

Program EVALPLOT
(Version 2018-1)

by

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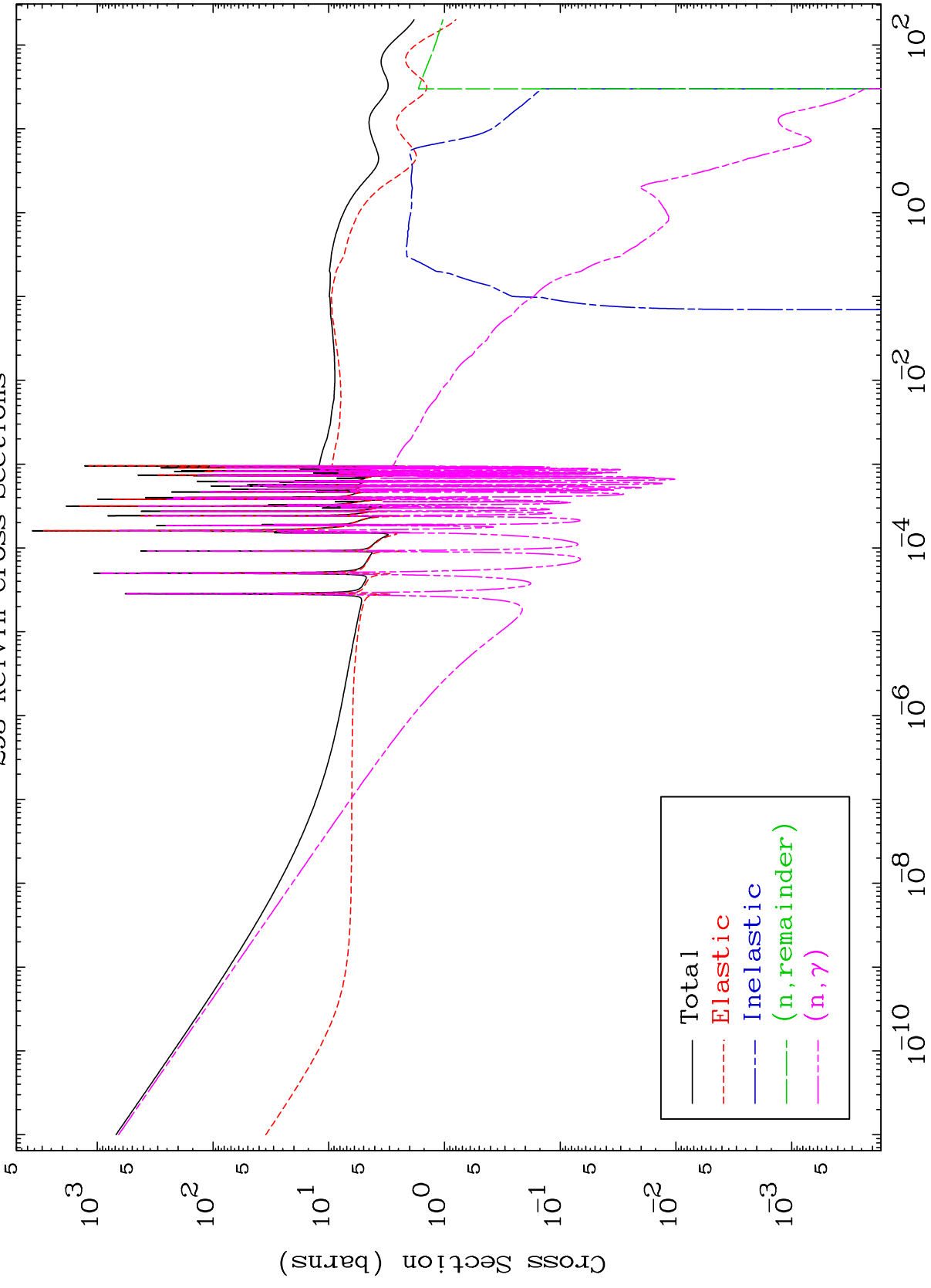
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4464

Major
293 Kelvin Cross Sections

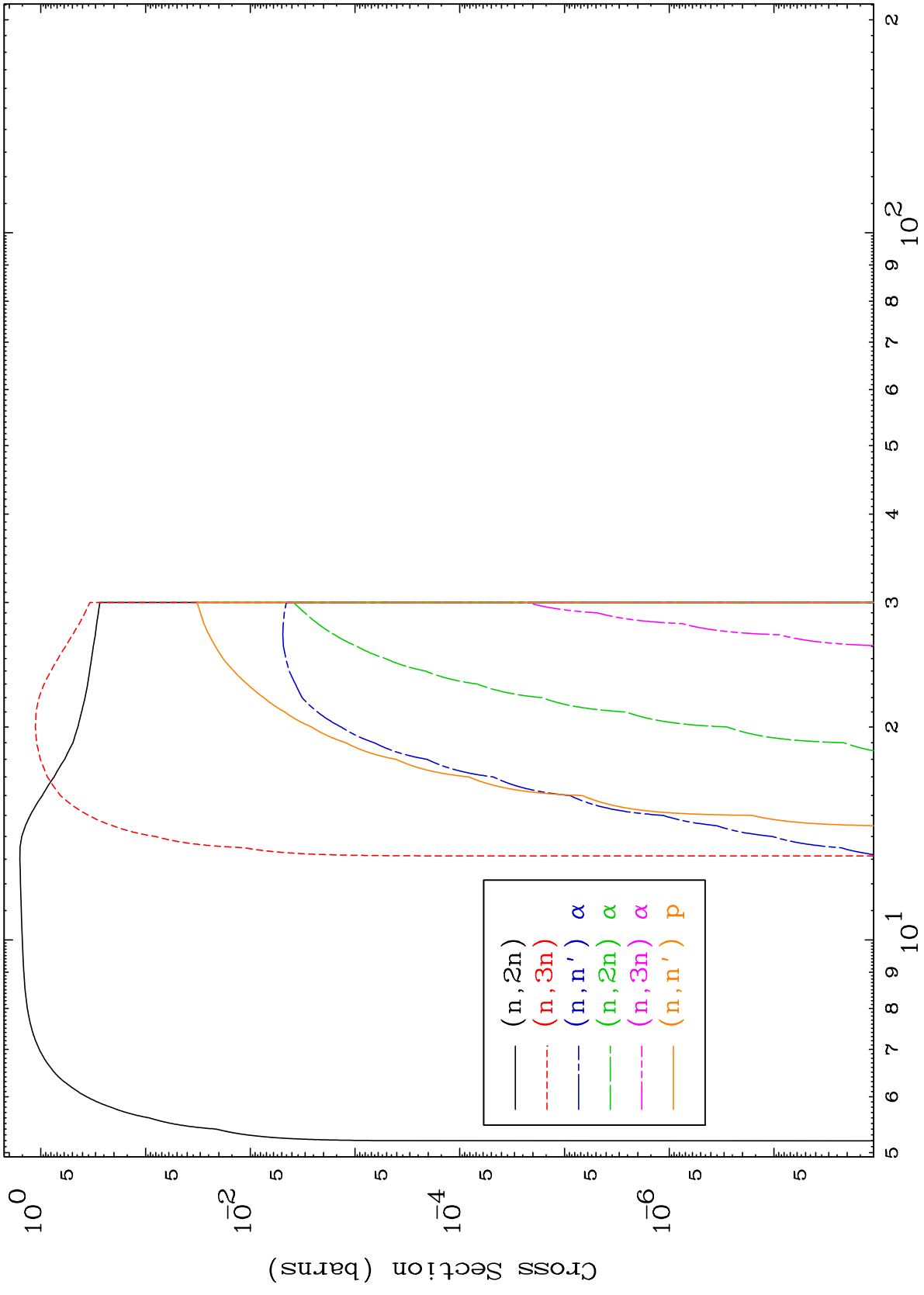
44-Ru-109



MAT 4464

Neutron Production
293 Kelvin Cross Sections

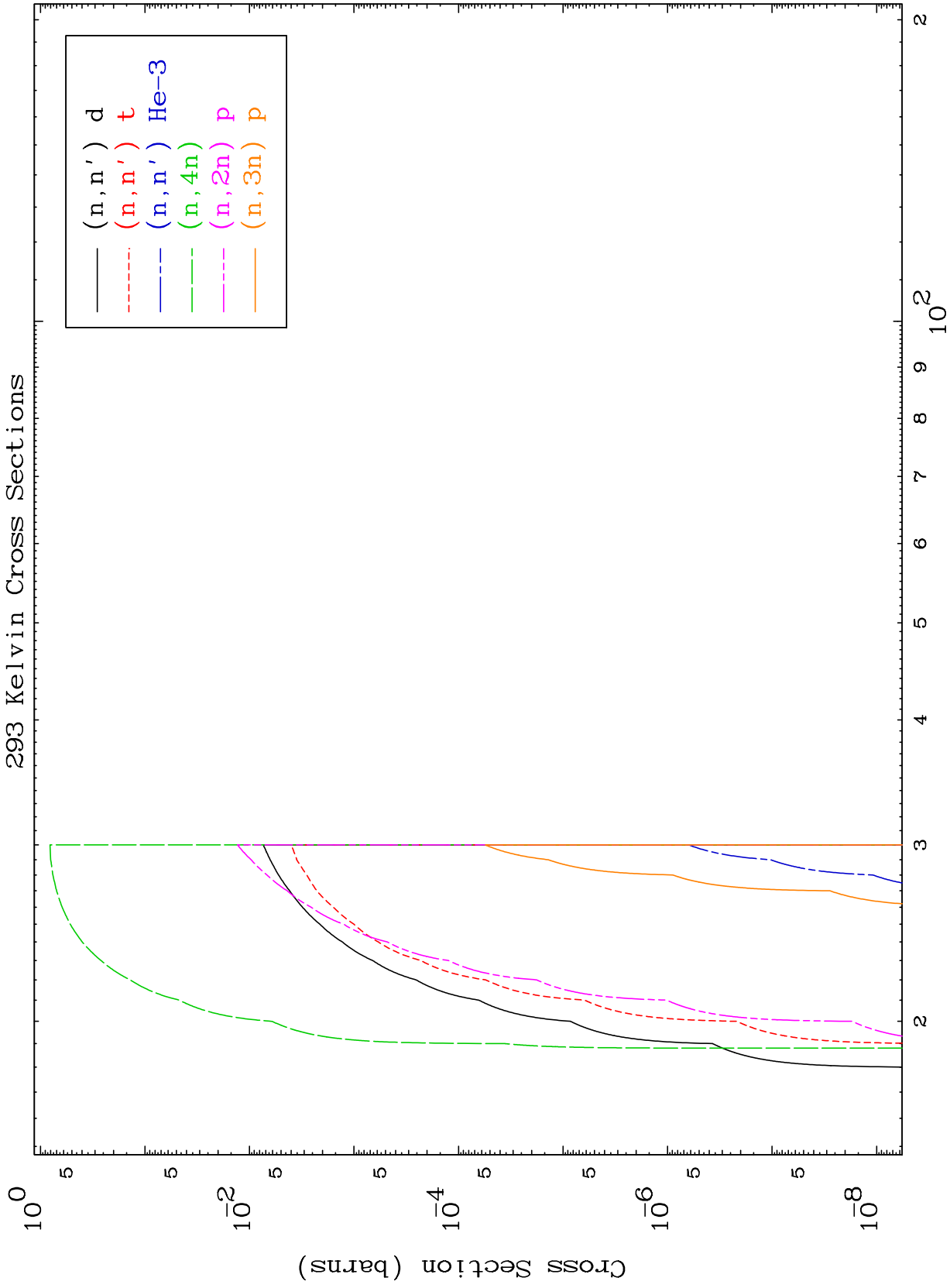
44-Ru-109

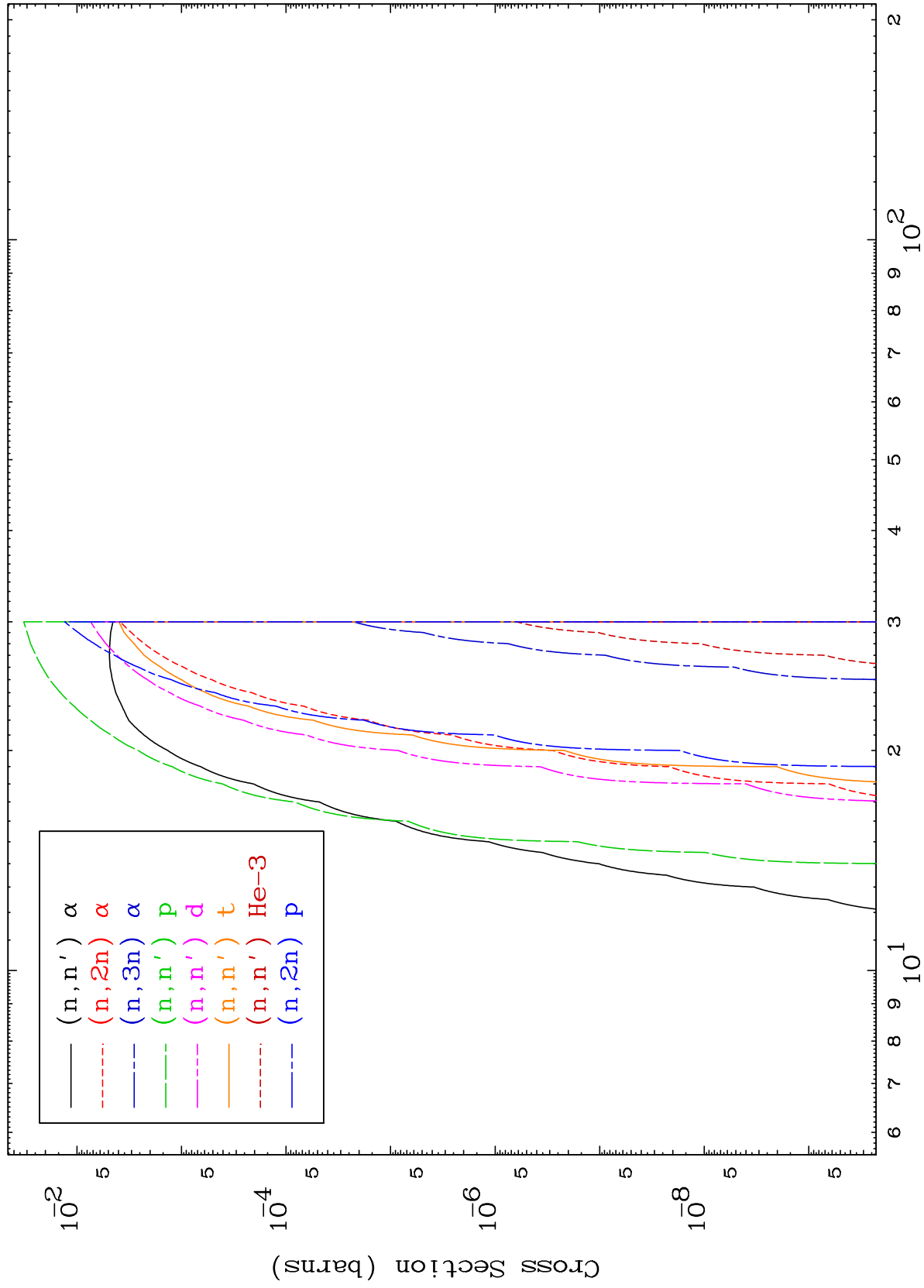


2

Incident Energy (MeV)

44-Ru-109

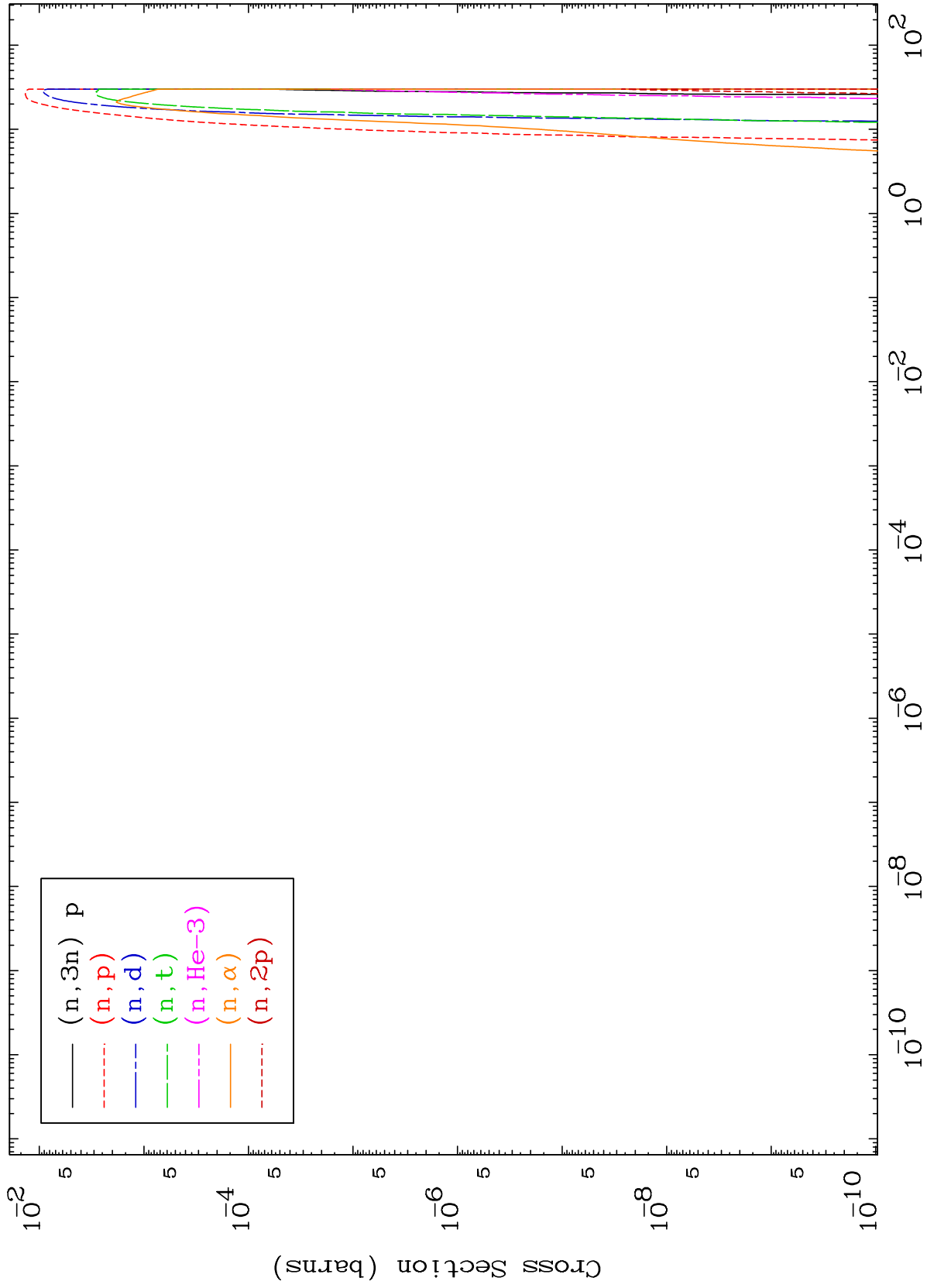




MAT 4464

Charged Particle
293 Kelvin Cross Sections

44-Ru-109



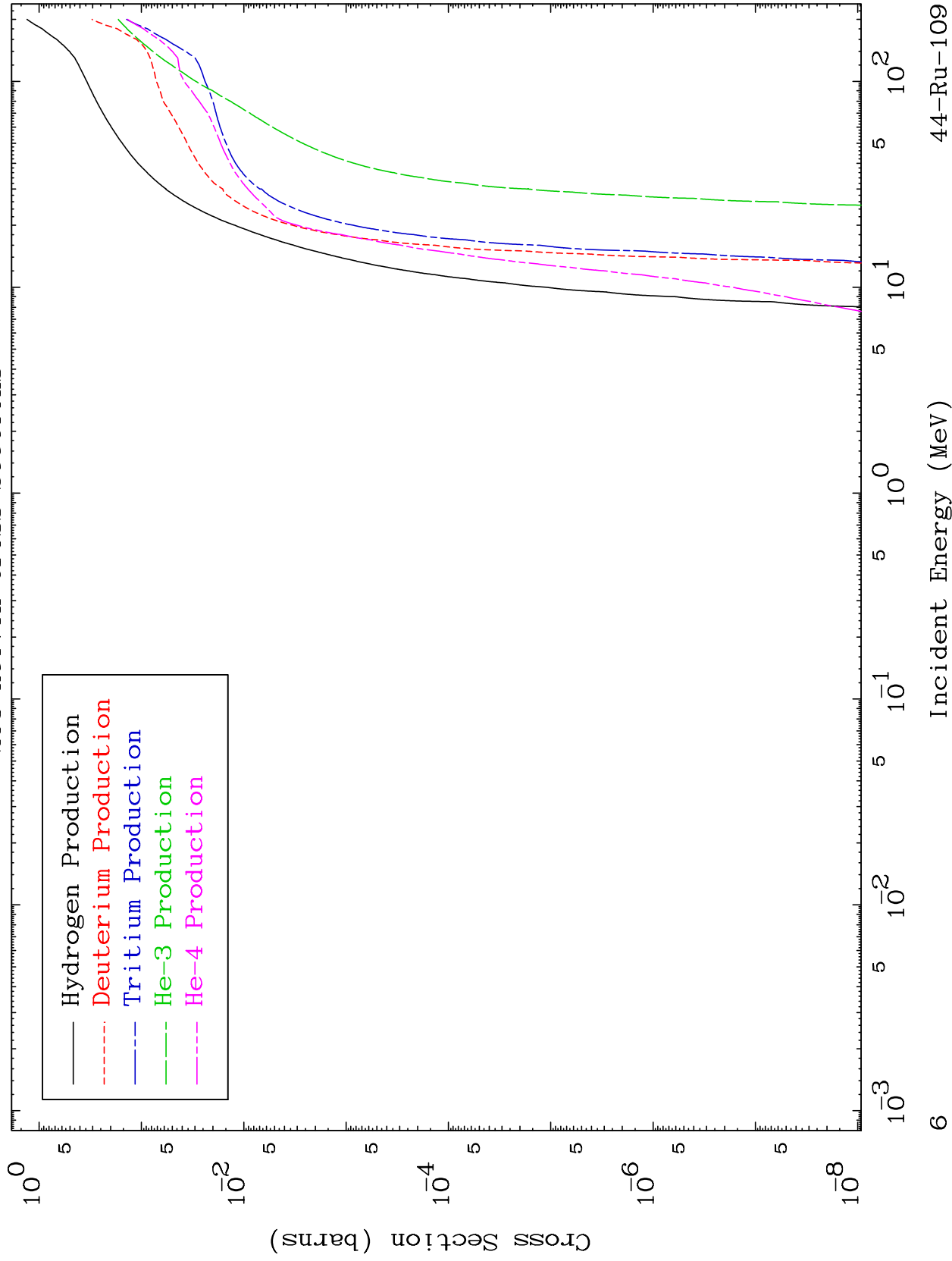
5

44-Ru-109

MAT 4464

Particle Production
293 Kelvin Cross Sections

44-Ru-109

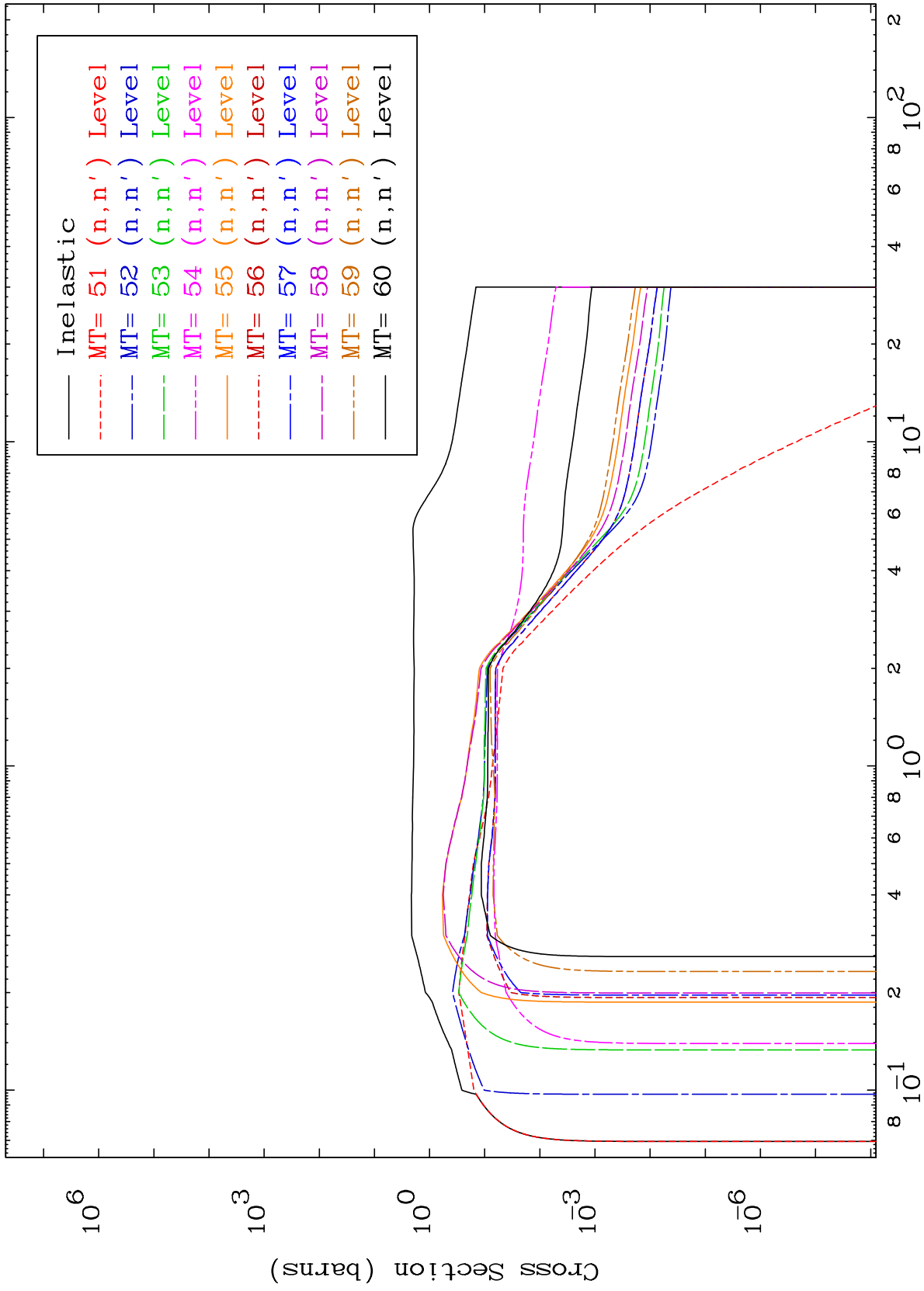


MAT 4464

(n,n') Level

44-Ru-109

293 Kelvin Cross Sections



7

Incident Energy (MeV)

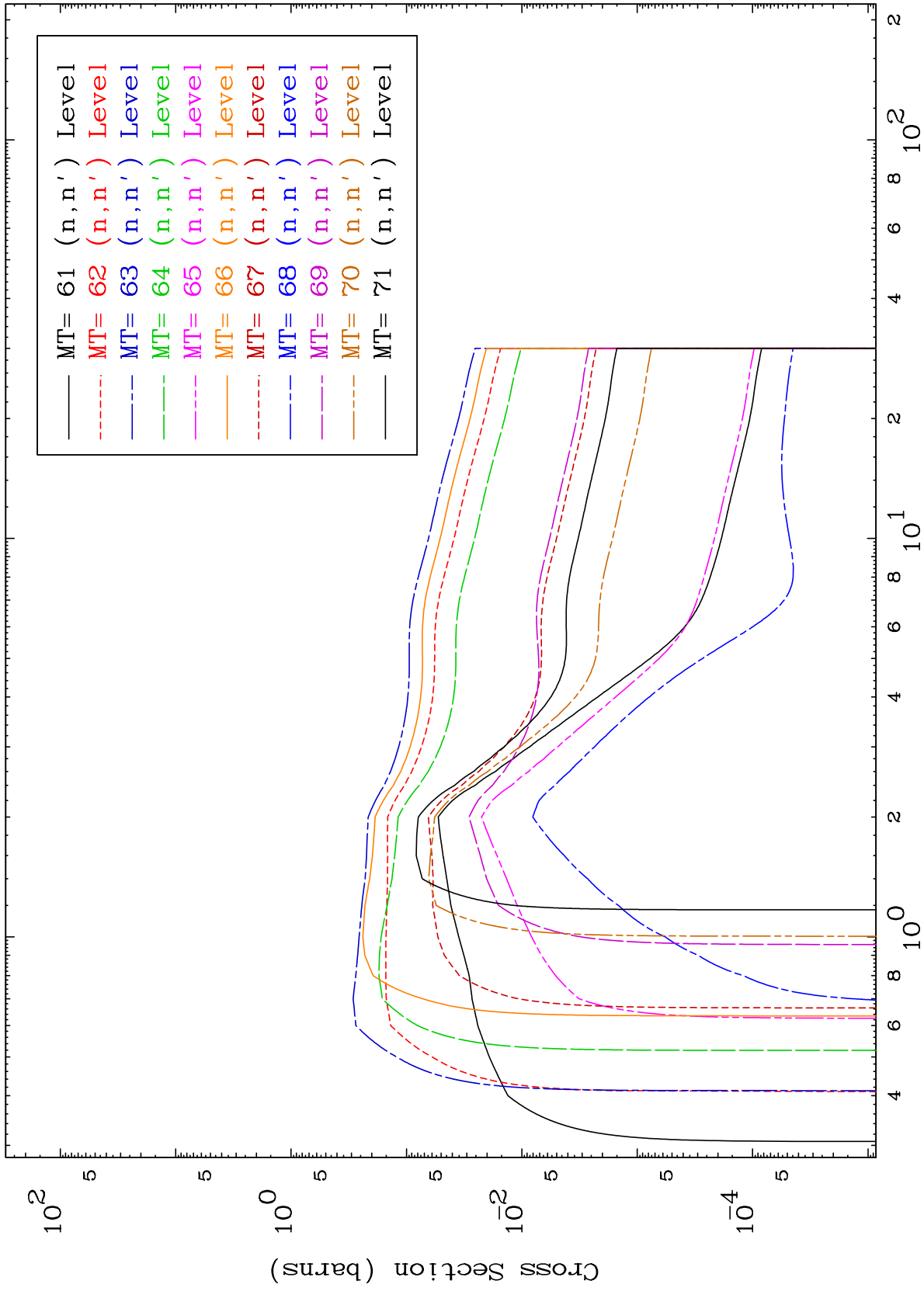
44-Ru-109

MAT 4464

(n,n') Level

44-Ru-109

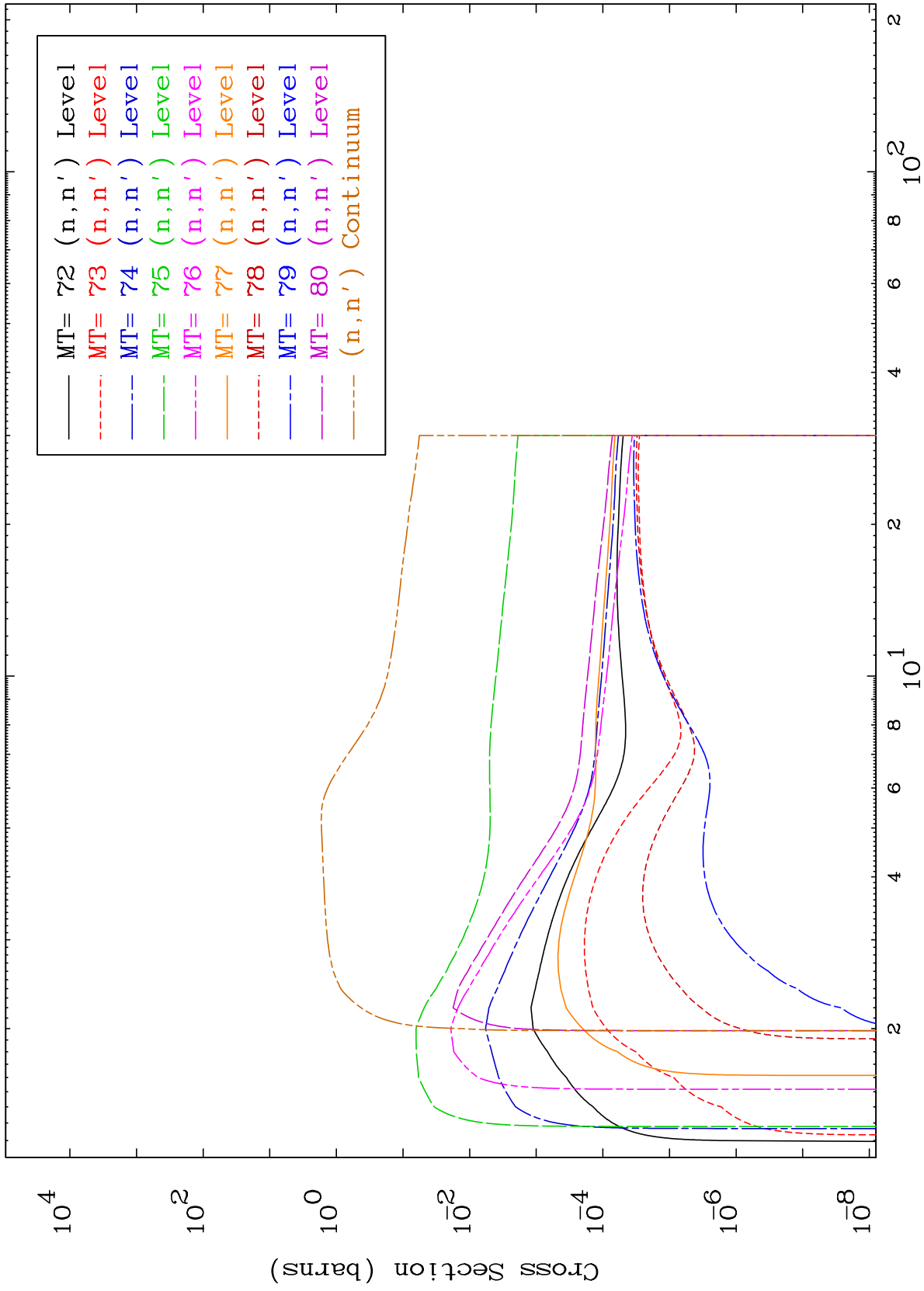
293 Kelvin Cross Sections



8

Incident Energy (MeV)

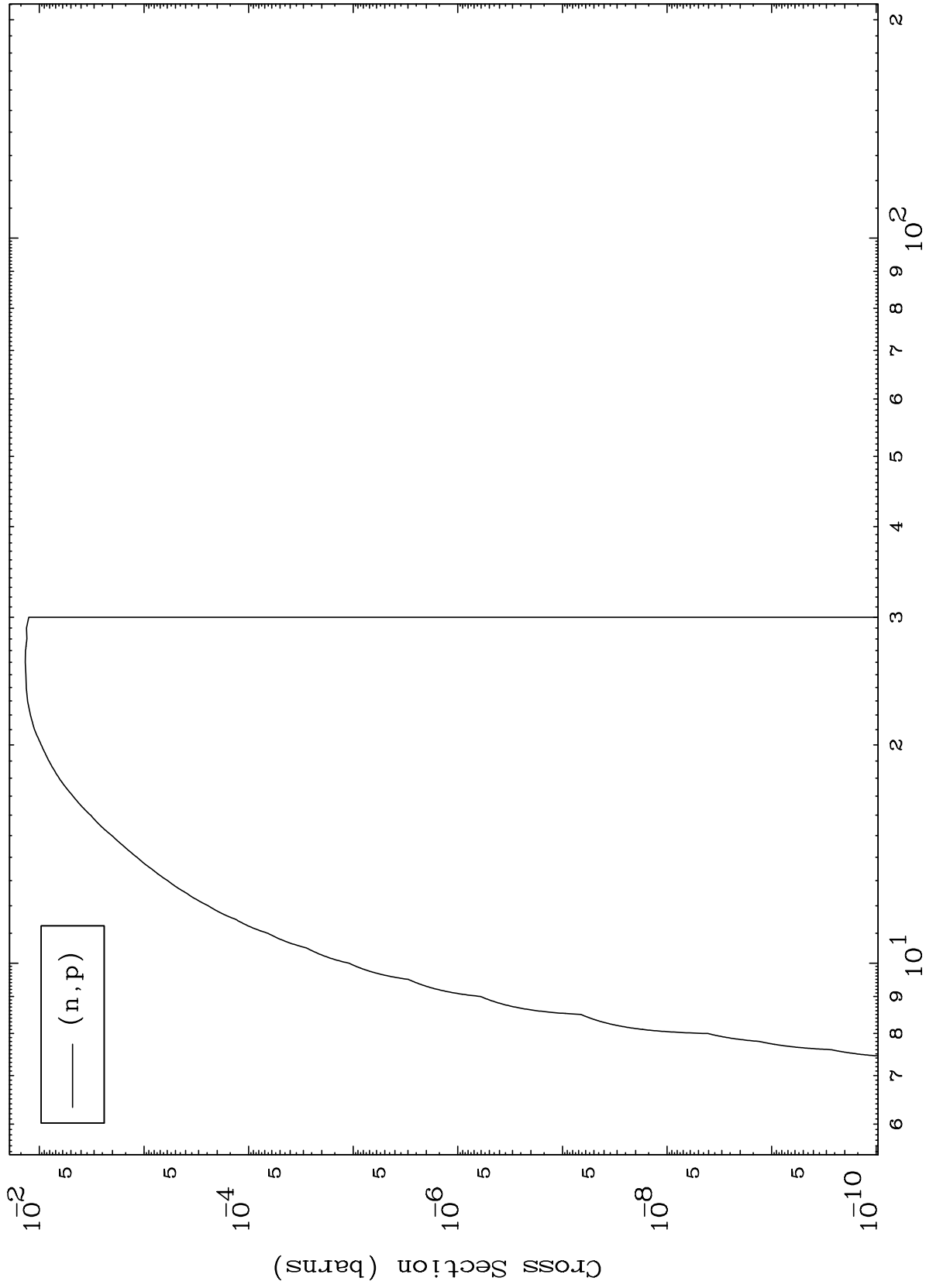
44-Ru-109



MAT 4464

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-109



10

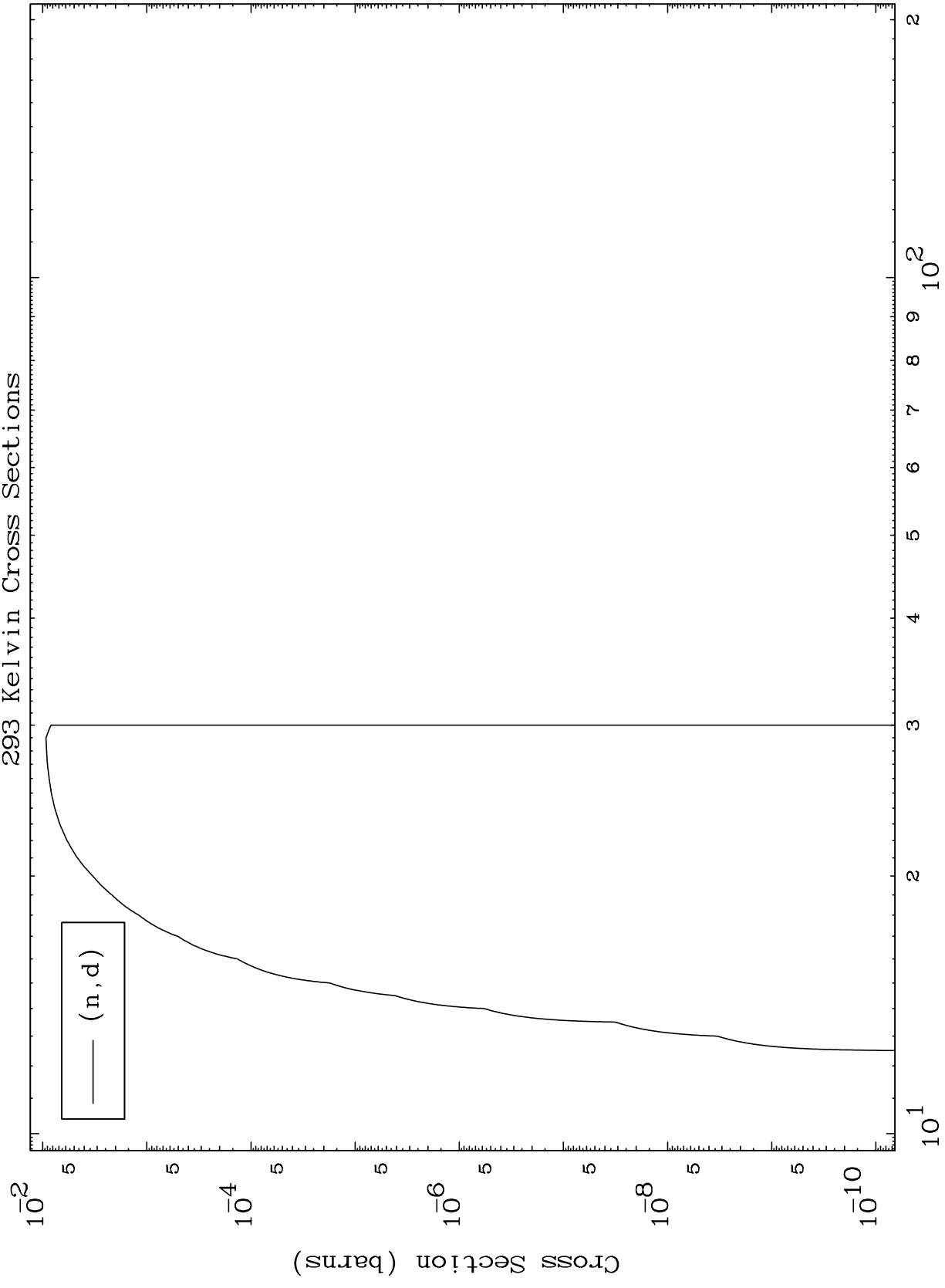
Incident Energy (MeV)

44-Ru-109

MAT 4464

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-109



11

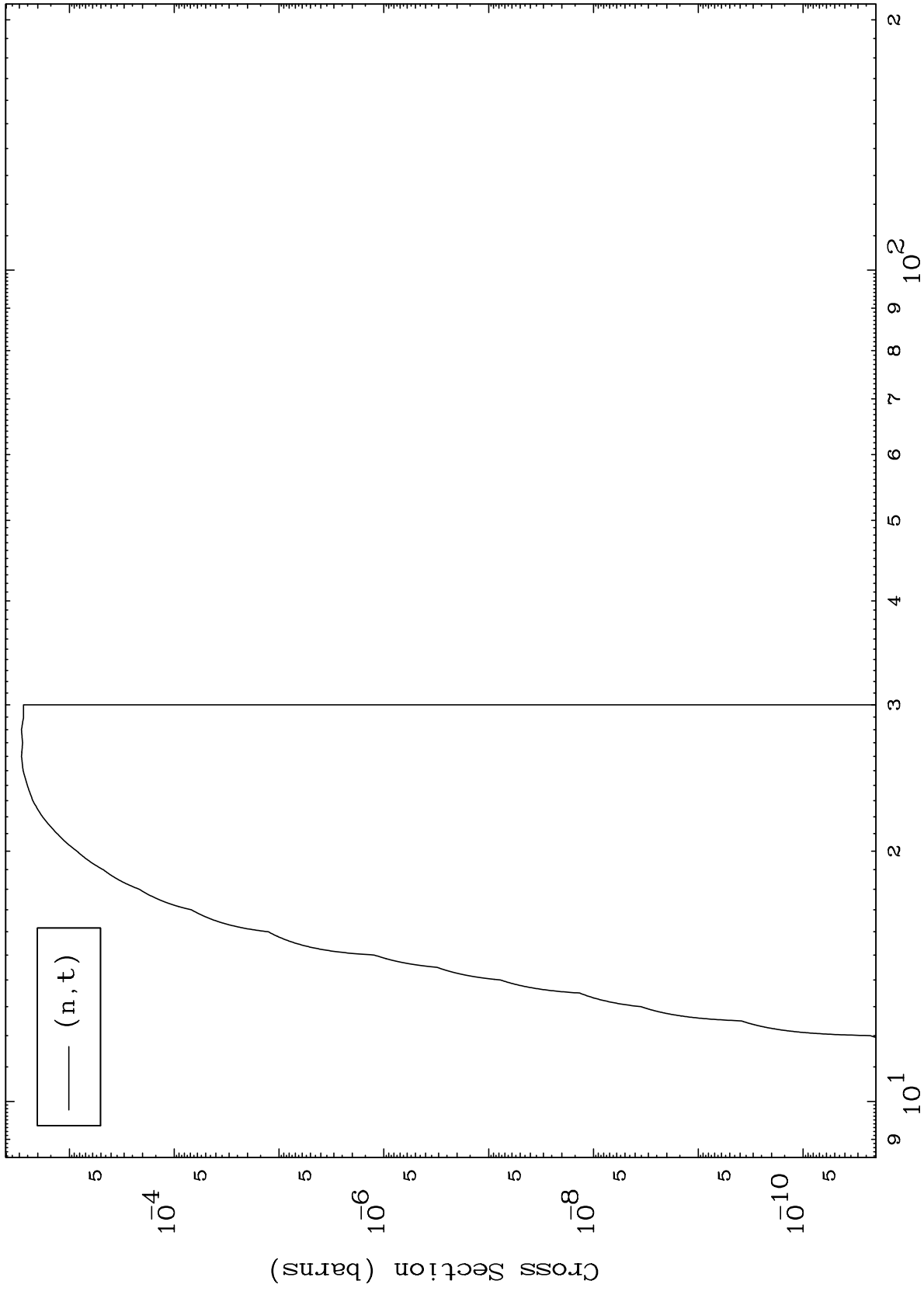
Incident Energy (MeV)

44-Ru-109

MAT 4464

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-109



12

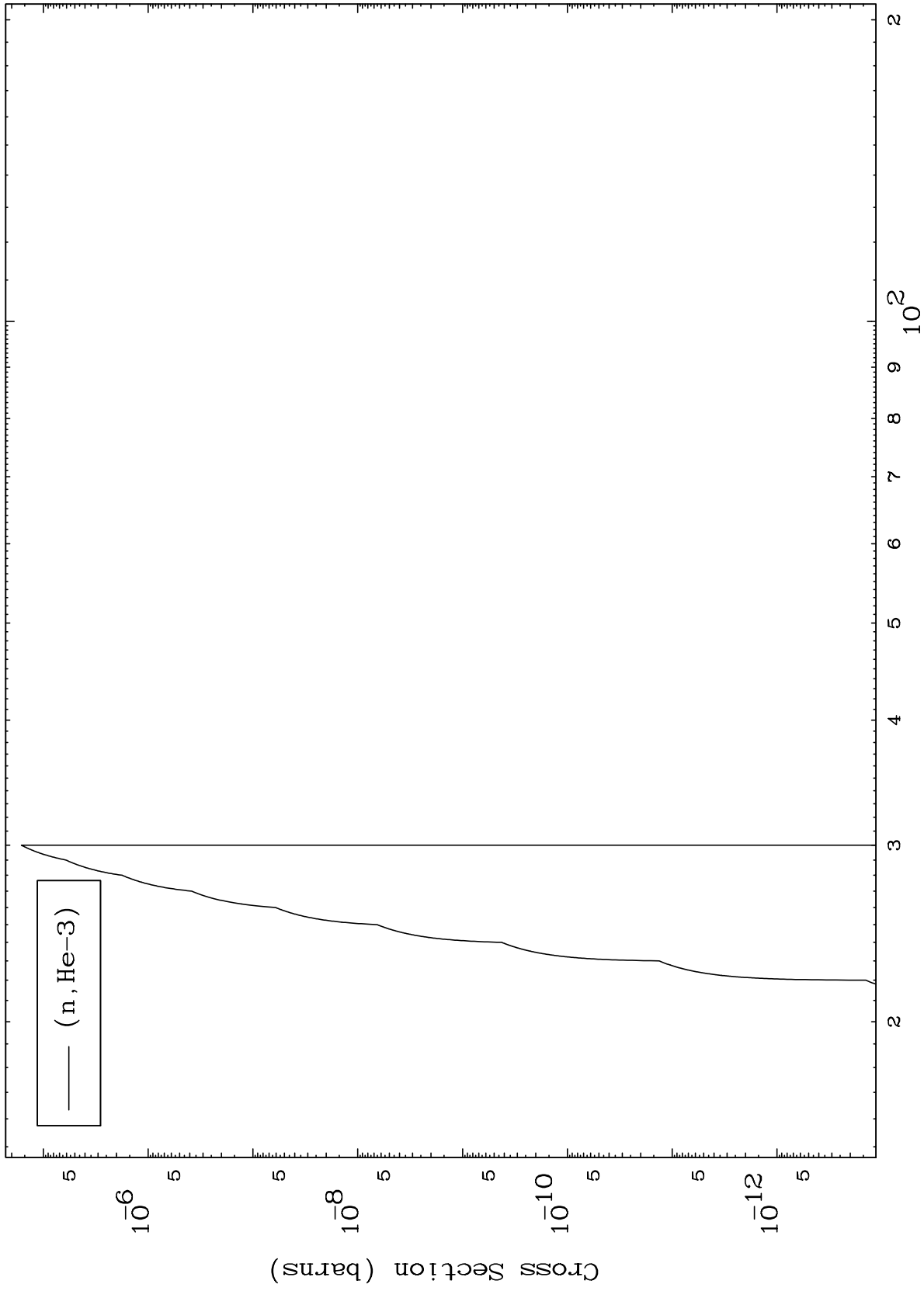
Incident Energy (MeV)

44-Ru-109

MAT 4464

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-109



13

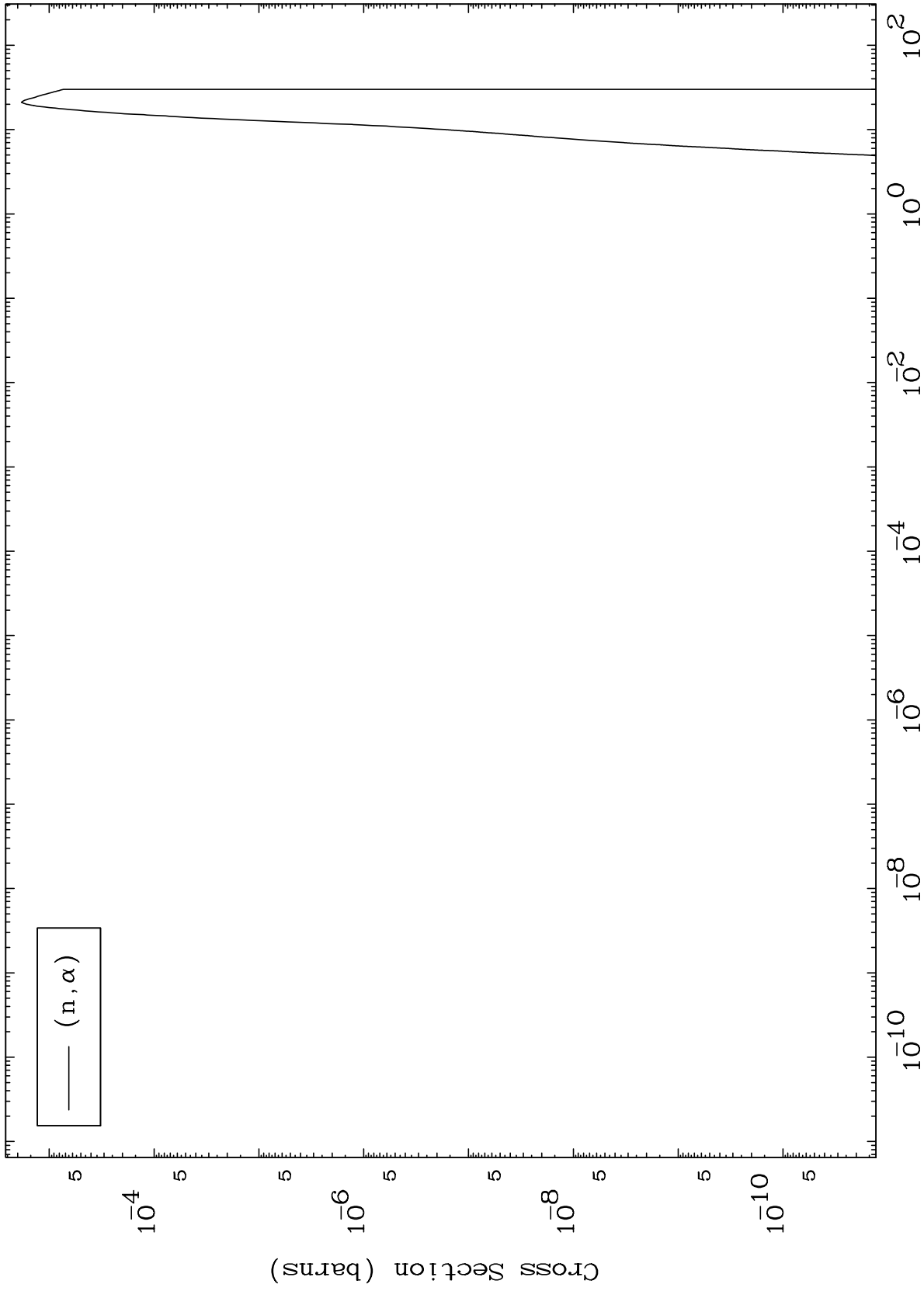
Incident Energy (MeV)

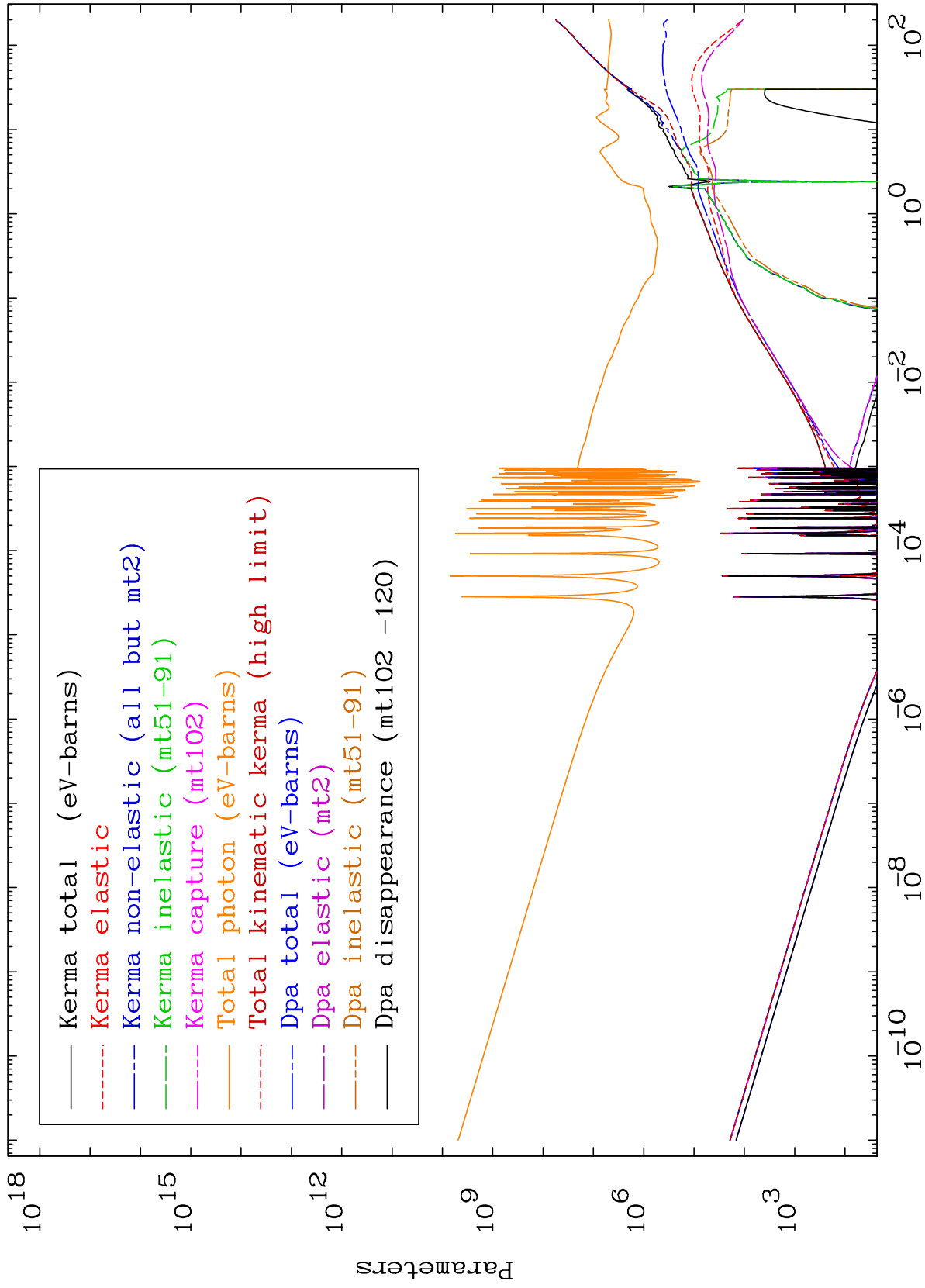
44-Ru-109

MAT 4464

(n,α) Levels
293 Kelvin Cross Sections

44-Ru-109

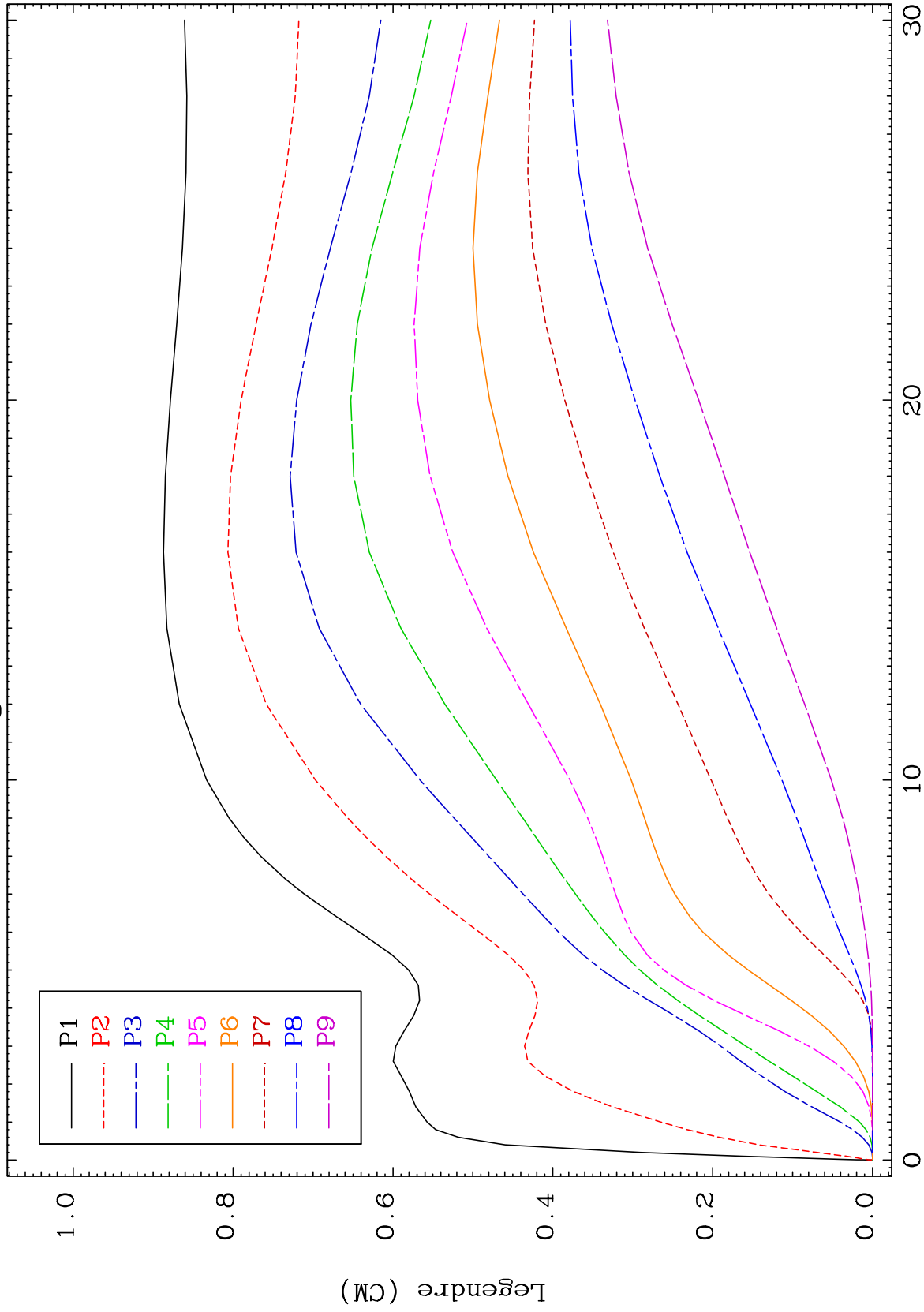




MAT 4464

Elastic Legendre Coefficients

44-Ru-109



16

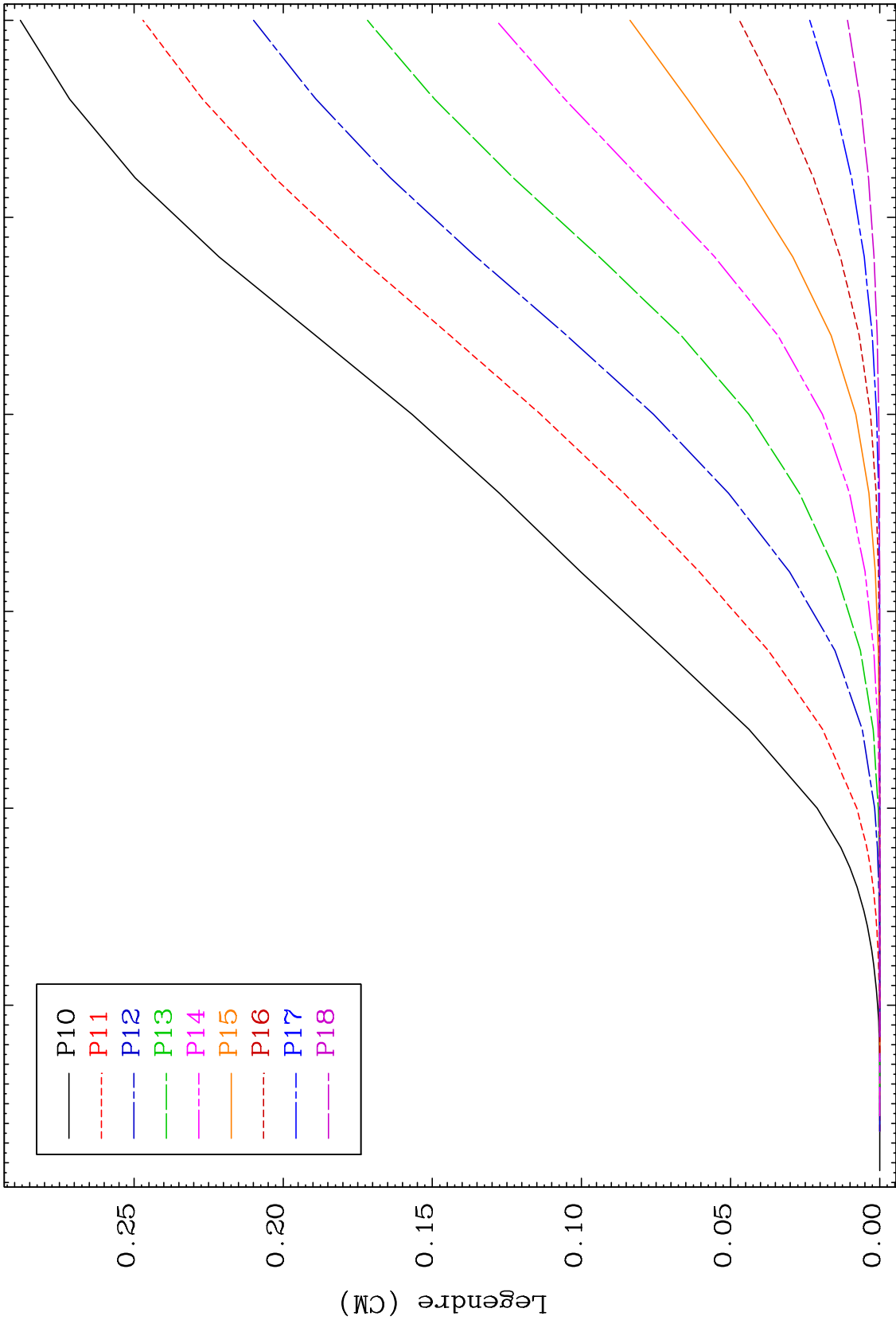
Incident Energy (MeV)

44-Ru-109

MAT 4464

Elastic Legendre Coefficients

44-Ru-109



17

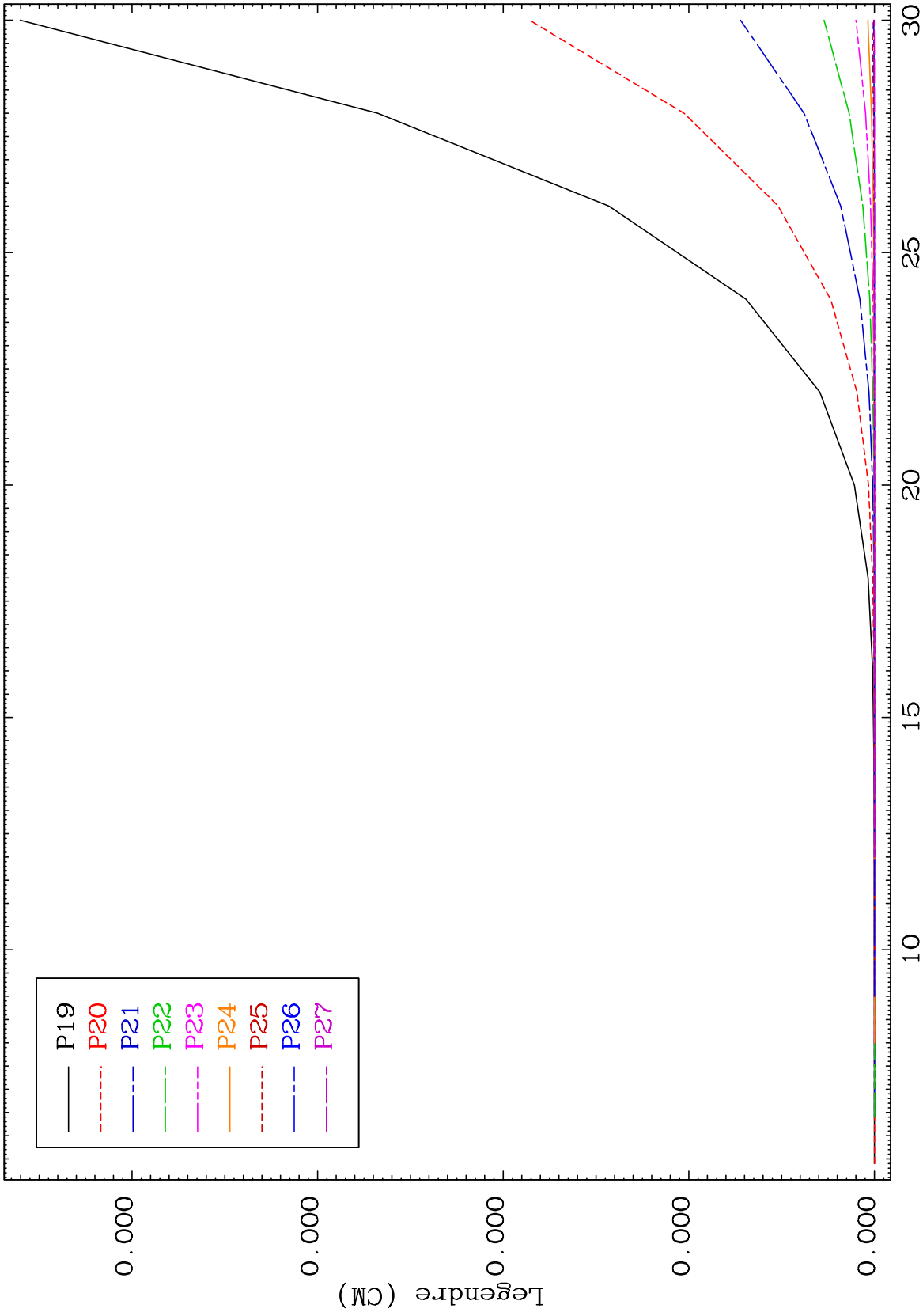
Incident Energy (MeV)

44-Ru-109

MAT 4464

Elastic Legendre Coefficients

44-Ru-109



18

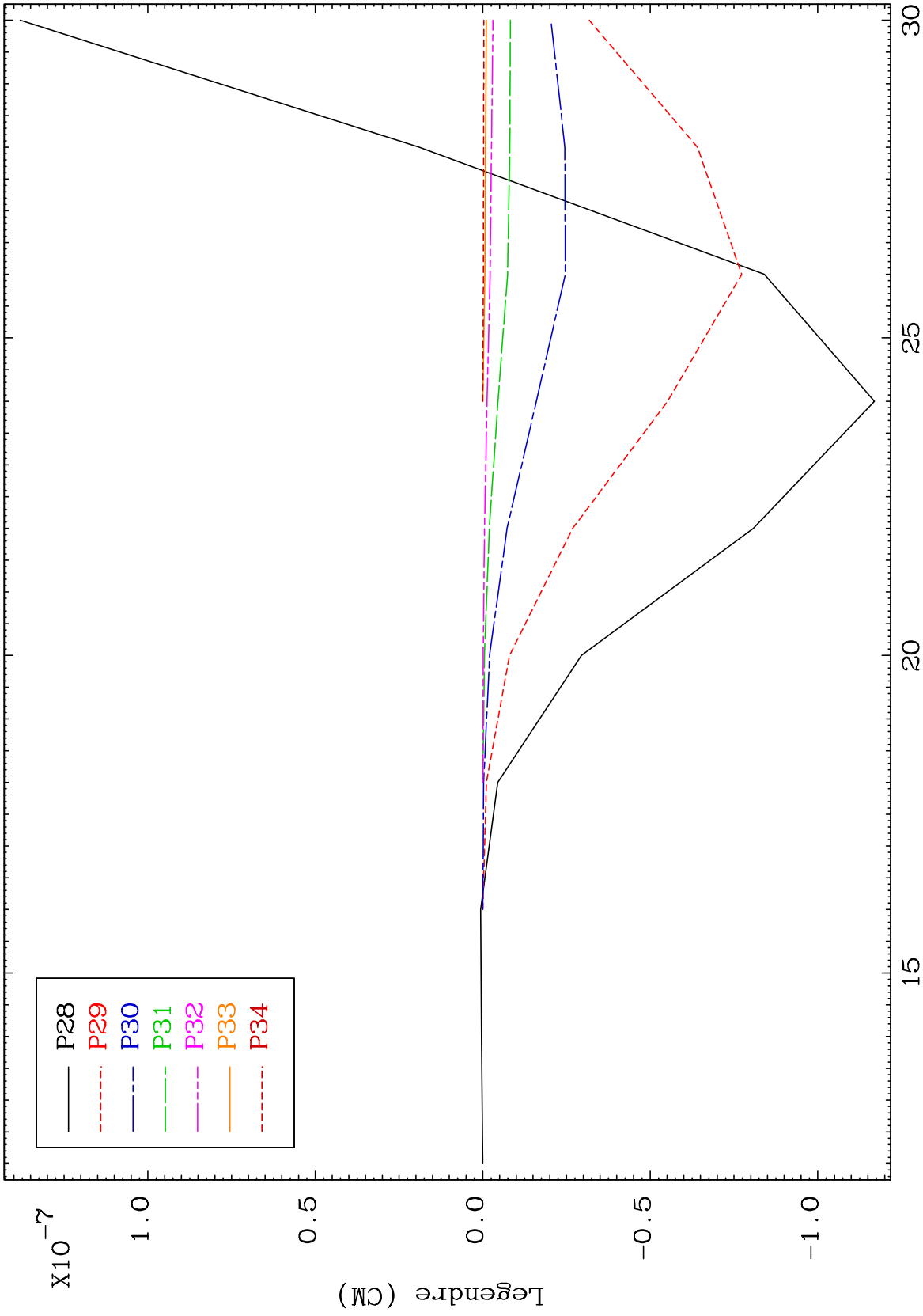
Incident Energy (MeV)

44-Ru-109

MAT 4464

Elastic Legendre Coefficients

44-Ru-109



19

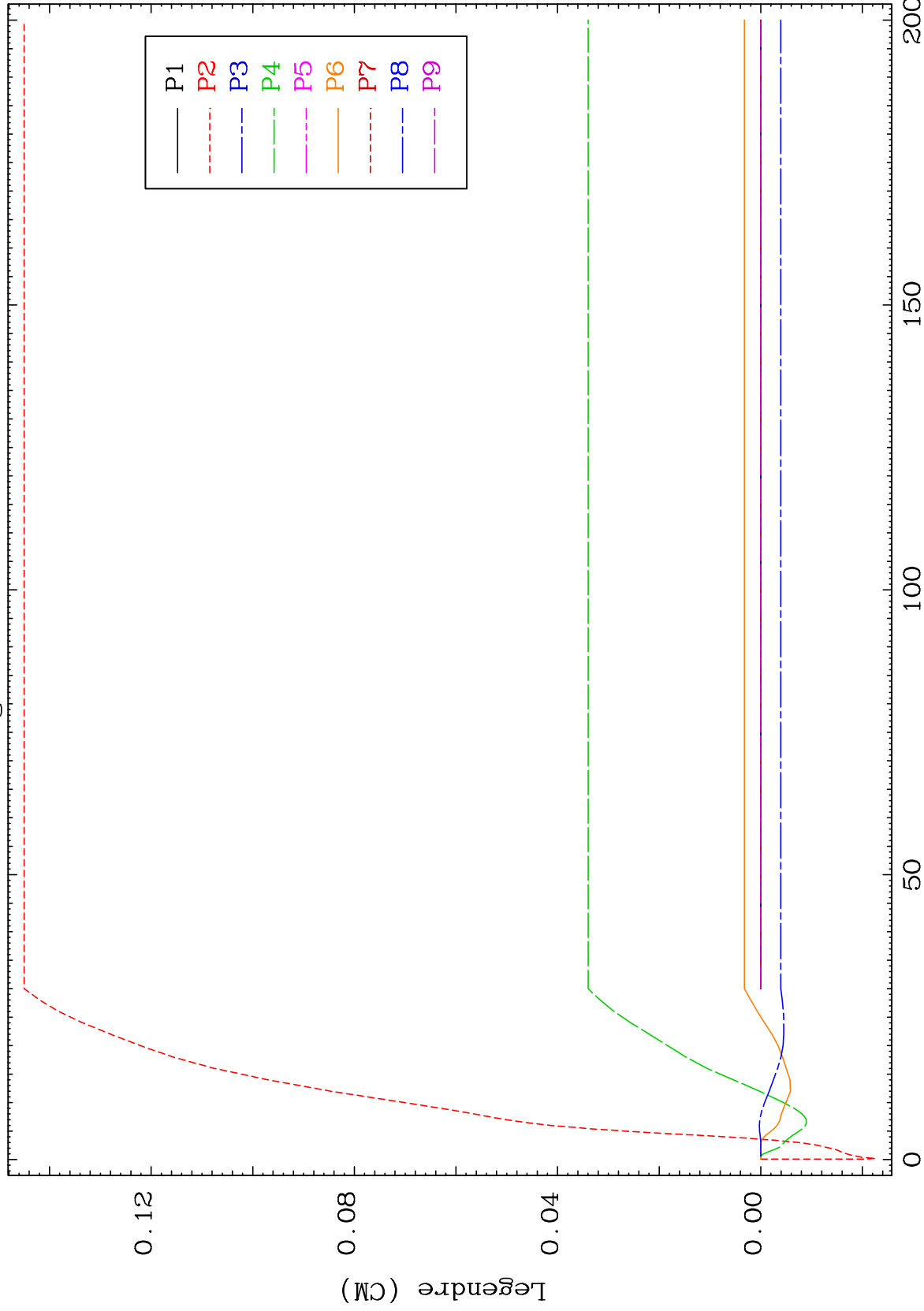
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



44-Ru-109

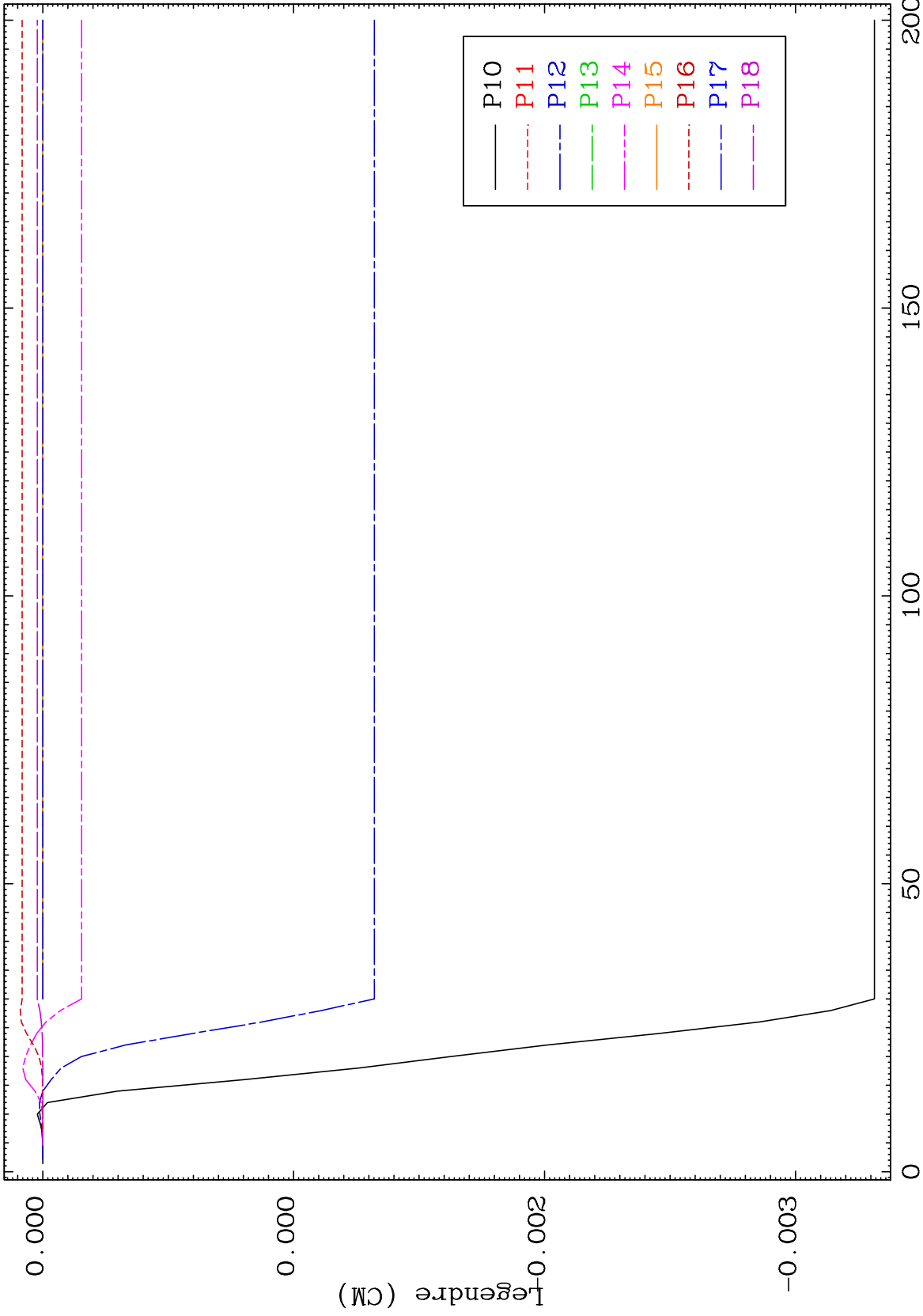
Incident Energy (MeV)

20

MAT 4464

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

44-Ru-109



21

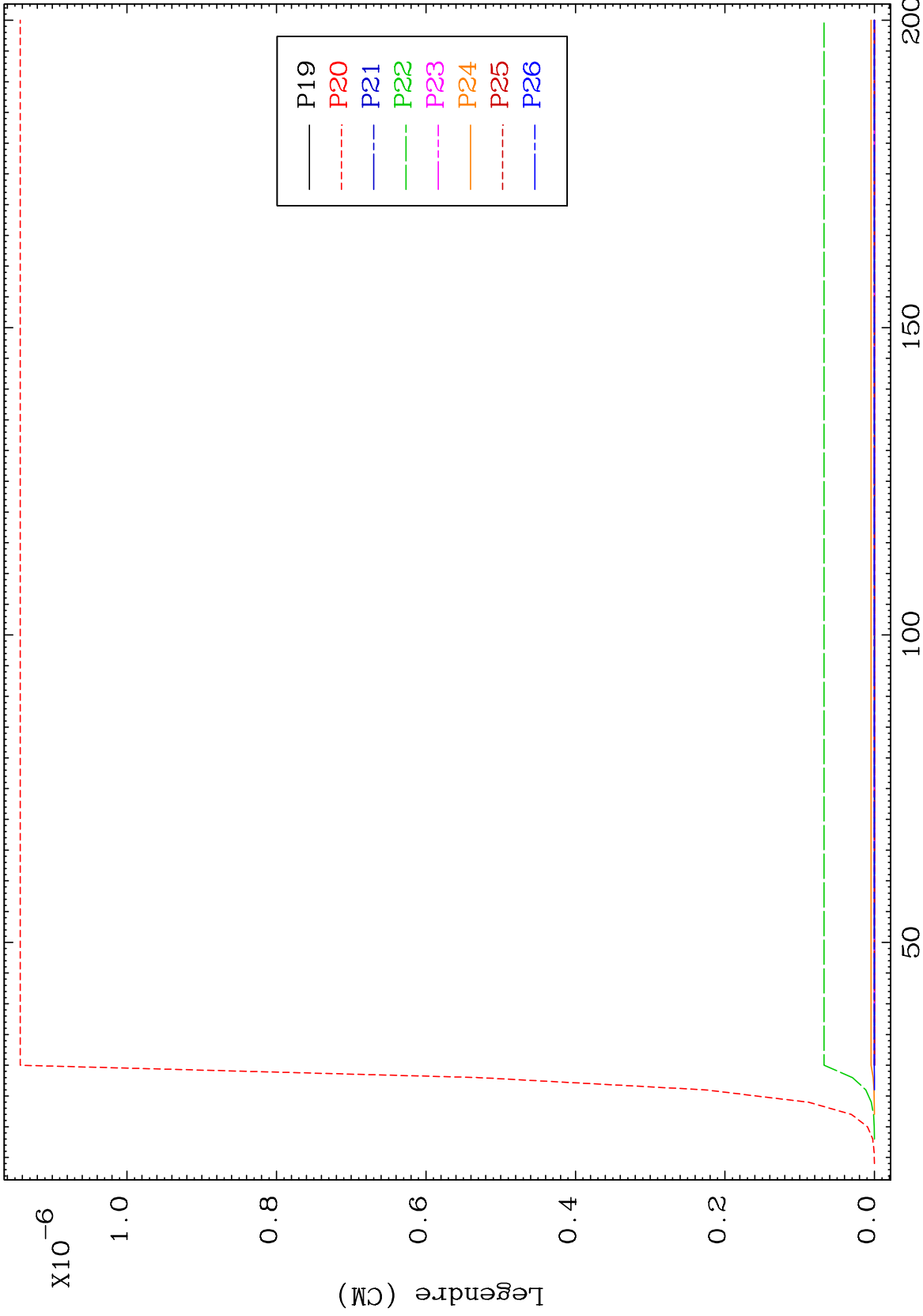
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



22

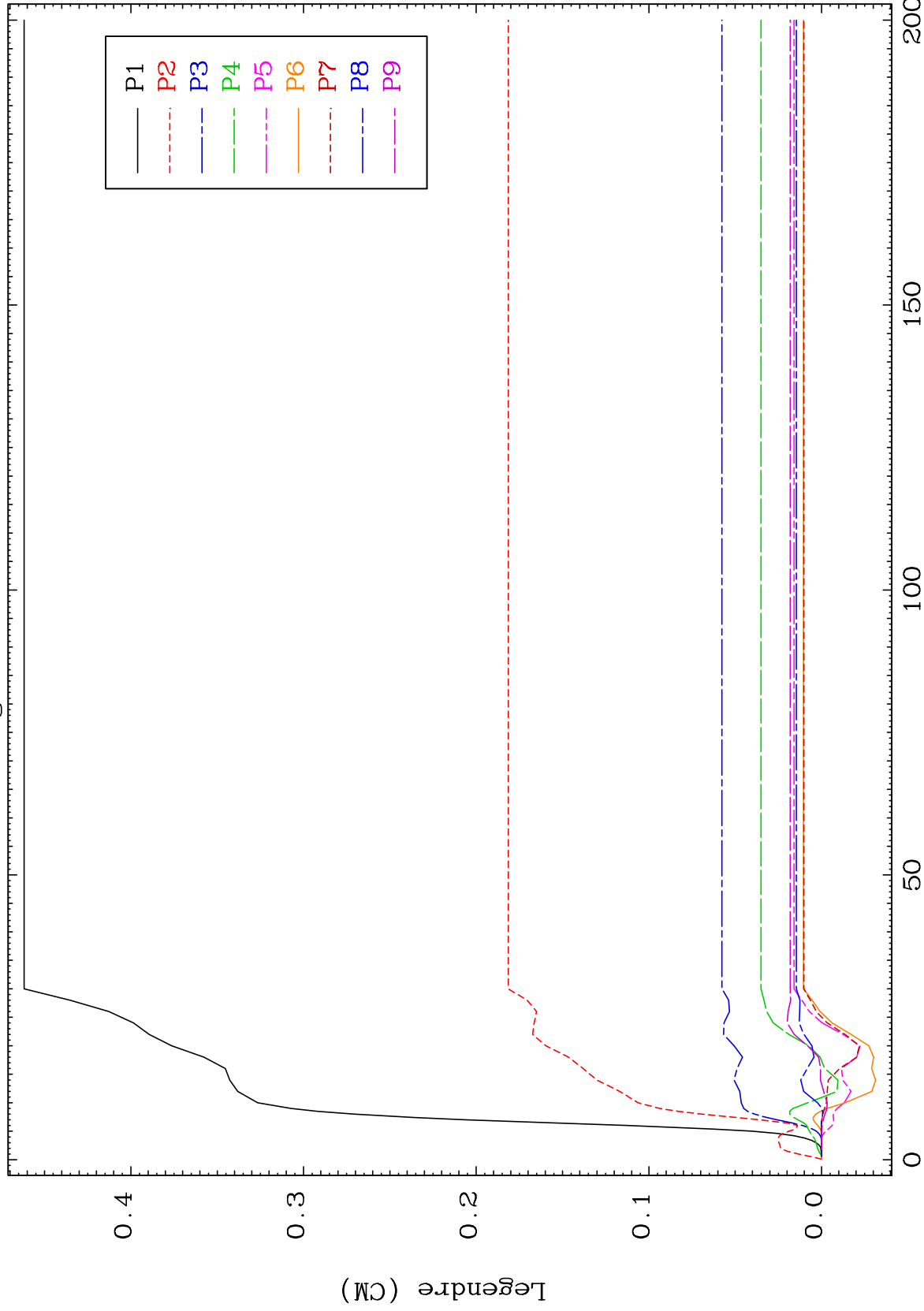
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



23

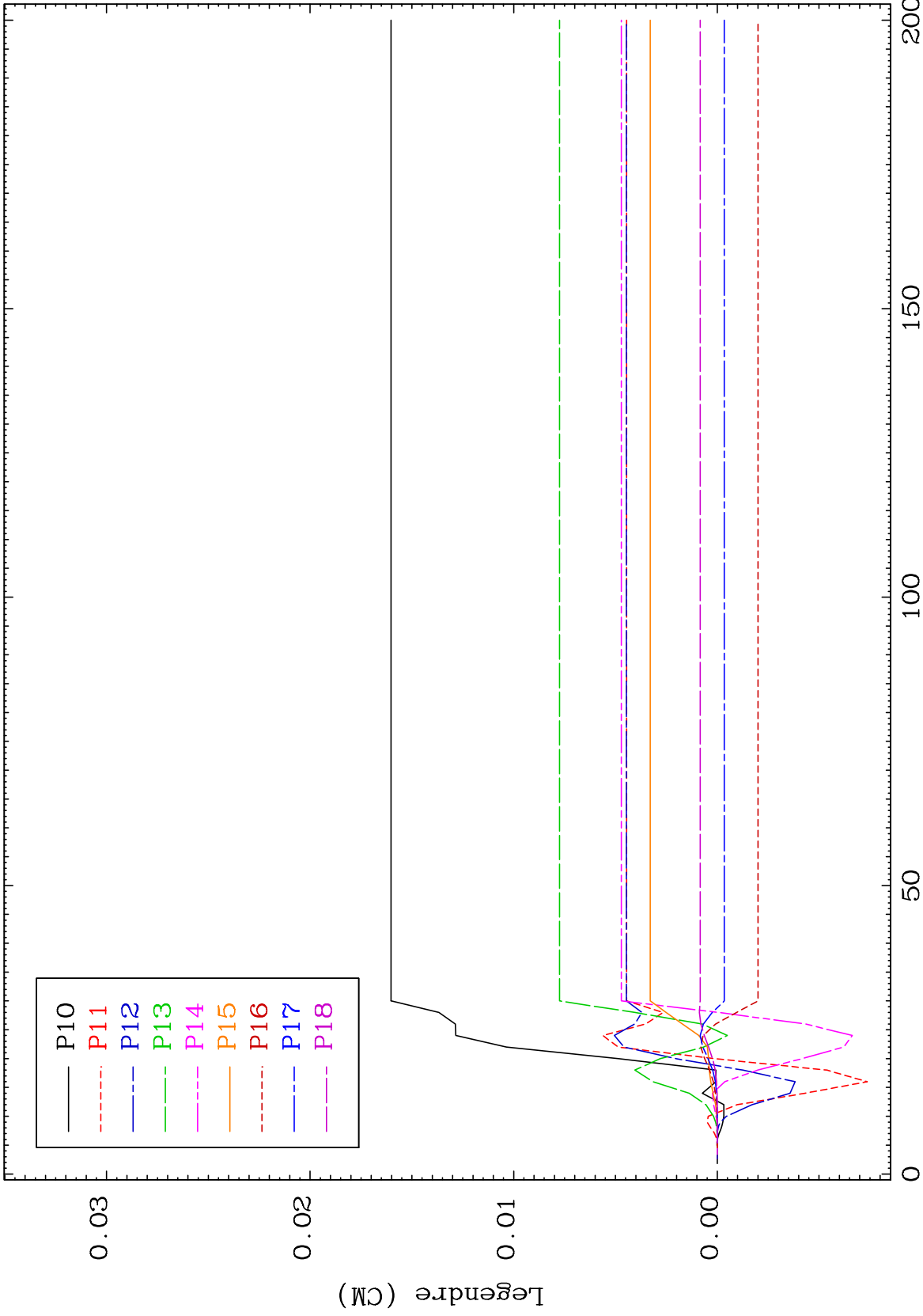
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



24

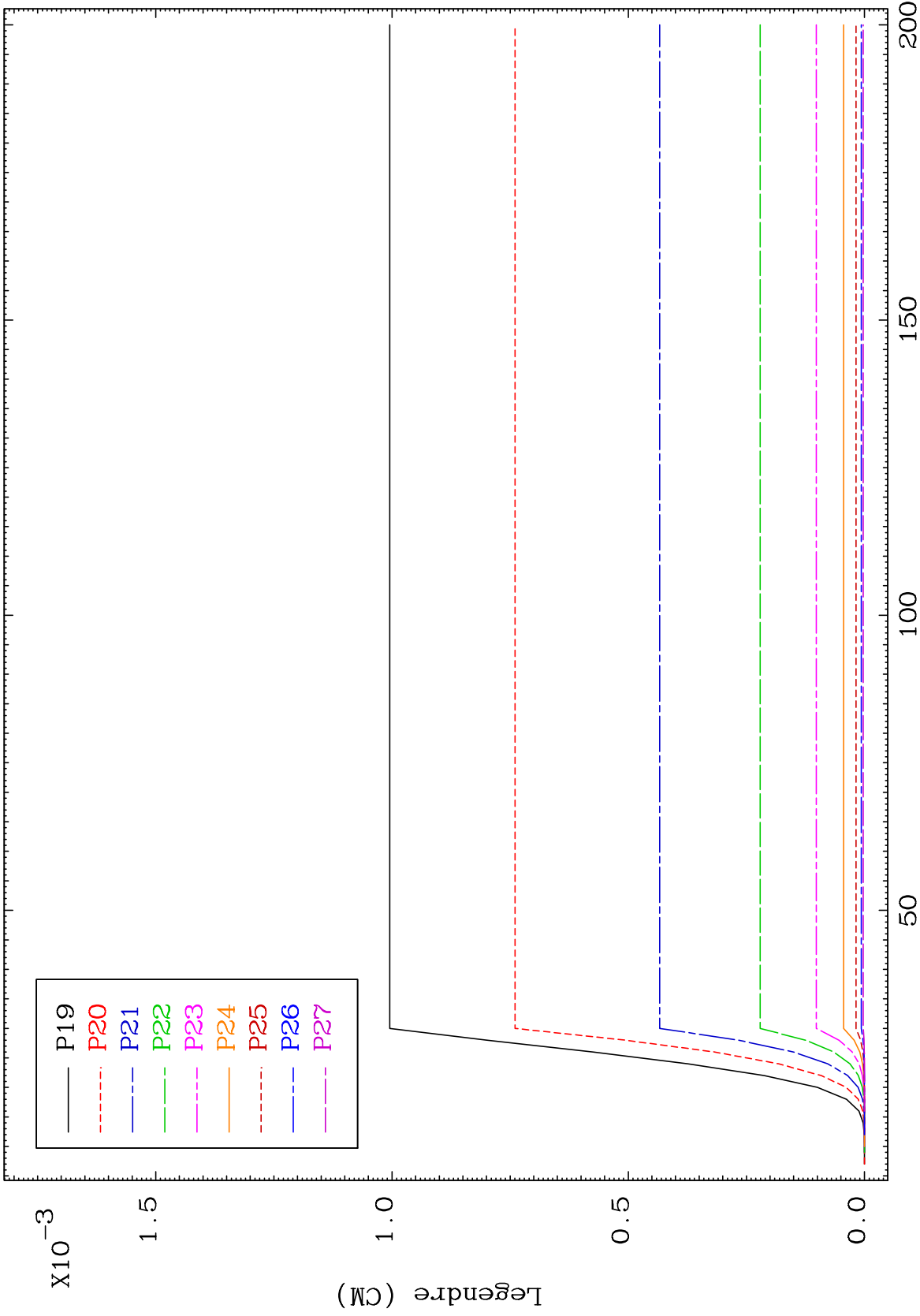
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



25

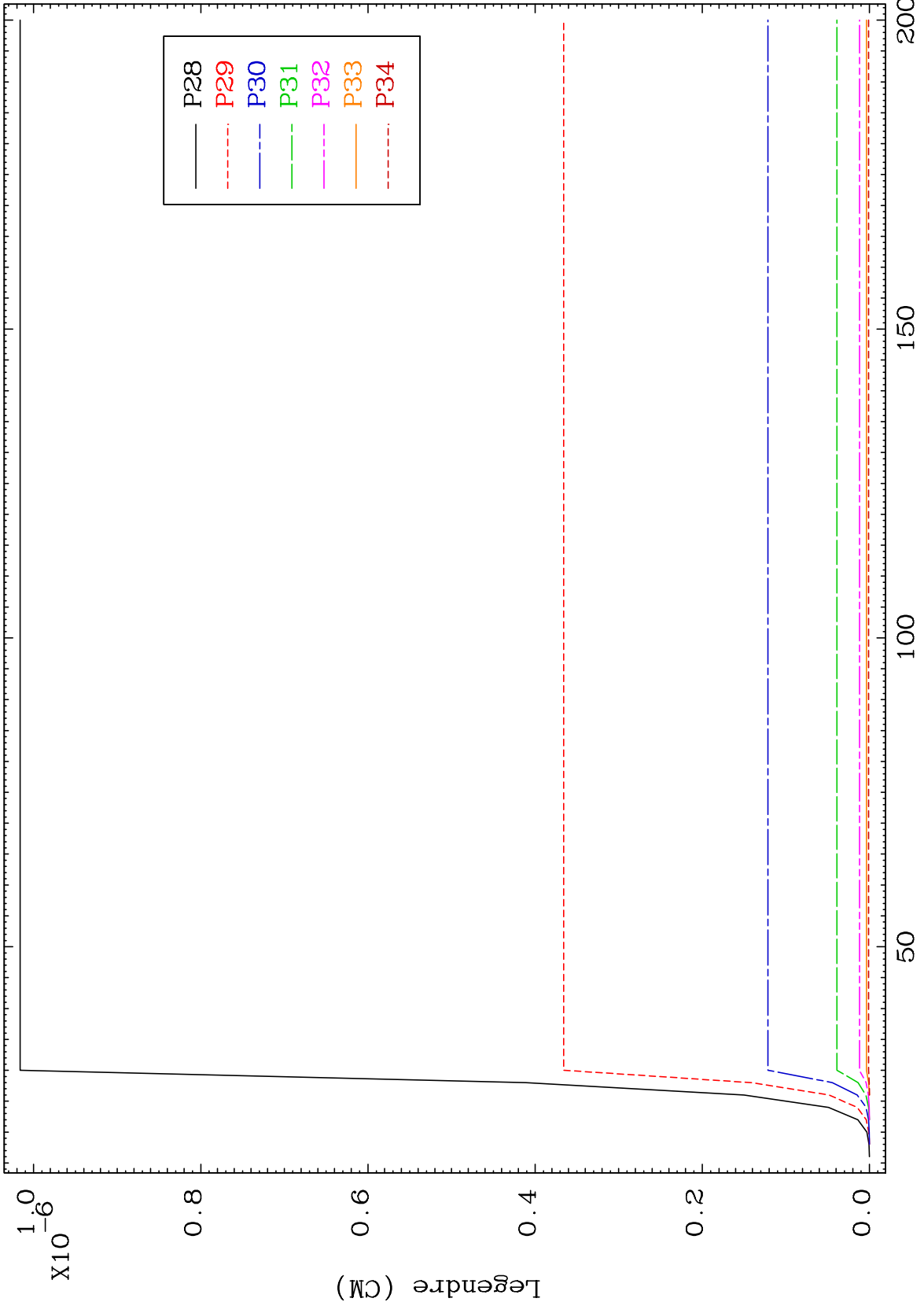
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



26

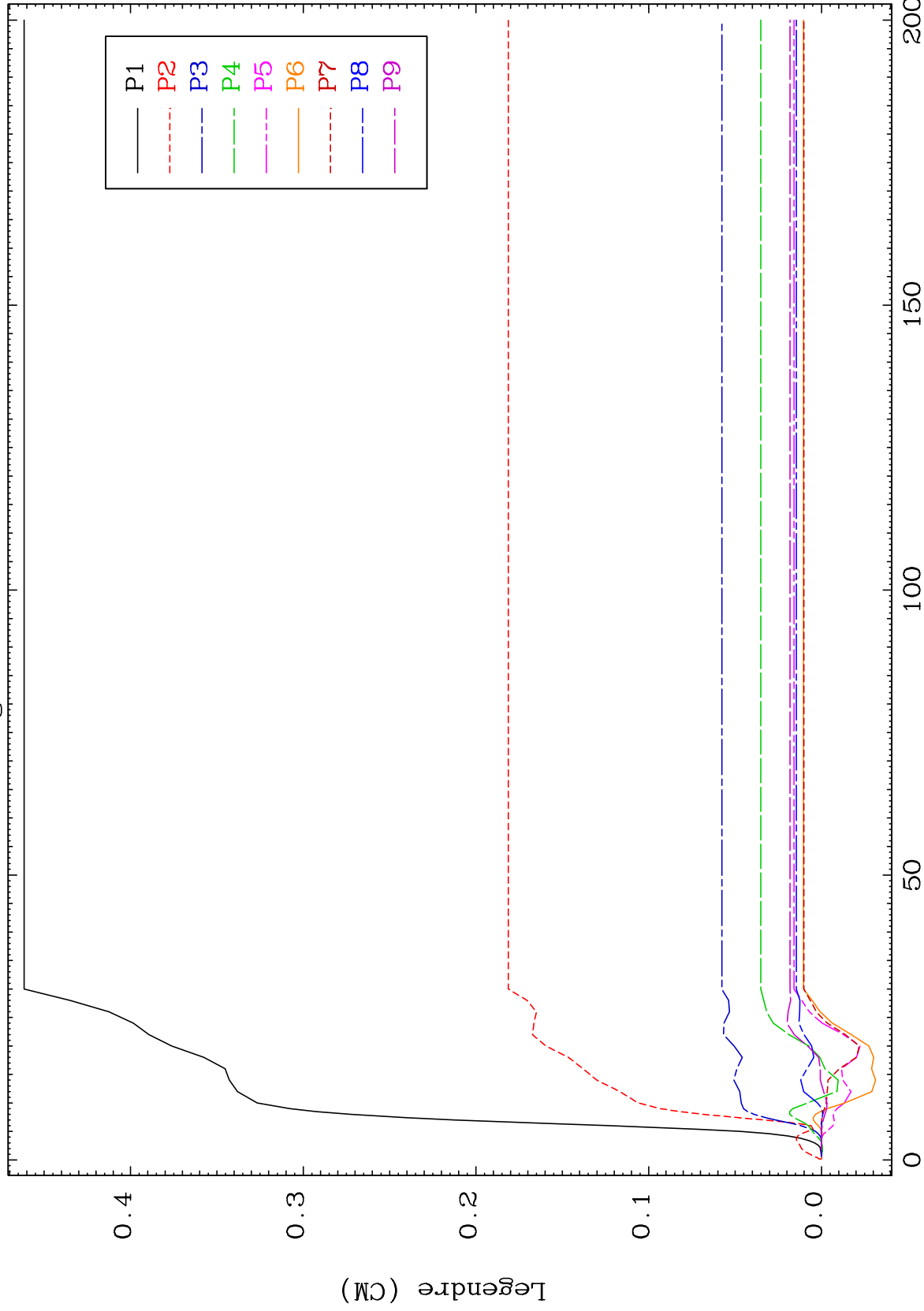
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



27

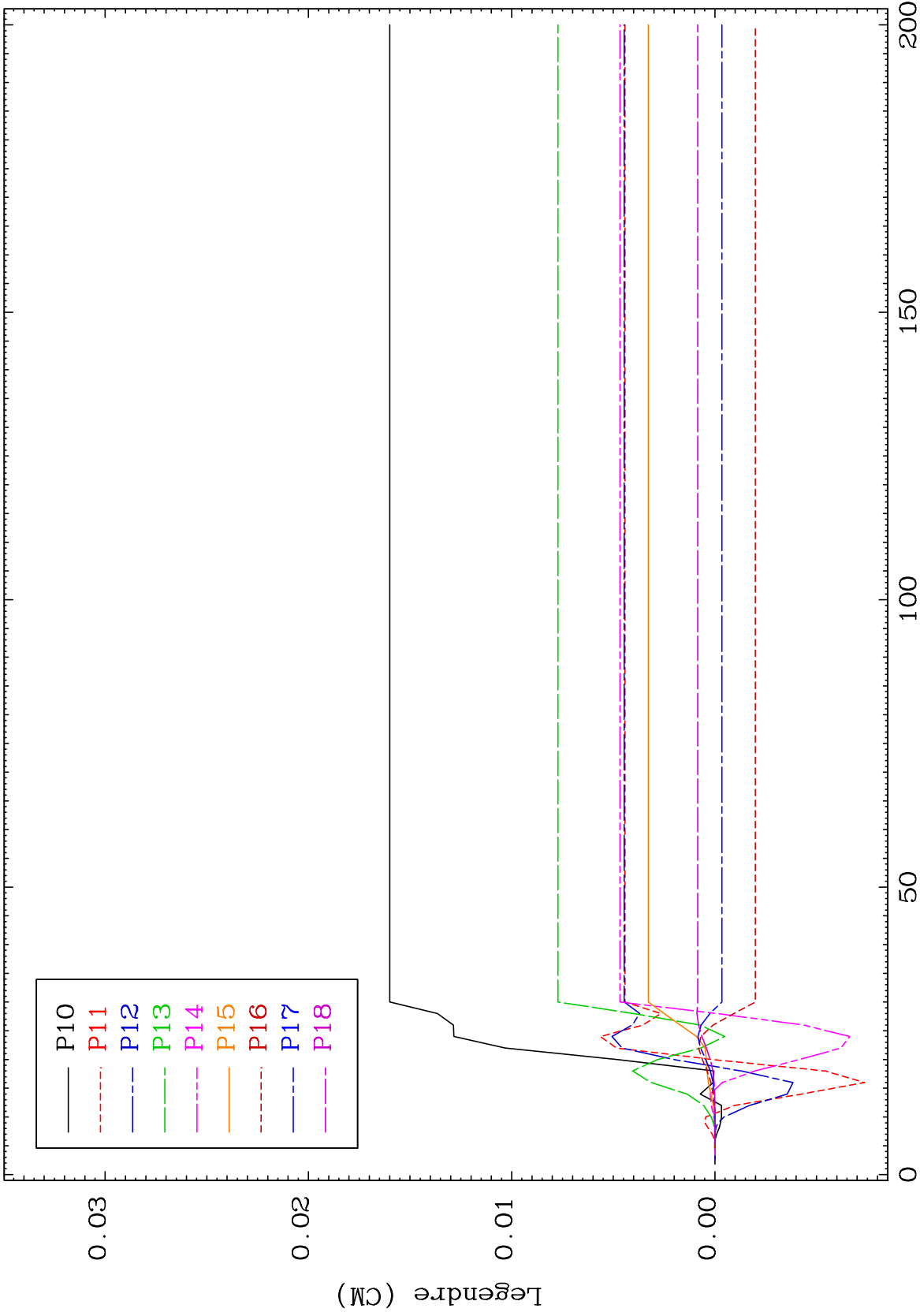
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



28

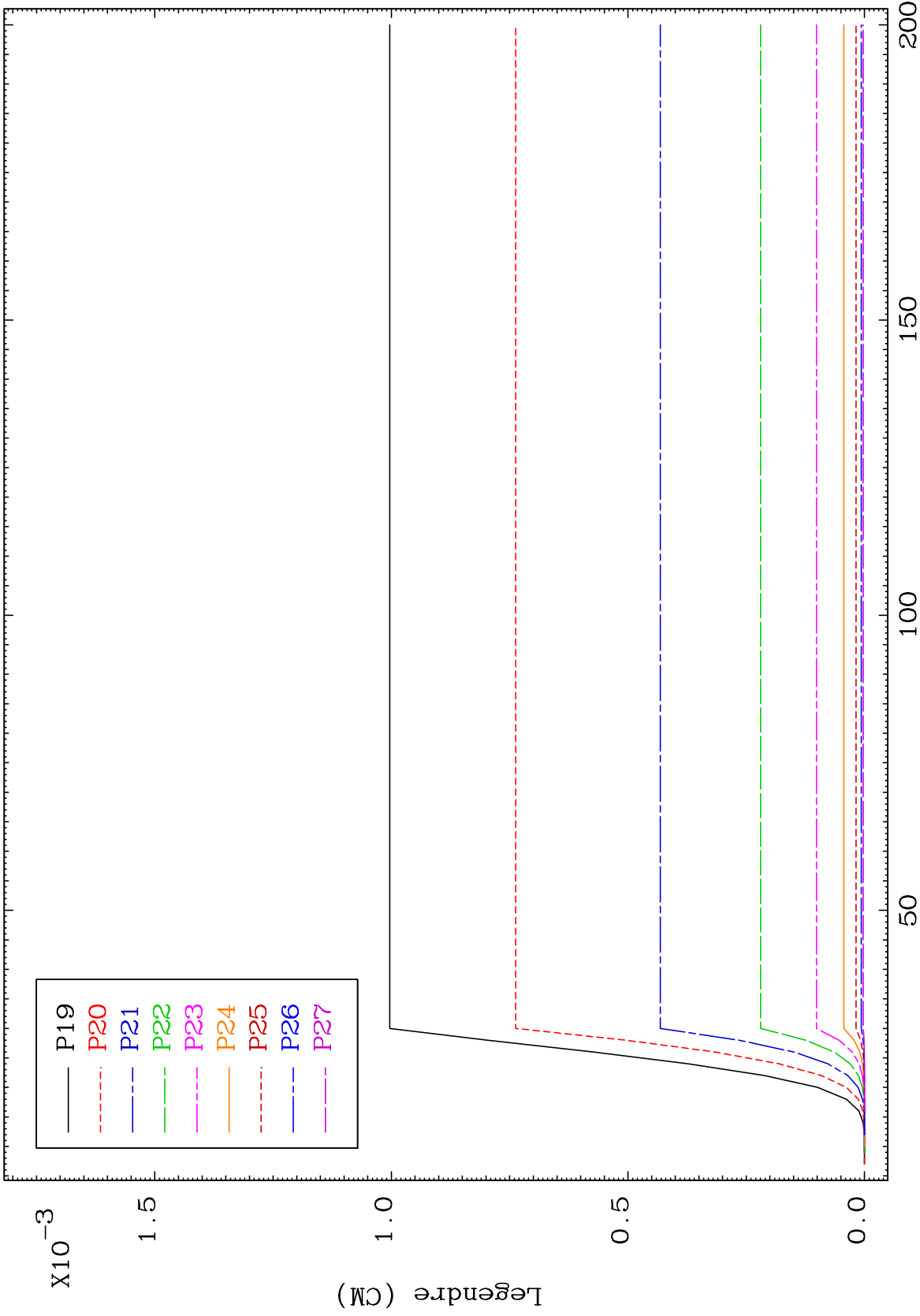
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



29

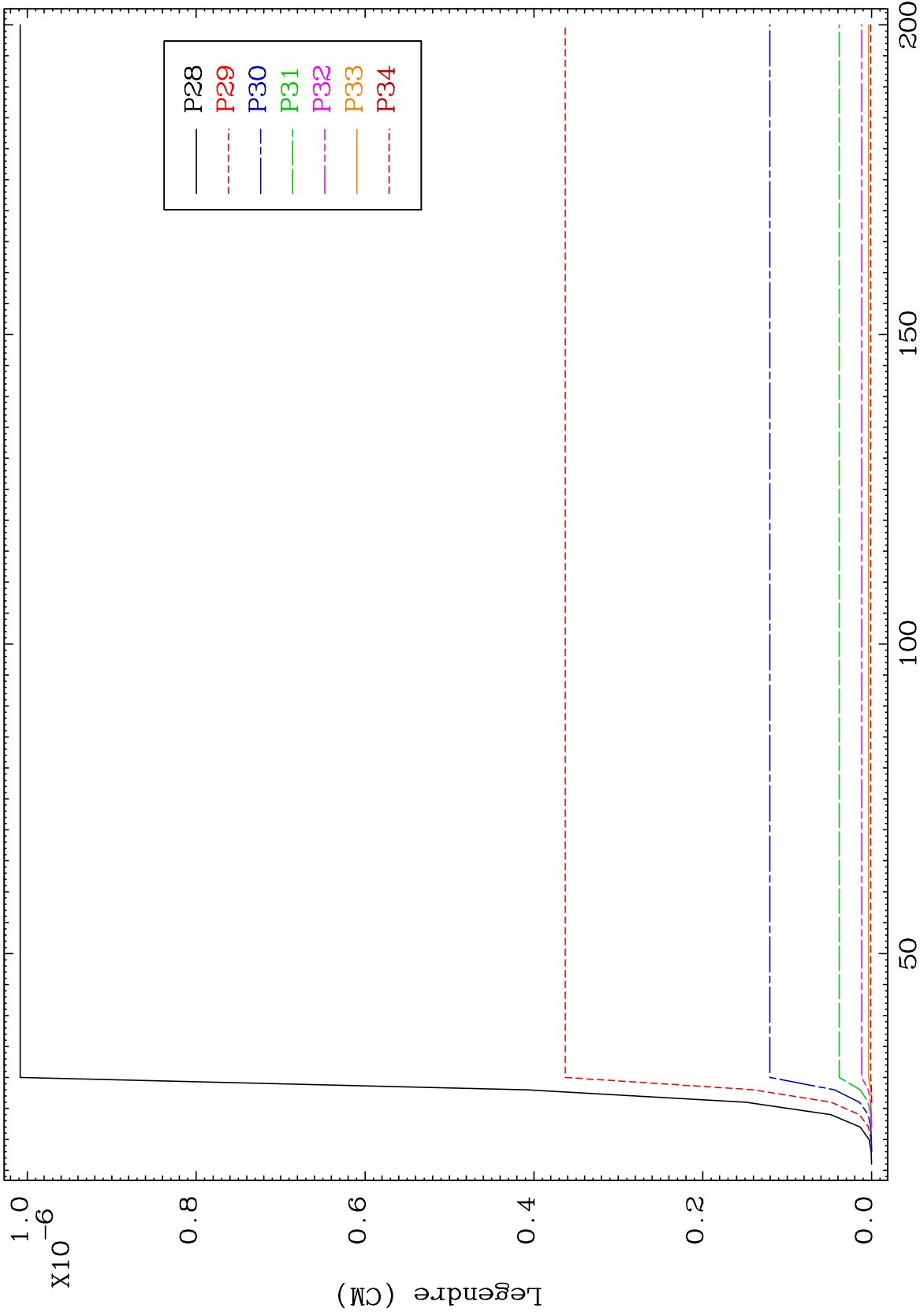
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



30

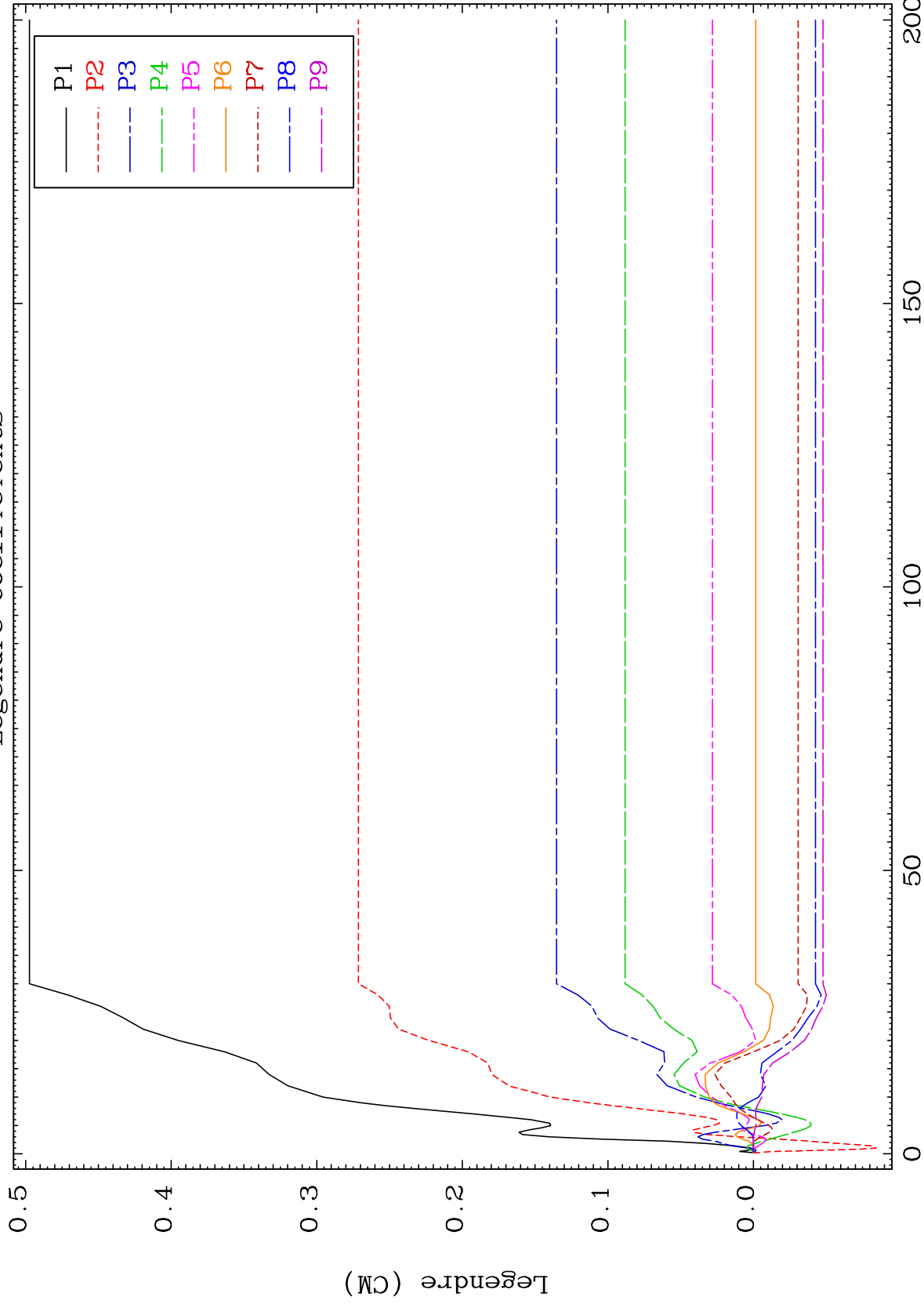
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



31

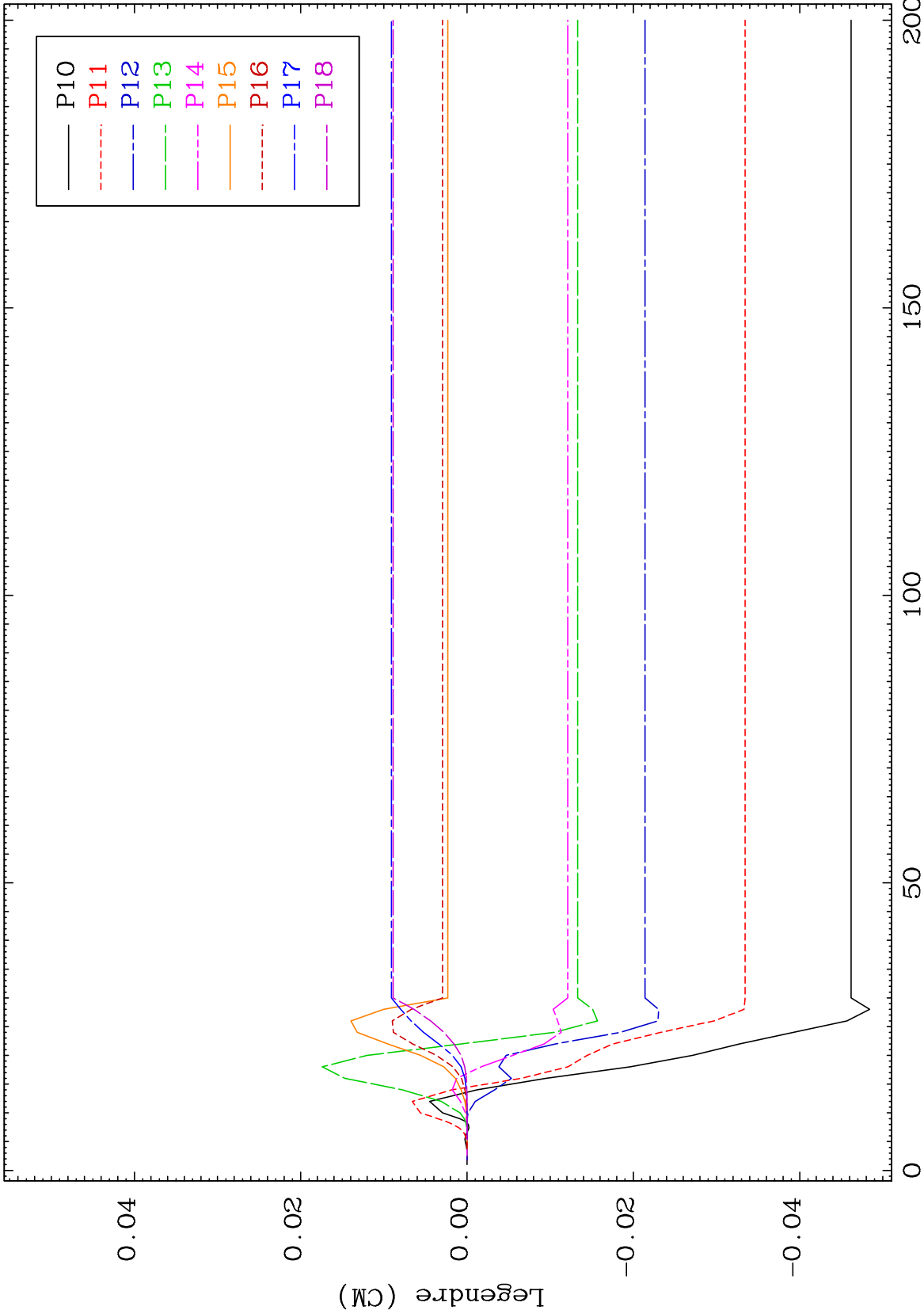
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



32

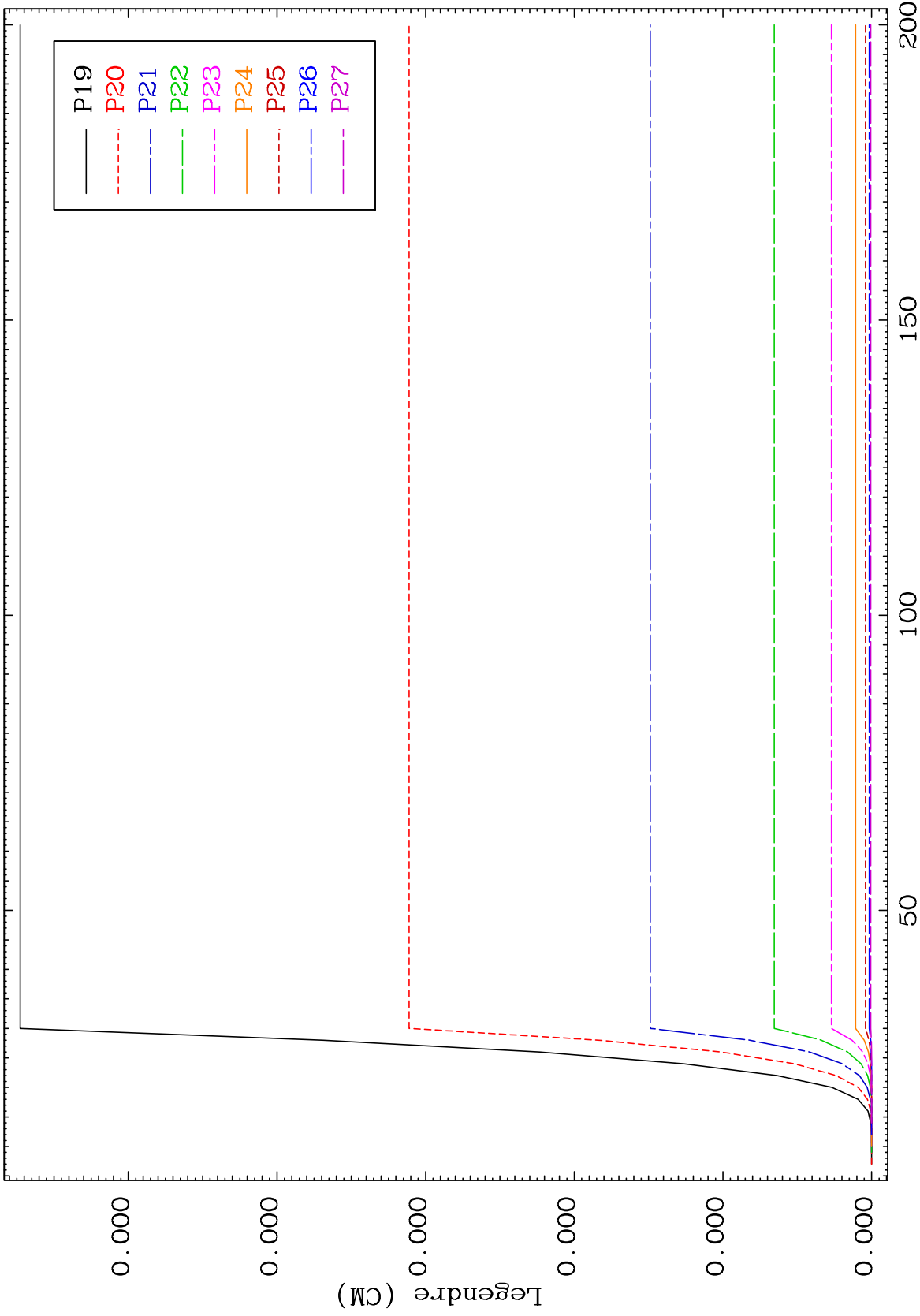
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



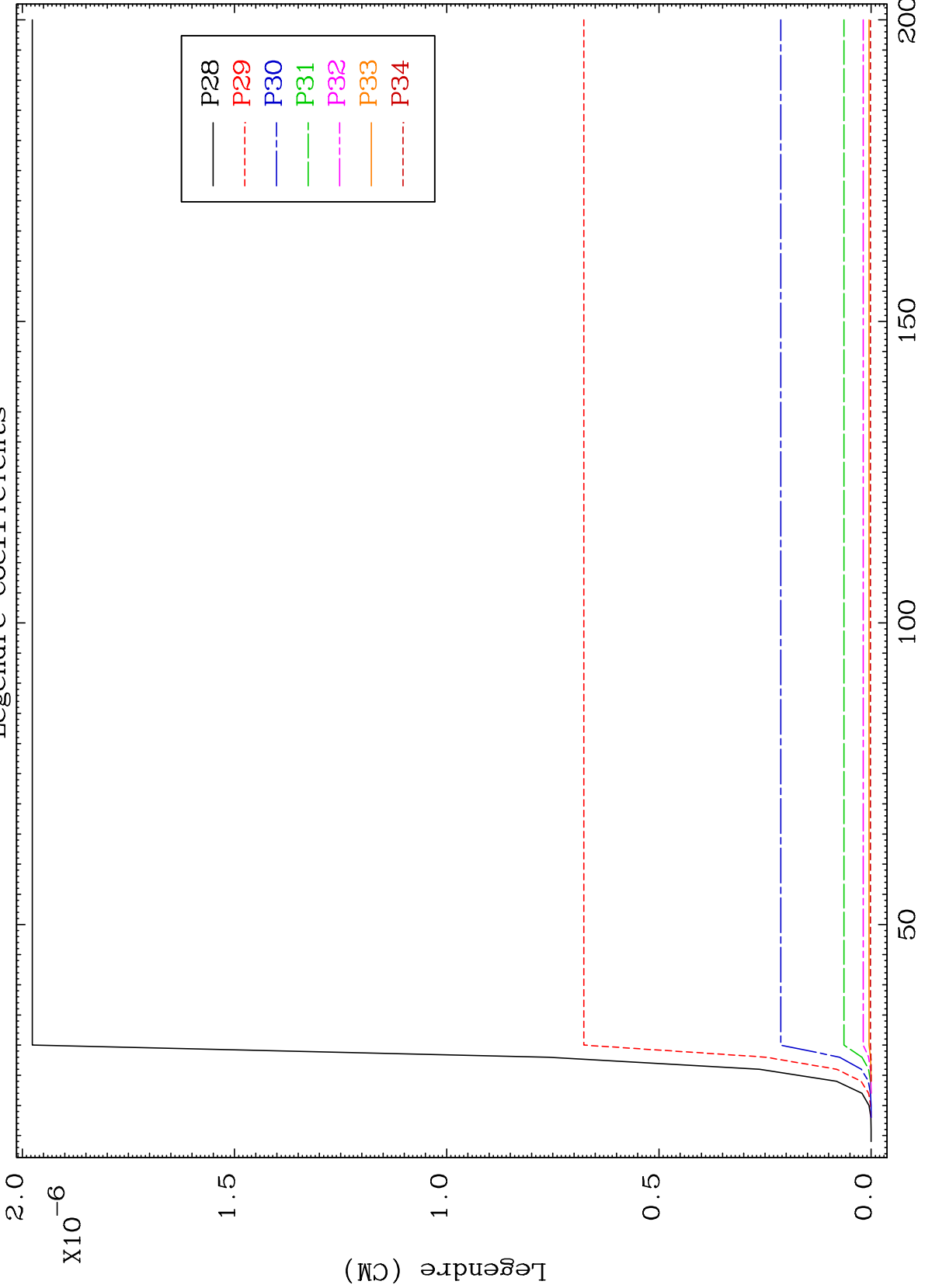
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44-Ru-109

MAT 4464

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

44-Ru-109



34

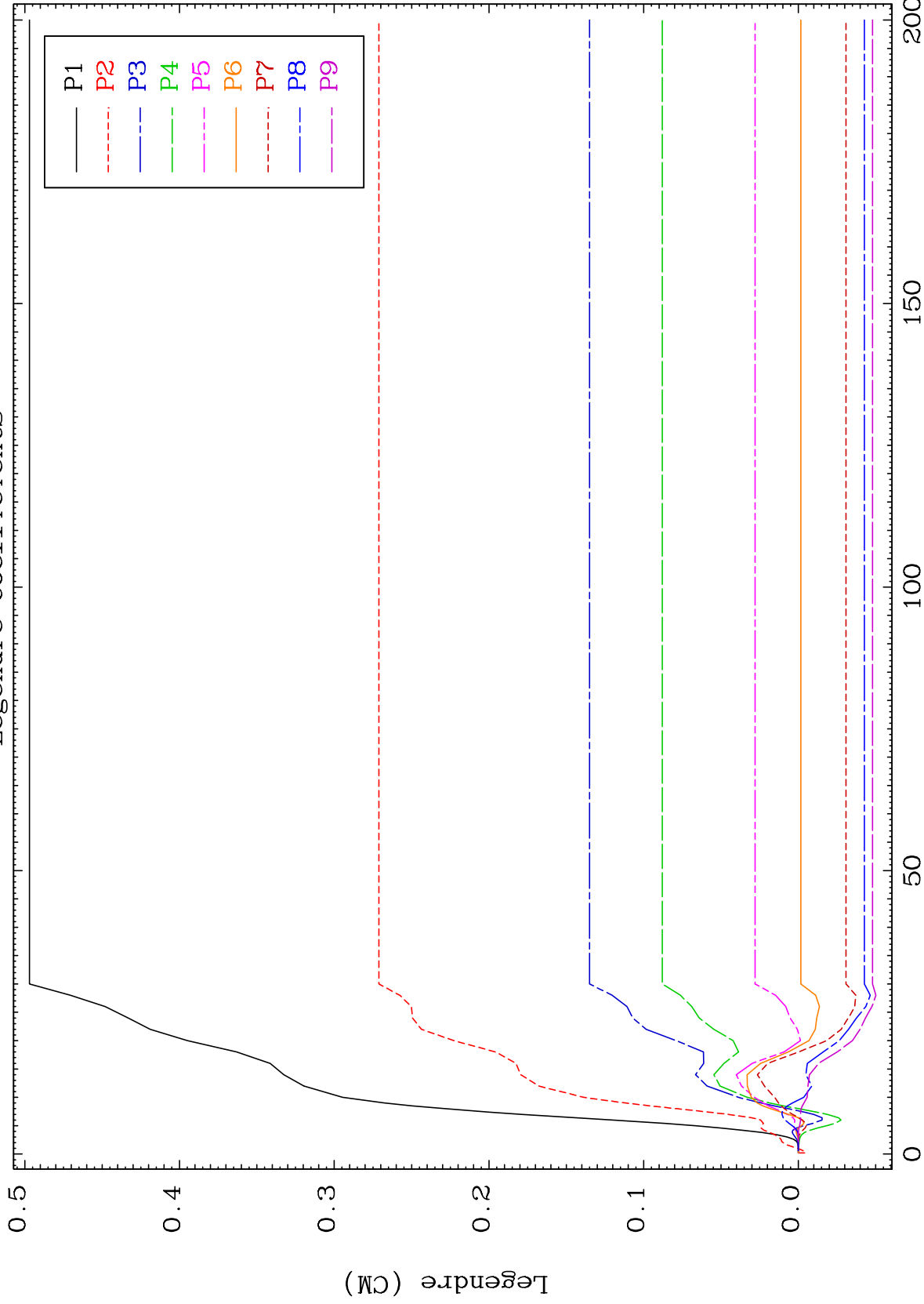
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



35

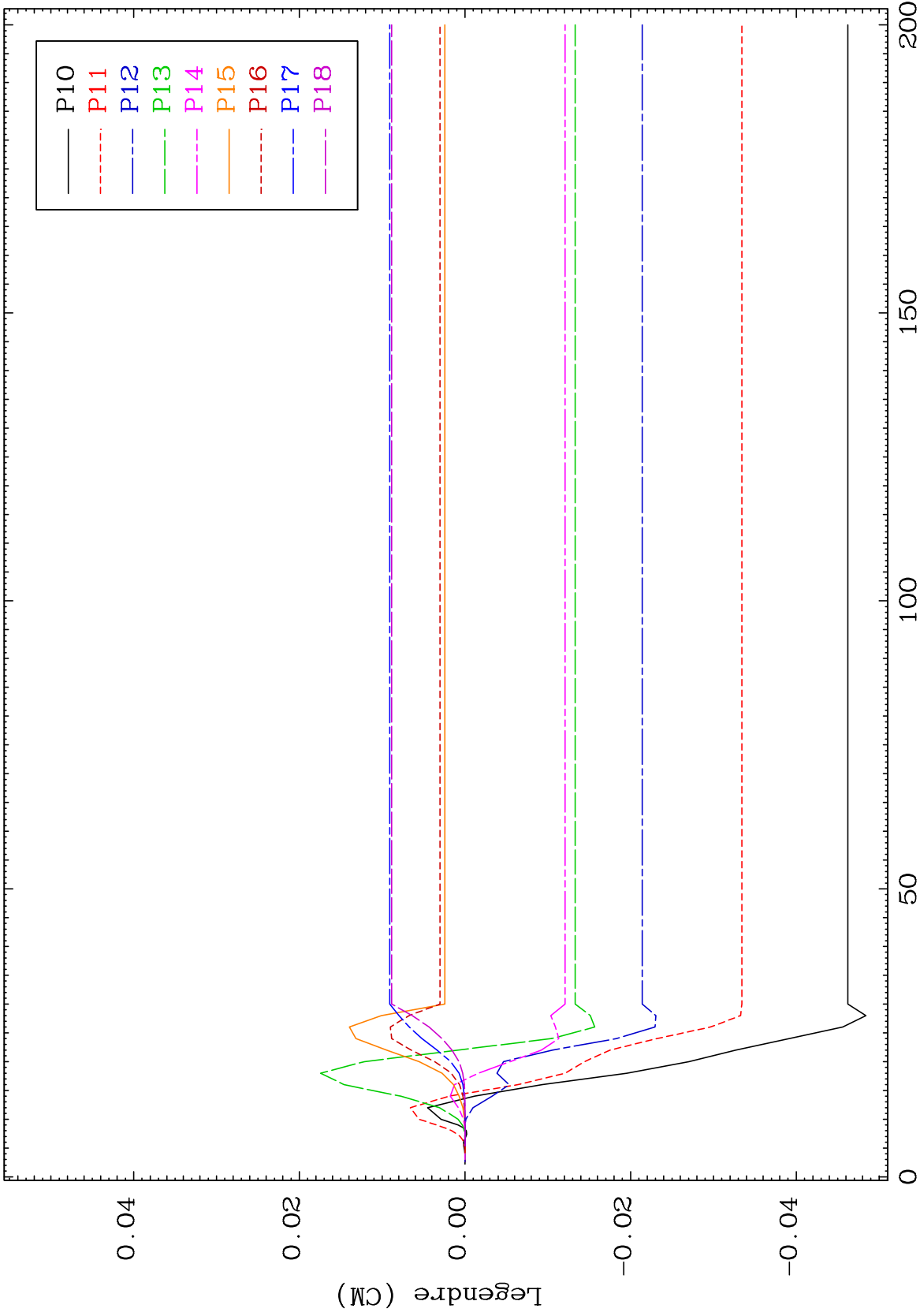
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



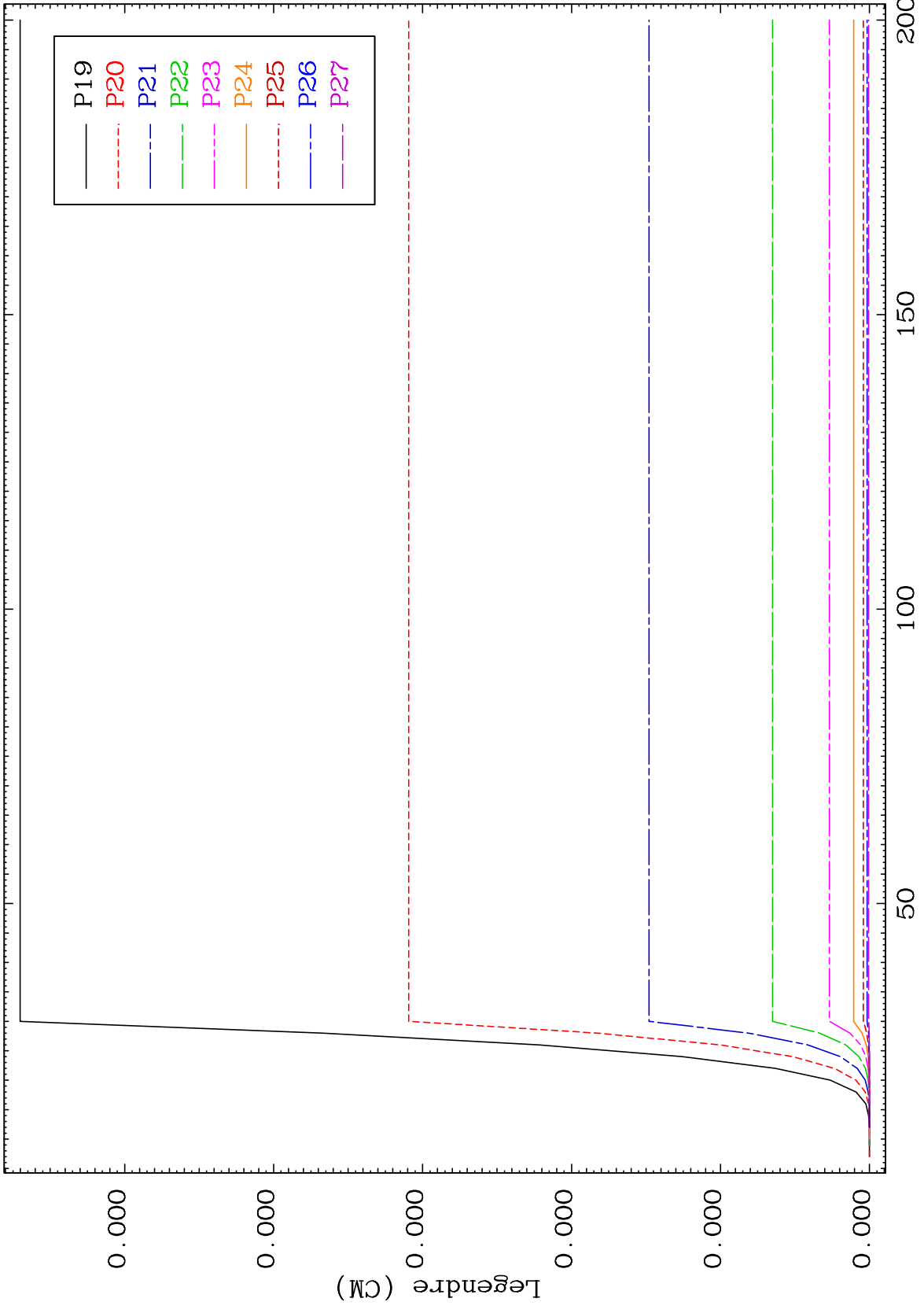
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44-Ru-109

MAT 4464

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

44-Ru-109



37

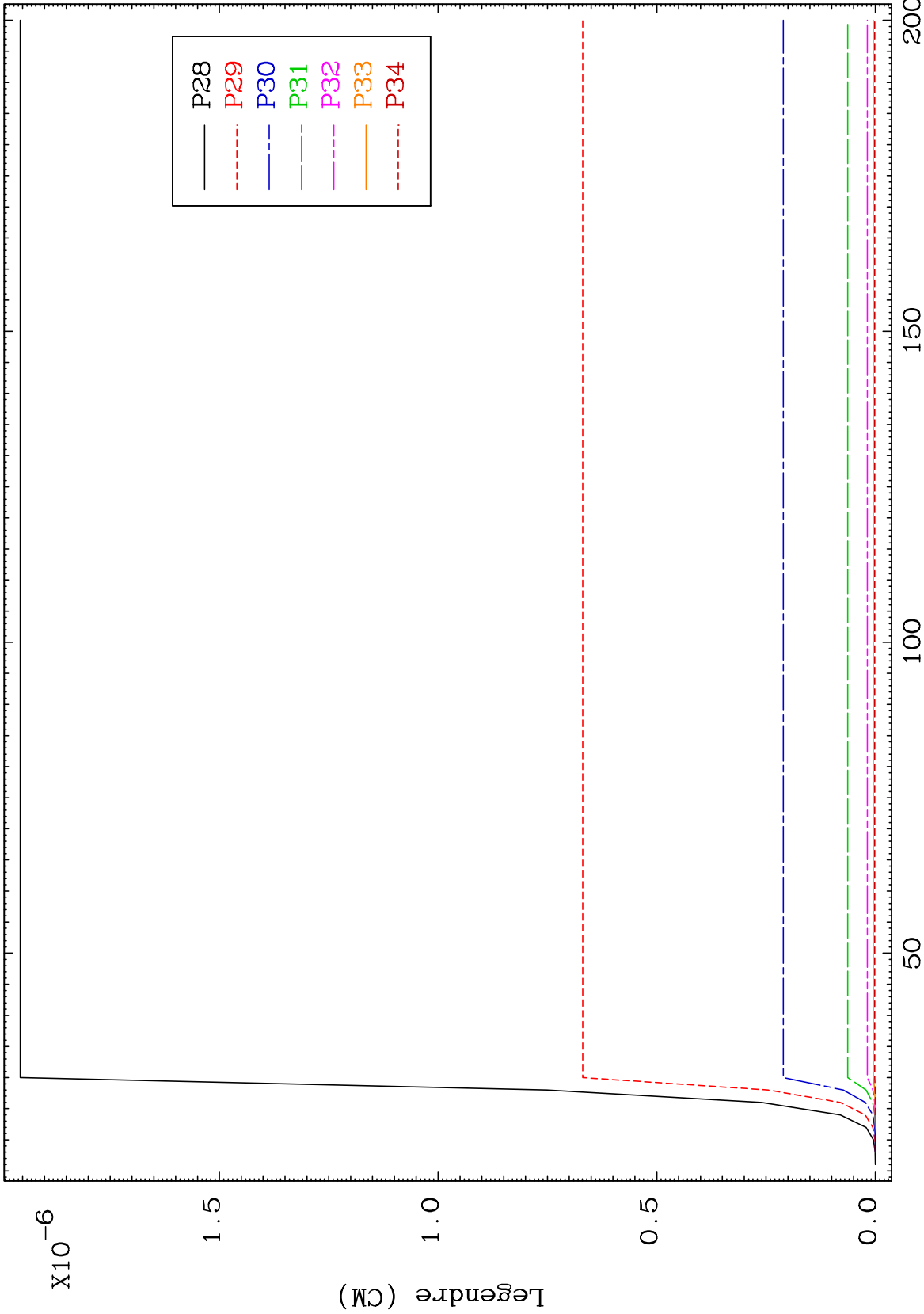
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

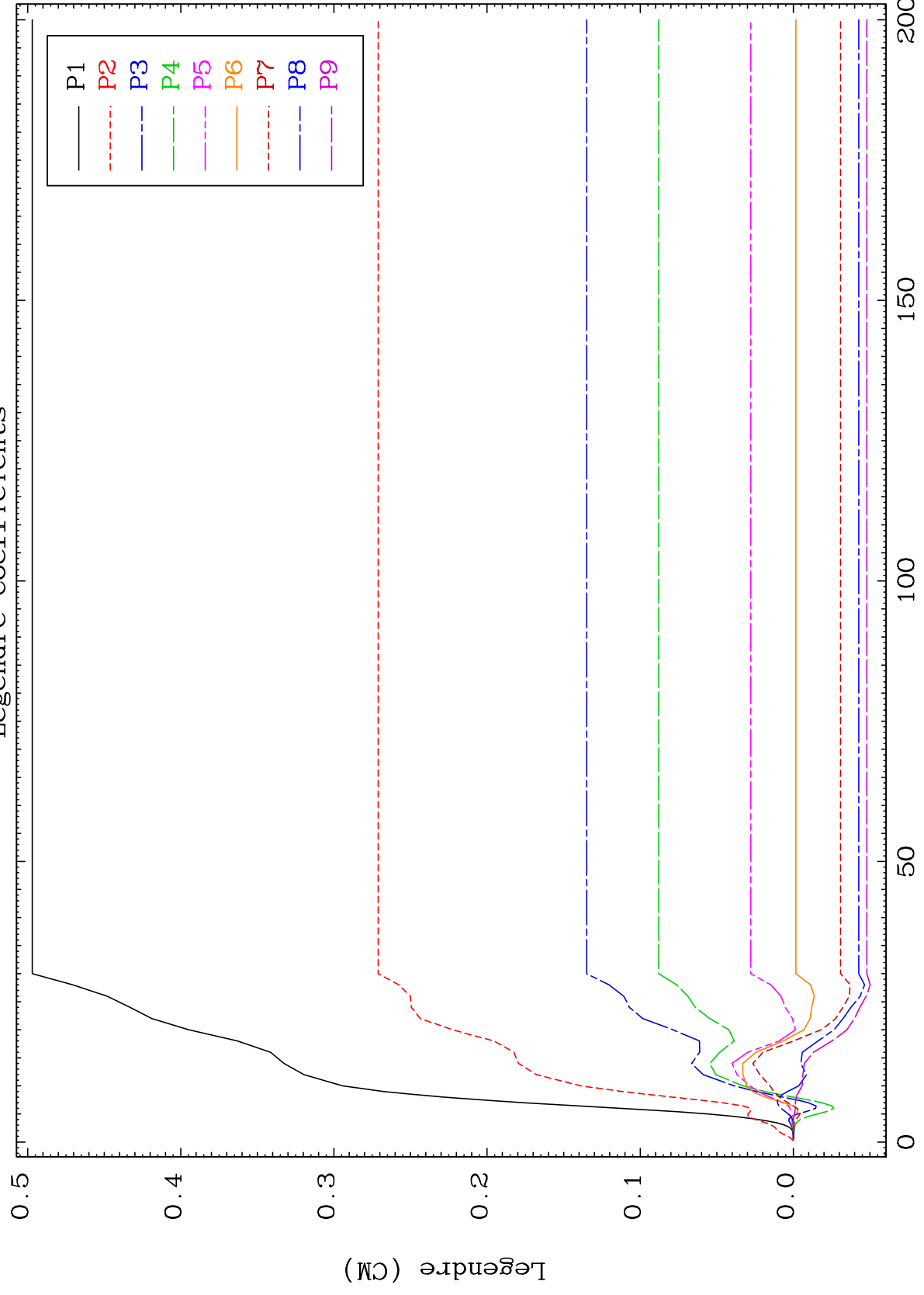
44-Ru-109



38

44-Ru-109

MAT 4464 MT= 56 (n,n') Level Legendre Coefficients 44-Ru-109

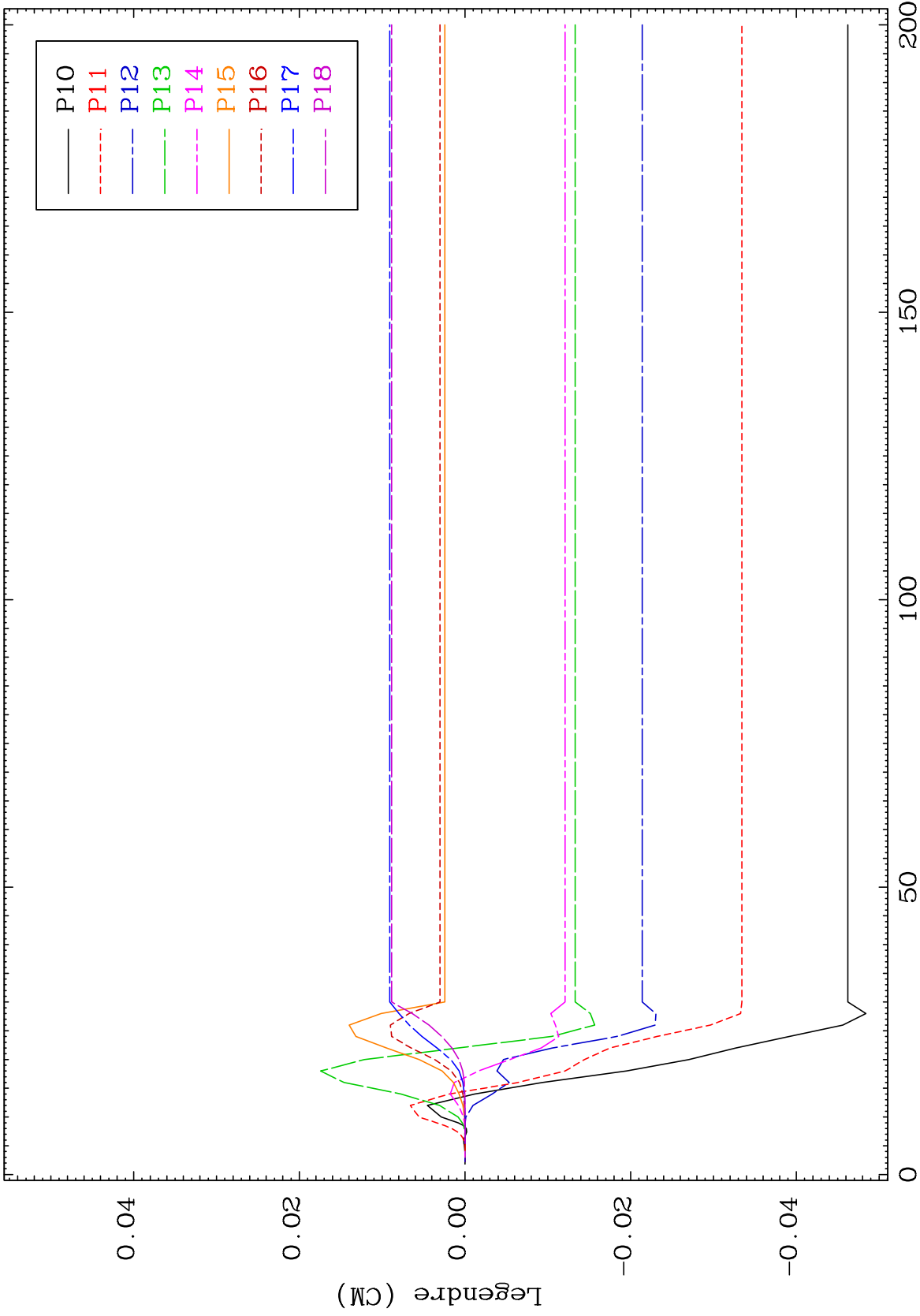


39 44-Ru-109

MAT 4464

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

44-Ru-109



40

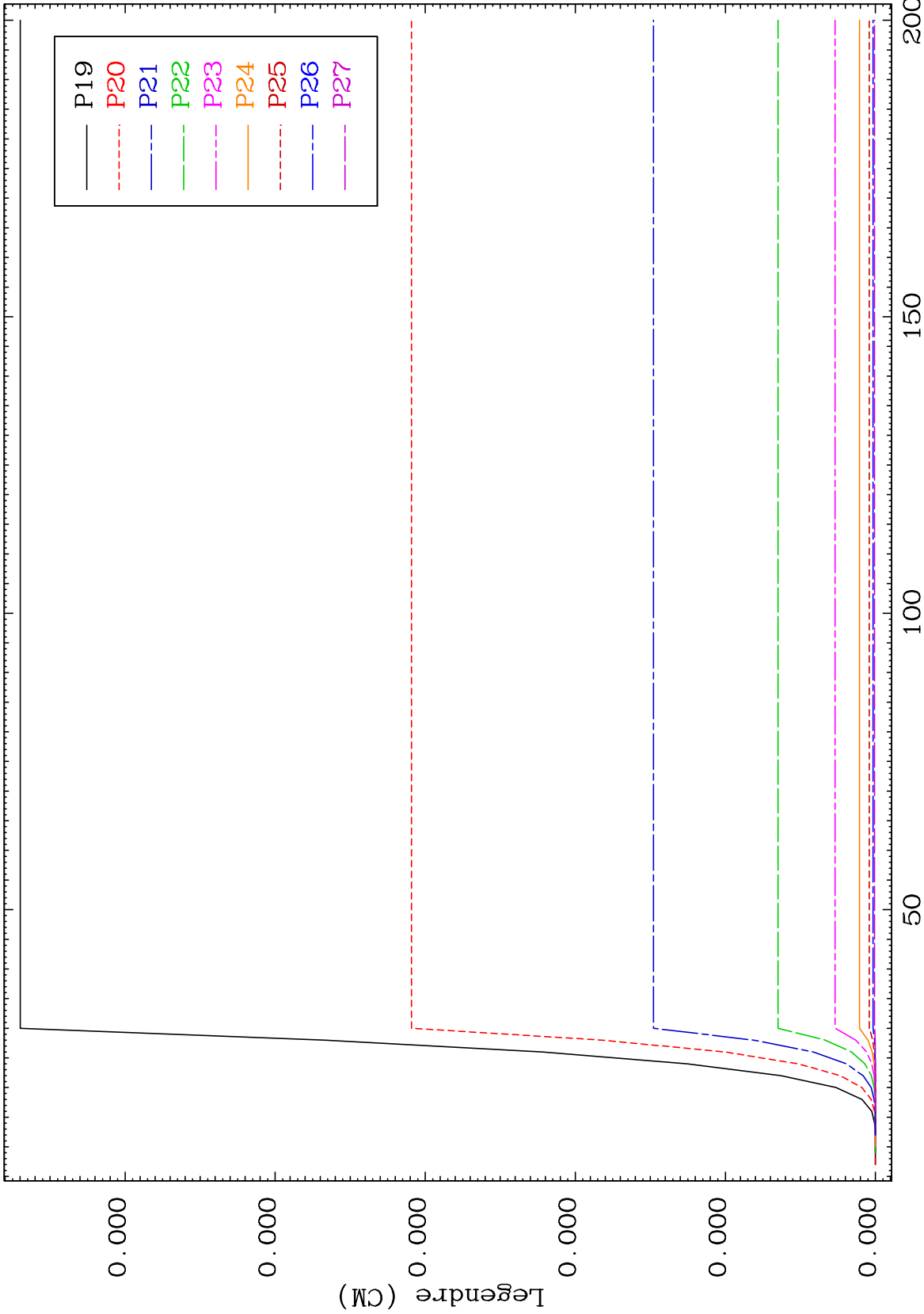
Incident Energy (MeV)

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MAT 4464

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

44-Ru-109



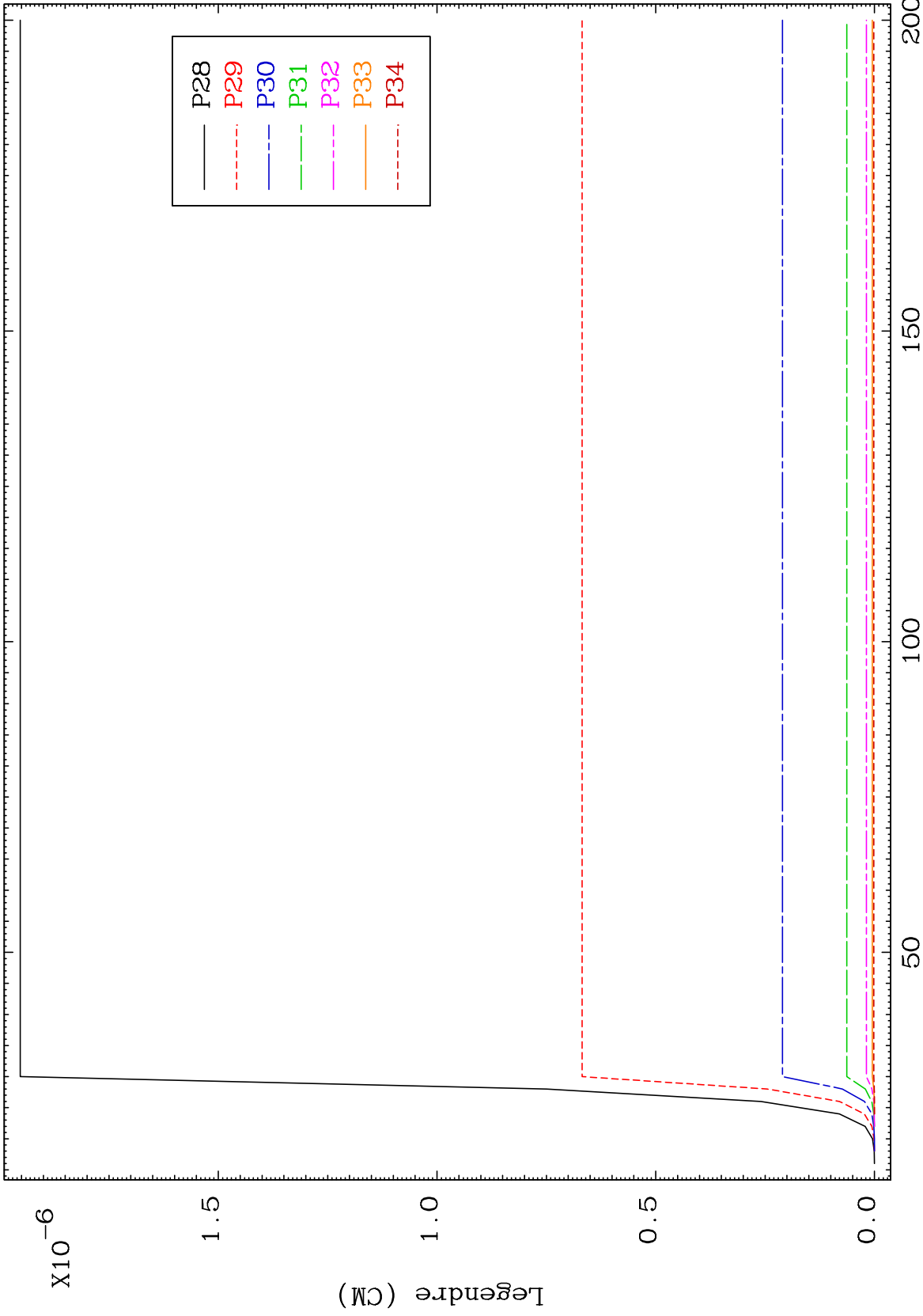
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44-Ru-109

MAT 4464

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

44-Ru-109



42

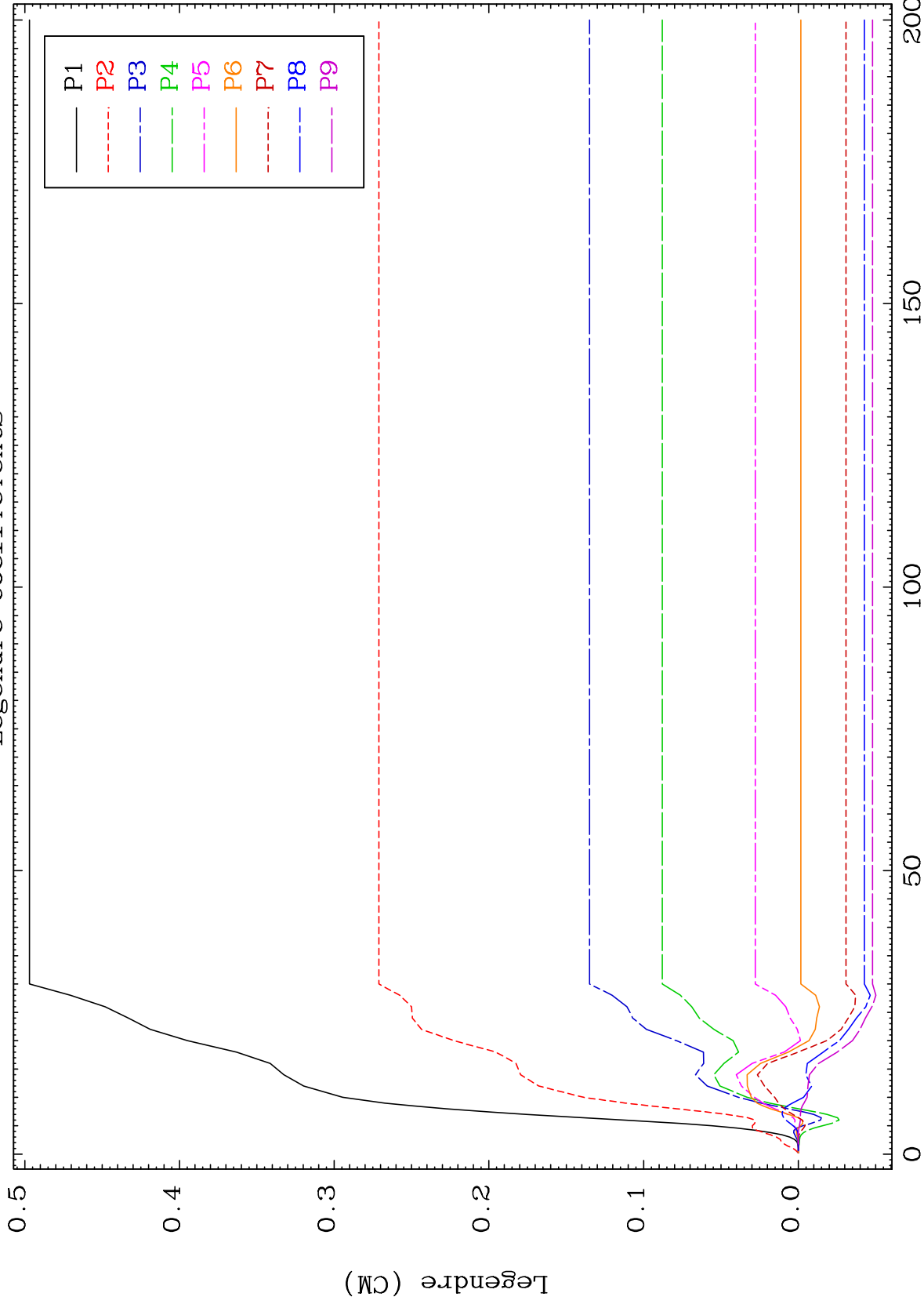
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



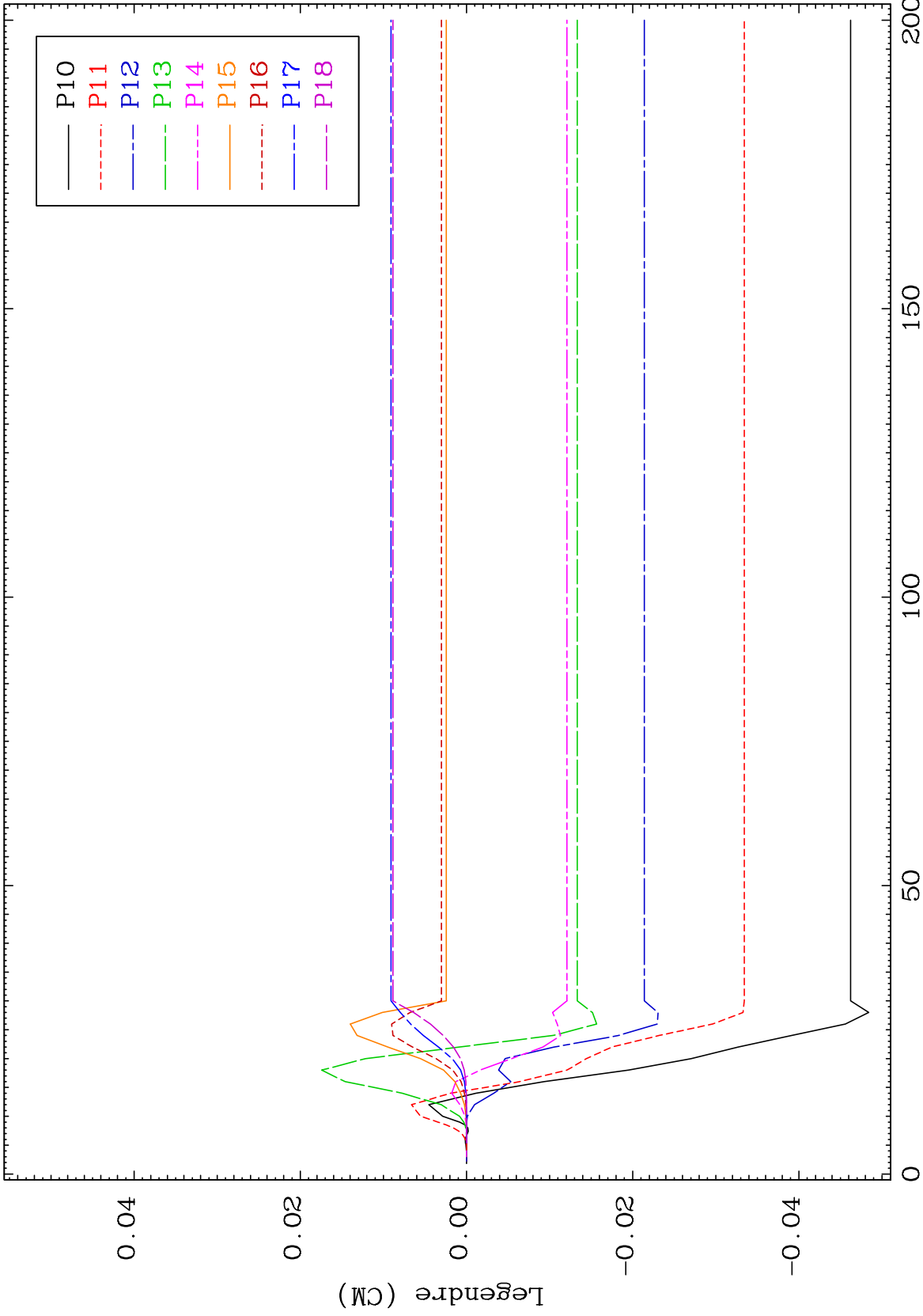
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44-Ru-109

MAT 4464

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

44-Ru-109



44

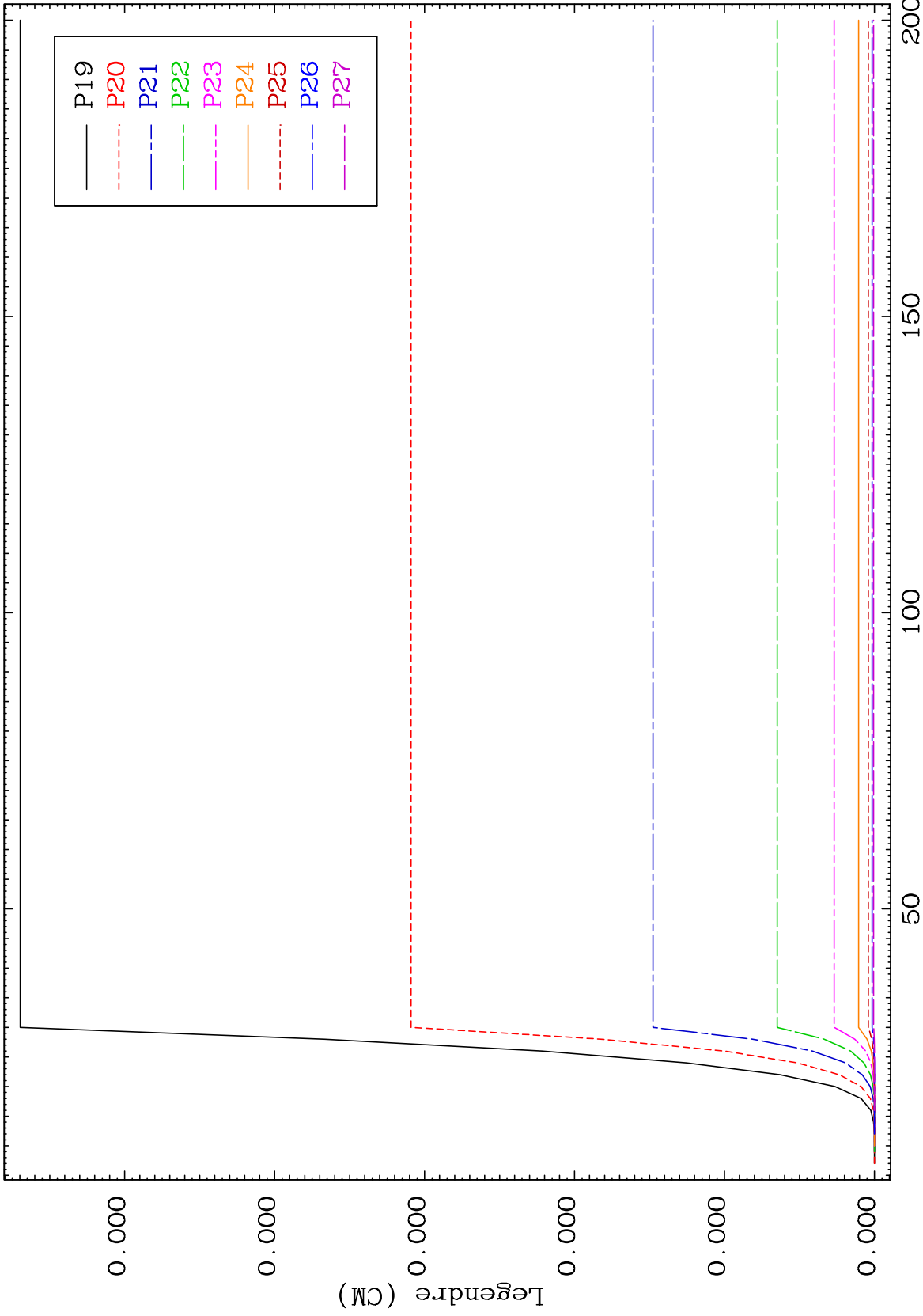
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



45

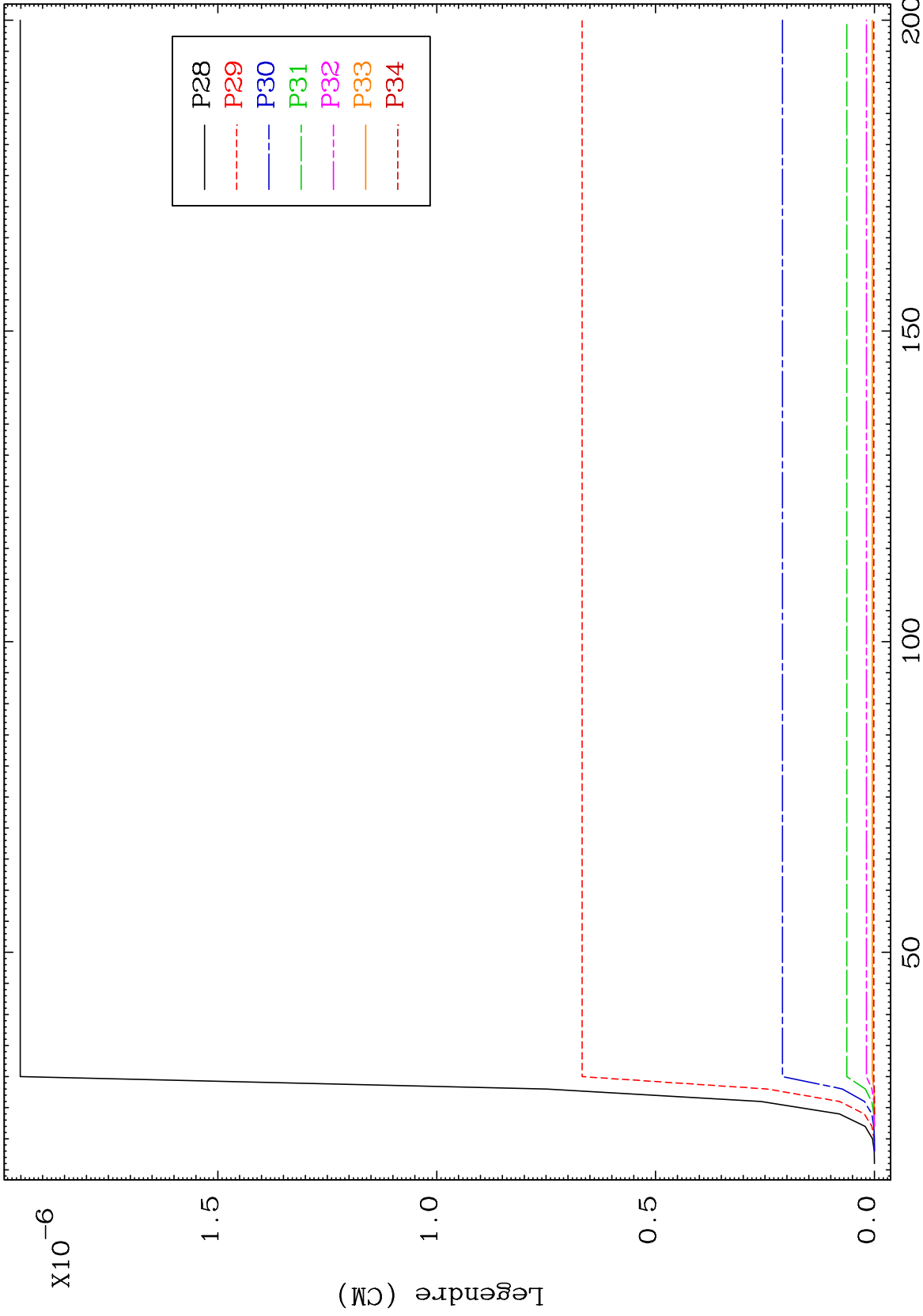
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



46

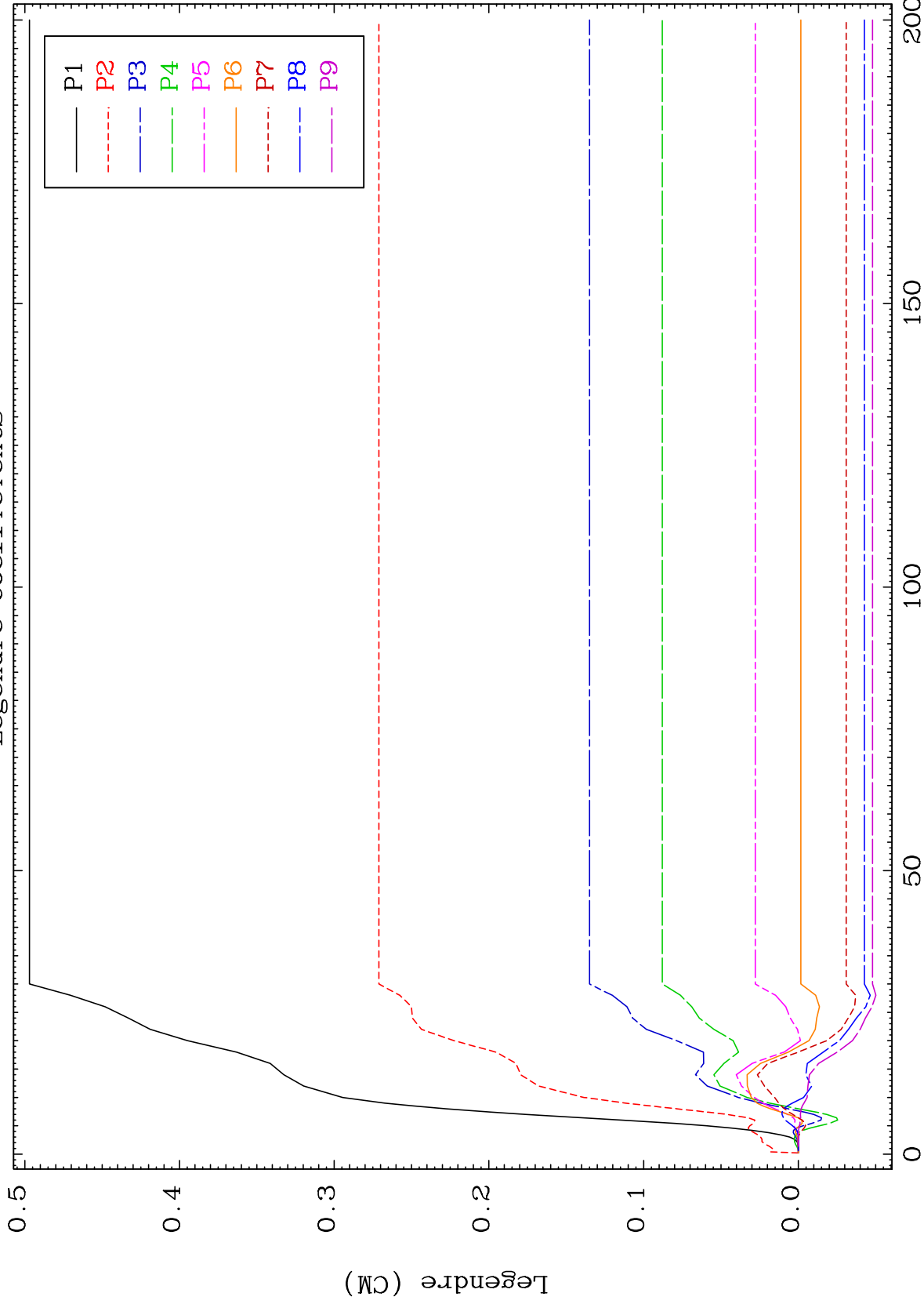
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



47

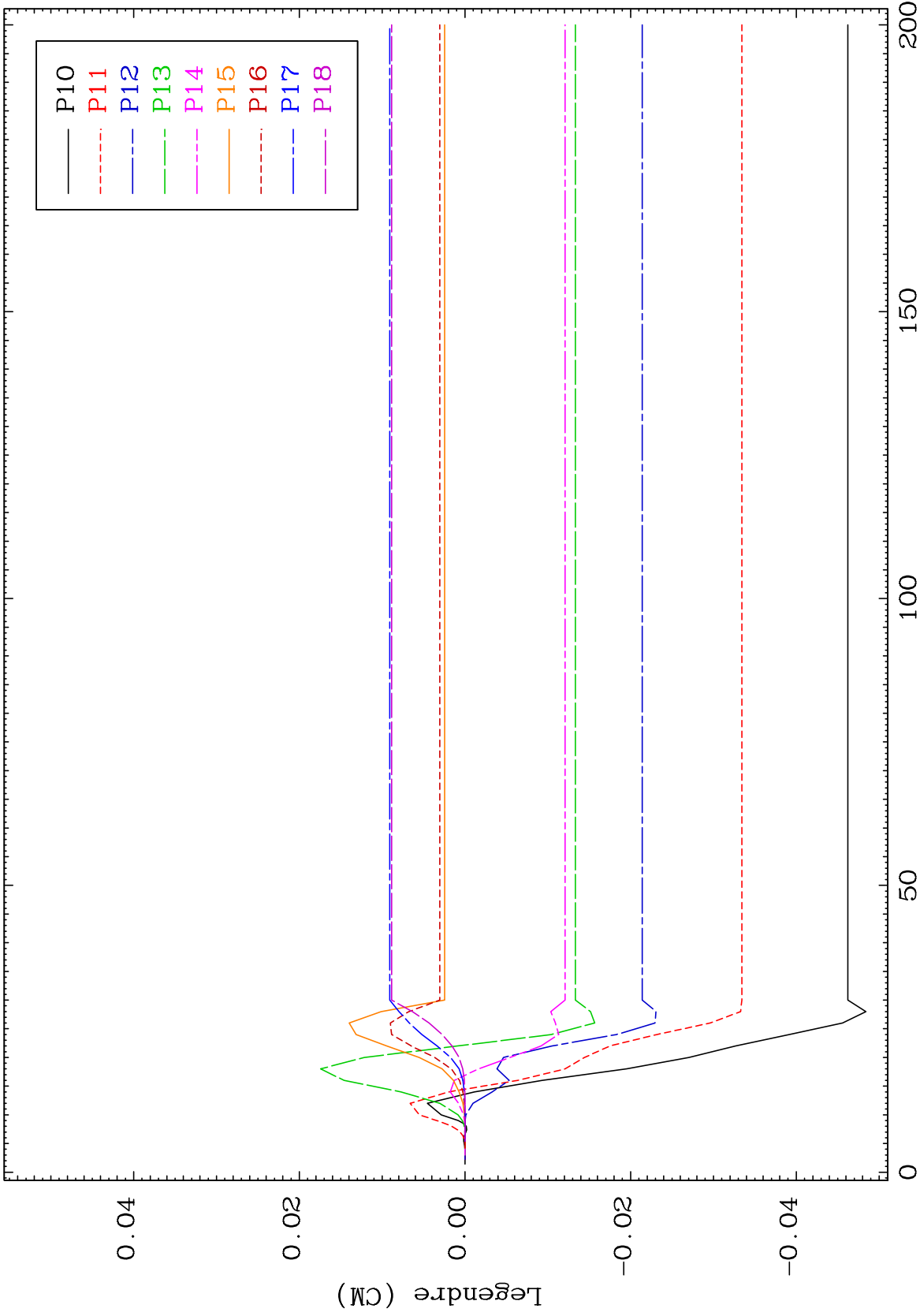
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



48

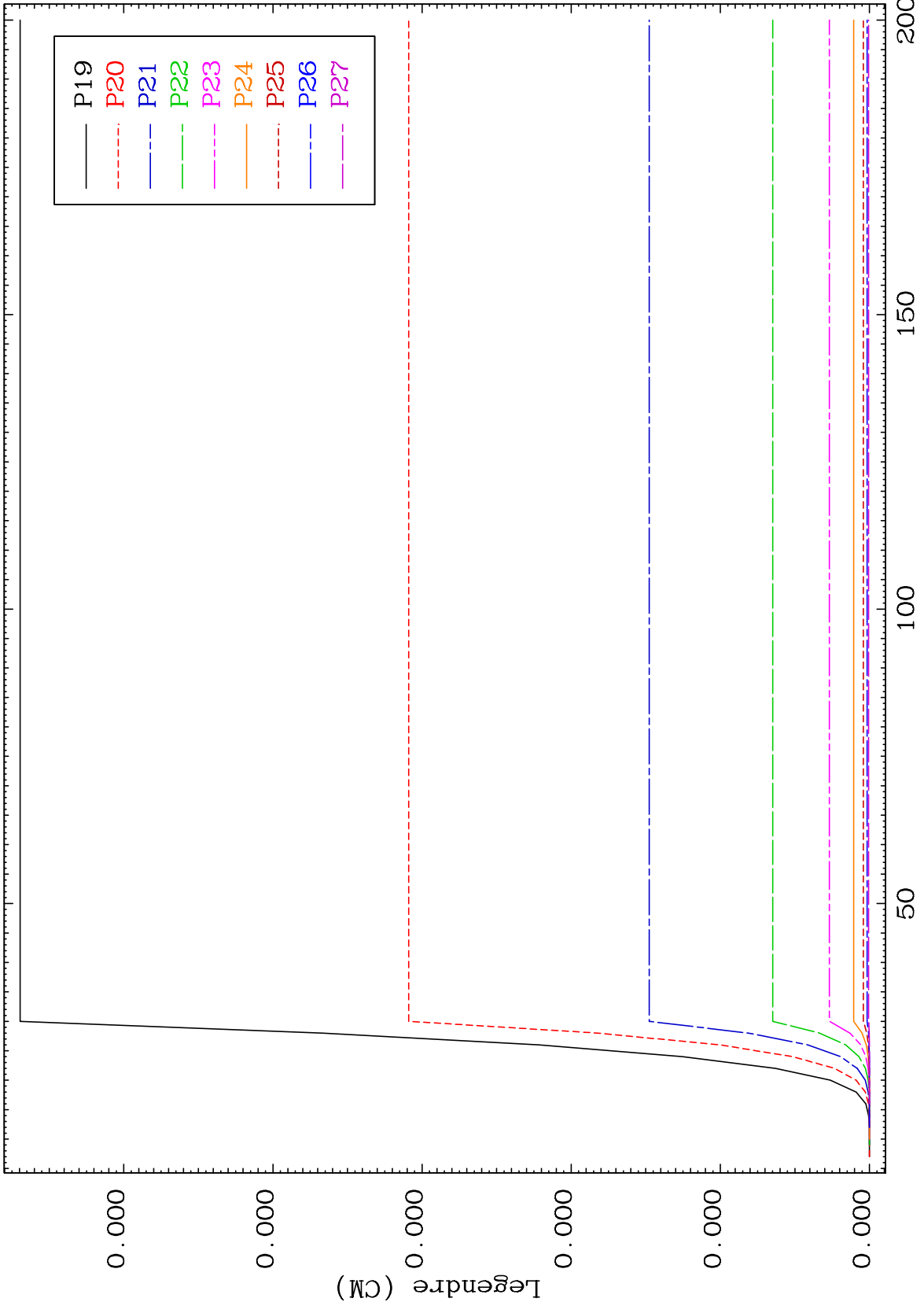
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



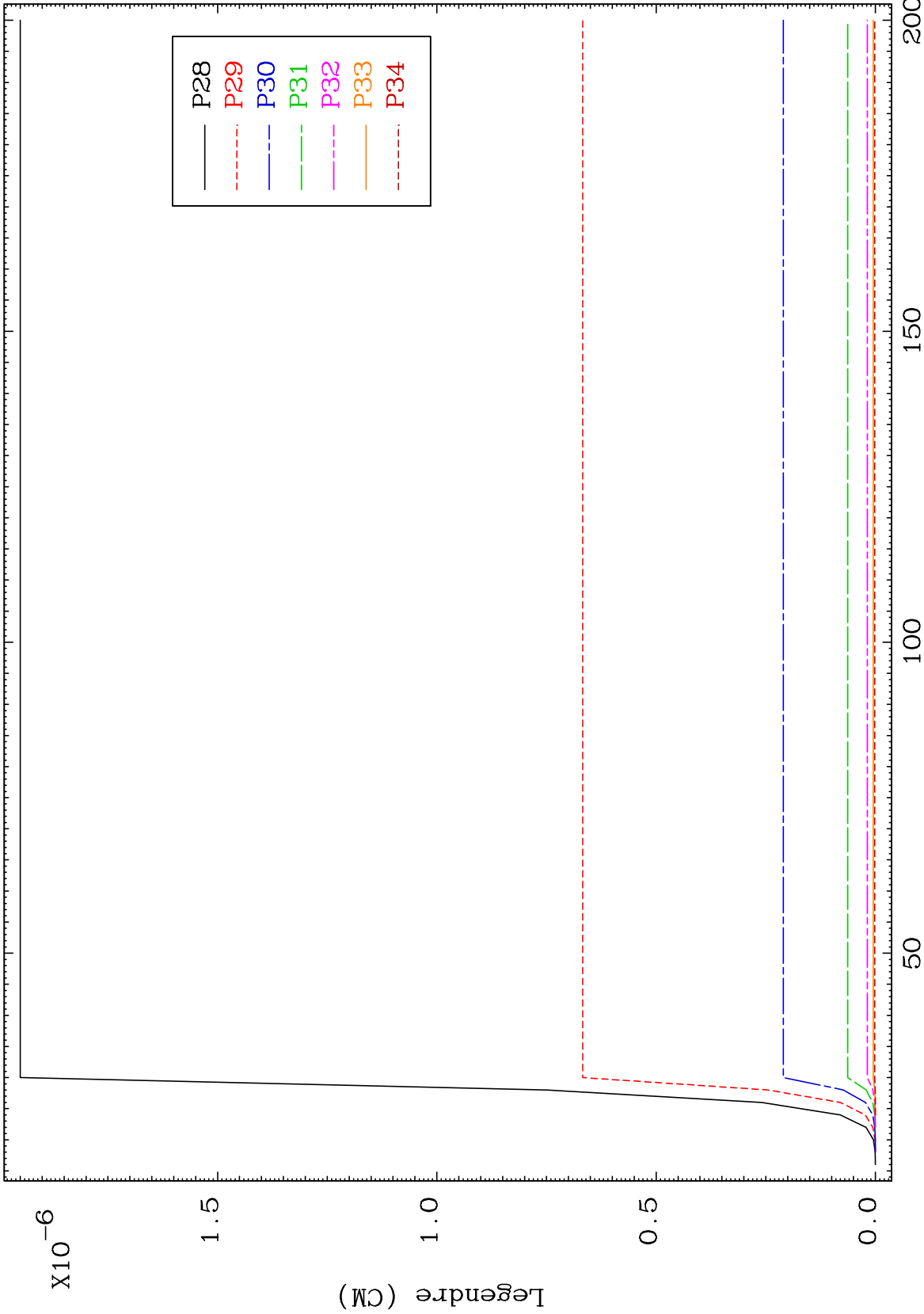
49

44-Ru-109

MAT 4464

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

44-Ru-109



50

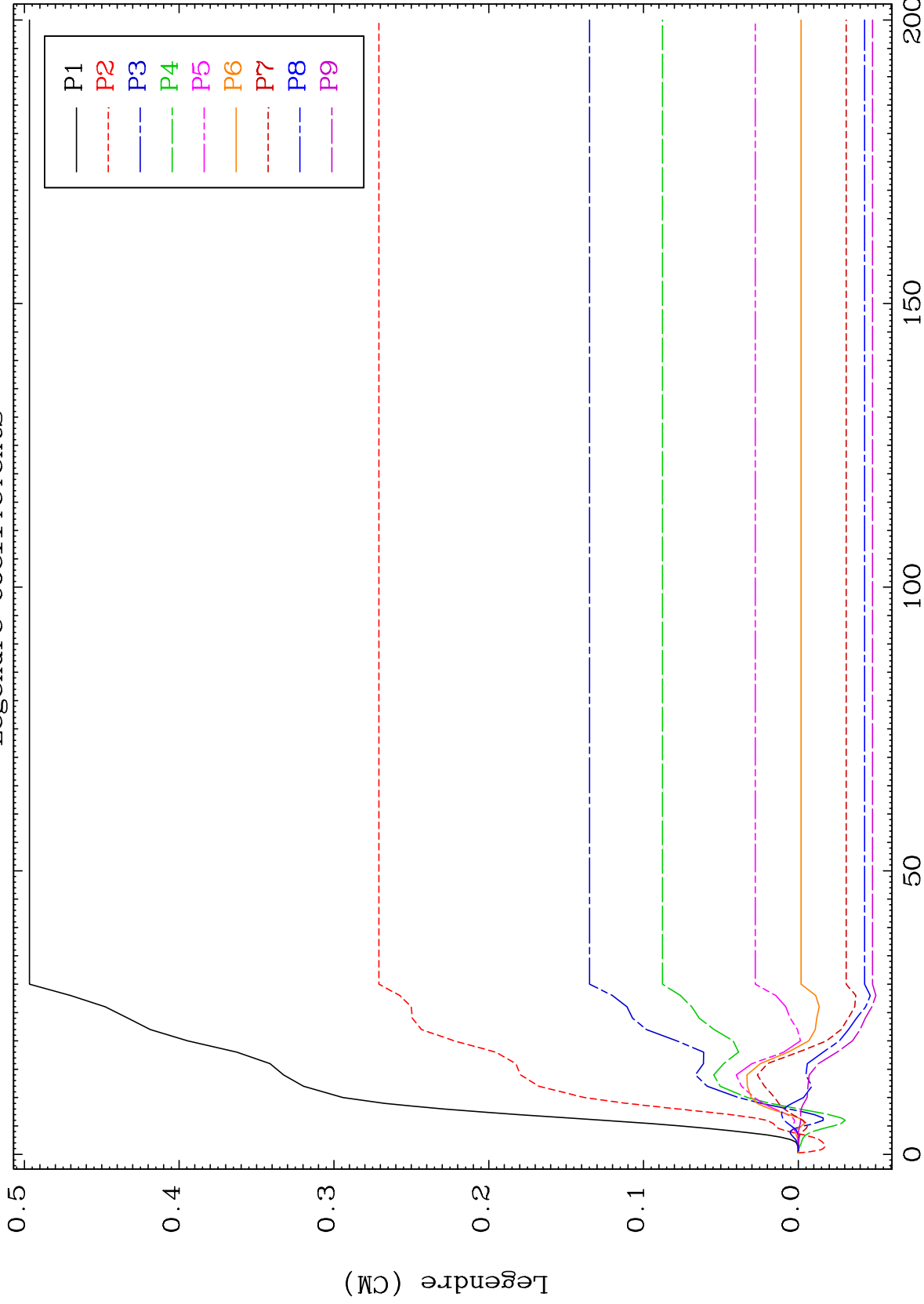
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



51

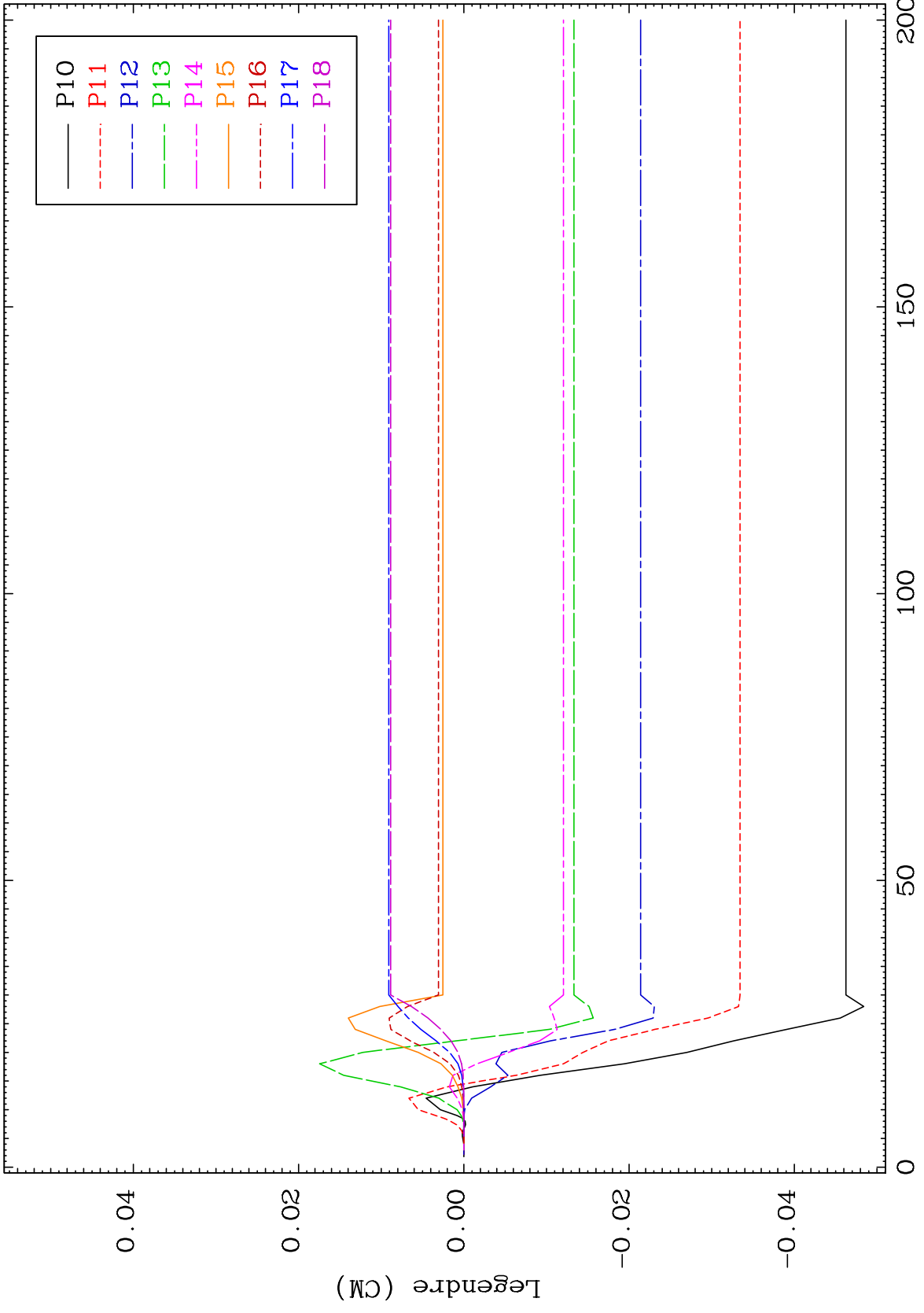
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



52

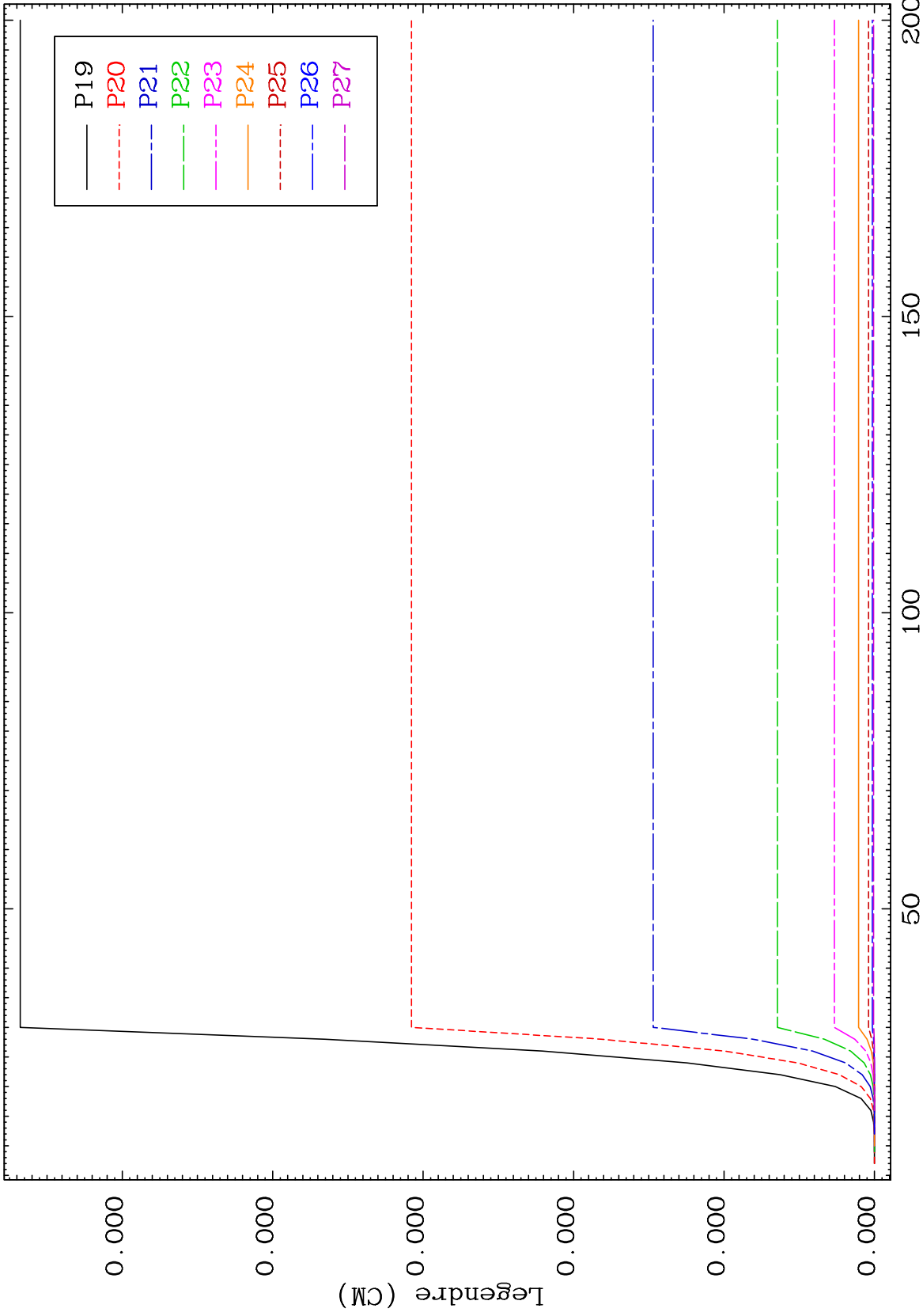
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



53

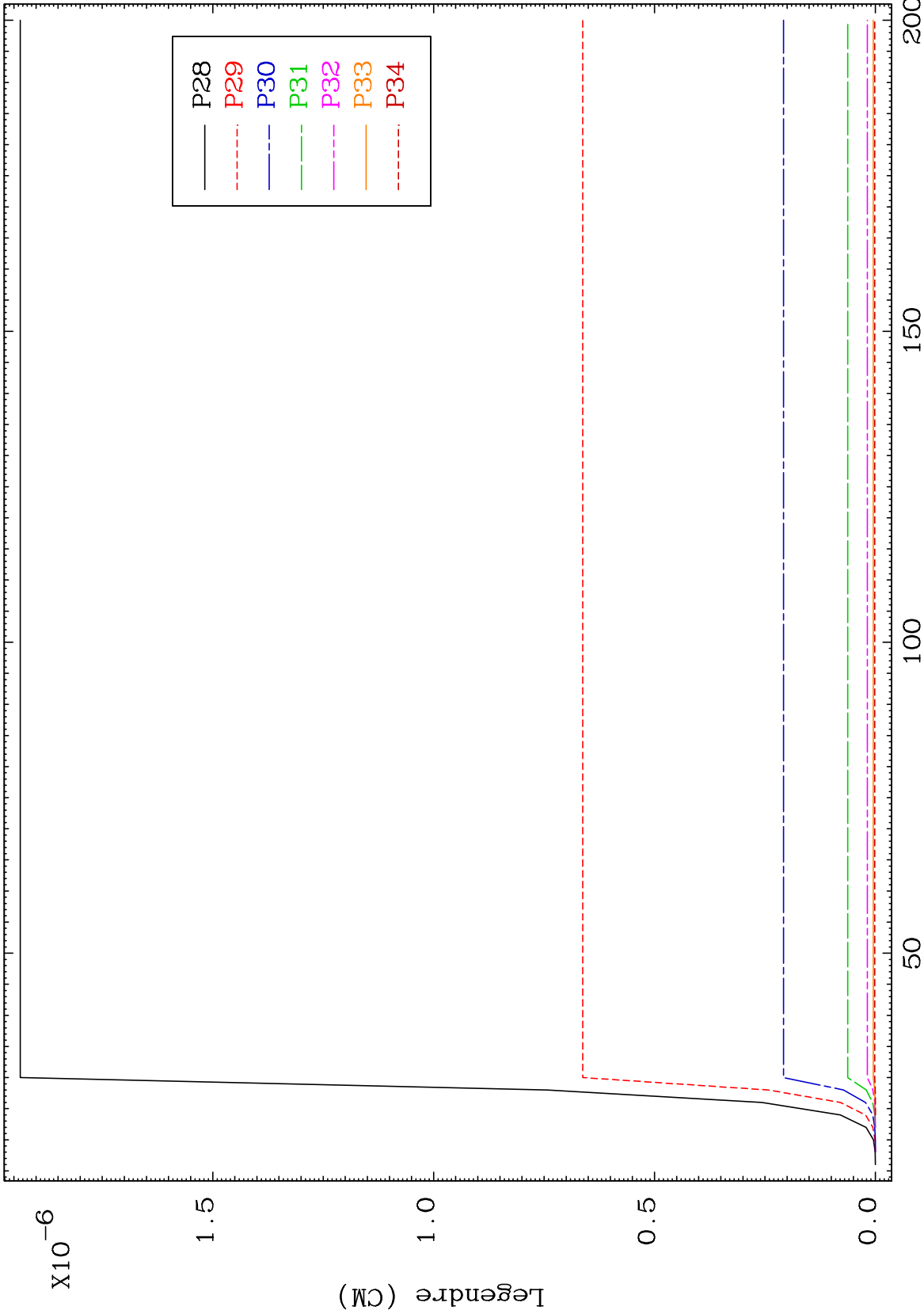
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



54

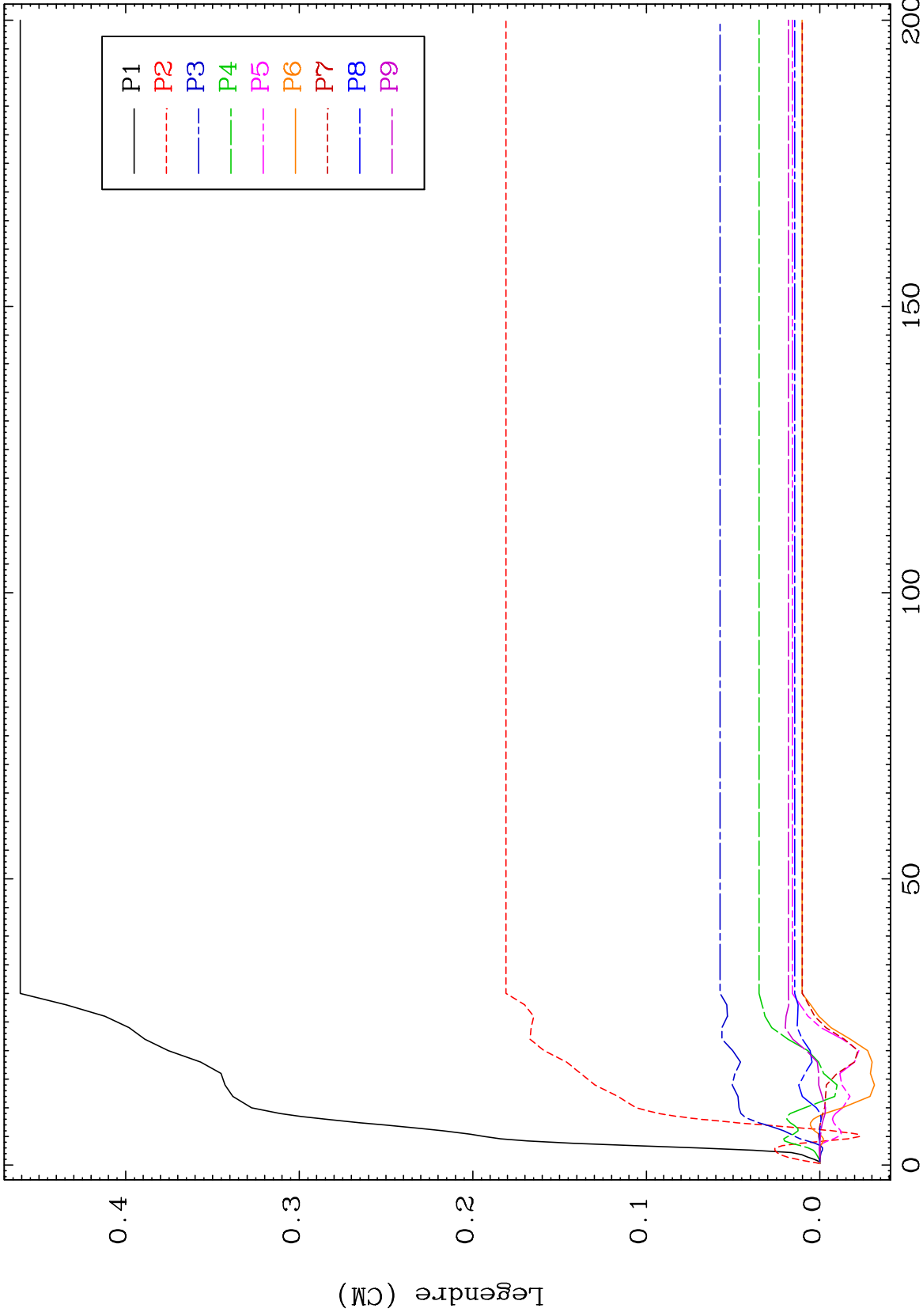
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



55

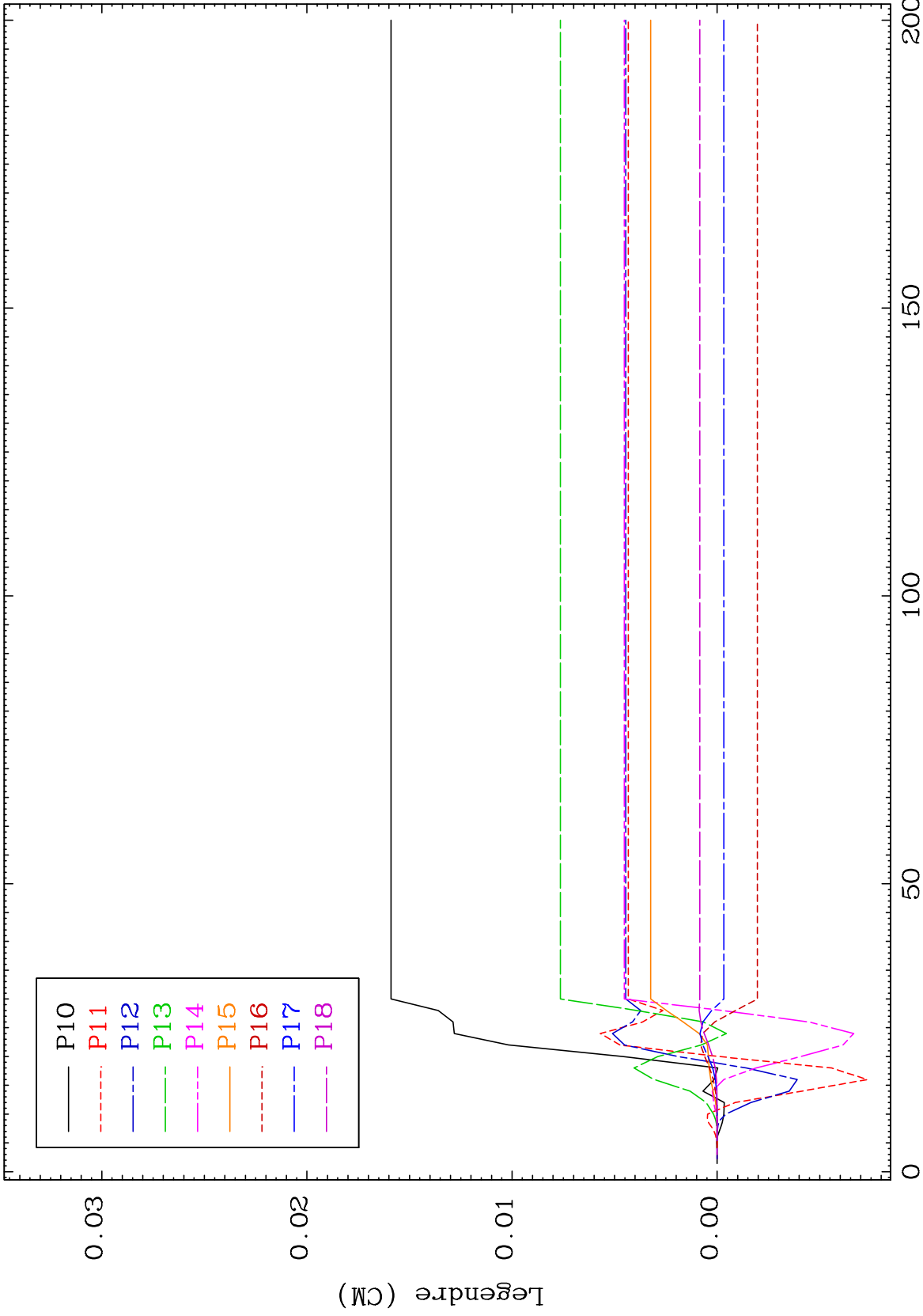
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



56

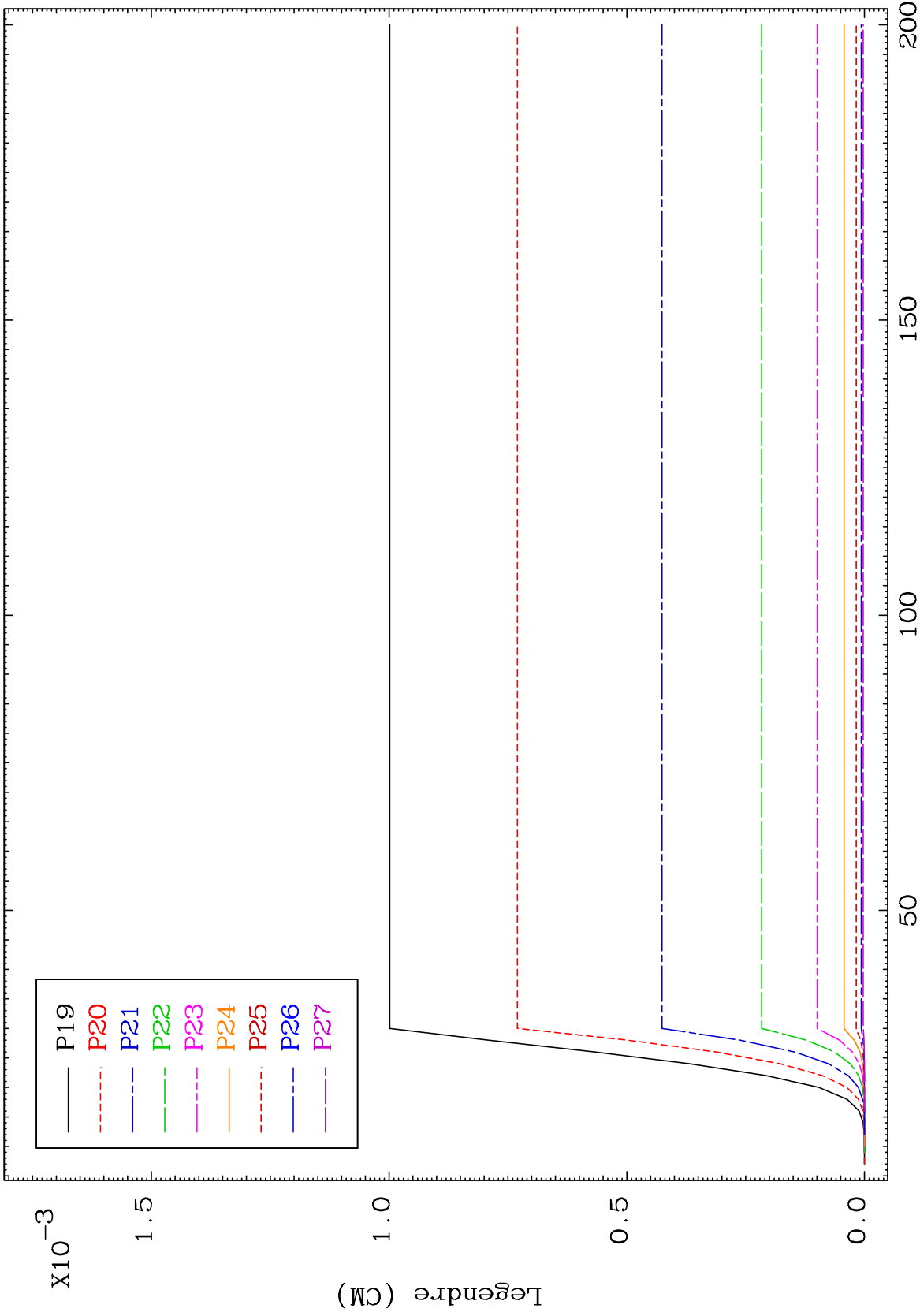
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



57

Incident Energy (MeV)

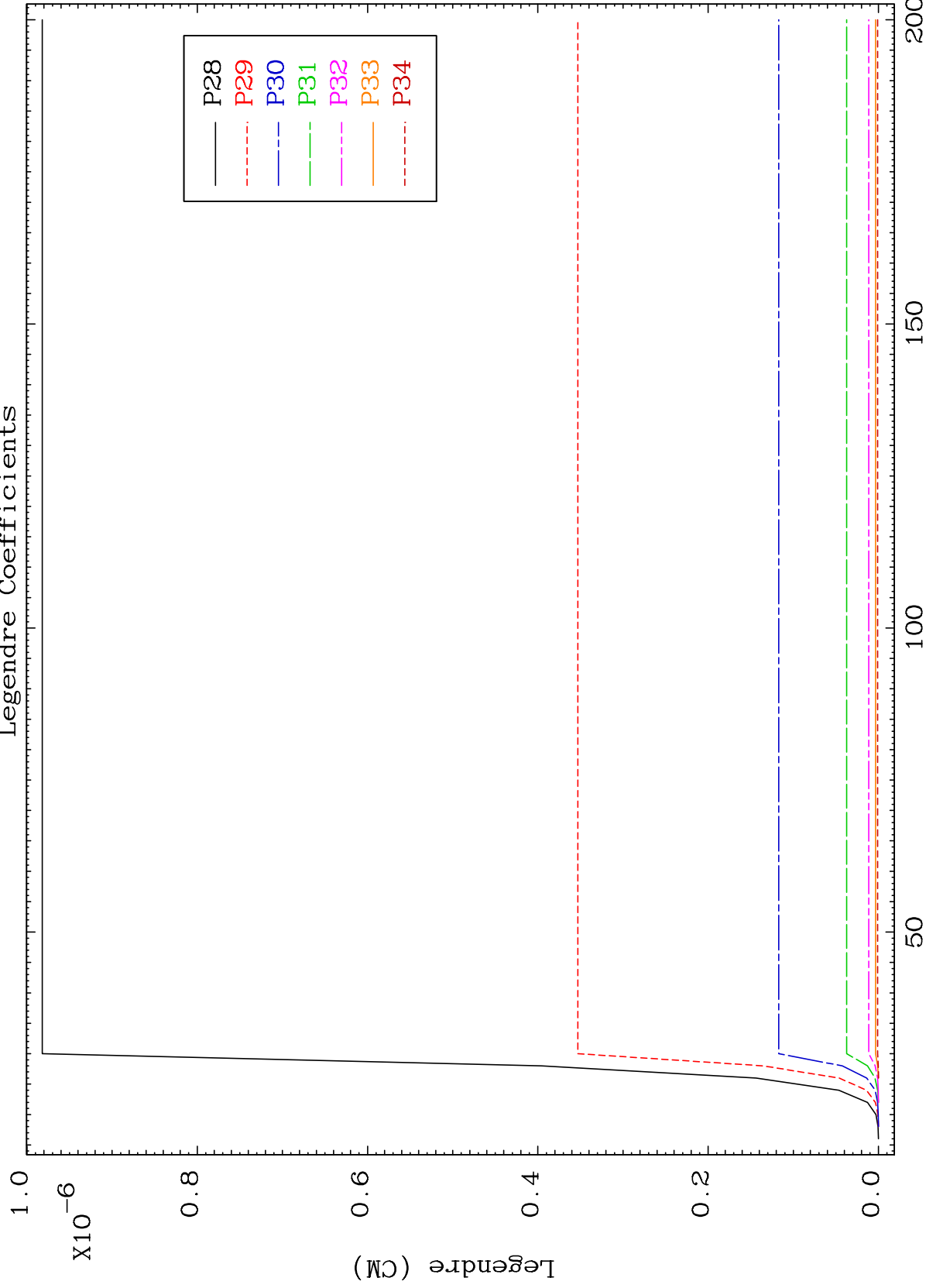
44-Ru-109

MAT 4464

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

44-Ru-109

Incident Energy (MeV)

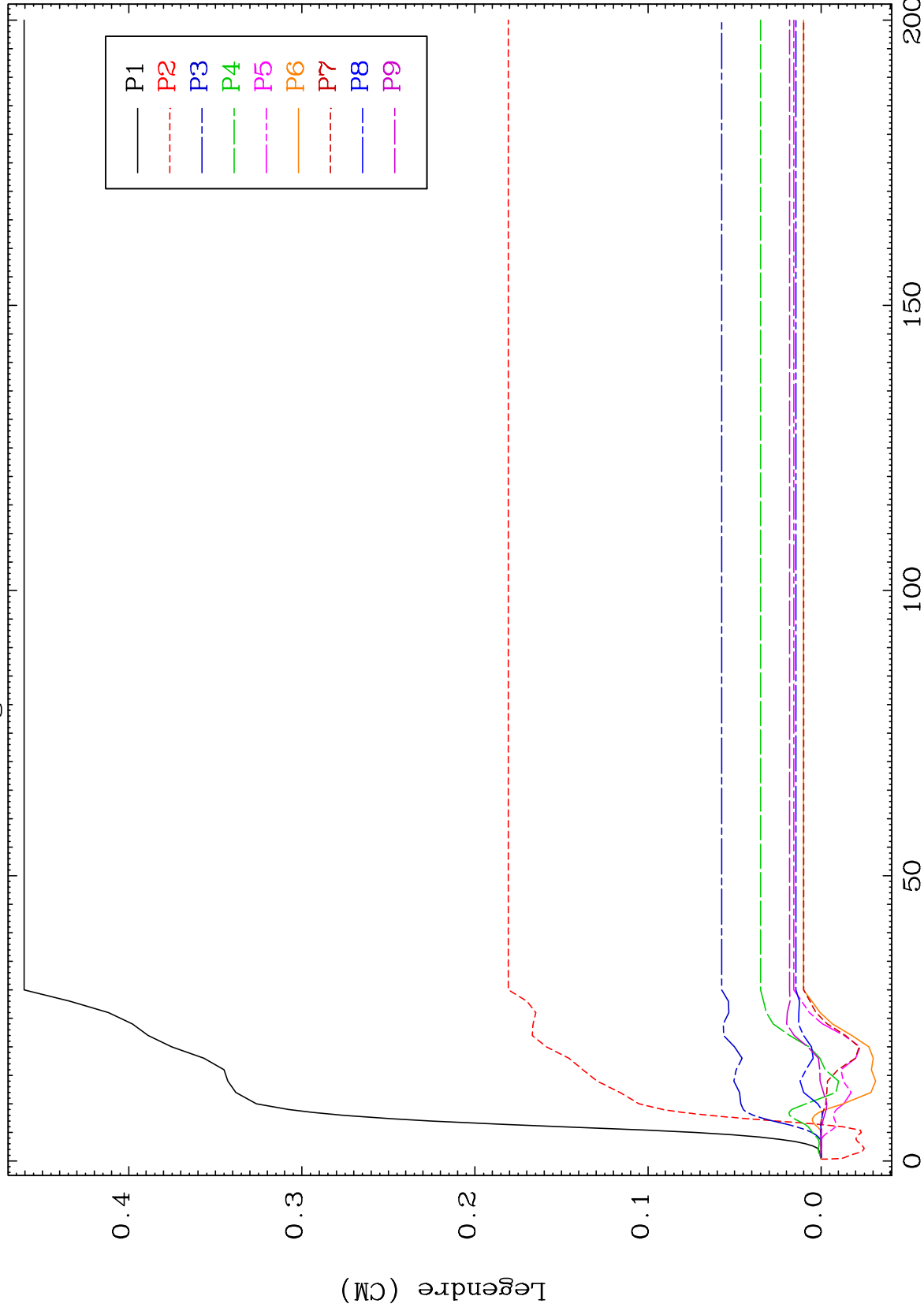


58

MAT 4464

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

44-Ru-109



59

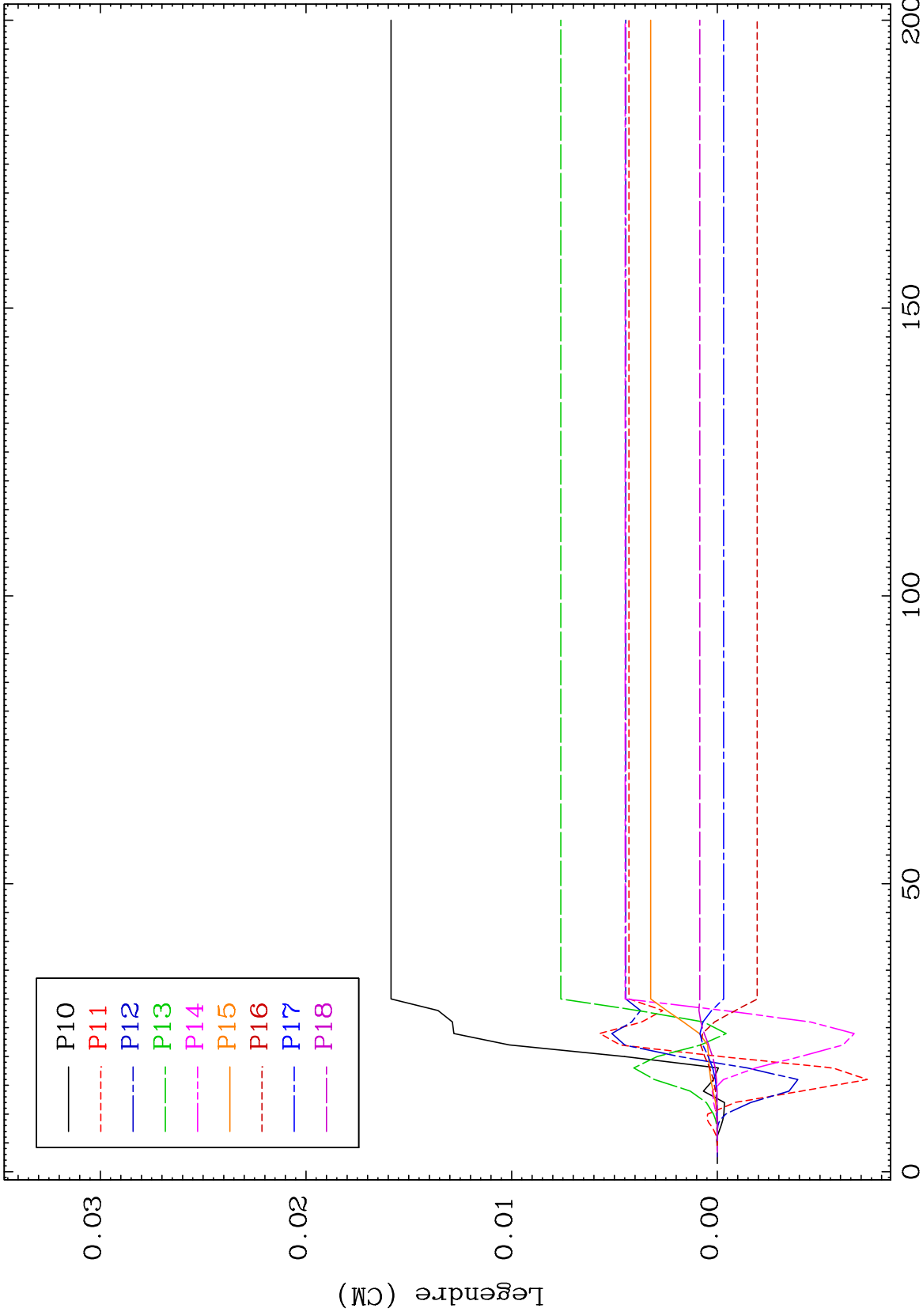
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



0

50

100

150

200

44-Ru-109

Incident Energy (MeV)

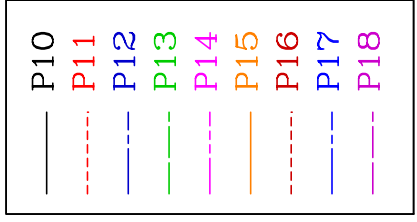
Legendre (CM)

0.03

0.02

0.01

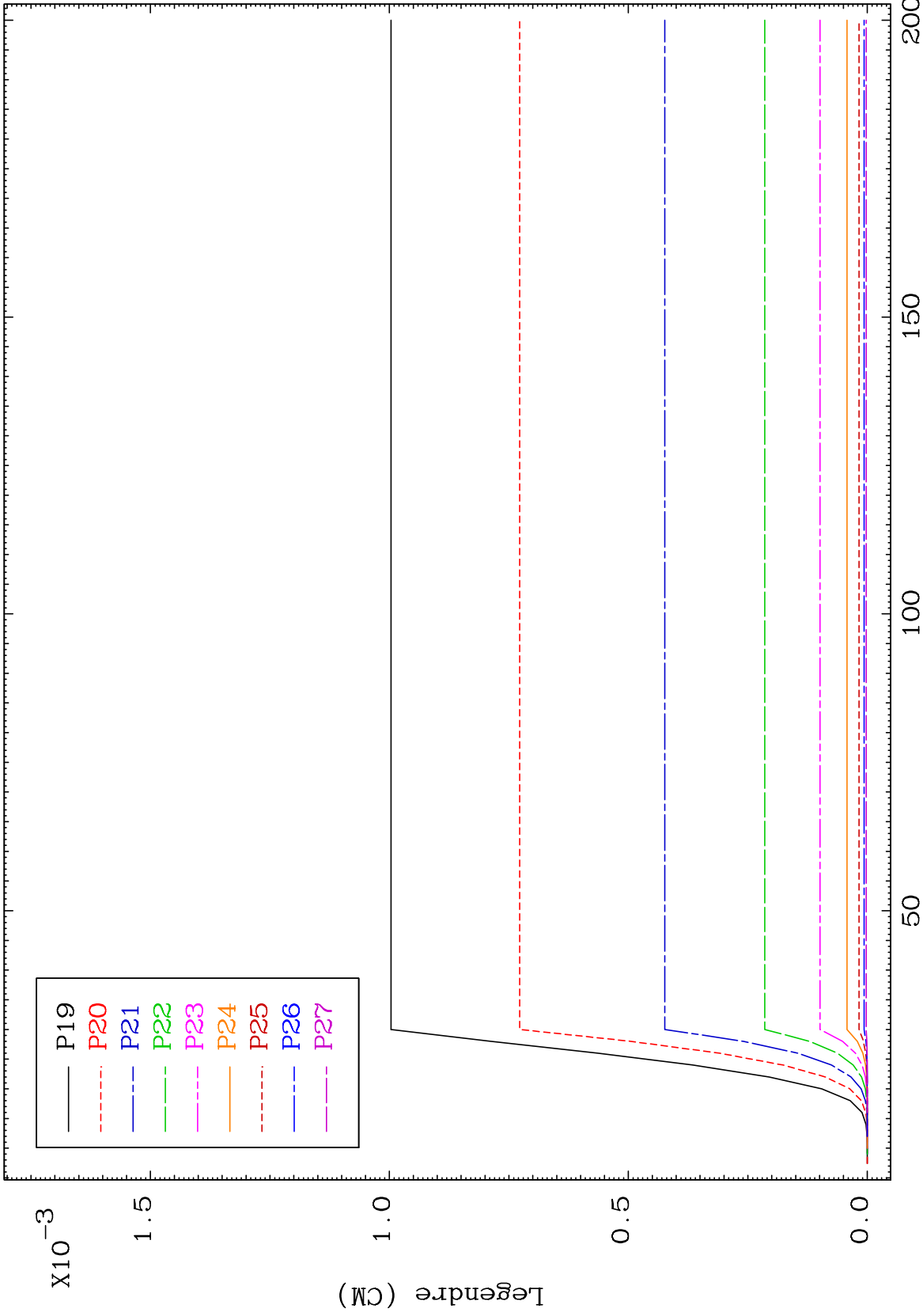
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MAT 4464

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

44-Ru-109



61

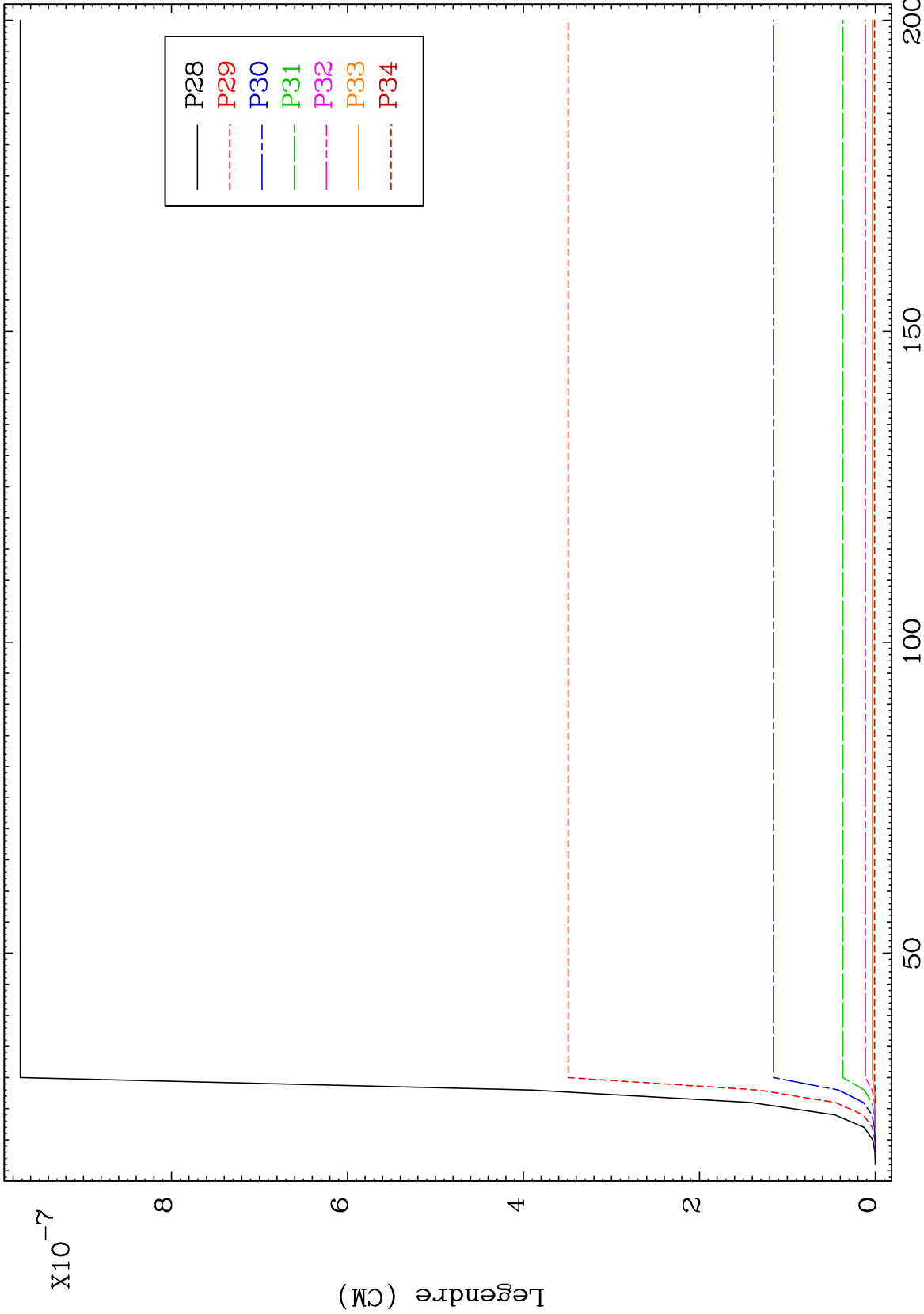
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



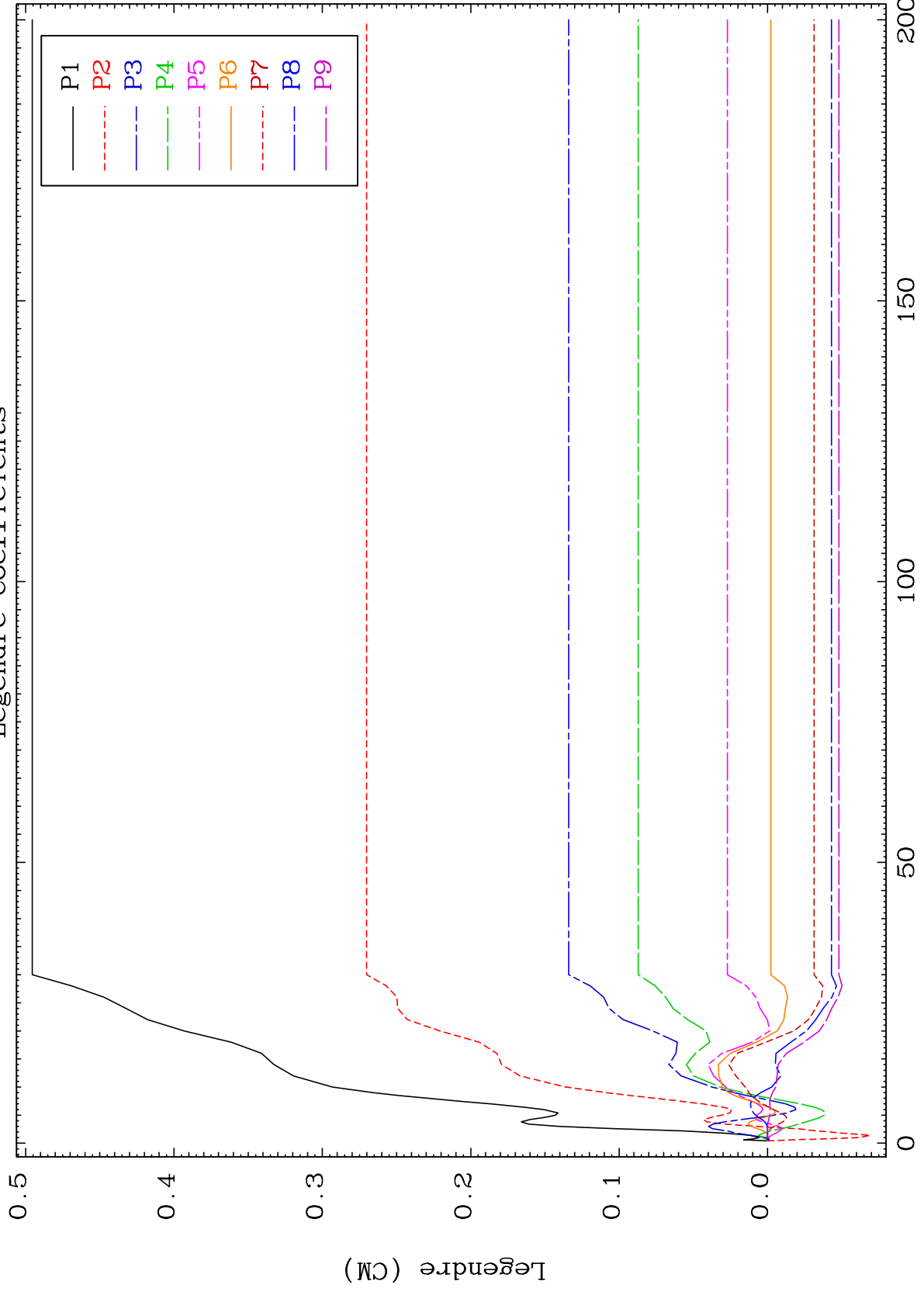
62

44-Ru-109

MAT 4464

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

44-Ru-109



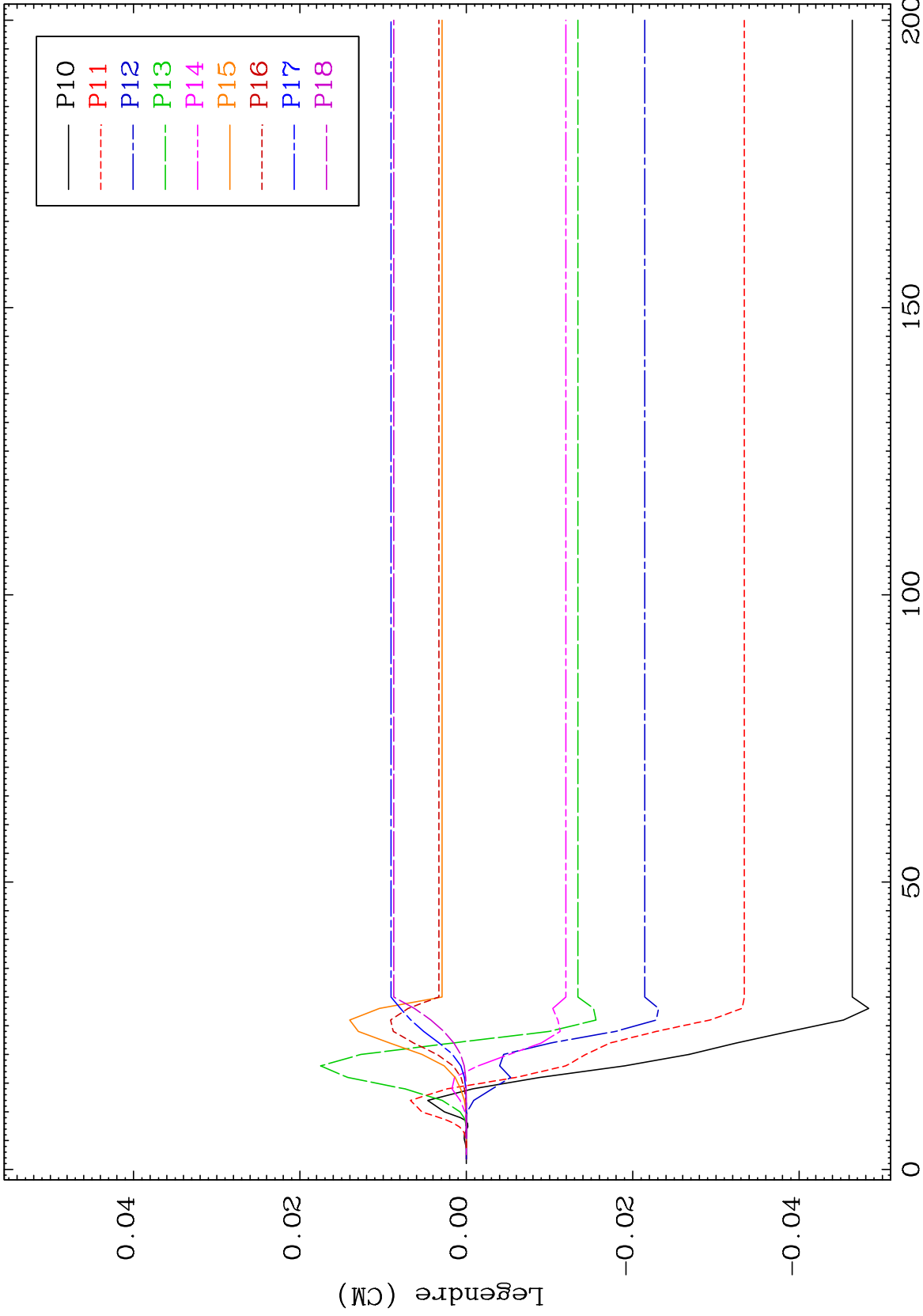
63

44-Ru-109

MAT 4464

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

44-Ru-109



64

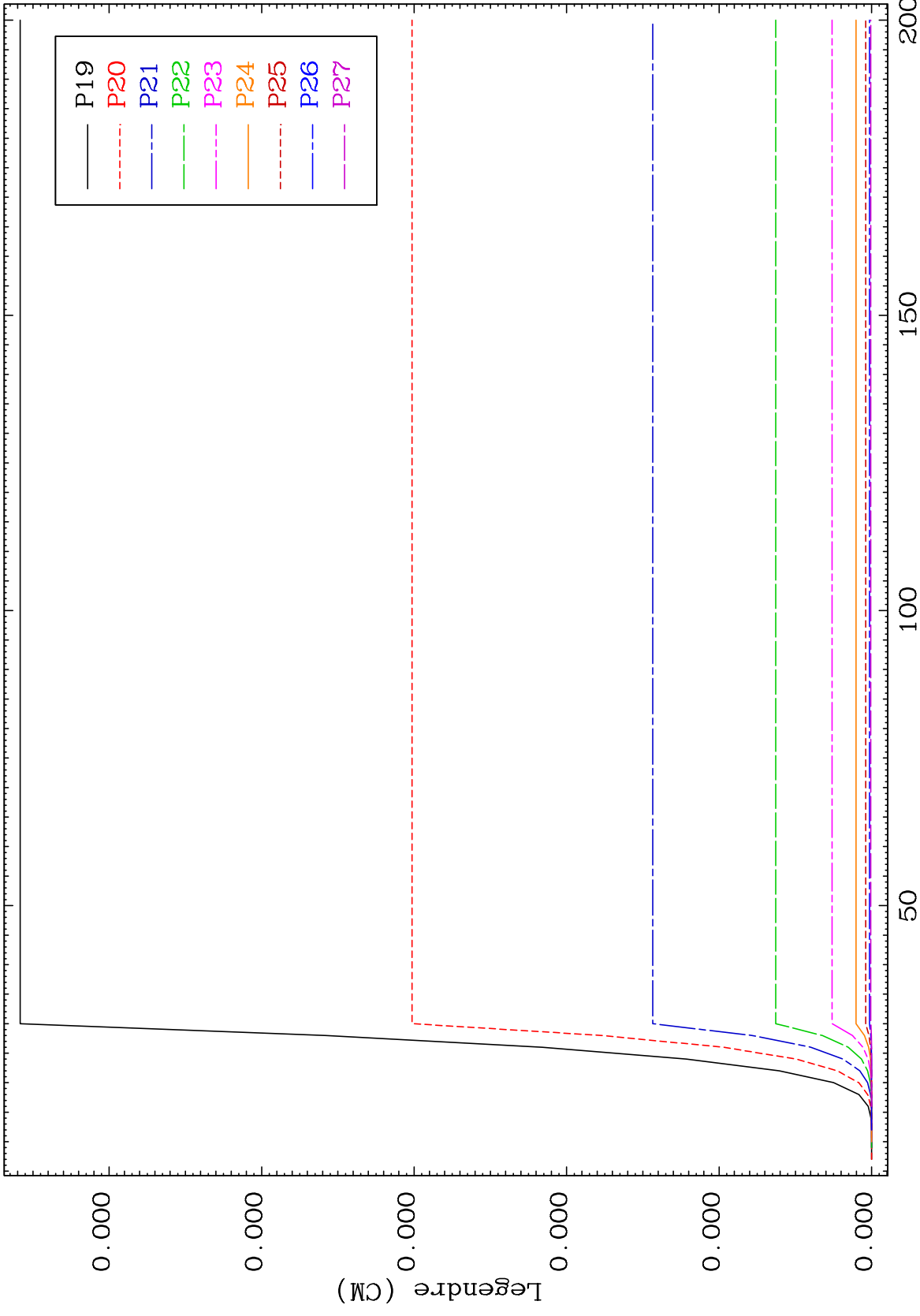
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



65

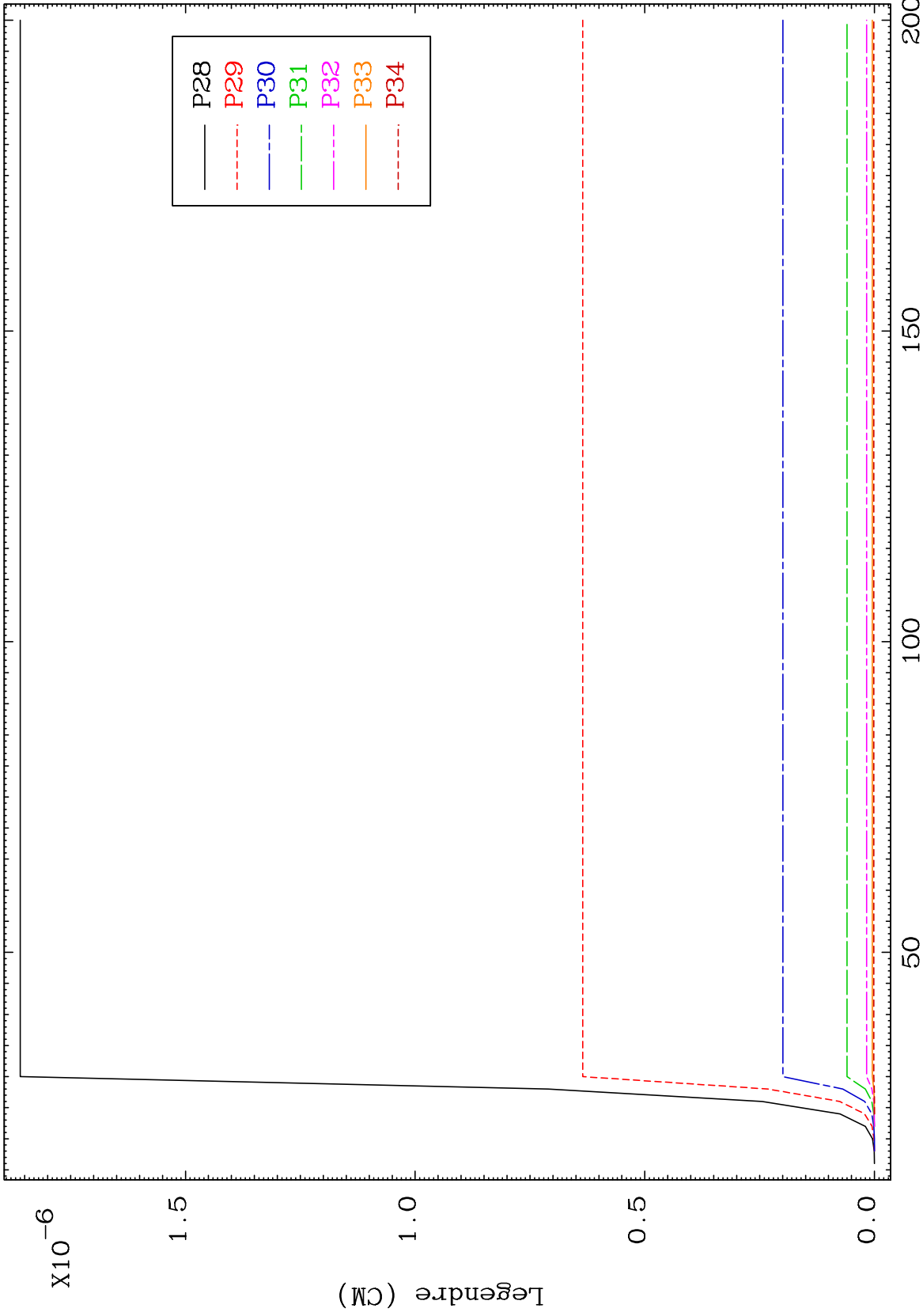
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



66

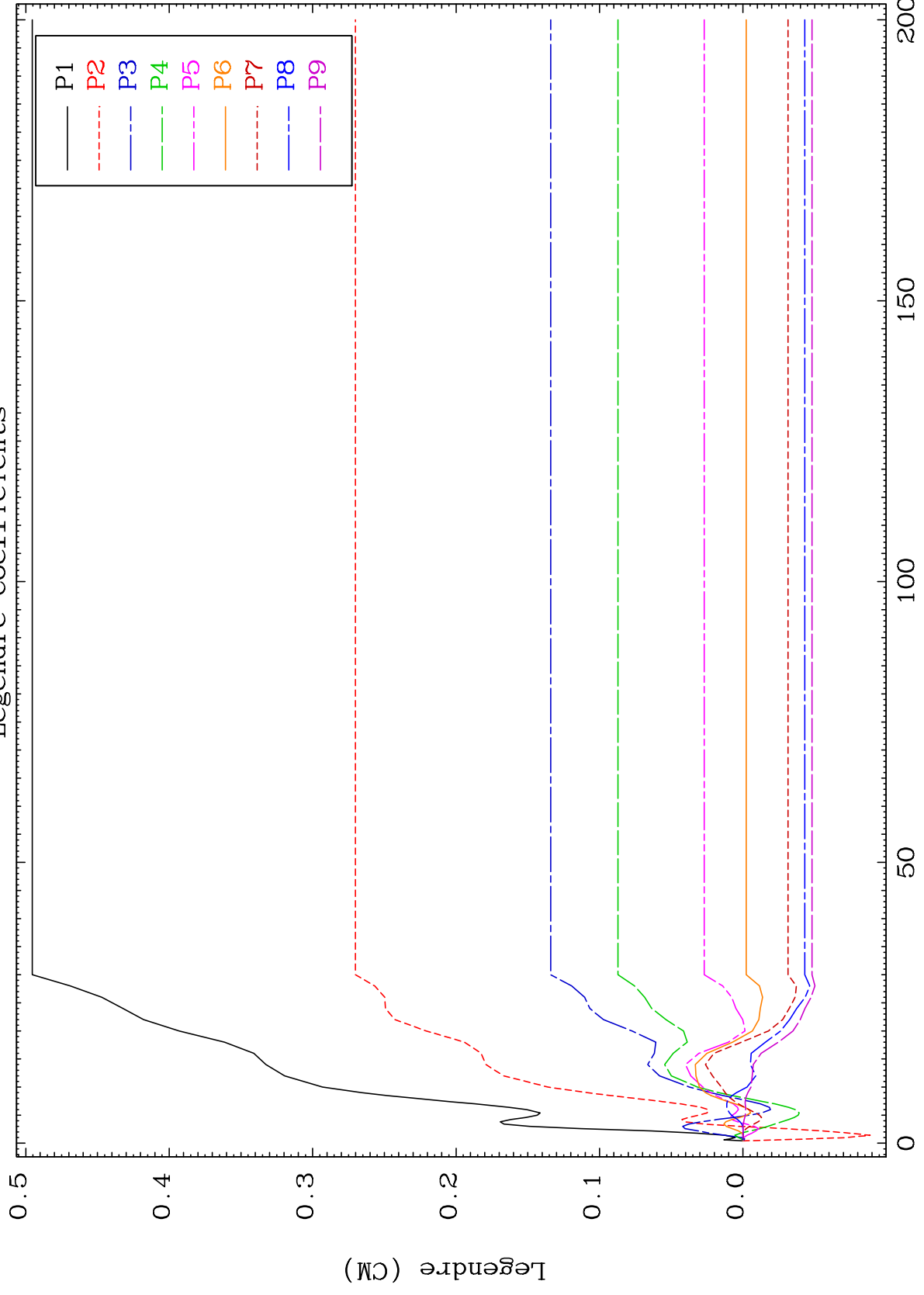
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



67

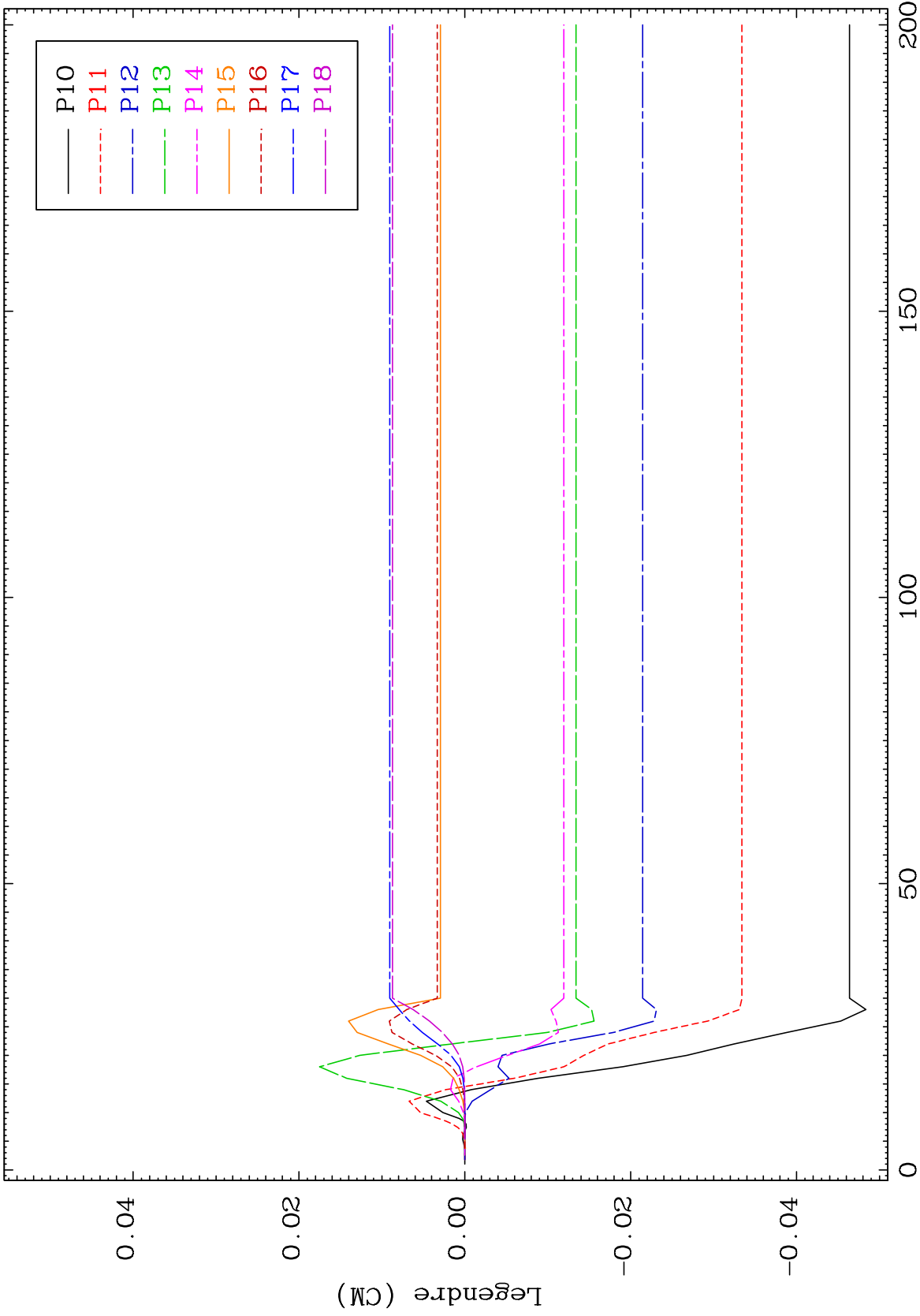
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



68

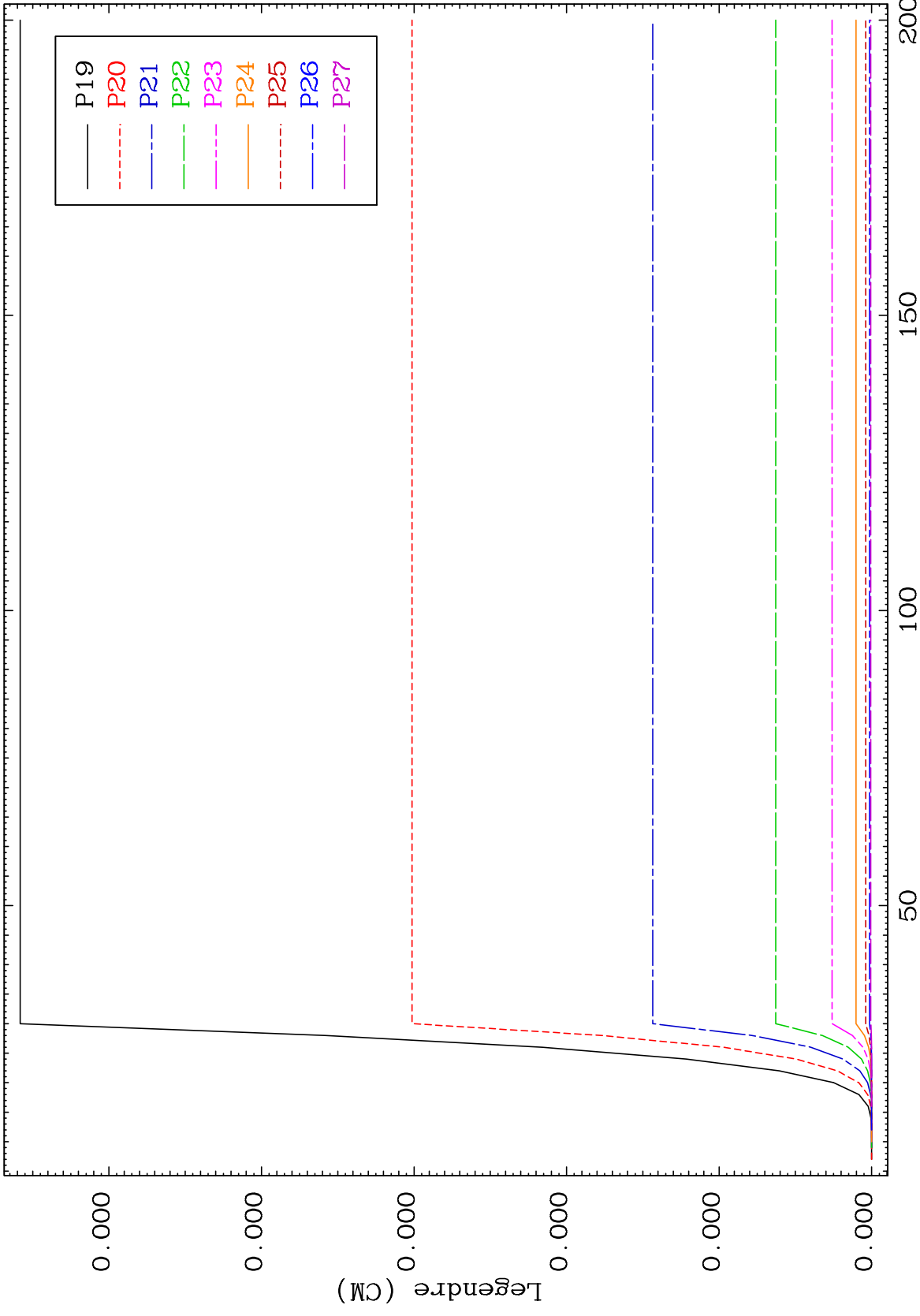
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



69

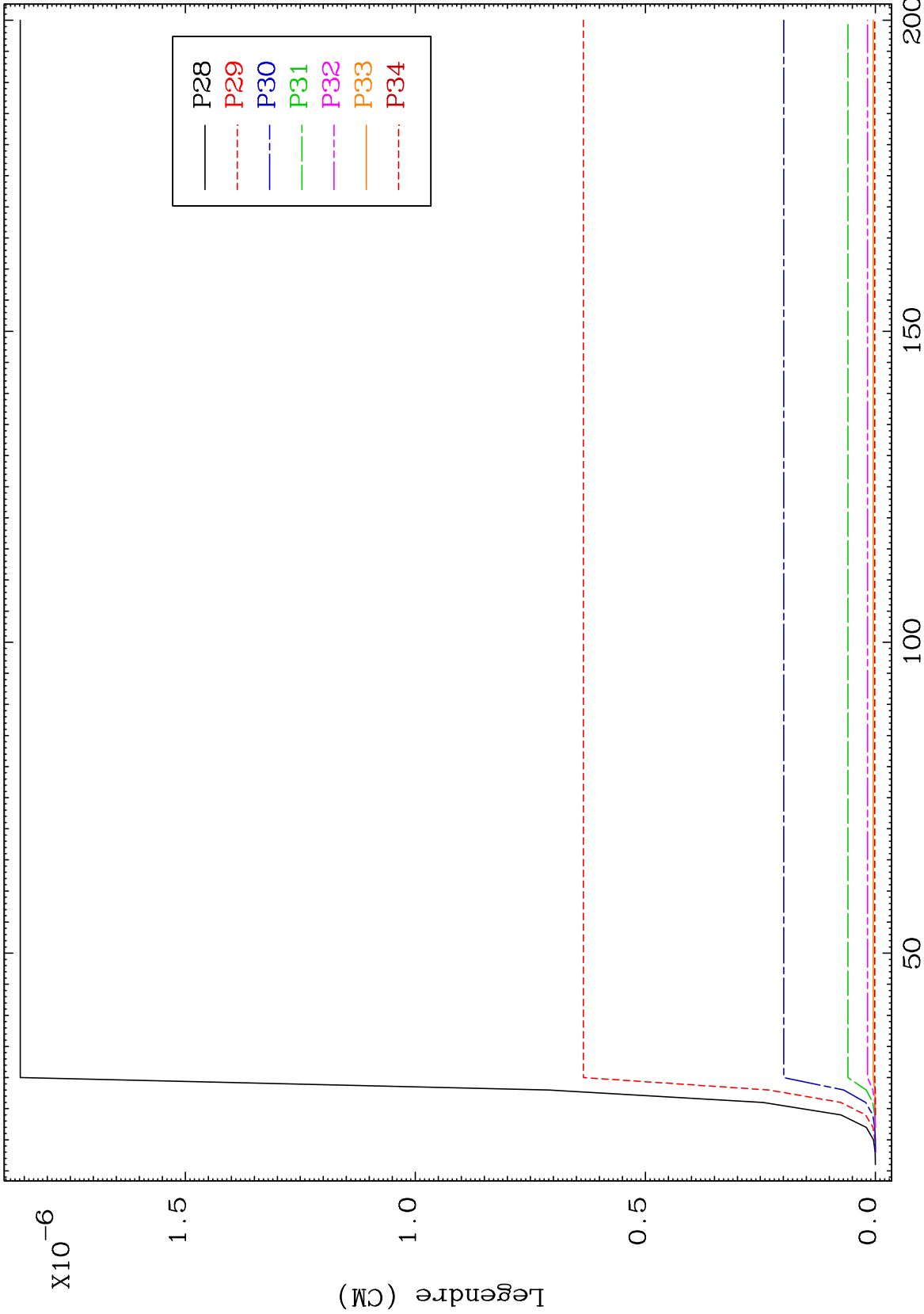
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109

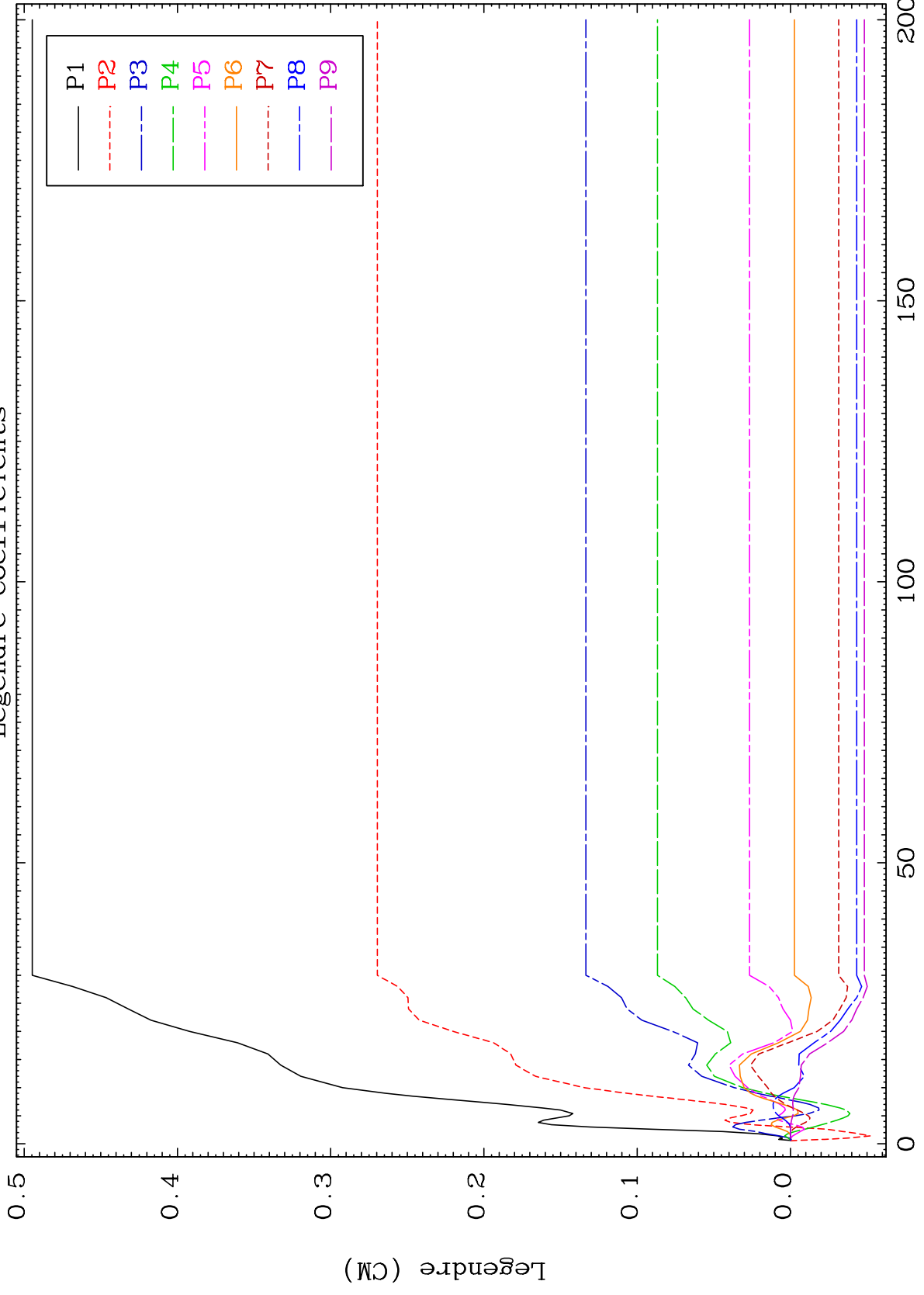


70

Incident Energy (MeV)

44-Ru-109

MAT 4464 MT= 64 (n,n') Level Legendre Coefficients 44-Ru-109

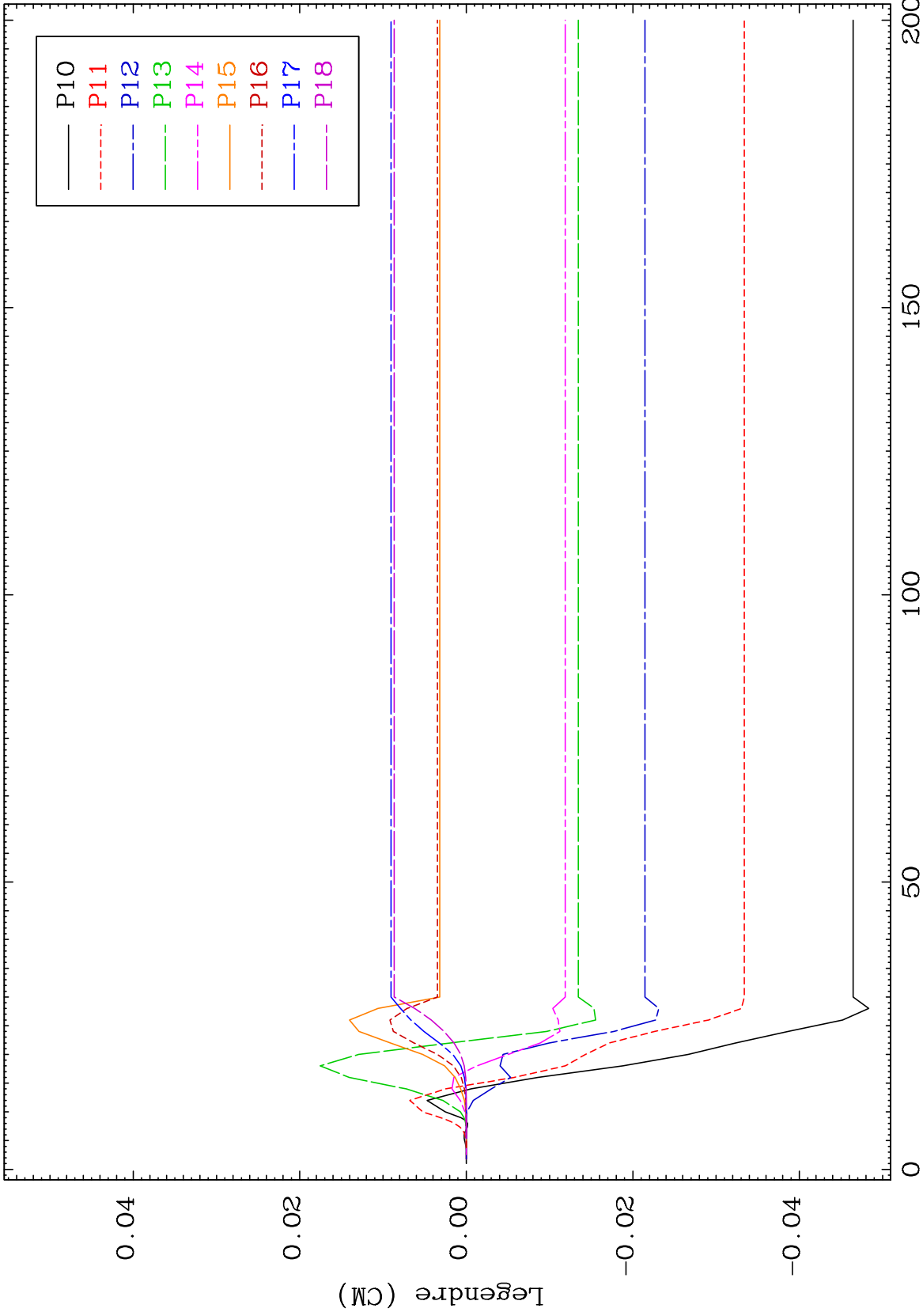


71 44-Ru-109

MAT 4464

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

44-Ru-109



72

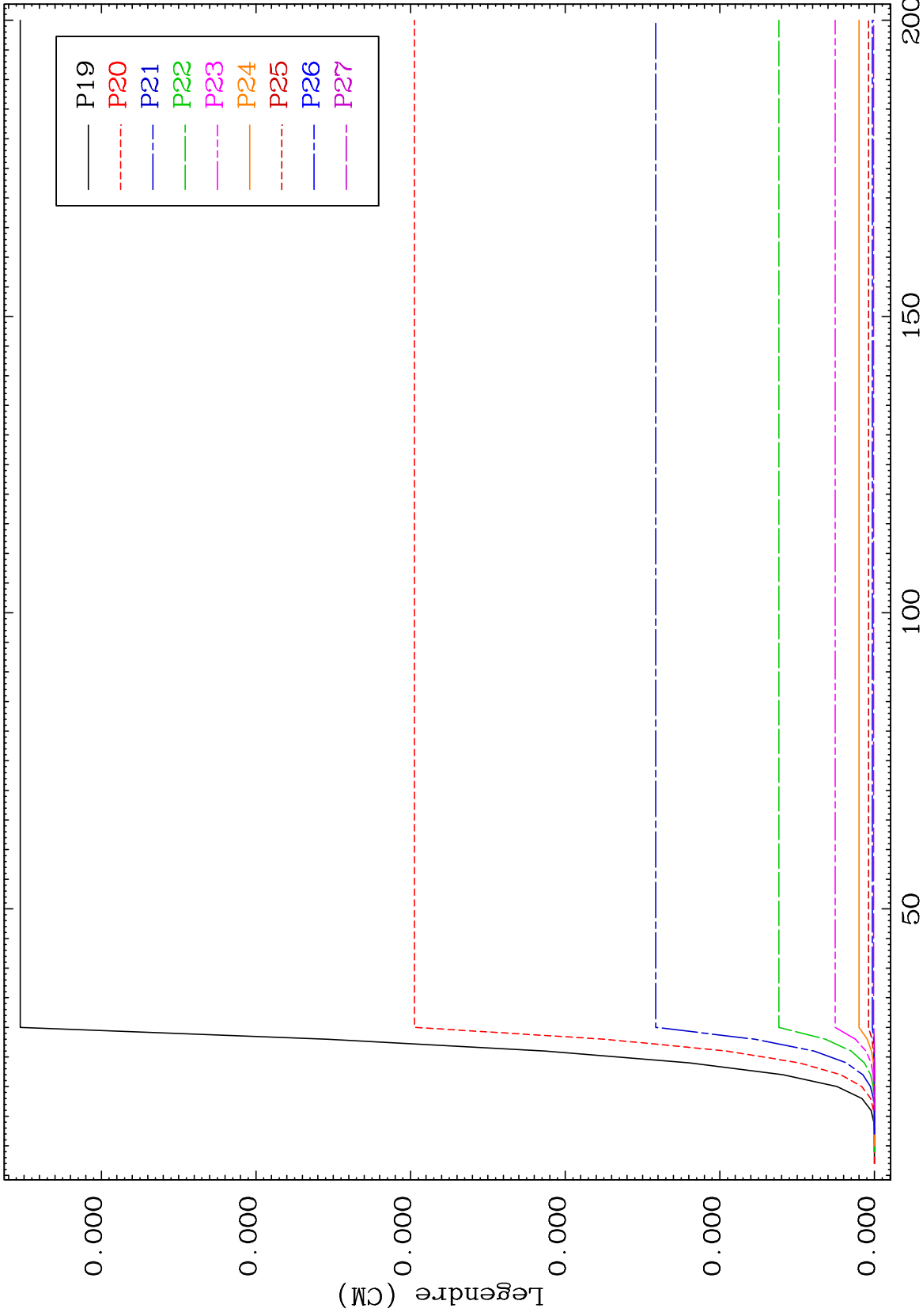
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



73

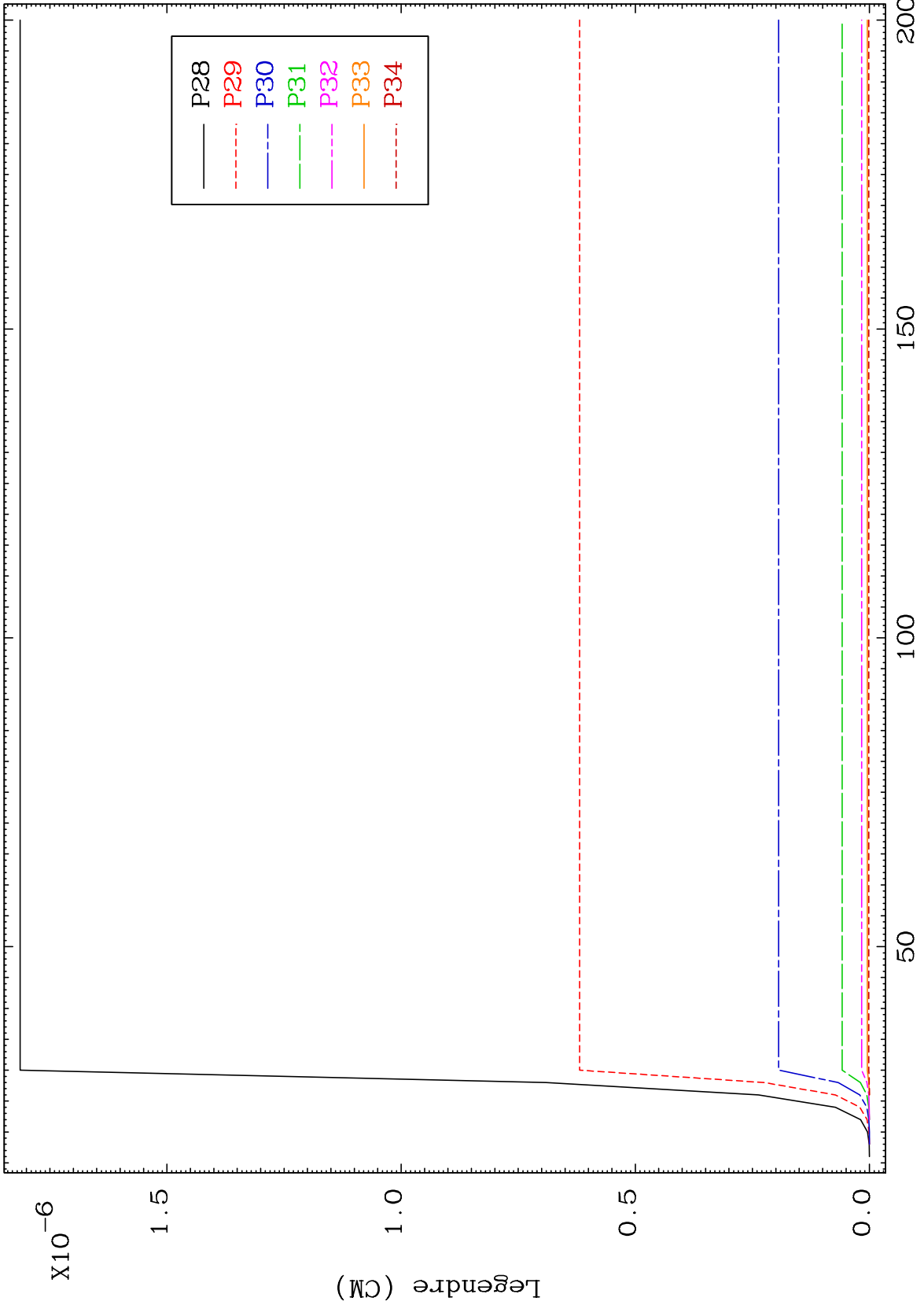
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



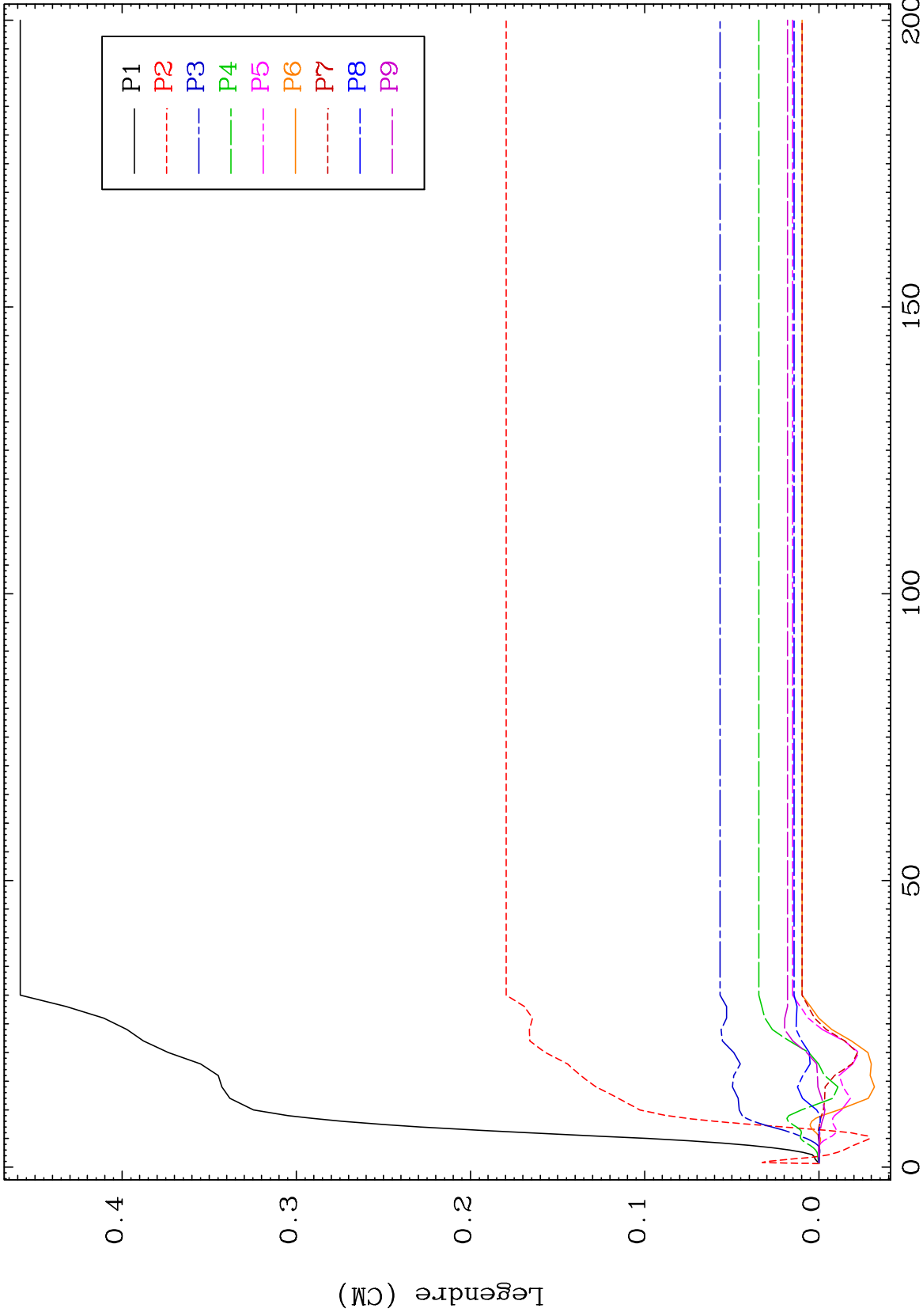
74

44-Ru-109

MAT 4464

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

44-Ru-109



75

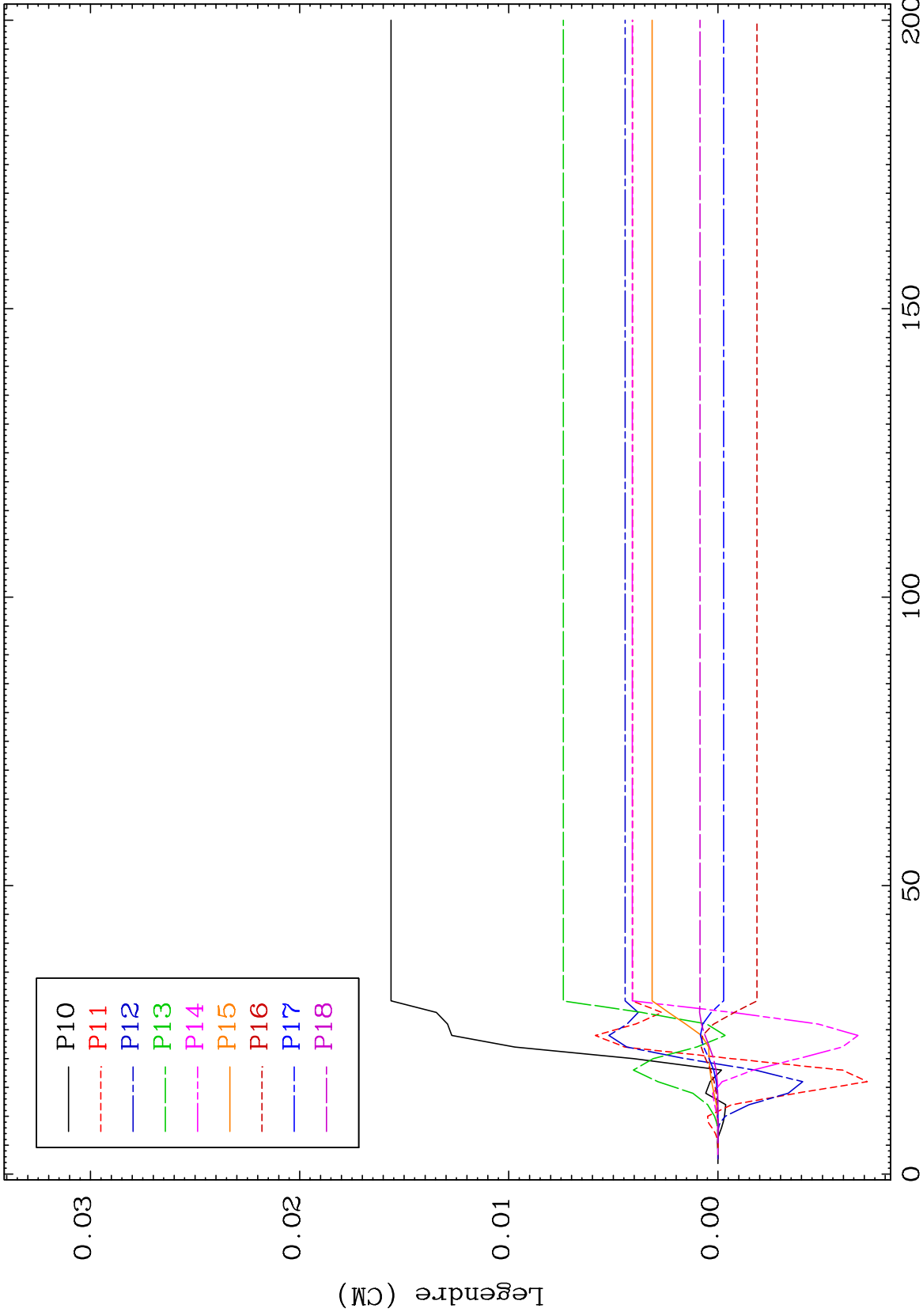
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



76

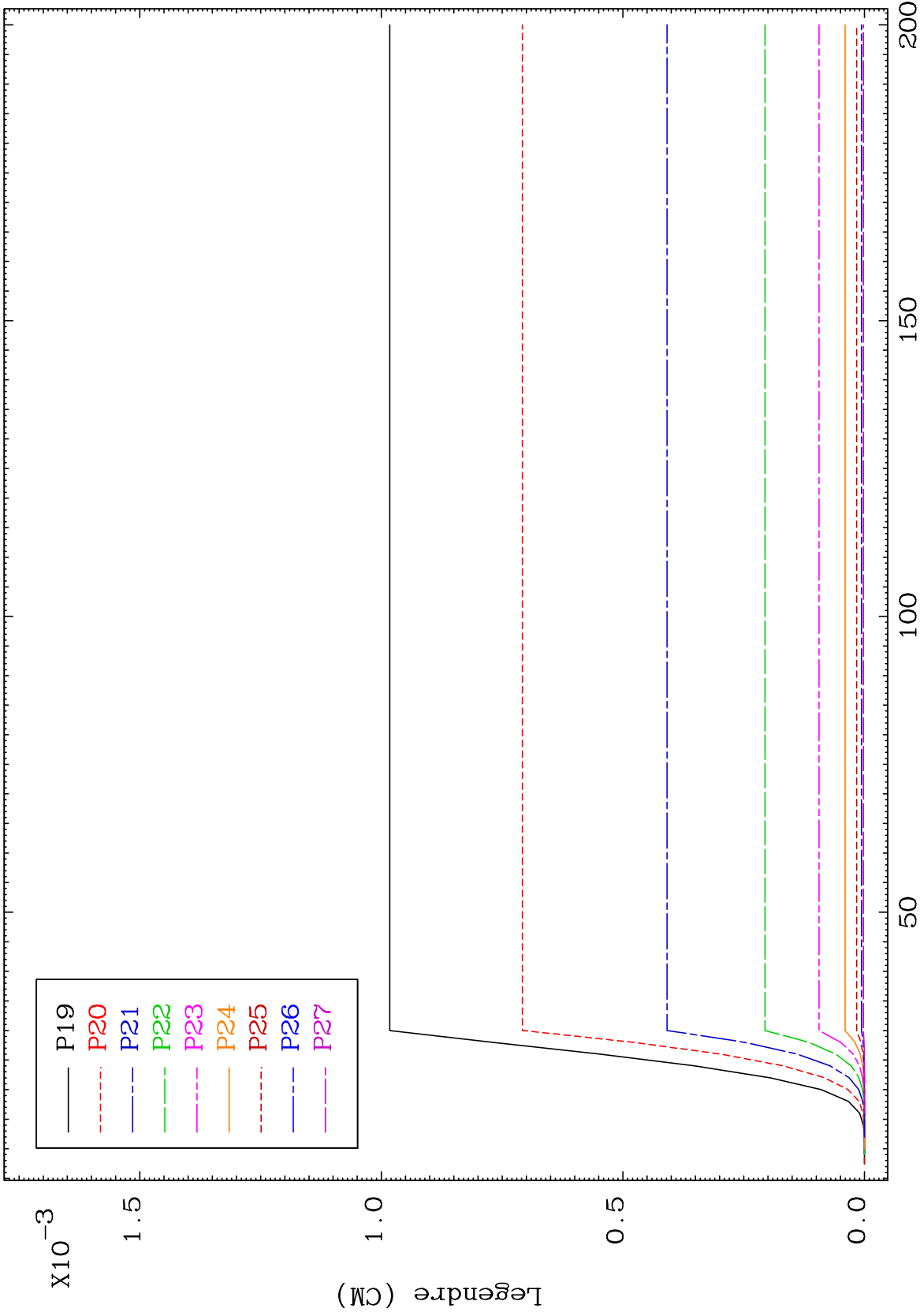
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



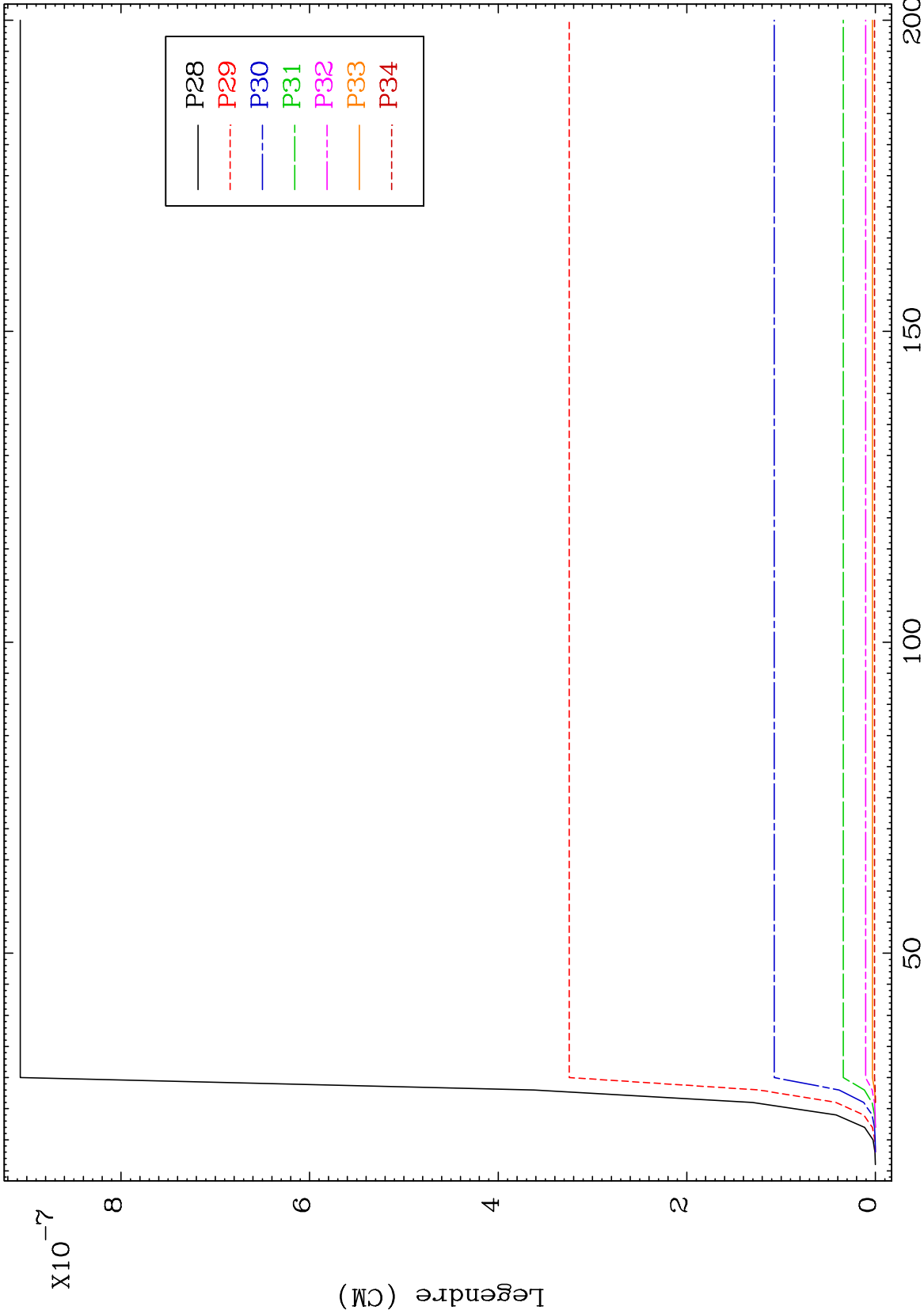
77

44-Ru-109

MAT 4464

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

44-Ru-109



78

Incident Energy (MeV)

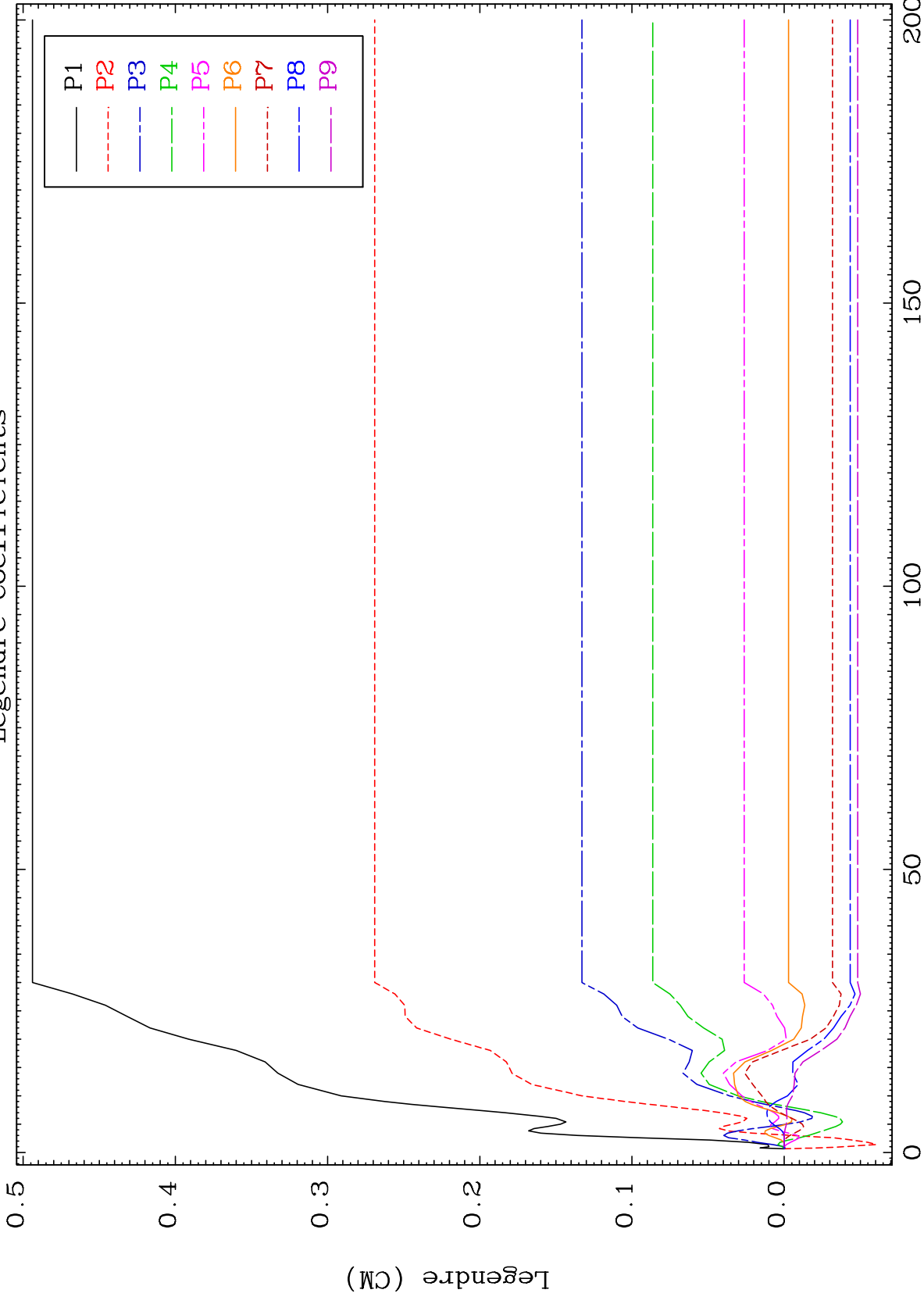
44-Ru-109

MAT 4464

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

44-Ru-109

44-Ru-109

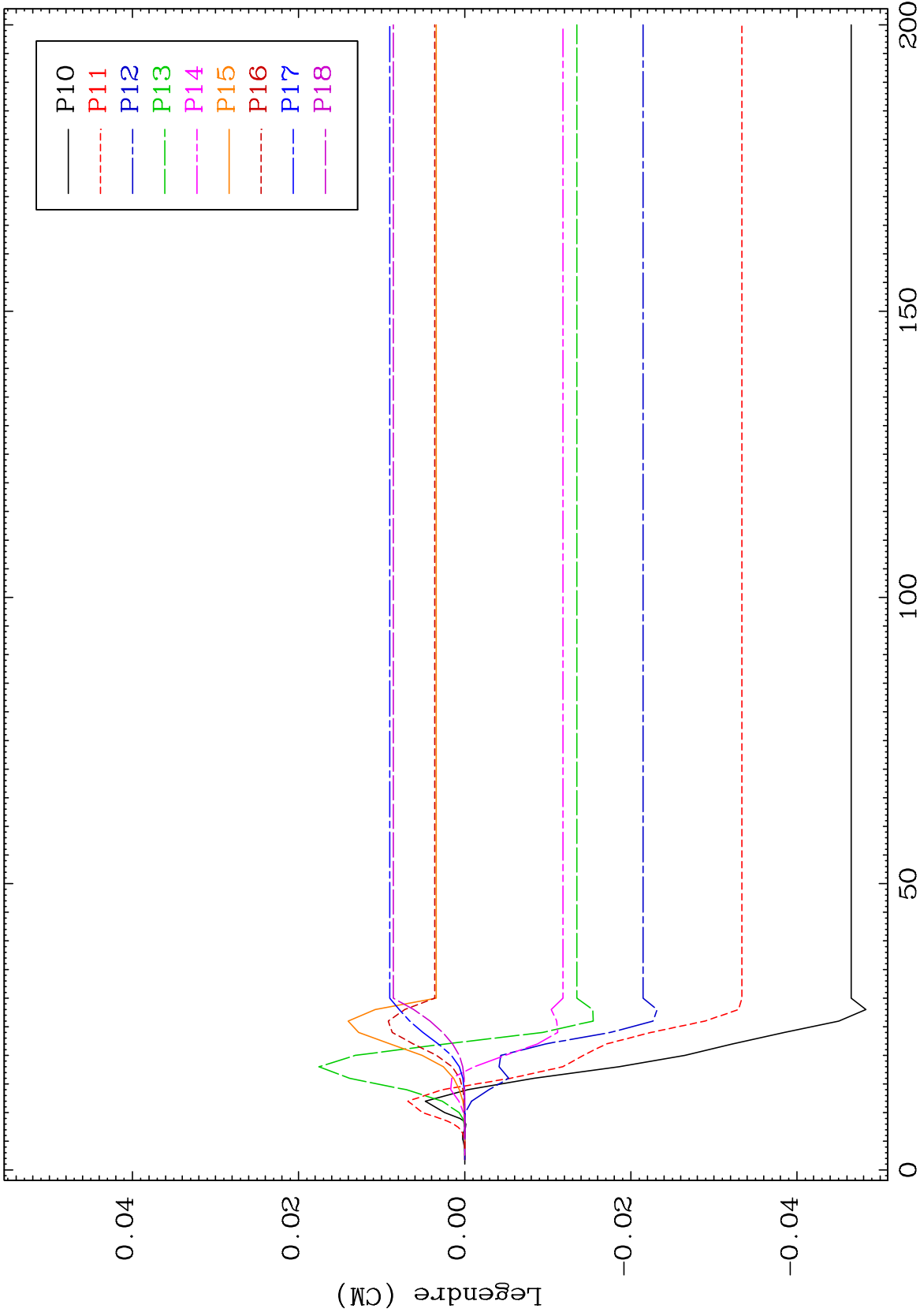


79

MAT 4464

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

44-Ru-109



80

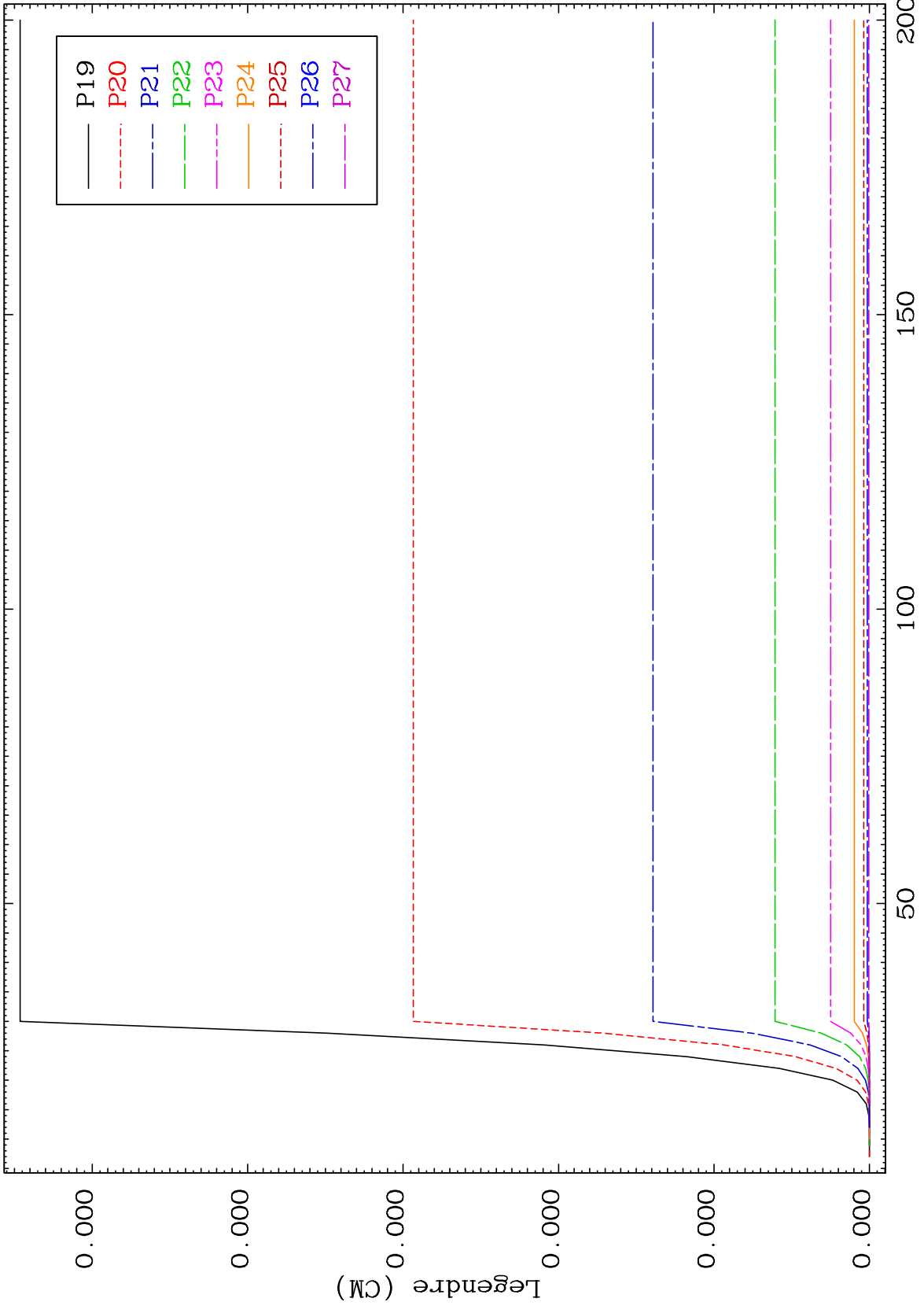
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



81

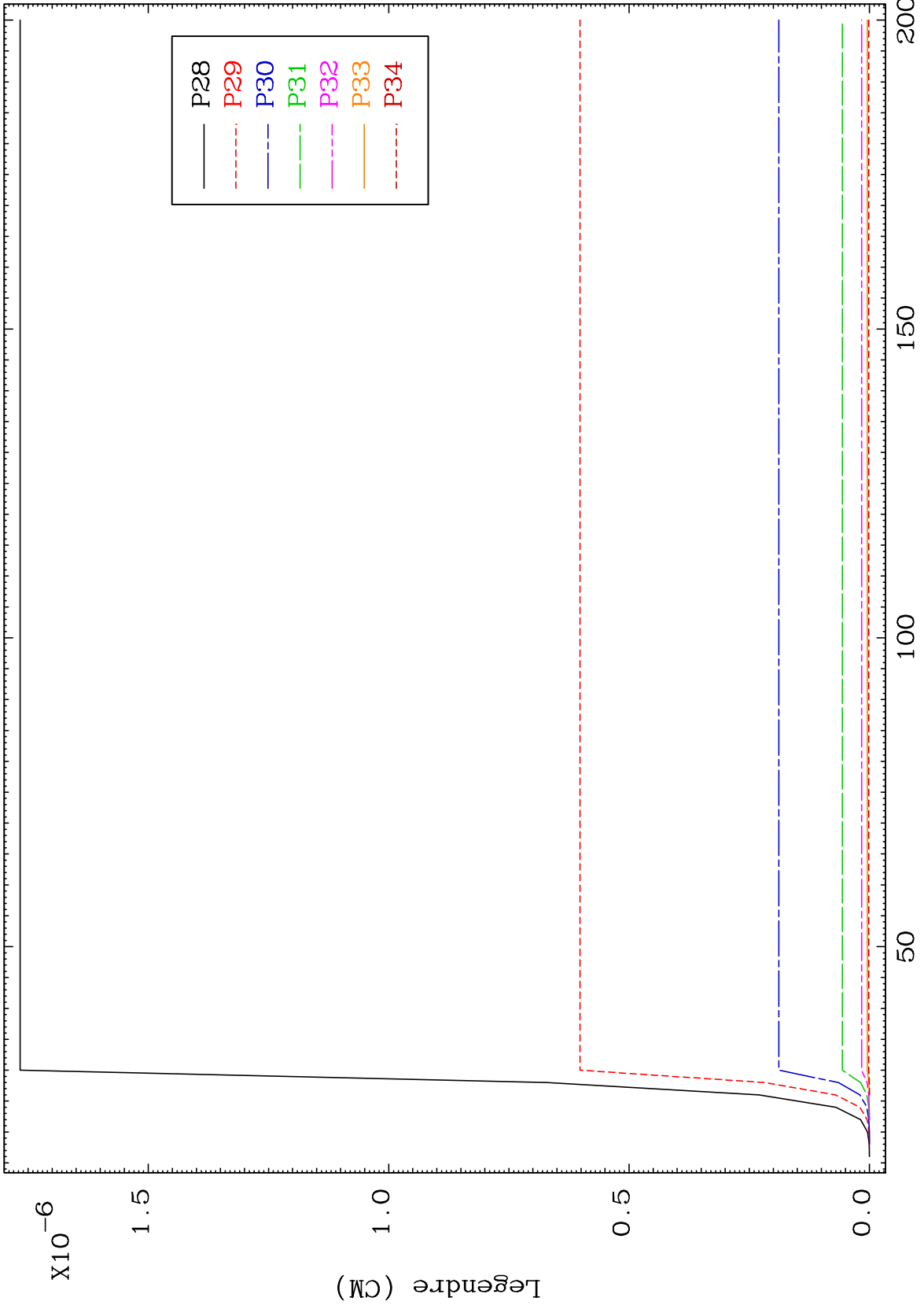
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



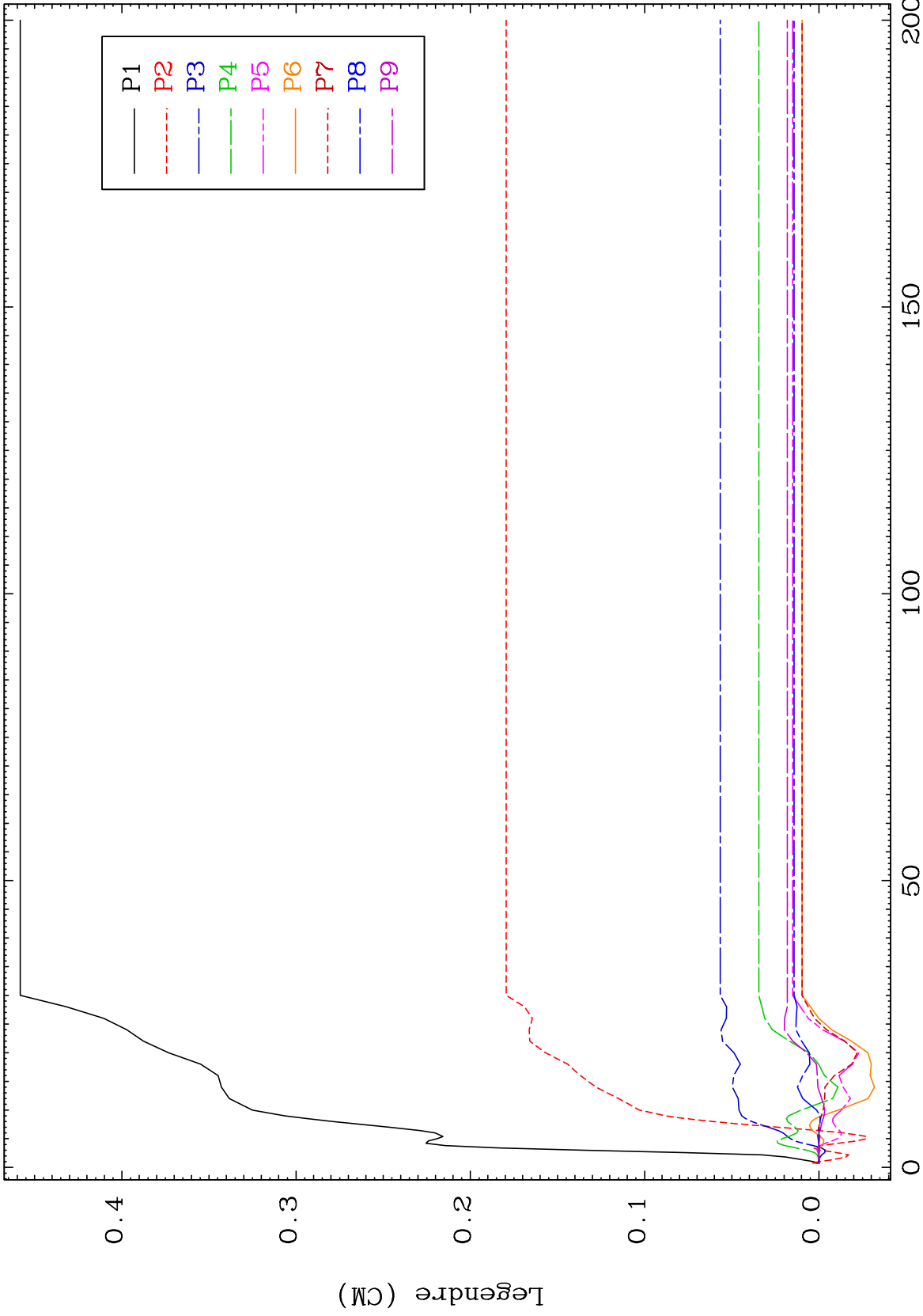
82

44-Ru-109

MAT 4464

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

44-Ru-109



83

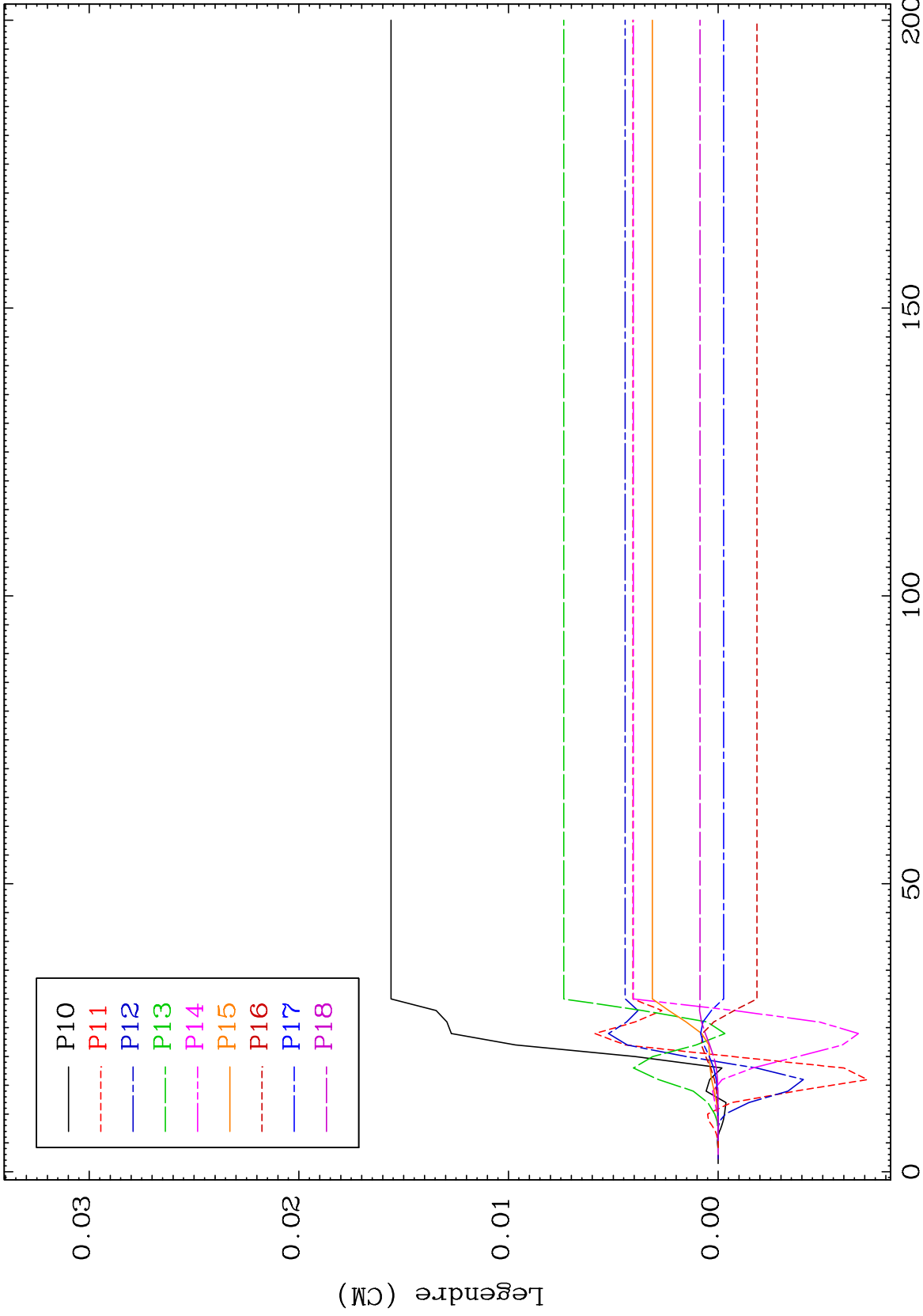
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



84

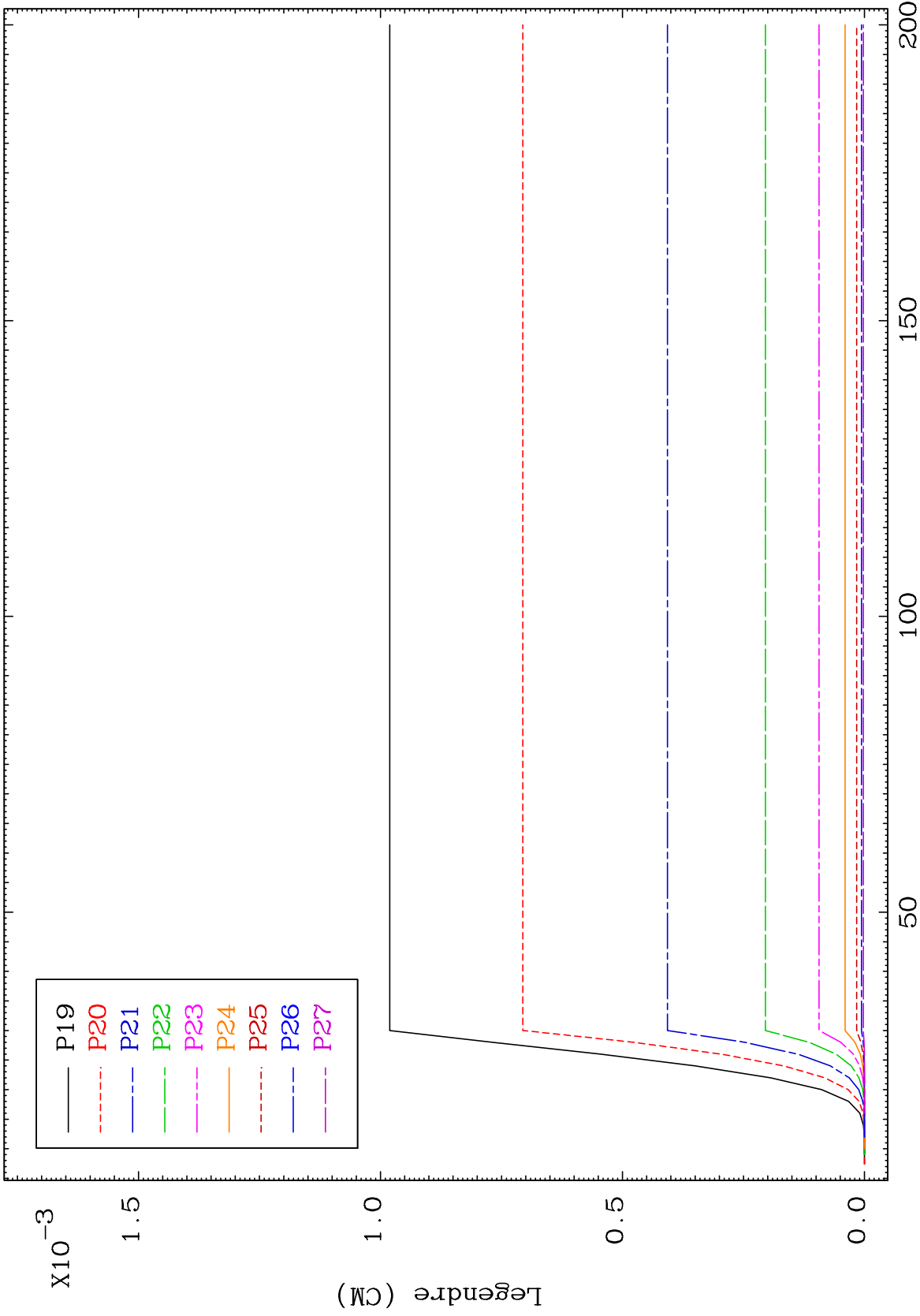
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



85

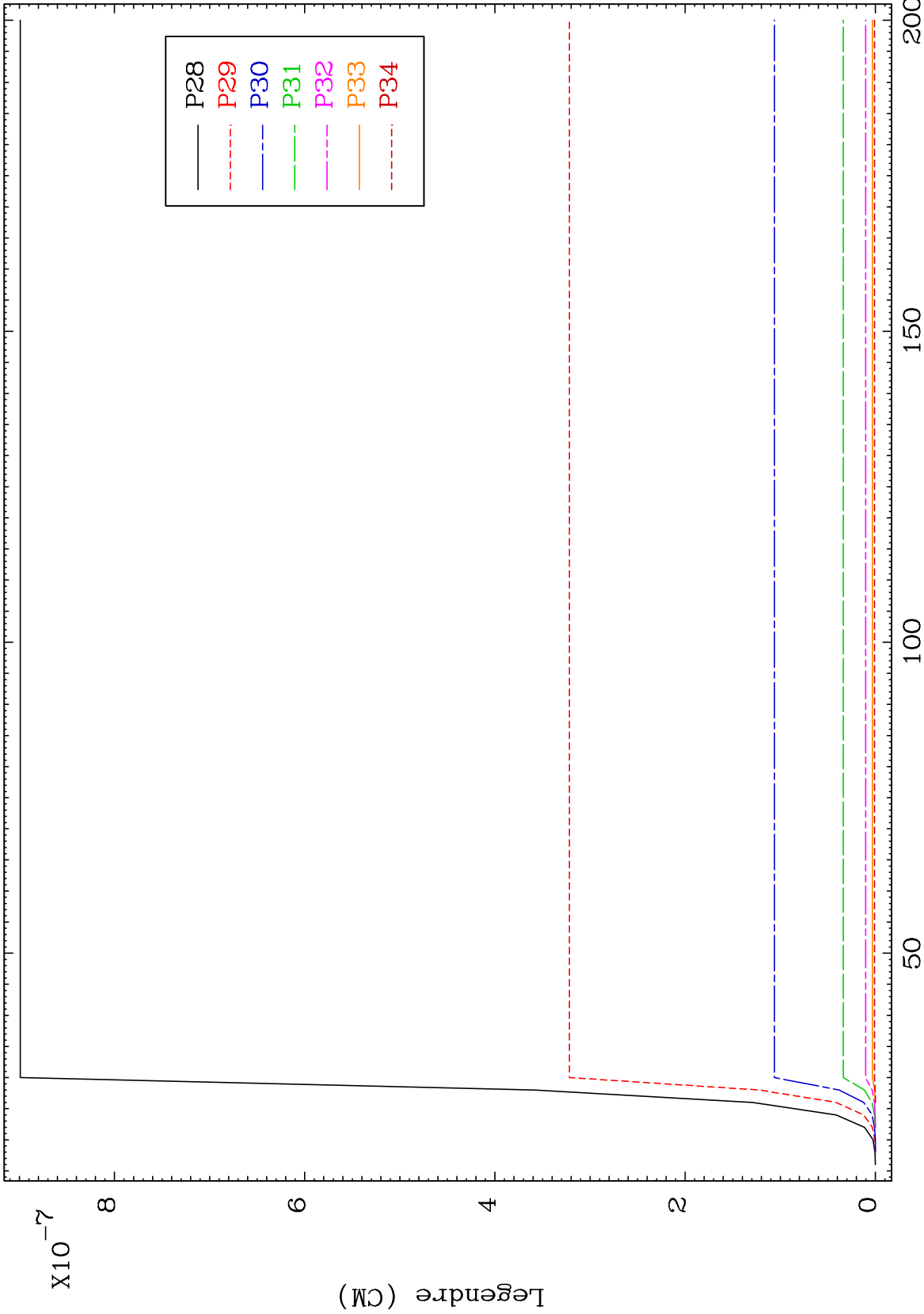
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



86

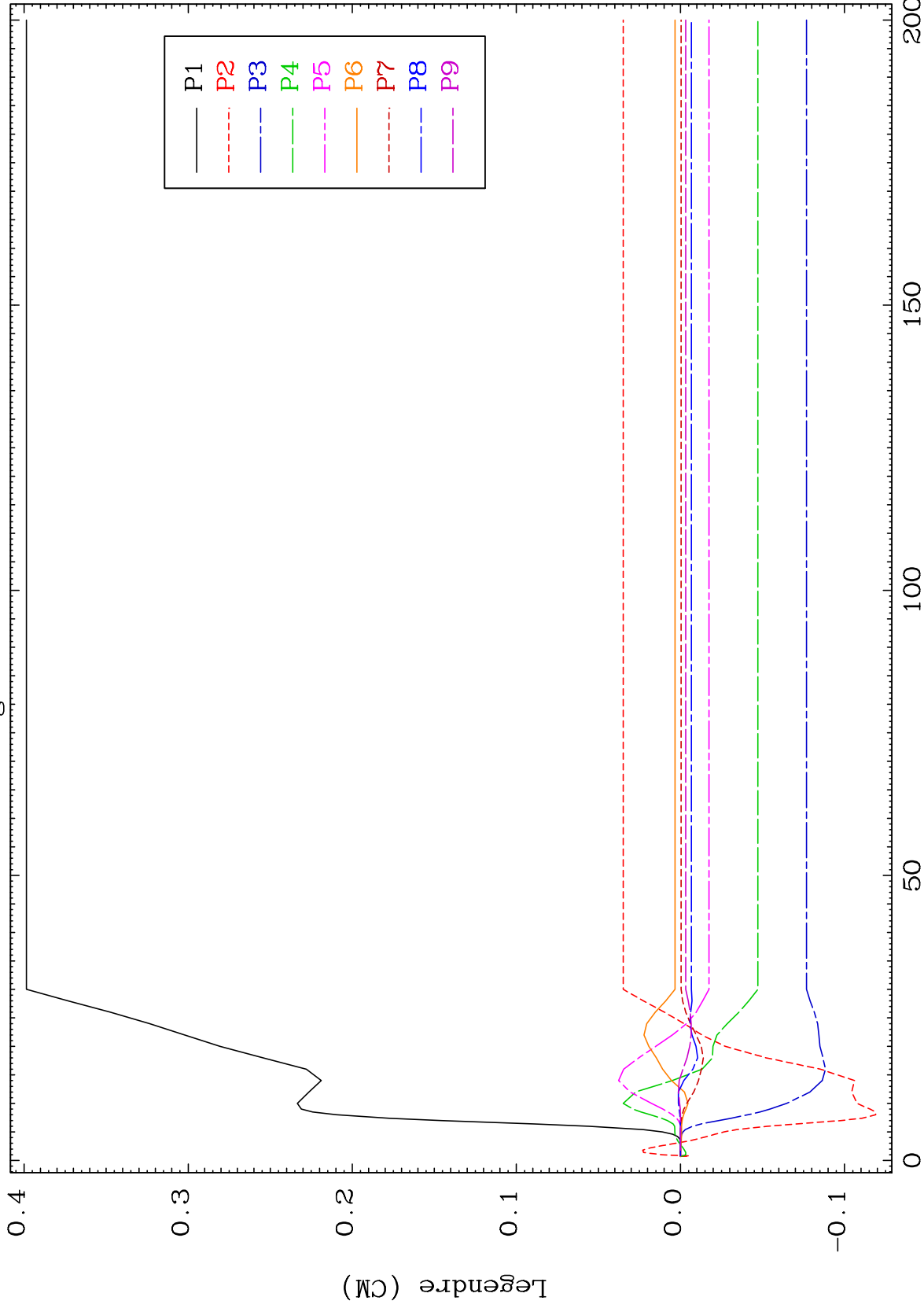
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



87

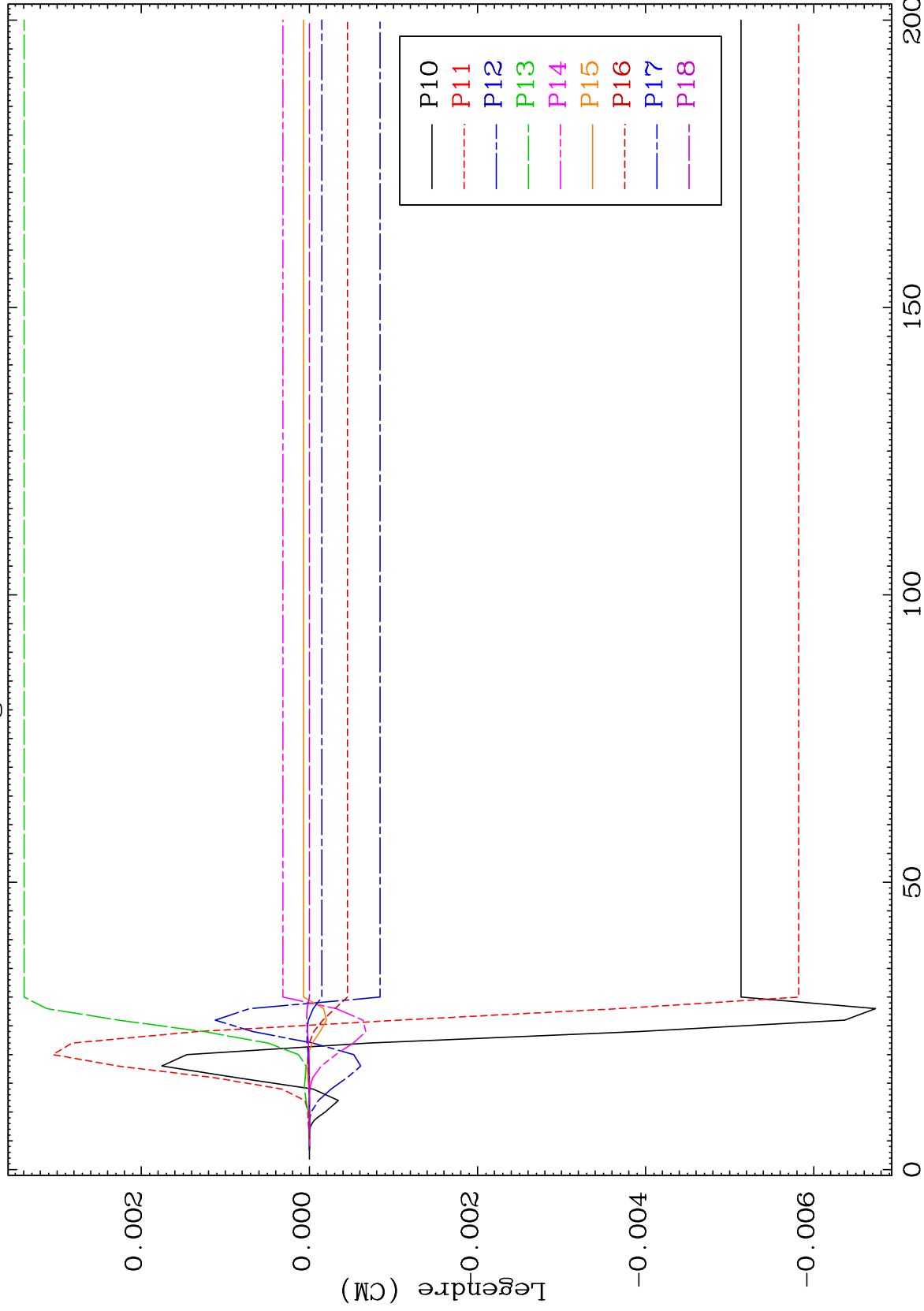
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



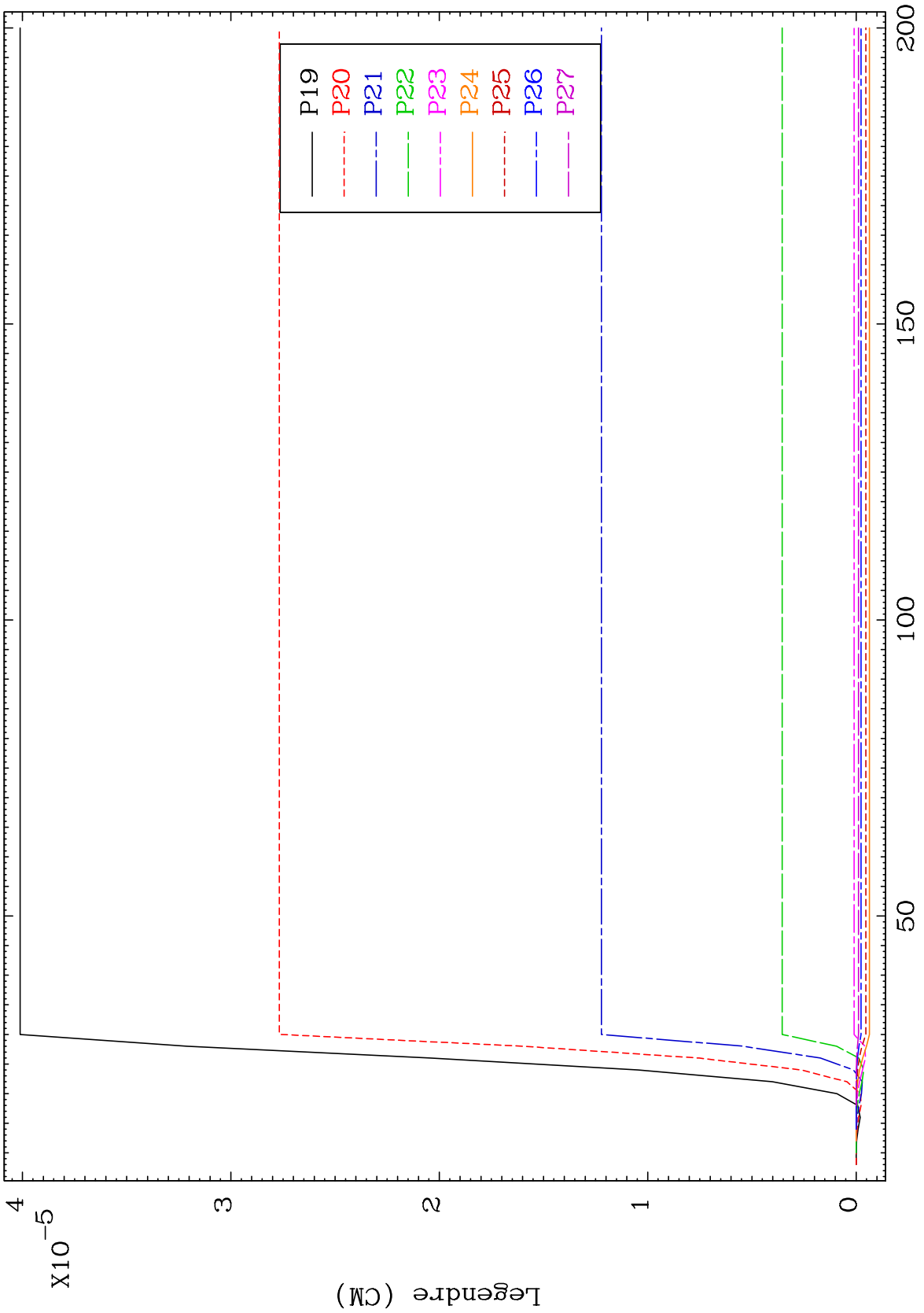
88

44-Ru-109

MAT 4464

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

44-Ru-109



89

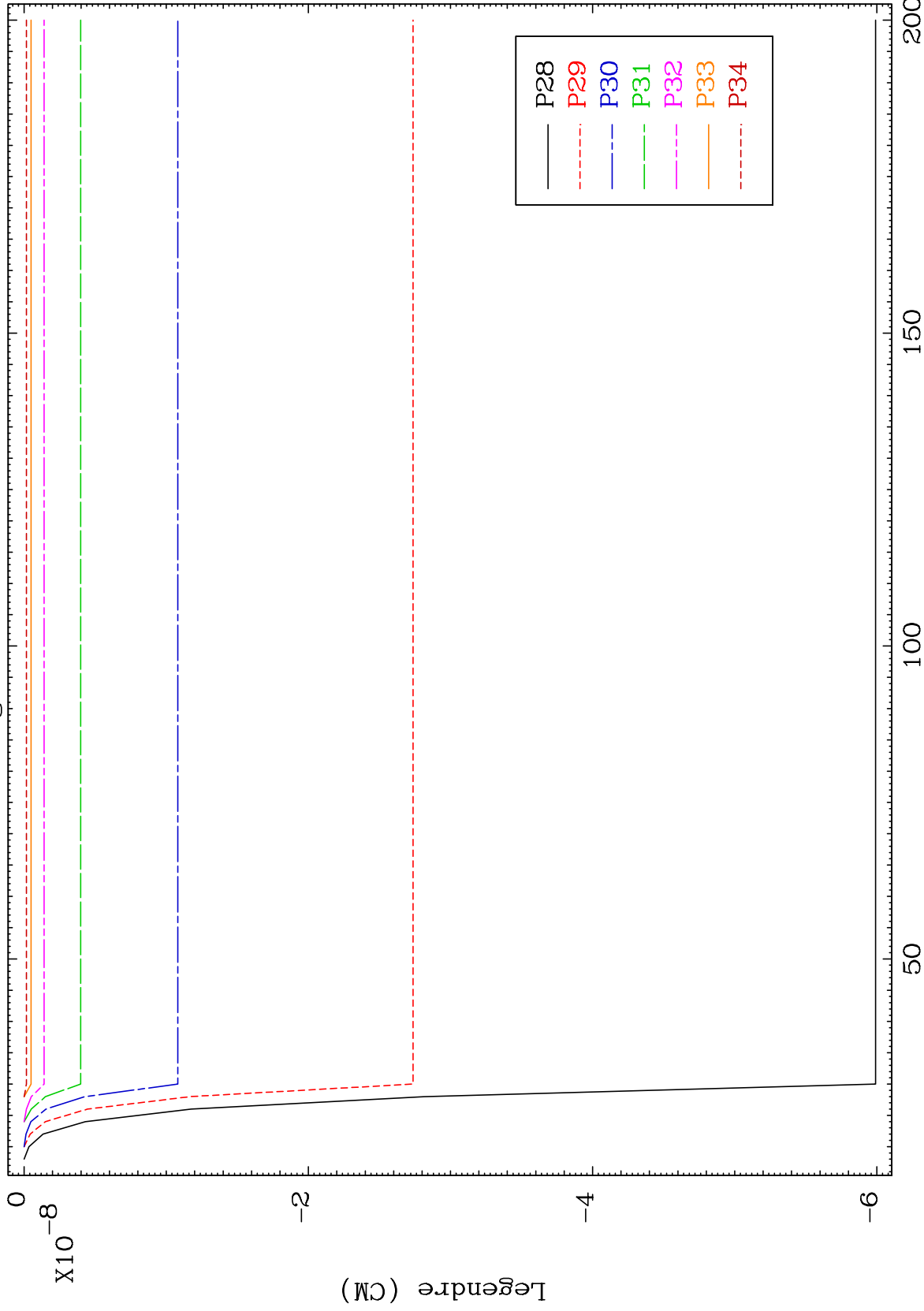
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



44-Ru-109

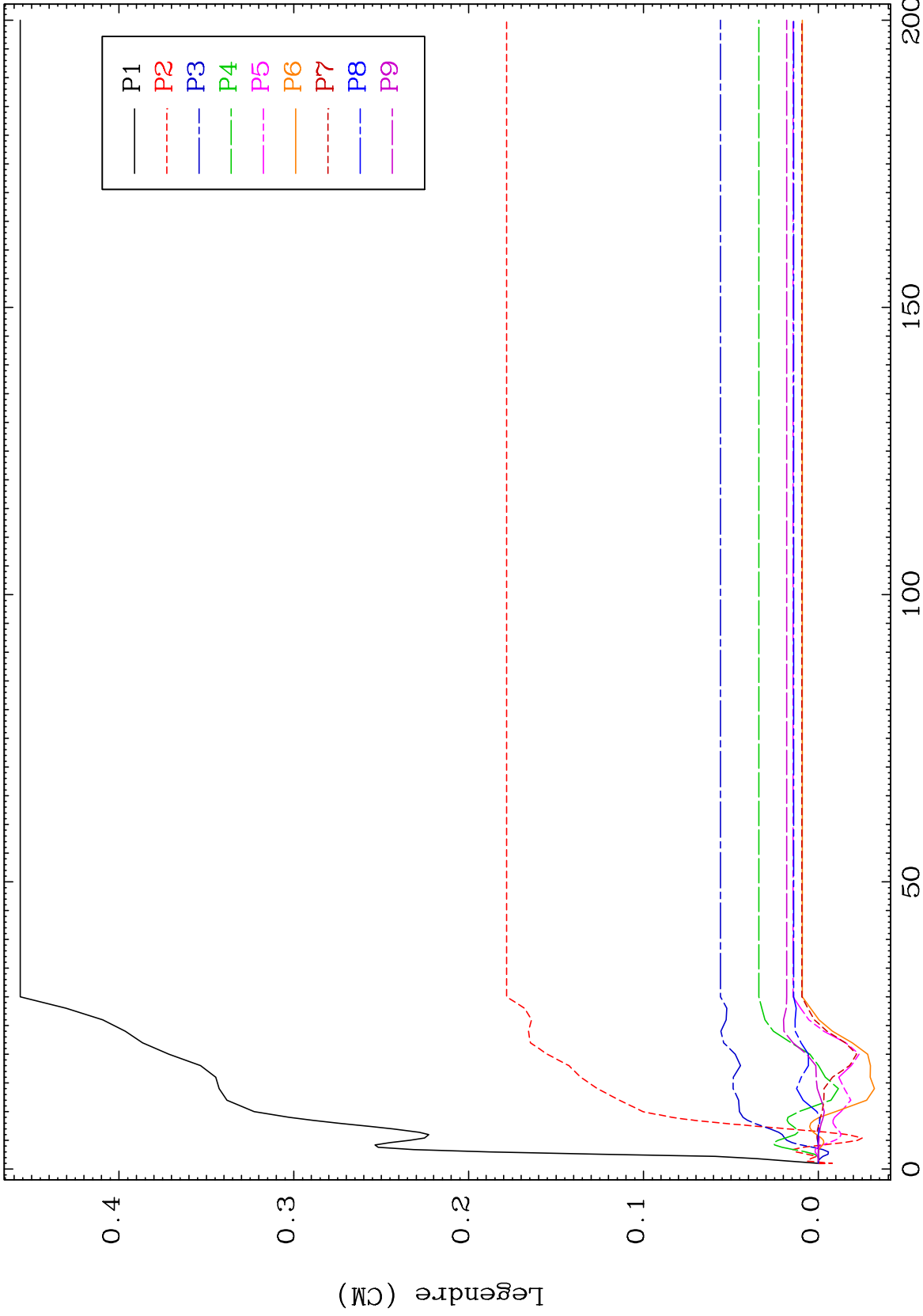
Incident Energy (MeV)

90

MAT 4464

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

44-Ru-109



91

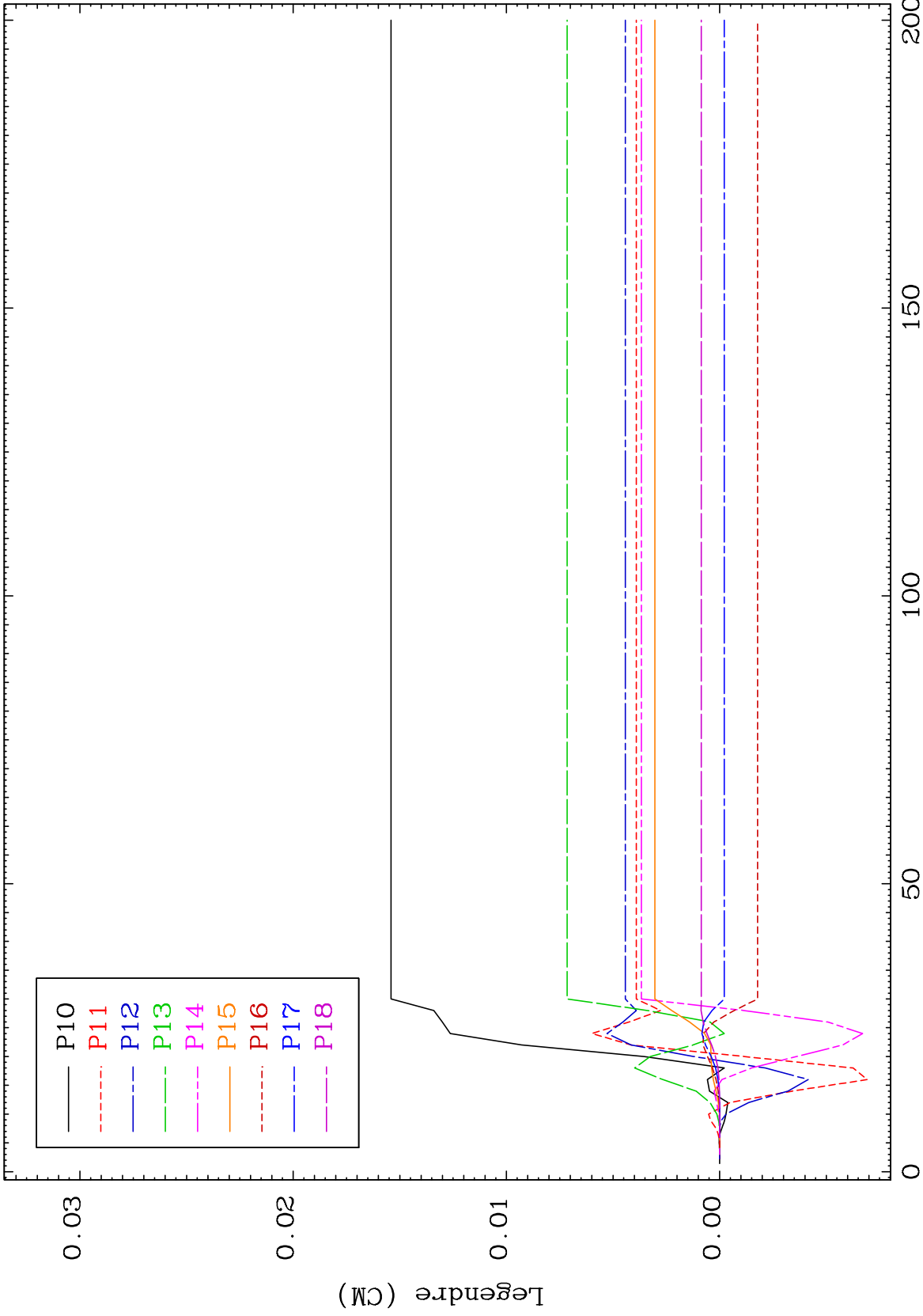
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



92

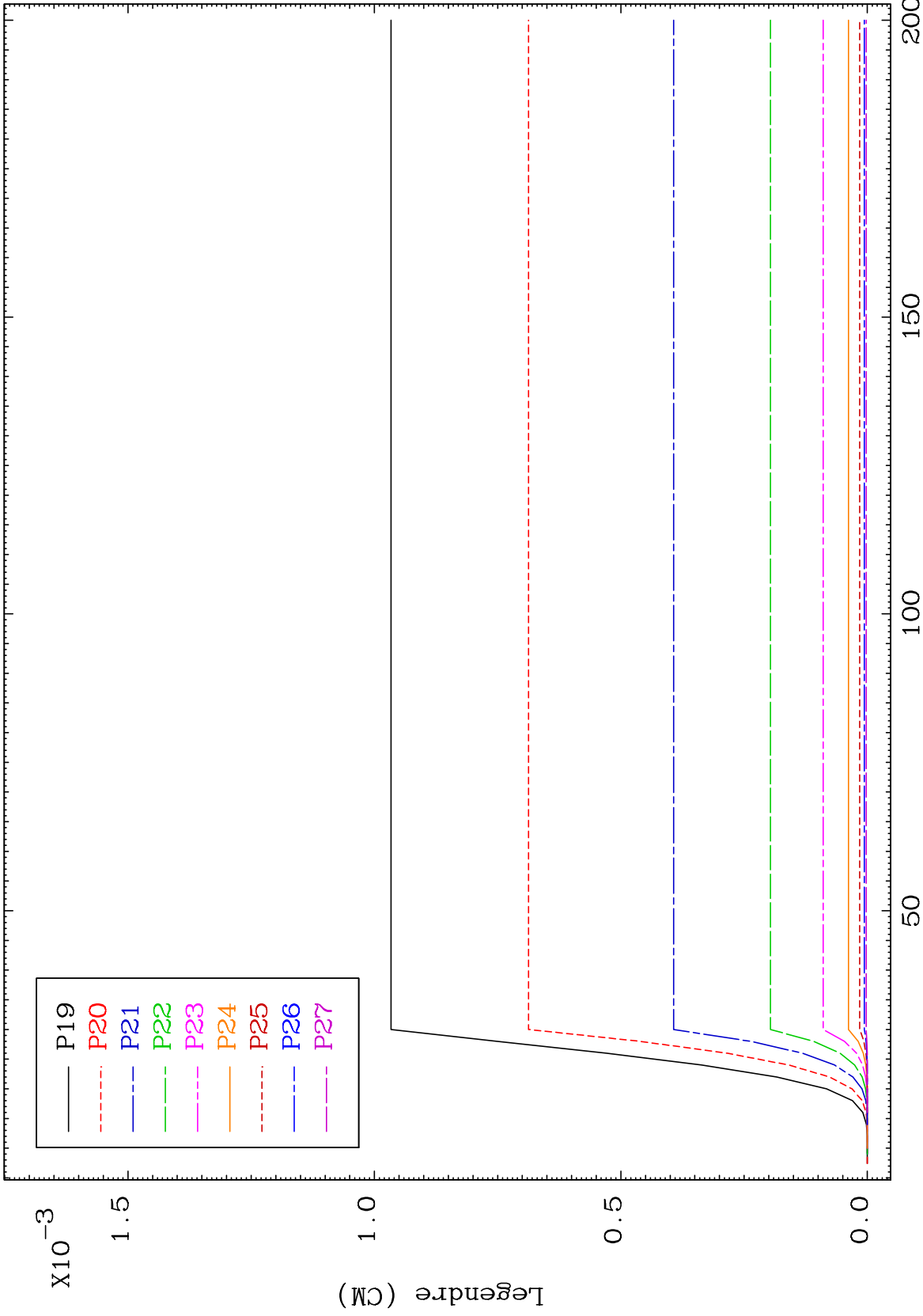
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



93

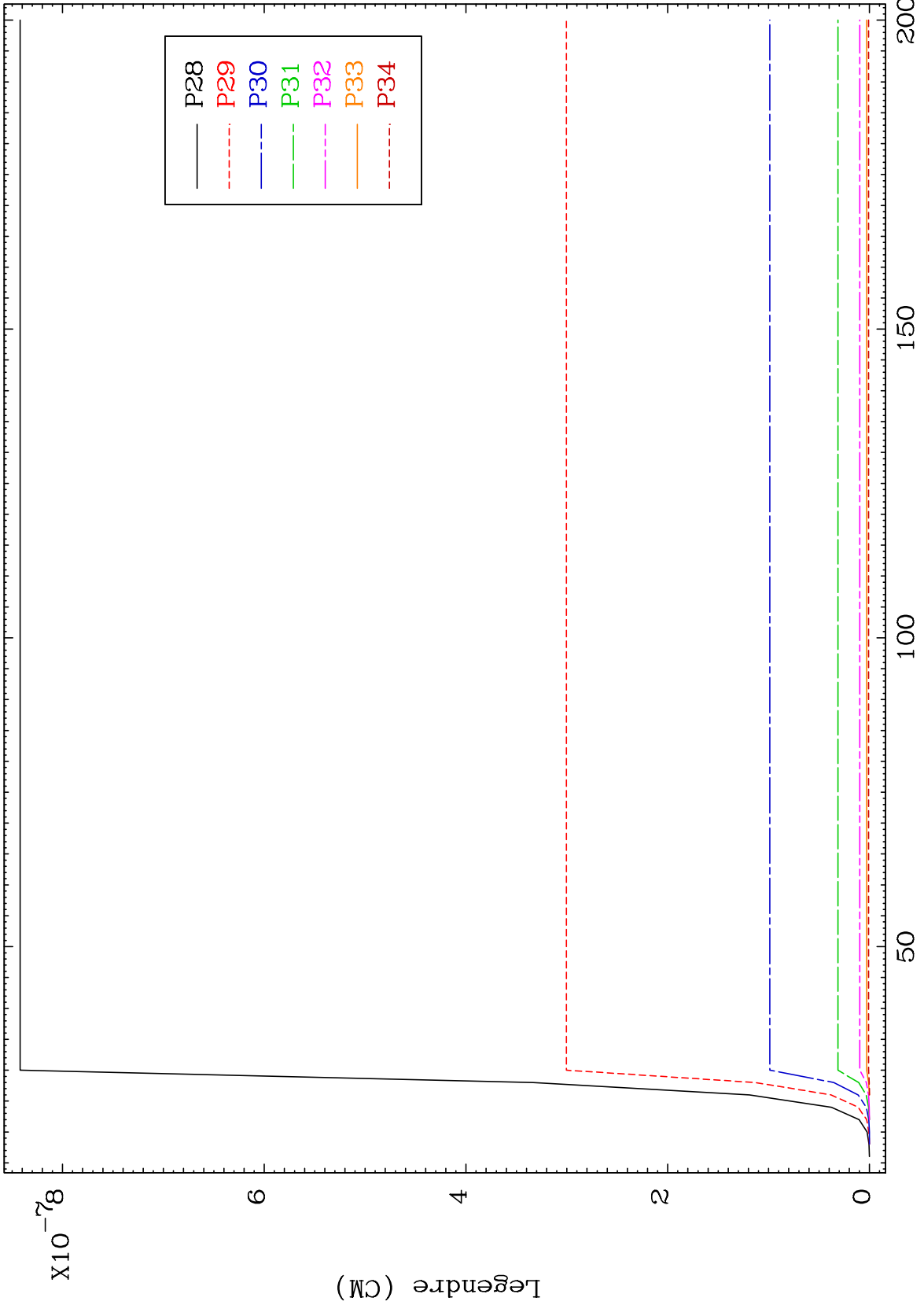
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



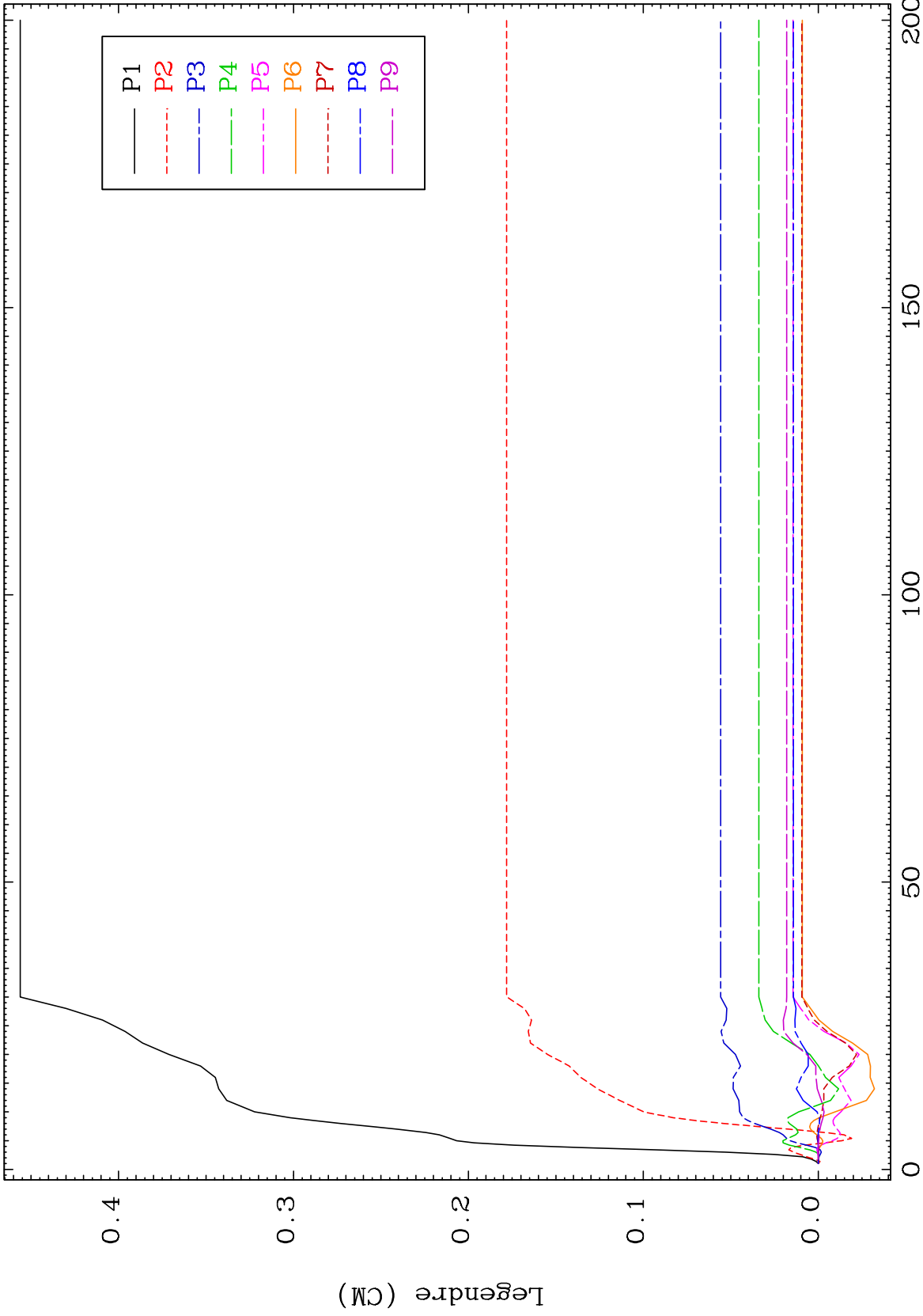
94

44-Ru-109

MAT 4464

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

44-Ru-109



95

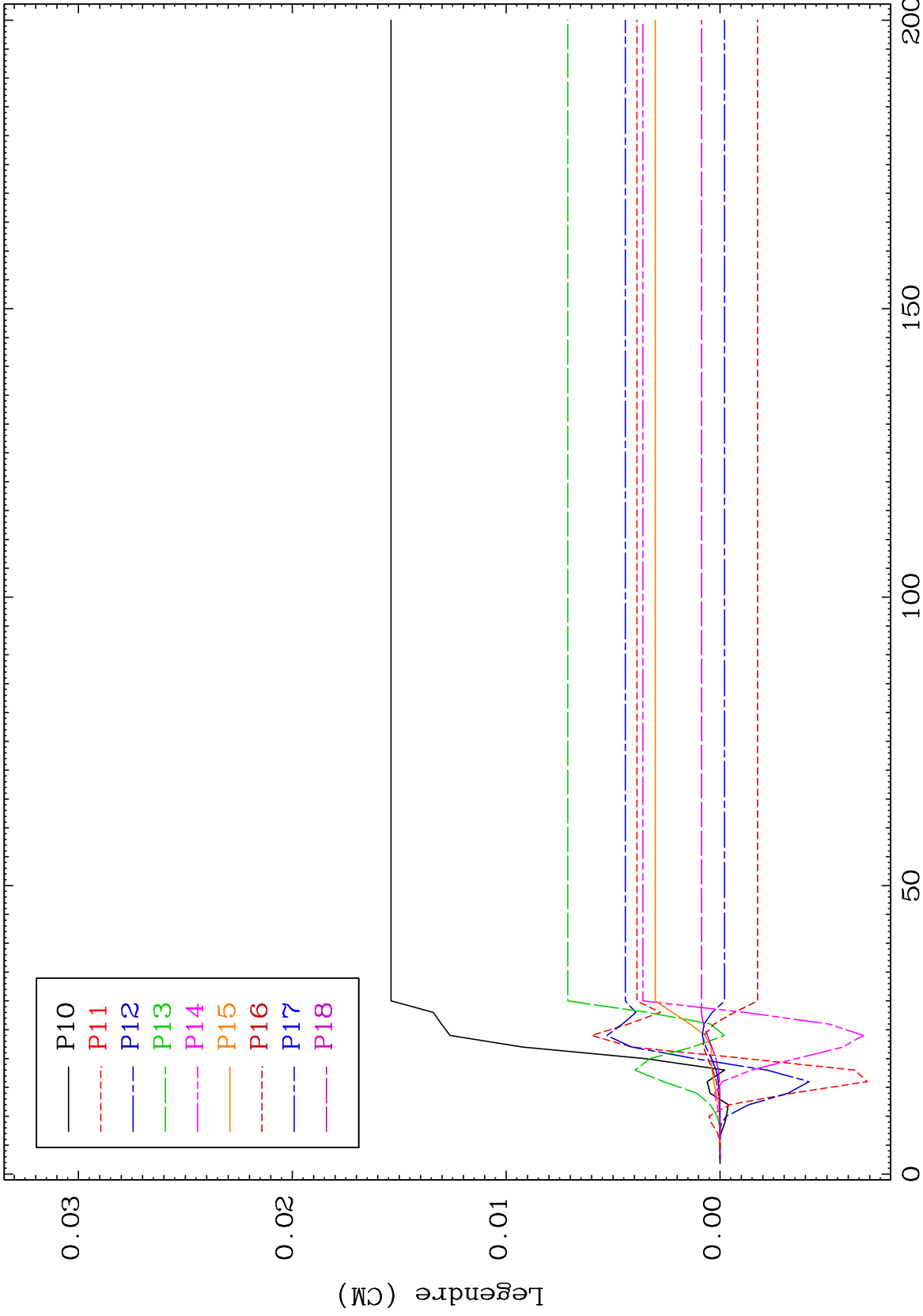
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



96

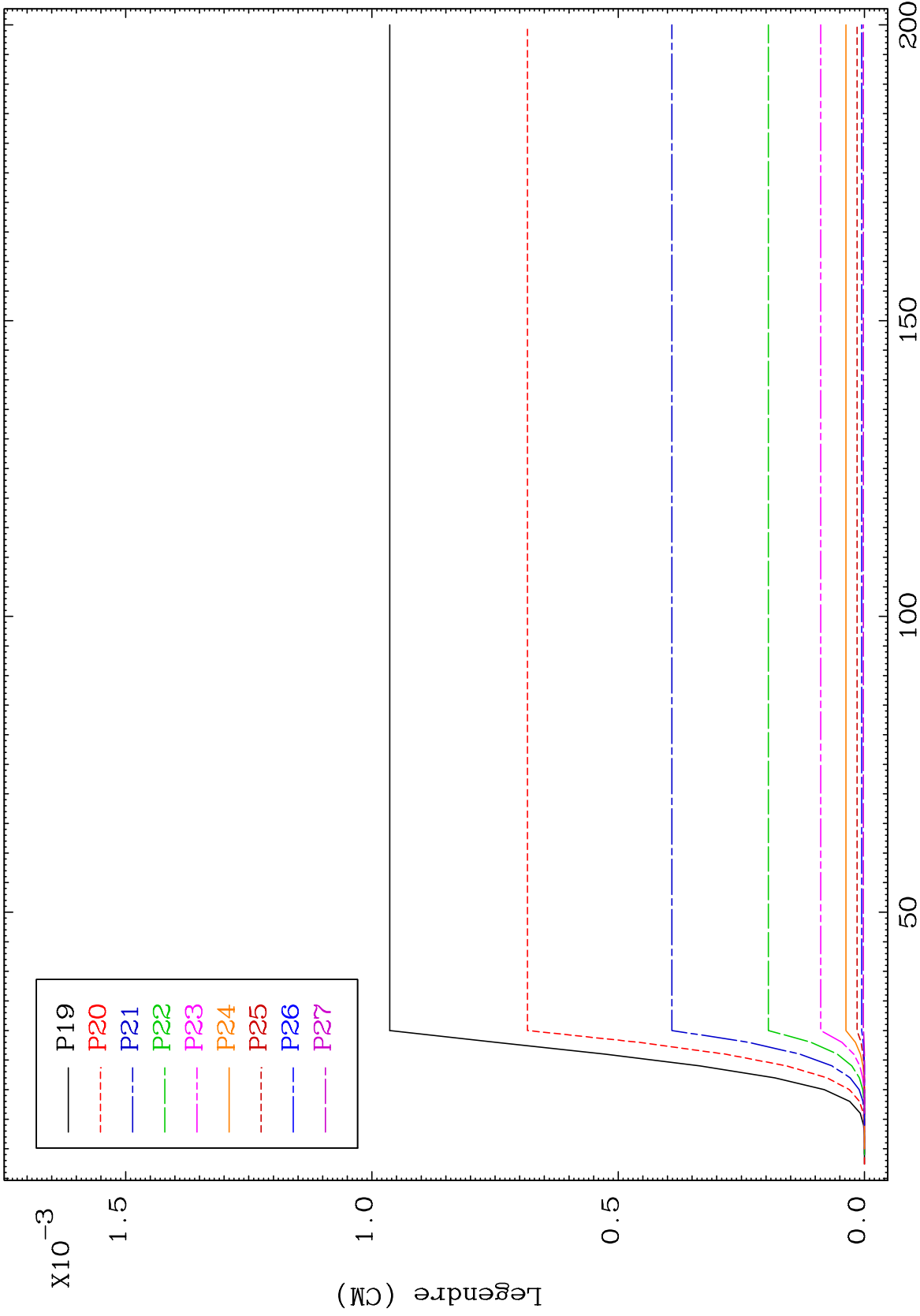
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



97

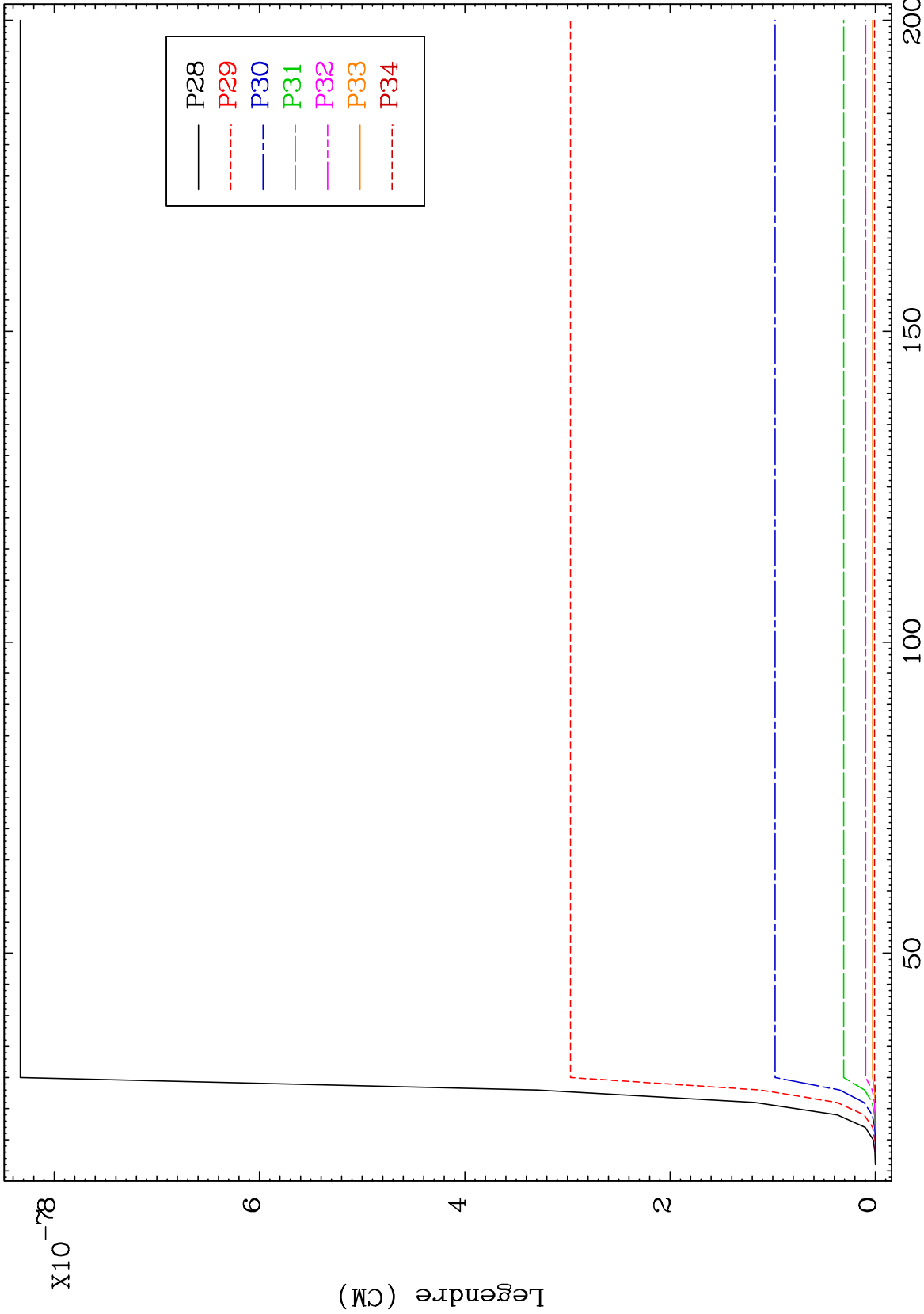
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



98

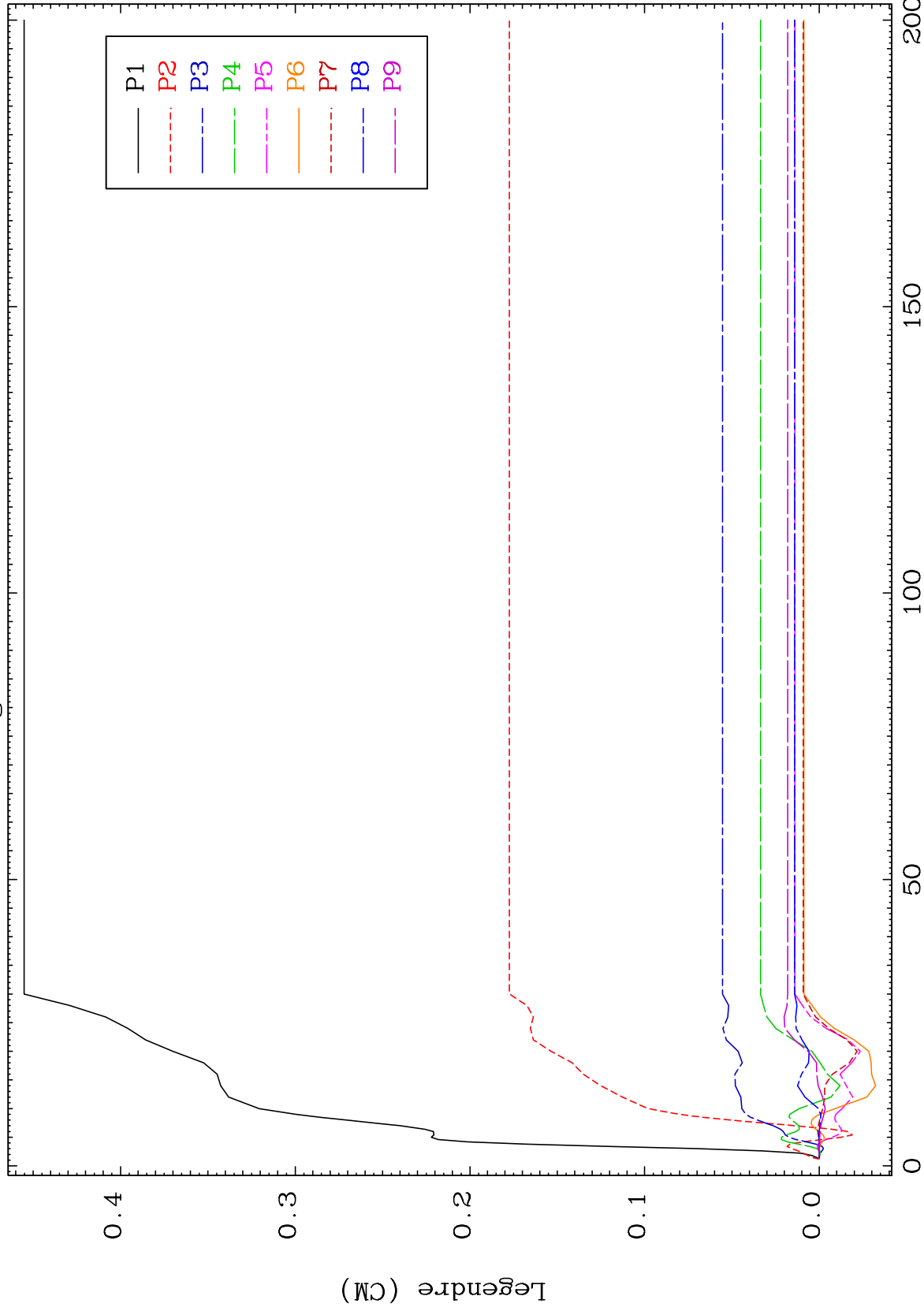
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



99

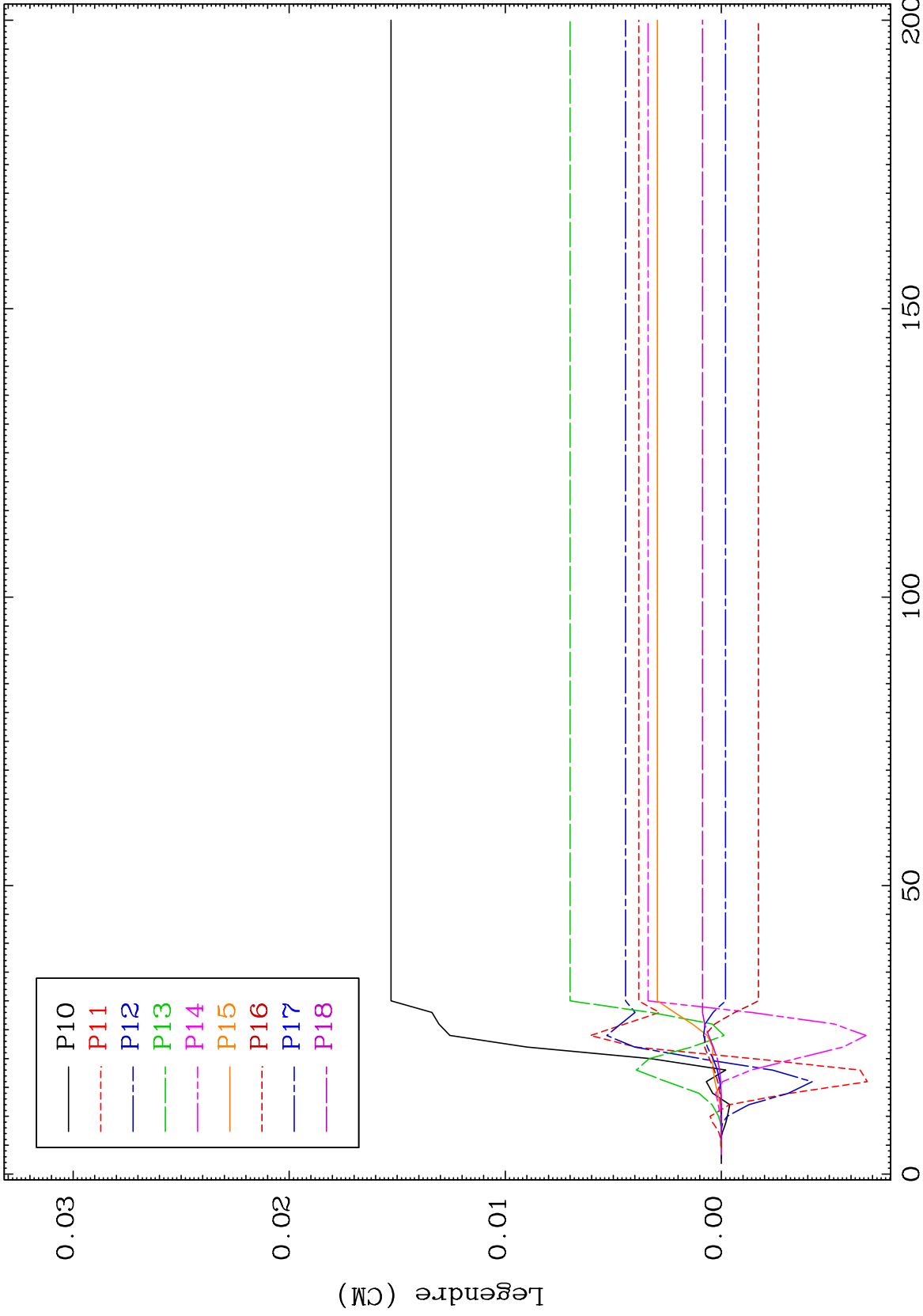
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



44-Ru-109

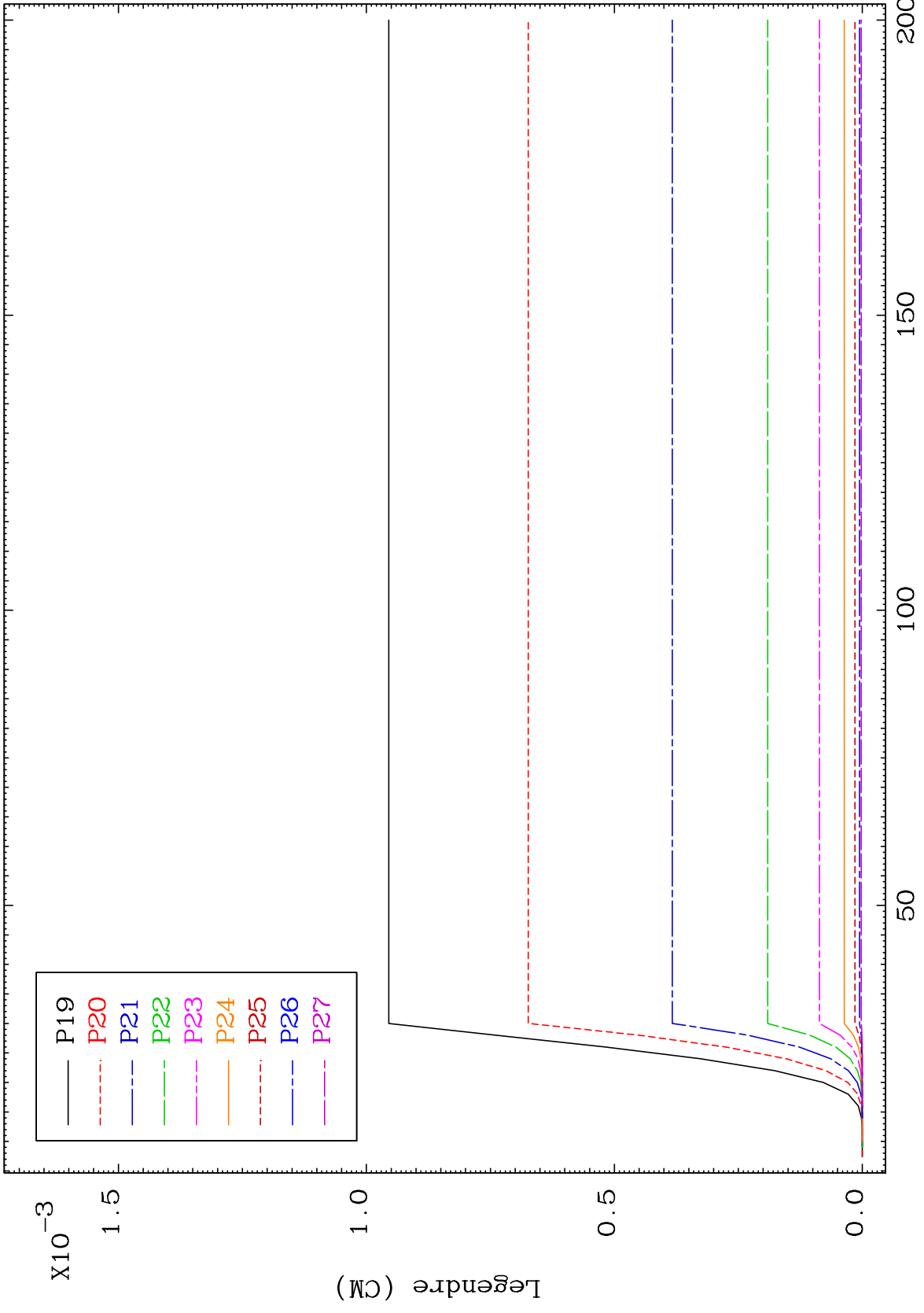
Incident Energy (MeV)

100

MAT 4464

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

44-Ru-109



101

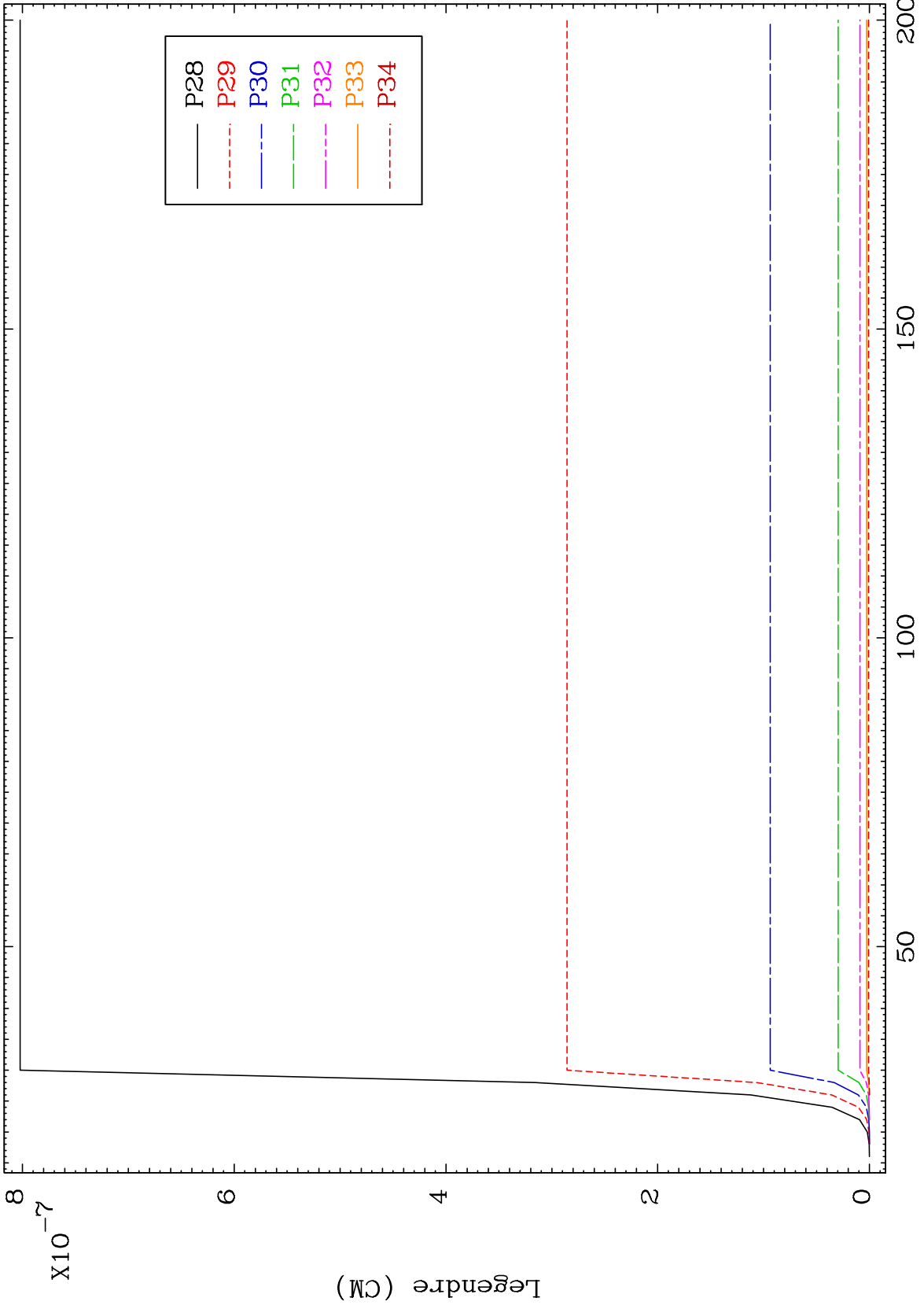
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



102

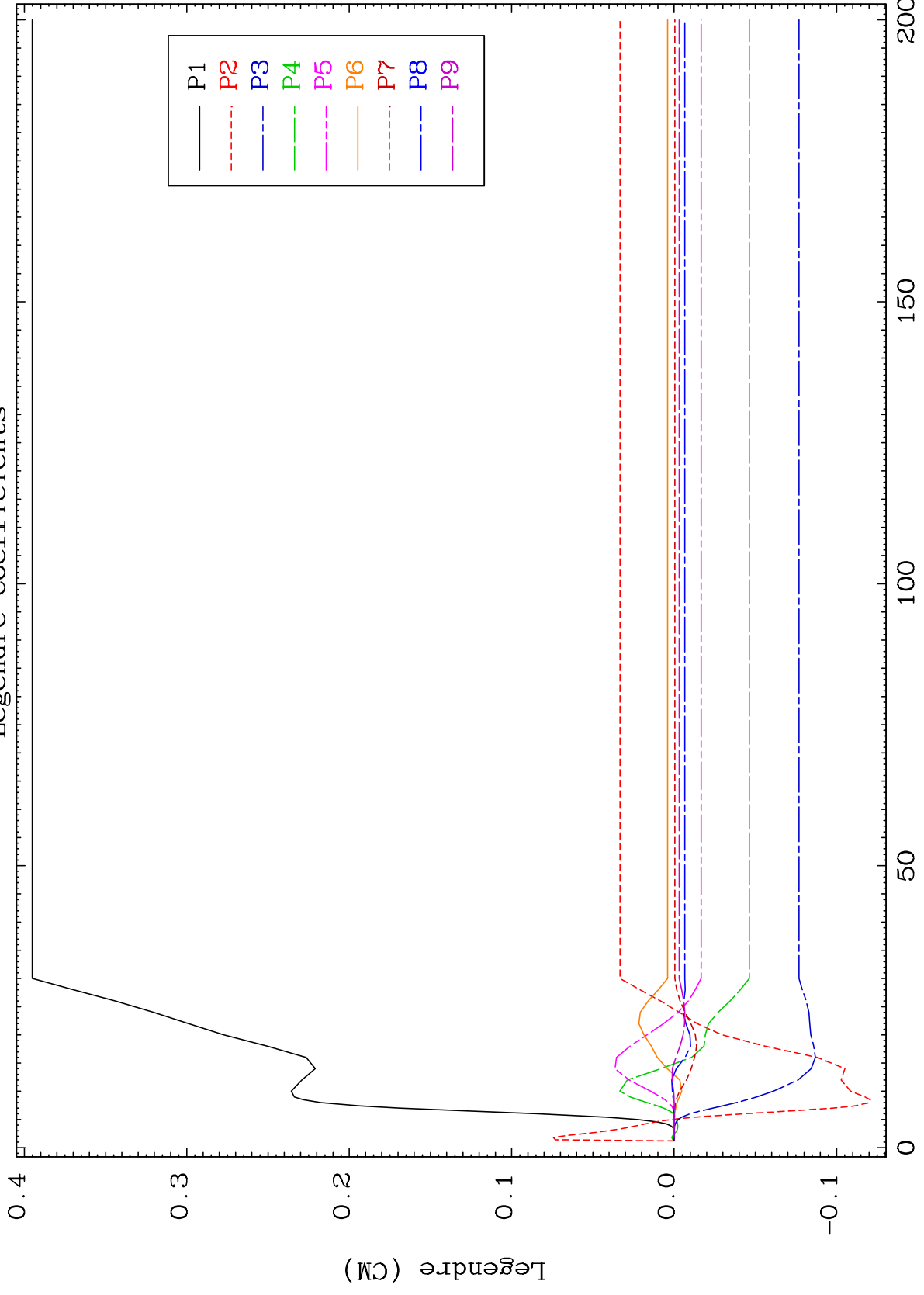
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



44-Ru-109

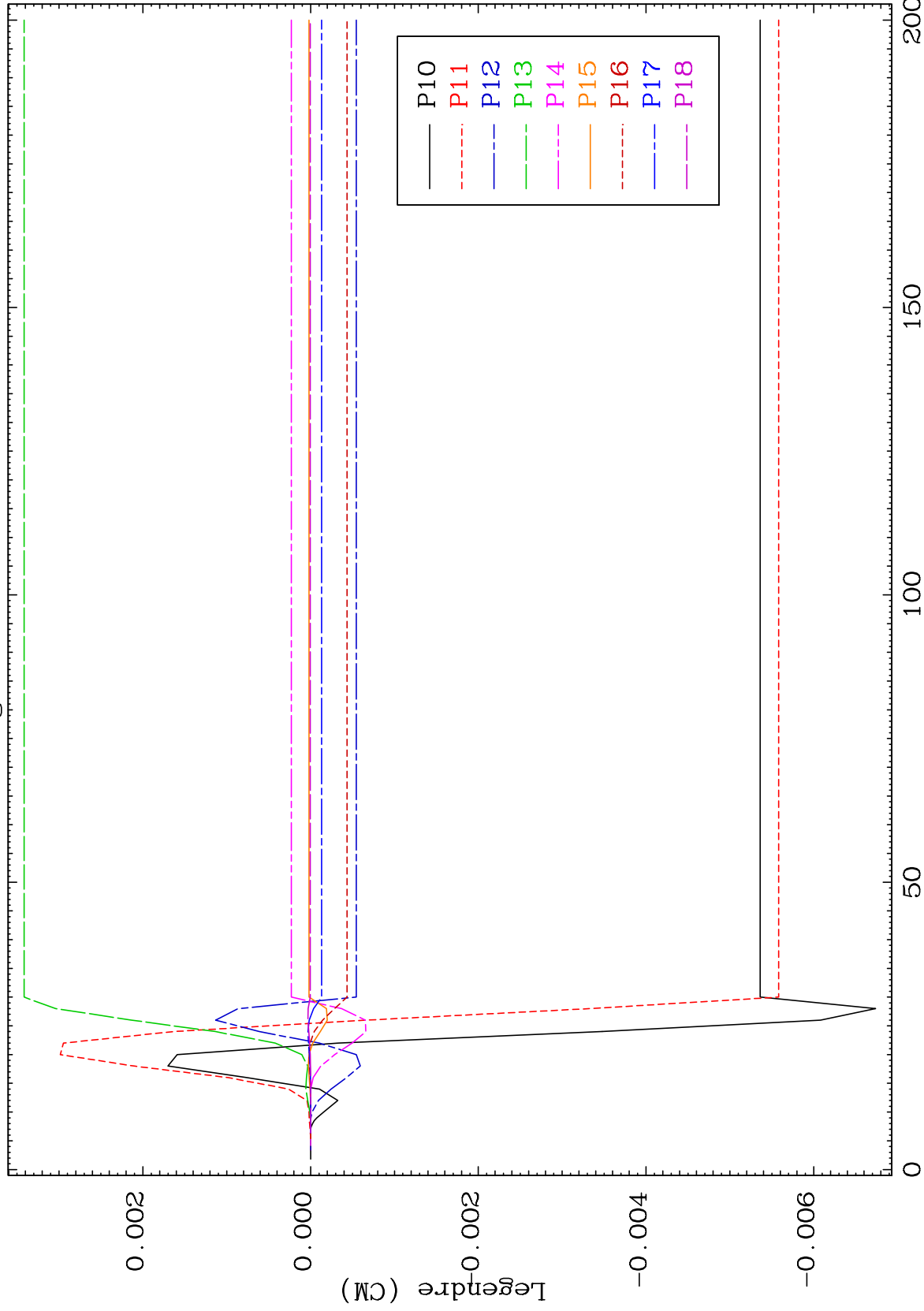
Incident Energy (MeV)

103

MAT 4464

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

44-Ru-109



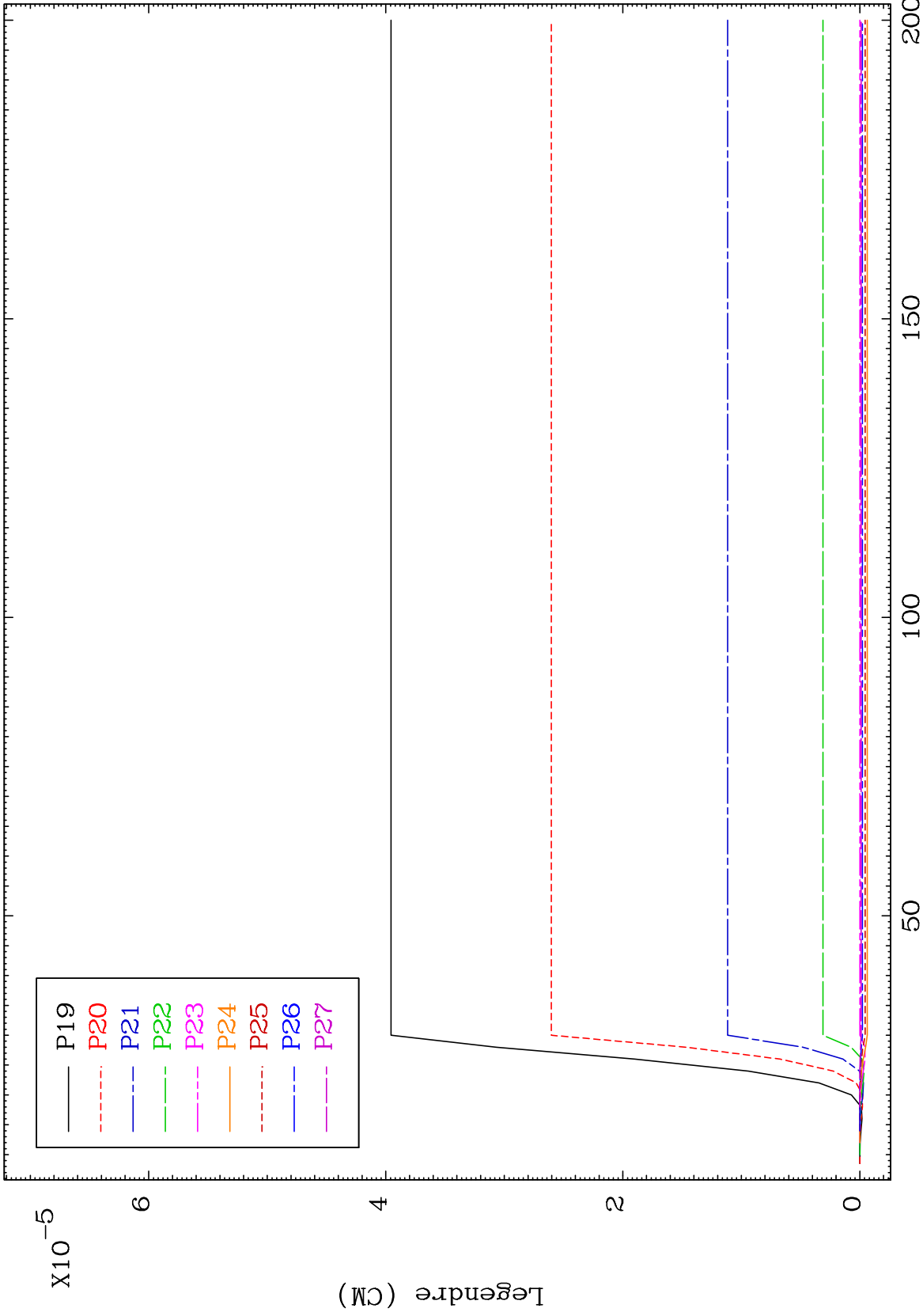
104

44-Ru-109

MAT 4464

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

44-Ru-109

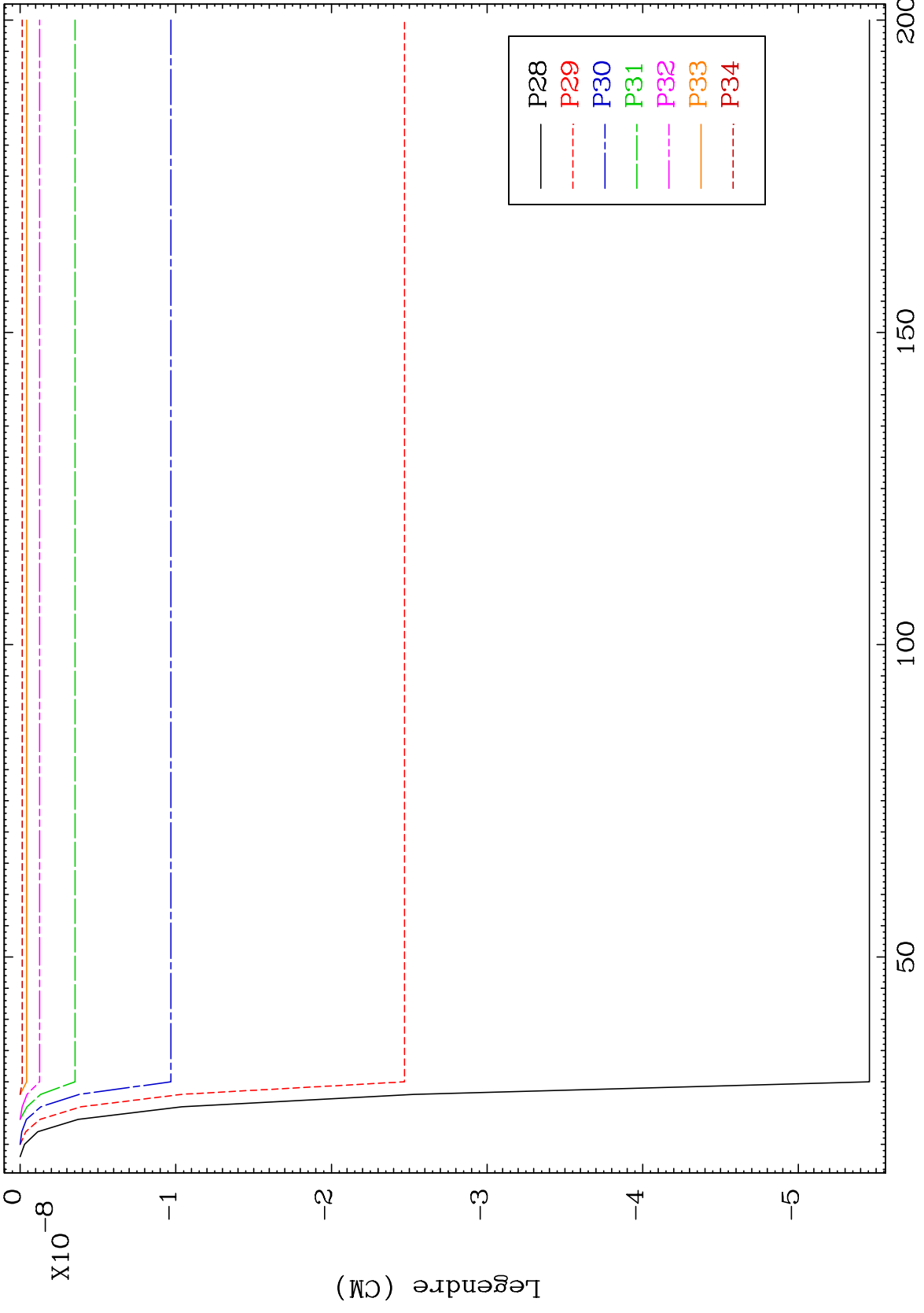


105

Incident Energy (MeV)

44-Ru-109

MAT 4464 MT= 72 (n,n') Level Legendre Coefficients 44-Ru-109

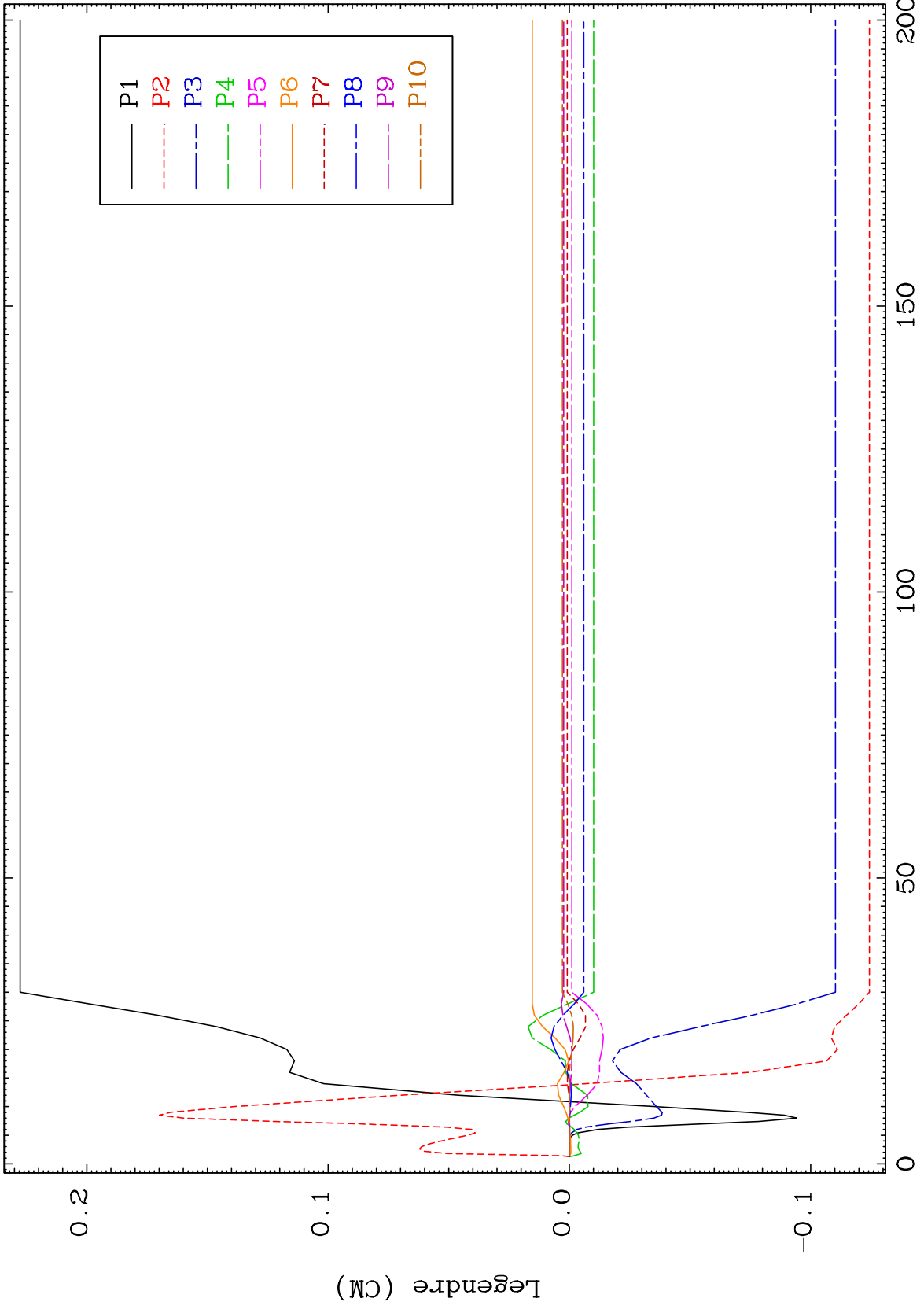


106 Incident Energy (MeV) 44-Ru-109

MAT 4464

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

44-Ru-109



107

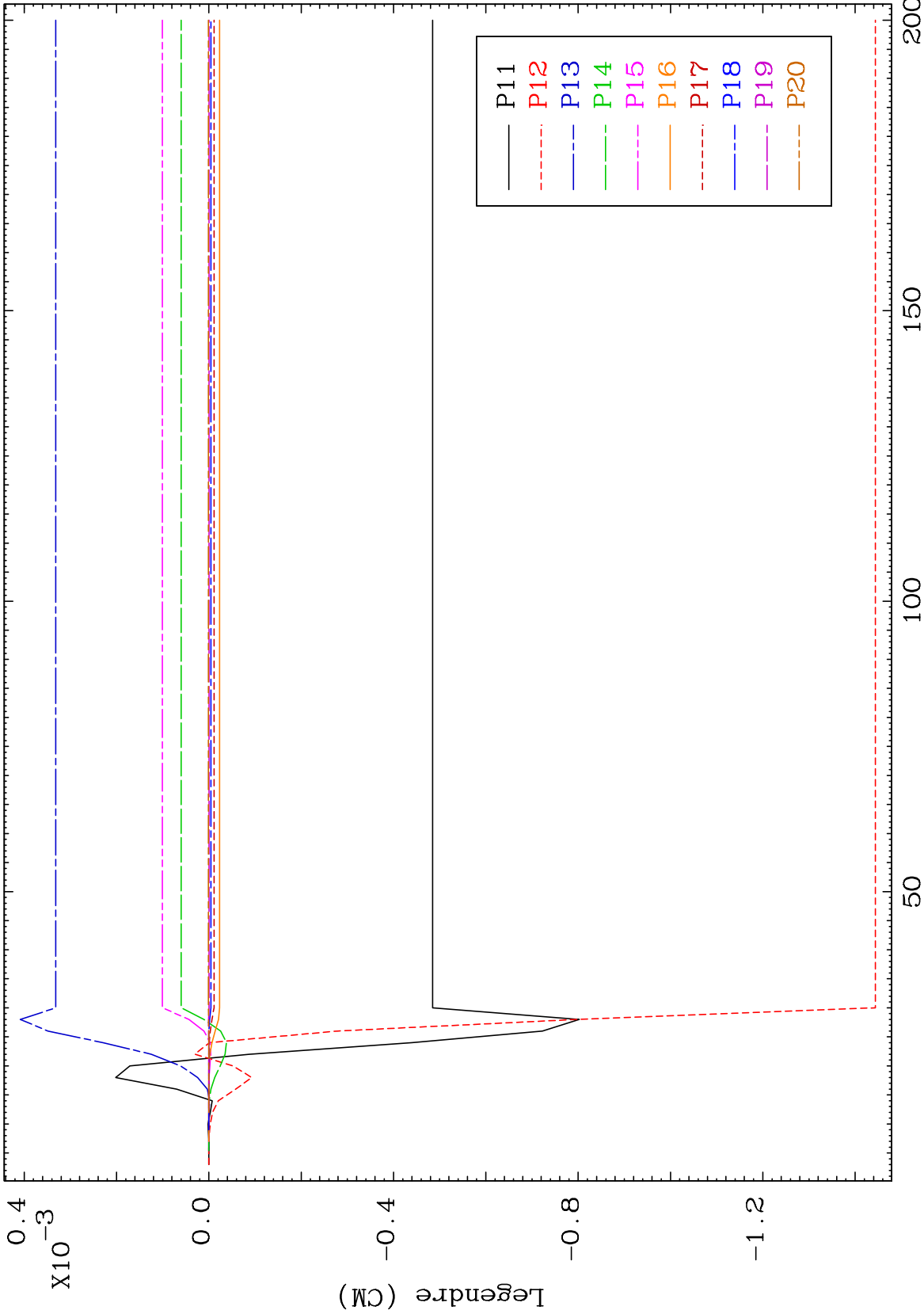
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



108

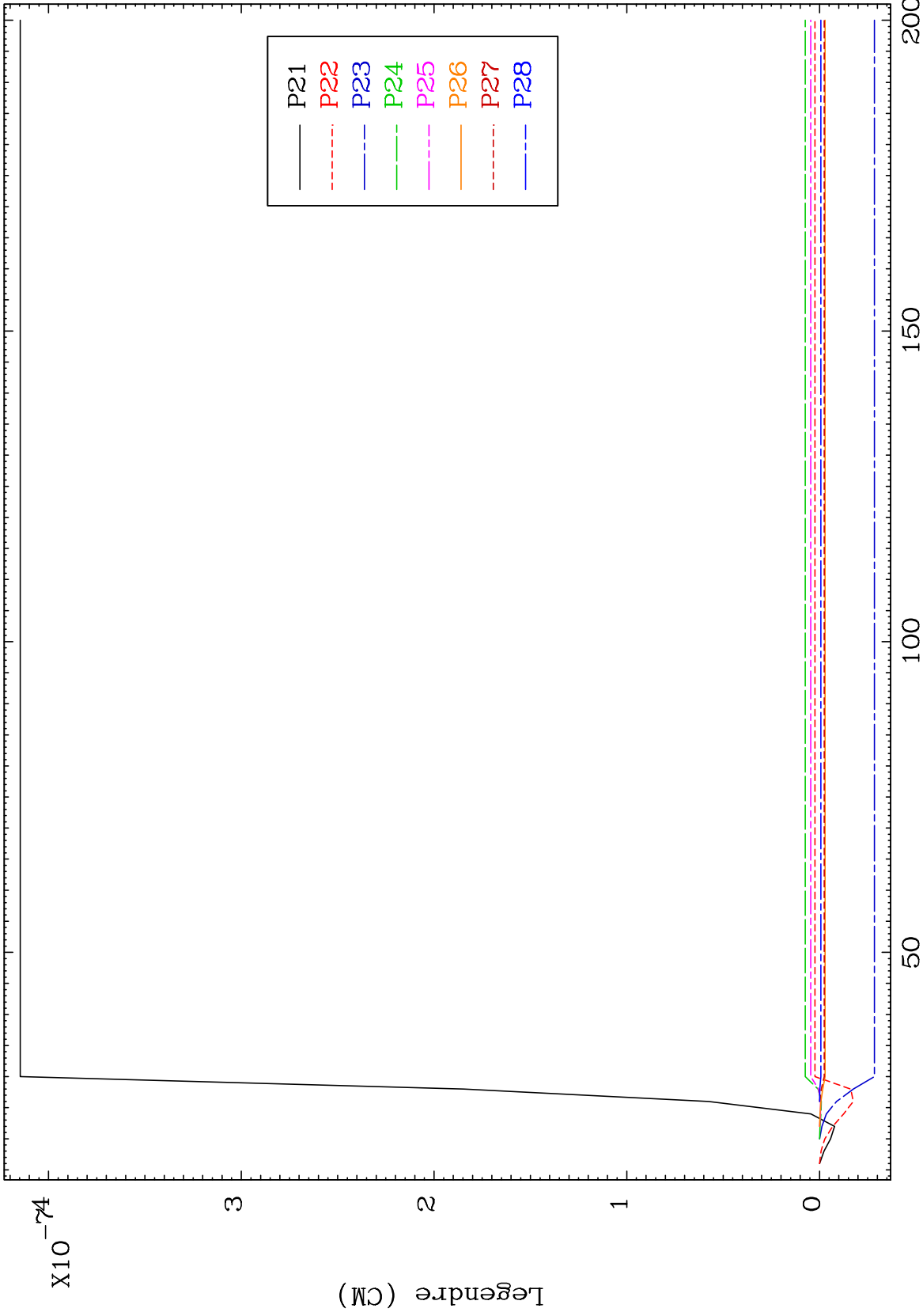
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



109

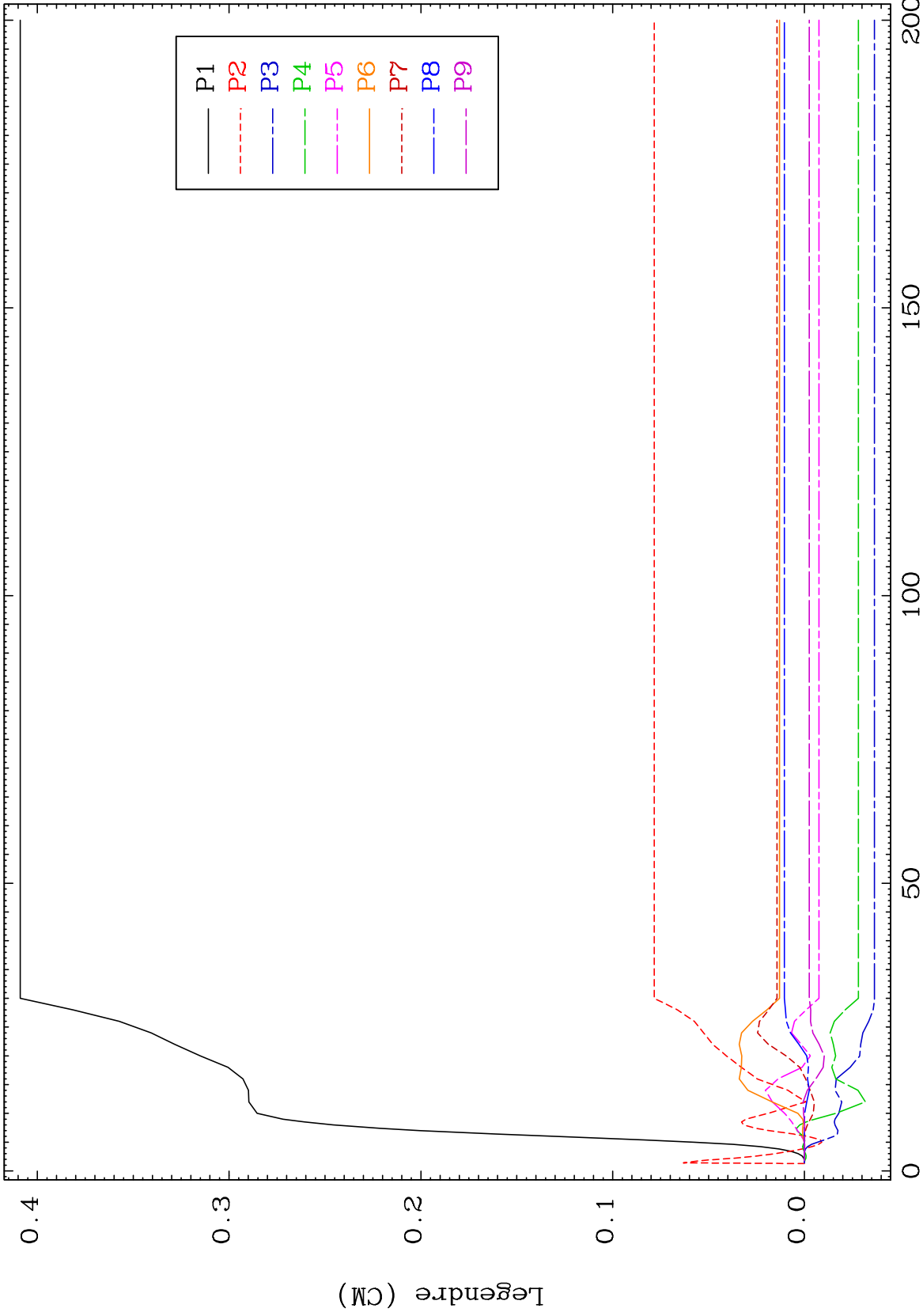
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



44-Ru-109

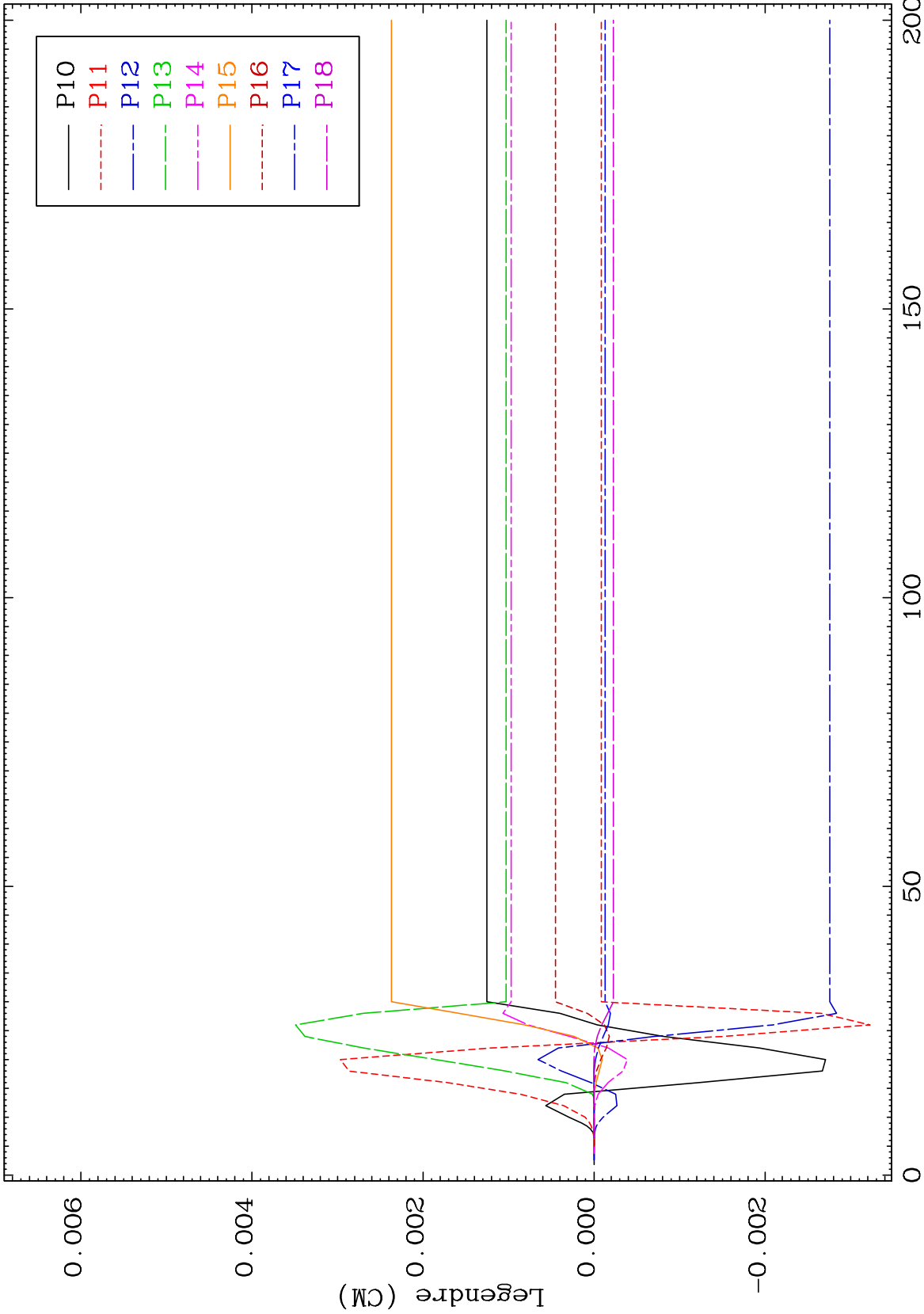
Incident Energy (MeV)

110

MAT 4464

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

44-Ru-109



111

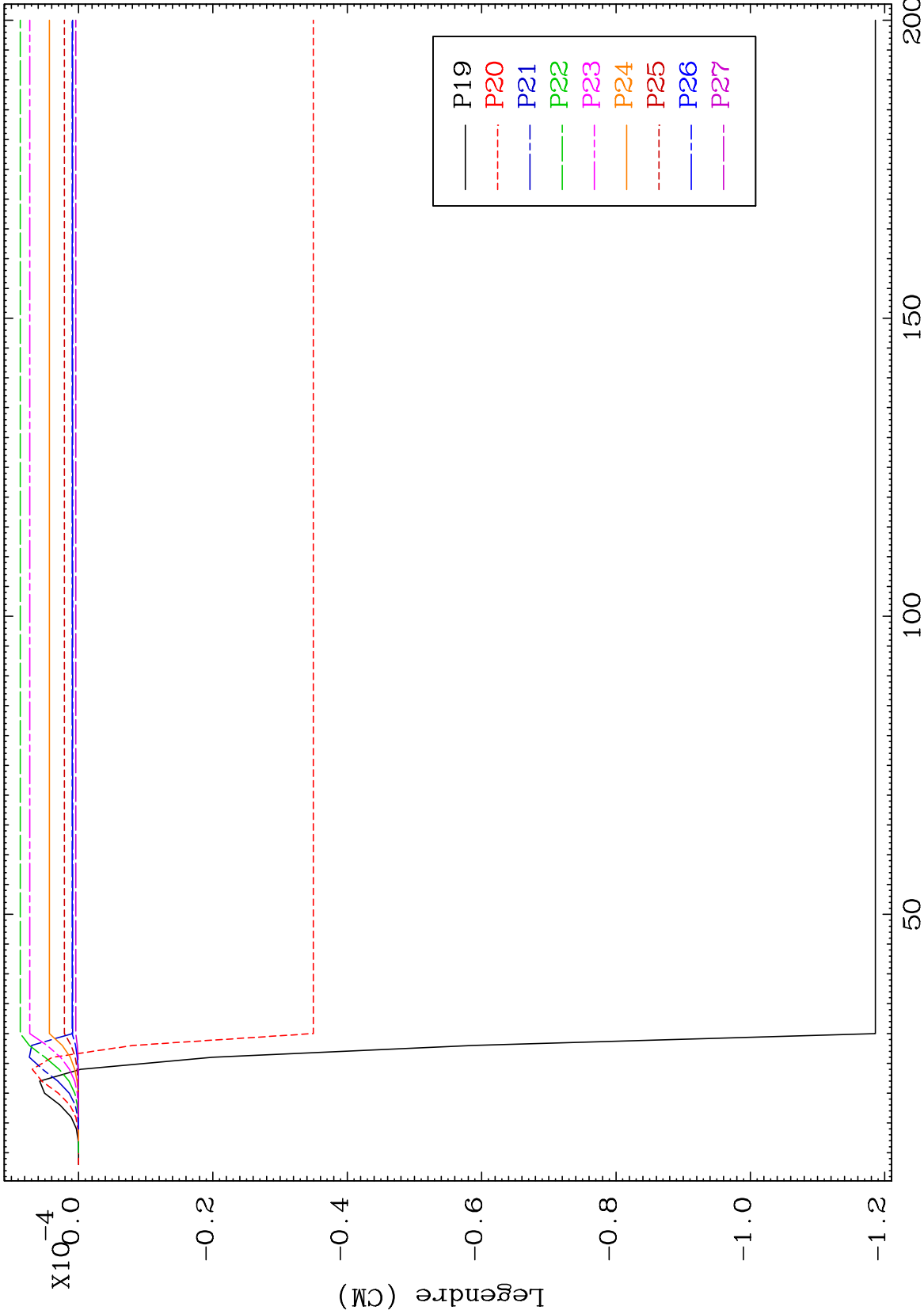
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



112

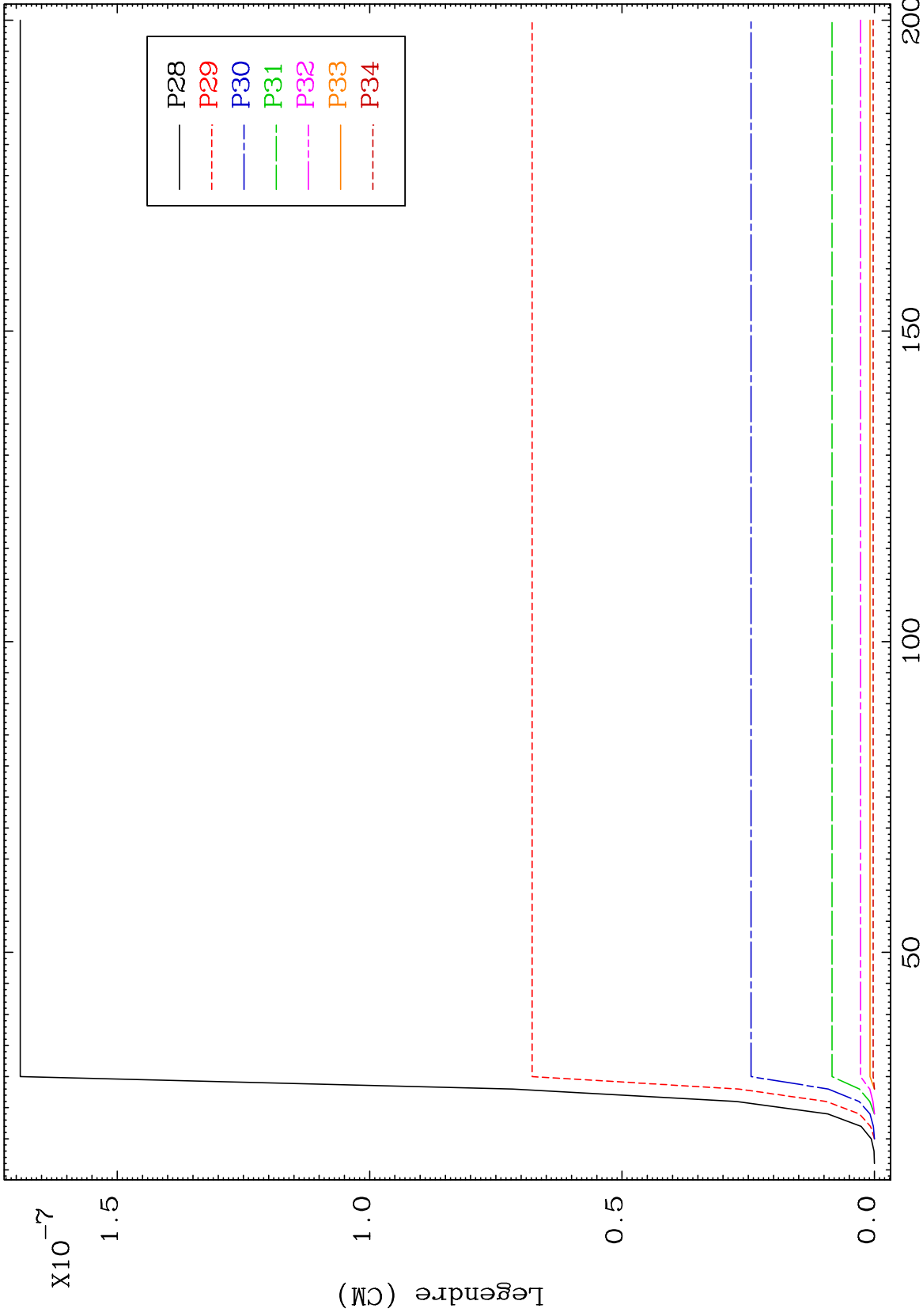
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



113

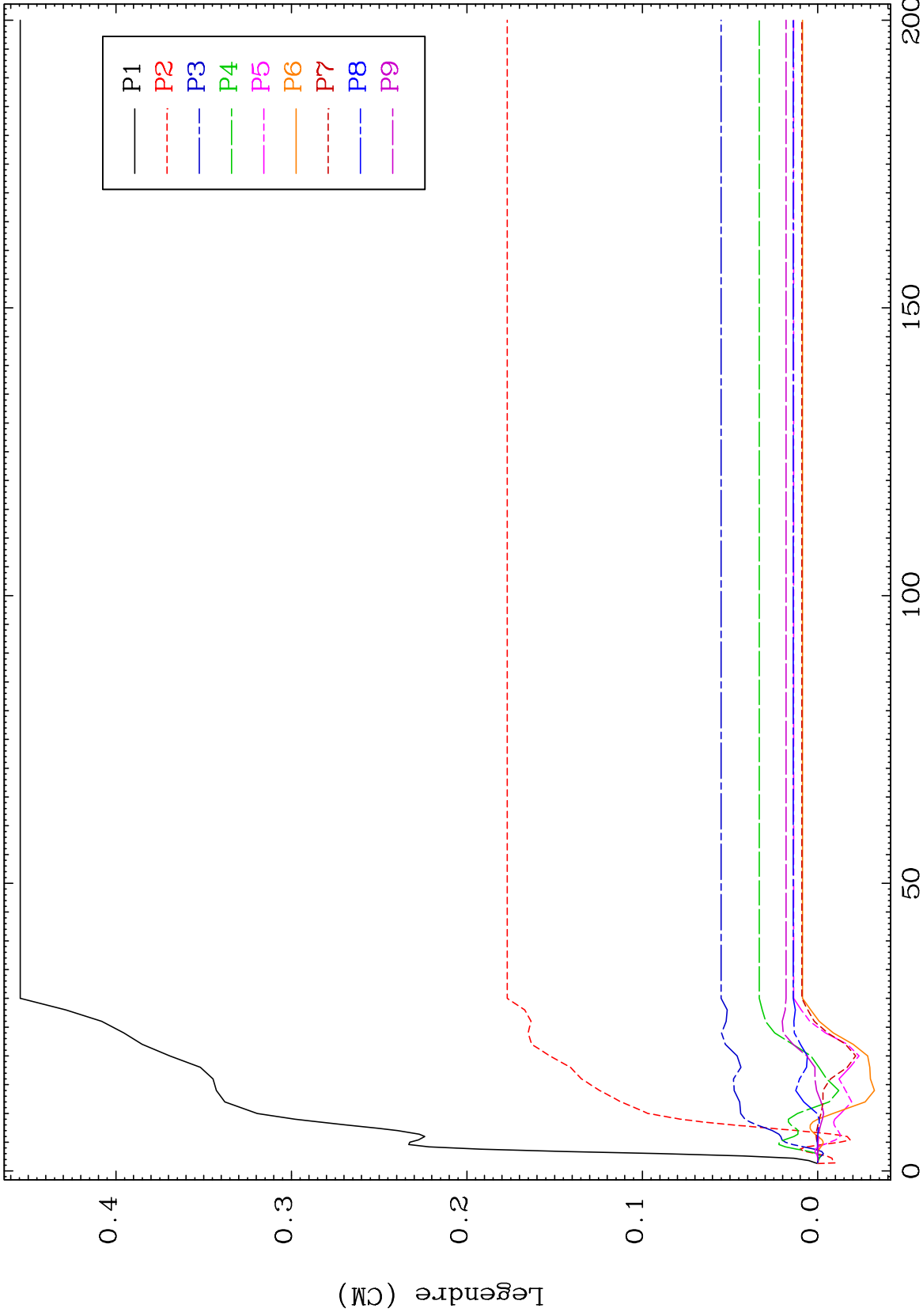
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



44-Ru-109

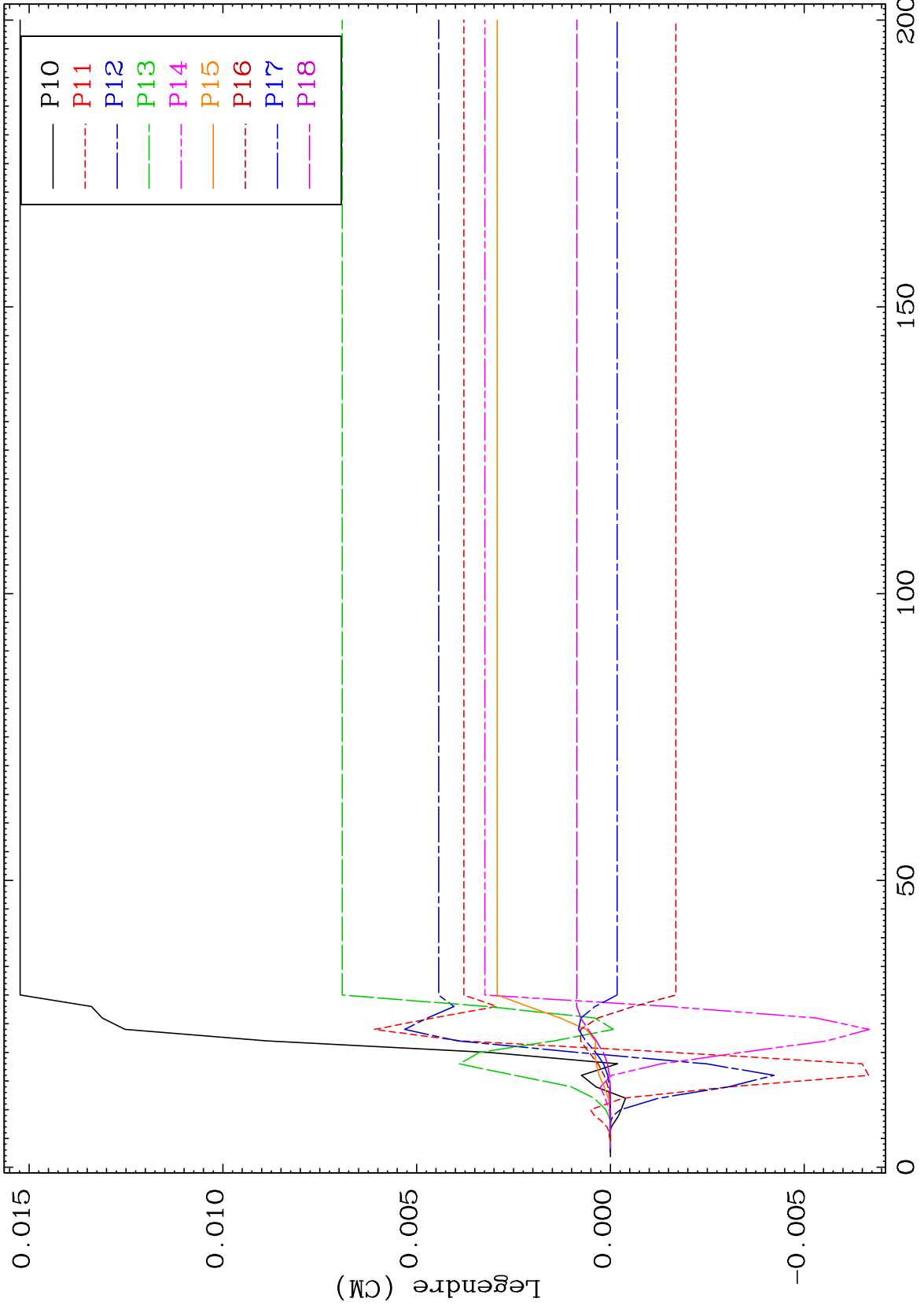
Incident Energy (MeV)

114

MAT 4464

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

44-Ru-109



44-Ru-109

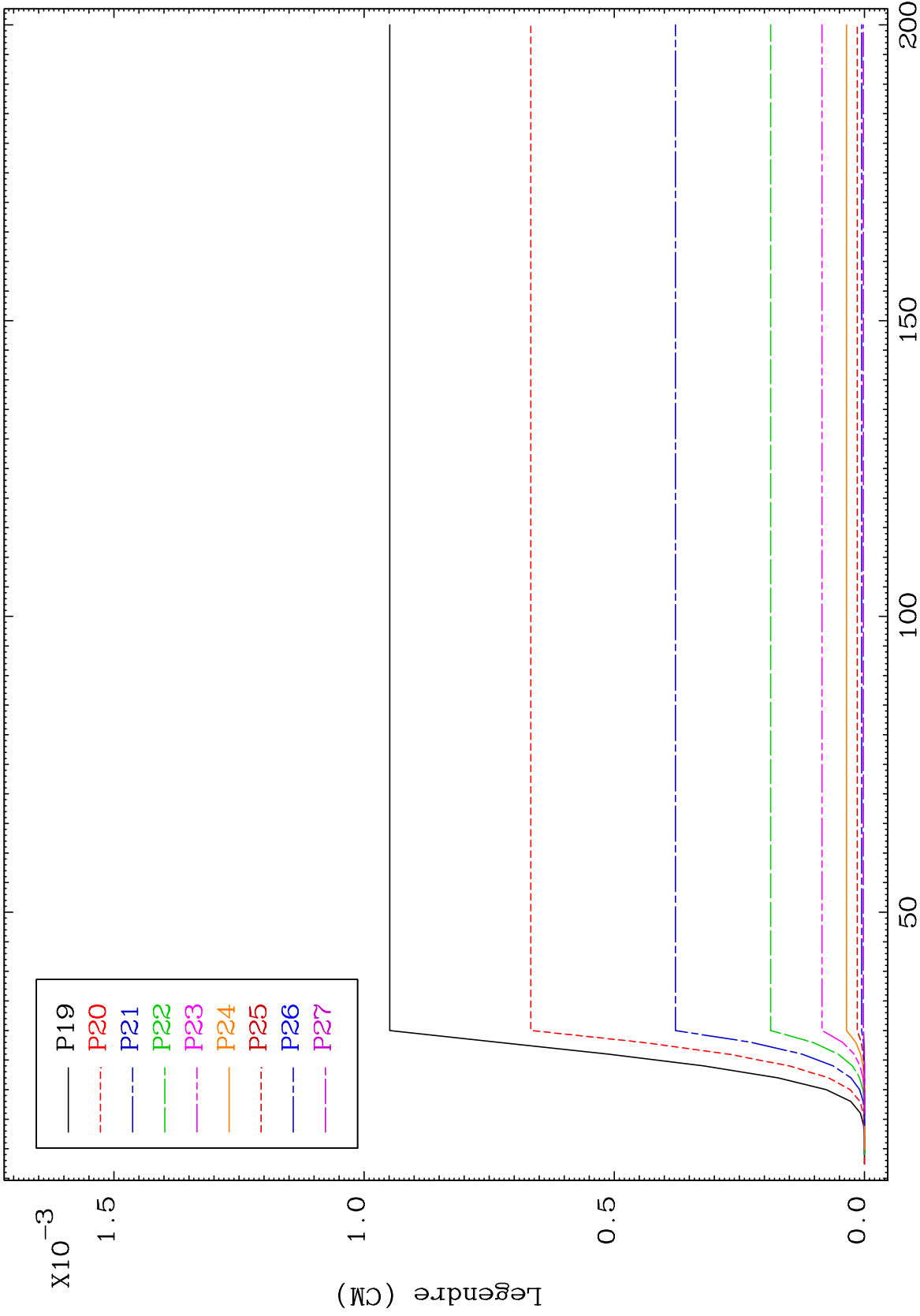
Incident Energy (MeV)

115

MAT 4464

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

44-Ru-109



116

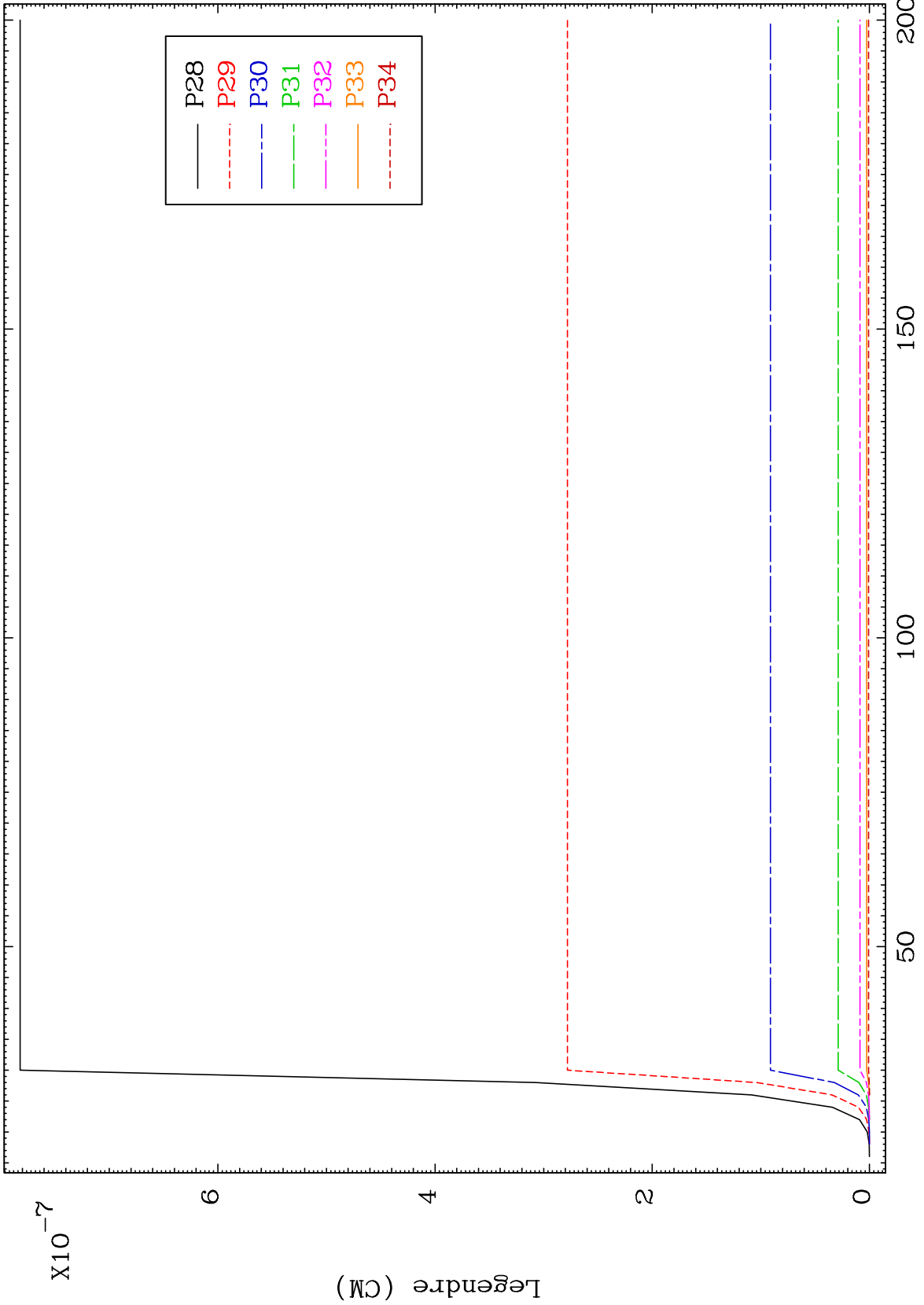
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



117

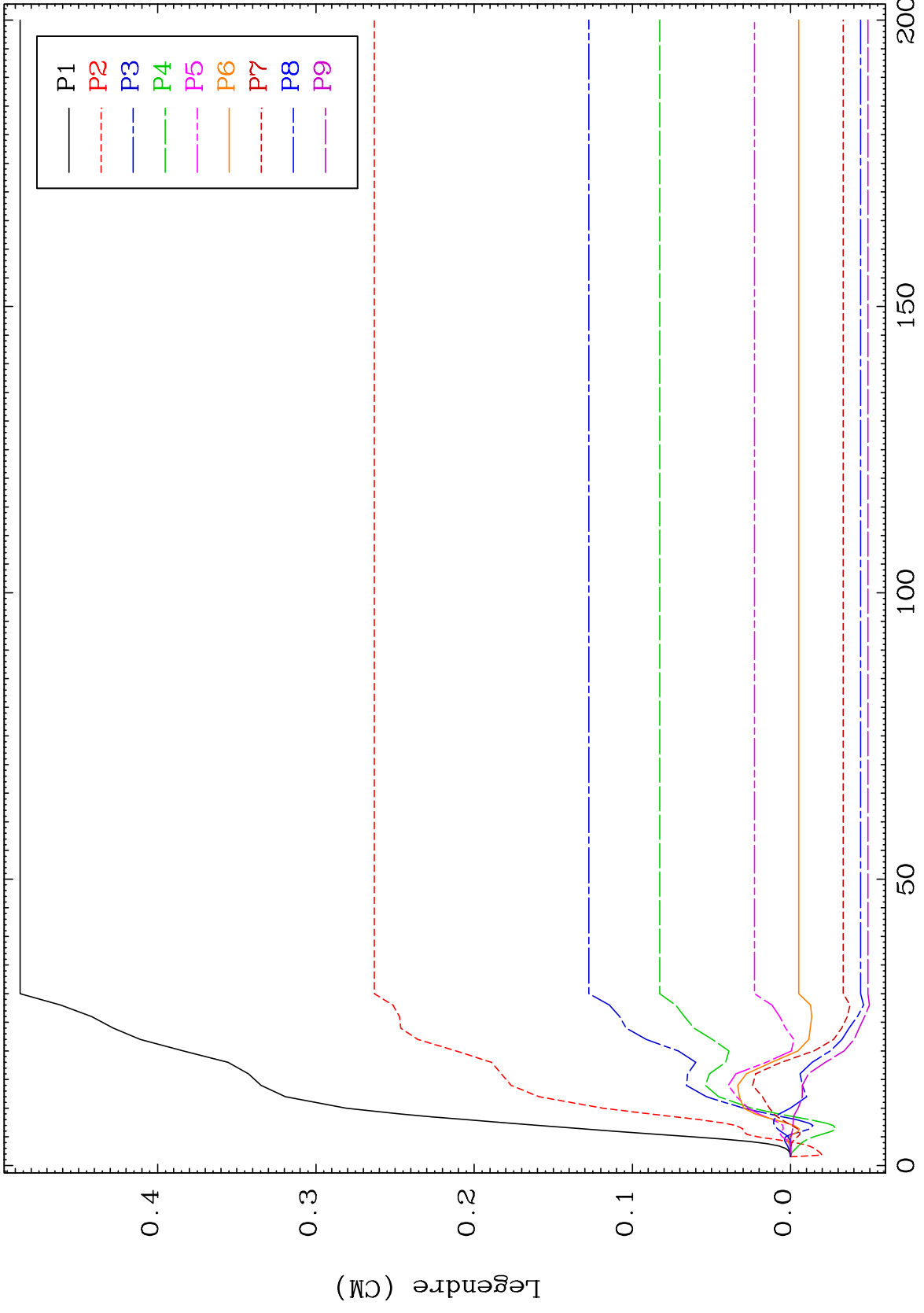
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



118

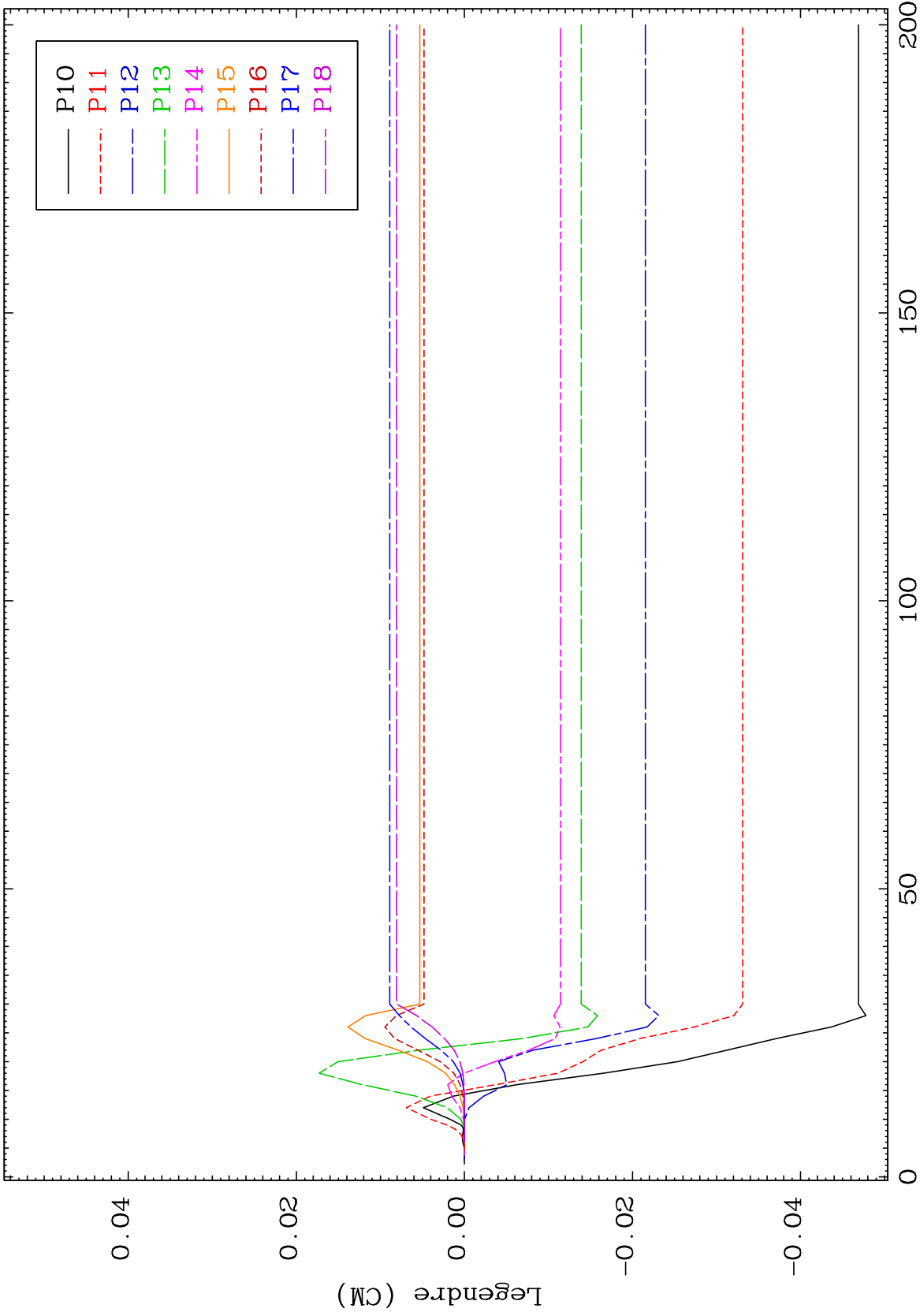
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



119

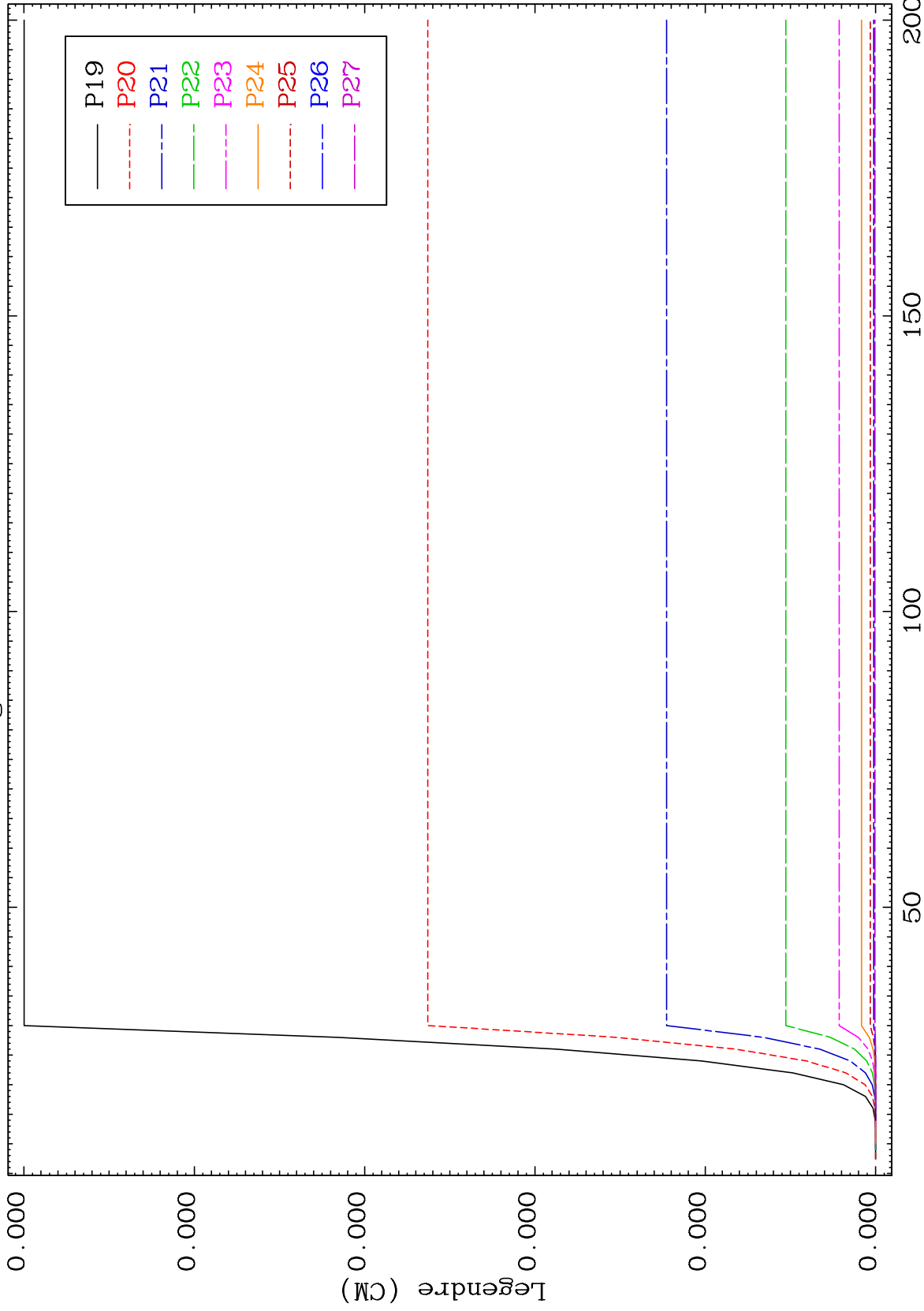
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



120

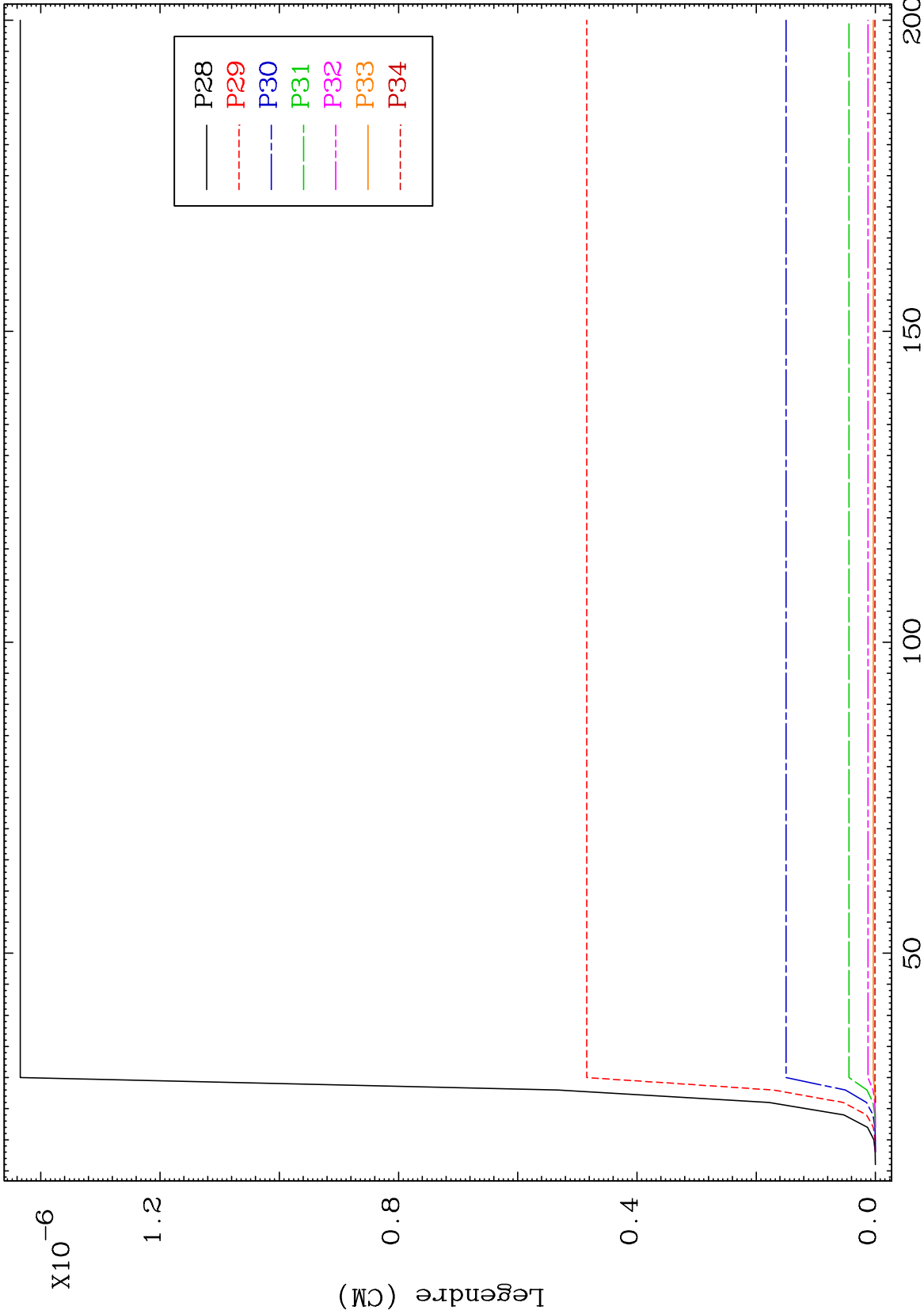
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



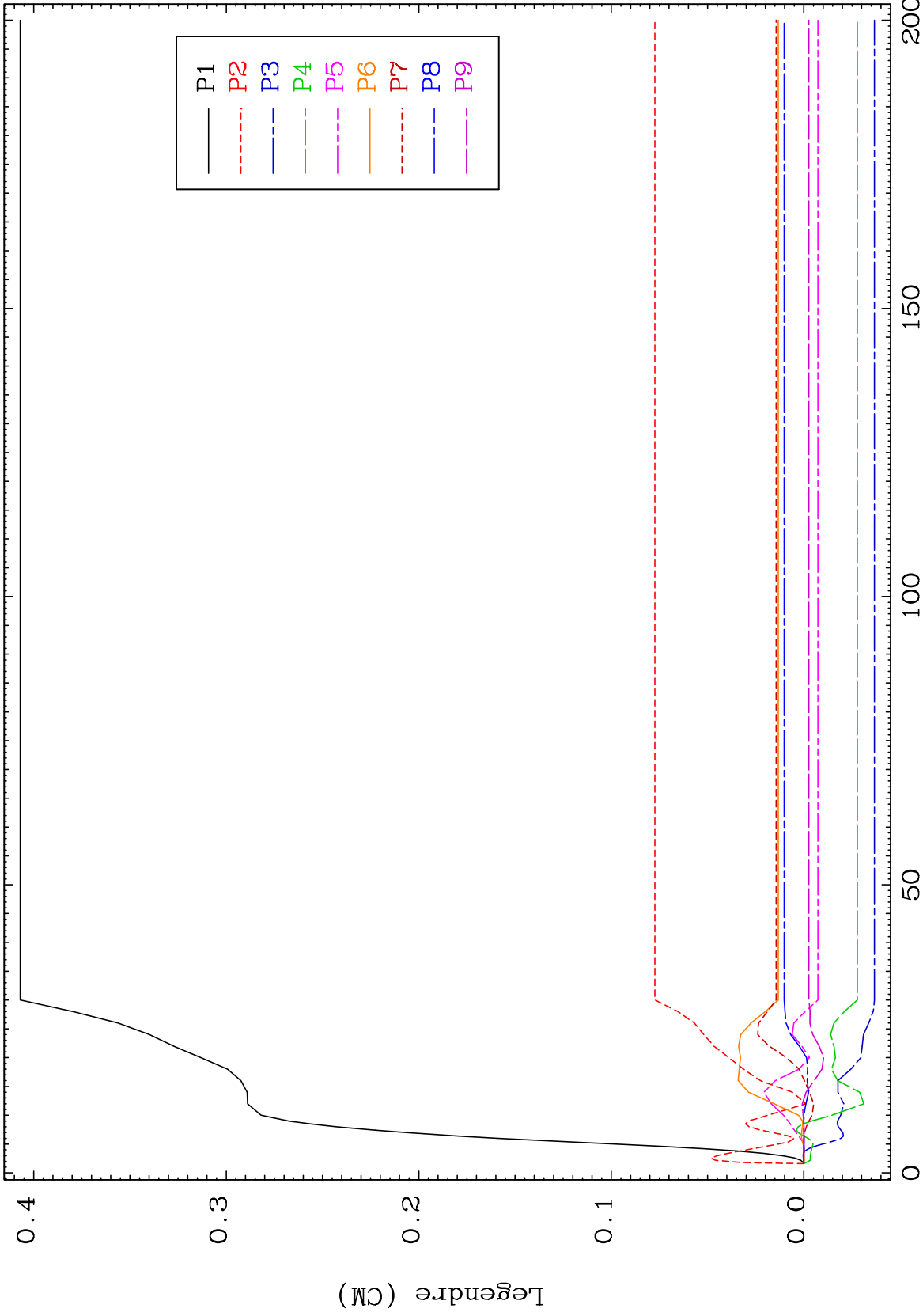
121

44-Ru-109

MAT 4464

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

44-Ru-109



122

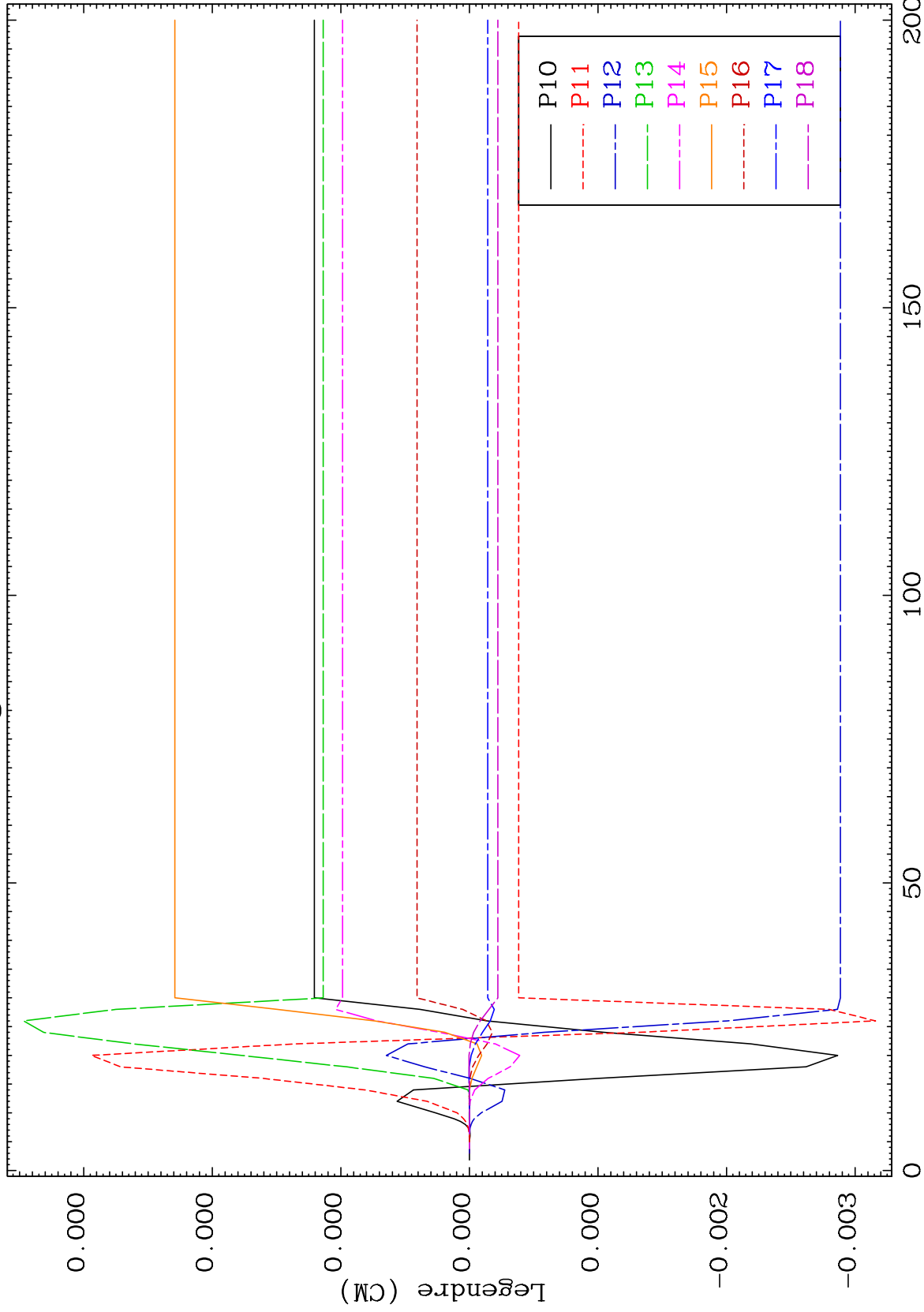
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



123

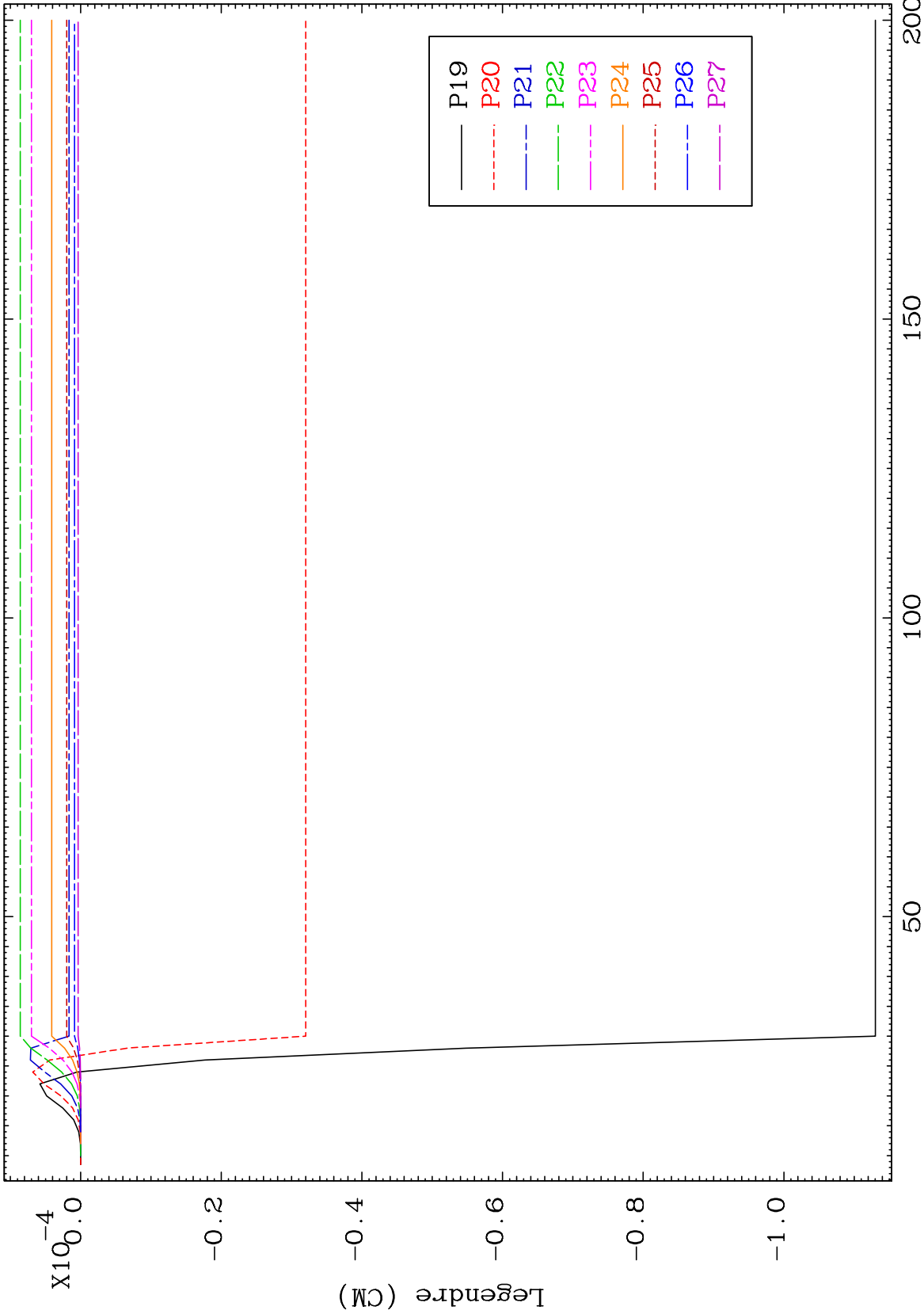
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



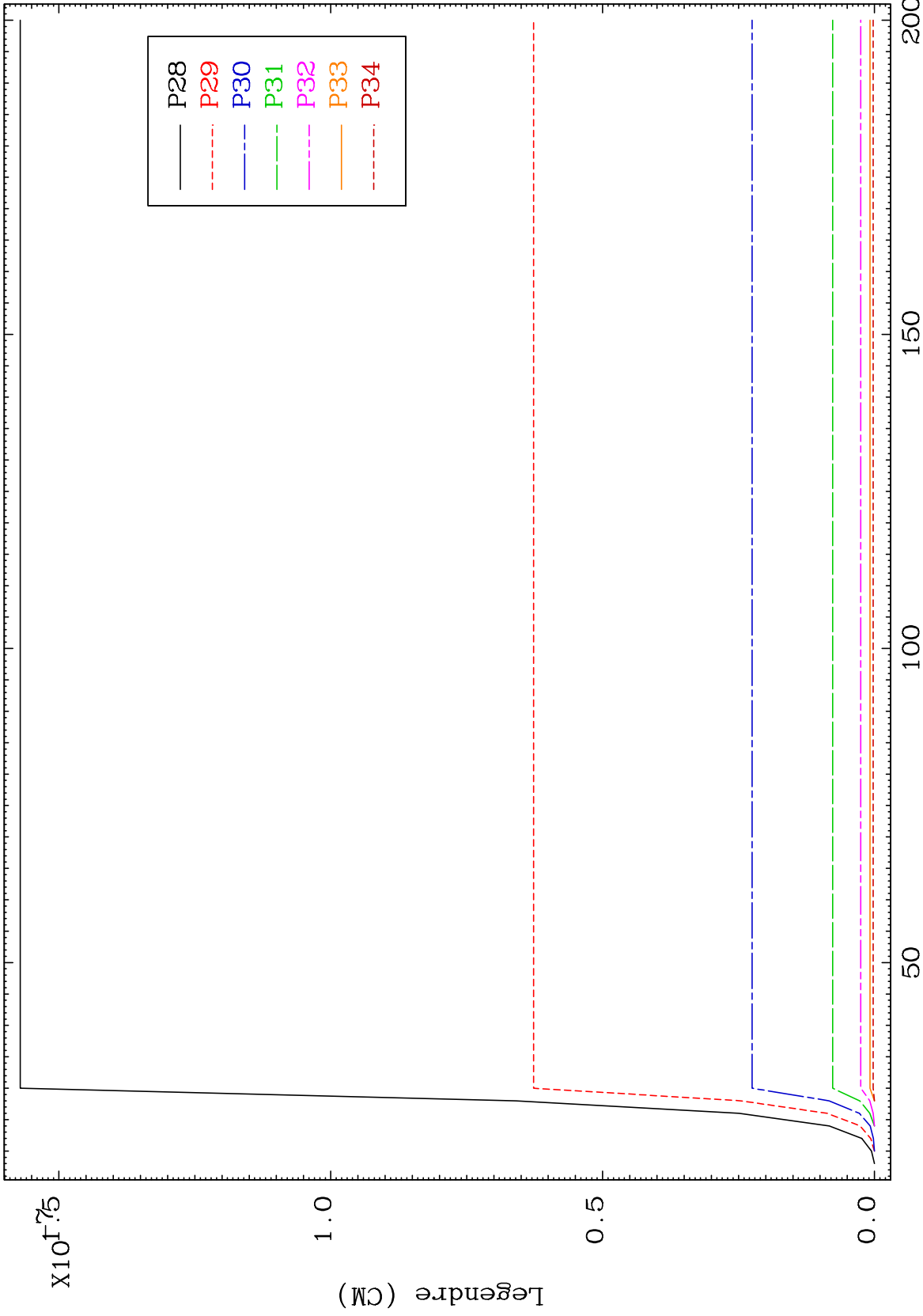
124

44-Ru-109

MAT 4464

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

44-Ru-109



125

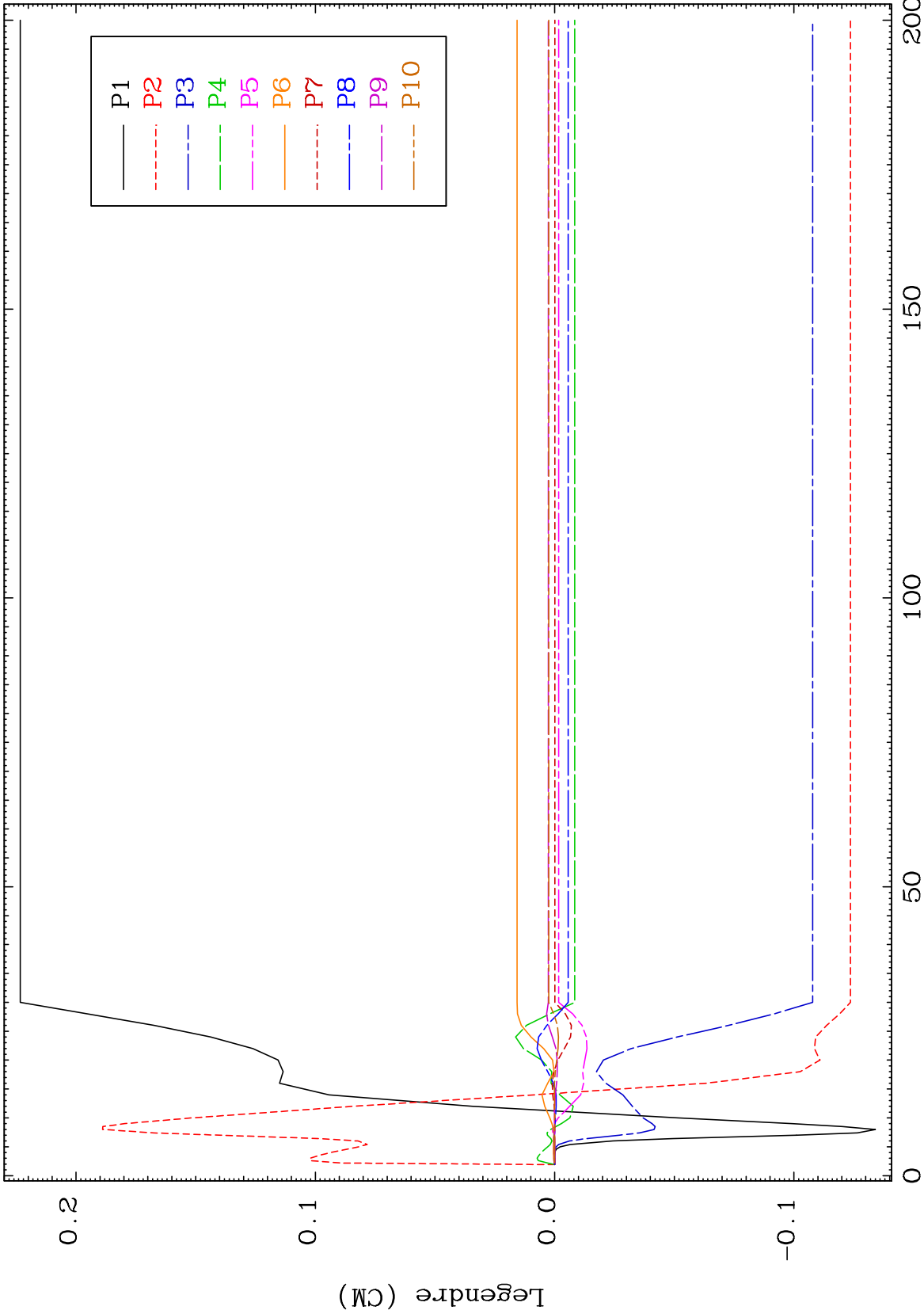
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



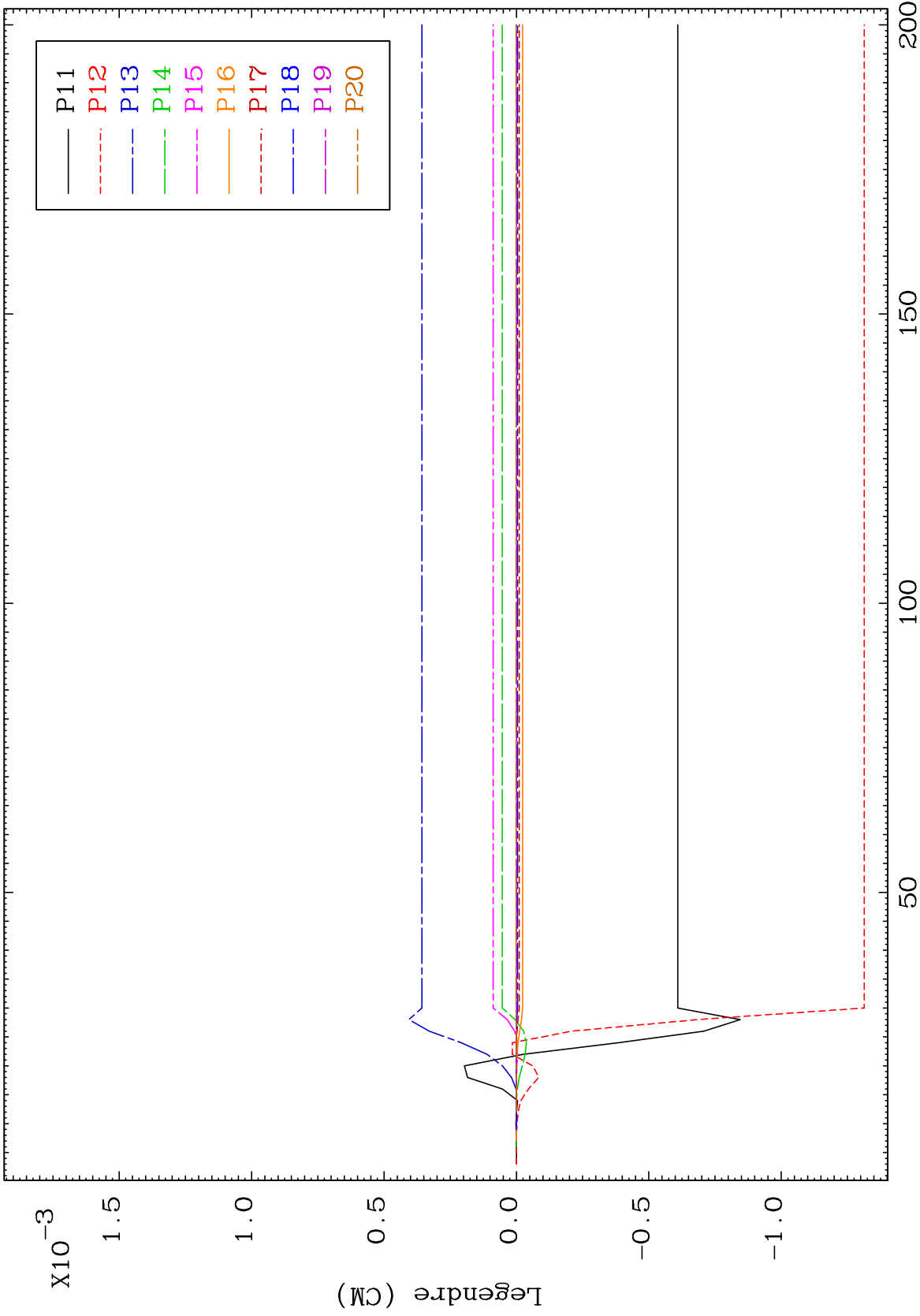
126

44-Ru-109

MAT 4464

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

44-Ru-109



127

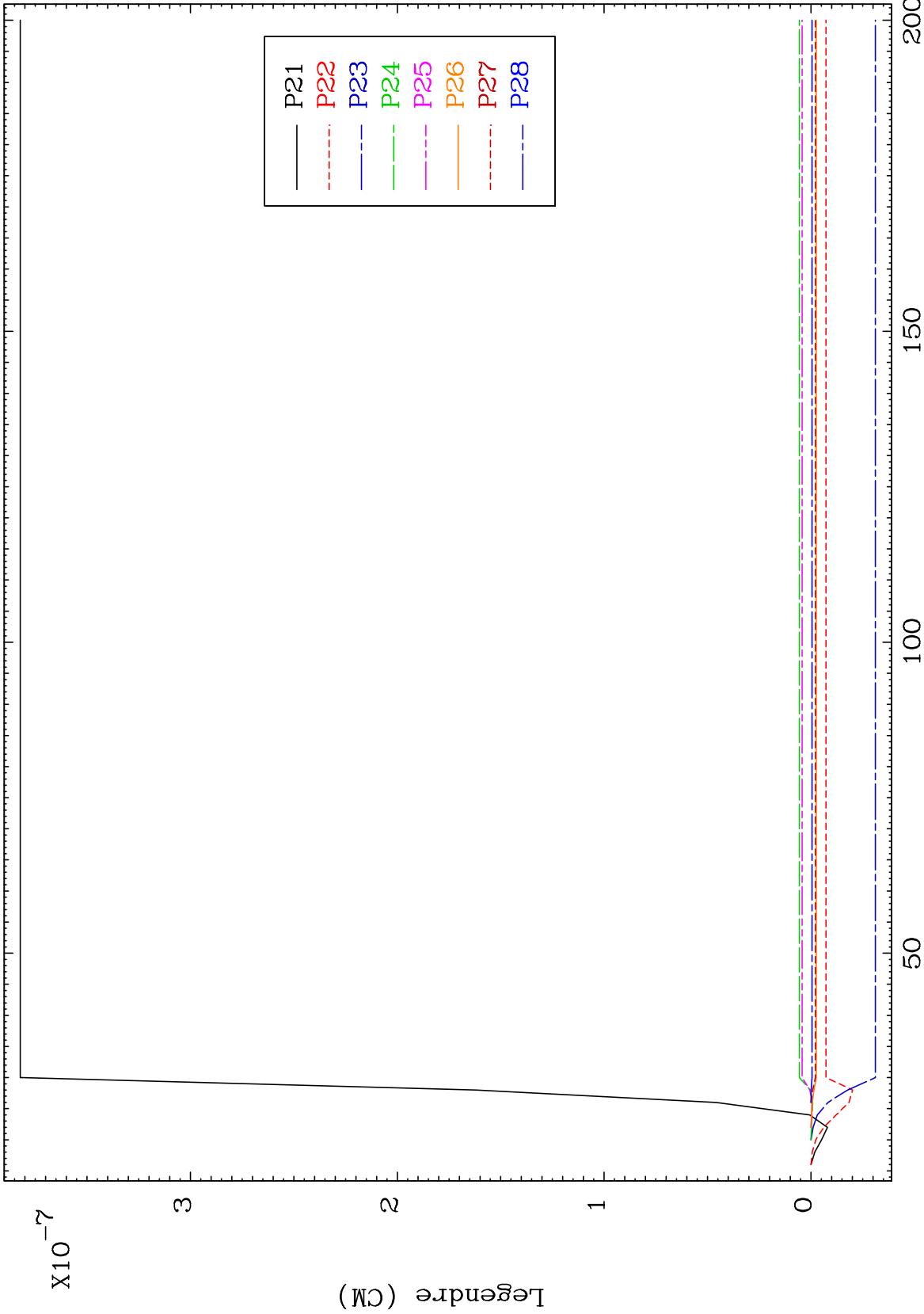
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



128

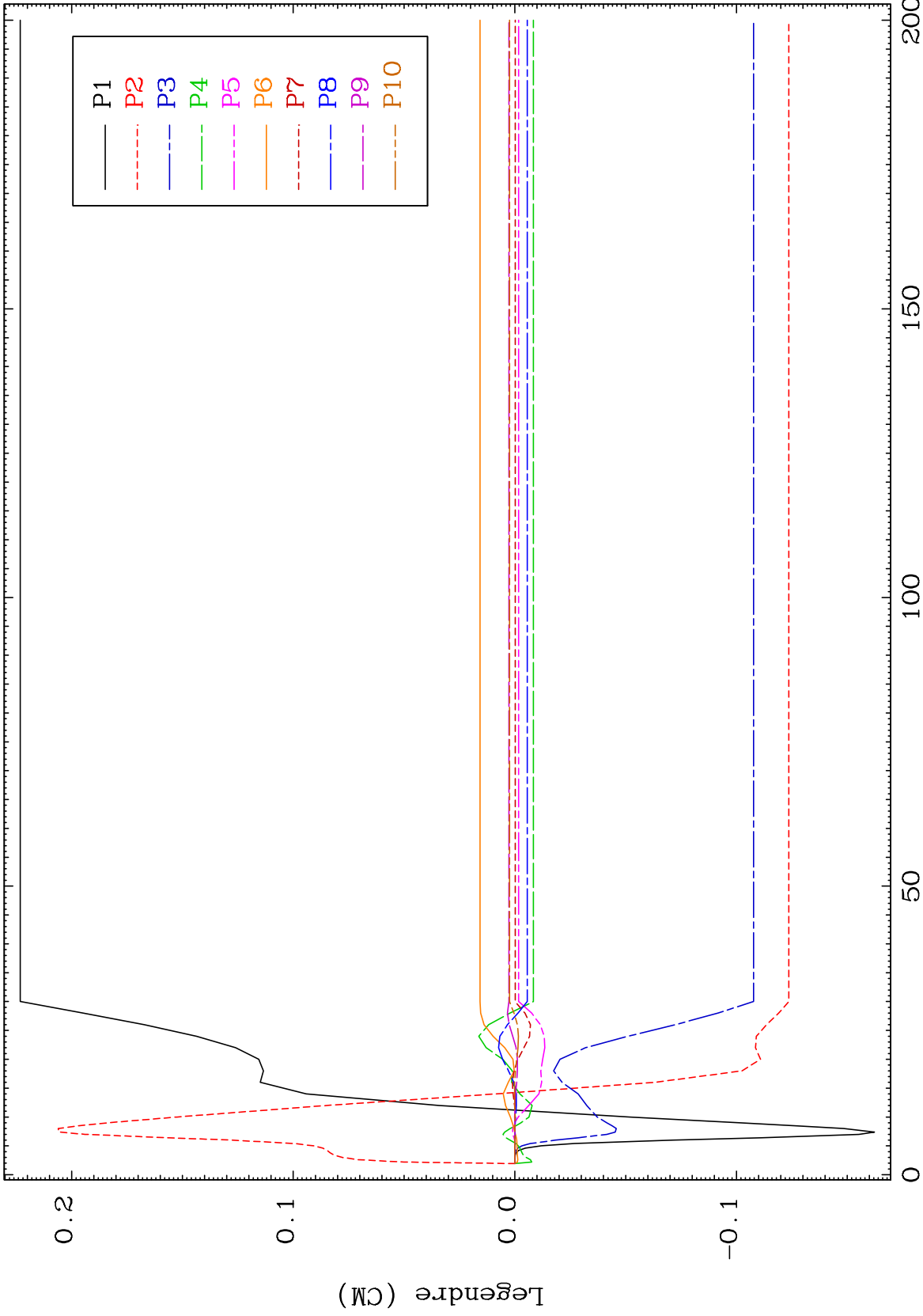
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



129

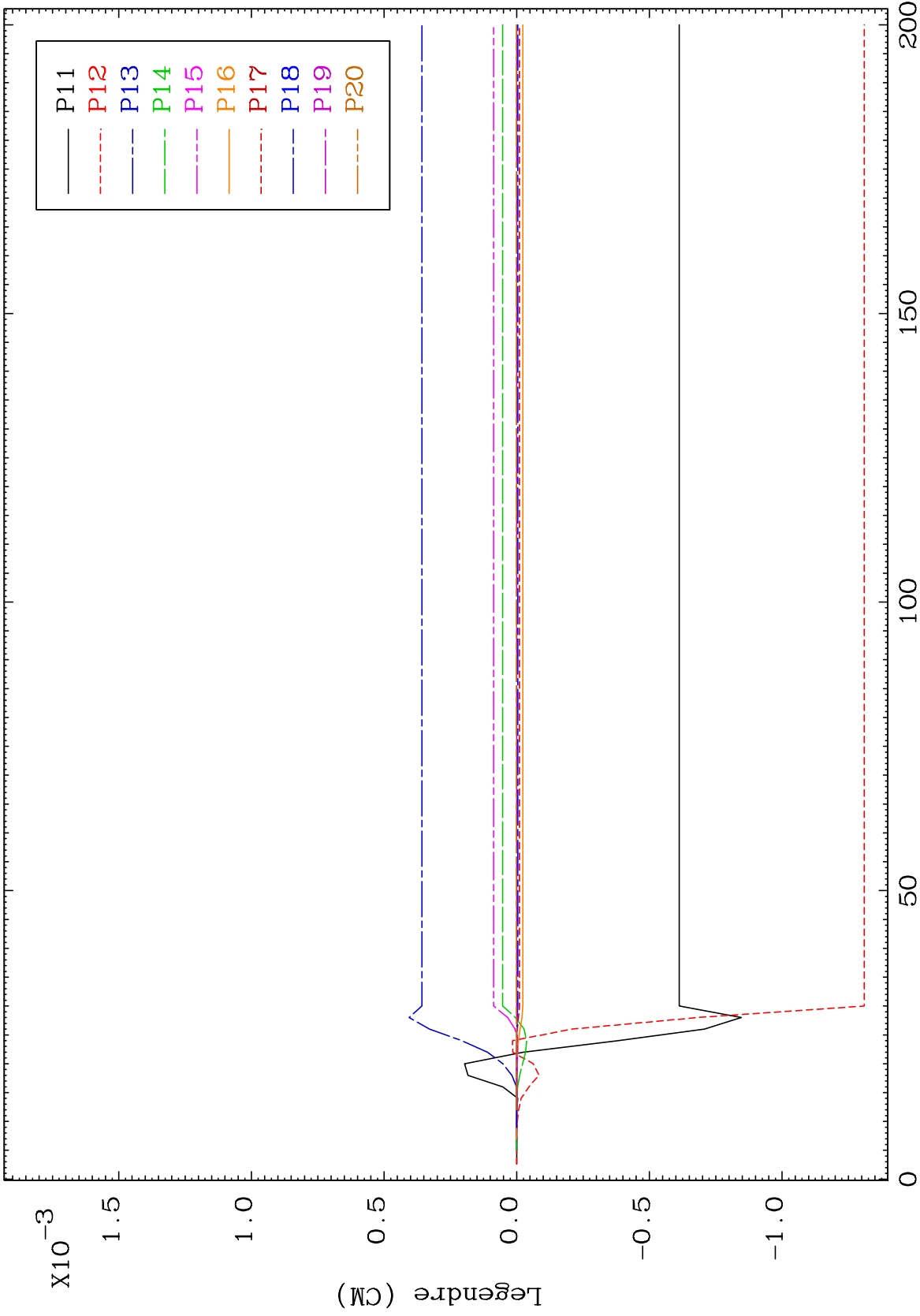
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



130

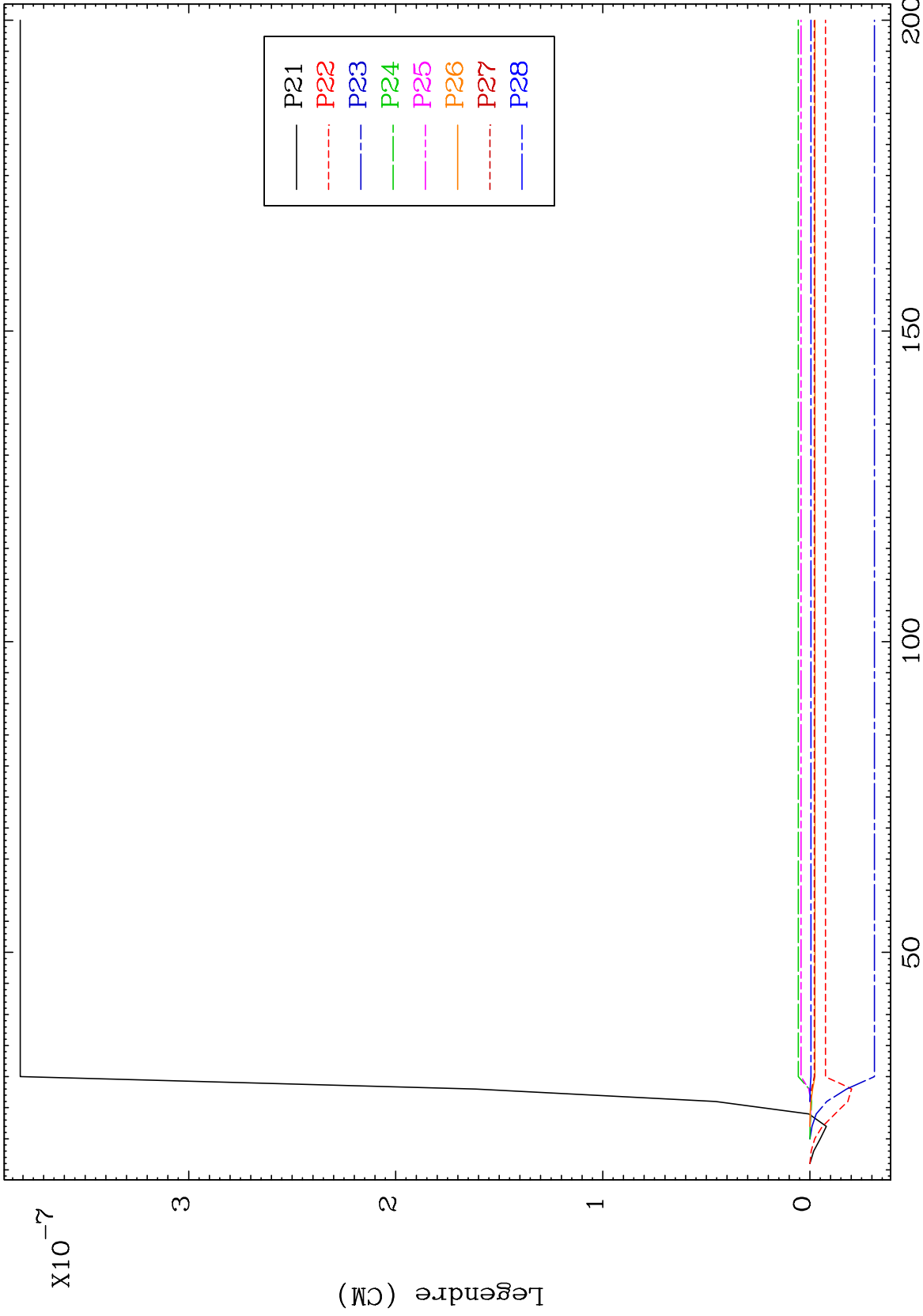
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



131

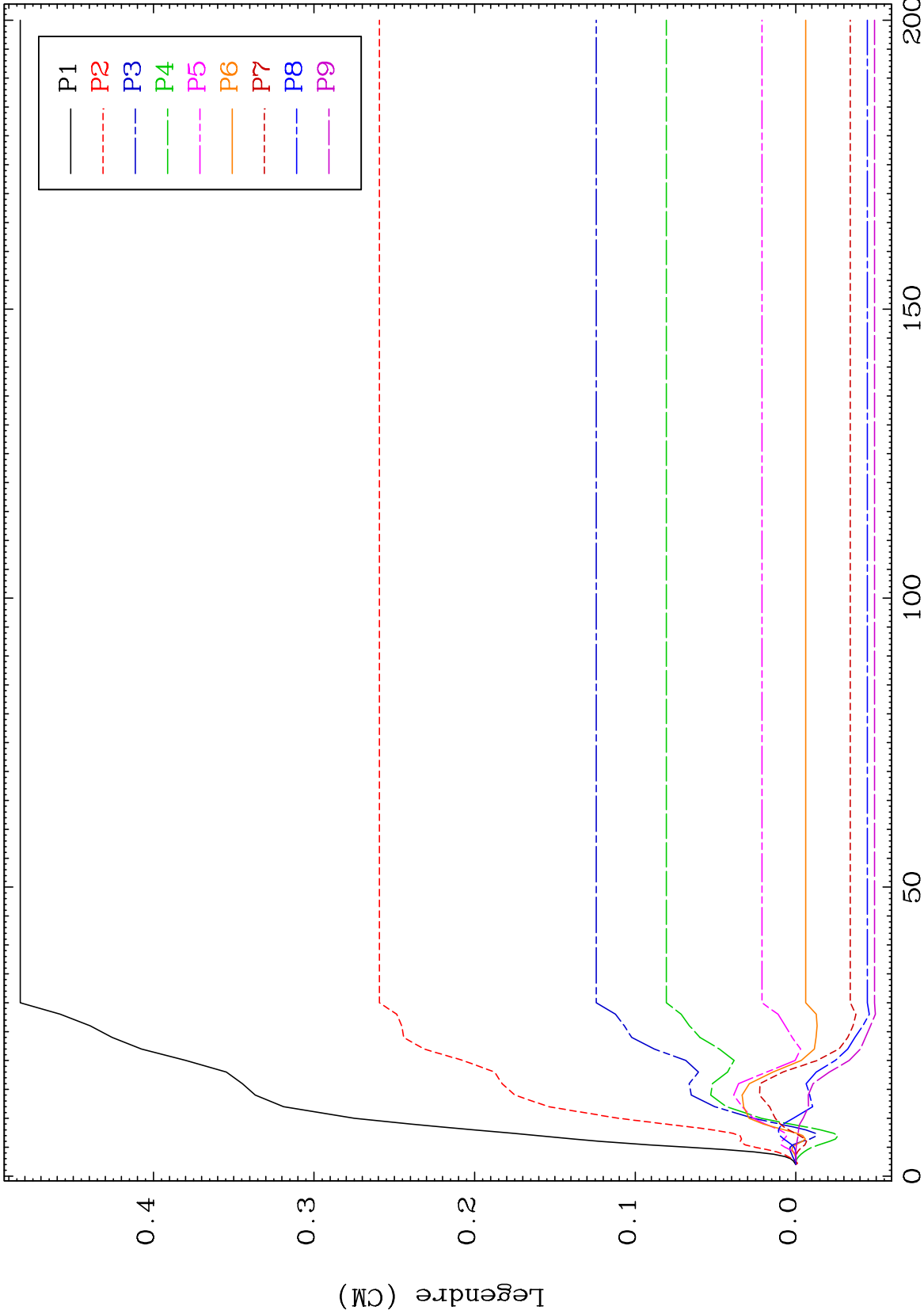
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



132

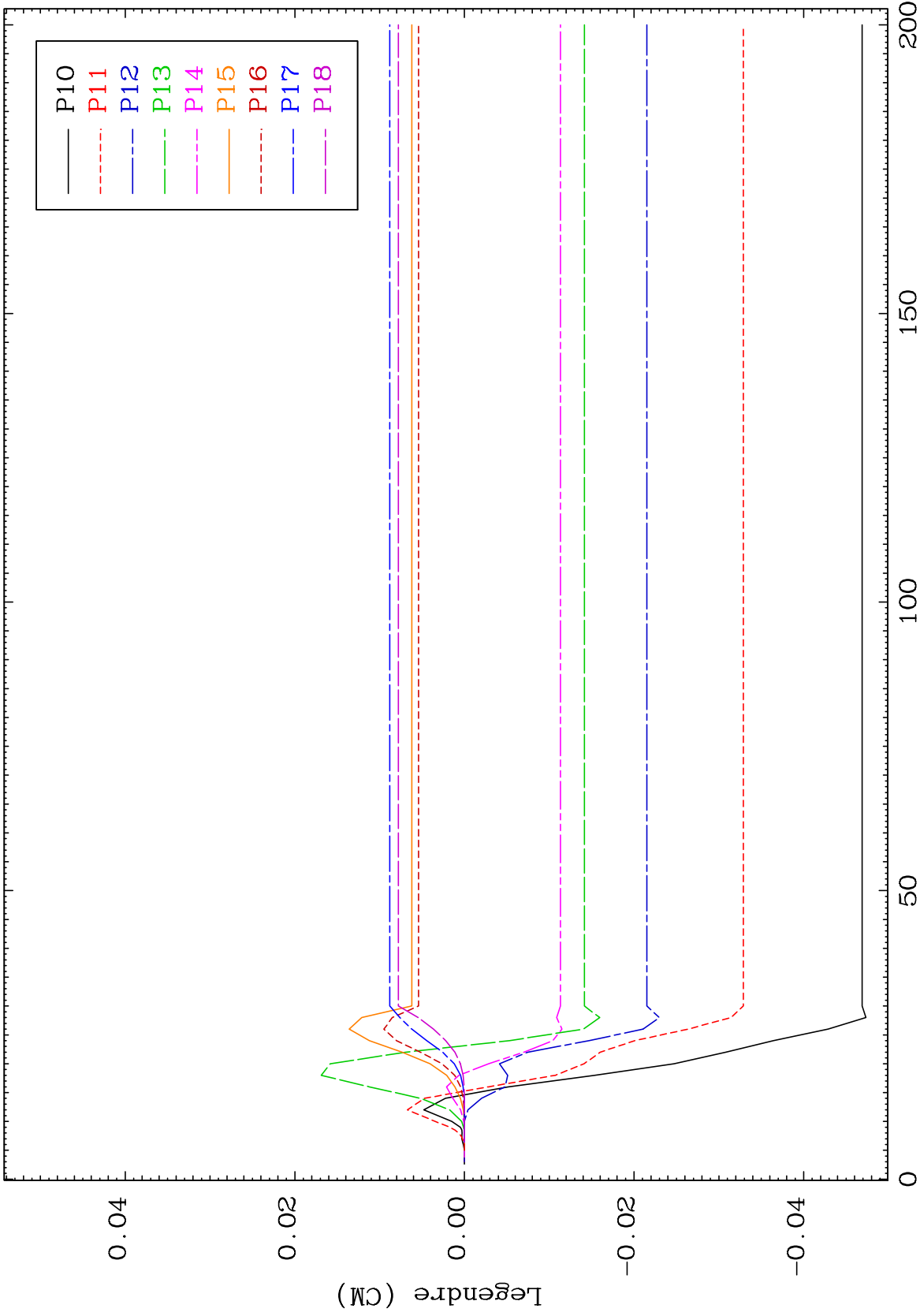
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



133

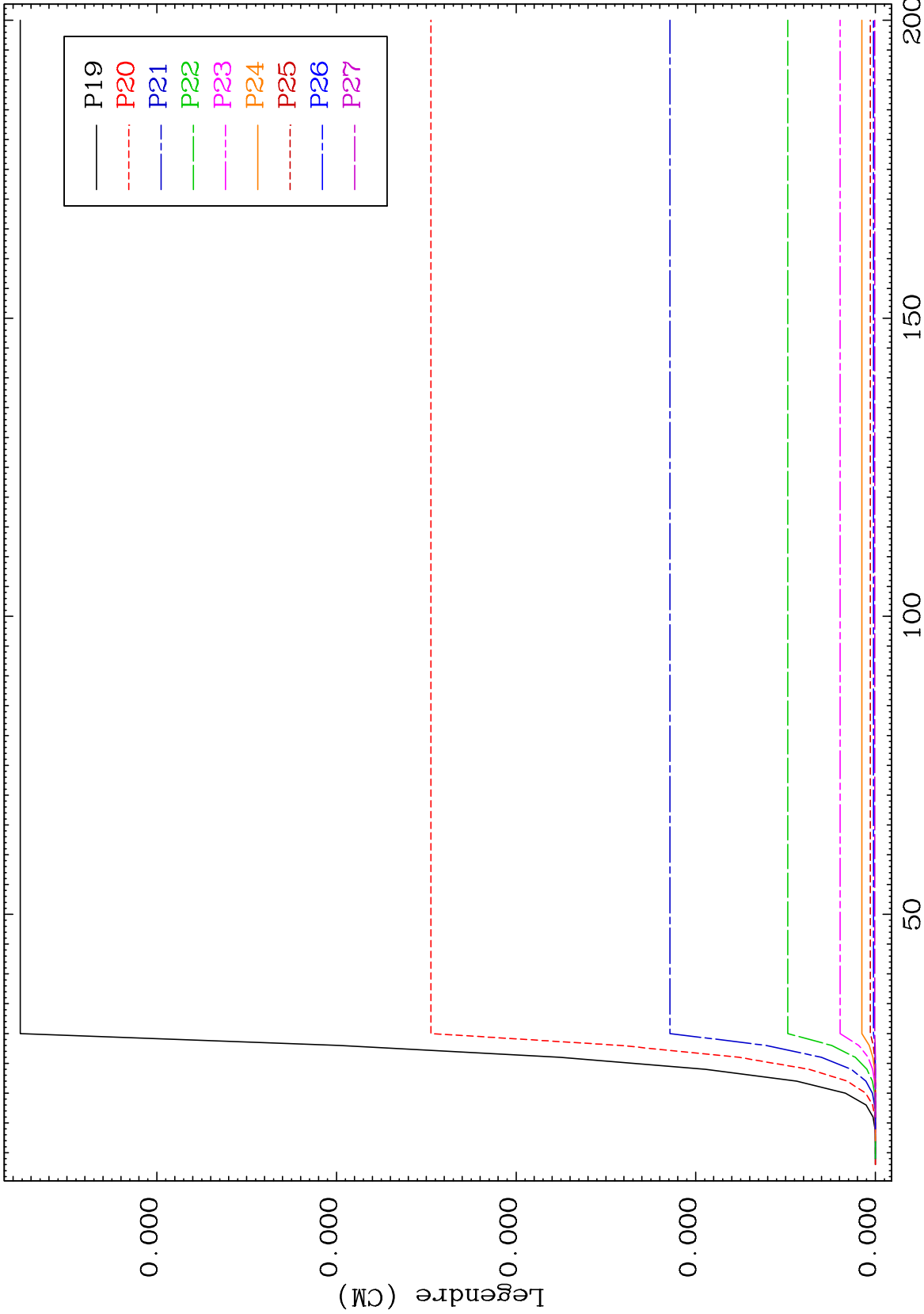
Incident Energy (MeV)

44-Ru-109

MAT 4464

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

44-Ru-109



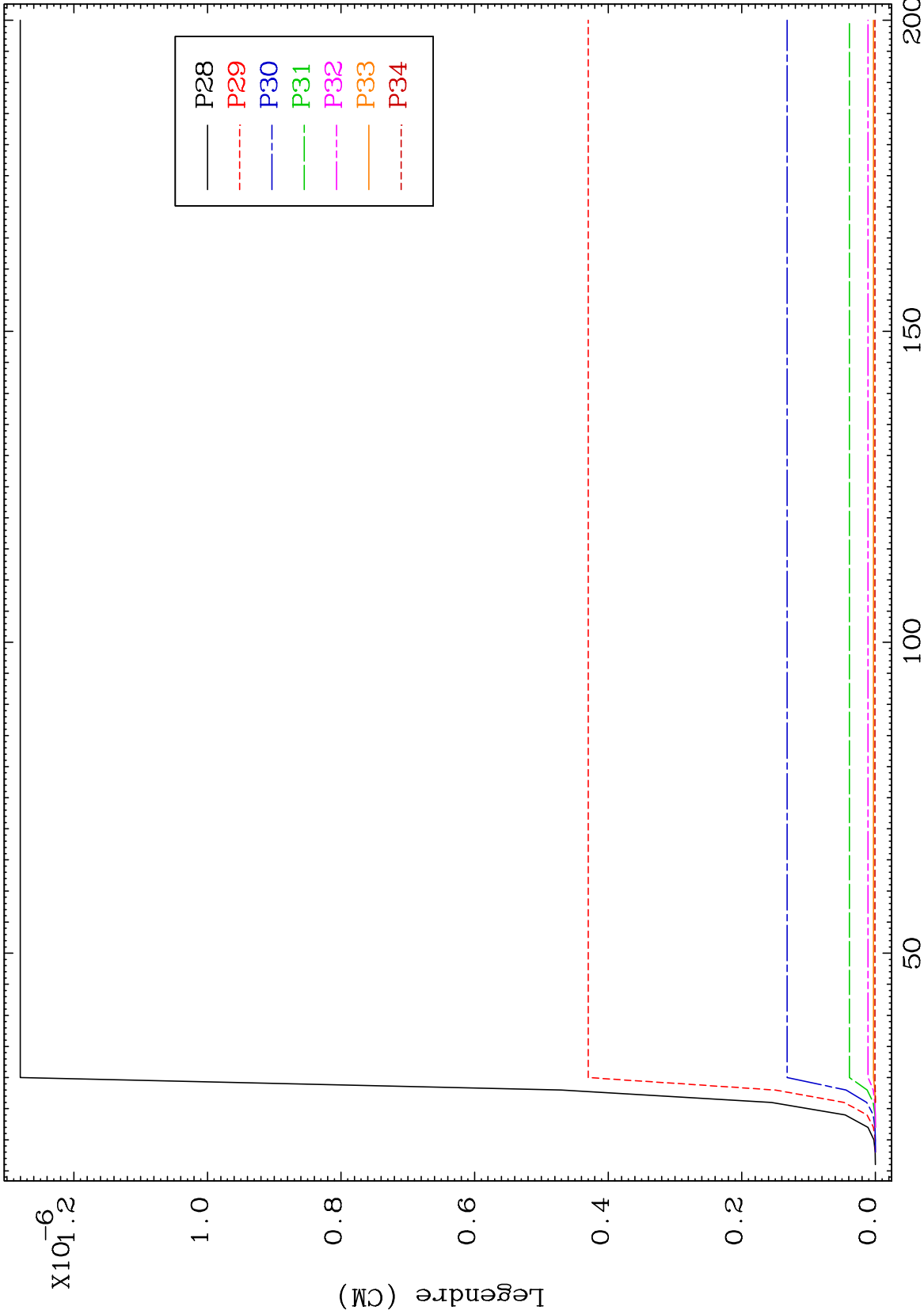
134

44-Ru-109

MAT 4464

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

44-Ru-109



135

Incident Energy (MeV)

44-Ru-109