

Program EVALPLOT
(Version 2018-1)

by

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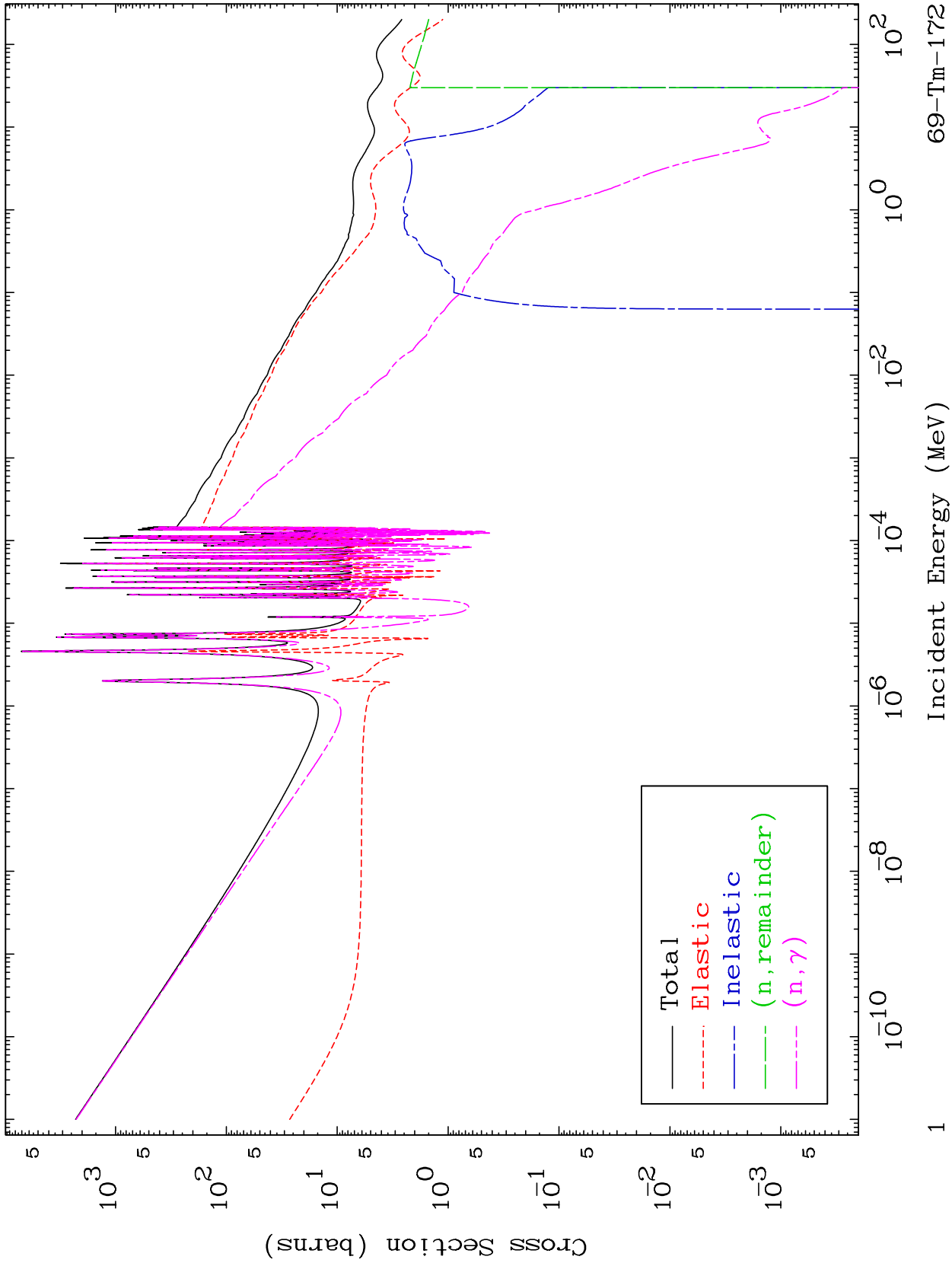
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6934

Major
293 Kelvin Cross Sections

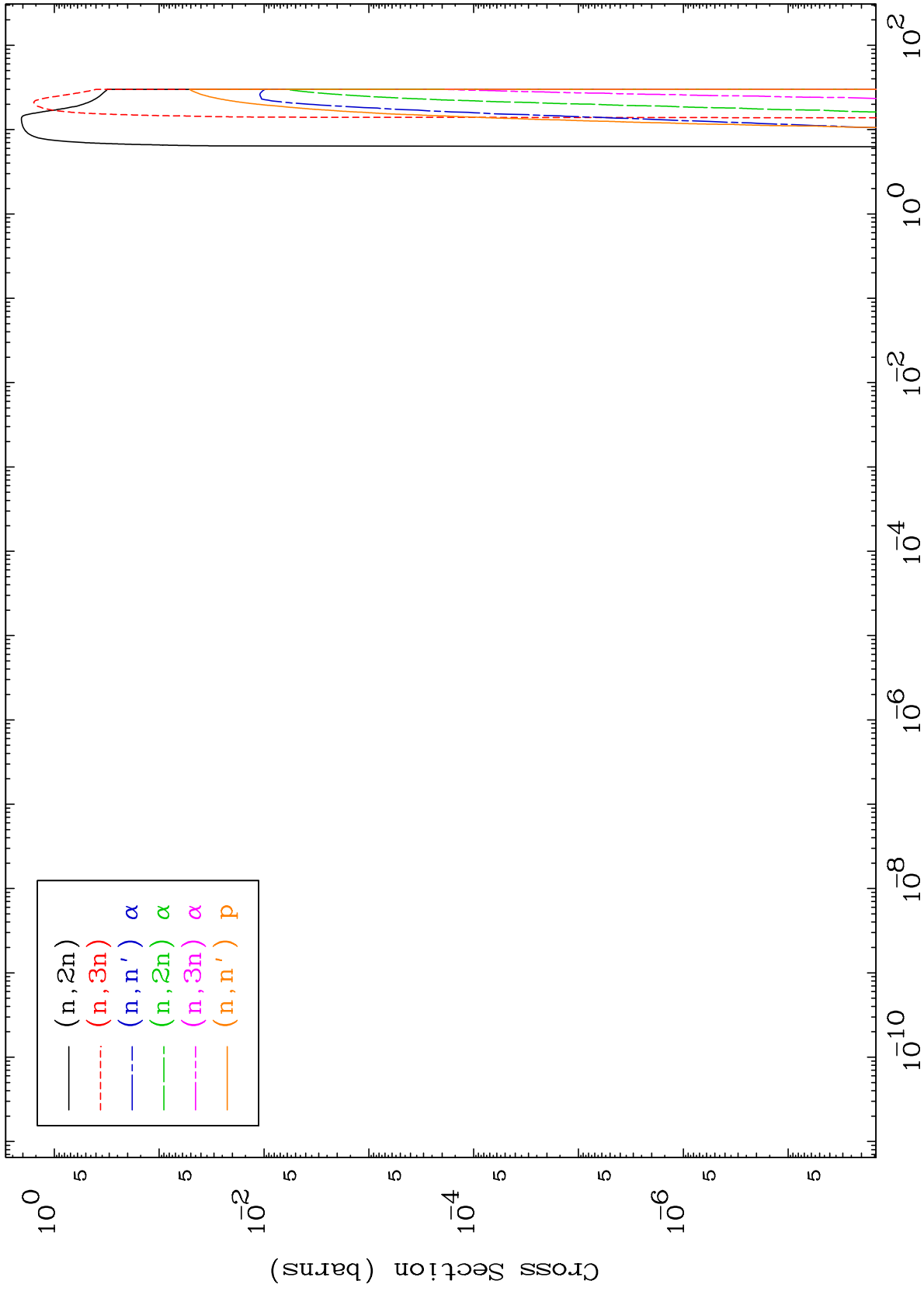
69-Tm-172



MAT 6934

Neutron Production
293 Kelvin Cross Sections

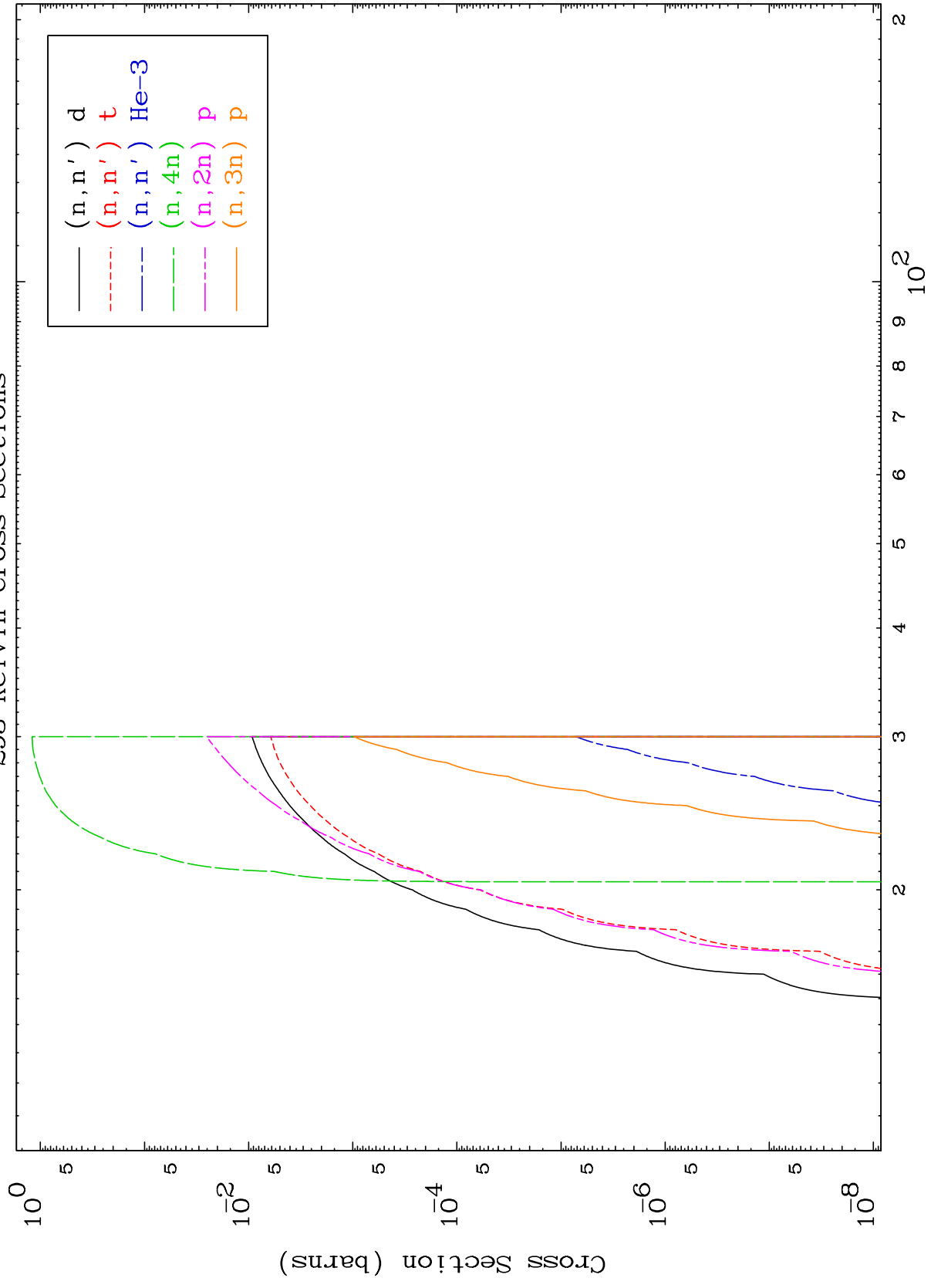
69-Tm-172



2

Incident Energy (MeV)

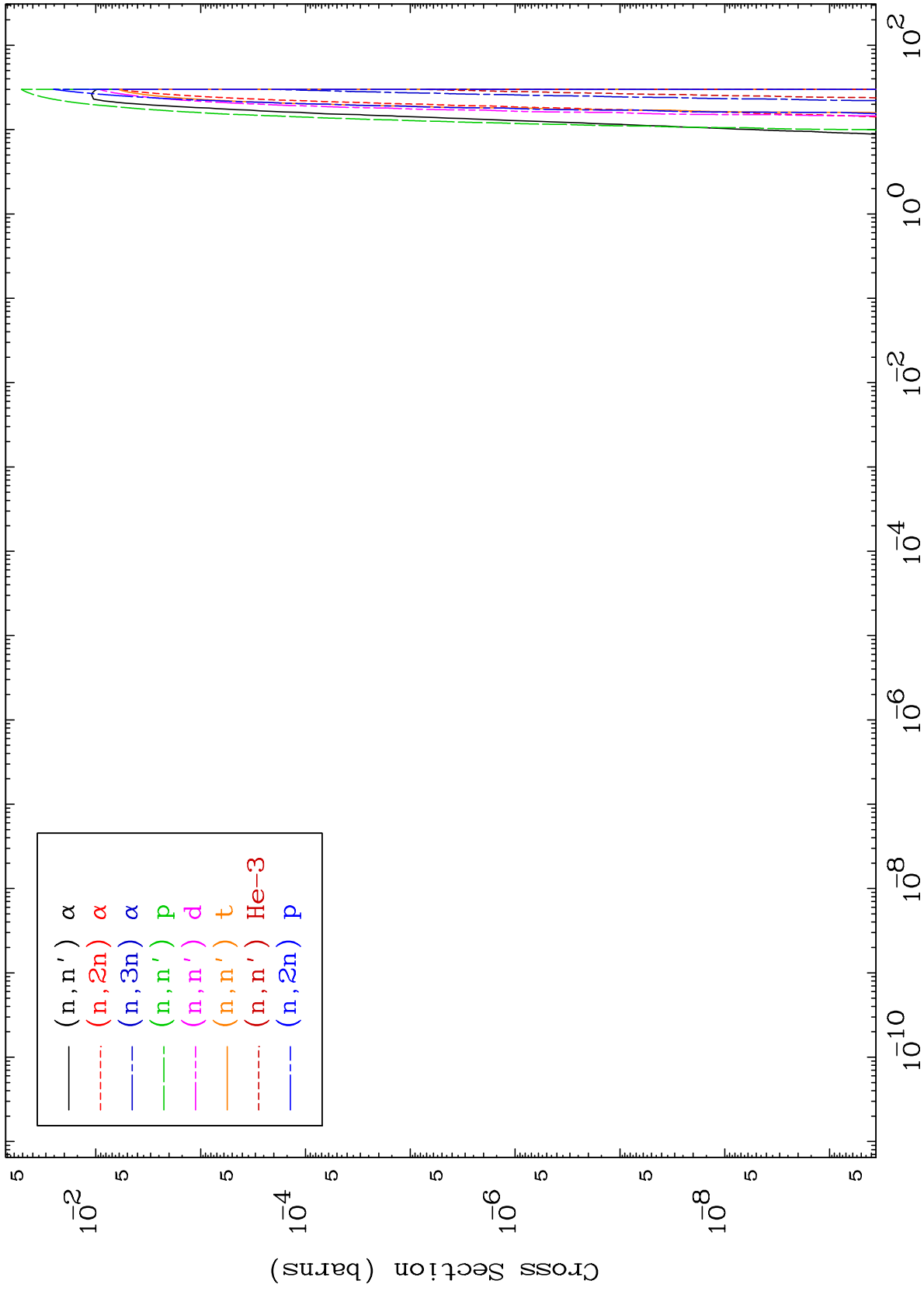
69-Tm-172



MAT 6934

Charged Particle
293 Kelvin Cross Sections

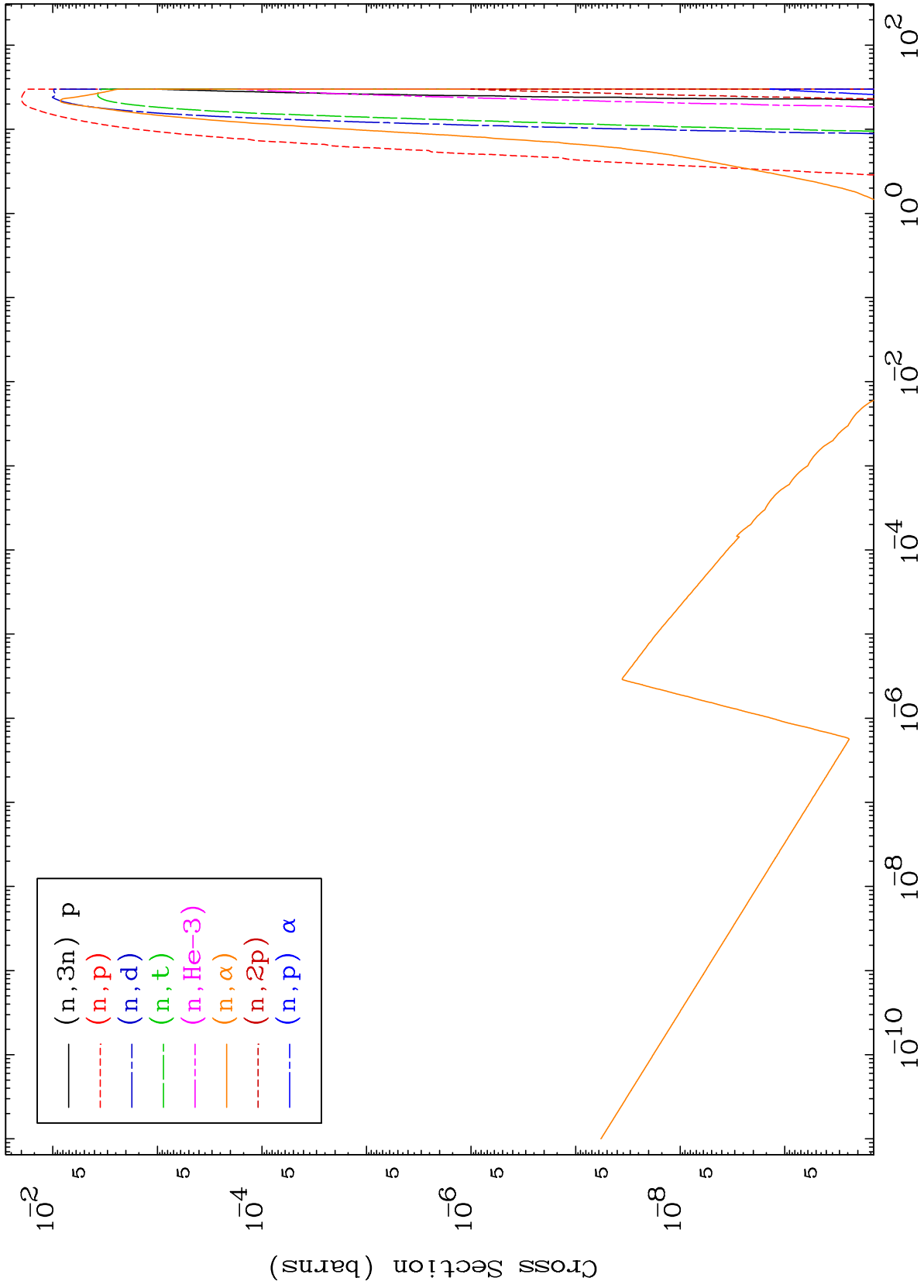
69-Tm-172



MAT 6934

Charged Particle
293 Kelvin Cross Sections

69-Tm-172



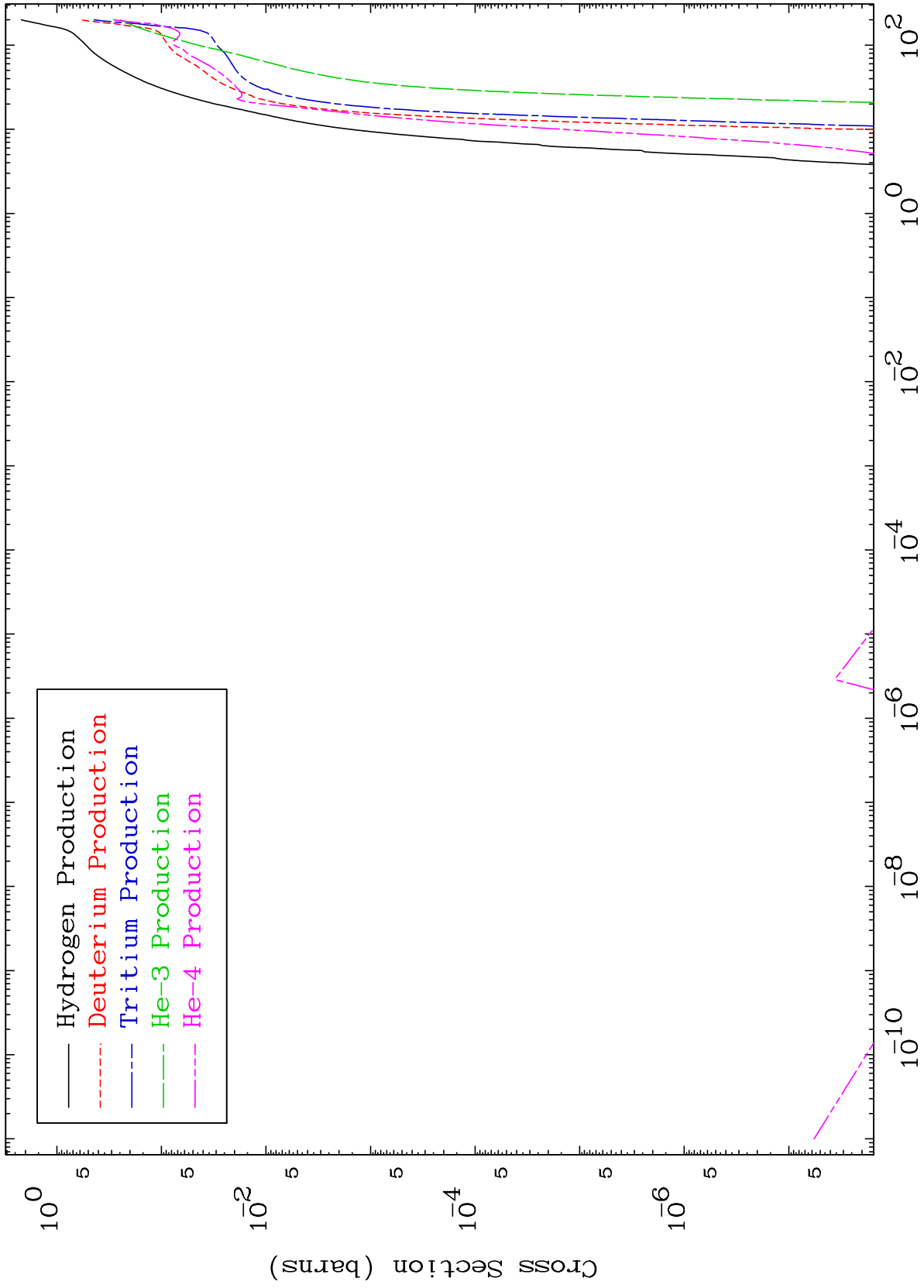
5

69-Tm-172

MAT 6934

Particle Production
293 Kelvin Cross Sections

69-Tm-172



6

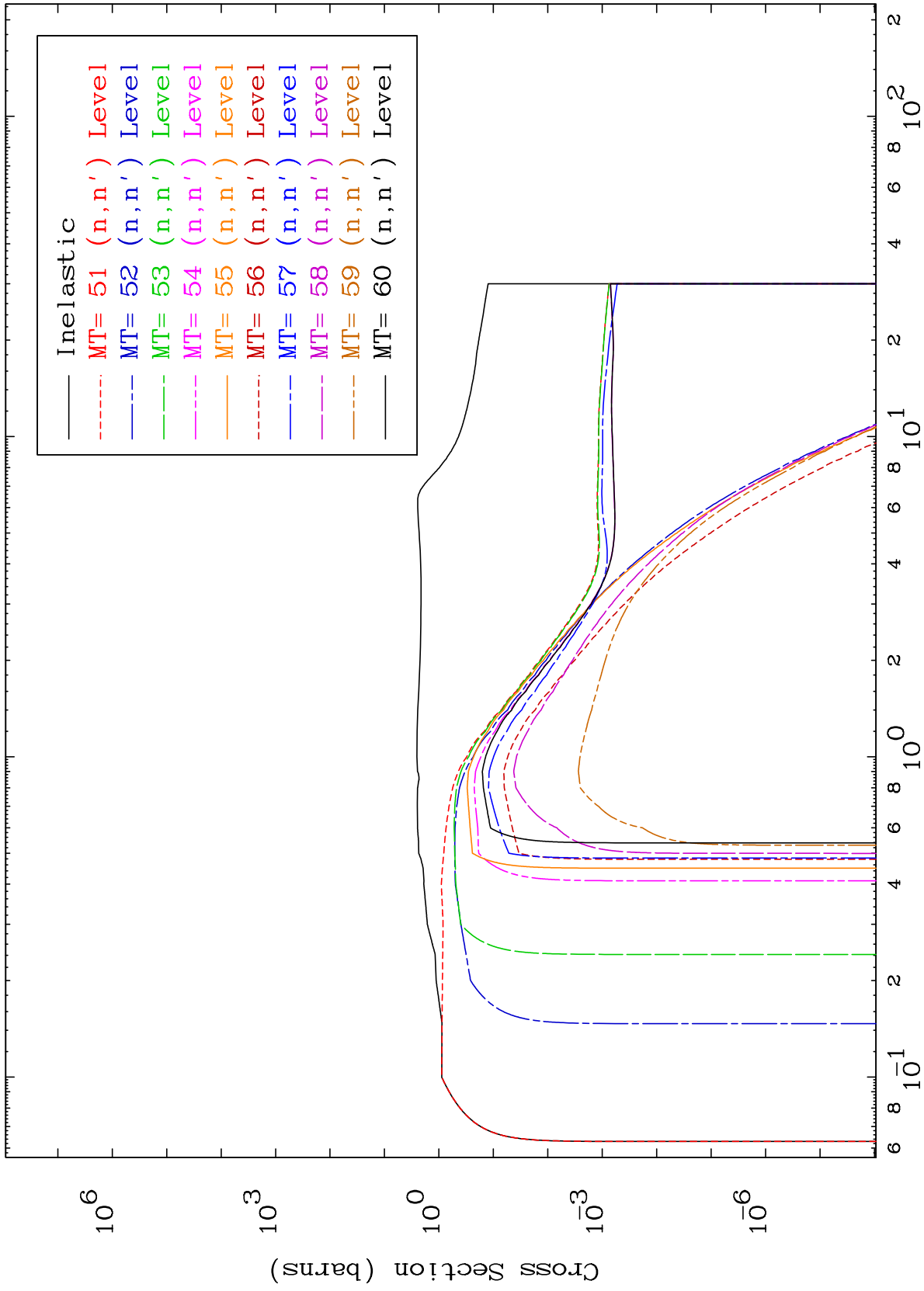
69-Tm-172

MAT 6934

(n,n') Level

69-Tm-172

293 Kelvin Cross Sections



7

Incident Energy (MeV)

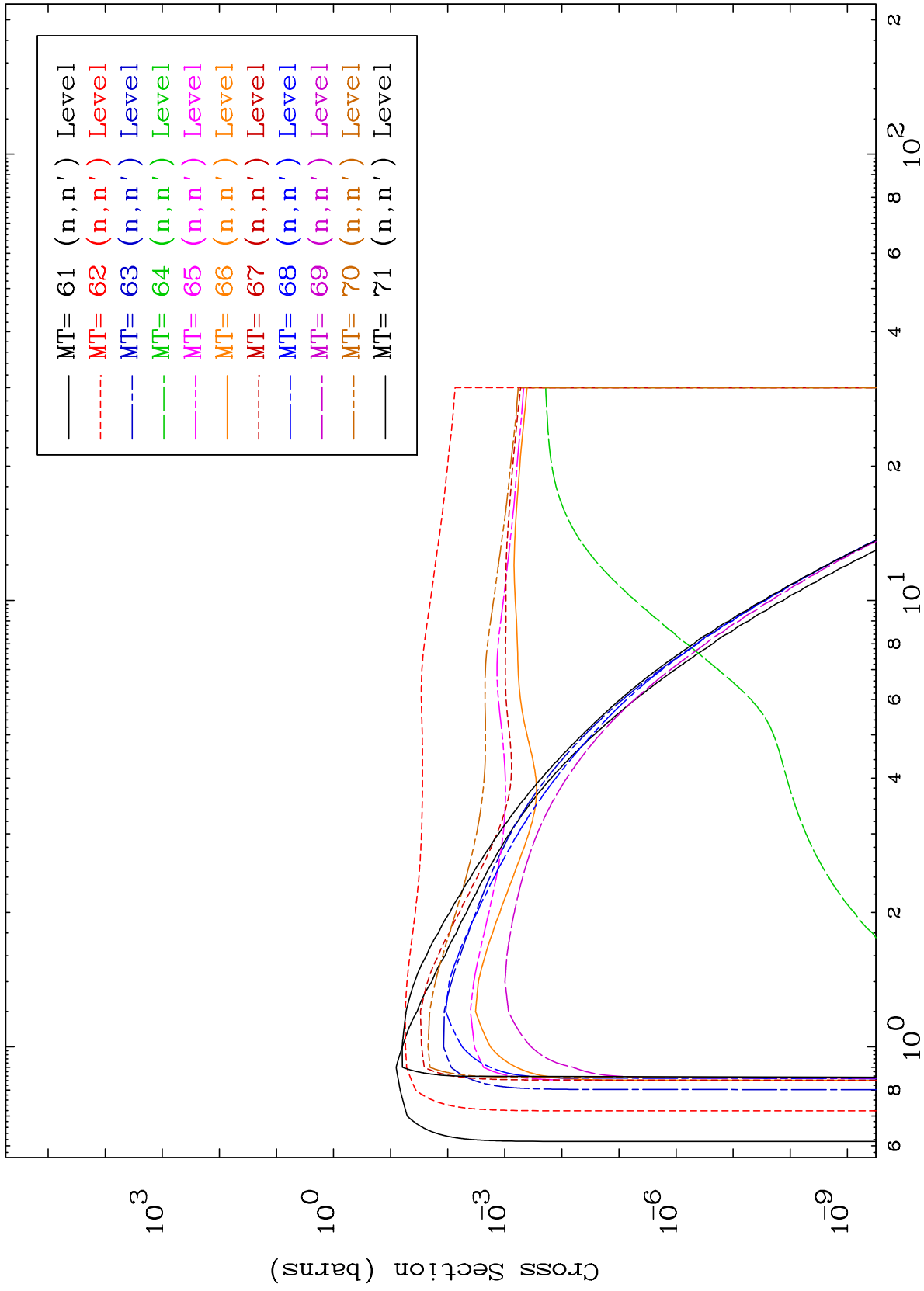
69-Tm-172

MAT 6934

(n,n') Level

69-Tm-172

293 Kelvin Cross Sections



8

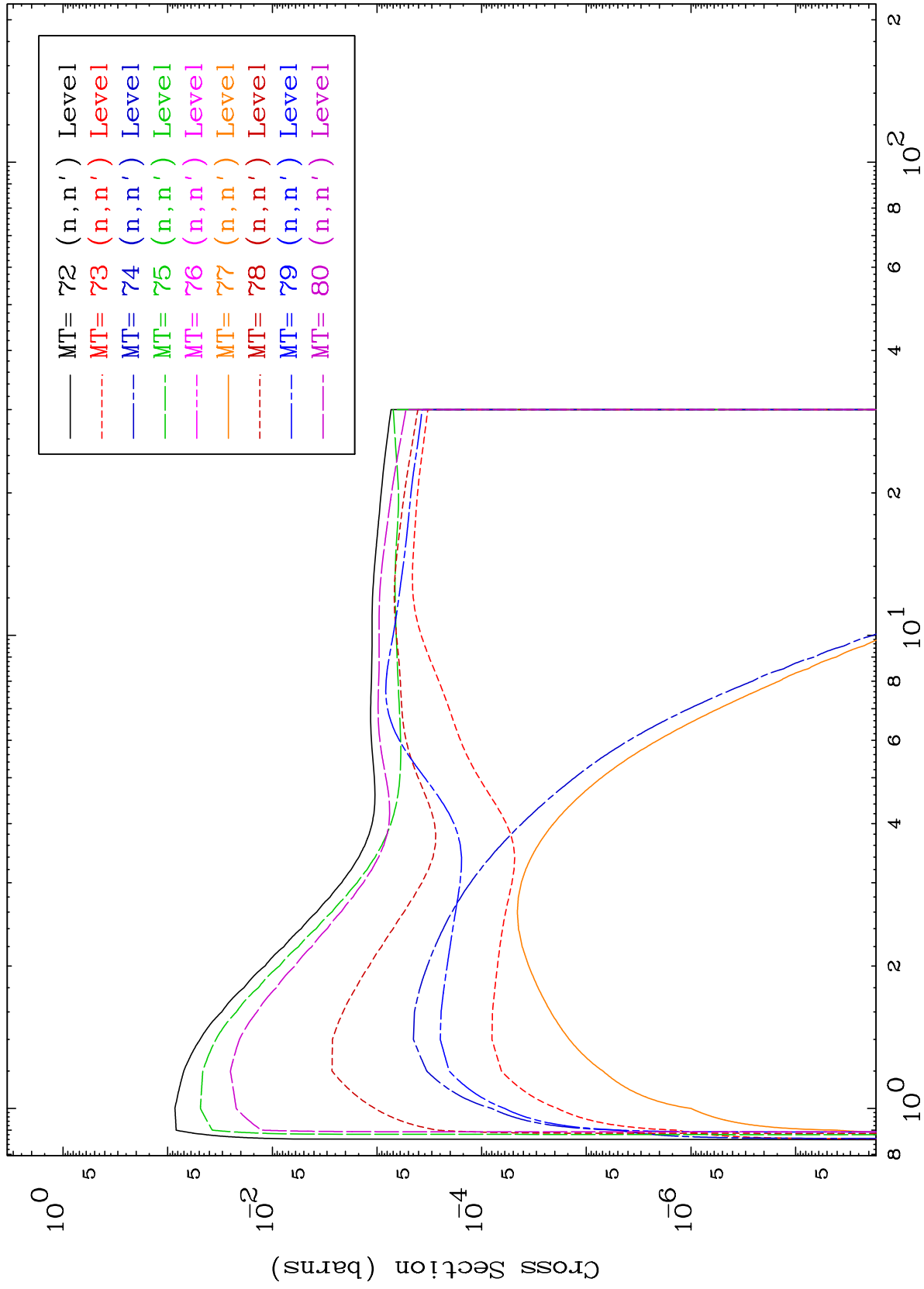
Incident Energy (MeV)

69-Tm-172

MAT 6934

(n,n') Level
293 Kelvin Cross Sections

69-Tm-172



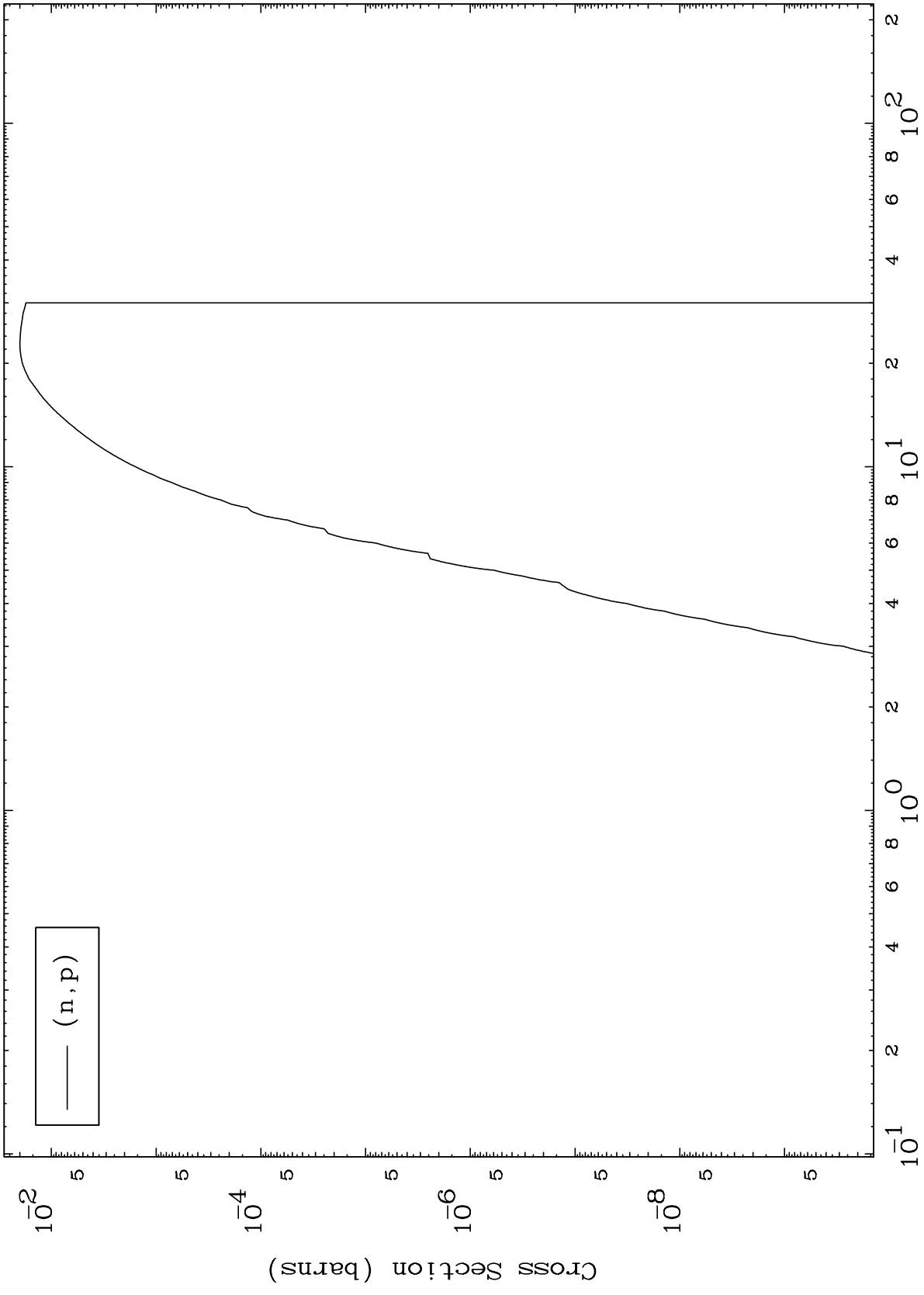
Incident Energy (MeV)

69-Tm-172

MAT 6934

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-172



69-Tm-172

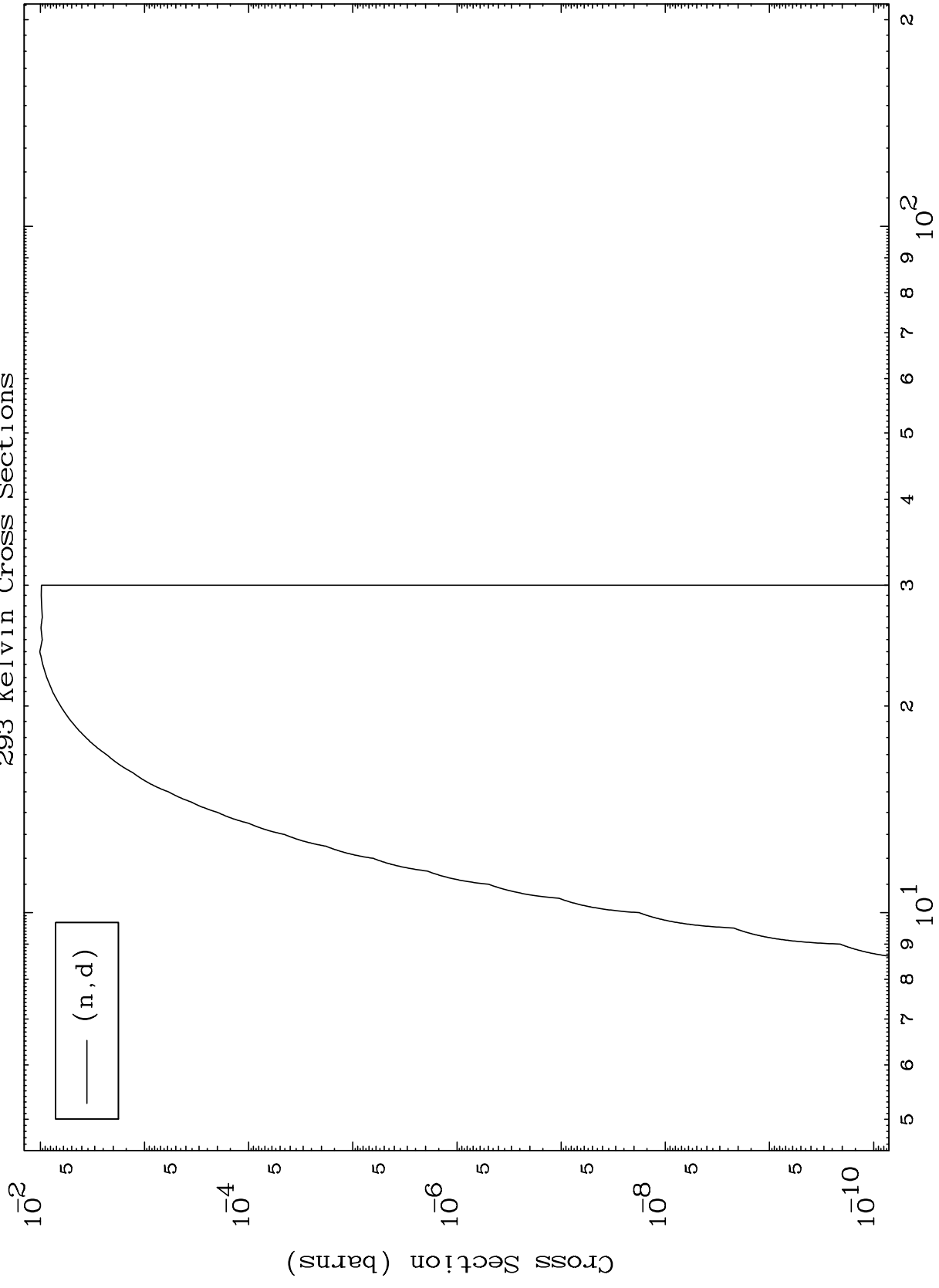
Incident Energy (MeV)

10

MAT 6934

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-172

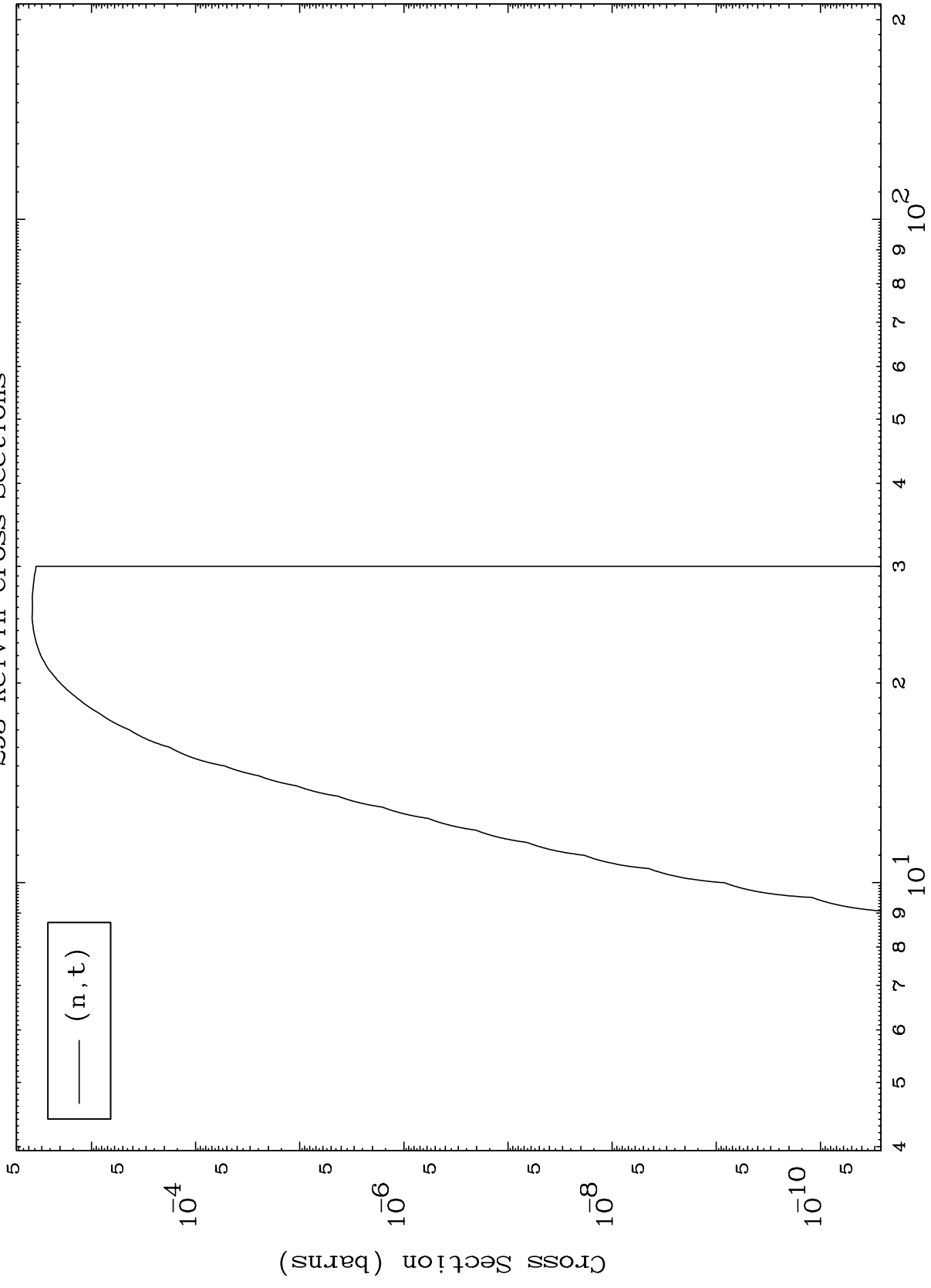


69-Tm-172

MAT 6934

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-172



12

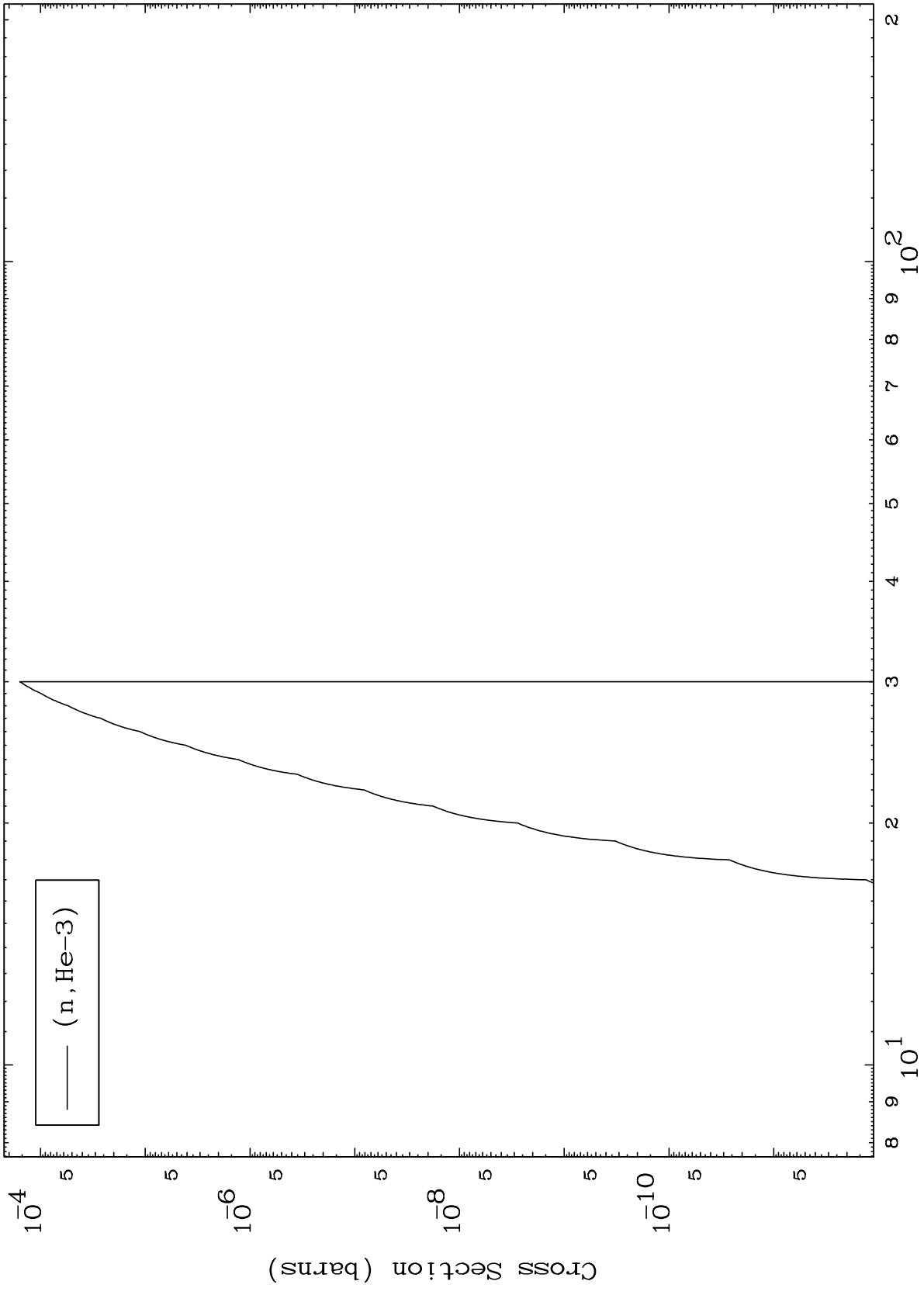
Incident Energy (MeV)

69-Tm-172

MAT 6934

69-Tm-172

(n,He3) Levels
293 Kelvin Cross Sections



13

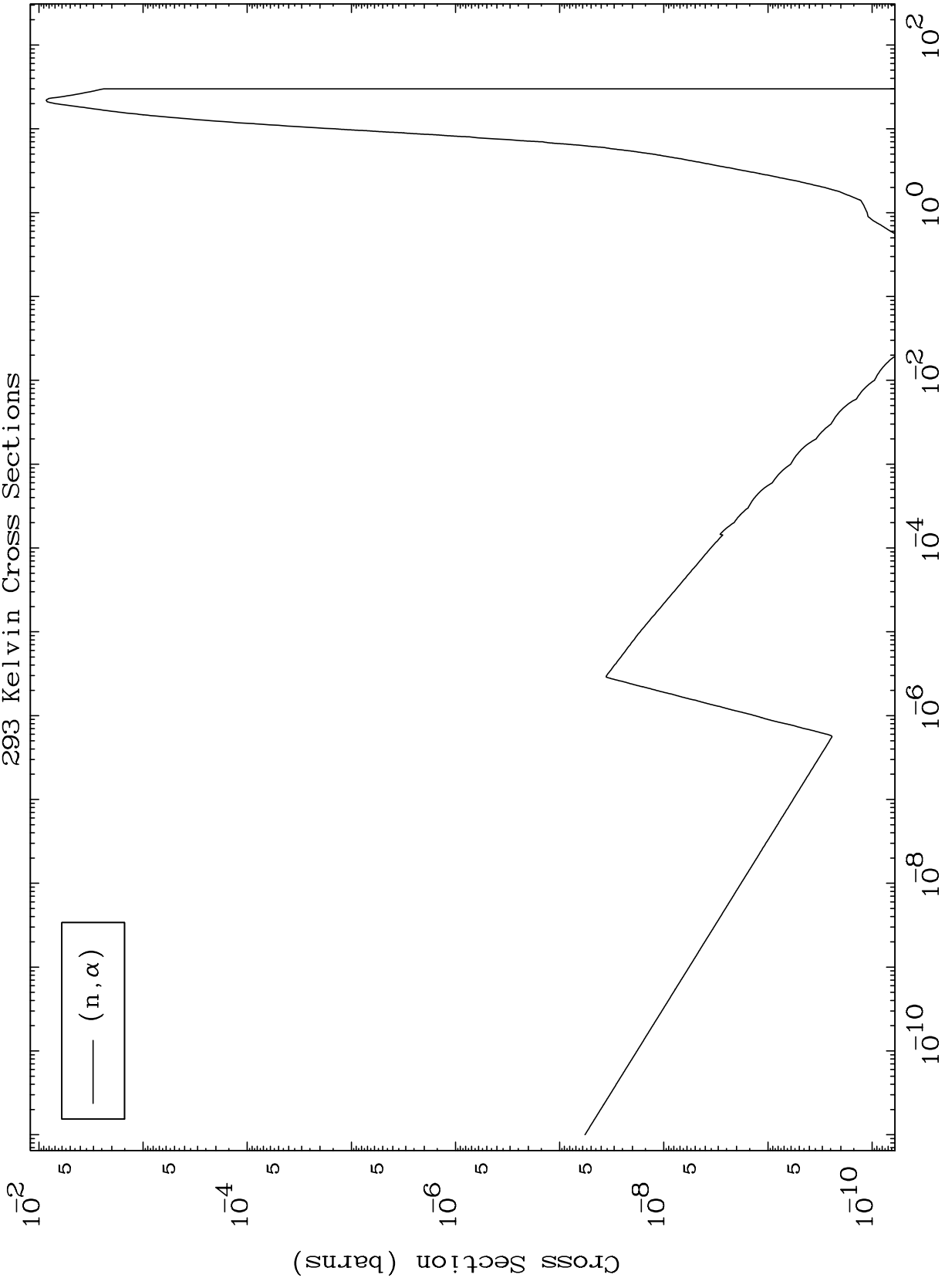
Incident Energy (MeV)

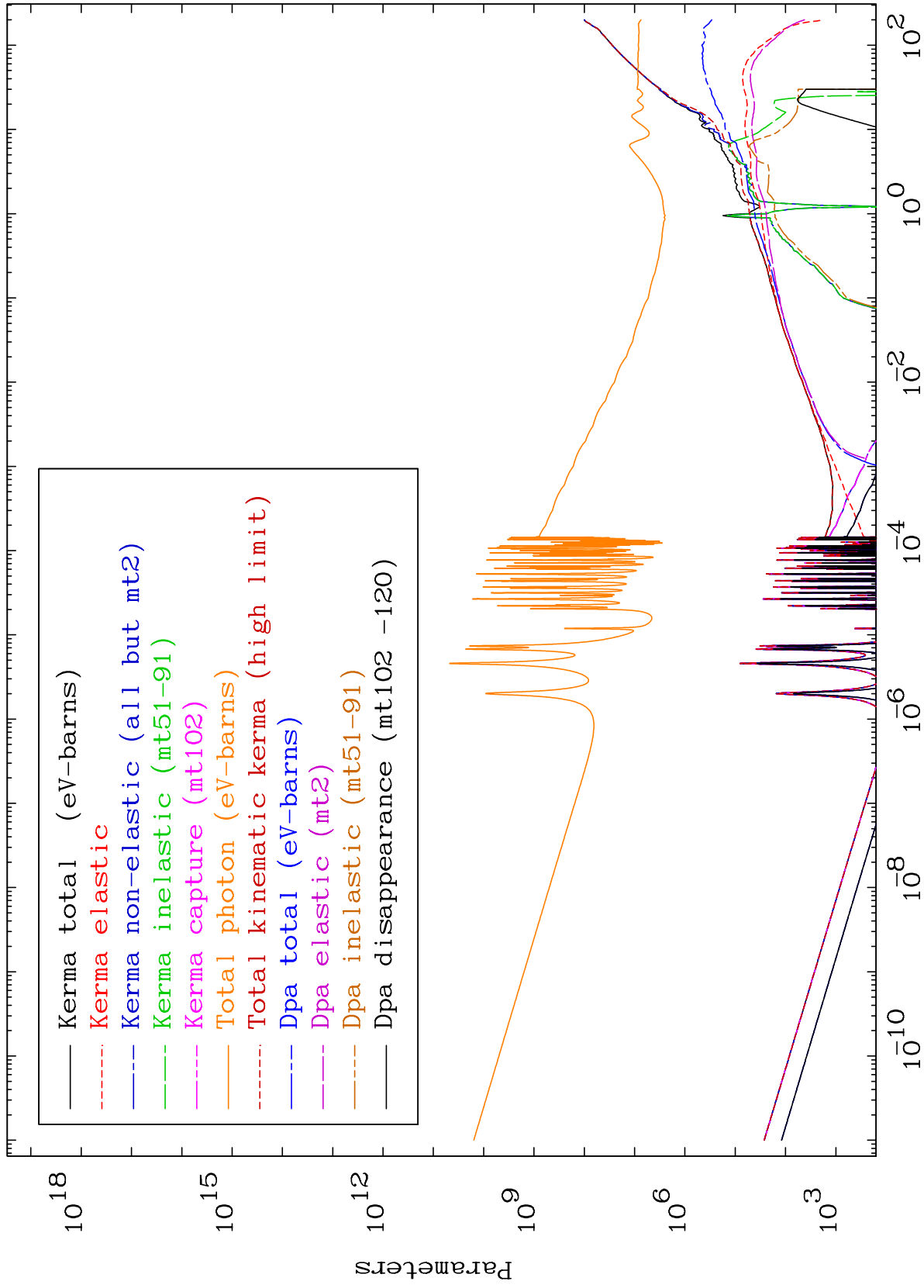
69-Tm-172

MAT 6934

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-172

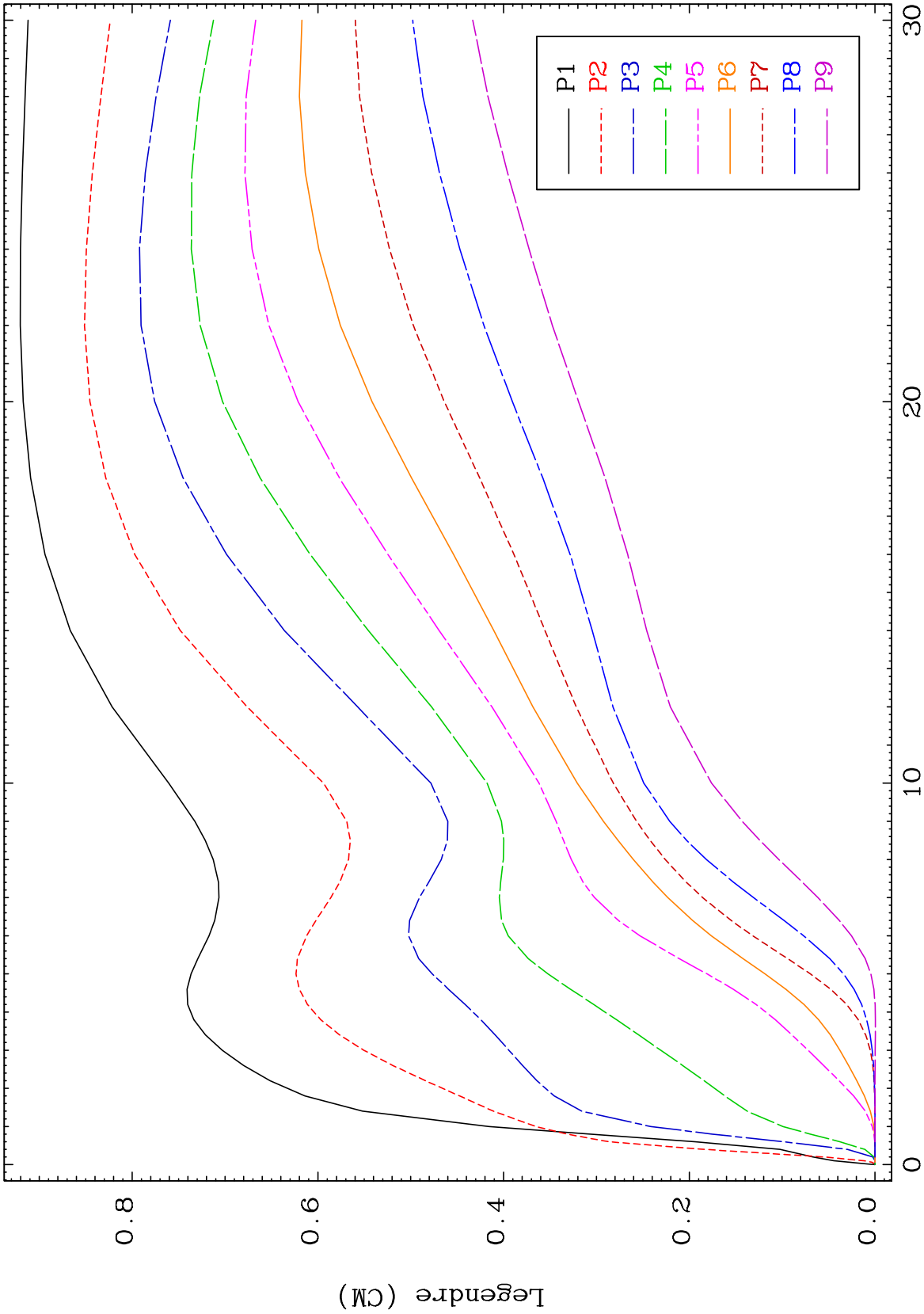




MAT 6934

Elastic Legendre Coefficients

69-Tm-172



16

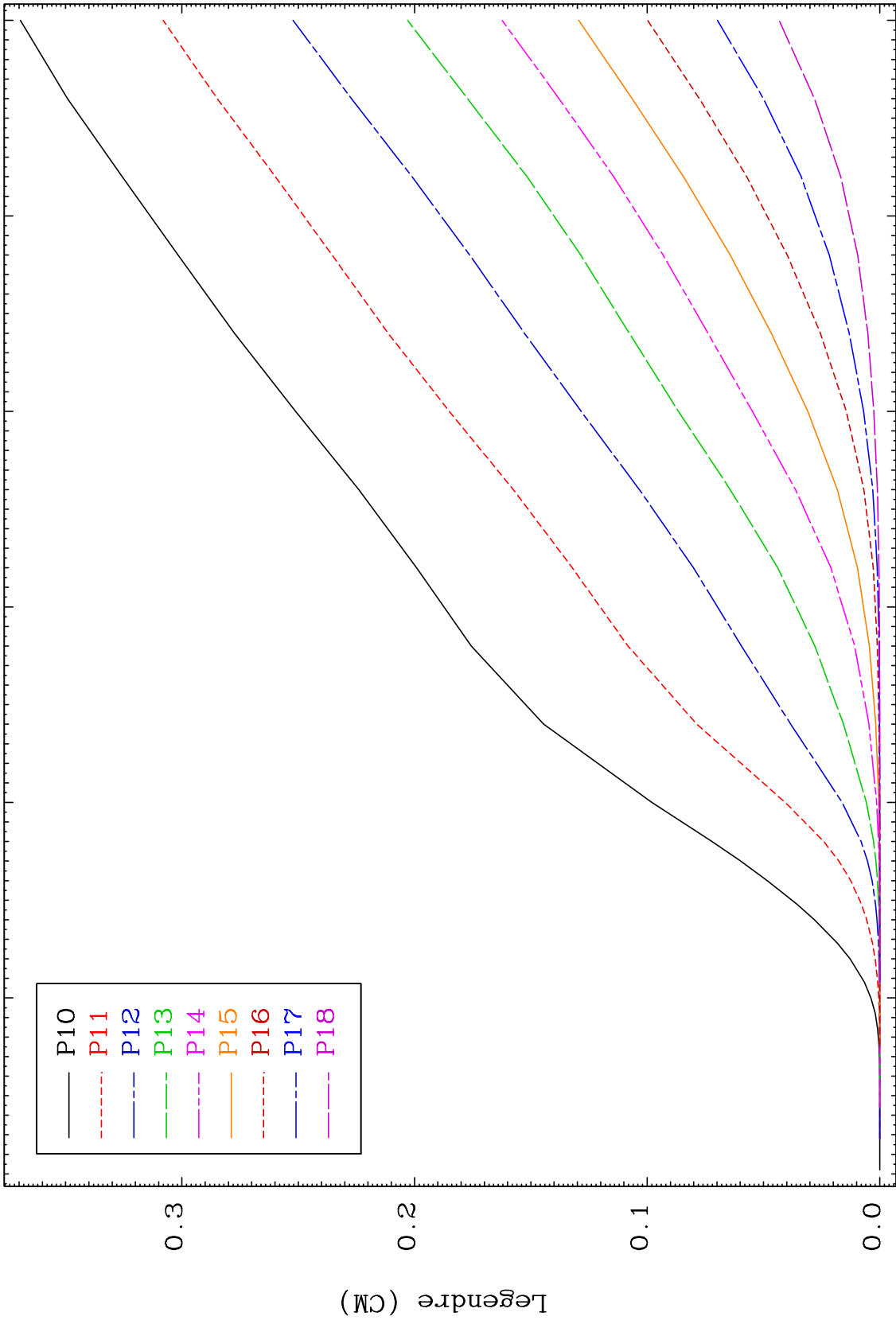
Incident Energy (MeV)

69-Tm-172

MAT 6934

Elastic Legendre Coefficients

69-Tm-172



17

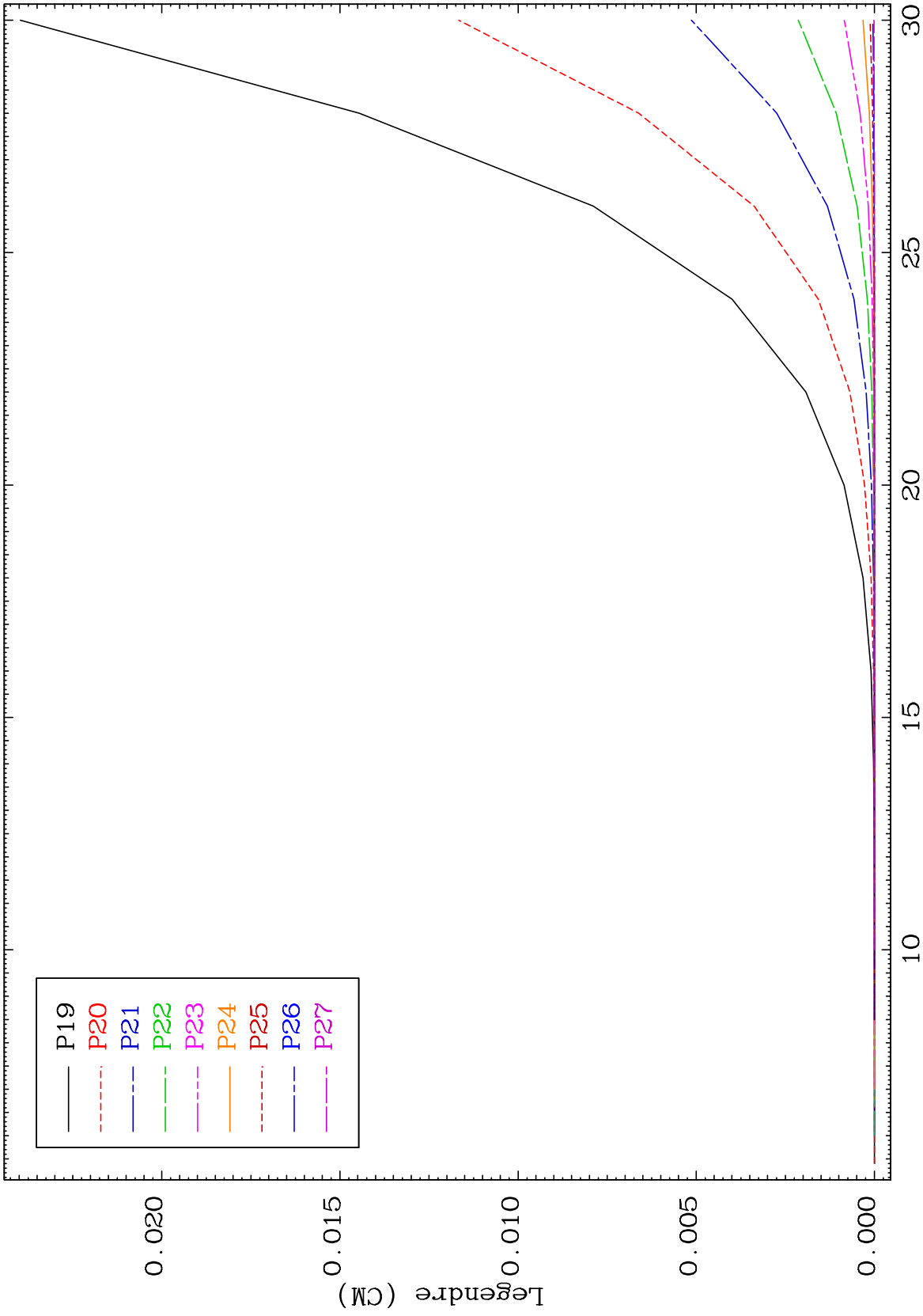
Incident Energy (MeV)

69-Tm-172

MAT 6934

Elastic Legendre Coefficients

69-Tm-172



18

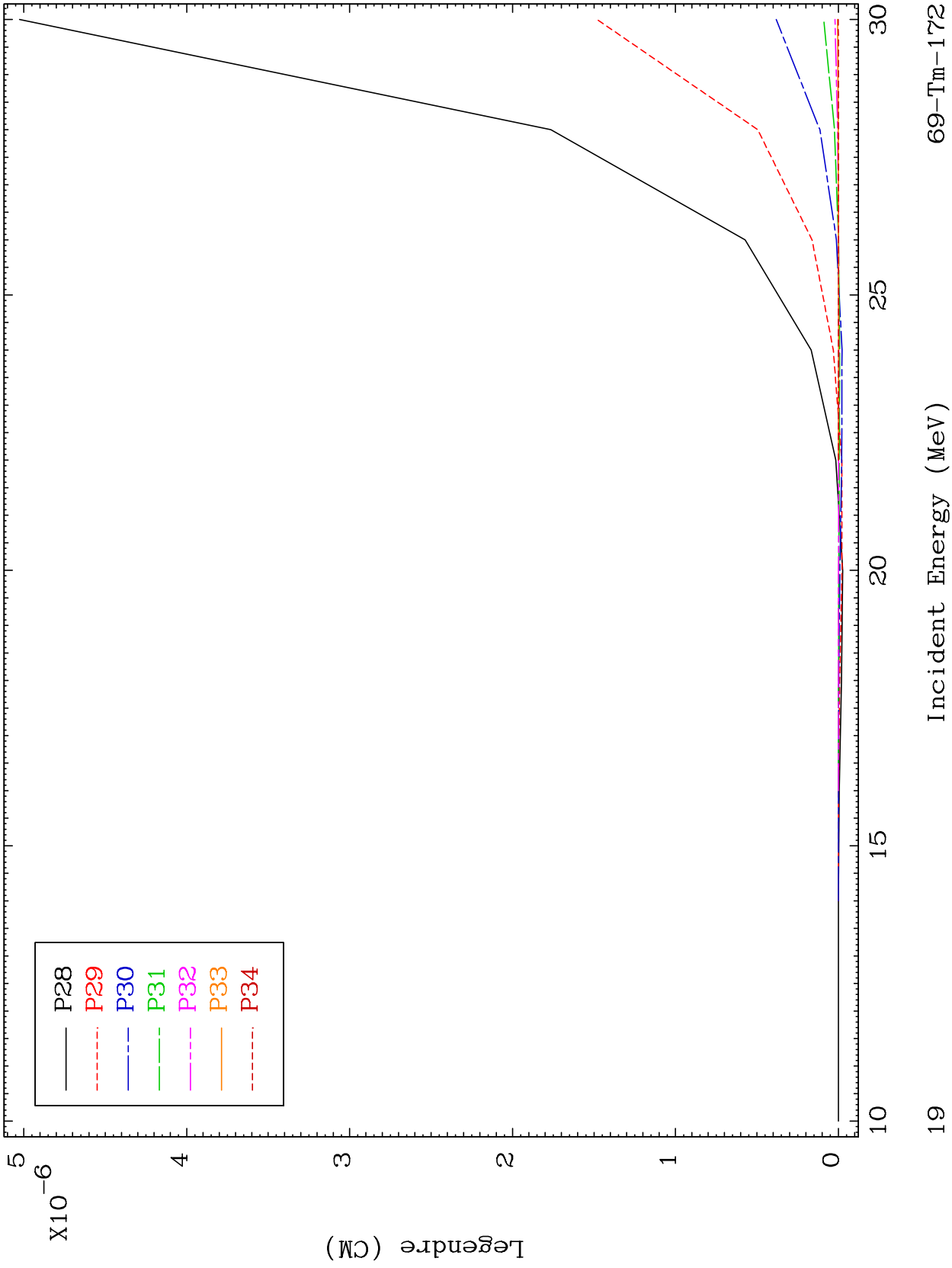
Incident Energy (MeV)

69-Tm-172

MAT 6934

Elastic Legendre Coefficients

69-Tm-172



19

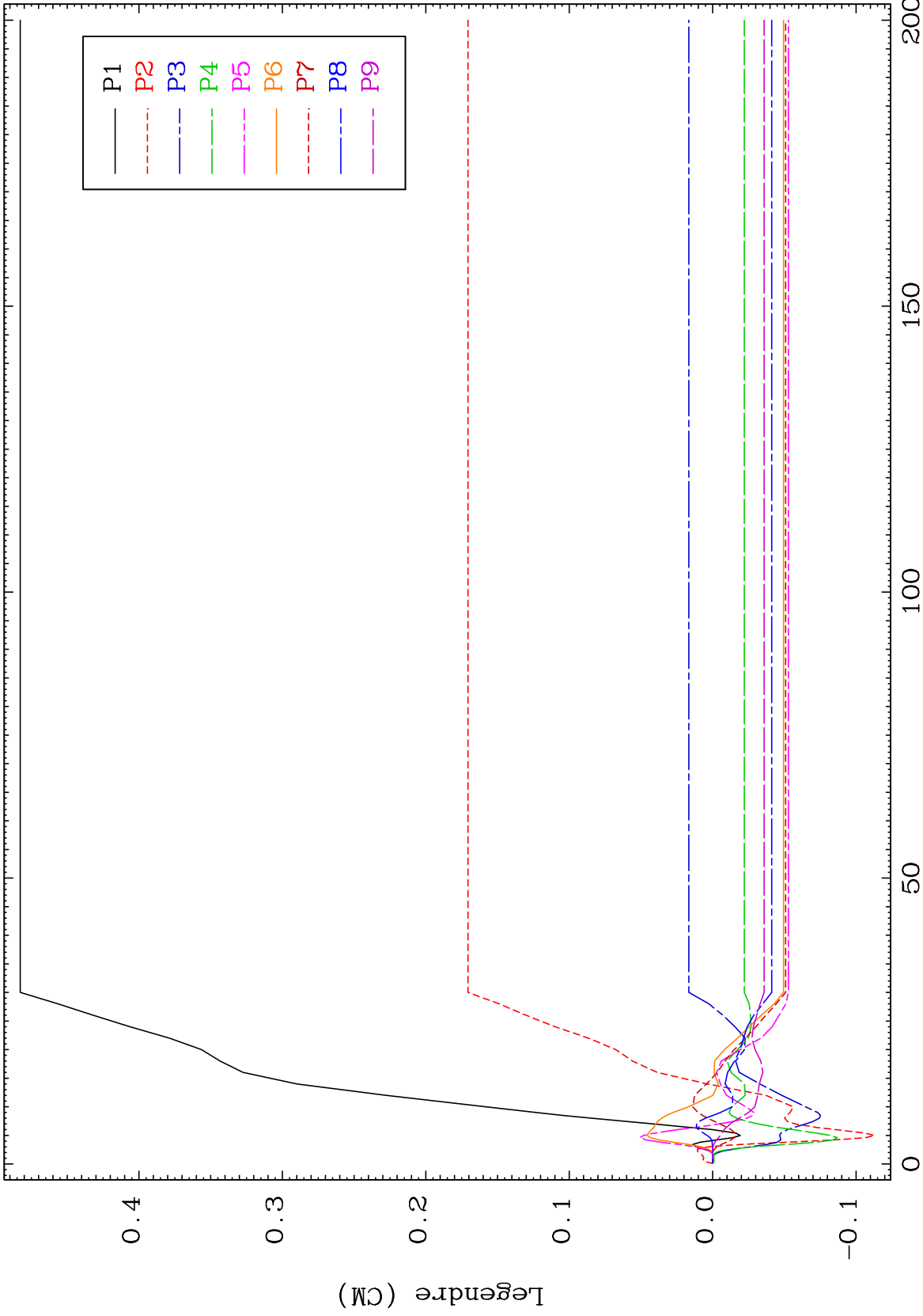
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



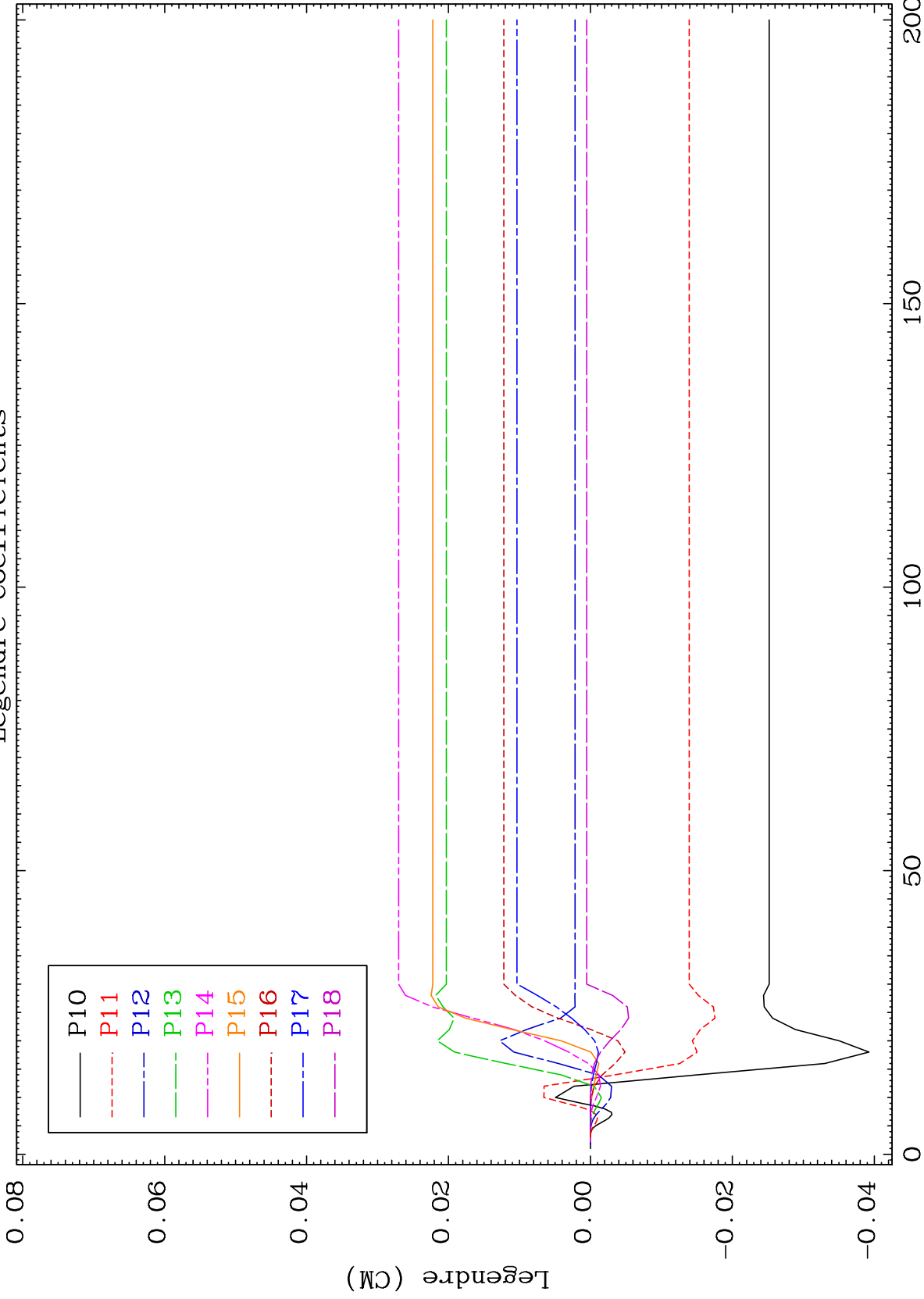
69-Tm-172

Incident Energy (MeV)

MAT 6934

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

69-Tm-172



21

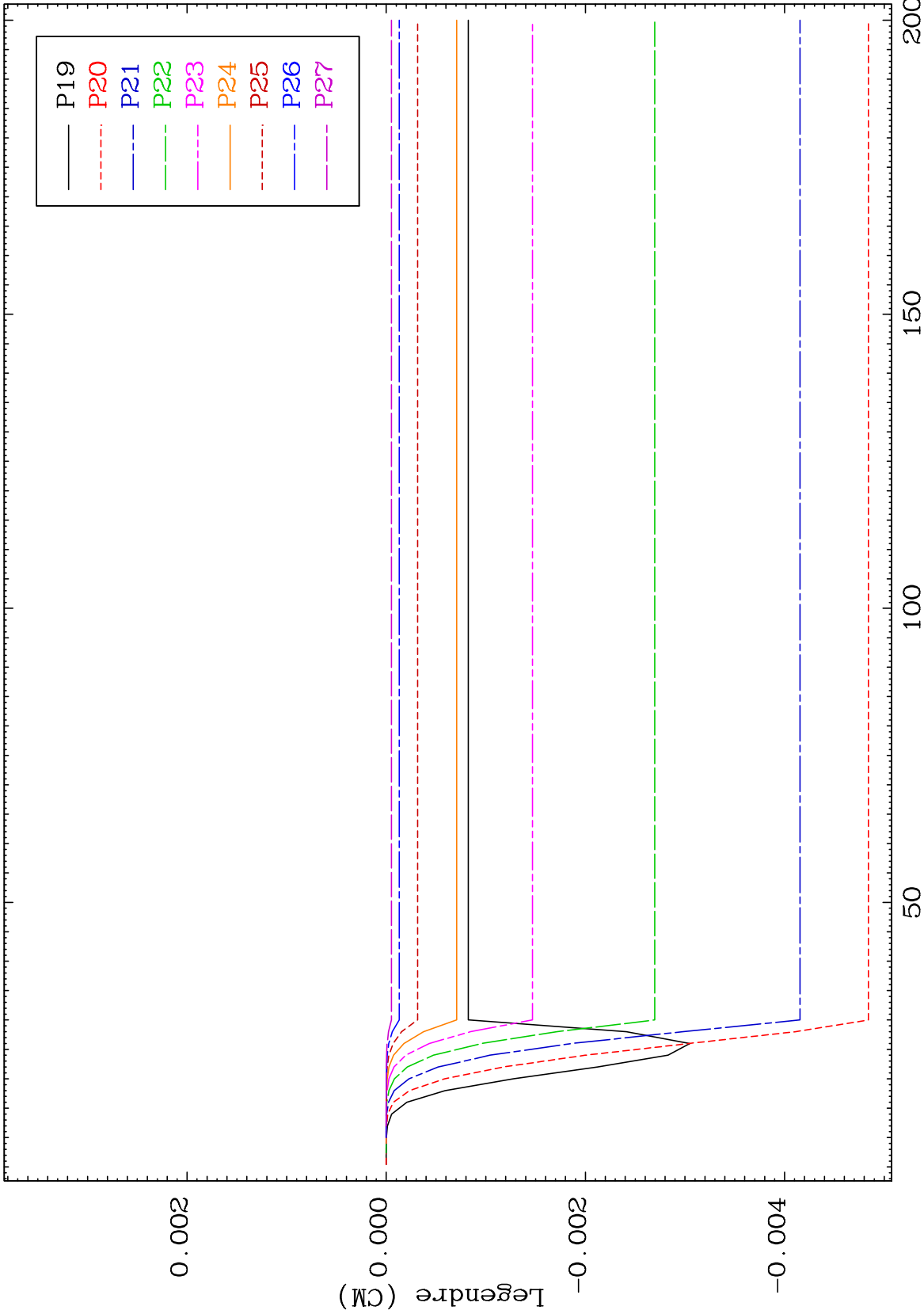
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



22

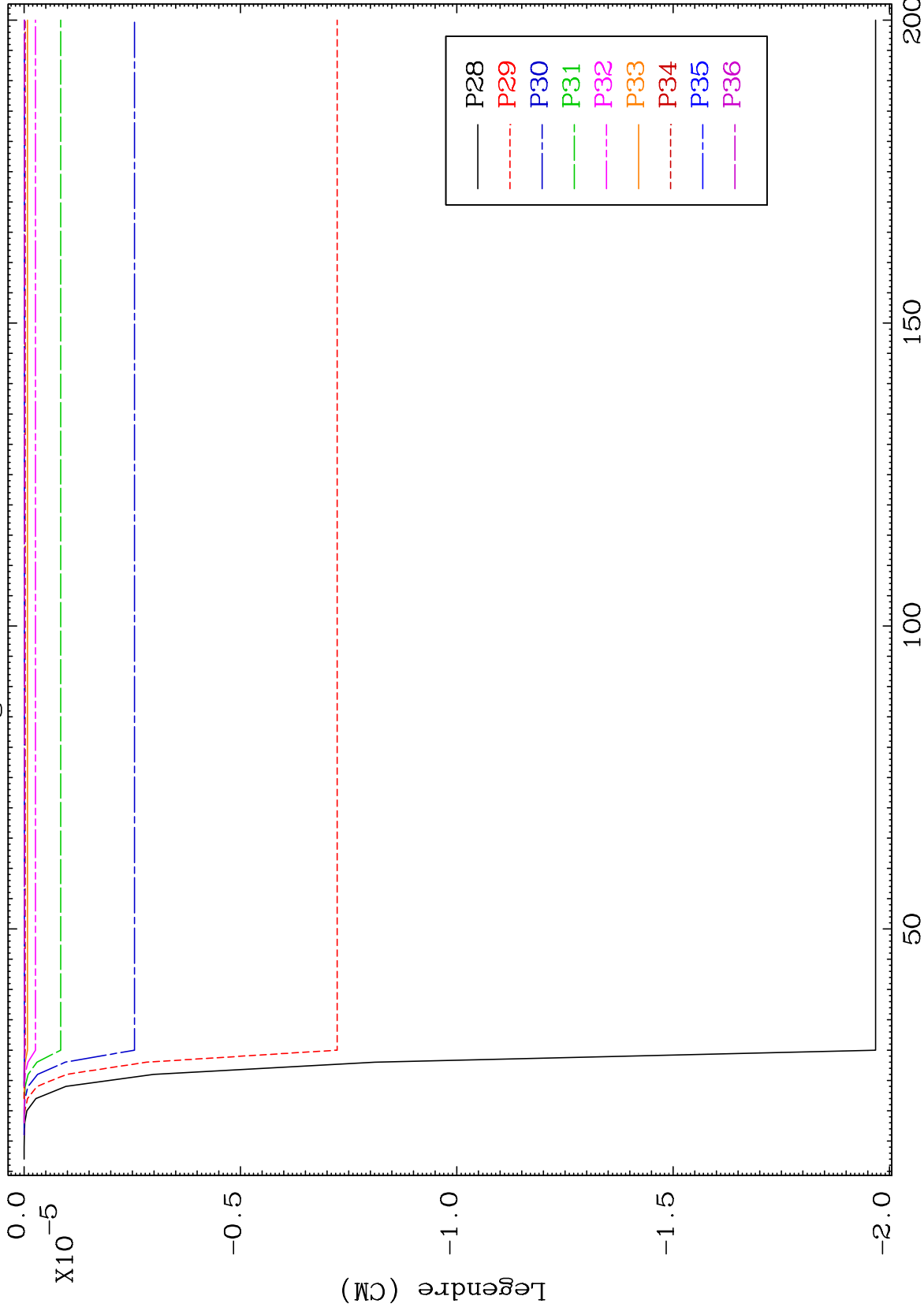
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172

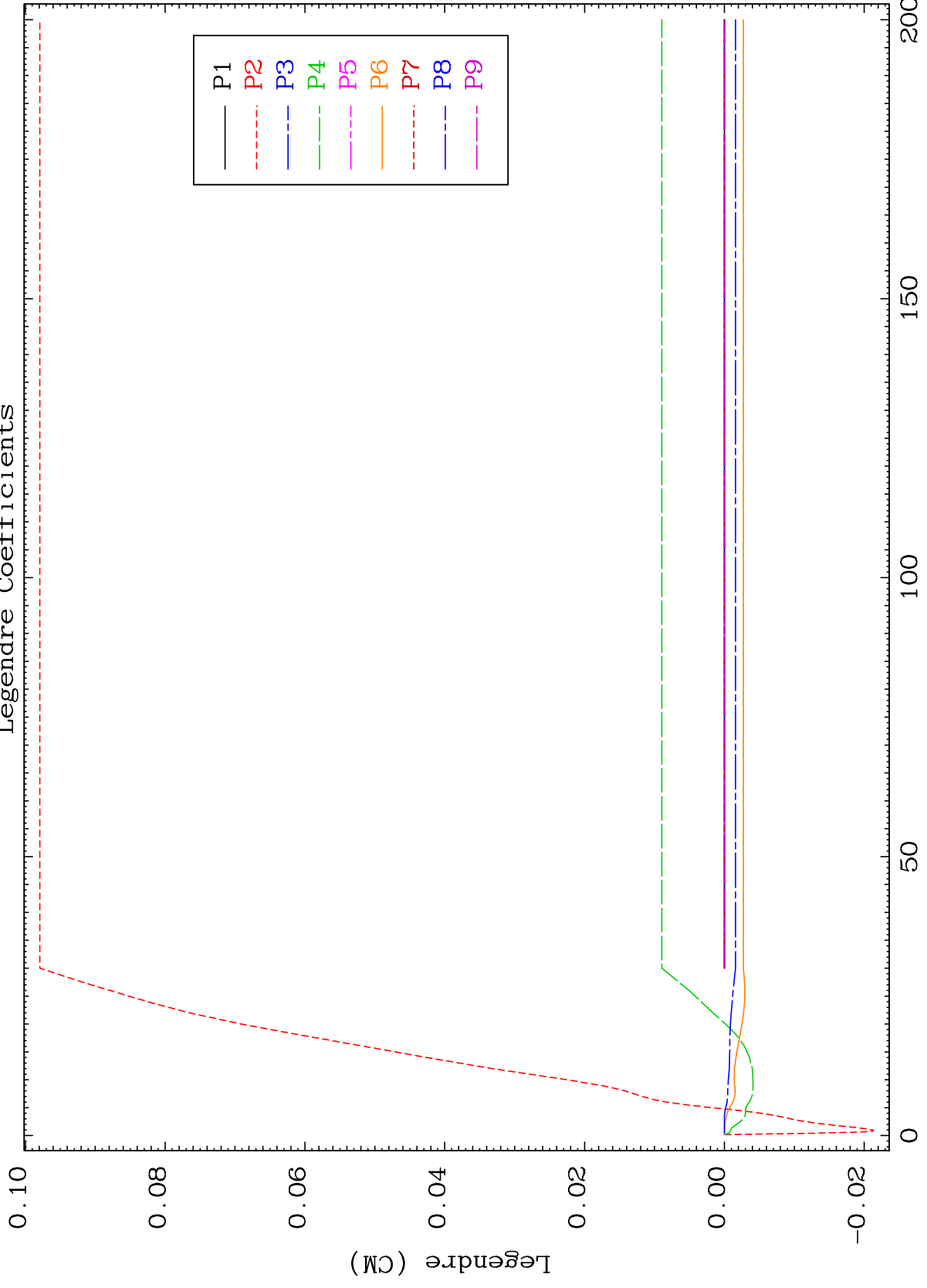


69-Tm-172

Incident Energy (MeV)

23

MAT 6934 MT= 52 (n,n') Level Legendre Coefficients 69-Tm-172

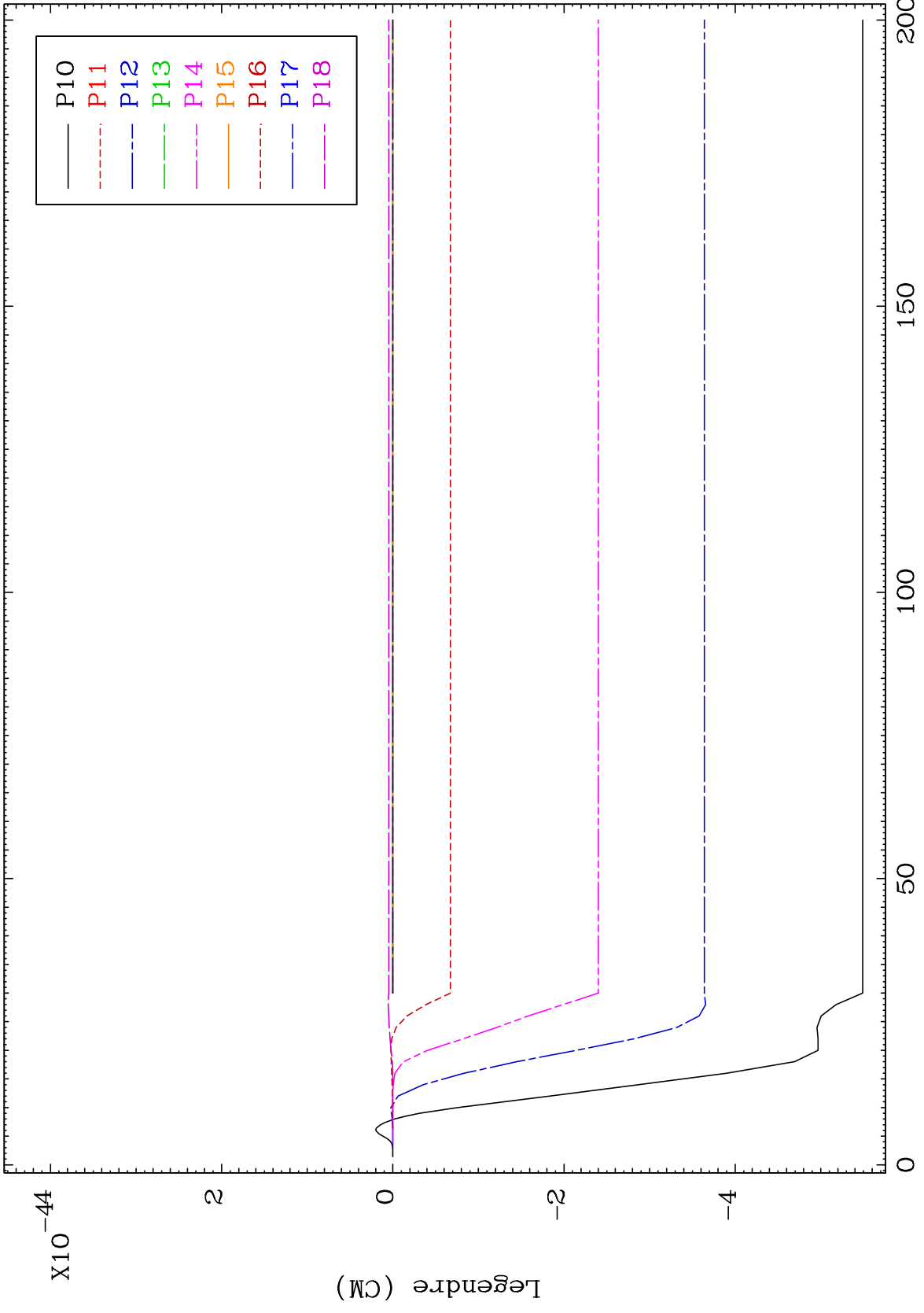


24 69-Tm-172

MAT 6934

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

69-Tm-172



25

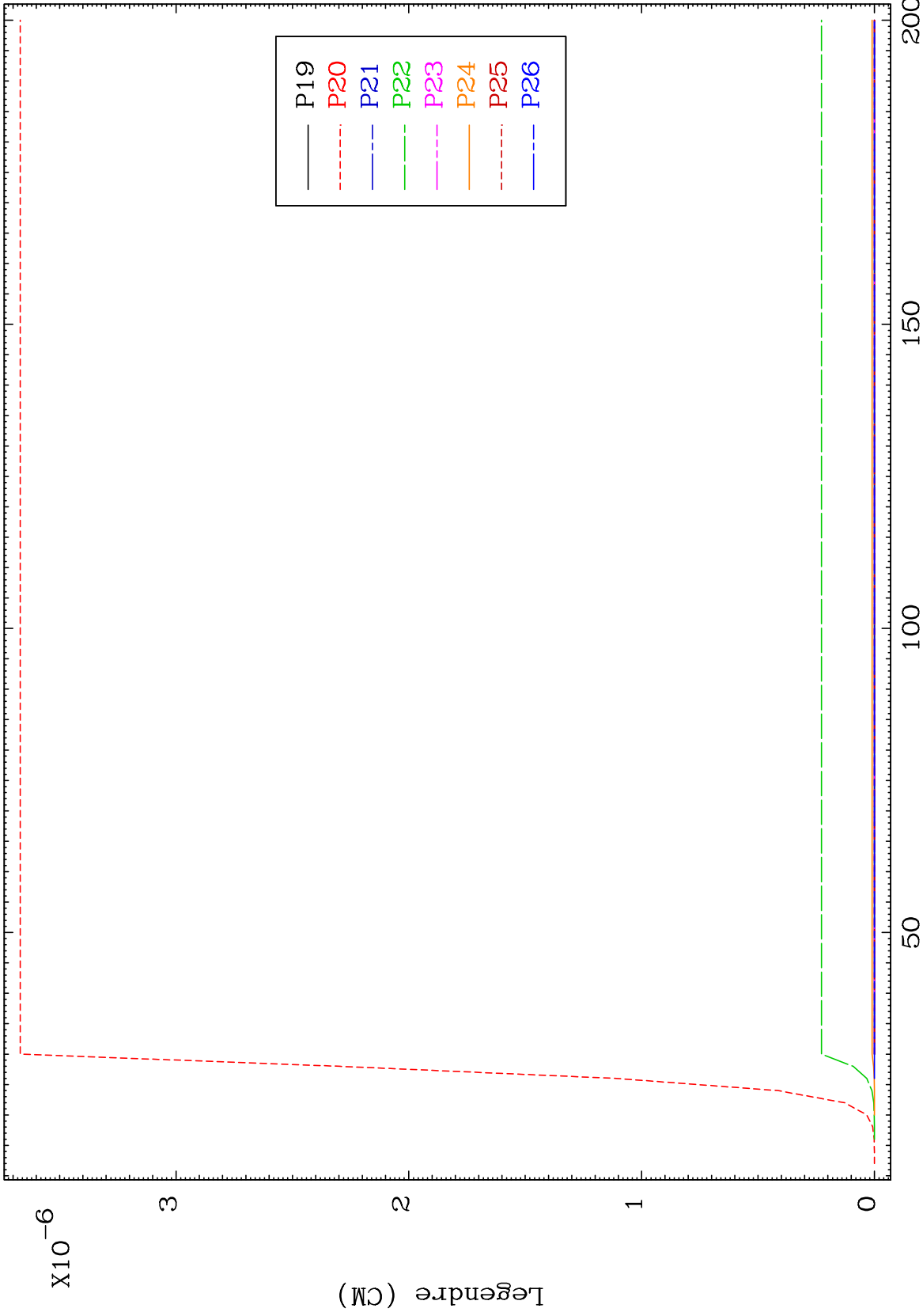
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



26

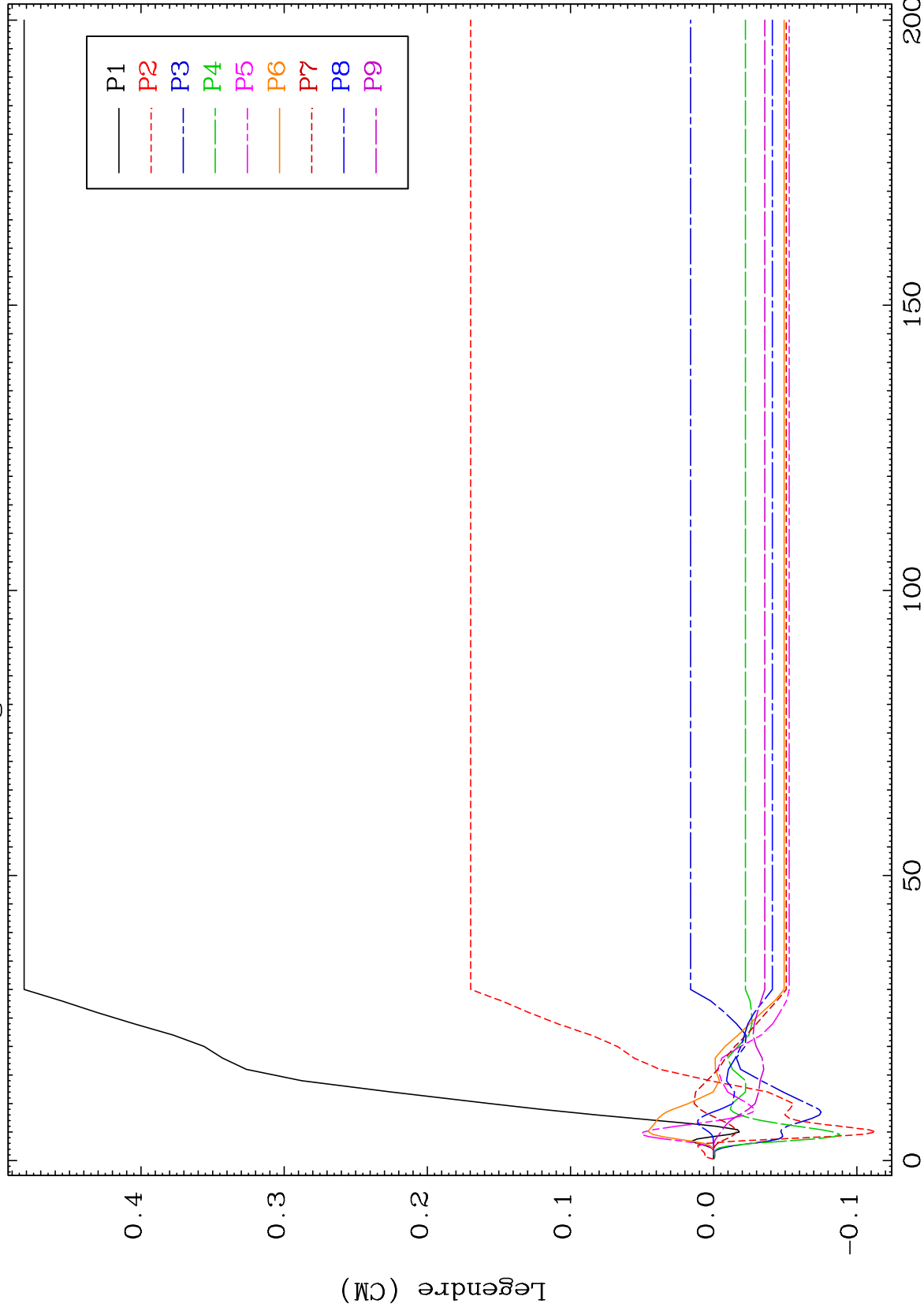
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



27

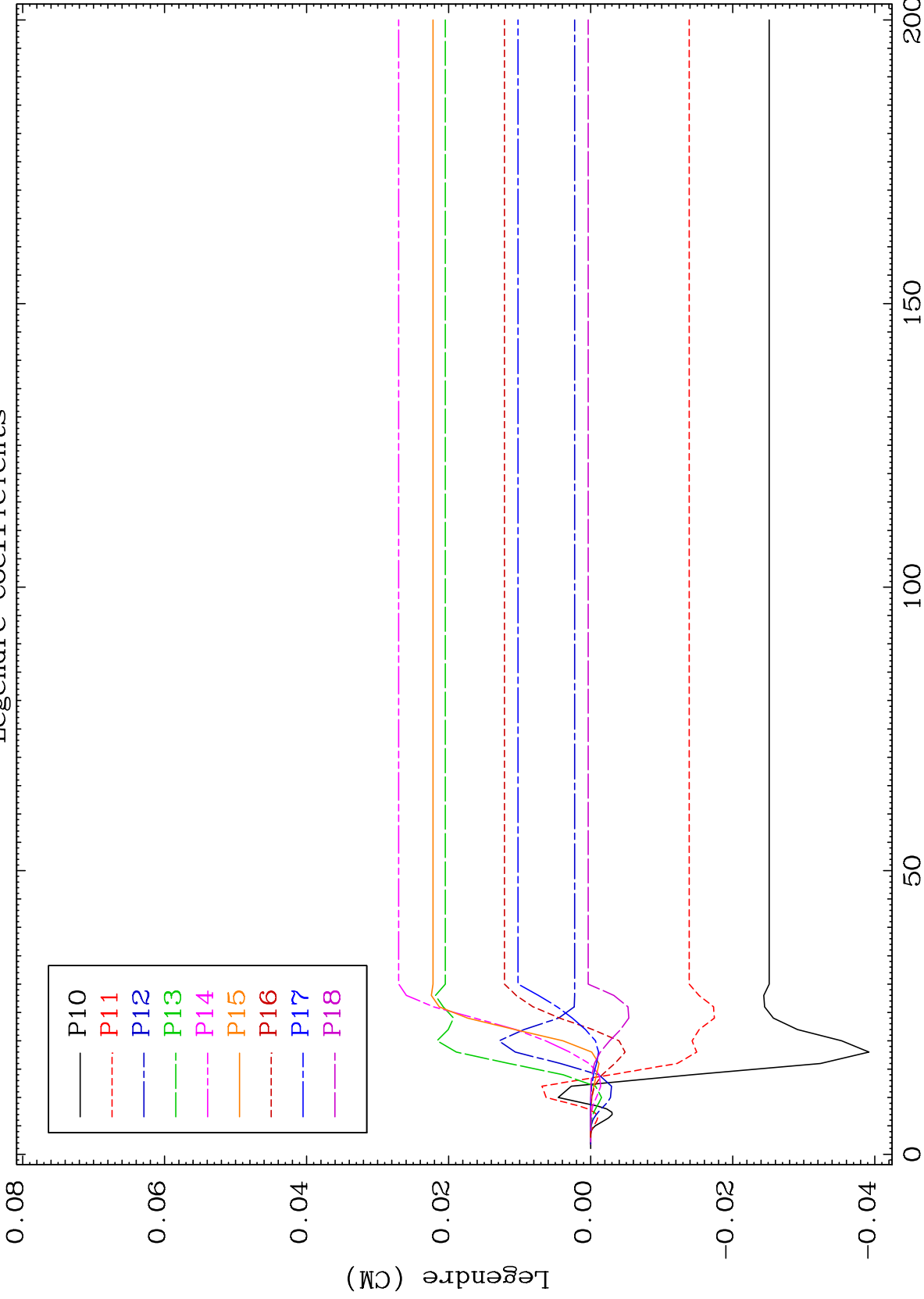
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



28

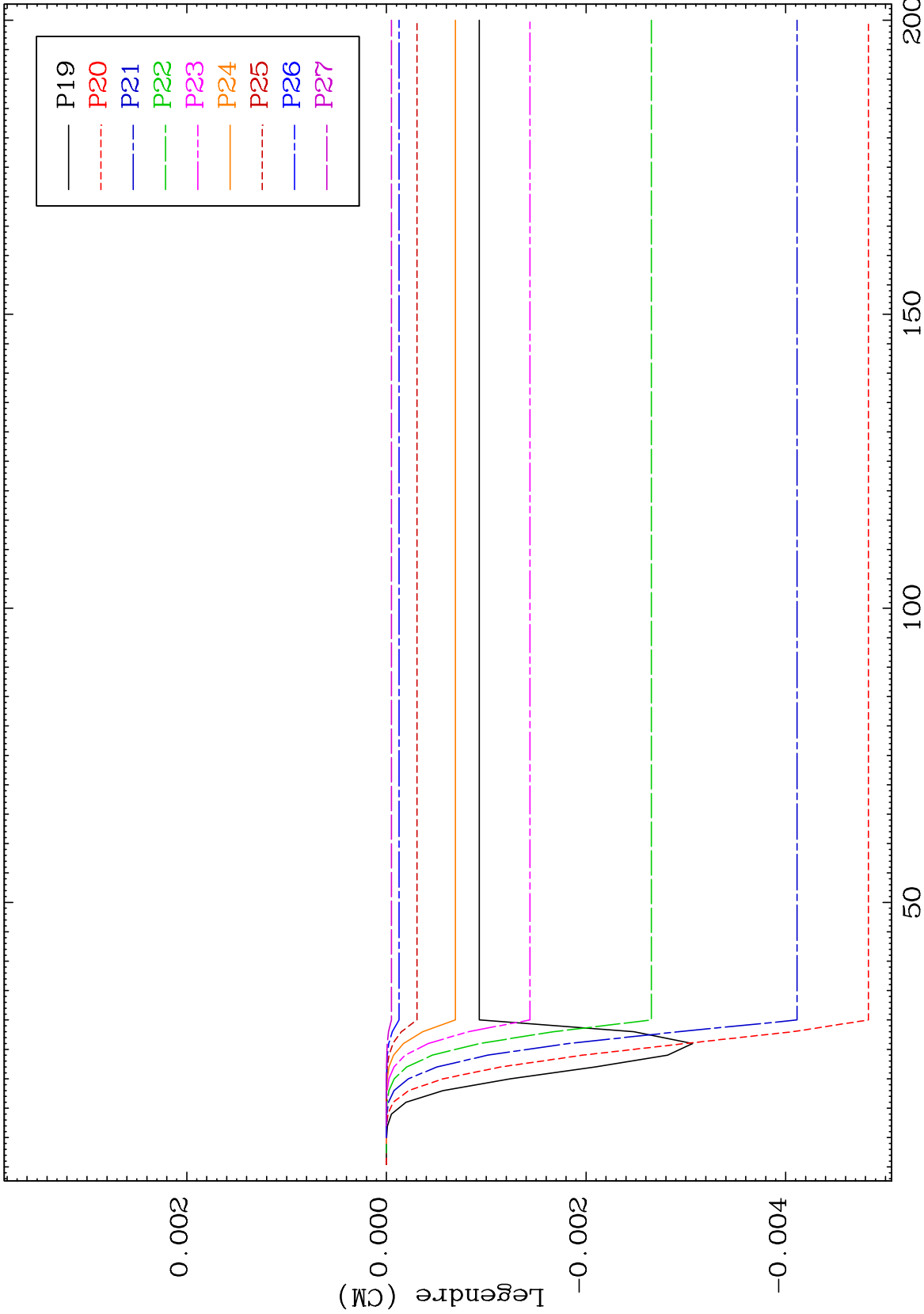
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



29

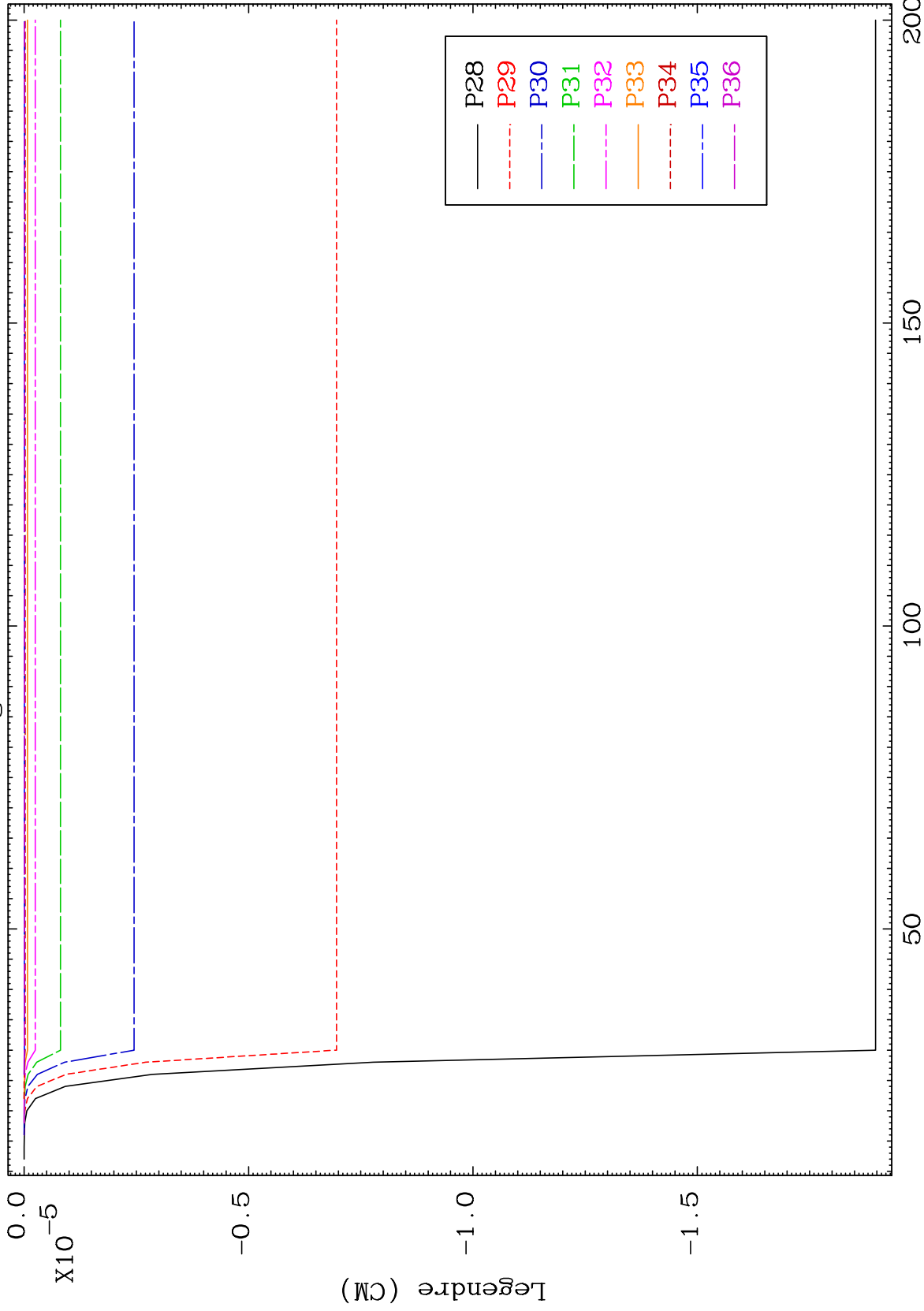
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



69-Tm-172

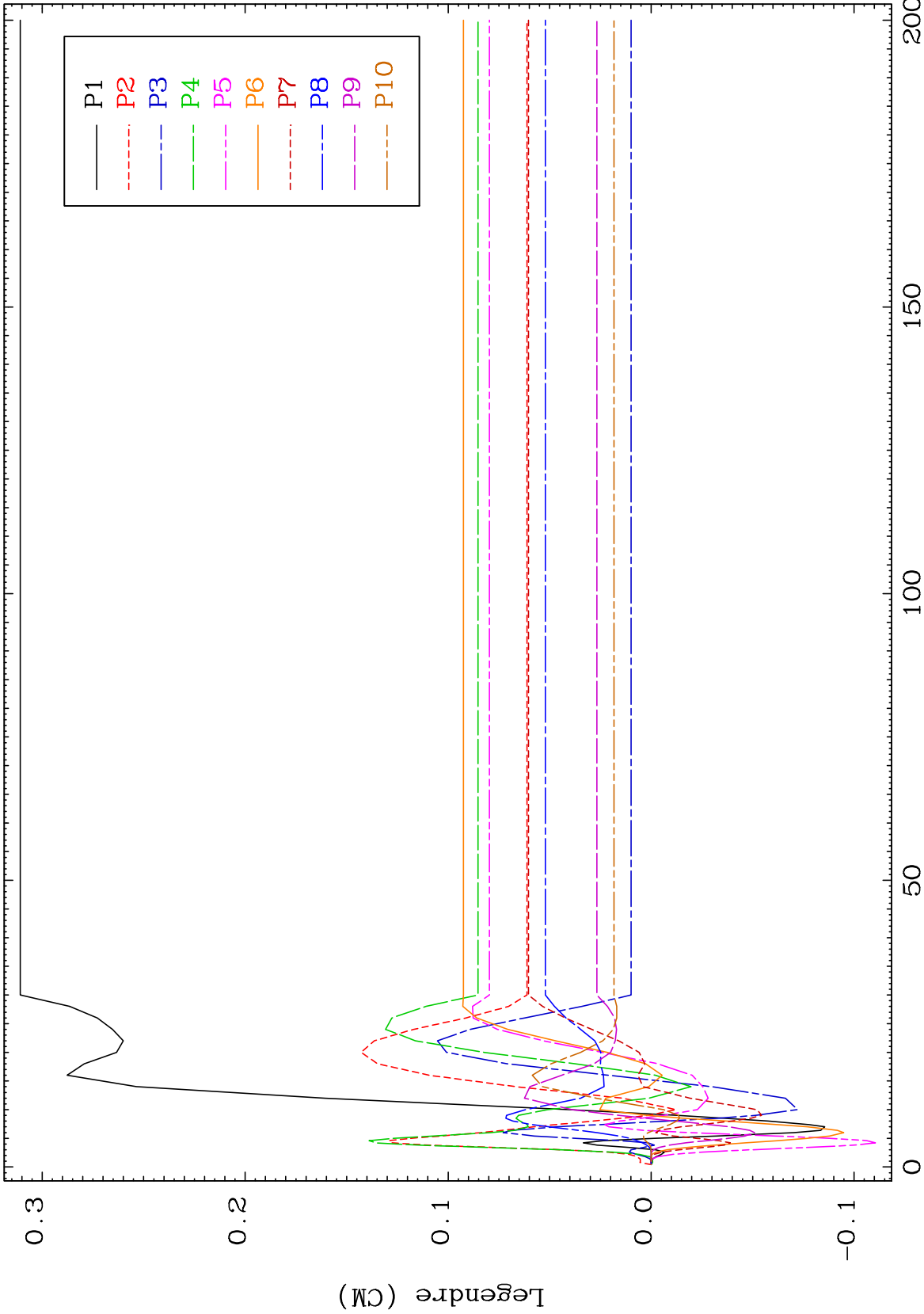
Incident Energy (MeV)

30

MAT 6934

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

69-Tm-172



31

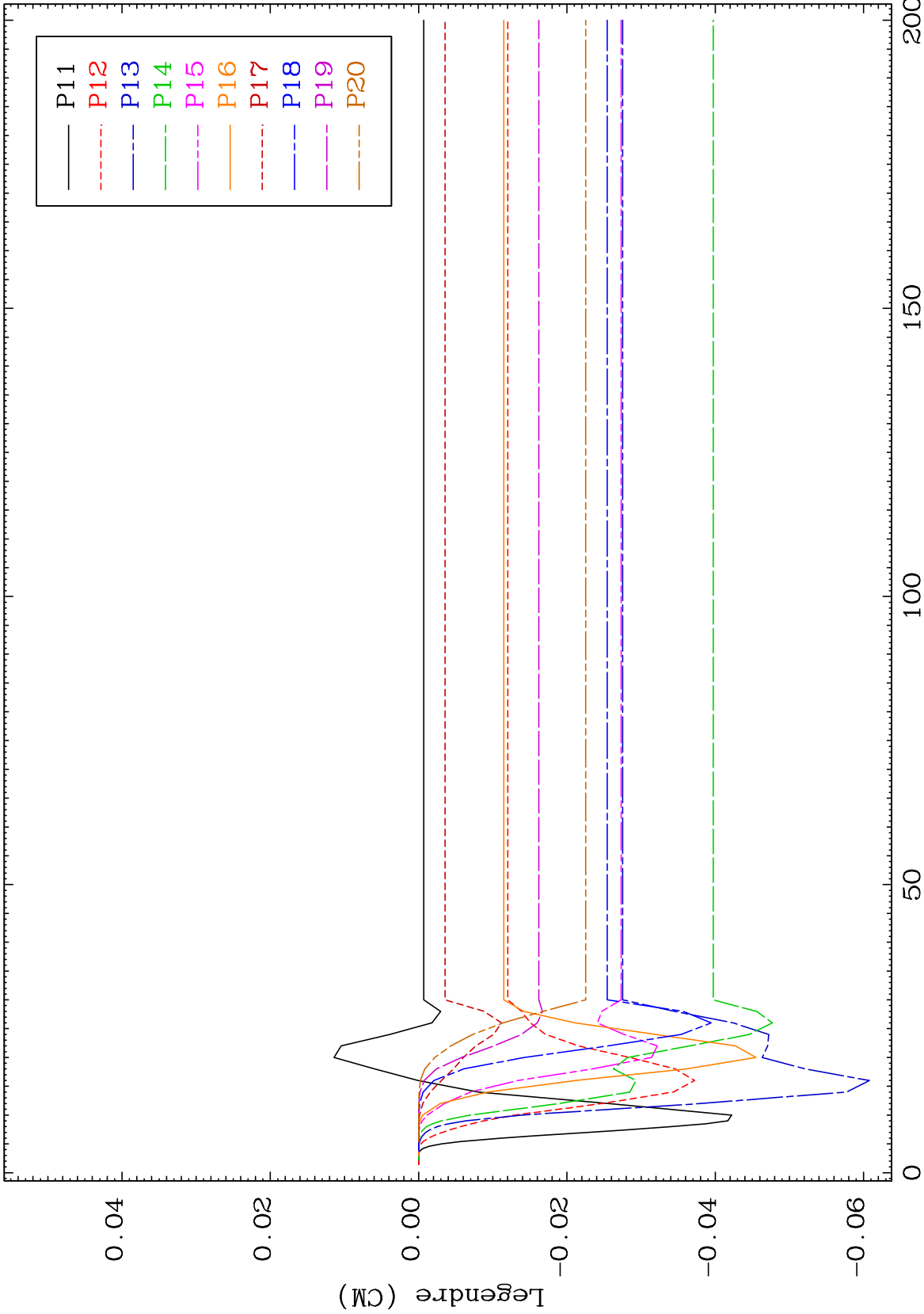
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



32

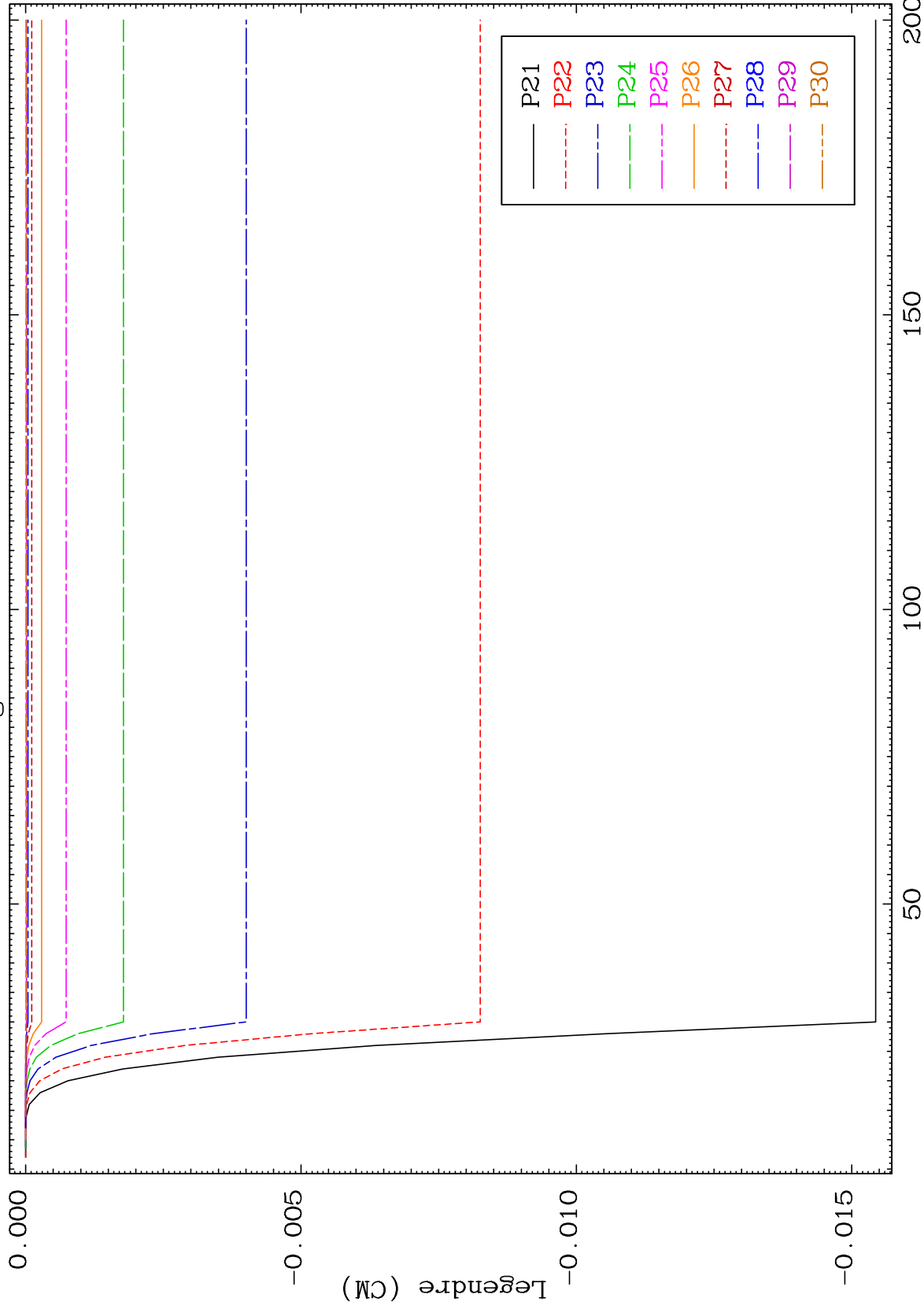
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



33

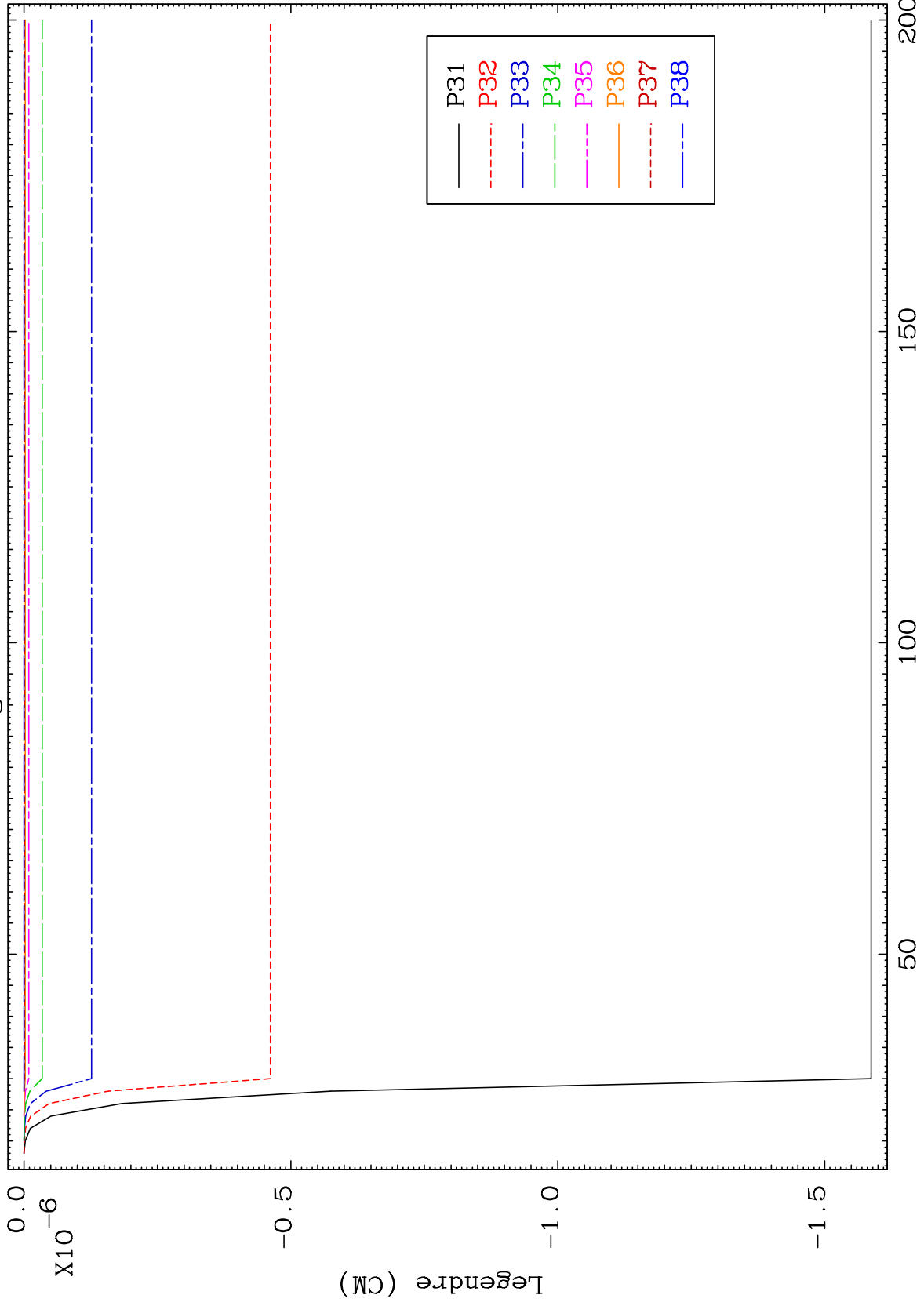
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172

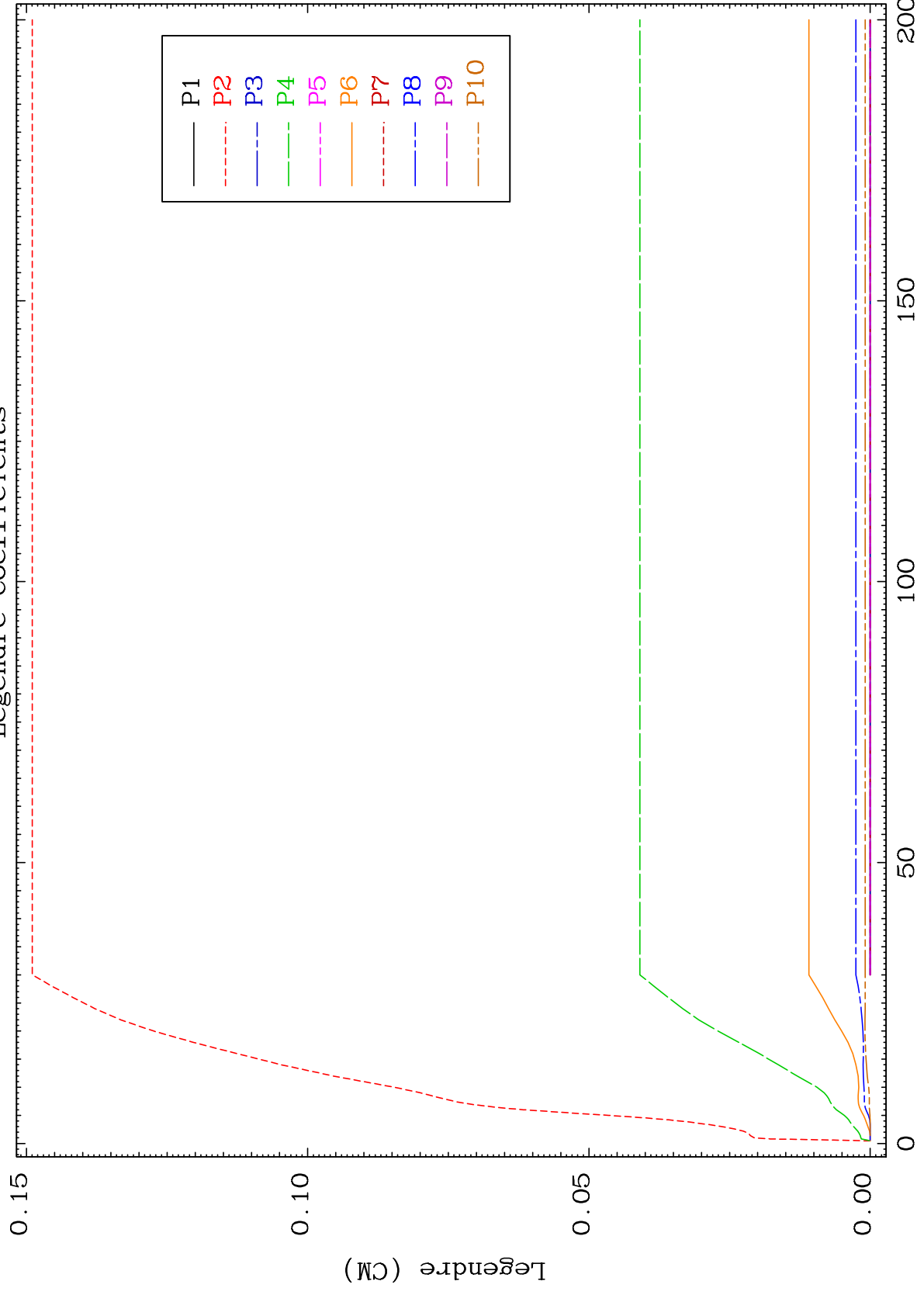


69-Tm-172

Incident Energy (MeV)

34

MAT 6934 MT= 55 (n,n') Level Legendre Coefficients 69-Tm-172

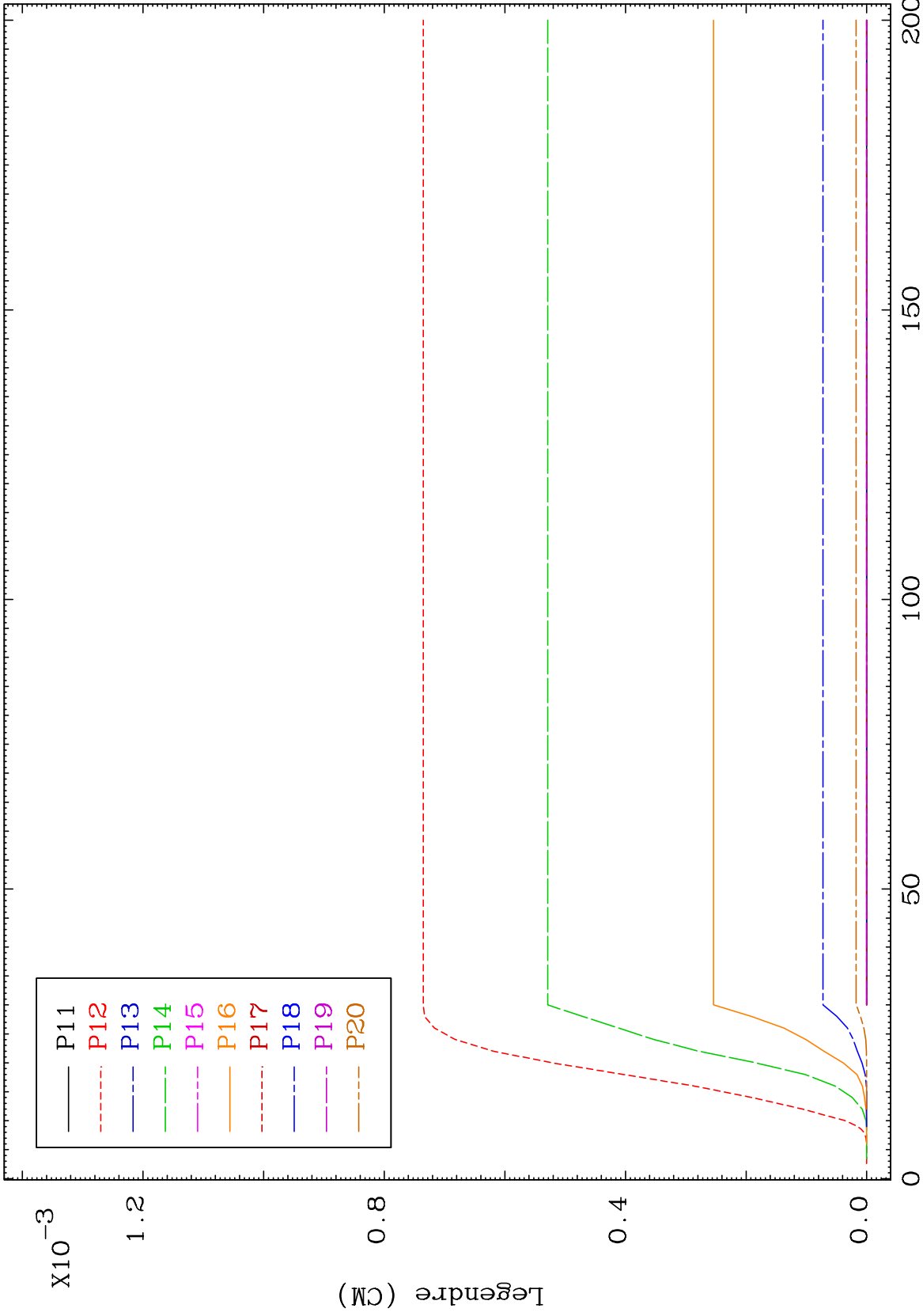


35 Incident Energy (MeV) 200 69-Tm-172

MAT 6934

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

69-Tm-172



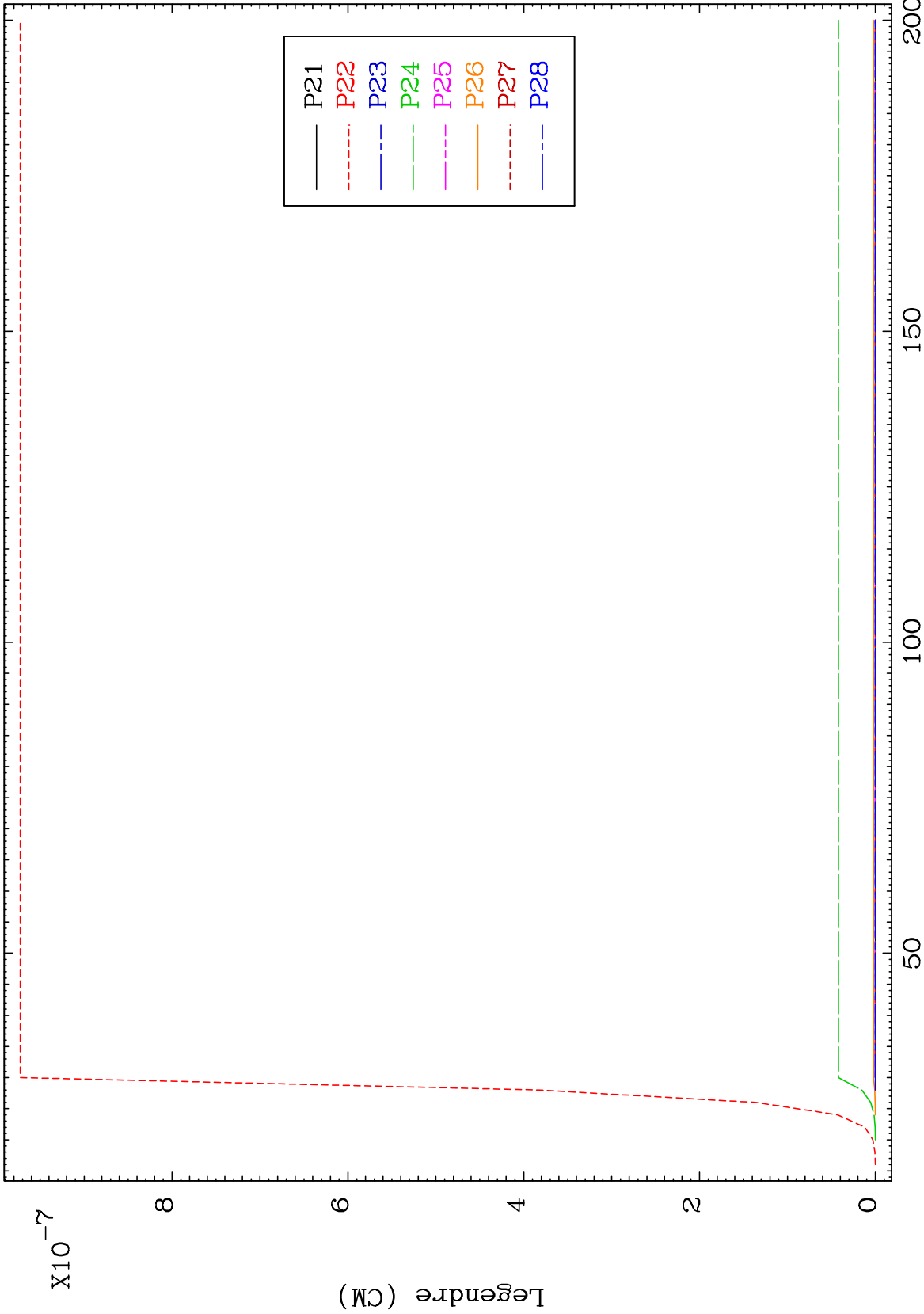
36

69-Tm-172

MAT 6934

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

69-Tm-172



37

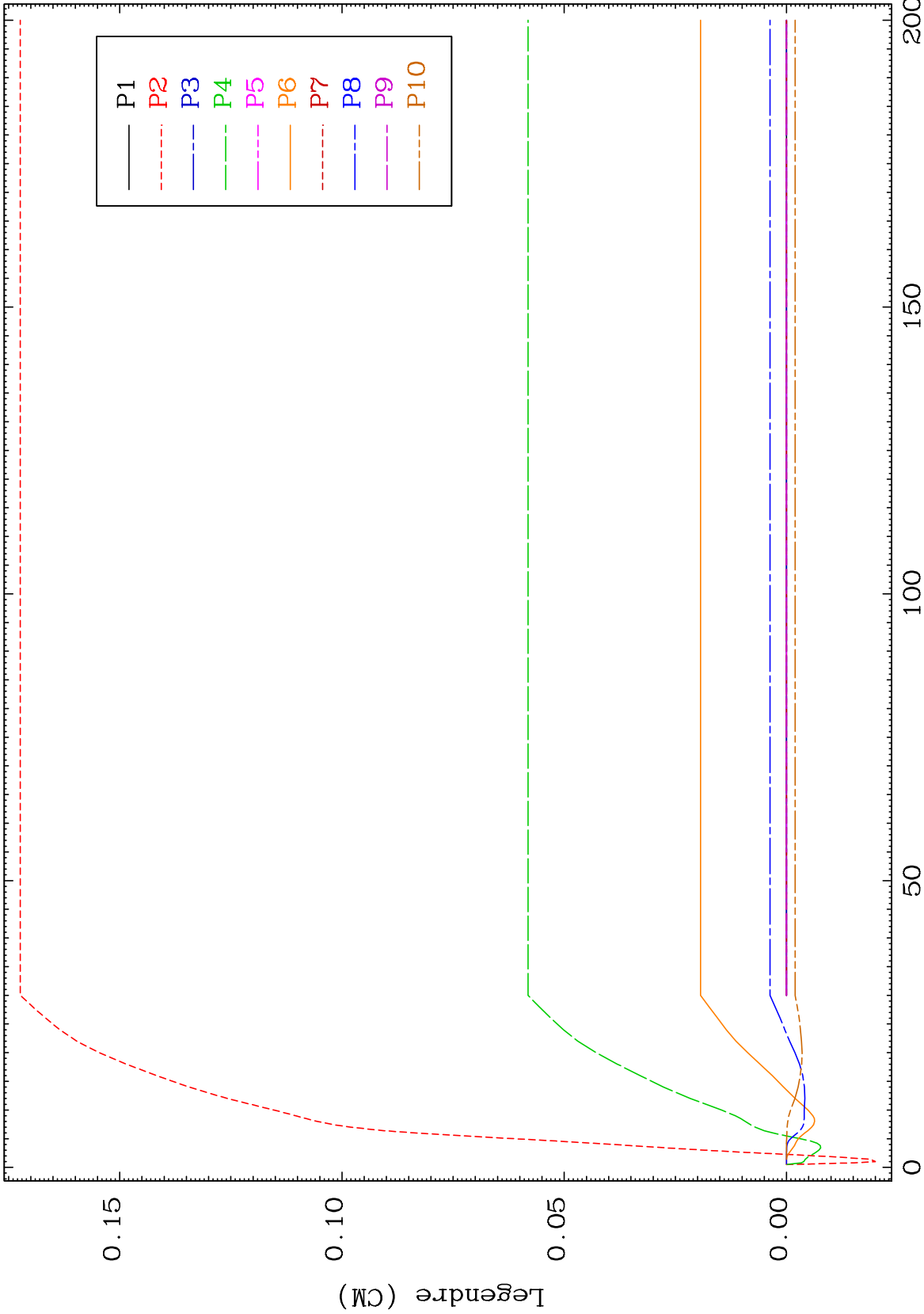
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



38

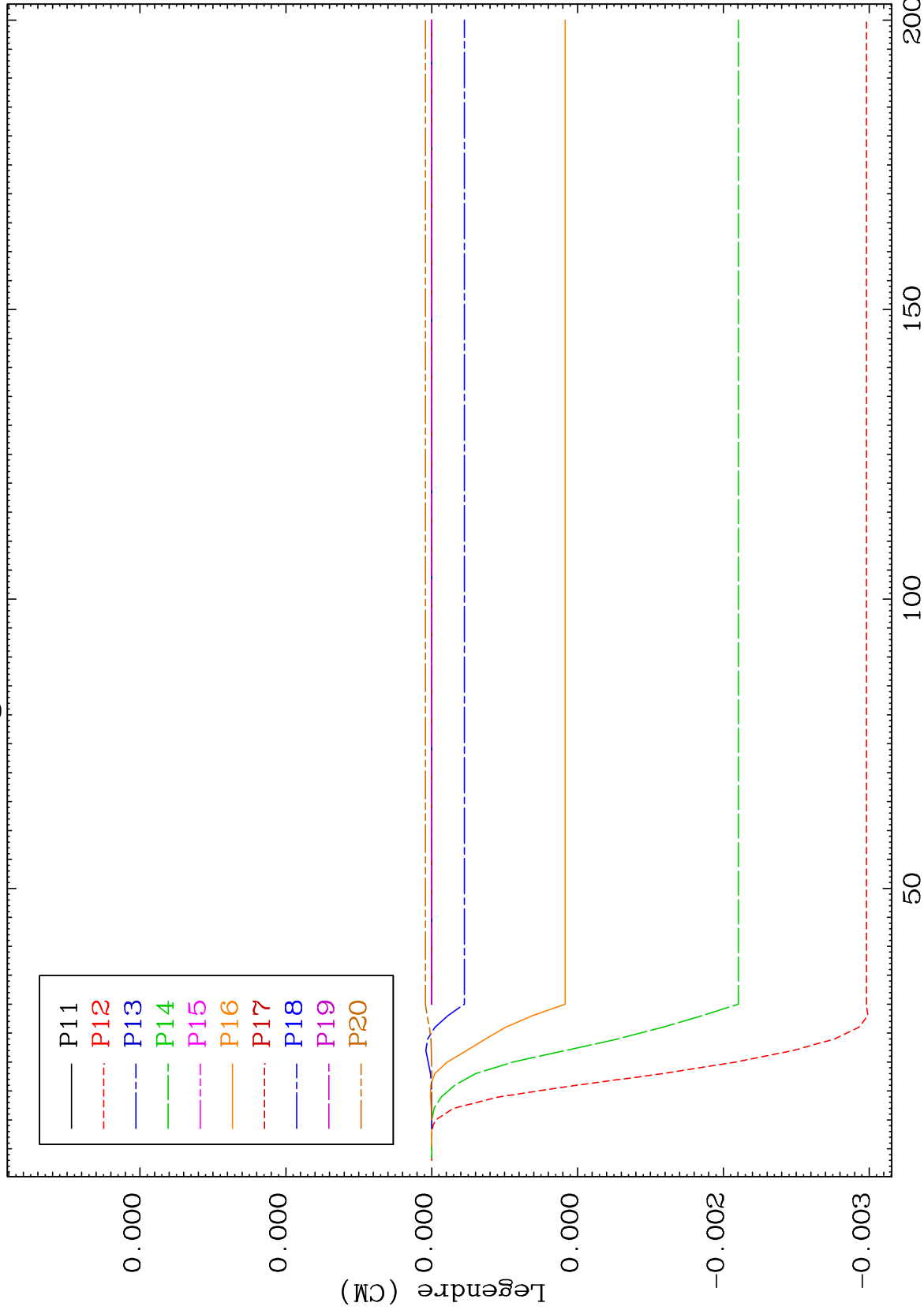
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



39

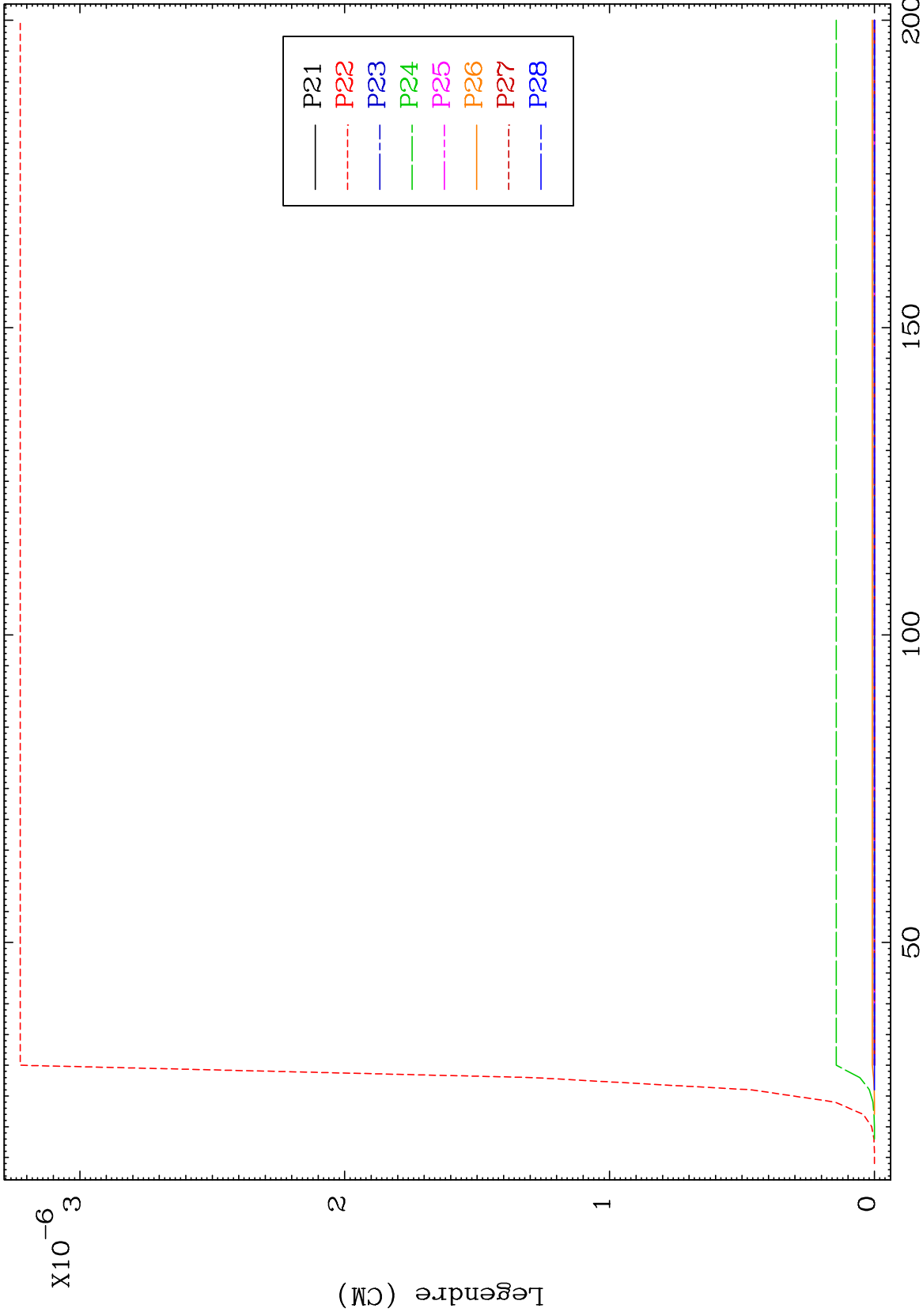
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



40

Incident Energy (MeV)

50

100

150

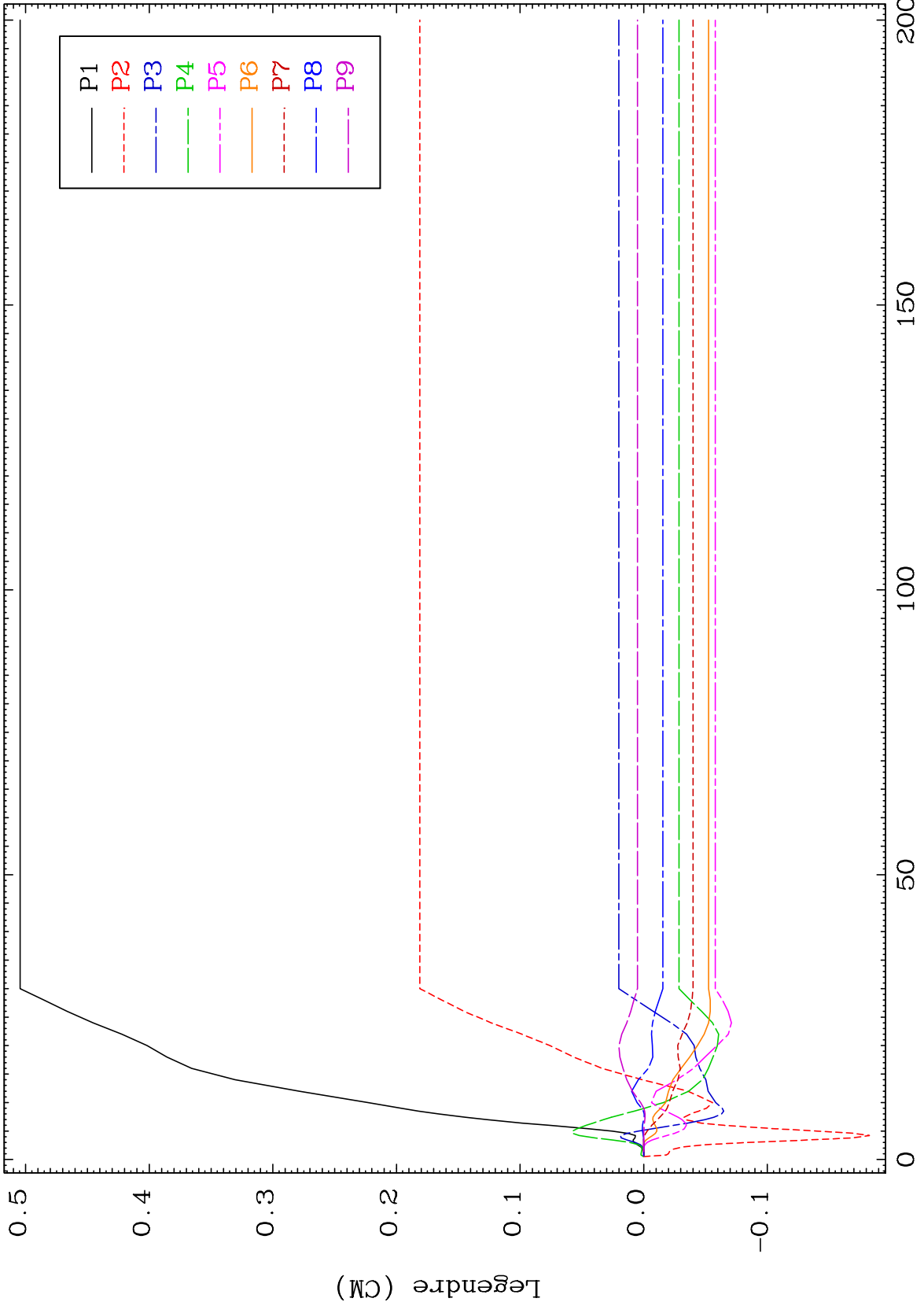
200

69-Tm-172

MAT 6934

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

69-Tm-172



41

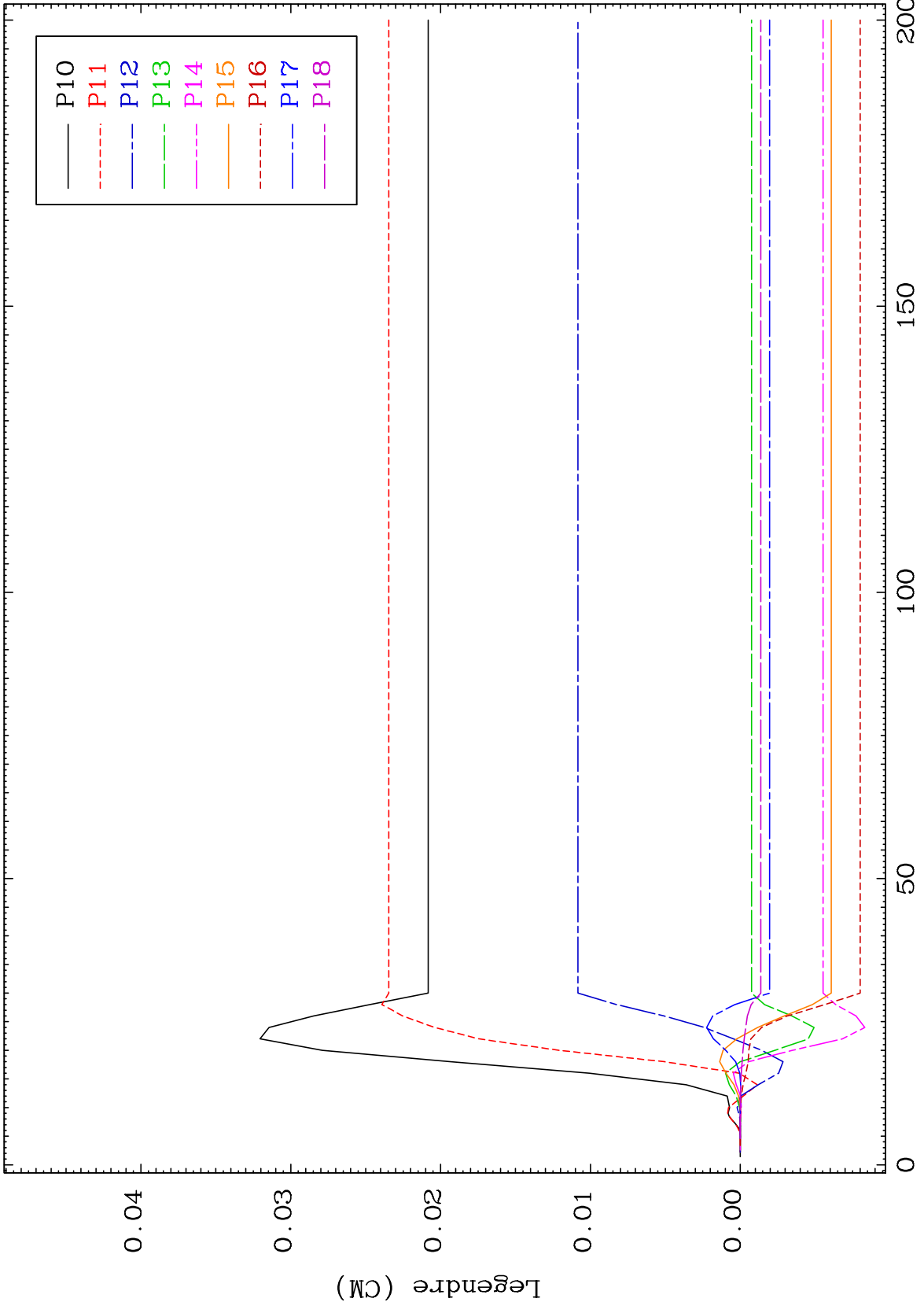
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



42

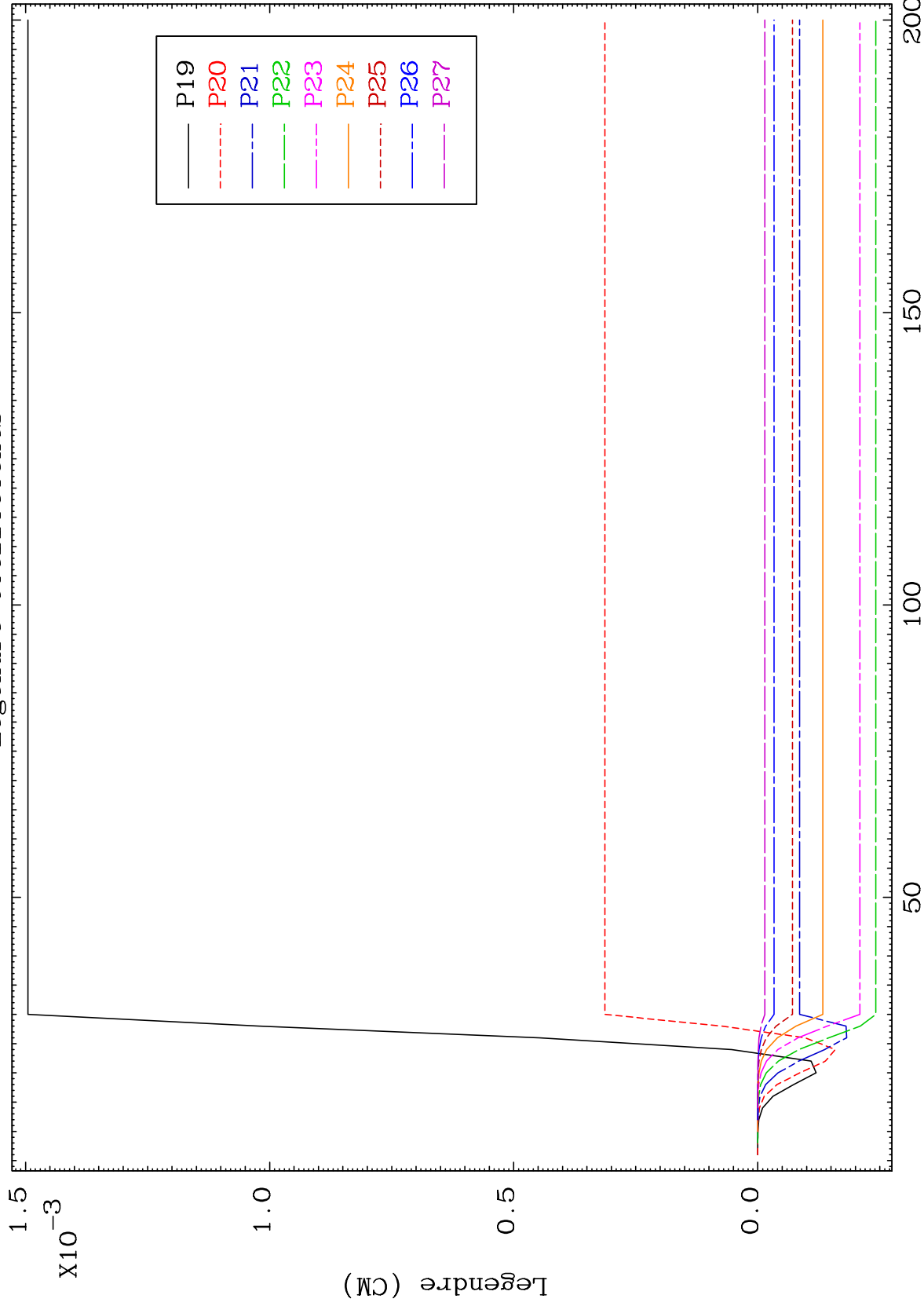
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



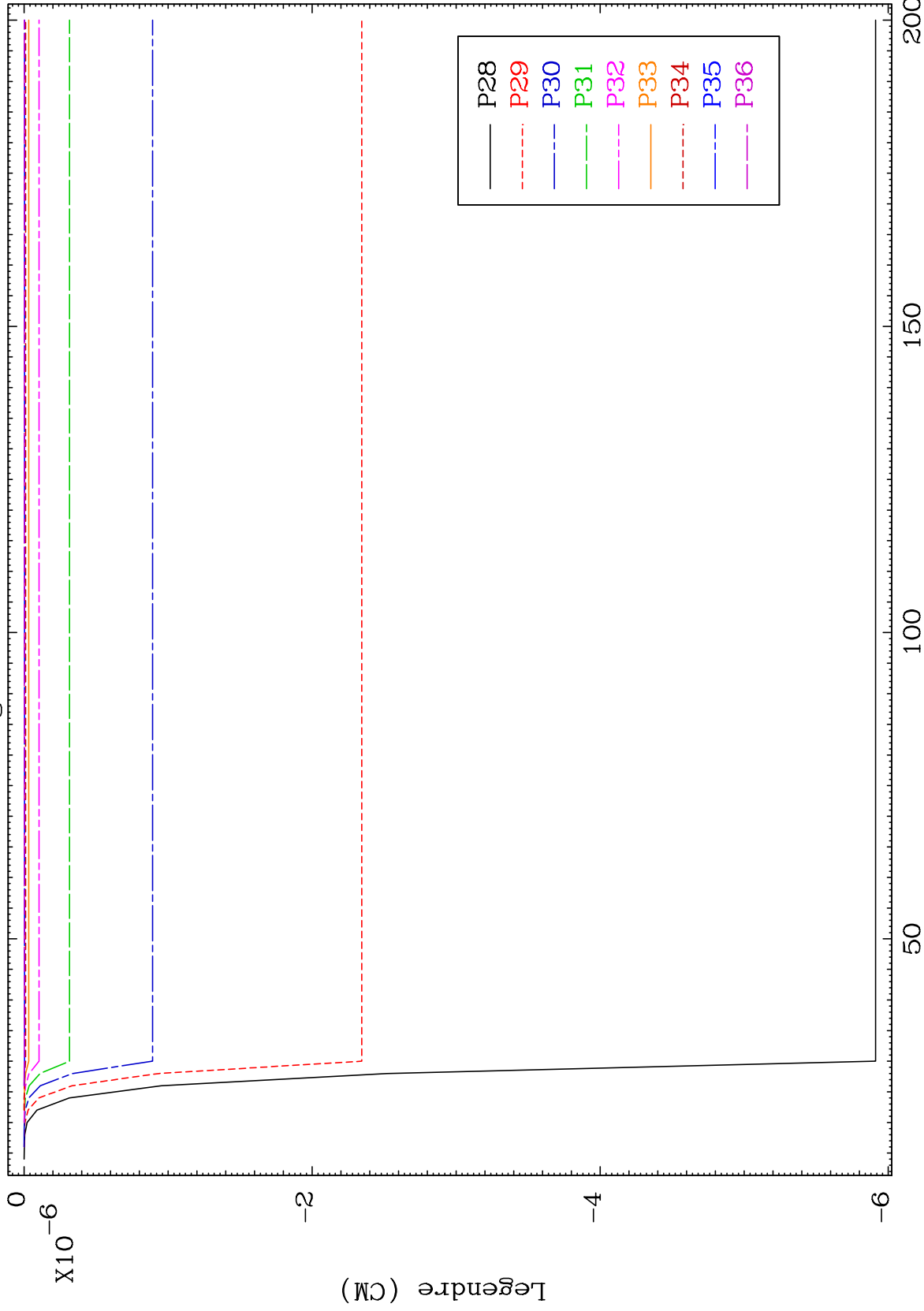
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69-Tm-172

MAT 6934

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

69-Tm-172



44

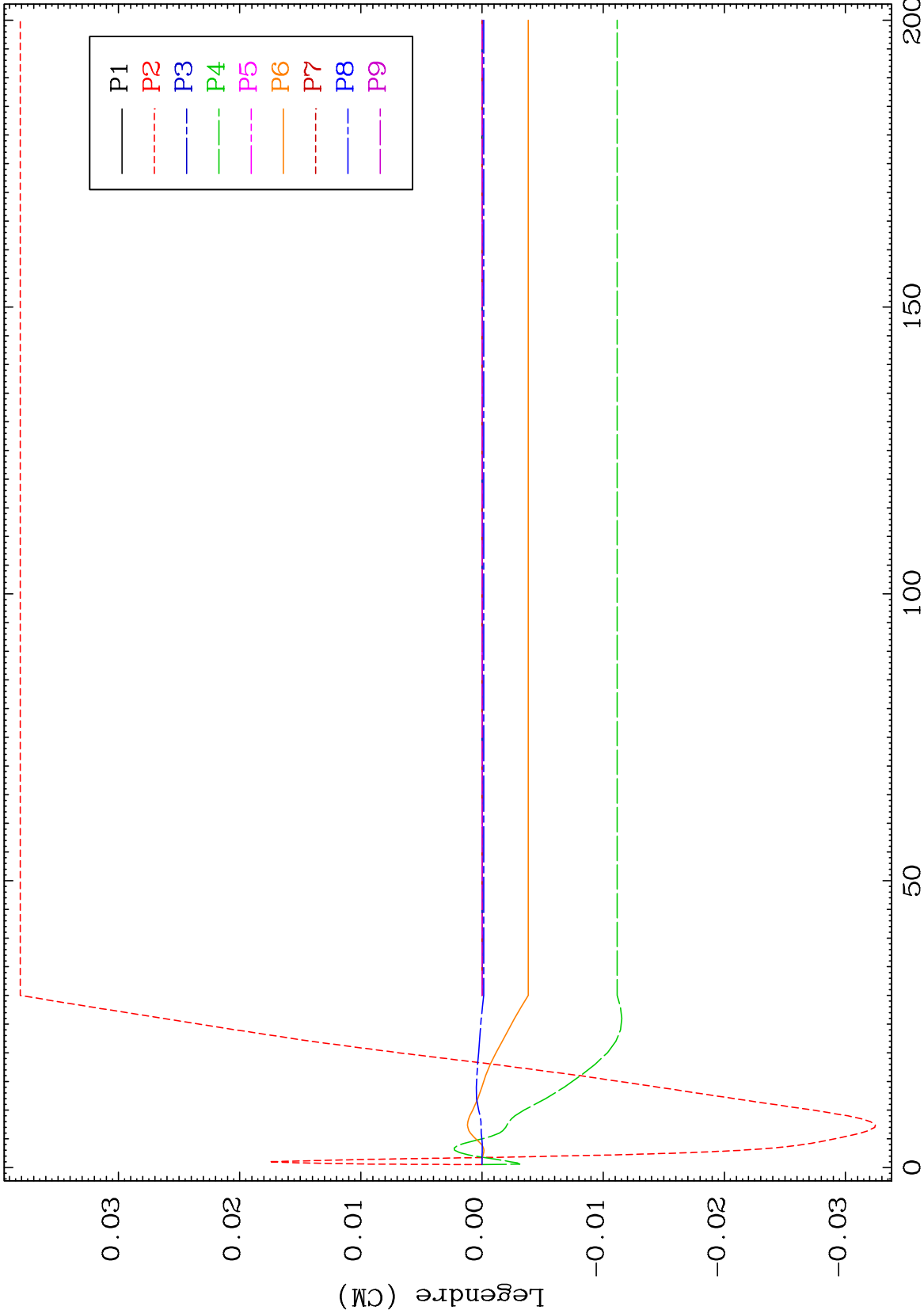
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



45

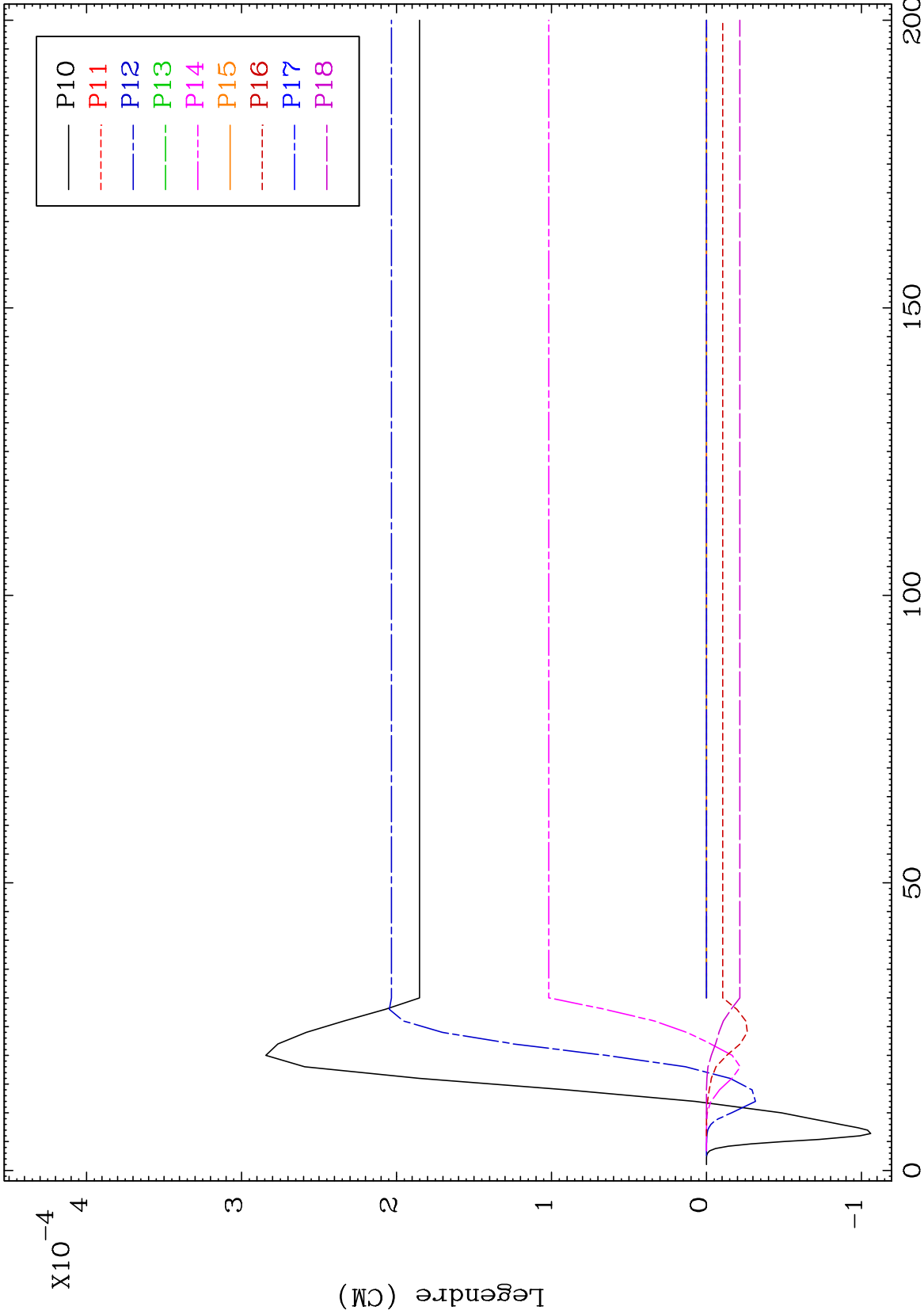
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



46

69-Tm-172

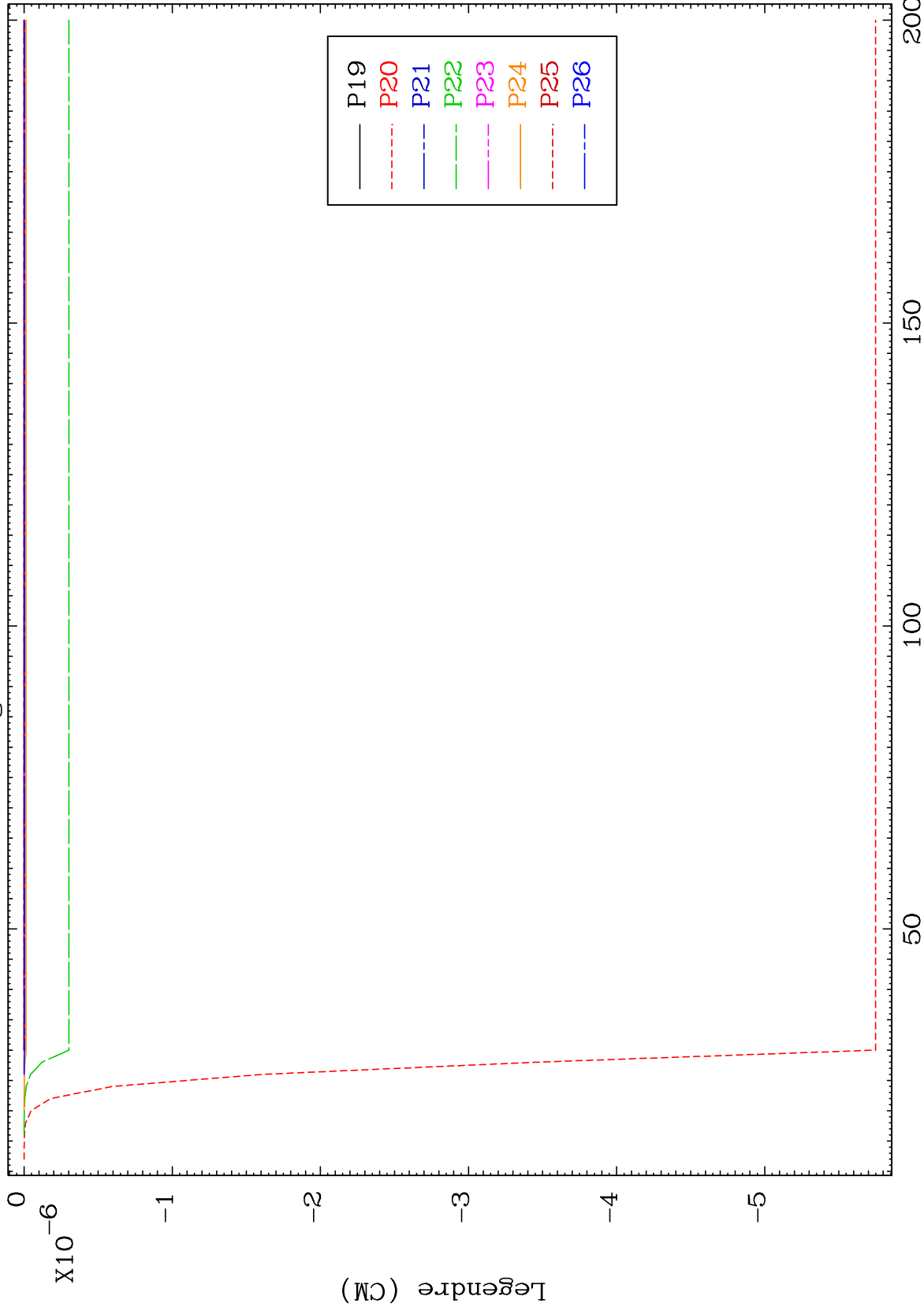
MAT 6934

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

69-Tm-172

Incident Energy (MeV)

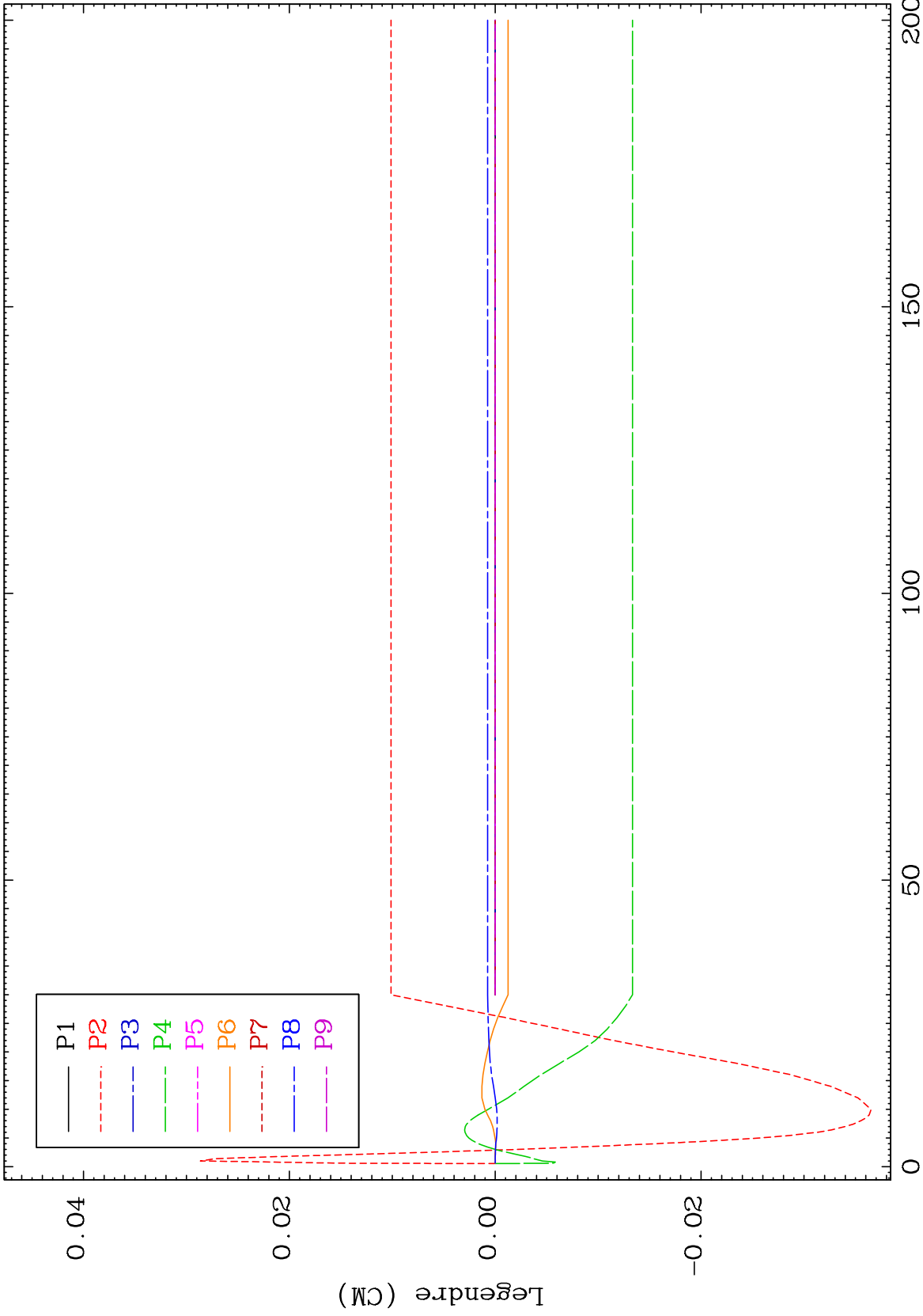
47



MAT 6934

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

69-Tm-172



48

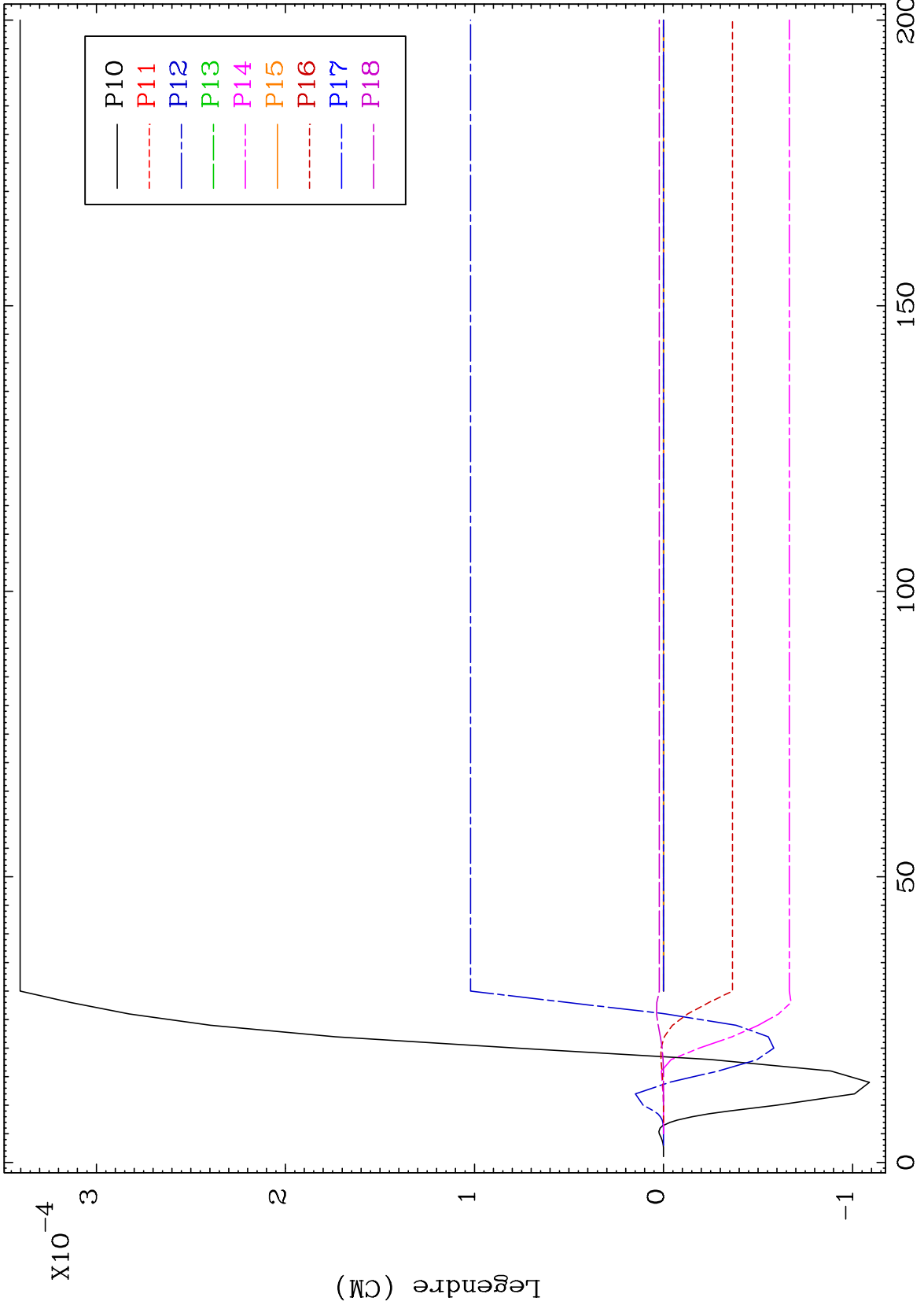
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



49

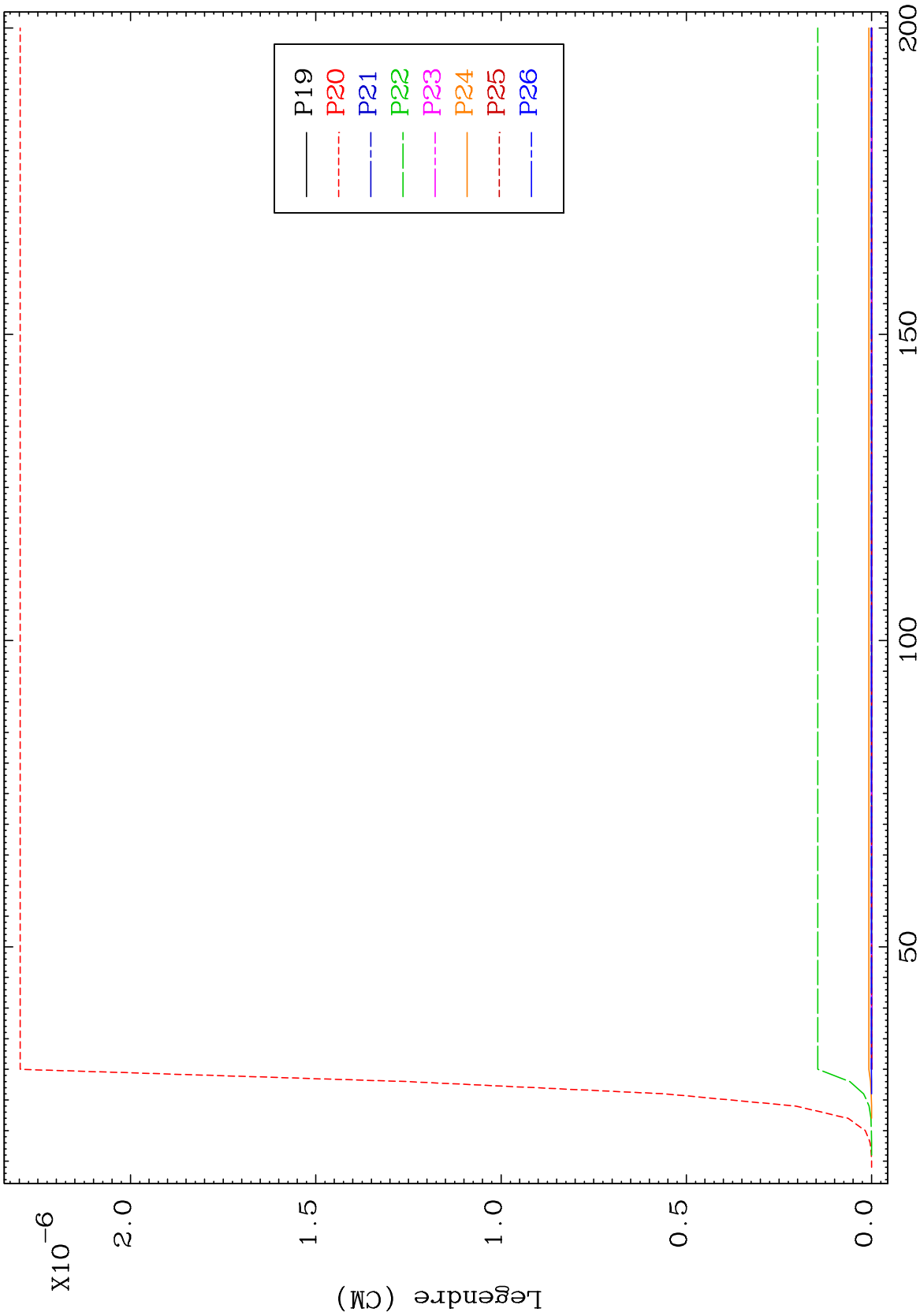
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172

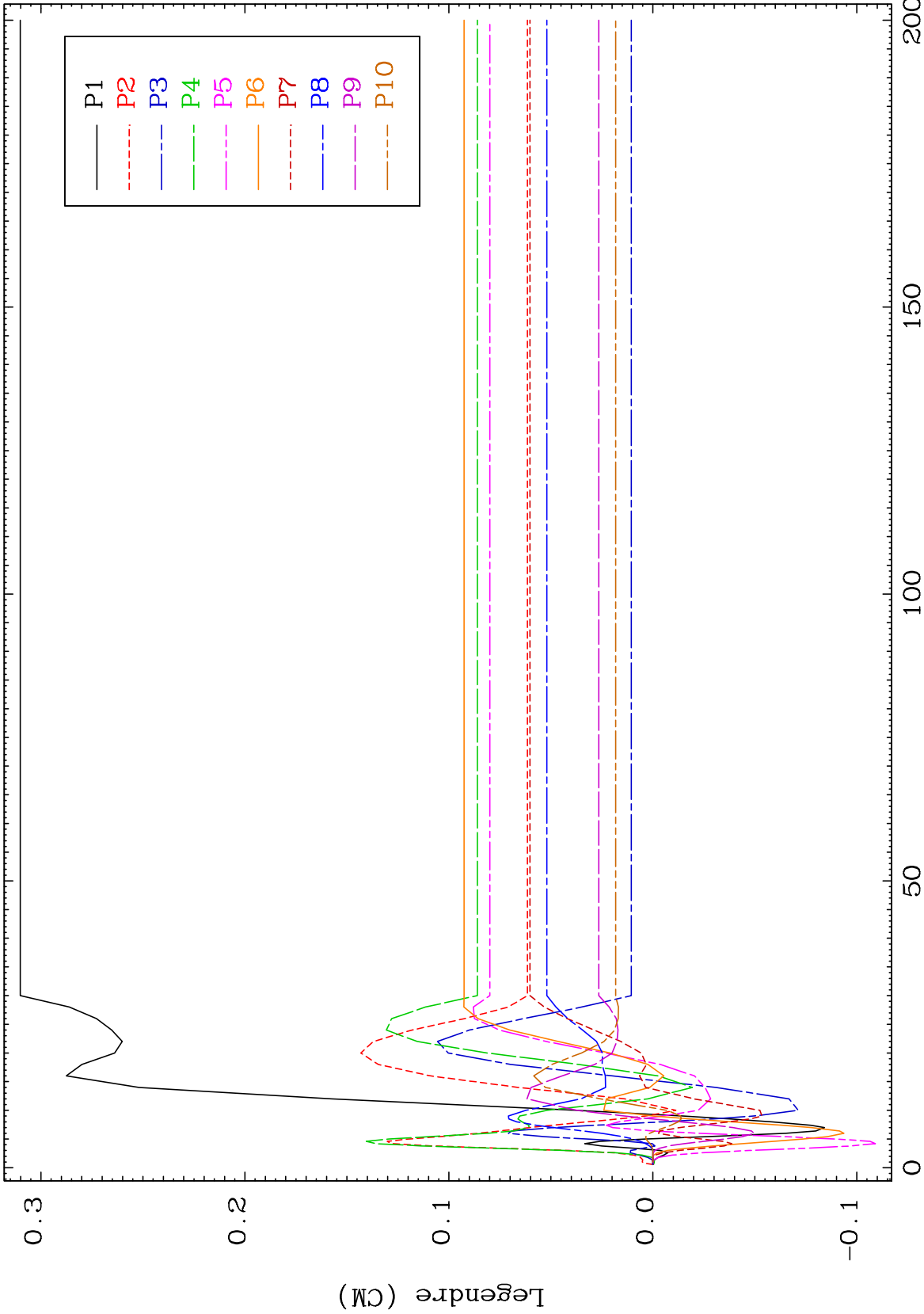


69-Tm-172

MAT 6934

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

69-Tm-172



51

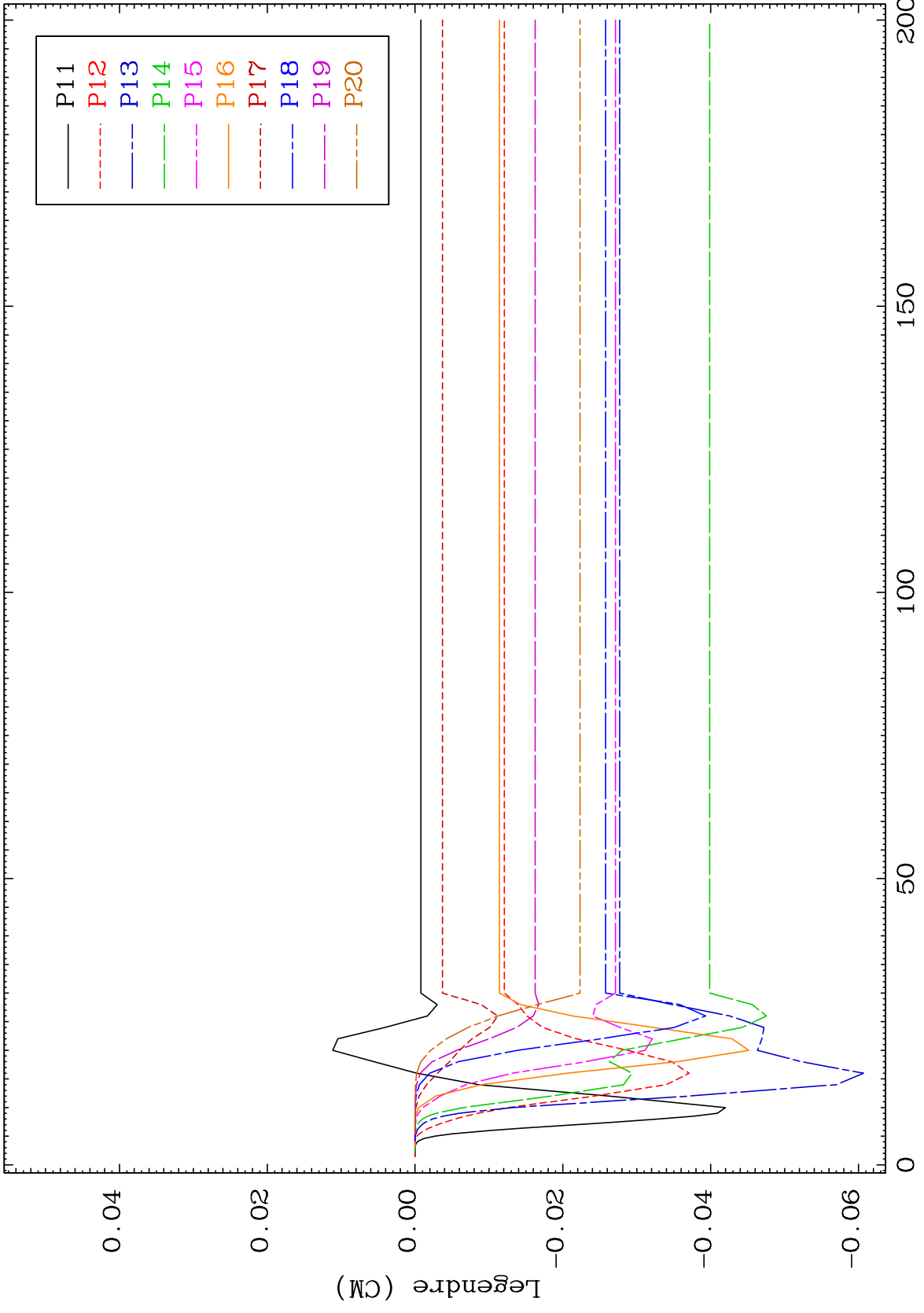
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



52

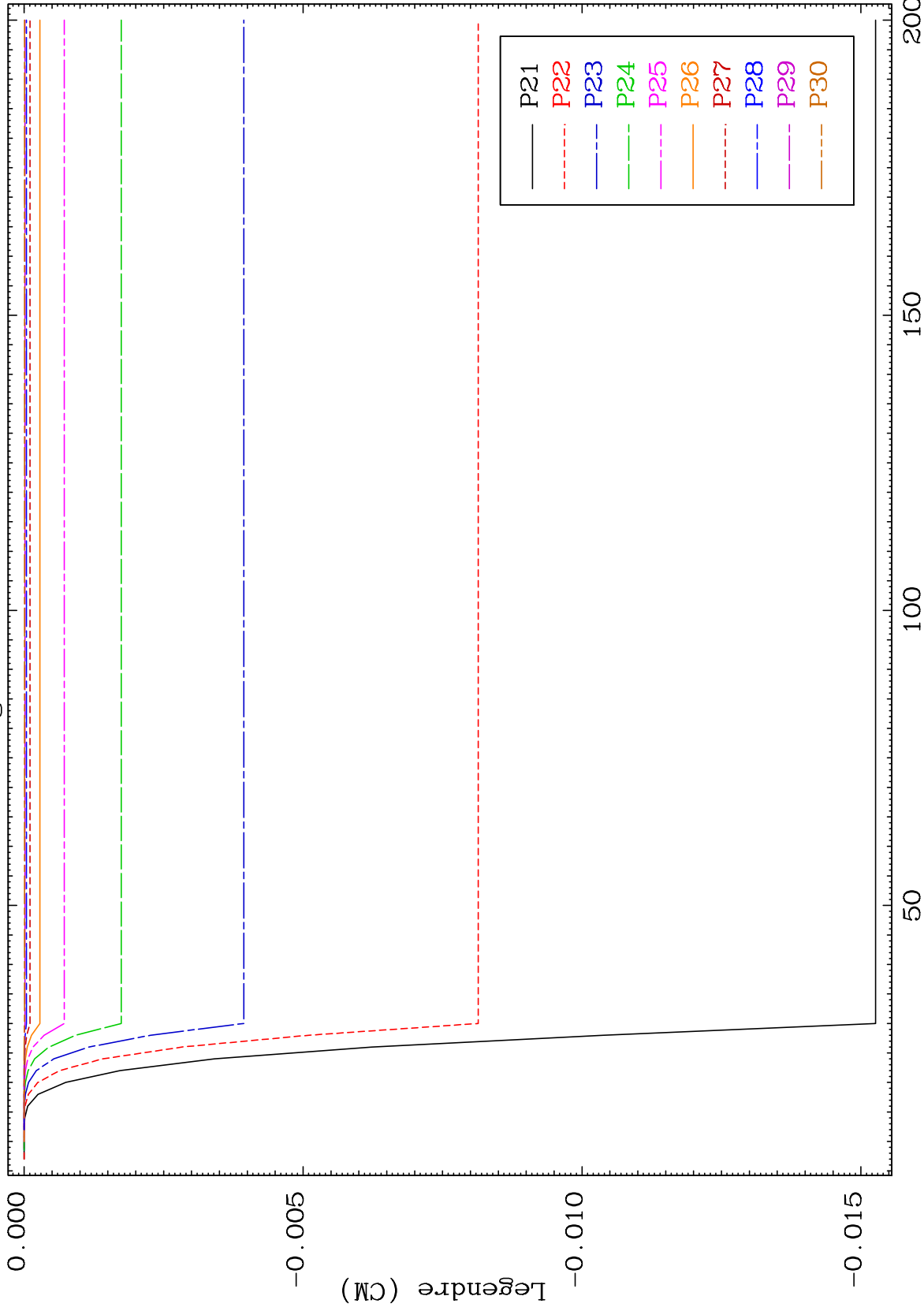
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



69-Tm-172

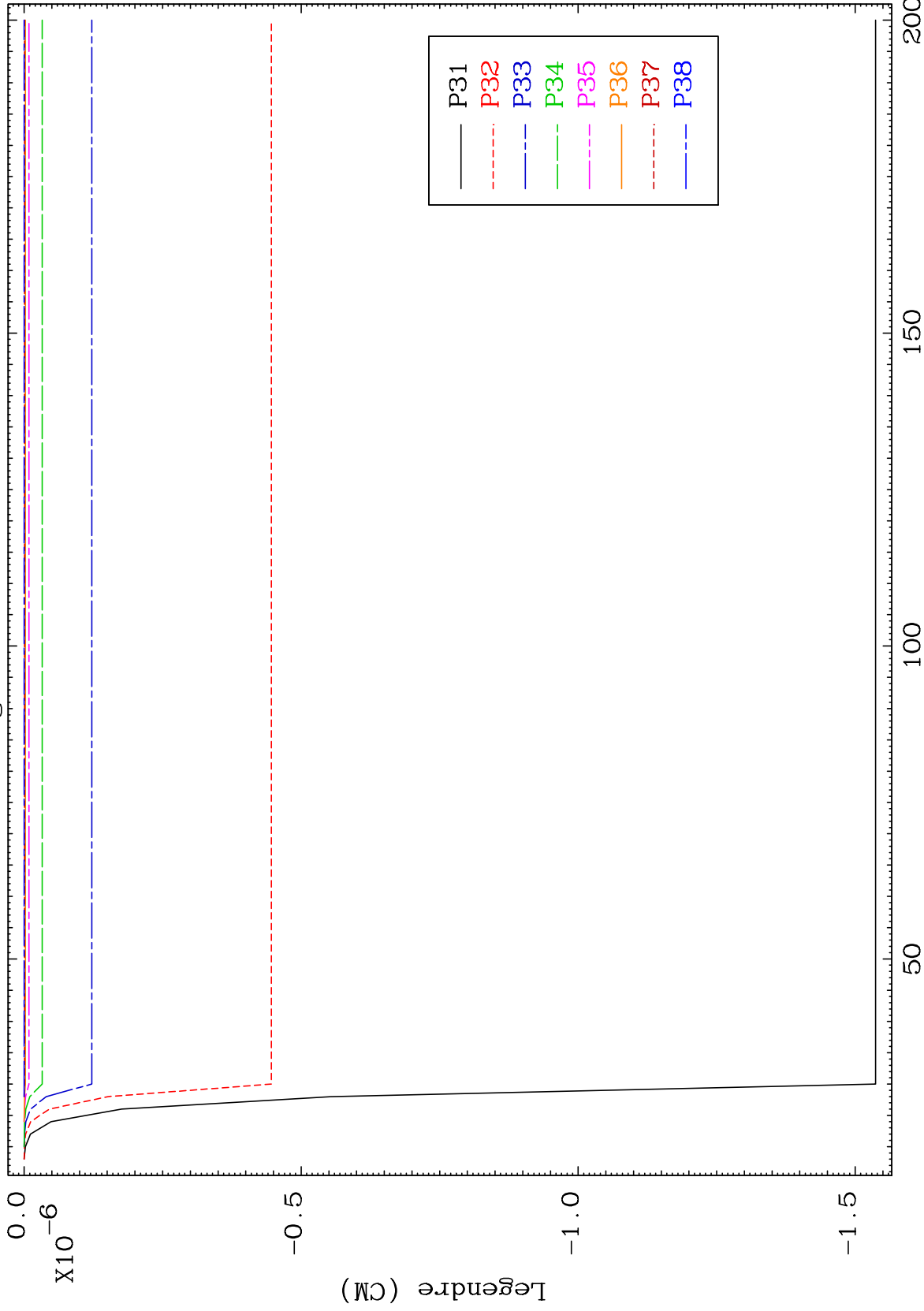
Incident Energy (MeV)

53

MAT 6934

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

69-Tm-172

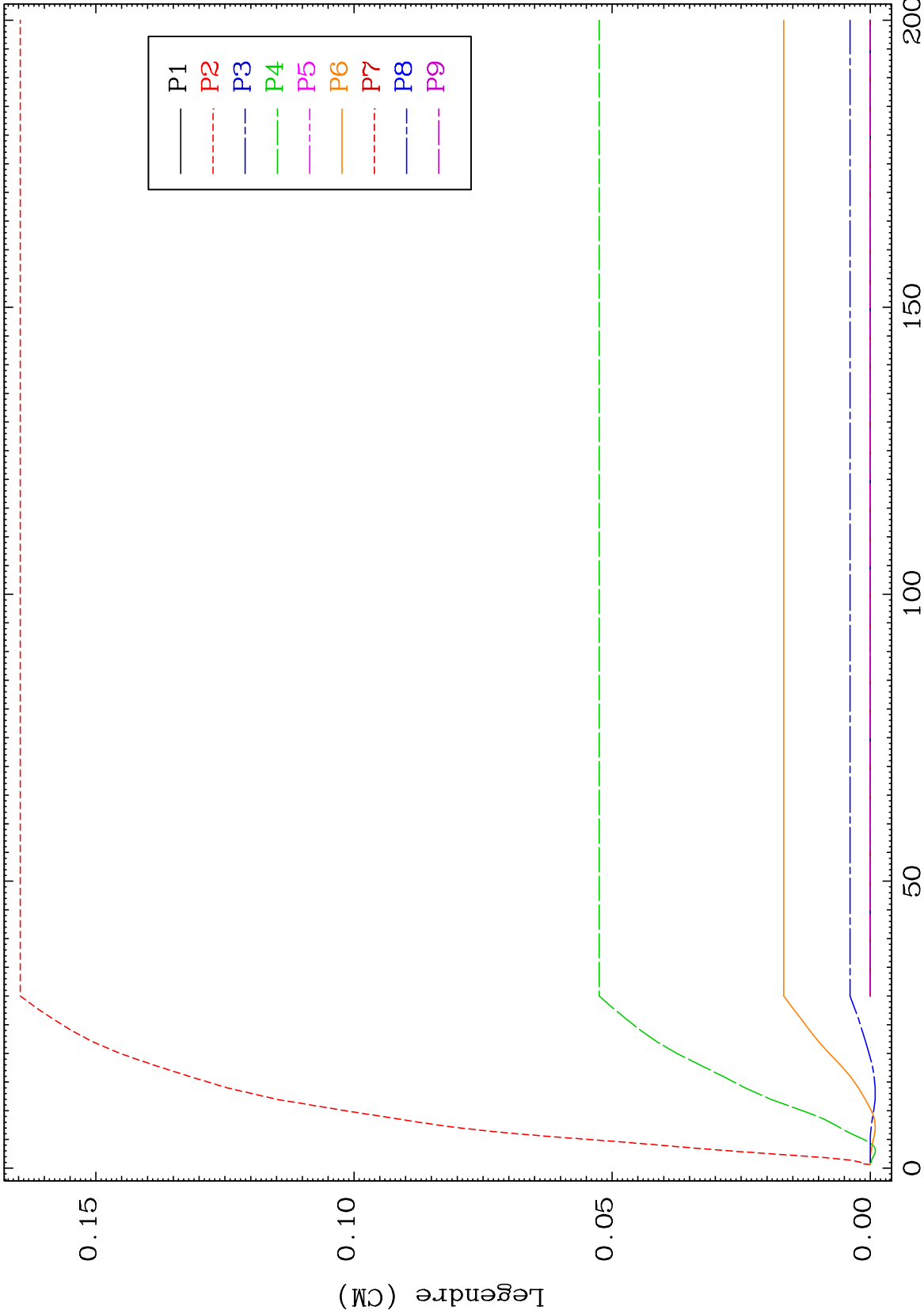


54

MAT 6934

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

69-Tm-172



55

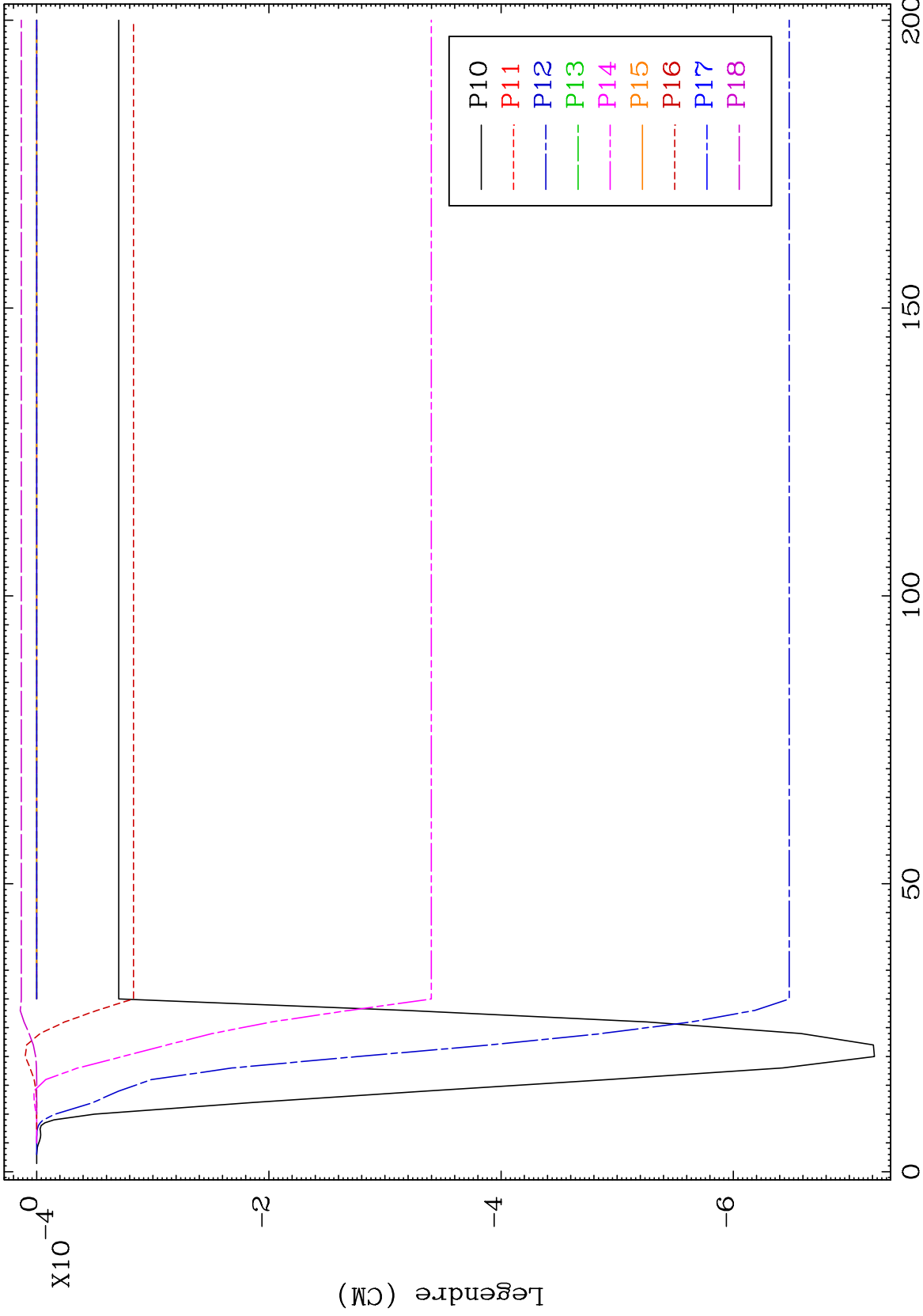
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



56

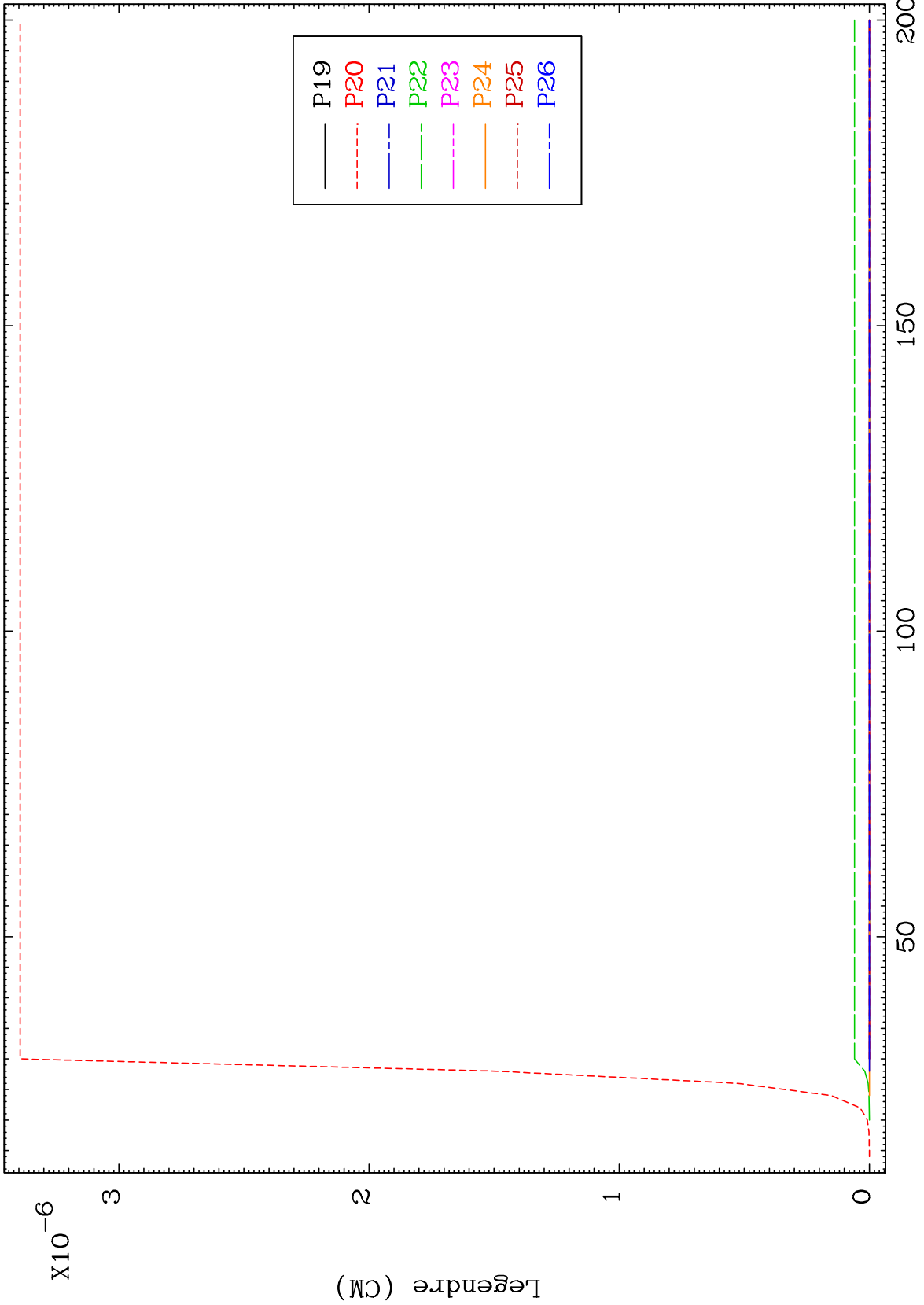
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



57

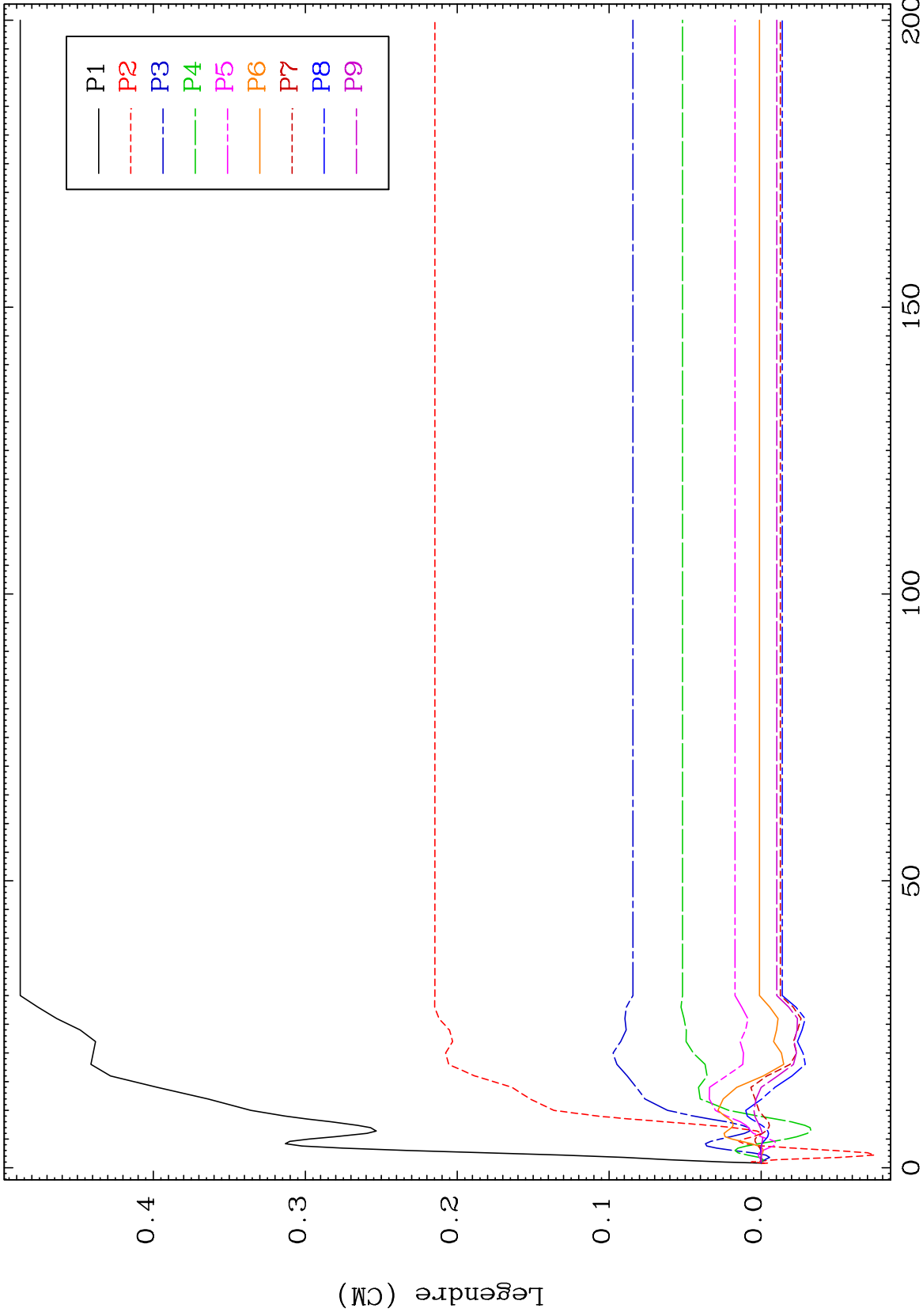
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



58

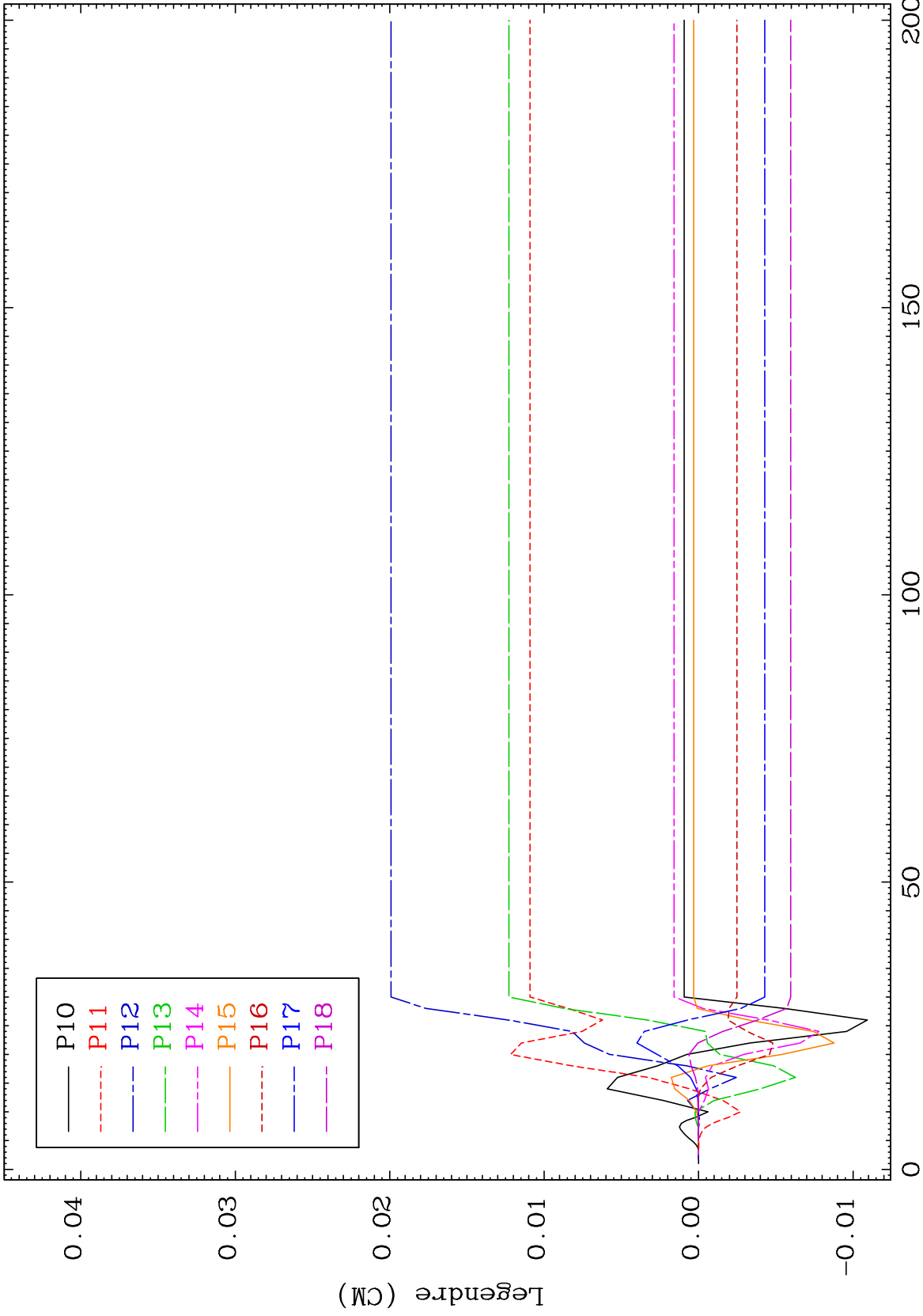
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



59

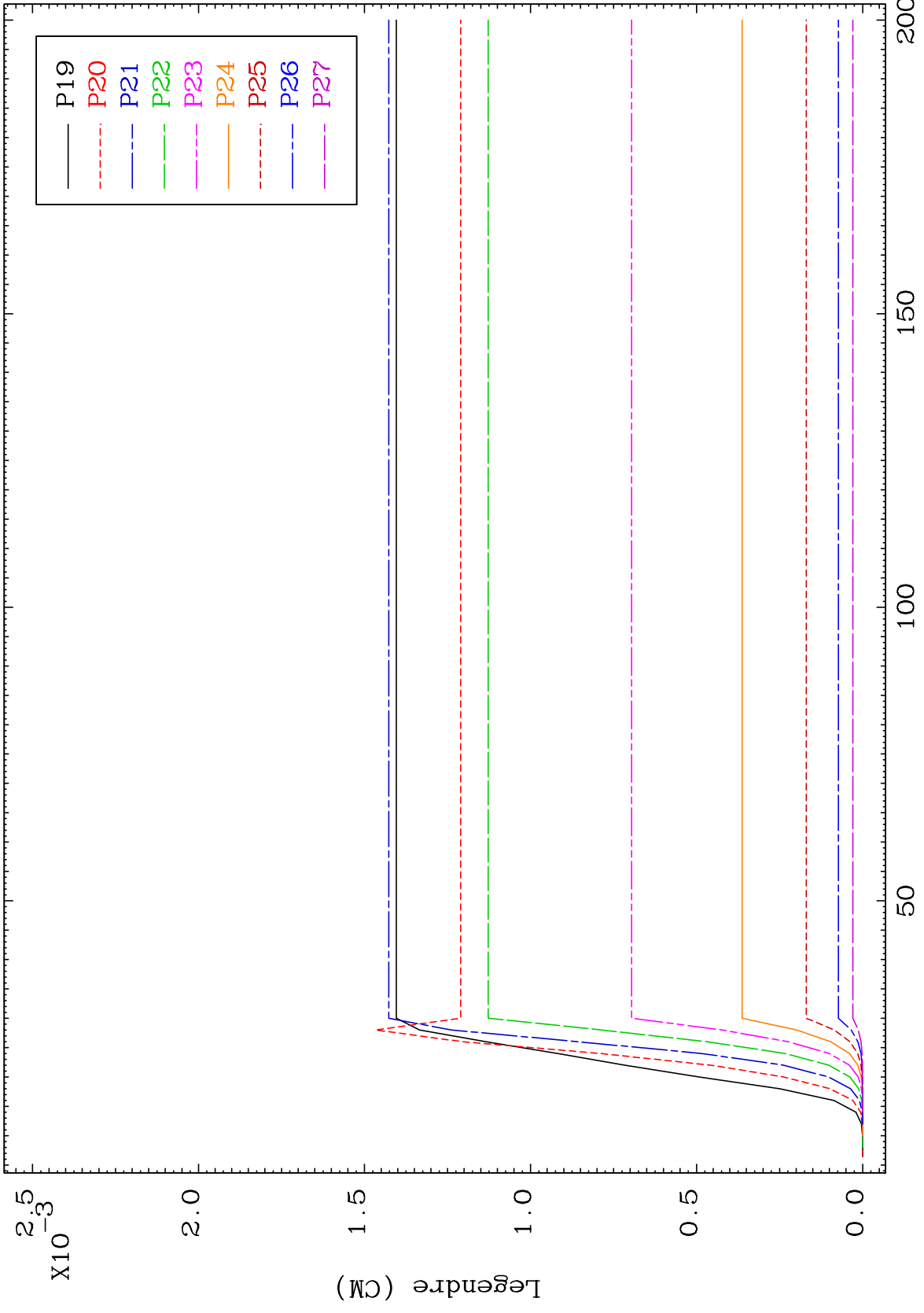
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



60

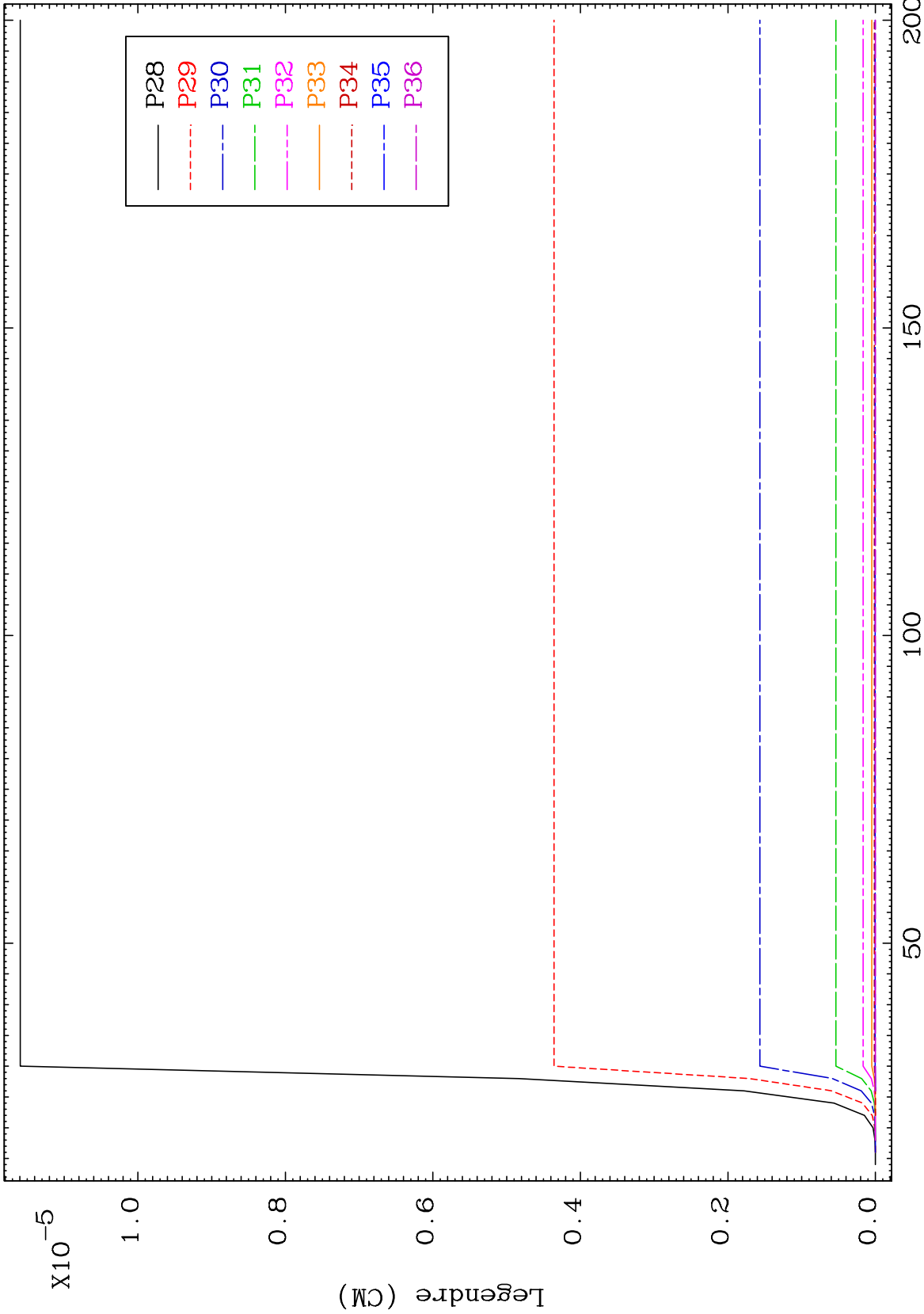
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



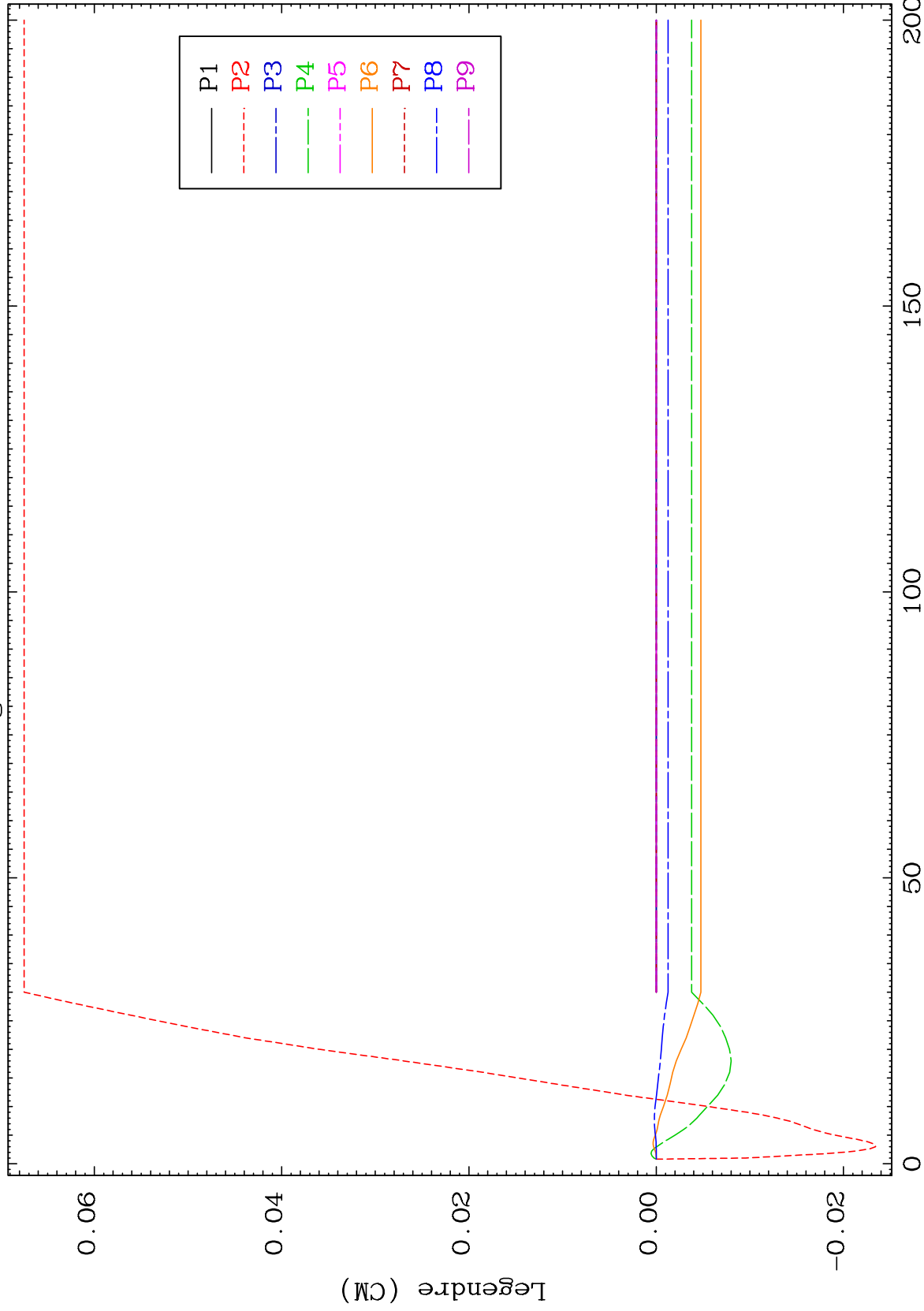
61

69-Tm-172

MAT 6934

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

69-Tm-172



62

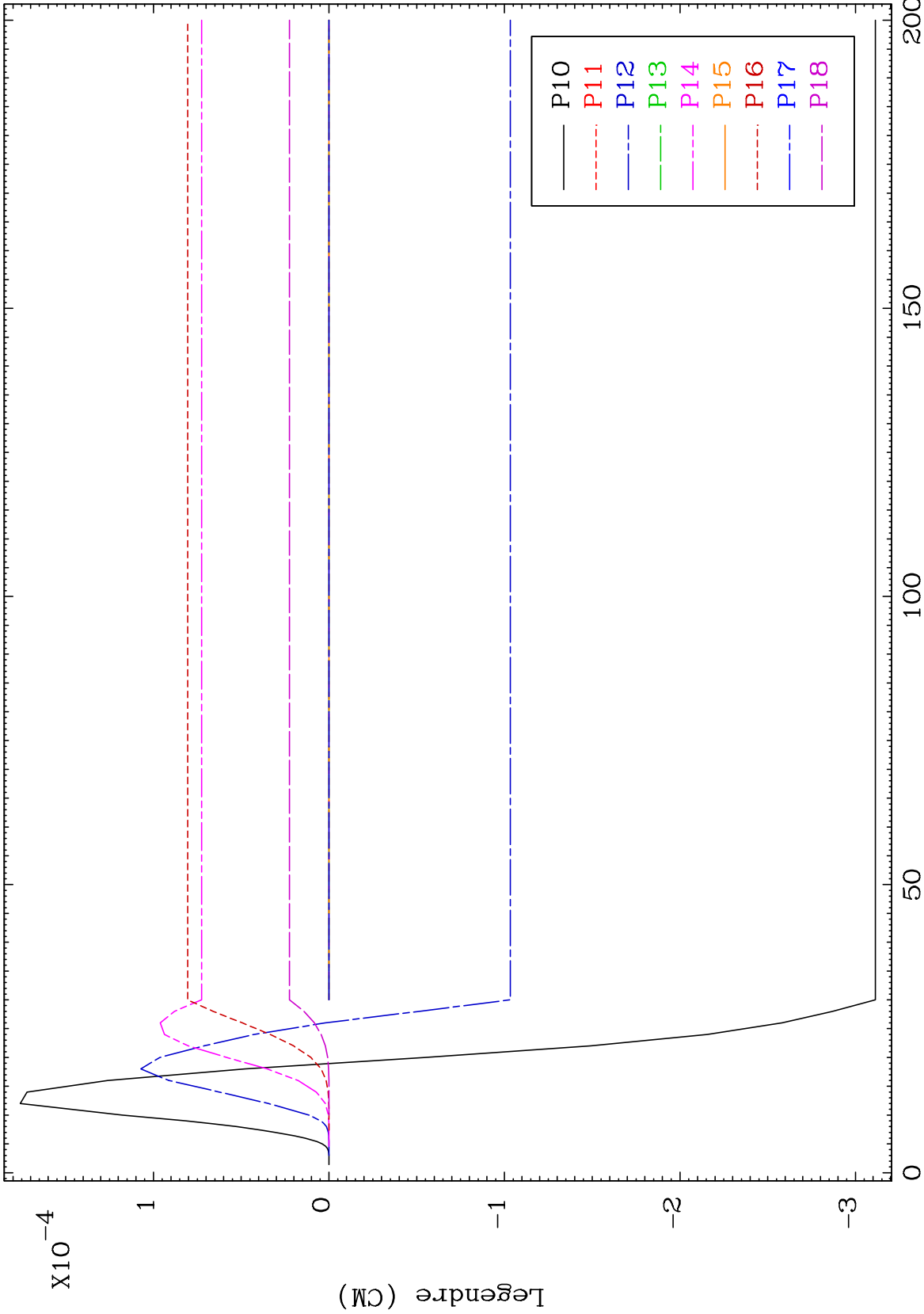
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



63

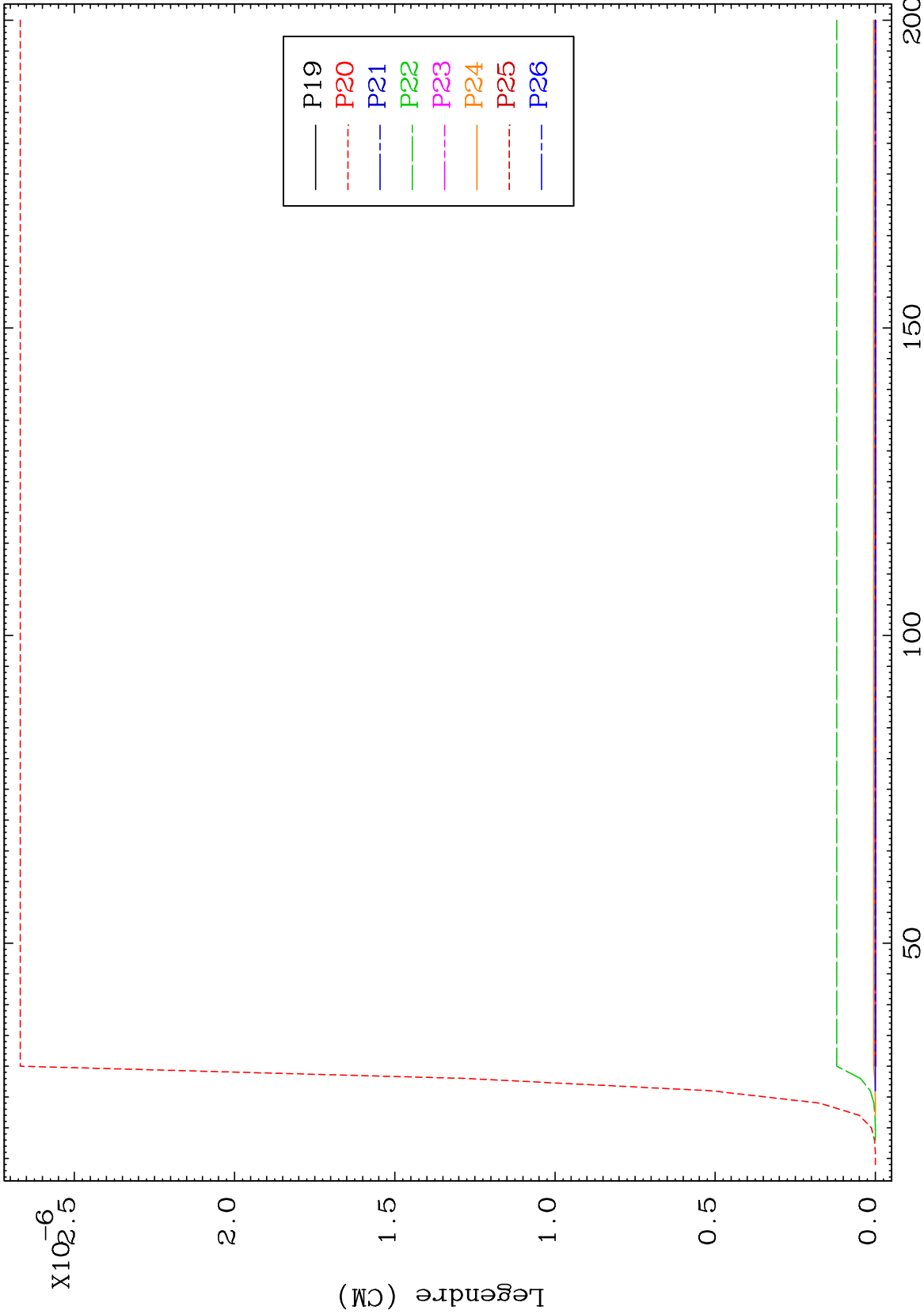
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



64

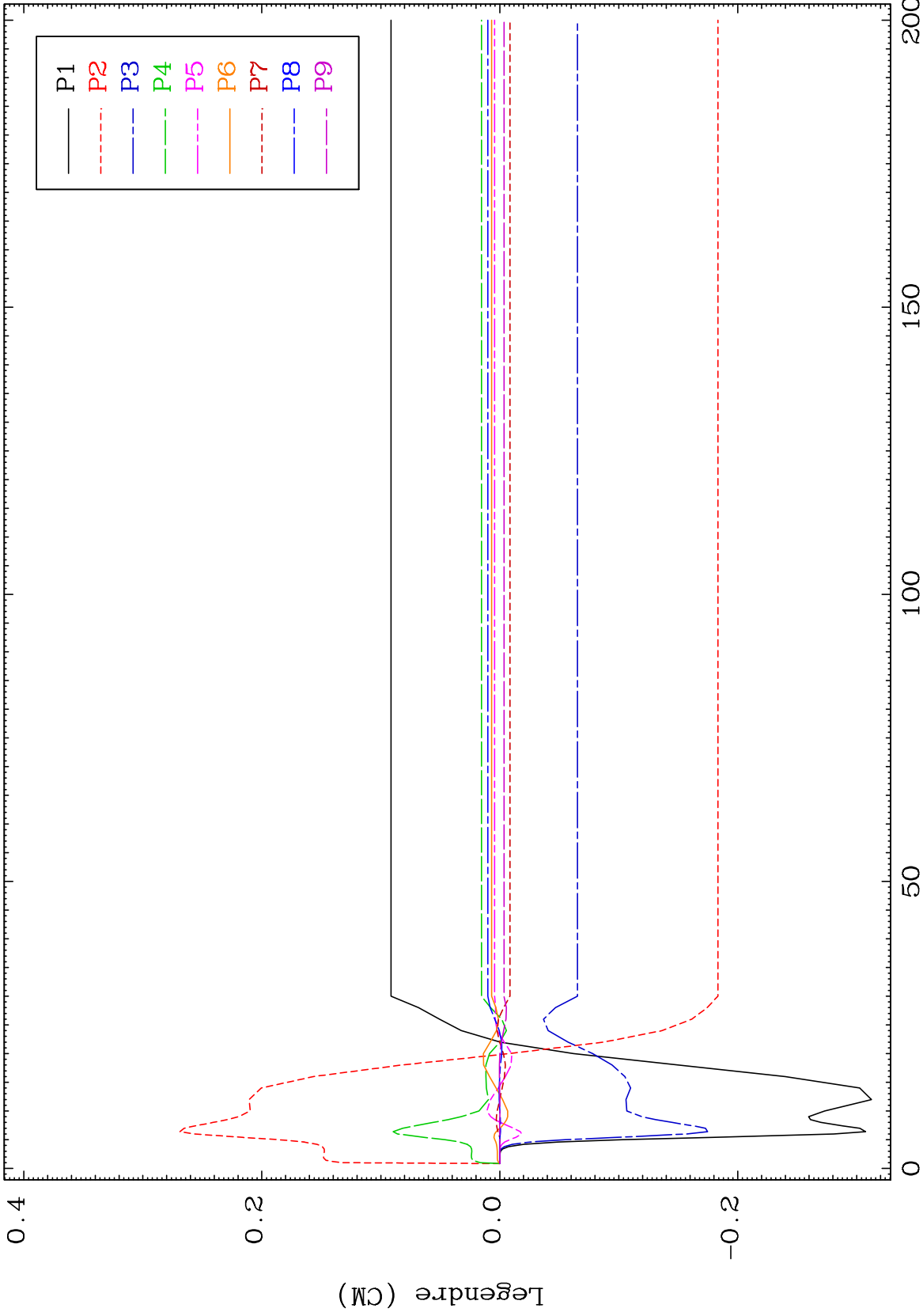
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



65

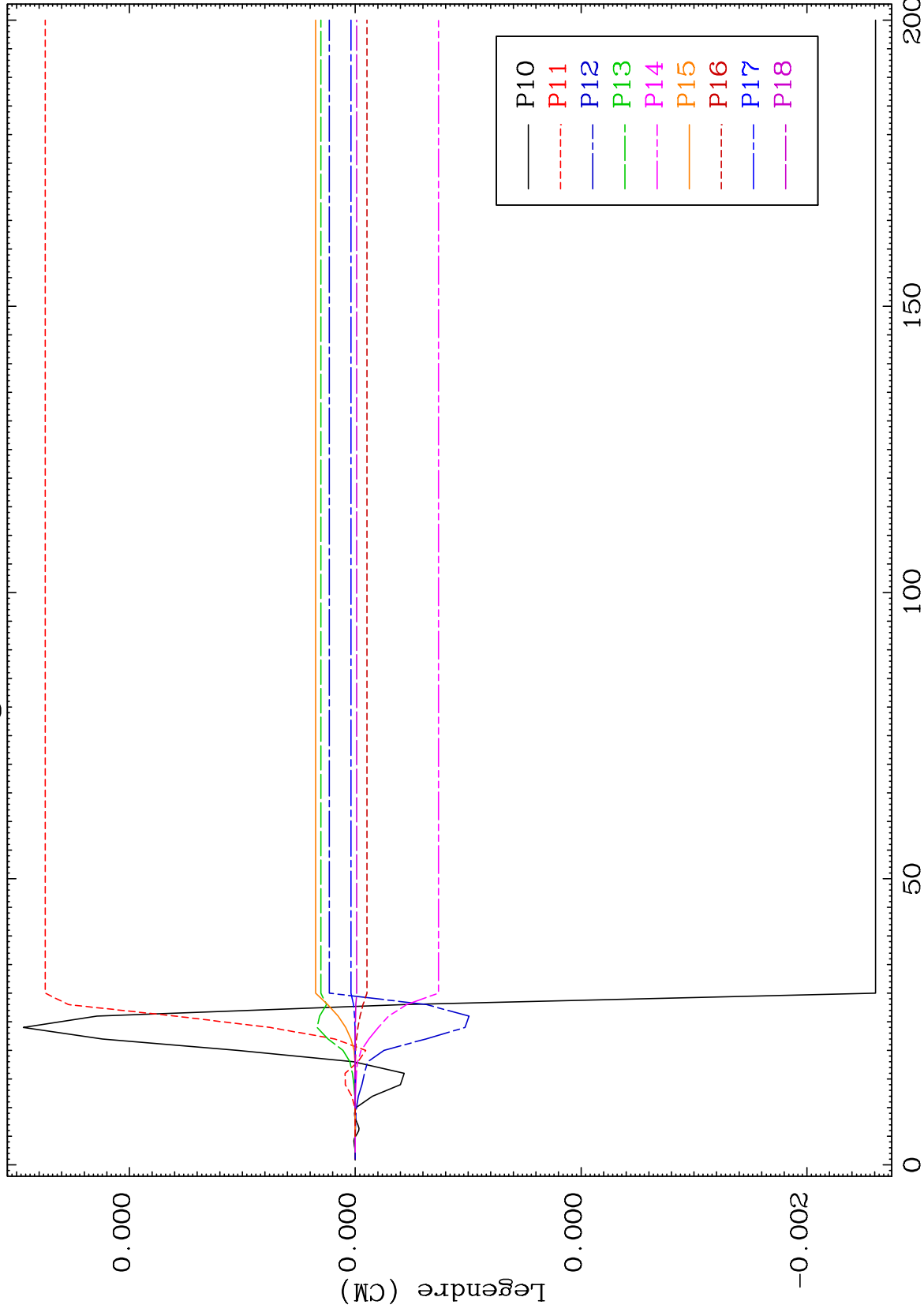
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



66

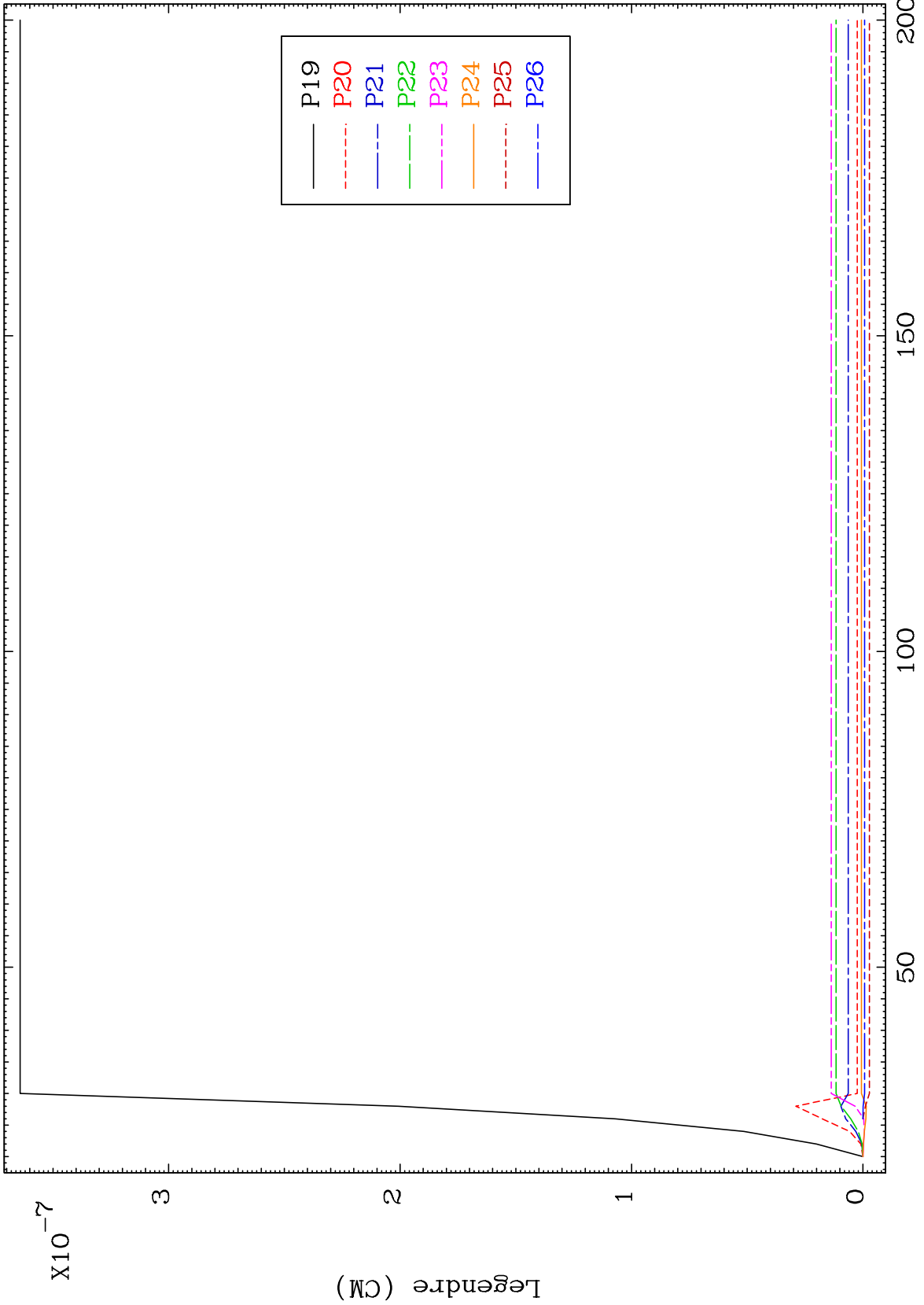
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



67

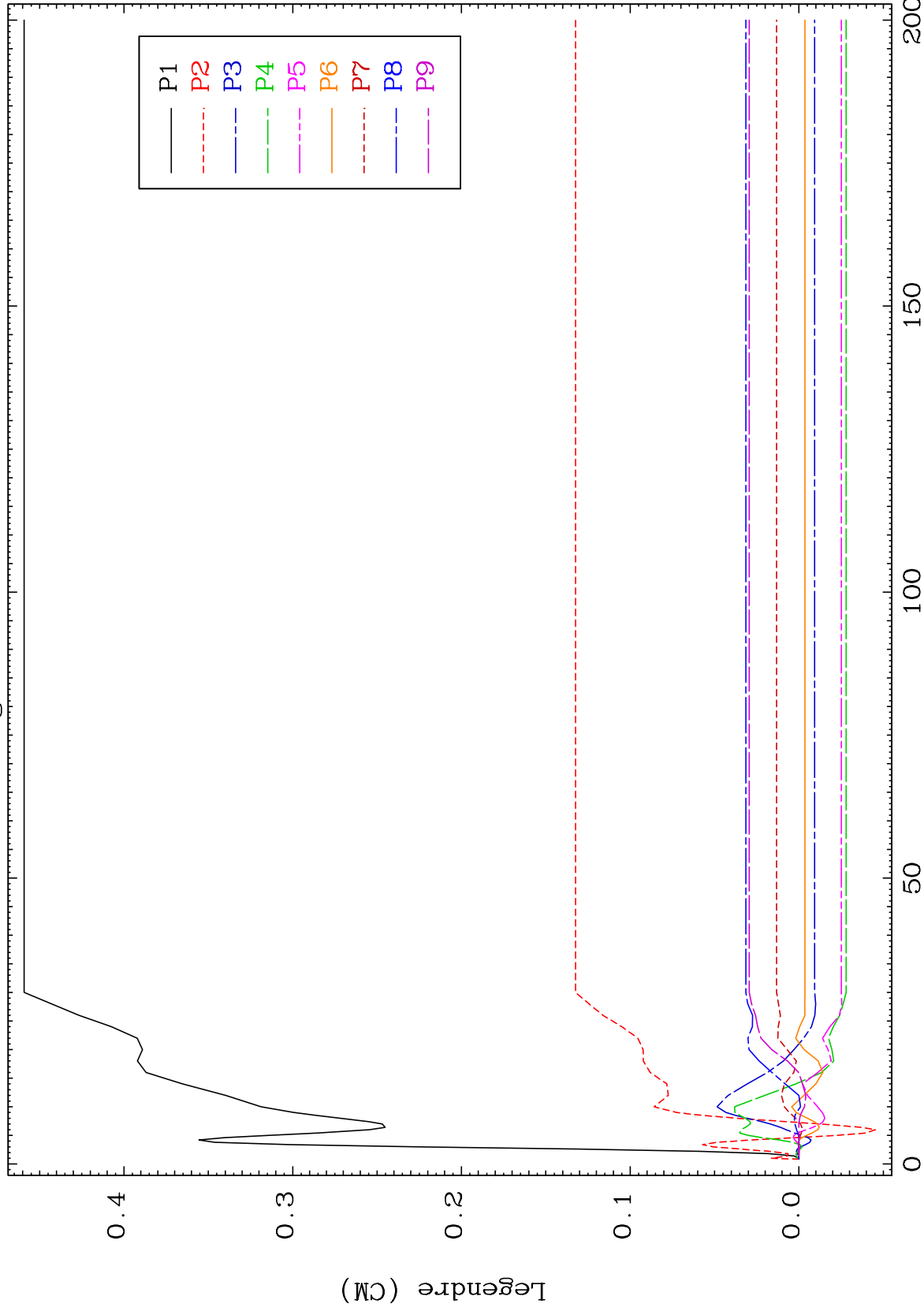
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



68

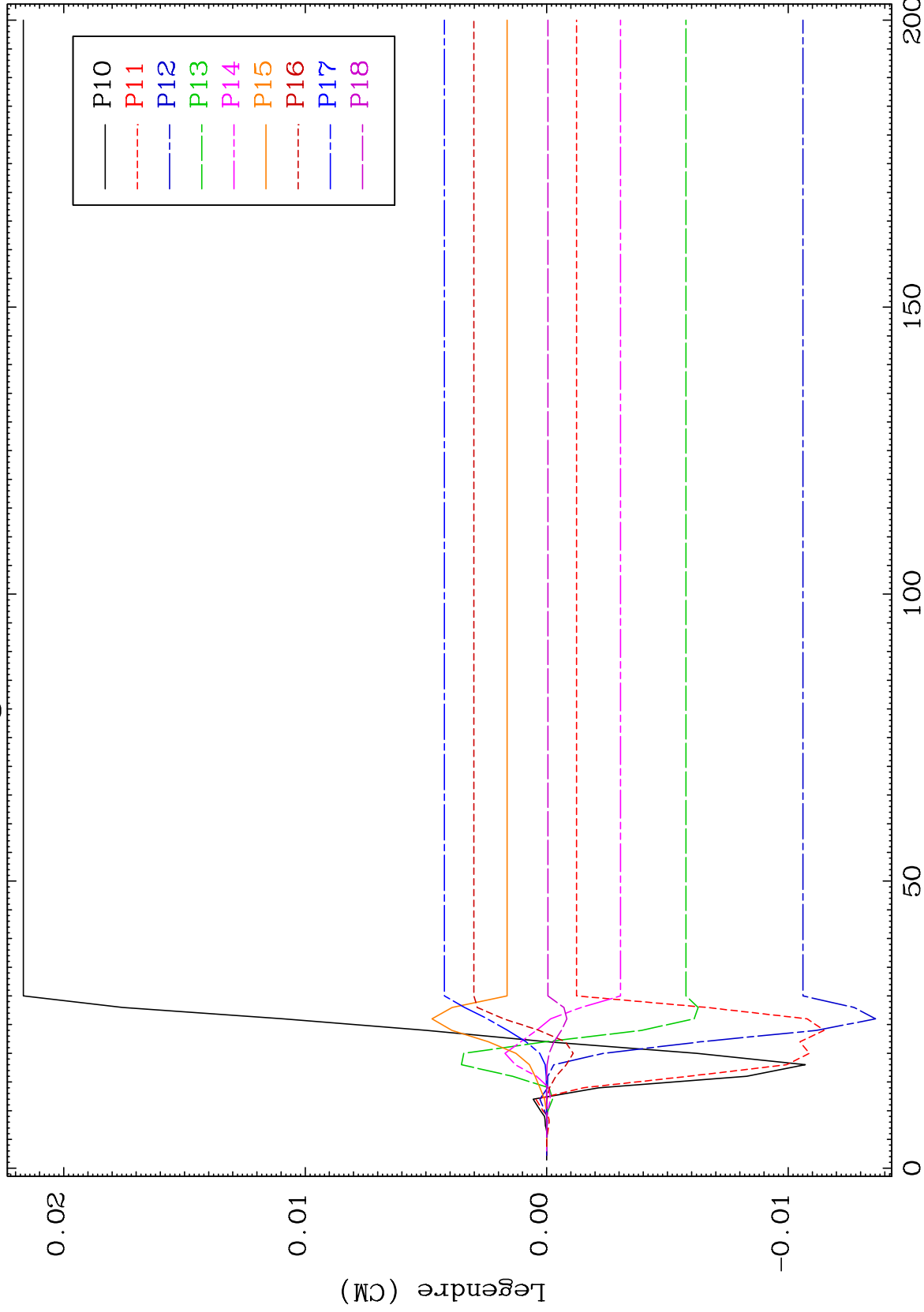
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



69

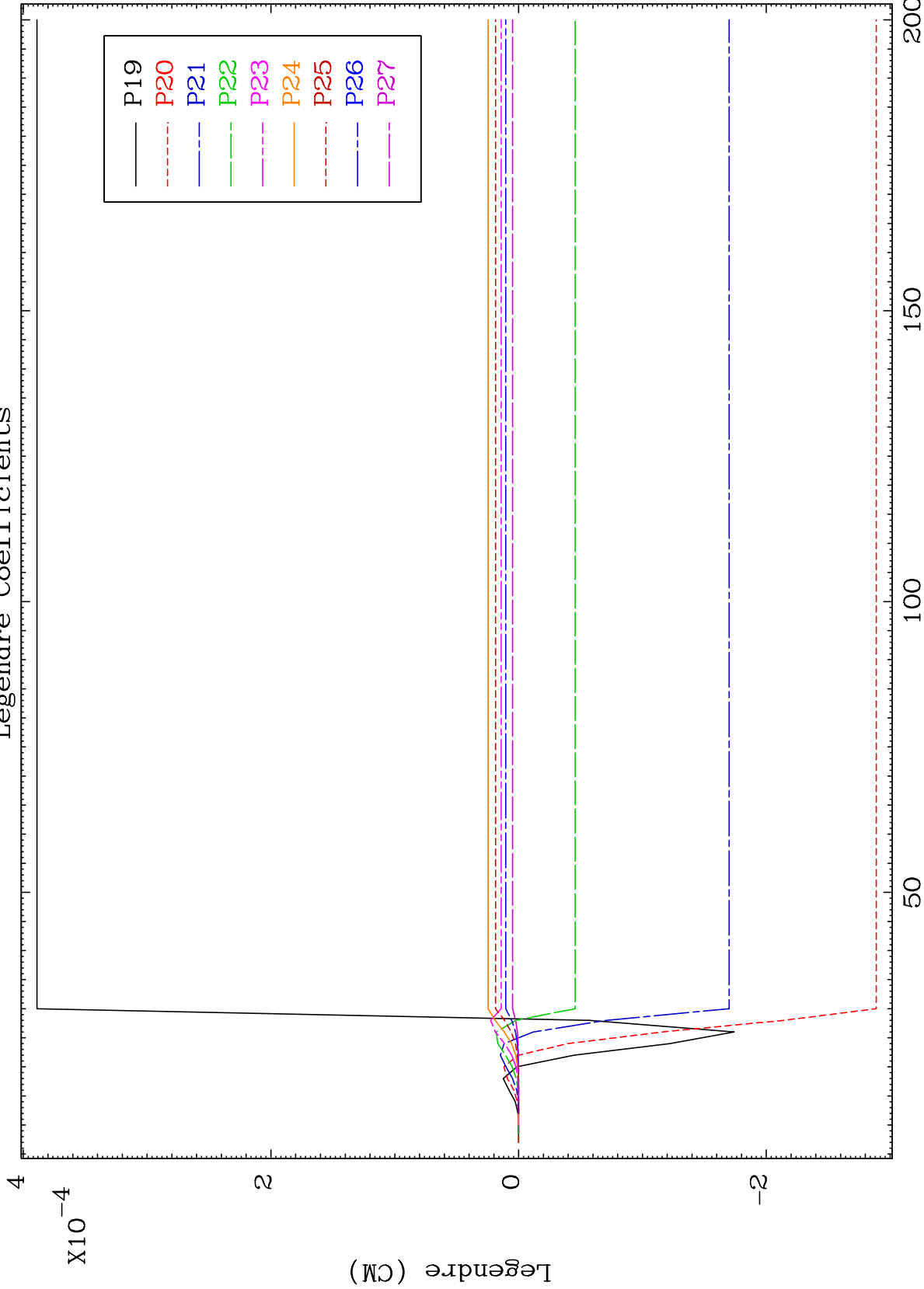
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



70

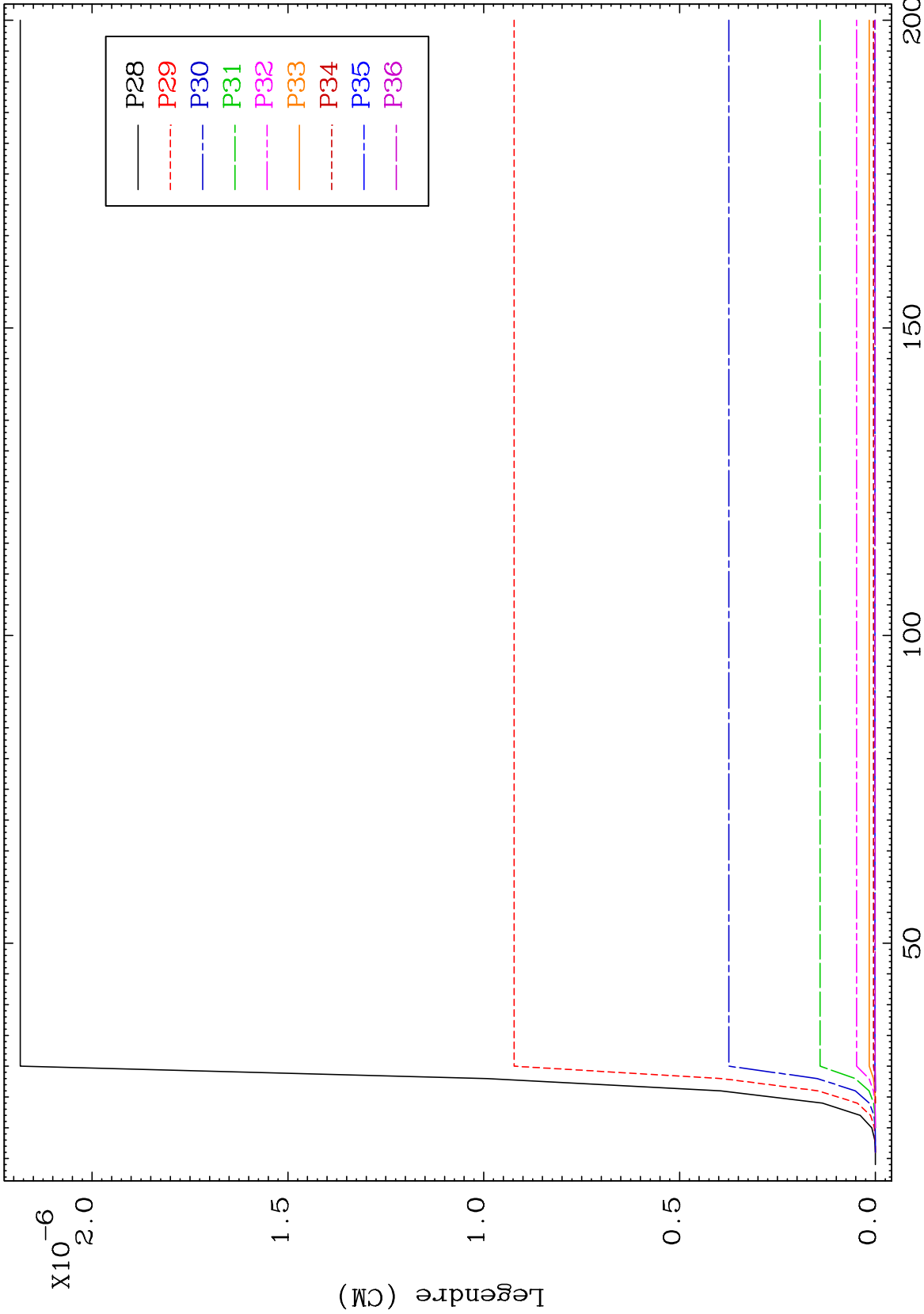
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



71

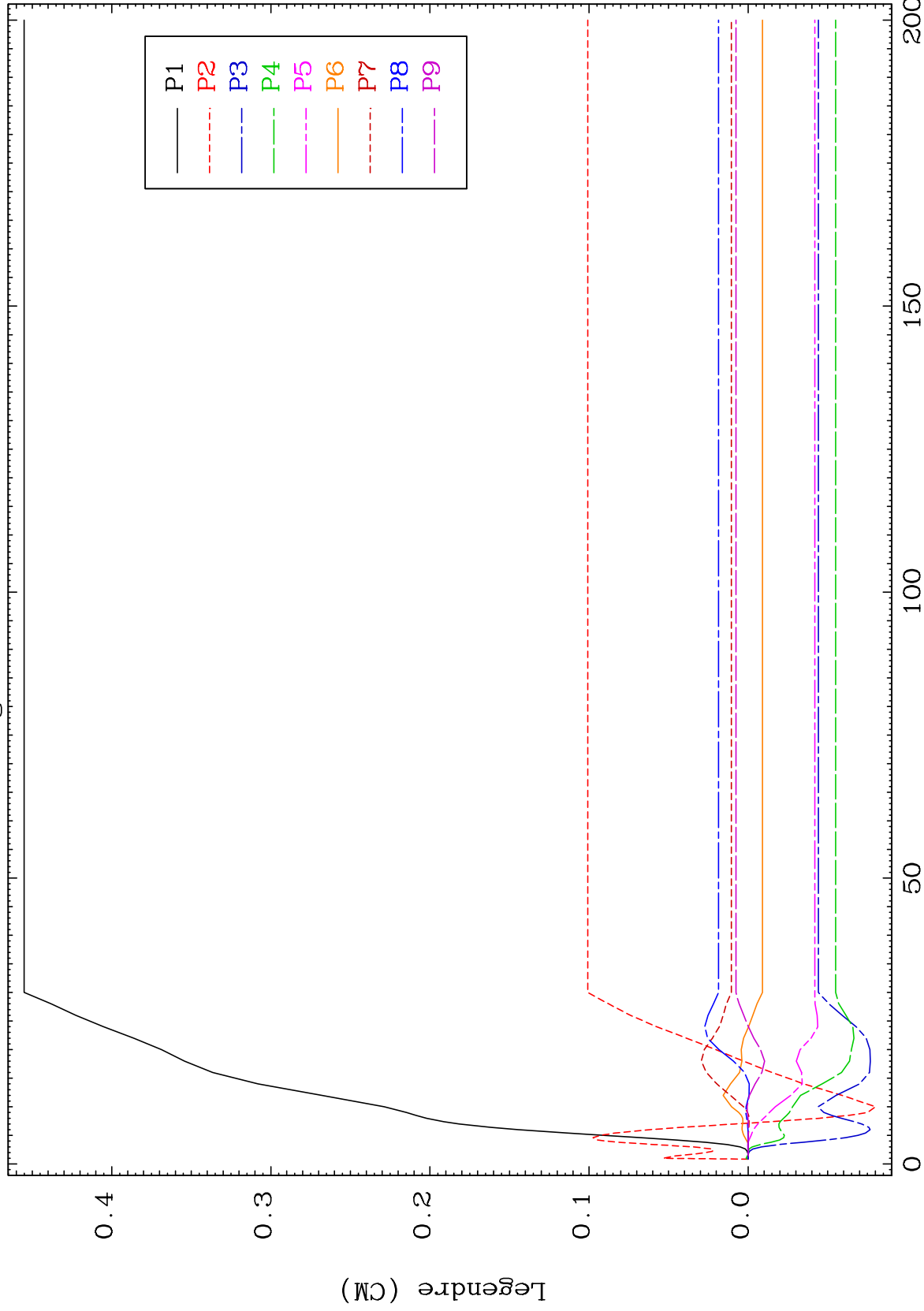
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



72

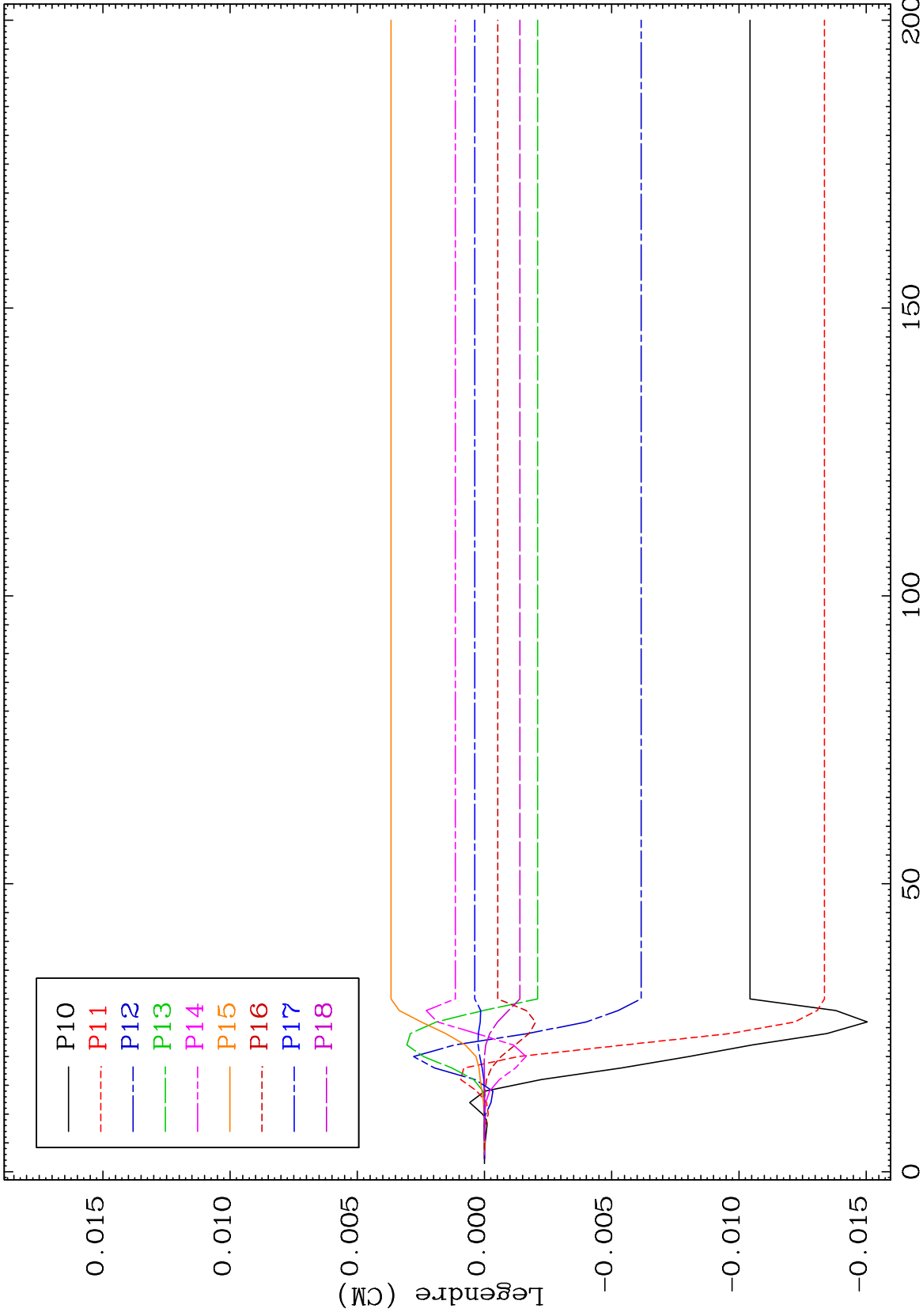
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



73

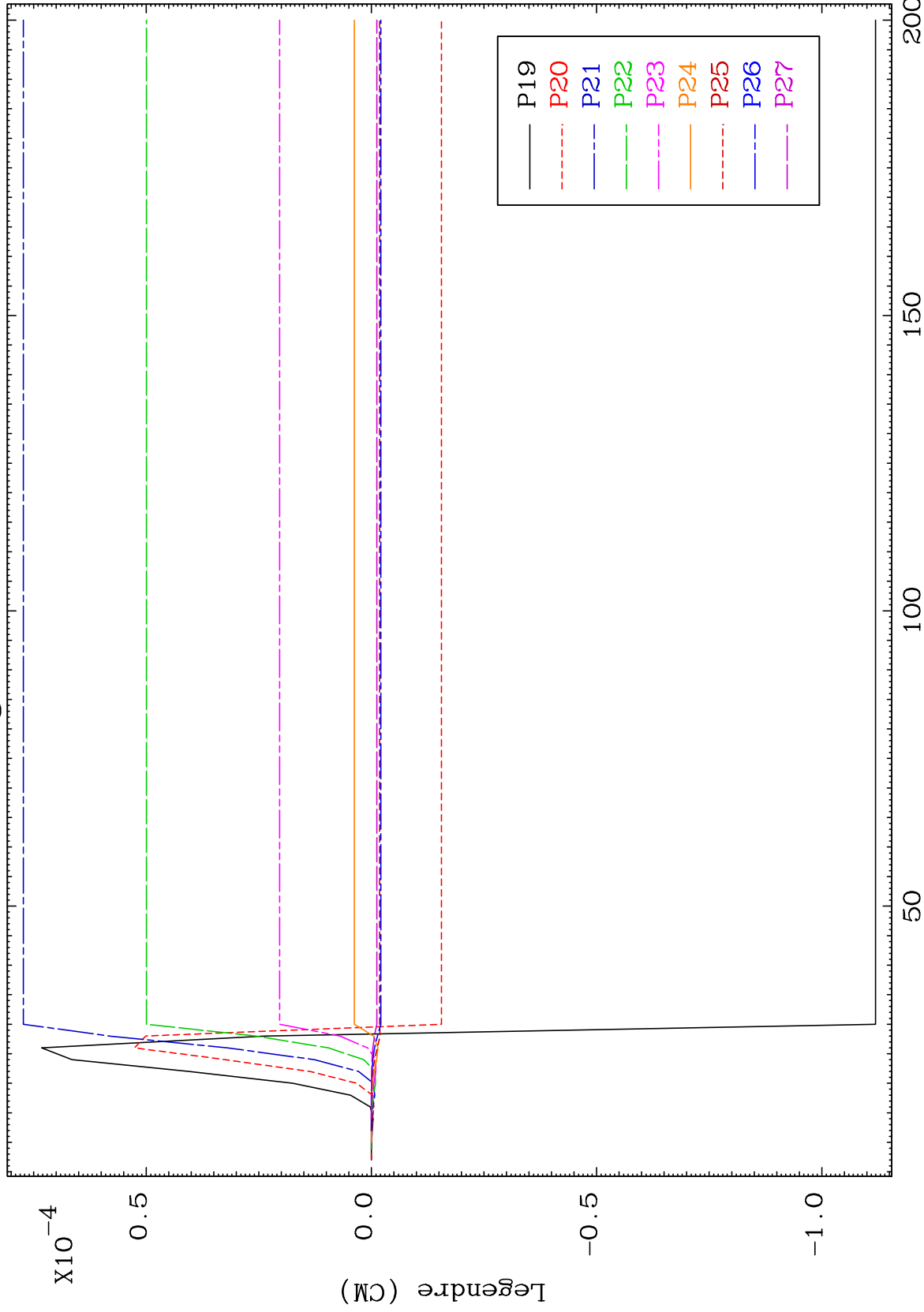
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



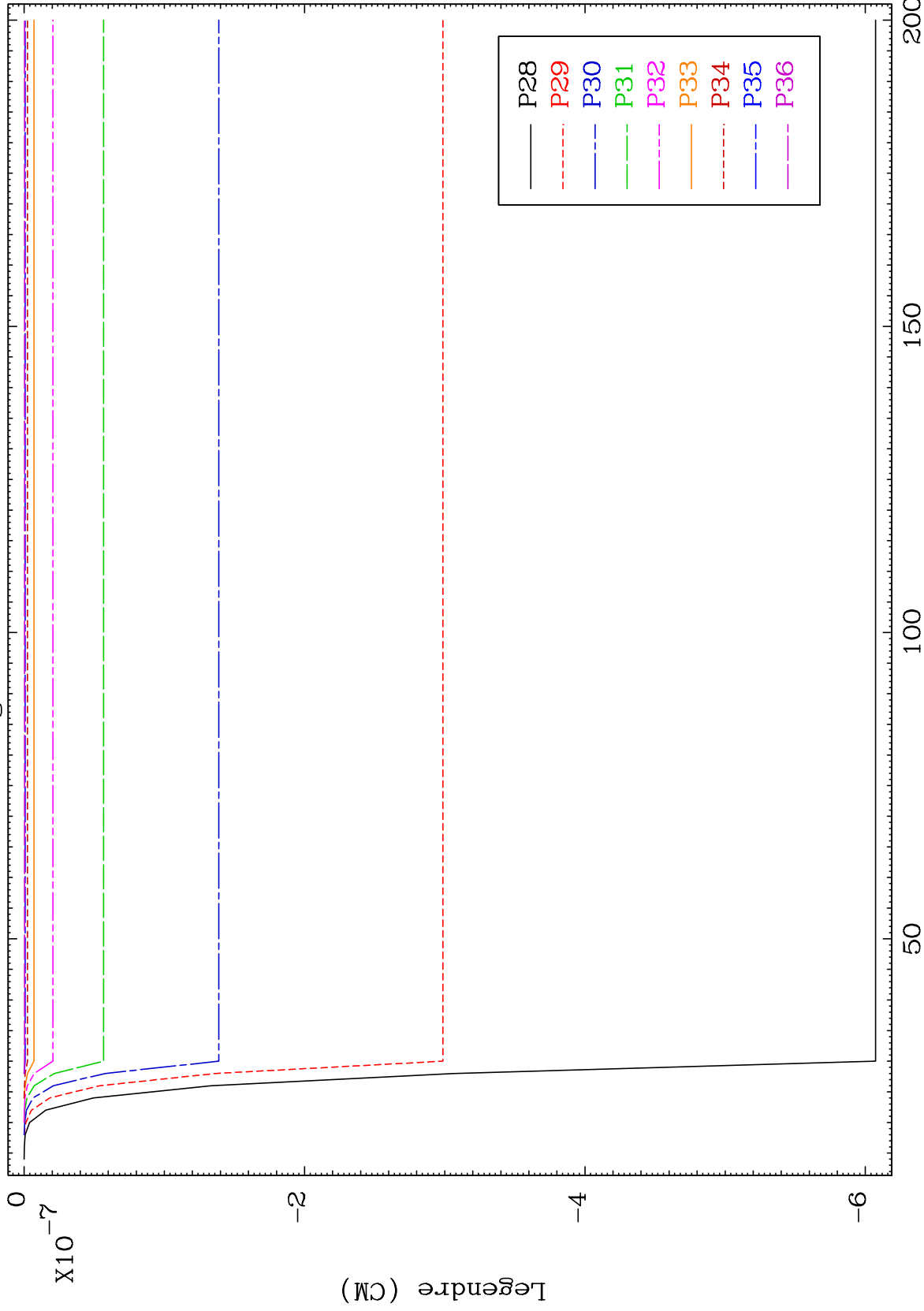
74

69-Tm-172

MAT 6934

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

69-Tm-172



69-Tm-172

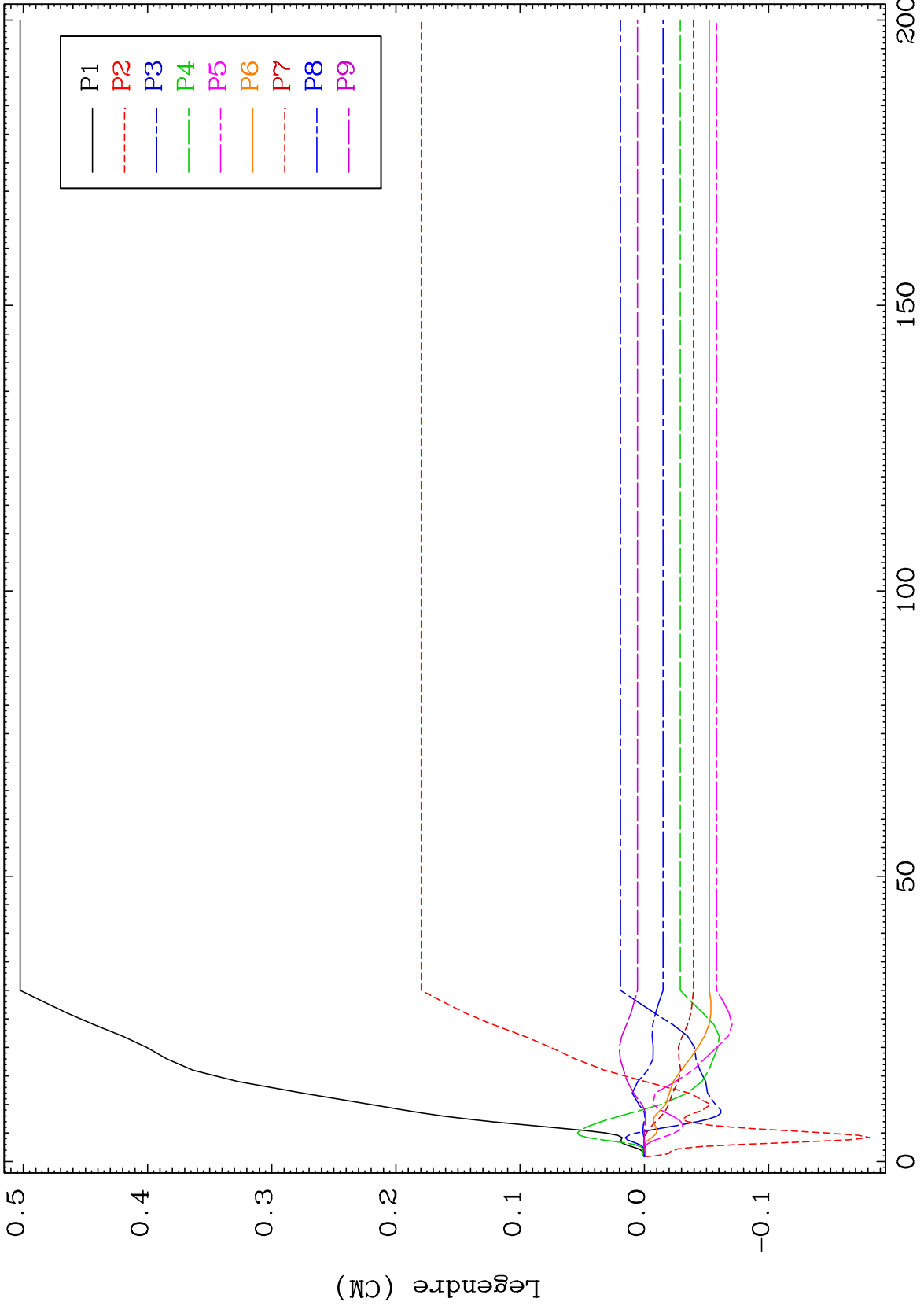
Incident Energy (MeV)

75

MAT 6934

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

69-Tm-172



76

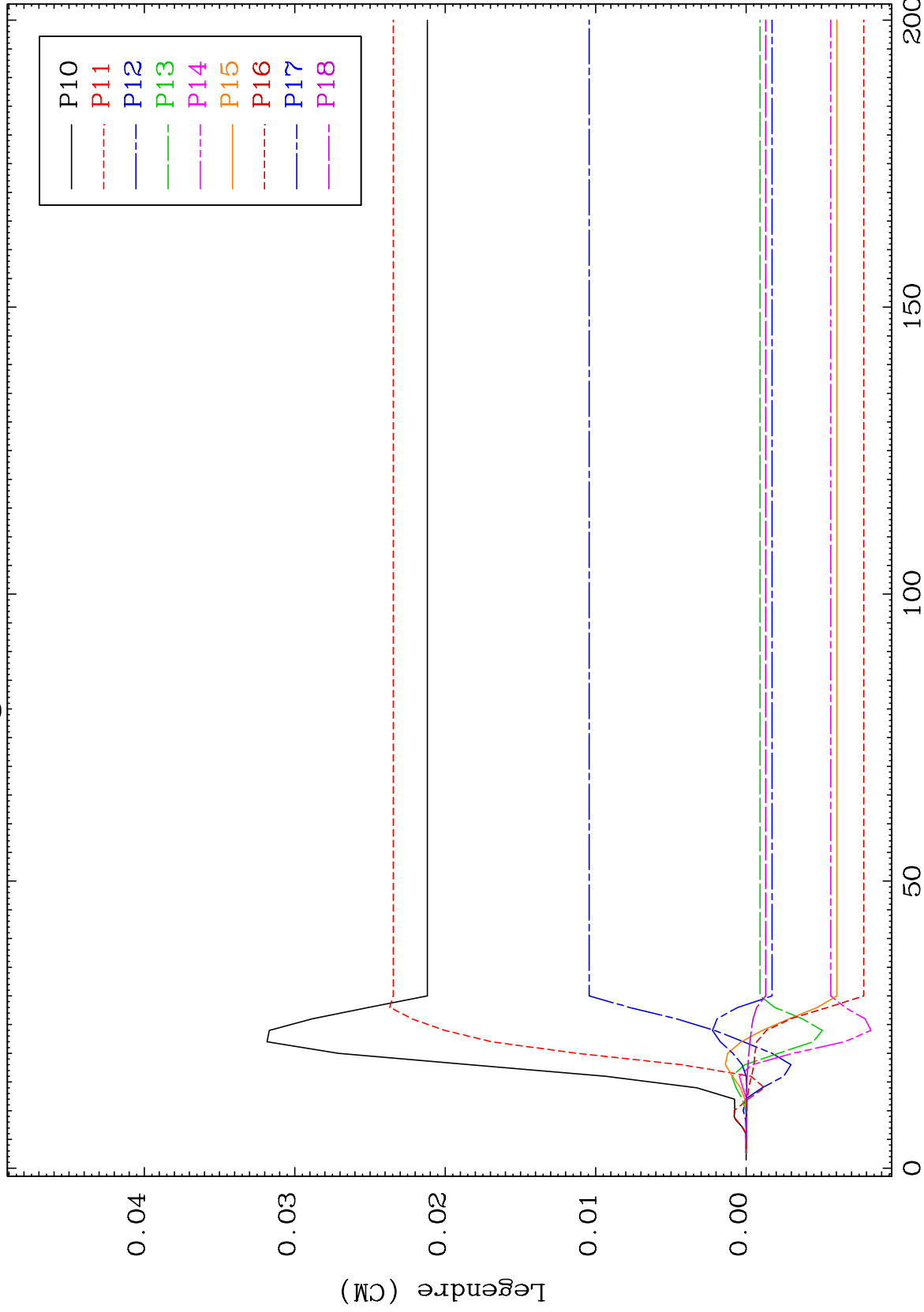
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



77

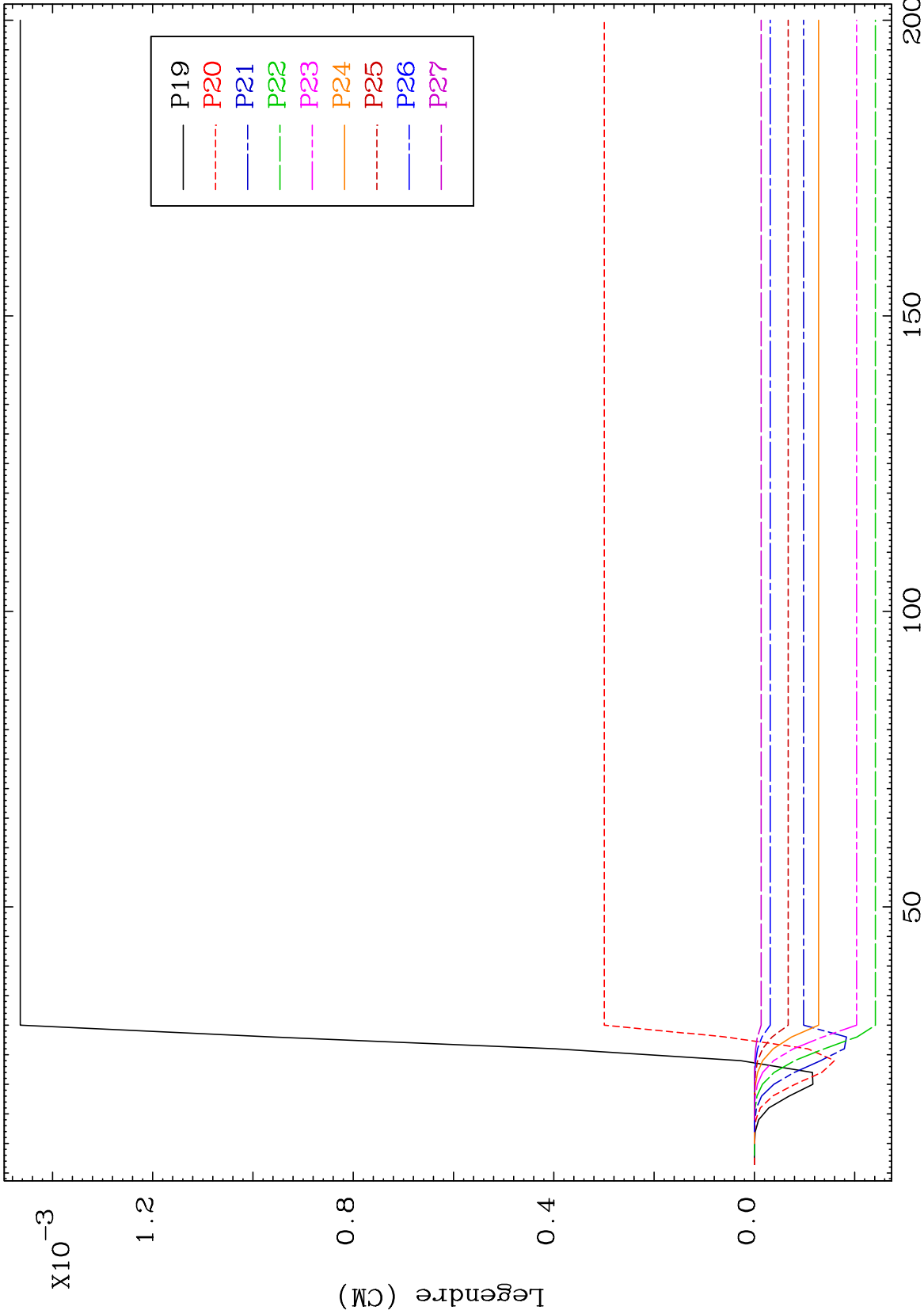
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



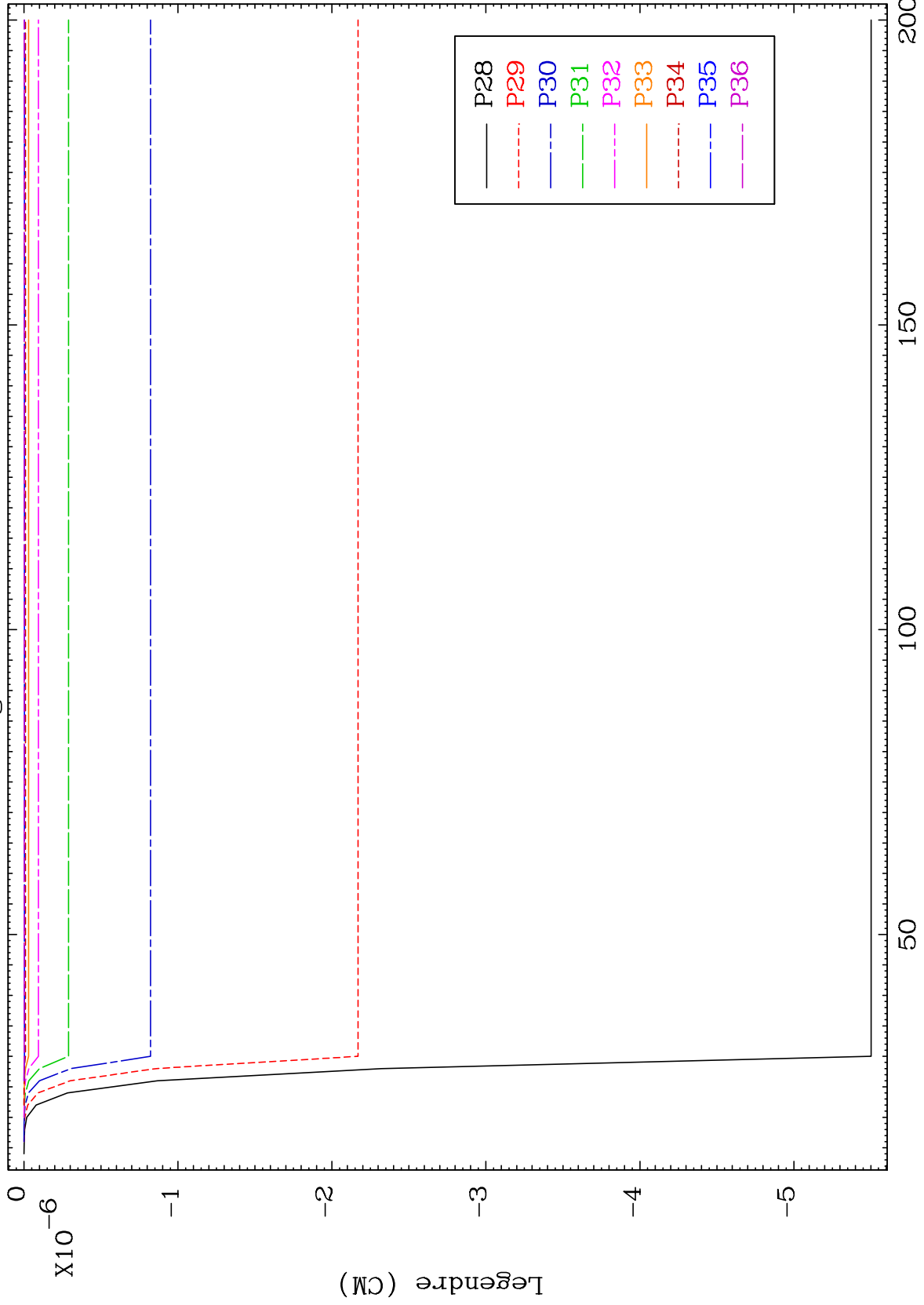
78

69-Tm-172

MAT 6934

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

69-Tm-172



69-Tm-172

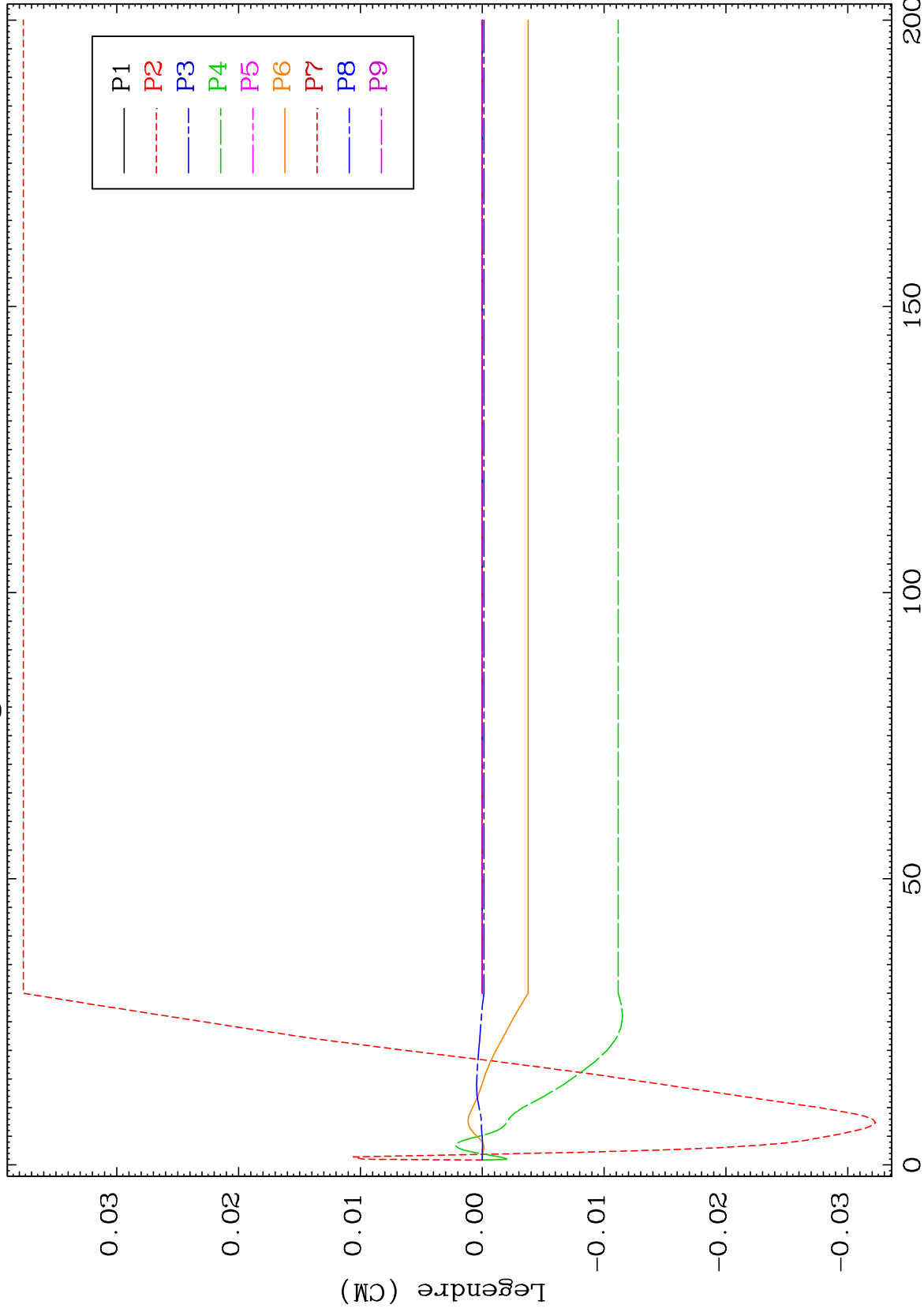
Incident Energy (MeV)

79

MAT 6934

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

69-Tm-172



69-Tm-172

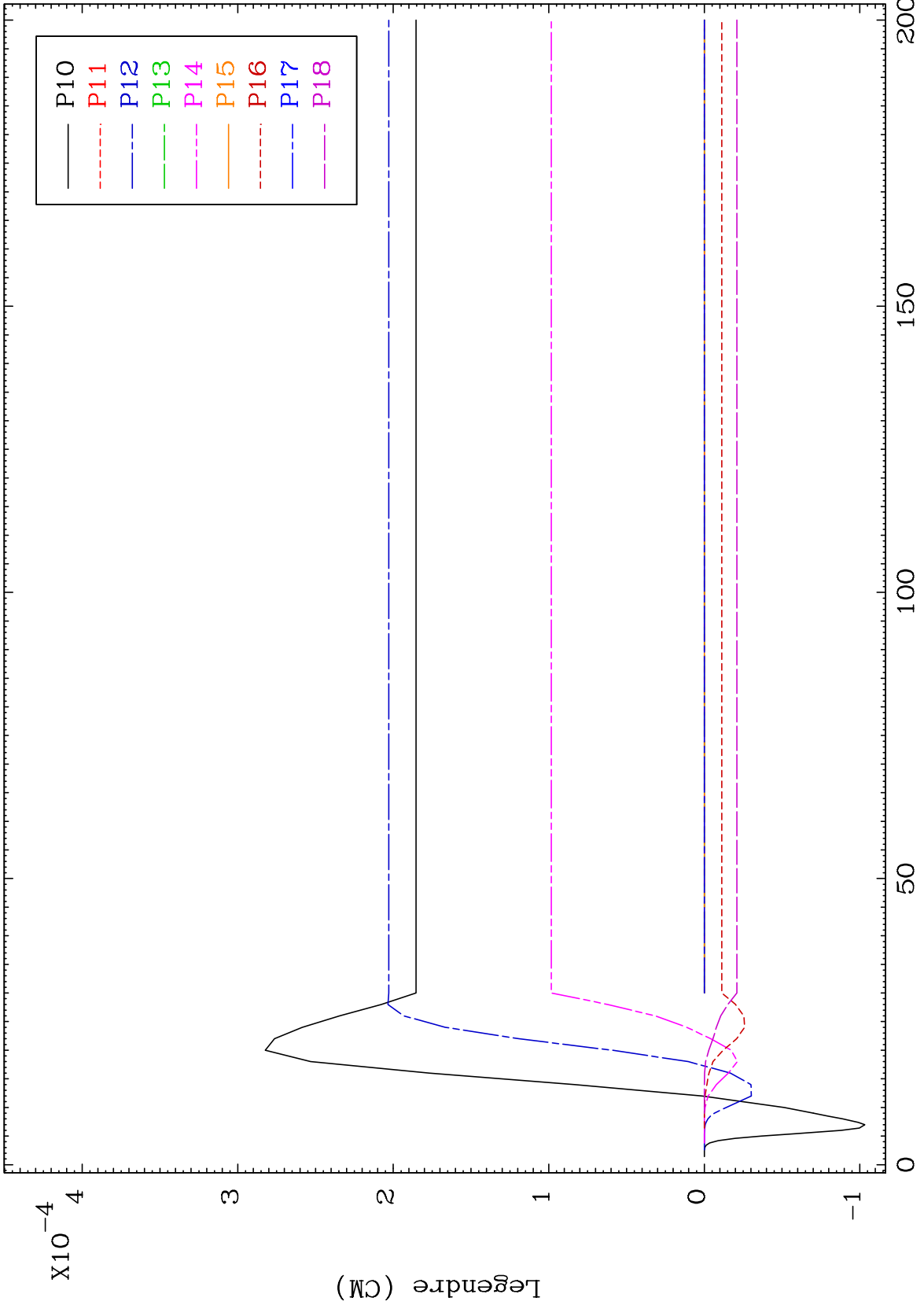
Incident Energy (MeV)

80

MAT 6934

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

69-Tm-172



81

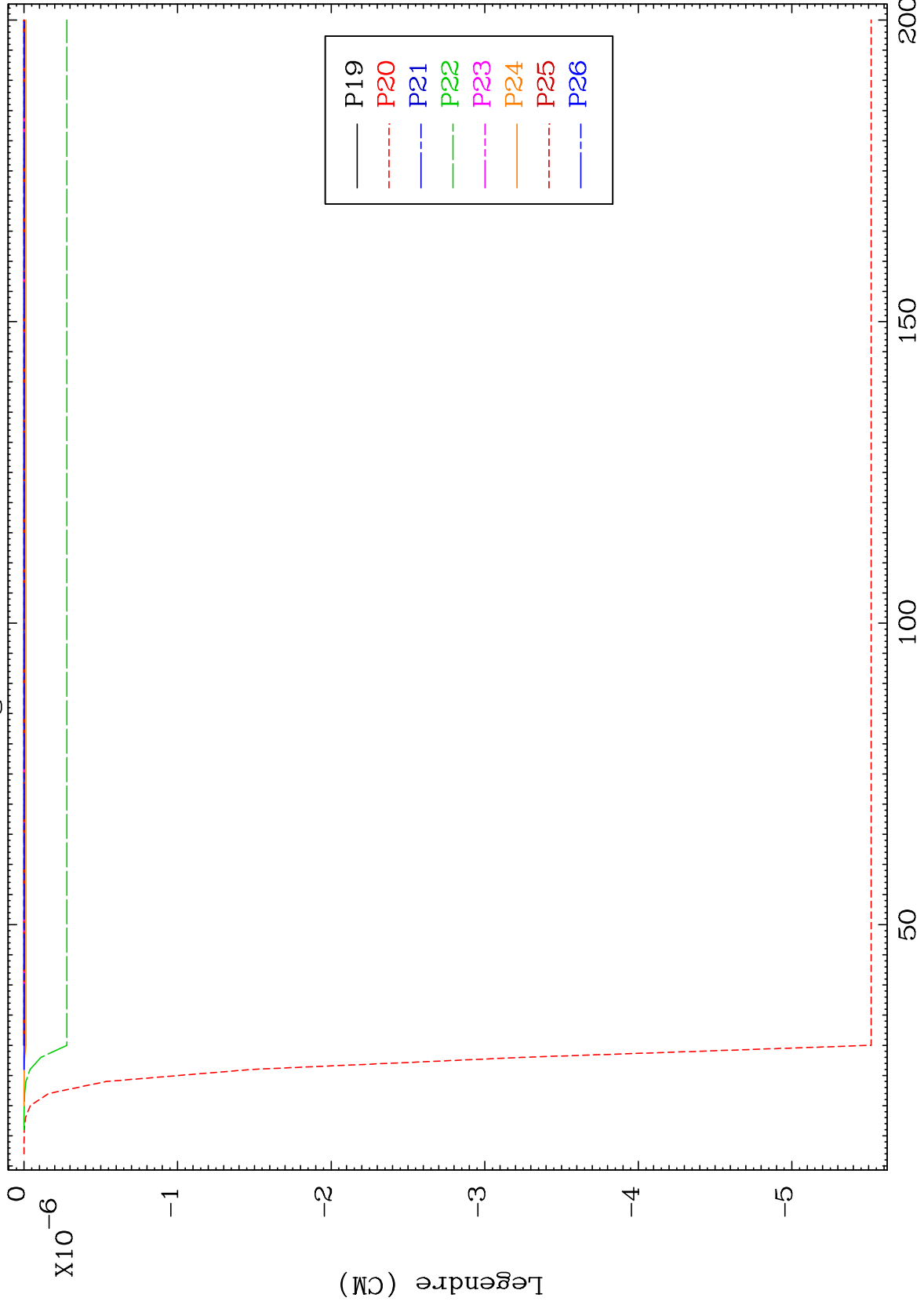
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



82

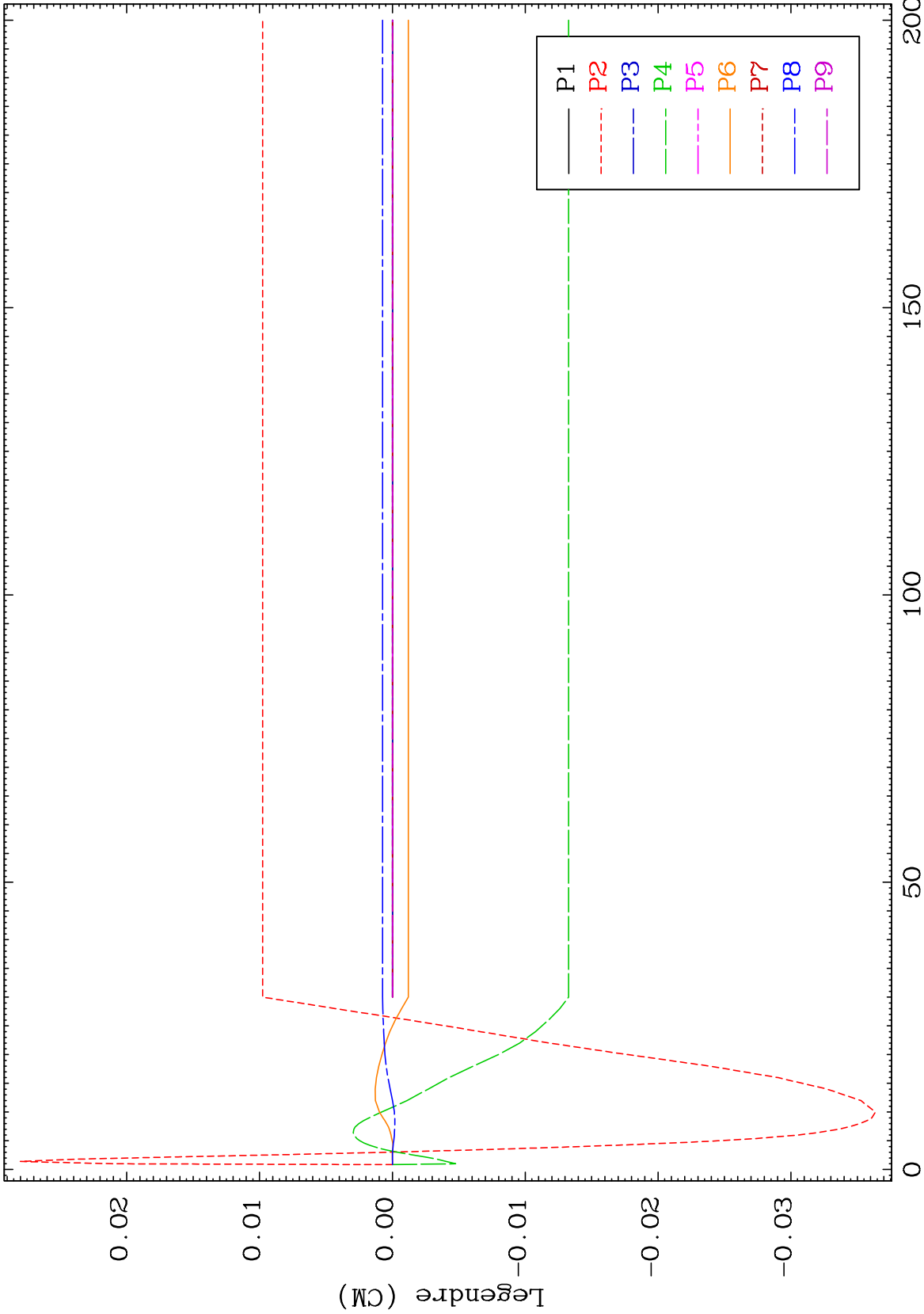
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



83

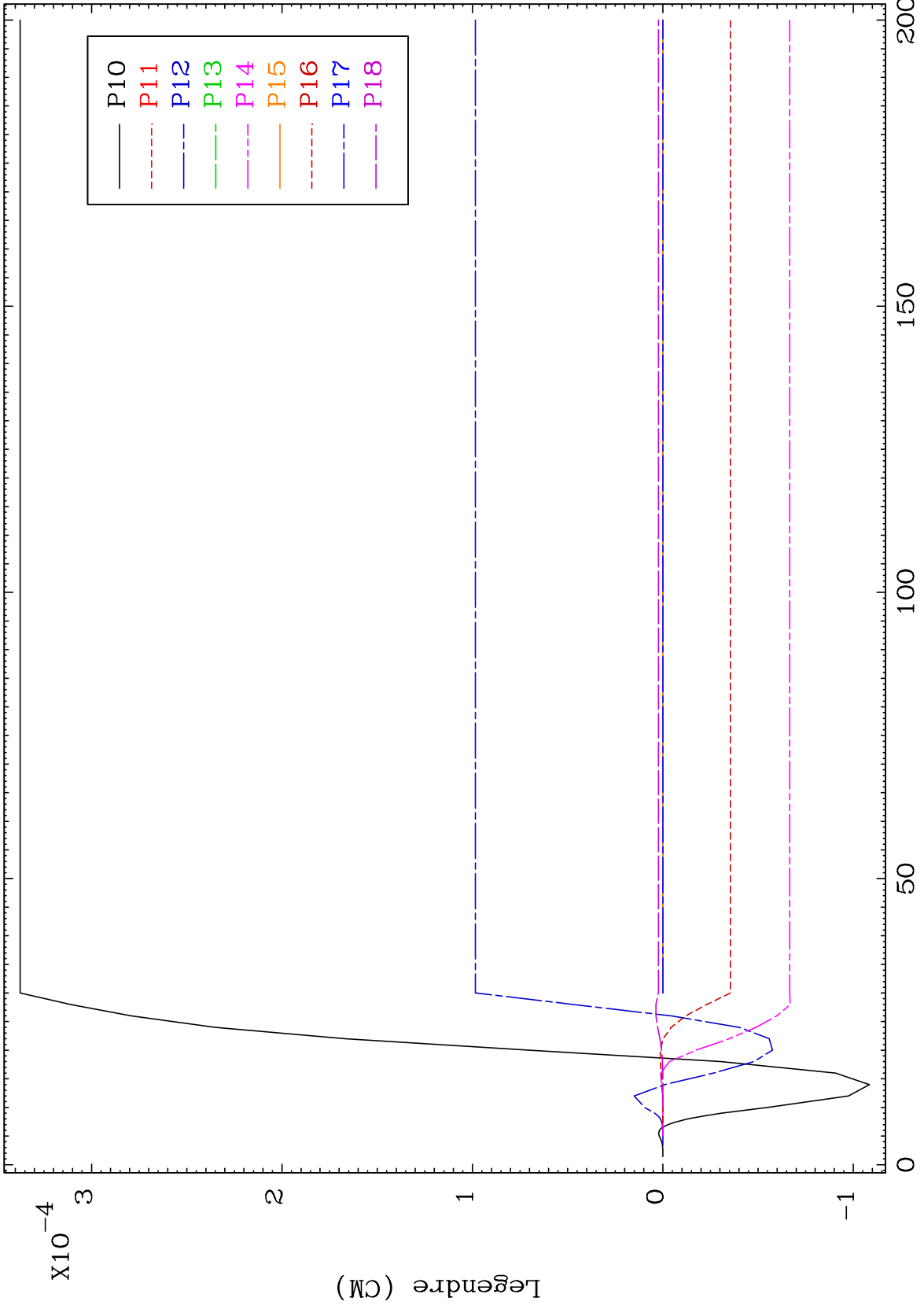
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



84

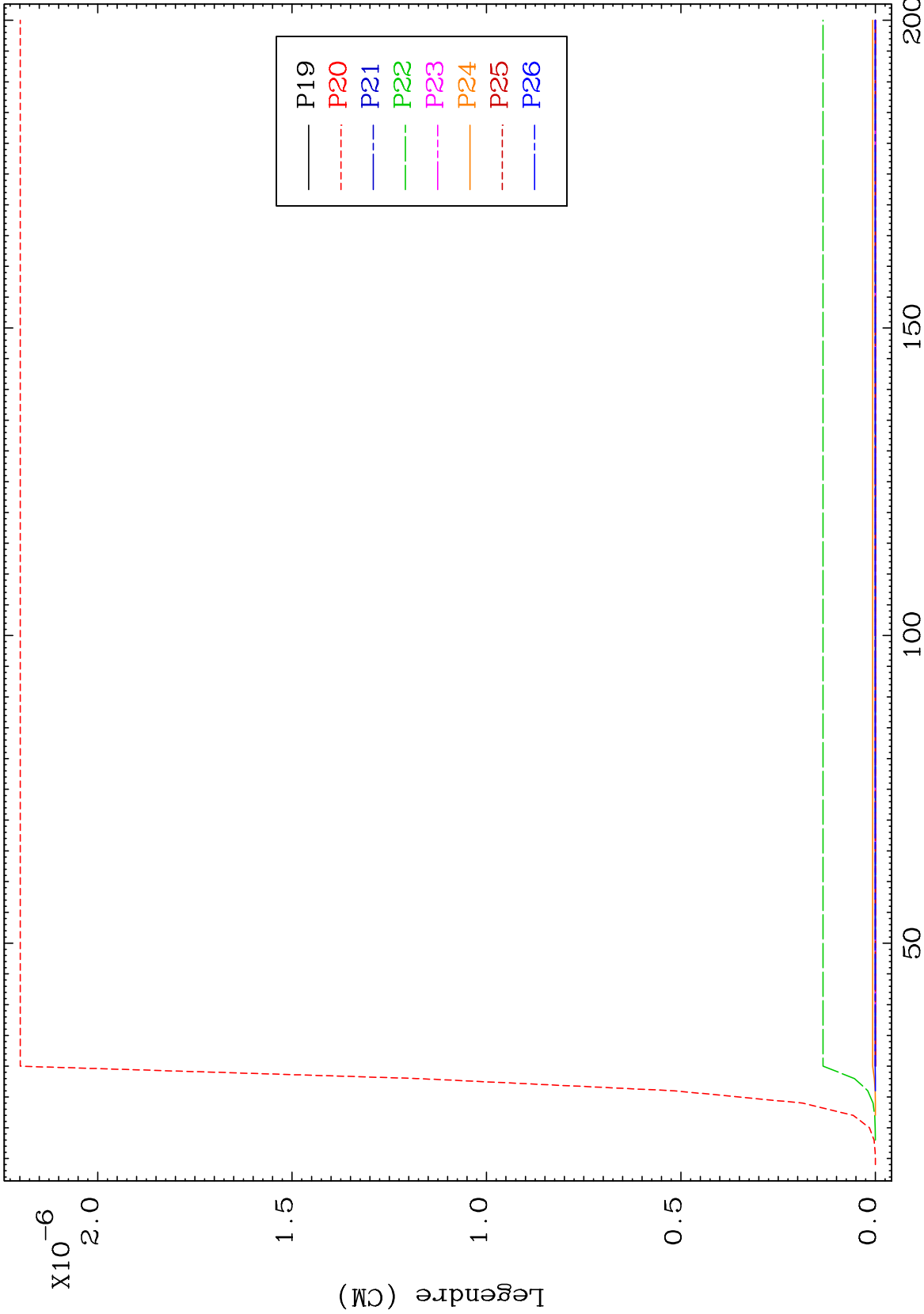
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



85

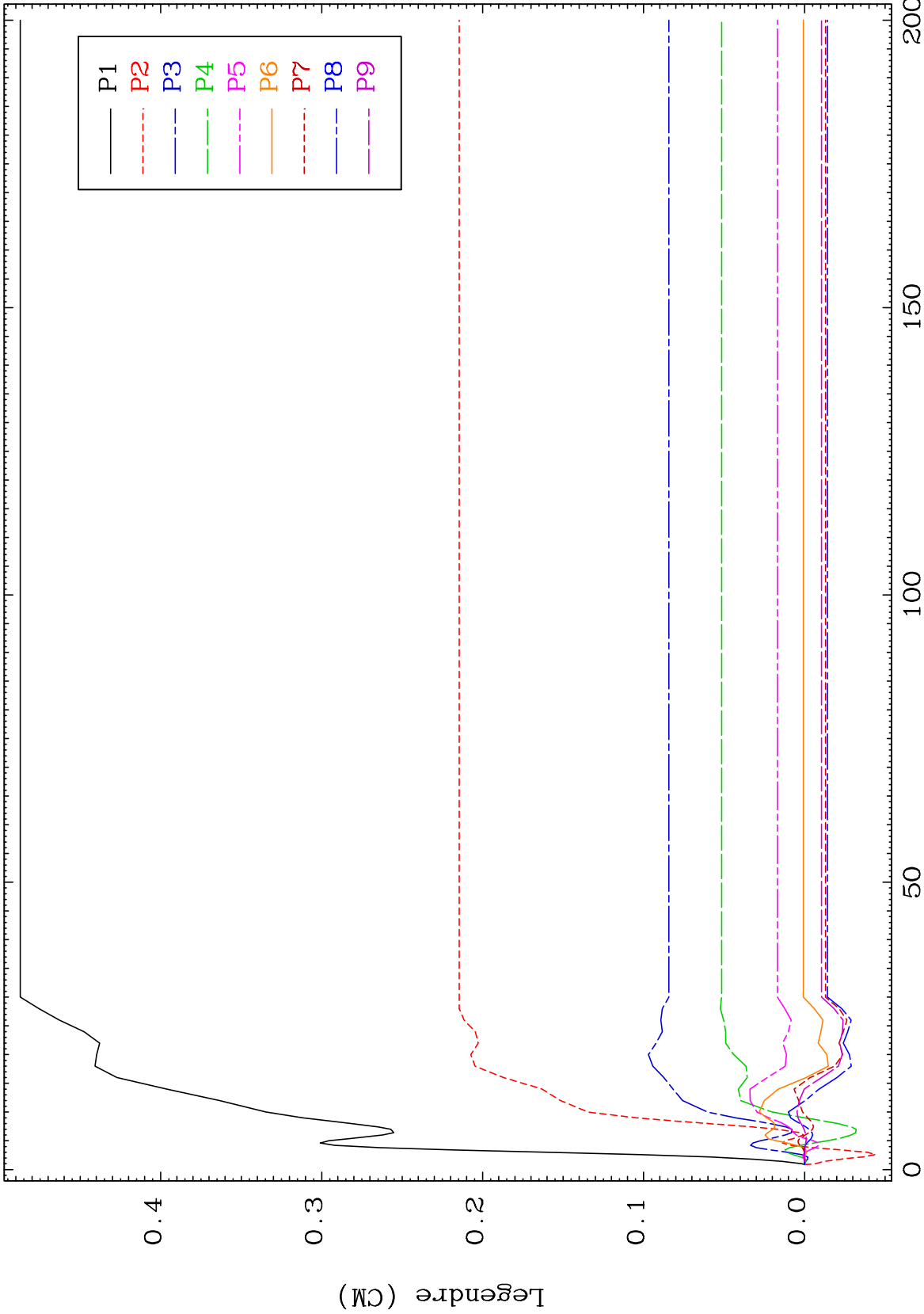
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



86

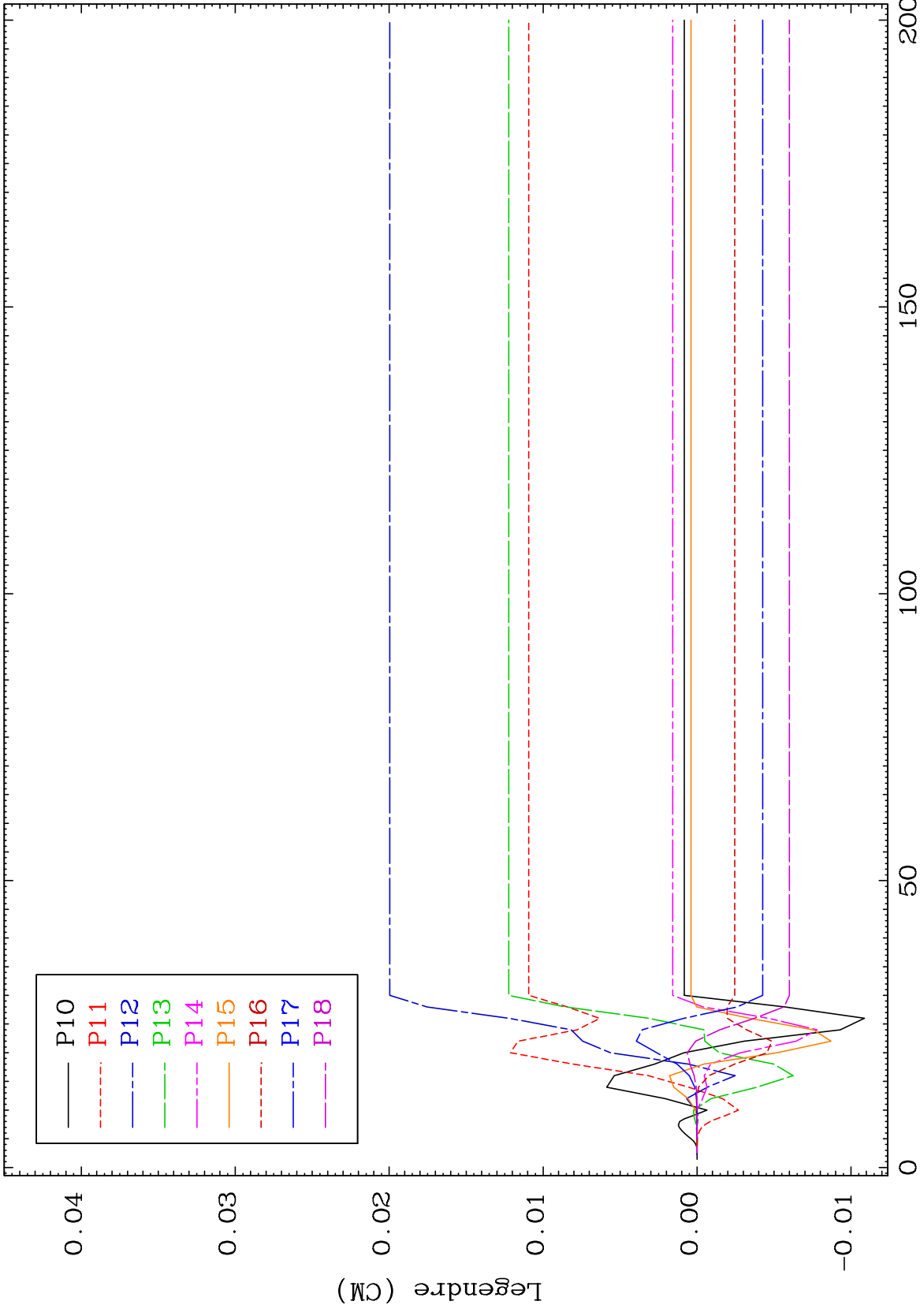
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



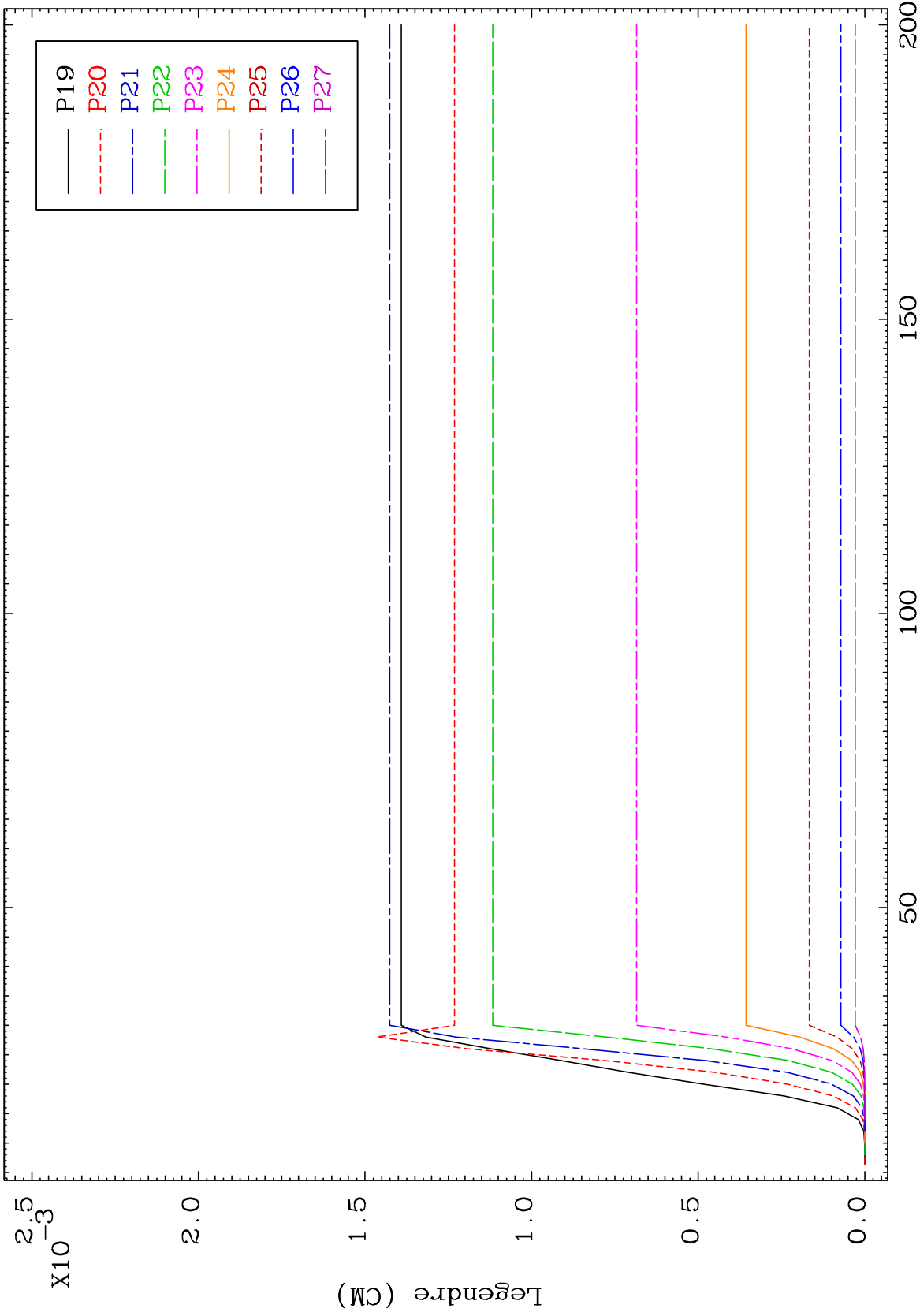
87

69-Tm-172

MAT 6934

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

69-Tm-172



88

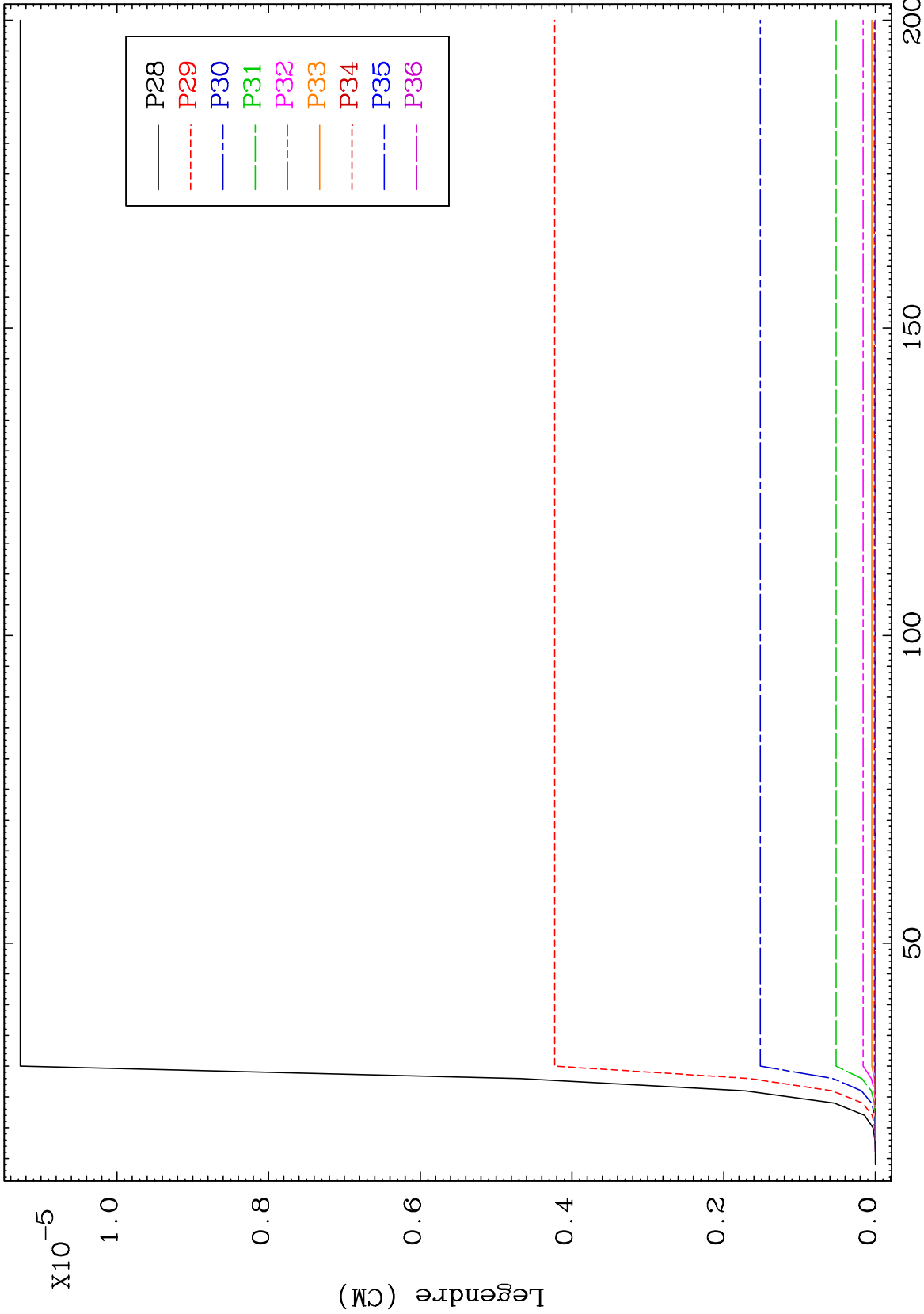
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



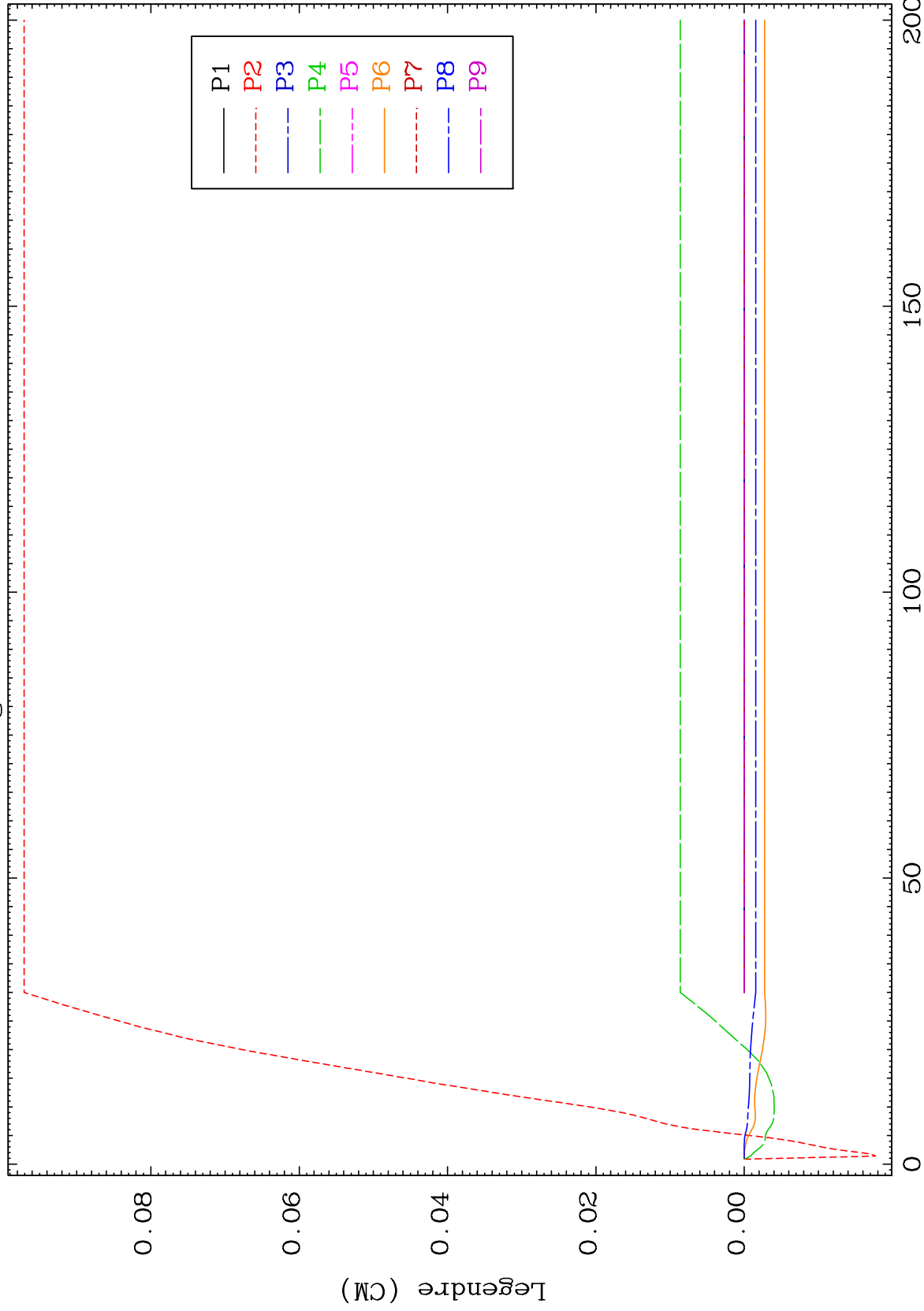
89

69-Tm-172

MAT 6934

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

69-Tm-172



90

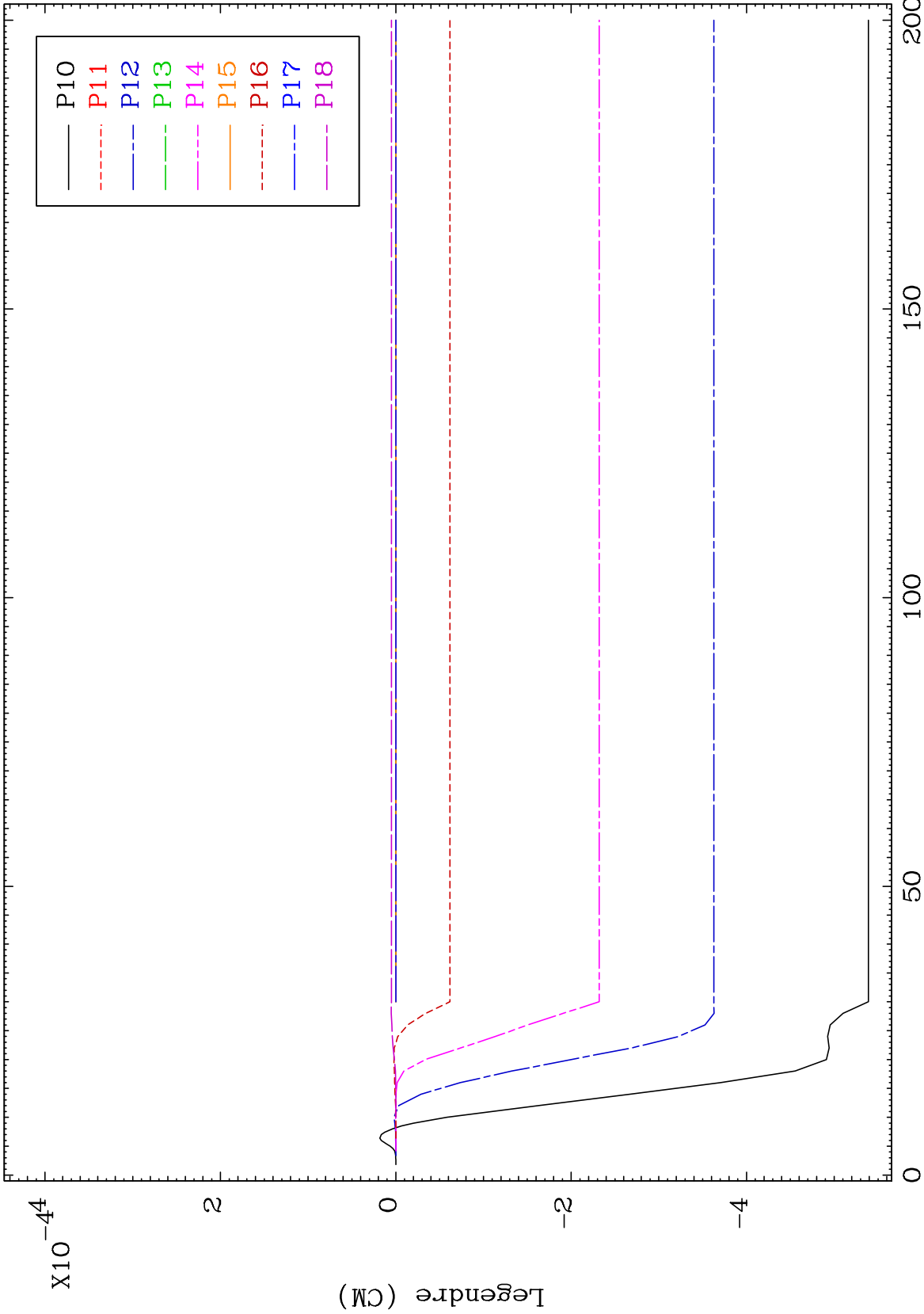
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172

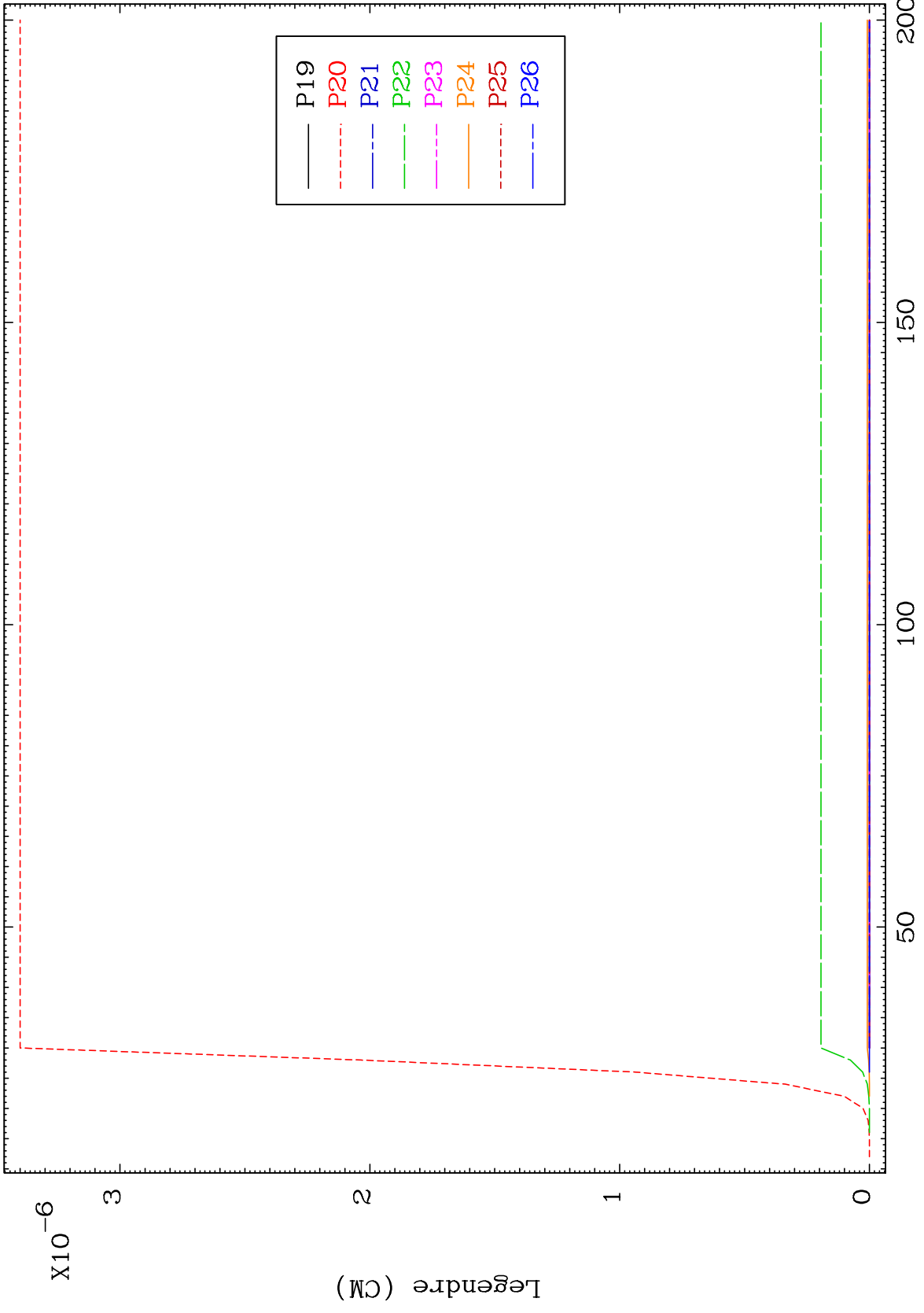


91

Incident Energy (MeV)

69-Tm-172

MAT 6934 MT= 71 (n,n') Level Legendre Coefficients 69-Tm-172

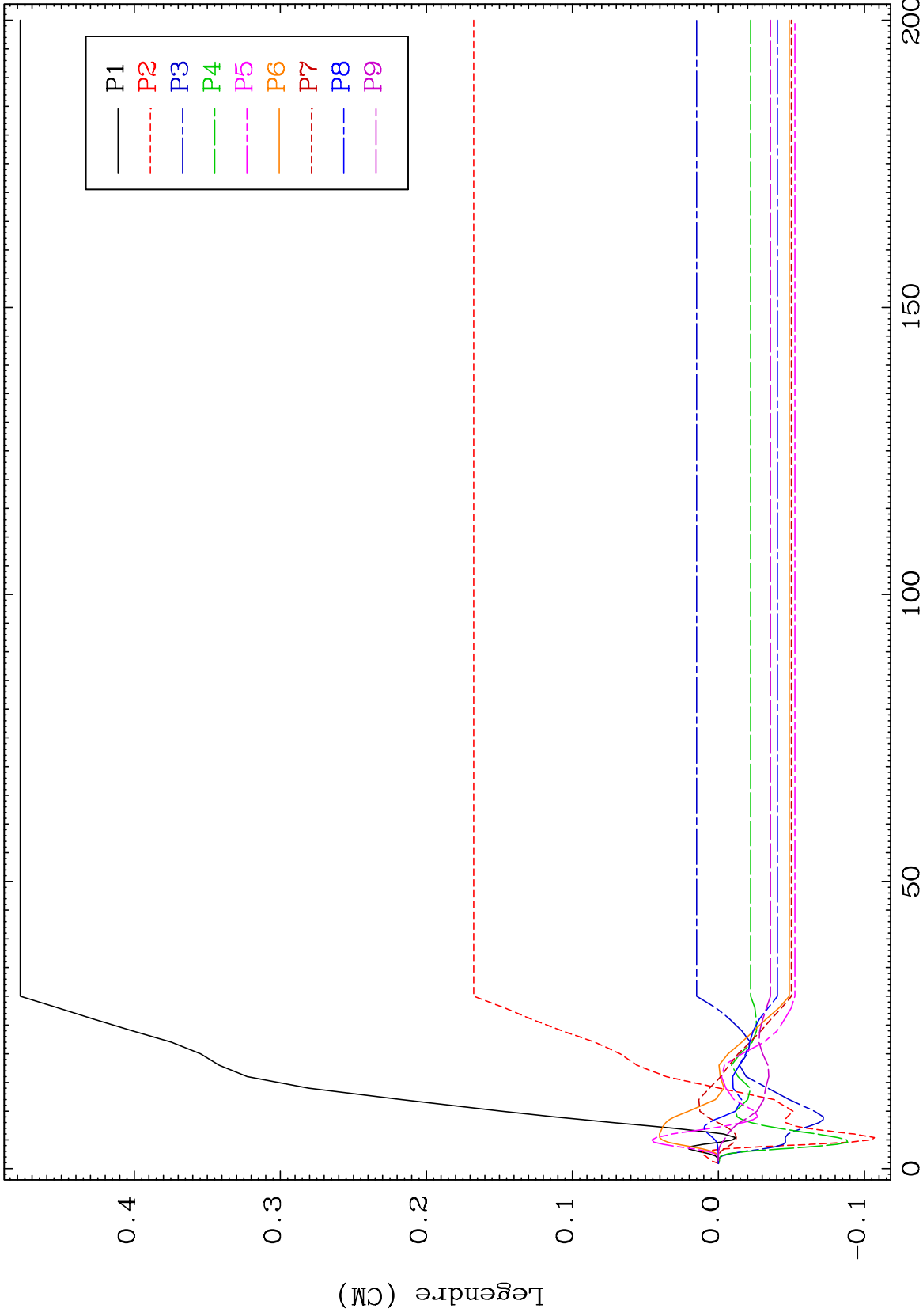


92 69-Tm-172

MAT 6934

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

69-Tm-172



93

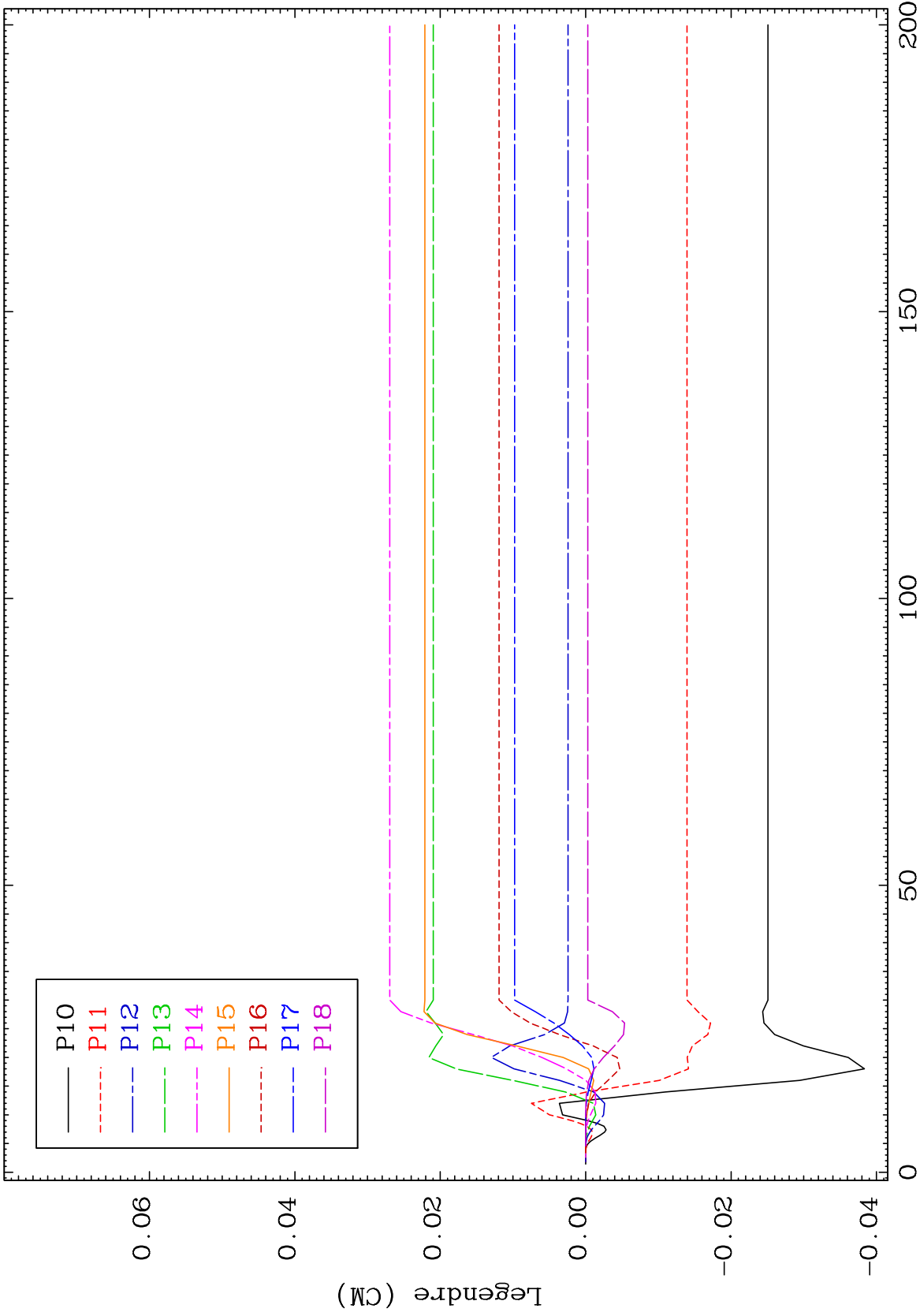
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



94

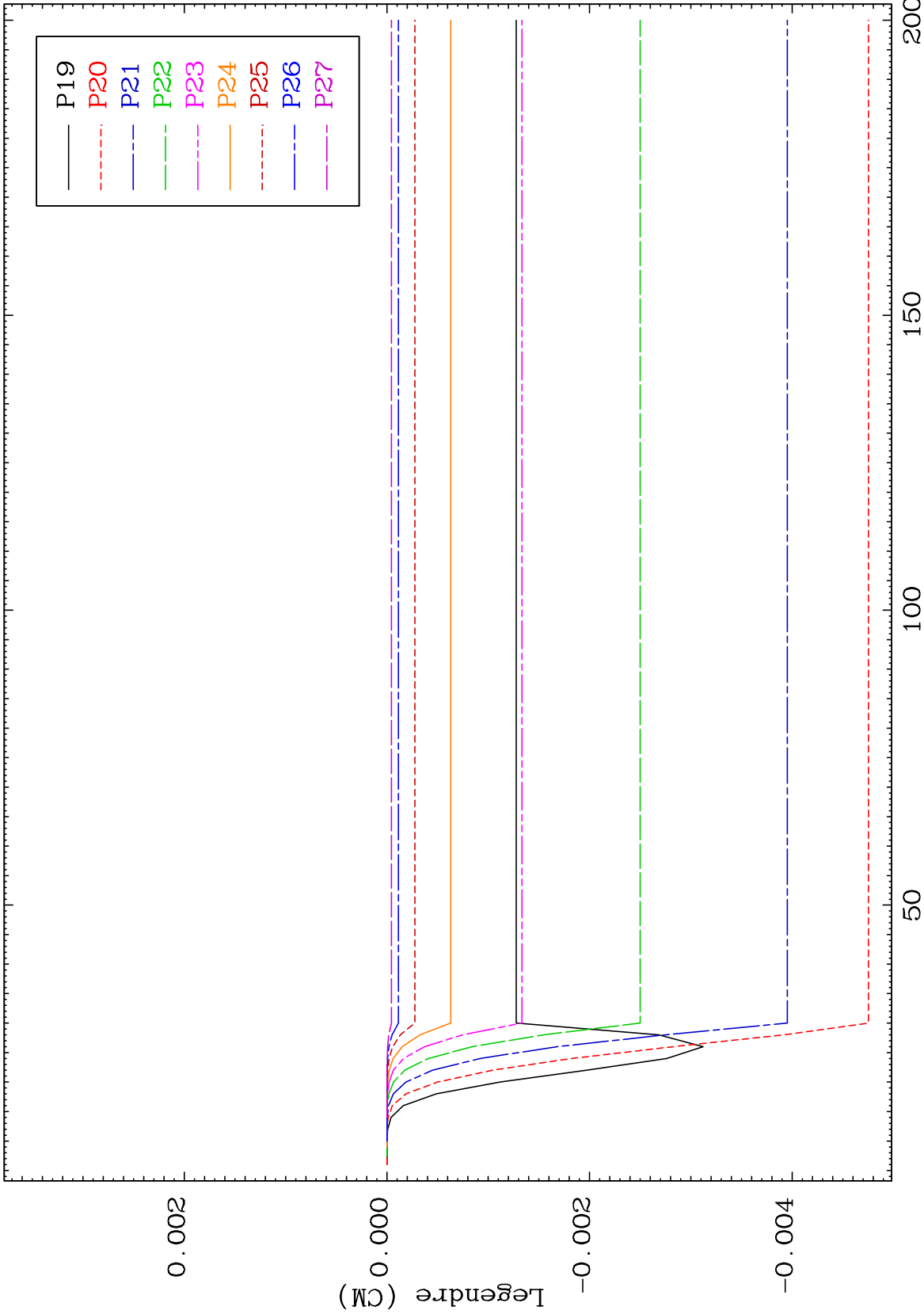
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



95

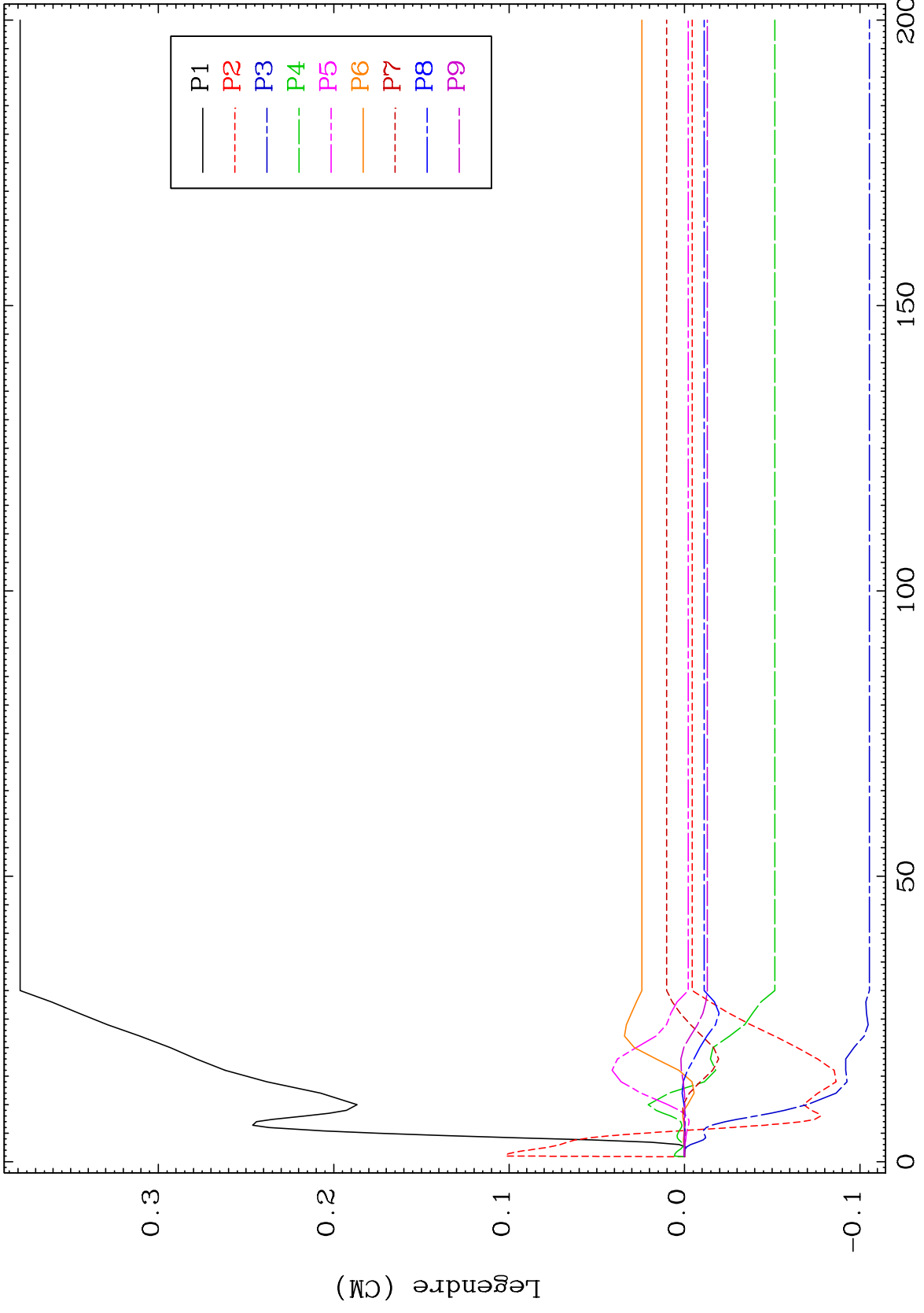
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



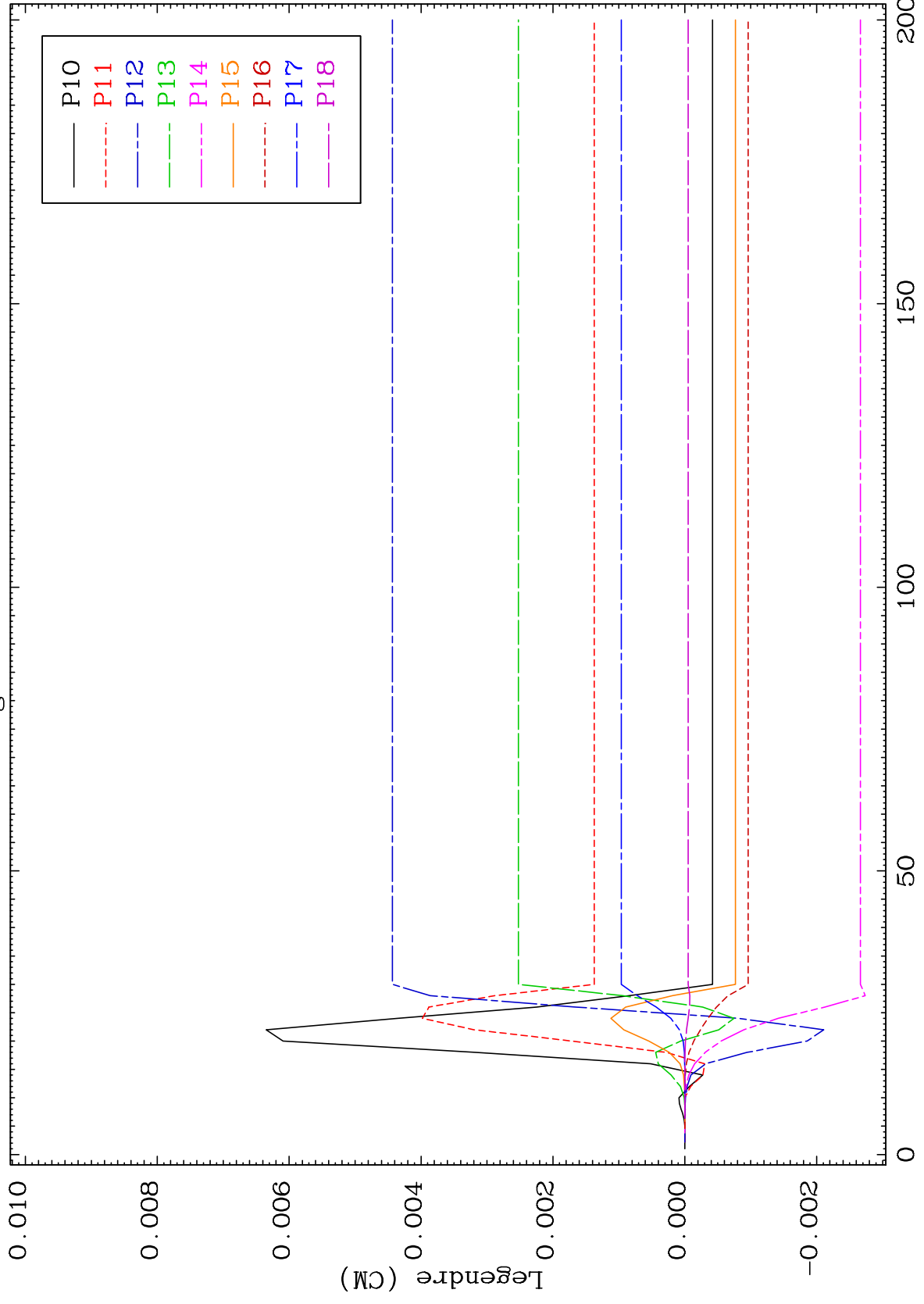
97

69-Tm-172

MAT 6934

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

69-Tm-172



98

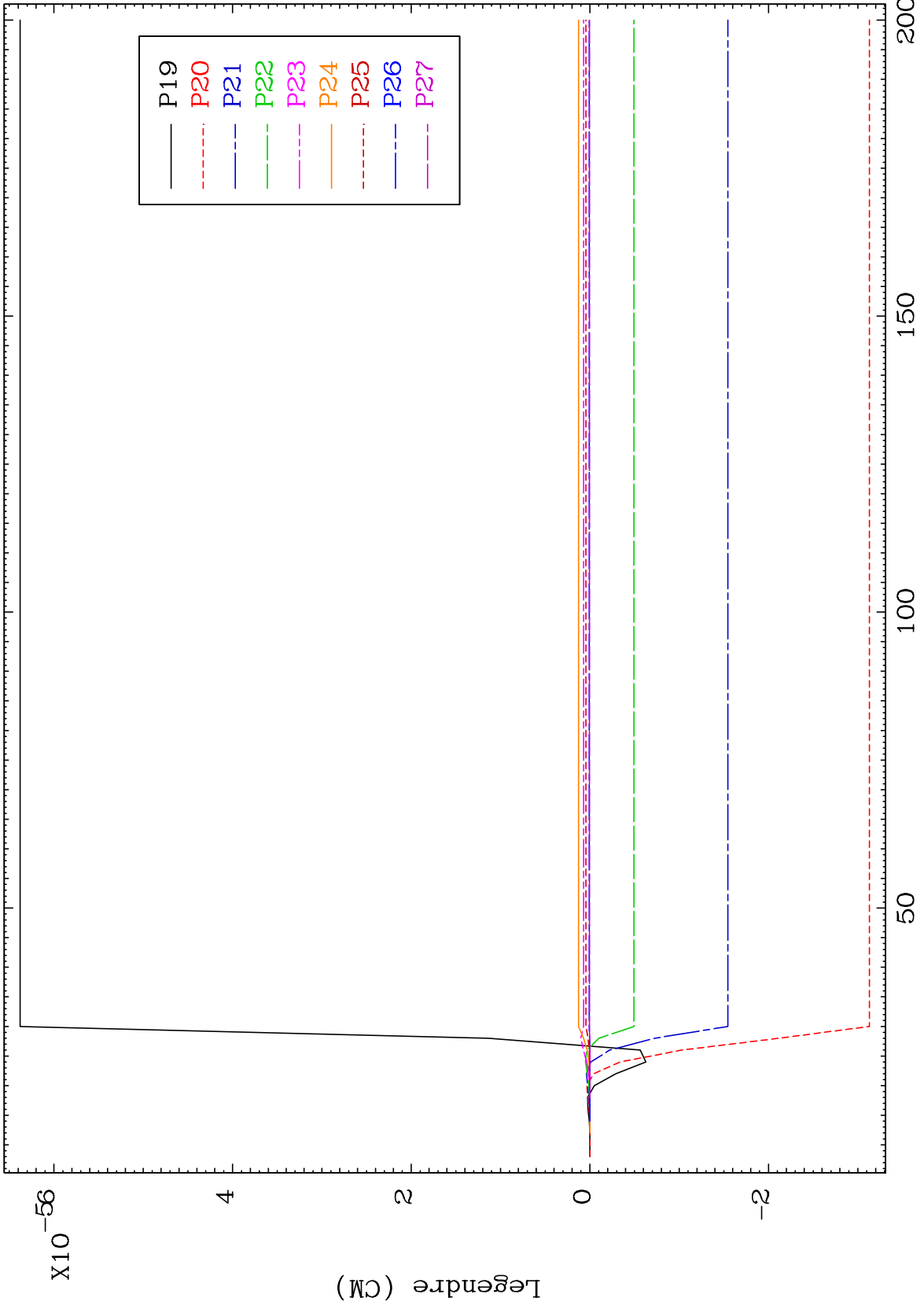
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



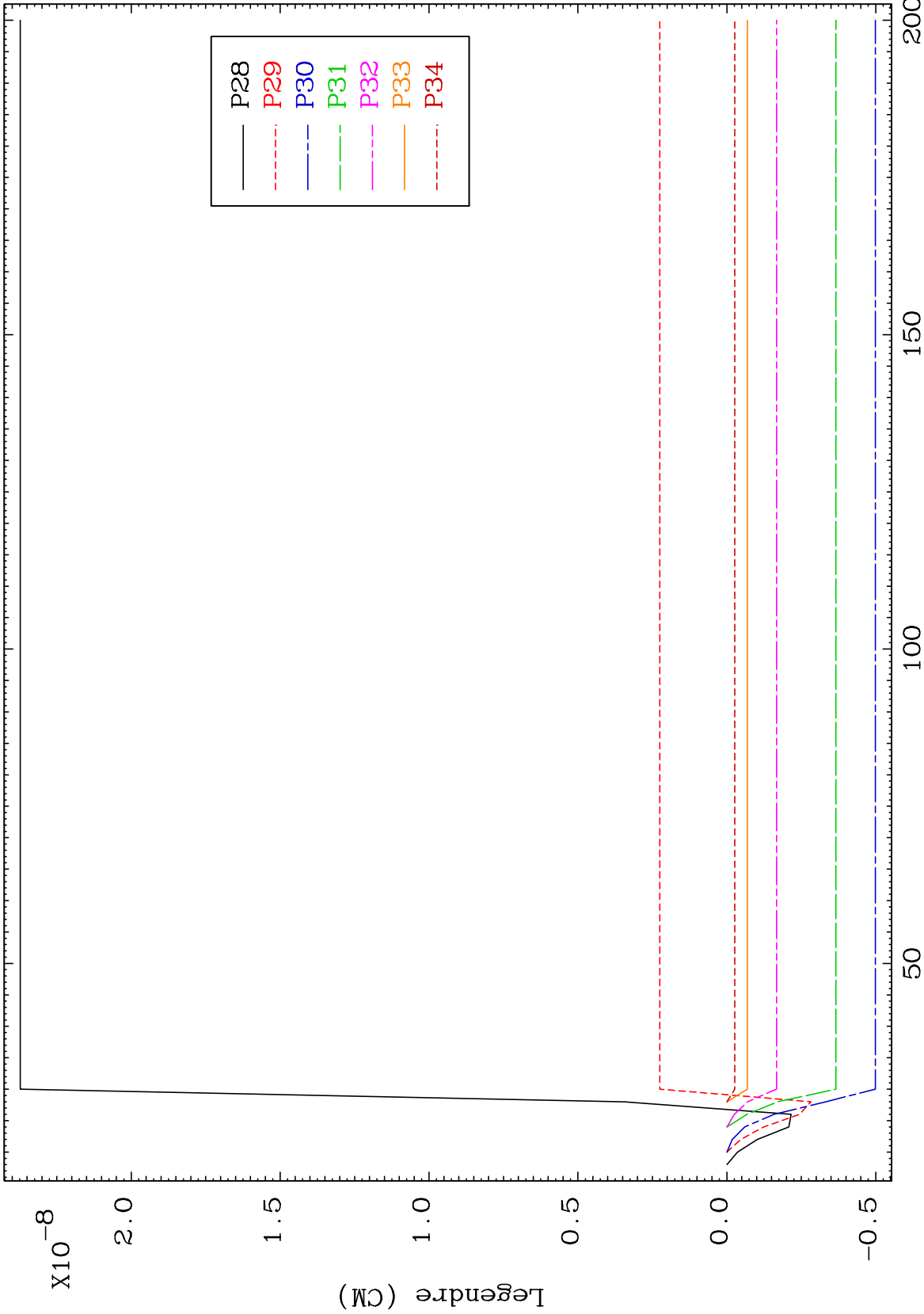
99

69-Tm-172

MAT 6934

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

69-Tm-172



100

50

100

150

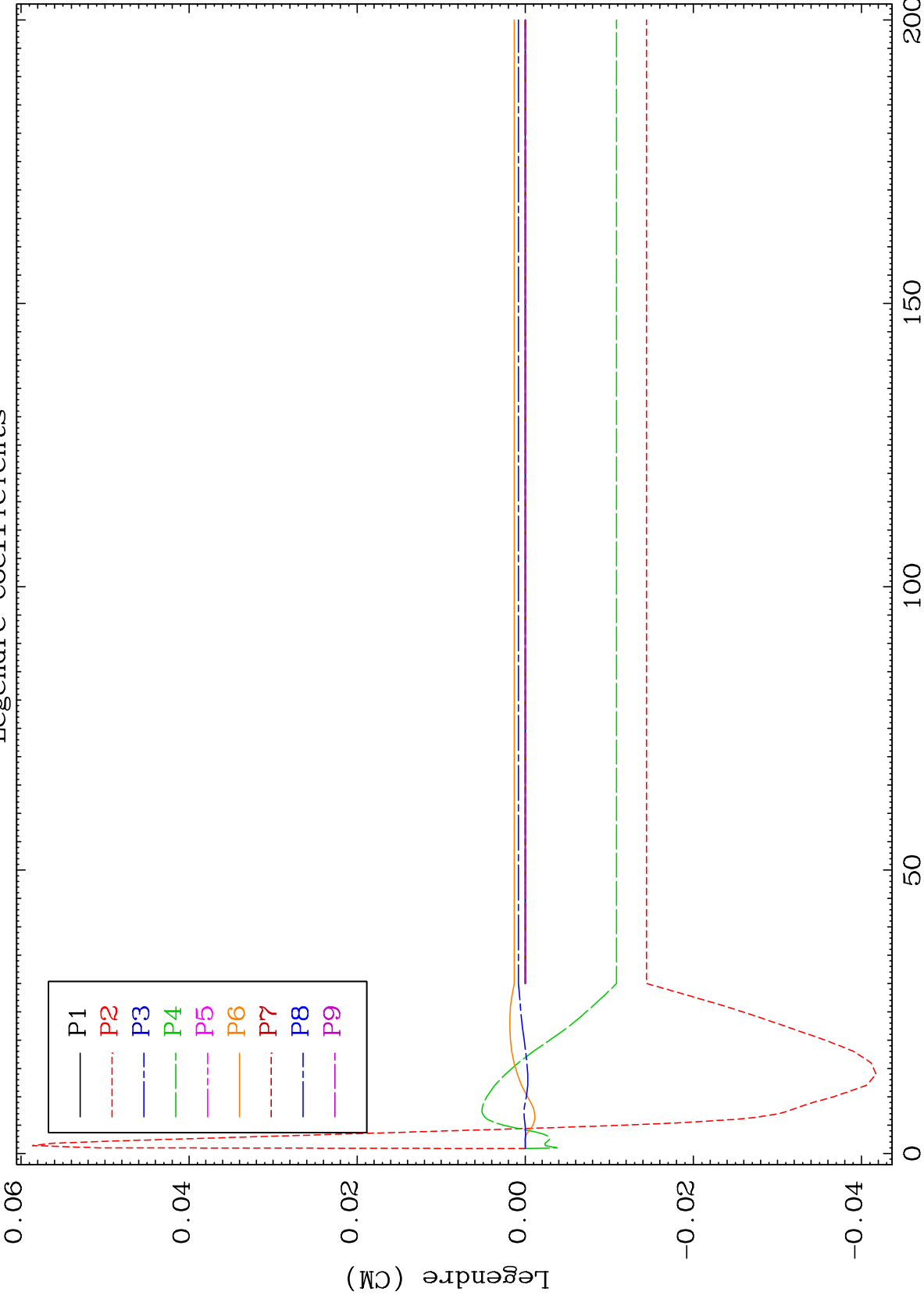
200

69-Tm-172

MAT 6934

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

69-Tm-172



101

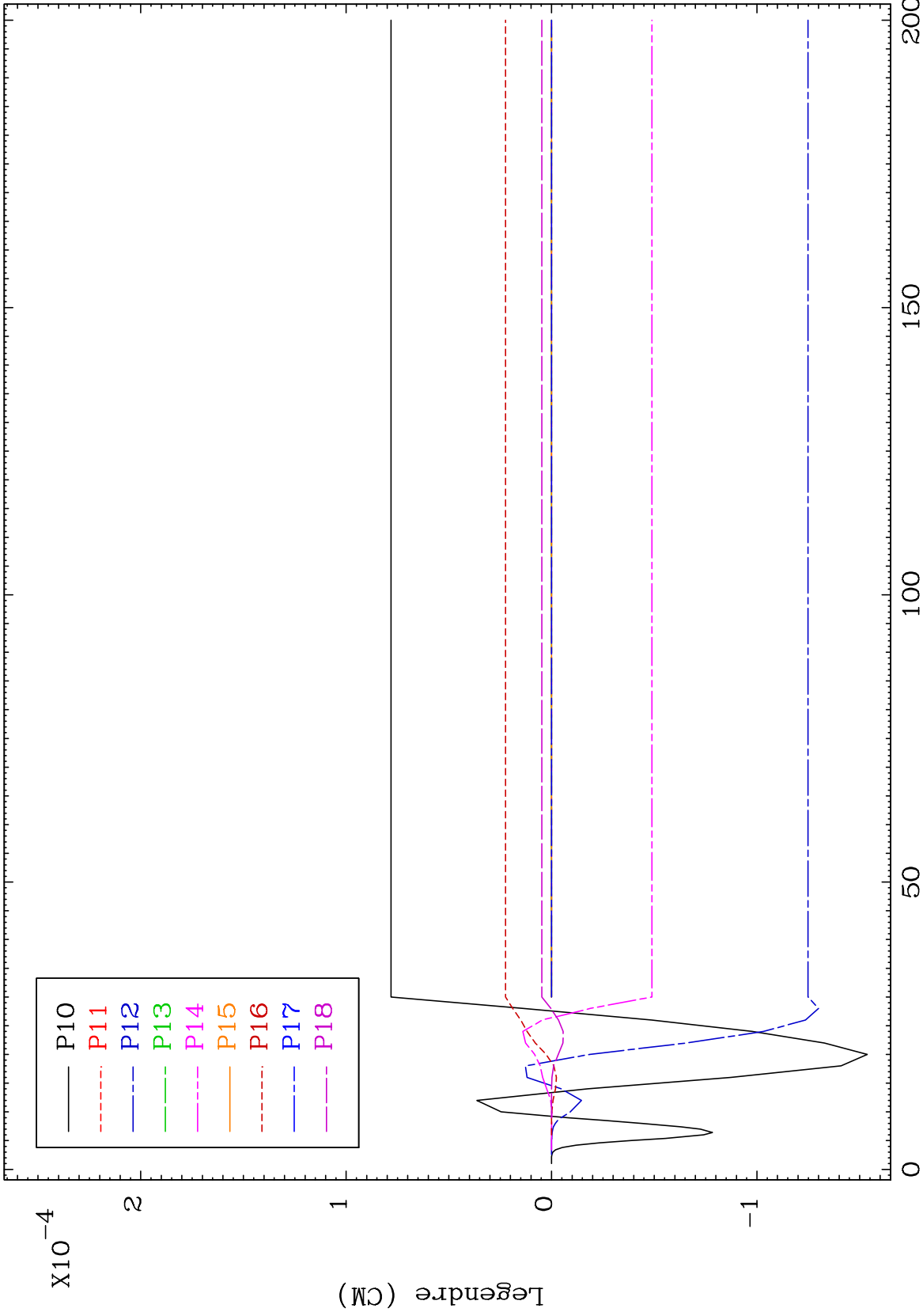
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



102

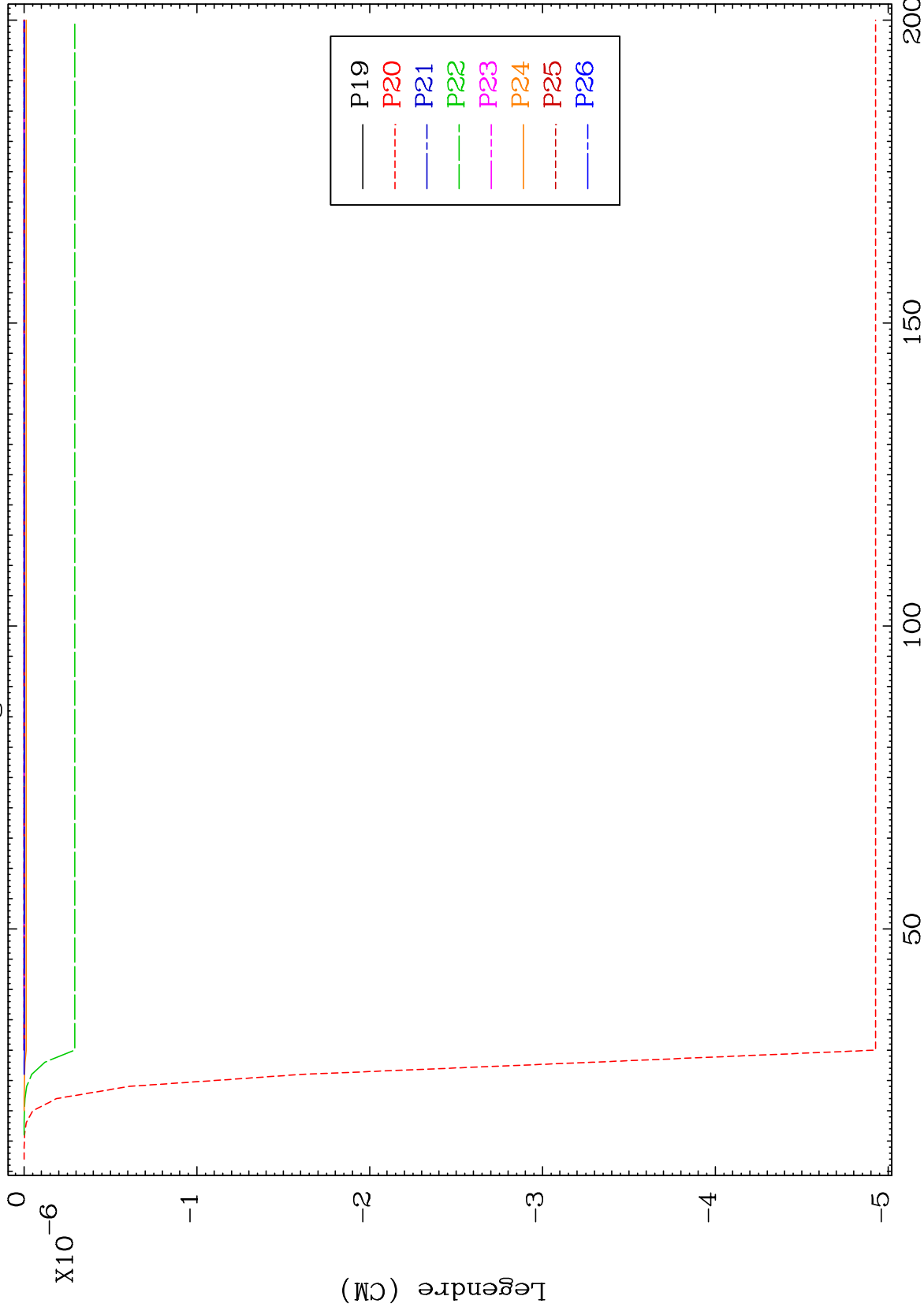
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



103

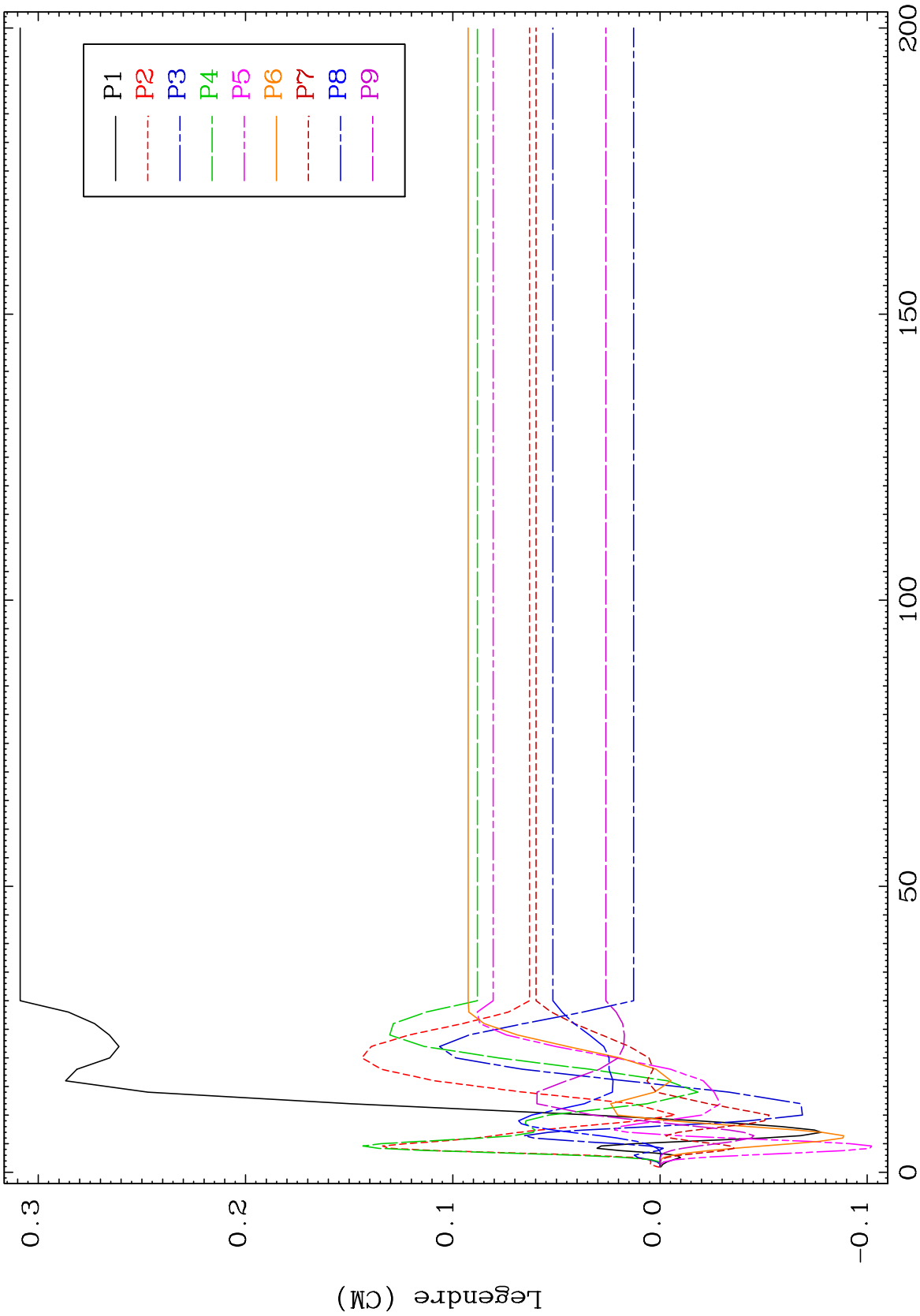
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

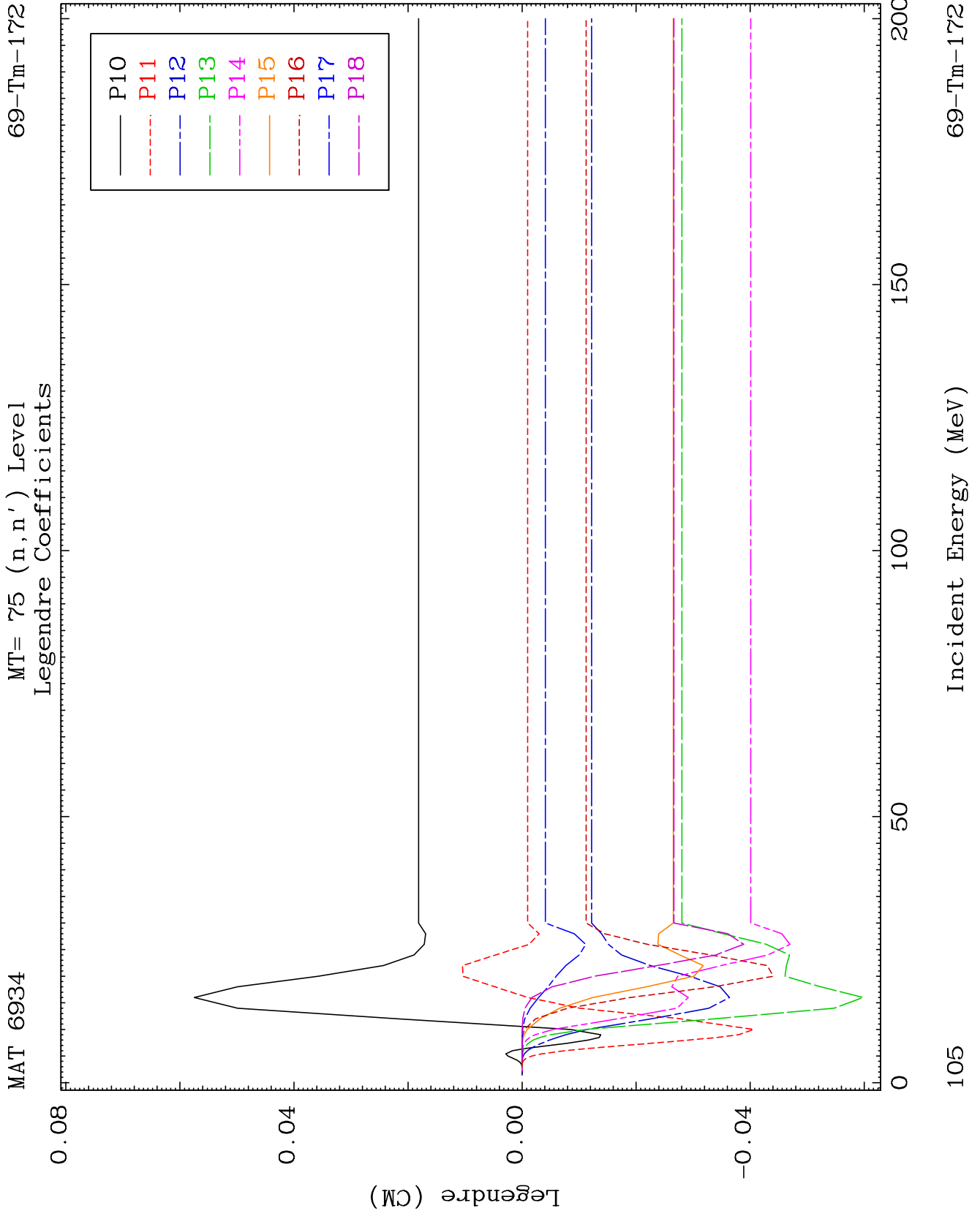
69-Tm-172



104

Incident Energy (MeV)

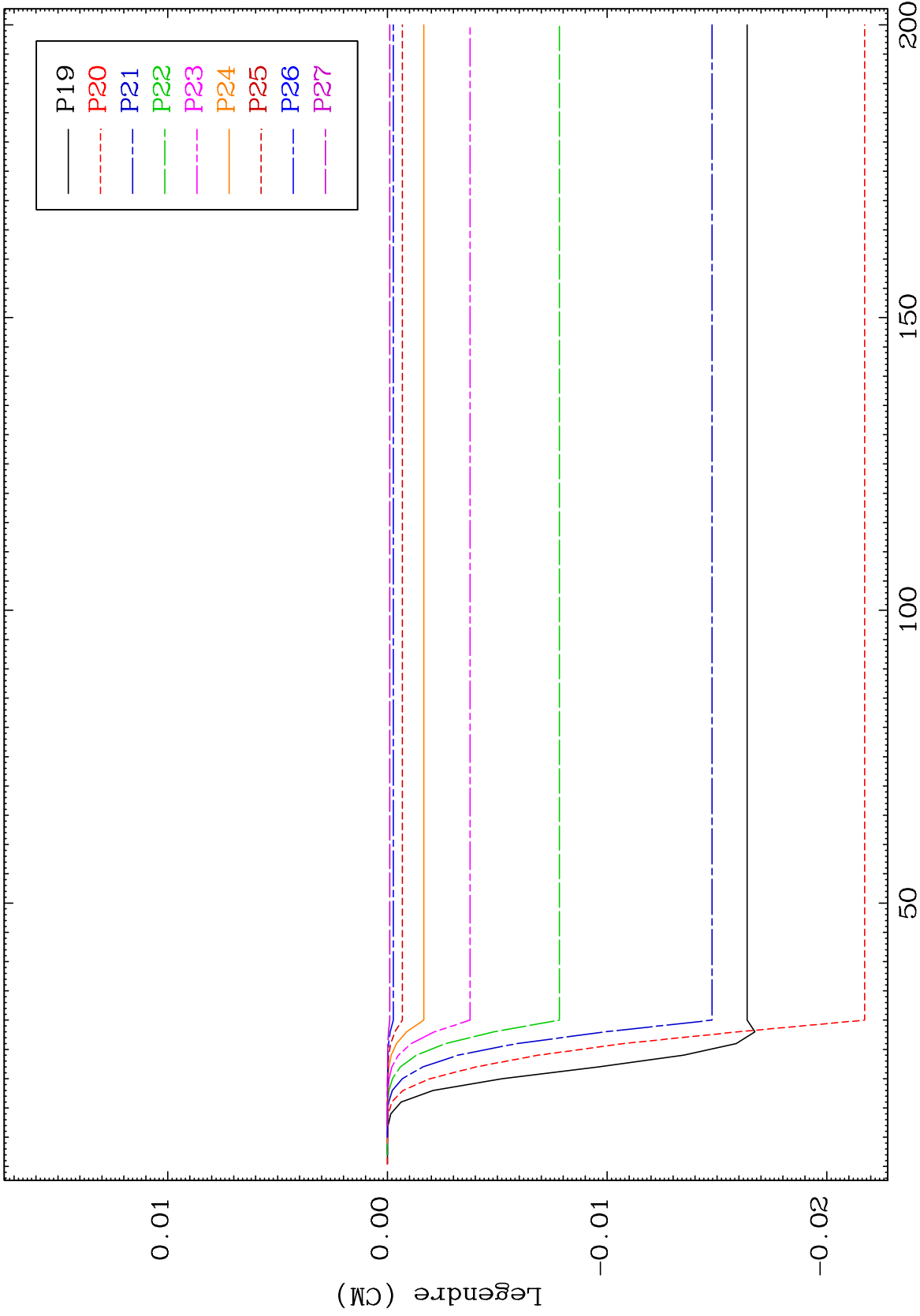
69-Tm-172



MAT 6934

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

69-Tm-172



106

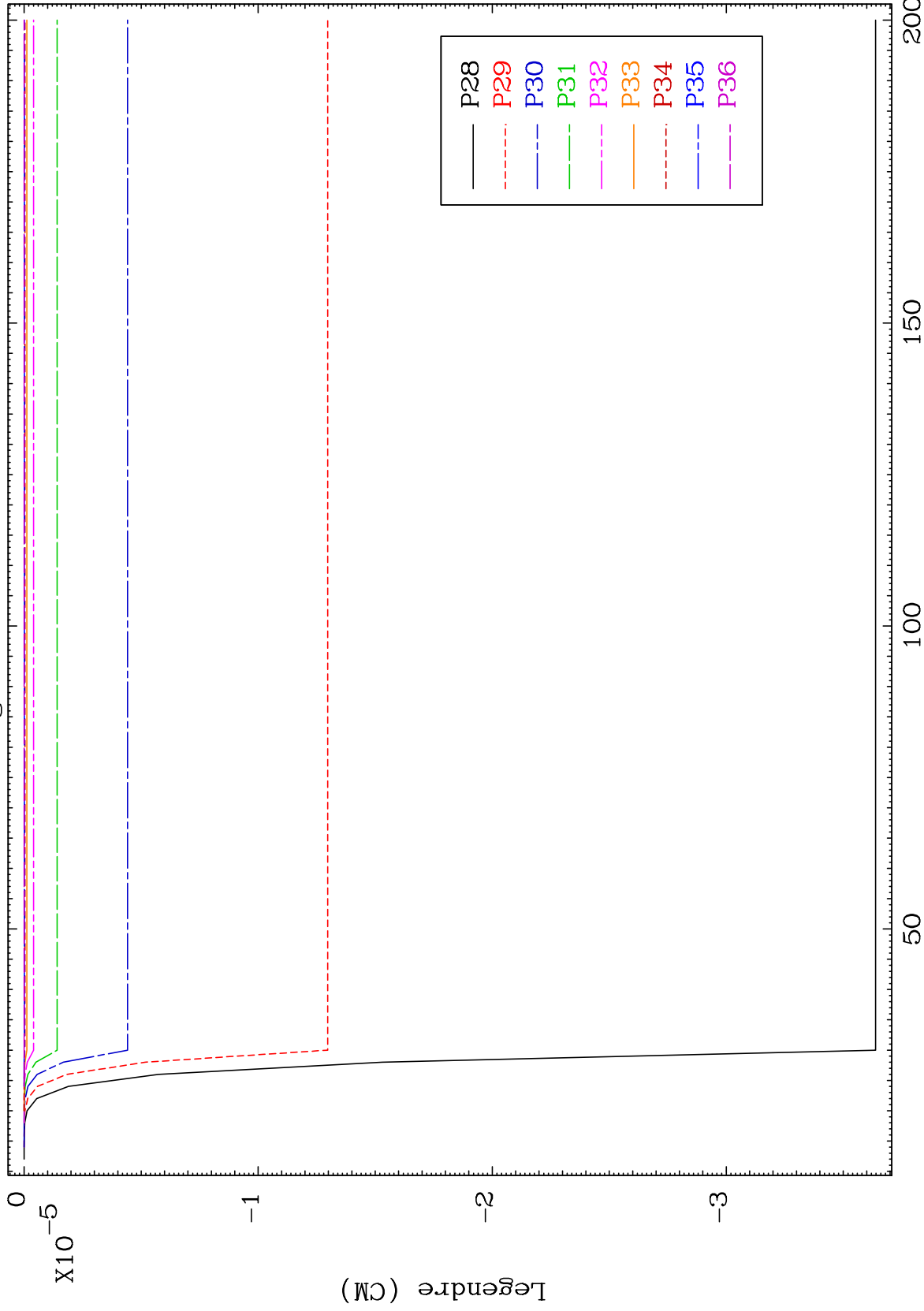
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



69-Tm-172

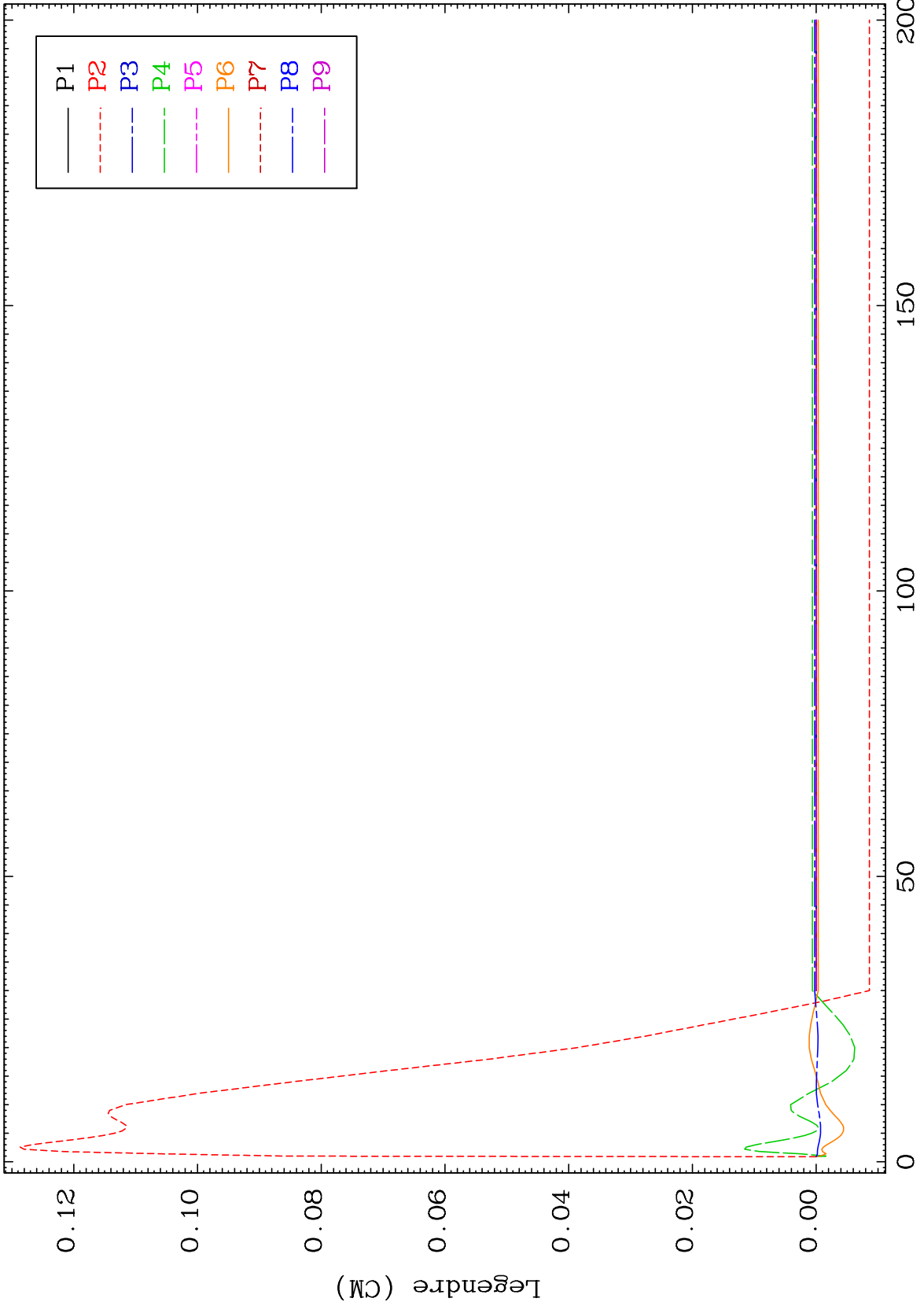
Incident Energy (MeV)

107

MAT 6934

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

69-Tm-172



69-Tm-172

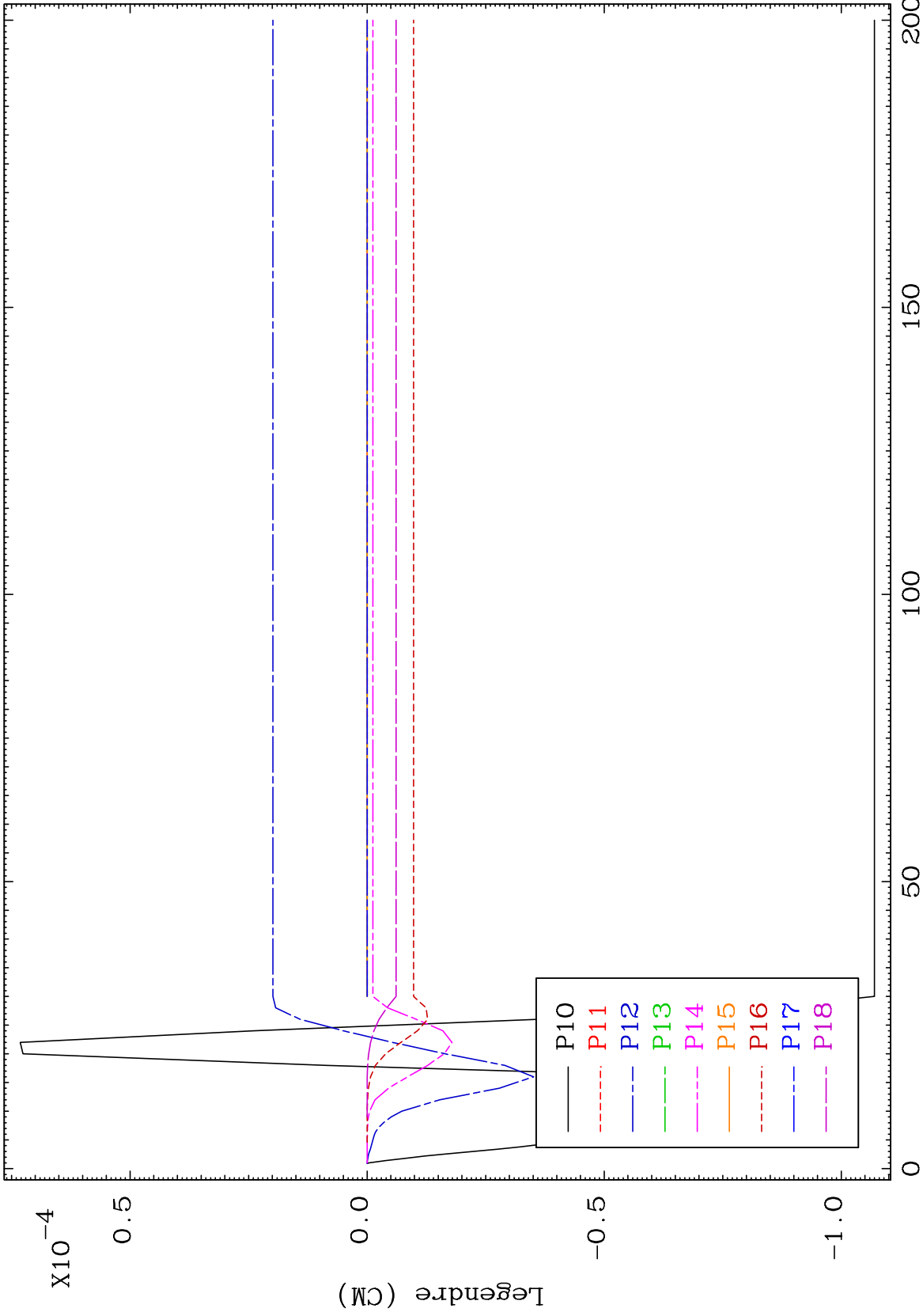
Incident Energy (MeV)

108

MAT 6934

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

69-Tm-172



109

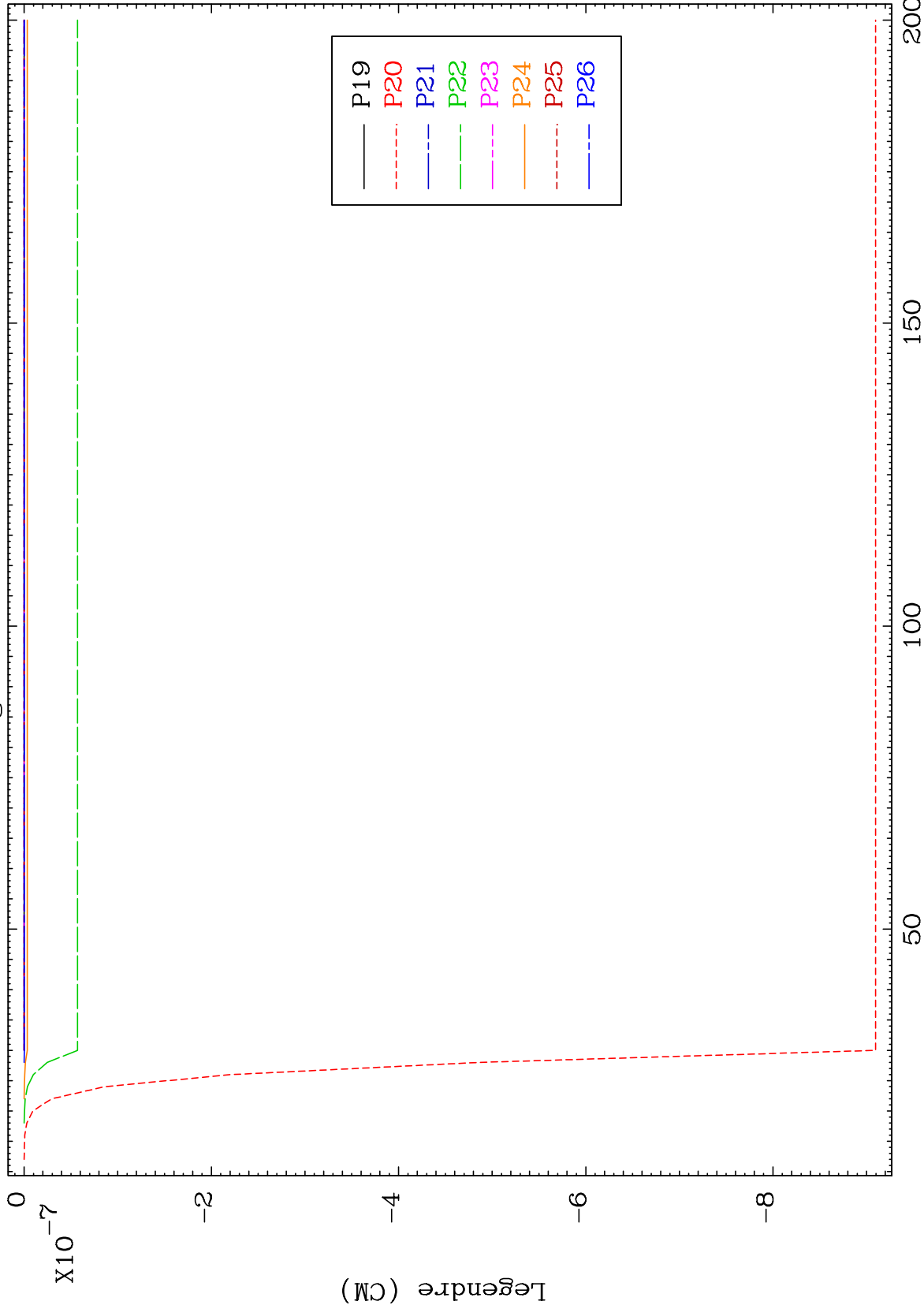
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



69-Tm-172

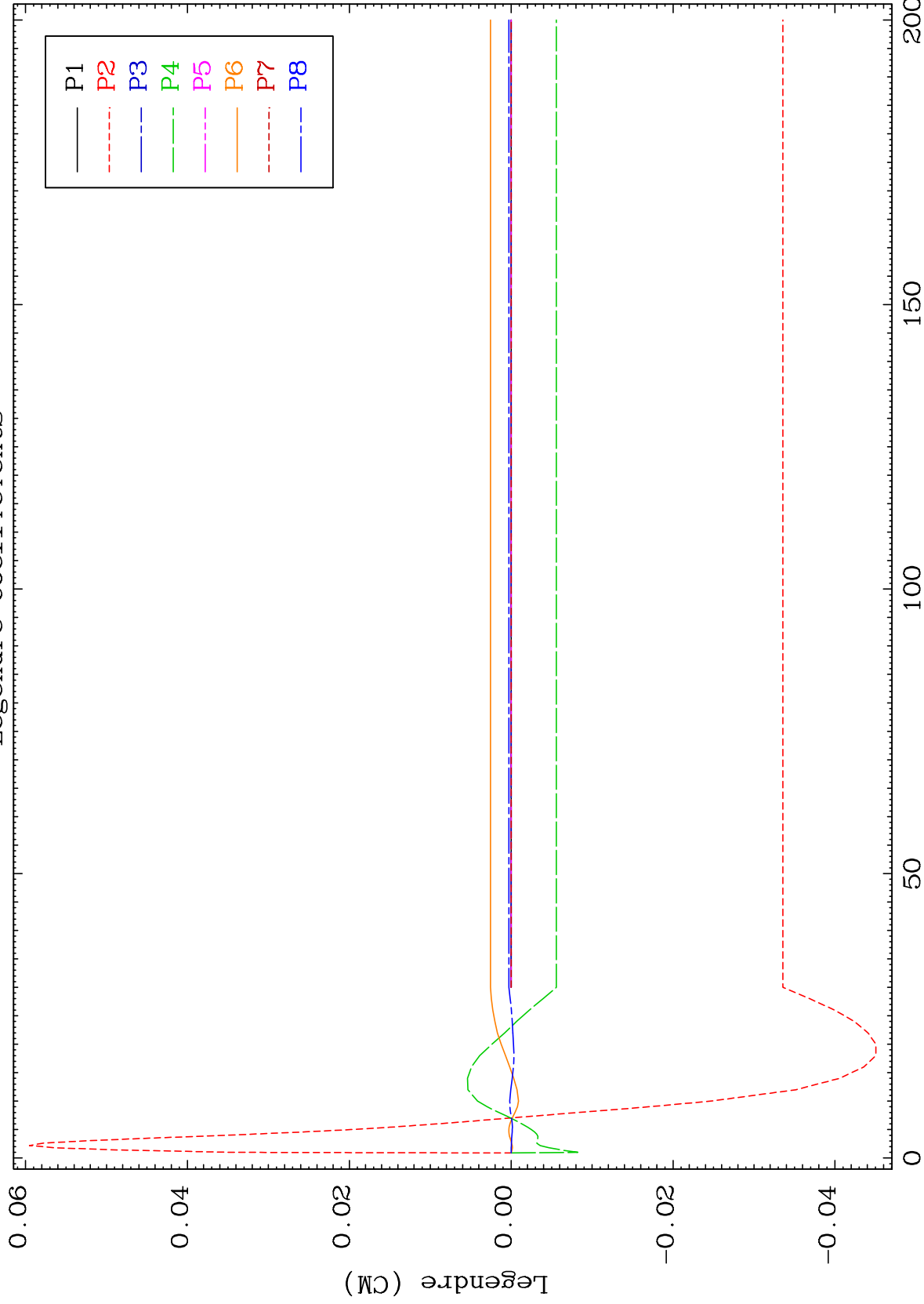
Incident Energy (MeV)

110

MAT 6934

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

69-Tm-172



111

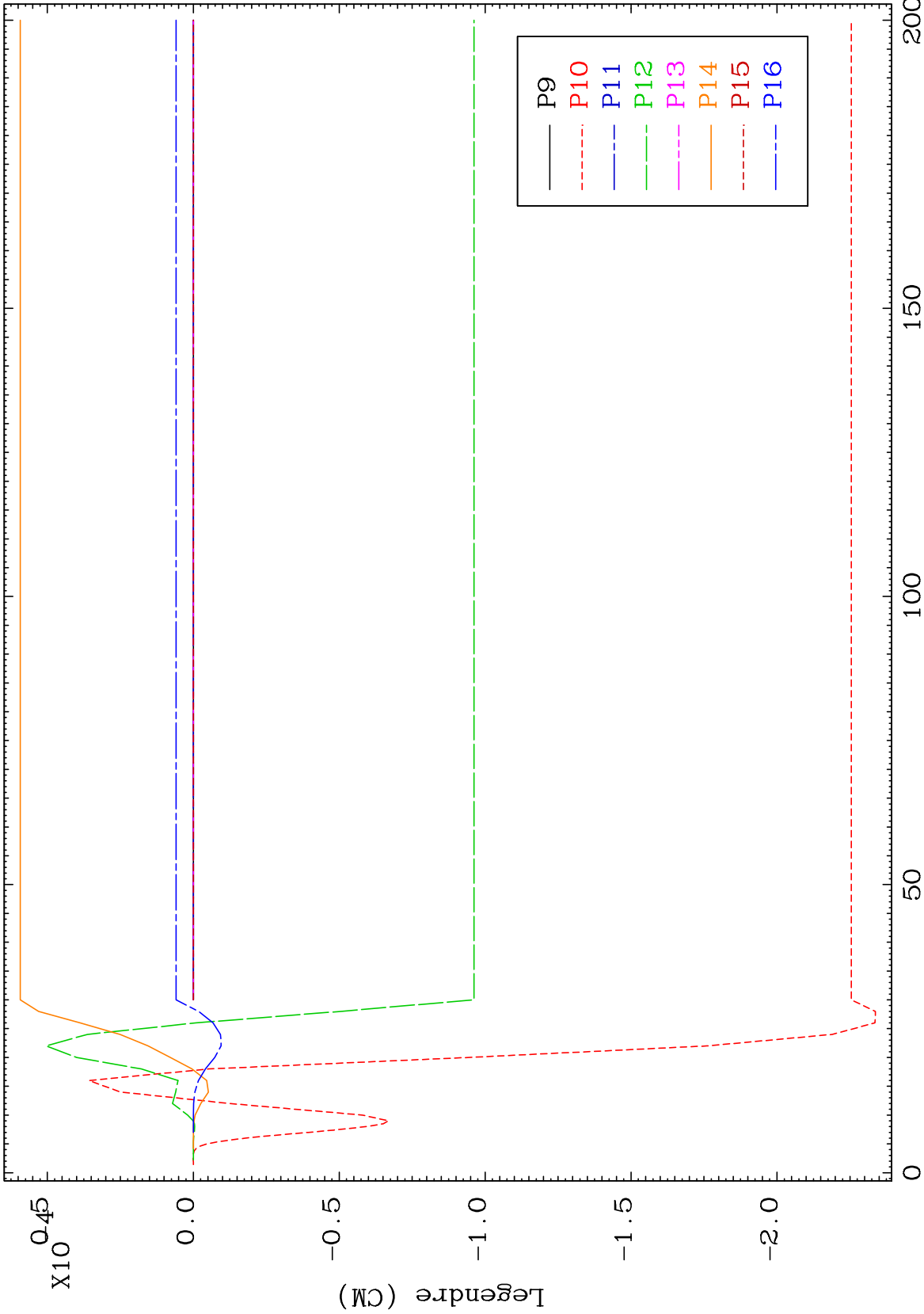
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



112

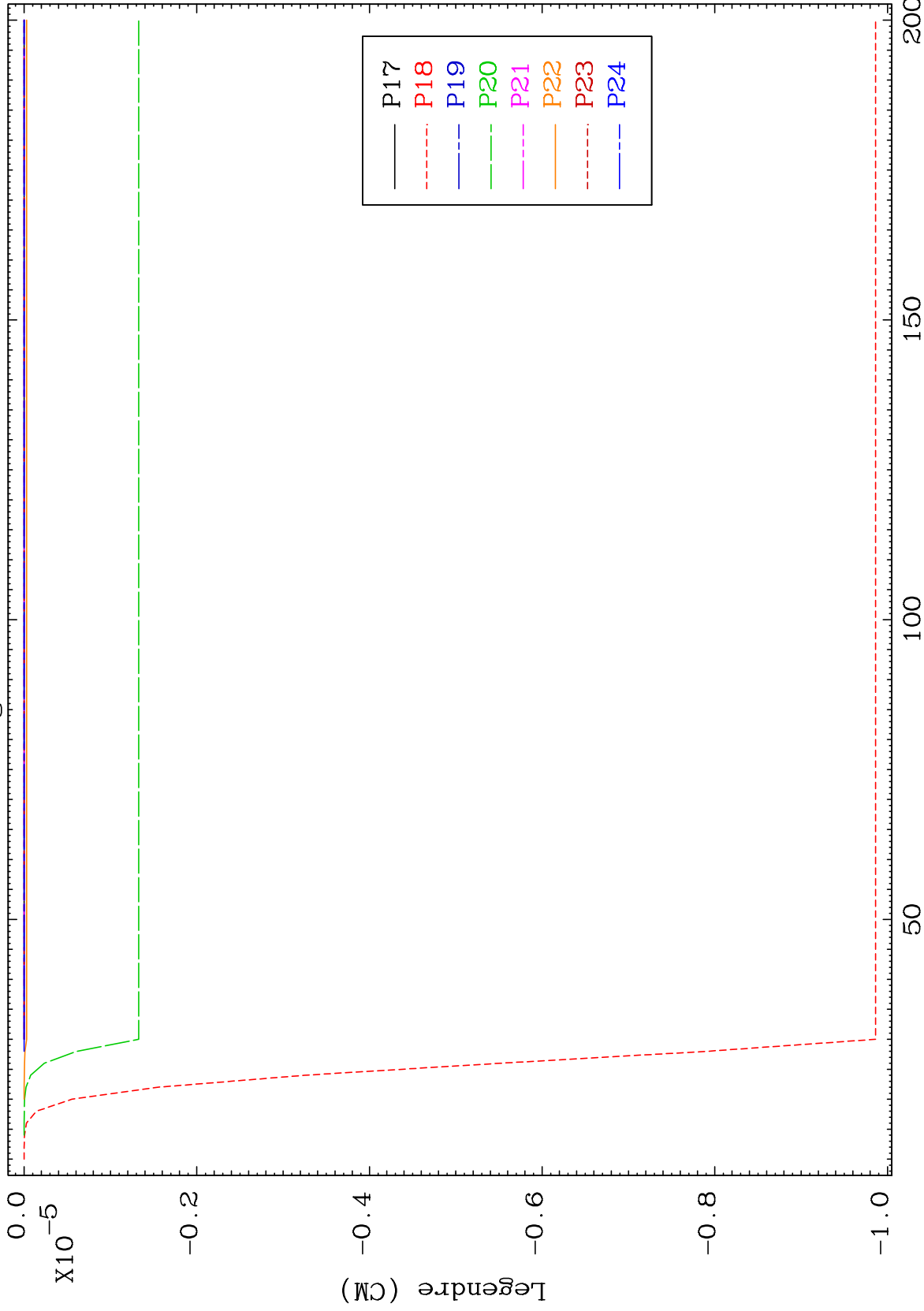
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



113

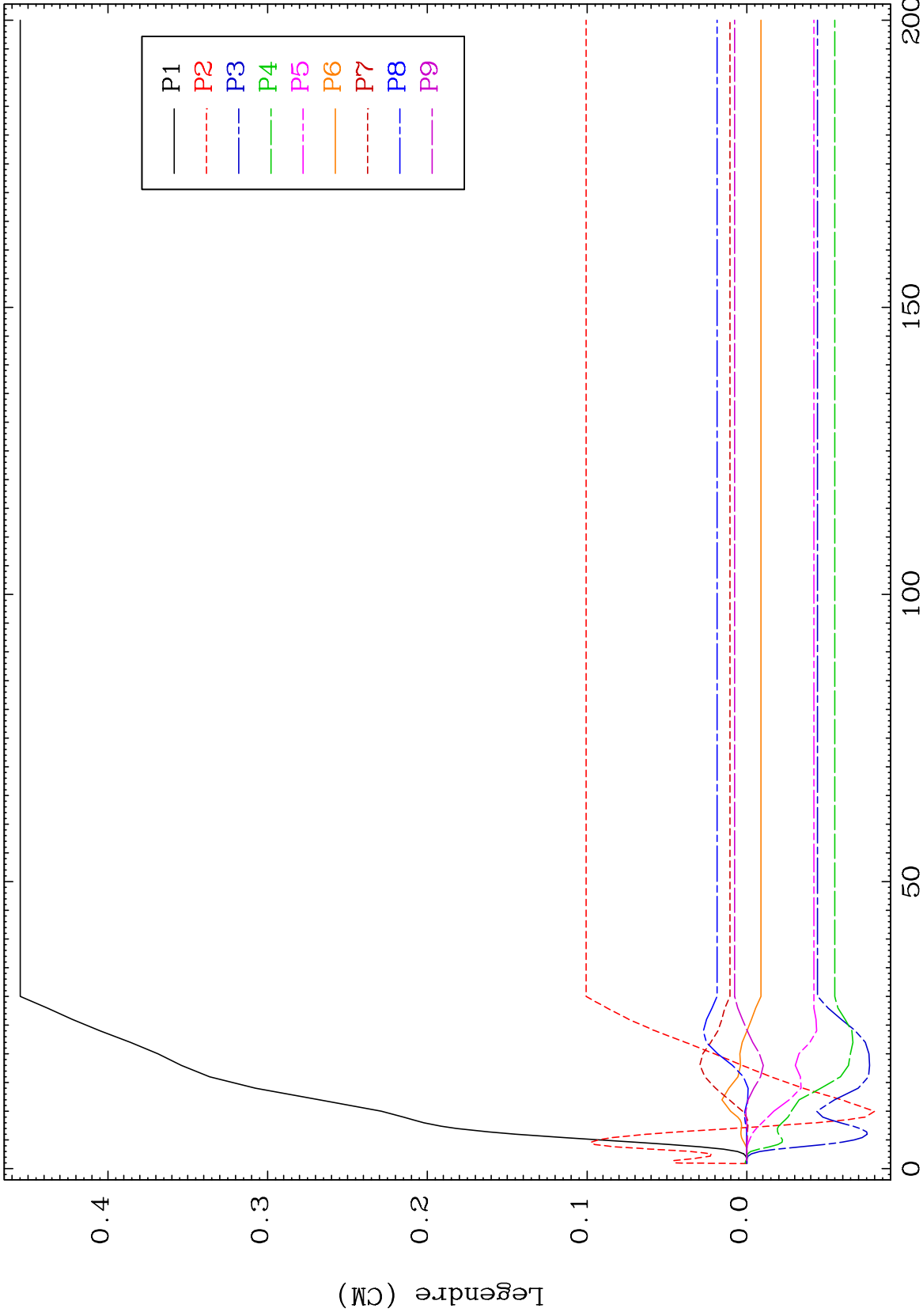
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



114

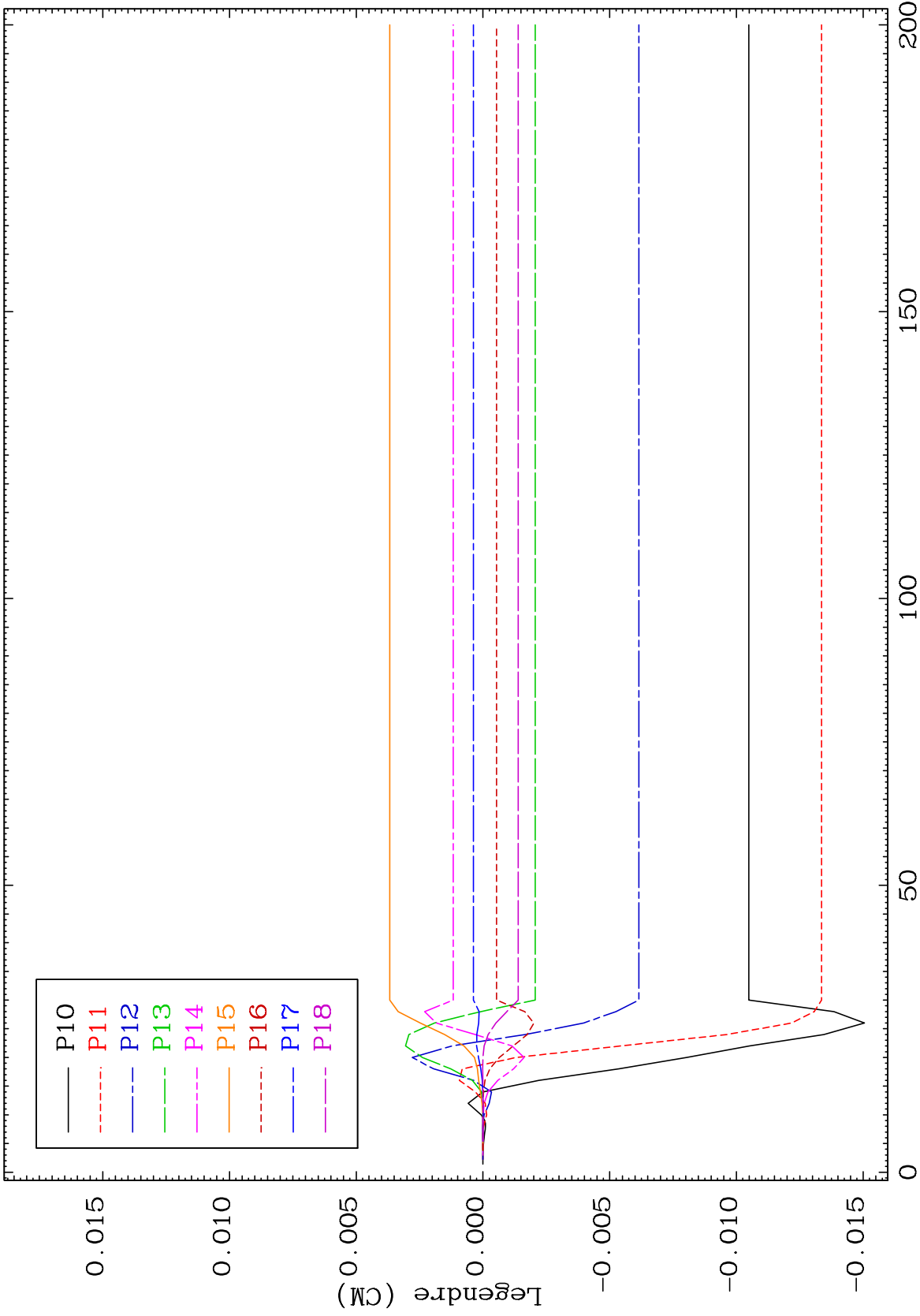
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



115

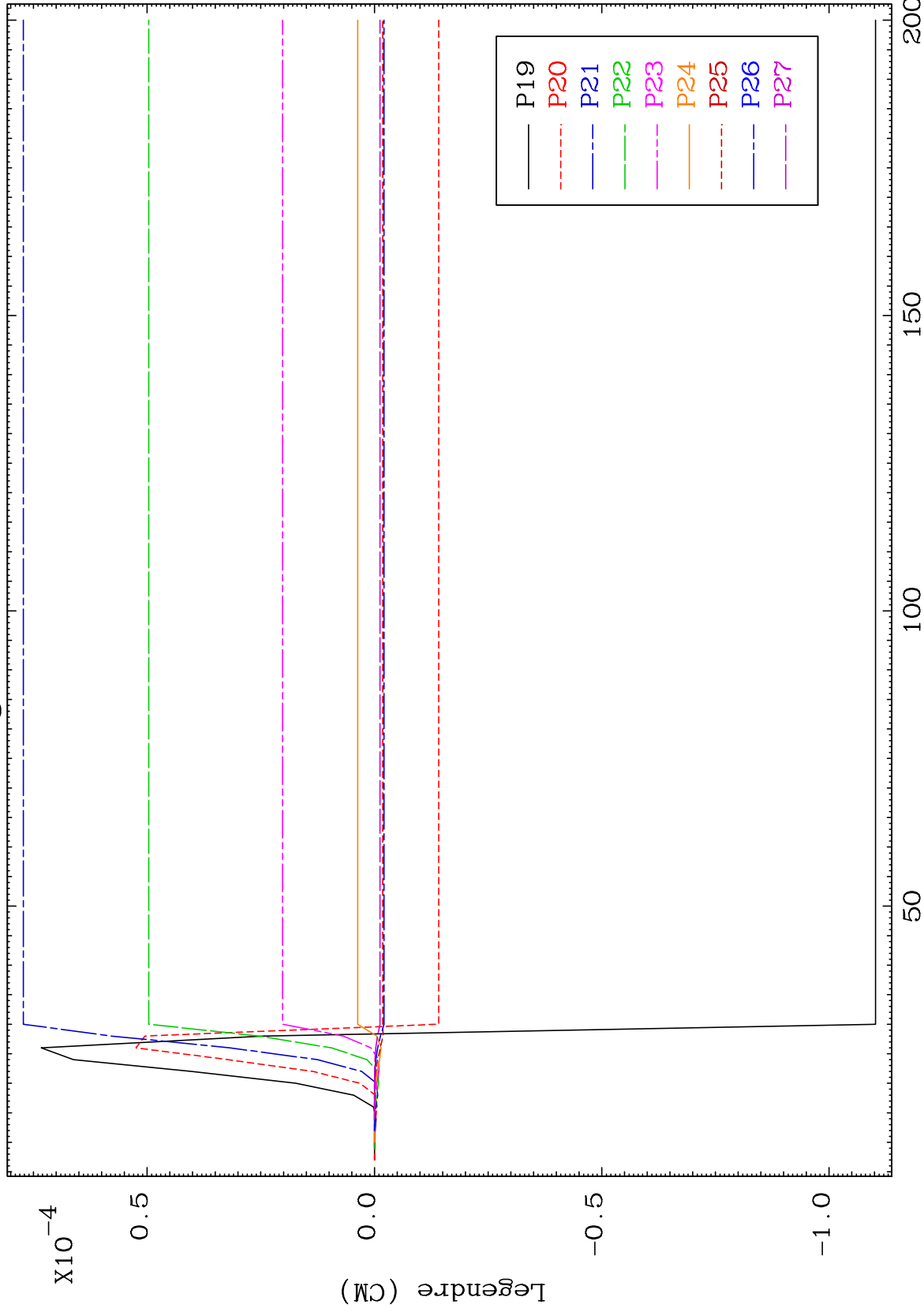
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



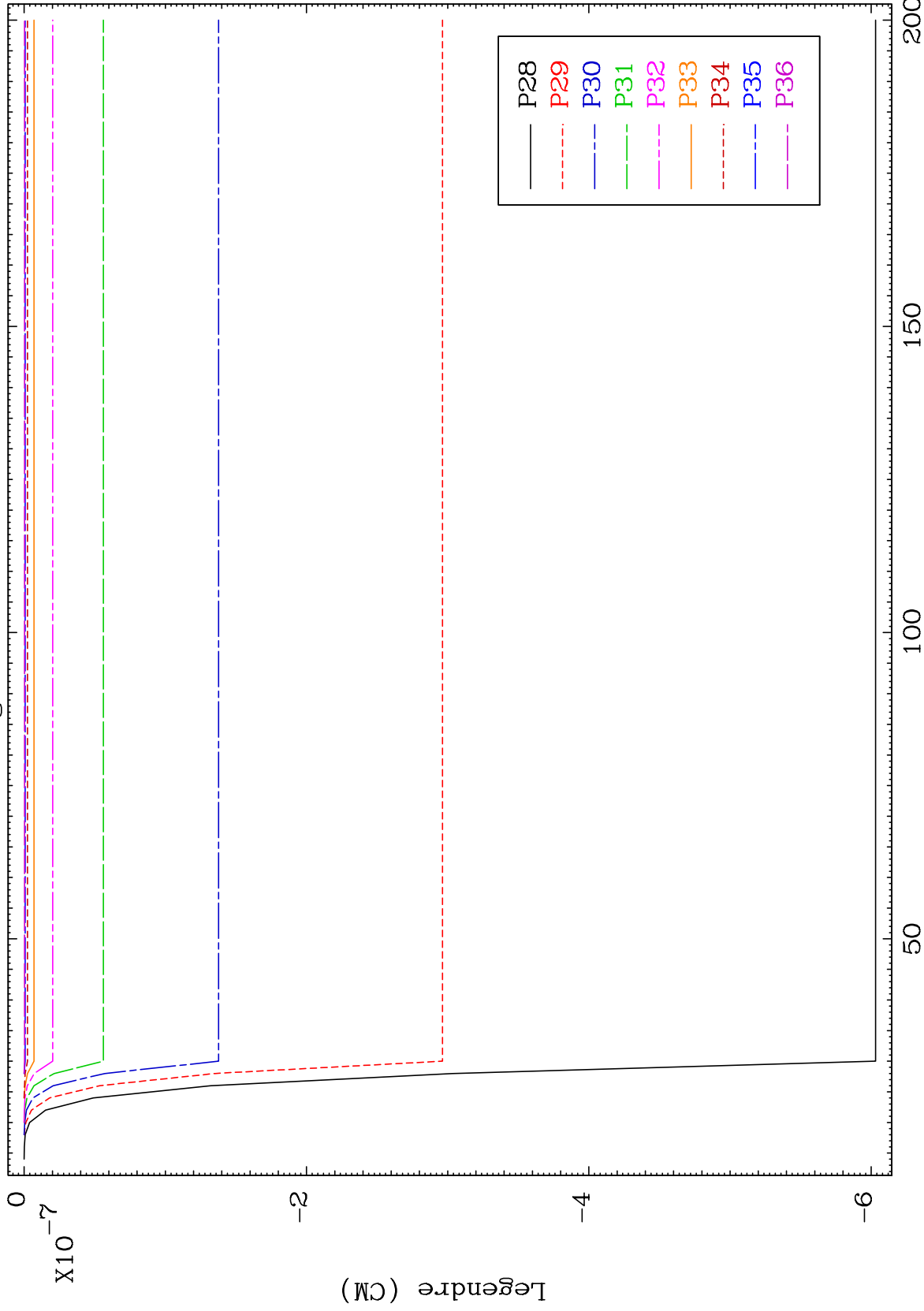
116

69-Tm-172

MAT 6934

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

69-Tm-172



69-Tm-172

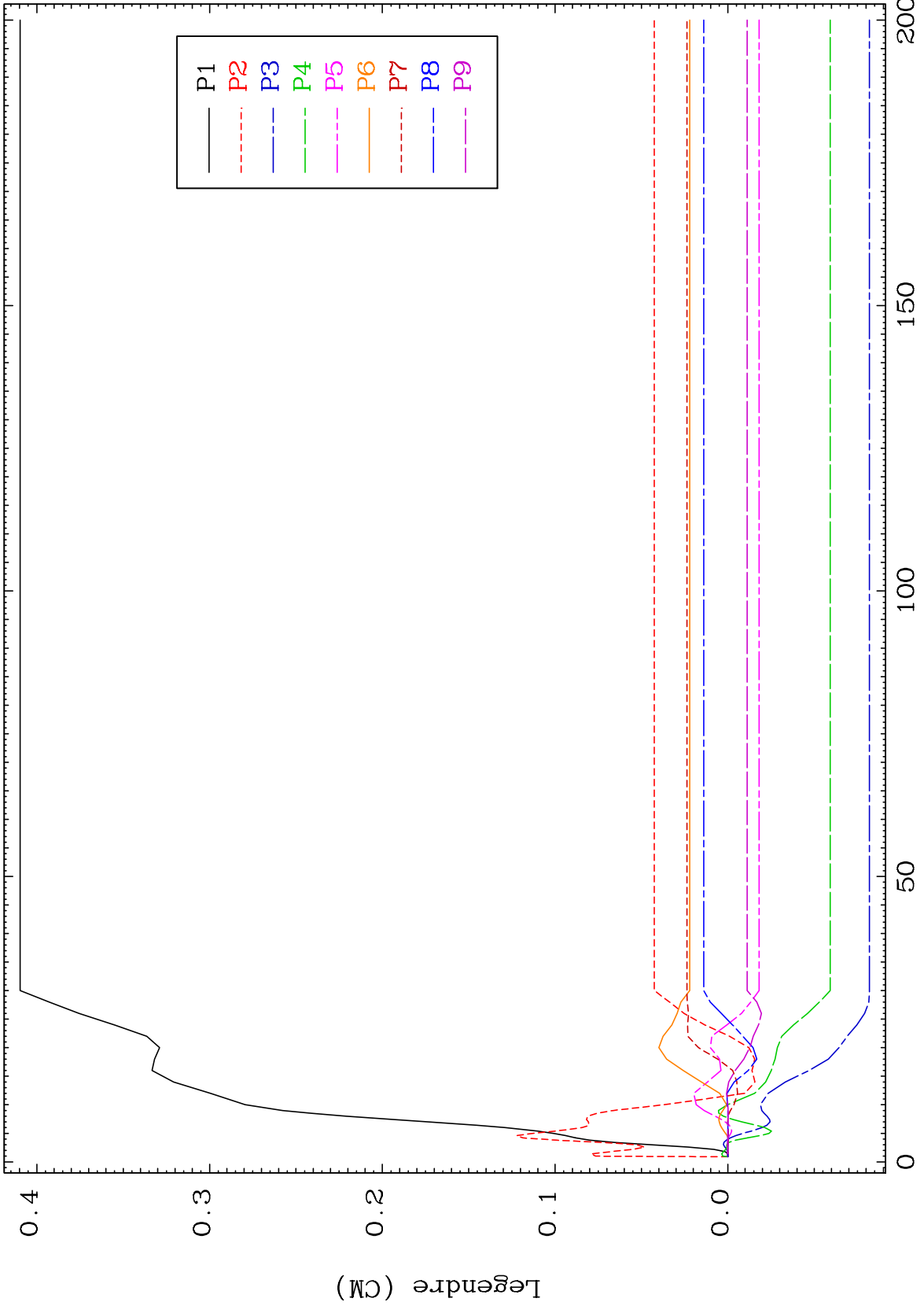
Incident Energy (MeV)

117

MAT 6934

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

69-Tm-172



118

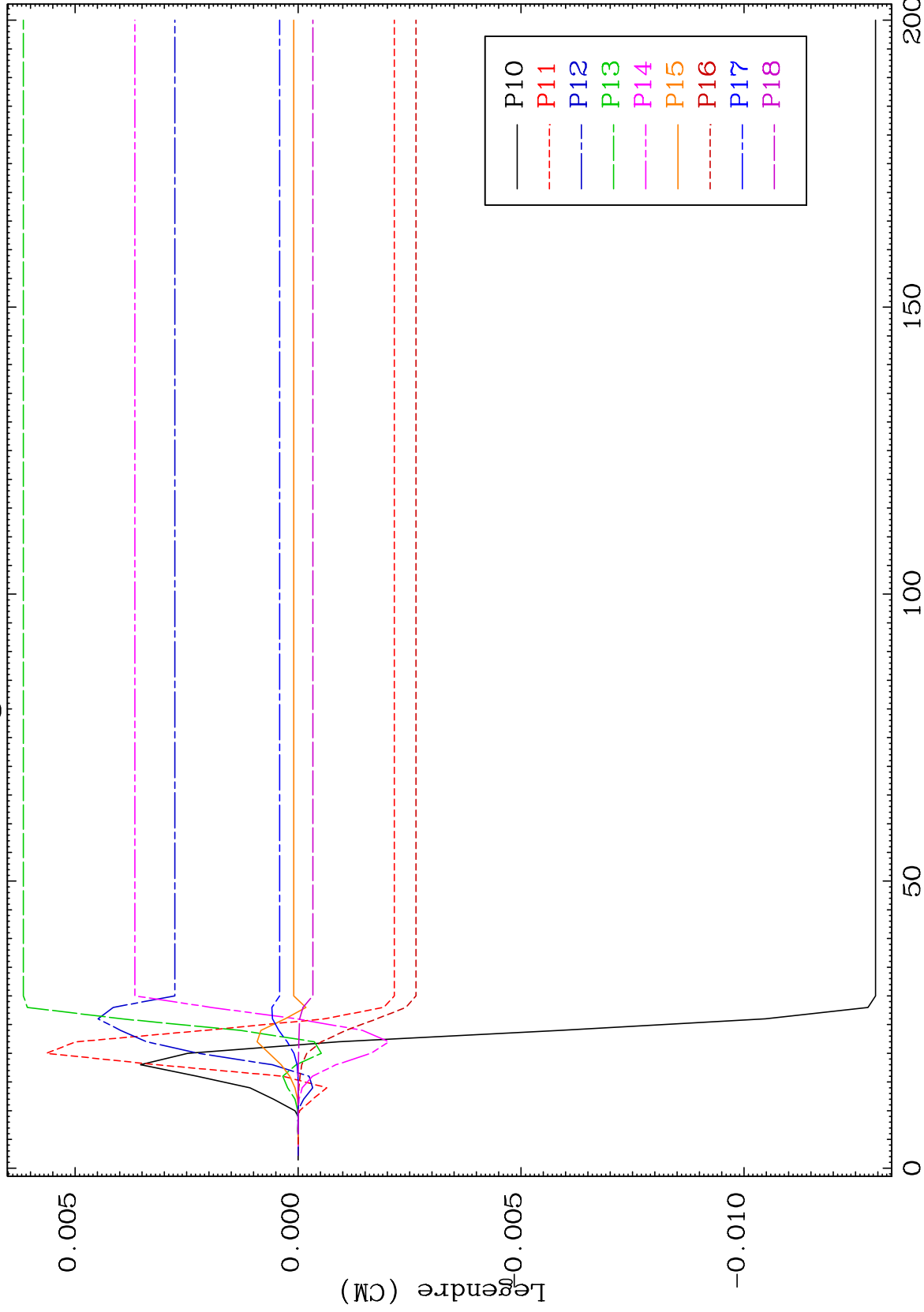
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



119

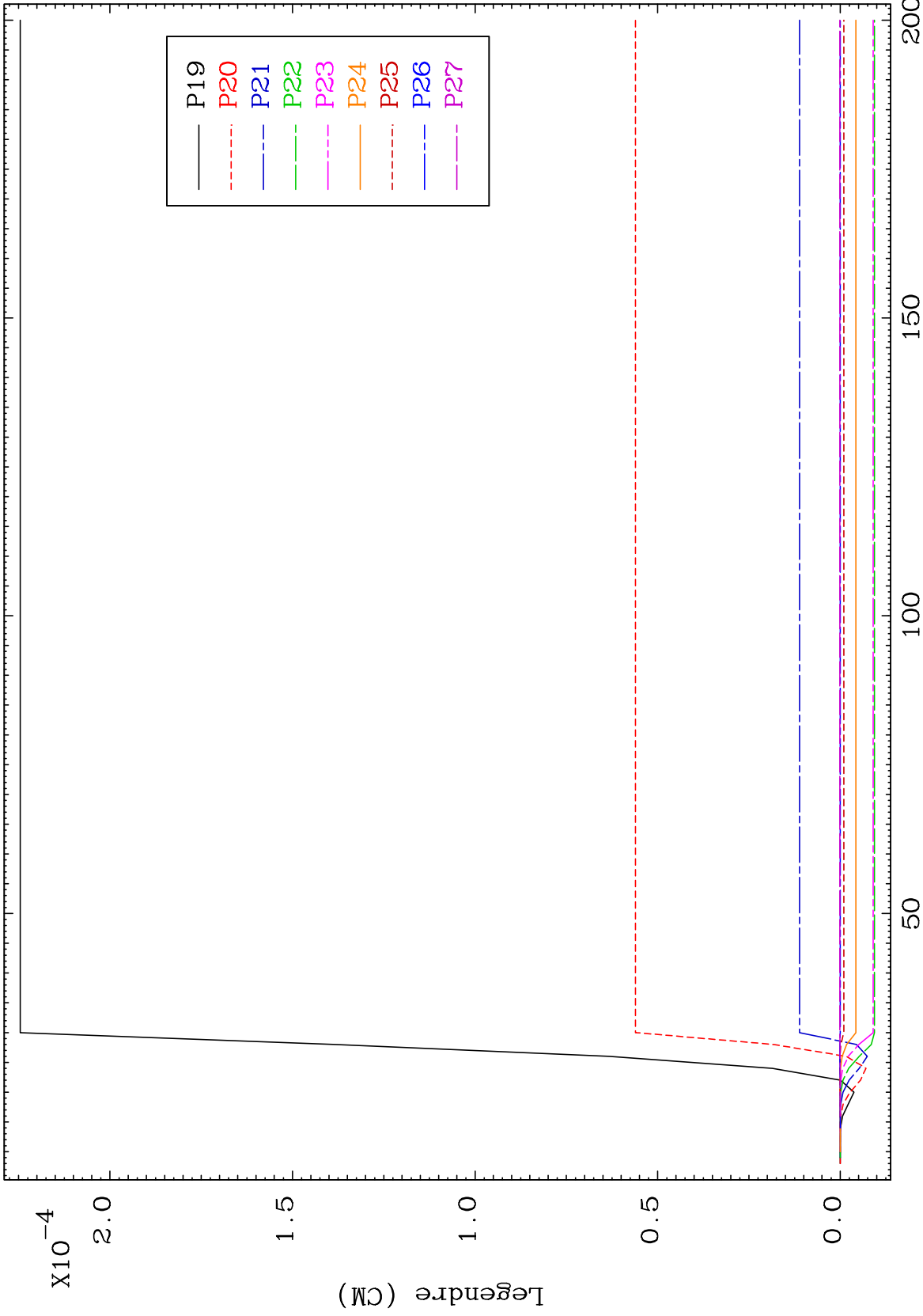
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



120

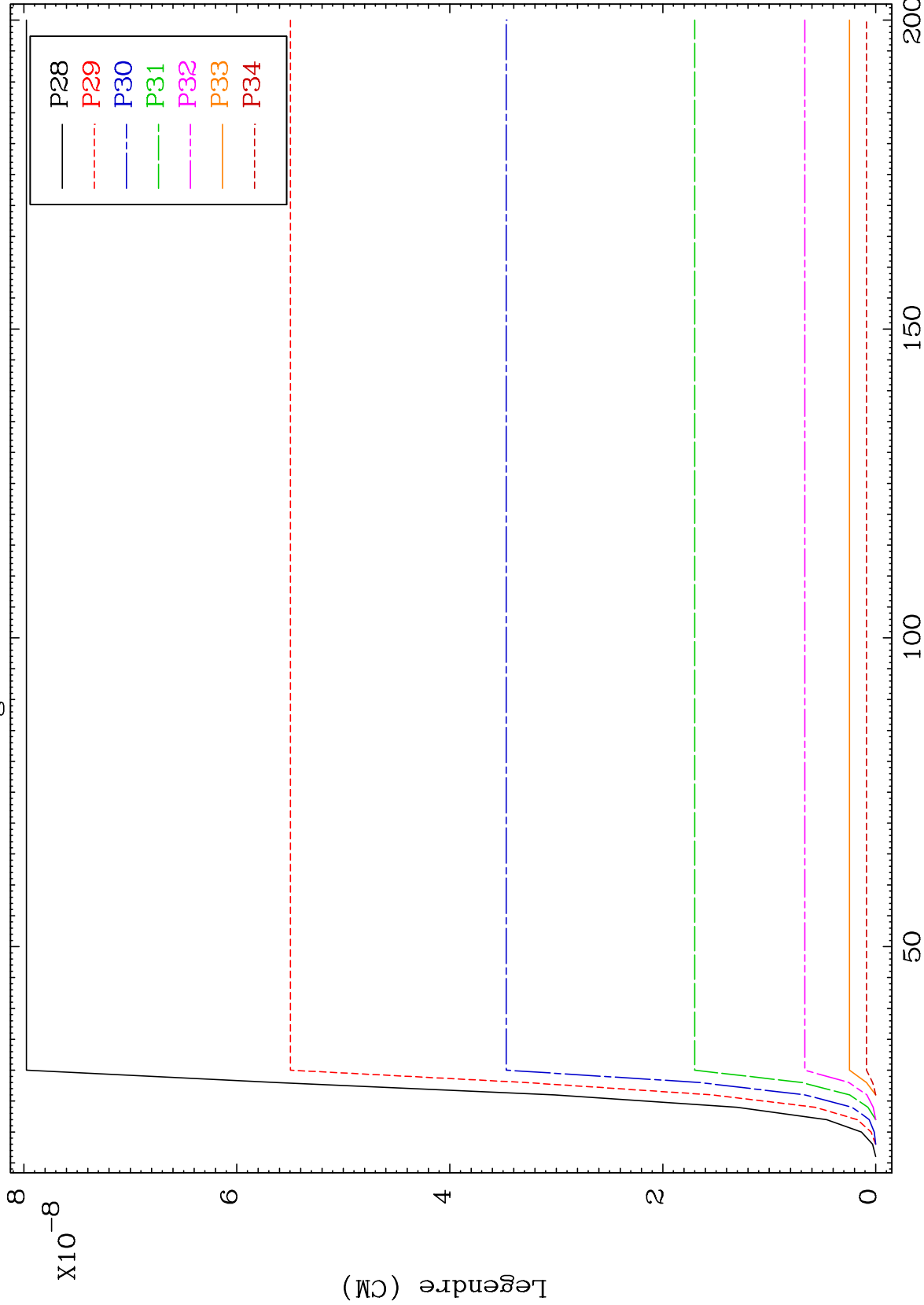
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



121

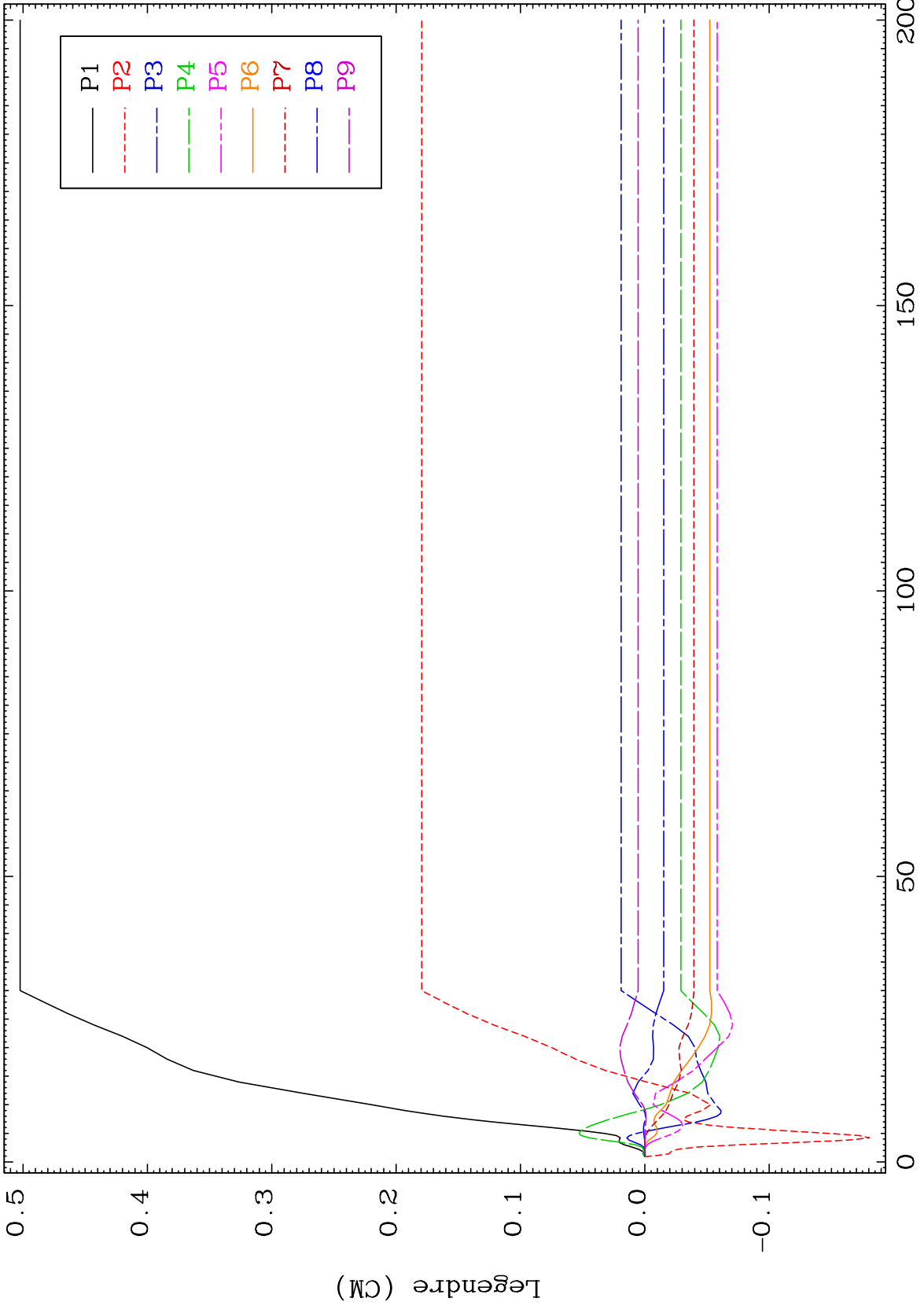
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

69-Tm-172



69-Tm-172

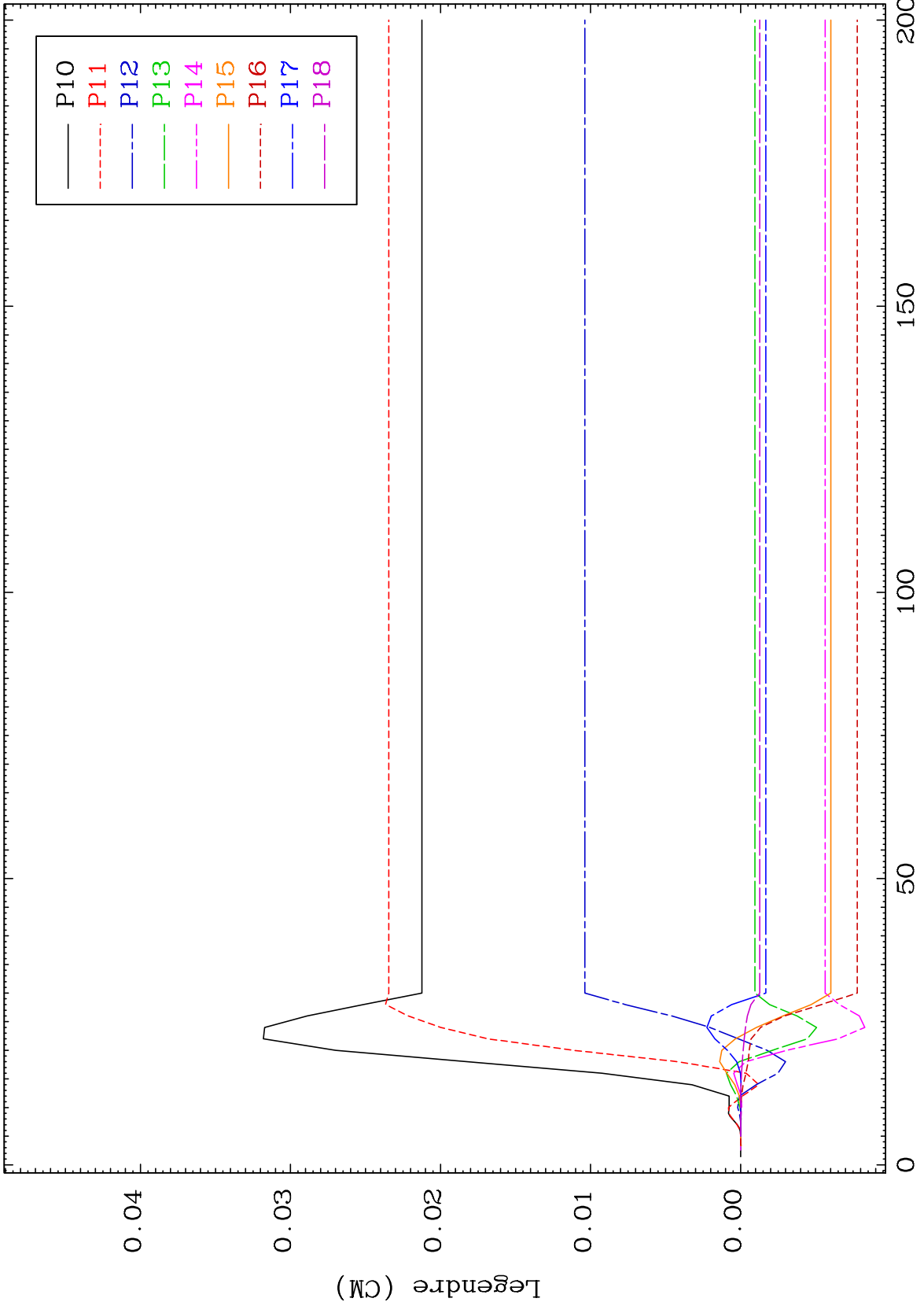
Incident Energy (MeV)

122

MAT 6934

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

69-Tm-172



123

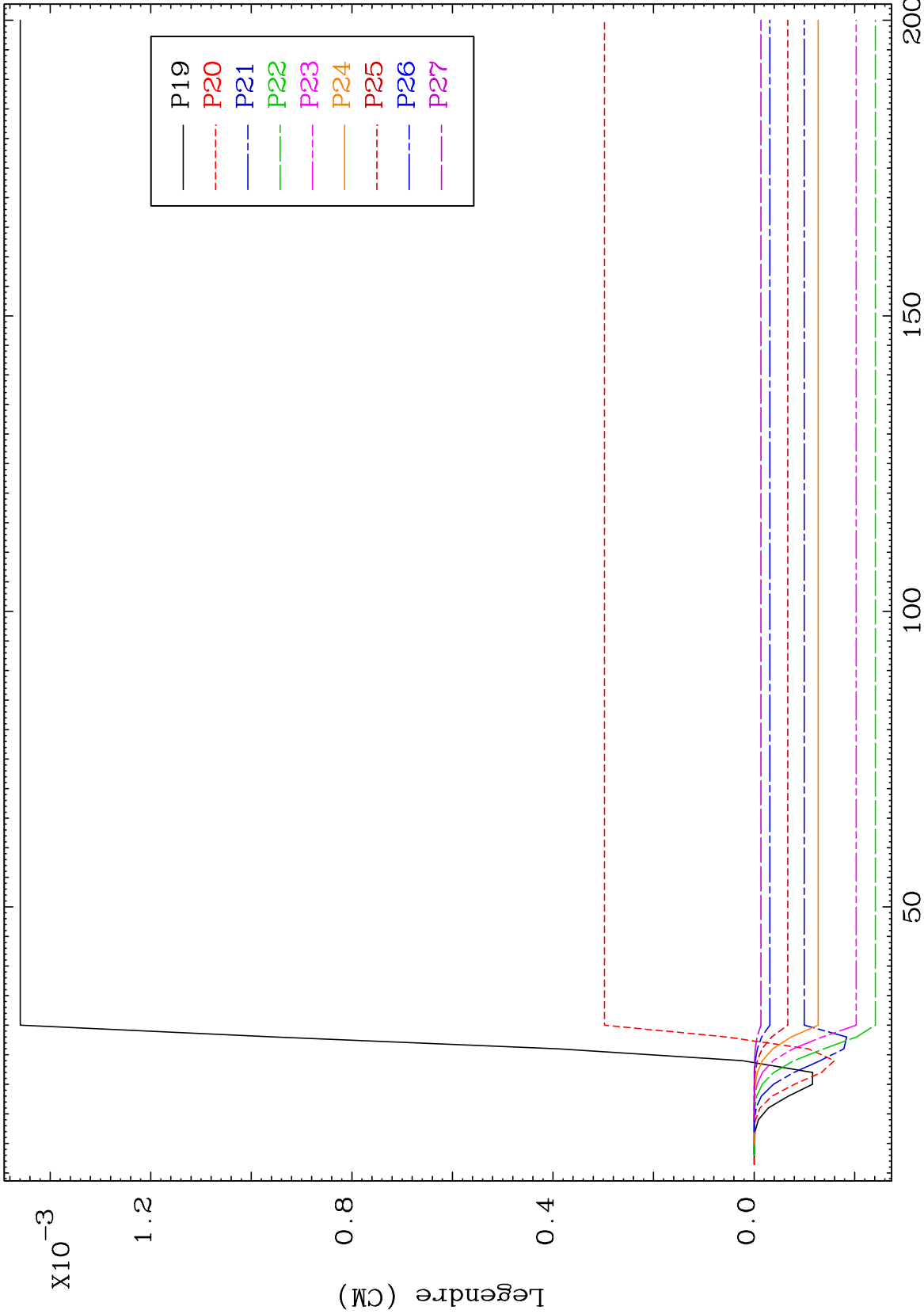
Incident Energy (MeV)

69-Tm-172

MAT 6934

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

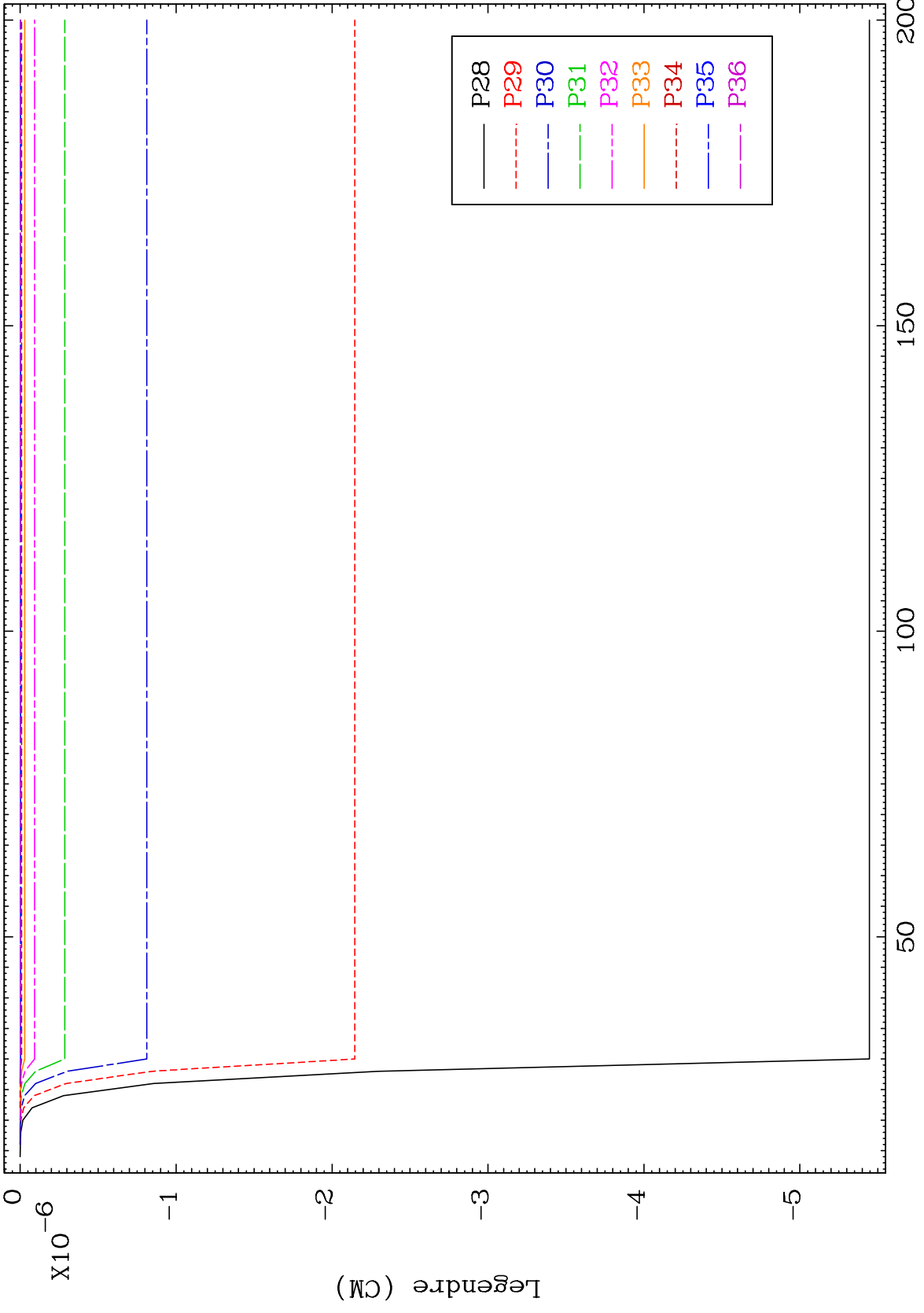
69-Tm-172



124

69-Tm-172

MAT 6934 MT= 80 (n,n') Level Legendre Coefficients 69-Tm-172



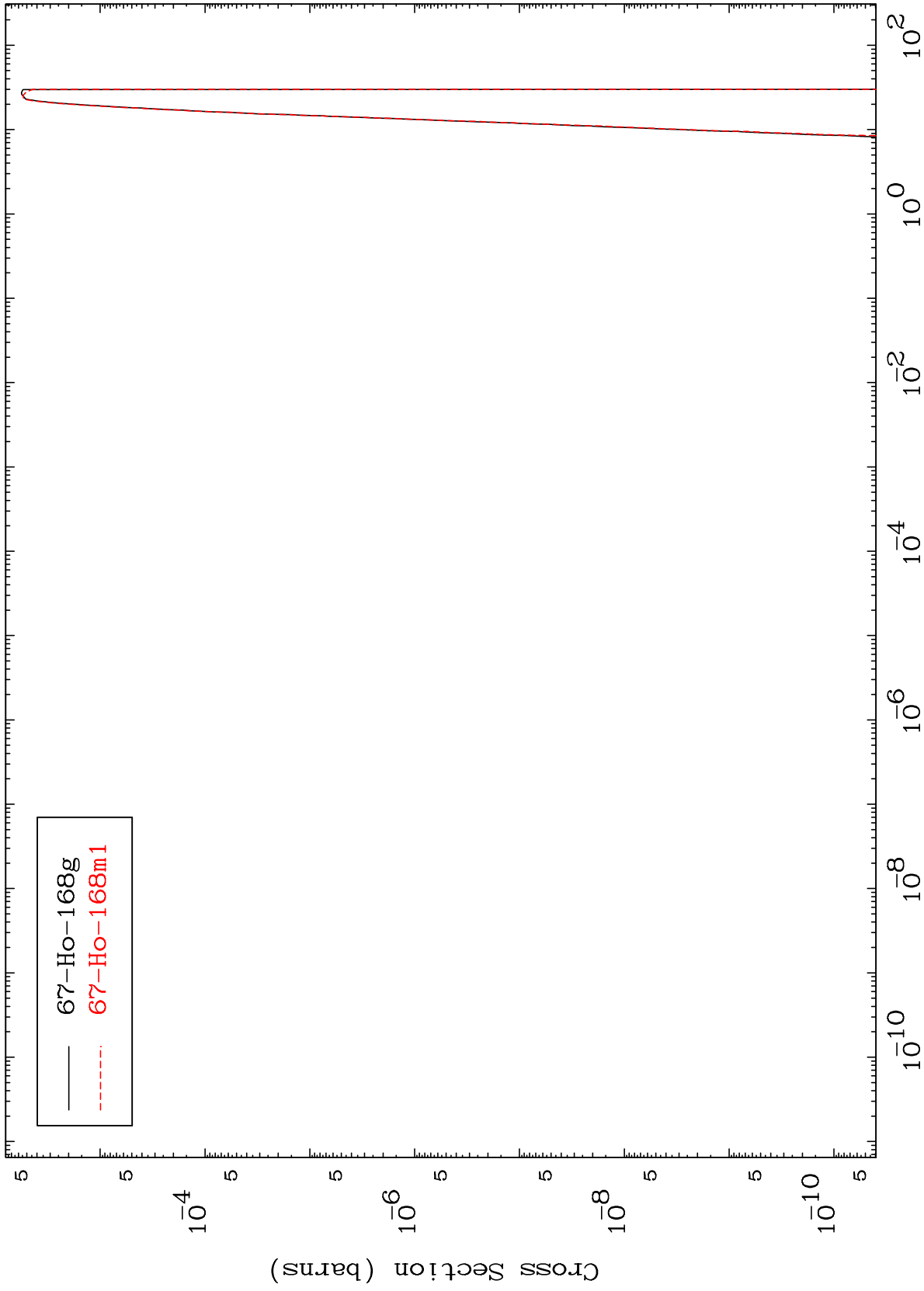
125 Incident Energy (MeV) 69-Tm-172

MAT 6934

(n,n') α

69-Tm-172

Radionuclide Production Cross Section



126

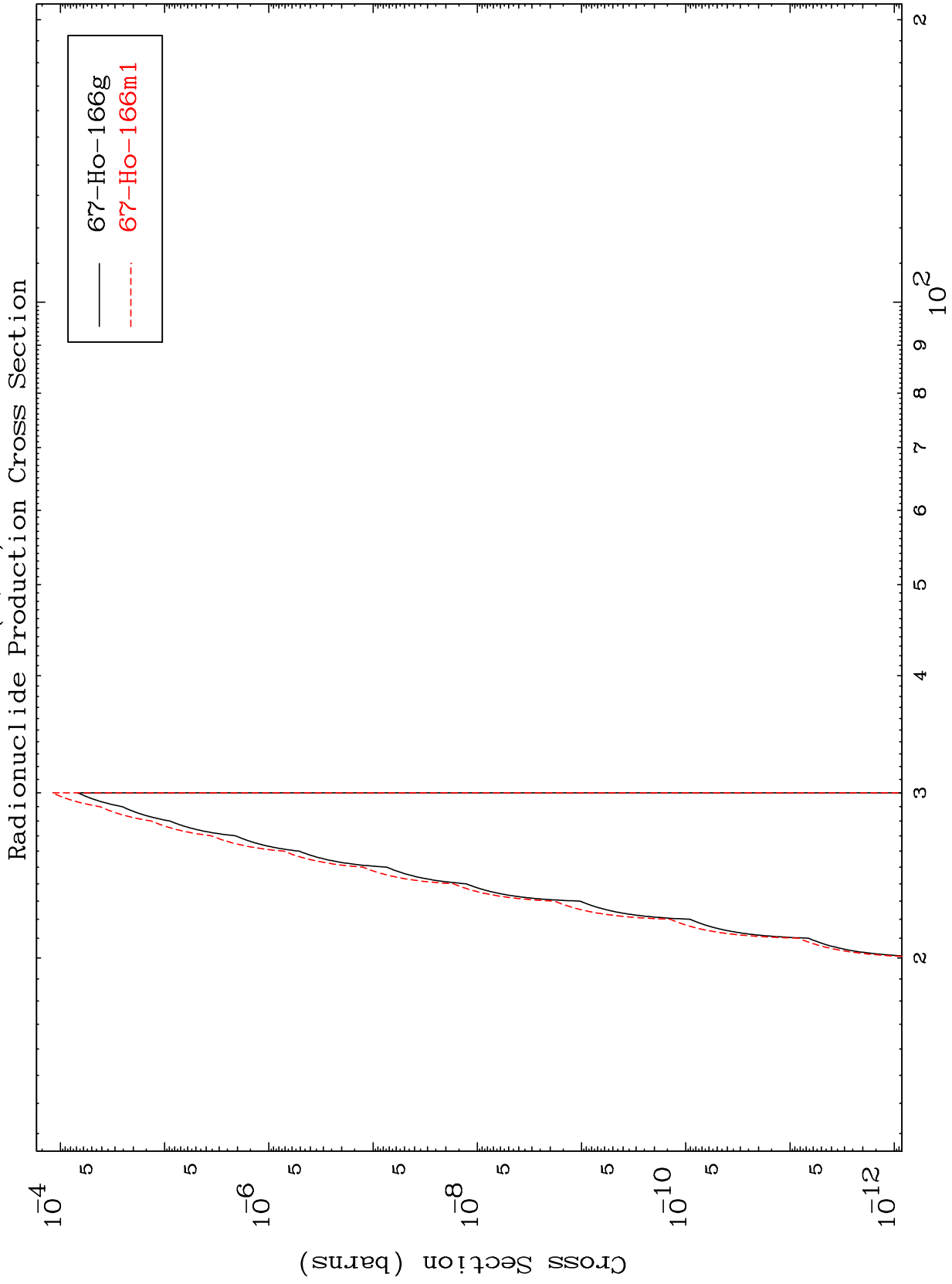
Incident Energy (MeV)

69-Tm-172

MAT 6934

(n,3n) α

69-Tm-172



127

Incident Energy (MeV)

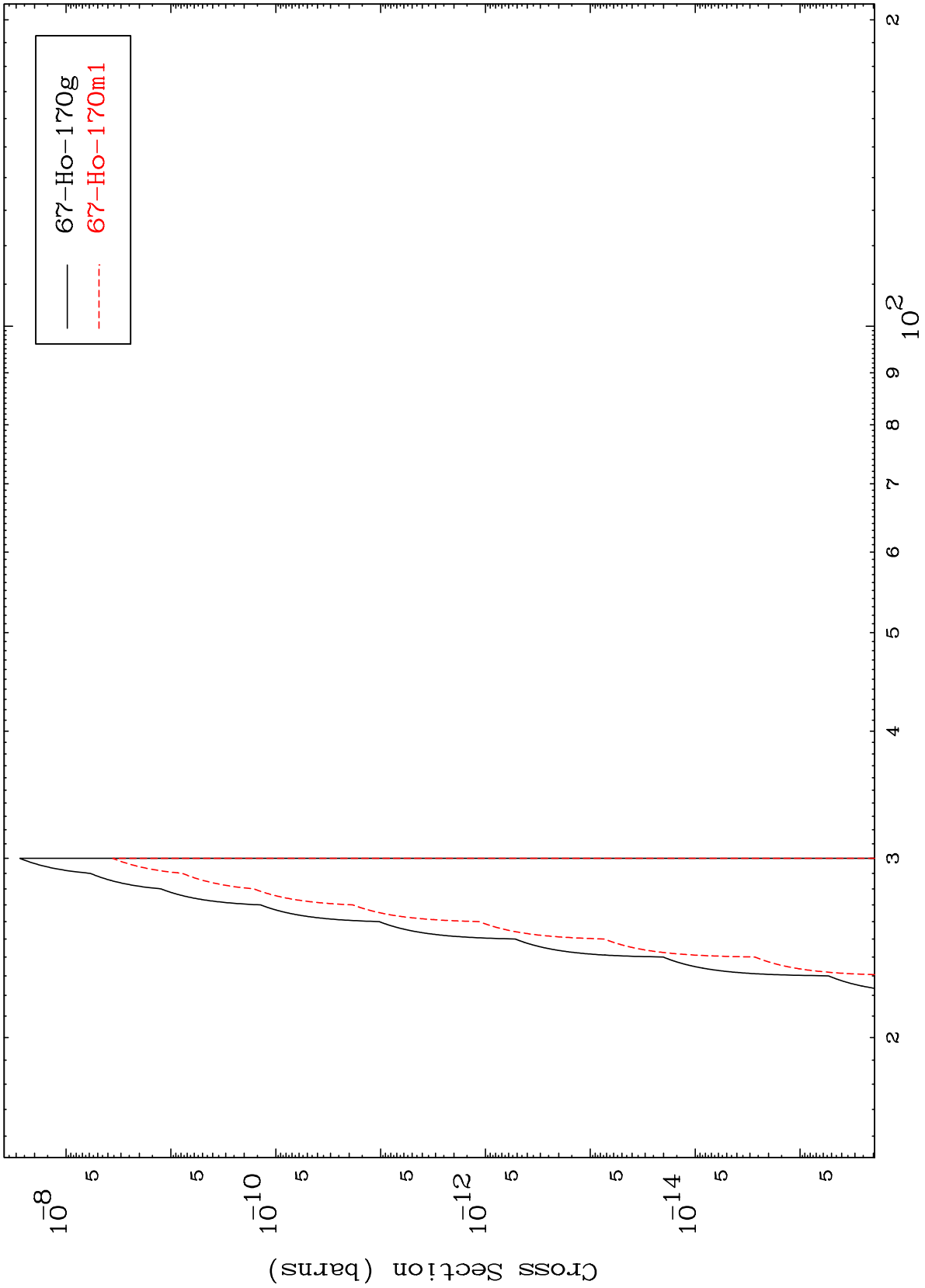
69-Tm-172

MAT 6934

(n,2n) p

69-Tm-172

Radionuclide Production Cross Section



67-Ho-170g
67-Ho-170m1

128

Incident Energy (MeV)

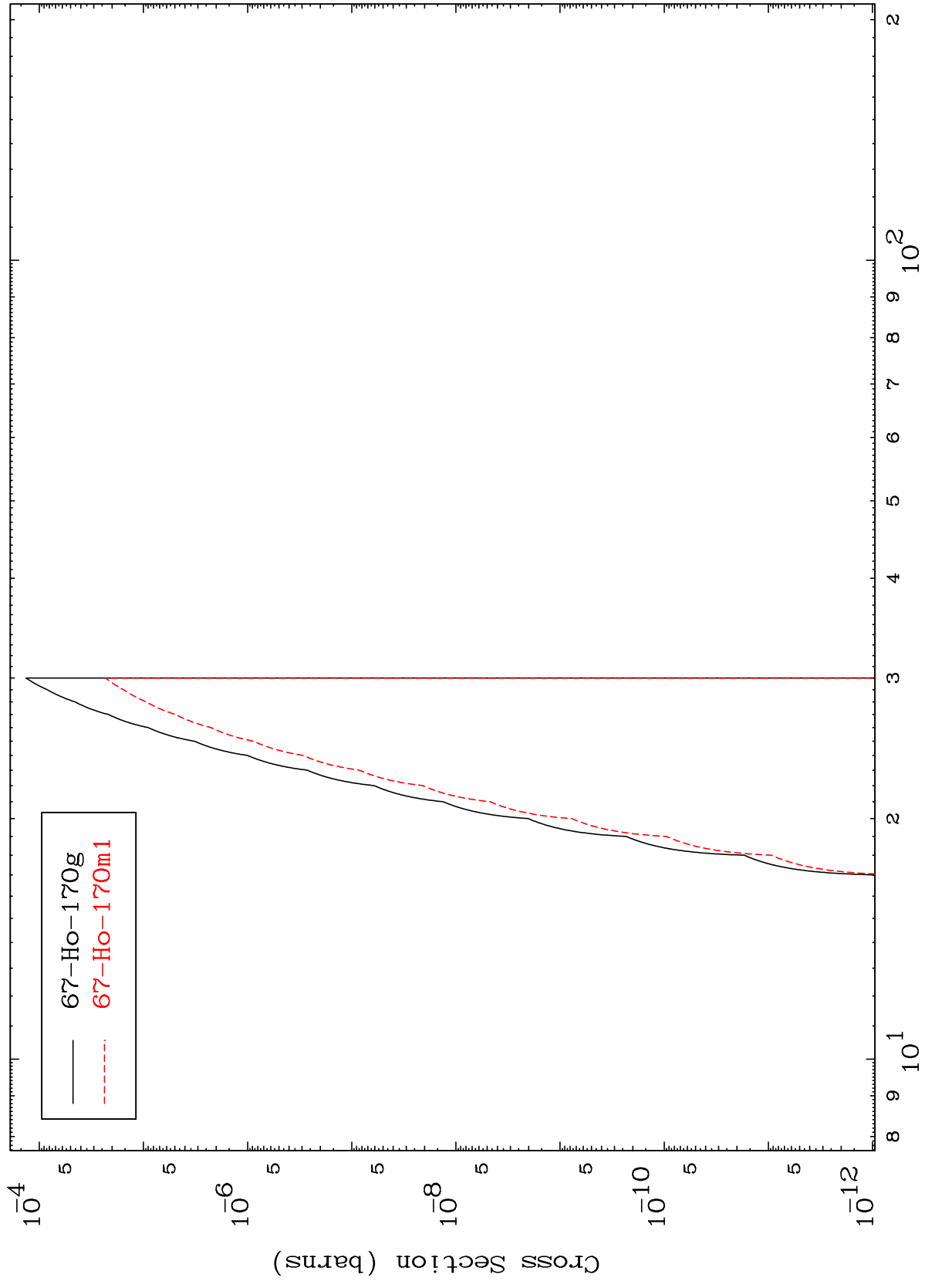
69-Tm-172

MAT 6934

(n, He-3)

69-Tm-172

Radionuclide Production Cross Section



129

Incident Energy (MeV)

69-Tm-172