

Program EVALPLOT
(Version 2018-1)

by

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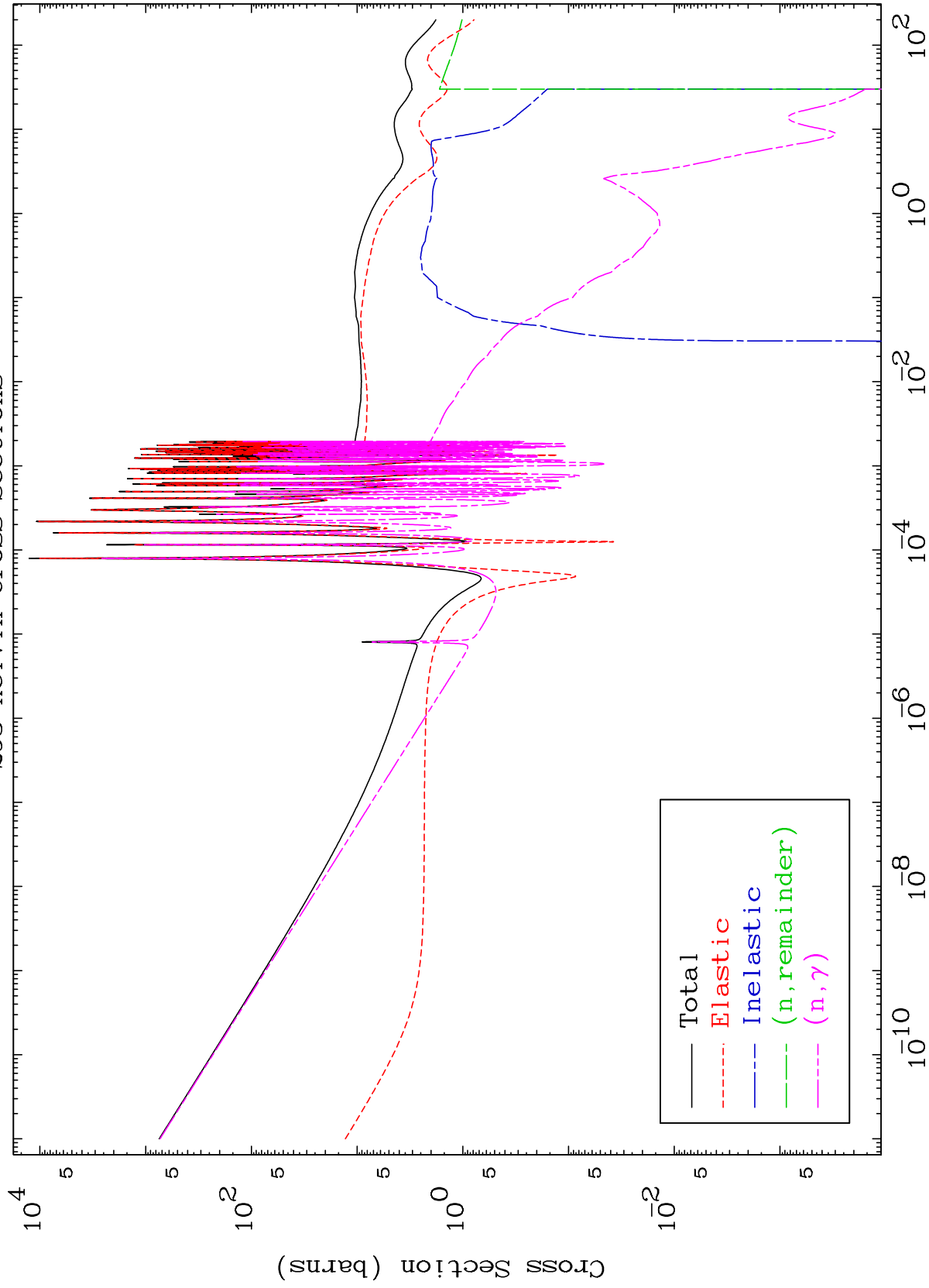
Press Mouse Button to Start

MAT 4349

Major

293 Kelvin Cross Sections

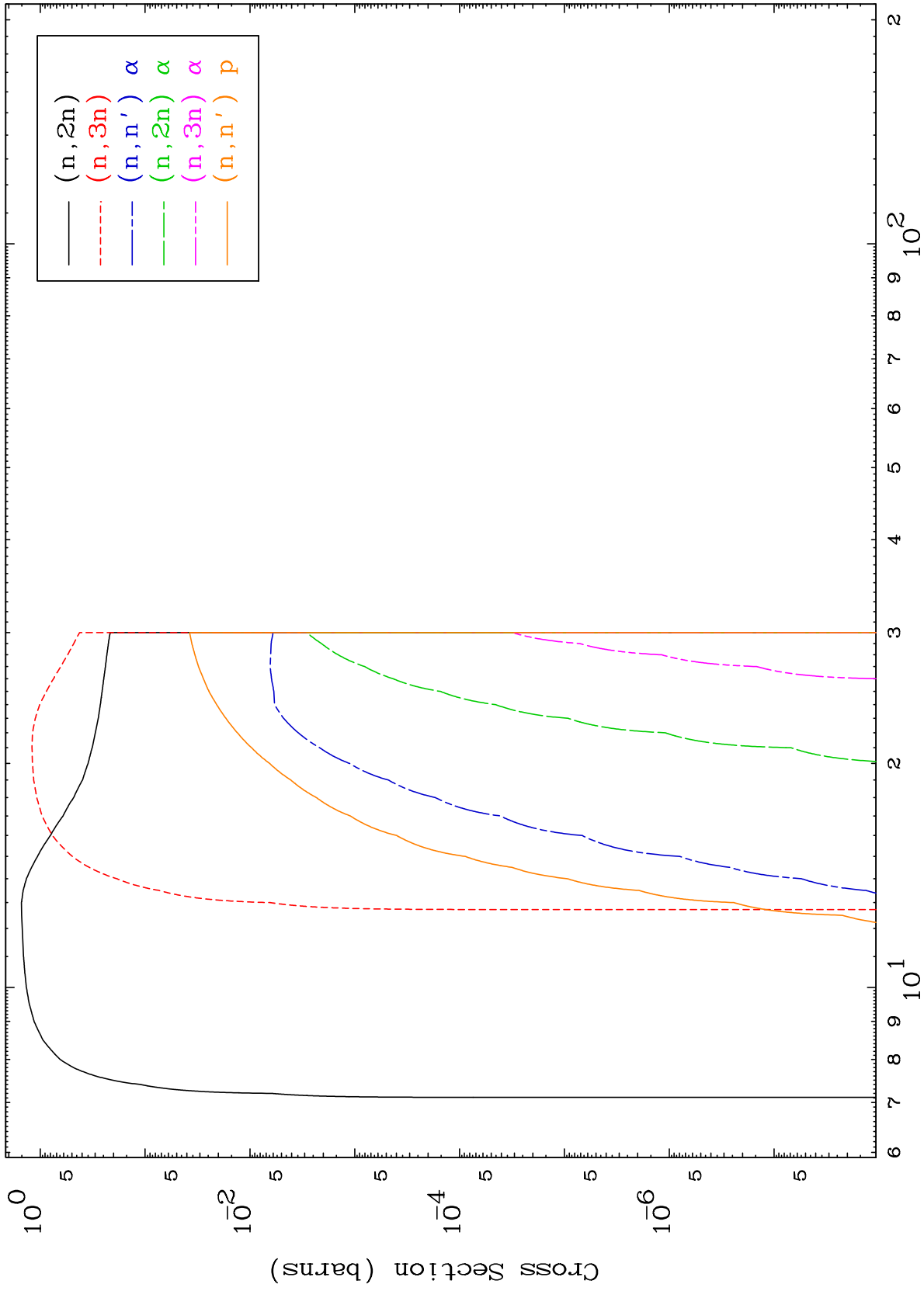
43-Tc-107



MAT 4349

Neutron Production
293 Kelvin Cross Sections

43-Tc-107



2

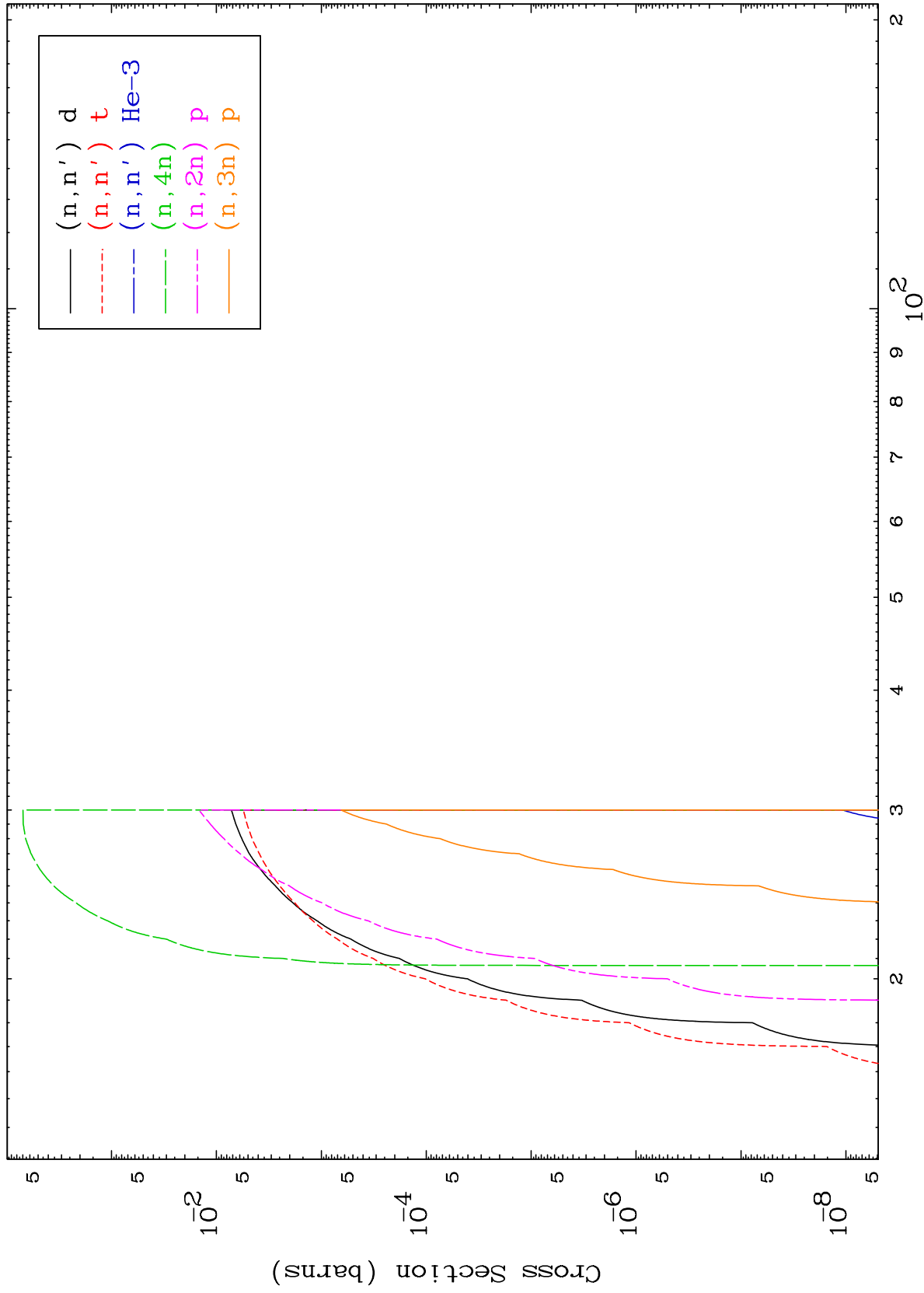
Incident Energy (MeV)

43-Tc-107

MAT 4349

Neutron Production
293 Kelvin Cross Sections

43-Tc-107



3

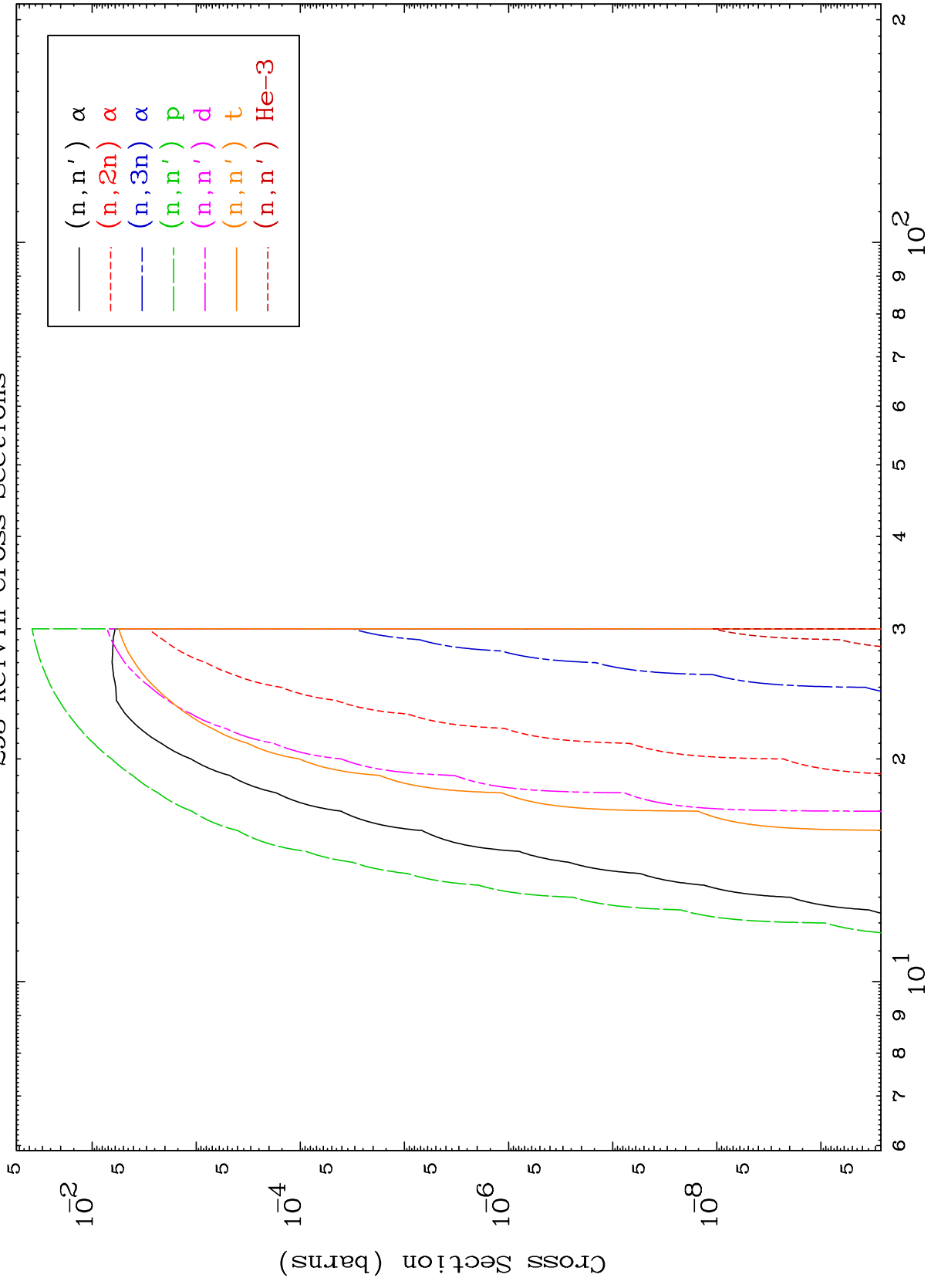
Incident Energy (MeV)

43-Tc-107

MAT 4349

Charged Particle
293 Kelvin Cross Sections

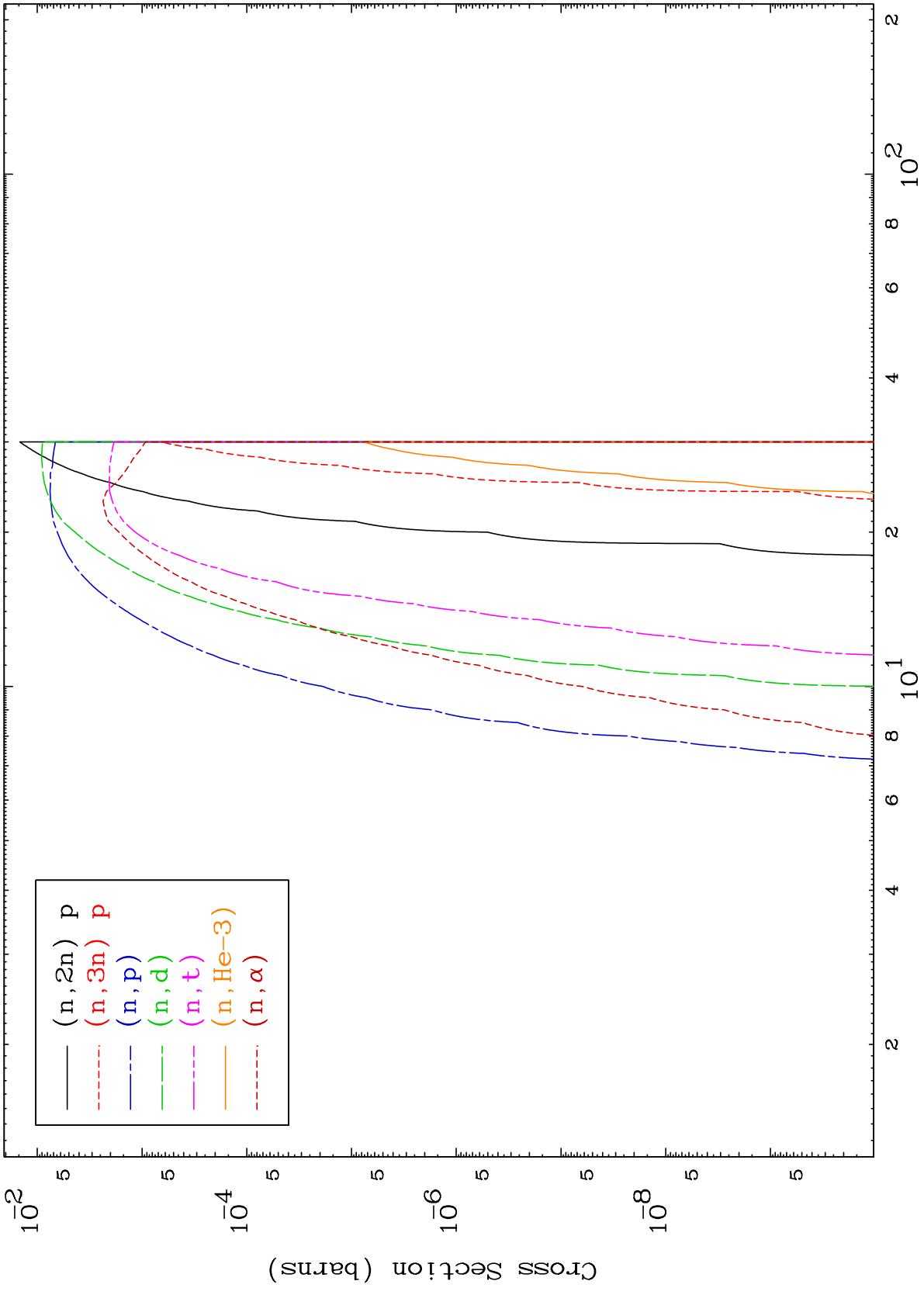
43-Tc-107



4

Incident Energy (MeV)

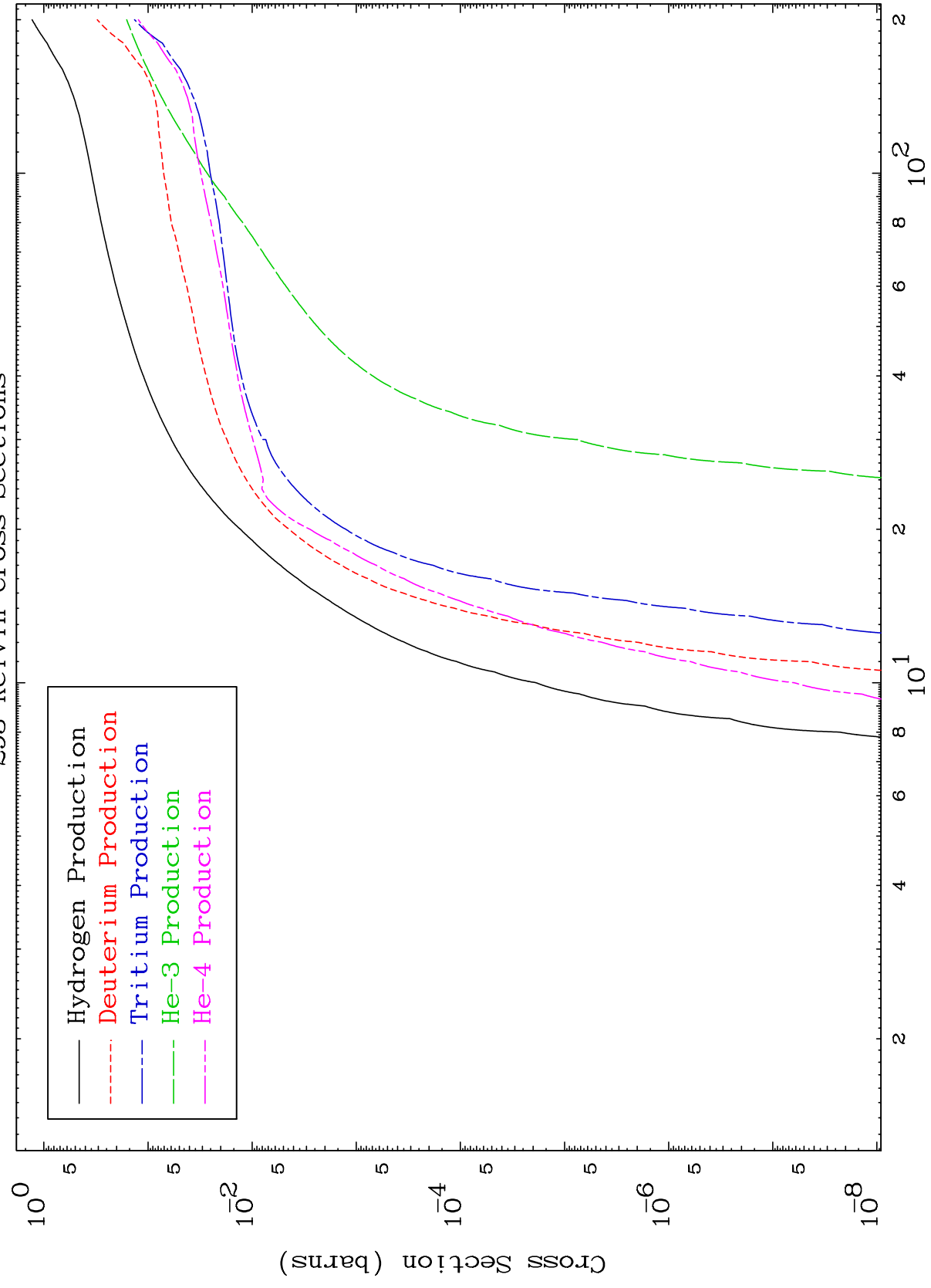
43-Tc-107



MAT 4349

Particle Production
293 Kelvin Cross Sections

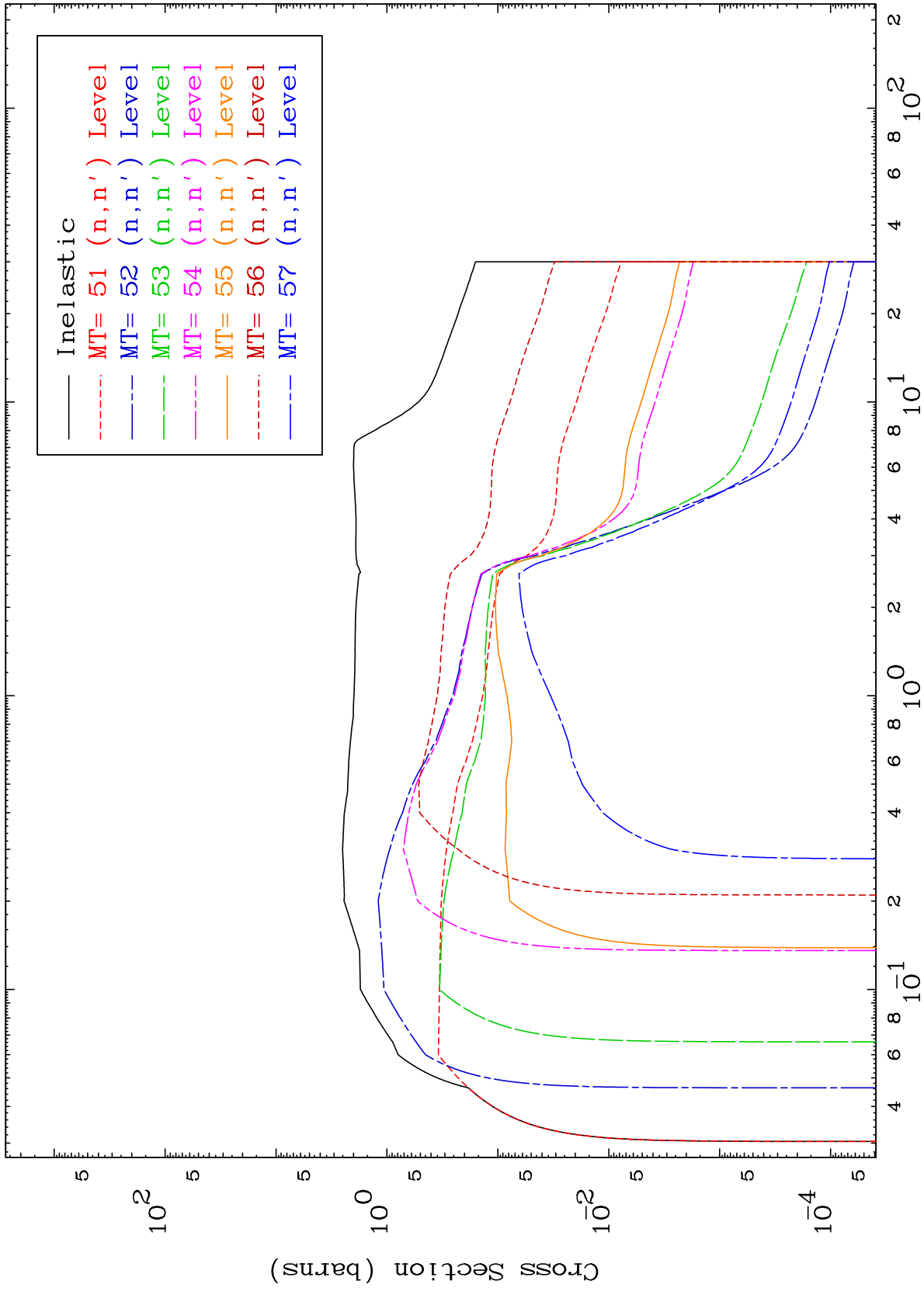
43-Tc-107



6

Incident Energy (MeV)

43-Tc-107

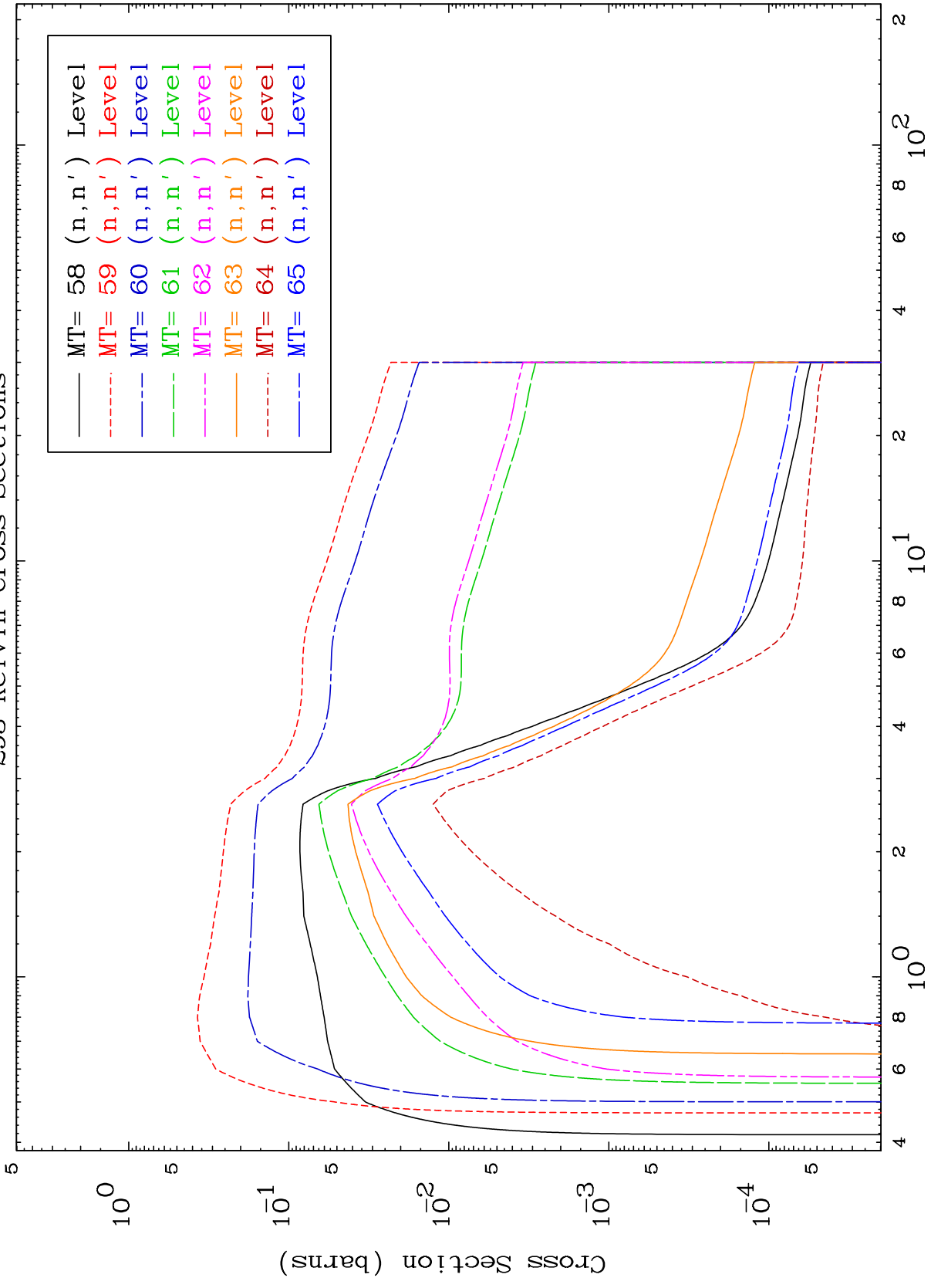


MAT 4349

(n,n') Level

43-Tc-107

293 Kelvin Cross Sections



8

Incident Energy (MeV)

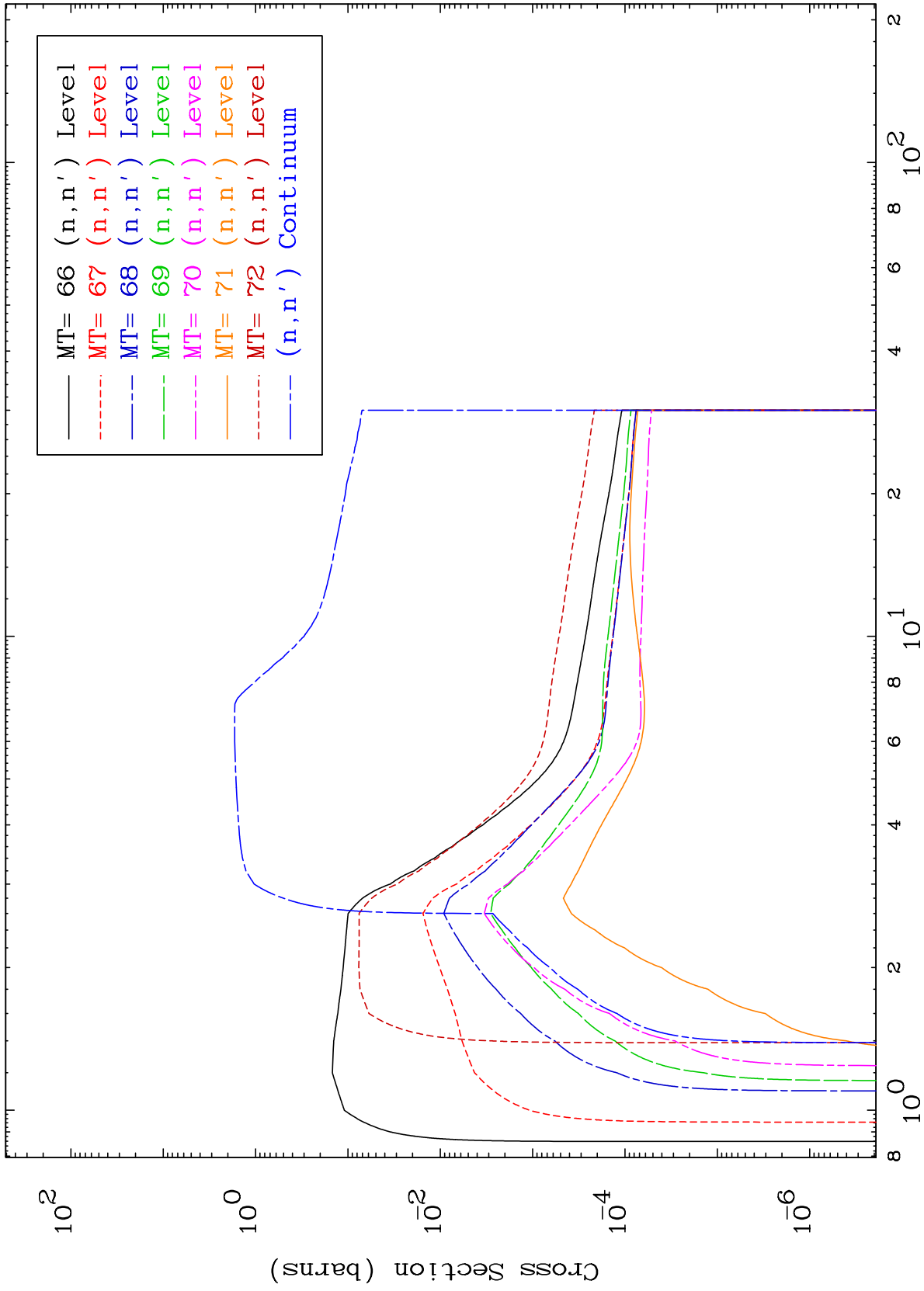
43-Tc-107

MAT 4349

(n,n') Level

43-Tc-107

293 Kelvin Cross Sections



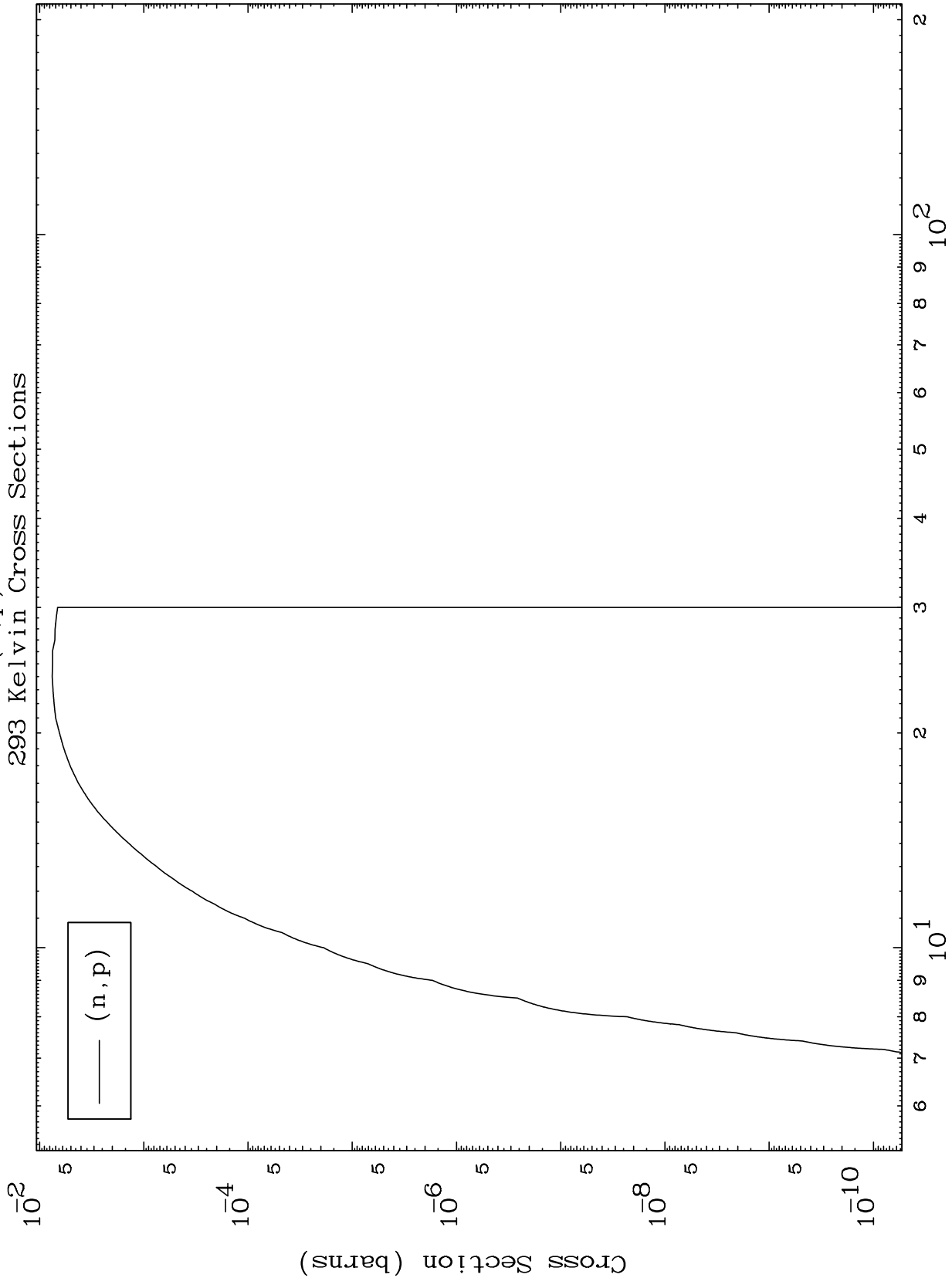
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-107



10

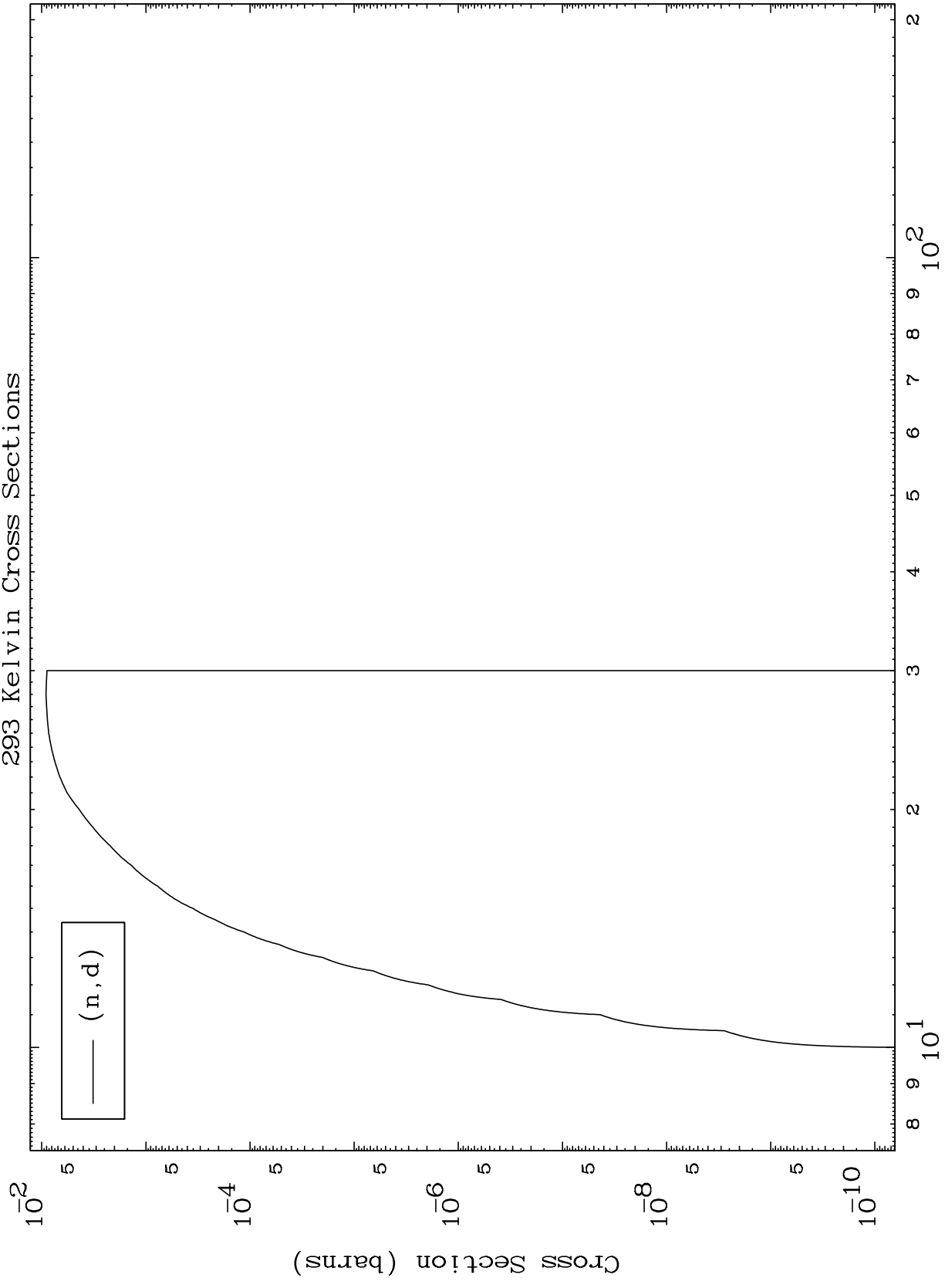
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-107



11

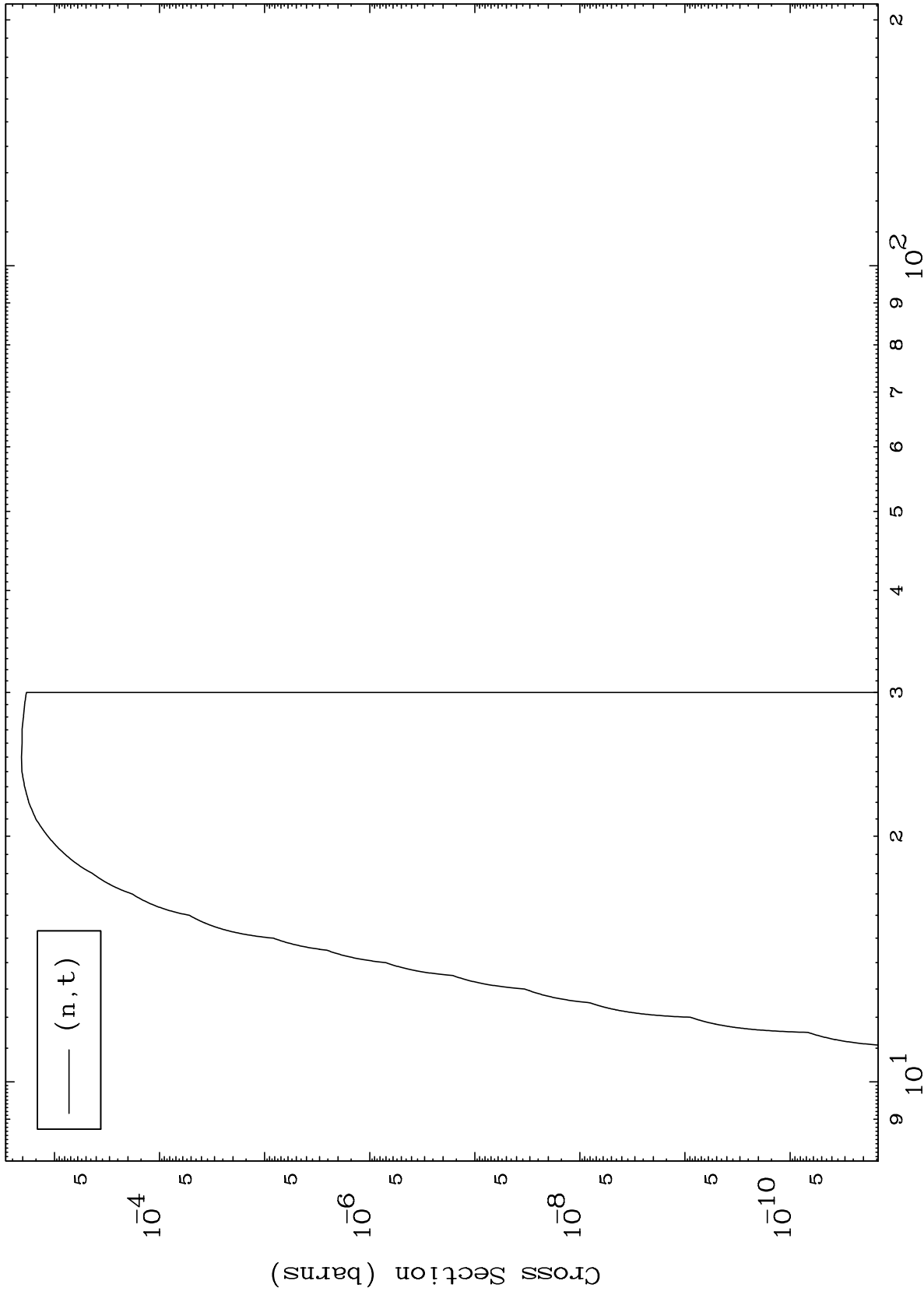
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-107



12

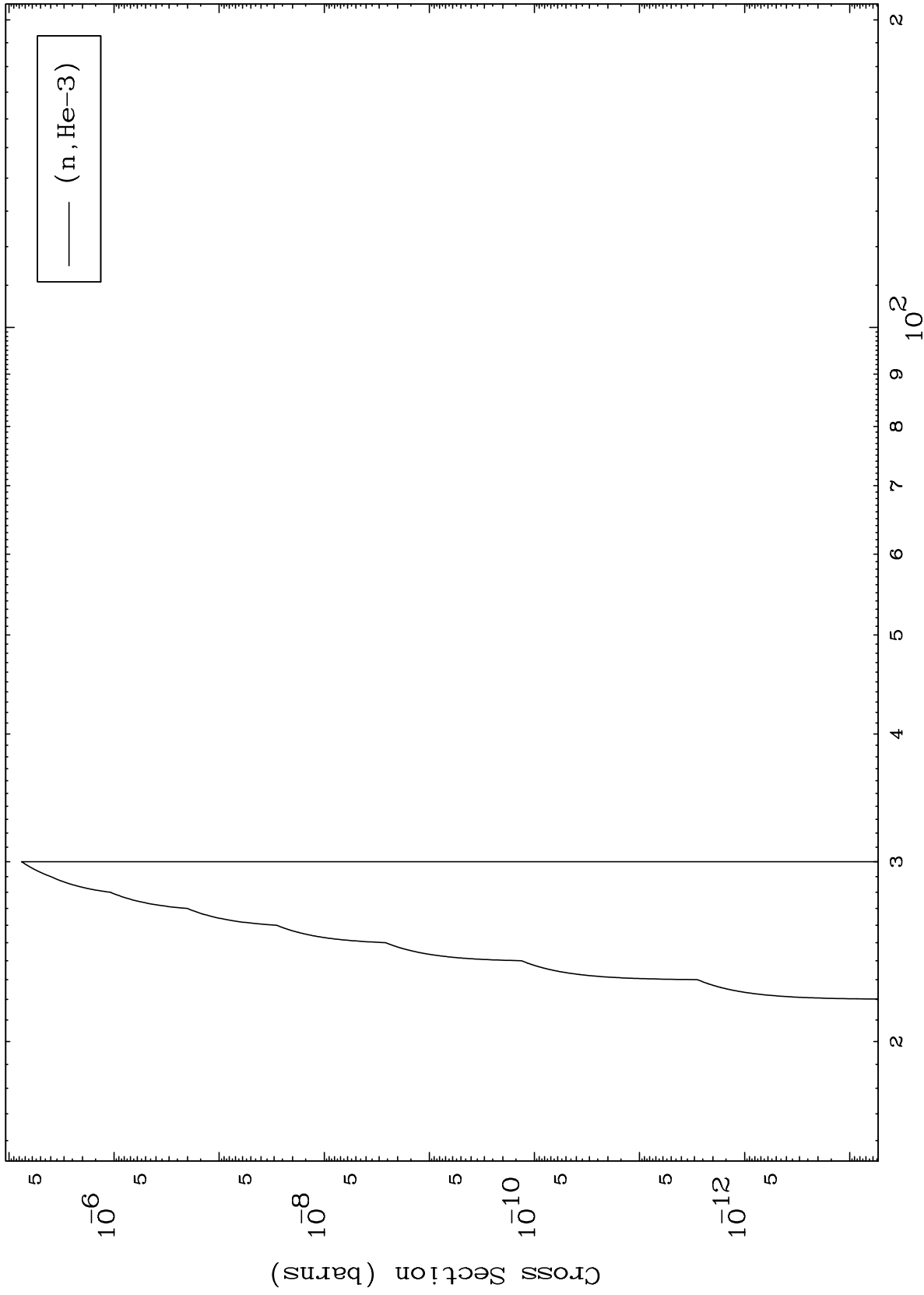
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-107



13

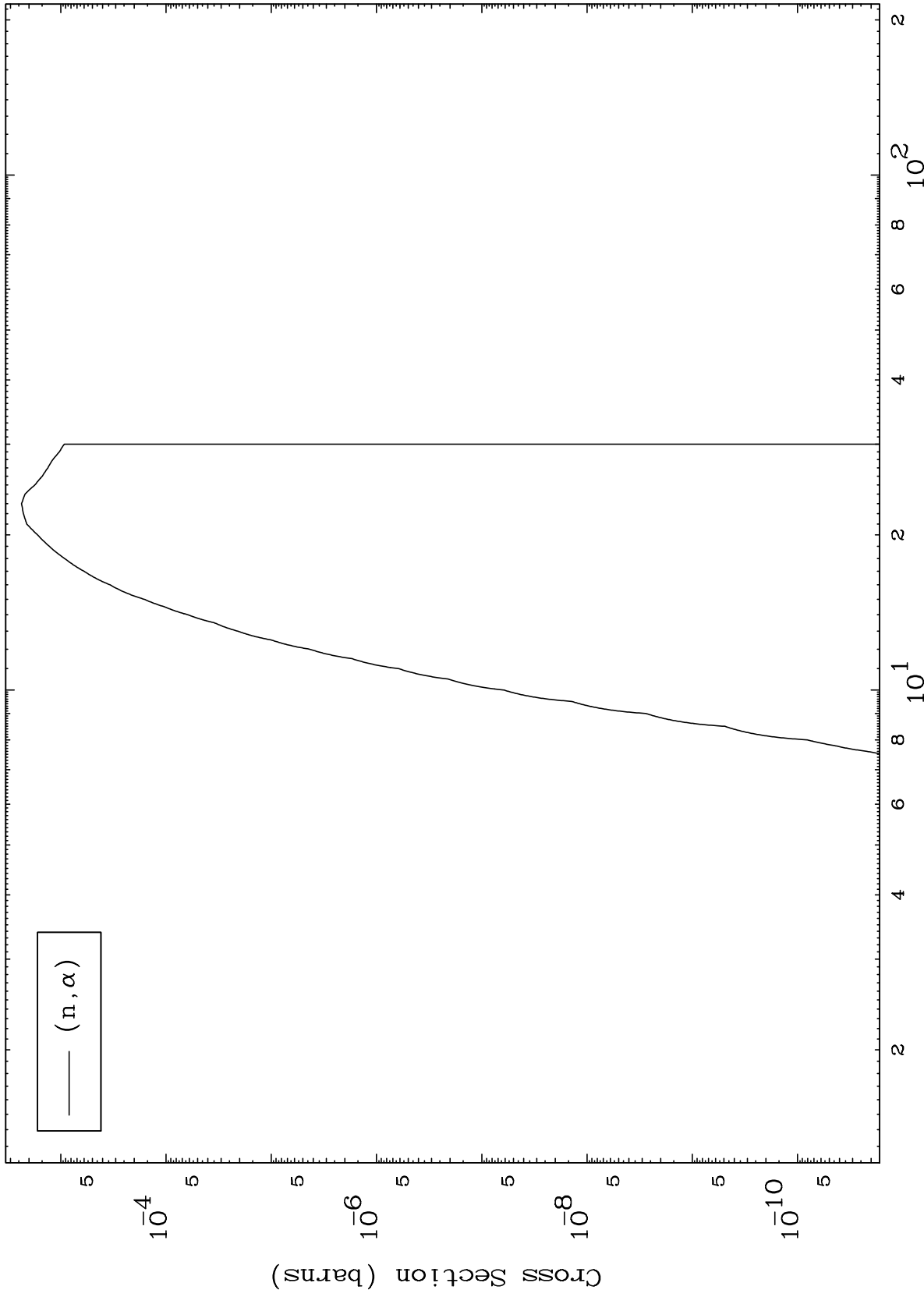
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n,α) Levels
293 Kelvin Cross Sections

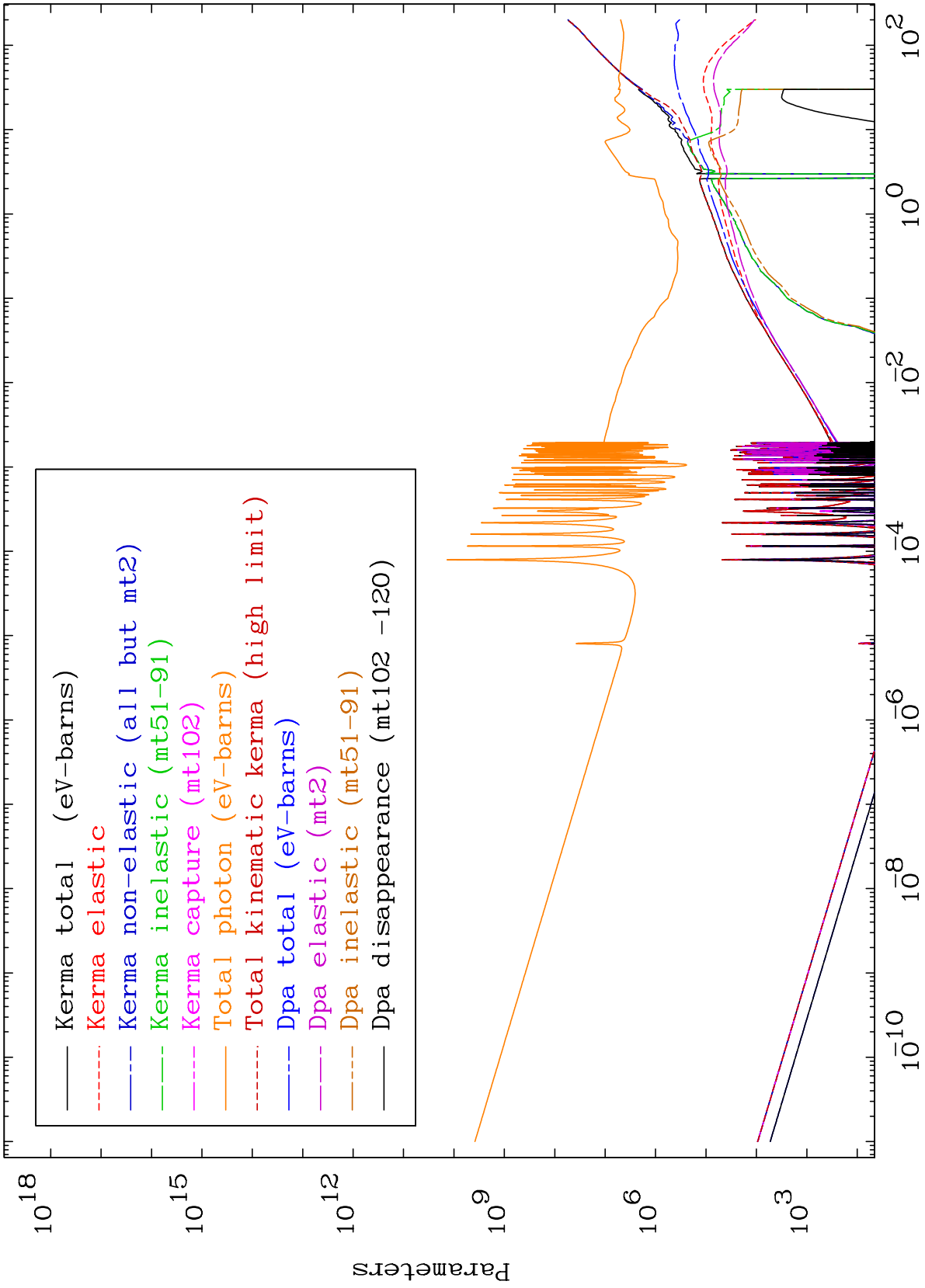
43-Tc-107



14

Incident Energy (MeV)

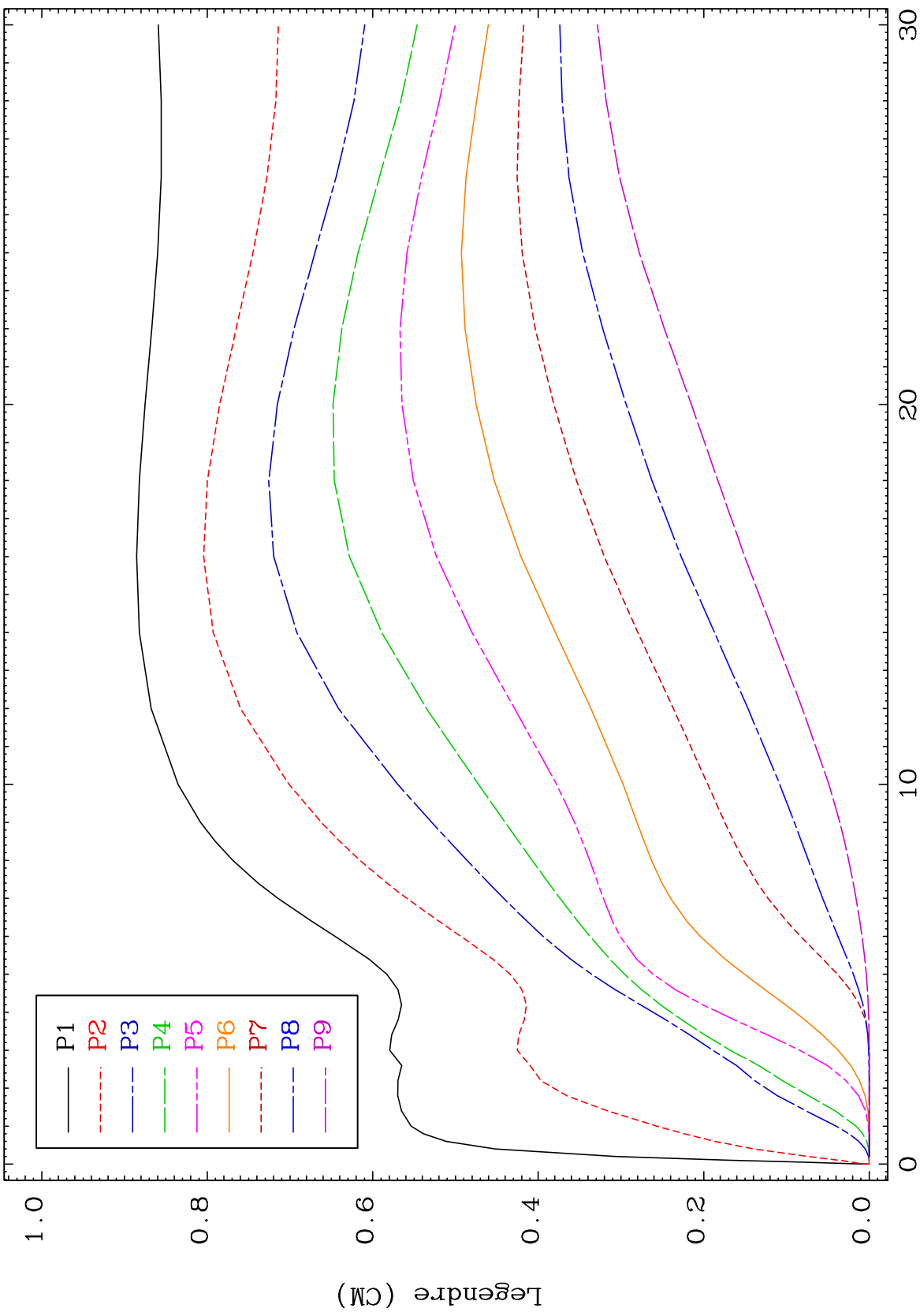
43-Tc-107



MAT 4349

Elastic Legendre Coefficients

43-Tc-107



16

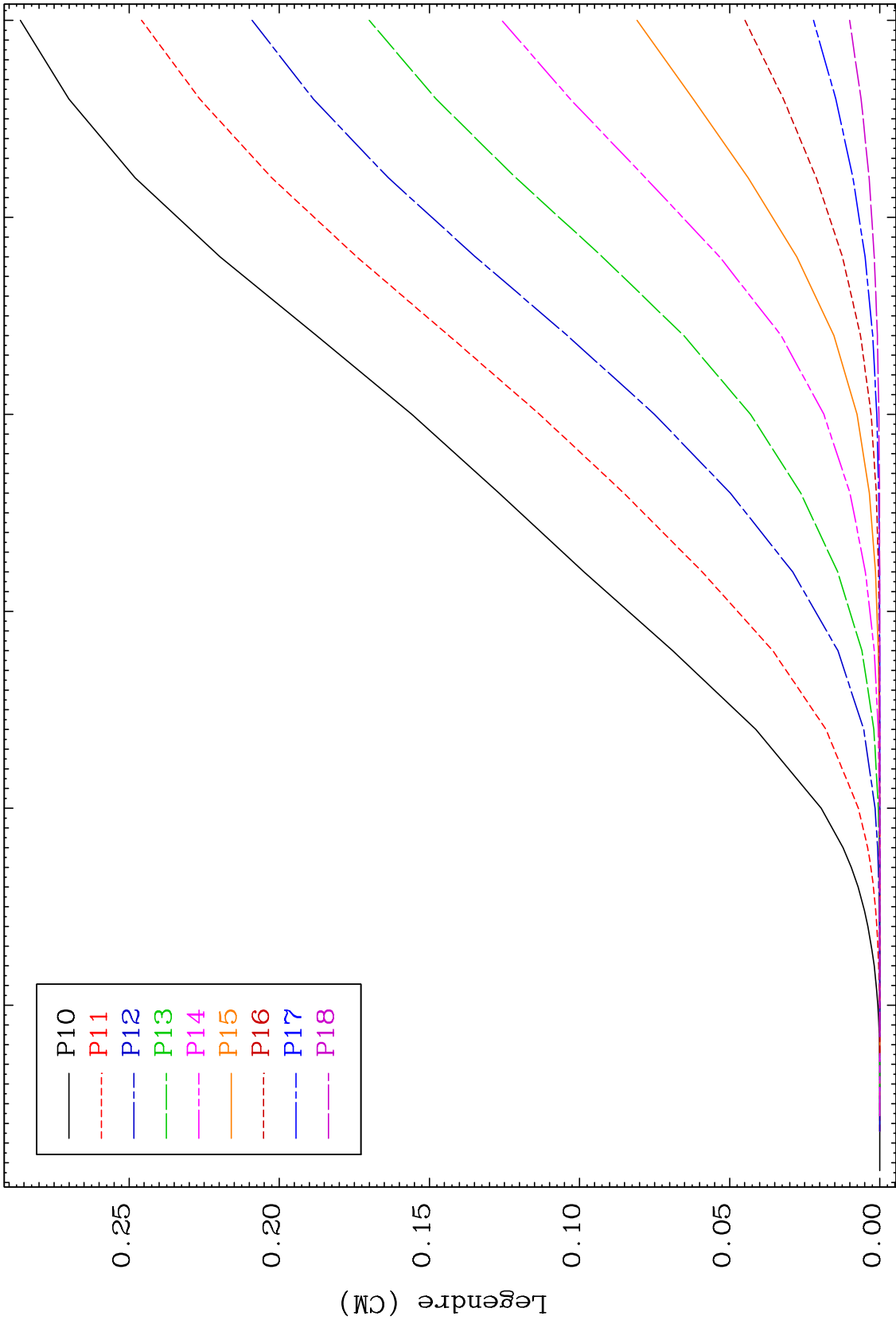
Incident Energy (MeV)

43-Tc-107

MAT 4349

Elastic Legendre Coefficients

43-Tc-107



17

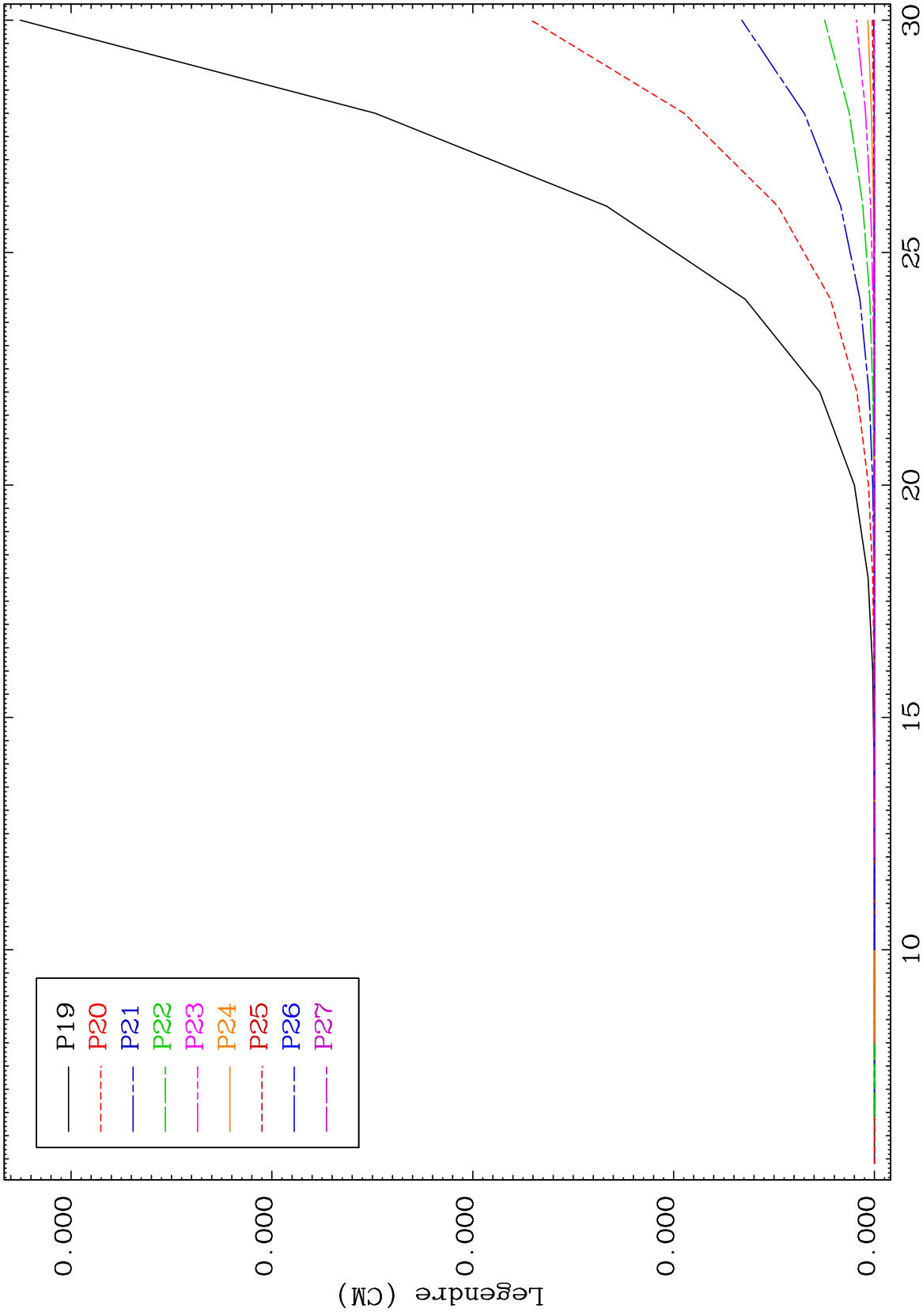
Incident Energy (MeV)

43-Tc-107

MAT 4349

Elastic Legendre Coefficients

43-Tc-107



18

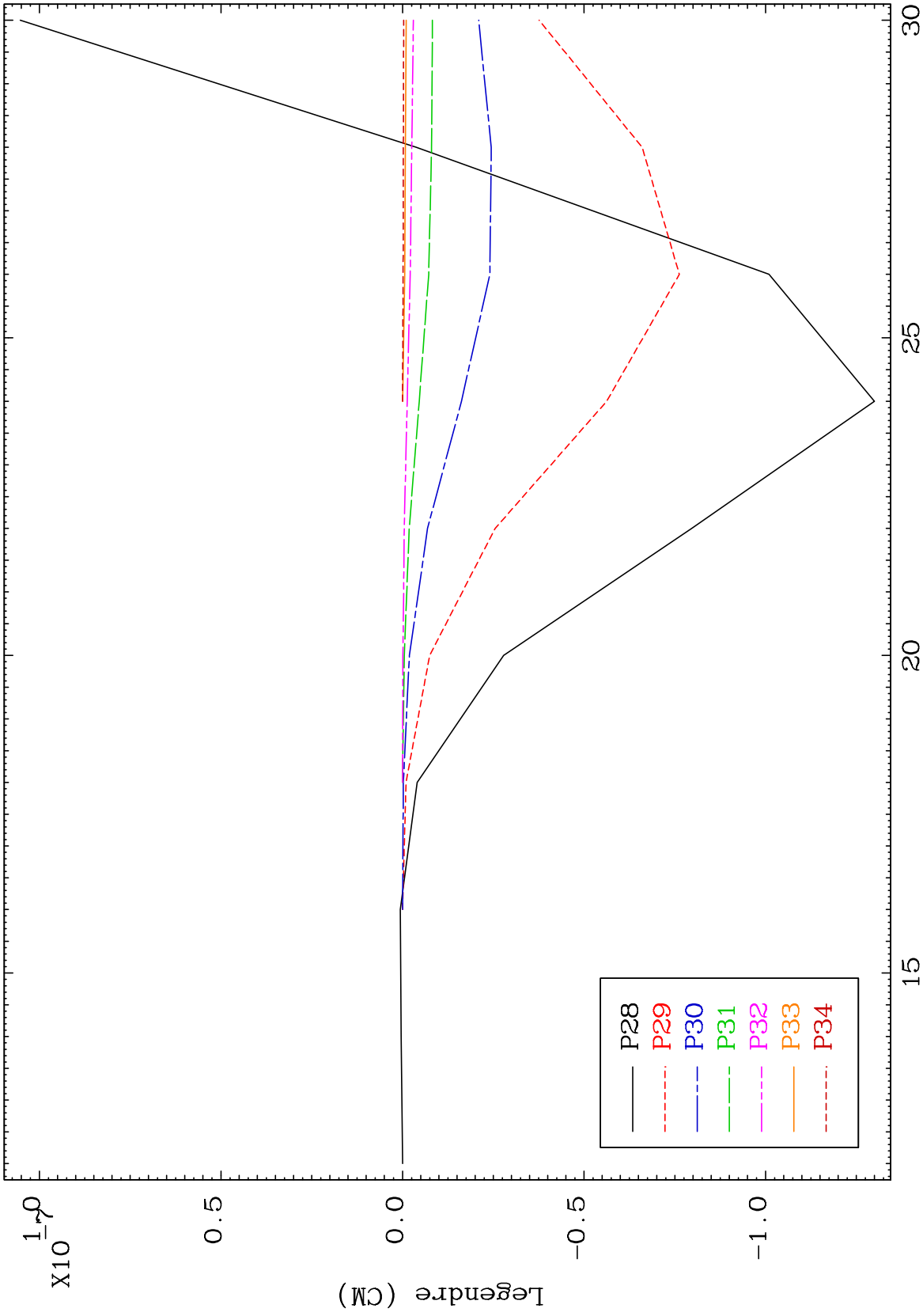
Incident Energy (MeV)

43-Tc-107

MAT 4349

Elastic Legendre Coefficients

43-Tc-107



19

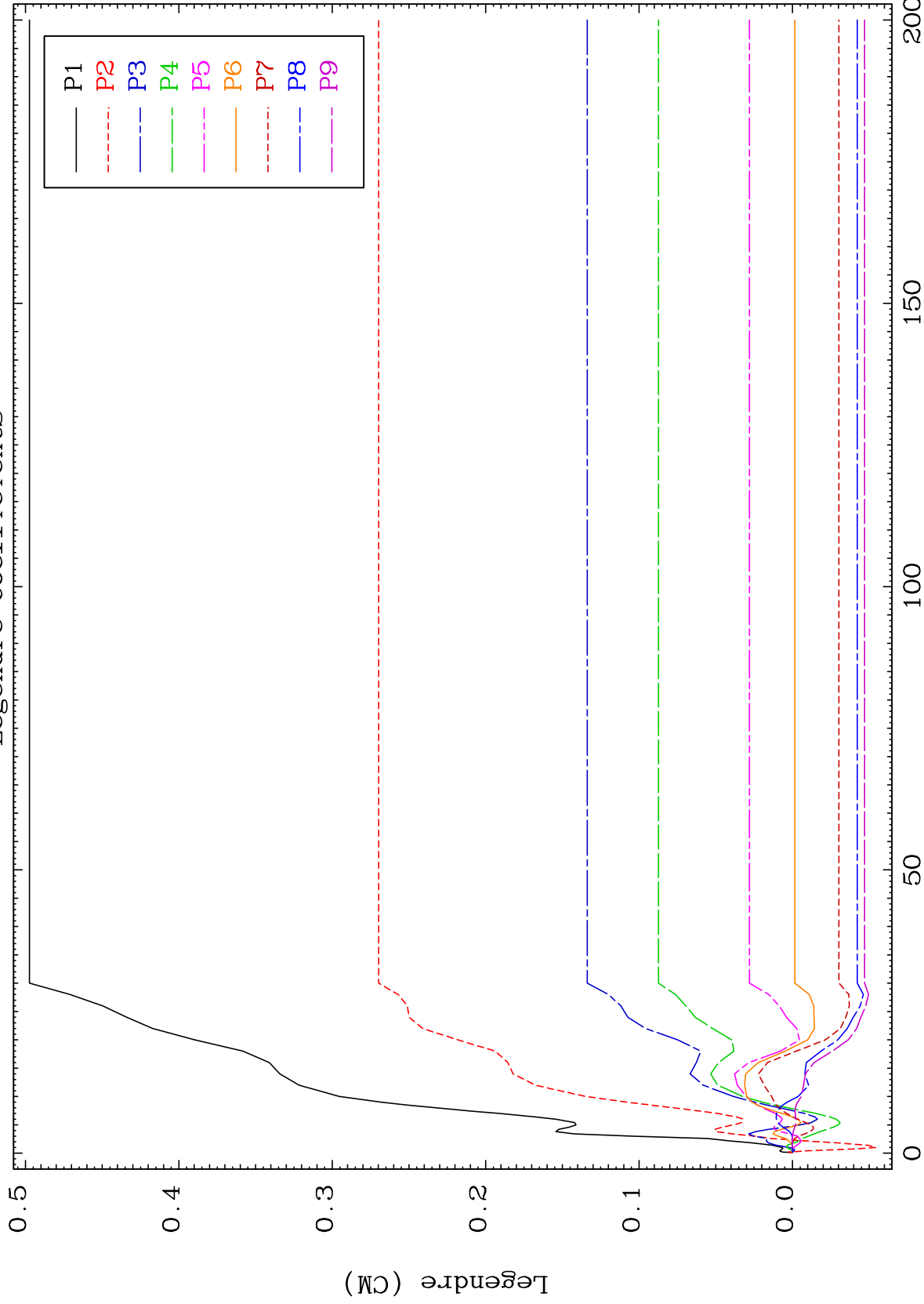
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



43-Tc-107

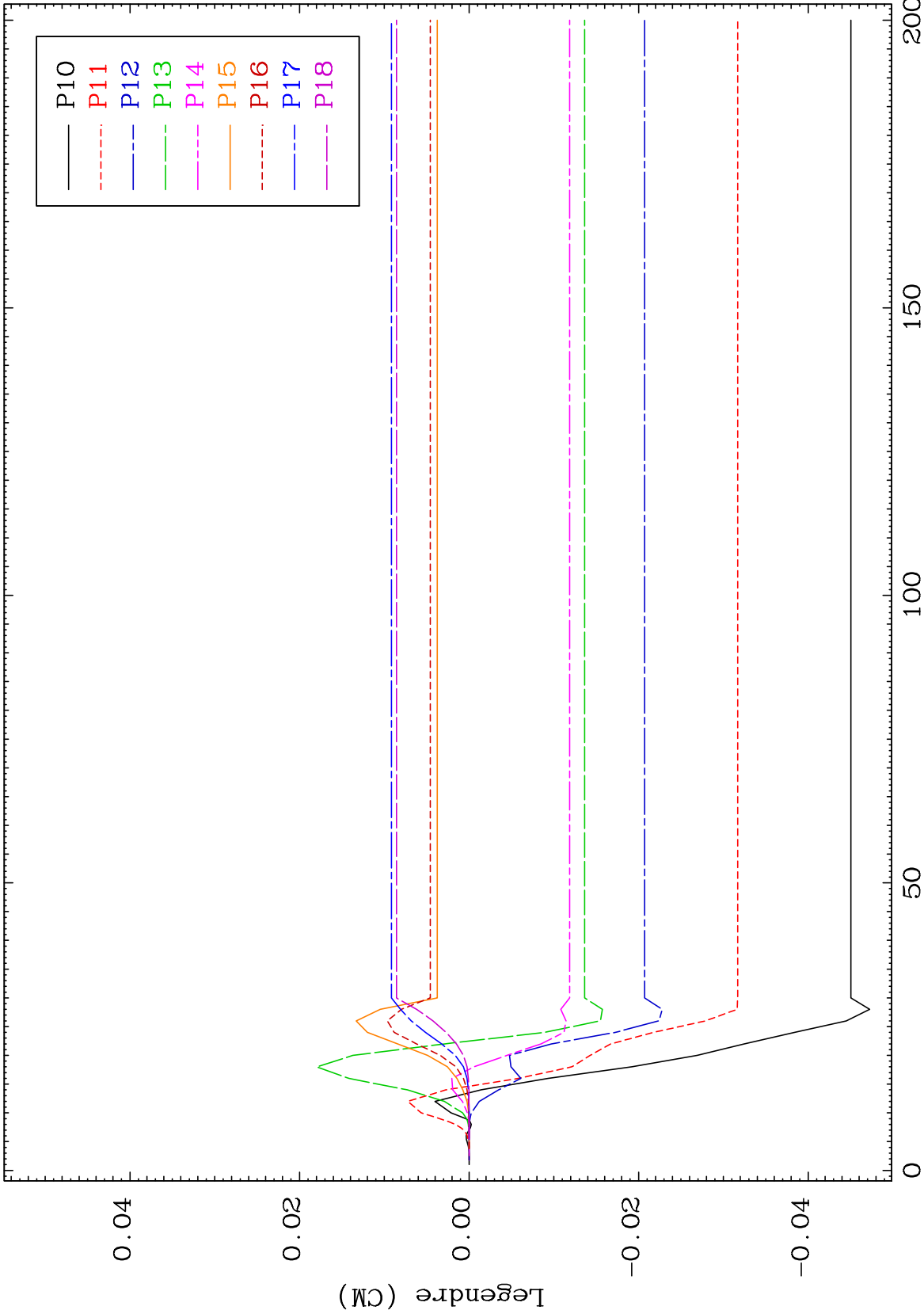
Incident Energy (MeV)

20

MAT 4349

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

43-Tc-107



21

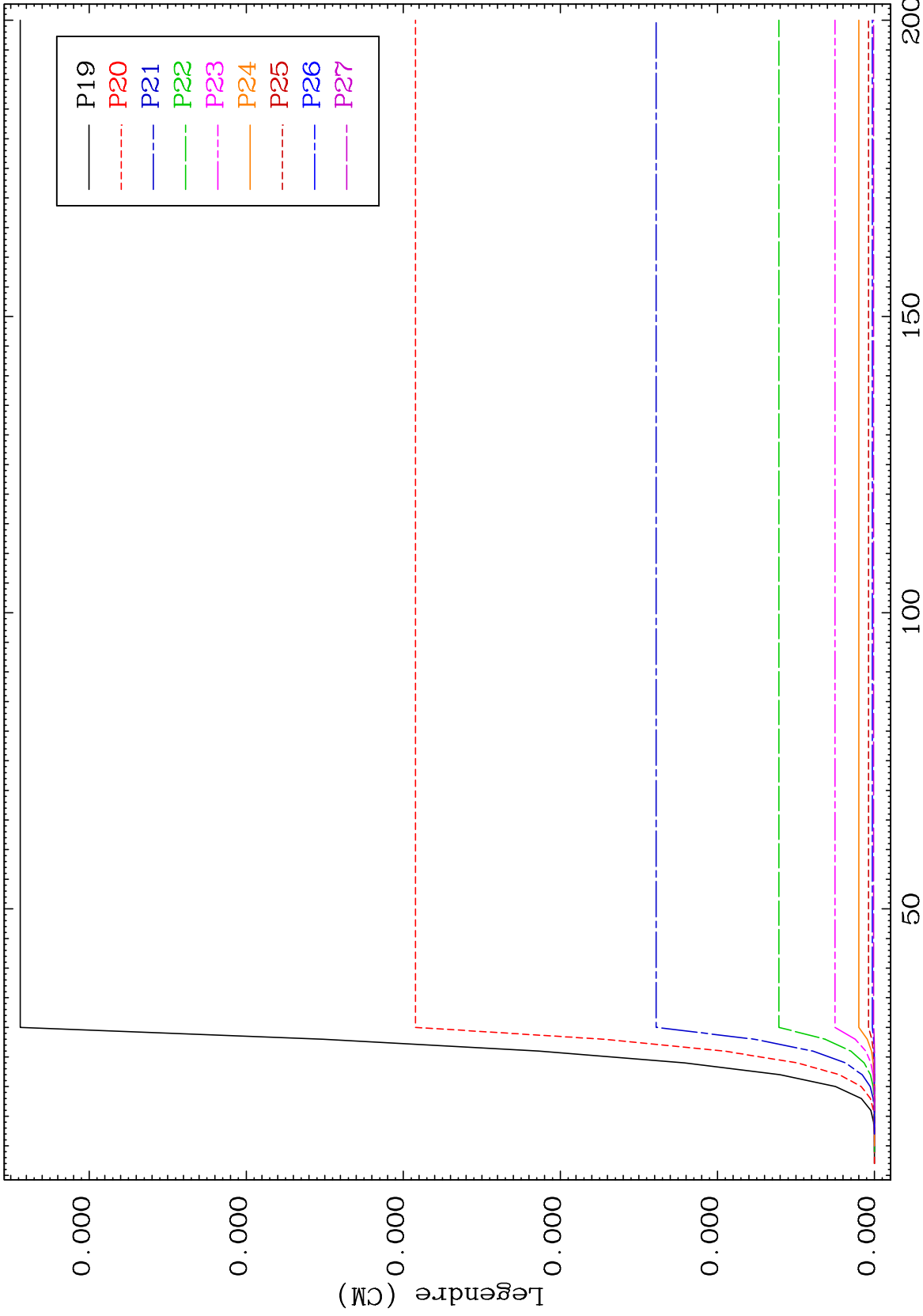
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



22

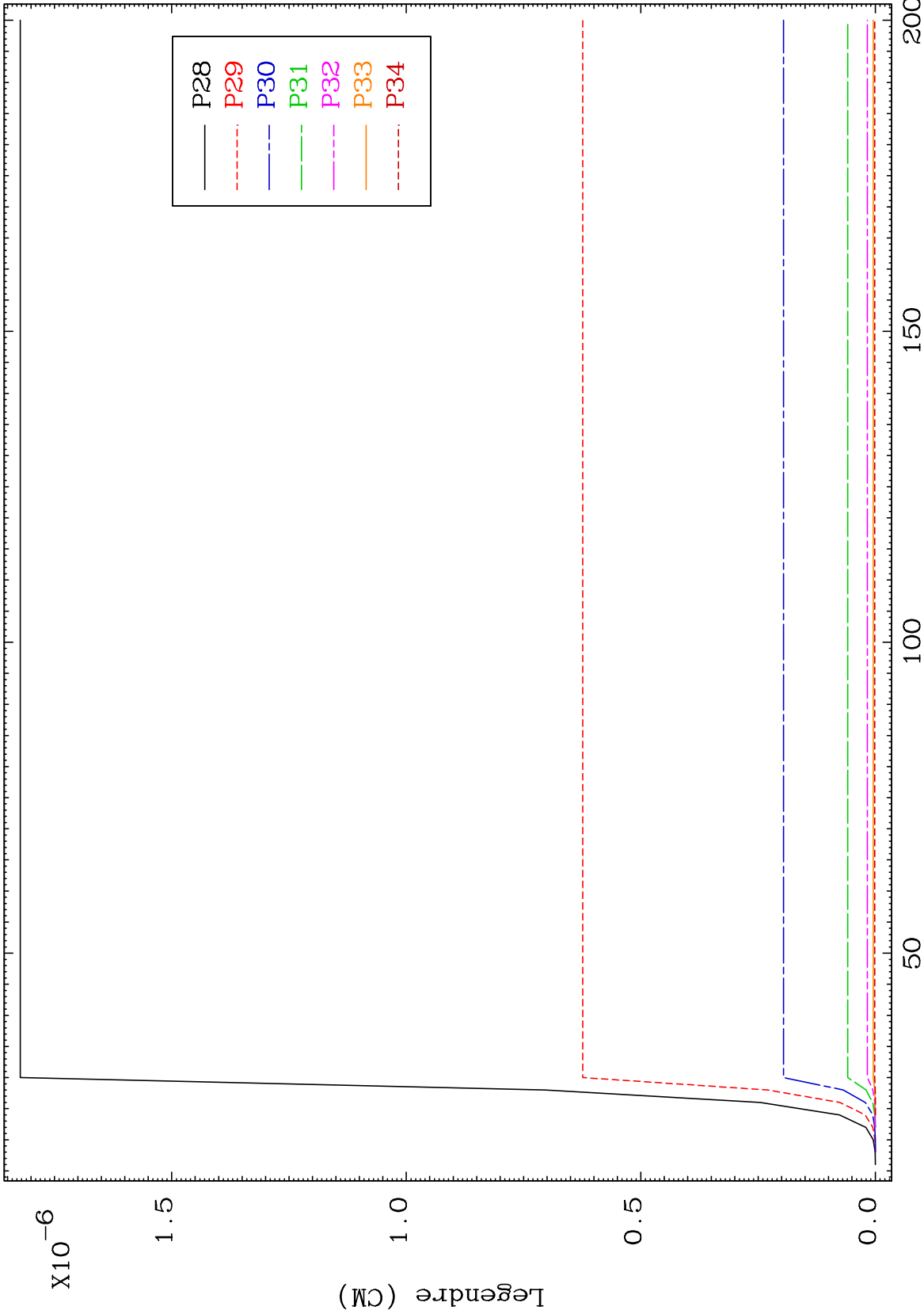
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



23

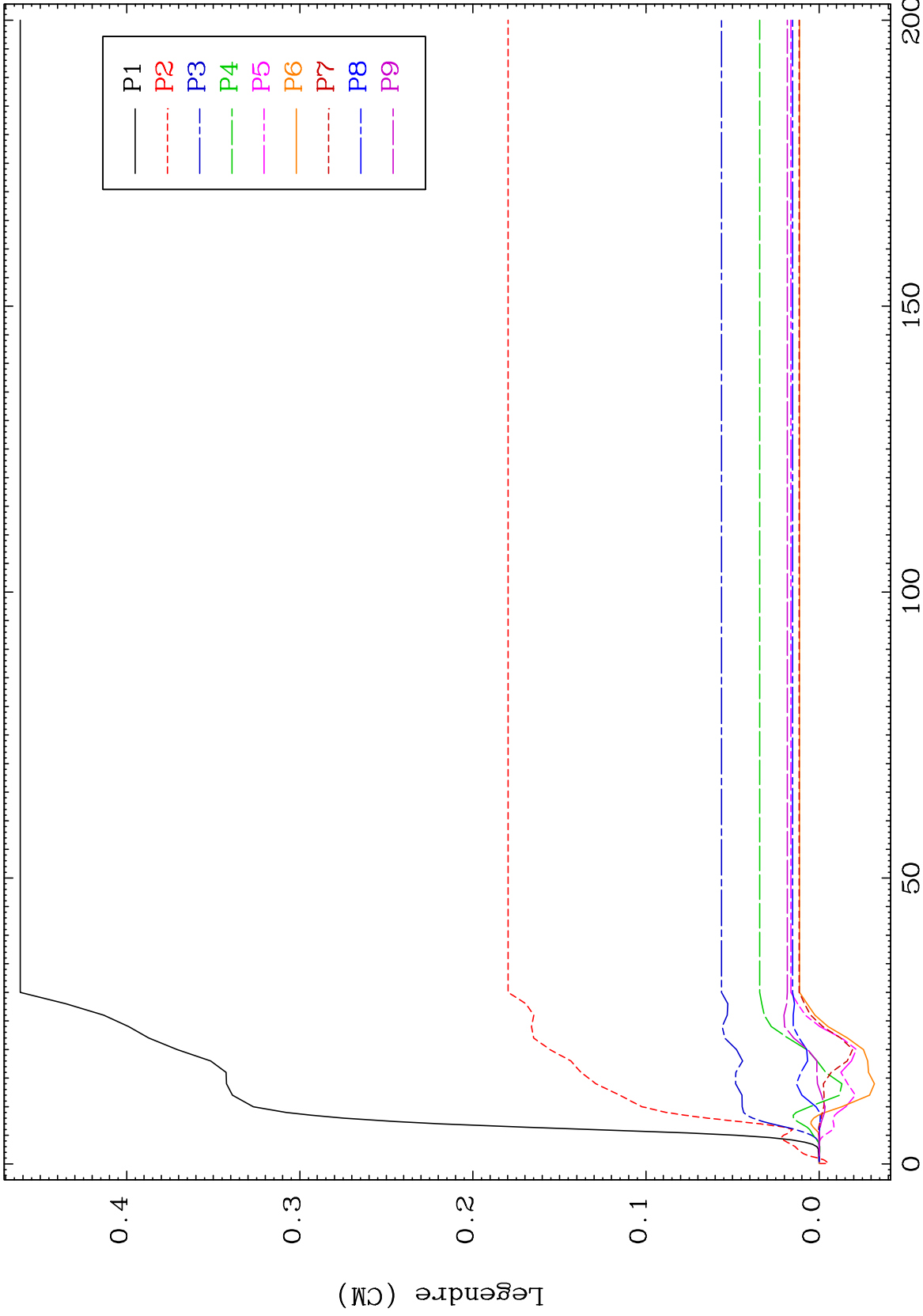
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



24

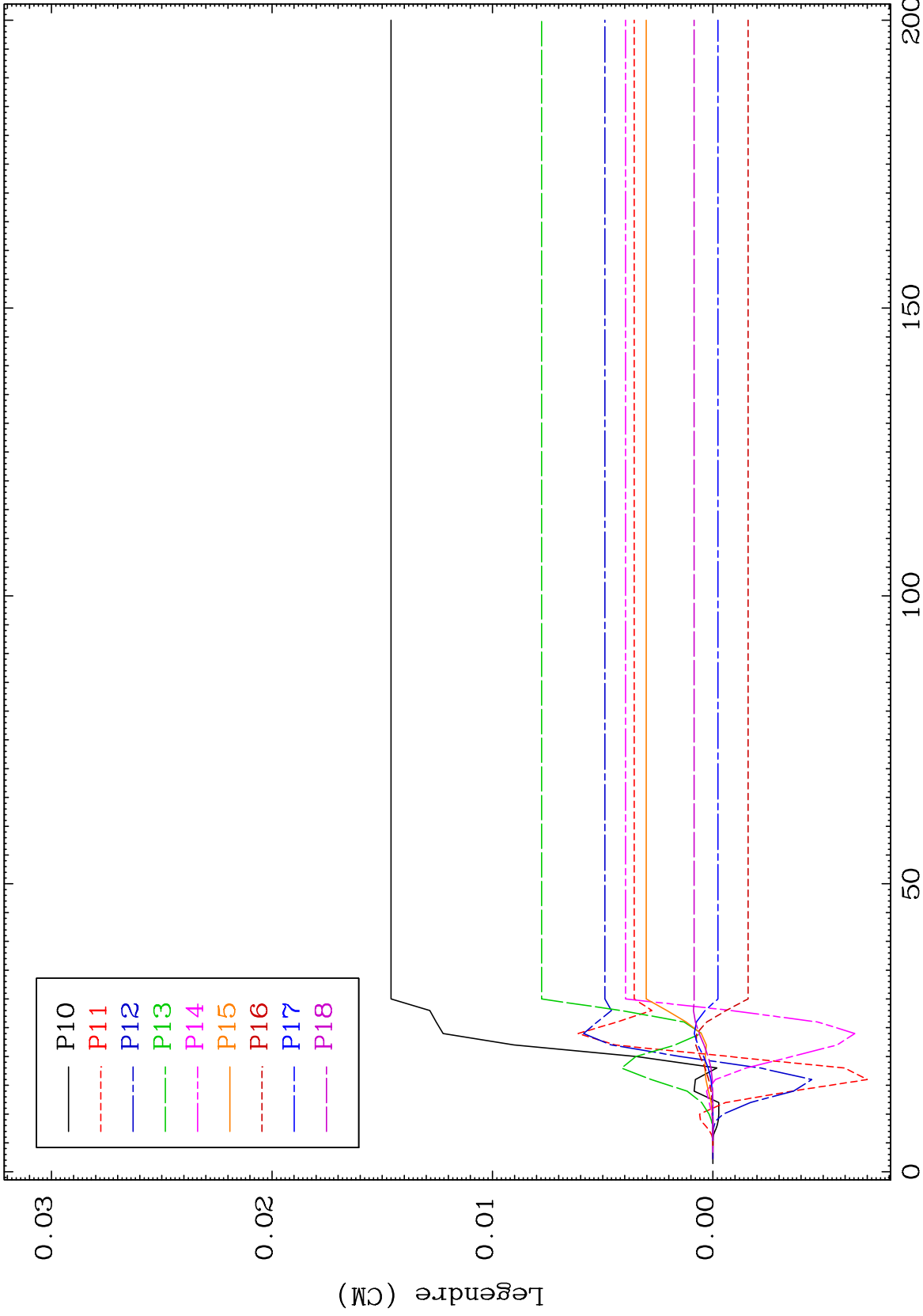
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



25

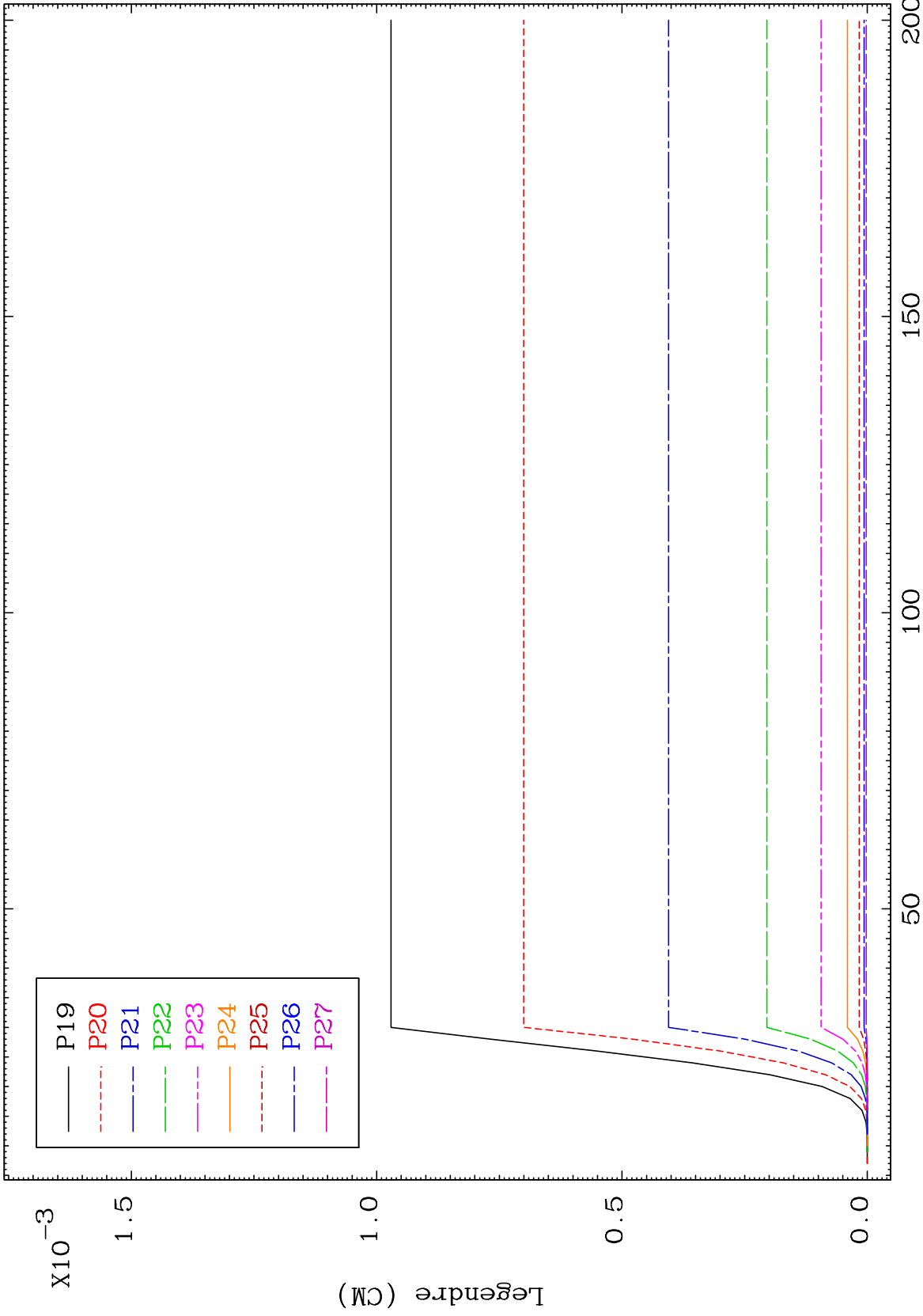
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



26

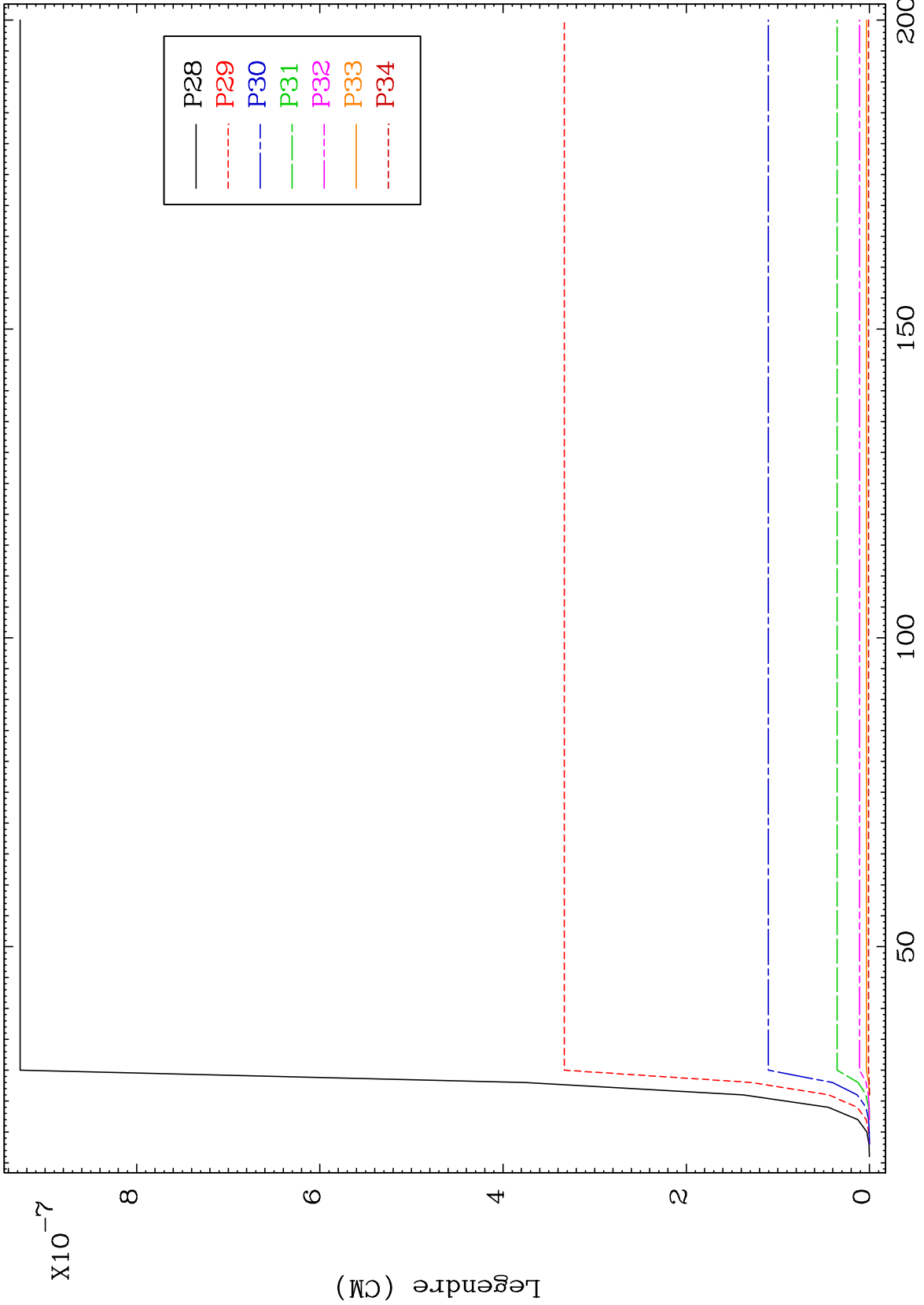
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



27

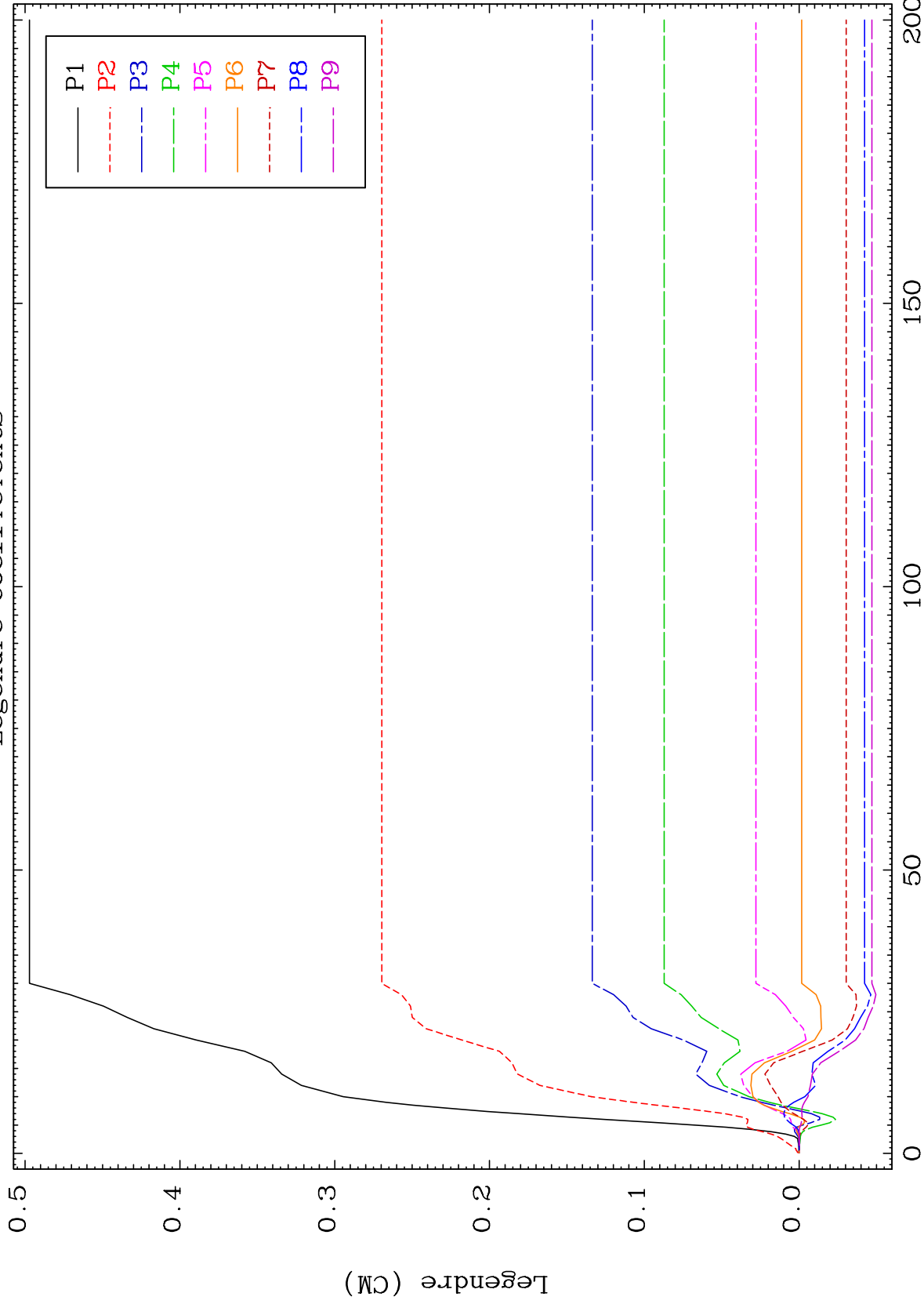
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



28

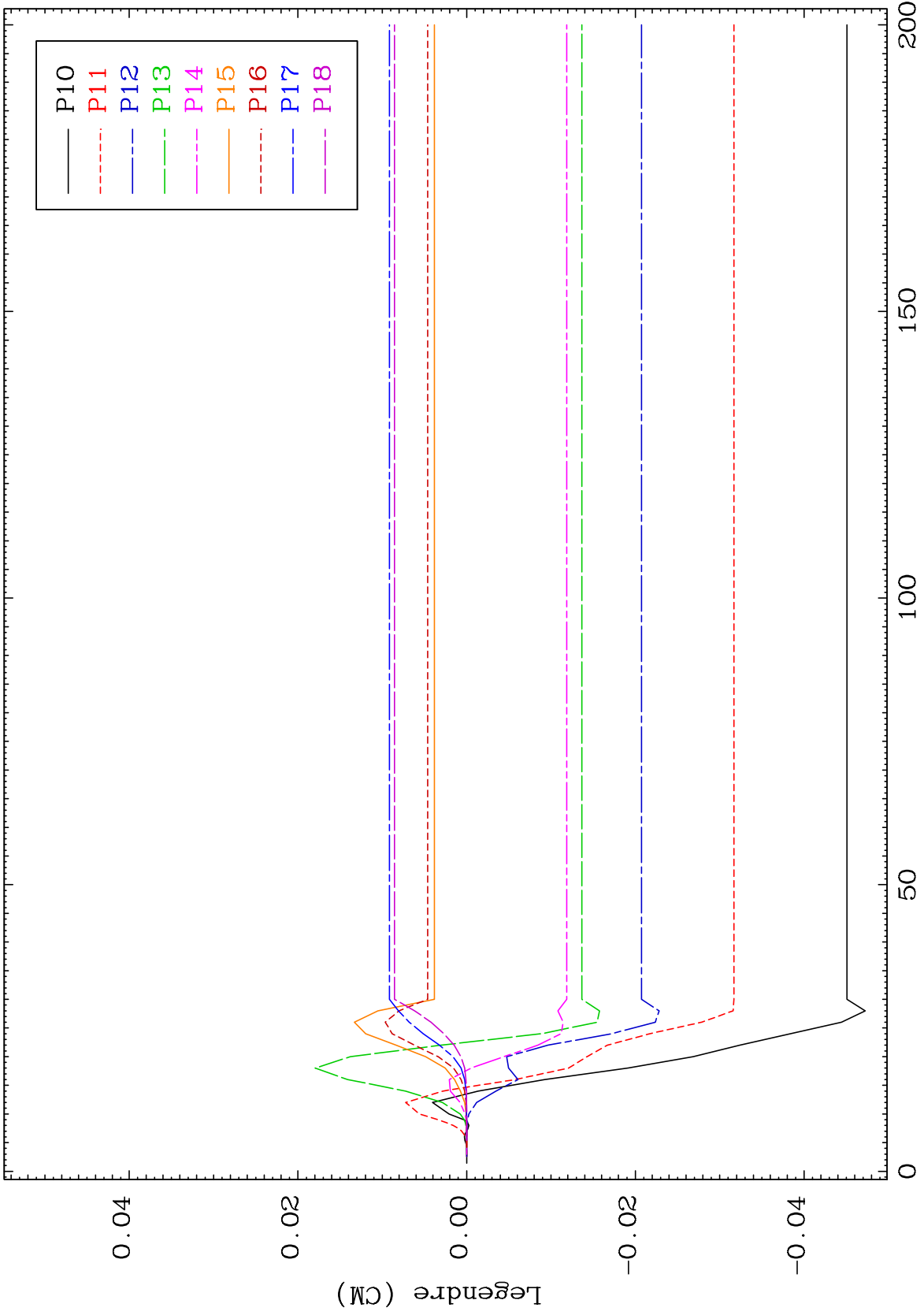
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



29

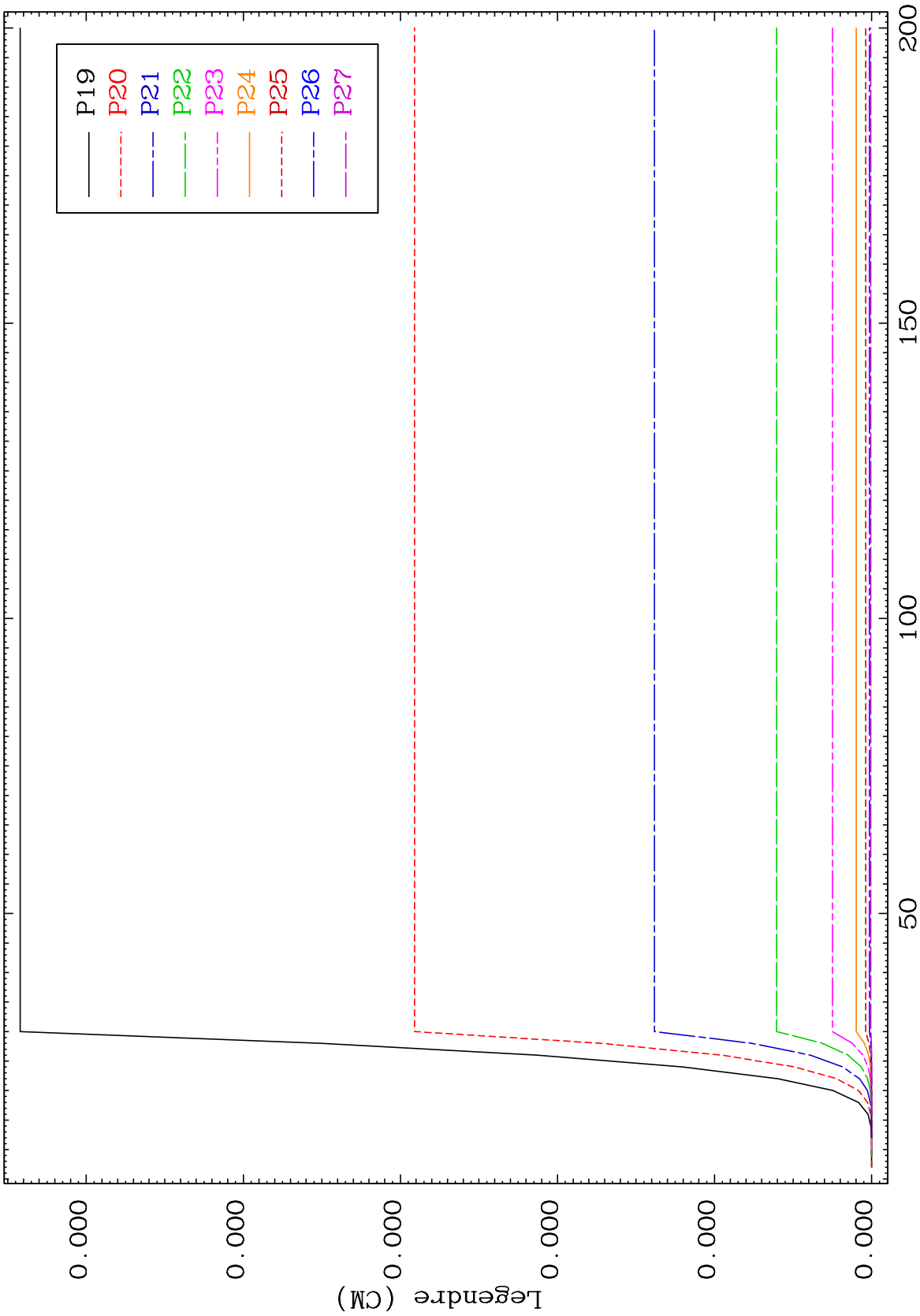
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



30

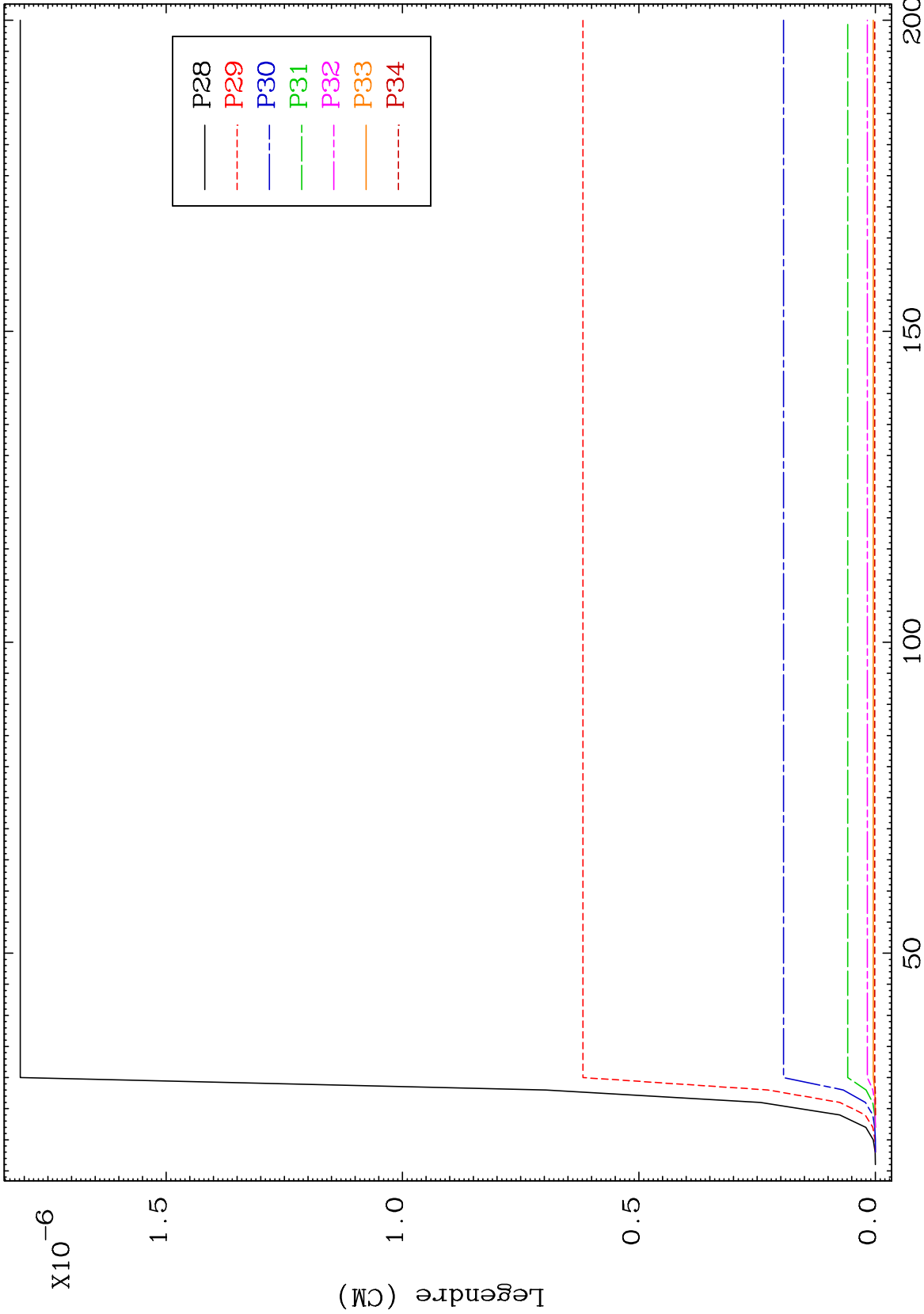
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



31

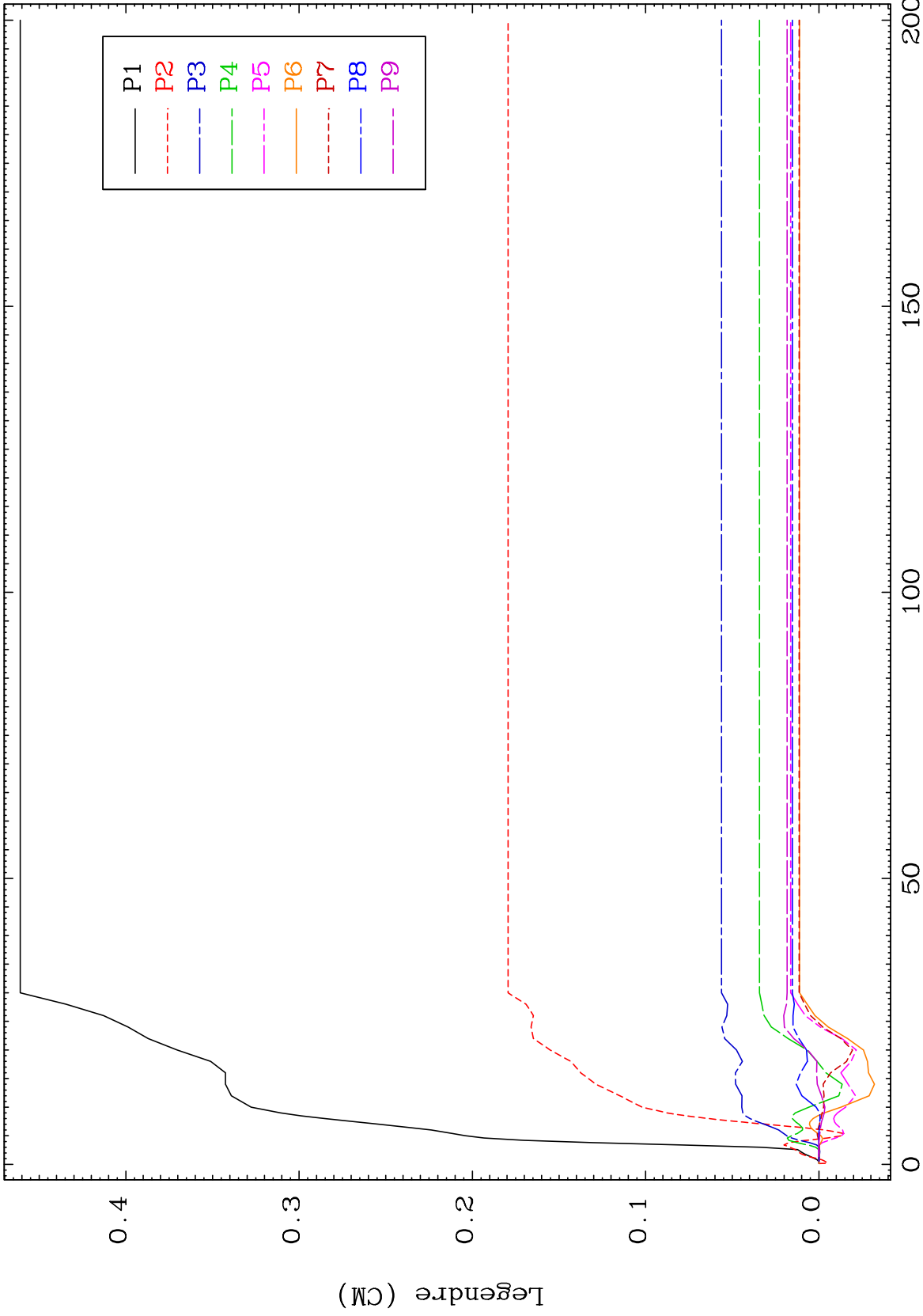
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



32

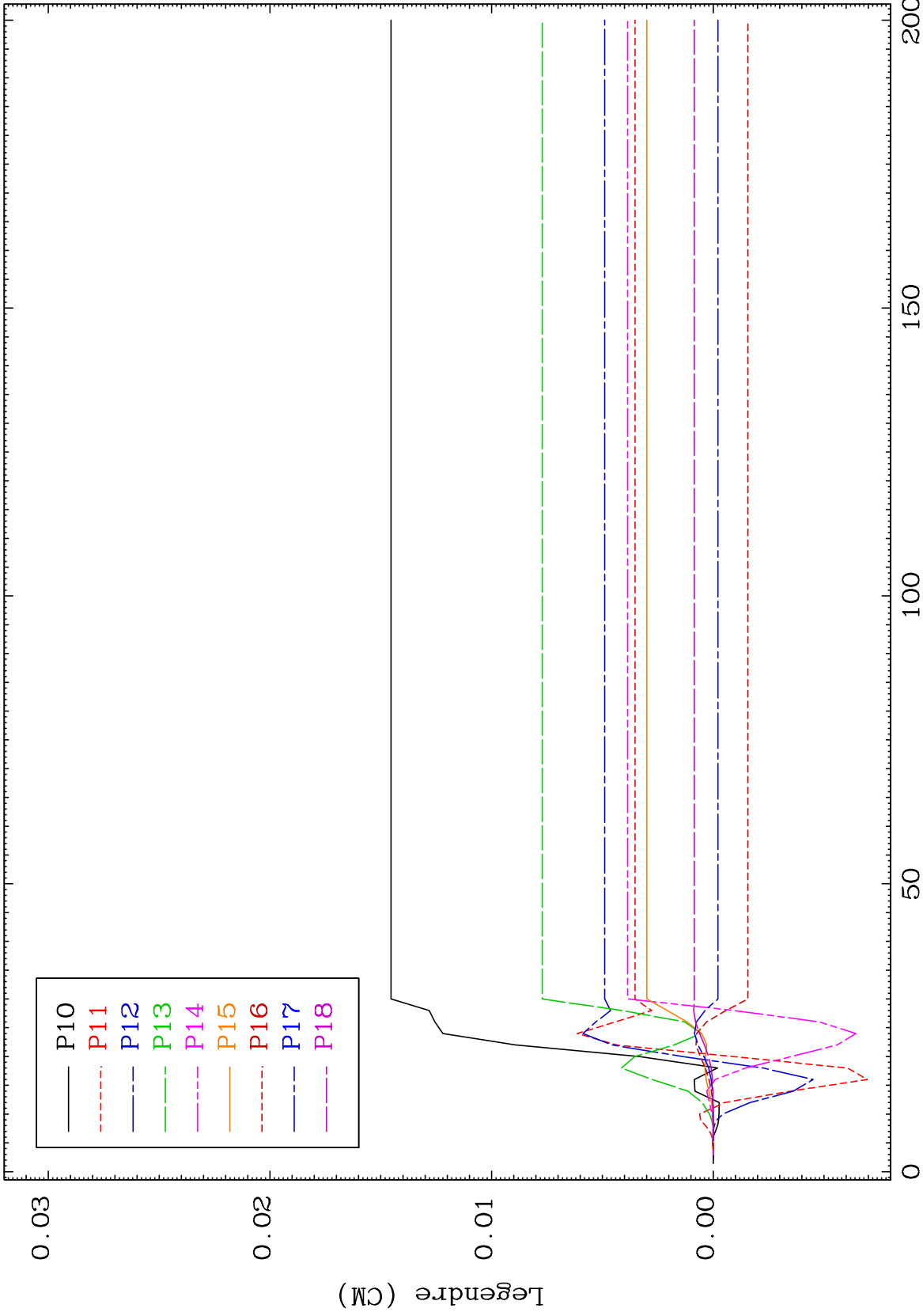
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



33

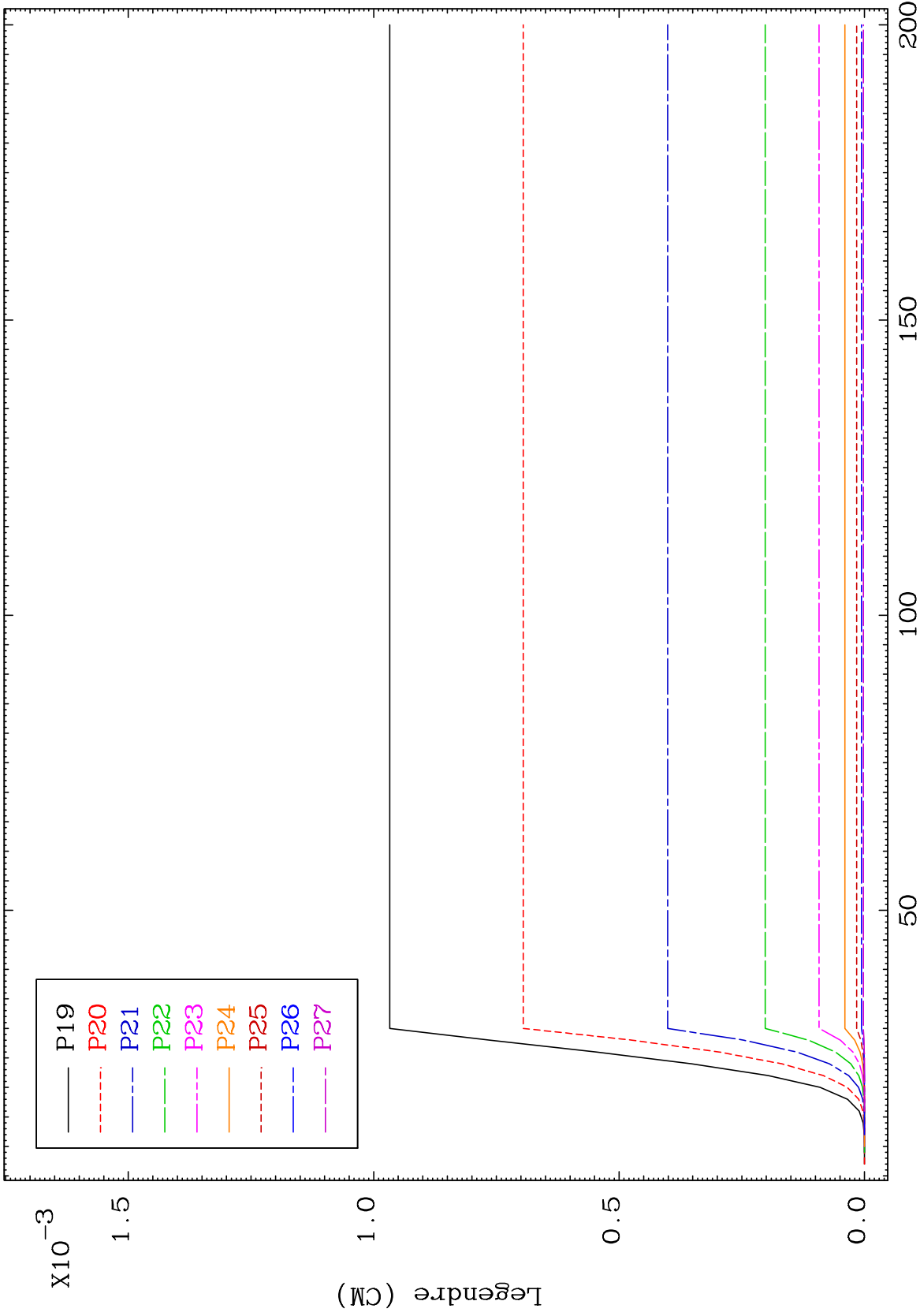
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



34

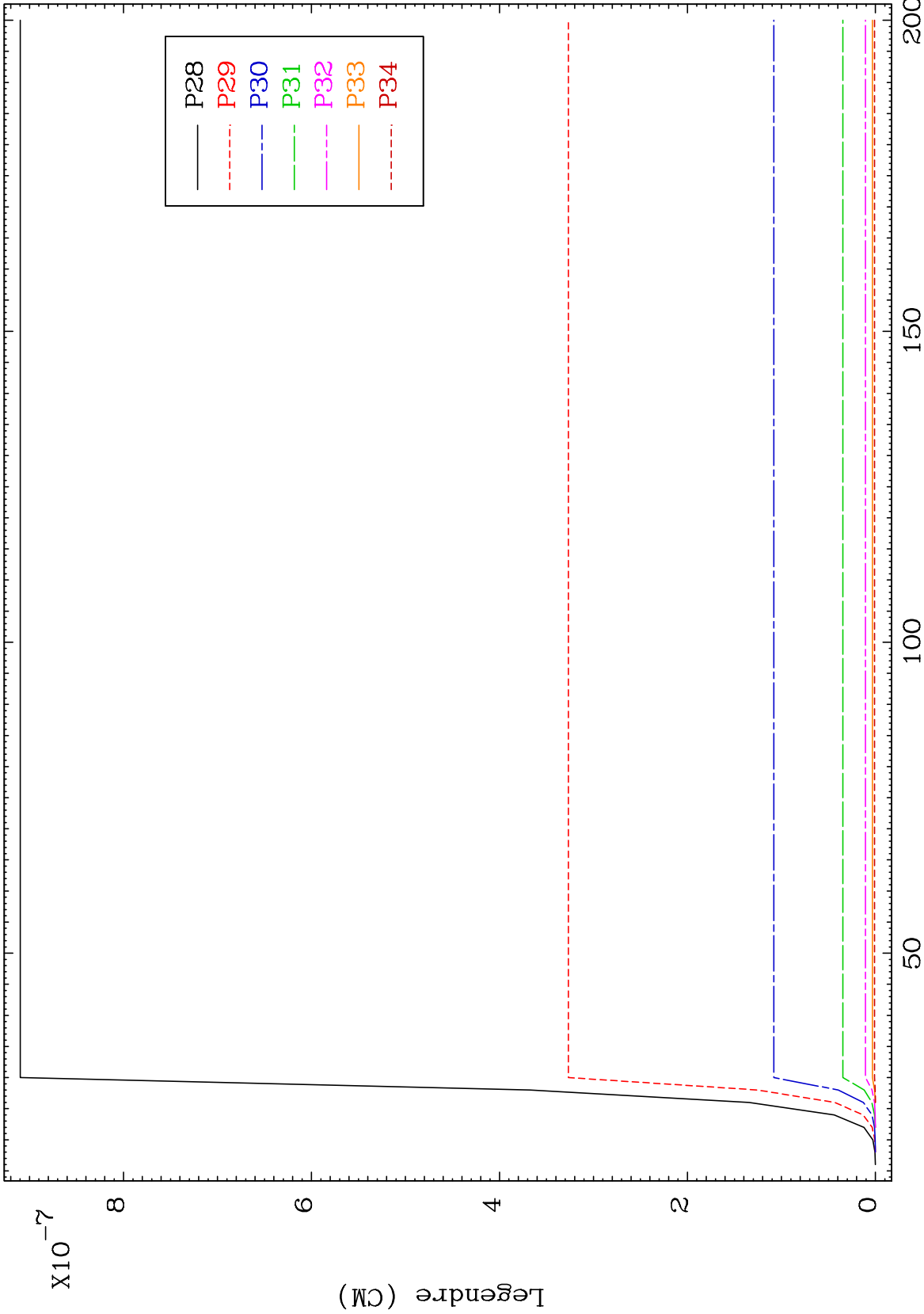
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



35

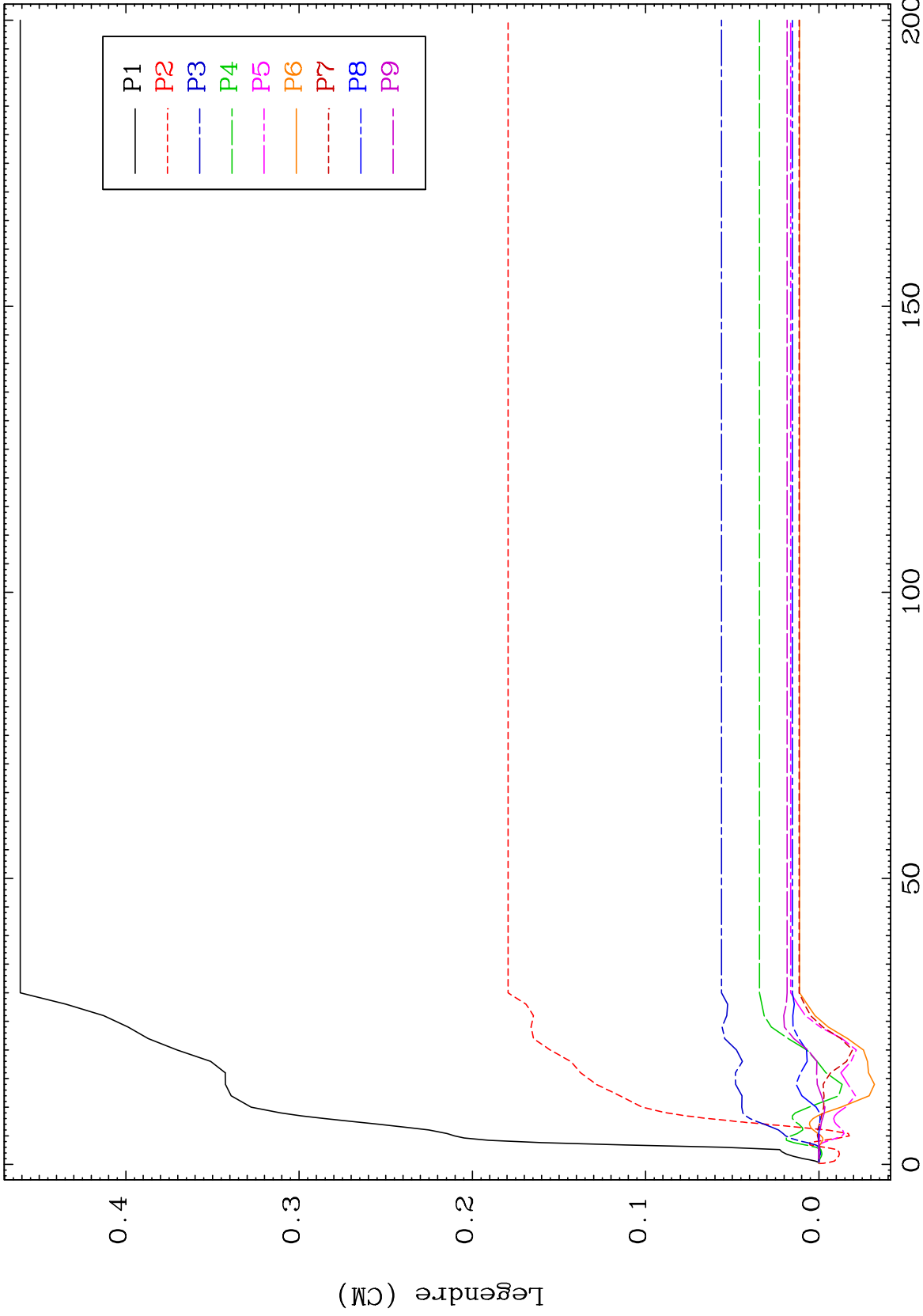
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



36

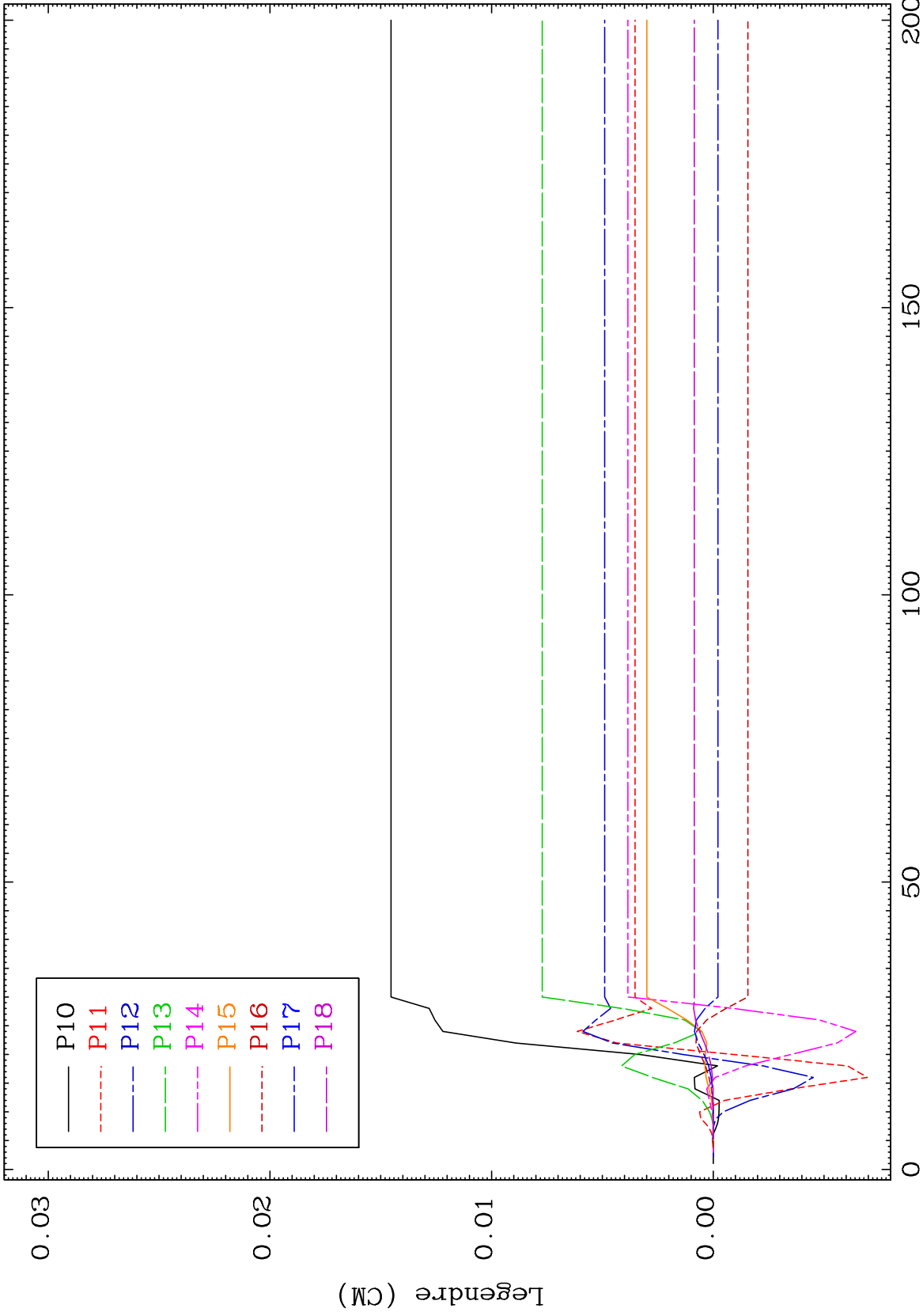
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



37

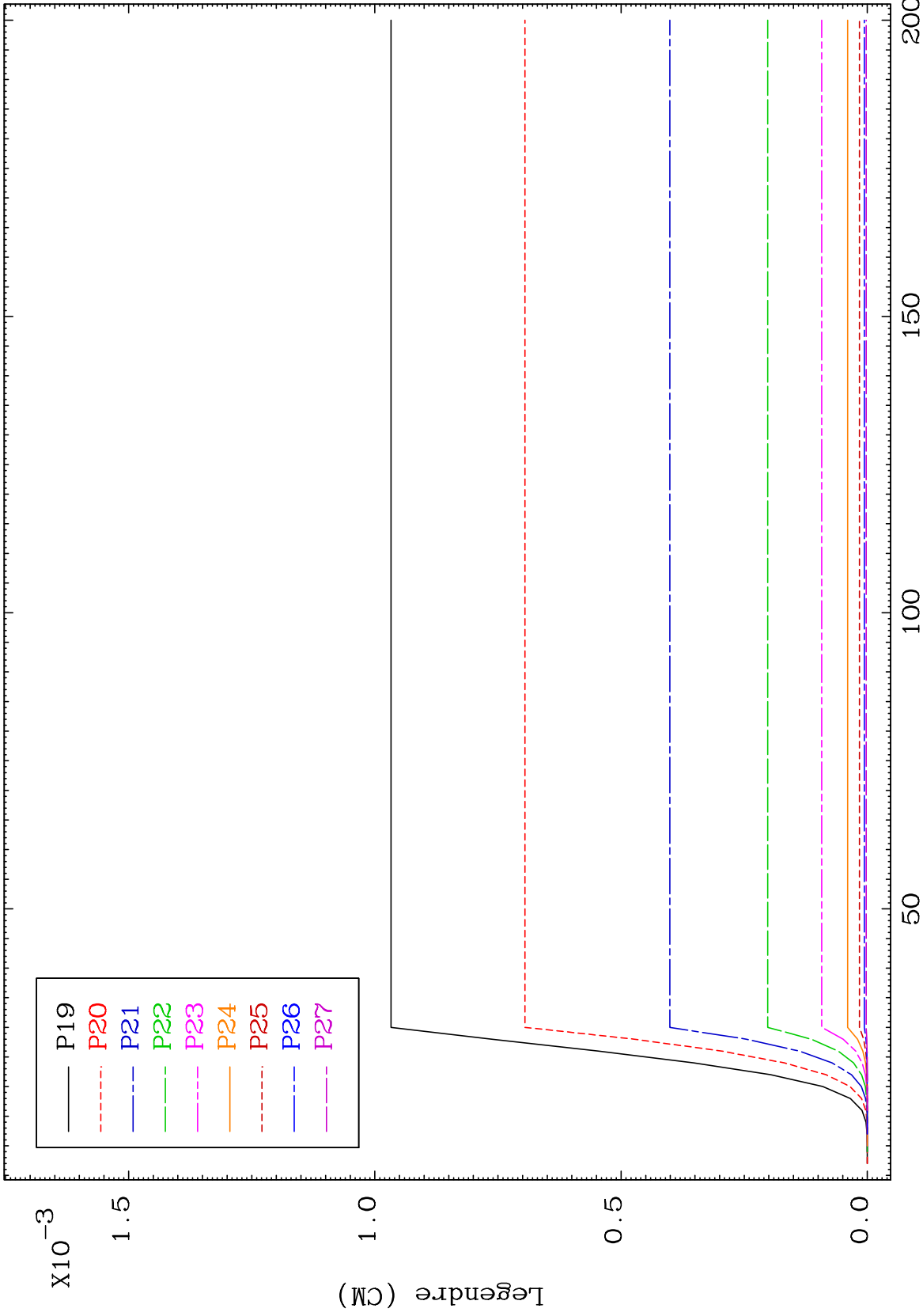
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



38

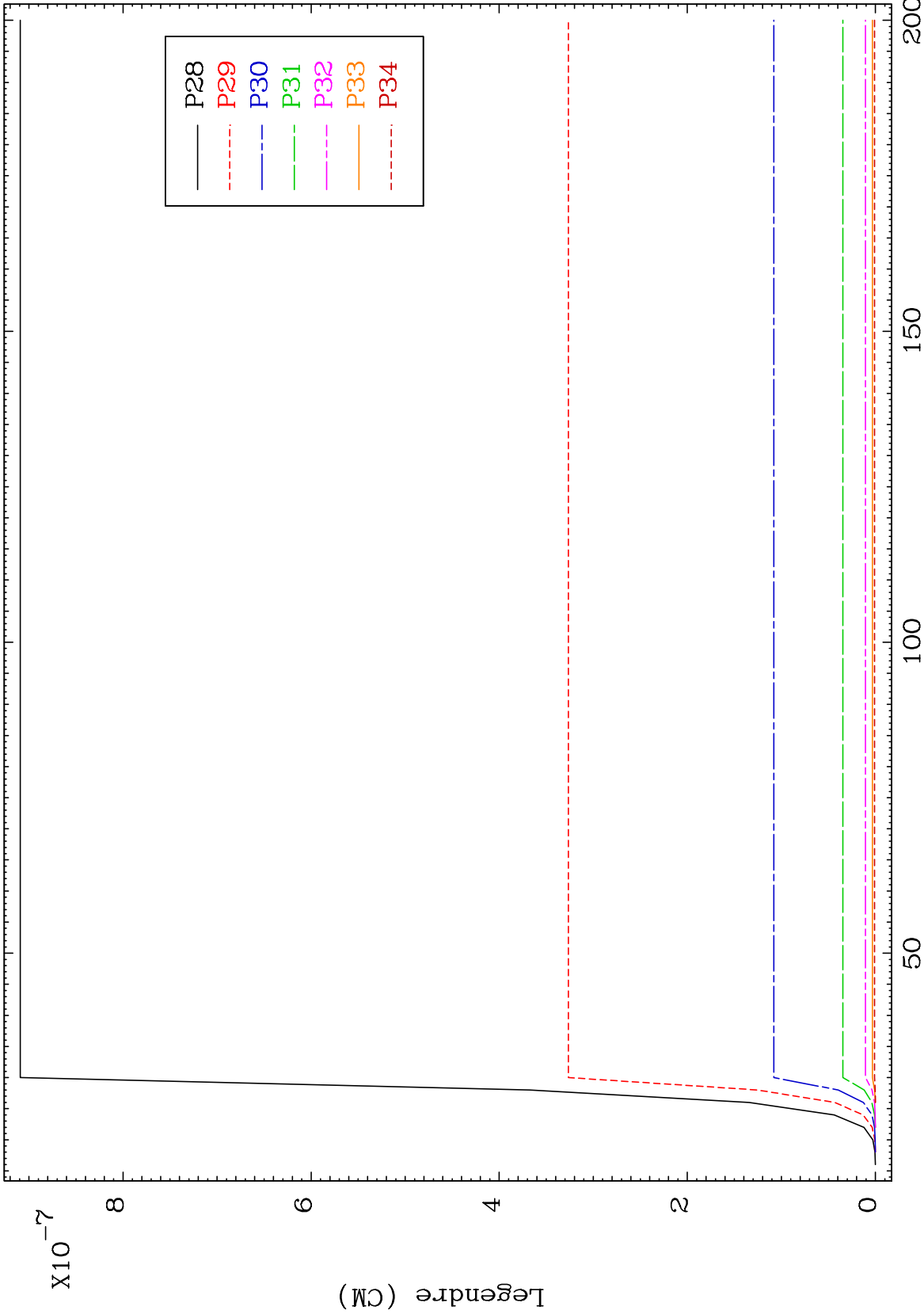
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



39

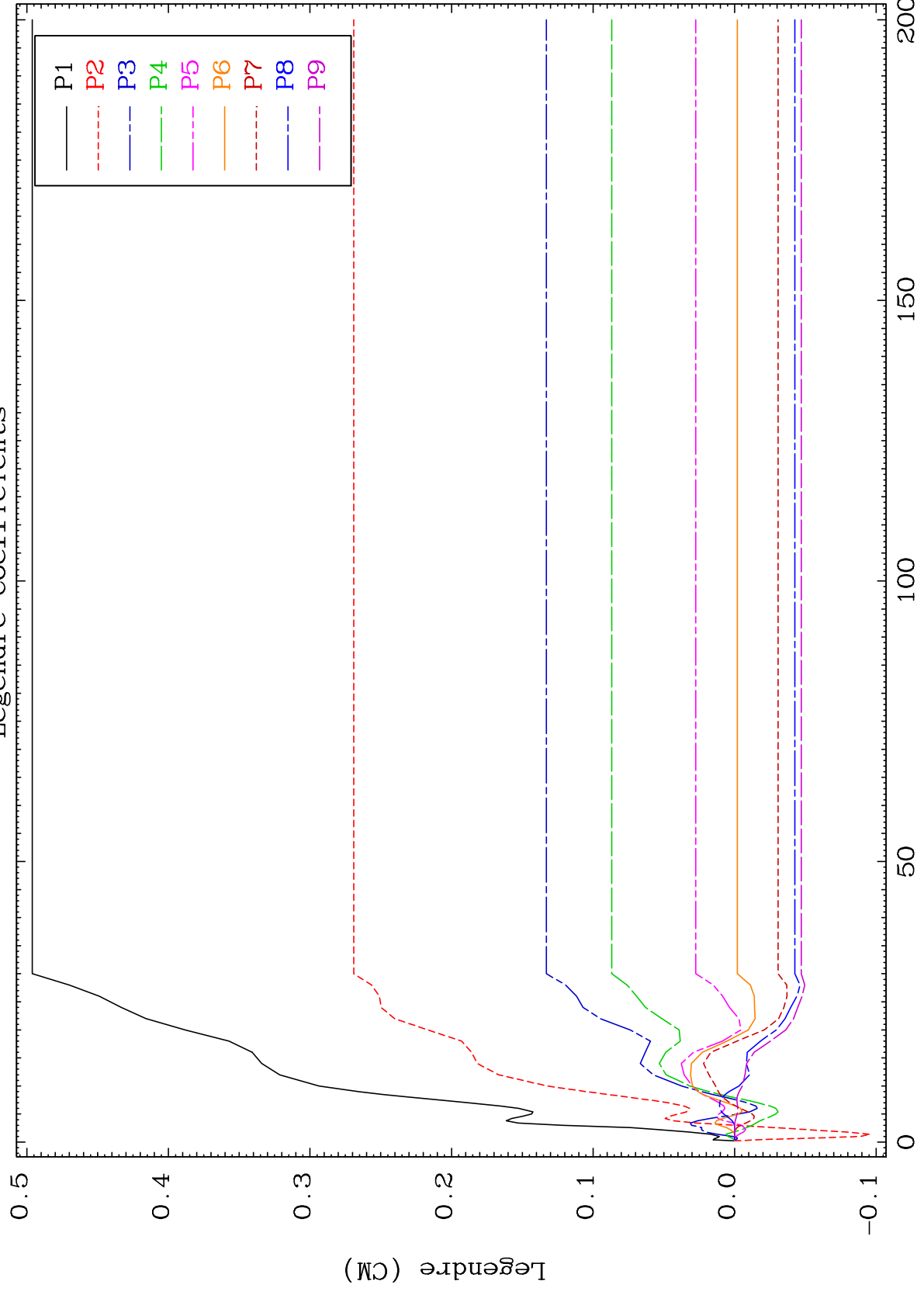
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



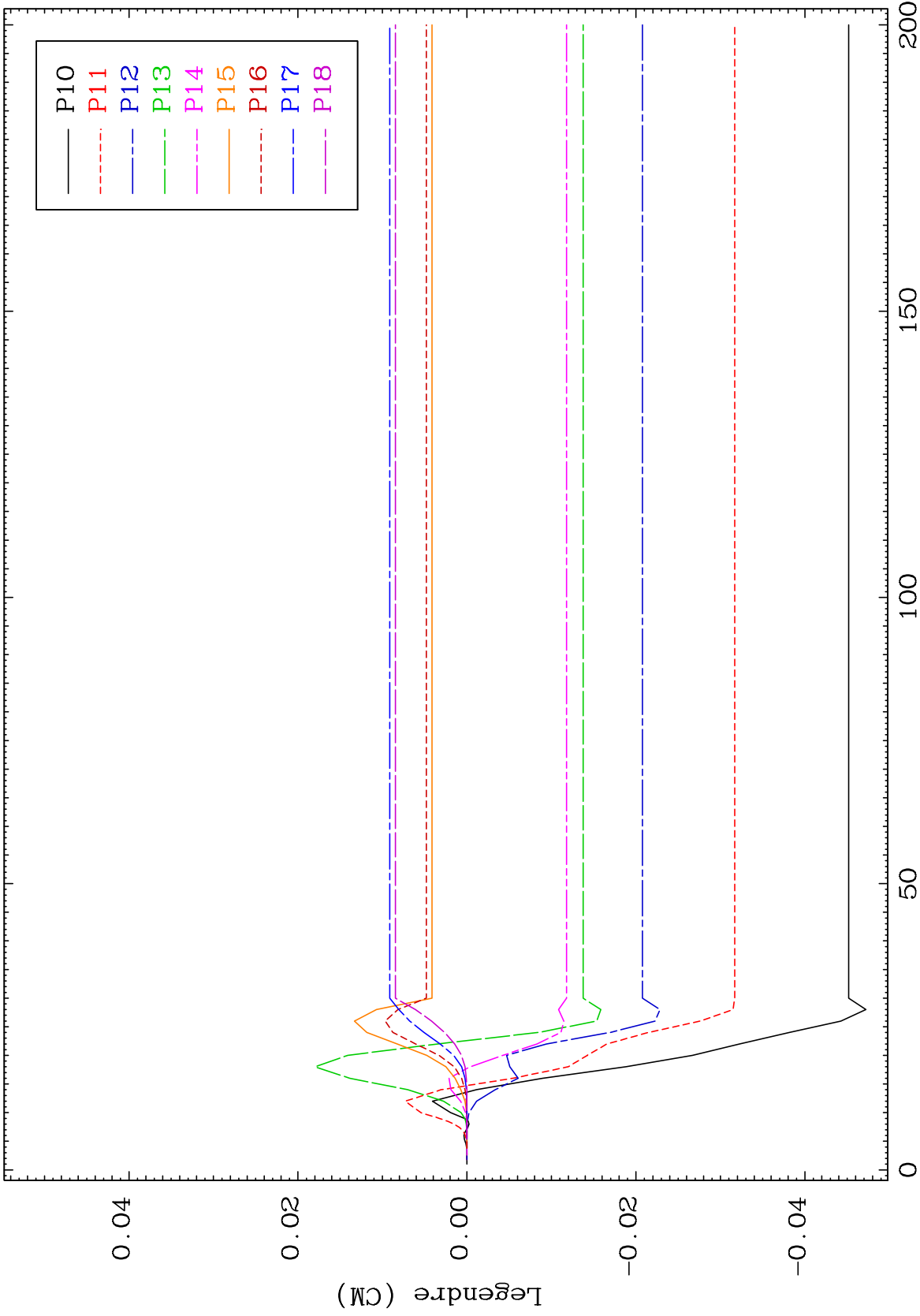
43-Tc-107

Incident Energy (MeV)

MAT 4349

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

43-Tc-107



41

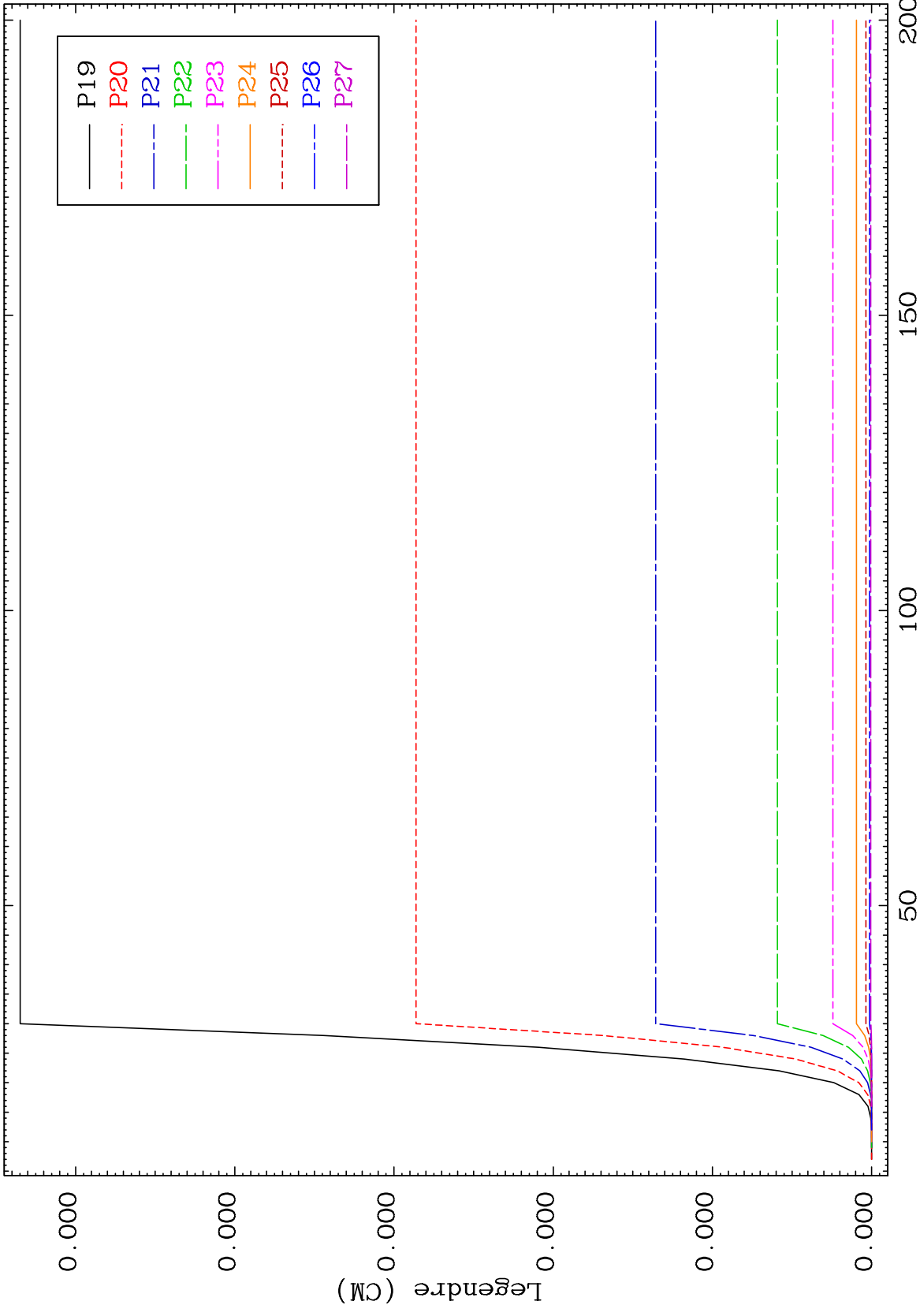
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



42

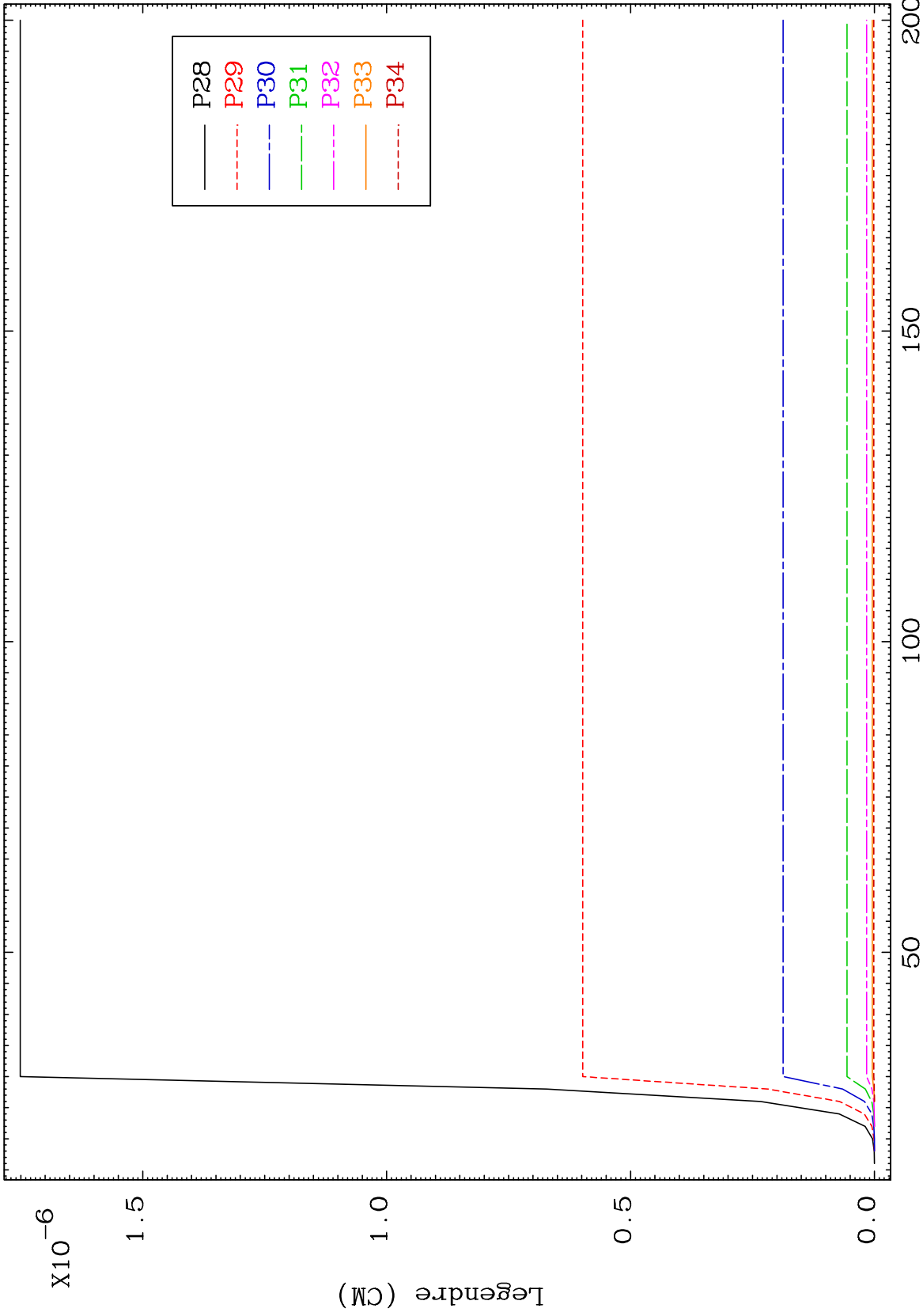
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



43

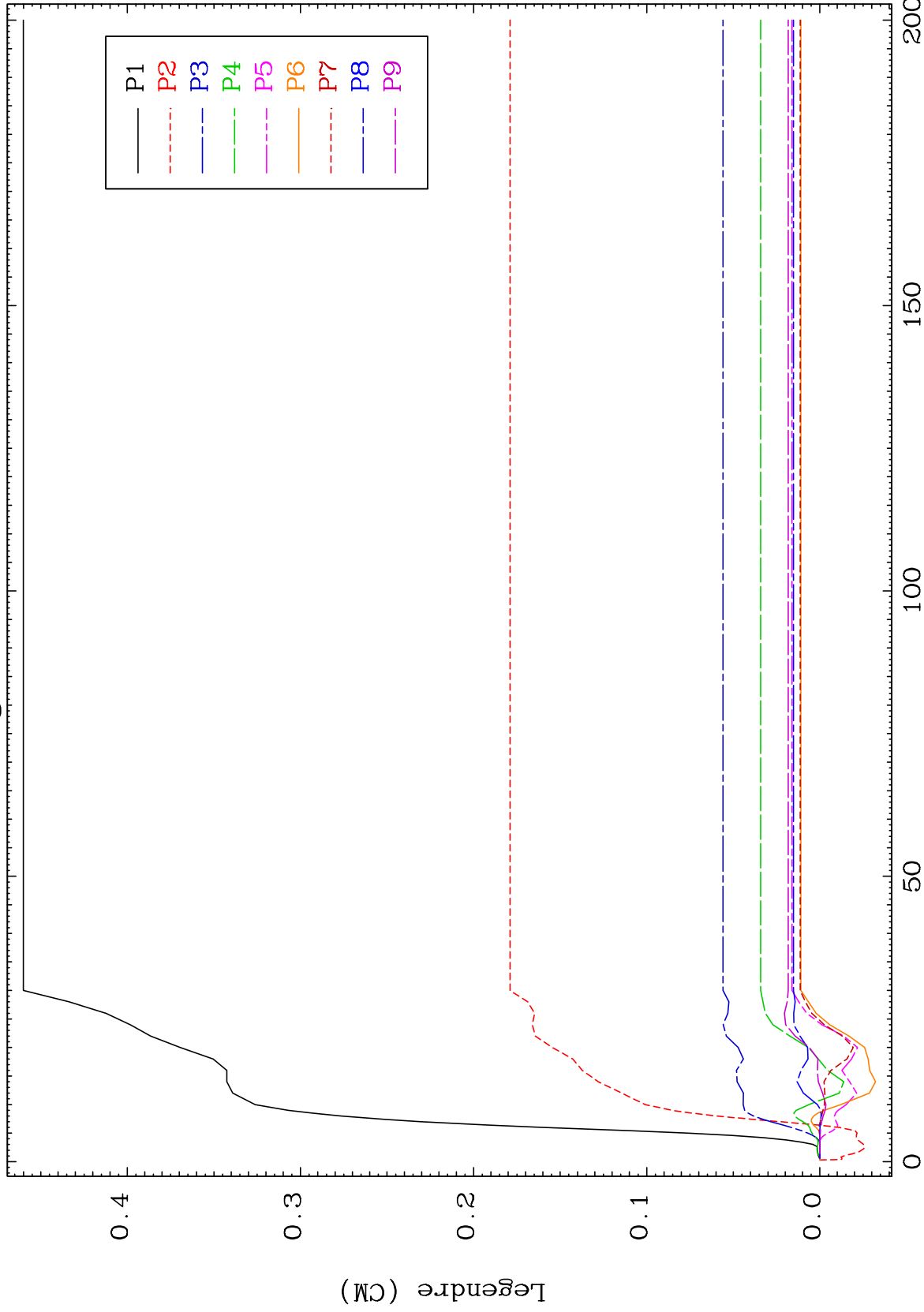
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



44

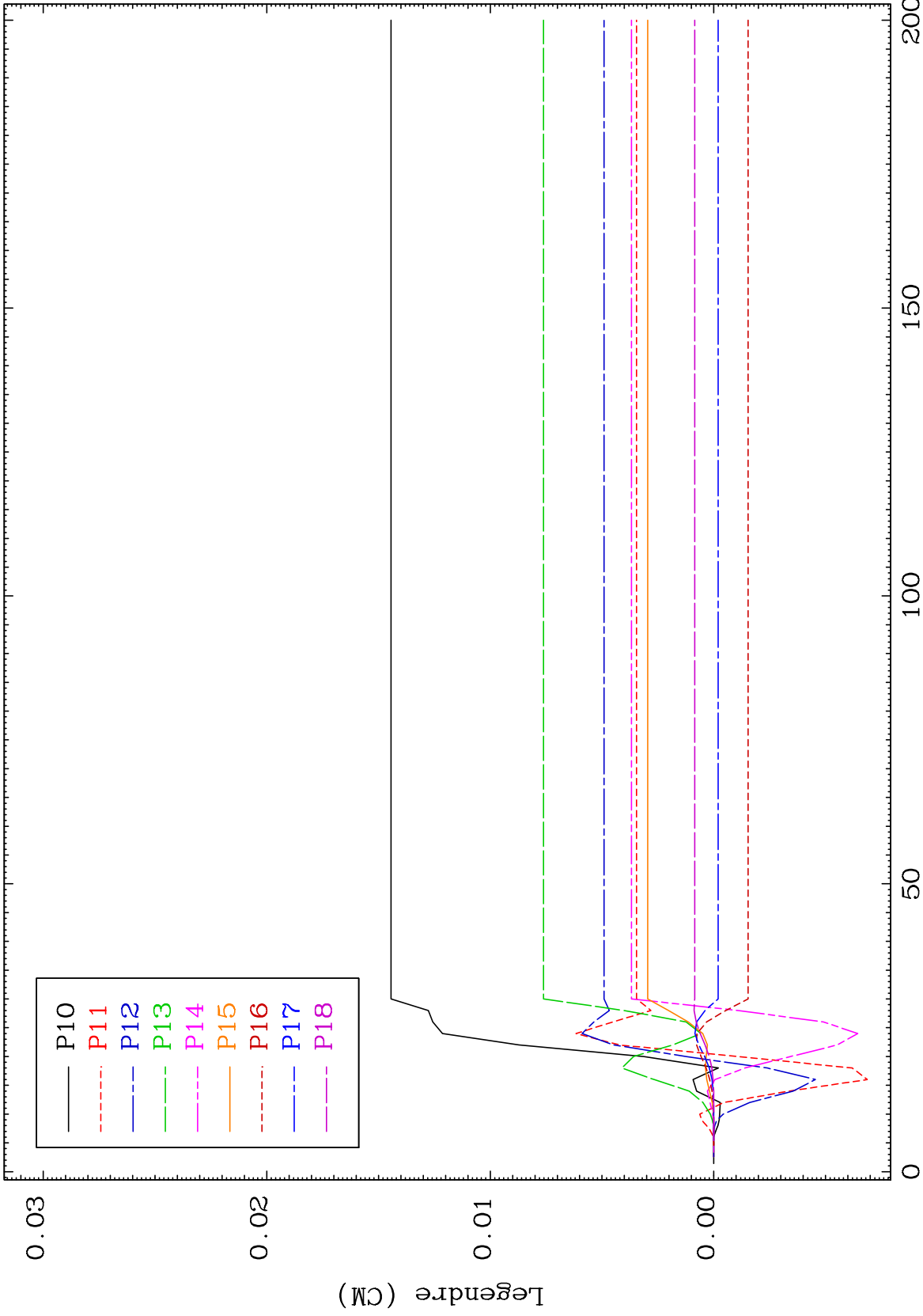
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



45

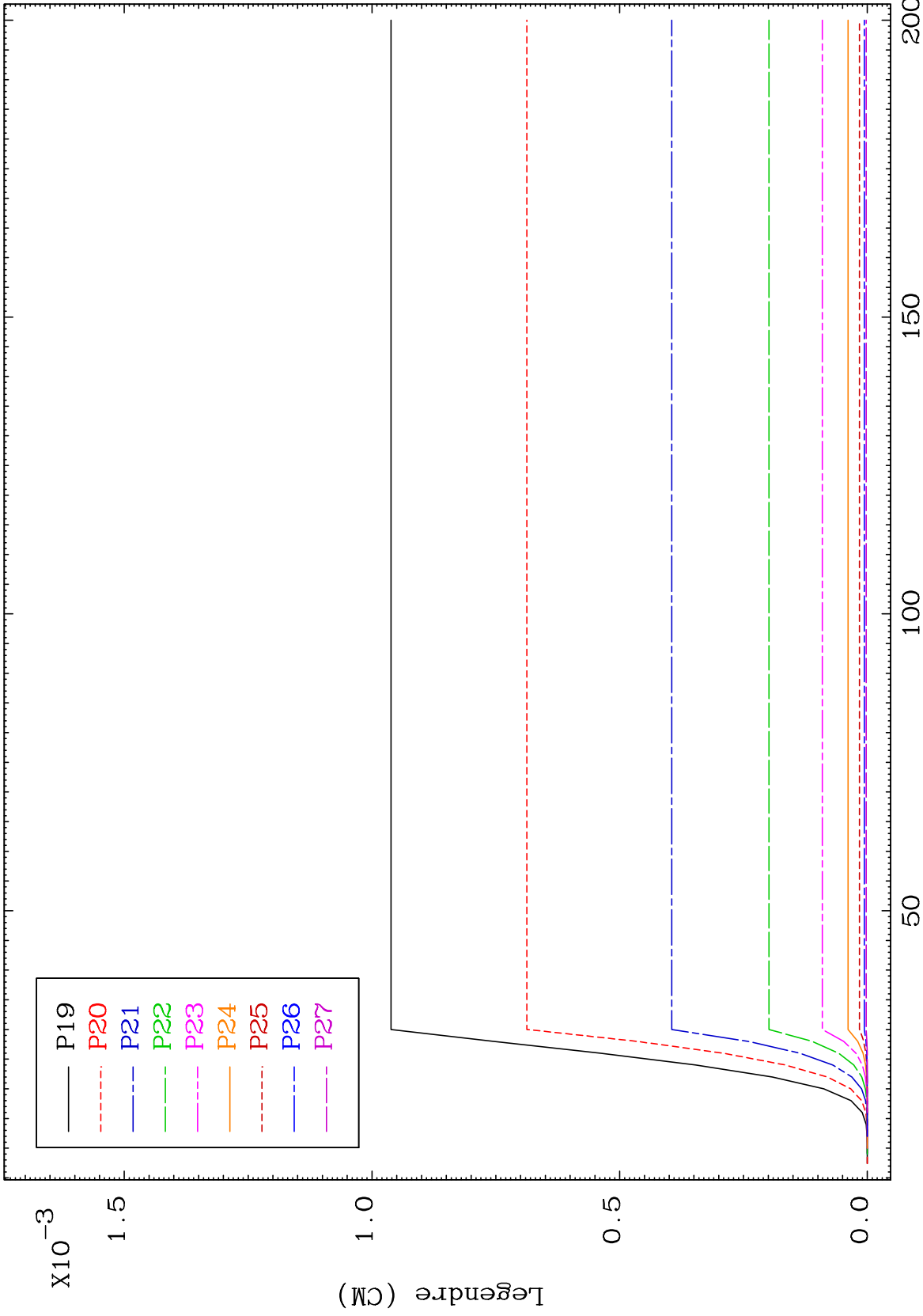
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



46

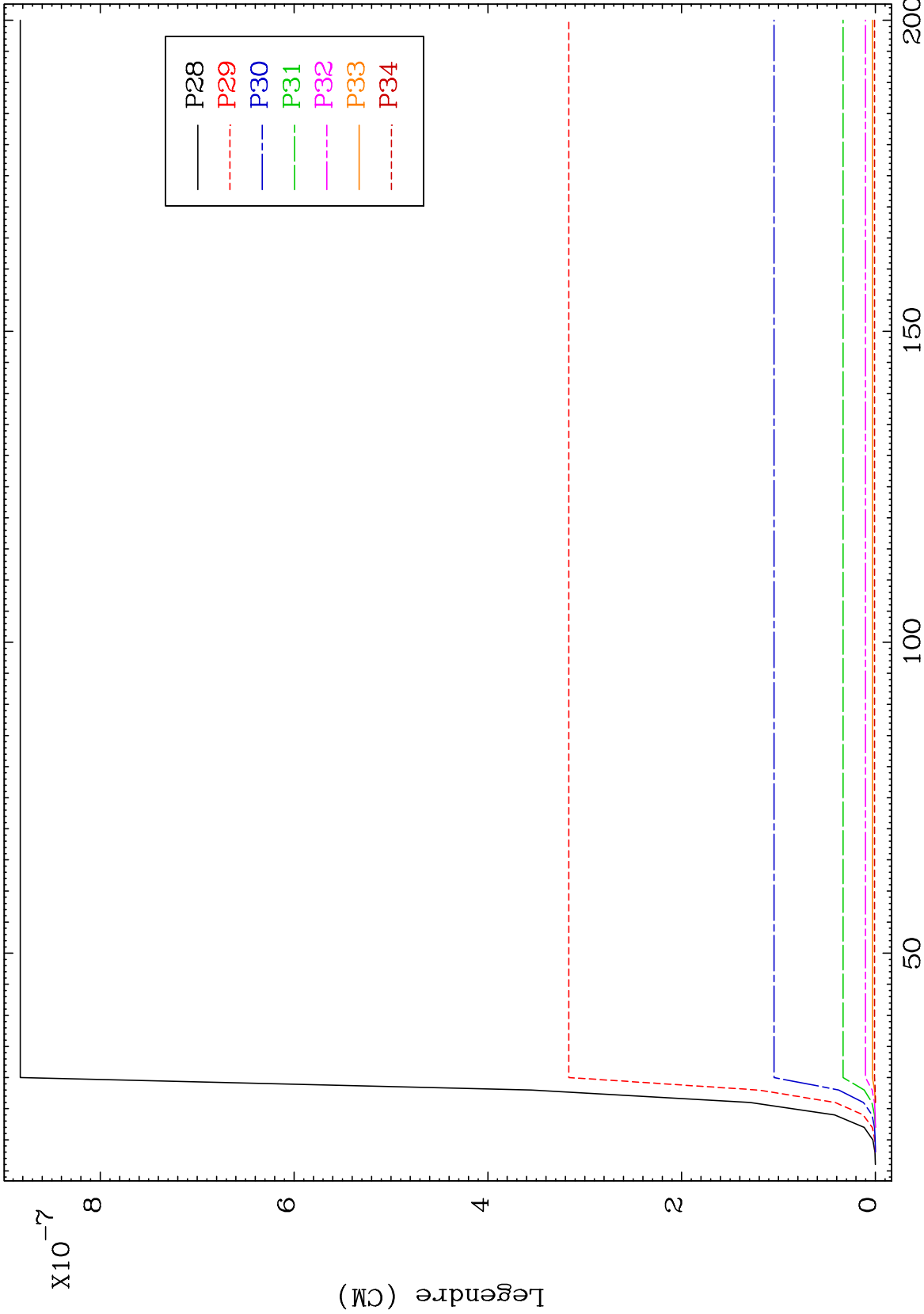
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



47

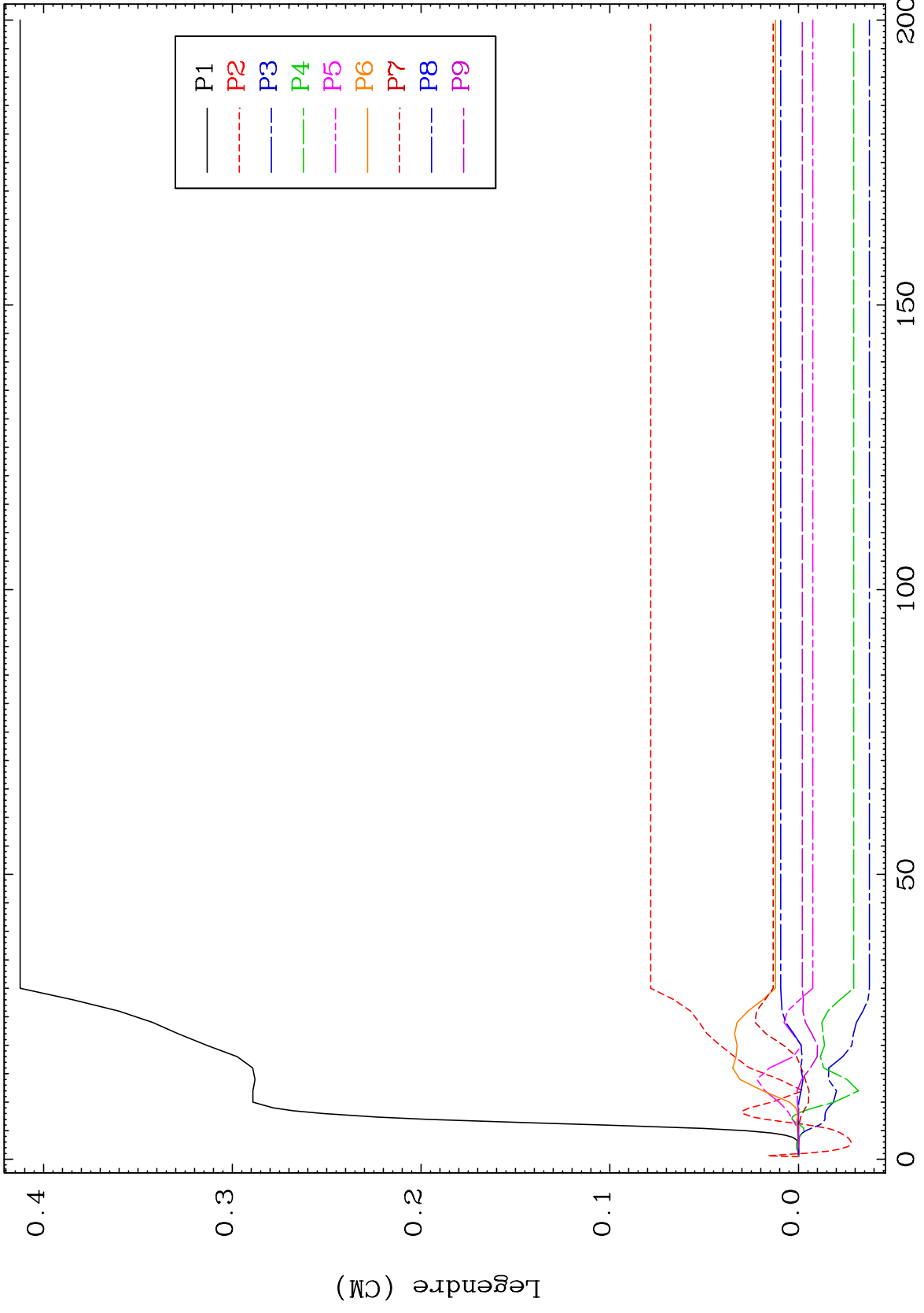
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



48

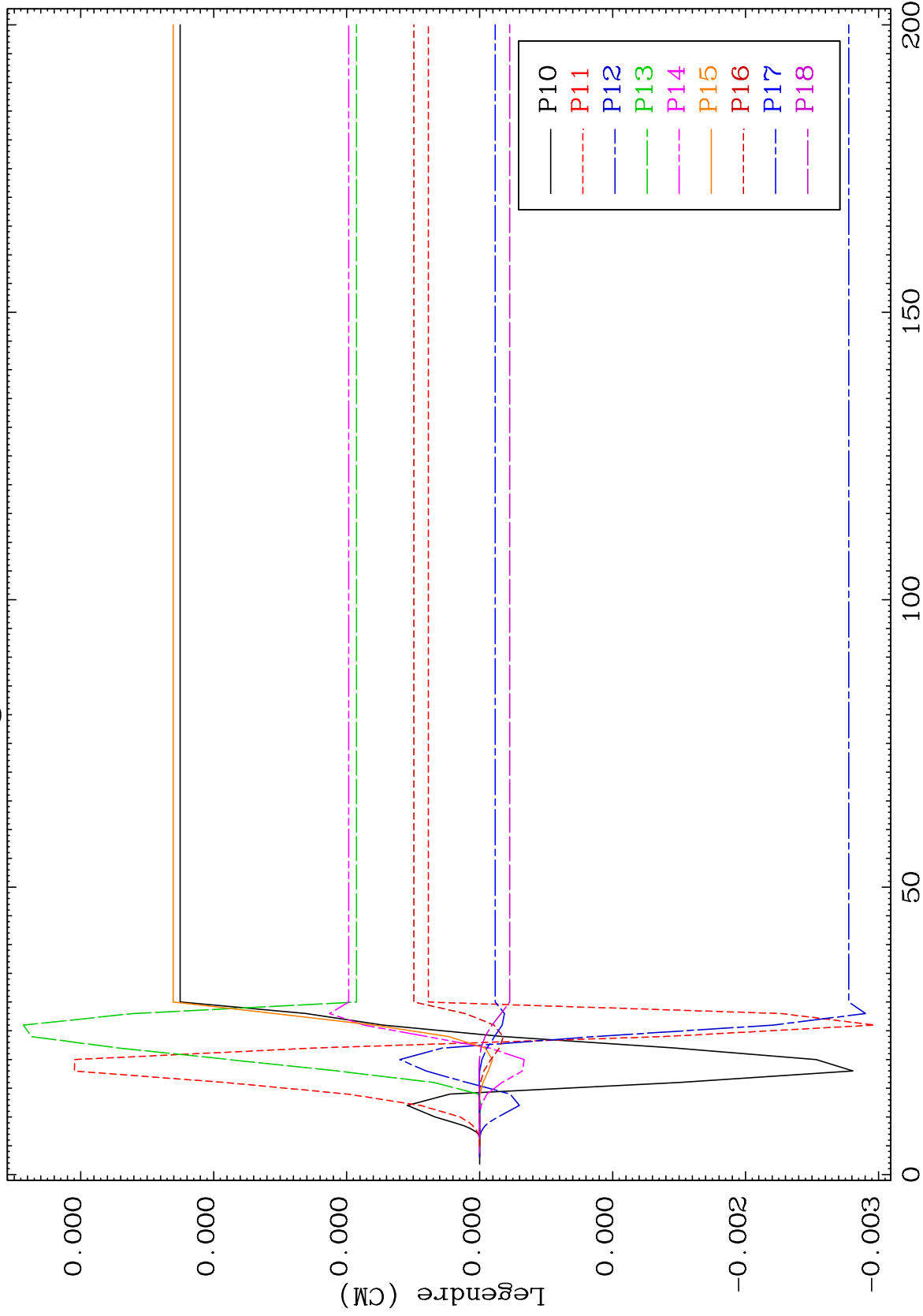
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



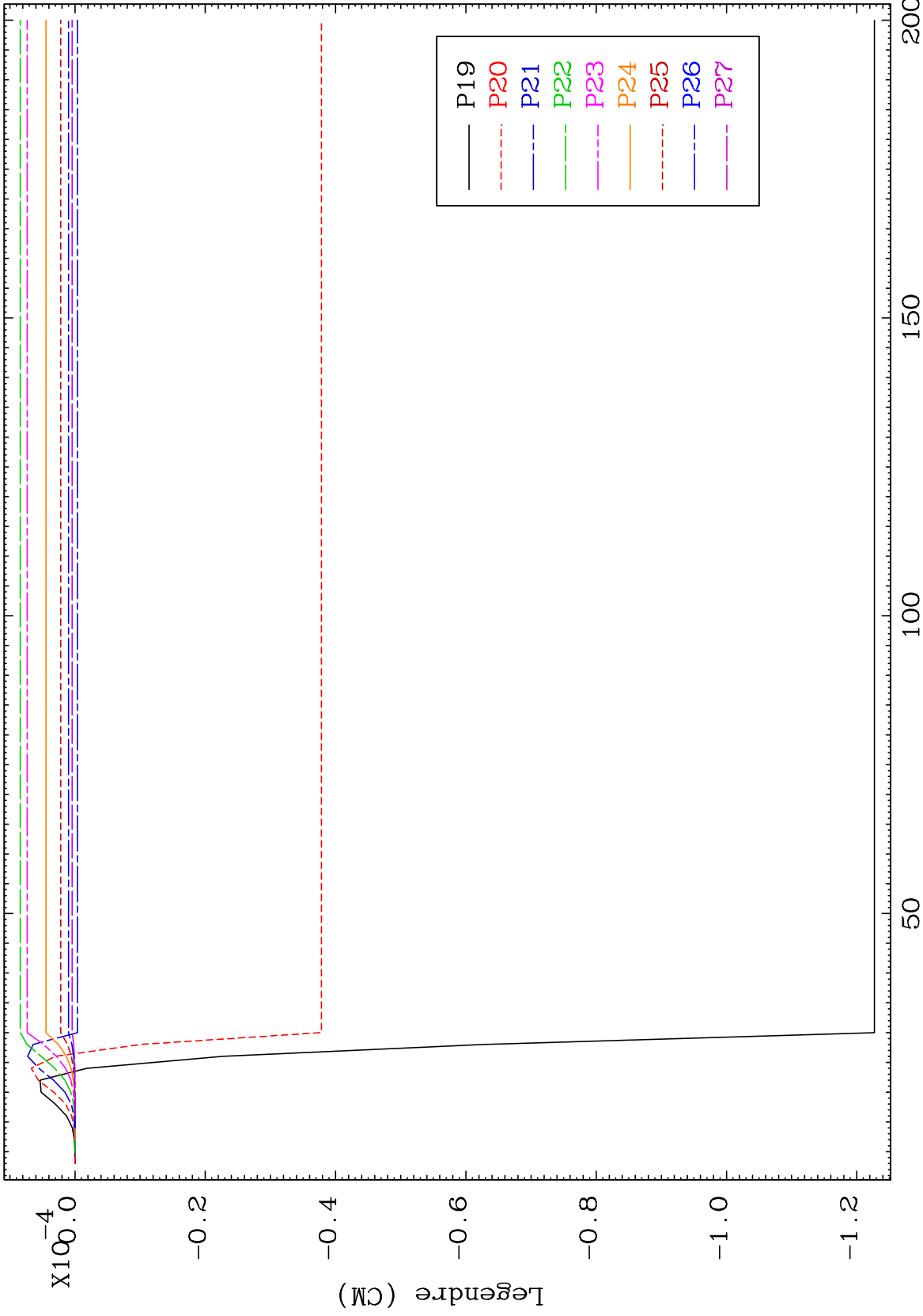
49

43-Tc-107

MAT 4349

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

43-Tc-107



50

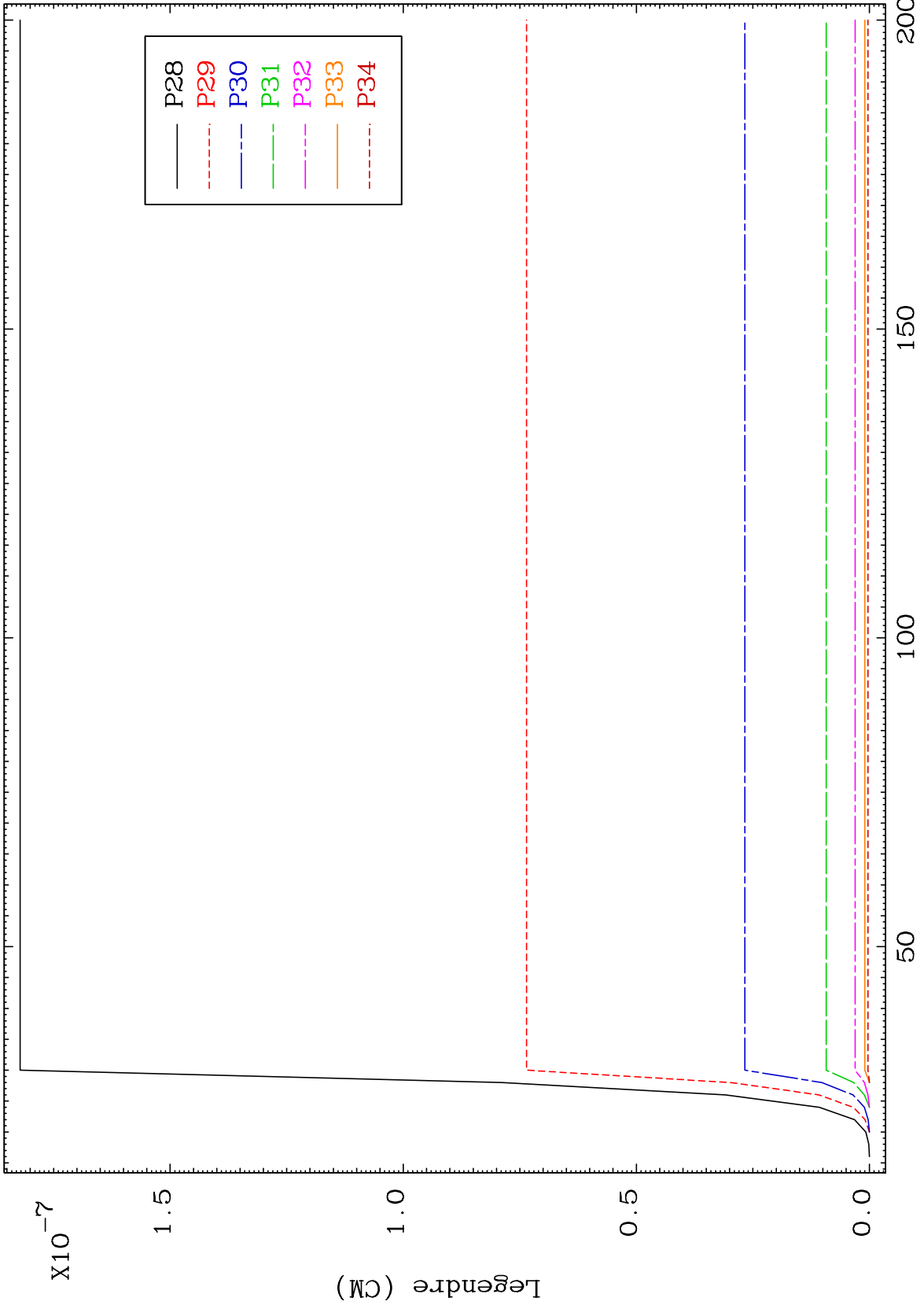
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



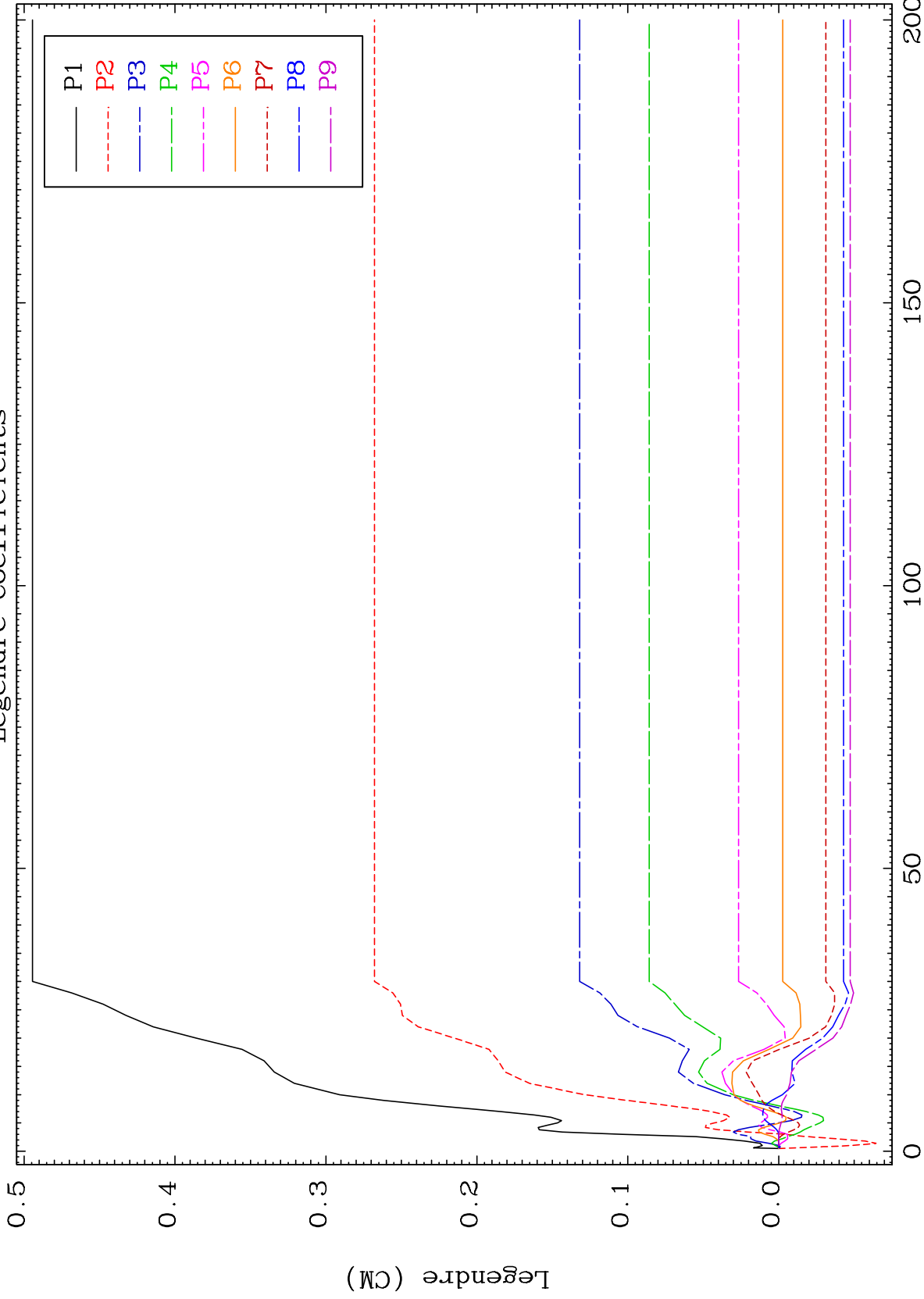
51

43-Tc-107

MAT 4349

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

43-Tc-107



52

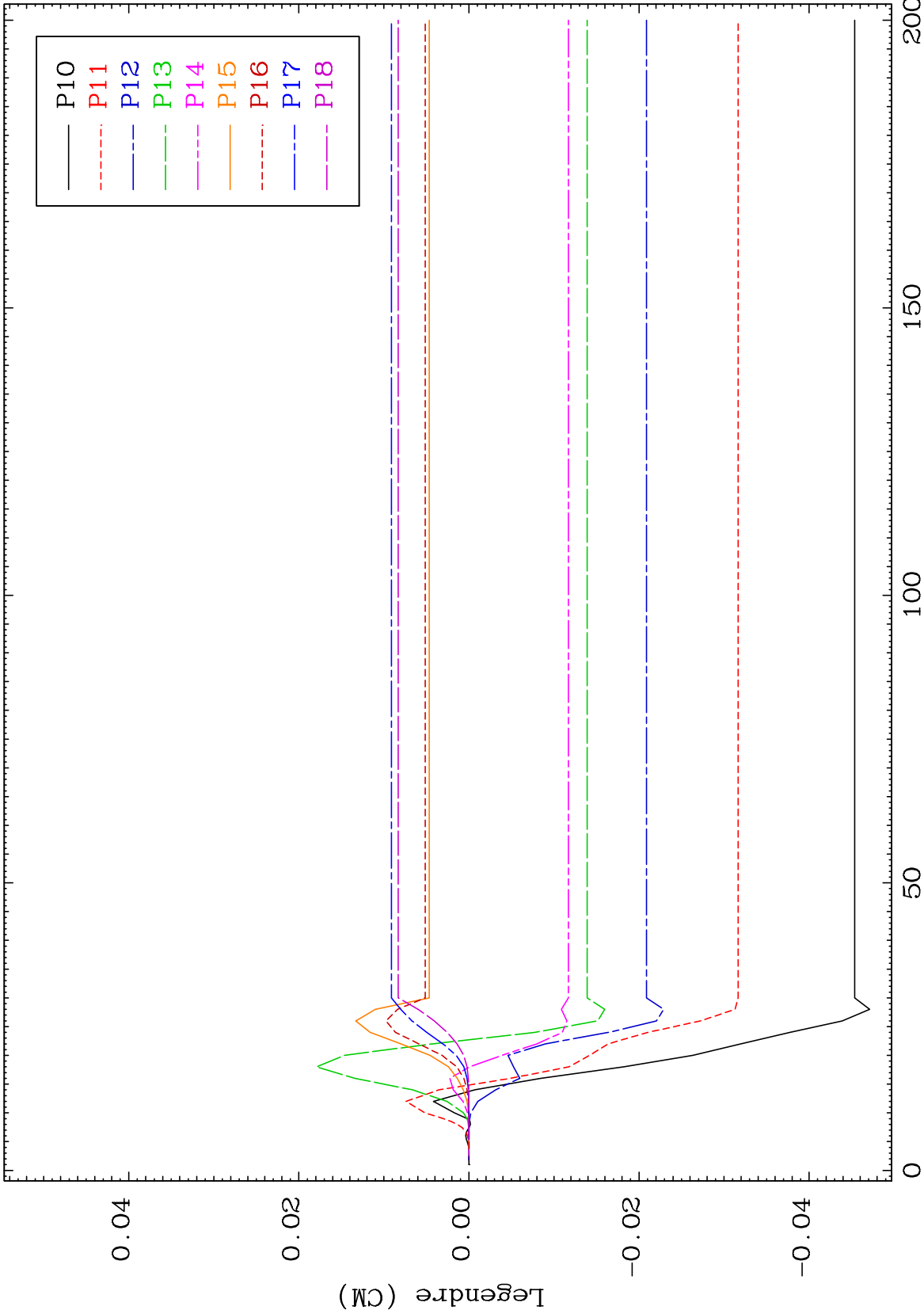
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



53

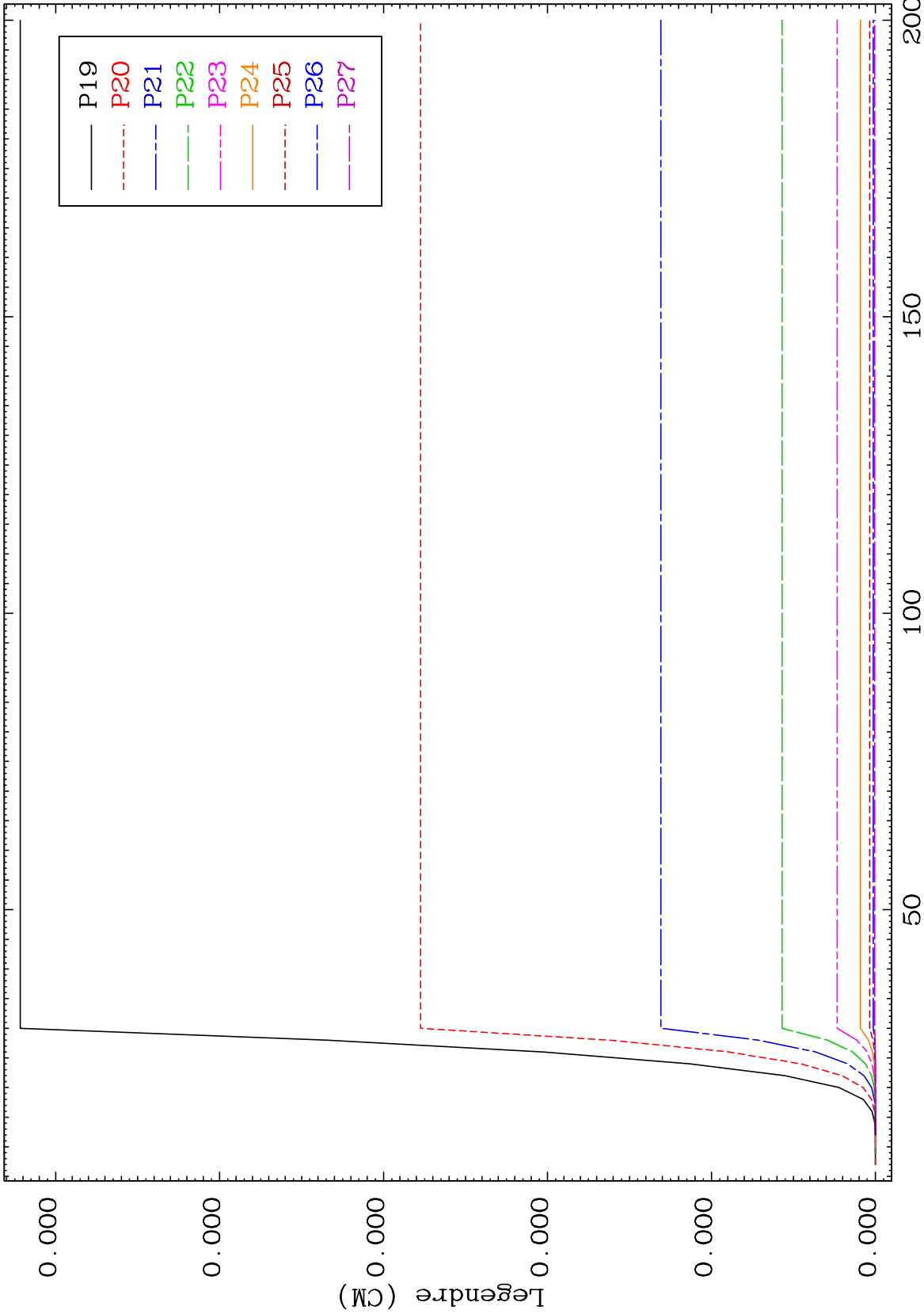
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



54

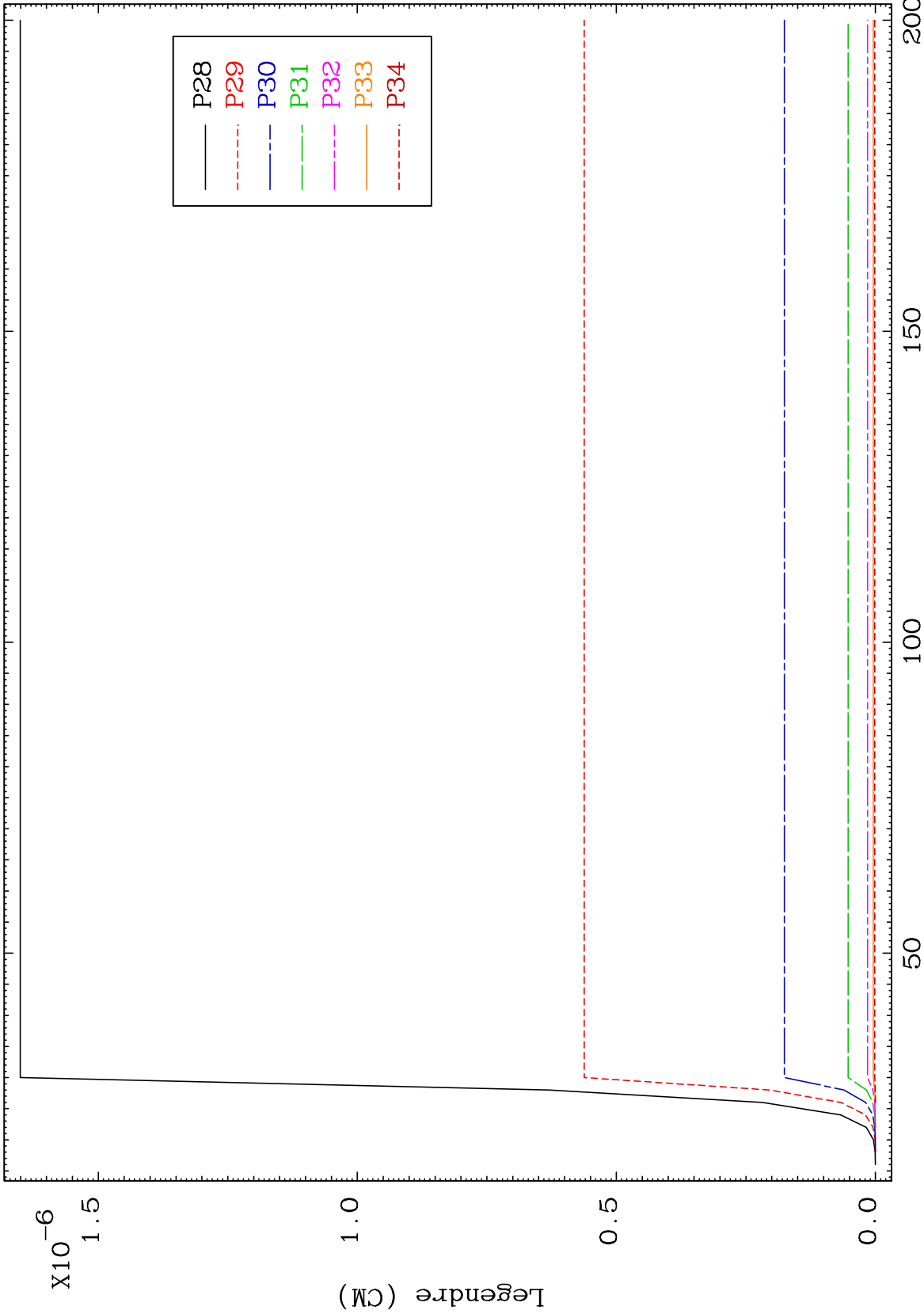
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



55

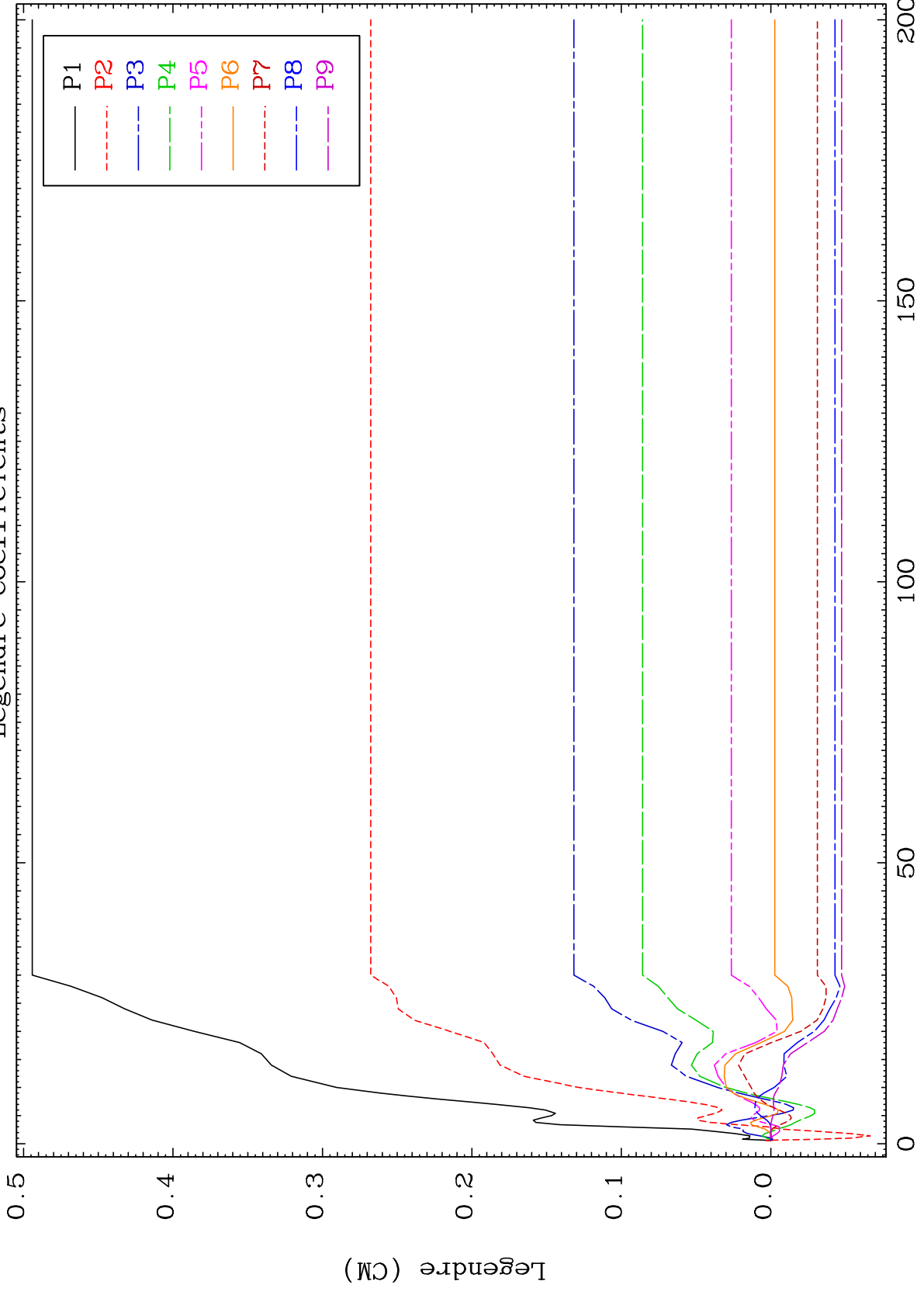
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



56

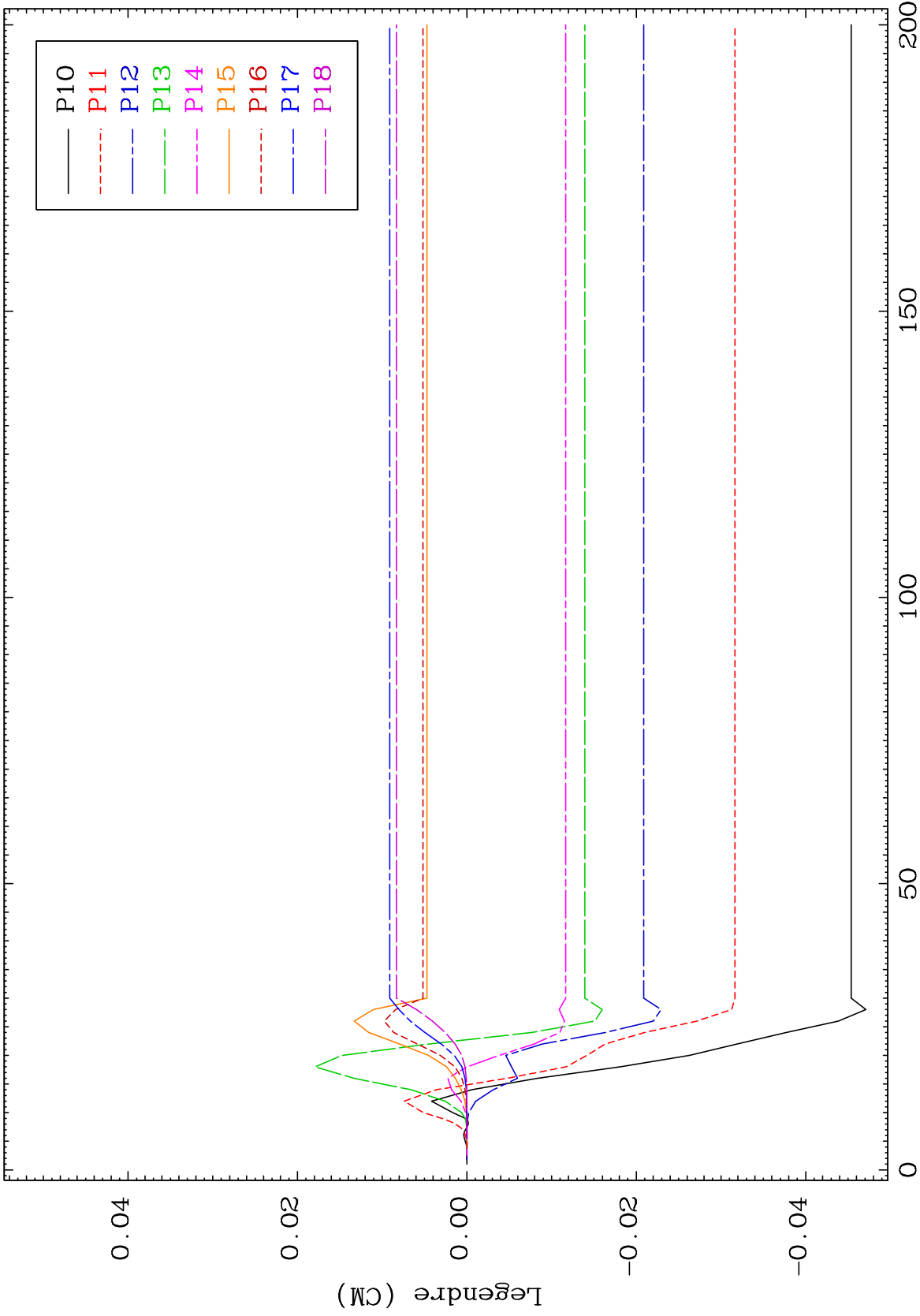
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



57

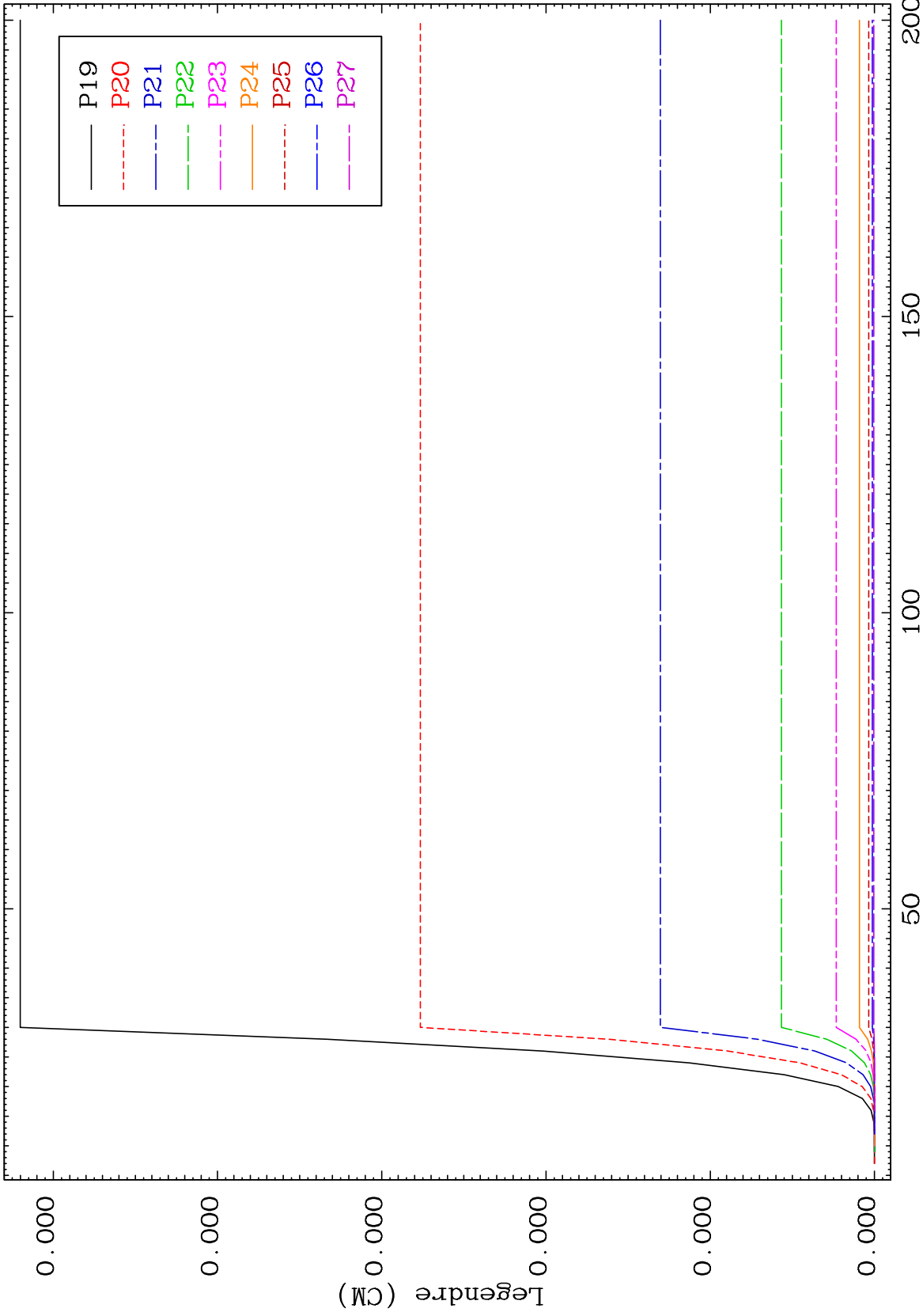
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



58

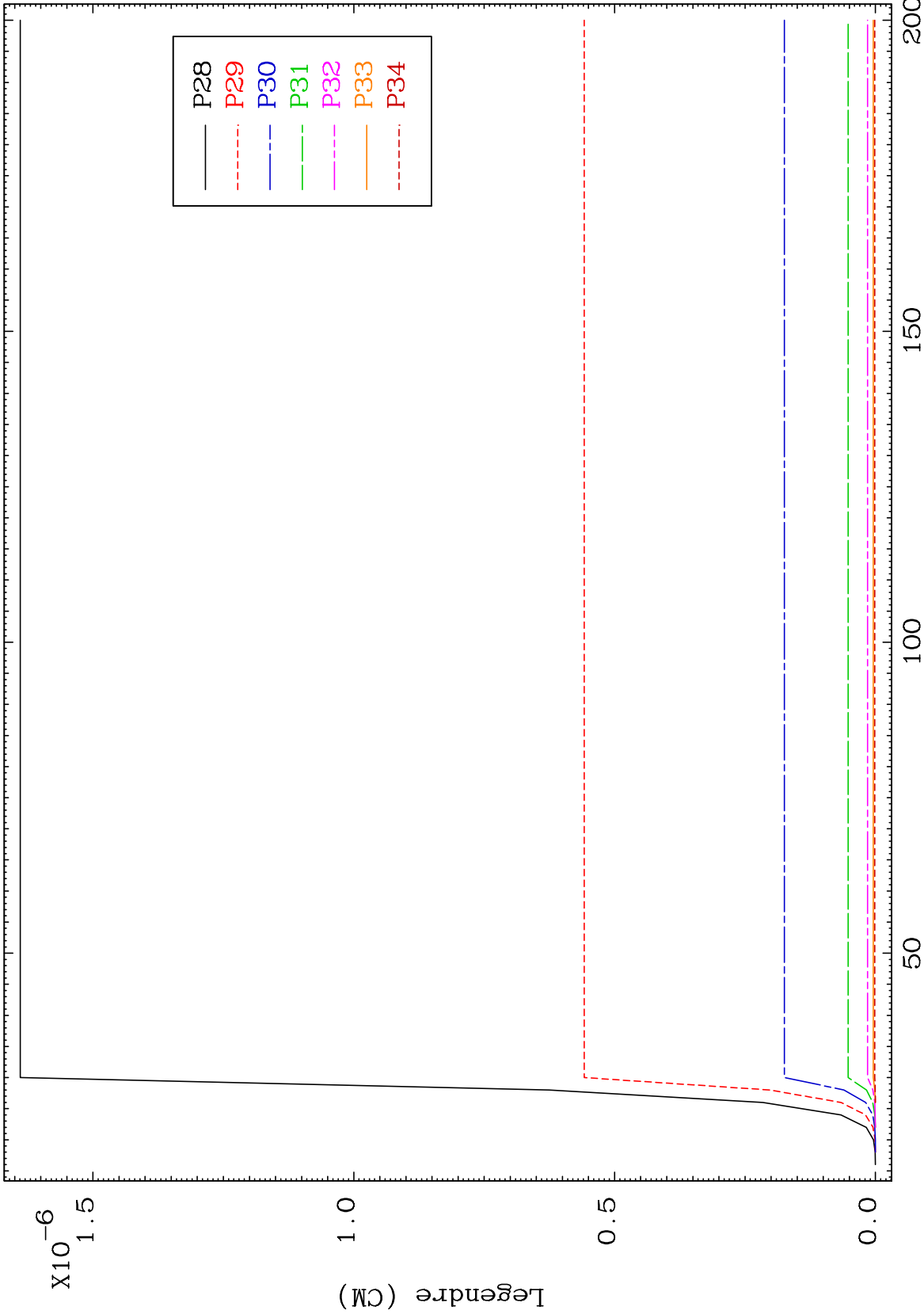
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



59

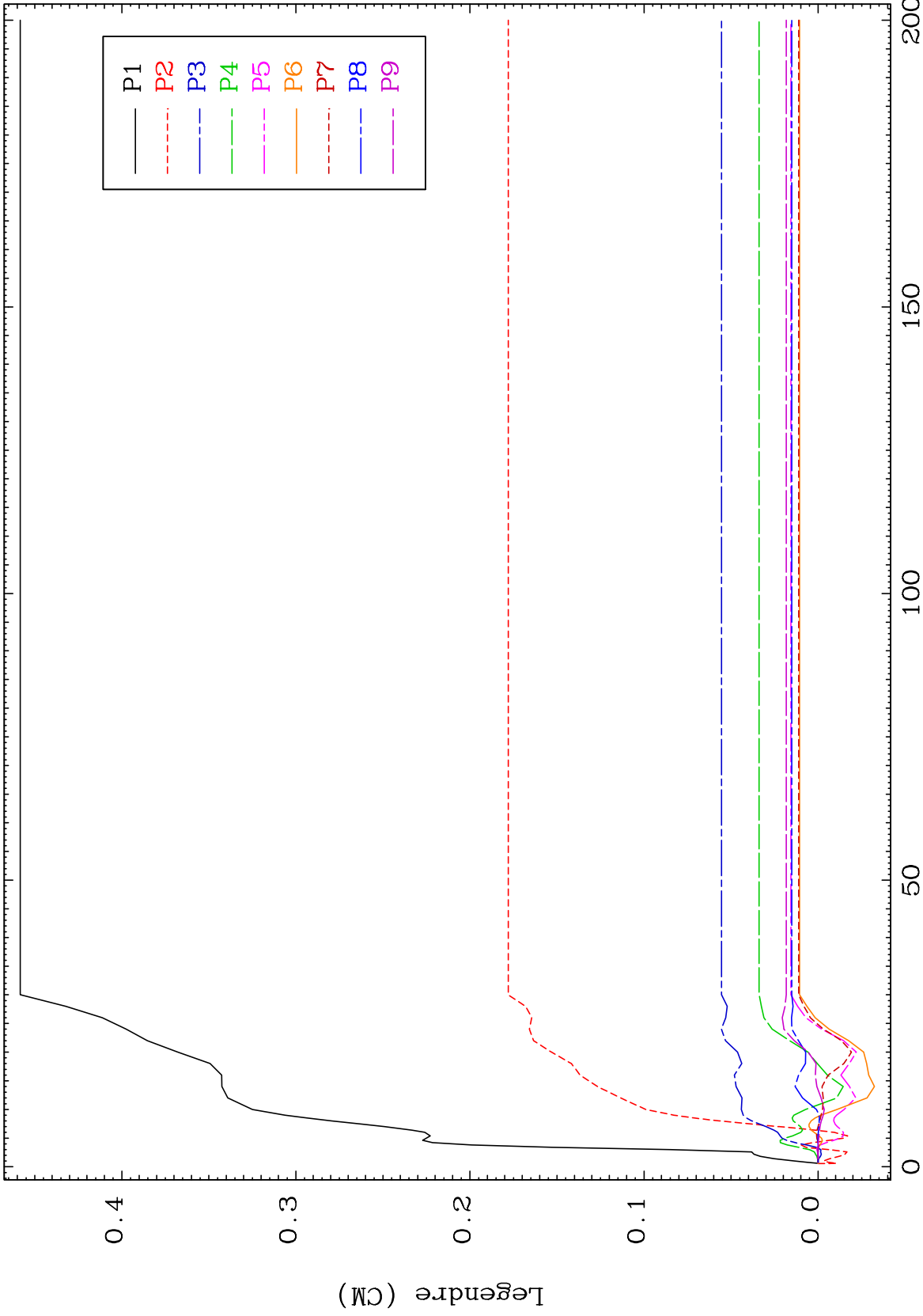
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



0

50

100

150

200

Incident Energy (MeV)

43-Tc-107

Legendre (CM)

0.4

0.3

0.2

0.1

0.0

P1

P2

P3

P4

P5

P6

P7

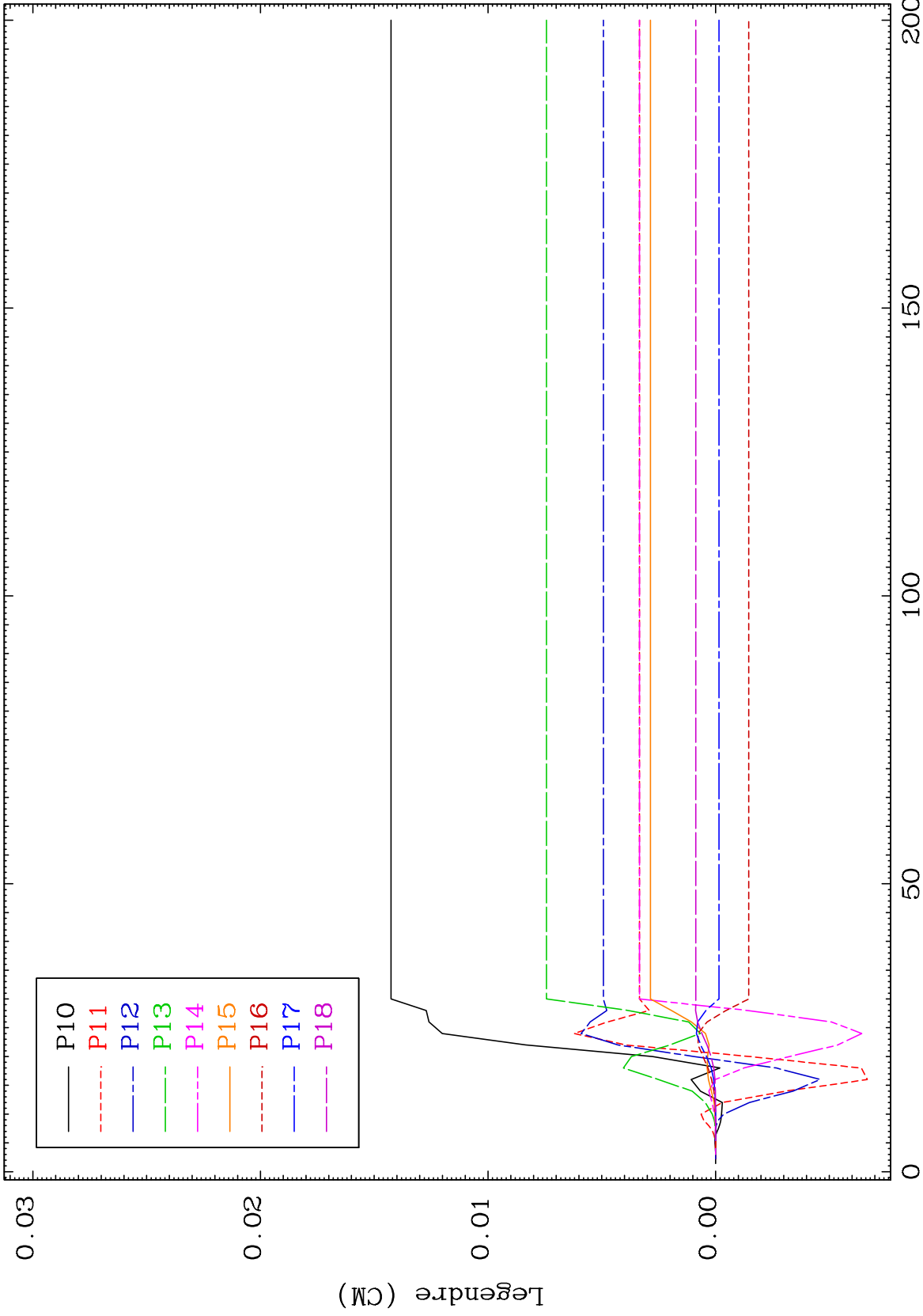
P8

P9

MAT 4349

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

43-Tc-107



61

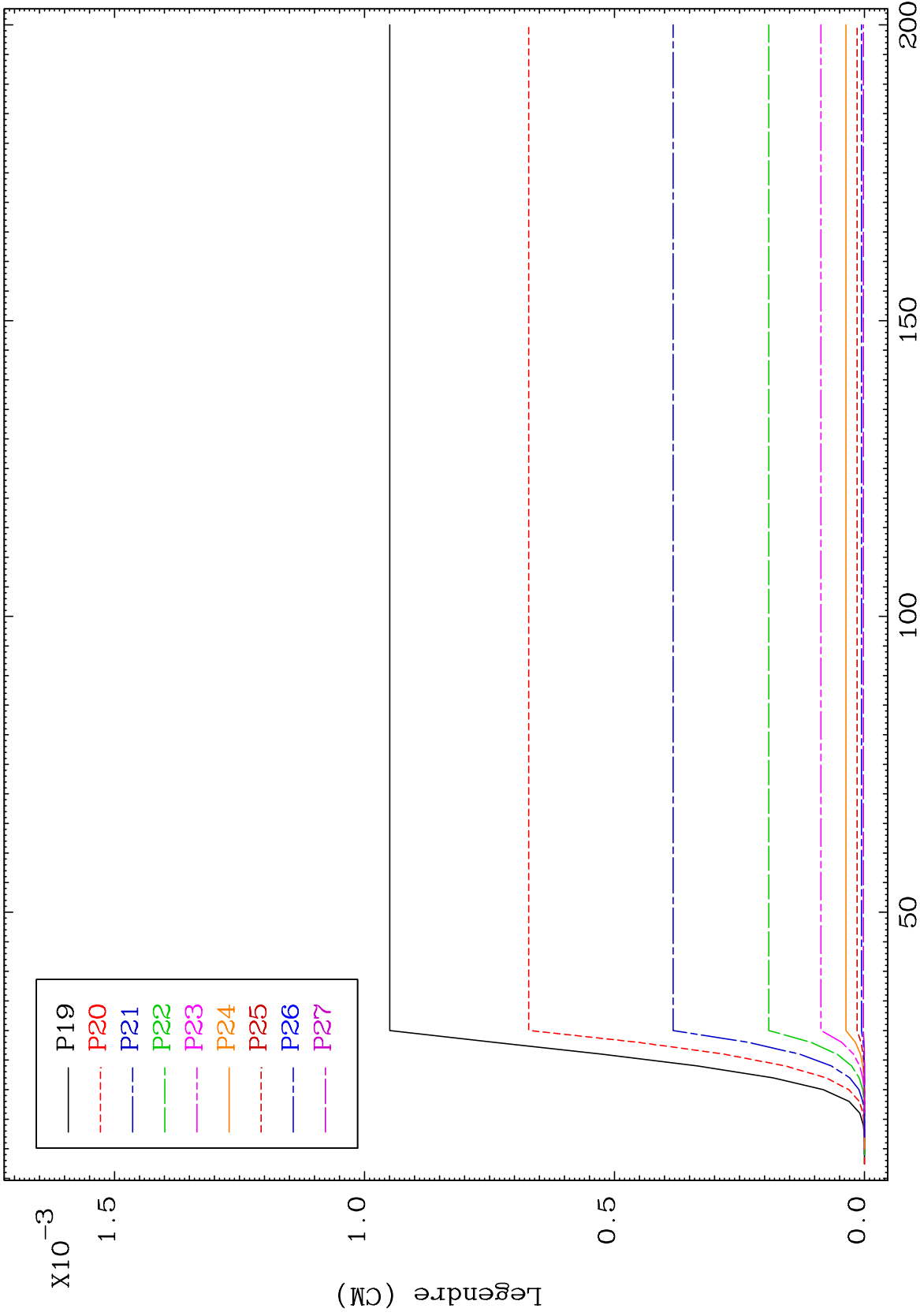
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



62

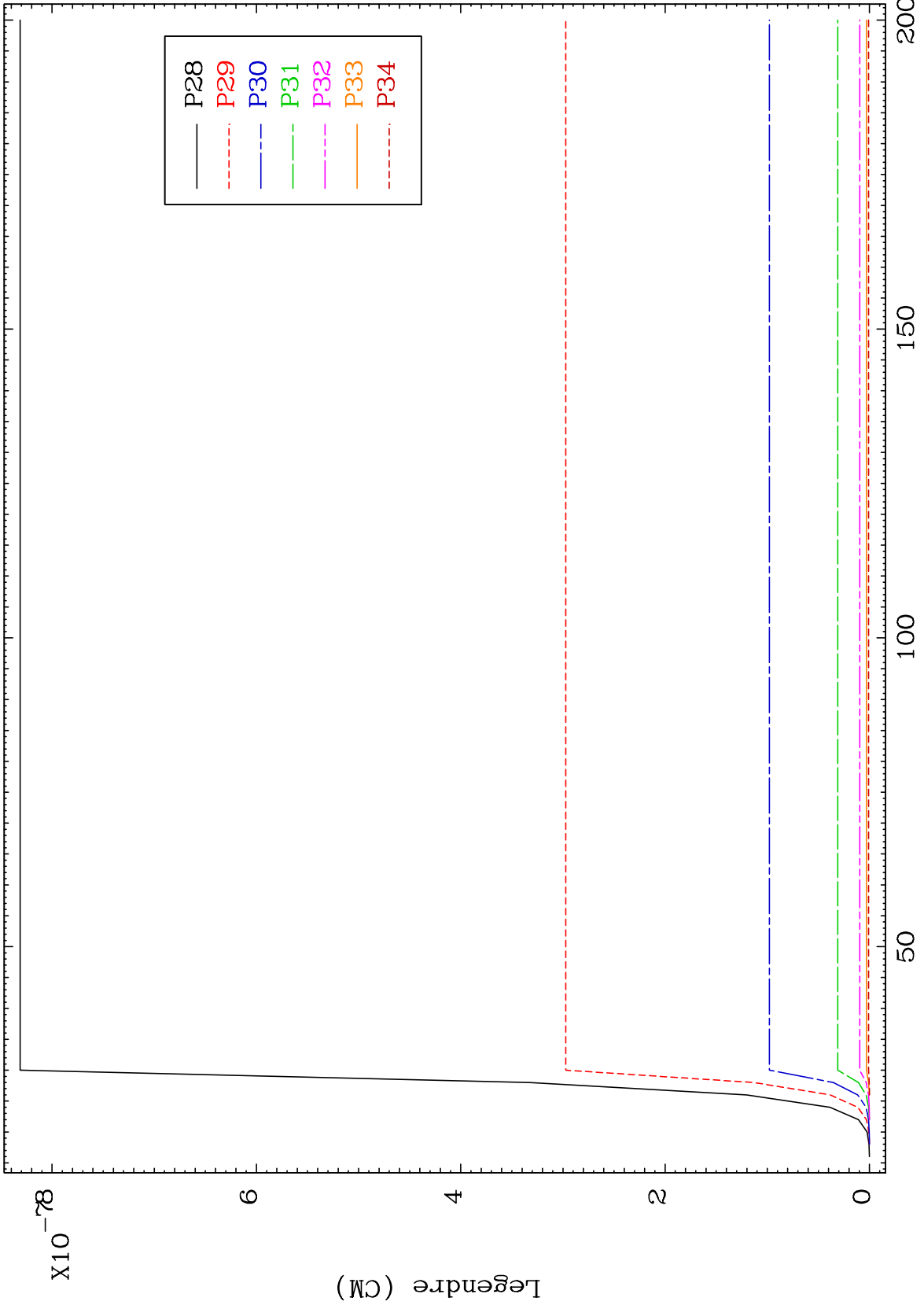
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



63

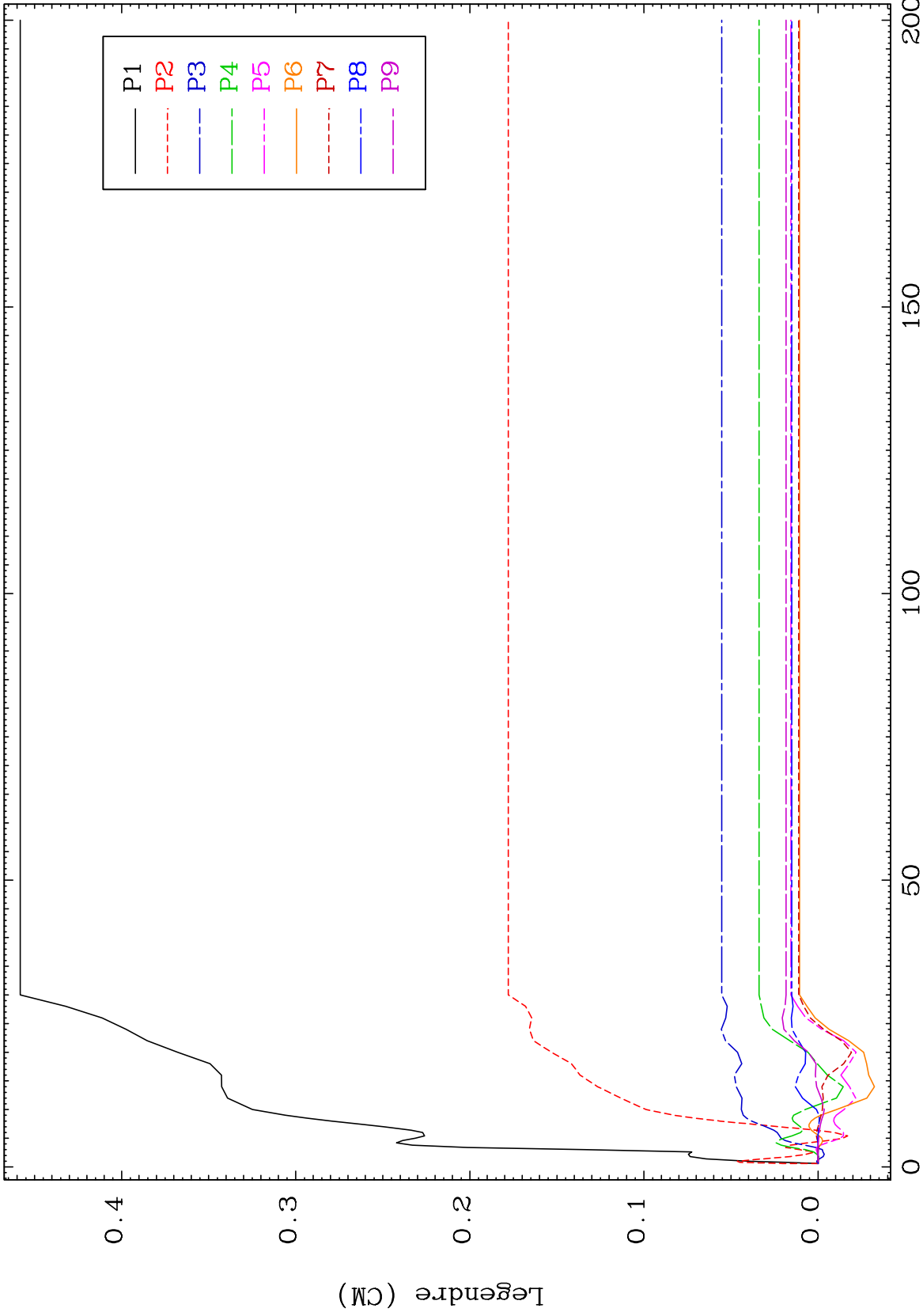
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



64

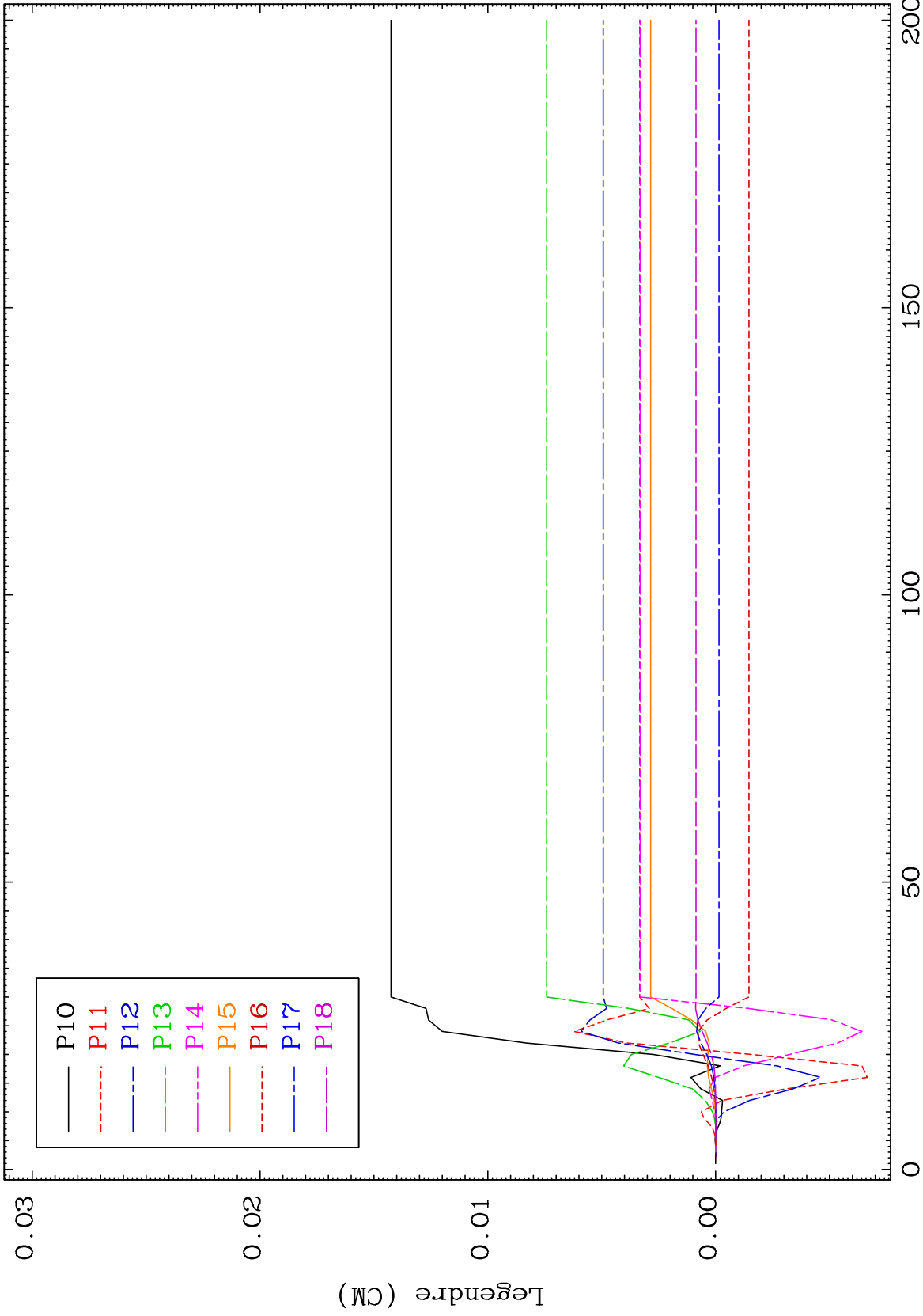
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



65

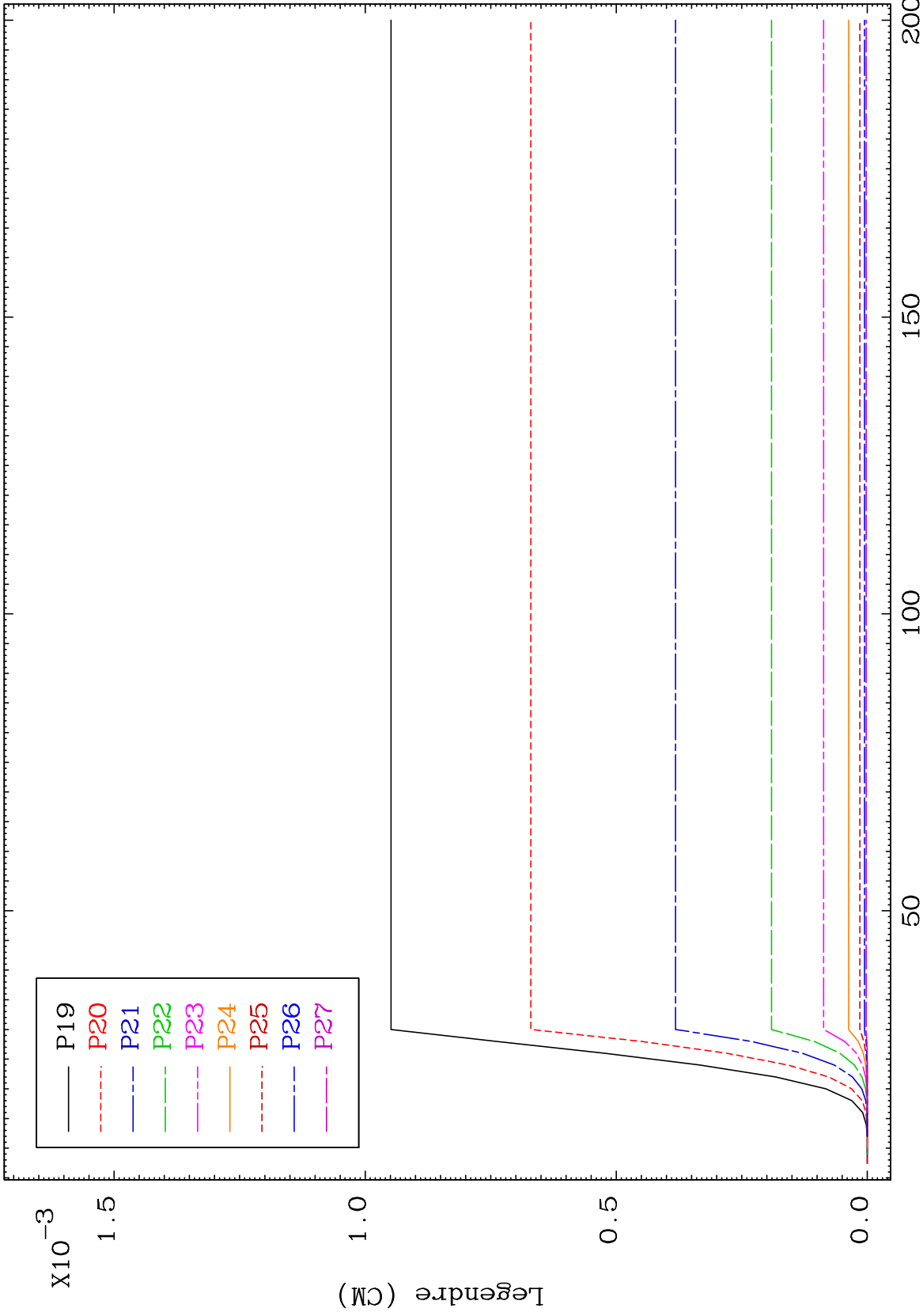
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



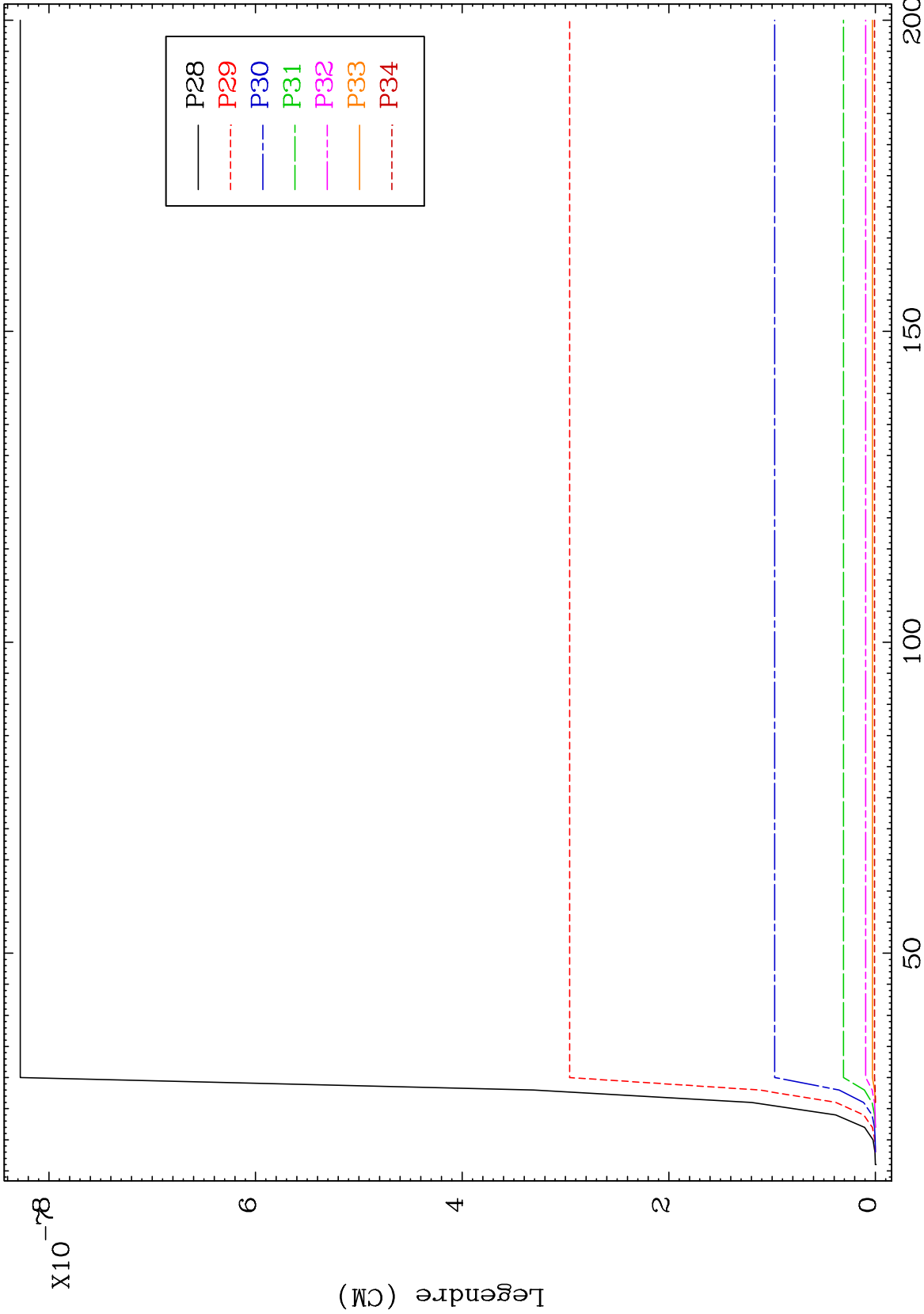
66

43-Tc-107

MAT 4349

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

43-Tc-107



67

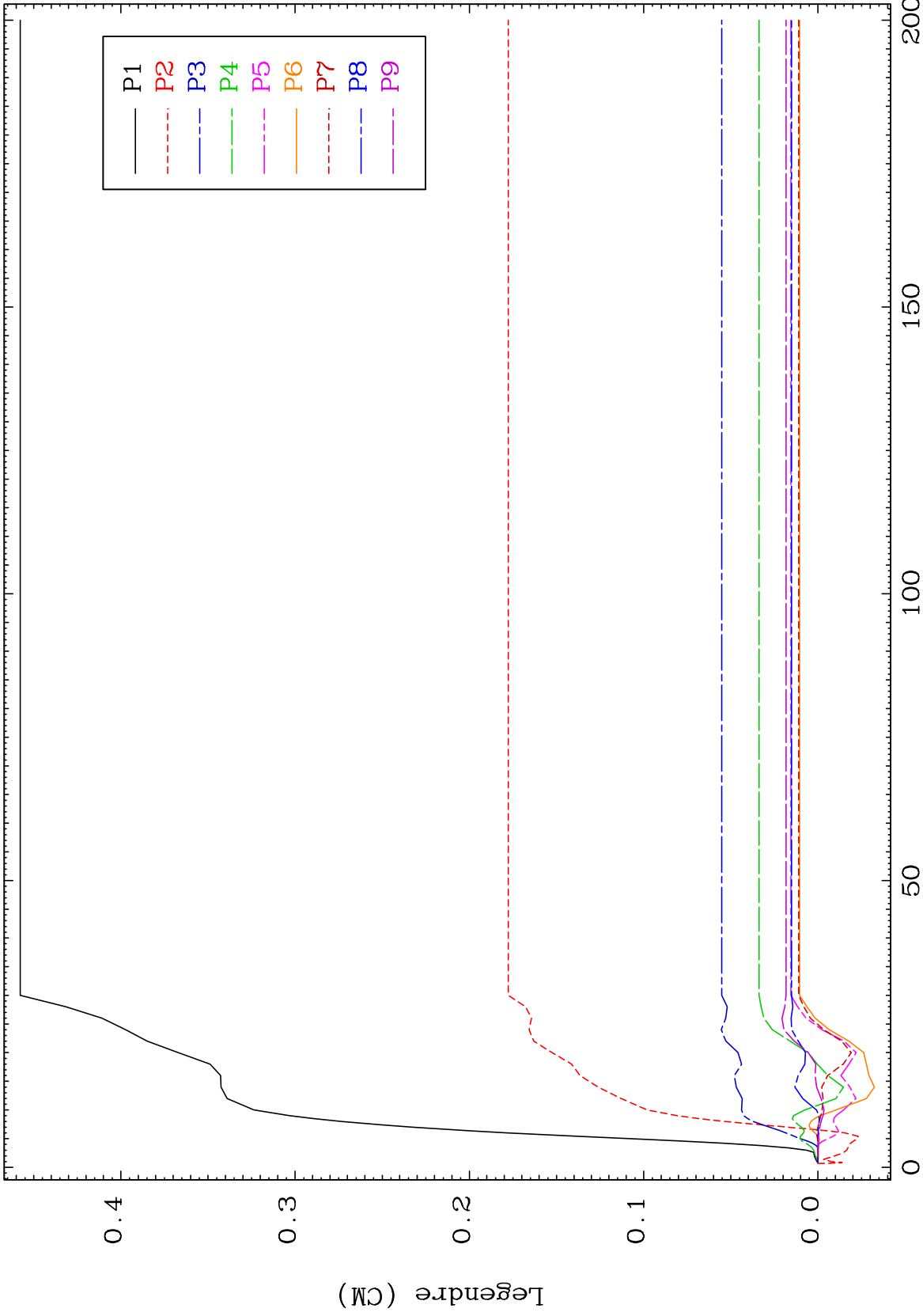
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



68

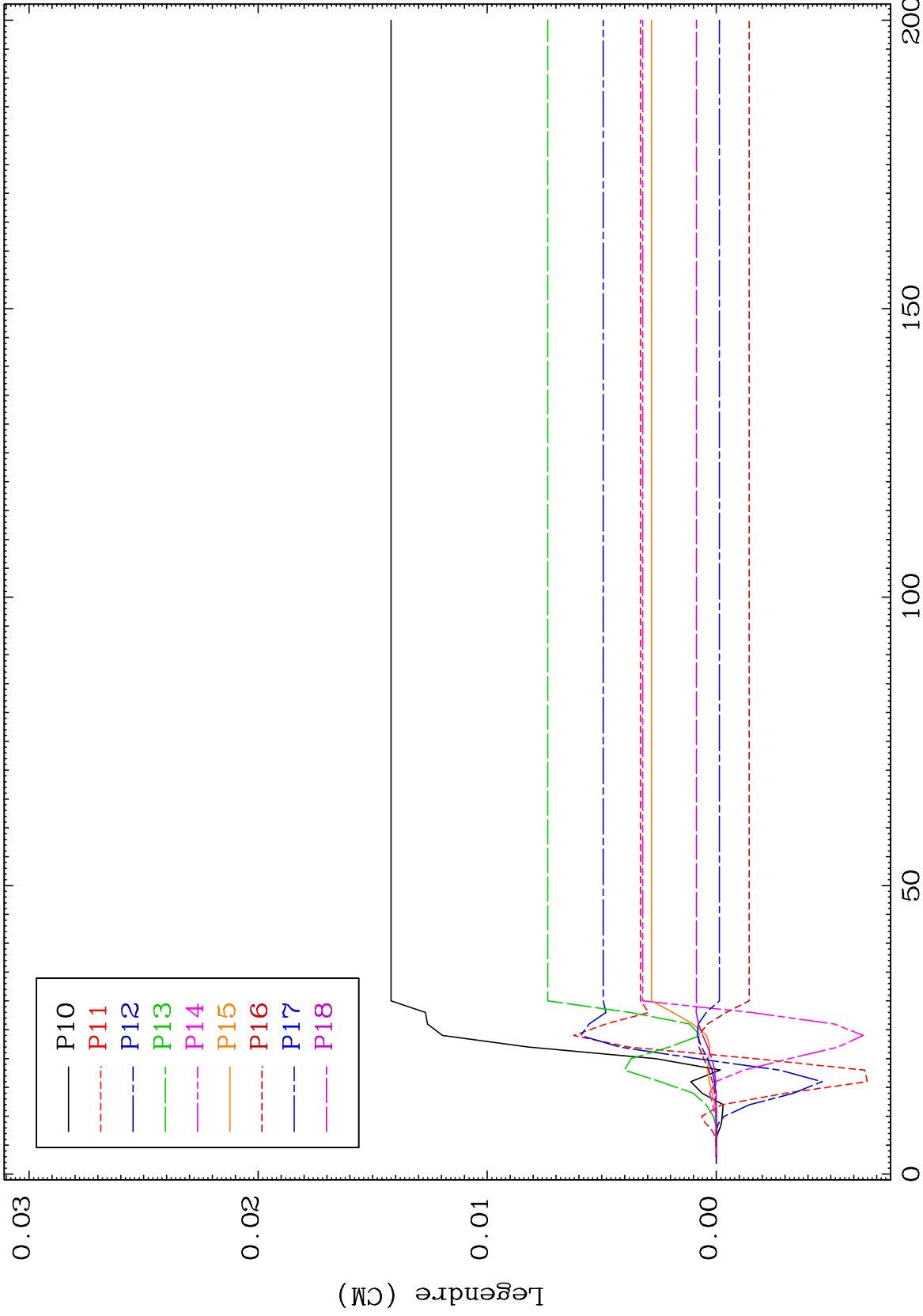
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



69

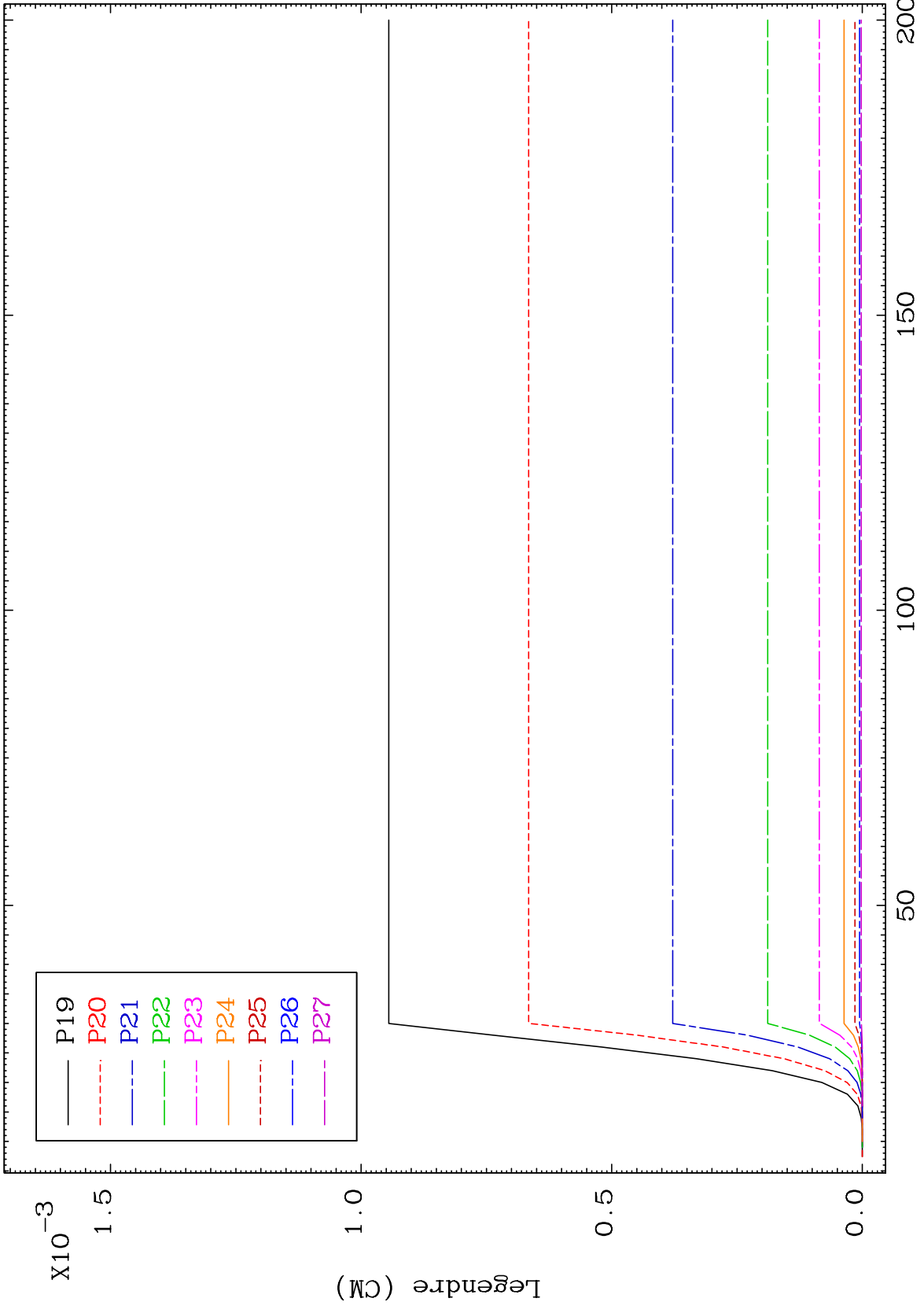
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



70

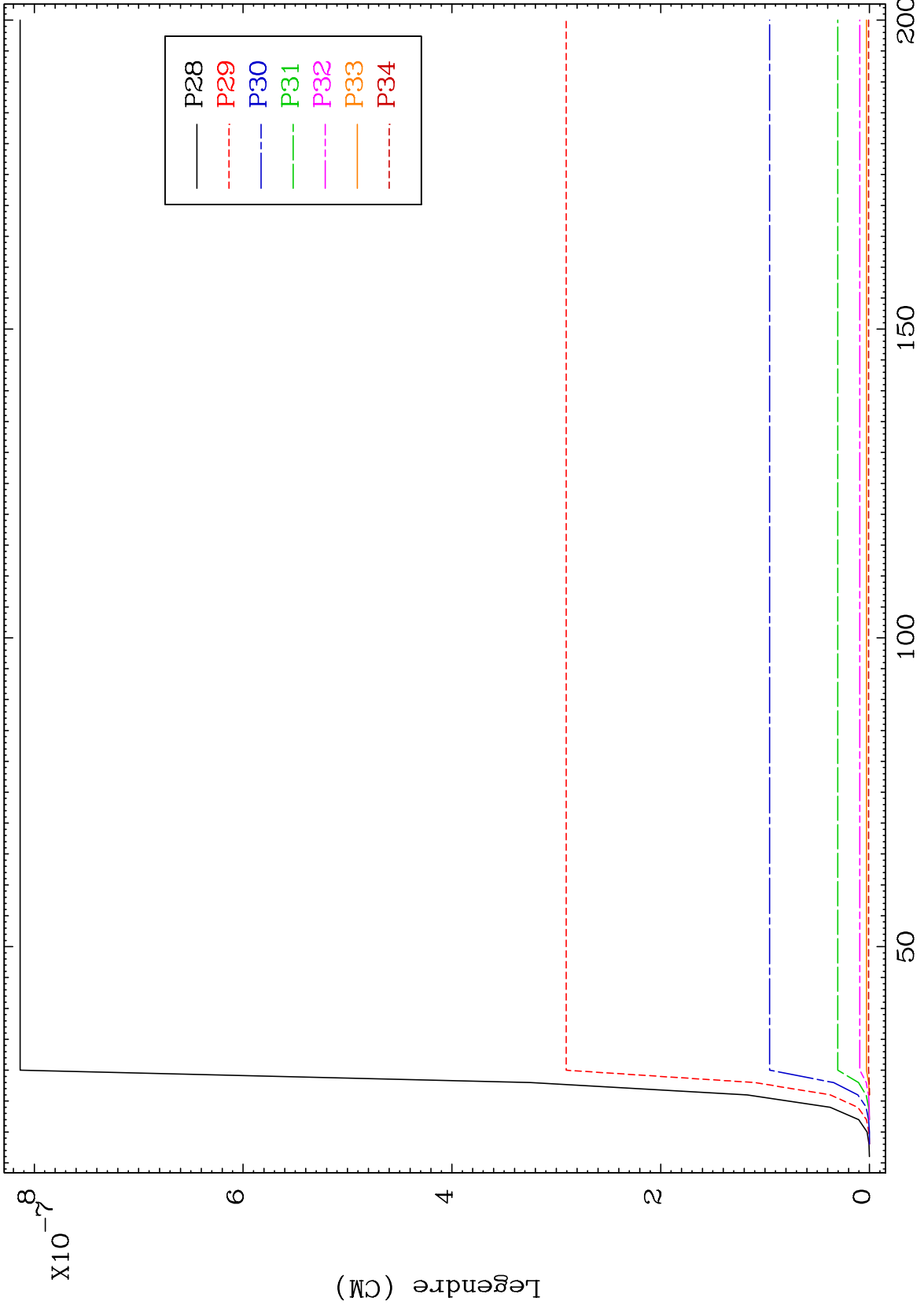
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



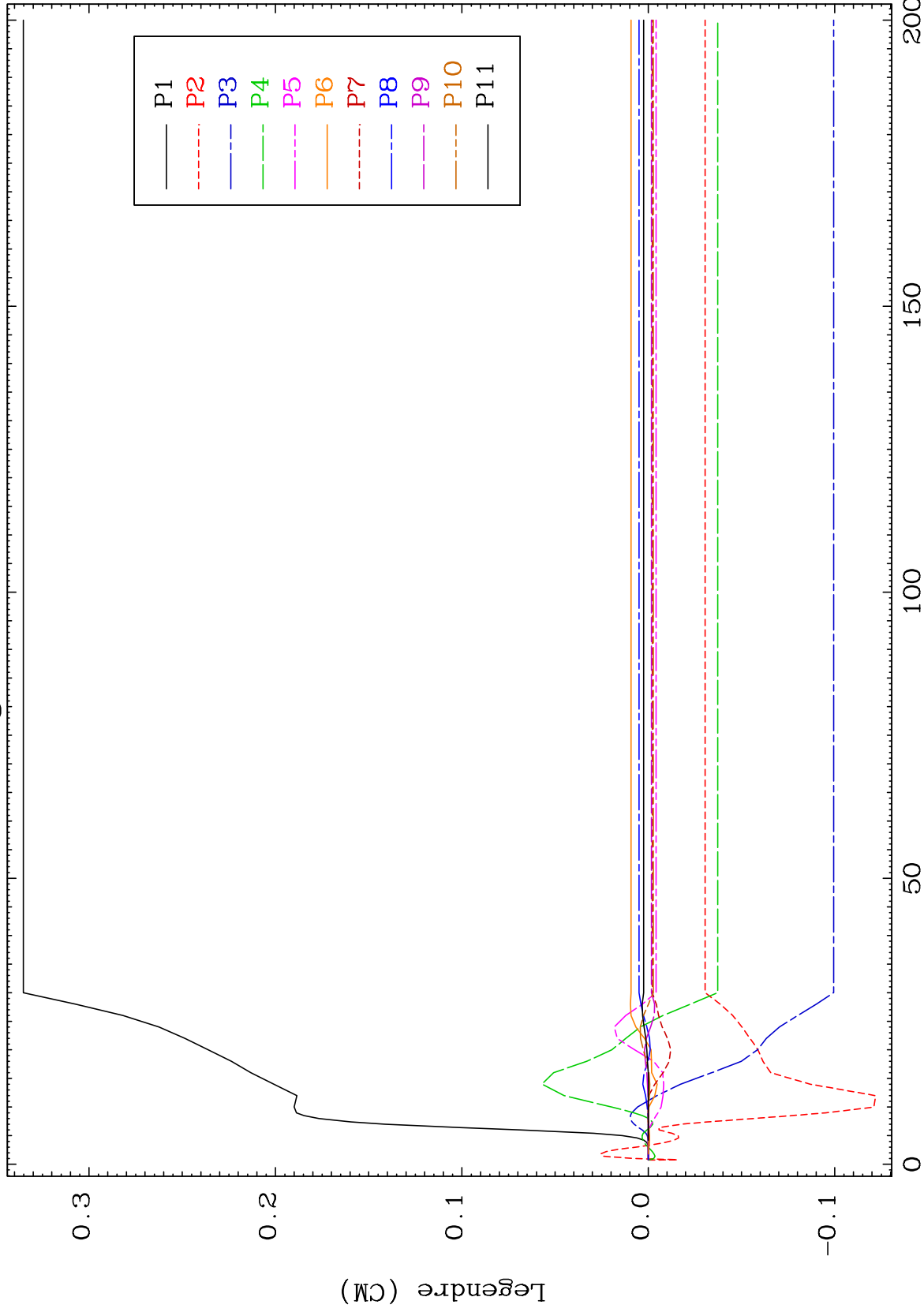
71

43-Tc-107

MAT 4349

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

43-Tc-107



72

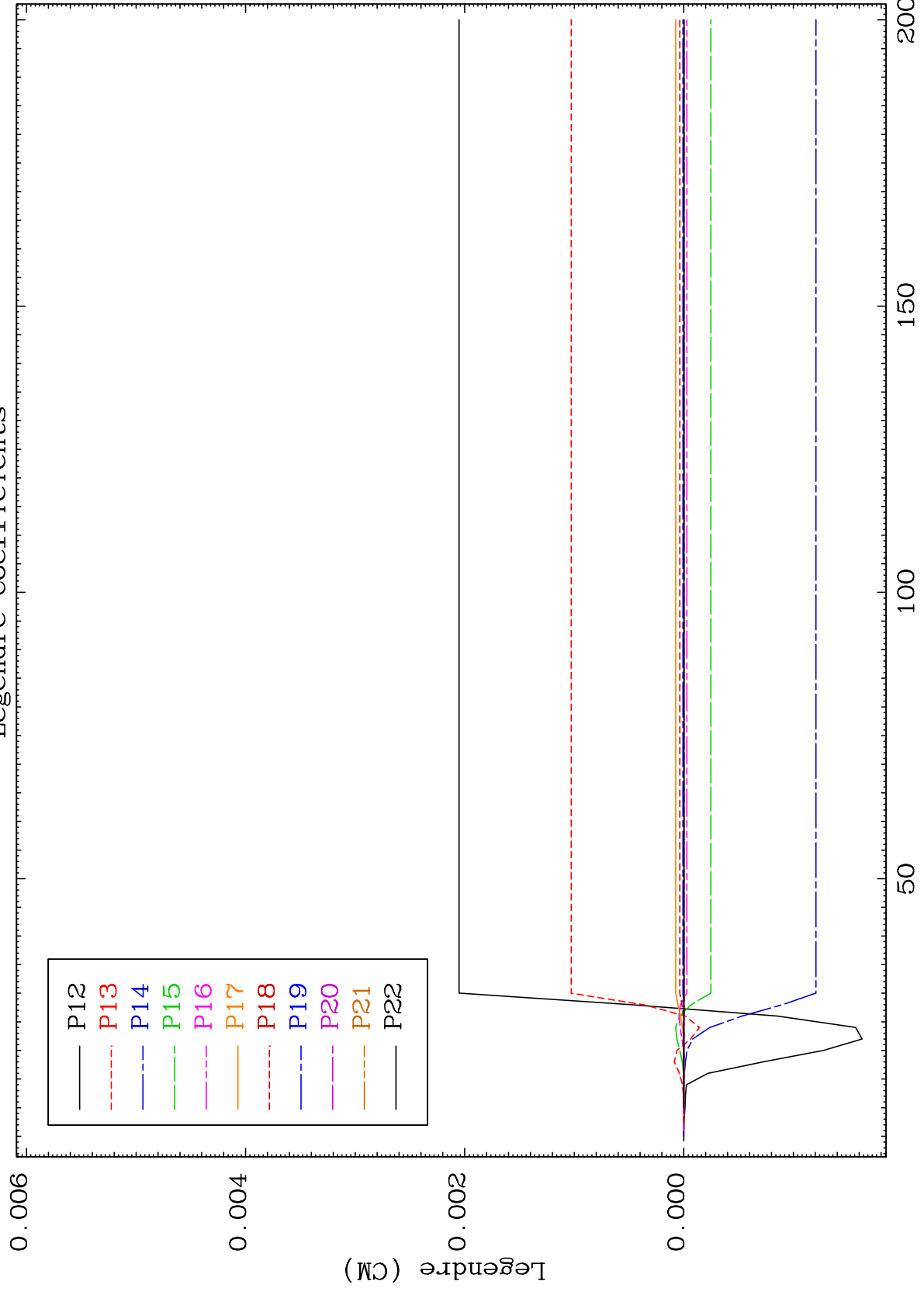
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



73

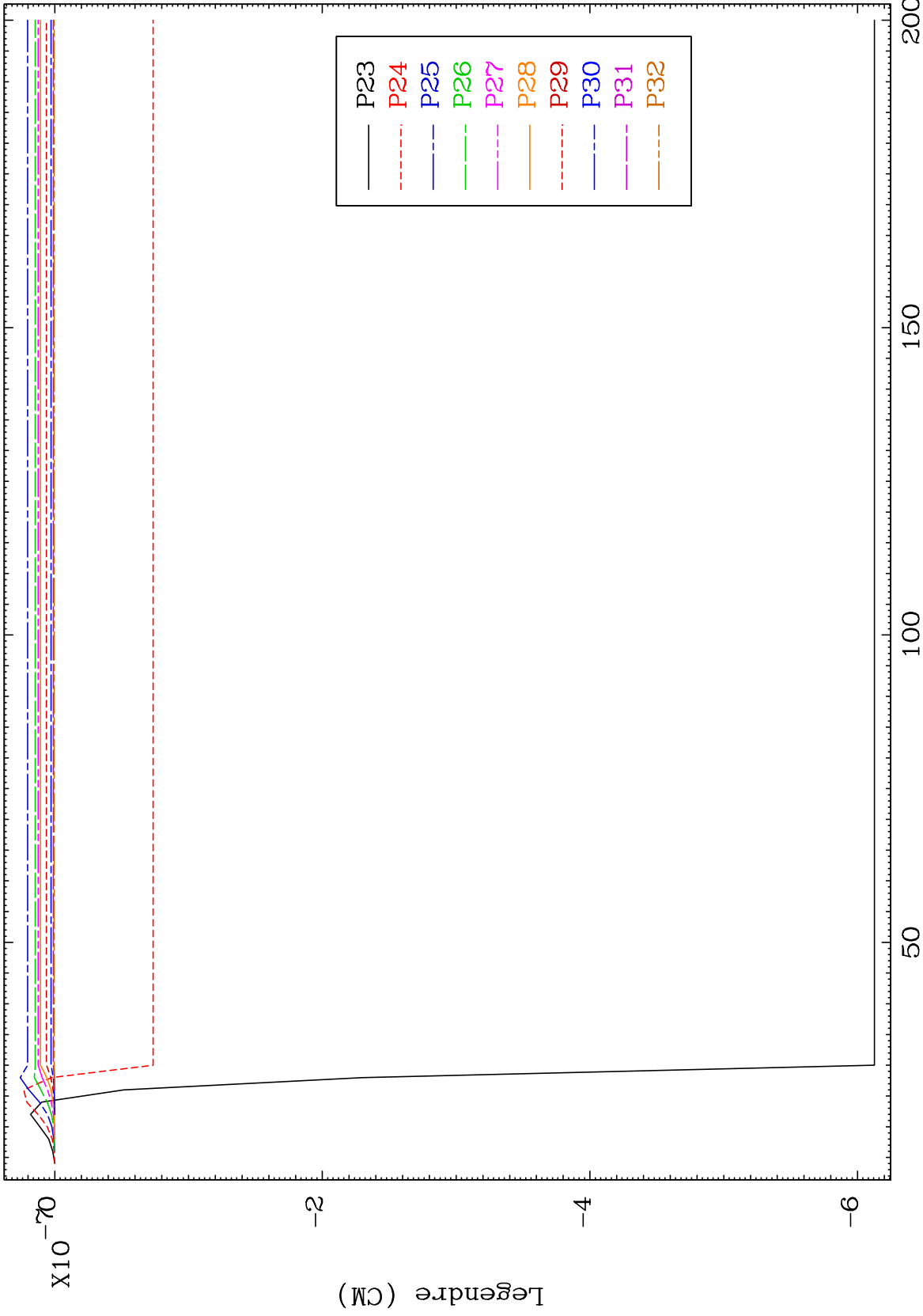
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



43-Tc-107

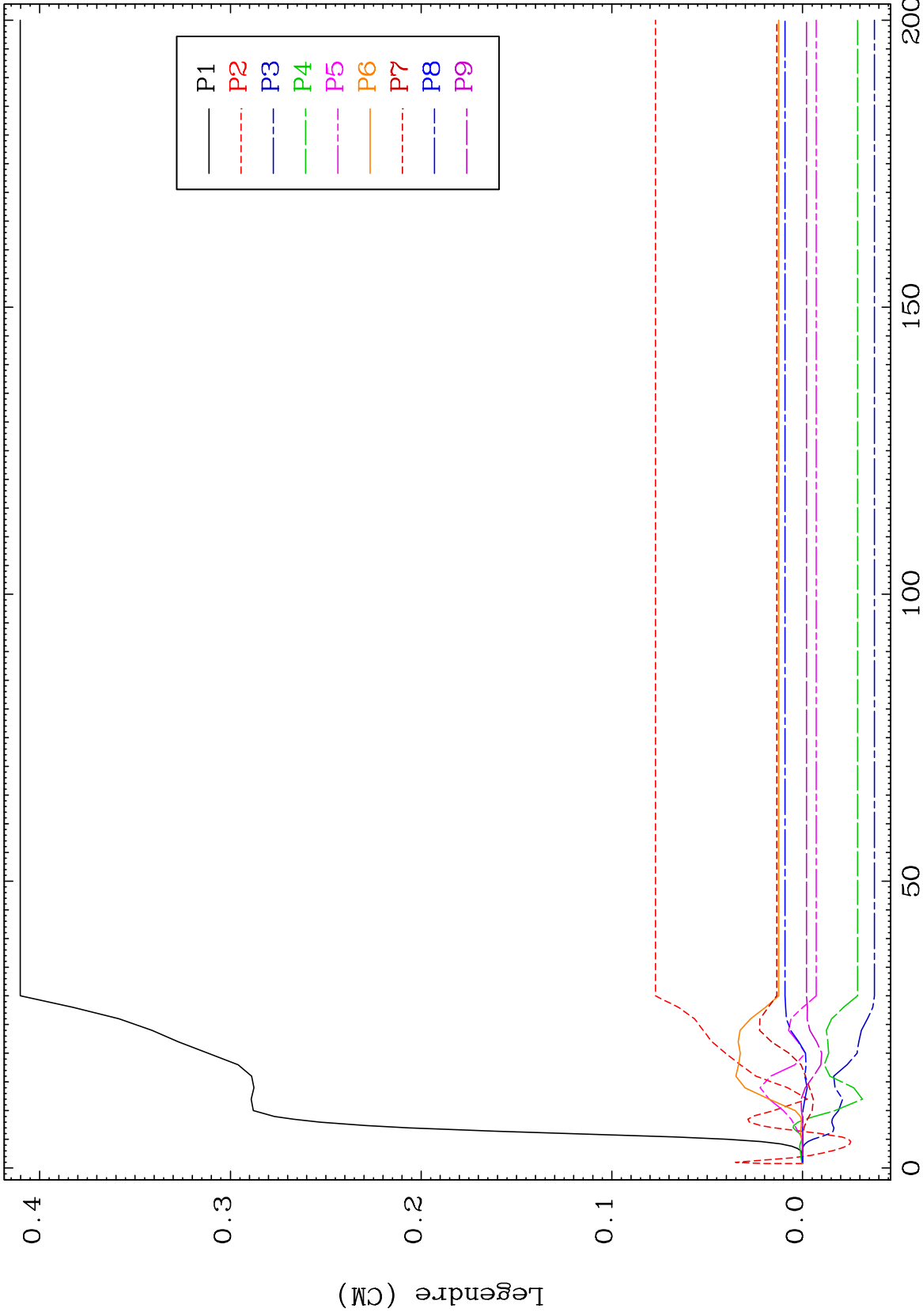
Incident Energy (MeV)

74

MAT 4349

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

43-Tc-107



75

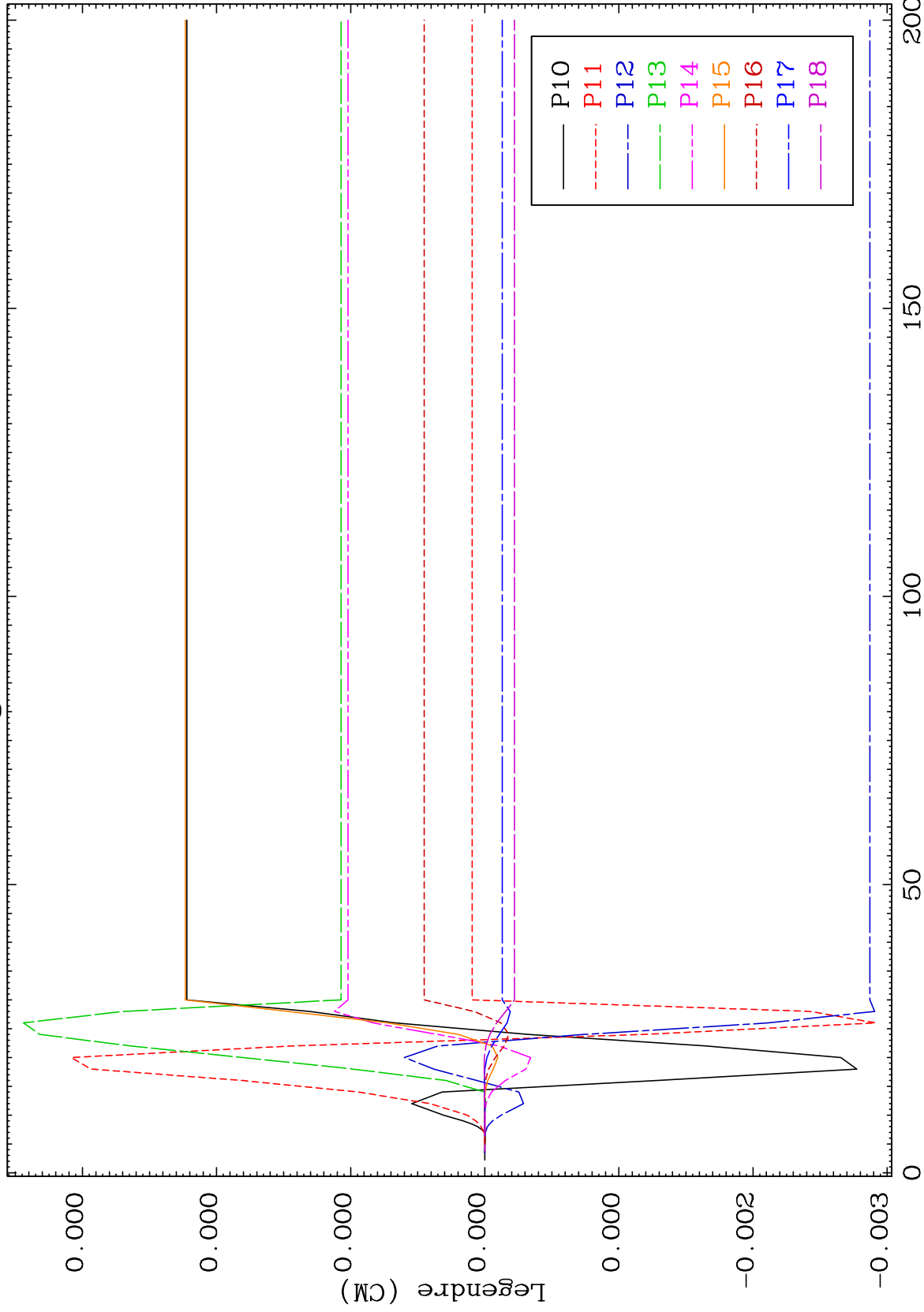
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



76

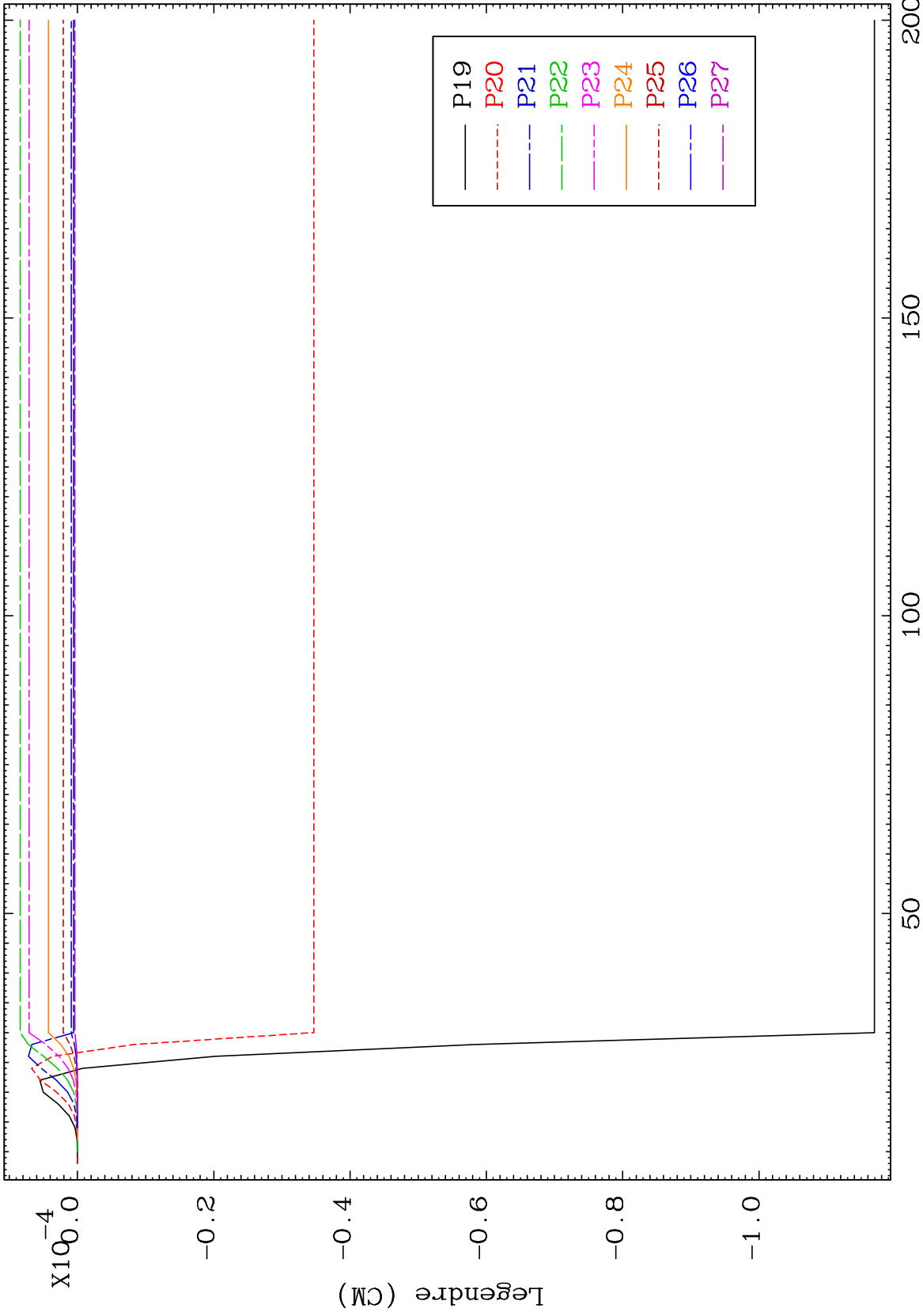
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



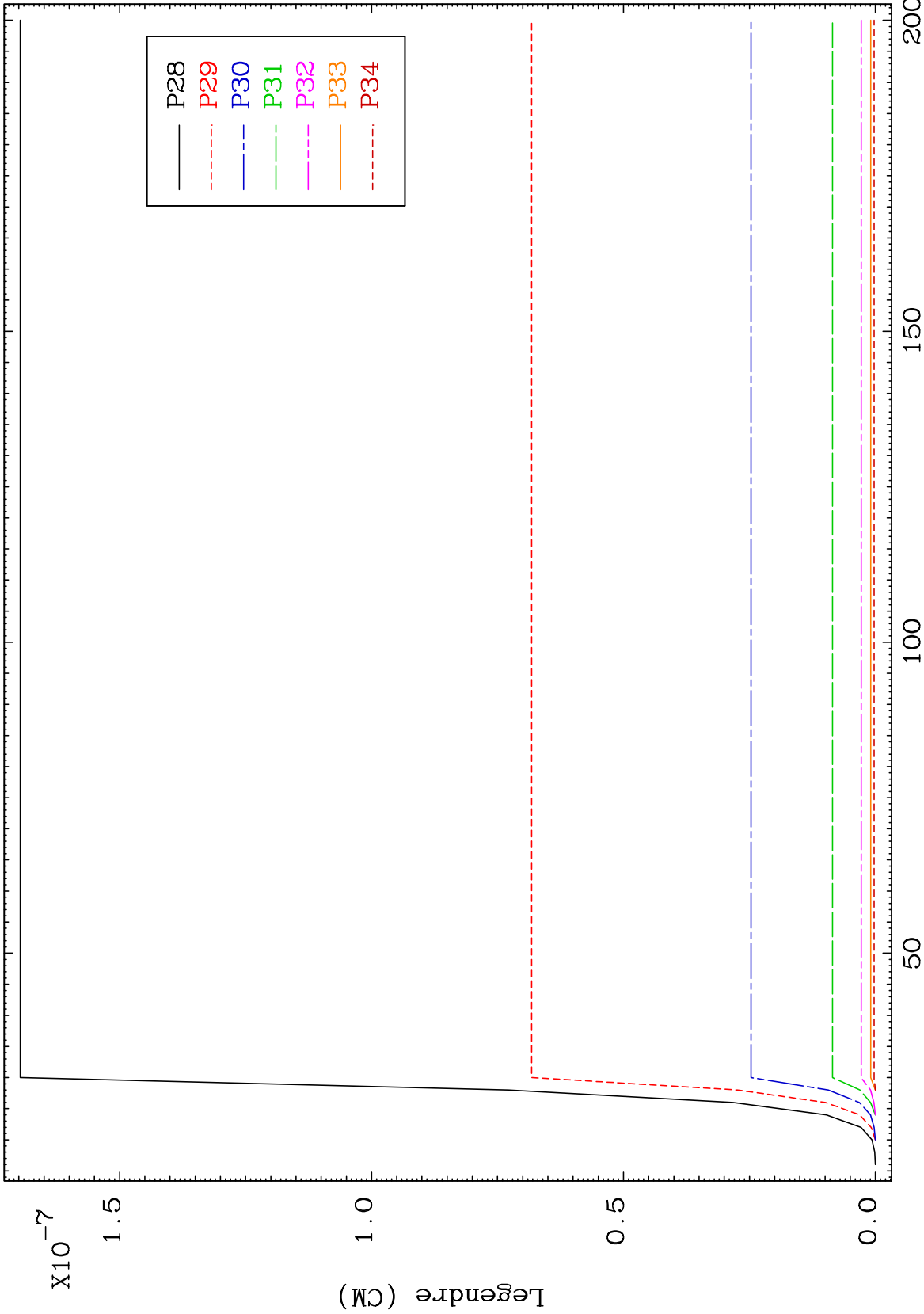
77

43-Tc-107

MAT 4349

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

43-Tc-107



78

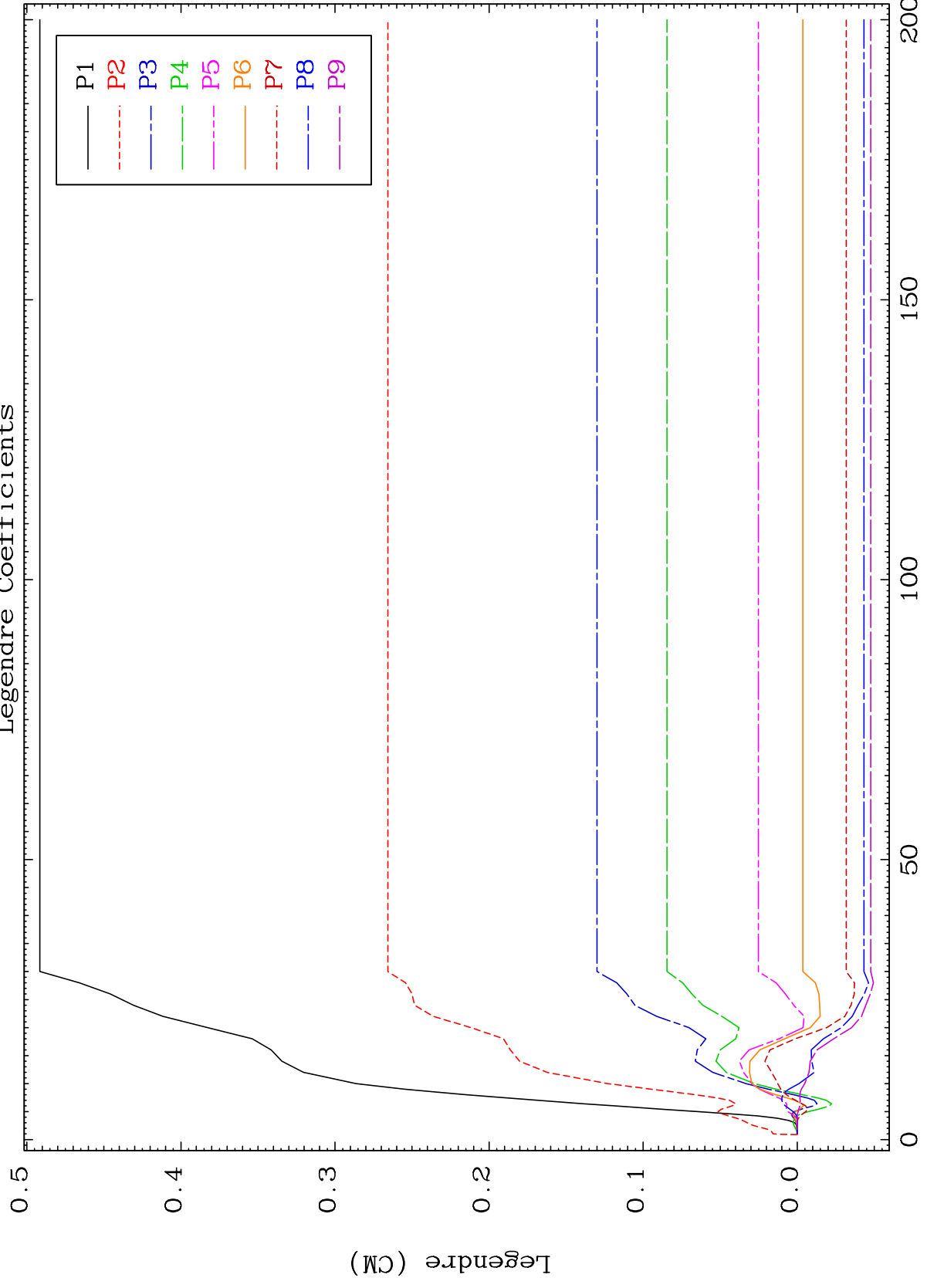
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



79

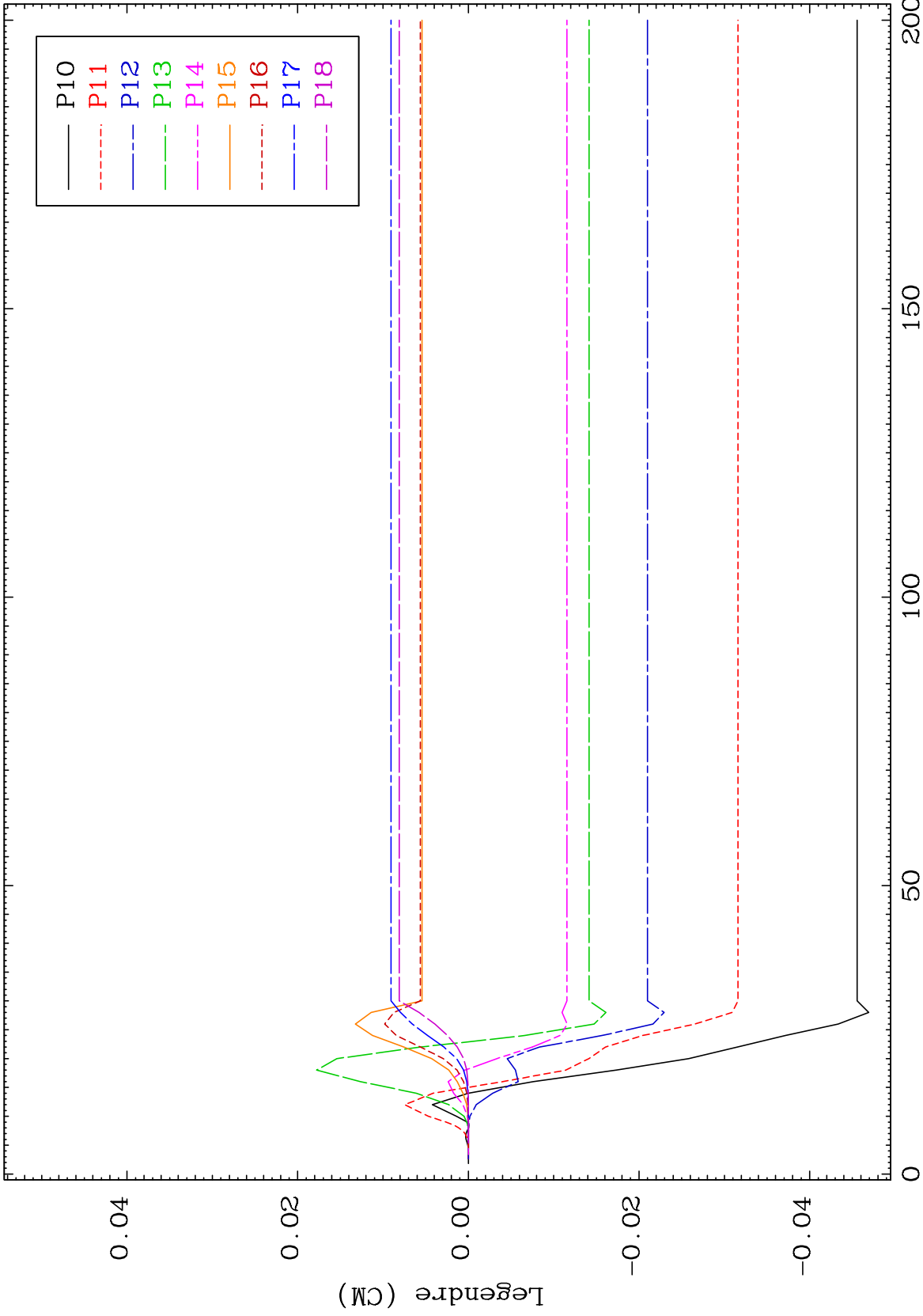
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



80

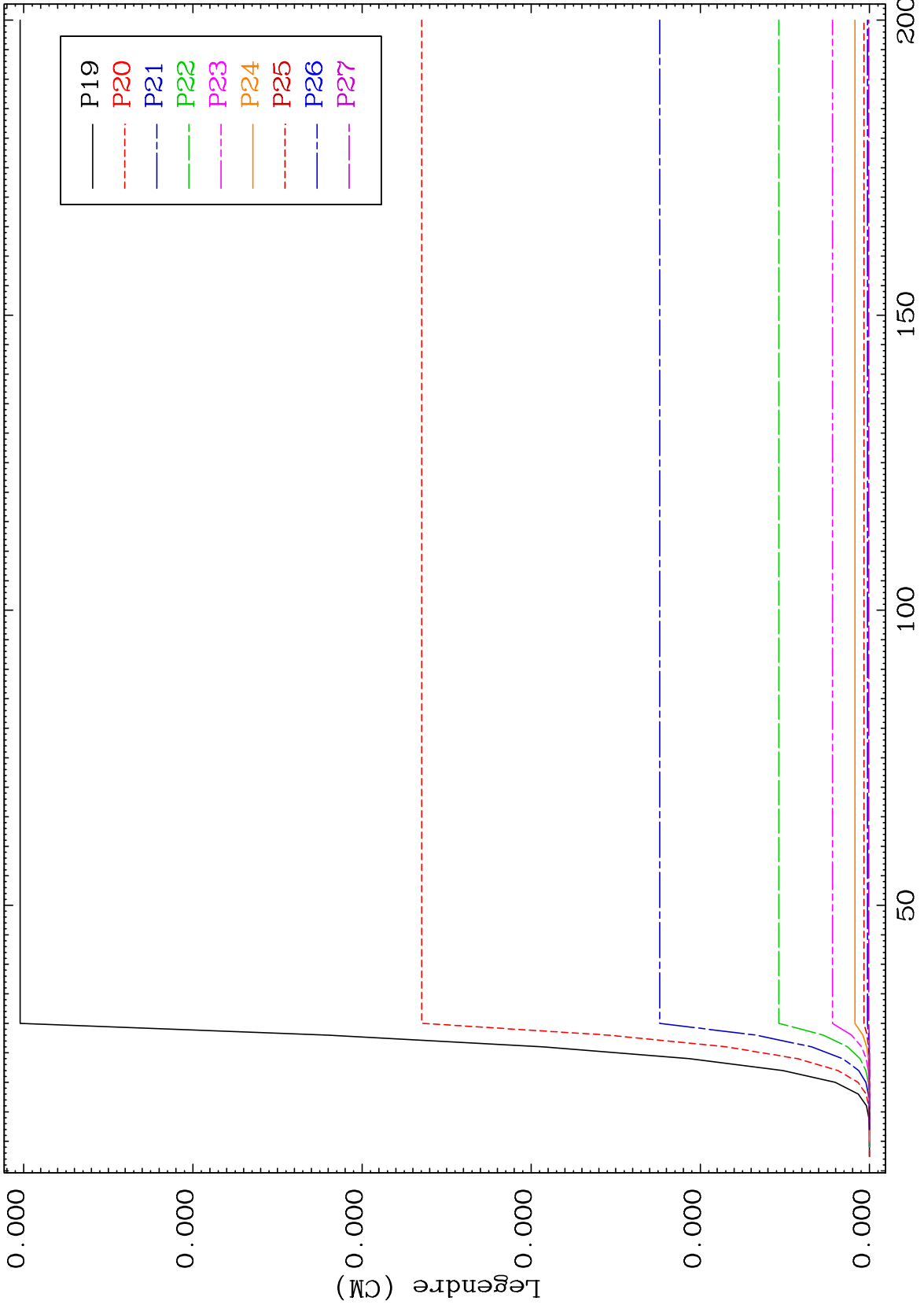
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



81

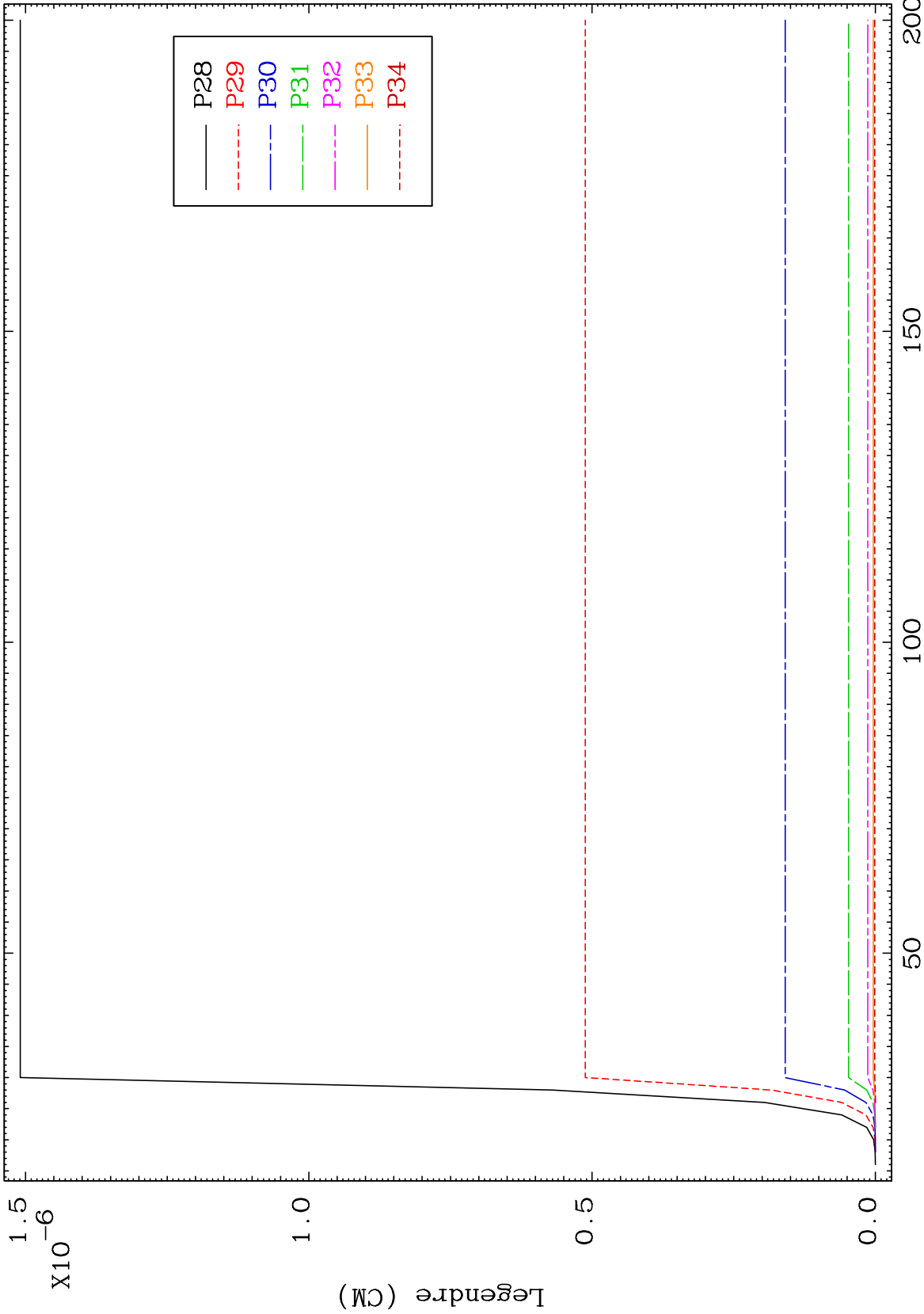
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



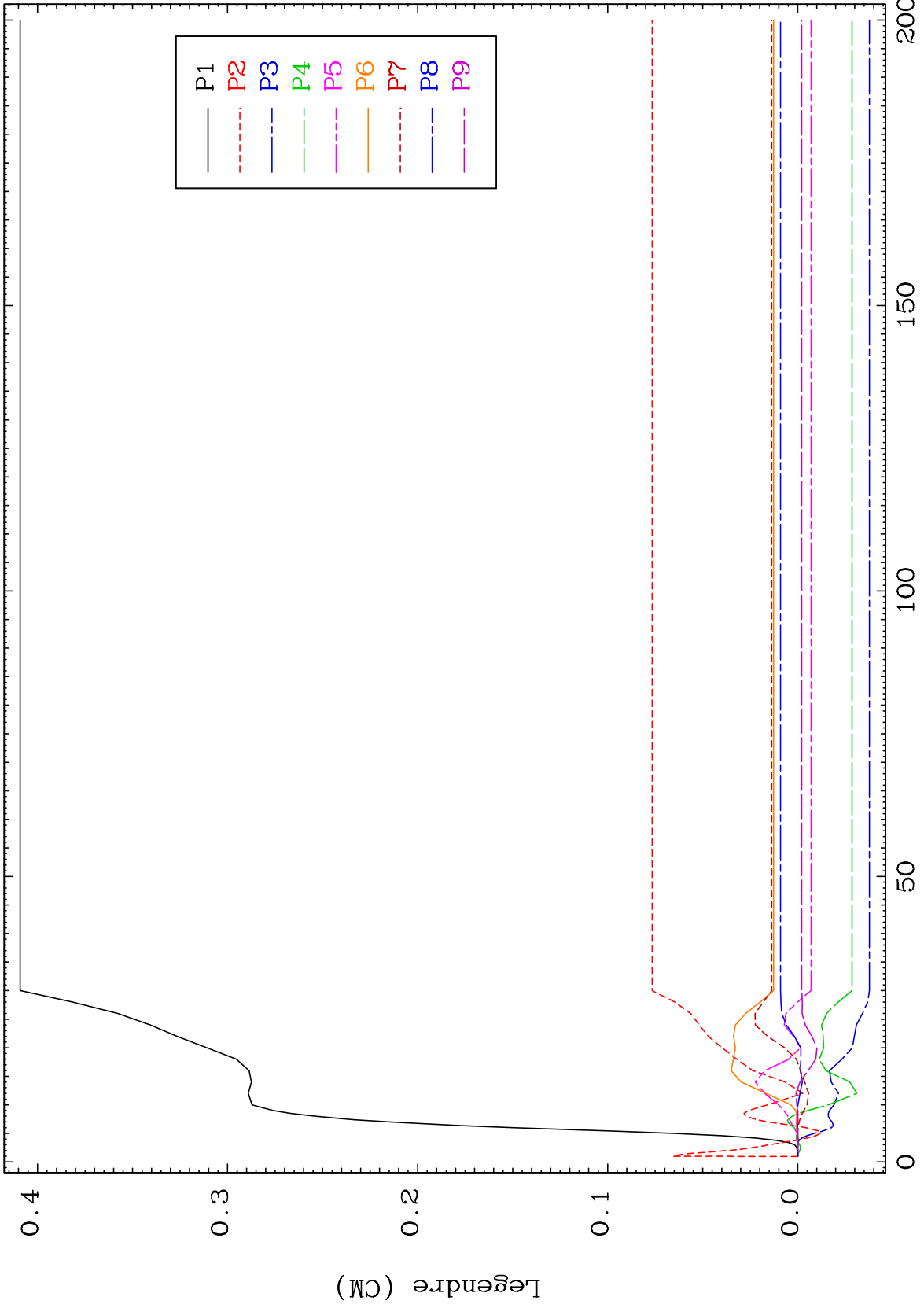
82

43-Tc-107

MAT 4349

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

43-Tc-107



83

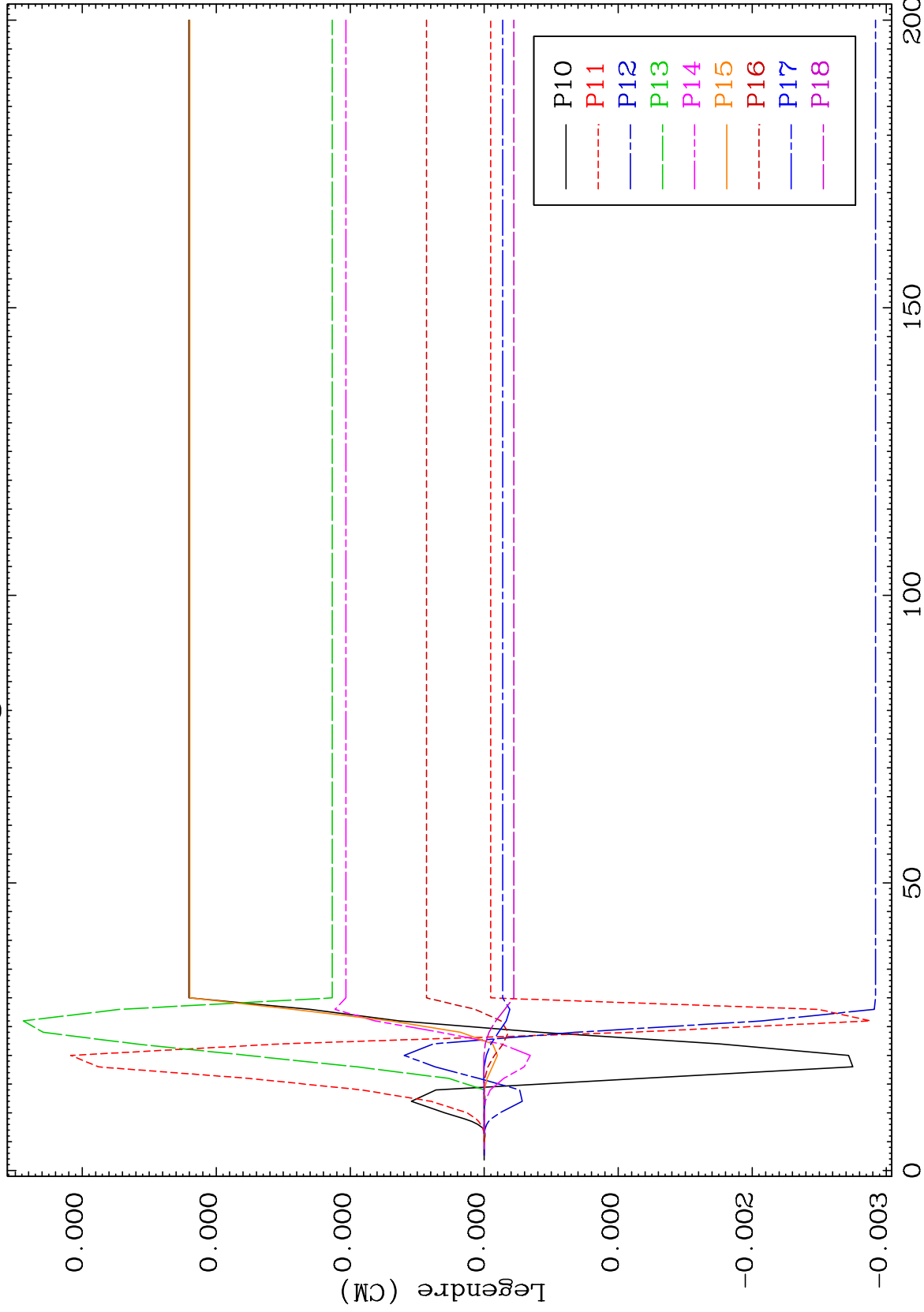
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



84

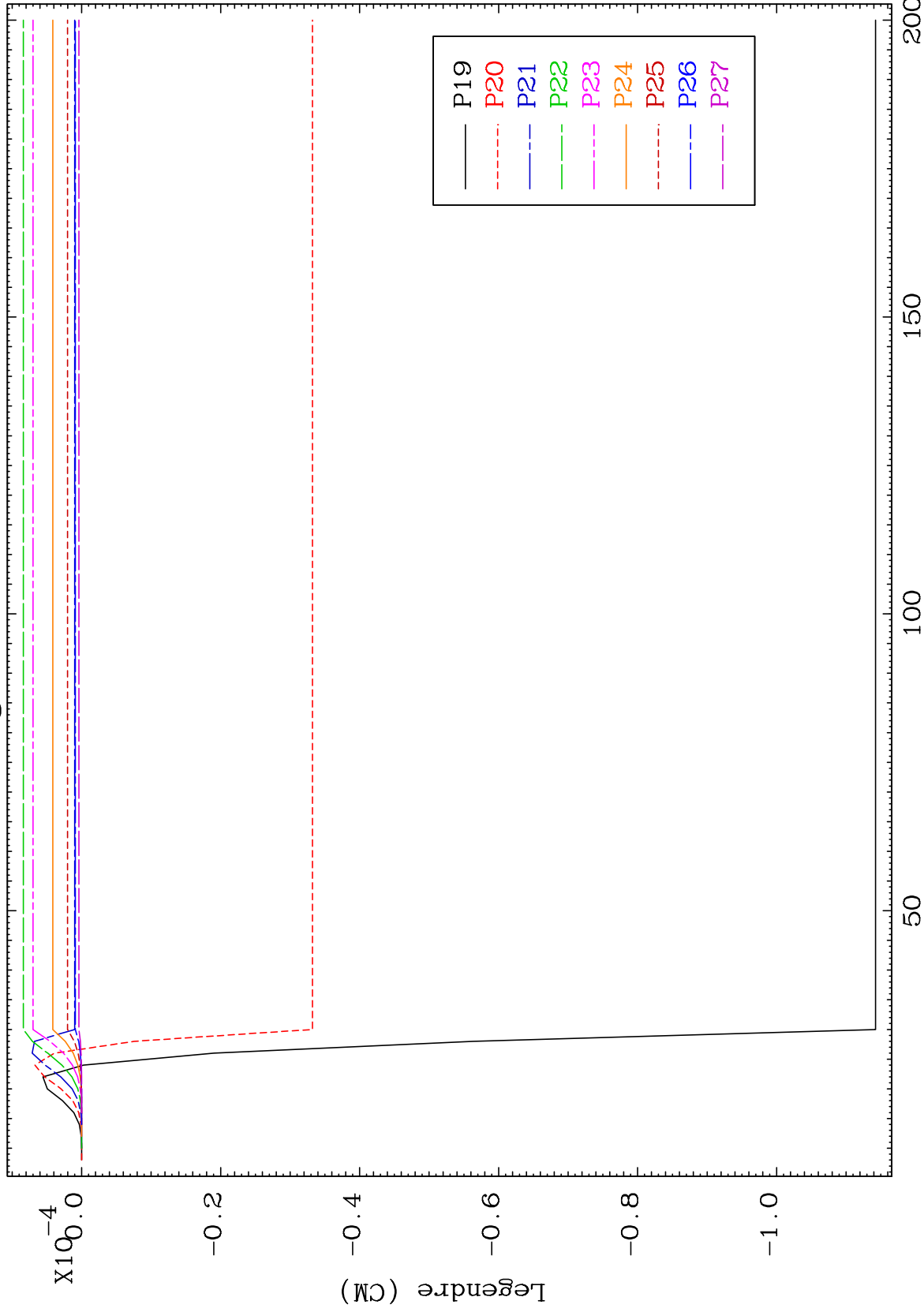
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



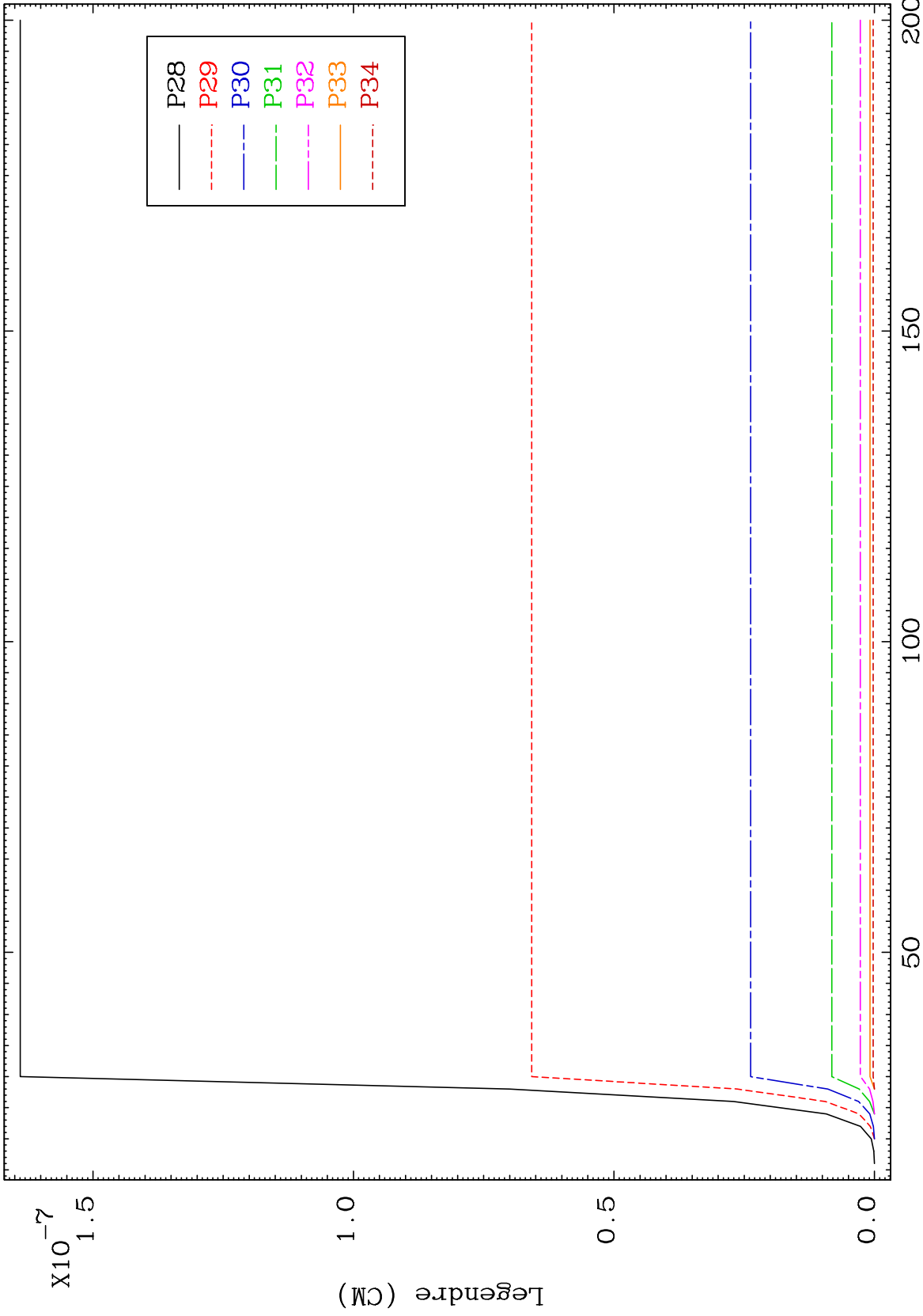
85

43-Tc-107

MAT 4349

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

43-Tc-107



86

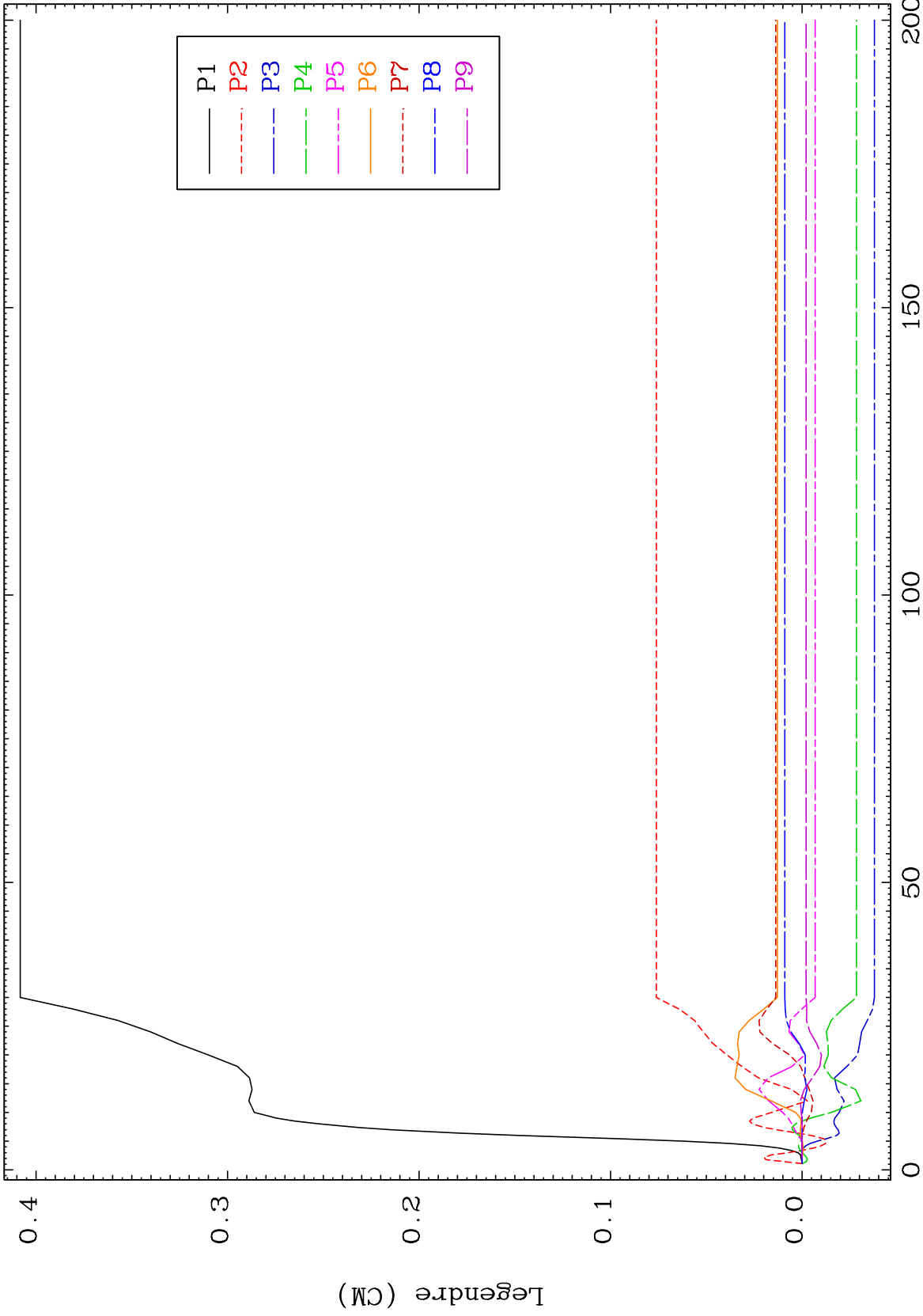
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



87

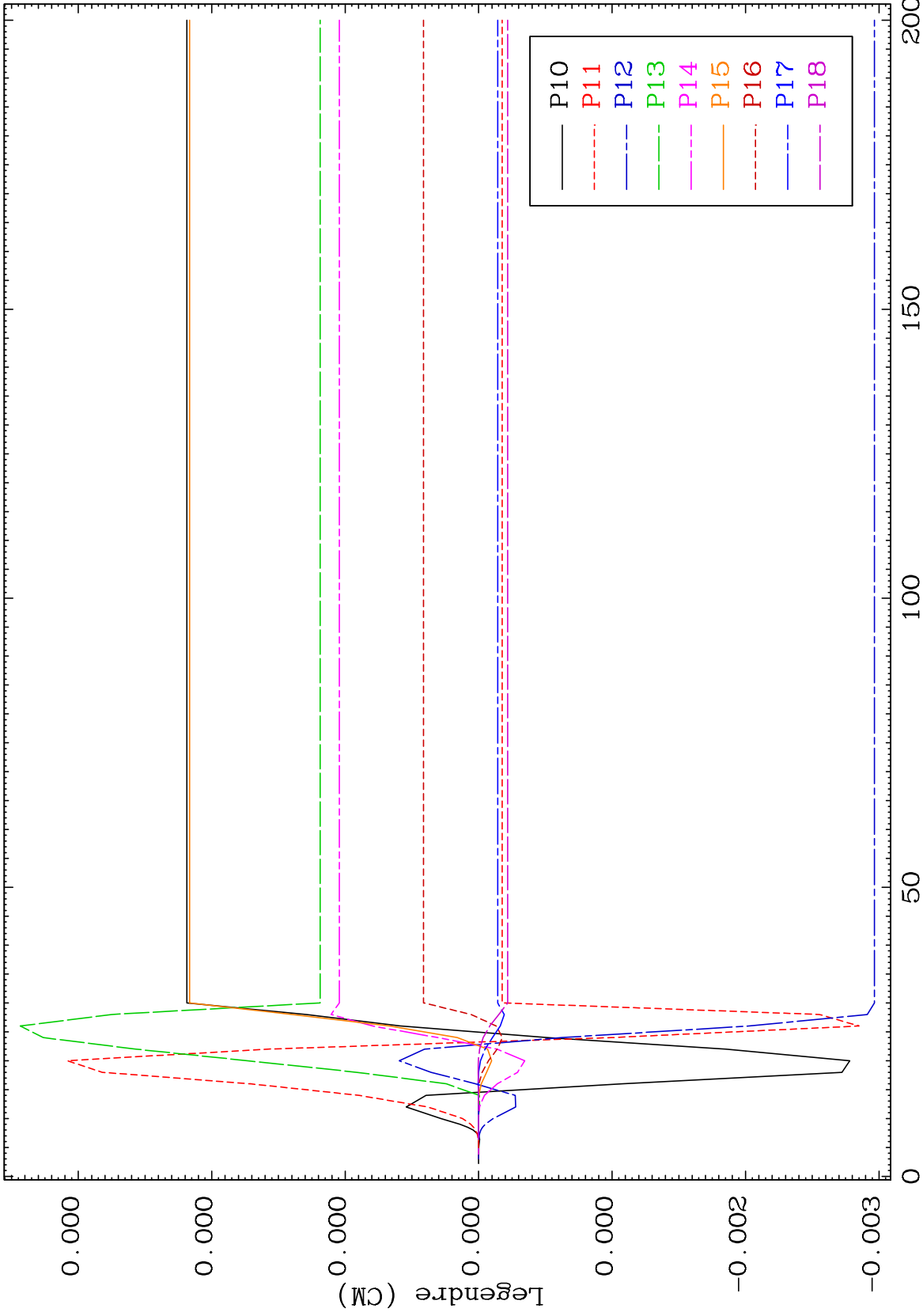
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



88

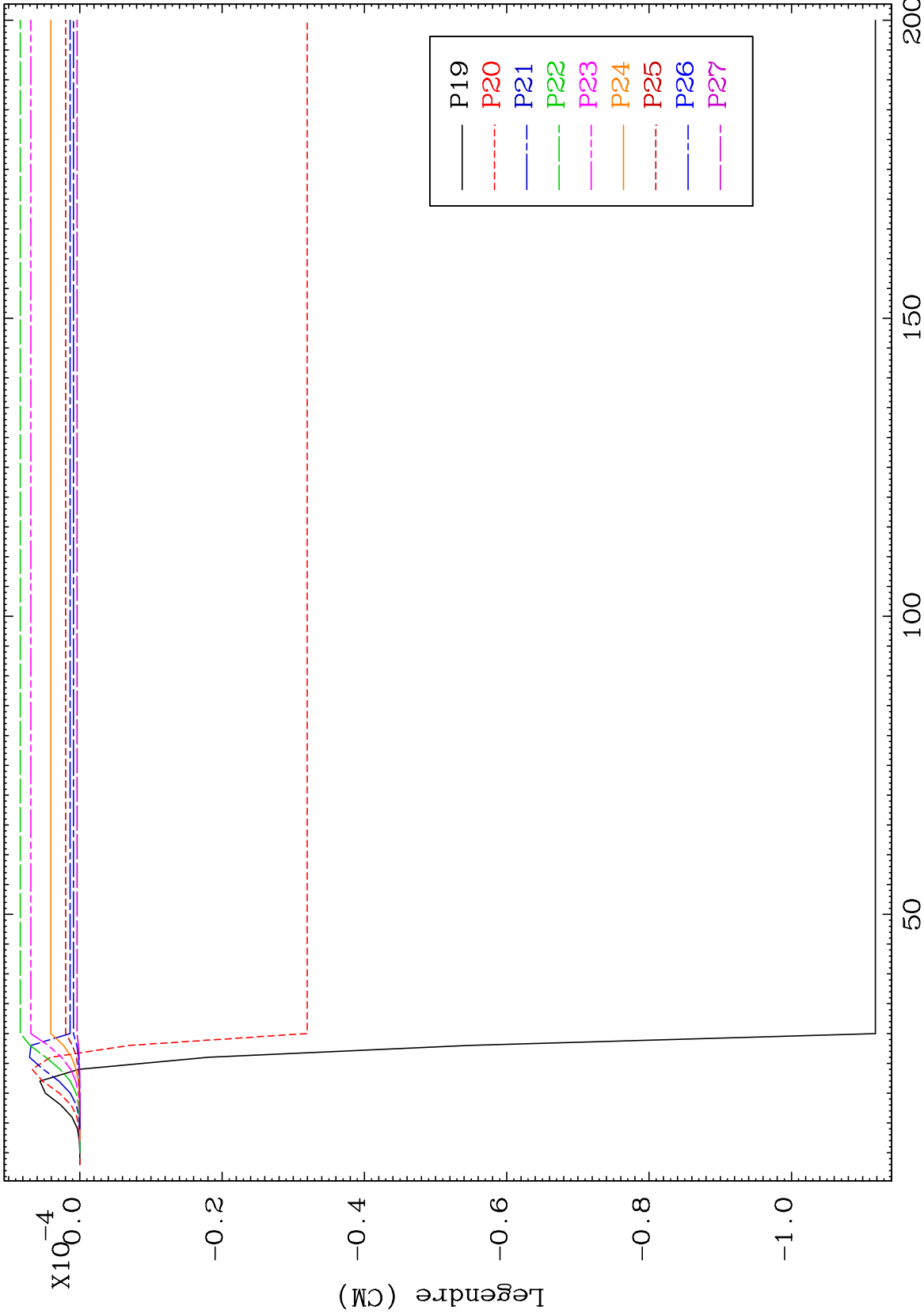
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



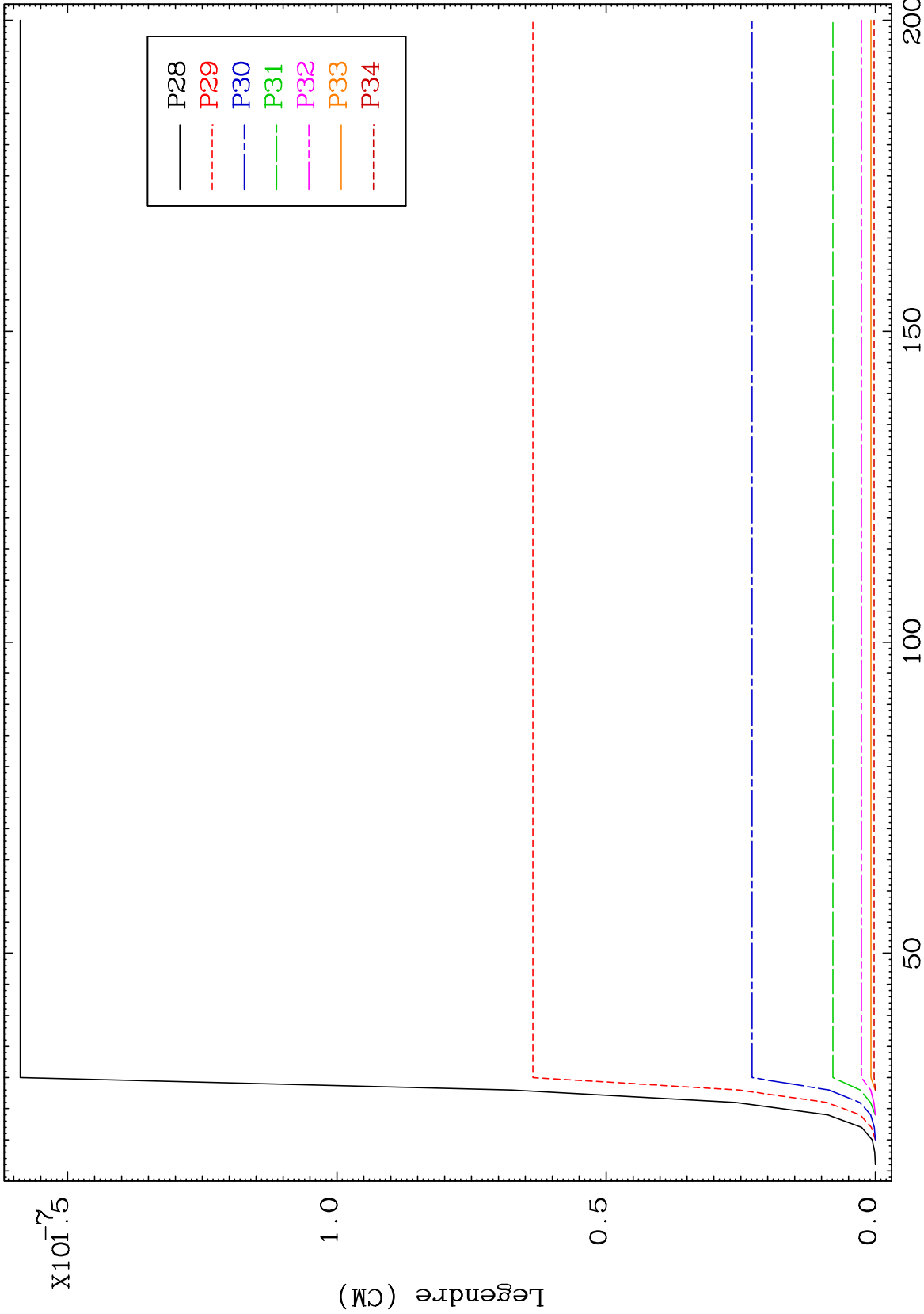
89

43-Tc-107

MAT 4349

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

43-Tc-107



90

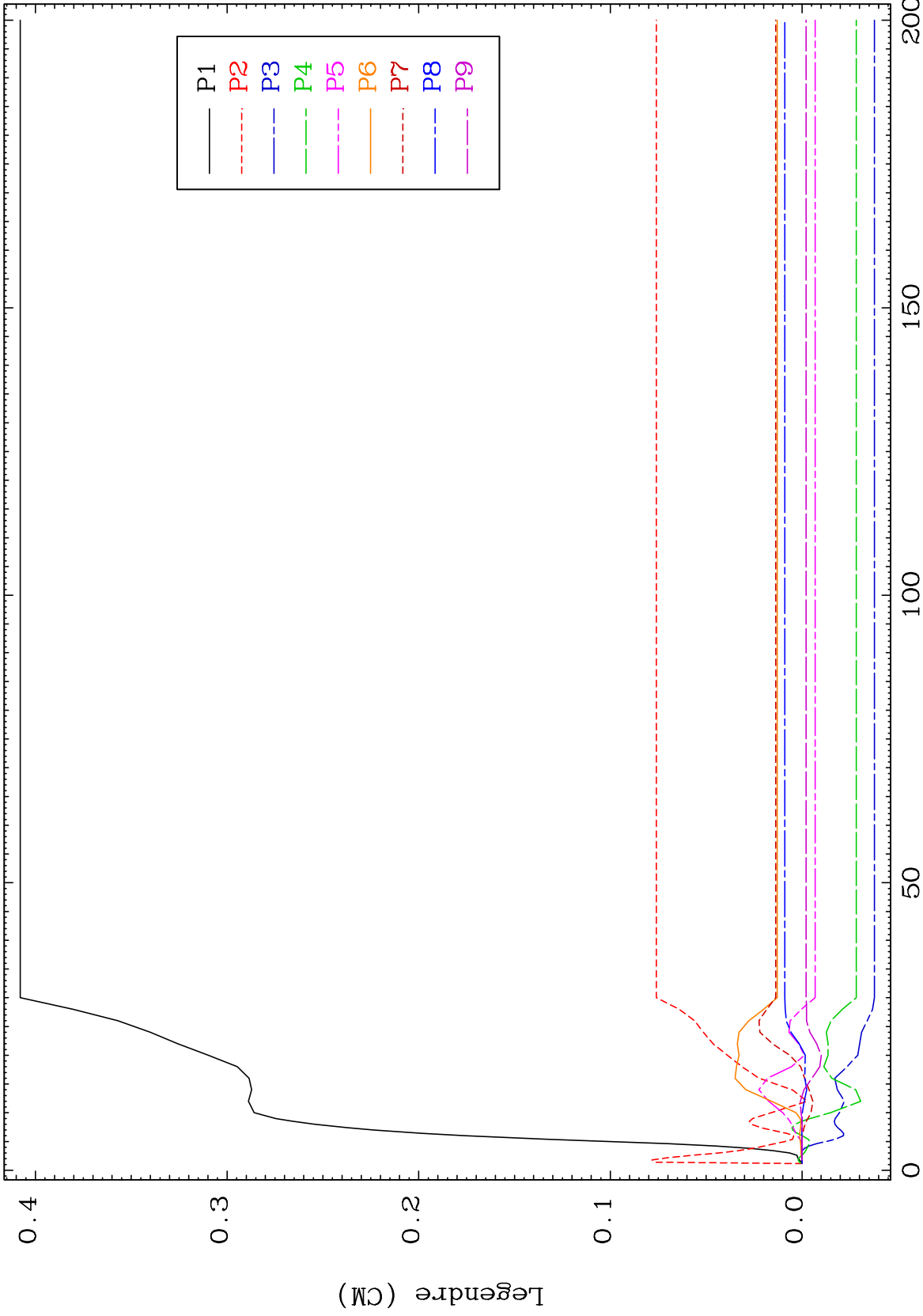
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



91

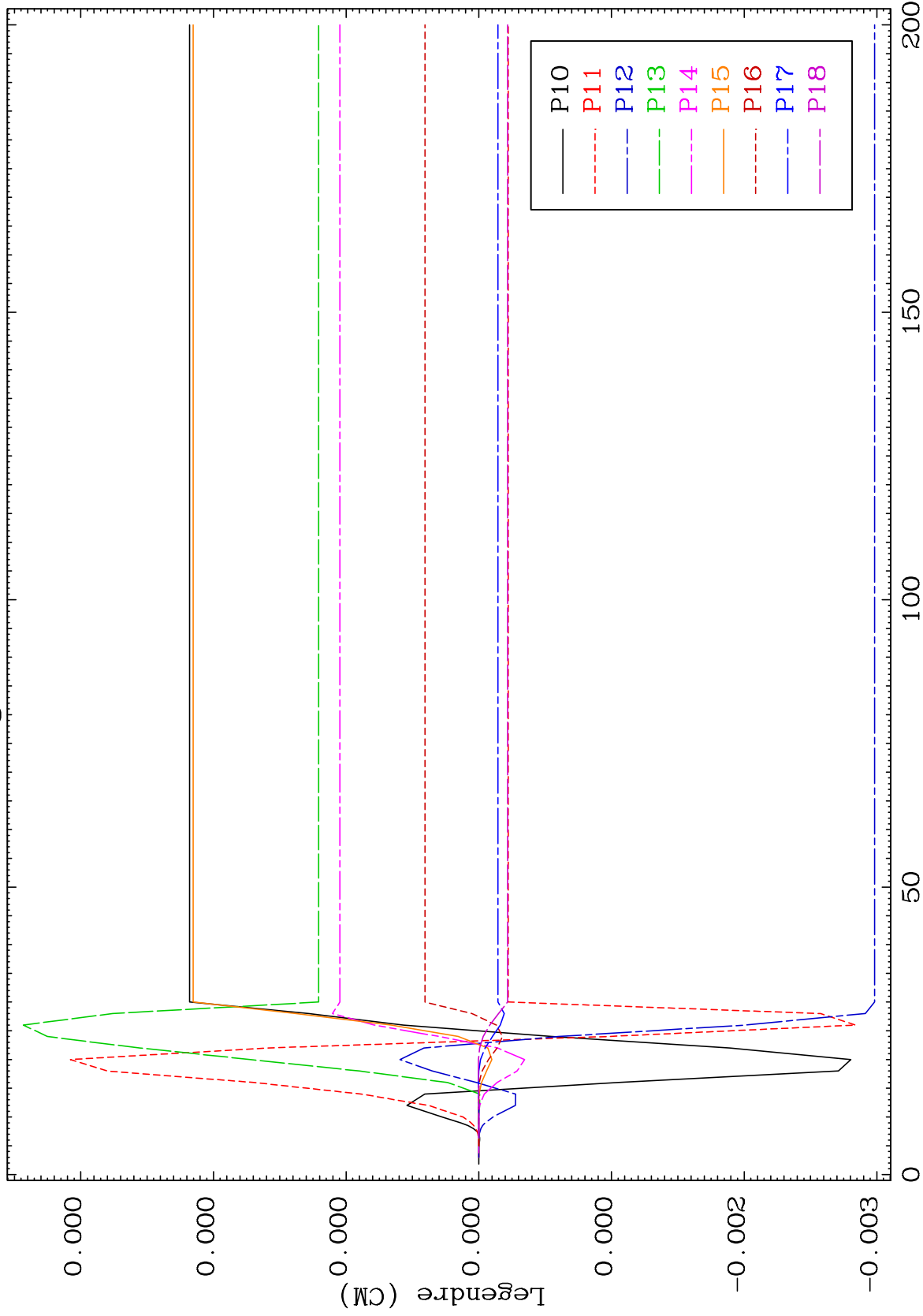
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



92

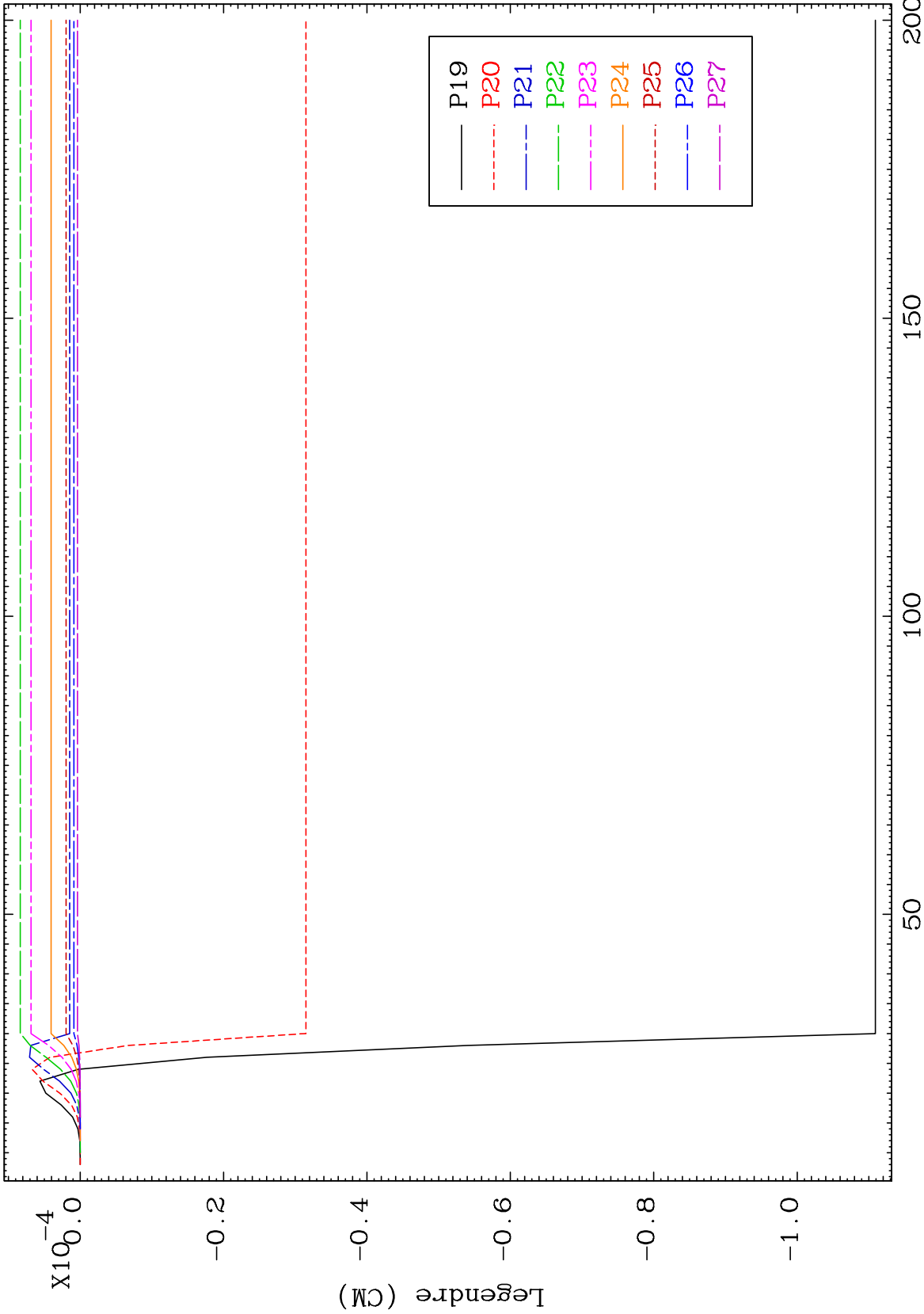
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



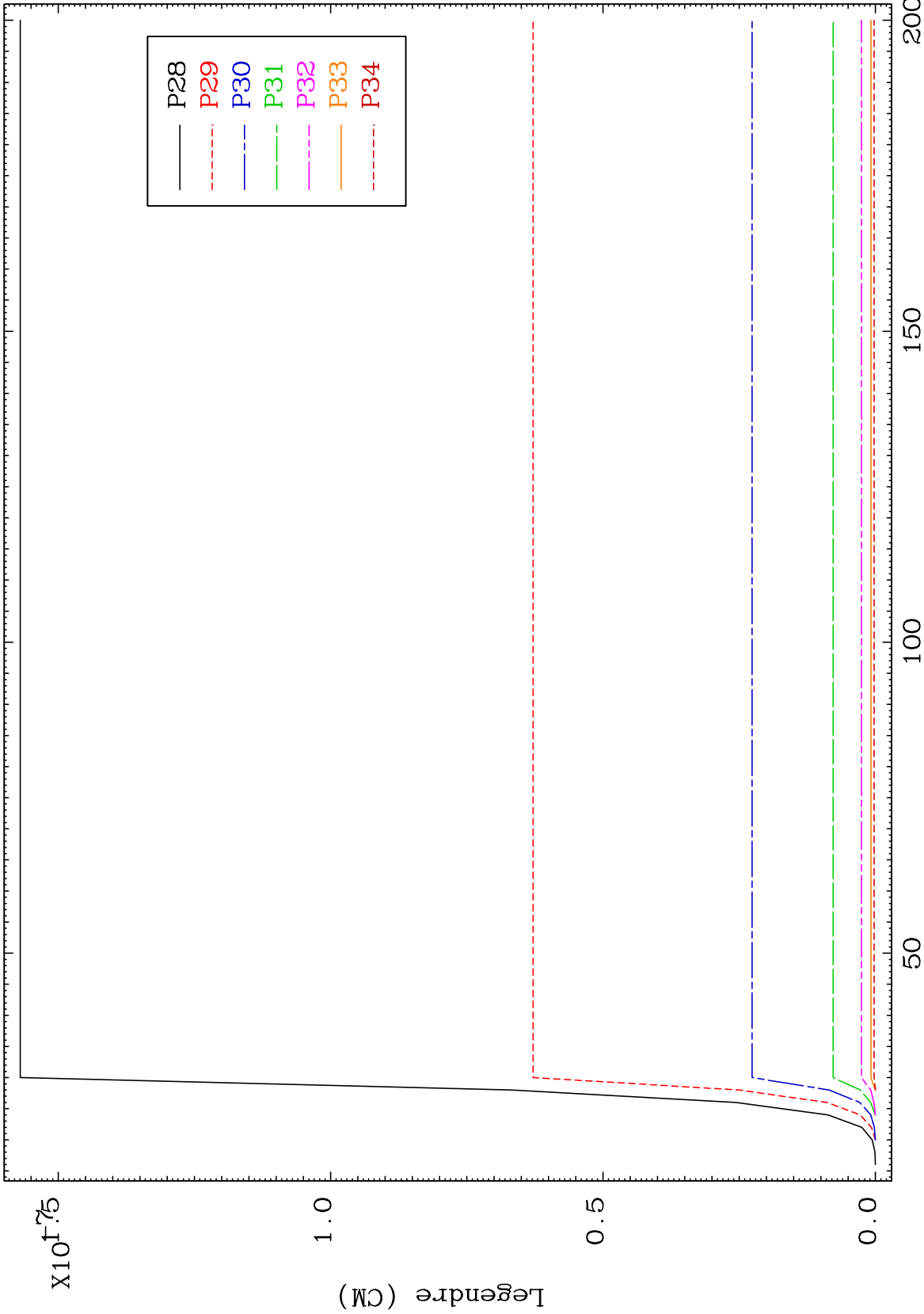
93

43-Tc-107

MAT 4349

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

43-Tc-107



94

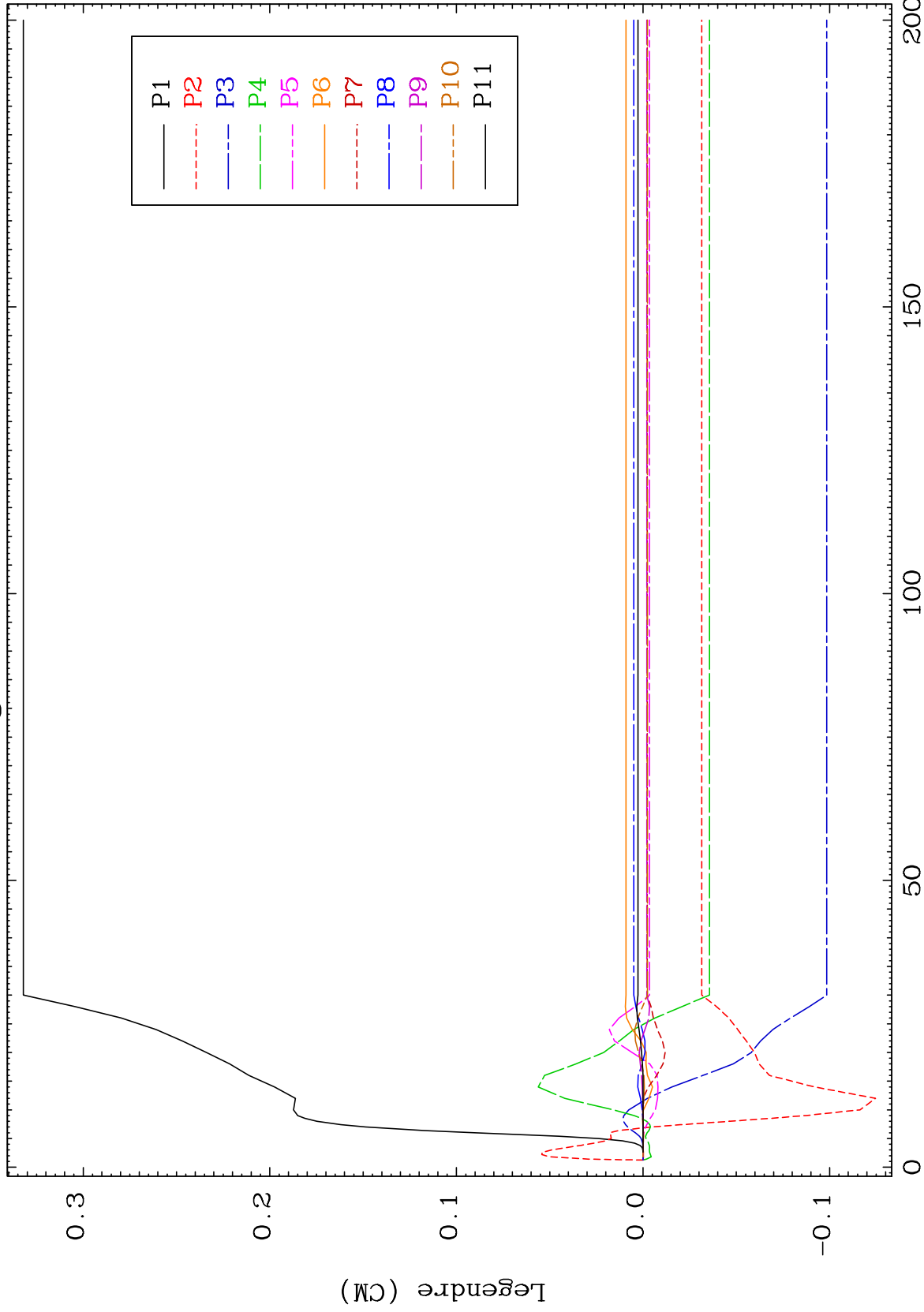
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



95

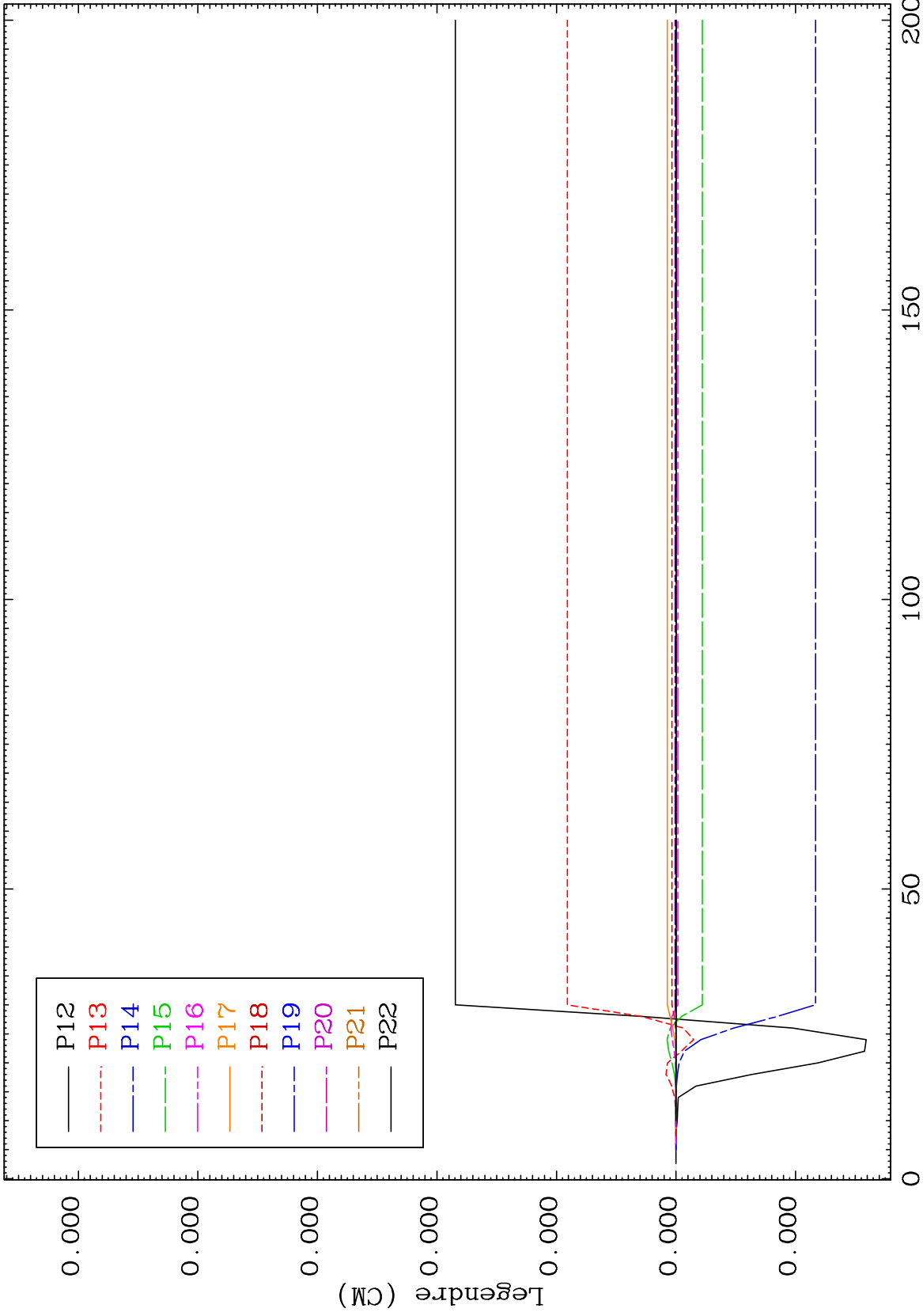
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



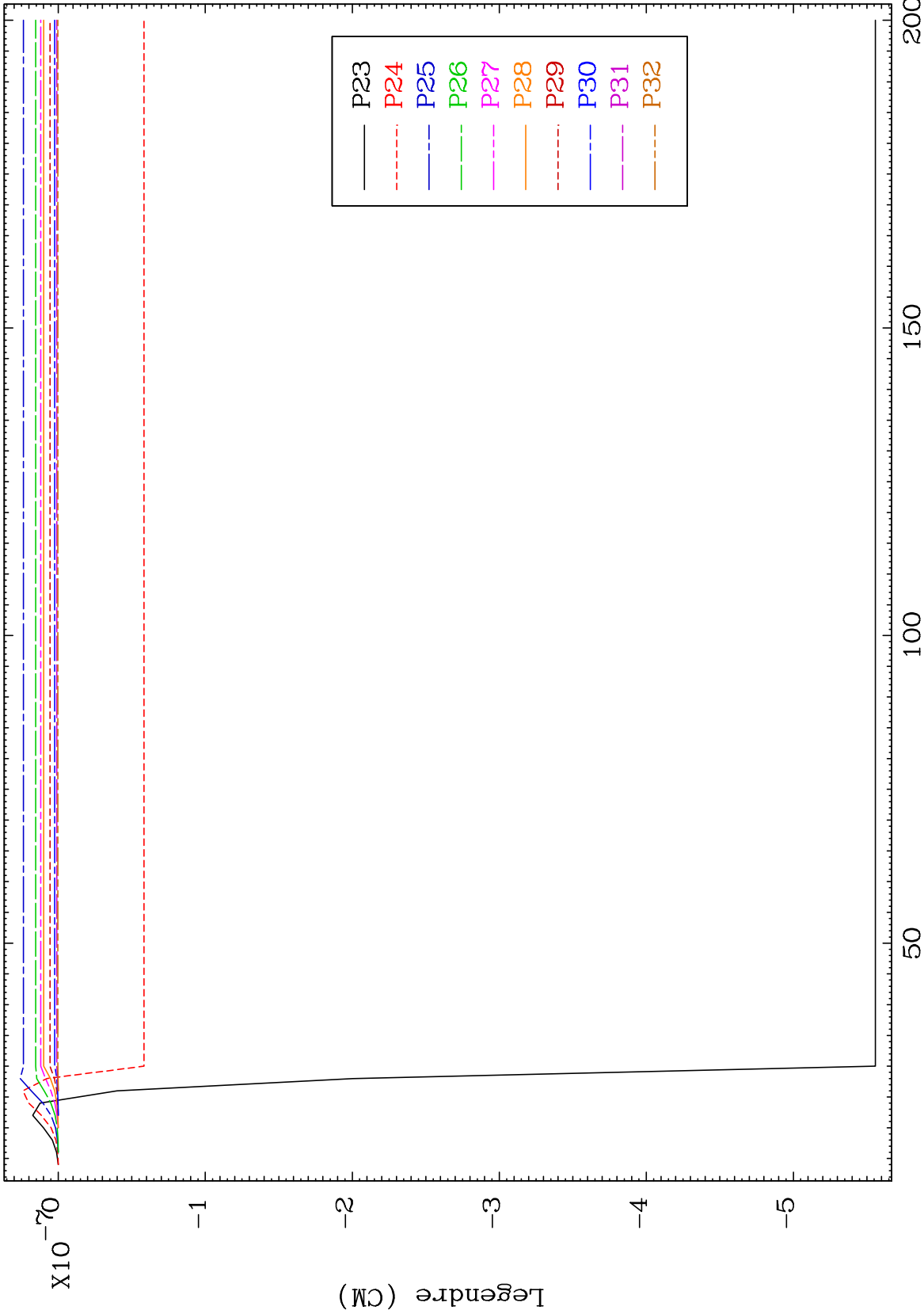
96

43-Tc-107

MAT 4349

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

43-Tc-107



97

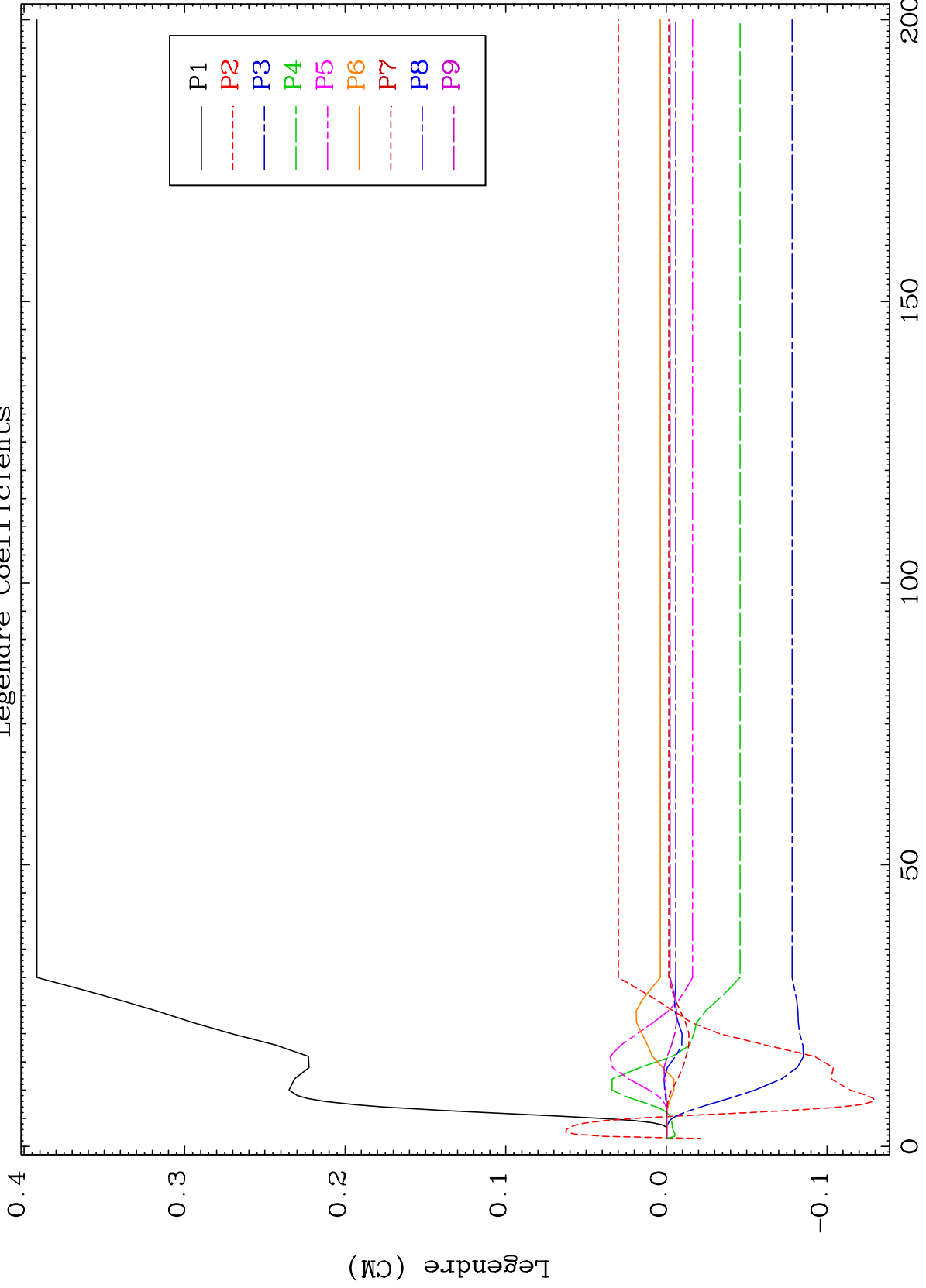
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



98

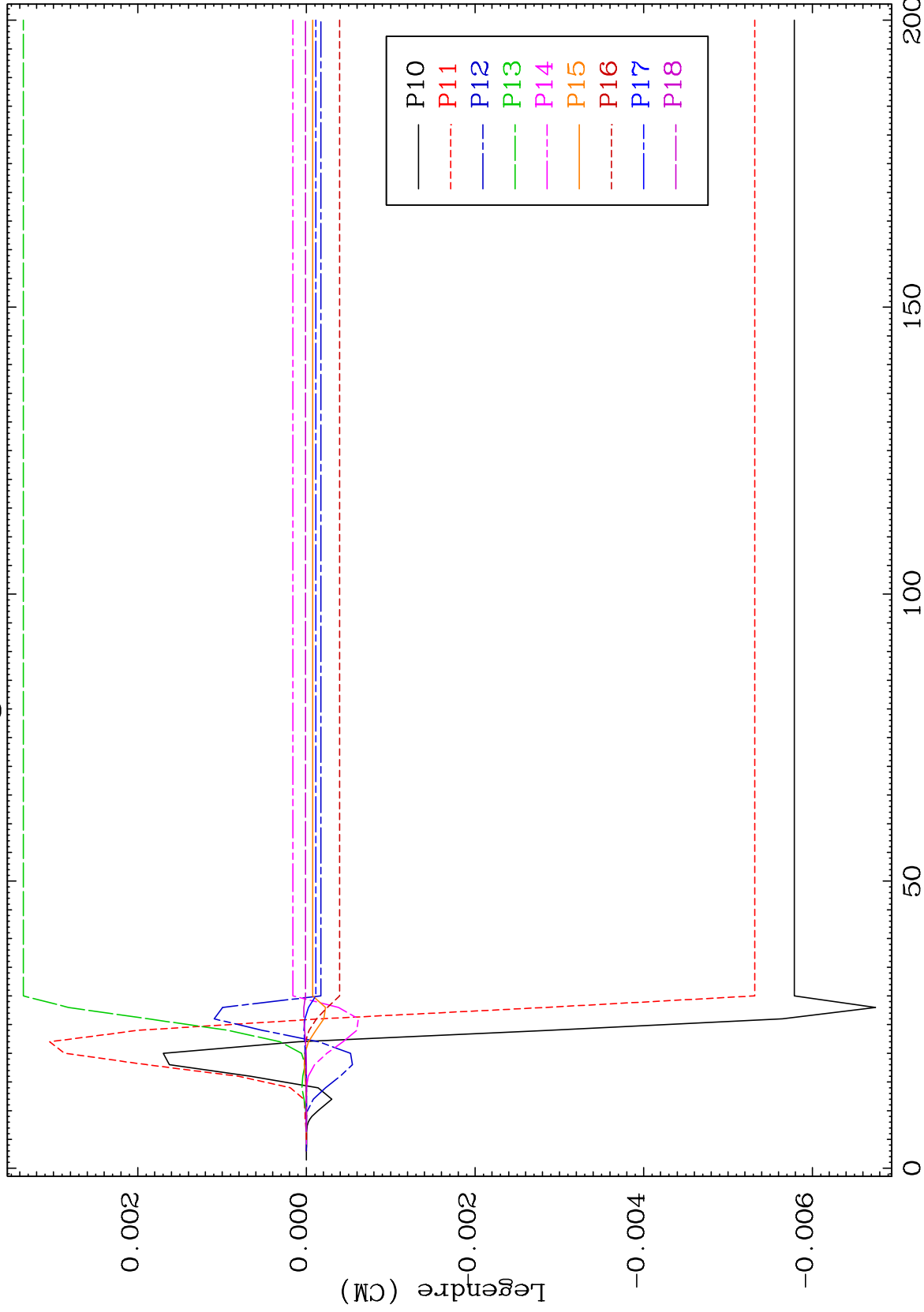
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



99

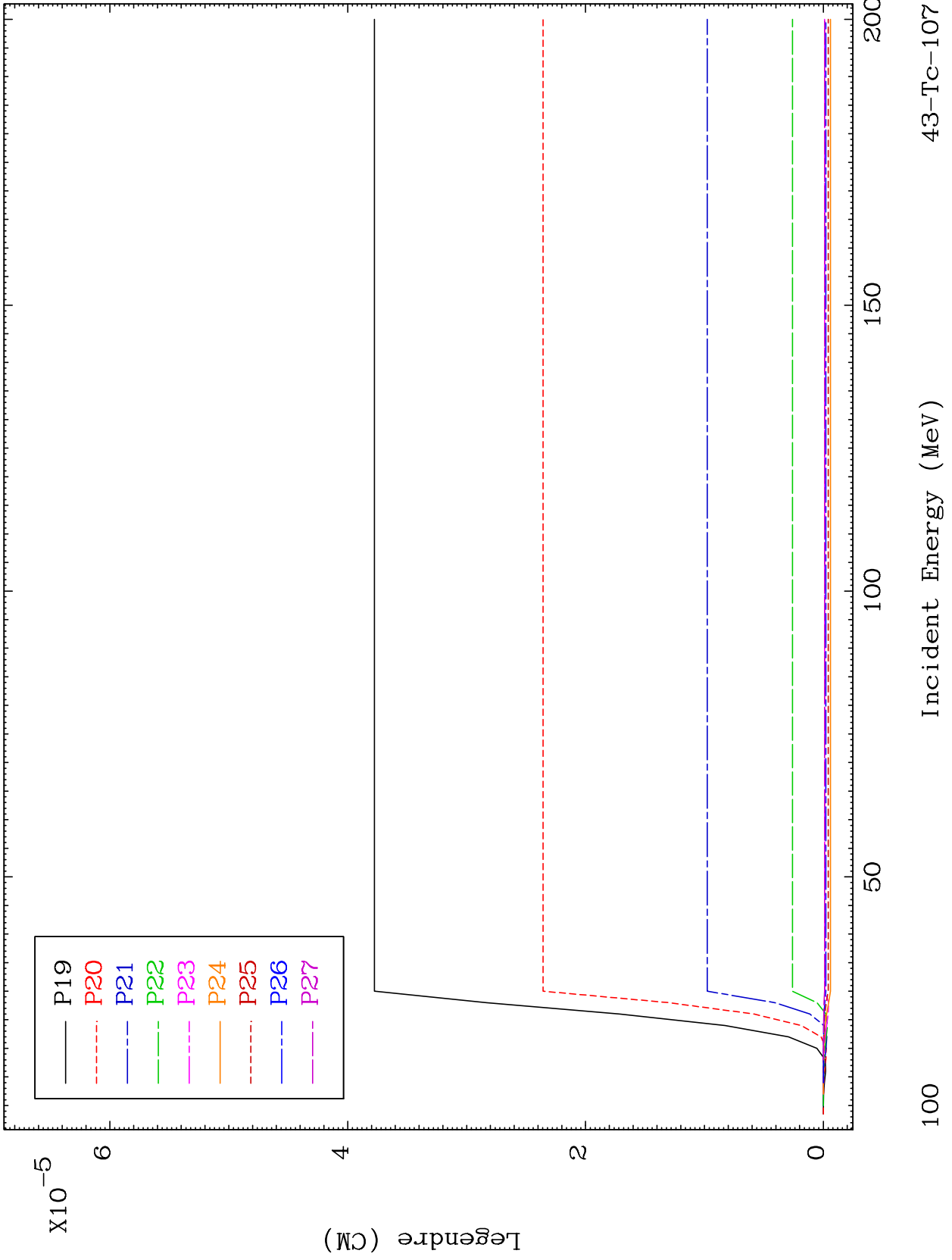
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107

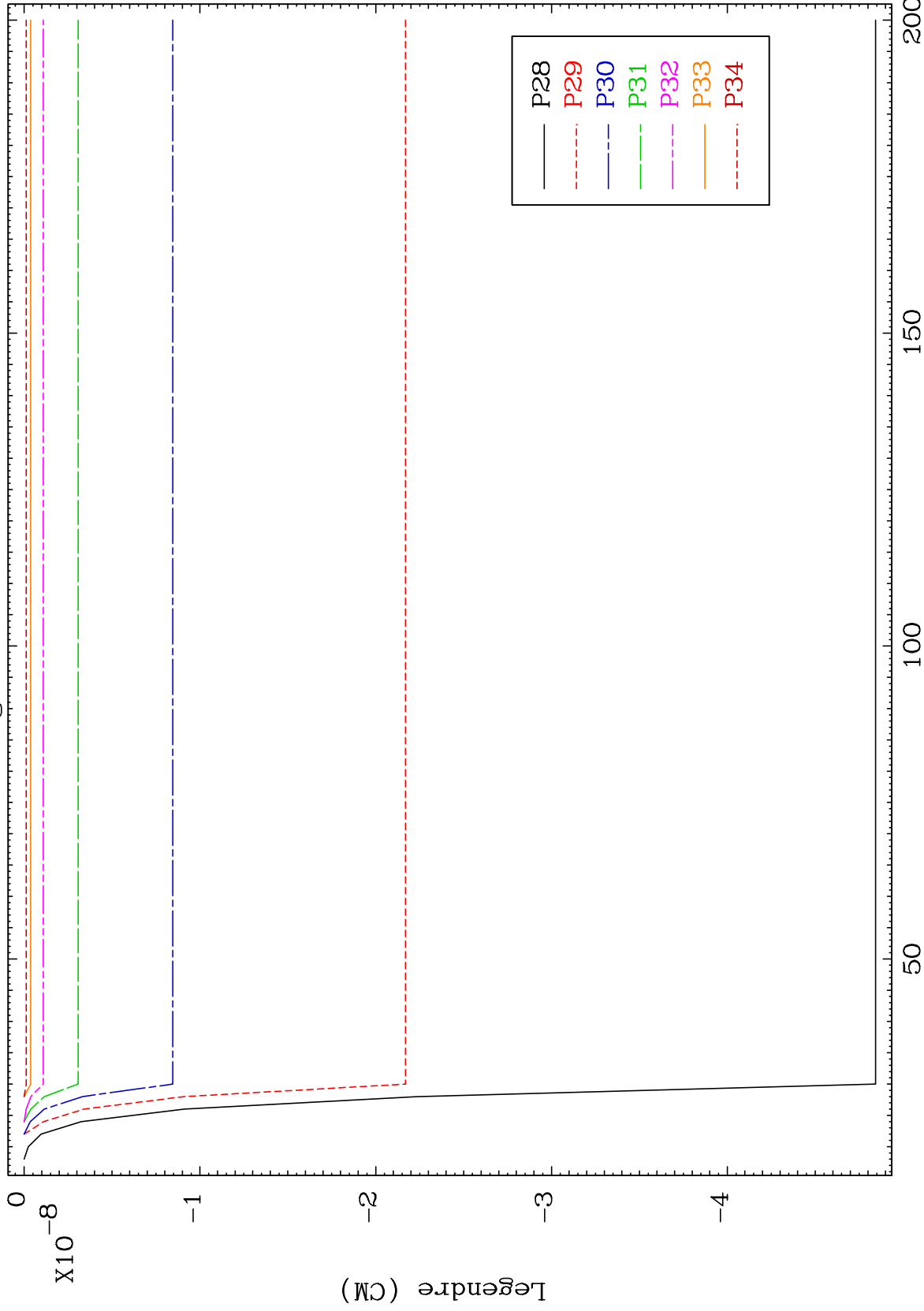


43-Tc-107

MAT 4349

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

43-Tc-107



43-Tc-107

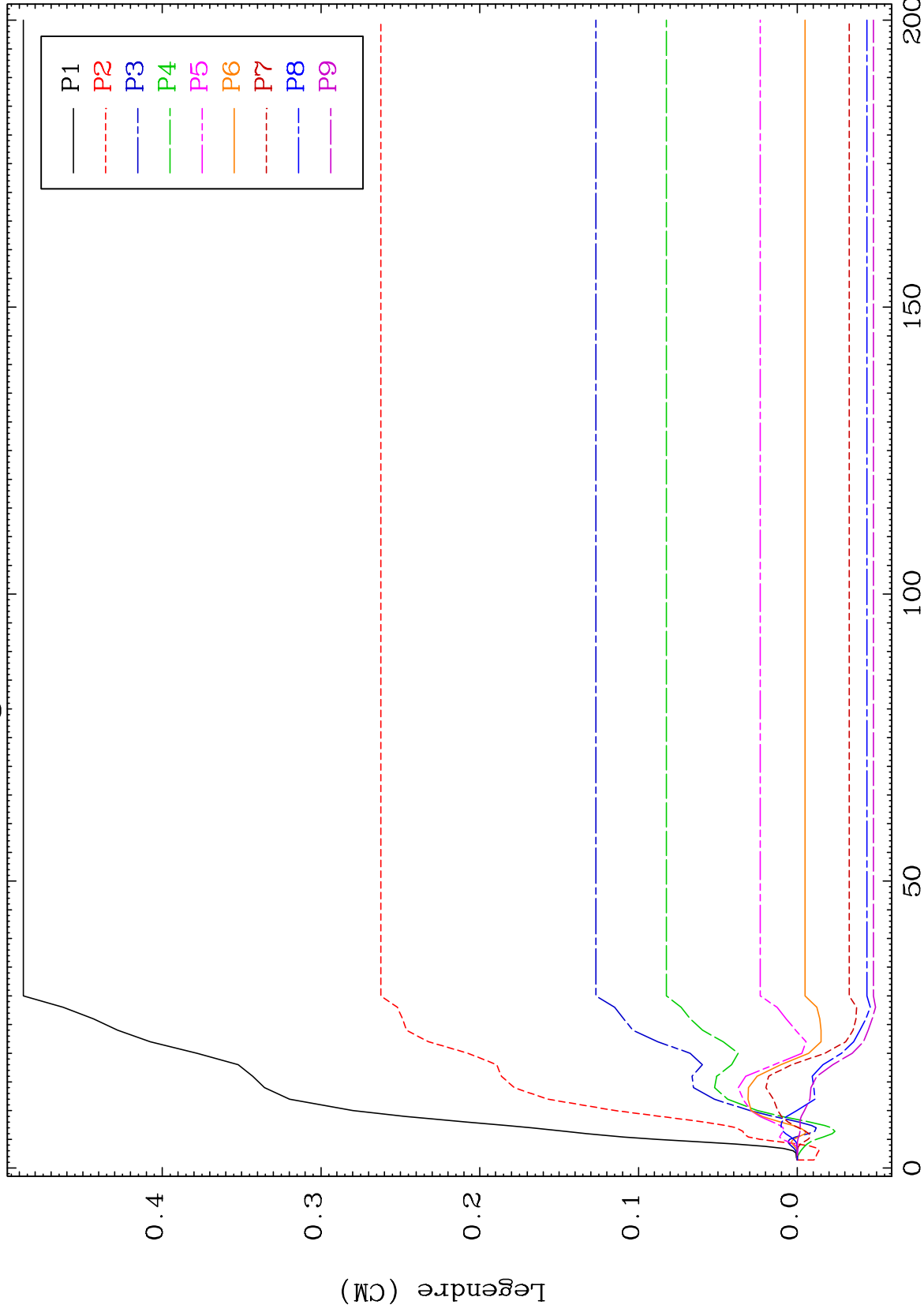
Incident Energy (MeV)

101

MAT 4349

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

43-Tc-107



102

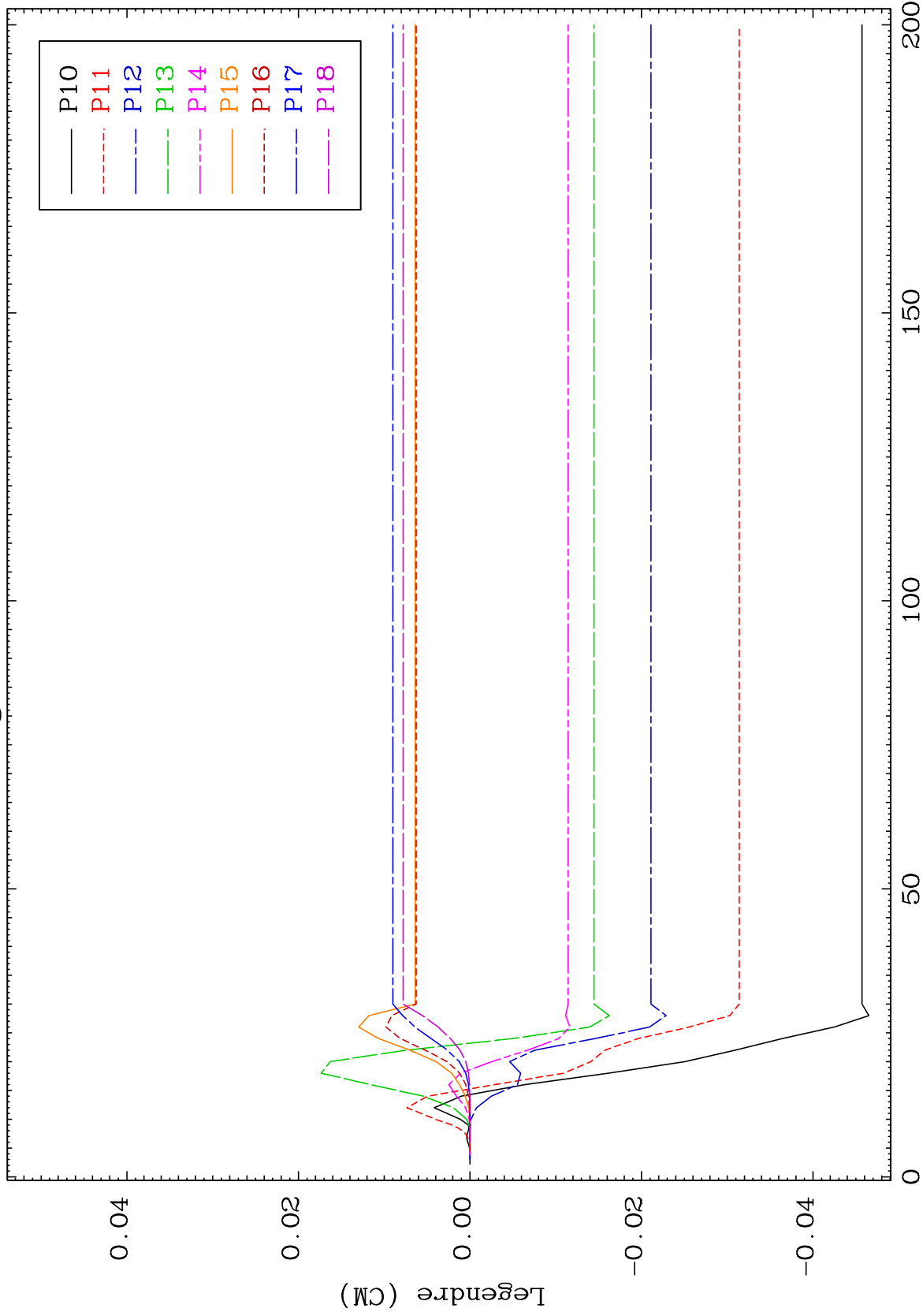
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



103

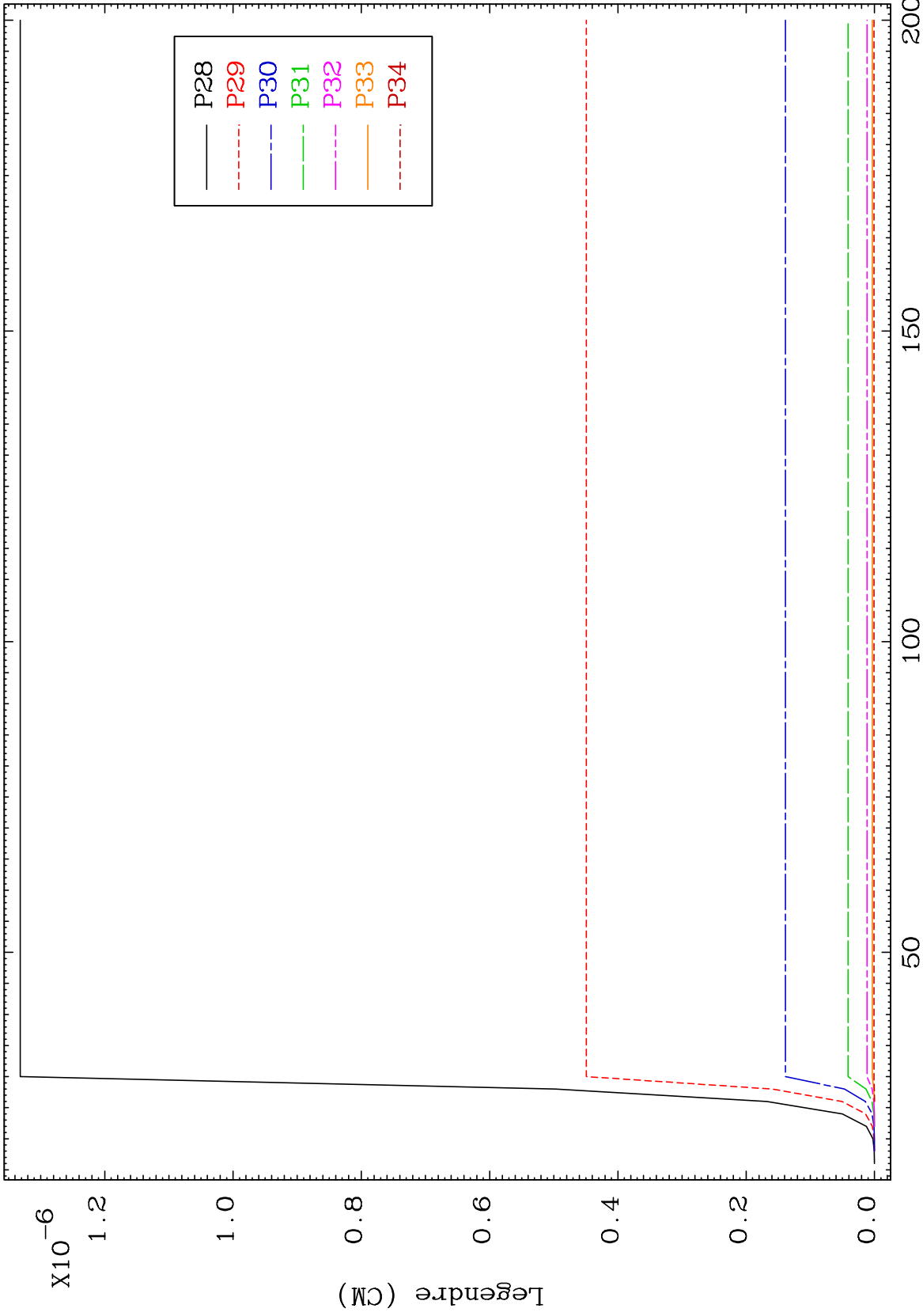
Incident Energy (MeV)

43-Tc-107

MAT 4349

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

43-Tc-107



105

Incident Energy (MeV)

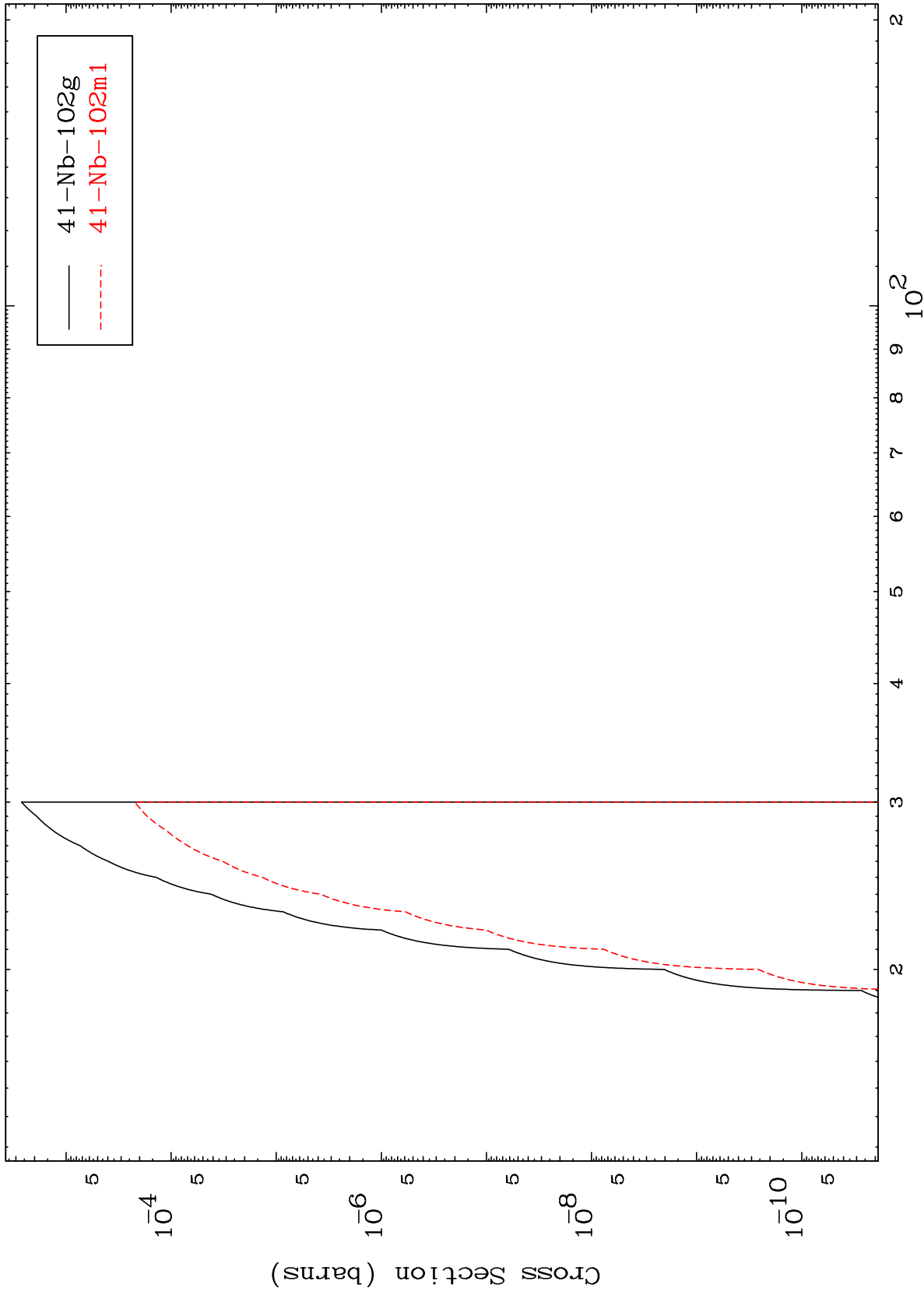
43-Tc-107

MAT 4349

(n,2n) α

43-Tc-107

Radionuclide Production Cross Section



106

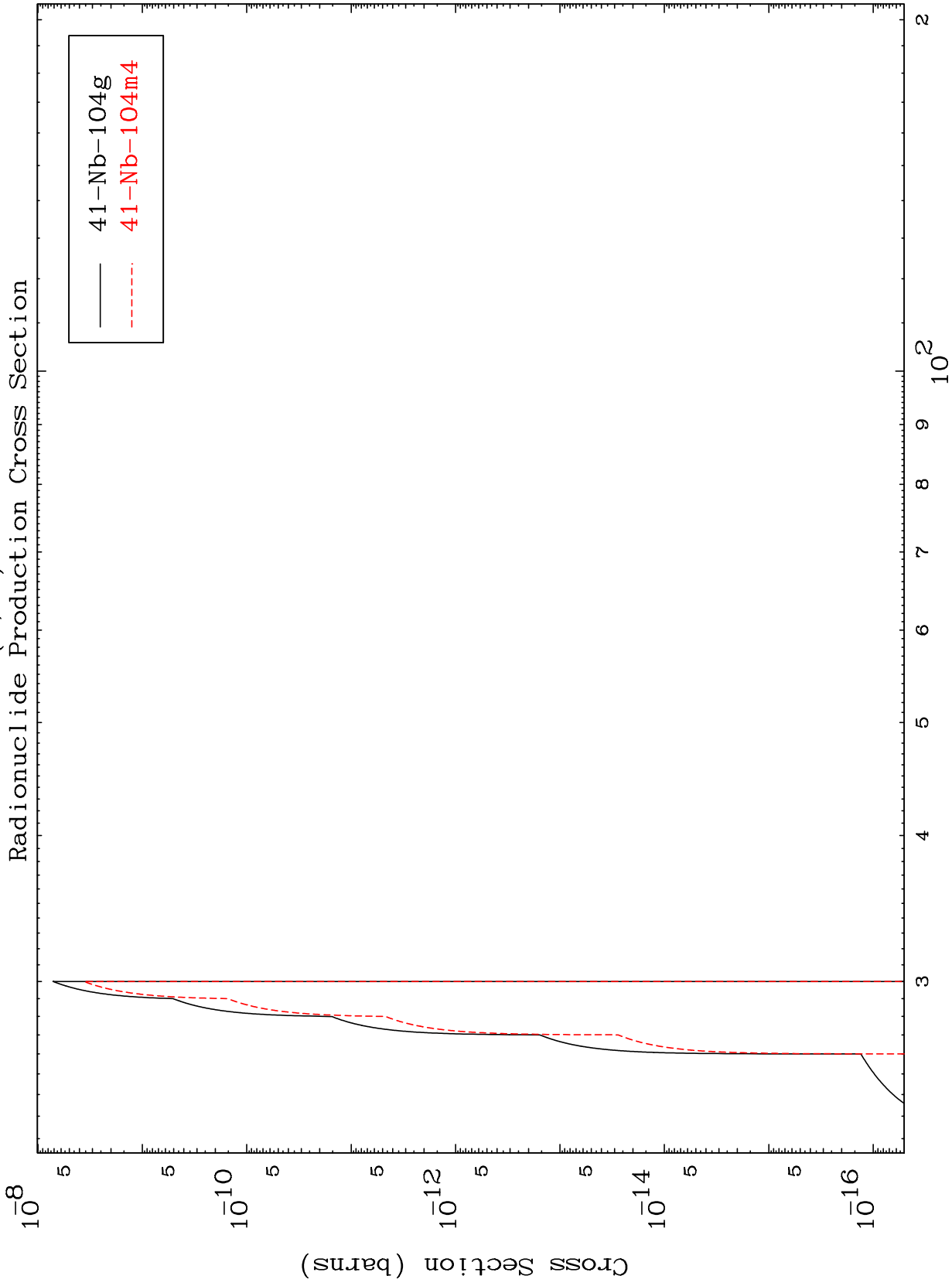
Incident Energy (MeV)

43-Tc-107

MAT 4349

(n, n') He-3

43-Tc-107



107

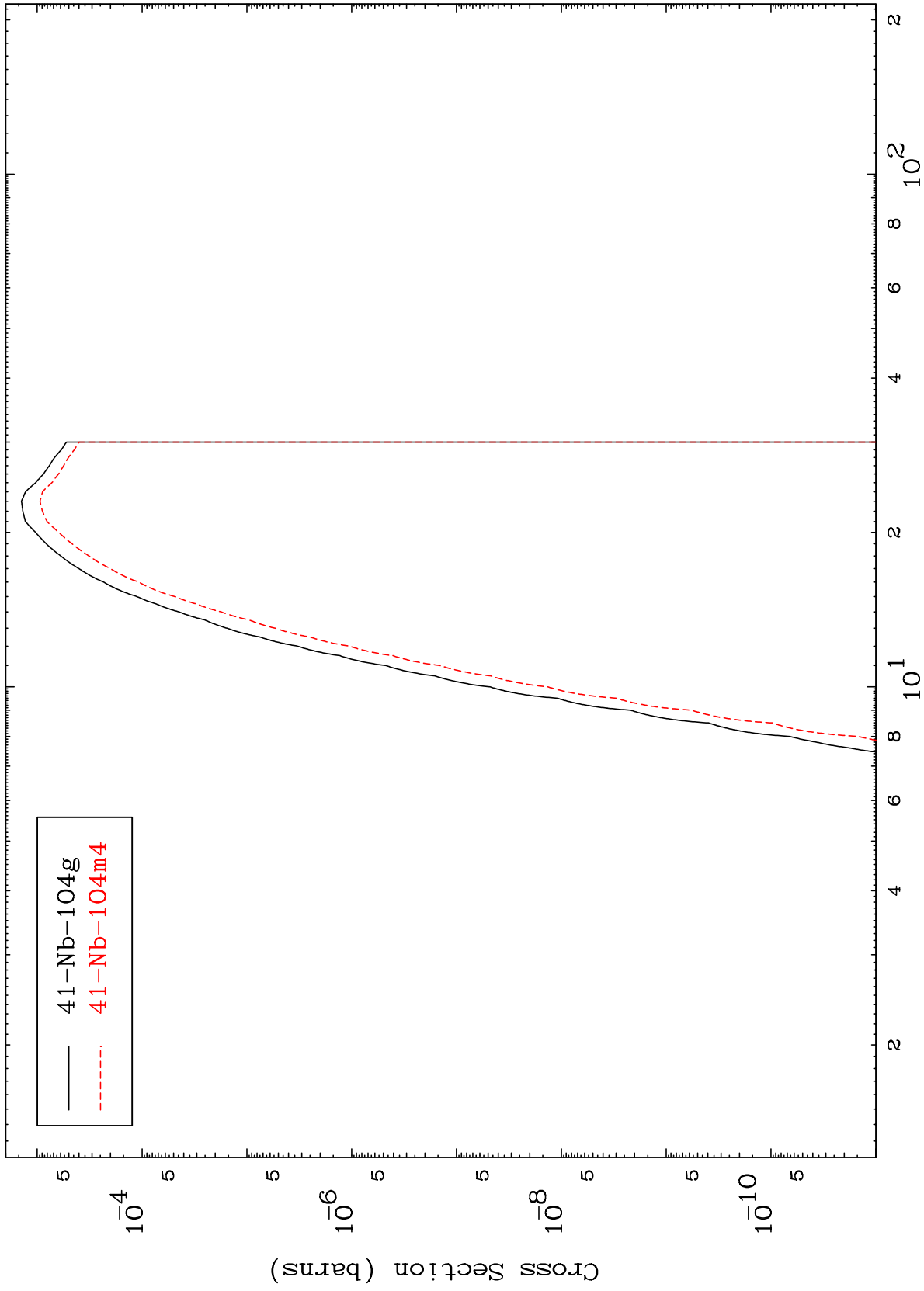
Incident Energy (MeV)

43-Tc-107

MAT 4349

43-Tc-107

(n, α)
Radionuclide Production Cross Section



108

43-Tc-107