

Program EVALPLOT
(Version 2018-1)

by

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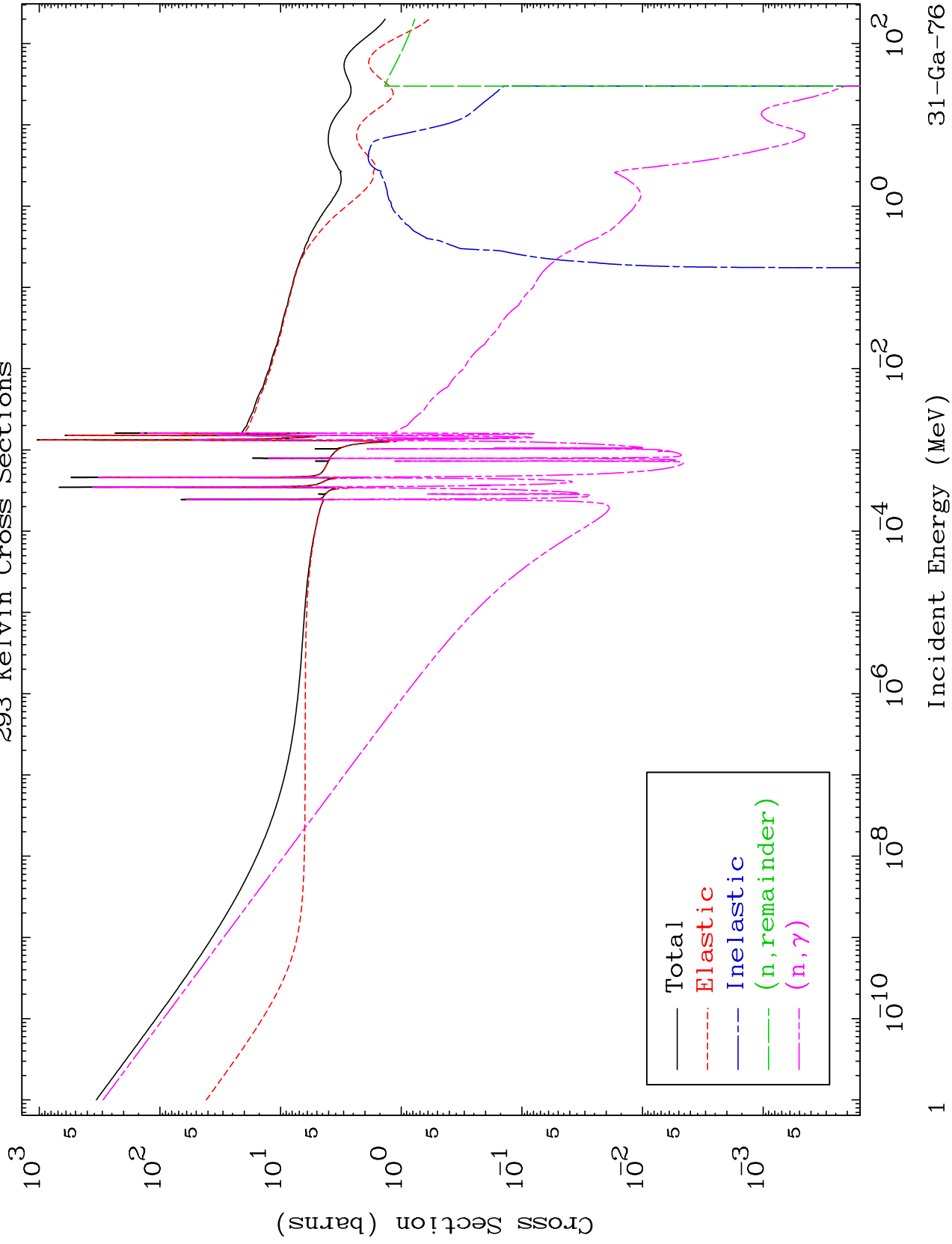
Press Mouse Button to Start

MAT 3146

Major

293 Kelvin Cross Sections

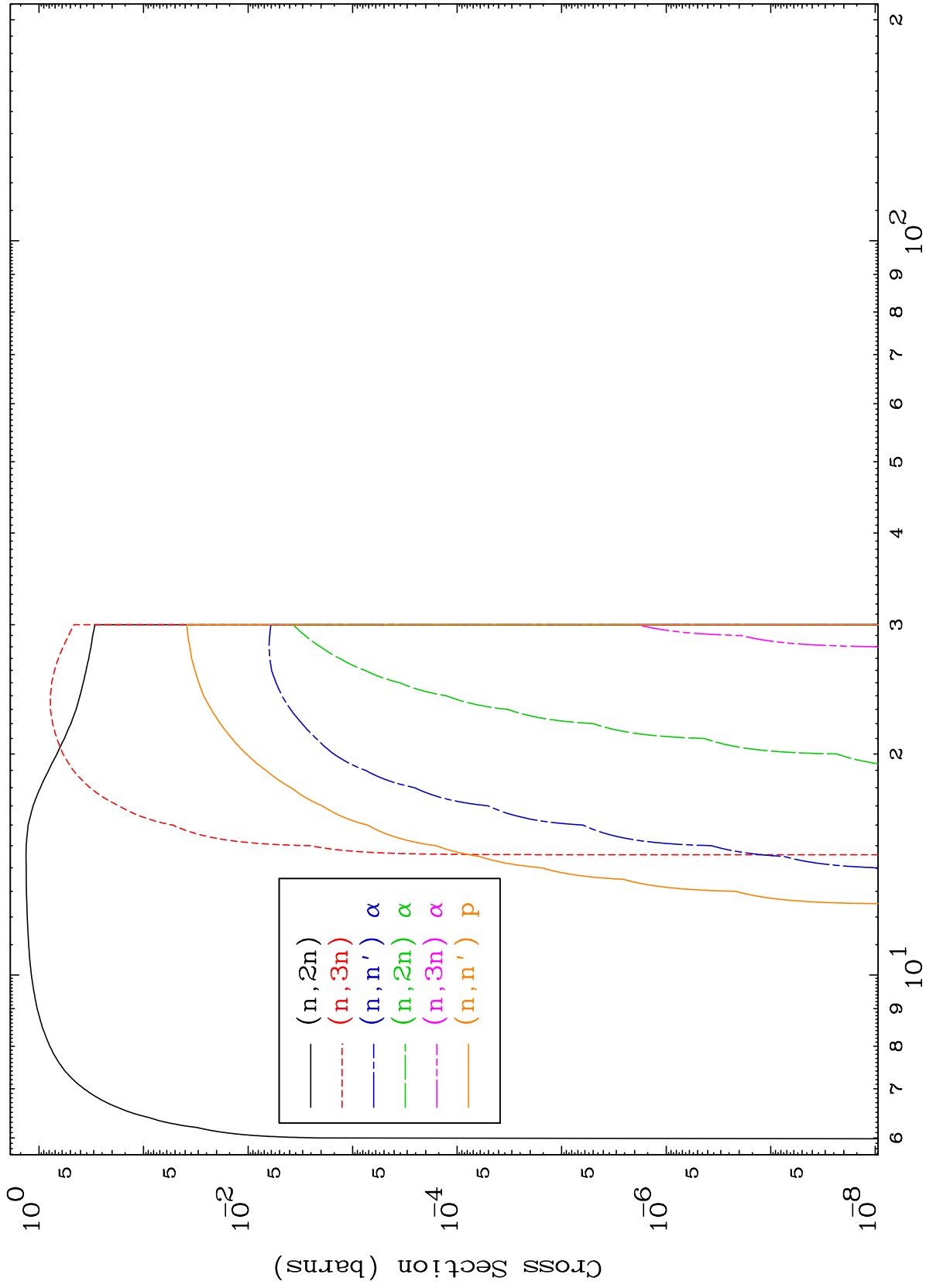
31-Ga-76



MAT 3146

Neutron Production
293 Kelvin Cross Sections

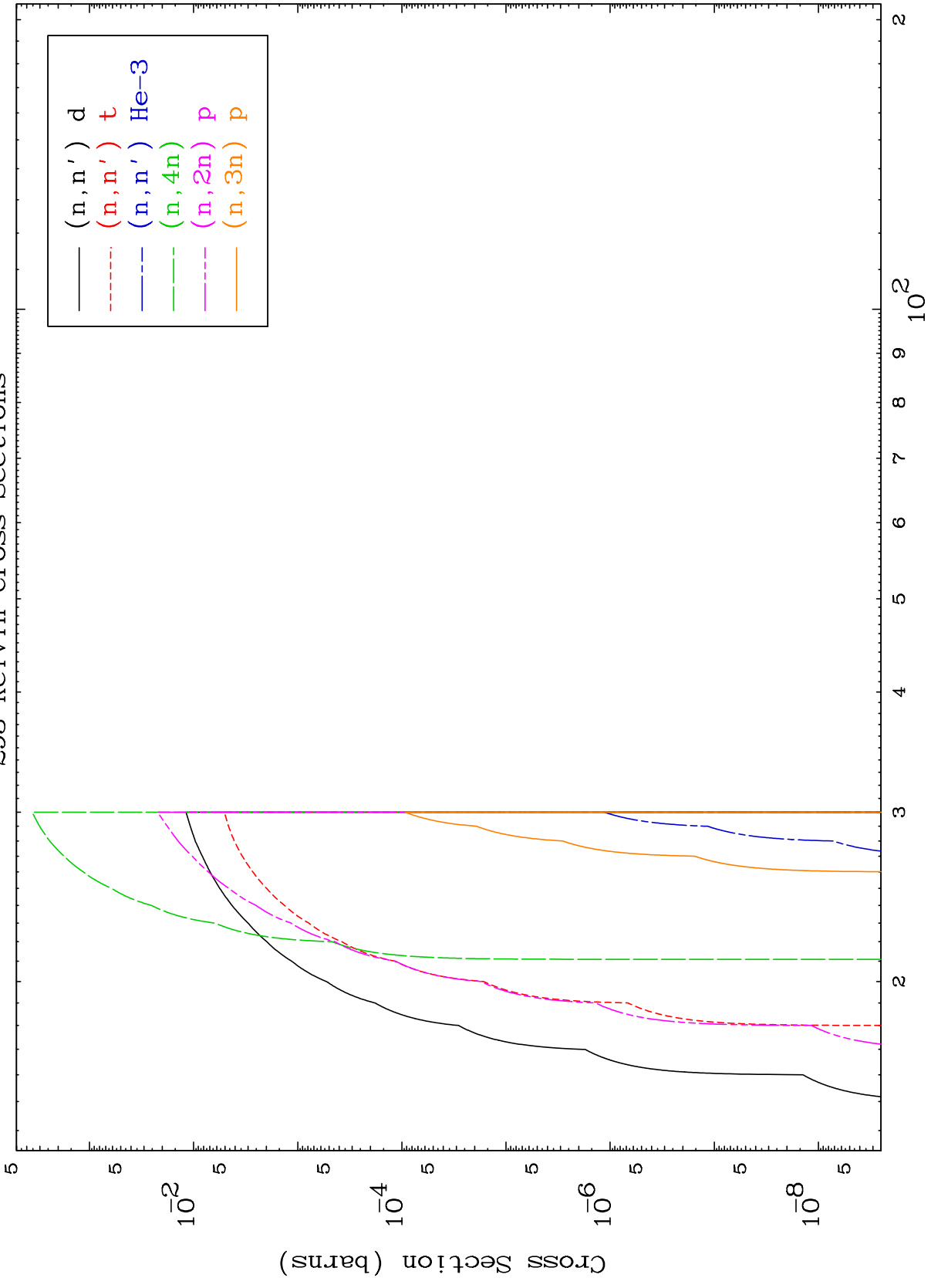
31-Ga-76



2

Incident Energy (MeV)

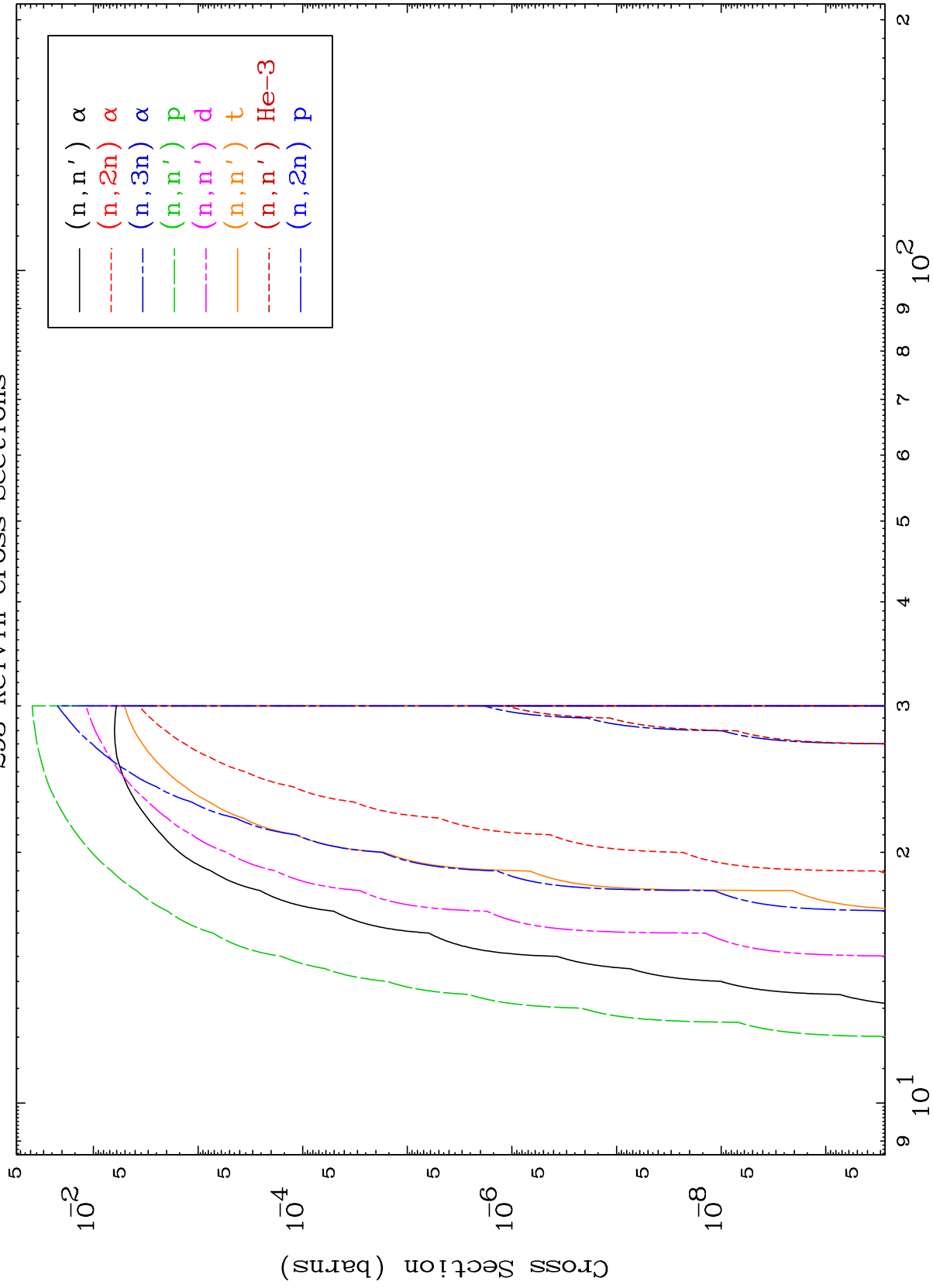
31-Ga-76



MAT 3146

Charged Particle
293 Kelvin Cross Sections

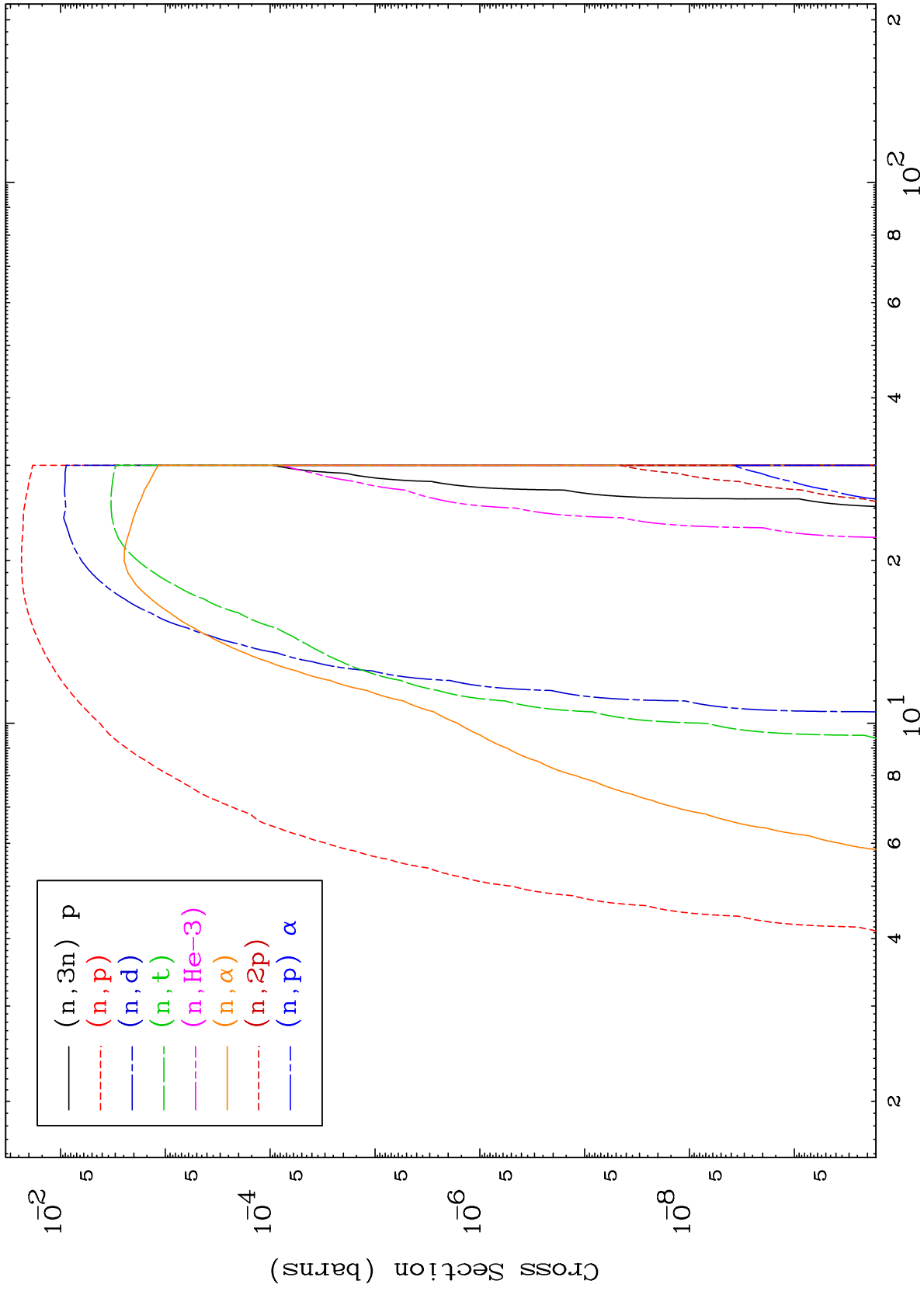
31-Ga-76



4

Incident Energy (MeV)

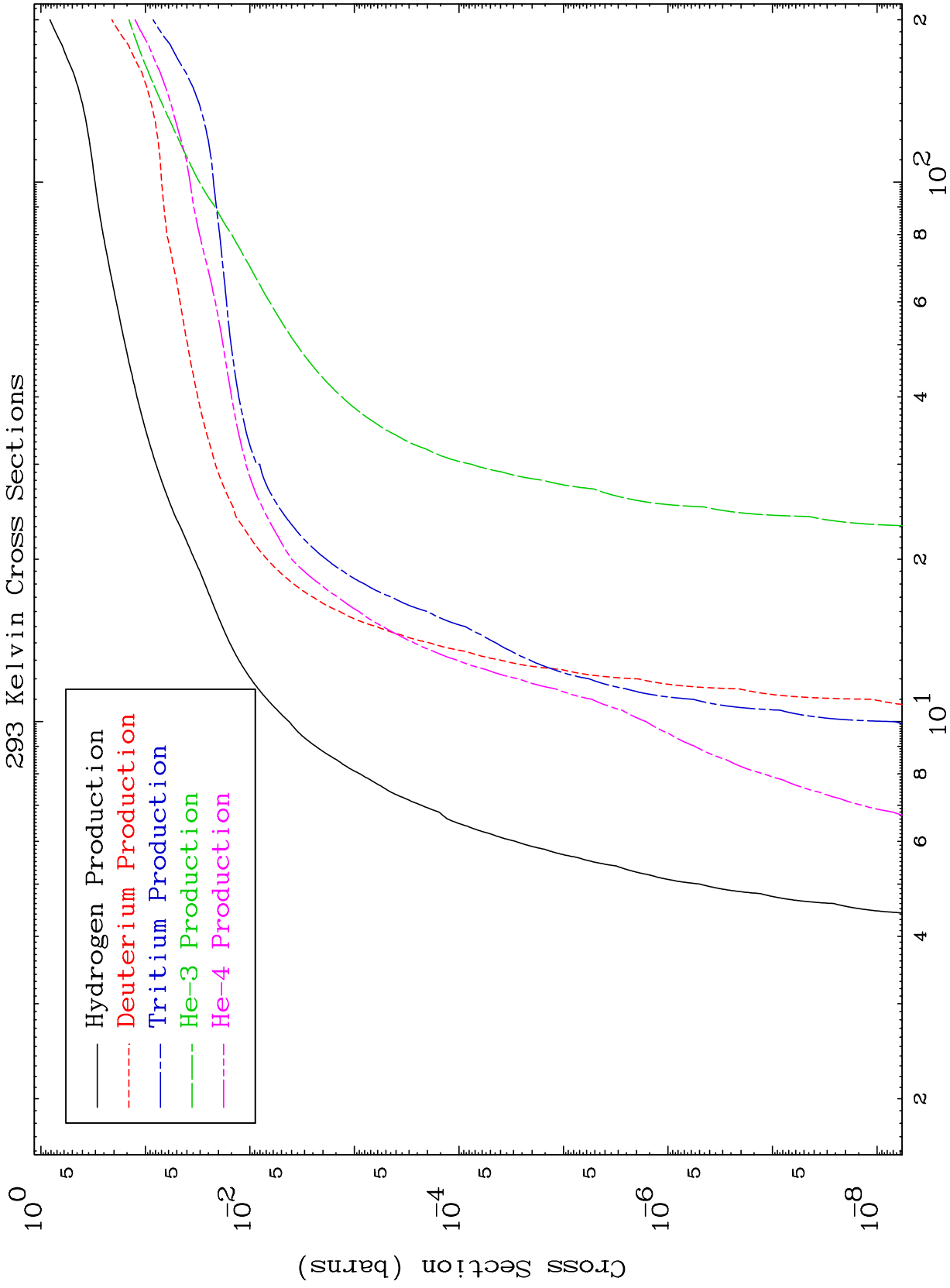
31-Ga-76



MAT 3146

Particle Production
293 Kelvin Cross Sections

31-Ga-76



6

Incident Energy (MeV)

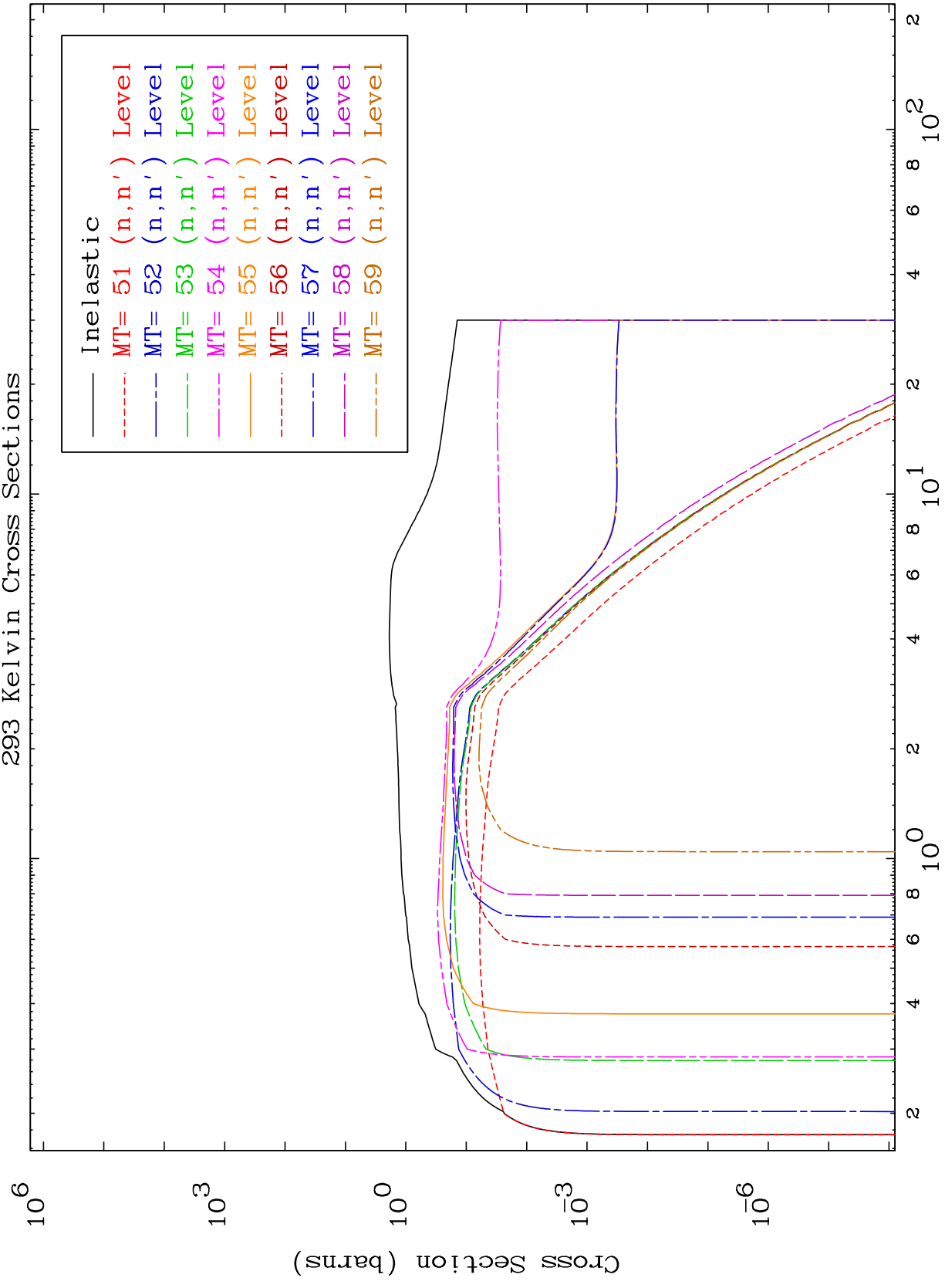
31-Ga-76

MAT 3146

(n,n') Level

31-Ga-76

293 Kelvin Cross Sections



7

Incident Energy (MeV)

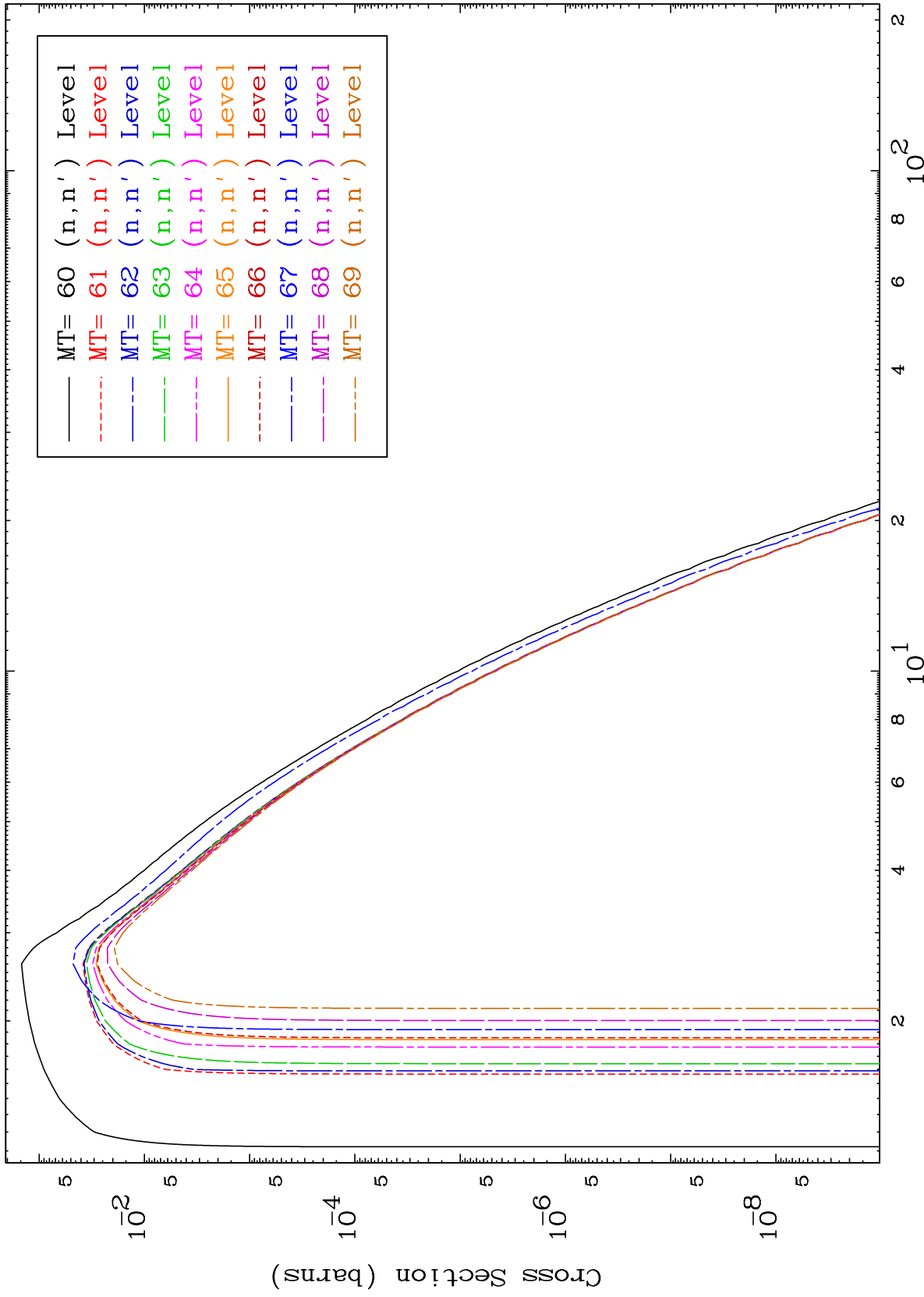
31-Ga-76

MAT 3146

(n,n') Level

31-Ga-76

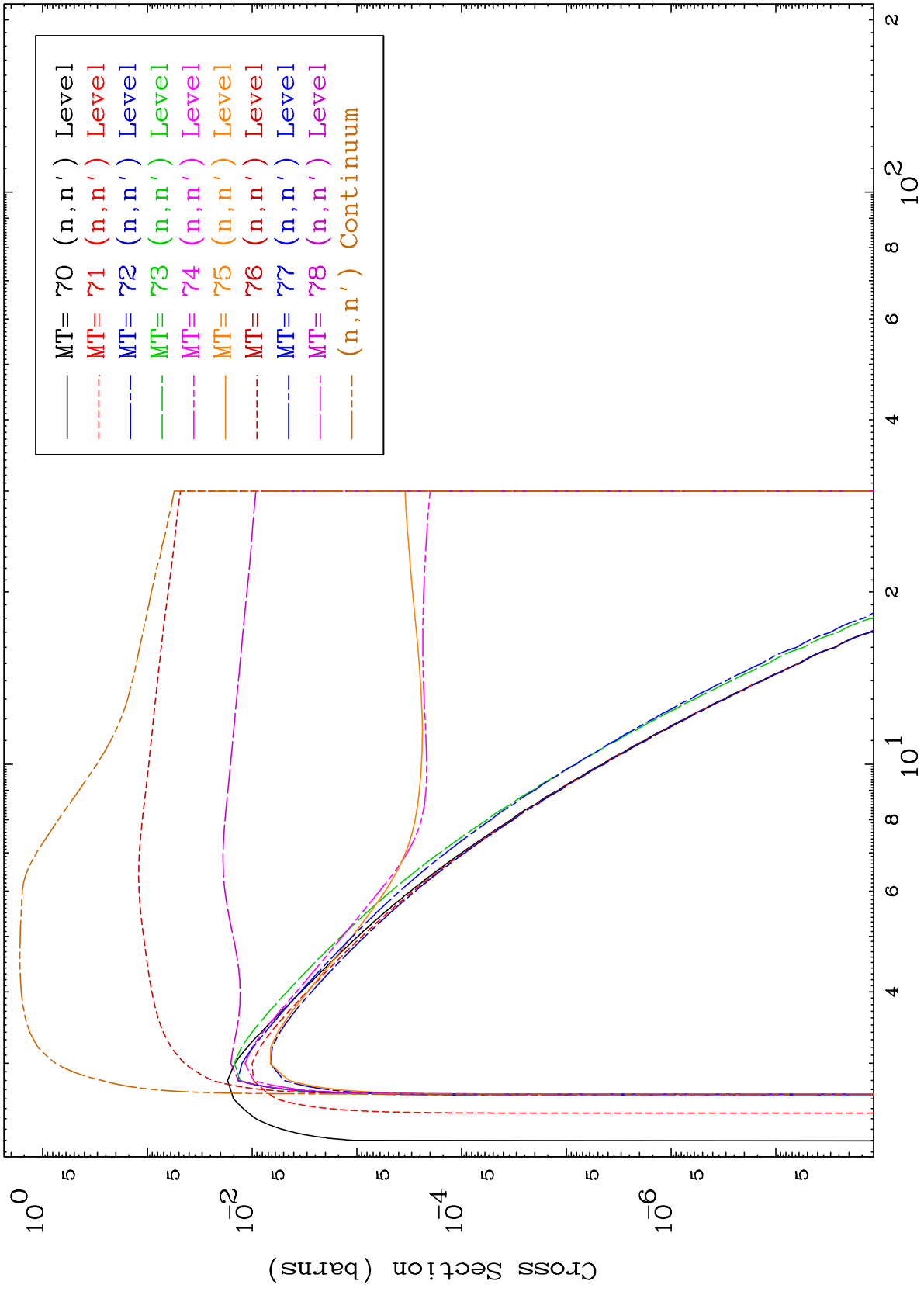
293 Kelvin Cross Sections



8

Incident Energy (MeV)

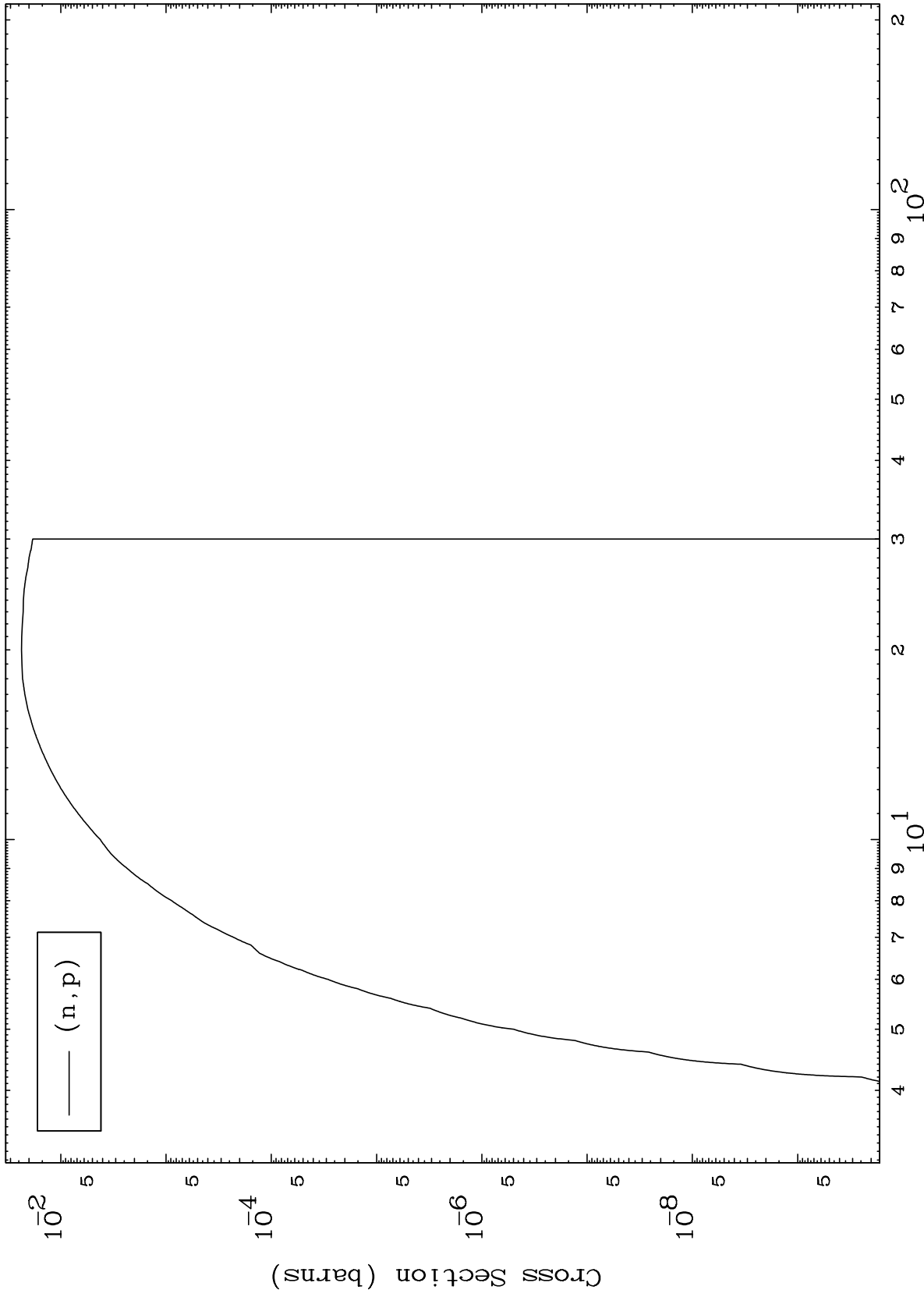
31-Ga-76



MAT 3146

31-Ga-76

(n,p) Levels
293 Kelvin Cross Sections



10

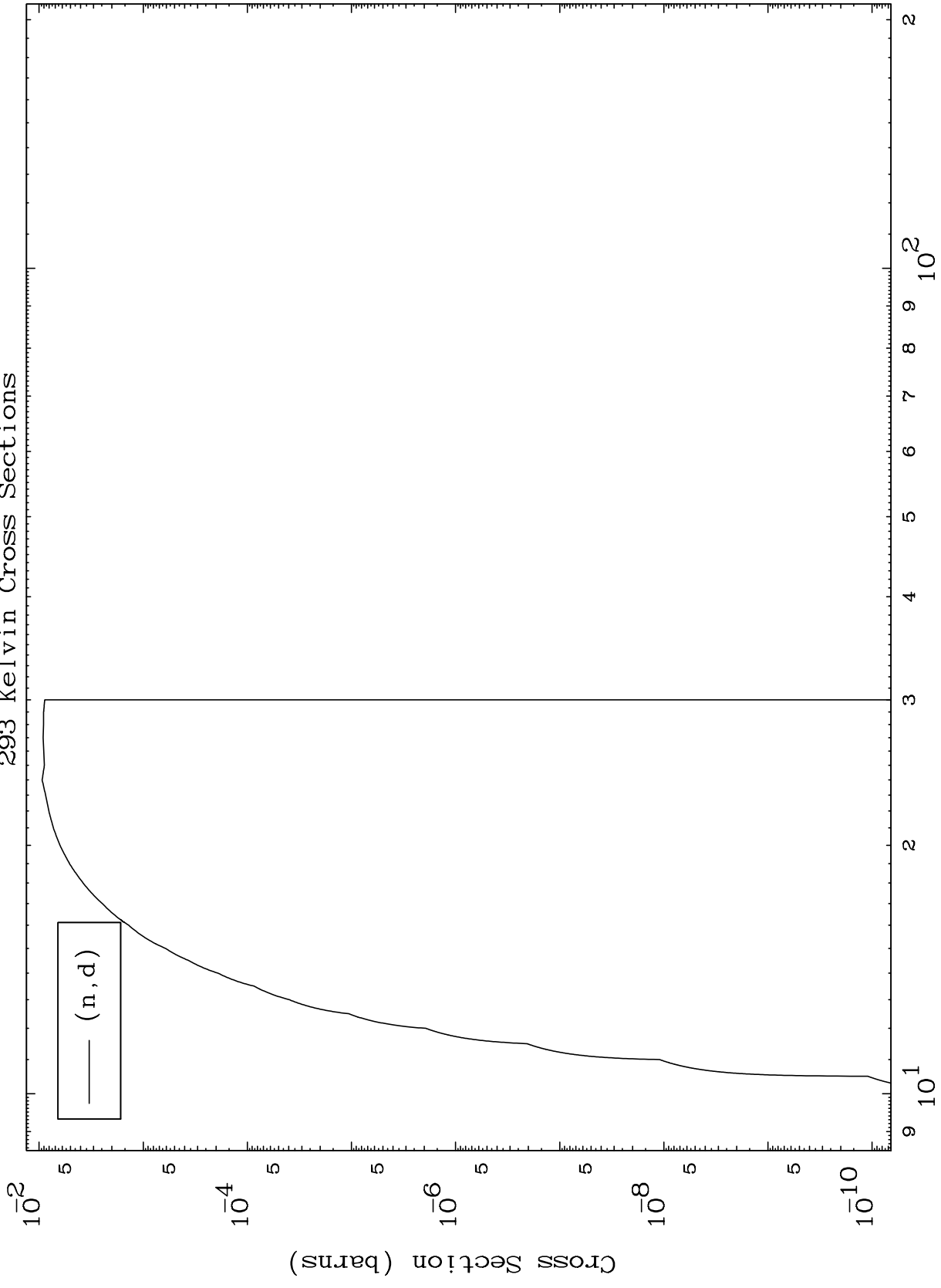
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-76



11

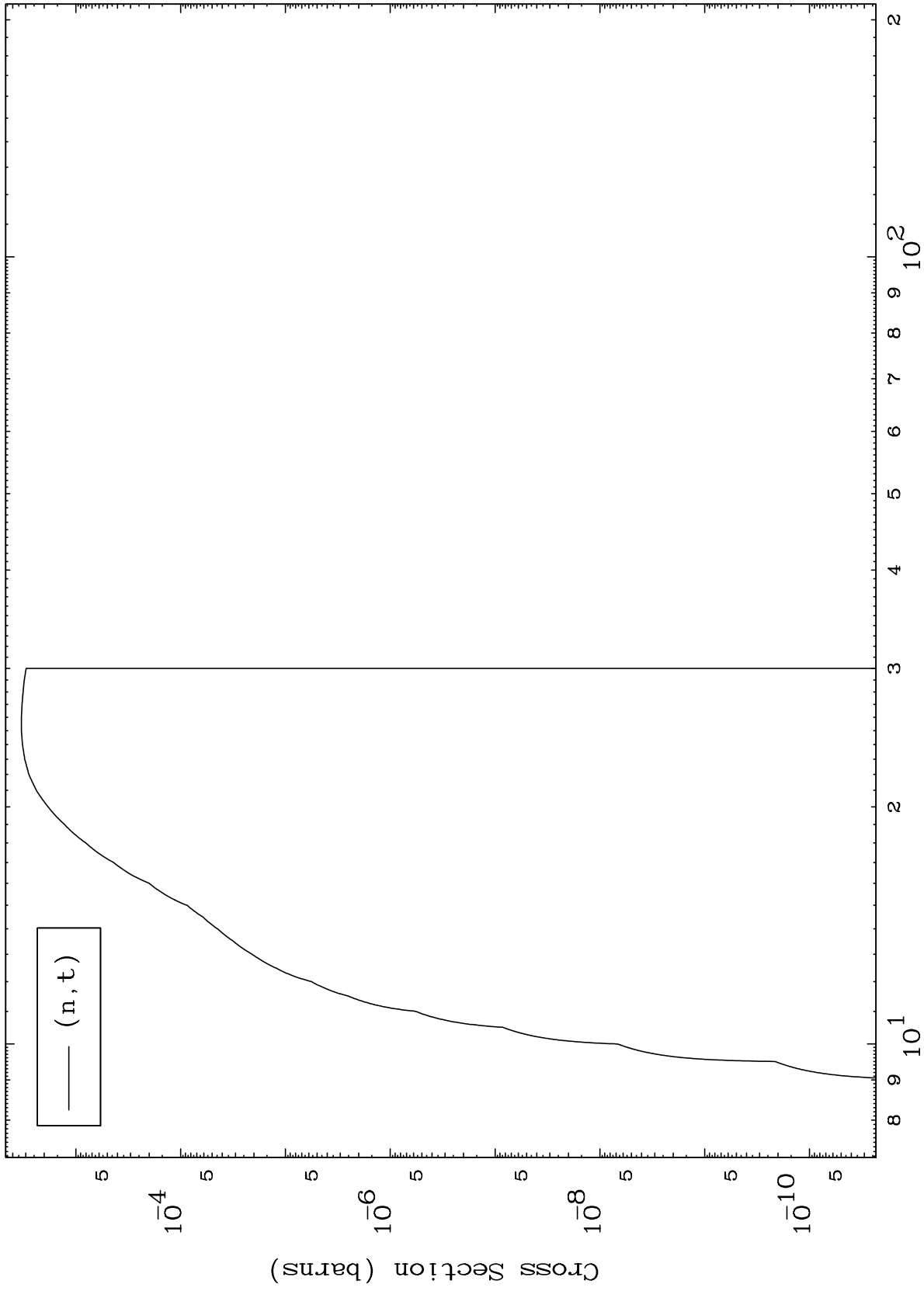
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-76



12

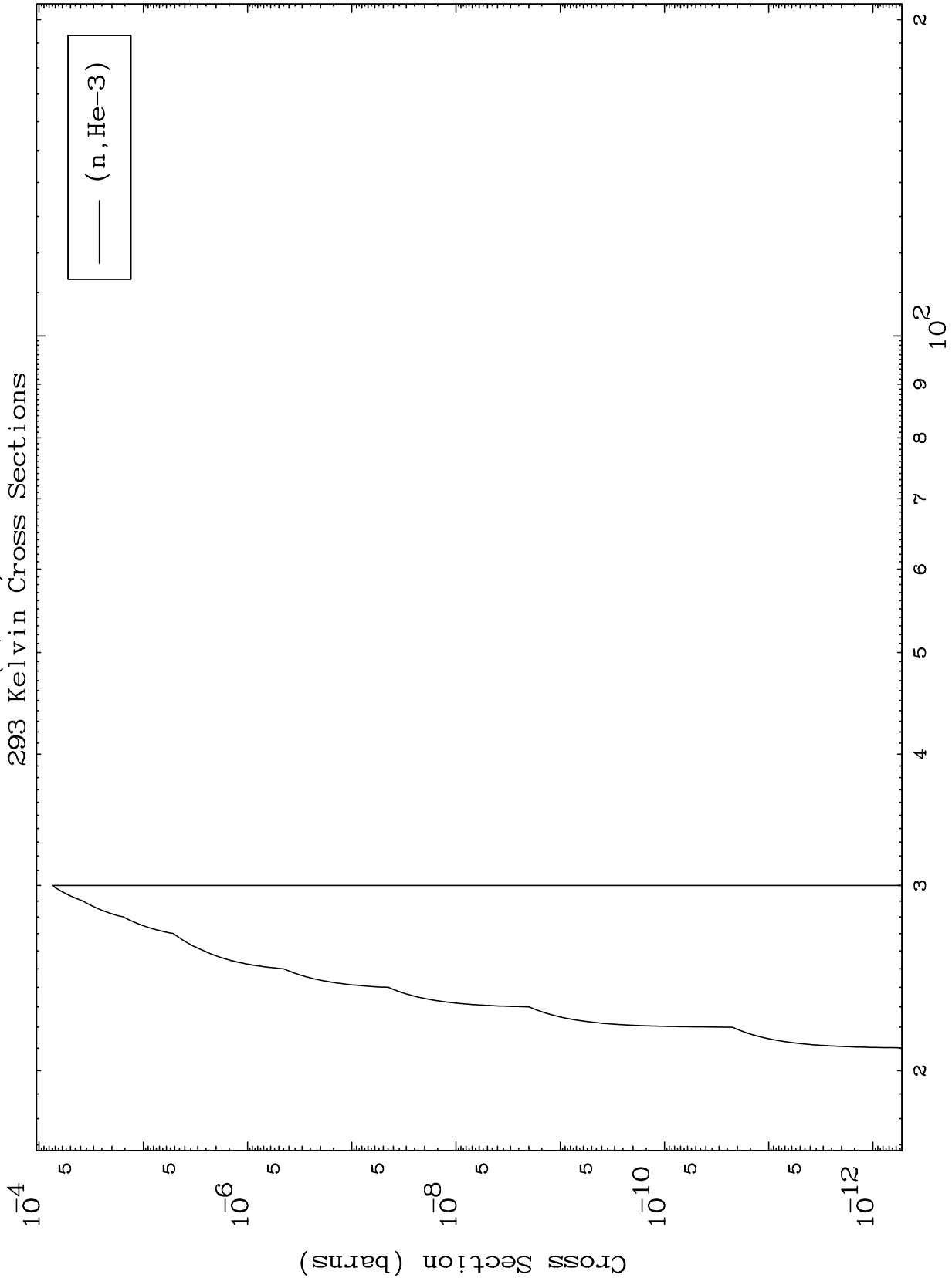
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-76



13

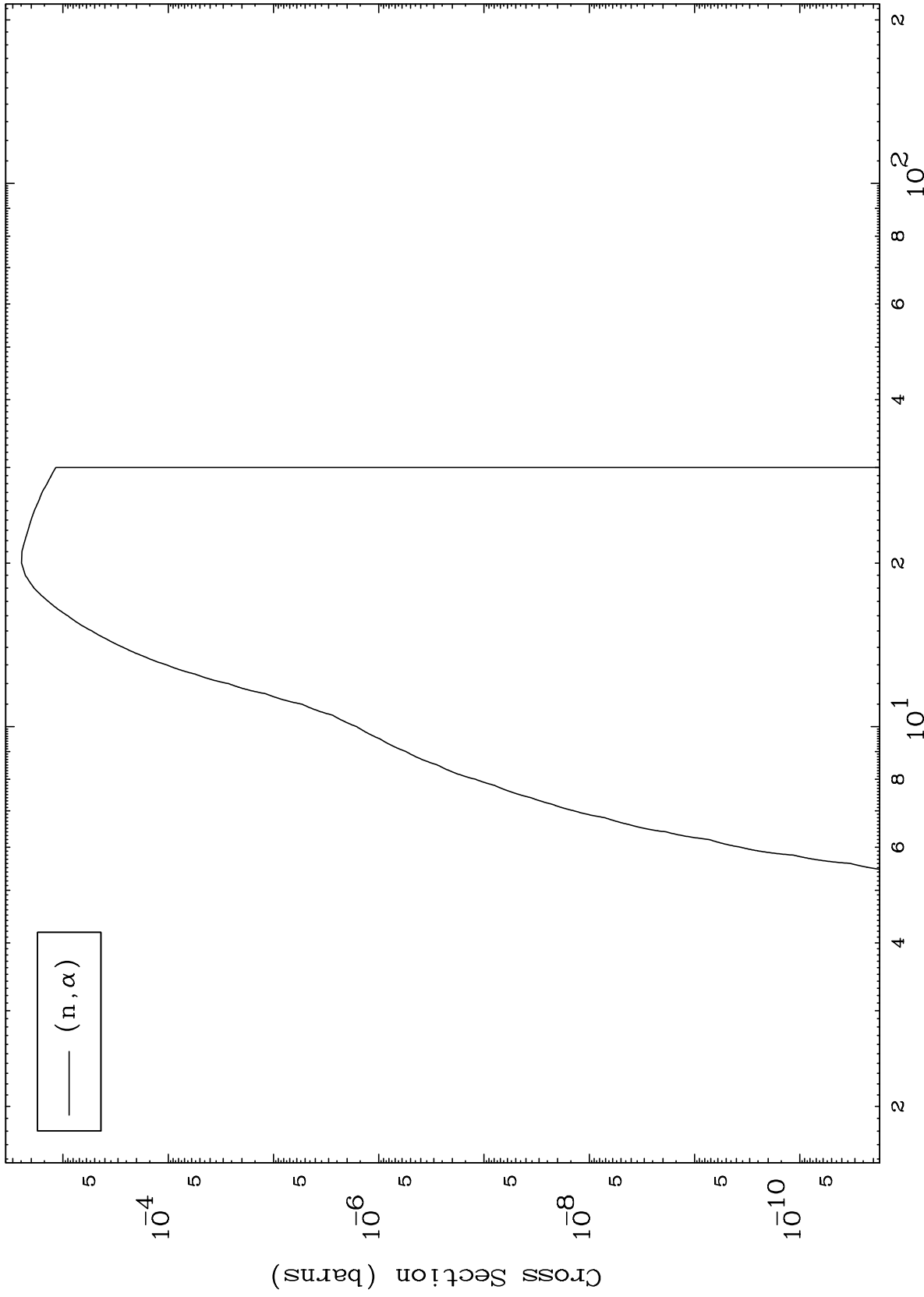
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,α) Levels
293 Kelvin Cross Sections

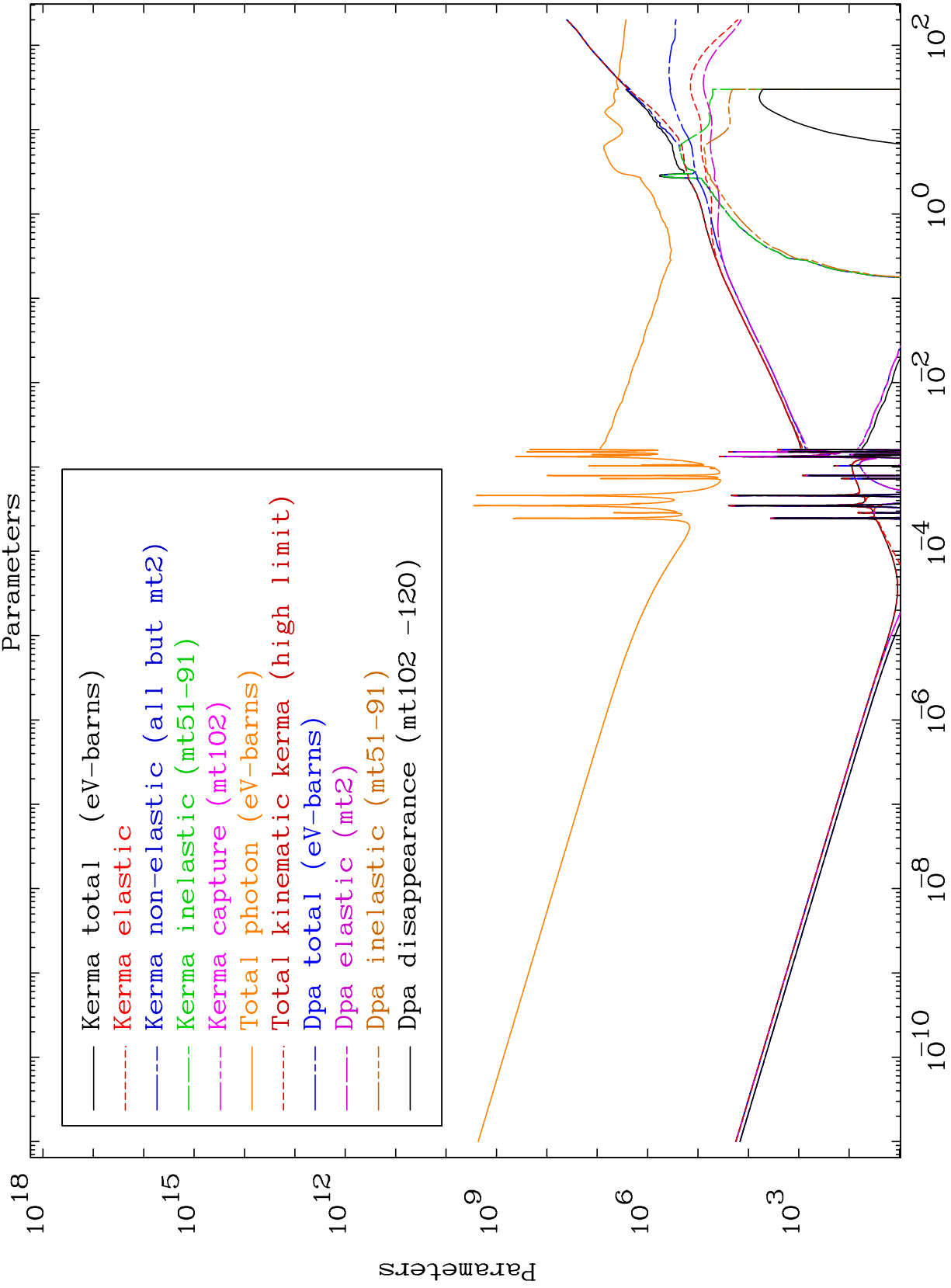
31-Ga-76



14

Incident Energy (MeV)

31-Ga-76



MAT 3146

Elastic Legendre Coefficients

31-Ga-76



16

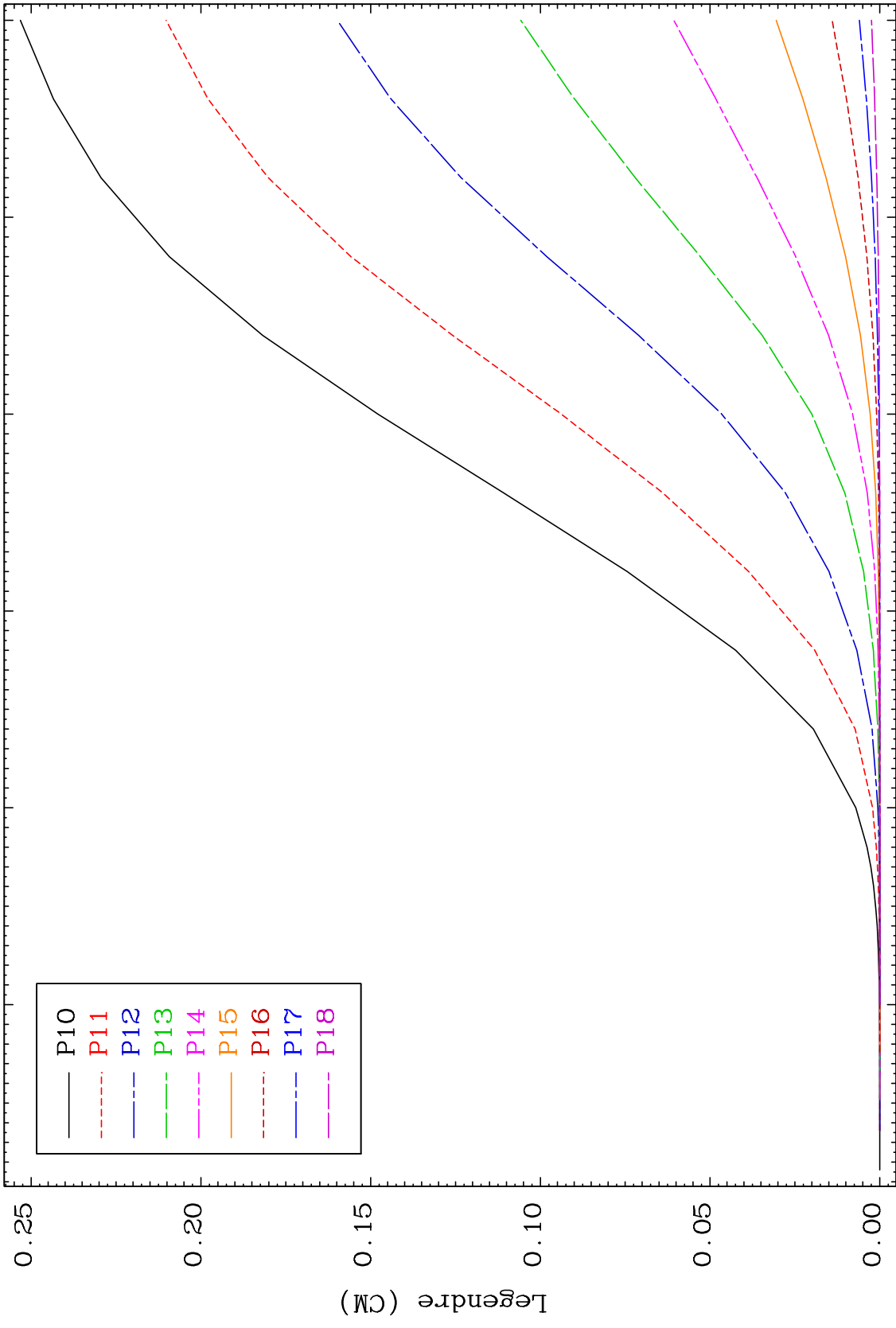
Incident Energy (MeV)

31-Ga-76

MAT 3146

Elastic Legendre Coefficients

31-Ga-76



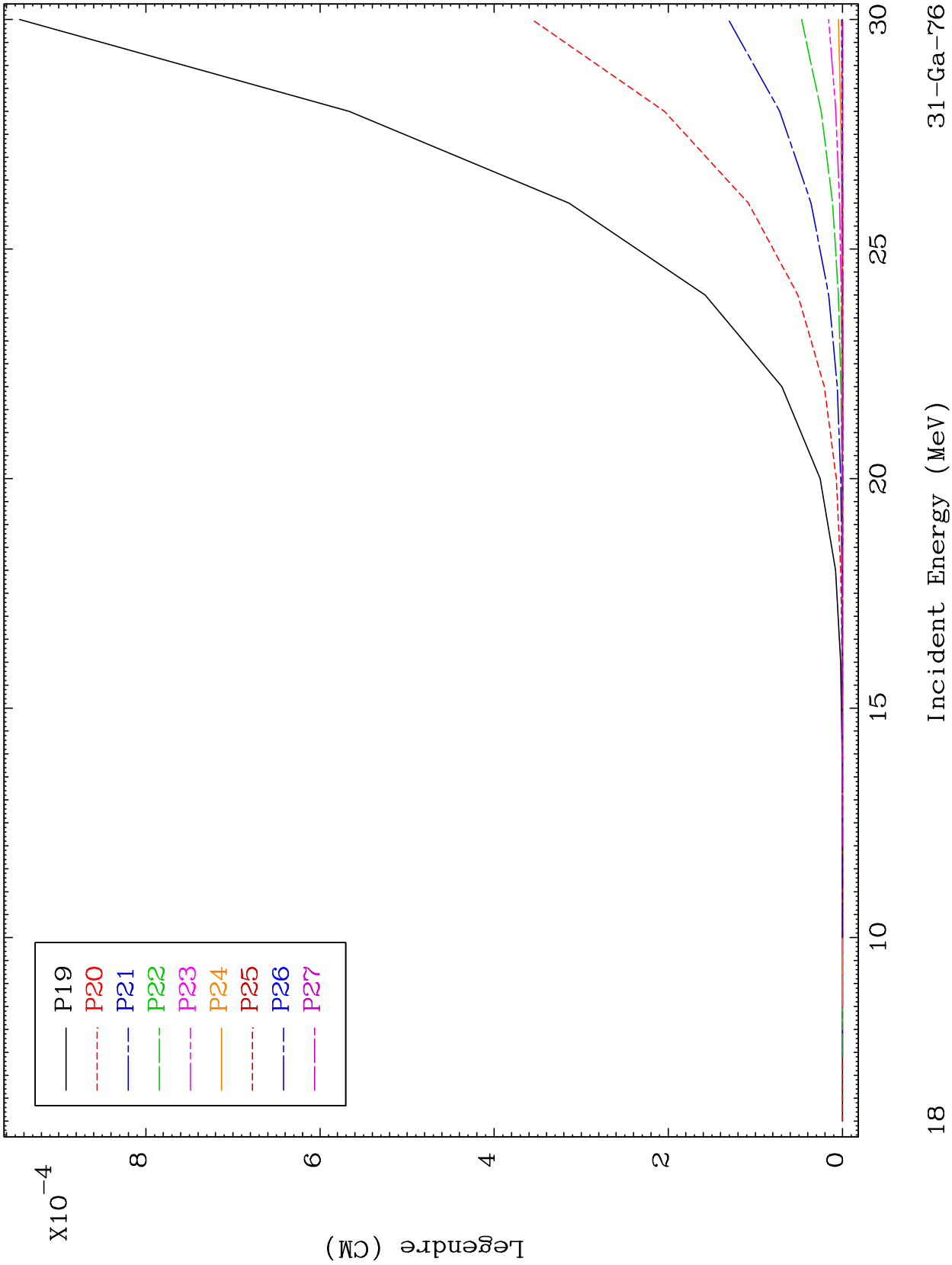
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31-Ga-76

MAT 3146

Elastic Legendre Coefficients

31-Ga-76



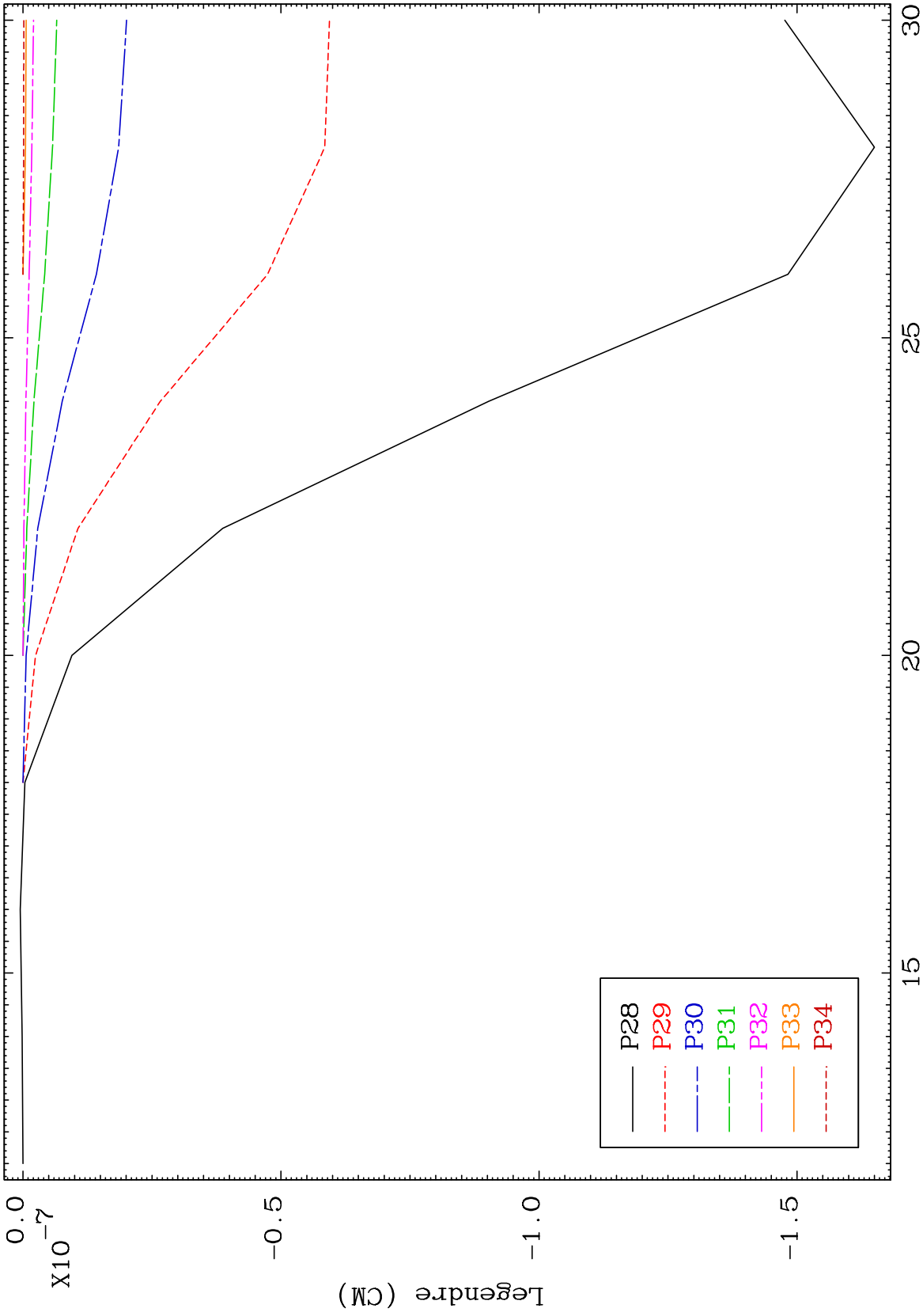
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31-Ga-76

MAT 3146

31-Ga-76

Elastic Legendre Coefficients

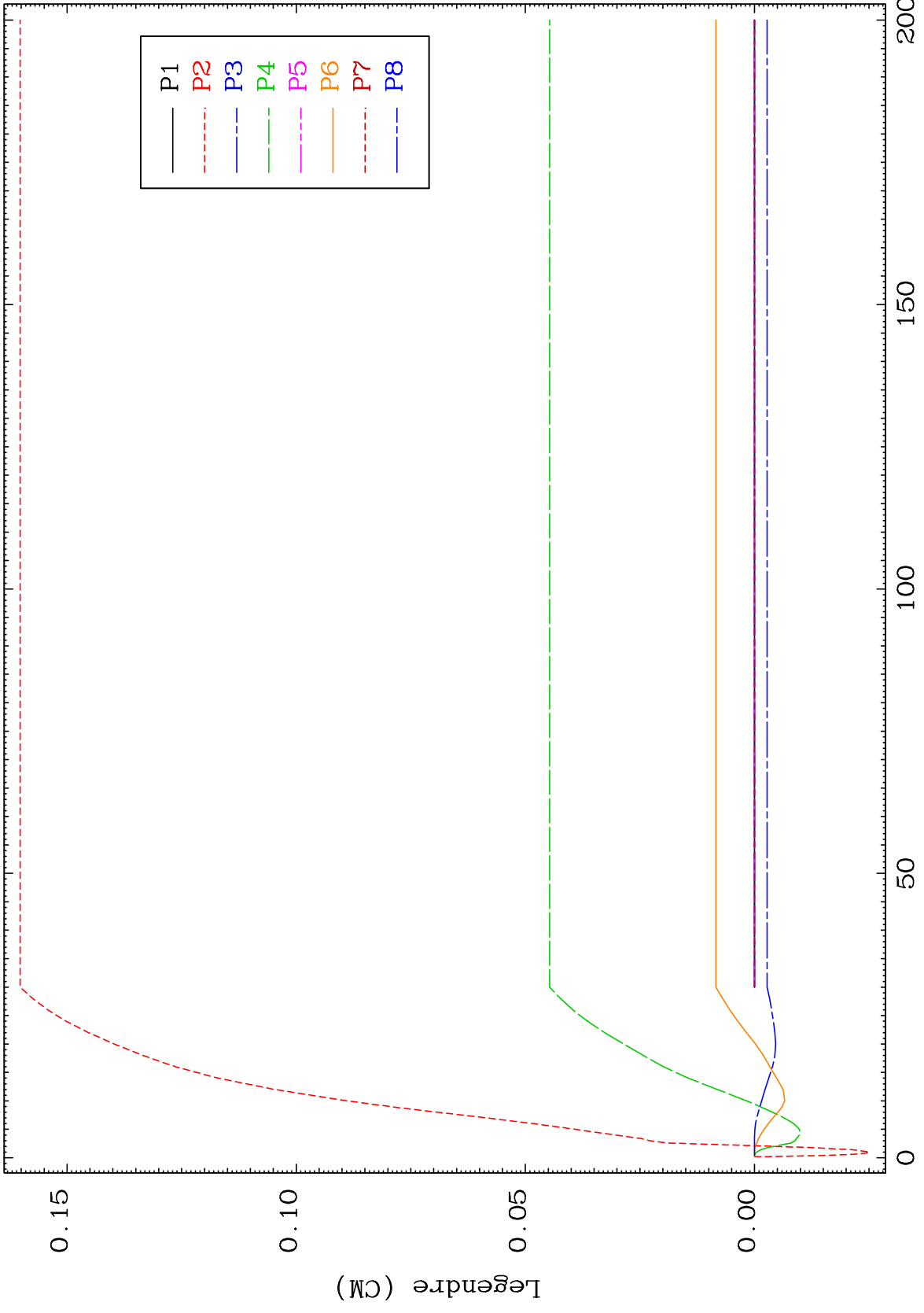


19

Incident Energy (MeV)

31-Ga-76

MAT 3146 MT= 51 (n,n') Level Legendre Coefficients 31-Ga-76

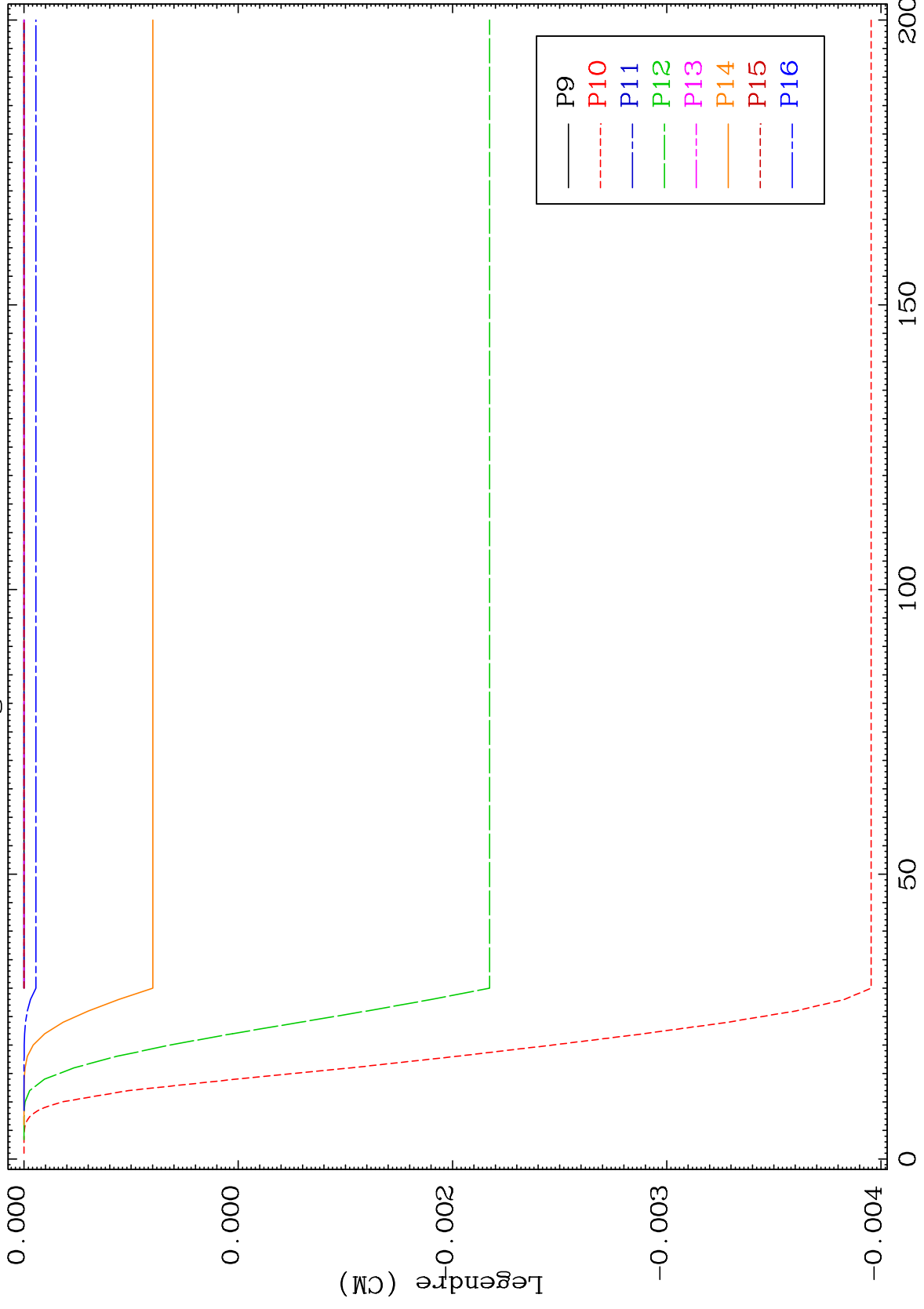


Legendre (CM) Incident Energy (MeV) 31-Ga-76

MAT 3146

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

31-Ga-76



31-Ga-76

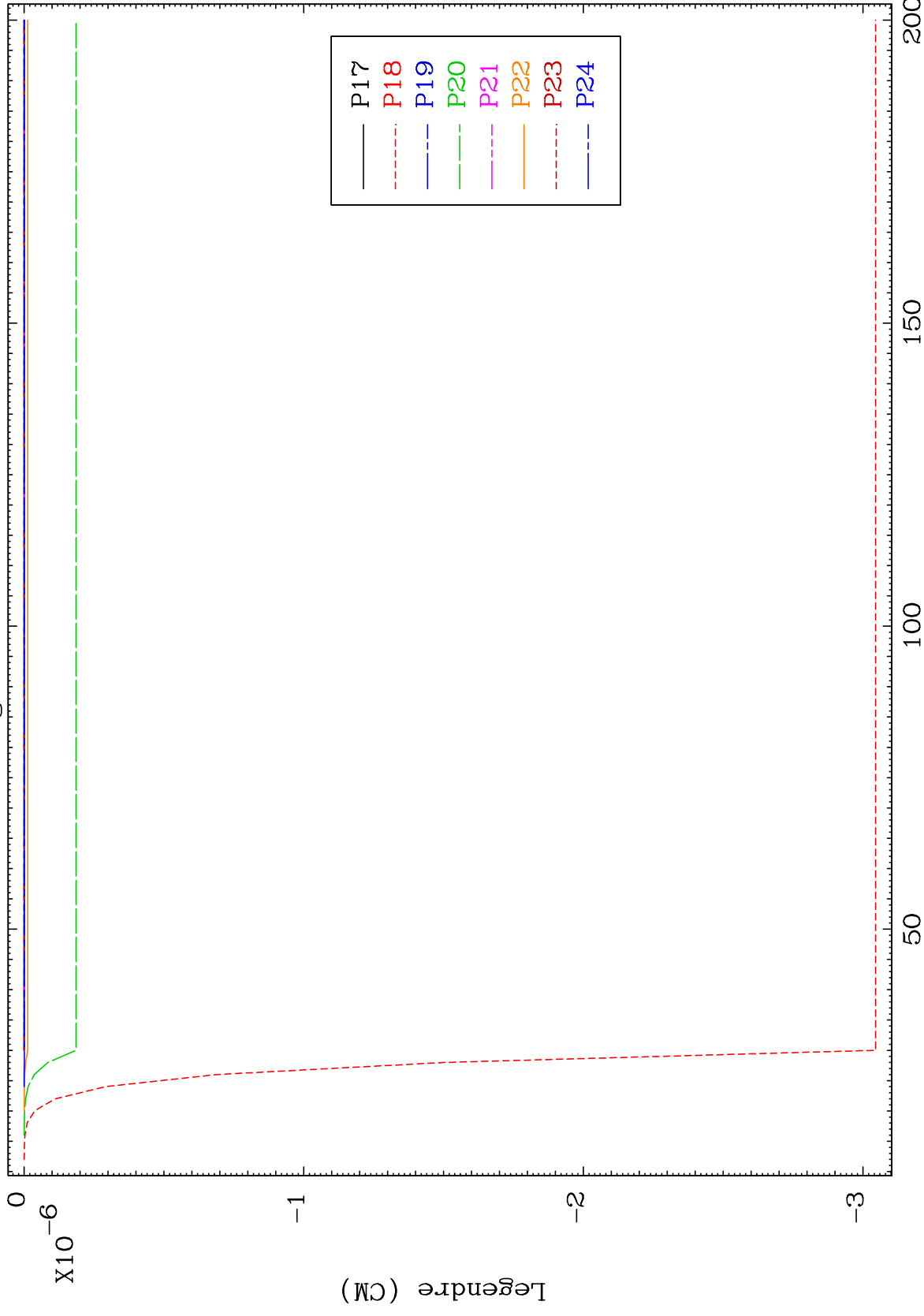
Incident Energy (MeV)

21

MAT 3146

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

31-Ga-76

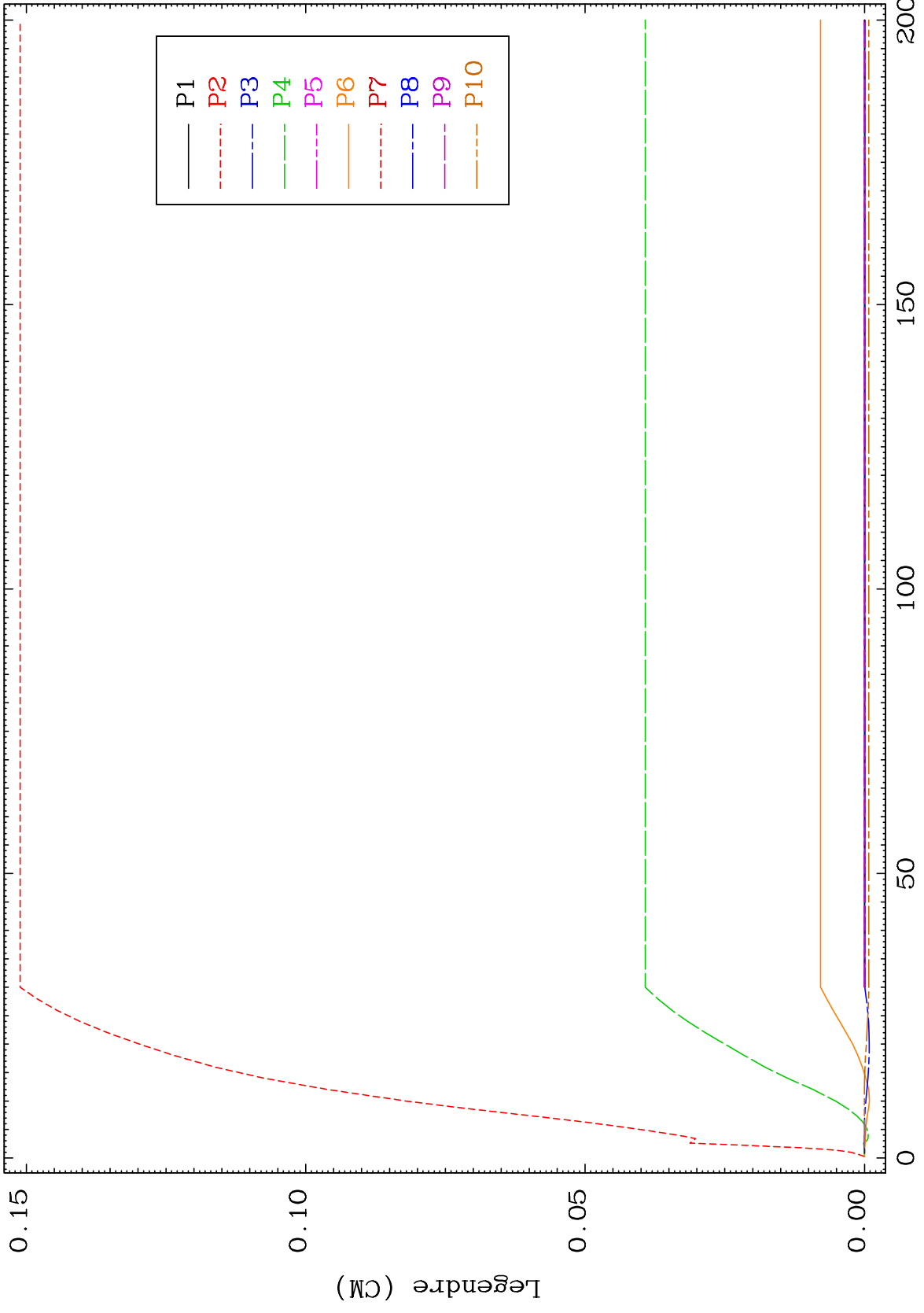


31-Ga-76

Incident Energy (MeV)

22

MAT 3146 MT= 52 (n,n') Level Legendre Coefficients 31-Ga-76

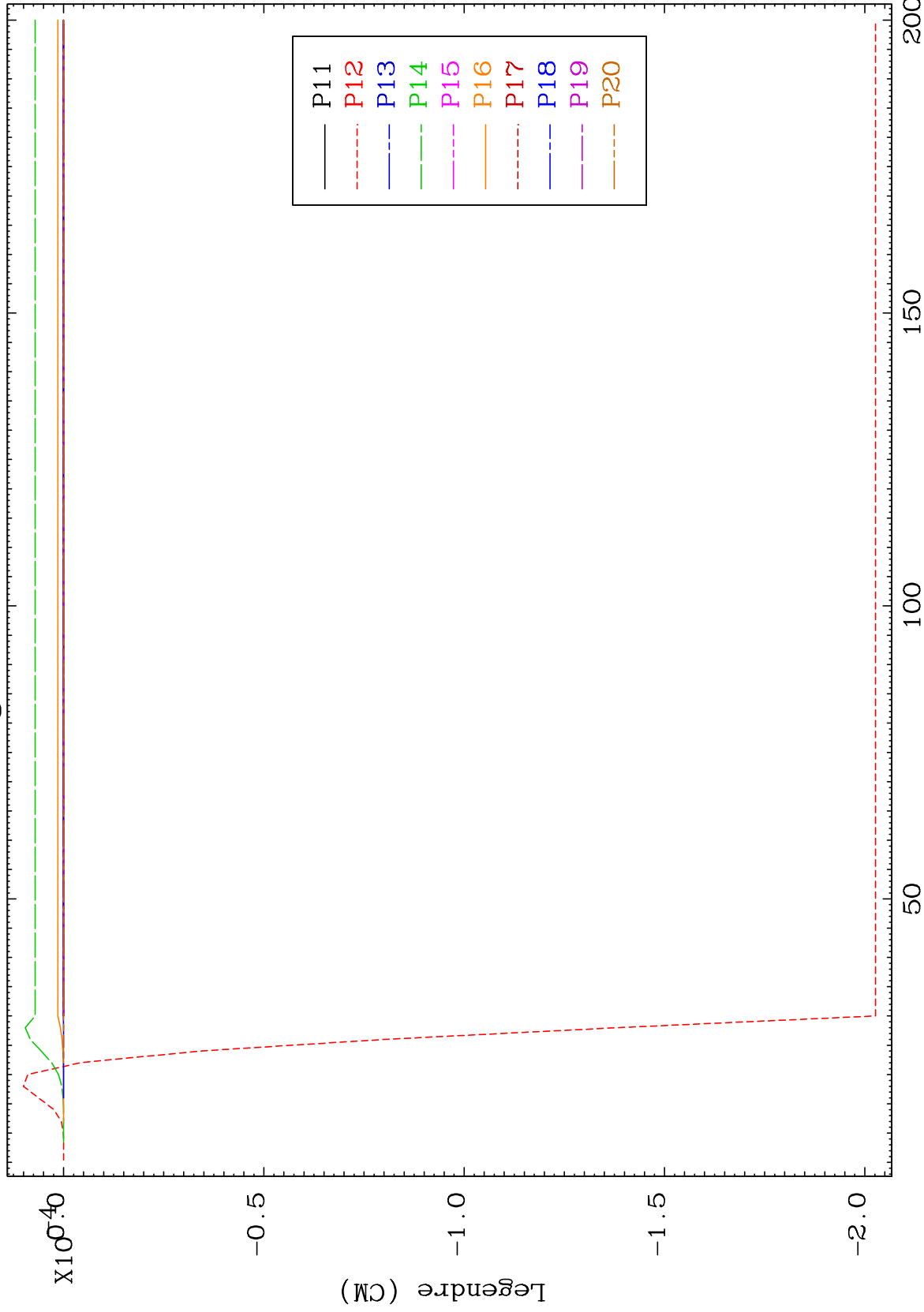


31-Ga-76

MAT 3146

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

31-Ga-76

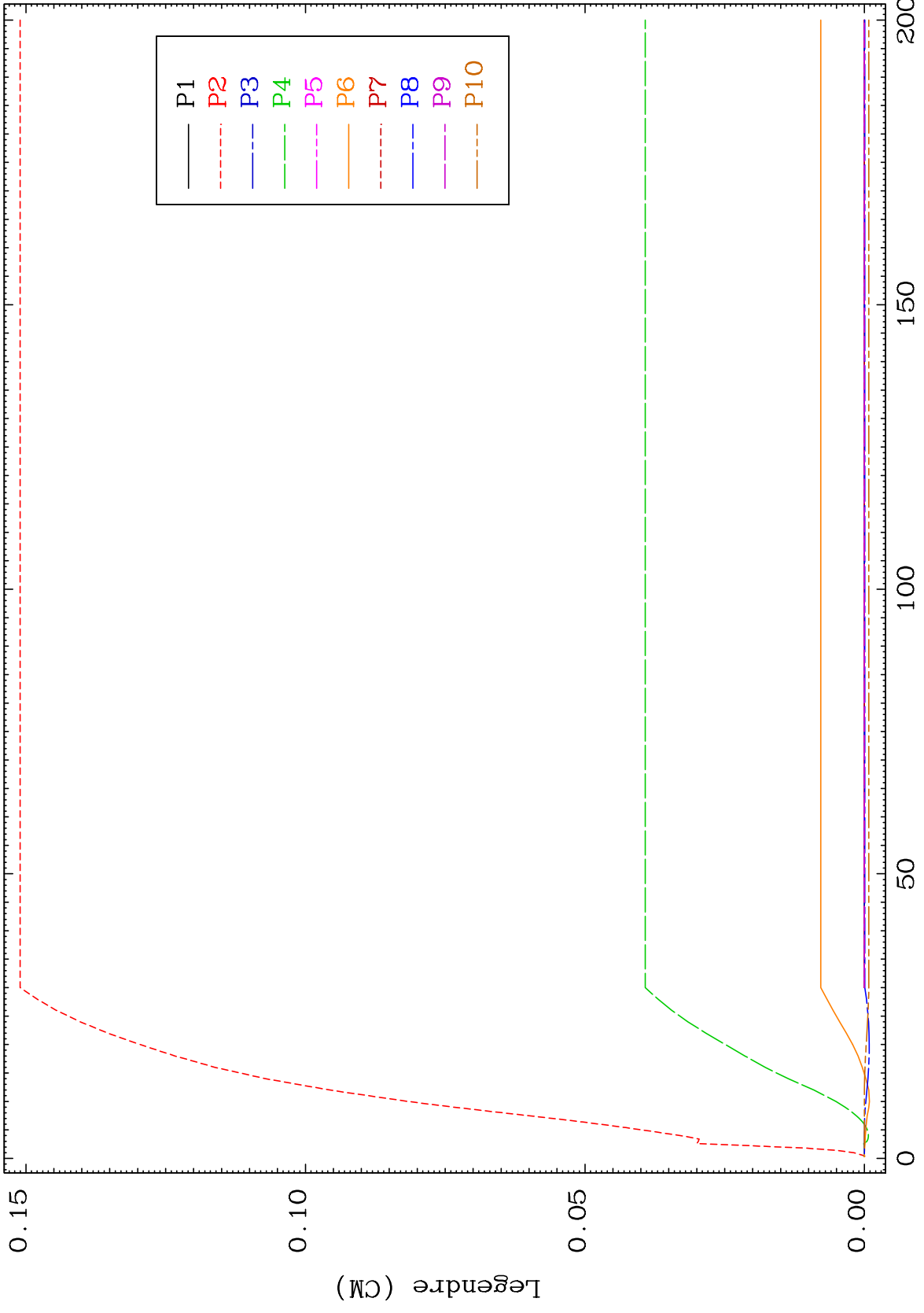


24

Incident Energy (MeV)

31-Ga-76

MAT 3146 MT= 53 (n,n') Level Legendre Coefficients 31-Ga-76

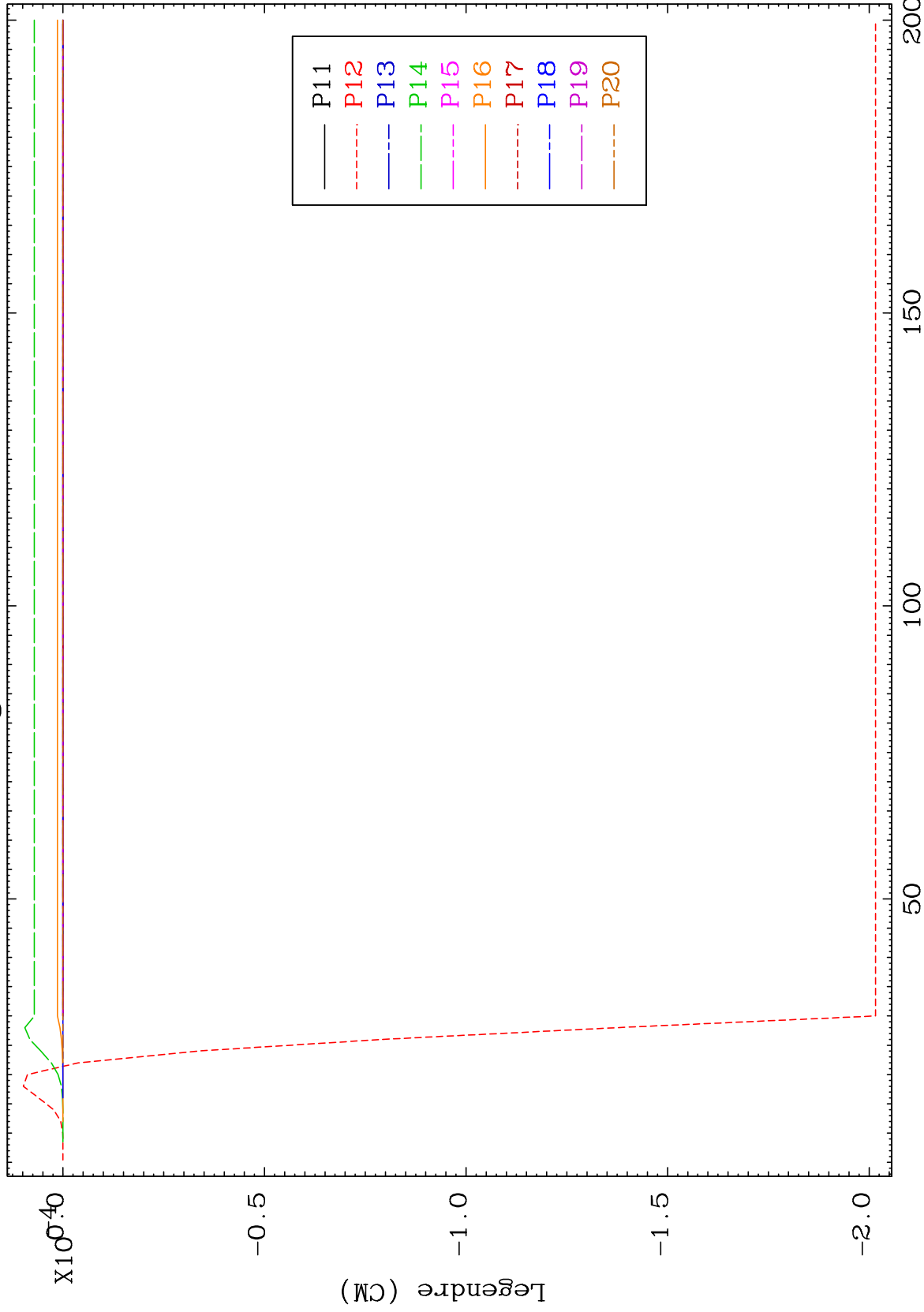


31-Ga-76

MAT 3146

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

31-Ga-76



26

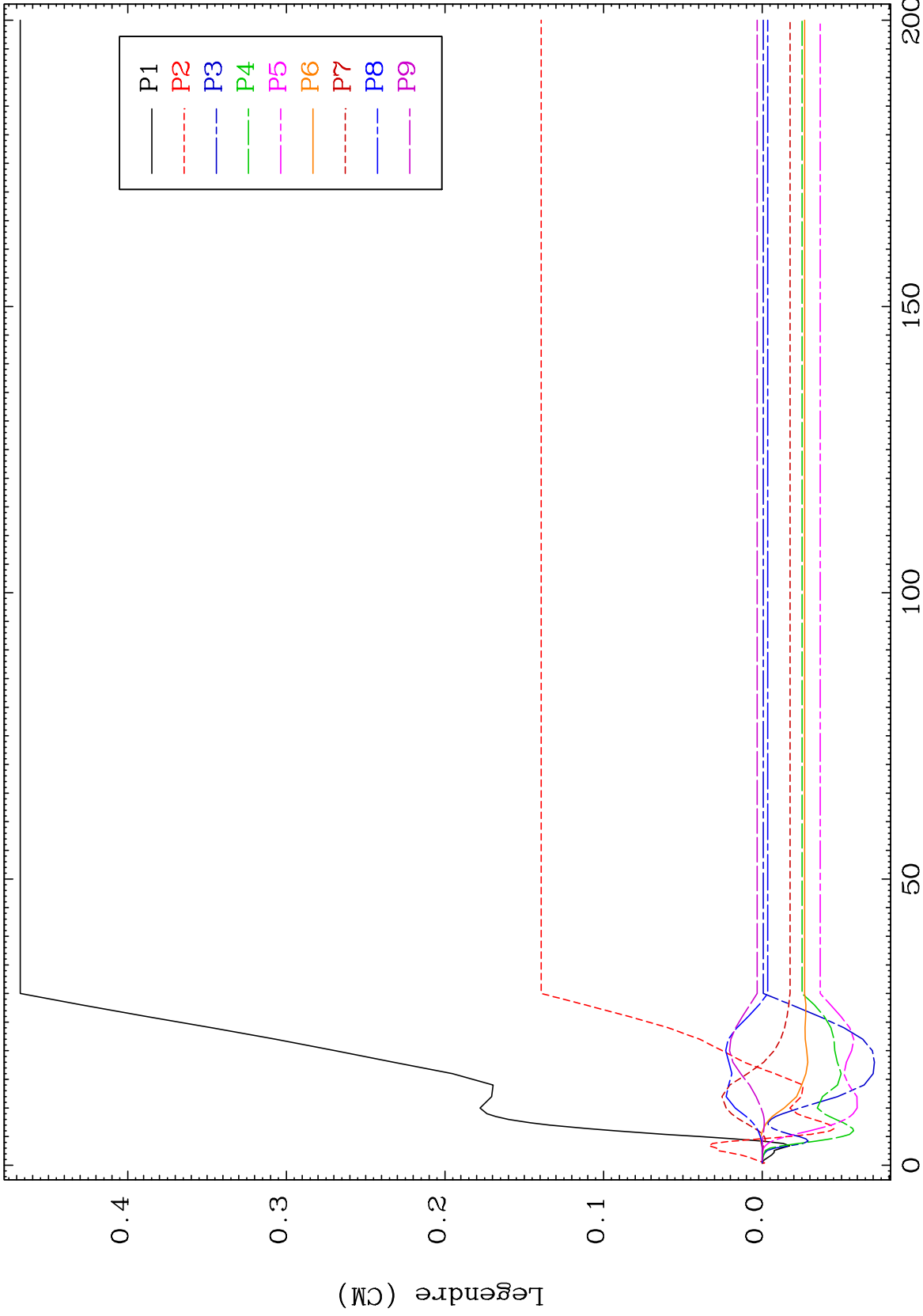
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



27

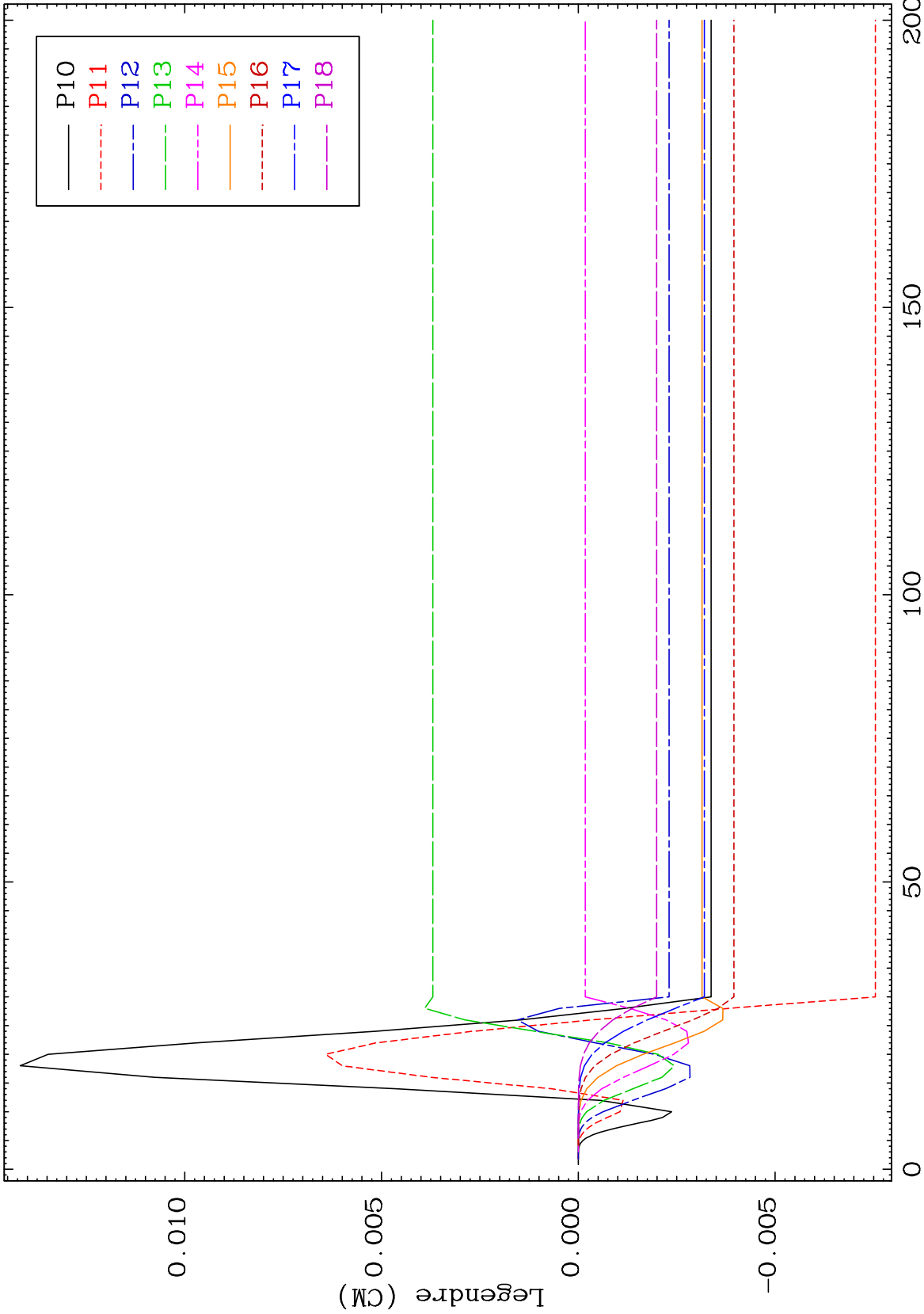
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

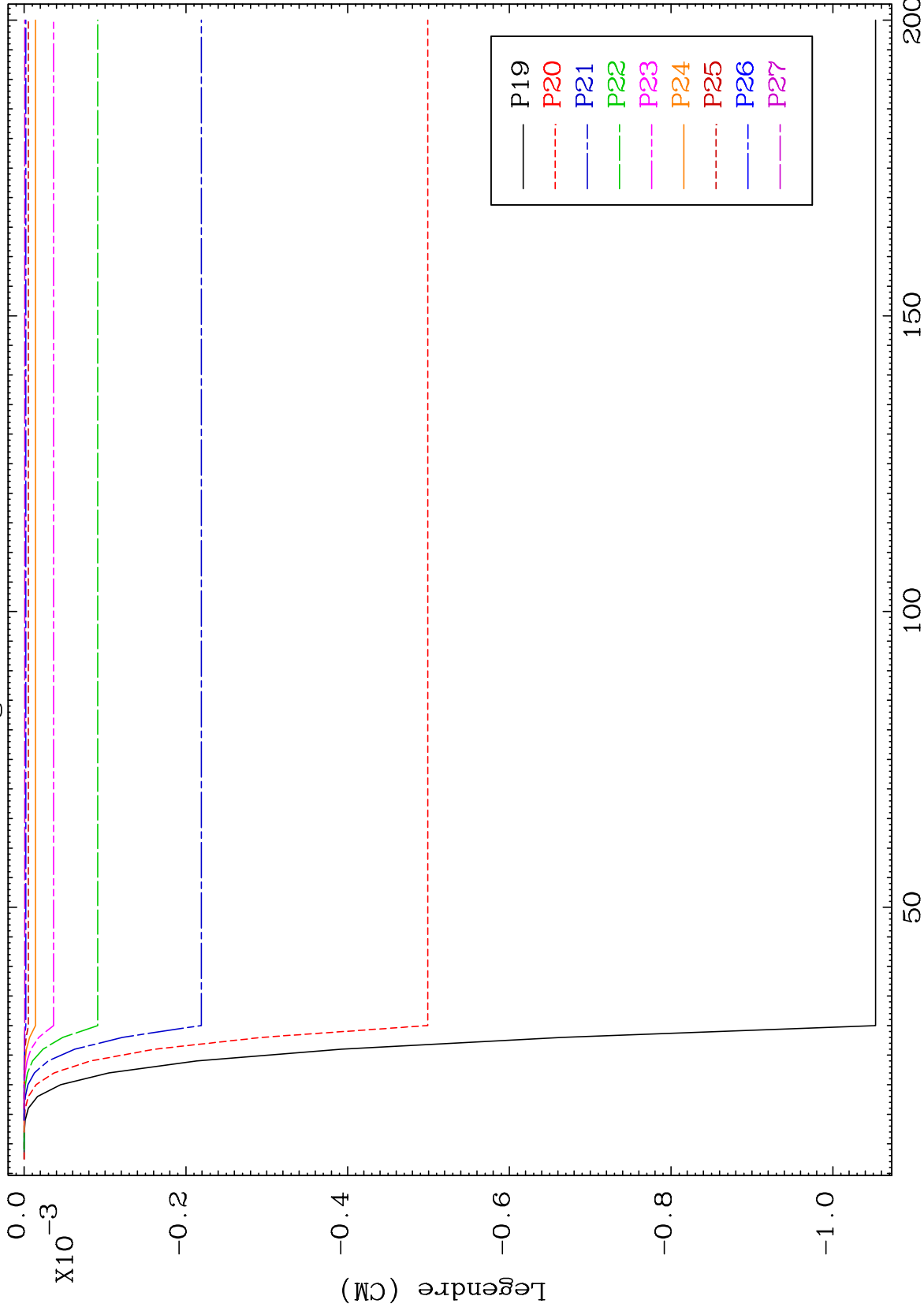
31-Ga-76



28

Incident Energy (MeV)

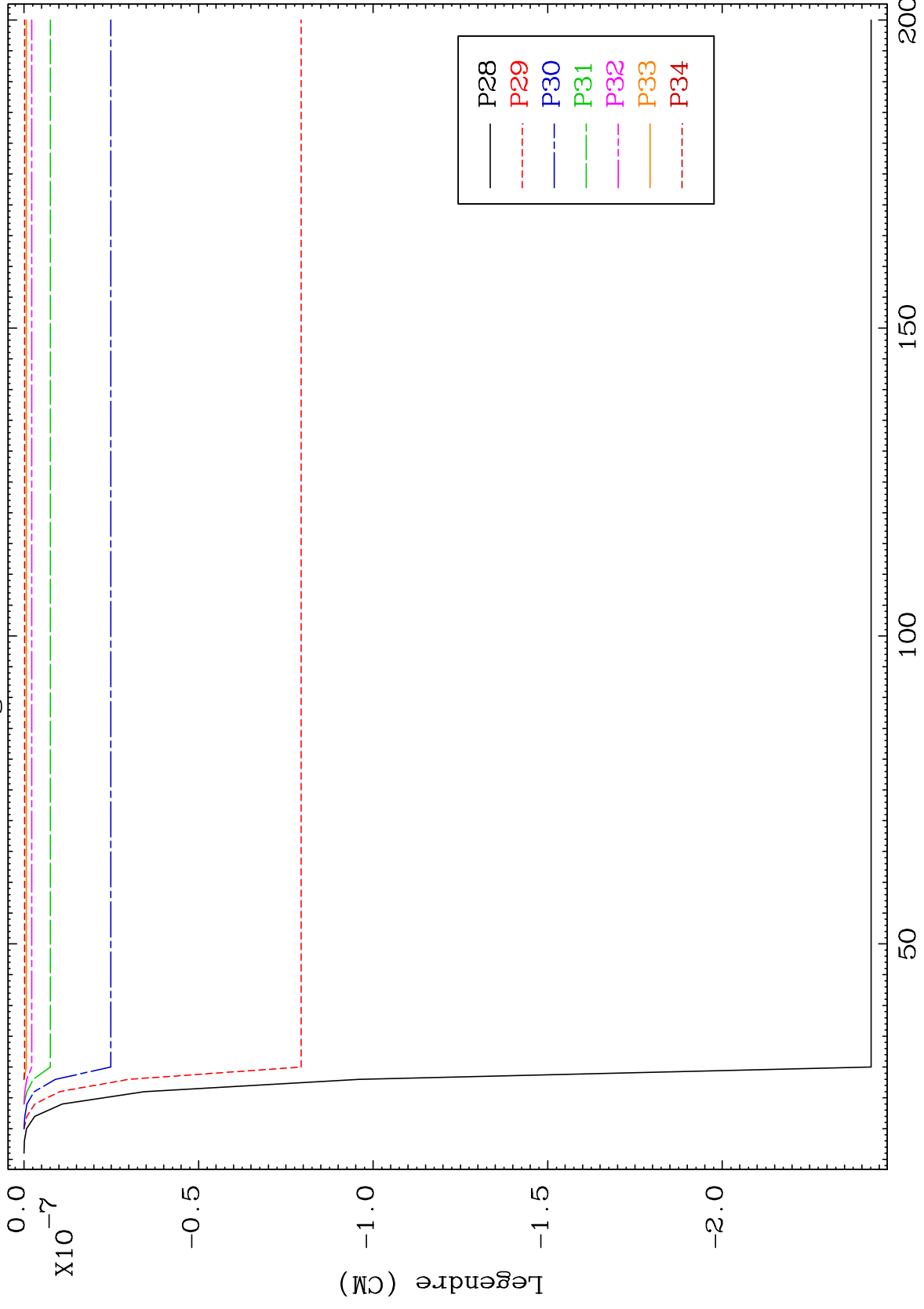
31-Ga-76



MAT 3146

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

31-Ga-76



31-Ga-76

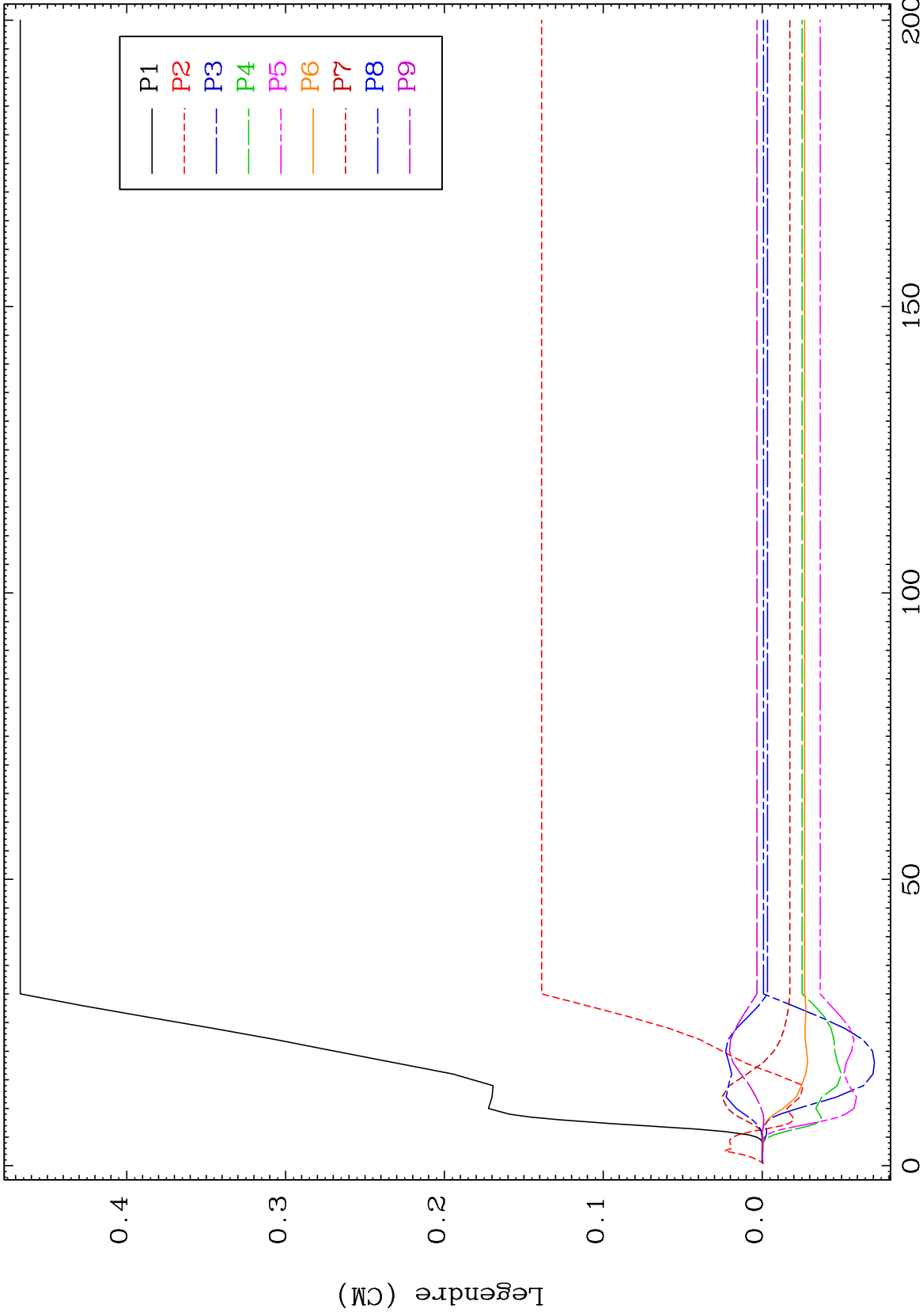
Incident Energy (MeV)

30

MAT 3146

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

31-Ga-76



31

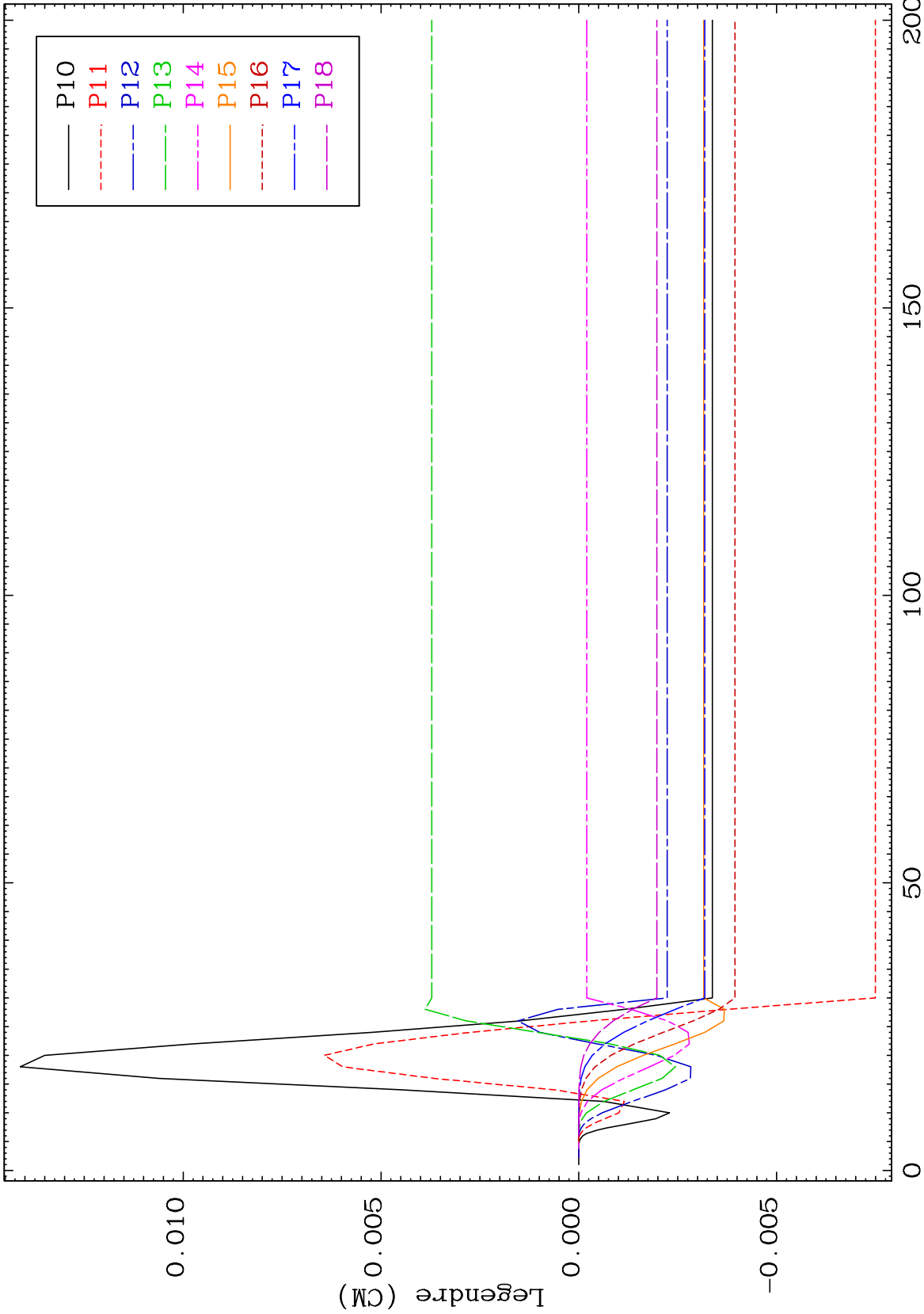
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

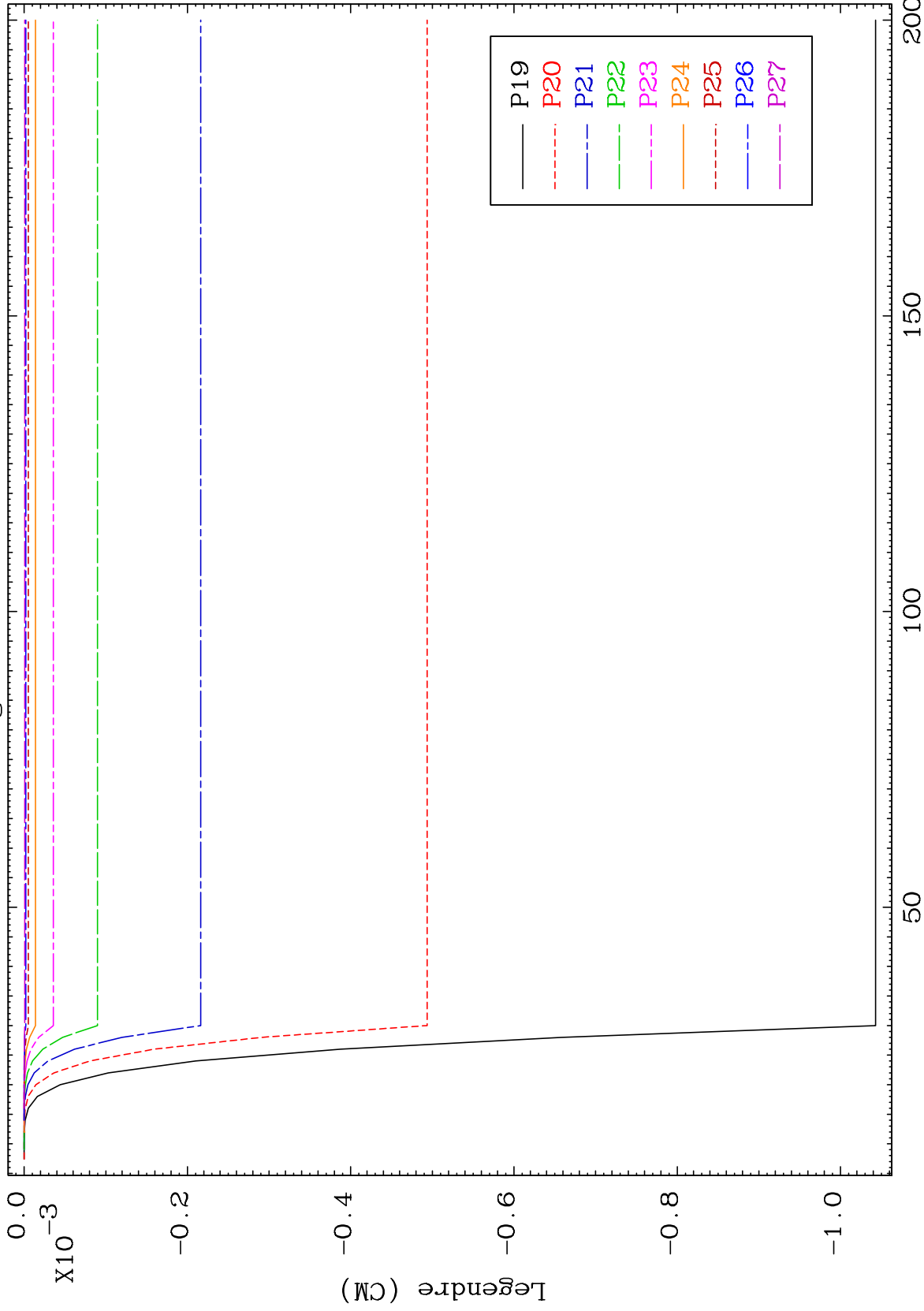
31-Ga-76



32

Incident Energy (MeV)

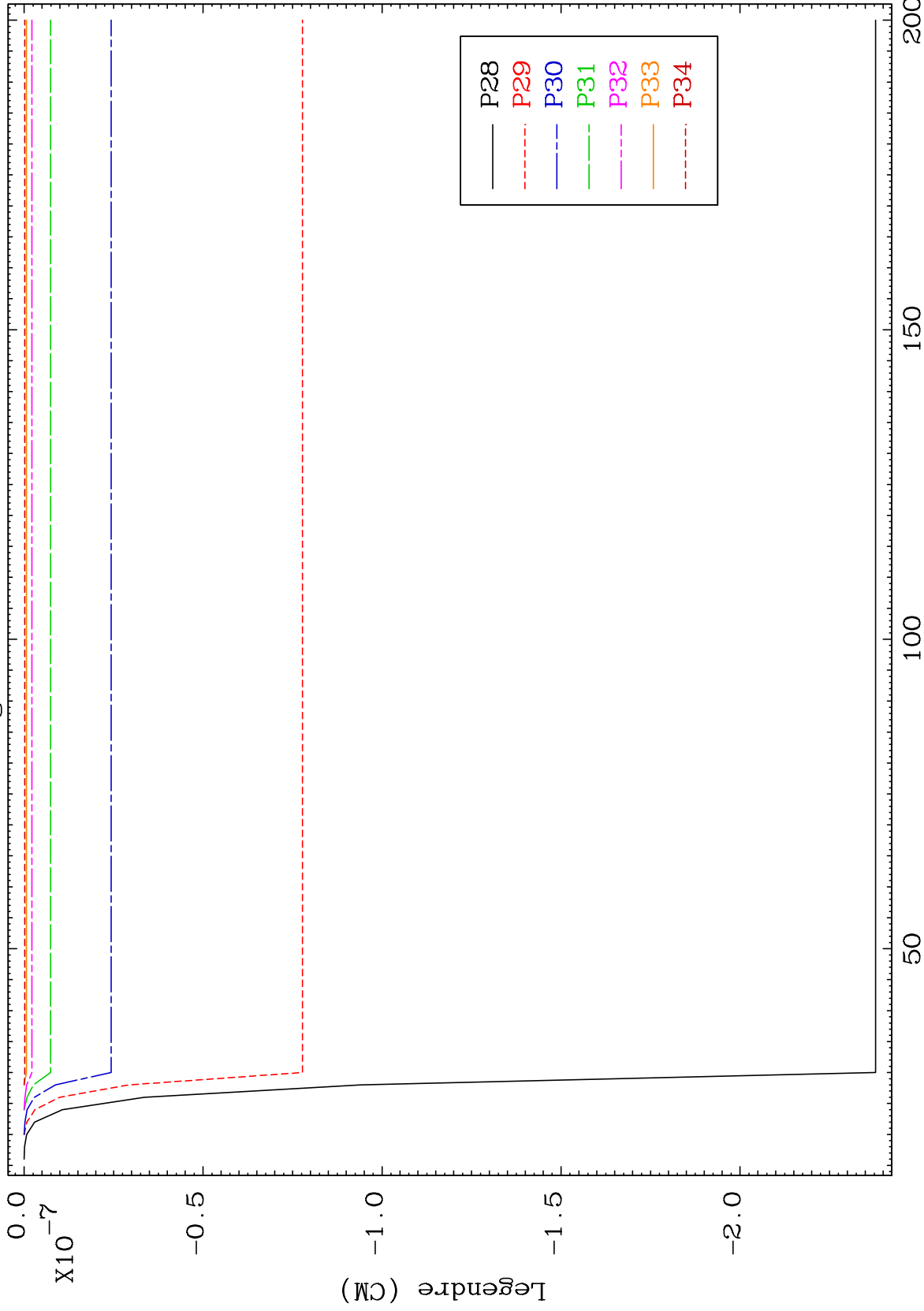
31-Ga-76



MAT 3146

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

31-Ga-76

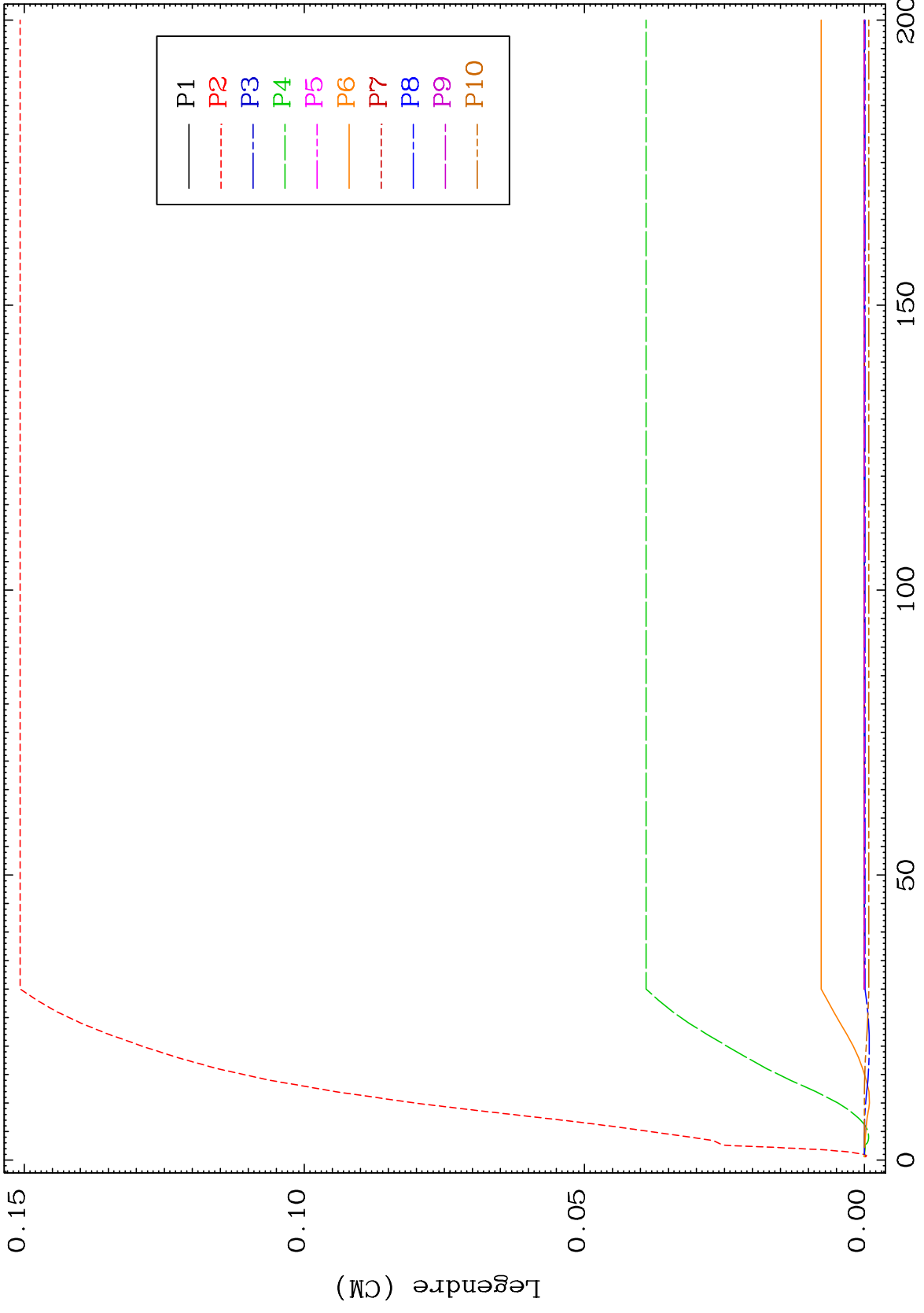


31-Ga-76

Incident Energy (MeV)

34

MAT 3146 MT= 56 (n,n') Level Legendre Coefficients 31-Ga-76

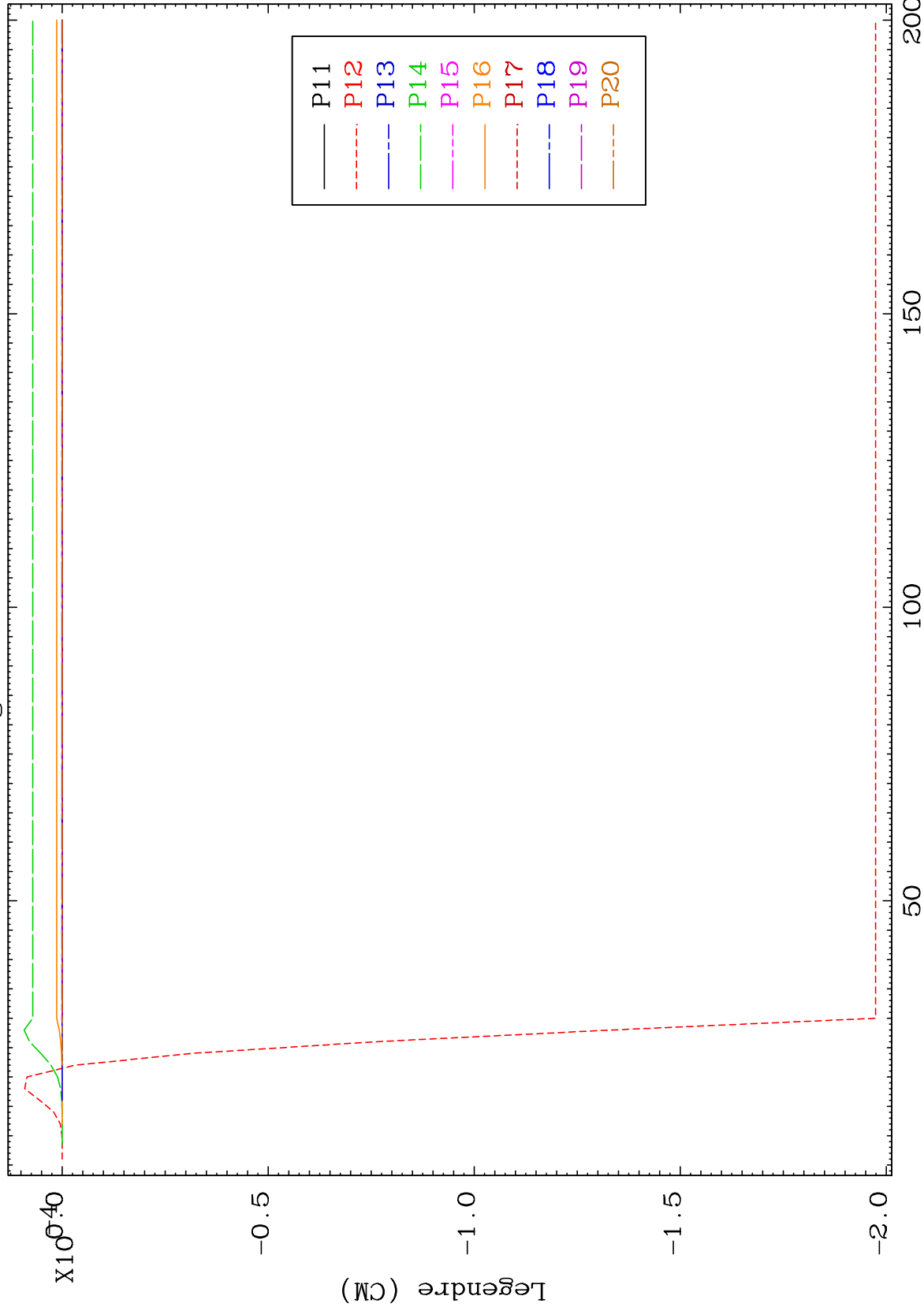


31-Ga-76

MAT 3146

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

31-Ga-76



36

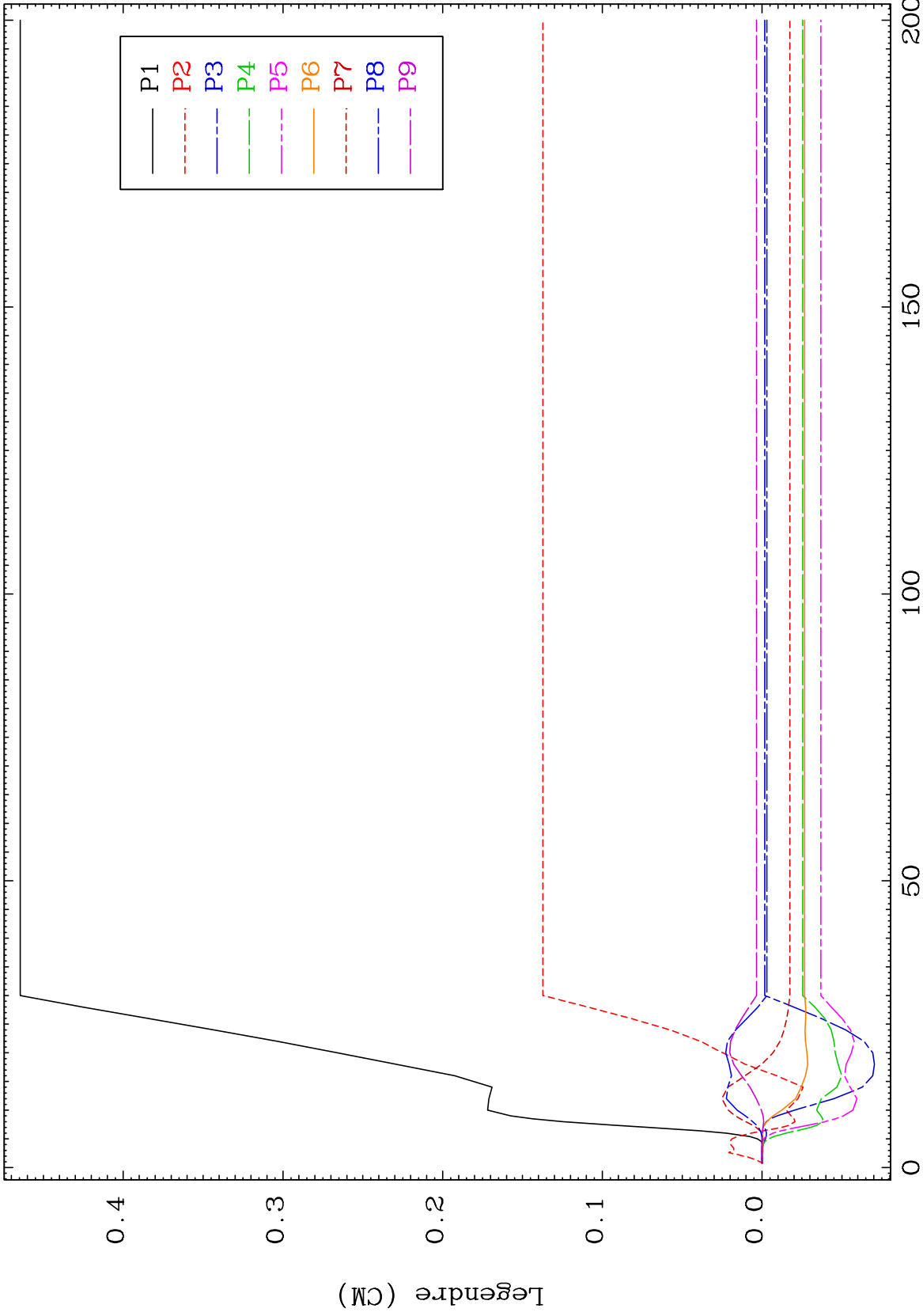
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



37

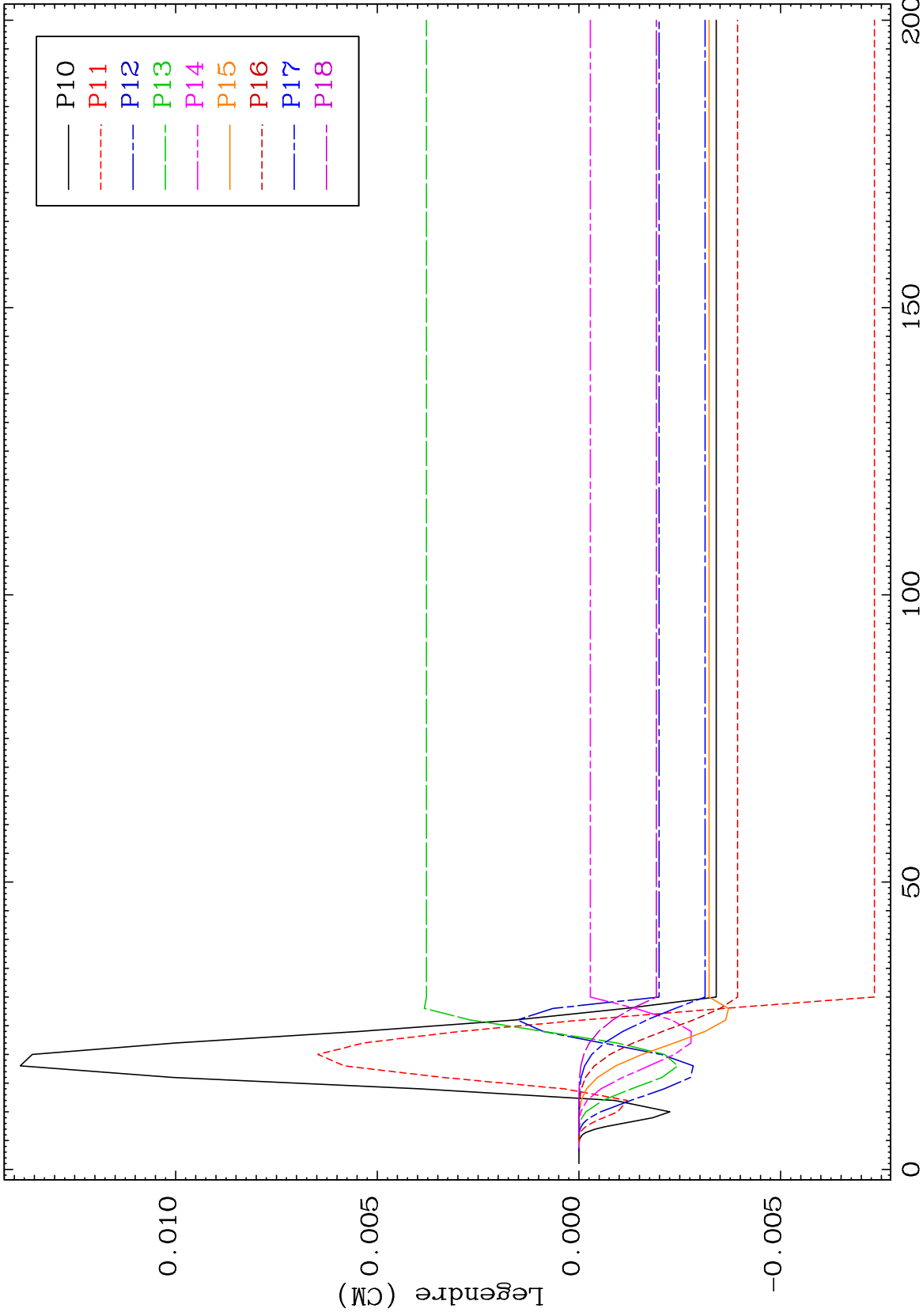
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76

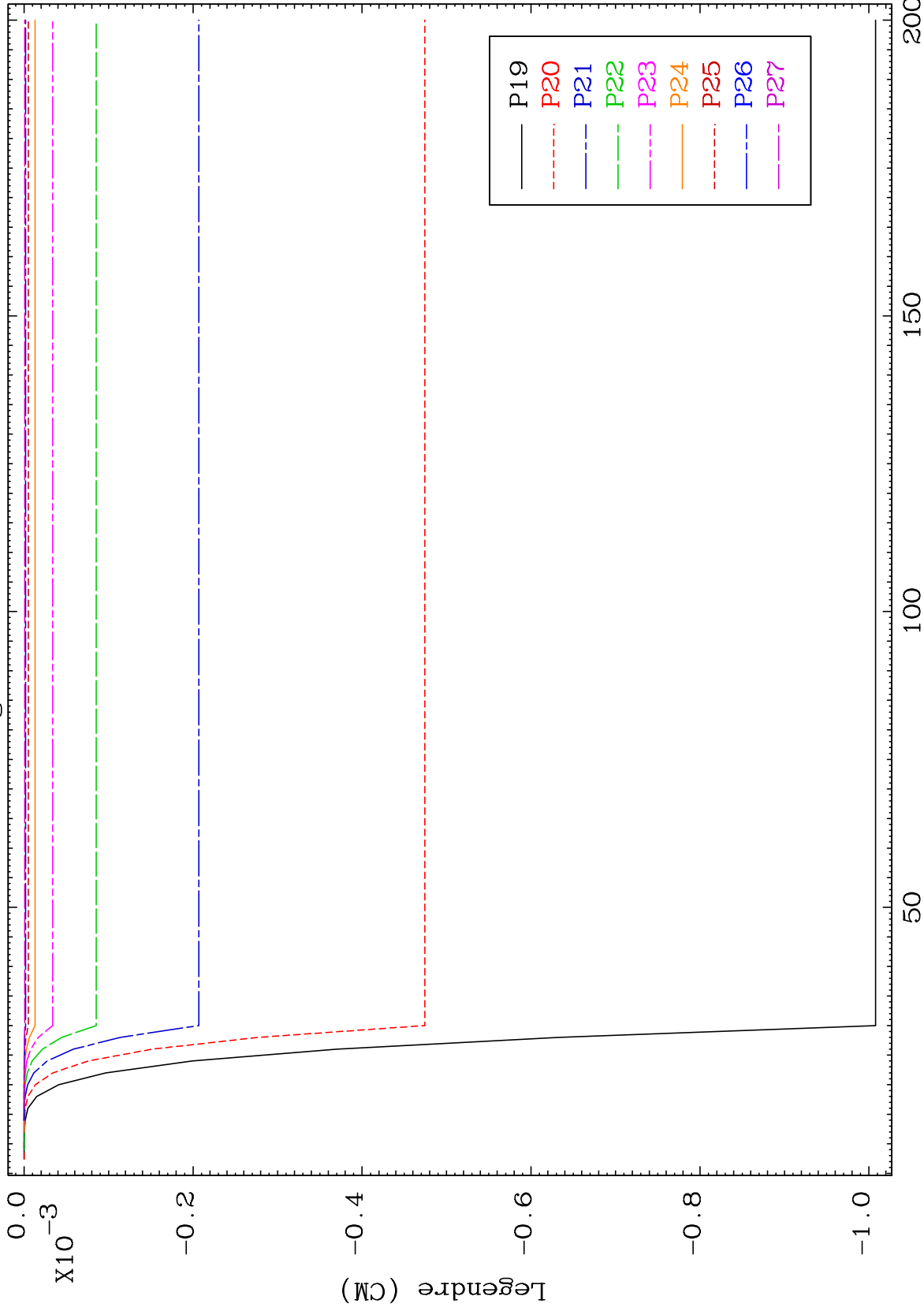


38

Incident Energy (MeV)

31-Ga-76

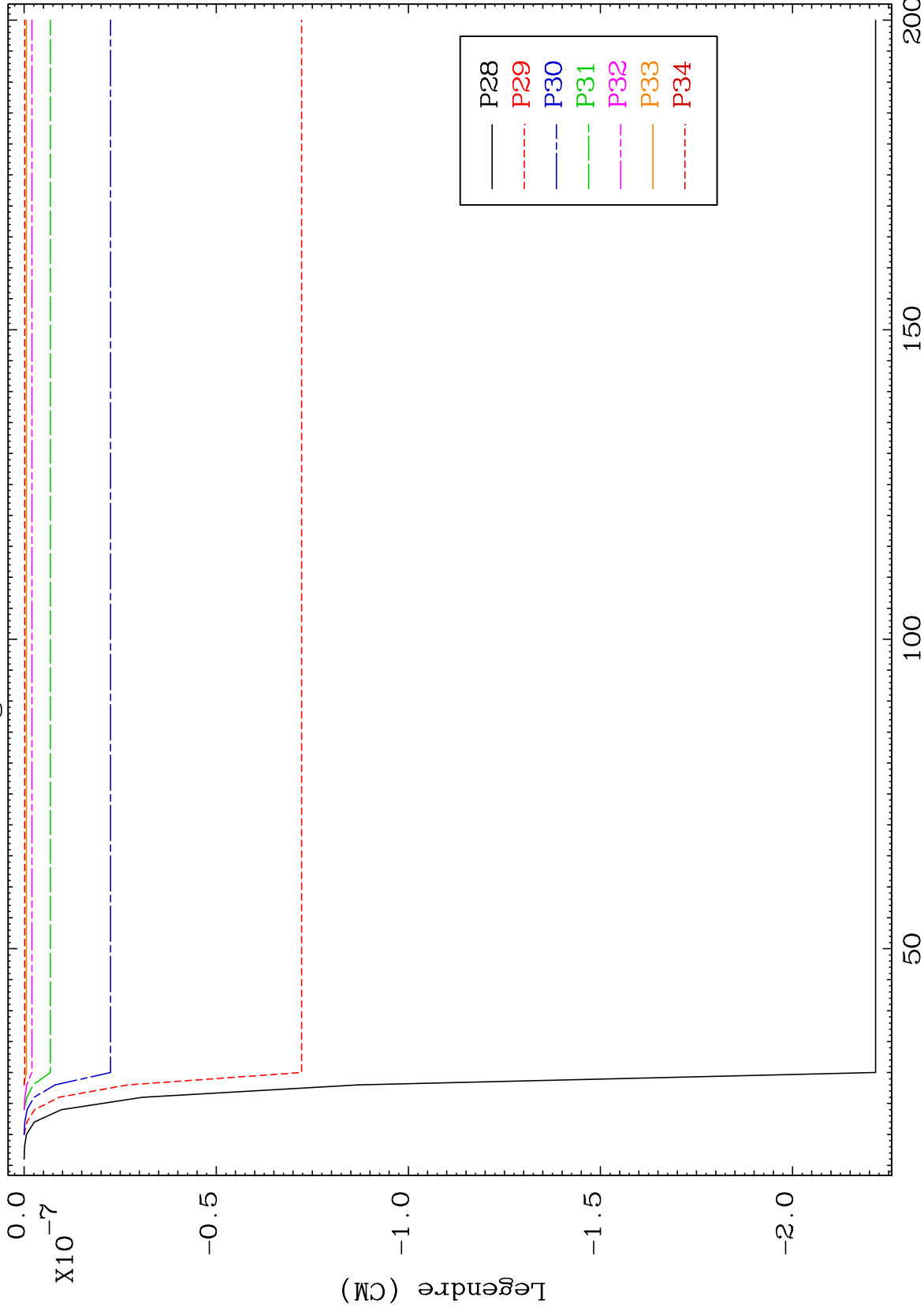
MAT 3146 MT= 57 (n,n') Level Legendre Coefficients



MAT 3146

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

31-Ga-76



31-Ga-76

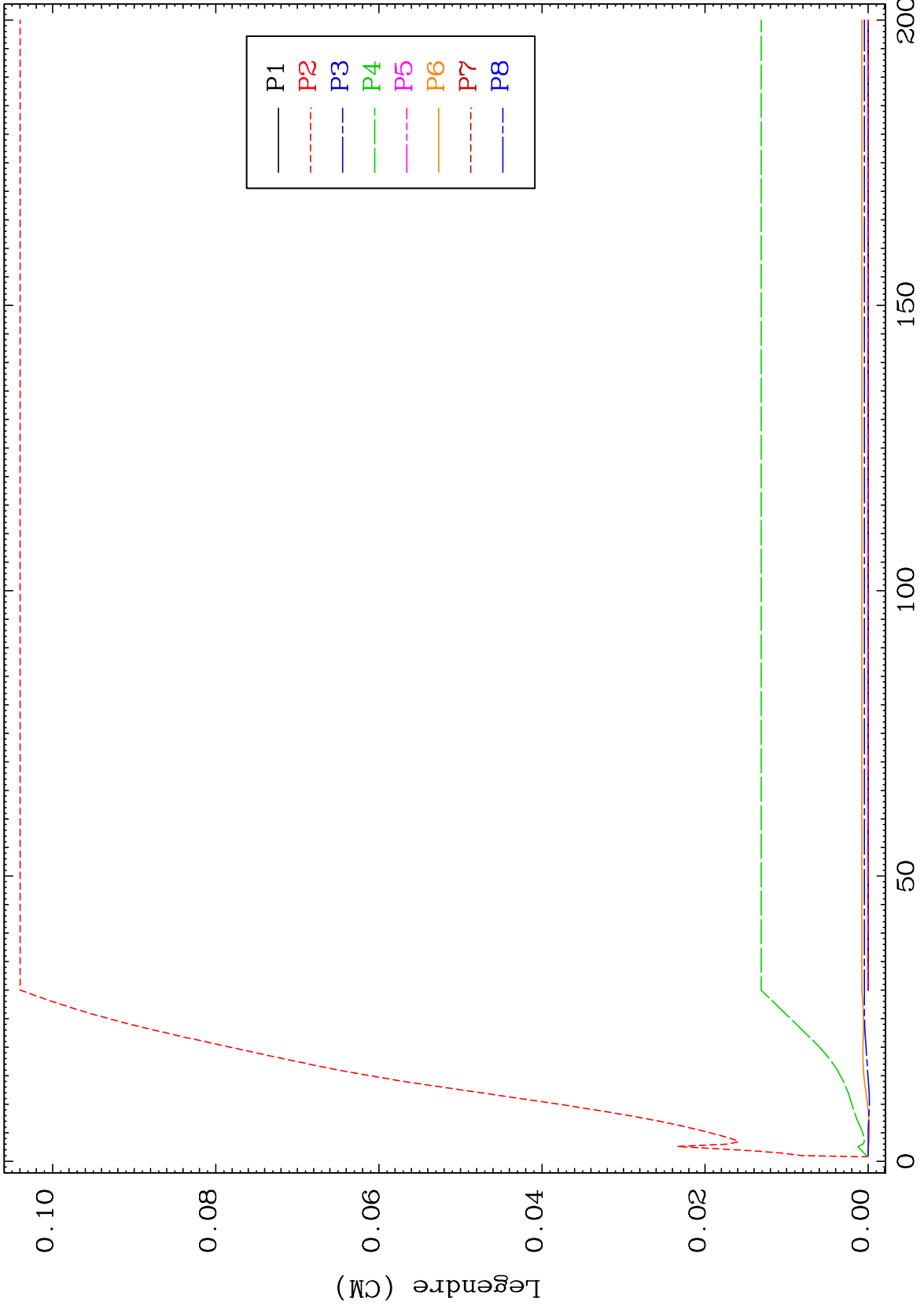
Incident Energy (MeV)

40

MAT 3146

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

31-Ga-76



41

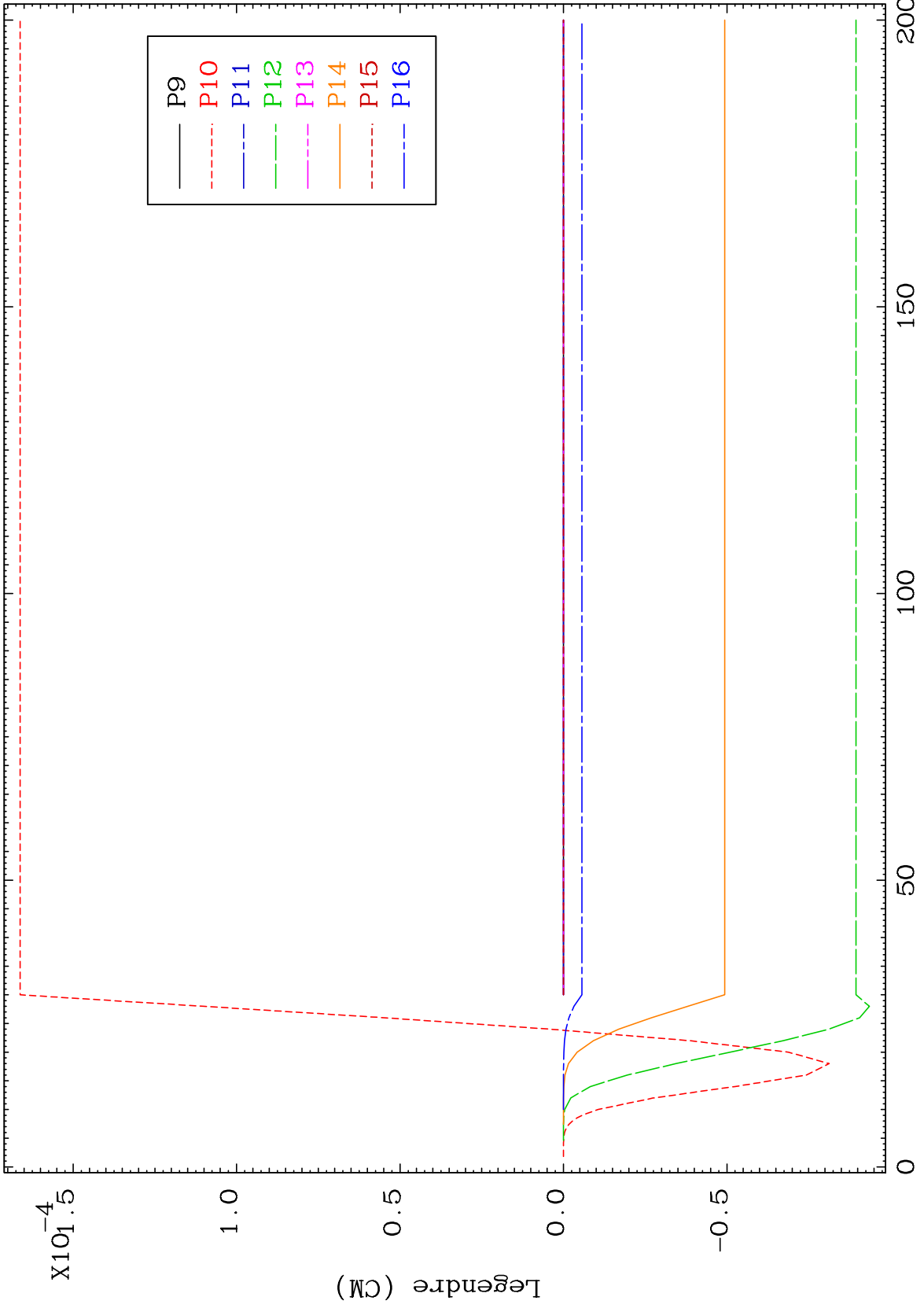
Incident Energy (MeV)

31-Ga-76

MAT 3146

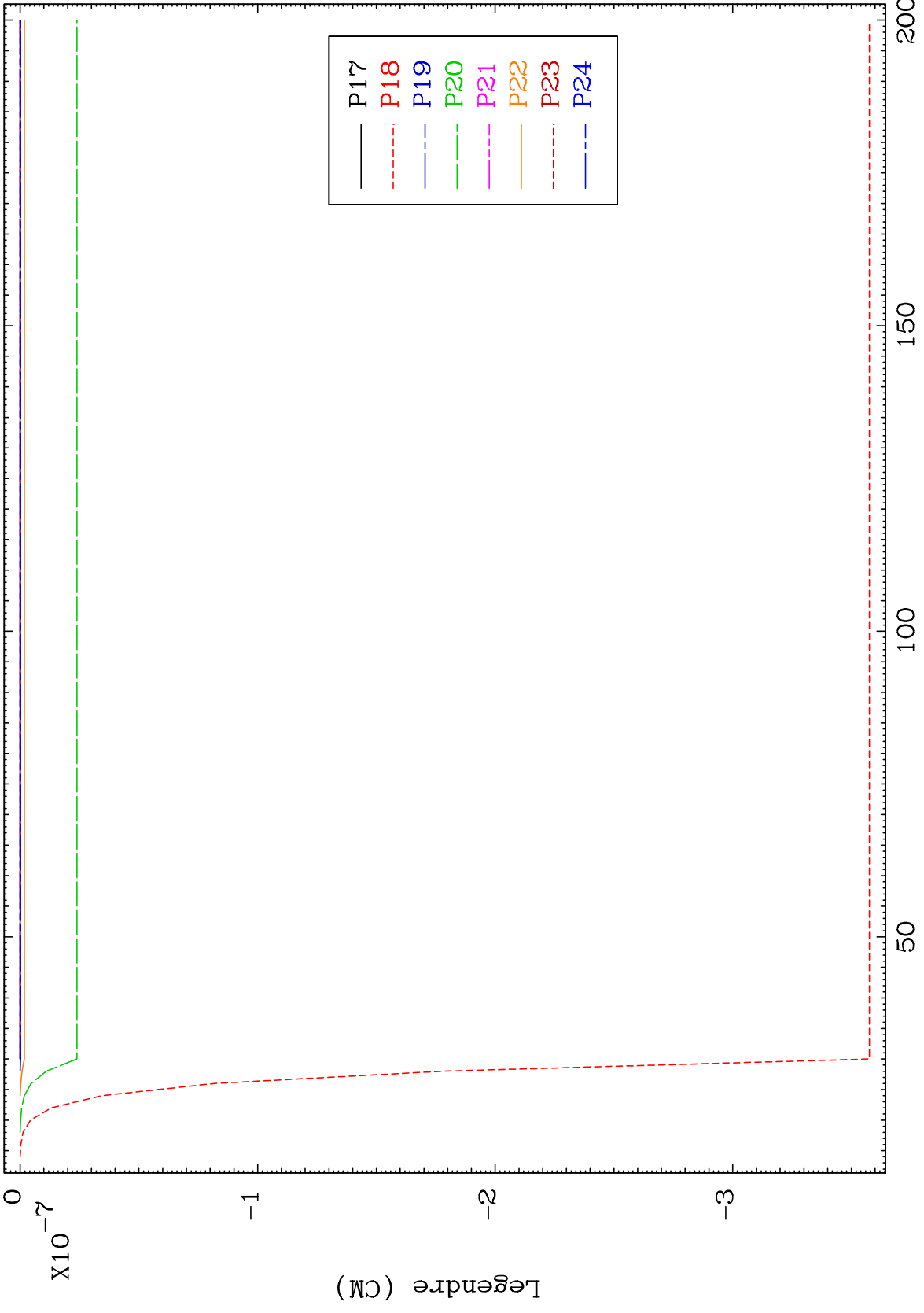
MT= 58 (n,n') Level
Legendre Coefficients

31-Ga-76

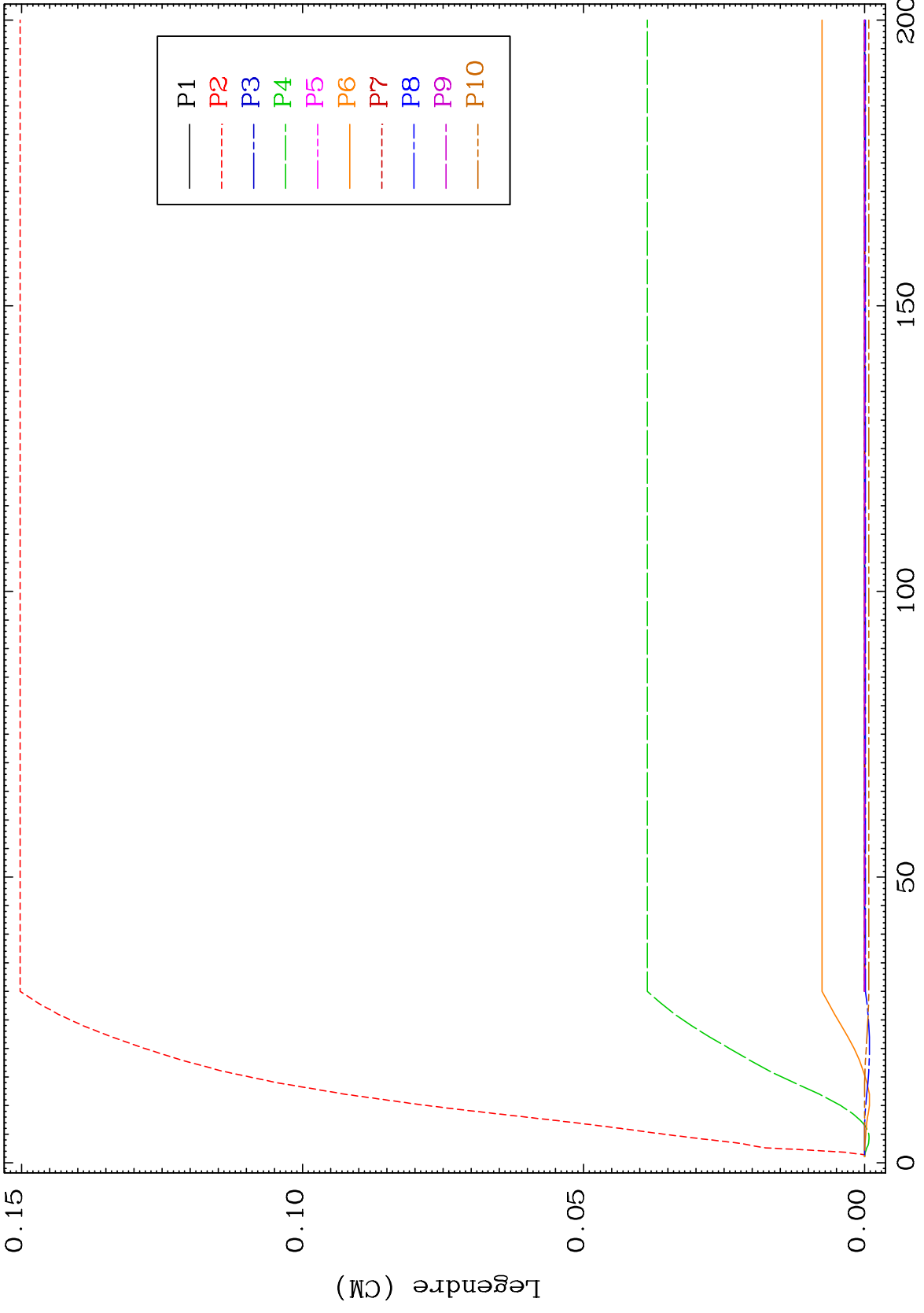


42

31-Ga-76



MAT 3146 MT= 59 (n,n') Level Legendre Coefficients 31-Ga-76

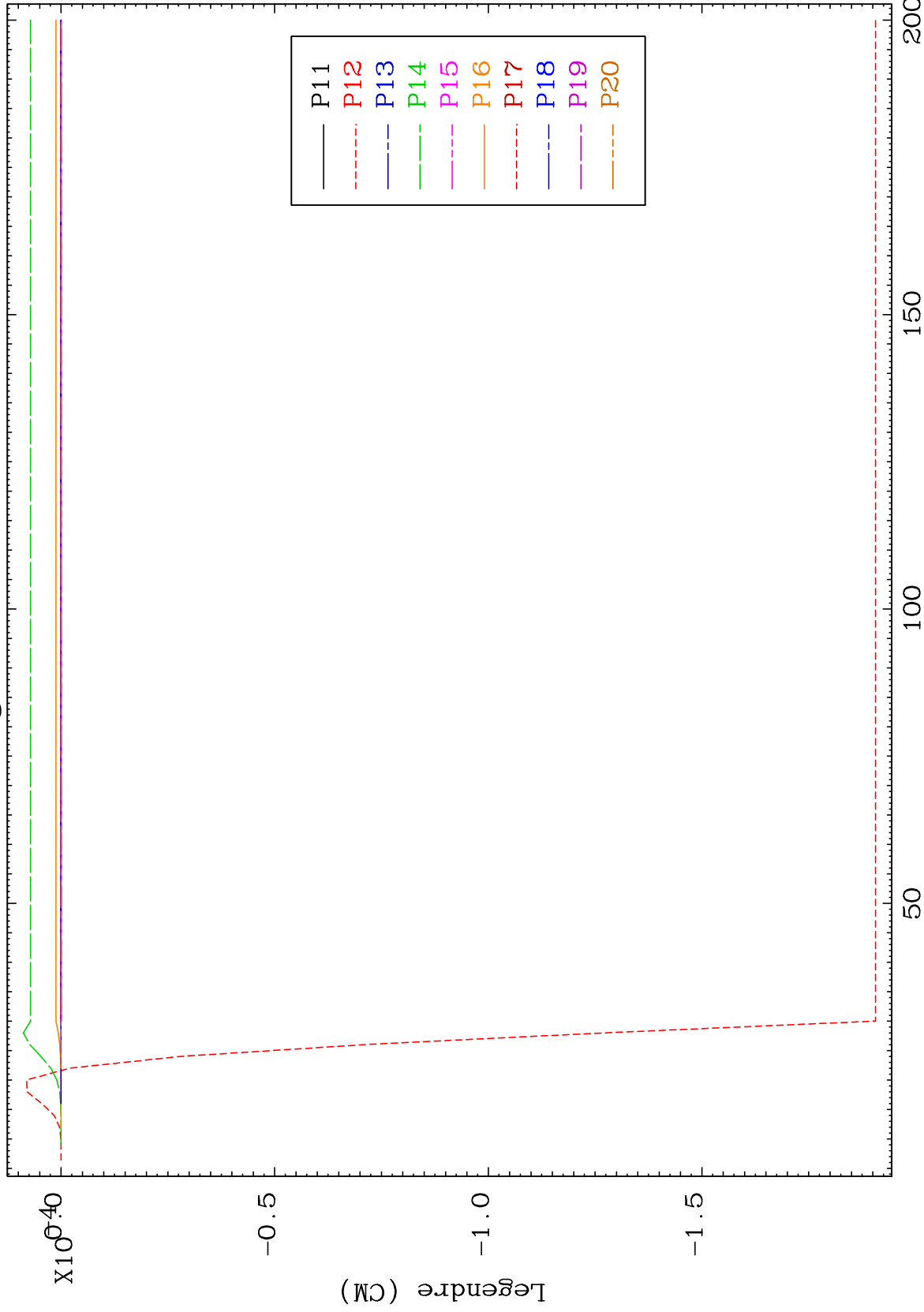


44 31-Ga-76

MAT 3146

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

31-Ga-76



45

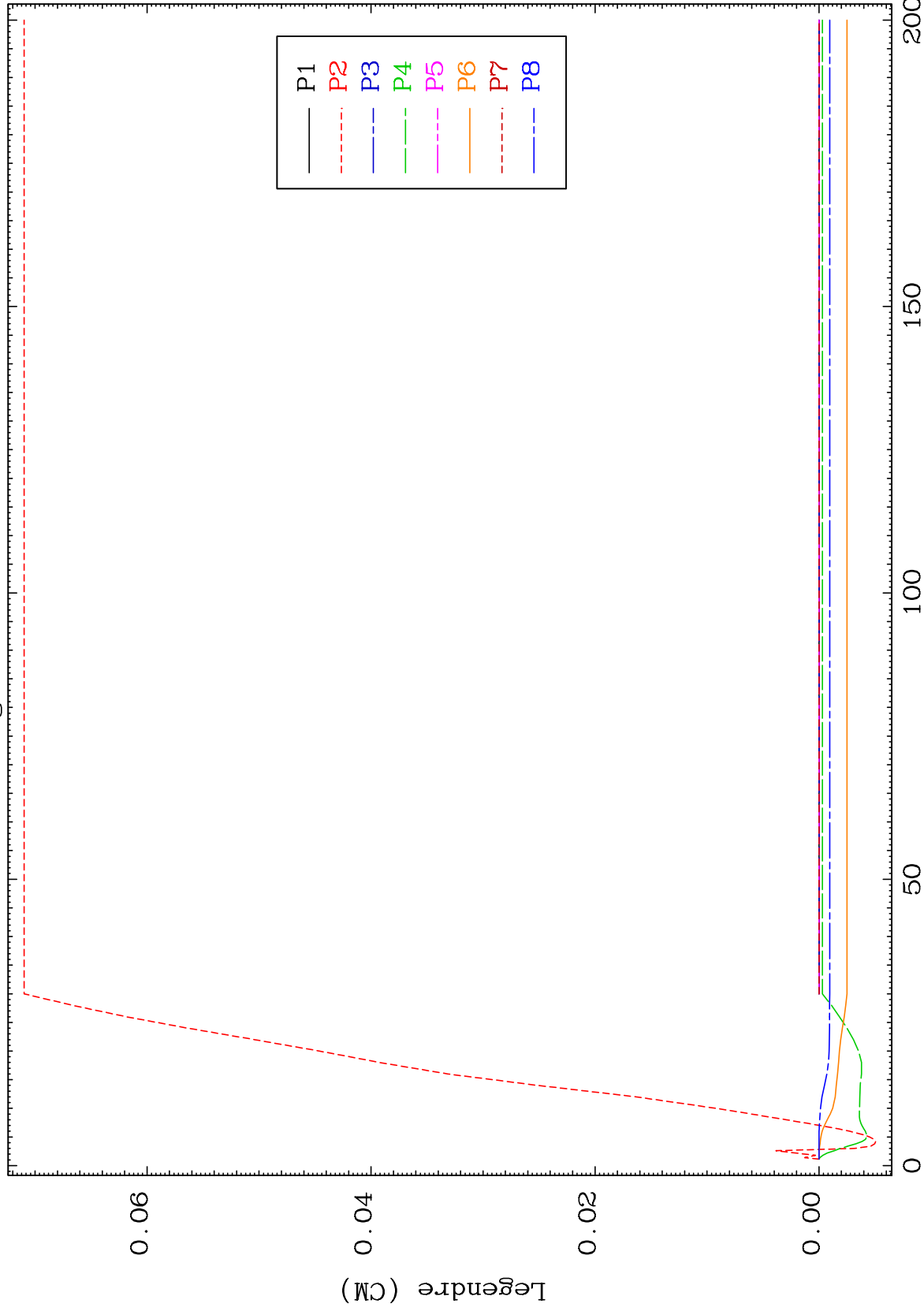
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



46

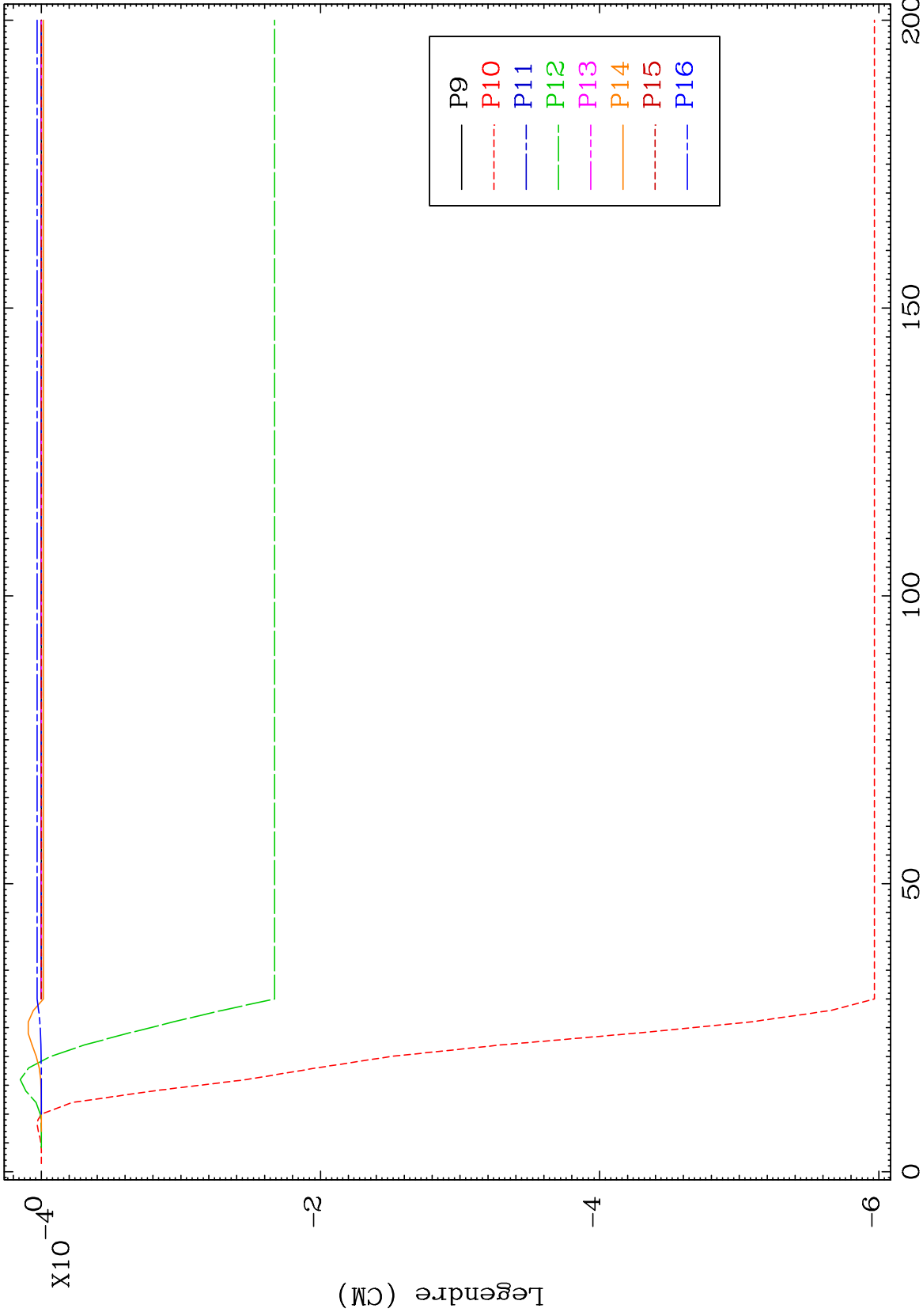
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



47

Incident Energy (MeV)

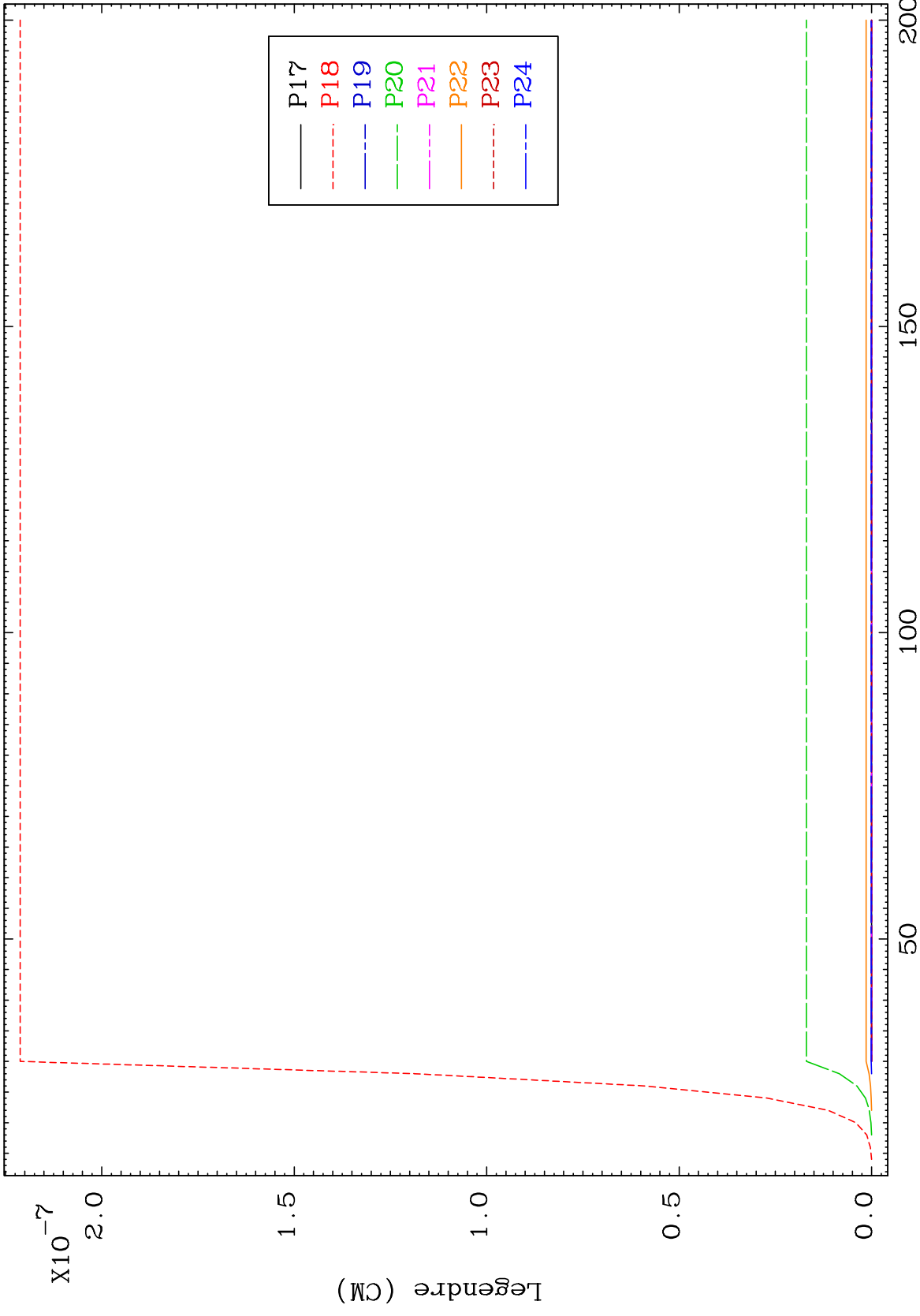
31-Ga-76

MAT 3146

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

31-Ga-76

31-Ga-76



48

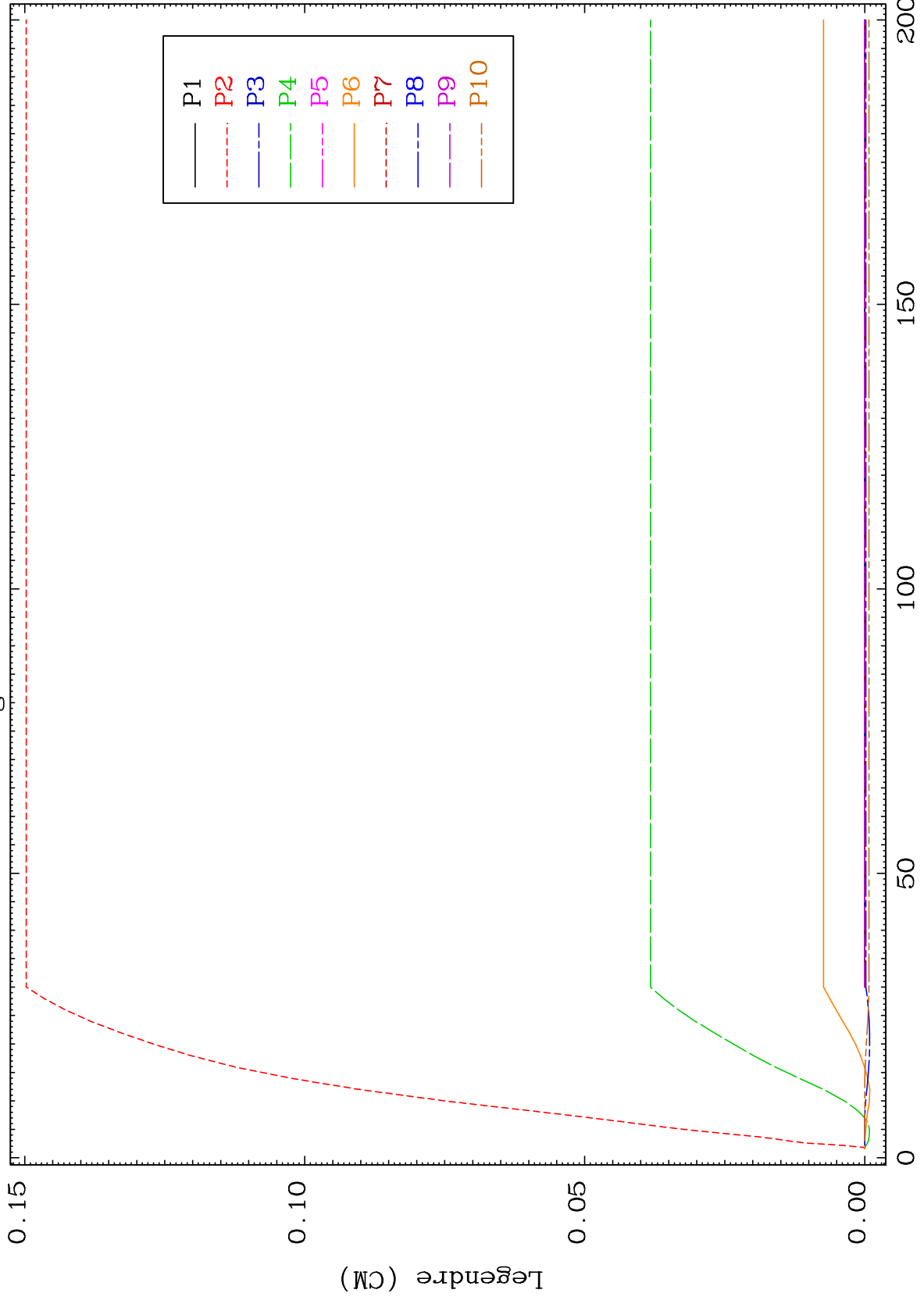
50

100

150

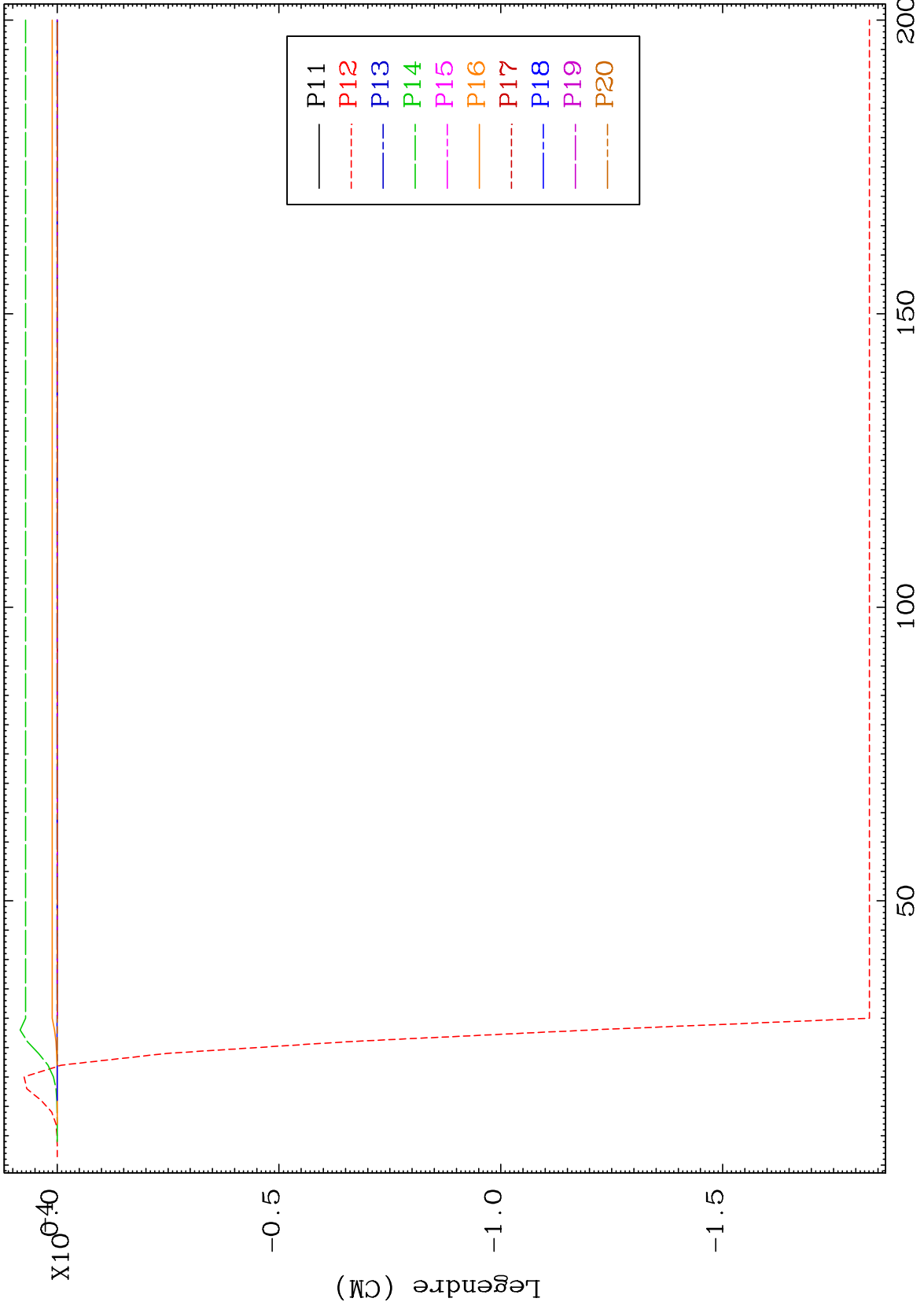
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MAT 3146 MT= 61 (n,n') Level Legendre Coefficients 31-Ga-76



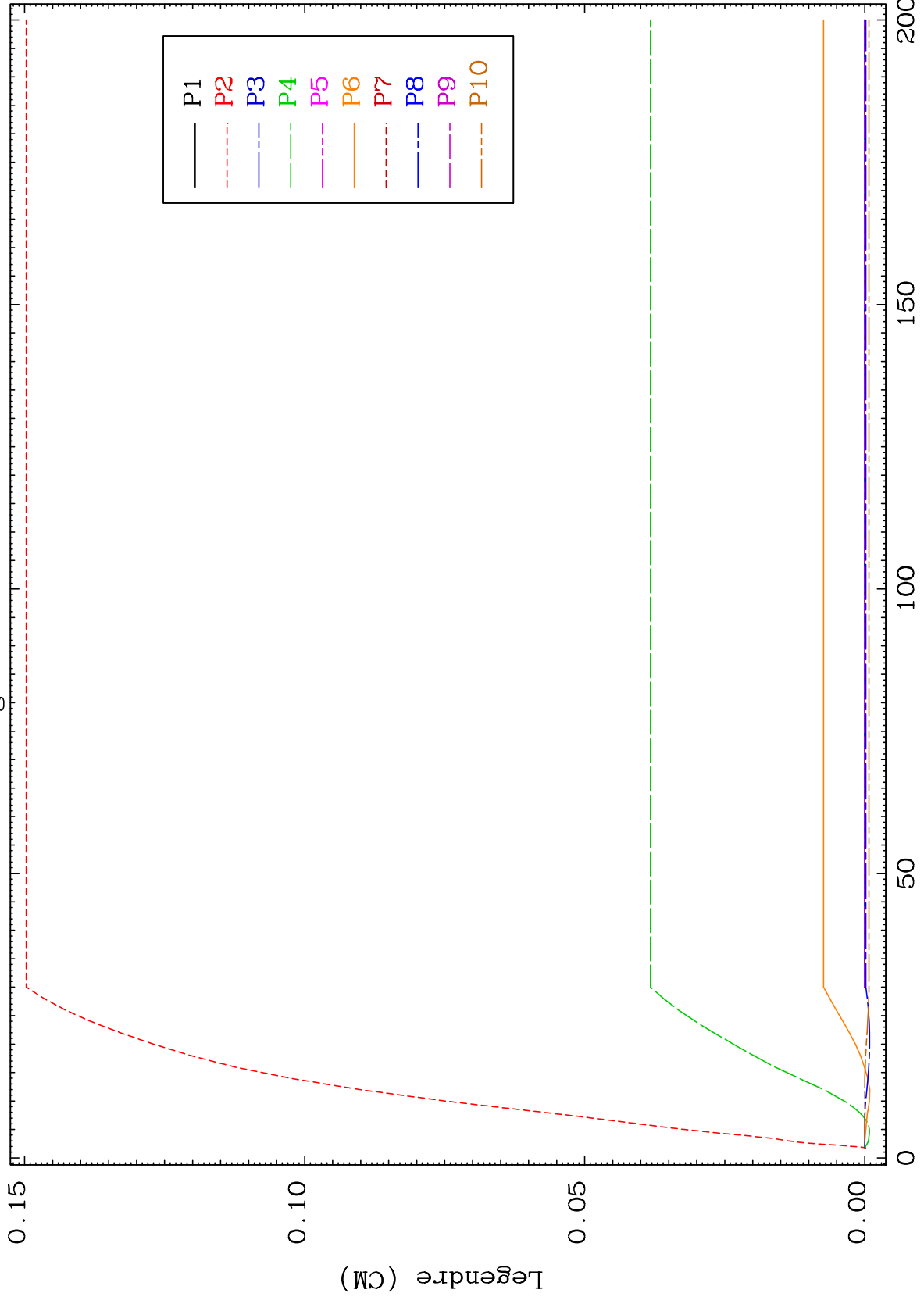
49 31-Ga-76

MAT 3146 MT= 61 (n,n') Level Legendre Coefficients 31-Ga-76



Legendre (CM) Incident Energy (MeV) 31-Ga-76

MAT 3146 MT= 62 (n,n') Level Legendre Coefficients 31-Ga-76

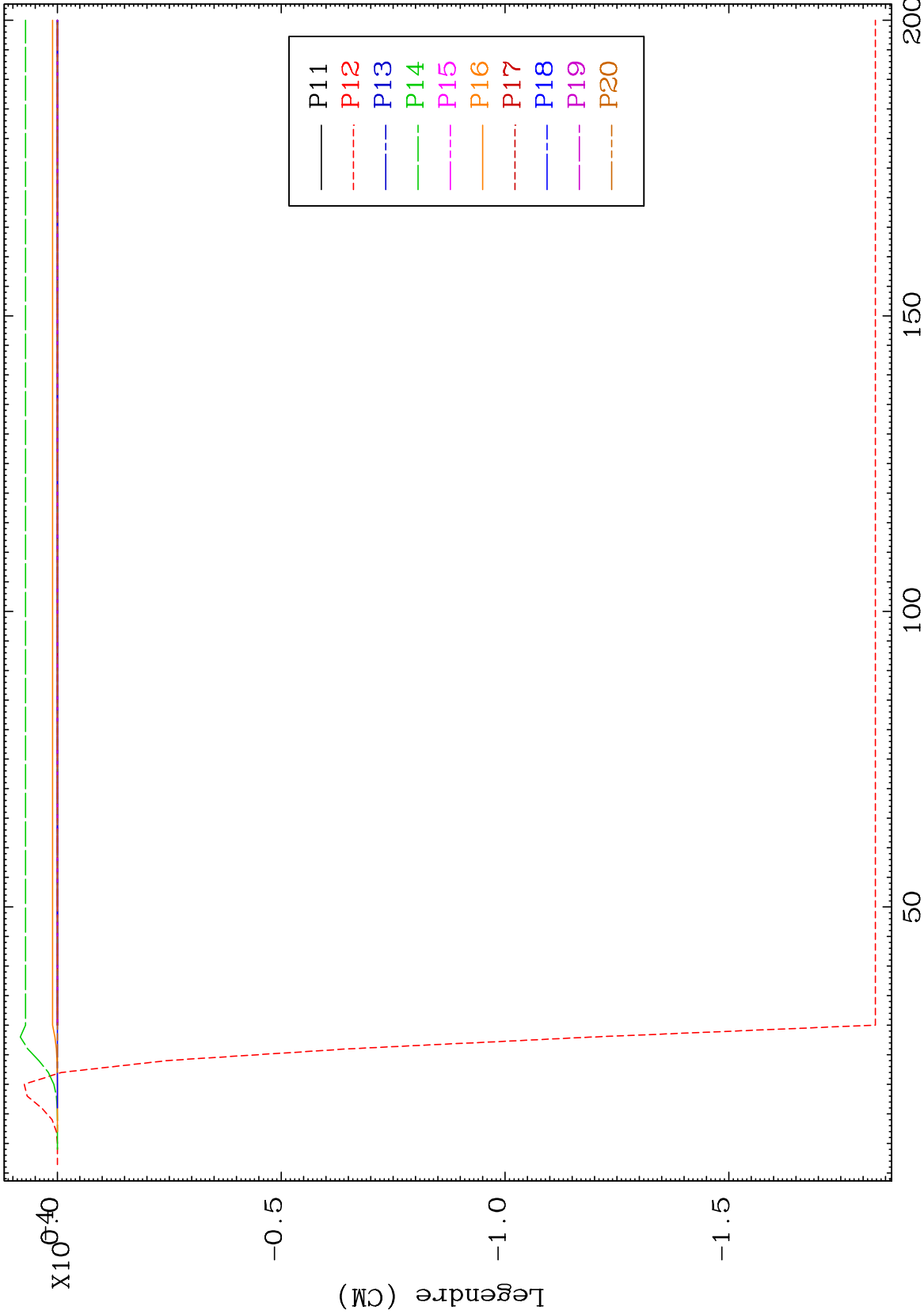


51 31-Ga-76

MAT 3146

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

31-Ga-76

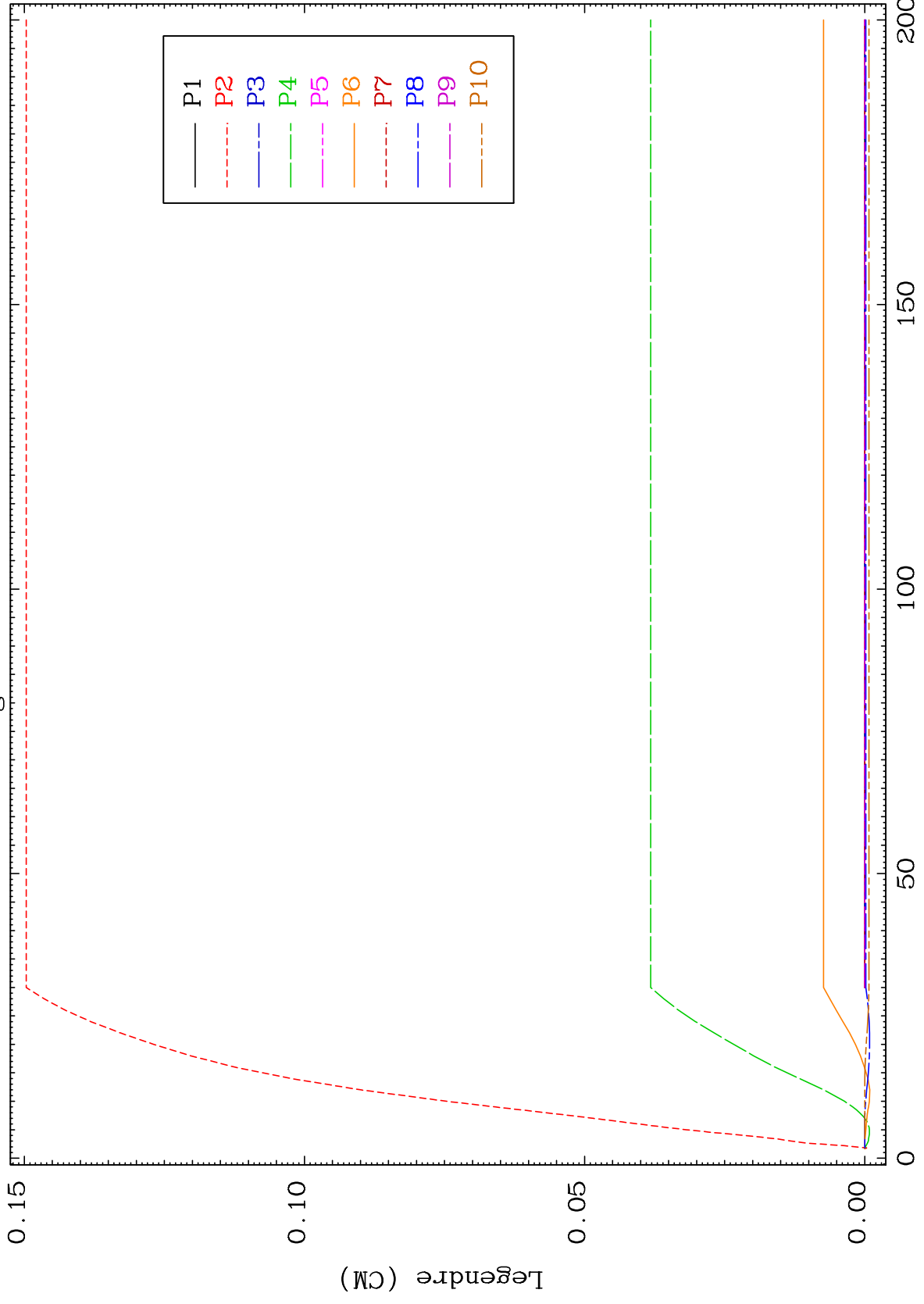


52

Incident Energy (MeV)

31-Ga-76

MAT 3146 MT= 63 (n,n') Level Legendre Coefficients 31-Ga-76

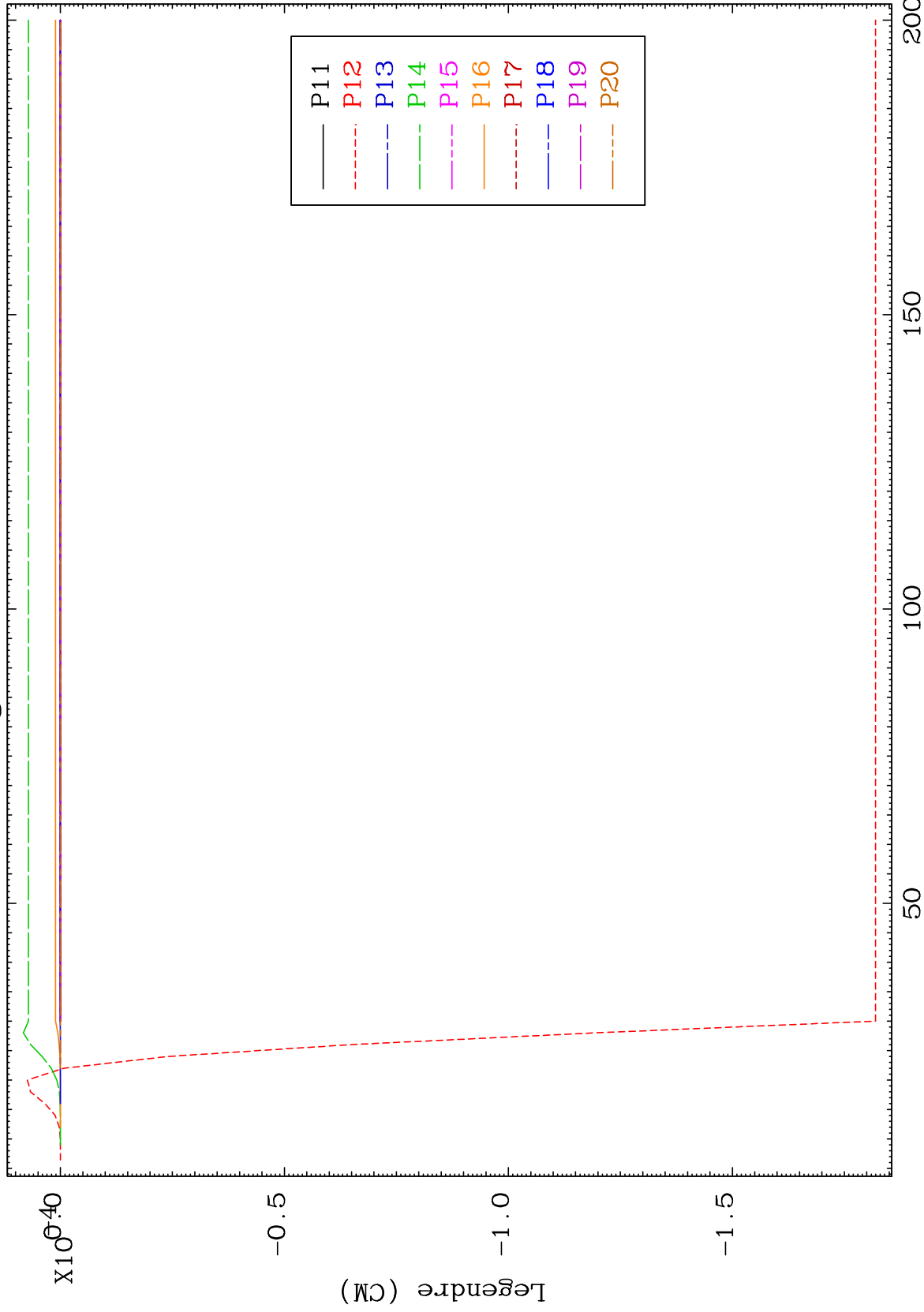


53 31-Ga-76

MAT 3146

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

31-Ga-76

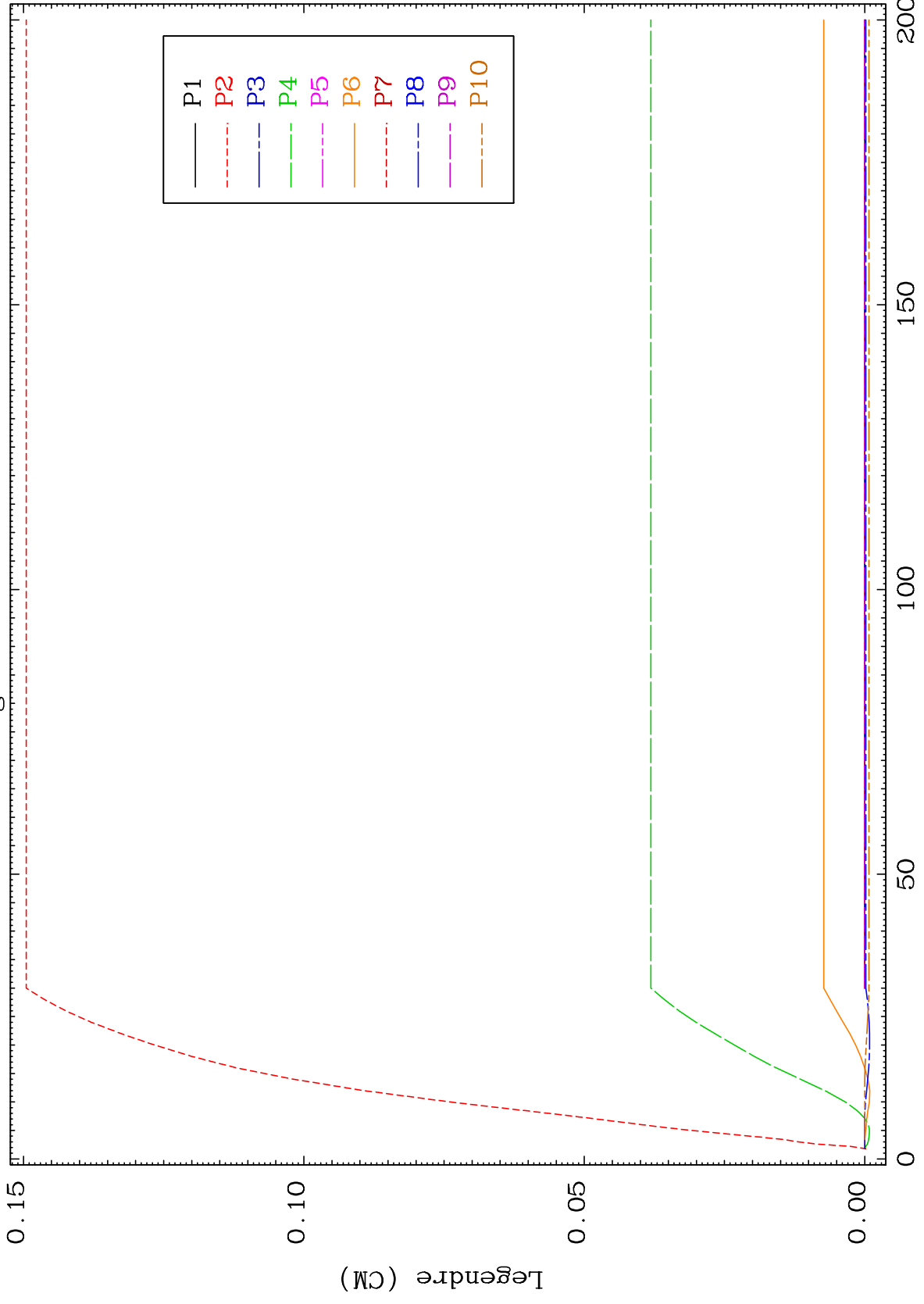


54

Incident Energy (MeV)

31-Ga-76

MAT 3146 MT= 64 (n,n') Level Legendre Coefficients 31-Ga-76

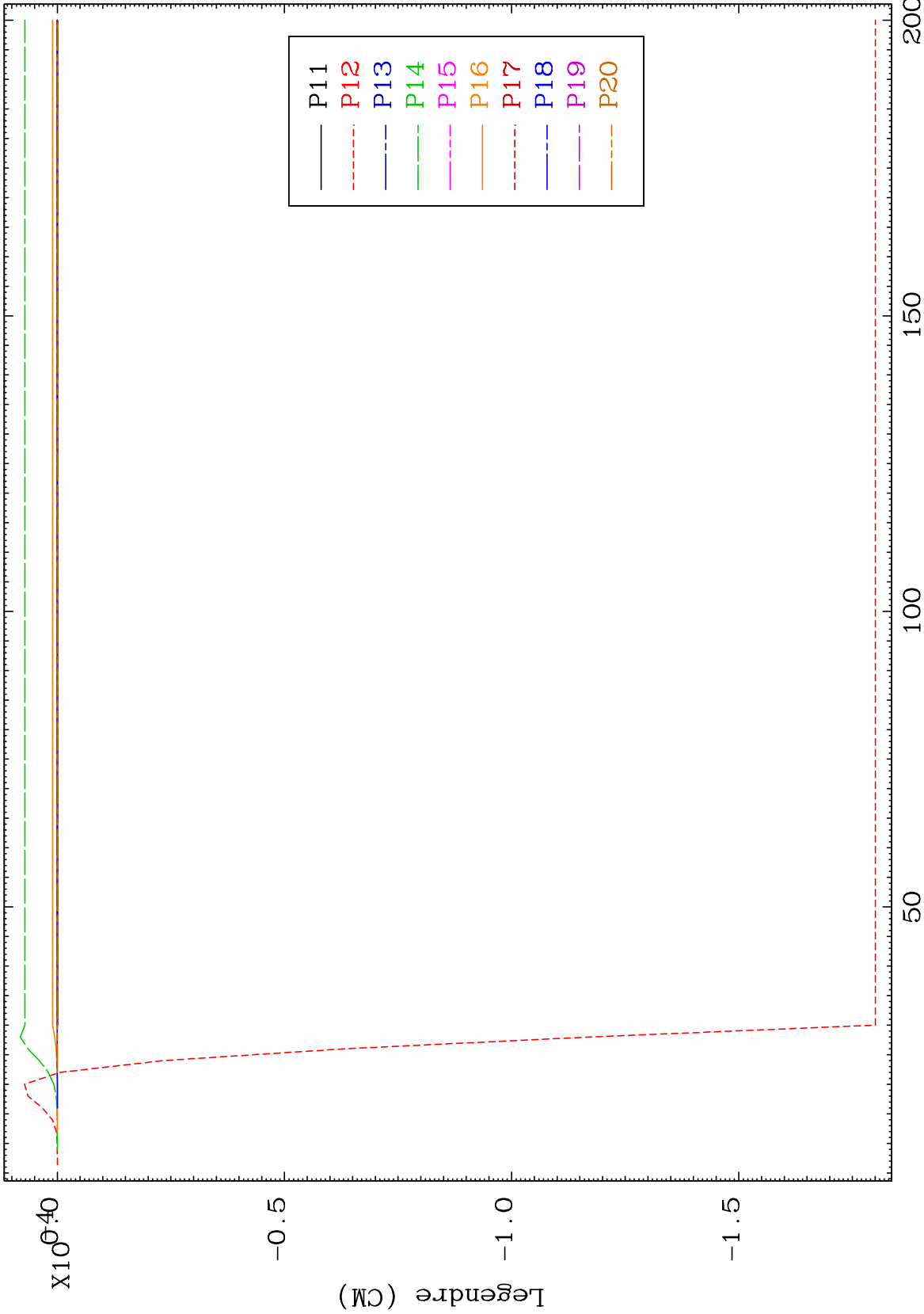


Legendre (CM) Incident Energy (MeV) 31-Ga-76

MAT 3146

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

31-Ga-76

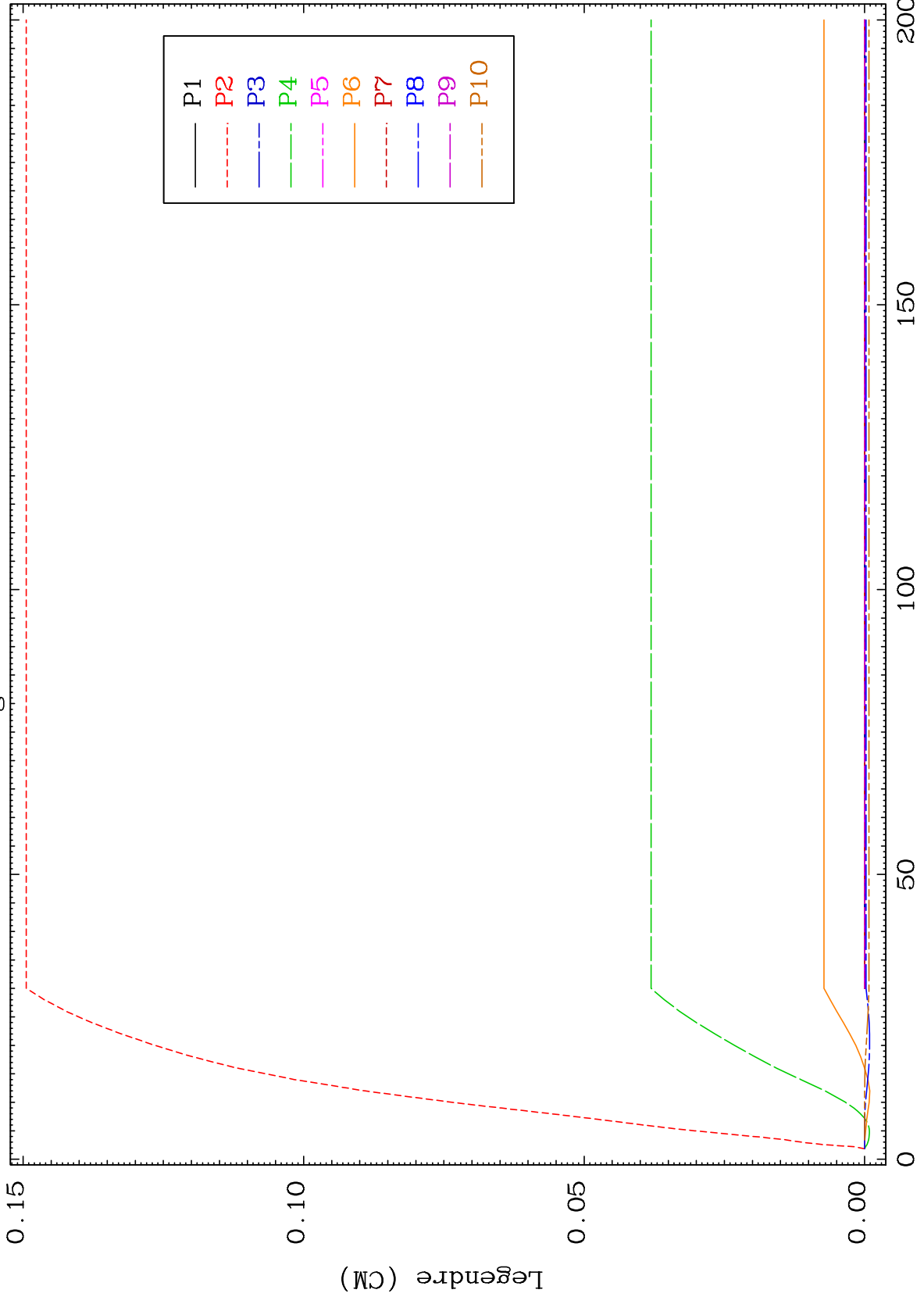


56

Incident Energy (MeV)

31-Ga-76

MAT 3146 MT= 65 (n,n') Level Legendre Coefficients 31-Ga-76



31-Ga-76

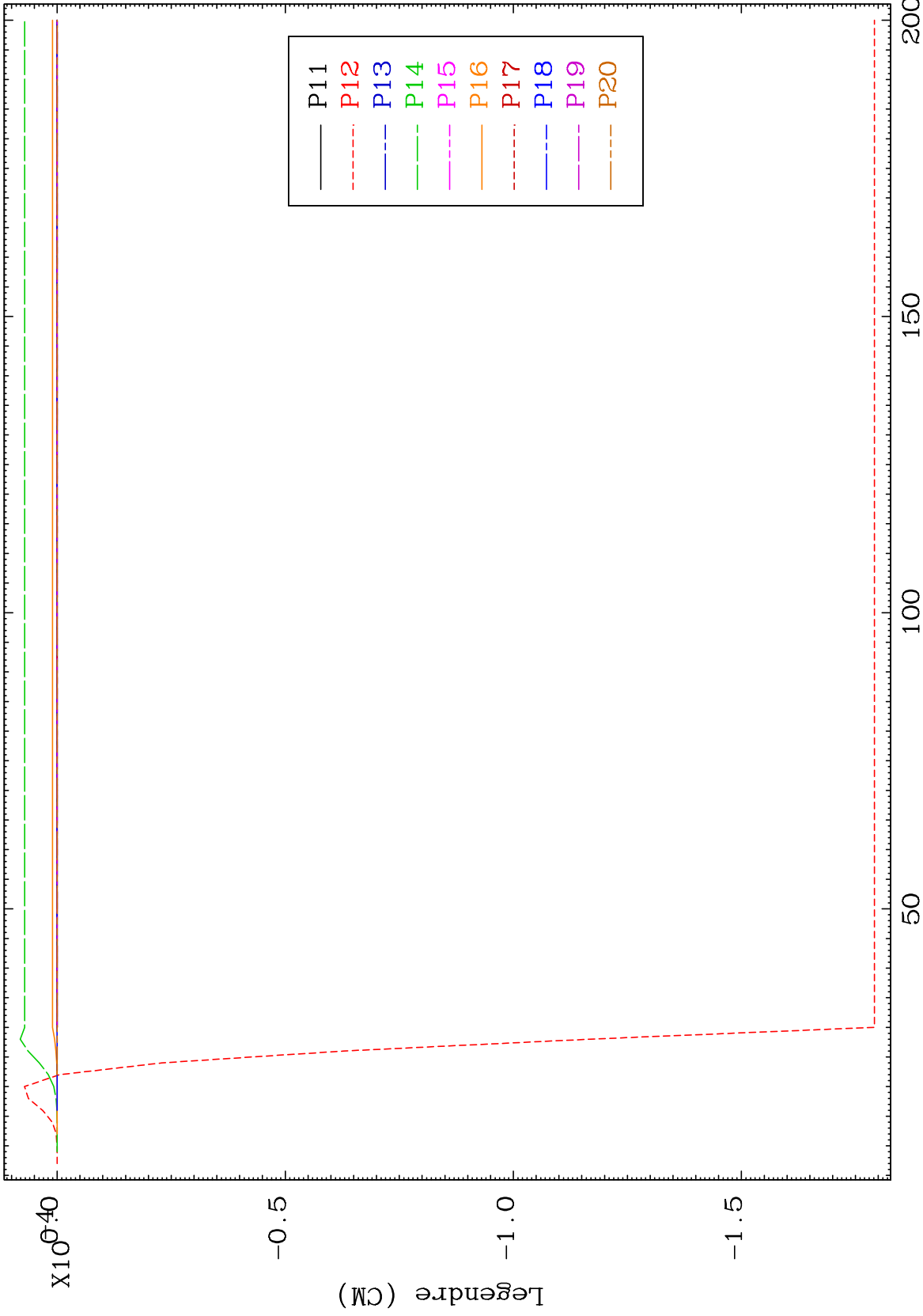
Incident Energy (MeV)

57

MAT 3146

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

31-Ga-76

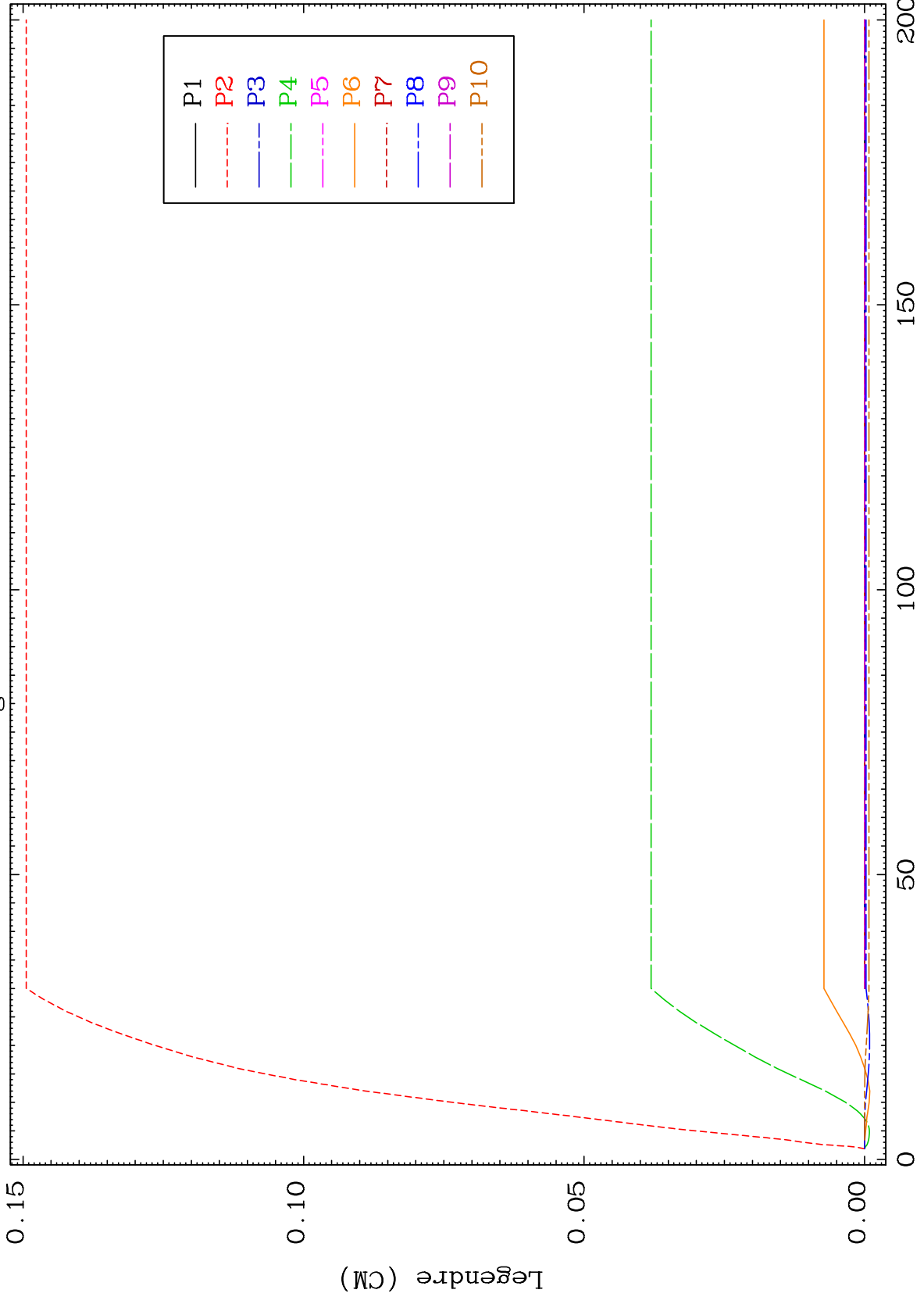


58

Incident Energy (MeV)

31-Ga-76

MAT 3146 MT= 66 (n,n') Level Legendre Coefficients 31-Ga-76

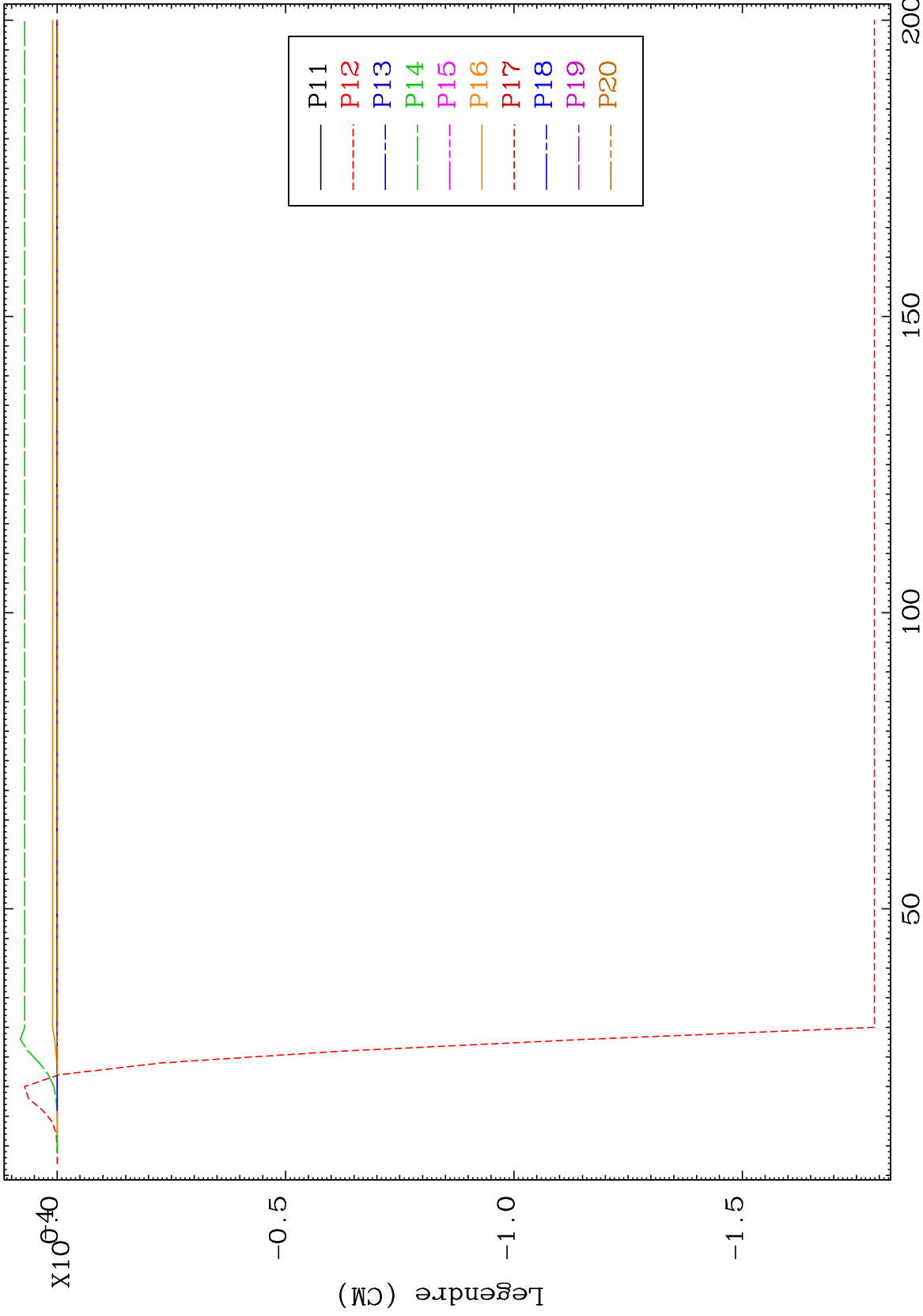


59 Incident Energy (MeV) 31-Ga-76

MAT 3146

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

31-Ga-76

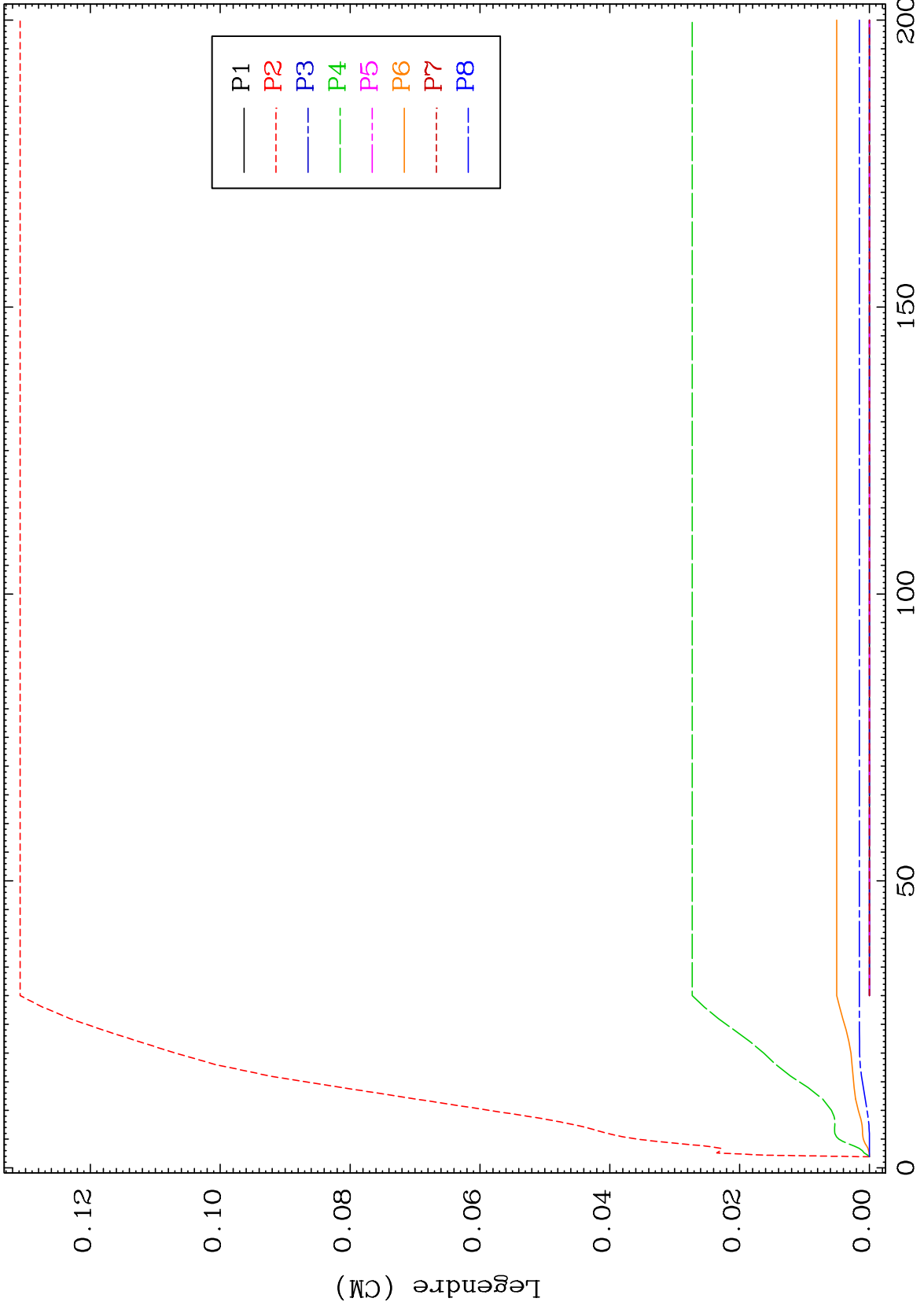


60

Incident Energy (MeV)

31-Ga-76

MAT 3146 MT= 67 (n,n') Level Legendre Coefficients 31-Ga-76

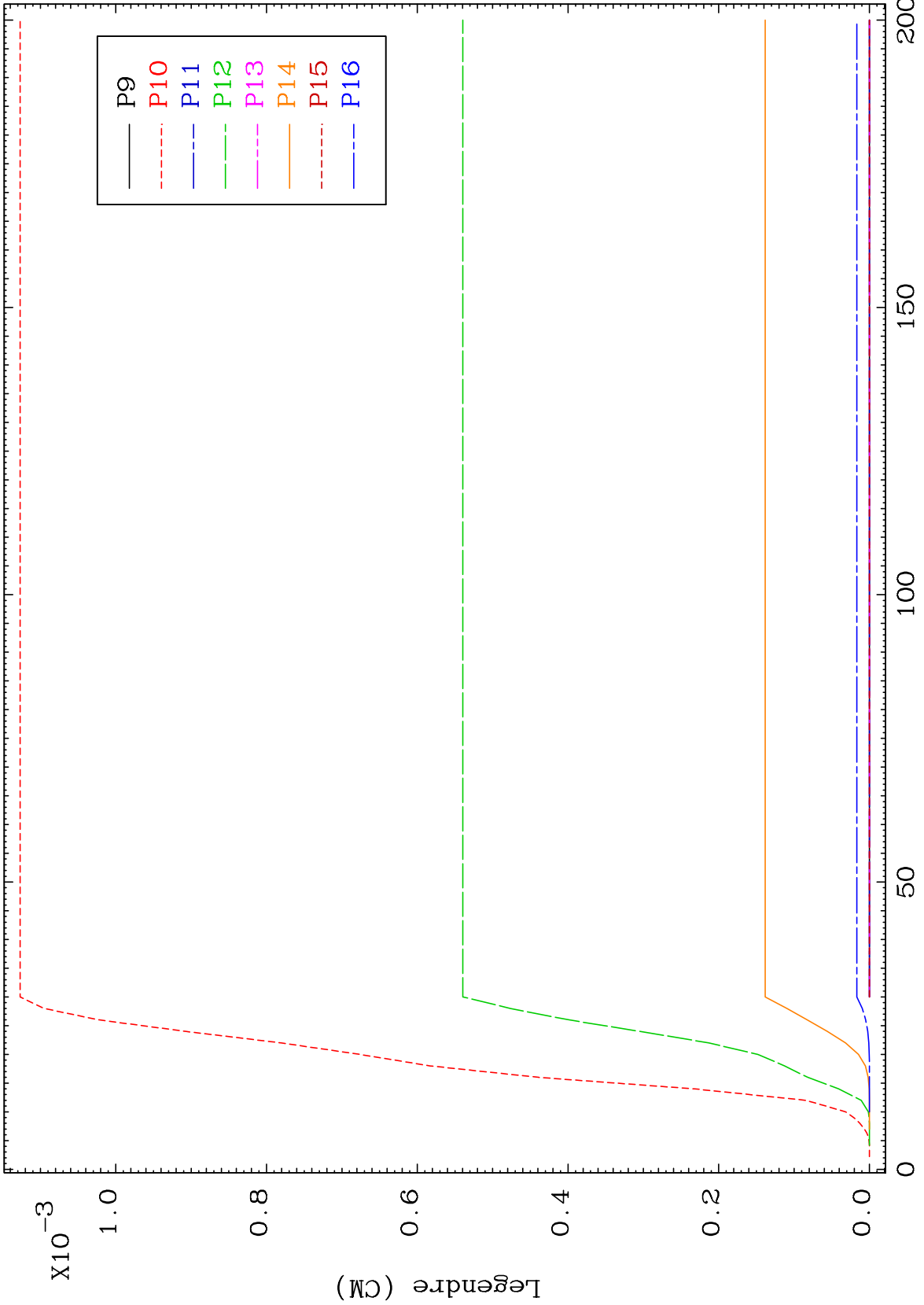


61 31-Ga-76

MAT 3146

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

31-Ga-76



62

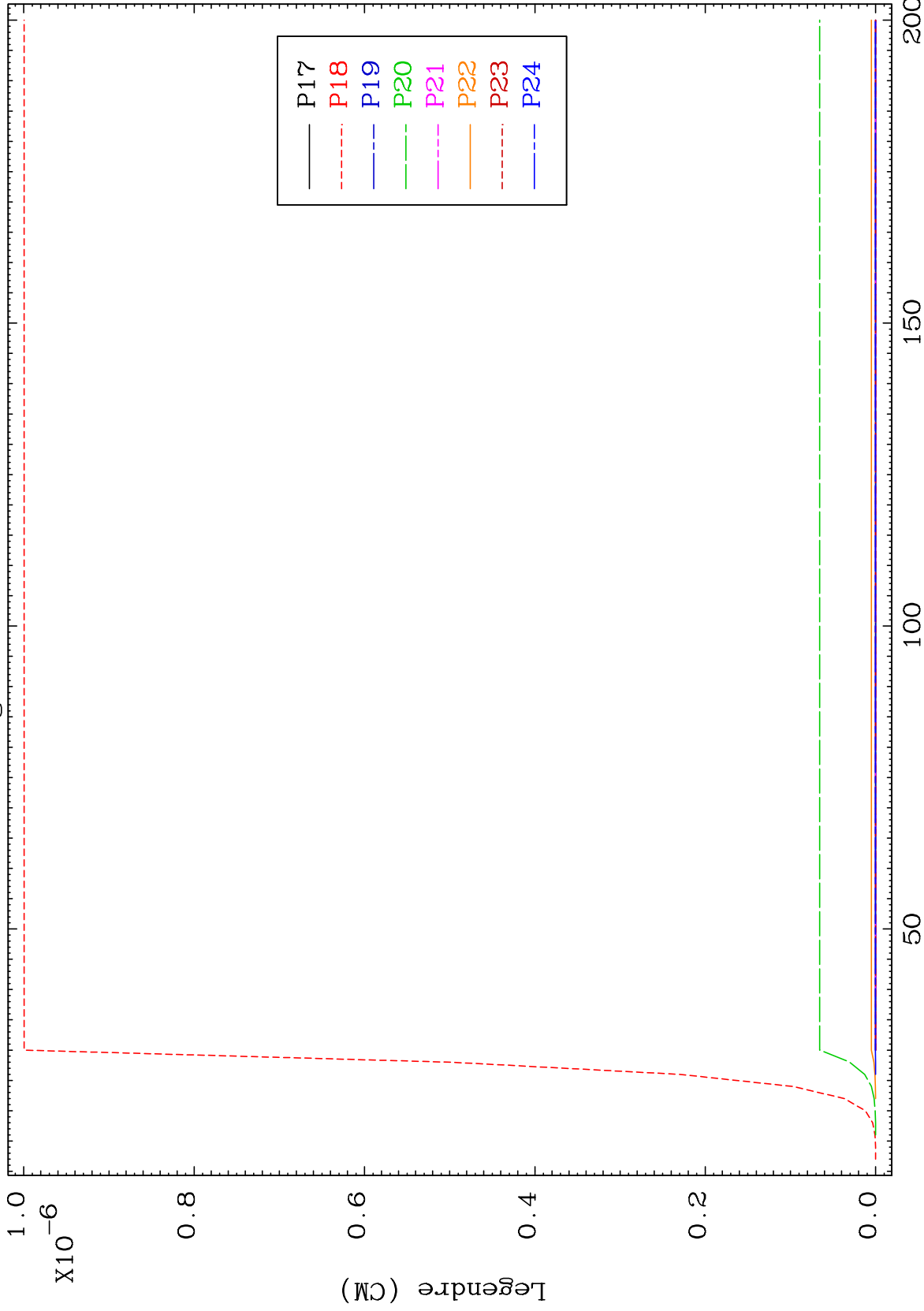
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



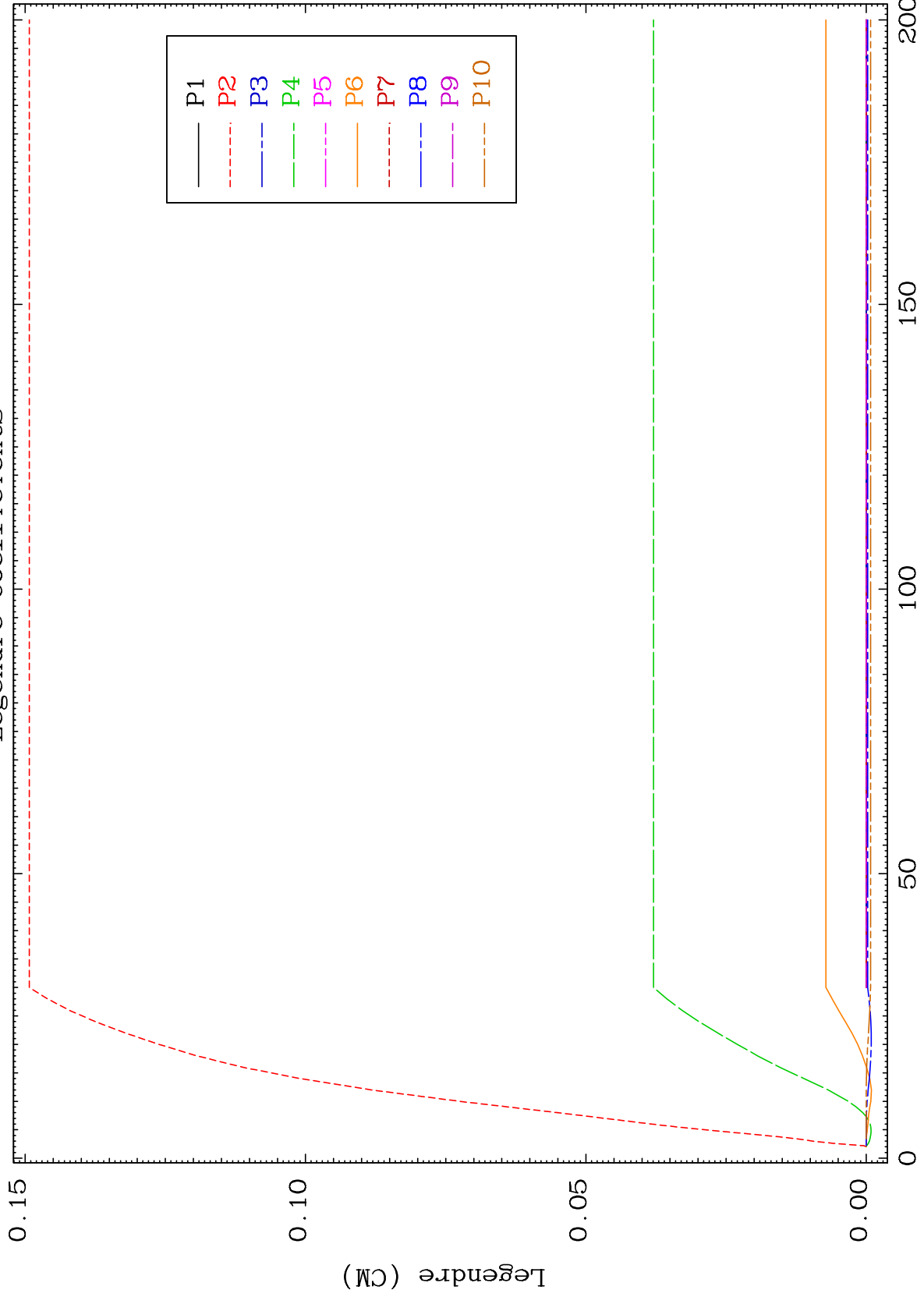
63

Incident Energy (MeV)

31-Ga-76

MAT 3146 MT= 68 (n,n') Level Legendre Coefficients

31-Ga-76



31-Ga-76

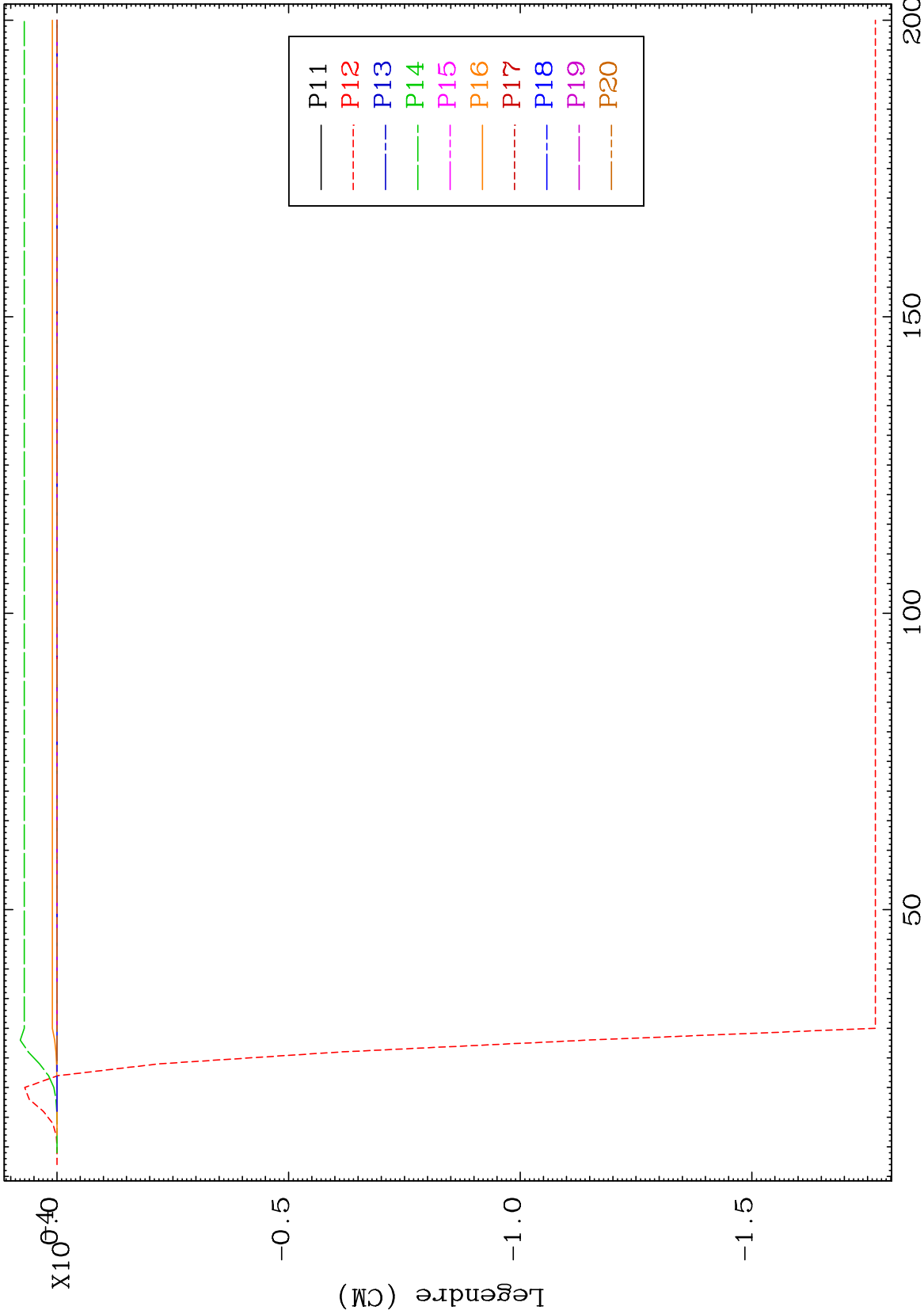
Incident Energy (MeV)

64

MAT 3146

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

31-Ga-76

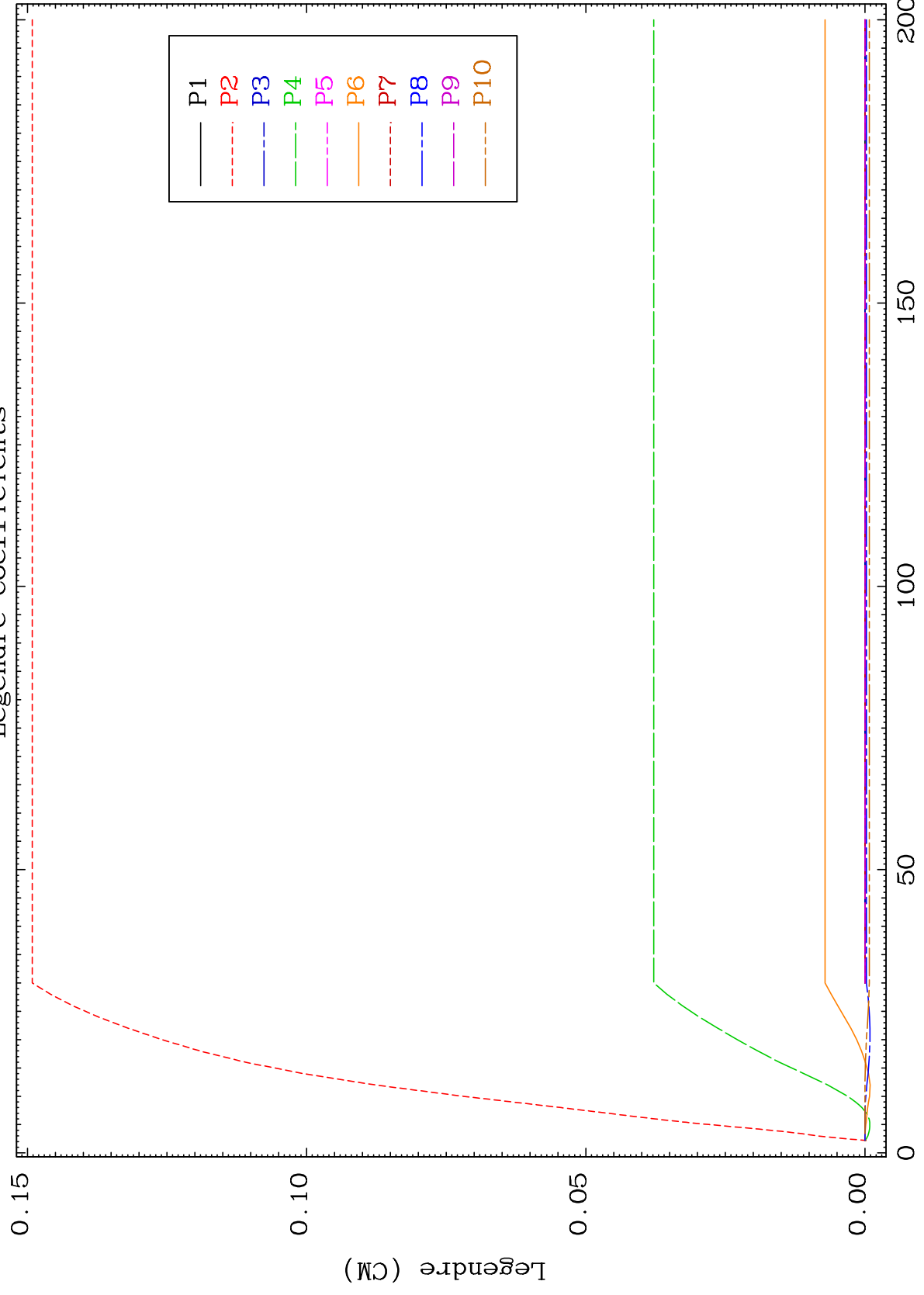


65

Incident Energy (MeV)

31-Ga-76

MAT 3146 MT= 69 (n,n') Level Legendre Coefficients 31-Ga-76

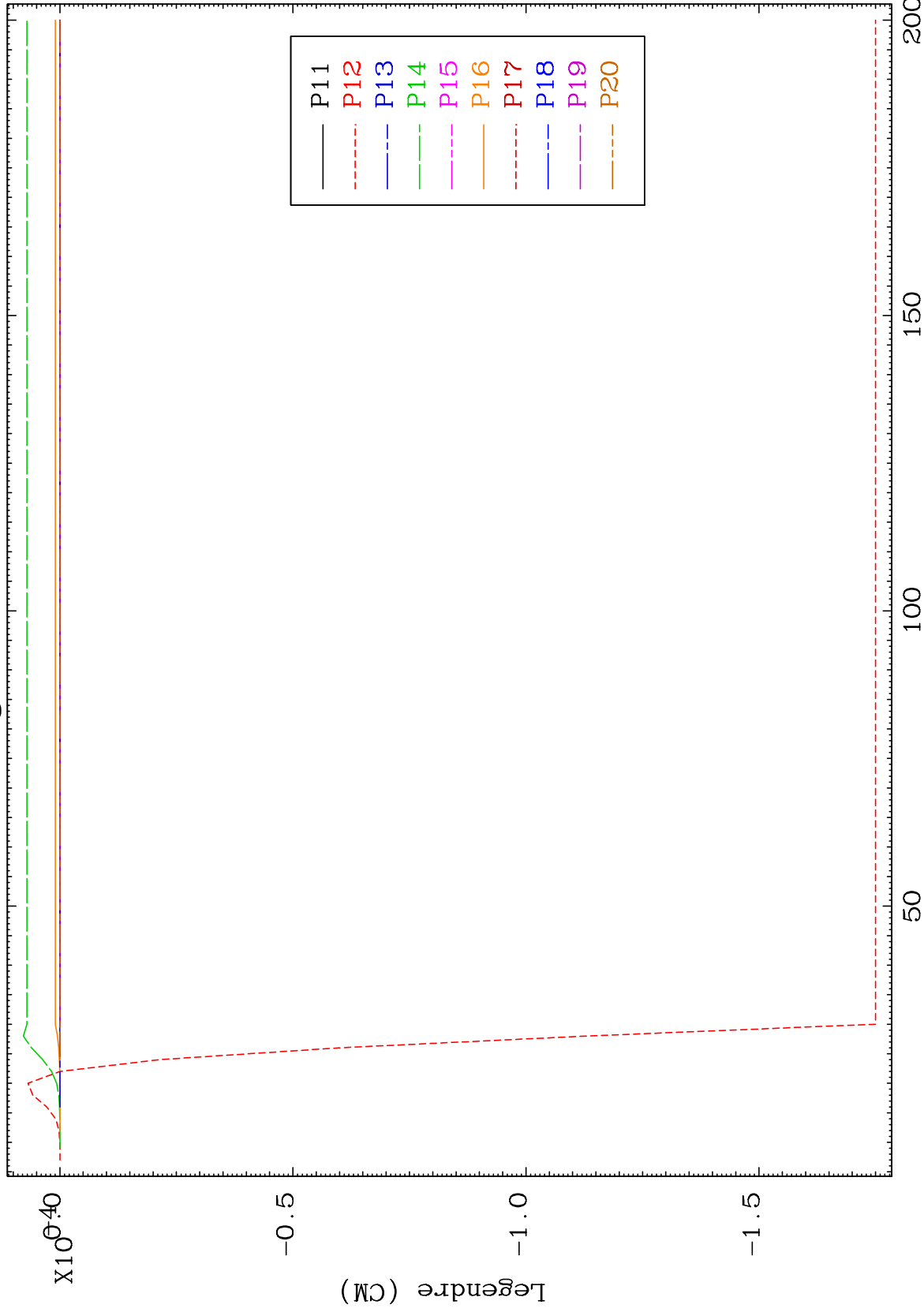


66 31-Ga-76

MAT 3146

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

31-Ga-76

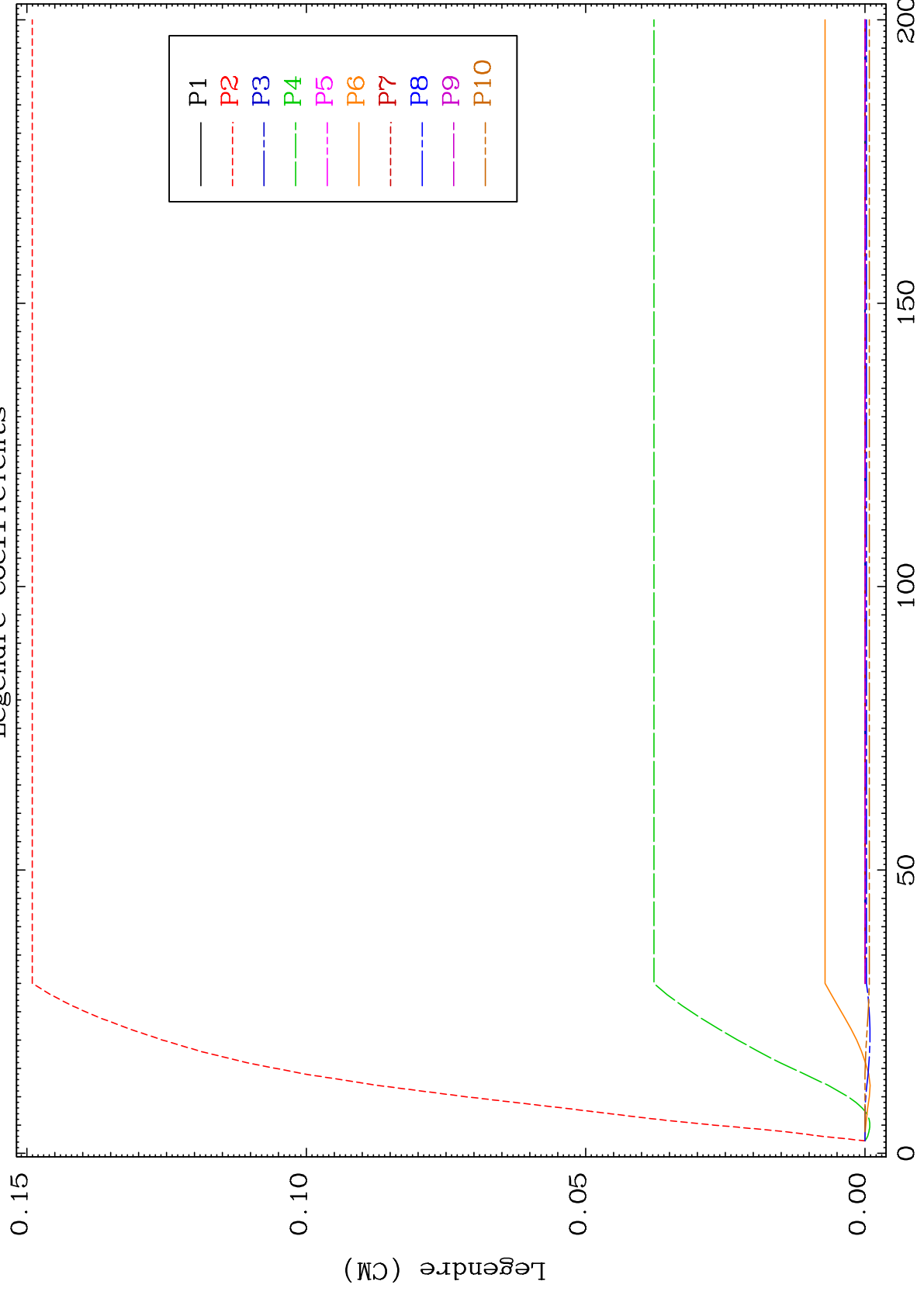


67

Incident Energy (MeV)

31-Ga-76

MAT 3146 MT= 70 (n,n') Level Legendre Coefficients 31-Ga-76

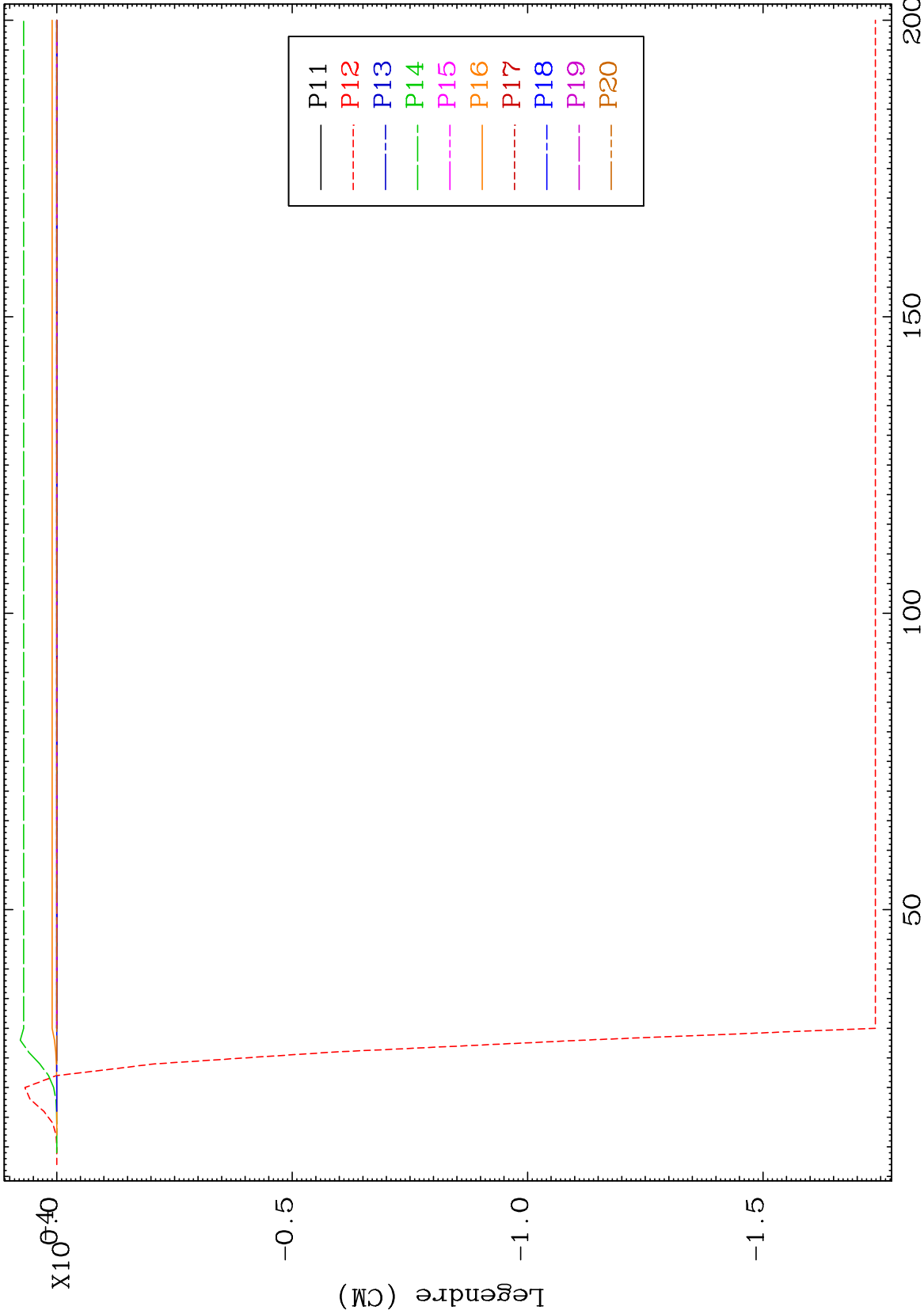


68 31-Ga-76

MAT 3146

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

31-Ga-76

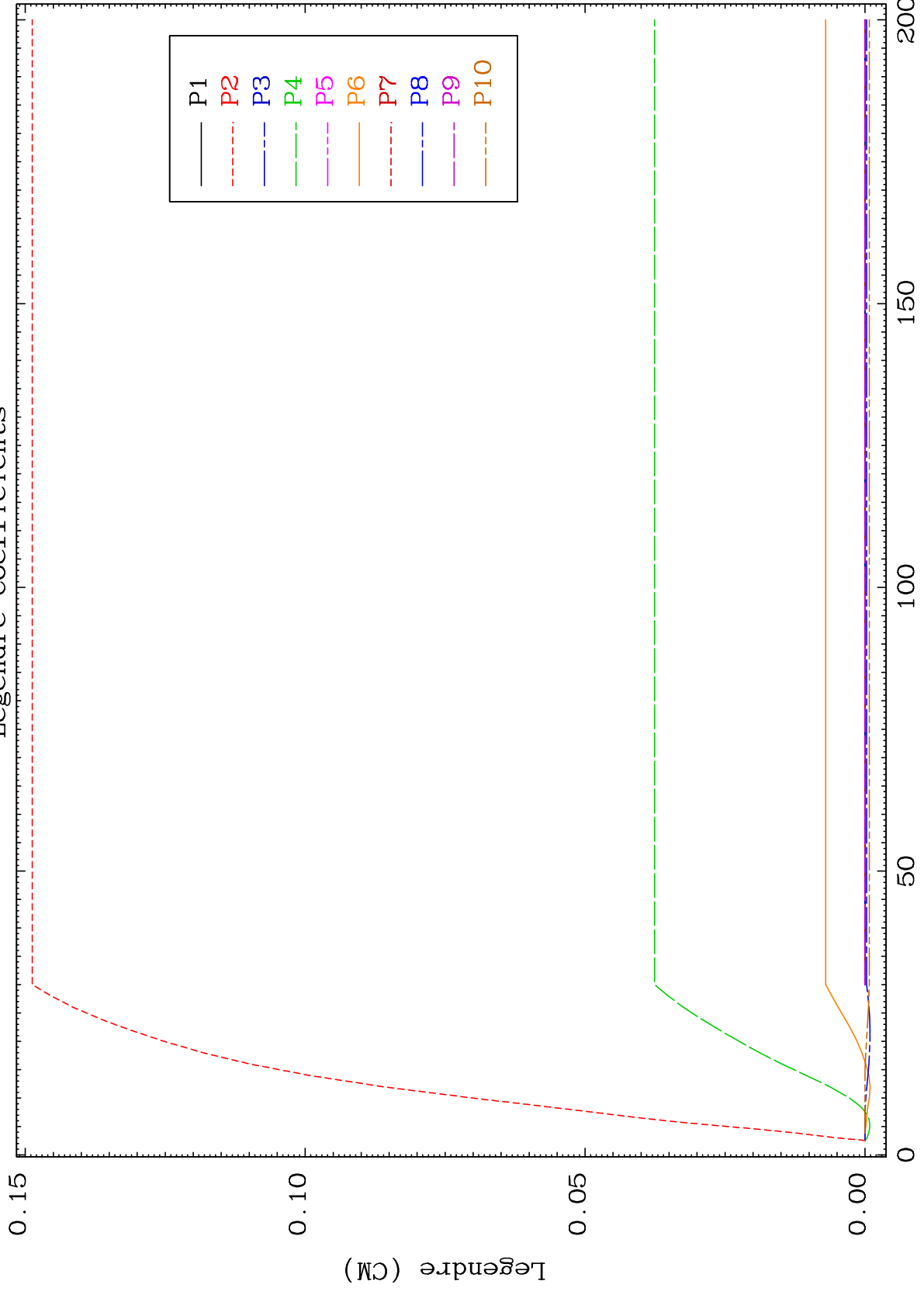


69

Incident Energy (MeV)

31-Ga-76

MAT 3146 MT= 71 (n,n') Level Legendre Coefficients 31-Ga-76

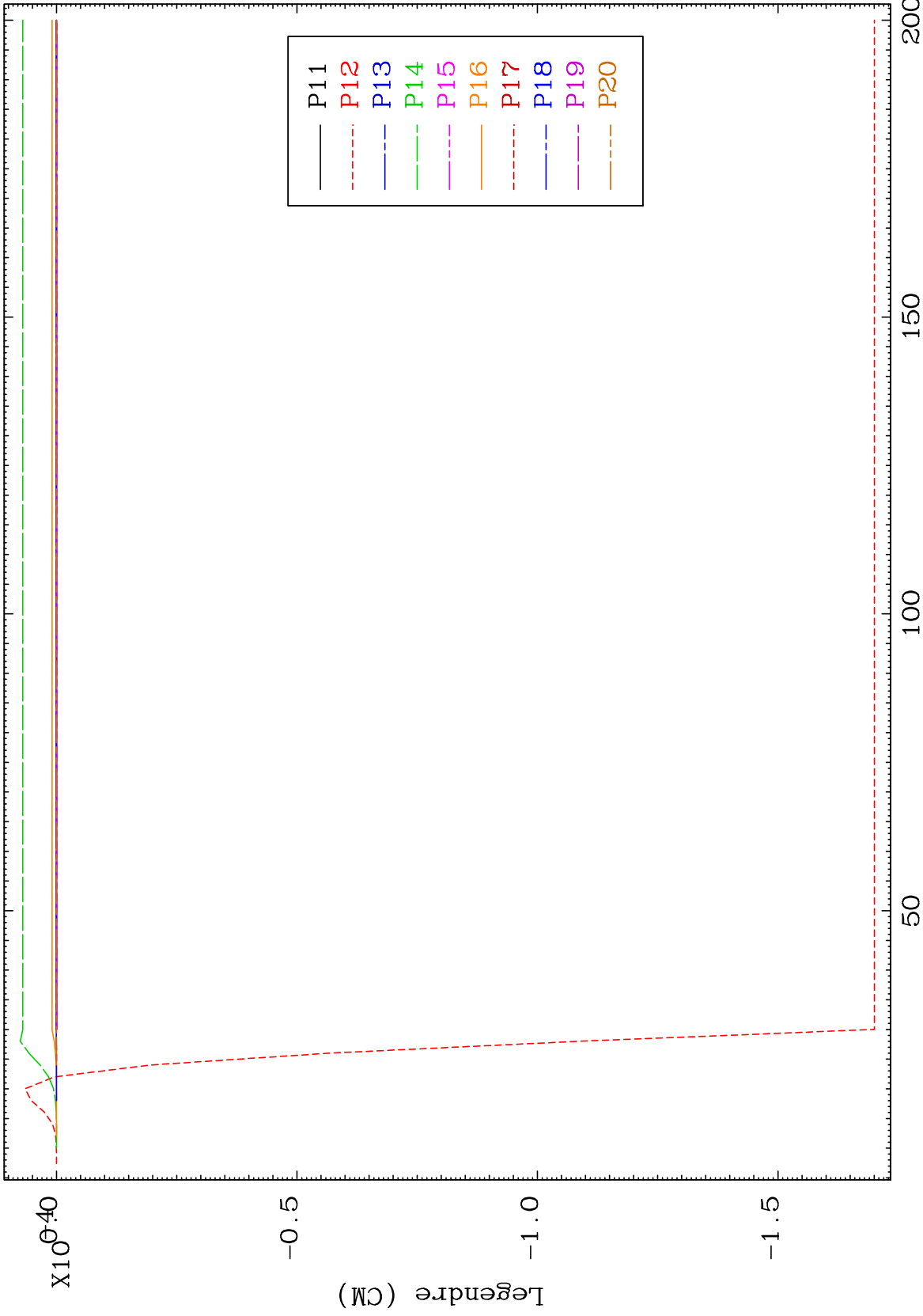


31-Ga-76

MAT 3146

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

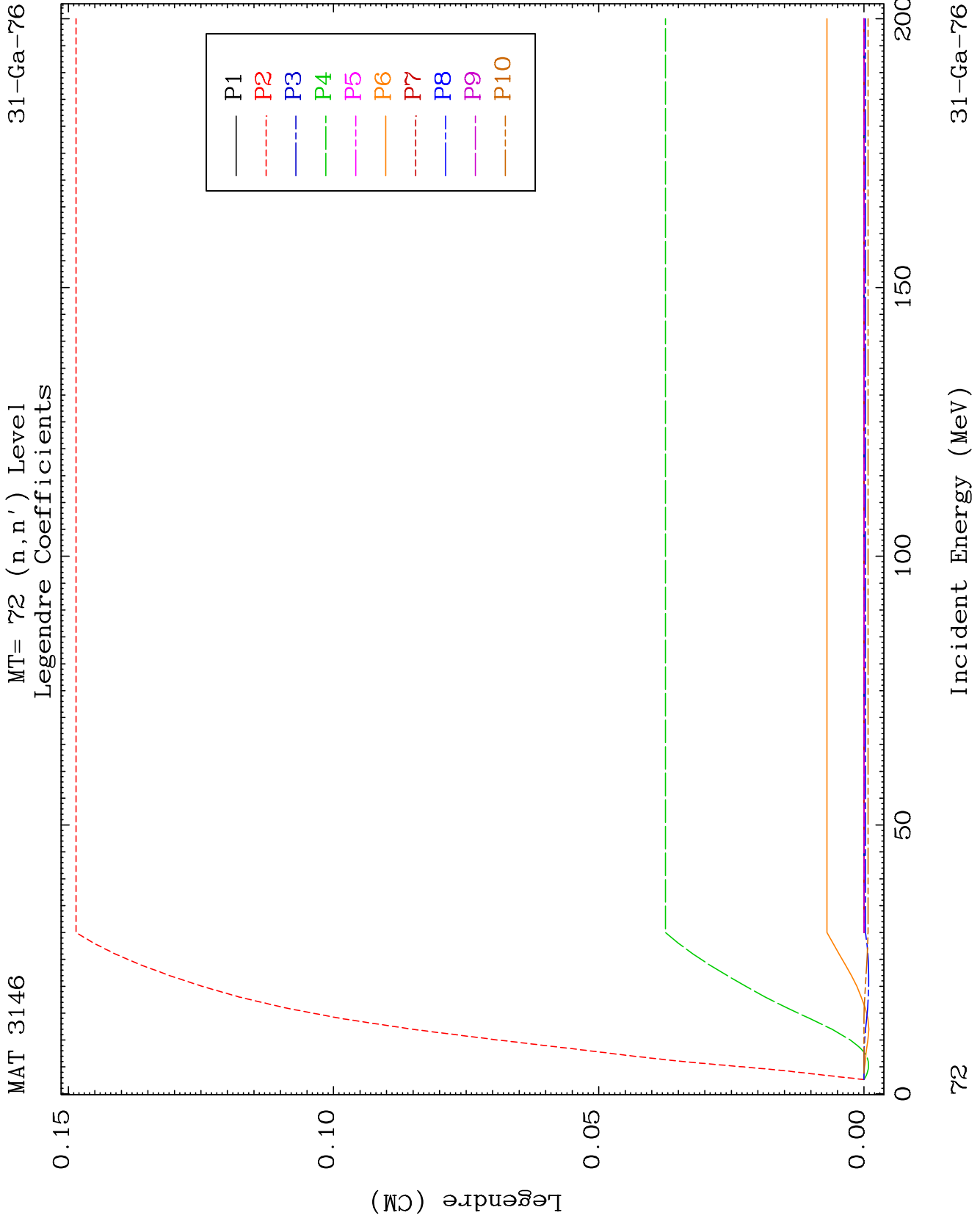
31-Ga-76



71

Incident Energy (MeV)

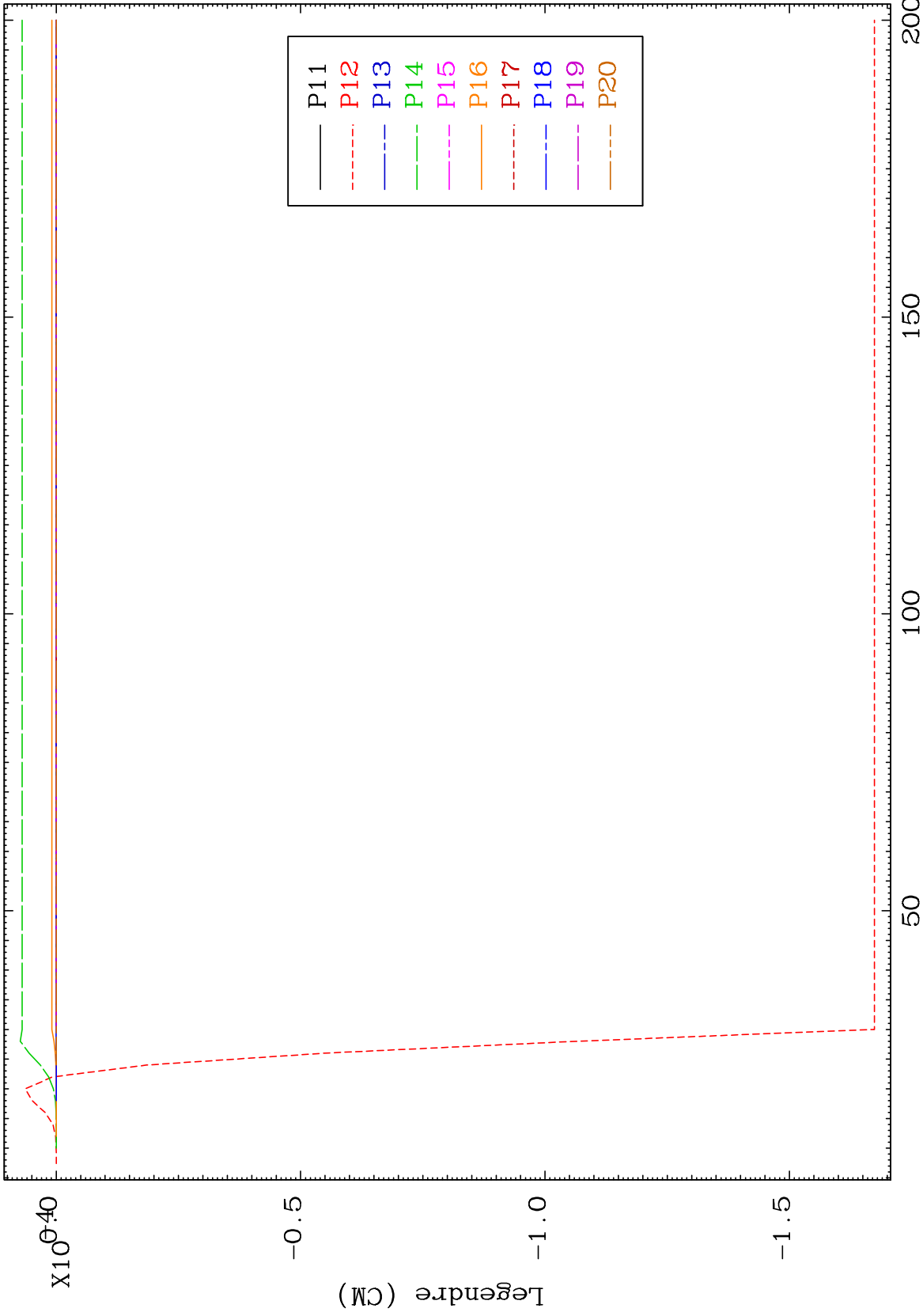
31-Ga-76



MAT 3146

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

31-Ga-76



73

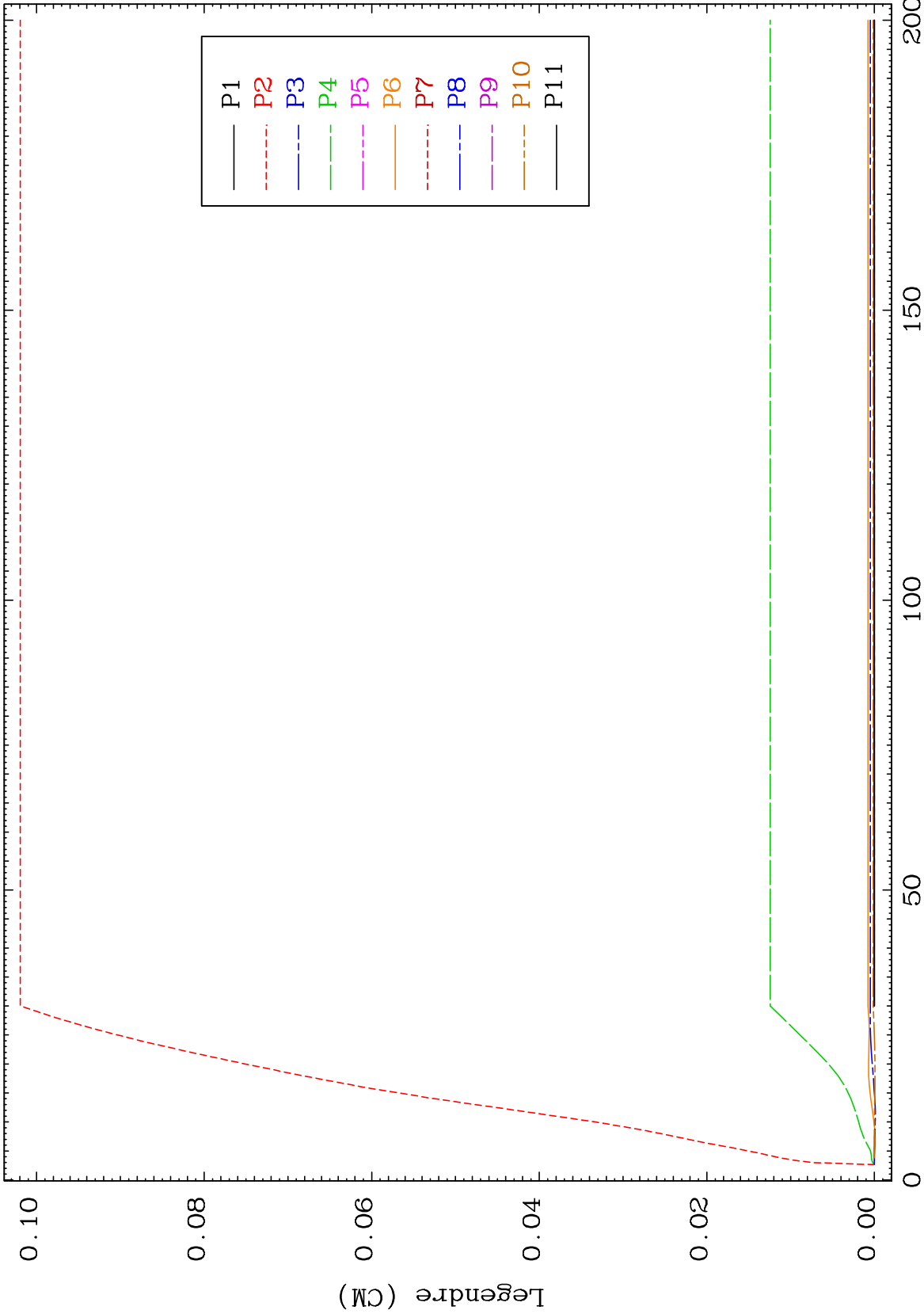
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



74

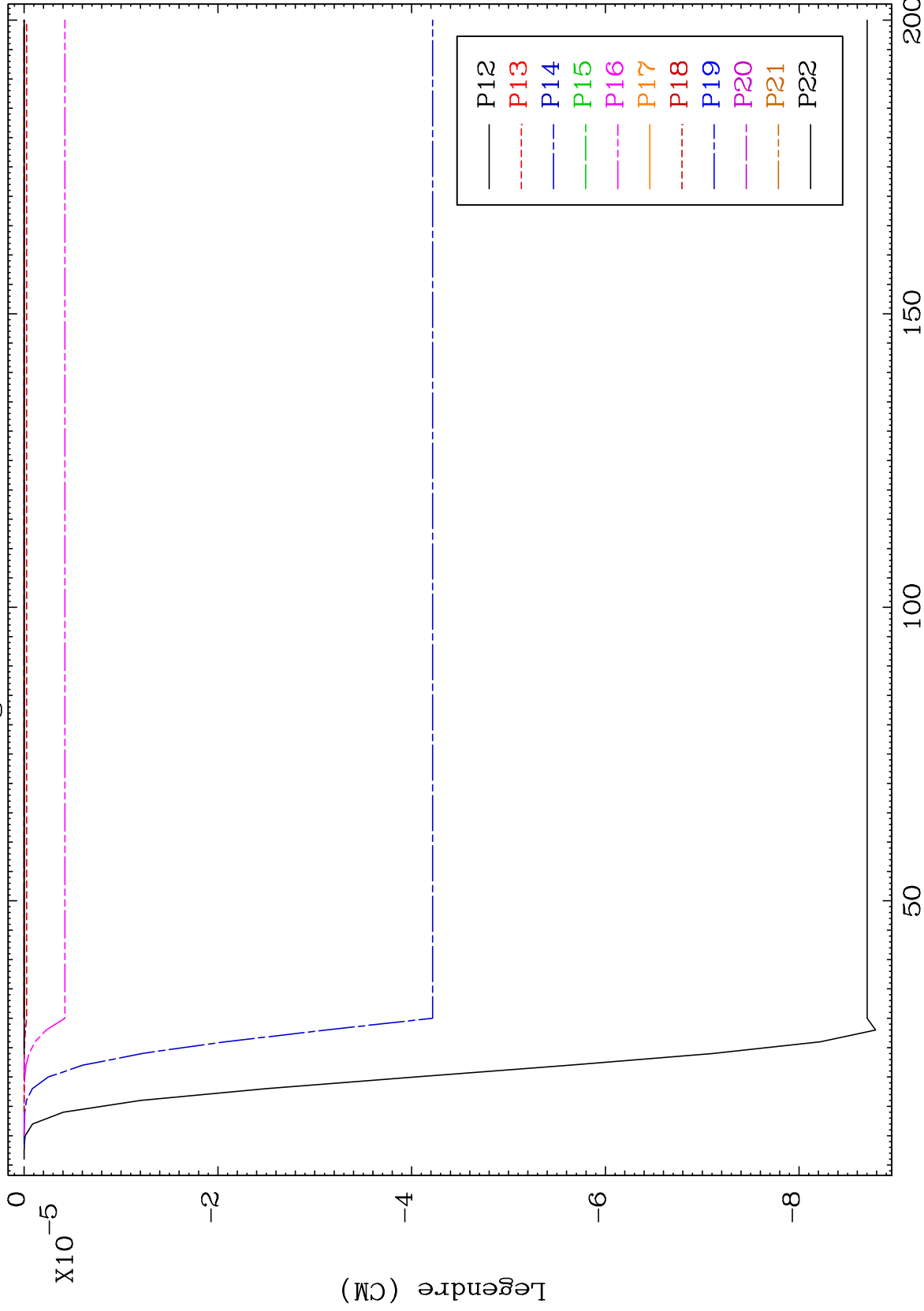
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



75

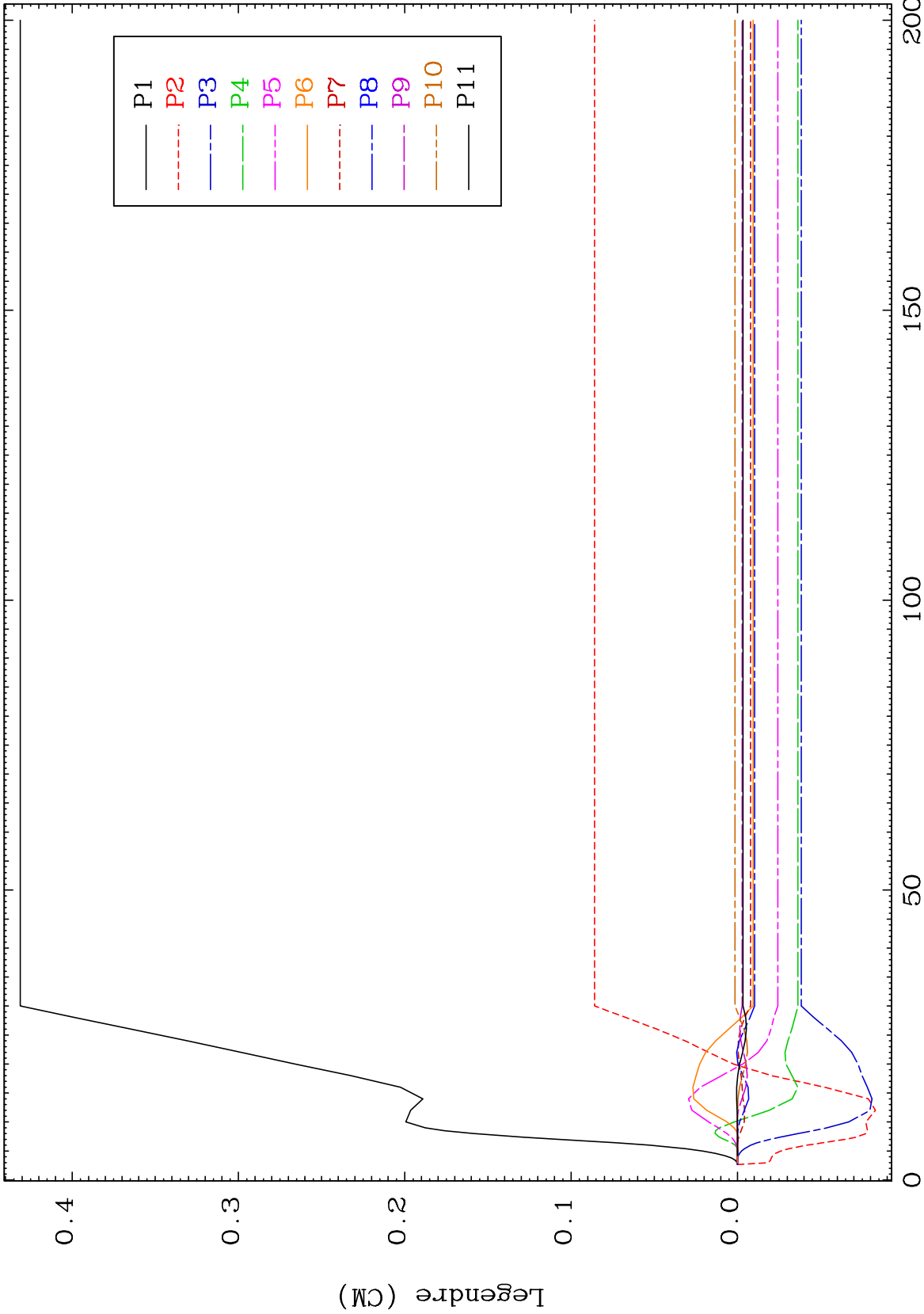
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



76

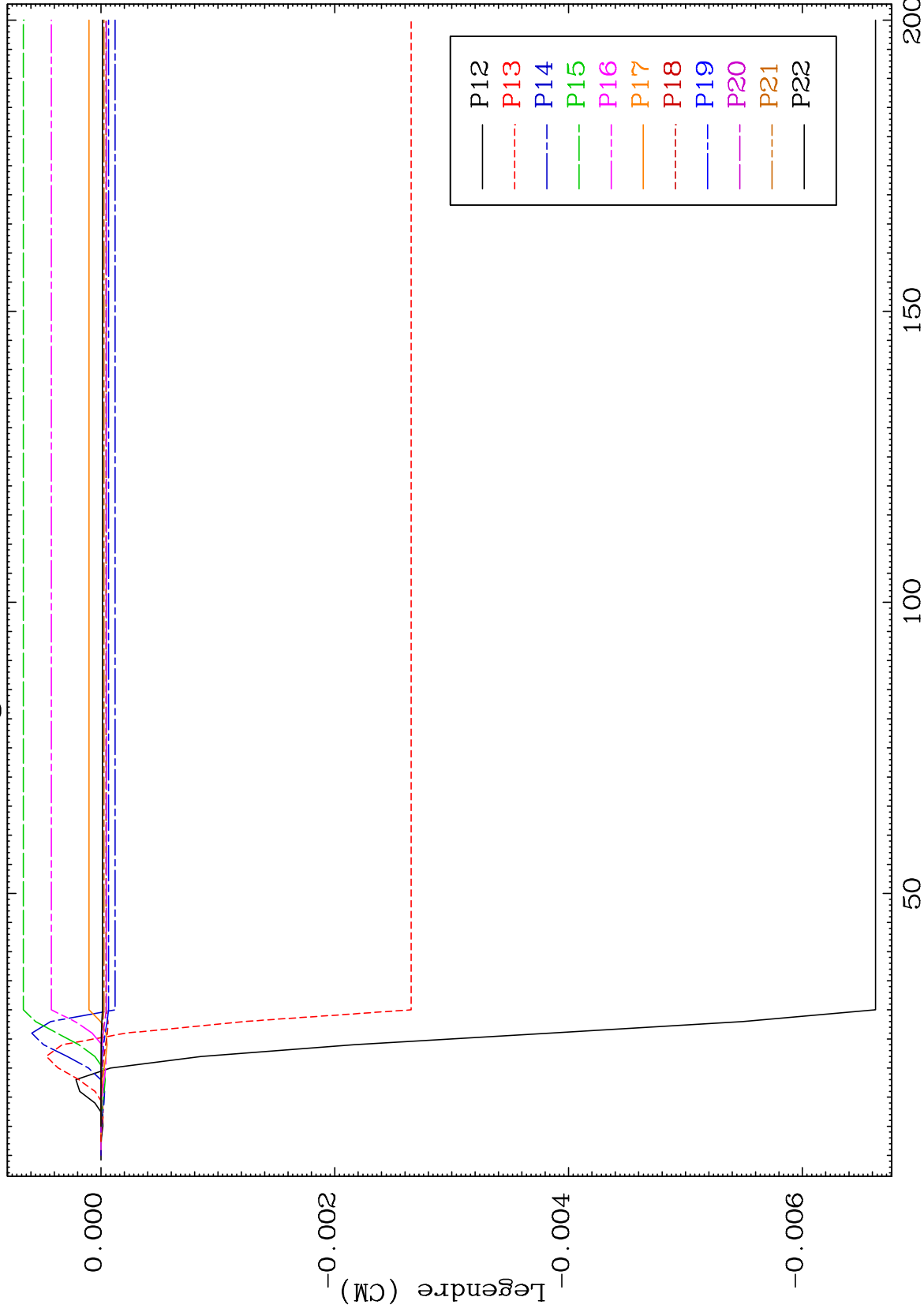
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



77

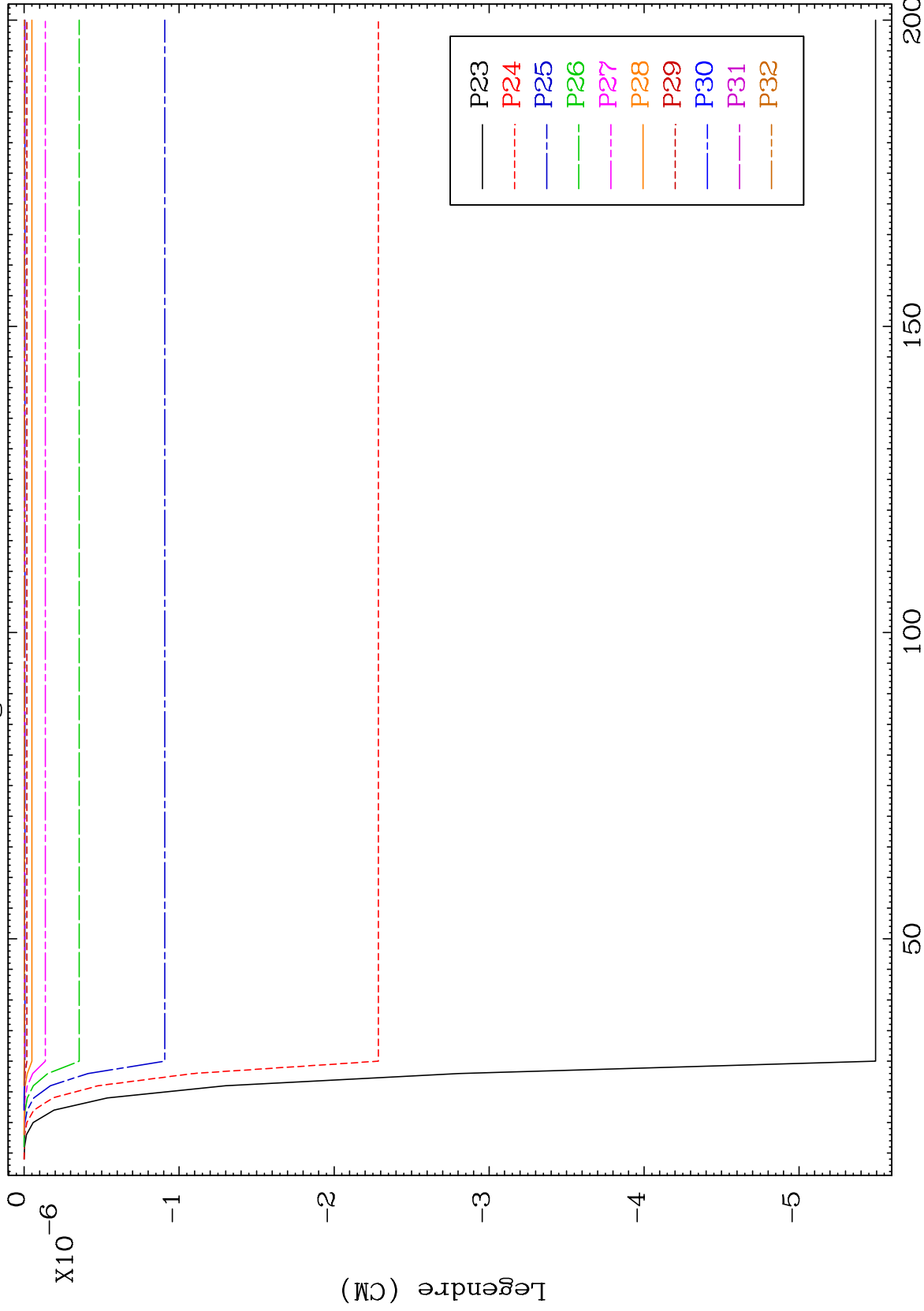
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



78

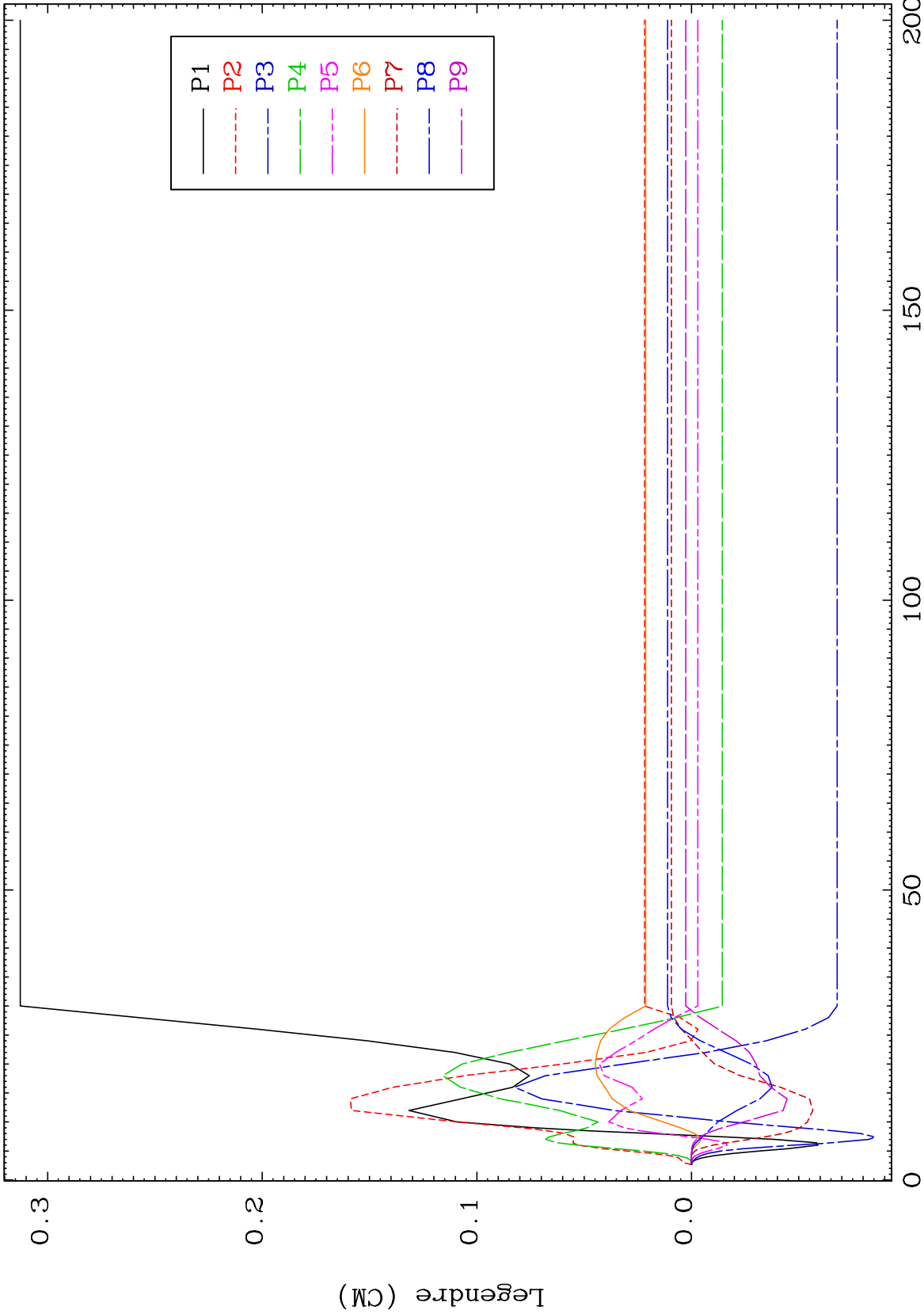
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



79

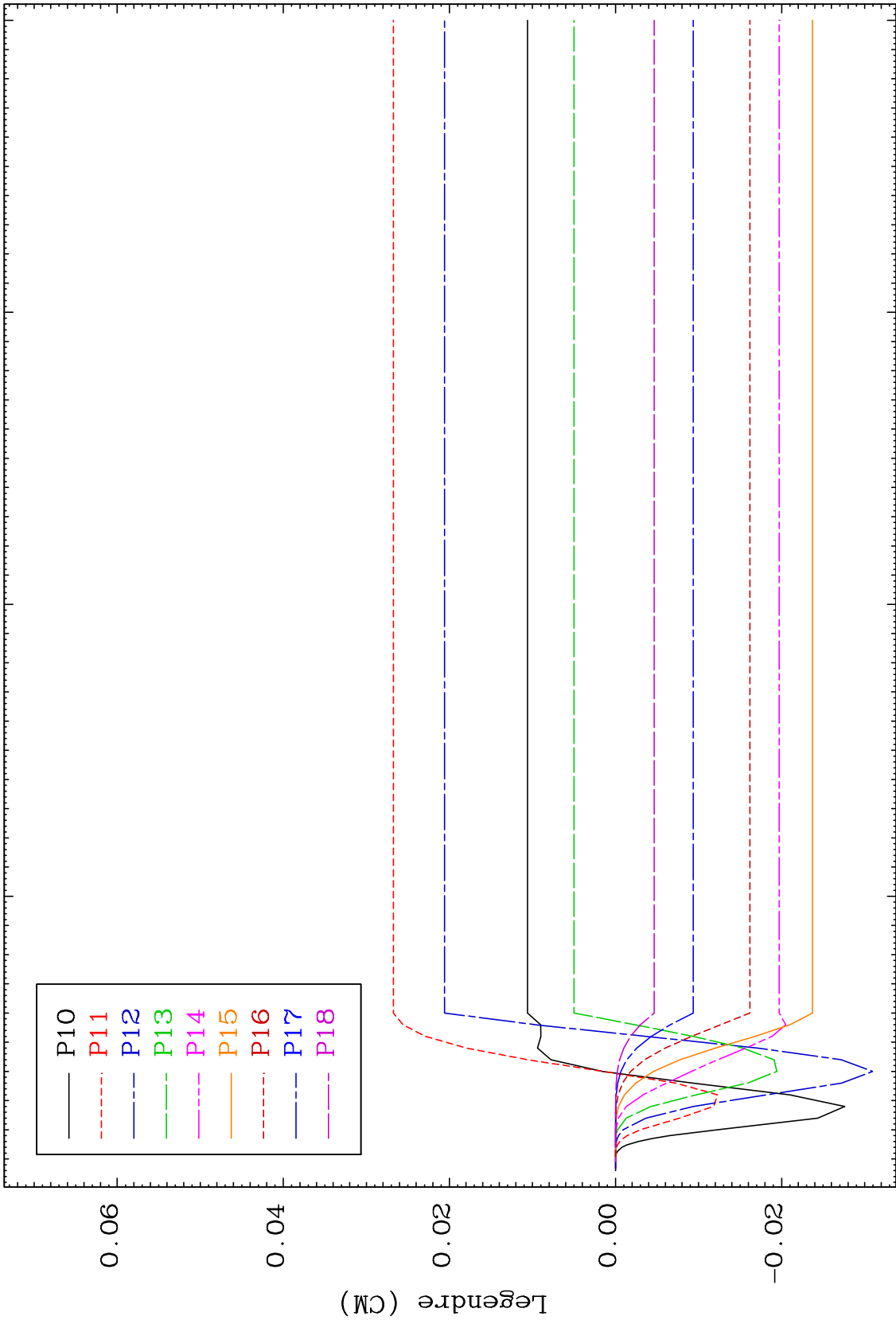
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



80

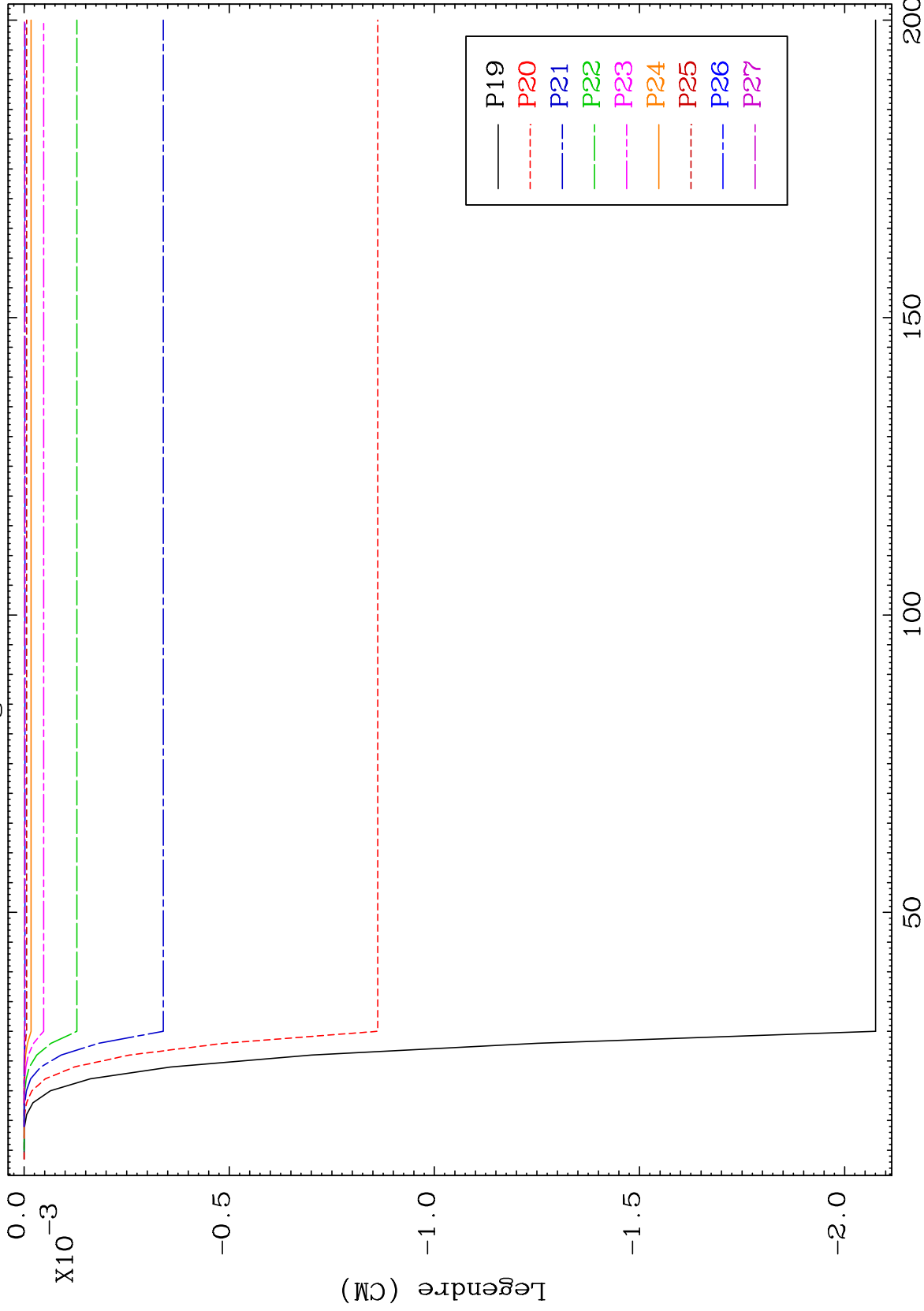
Incident Energy (MeV)

50

150

200

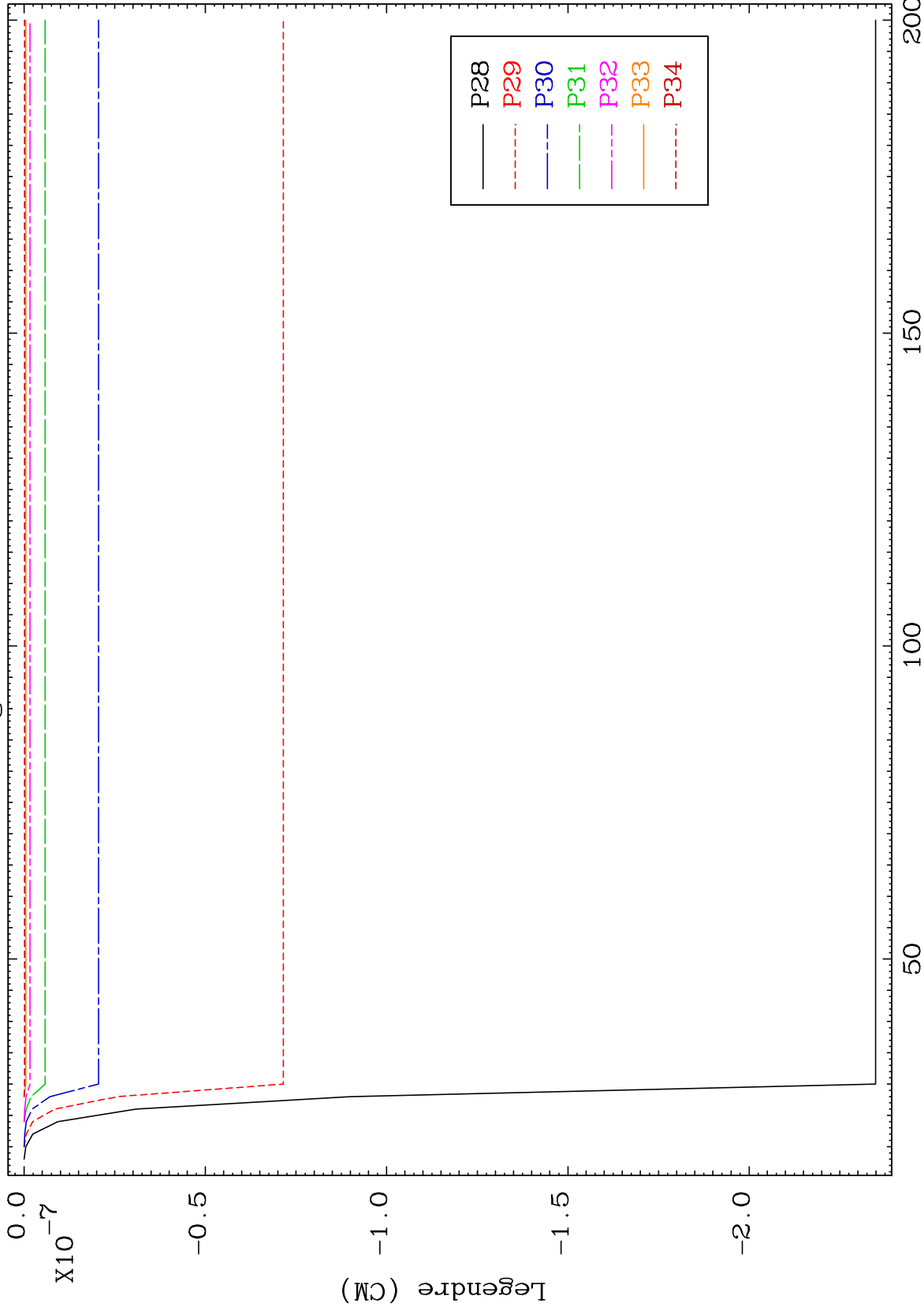
31-Ga-76



MAT 3146

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

31-Ga-76



31-Ga-76

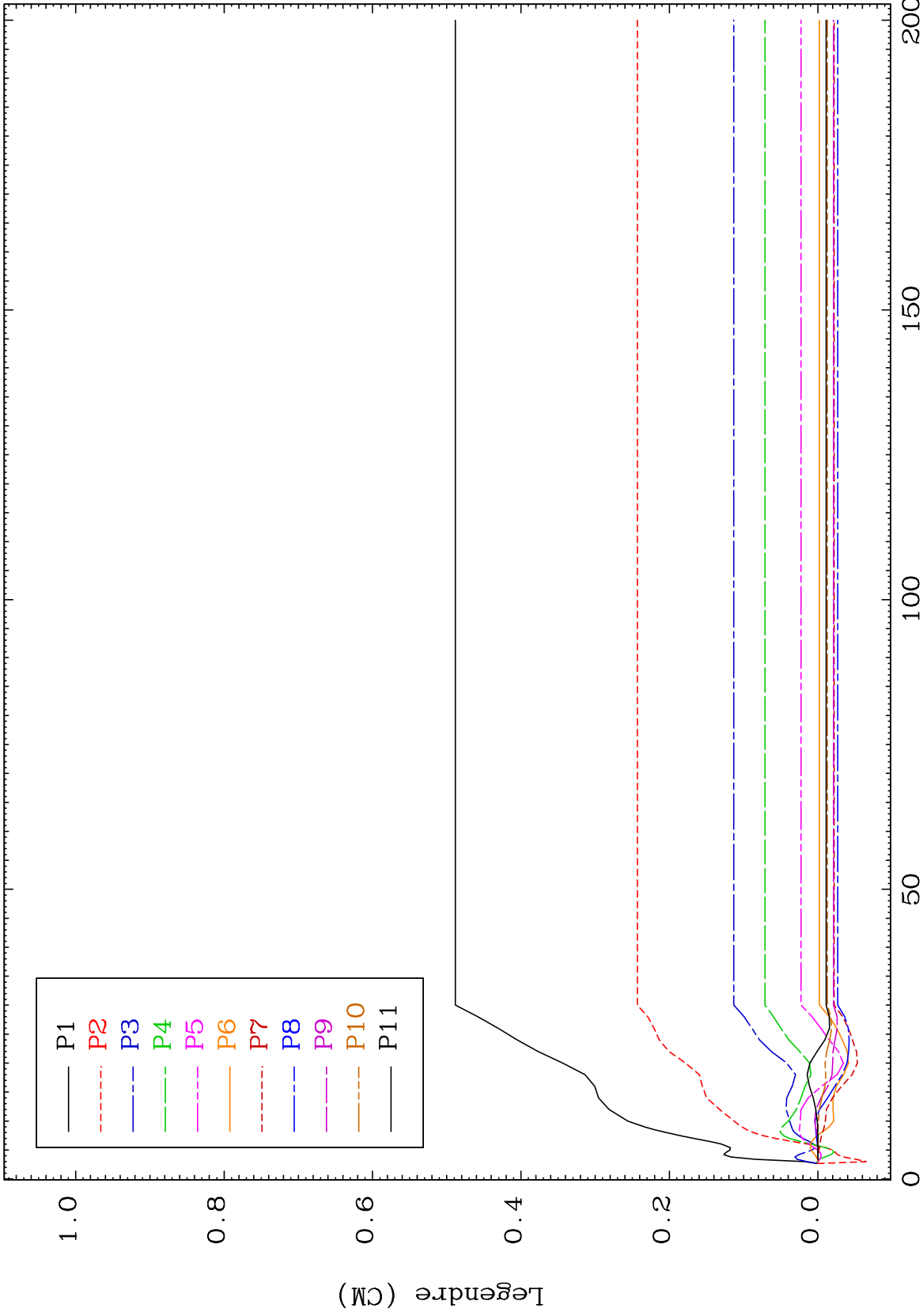
Incident Energy (MeV)

82

MAT 3146

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

31-Ga-76



83

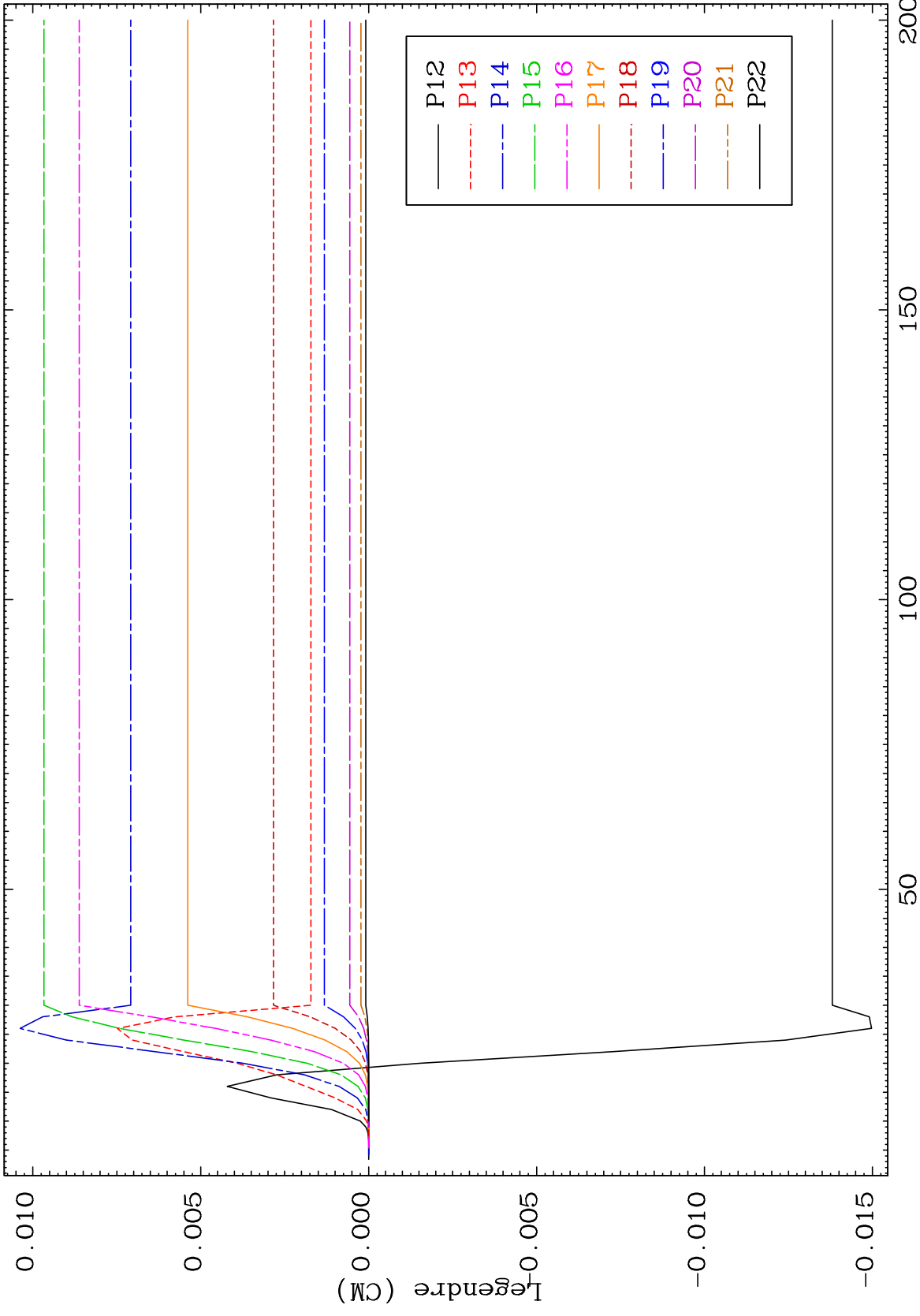
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



84

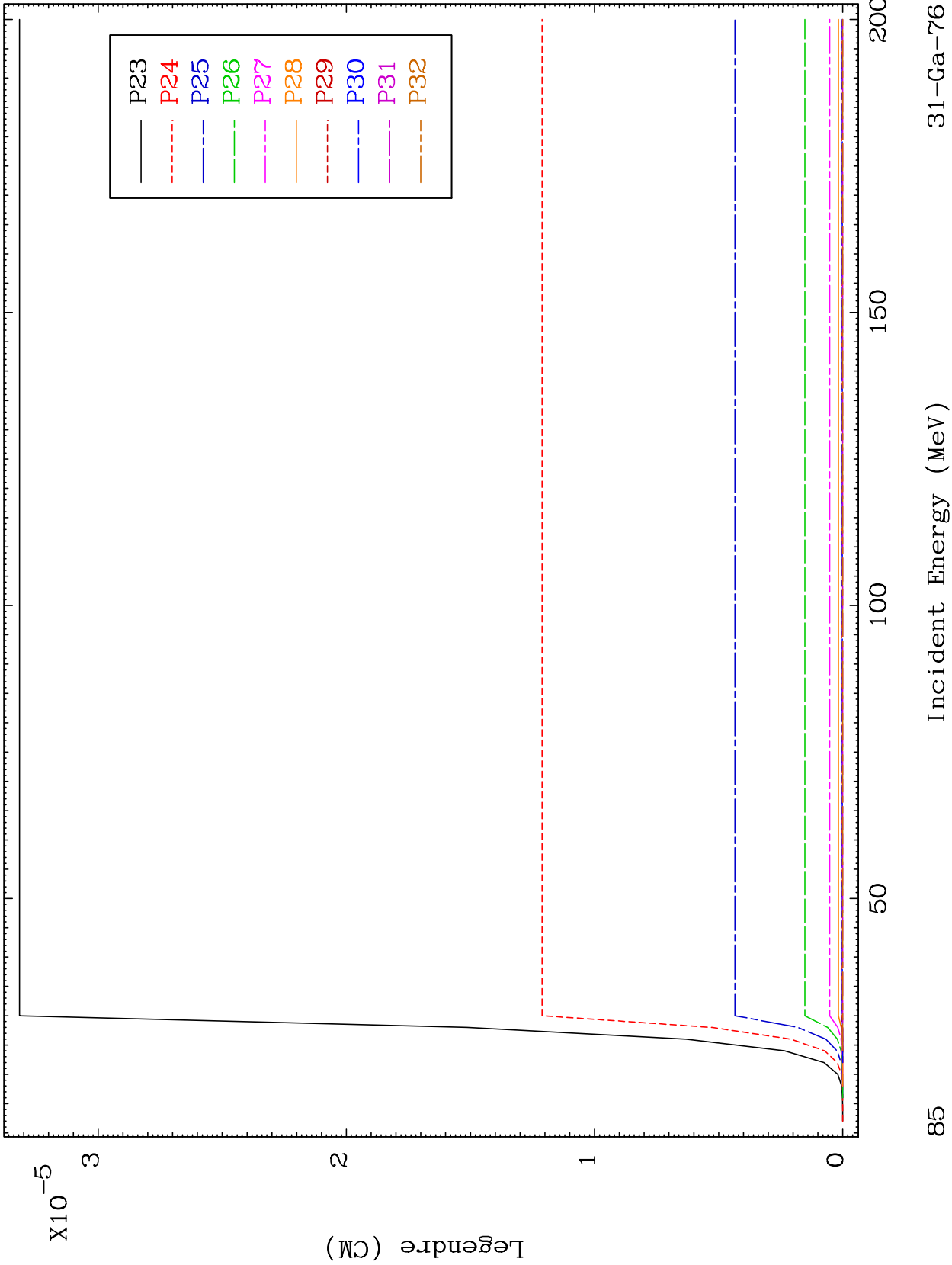
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

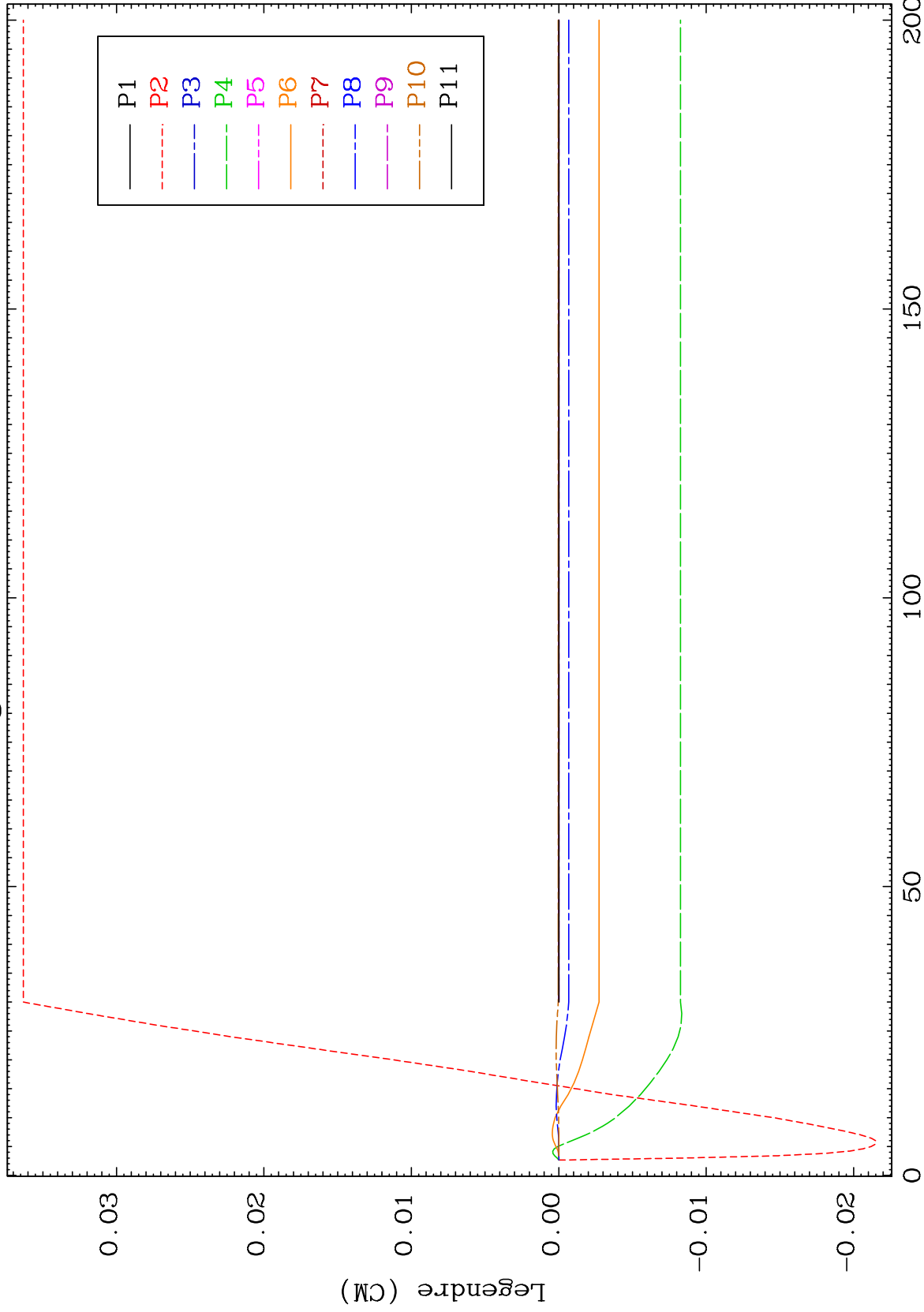
31-Ga-76



MAT 3146

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

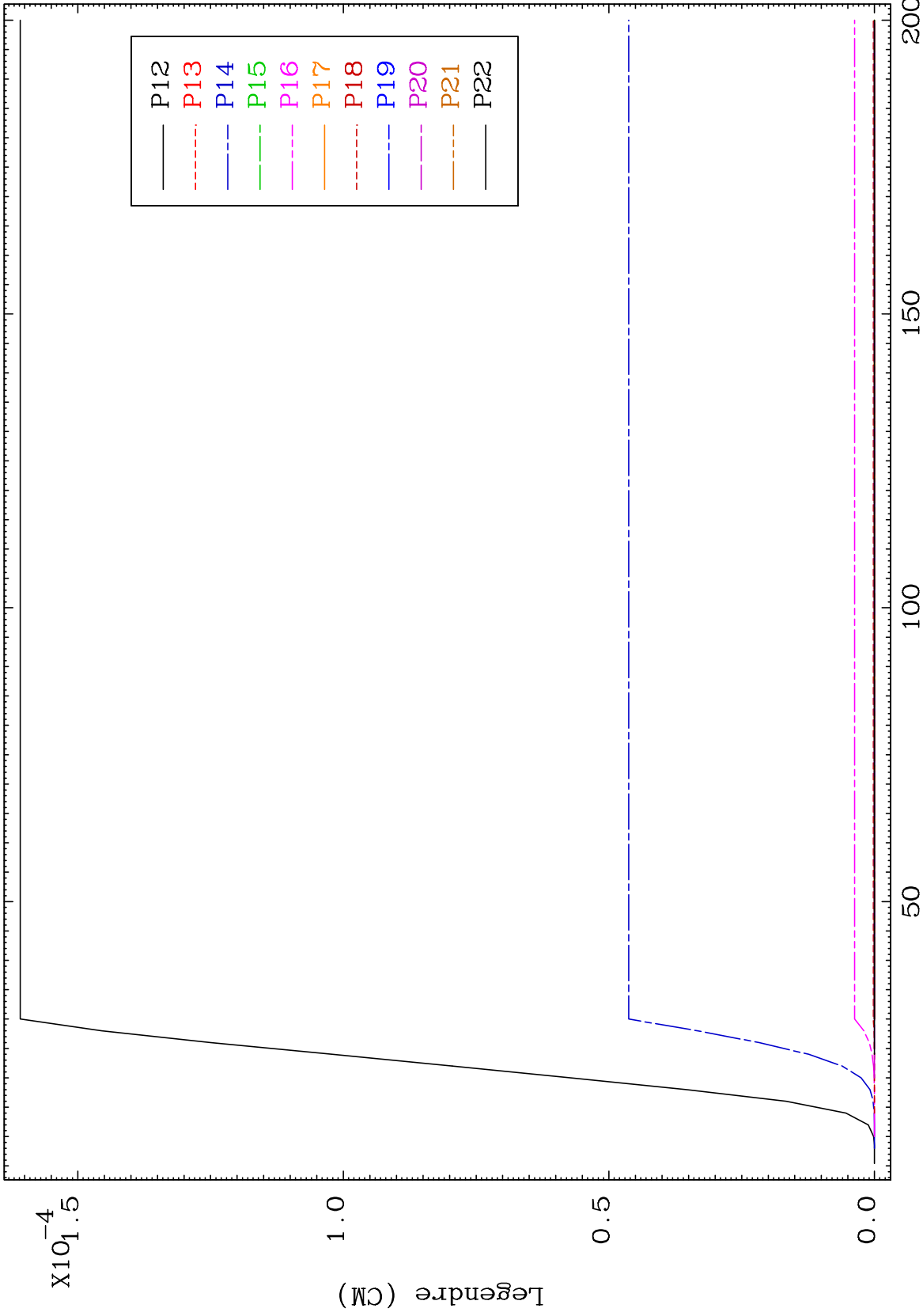
31-Ga-76



MAT 3146

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

31-Ga-76



87

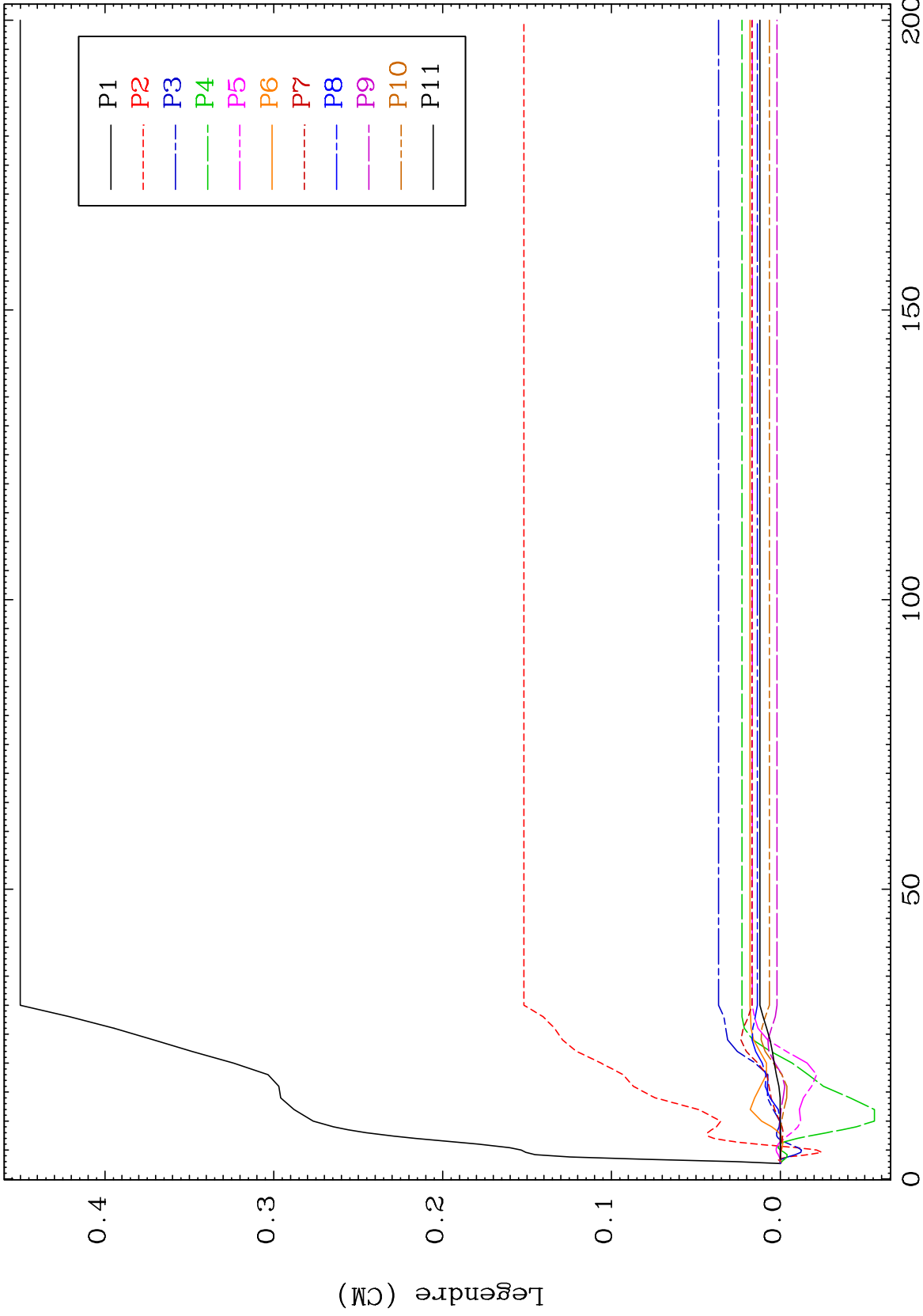
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



88

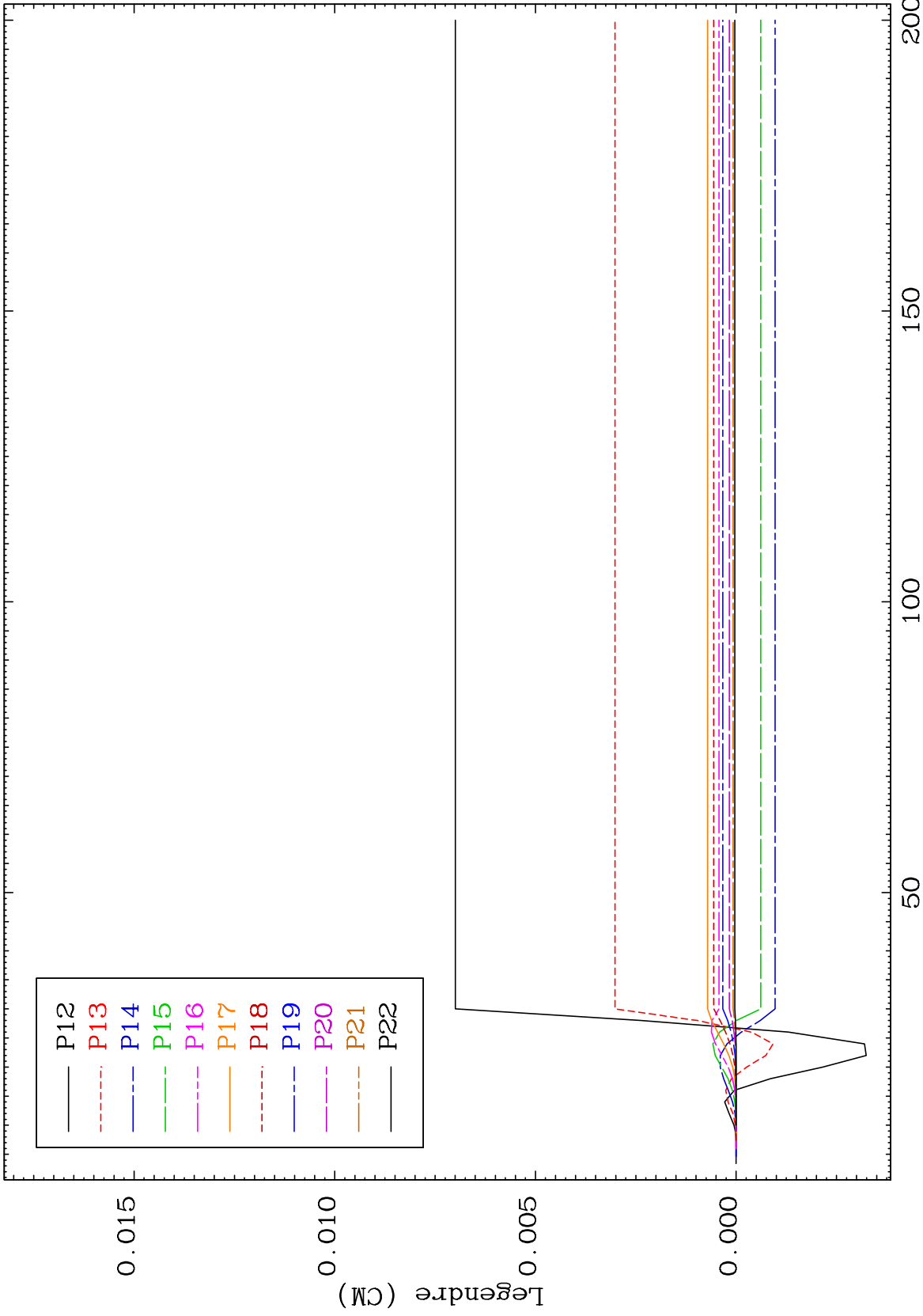
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



89

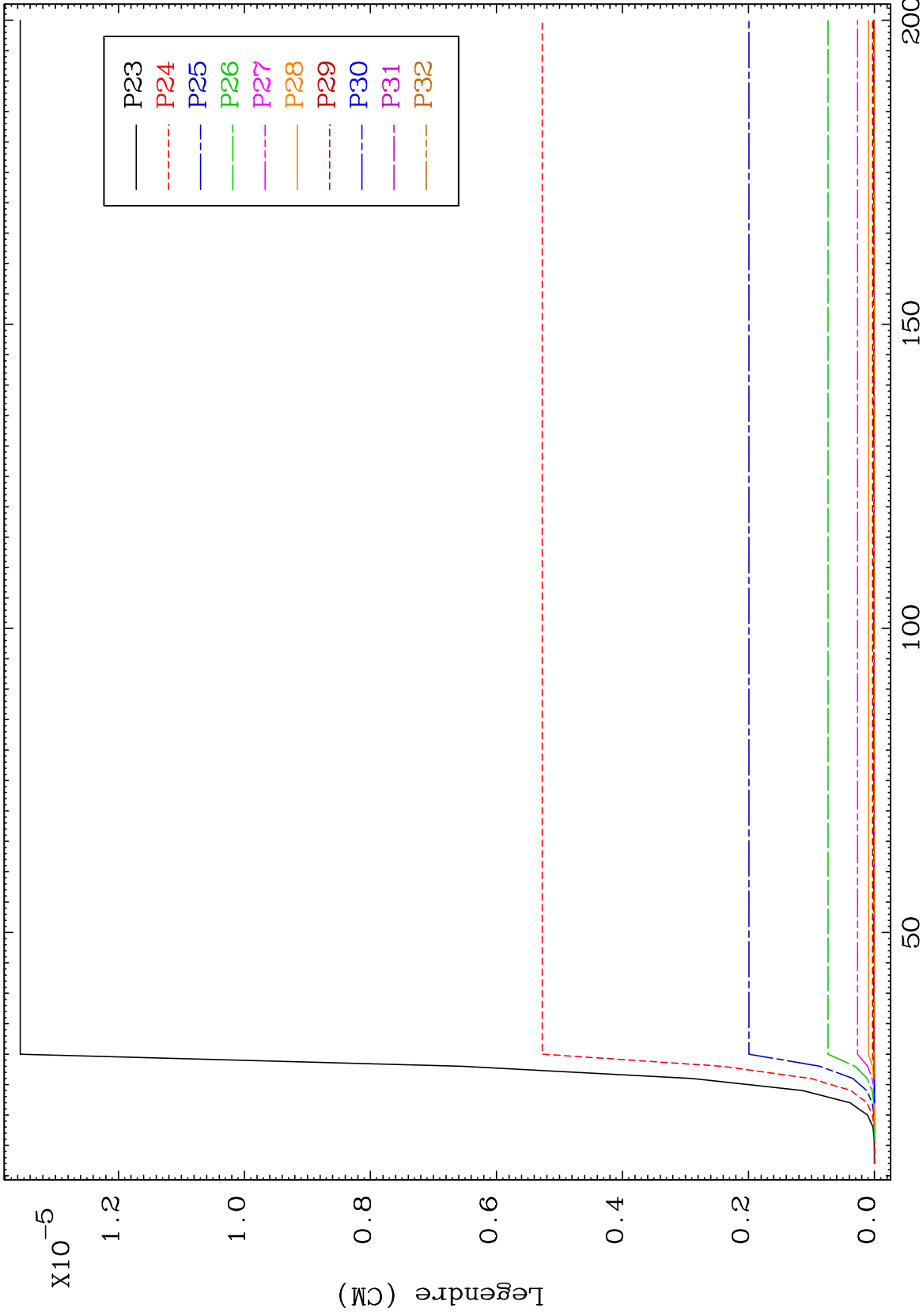
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



90

Incident Energy (MeV)

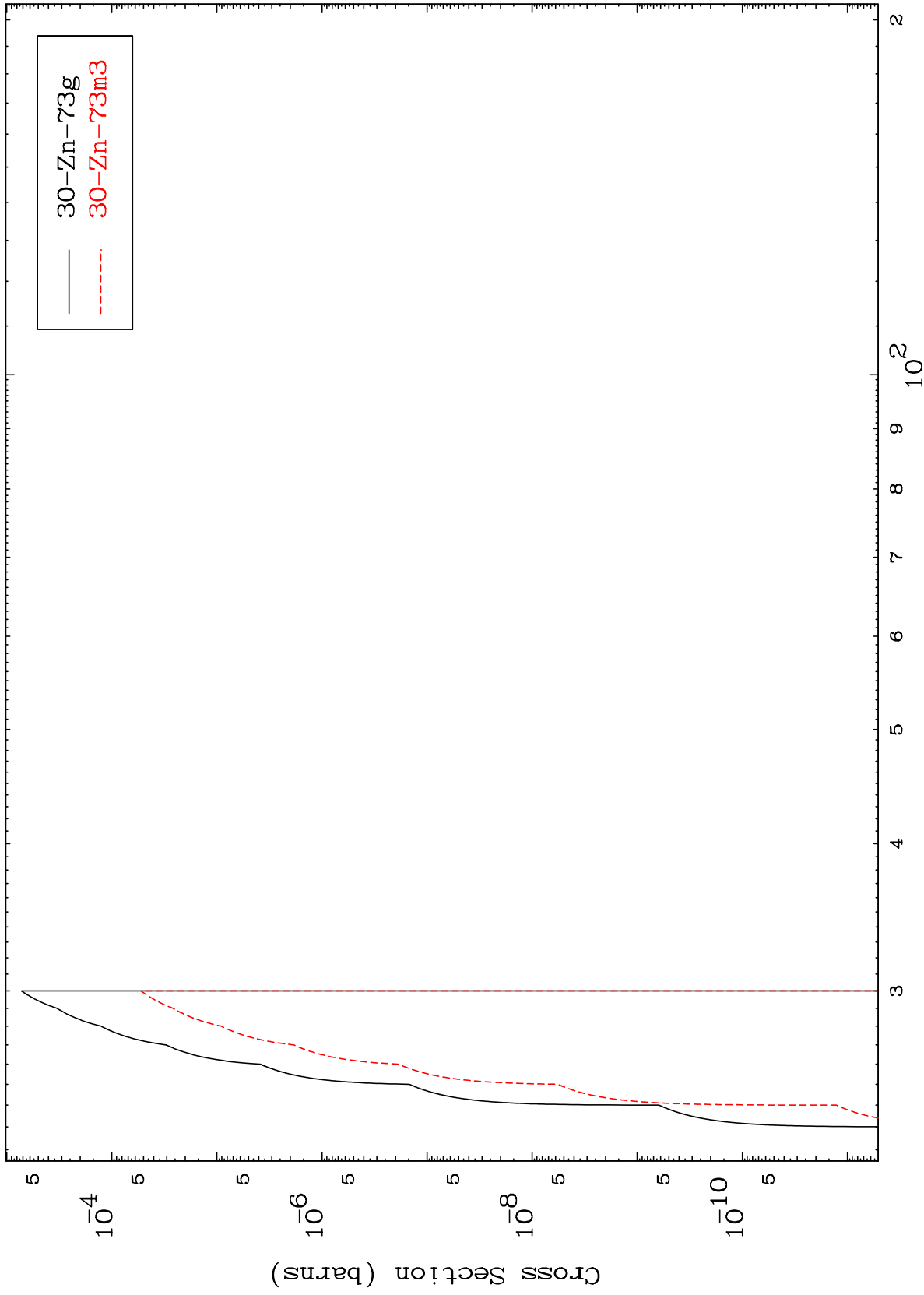
31-Ga-76

MAT 3146

(n,2n) d

31-Ga-76

Radionuclide Production Cross Section



91

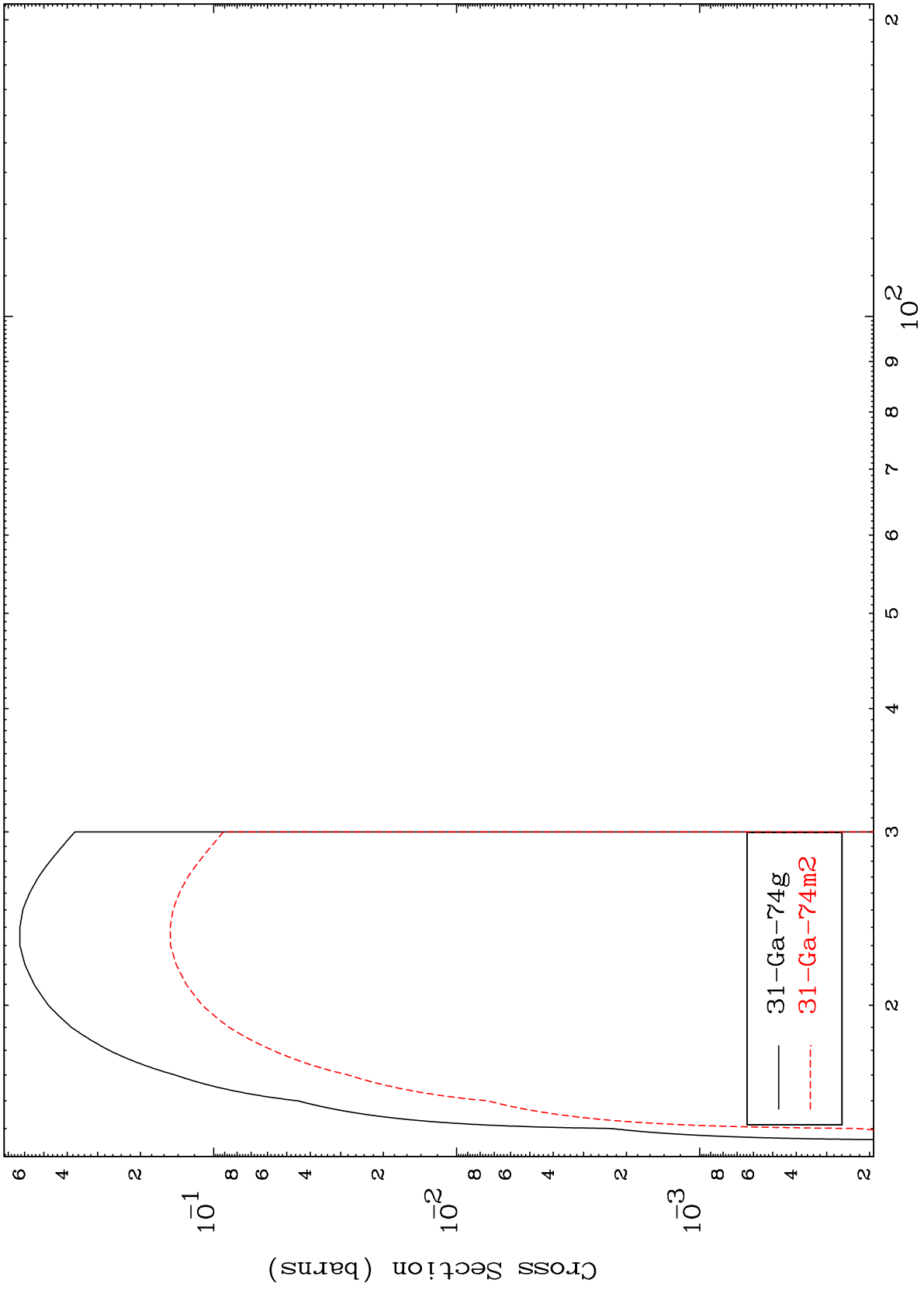
Incident Energy (MeV)

31-Ga-76

MAT 3146

31-Ga-76

(n,3n)
Radionuclide Production Cross Section



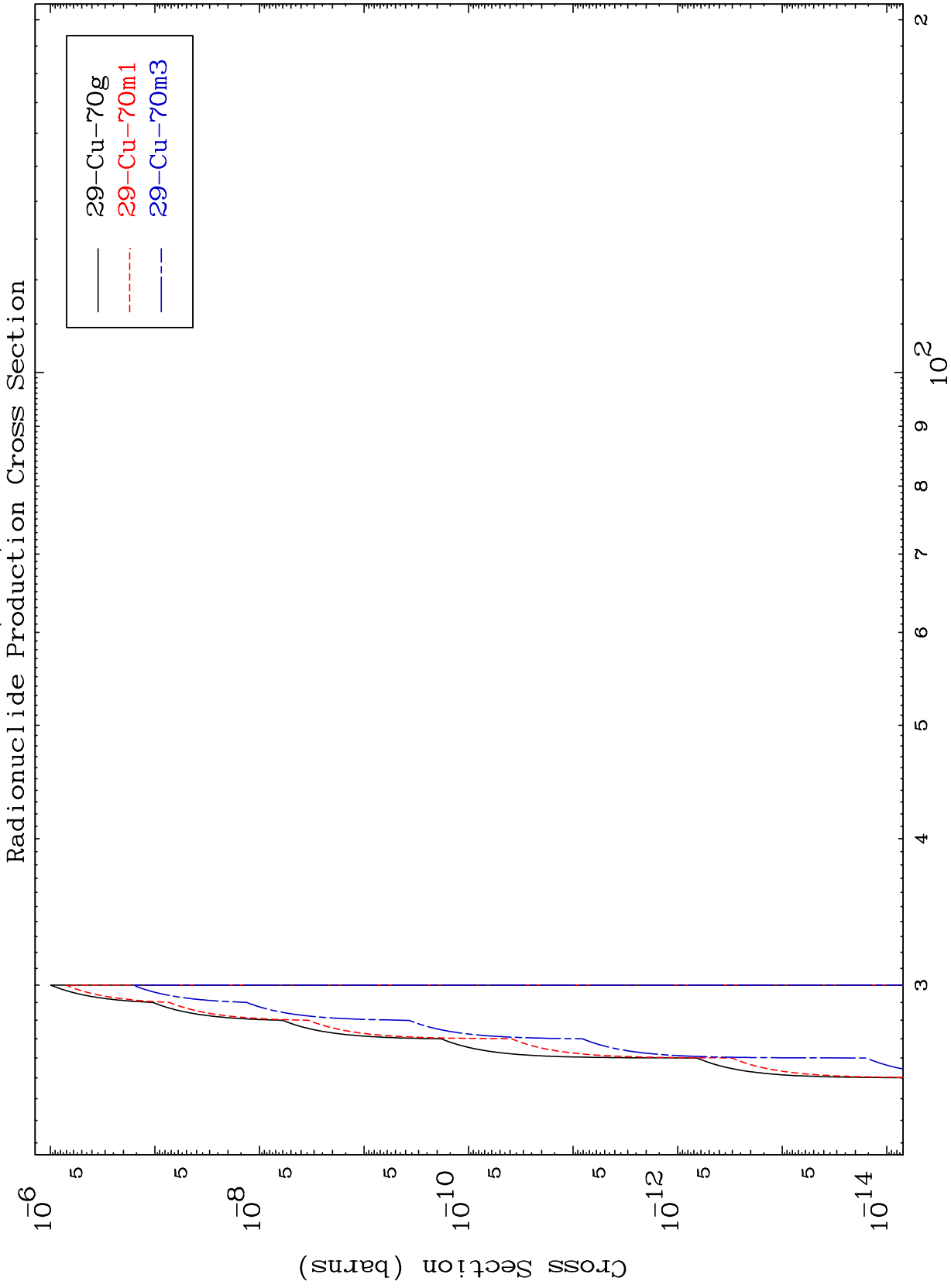
92

31-Ga-76

MAT 3146

(n,3n) α

31-Ga-76



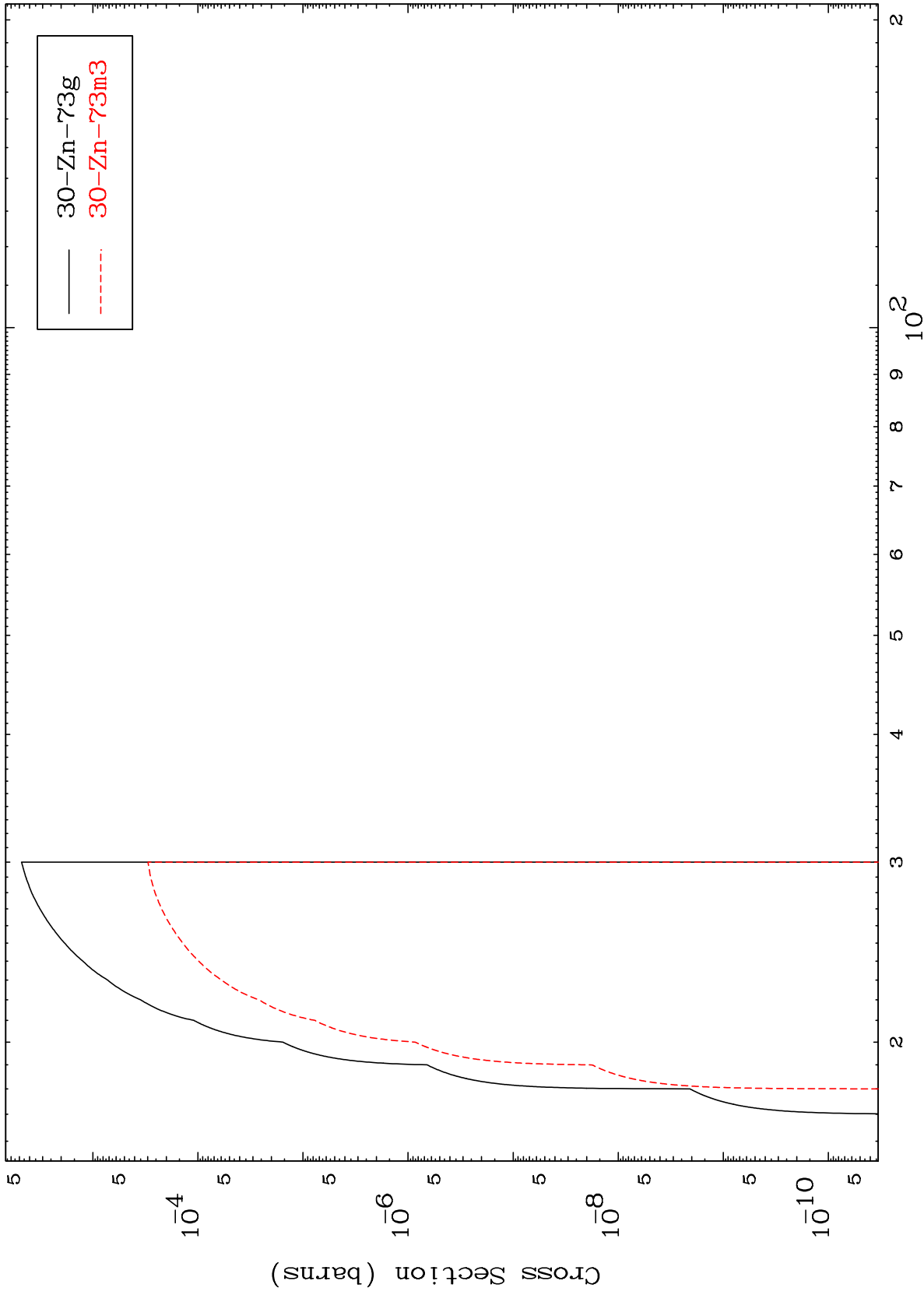
93

MAT 3146

(n,n') t

31-Ga-76

Radionuclide Production Cross Section



94

Incident Energy (MeV)

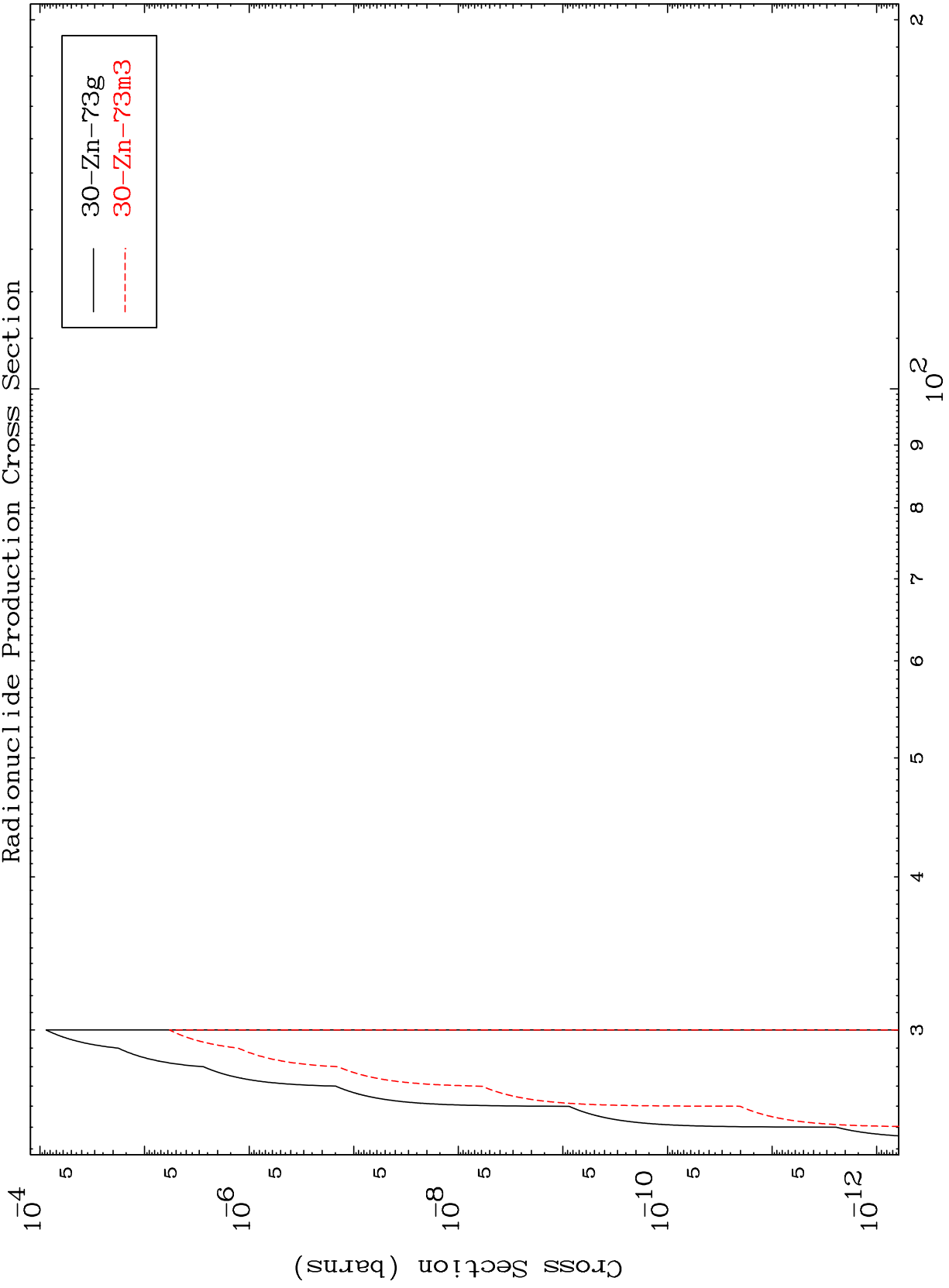
31-Ga-76

MAT 3146

(n,3n) p

31-Ga-76

Radionuclide Production Cross Section



95

Incident Energy (MeV)

31-Ga-76