

Program EVALPLOT
(Version 2018-1)

by

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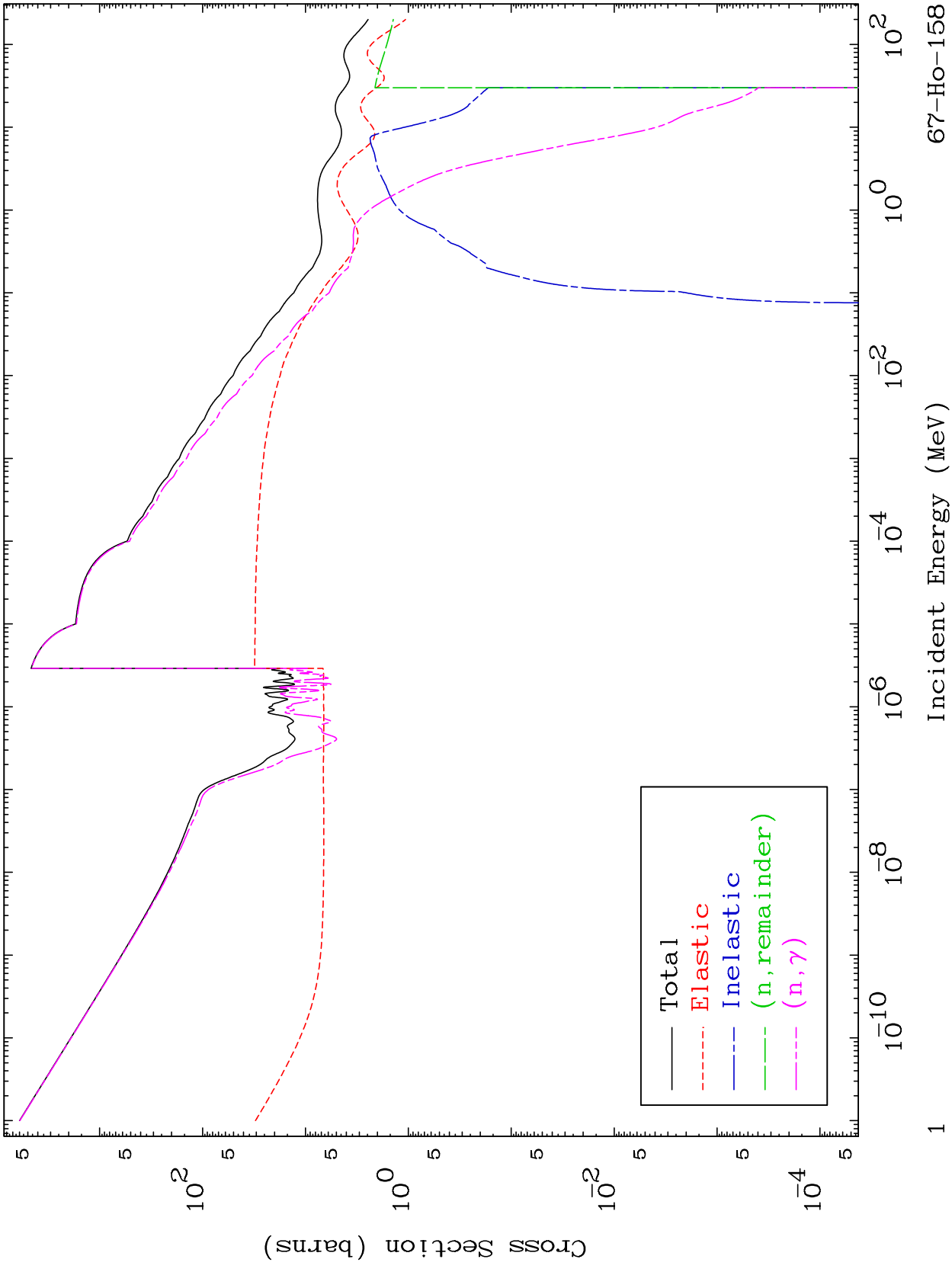
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6704

Major
293 Kelvin Cross Sections

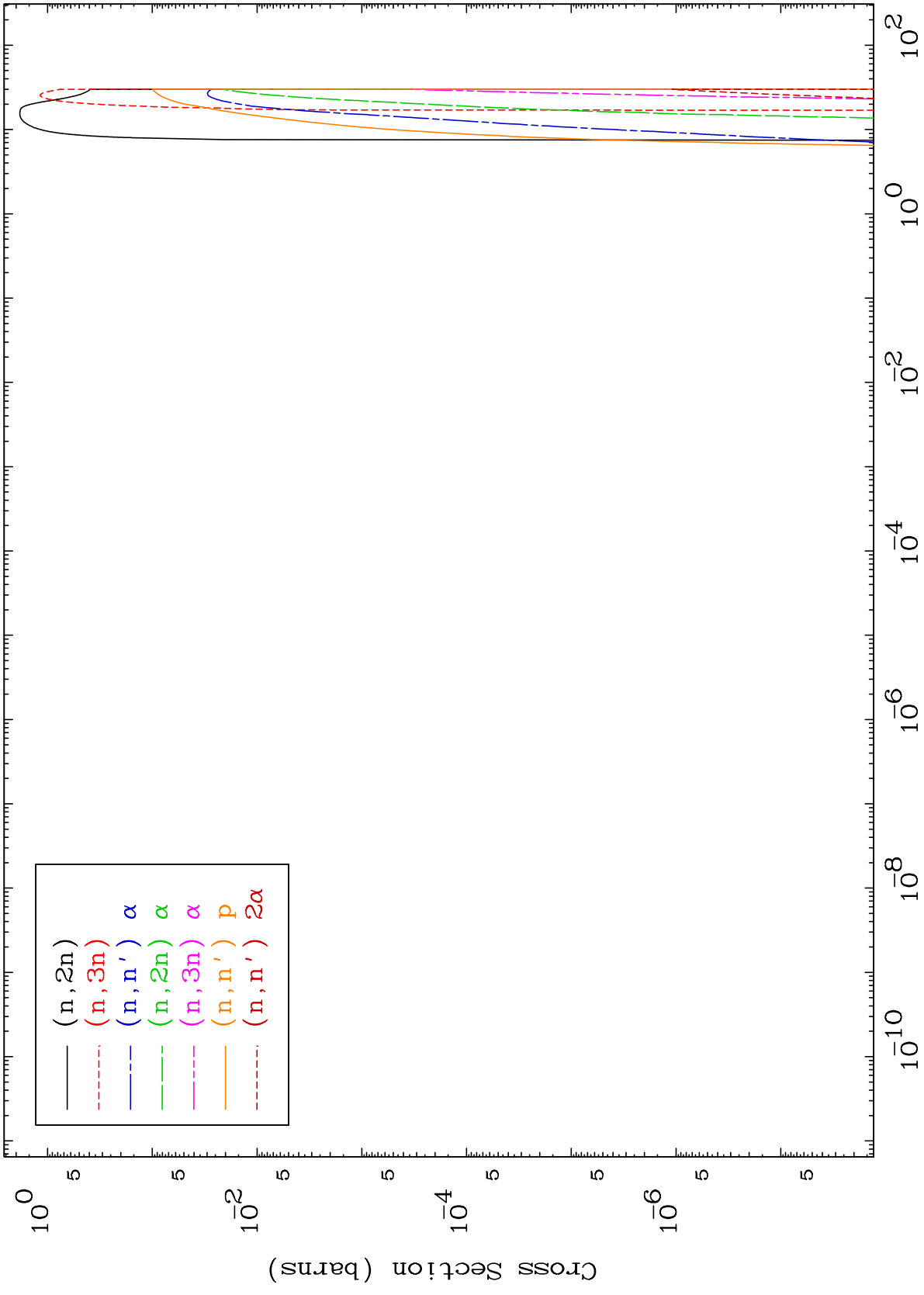
67-Ho-158



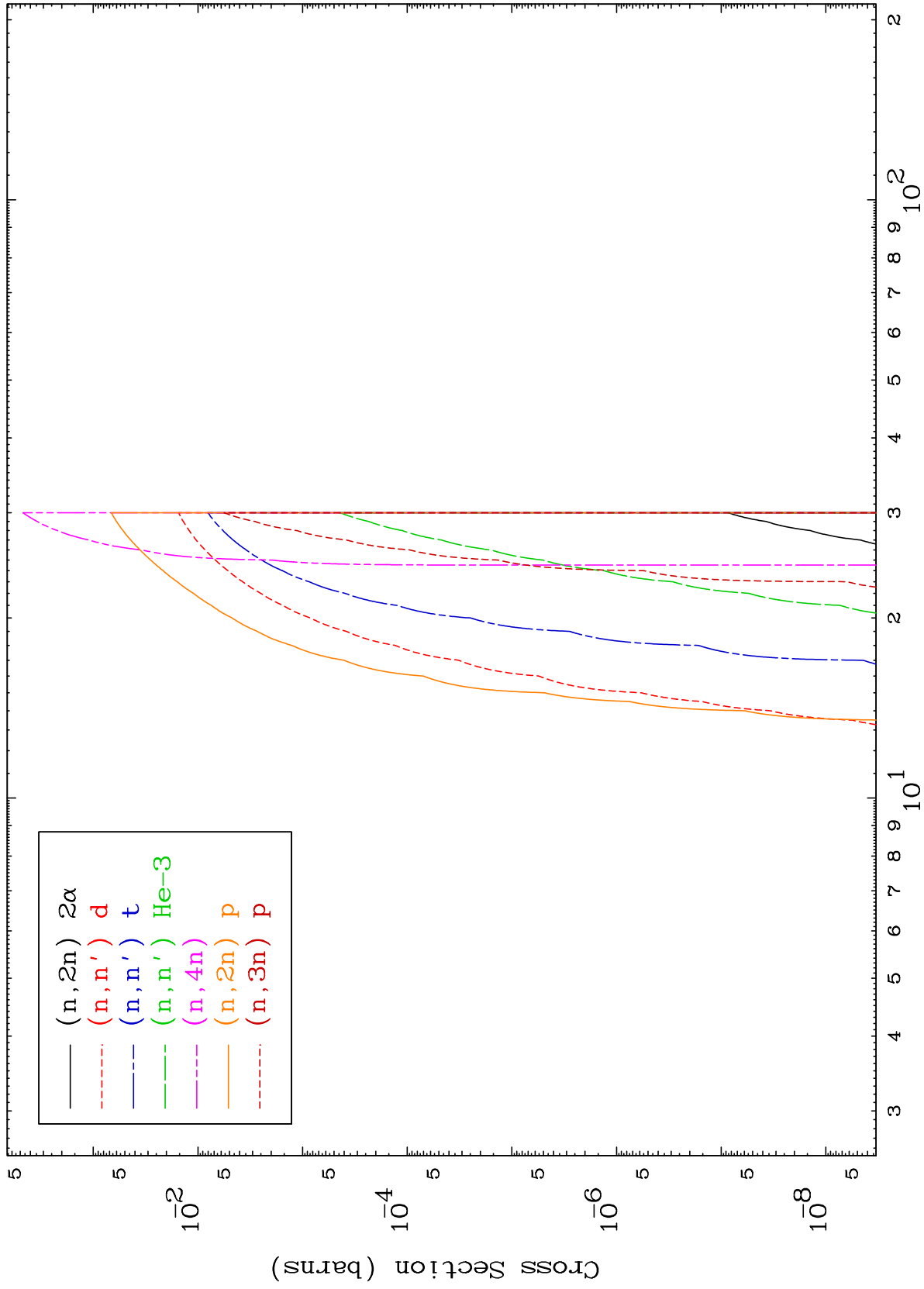
MAT 6704

Neutron Production
293 Kelvin Cross Sections

67-Ho-158



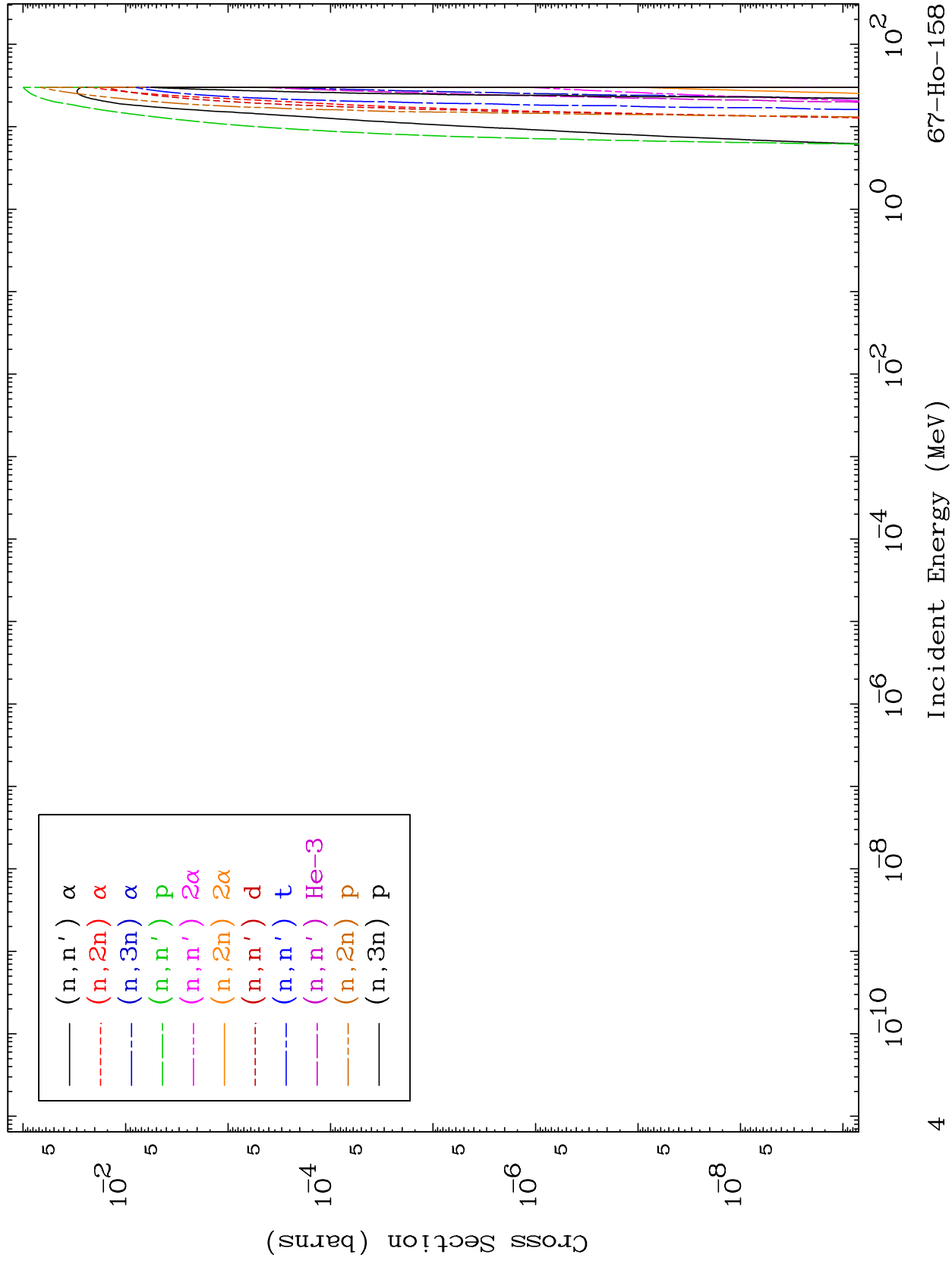
67-Ho-158



MAT 6704

Charged Particle
293 Kelvin Cross Sections

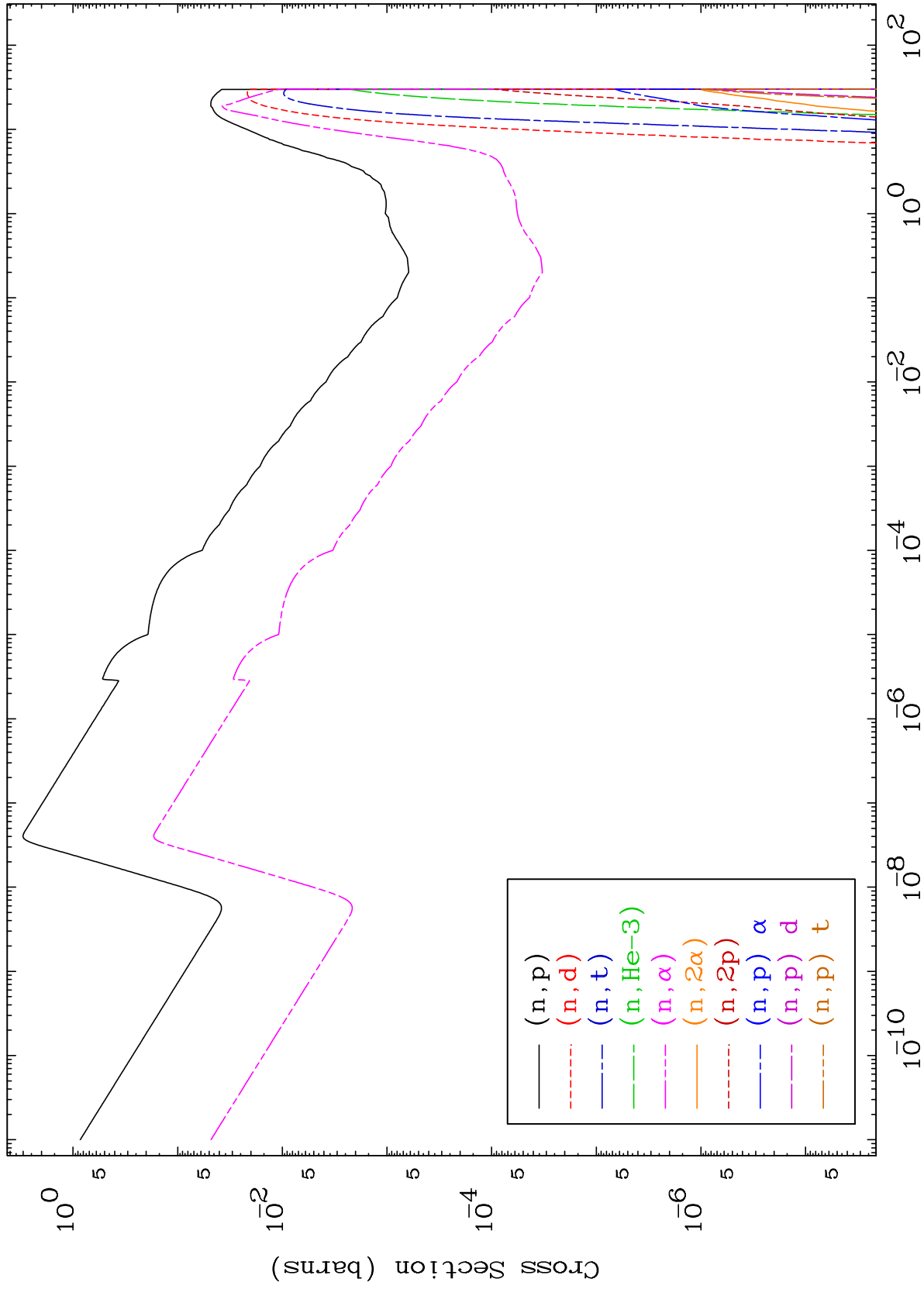
67-Ho-158



MAT 6704

Charged Particle
293 Kelvin Cross Sections

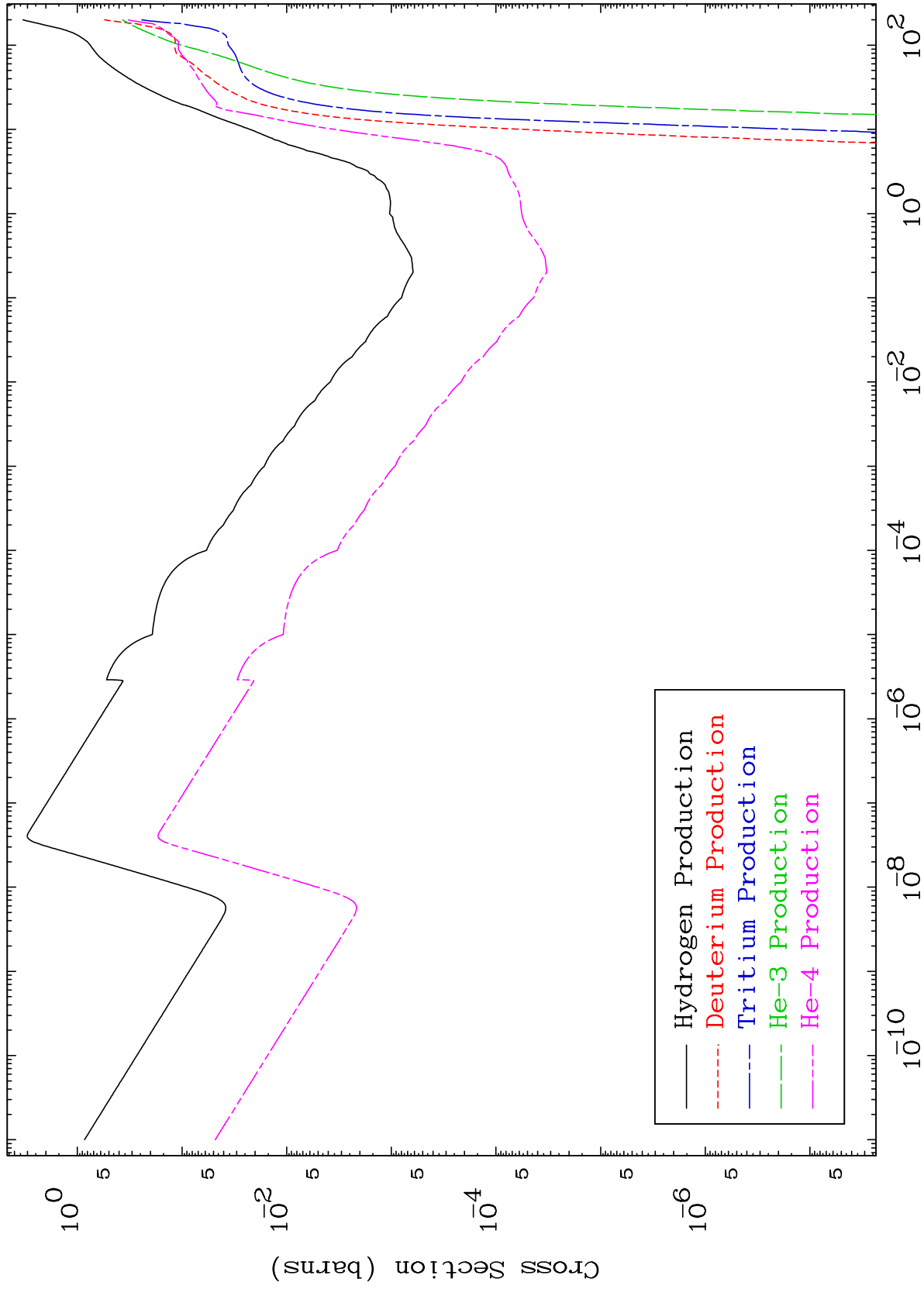
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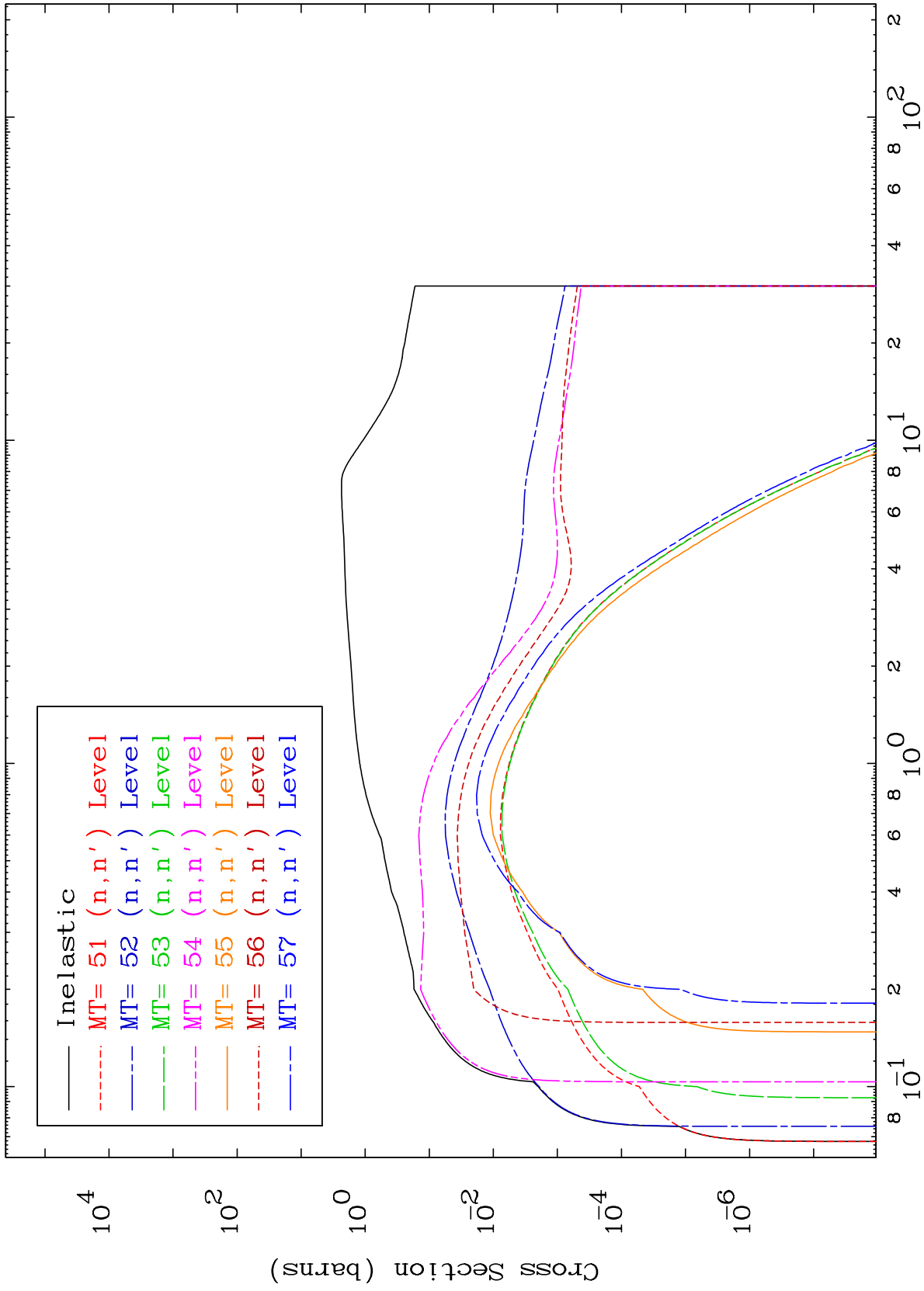


MAT 6704

Particle Production
293 Kelvin Cross Sections

67-Ho-158



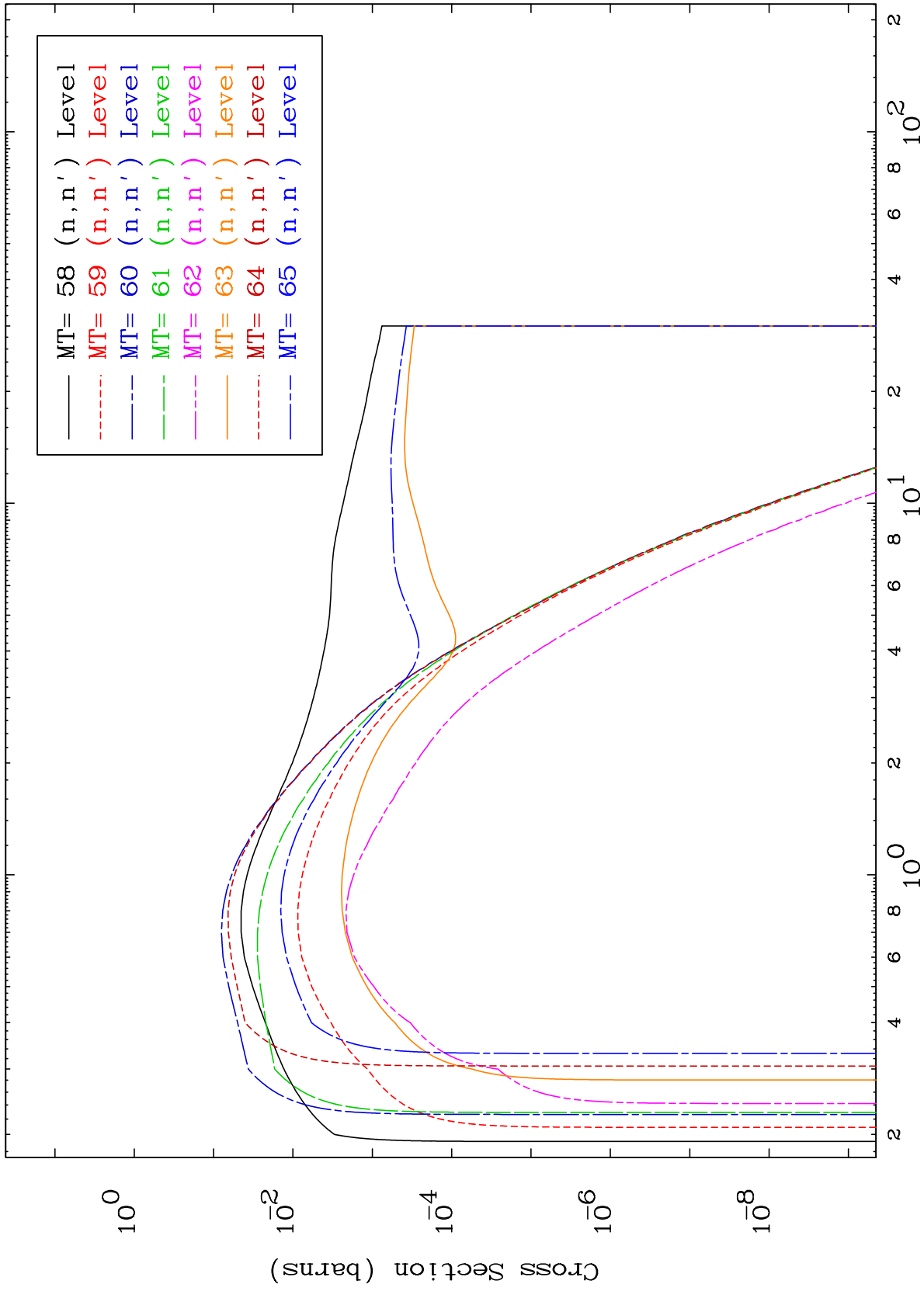


MAT 6704

(n,n') Level

67-Ho-158

293 Kelvin Cross Sections



8

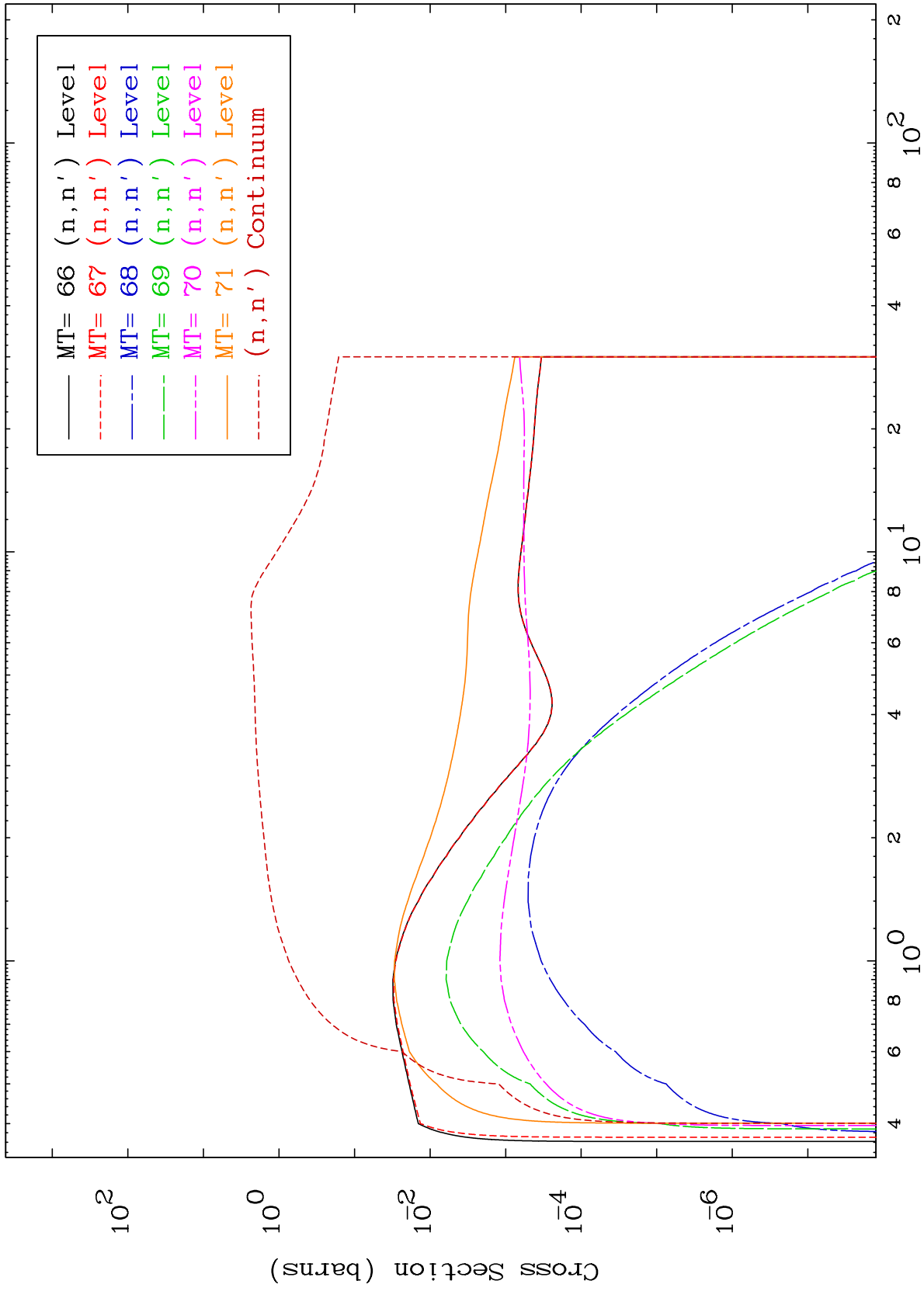
Incident Energy (MeV)

67-Ho-158

MAT 6704

(n,n') Level
293 Kelvin Cross Sections

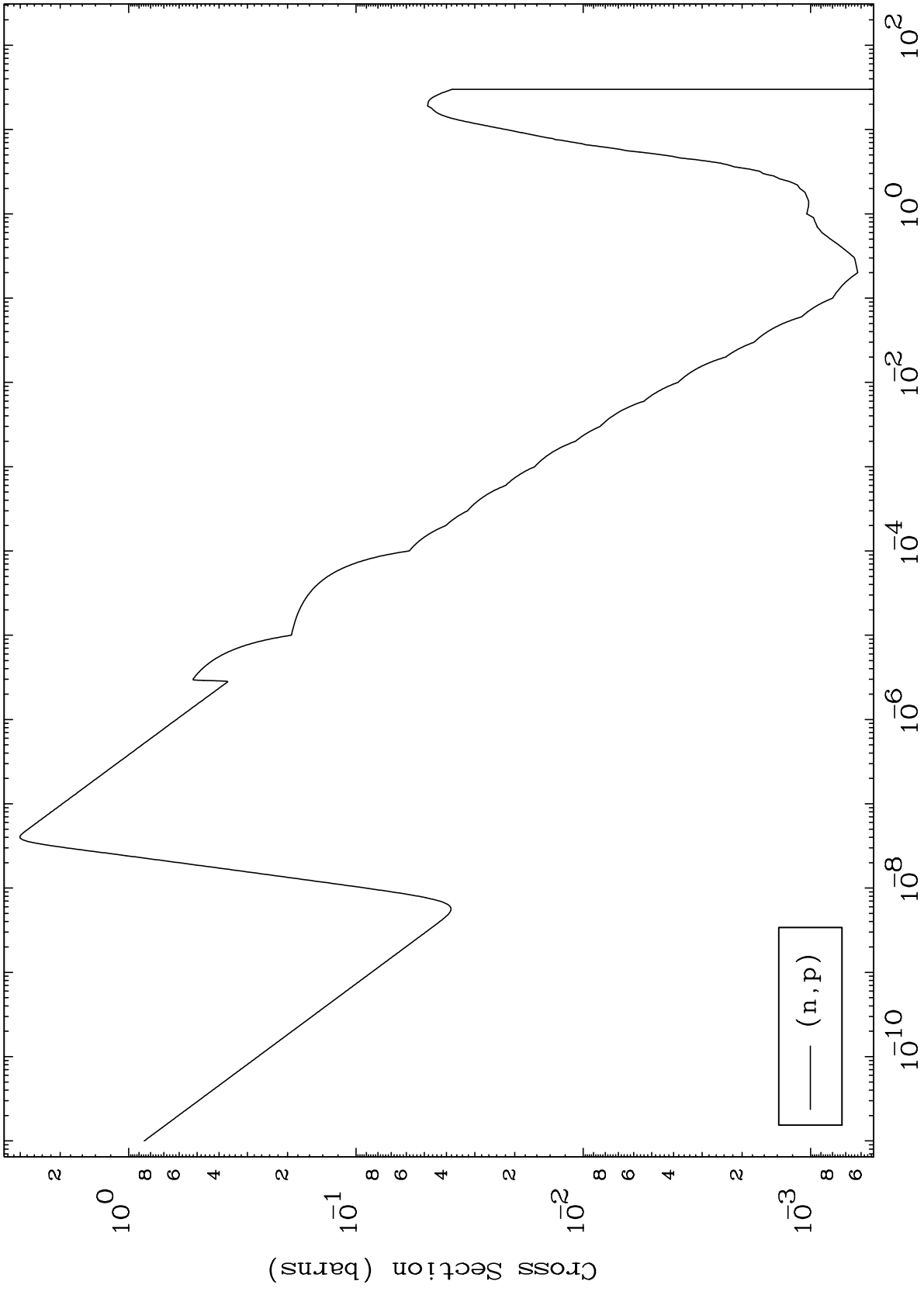
67-Ho-158



MAT 6704

(n,p) Levels
293 Kelvin Cross Sections

67-Ho-158



10

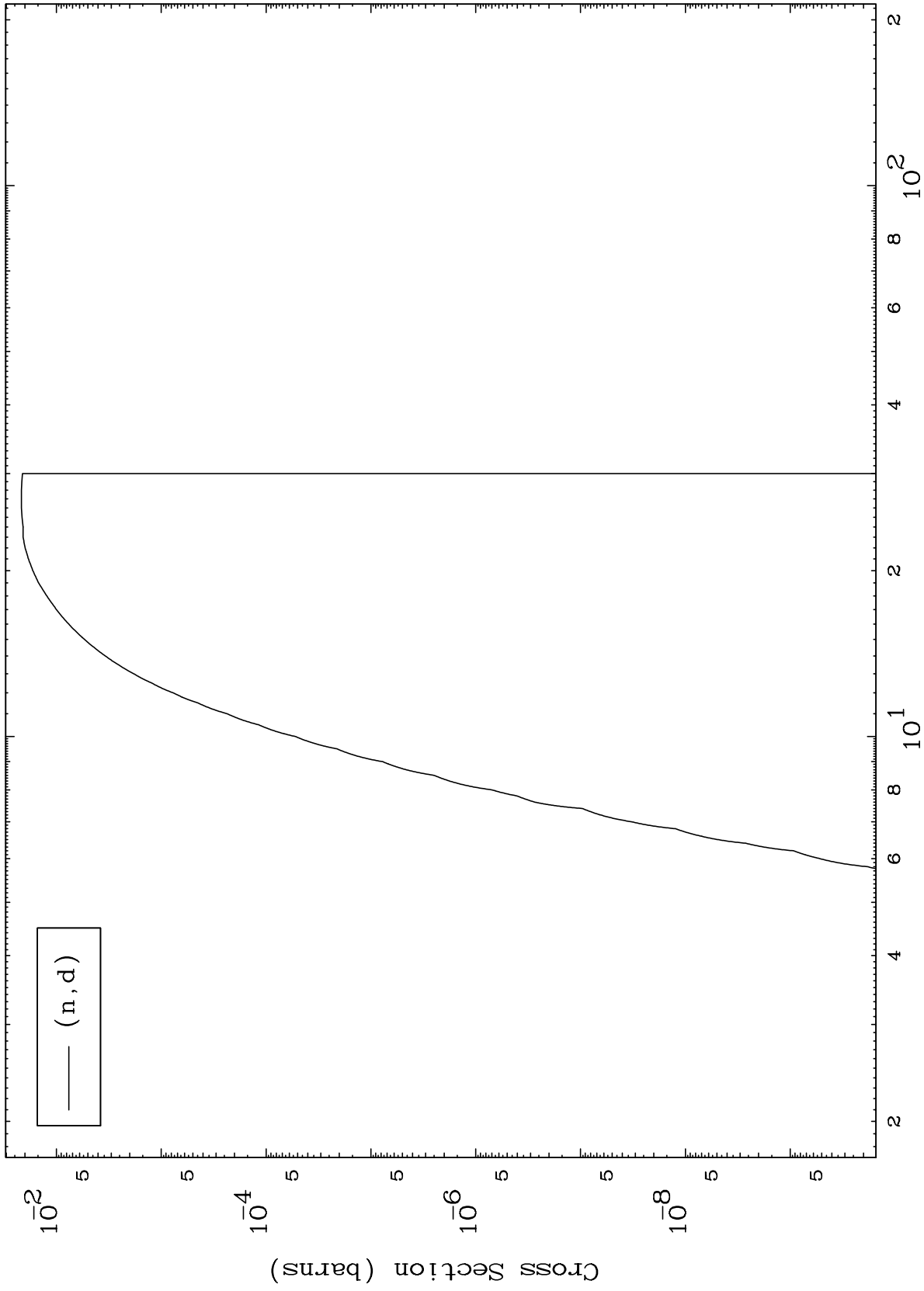
Incident Energy (MeV)

67-Ho-158

MAT 6704

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-158



11

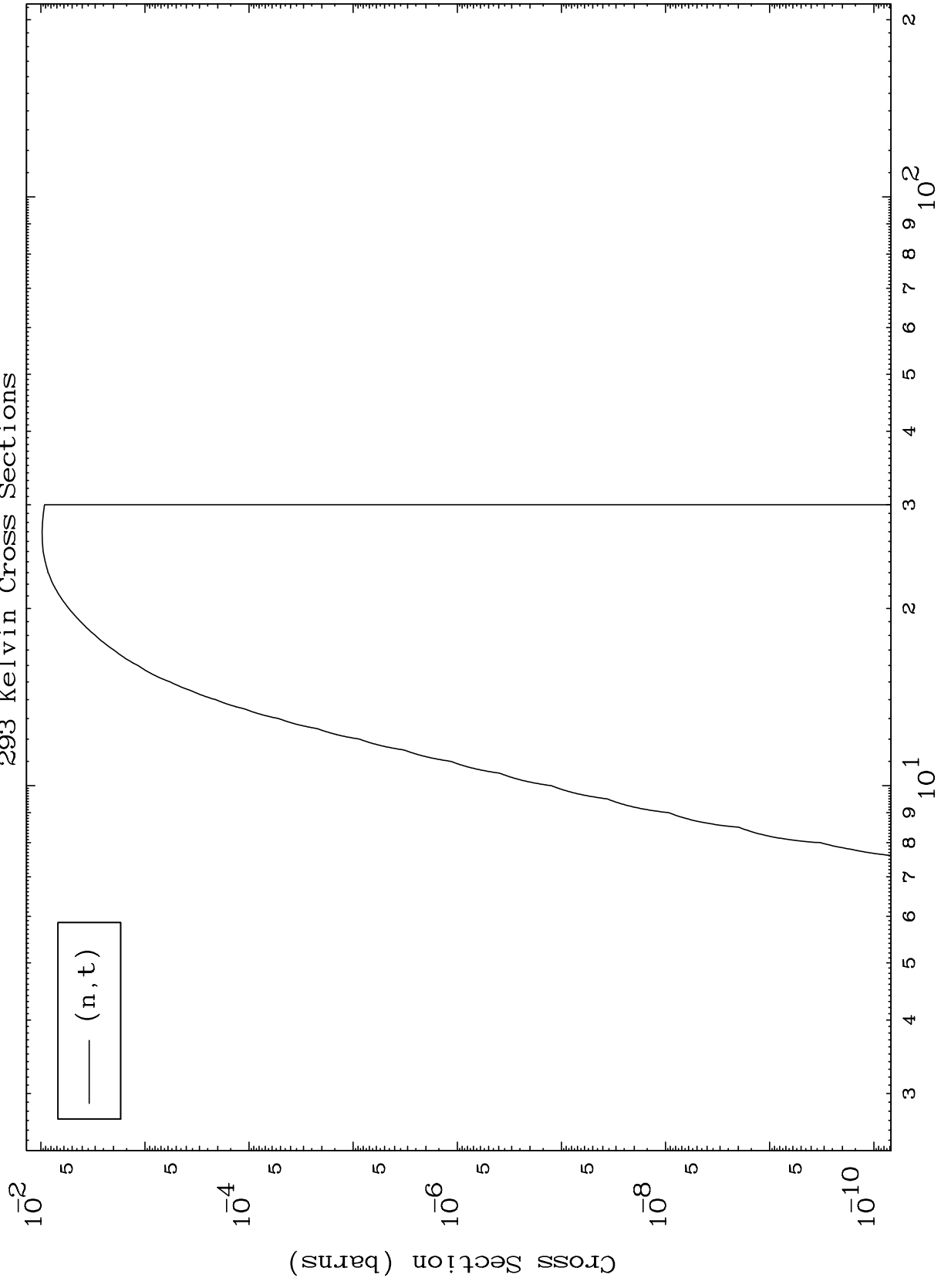
Incident Energy (MeV)

67-Ho-158

MAT 6704

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-158



12

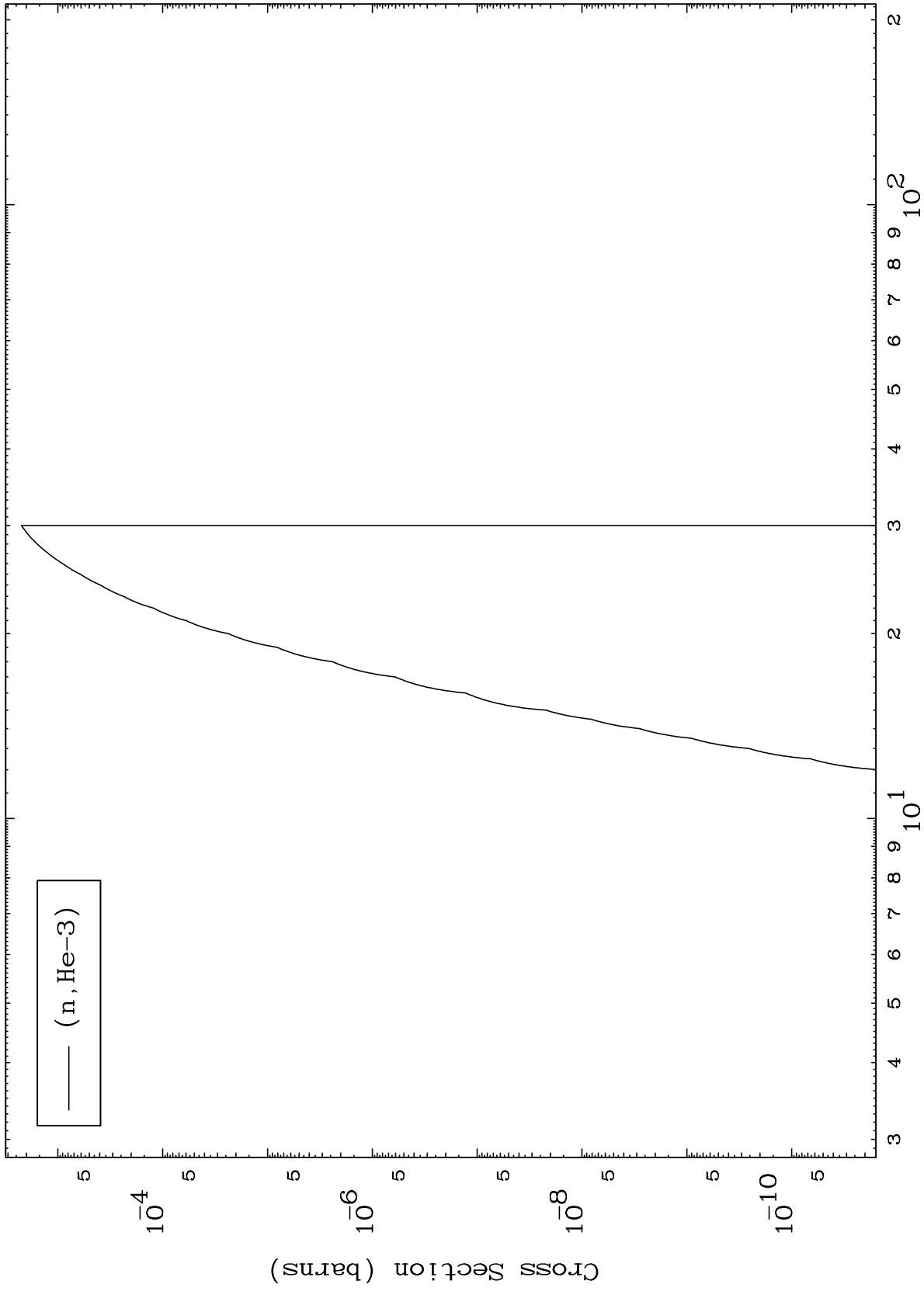
Incident Energy (MeV)

67-Ho-158

MAT 6704

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-158



13

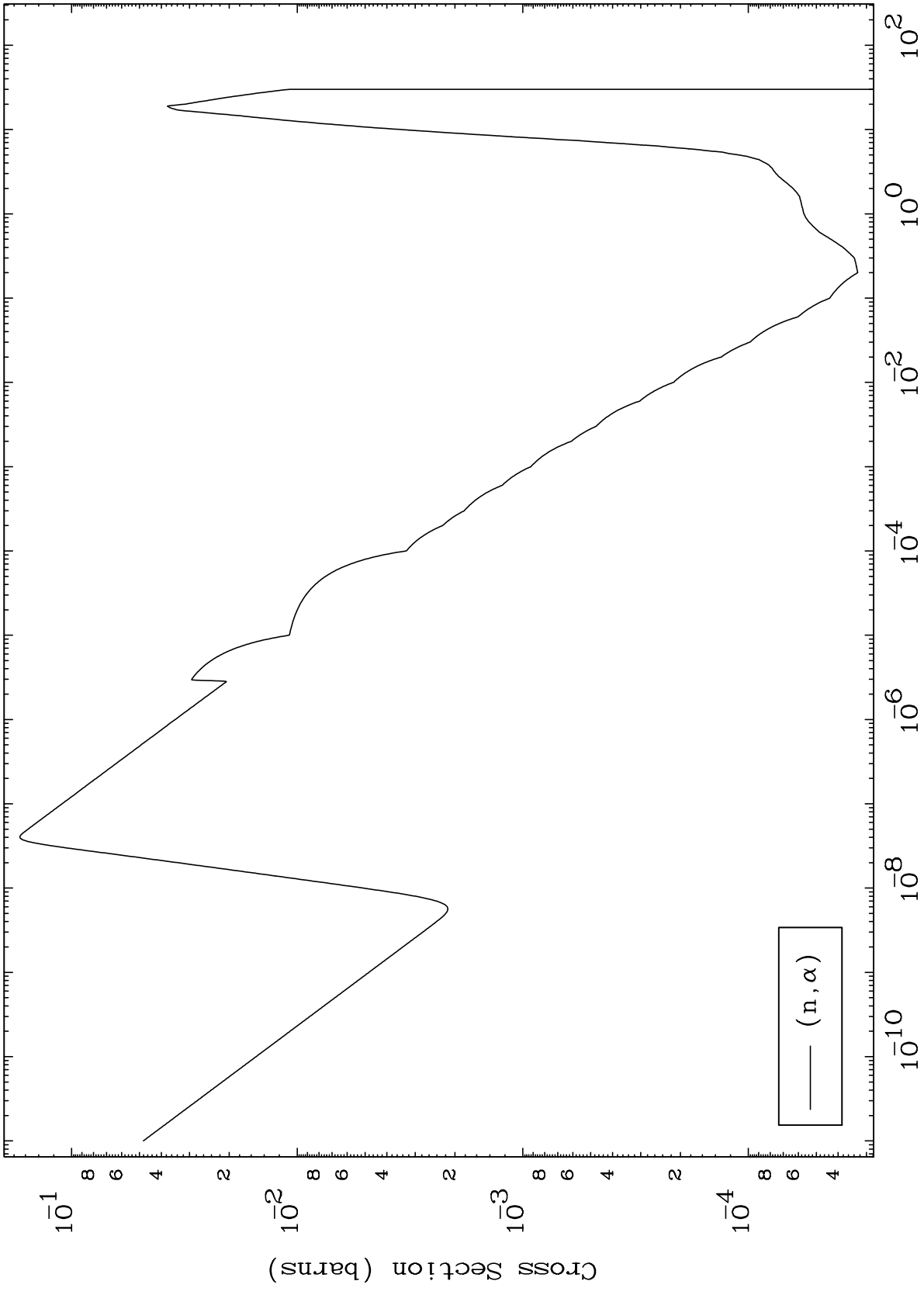
Incident Energy (MeV)

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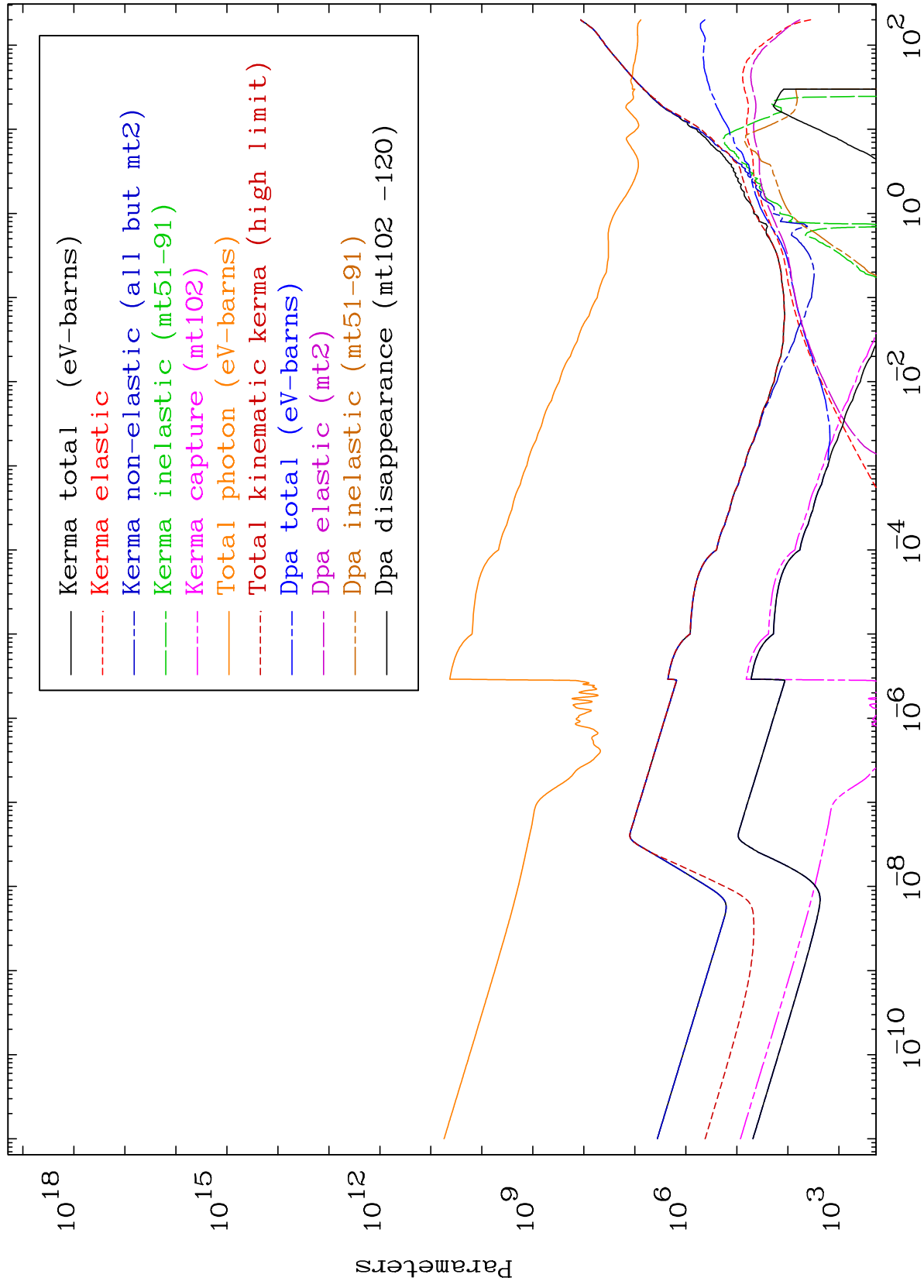
MAT 6704

(n, α) Levels
293 Kelvin Cross Sections

67-Ho-158



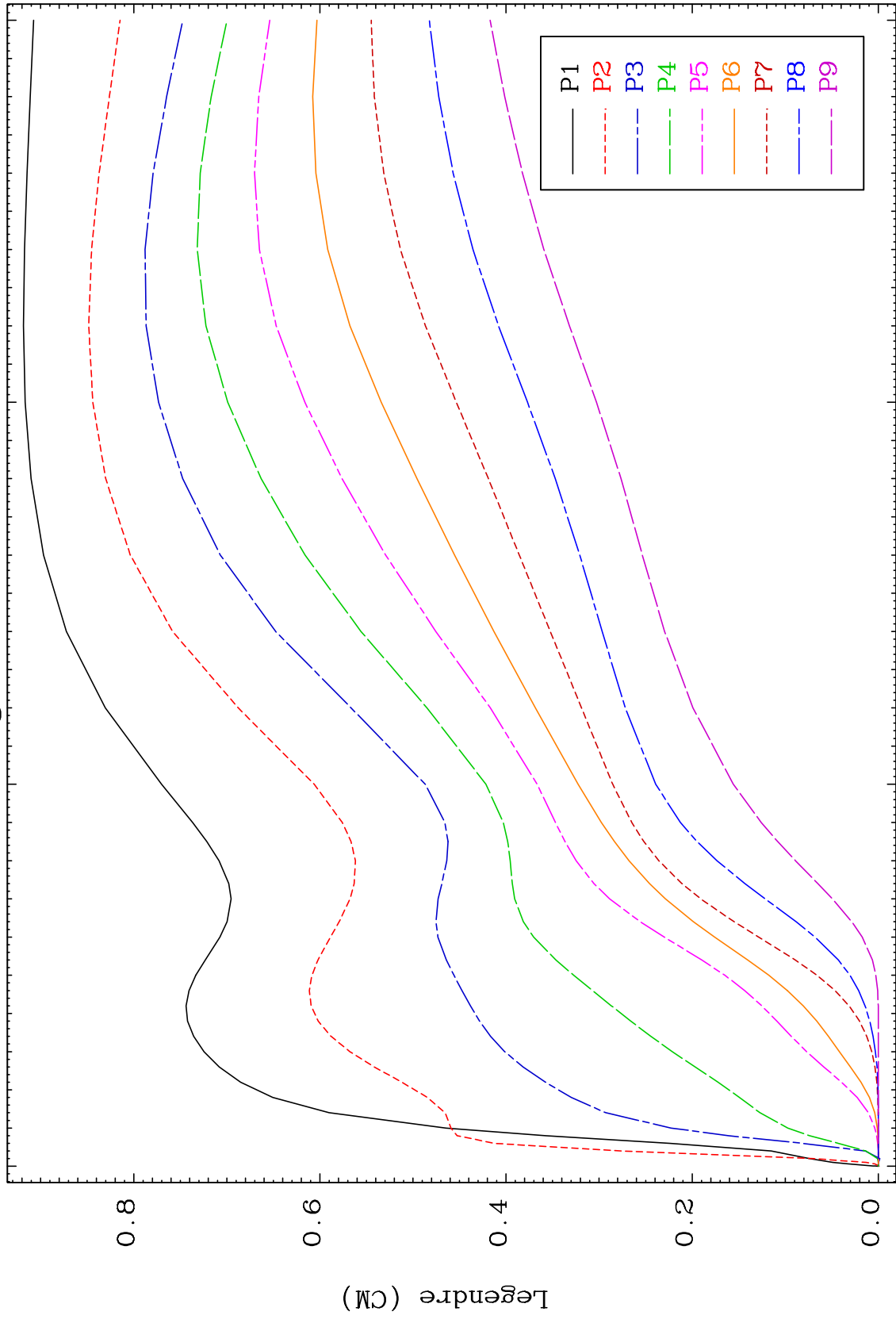
67-Ho-158



MAT 6704

Elastic Legendre Coefficients

67-Ho-158



0

0.0

0.2

0.4

0.6

0.8

10

30

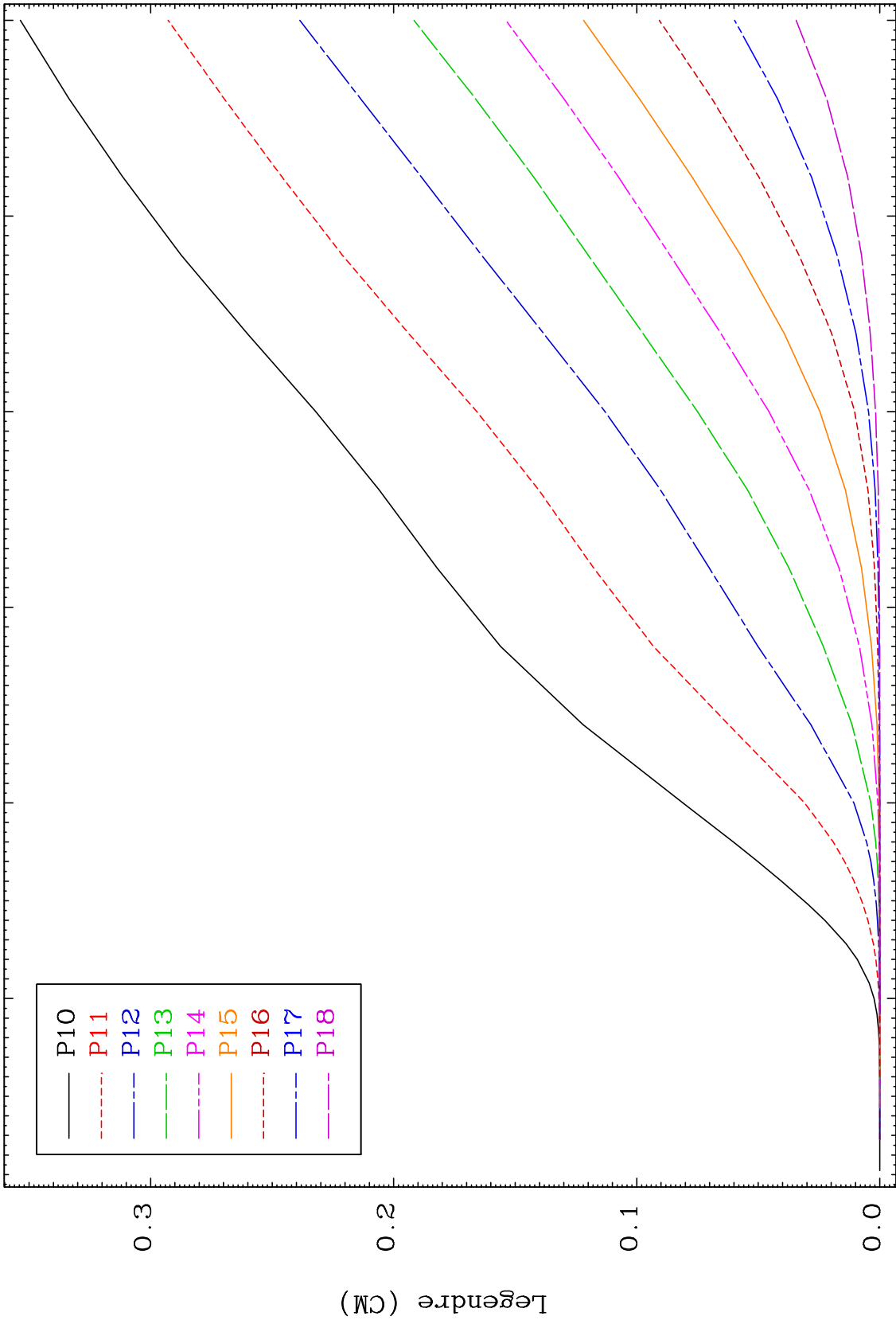
Incident Energy (MeV)

67-Ho-158

MAT 6704

Elastic Legendre Coefficients

67-Ho-158



17

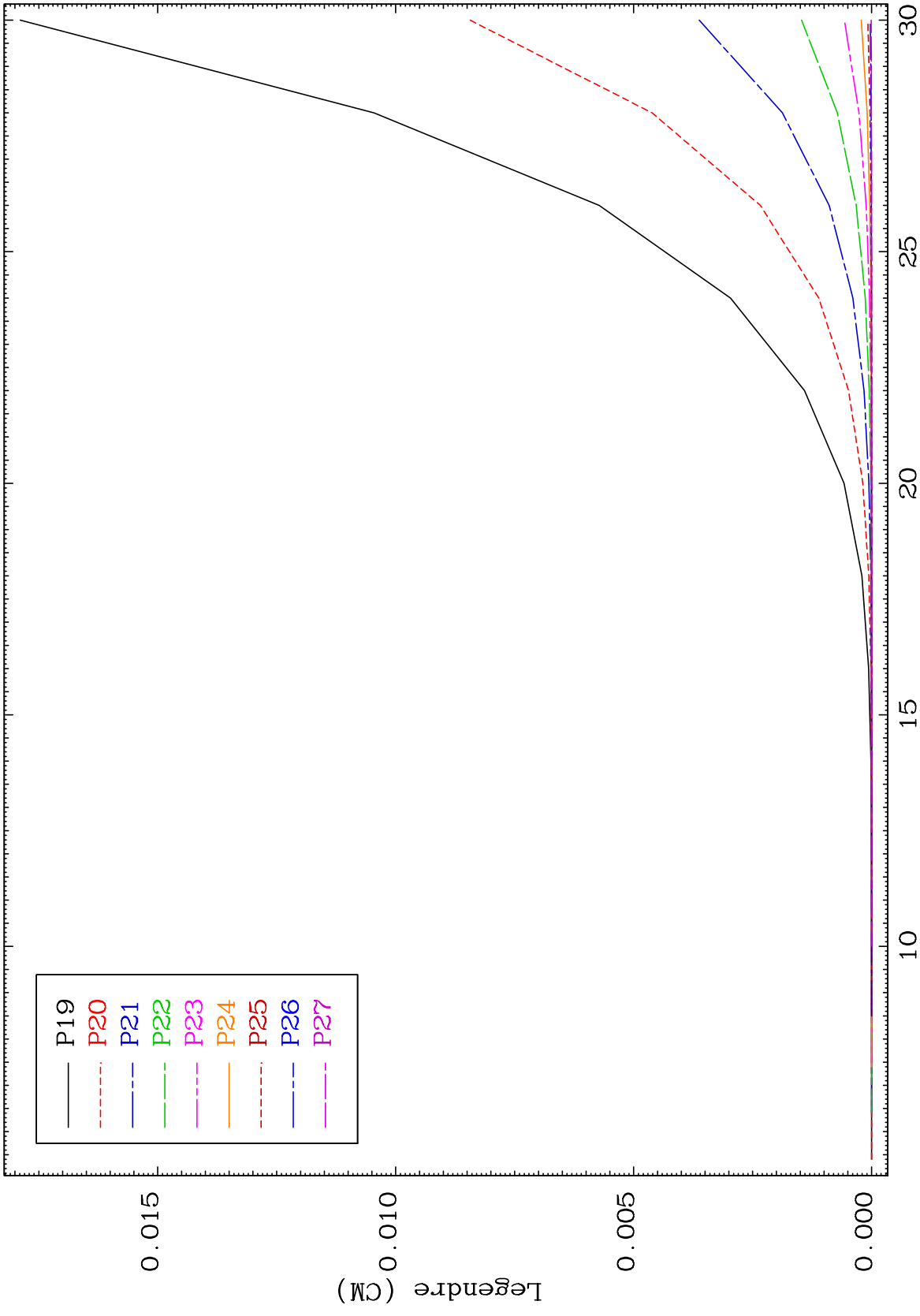
Incident Energy (MeV)

67-Ho-158

MAT 6704

Elastic Legendre Coefficients

67-Ho-158



18

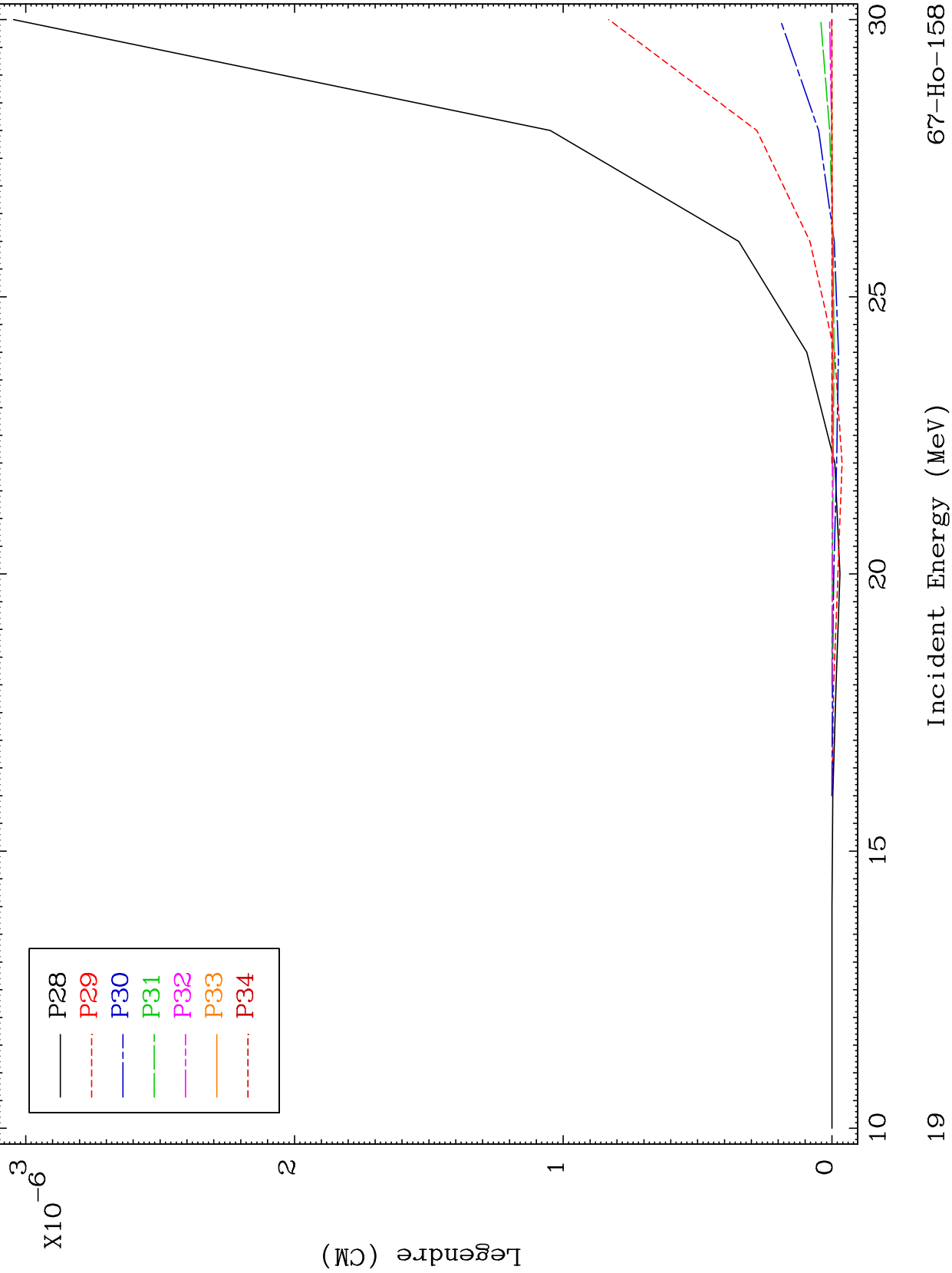
Incident Energy (MeV)

67-Ho-158

MAT 6704

Elastic Legendre Coefficients

67-Ho-158

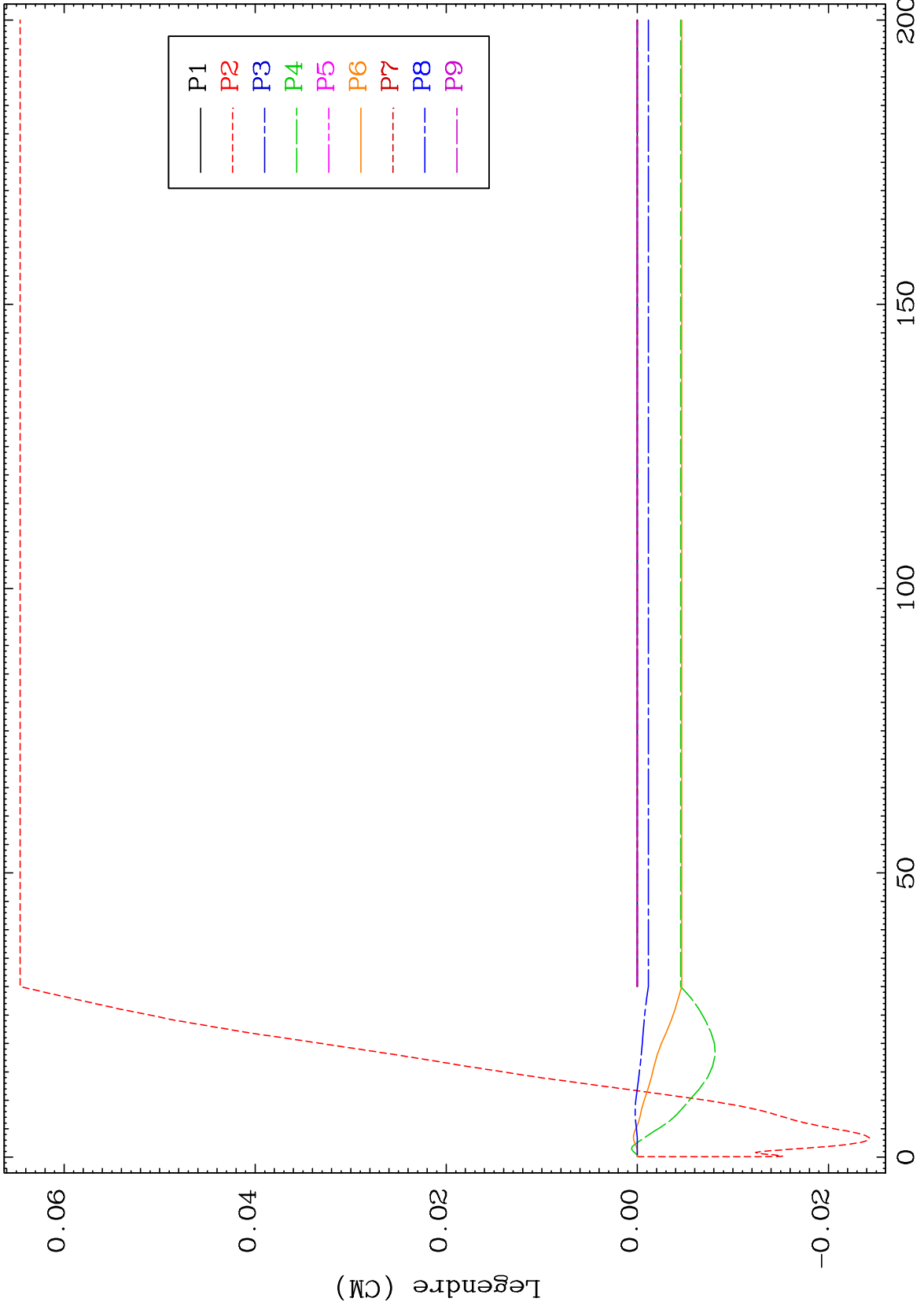


19

Incident Energy (MeV)

67-Ho-158

MAT 6704 MT= 51 (n,n') Level Legendre Coefficients 67-Ho-158

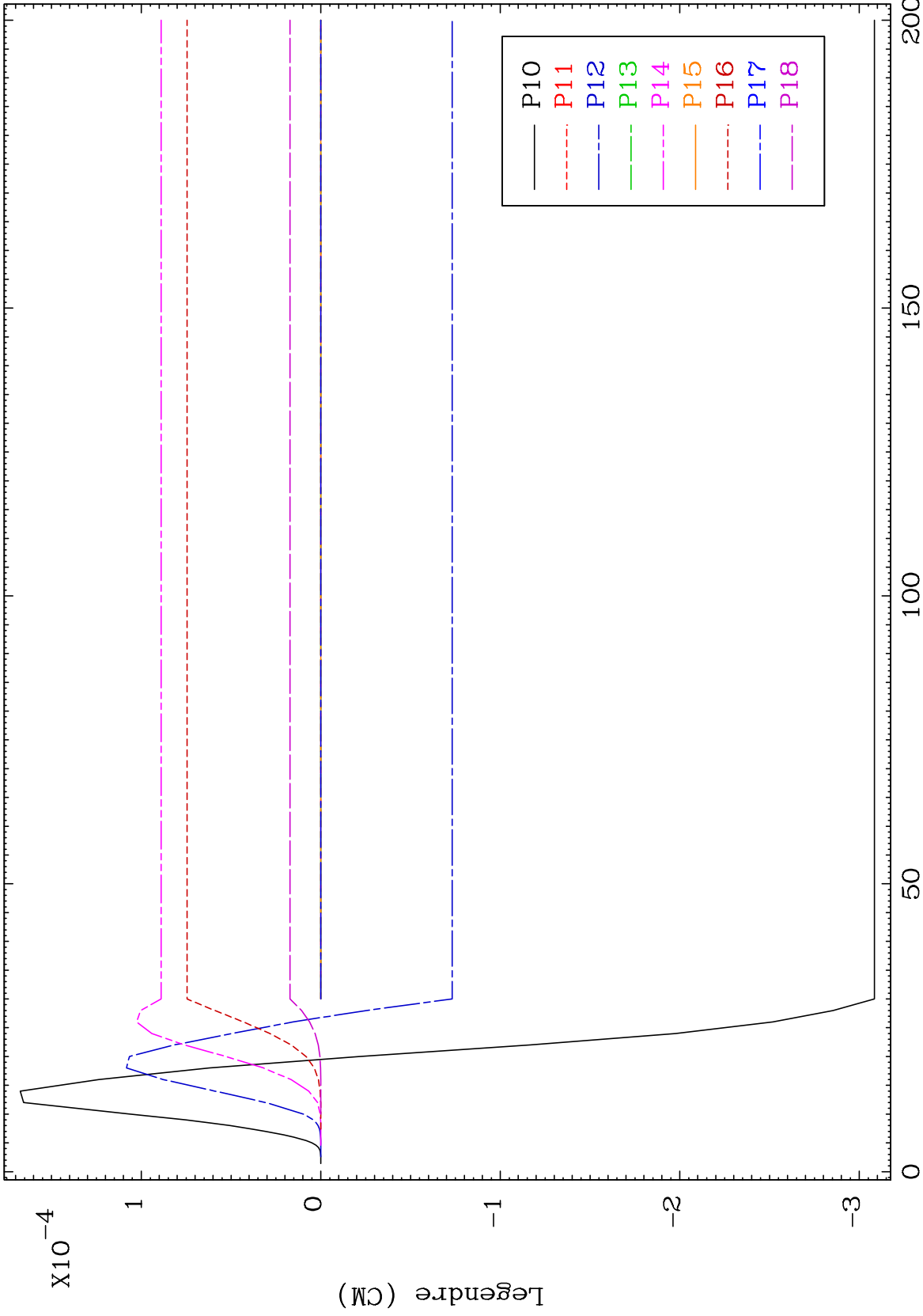


67-Ho-158 Incident Energy (MeV)

MAT 6704

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

67-Ho-158



21

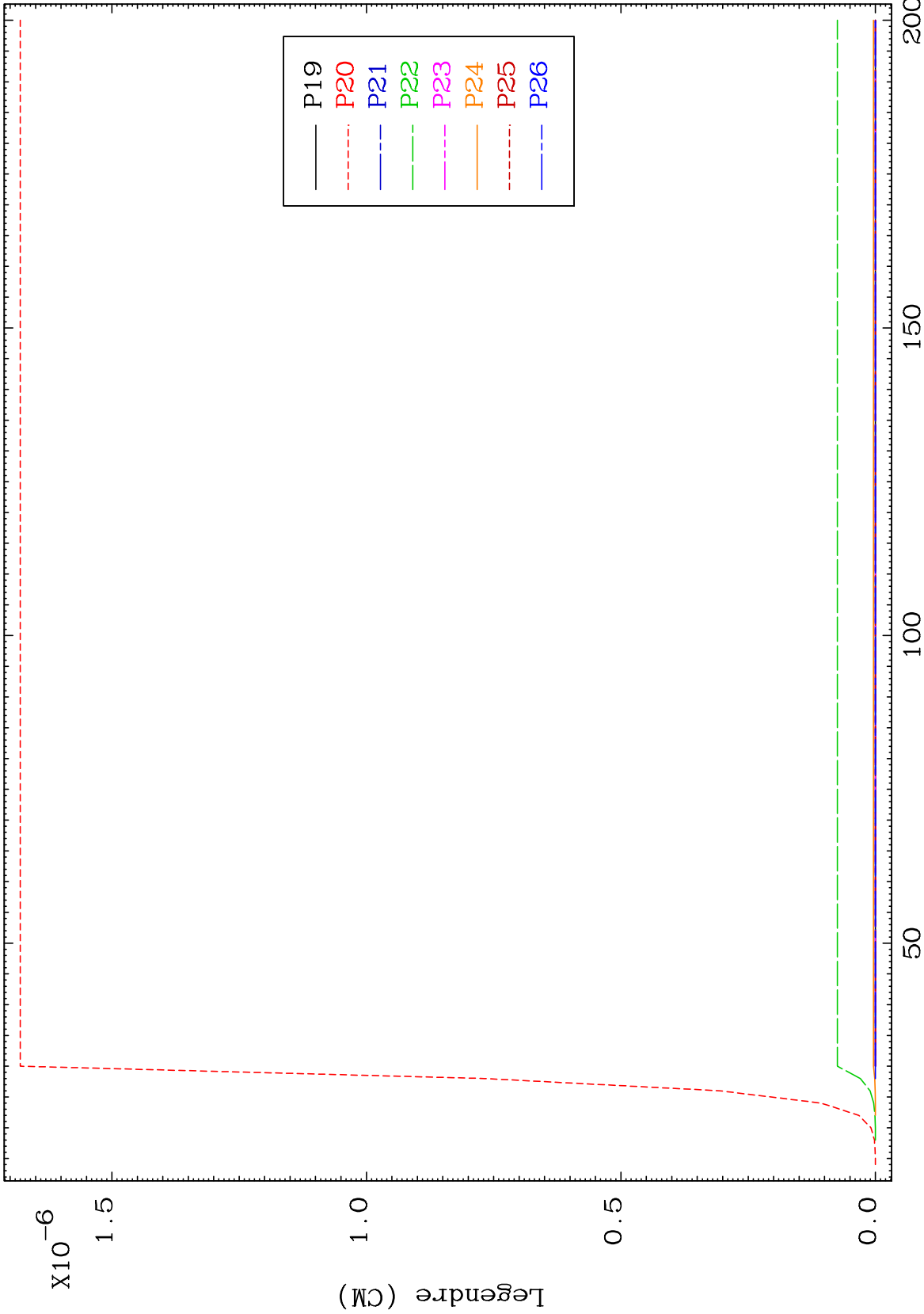
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



22

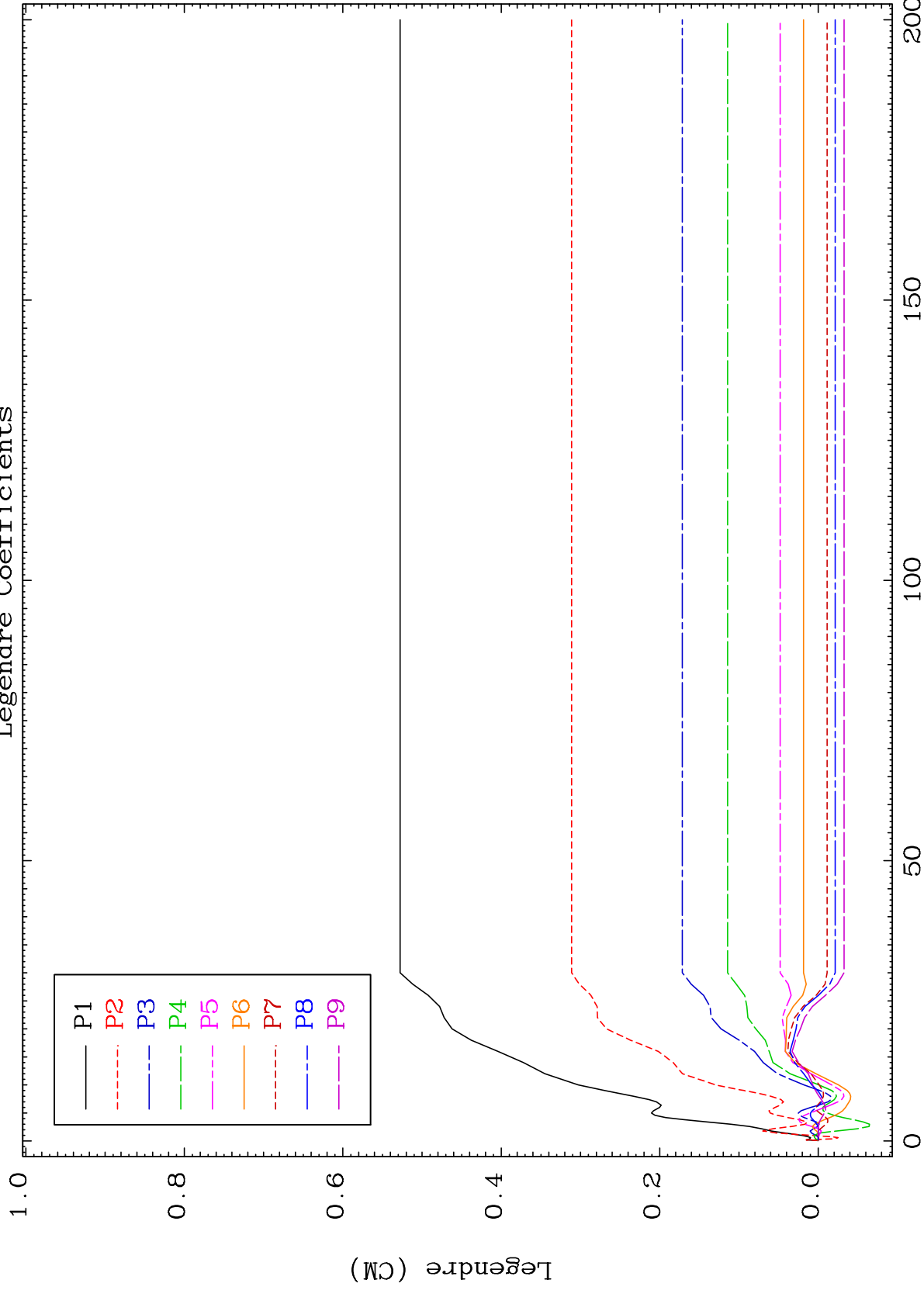
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



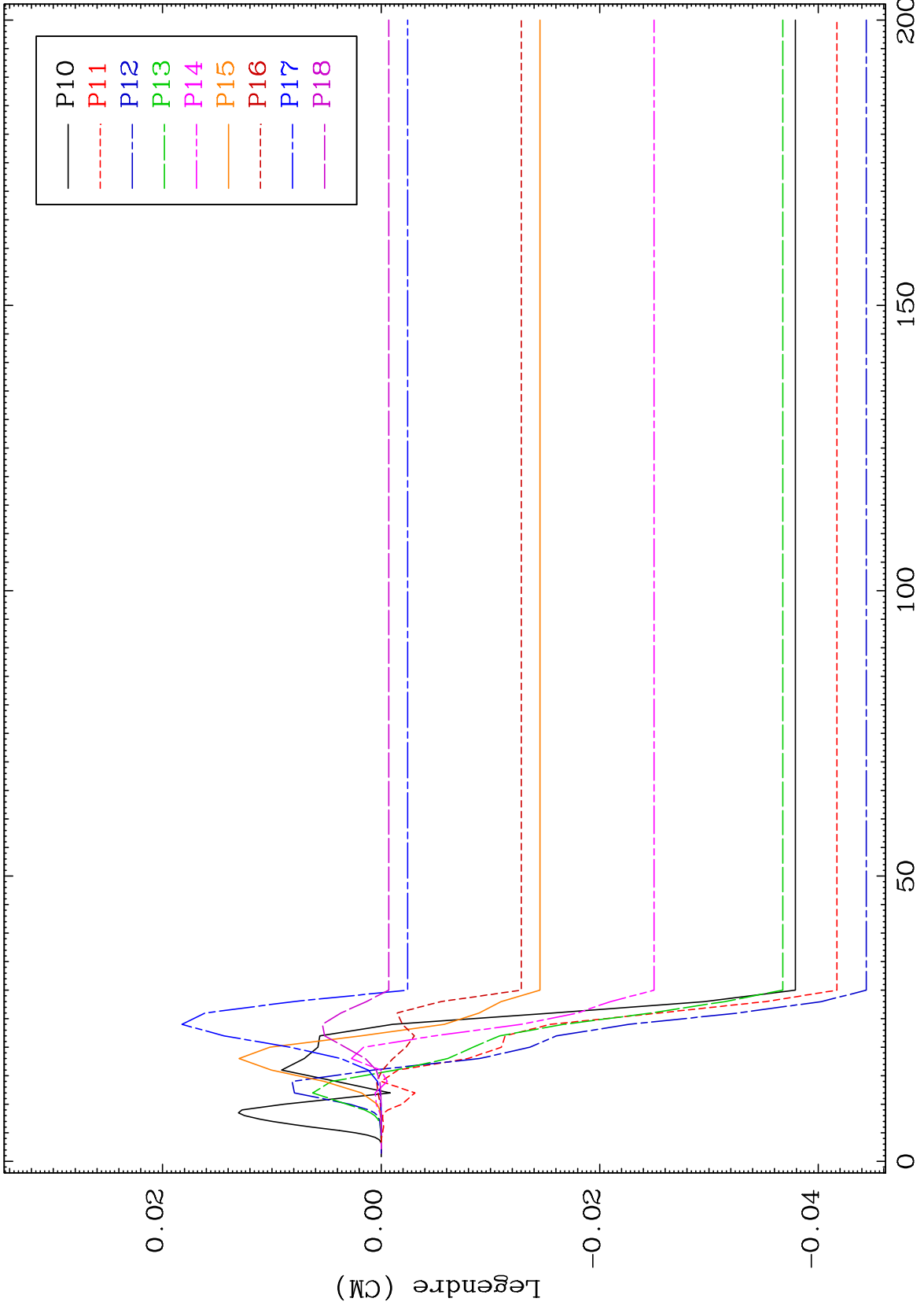
23

67-Ho-158

MAT 6704

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

67-Ho-158



24

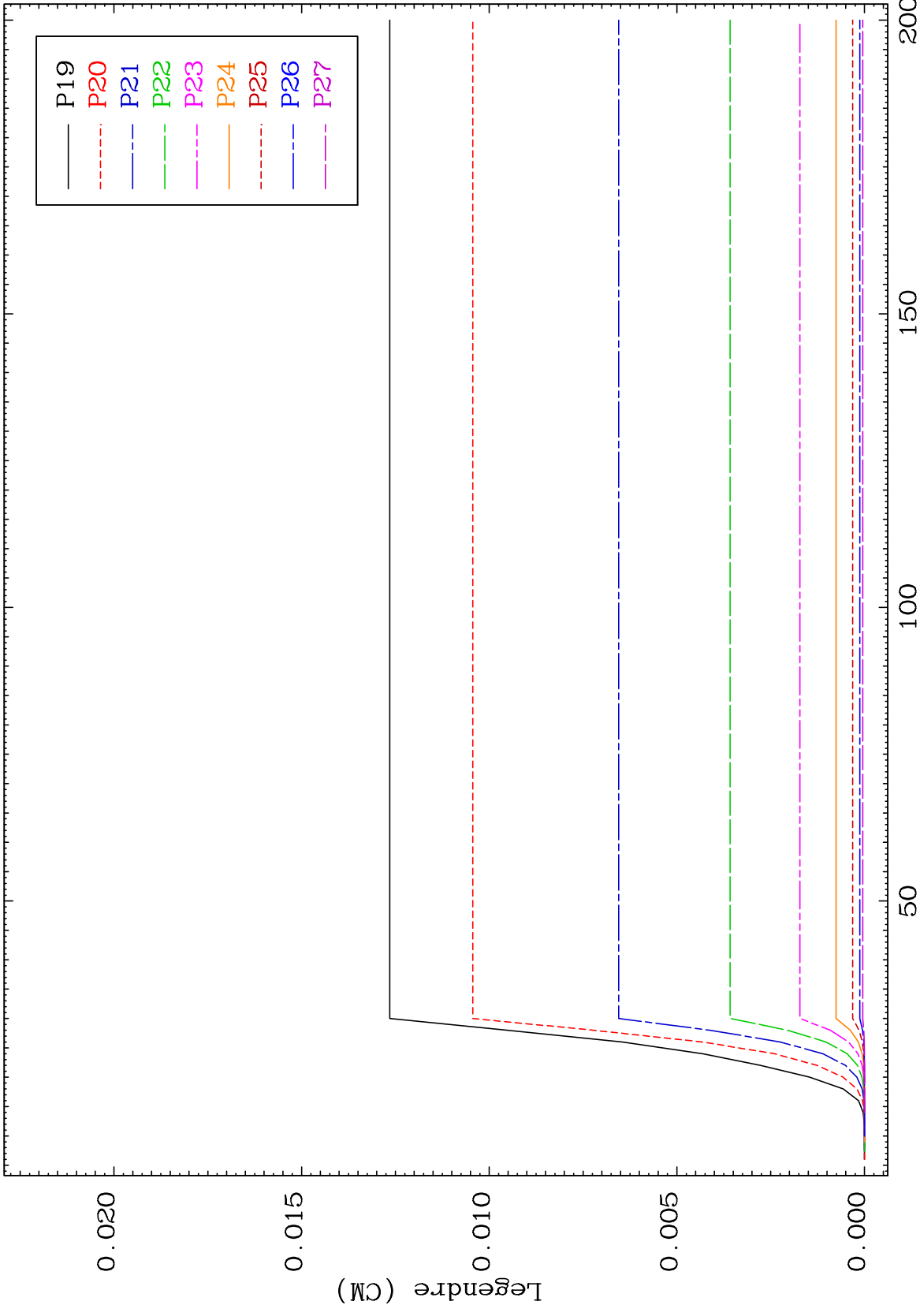
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



25

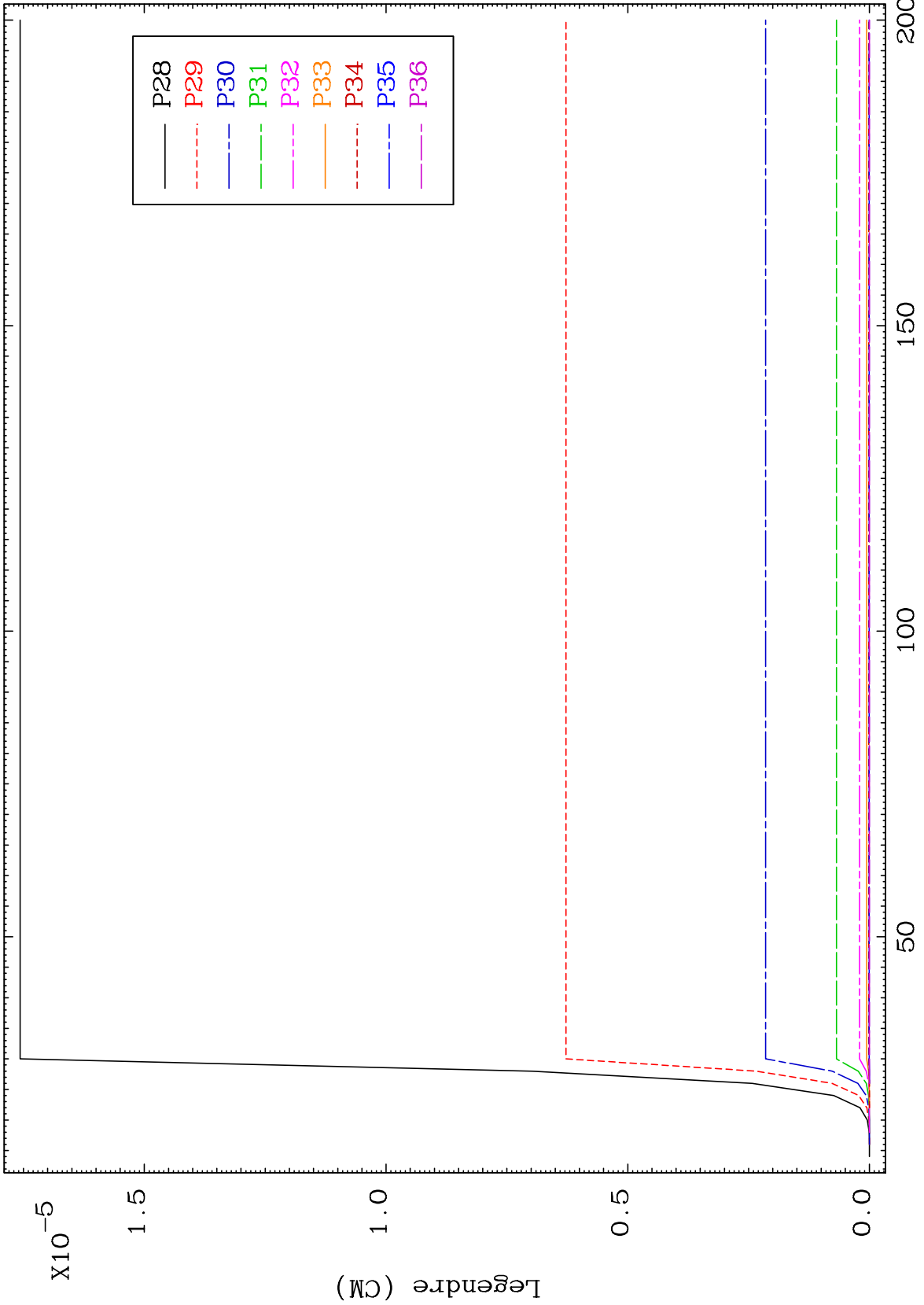
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



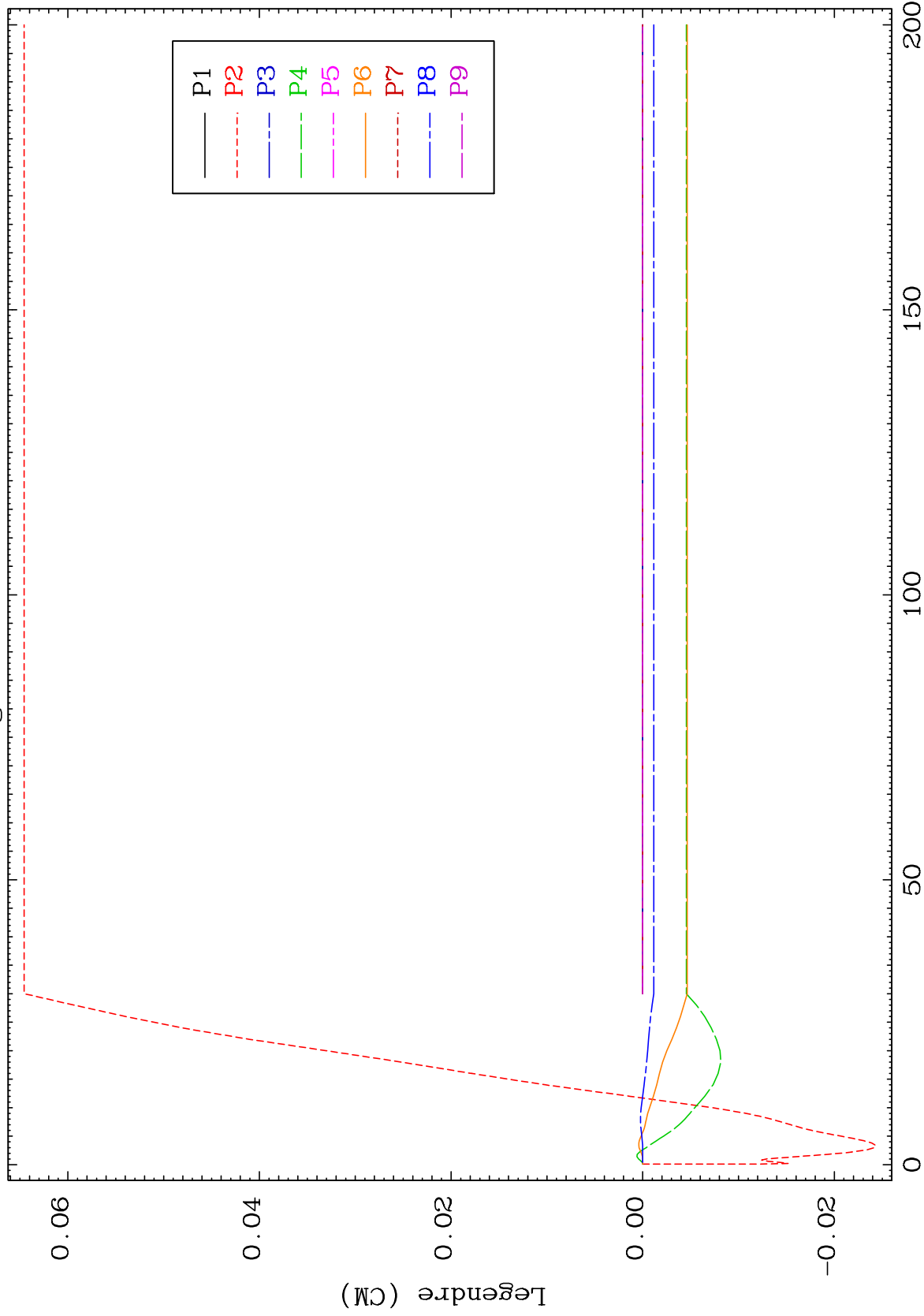
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67-Ho-158

MAT 6704

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

67-Ho-158



27

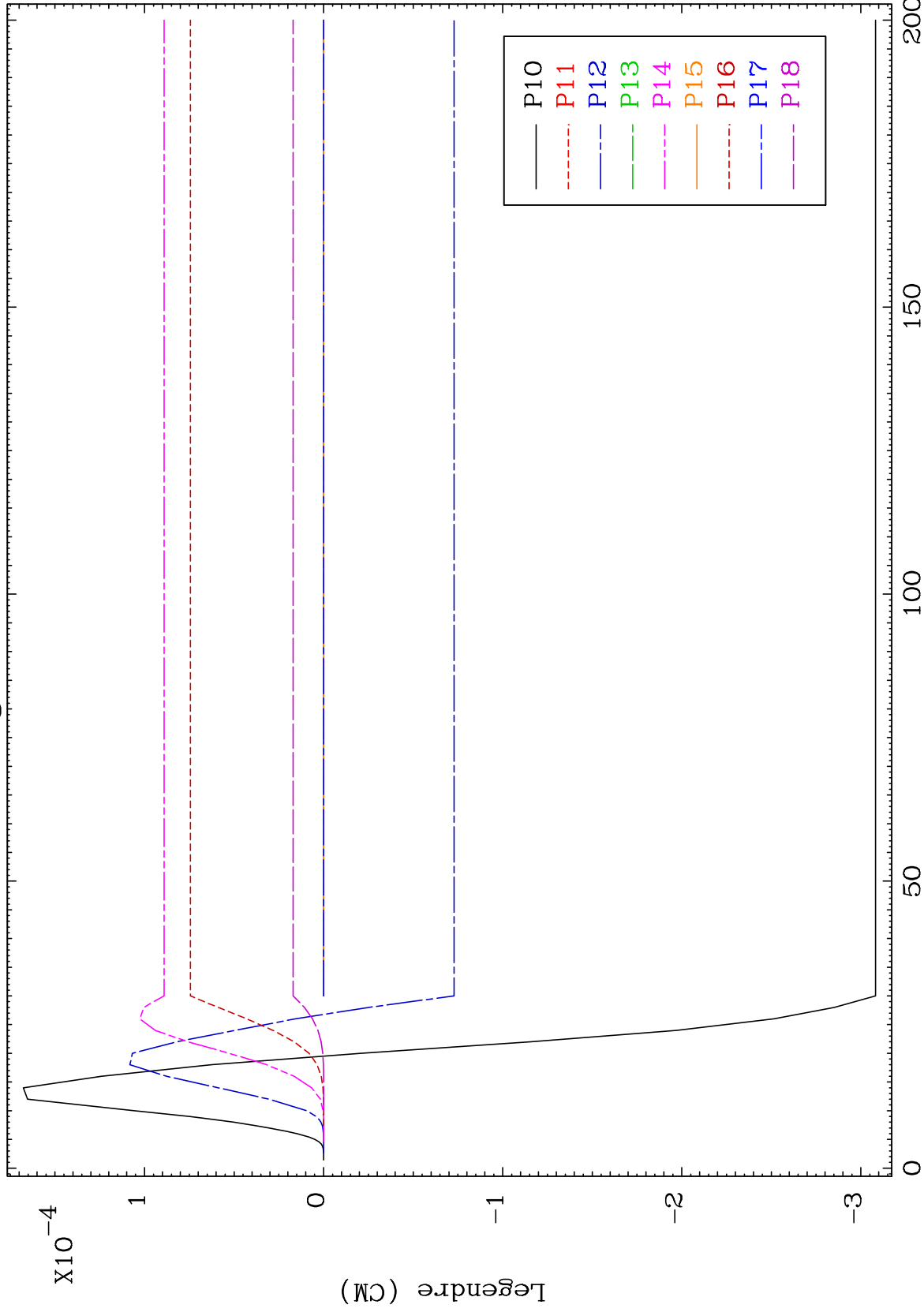
67-Ho-158

67-Ho-158

MAT 6704

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

67-Ho-158



28

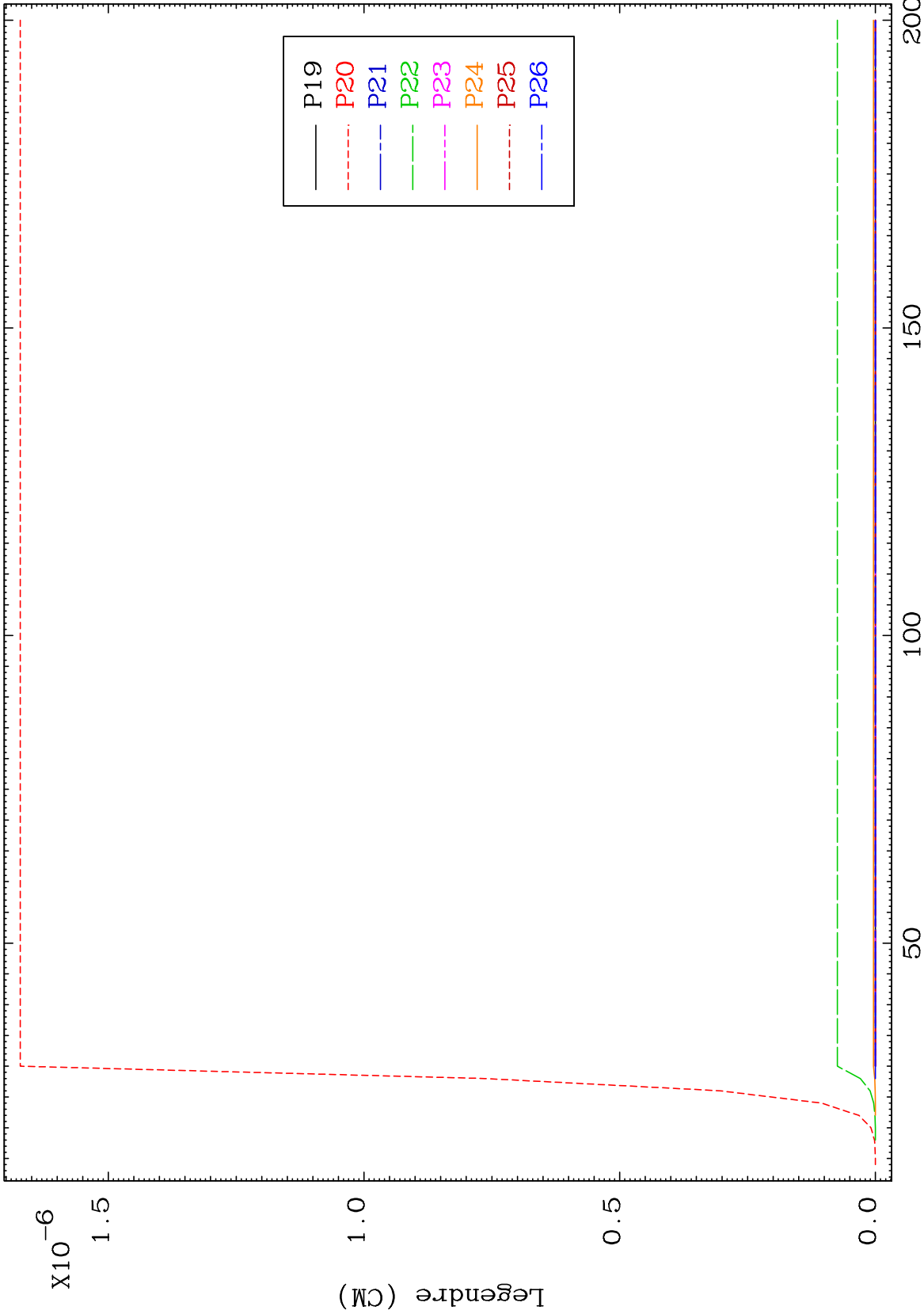
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



29

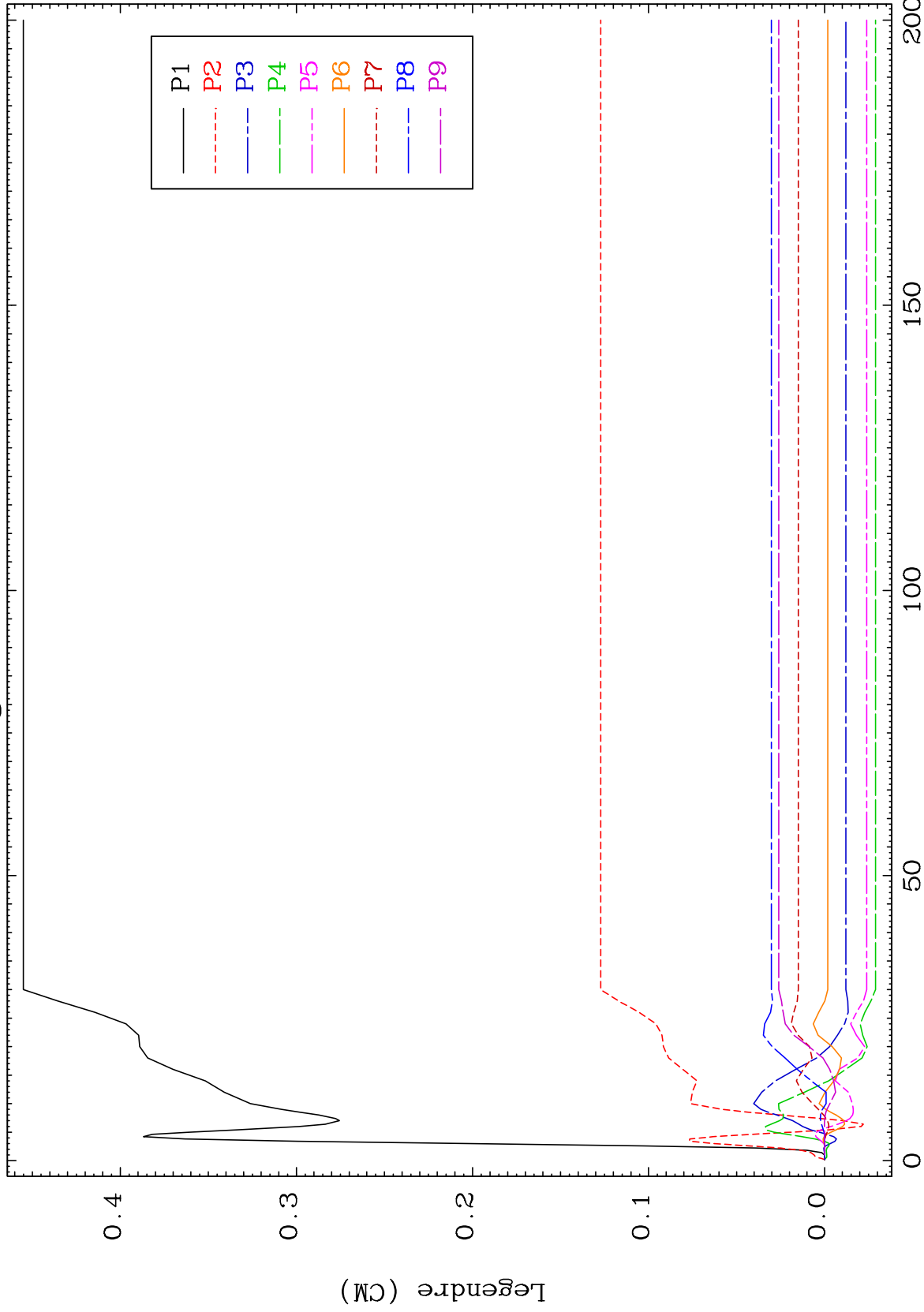
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



67-Ho-158

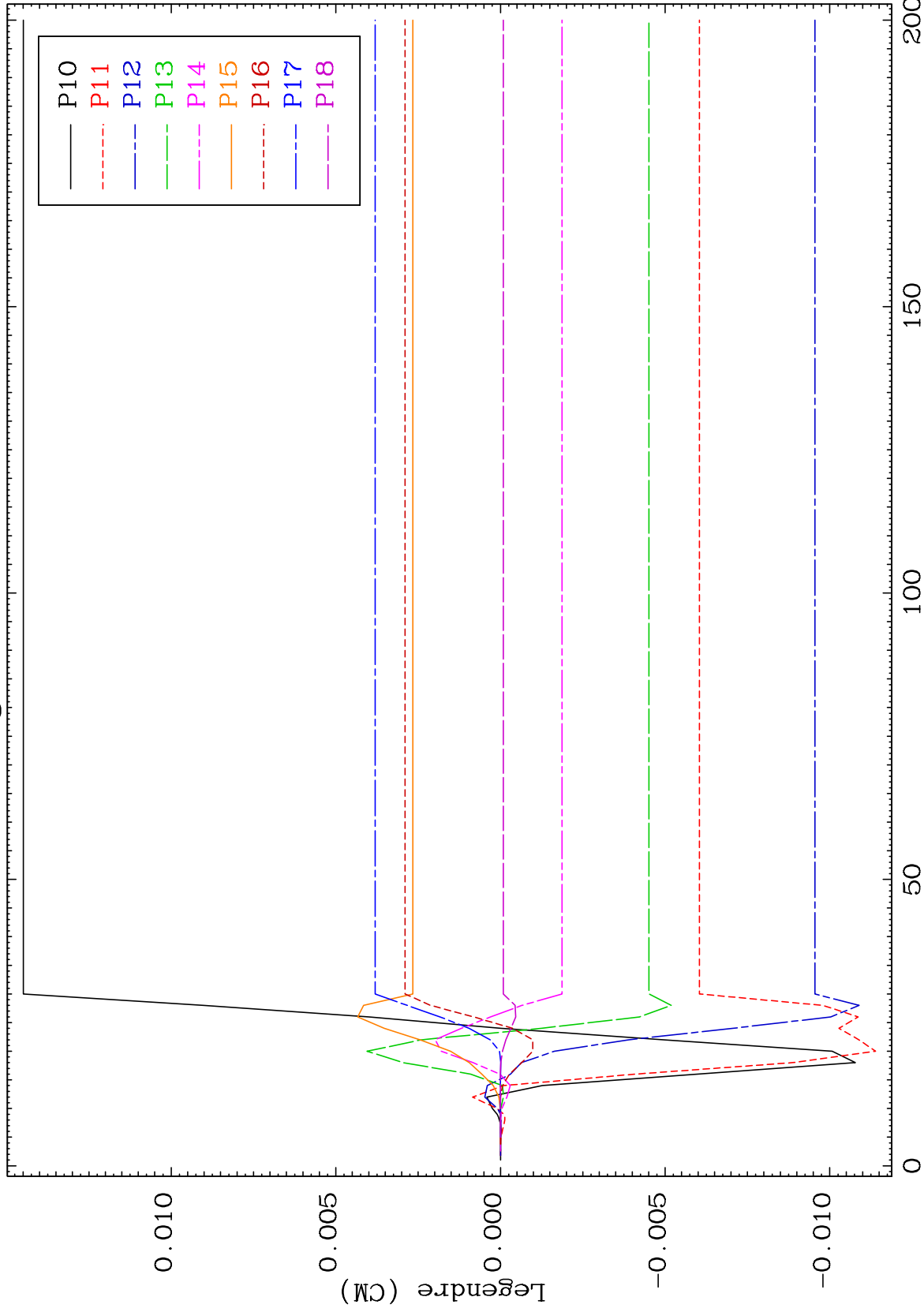
Incident Energy (MeV)

30

MAT 6704

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

67-Ho-158



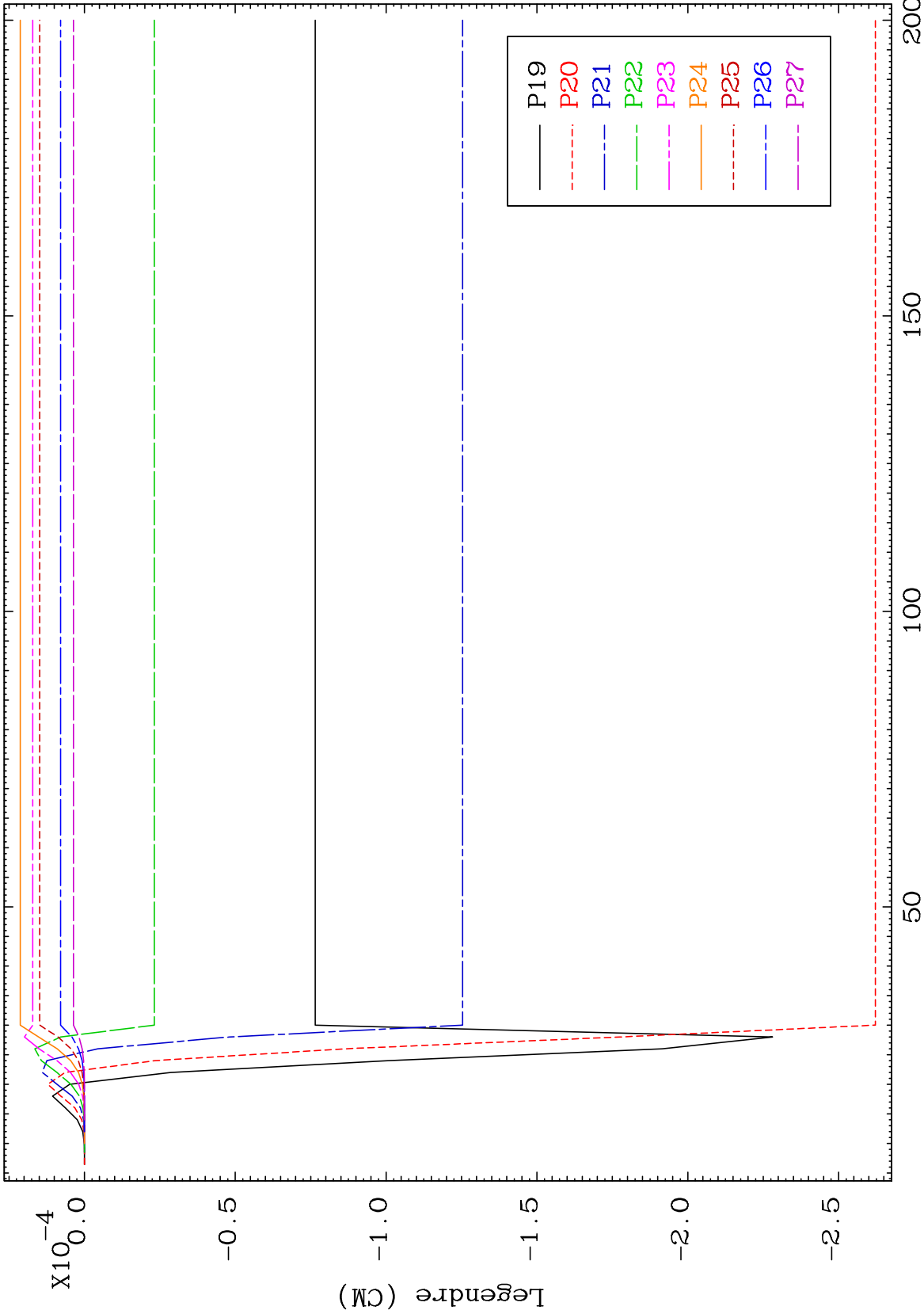
31

67-Ho-158

MAT 6704

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

67-Ho-158



32

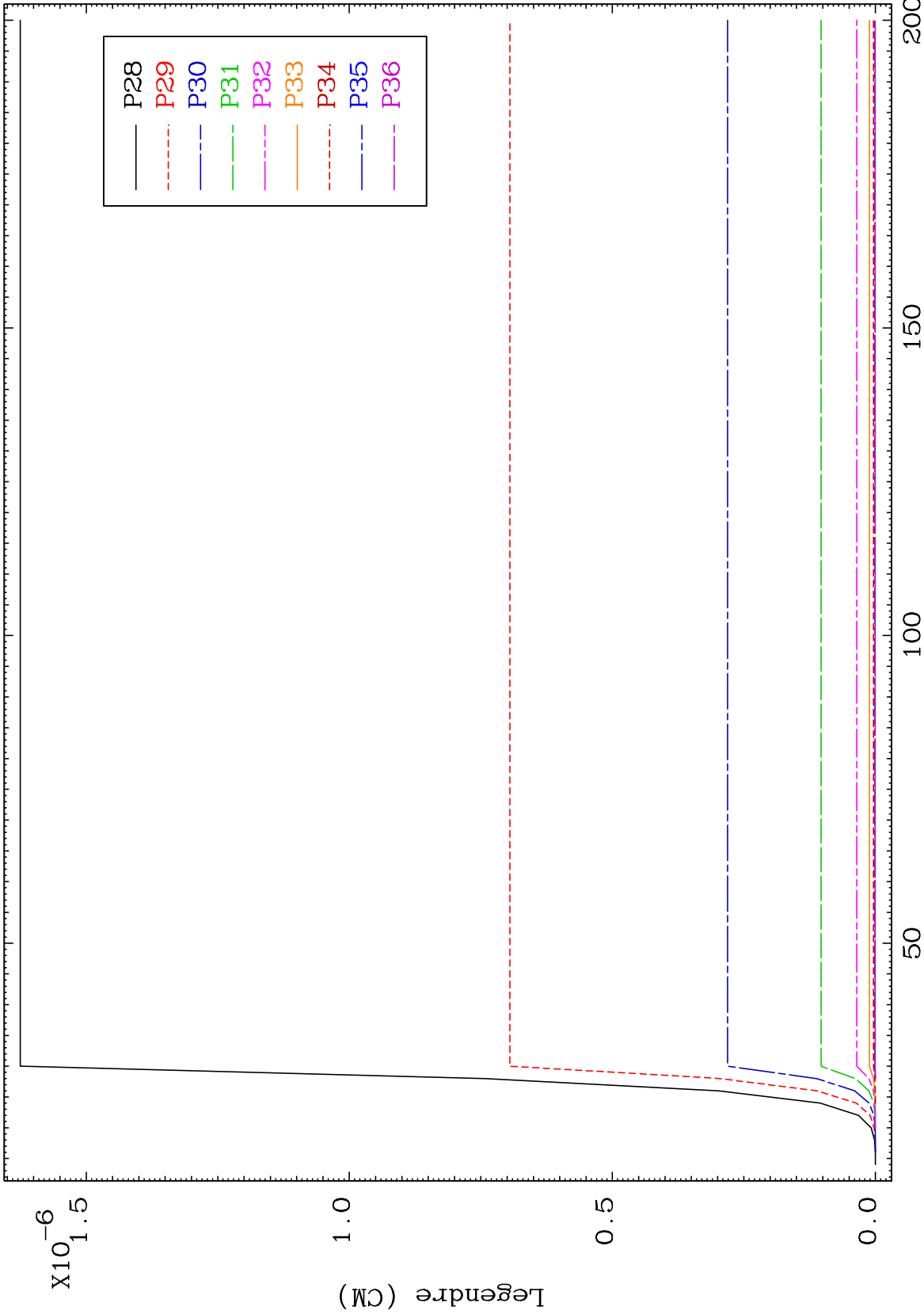
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



33

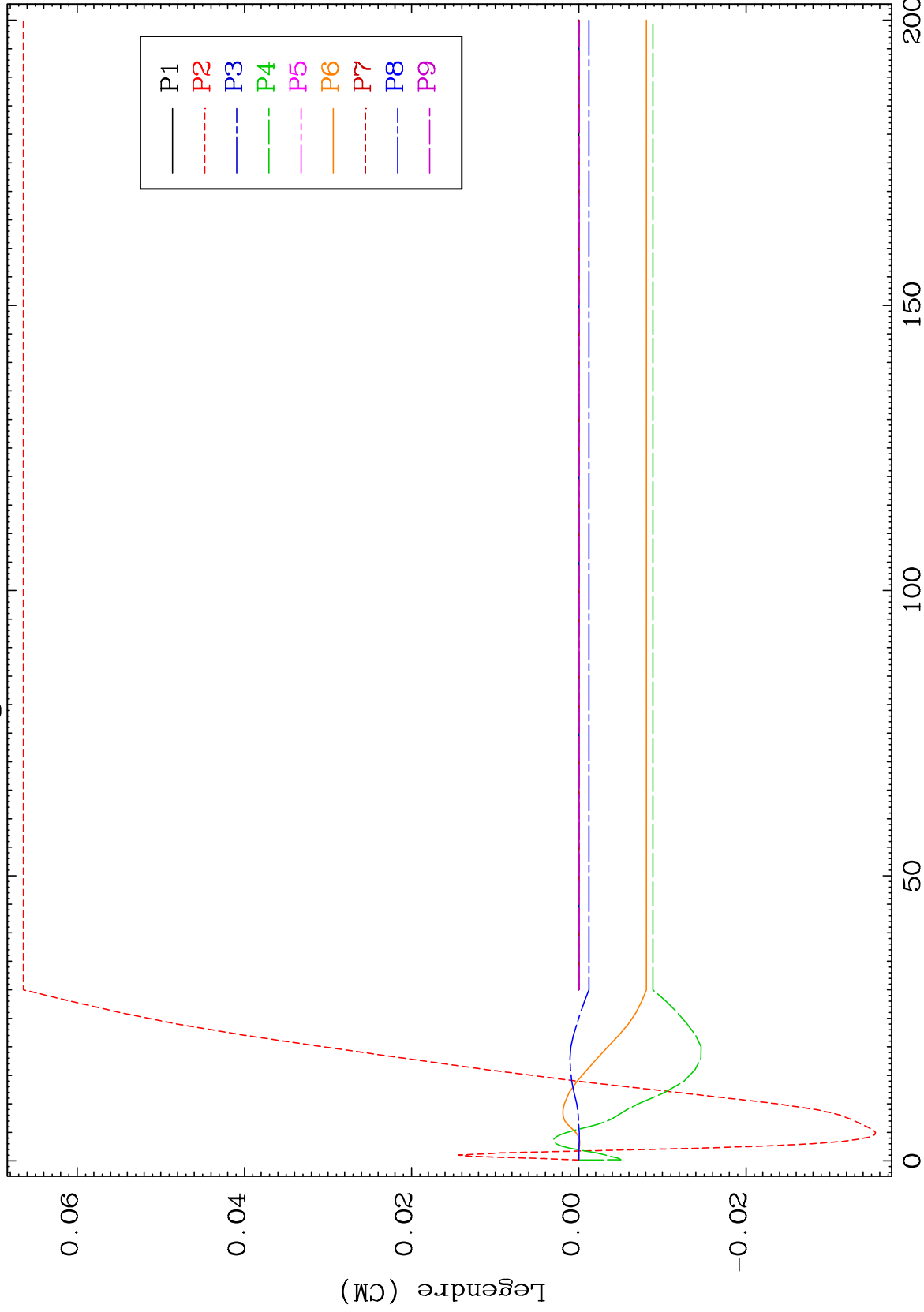
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



34

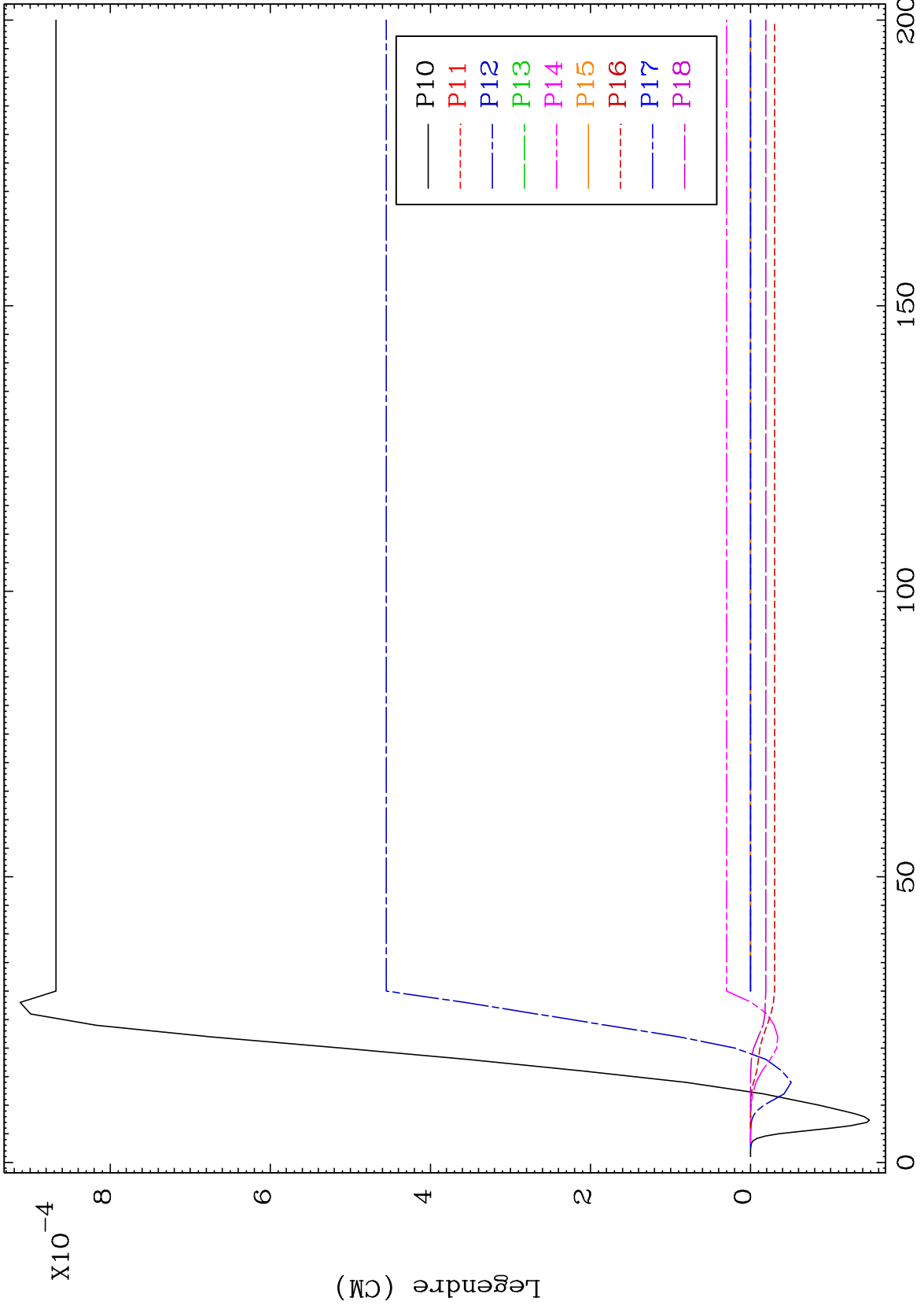
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



35

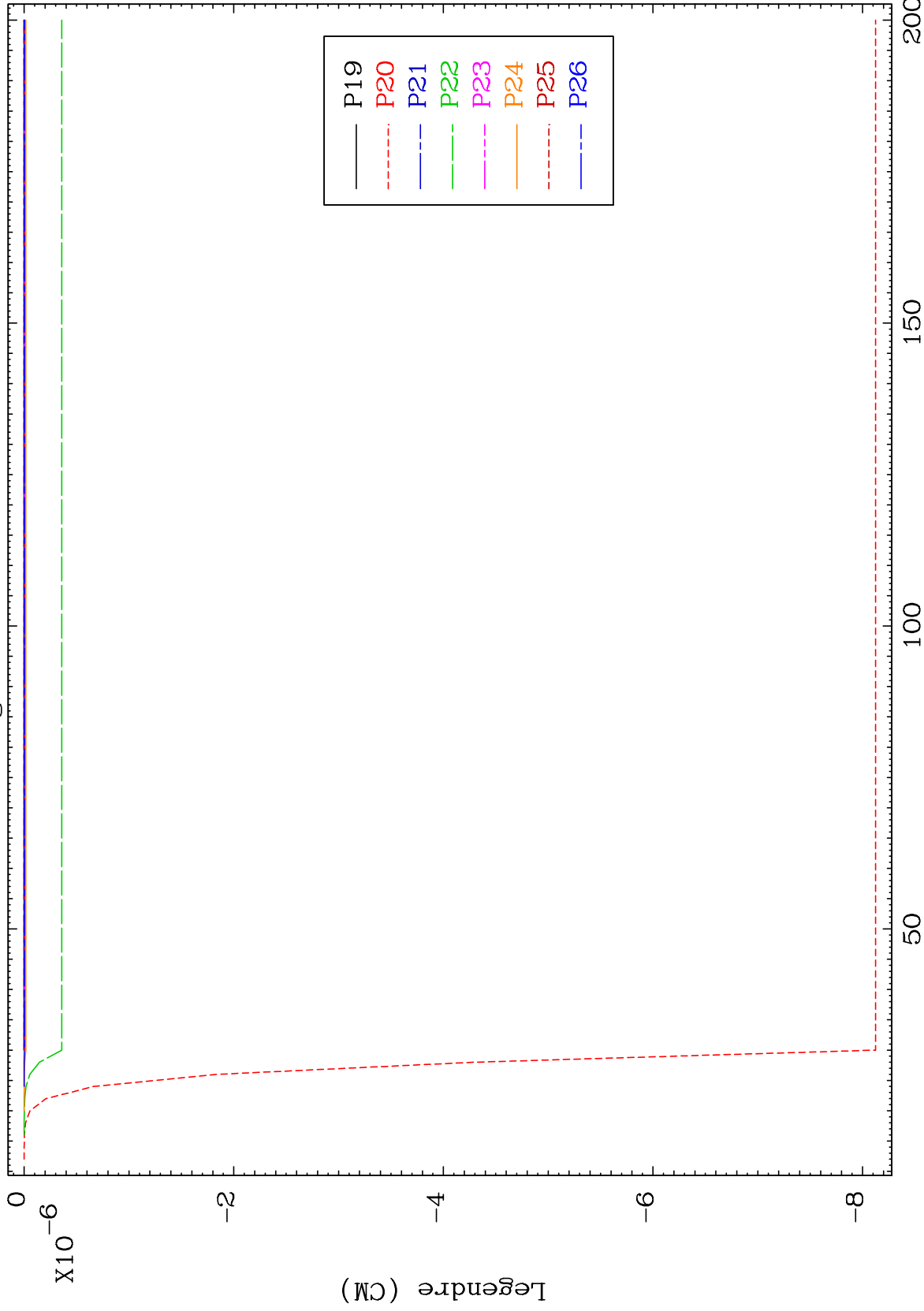
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



36

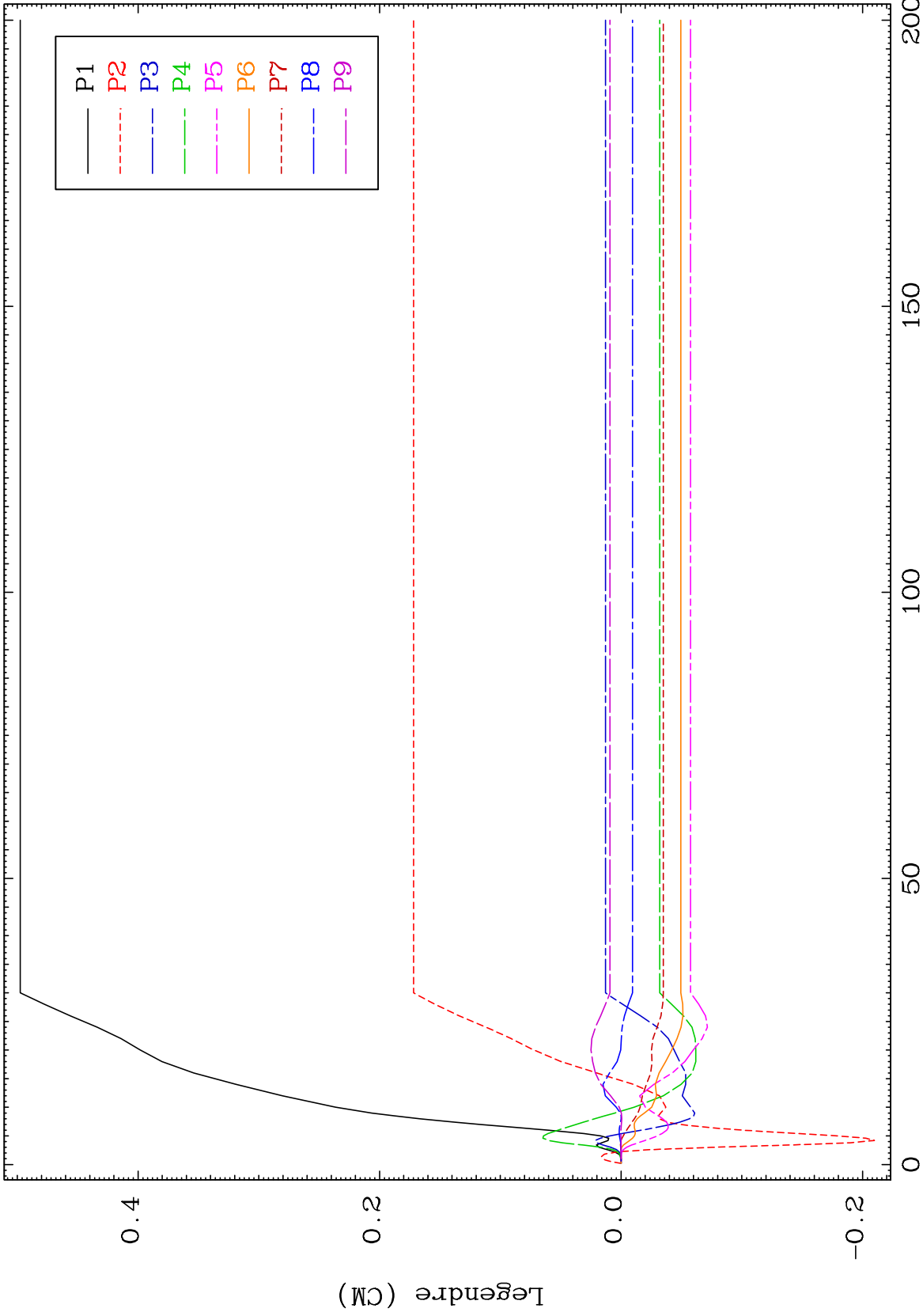
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



37

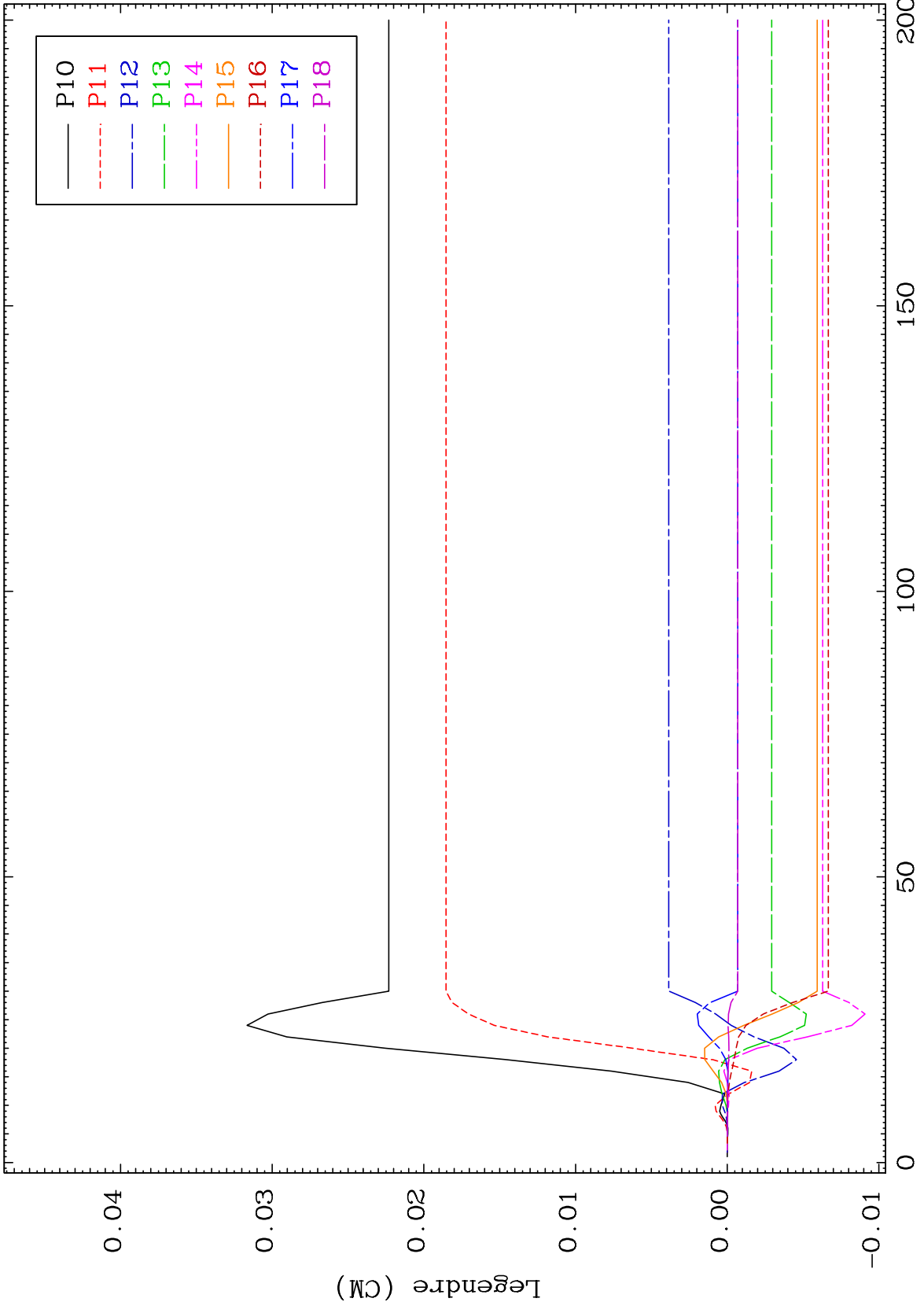
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



38

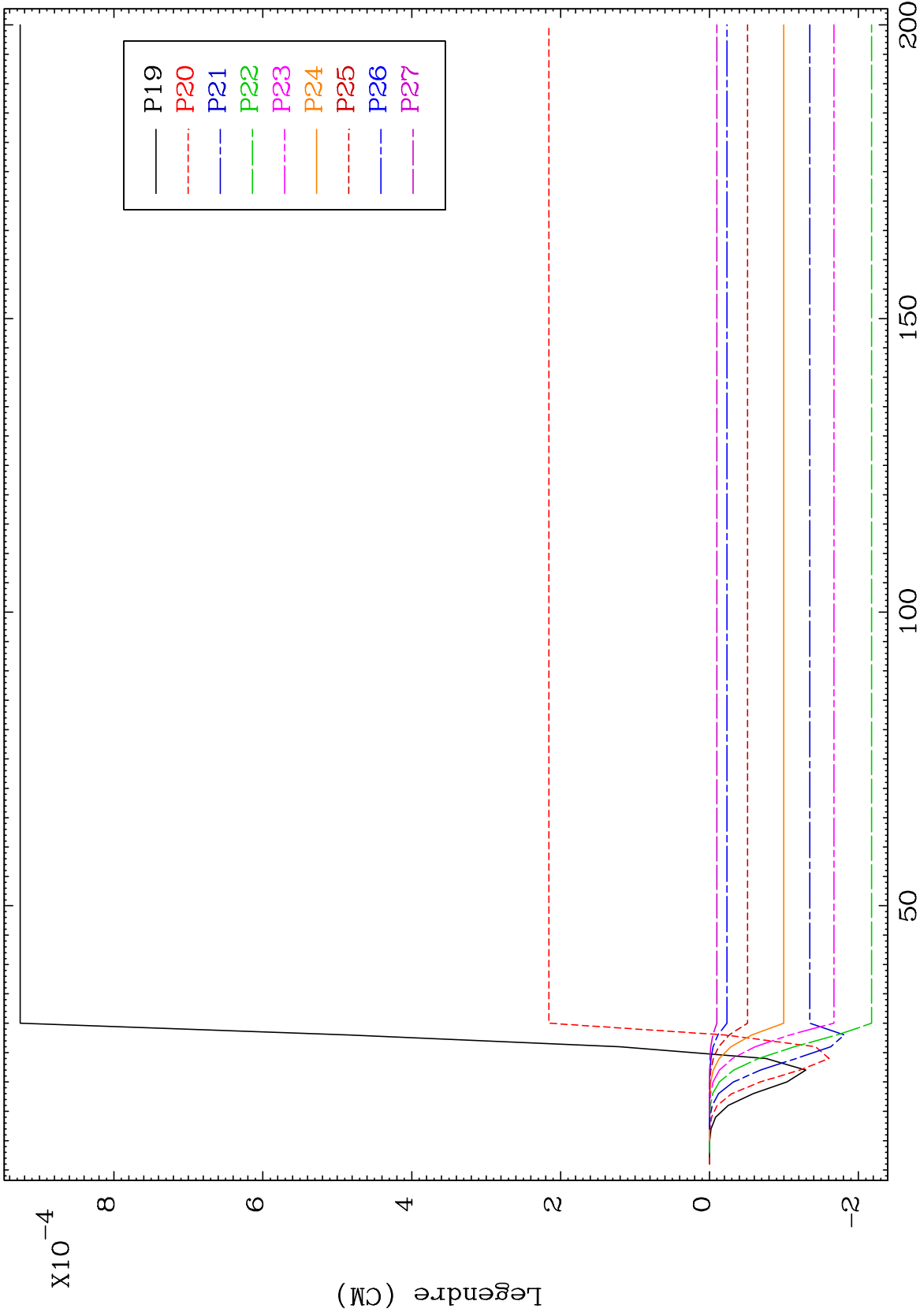
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



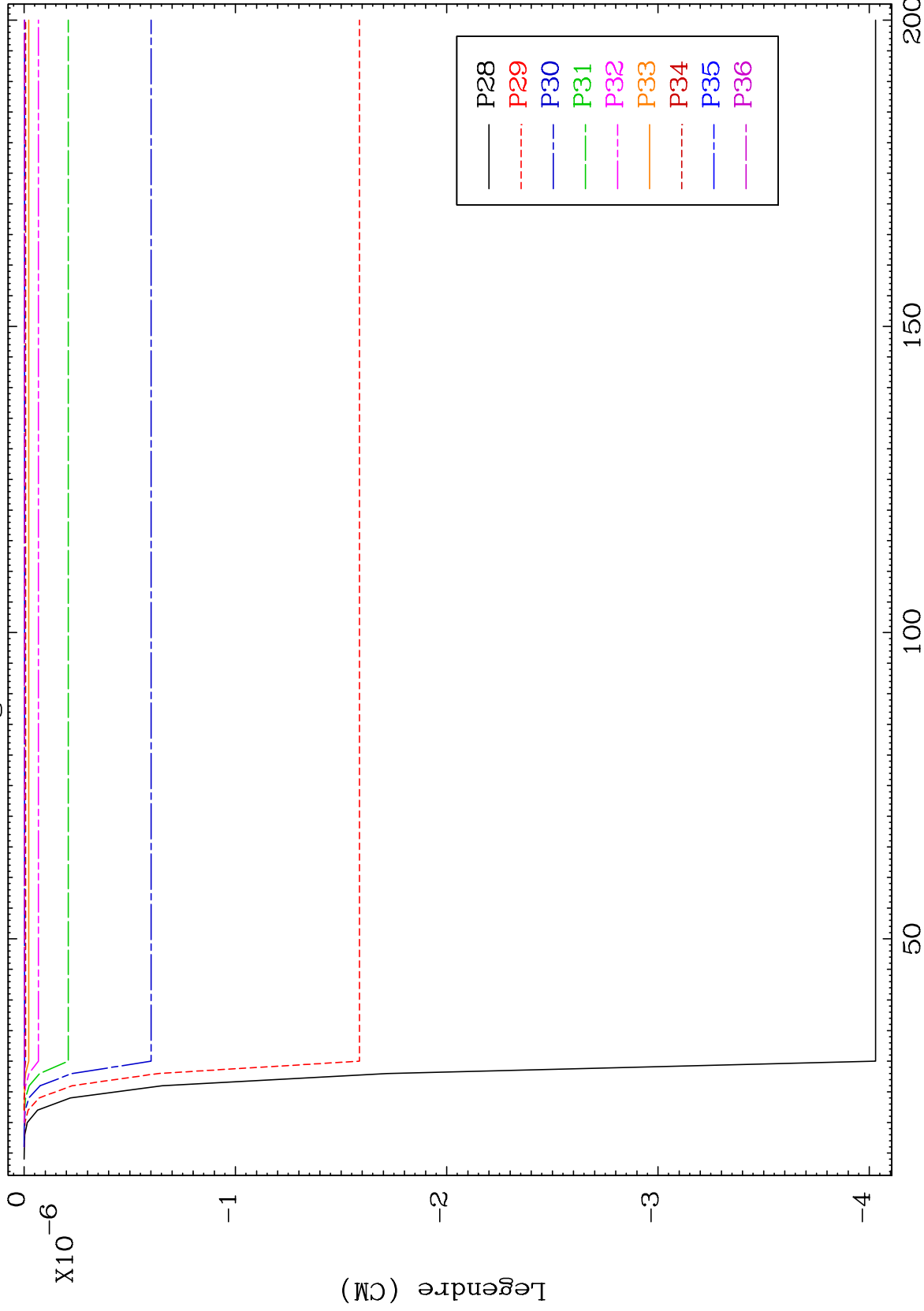
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67-Ho-158

MAT 6704

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

67-Ho-158



67-Ho-158

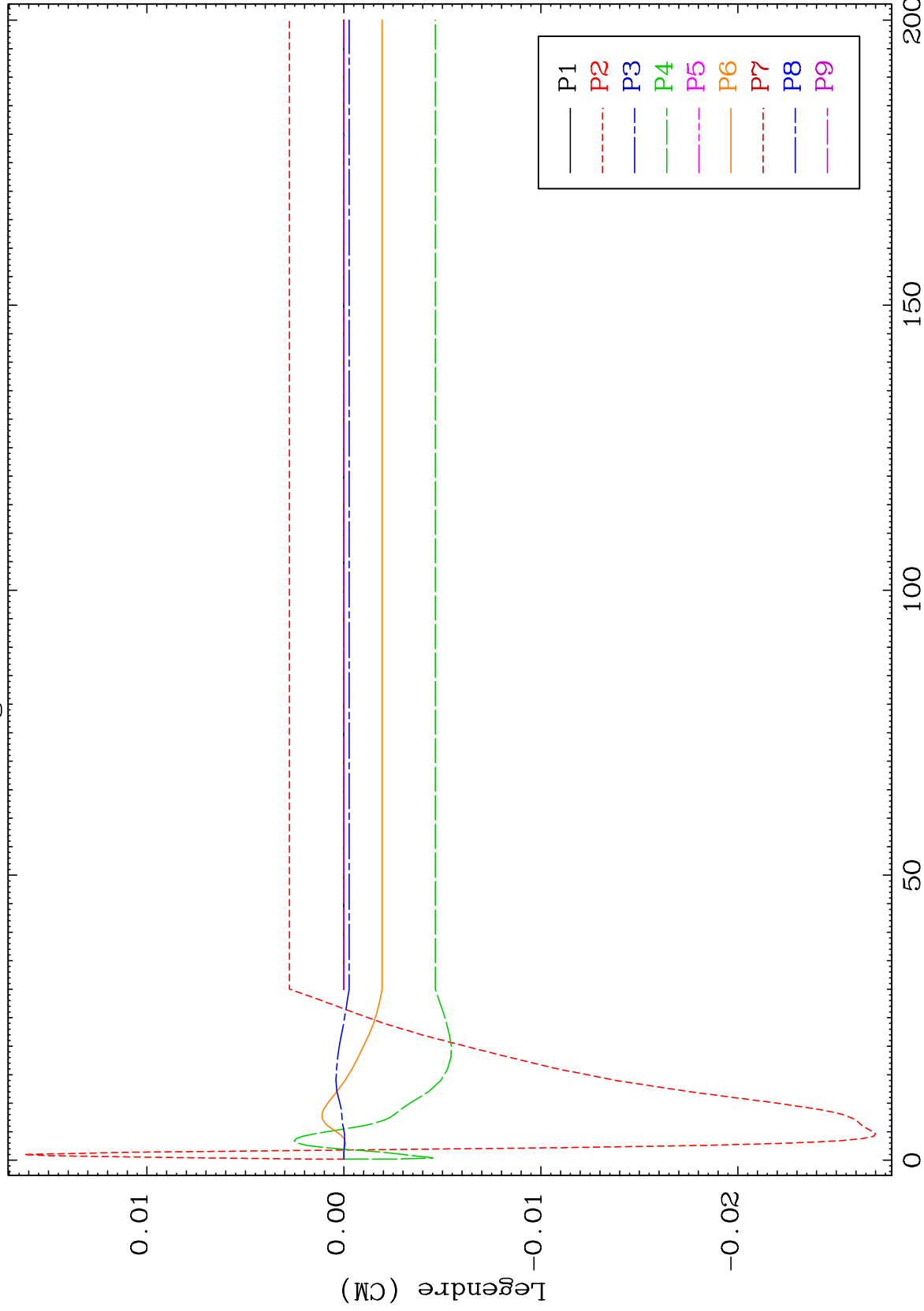
Incident Energy (MeV)

40

MAT 6704

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

67-Ho-158



41

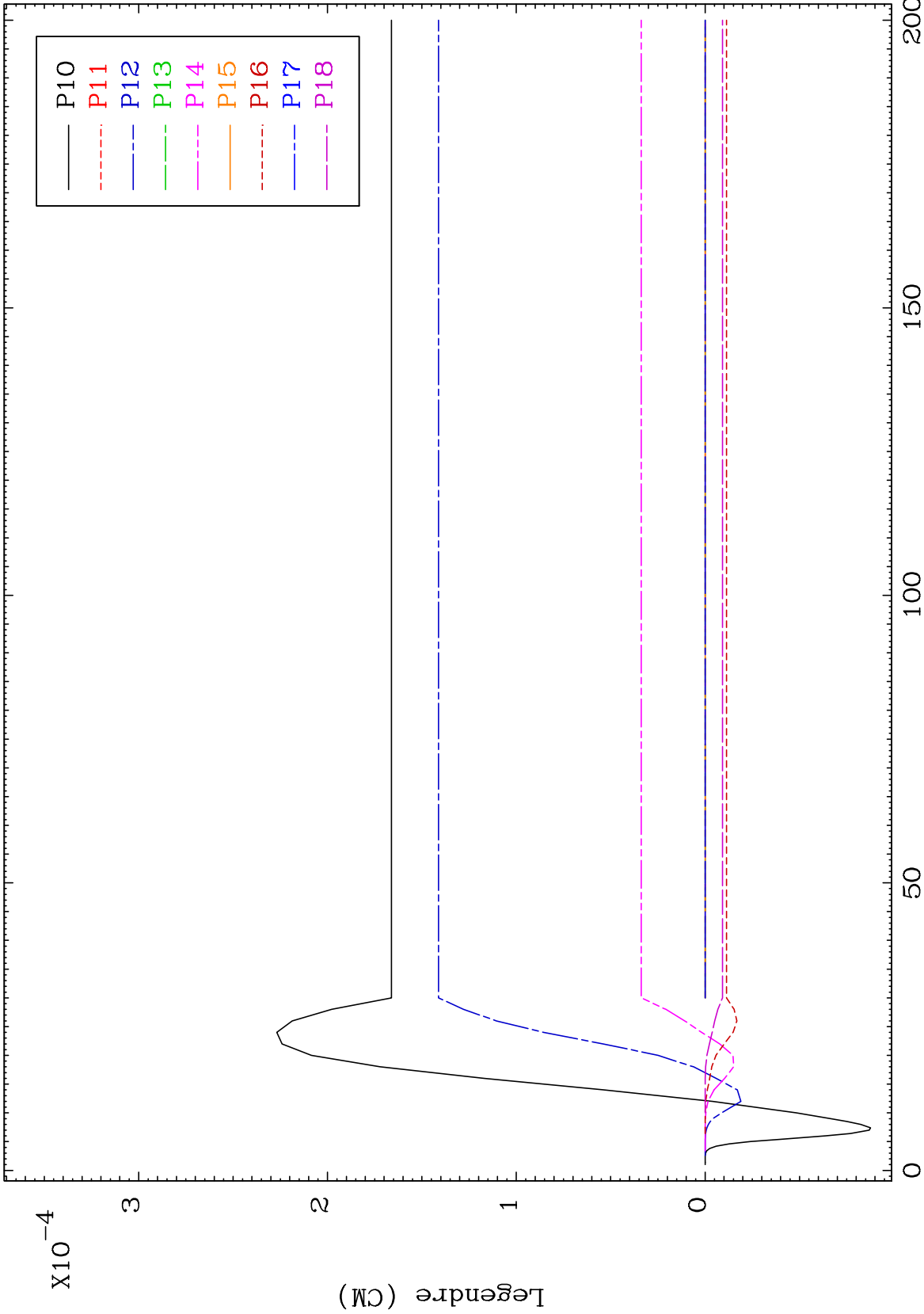
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



42

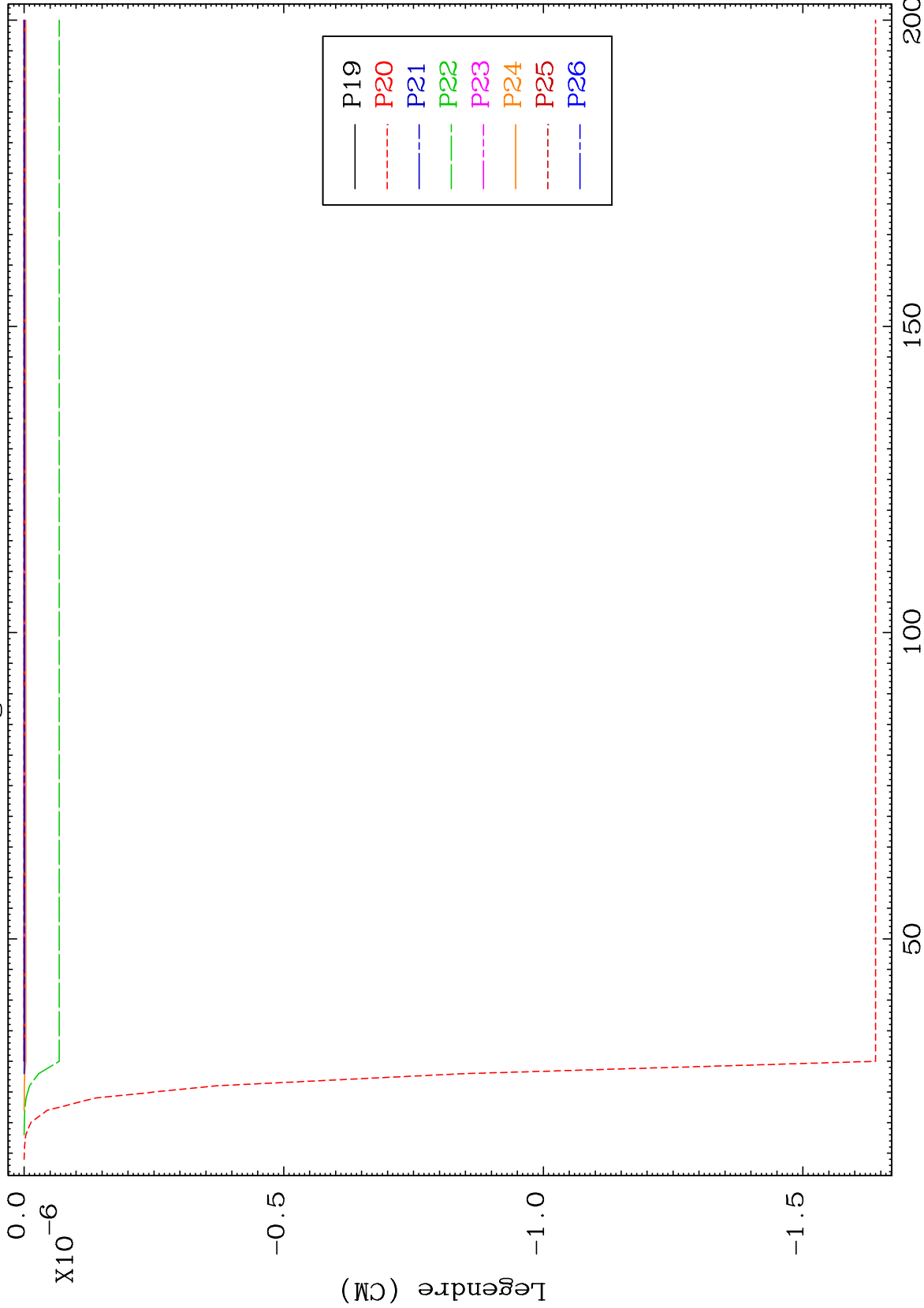
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



43

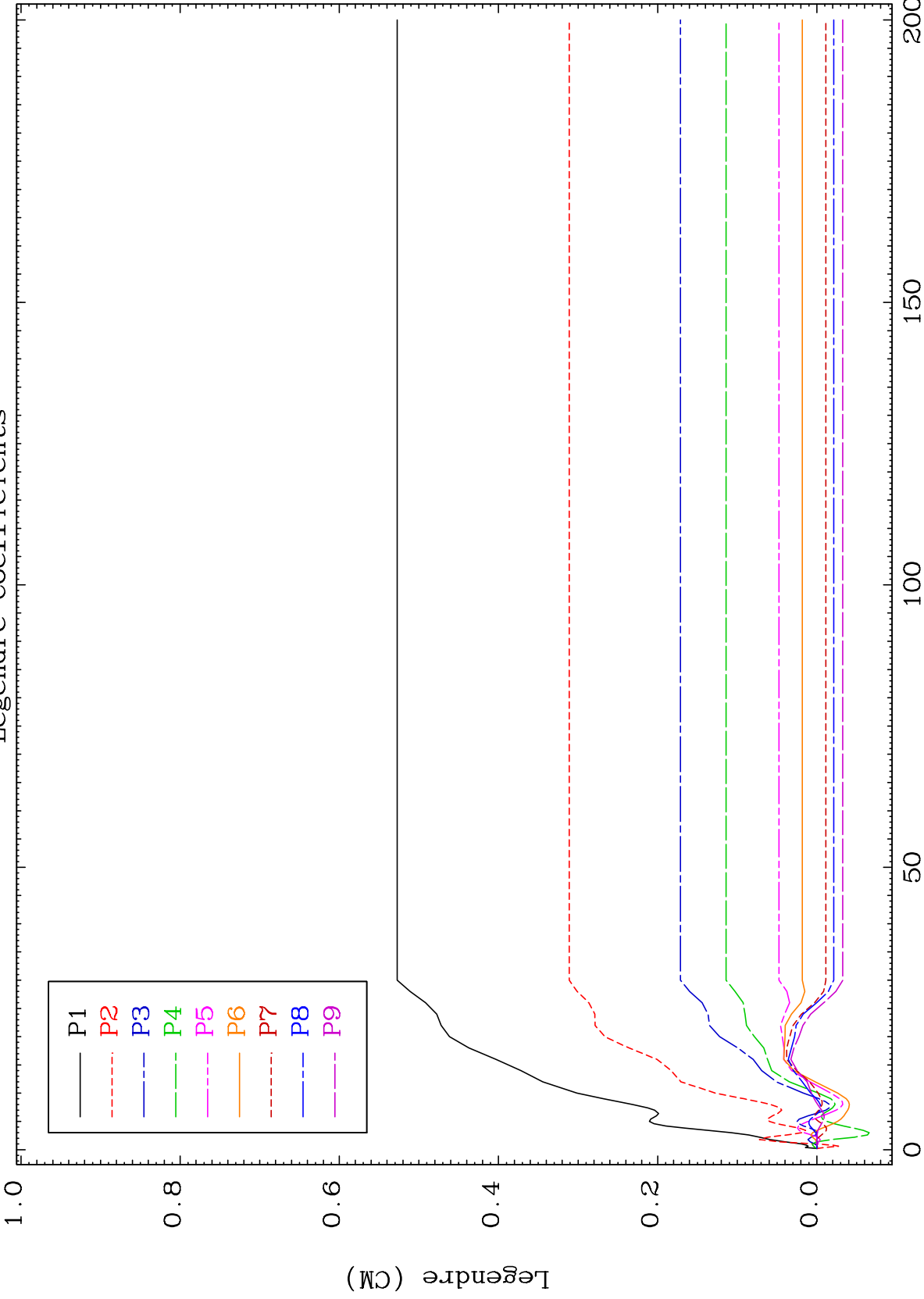
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



44

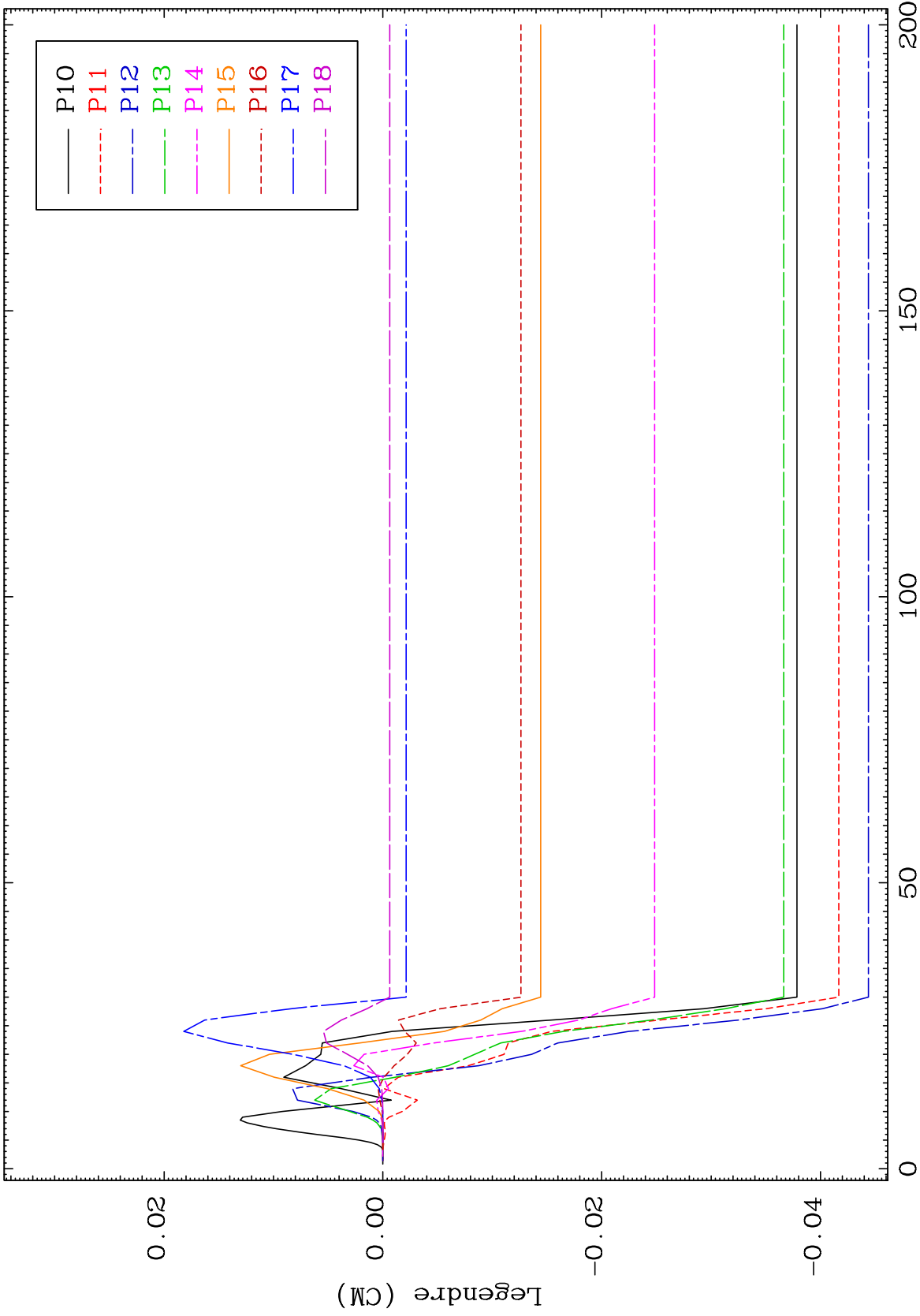
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



45

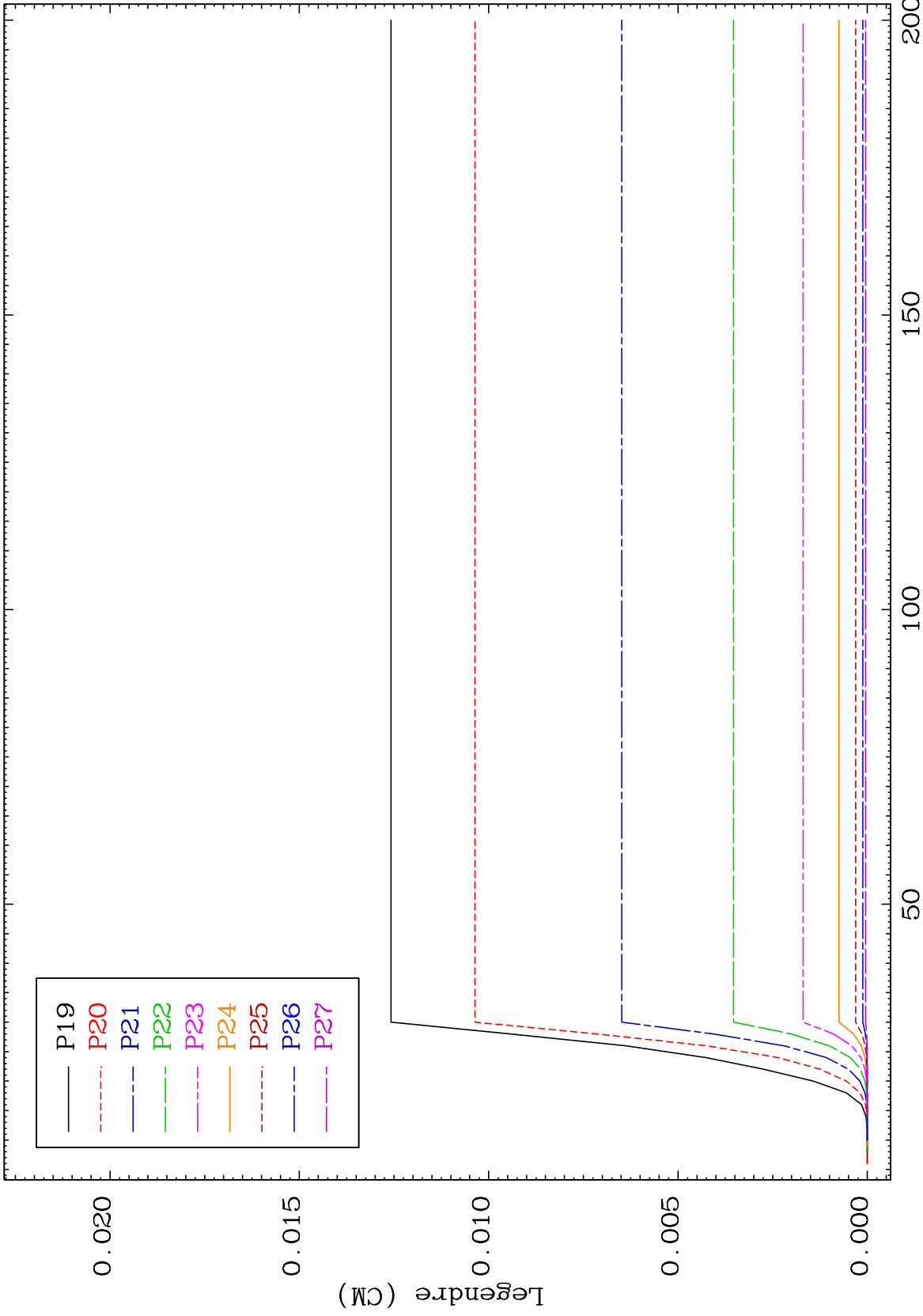
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



46

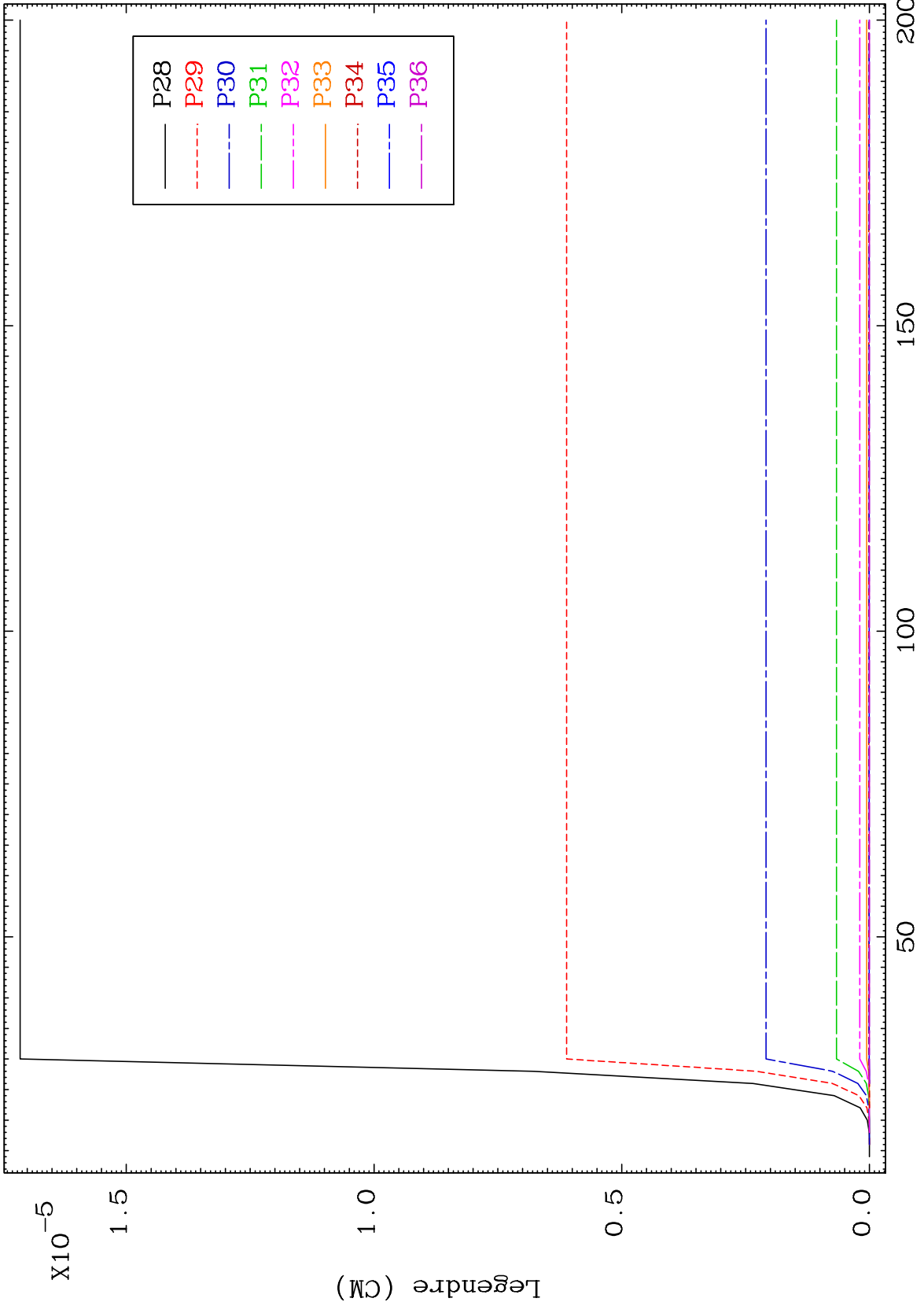
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



47

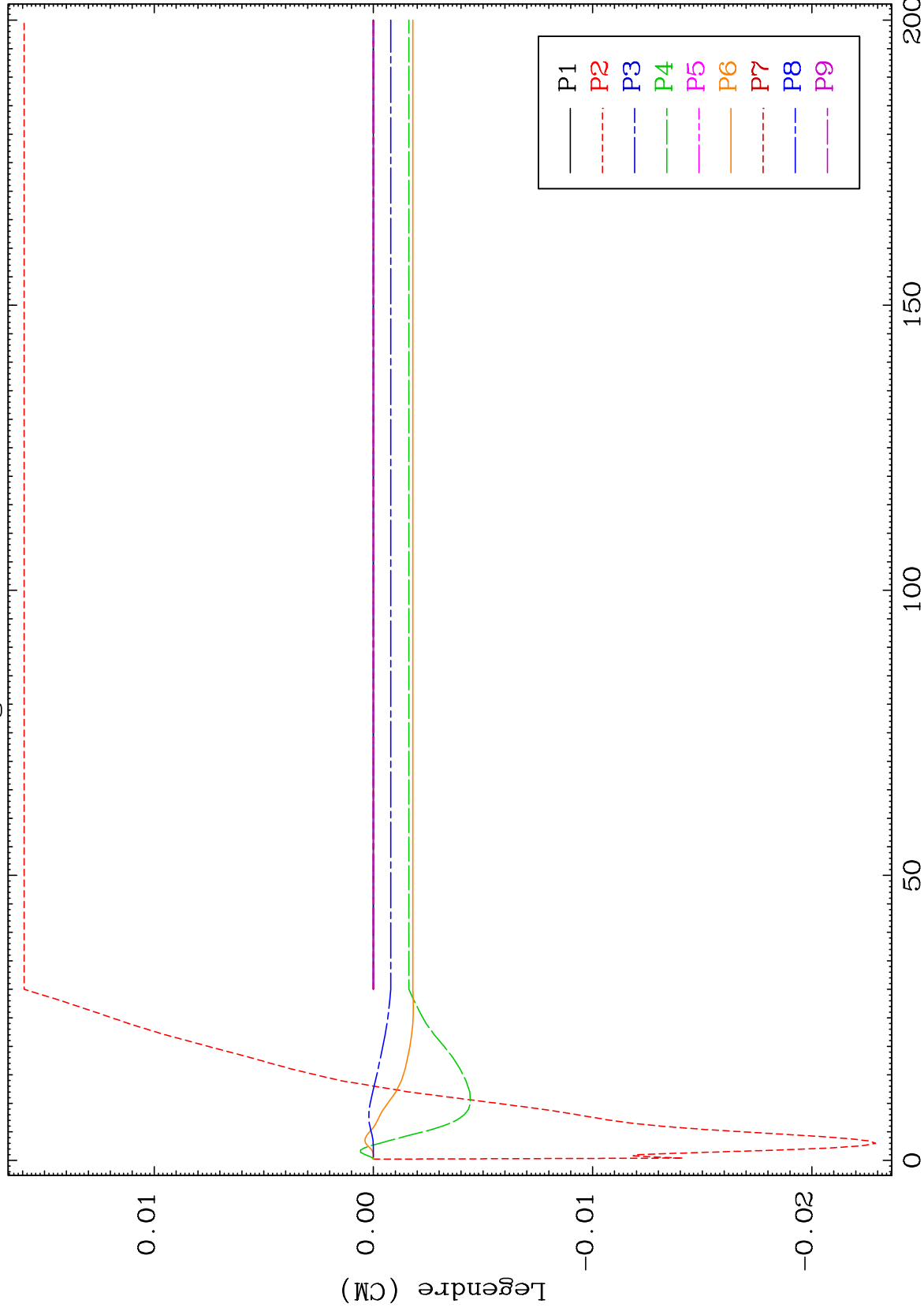
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



48

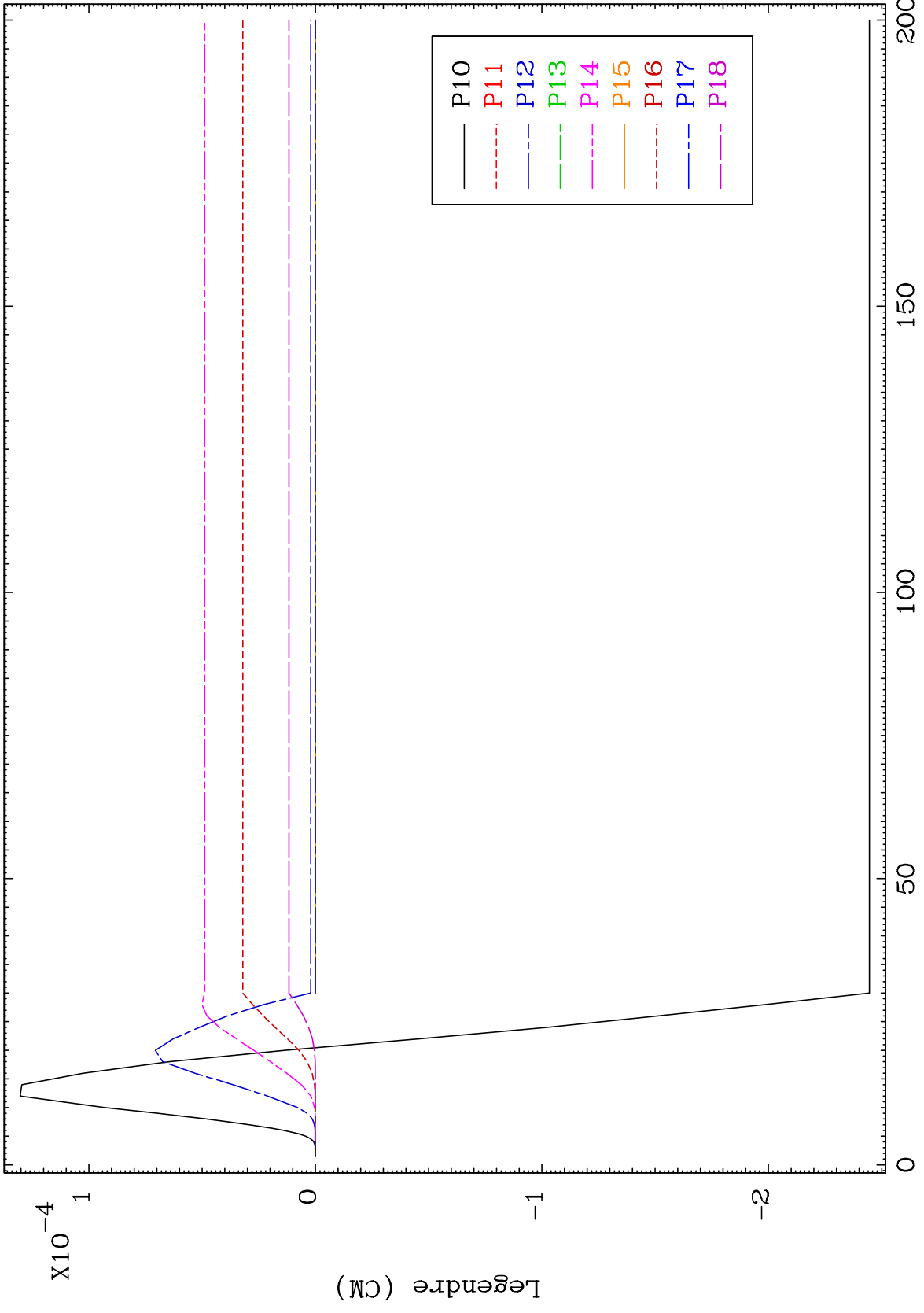
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



49

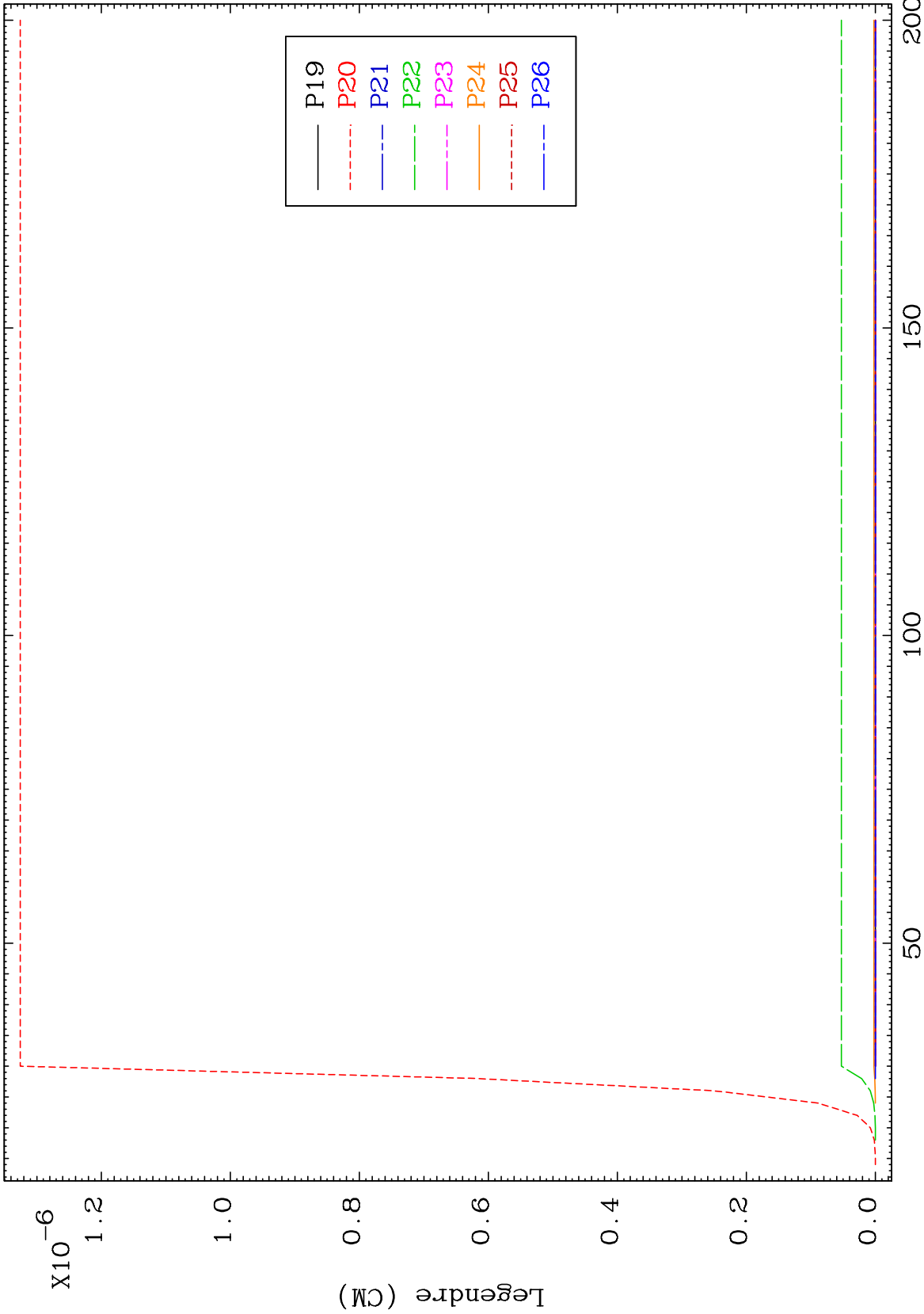
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



50

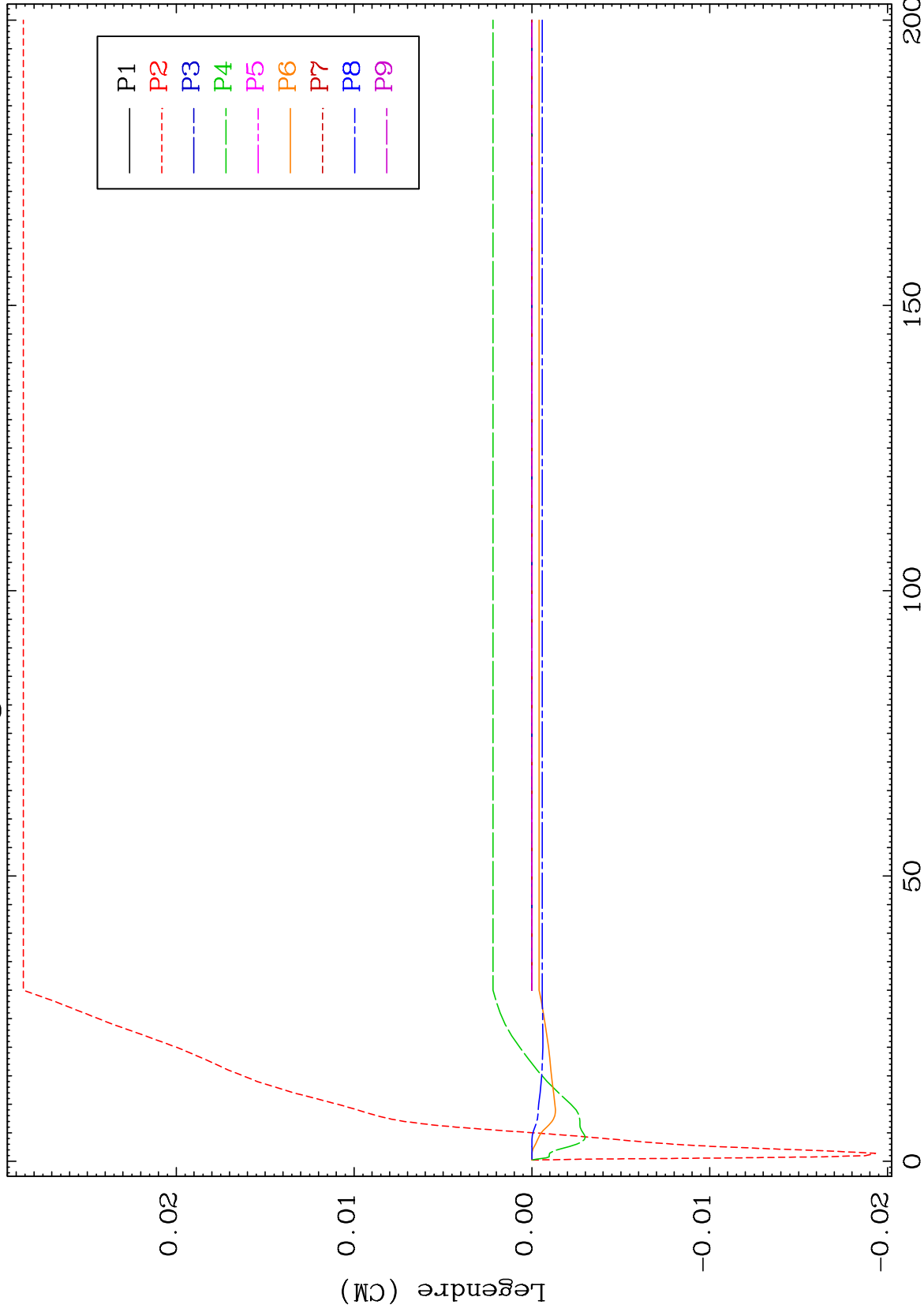
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



51

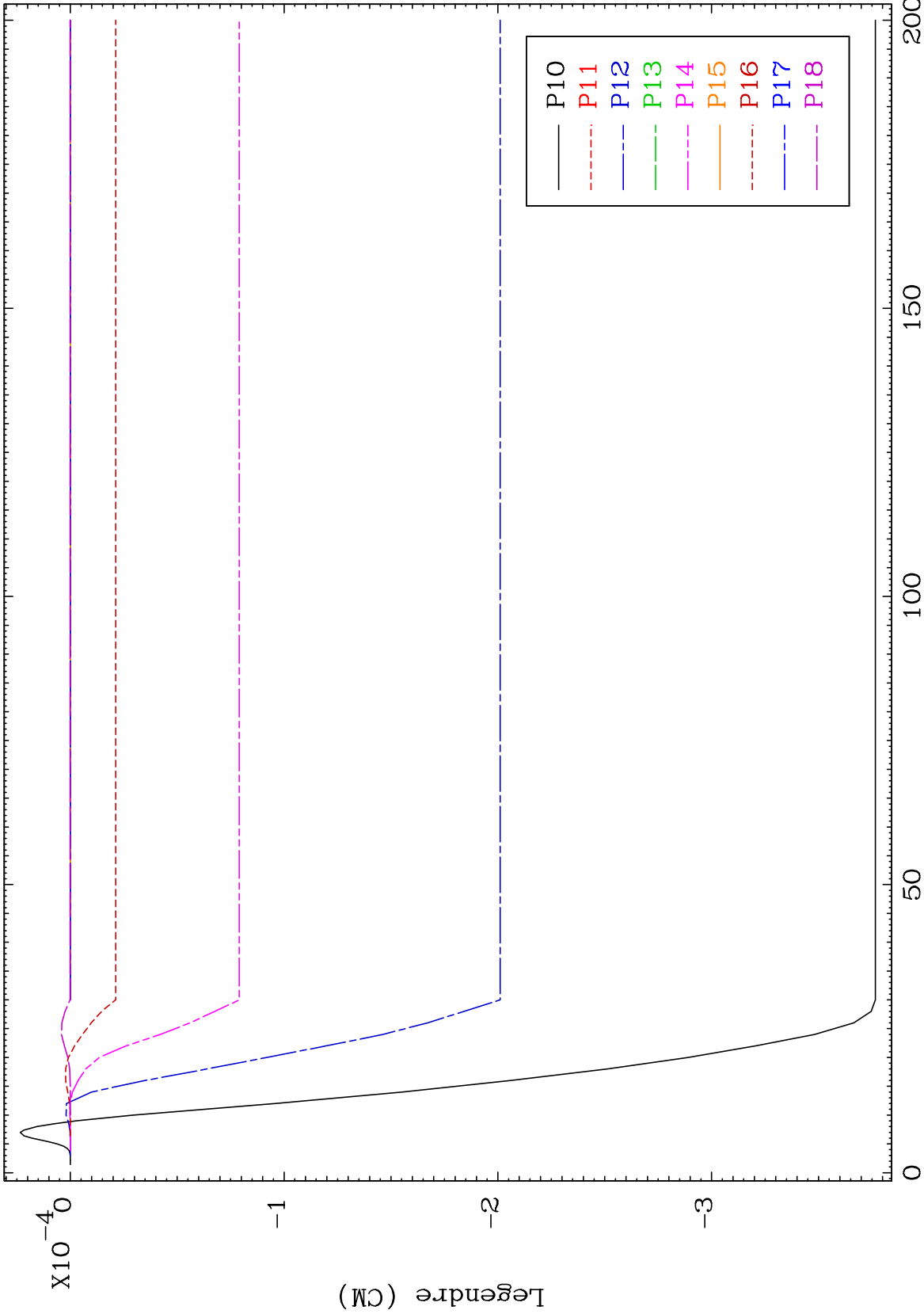
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158

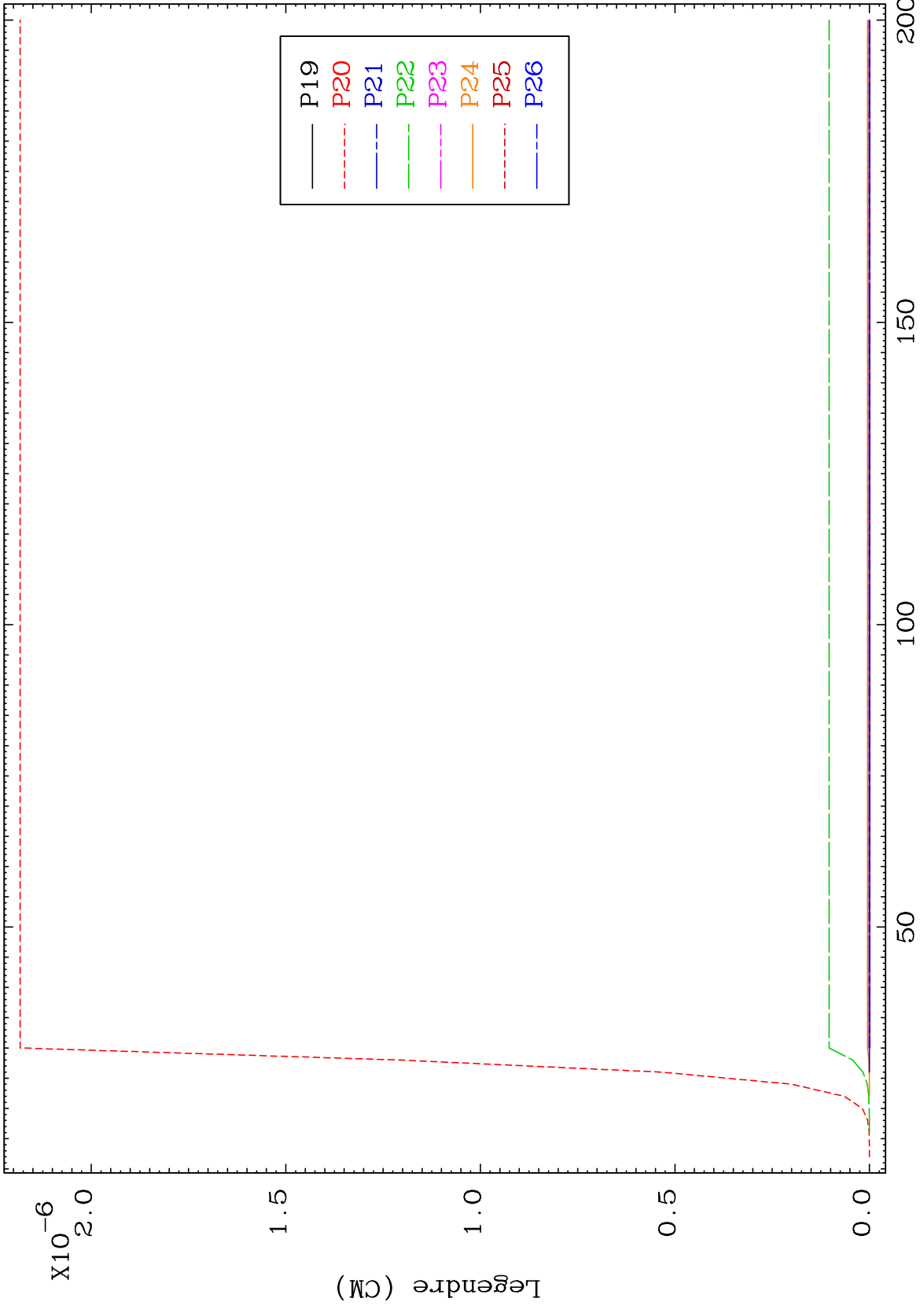


52

Incident Energy (MeV)

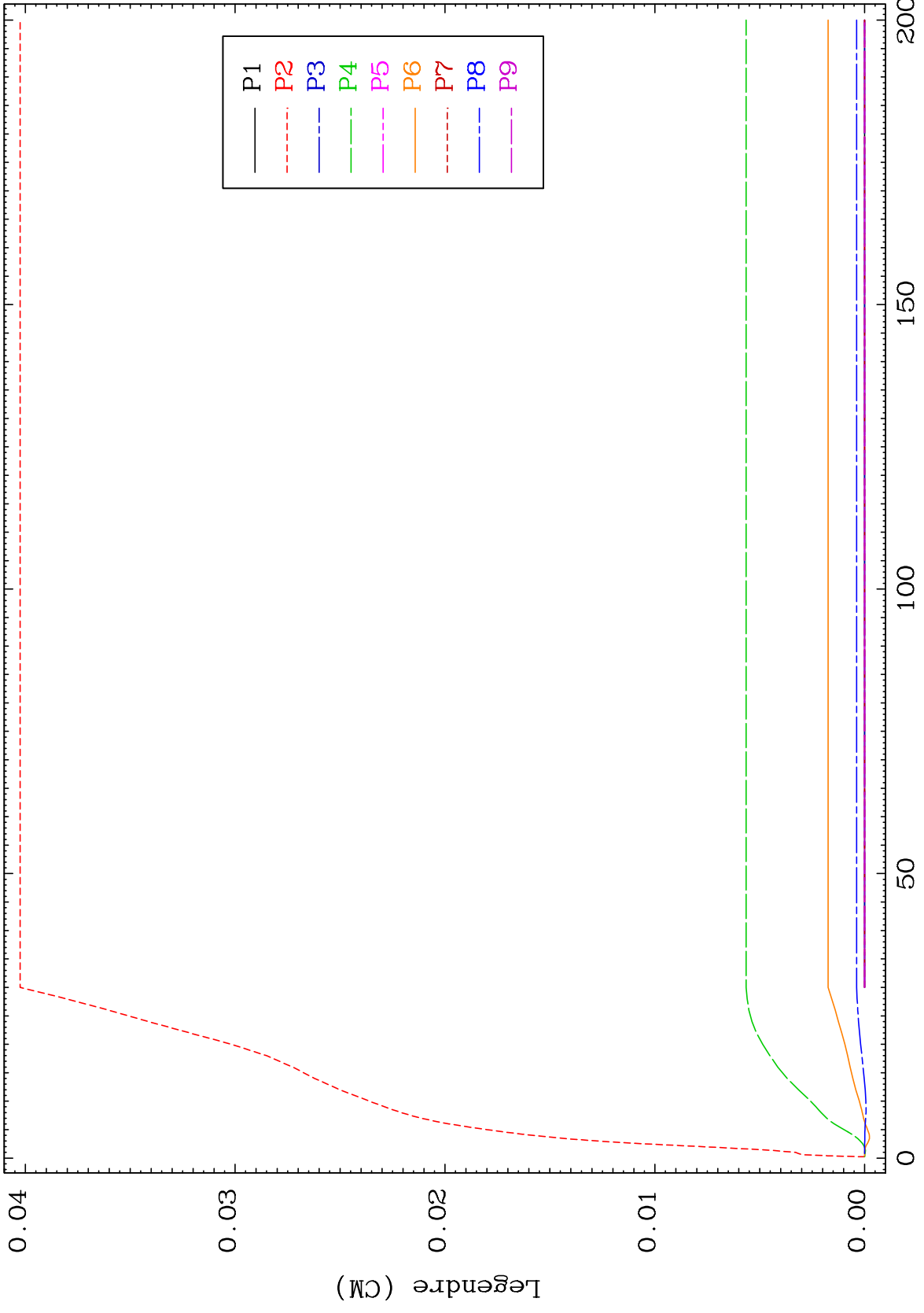
67-Ho-158

MAT 6704 MT= 60 (n,n') Level Legendre Coefficients 67-Ho-158



53 Incident Energy (MeV) 67-Ho-158

MAT 6704 MT= 61 (n,n') Level Legendre Coefficients 67-Ho-158

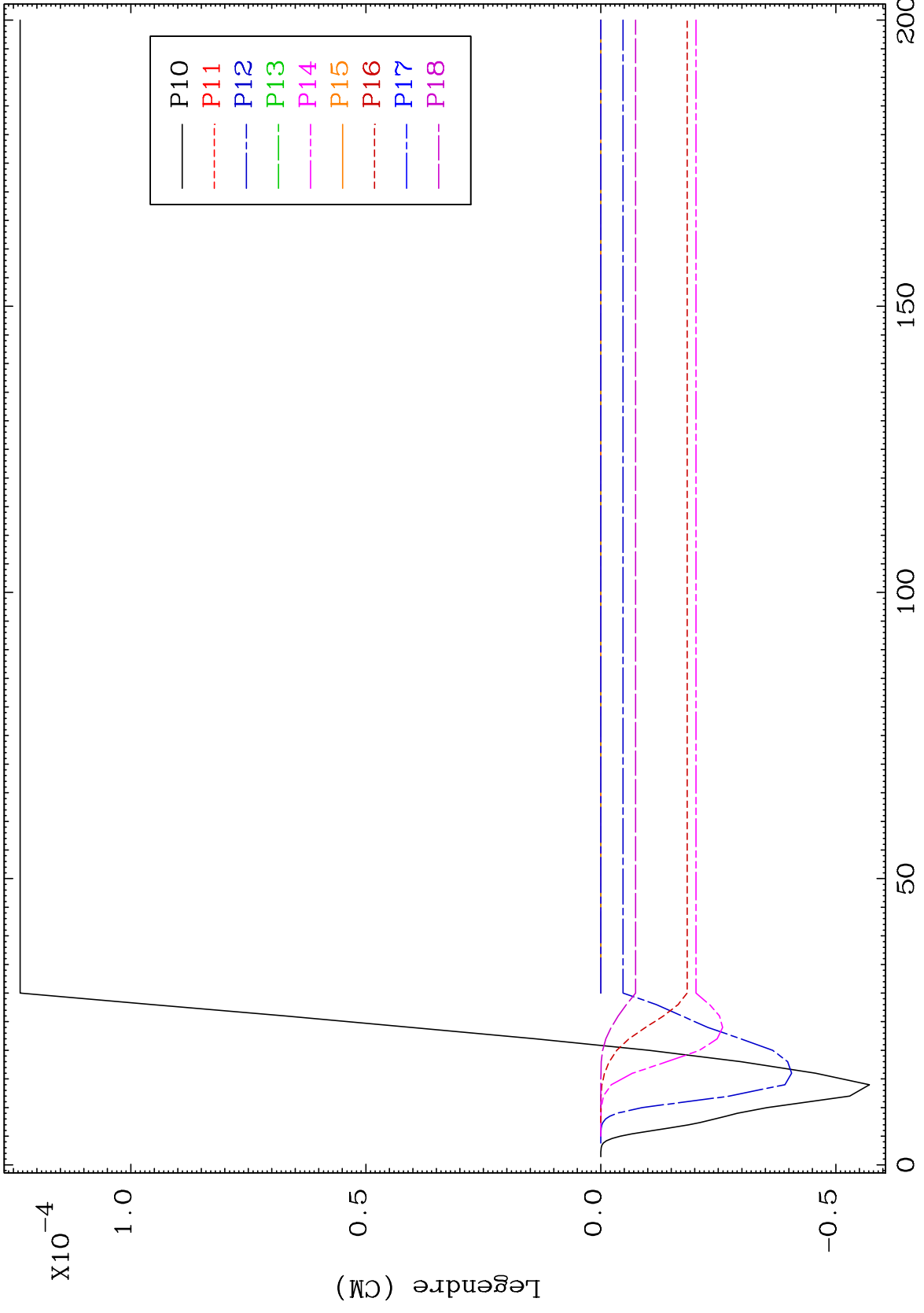


54 67-Ho-158

MAT 6704

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

67-Ho-158



55

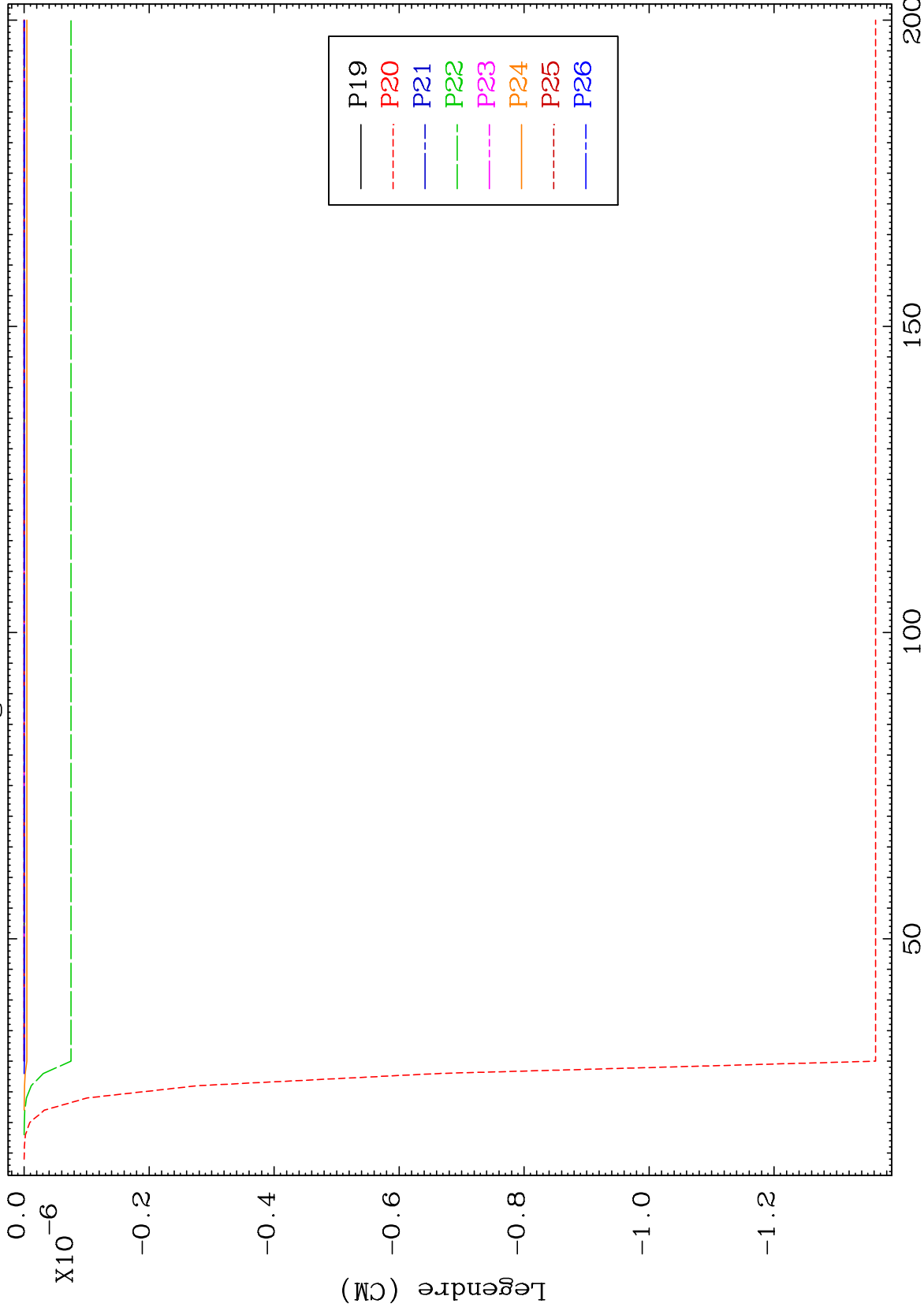
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



56

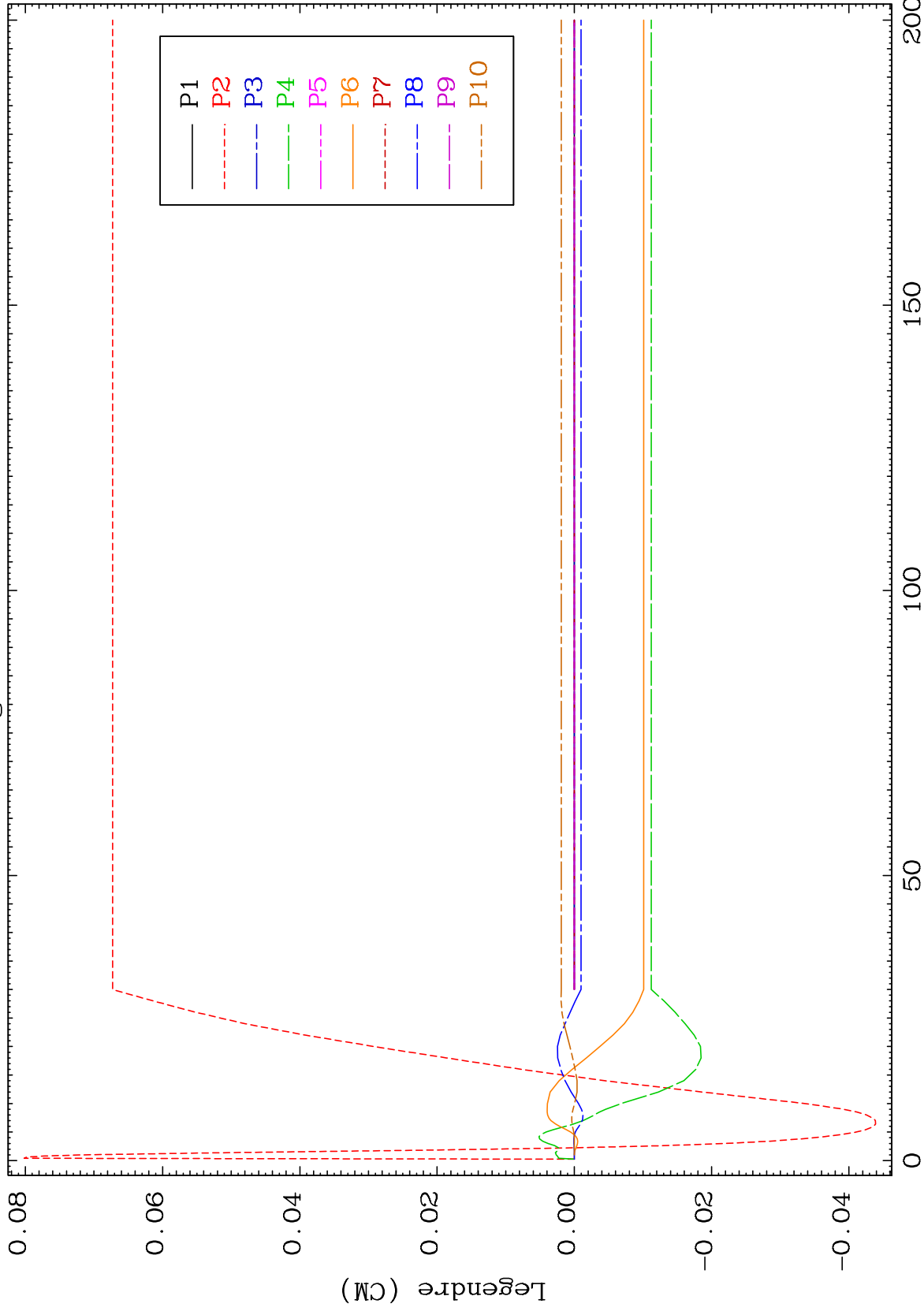
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158

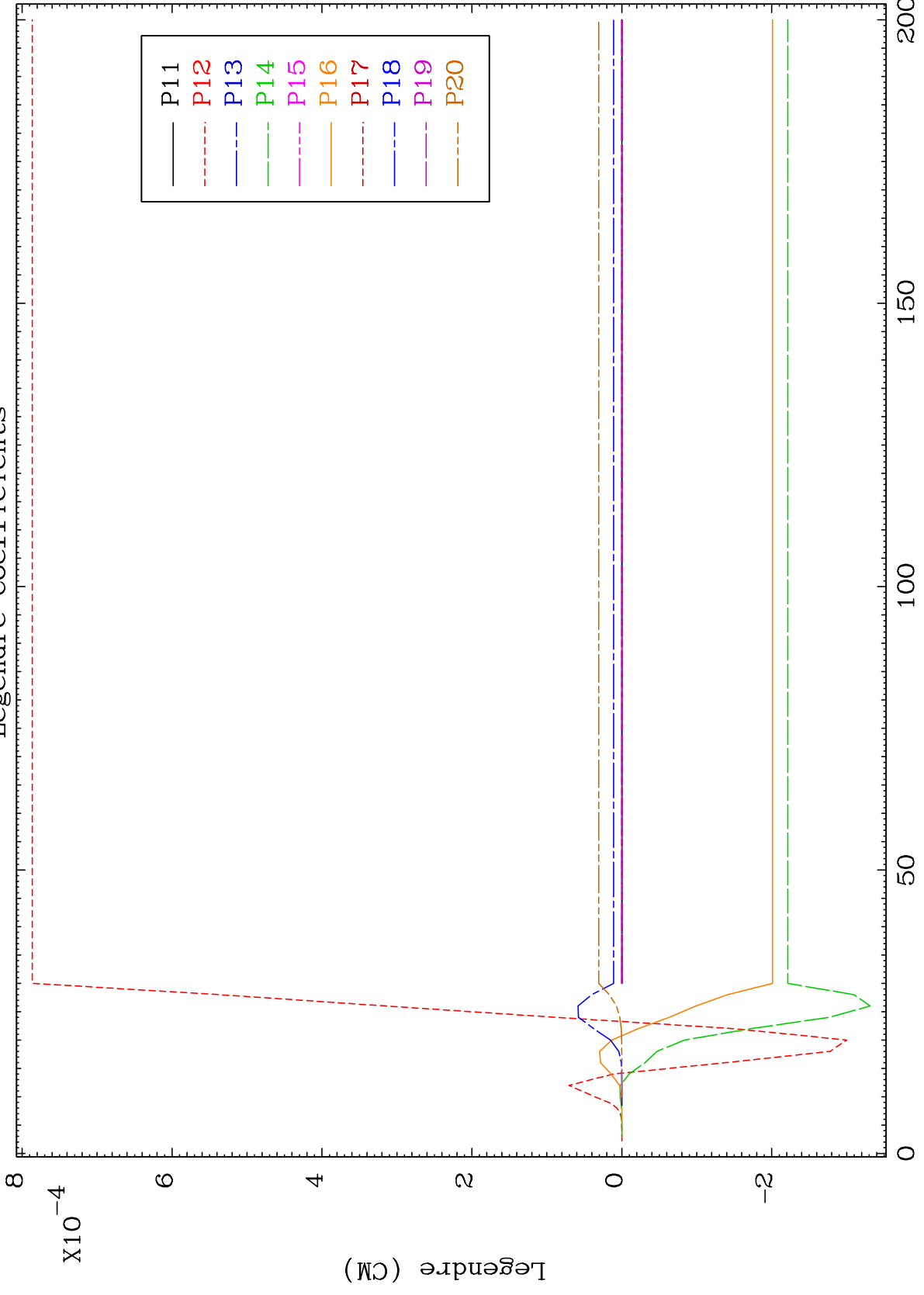


57

Incident Energy (MeV)

67-Ho-158

MAT 6704 MT= 62 (n,n') Level Legendre Coefficients 67-Ho-158

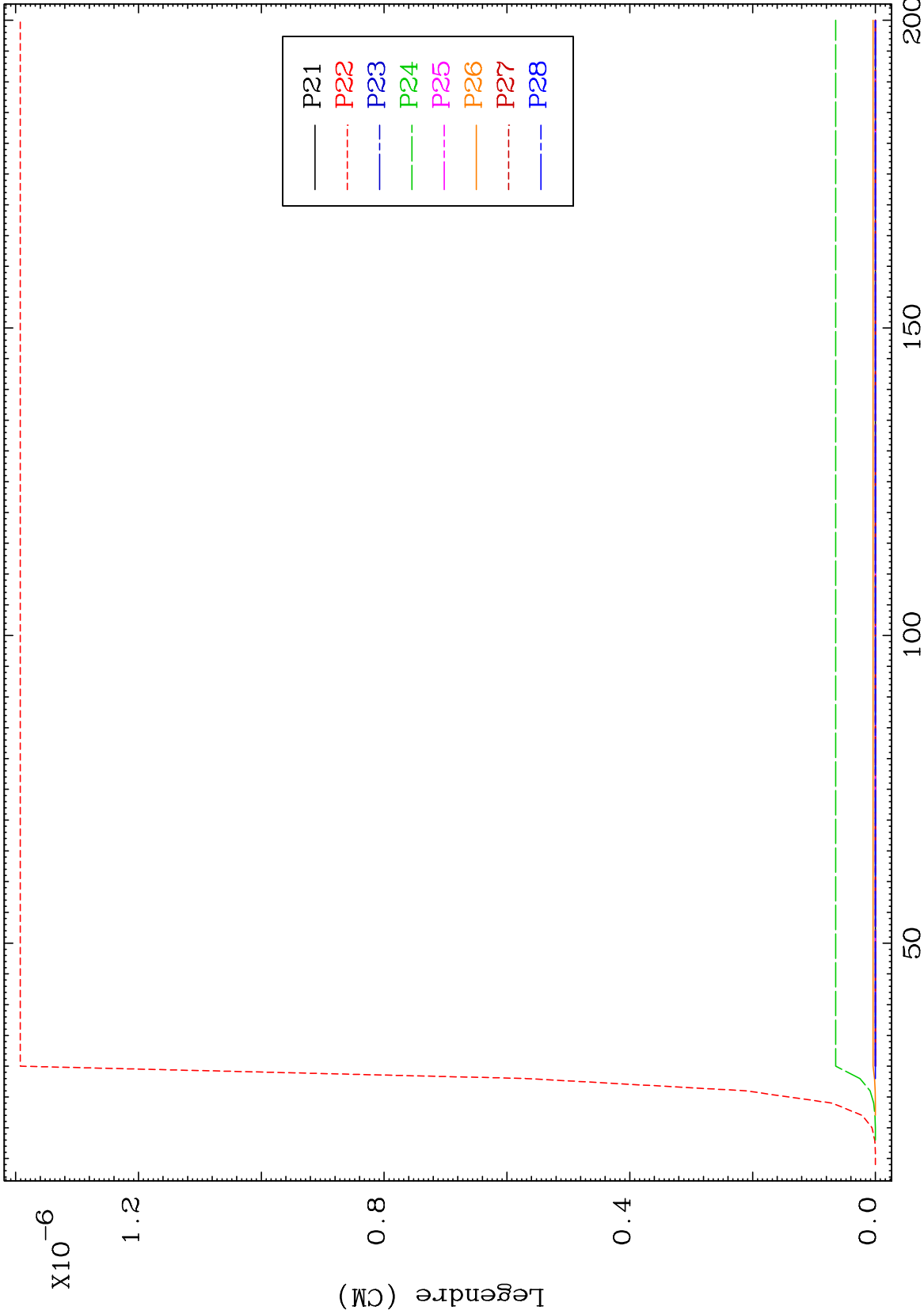


58 67-Ho-158

MAT 6704

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

67-Ho-158



59

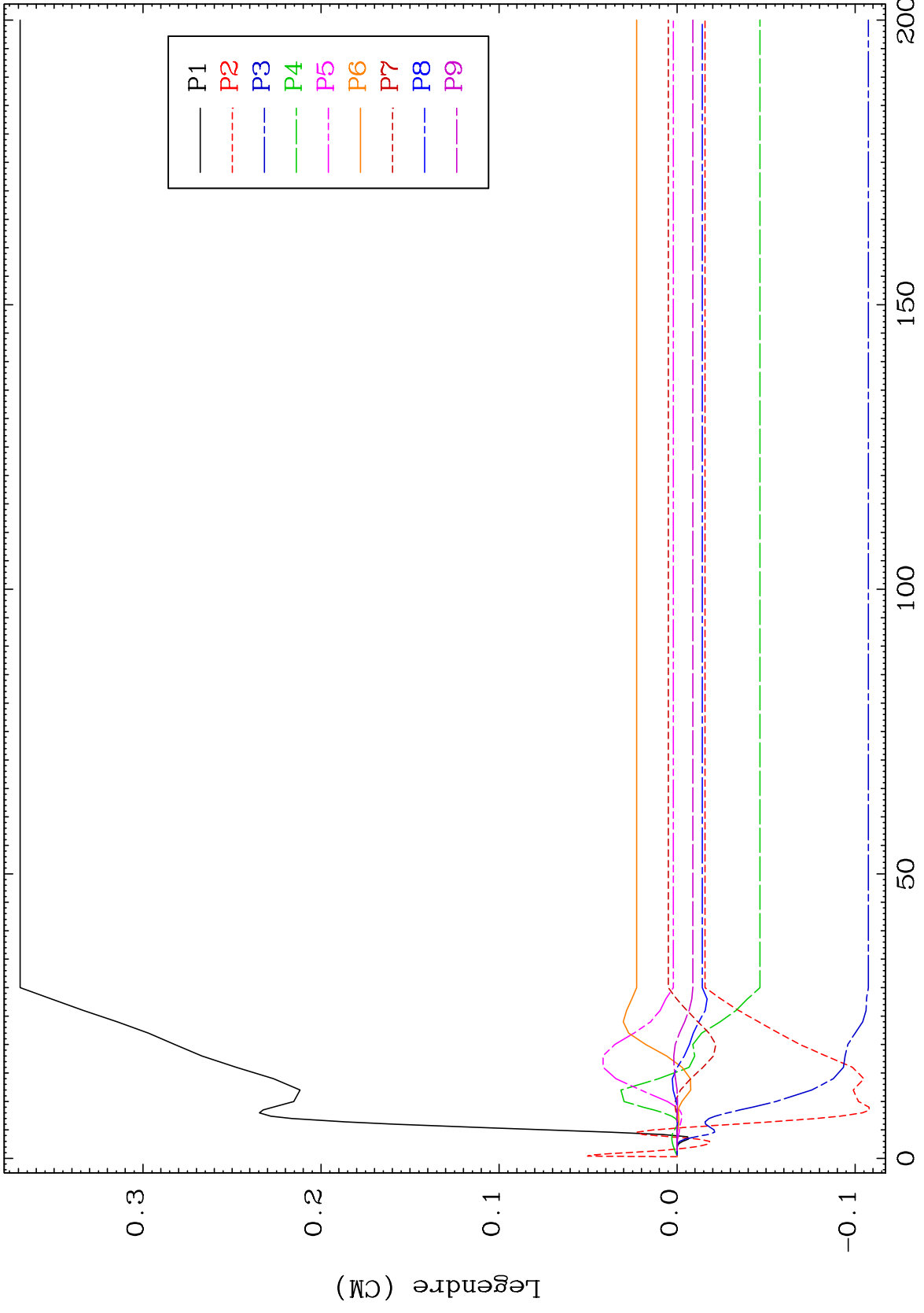
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



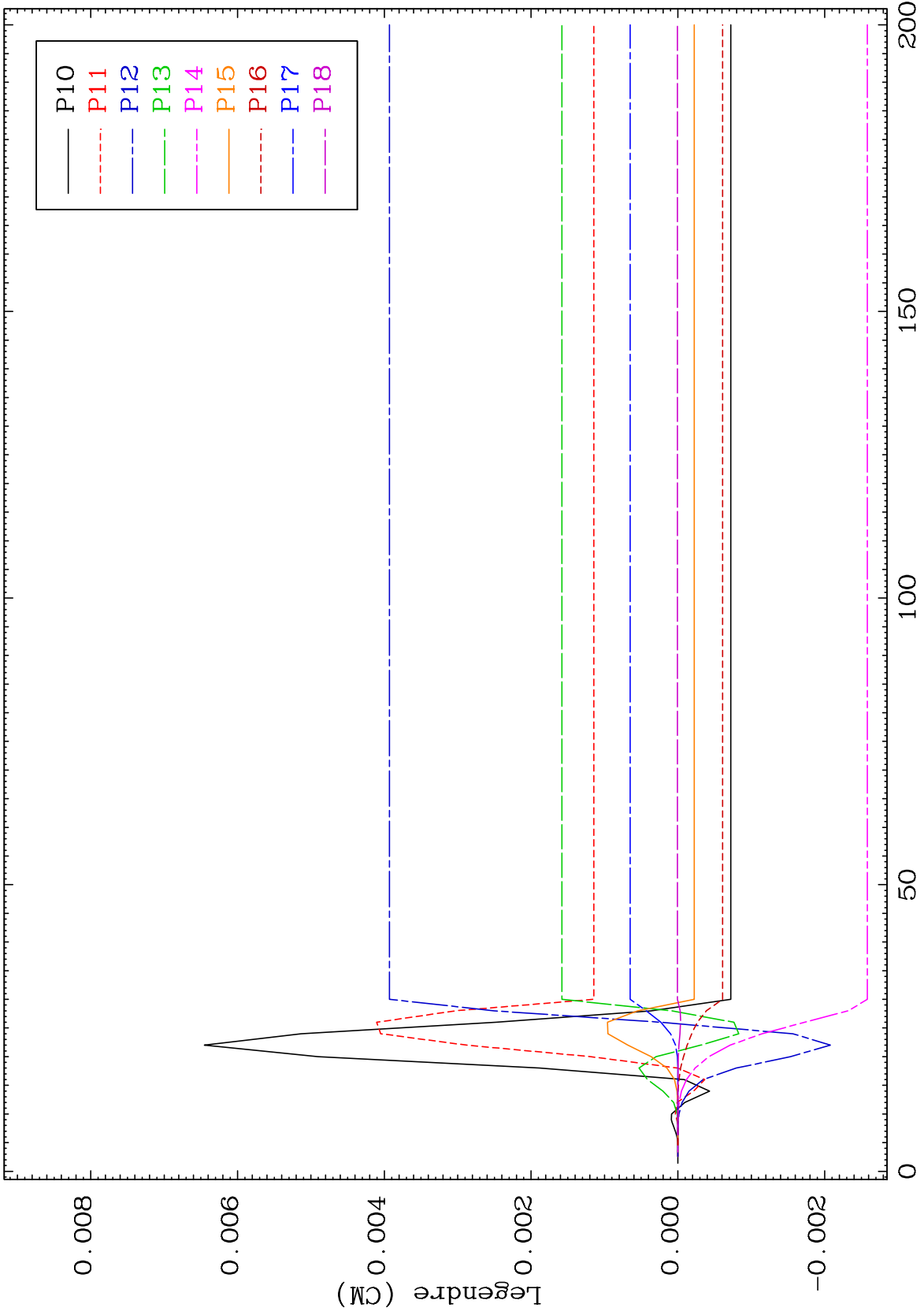
67-Ho-158

Incident Energy (MeV)

MAT 6704

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

67-Ho-158



61

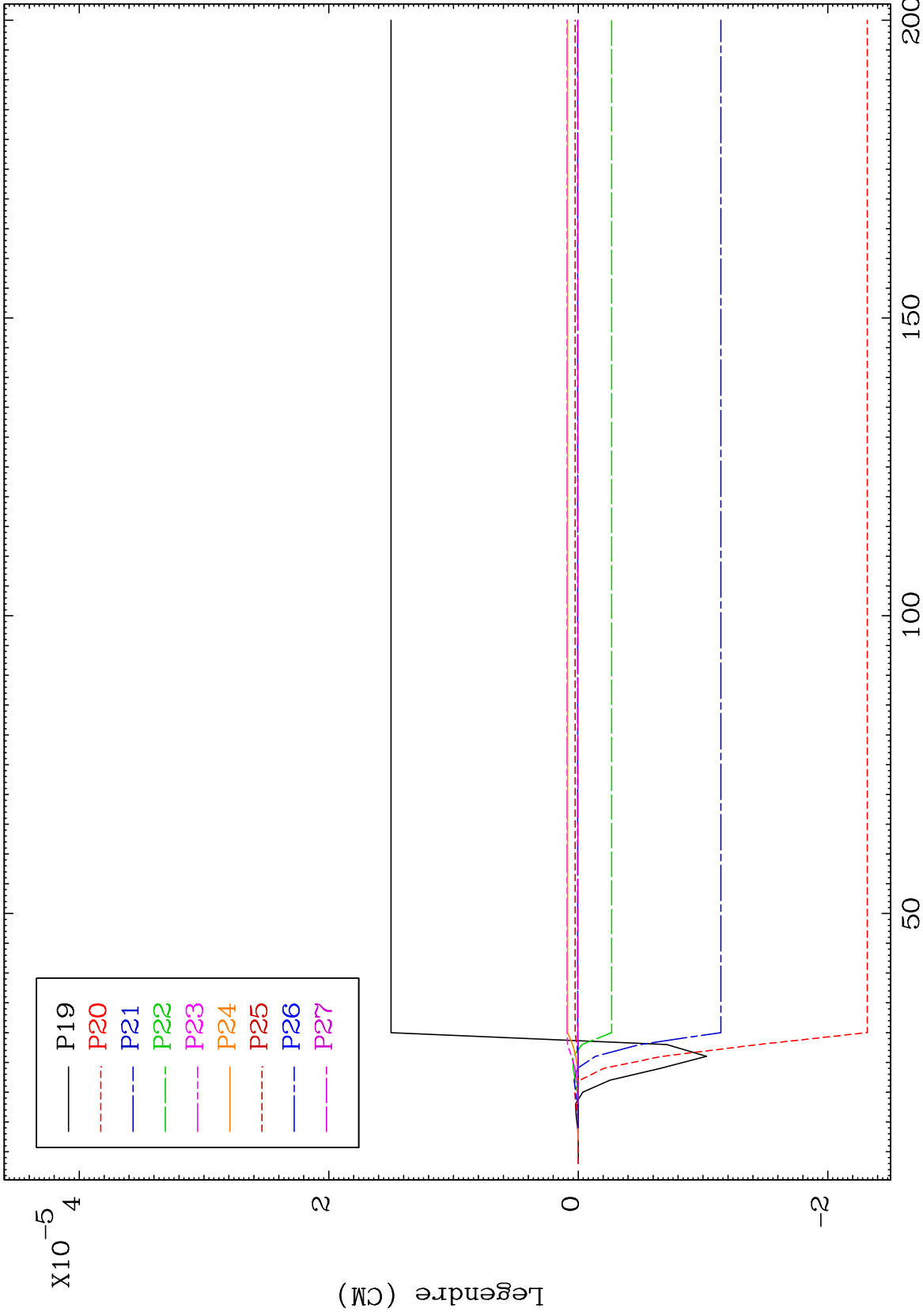
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



62

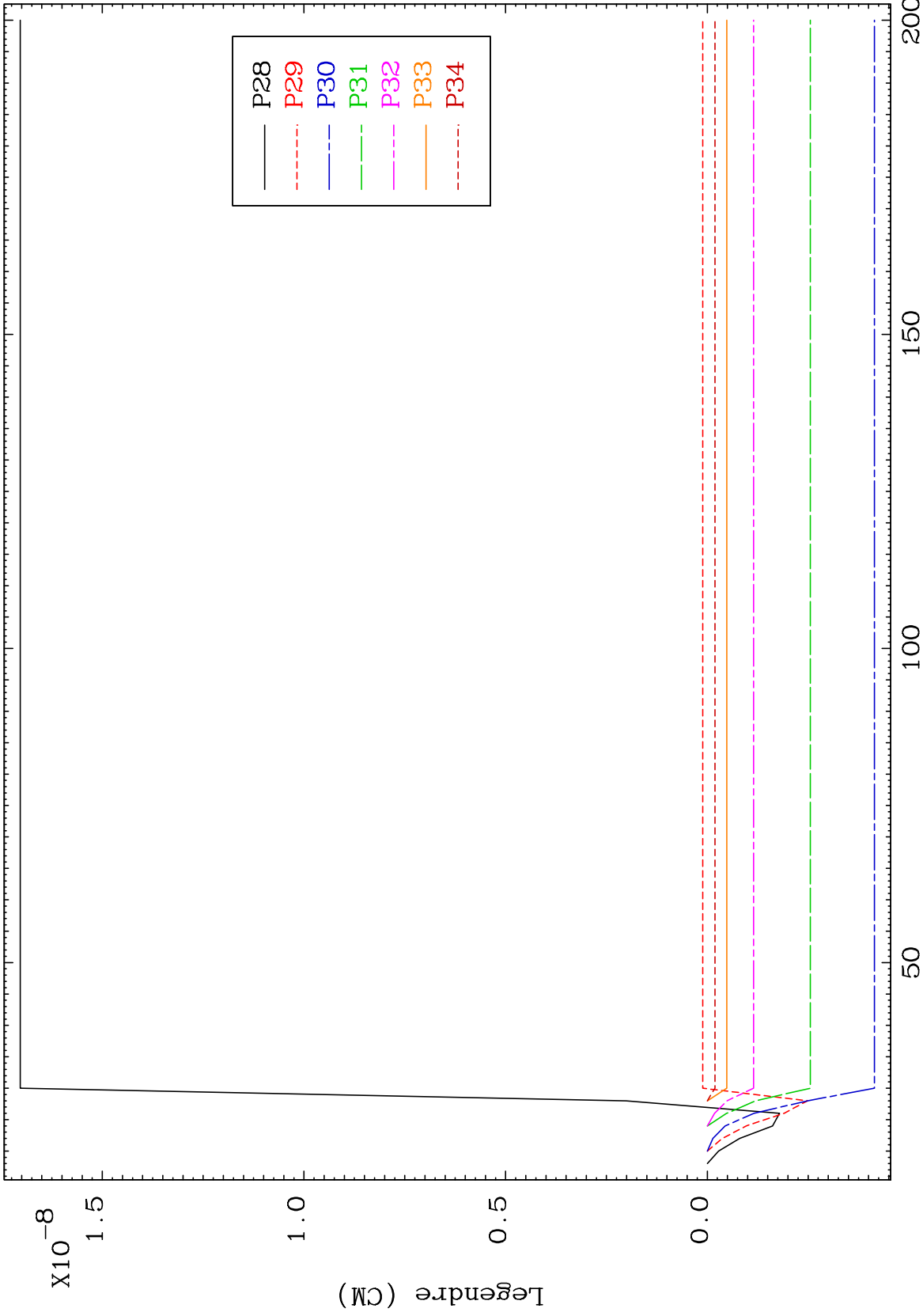
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



63

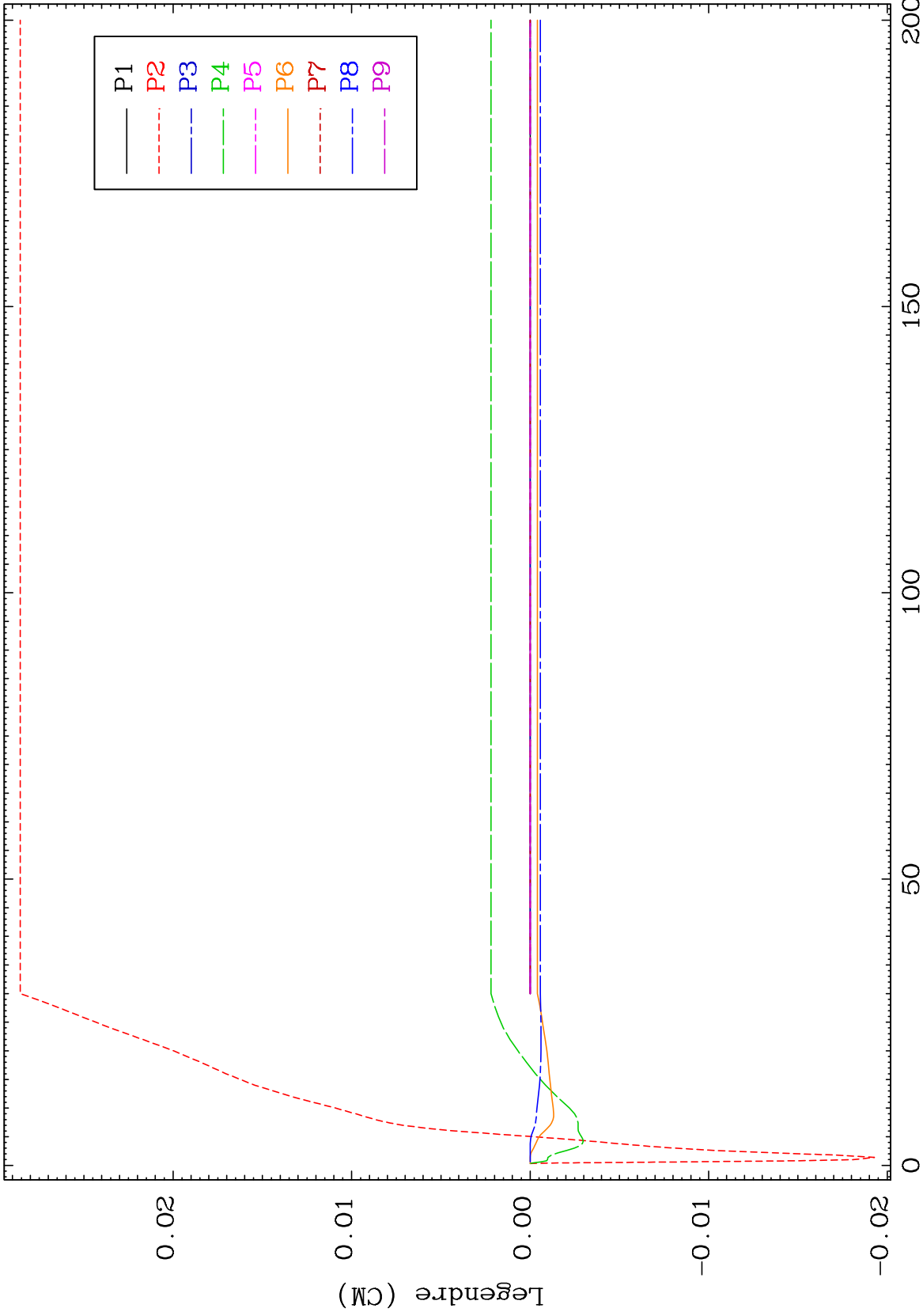
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



64

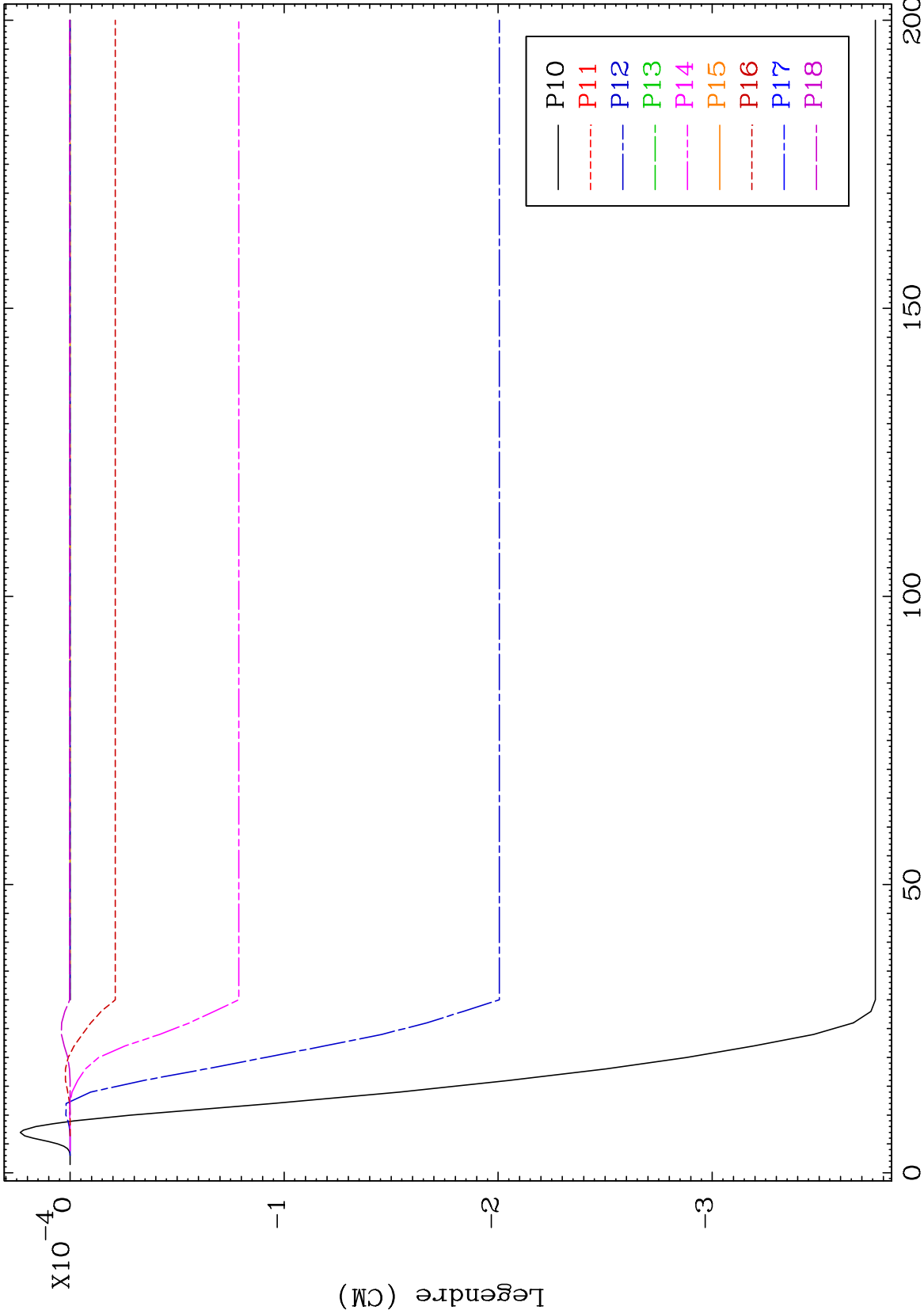
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158

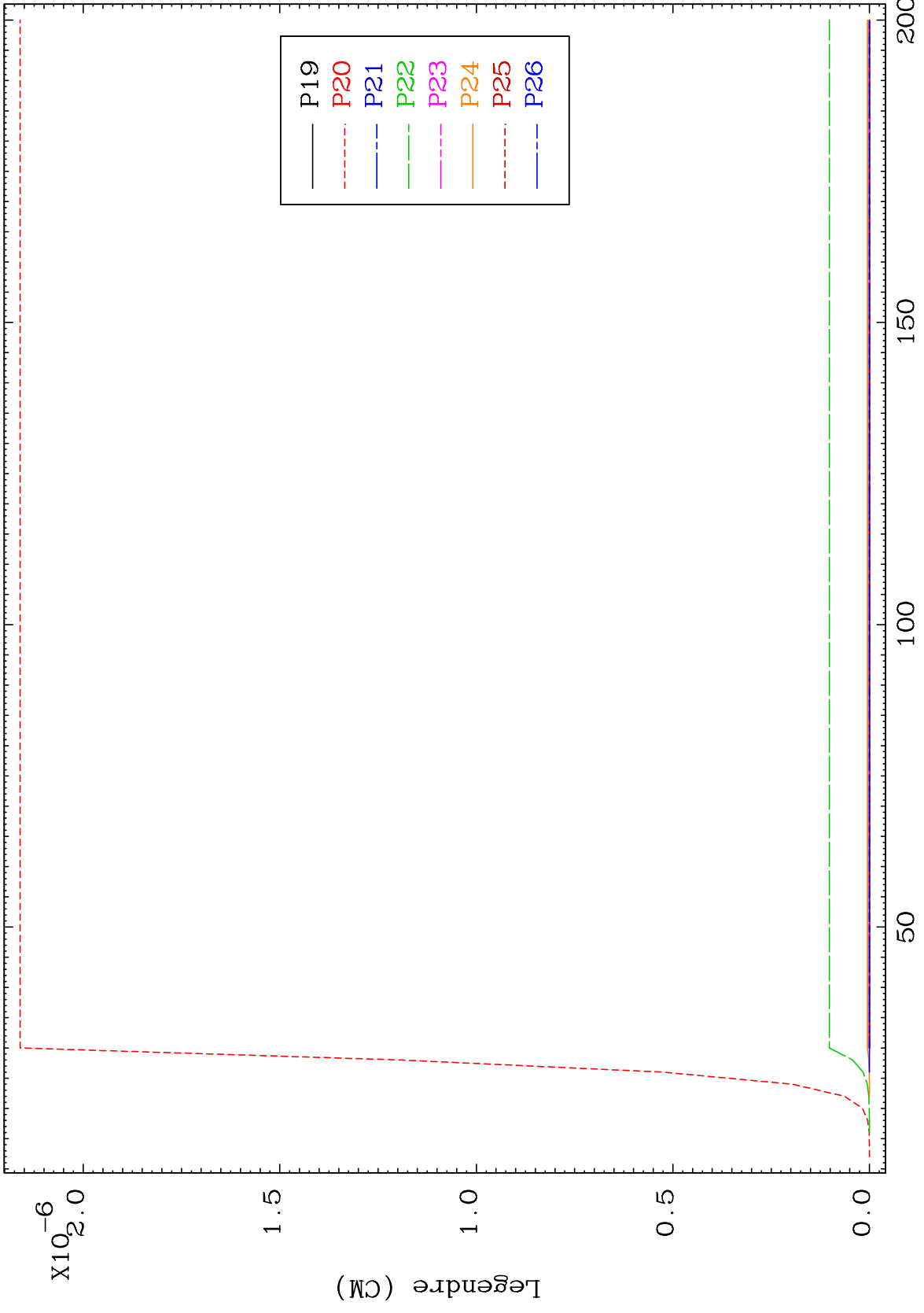


65

67-Ho-158

67-Ho-158

MAT 6704 MT= 64 (n,n') Level Legendre Coefficients 67-Ho-158

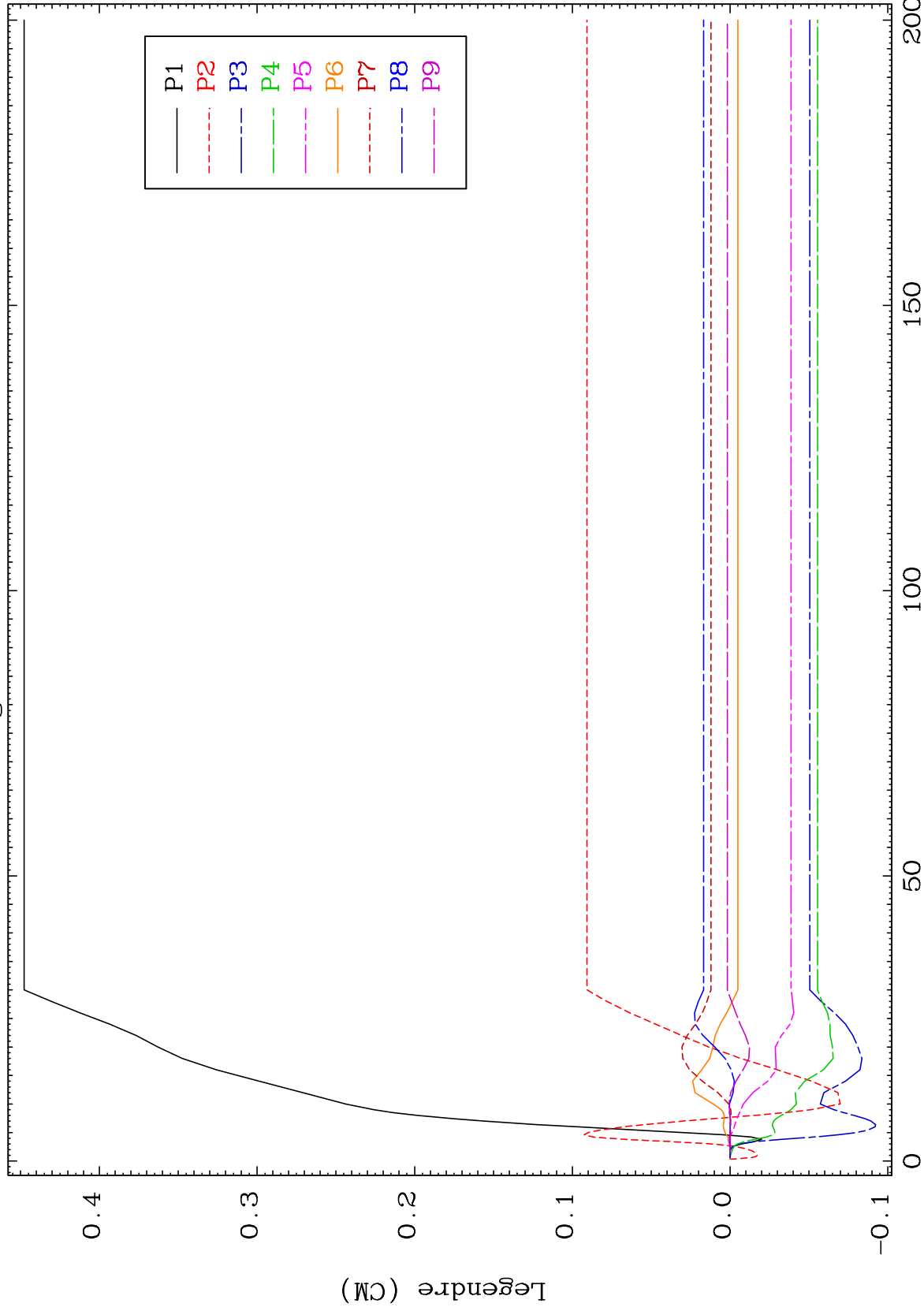


66 67-Ho-158

MAT 6704

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

67-Ho-158



67

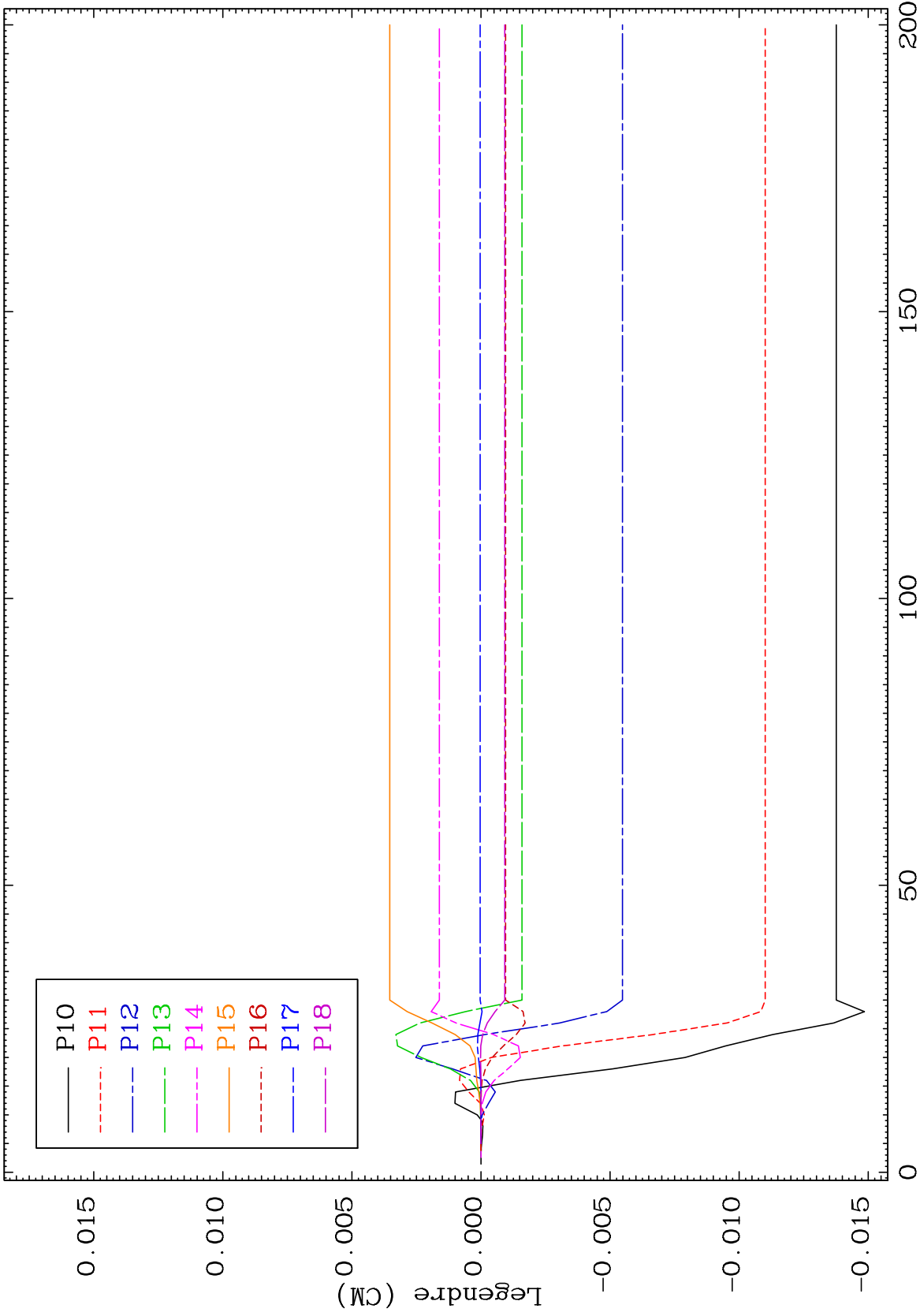
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



68

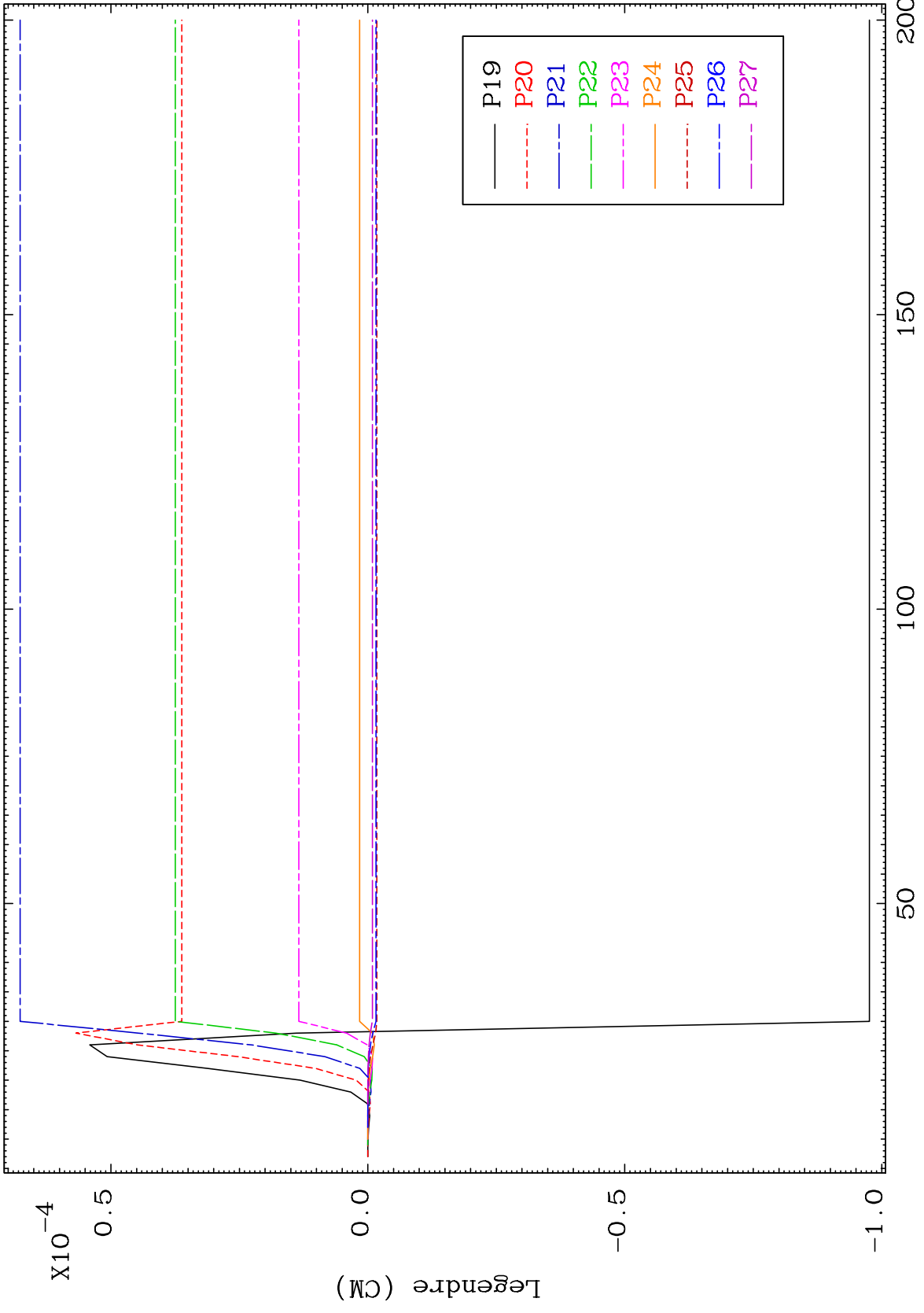
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



69

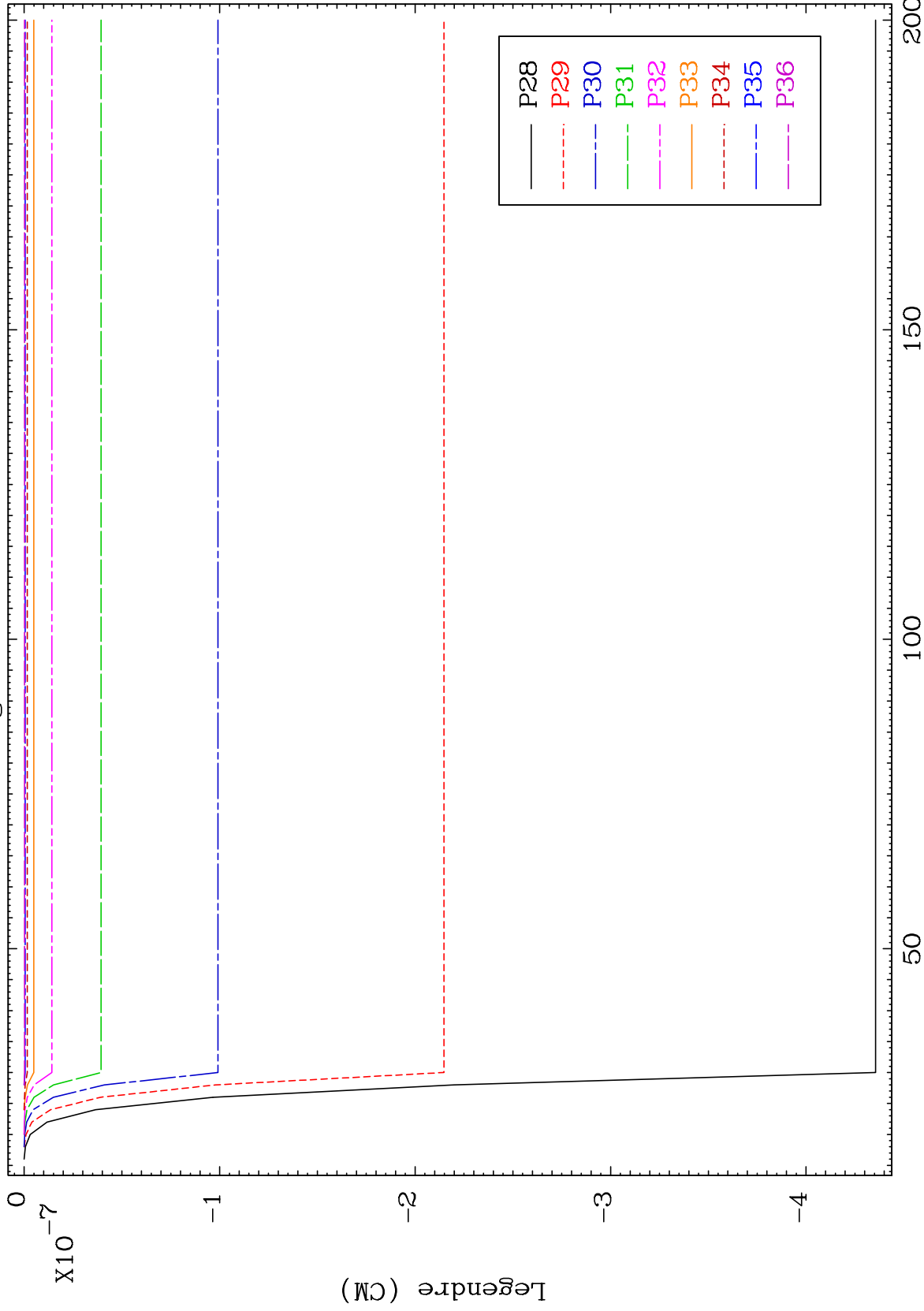
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



67-Ho-158

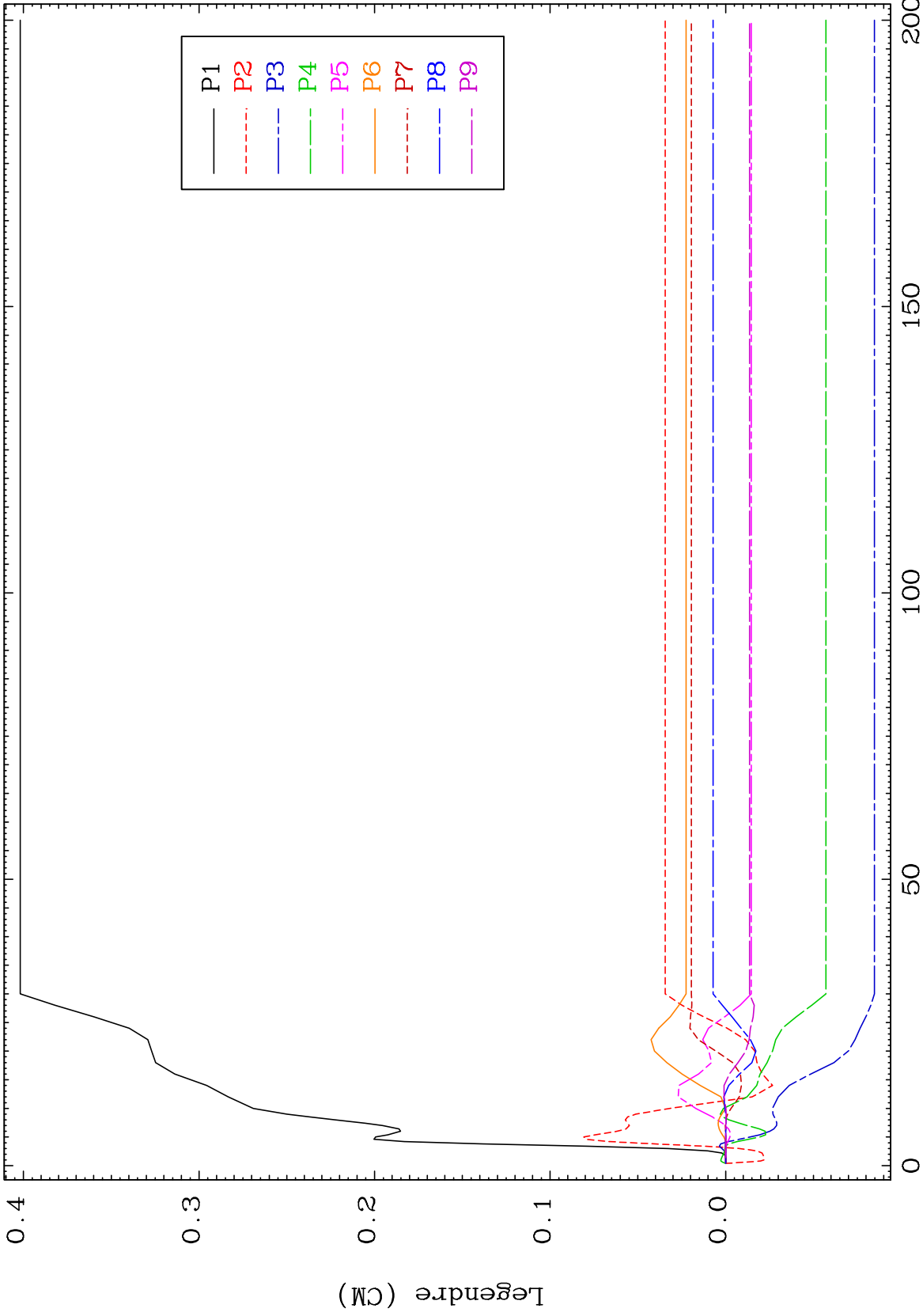
Incident Energy (MeV)

70

MAT 6704

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

67-Ho-158



71

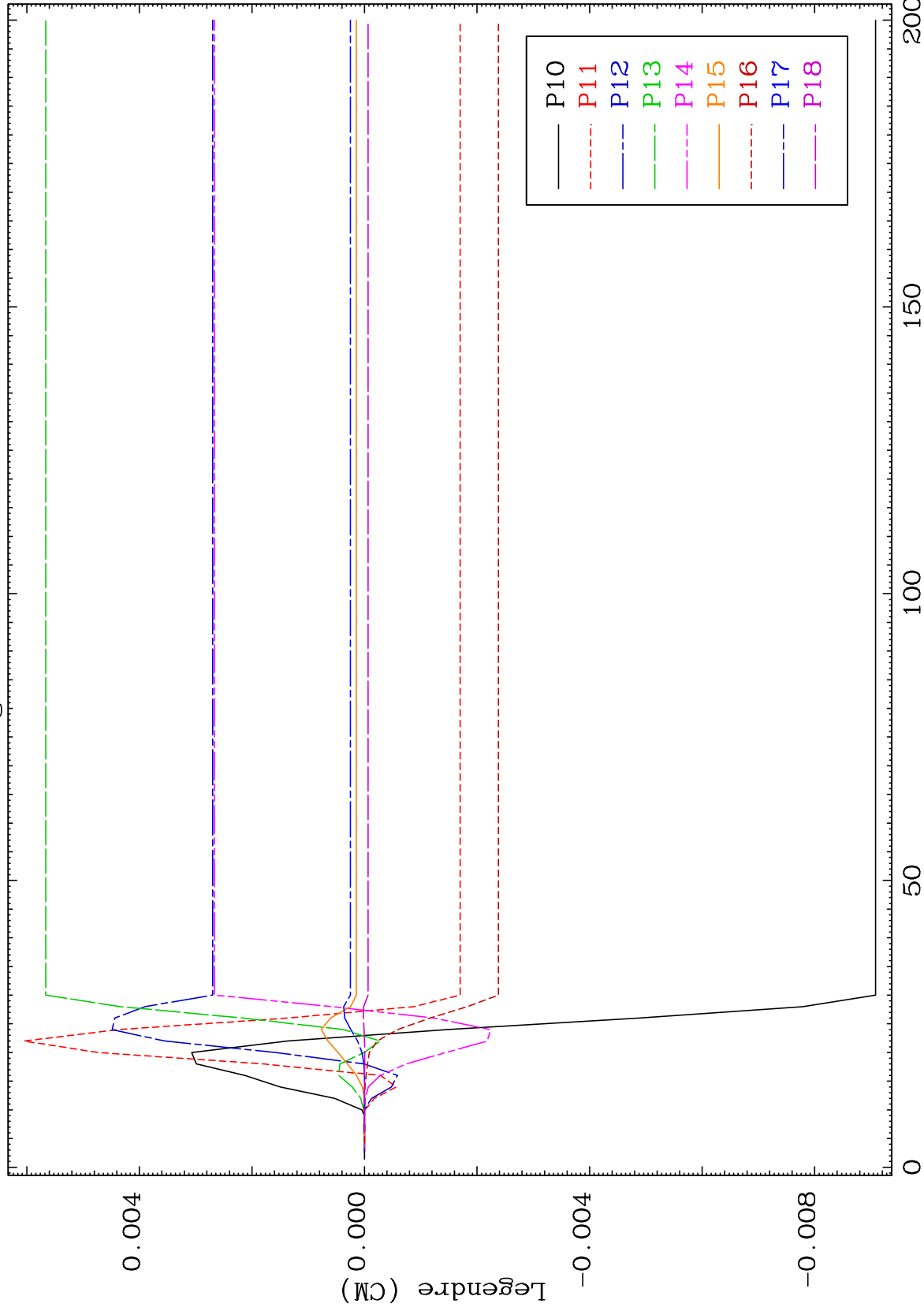
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



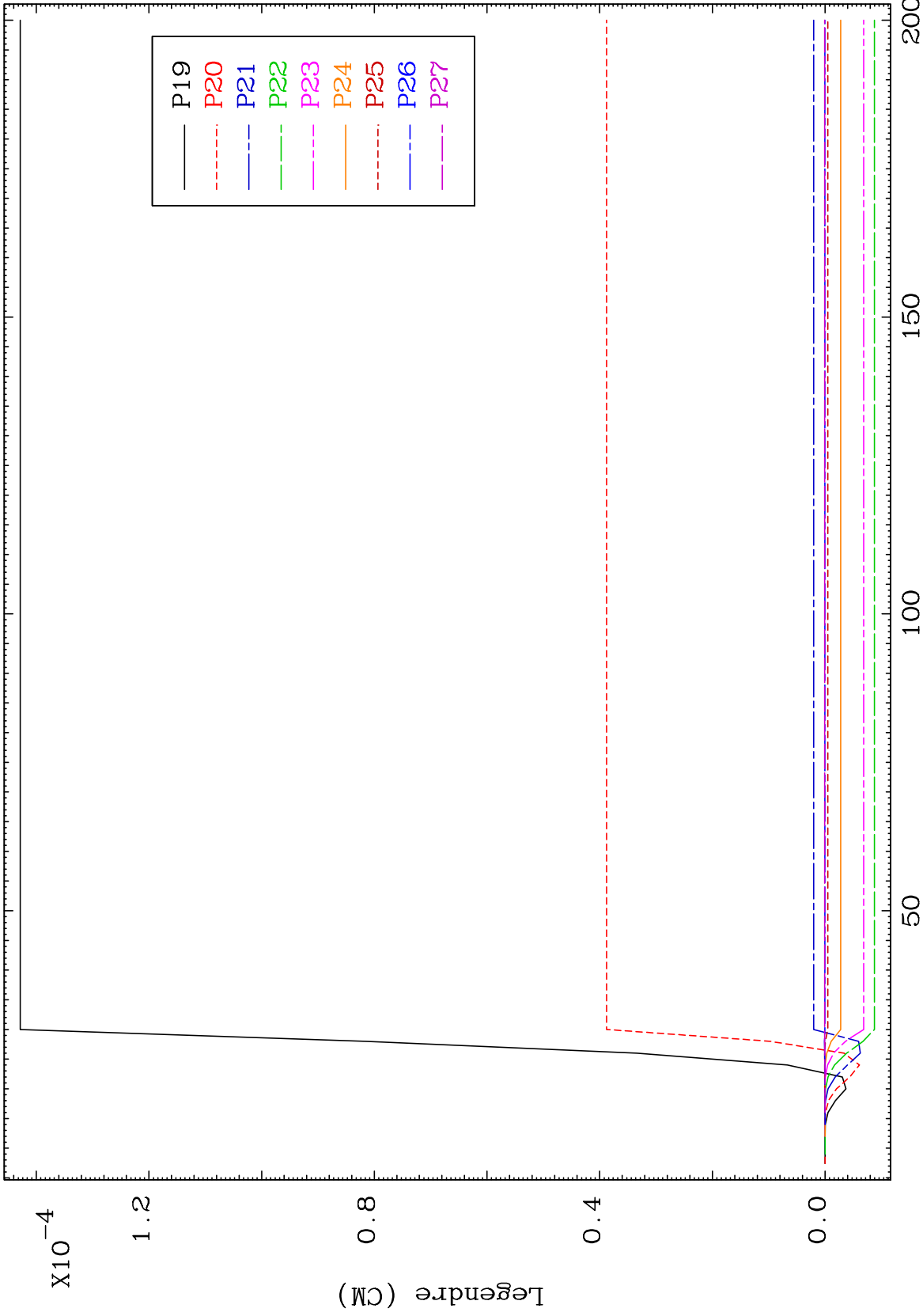
72

67-Ho-158

MAT 6704

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

67-Ho-158



73

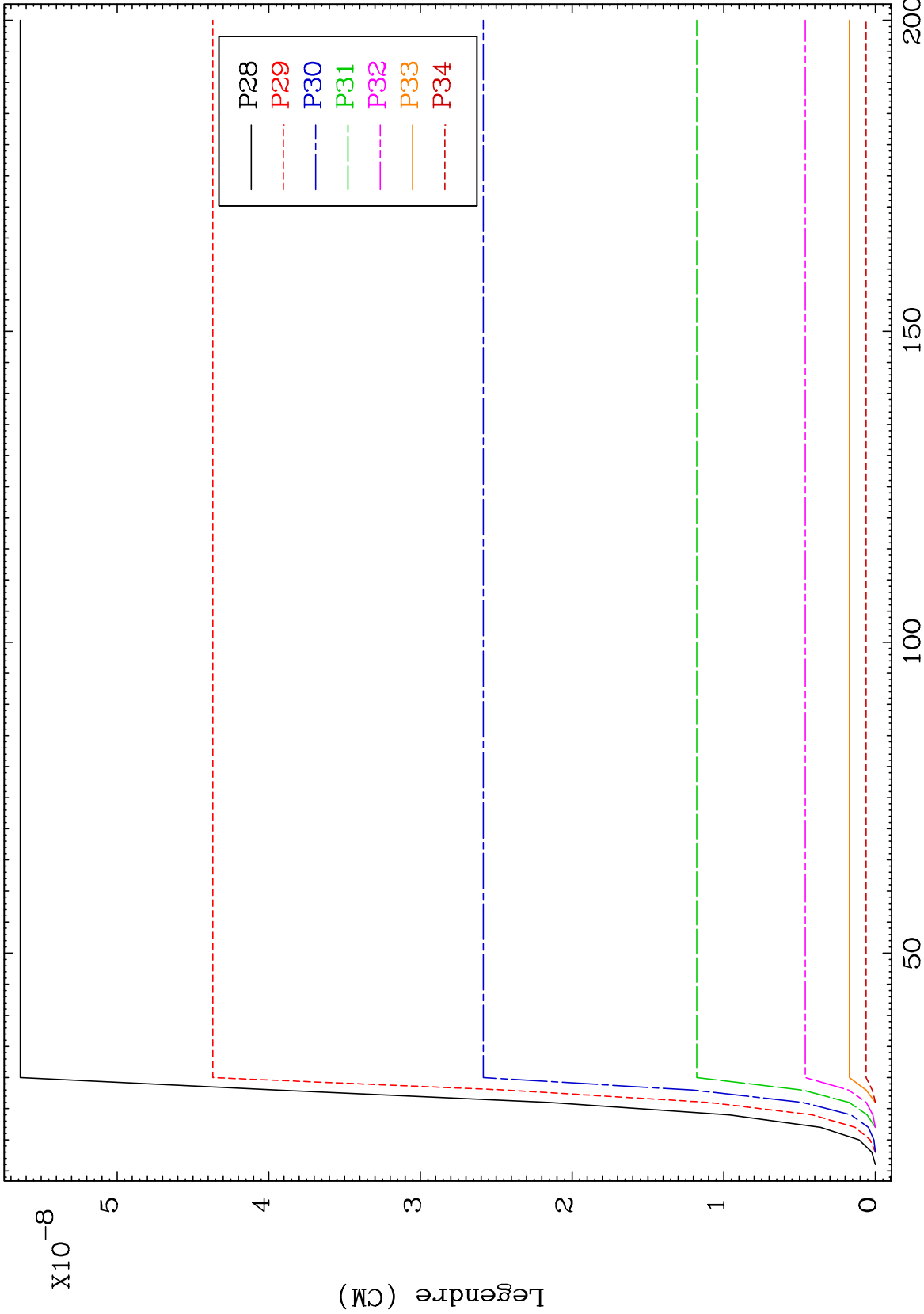
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



74

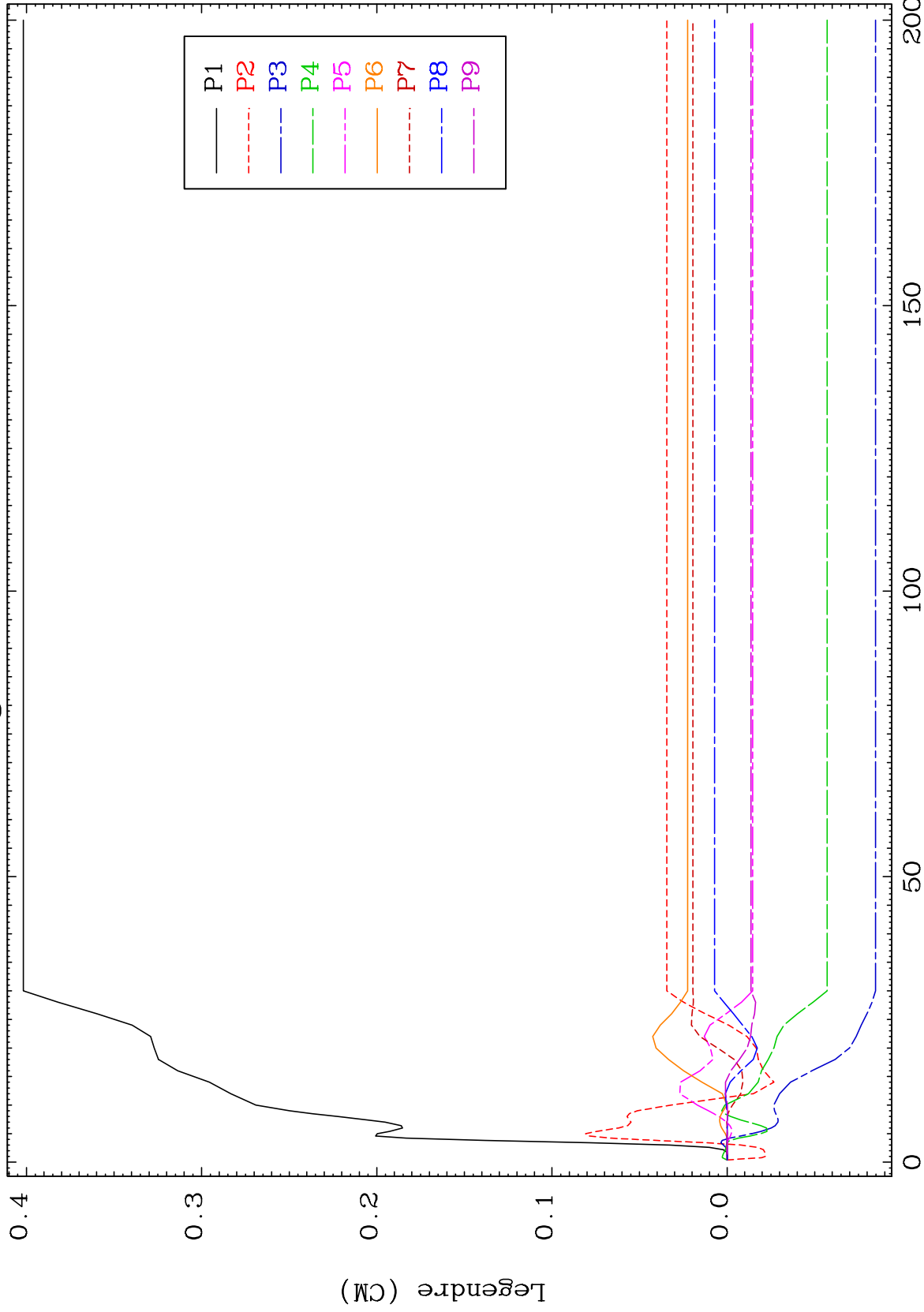
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



75

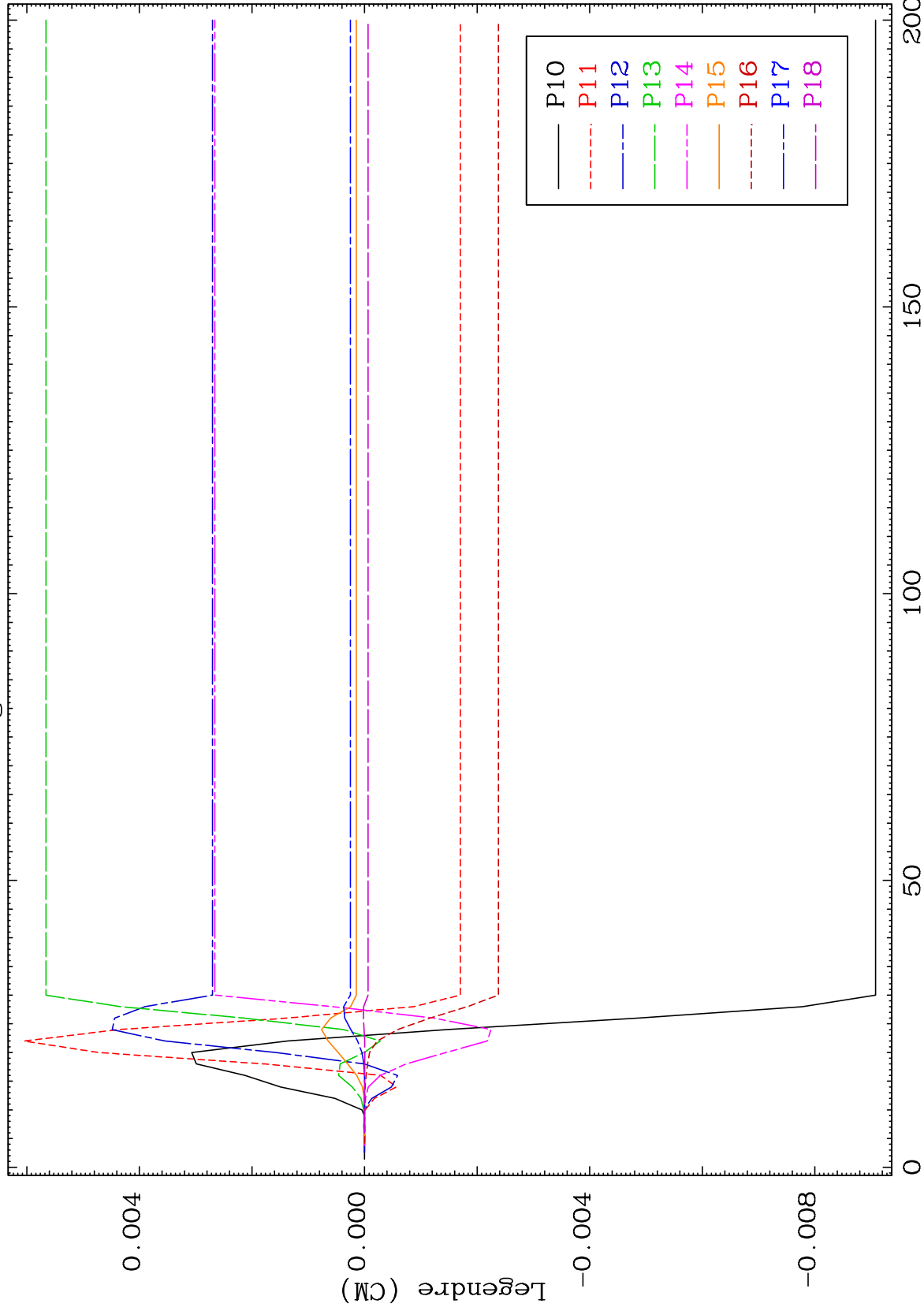
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



76

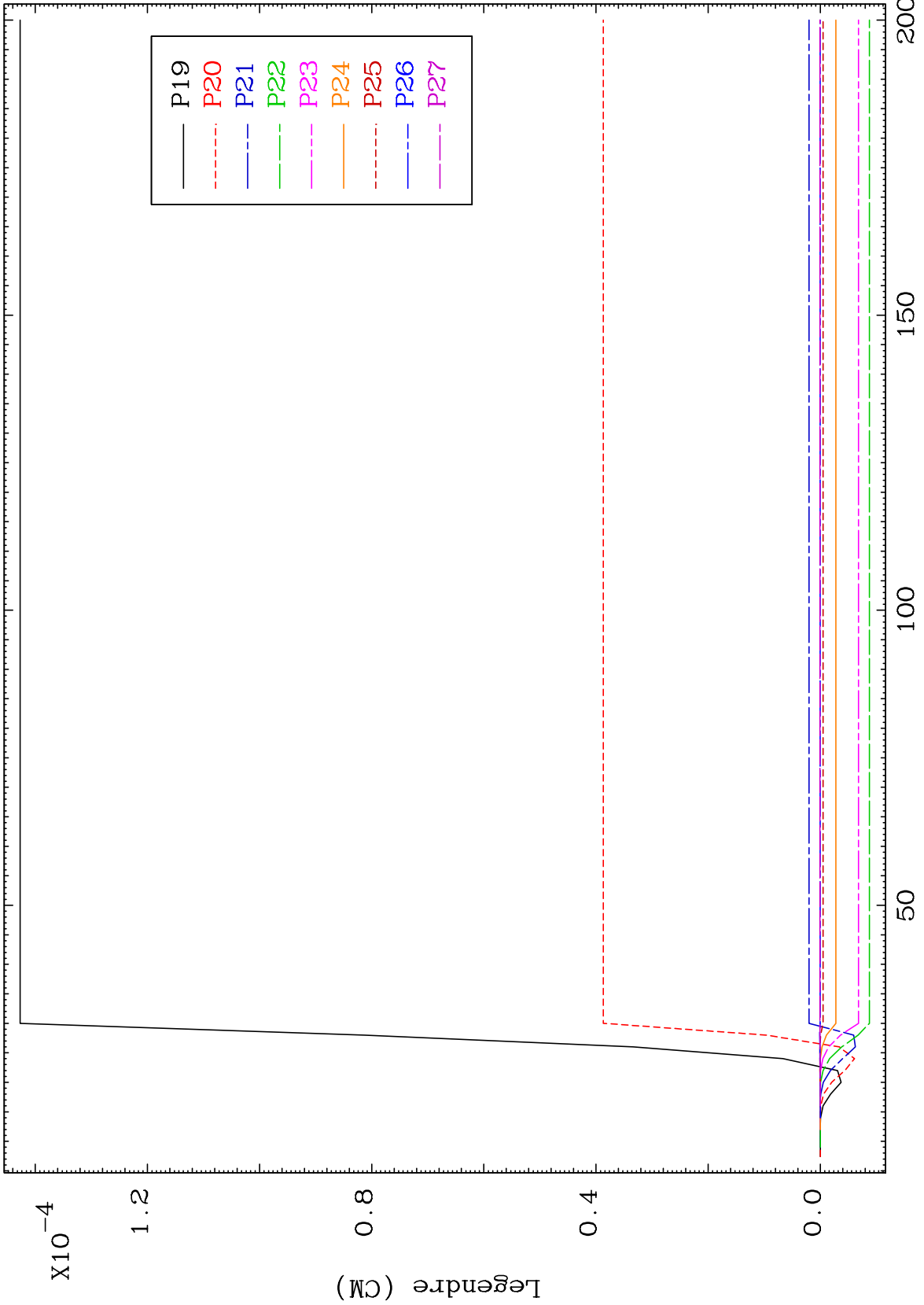
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



77

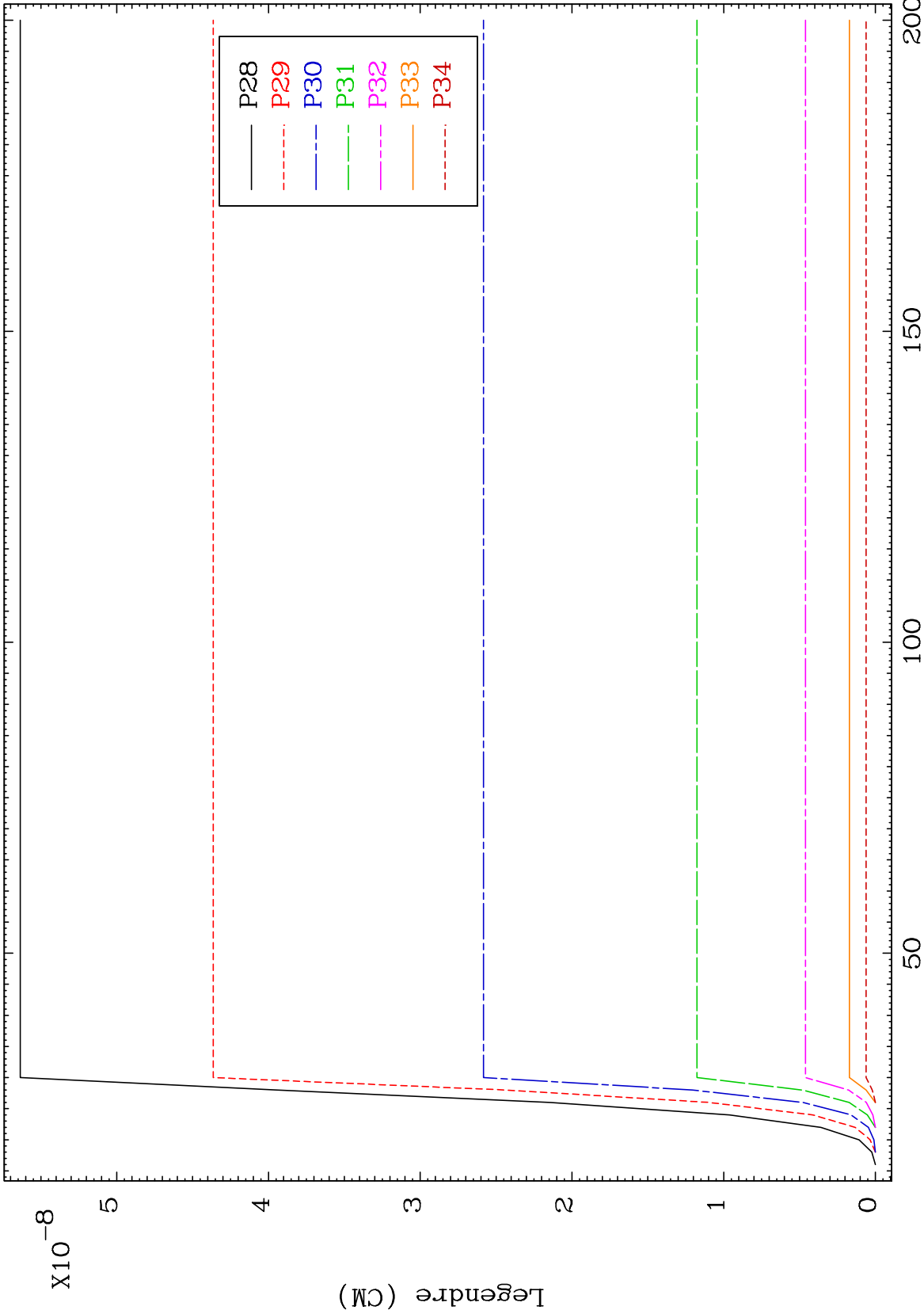
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



78

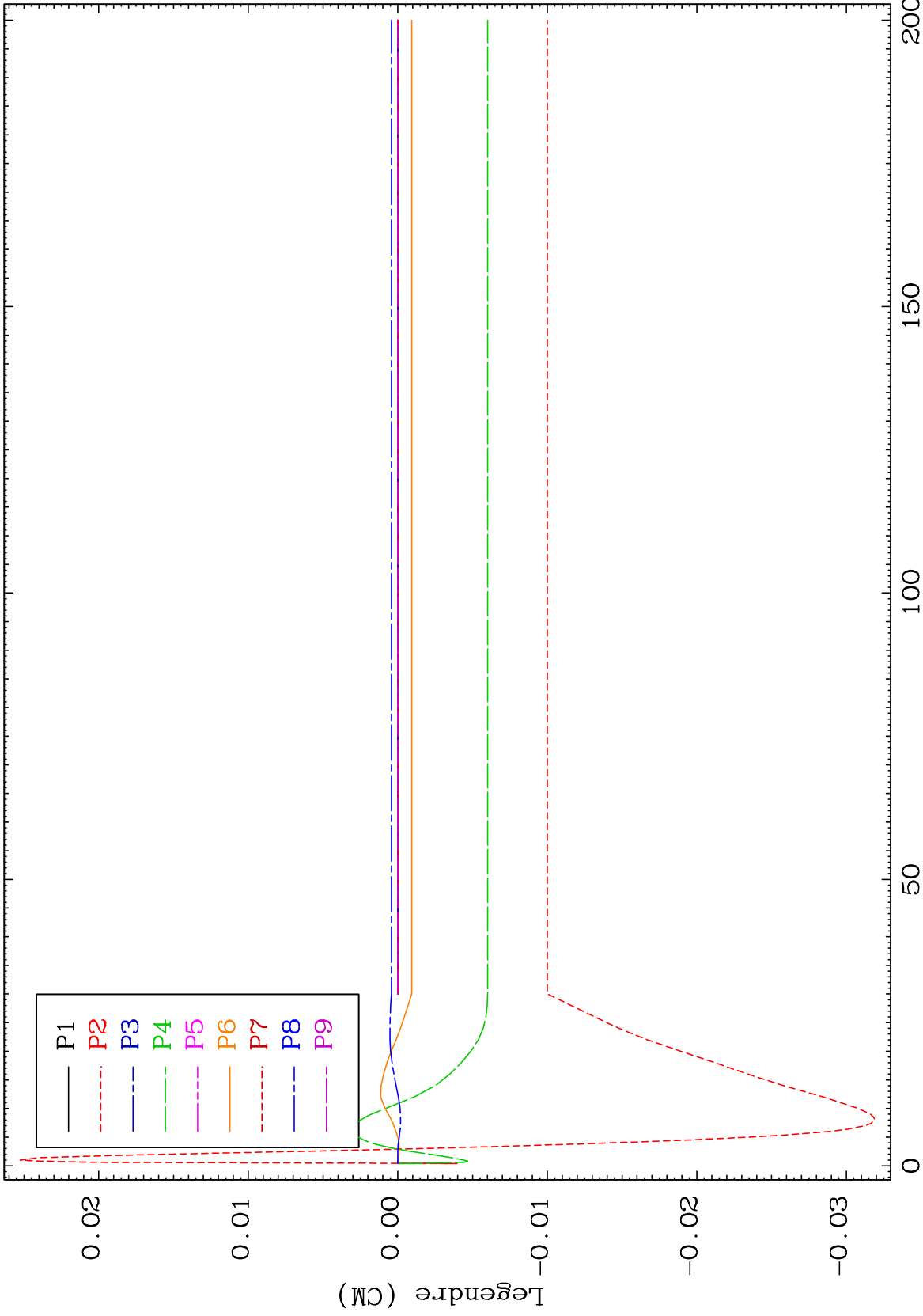
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



79

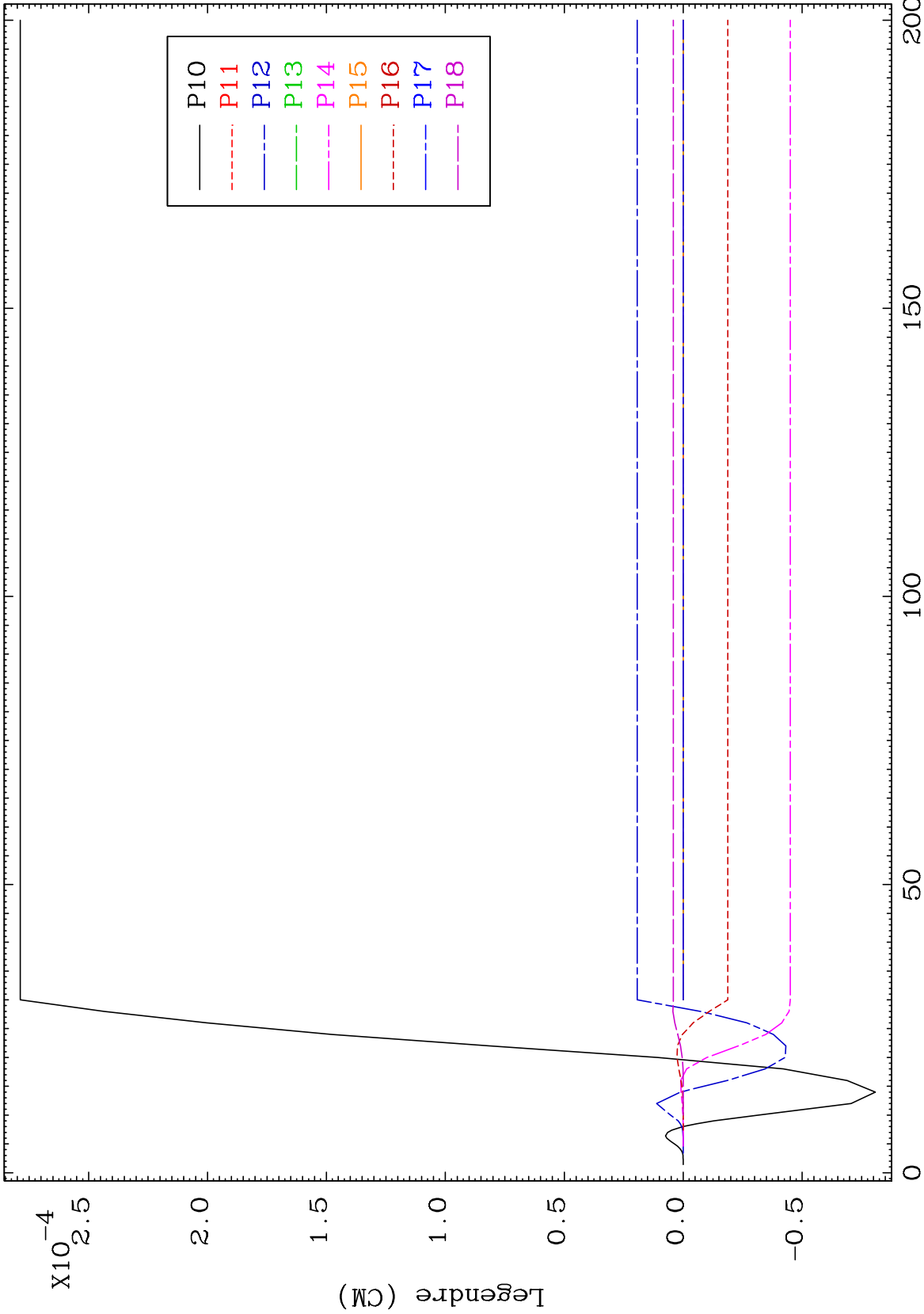
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



80

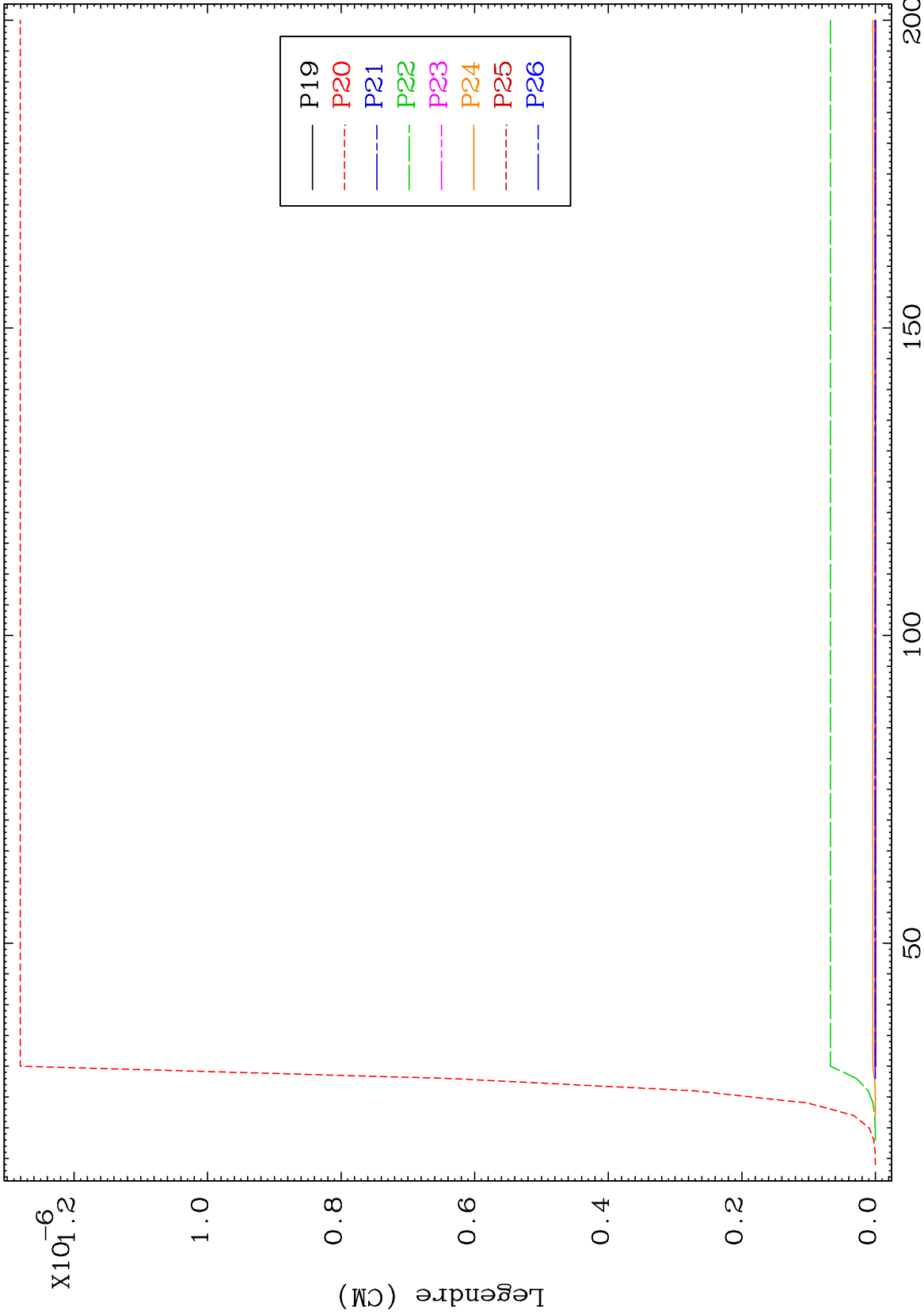
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



81

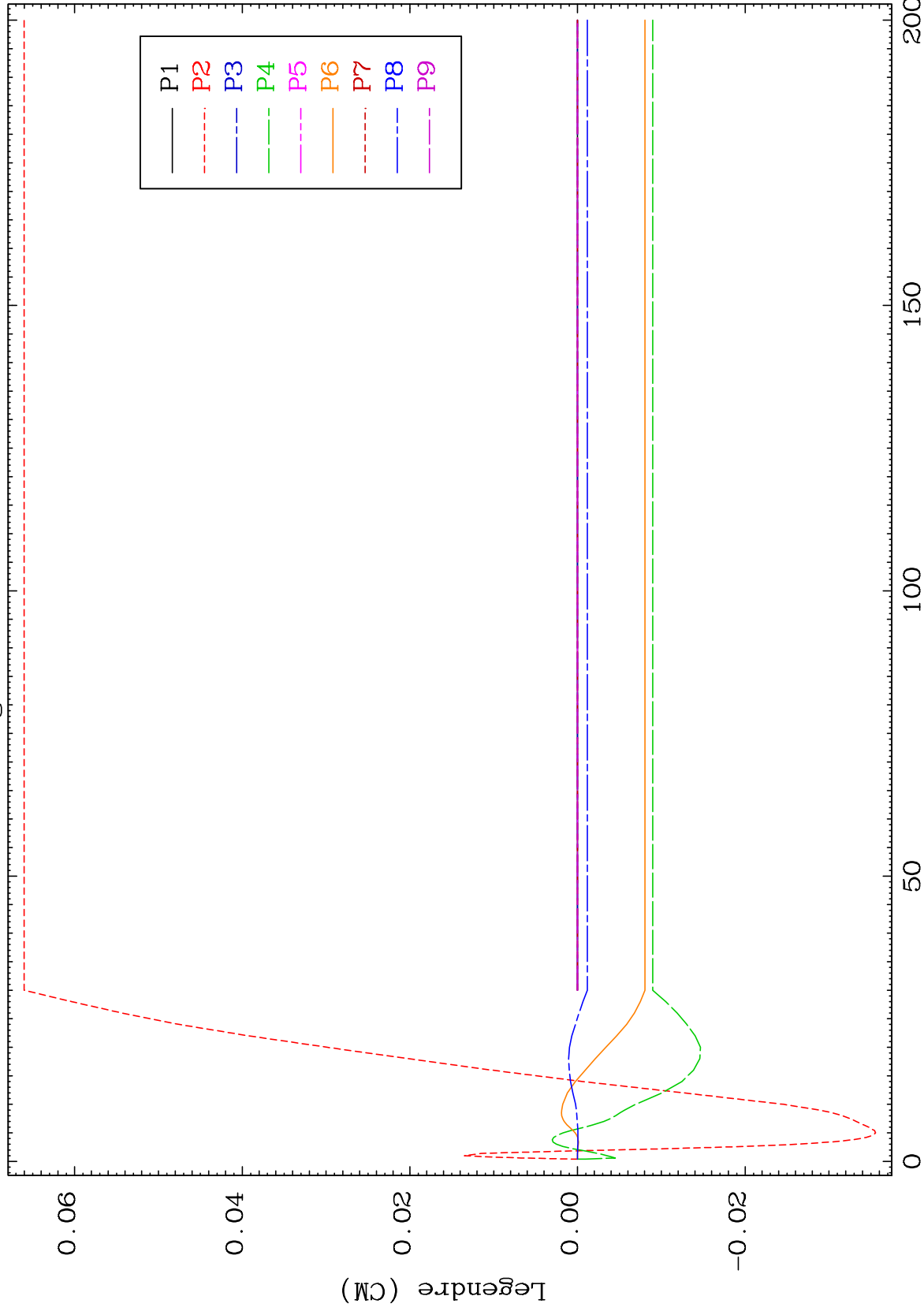
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



82

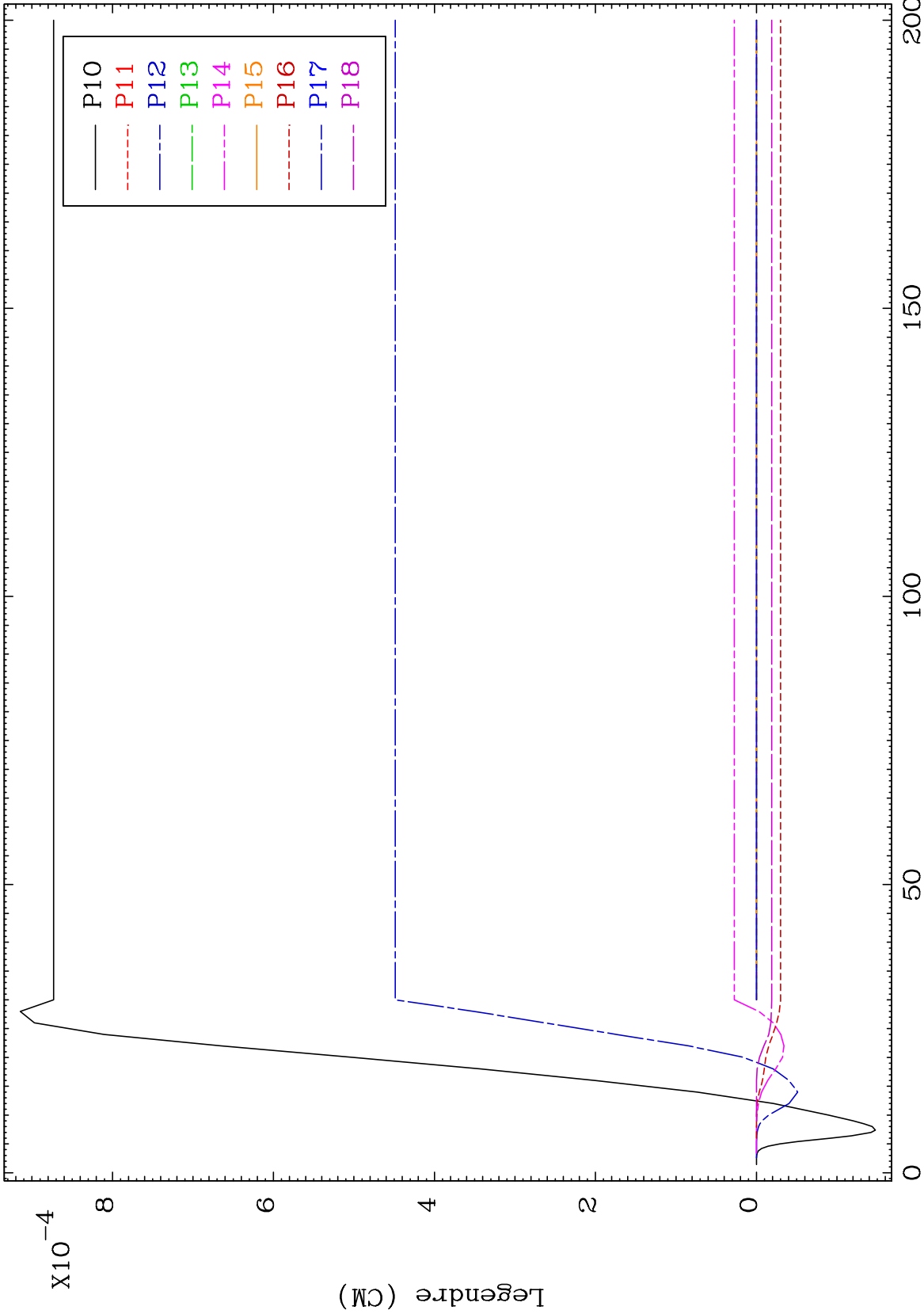
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



83

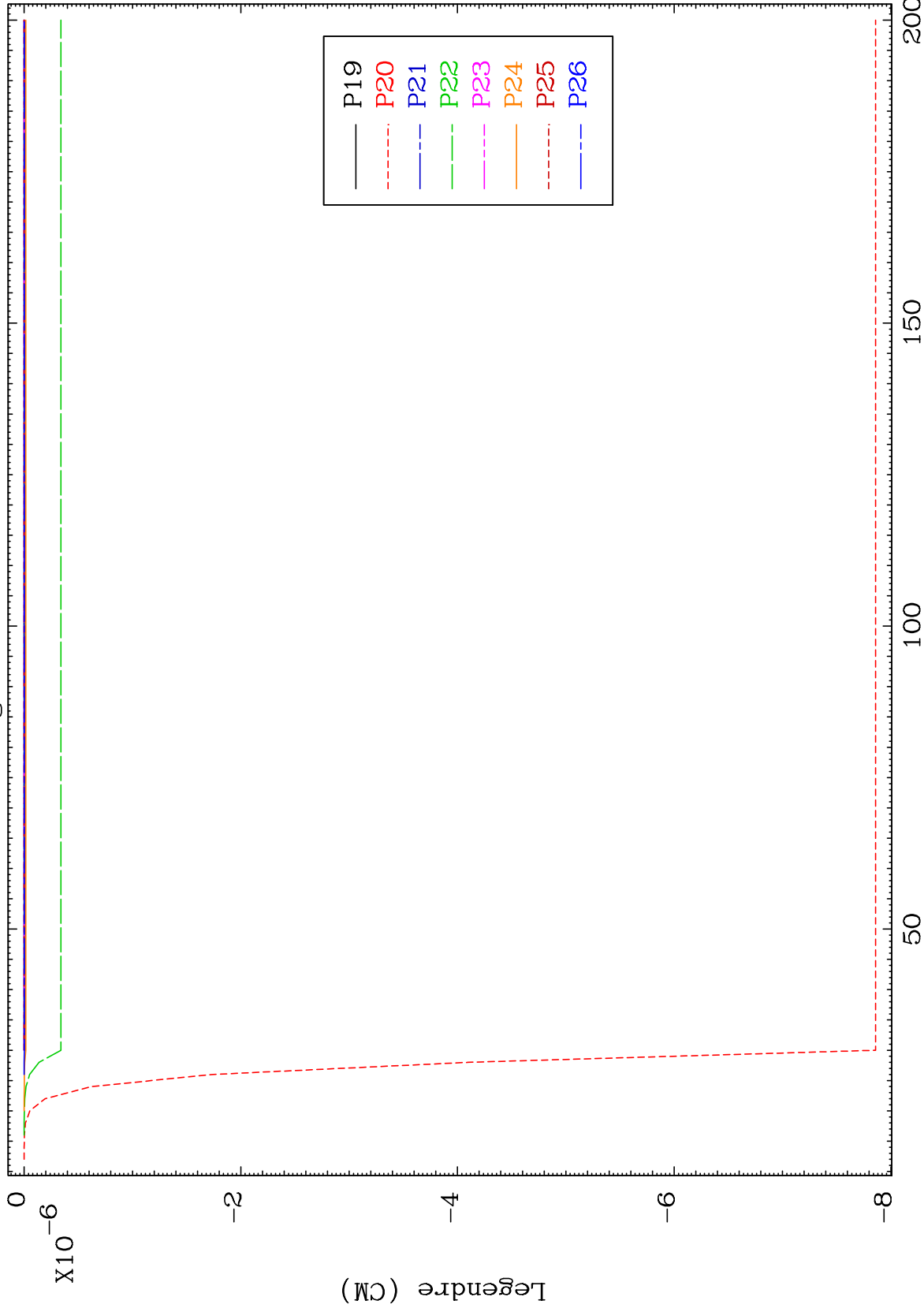
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



84

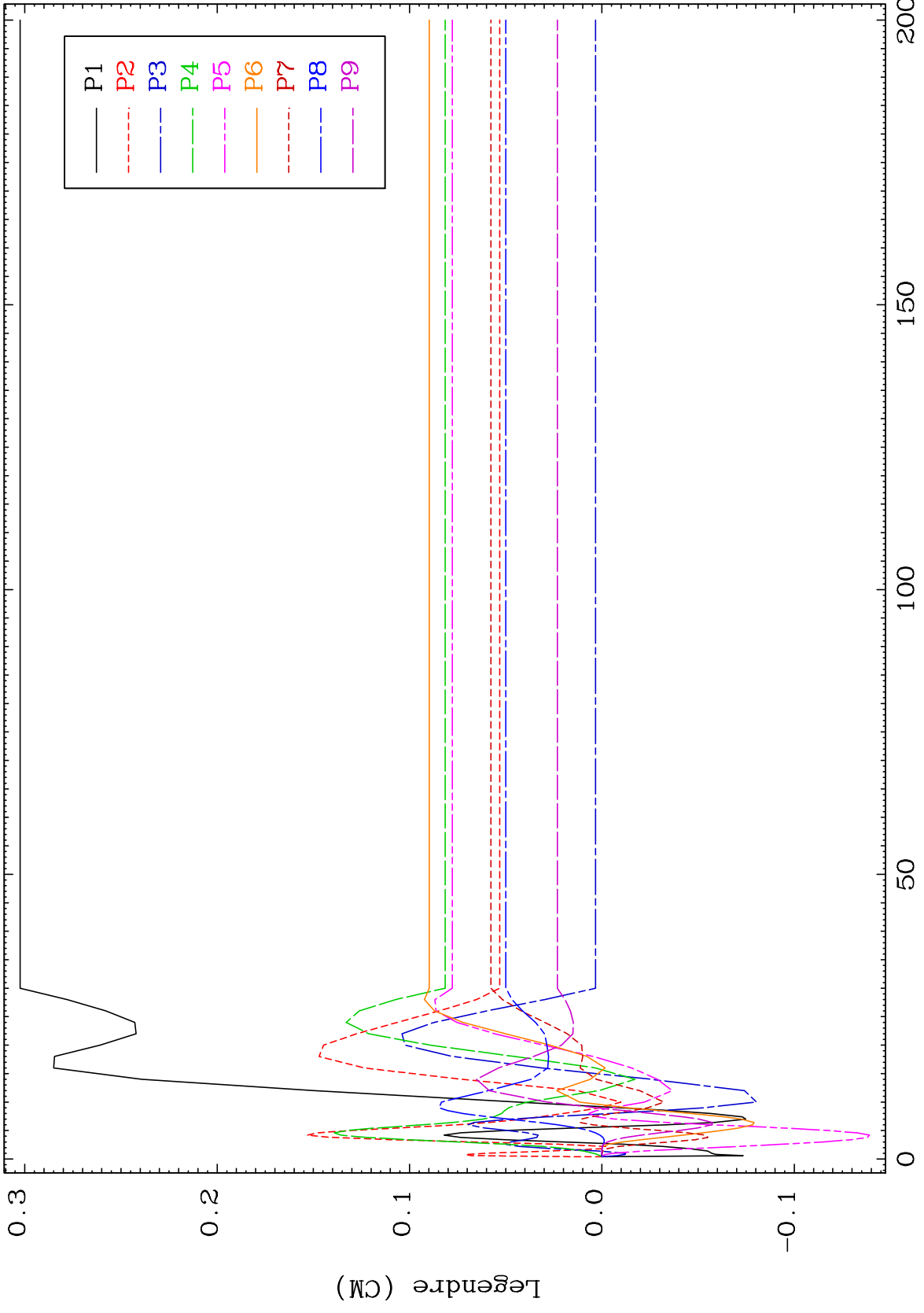
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



85

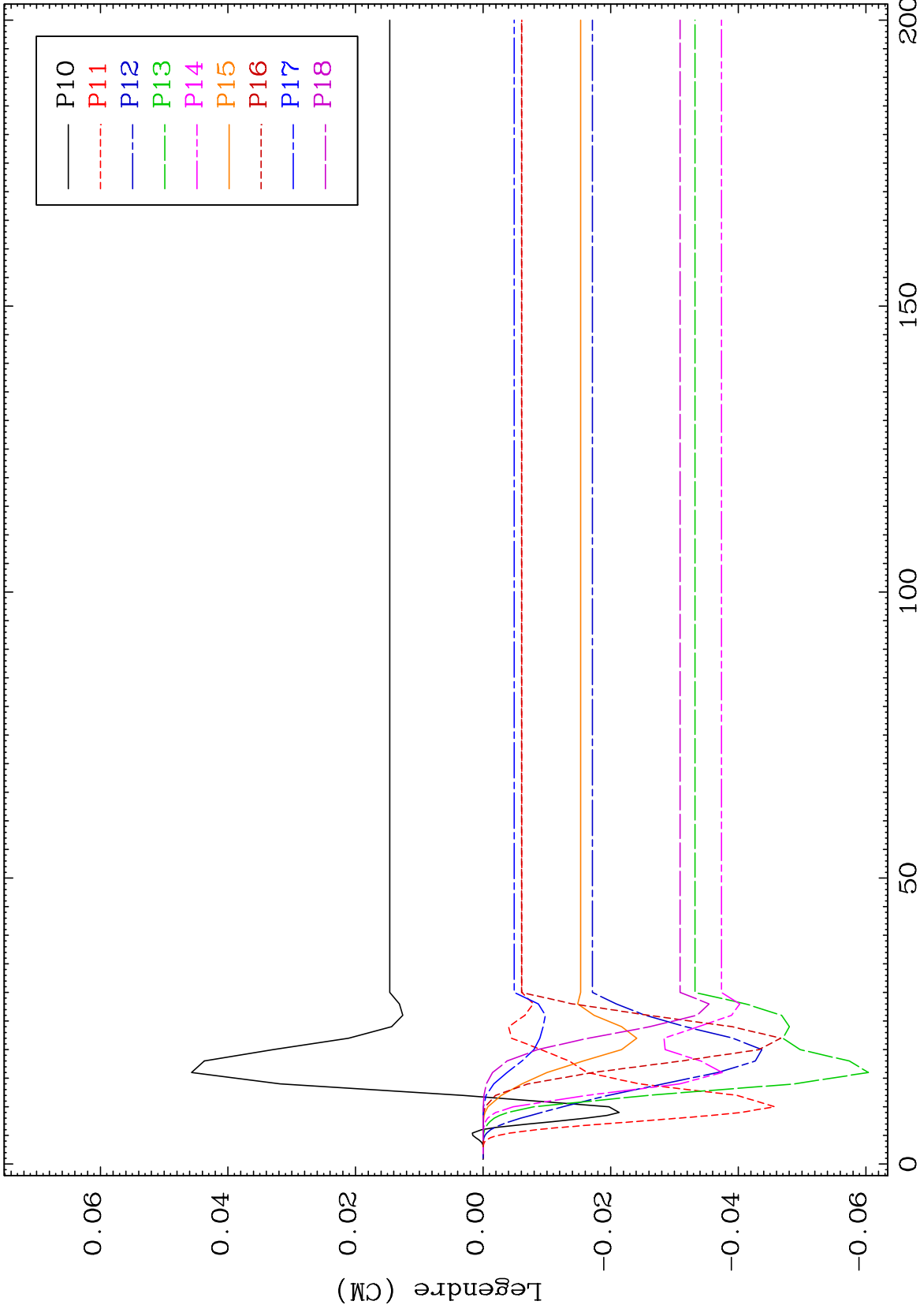
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



86

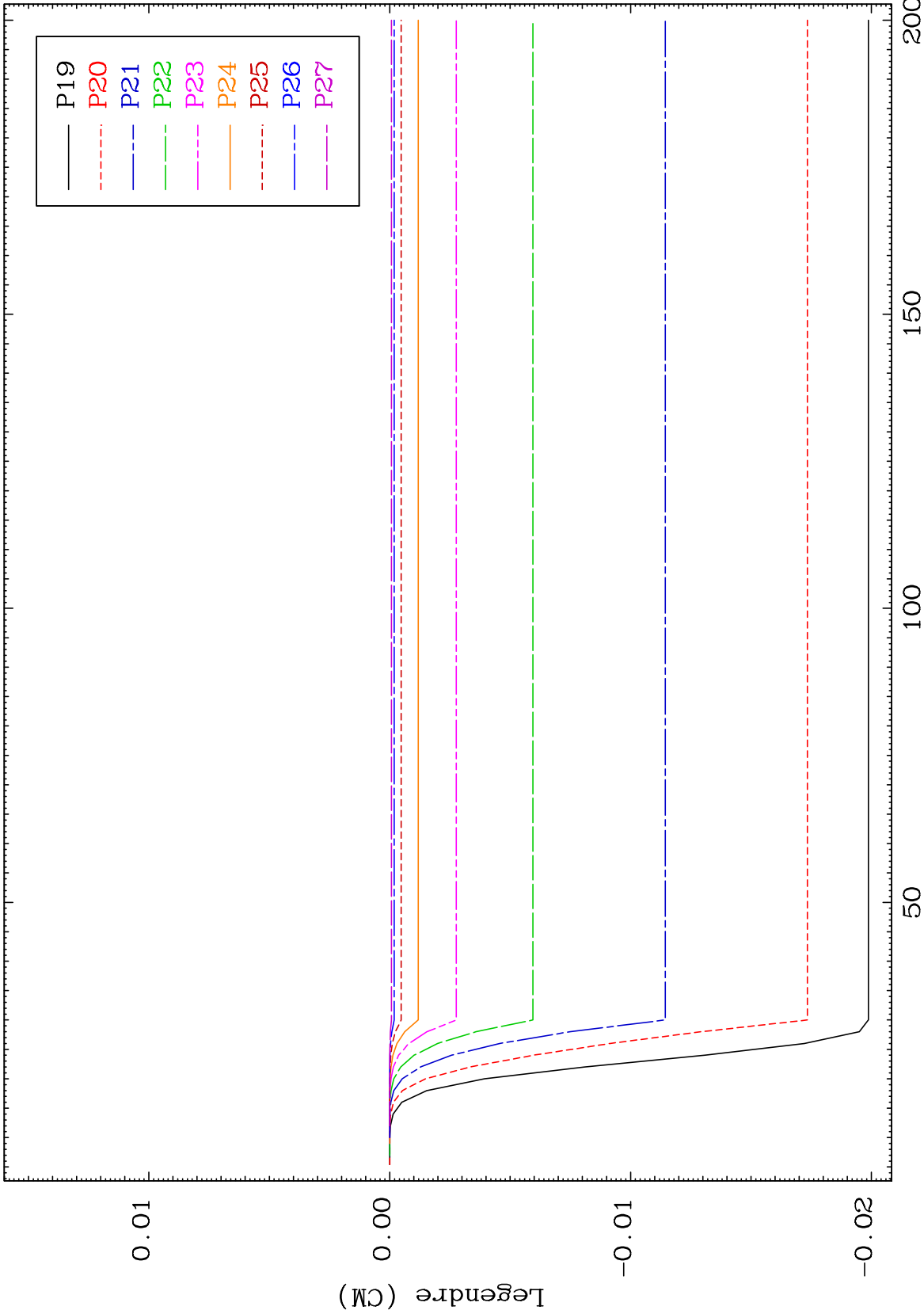
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



87

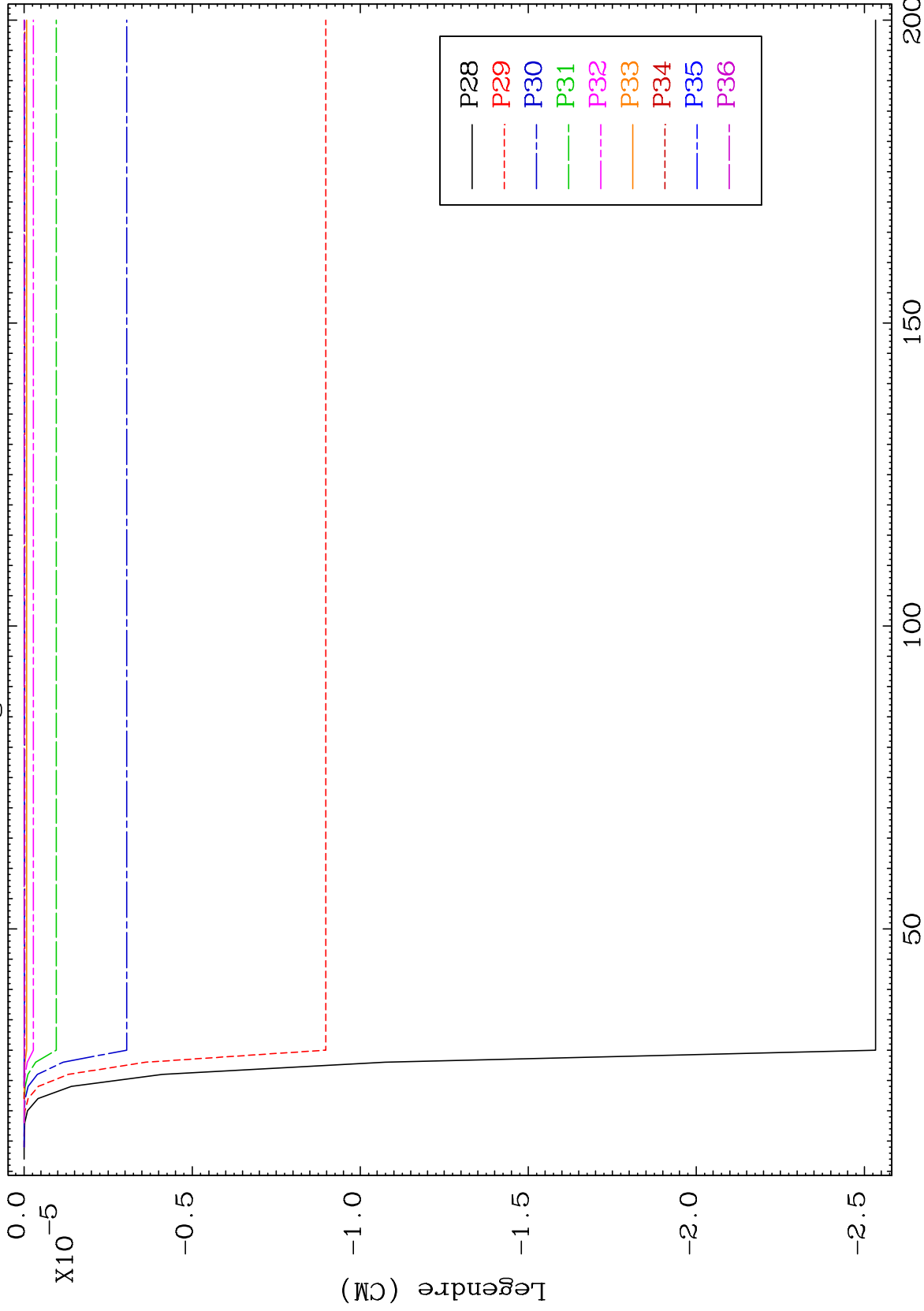
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



88

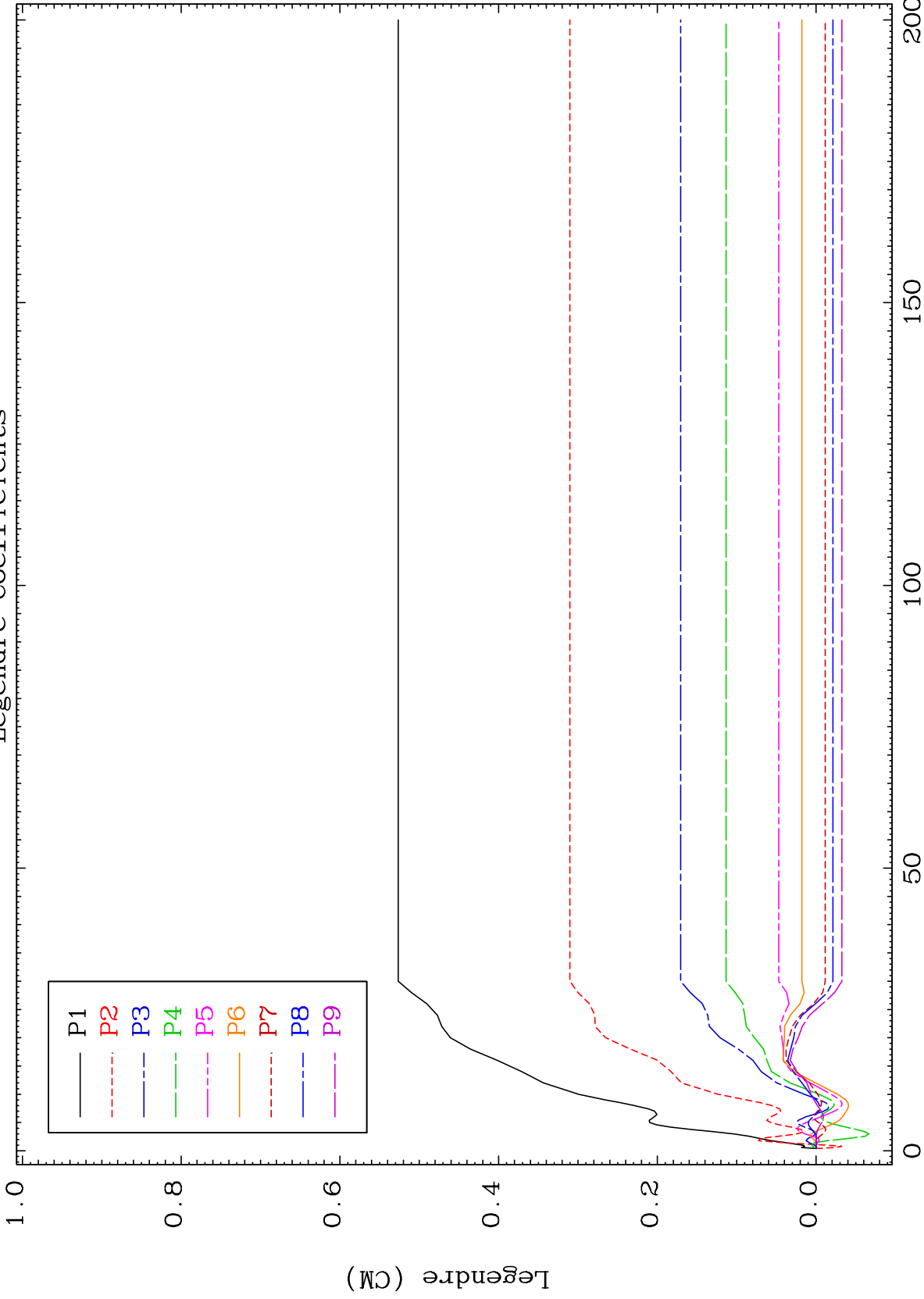
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

67-Ho-158



89

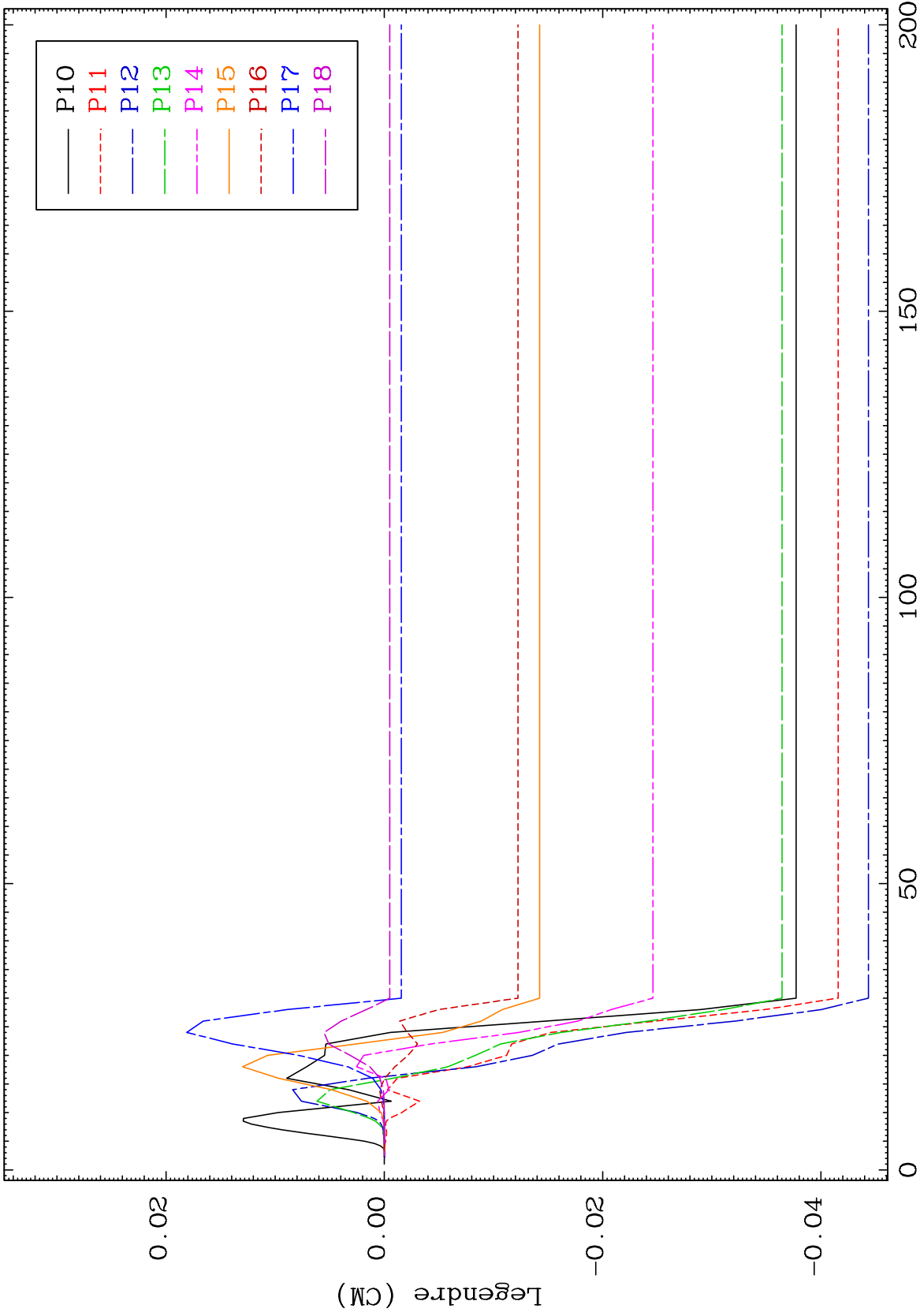
Incident Energy (MeV)

67-Ho-158

MAT 6704

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

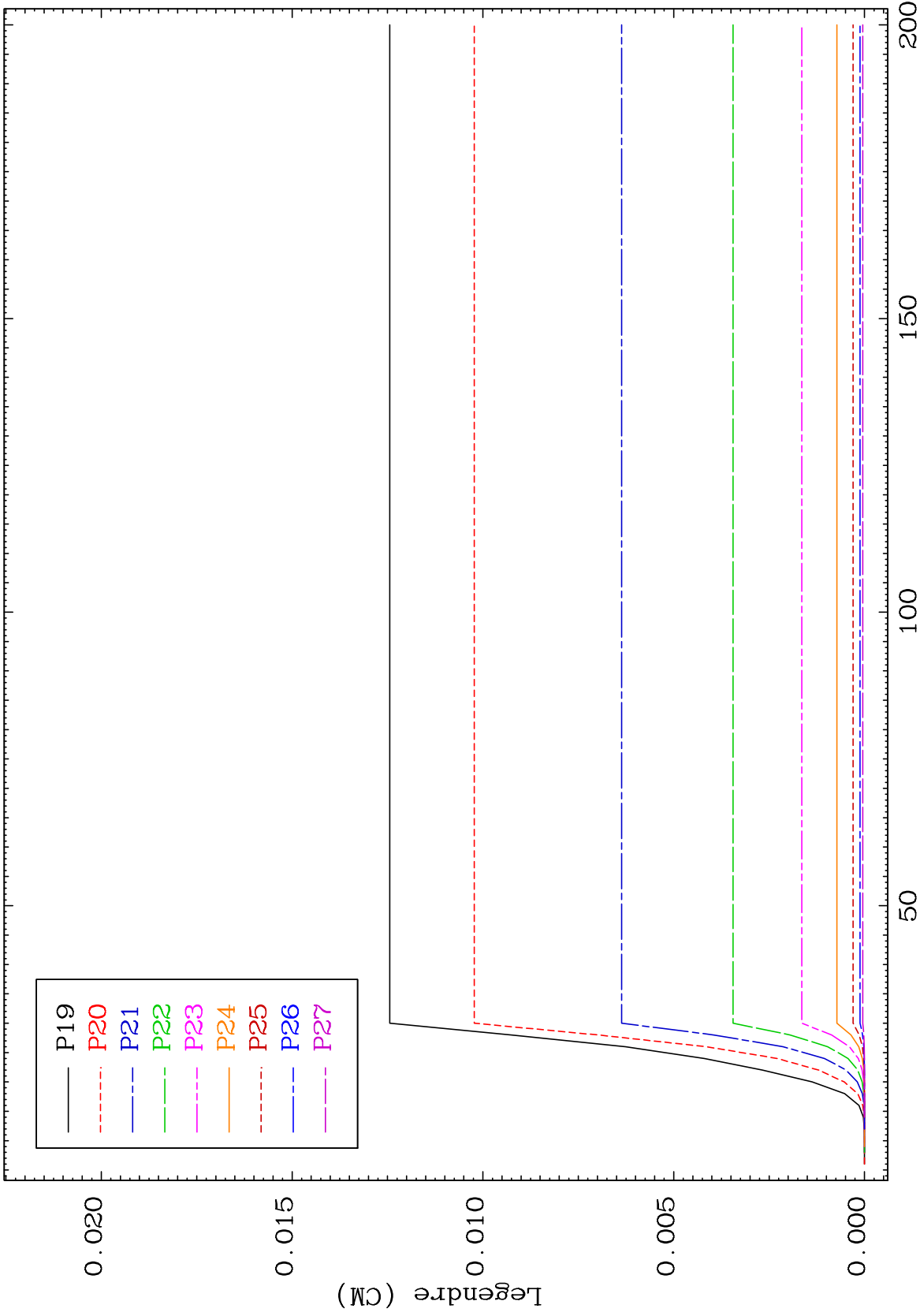
67-Ho-158



90

Incident Energy (MeV)

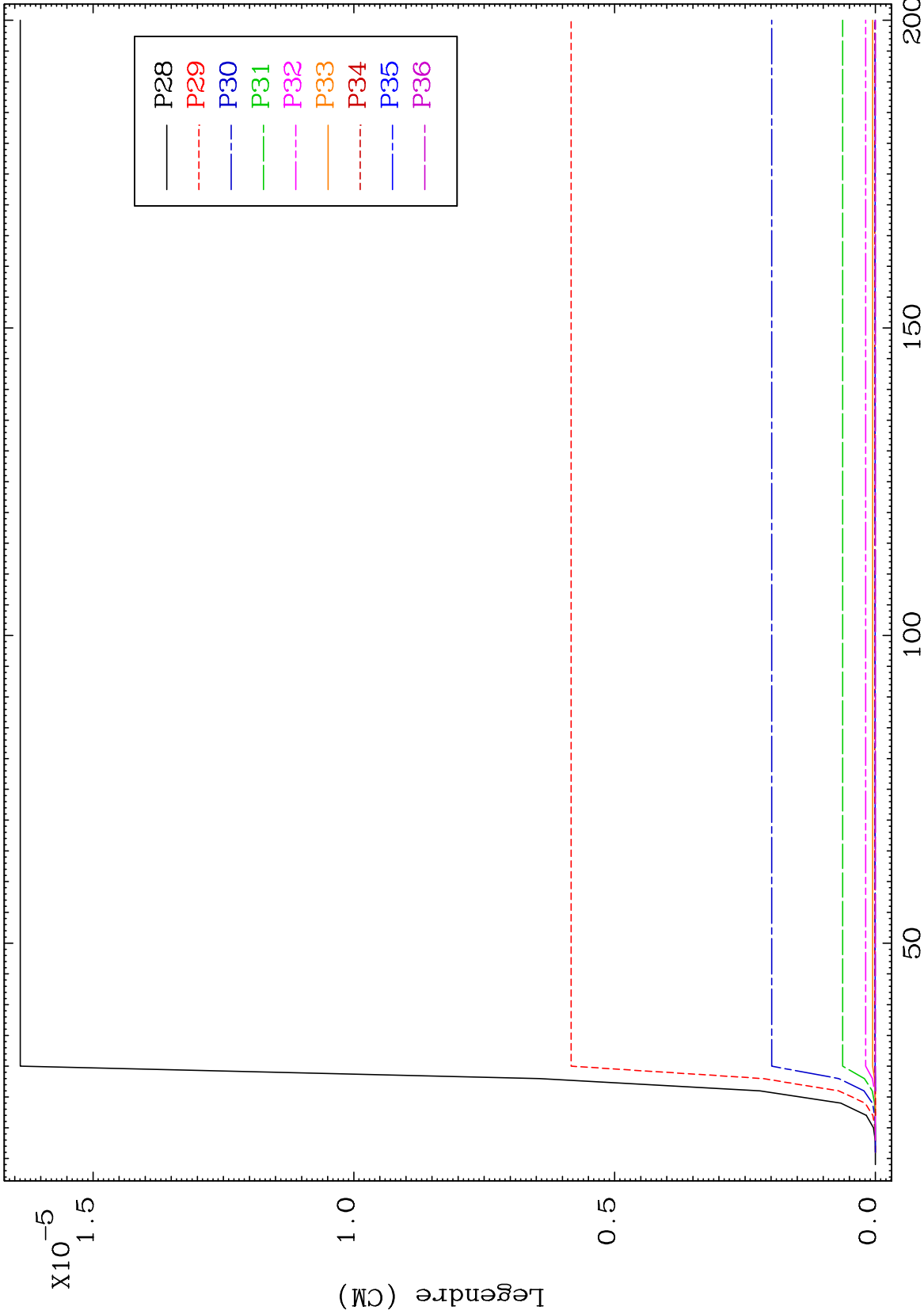
67-Ho-158



MAT 6704

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

67-Ho-158



92

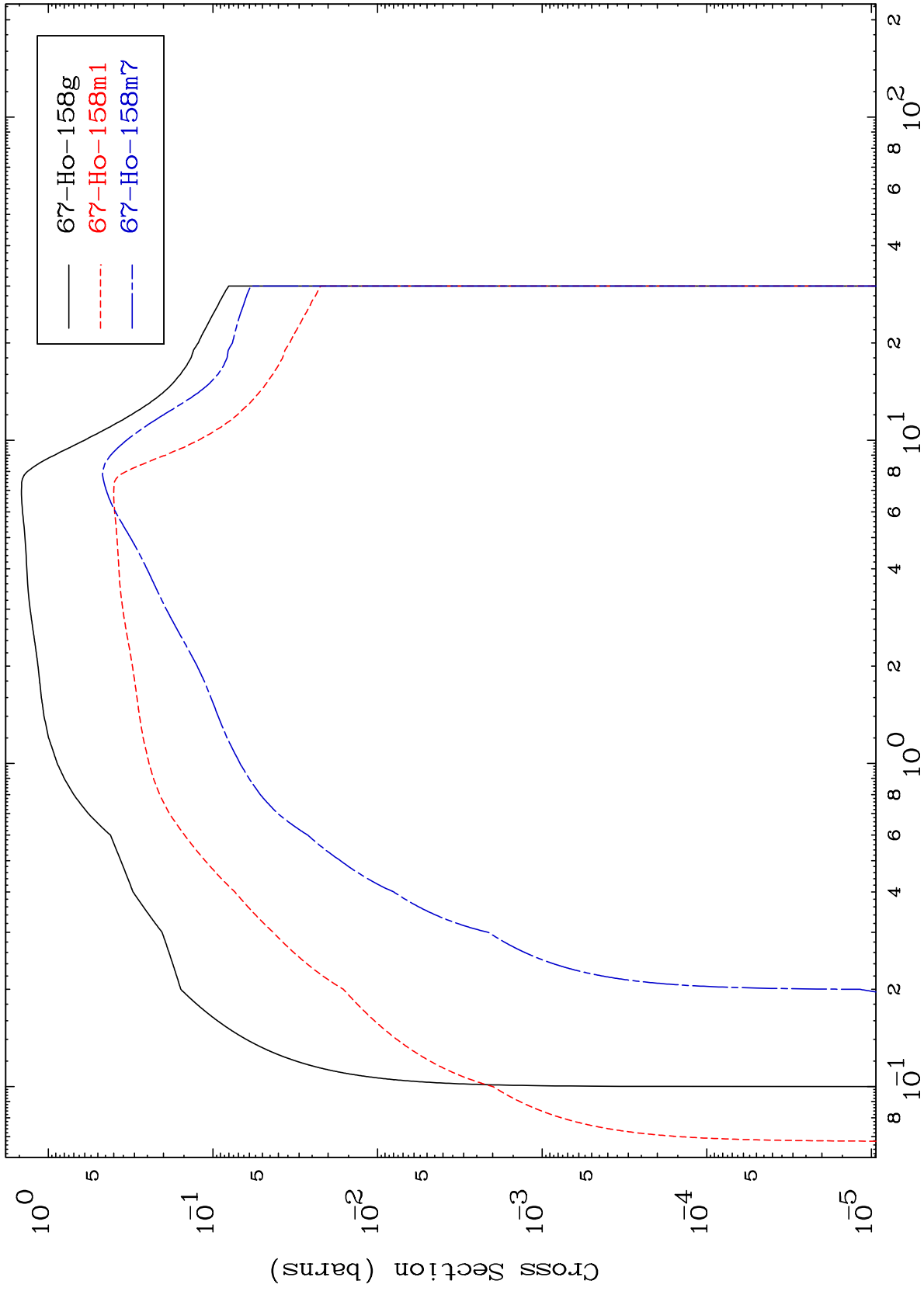
Incident Energy (MeV)

67-Ho-158

MAT 6704

Inelastic Radionuclide Production Cross Section

67-Ho-158



93

Incident Energy (MeV)

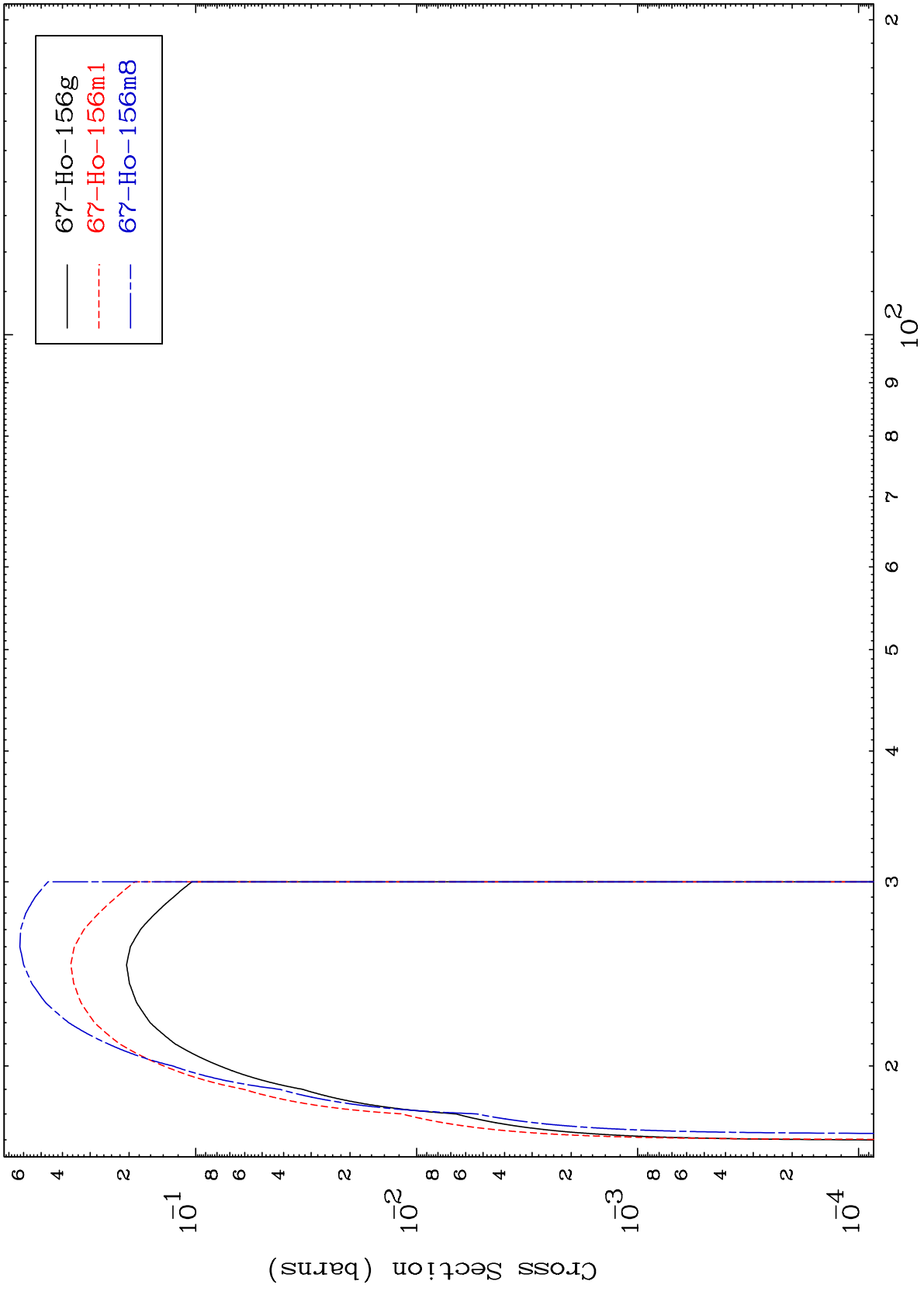
67-Ho-158

MAT 6704

(n,3n)

67-Ho-158

Radionuclide Production Cross Section



94

Incident Energy (MeV)

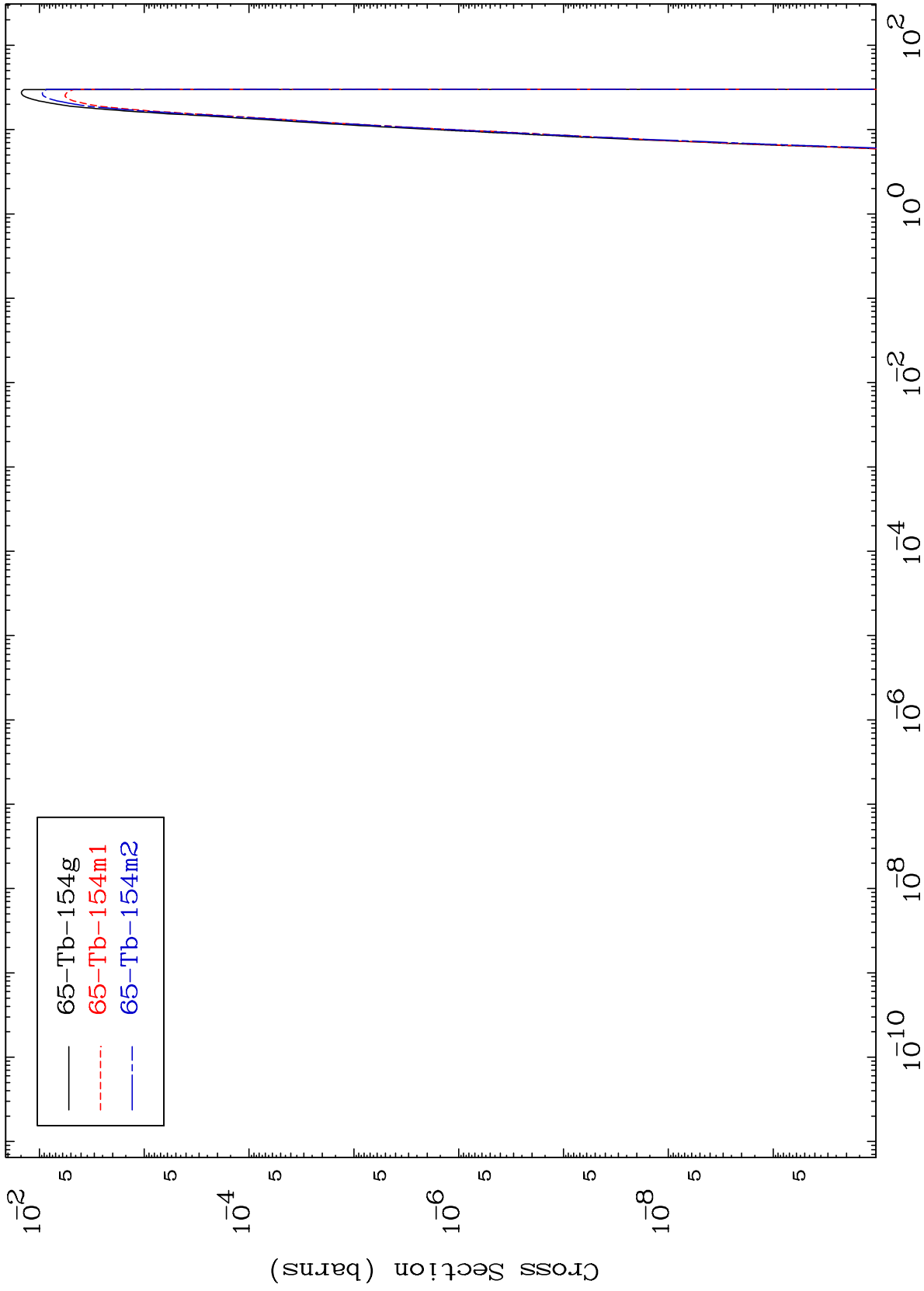
67-Ho-158

MAT 6704

(n,n') α

67-Ho-158

Radionuclide Production Cross Section



65-Tb-154g
65-Tb-154m1
65-Tb-154m2

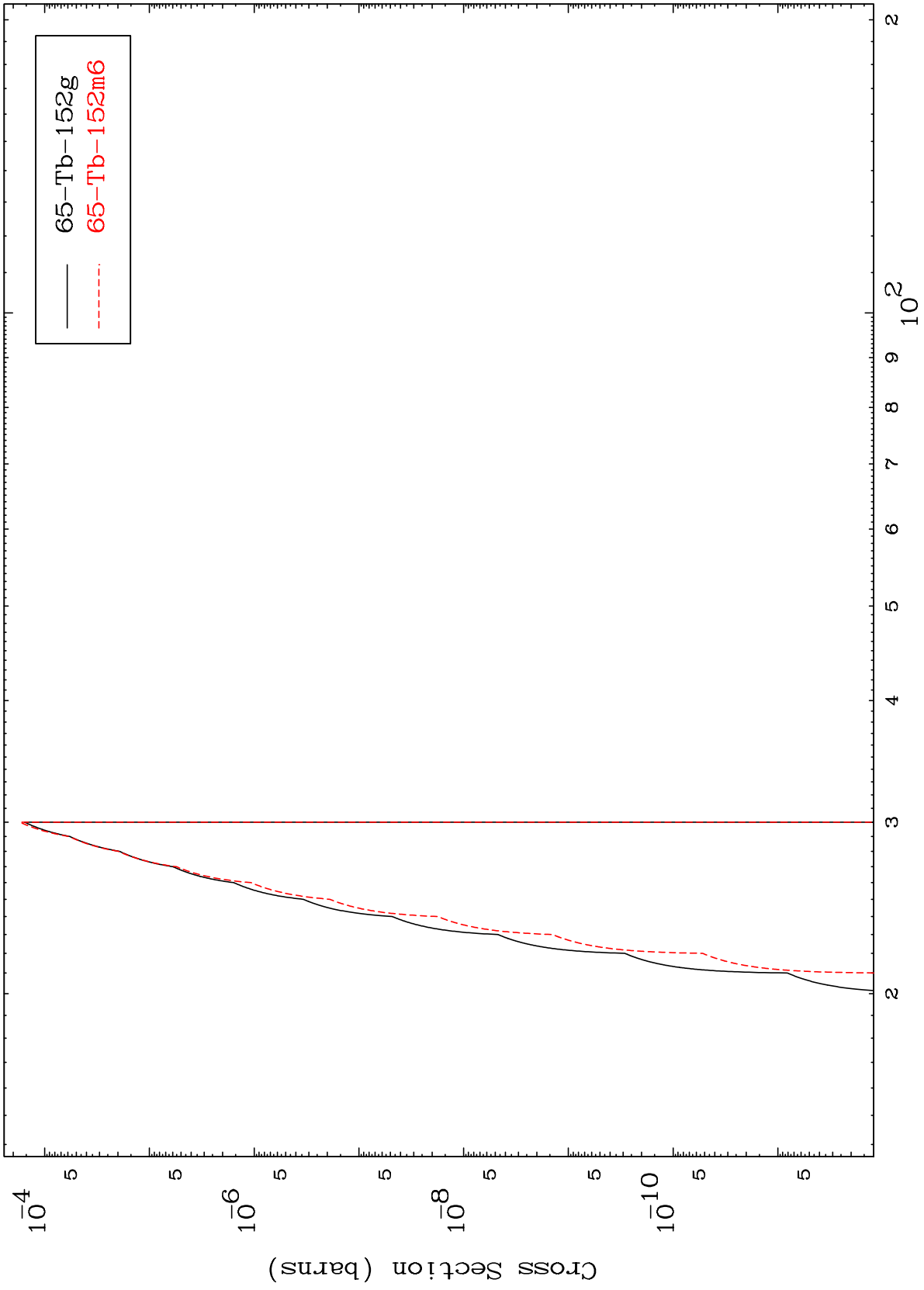
95

MAT 6704

(n,3n) α

67-Ho-158

Radionuclide Production Cross Section



96

Incident Energy (MeV)

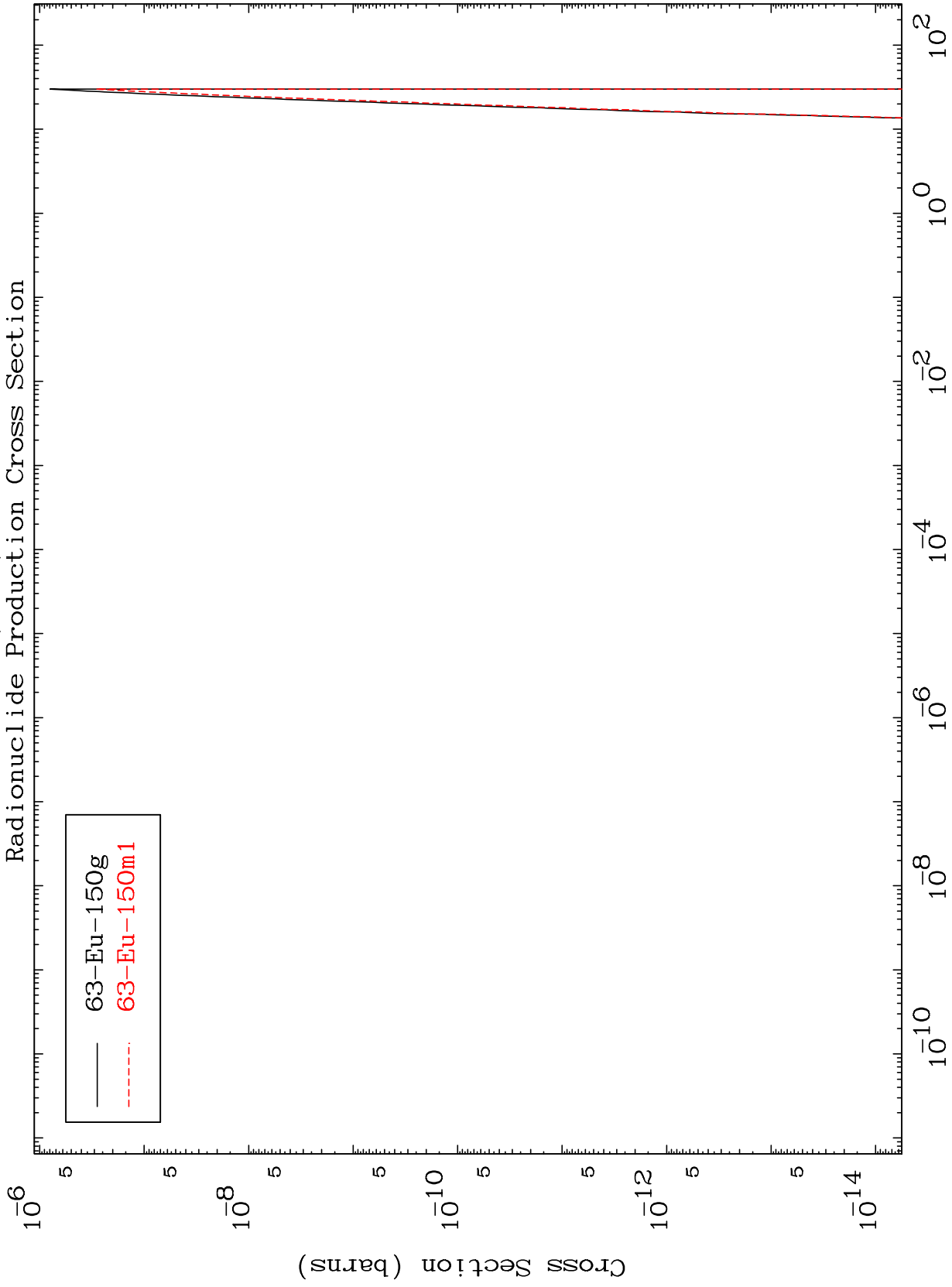
67-Ho-158

MAT 6704

(n,n') 2 α

67-Ho-158

Radionuclide Production Cross Section



97

Incident Energy (MeV)

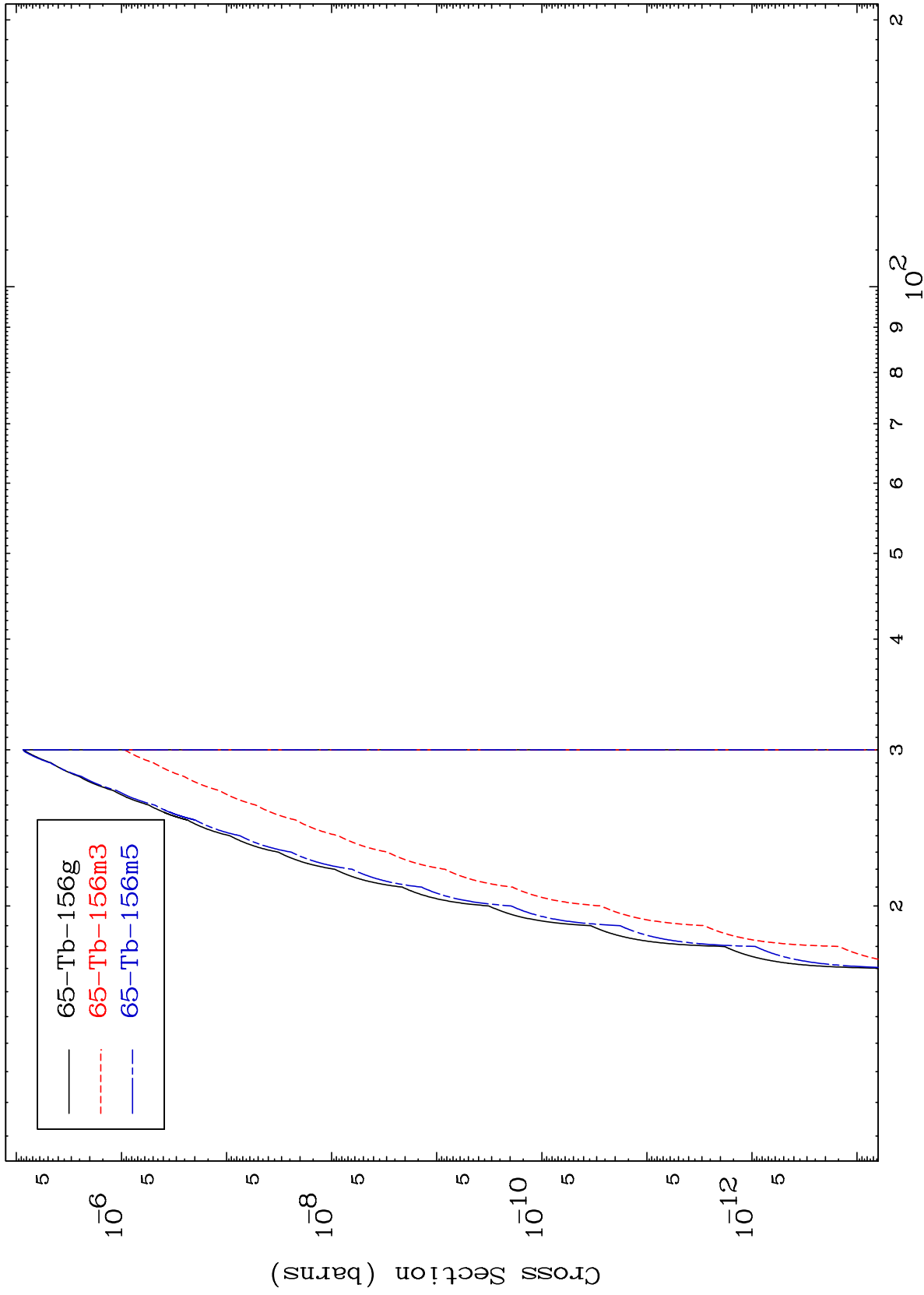
67-Ho-158

MAT 6704

(n,2n) p

67-Ho-158

Radionuclide Production Cross Section



98

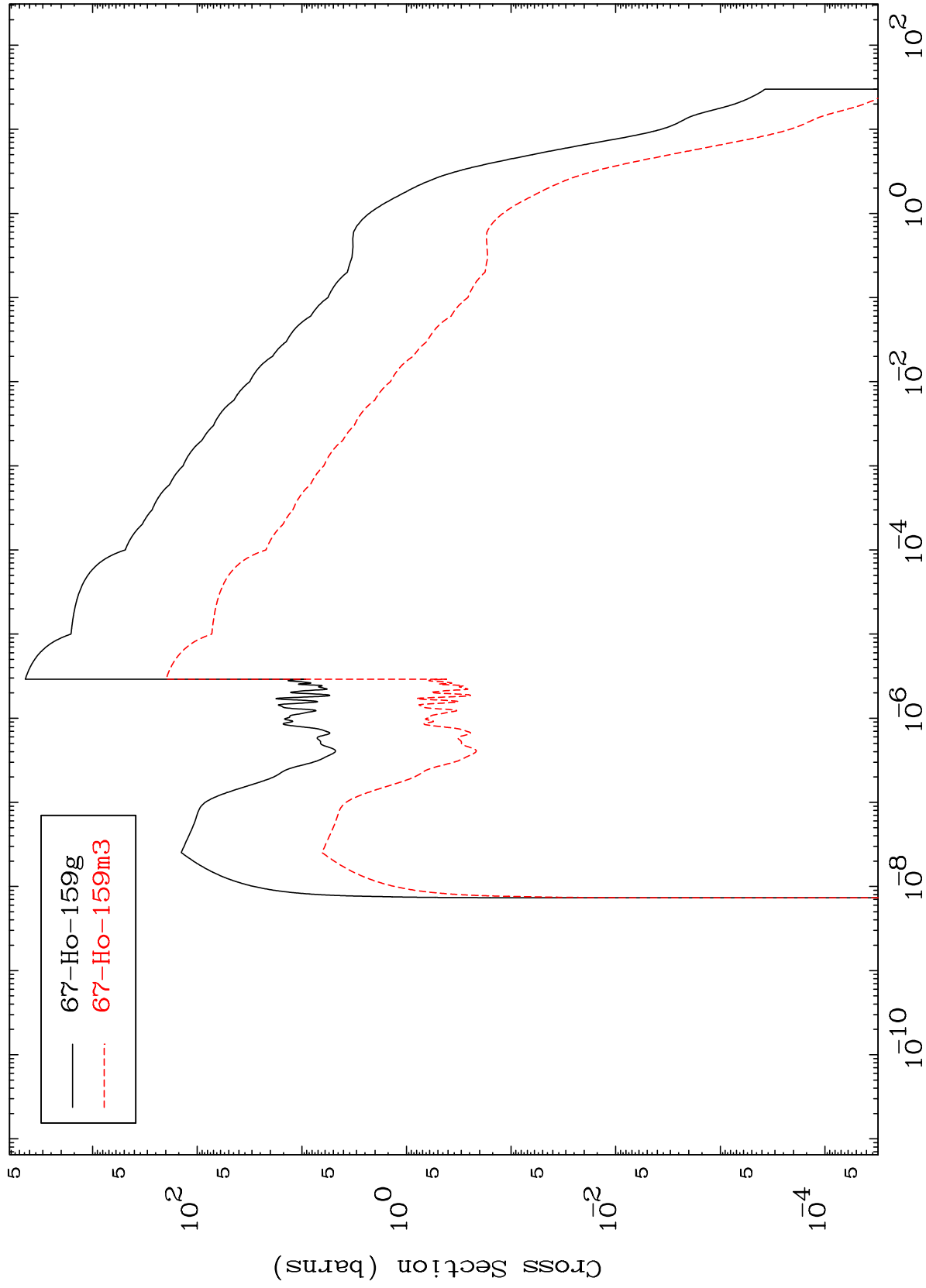
Incident Energy (MeV)

67-Ho-158

MAT 6704

67-Ho-158

Radionuclide Production Cross Section (n,γ)



99

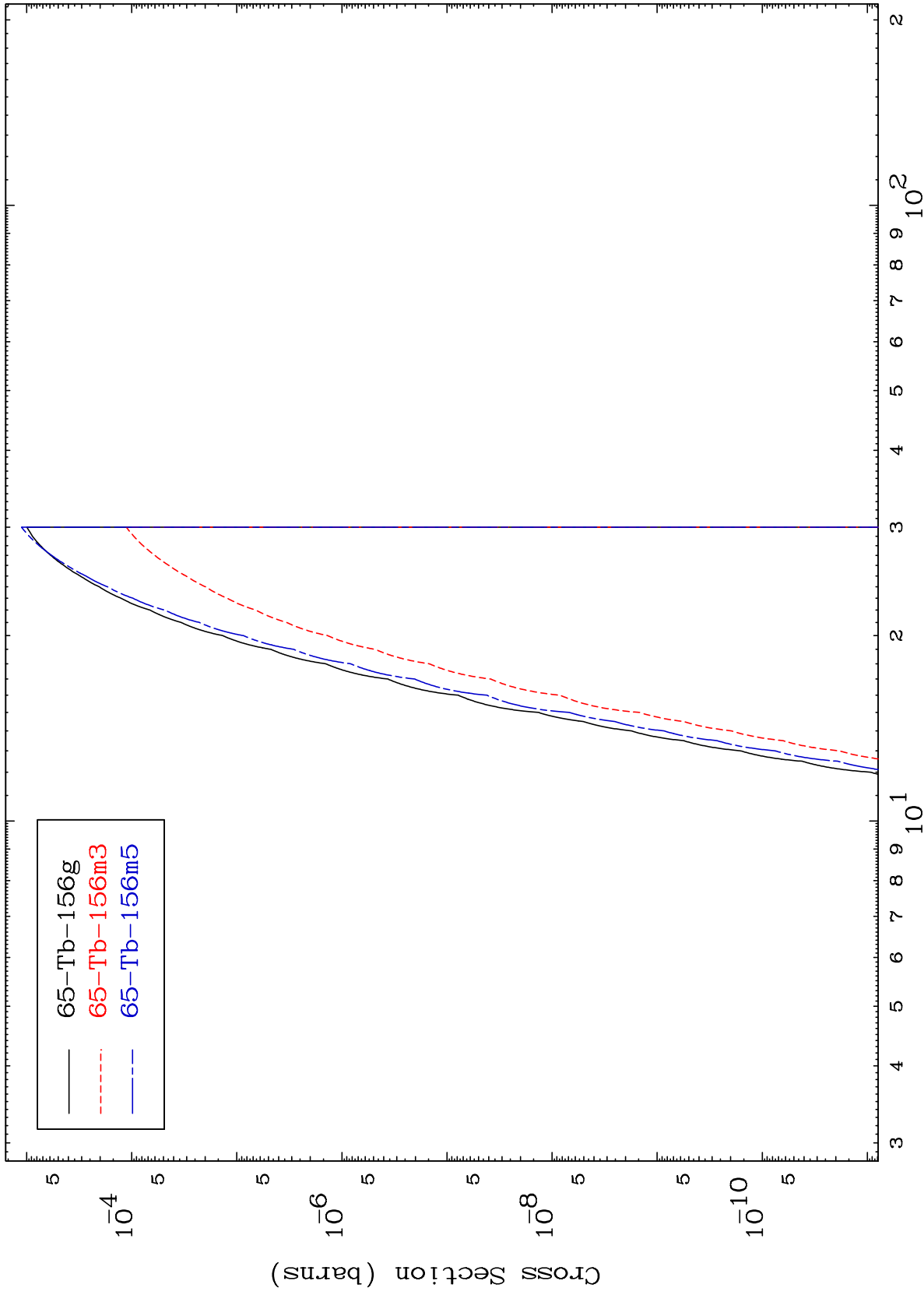
67-Ho-158

MAT 6704

(n, He-3)

67-Ho-158

Radionuclide Production Cross Section



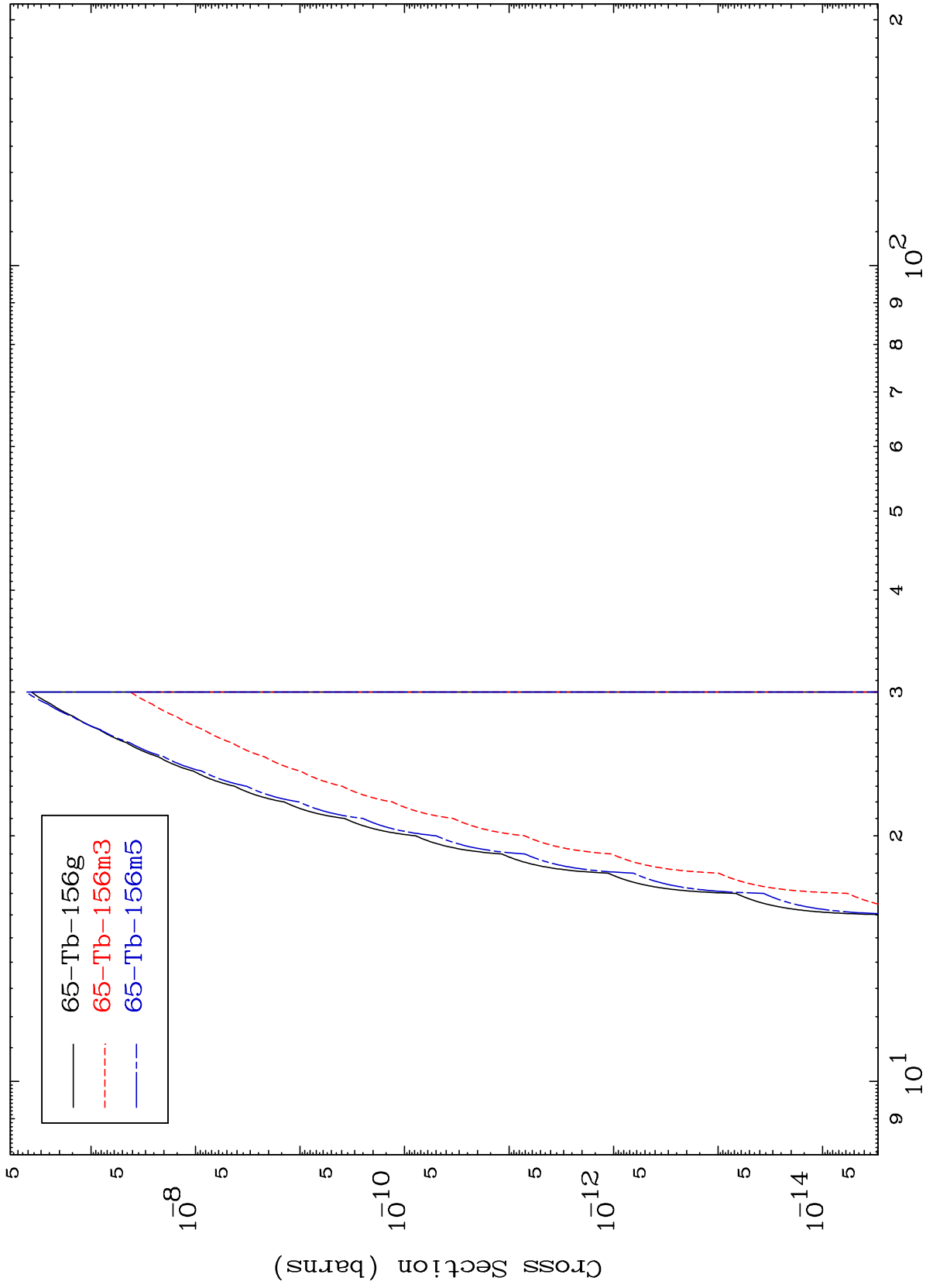
65-Tb-156g
65-Tb-156m3
65-Tb-156m5

MAT 6704

(n,p) d

67-Ho-158

Radionuclide Production Cross Section



101

Incident Energy (MeV)

67-Ho-158