

Program EVALPLOT
(Version 2018-1)

by

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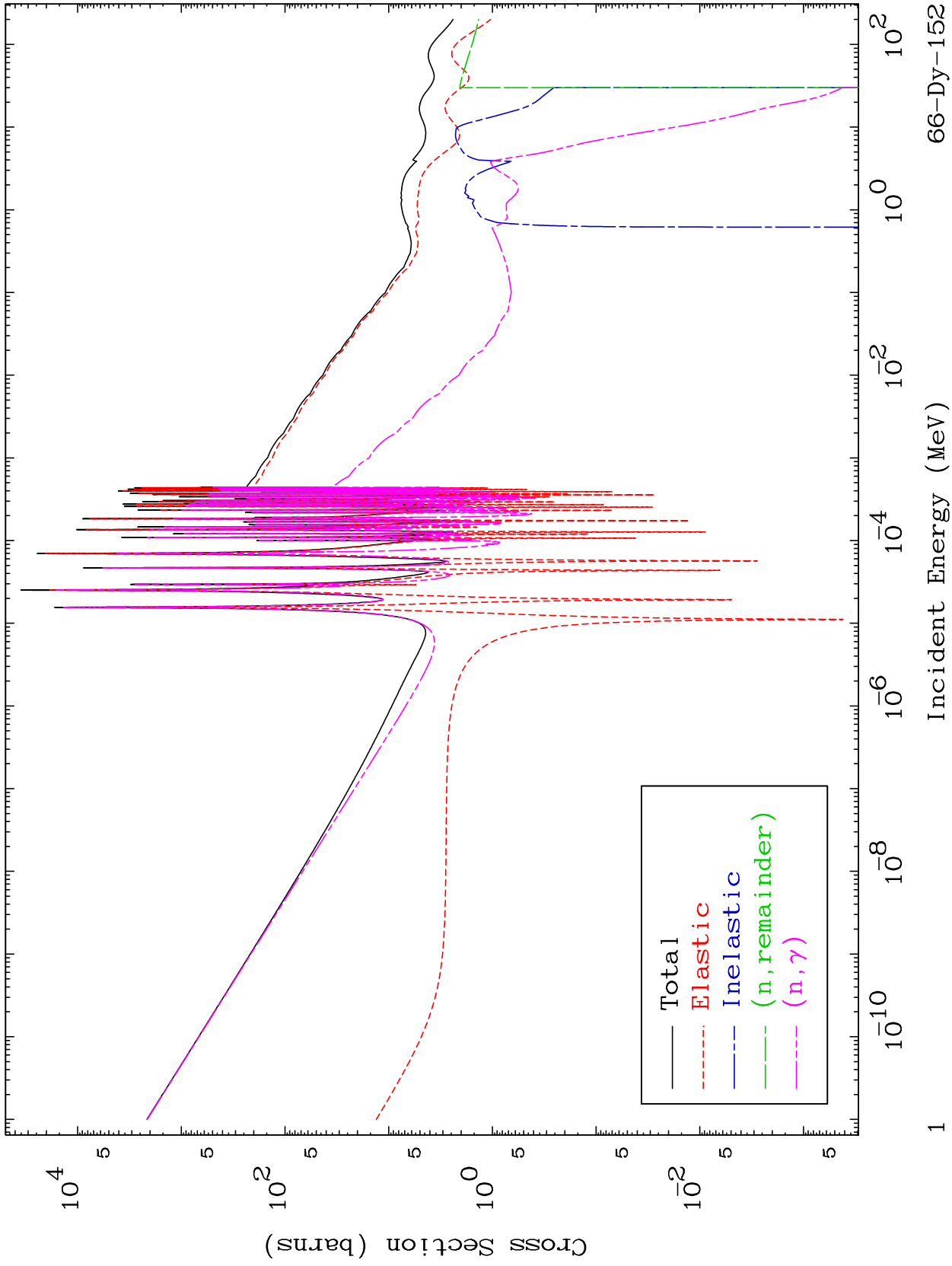
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6613

Major
293 Kelvin Cross Sections

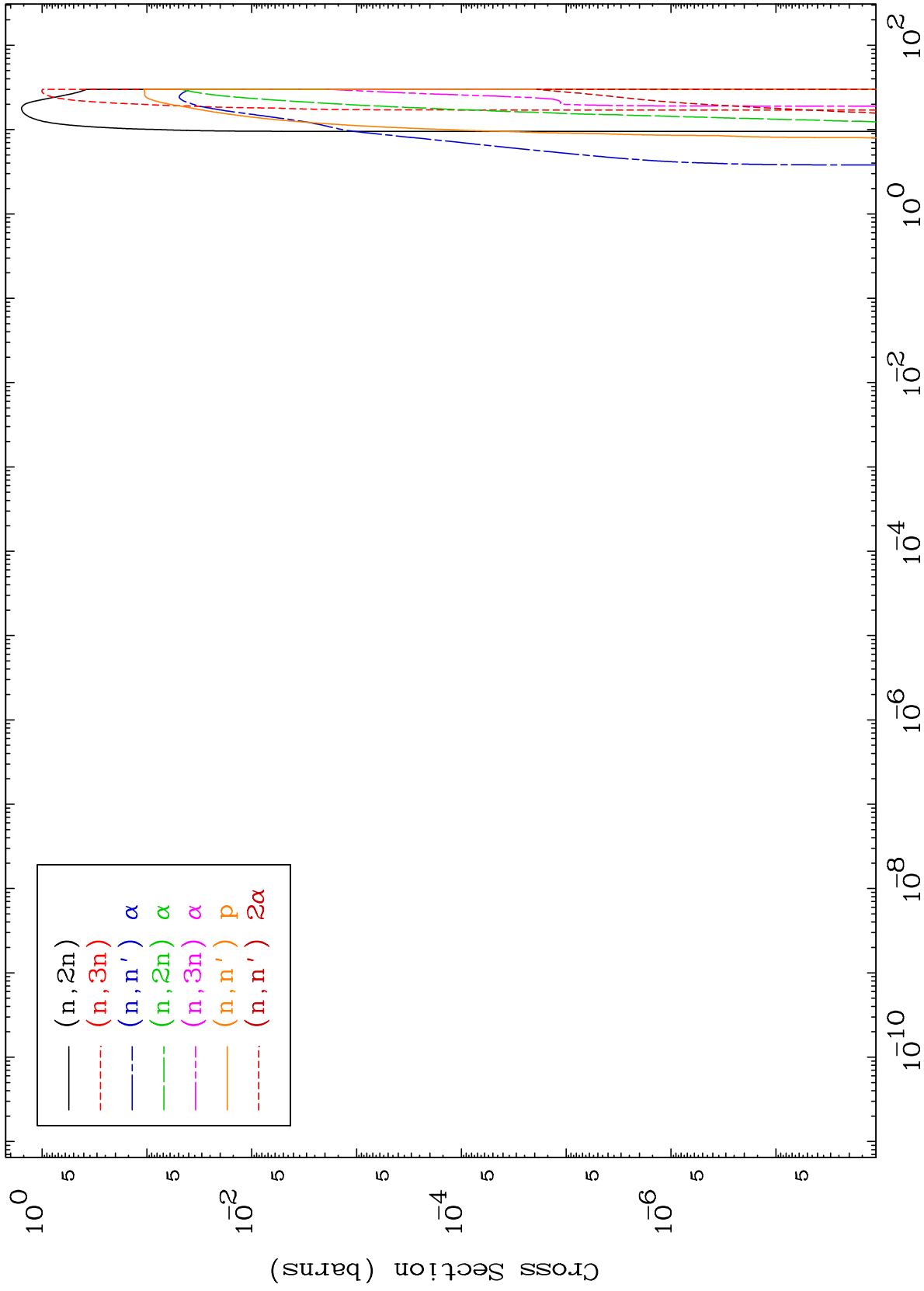
66-Dy-152



MAT 6613

Neutron Production
293 Kelvin Cross Sections

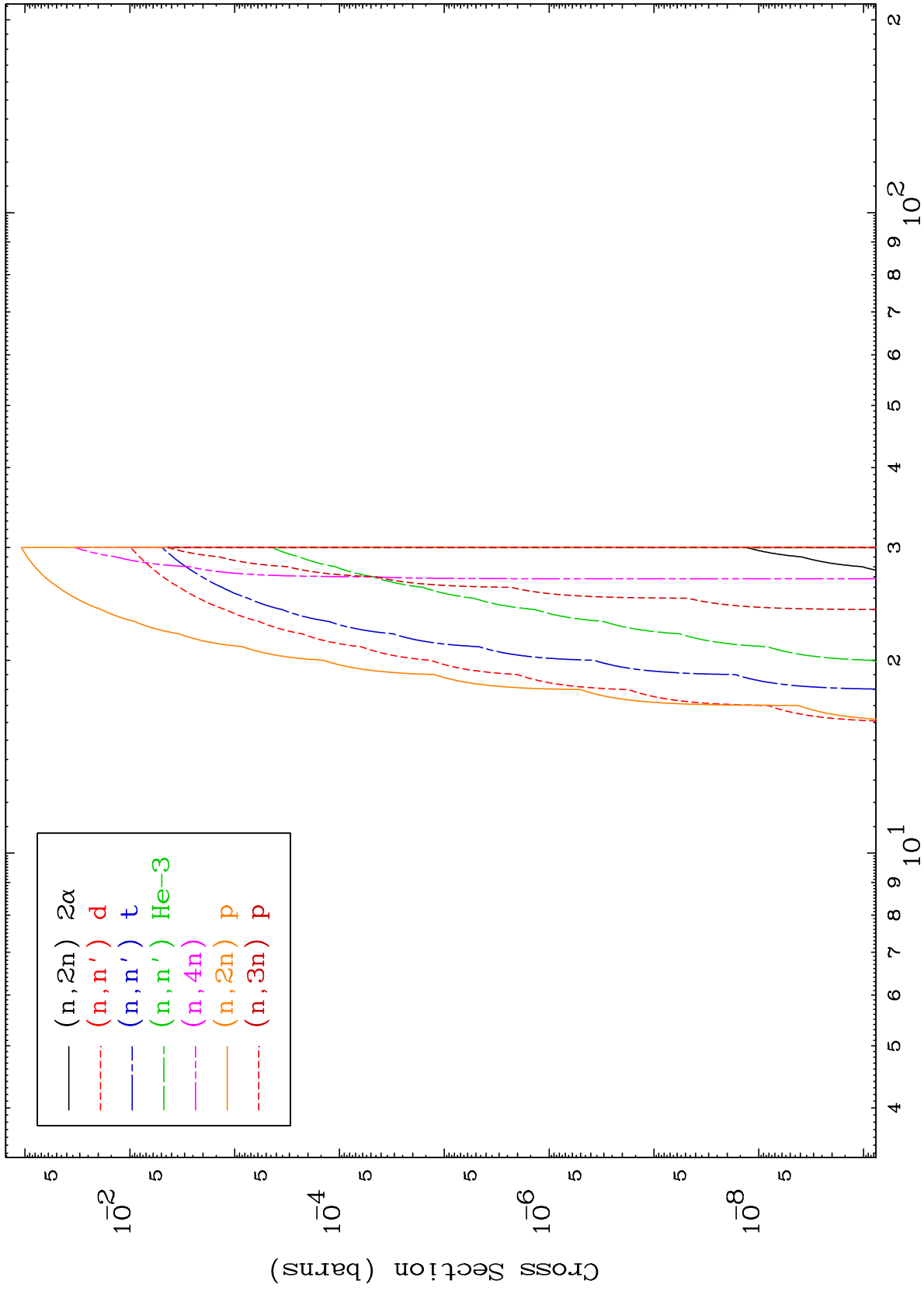
66-Dy-152



2

Incident Energy (MeV)

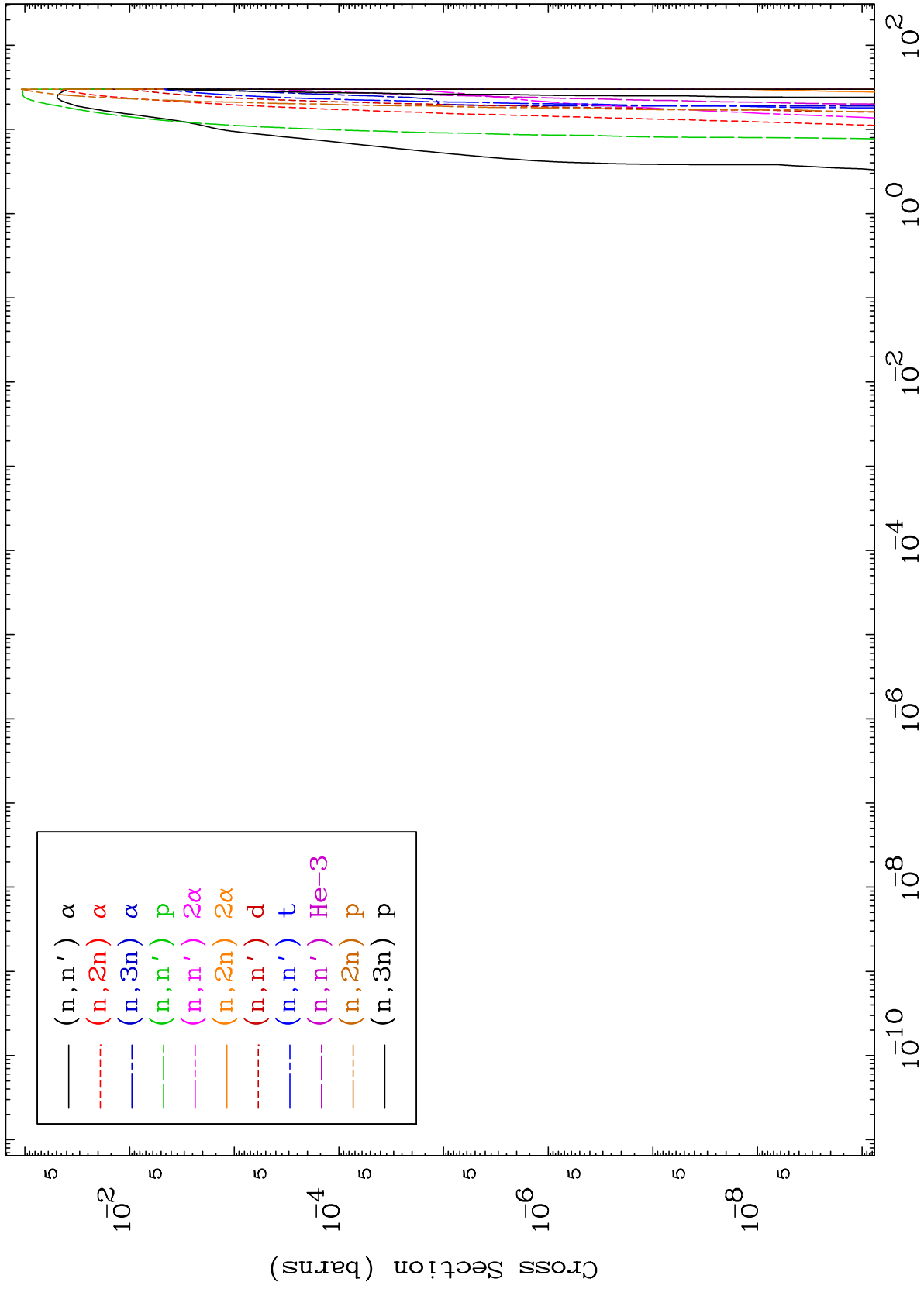
66-Dy-152



MAT 6613

Charged Particle
293 Kelvin Cross Sections

66-Dy-152



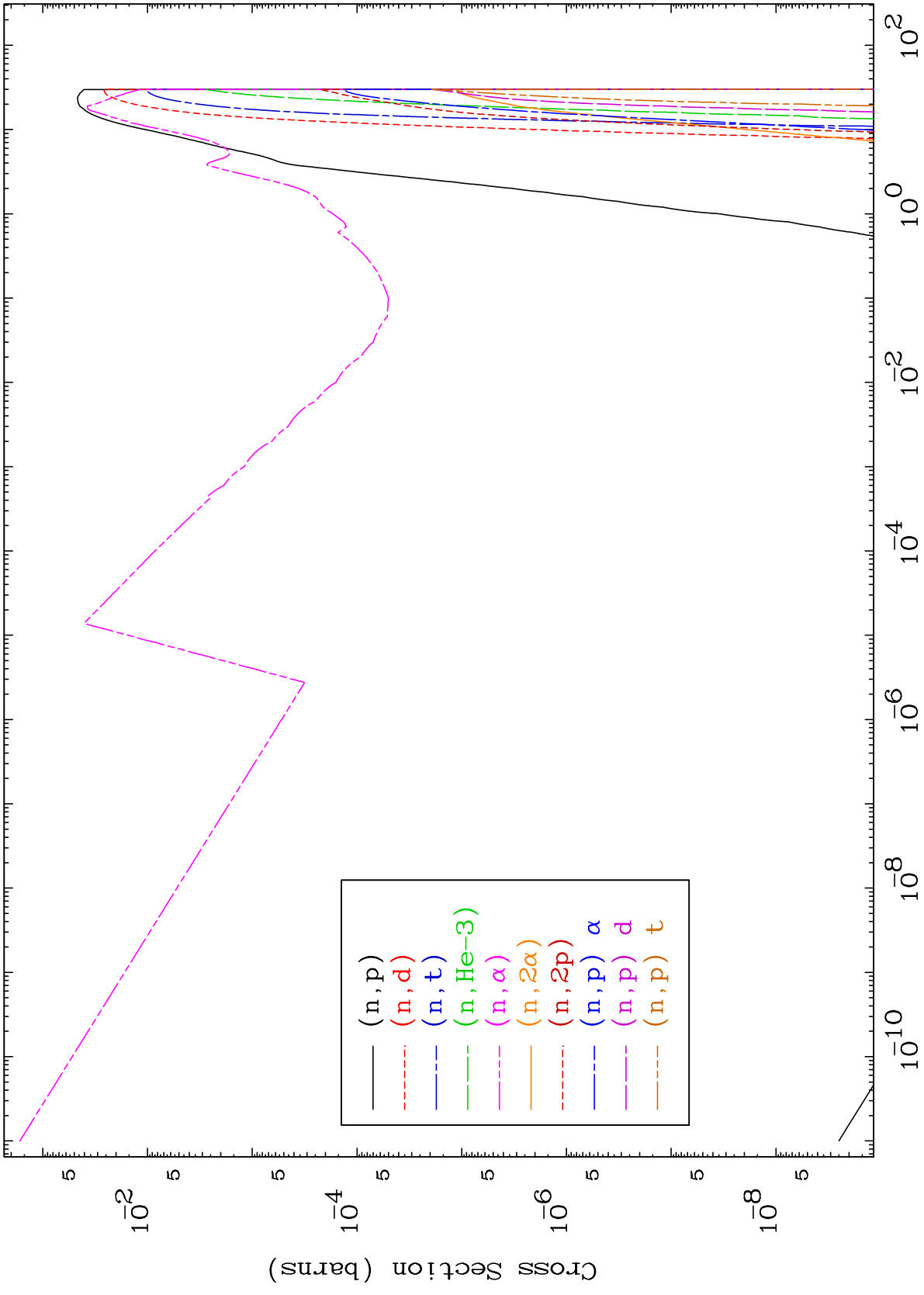
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Incident Energy (MeV)

MAT 6613

293 Kelvin Cross Sections

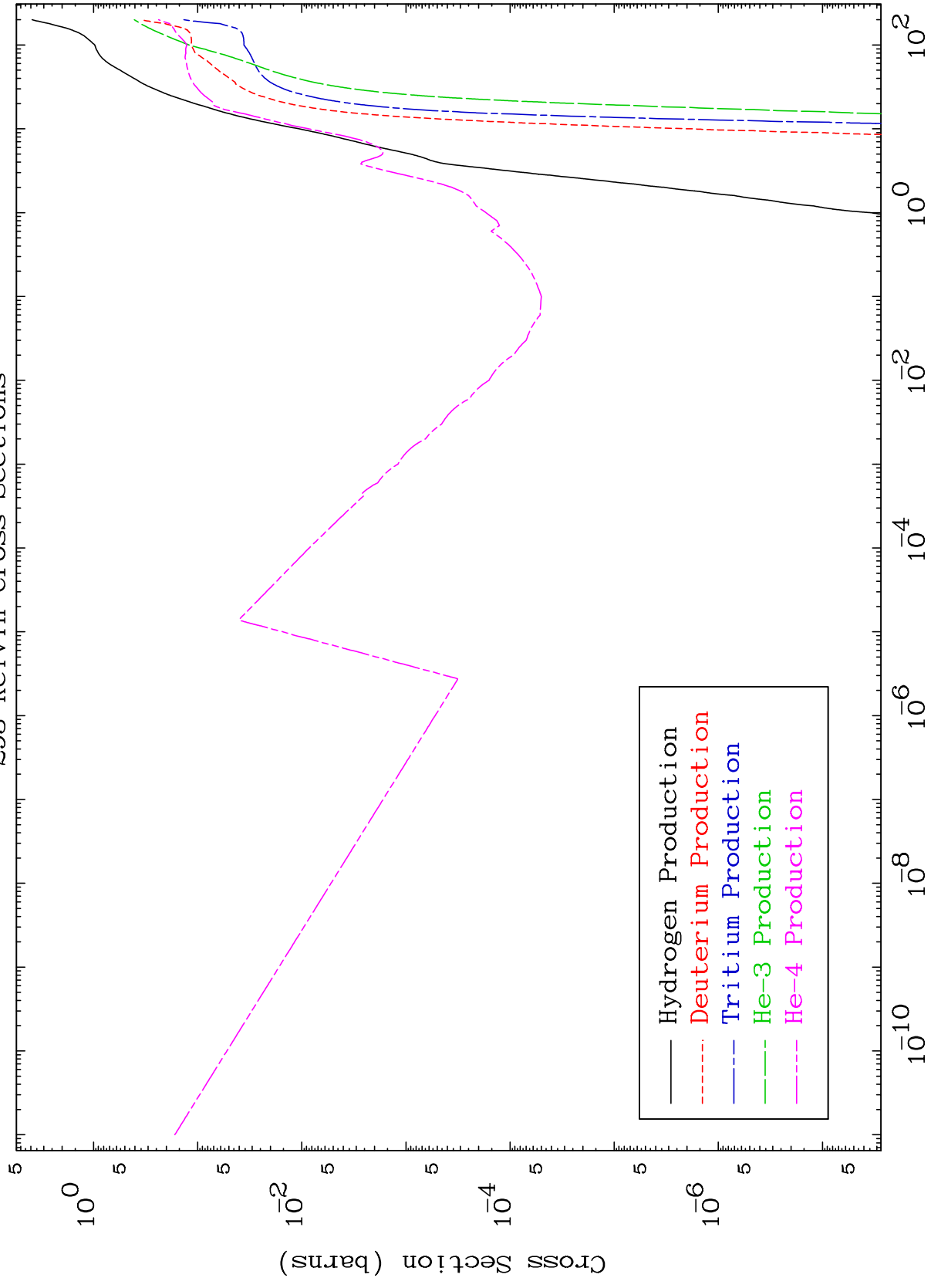
66-Dy-152



MAT 6613

Particle Production
293 Kelvin Cross Sections

66-Dy-152



6

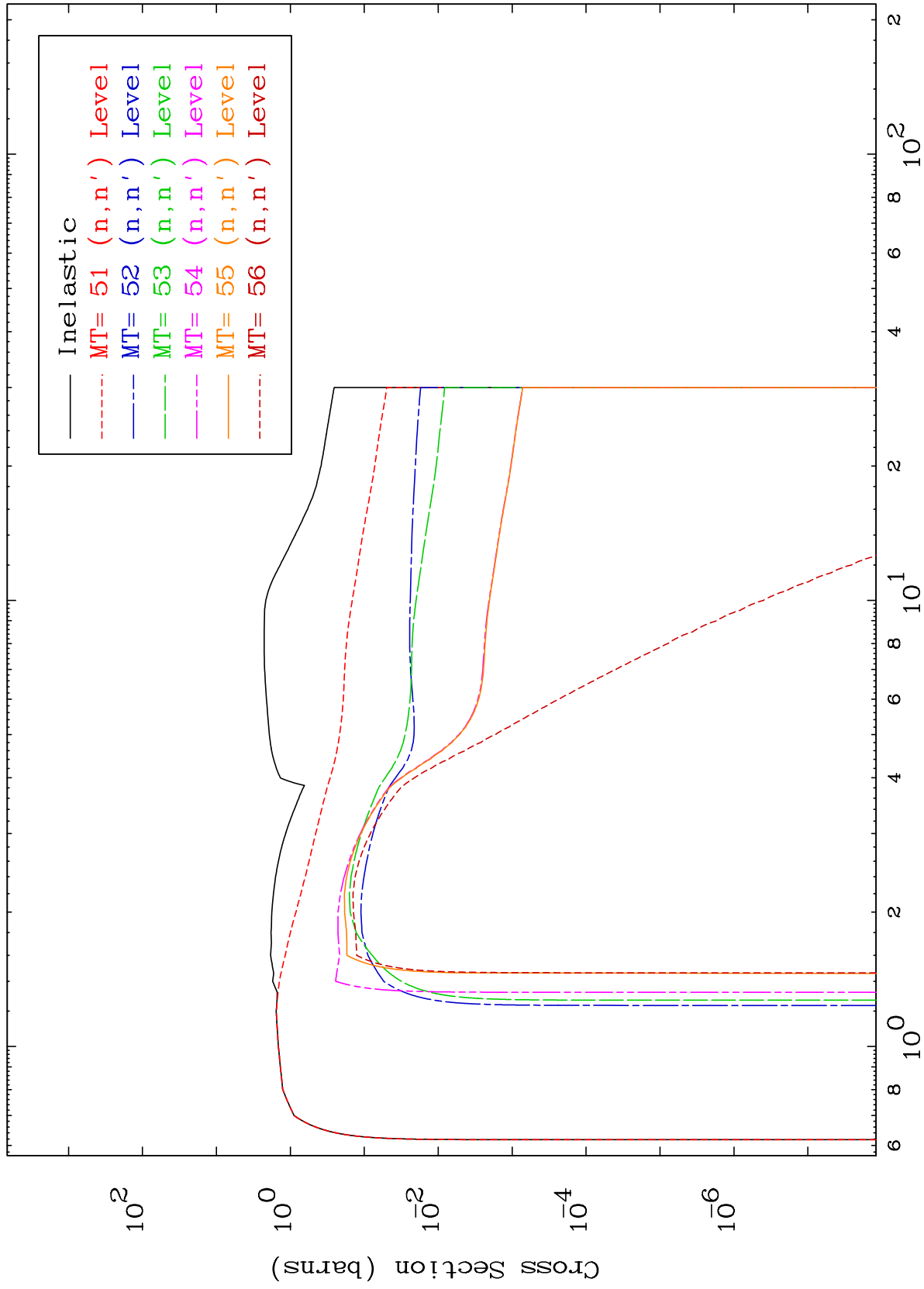
66-Dy-152

MAT 6613

(n,n') Level

66-Dy-152

293 Kelvin Cross Sections



7

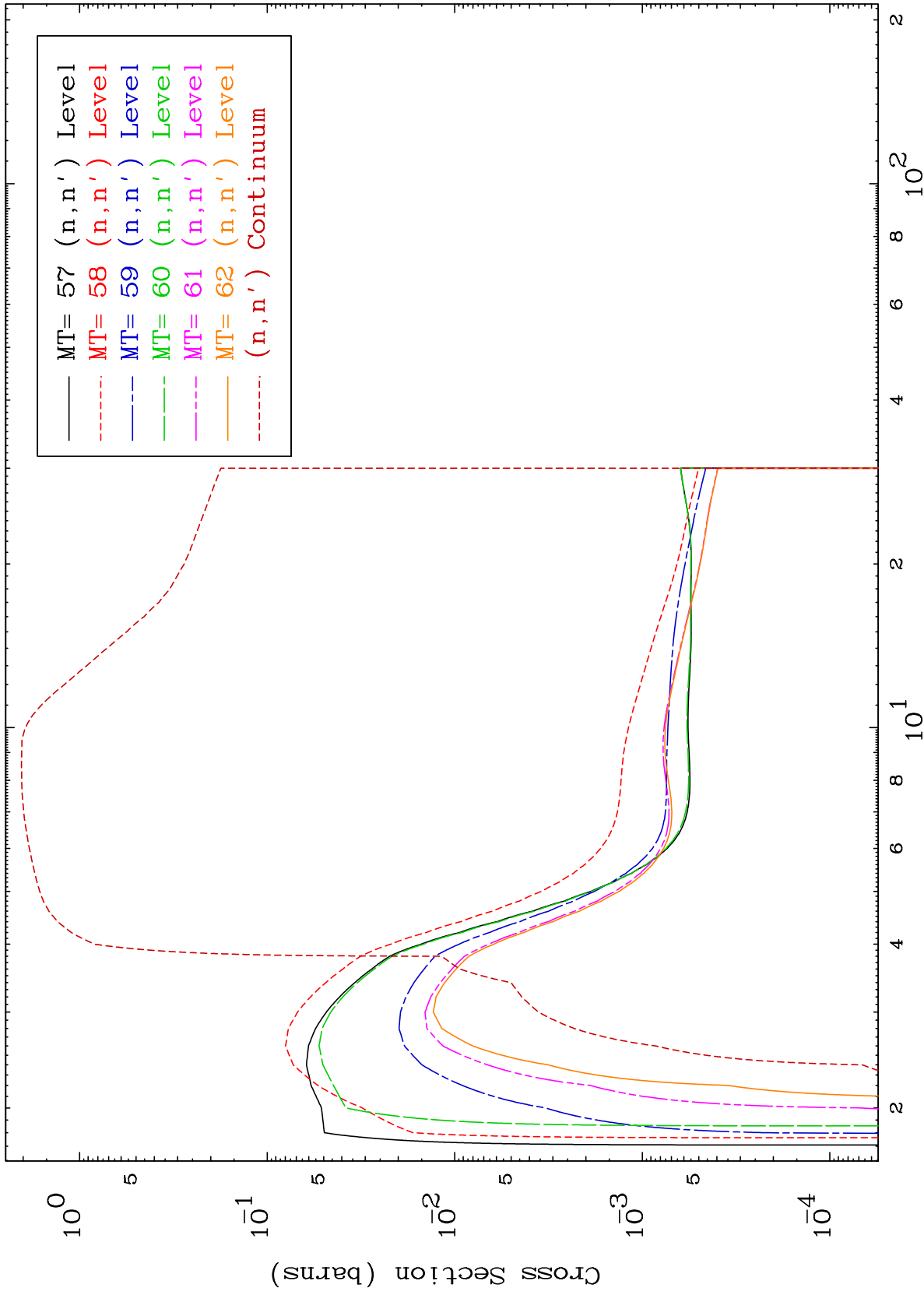
Incident Energy (MeV)

66-Dy-152

MAT 6613

(n,n') Level
293 Kelvin Cross Sections

66-Dy-152

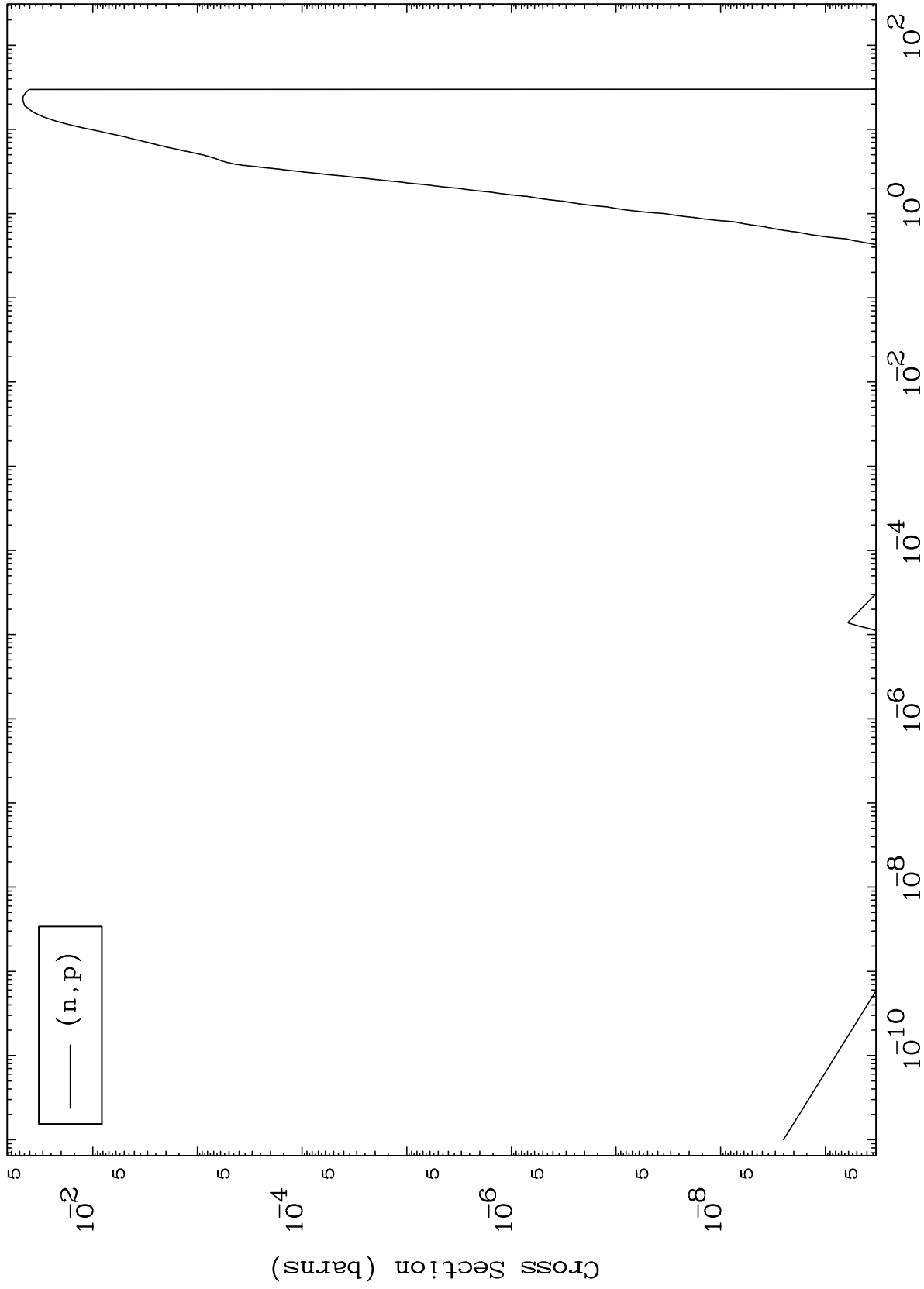


8

MAT 6613

(n,p) Levels
293 Kelvin Cross Sections

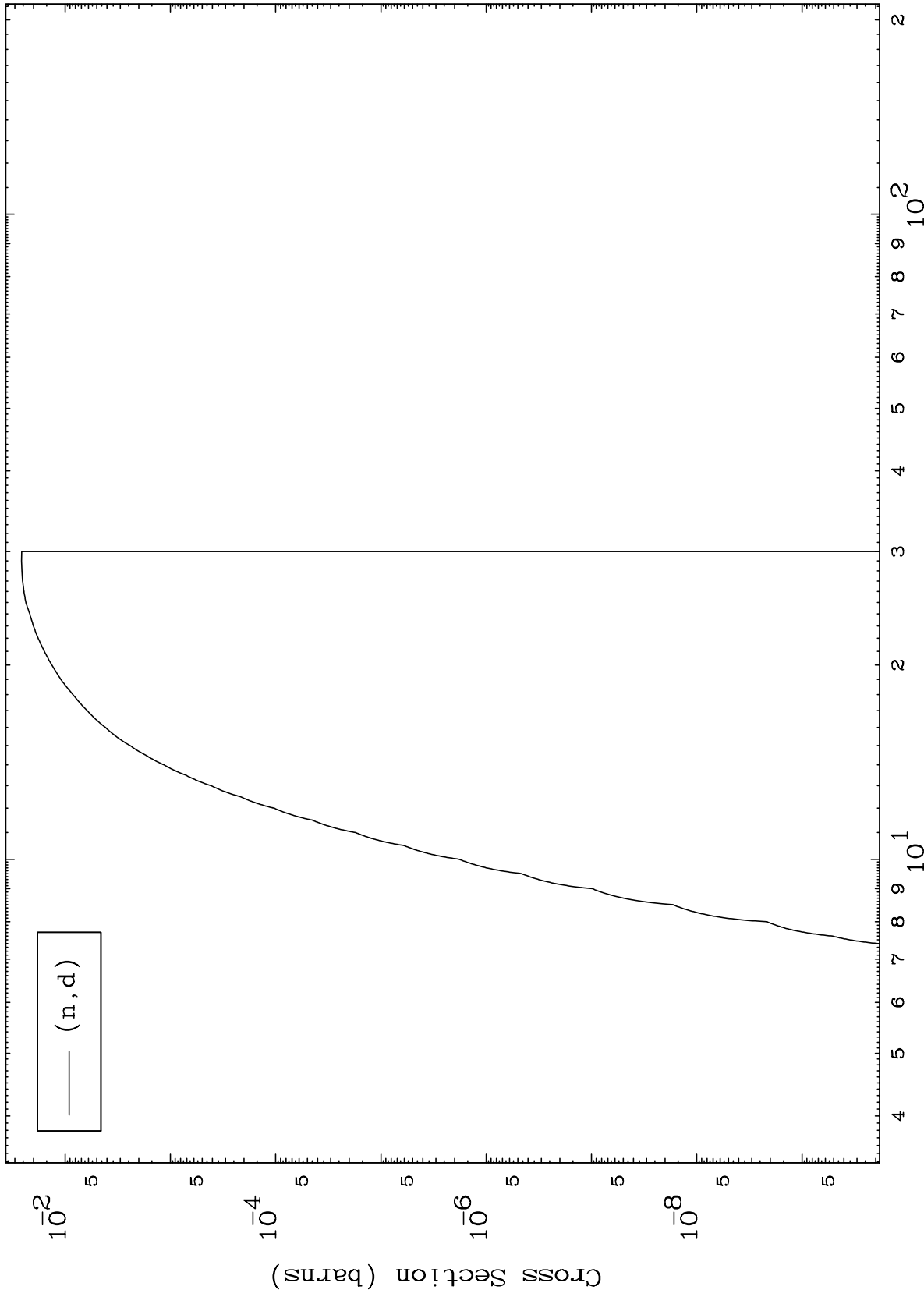
66-Dy-152



MAT 6613

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-152



10

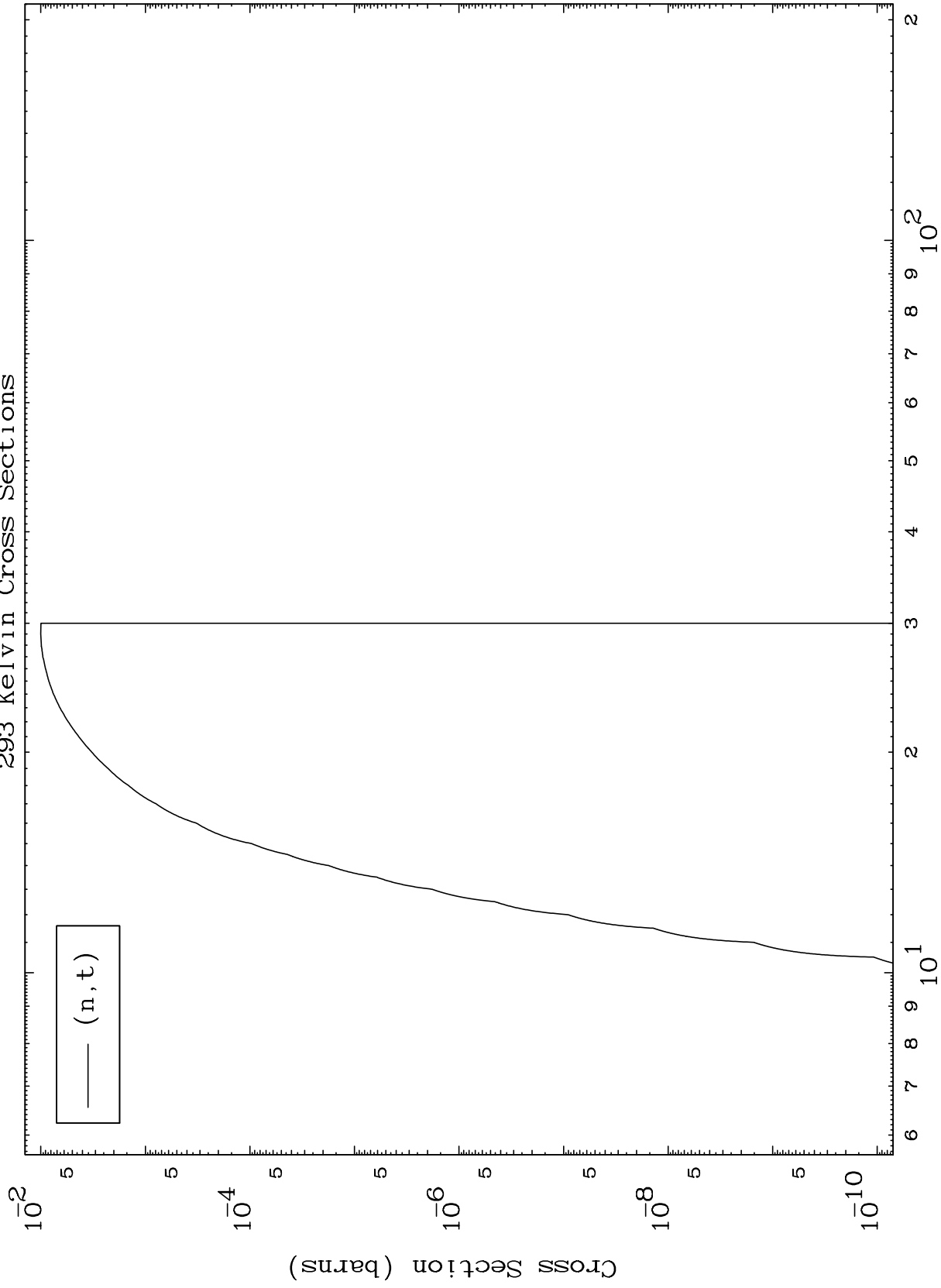
Incident Energy (MeV)

66-Dy-152

MAT 6613

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-152



11

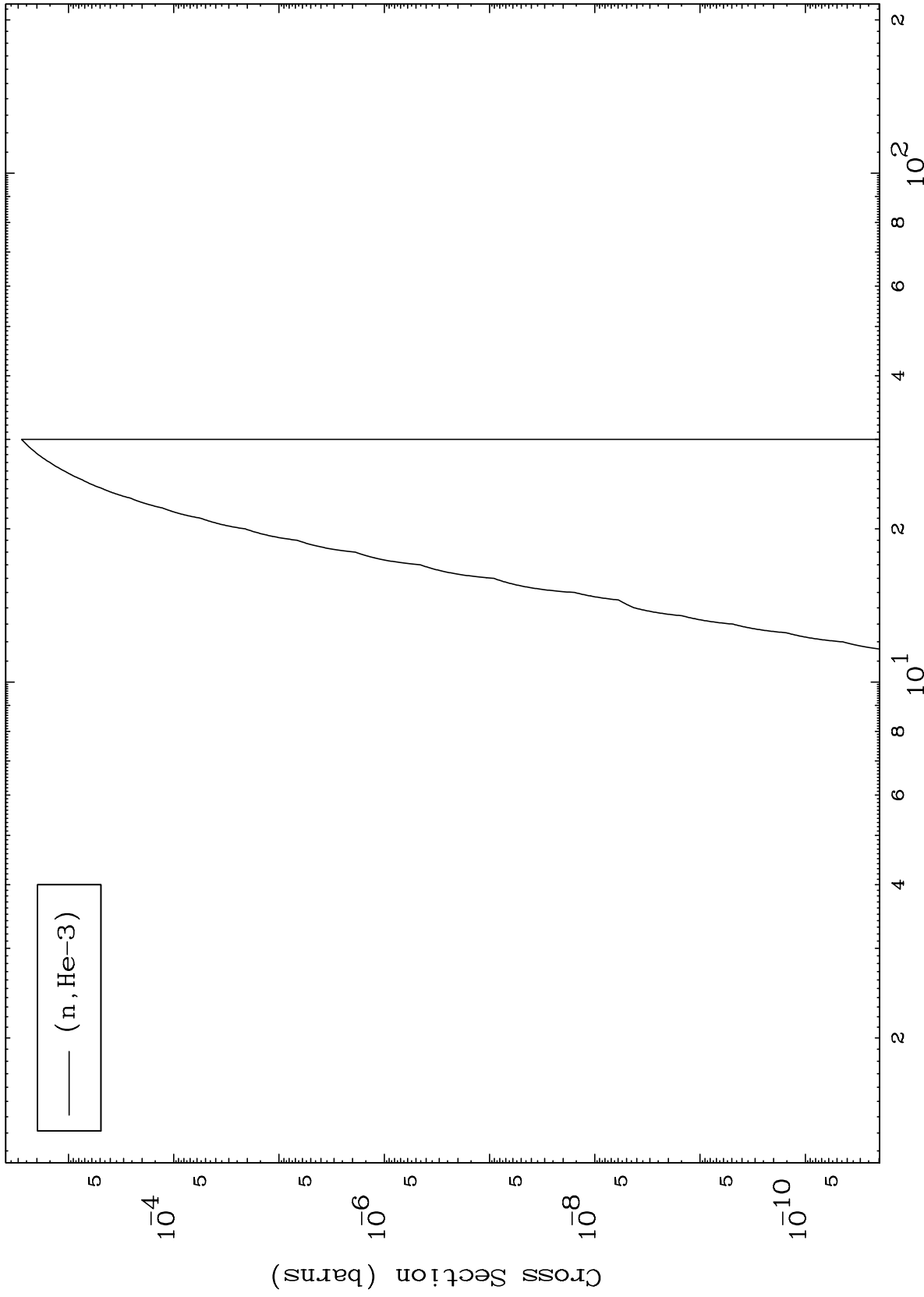
Incident Energy (MeV)

66-Dy-152

MAT 6613

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-152



12

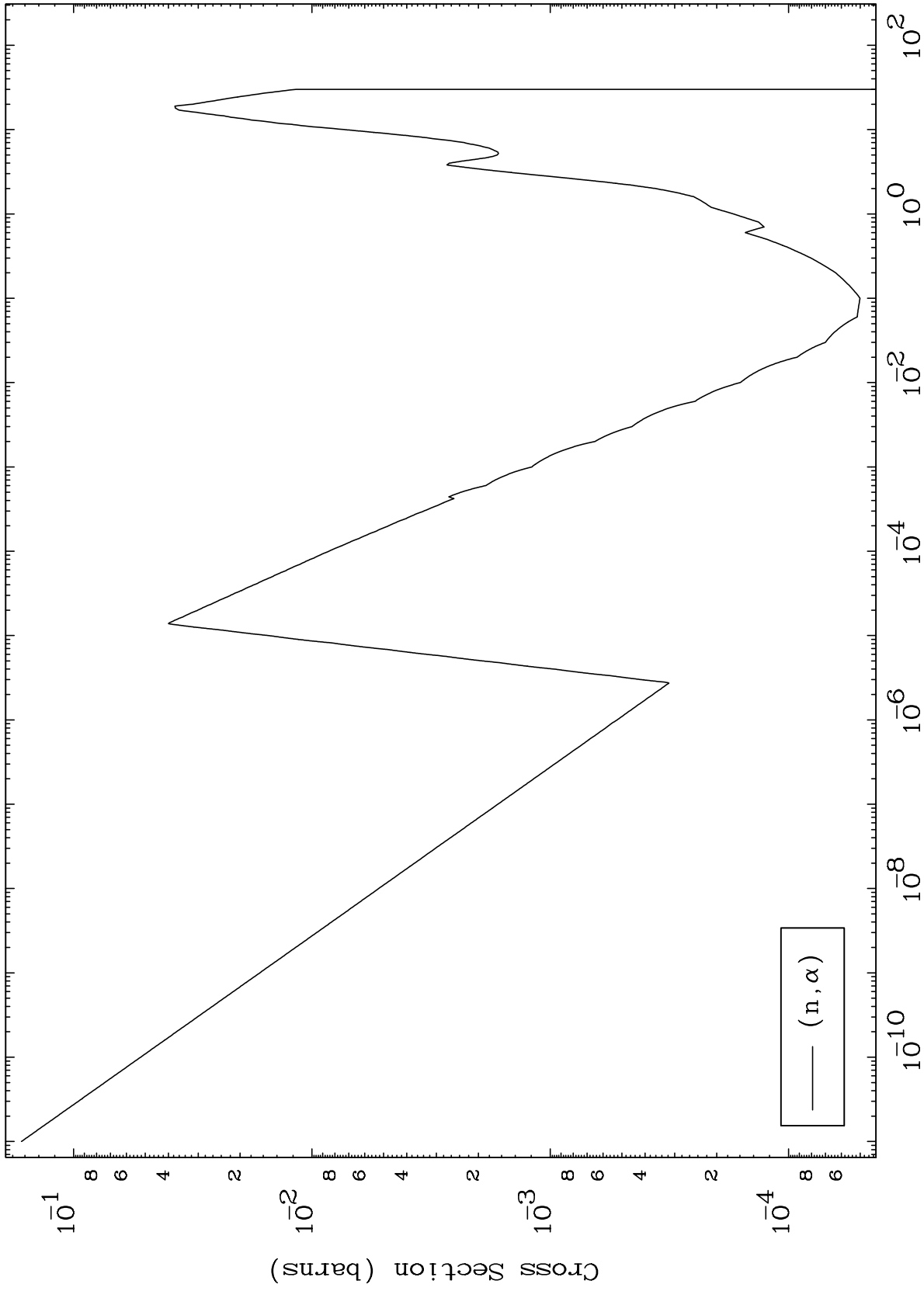
Incident Energy (MeV)

66-Dy-152

MAT 6613

(n,α) Levels
293 Kelvin Cross Sections

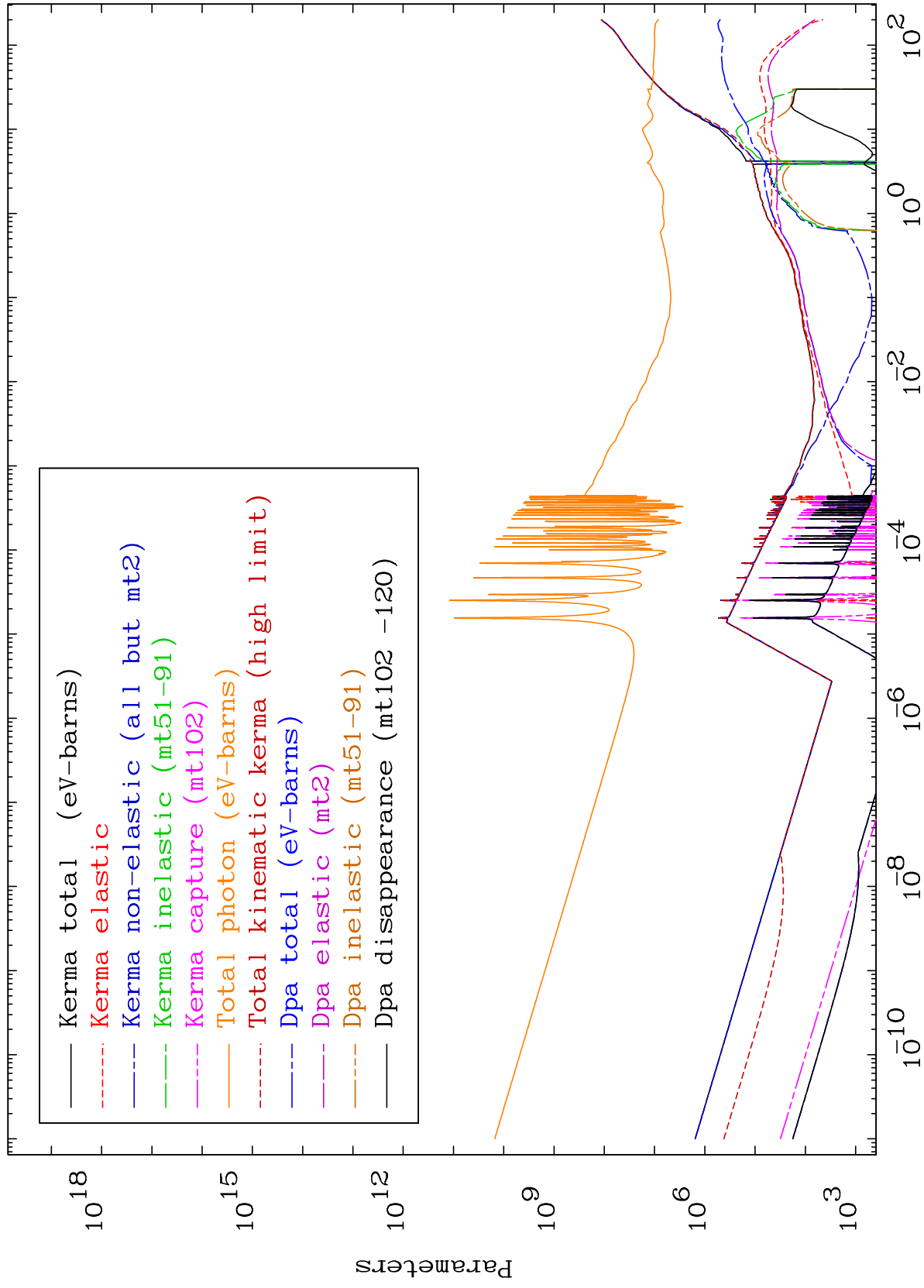
66-Dy-152



13

Incident Energy (MeV)

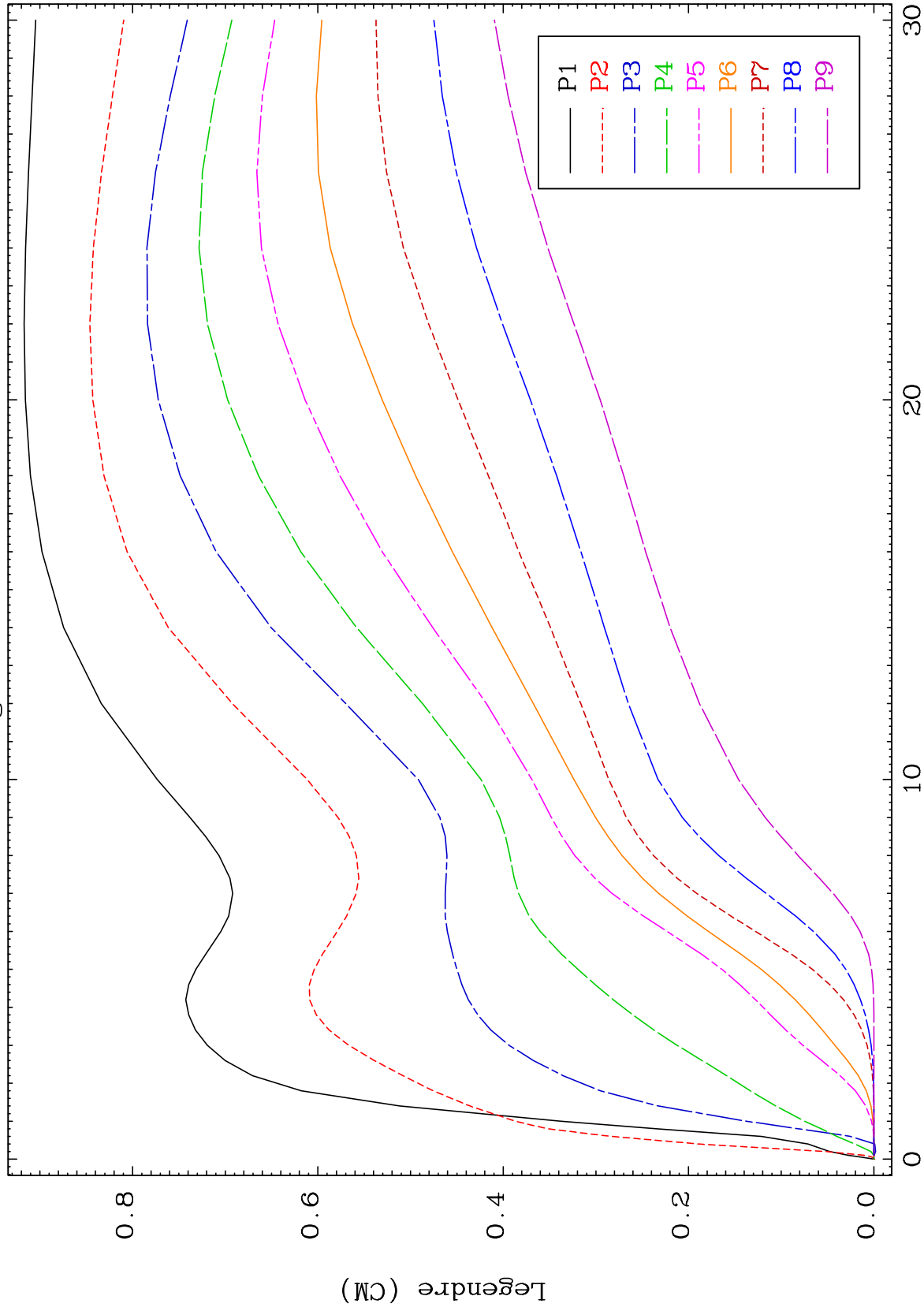
66-Dy-152



MAT 6613

Elastic Legendre Coefficients

66-Dy-152



15

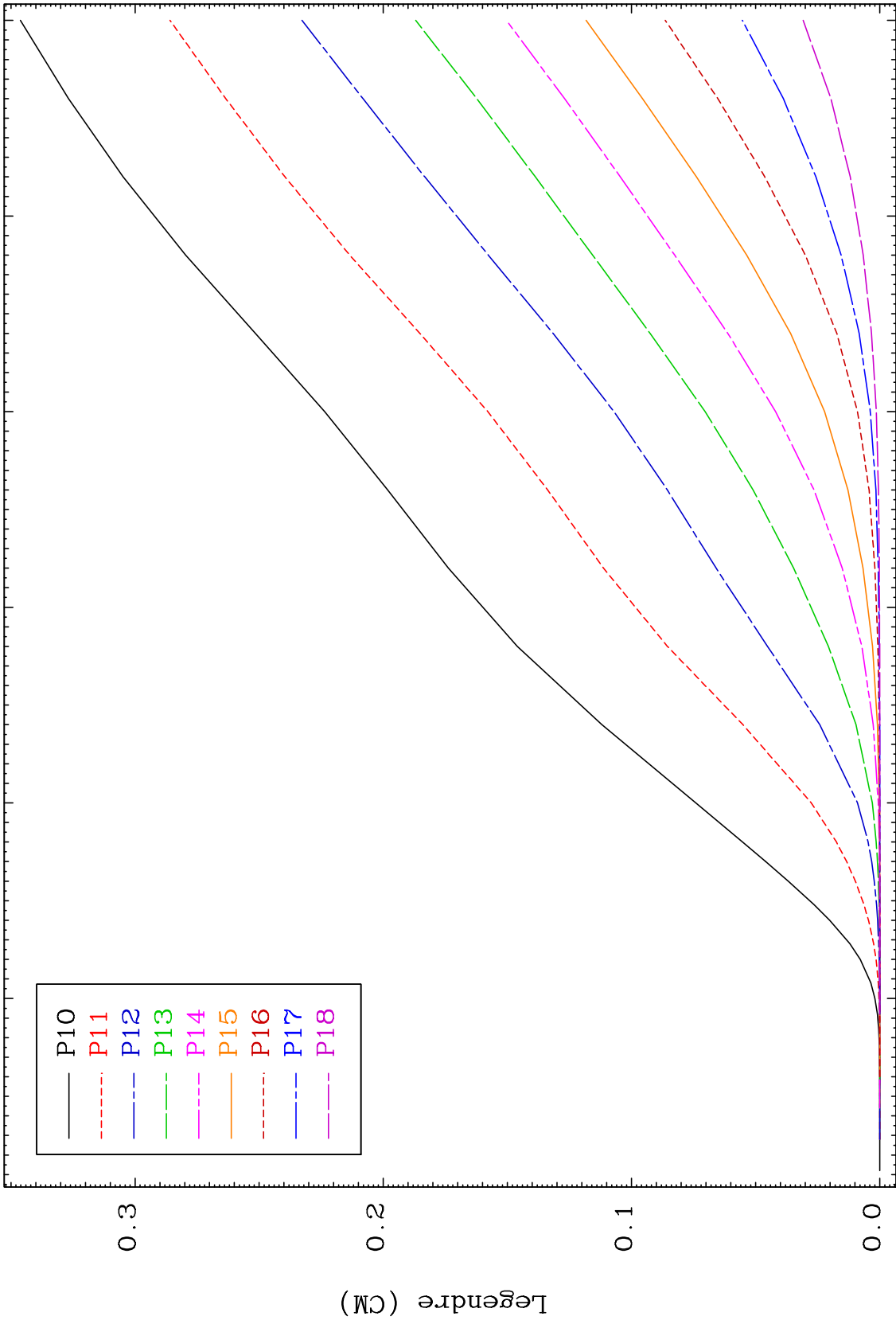
Incident Energy (MeV)

66-Dy-152

MAT 6613

Elastic Legendre Coefficients

66-Dy-152



16

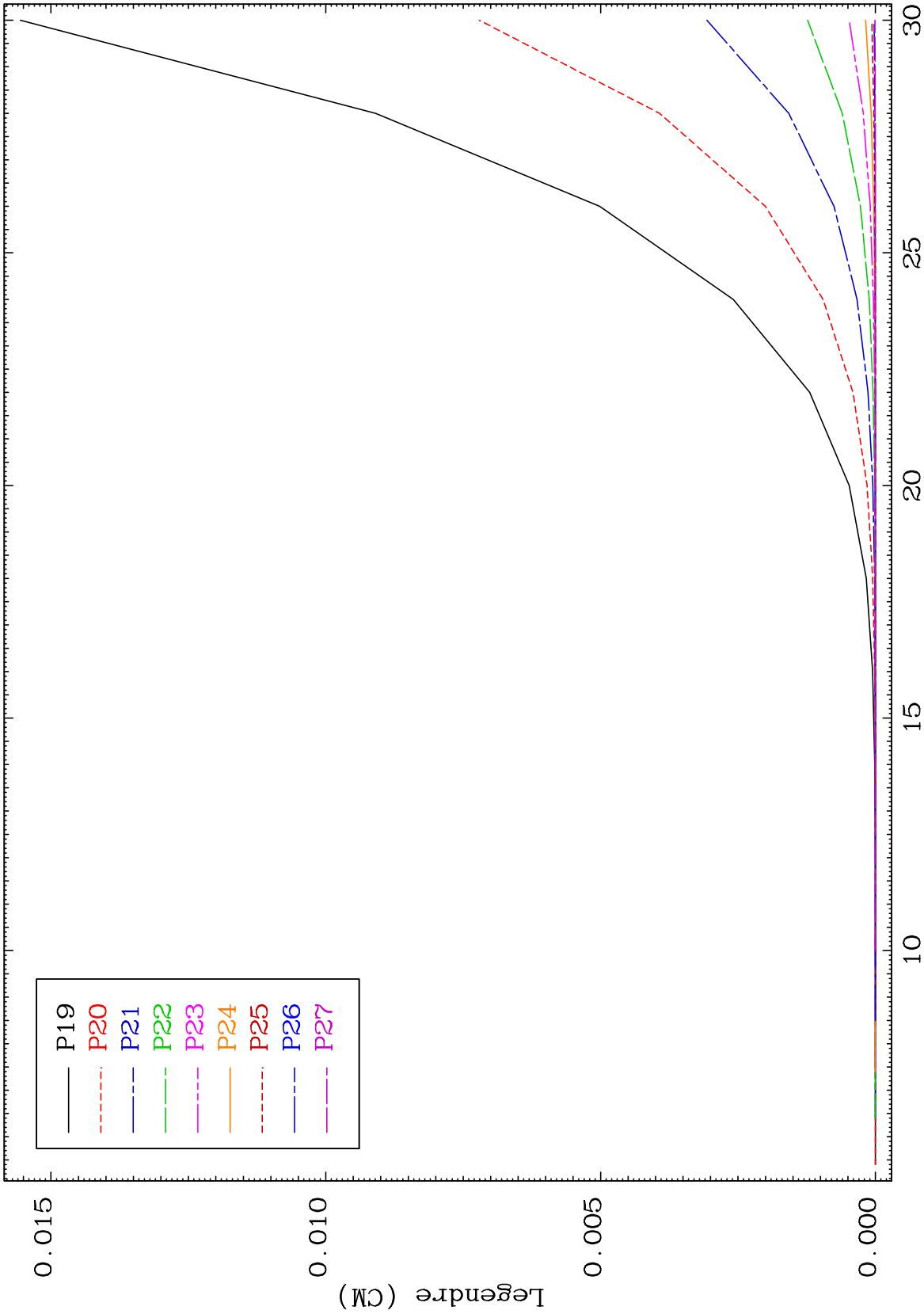
Incident Energy (MeV)

66-Dy-152

MAT 6613

Elastic Legendre Coefficients

66-Dy-152



17

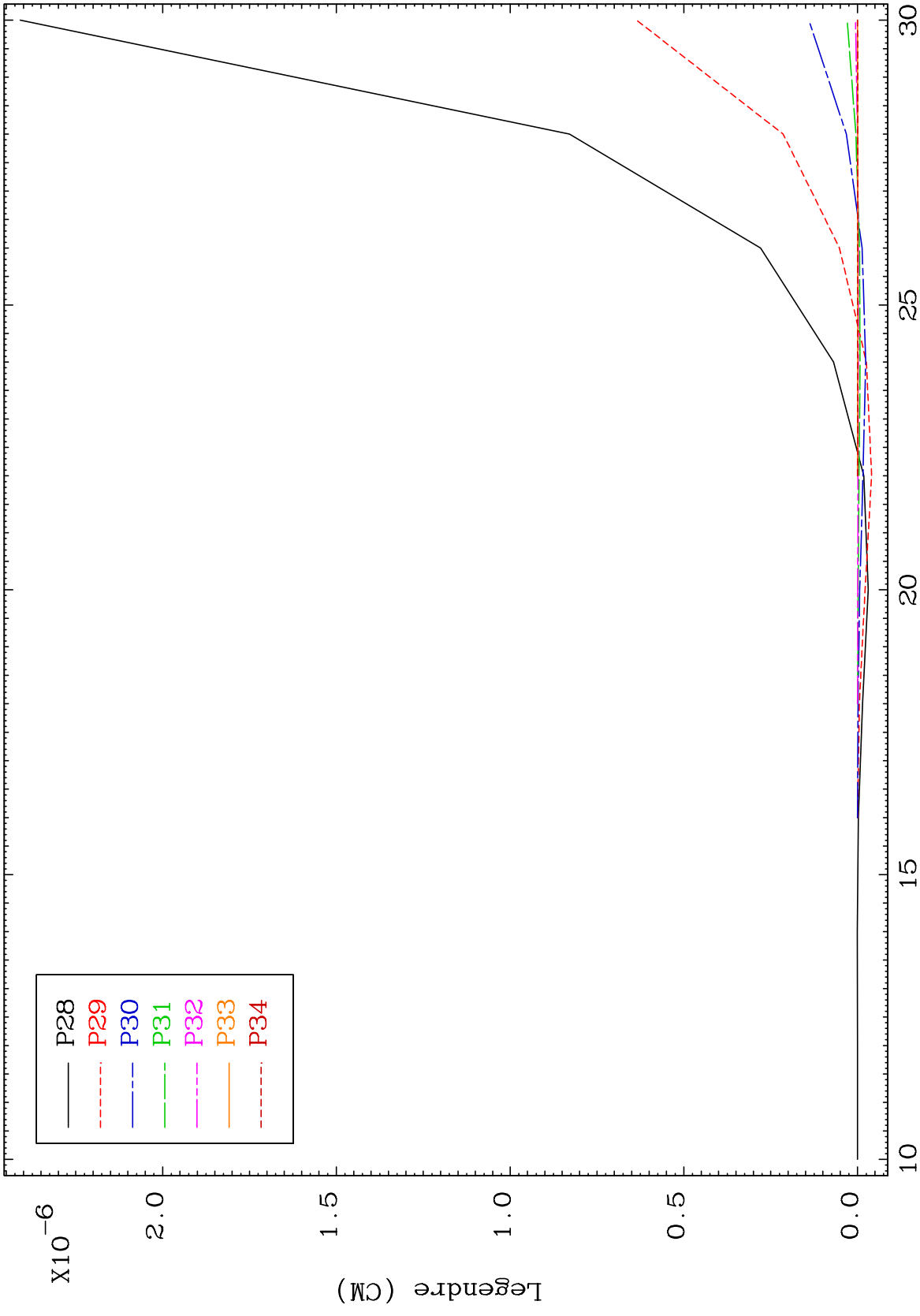
Incident Energy (MeV)

66-Dy-152

MAT 6613

Elastic Legendre Coefficients

66-Dy-152



18

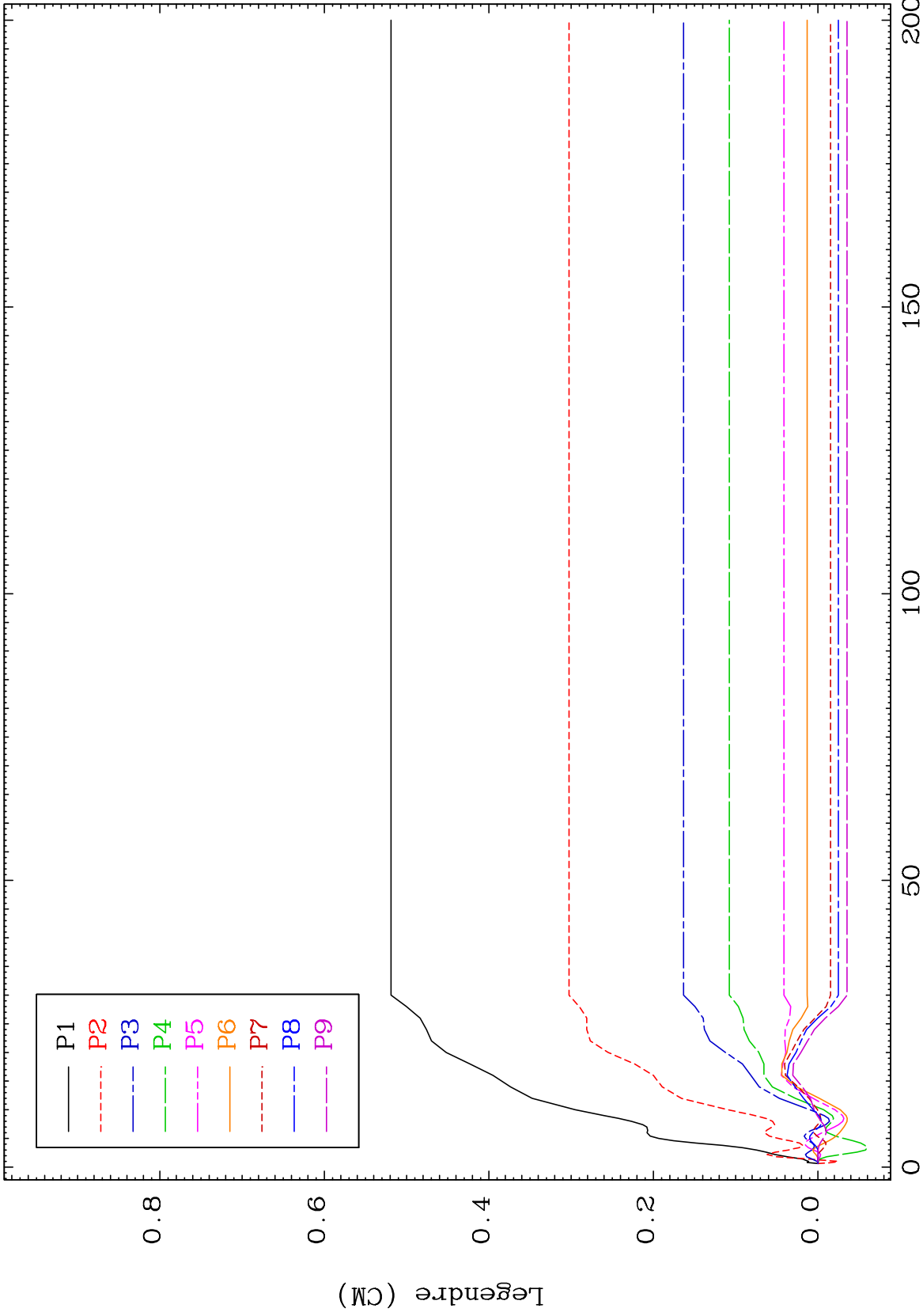
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



19

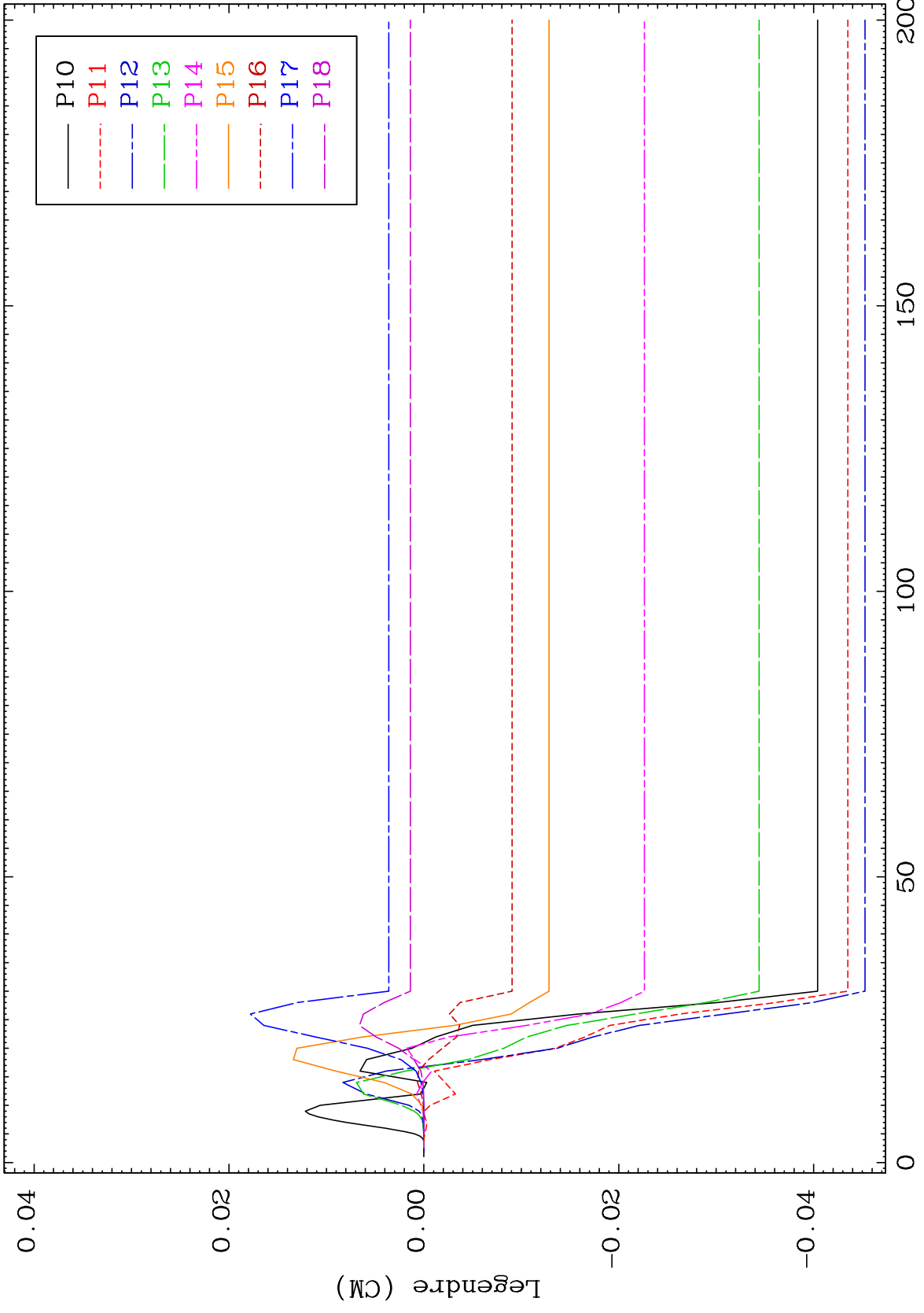
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



0

50

100

150

200

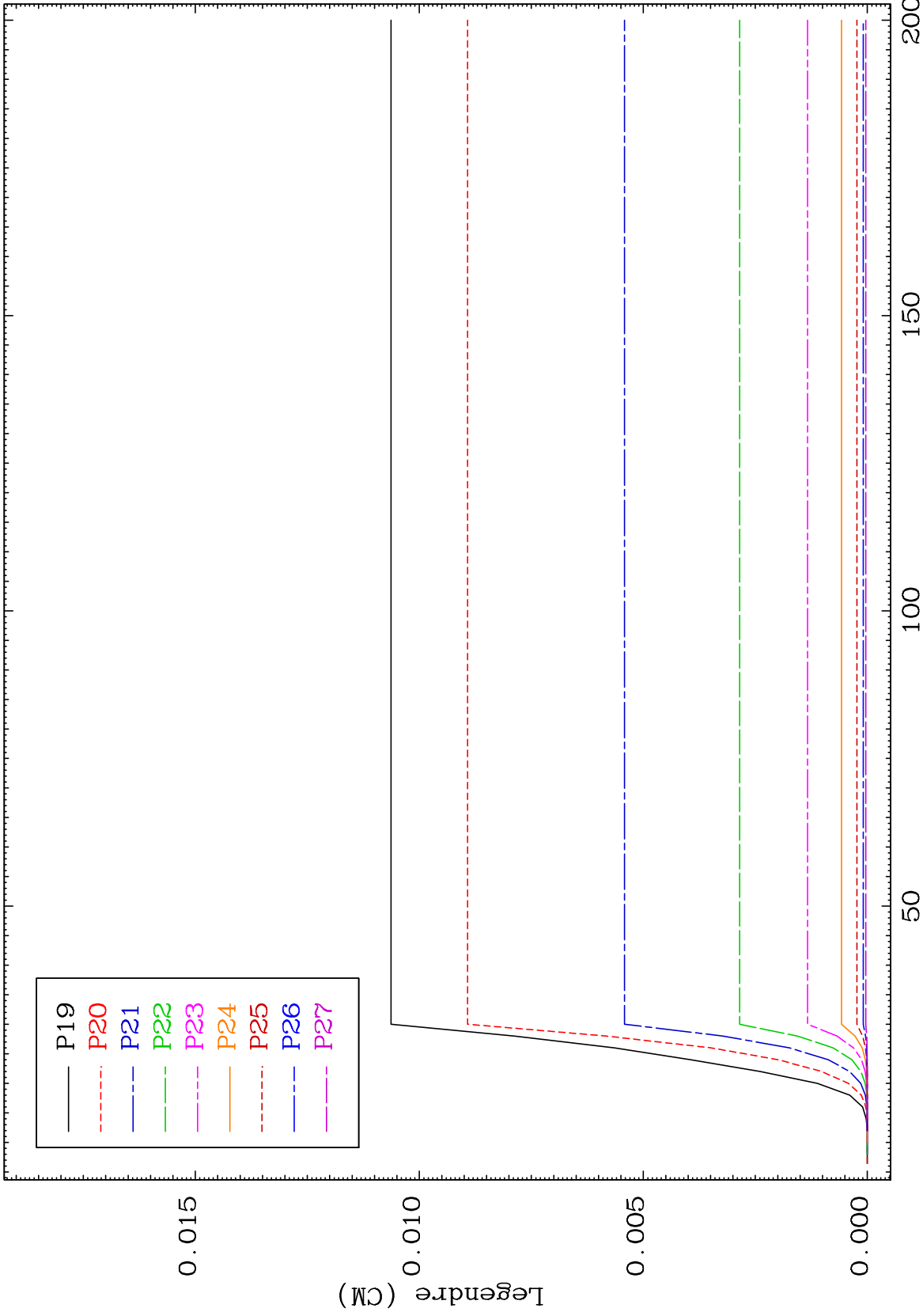
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



21

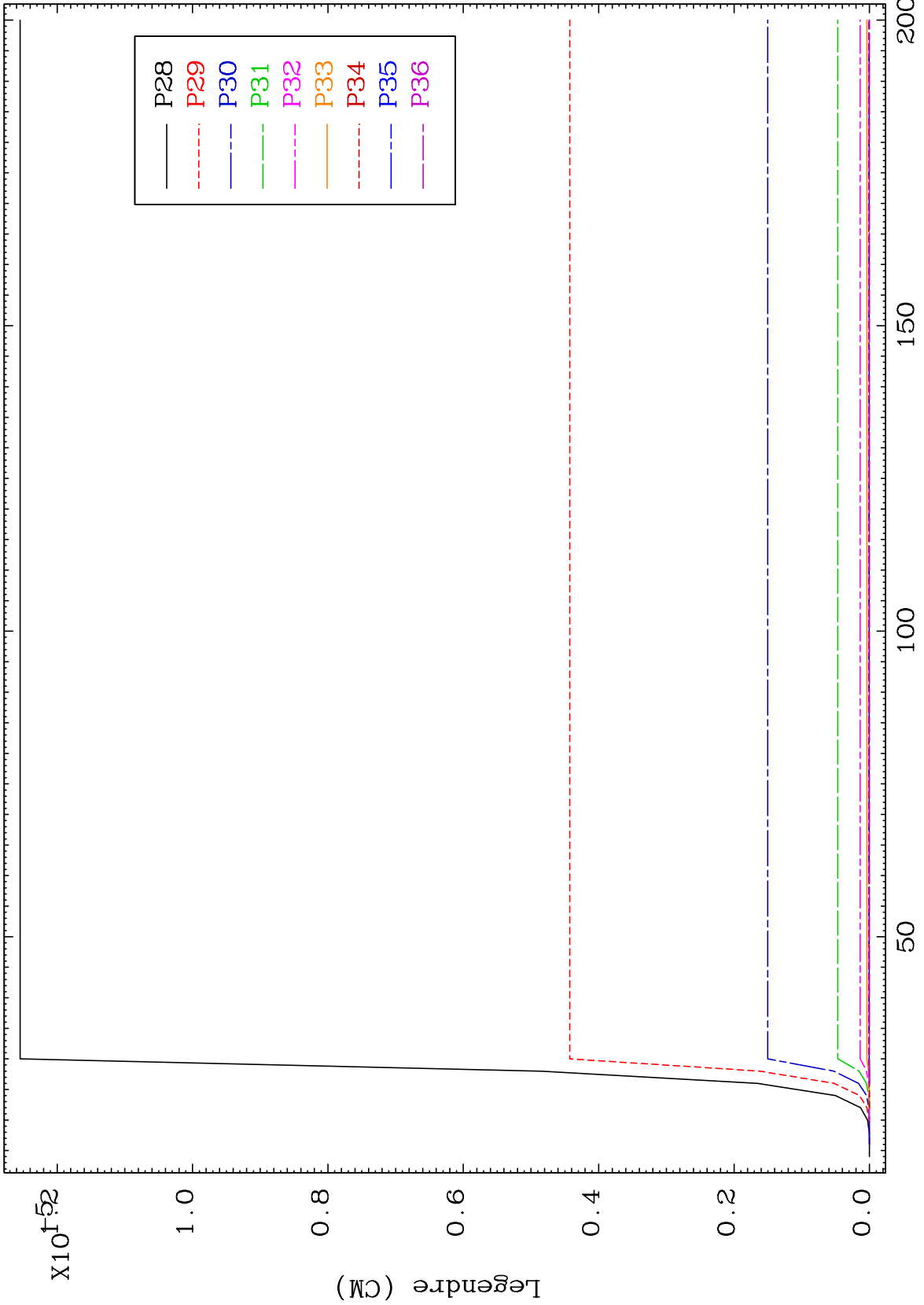
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



22

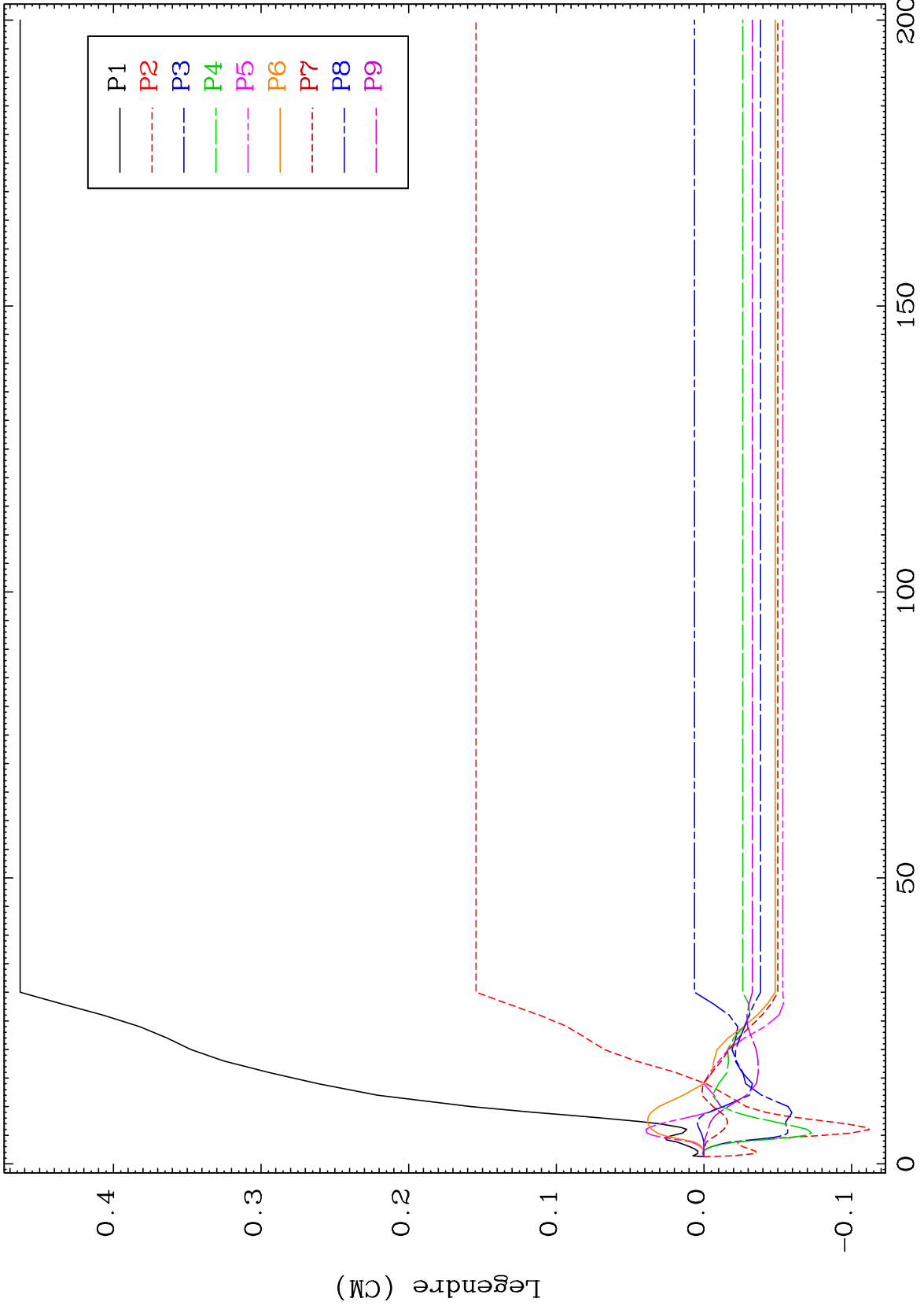
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



23

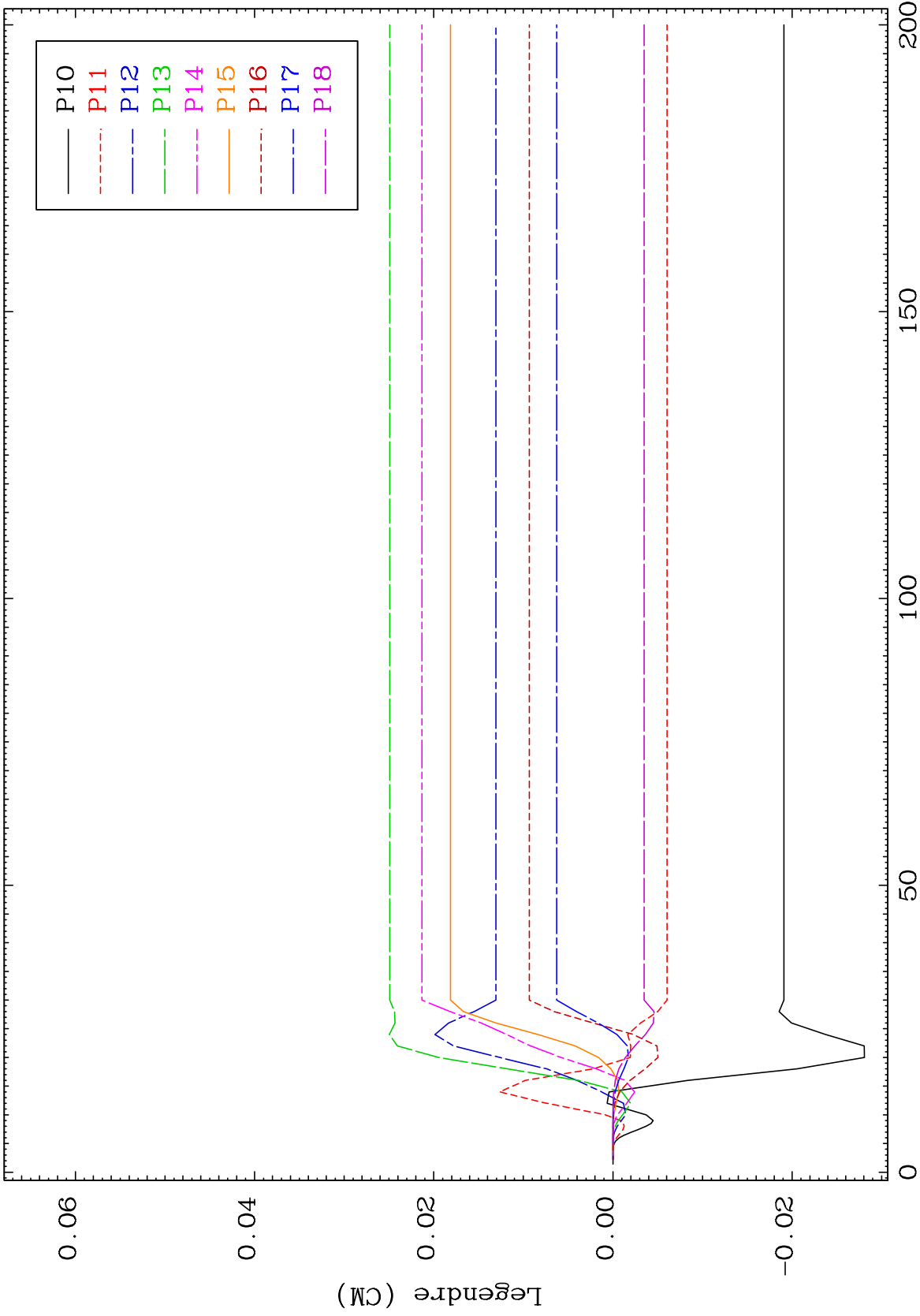
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



24

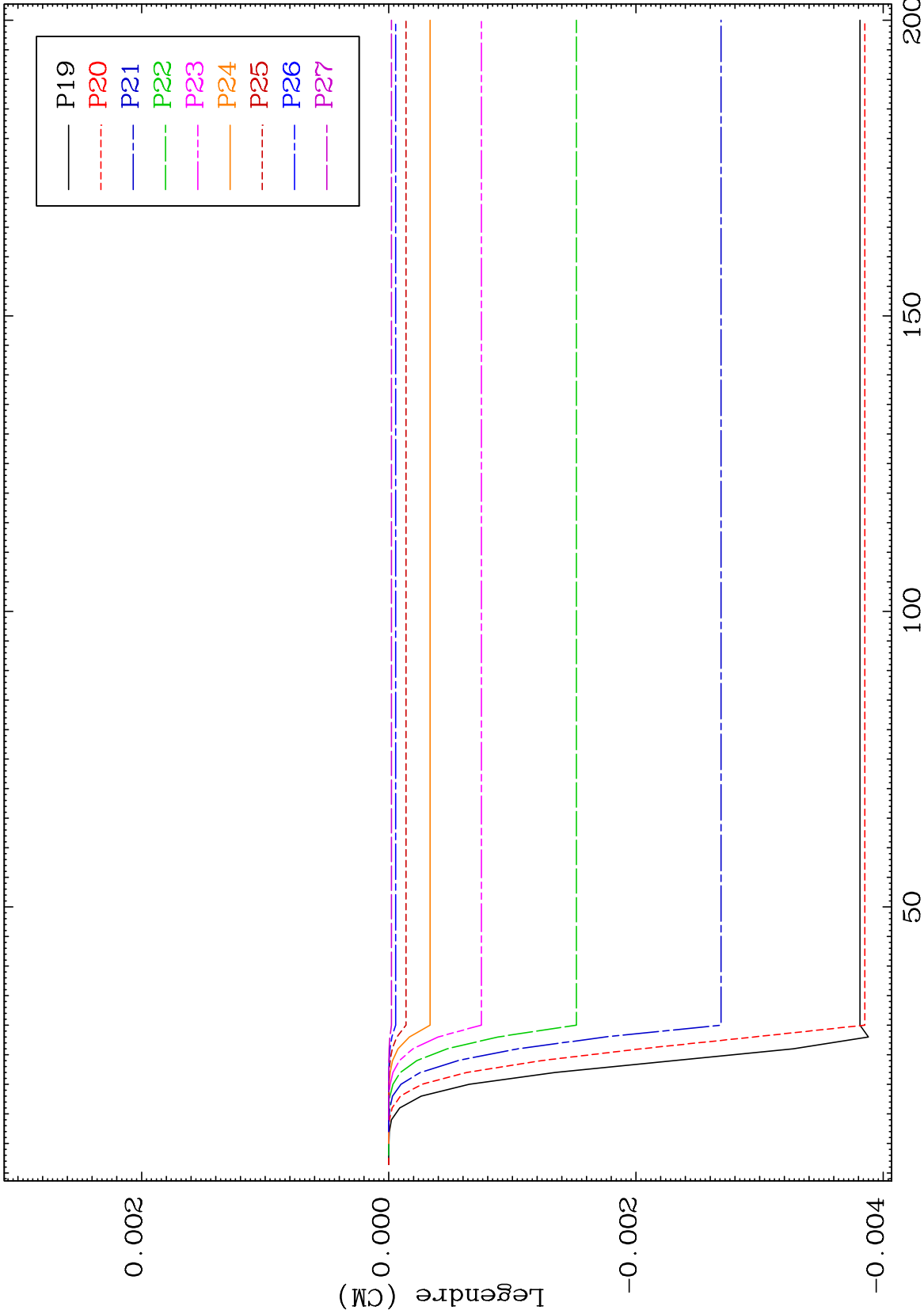
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



25

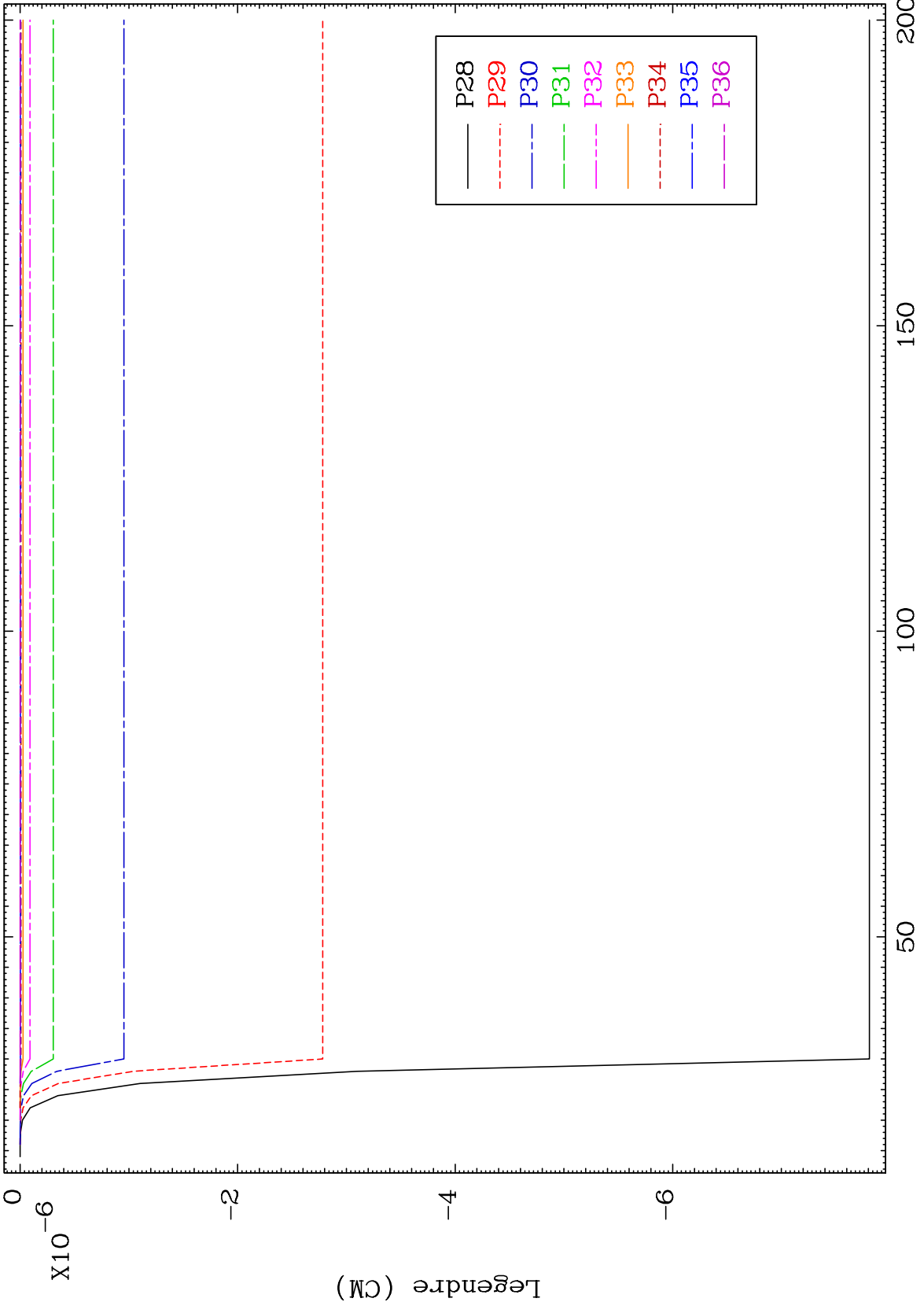
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



66-Dy-152

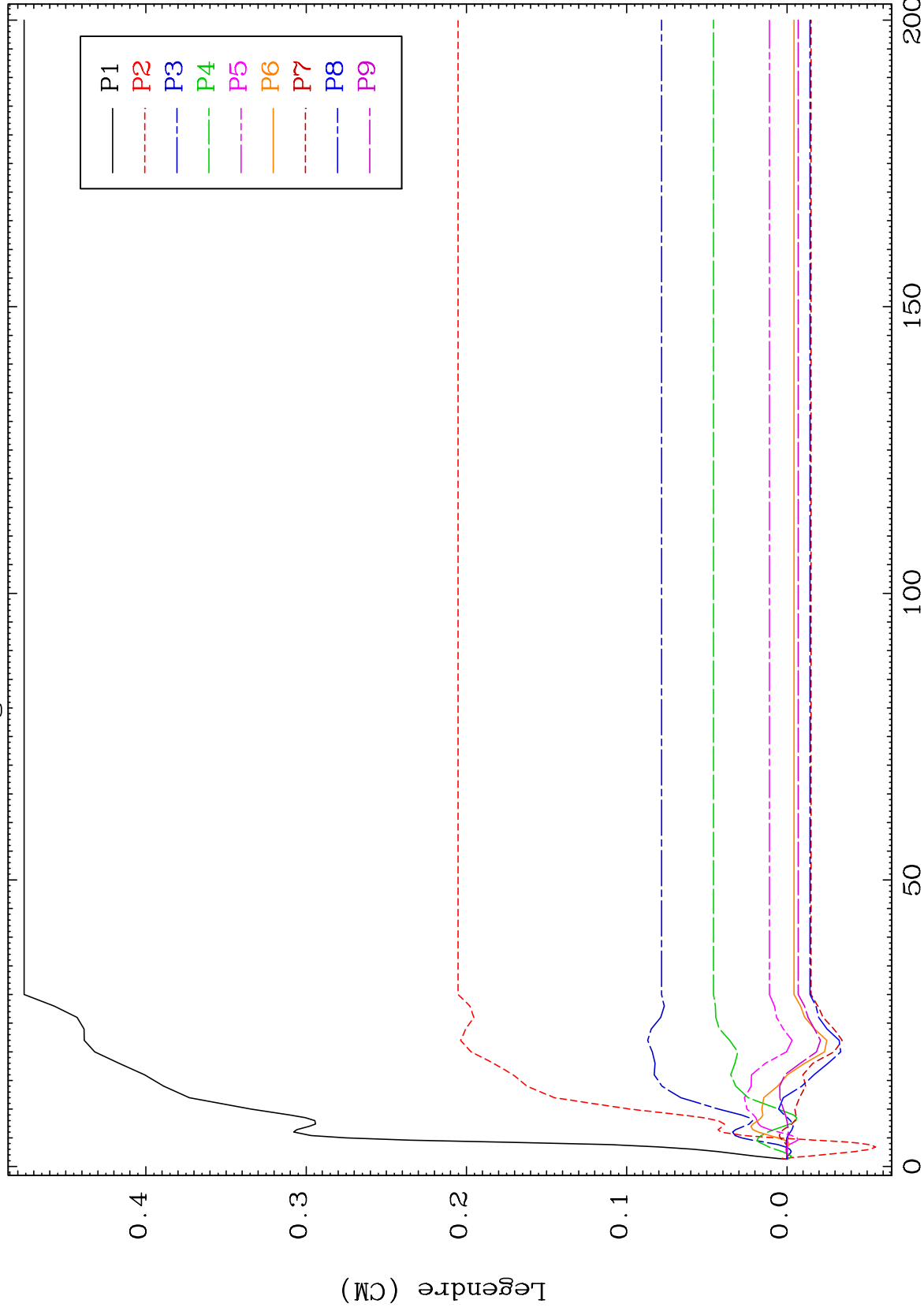
Incident Energy (MeV)

26

MAT 6613

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

66-Dy-152

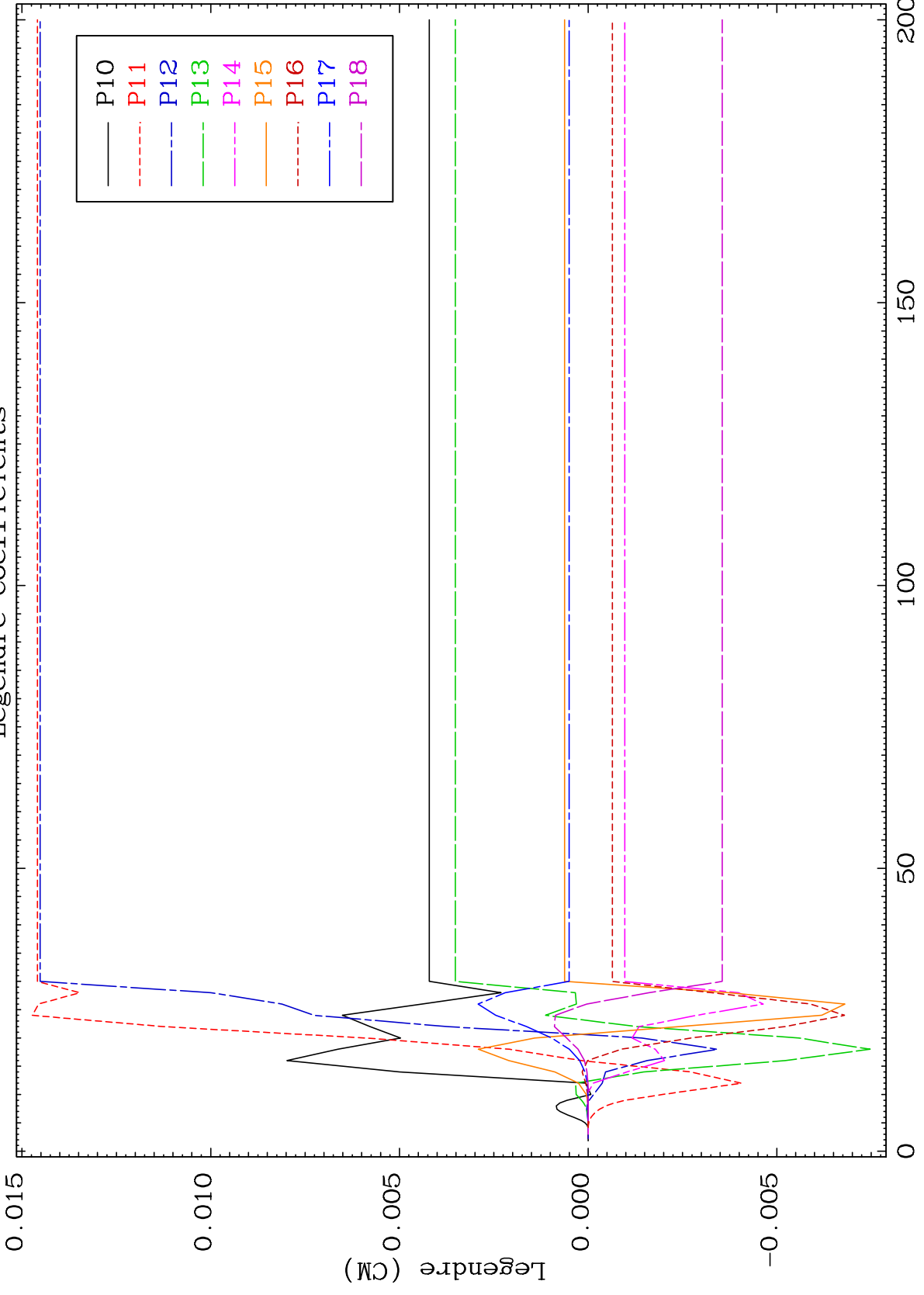


27

Incident Energy (MeV)

66-Dy-152

MAT 6613 MT= 53 (n,n') Level Legendre Coefficients 66-Dy-152

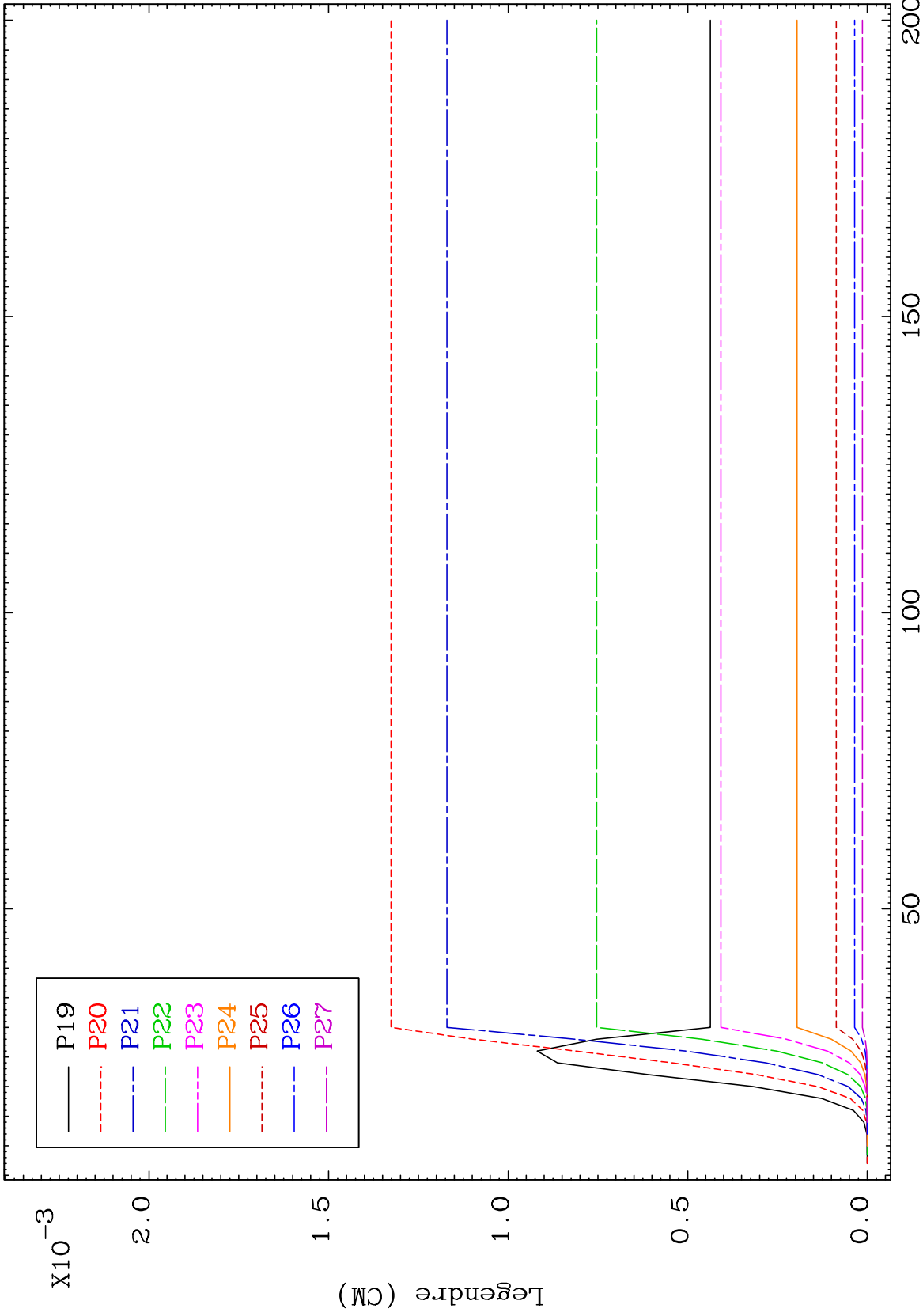


28 66-Dy-152

MAT 6613

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

66-Dy-152



29

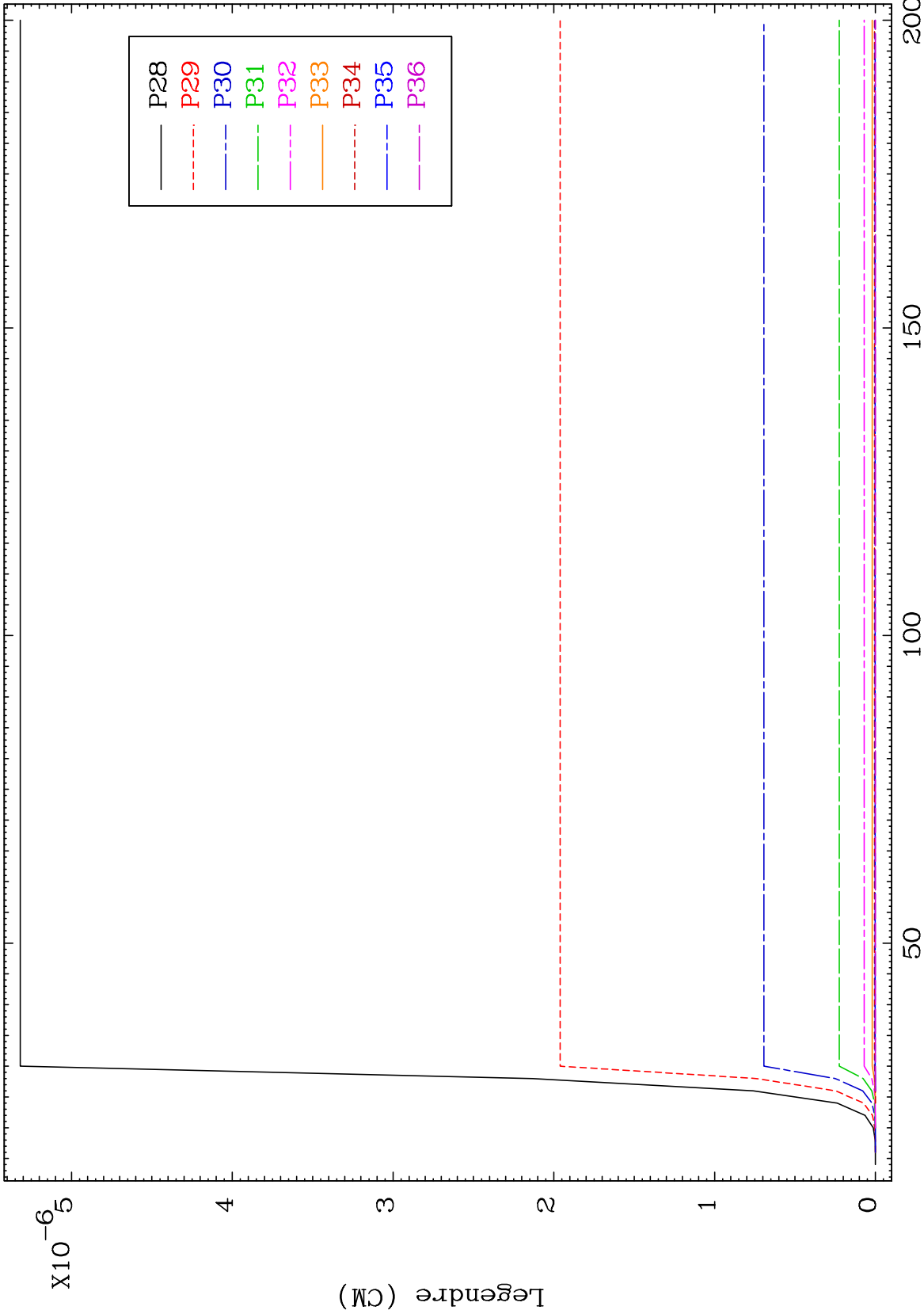
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



30

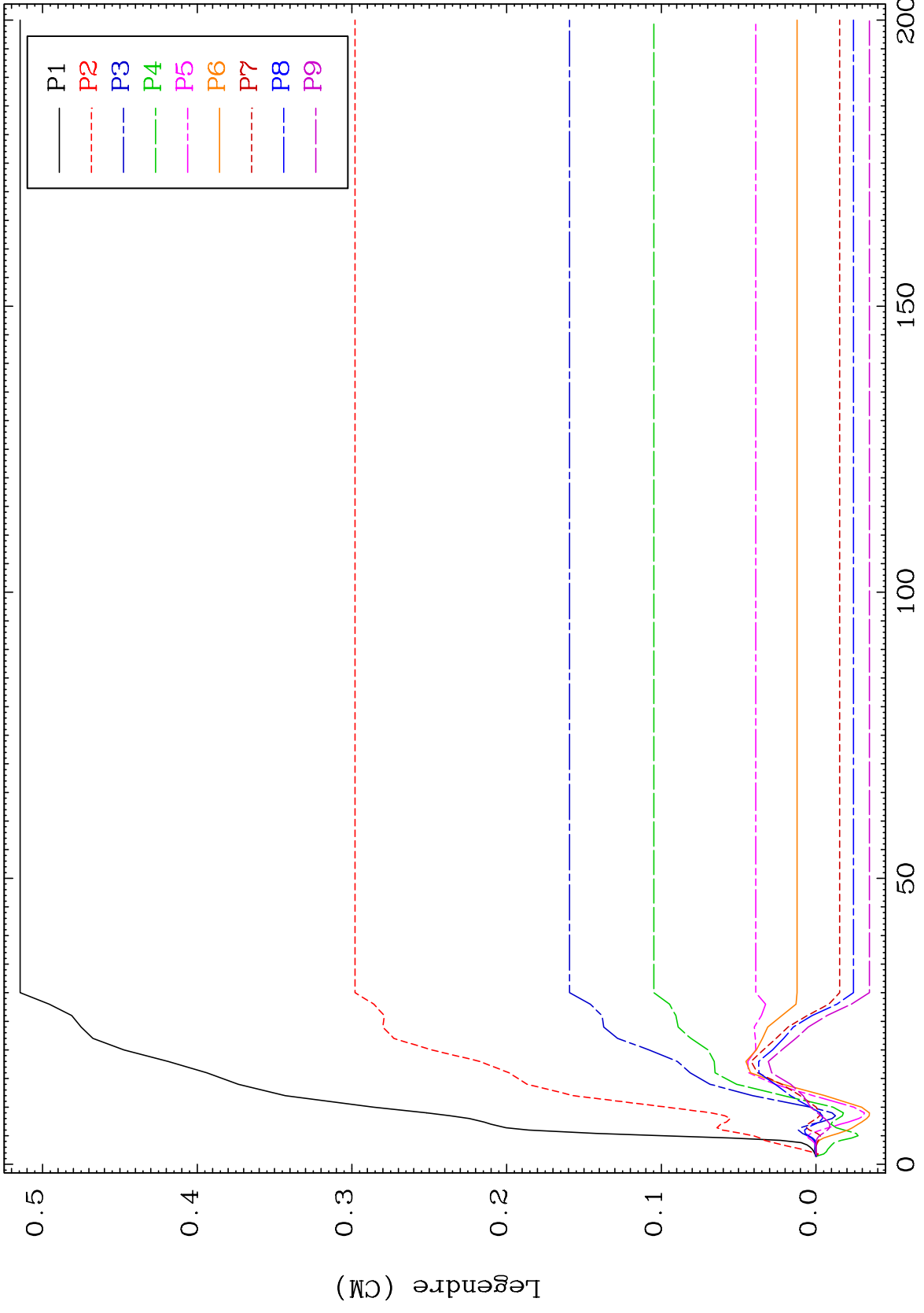
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



31

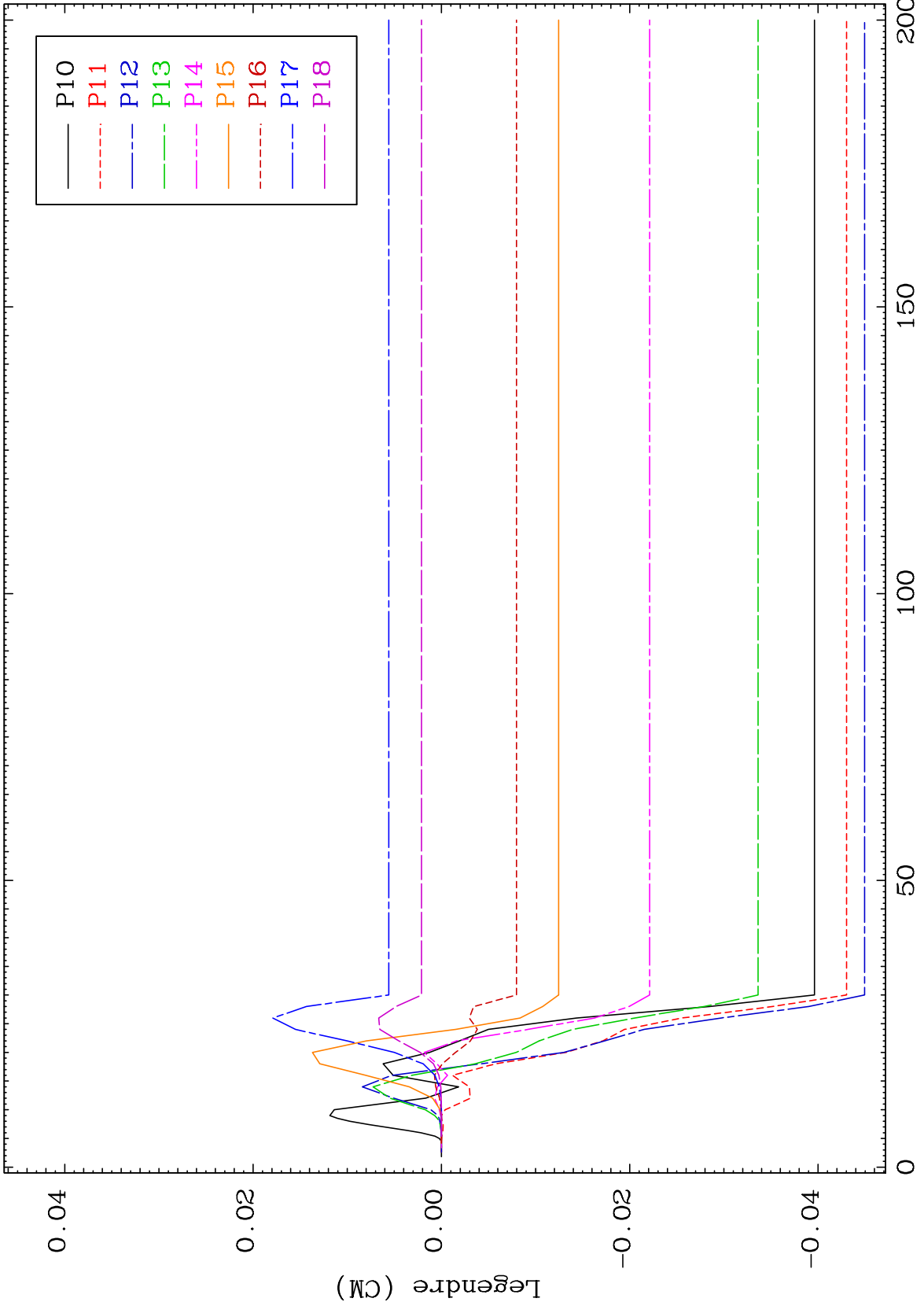
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



32

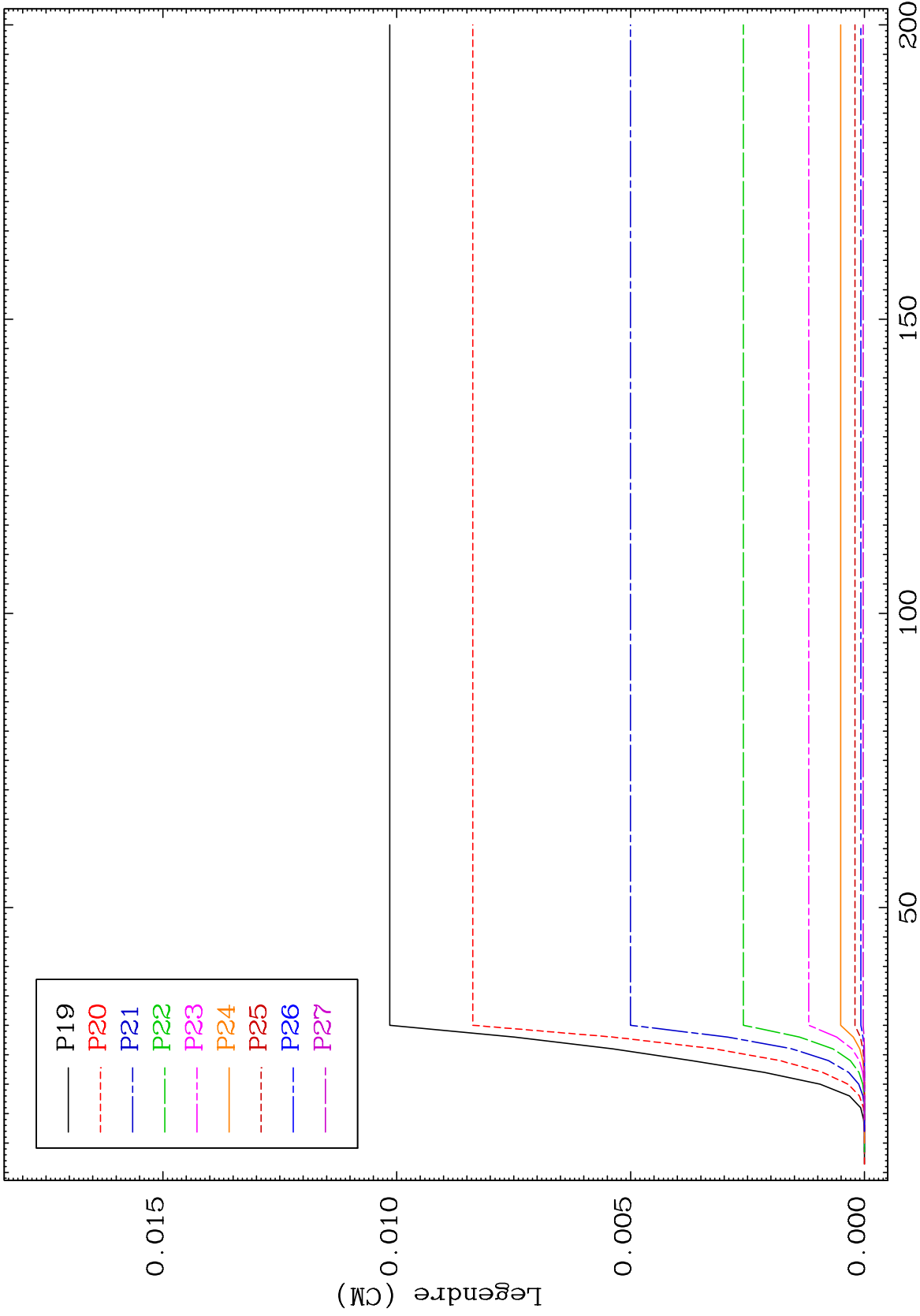
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



33

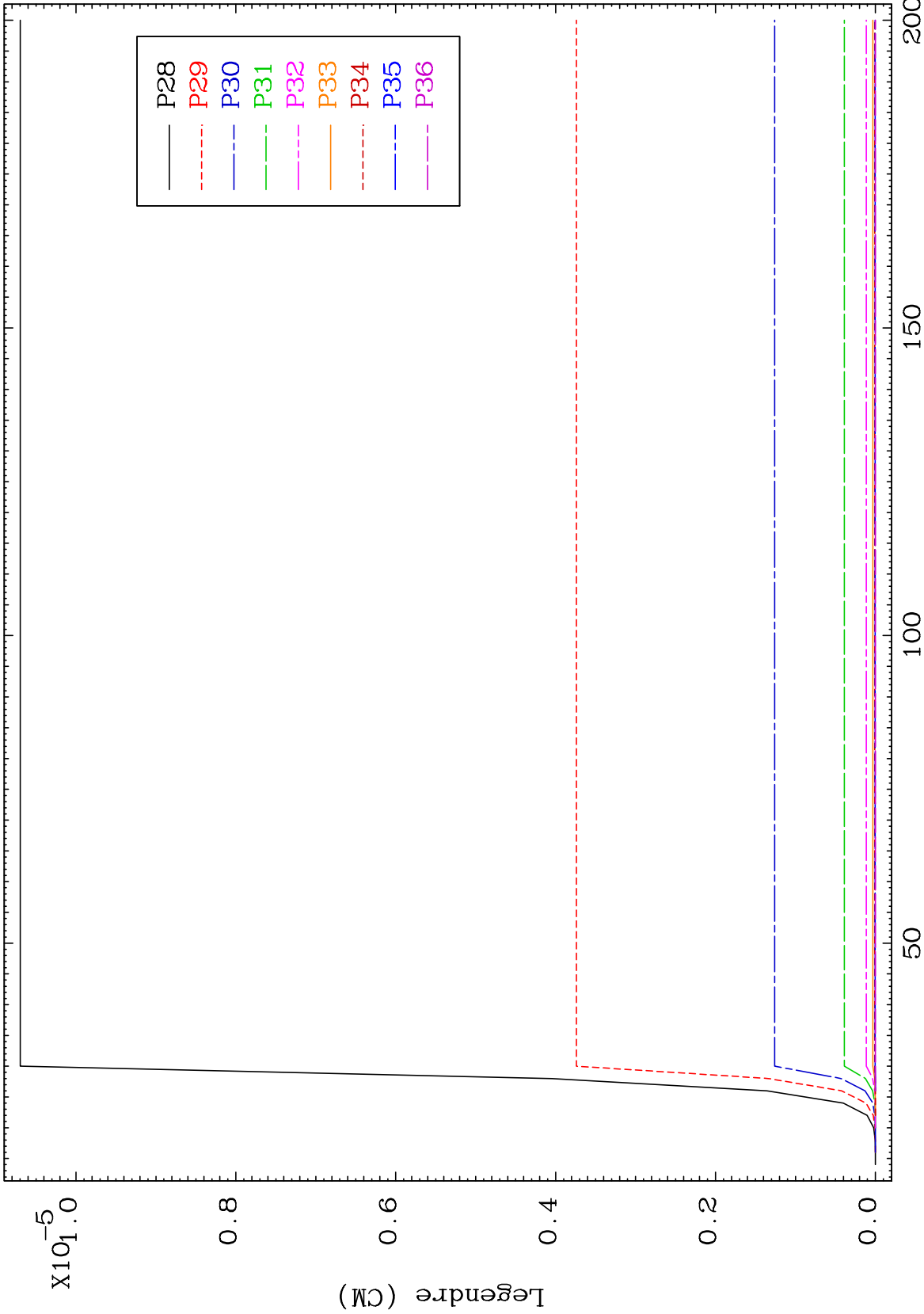
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



34

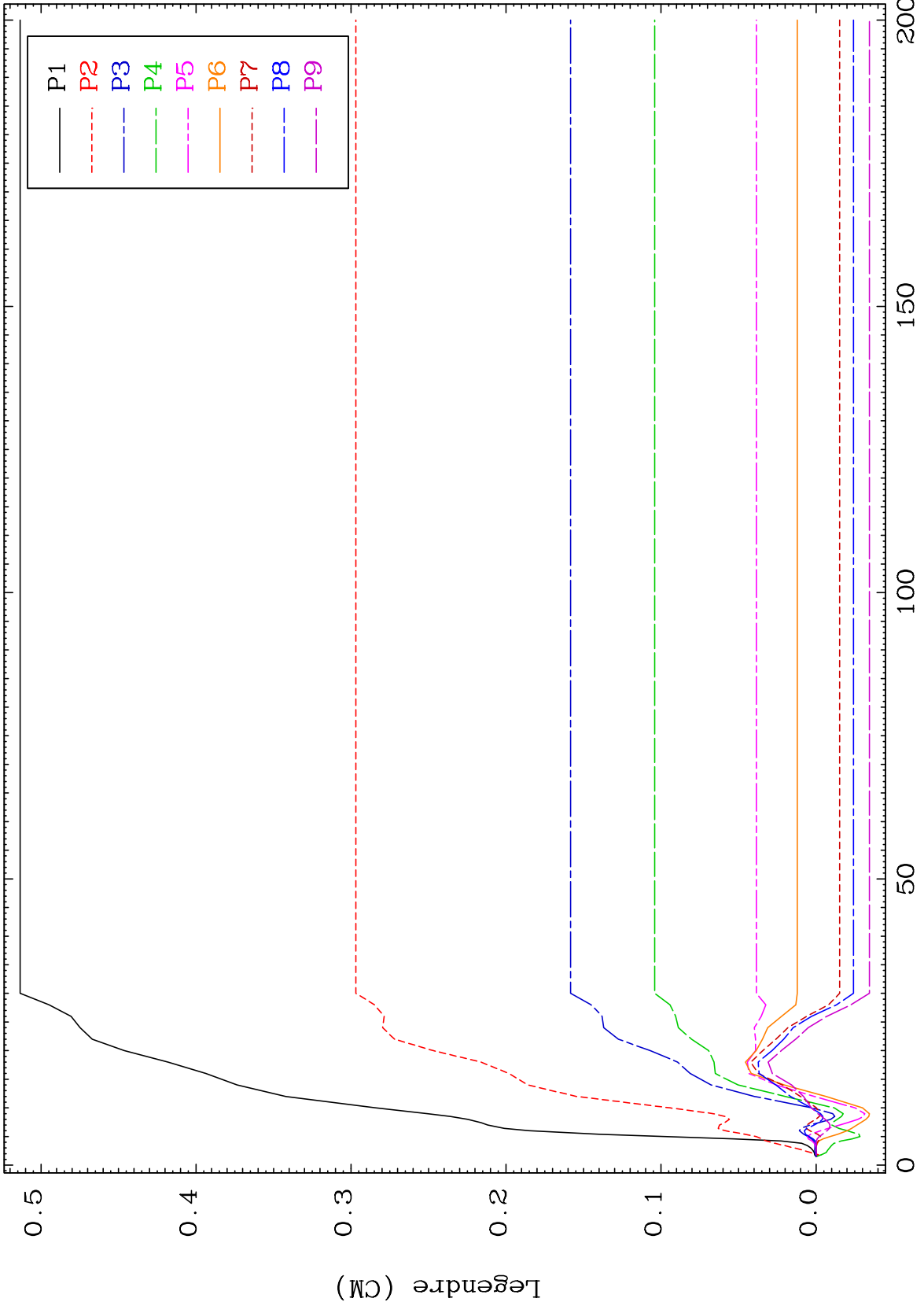
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



35

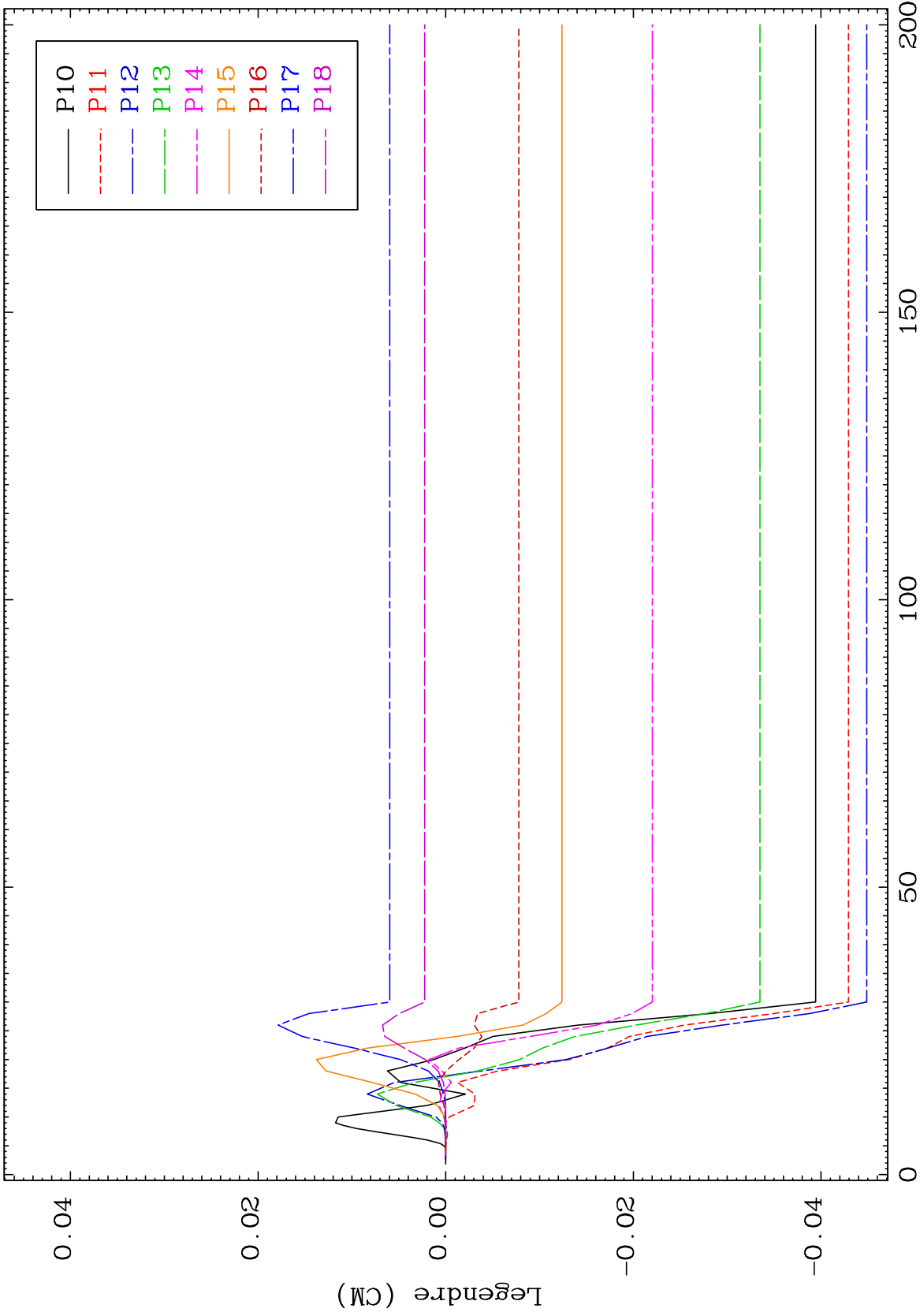
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



36

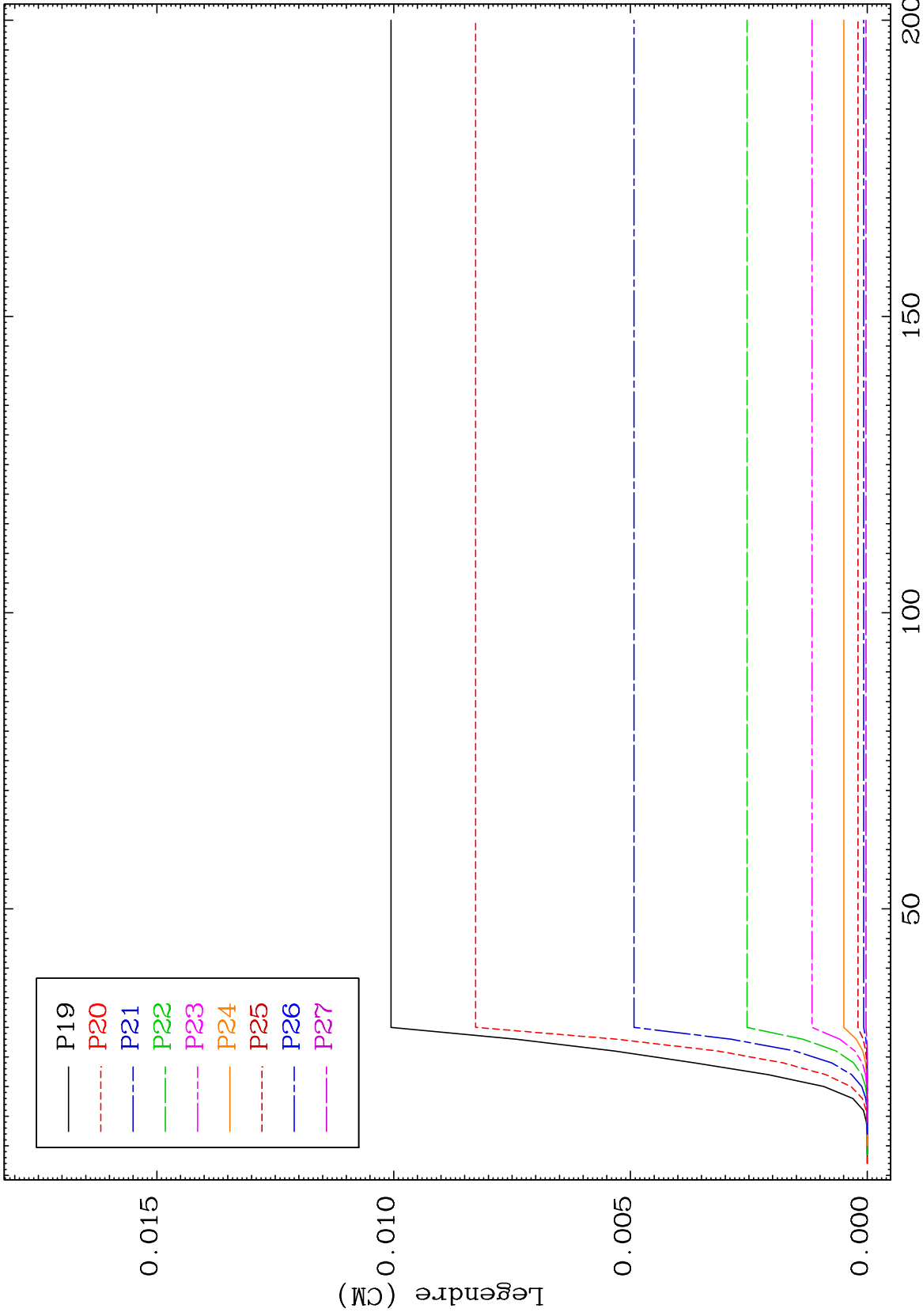
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



37

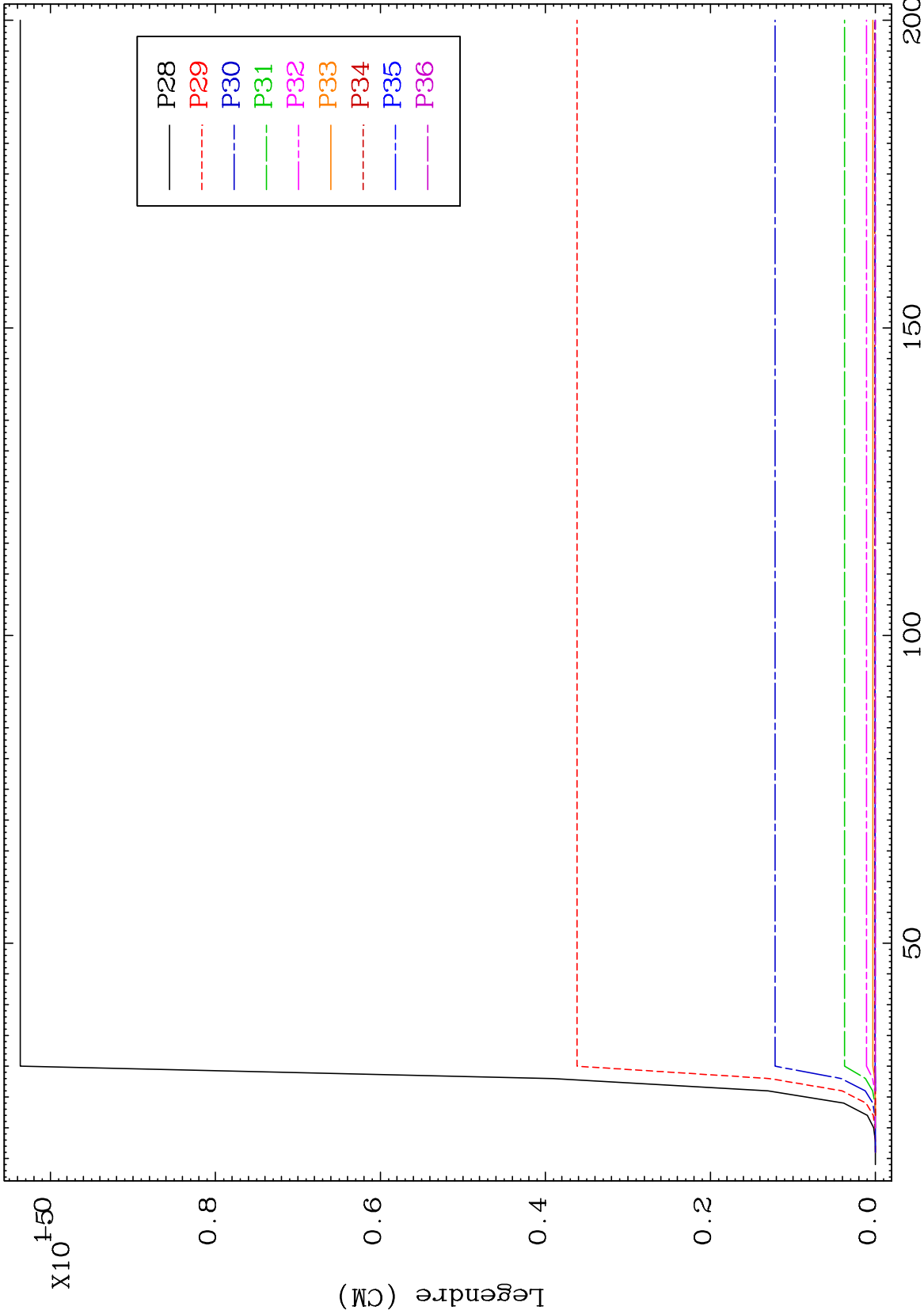
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

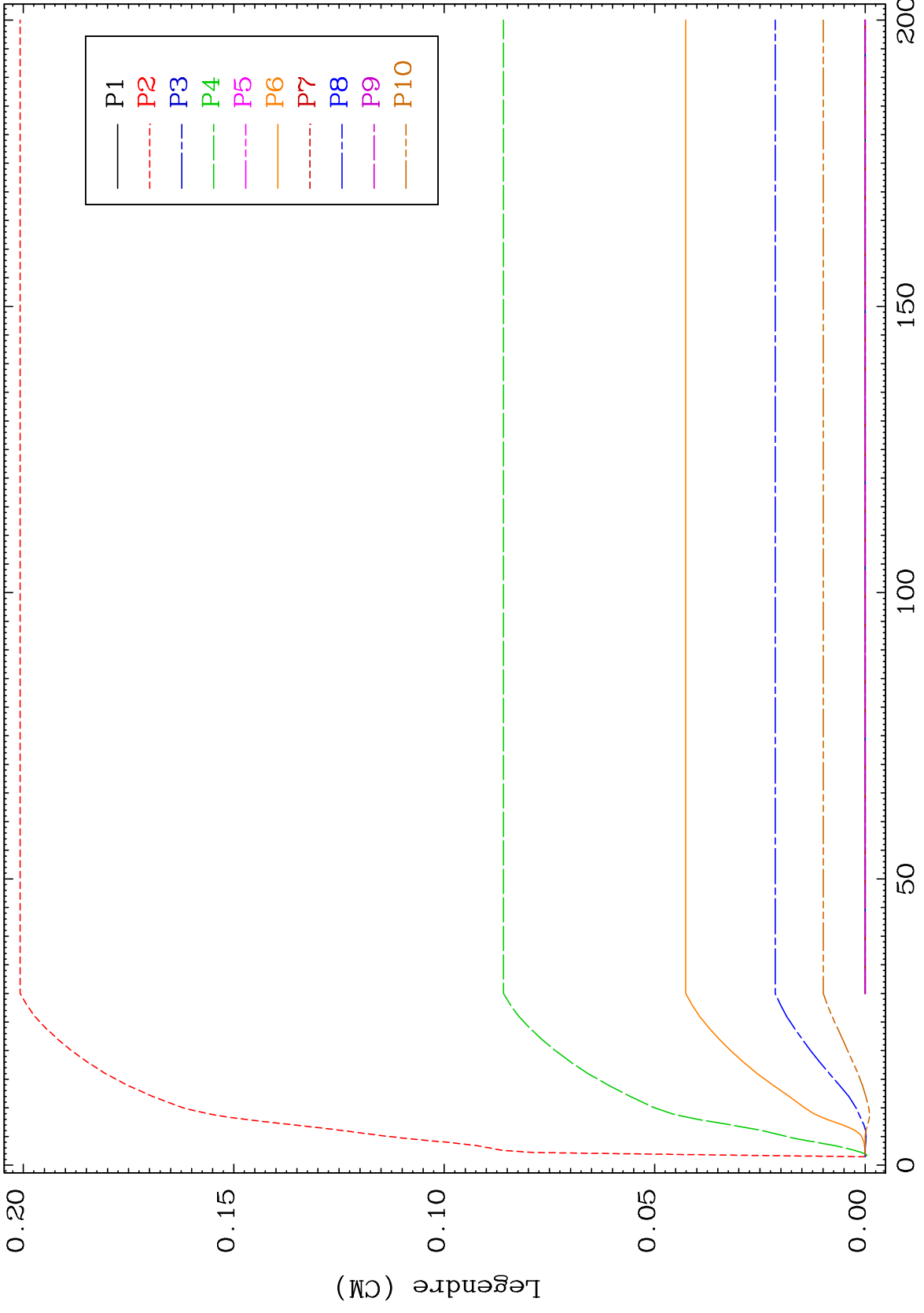
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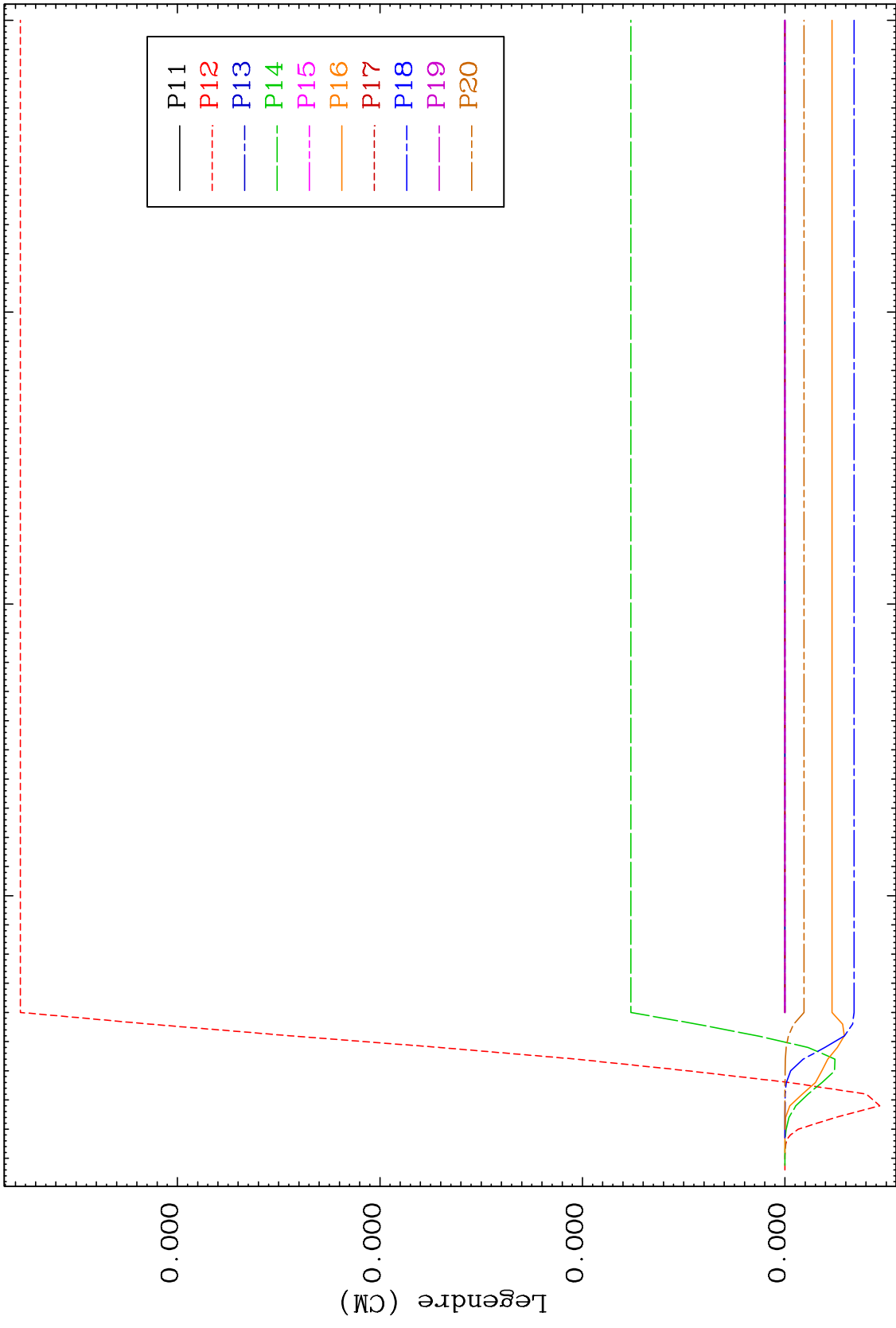
66-Dy-152

MAT 6613 MT= 56 (n,n') Level Legendre Coefficients 66-Dy-152



39 Incident Energy (MeV) 66-Dy-152

MAT 6613 MT= 56 (n,n') Level Legendre Coefficients 66-Dy-152

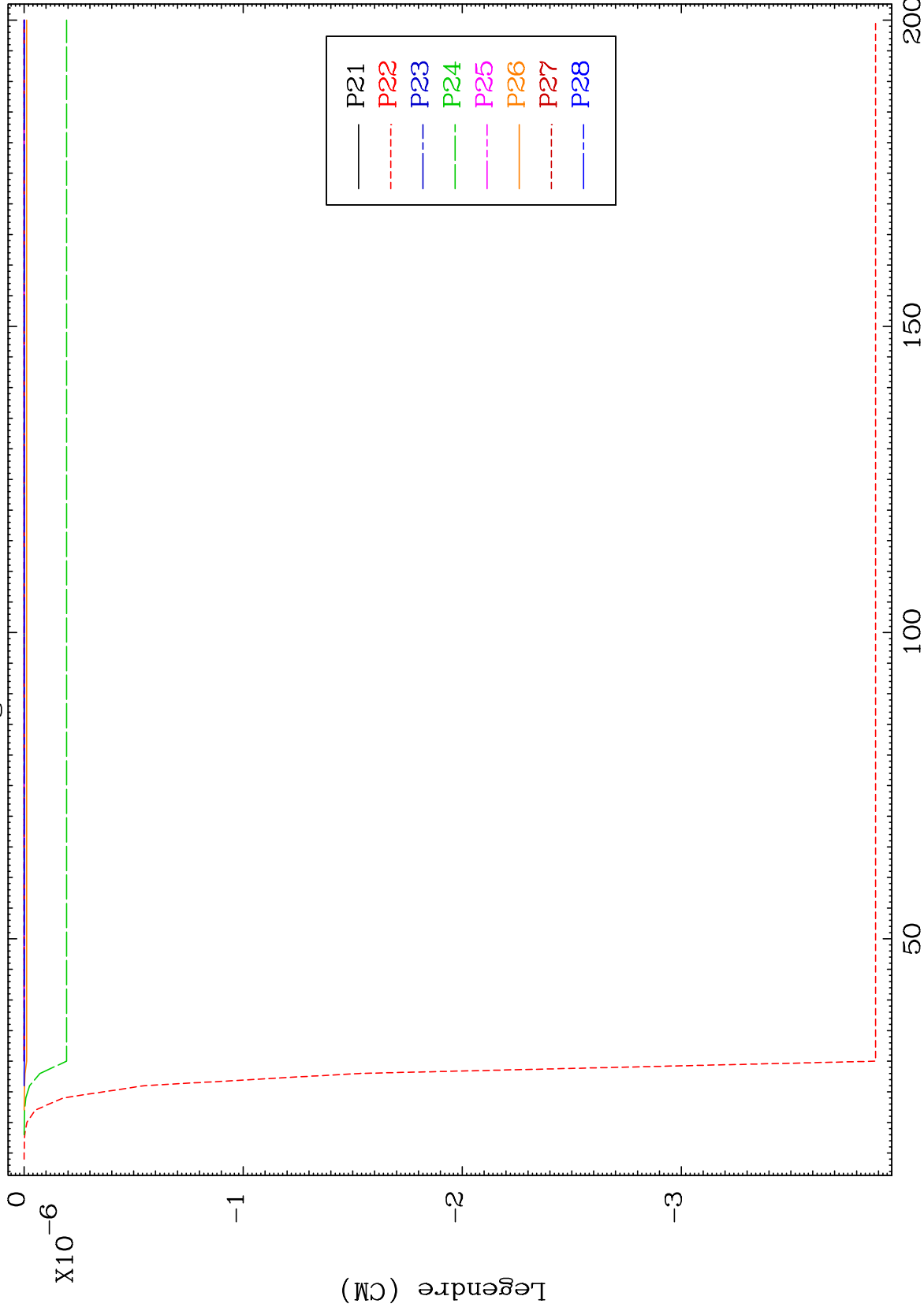


40 Incident Energy (MeV) 66-Dy-152

MAT 6613

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

66-Dy-152



41

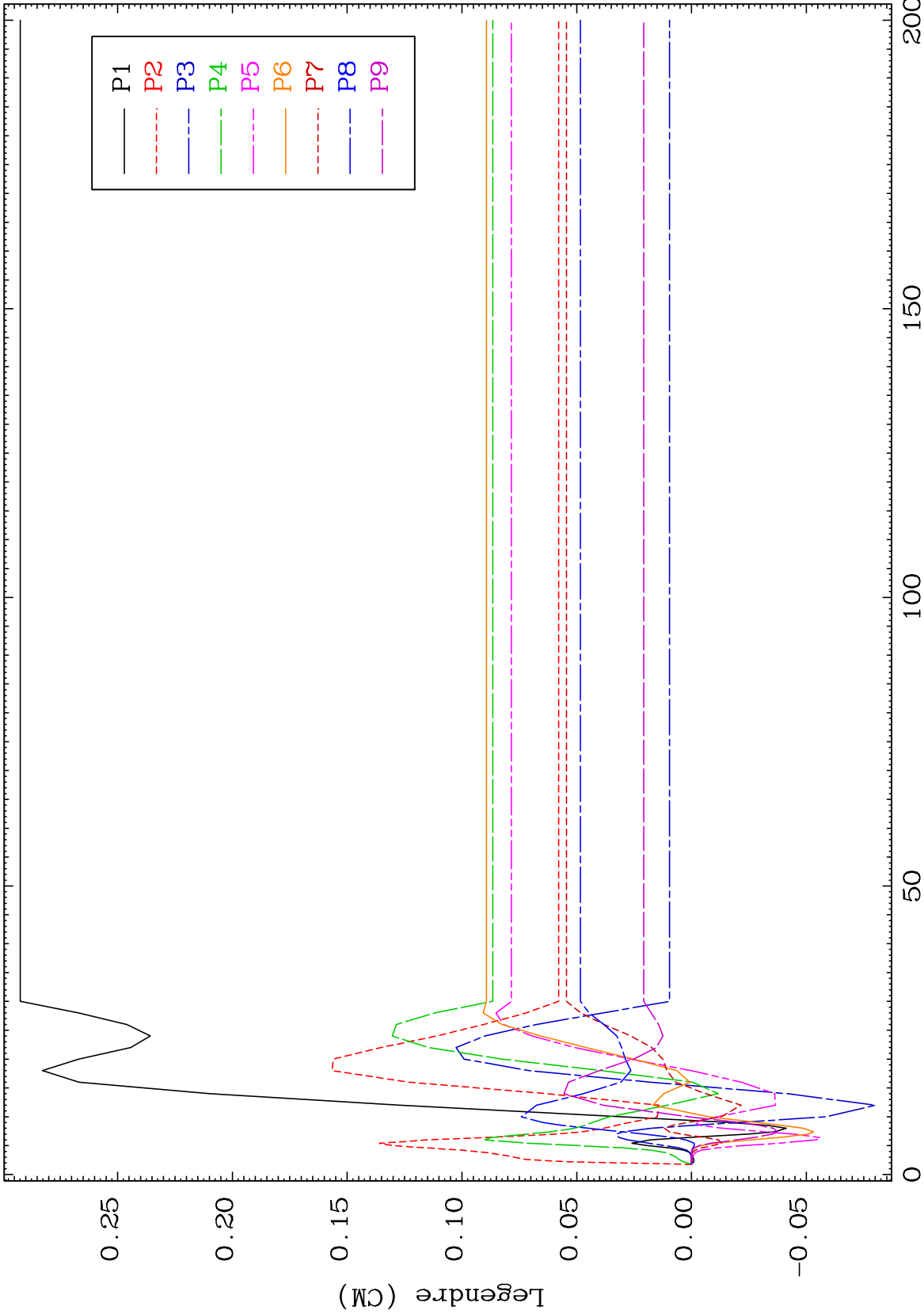
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



42

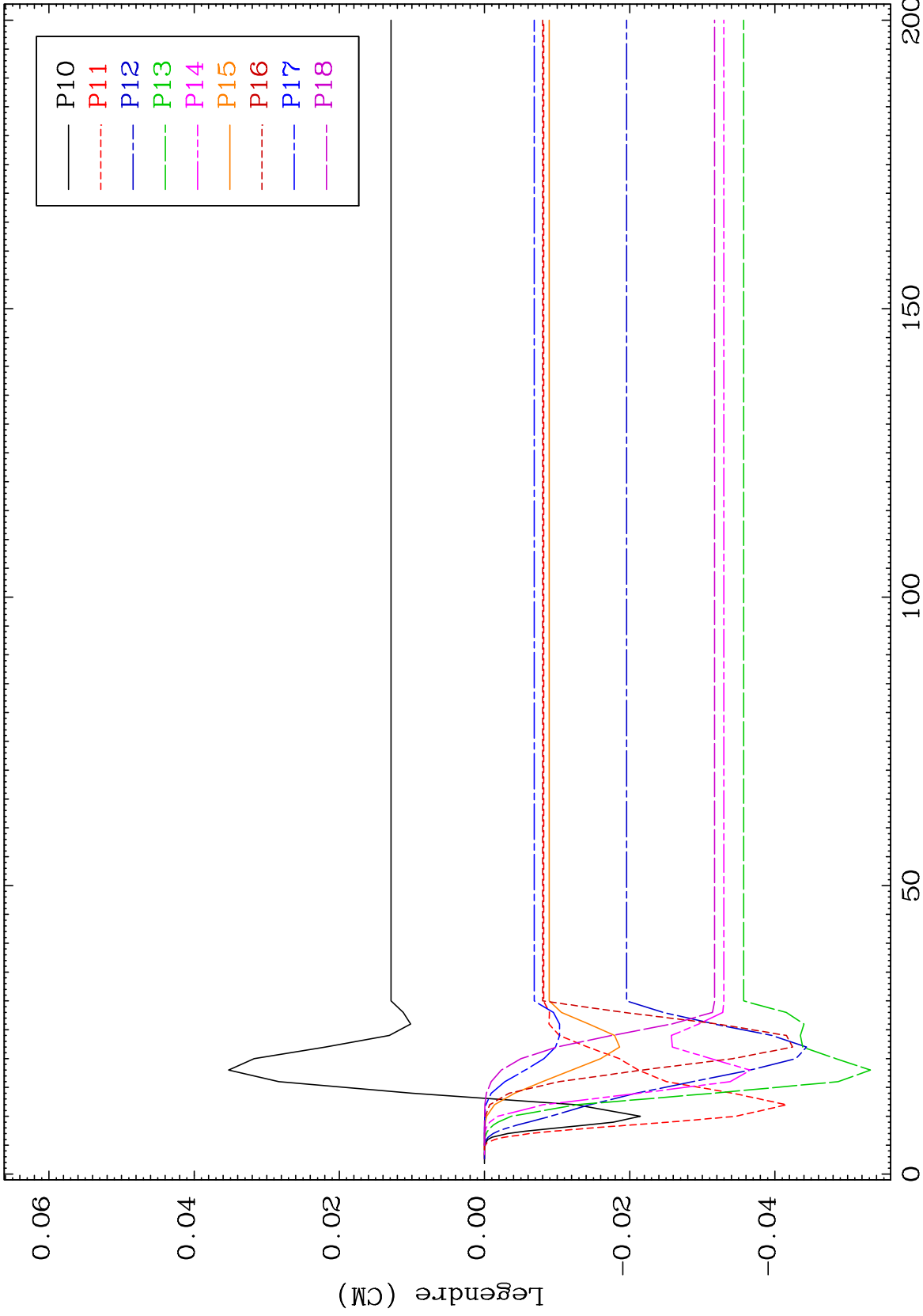
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



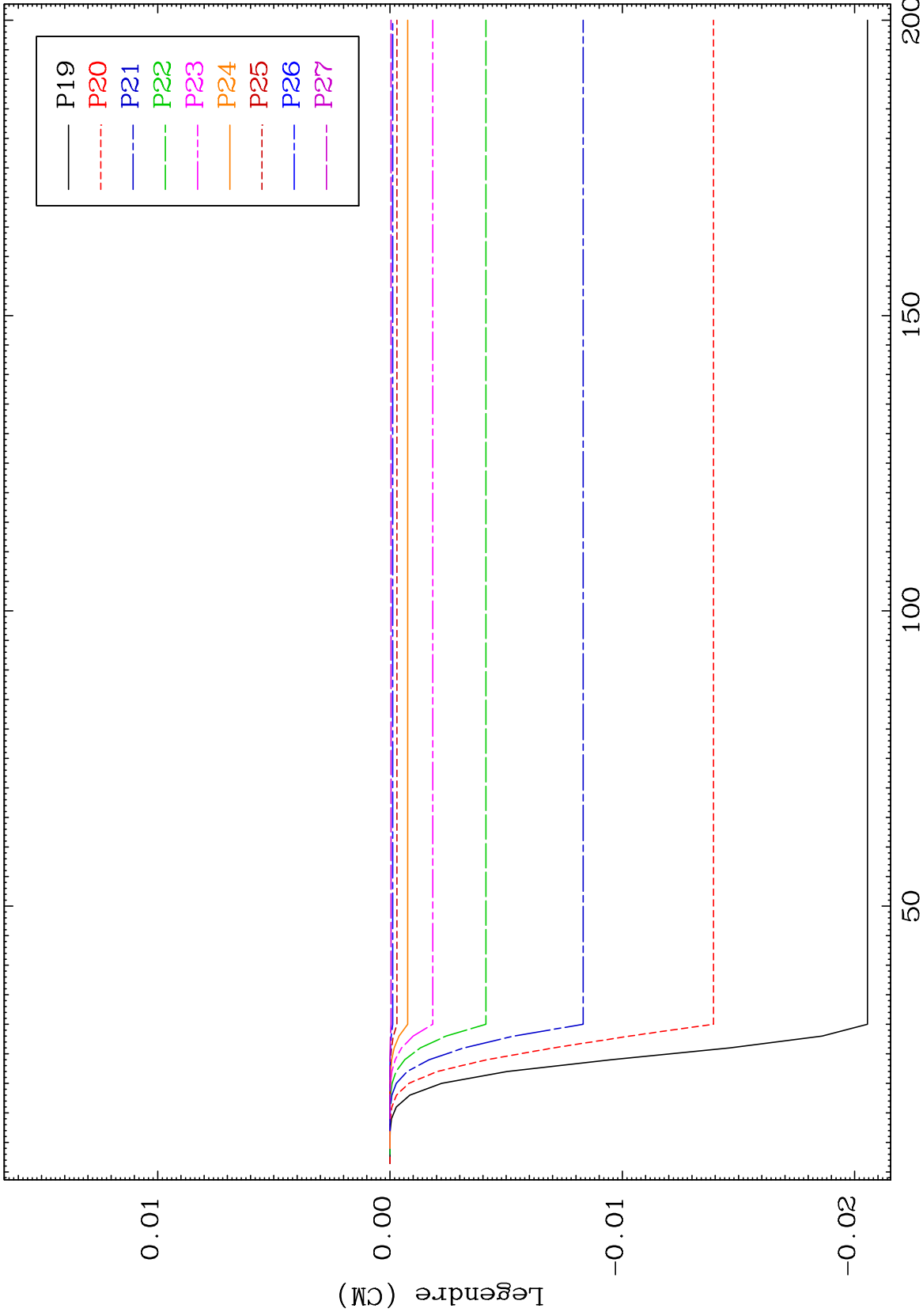
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66-Dy-152

MAT 6613

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

66-Dy-152



44

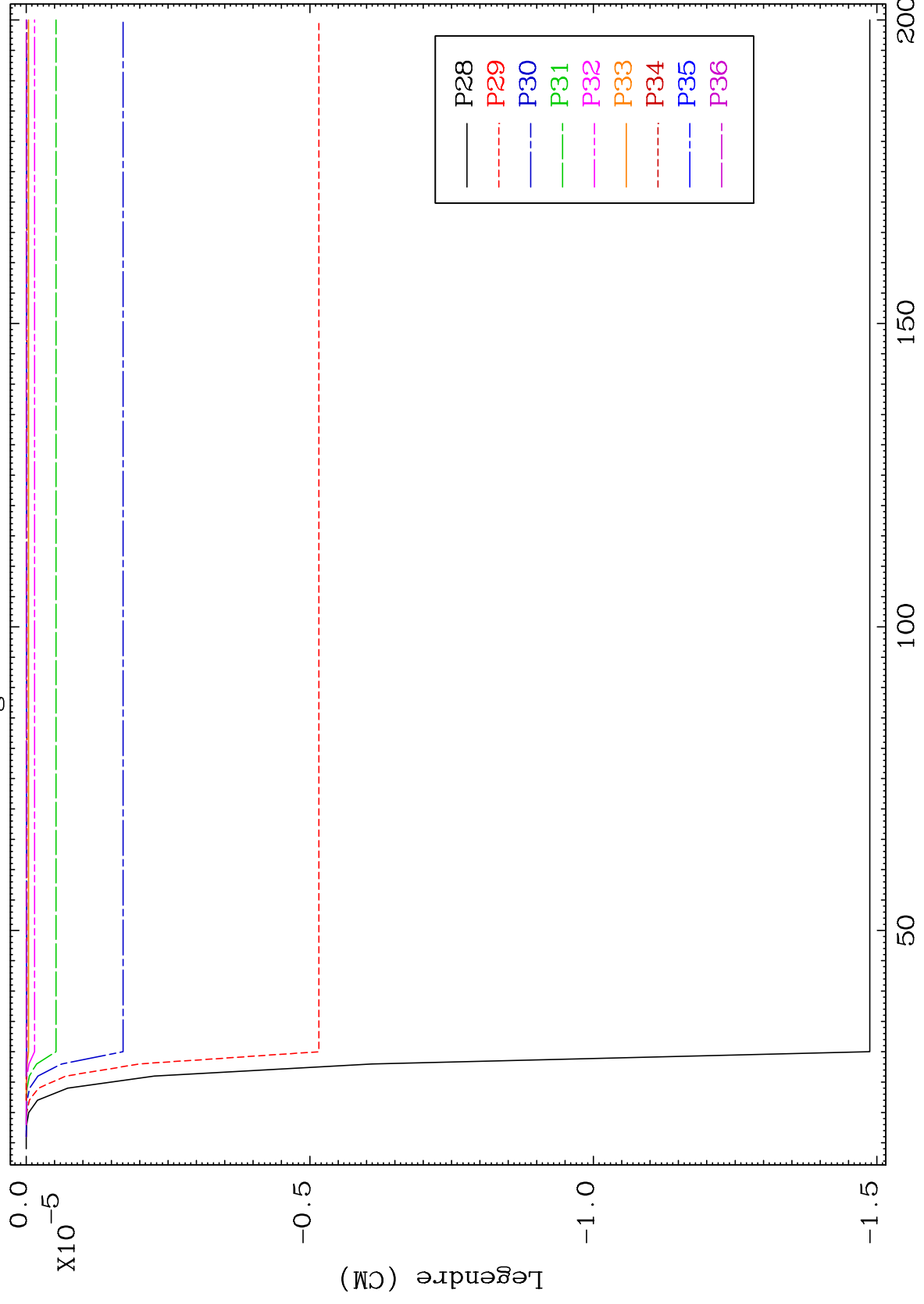
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



66-Dy-152

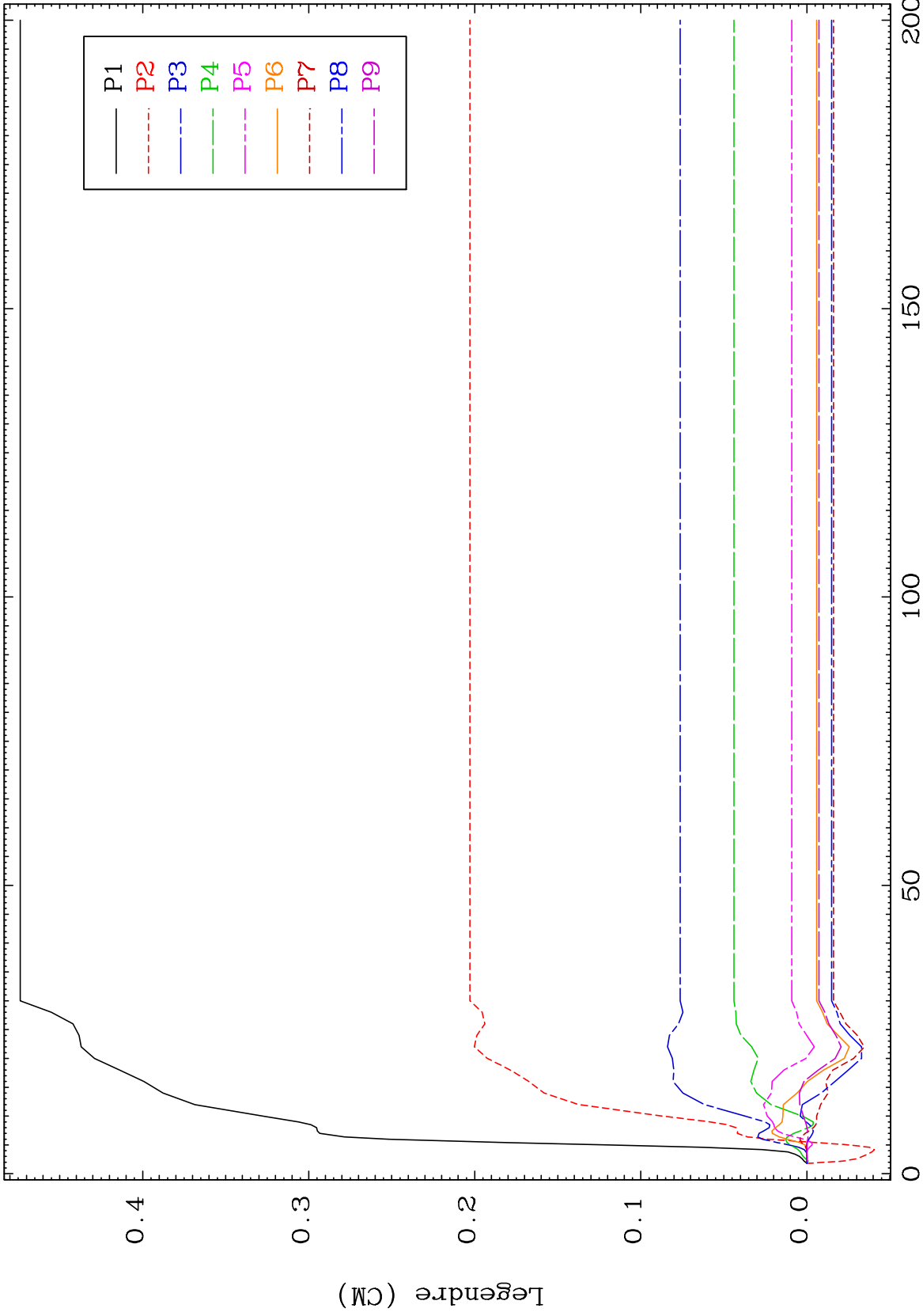
Incident Energy (MeV)

45

MAT 6613

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

66-Dy-152

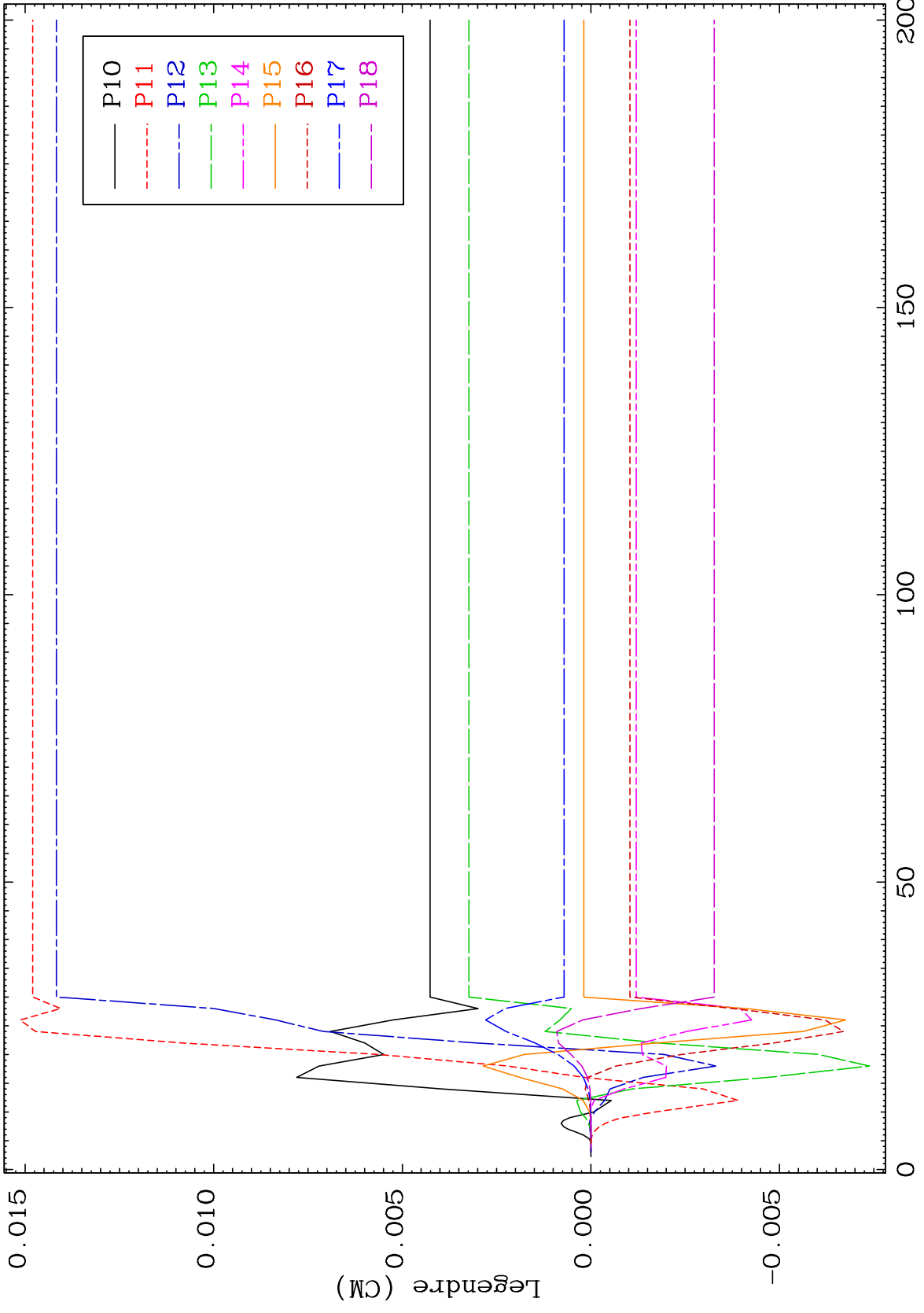


46

Incident Energy (MeV)

66-Dy-152

MAT 6613 MT= 58 (n,n') Level Legendre Coefficients 66-Dy-152

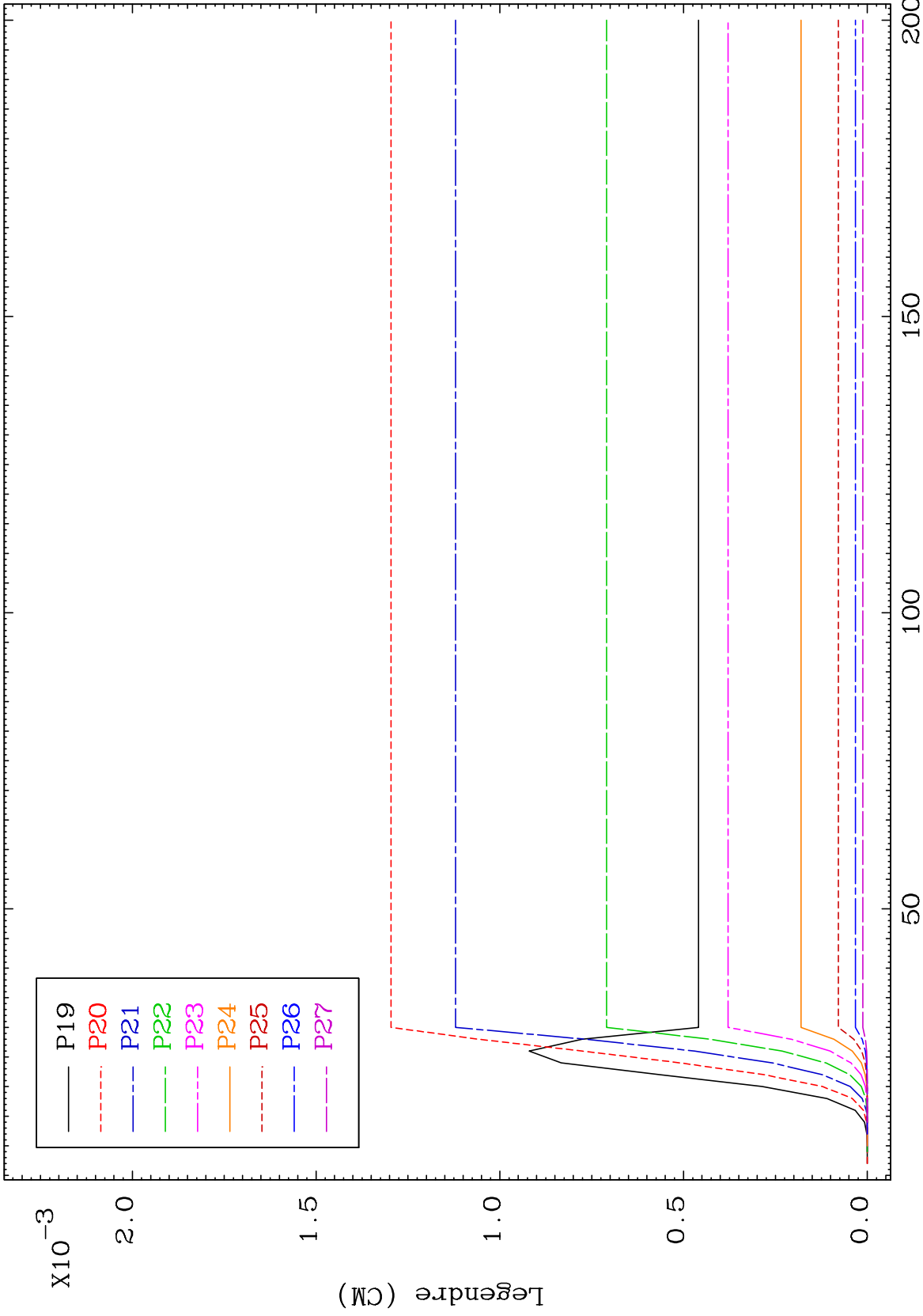


47 66-Dy-152

MAT 6613

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

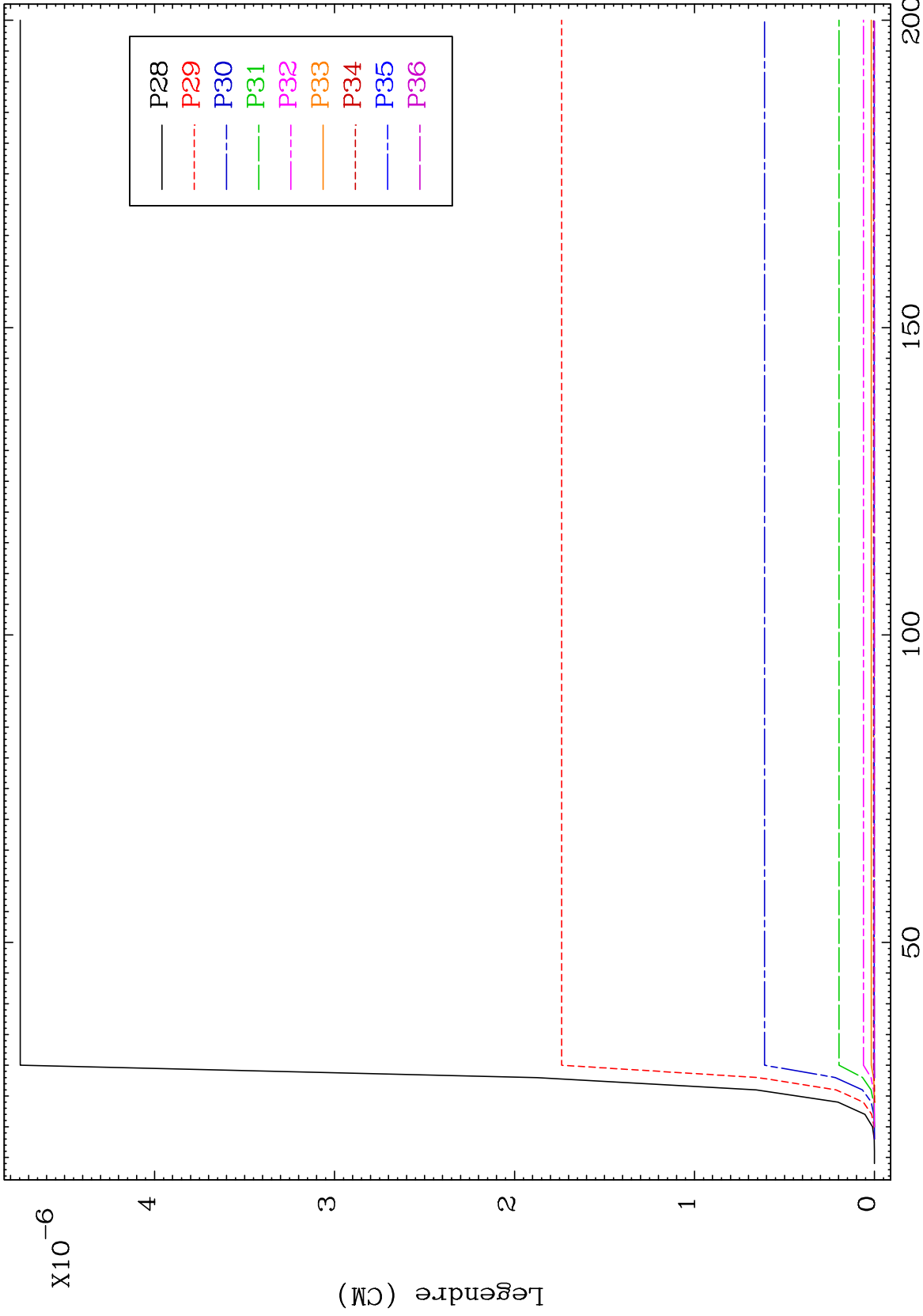
66-Dy-152



MAT 6613

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

66-Dy-152



49

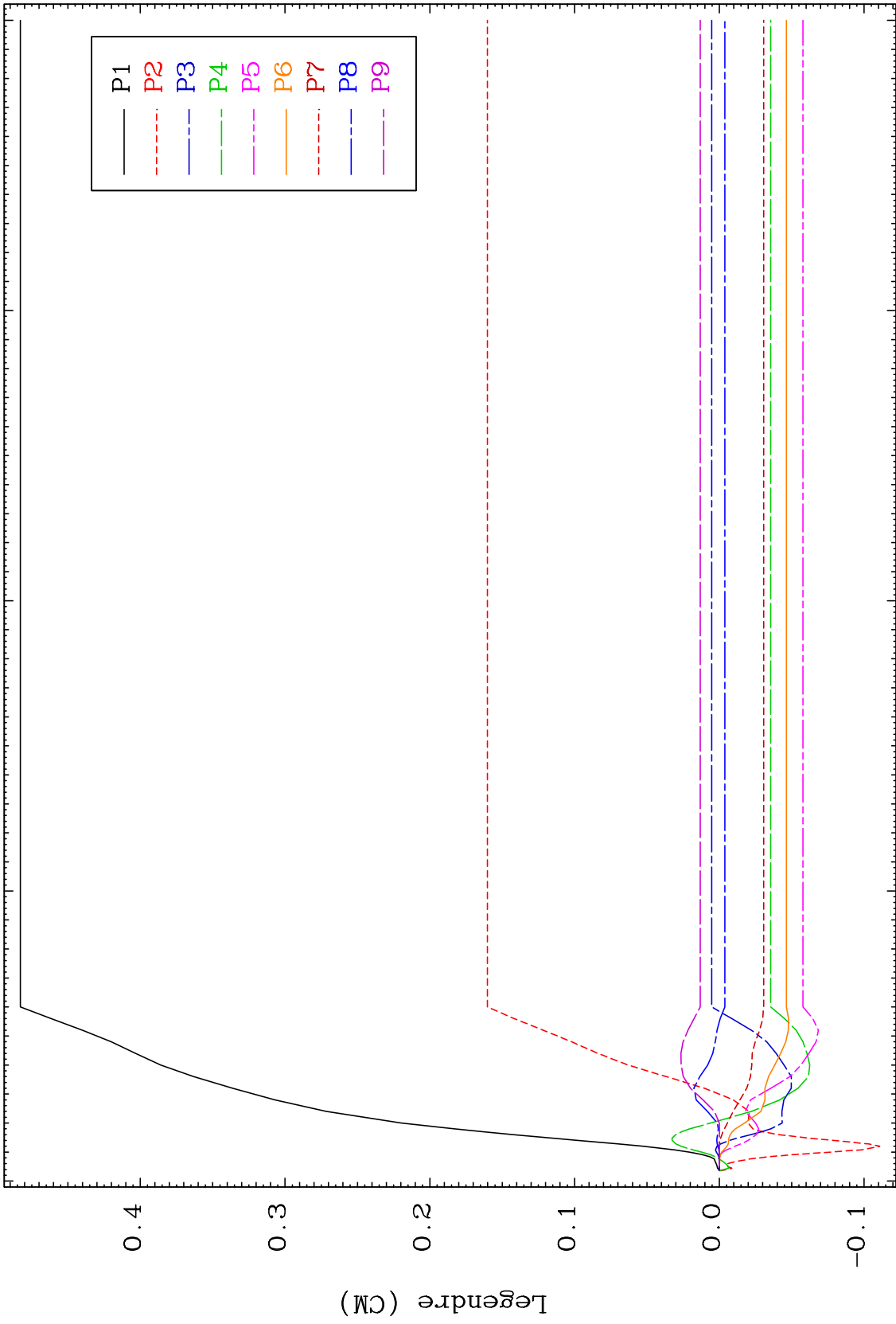
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



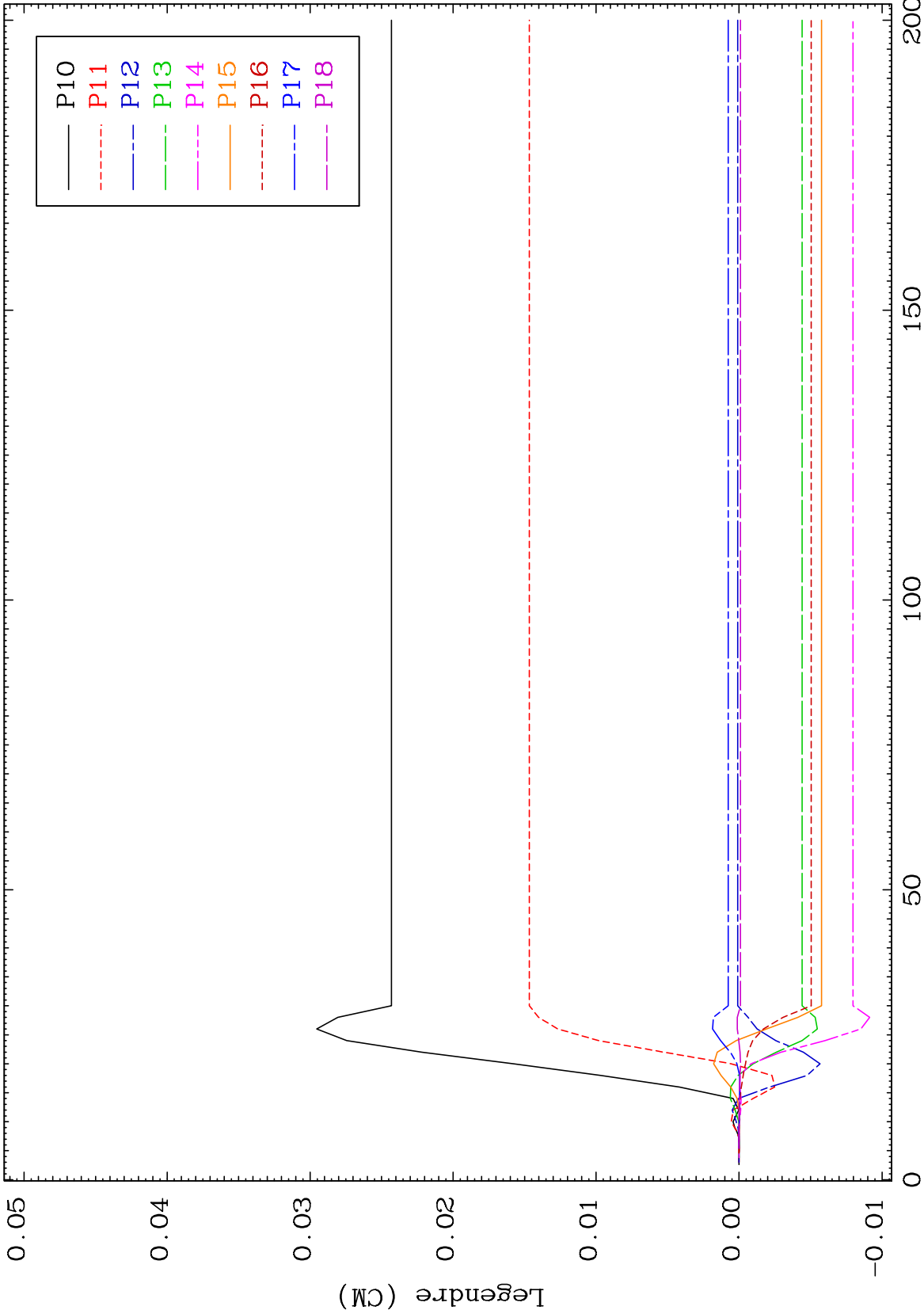
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



51

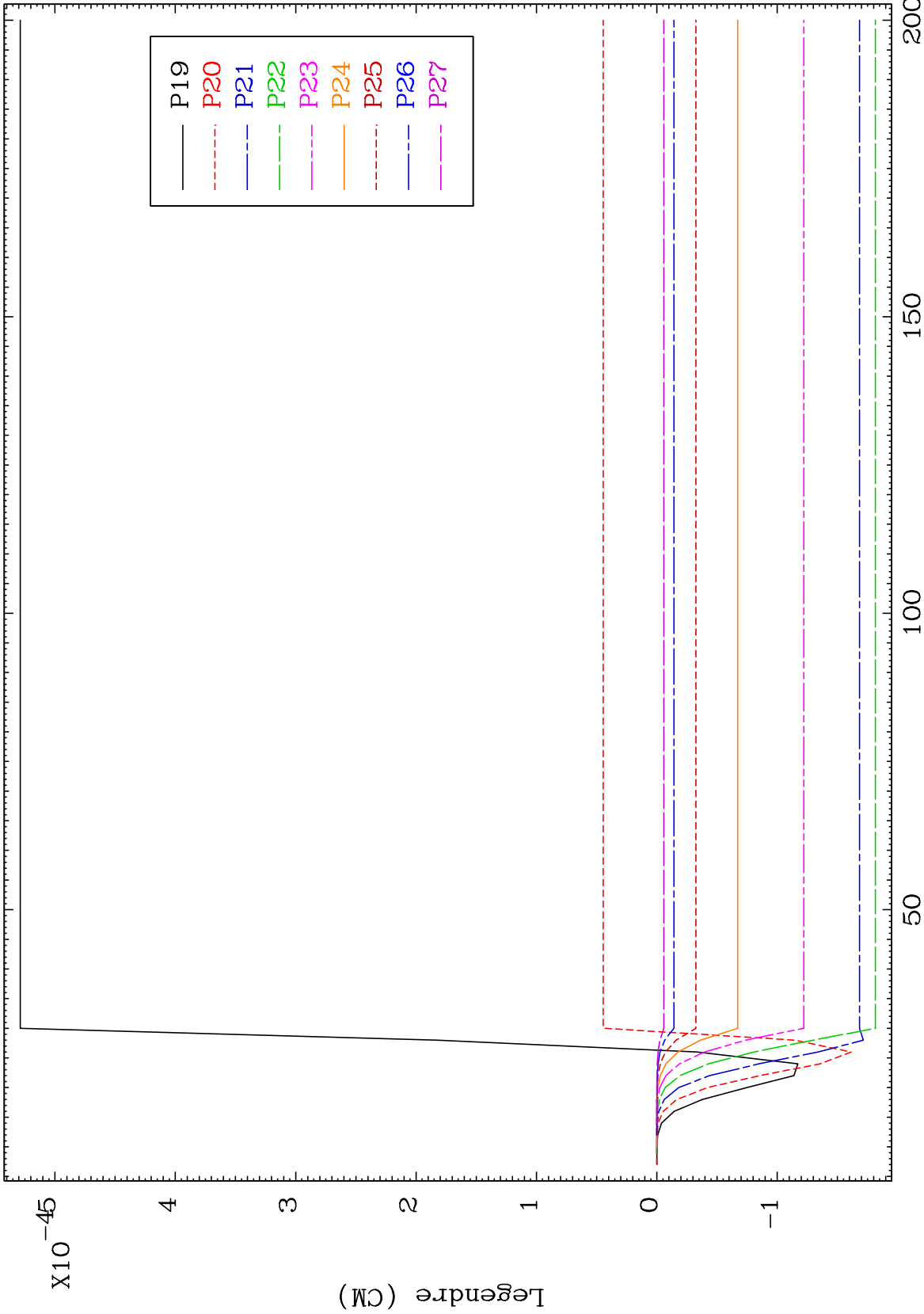
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



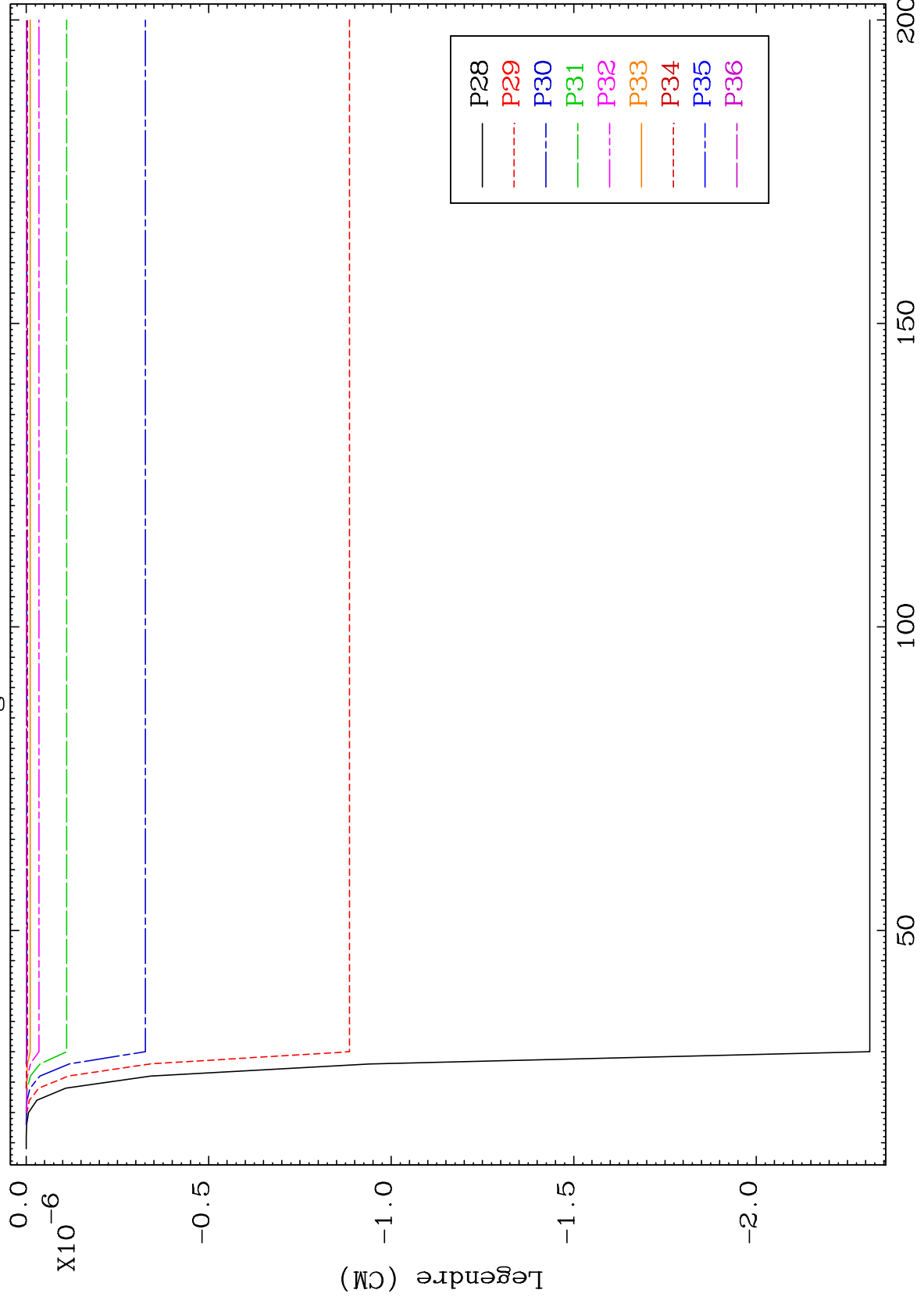
52

66-Dy-152

MAT 6613

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

66-Dy-152



66-Dy-152

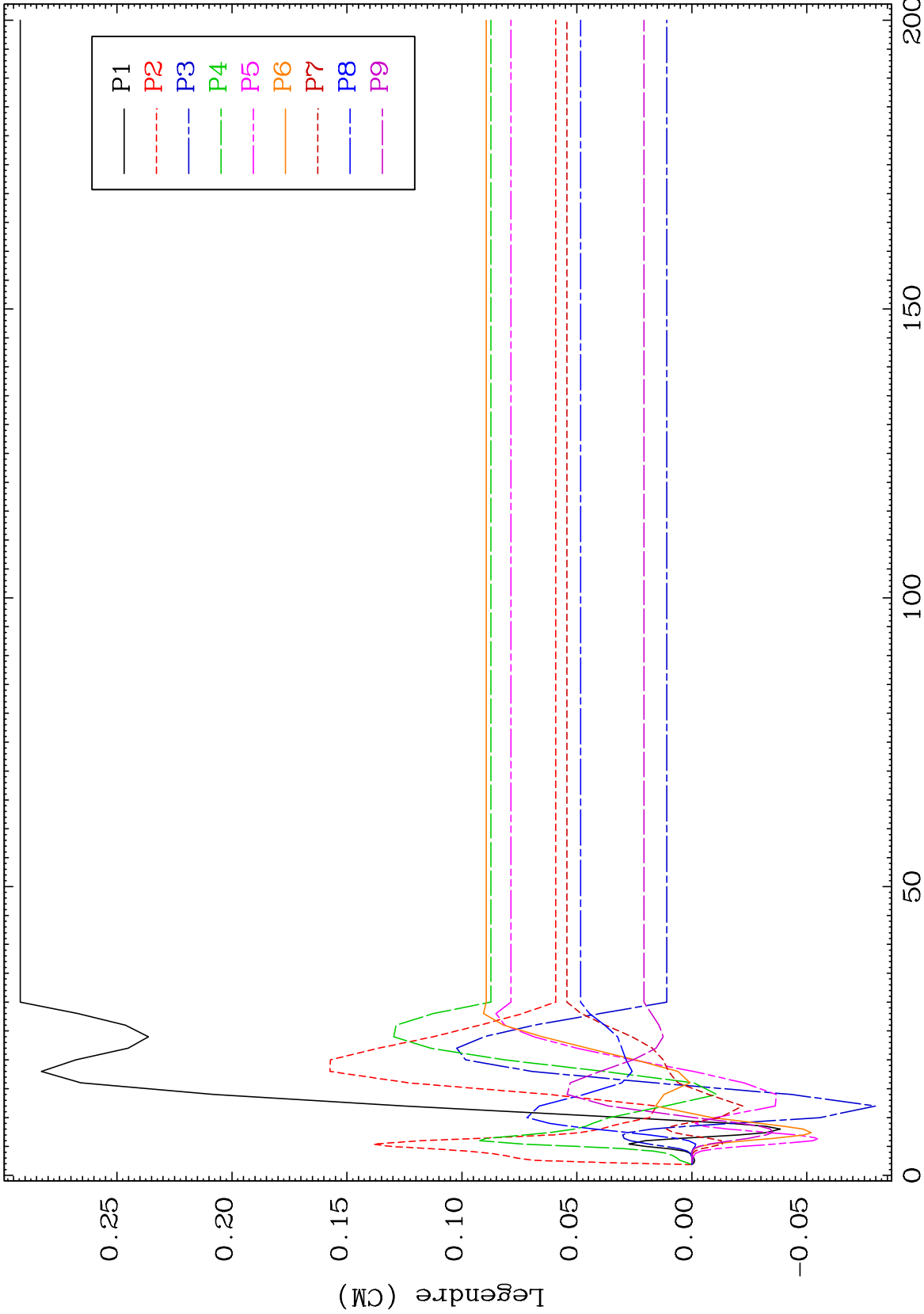
Incident Energy (MeV)

53

MAT 6613

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

66-Dy-152



54

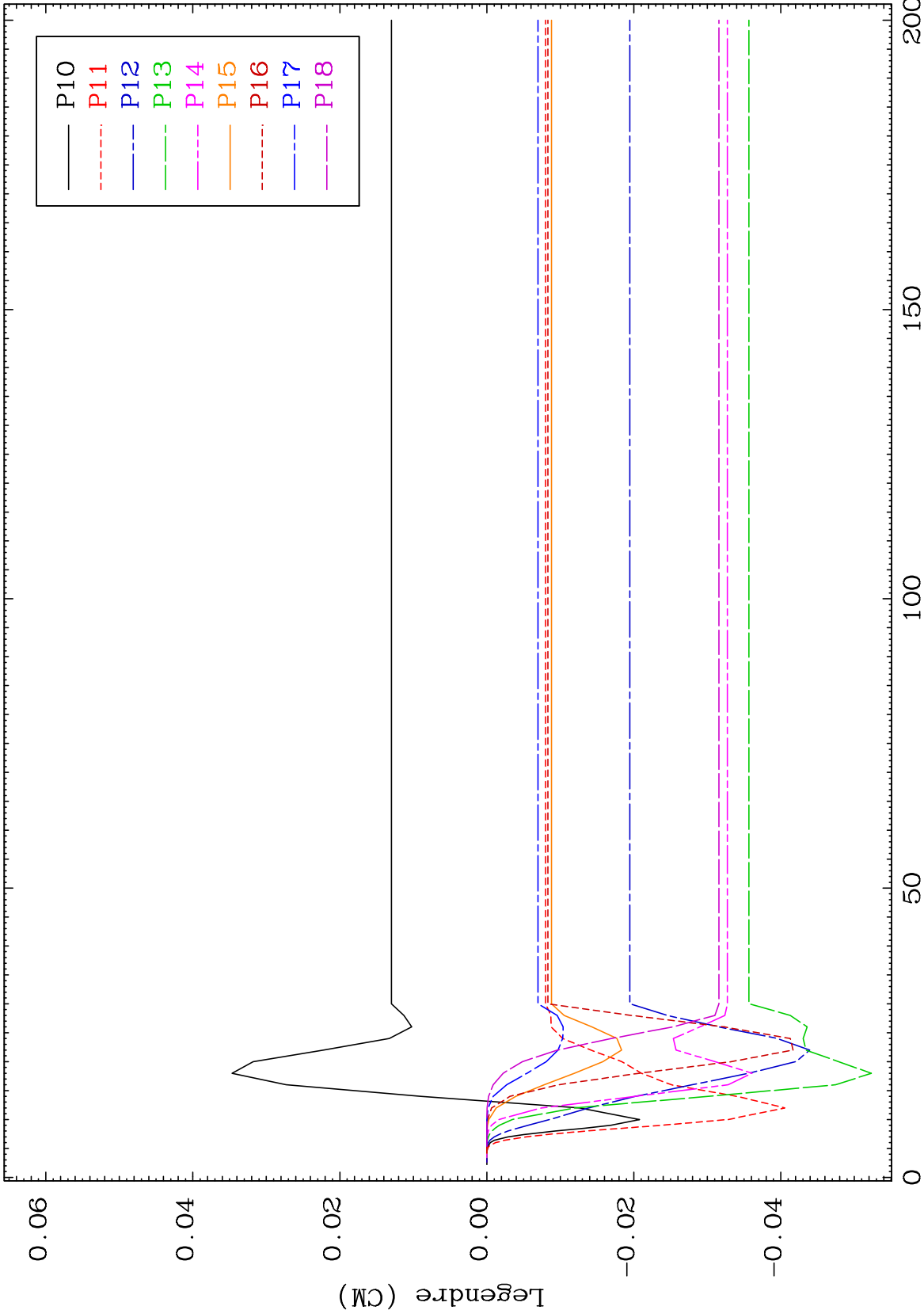
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



55

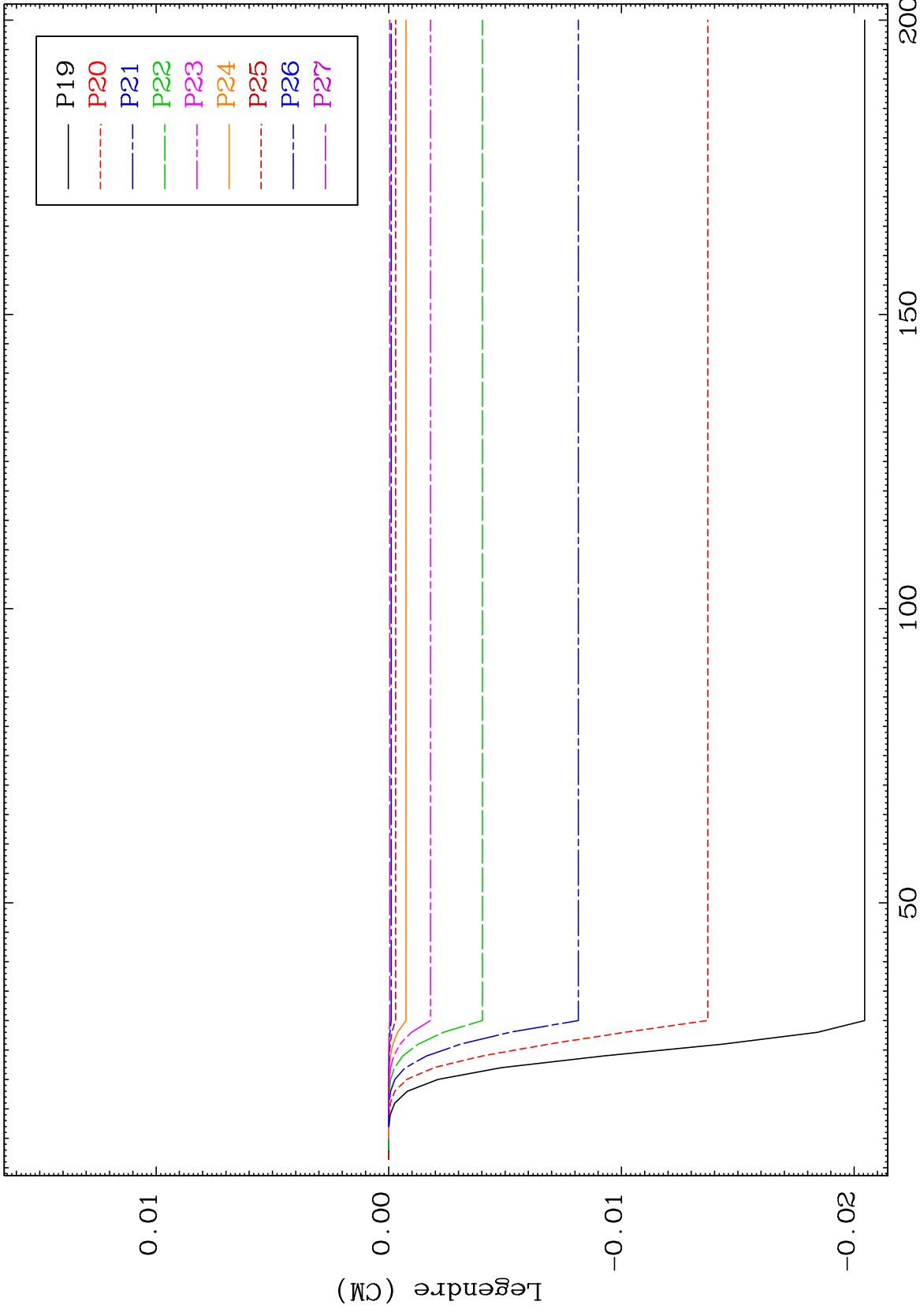
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



56

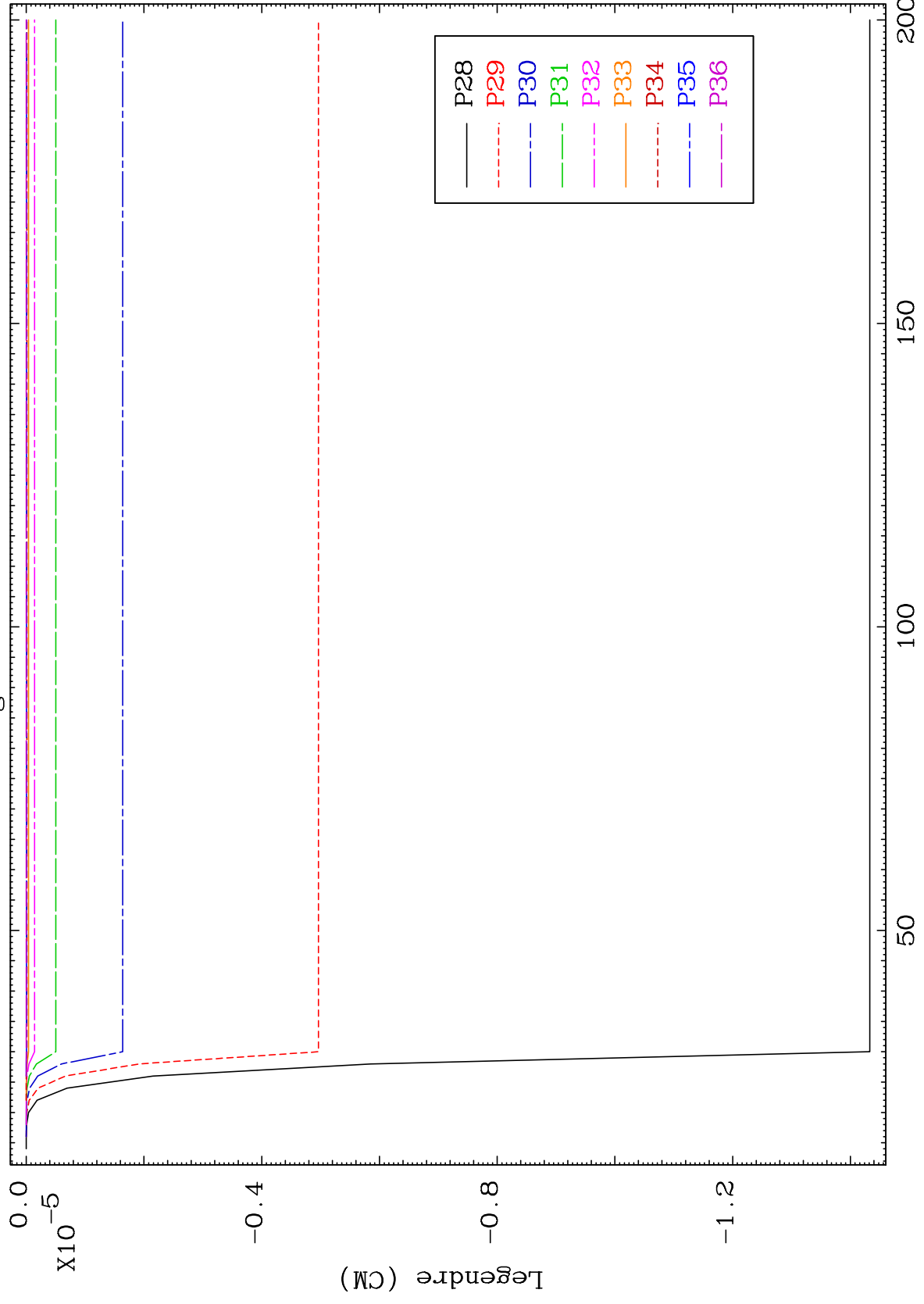
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



66-Dy-152

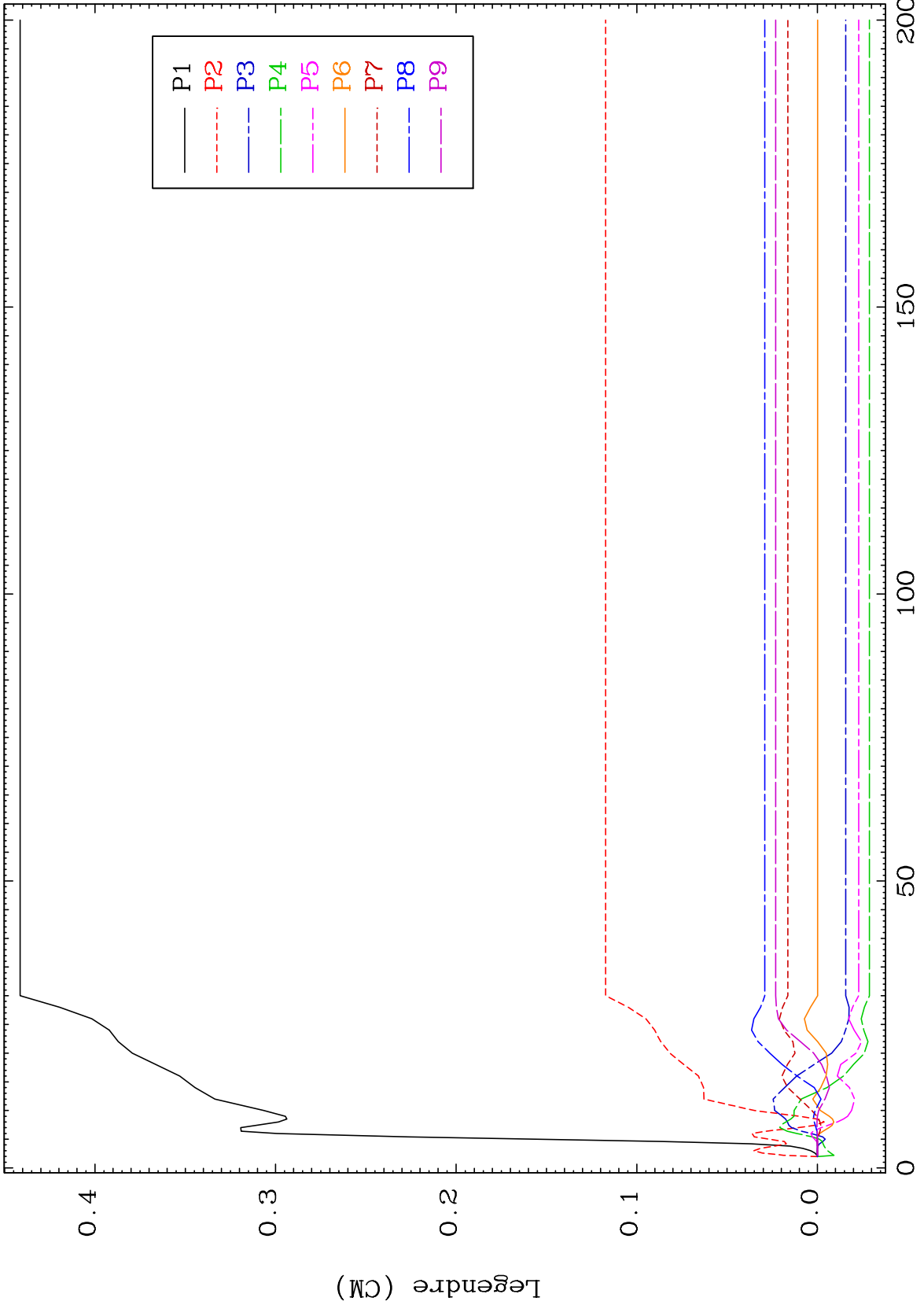
Incident Energy (MeV)

57

MAT 6613

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

66-Dy-152



58

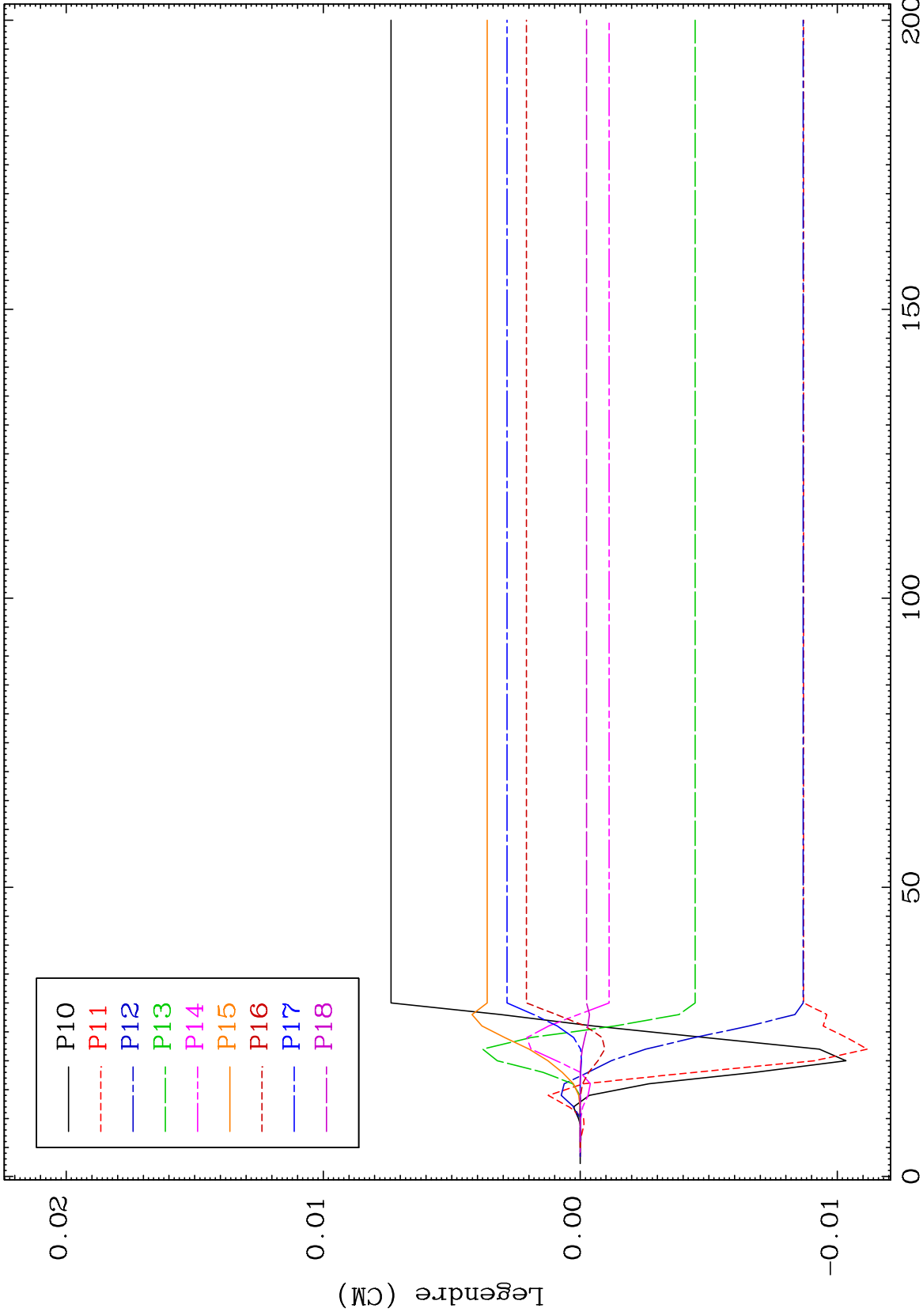
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



59

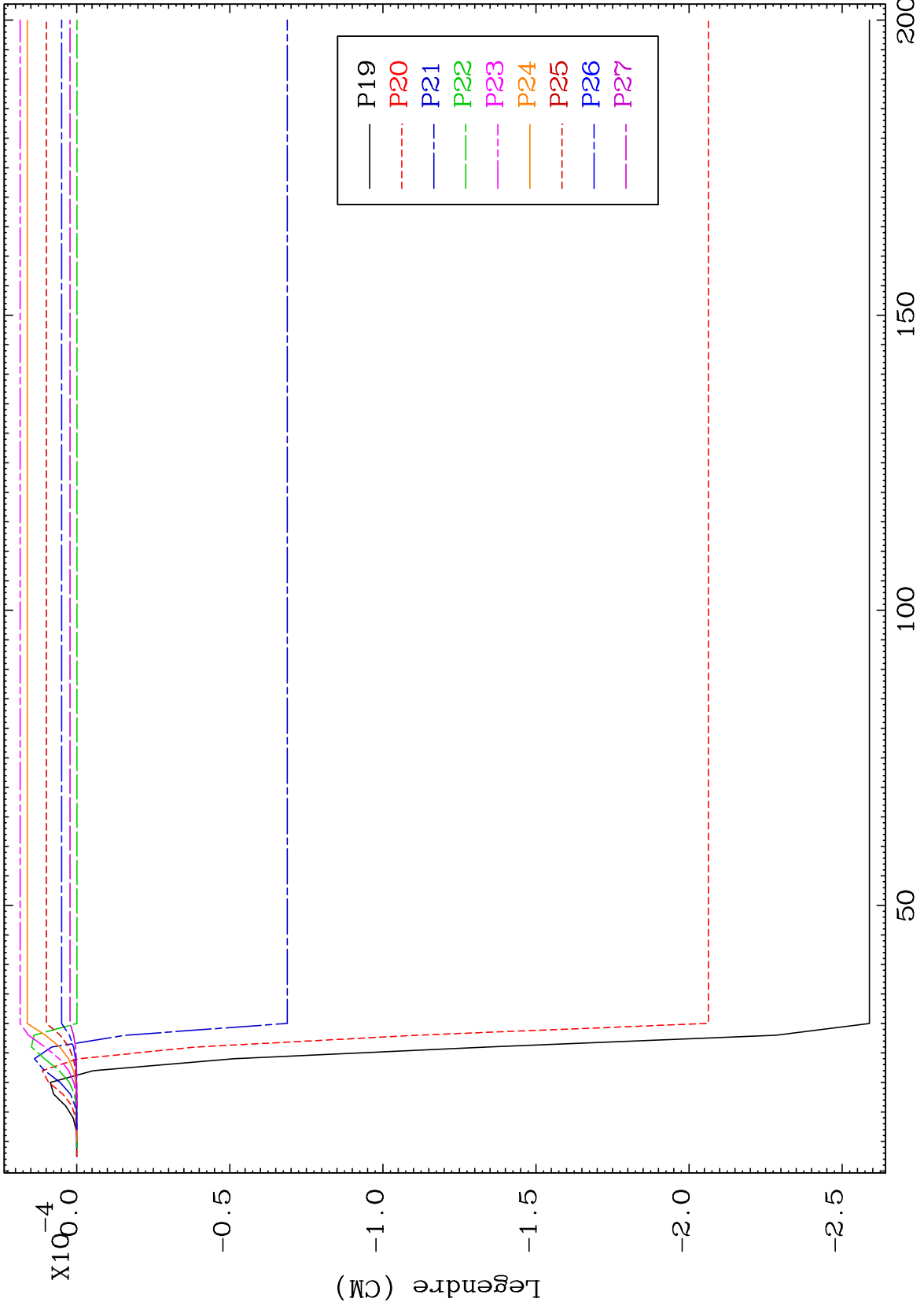
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



66-Dy-152

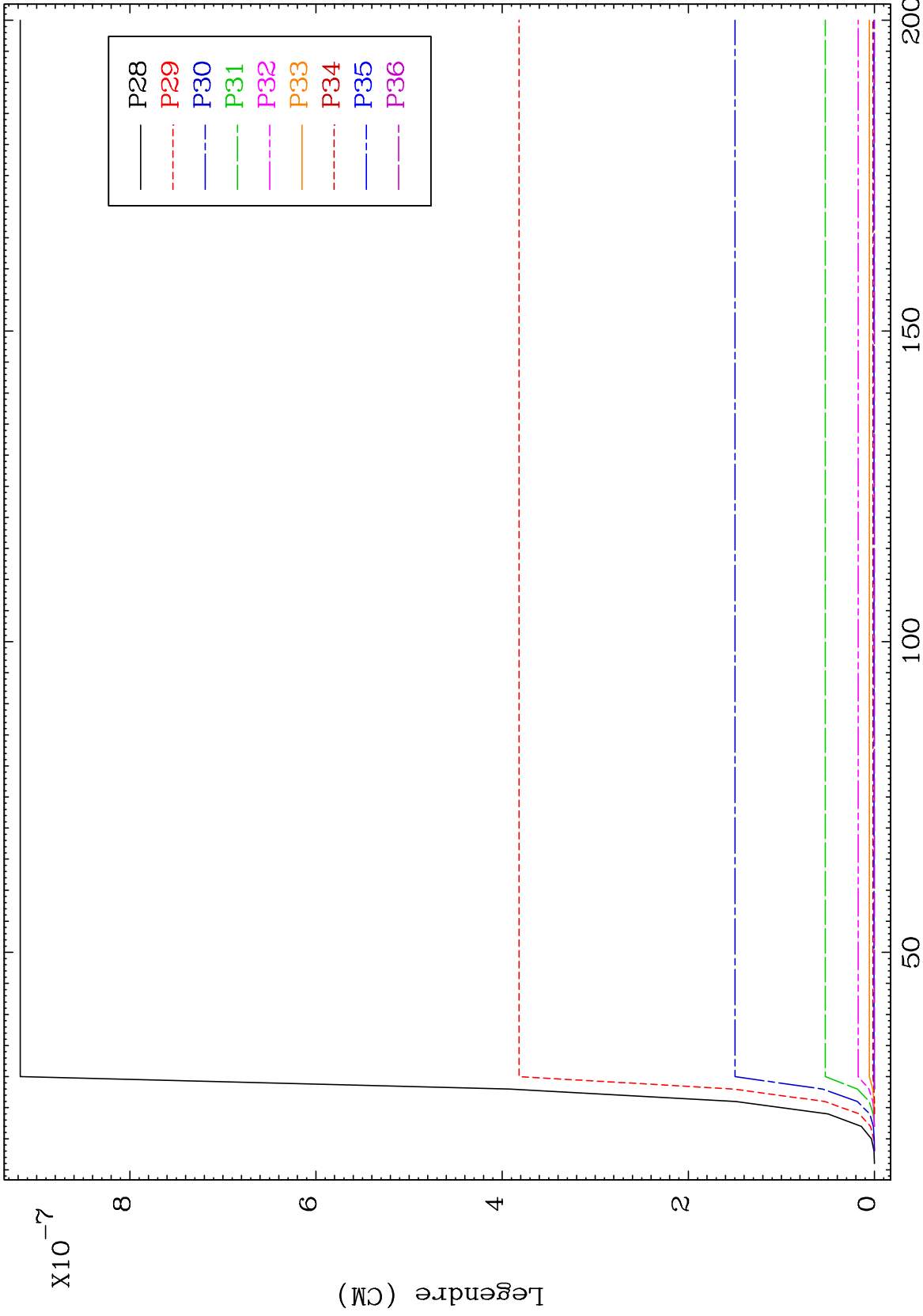
Incident Energy (MeV)

60

MAT 6613

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

66-Dy-152



61

Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



62

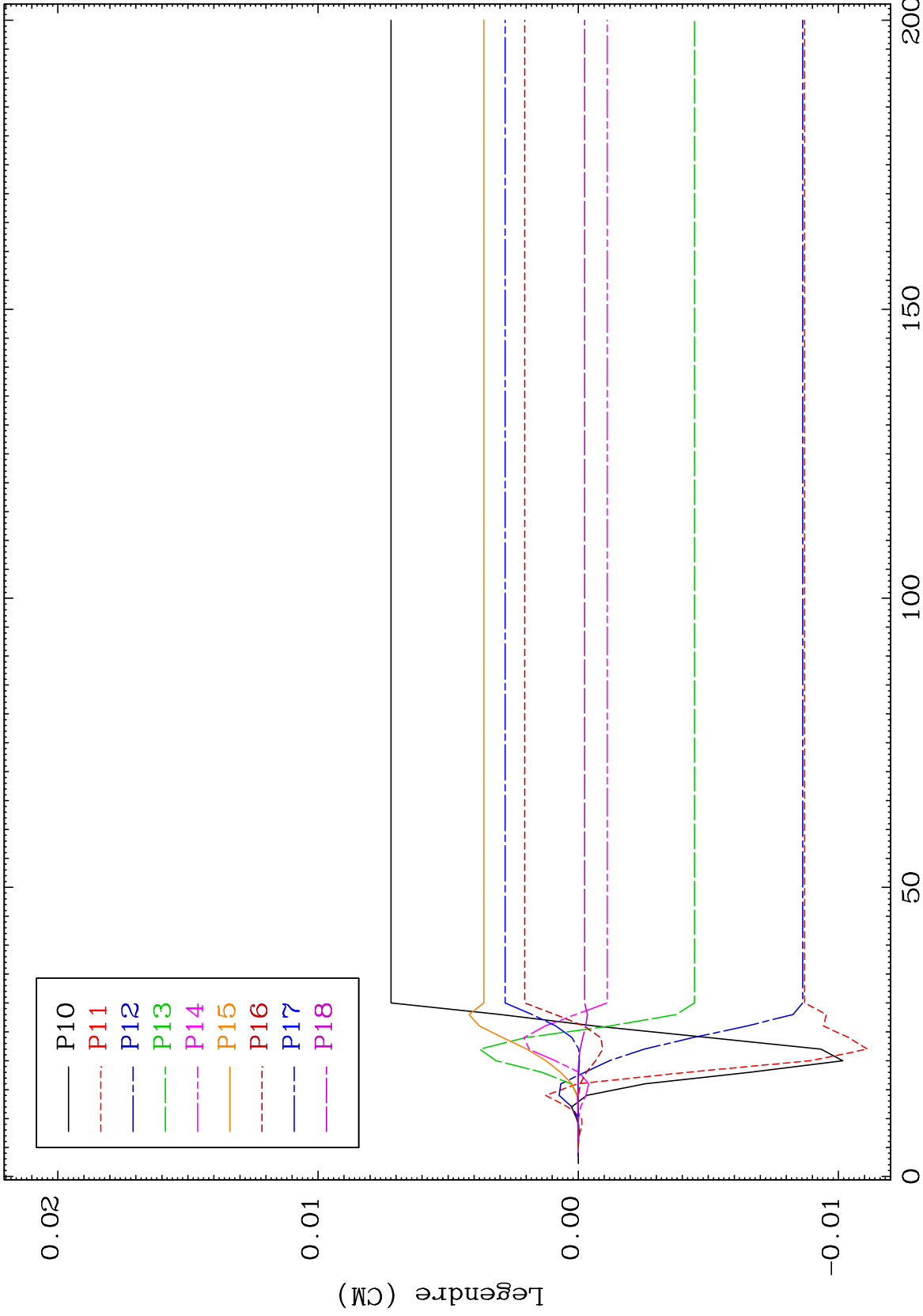
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



63

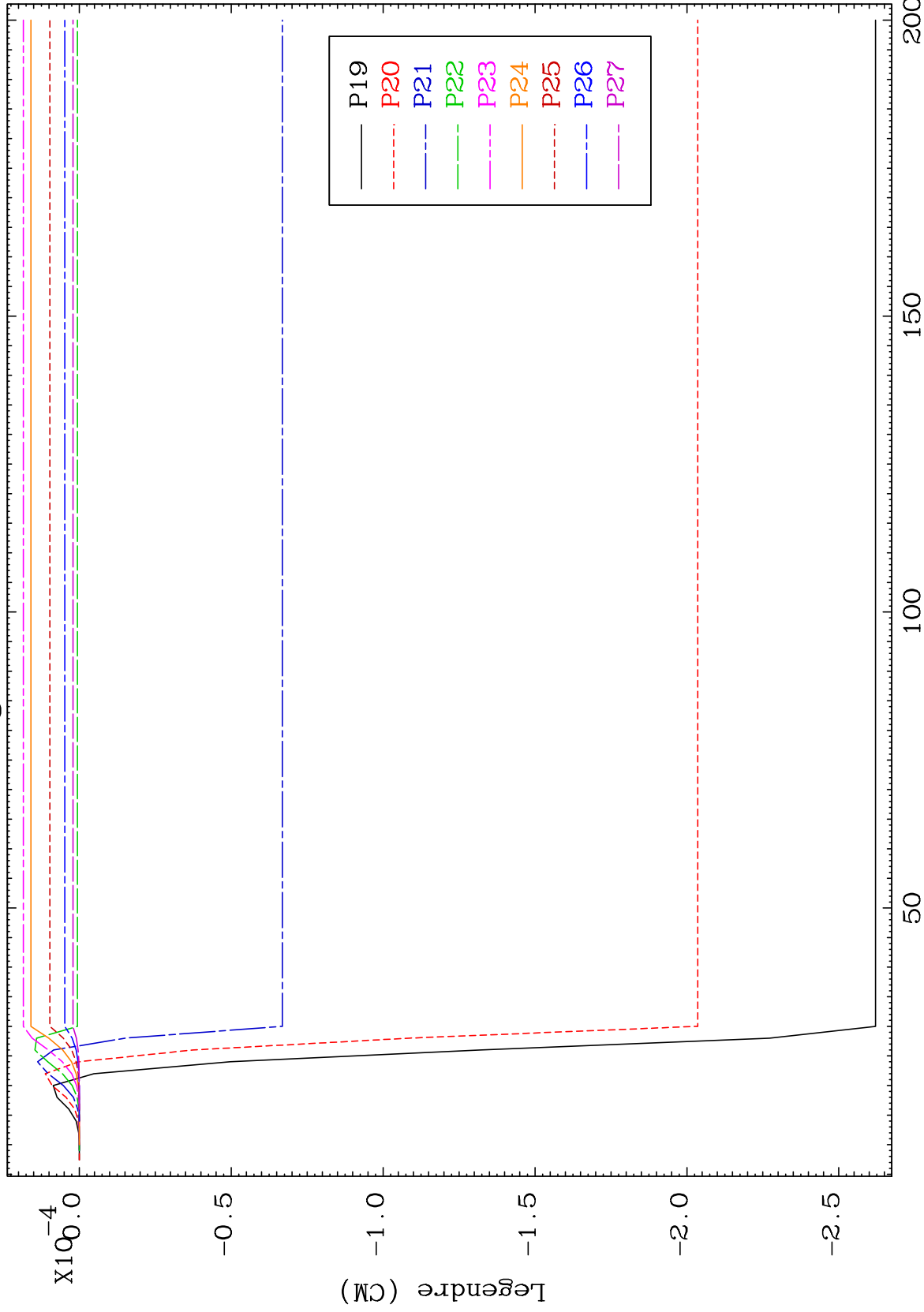
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



64

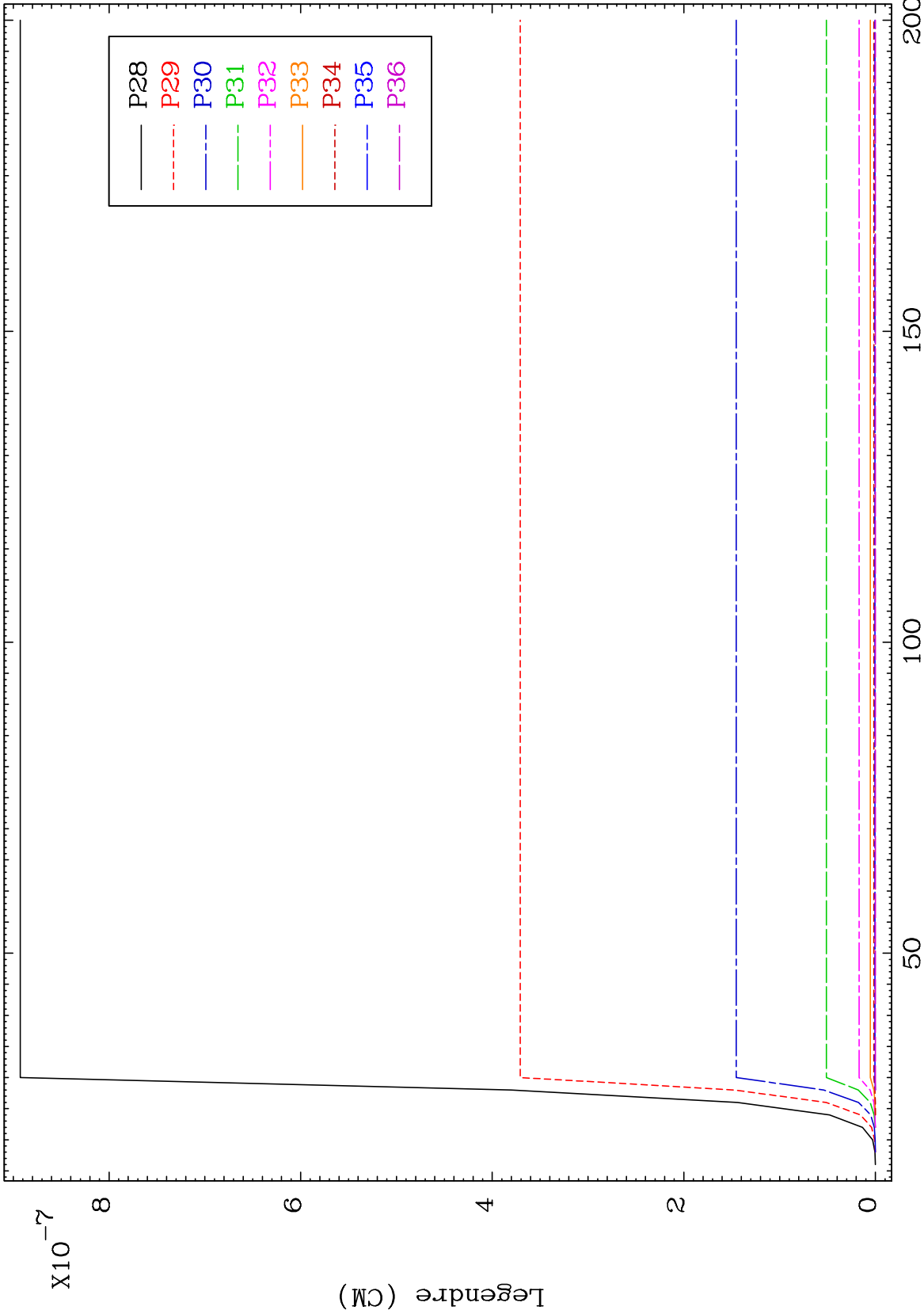
Incident Energy (MeV)

66-Dy-152

MAT 6613

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

66-Dy-152



65

Incident Energy (MeV)

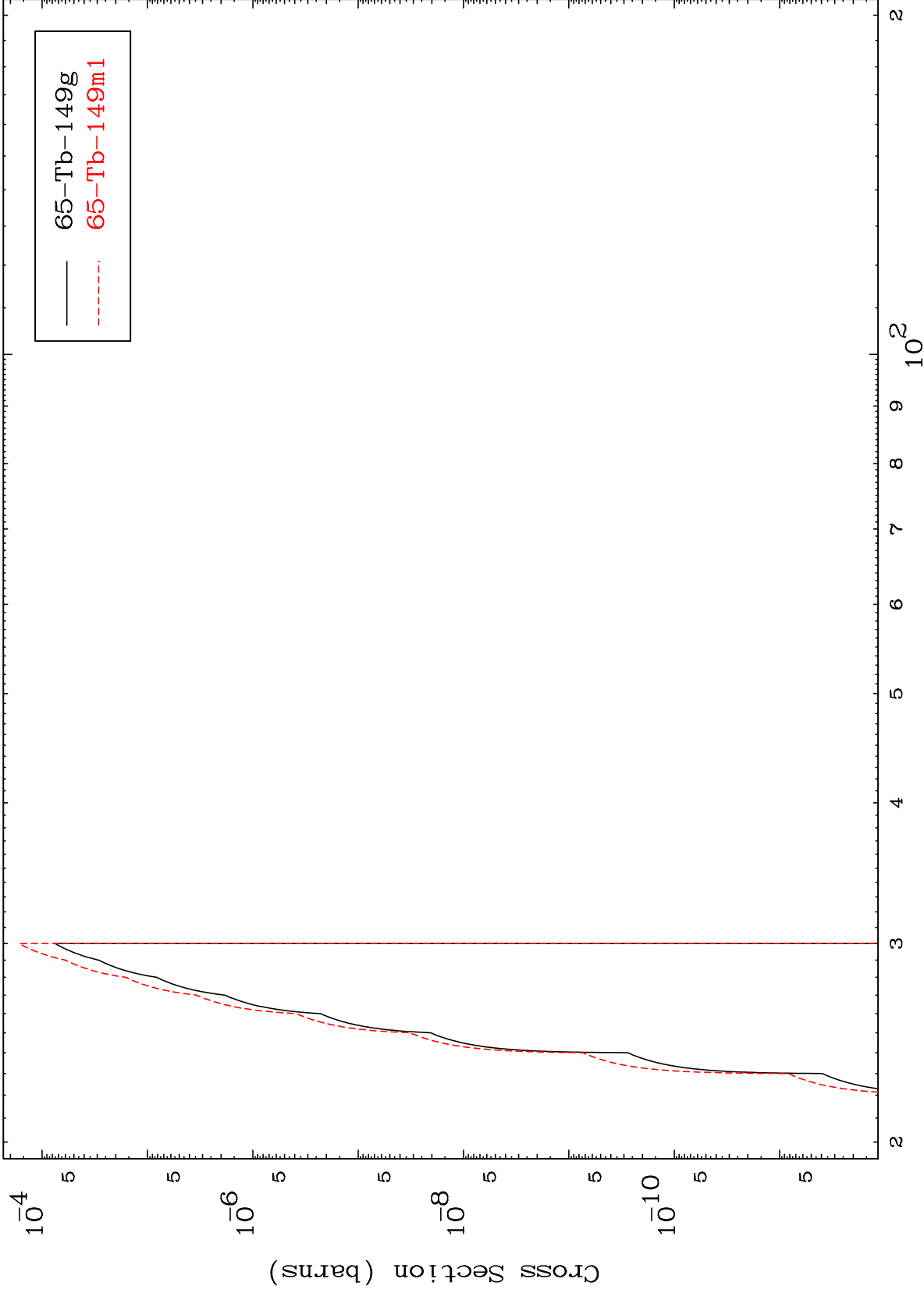
66-Dy-152

MAT 6613

(n,2n) d

66-Dy-152

Radionuclide Production Cross Section



66

Incident Energy (MeV)

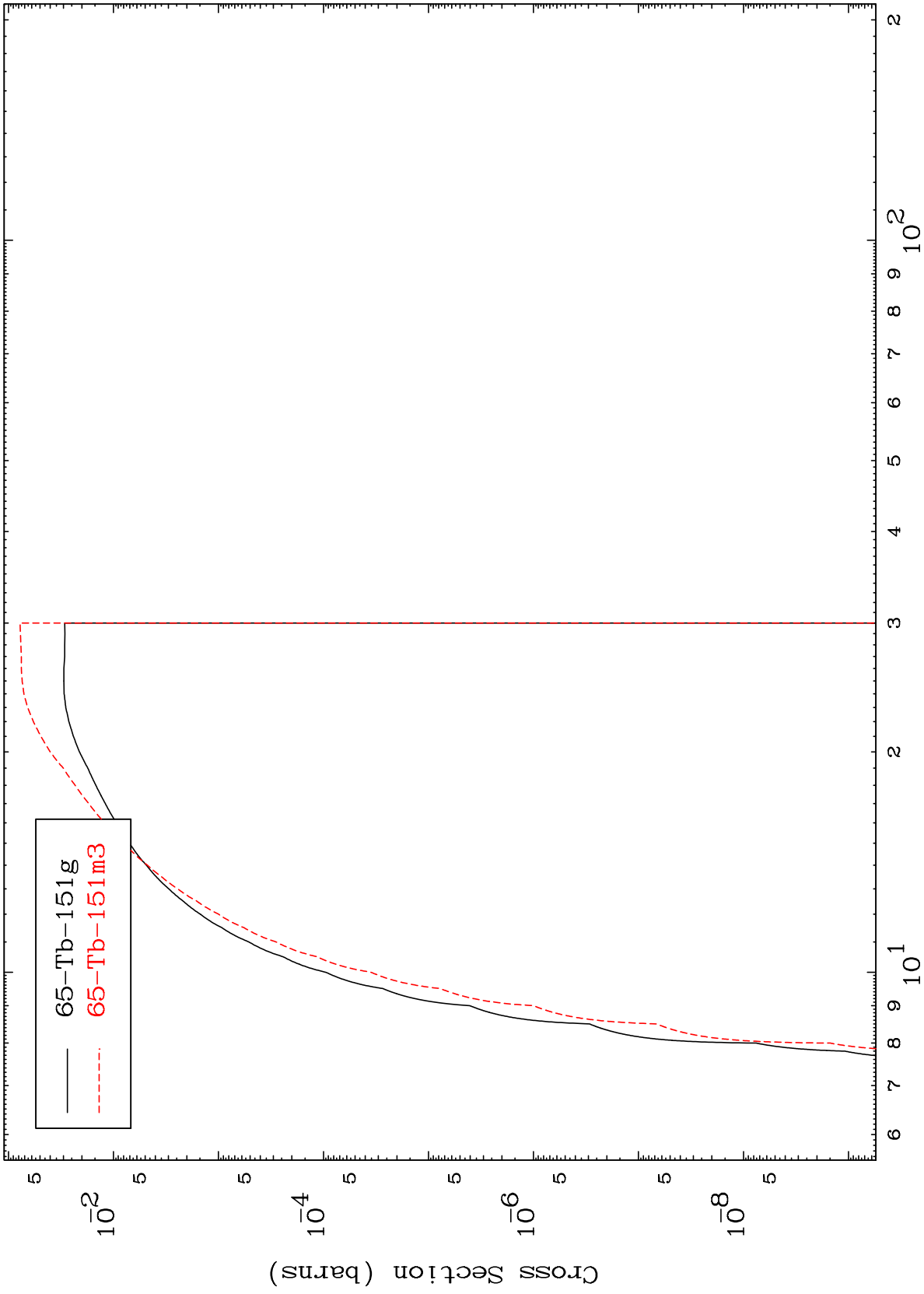
66-Dy-152

MAT 6613

(n,n') p

66-Dy-152

Radionuclide Production Cross Section



67

Incident Energy (MeV)

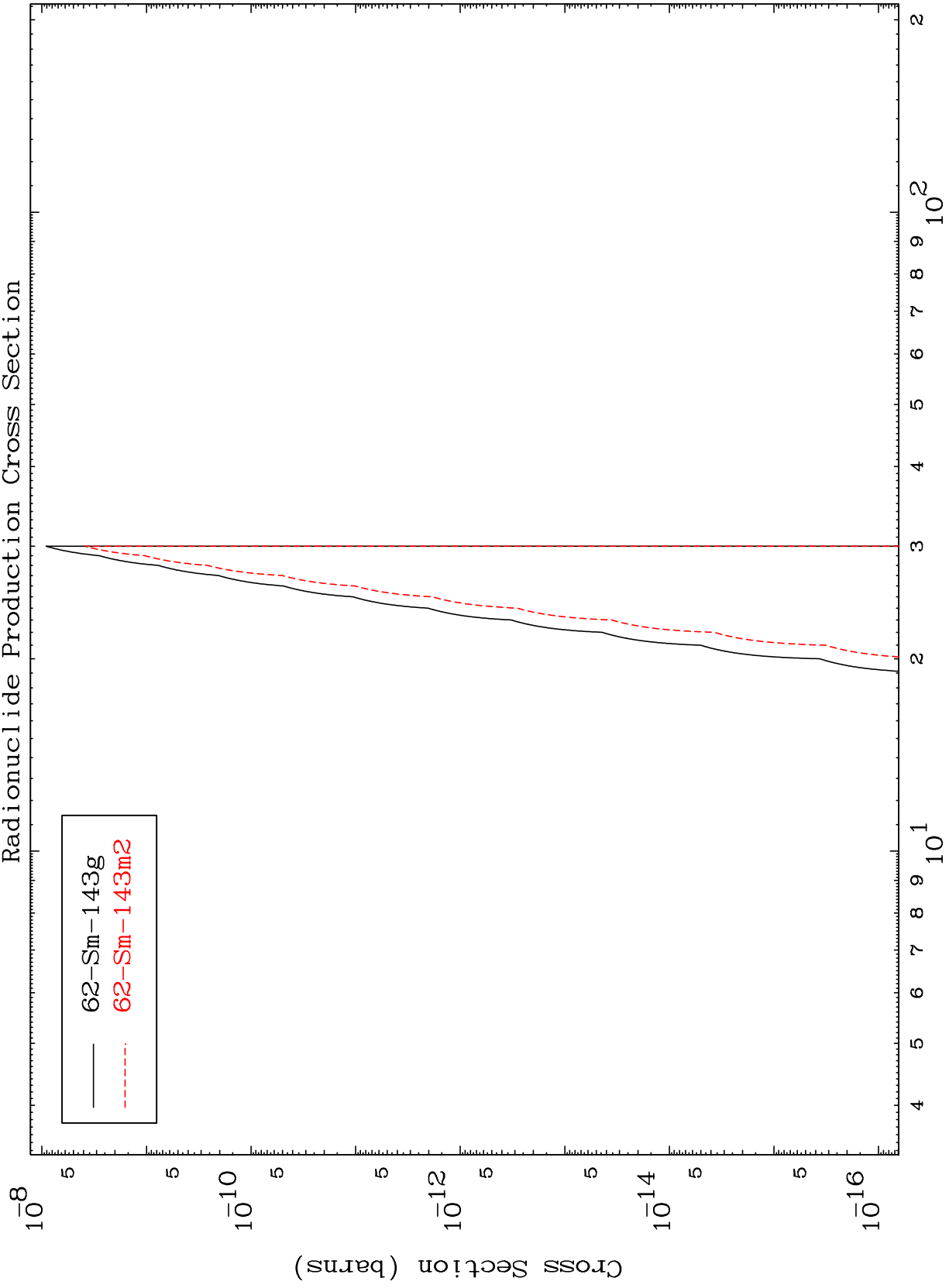
66-Dy-152

MAT 6613

(n,2n) 2 α

66-Dy-152

Radionuclide Production Cross Section



62-Sm-143g
62-Sm-143m2

68

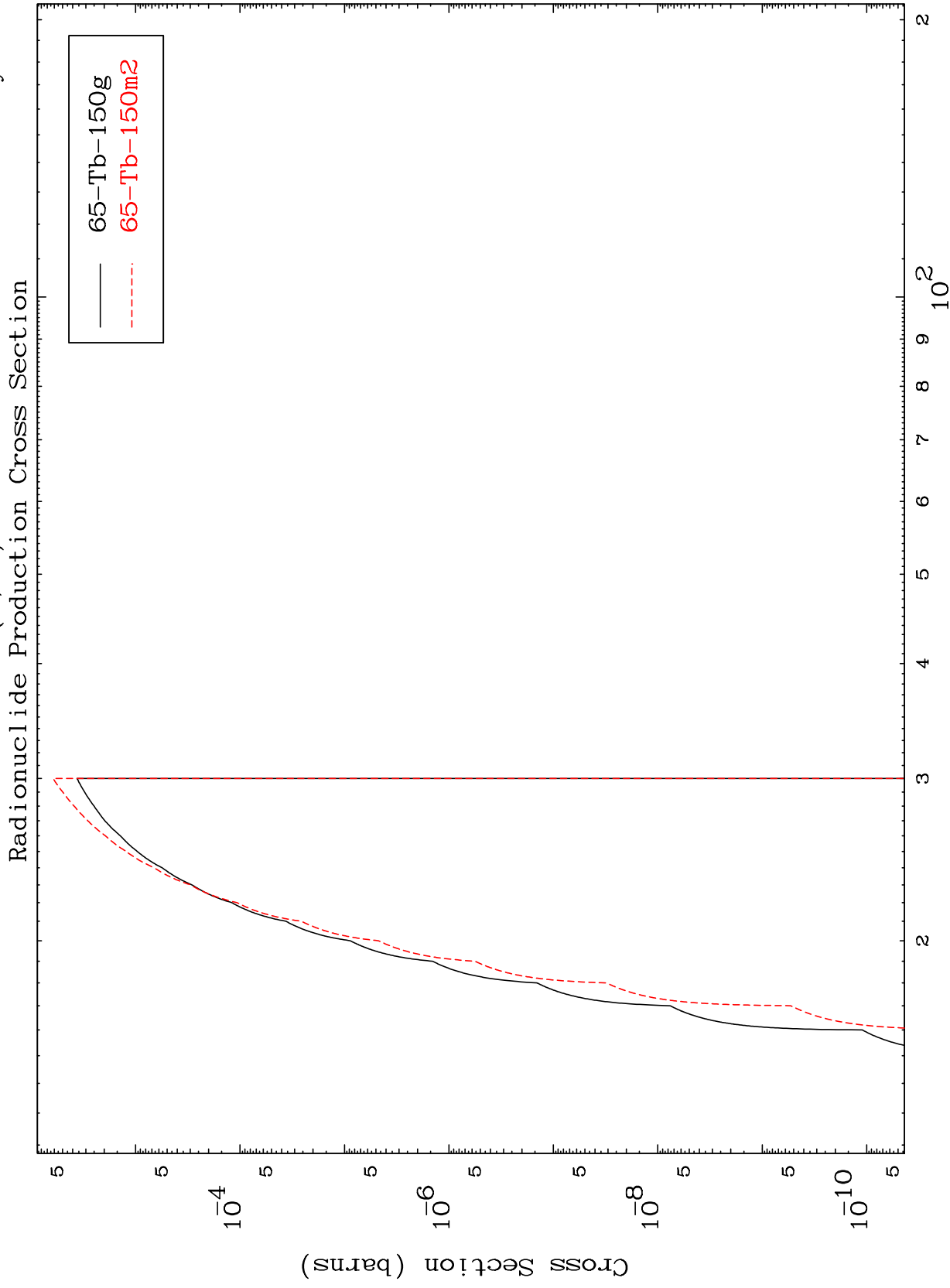
Incident Energy (MeV)

66-Dy-152

MAT 6613

(n, n') d

66-Dy-152



69

Incident Energy (MeV)

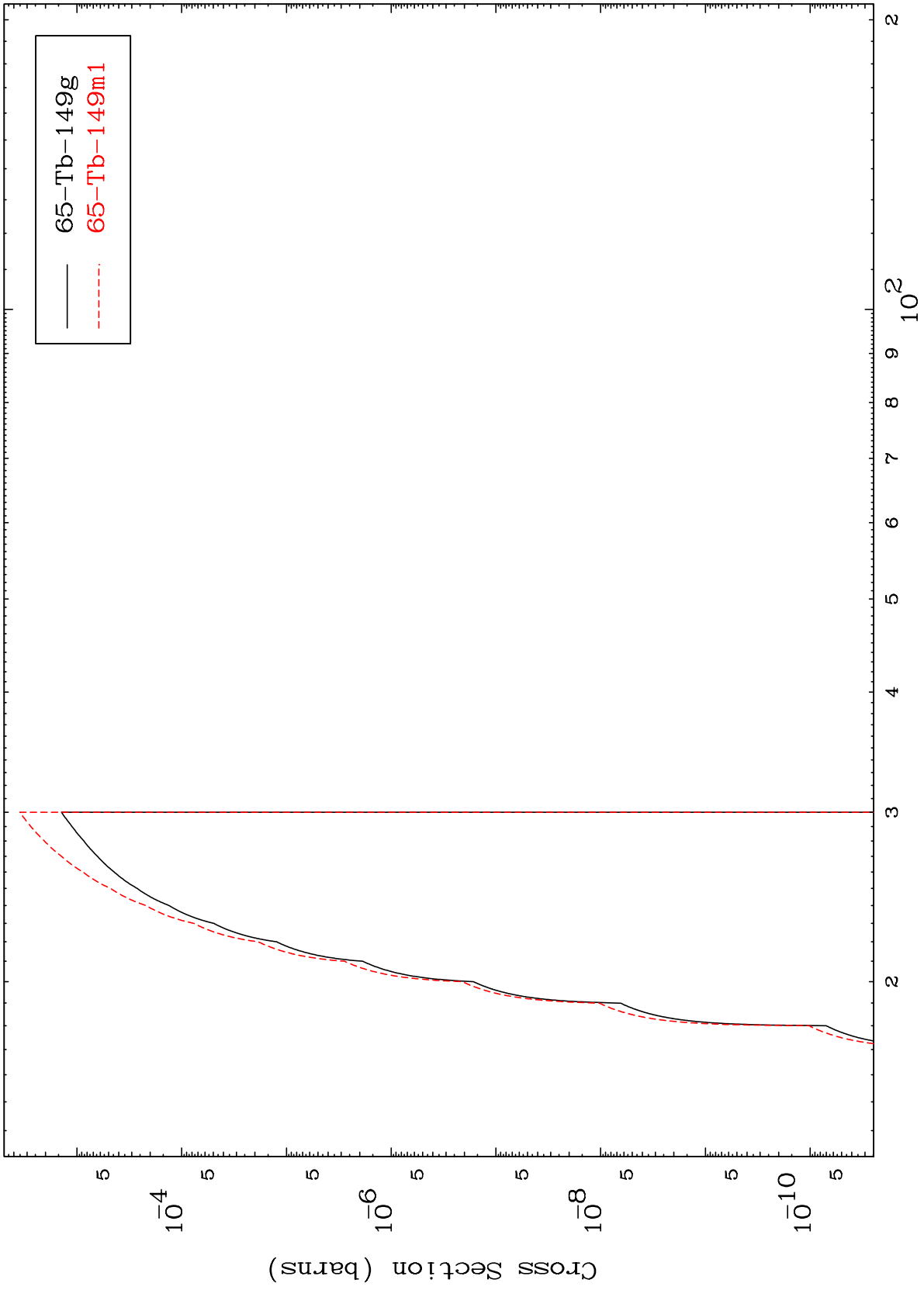
66-Dy-152

MAT 6613

(n,n') t

66-Dy-152

Radionuclide Production Cross Section



70

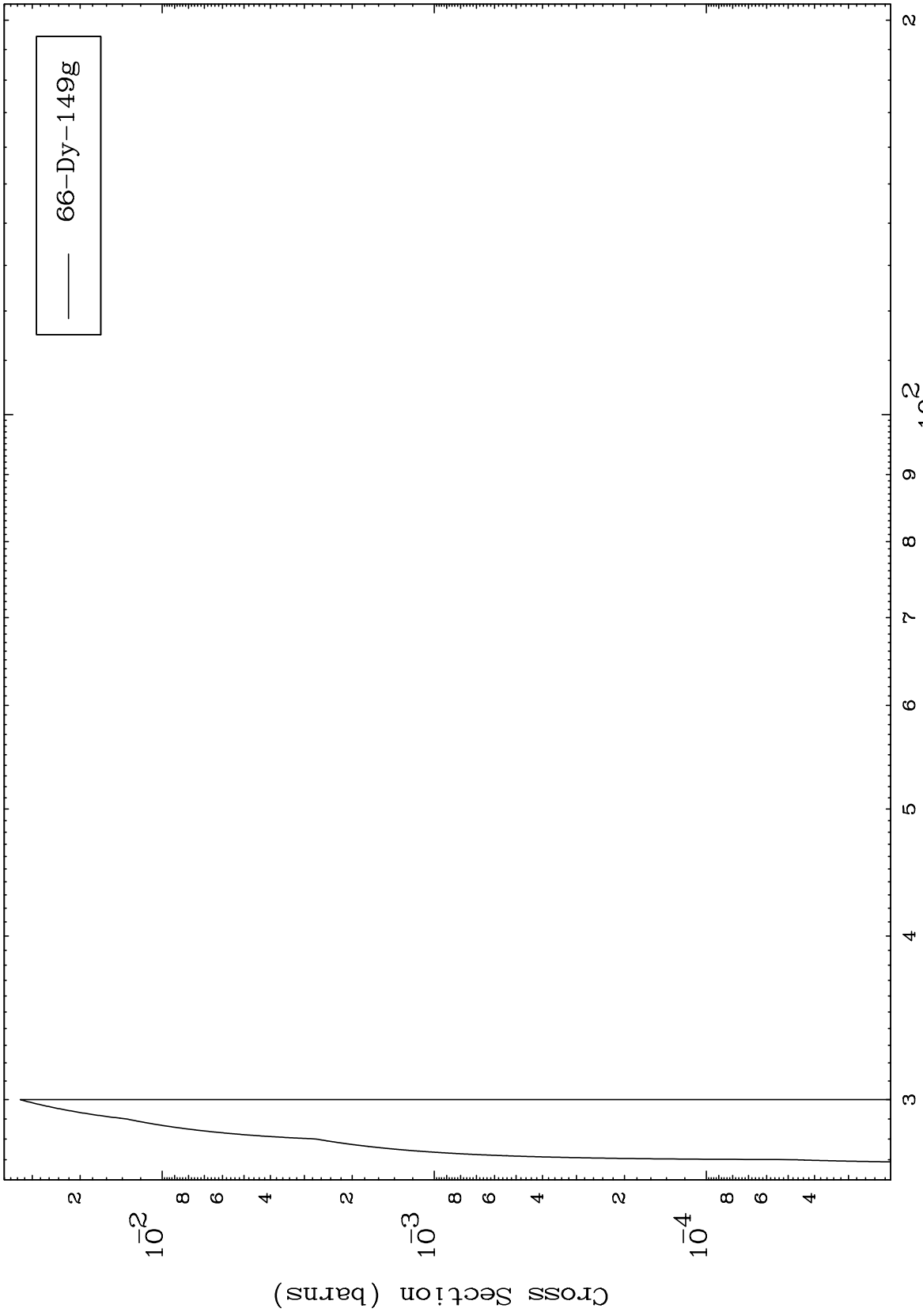
Incident Energy (MeV)

66-Dy-152

MAT 6613

66-Dy-152

(n,4n)
Radionuclide Production Cross Section



71

66-Dy-152

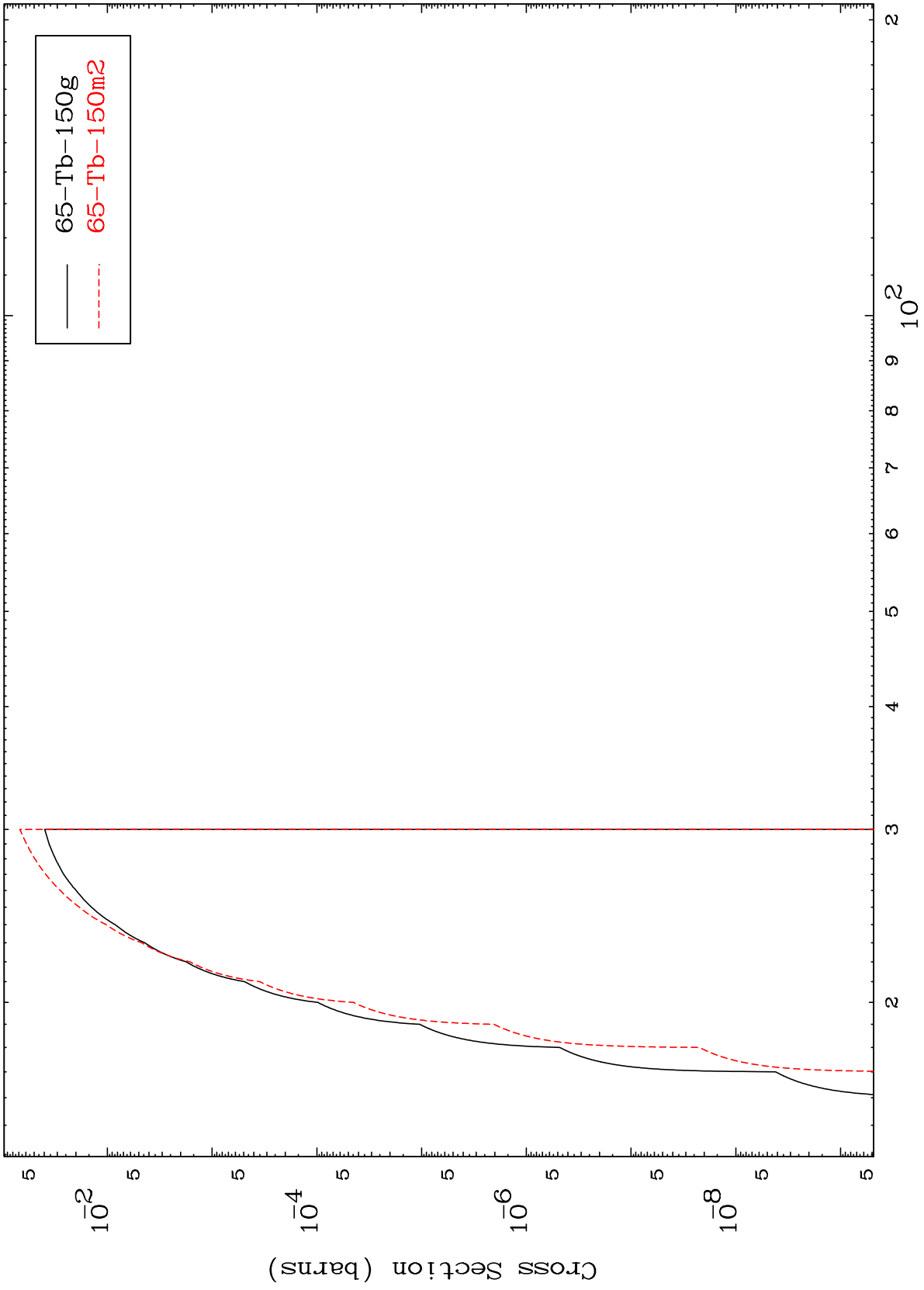
Incident Energy (MeV)

MAT 6613

(n,2n) p

66-Dy-152

Radionuclide Production Cross Section



72

Incident Energy (MeV)

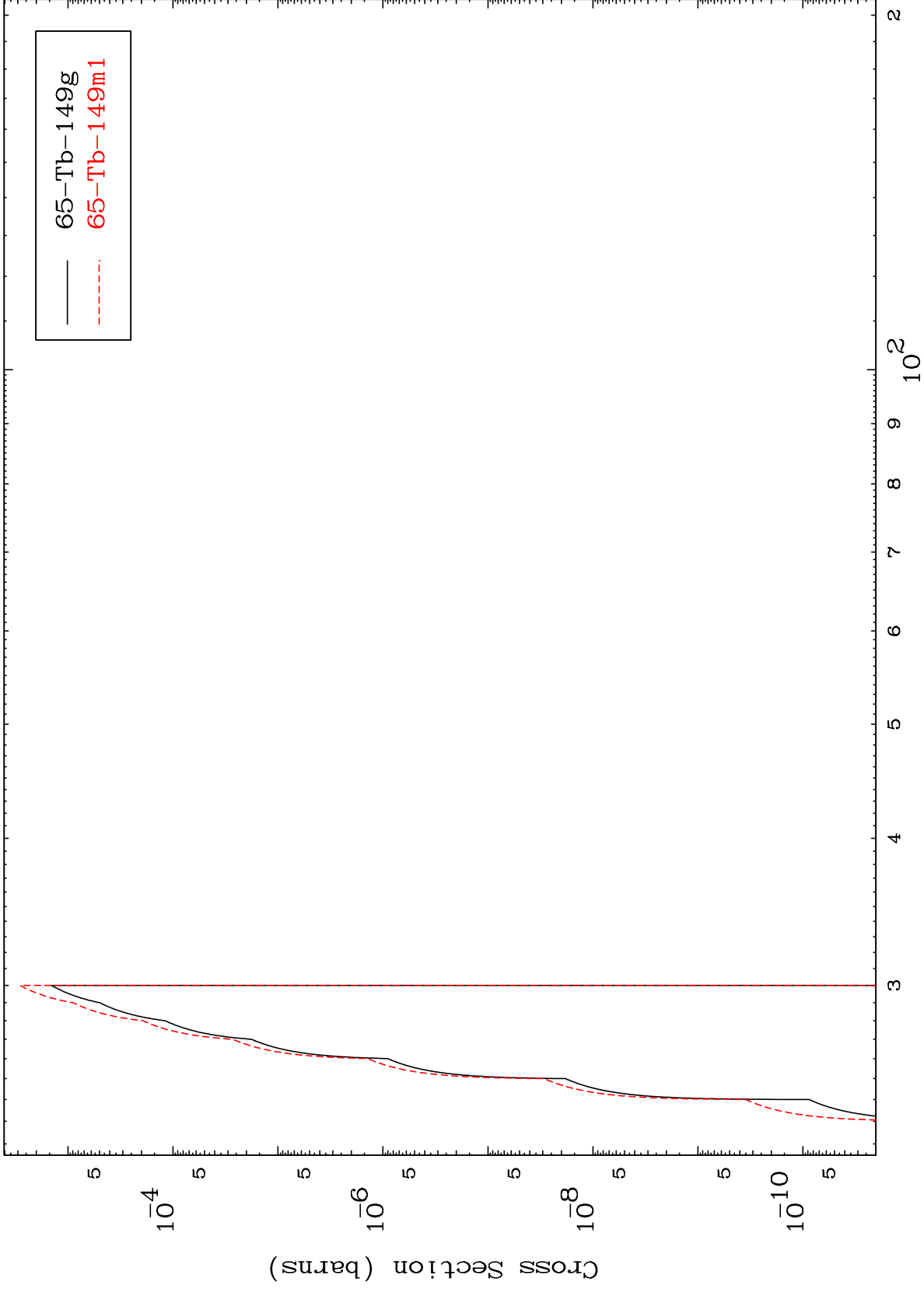
66-Dy-152

MAT 6613

(n,3n) p

66-Dy-152

Radionuclide Production Cross Section



73

Incident Energy (MeV)

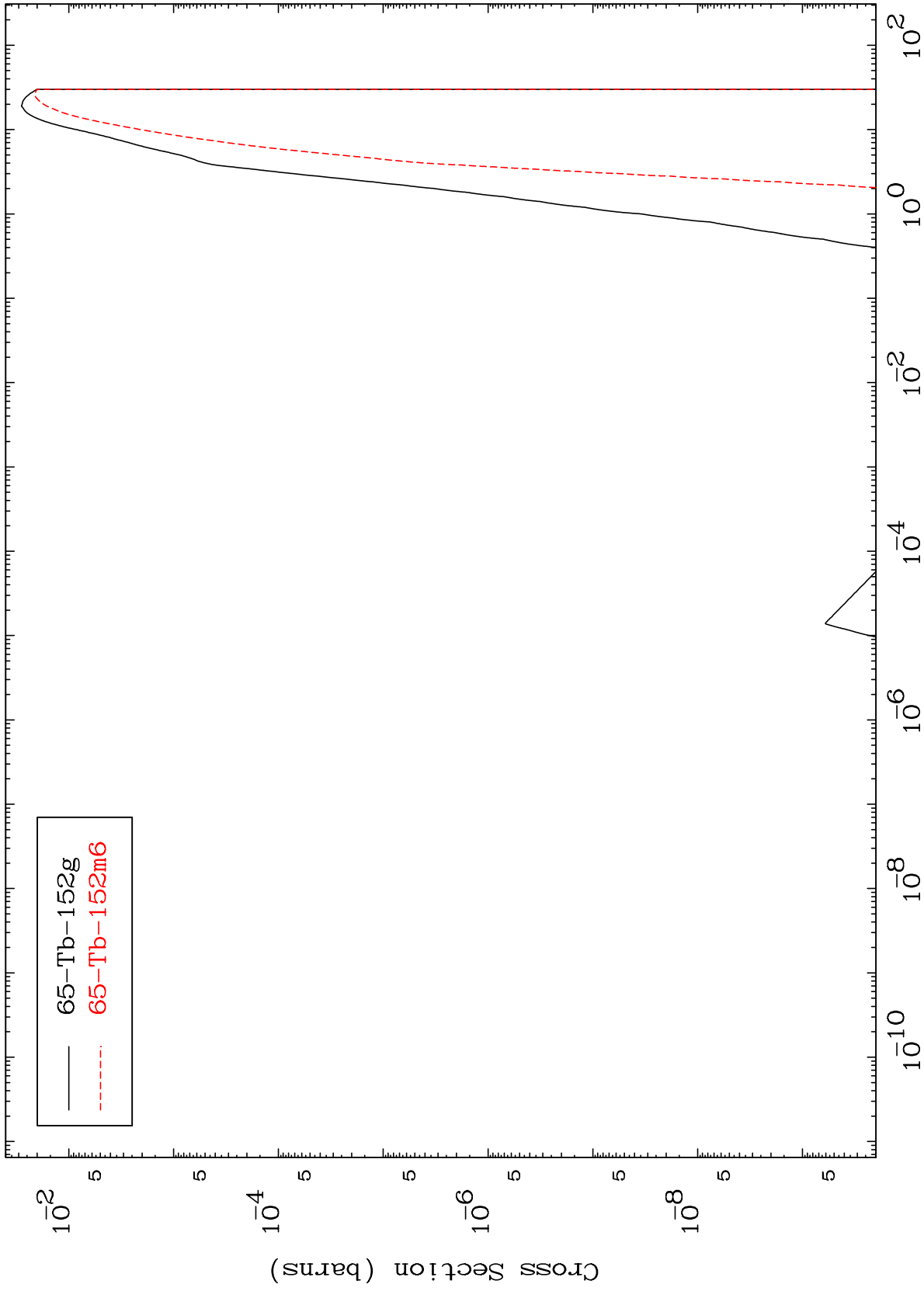
66-Dy-152

MAT 6613

(n,p)

66-Dy-152

Radionuclide Production Cross Section



74

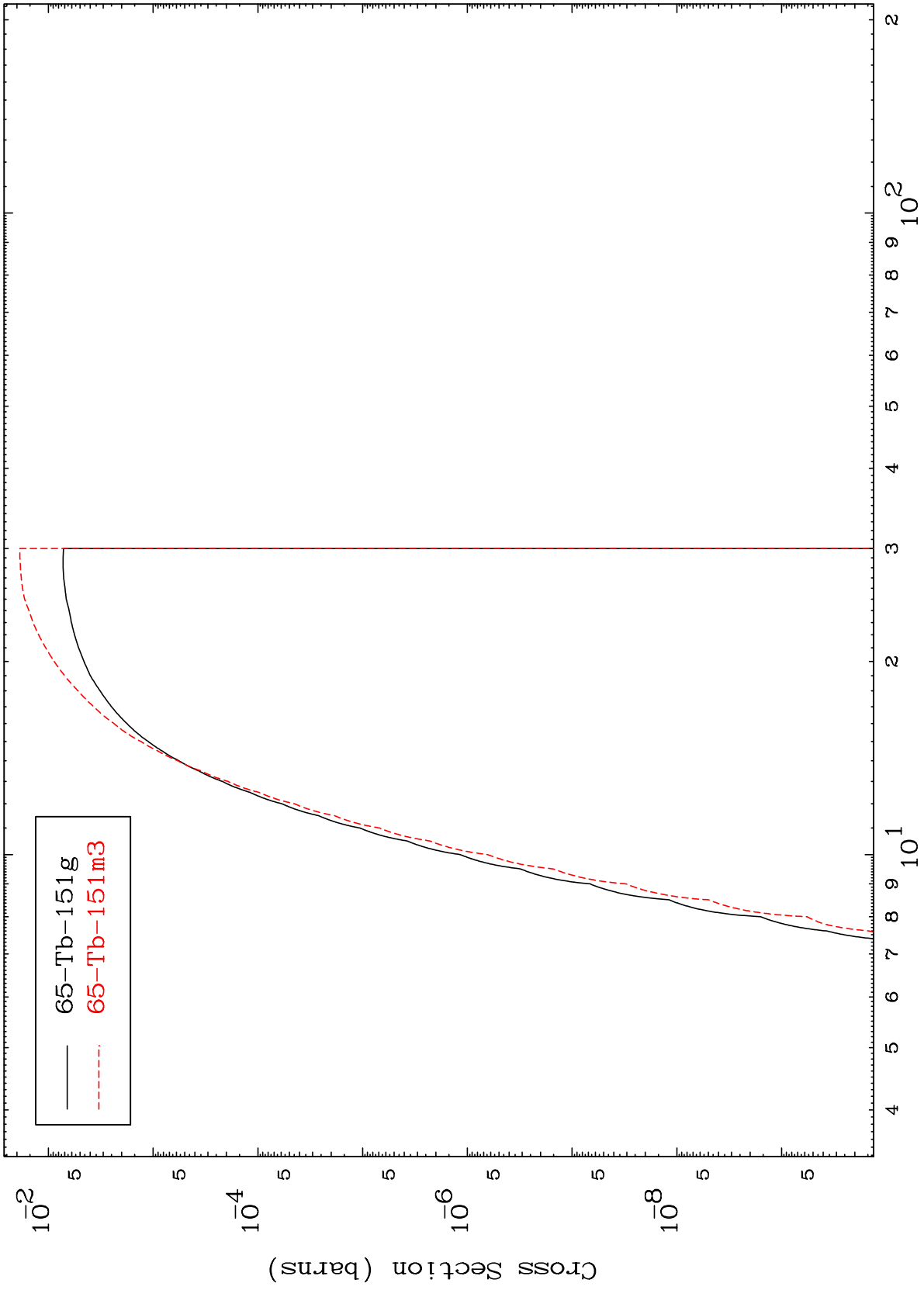
Incident Energy (MeV)

66-Dy-152

MAT 6613

66-Dy-152

(n,d)
Radionuclide Production Cross Section



75

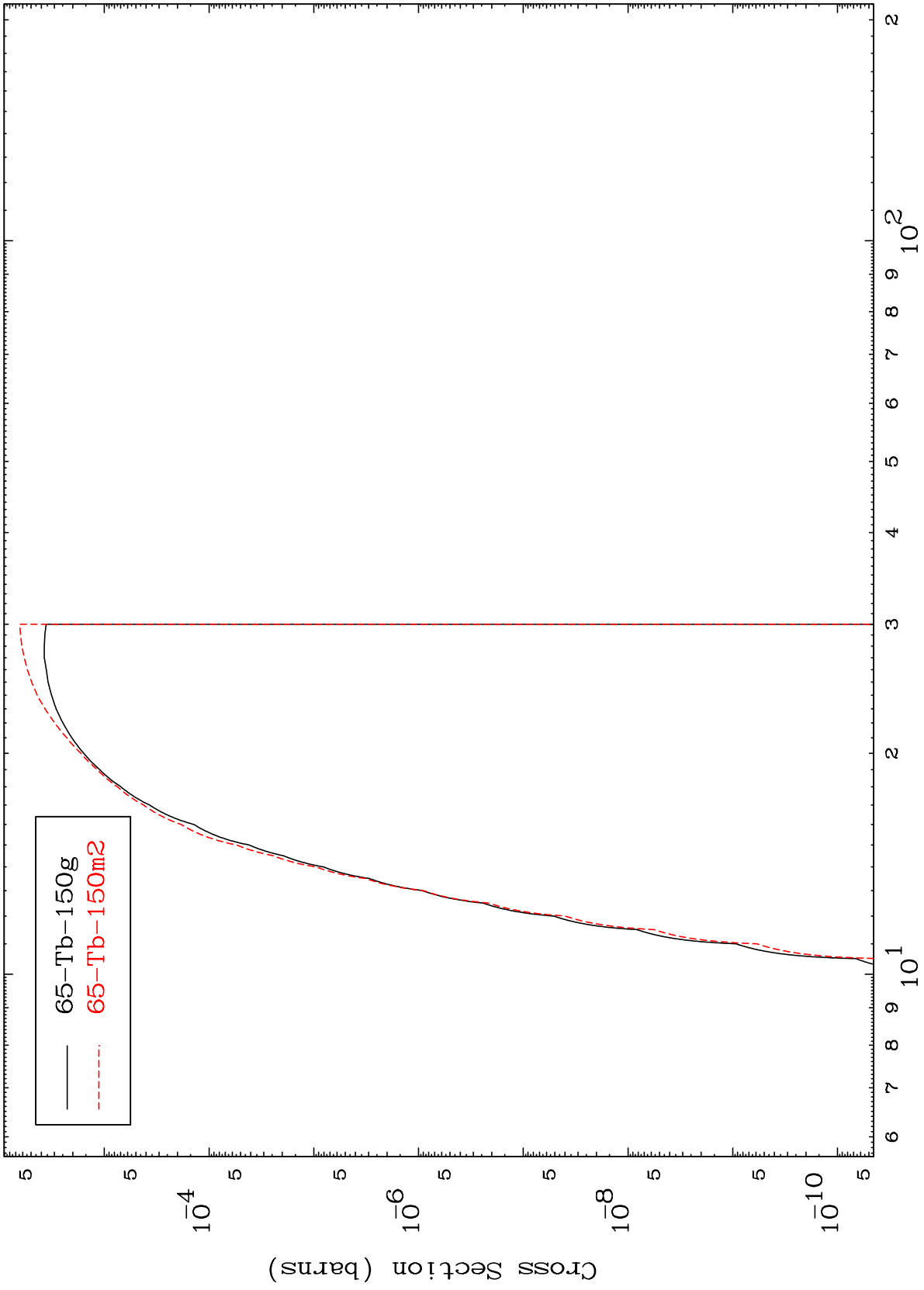
Incident Energy (MeV)

66-Dy-152

MAT 6613

66-Dy-152

(n, t)
Radionuclide Production Cross Section



76

Incident Energy (MeV)

66-Dy-152