

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

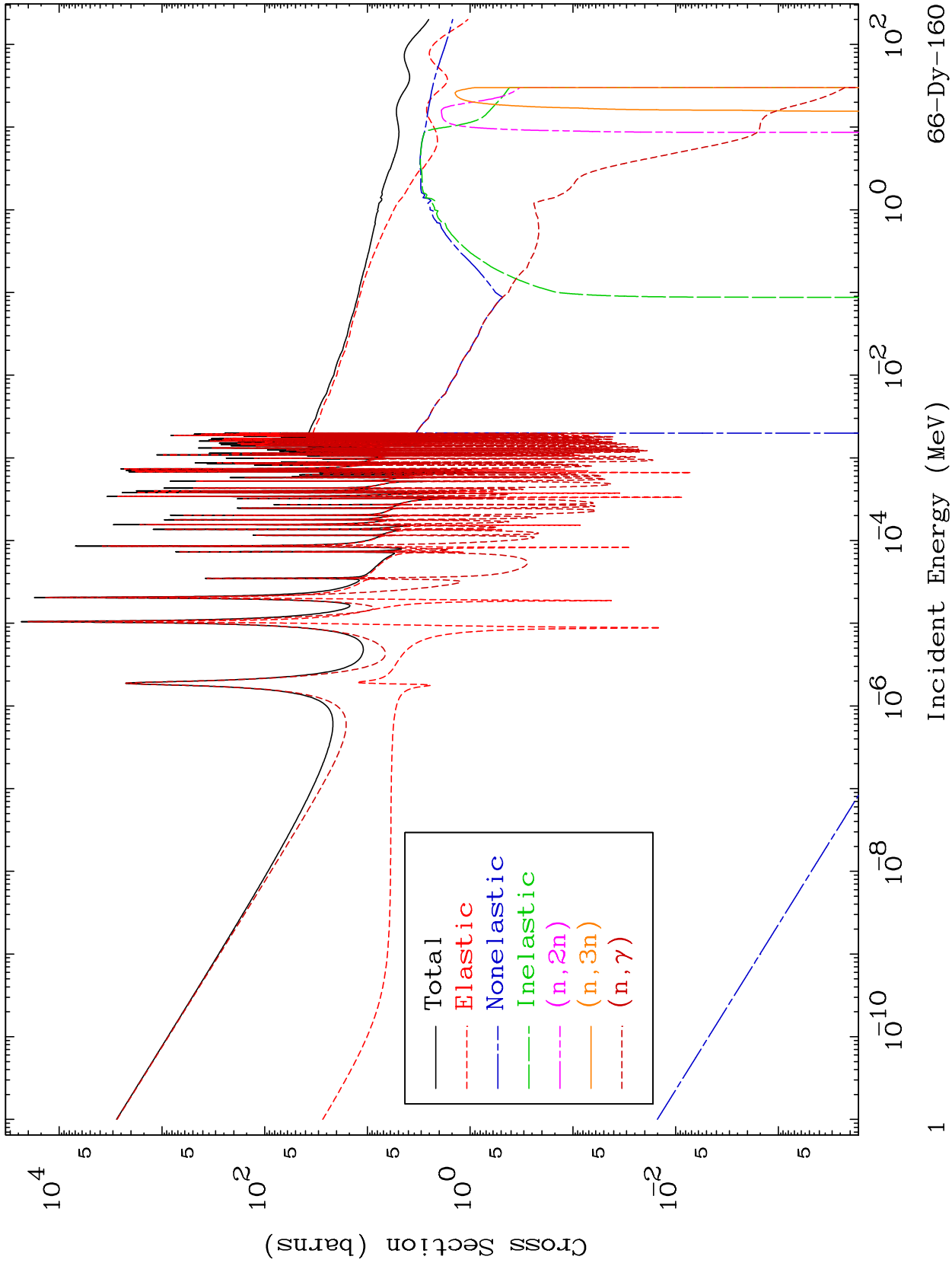
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6637

Neutron Major
293 Kelvin Cross Sections

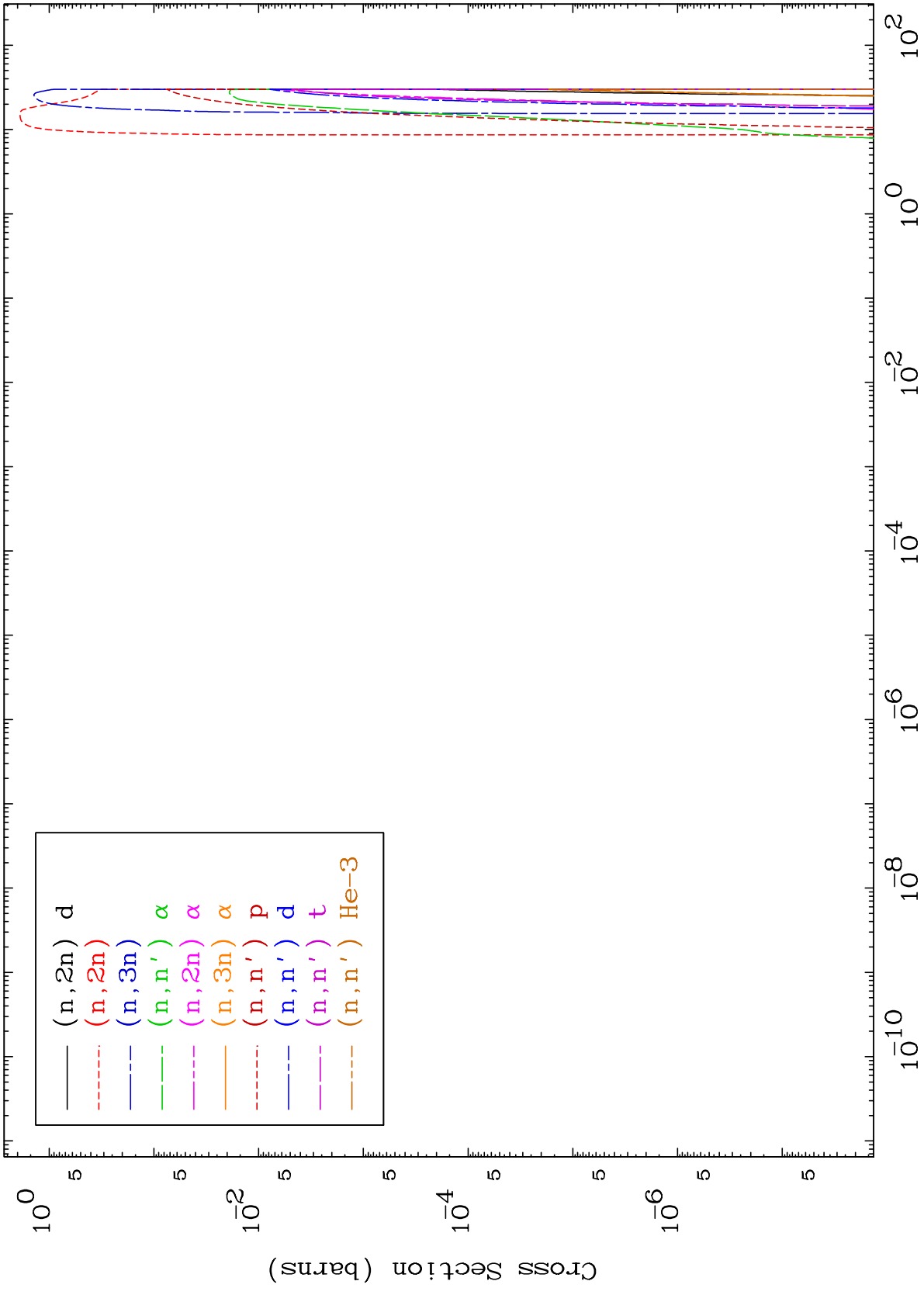
66-Dy-160



MAT 6637

Neutron Absorption
293 Kelvin Cross Sections

66-Dy-160

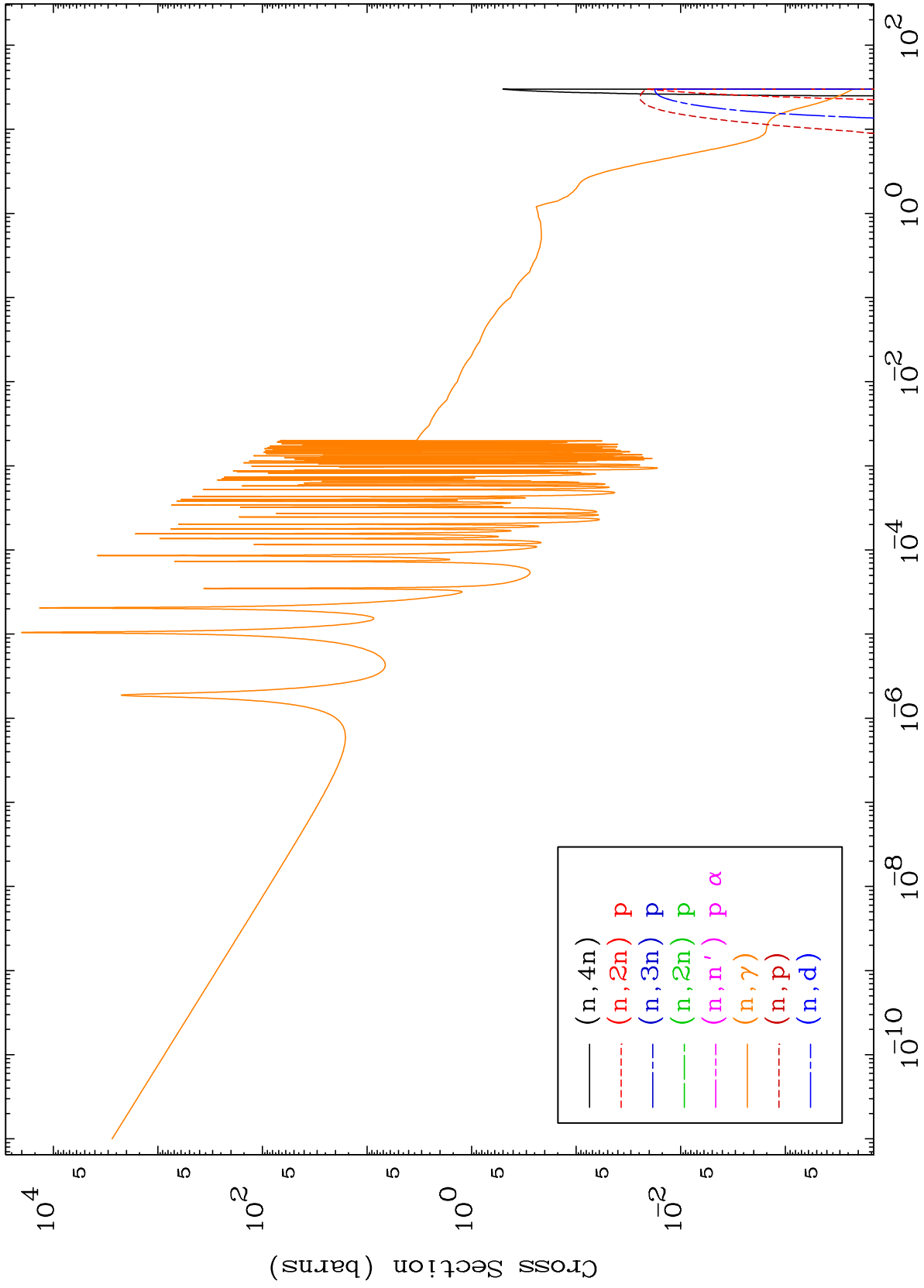


66-Dy-160

MAT 6637

Neutron Absorption
293 Kelvin Cross Sections

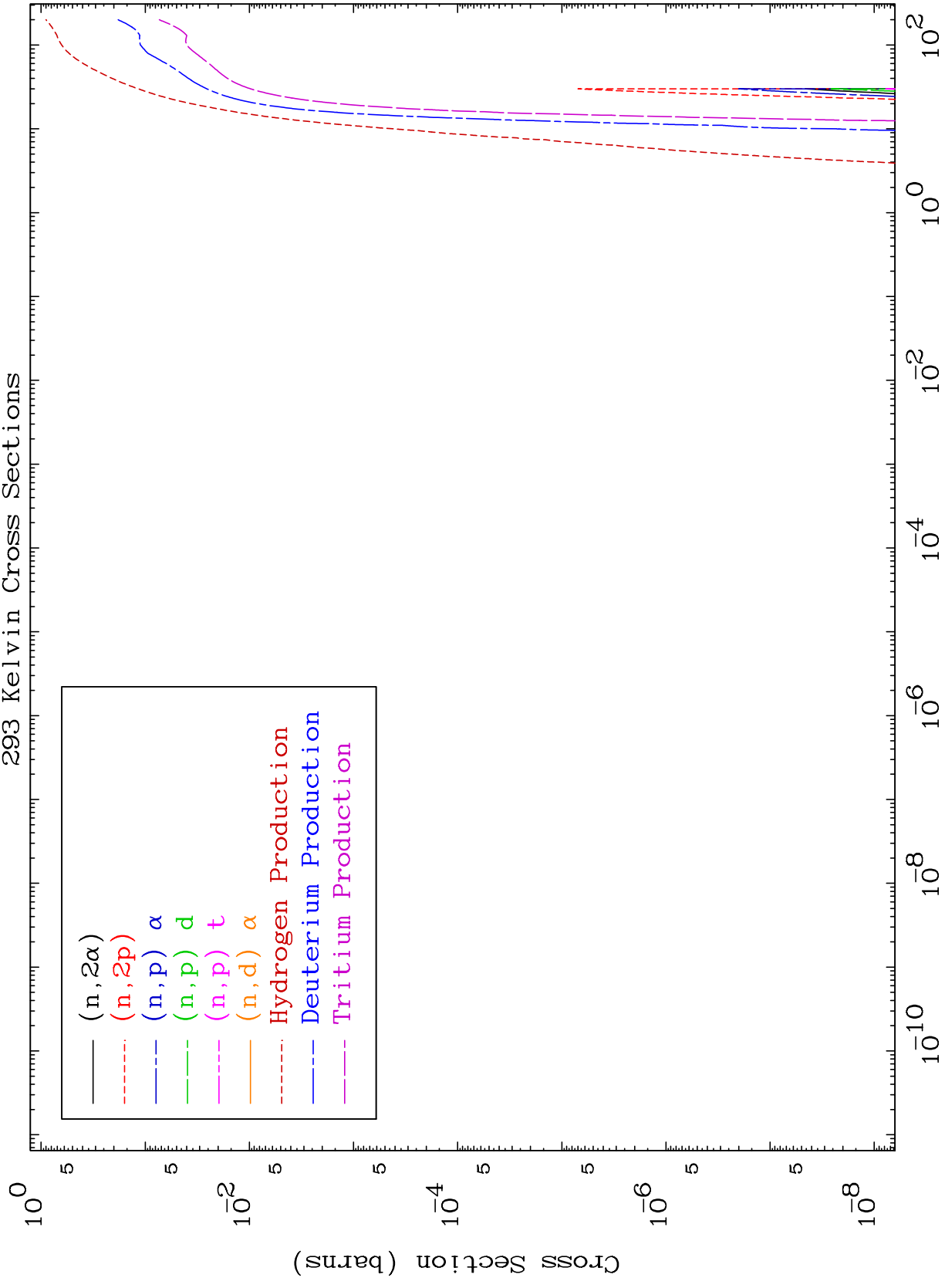
66-Dy-160



MAT 6637

Neutron Absorption
293 Kelvin Cross Sections

66-Dy-160



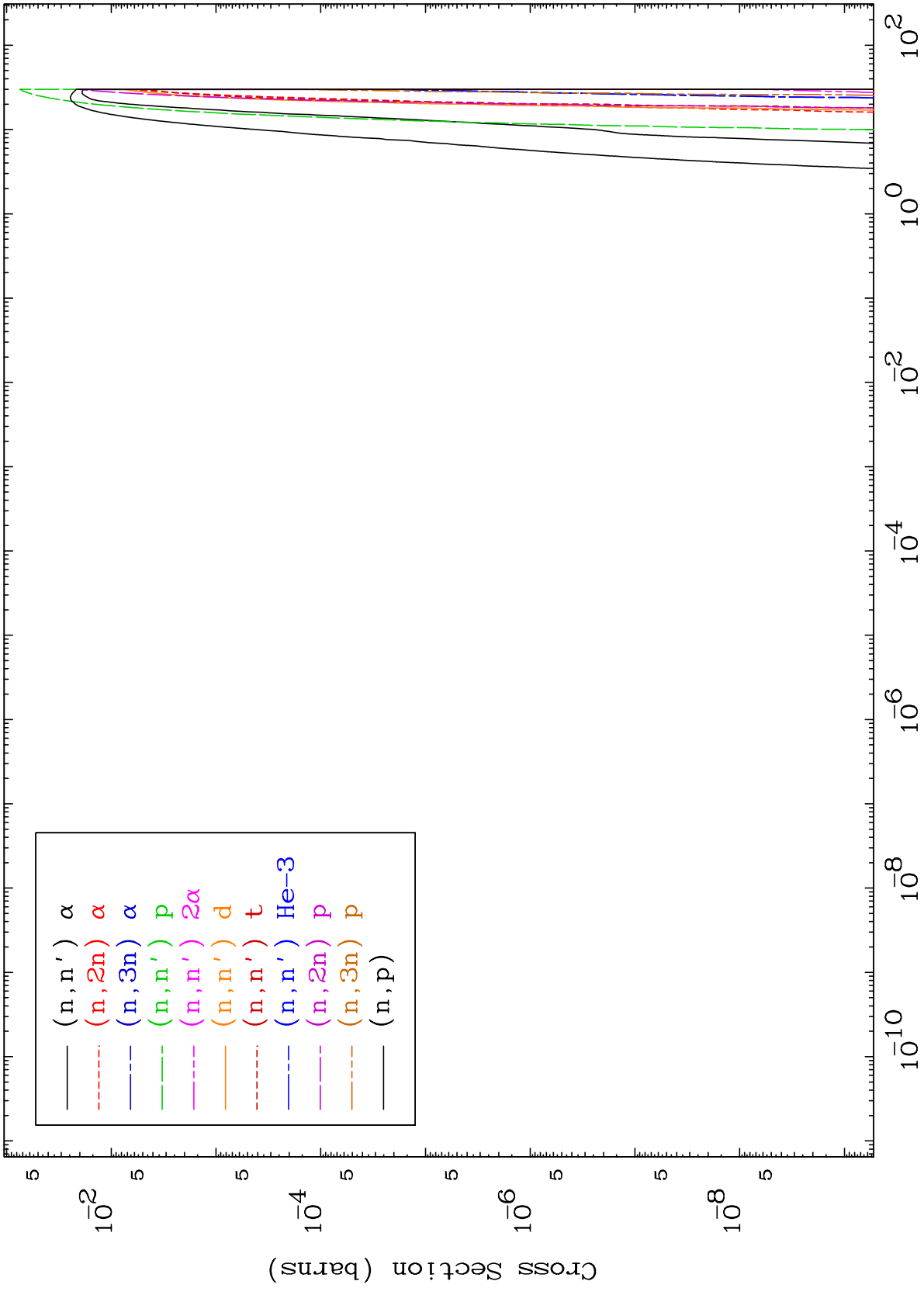
66-Dy-160

Incident Energy (MeV)

MAT 6637

Charged Particle
293 Kelvin Cross Sections

66-Dy-160



5

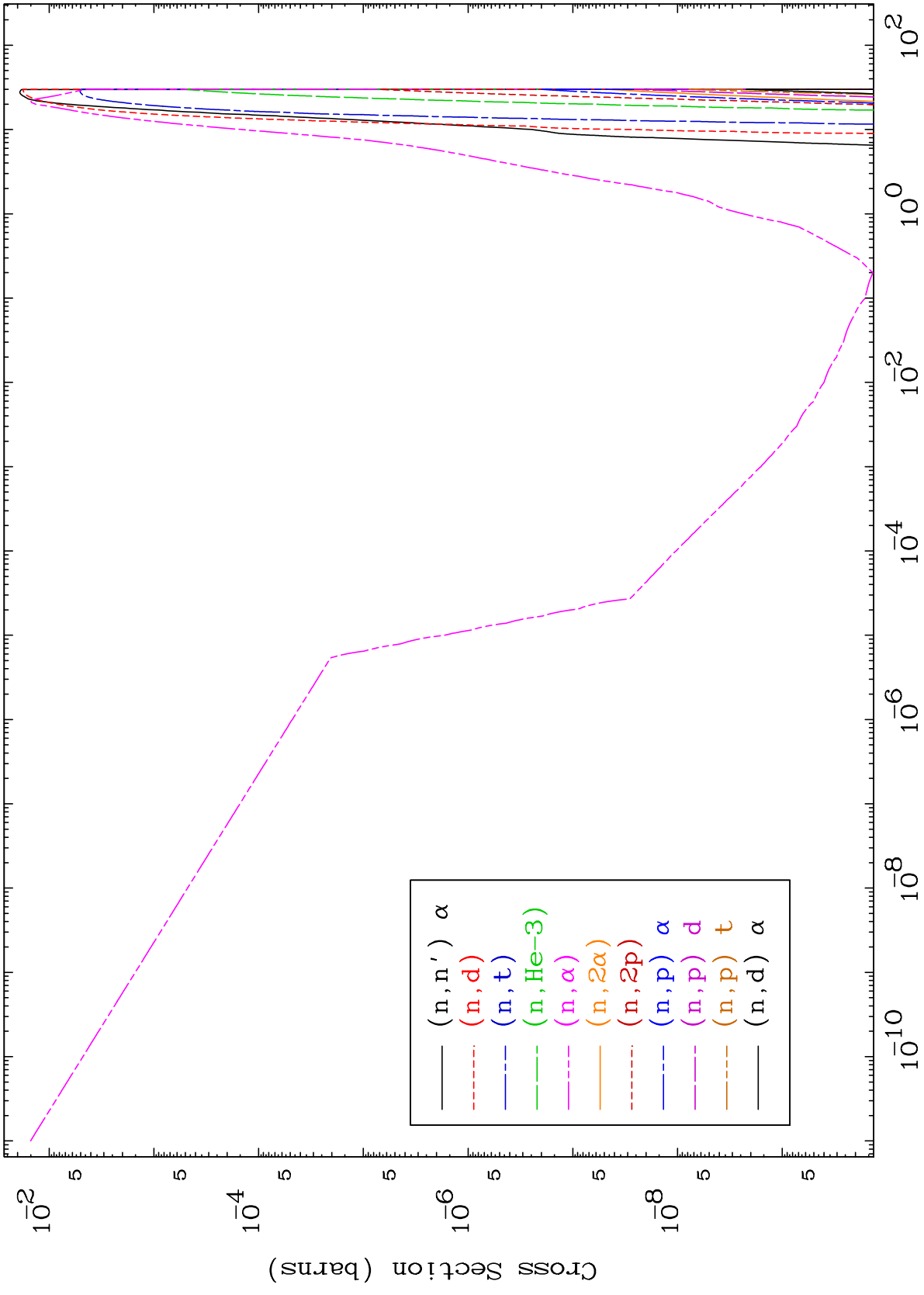
Incident Energy (MeV)

66-Dy-160

MAT 6637

Charged Particle
293 Kelvin Cross Sections

66-Dy-160

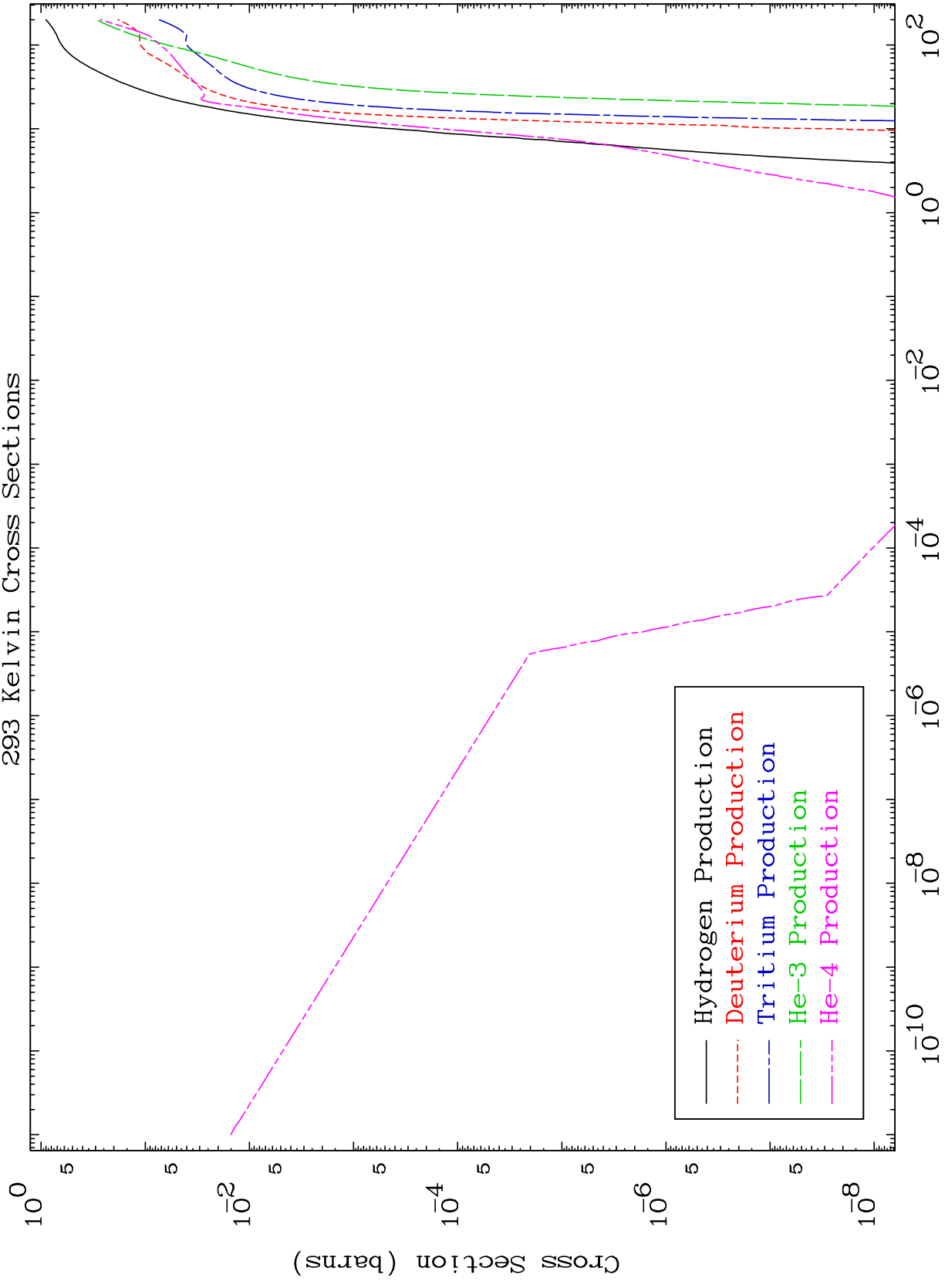


66-Dy-160

MAT 6637

Particle Production
293 Kelvin Cross Sections

66-Dy-160

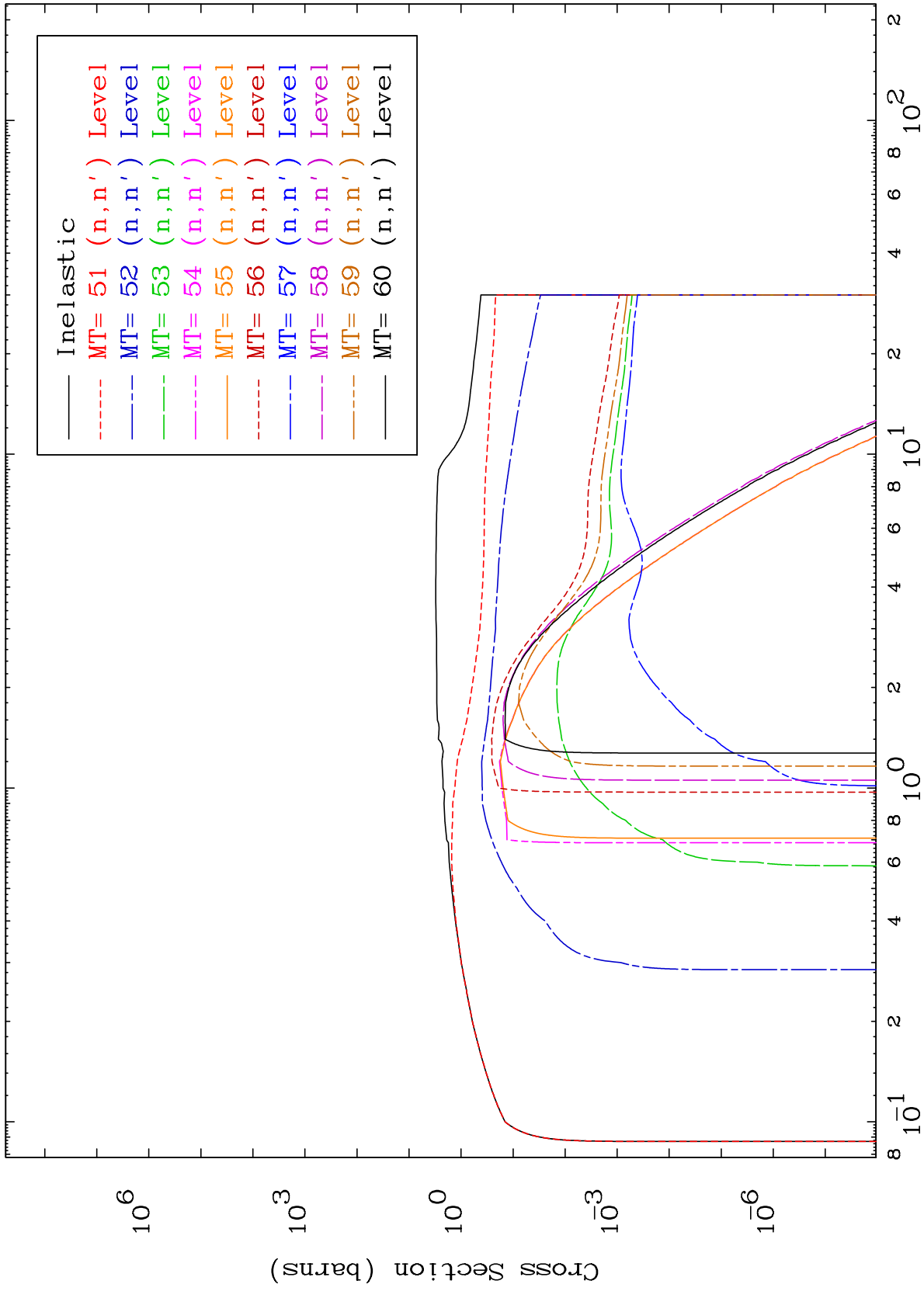


66-Dy-160

MAT 6637

(n,n') Levels
293 Kelvin Cross Sections

66-Dy-160



8

Incident Energy (MeV)

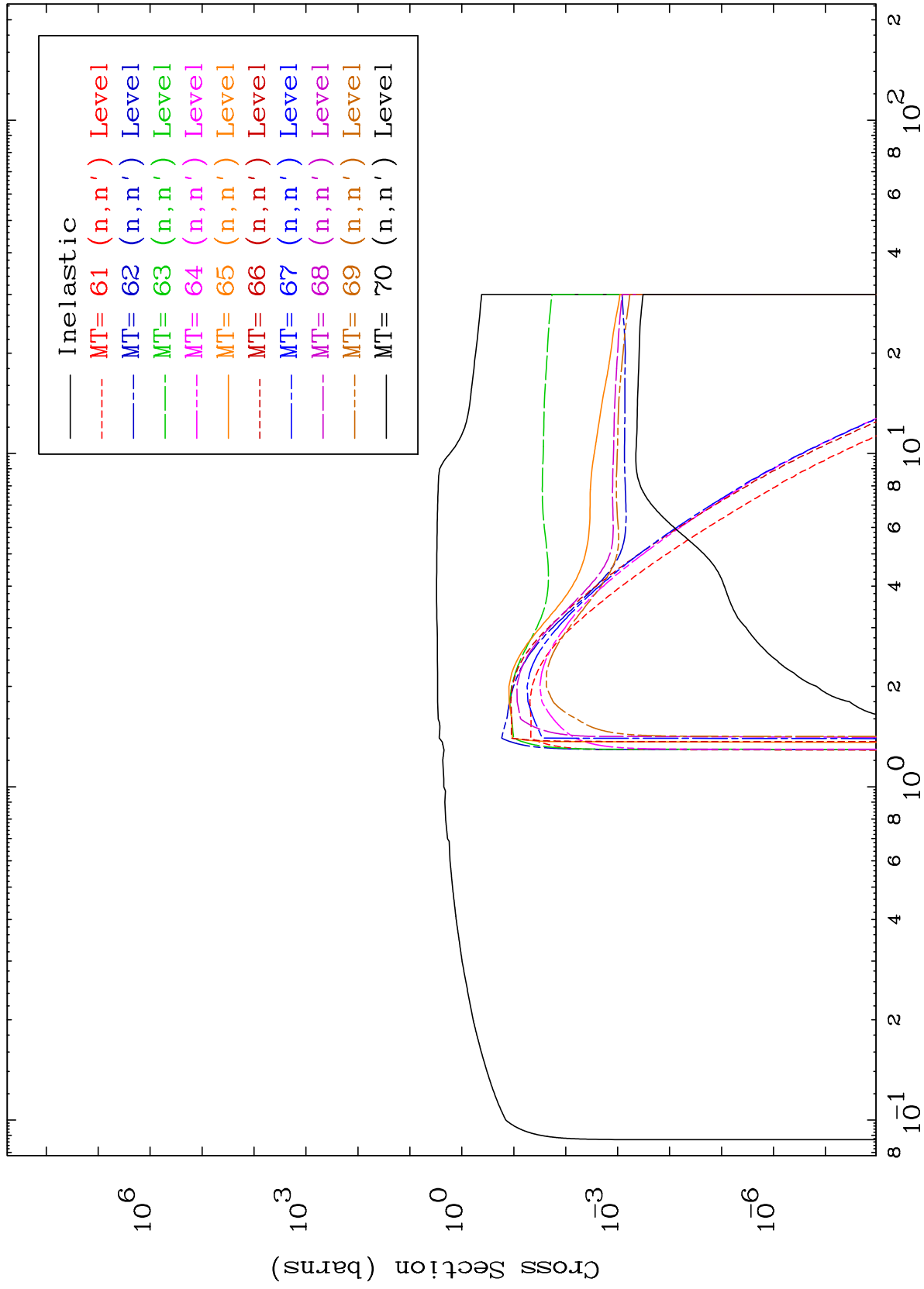
66-Dy-160

MAT 6637

(n,n') Levels

66-Dy-160

293 Kelvin Cross Sections



9

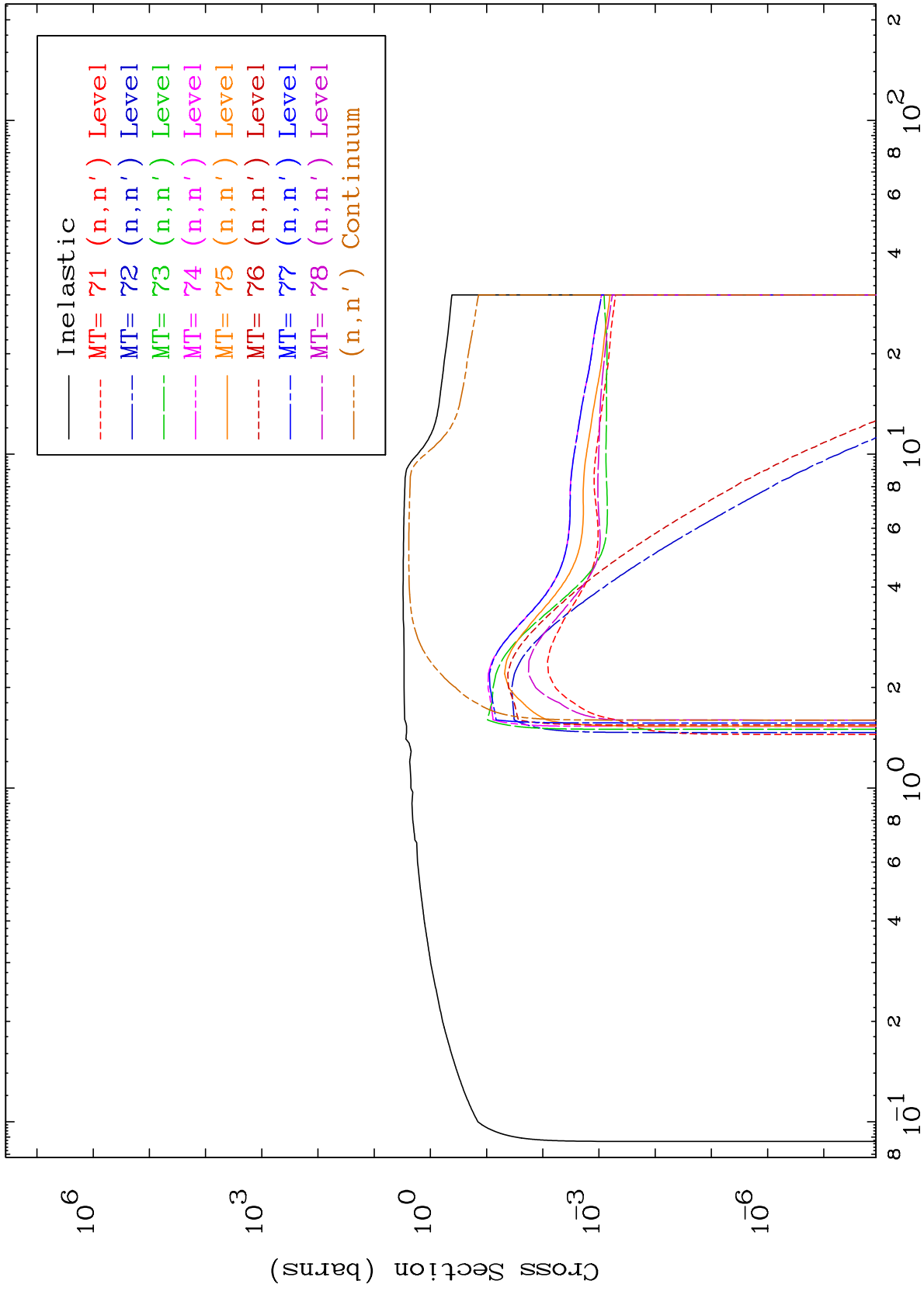
Incident Energy (MeV)

66-Dy-160

MAT 6637

(n,n') Levels
293 Kelvin Cross Sections

66-Dy-160



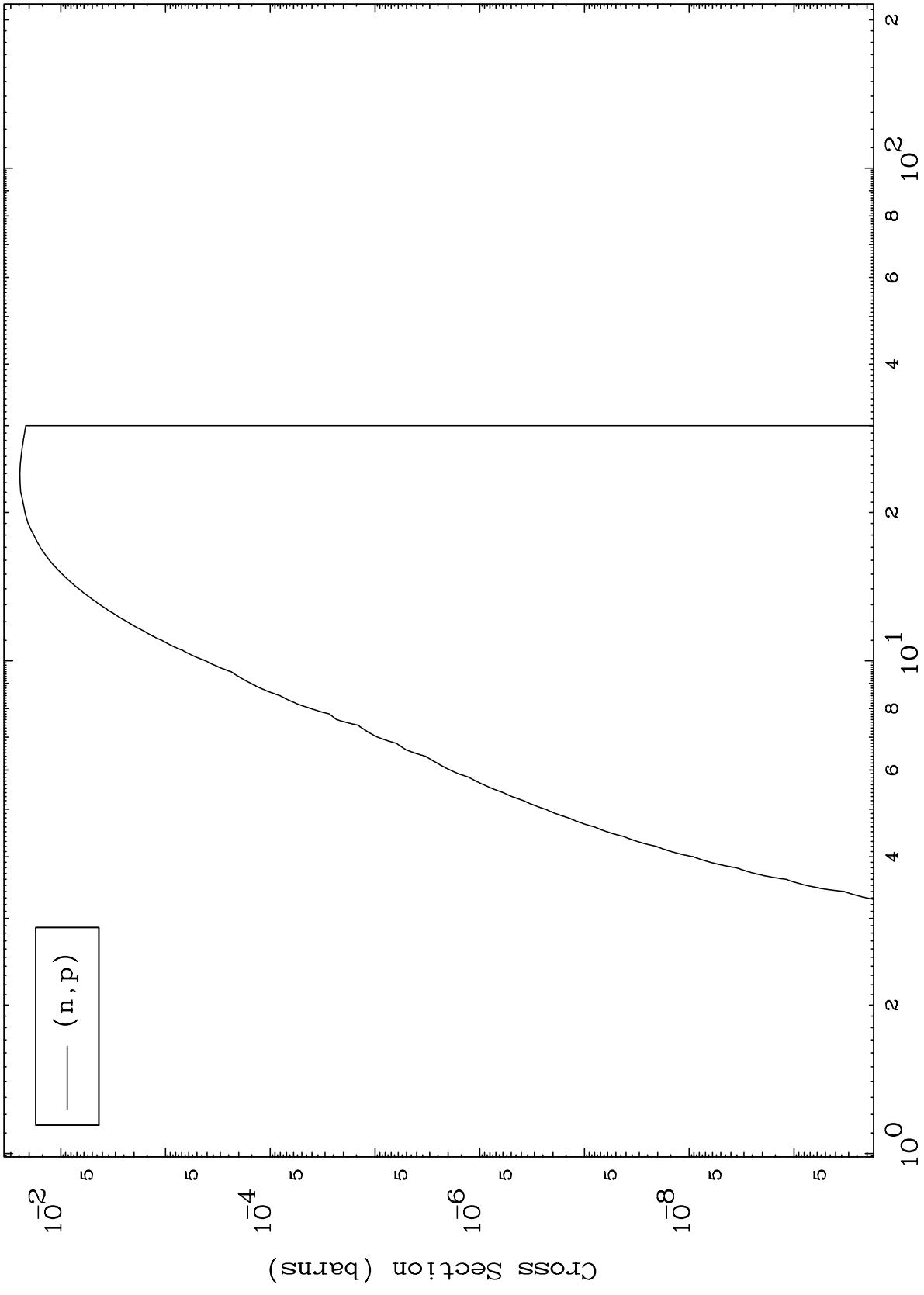
Incident Energy (MeV)

66-Dy-160

MAT 6637

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-160



(n,p)

11

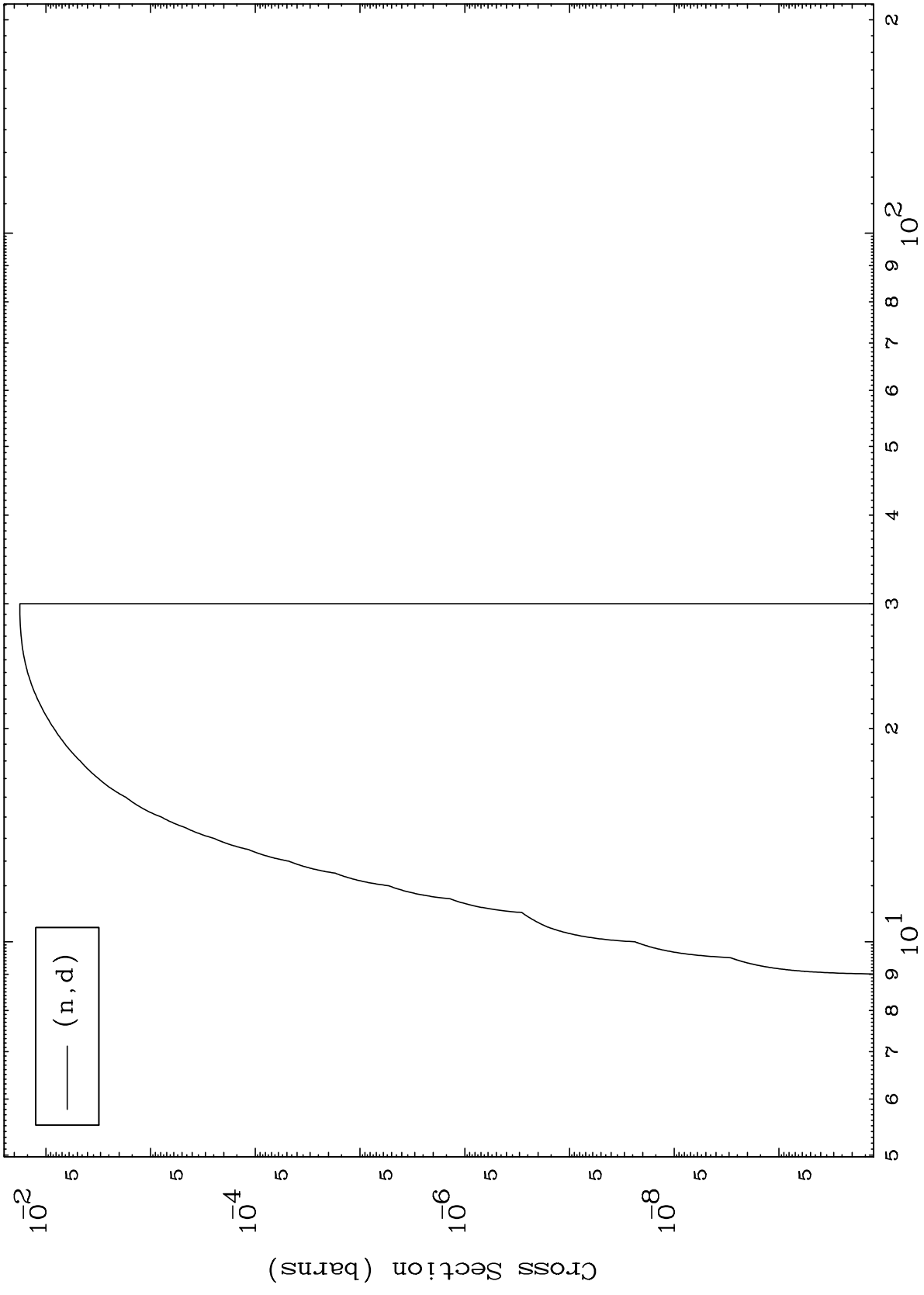
Incident Energy (MeV)

66-Dy-160

MAT 6637

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-160



12

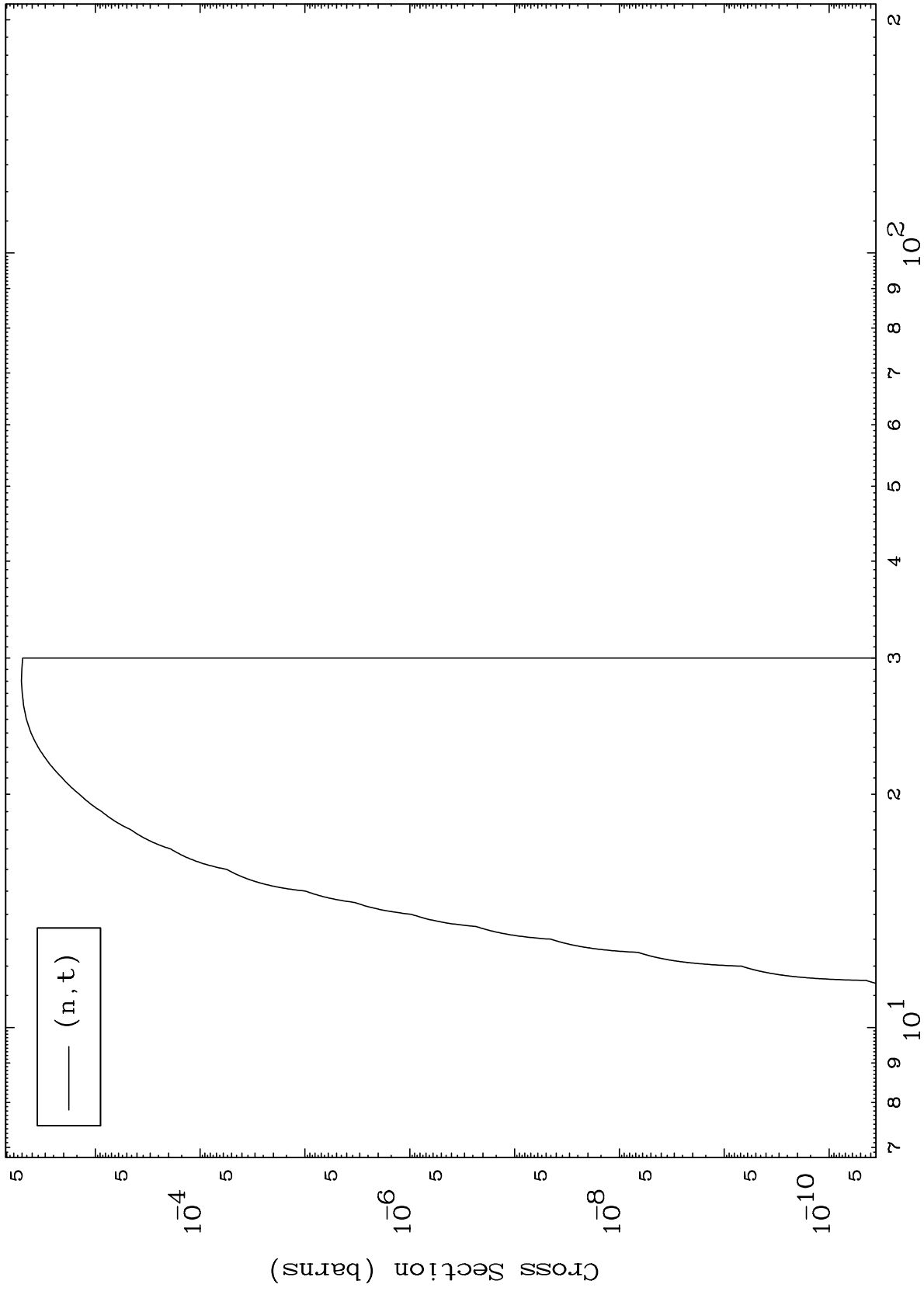
Incident Energy (MeV)

66-Dy-160

MAT 6637

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-160



13

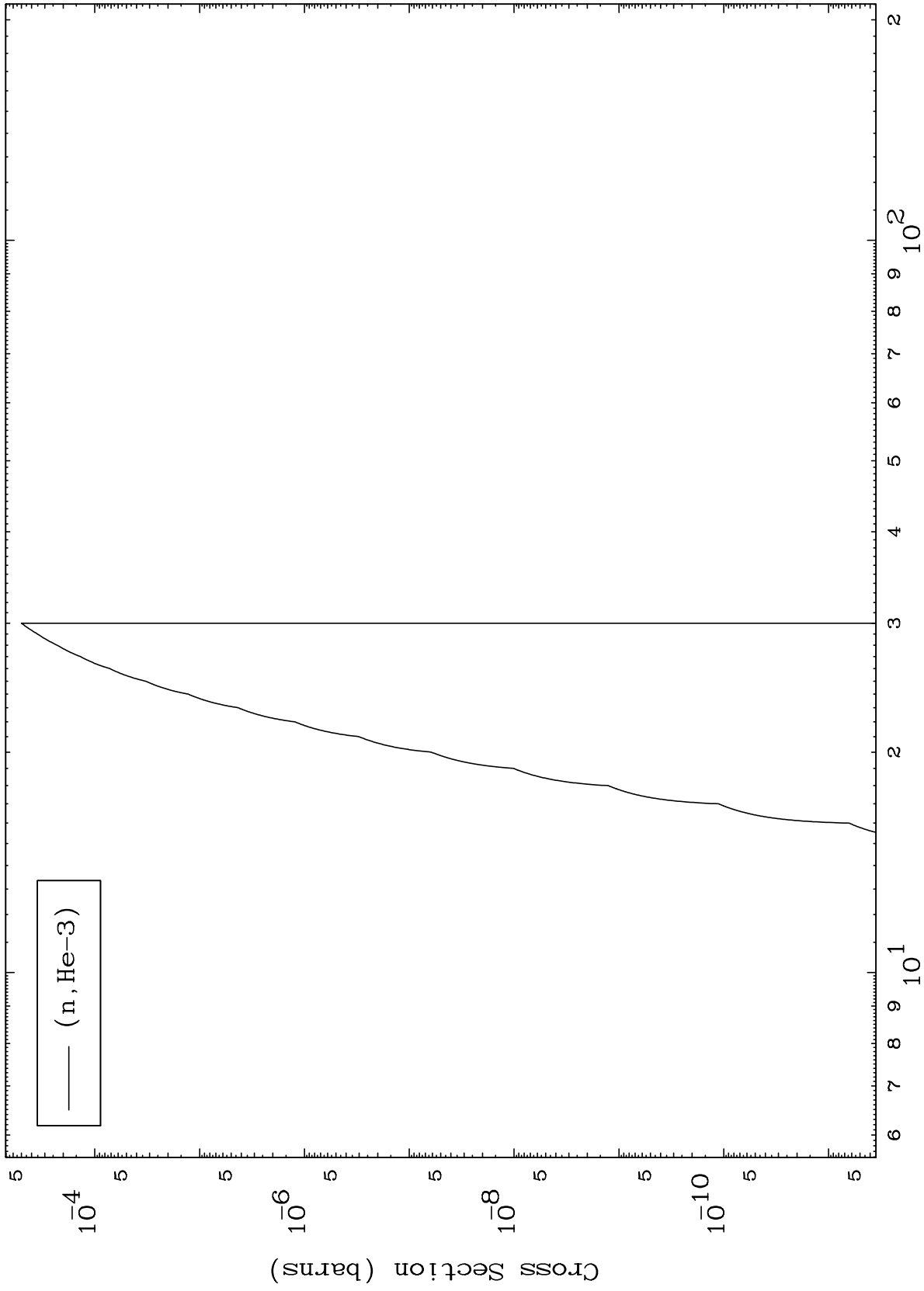
Incident Energy (MeV)

66-Dy-160

MAT 6637

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-160



14

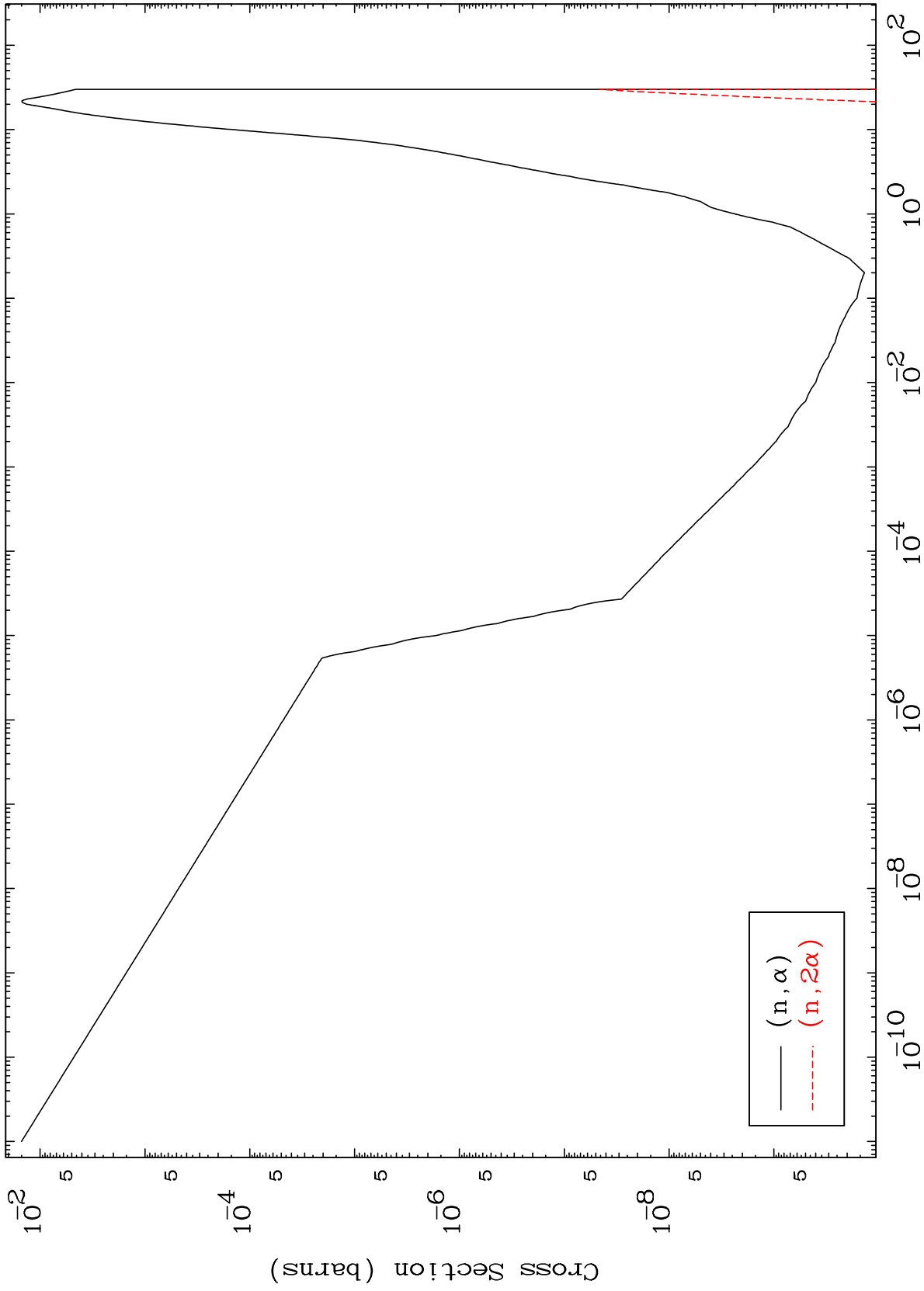
Incident Energy (MeV)

66-Dy-160

MAT 6637

(n,α) Levels
293 Kelvin Cross Sections

66-Dy-160



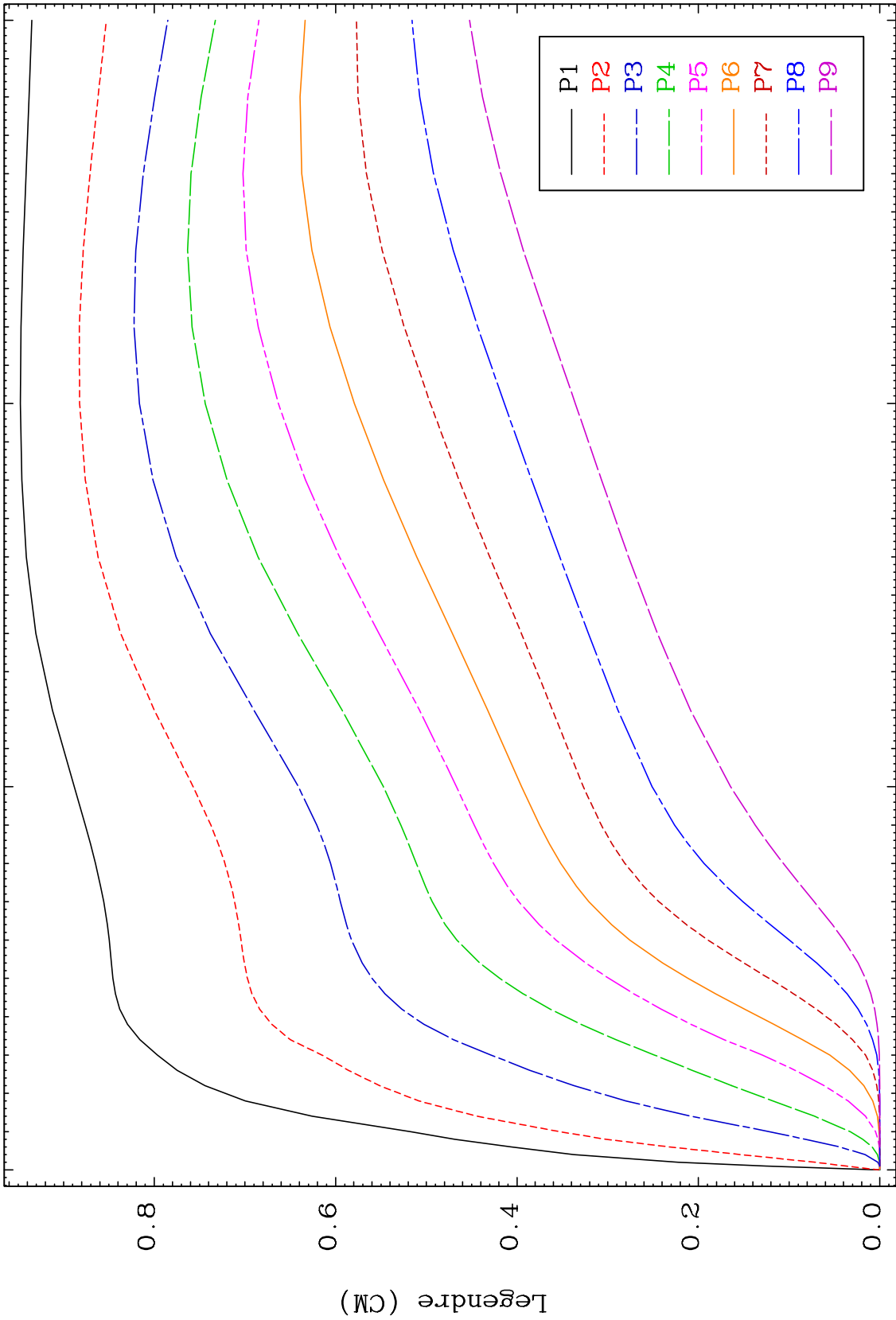
15

66-Dy-160

MAT 6637

Elastic Legendre Coefficients

66-Dy-160



16

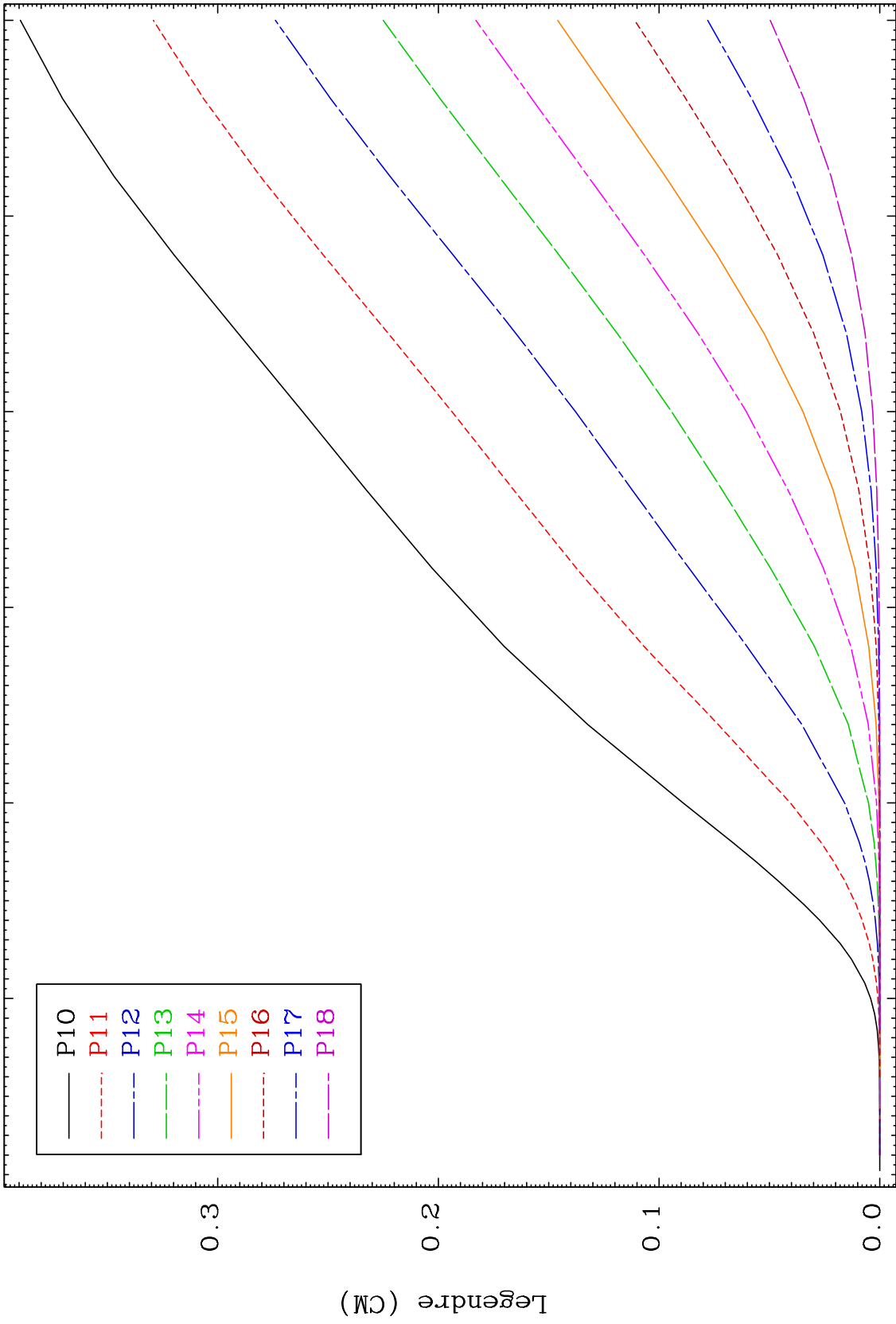
Incident Energy (MeV)

66-Dy-160

MAT 6637

Elastic Legendre Coefficients

66-Dy-160



17

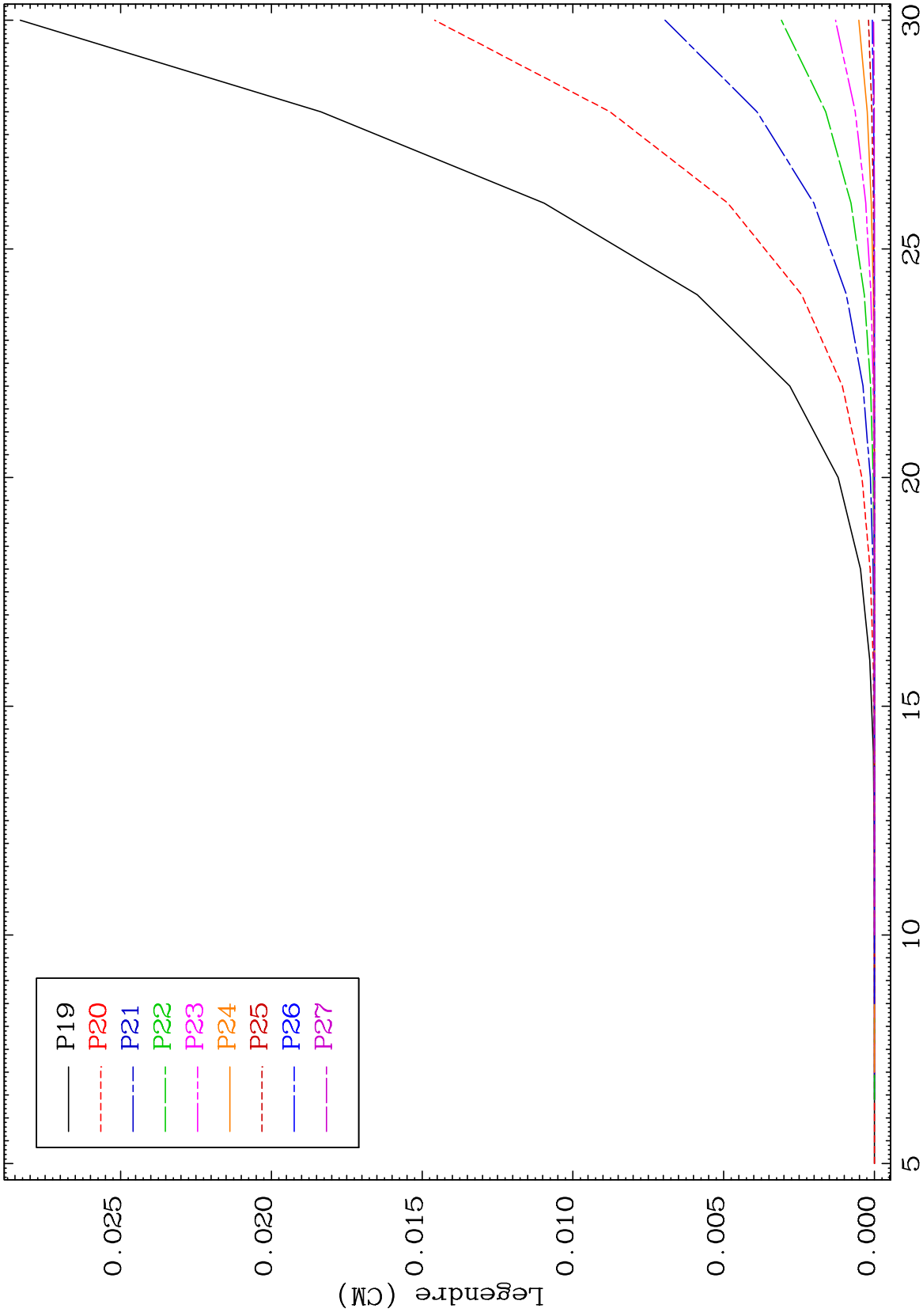
Incident Energy (MeV)

66-Dy-160

MAT 6637

Elastic Legendre Coefficients

66-Dy-160



18

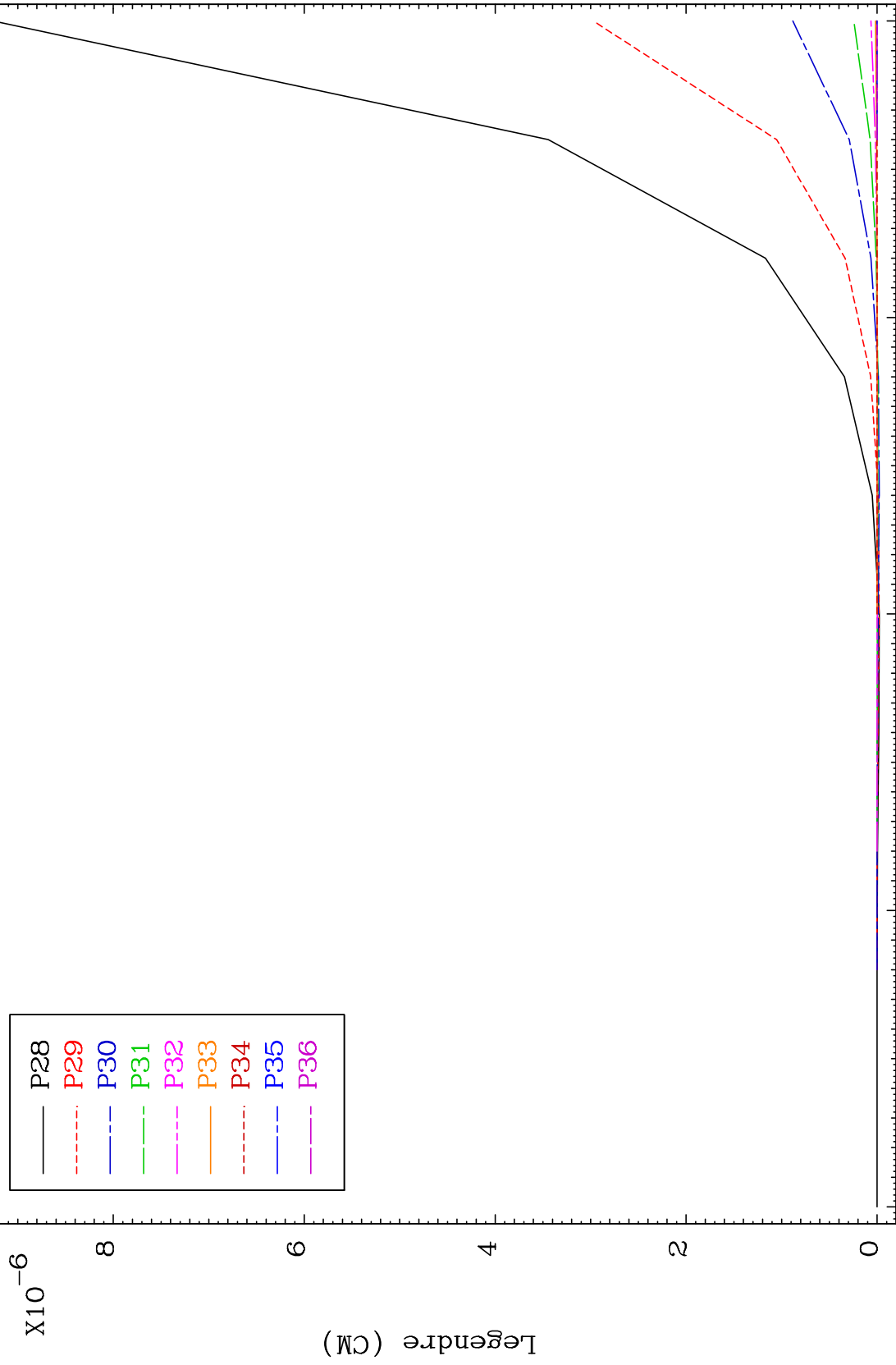
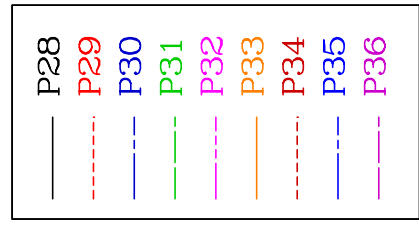
Incident Energy (MeV)

66-Dy-160

MAT 6637

Elastic Legendre Coefficients

66-Dy-160



19

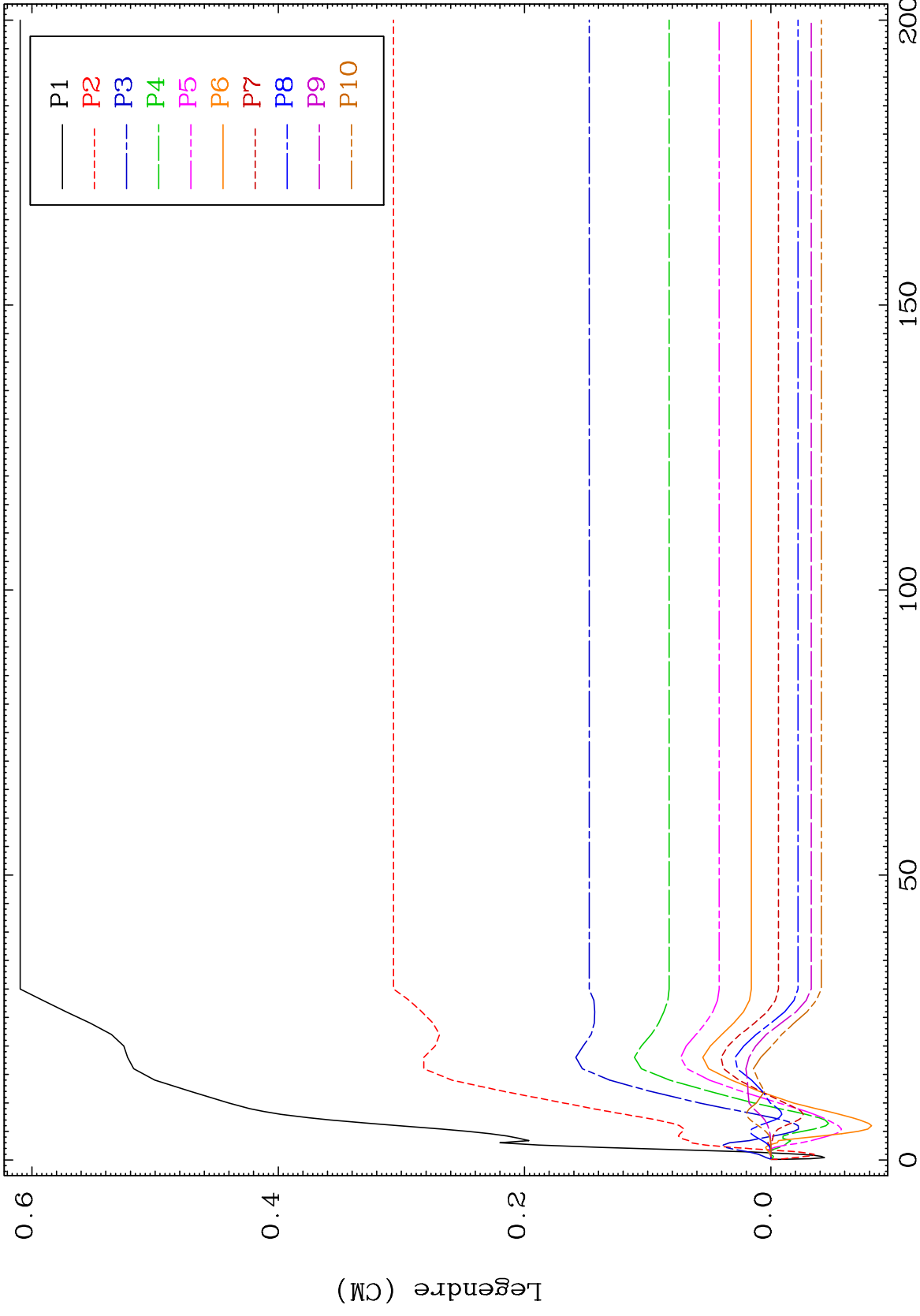
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



20

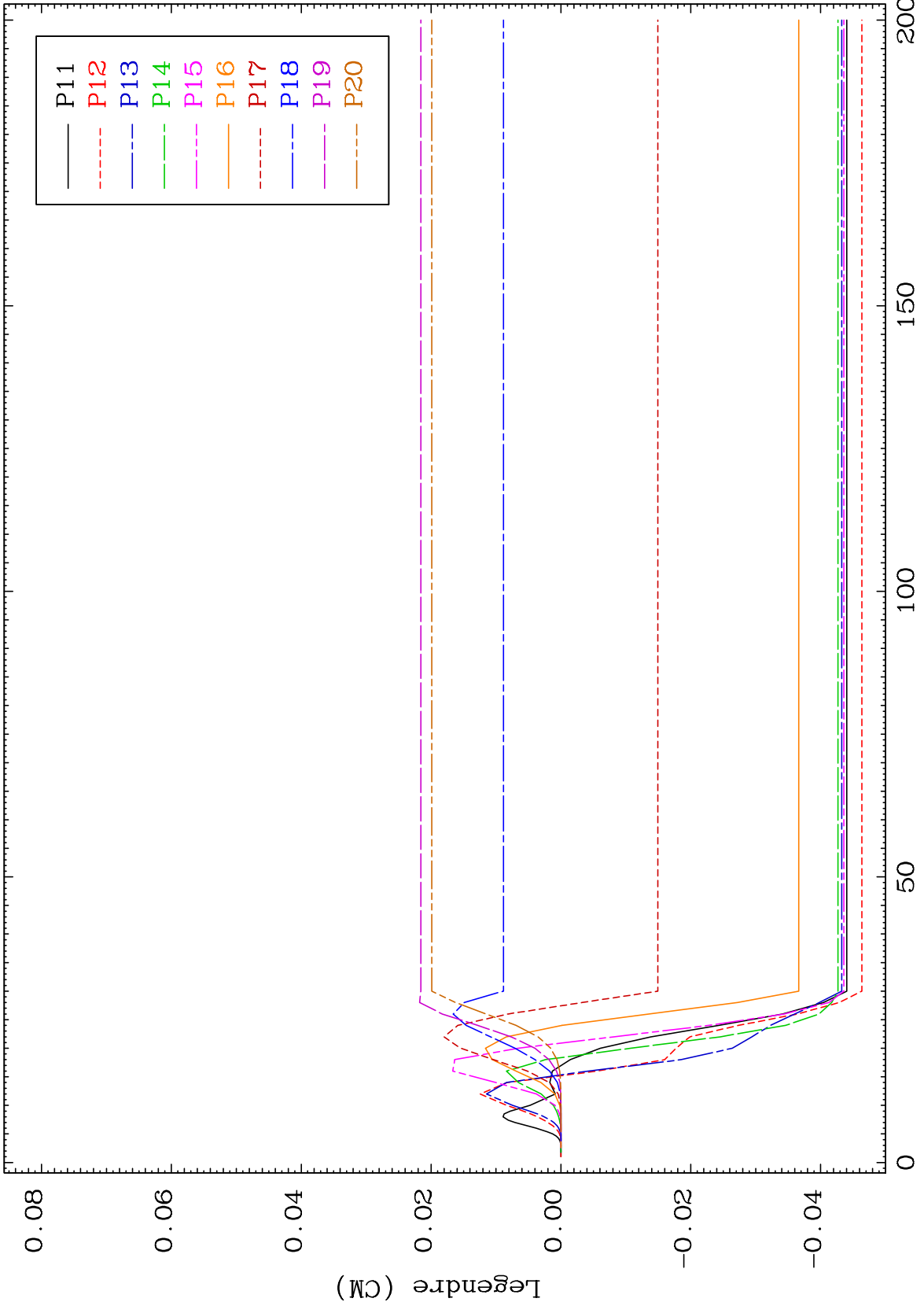
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



21

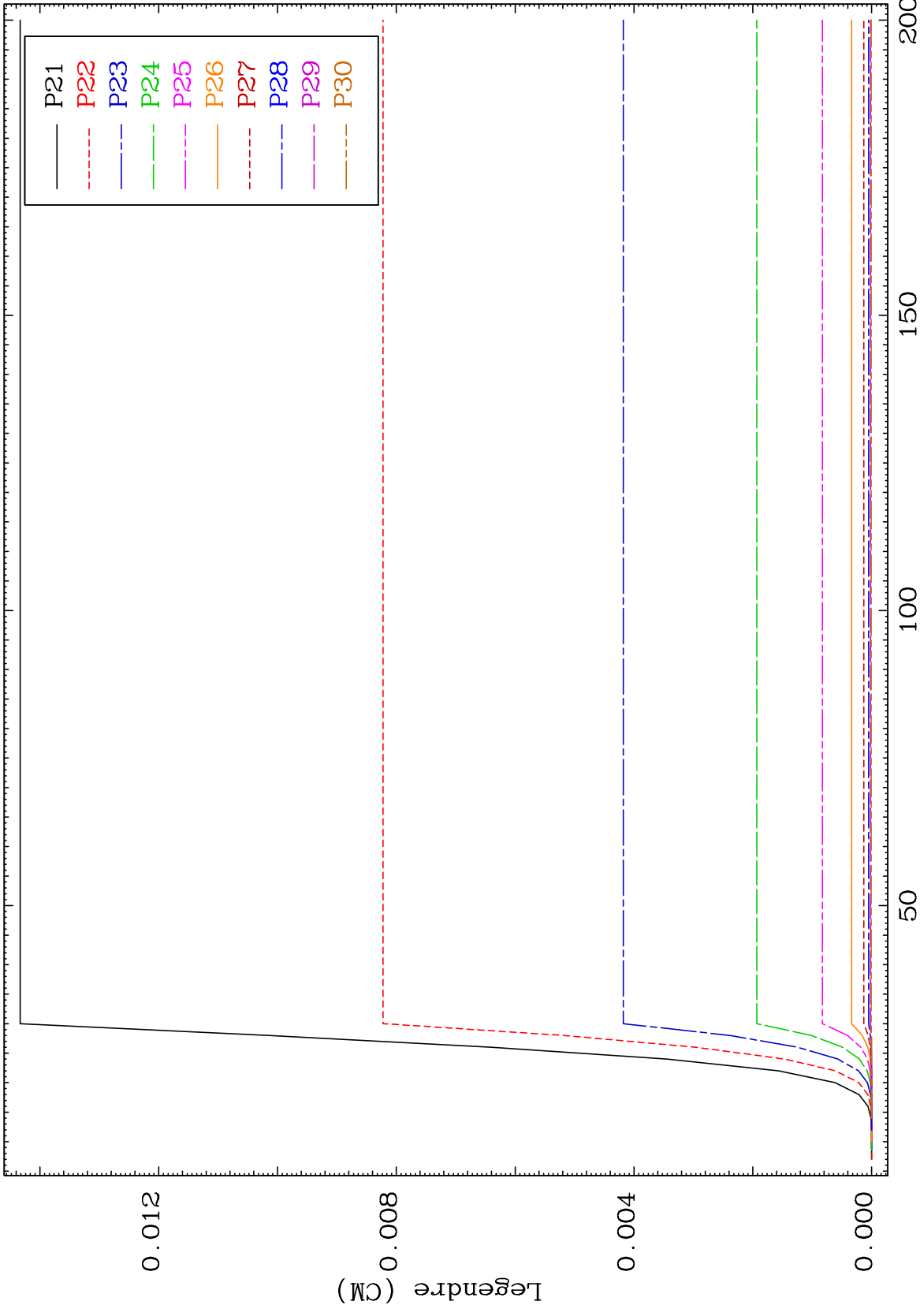
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



22

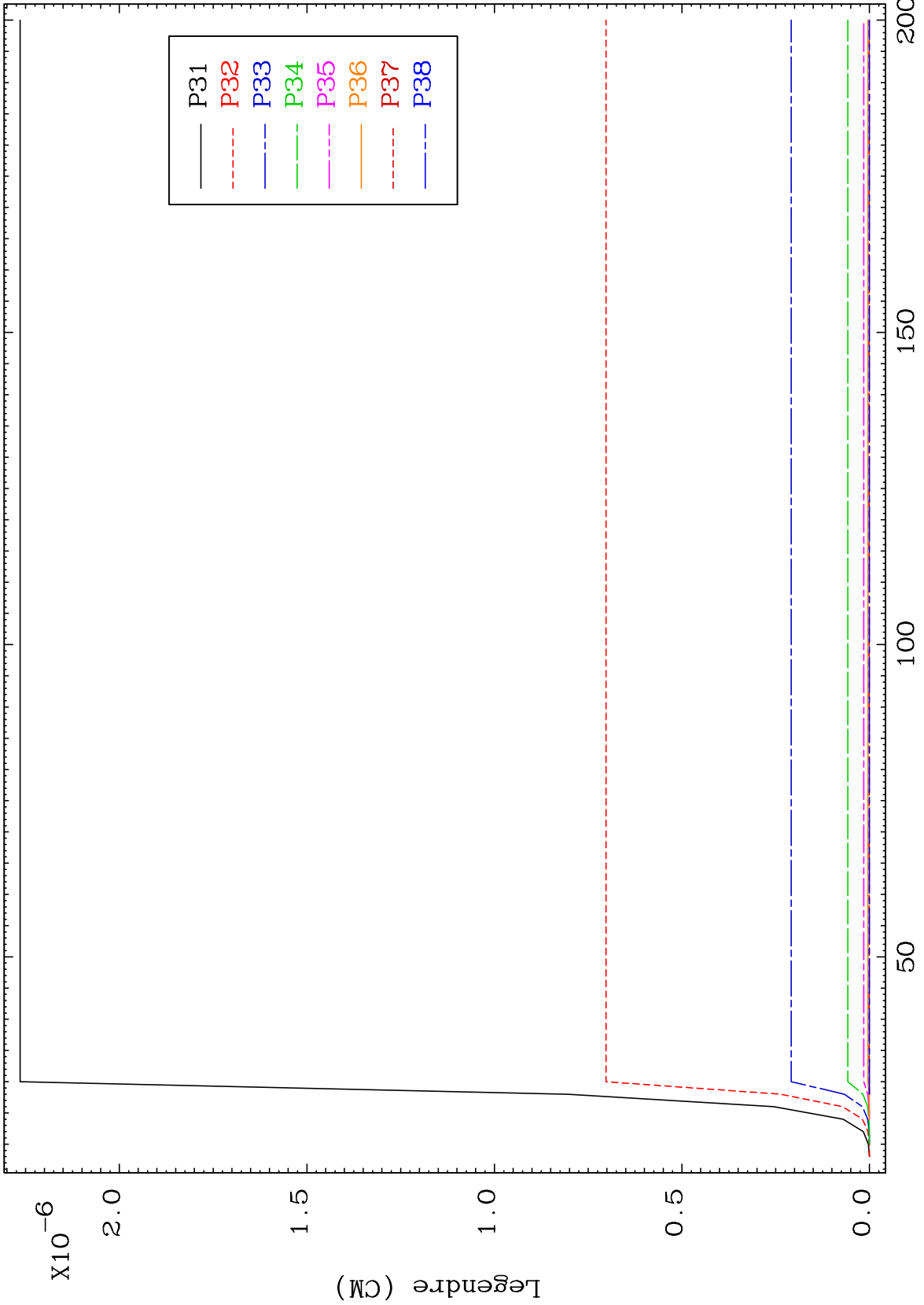
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



23

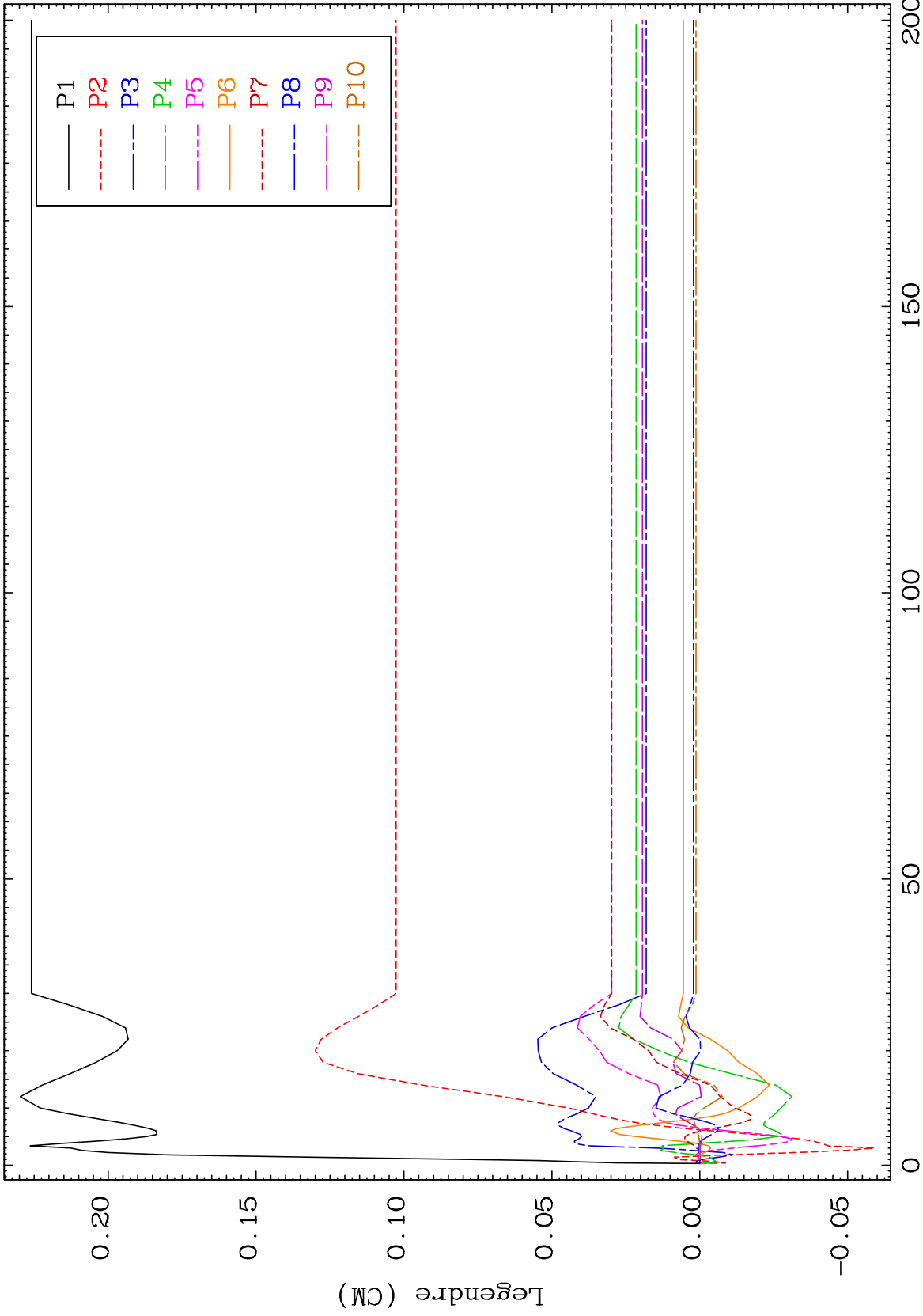
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



24

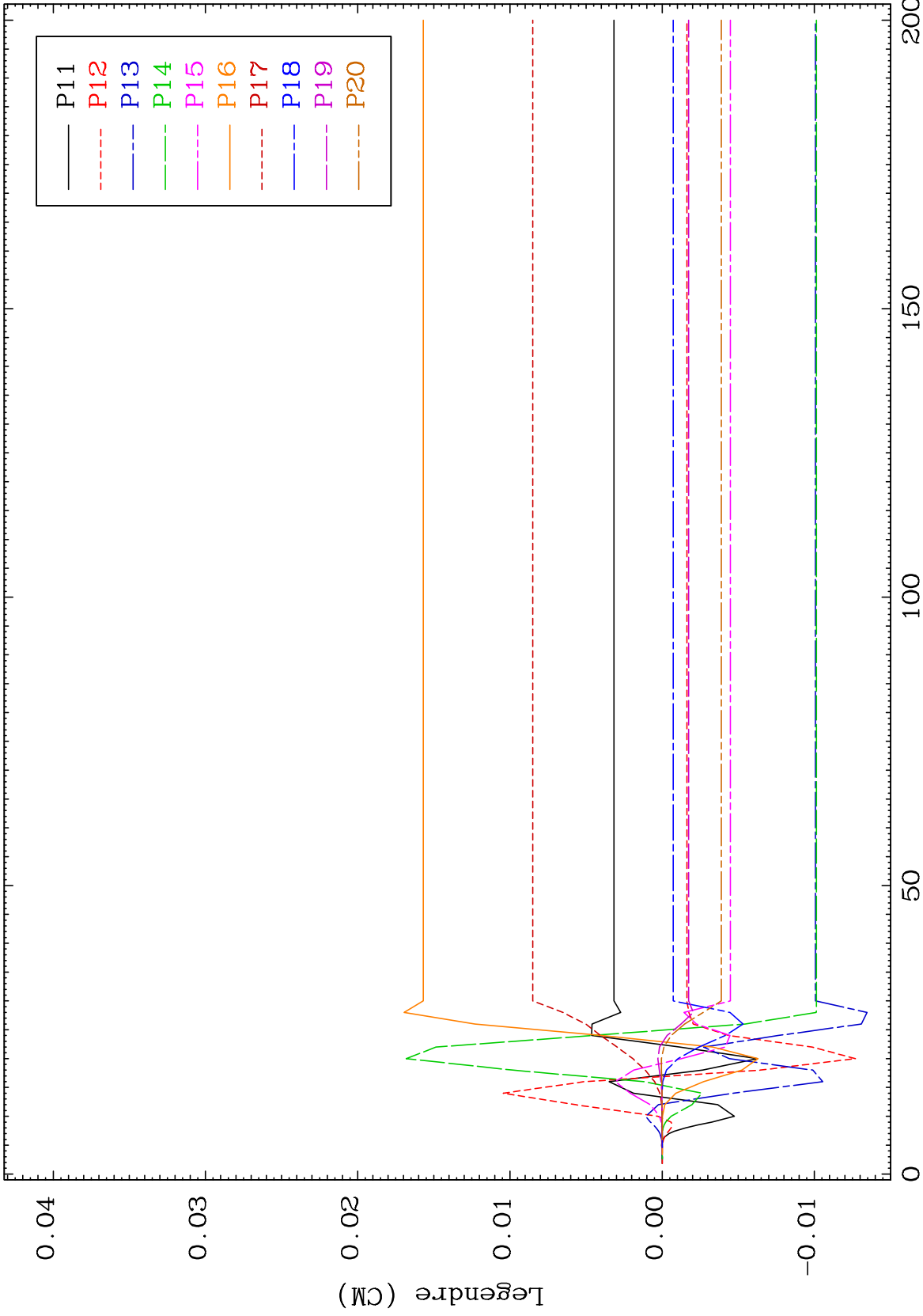
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



25

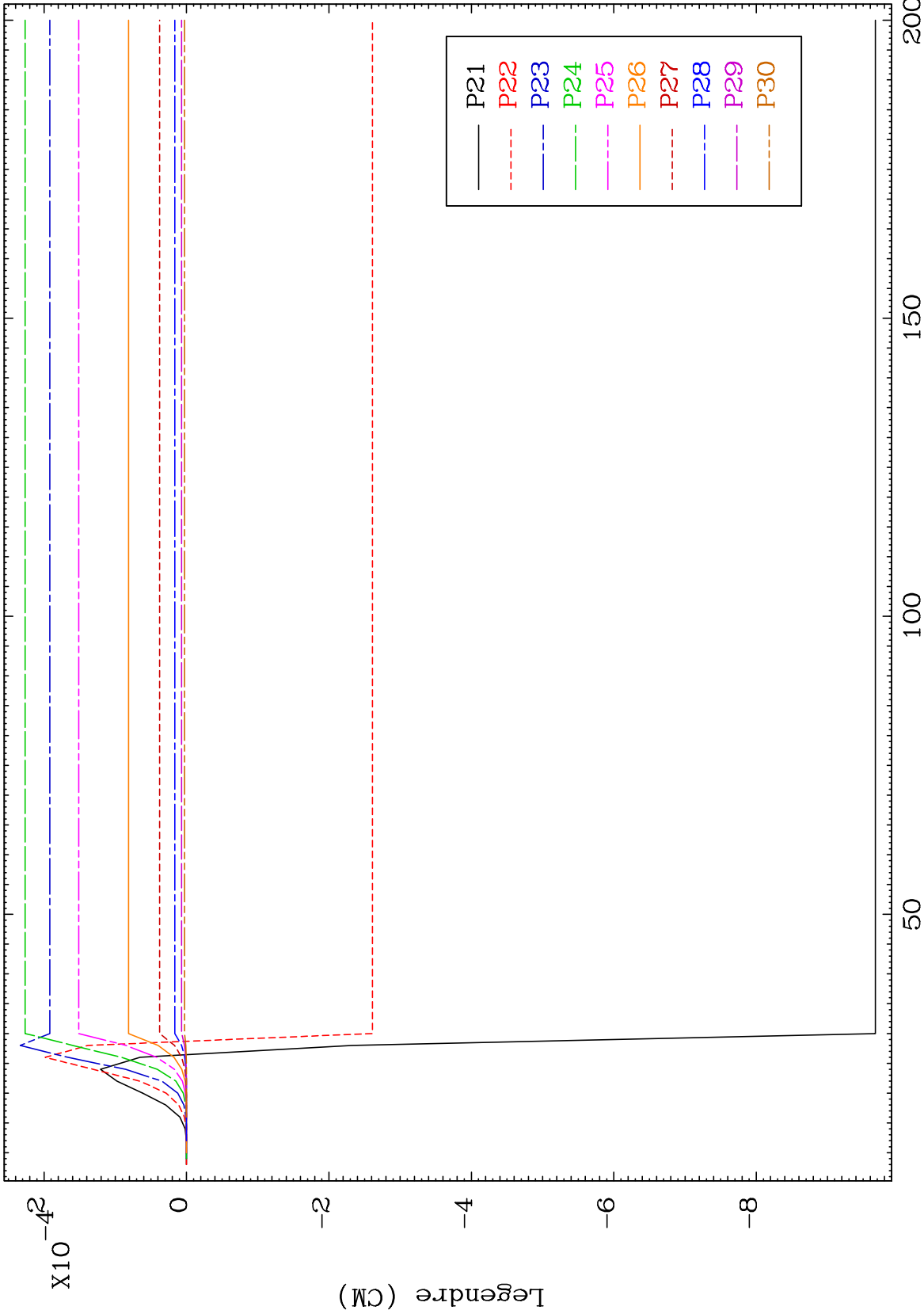
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



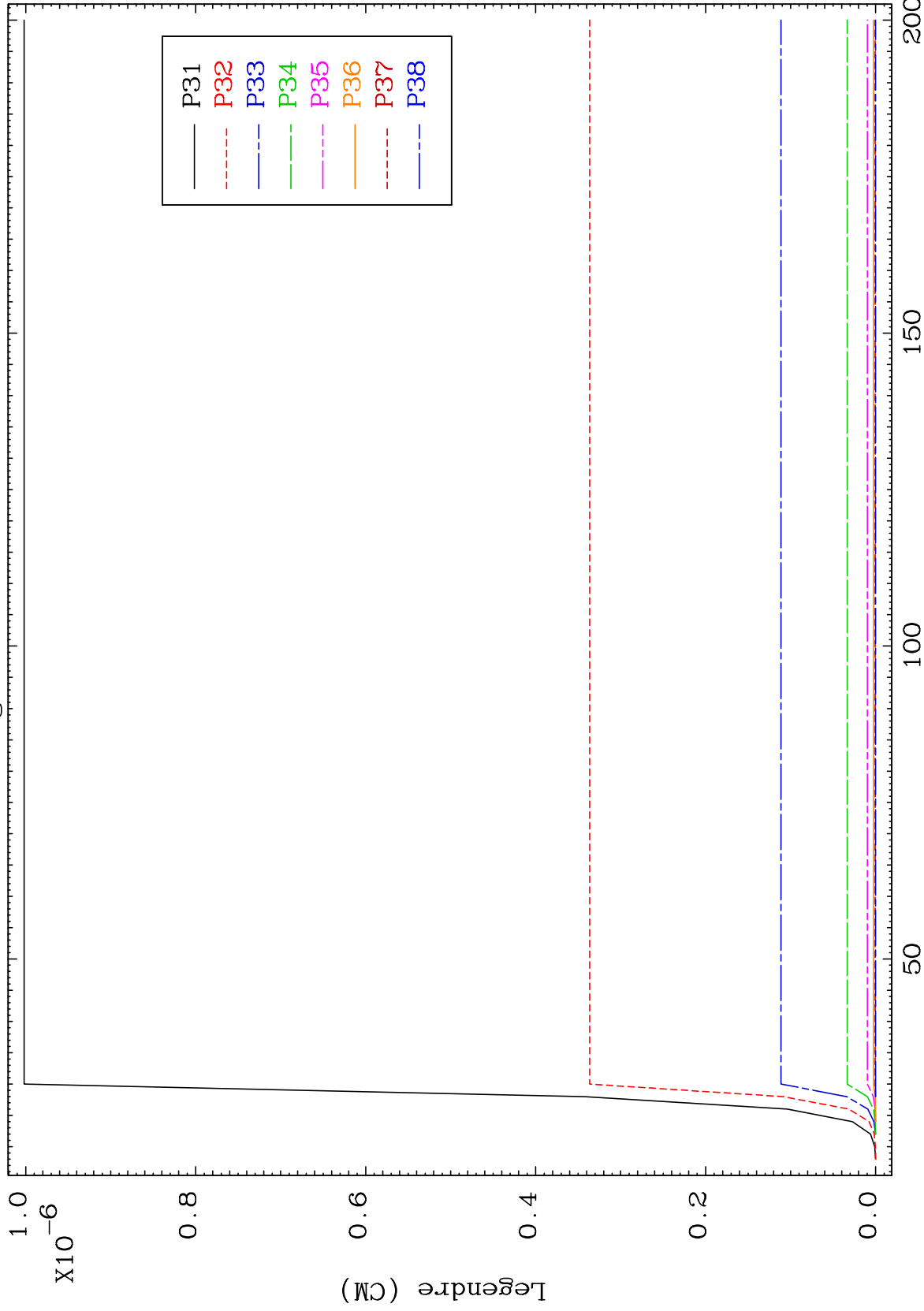
26

66-Dy-160

MAT 6637

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

66-Dy-160



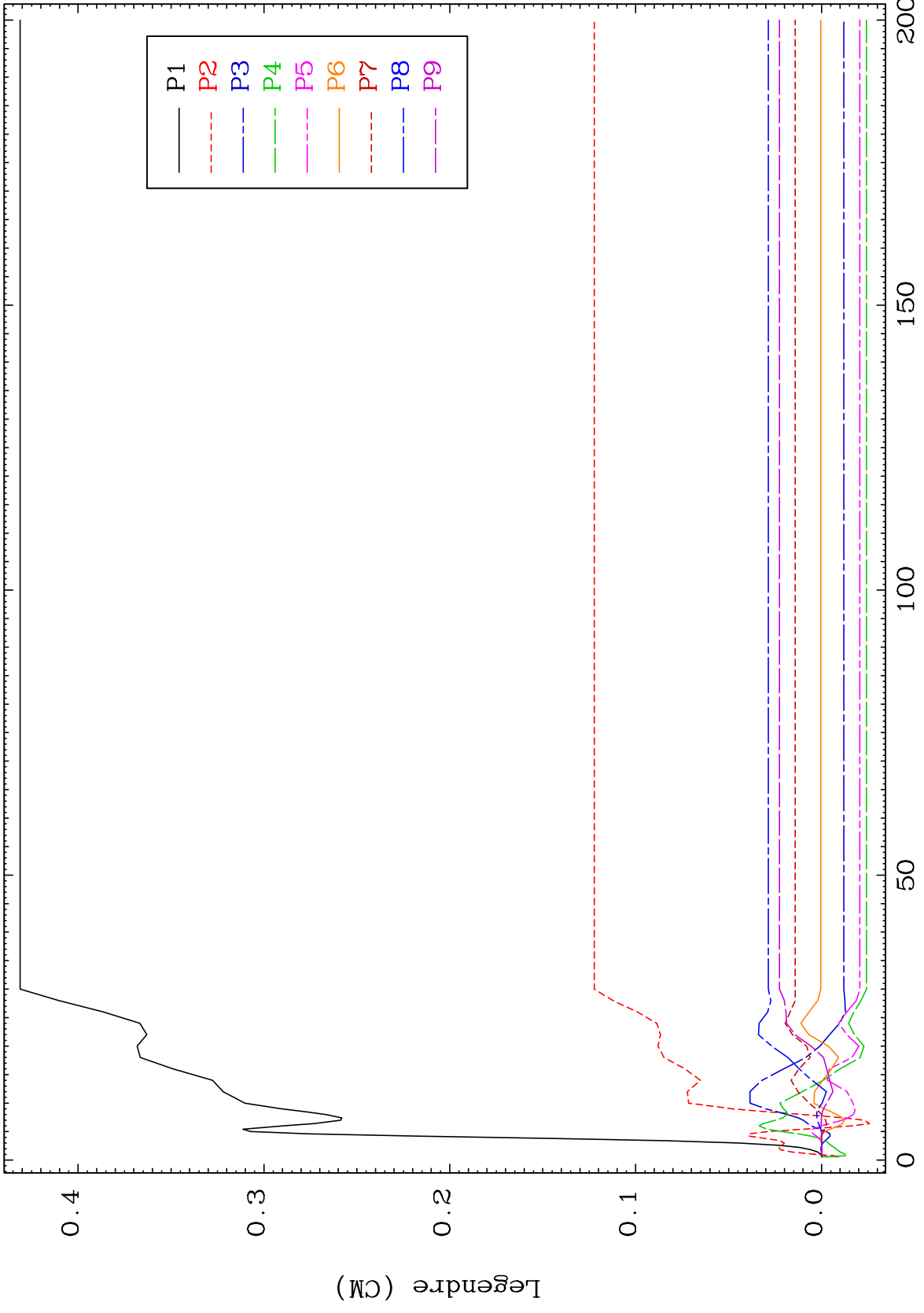
27

66-Dy-160

MAT 6637

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

66-Dy-160



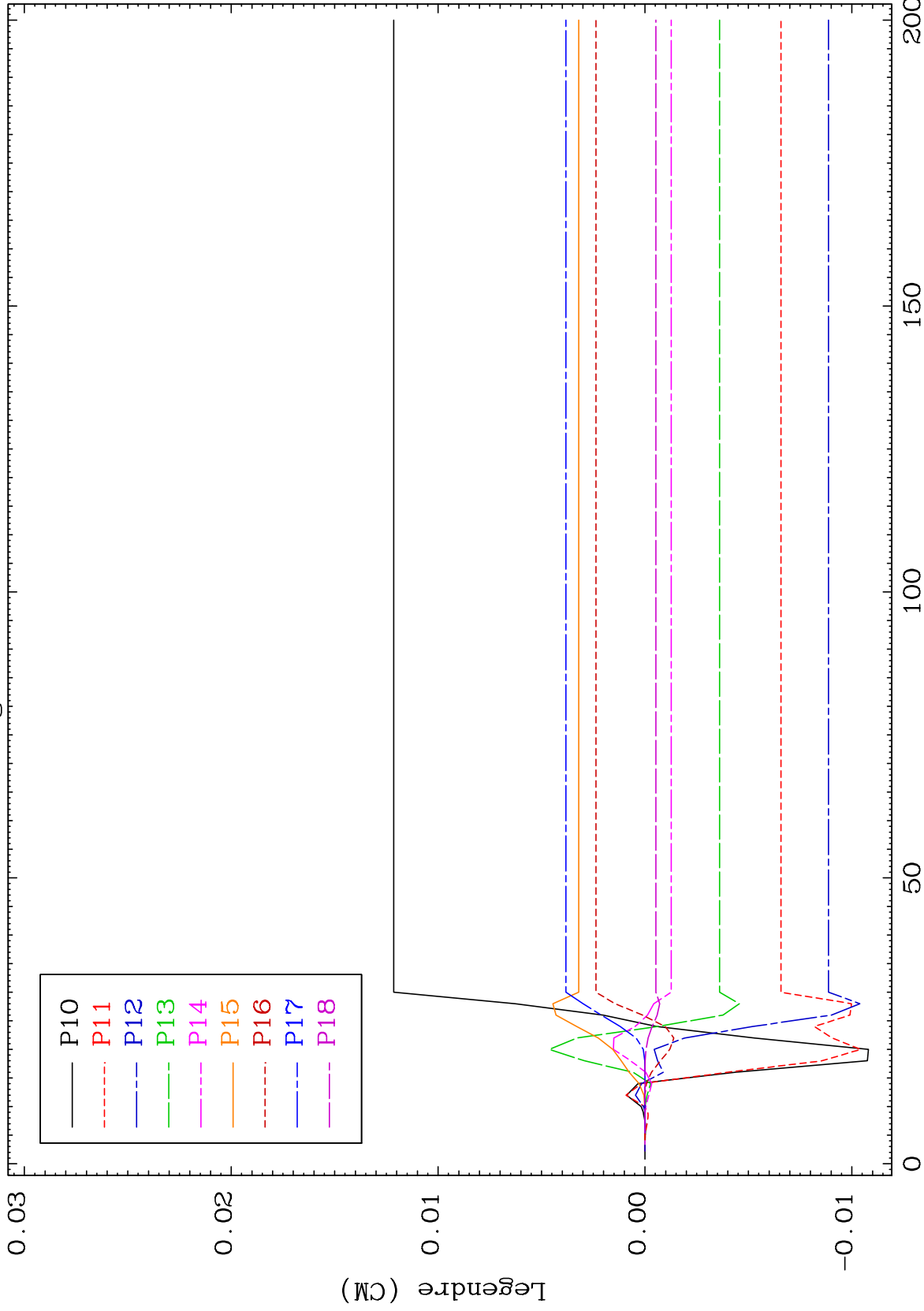
28

66-Dy-160

MAT 6637

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

66-Dy-160



29

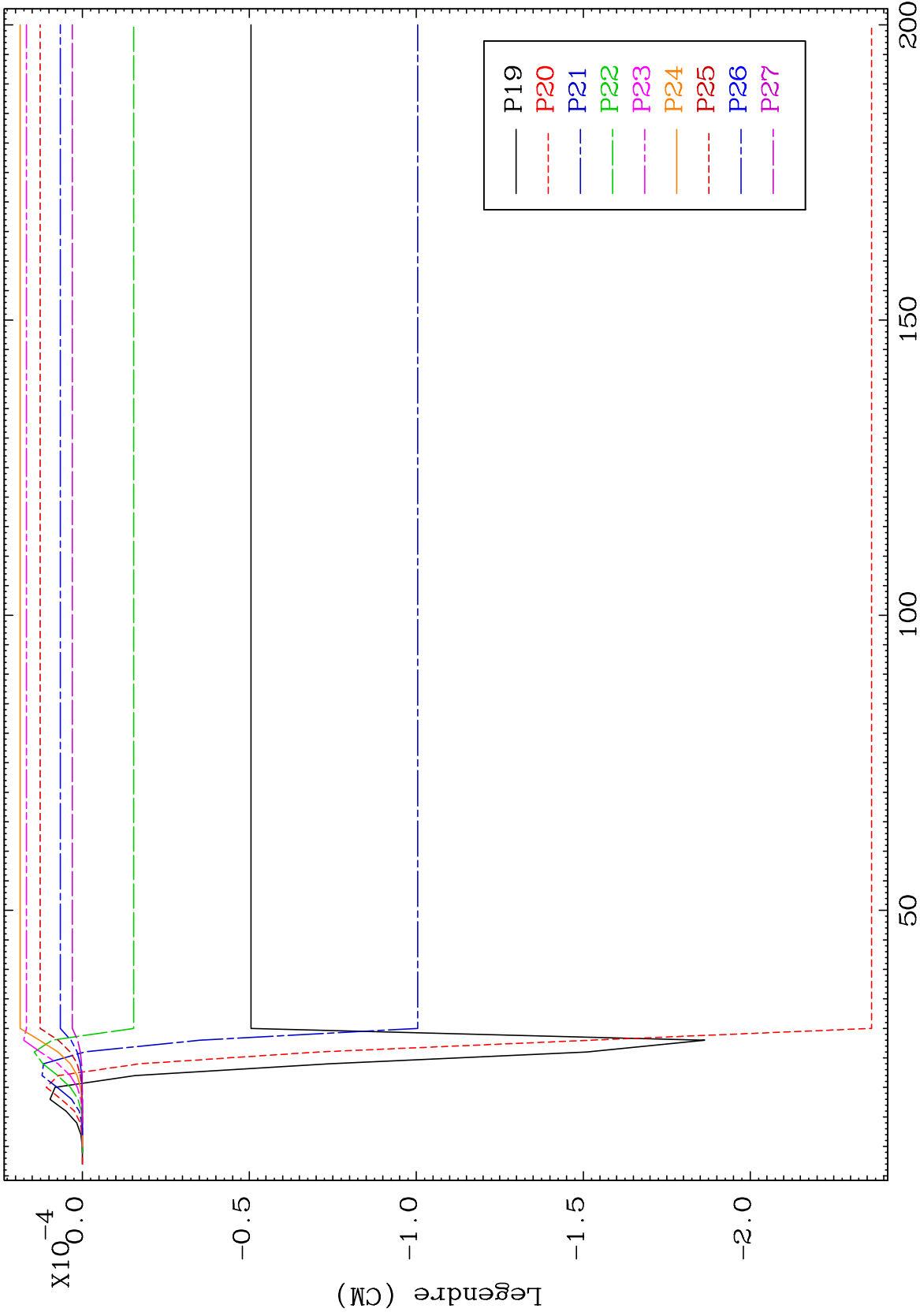
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



30

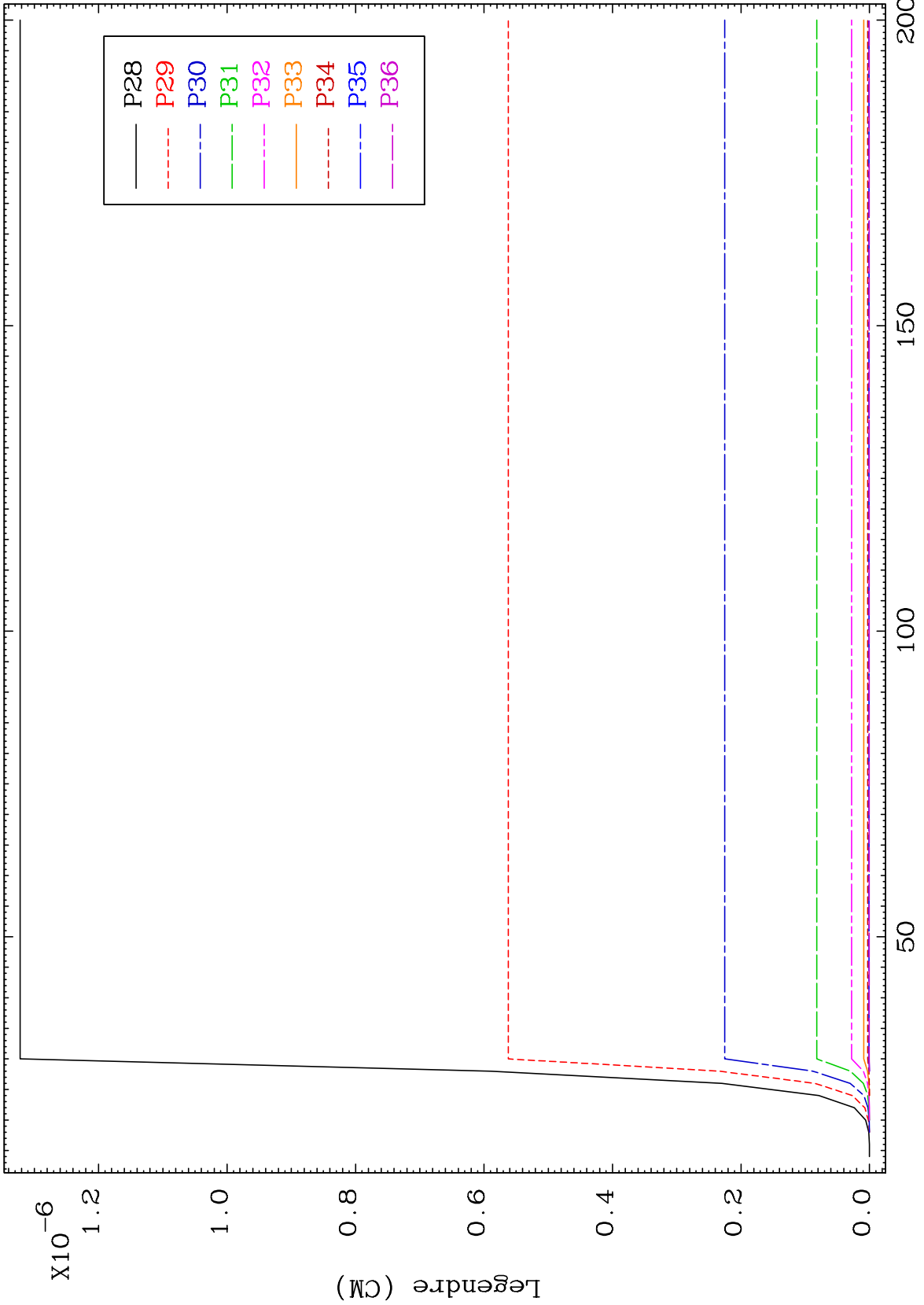
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



31

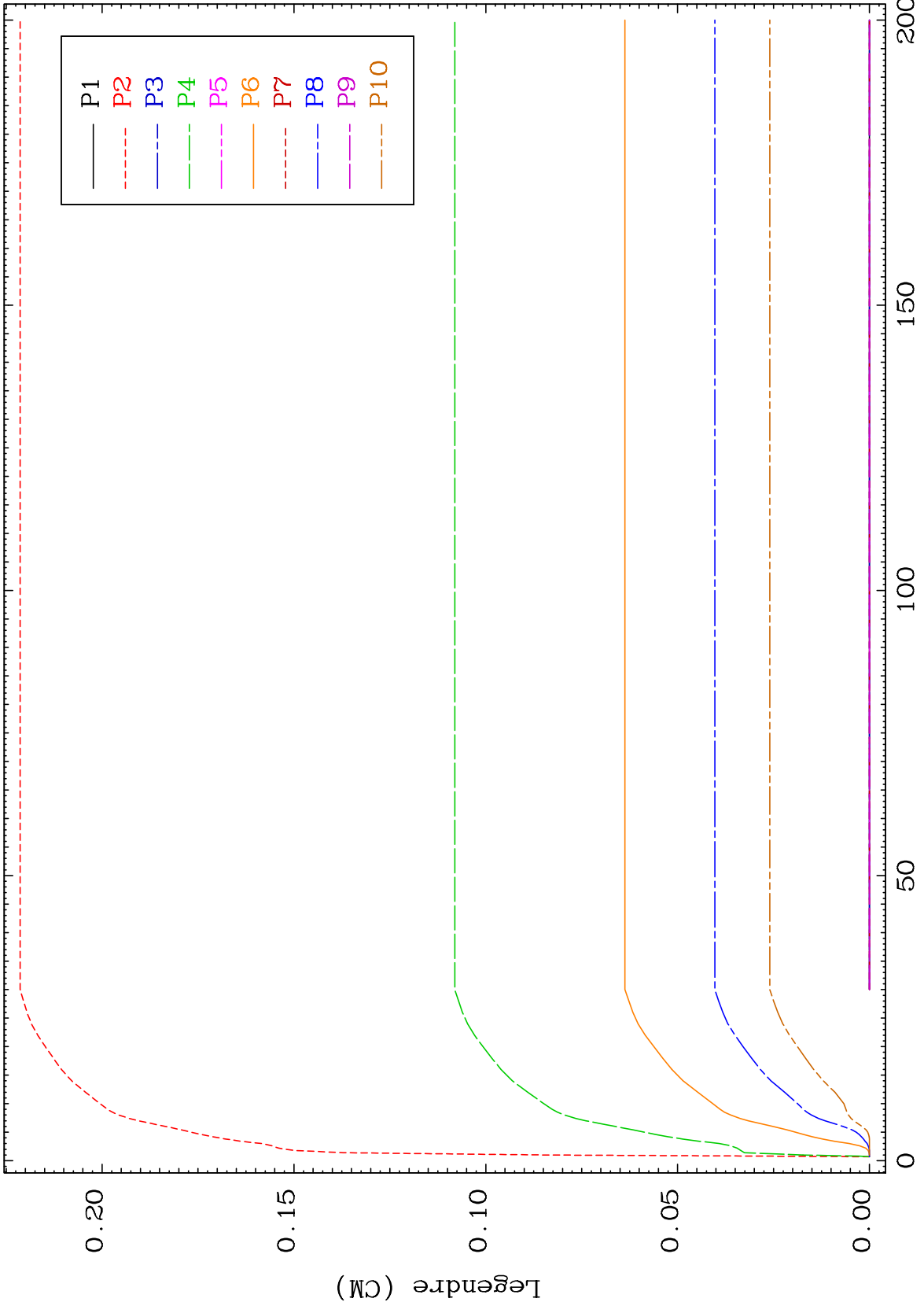
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



32

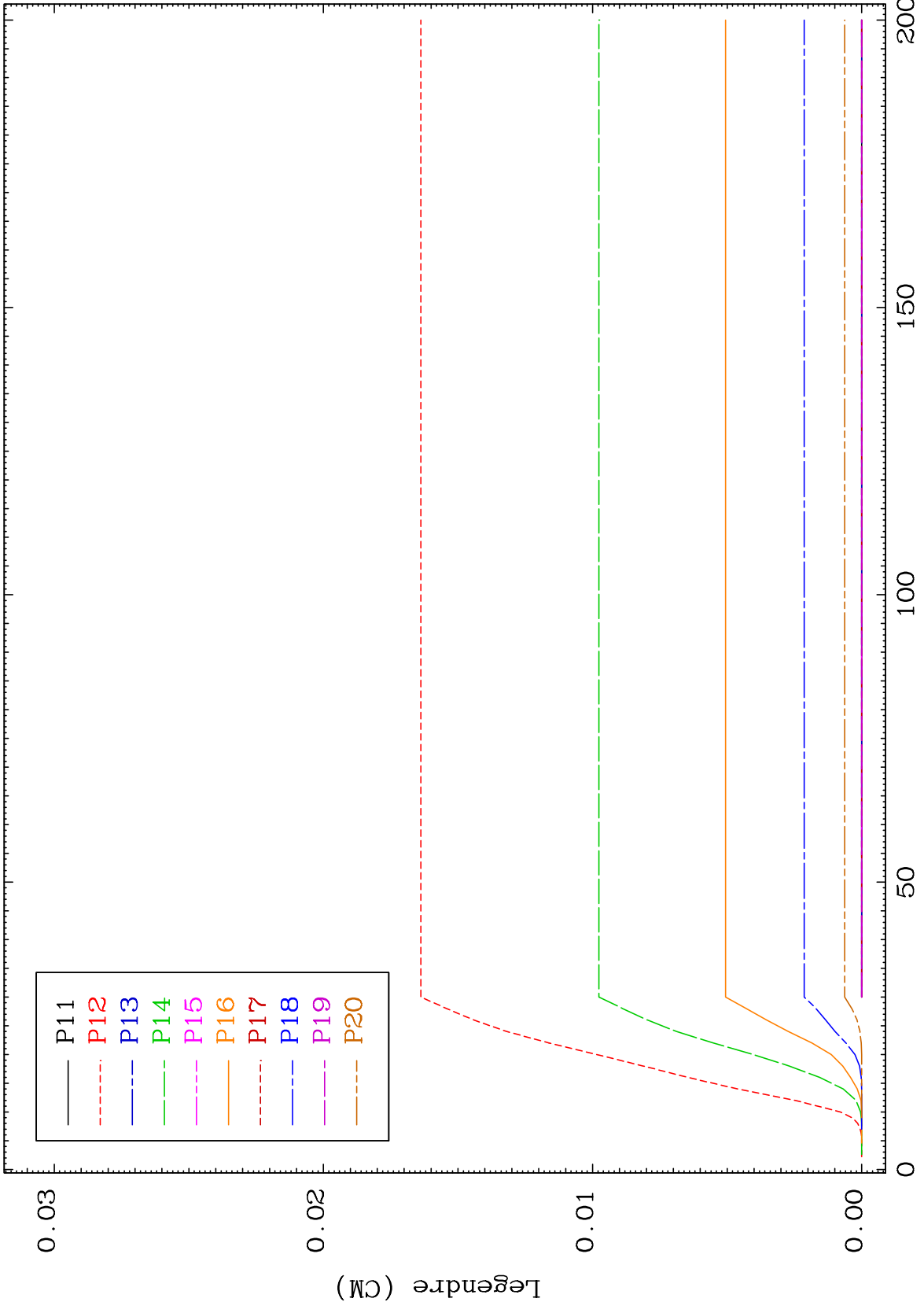
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



33

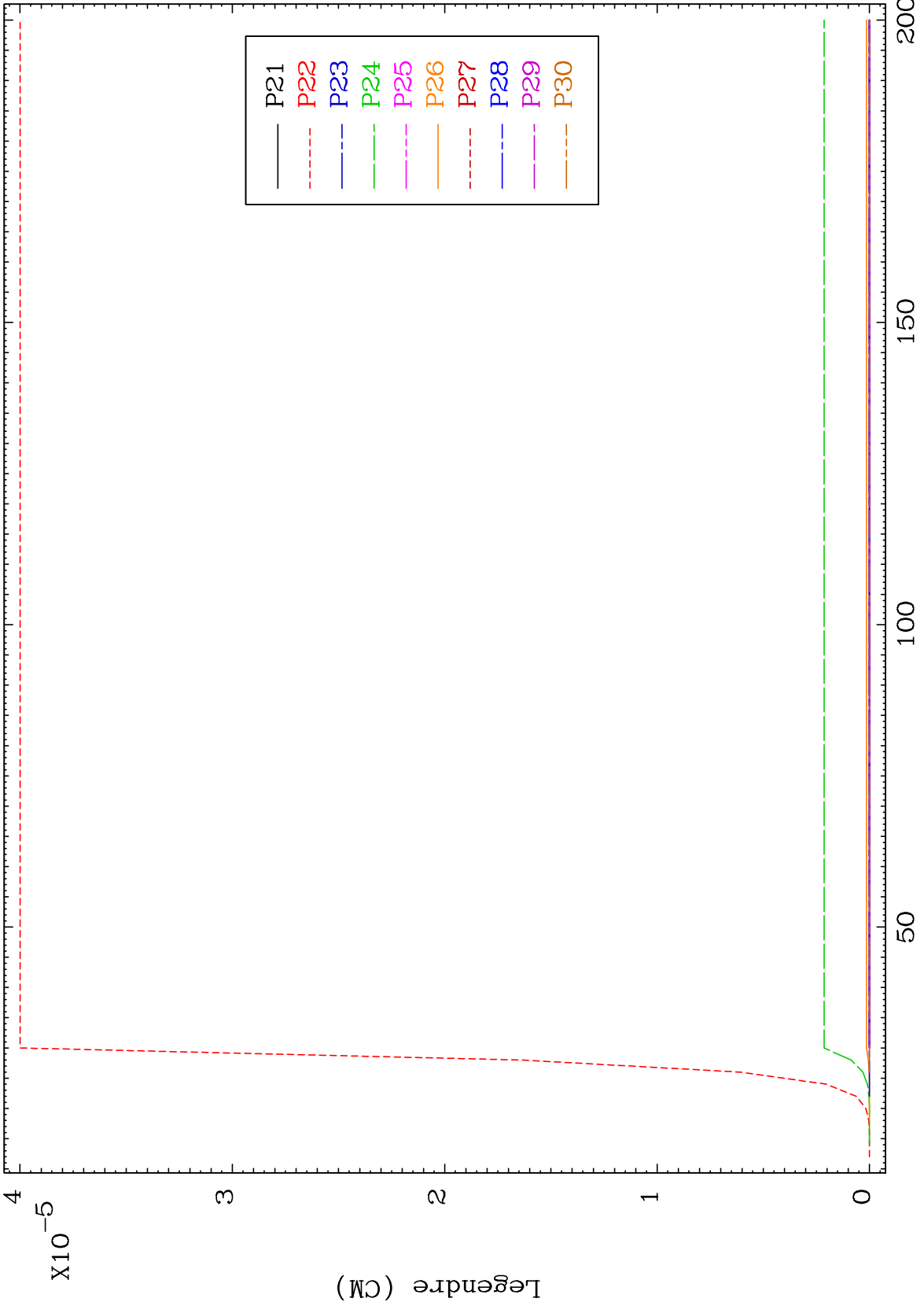
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



66-Dy-160

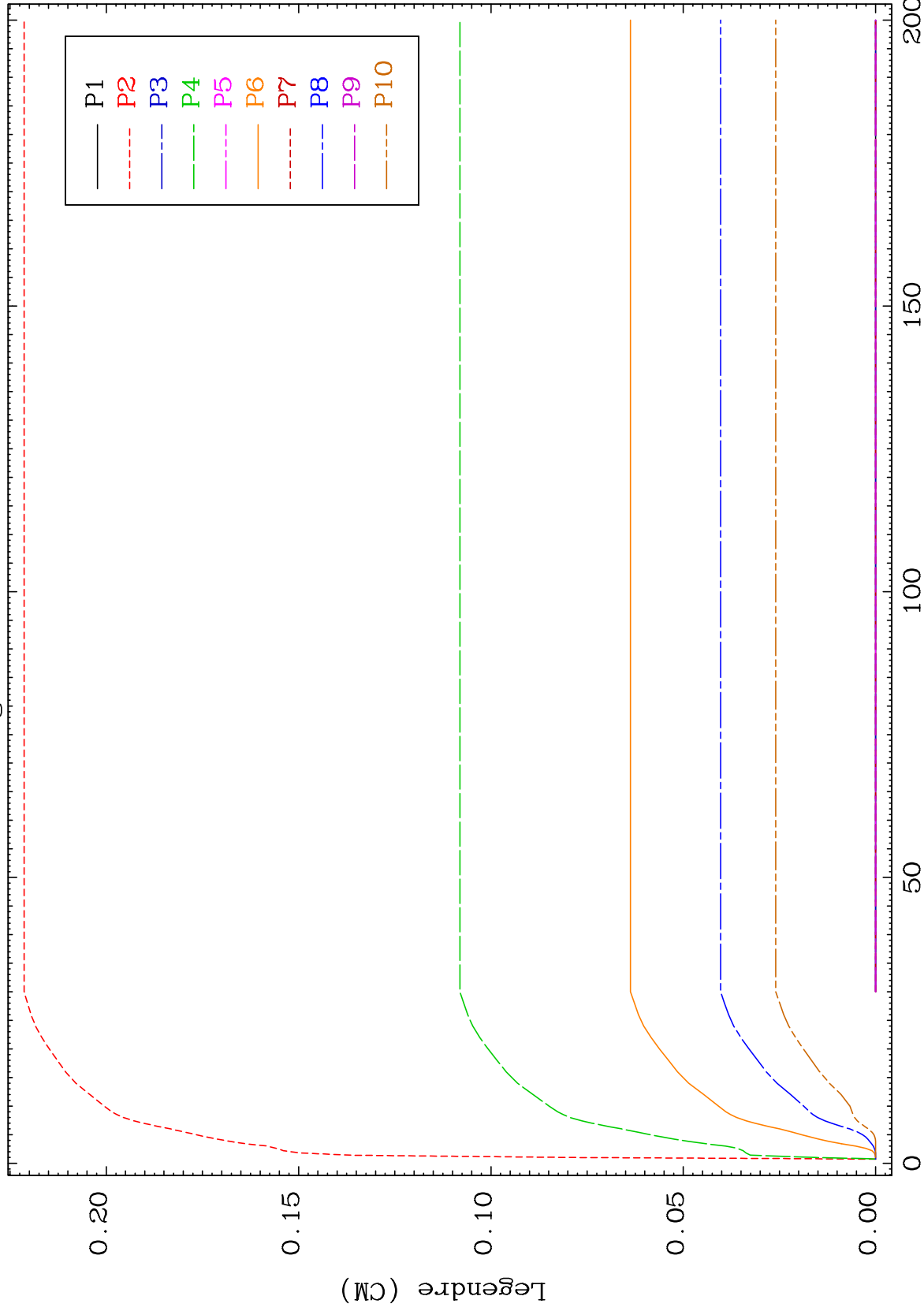
Incident Energy (MeV)

34

MAT 6637

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

66-Dy-160



35

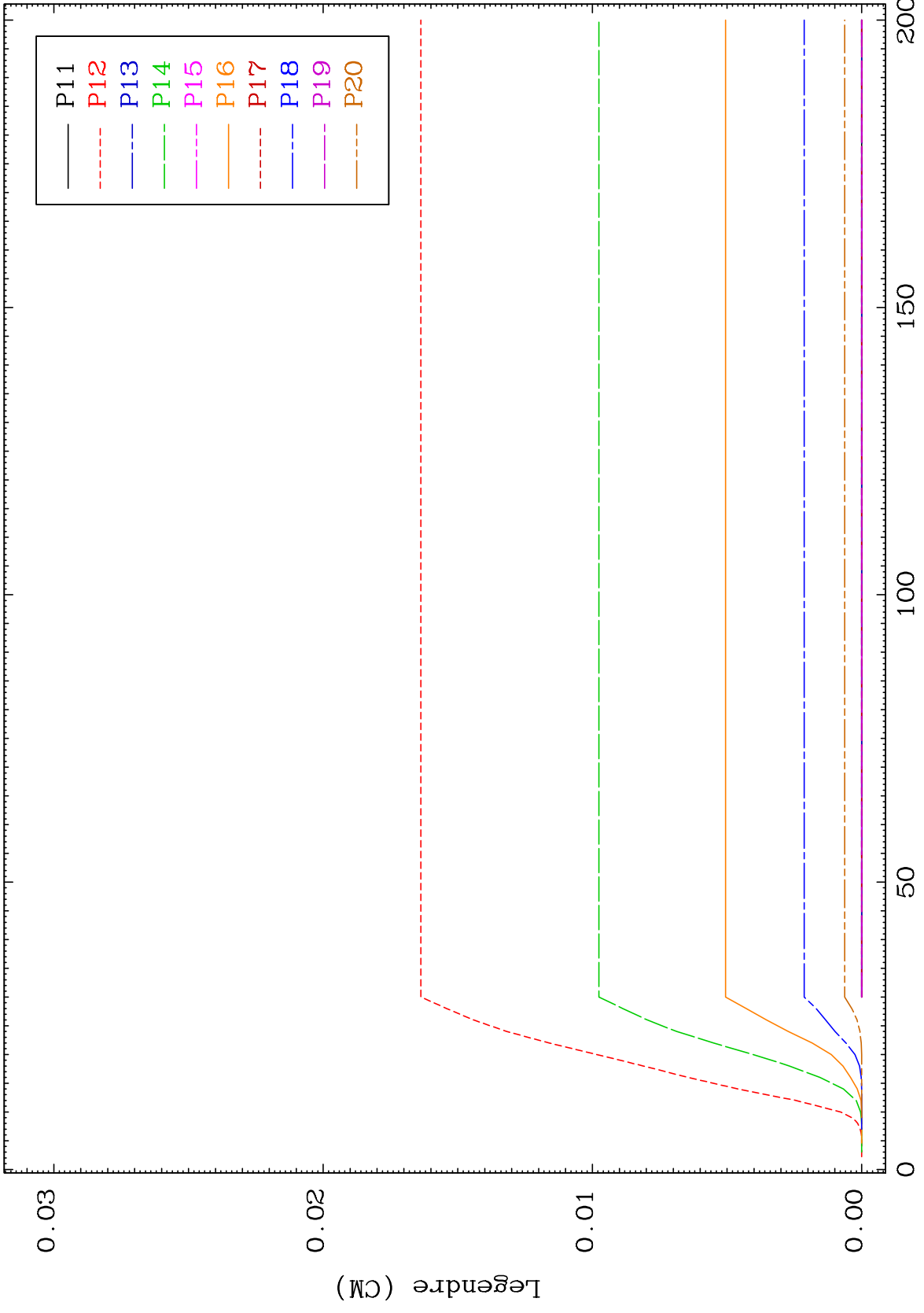
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160

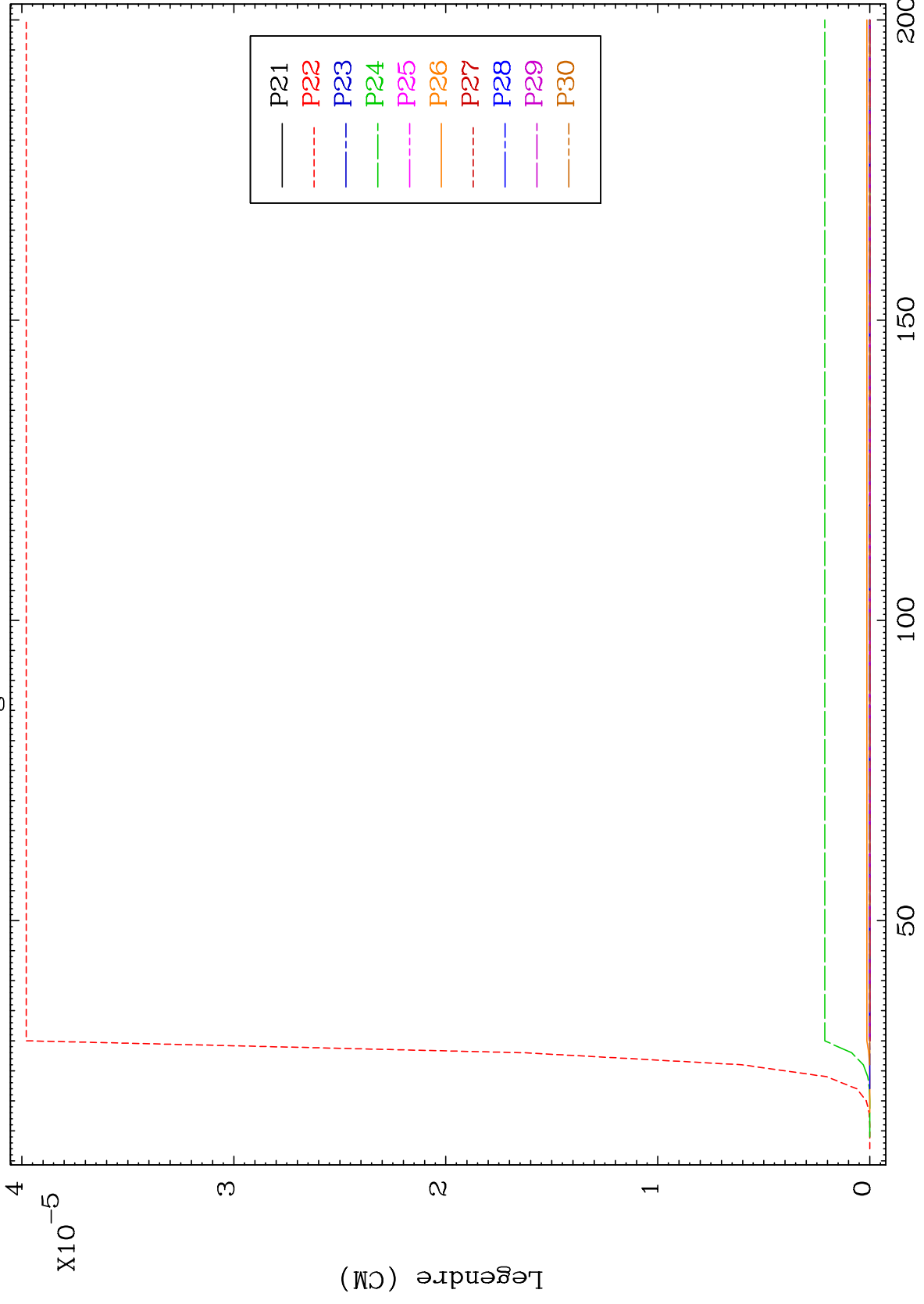


36

Incident Energy (MeV)

66-Dy-160

MAT 6637 MT= 55 (n,n') Level Legendre Coefficients 66-Dy-160

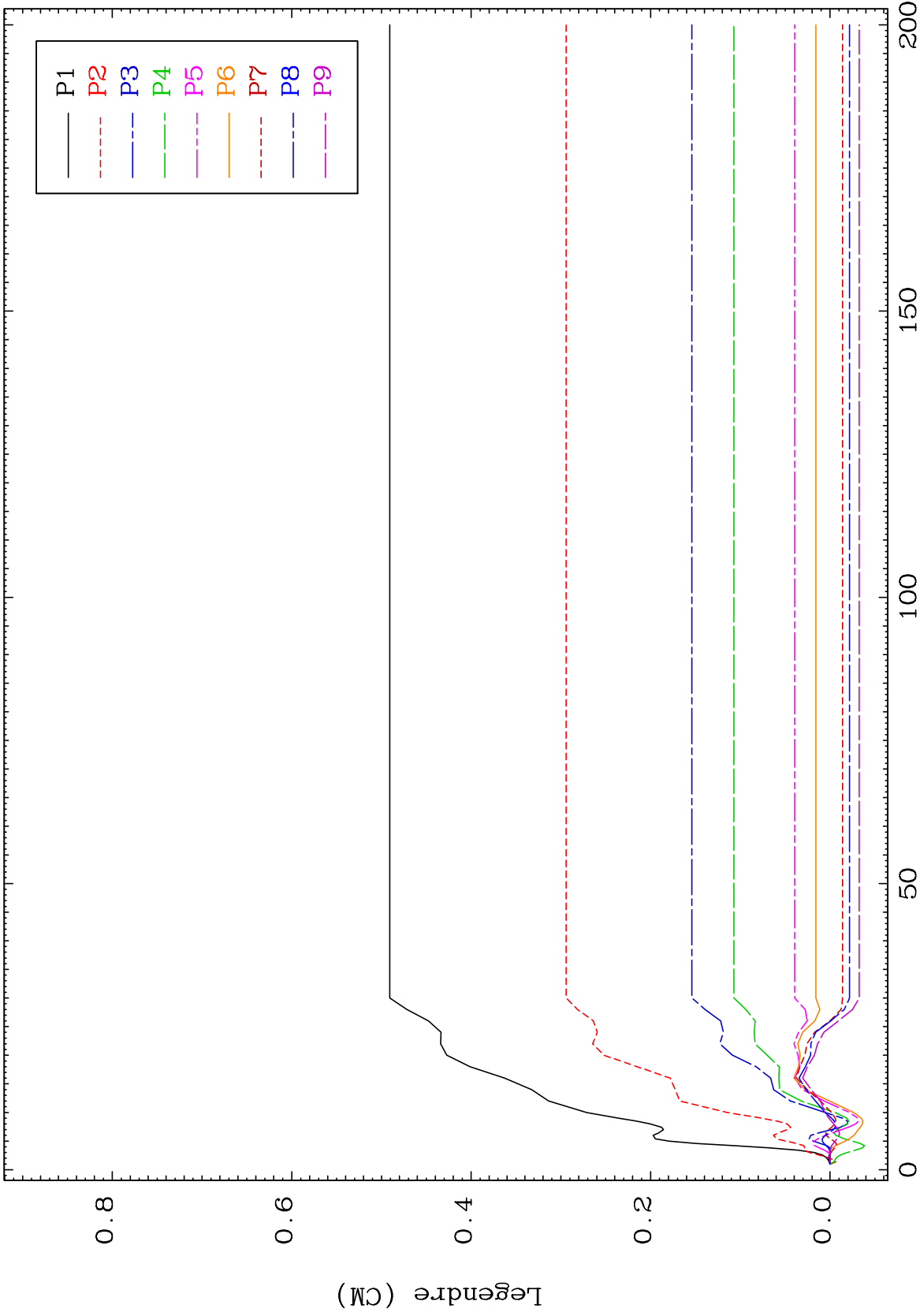


37 50 100 150 200 66-Dy-160

MAT 6637

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

66-Dy-160



38

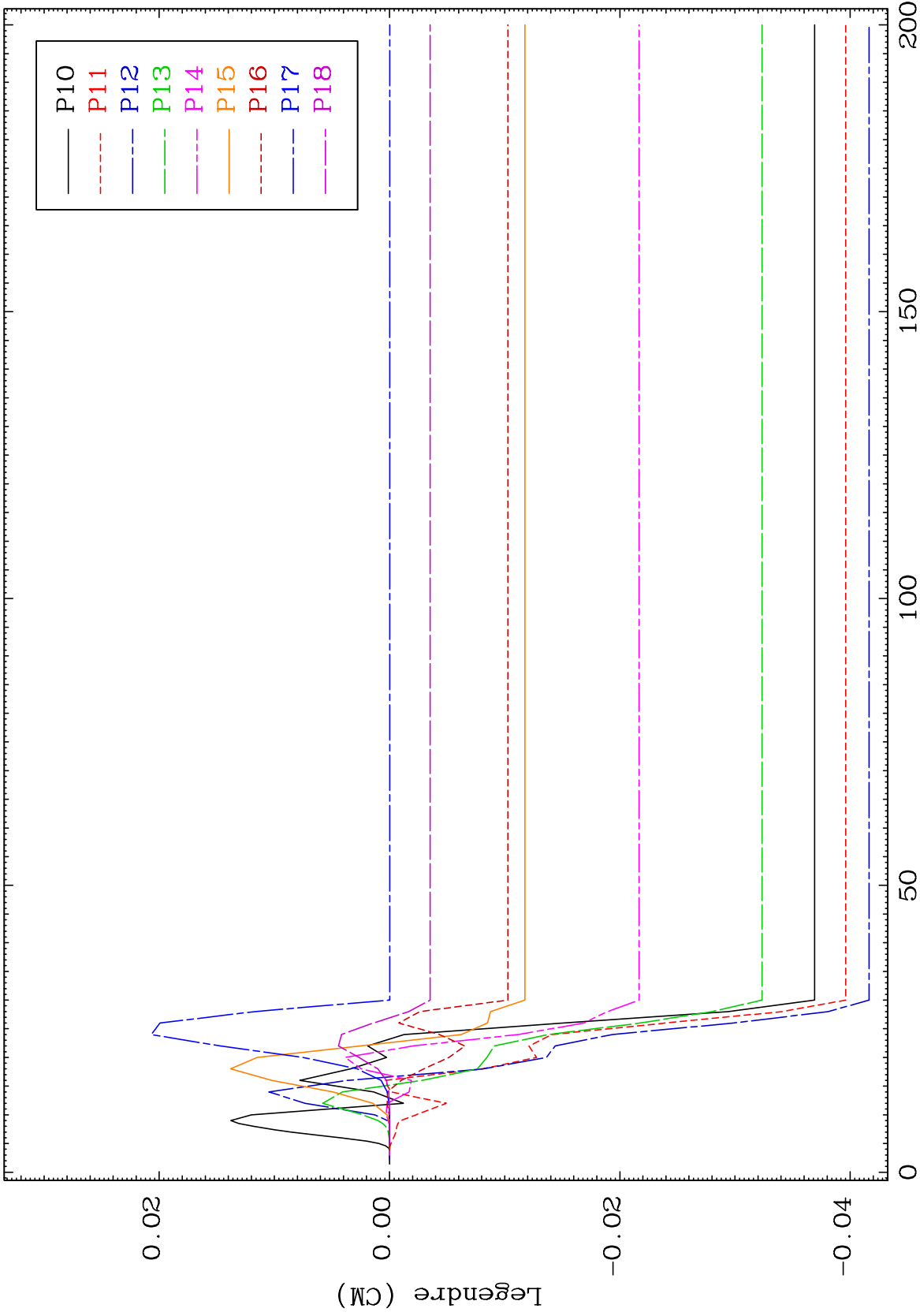
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



39

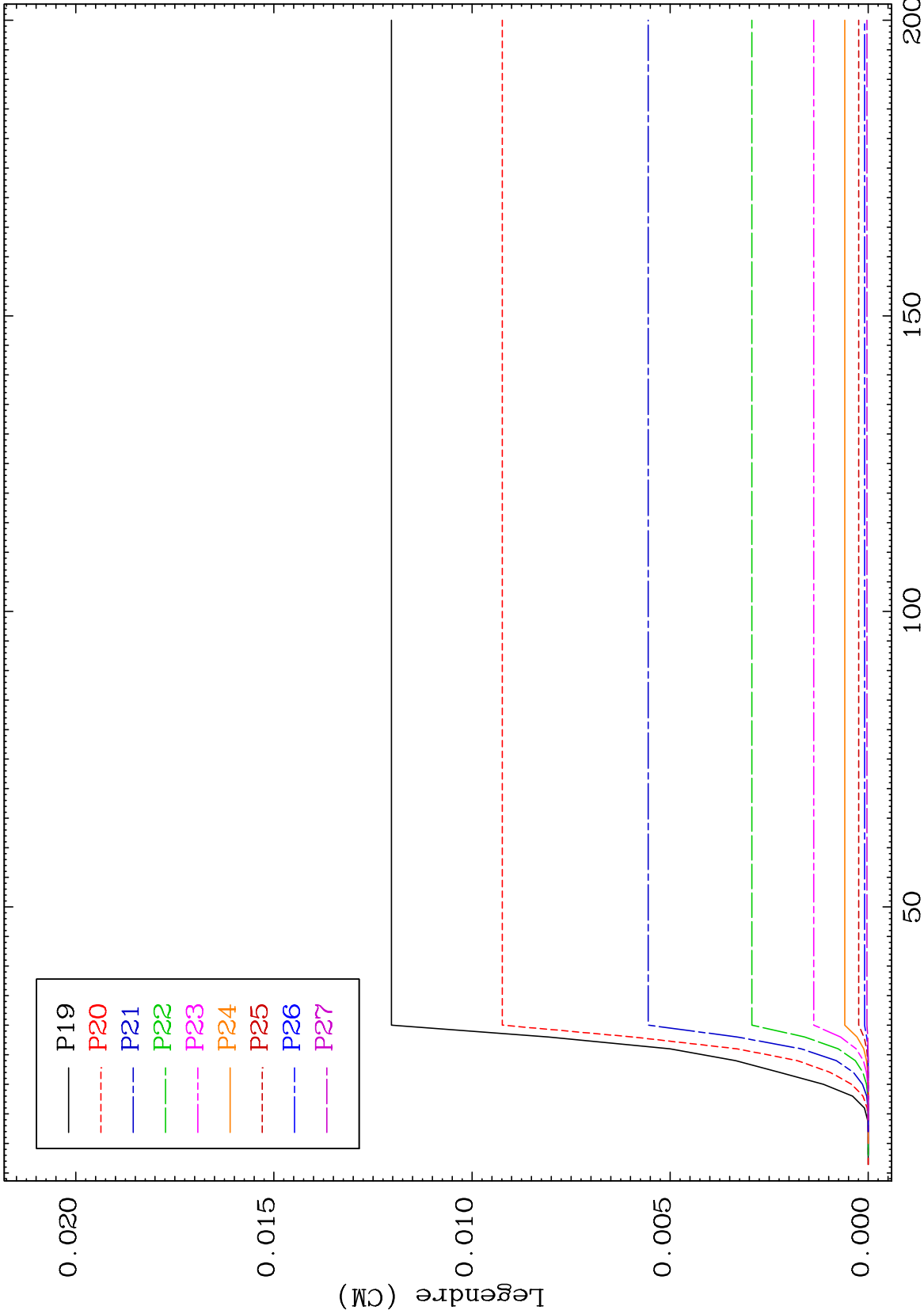
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



40

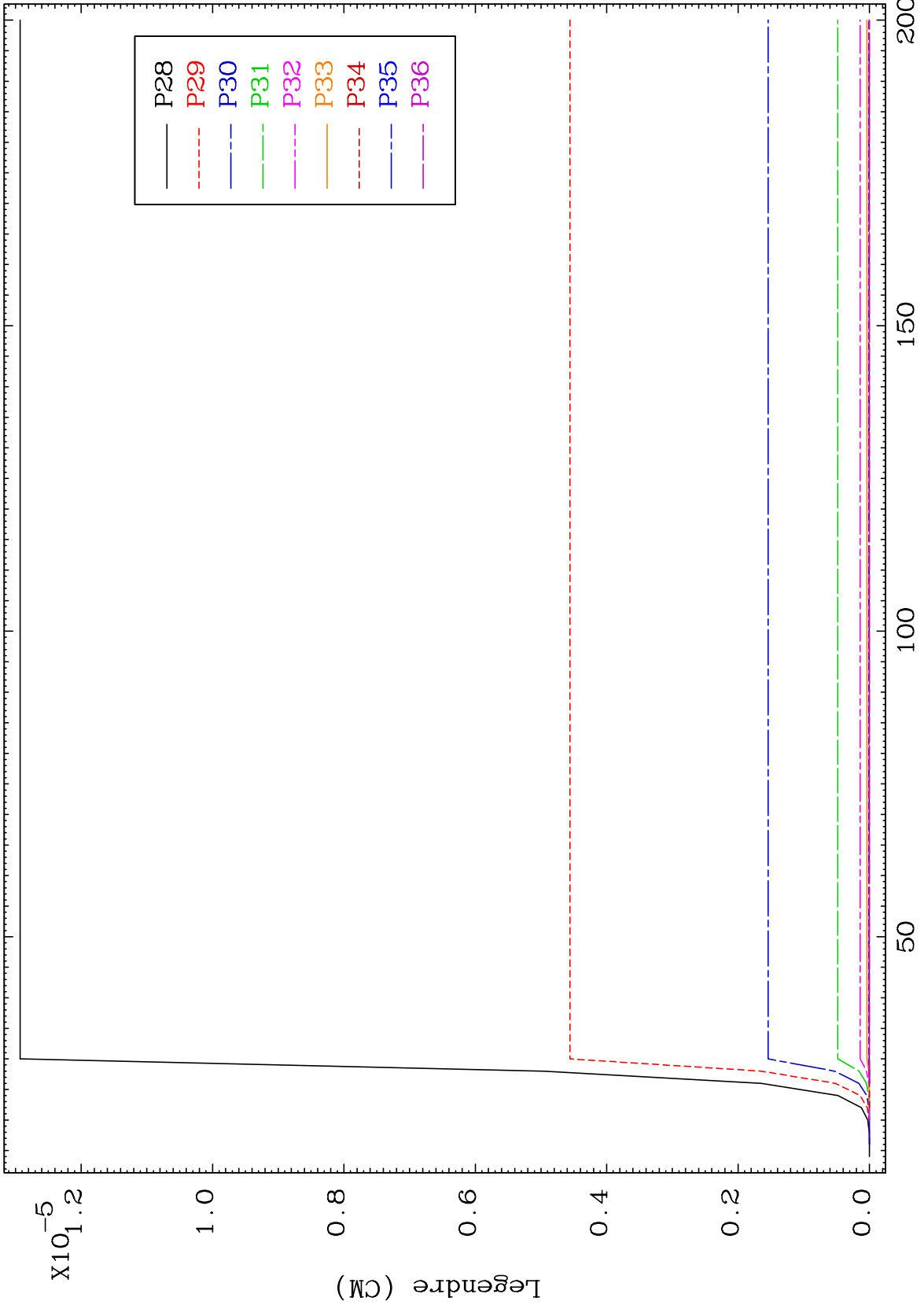
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



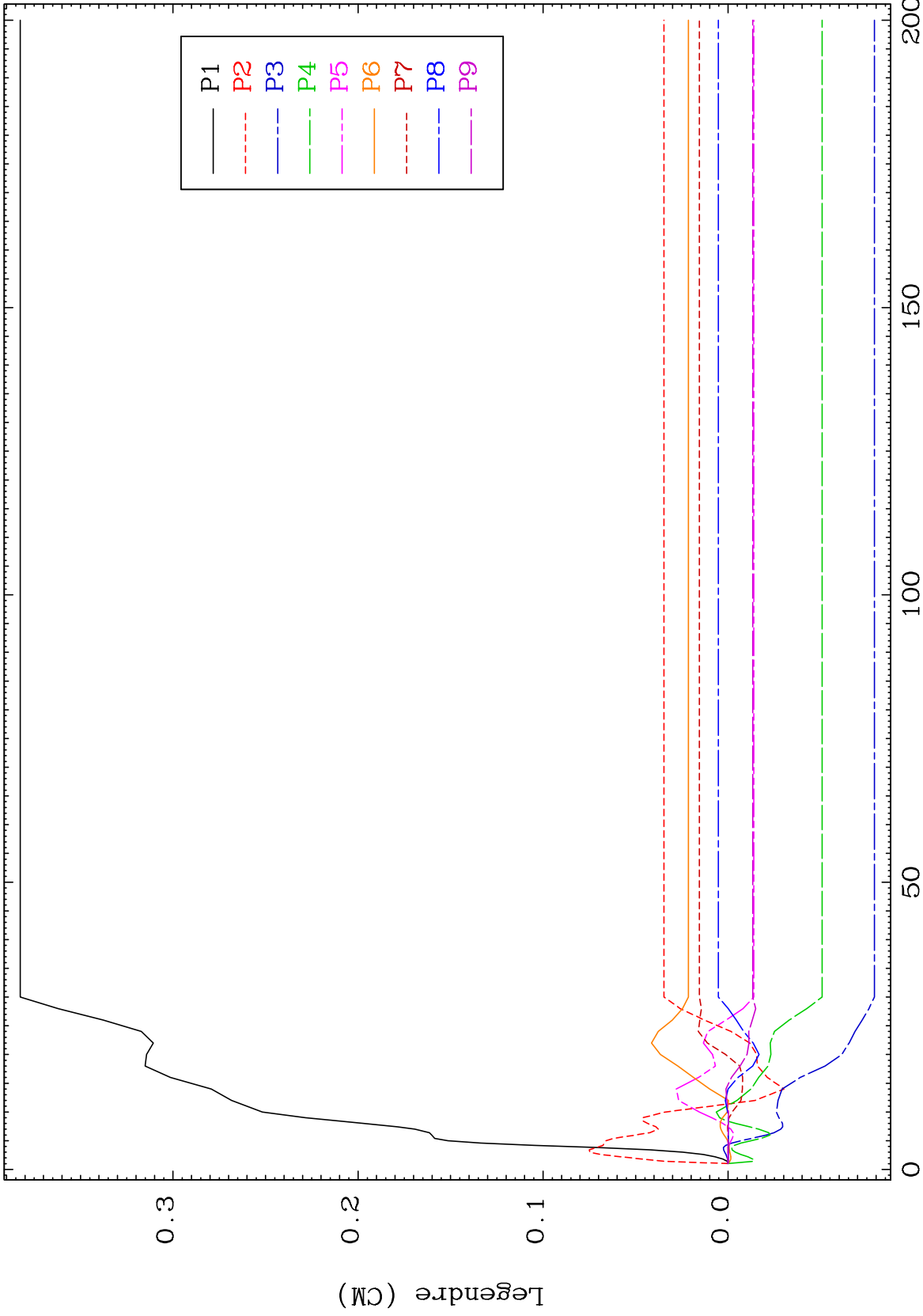
41

66-Dy-160

MAT 6637

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

66-Dy-160



42

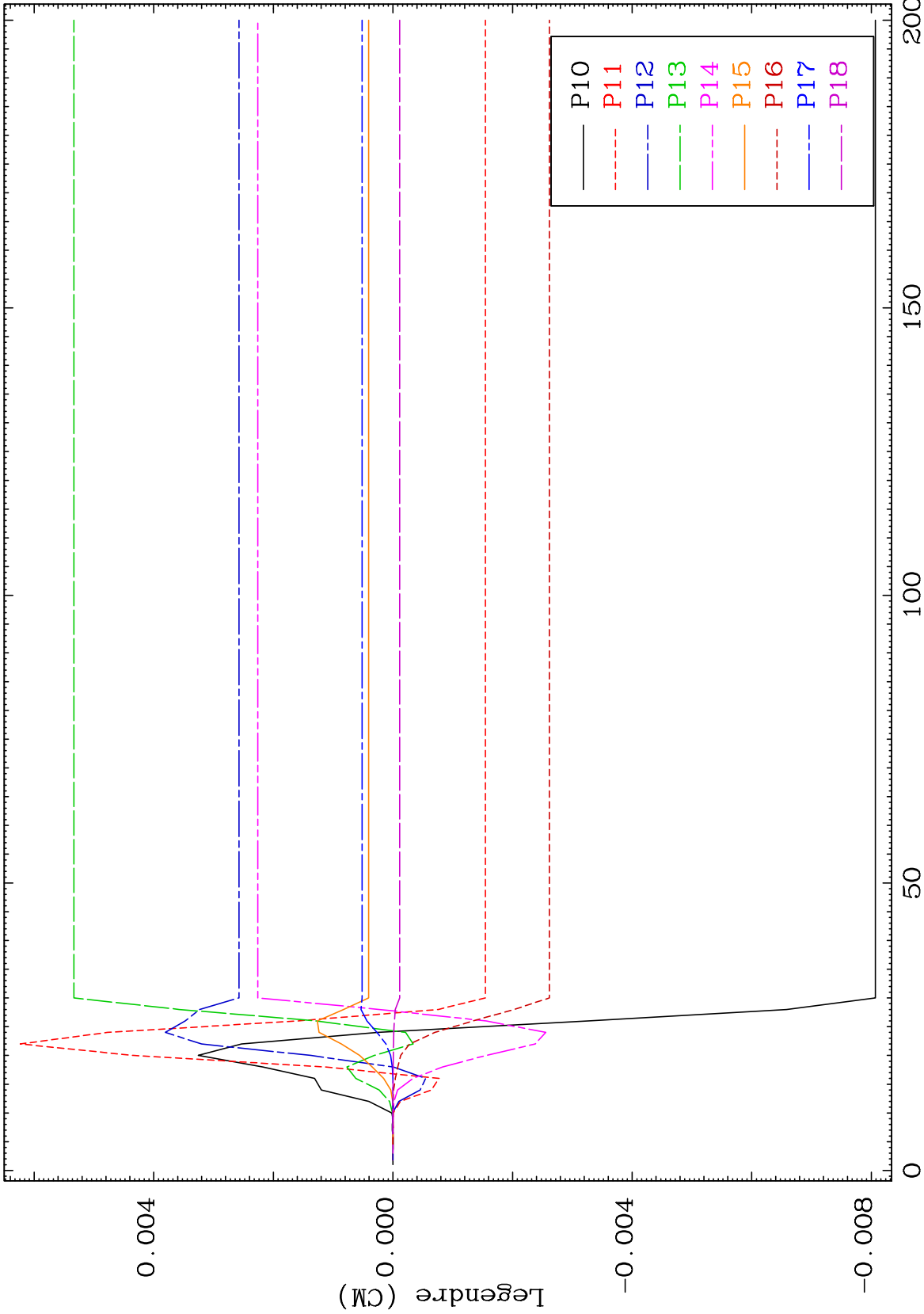
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



43

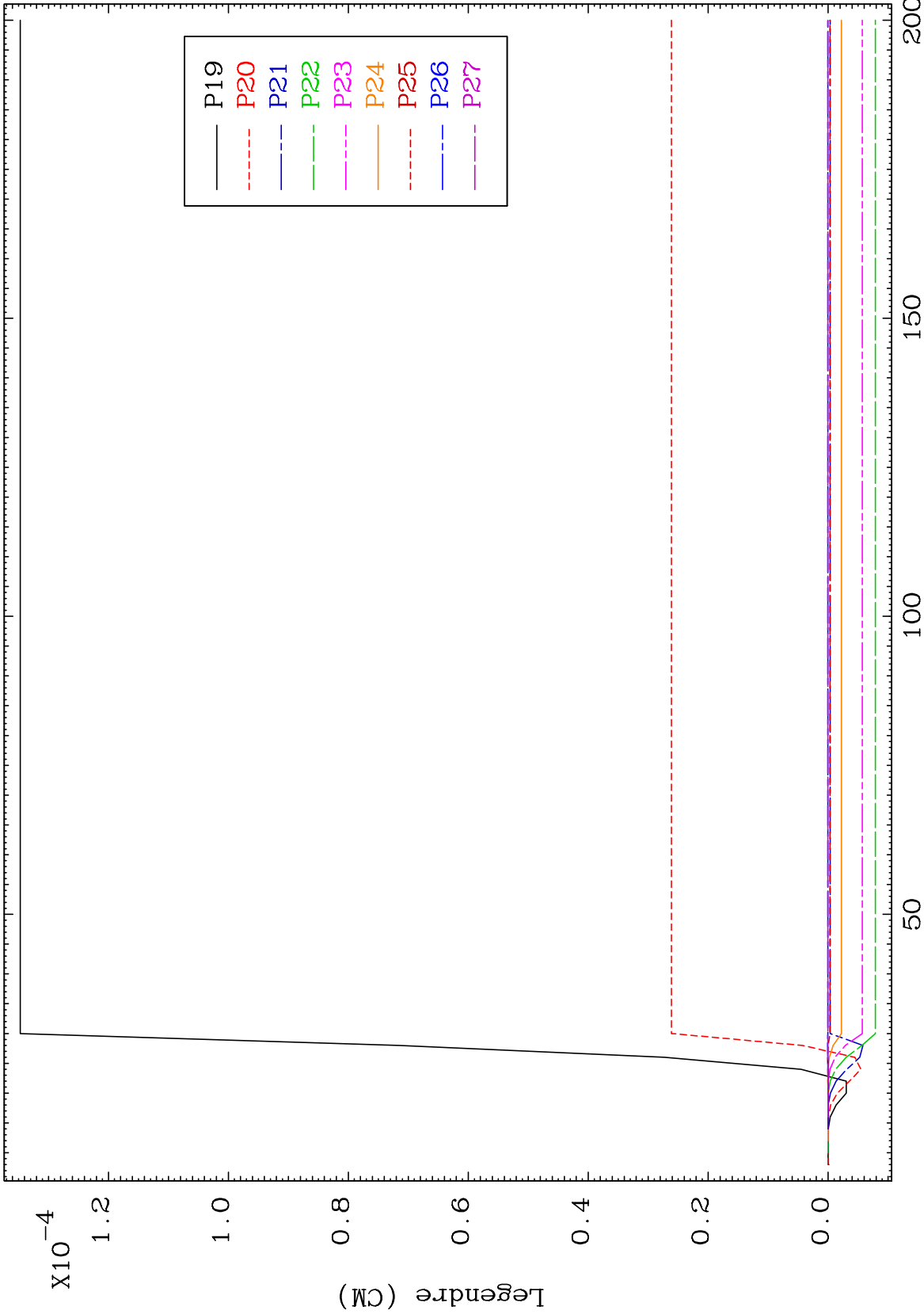
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

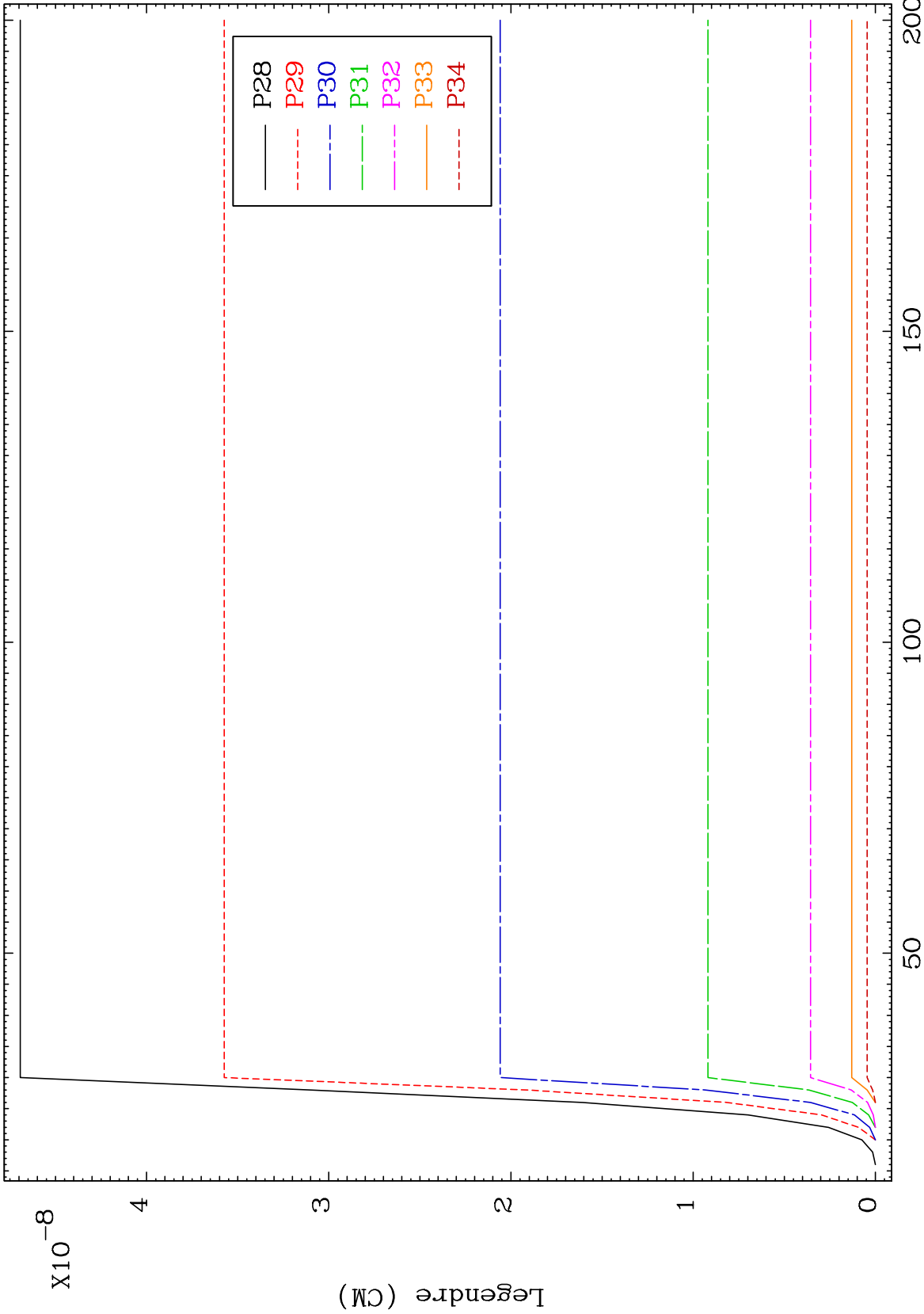
66-Dy-160



MAT 6637

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

66-Dy-160



45

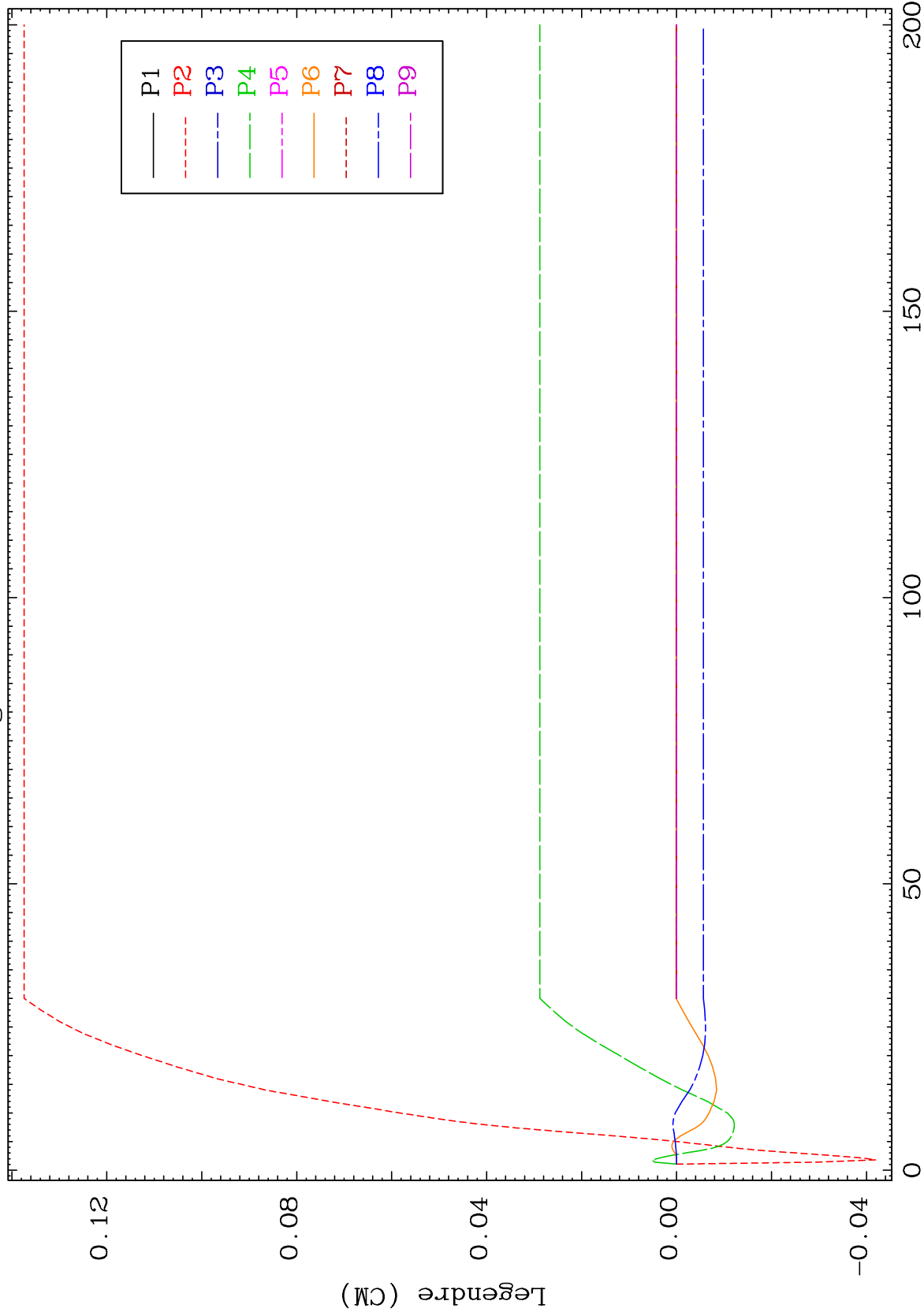
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



46

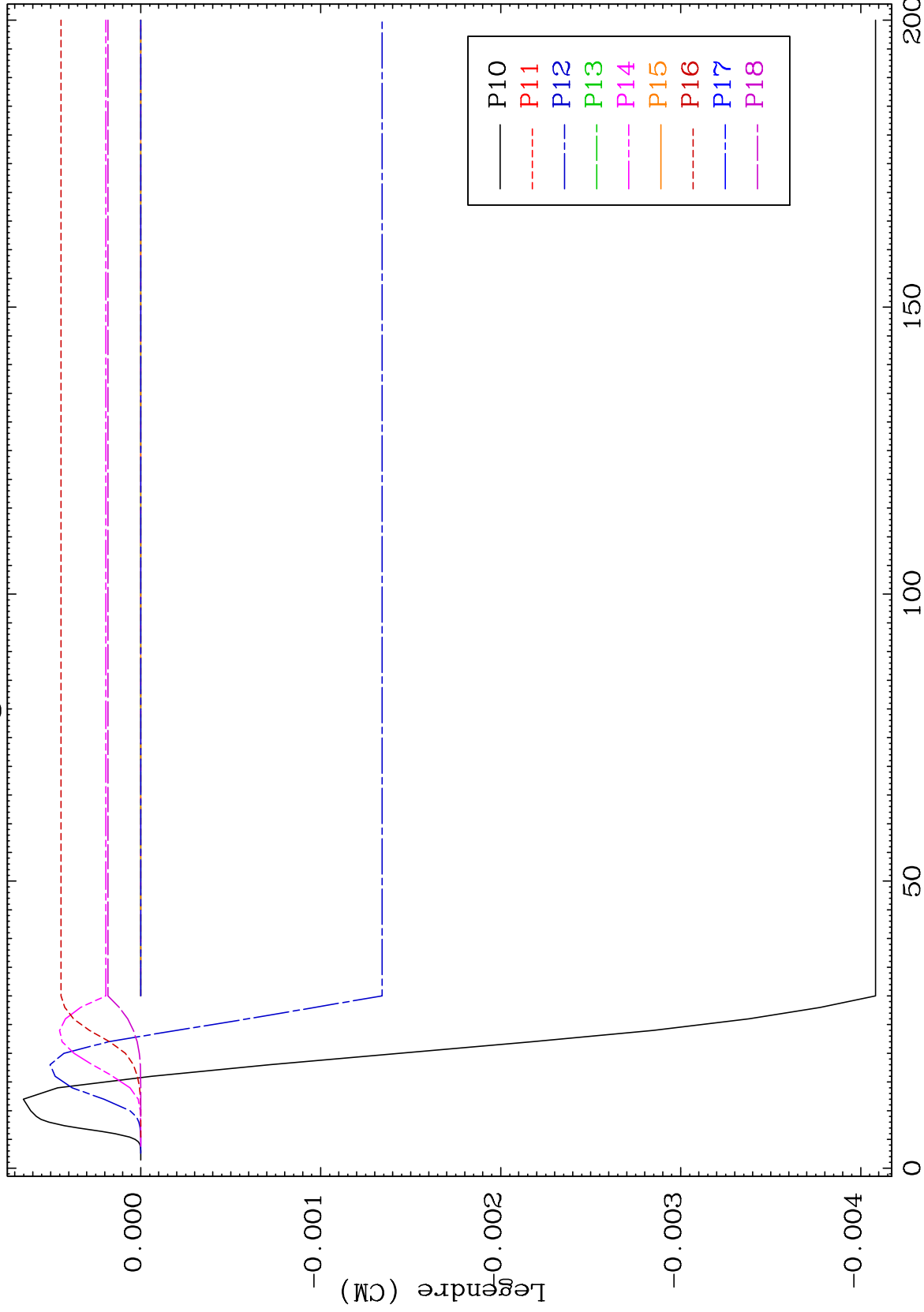
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160

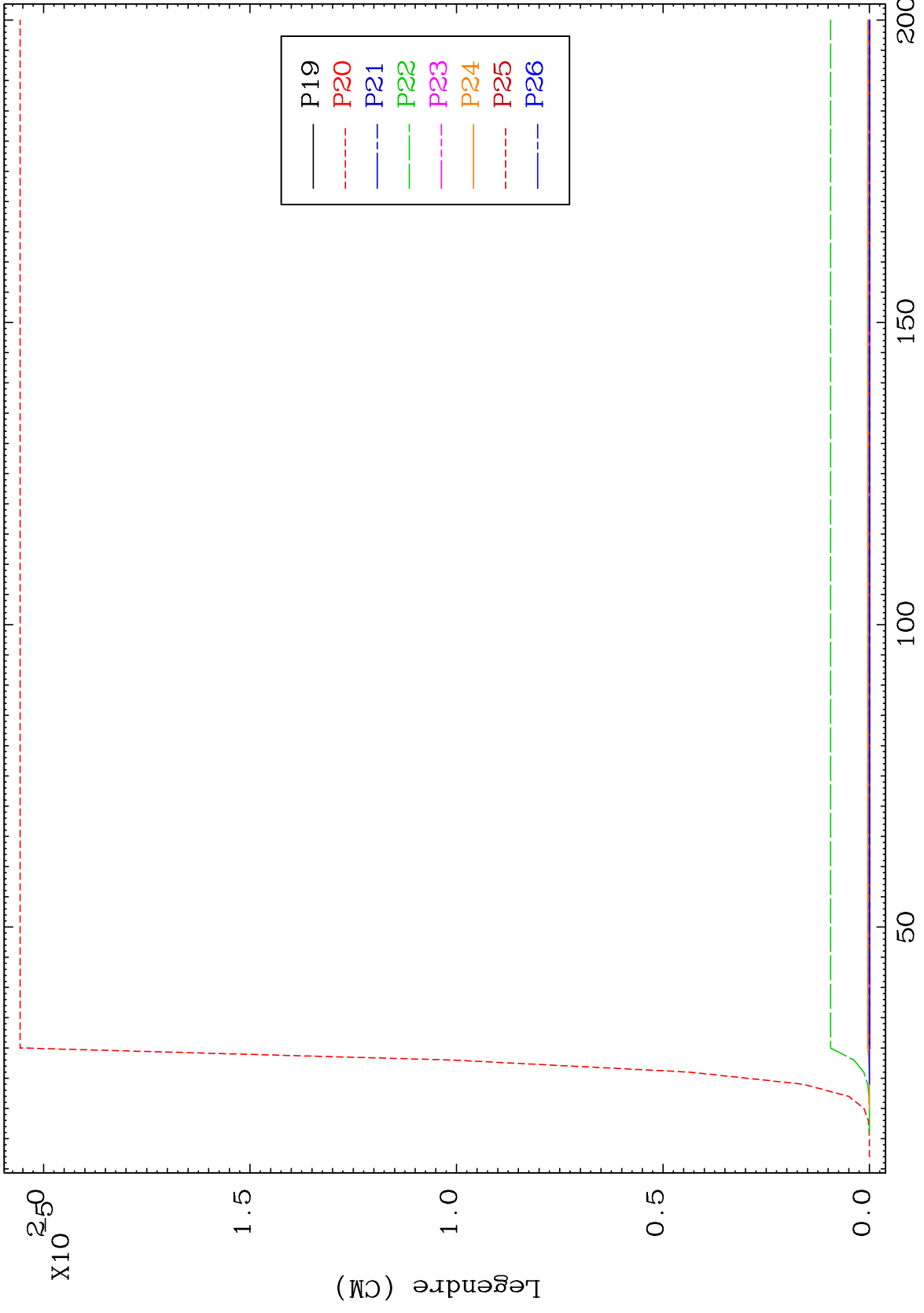


47

Incident Energy (MeV)

66-Dy-160

MAT 6637 MT= 58 (n,n') Level Legendre Coefficients 66-Dy-160

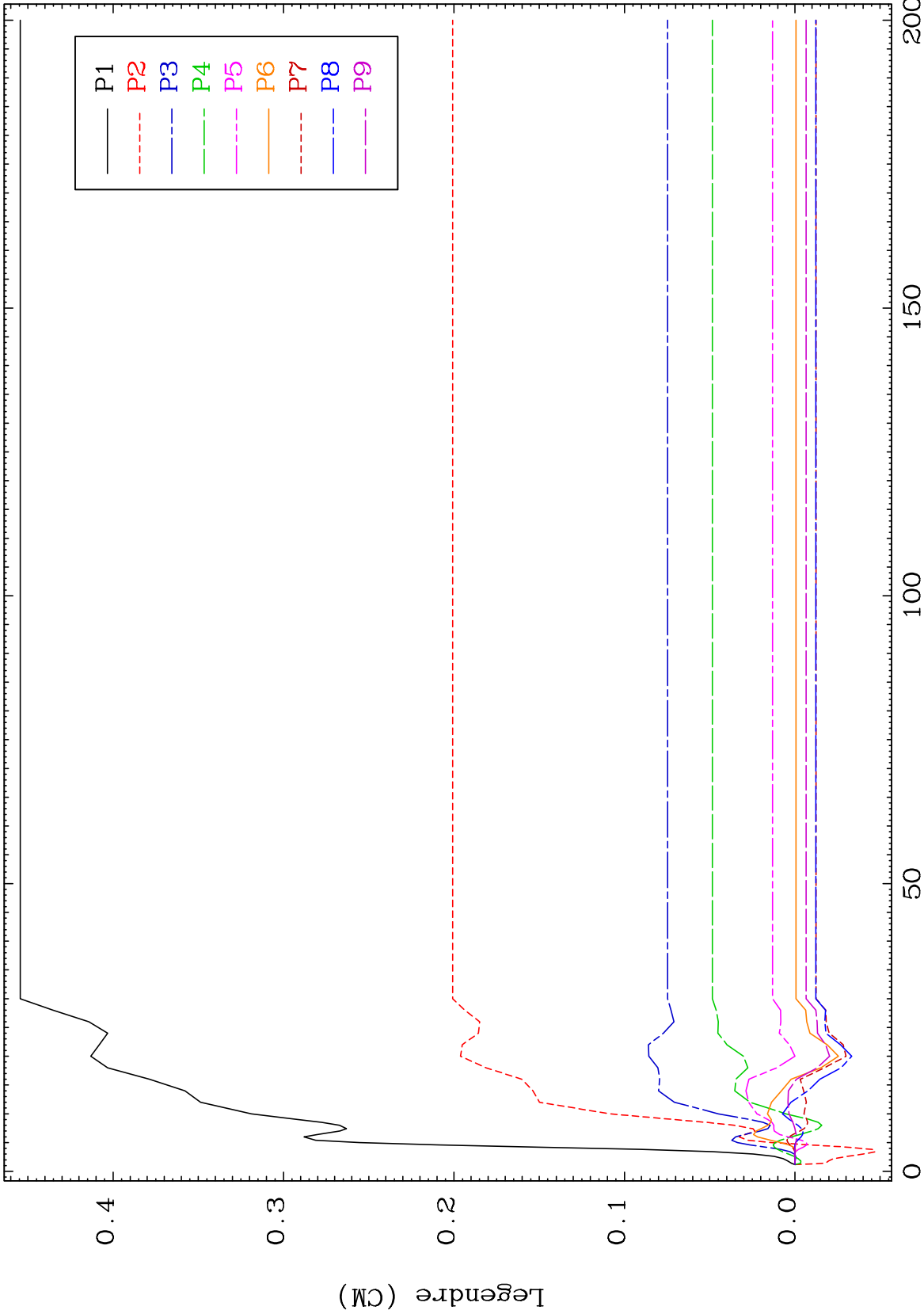


48 66-Dy-160

MAT 6637

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

66-Dy-160



49

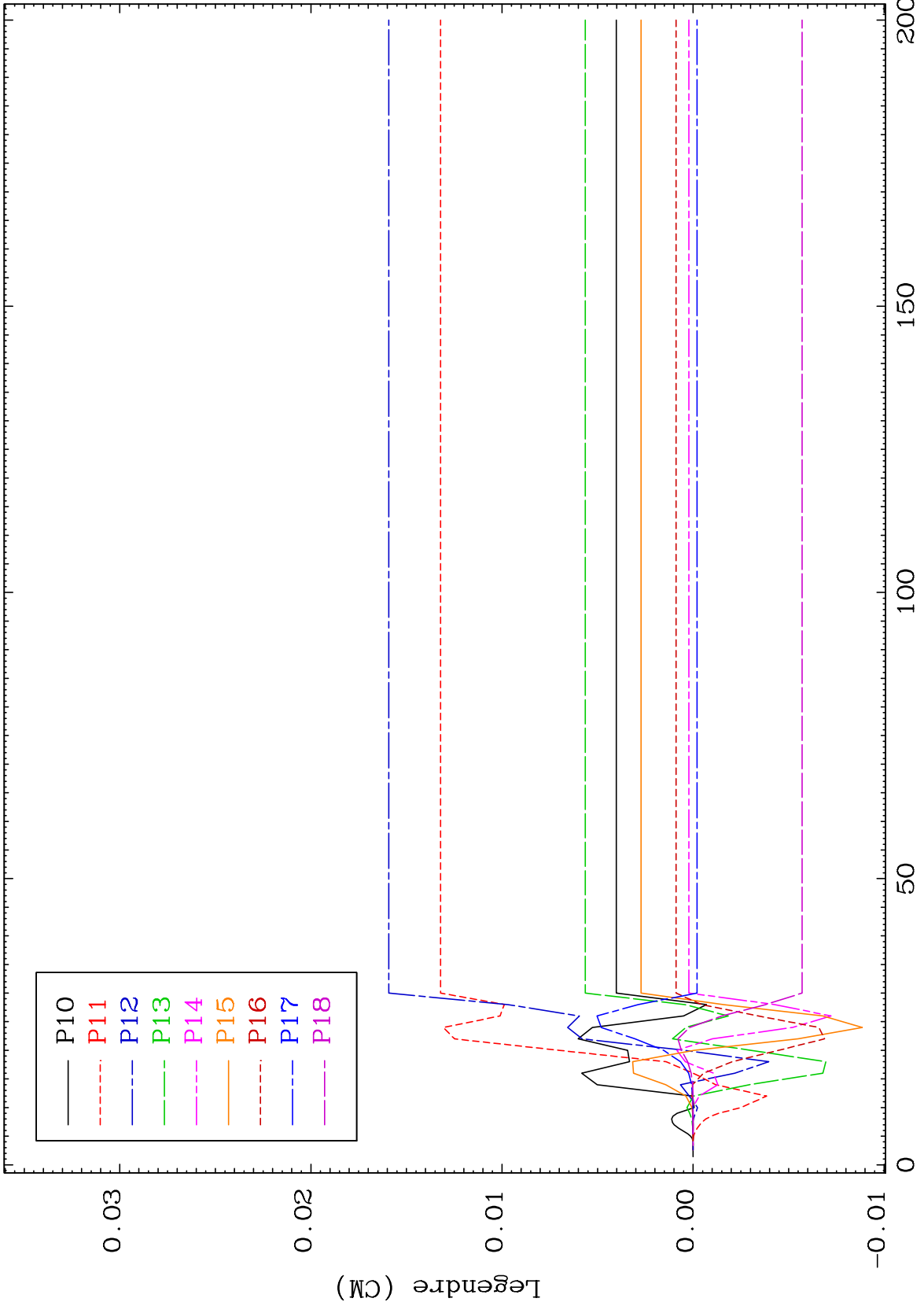
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



50

50

100

150

200

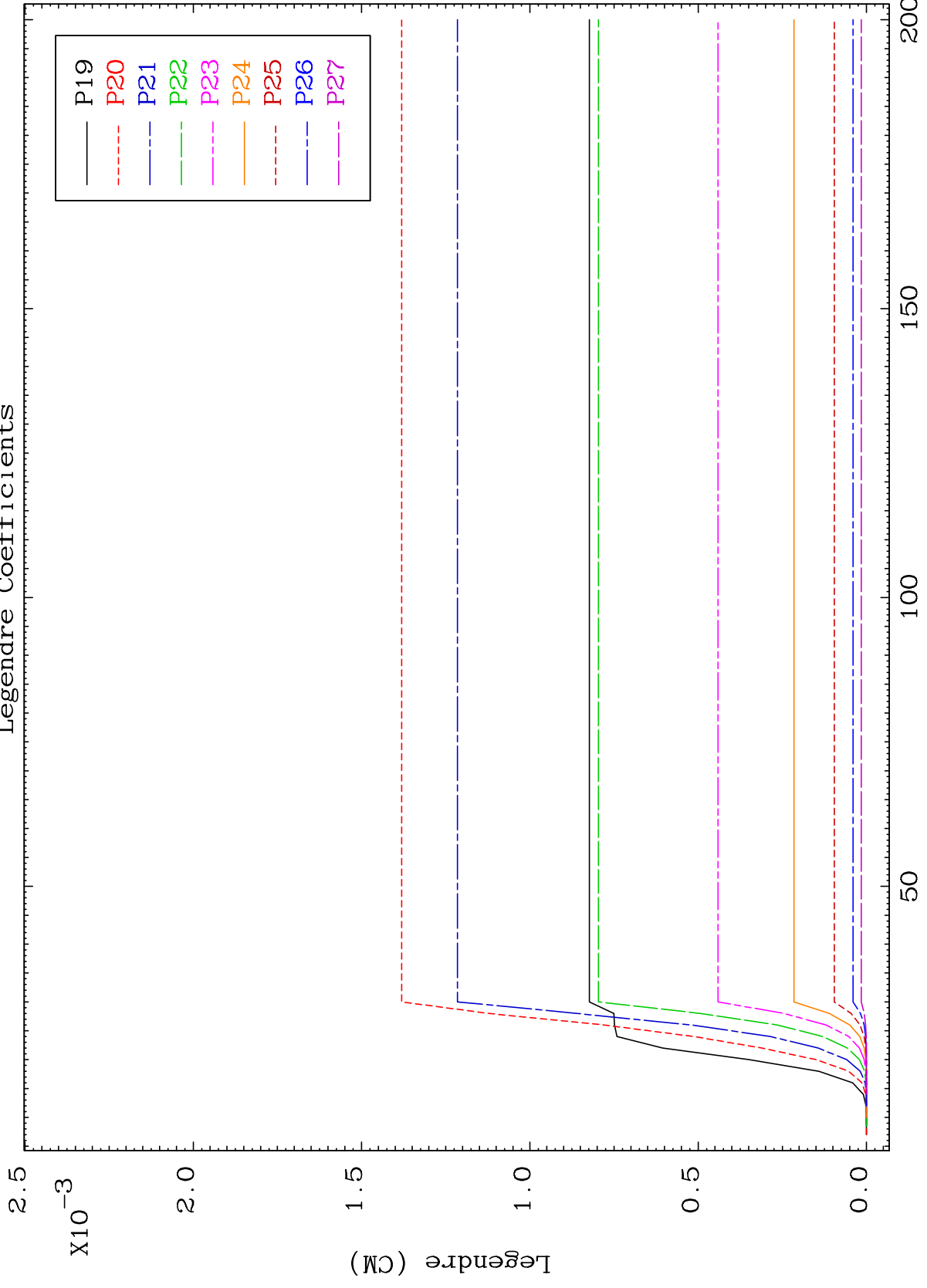
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



66-Dy-160

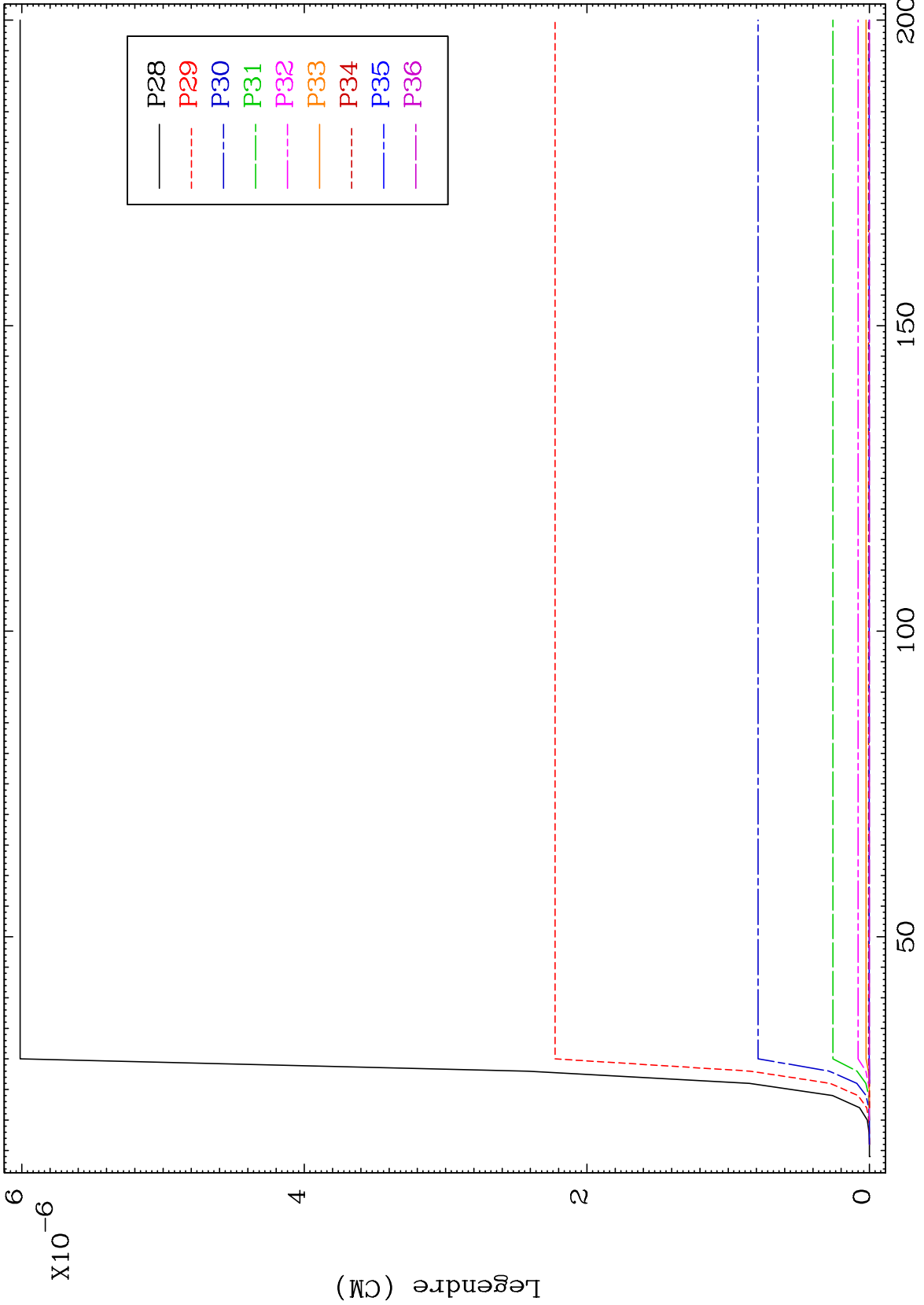
Incident Energy (MeV)

51

MAT 6637

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

66-Dy-160



52

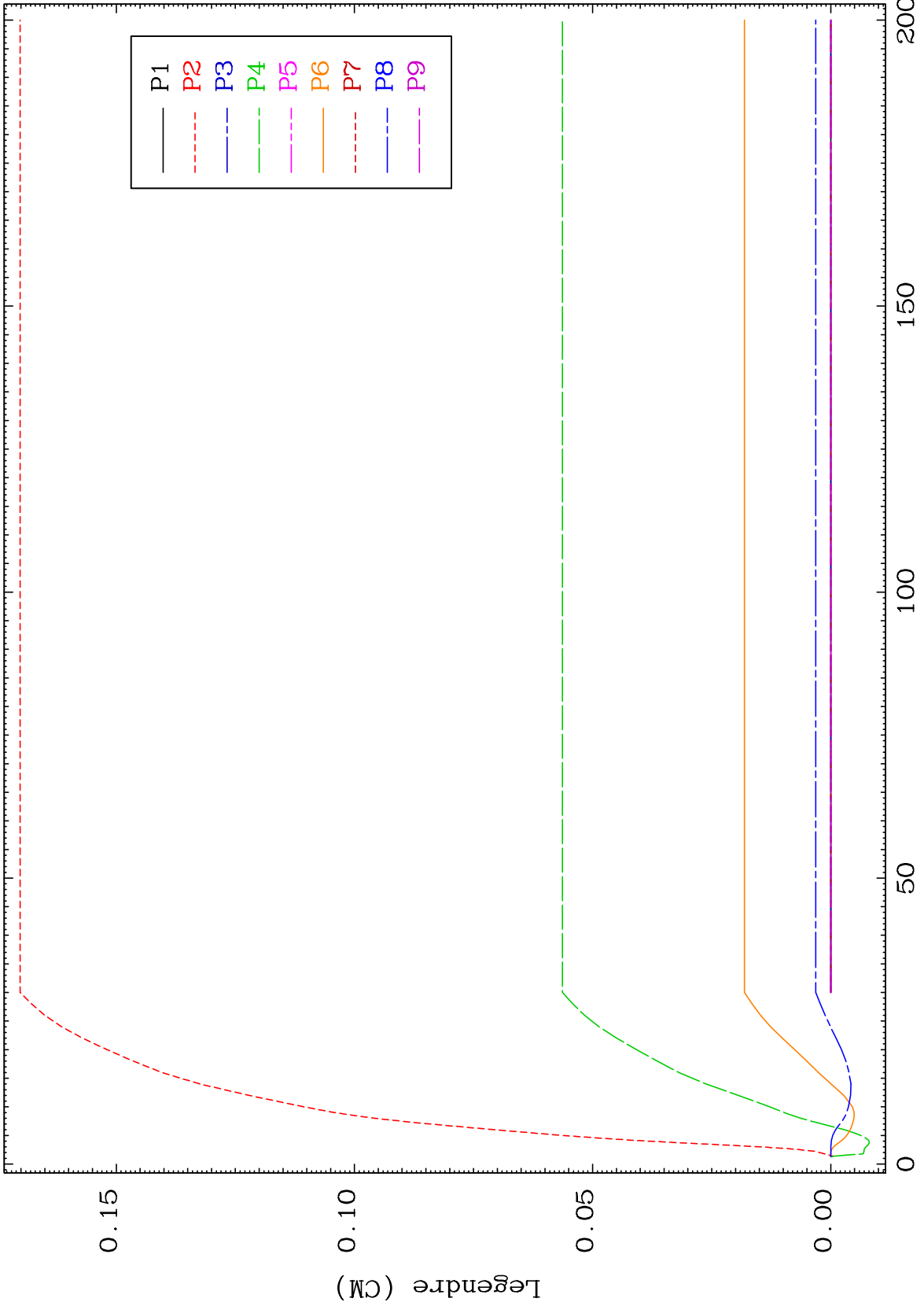
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



53

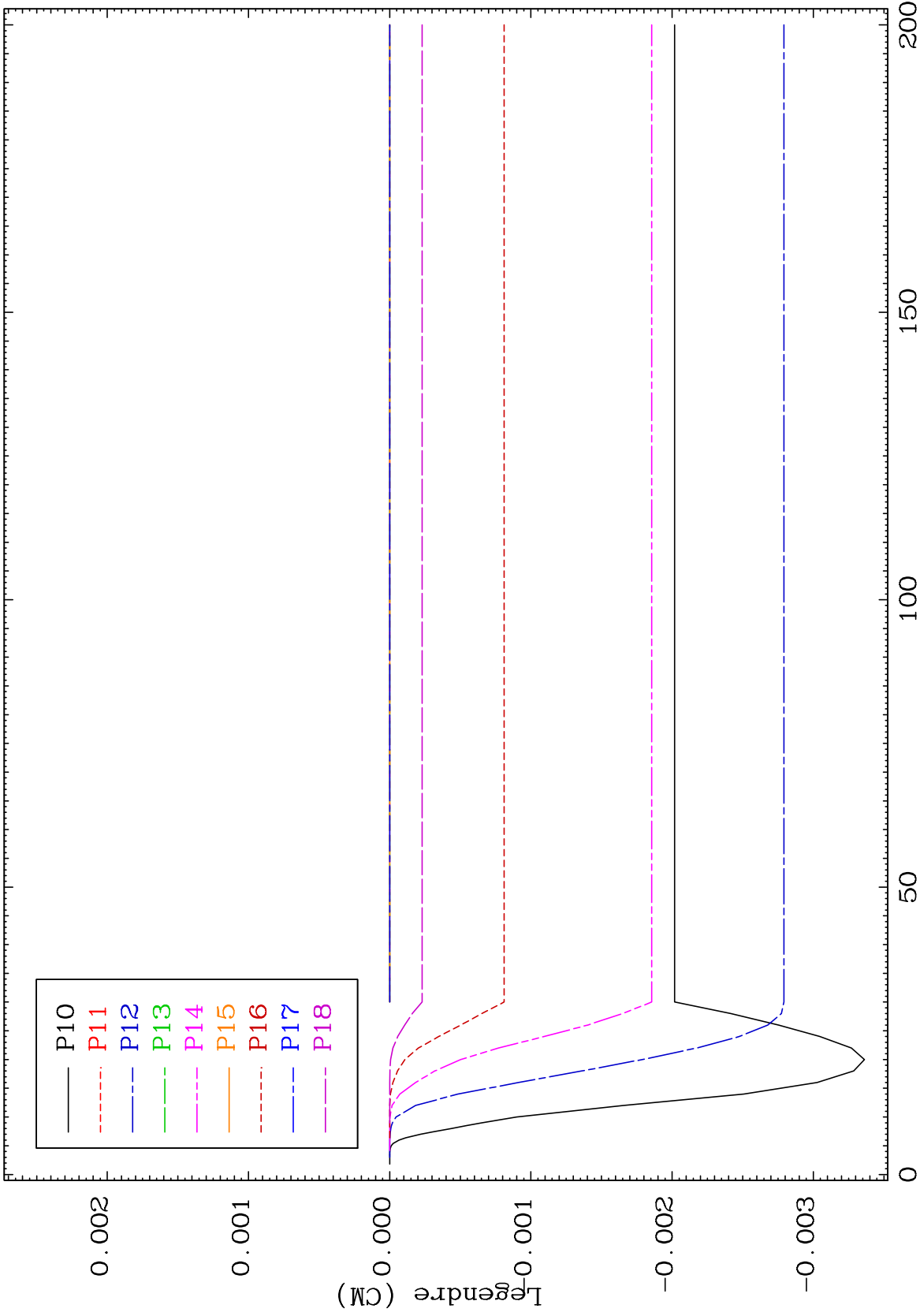
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



54

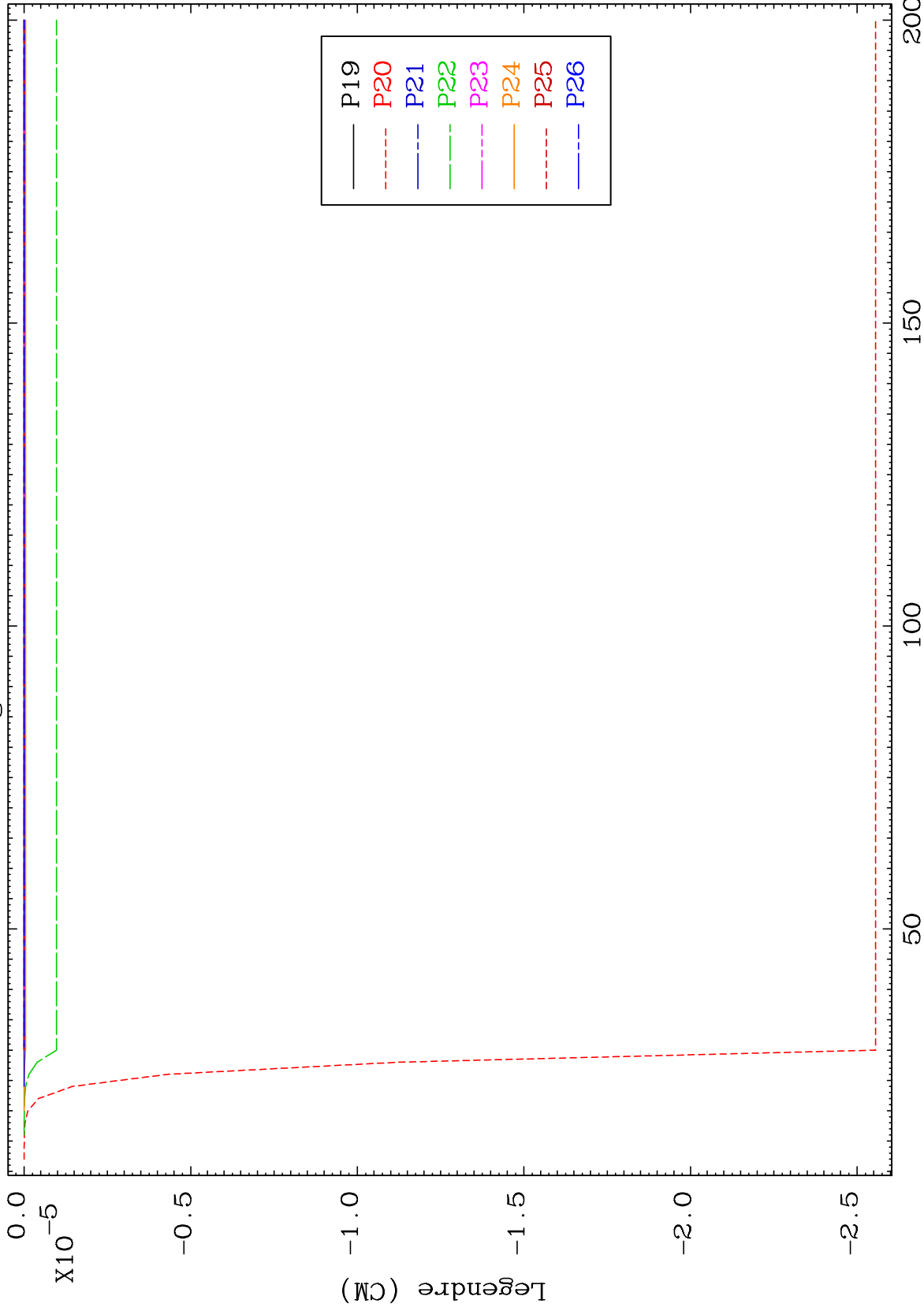
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



55

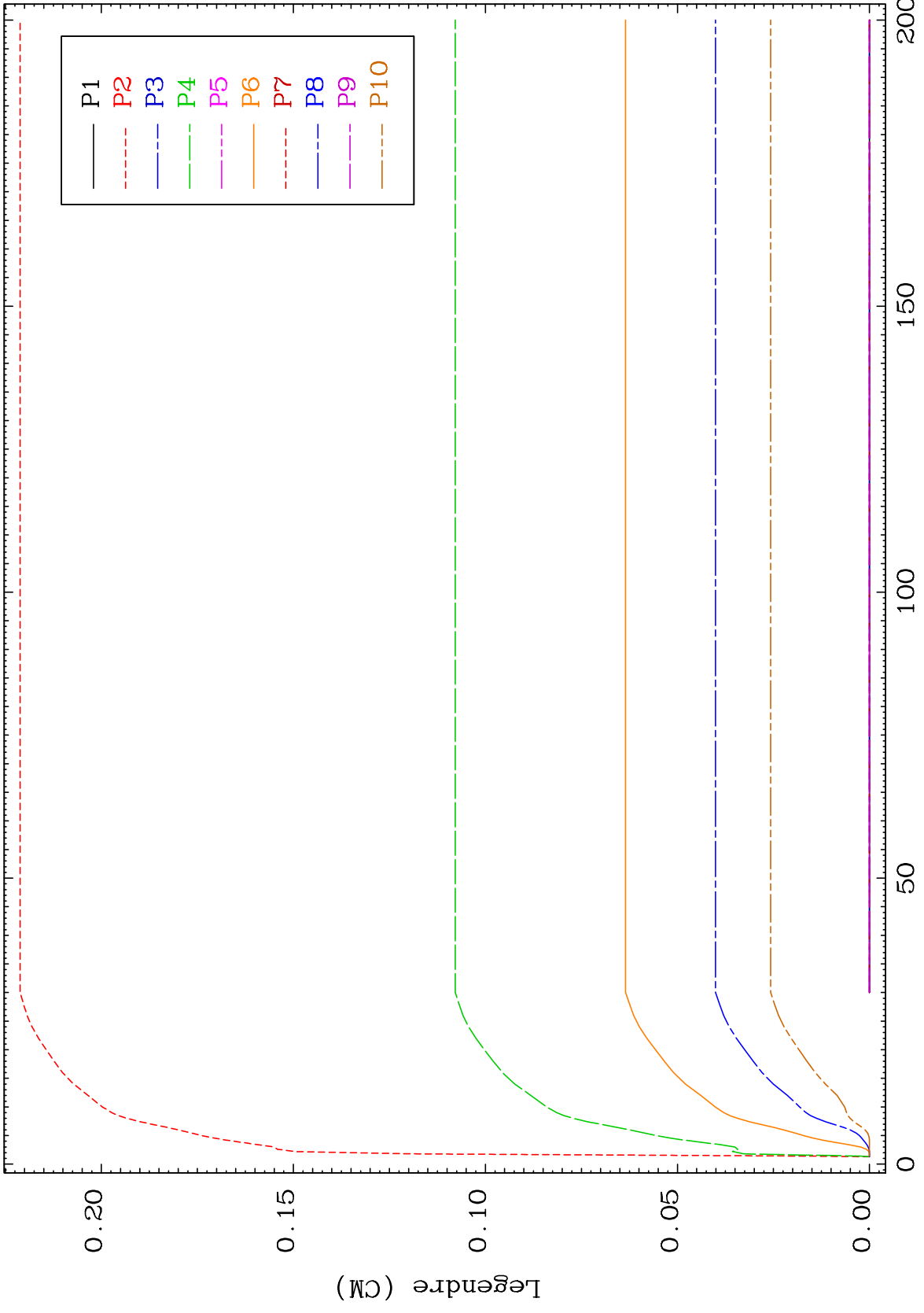
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



56

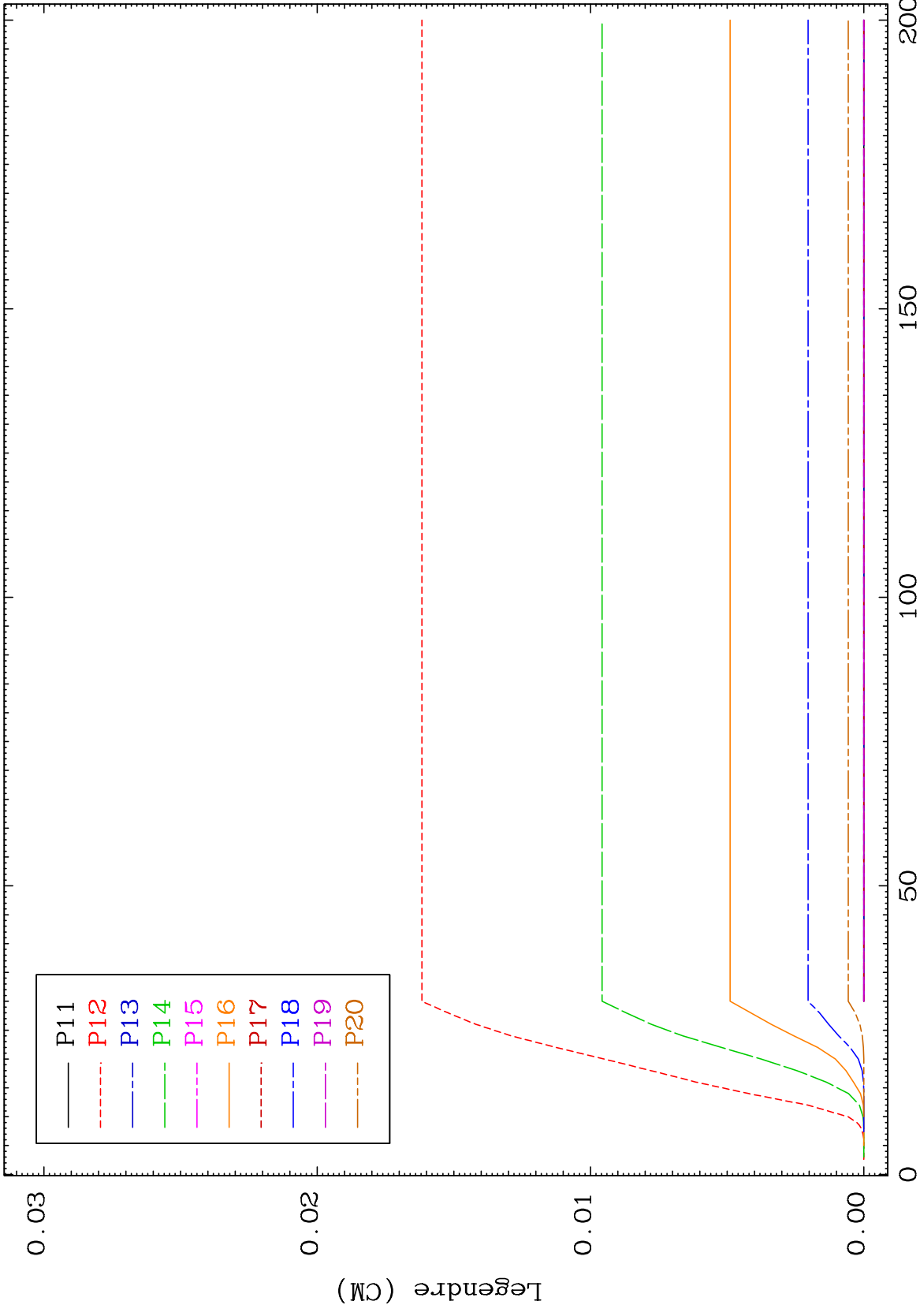
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160

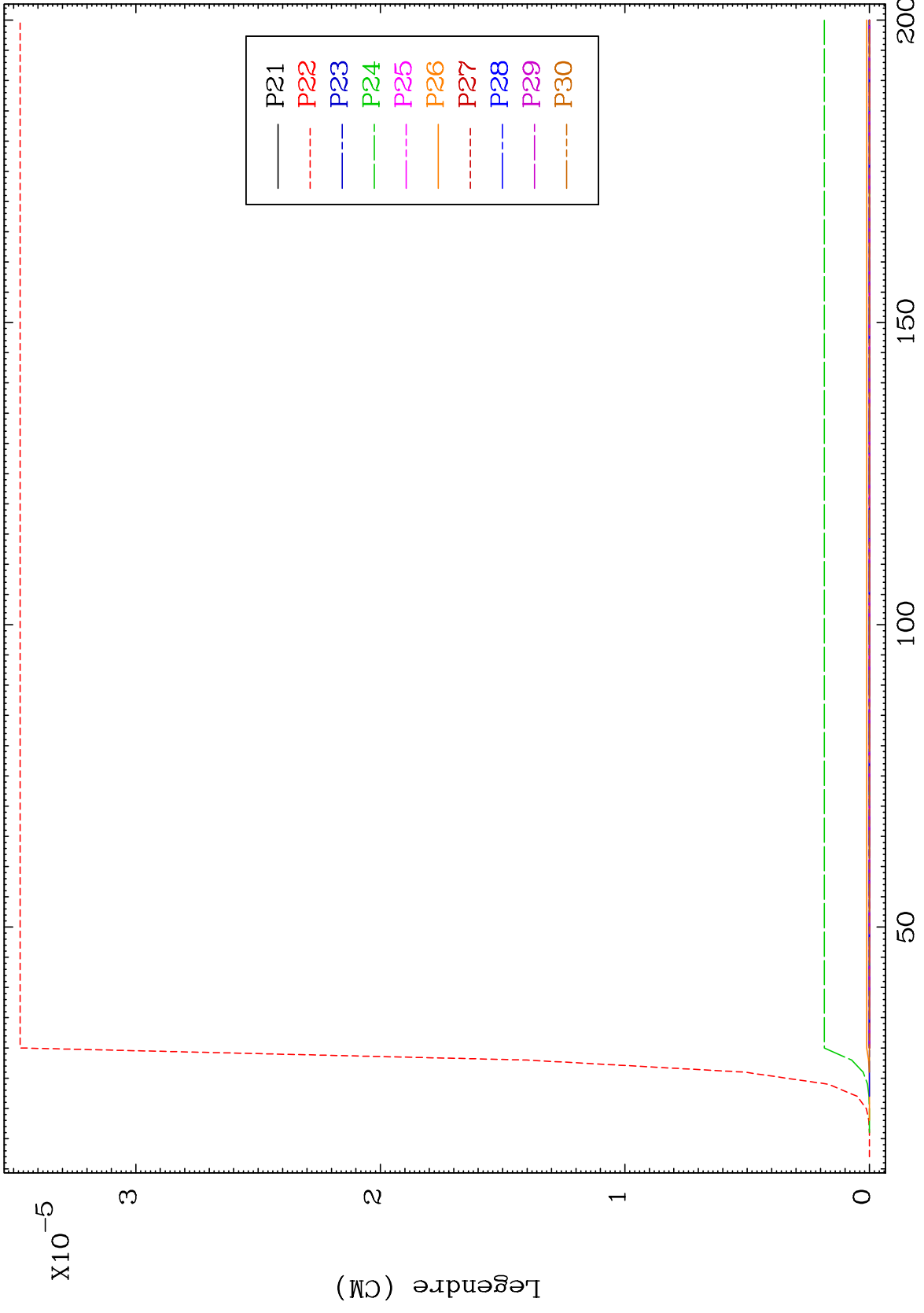


57

Incident Energy (MeV)

66-Dy-160

MAT 6637 MT= 61 (n,n') Level Legendre Coefficients 66-Dy-160

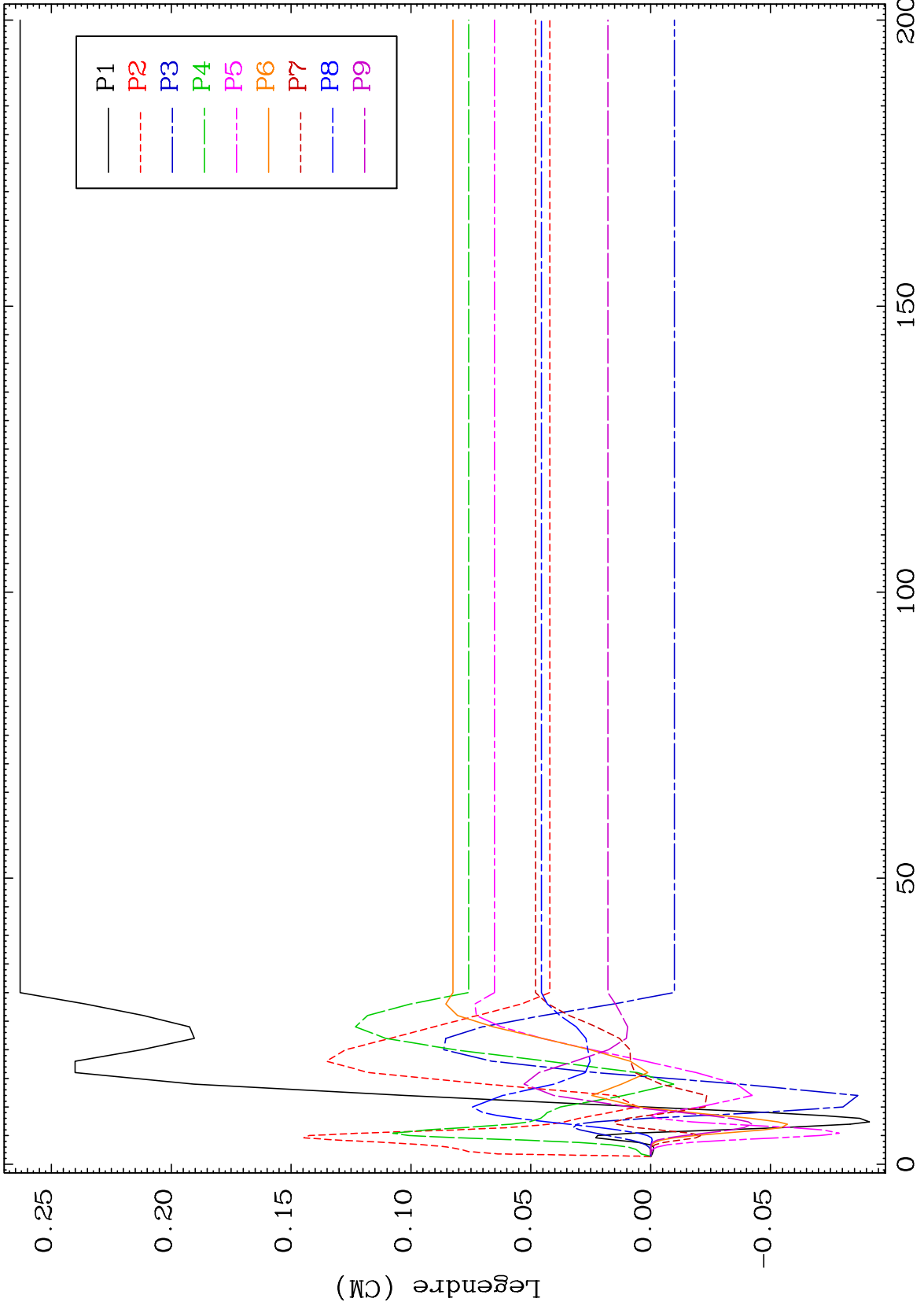


58 66-Dy-160

MAT 6637

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

66-Dy-160



59

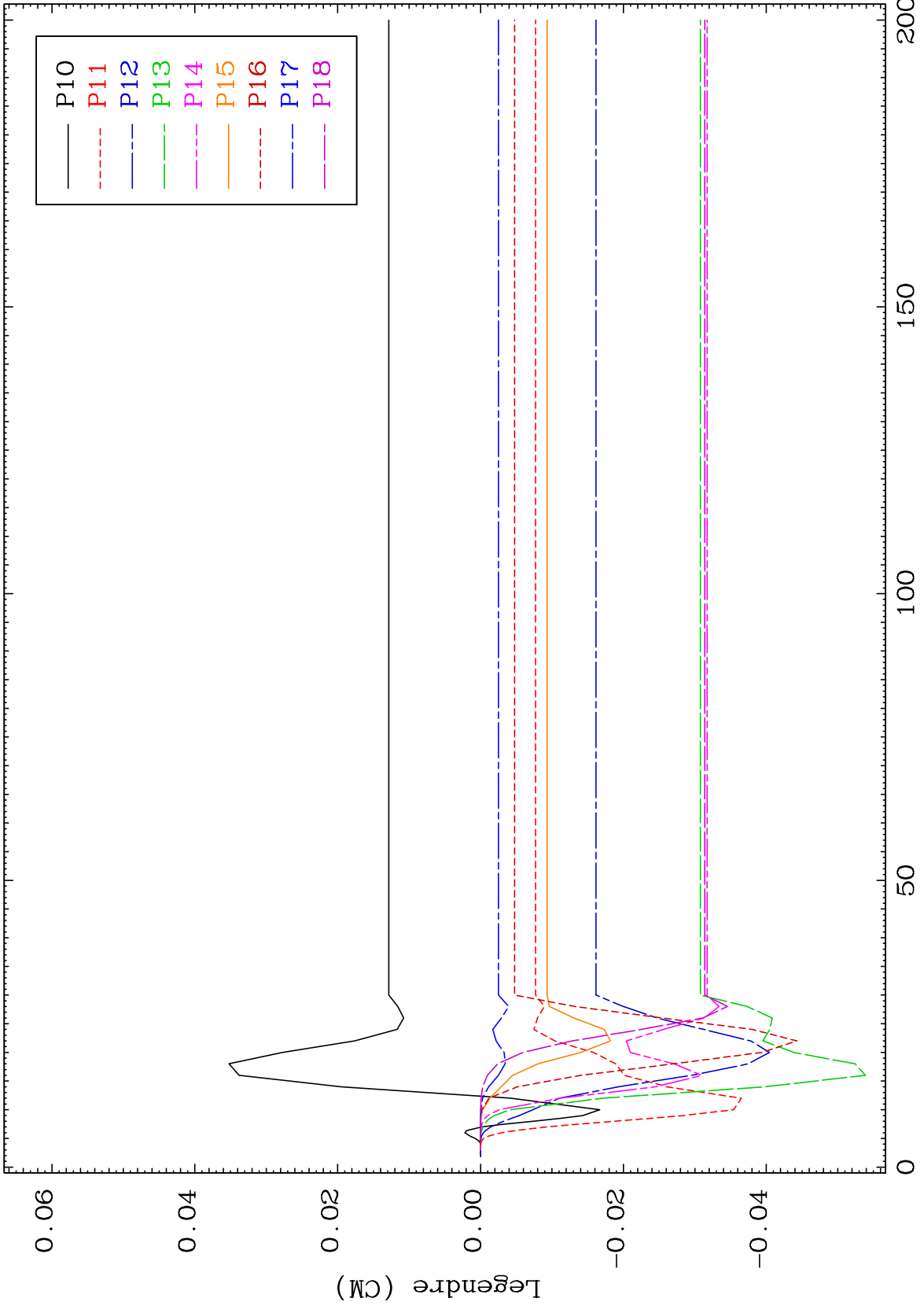
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



60

Incident Energy (MeV)

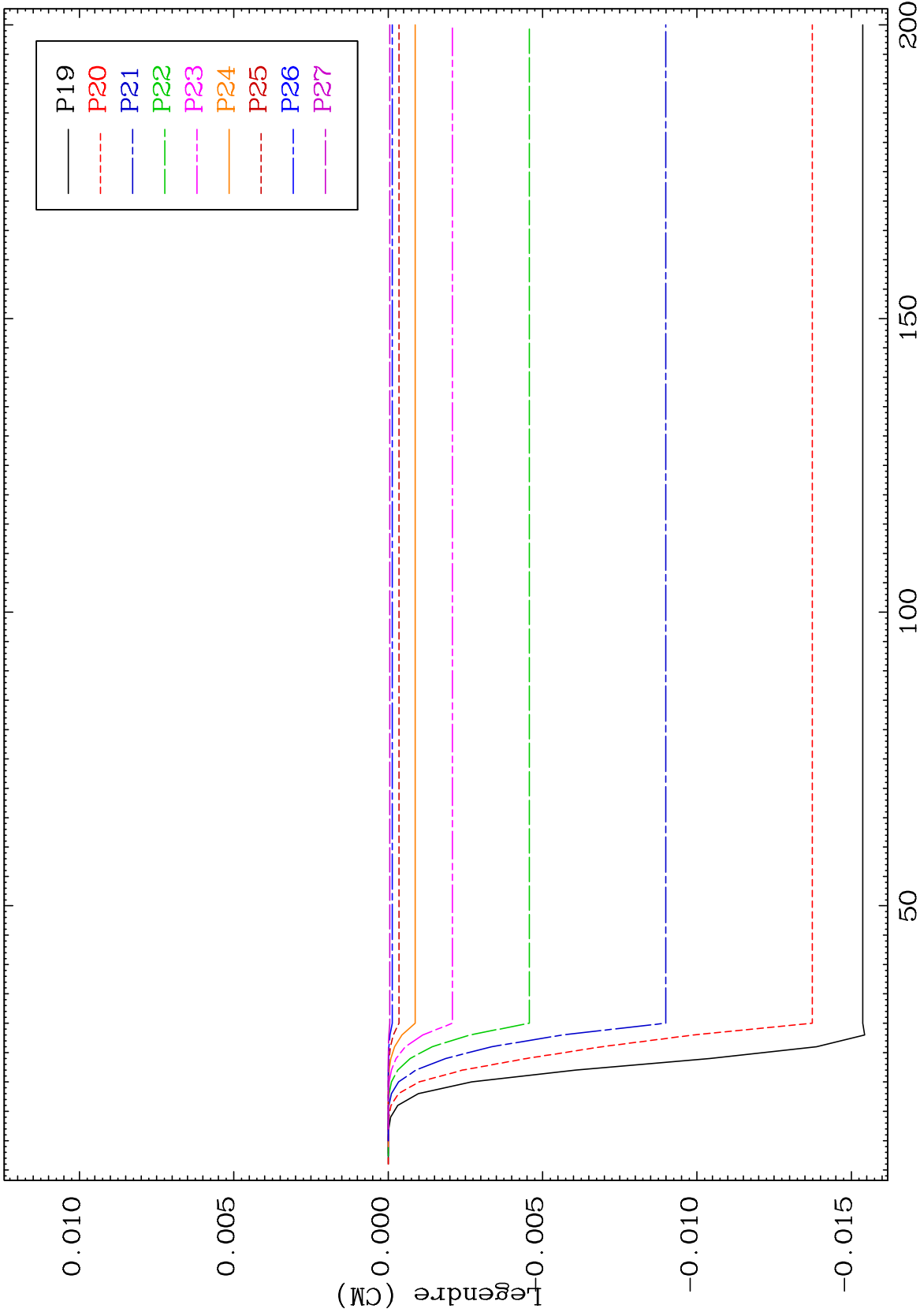
150

66-Dy-160

MAT 6637

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

66-Dy-160



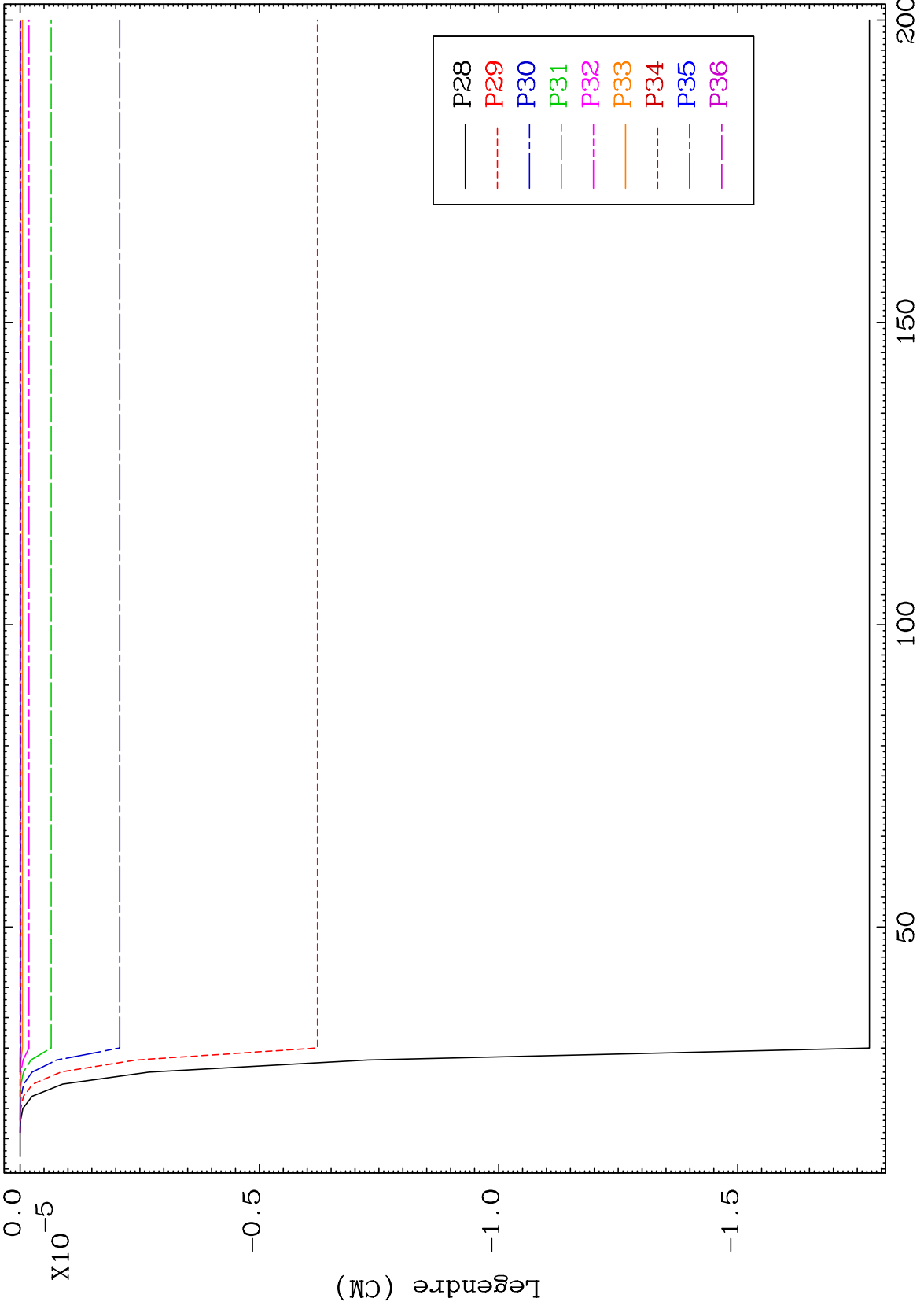
61

Incident Energy (MeV)

66-Dy-160

MAT 6637 MT= 62 (n,n') Level 66-Dy-160

Legendre Coefficients

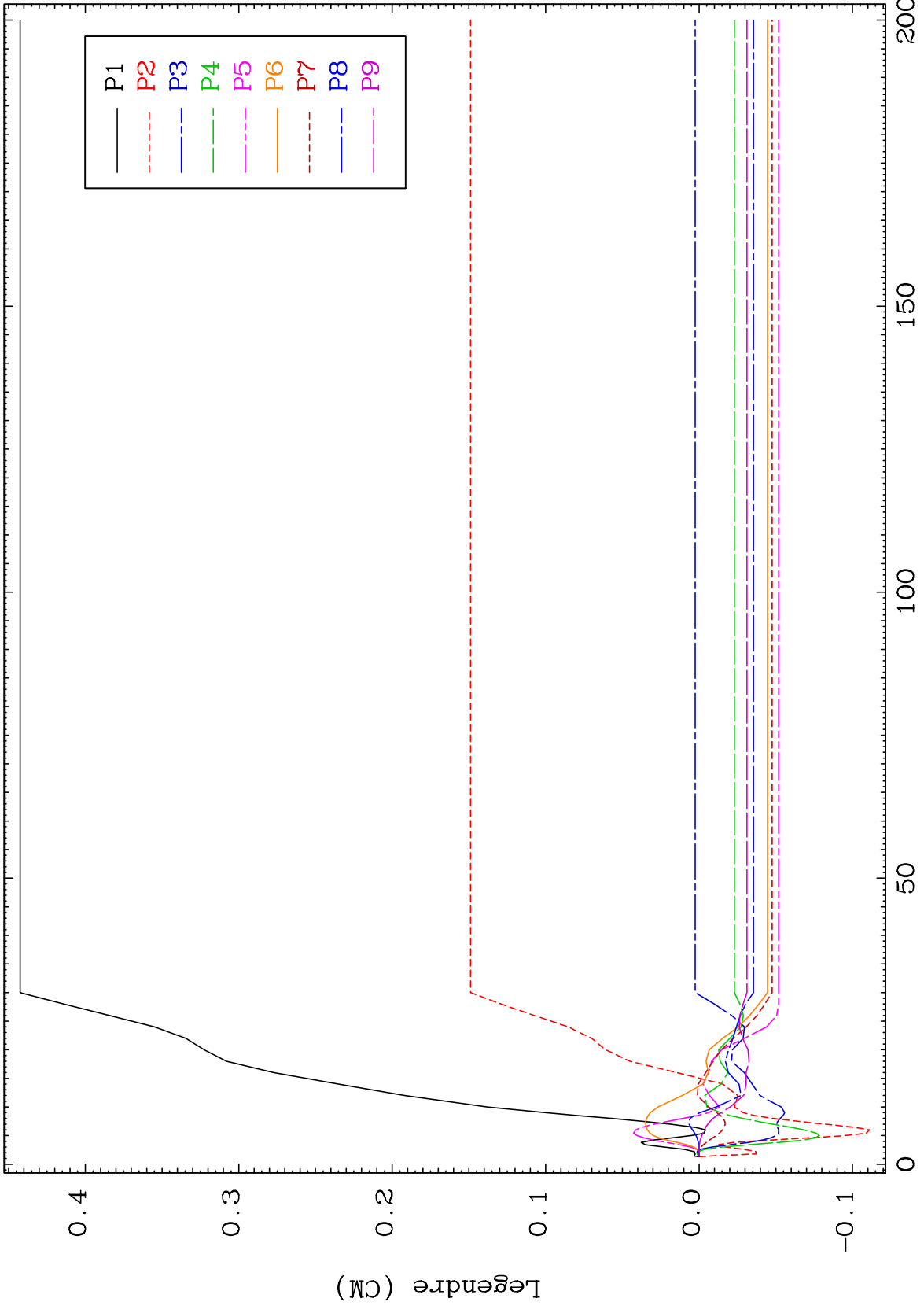


62 Incident Energy (MeV) 66-Dy-160

MAT 6637

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

66-Dy-160



63

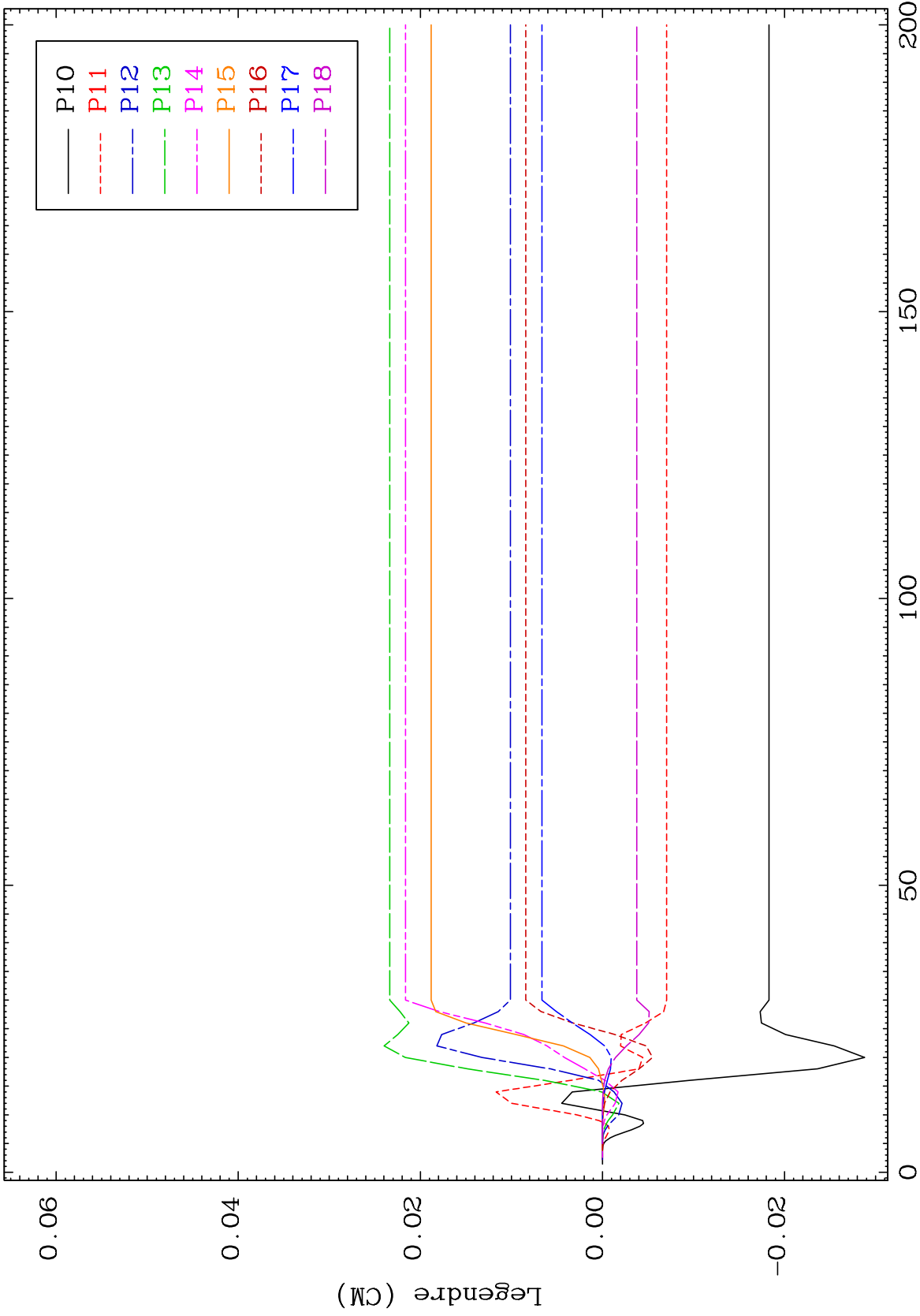
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



64

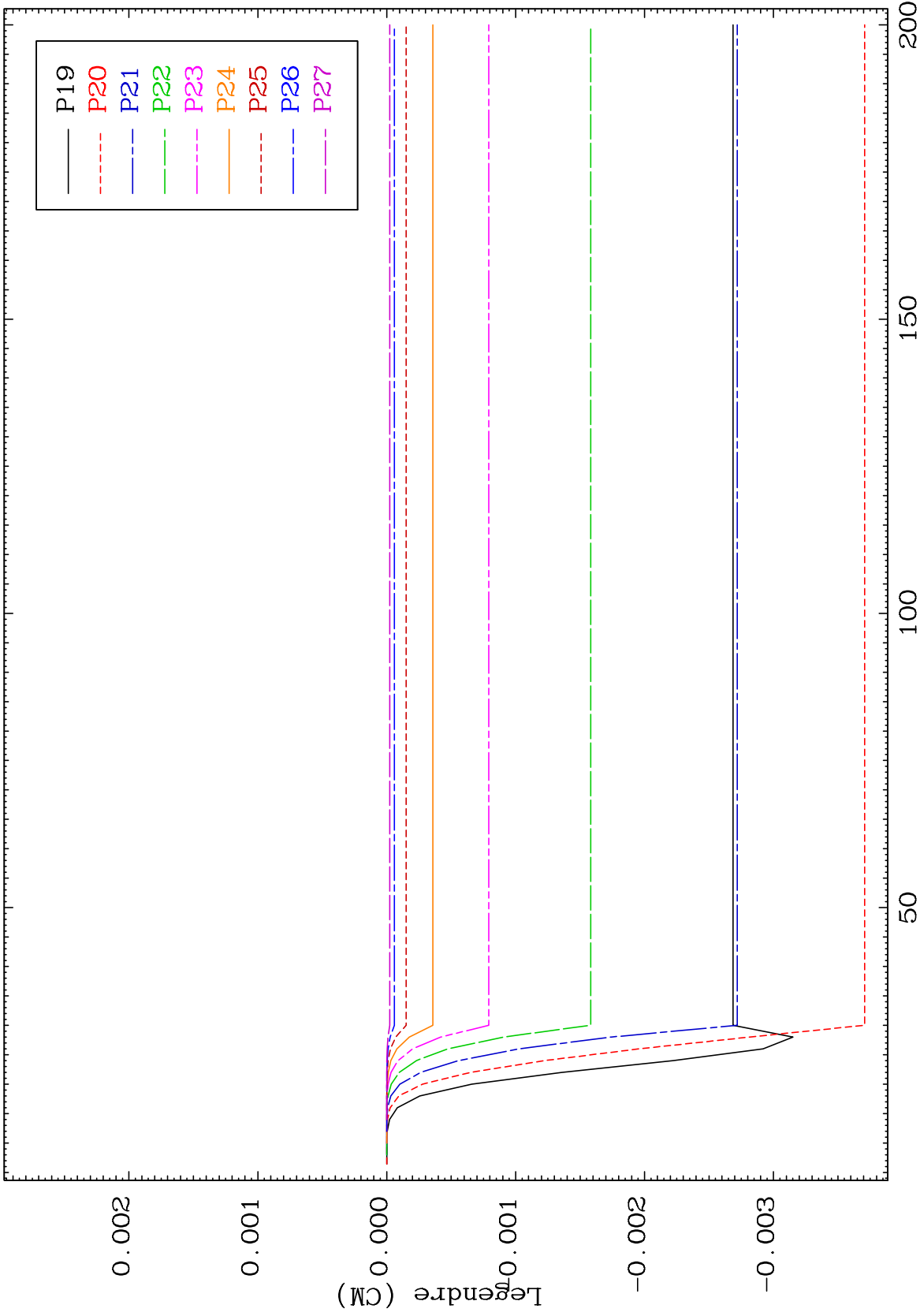
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



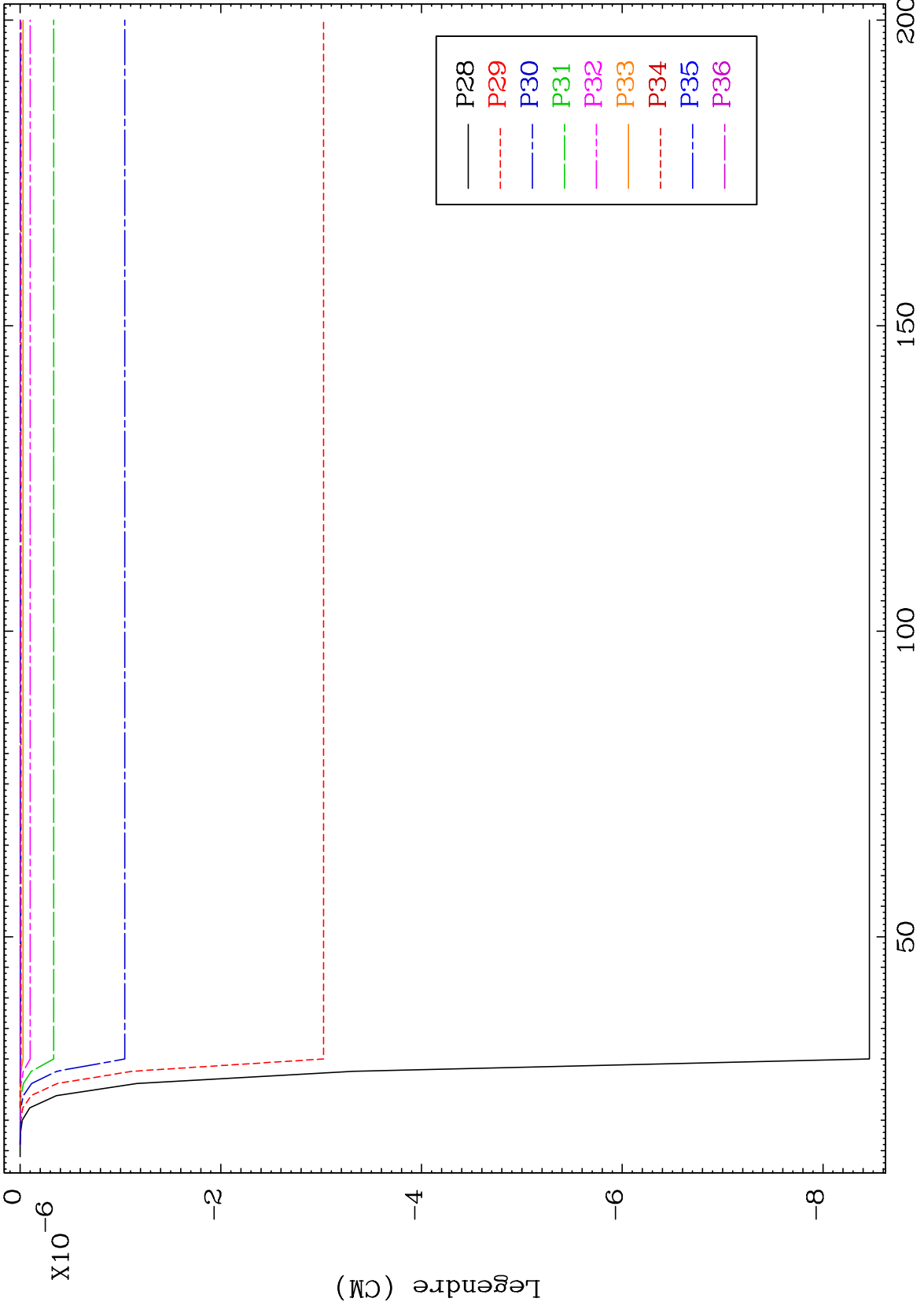
65

Incident Energy (MeV)

66-Dy-160

MAT 6637 MT= 63 (n,n') Level 66-Dy-160

Legendre Coefficients

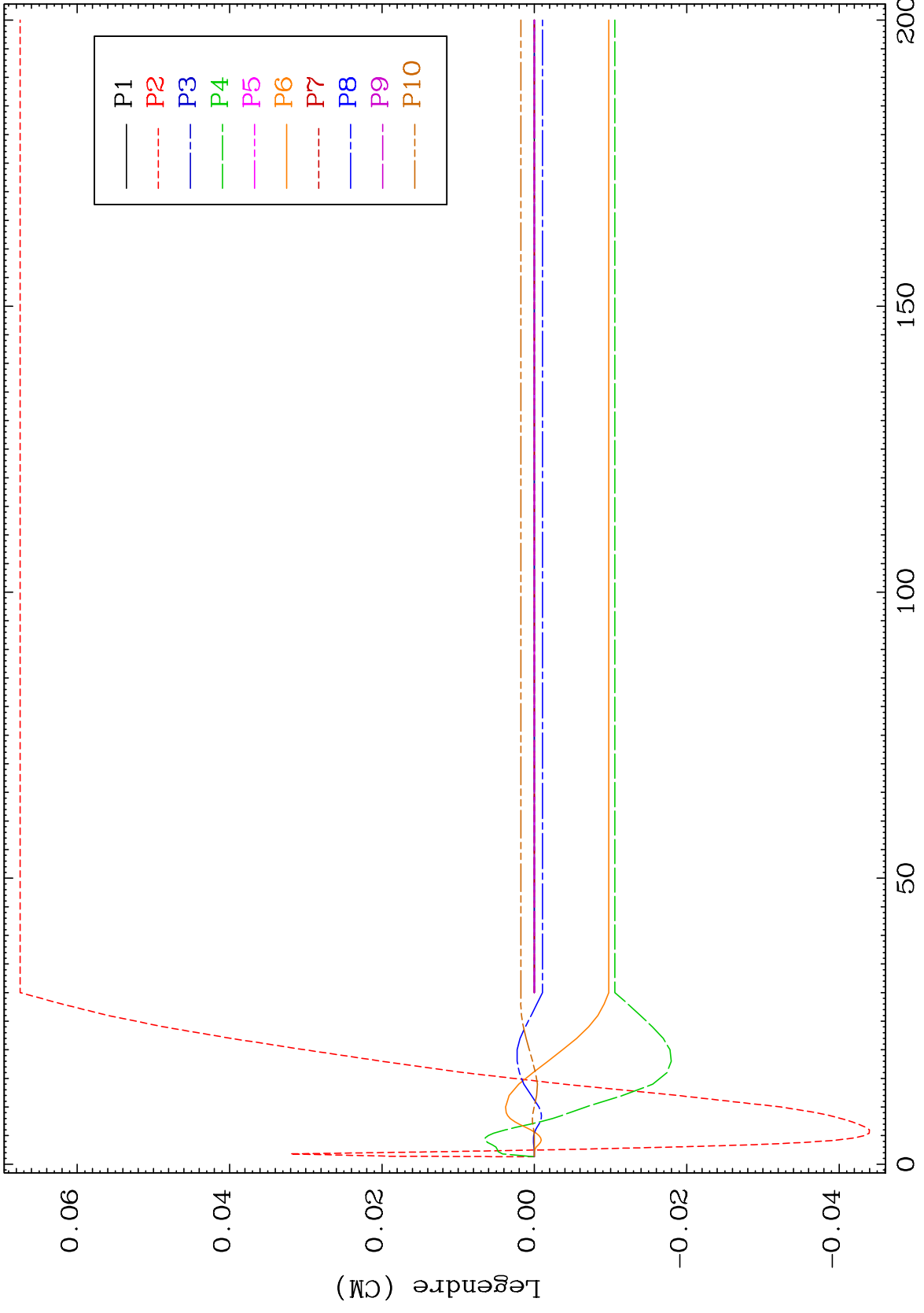


66 Incident Energy (MeV) 66-Dy-160

MAT 6637

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

66-Dy-160



67

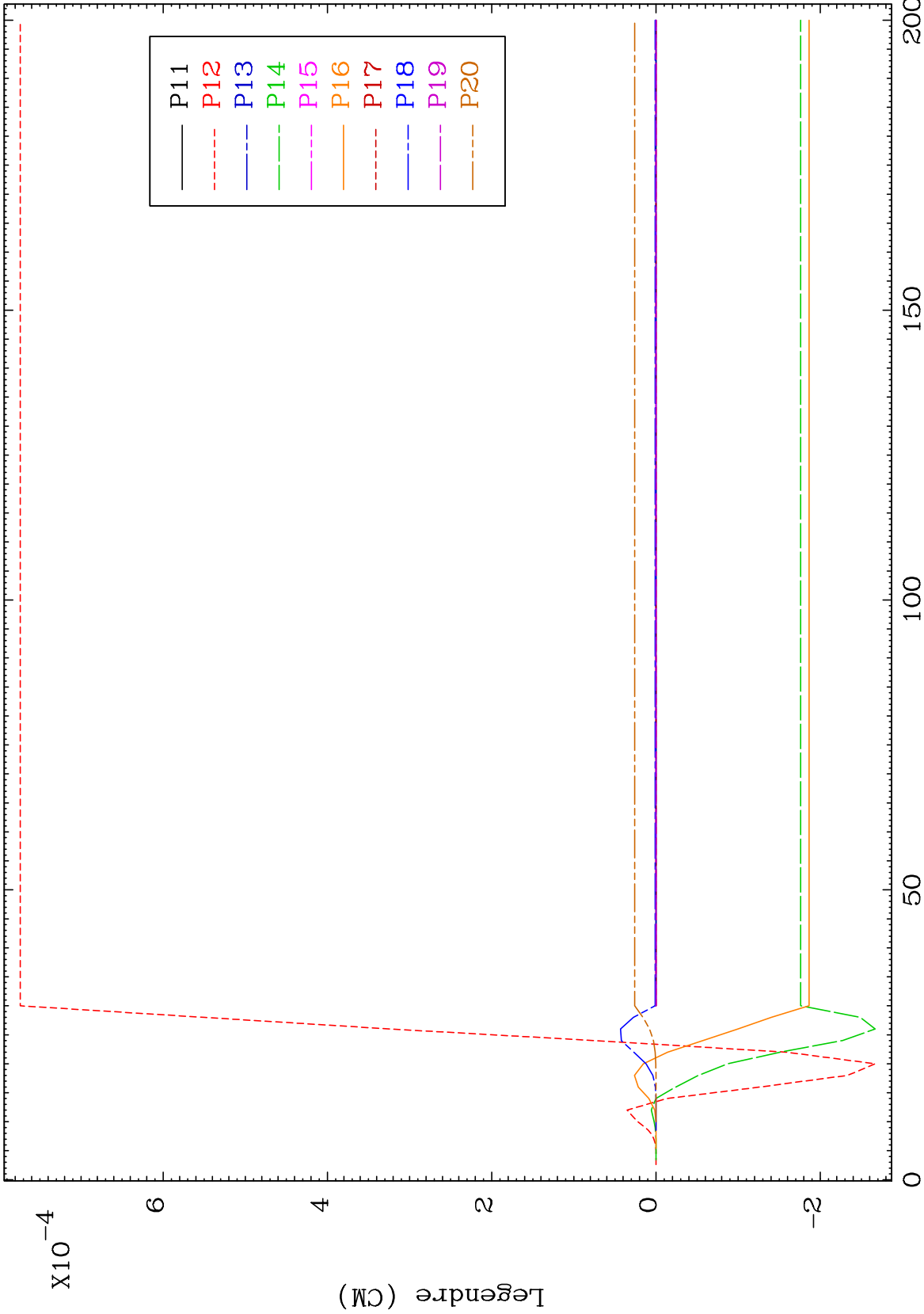
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160

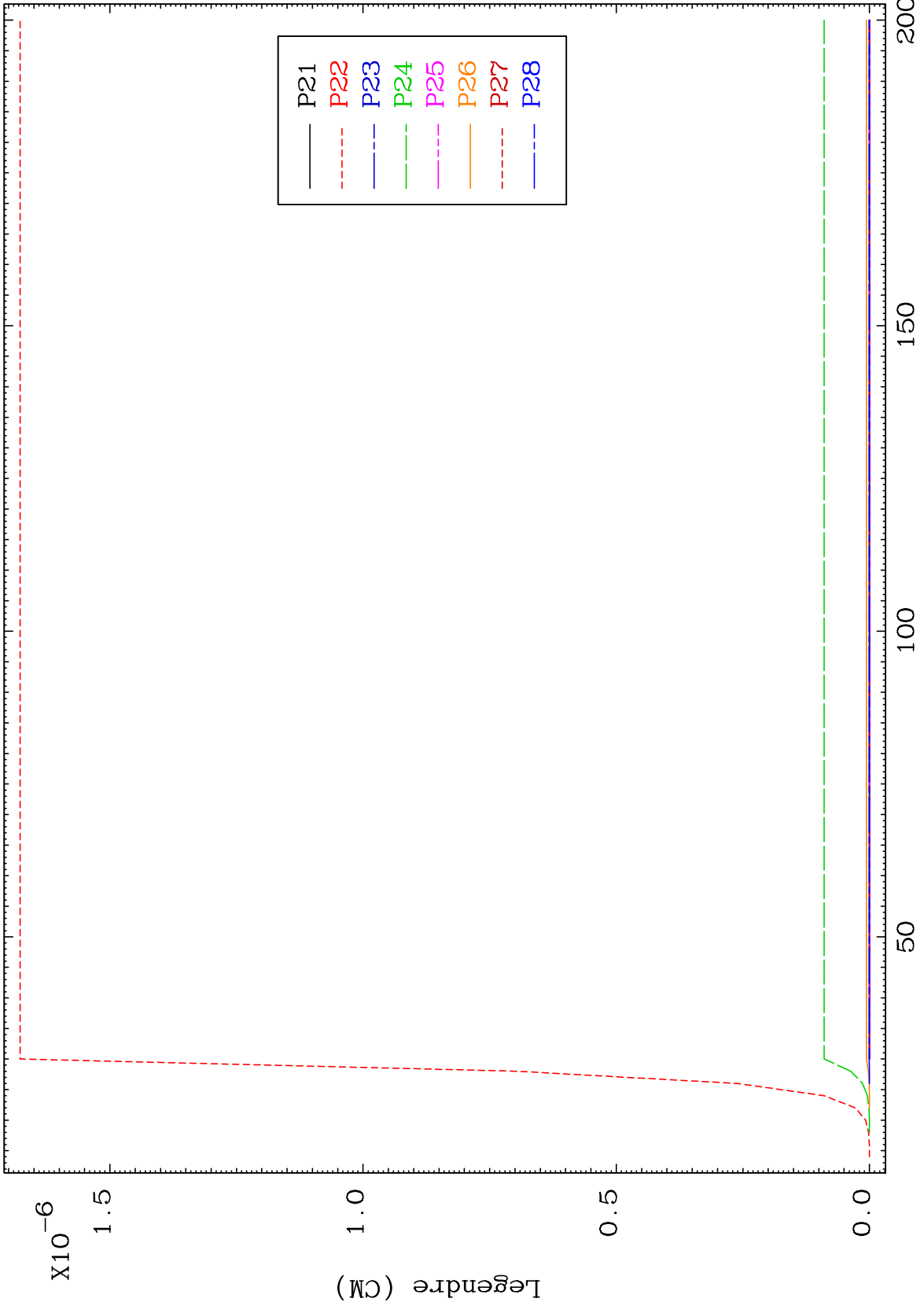


68

Incident Energy (MeV)

66-Dy-160

MAT 6637 MT= 64 (n,n') Level Legendre Coefficients 66-Dy-160

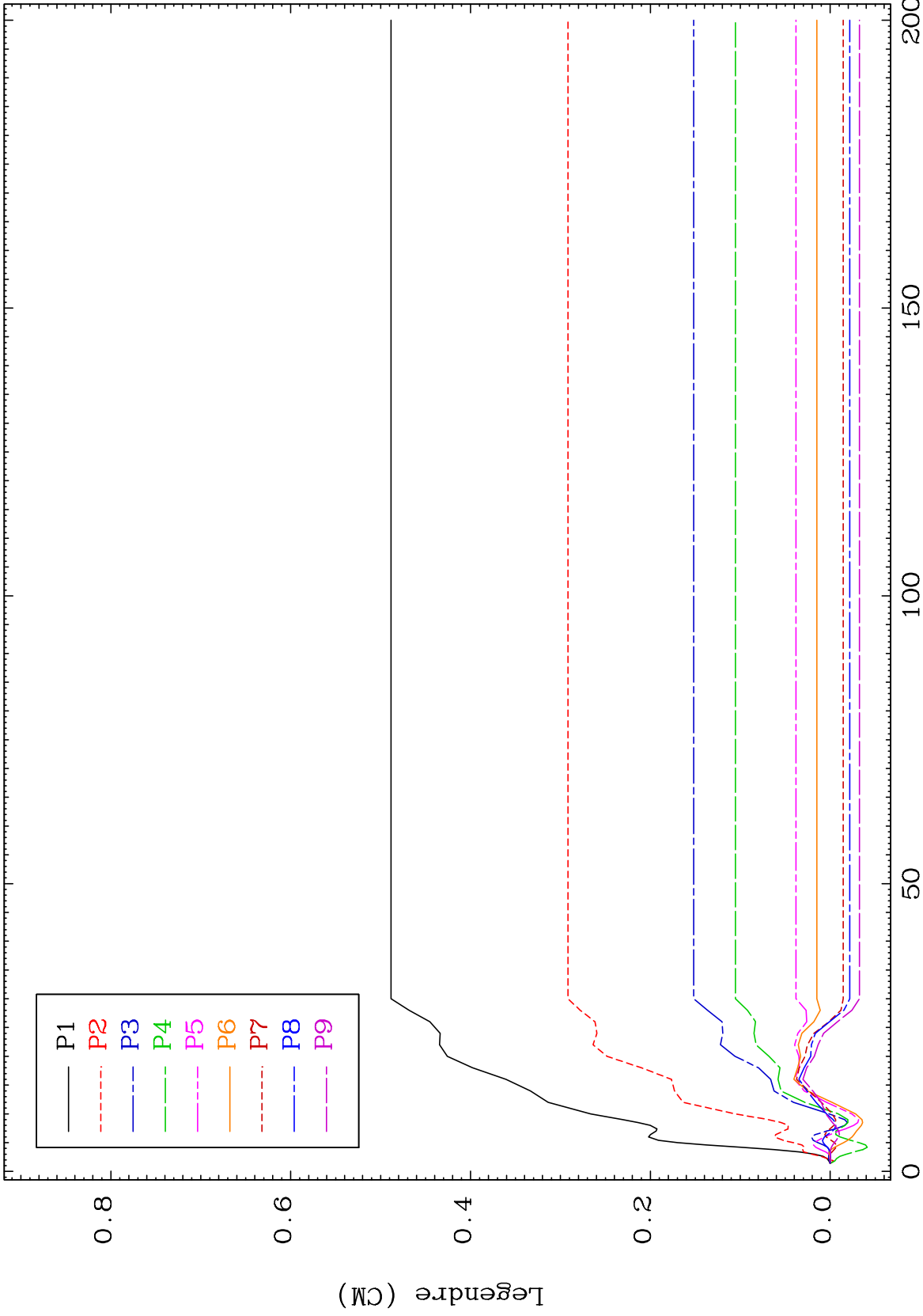


69 66-Dy-160

MAT 6637

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

66-Dy-160



70

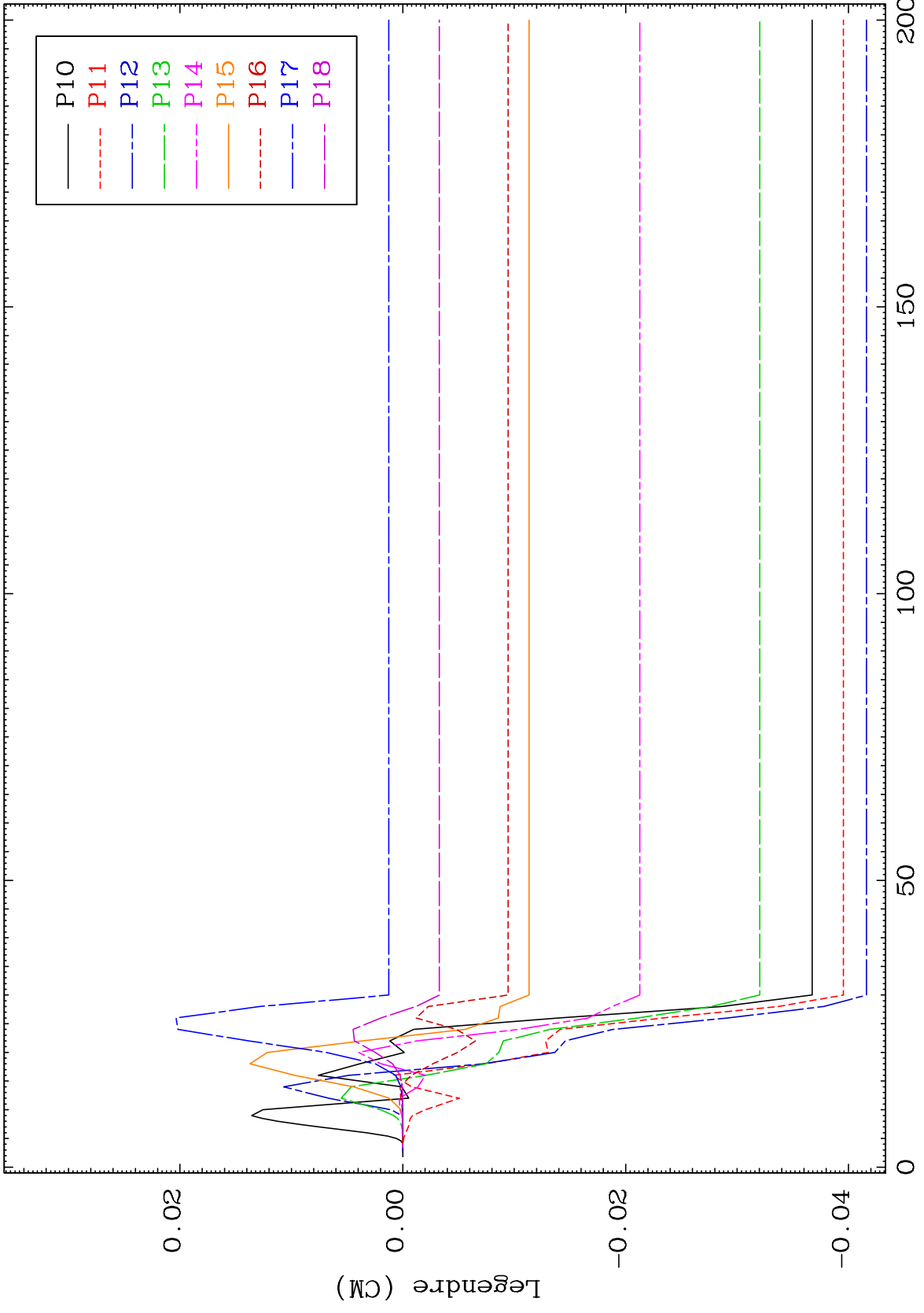
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



71

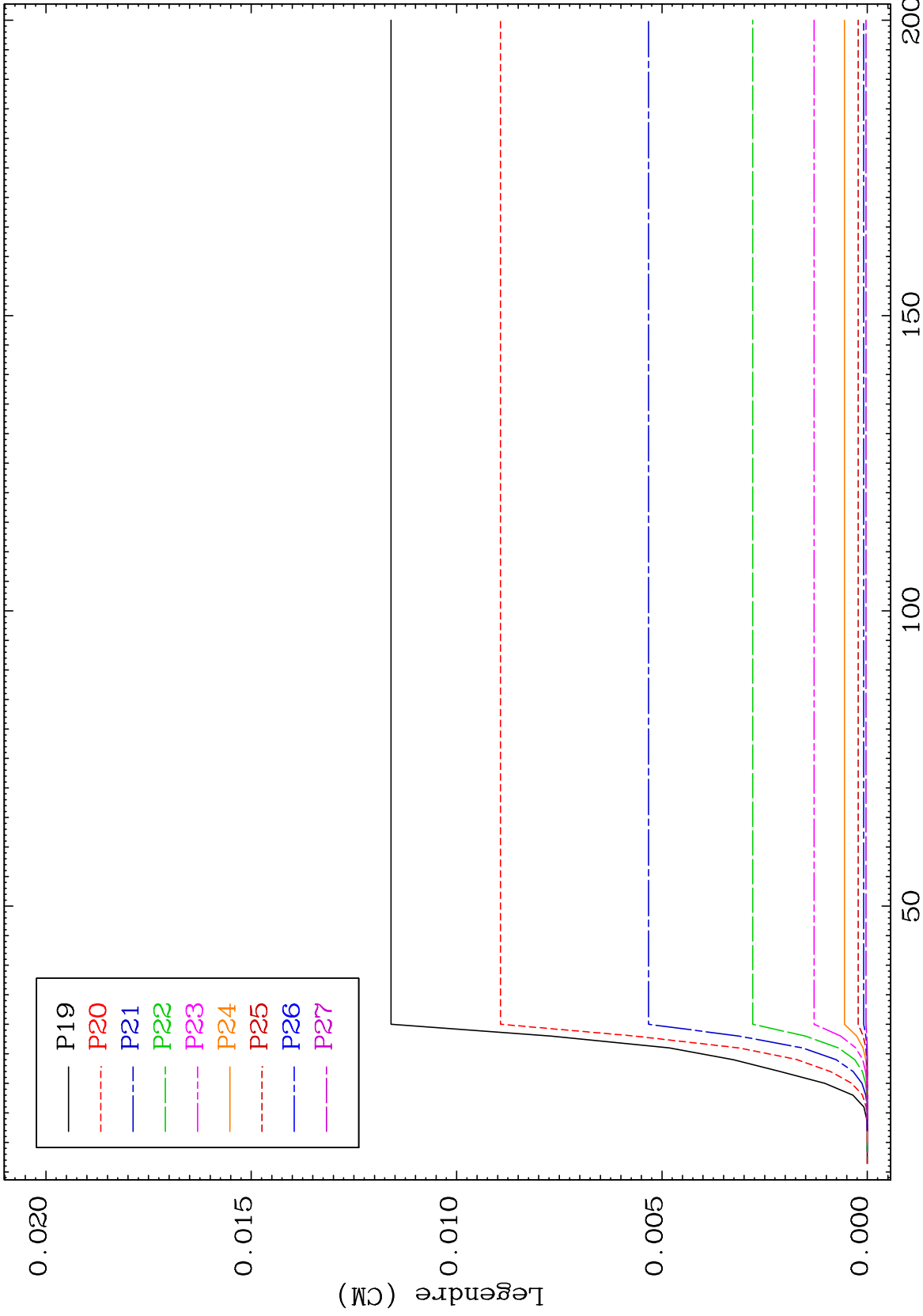
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



72

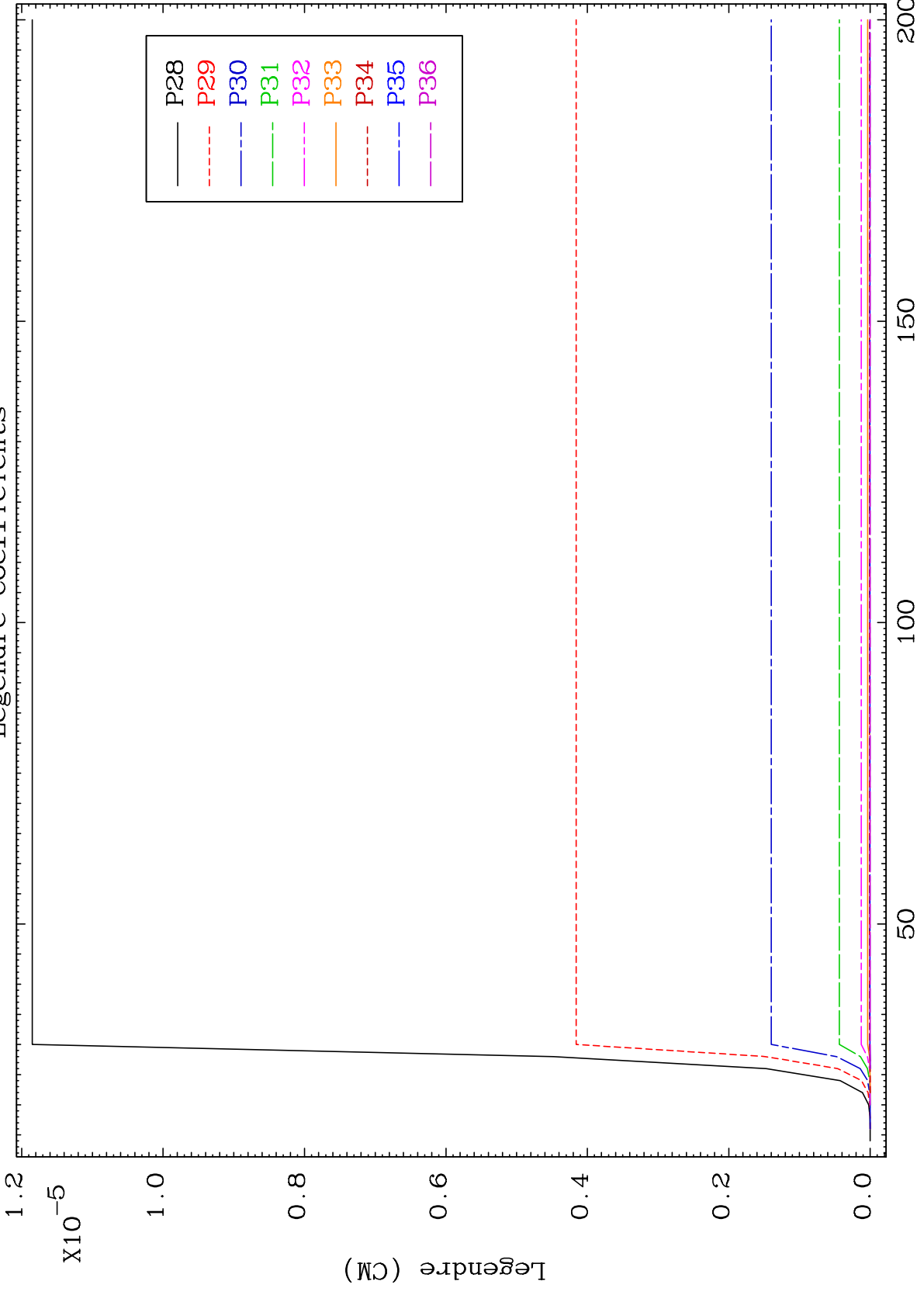
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



66-Dy-160

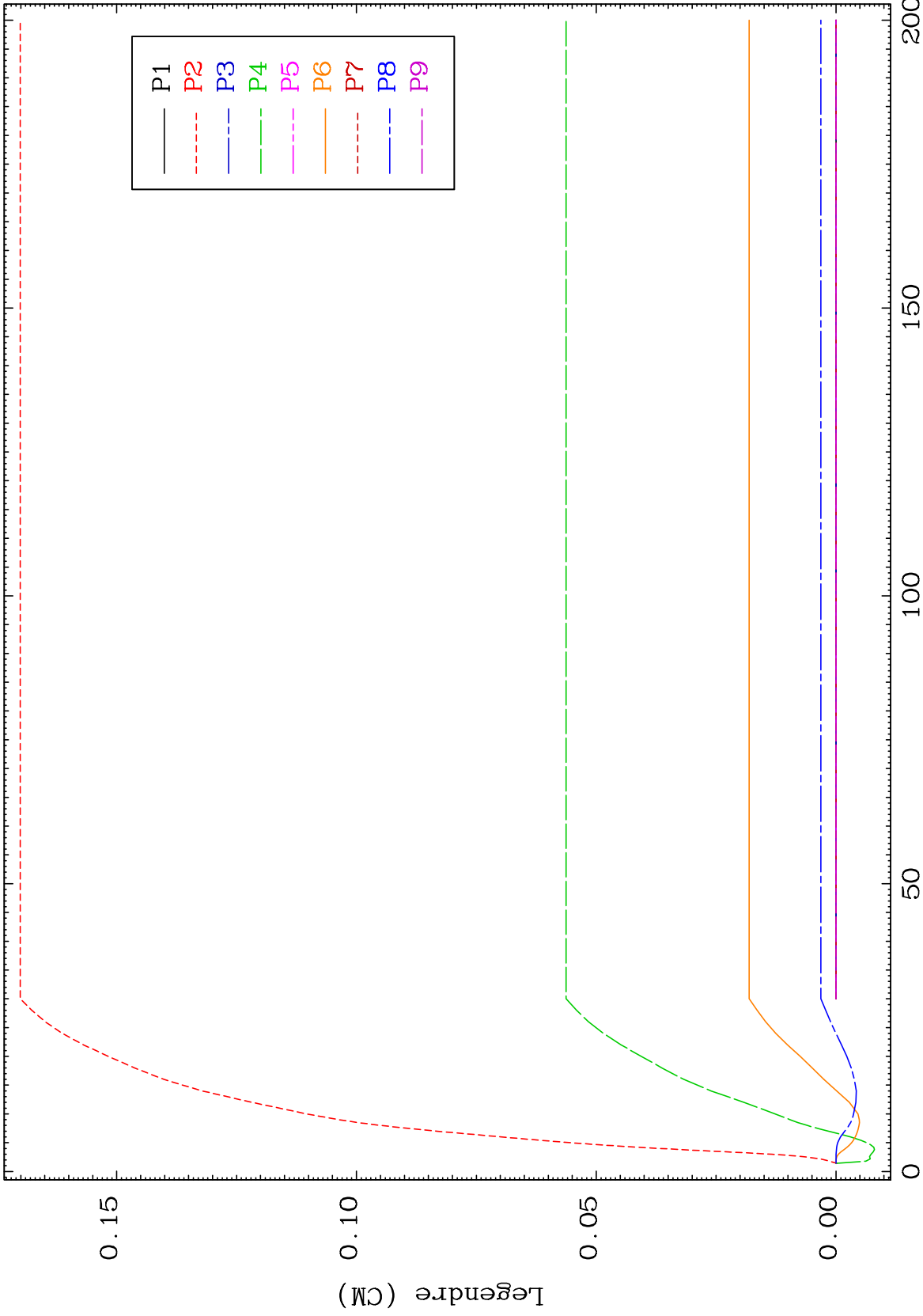
Incident Energy (MeV)

73

MAT 6637

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

66-Dy-160



74

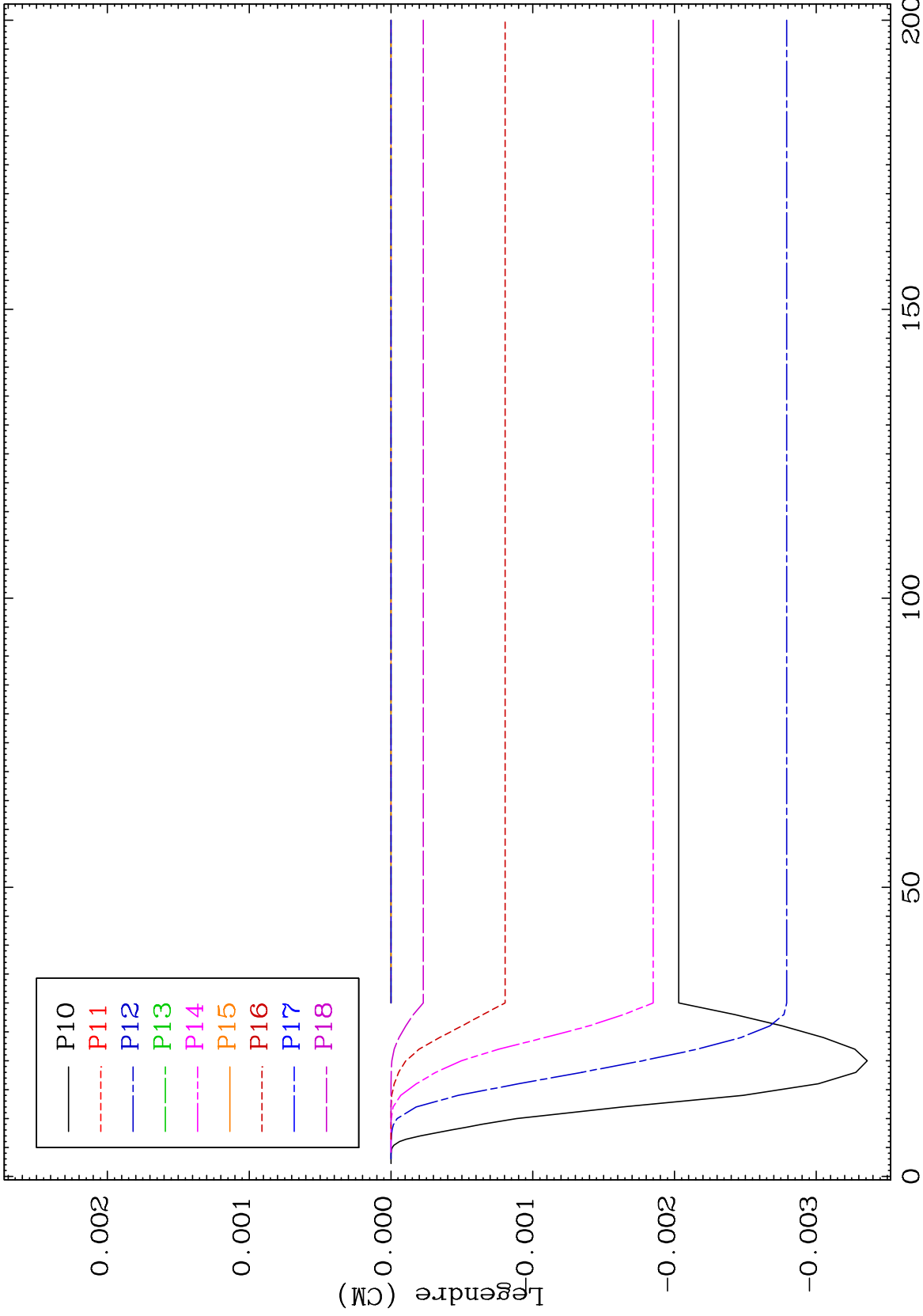
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



75

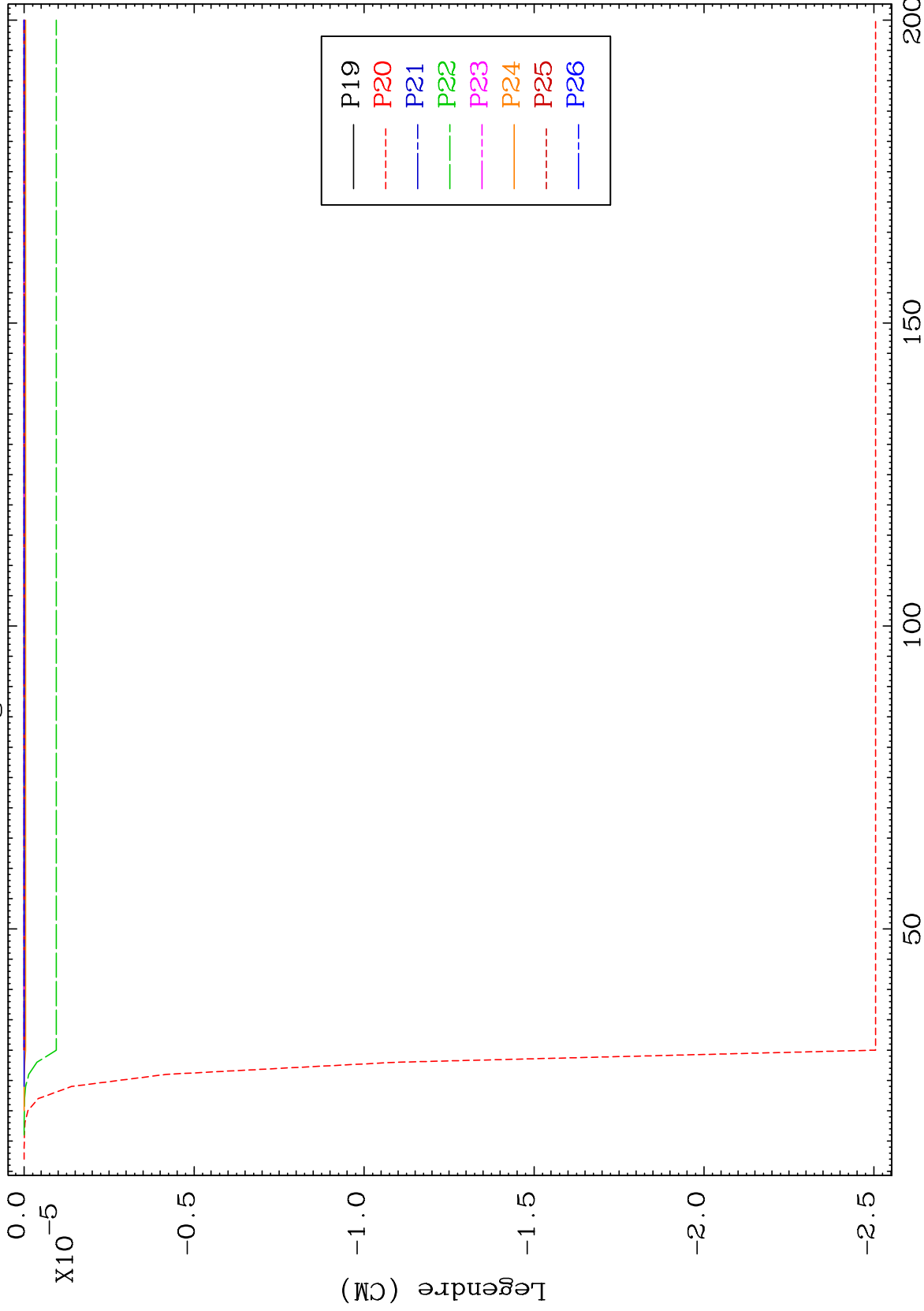
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



76

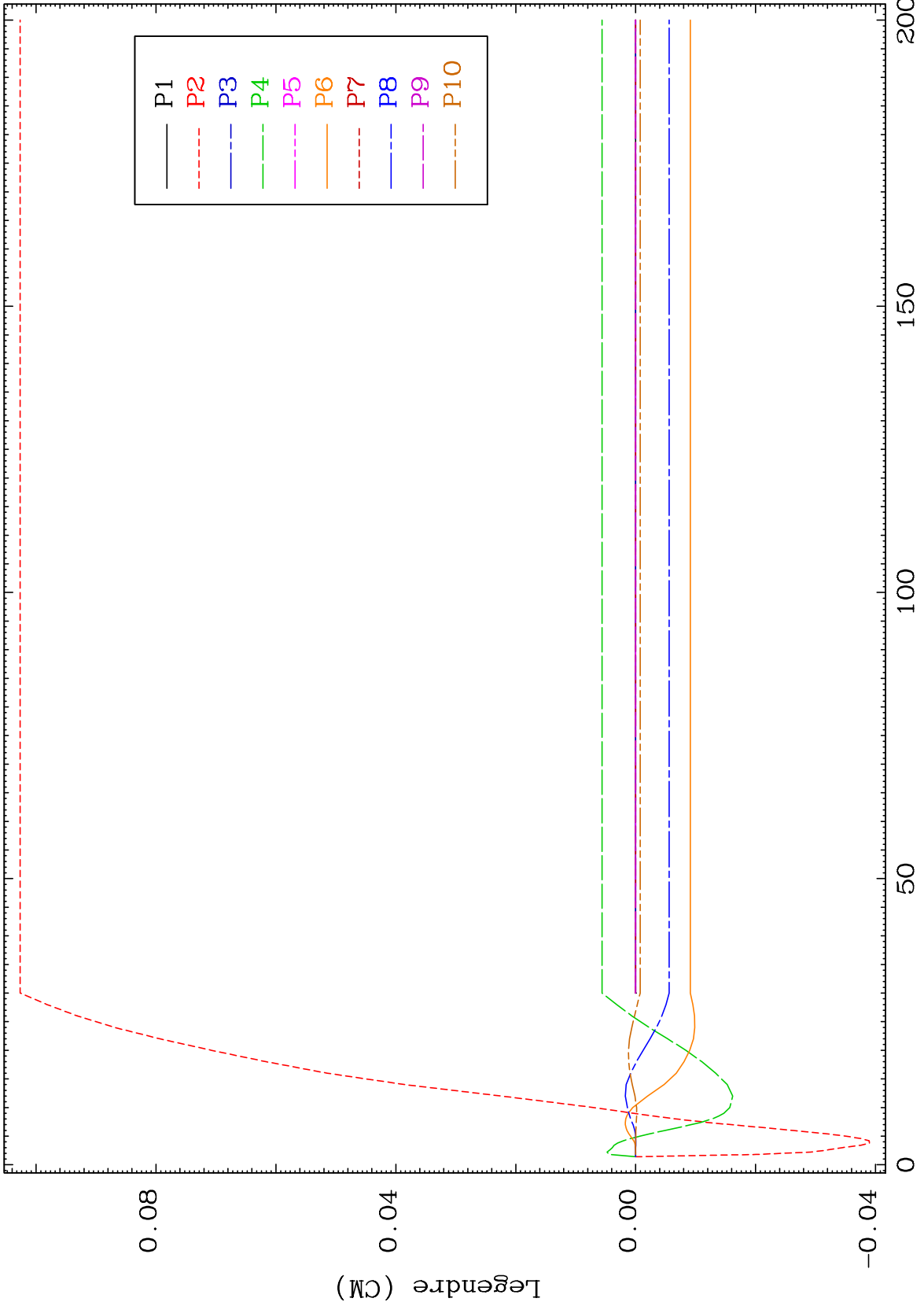
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



77

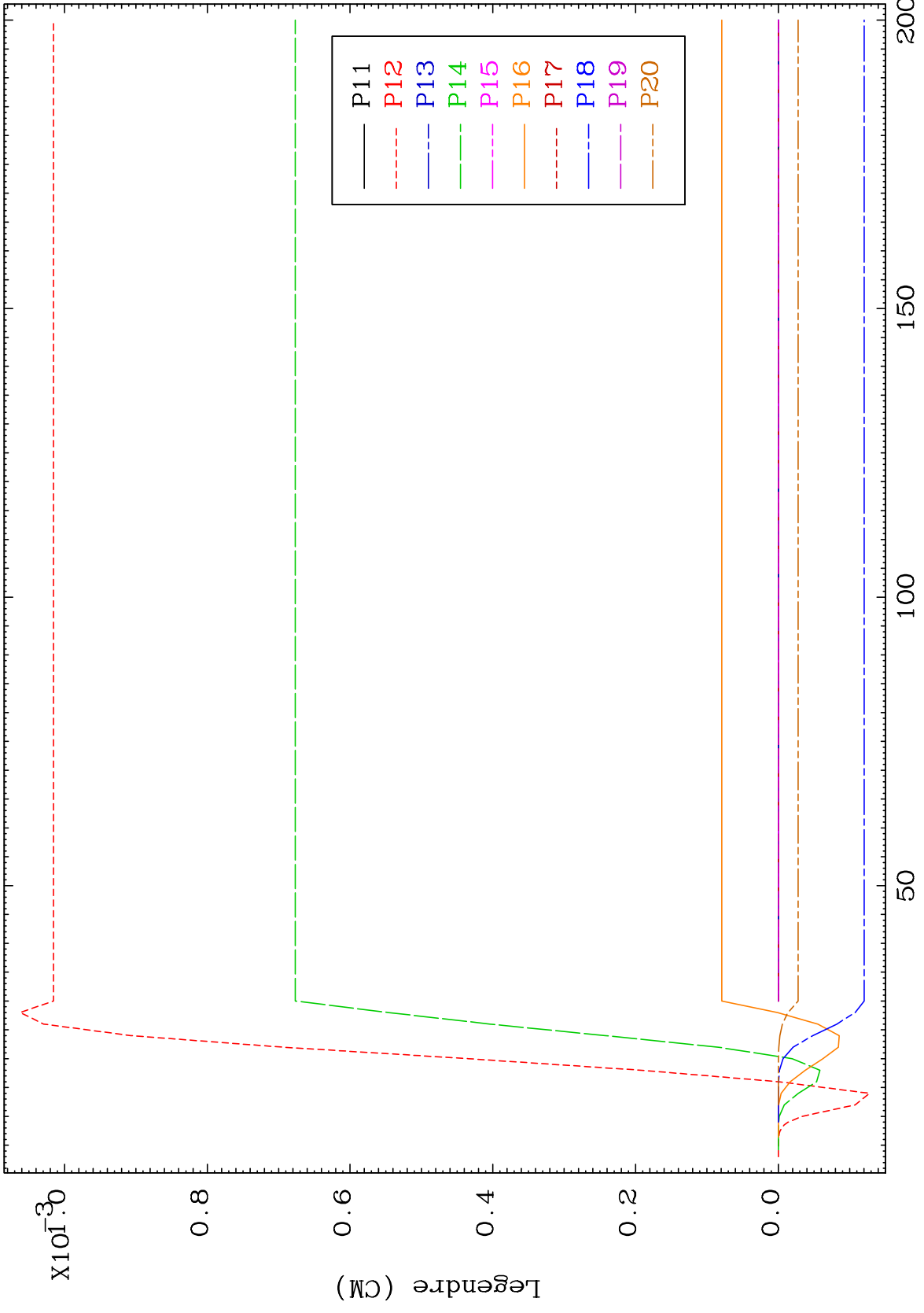
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



78

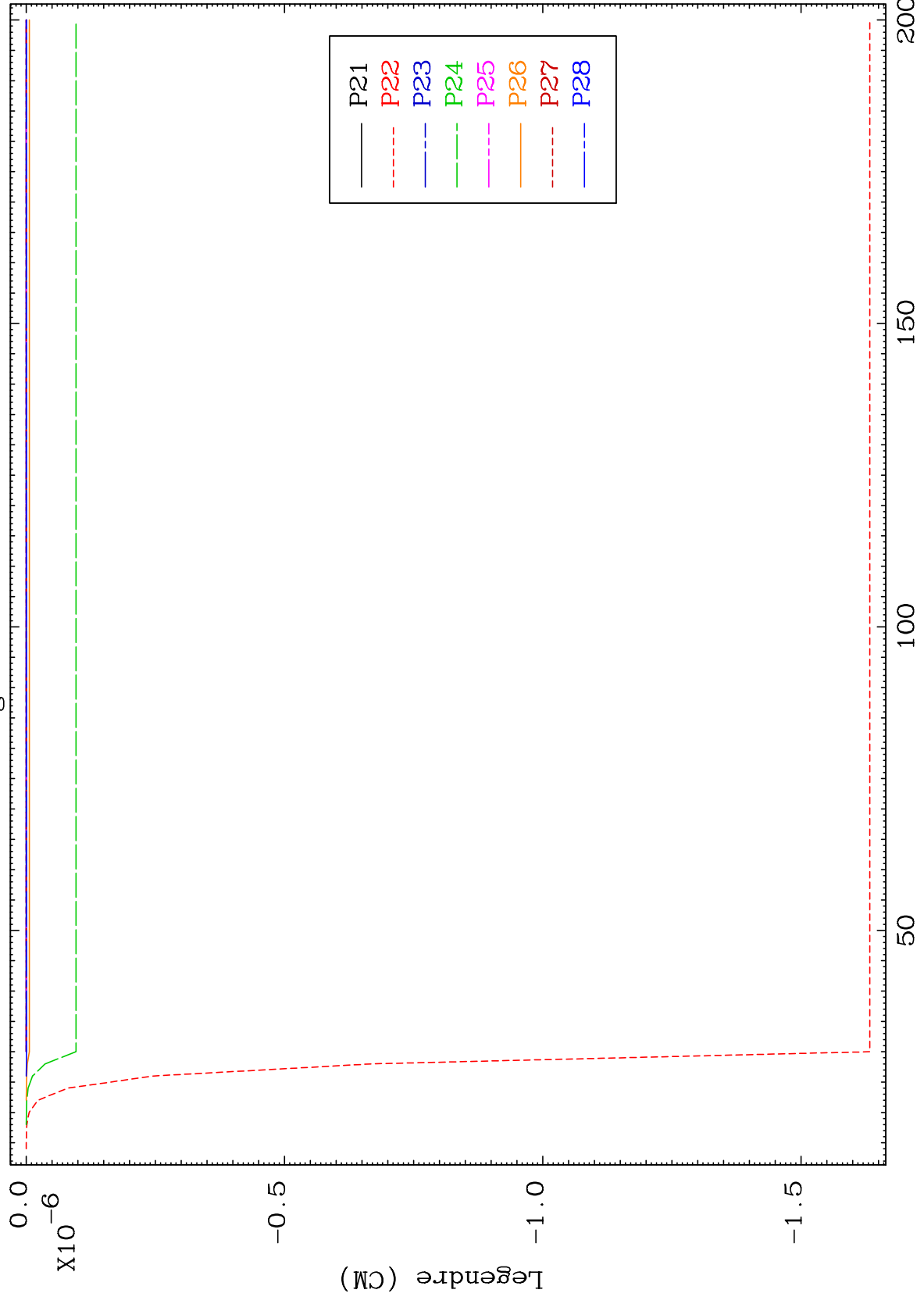
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



66-Dy-160

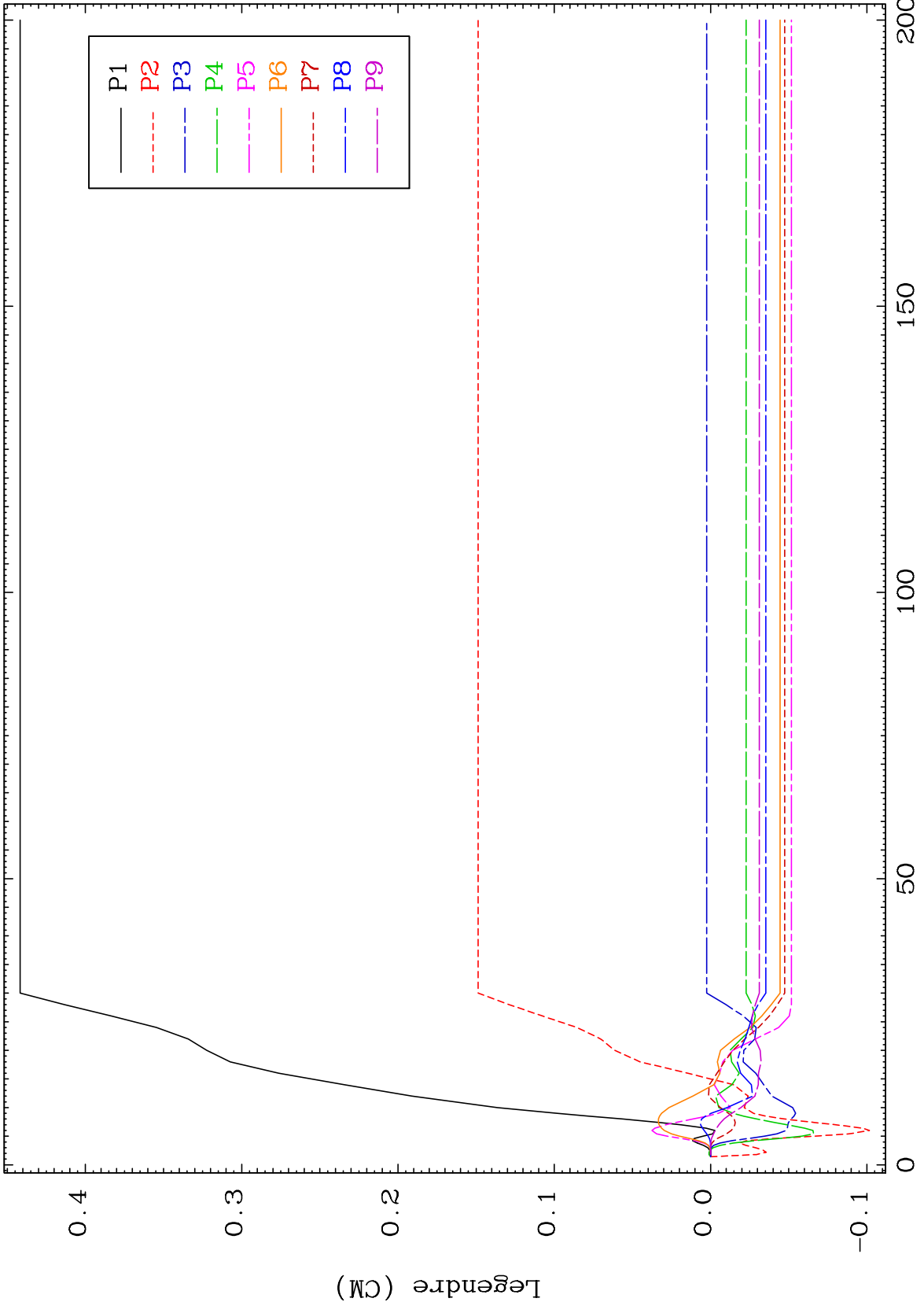
Incident Energy (MeV)

79

MAT 6637

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

66-Dy-160



66-Dy-160

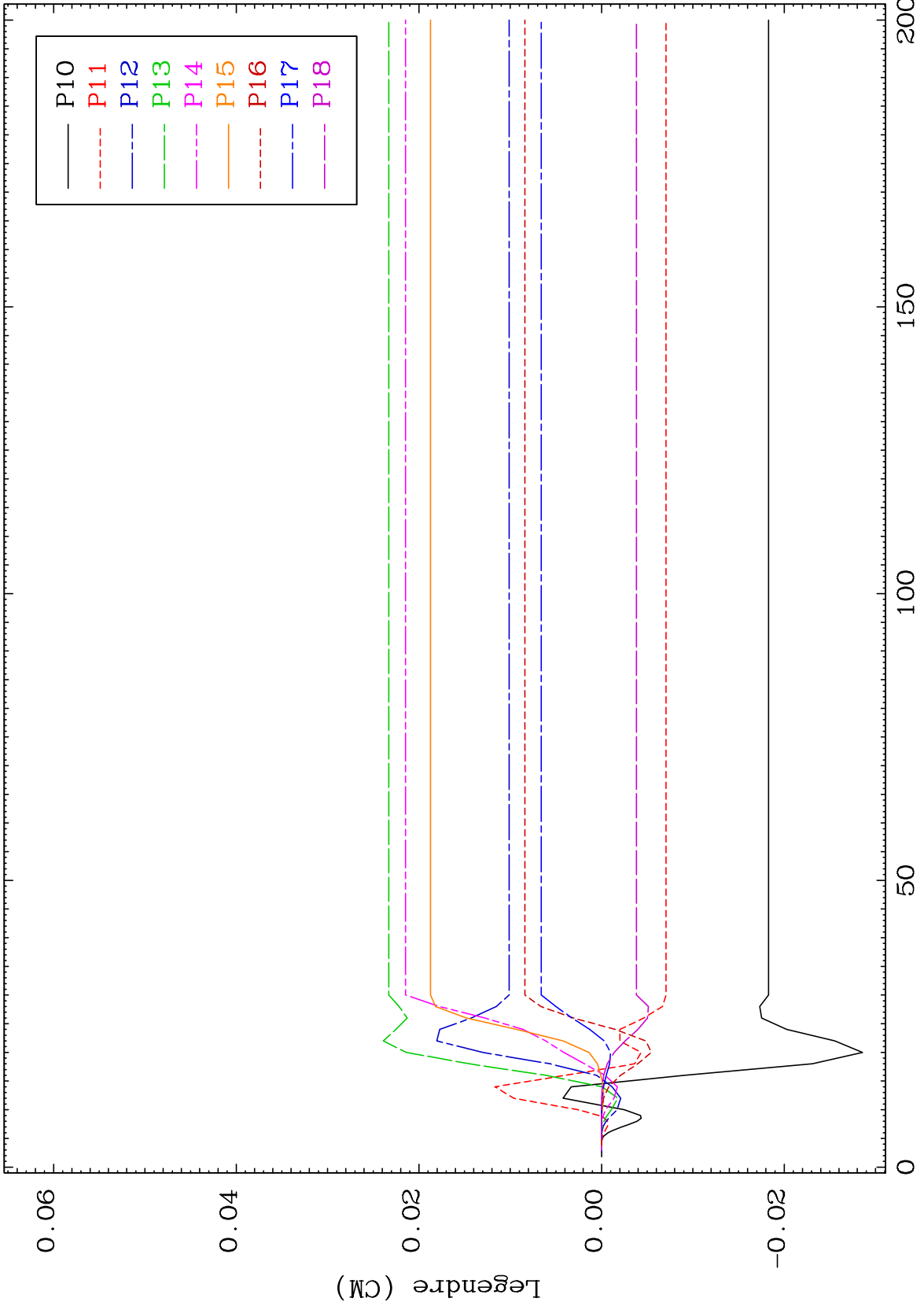
Incident Energy (MeV)

80

MAT 6637

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

66-Dy-160



81

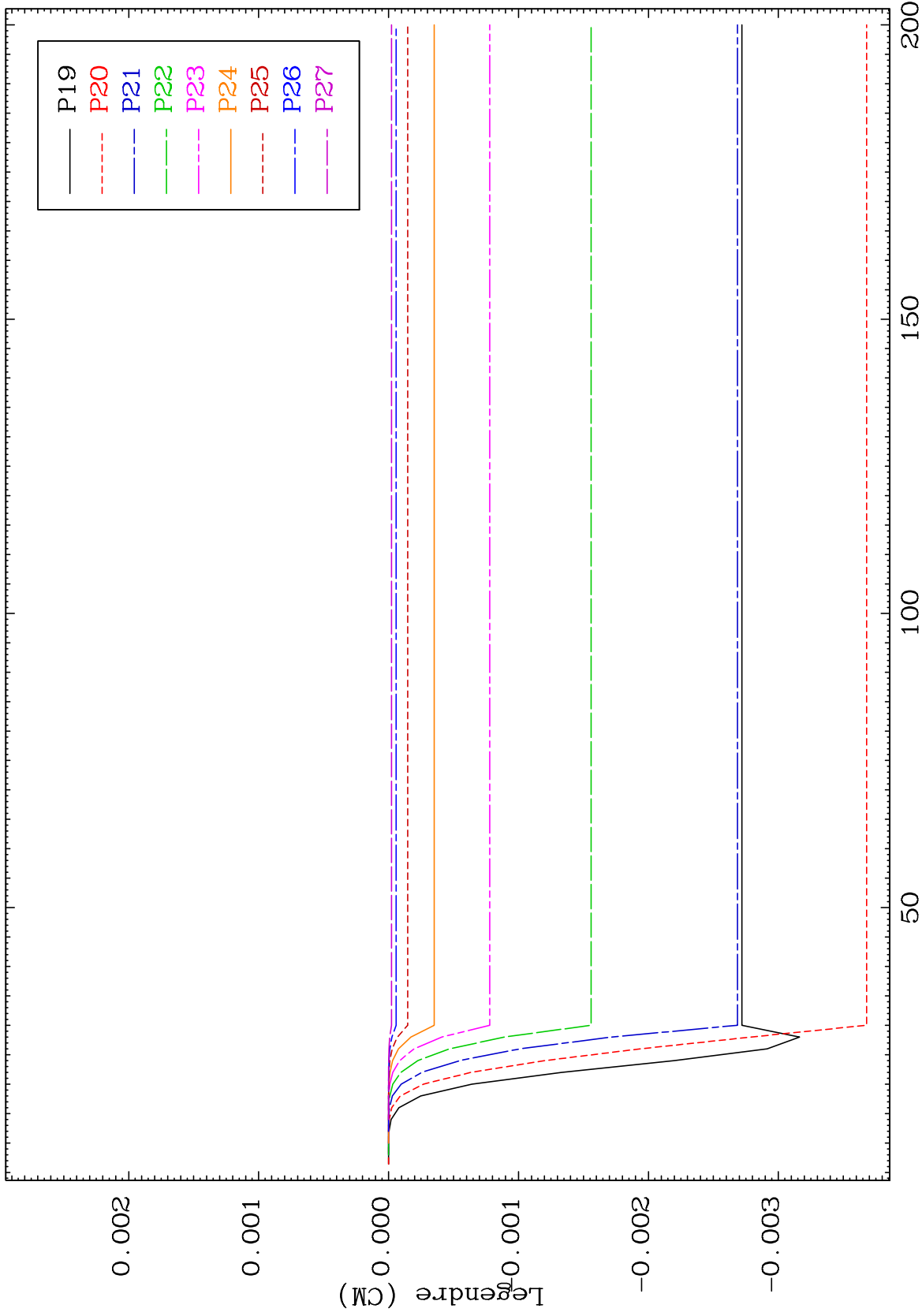
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



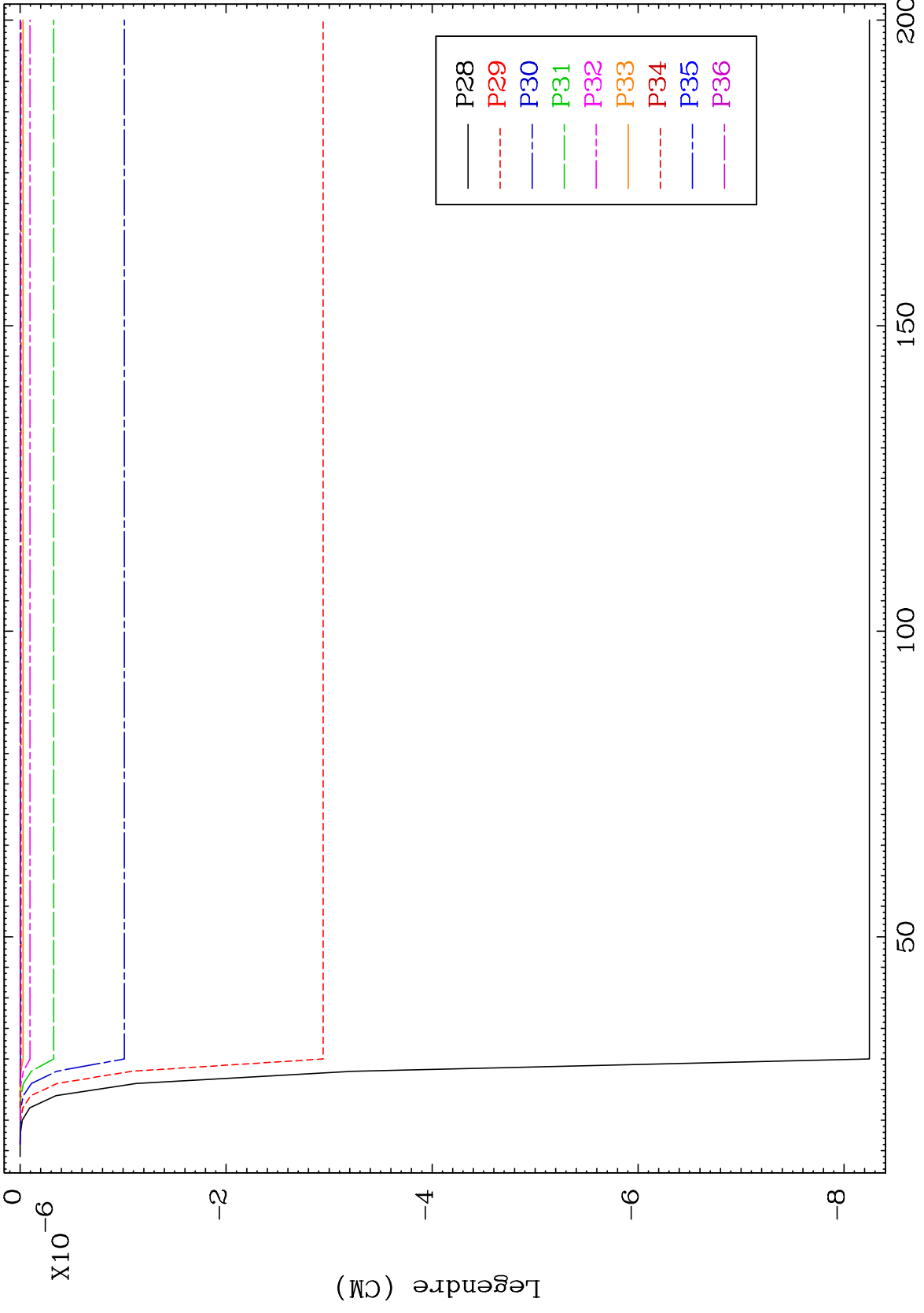
82

Incident Energy (MeV)

66-Dy-160

MAT 6637 MT= 68 (n,n') Level 66-Dy-160

Legendre Coefficients

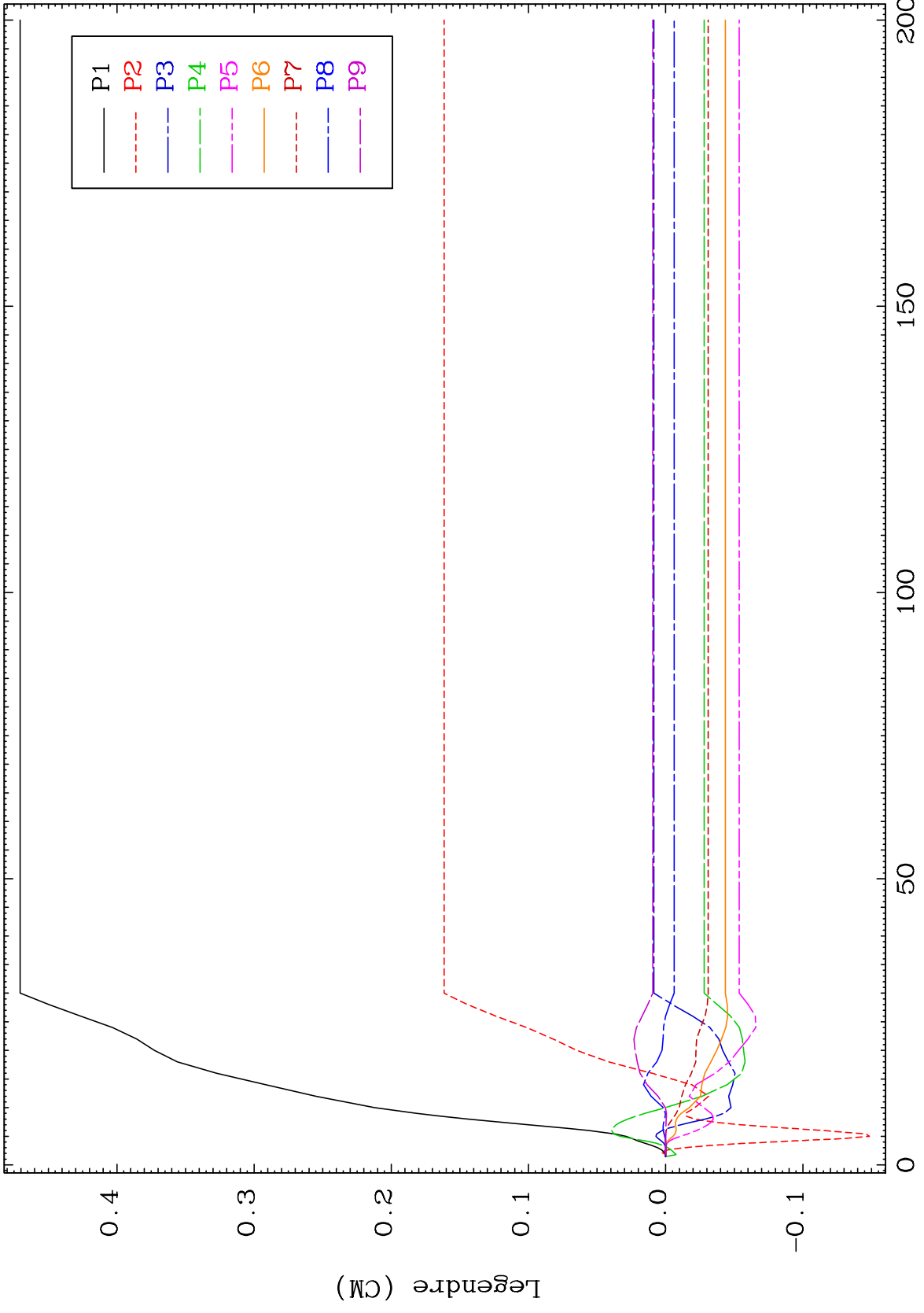


83 66-Dy-160

MAT 6637

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

66-Dy-160



84

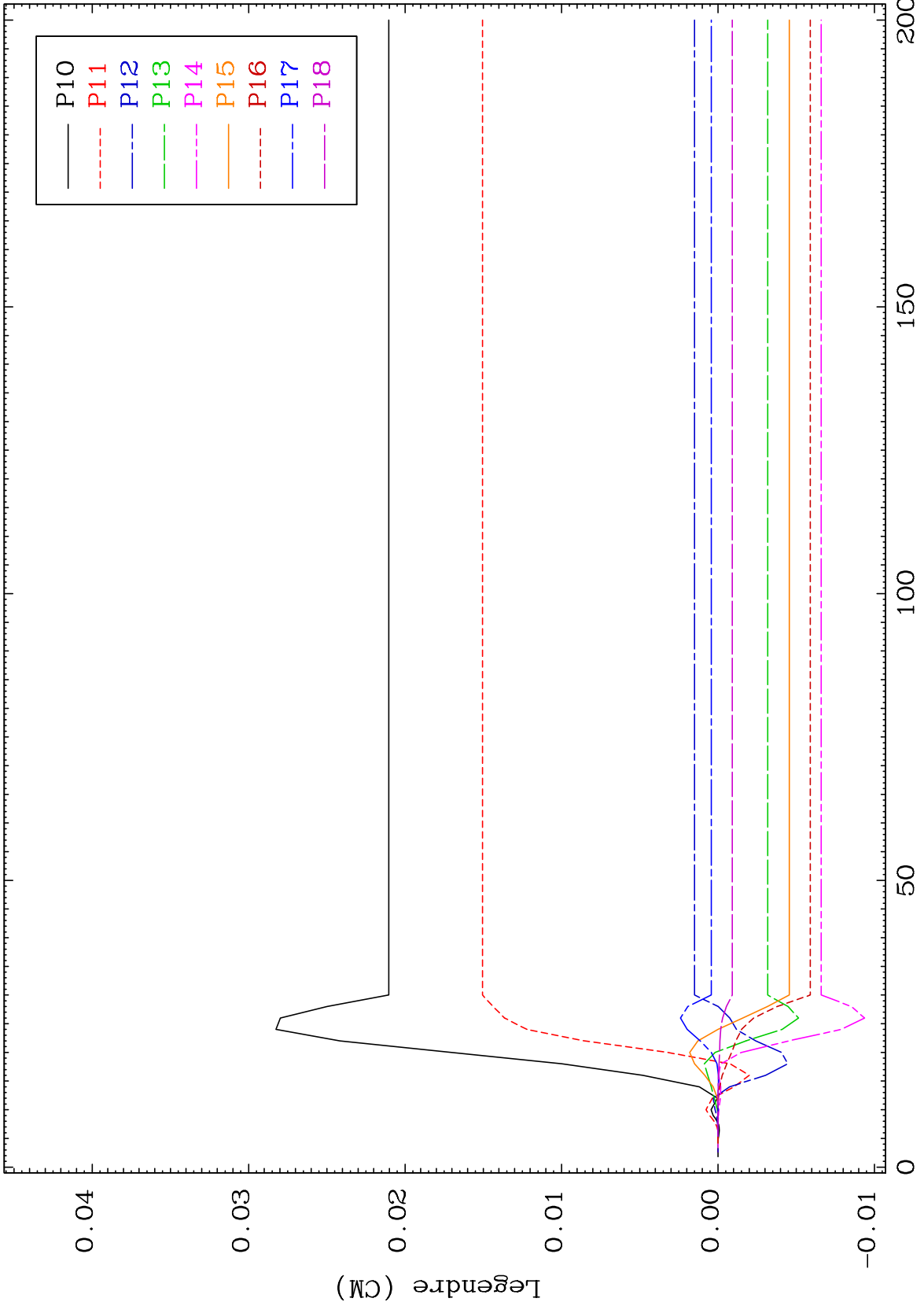
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



85

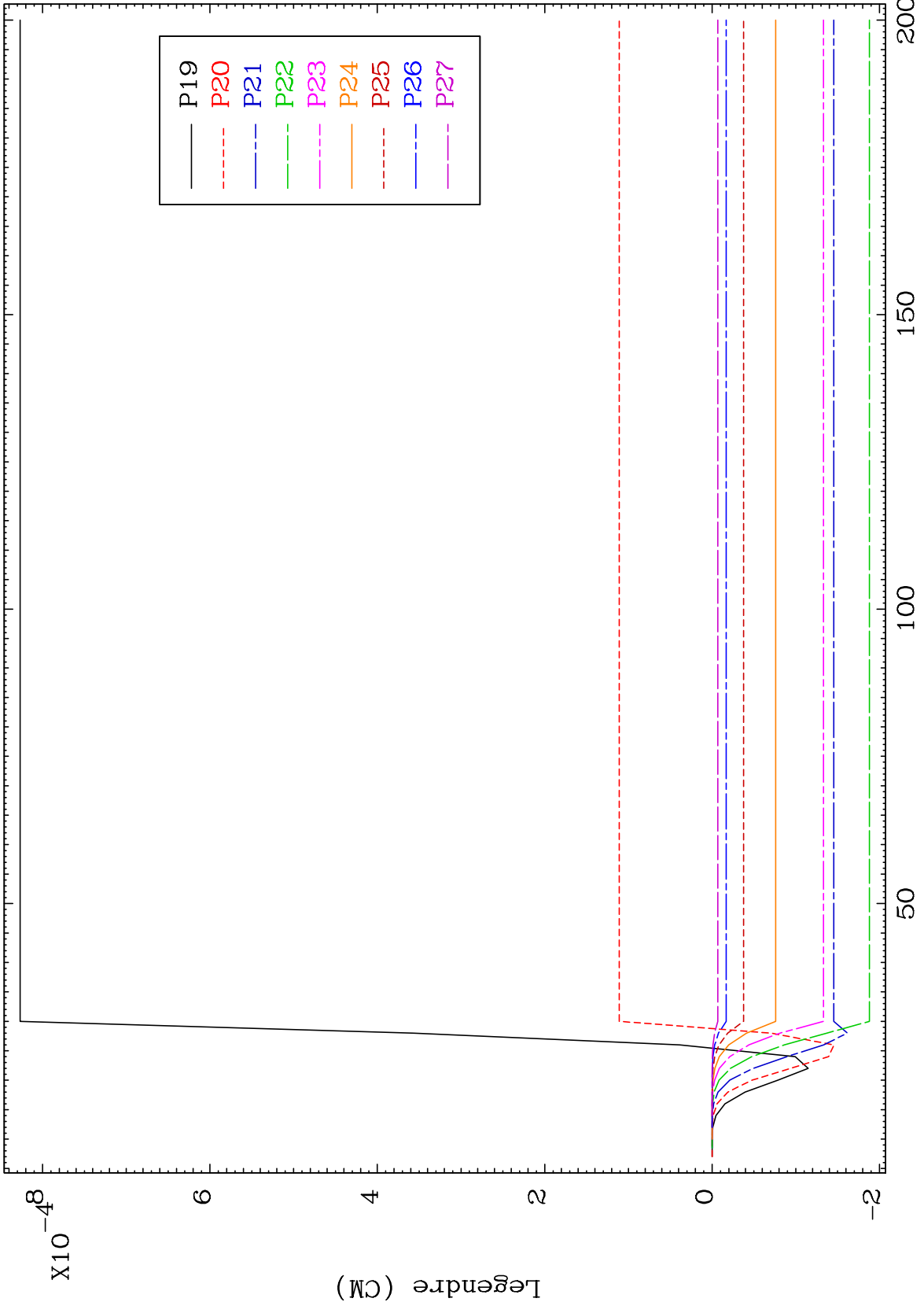
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



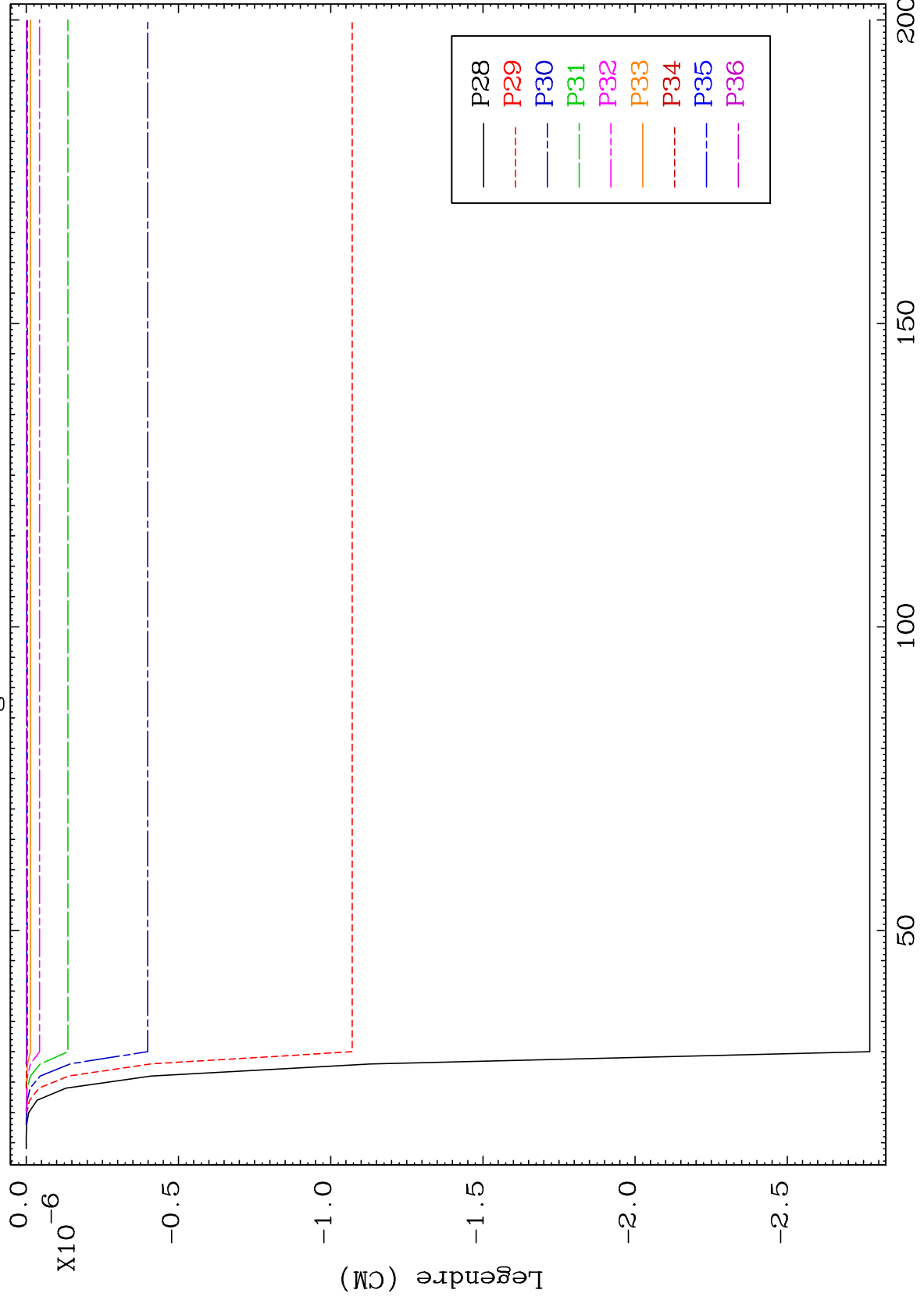
86

66-Dy-160

MAT 6637

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

66-Dy-160



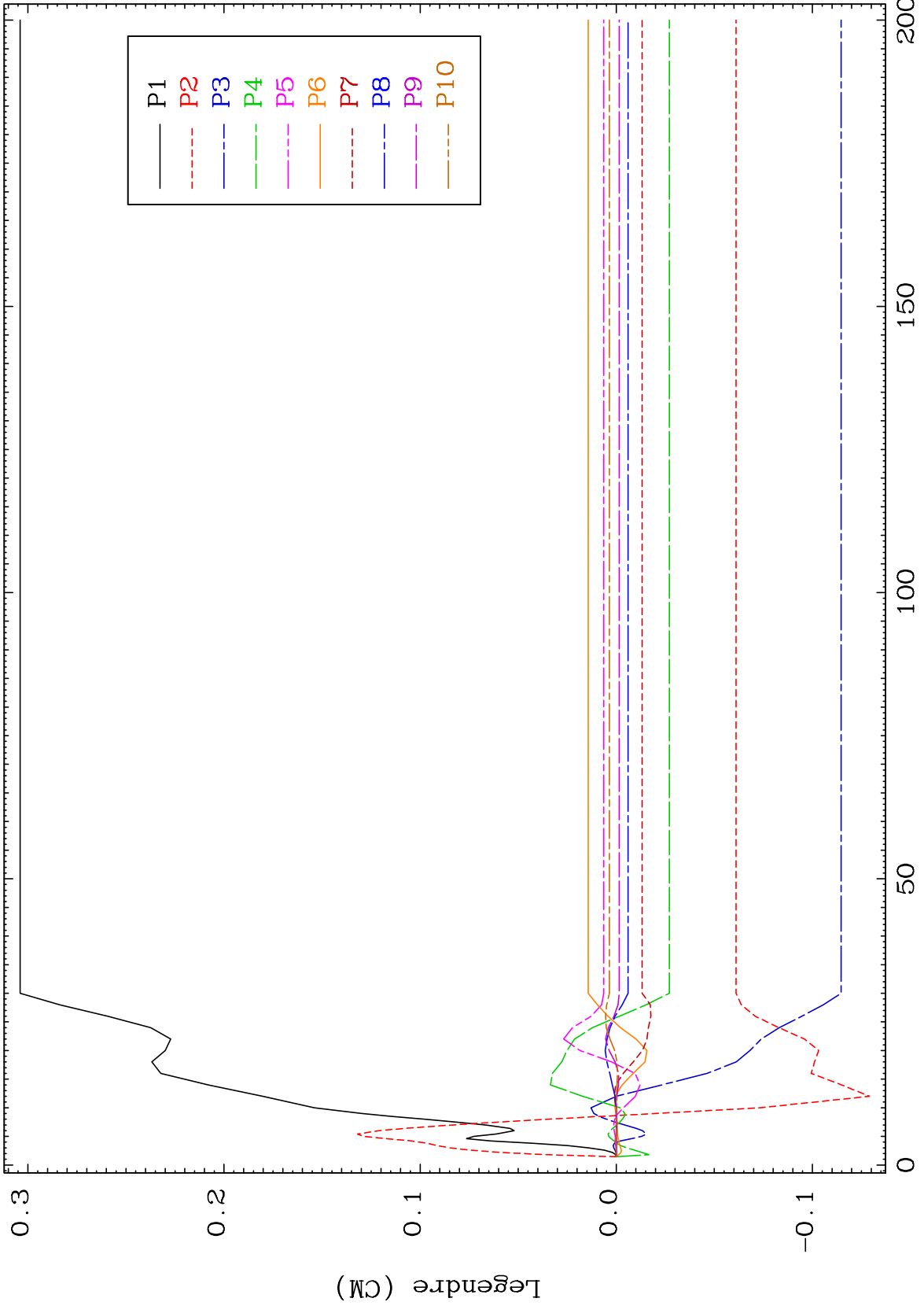
87

66-Dy-160

MAT 6637

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

66-Dy-160



88

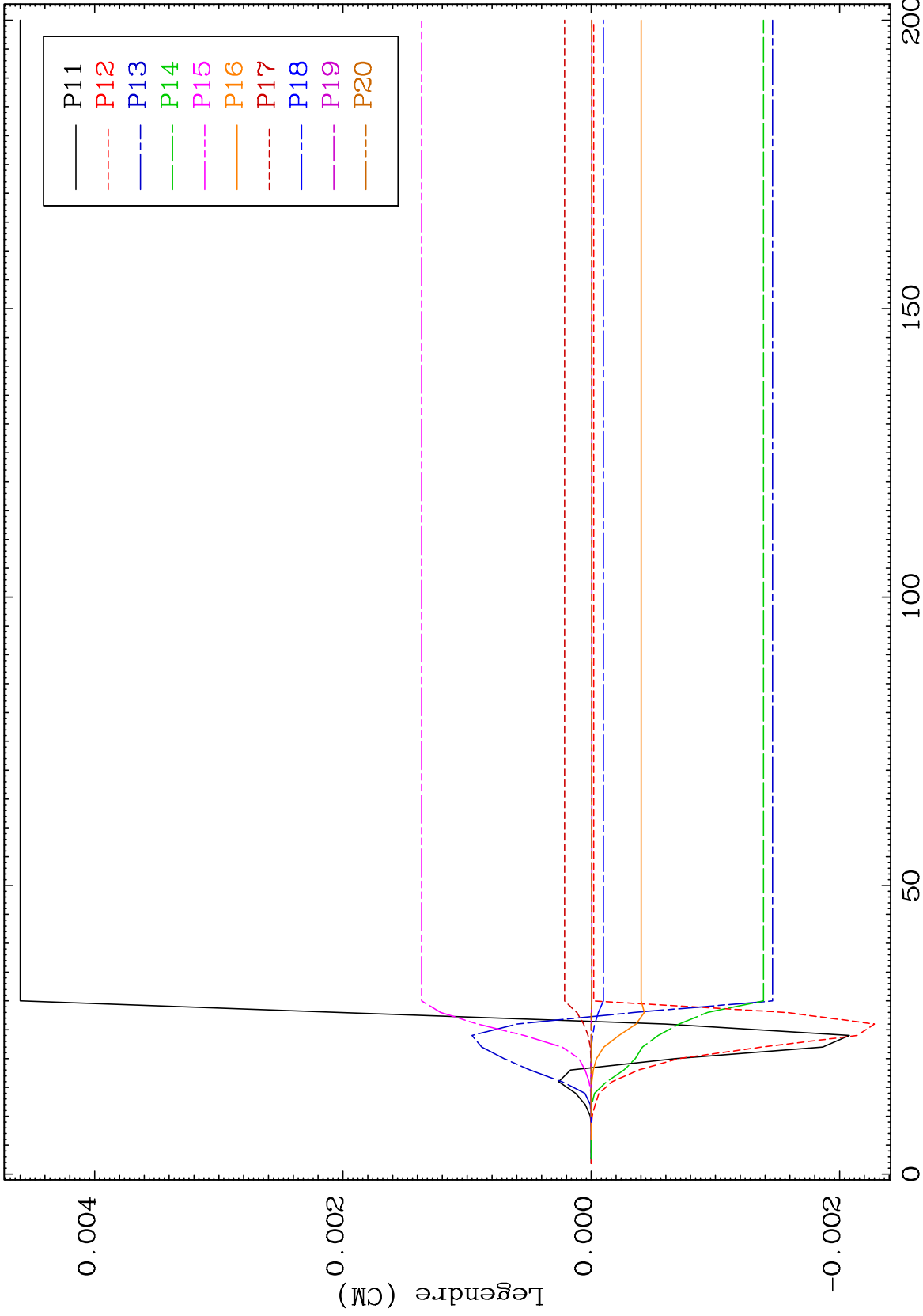
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



89

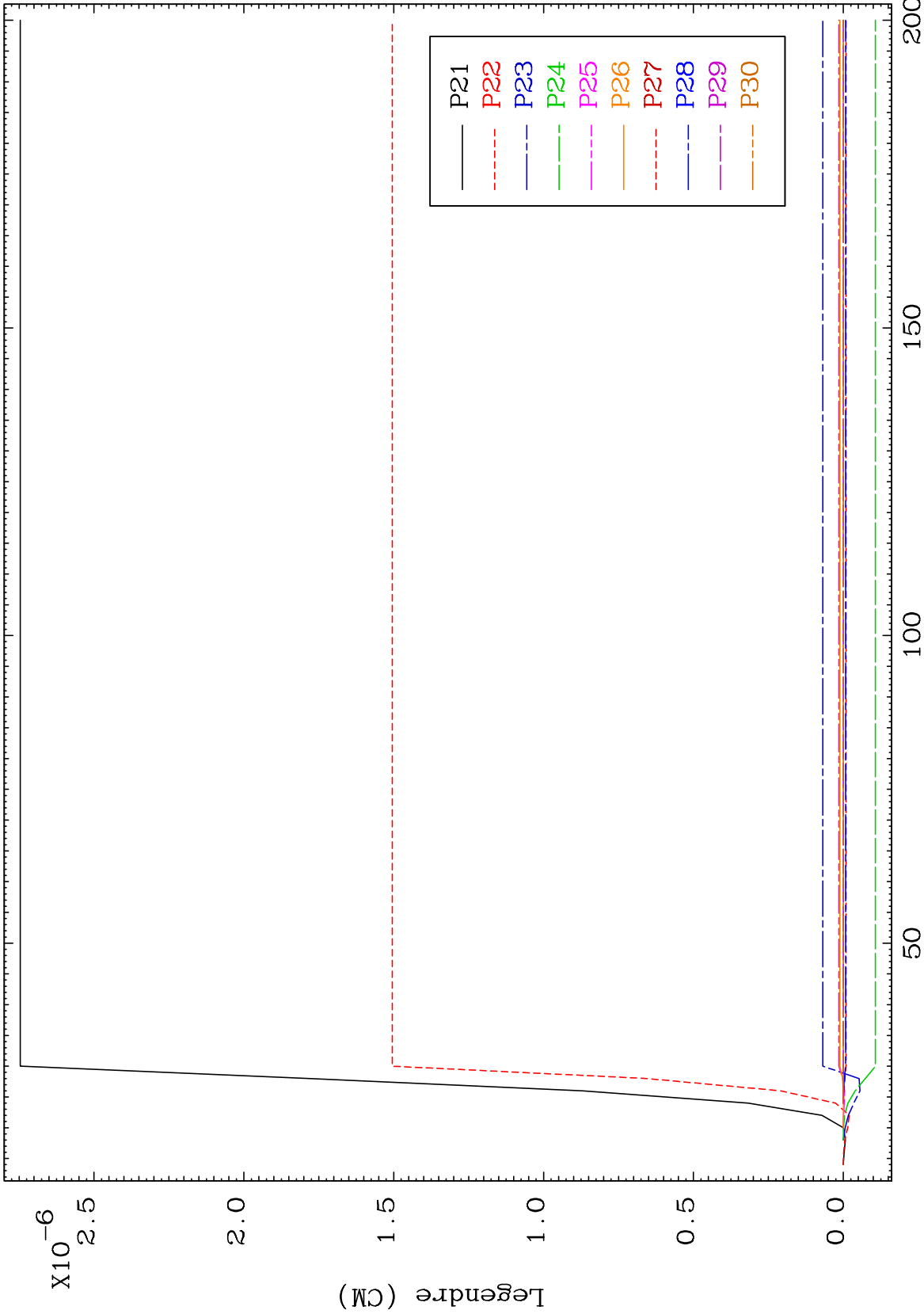
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



90

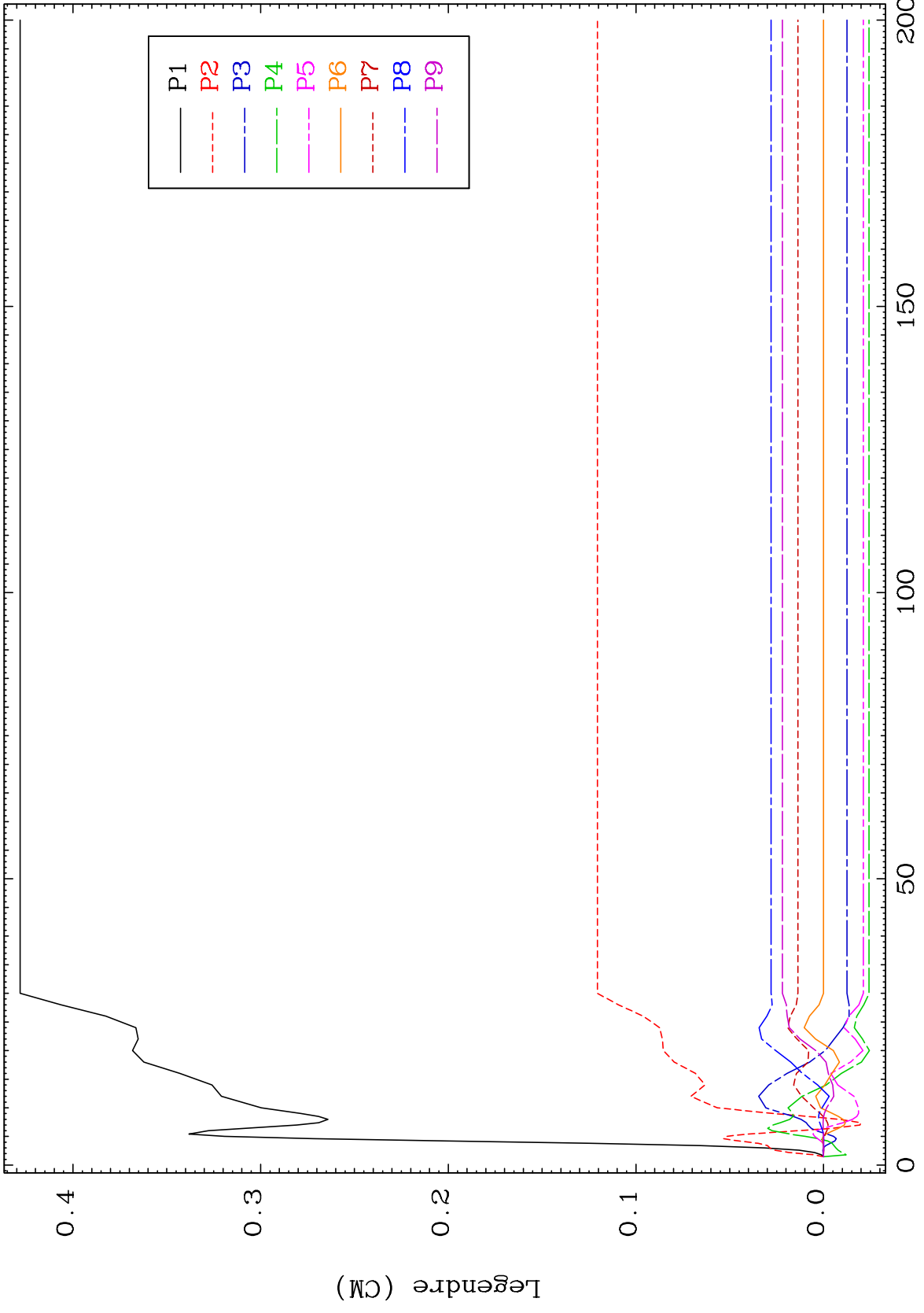
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



91

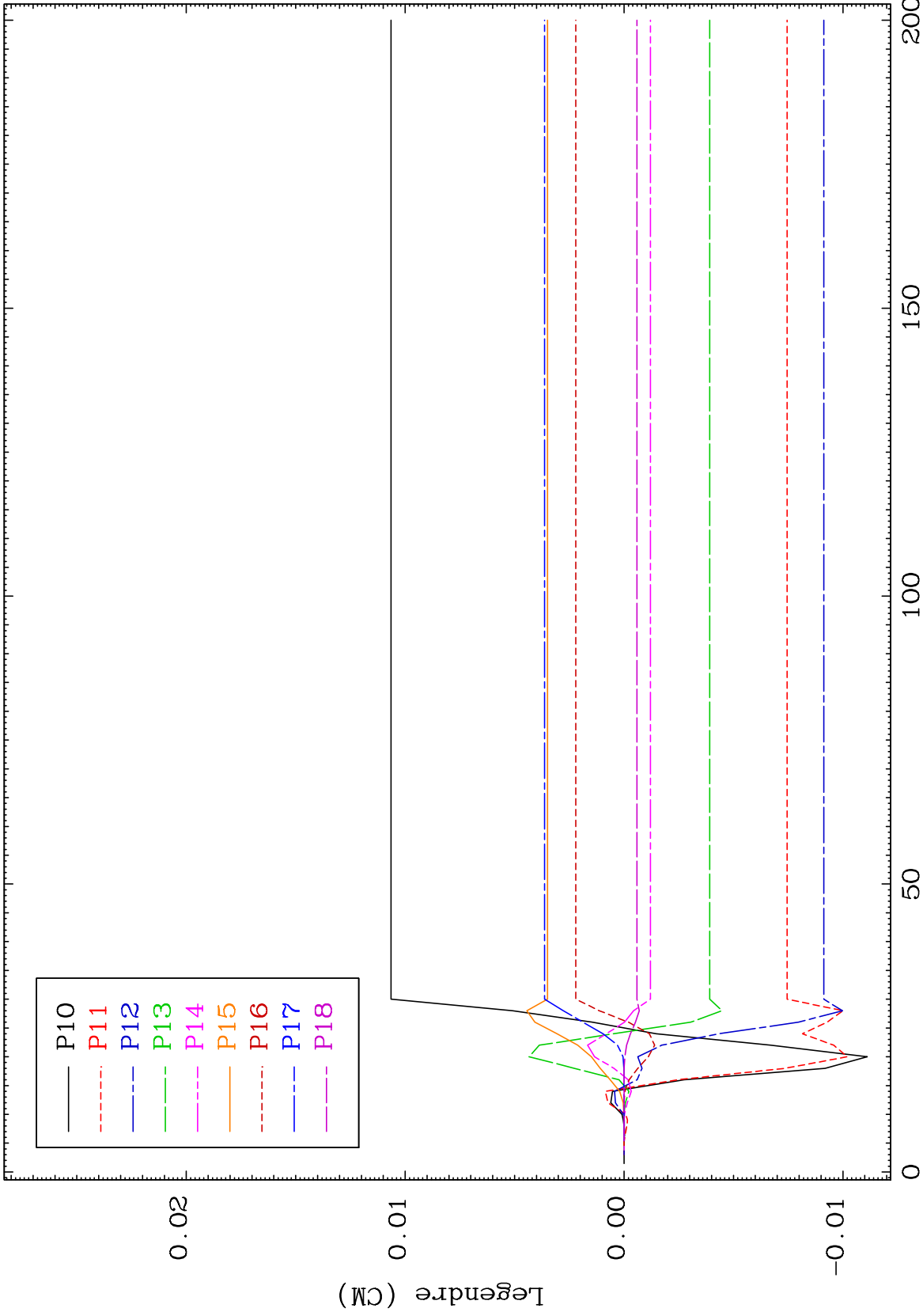
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



92

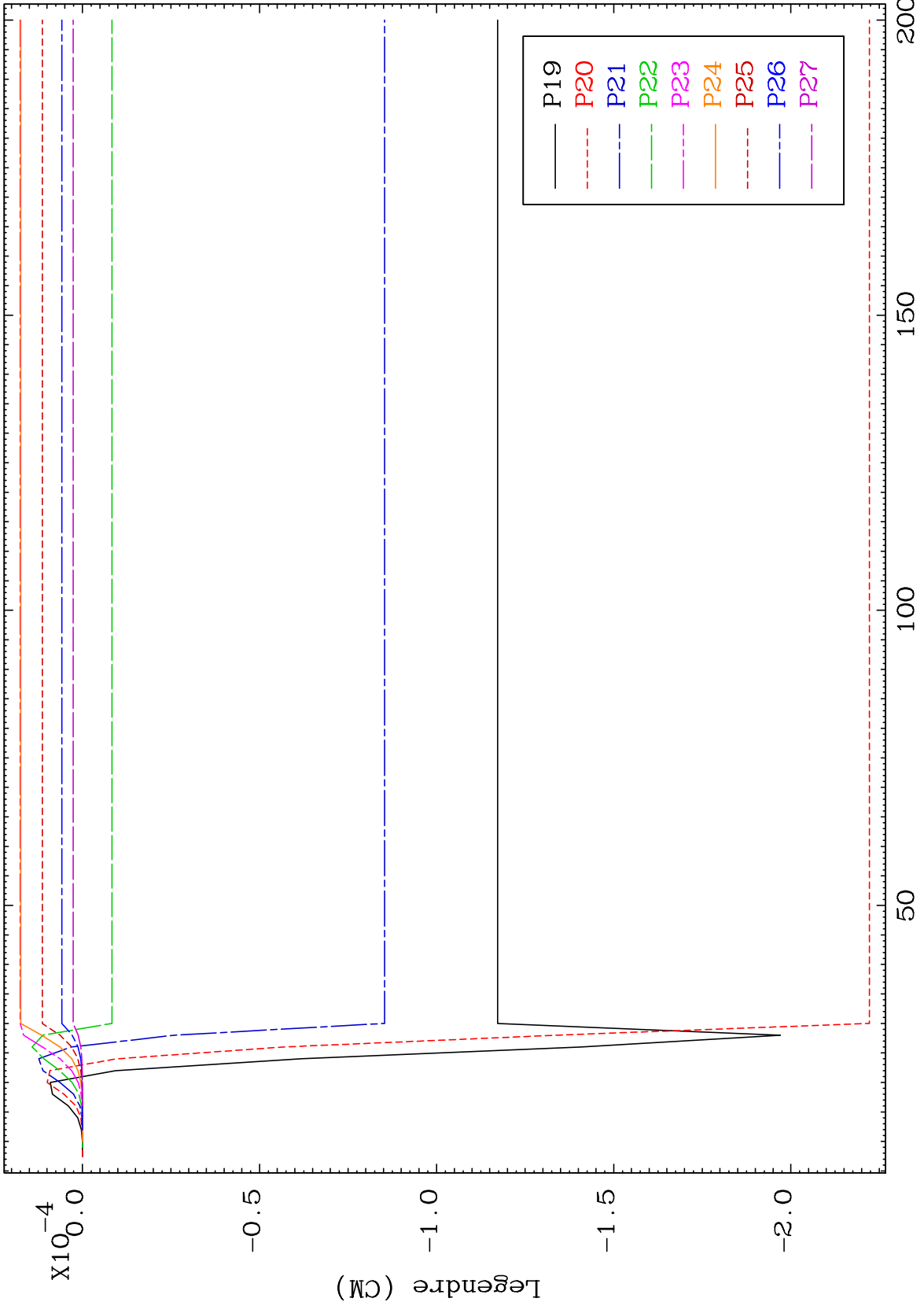
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



66-Dy-160

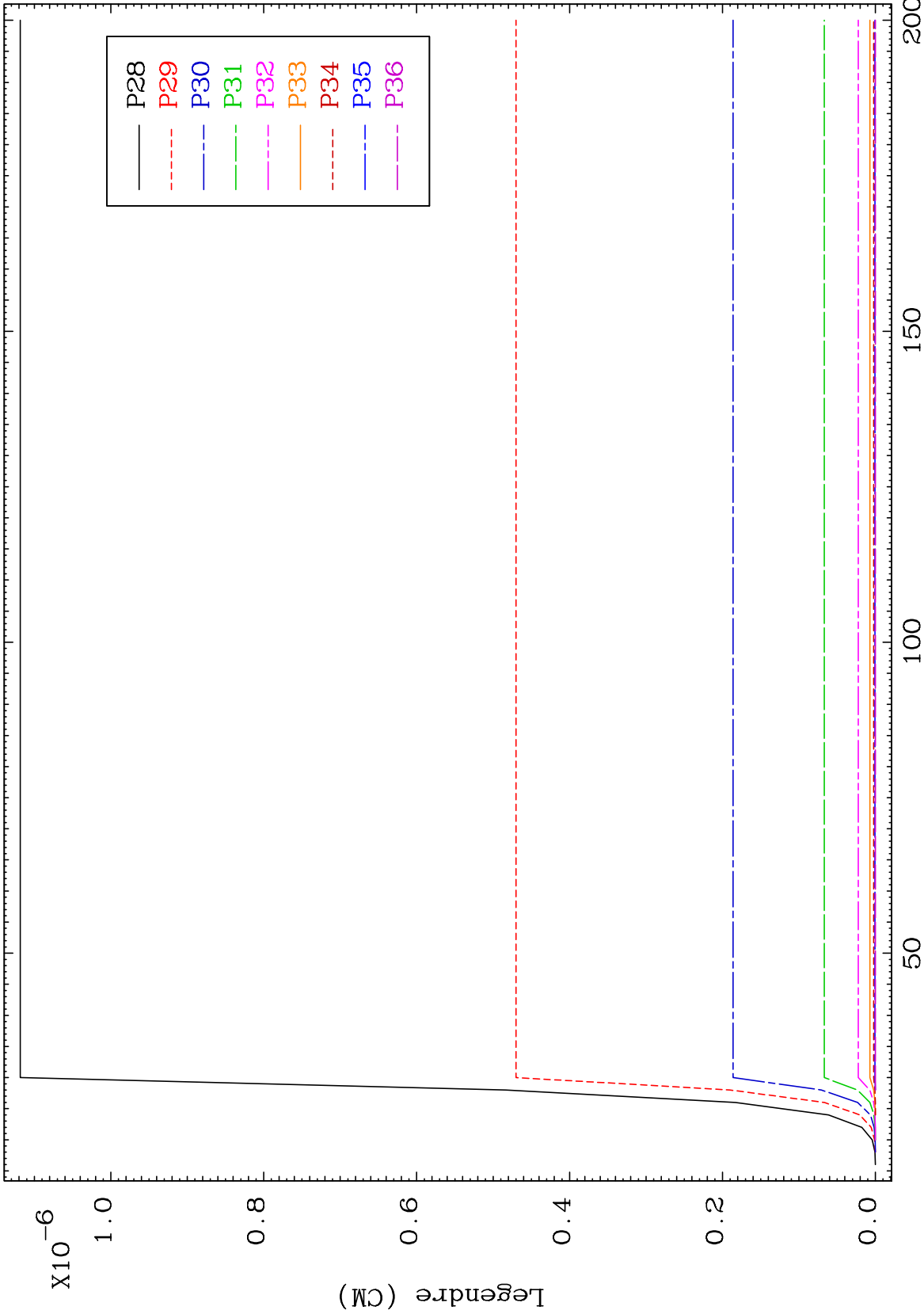
Incident Energy (MeV)

93

MAT 6637

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

66-Dy-160



94

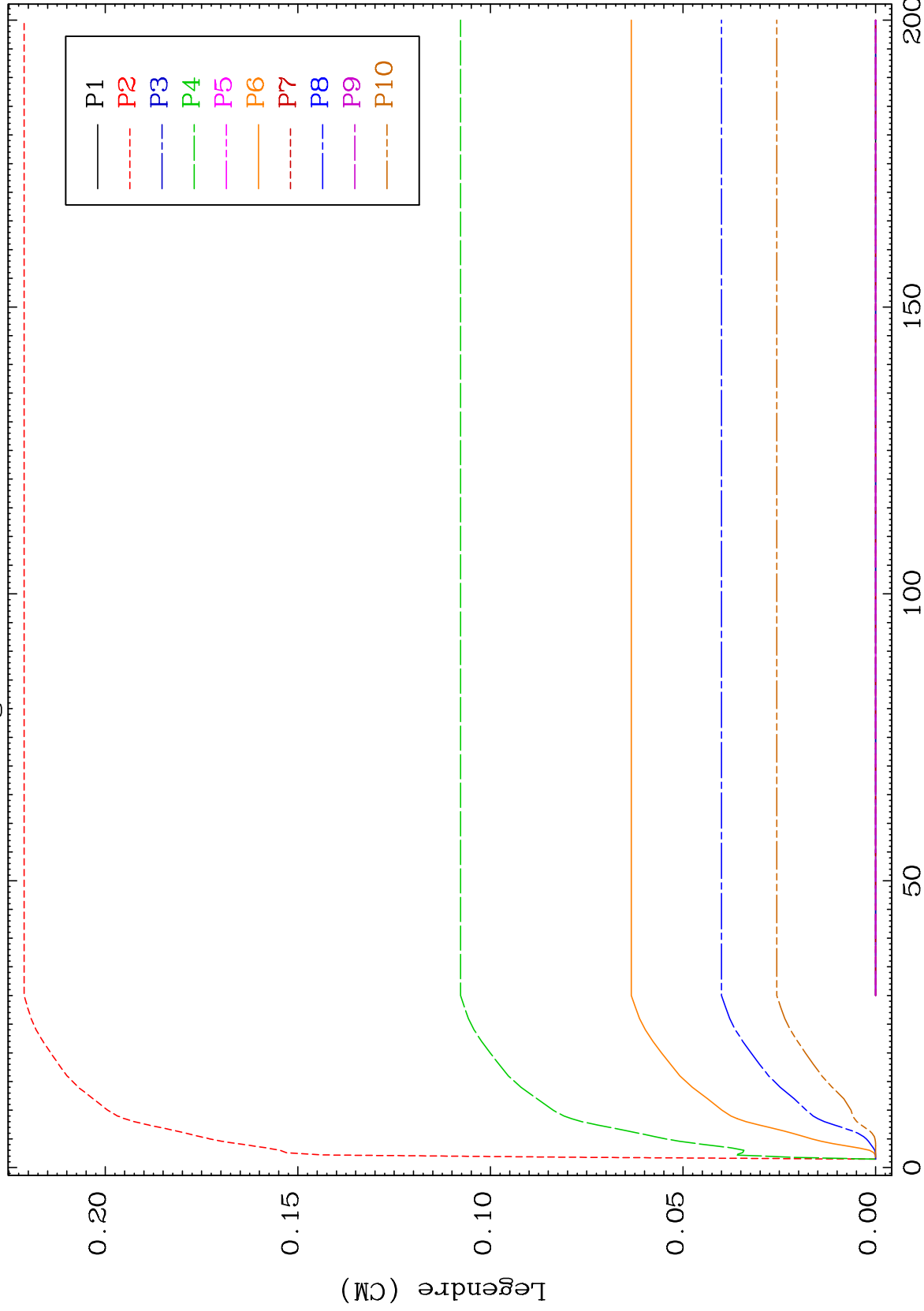
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



95

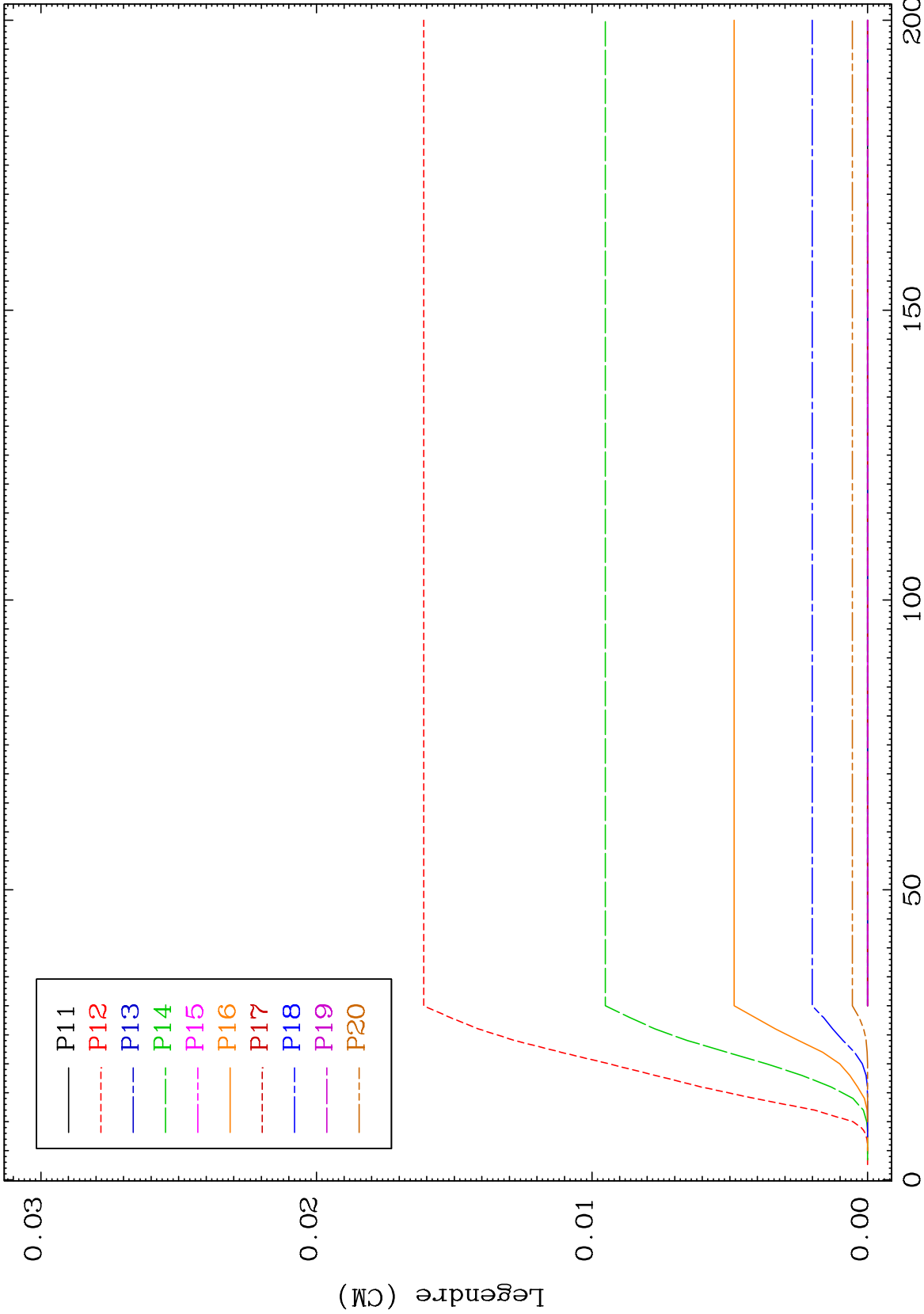
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



96

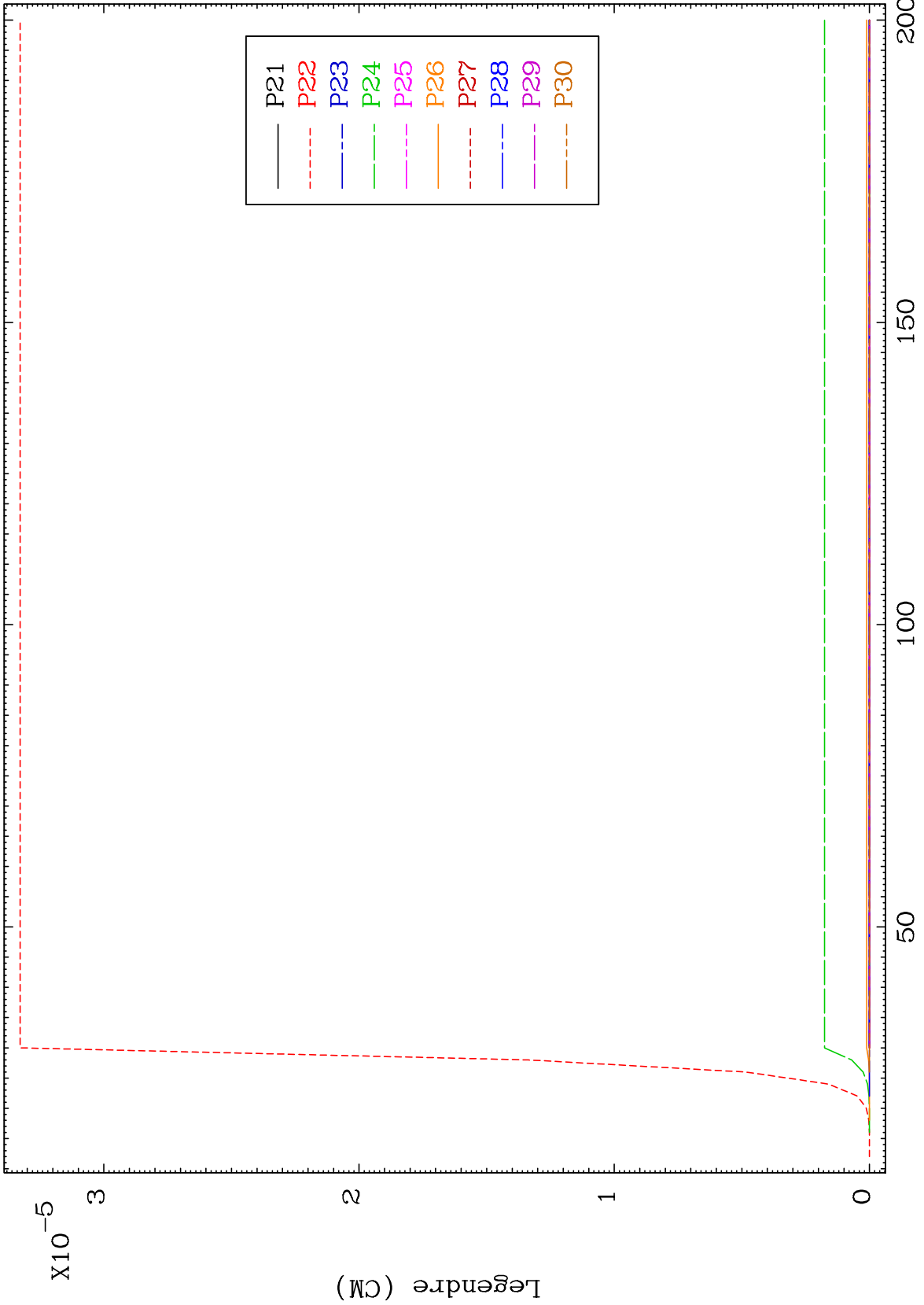
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



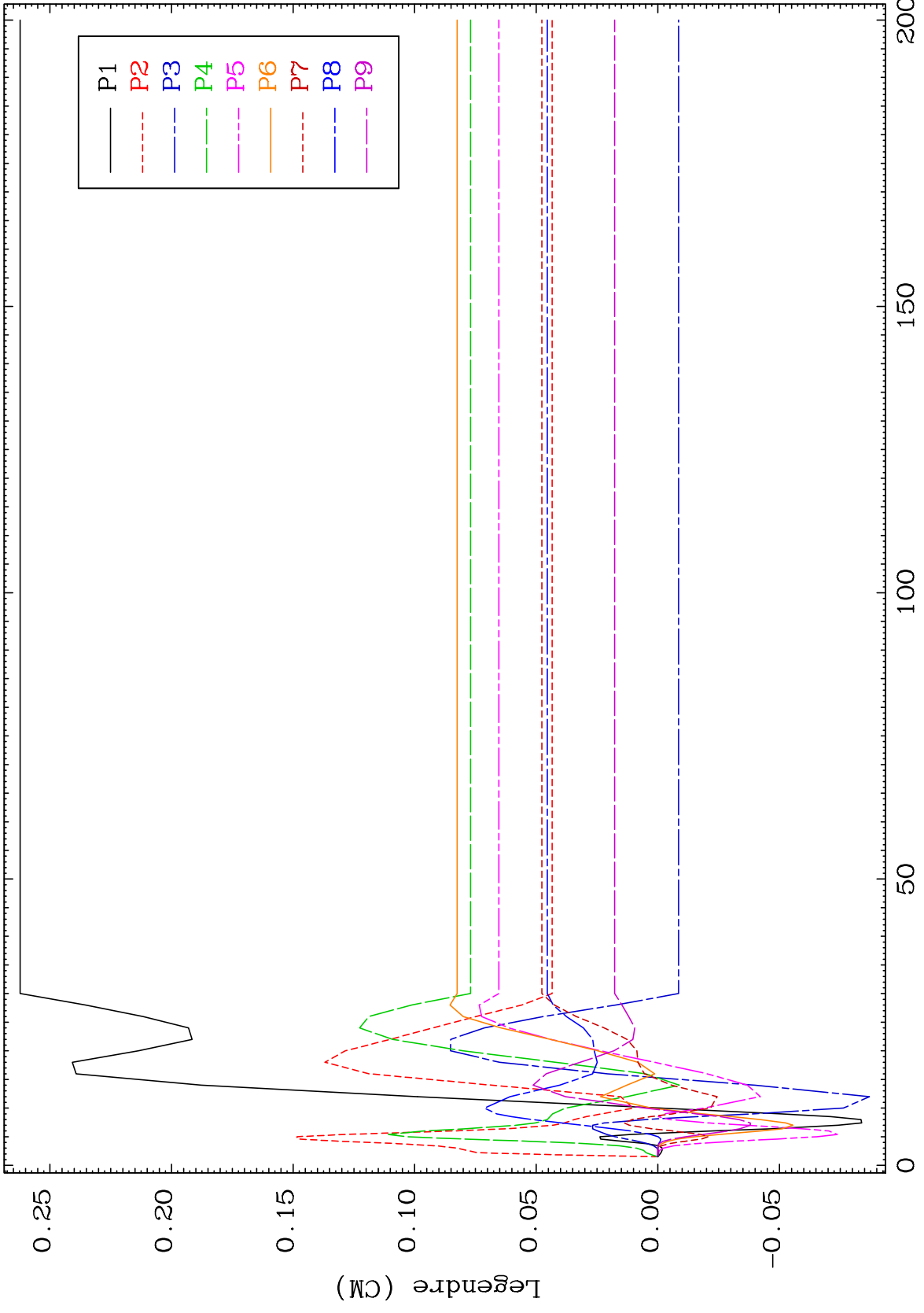
97

66-Dy-160

MAT 6637

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

66-Dy-160



98

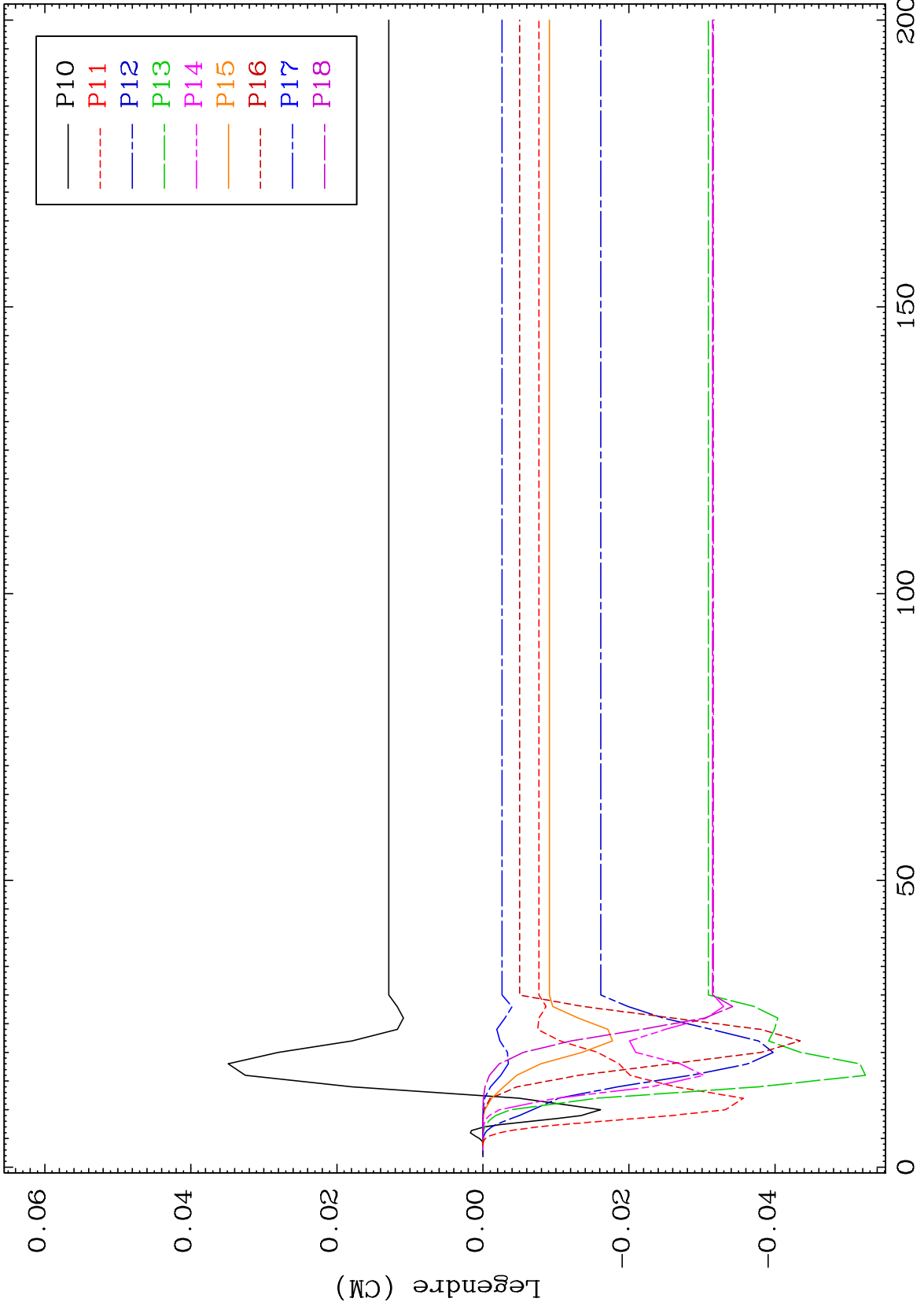
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



99

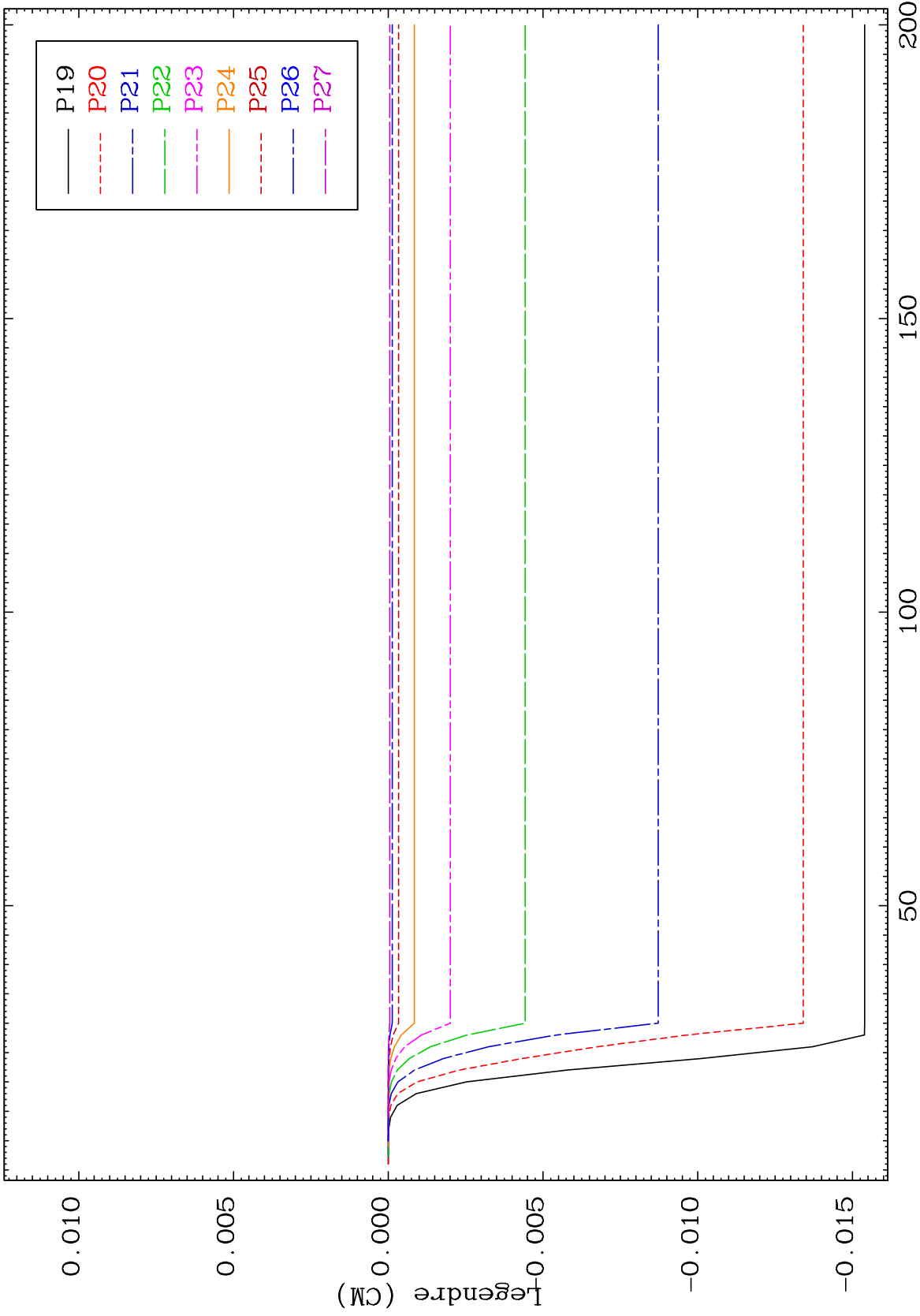
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



100

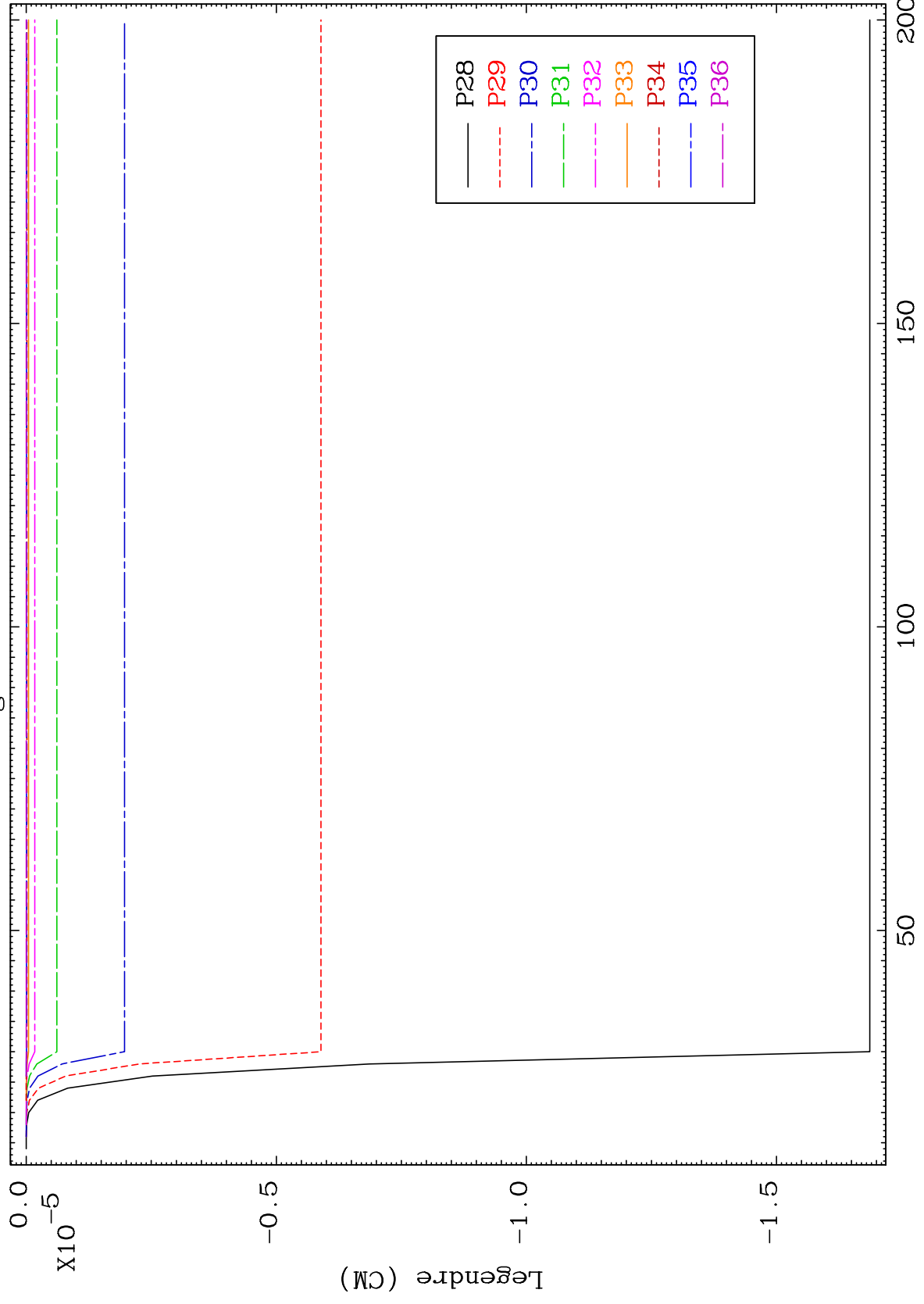
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



66-Dy-160

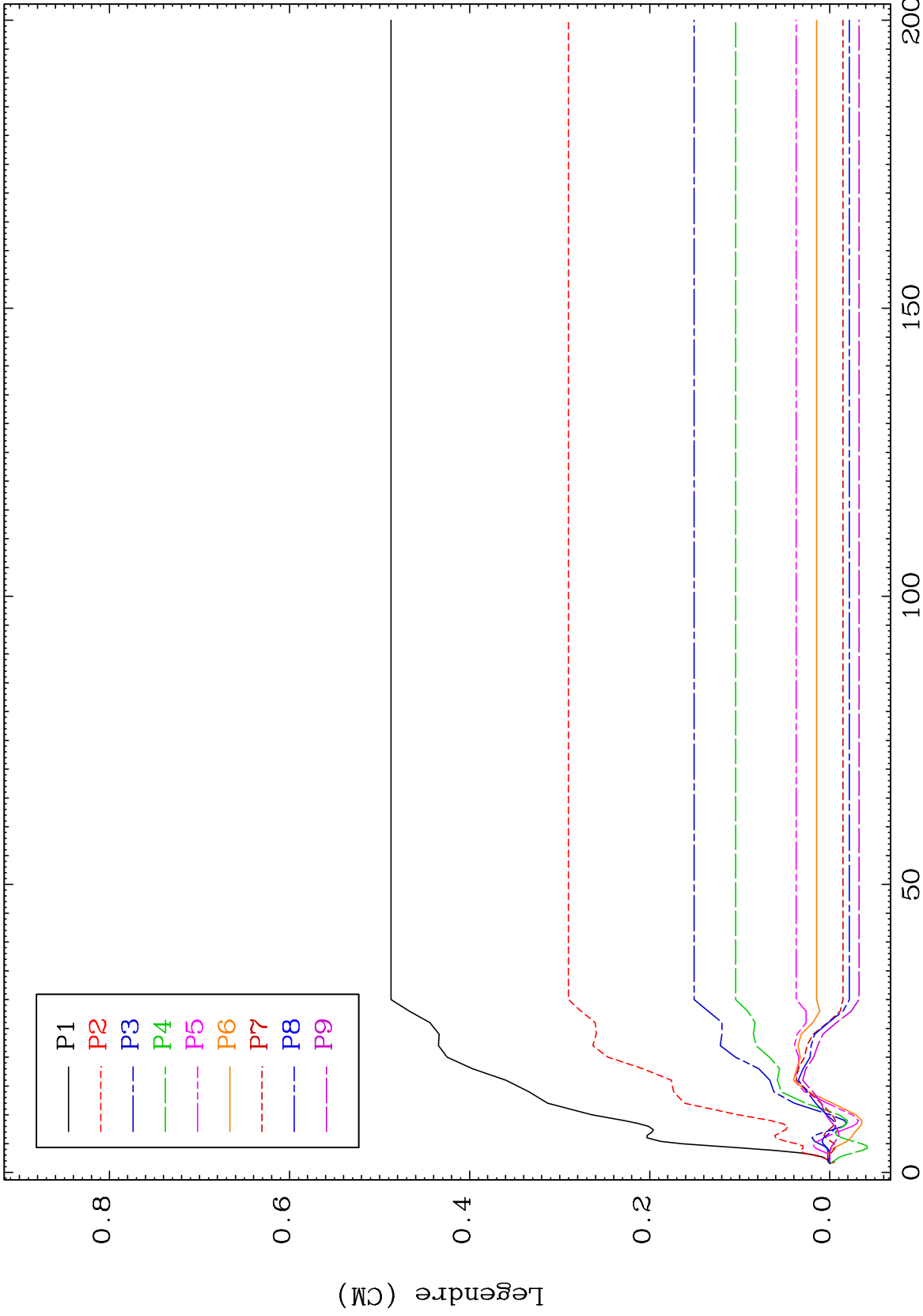
Incident Energy (MeV)

101

MAT 6637

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

66-Dy-160



102

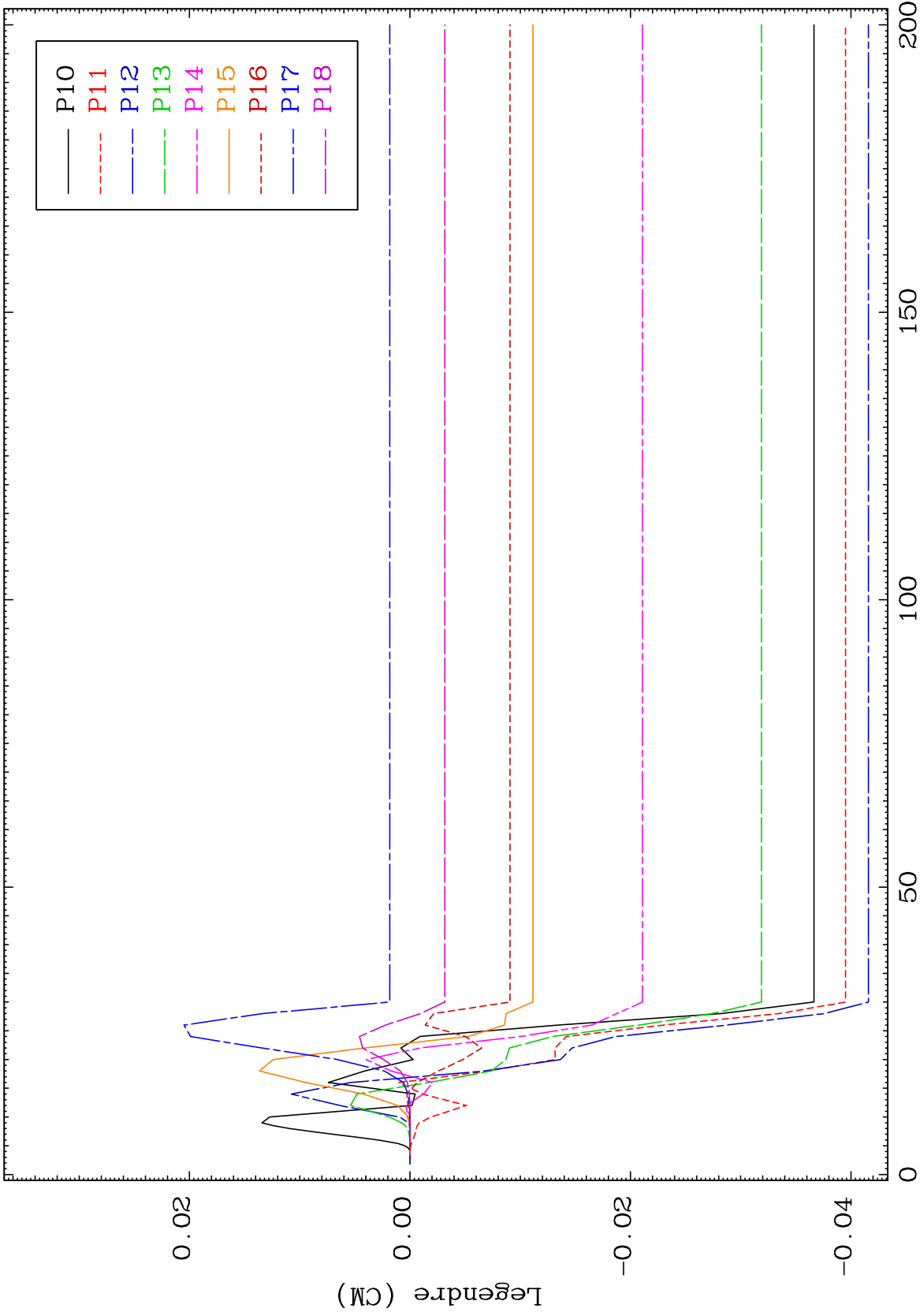
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



103

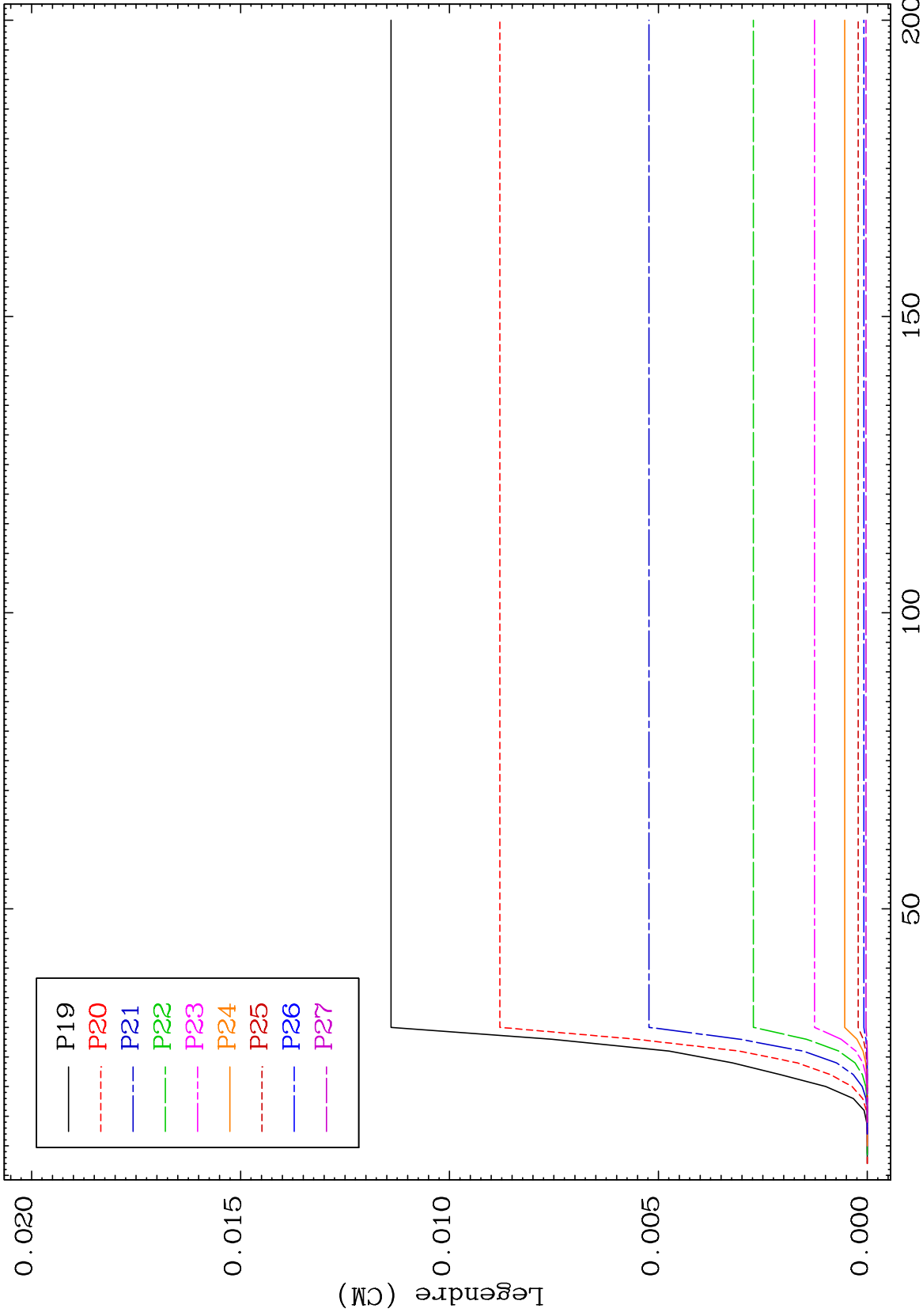
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



104

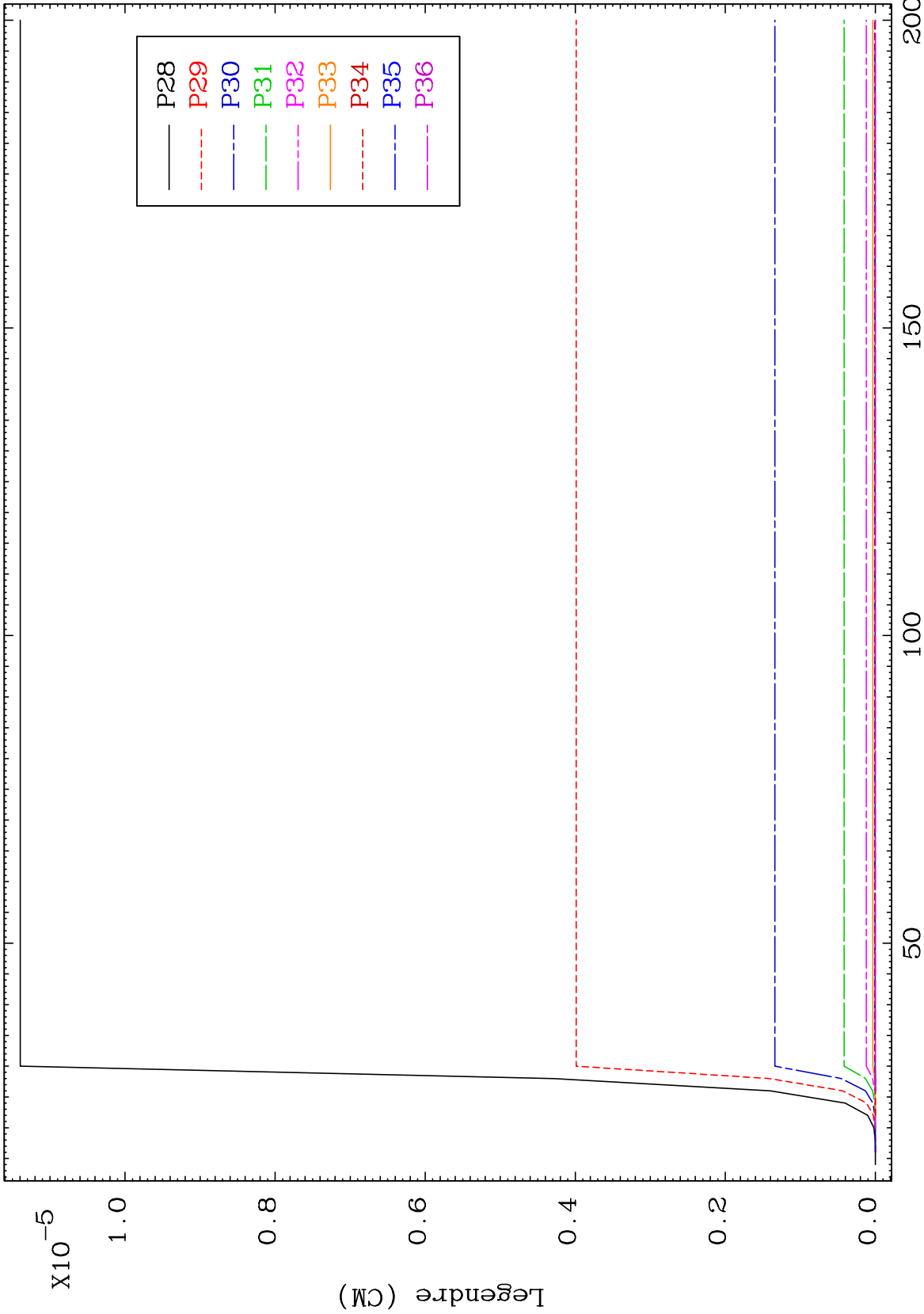
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



105

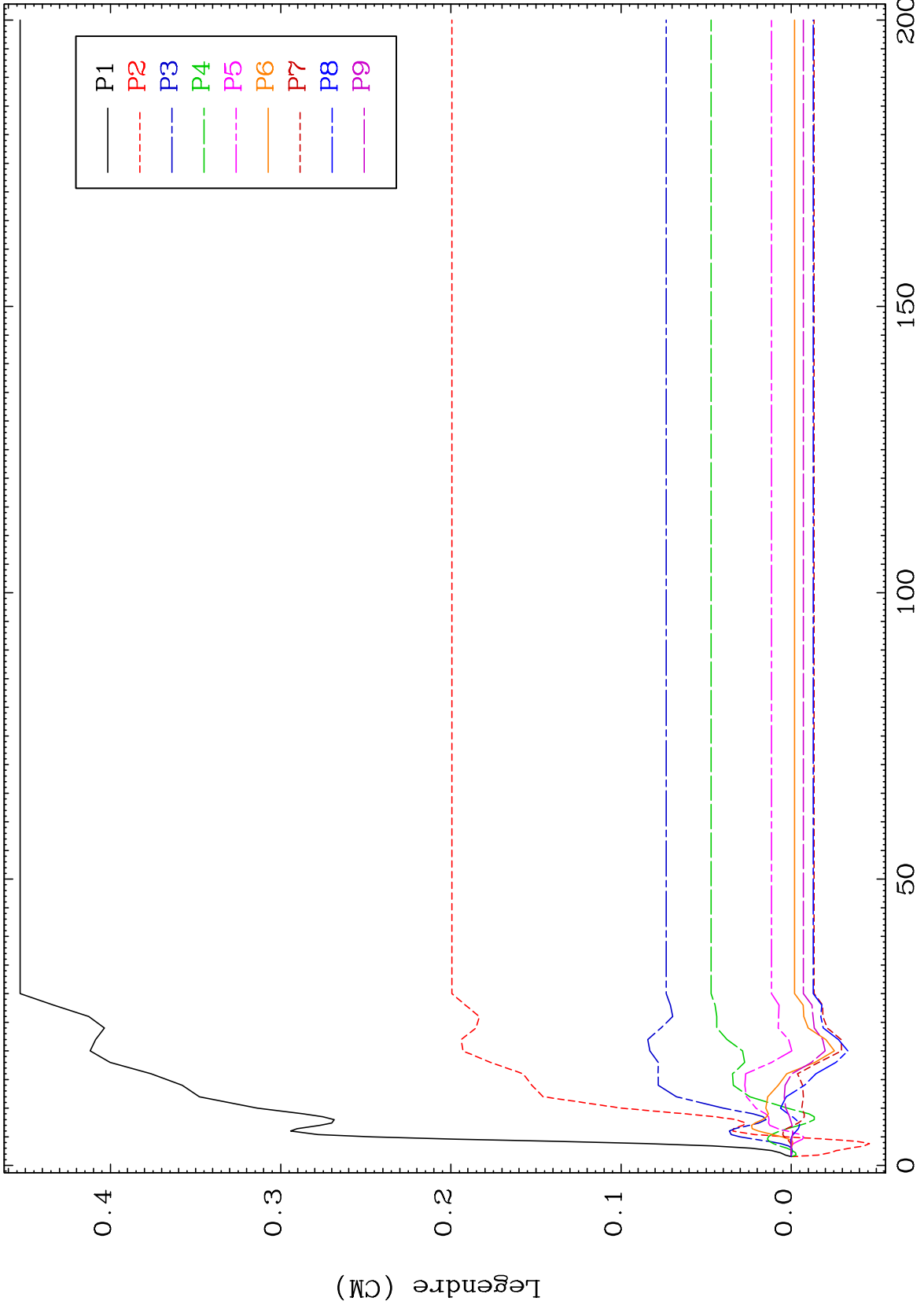
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



106

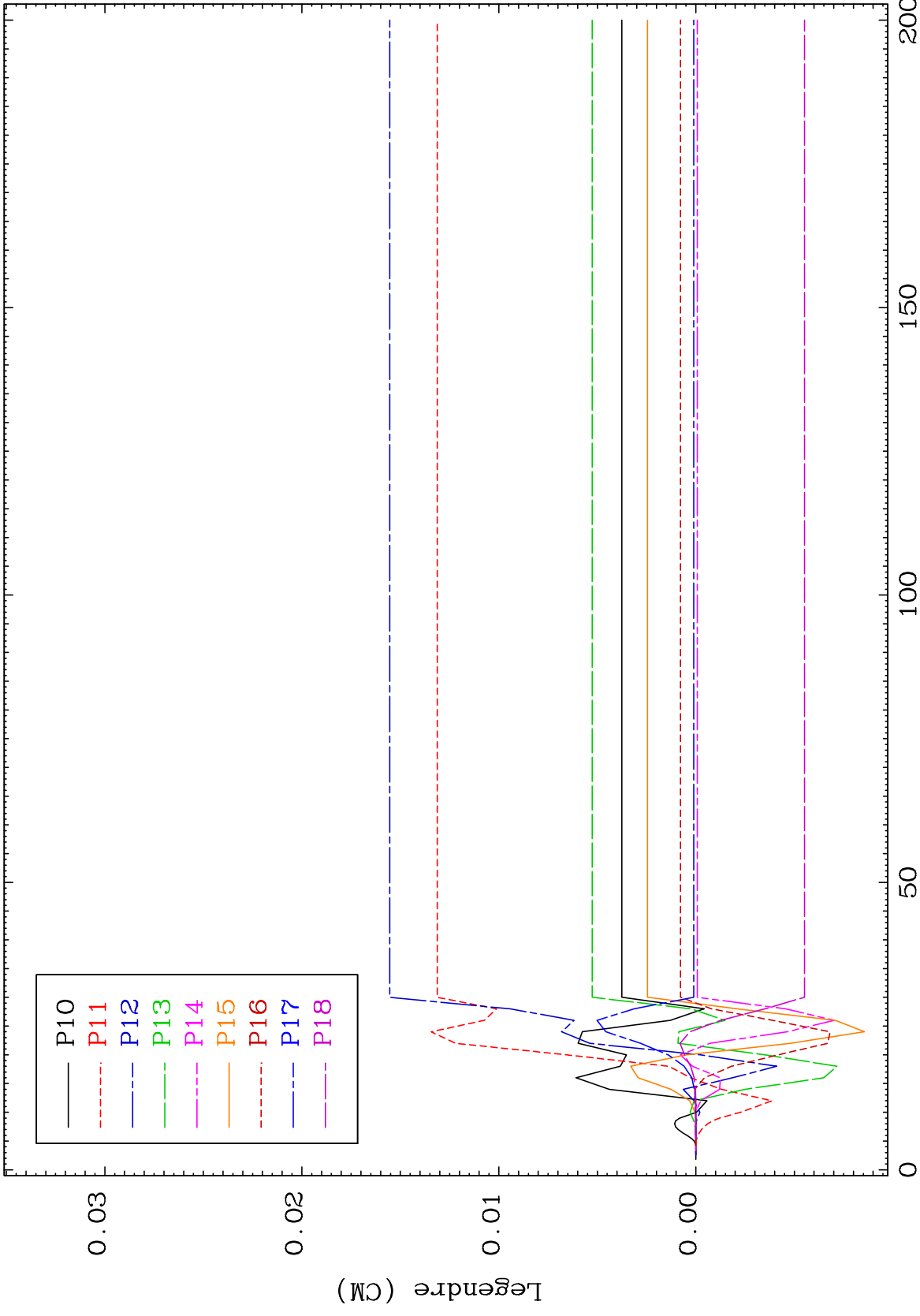
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



107

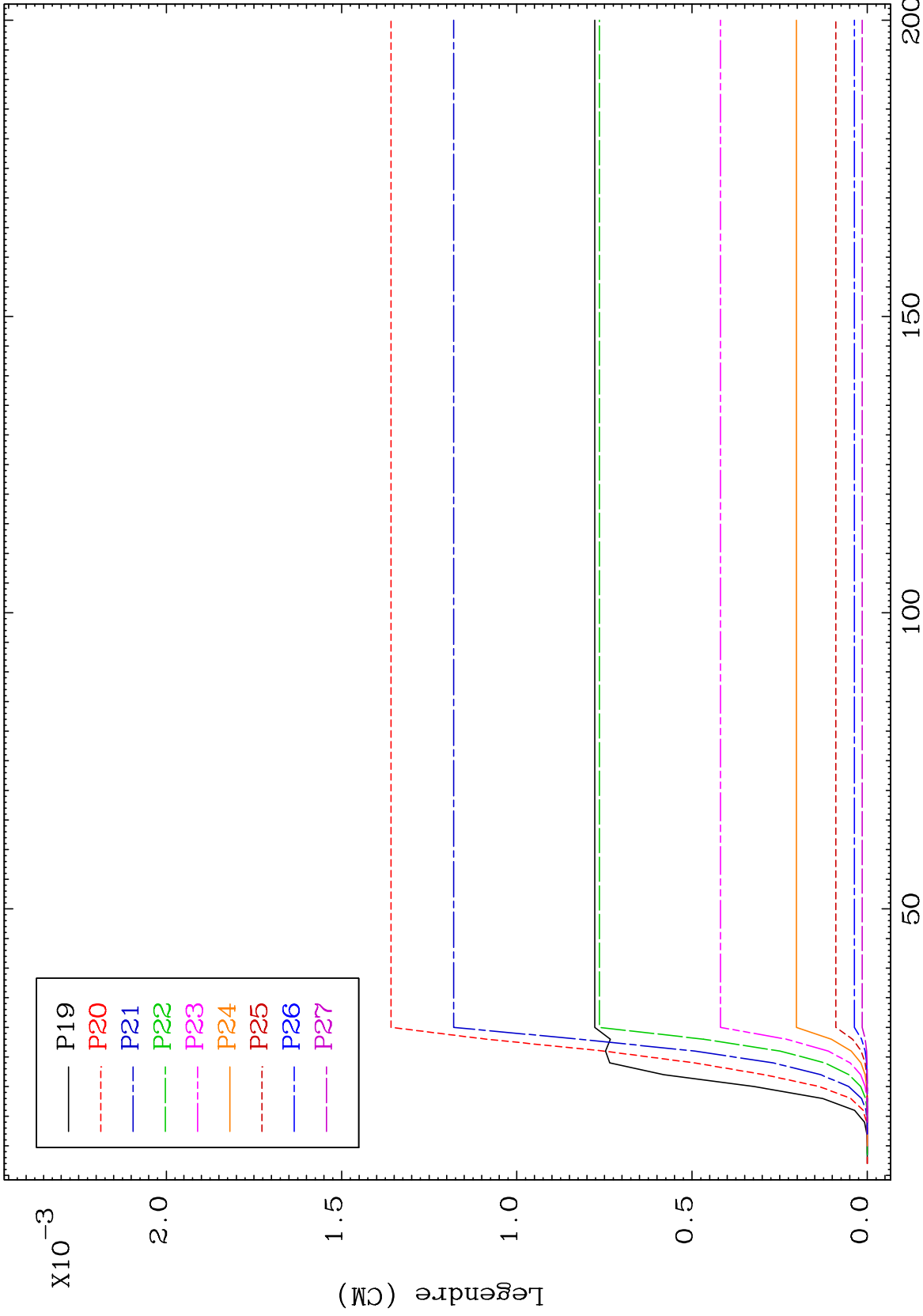
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



108

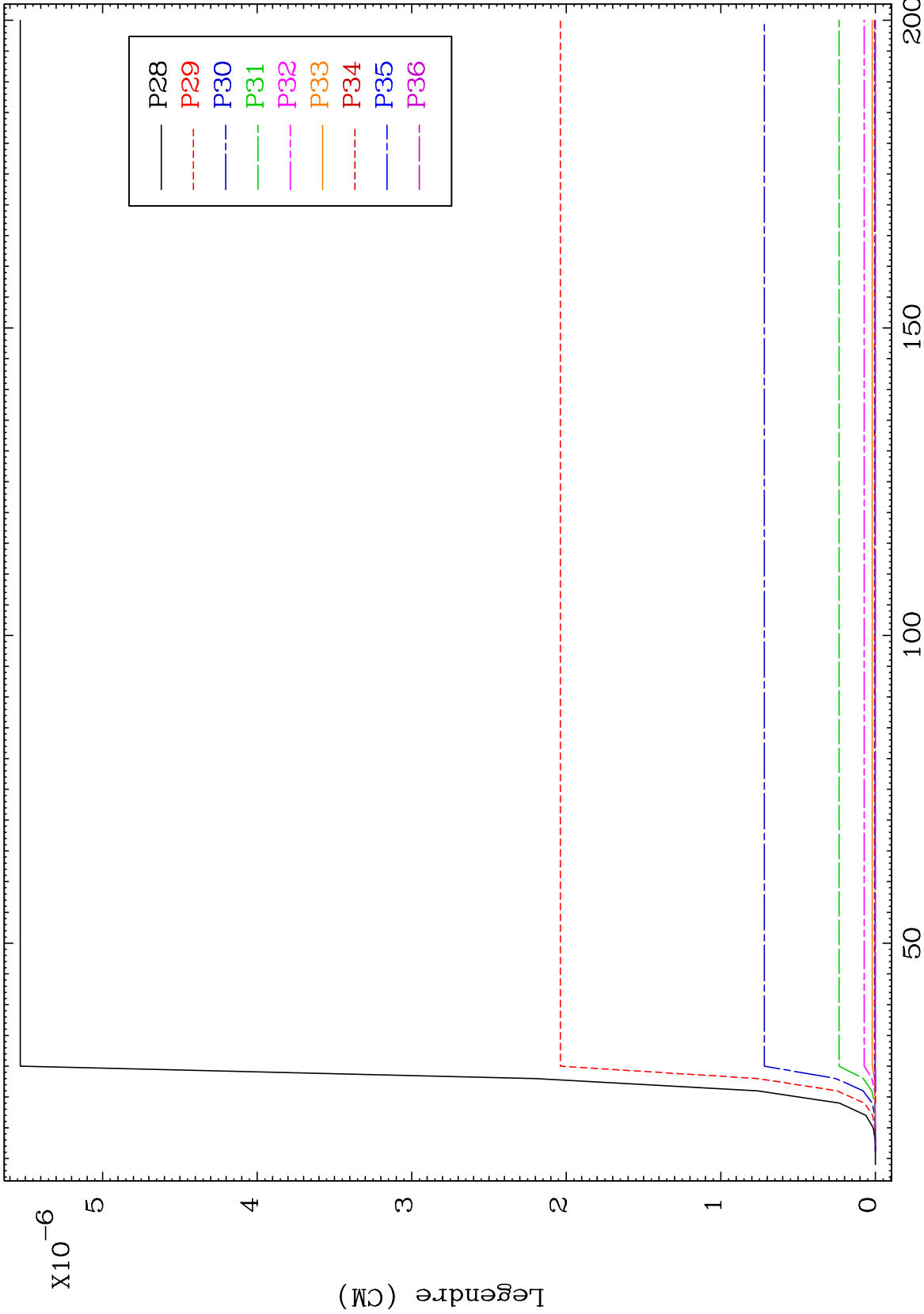
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



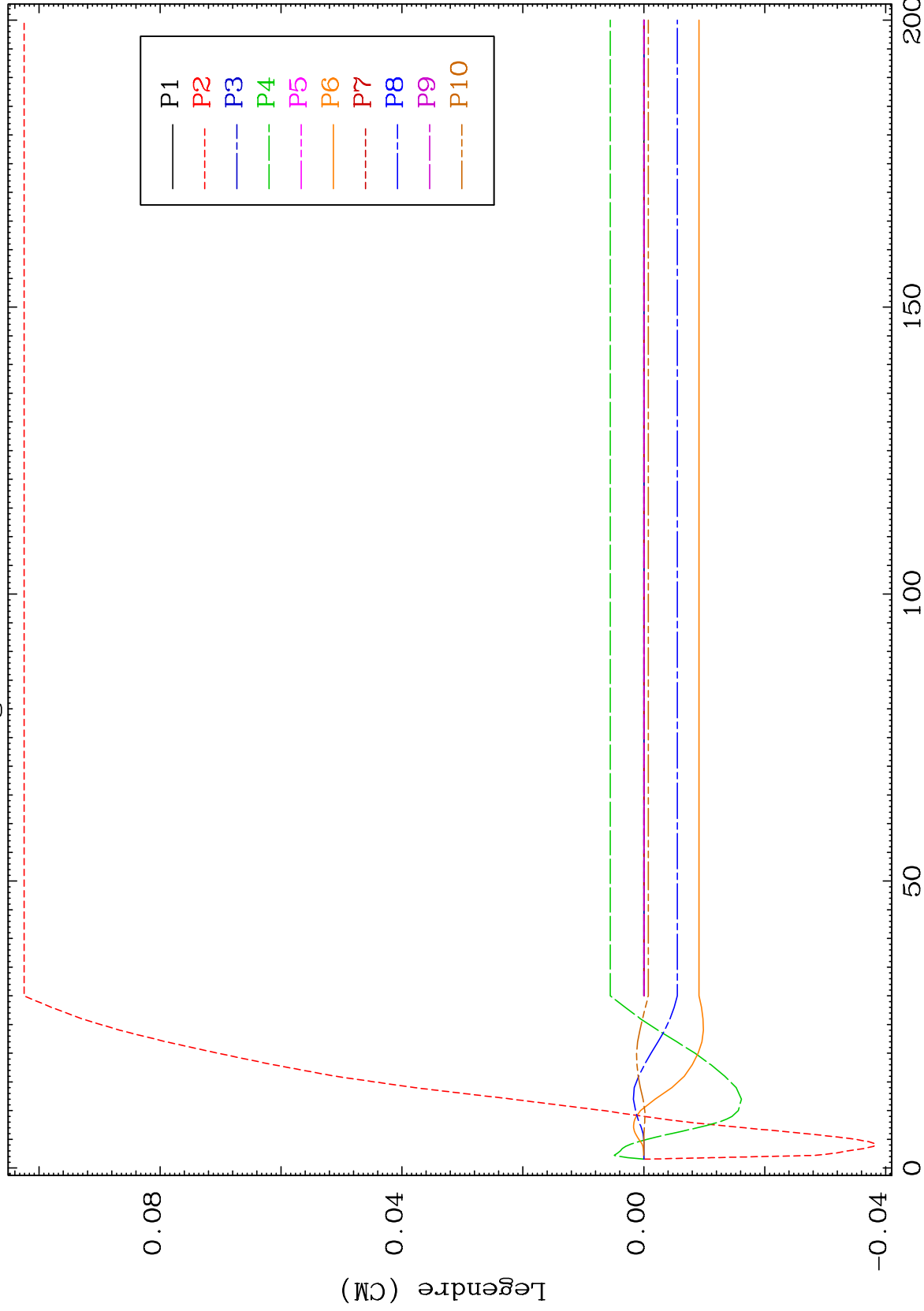
109

66-Dy-160

MAT 6637

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

66-Dy-160



66-Dy-160

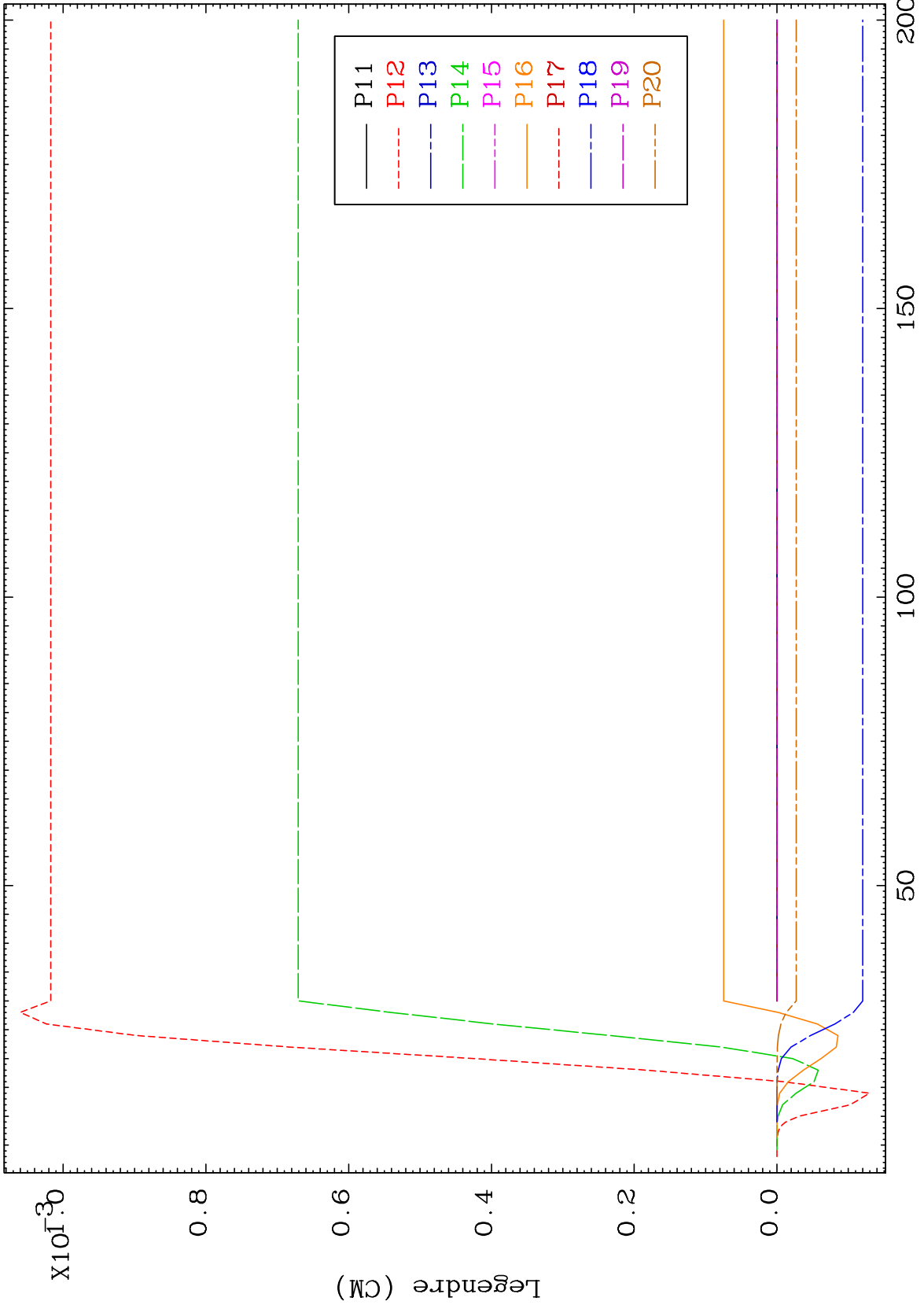
Incident Energy (MeV)

110

MAT 6637

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

66-Dy-160



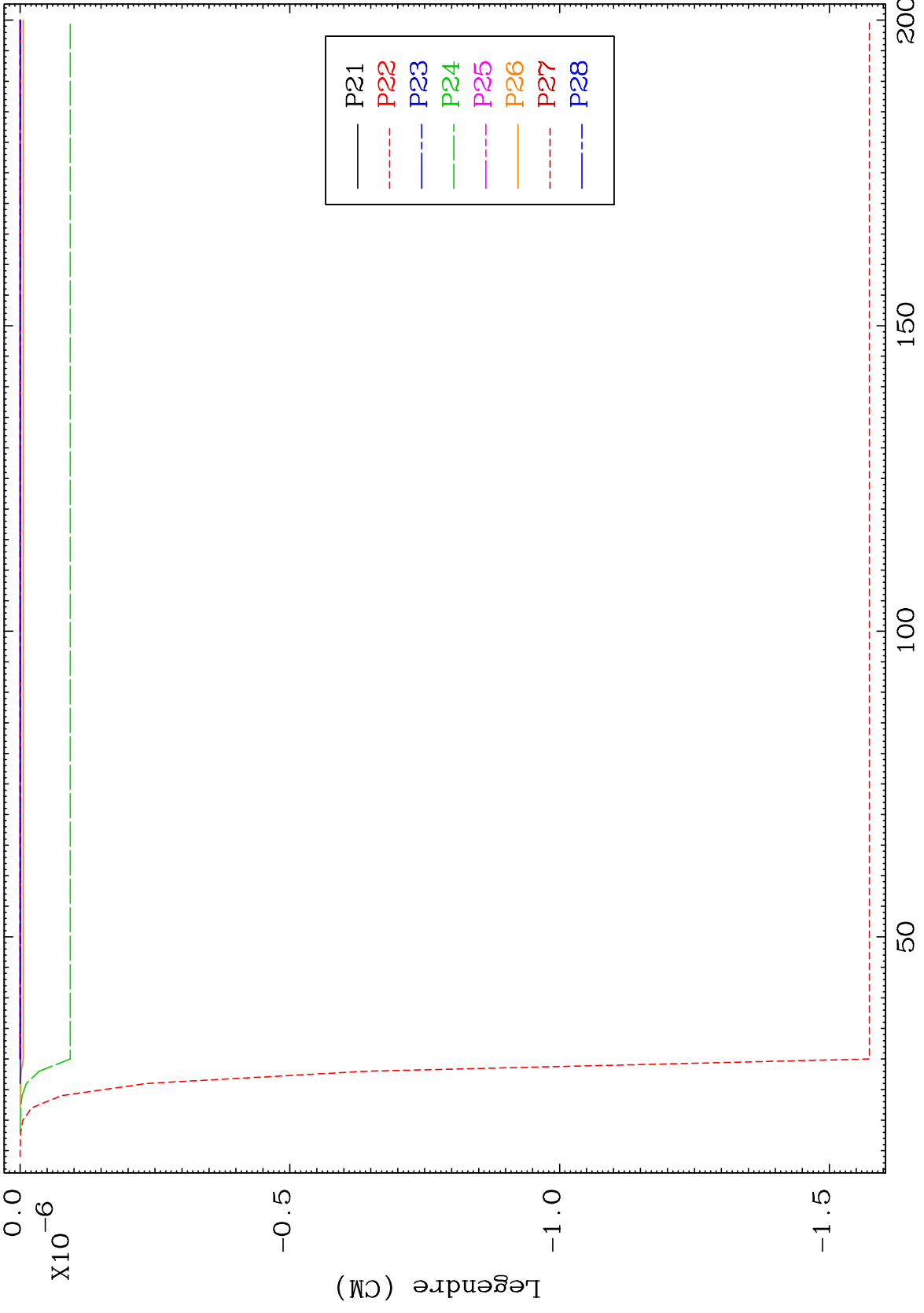
111

Incident Energy (MeV)

66-Dy-160

MAT 6637 MT= 76 (n,n') Level 66-Dy-160

Legendre Coefficients

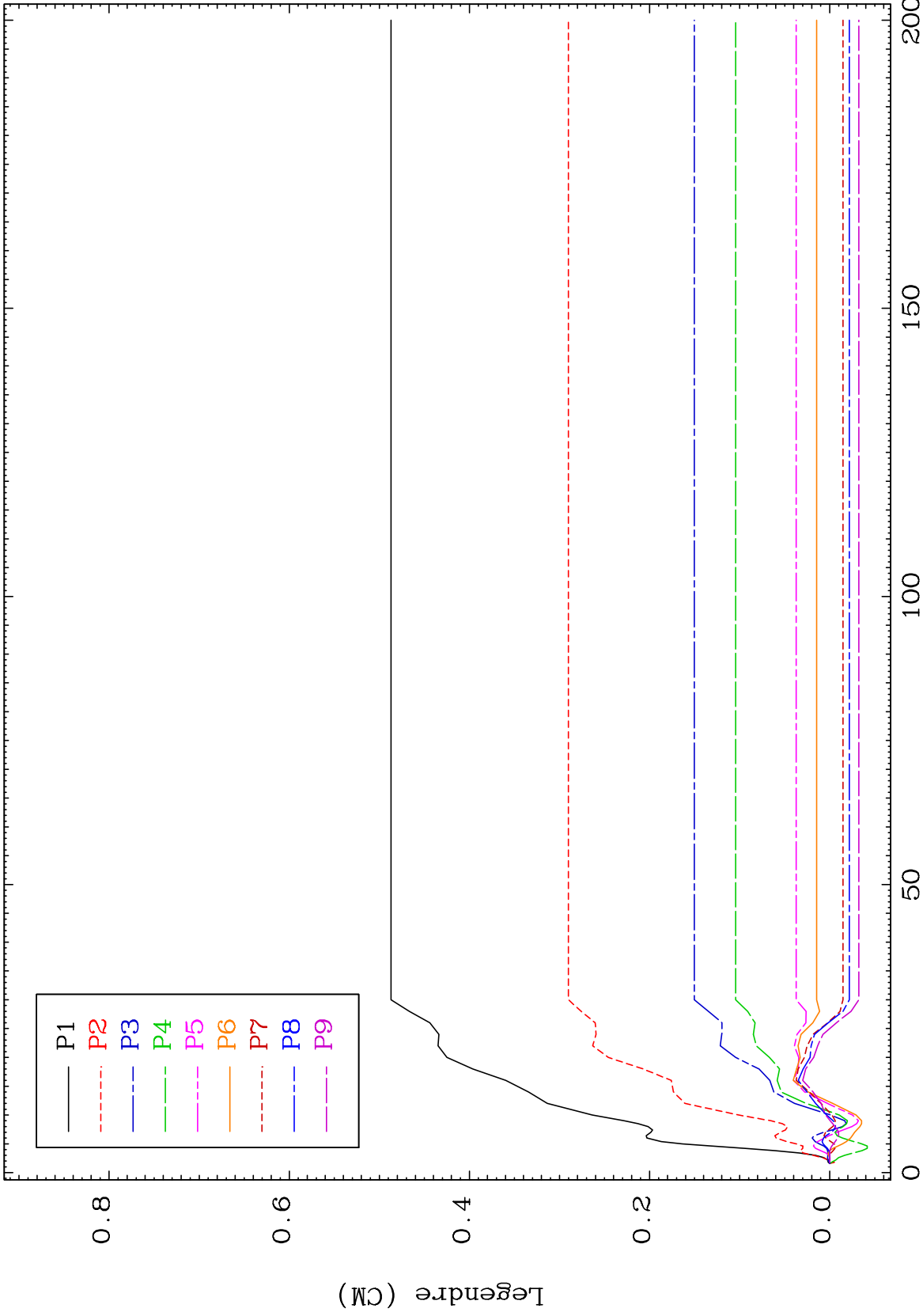


112 66-Dy-160

MAT 6637

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

66-Dy-160



113

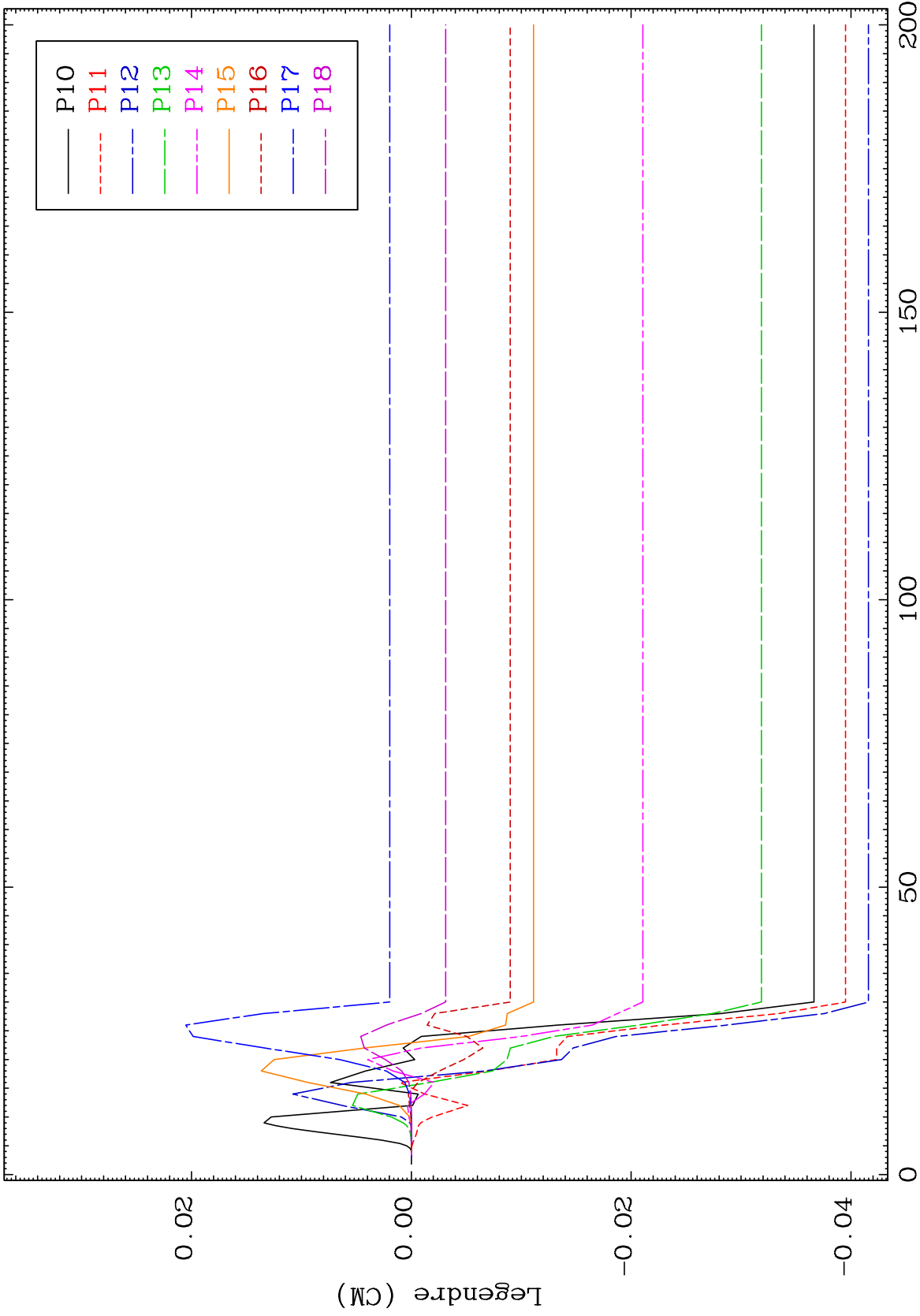
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



114

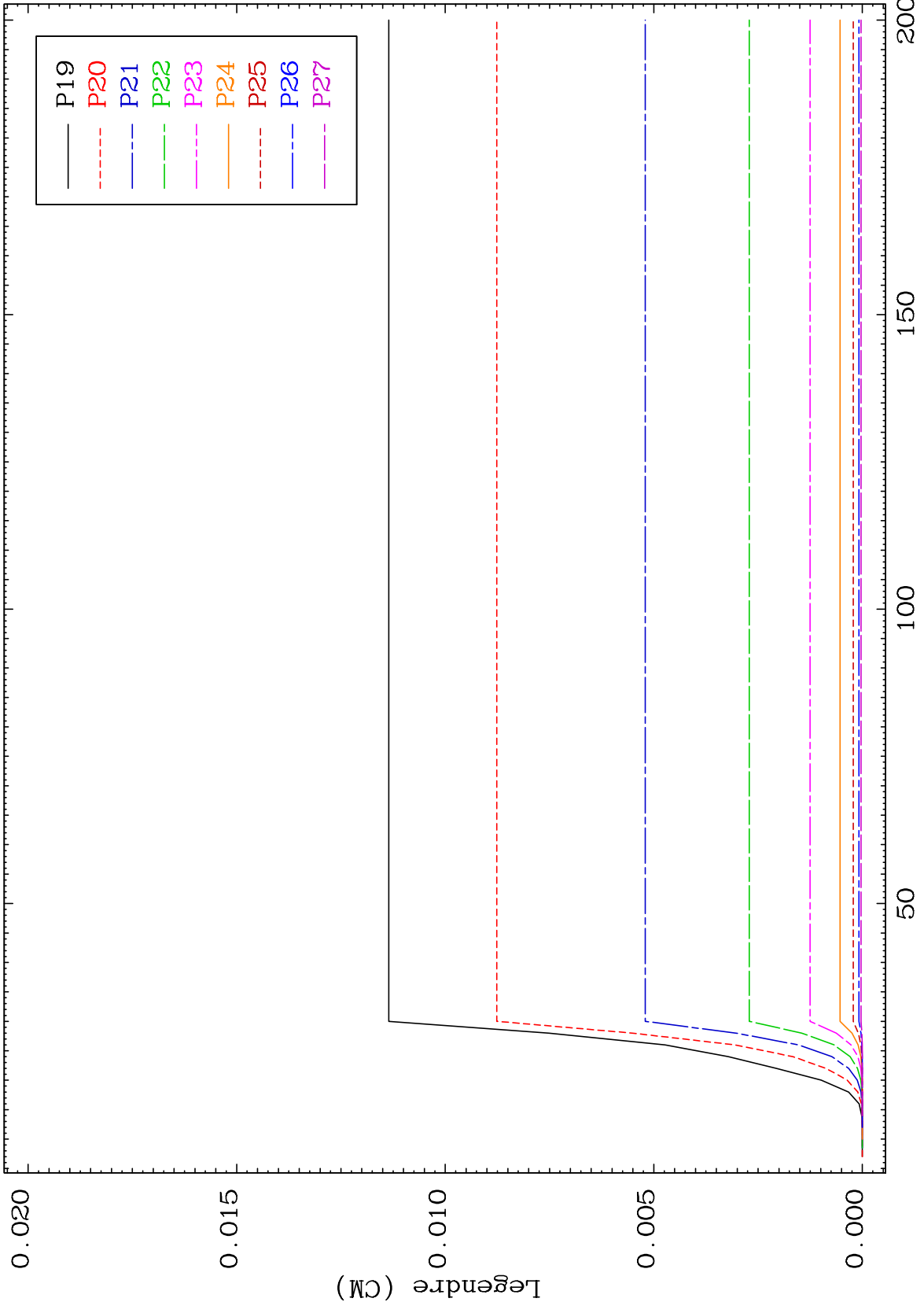
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



115

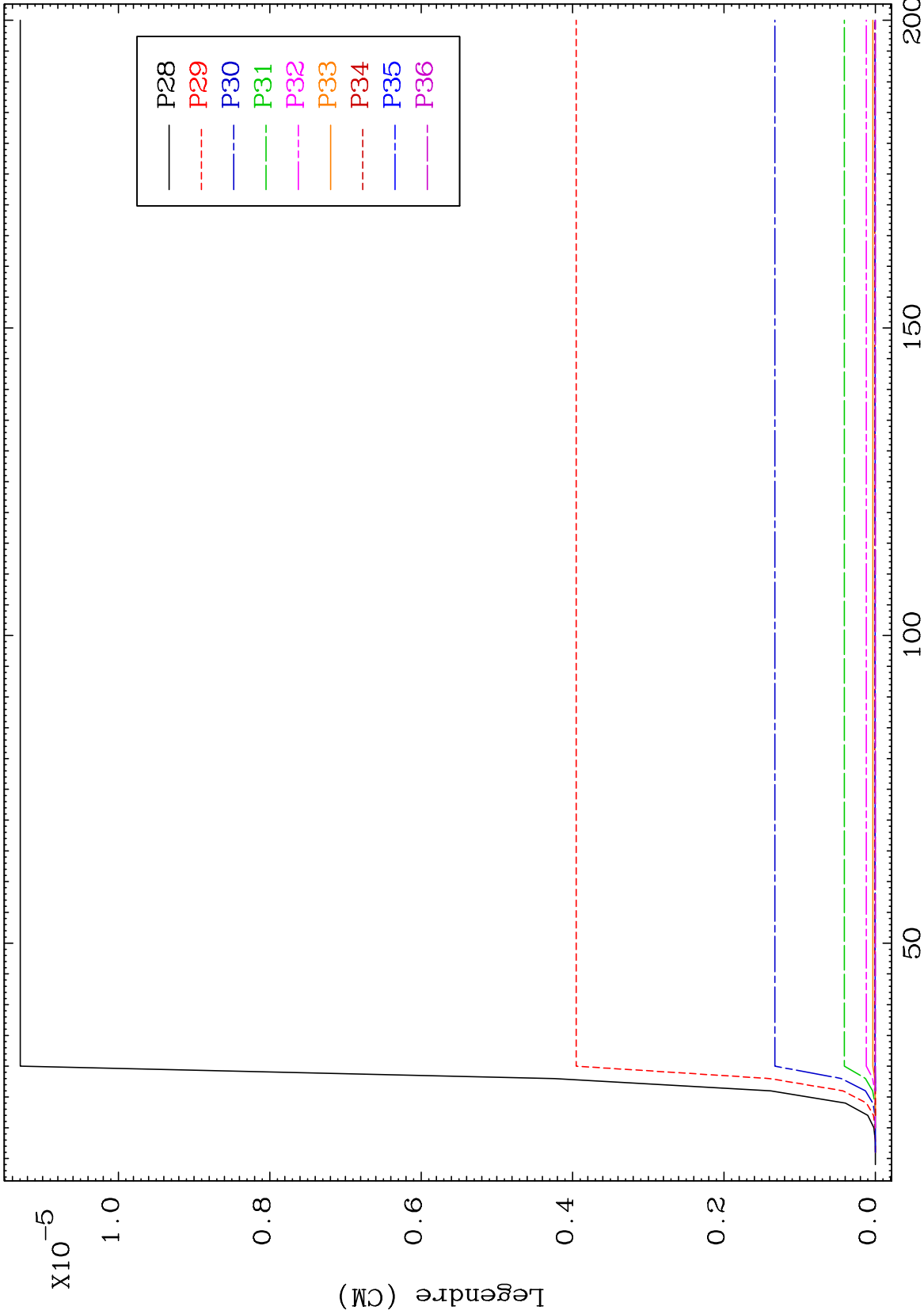
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



116

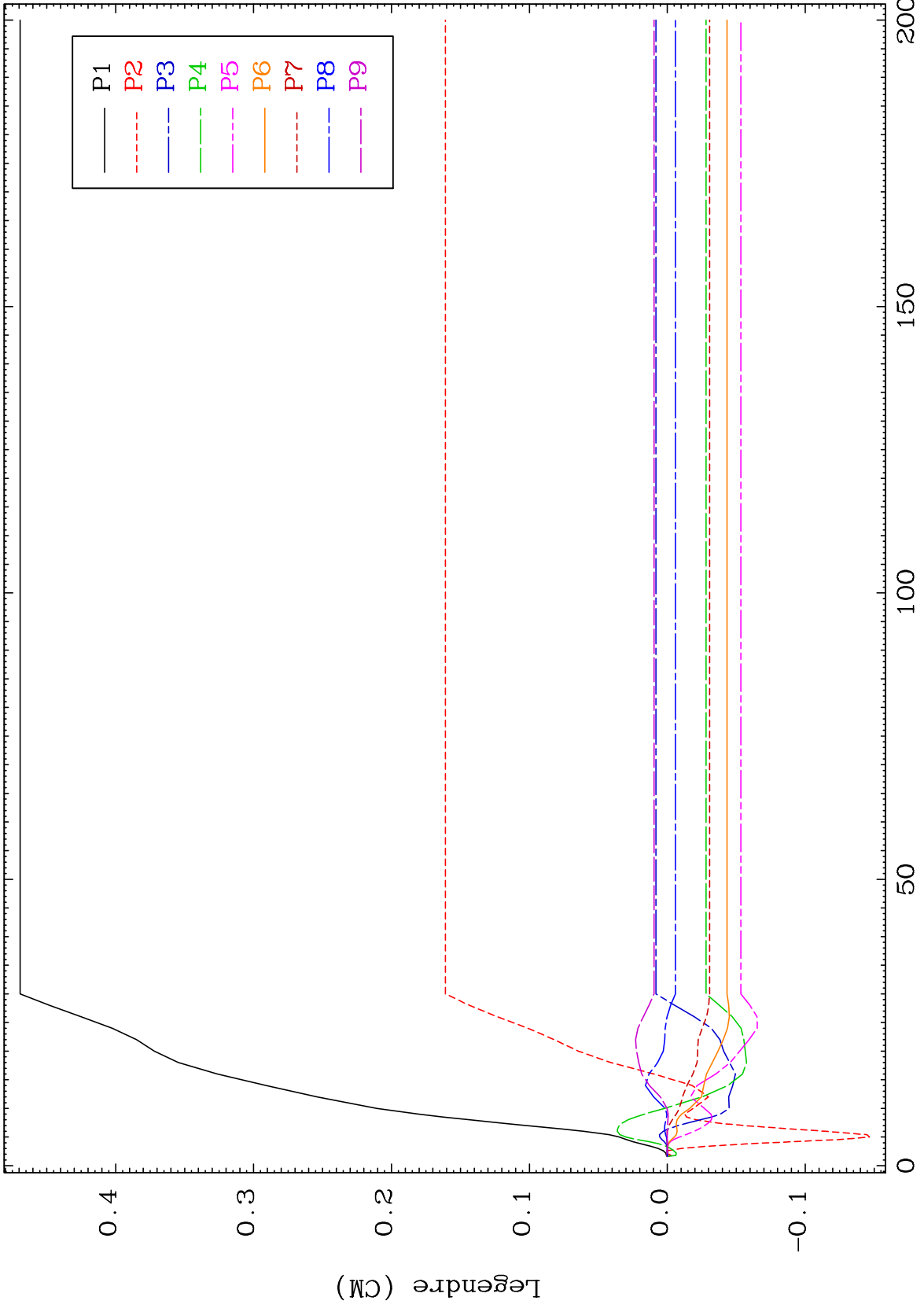
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



117

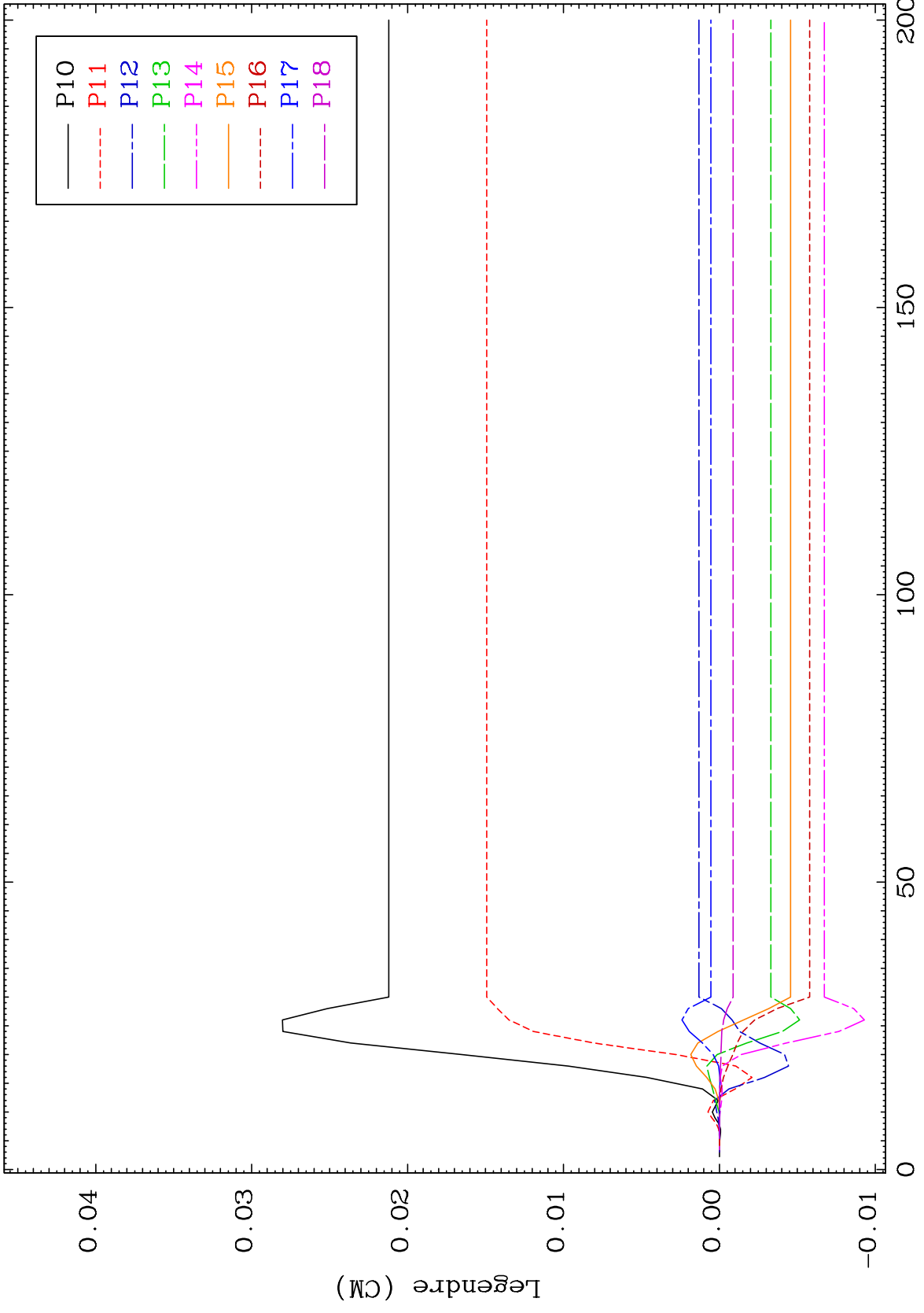
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



118

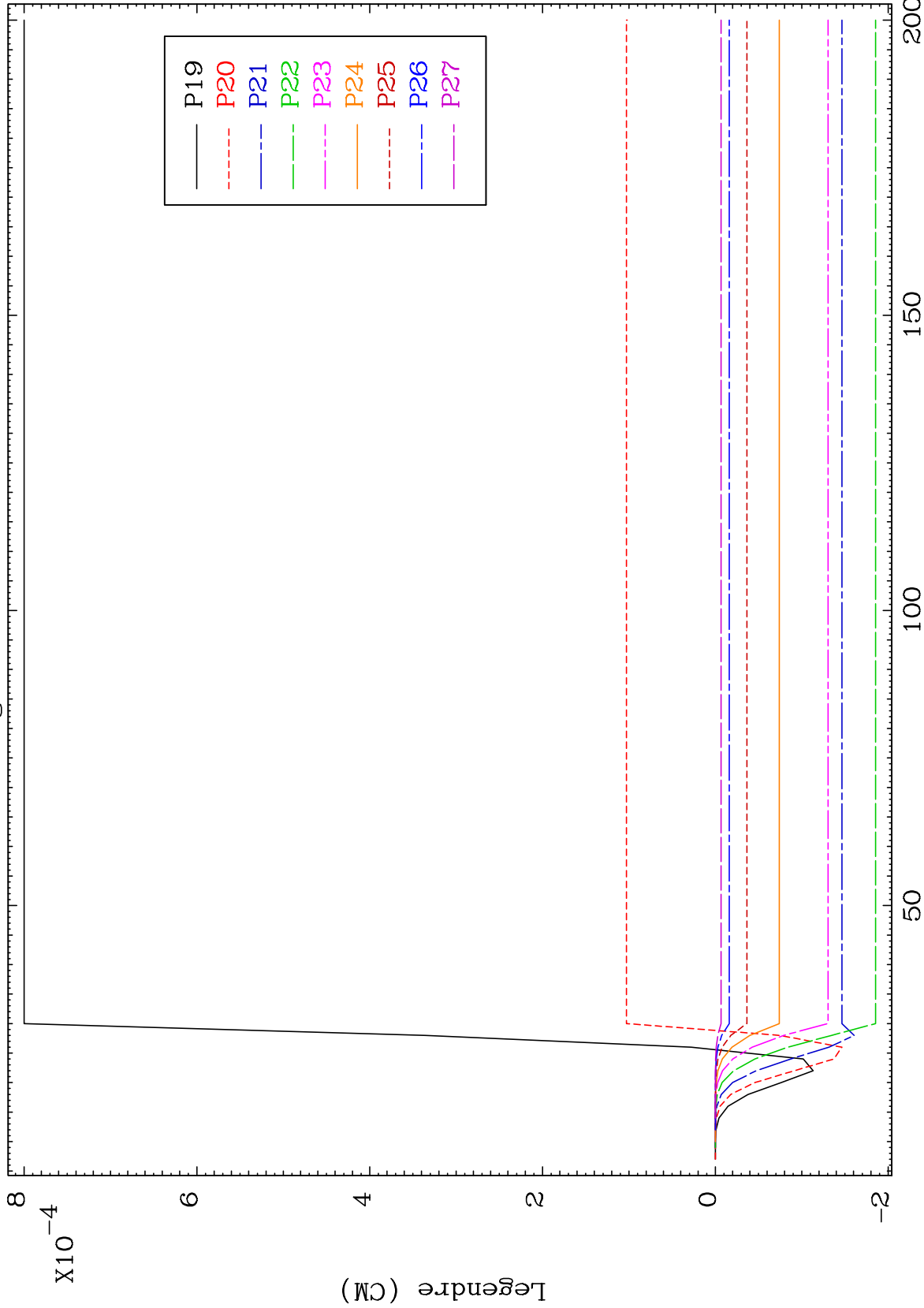
Incident Energy (MeV)

66-Dy-160

MAT 6637

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

66-Dy-160



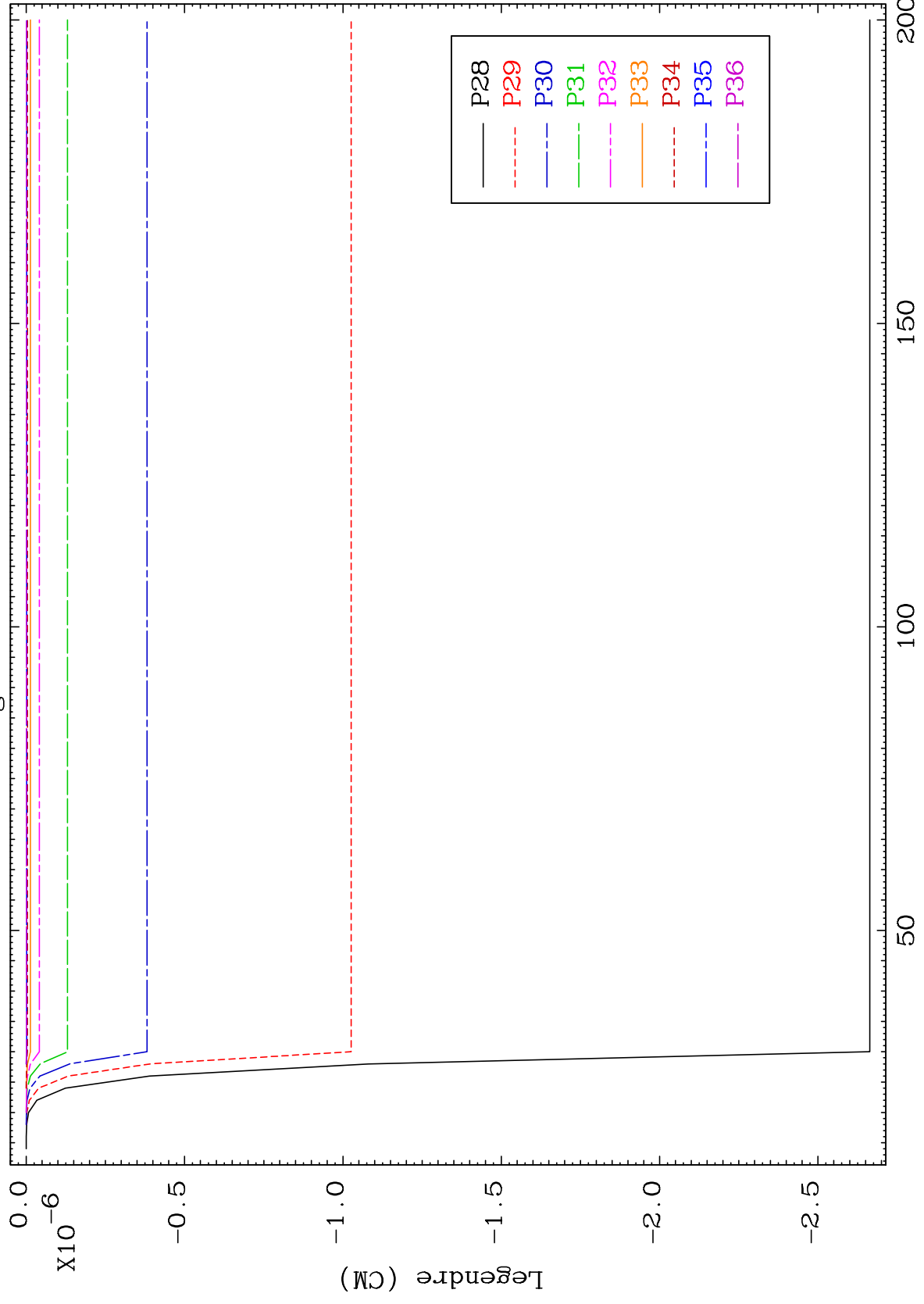
119

66-Dy-160

MAT 6637

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

66-Dy-160



66-Dy-160

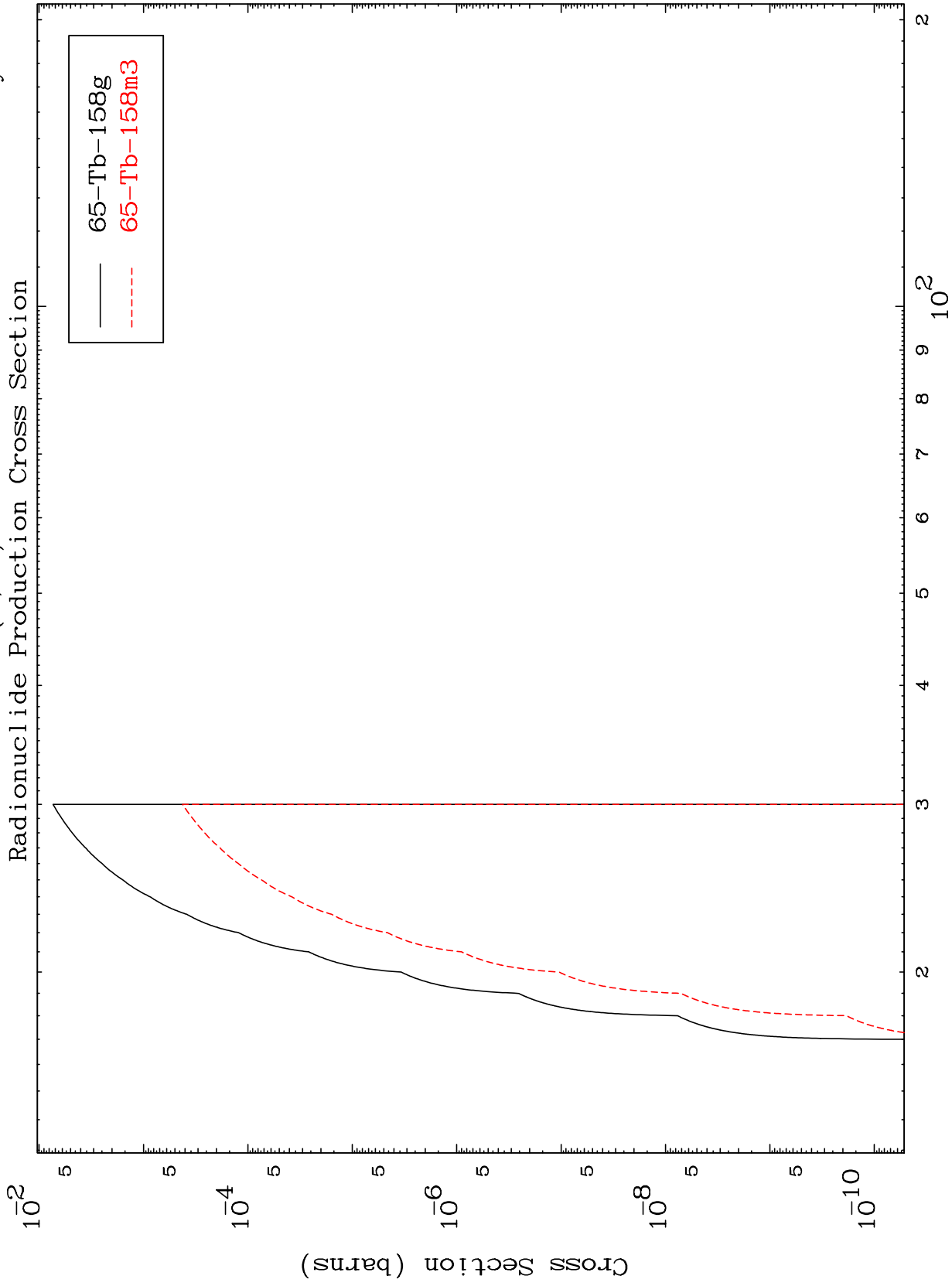
Incident Energy (MeV)

120

MAT 6637

(n,n') d

66-Dy-160



121

66-Dy-160

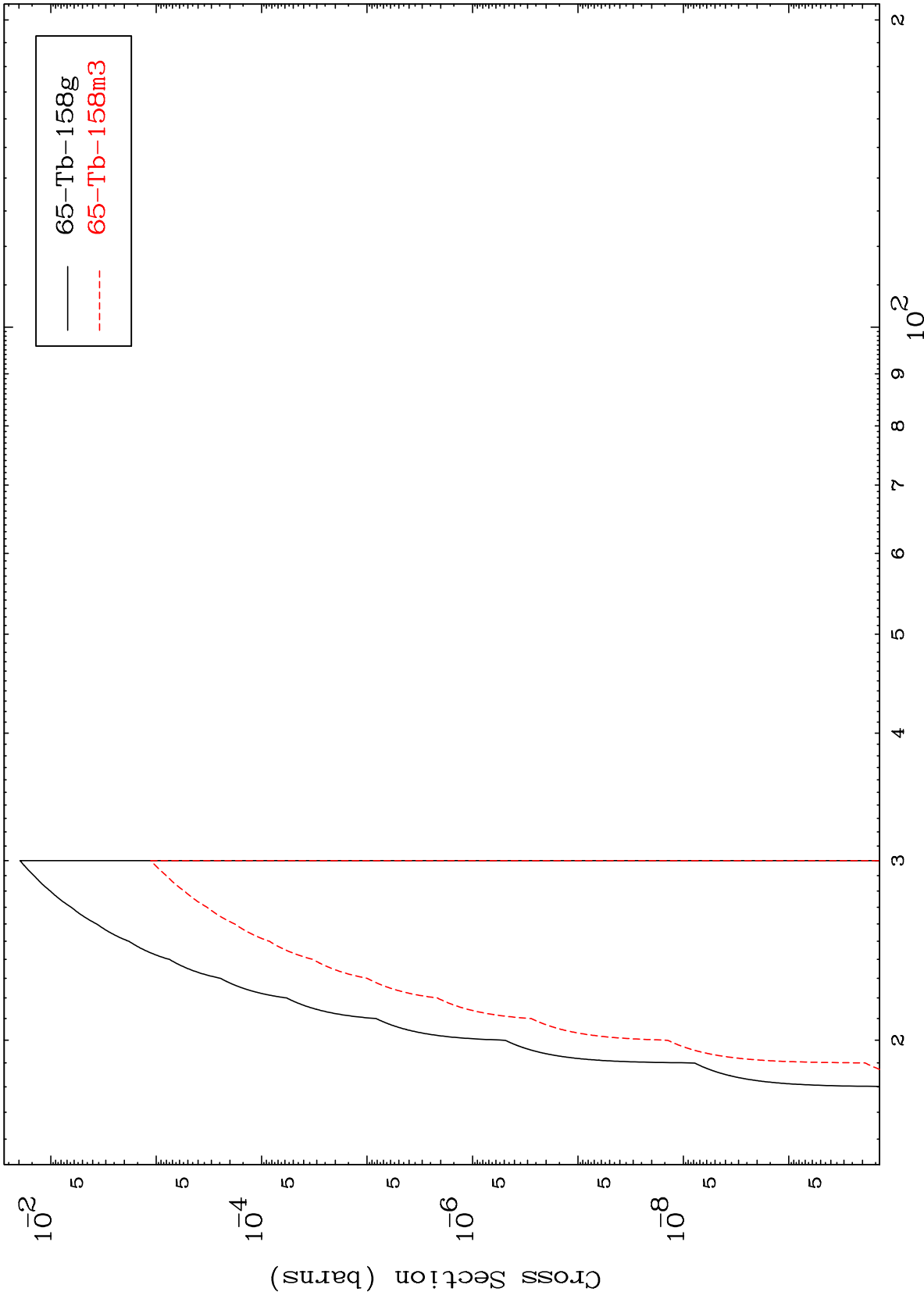
66-Dy-160

MAT 6637

(n,2n) p

66-Dy-160

Radionuclide Production Cross Section



122

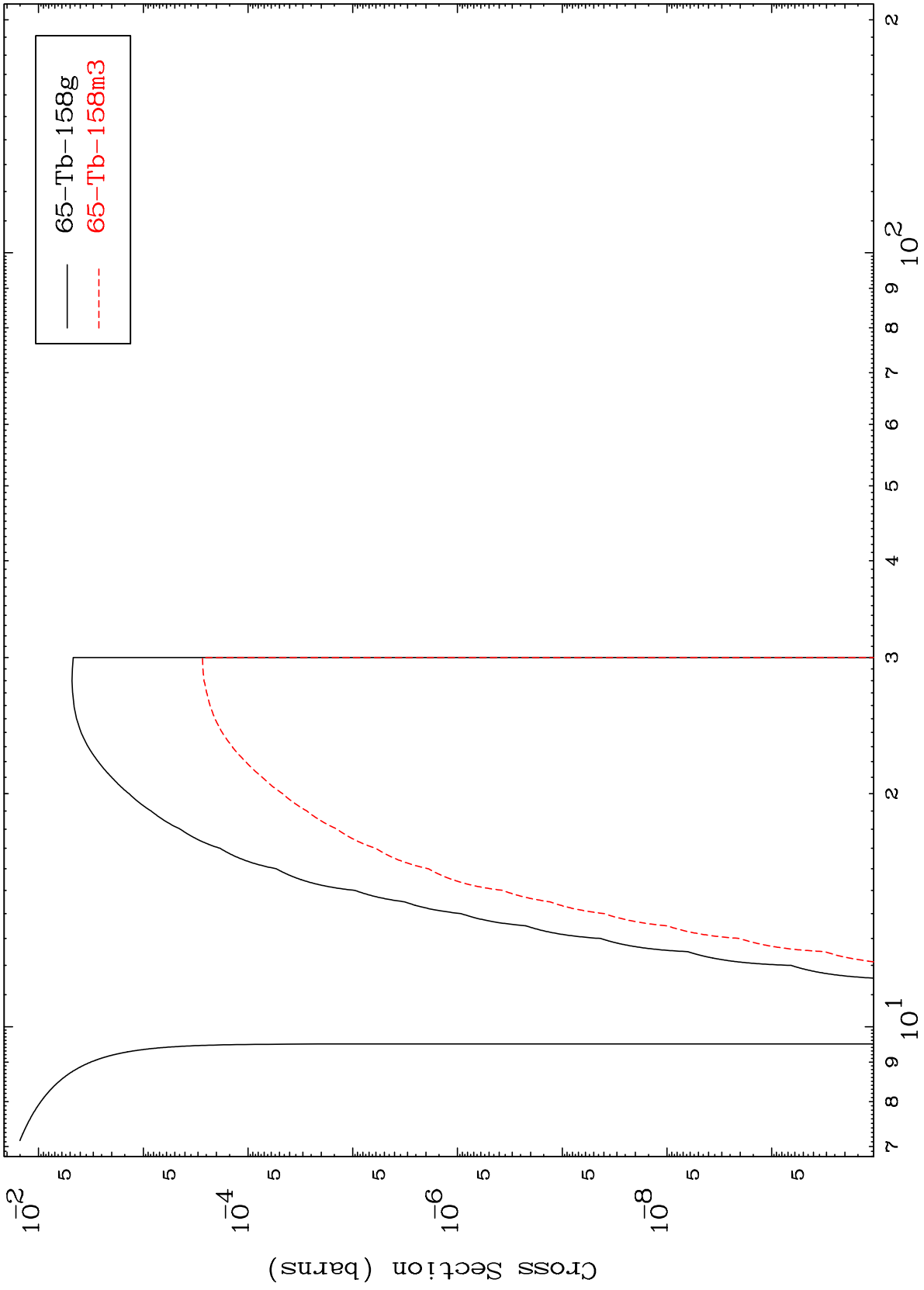
Incident Energy (MeV)

66-Dy-160

MAT 6637

66-Dy-160

(n, t)
Radionuclide Production Cross Section



123

Incident Energy (MeV)

66-Dy-160