

Program EVALPLOT  
(Version 2018-1)

by

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

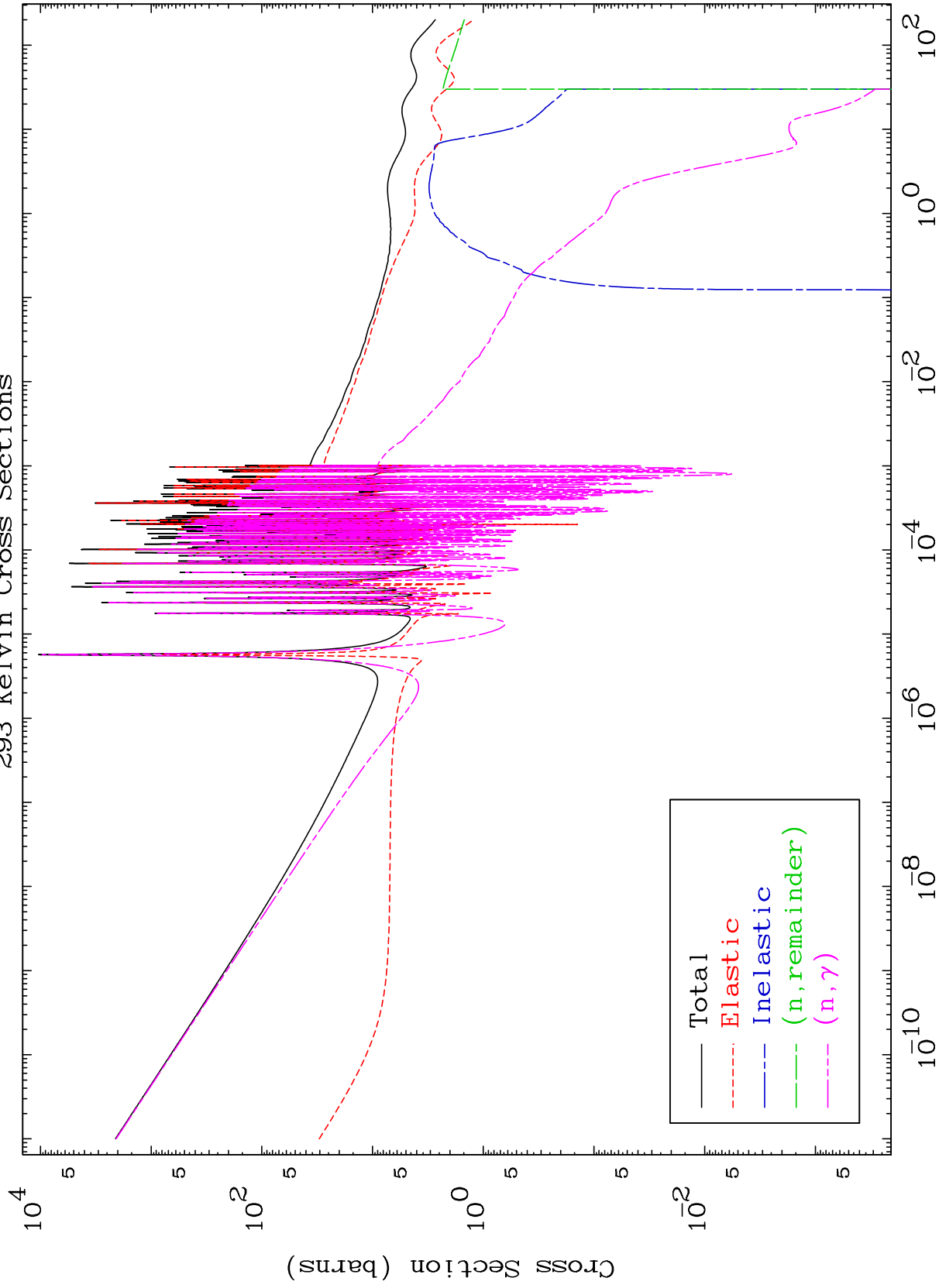
Press Mouse Button to Start

MAT 7240

Major

293 Kelvin Cross Sections

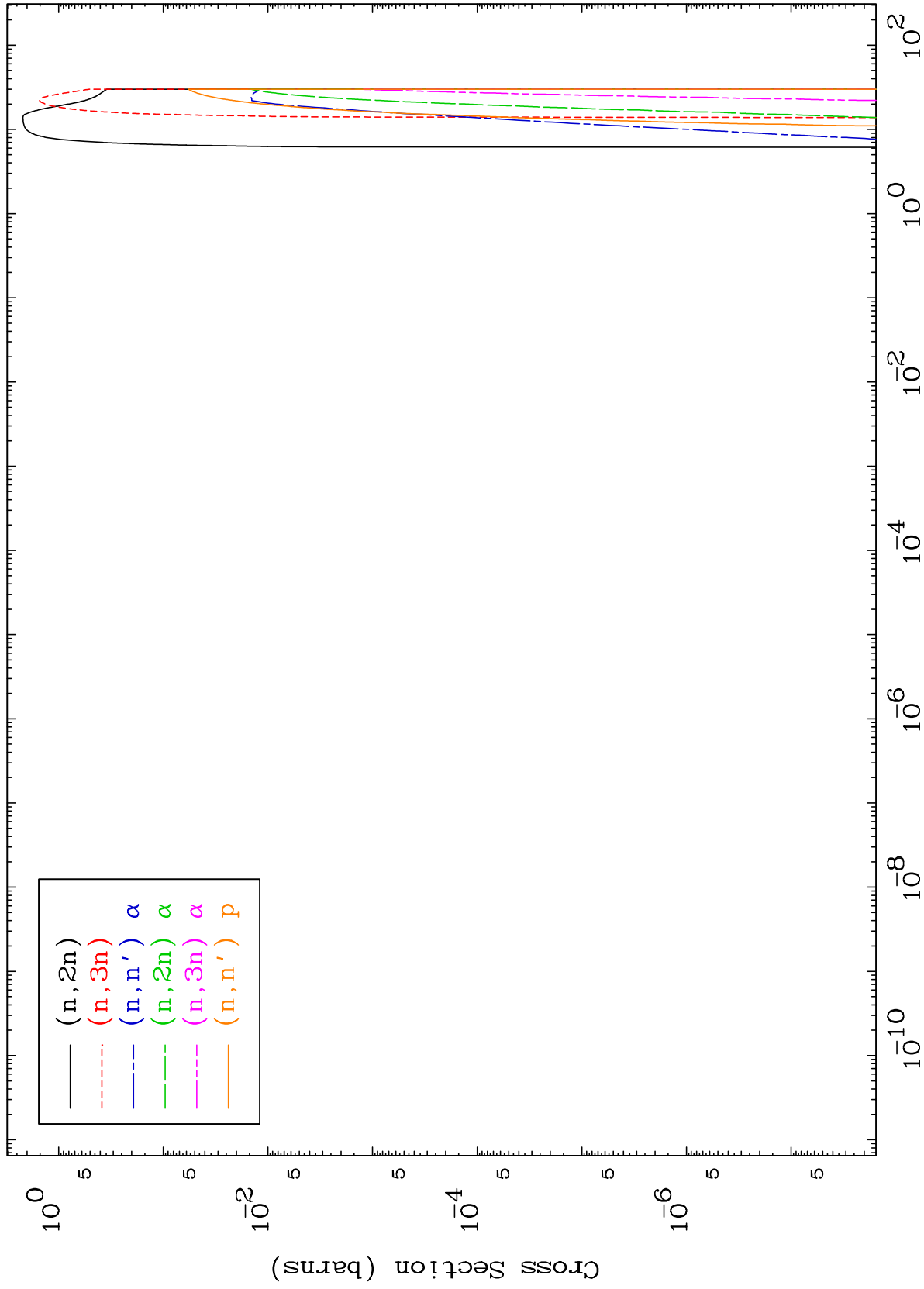
72-Hf-179



MAT 7240

Neutron Production  
293 Kelvin Cross Sections

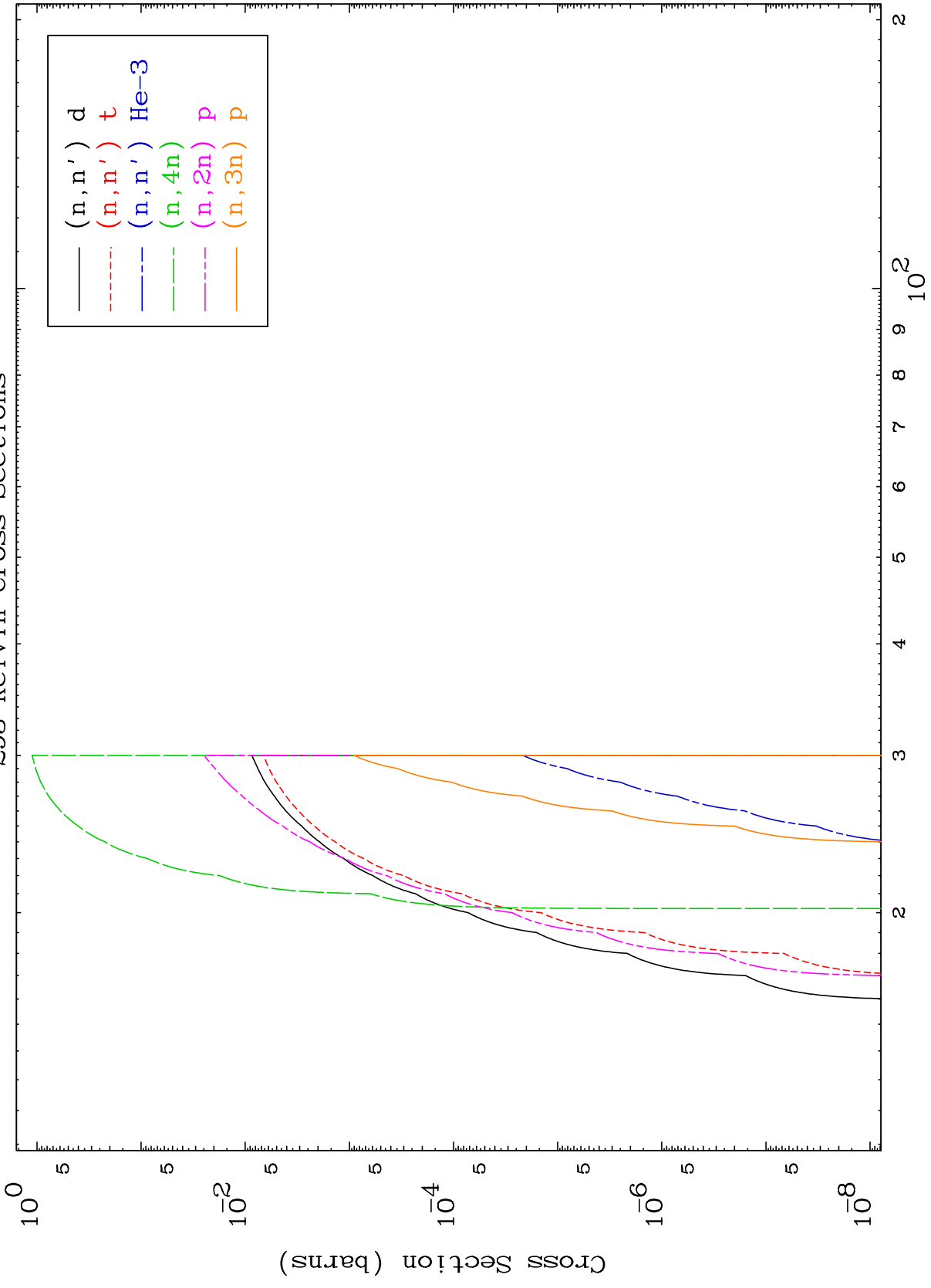
72-Hf-179



2

Incident Energy (MeV)

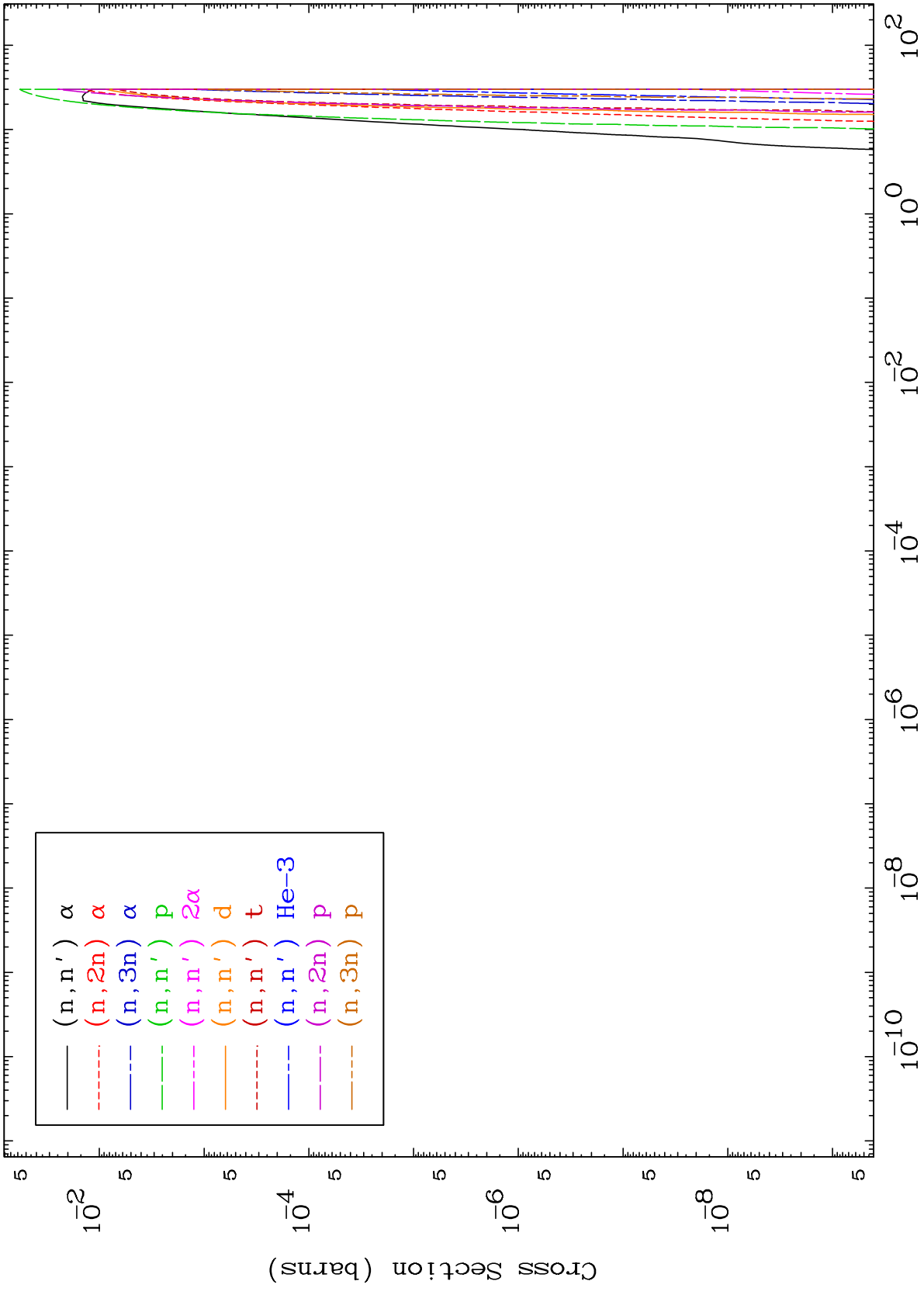
72-Hf-179



MAT 7240

293 Charged Particle  
Kelvin Cross Sections

72-Hf-179



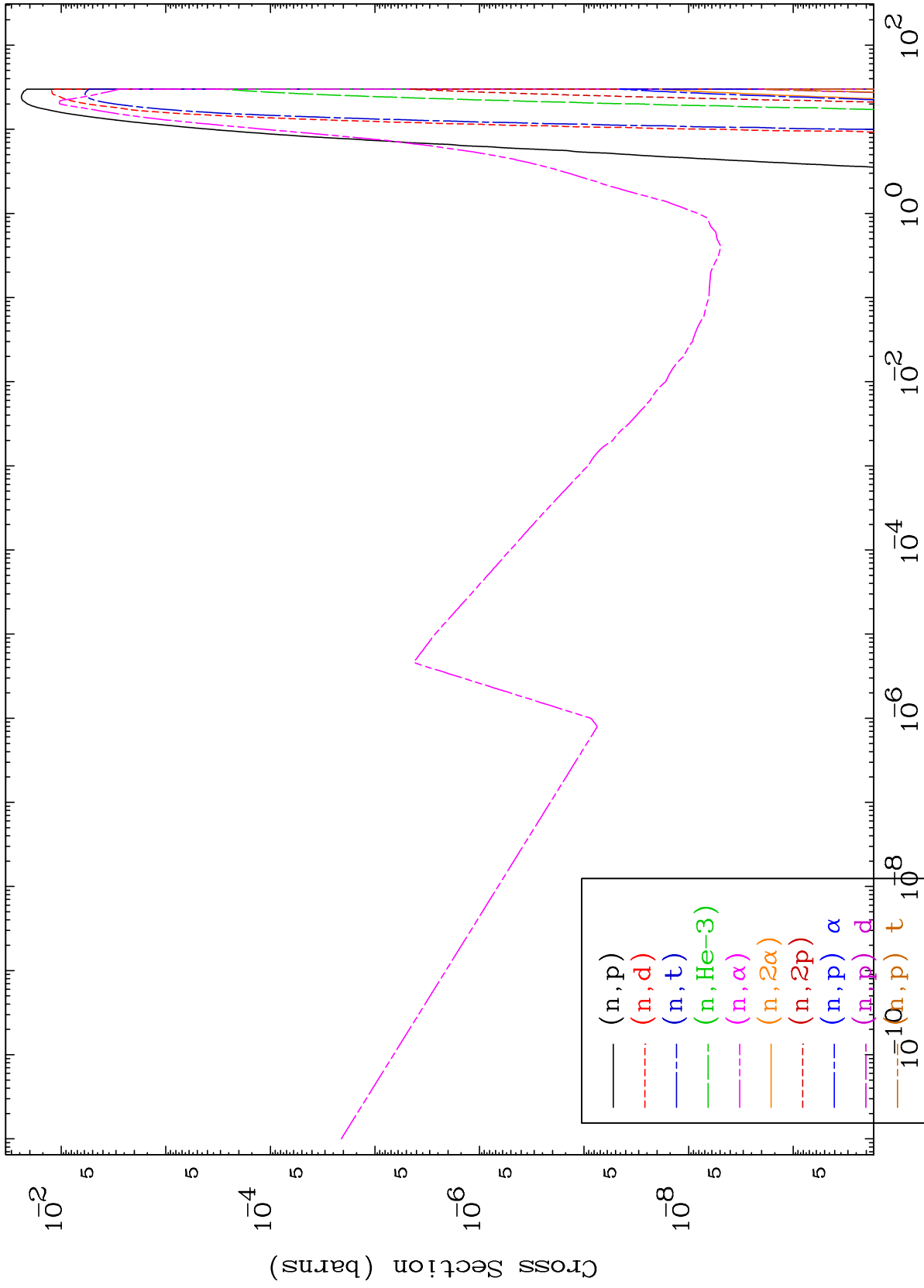
72-Hf-179

Incident Energy (MeV)

MAT 7240

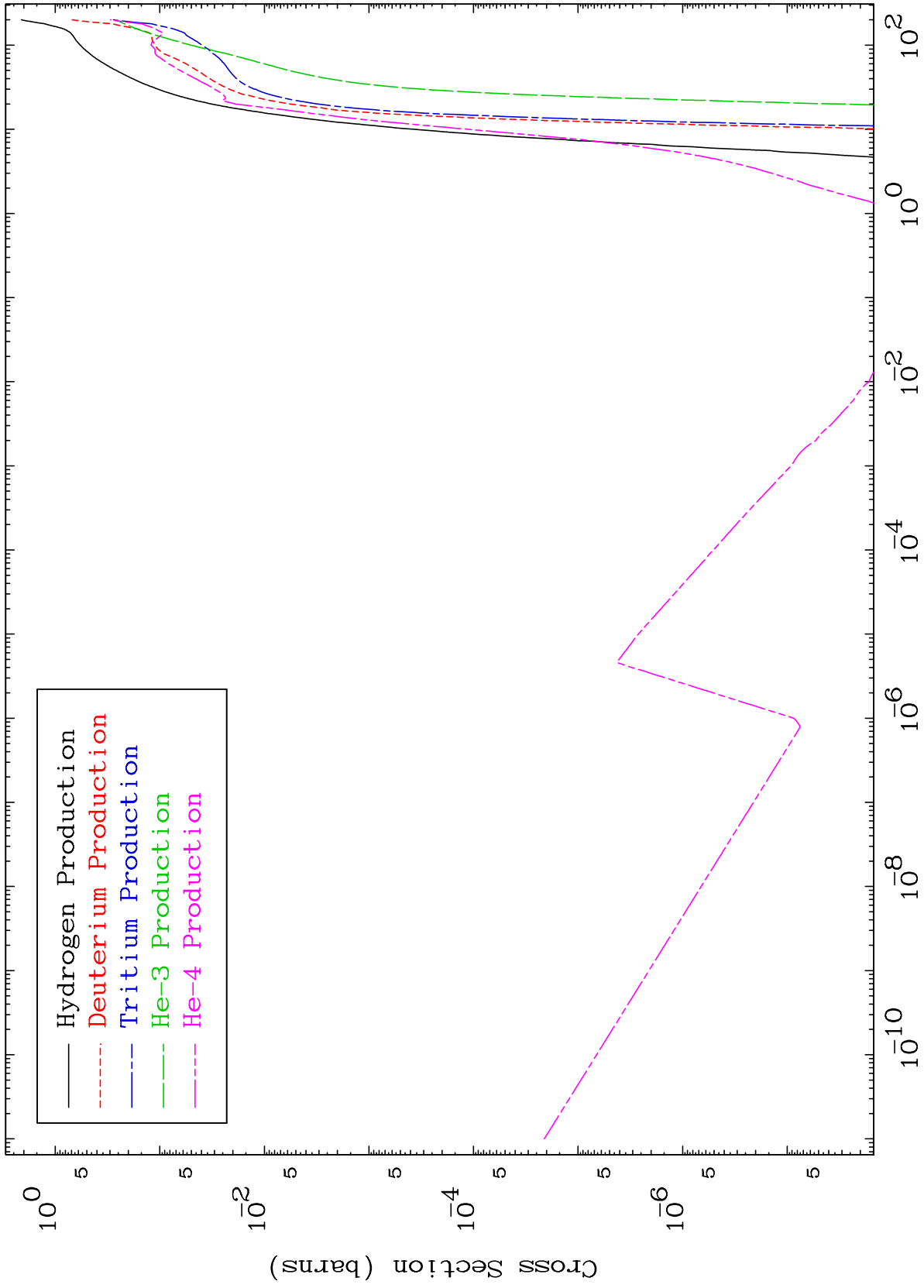
Charged Particle  
293 Kelvin Cross Sections

72-Hf-179



5

72-Hf-179

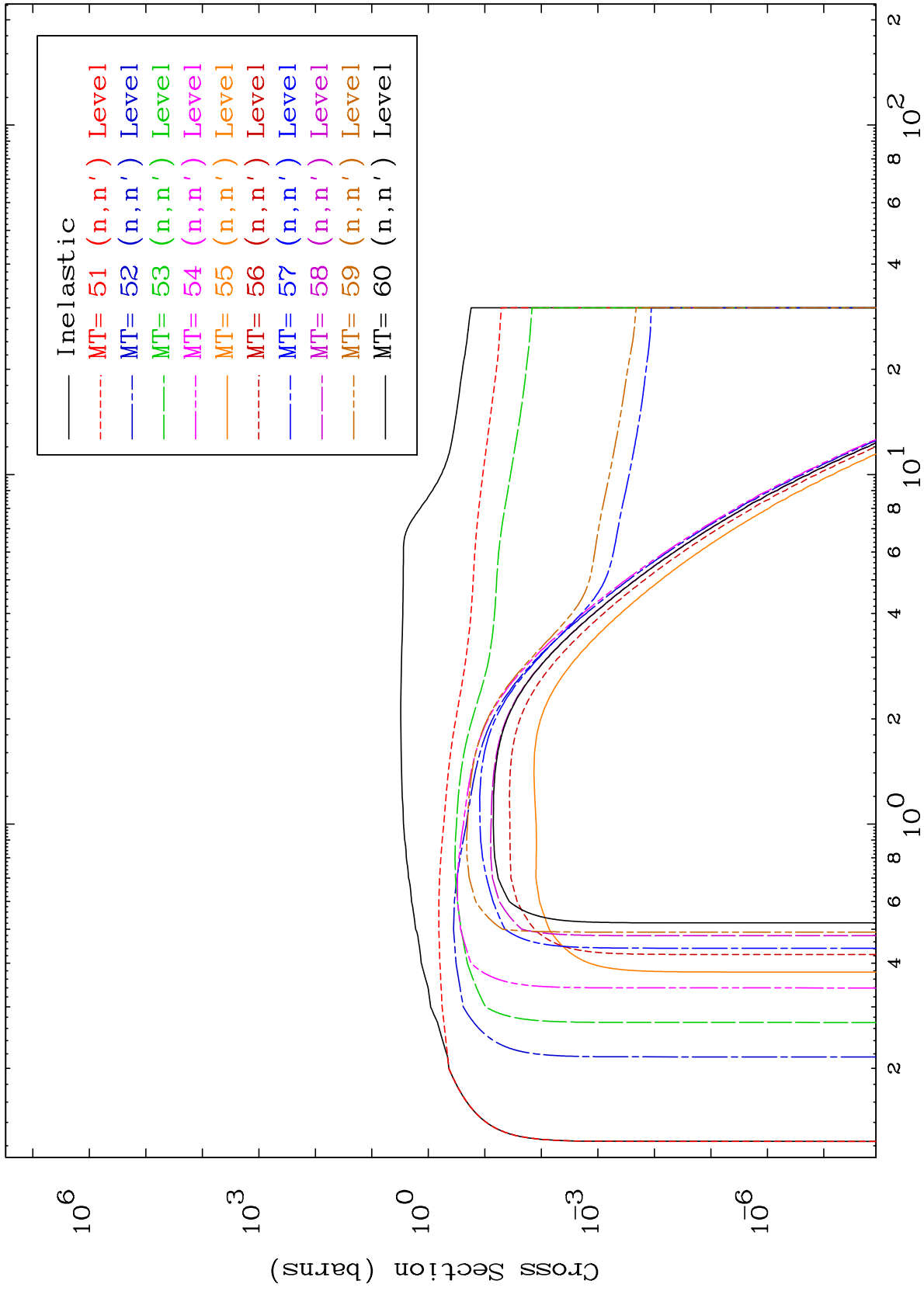


MAT 7240

(n,n') Level

72-Hf-179

293 Kelvin Cross Sections



7

Incident Energy (MeV)

72-Hf-179

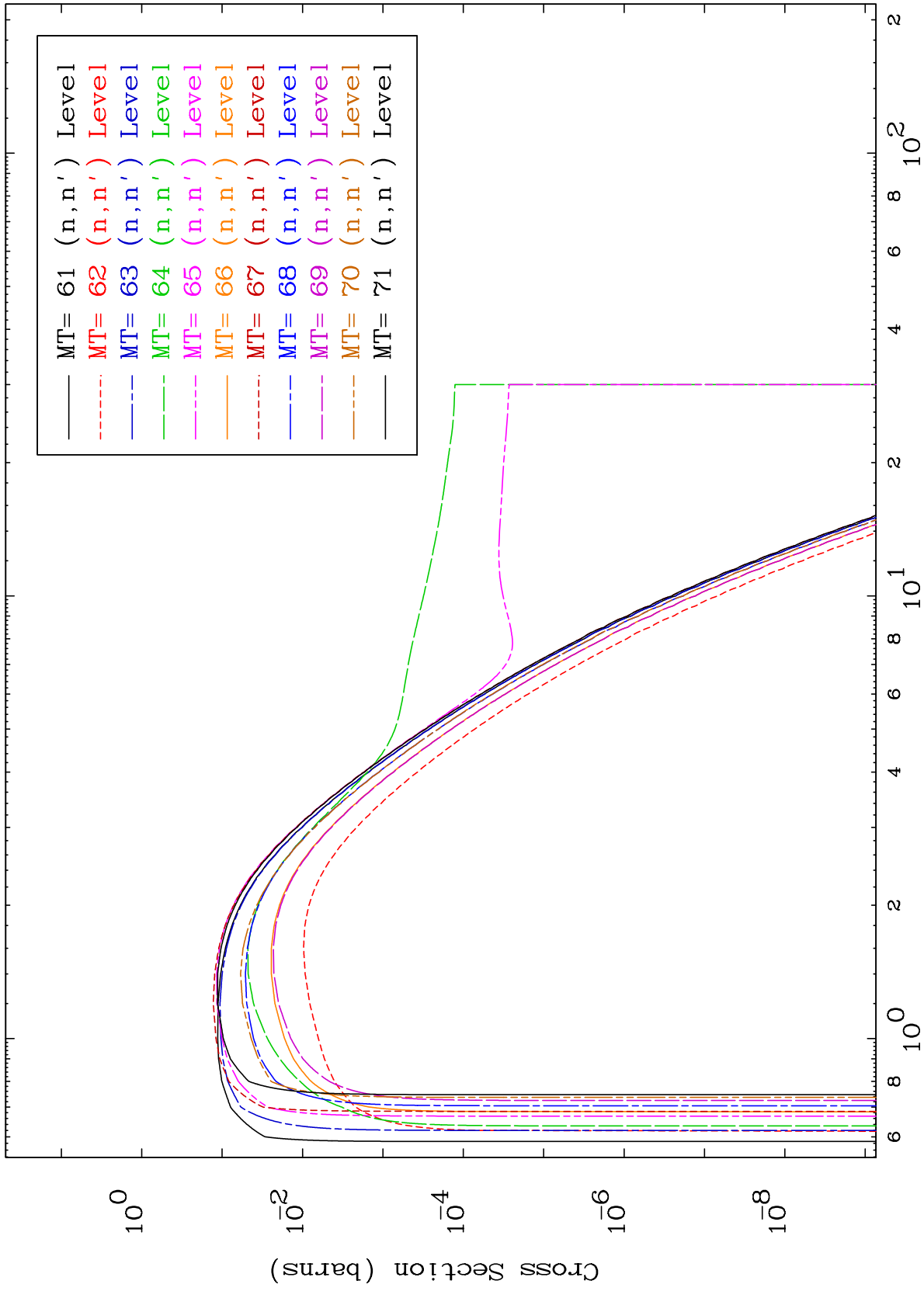


MAT 7240

(n,n') Level

72-Hf-179

293 Kelvin Cross Sections



8

Incident Energy (MeV)

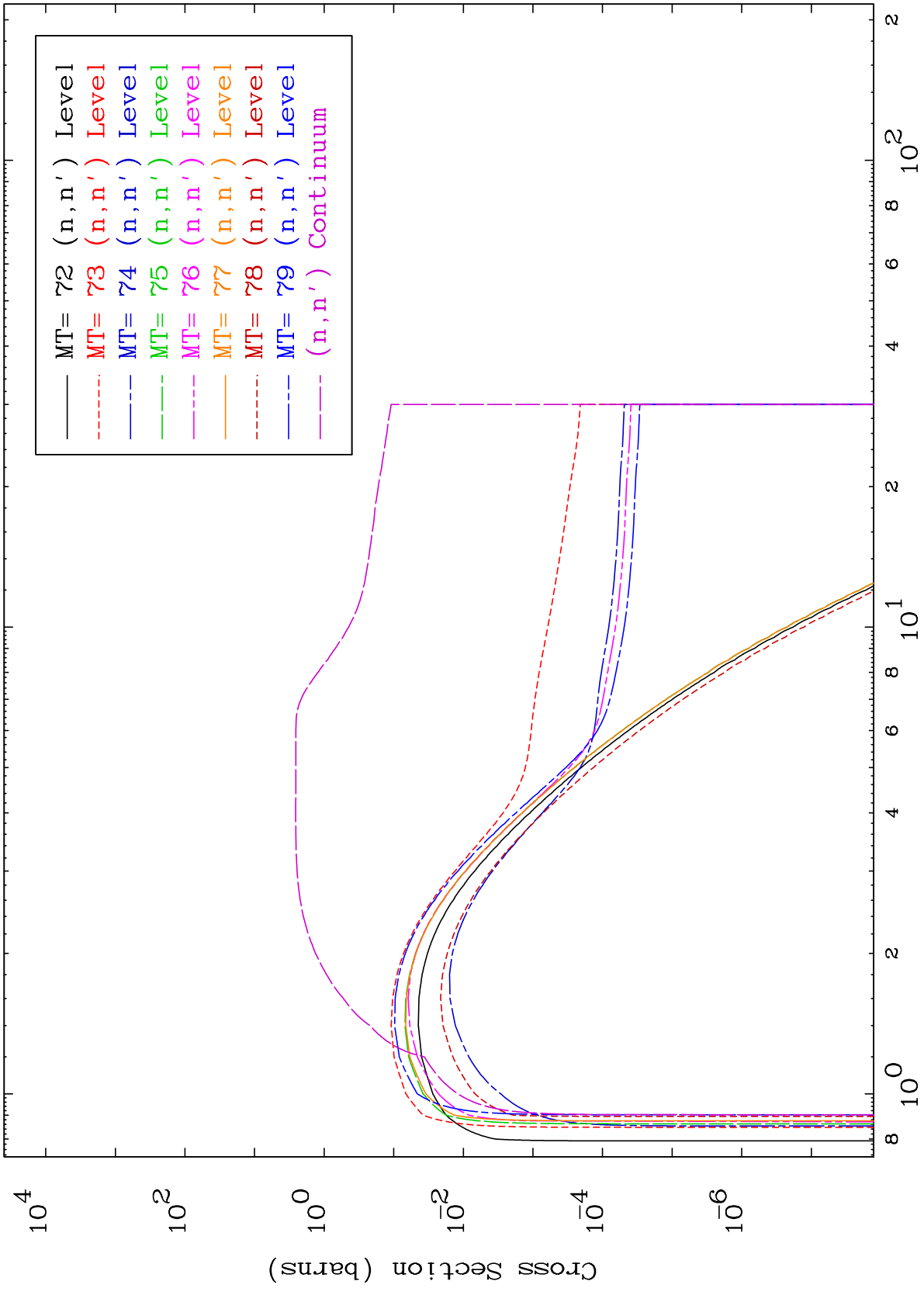
72-Hf-179

MAT 7240

(n,n') Level

72-Hf-179

293 Kelvin Cross Sections



9

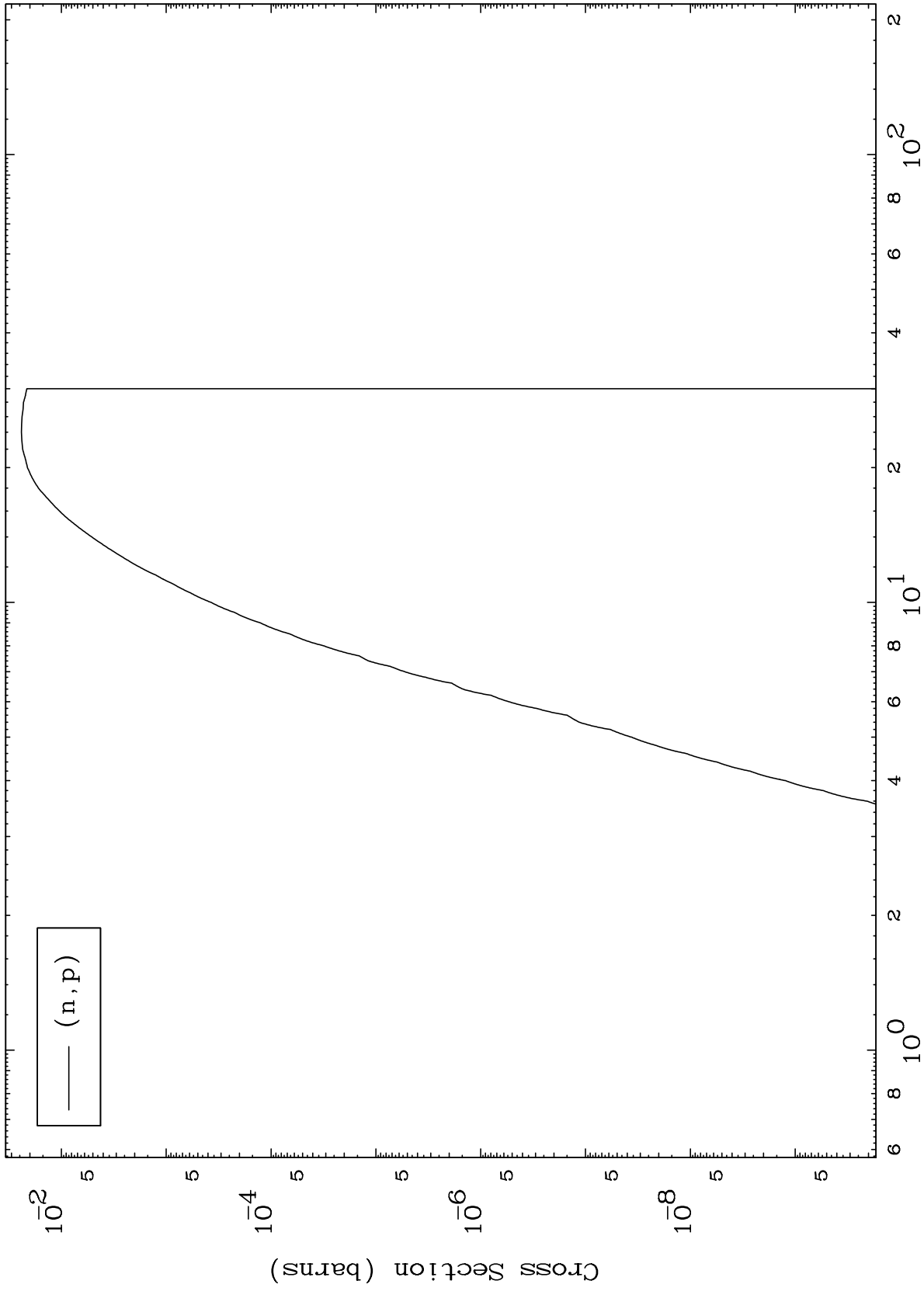
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,p) Levels  
293 Kelvin Cross Sections

72-Hf-179



10

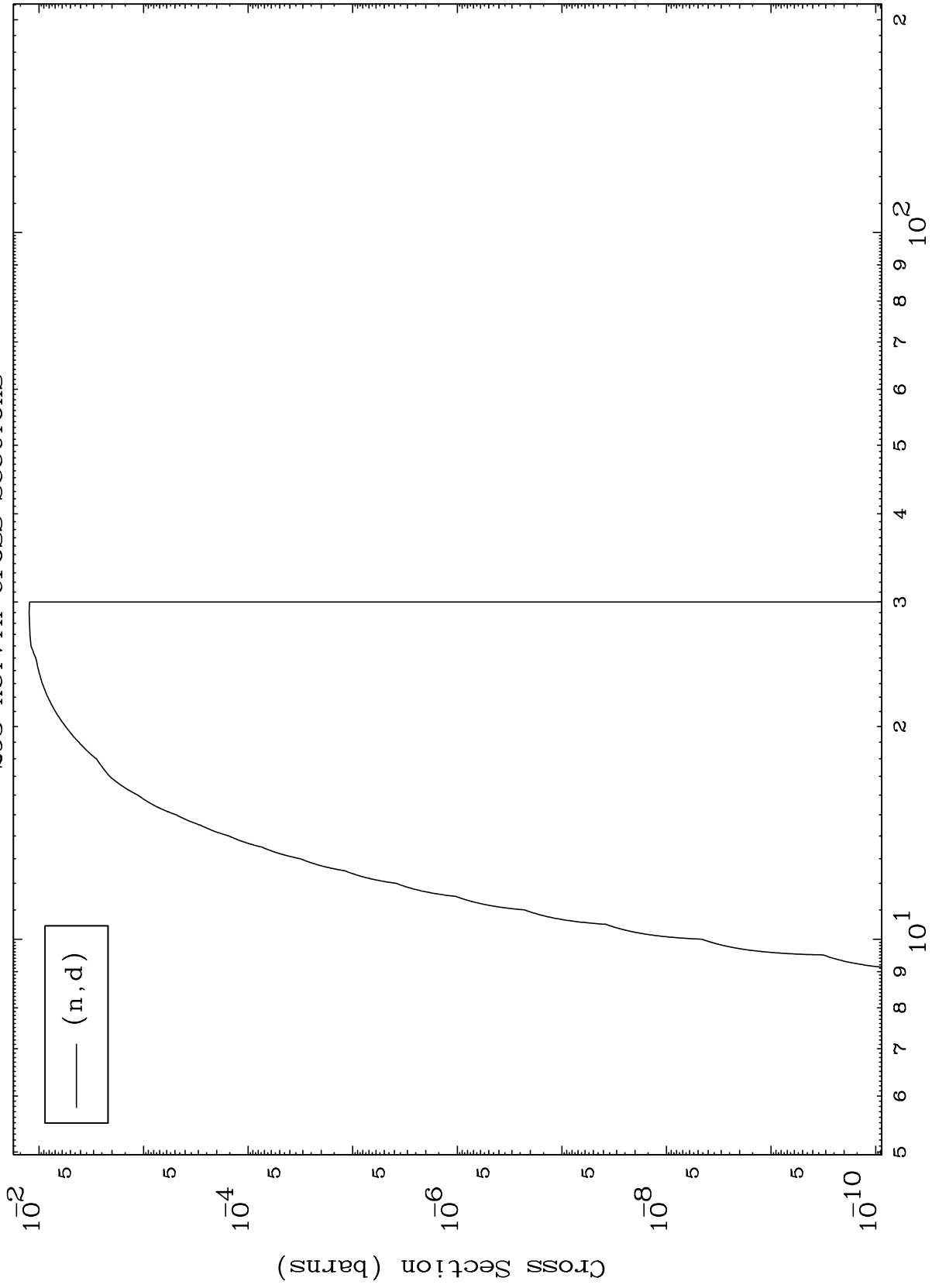
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-179



11

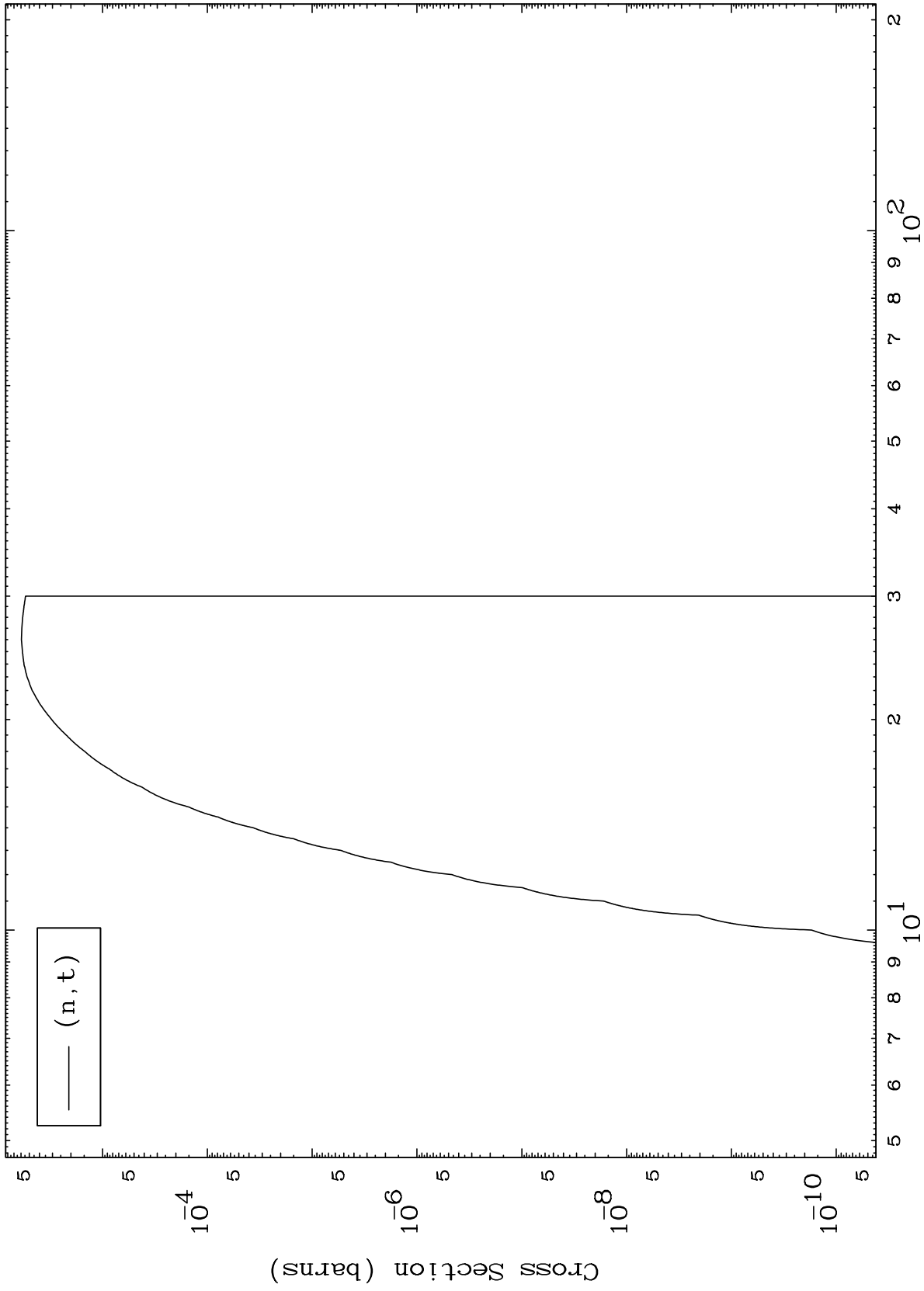
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,t) Levels  
293 Kelvin Cross Sections

72-Hf-179



12

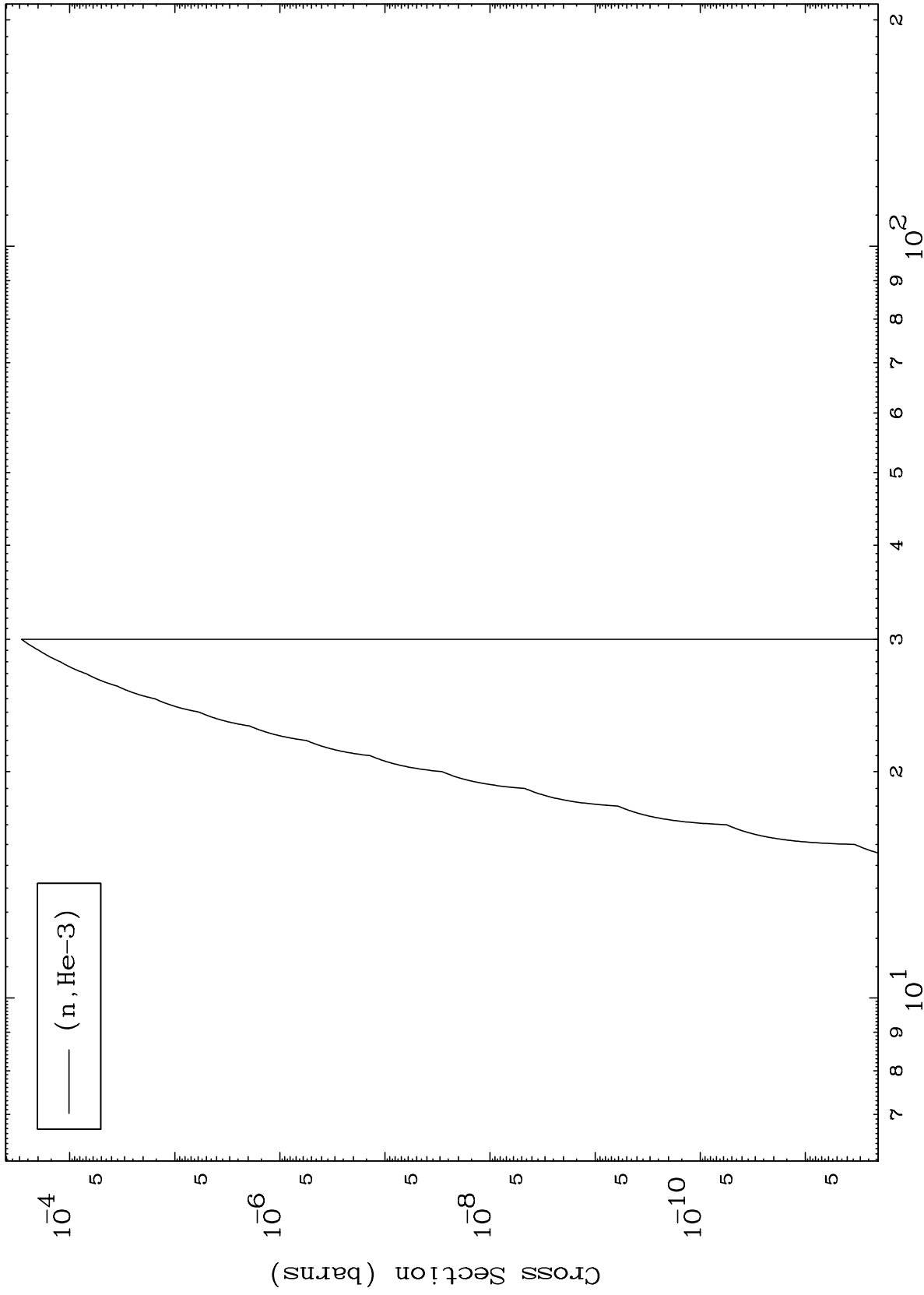
Incident Energy (MeV)

72-Hf-179

MAT 7240

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-179



13

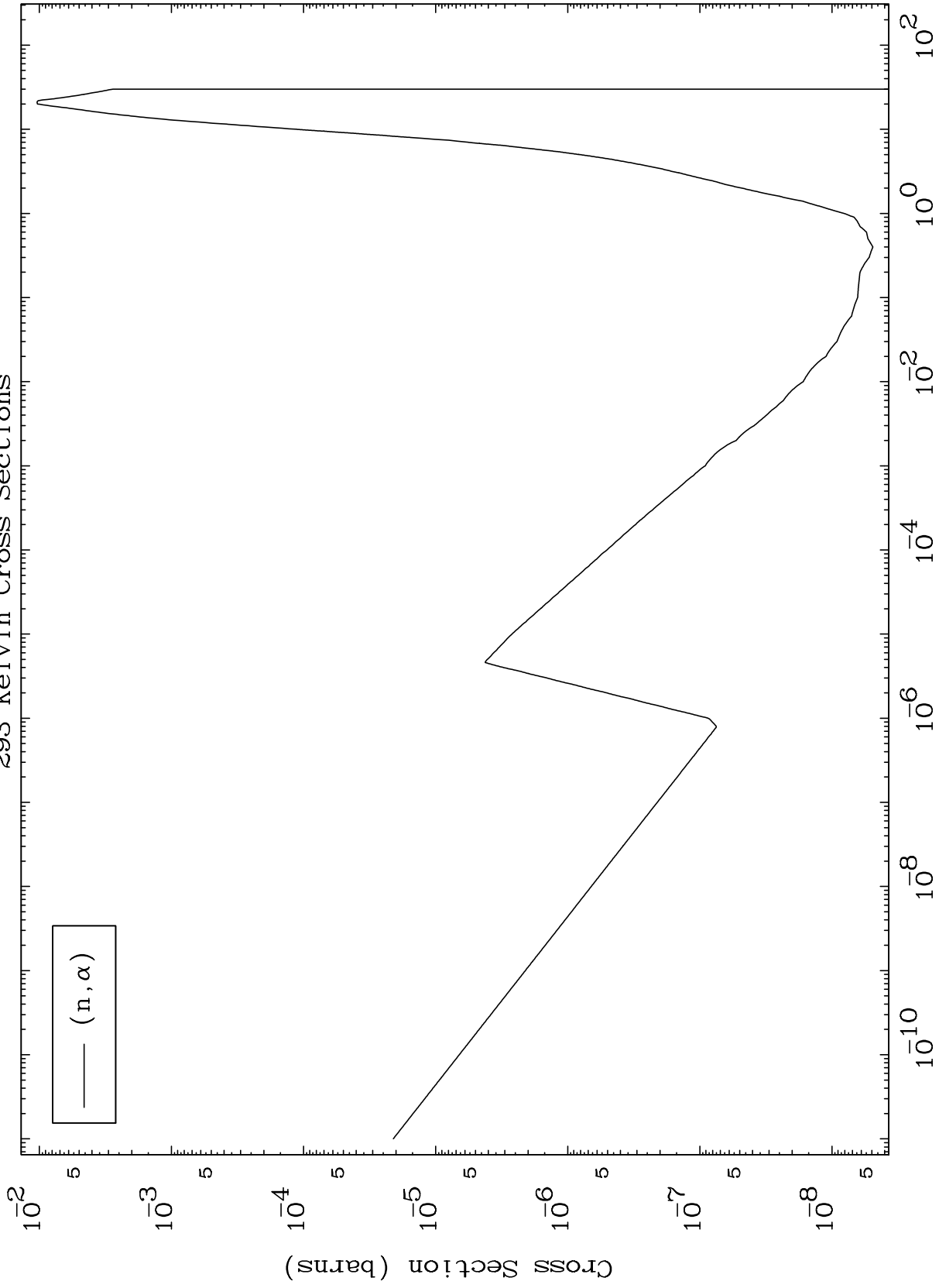
Incident Energy (MeV)

72-Hf-179

MAT 7240

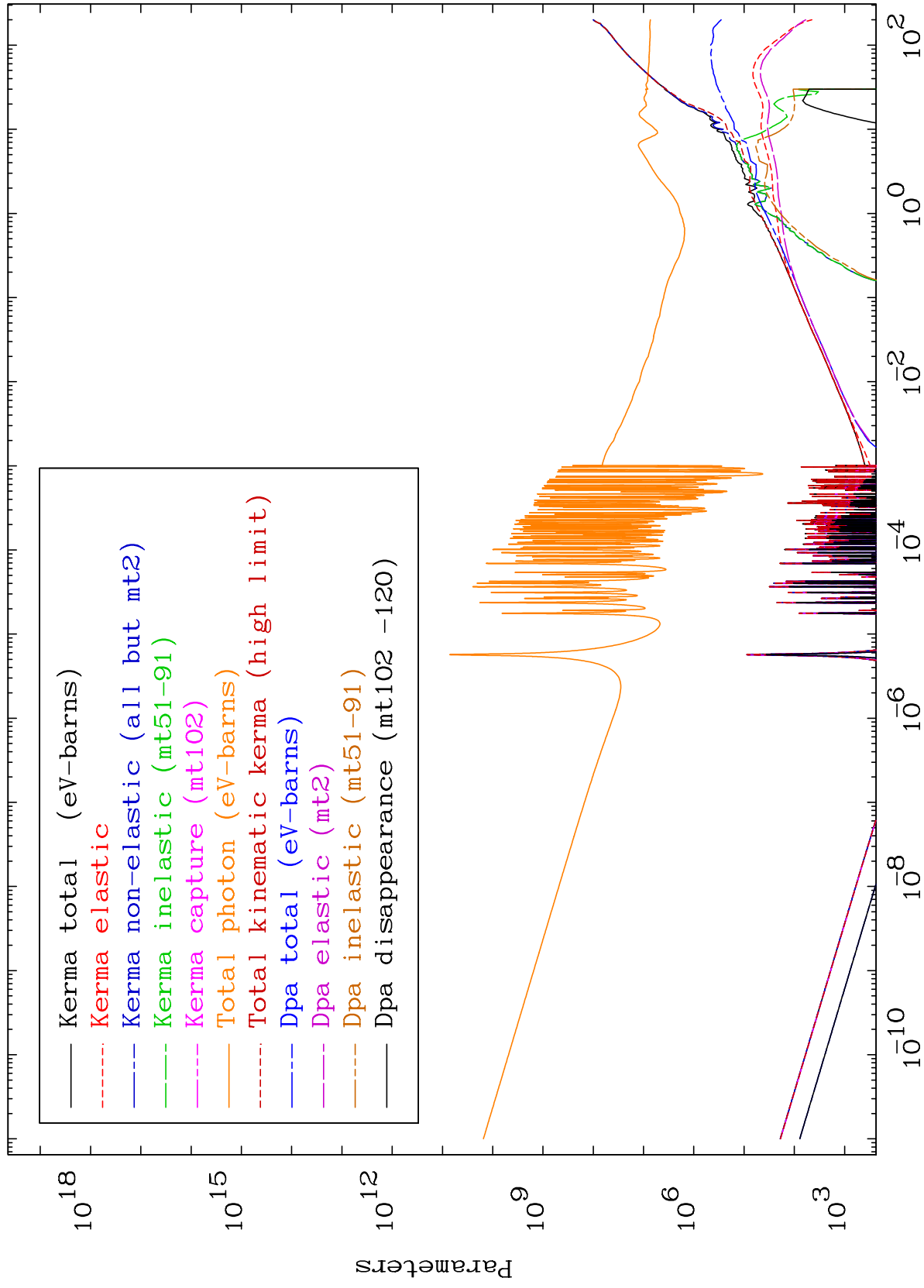
(n,α) Levels  
293 Kelvin Cross Sections

72-Hf-179



(n,α)

72-Hf-179

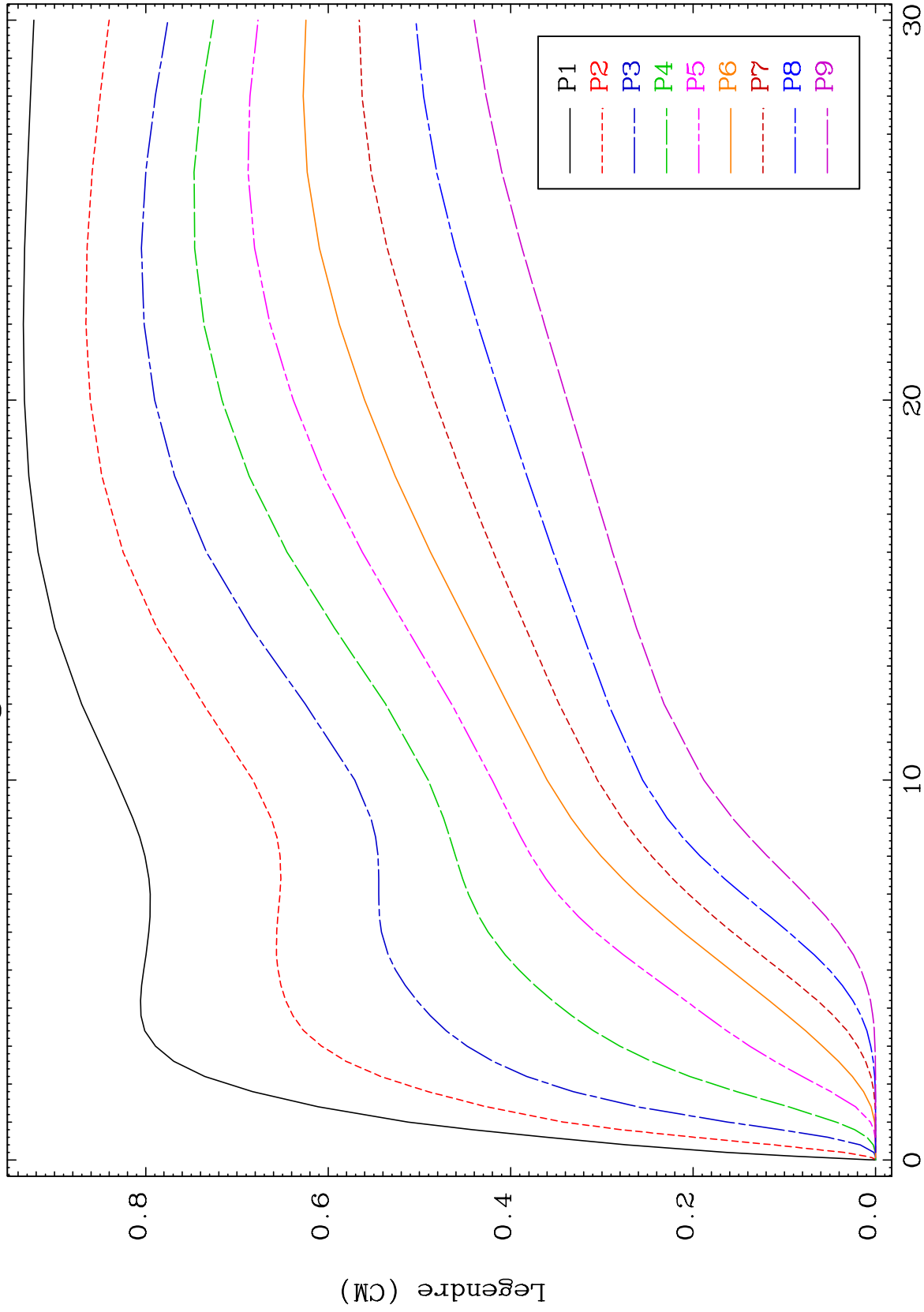




MAT 7240

Elastic Legendre Coefficients

72-Hf-179



16

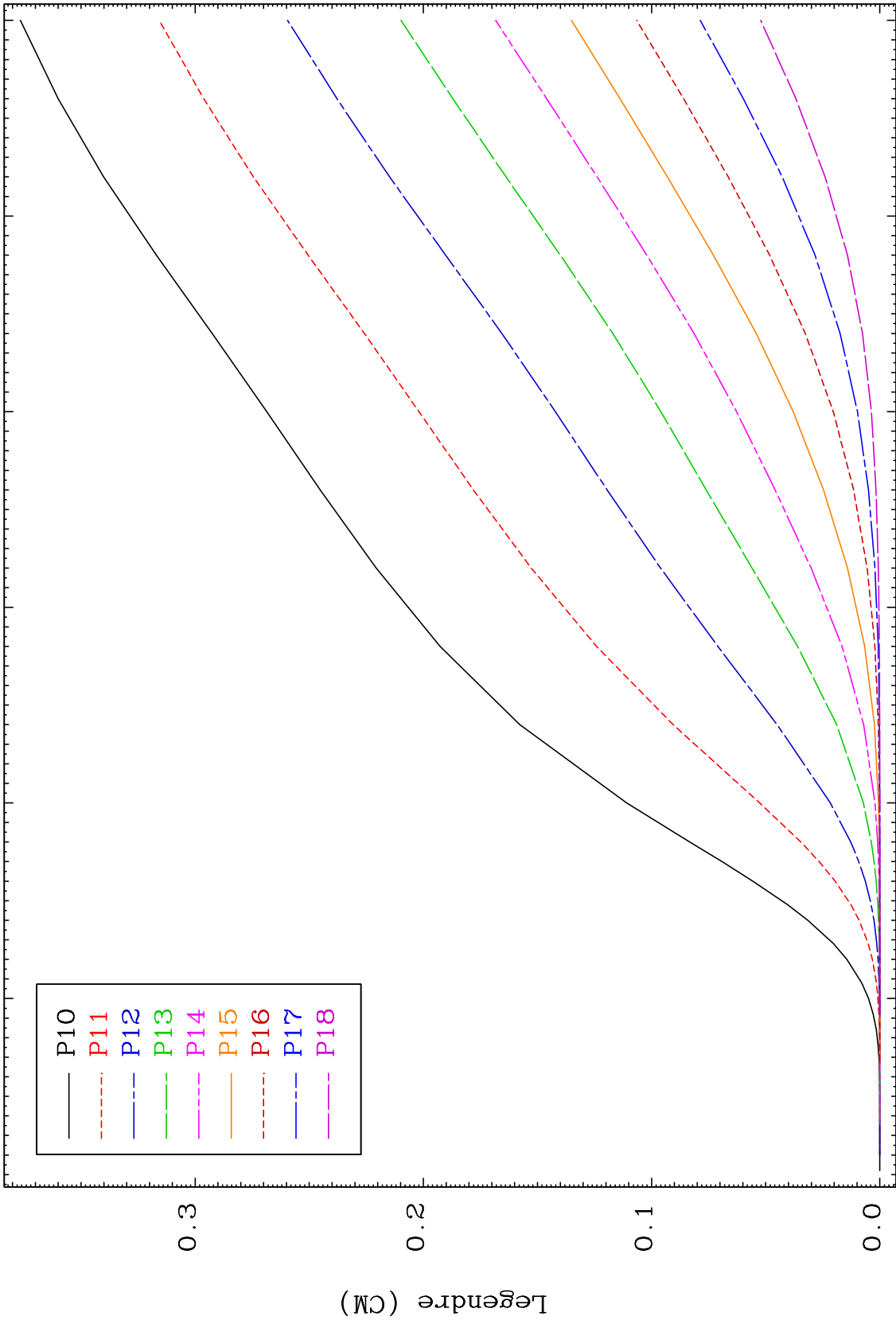
Incident Energy (MeV)

72-Hf-179

MAT 7240

Elastic Legendre Coefficients

72-Hf-179



17

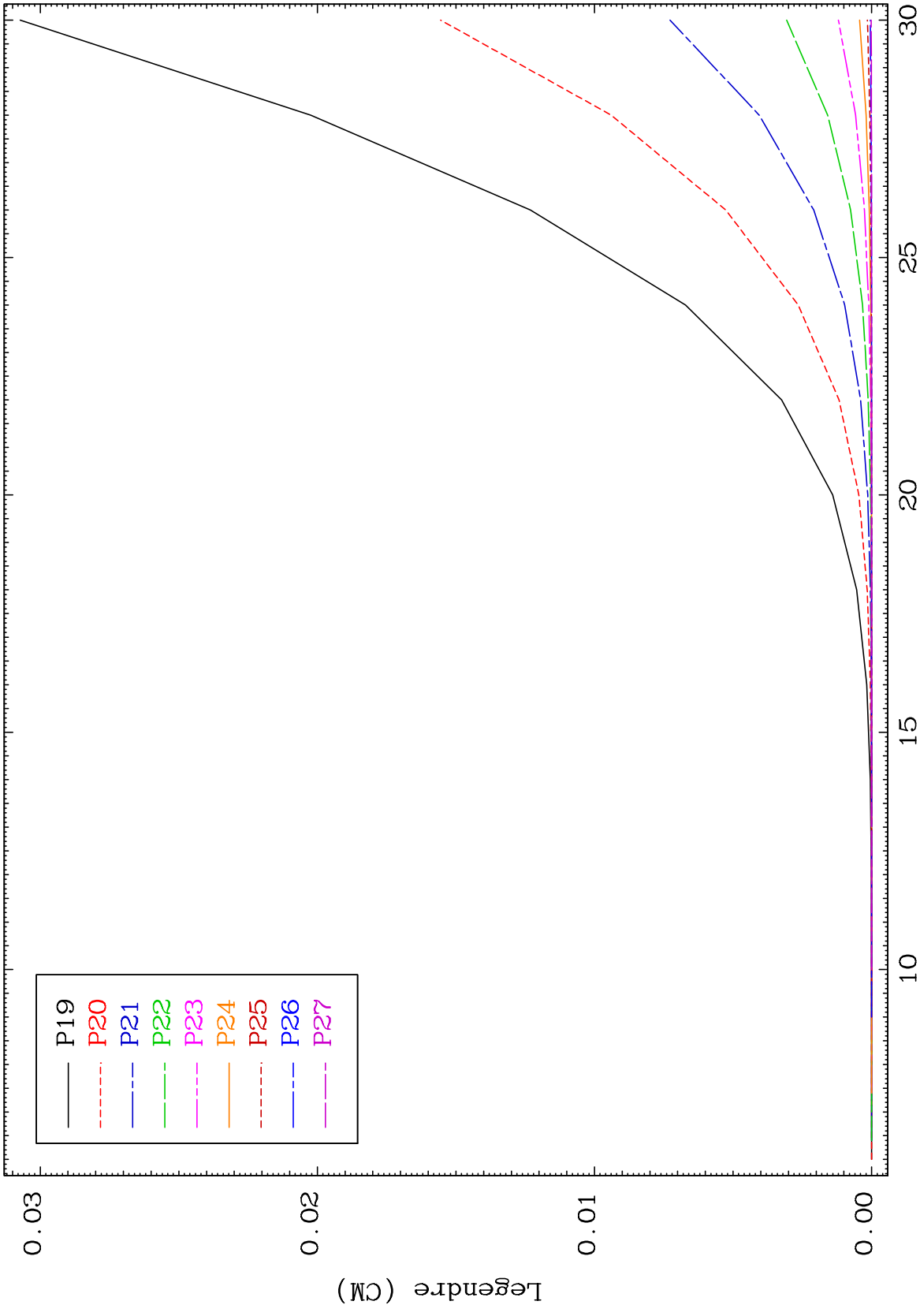
Incident Energy (MeV)

72-Hf-179

MAT 7240

Elastic Legendre Coefficients

72-Hf-179



18

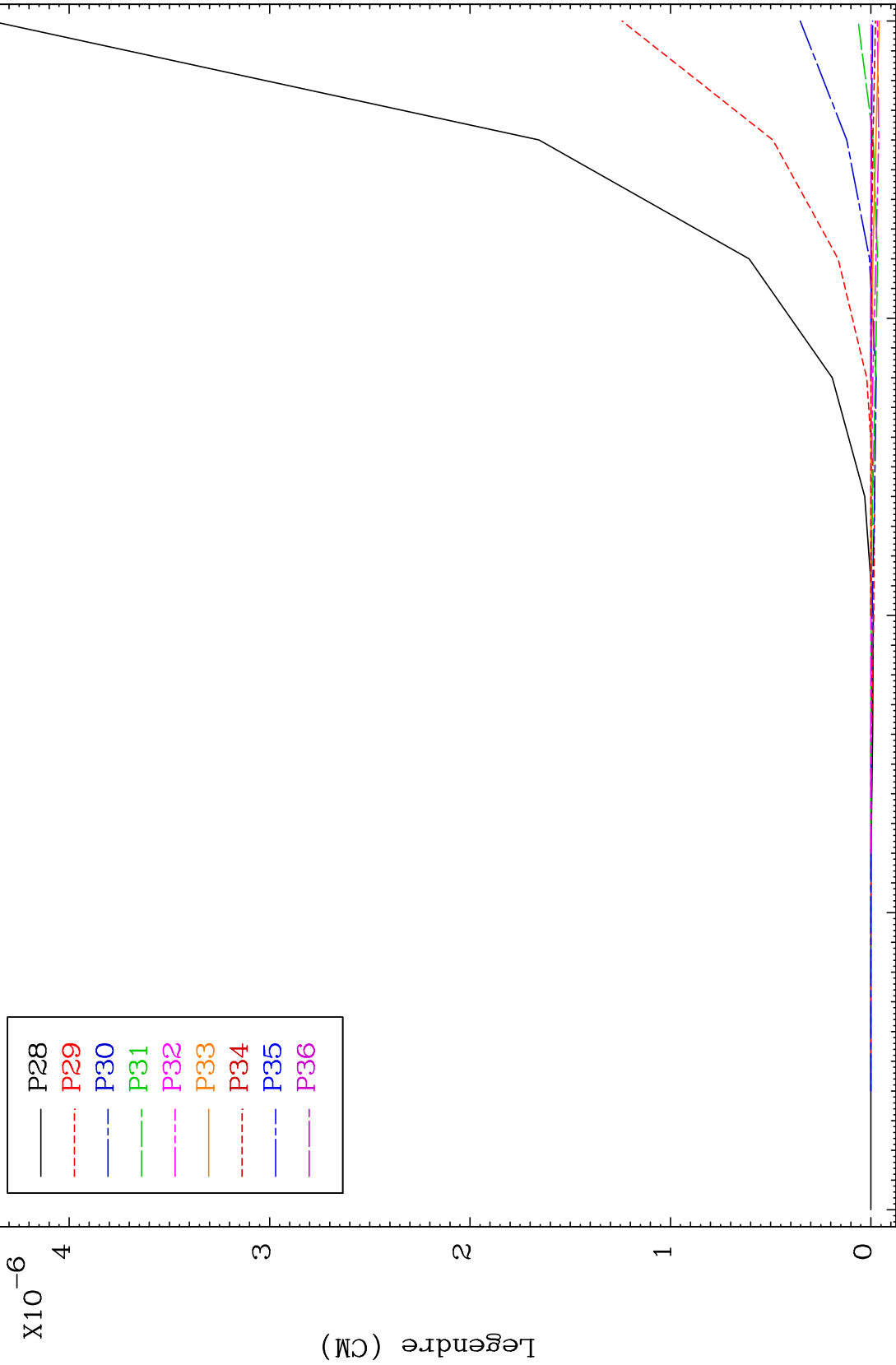
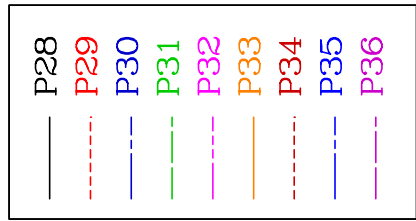
Incident Energy (MeV)

72-Hf-179

MAT 7240

Elastic Legendre Coefficients

72-Hf-179



19

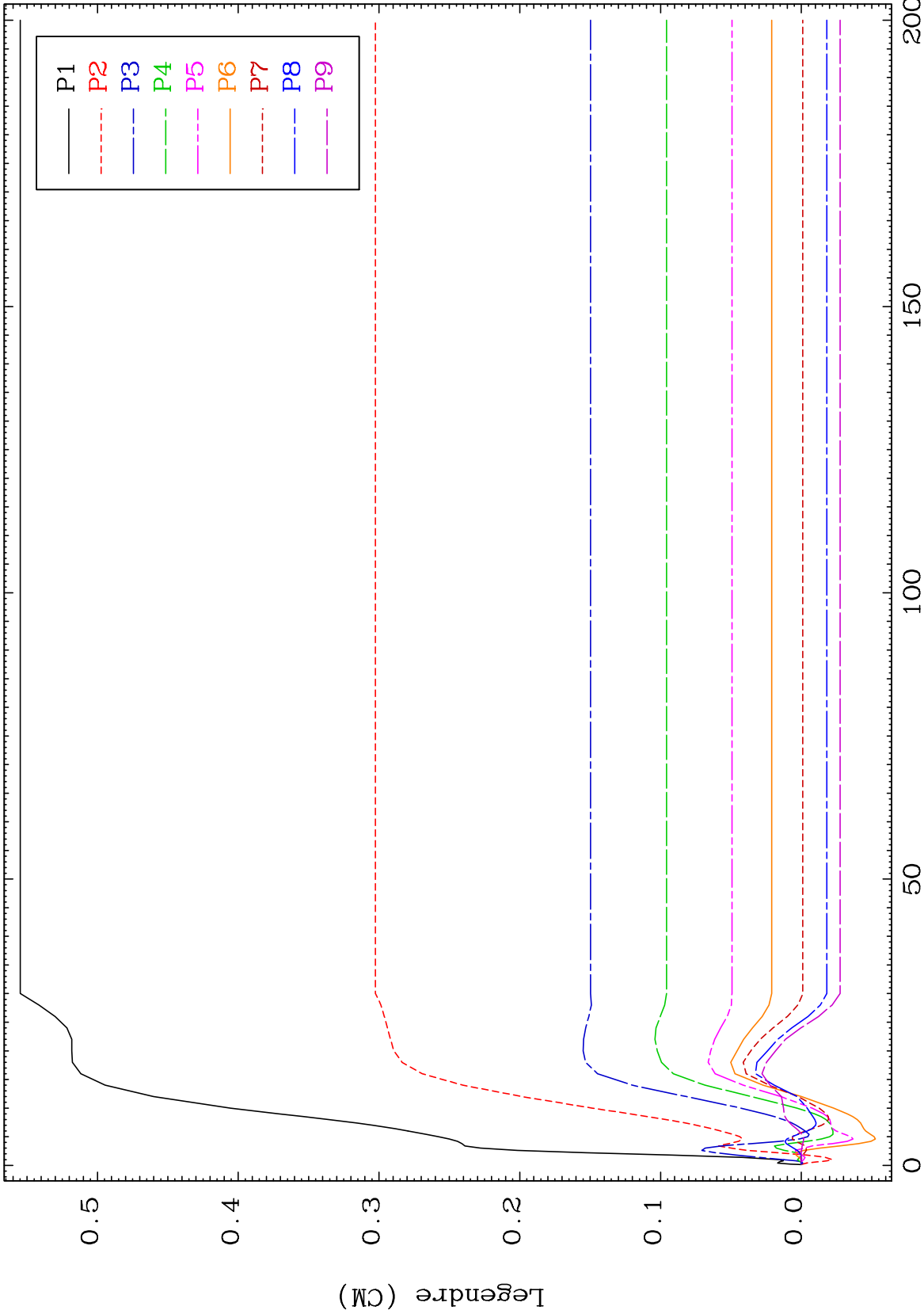
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



20

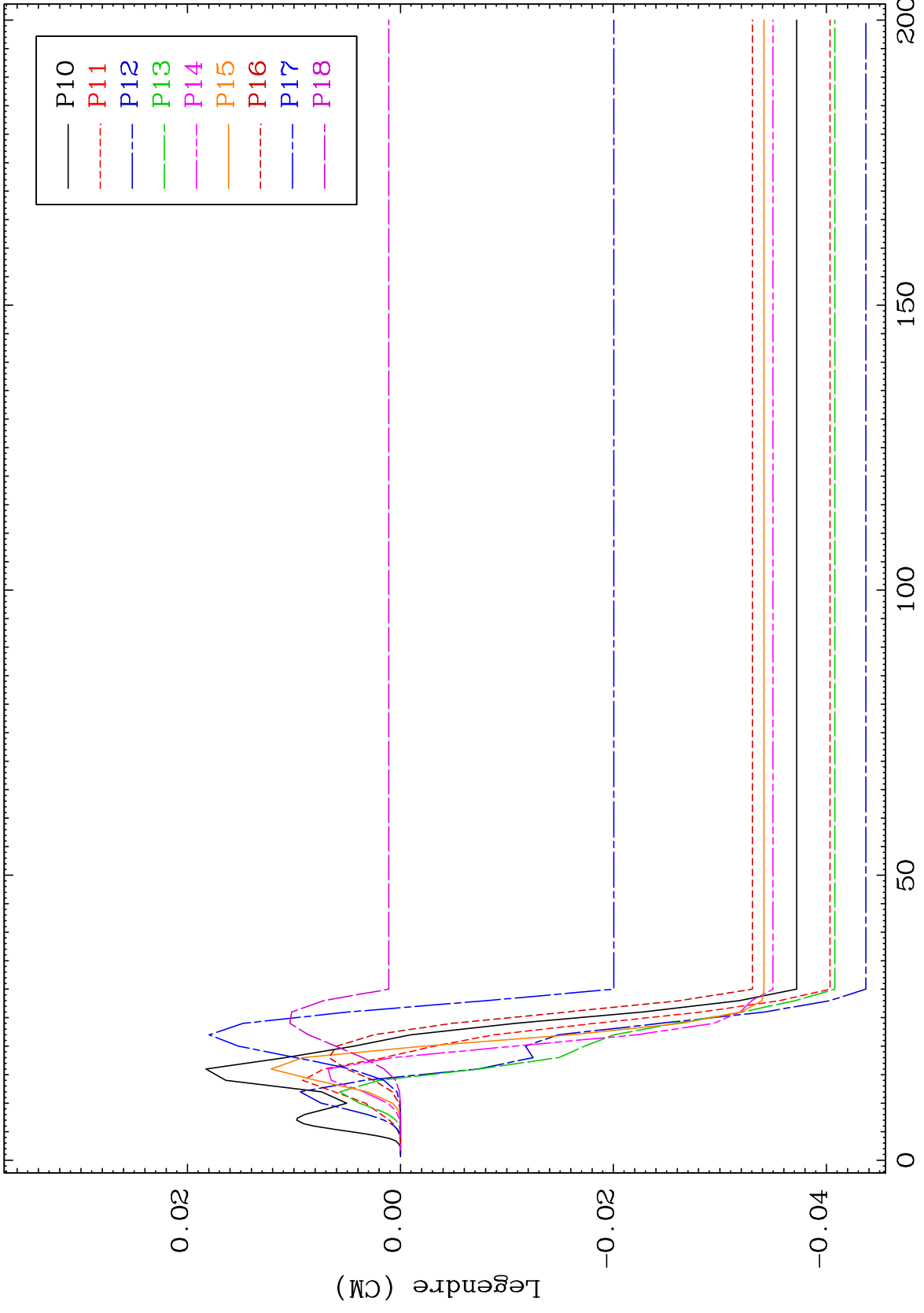
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



21

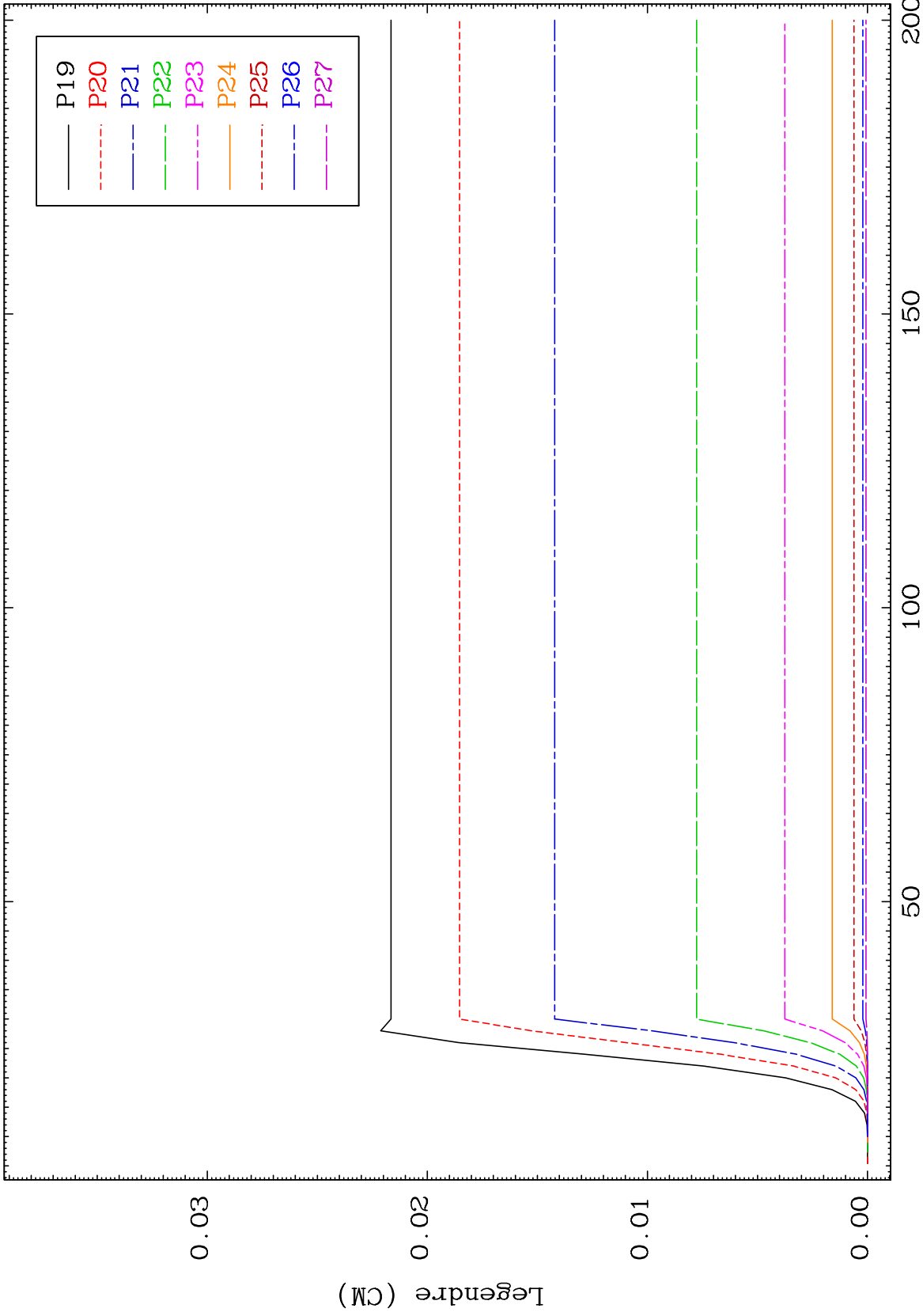
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



22

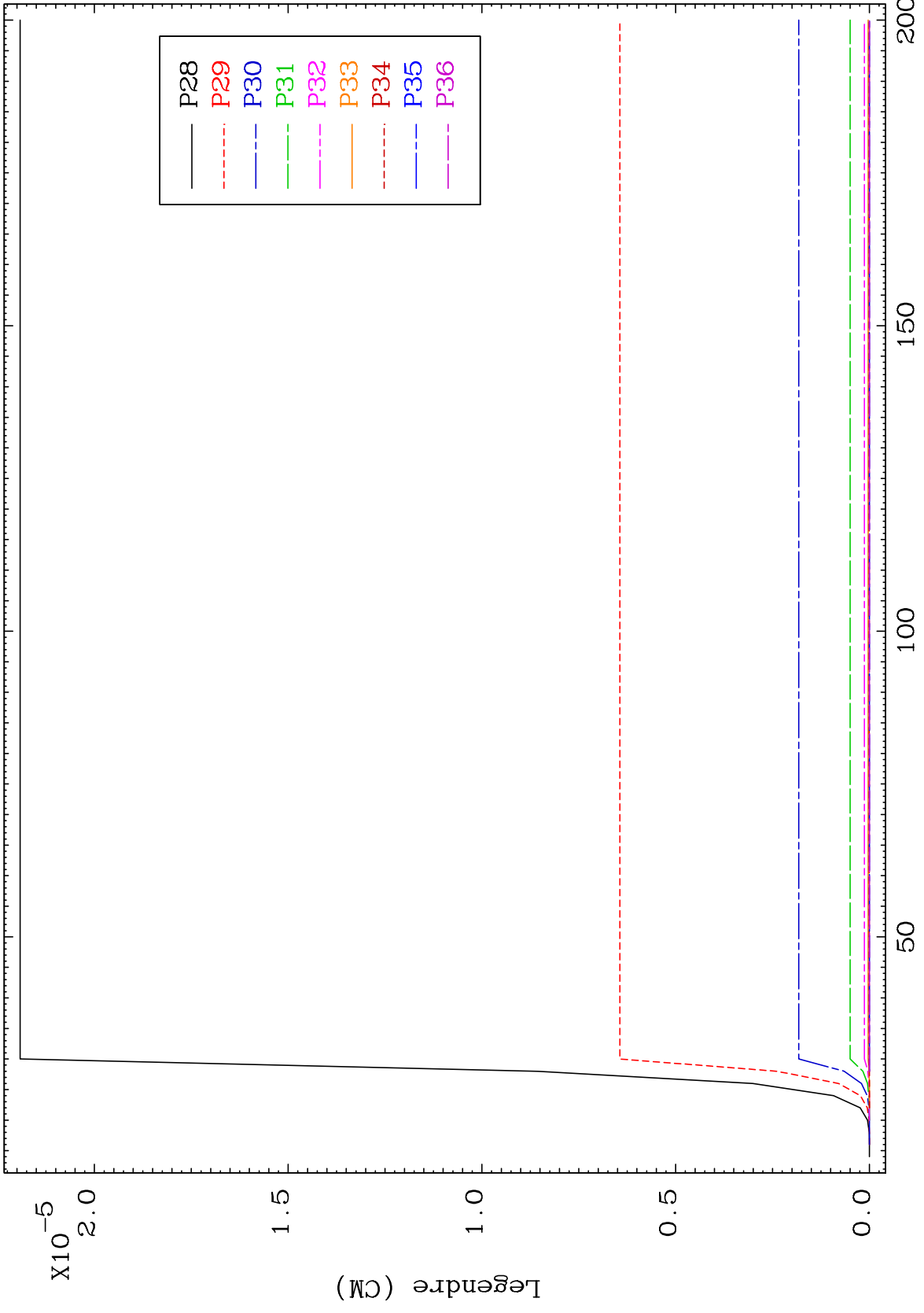
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



23

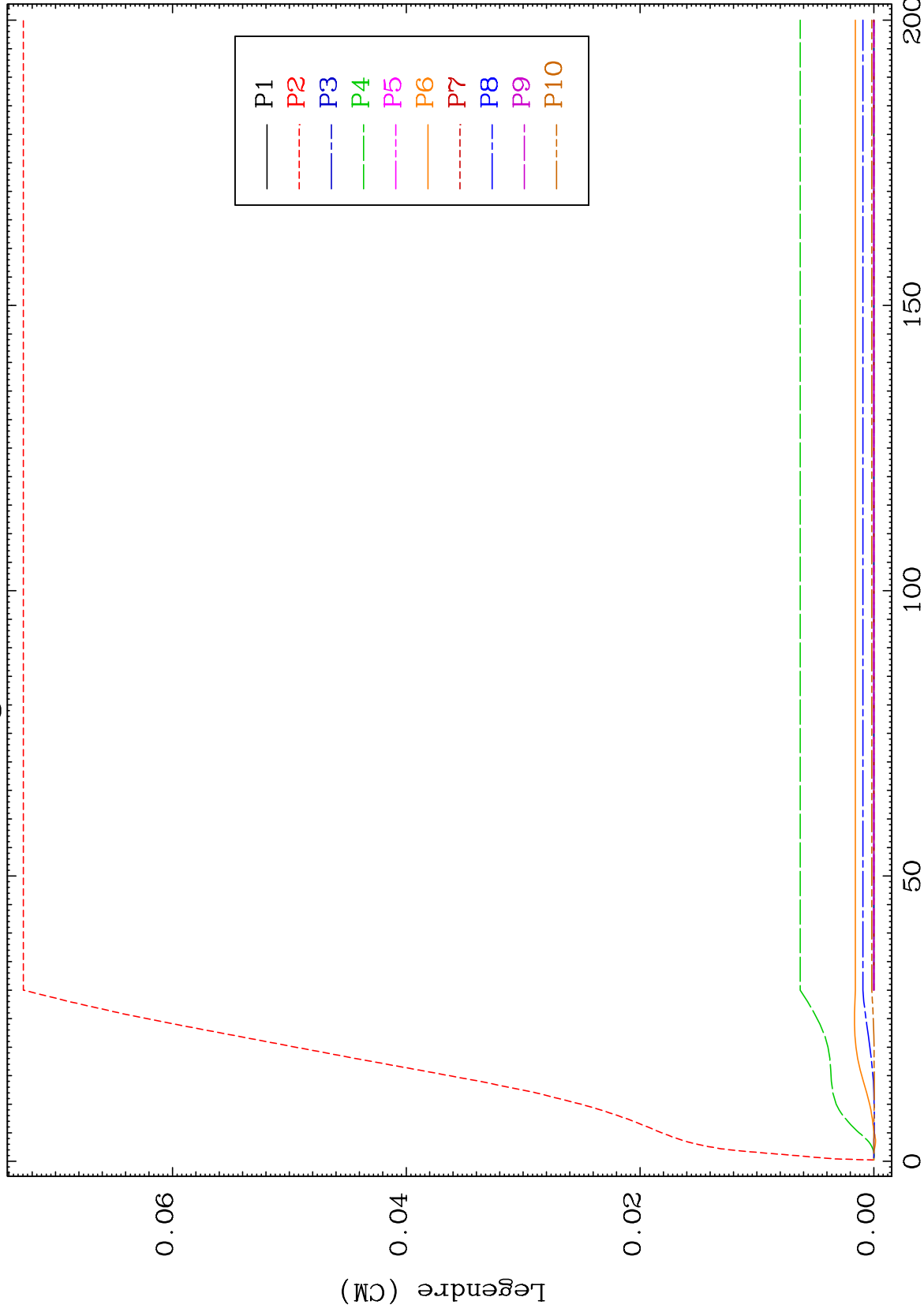
72-Hf-179



MAT 7240

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

72-Hf-179



24

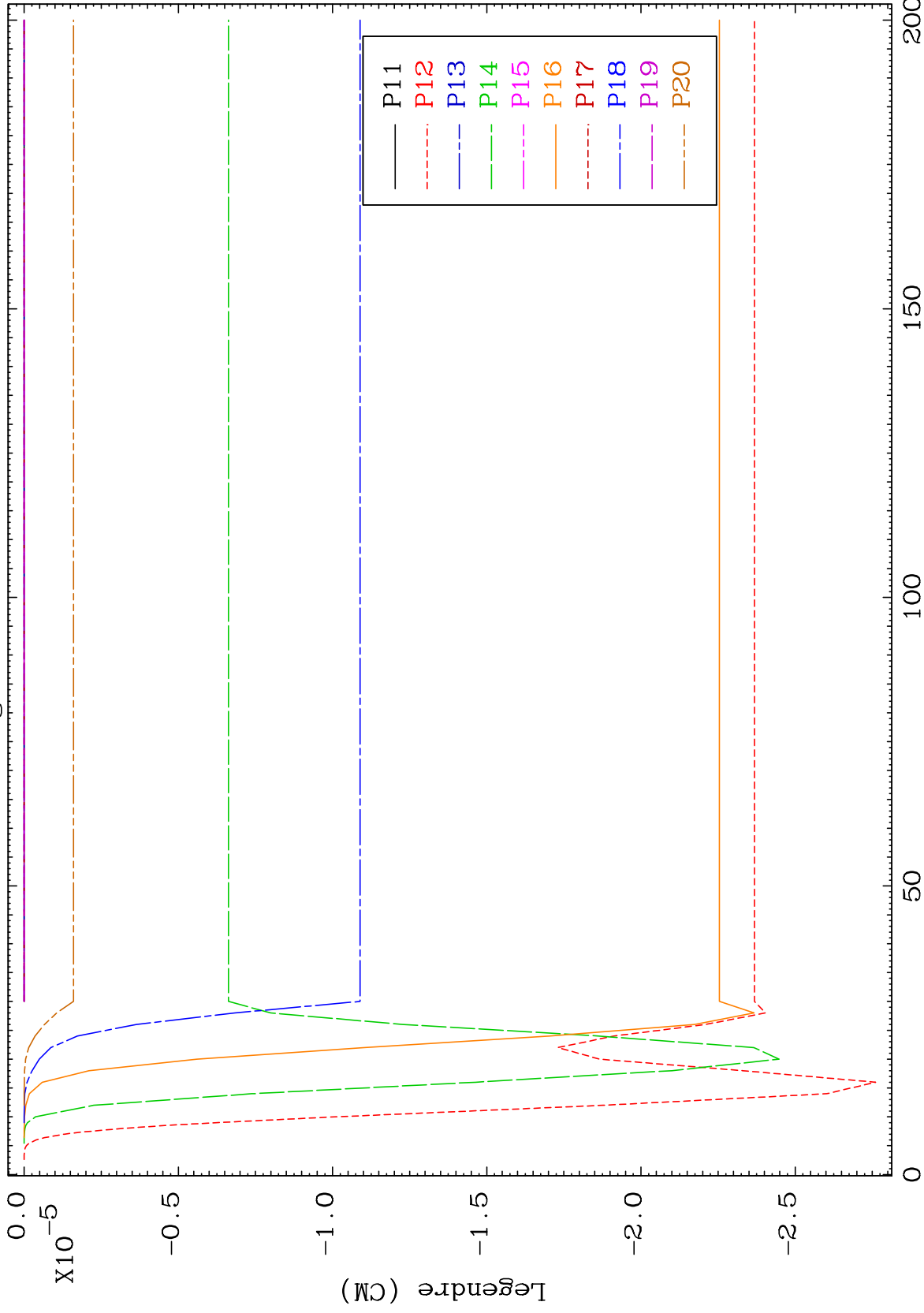
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



72-Hf-179

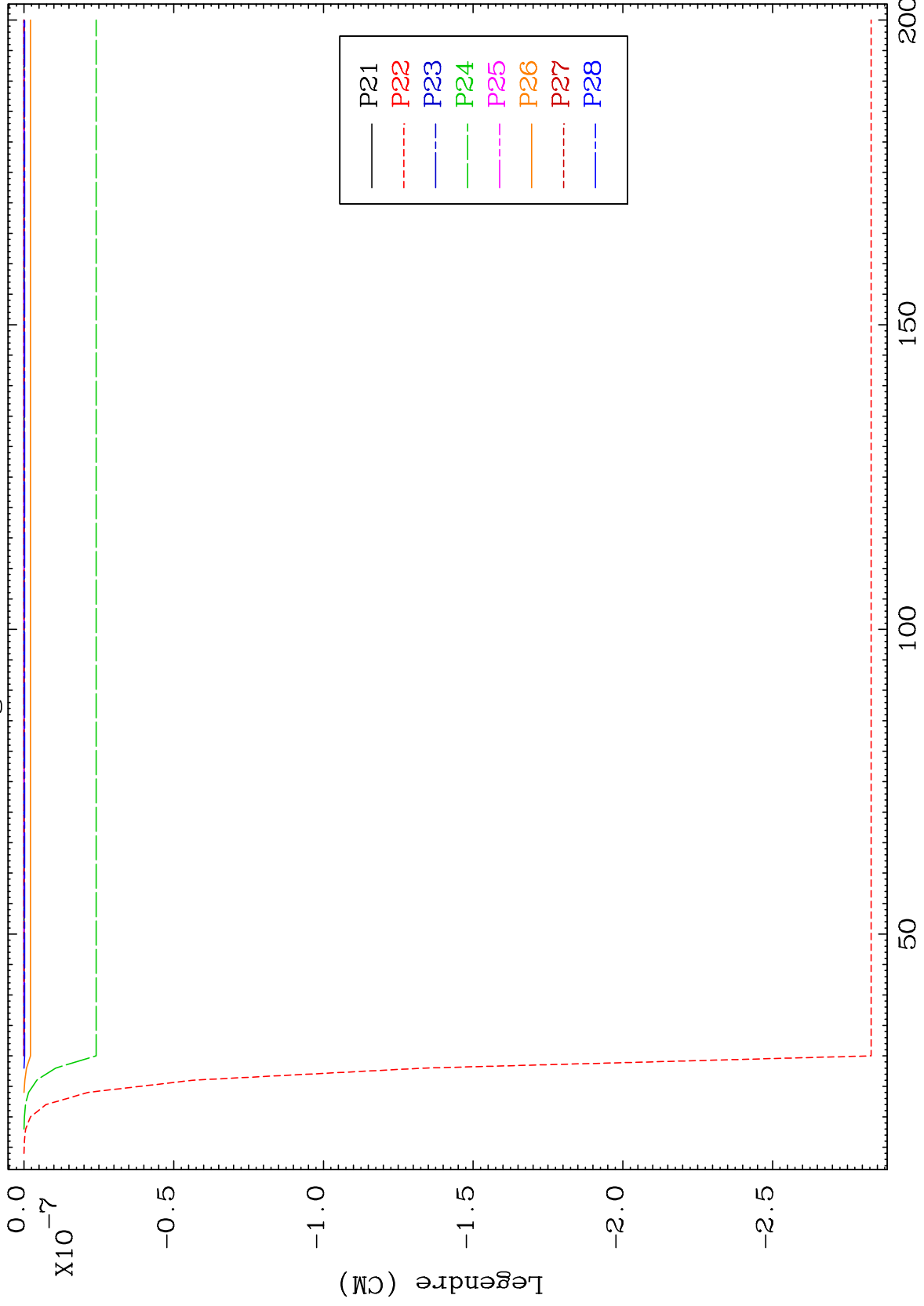
Incident Energy (MeV)

25

MAT 7240

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

72-Hf-179



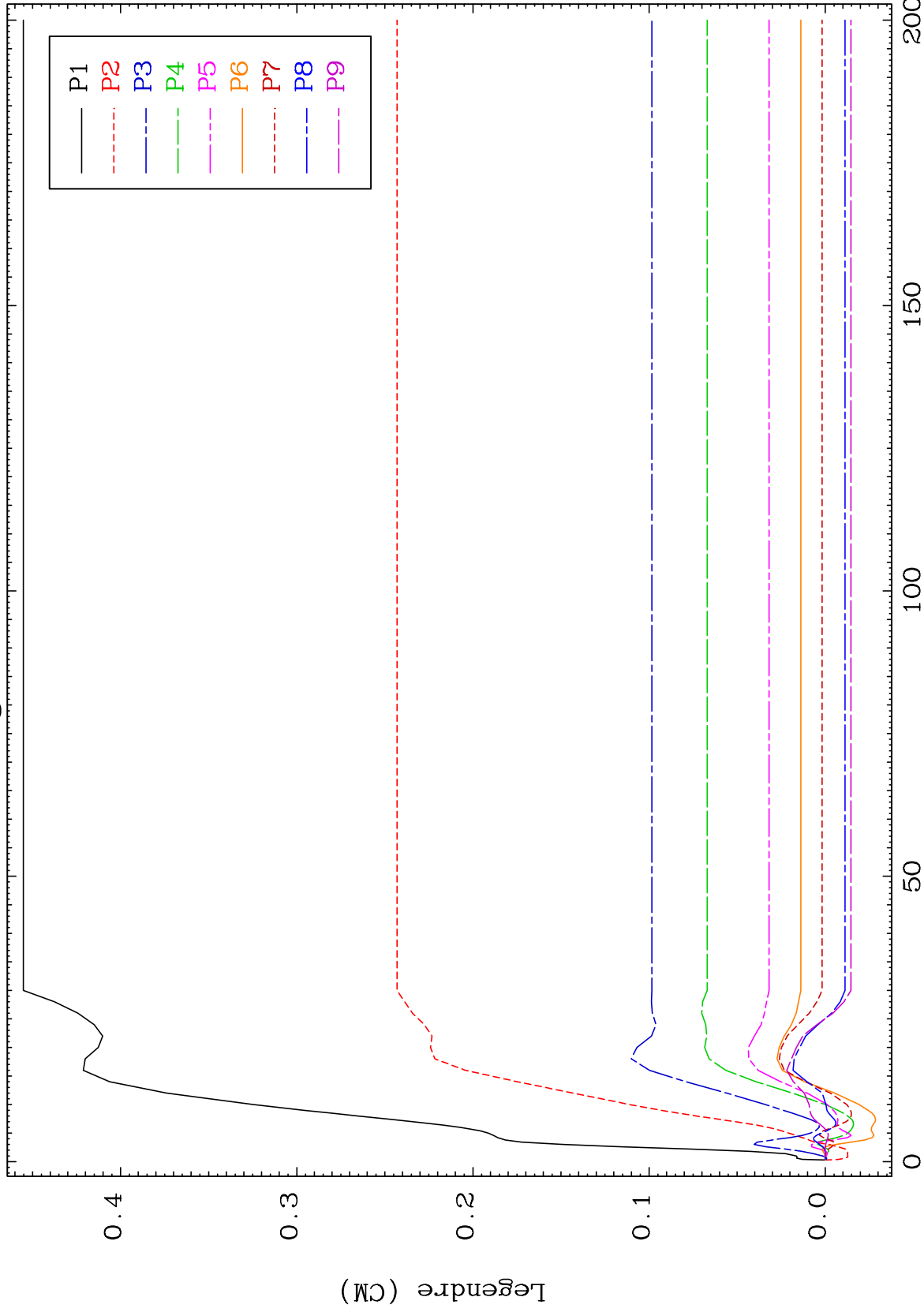
26

72-Hf-179

MAT 7240

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

72-Hf-179



27

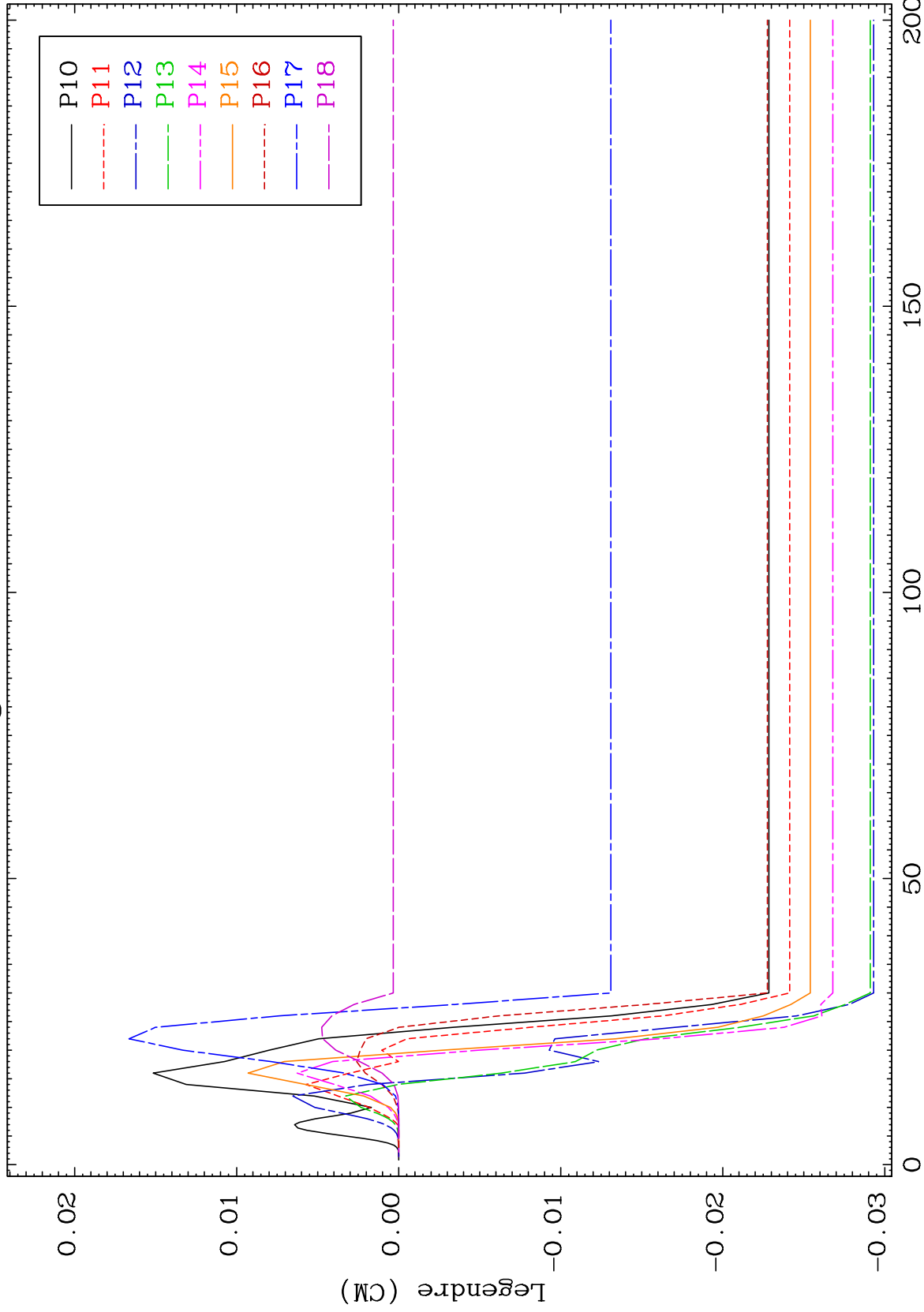
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

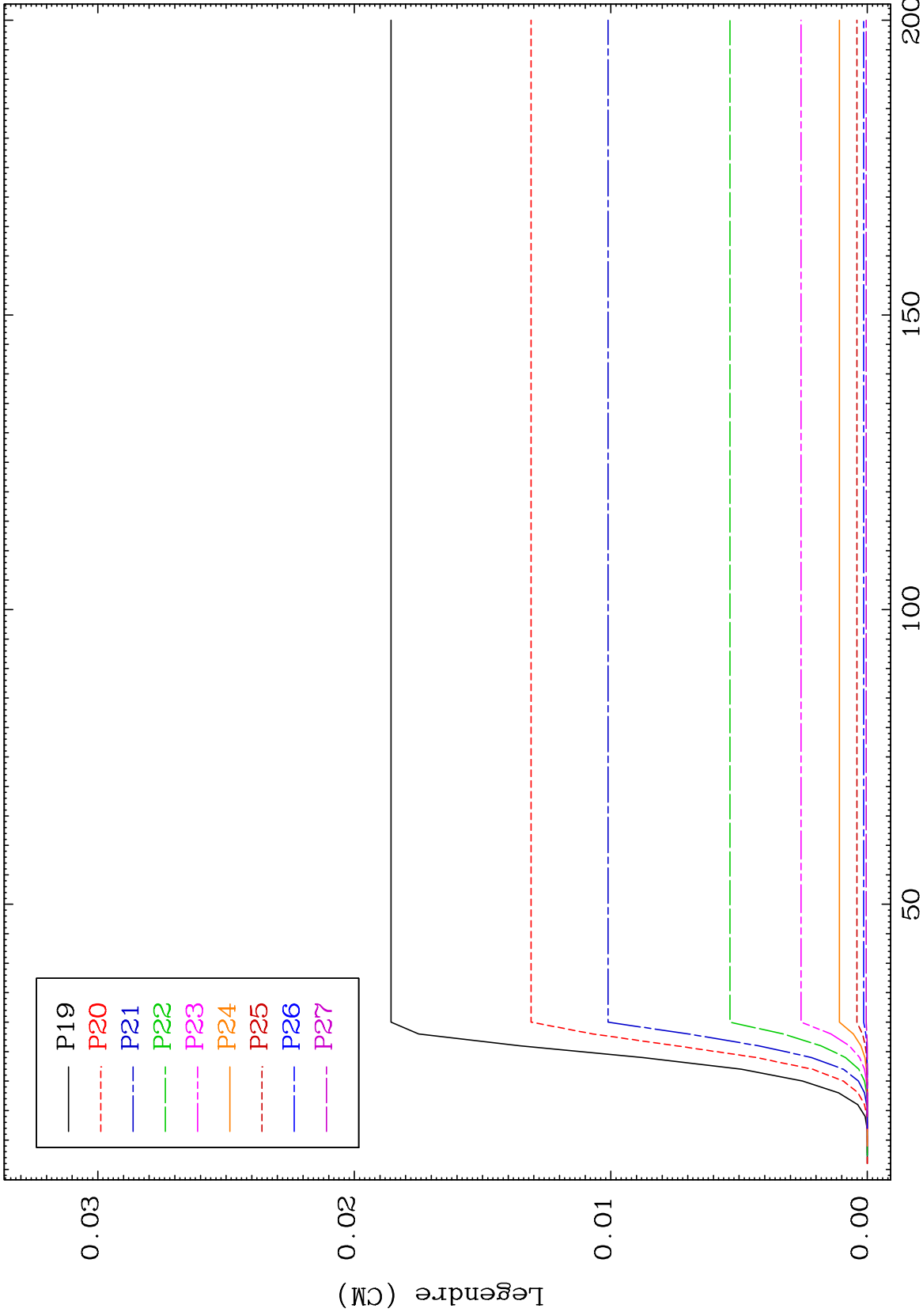
72-Hf-179



28

Incident Energy (MeV)

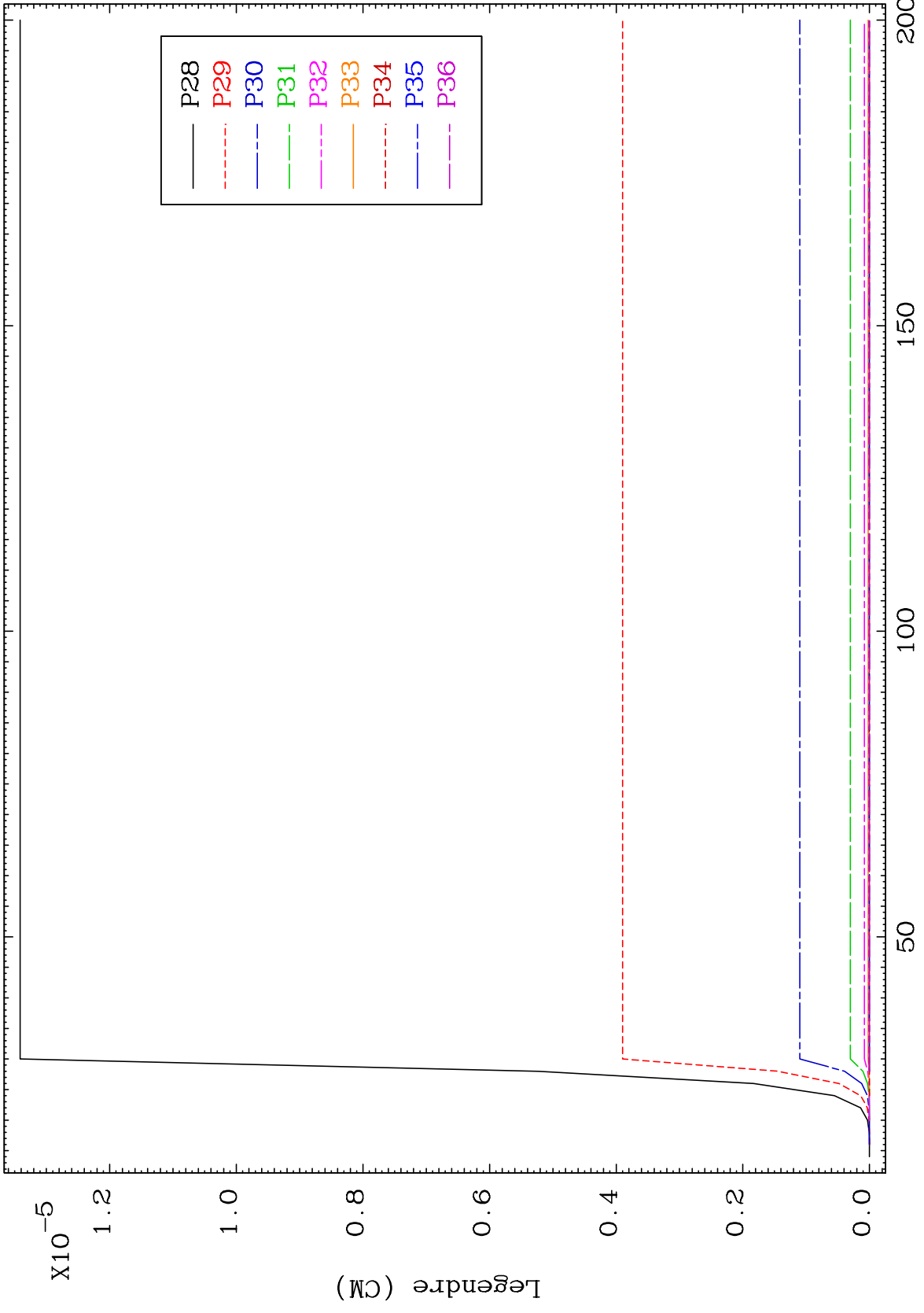
72-Hf-179



MAT 7240

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

72-Hf-179



30

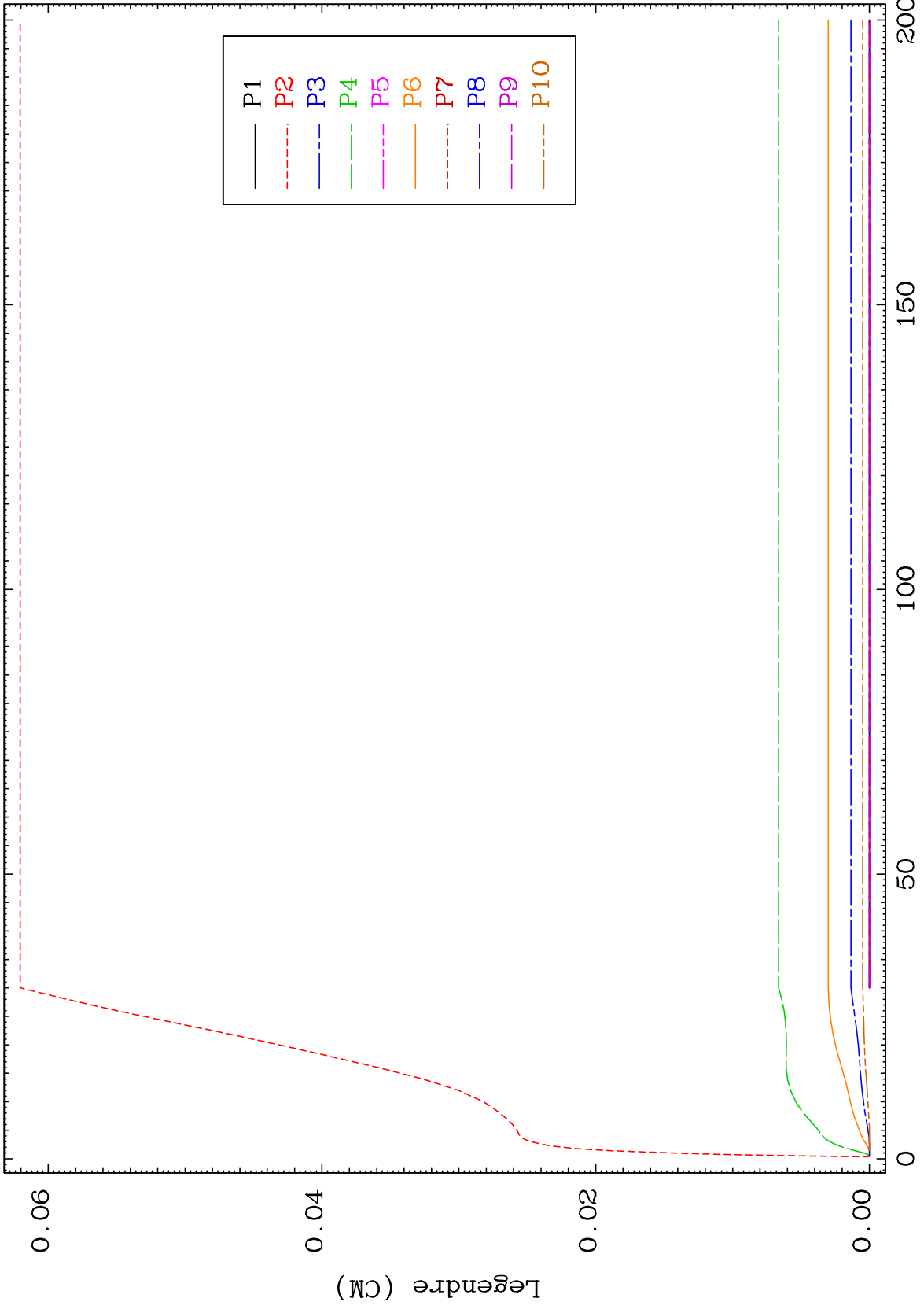
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



31

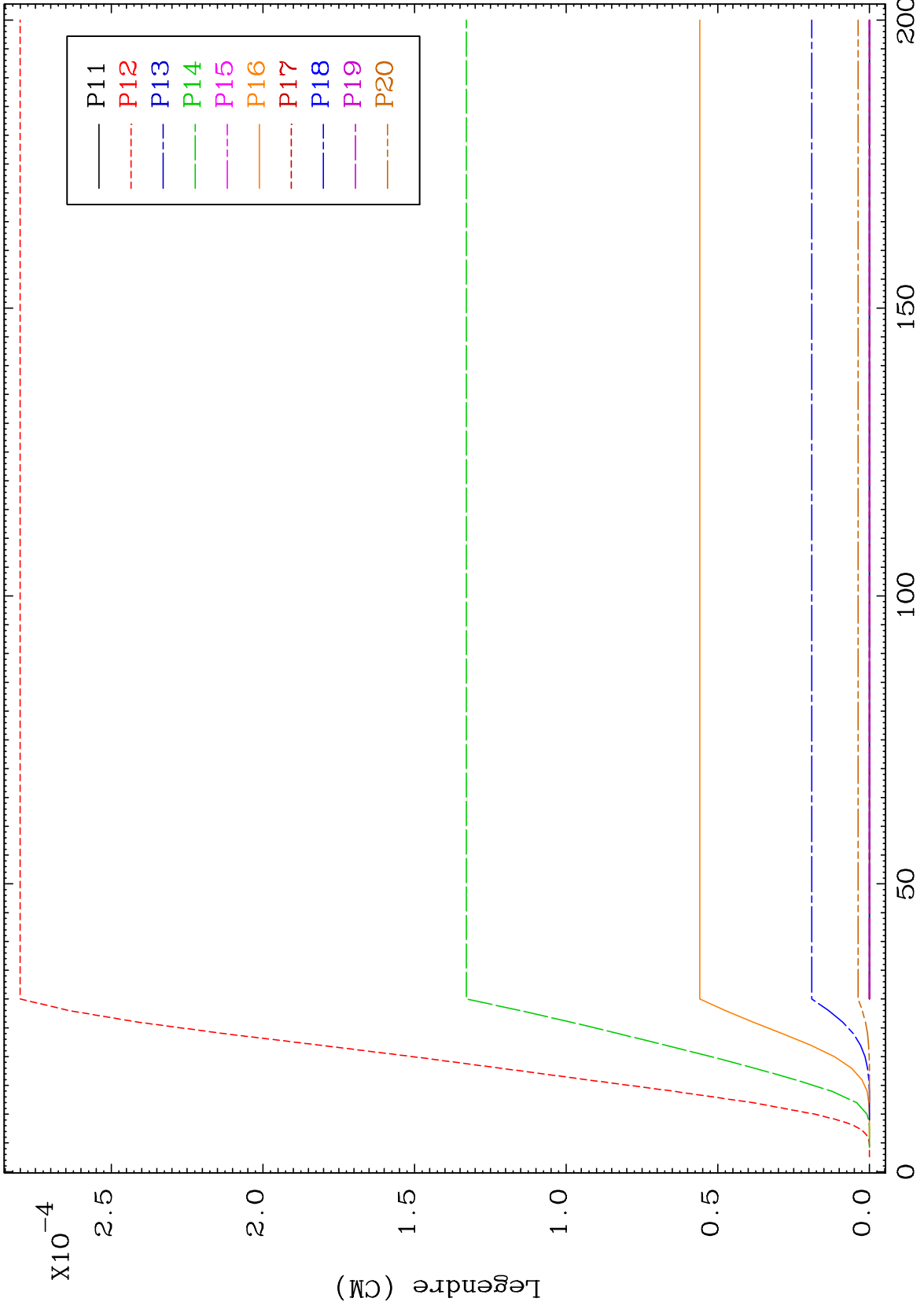
72-Hf-179



MAT 7240

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

72-Hf-179



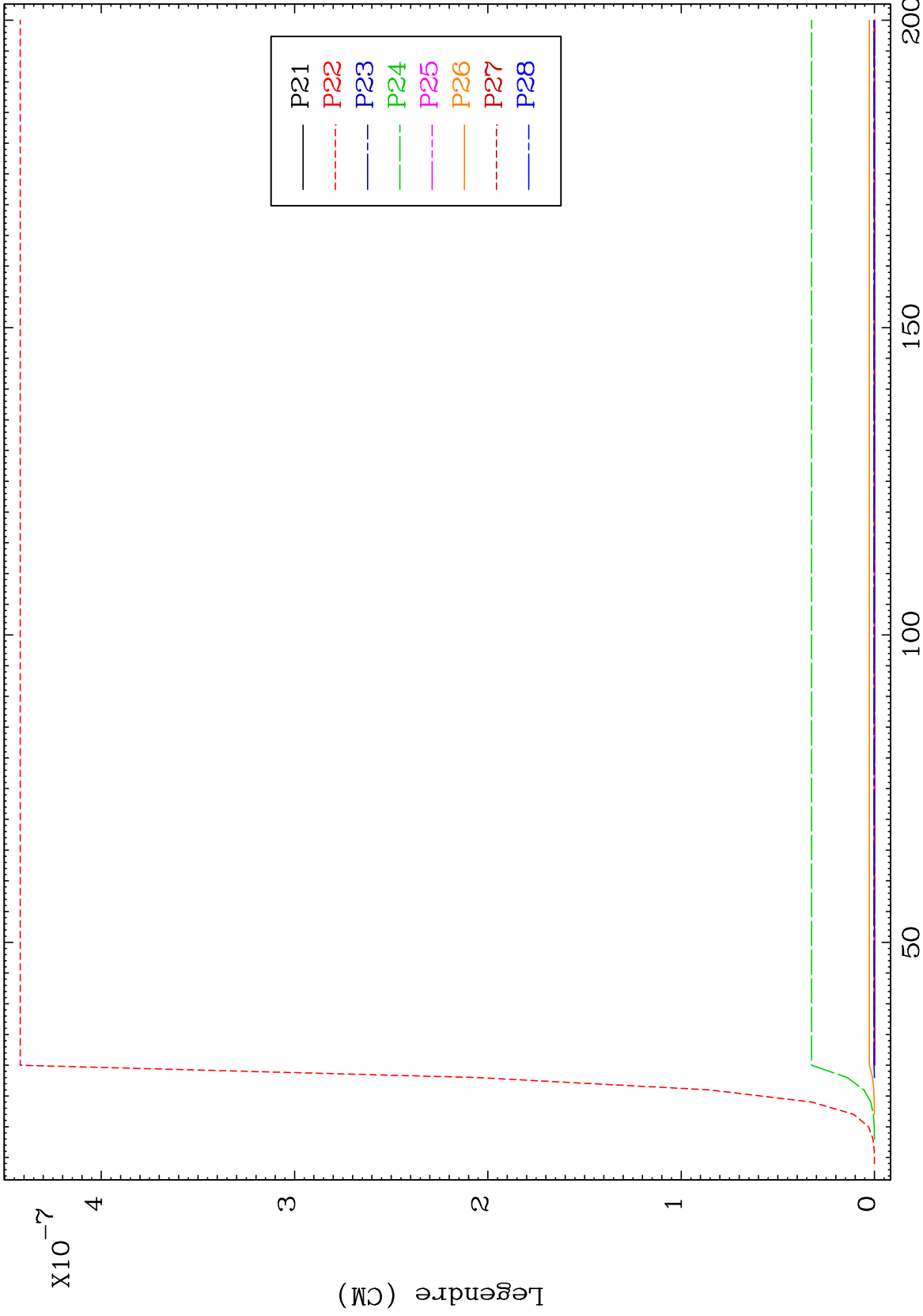
32

72-Hf-179

MAT 7240

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

72-Hf-179



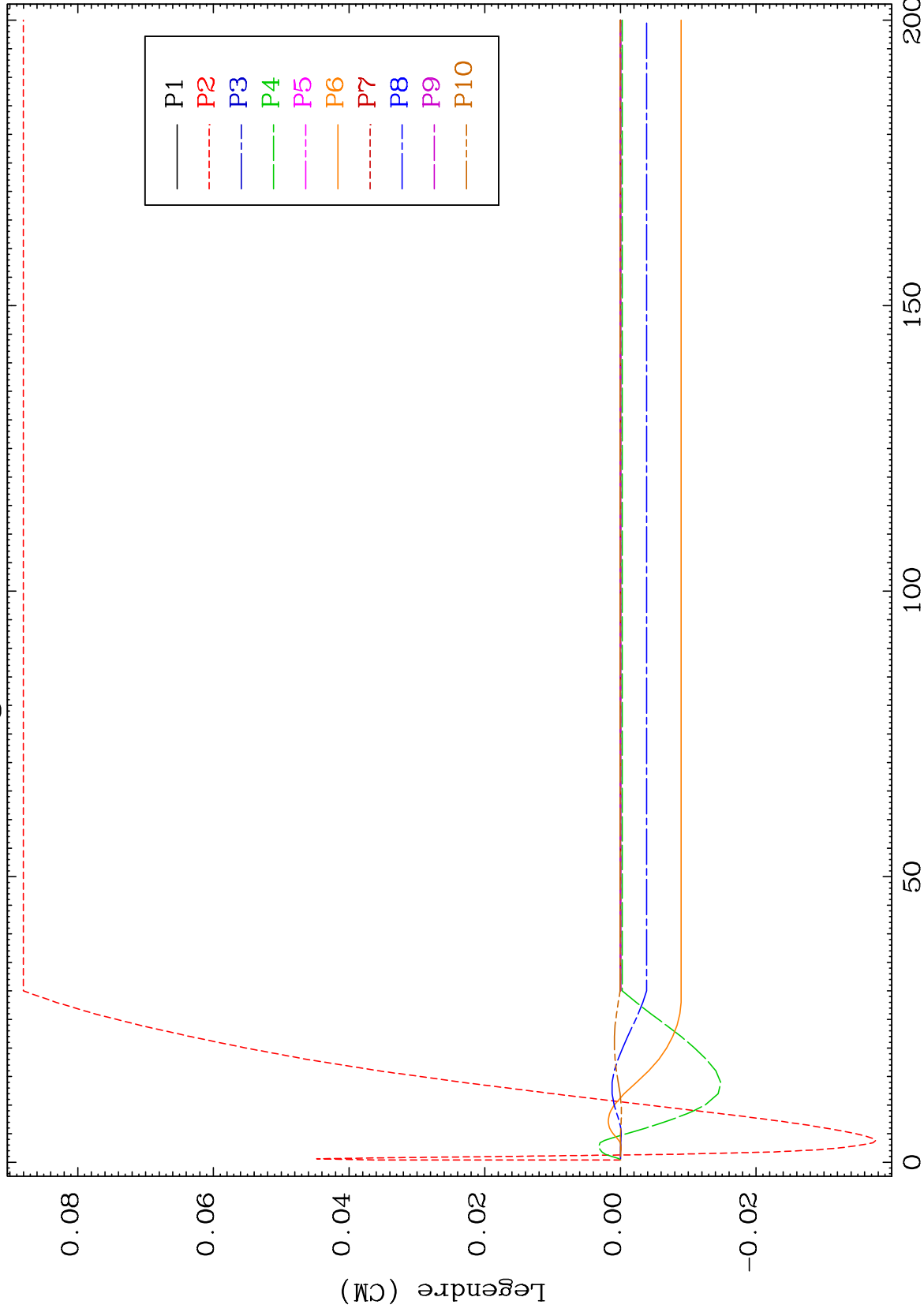
33

72-Hf-179

MAT 7240

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

72-Hf-179

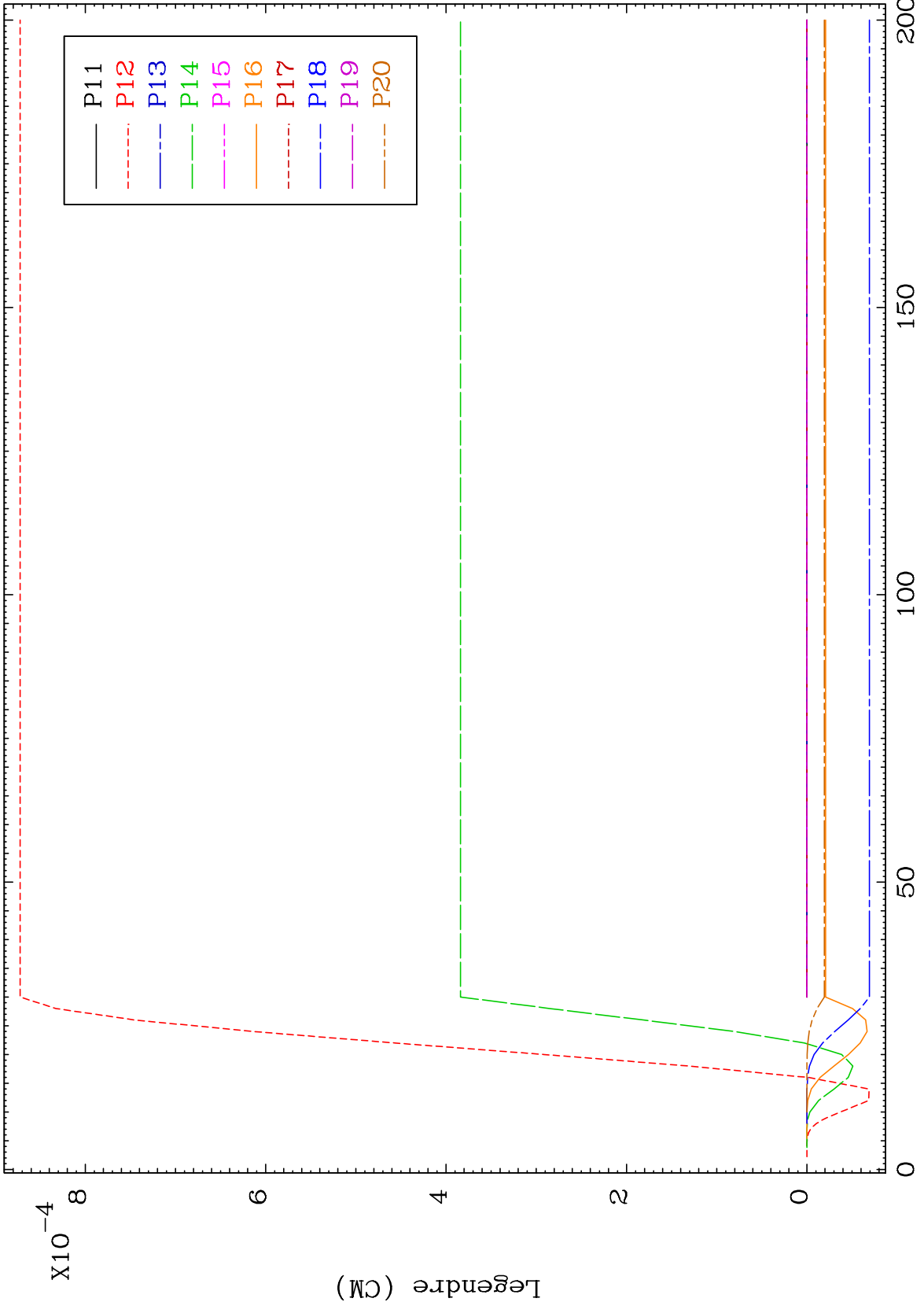


34

Incident Energy (MeV)

72-Hf-179

MAT 7240 MT= 55 (n,n') Level Legendre Coefficients 72-Hf-179

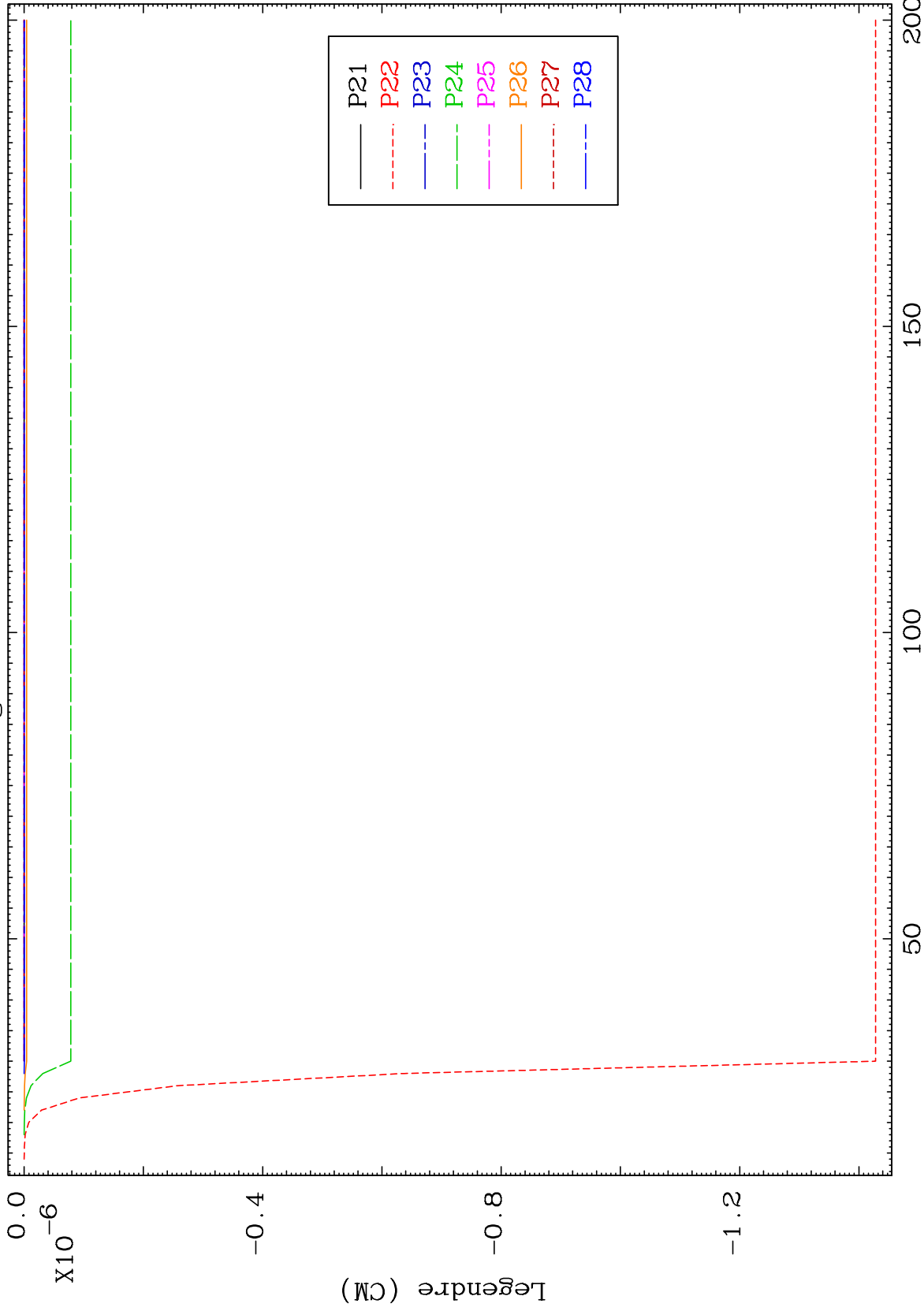


35 72-Hf-179

MAT 7240

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

72-Hf-179



36

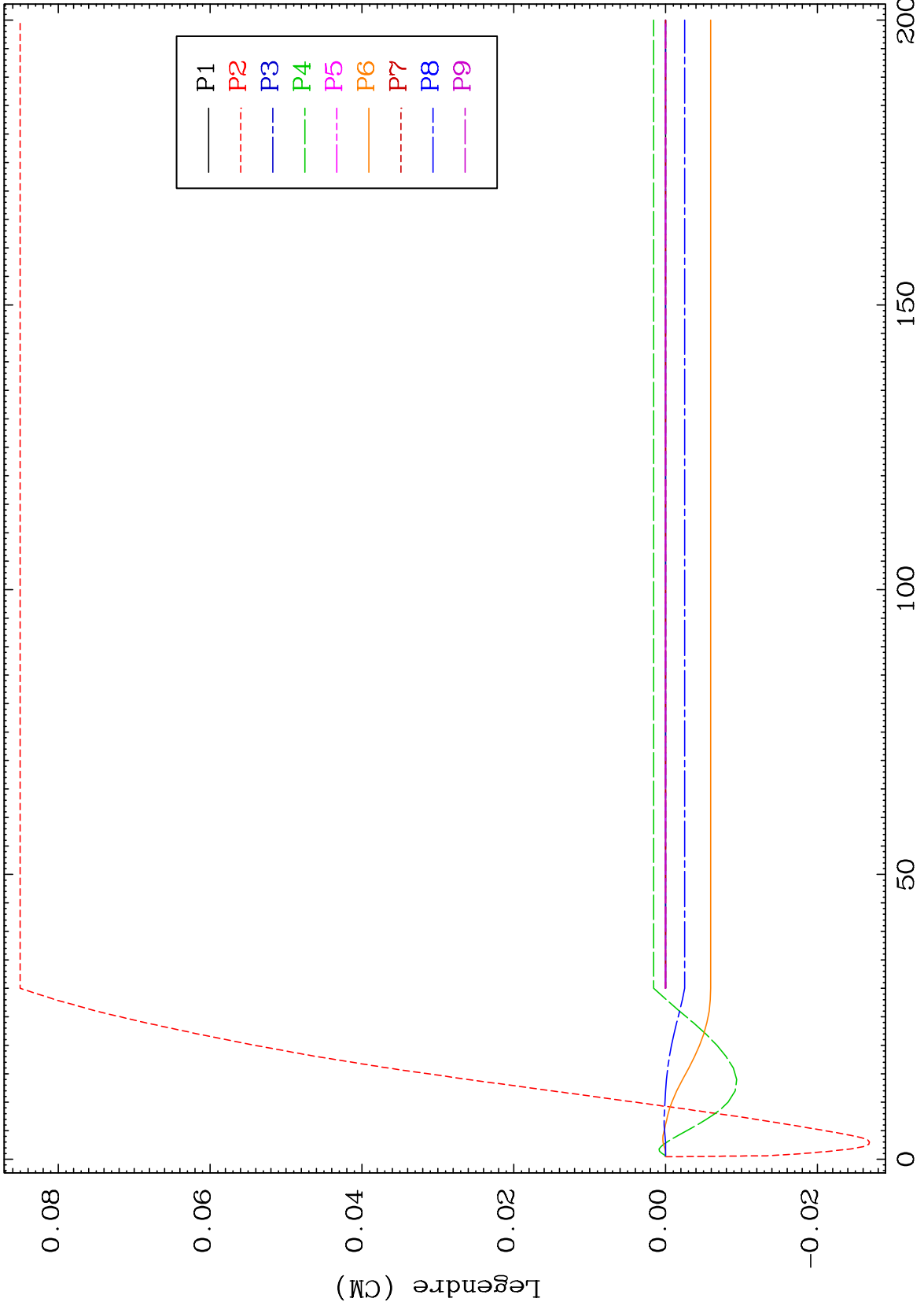
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



37

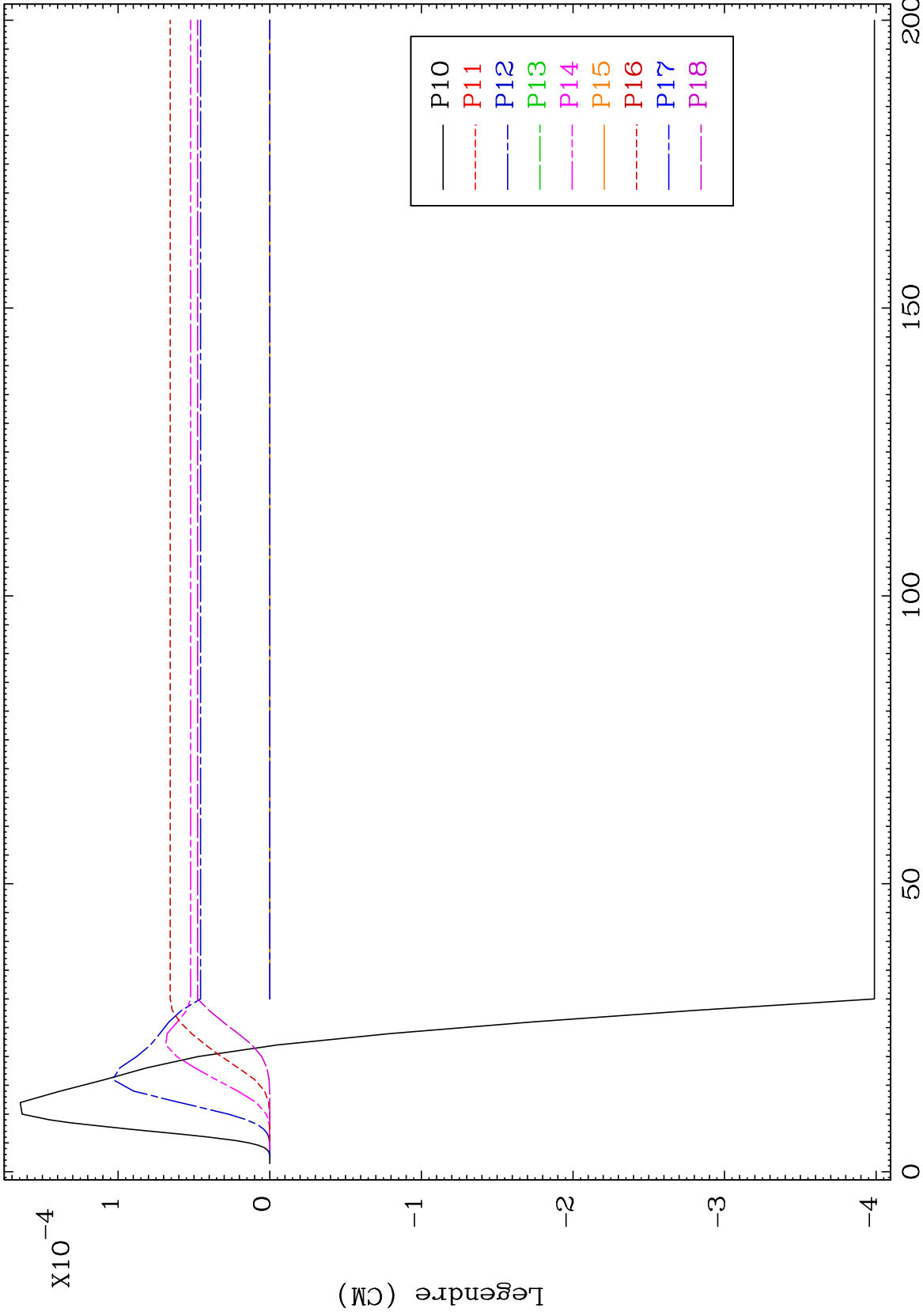
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179

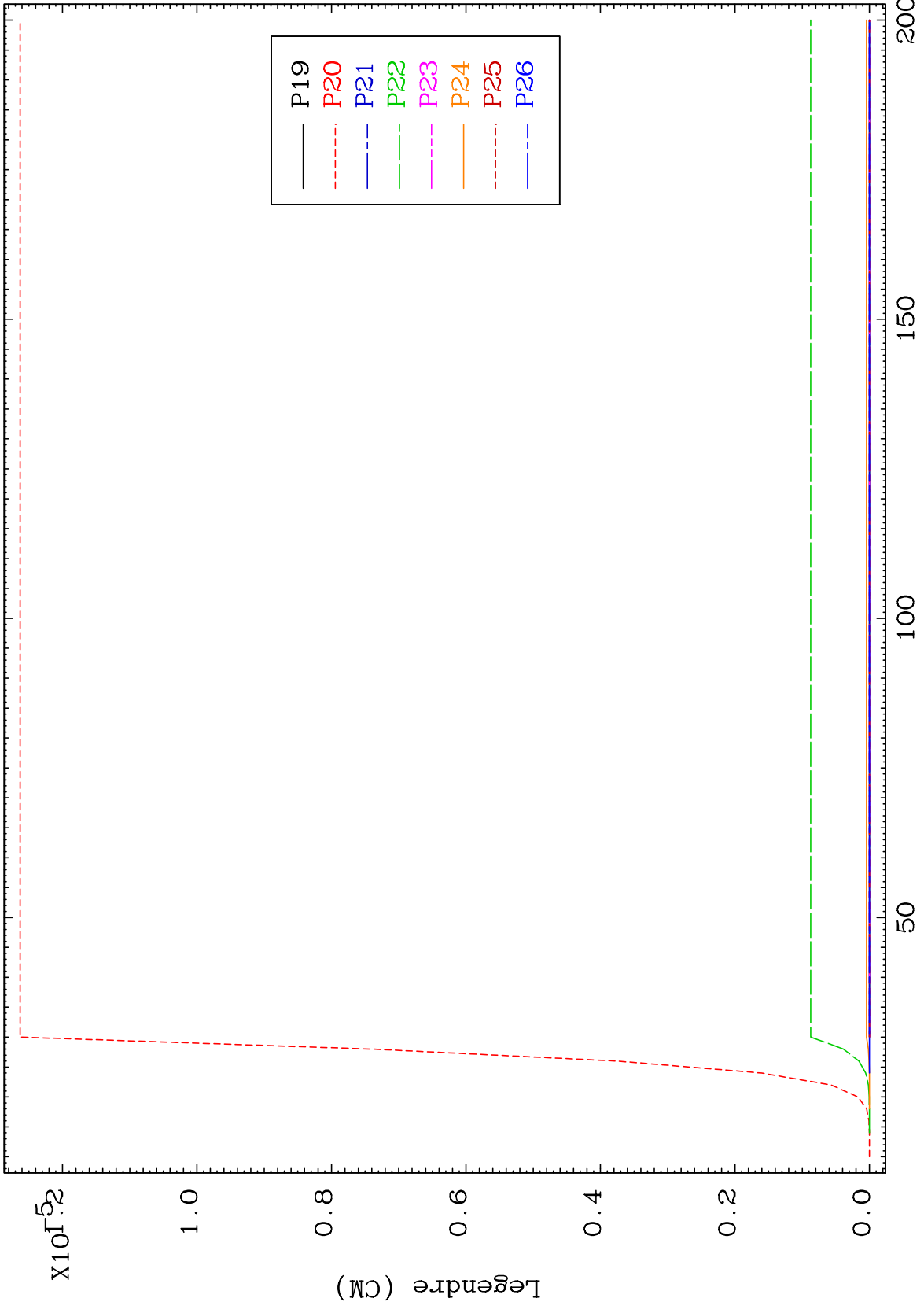


38

Incident Energy (MeV)

72-Hf-179

MAT 7240 MT= 56 (n,n') Level Legendre Coefficients 72-Hf-179



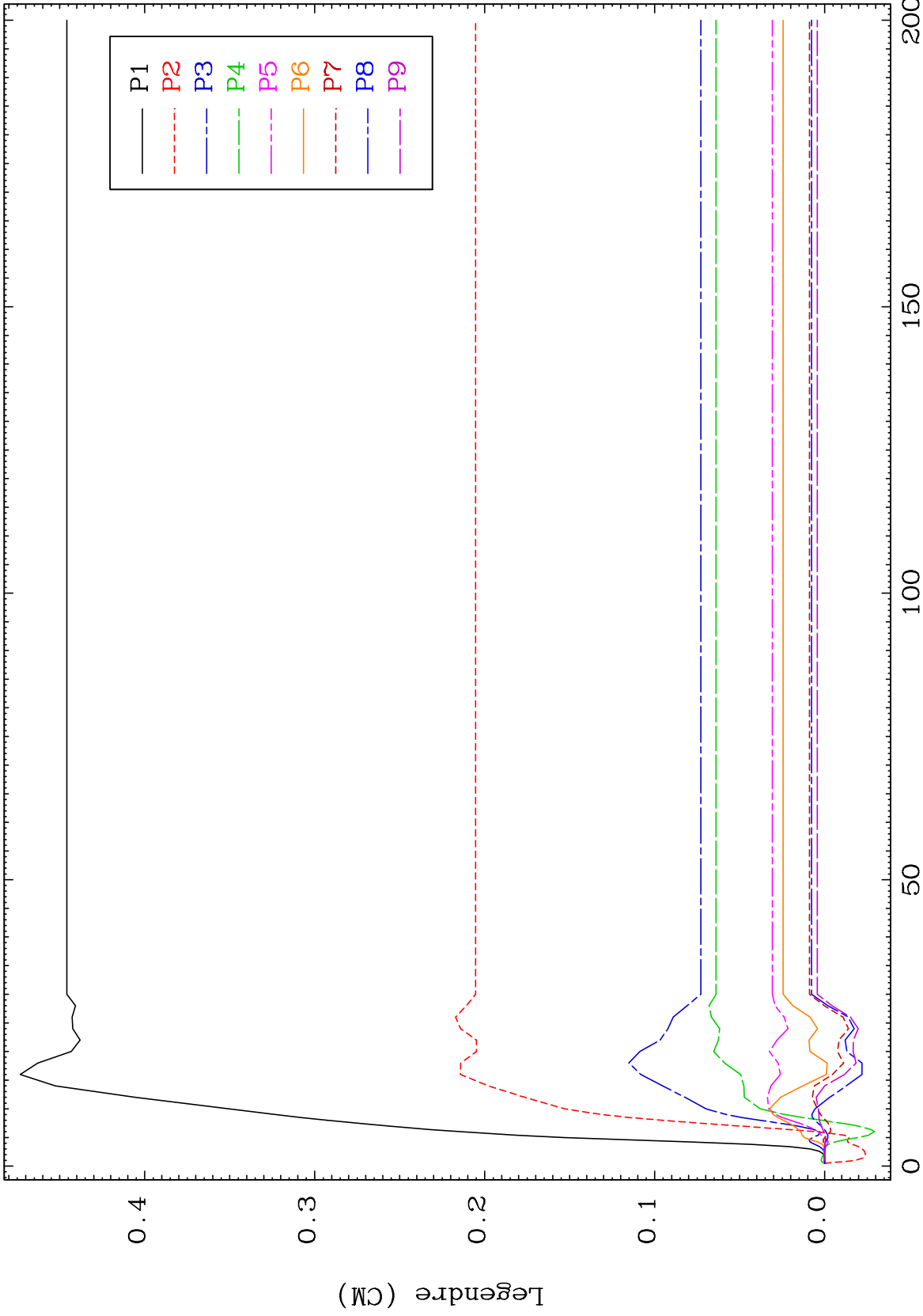
39 Incident Energy (MeV) 72-Hf-179



MAT 7240

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

72-Hf-179



72-Hf-179

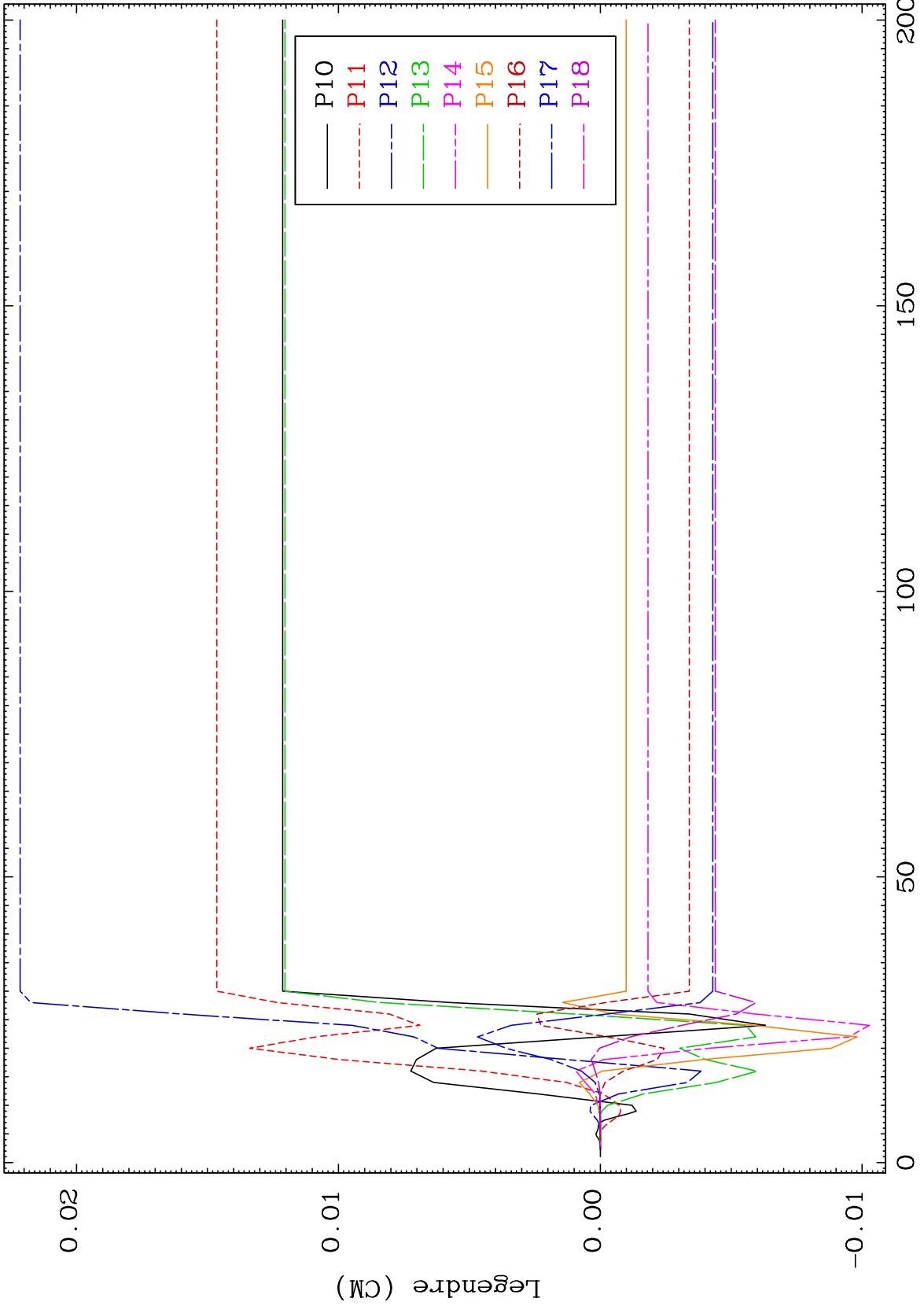
Incident Energy (MeV)

40

MAT 7240

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

72-Hf-179



41

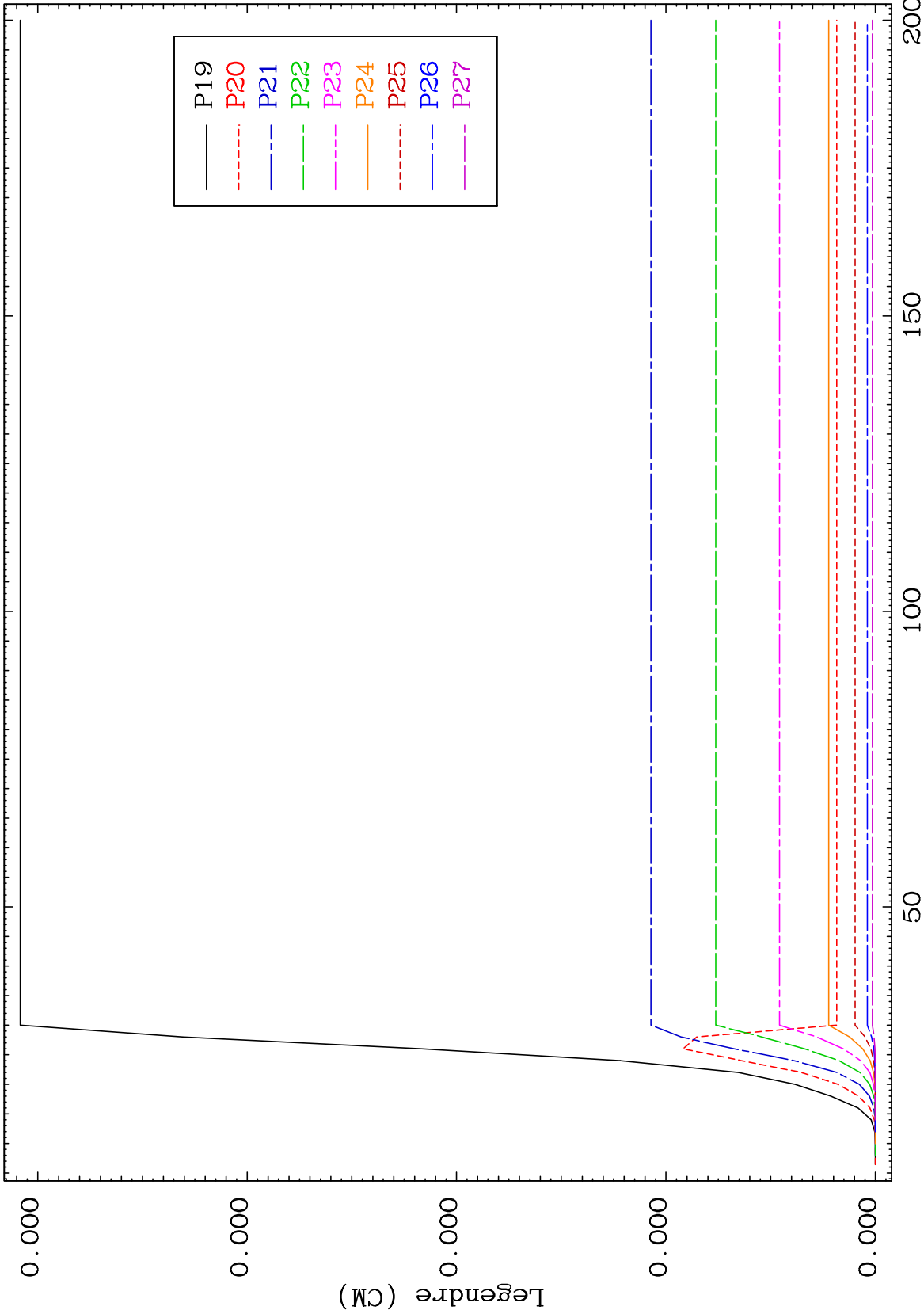
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



42

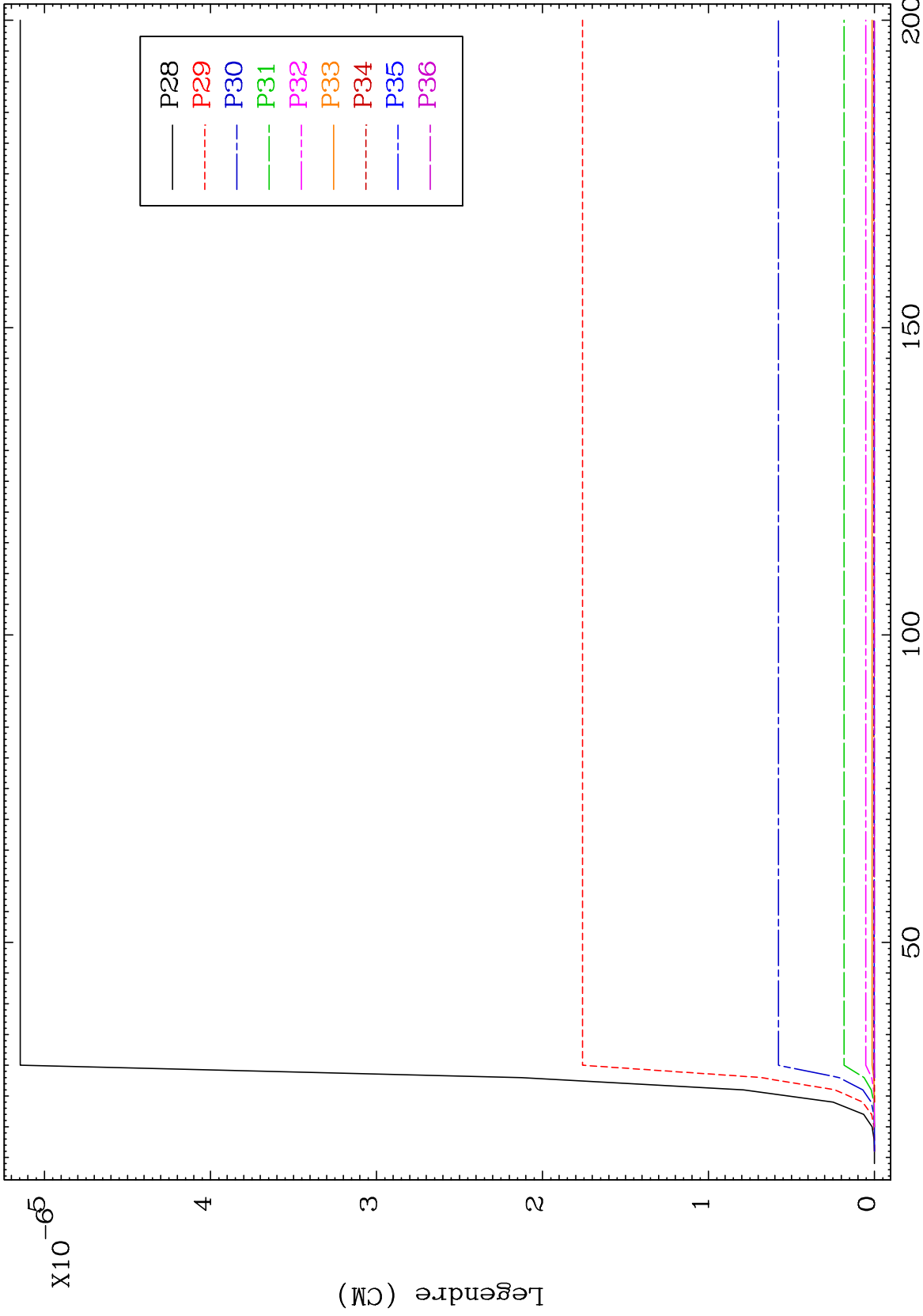
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



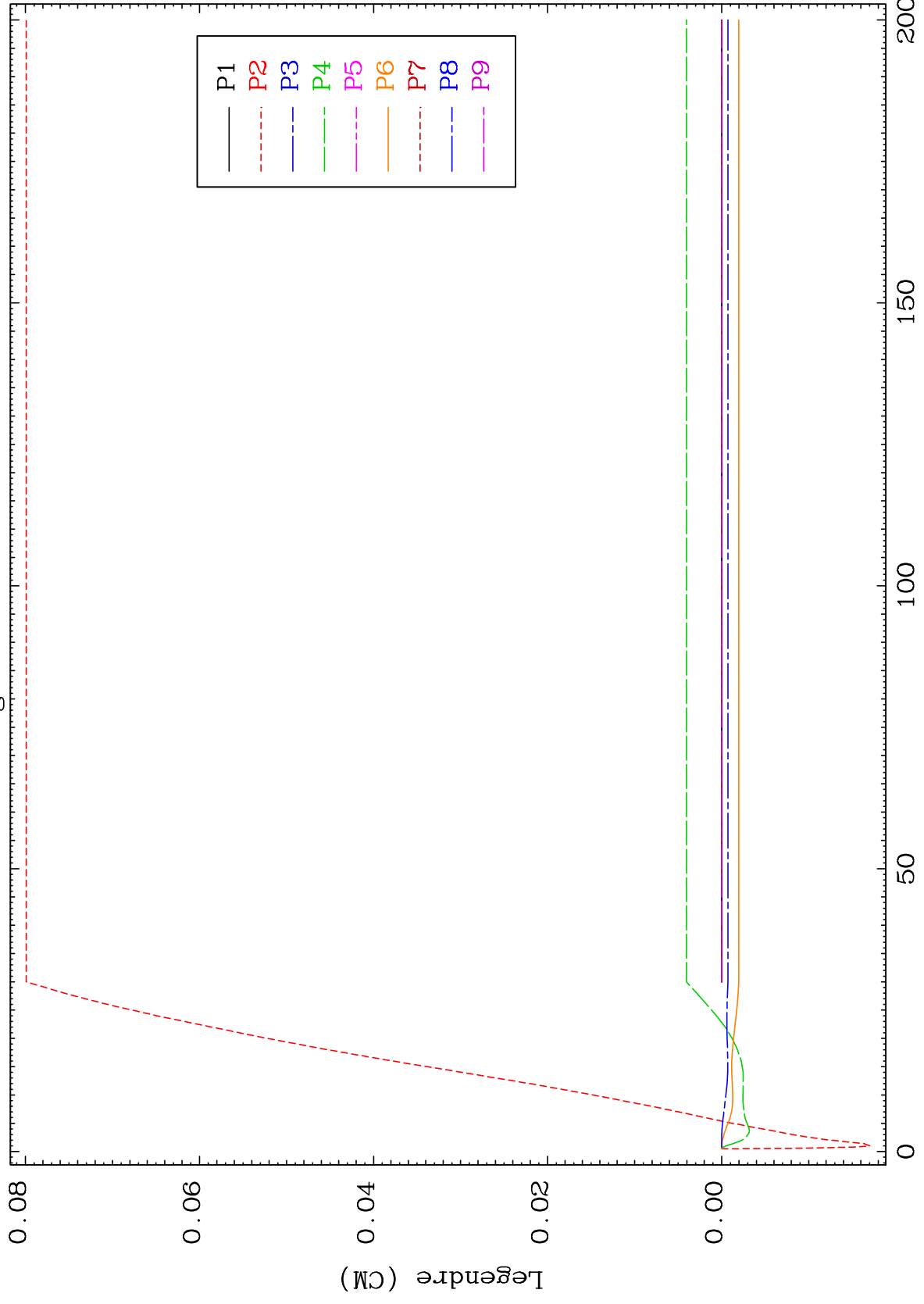
43

72-Hf-179

MAT 7240

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

72-Hf-179



44

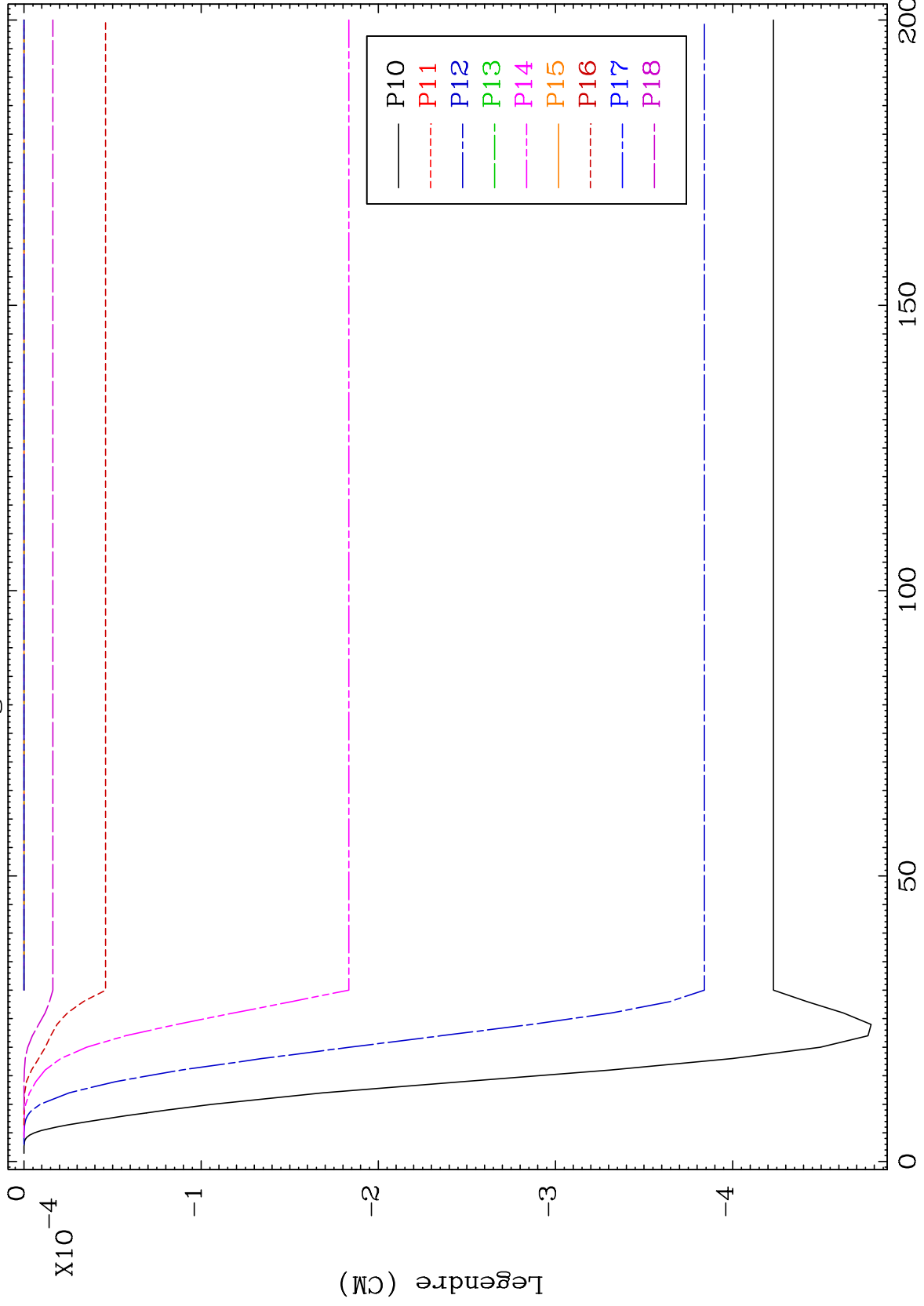
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



72-Hf-179

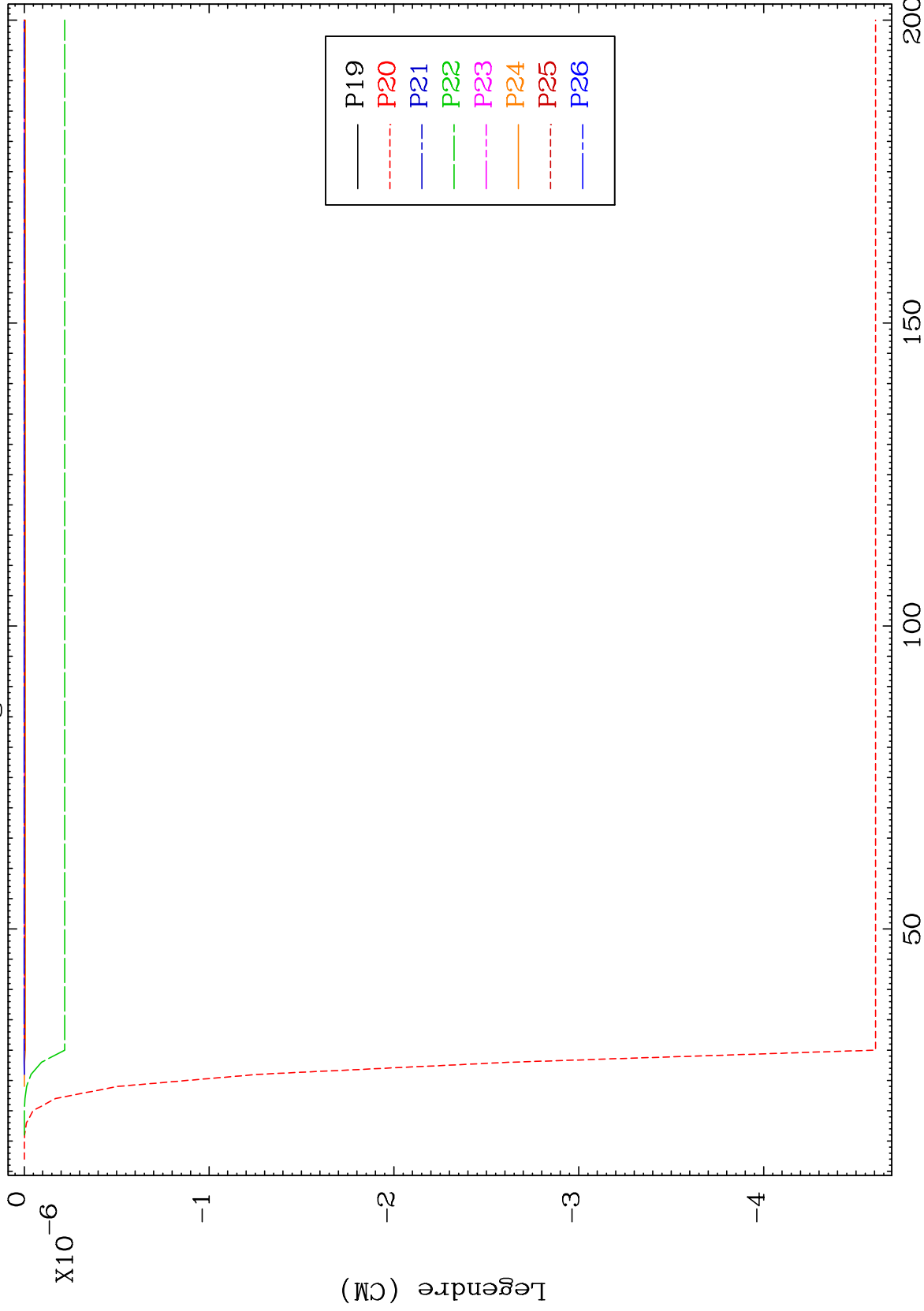
Incident Energy (MeV)

45

MAT 7240

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

72-Hf-179



72-Hf-179

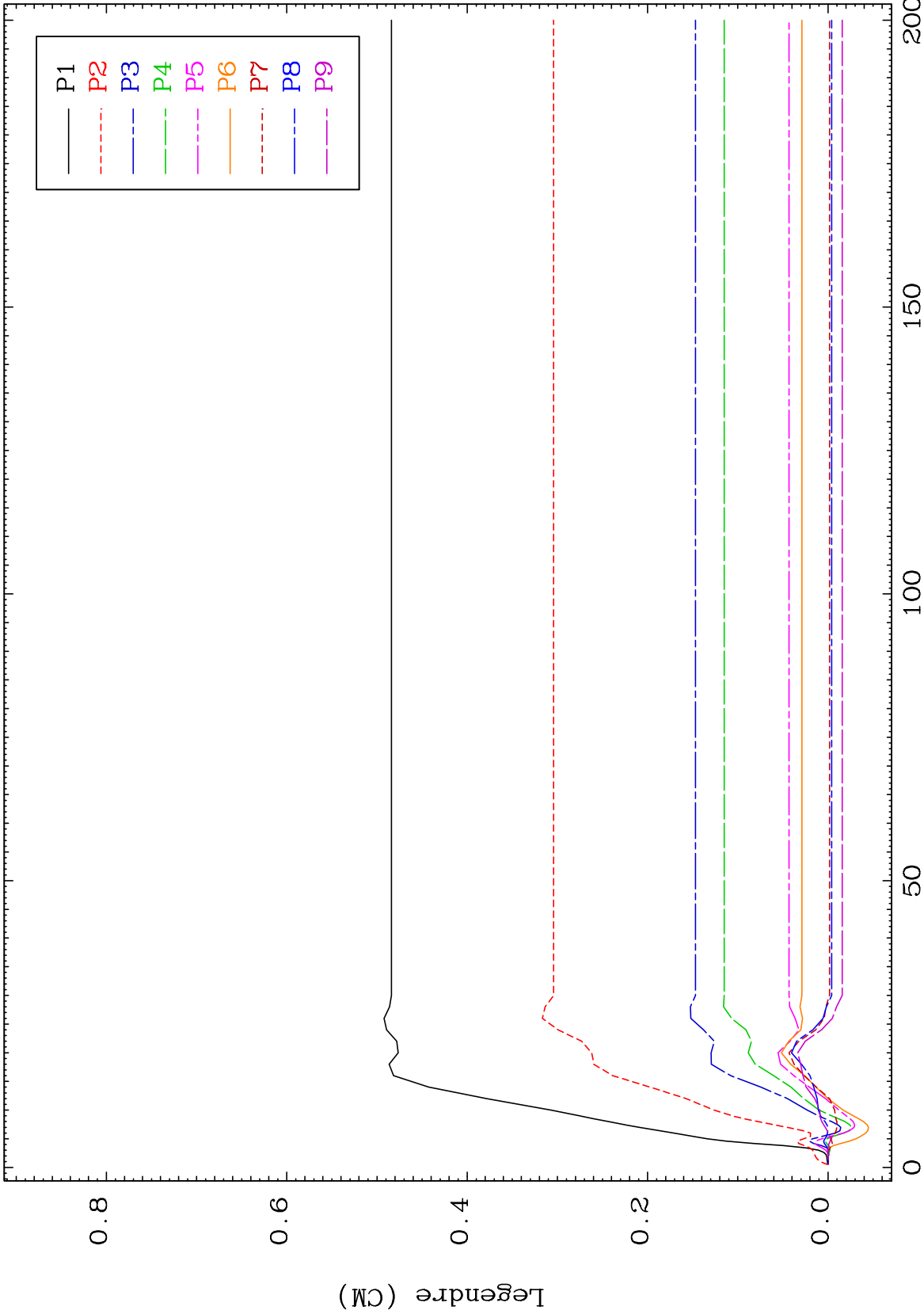
Incident Energy (MeV)

46

MAT 7240

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

72-Hf-179



47

Incident Energy (MeV)

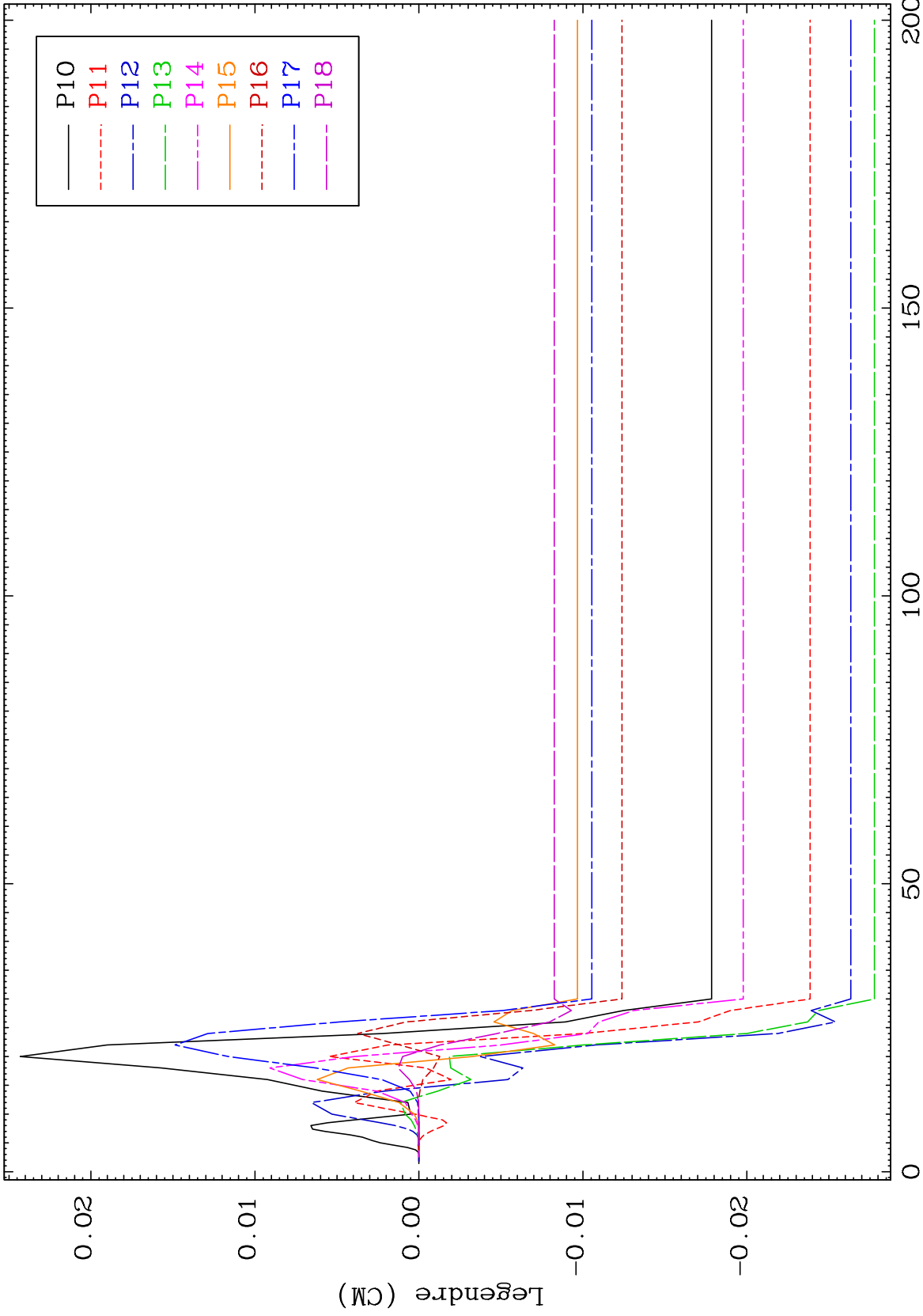
72-Hf-179



MAT 7240

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

72-Hf-179



48

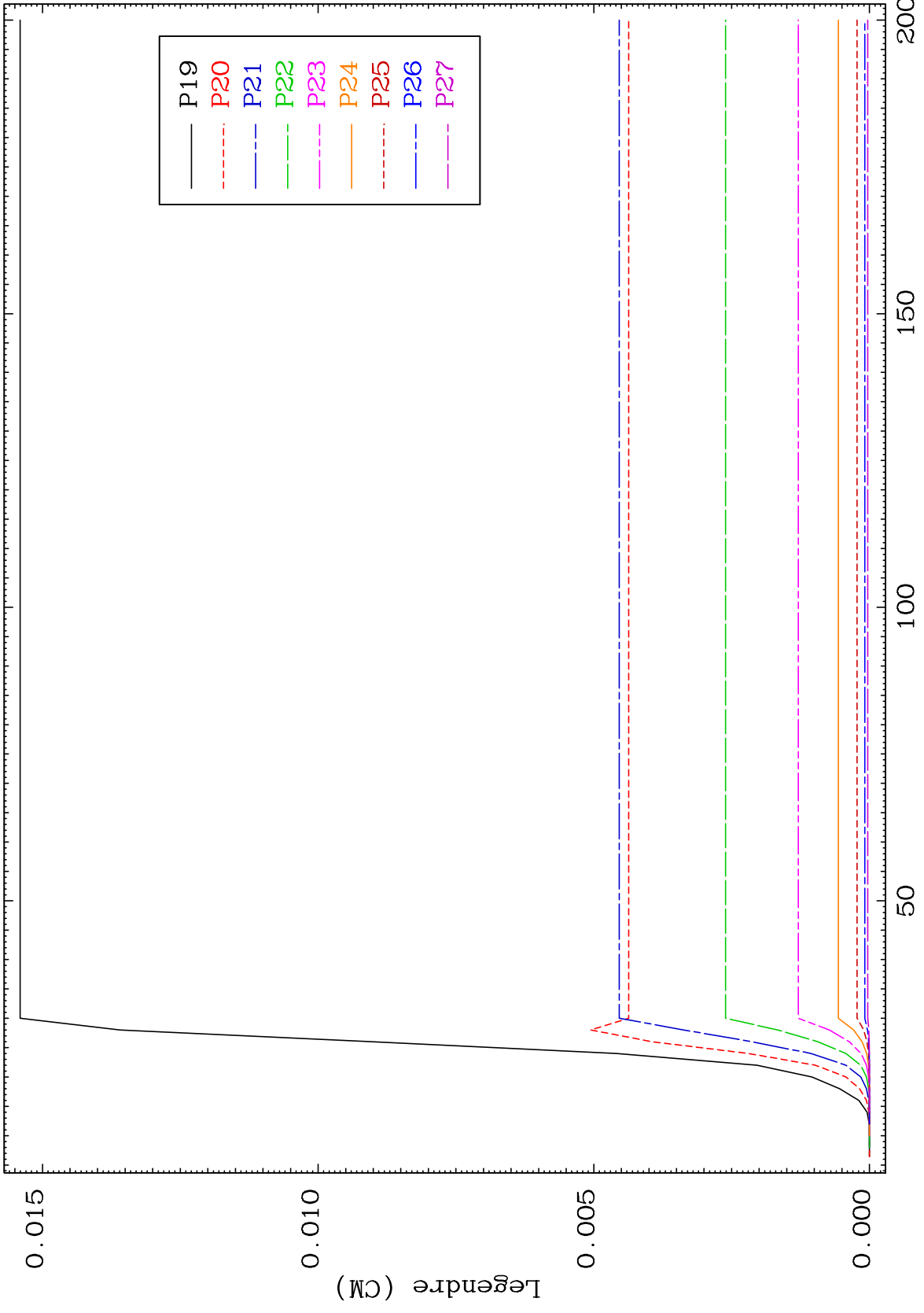
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



49

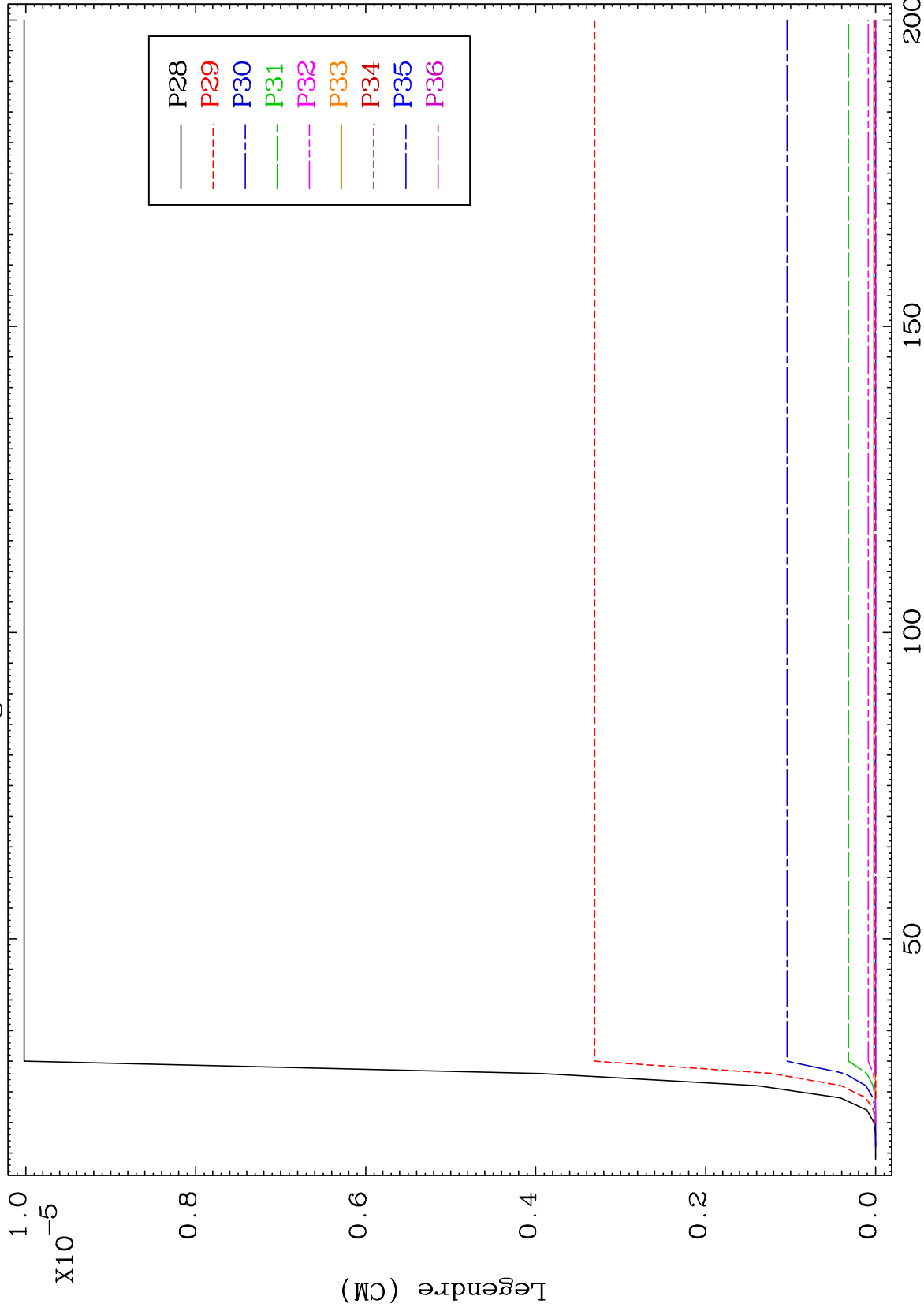
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



50

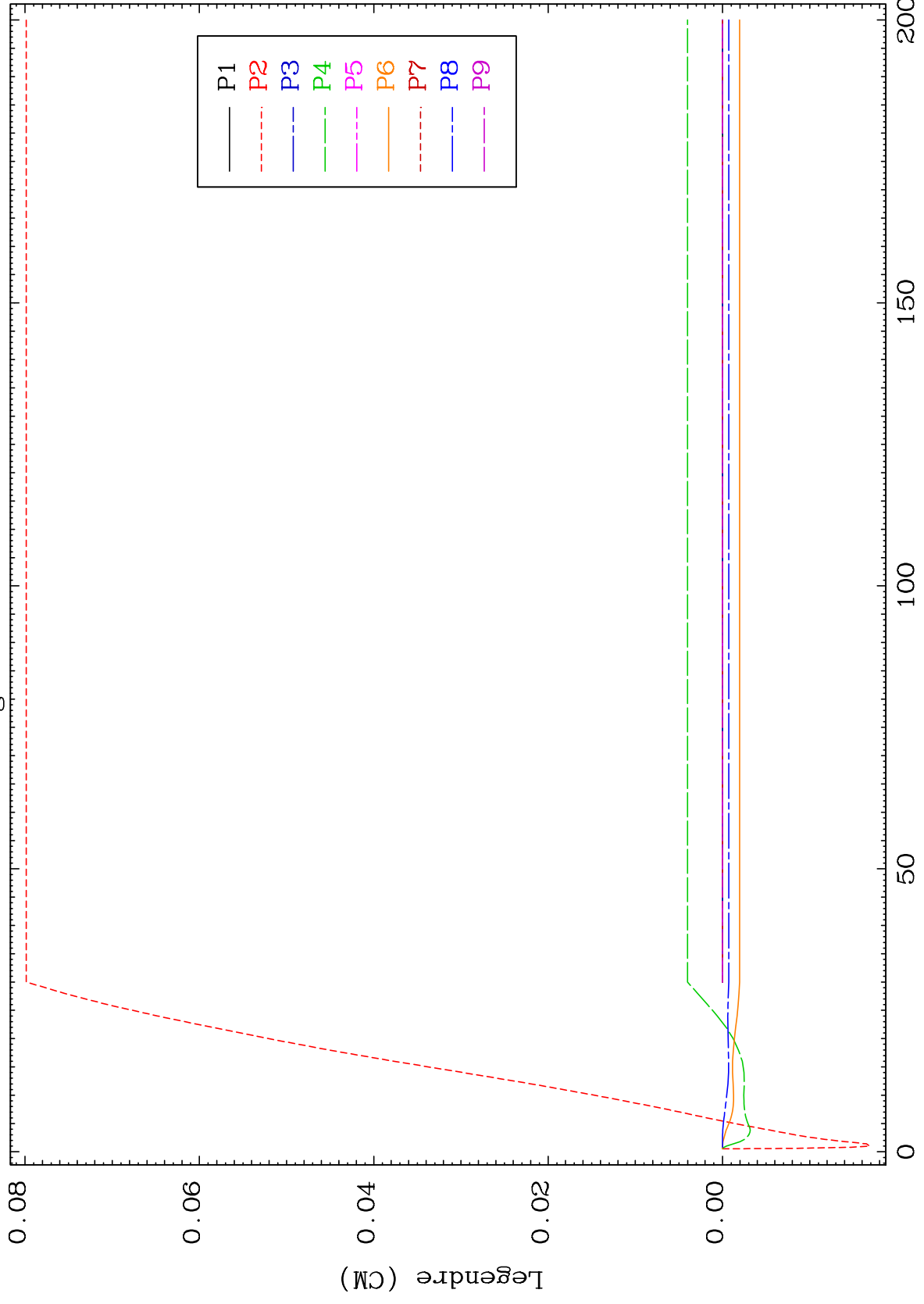
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



51

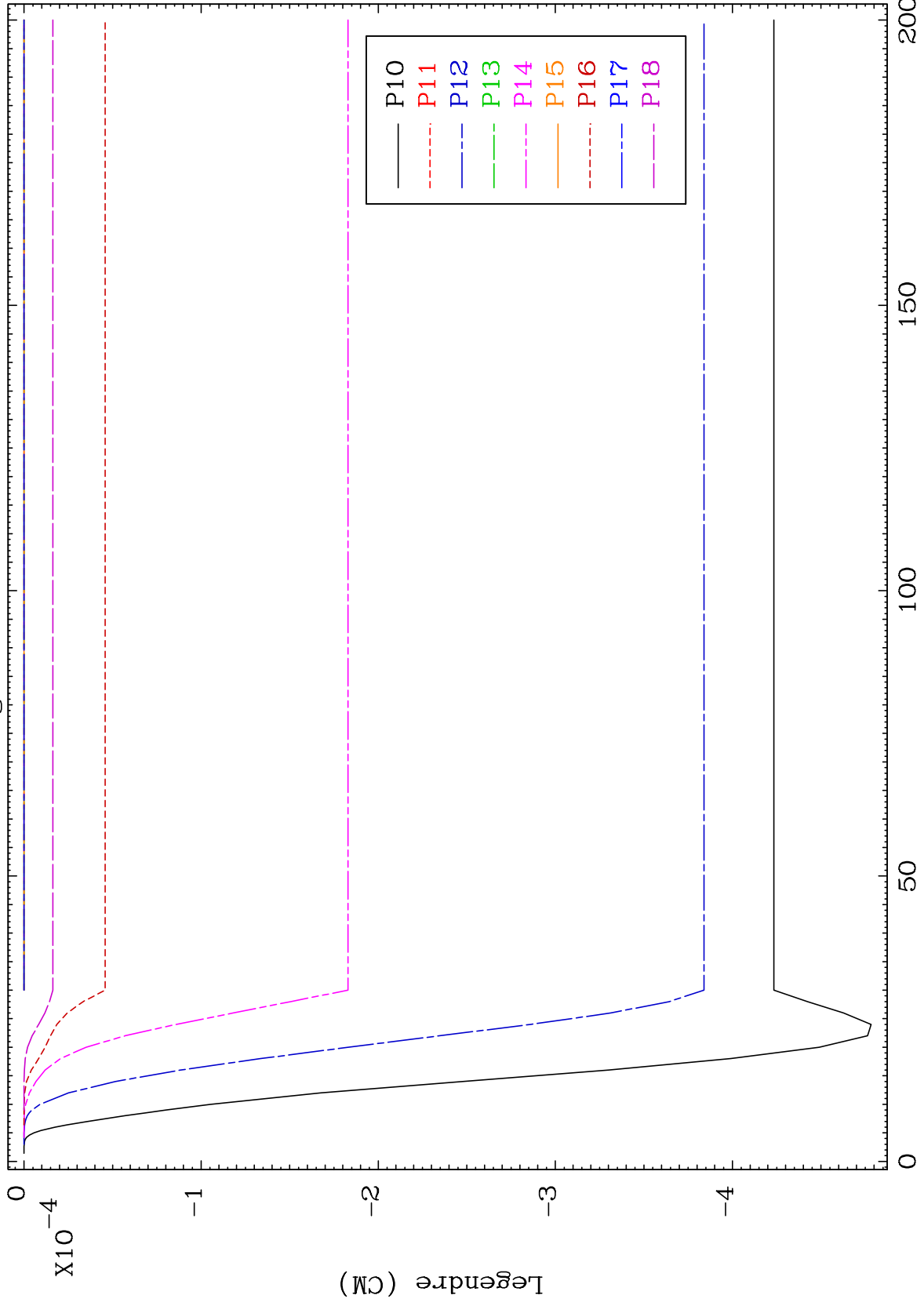
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



72-Hf-179

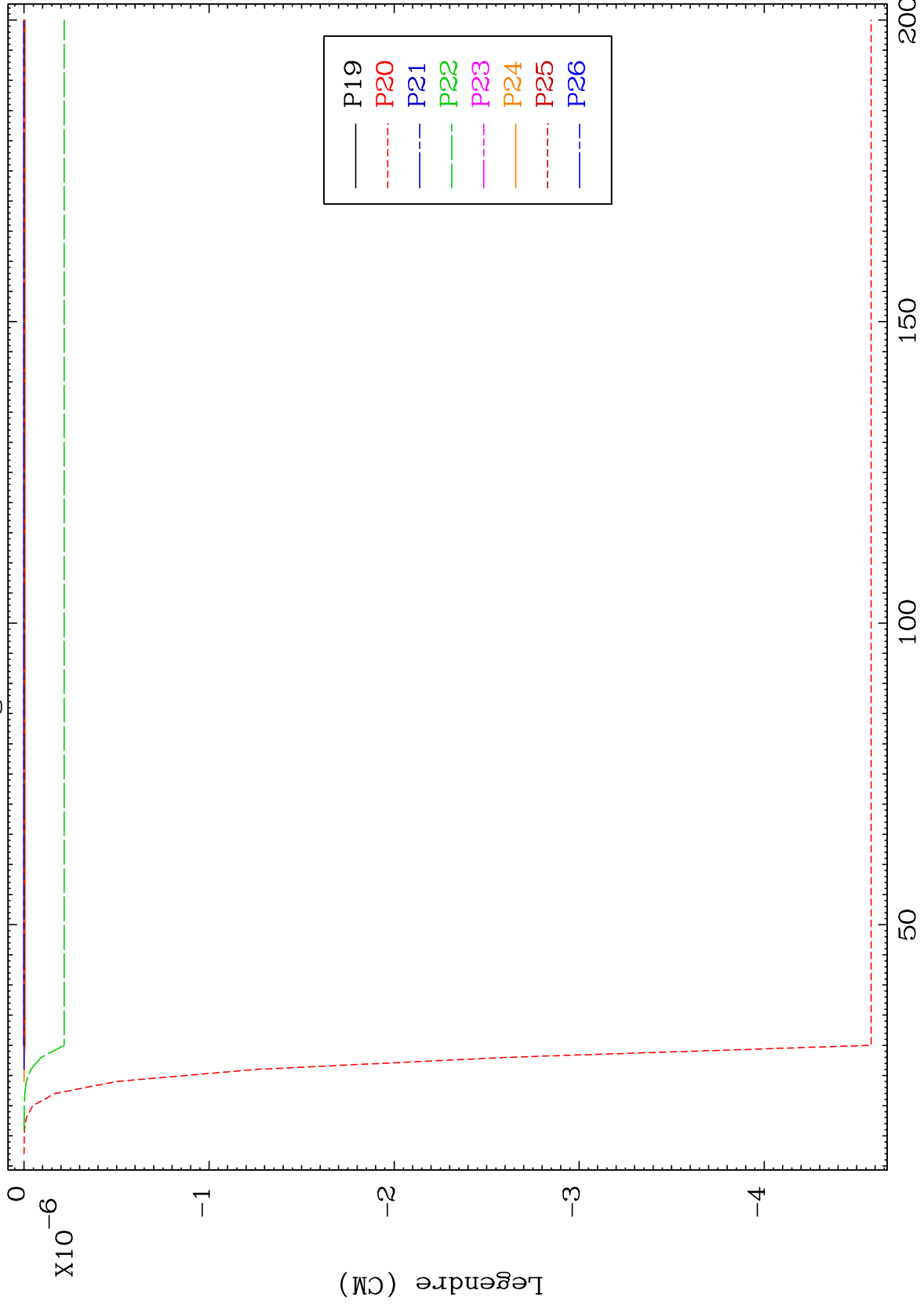
Incident Energy (MeV)

52

MAT 7240

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

72-Hf-179



72-Hf-179

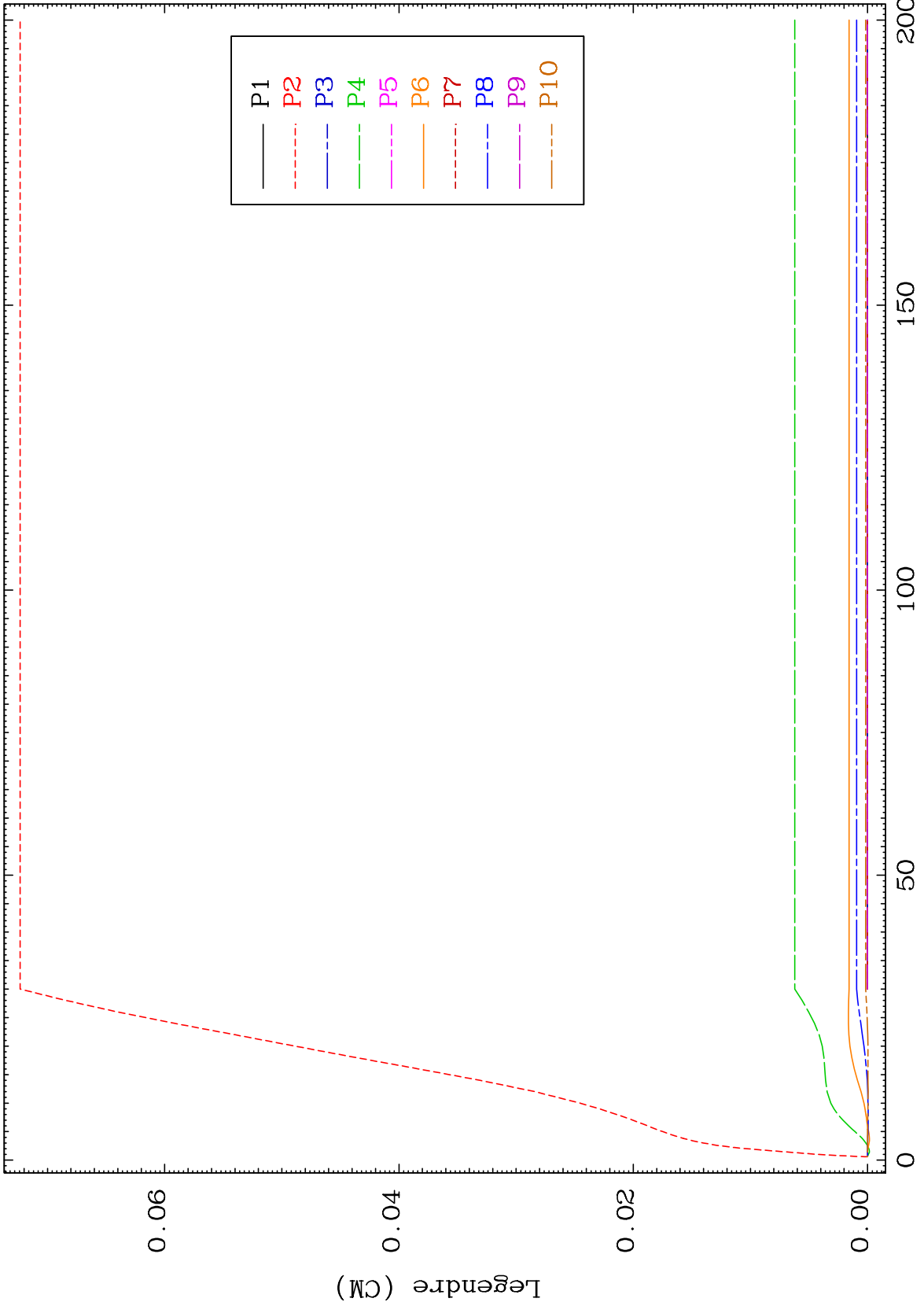
Incident Energy (MeV)

53

MAT 7240

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

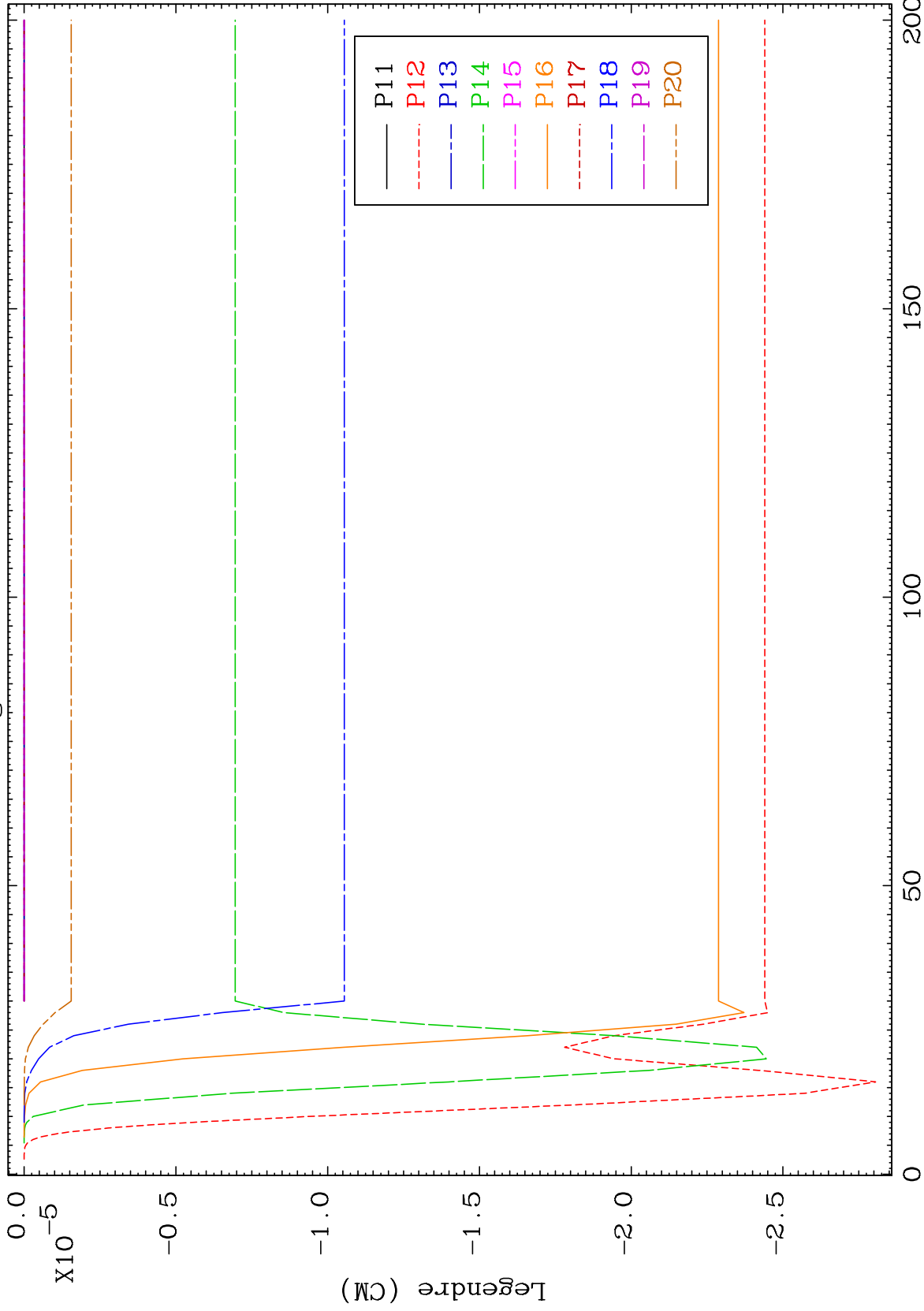
72-Hf-179



54

Incident Energy (MeV)

72-Hf-179

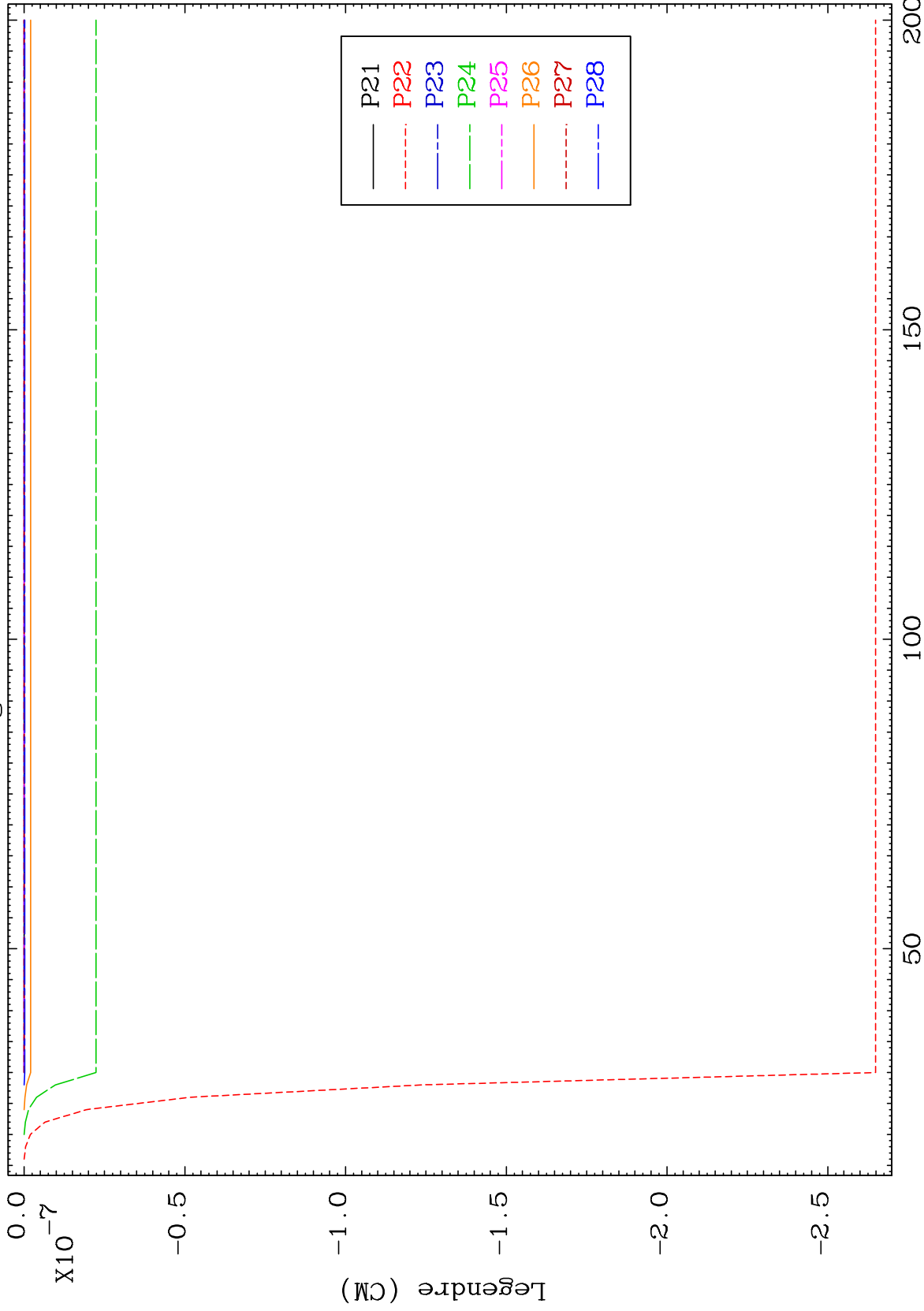




MAT 7240

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

72-Hf-179



56

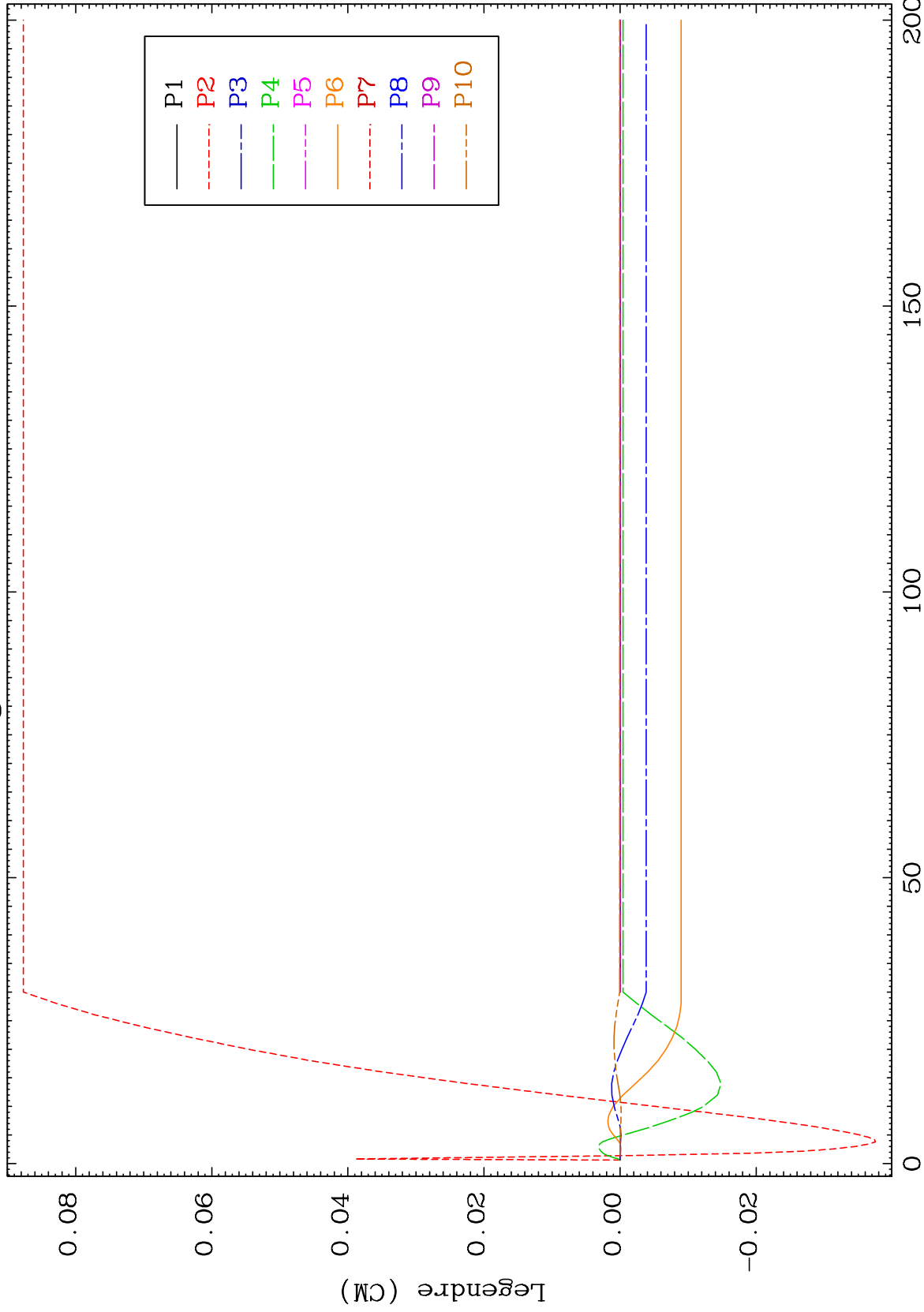
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



57

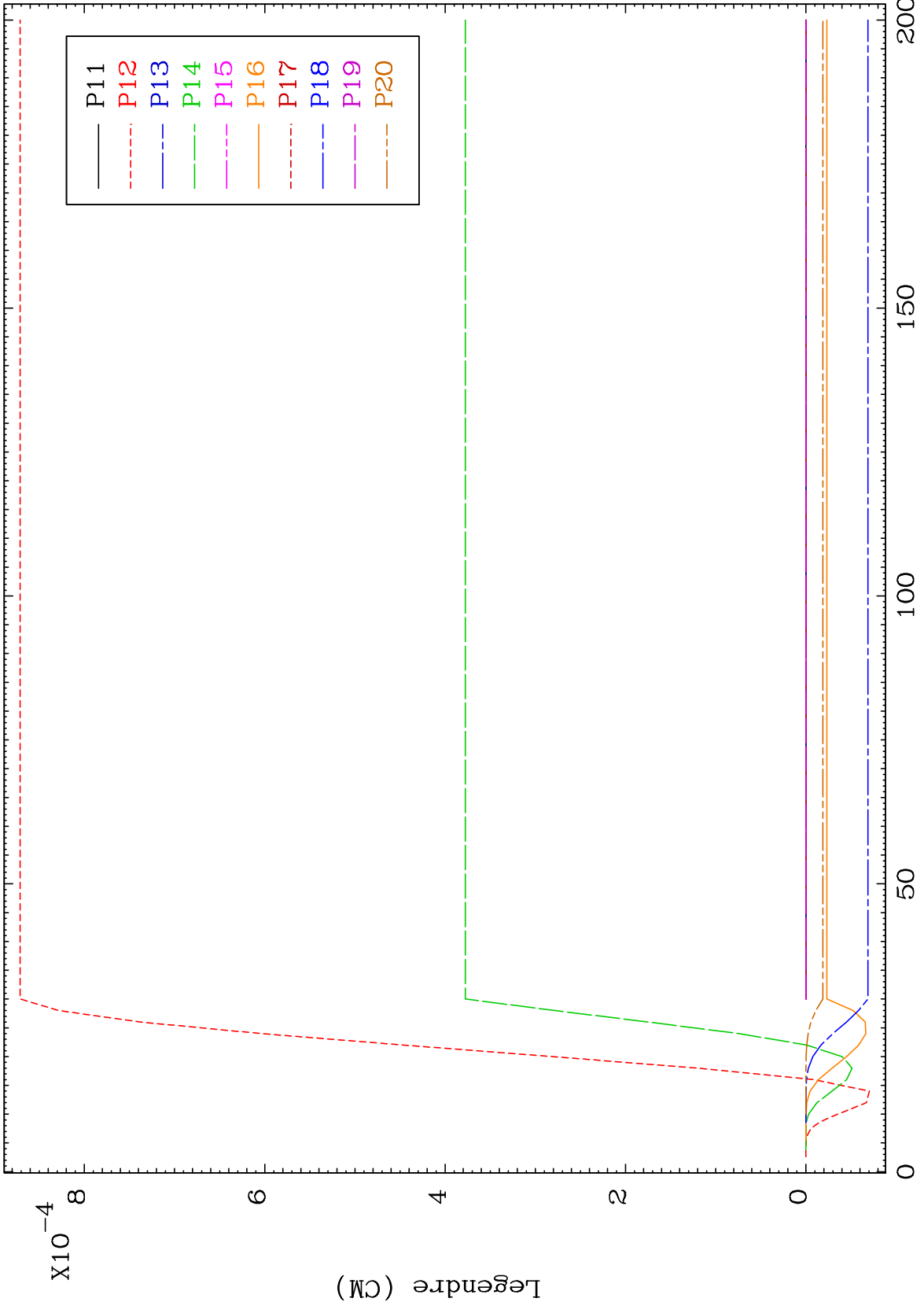
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



58

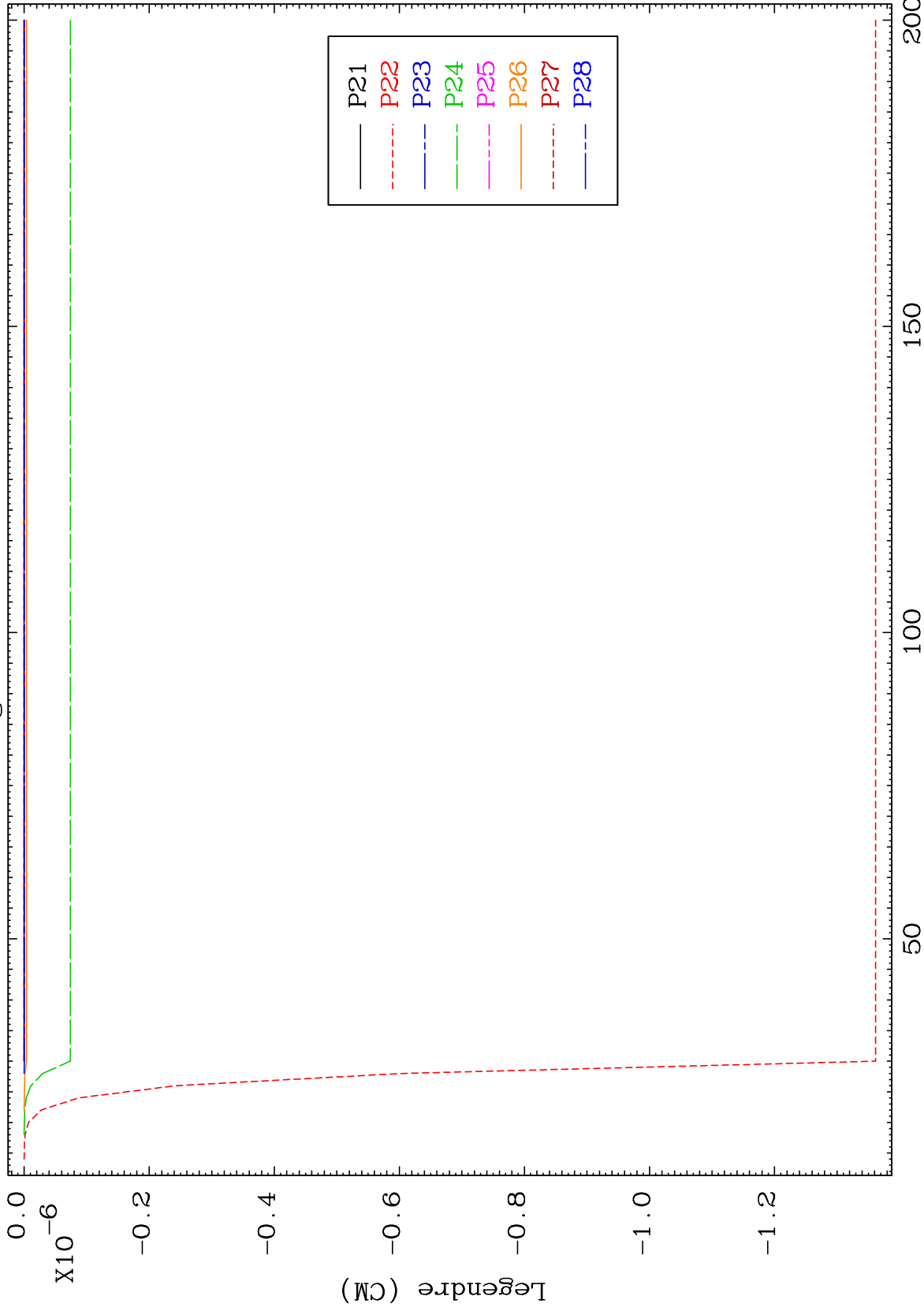
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



59

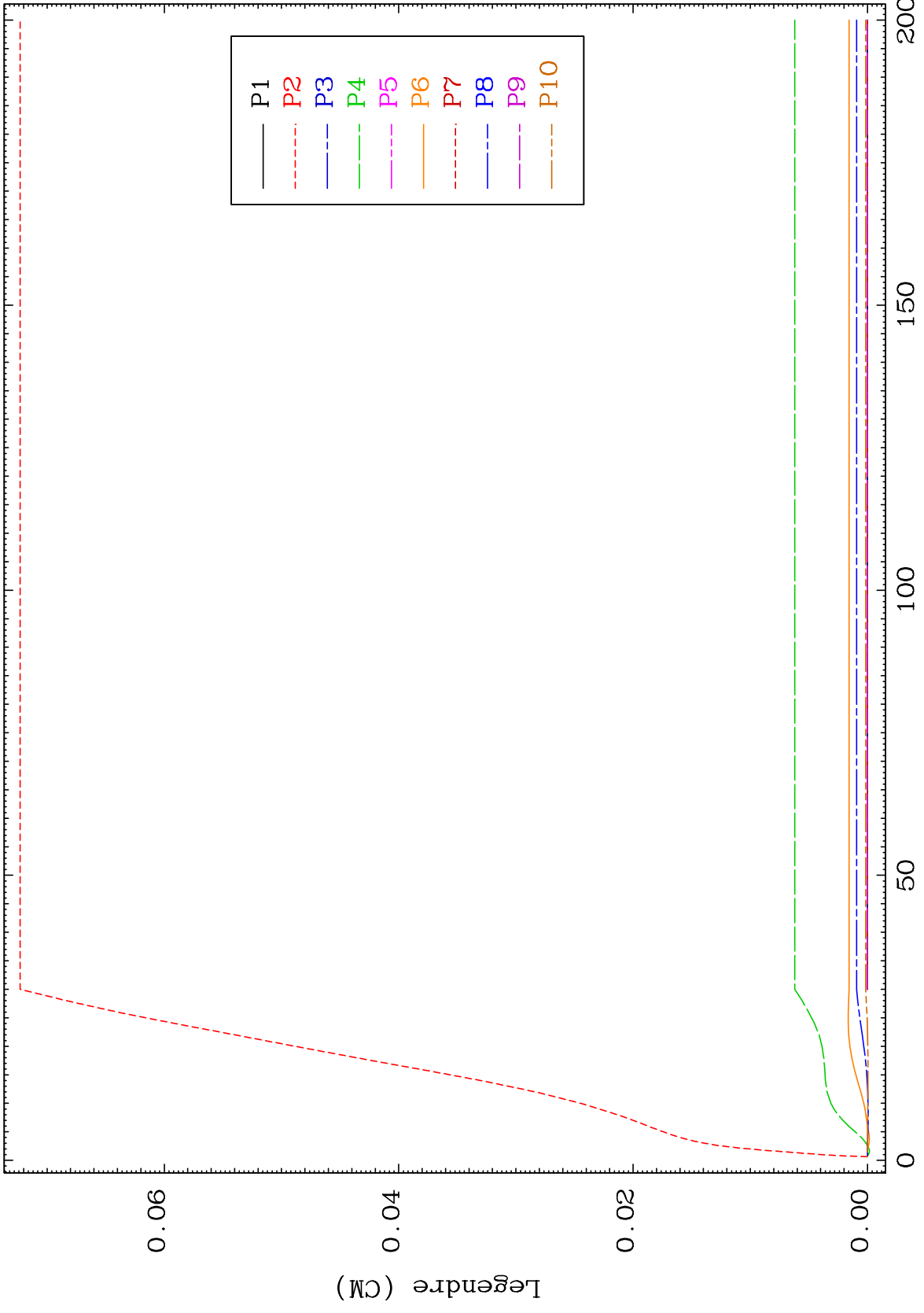
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



72-Hf-179

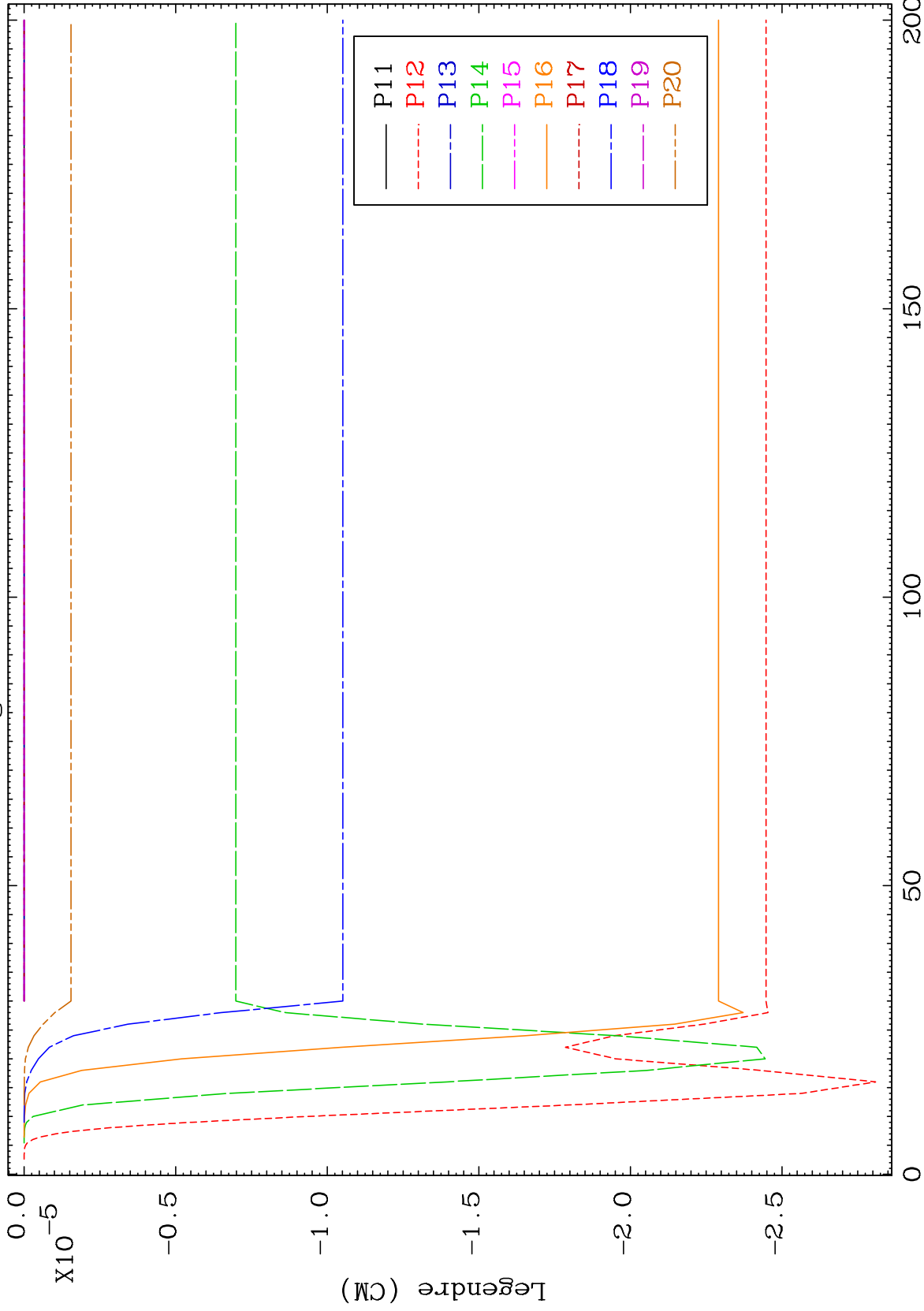
Incident Energy (MeV)

60

MAT 7240

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

72-Hf-179



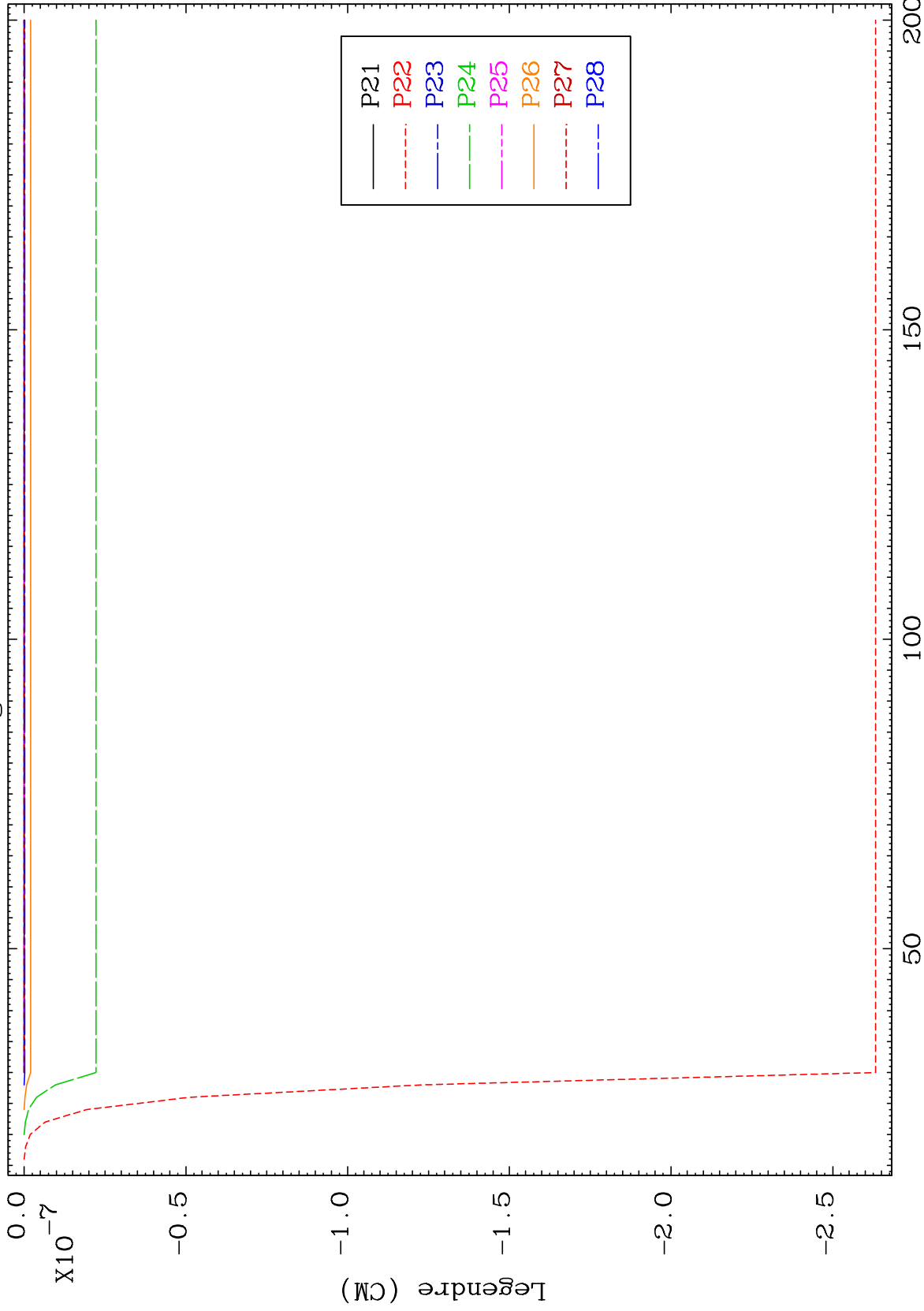
61

72-Hf-179

MAT 7240

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

72-Hf-179



62

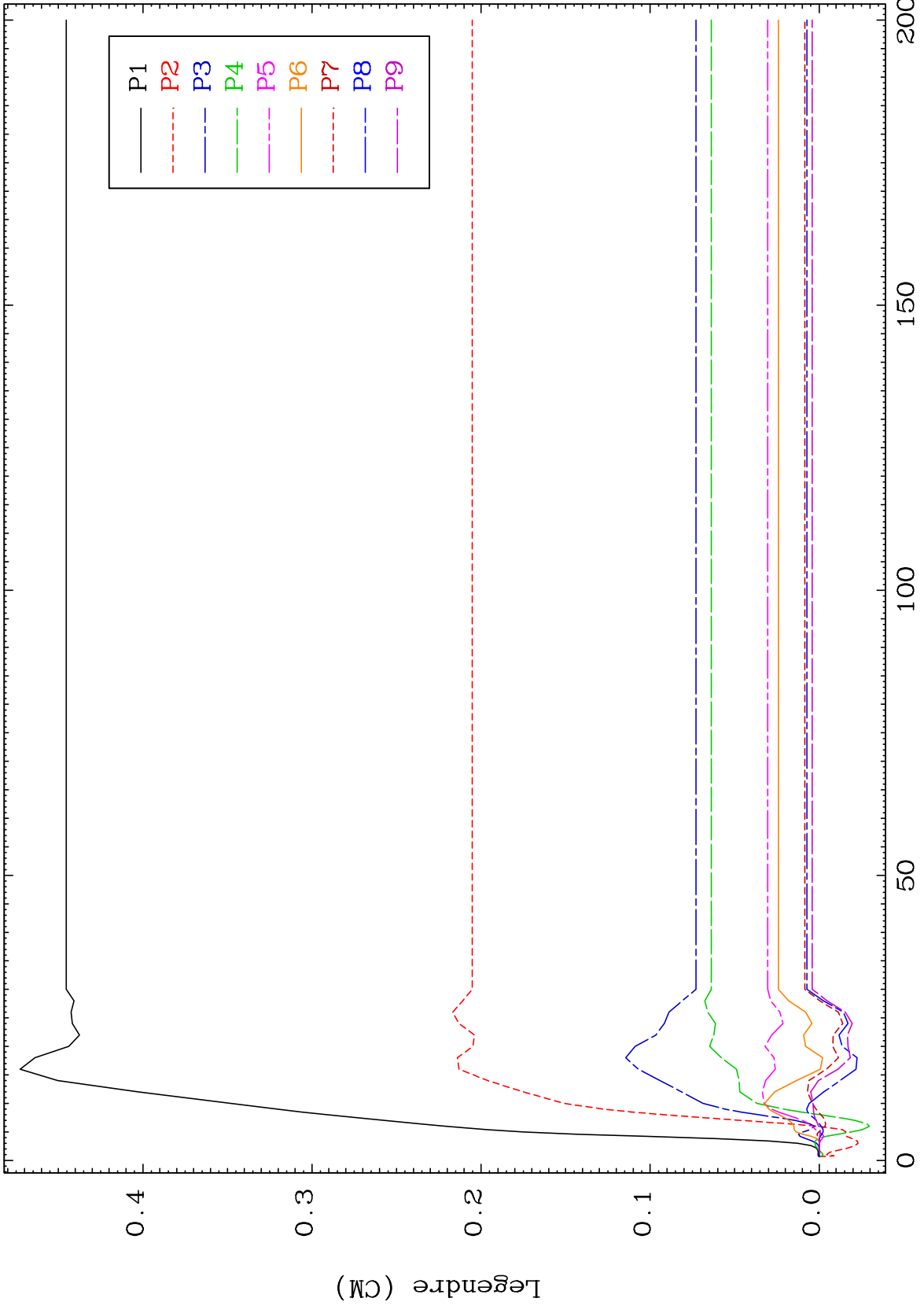
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



63

Incident Energy (MeV)

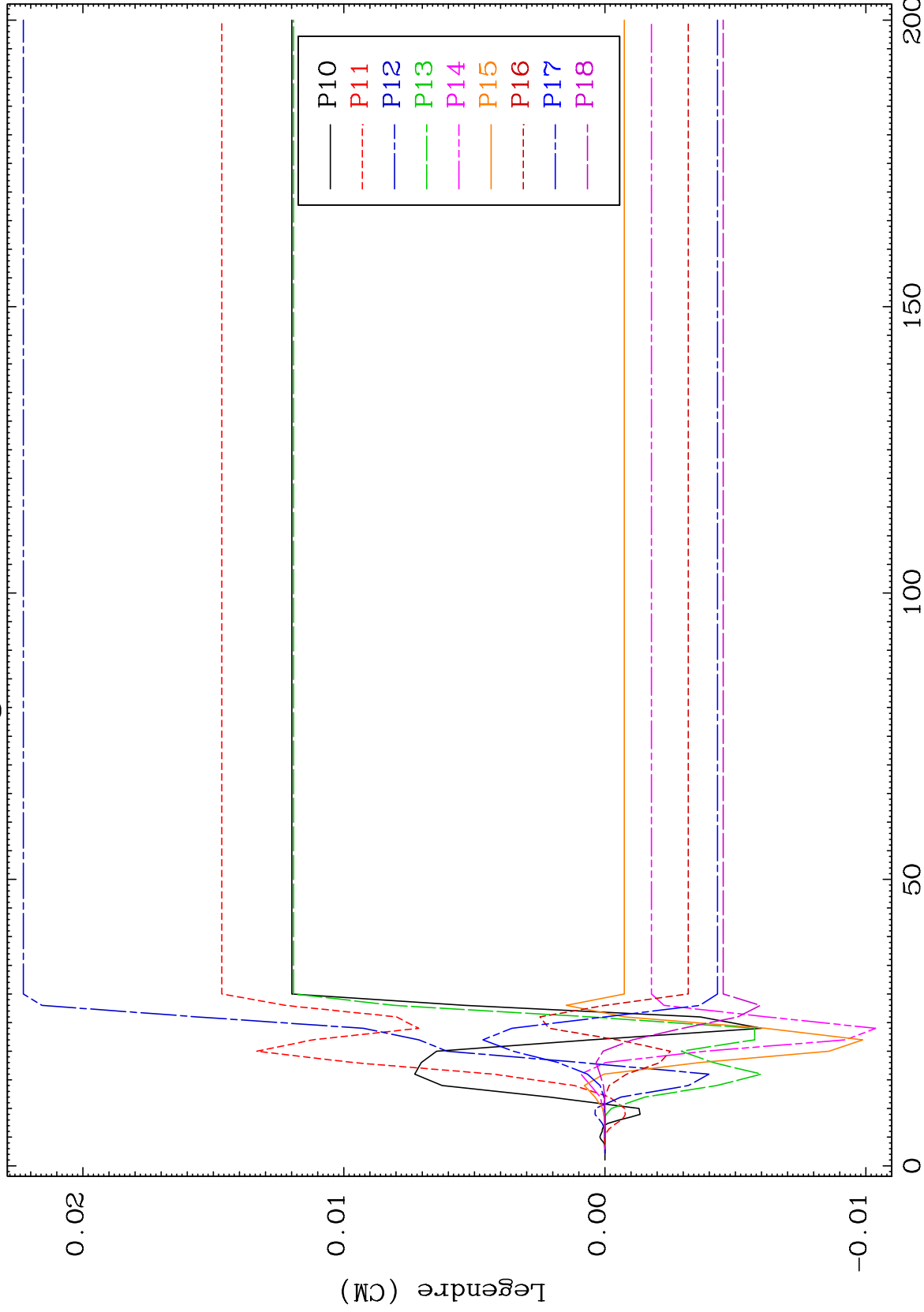
72-Hf-179



MAT 7240

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

72-Hf-179



64

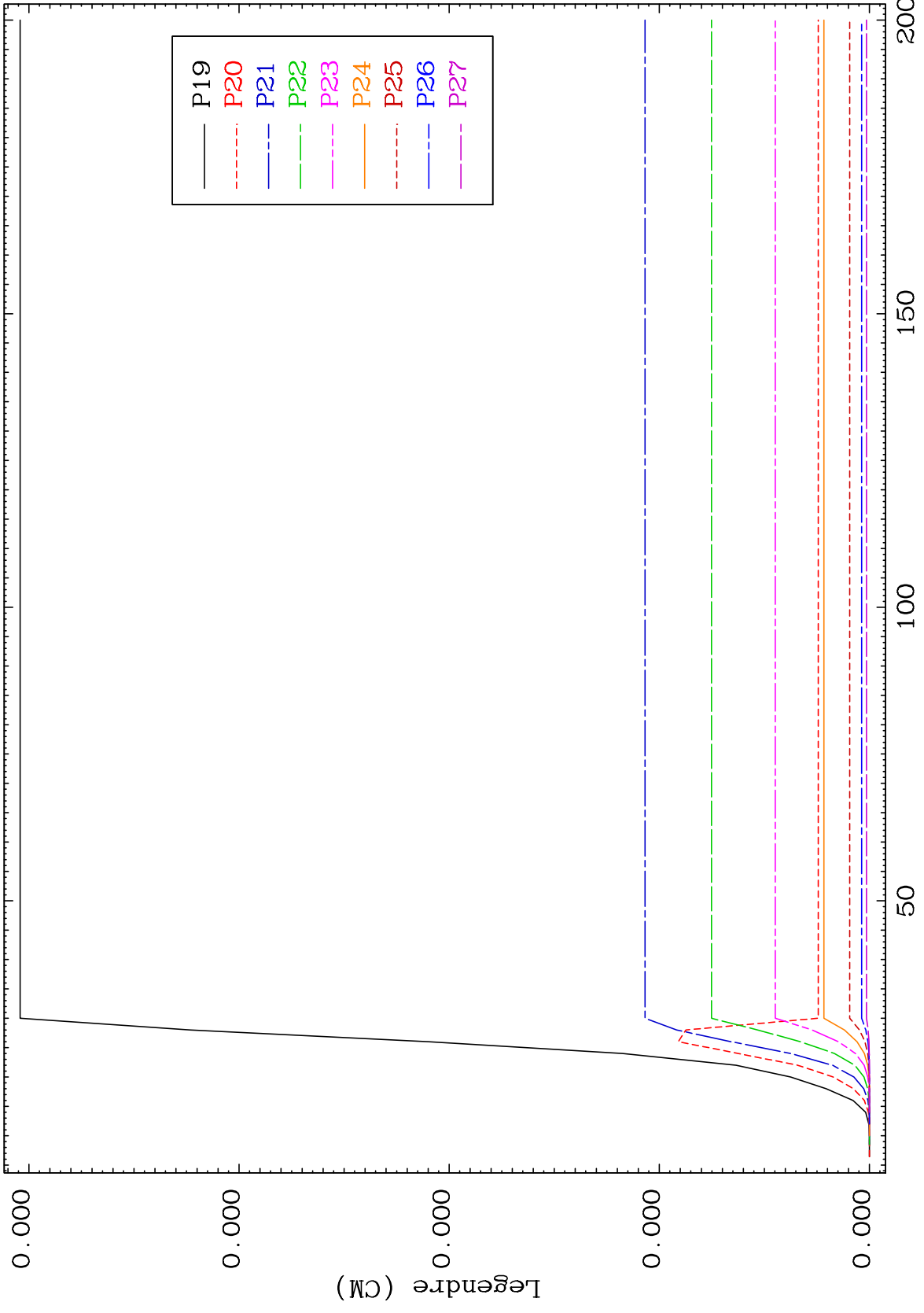
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



65

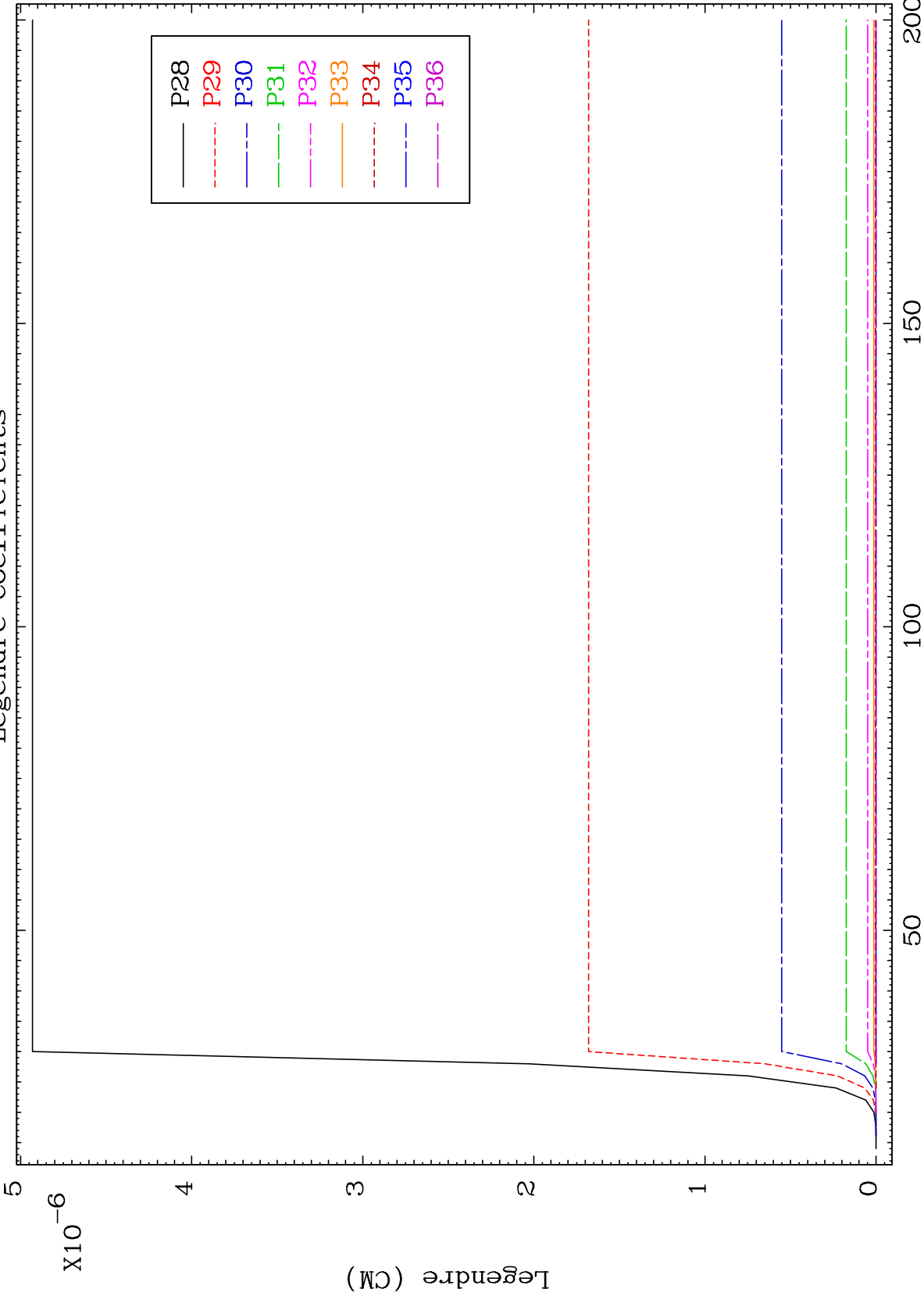
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



66

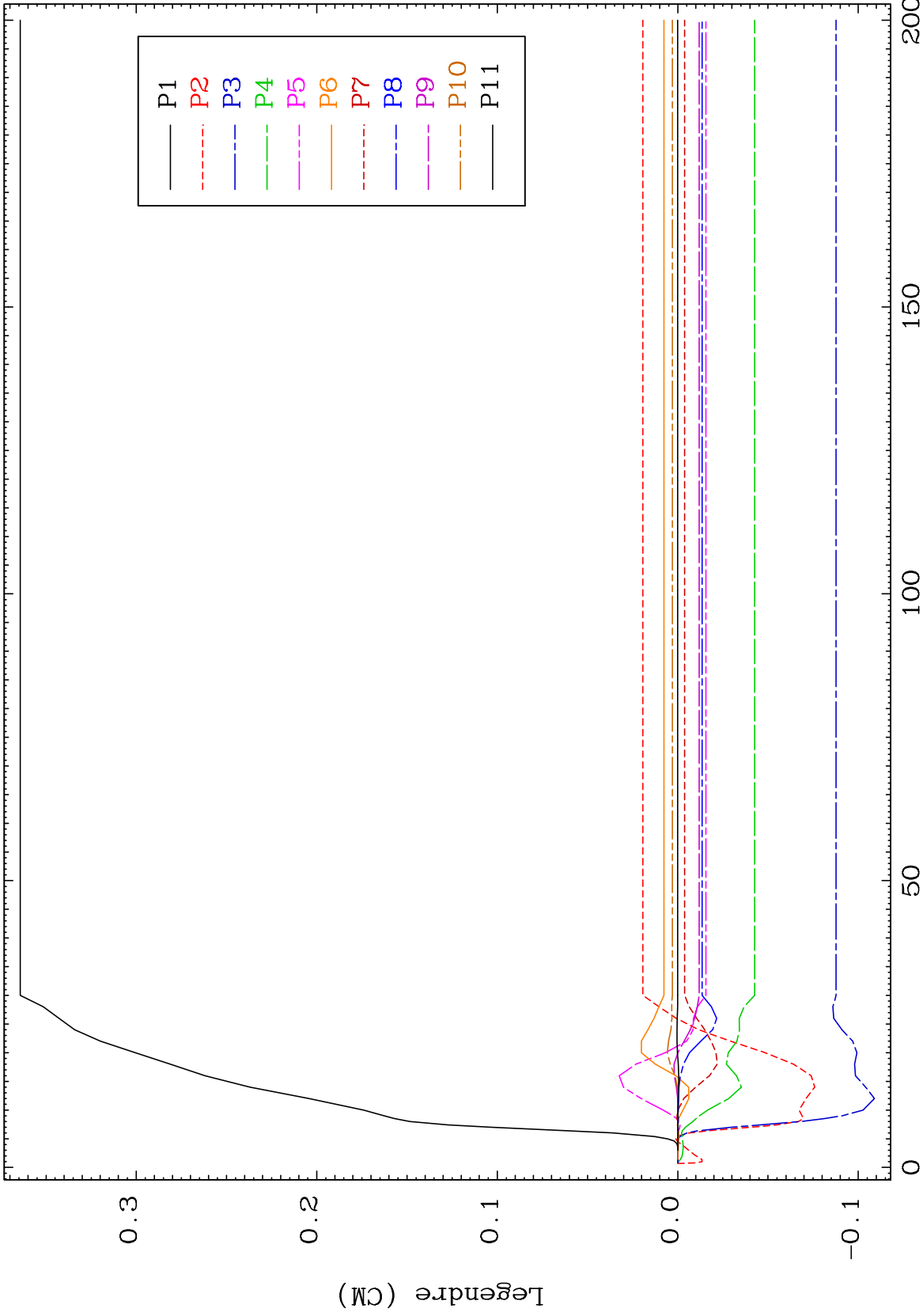
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



67

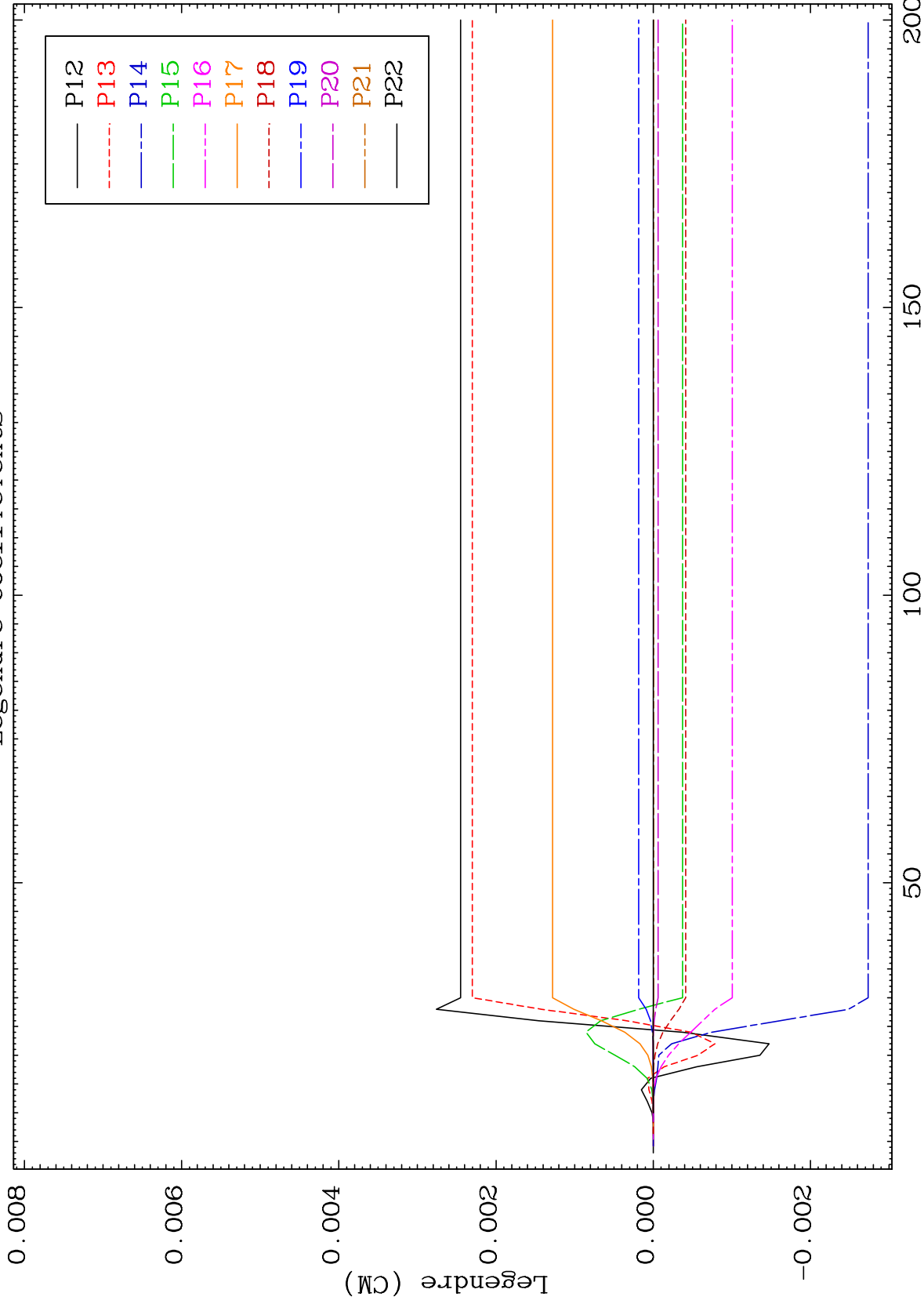
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



68

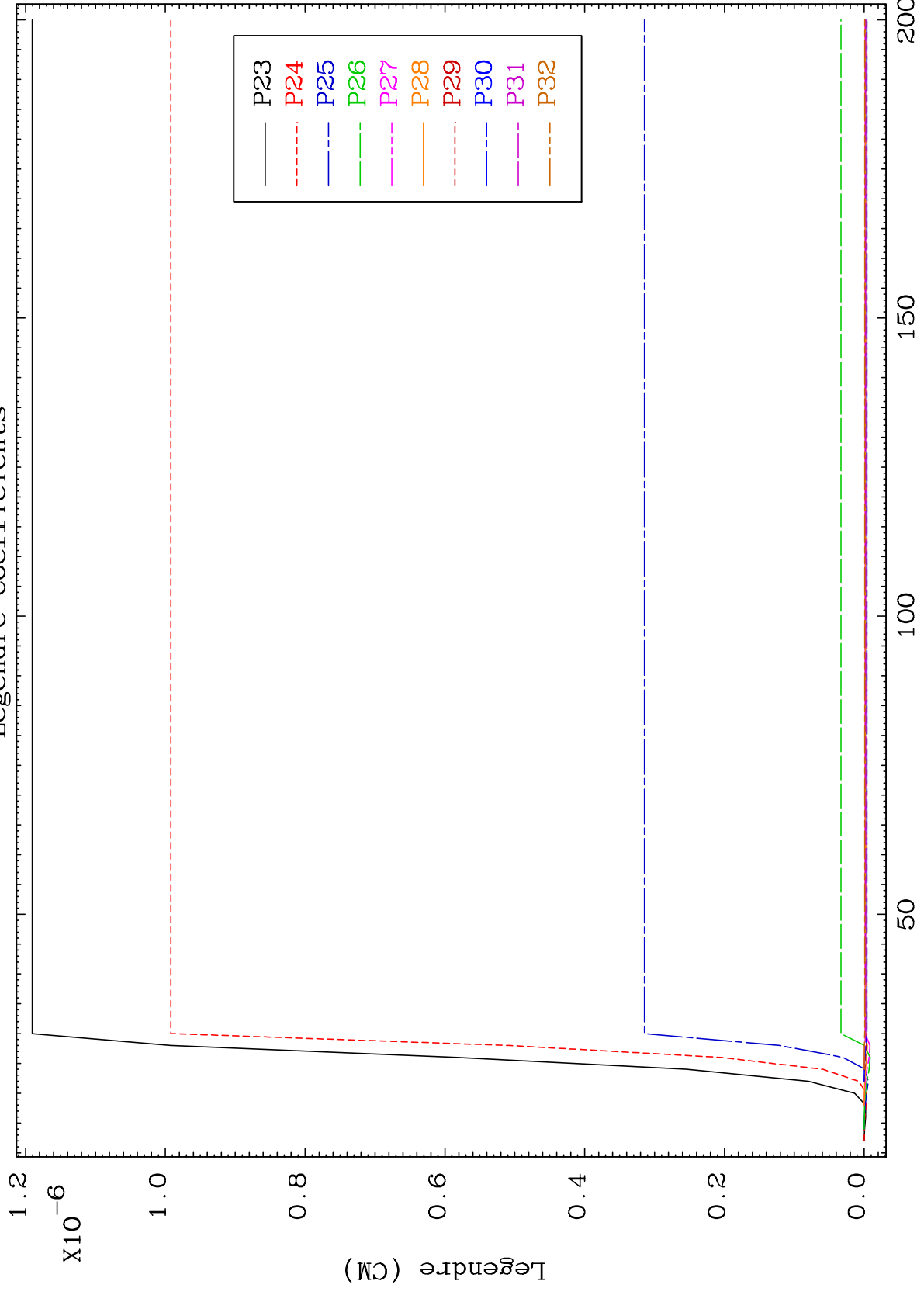
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



69

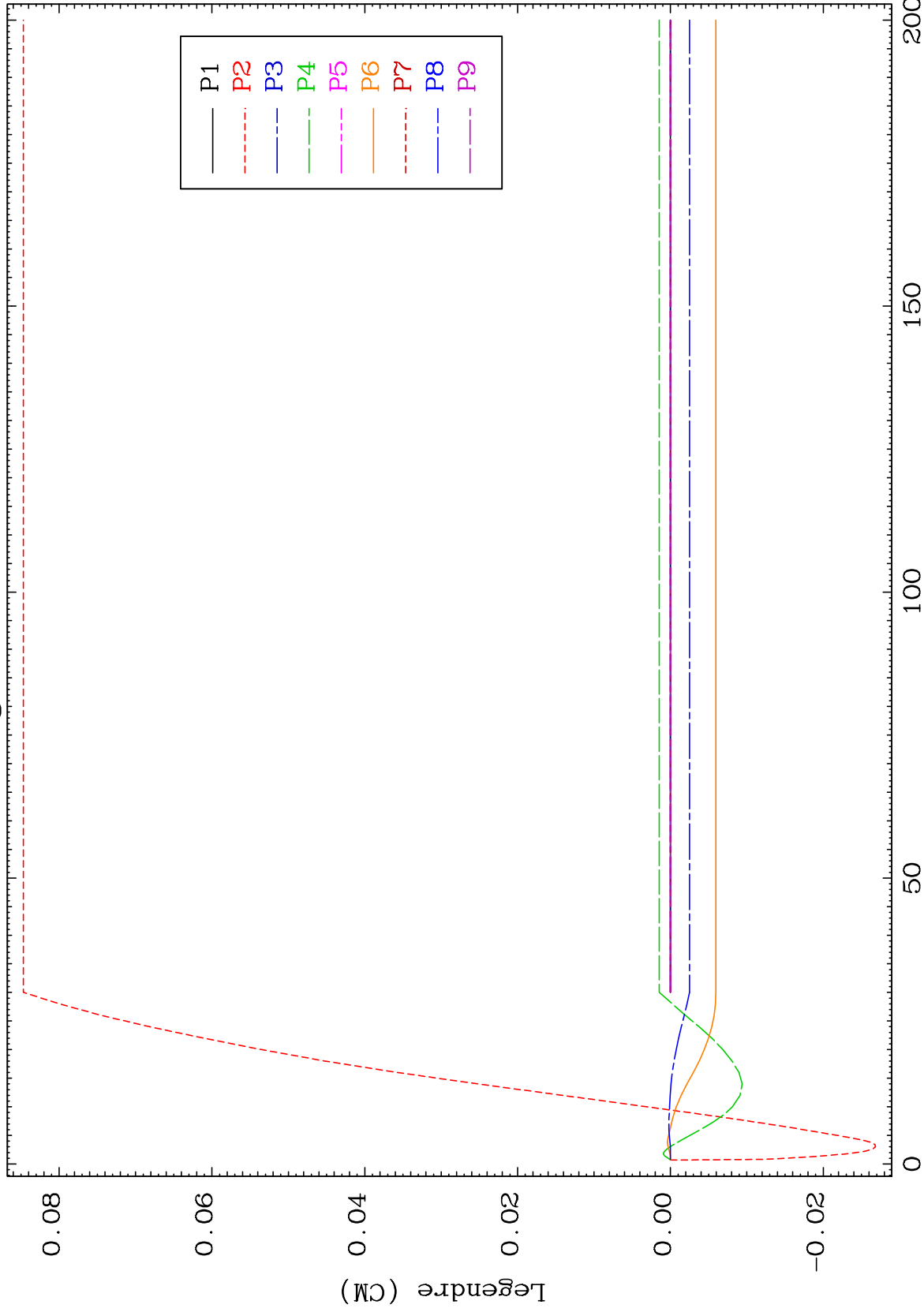
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



72-Hf-179

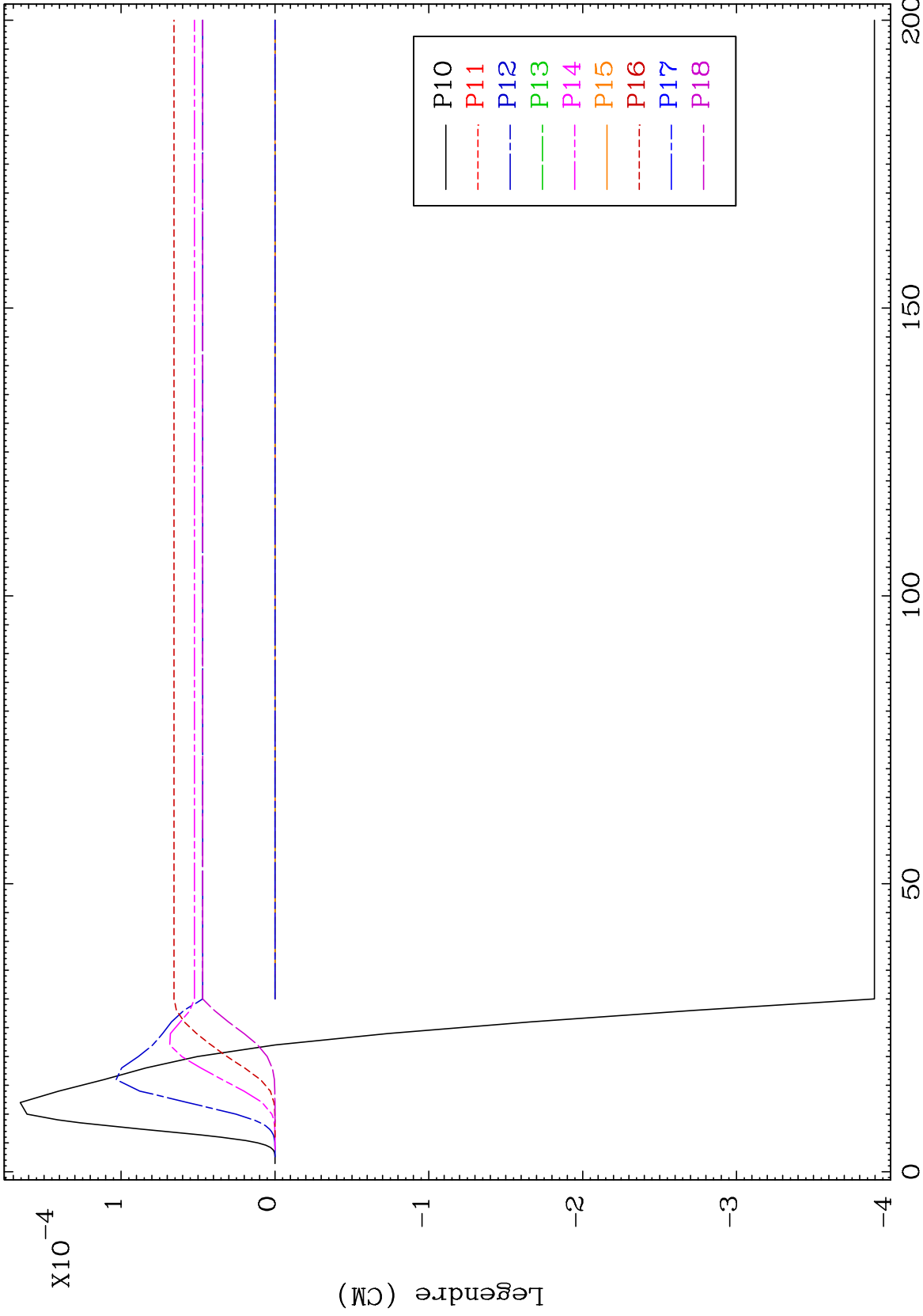
Incident Energy (MeV)

70

MAT 7240

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

72-Hf-179



71

Incident Energy (MeV)

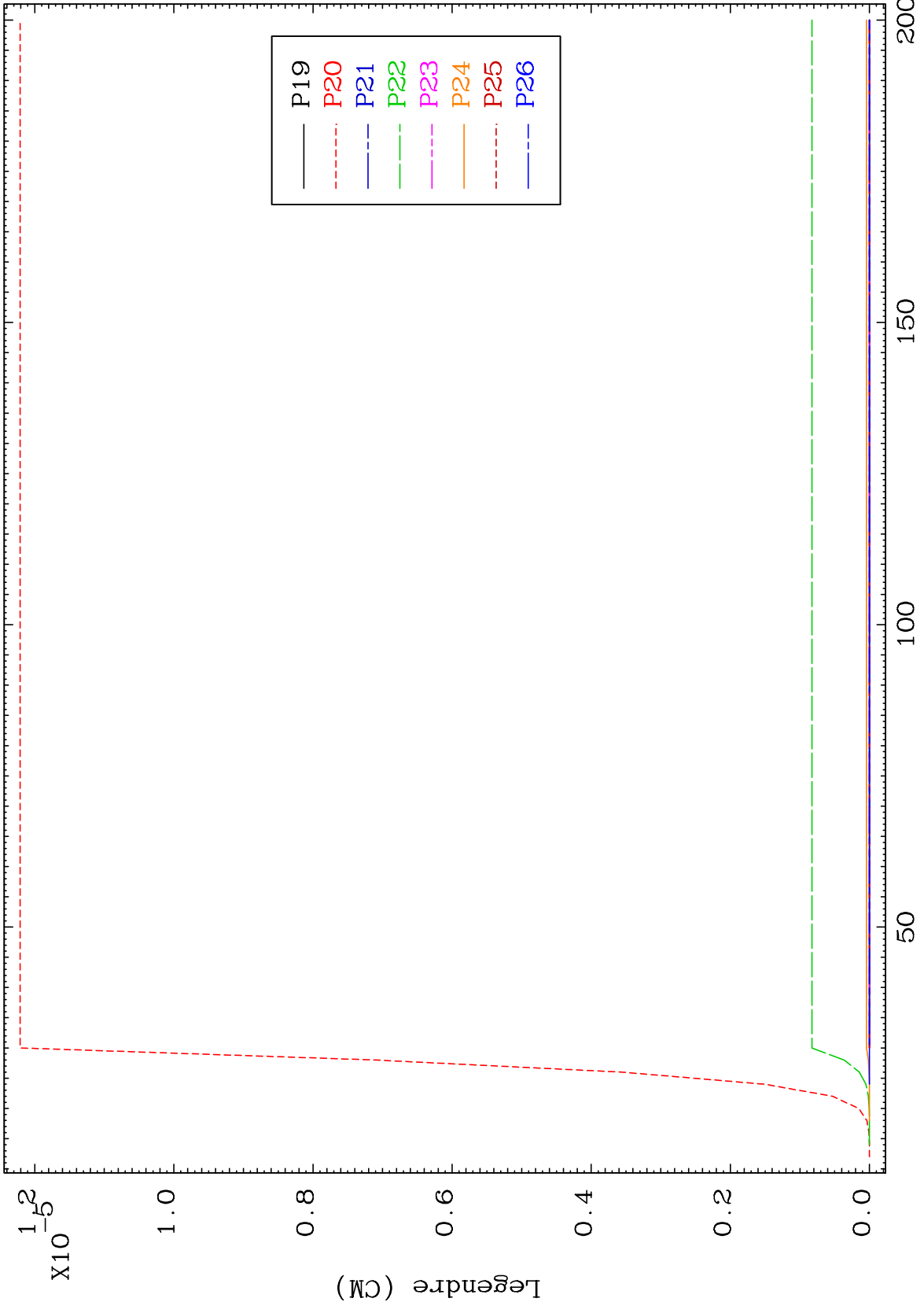
72-Hf-179



MAT 7240

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

72-Hf-179



72

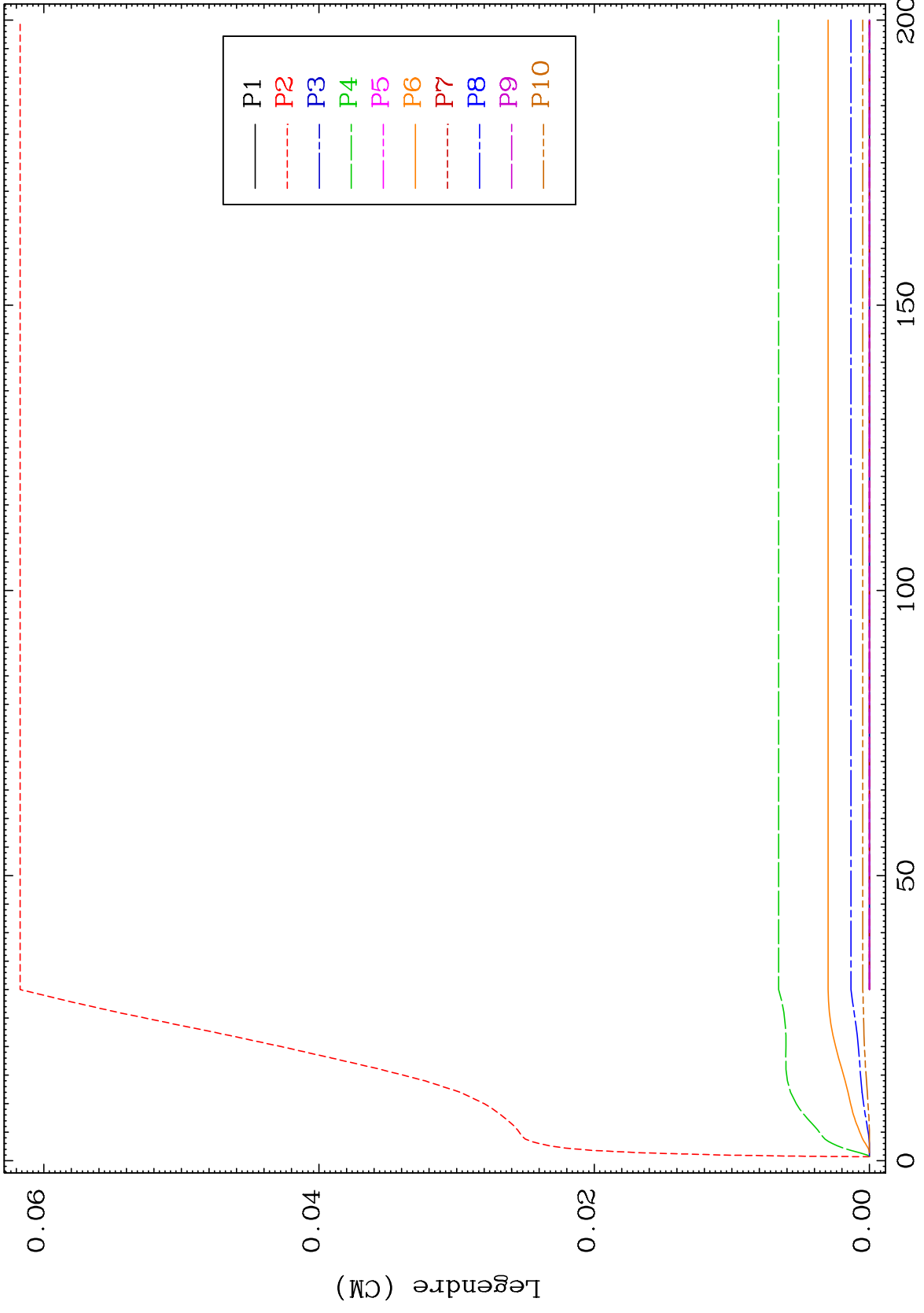
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



73

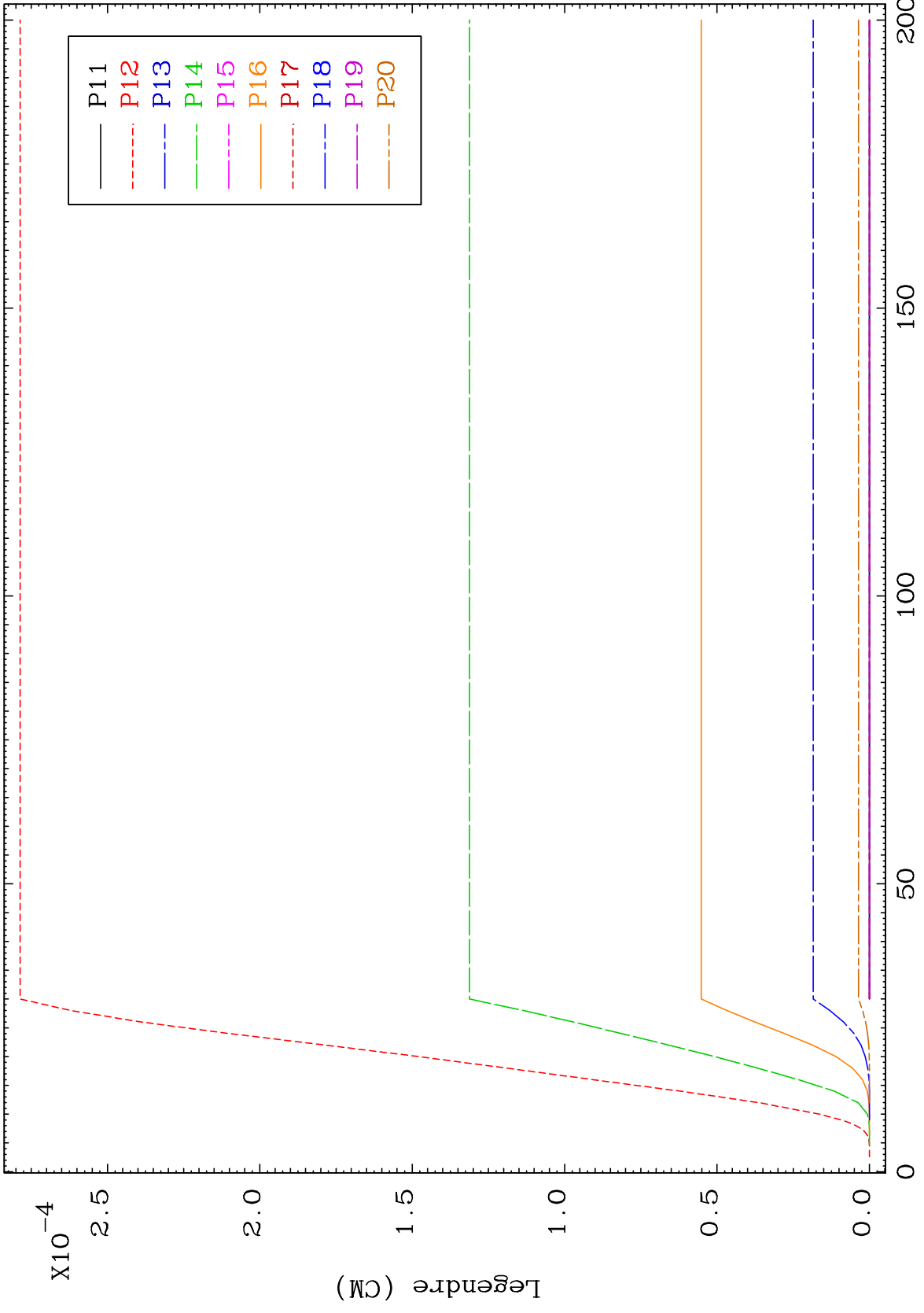
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179

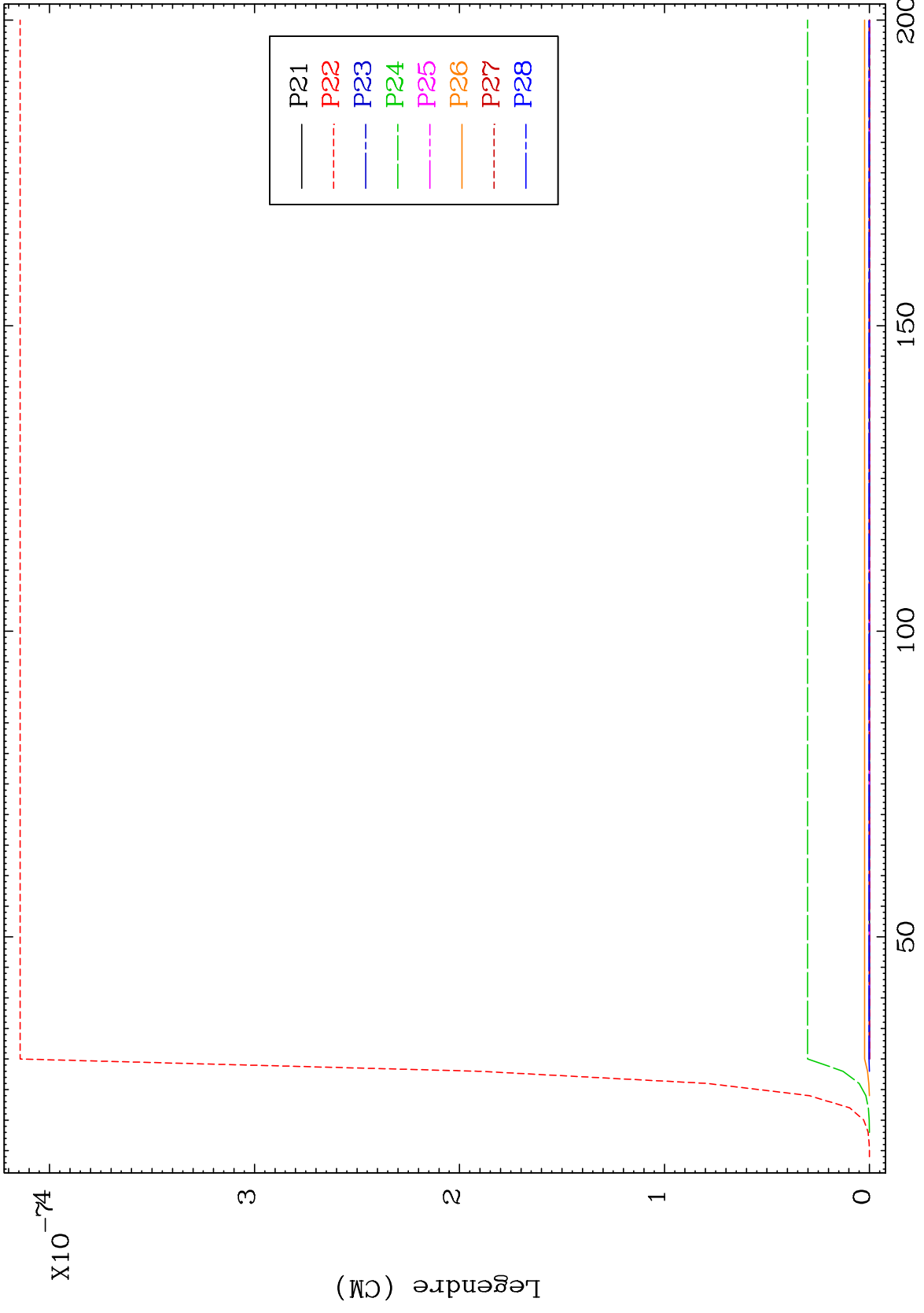


74

Incident Energy (MeV)

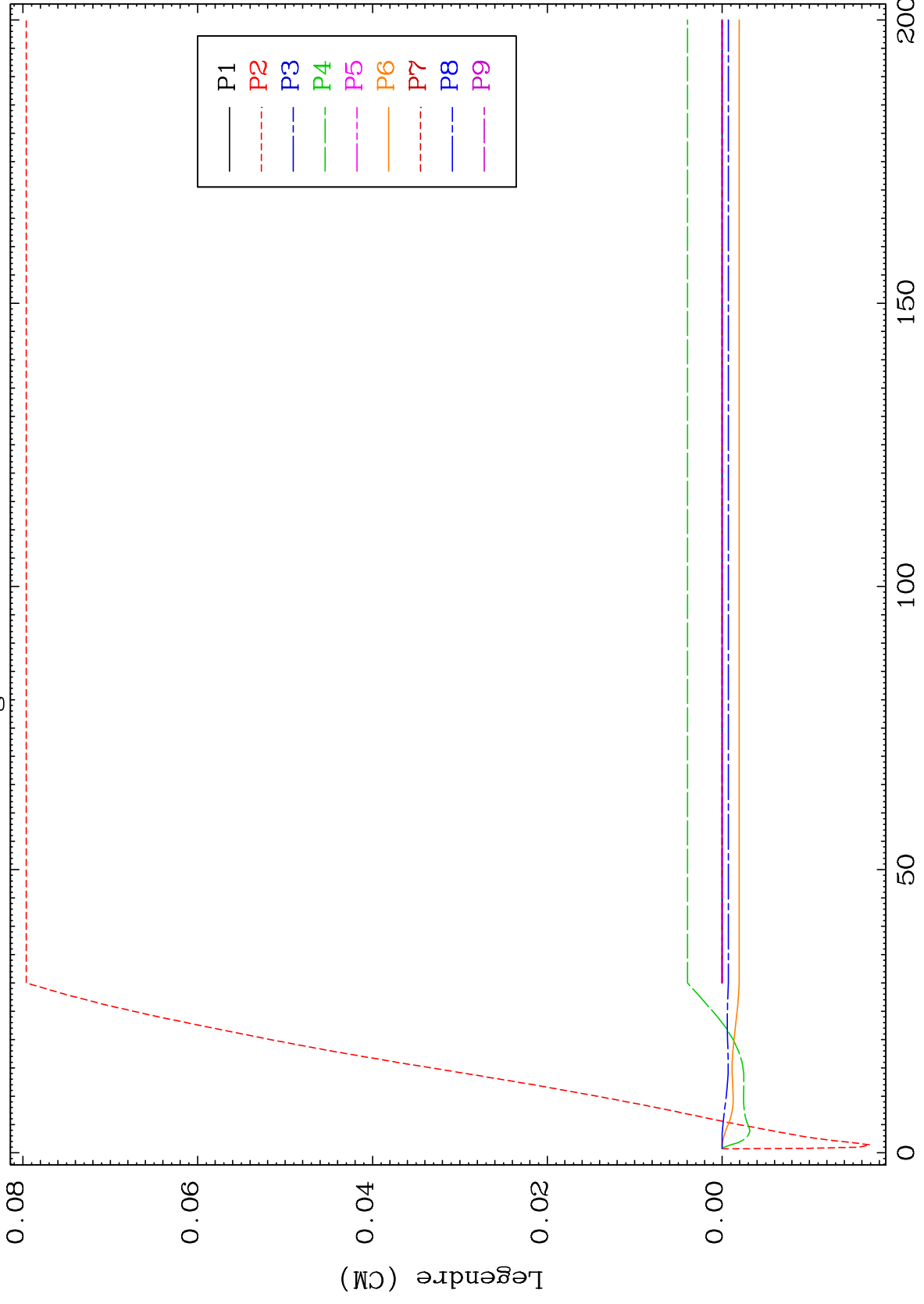
72-Hf-179

MAT 7240 MT= 67 (n,n') Level Legendre Coefficients 72-Hf-179



75 72-Hf-179

MAT 7240 MT= 68 (n,n') Level Legendre Coefficients 72-Hf-179

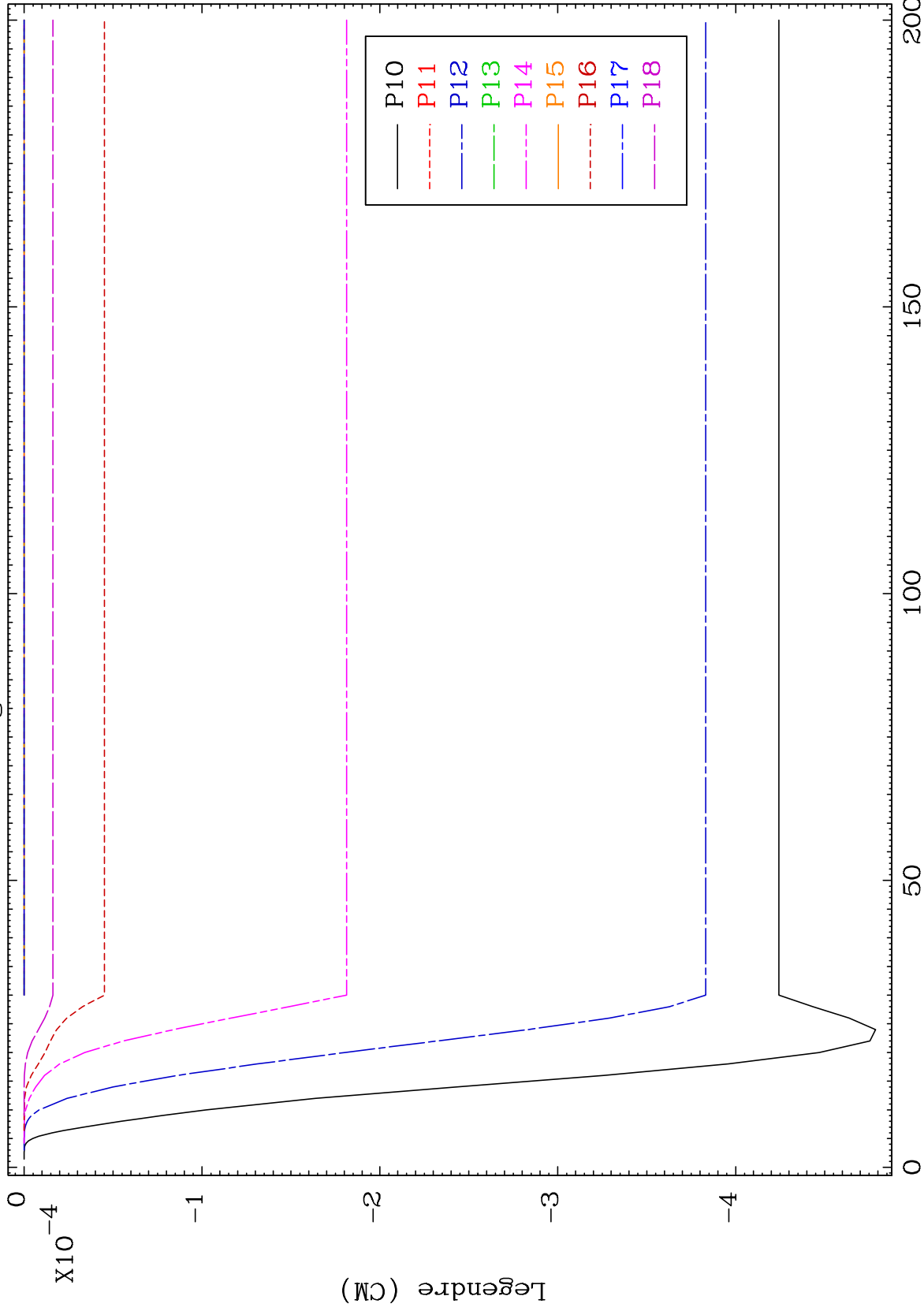


76 72-Hf-179

MAT 7240

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

72-Hf-179

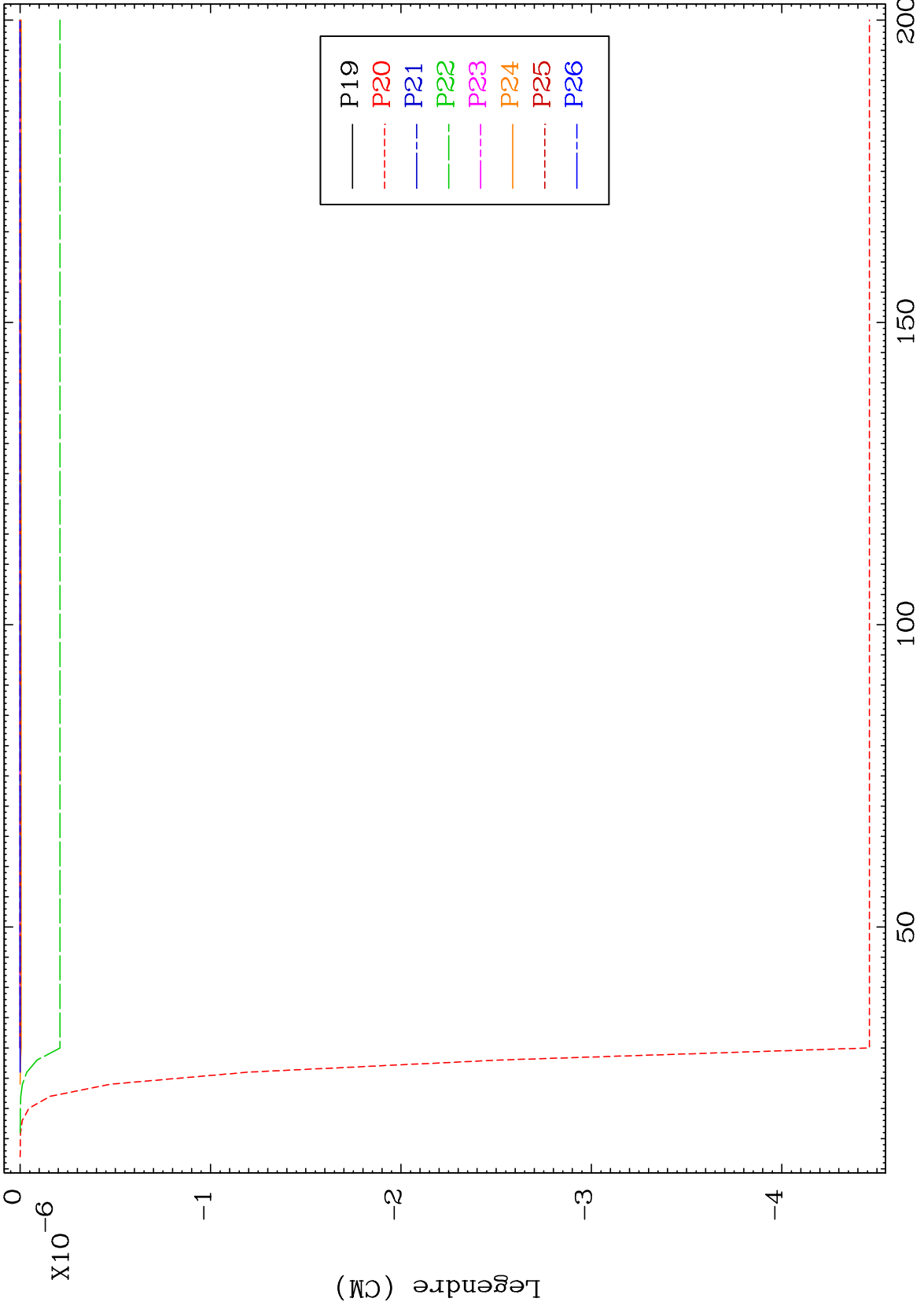


72-Hf-179

Incident Energy (MeV)

77

MAT 7240 MT= 68 (n,n') Level Legendre Coefficients 72-Hf-179

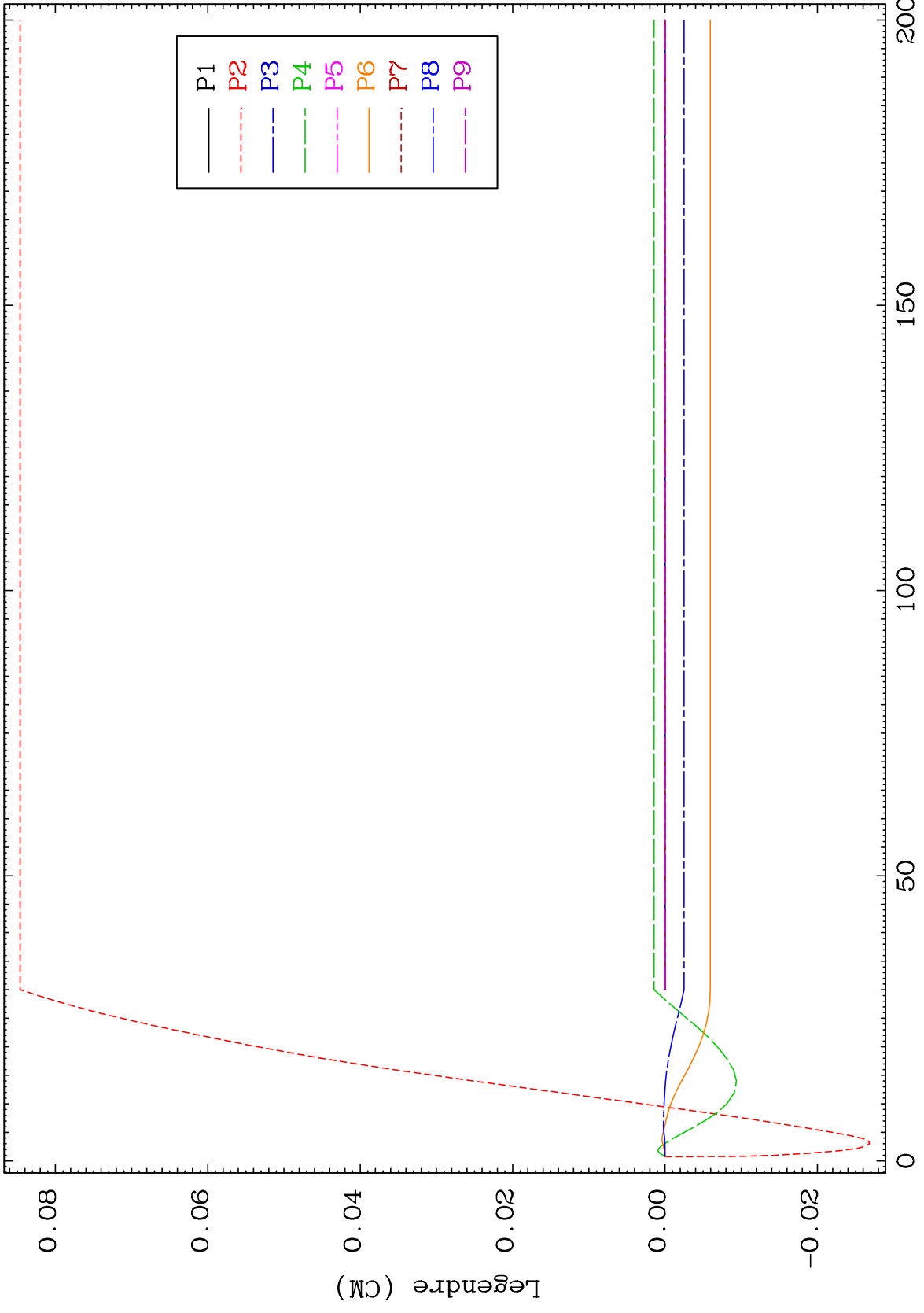


78 72-Hf-179

MAT 7240

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

72-Hf-179



79

Incident Energy (MeV)

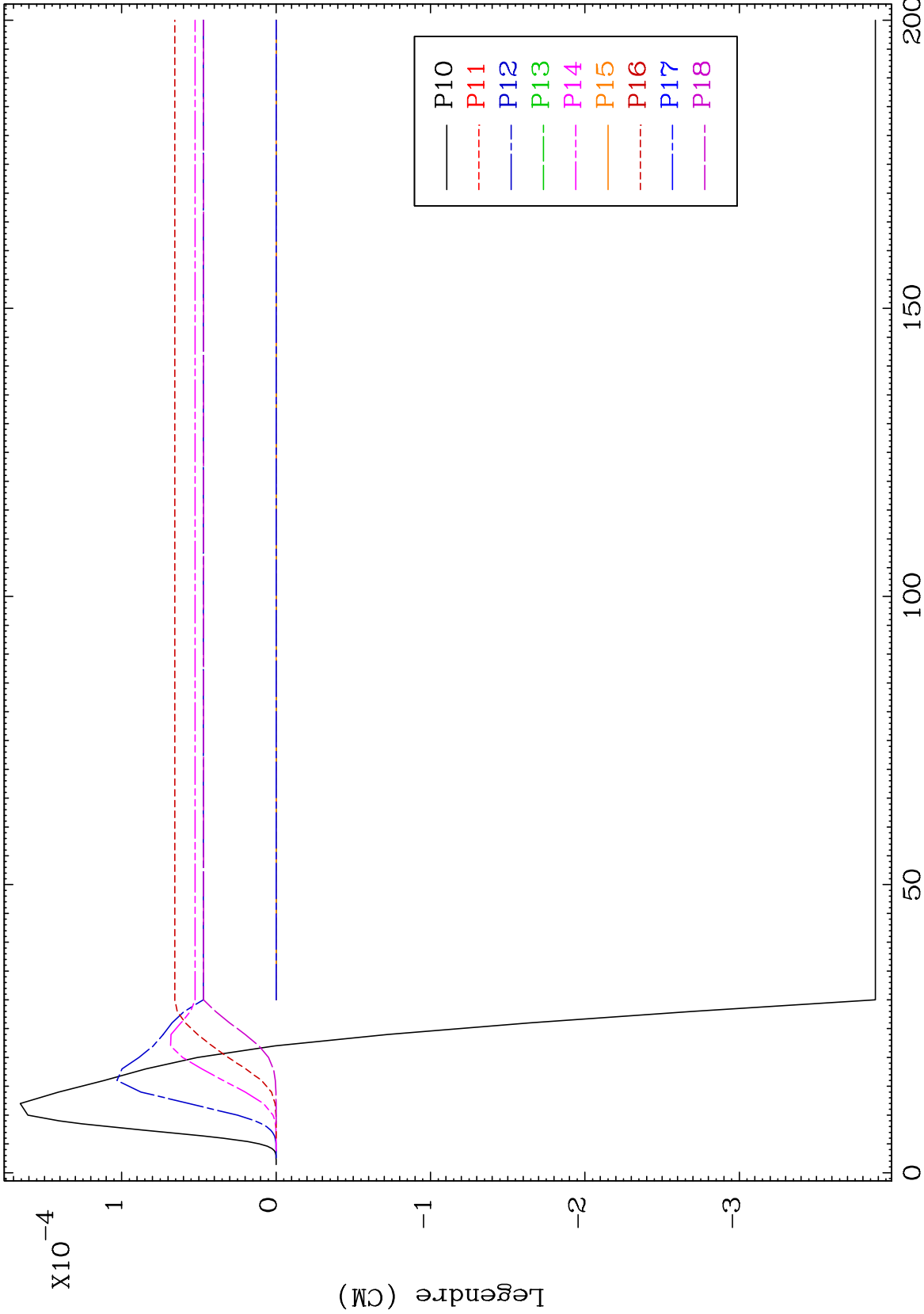
72-Hf-179



MAT 7240

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

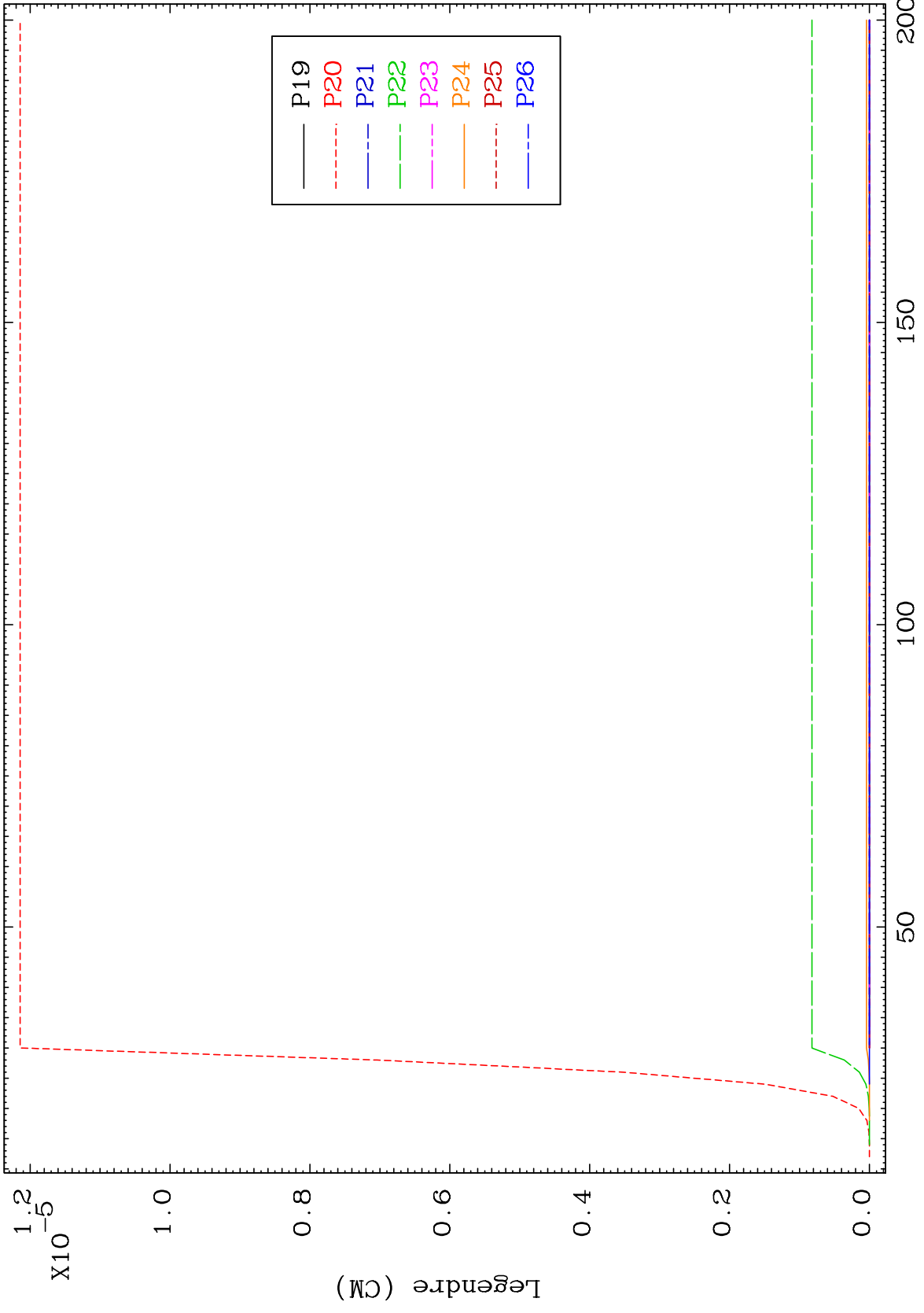
72-Hf-179



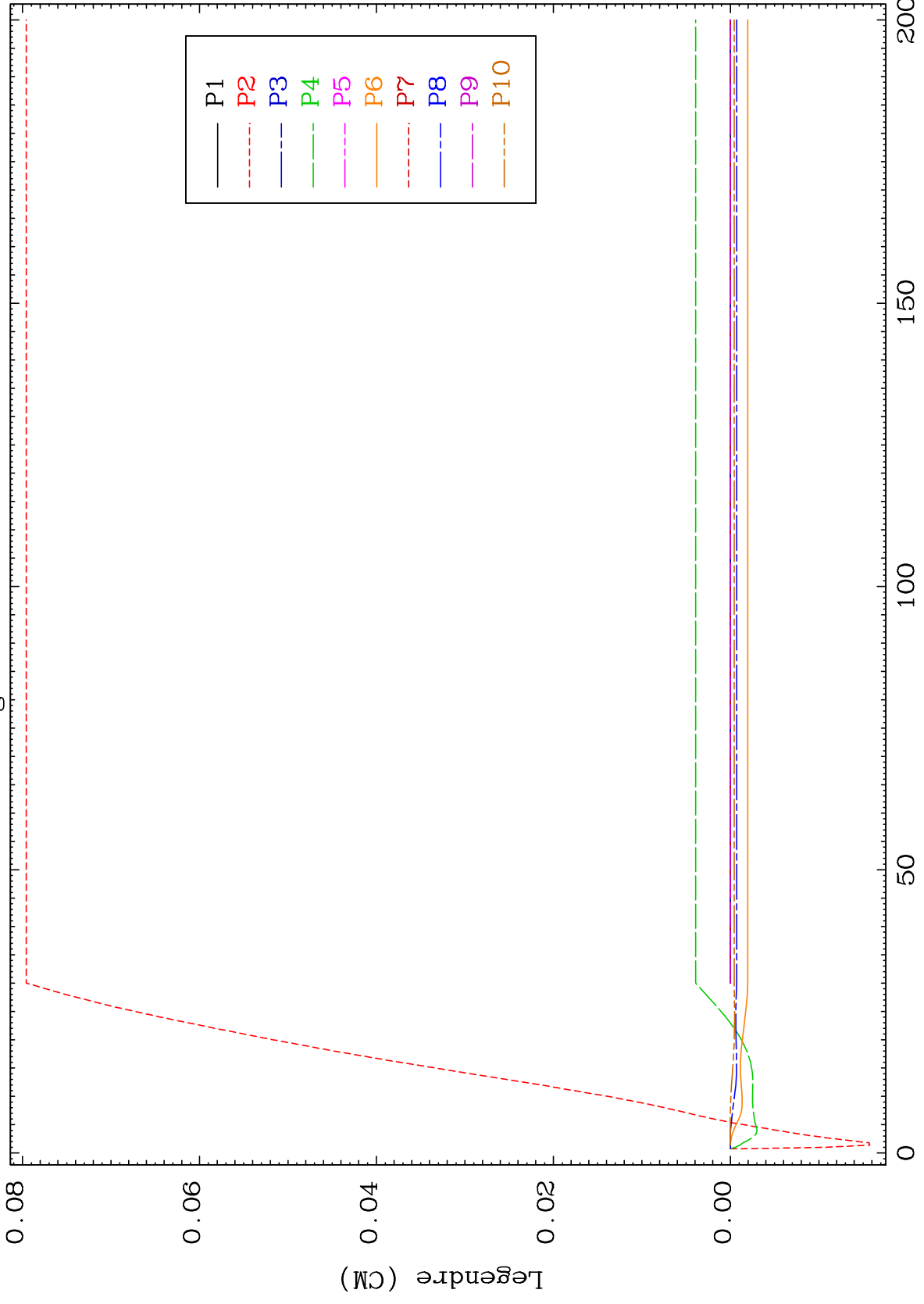
80

Incident Energy (MeV)

72-Hf-179



MAT 7240 MT= 70 (n,n') Level Legendre Coefficients 72-Hf-179

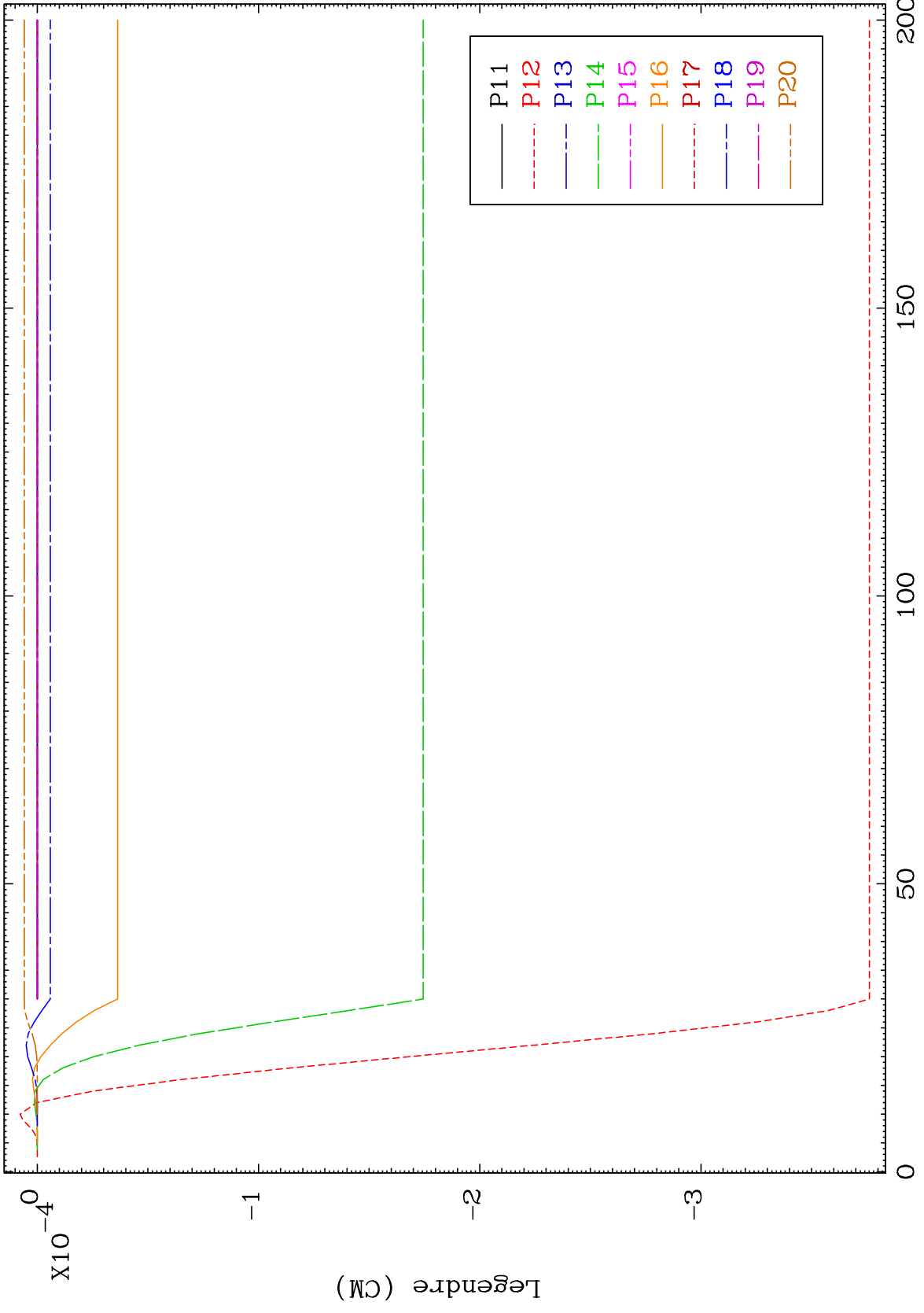


82 Incident Energy (MeV) 72-Hf-179

MAT 7240

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

72-Hf-179

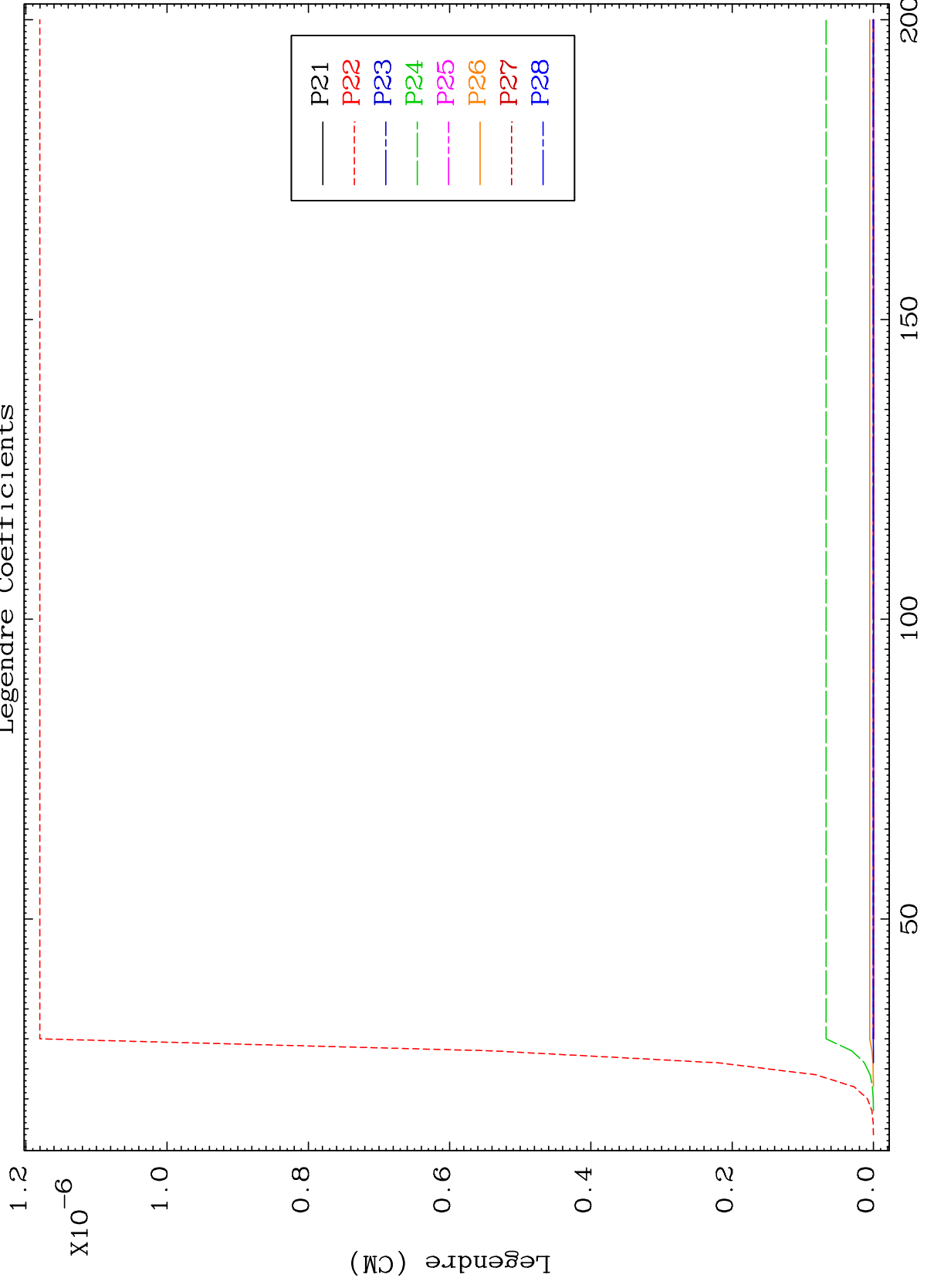


83

Incident Energy (MeV)

72-Hf-179

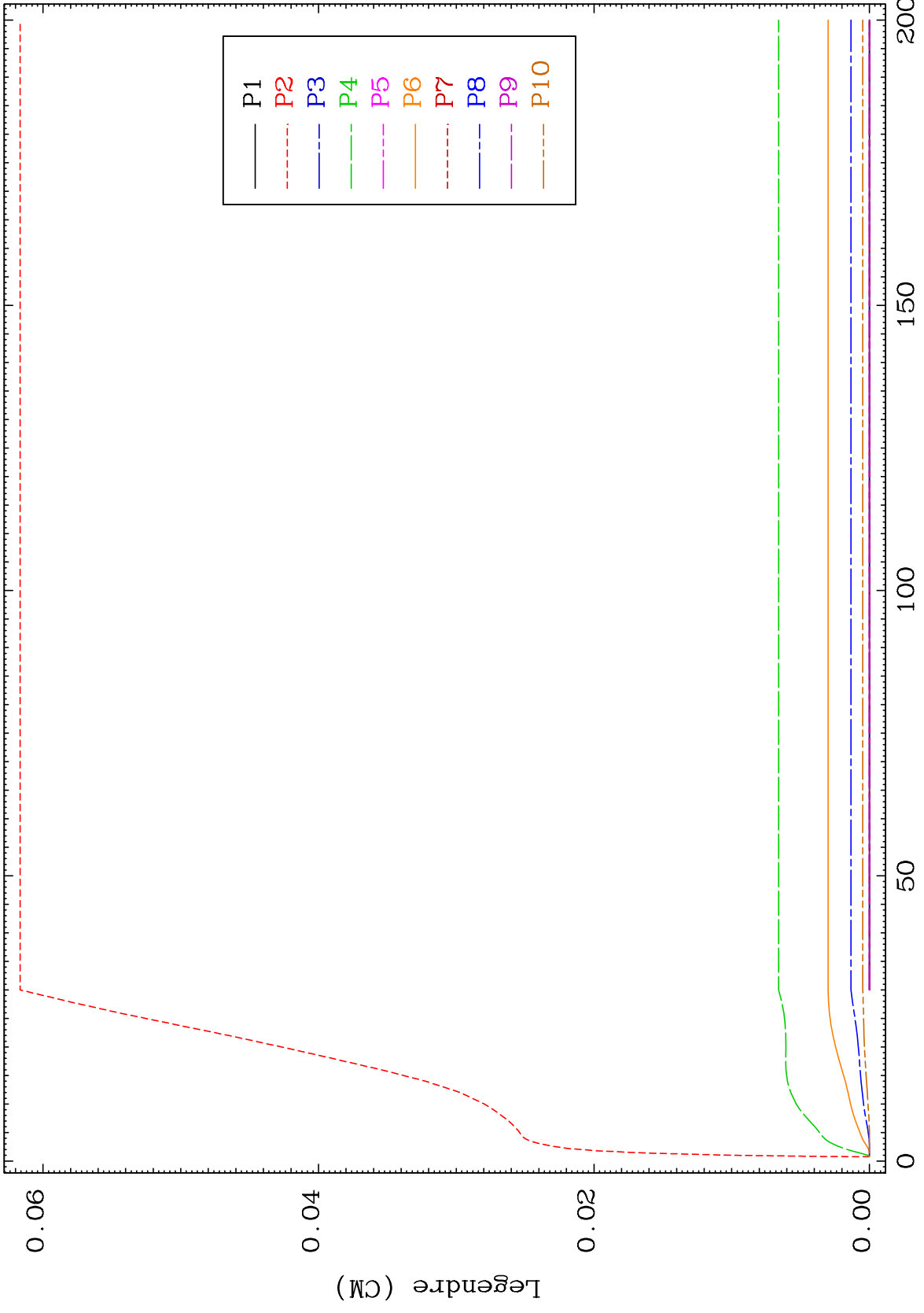
MAT 7240 MT= 70 (n,n') Level Legendre Coefficients 72-Hf-179



MAT 7240

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

72-Hf-179



85

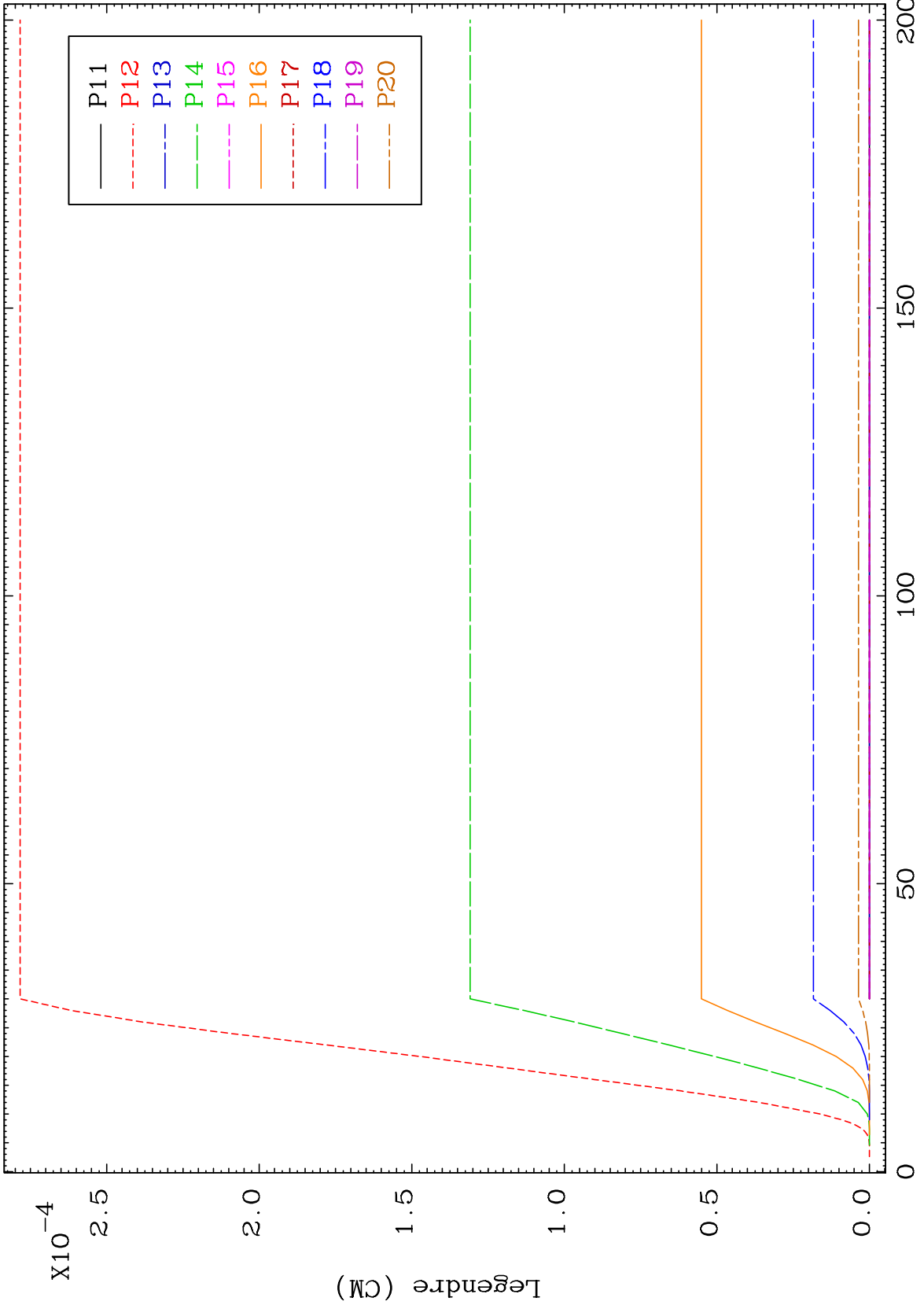
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

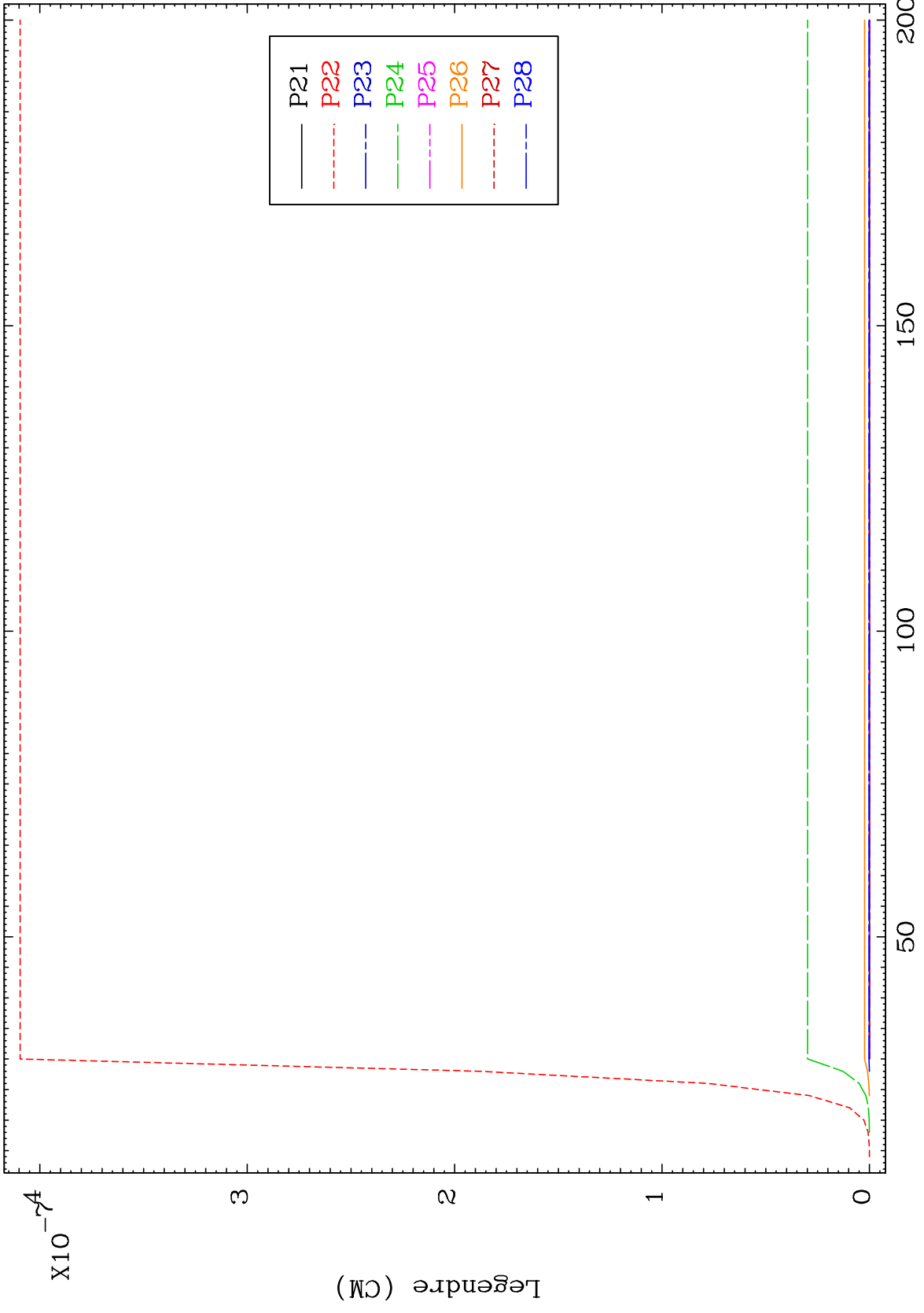
72-Hf-179



86

72-Hf-179

MAT 7240 MT= 71 (n,n') Level Legendre Coefficients 72-Hf-179



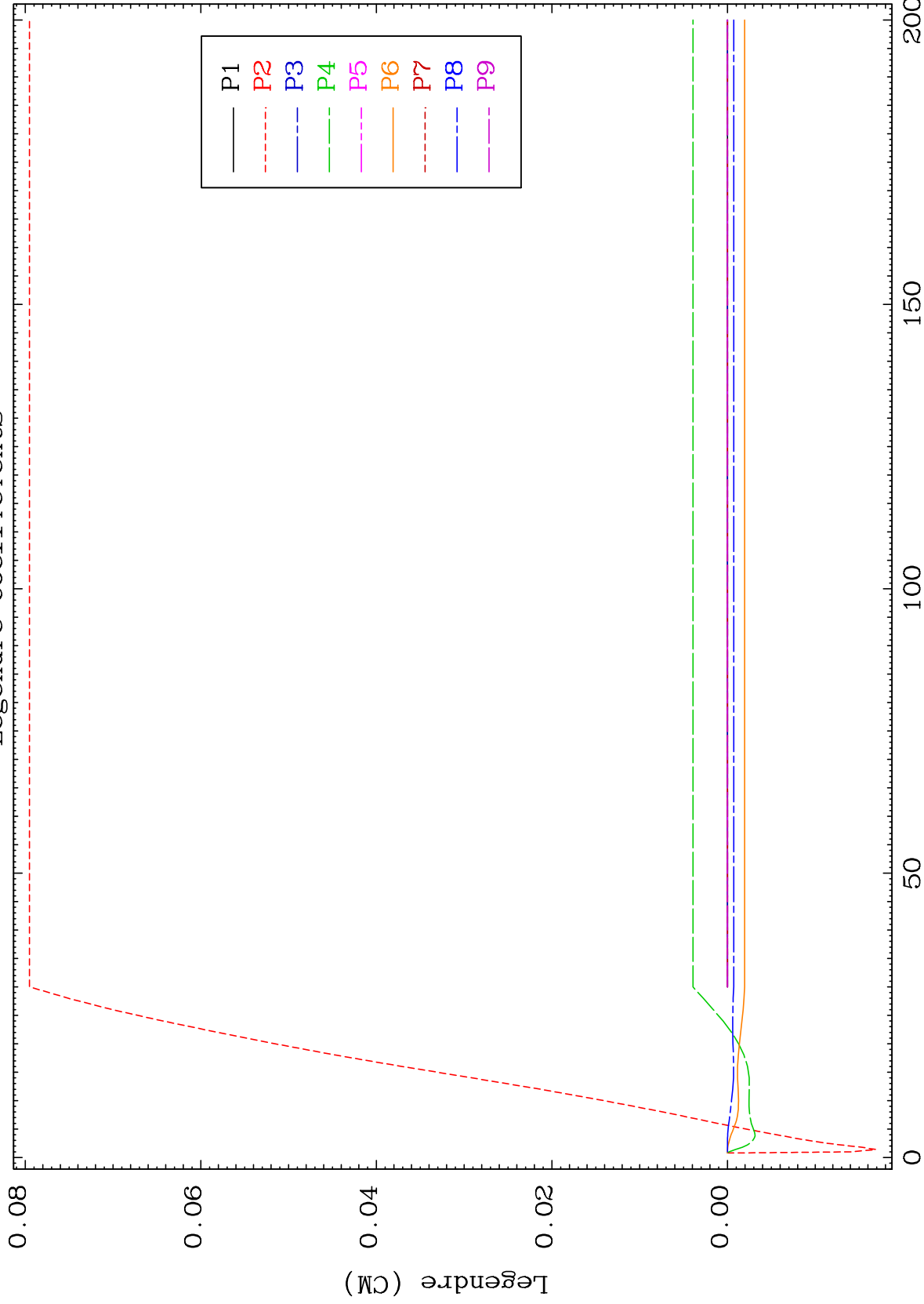
87 72-Hf-179



MAT 7240

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

72-Hf-179

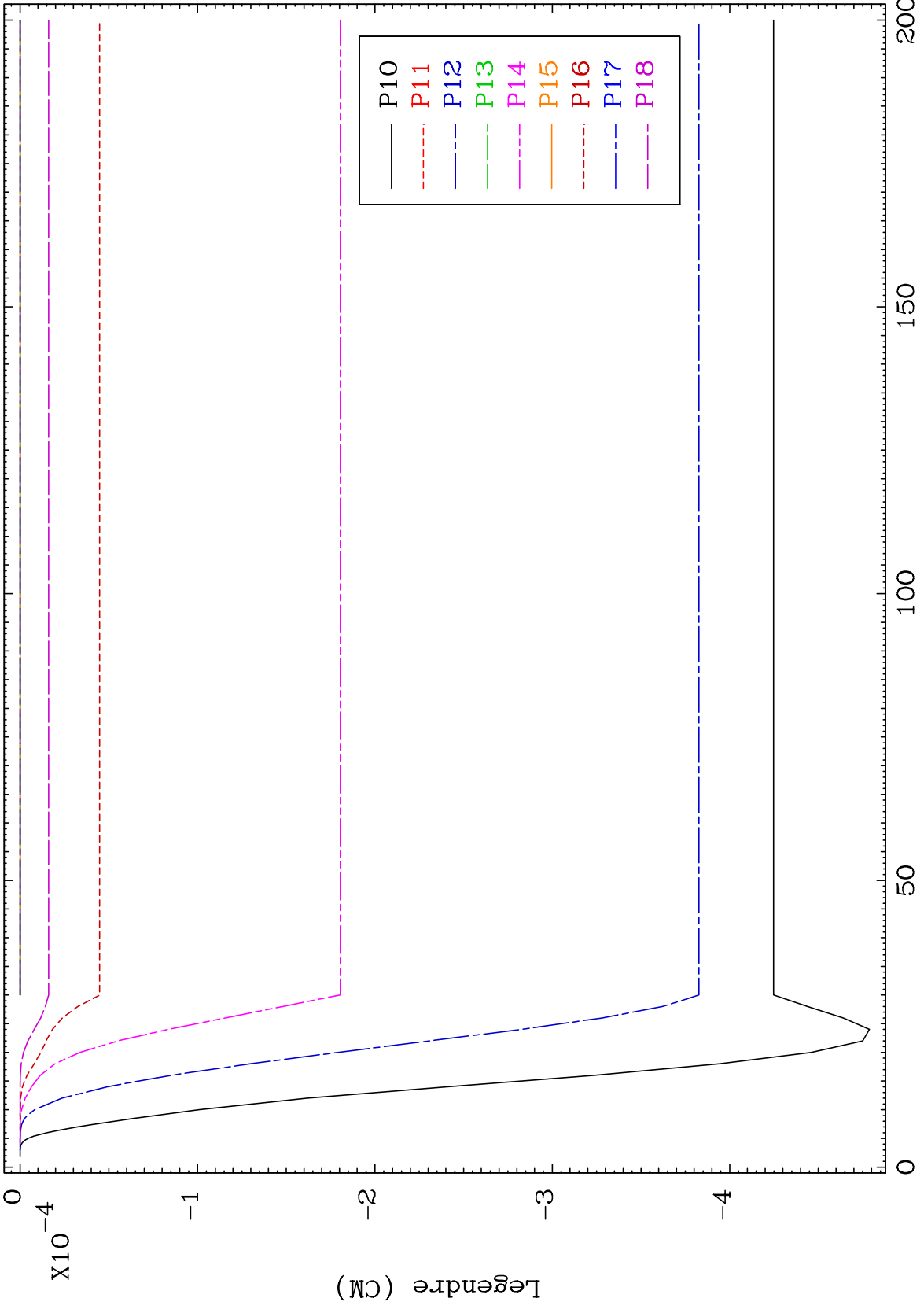


88

Incident Energy (MeV)

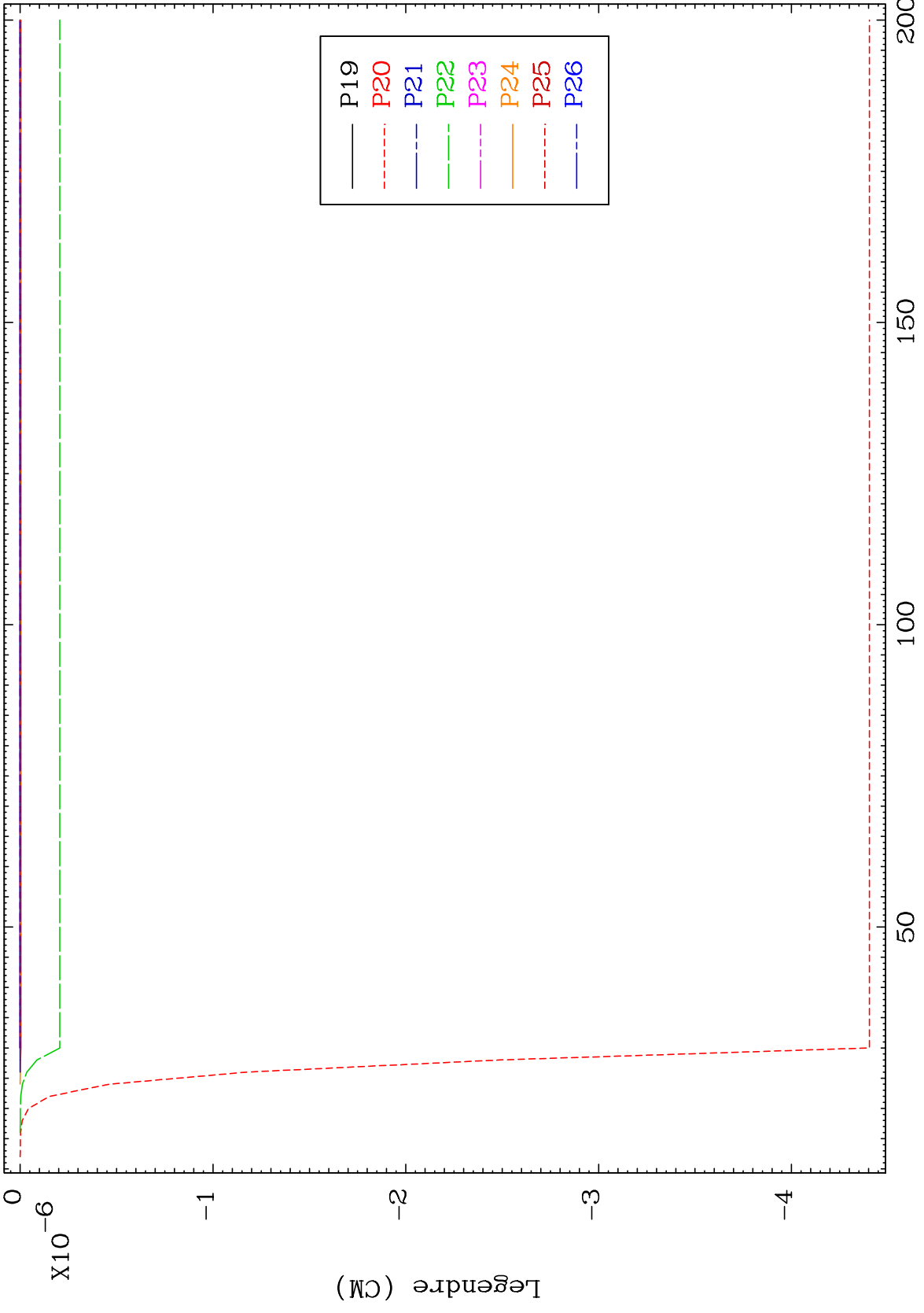
72-Hf-179

MAT 7240 MT= 72 (n,n') Level Legendre Coefficients 72-Hf-179



89 72-Hf-179

MAT 7240 MT= 72 (n,n') Level Legendre Coefficients 72-Hf-179

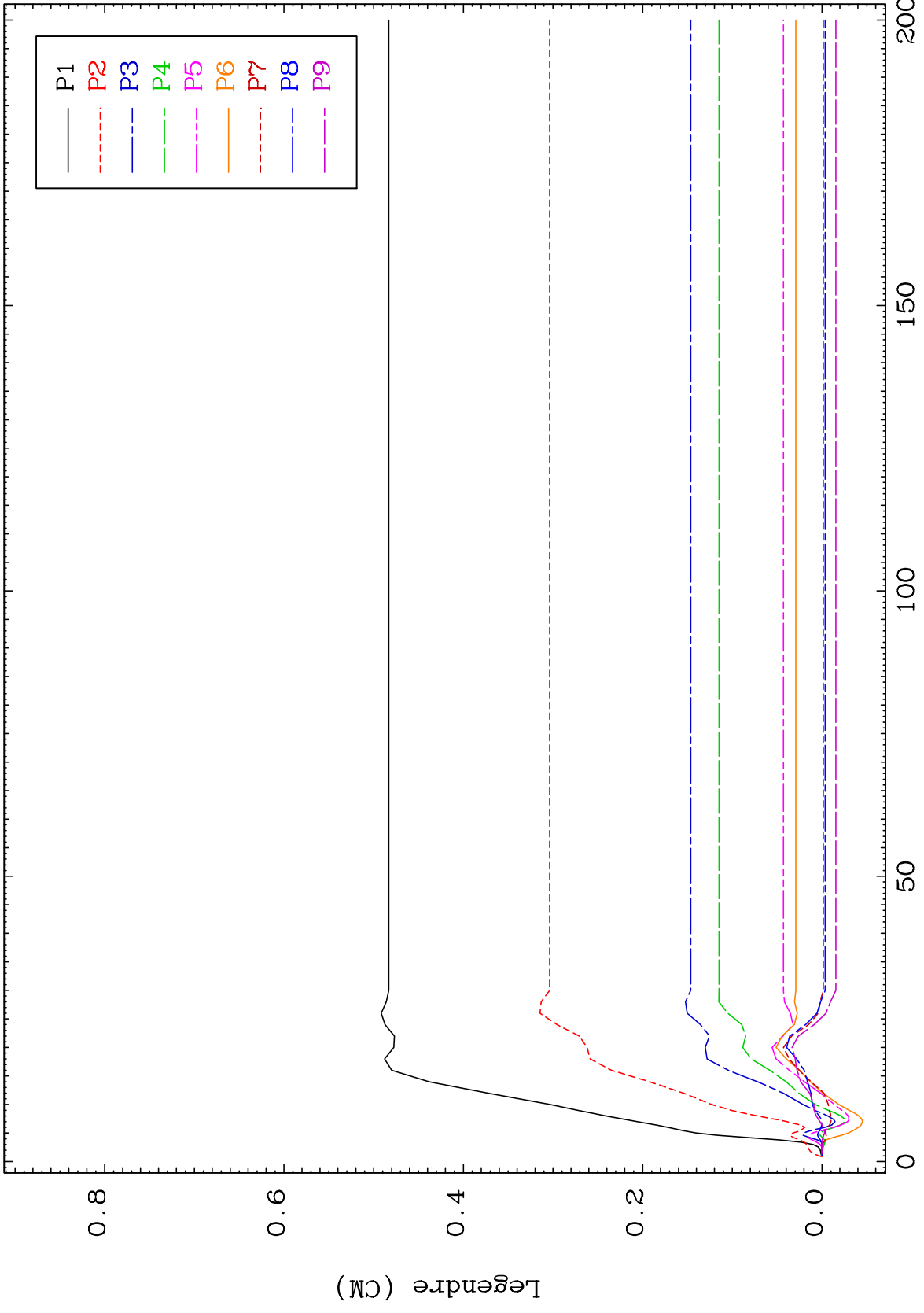


90 50 100 150 200 72-Hf-179

MAT 7240

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

72-Hf-179



91

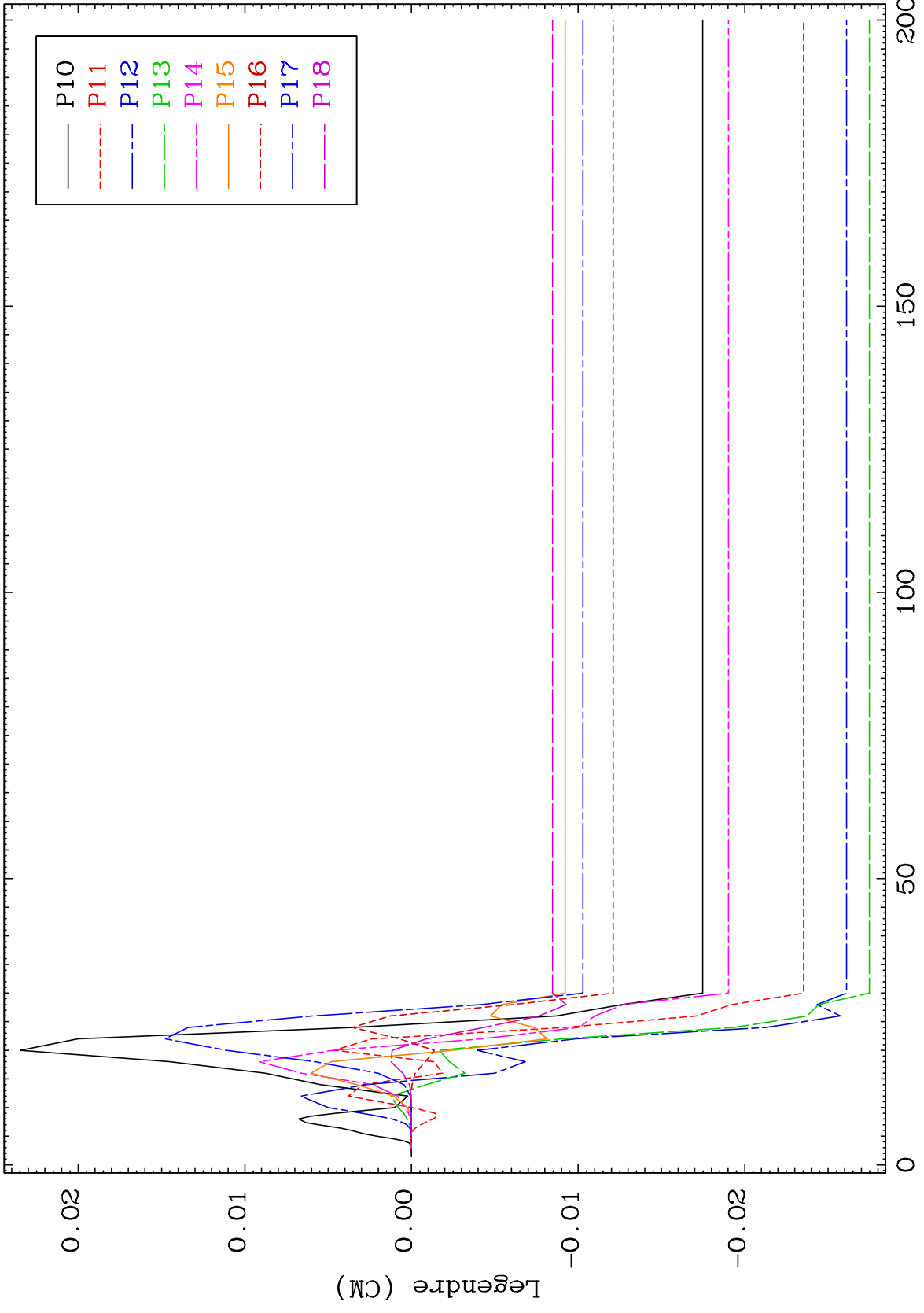
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



92

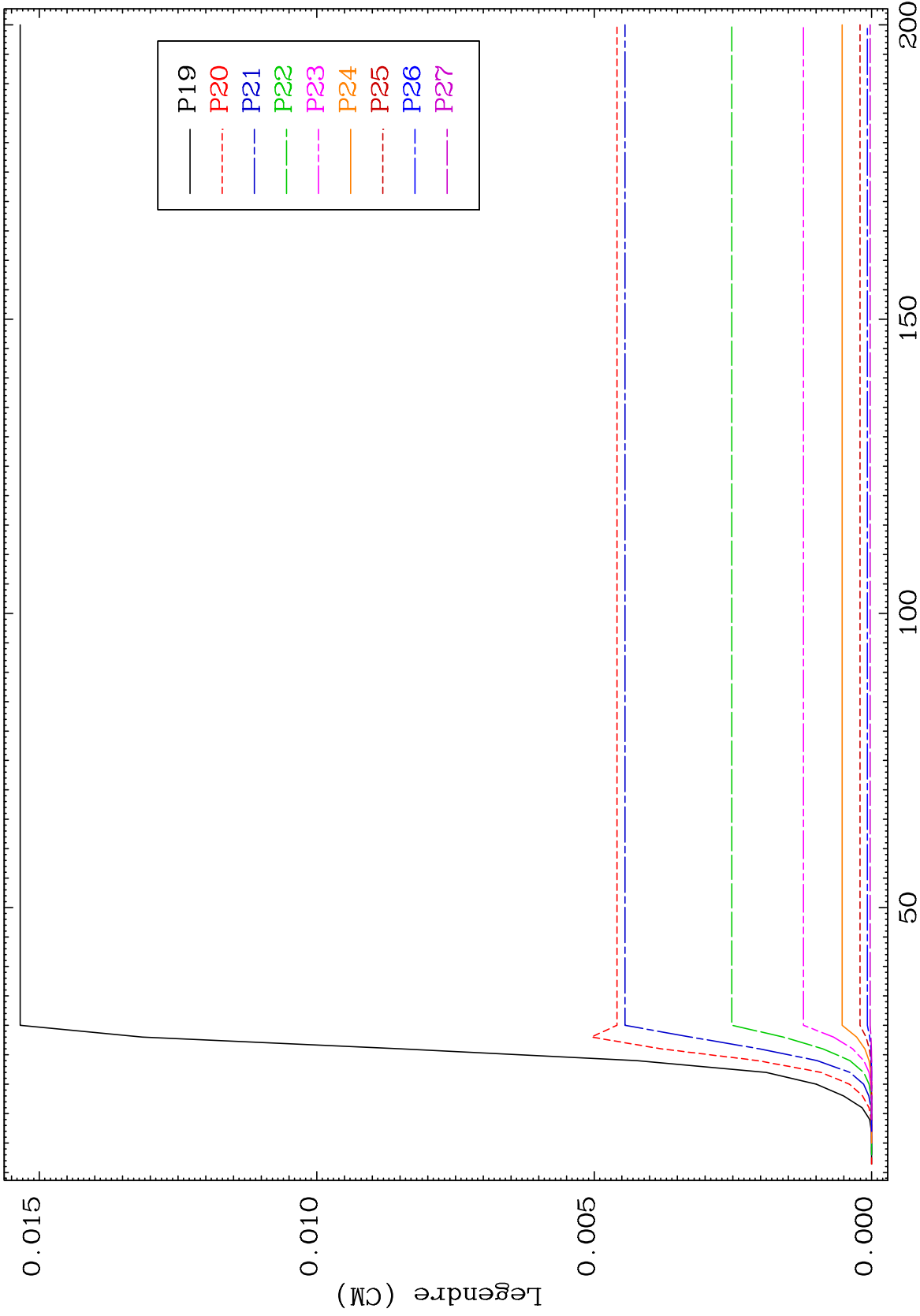
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



93

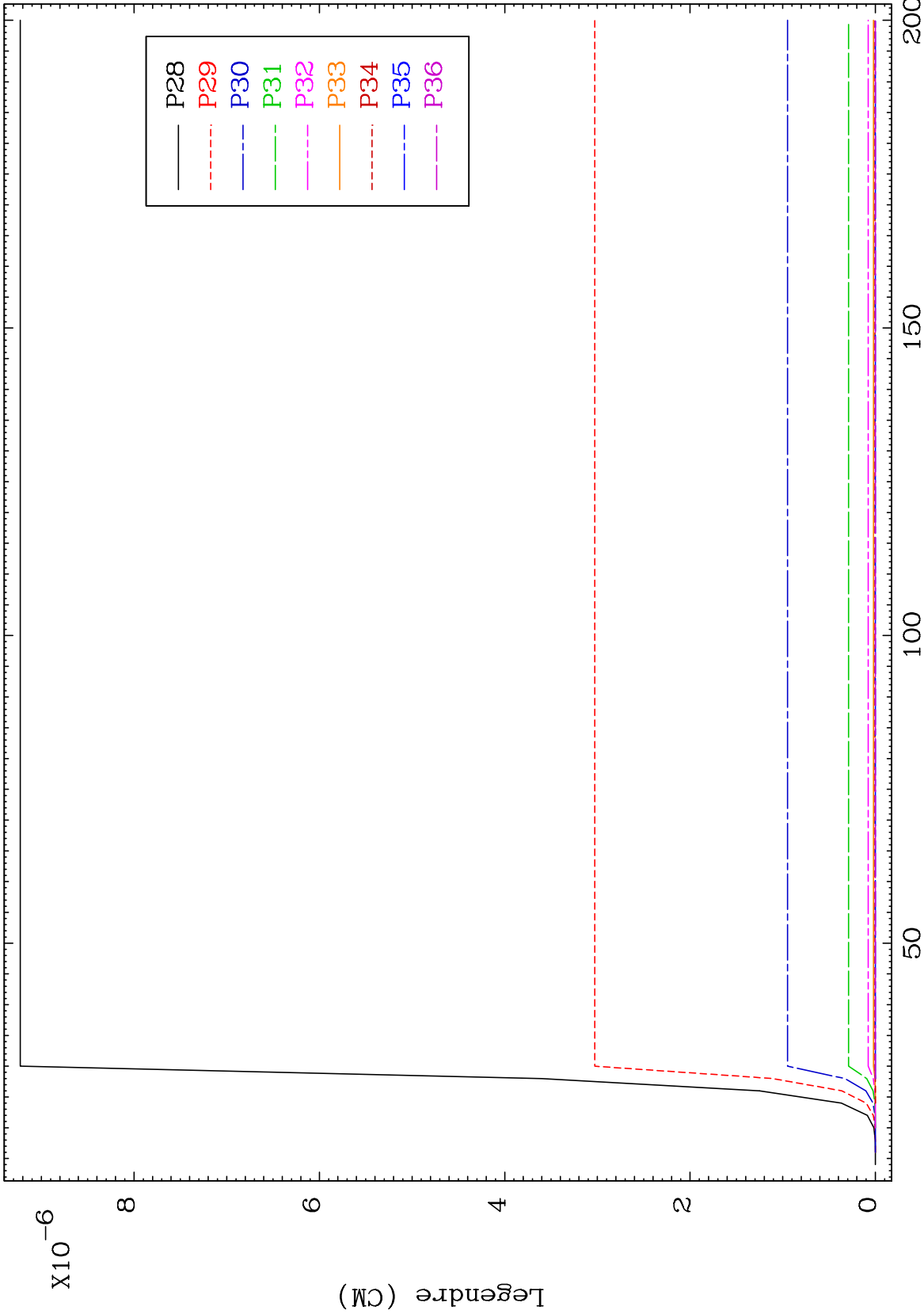
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



94

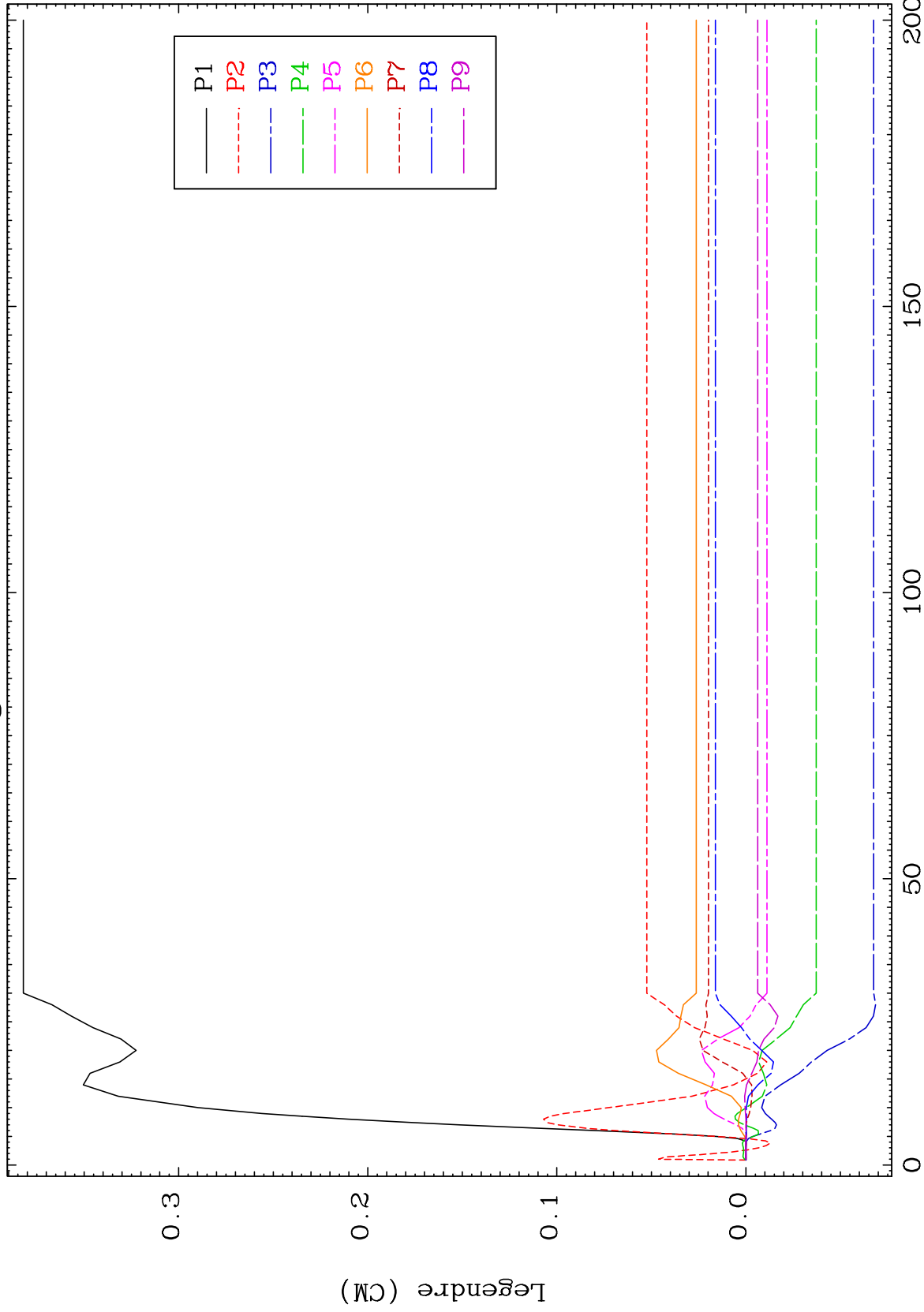
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



95

Incident Energy (MeV)

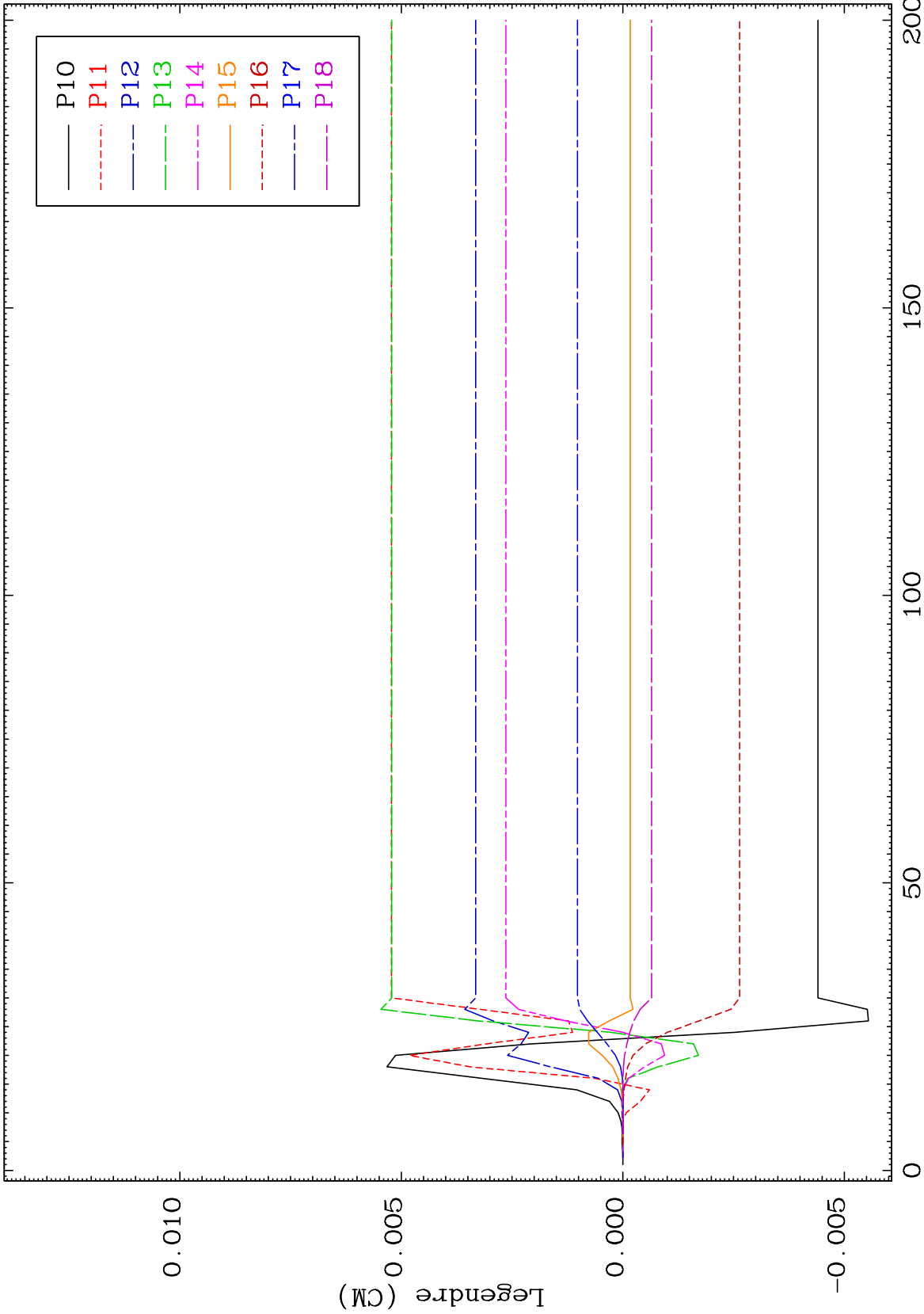
72-Hf-179



MAT 7240

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

72-Hf-179



96

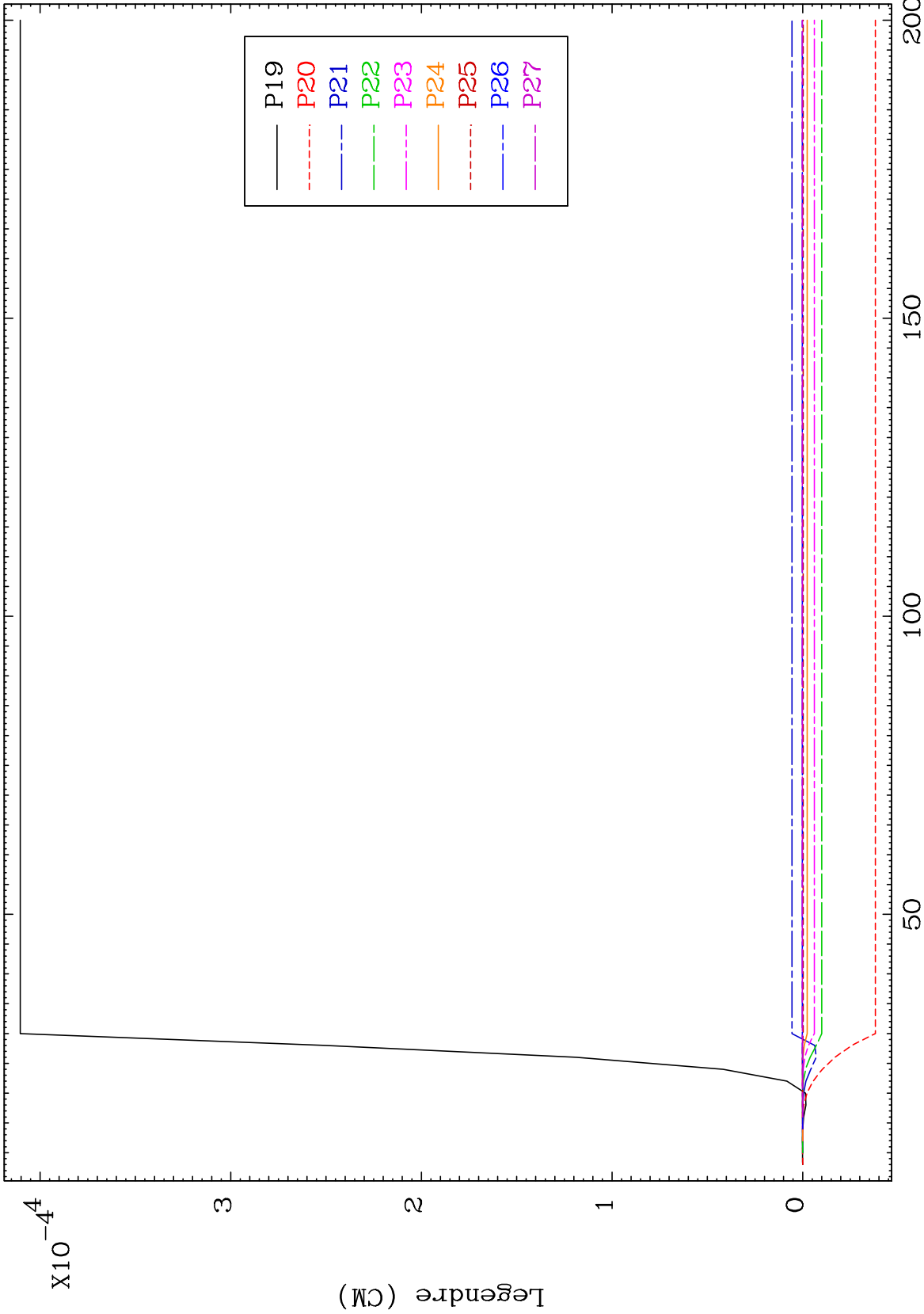
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



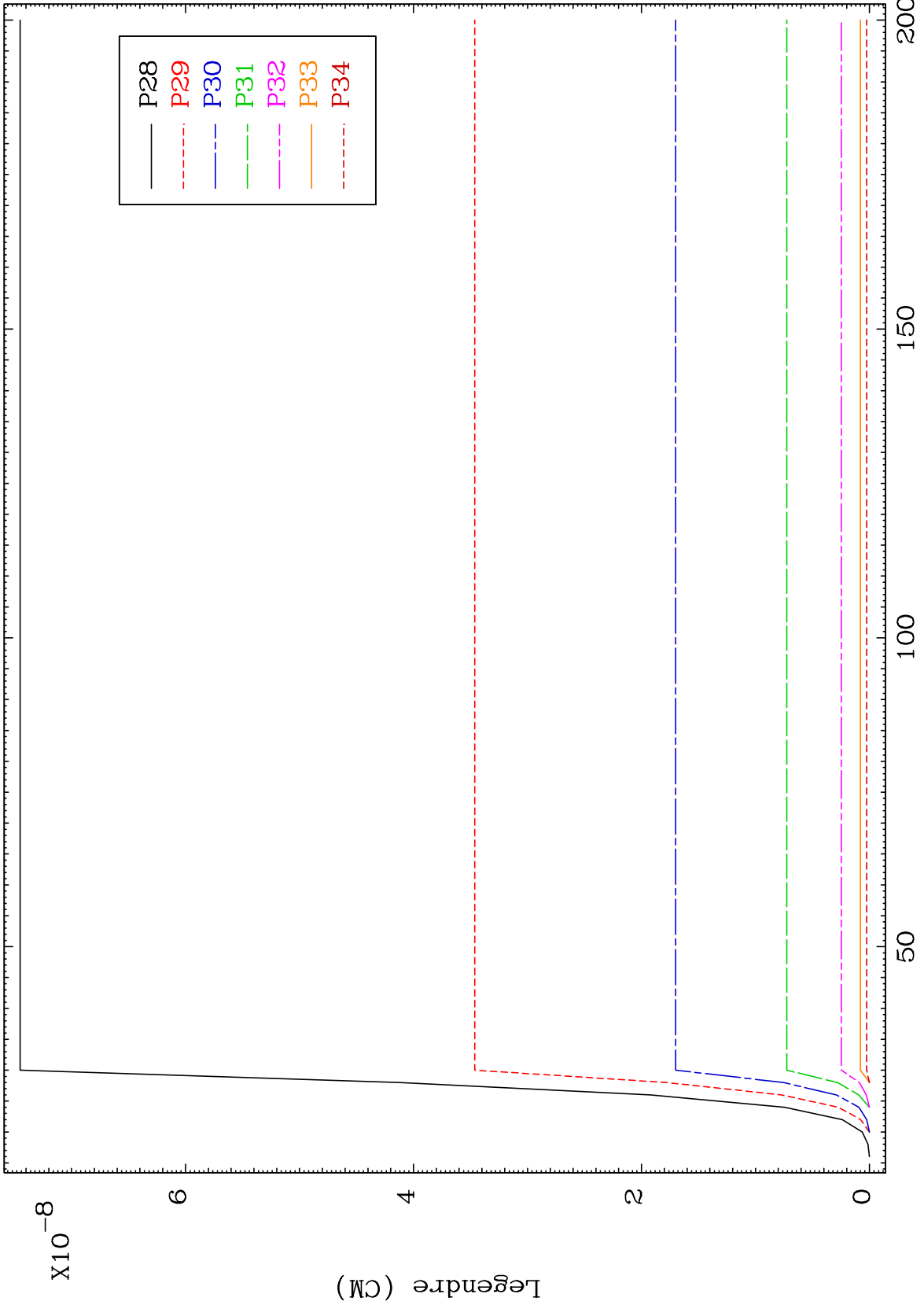
97

72-Hf-179

MAT 7240

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

72-Hf-179



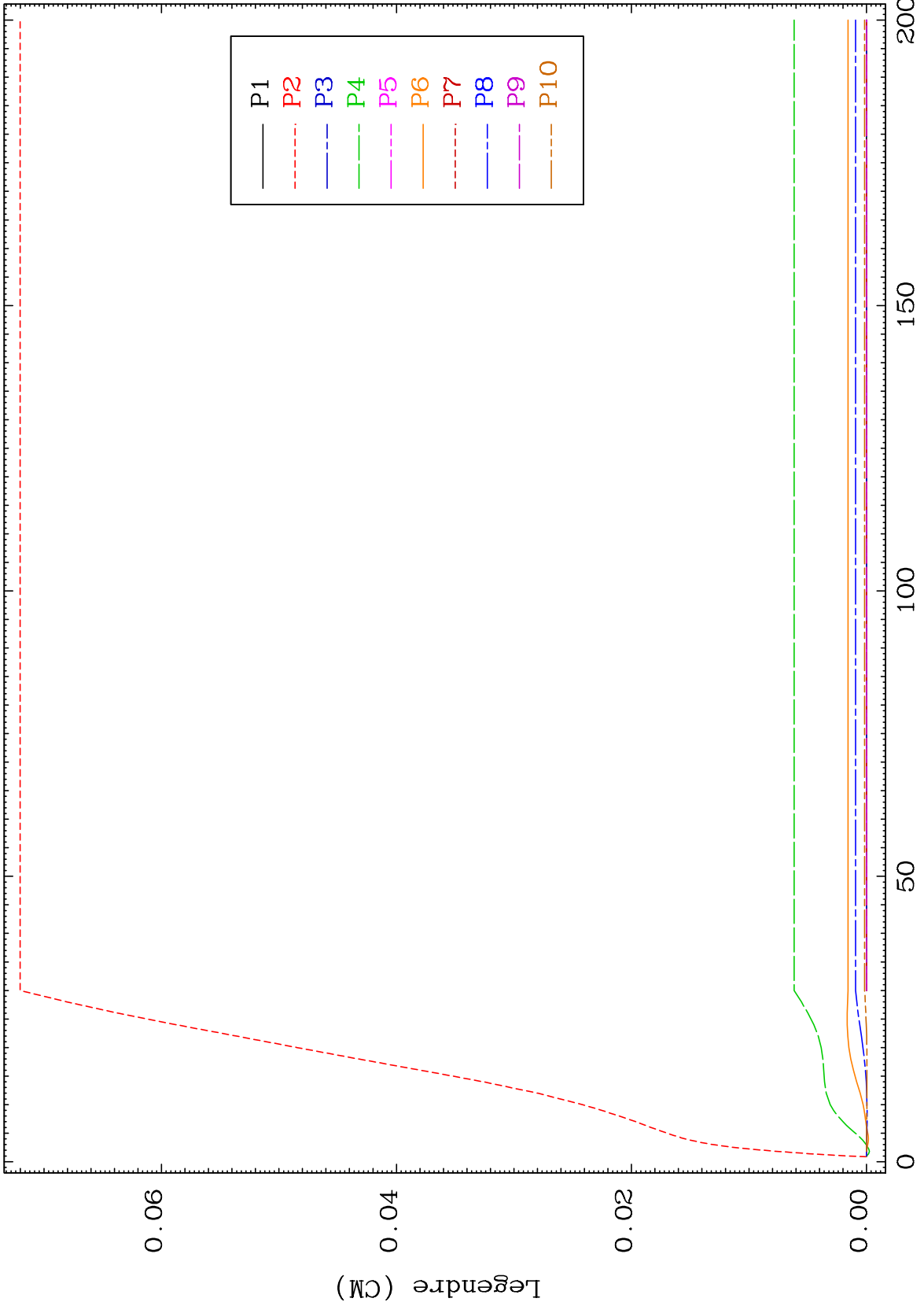
98

72-Hf-179

MAT 7240

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

72-Hf-179

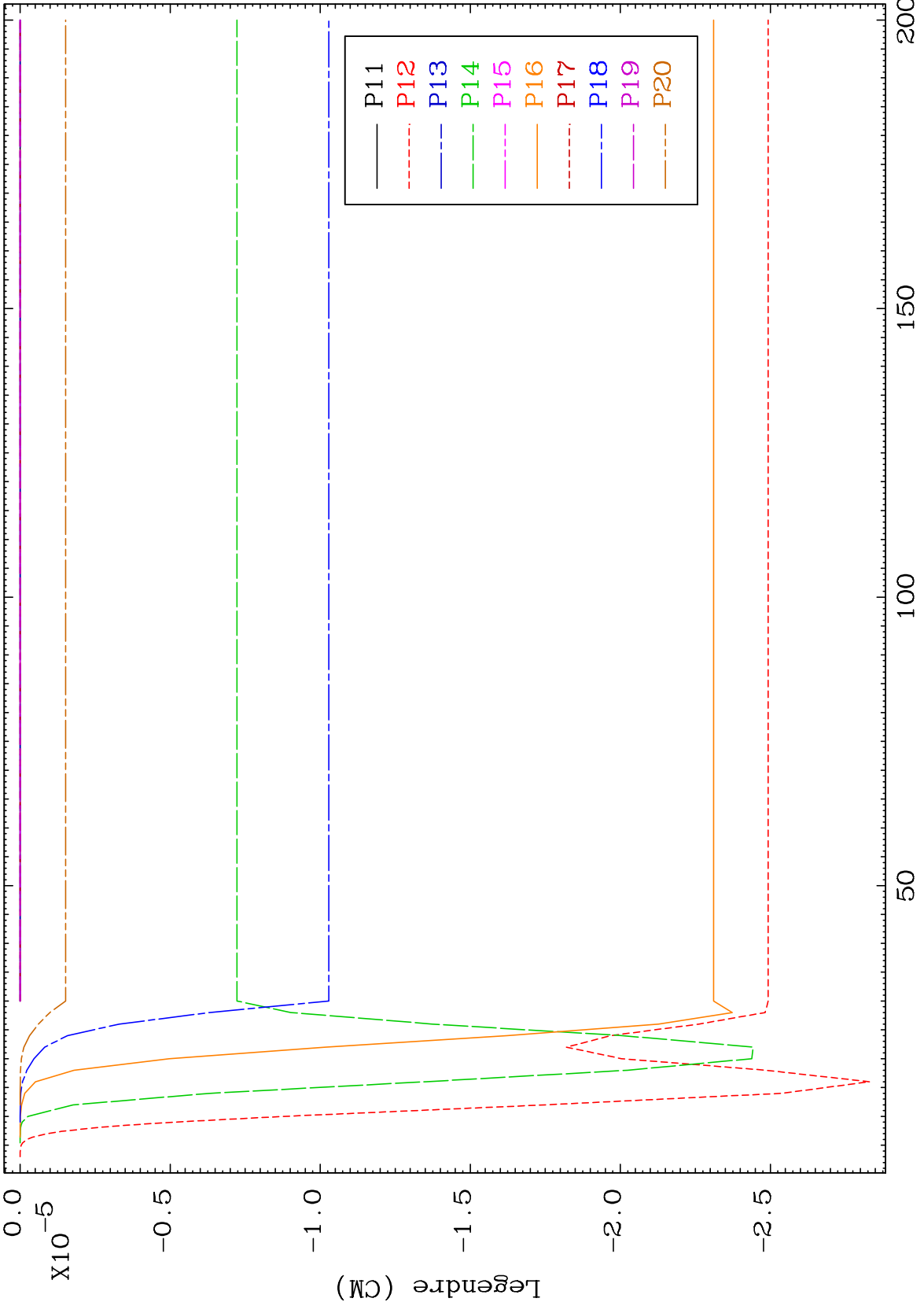


99

Incident Energy (MeV)

72-Hf-179

MAT 7240 MT= 75 (n, n') Level Legendre Coefficients 72-Hf-179

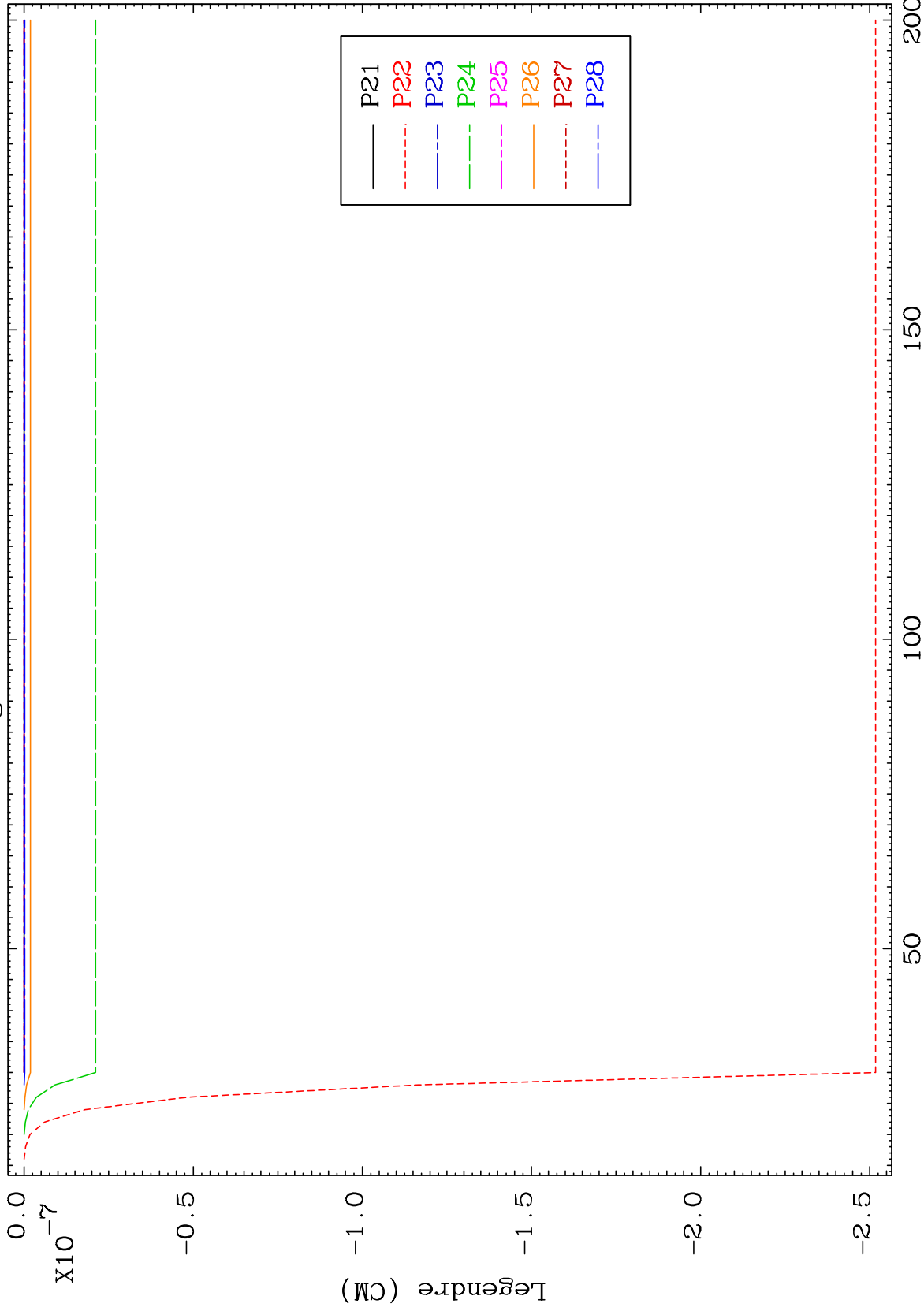


72-Hf-179

MAT 7240

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

72-Hf-179



101

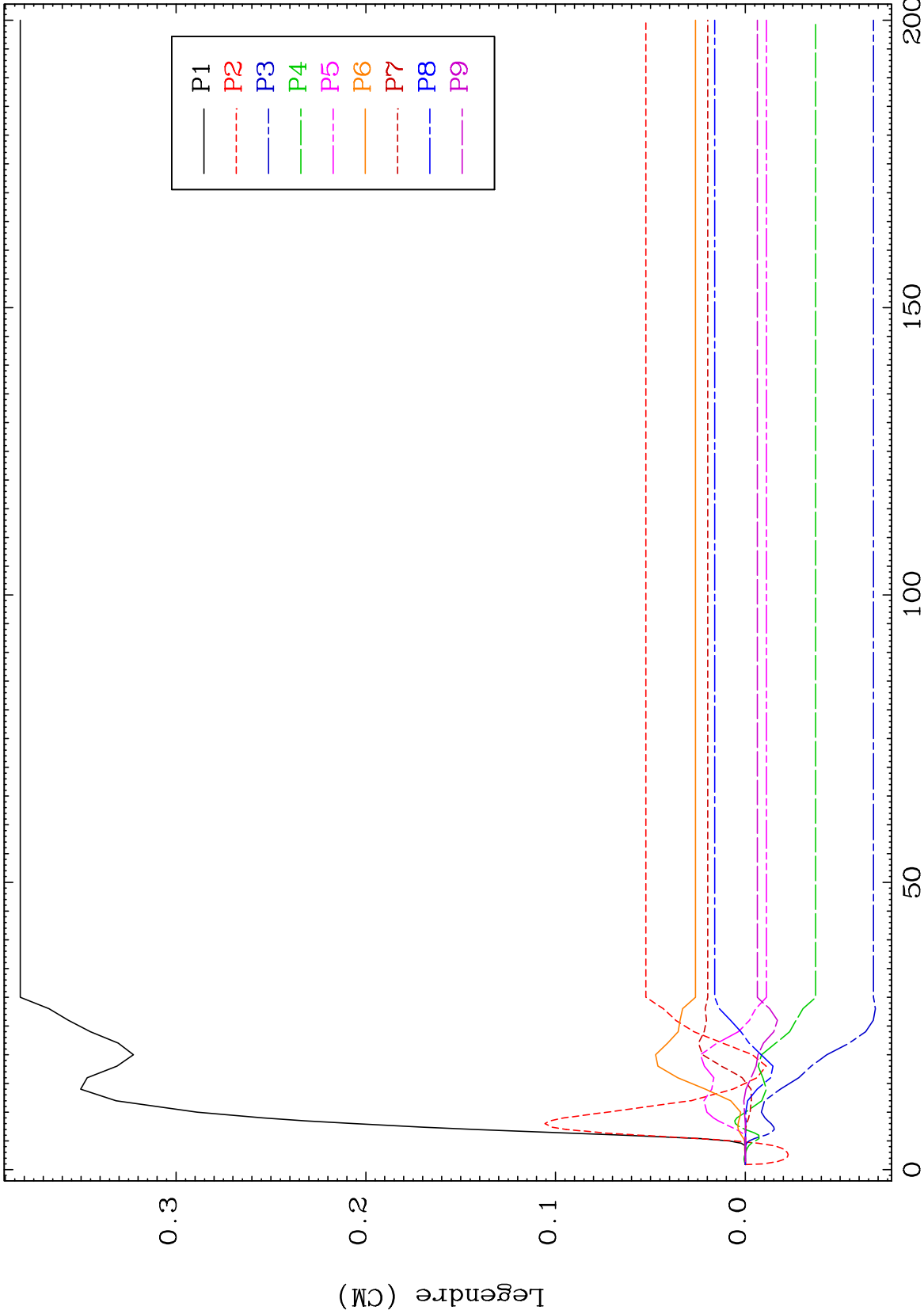
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



102

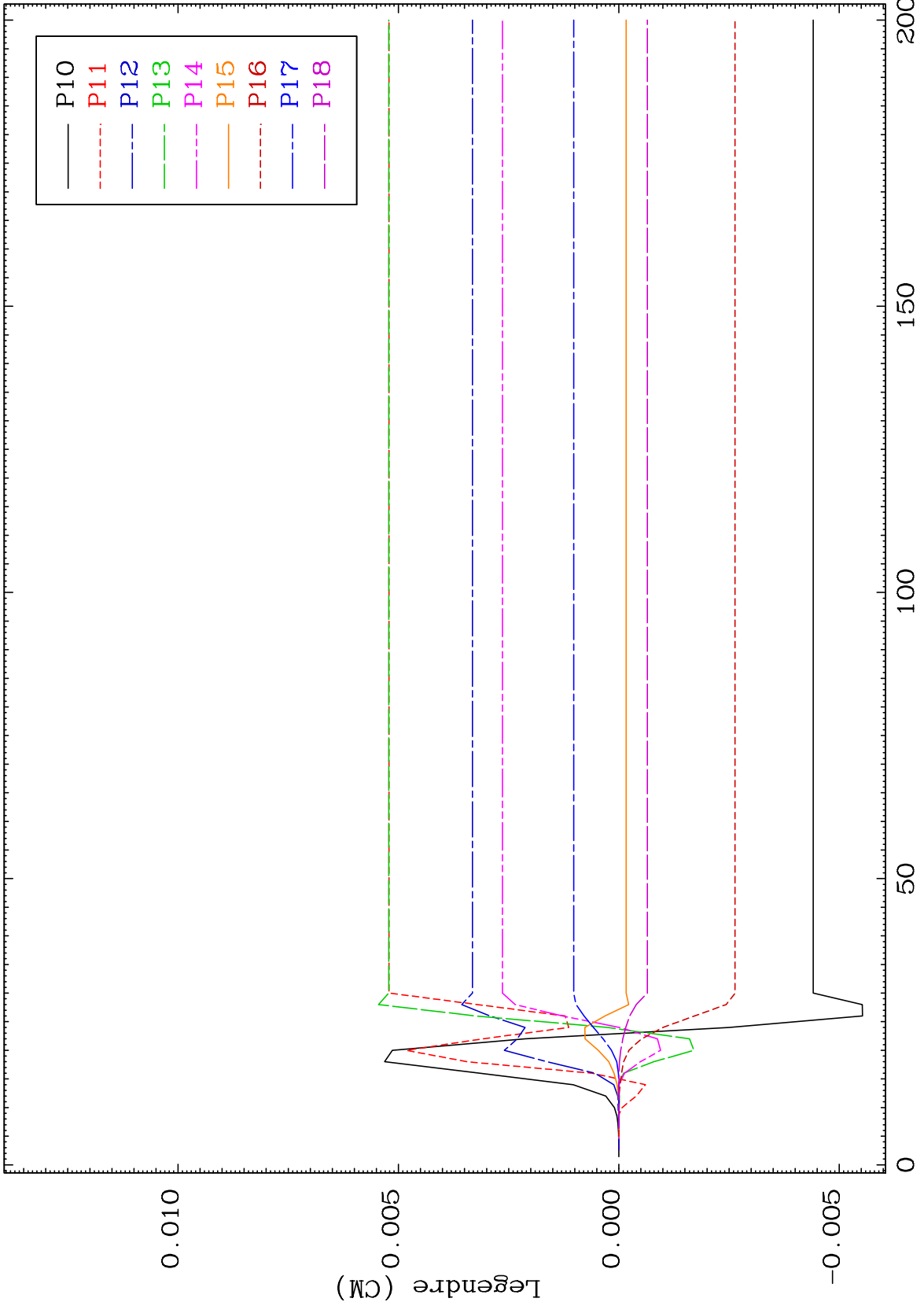
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



103

Incident Energy (MeV)

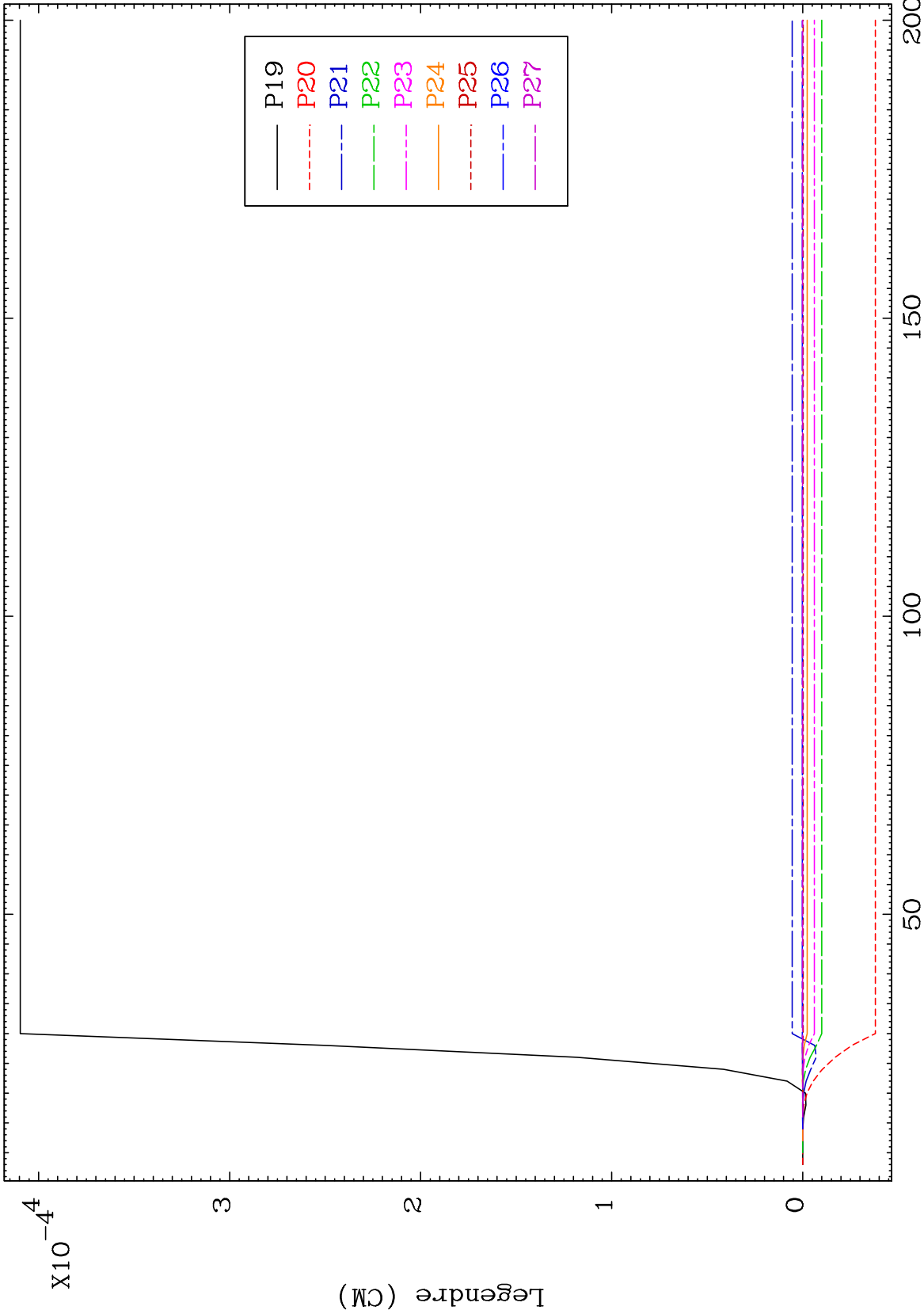
72-Hf-179



MAT 7240

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

72-Hf-179



104

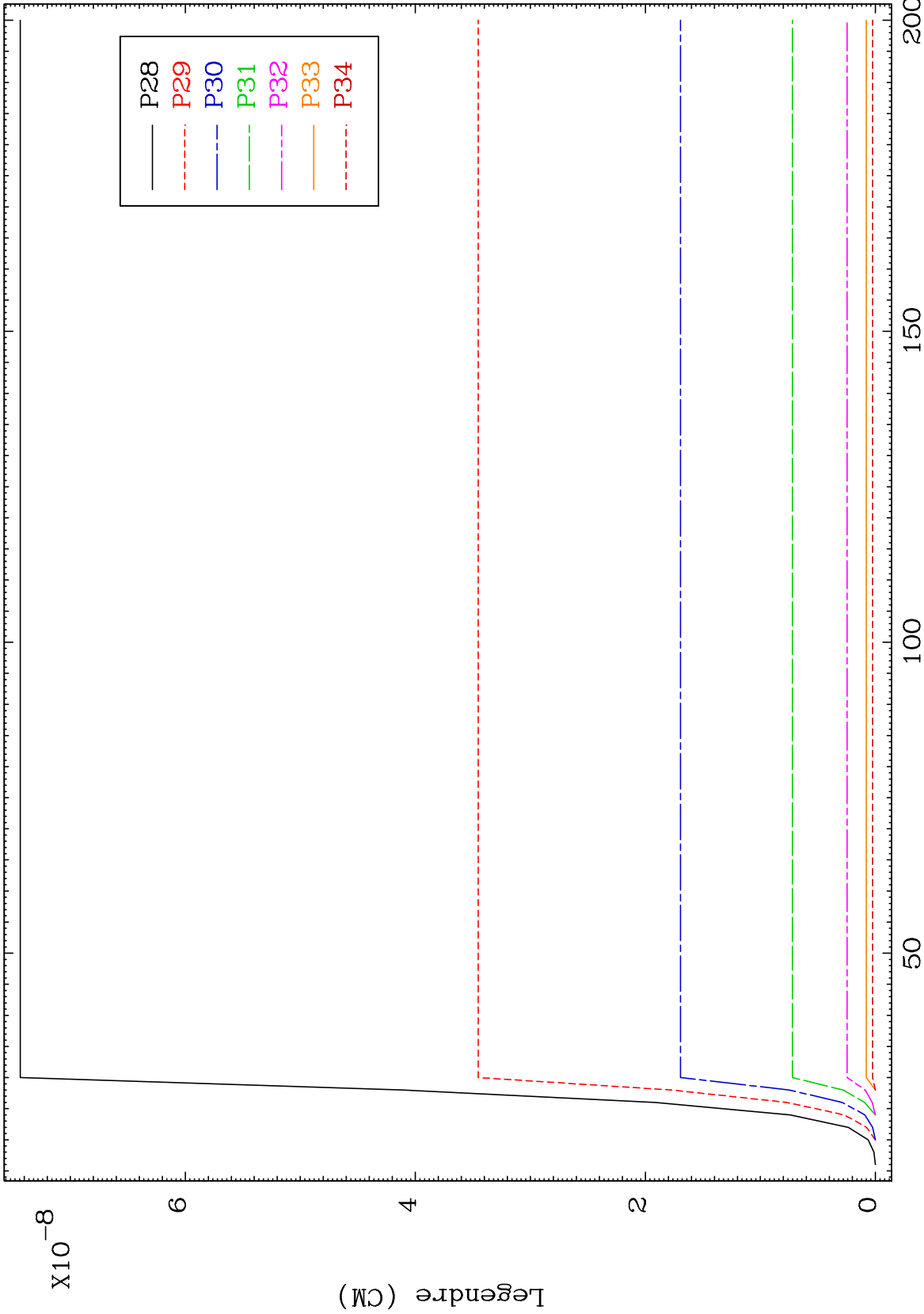
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



105

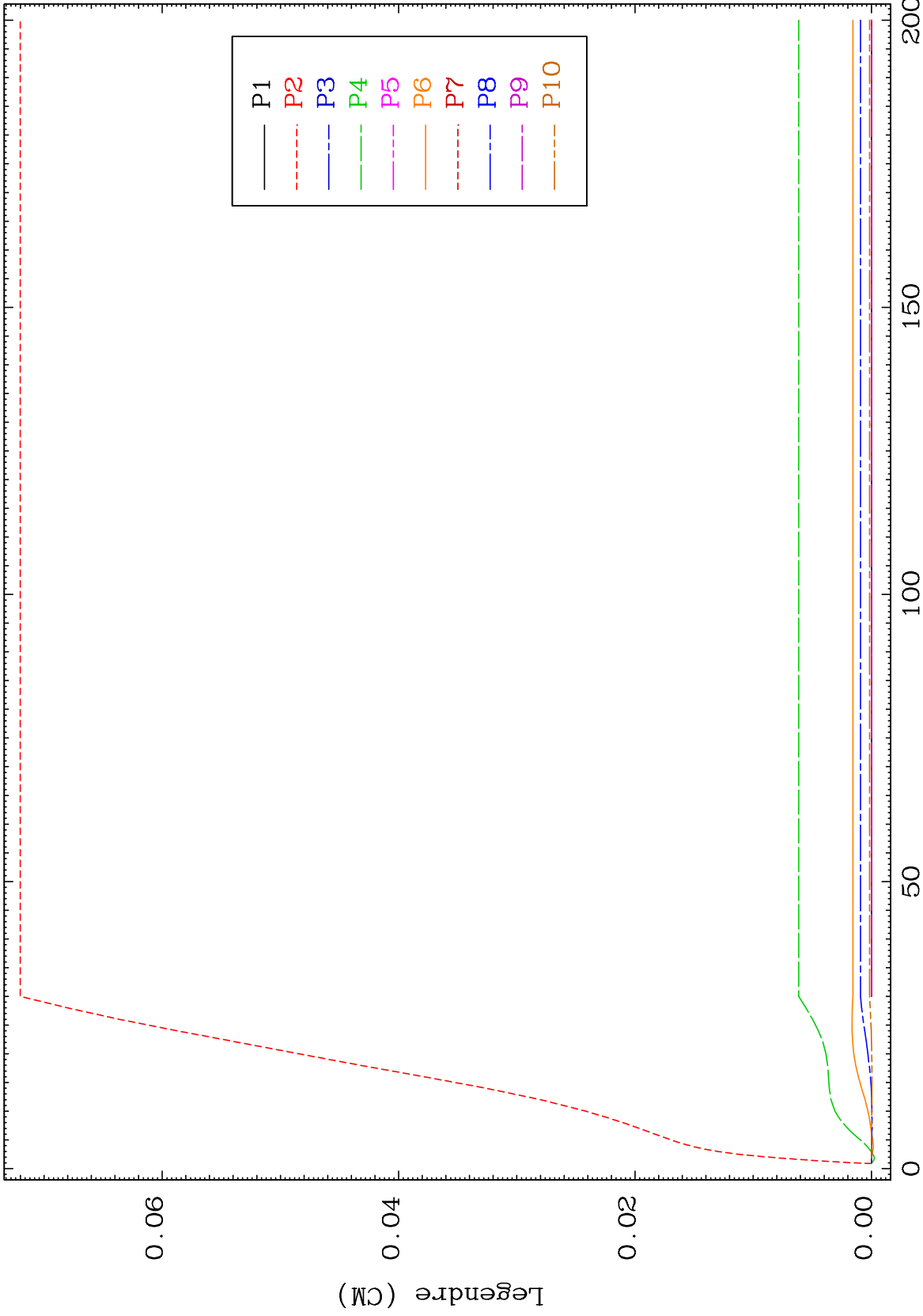
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



106

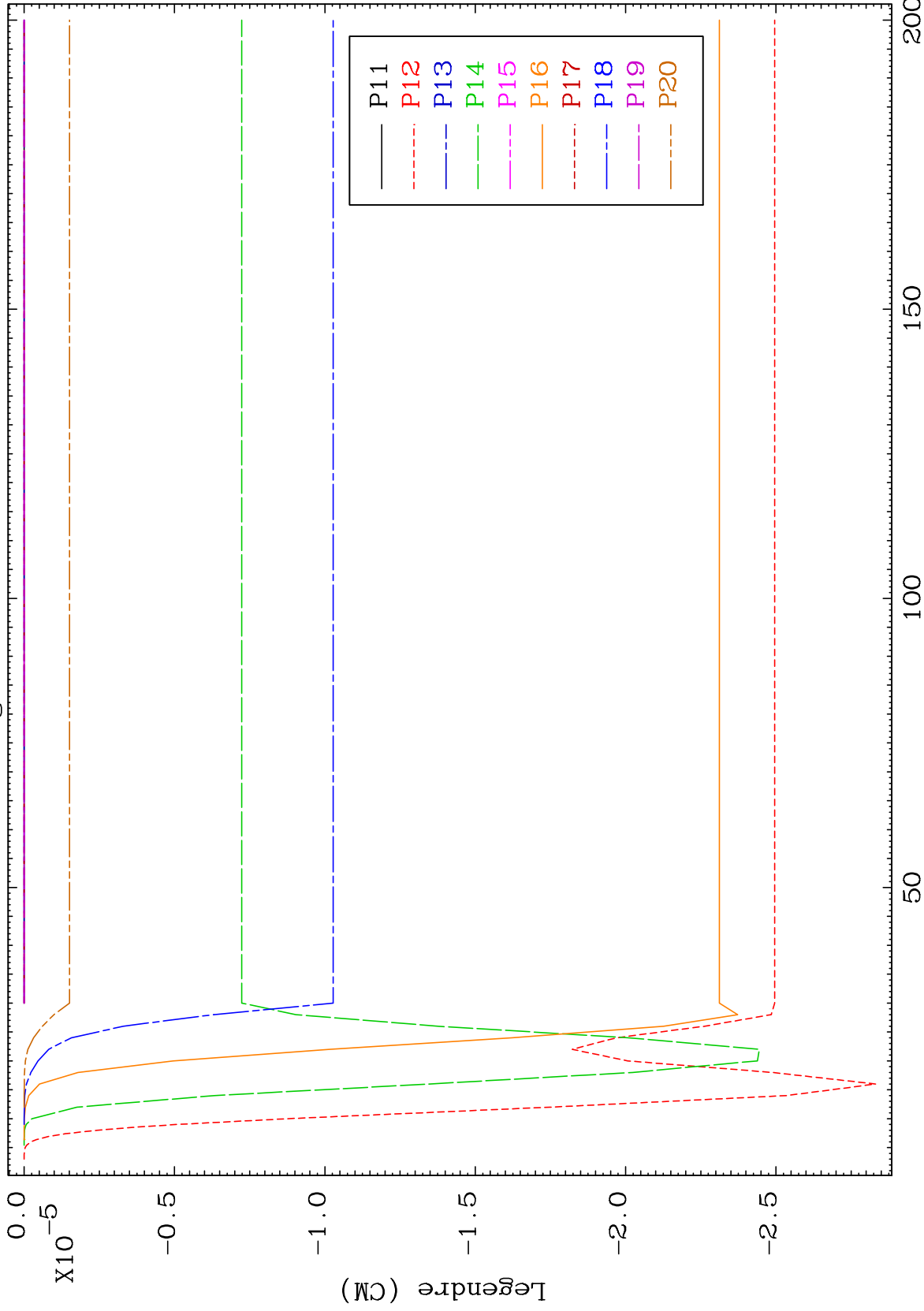
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



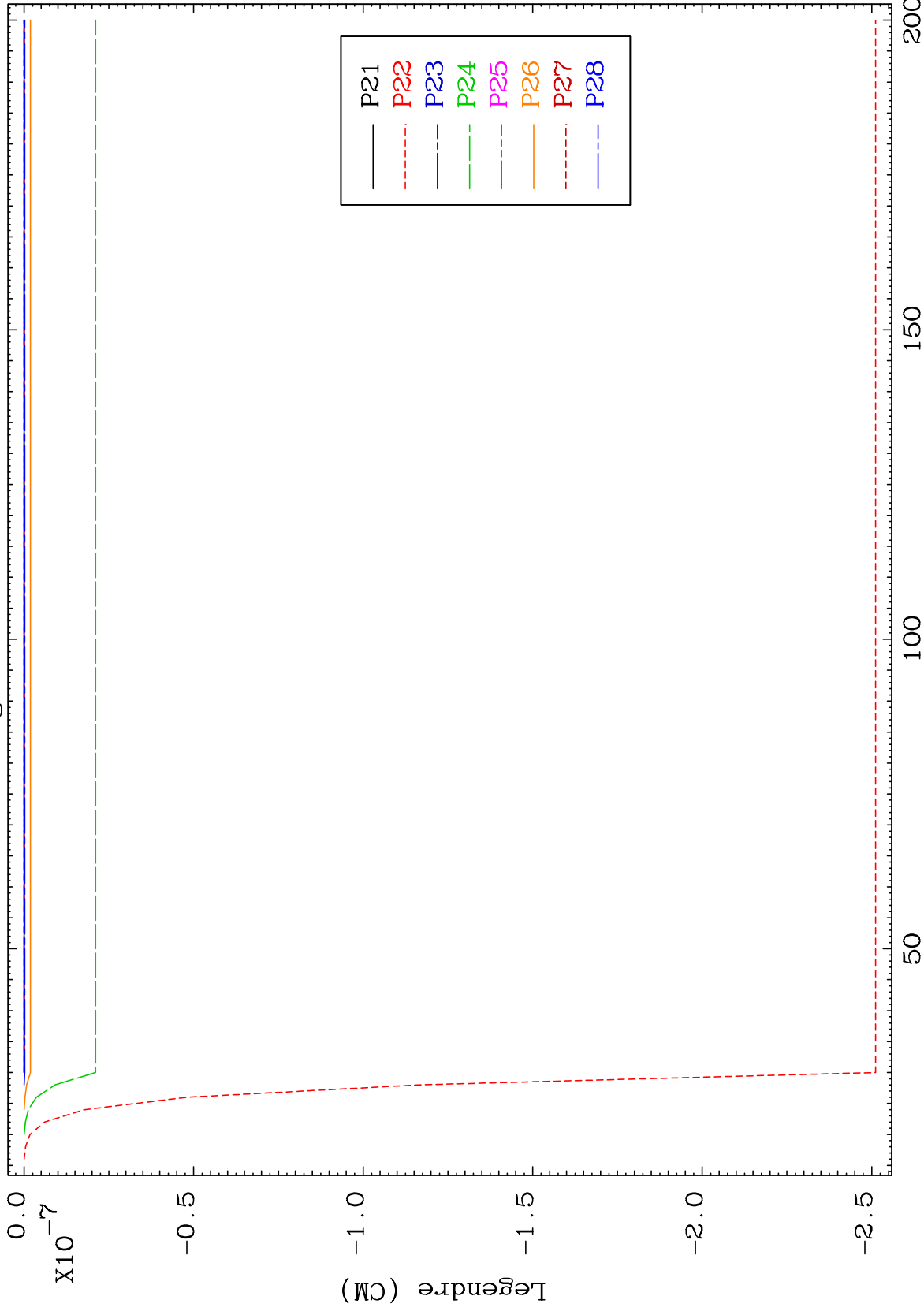
107

72-Hf-179

MAT 7240

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

72-Hf-179



108

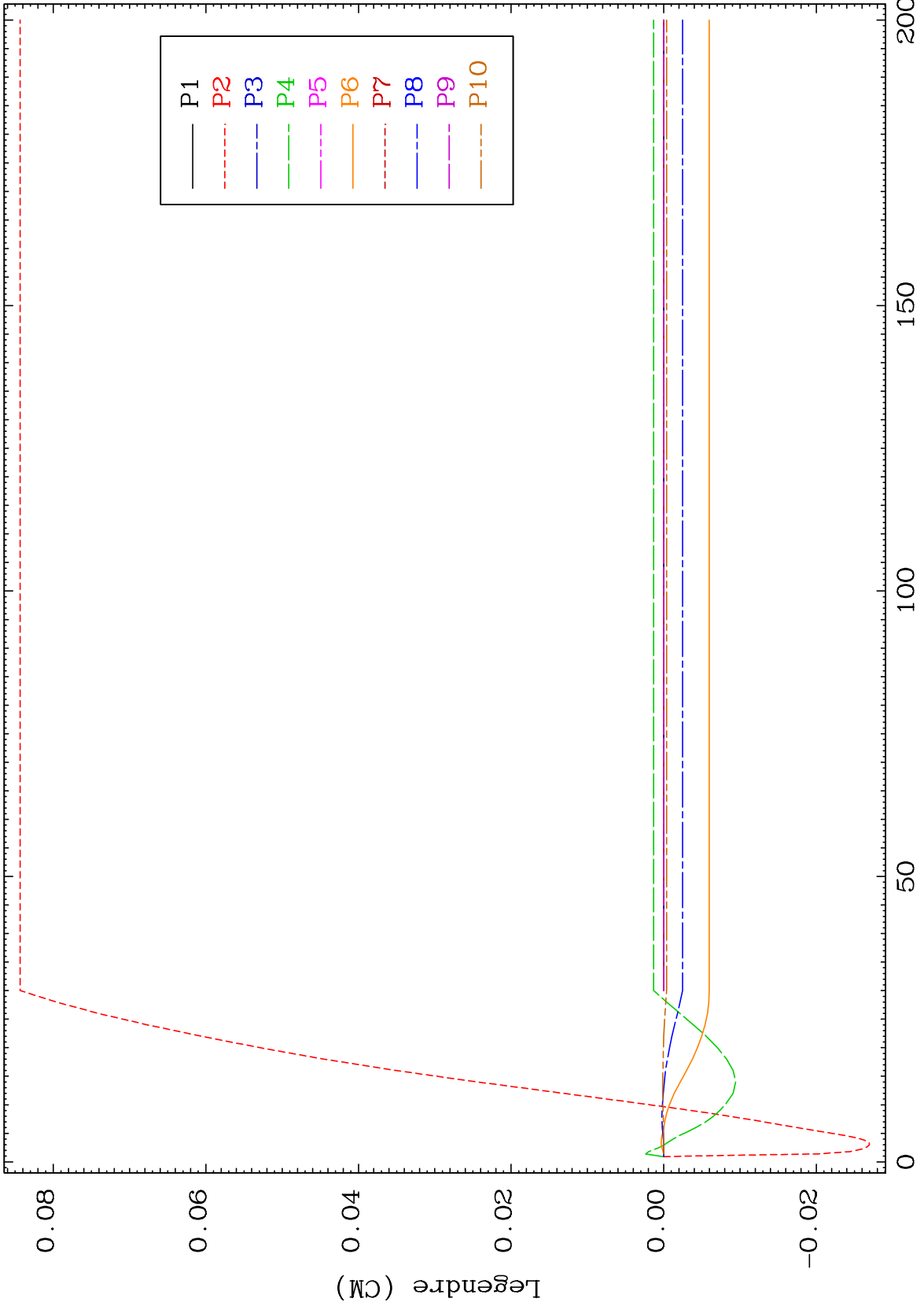
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



72-Hf-179

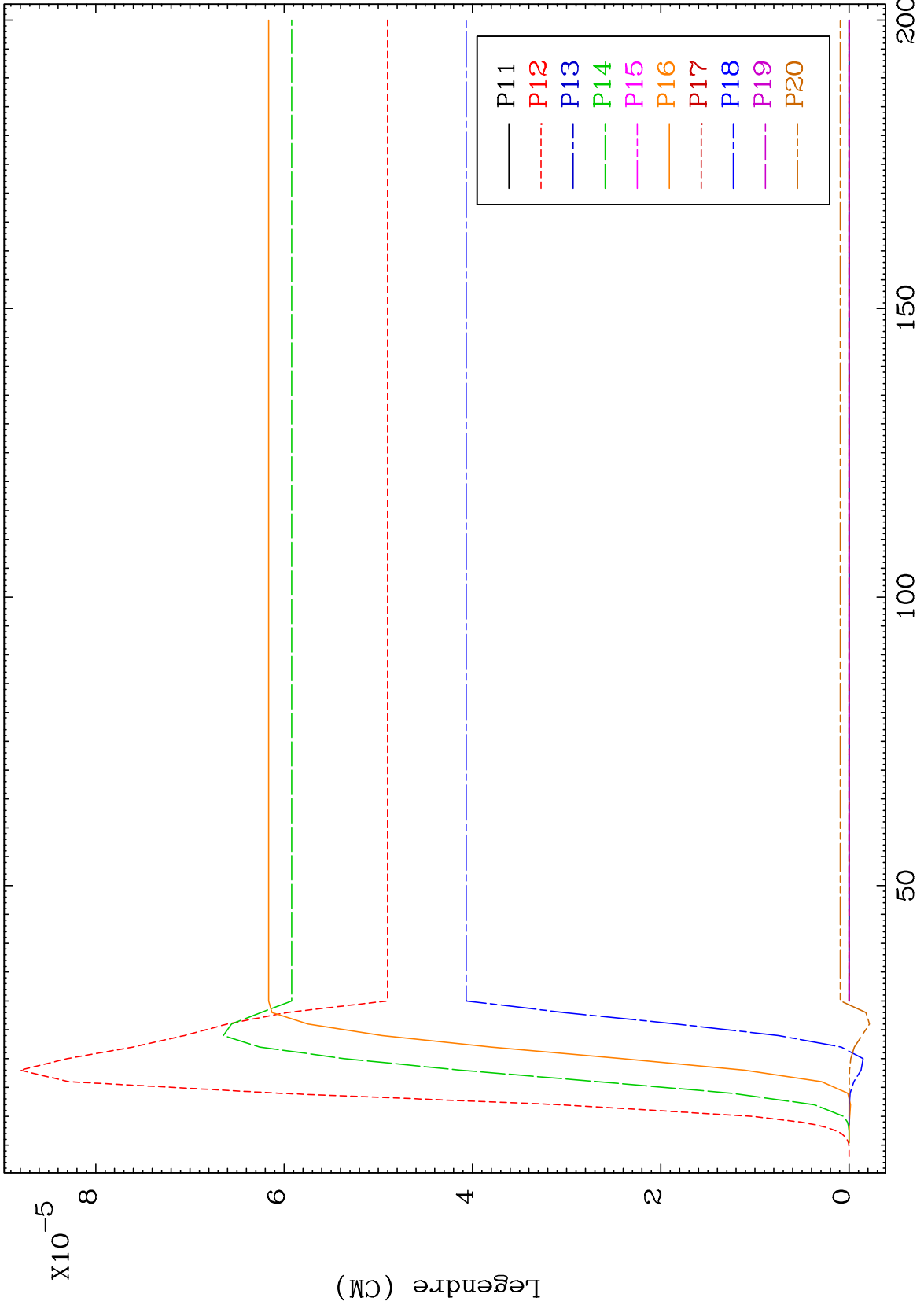
Incident Energy (MeV)

109

MAT 7240

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

72-Hf-179



110

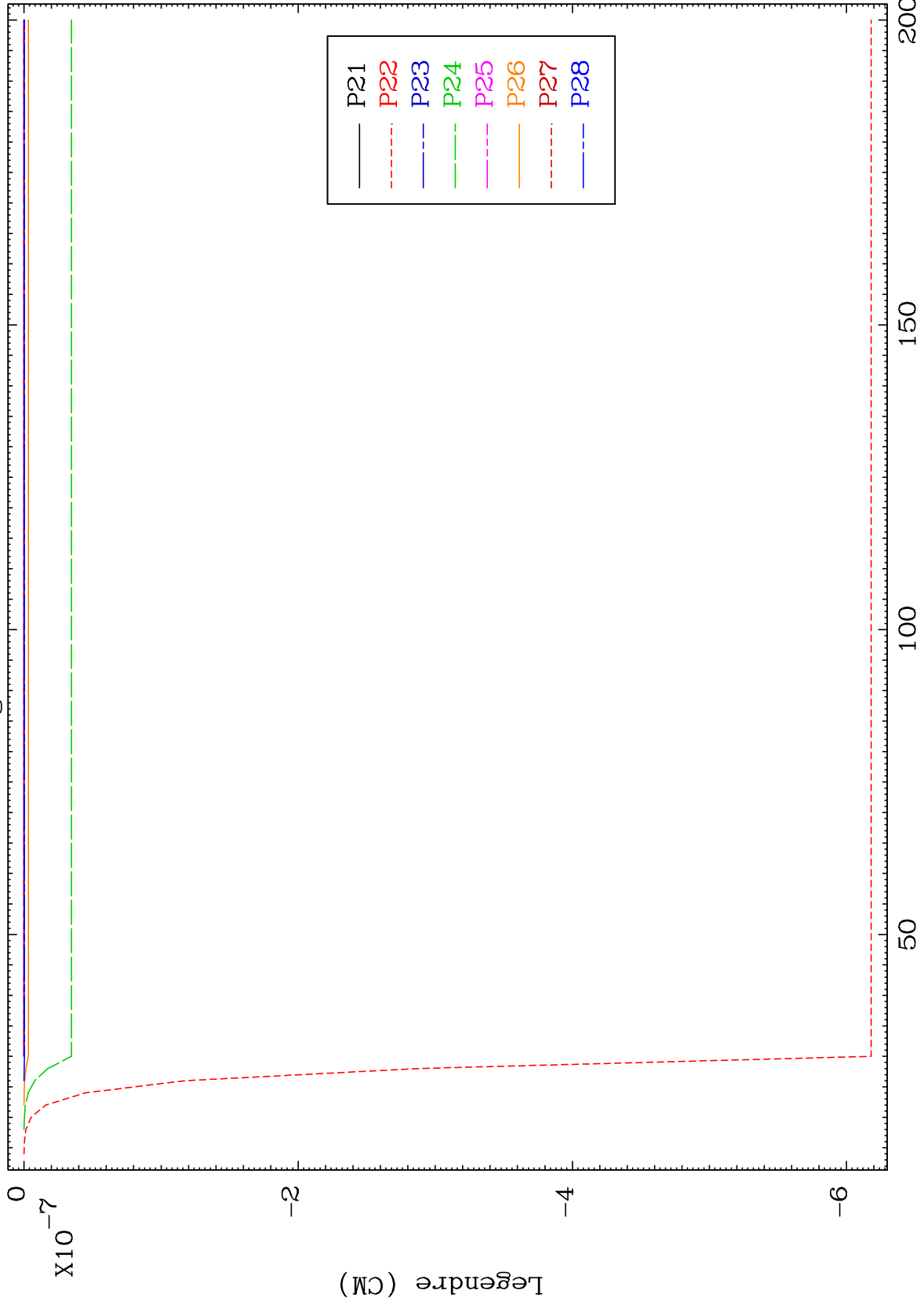
Incident Energy (MeV)

72-Hf-179

MAT 7240

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

72-Hf-179



72-Hf-179

Incident Energy (MeV)

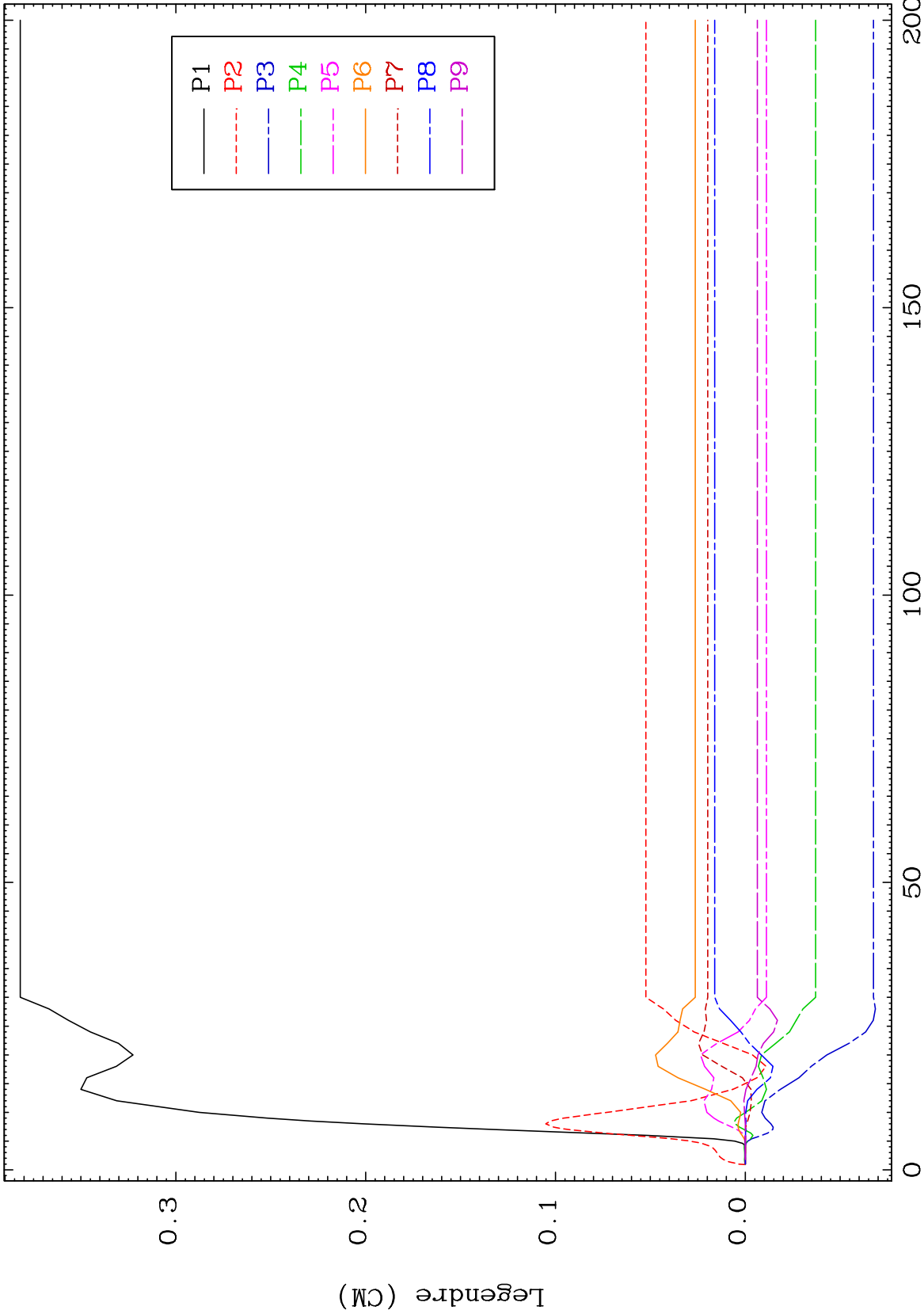
111



MAT 7240

MT= 79 (n,n') Level  
Legendre Coefficients

72-Hf-179



112

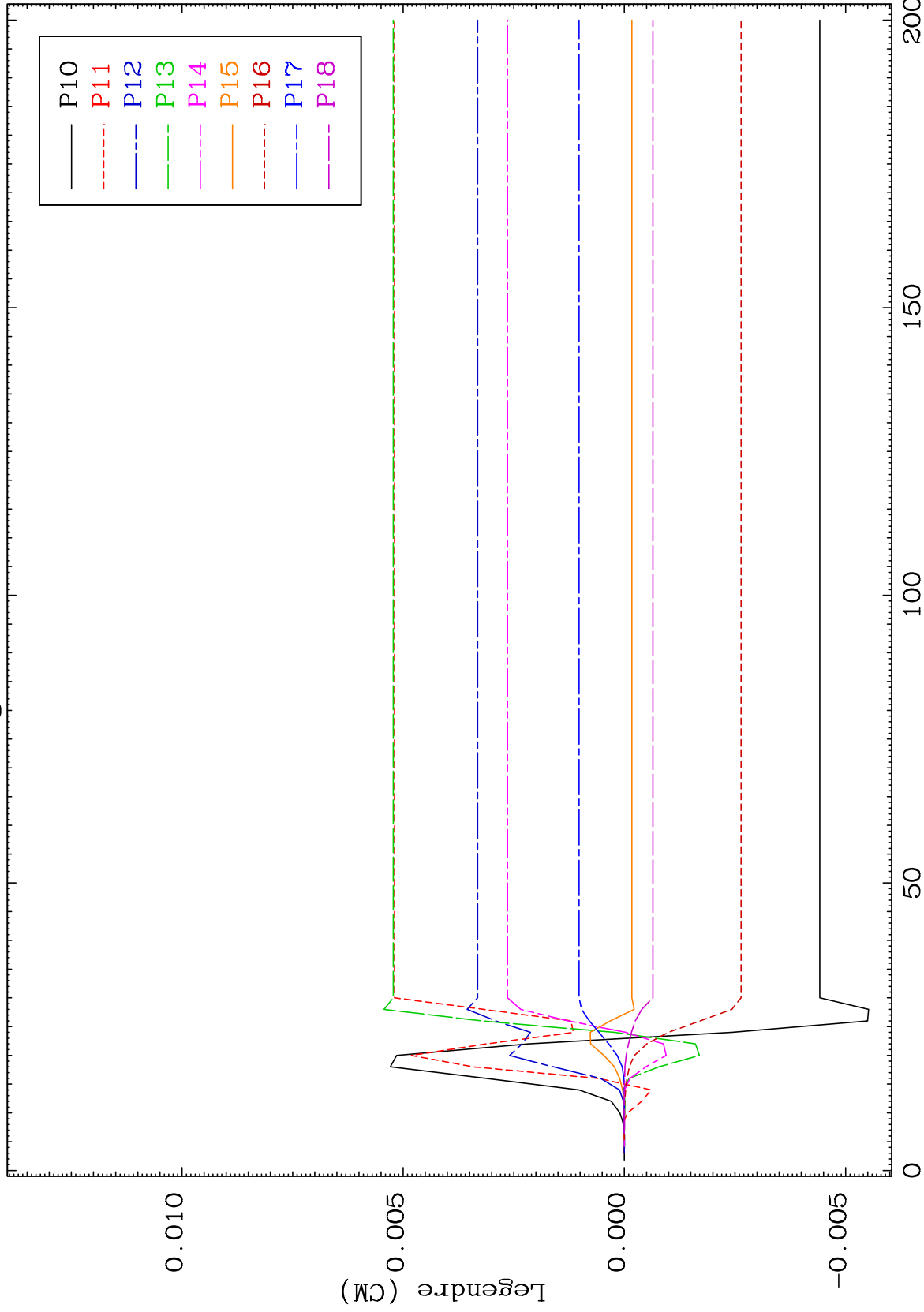
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 79 (n,n') Level  
Legendre Coefficients

72-Hf-179



113

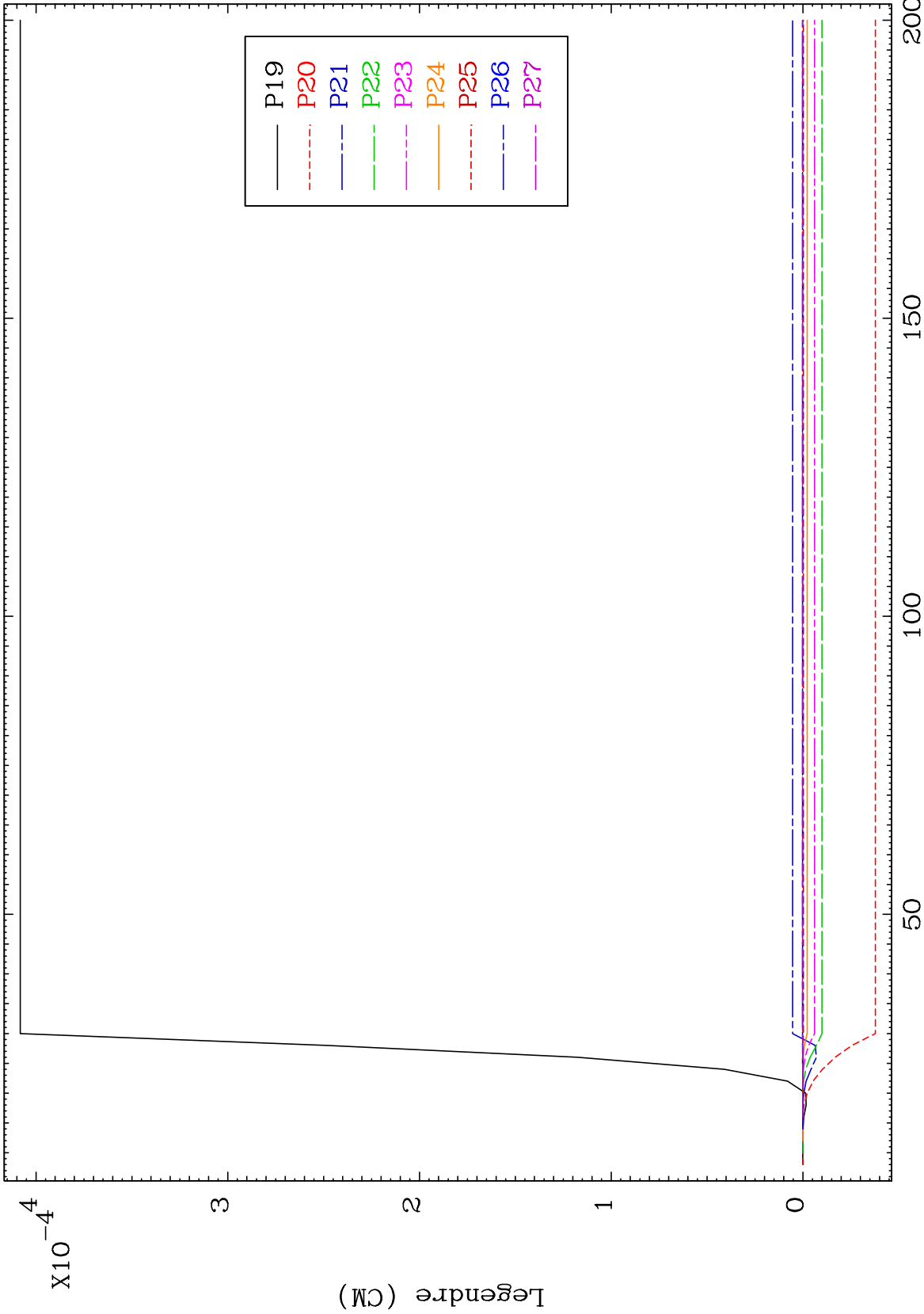
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 79 (n,n') Level  
Legendre Coefficients

72-Hf-179



114

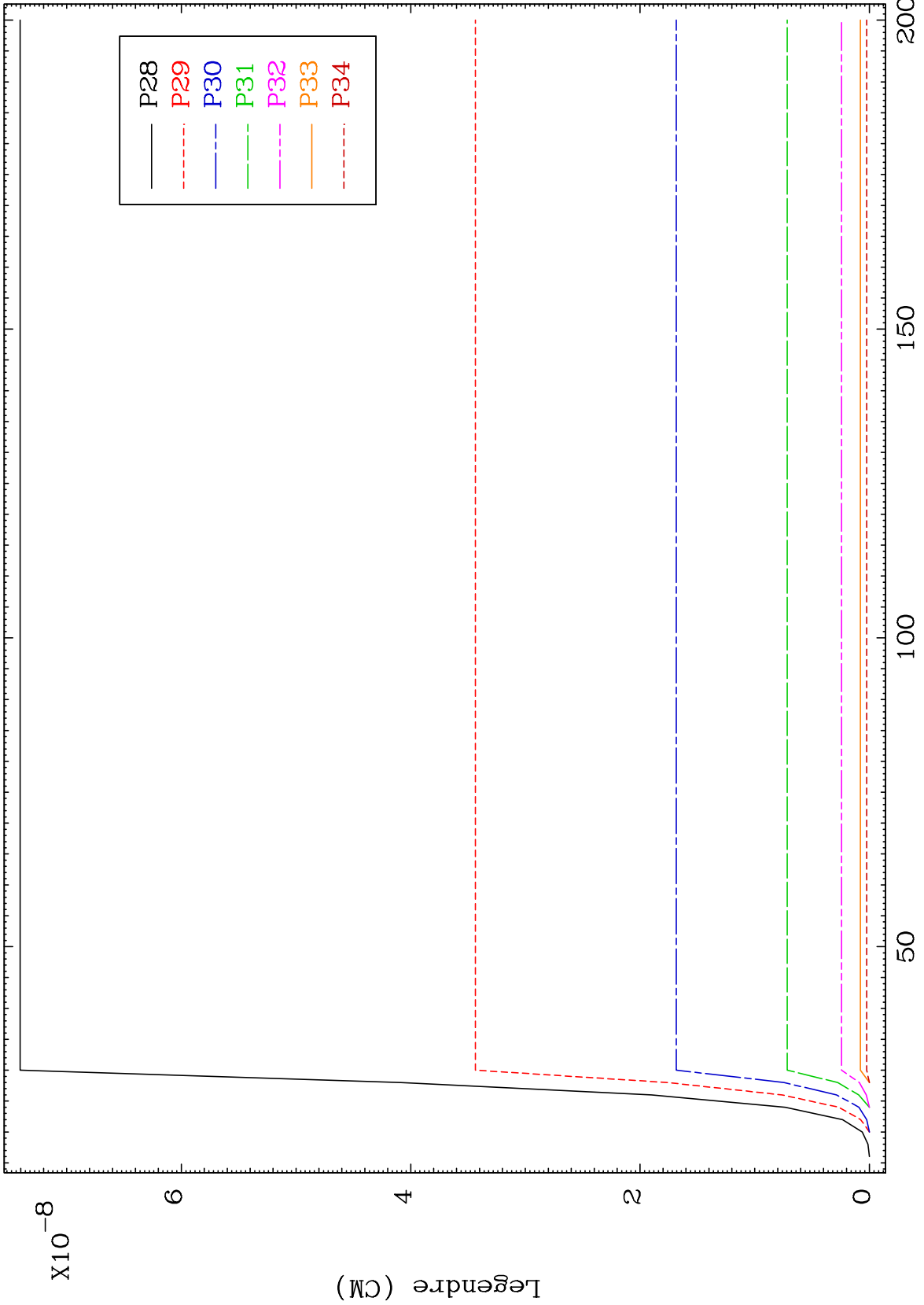
Incident Energy (MeV)

72-Hf-179

MAT 7240

MT= 79 (n,n') Level  
Legendre Coefficients

72-Hf-179



115

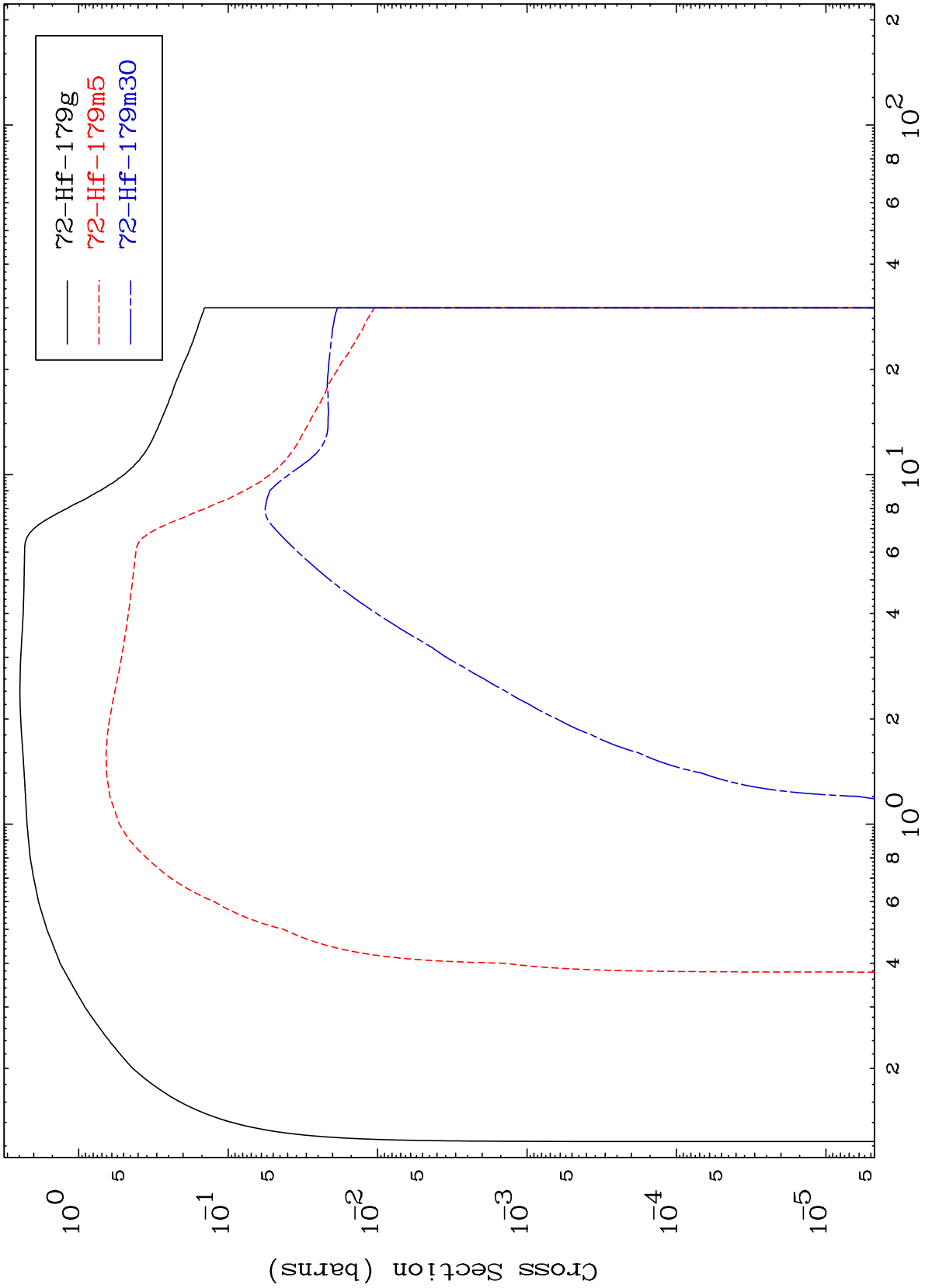
Incident Energy (MeV)

72-Hf-179

MAT 7240

72-Hf-179

Inelastic  
Radionuclide Production Cross Section



116

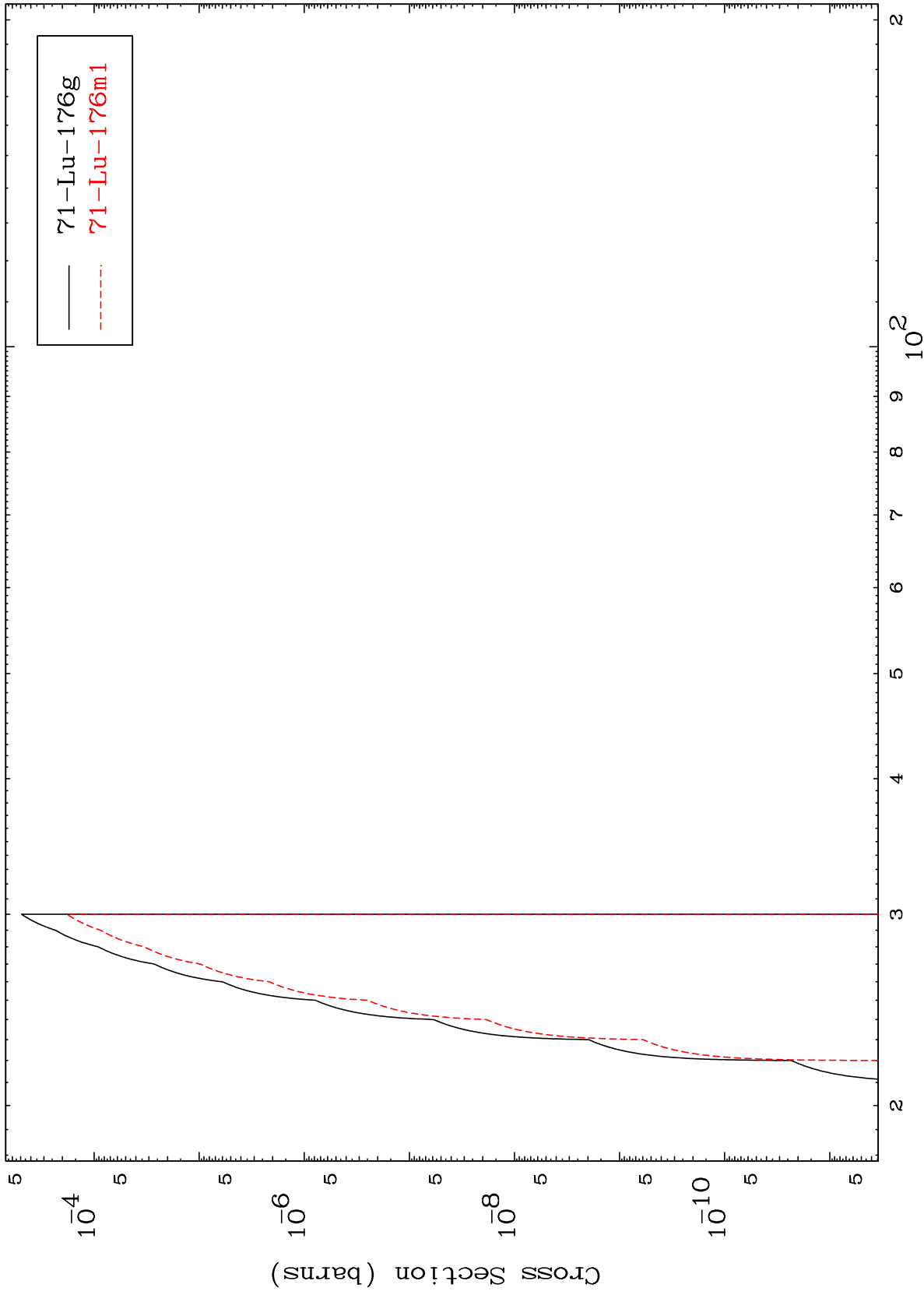
72-Hf-179

MAT 7240

(n,2n) d

72-Hf-179

Radionuclide Production Cross Section



117

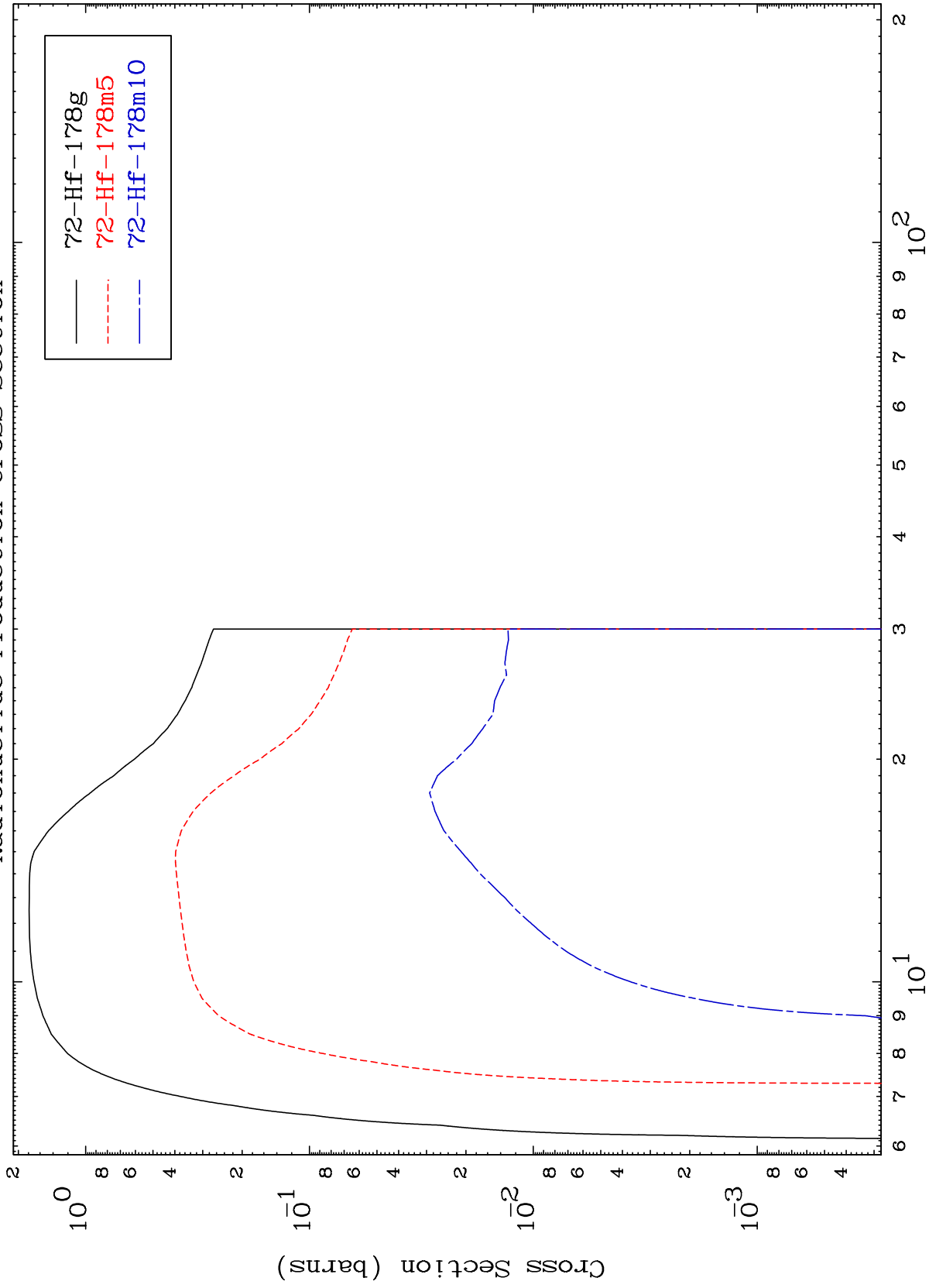
Incident Energy (MeV)

72-Hf-179

MAT 7240

72-Hf-179

(n,2n)  
Radionuclide Production Cross Section

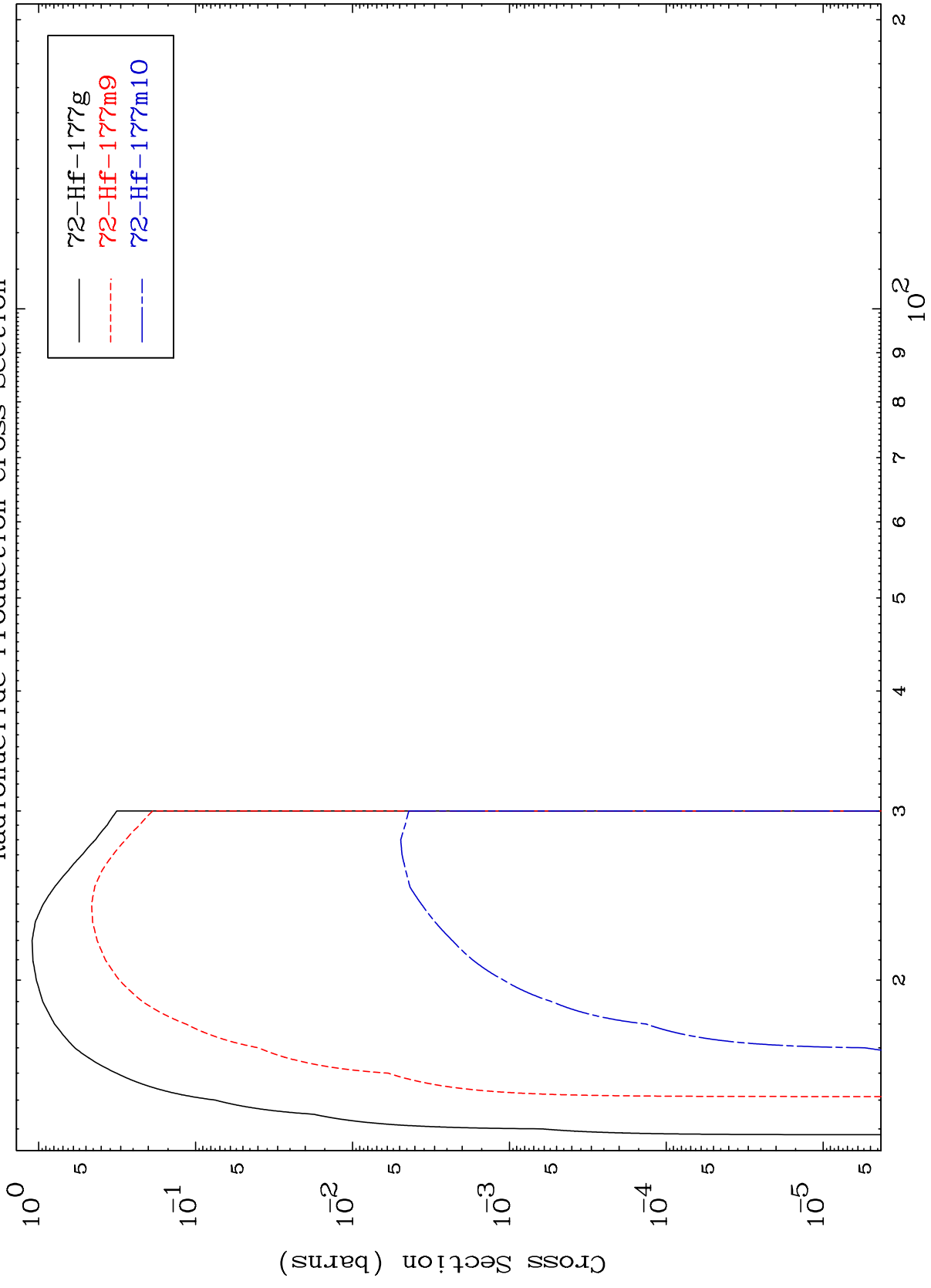


118

Incident Energy (MeV)

72-Hf-179

Radionuclide Production Cross Section



72-Hf-177g  
72-Hf-177m9  
72-Hf-177m10

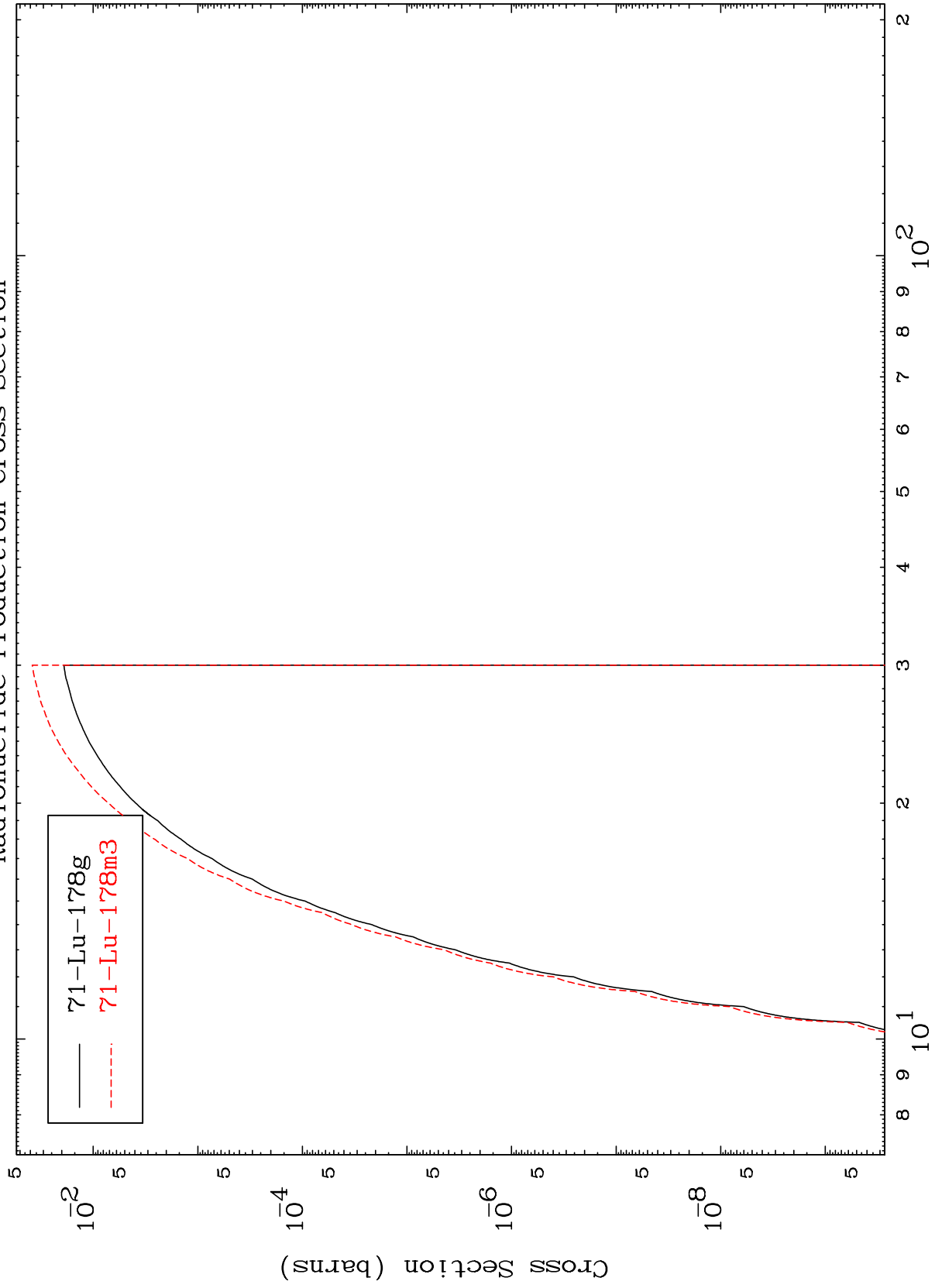


MAT 7240

(n,n') p

72-Hf-179

Radionuclide Production Cross Section



120

Incident Energy (MeV)

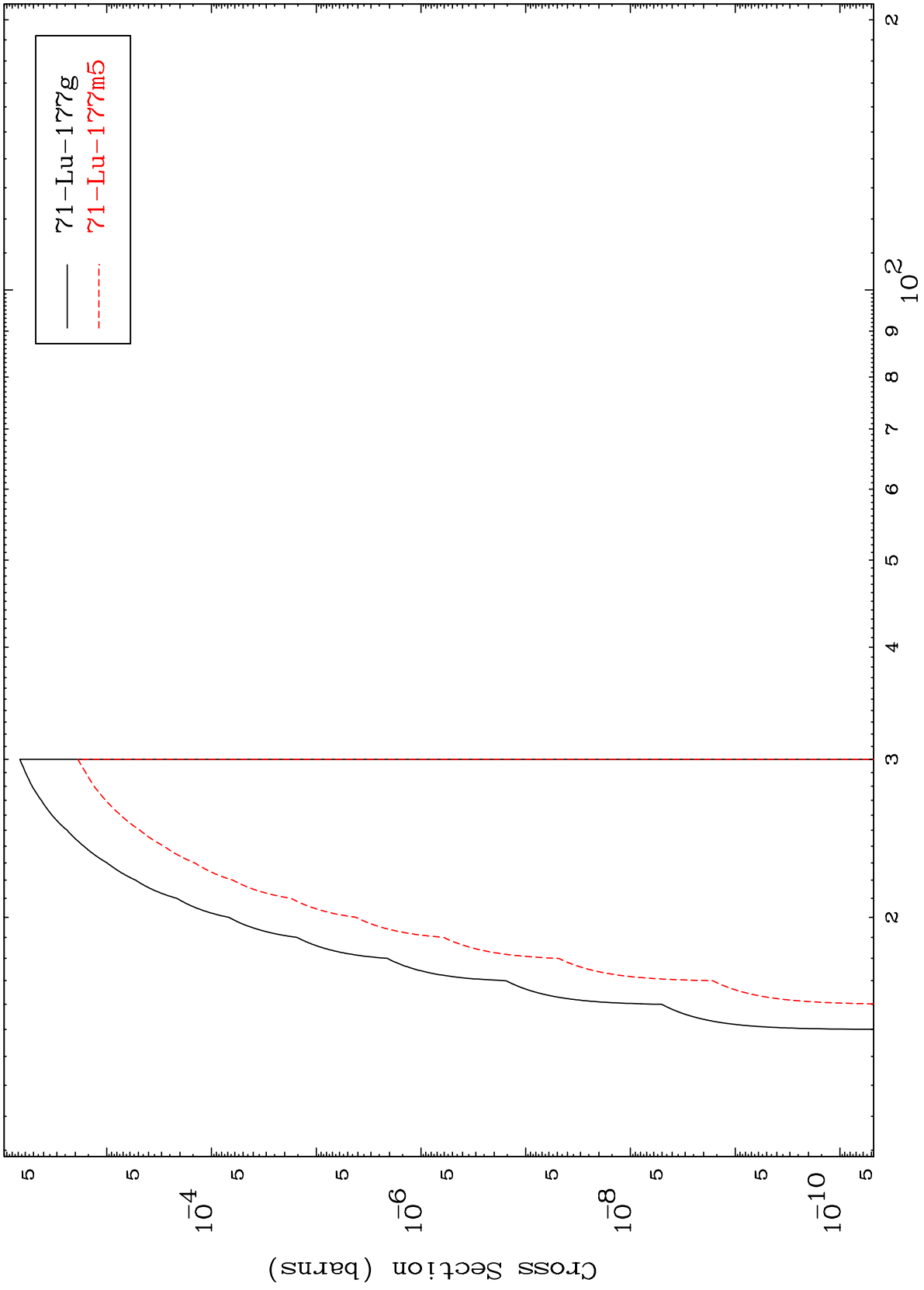
72-Hf-179

MAT 7240

(n, n') d

72-Hf-179

Radionuclide Production Cross Section



121

Incident Energy (MeV)

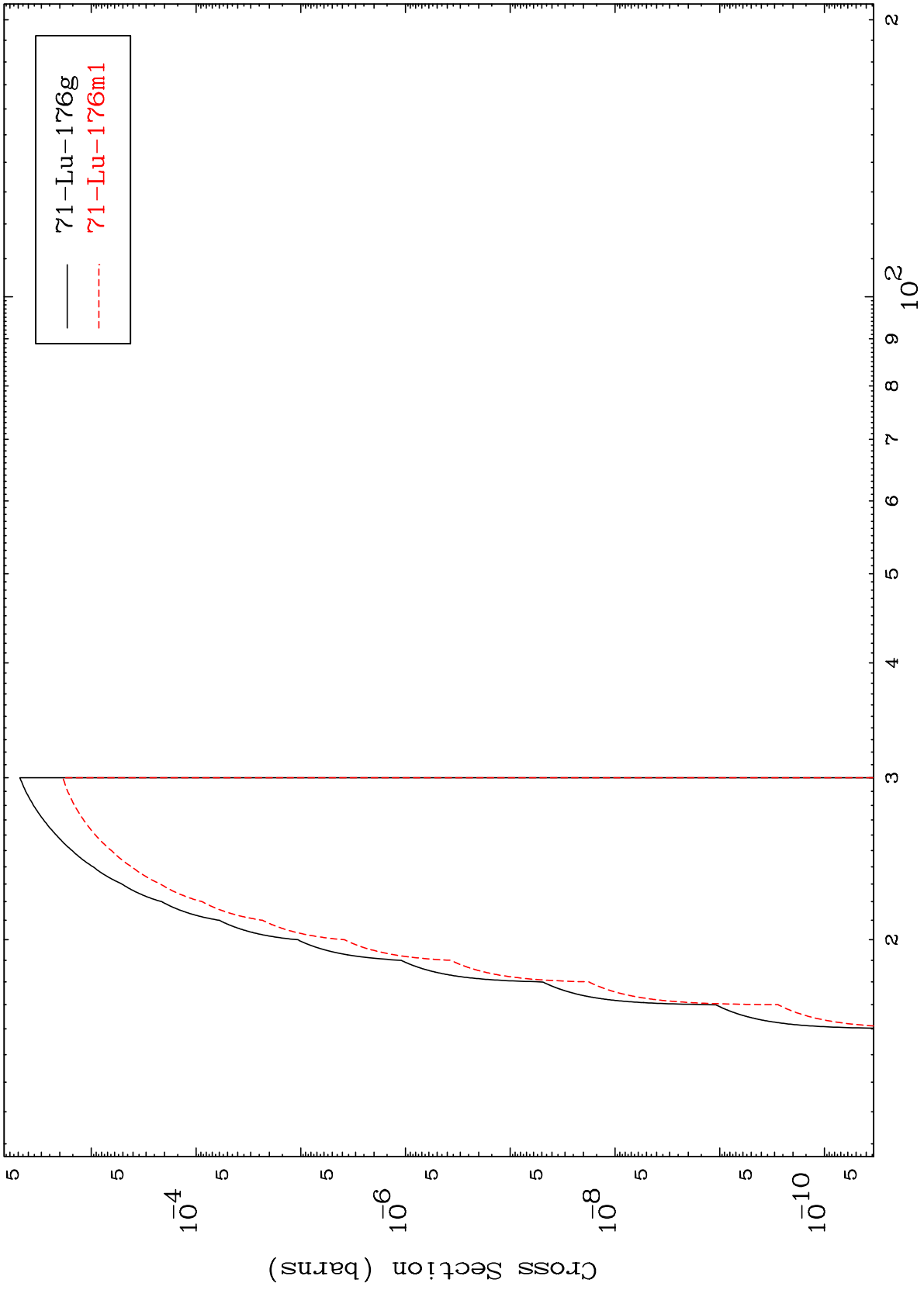
72-Hf-179

MAT 7240

(n,n') t

72-Hf-179

Radionuclide Production Cross Section



122

Incident Energy (MeV)

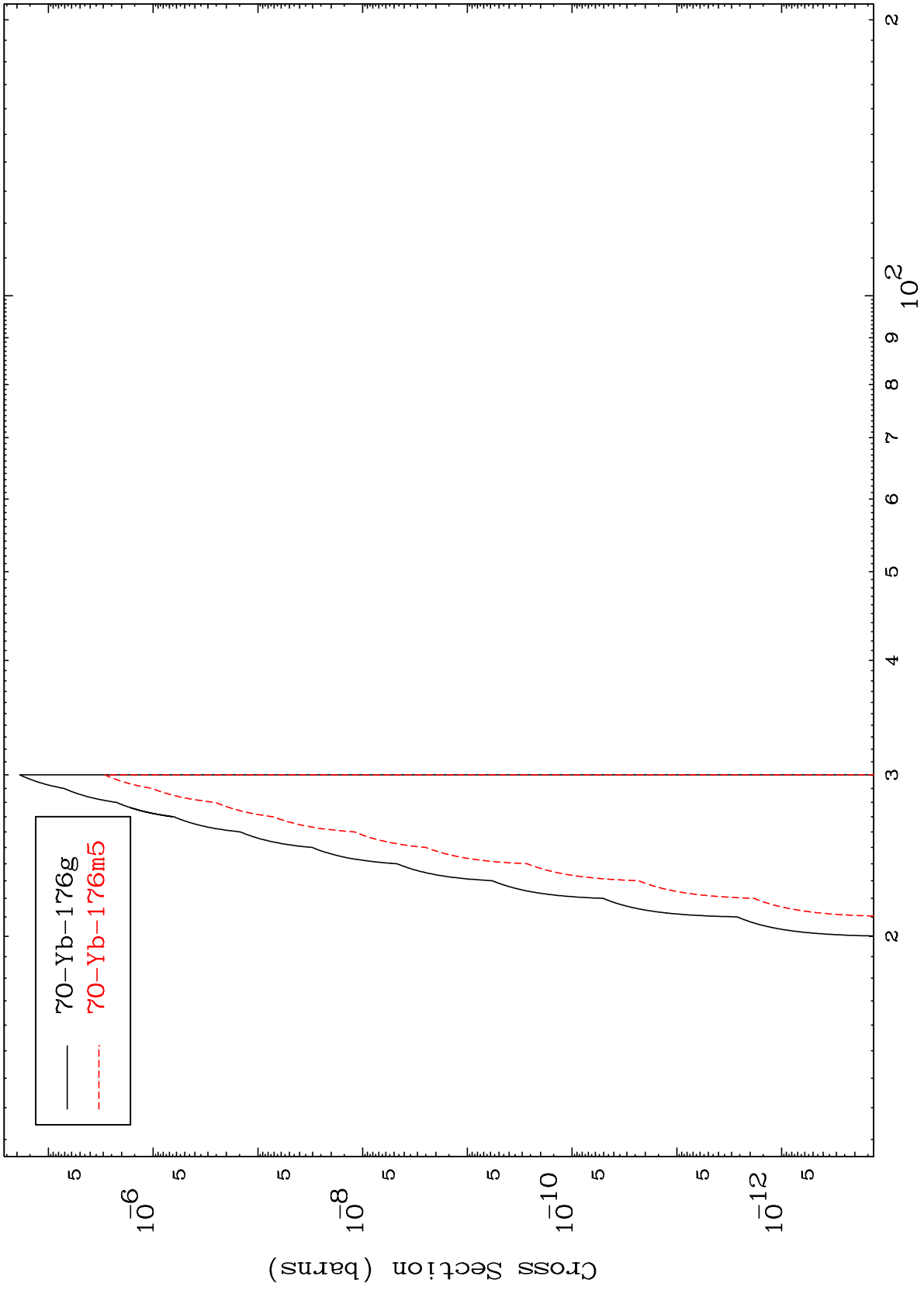
72-Hf-179

MAT 7240

(n, n') He-3

72-Hf-179

Radionuclide Production Cross Section



123

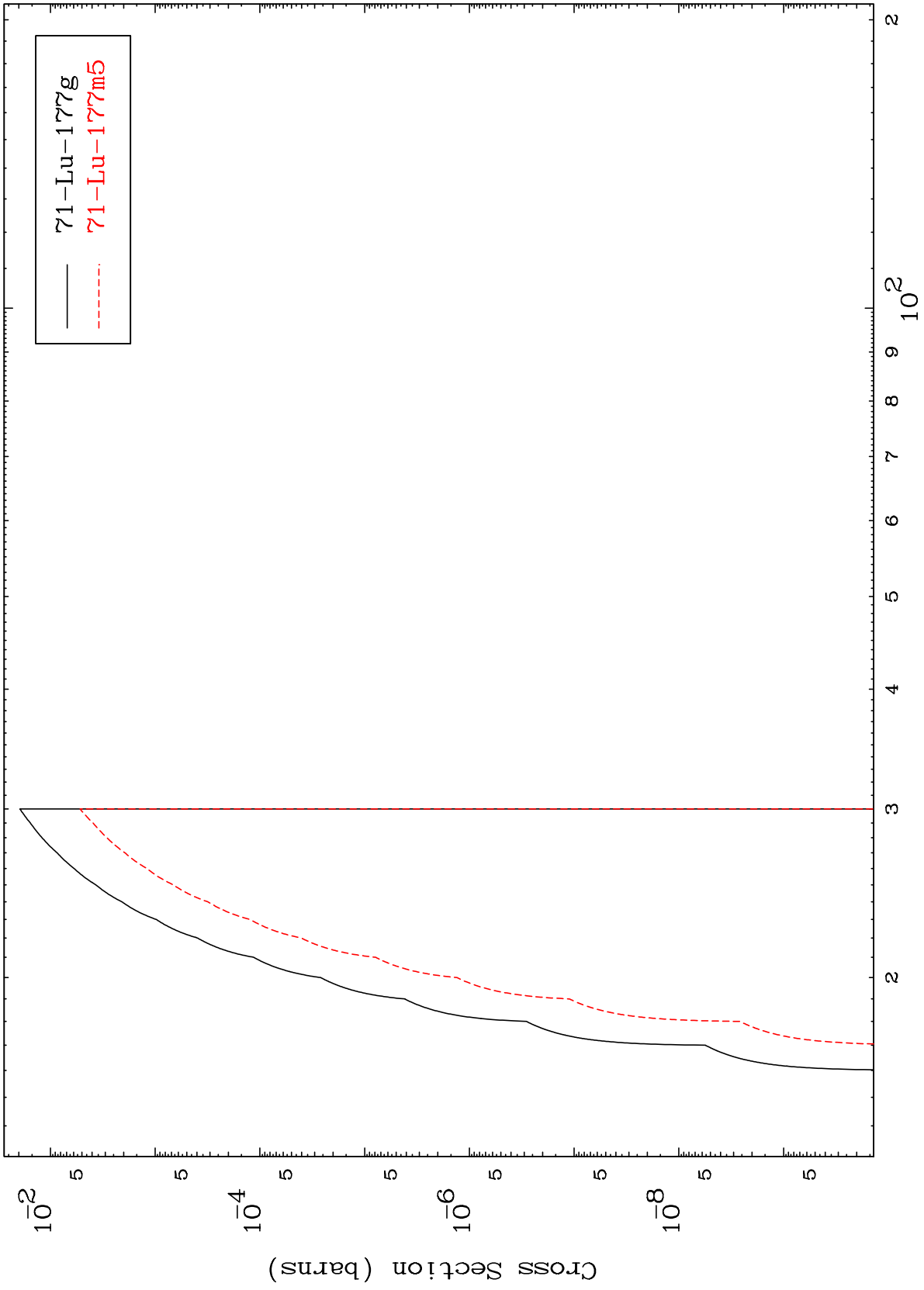
72-Hf-179

MAT 7240

(n,2n) p

72-Hf-179

Radionuclide Production Cross Section



124

Incident Energy (MeV)

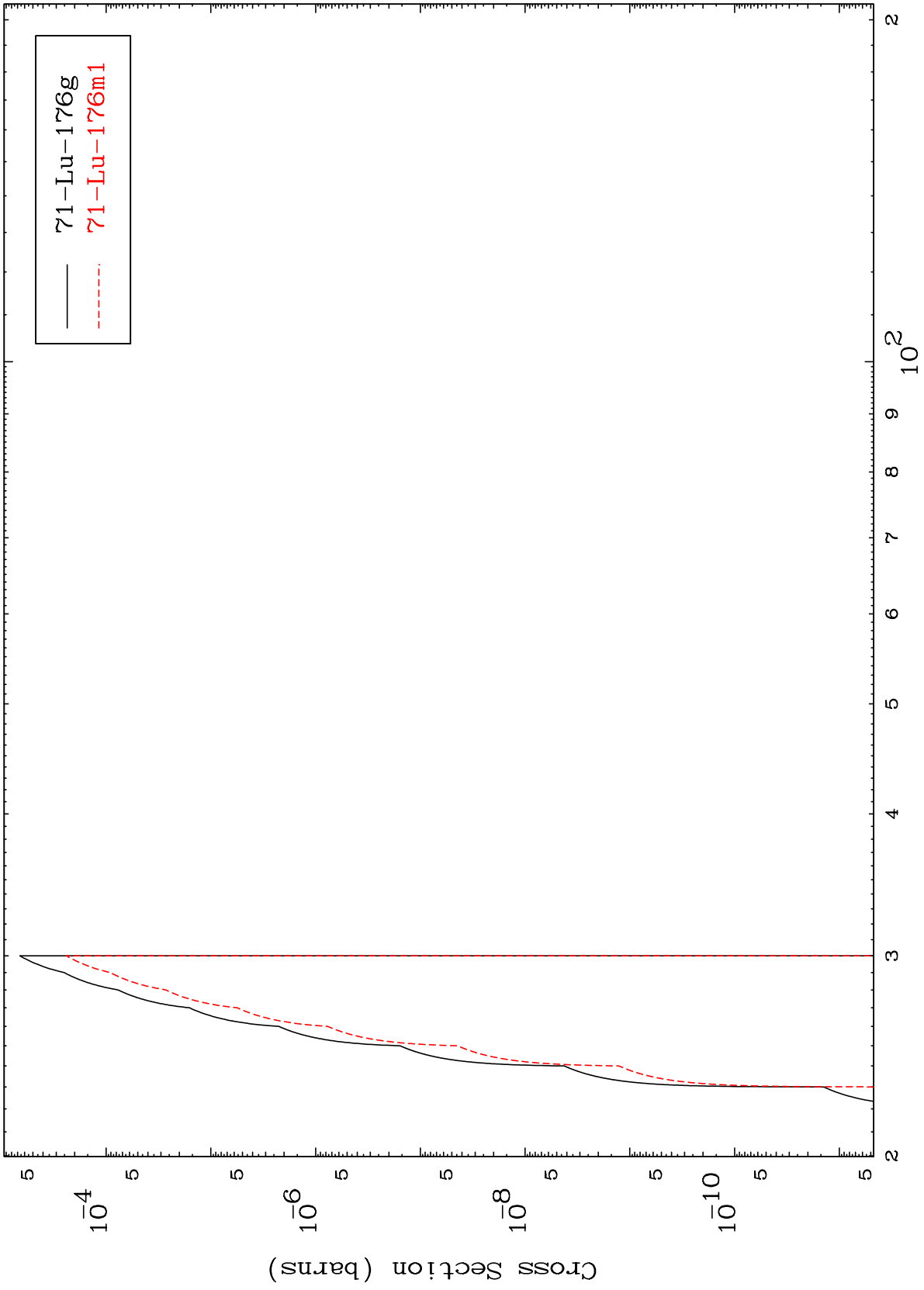
72-Hf-179

MAT 7240

(n,3n) p

72-Hf-179

Radionuclide Production Cross Section



125

Incident Energy (MeV)

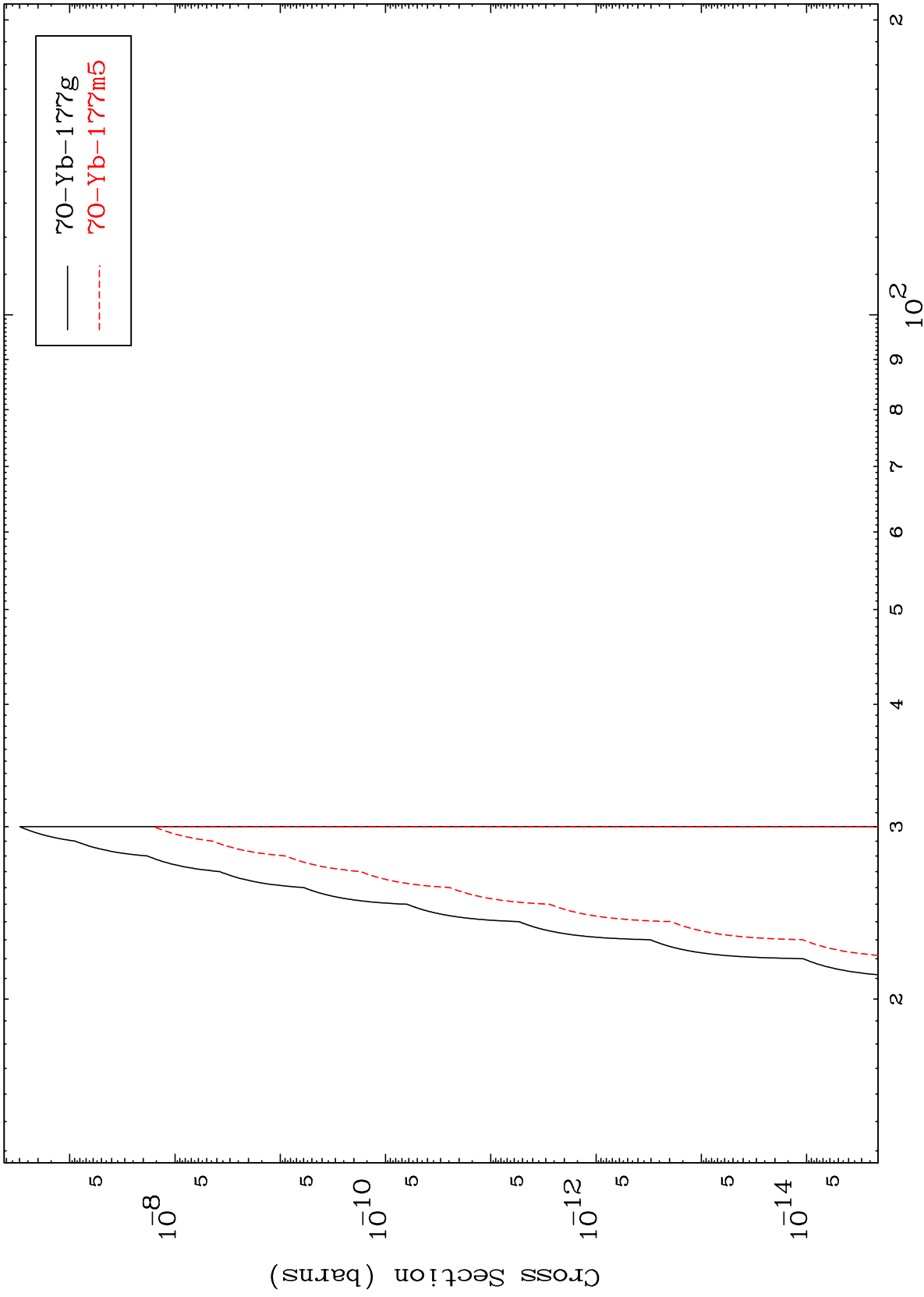
72-Hf-179

MAT 7240

(n,2n) p

72-Hf-179

Radionuclide Production Cross Section



126

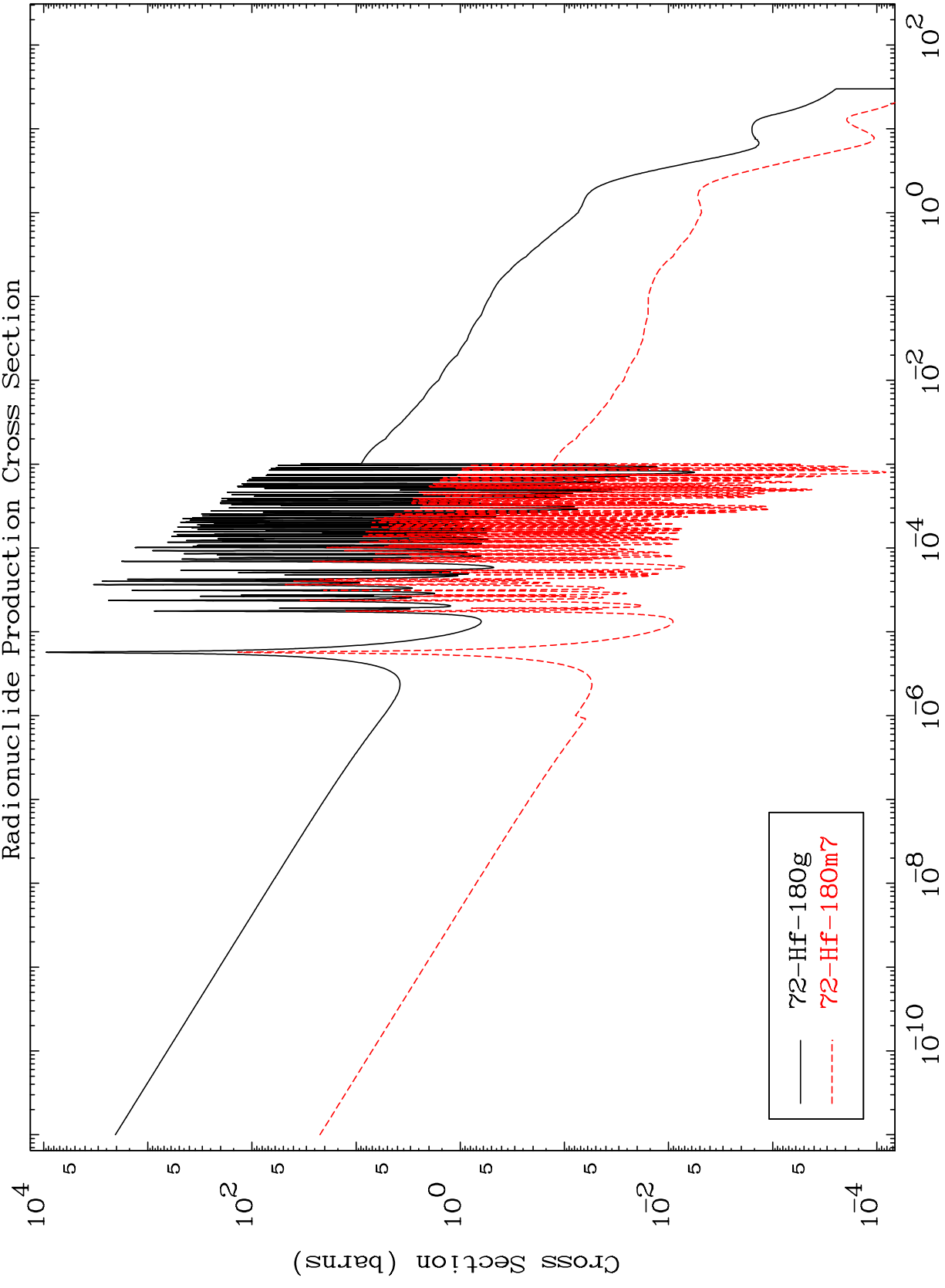
Incident Energy (MeV)

72-Hf-179

MAT 7240

72-Hf-179

Radionuclide Production Cross Section (n,γ)



72-Hf-179

Incident Energy (MeV)

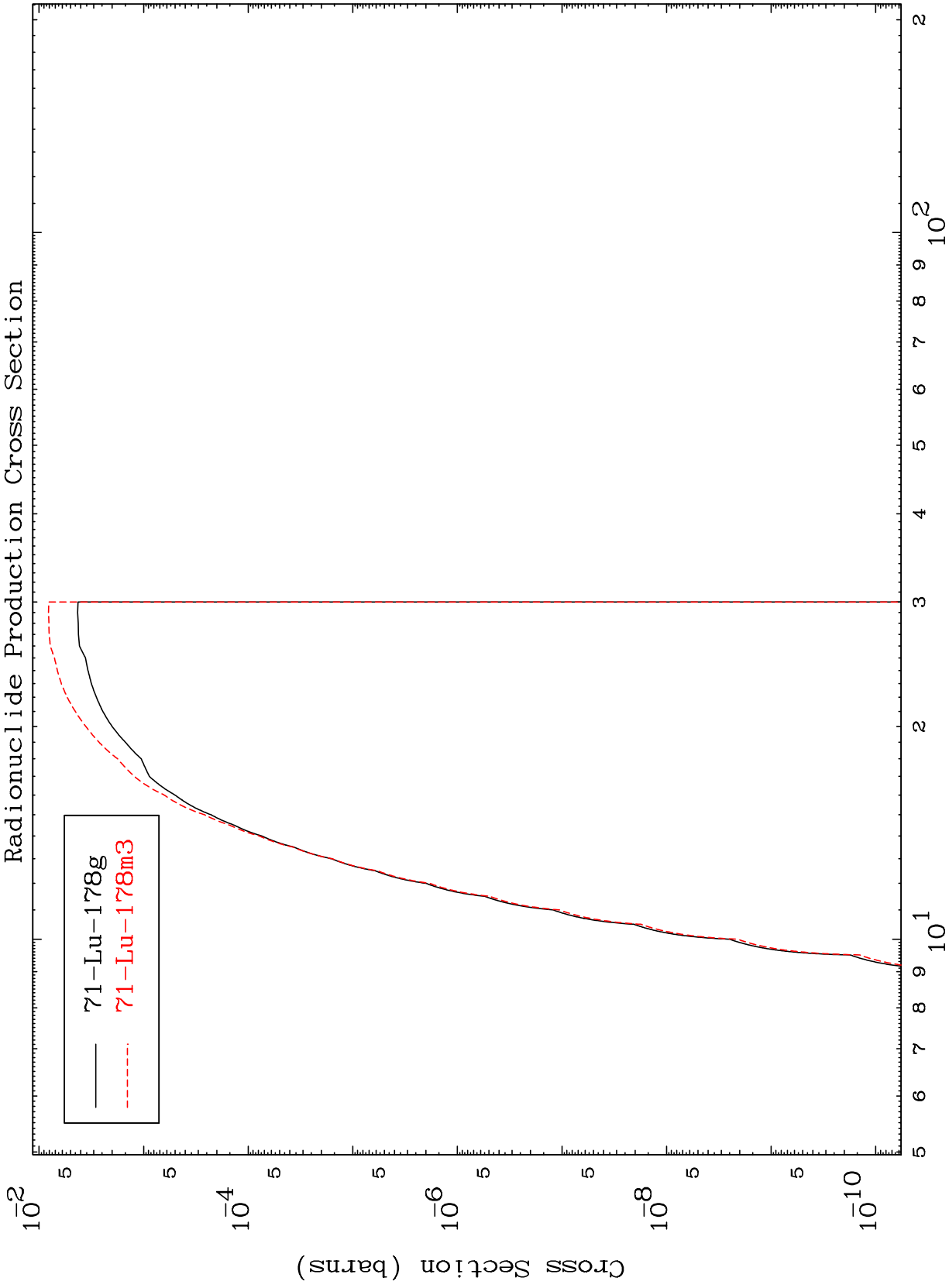
127



MAT 7240

72-Hf-179

Radionuclide Production Cross Section (n,d)



128

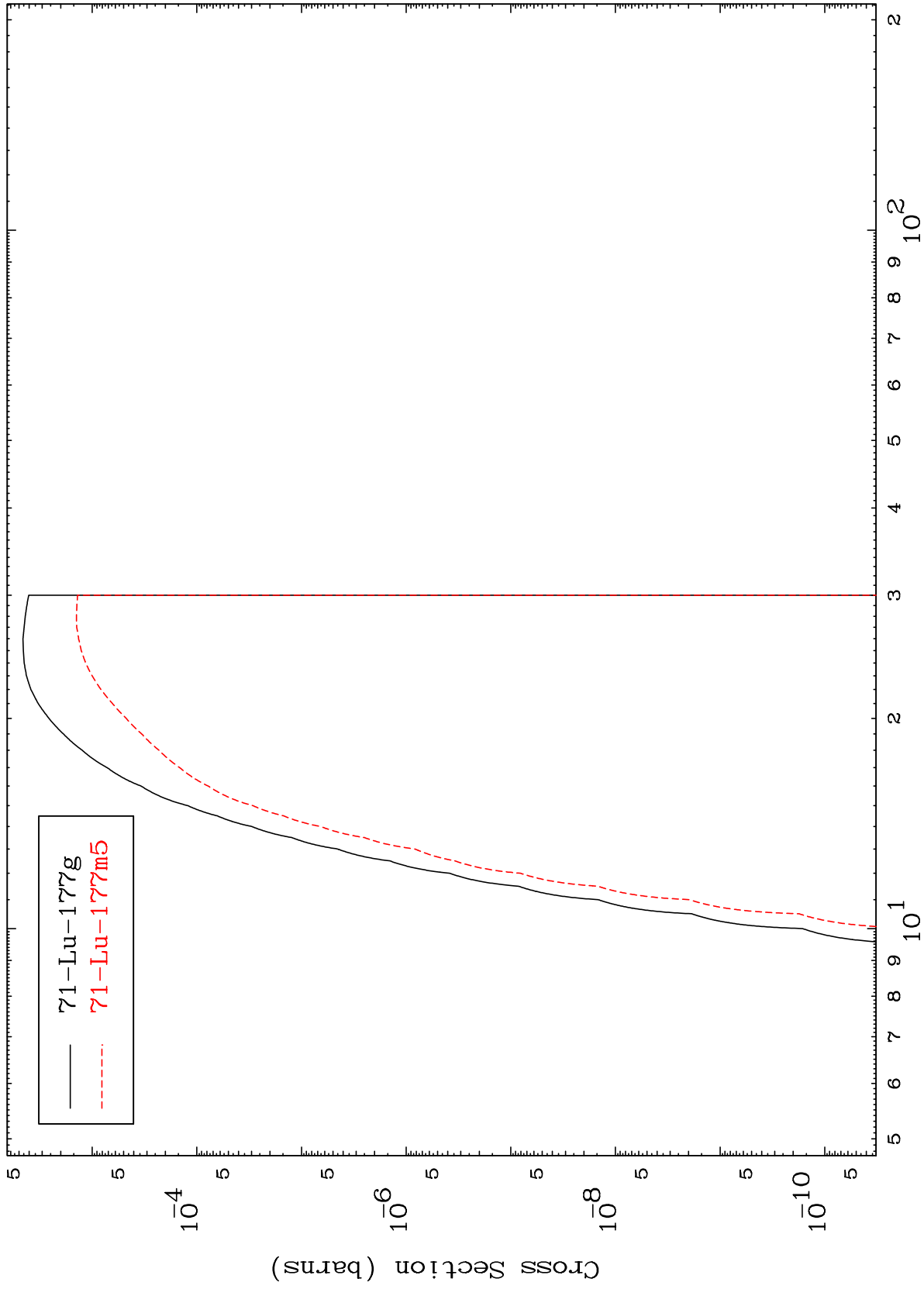
72-Hf-179

Incident Energy (MeV)

MAT 7240

72-Hf-179

(n, t)  
Radionuclide Production Cross Section



129

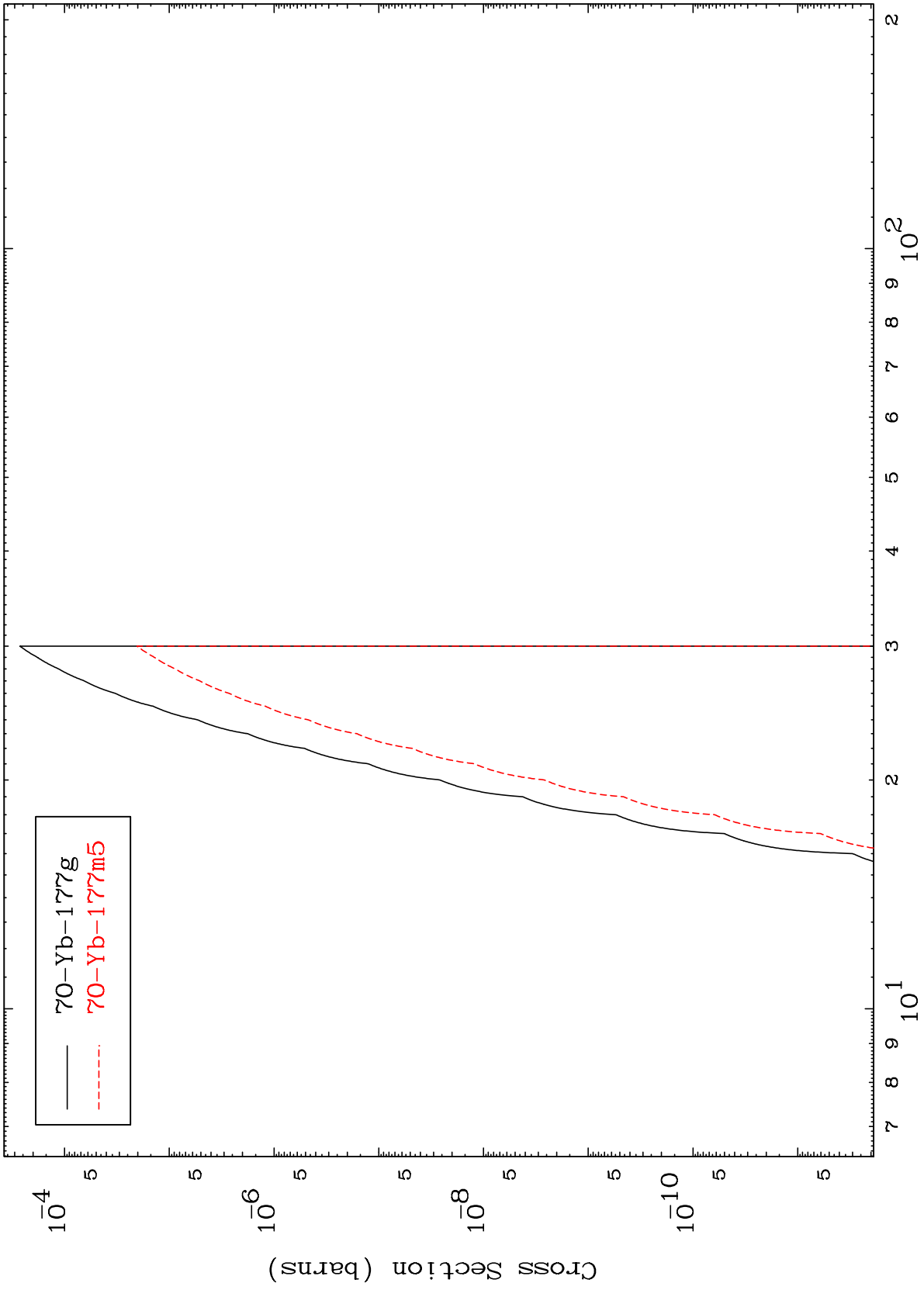
72-Hf-179

MAT 7240

(n, He-3)

72-Hf-179

Radionuclide Production Cross Section



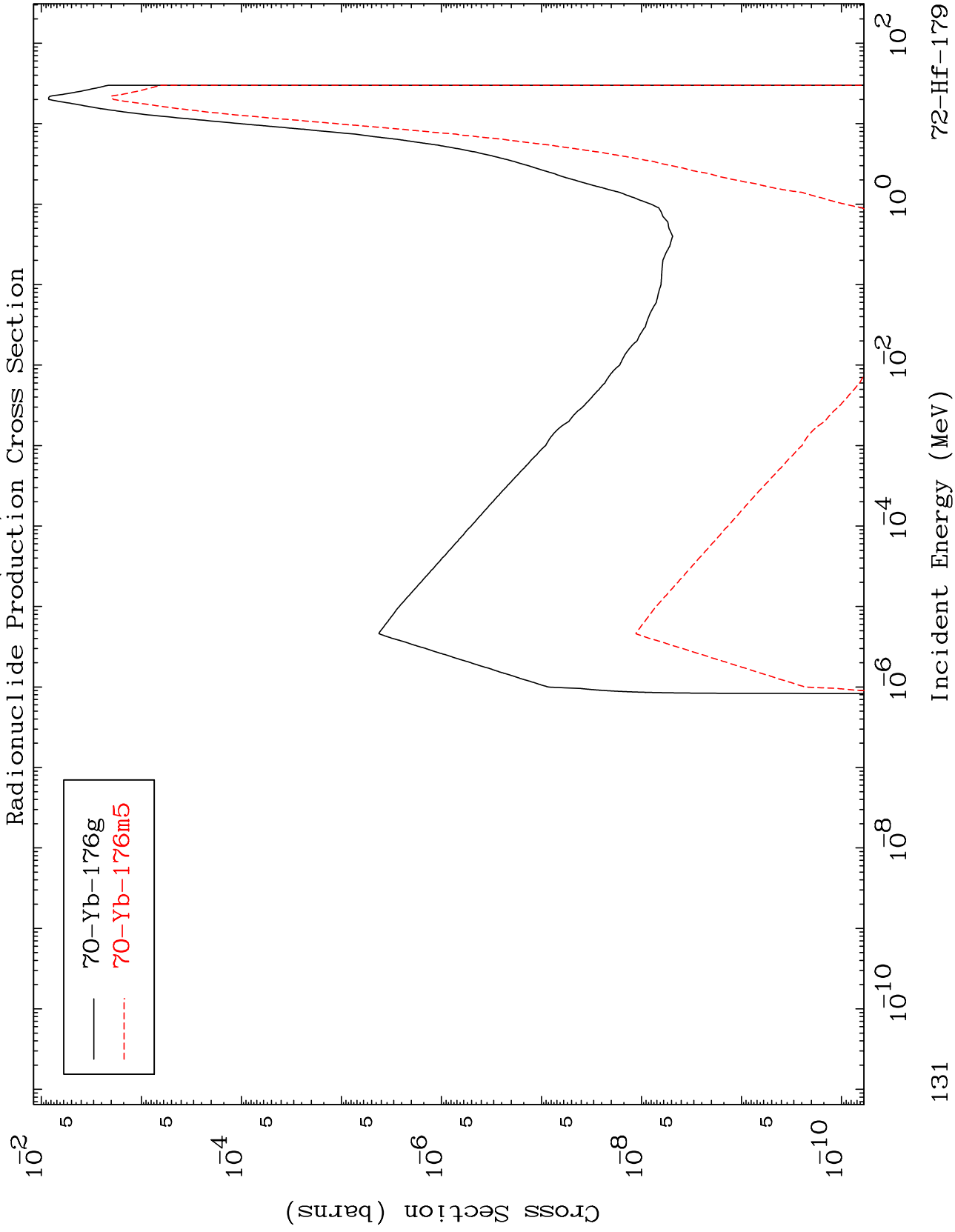
130

72-Hf-179

MAT 7240

(n,  $\alpha$ )

72-Hf-179

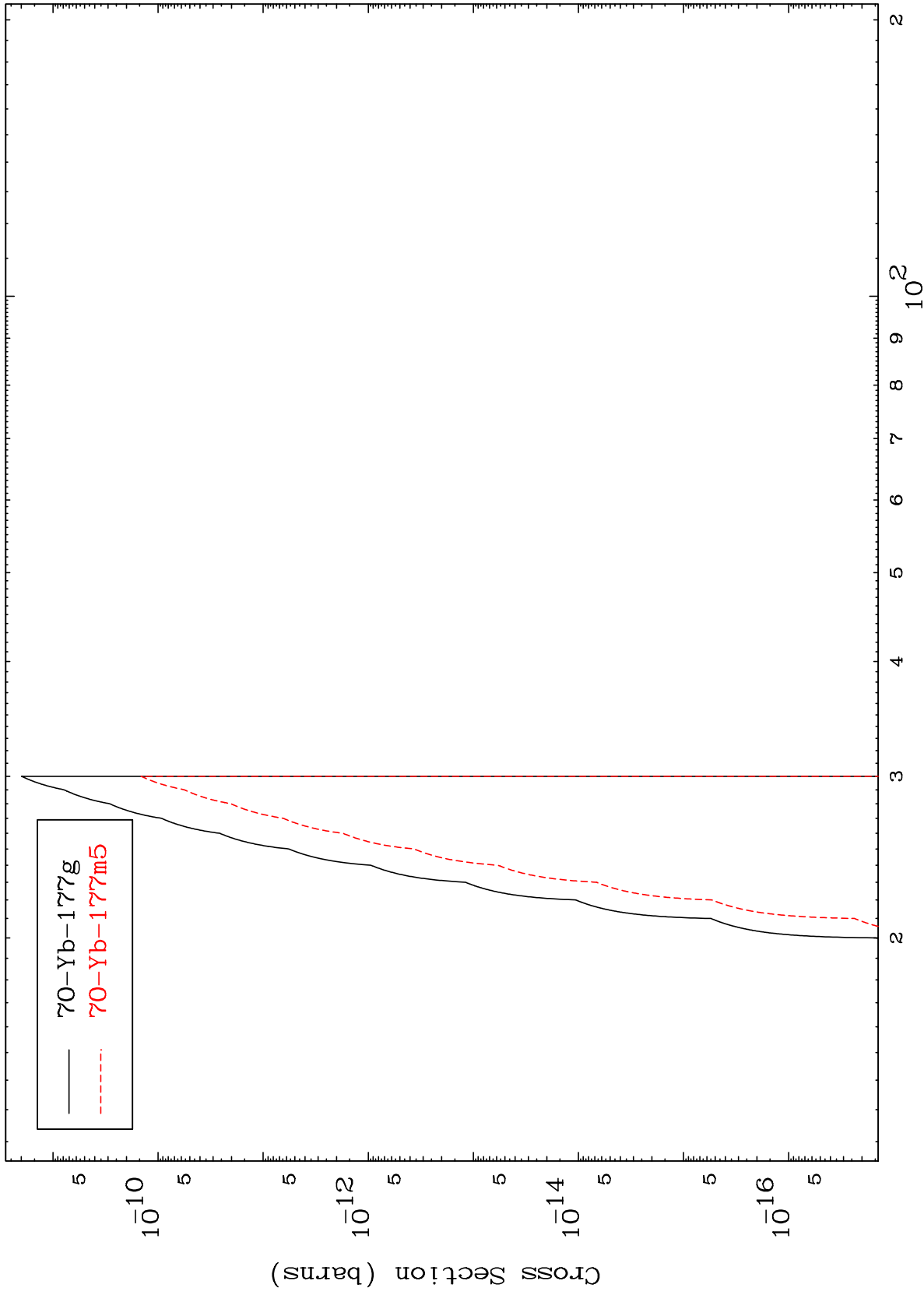


MAT 7240

(n,p) d

72-Hf-179

Radionuclide Production Cross Section



132

Incident Energy (MeV)

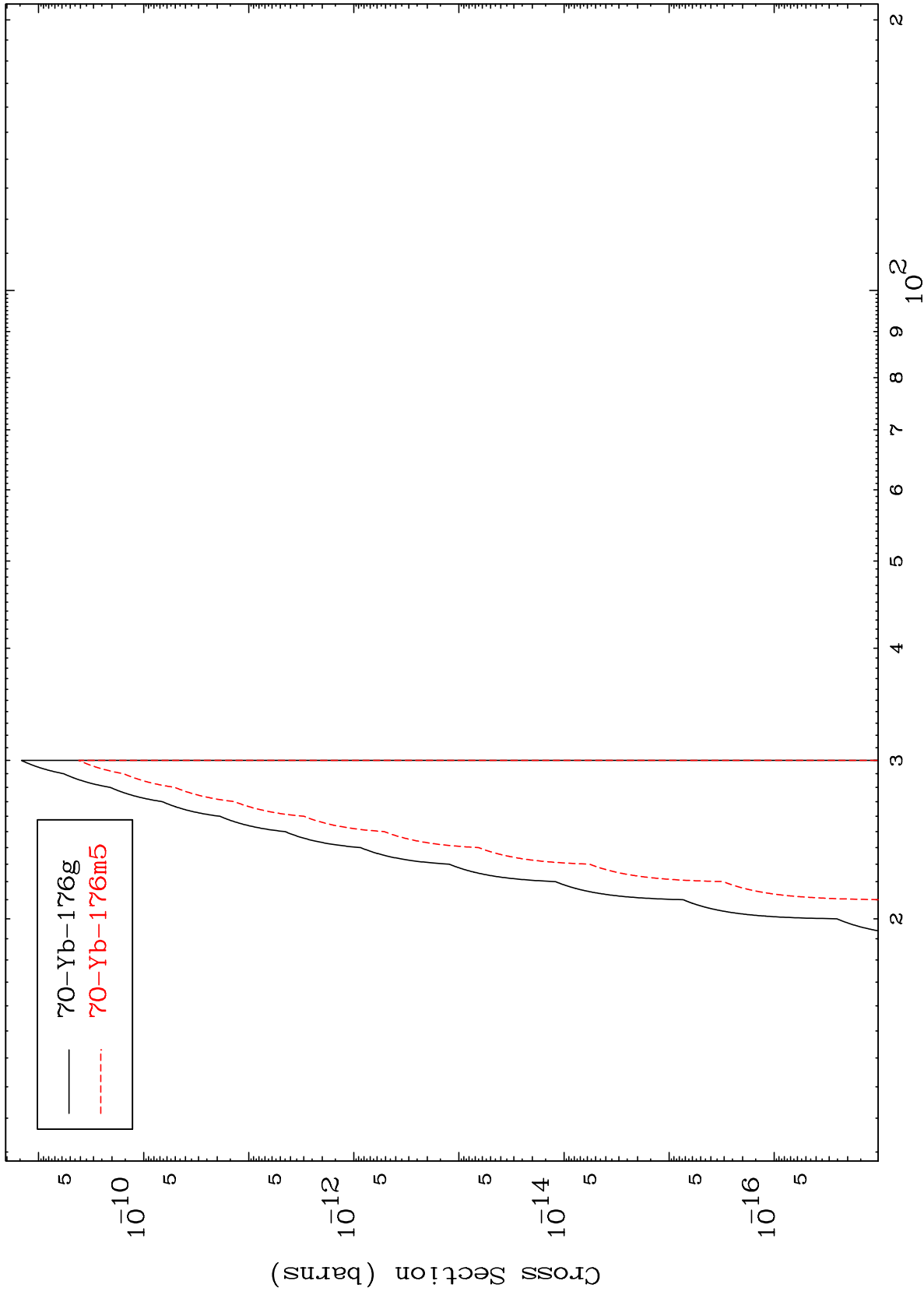
72-Hf-179

MAT 7240

(n,p) t

72-Hf-179

Radionuclide Production Cross Section



133

Incident Energy (MeV)

72-Hf-179