

Program EVALPLOT
(Version 2018-1)

by

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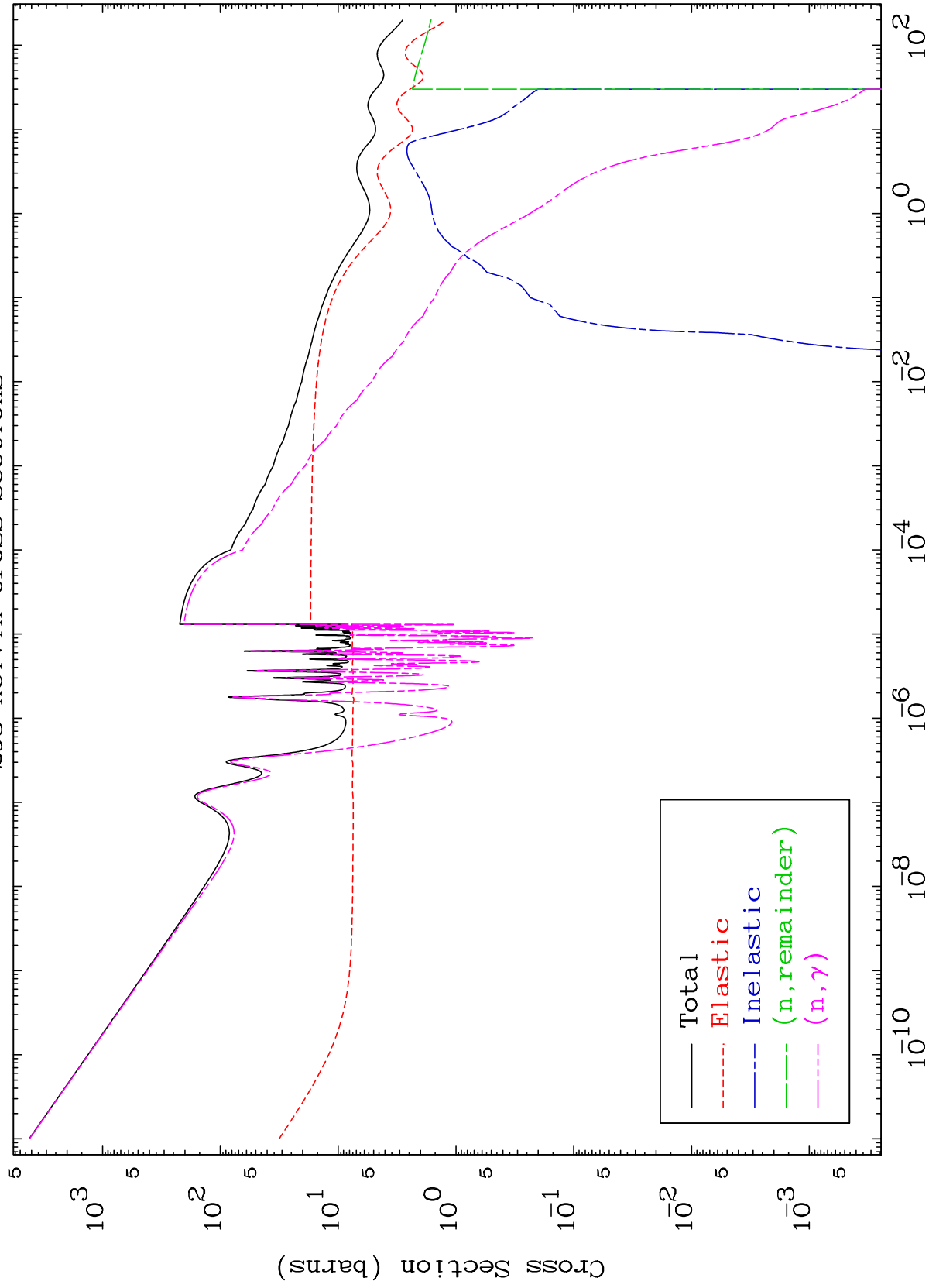
Press Mouse Button to Start

MAT 7722

Major

293 Kelvin Cross Sections

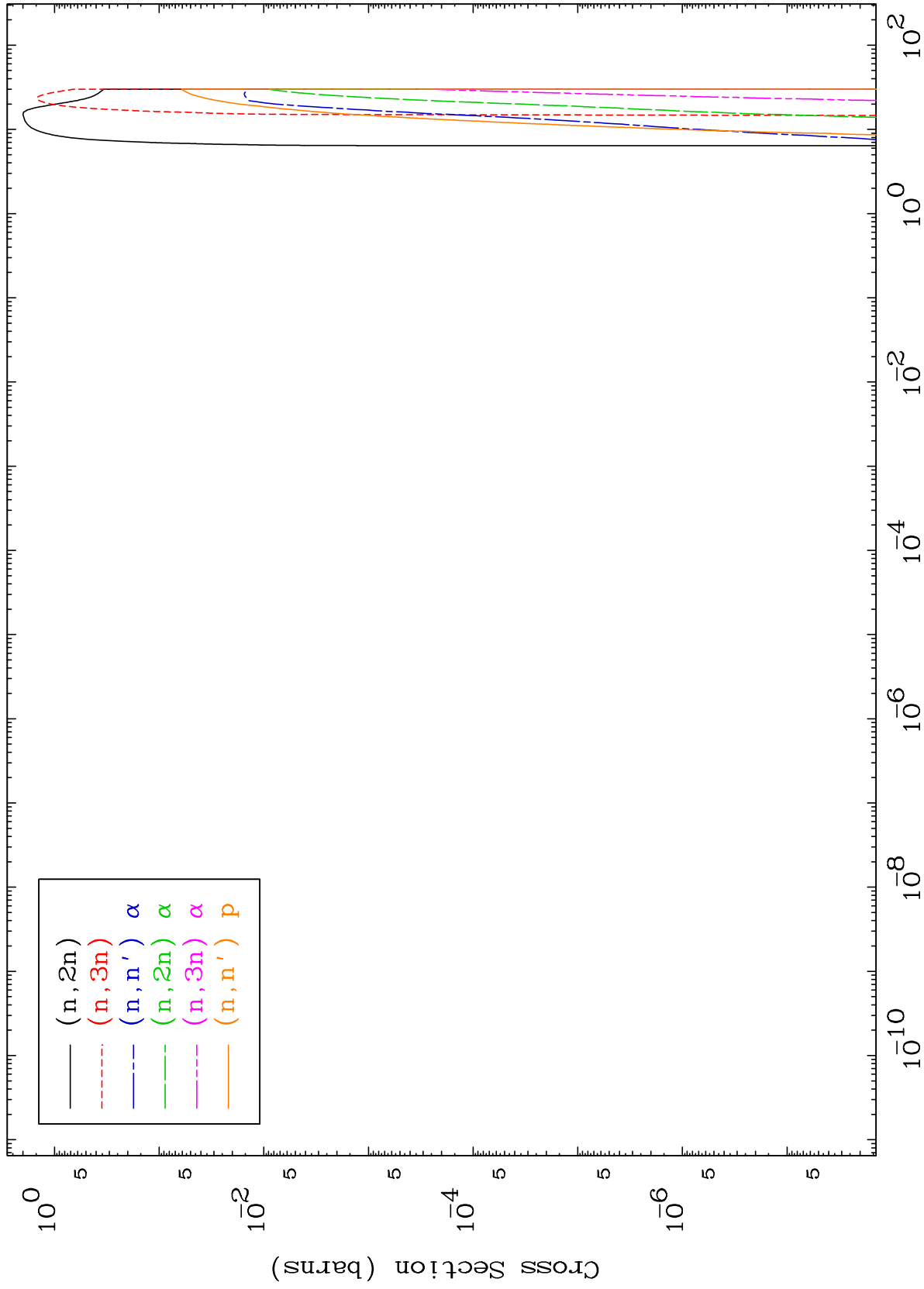
77-Ir-190



MAT 7722

Neutron Production
293 Kelvin Cross Sections

77-Ir-190



2

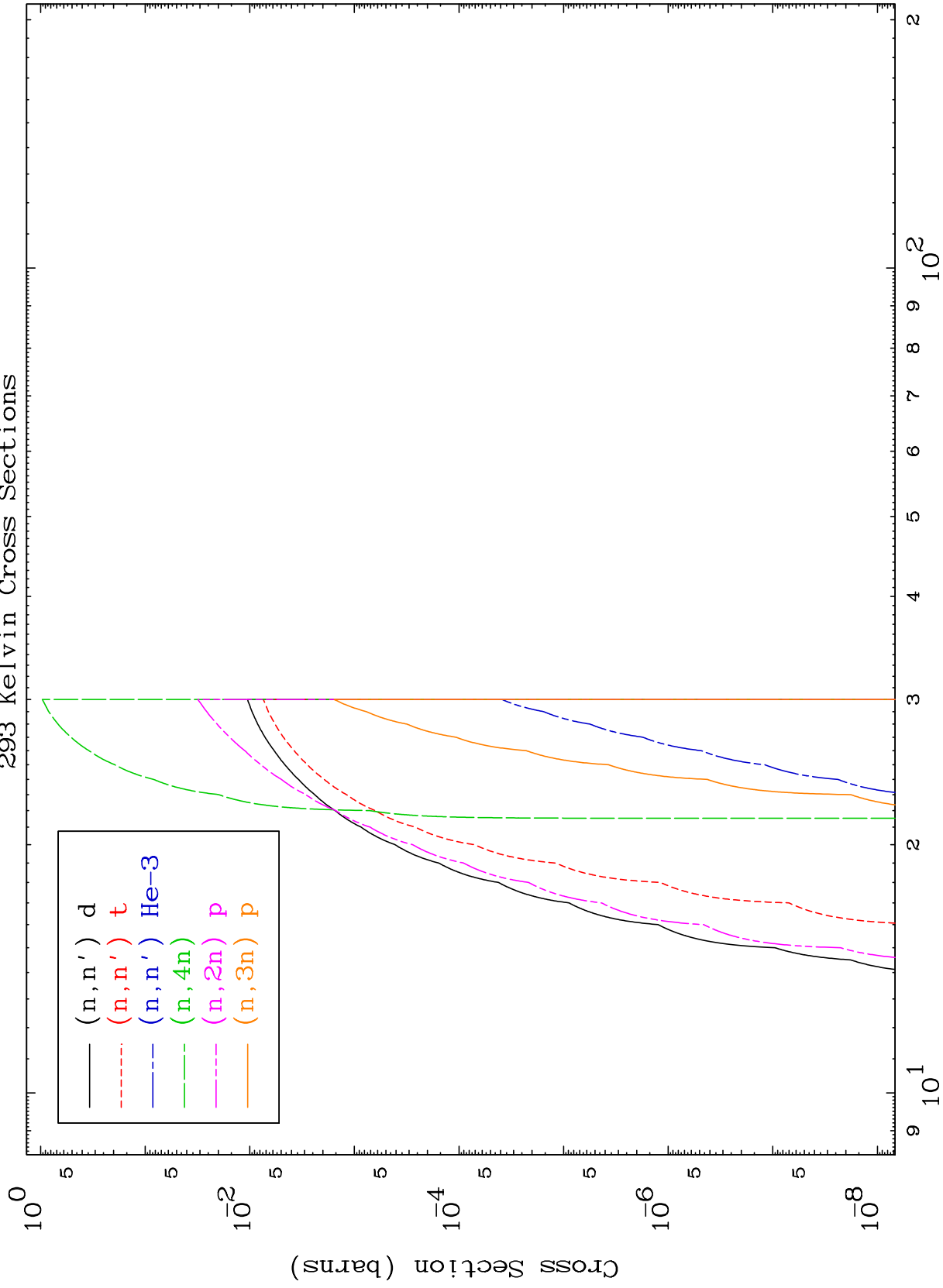
Incident Energy (MeV)

77-Ir-190

MAT 7722

Neutron Production
293 Kelvin Cross Sections

77-Ir-190



3

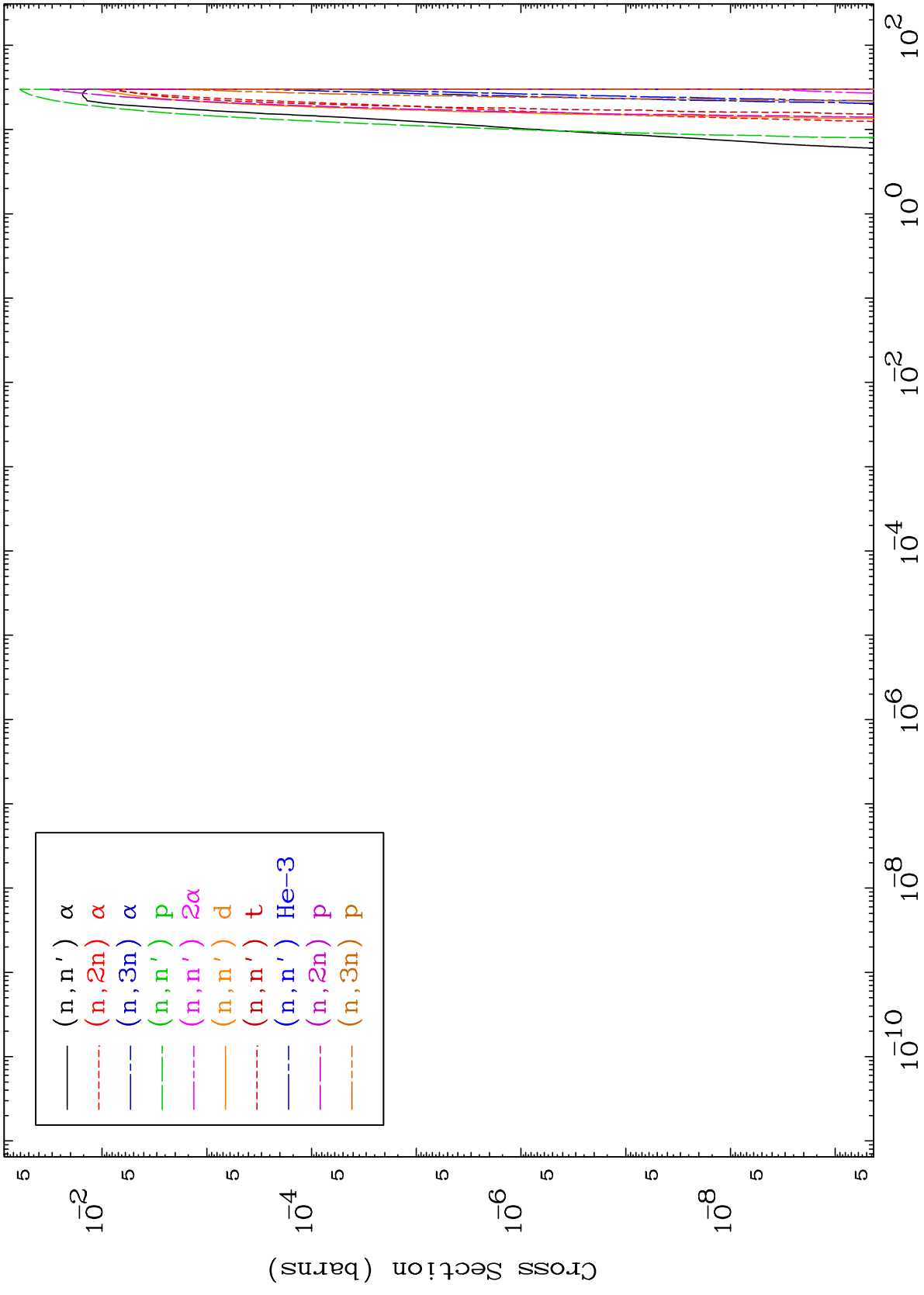
Incident Energy (MeV)

77-Ir-190

MAT 7722

Charged Particle
293 Kelvin Cross Sections

77-Ir-190

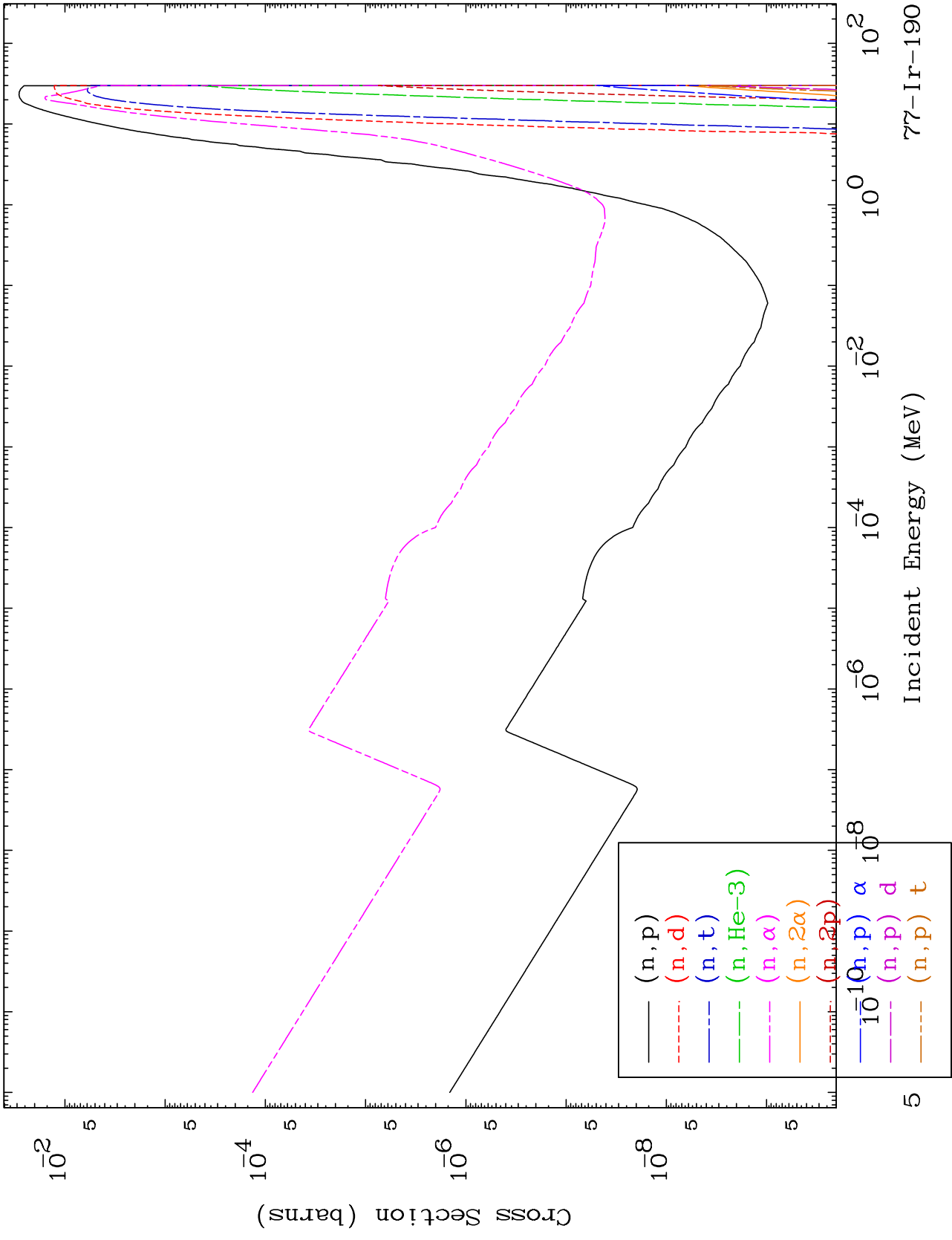


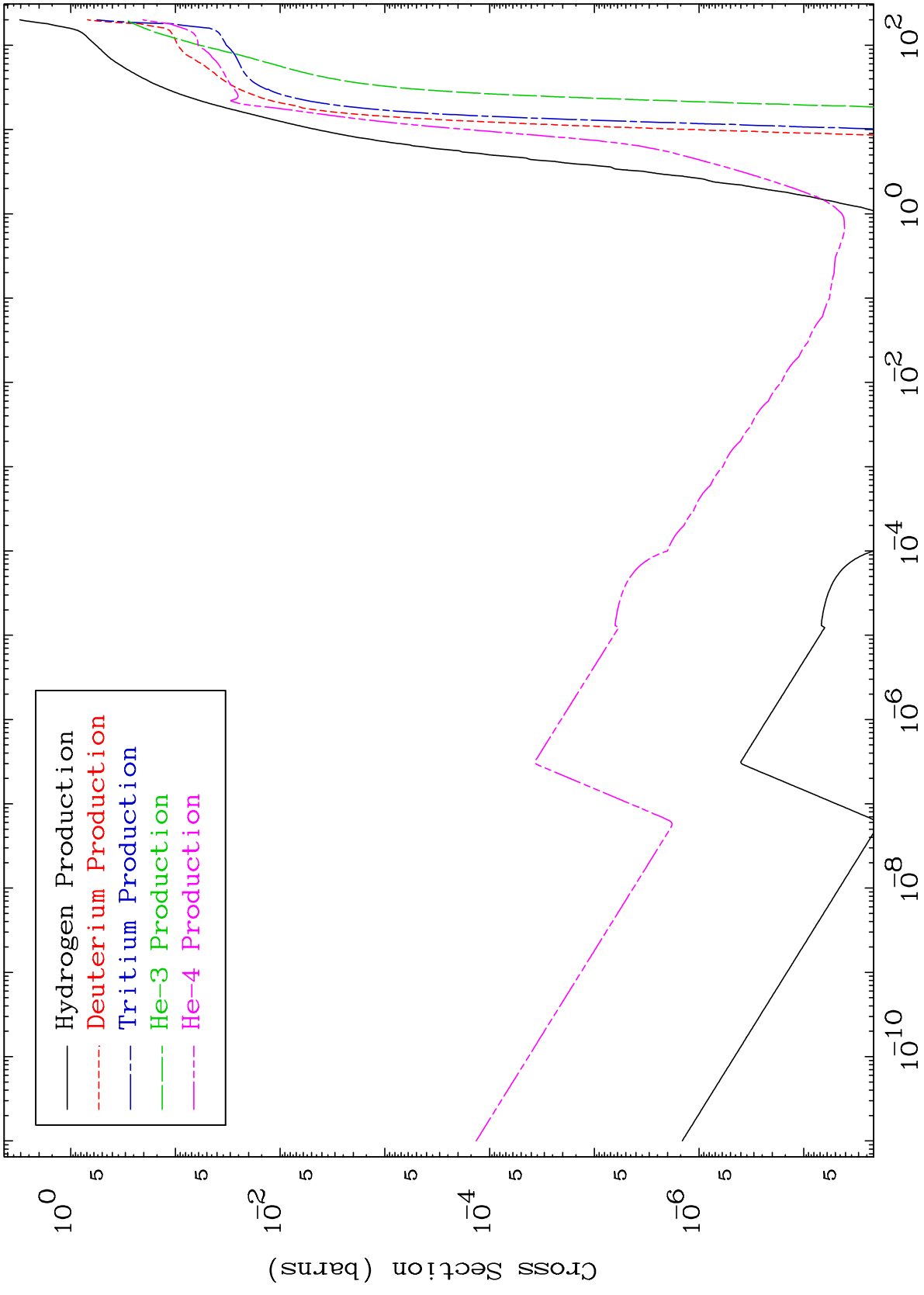
77-Ir-190

MAT 7722

Charged Particle
293 Kelvin Cross Sections

77-Ir-190

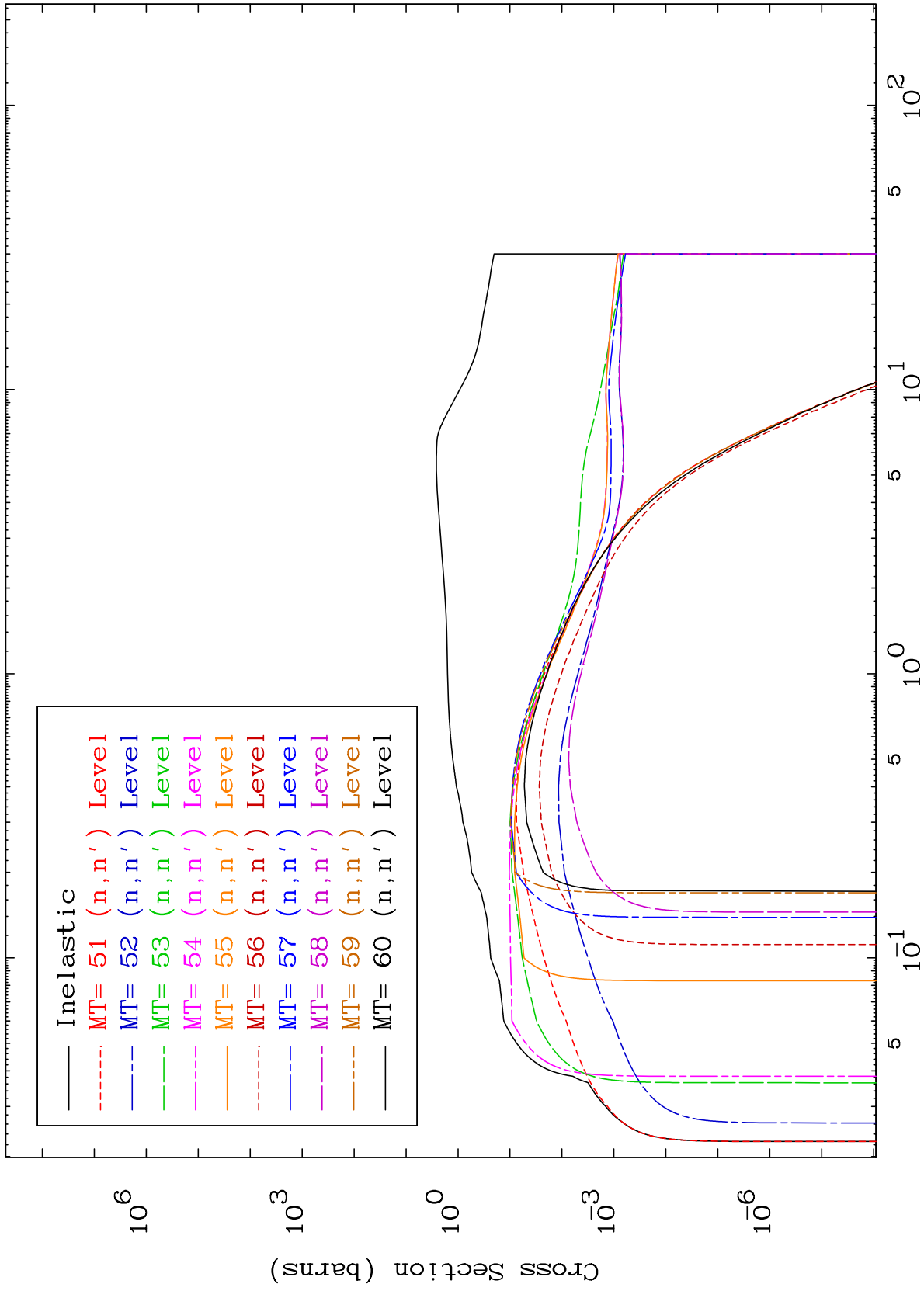




MAT 7722

(n,n') Level
293 Kelvin Cross Sections

77-Ir-190

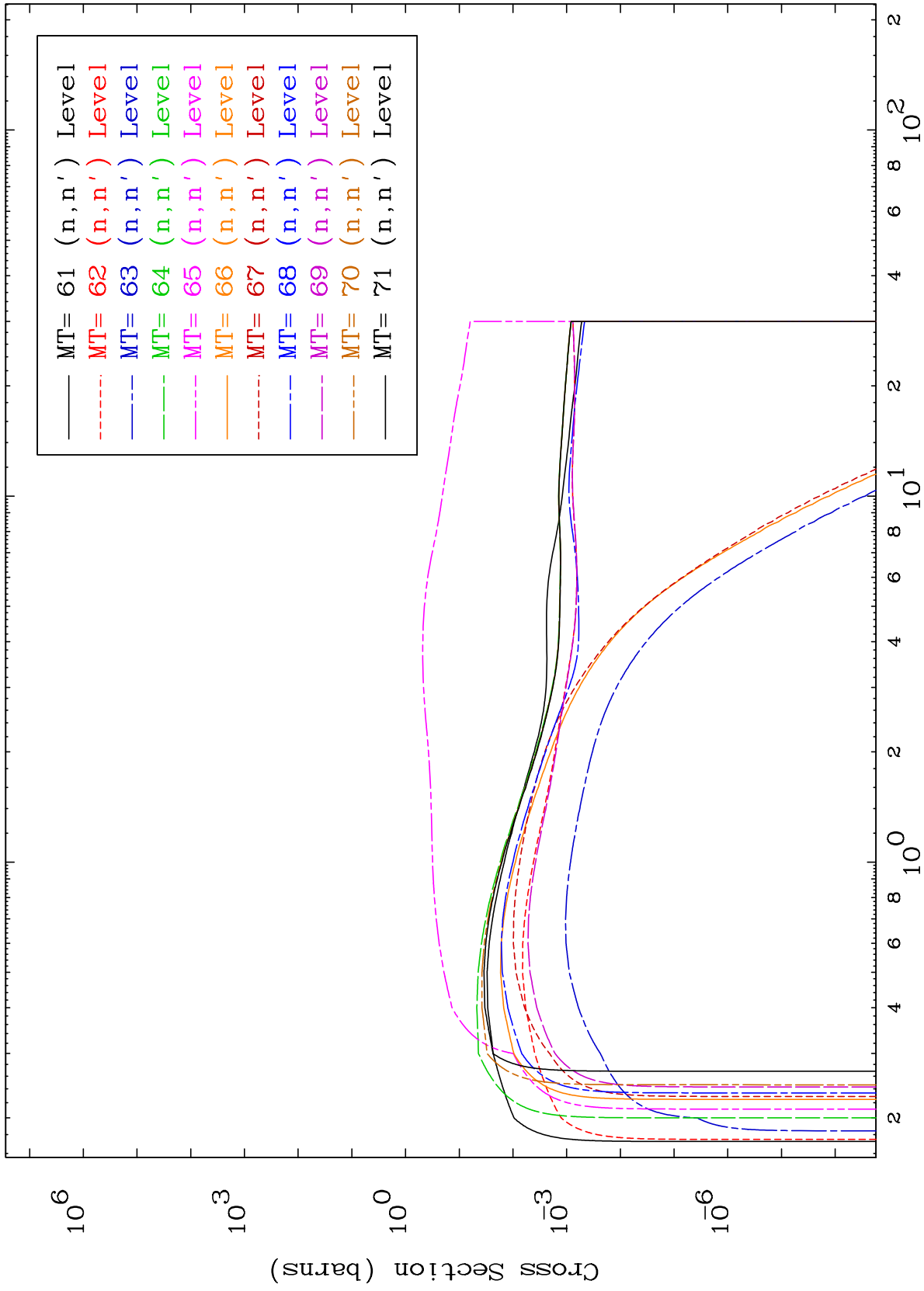


MAT 7722

(n,n') Level

77-Ir-190

293 Kelvin Cross Sections



8

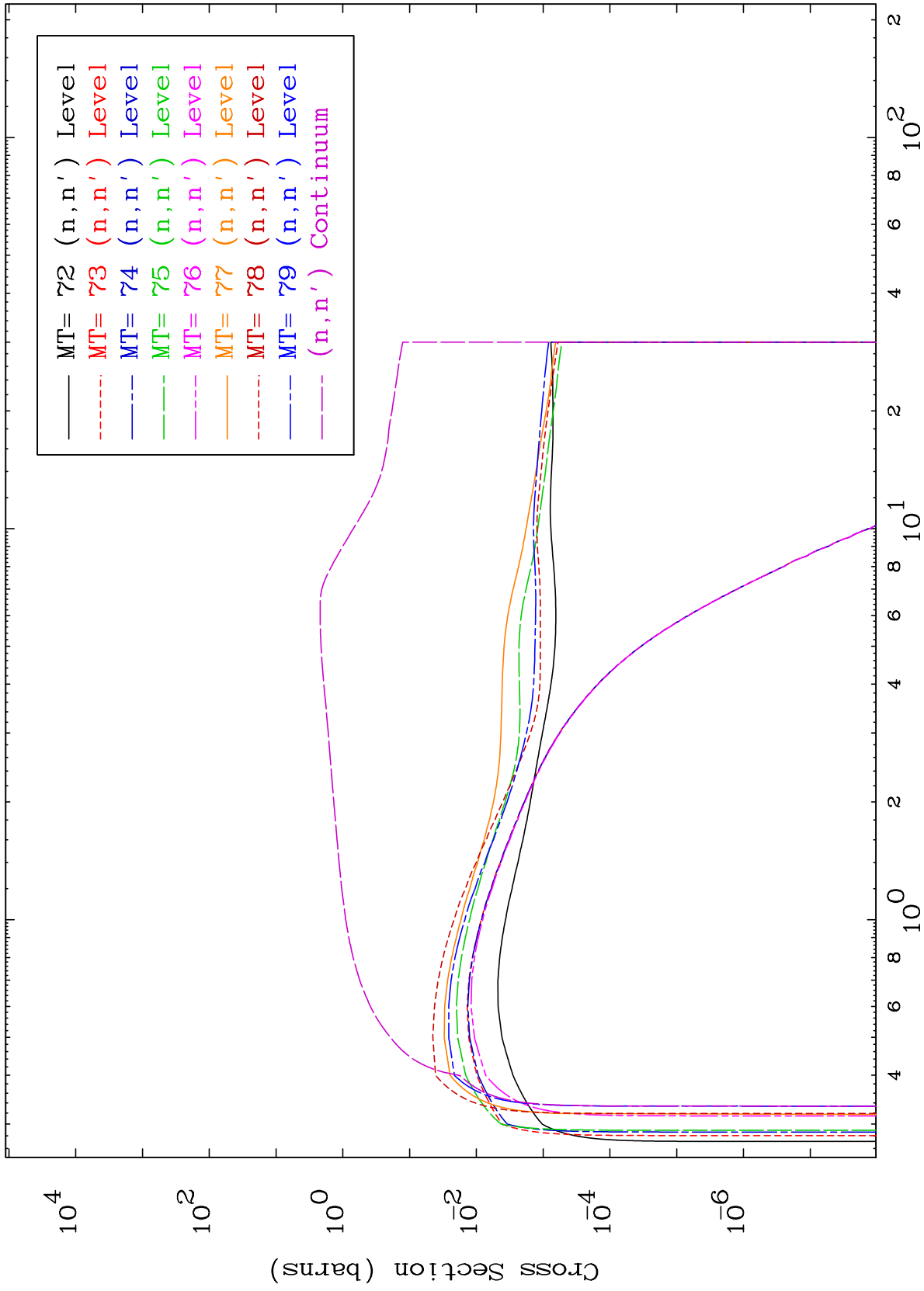
Incident Energy (MeV)

77-Ir-190

MAT 7722

(n,n') Level
293 Kelvin Cross Sections

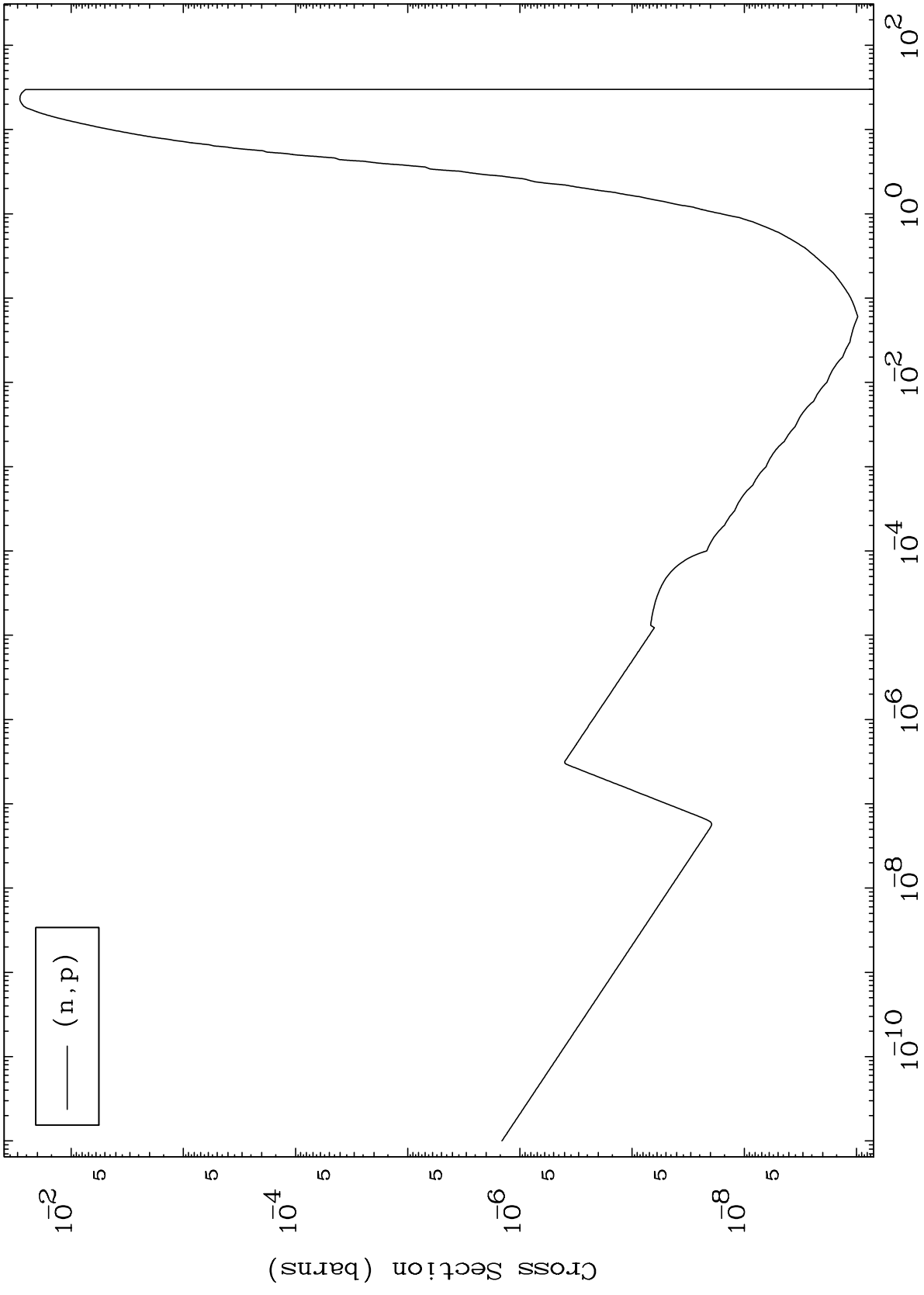
77-Ir-190



MAT 7722

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-190



10

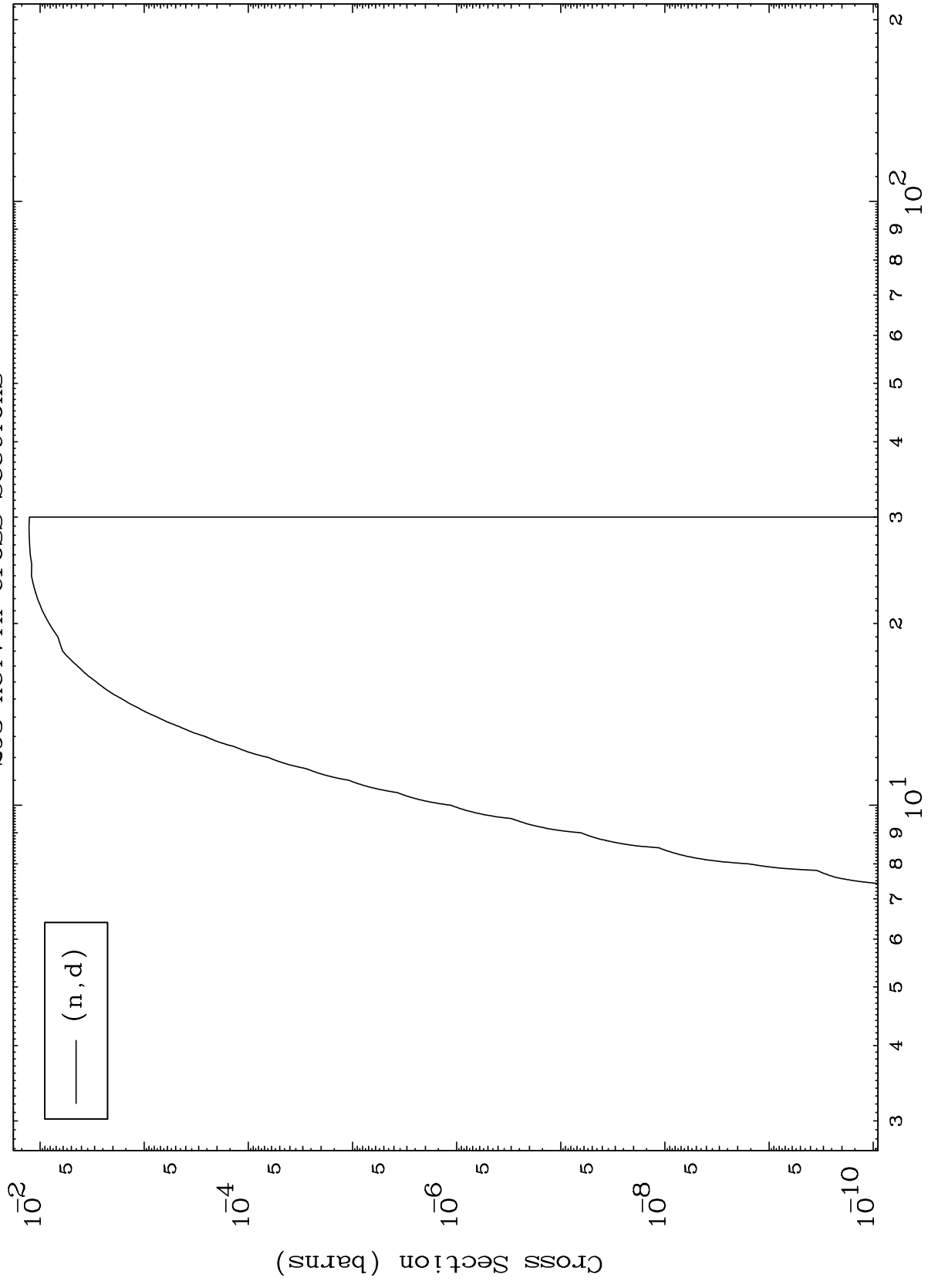
Incident Energy (MeV)

77-Ir-190

MAT 7722

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-190



11

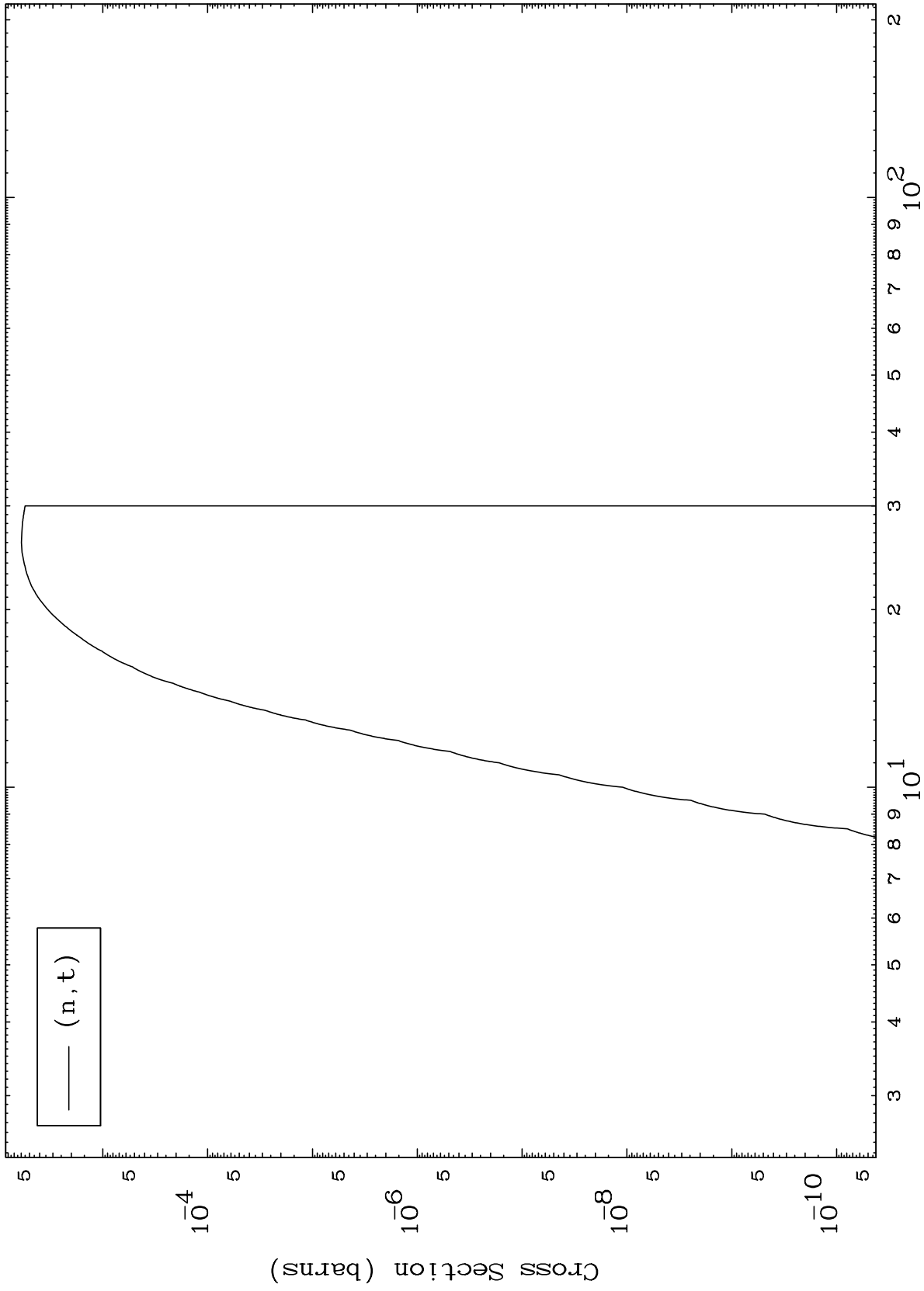
Incident Energy (MeV)

77-Ir-190

MAT 7722

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-190



12

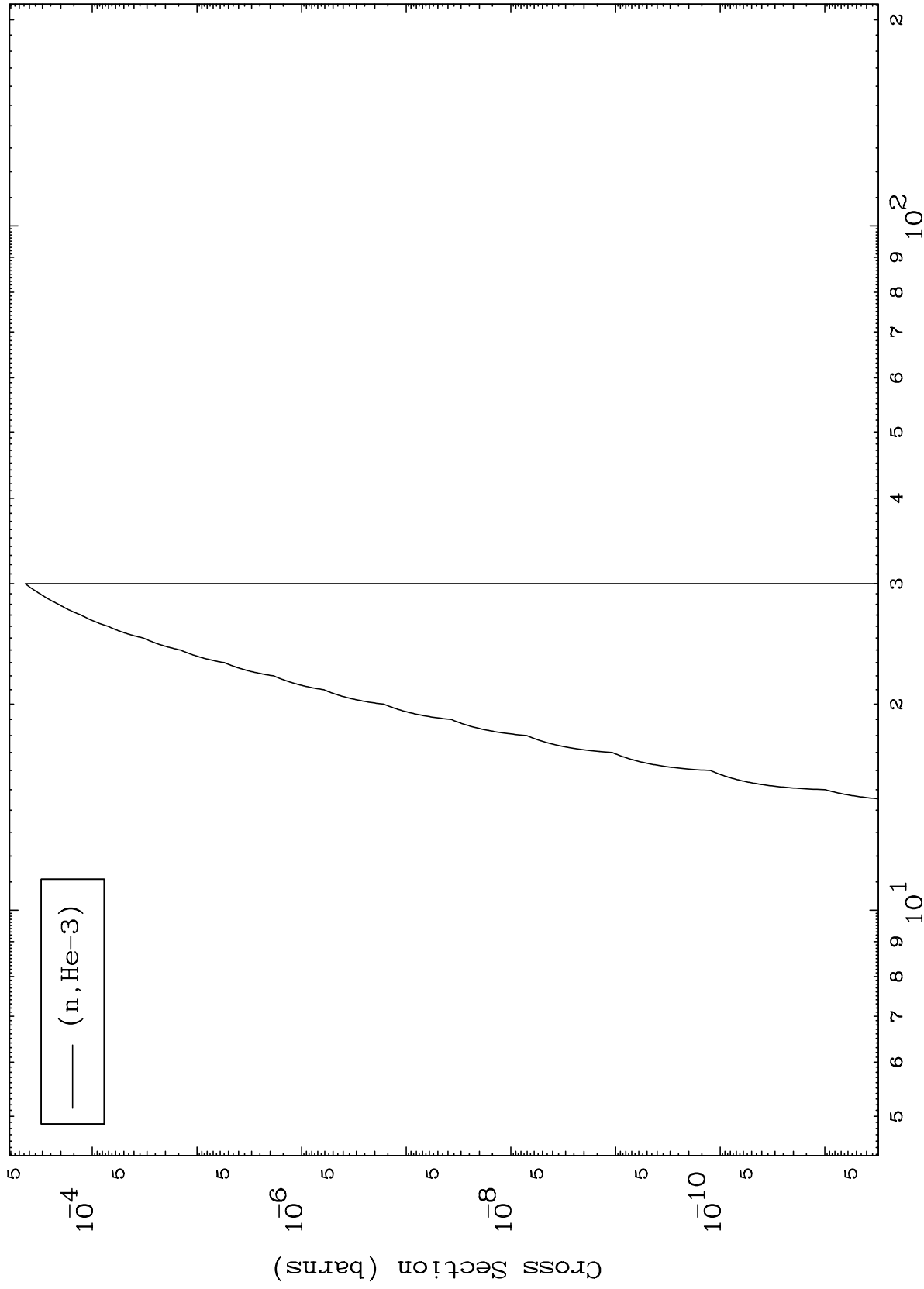
Incident Energy (MeV)

77-Ir-190

MAT 7722

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-190



13

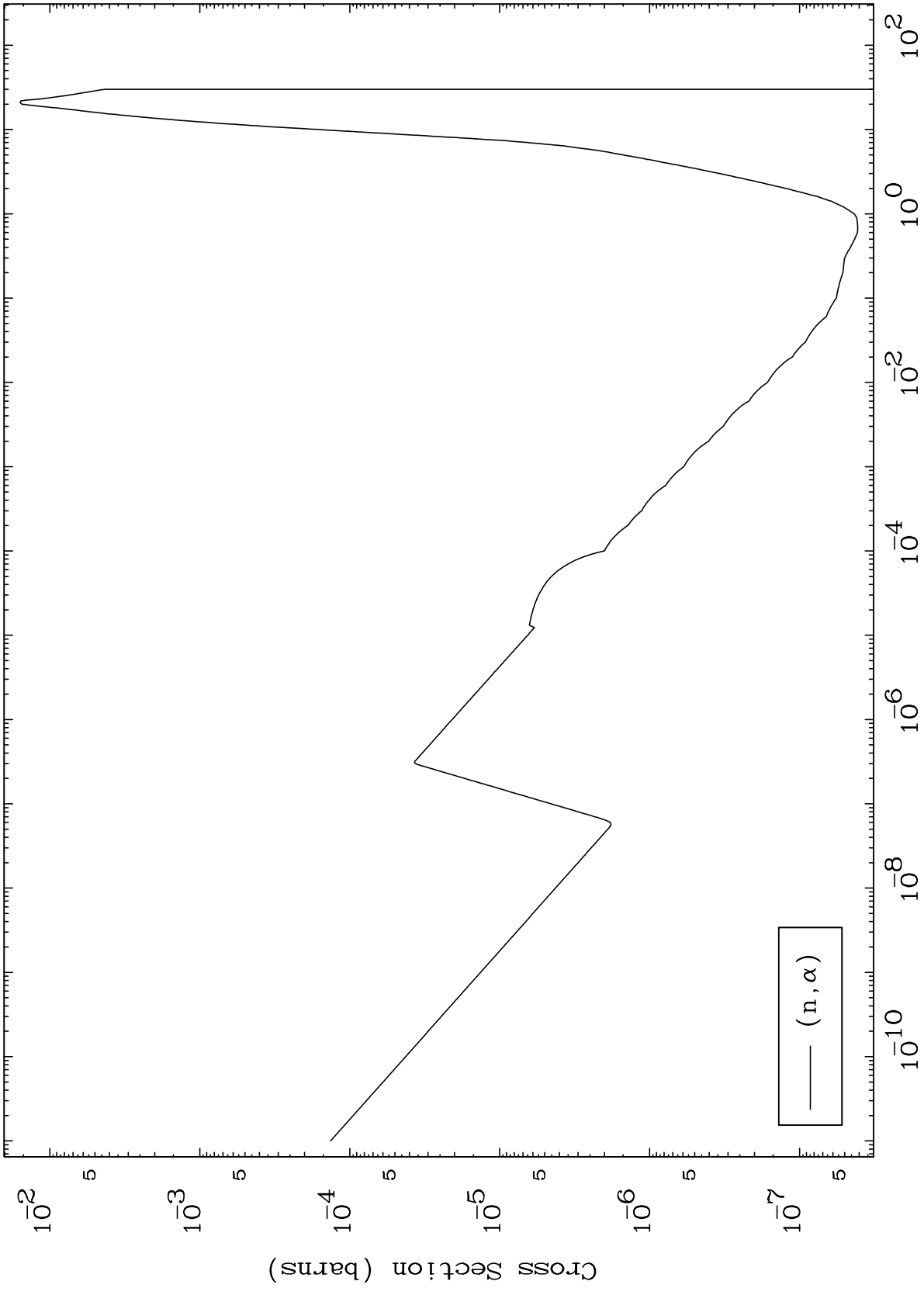
Incident Energy (MeV)

77-Ir-190

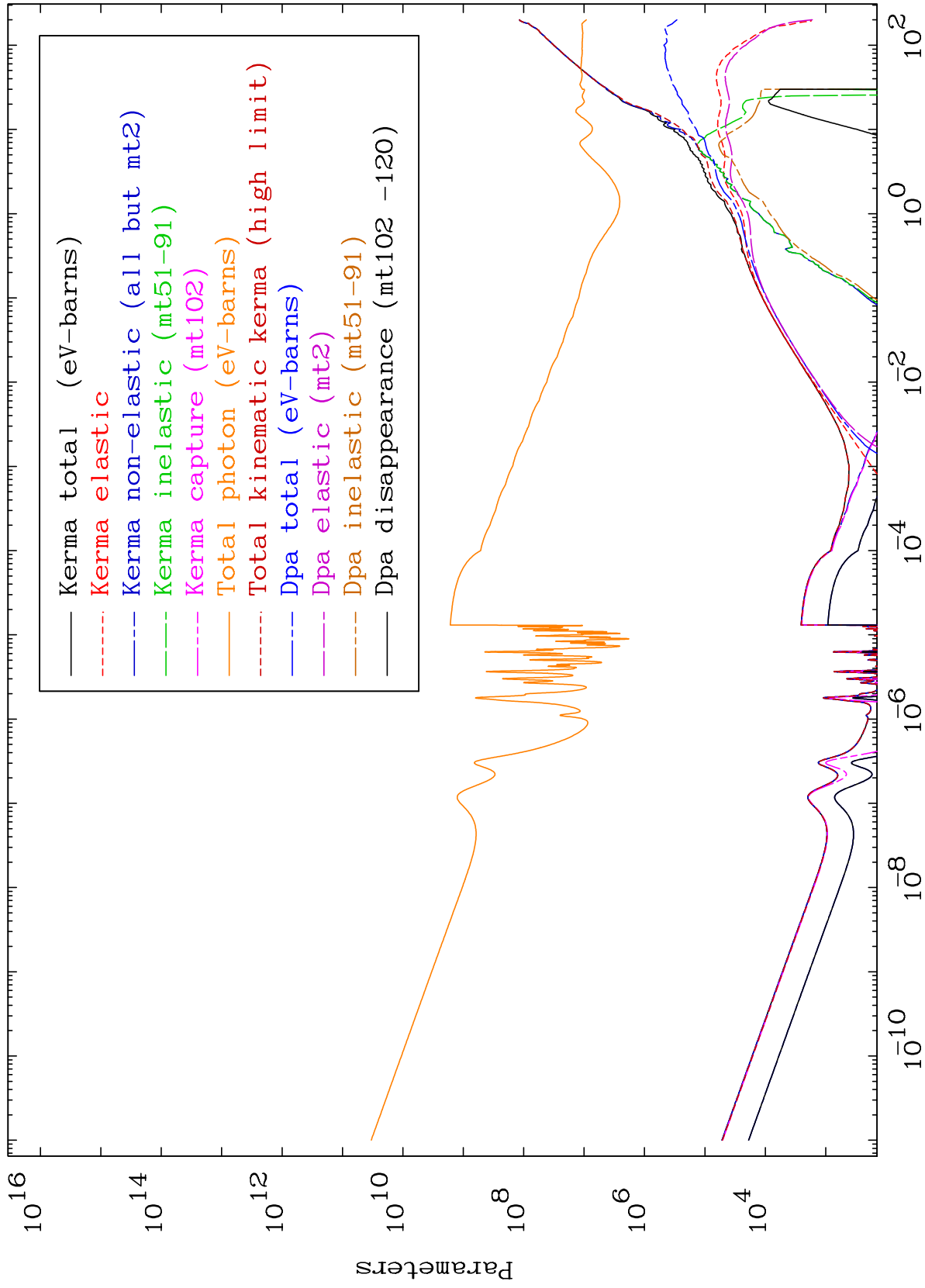
MAT 7722

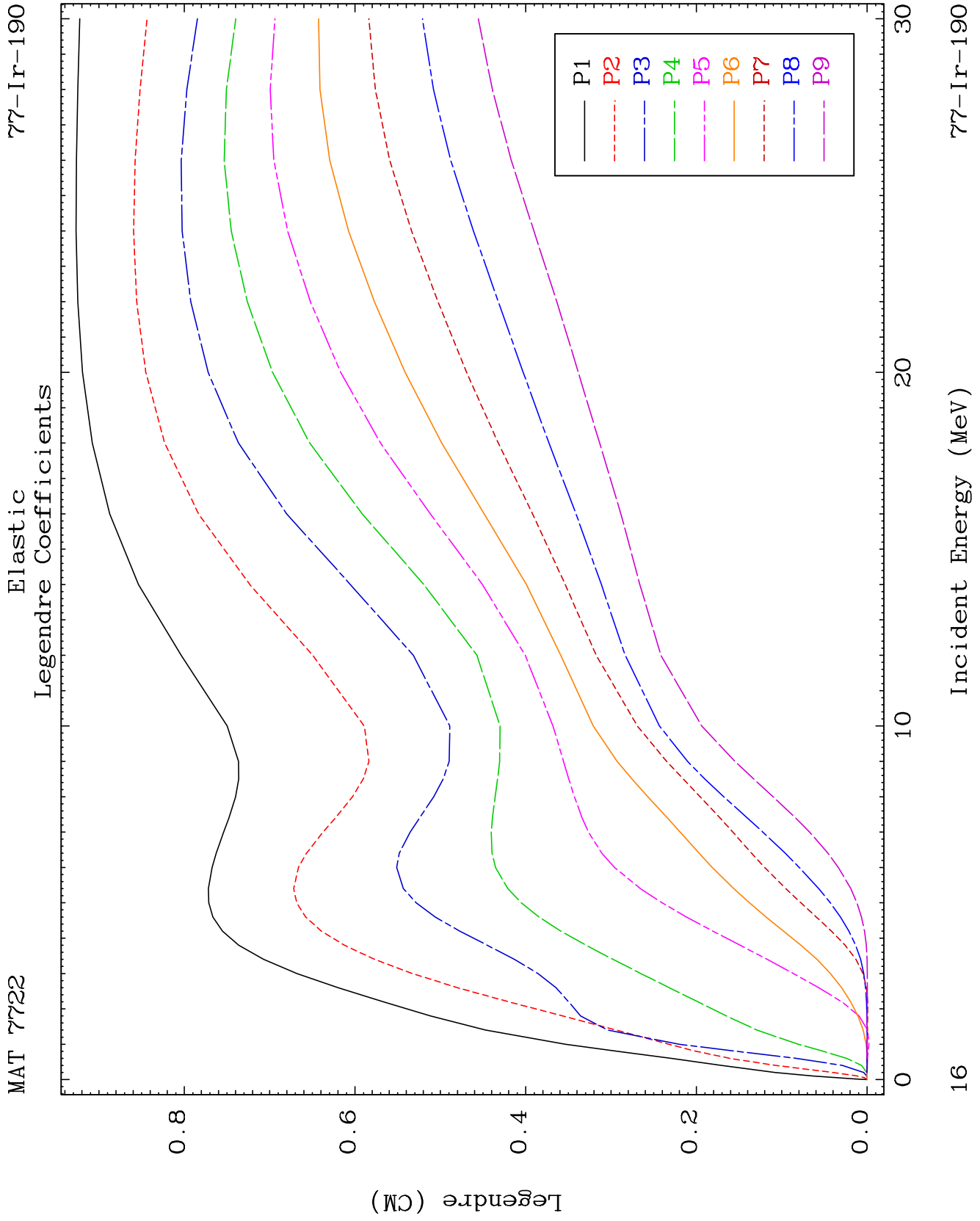
(n,α) Levels
293 Kelvin Cross Sections

77-Ir-190



77-Ir-190

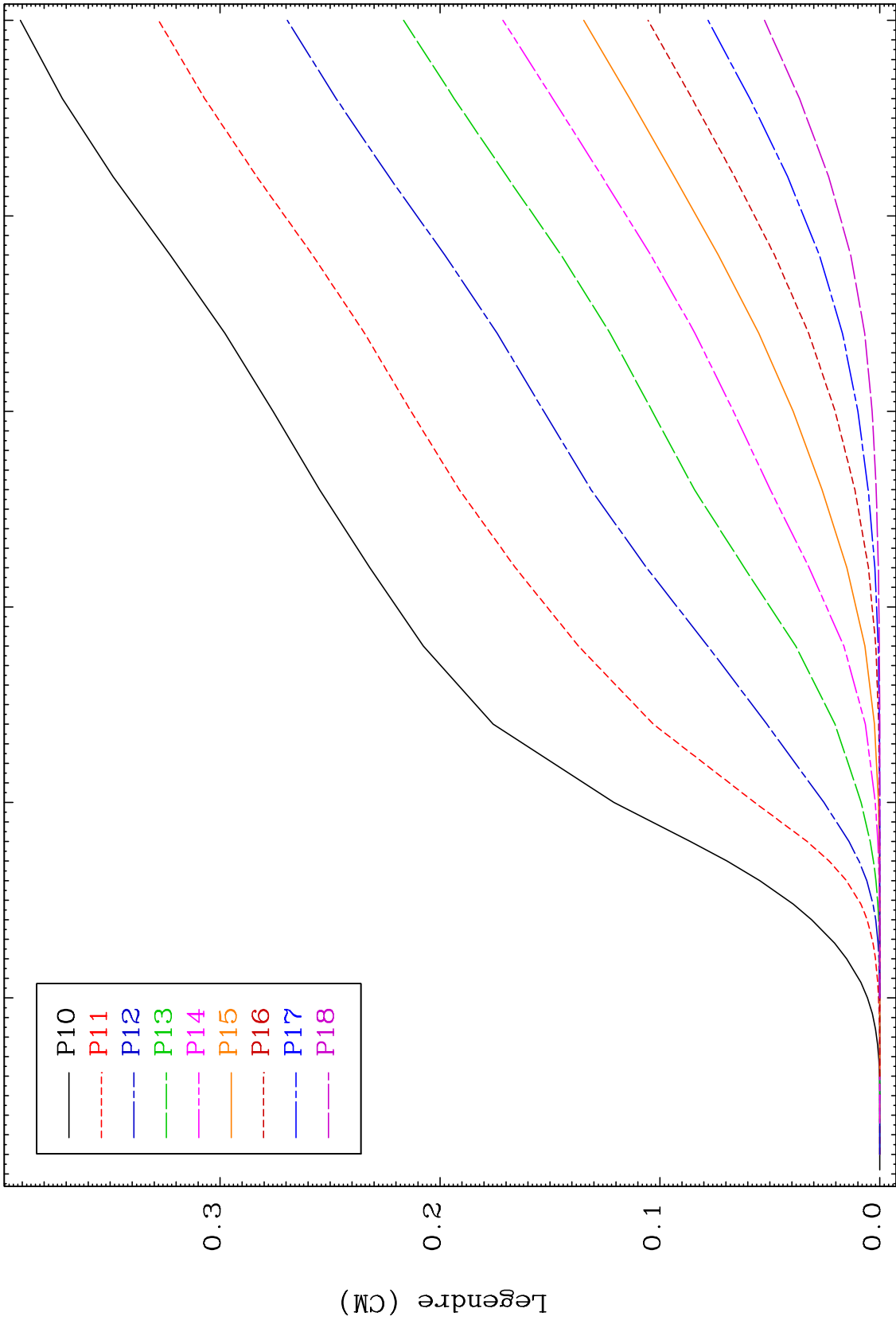




MAT 7722

Elastic Legendre Coefficients

77-Ir-190



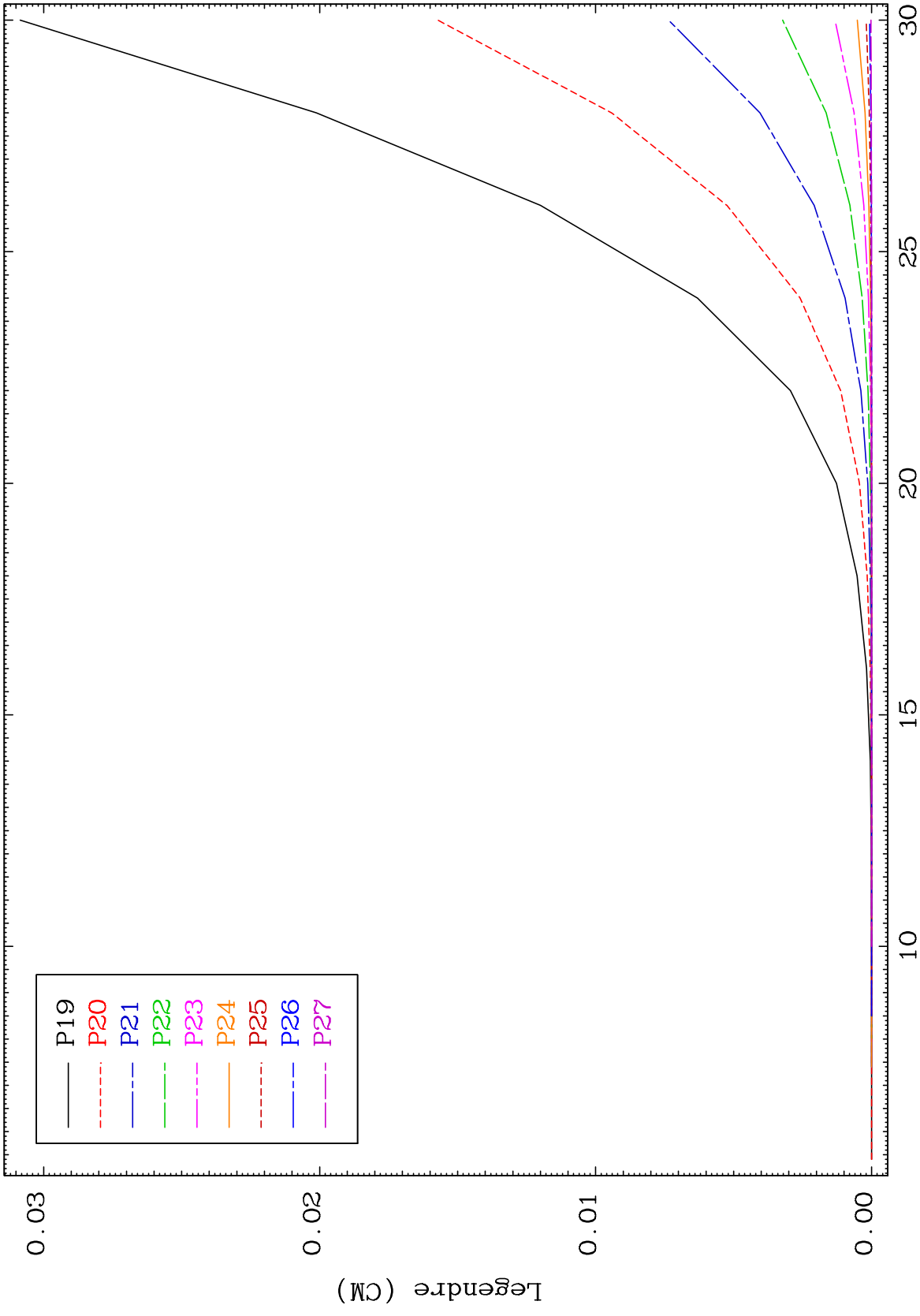
17

77-Ir-190

MAT 7722

Elastic Legendre Coefficients

77-Ir-190



18

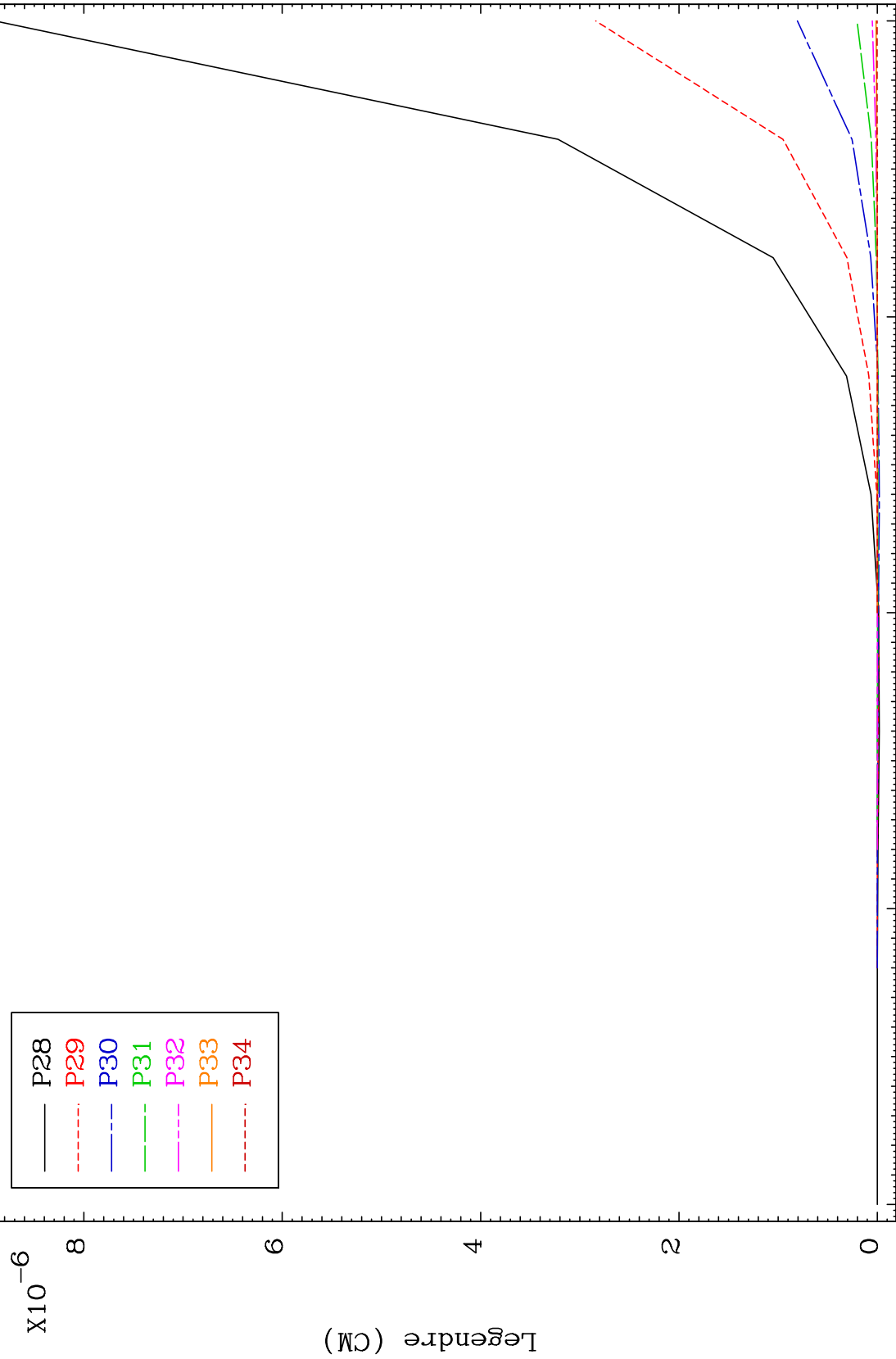
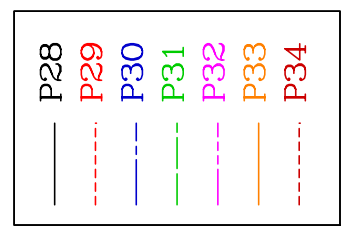
Incident Energy (MeV)

77-Ir-190

MAT 7722

Elastic Legendre Coefficients

77-Ir-190



19

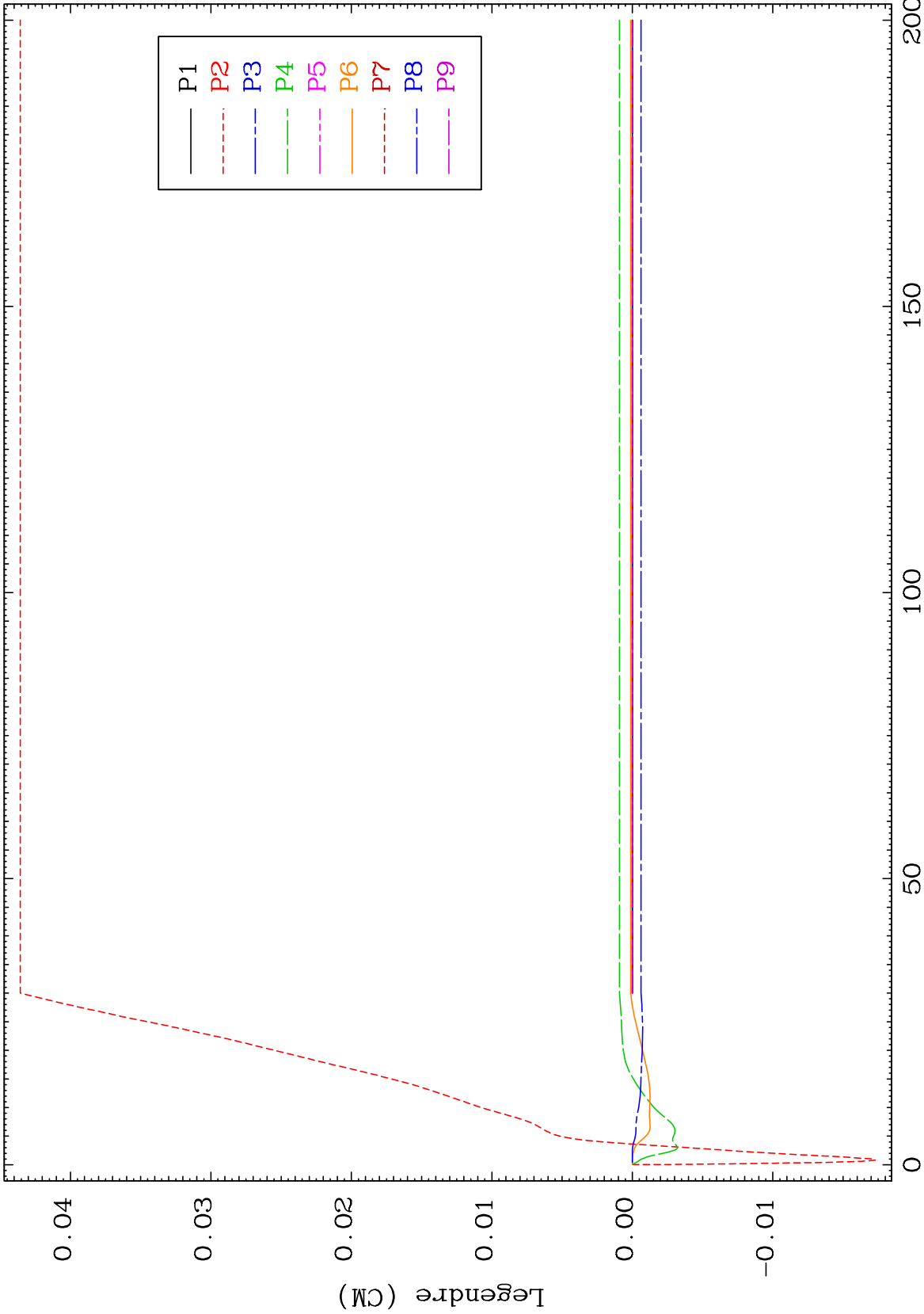
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



77-Ir-190

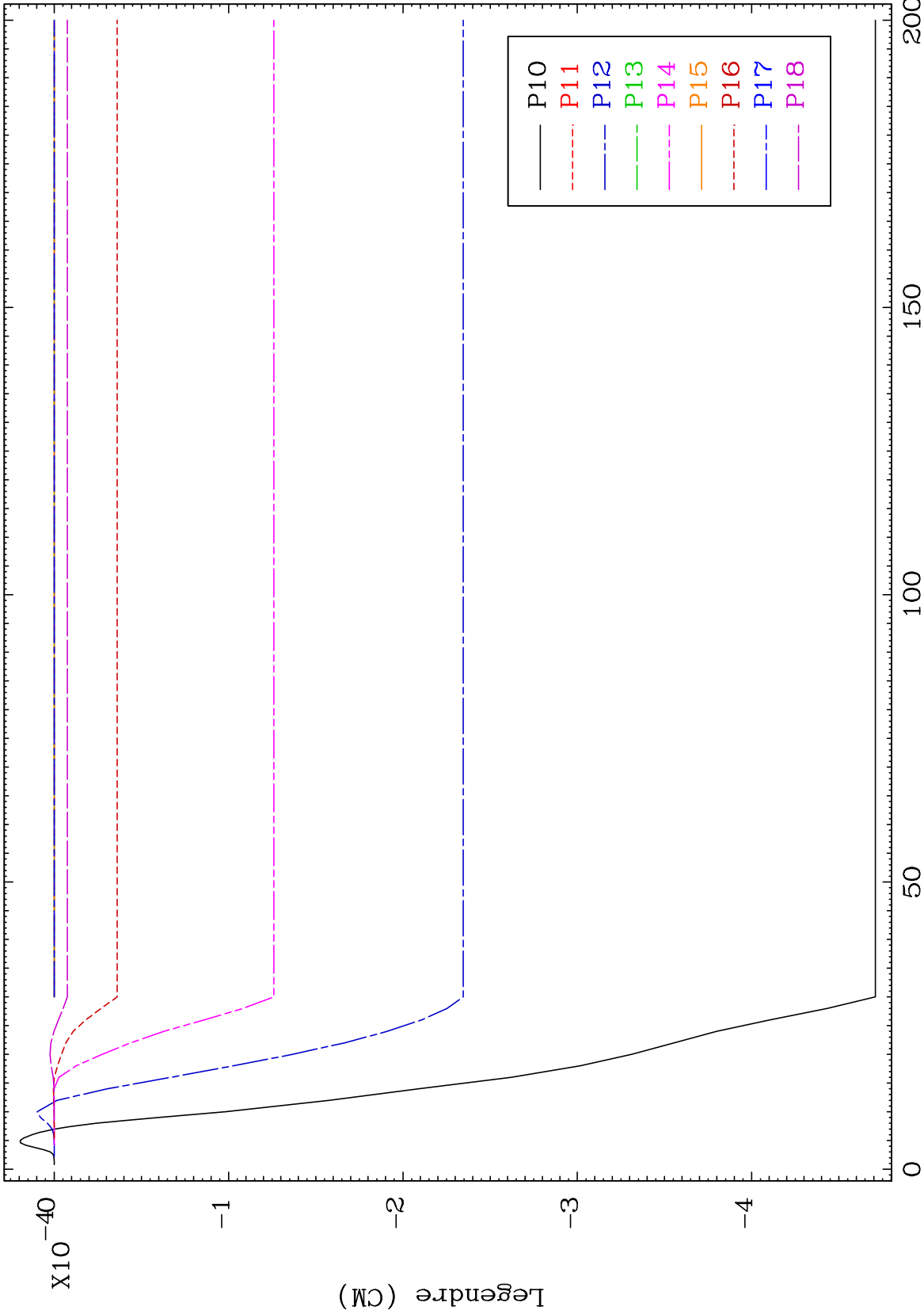
Incident Energy (MeV)

20

MAT 7722

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

77-Ir-190



21

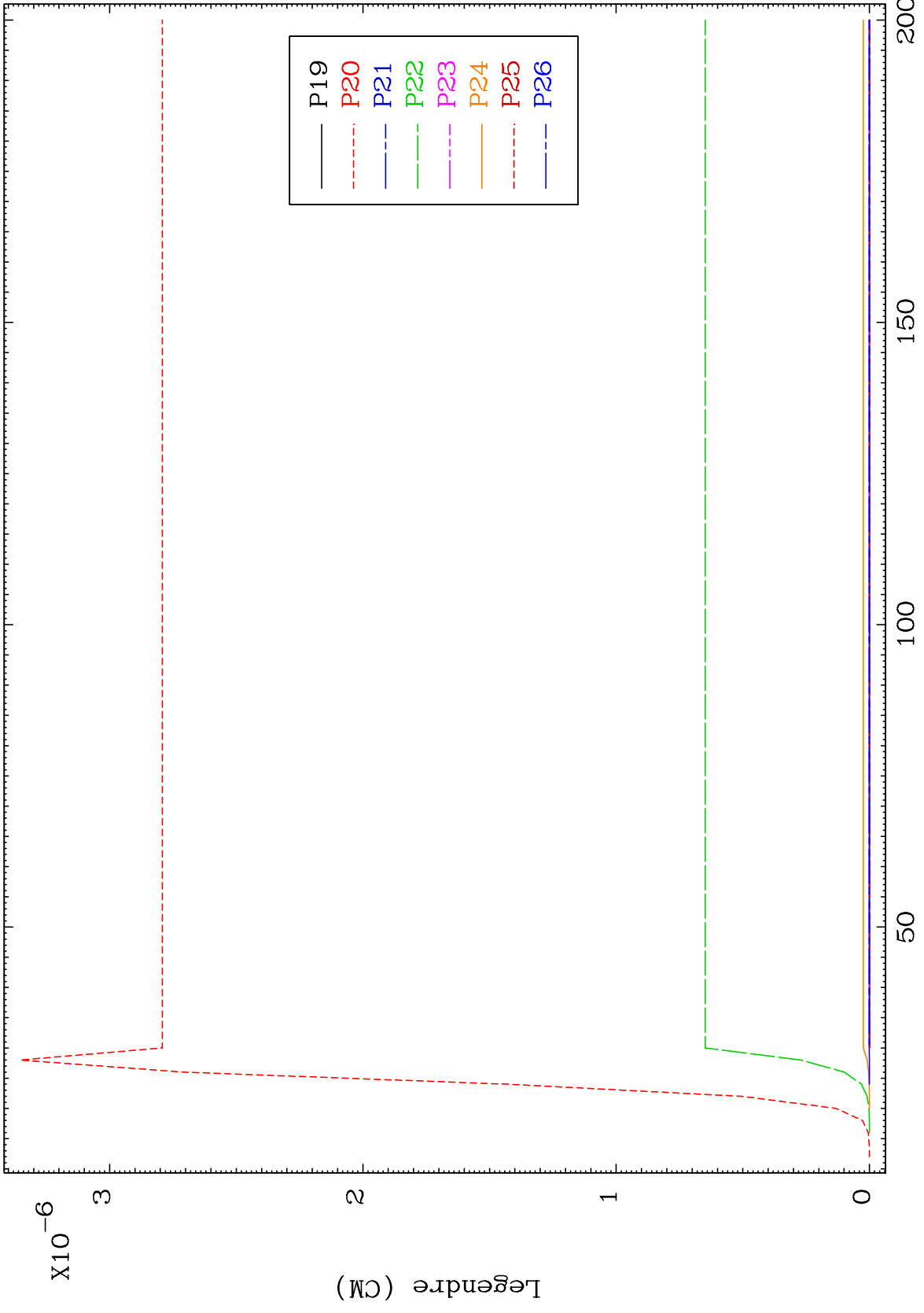
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



22

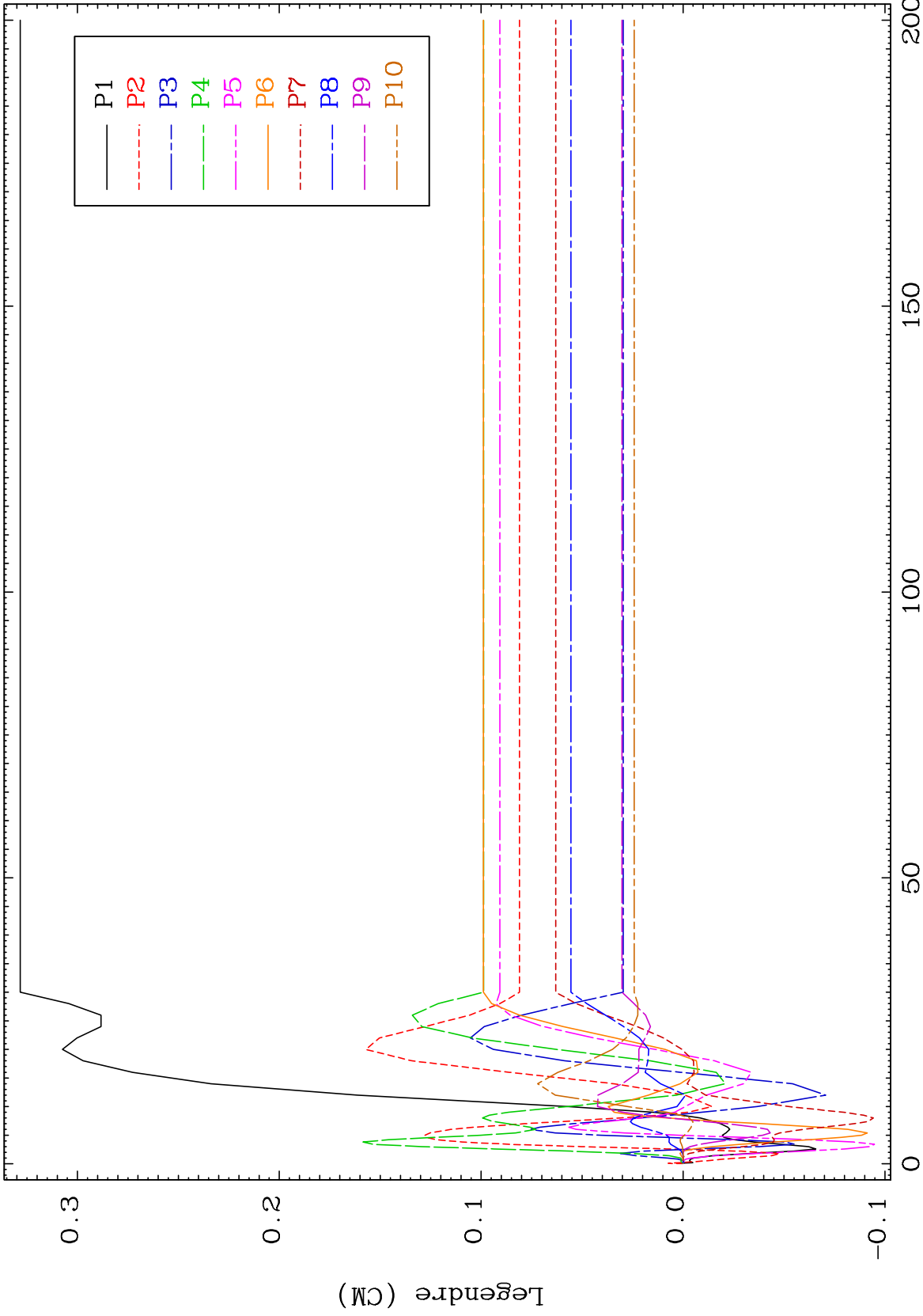
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



23

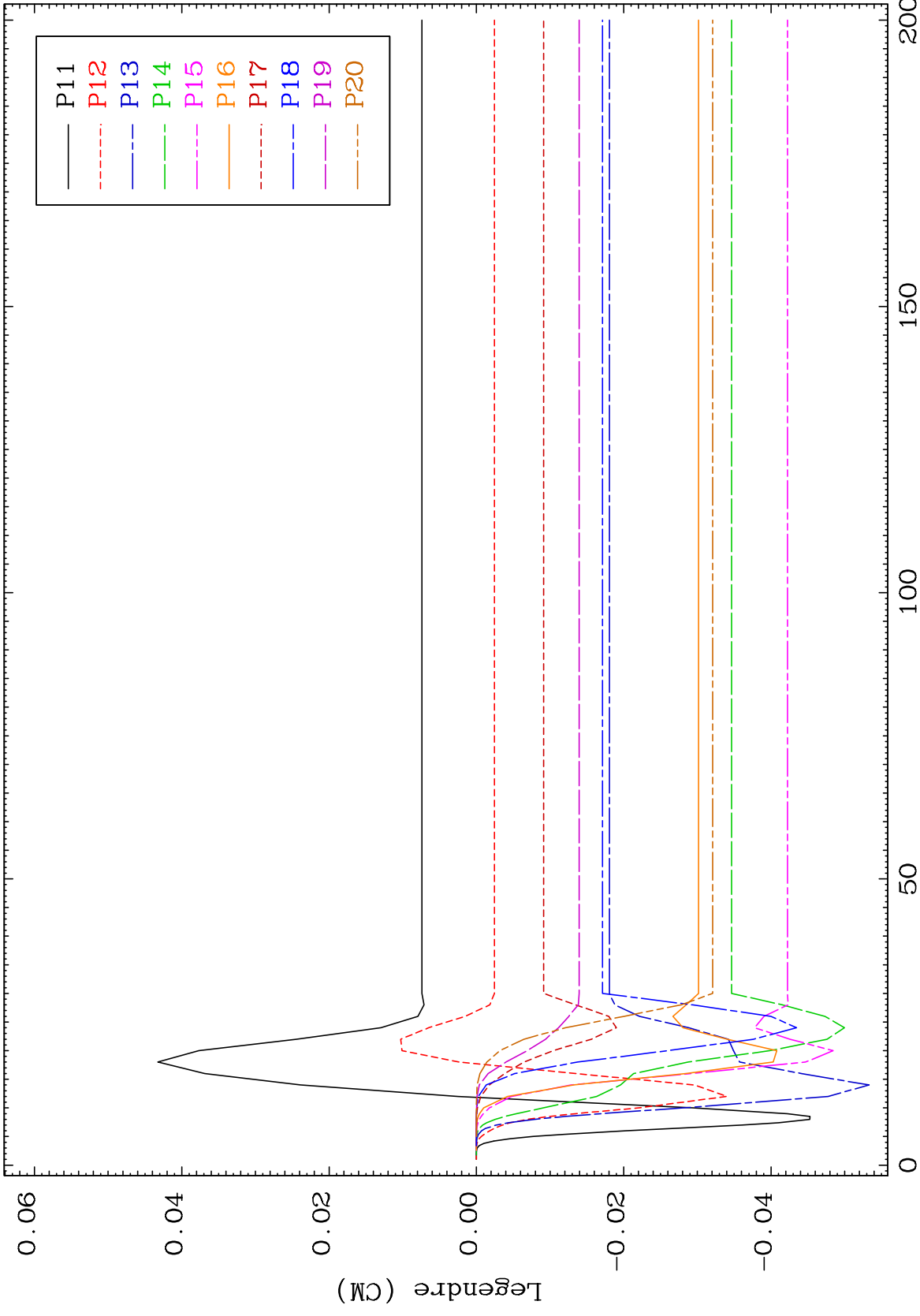
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



24

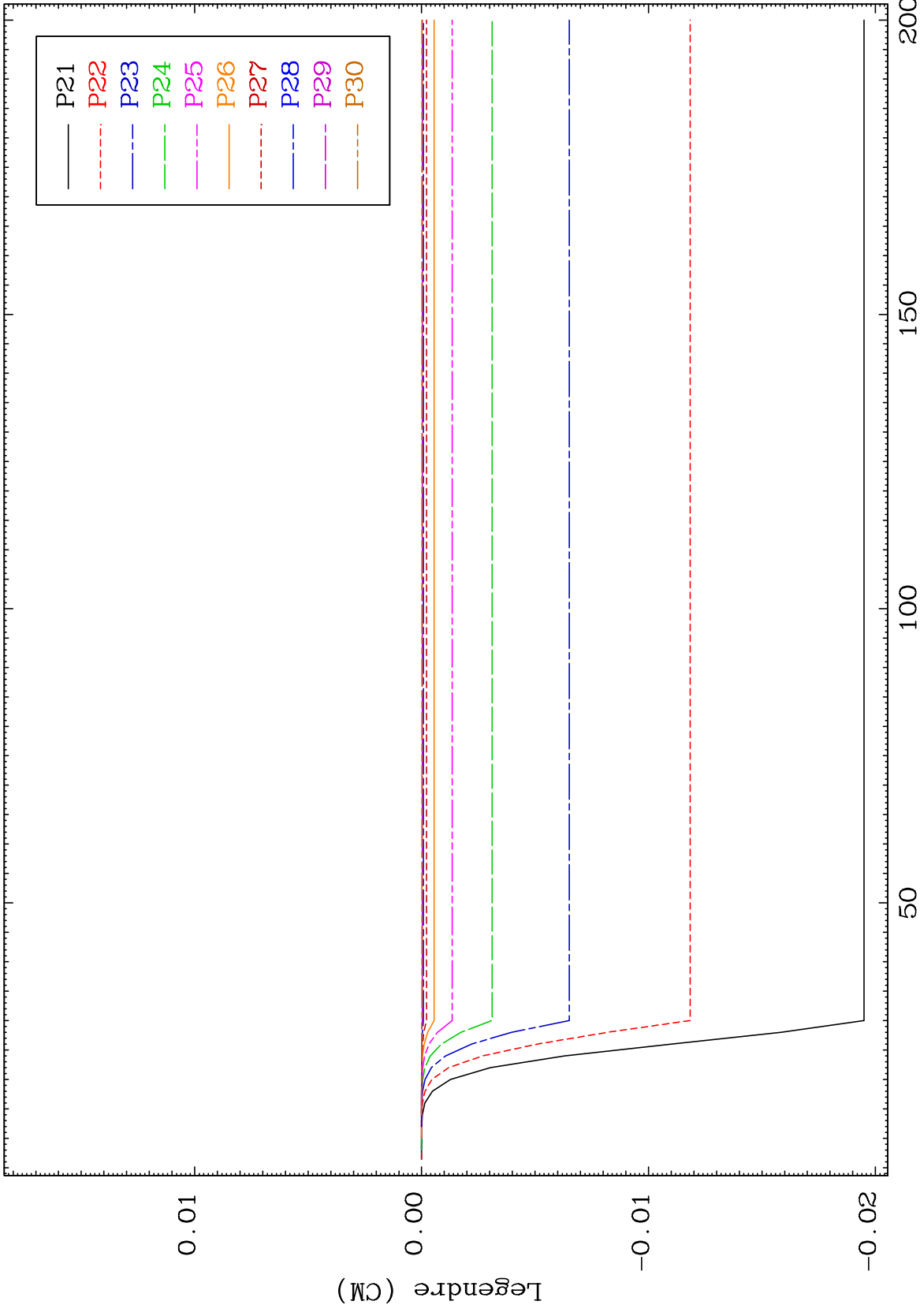
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



25

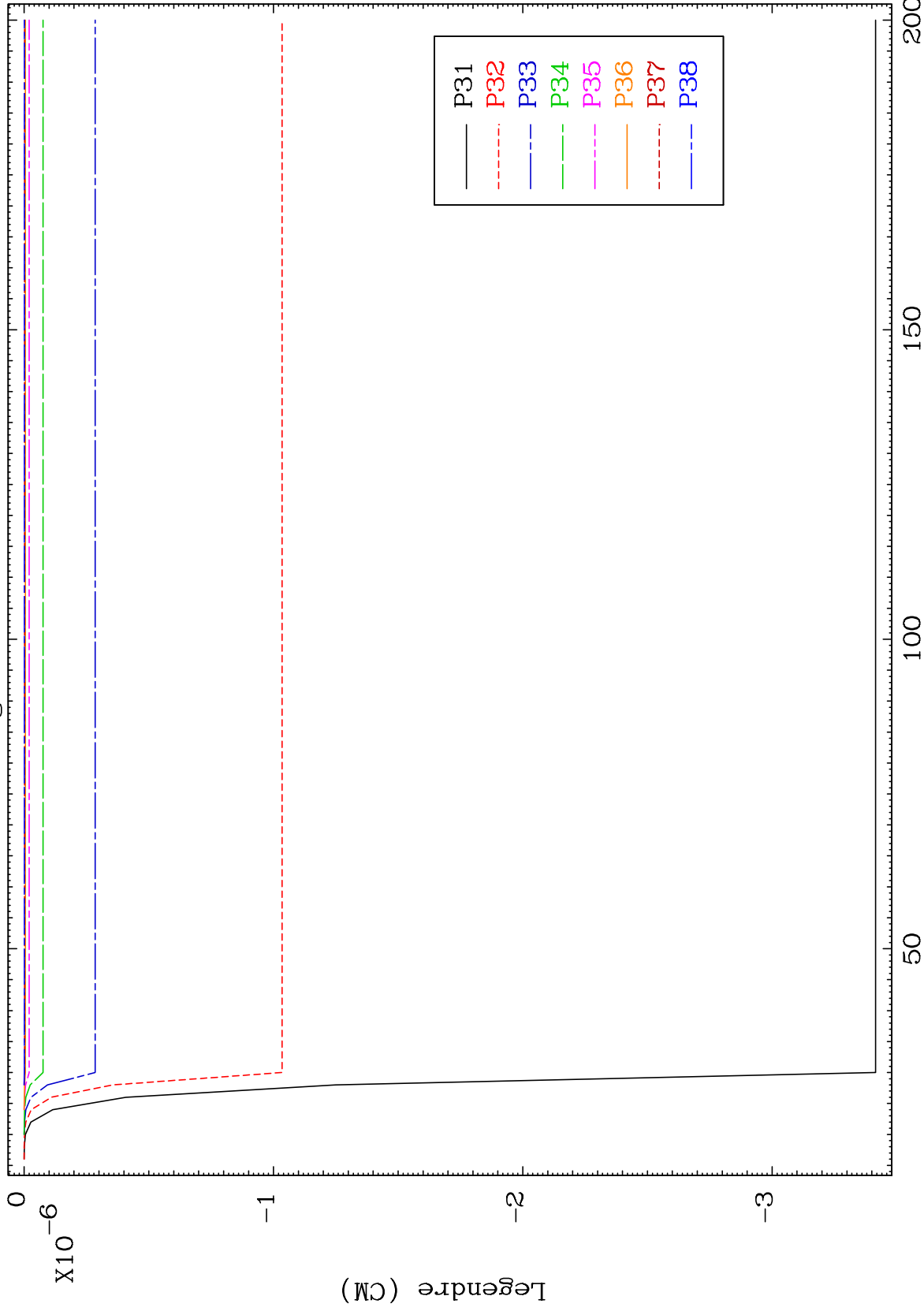
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



77-Ir-190

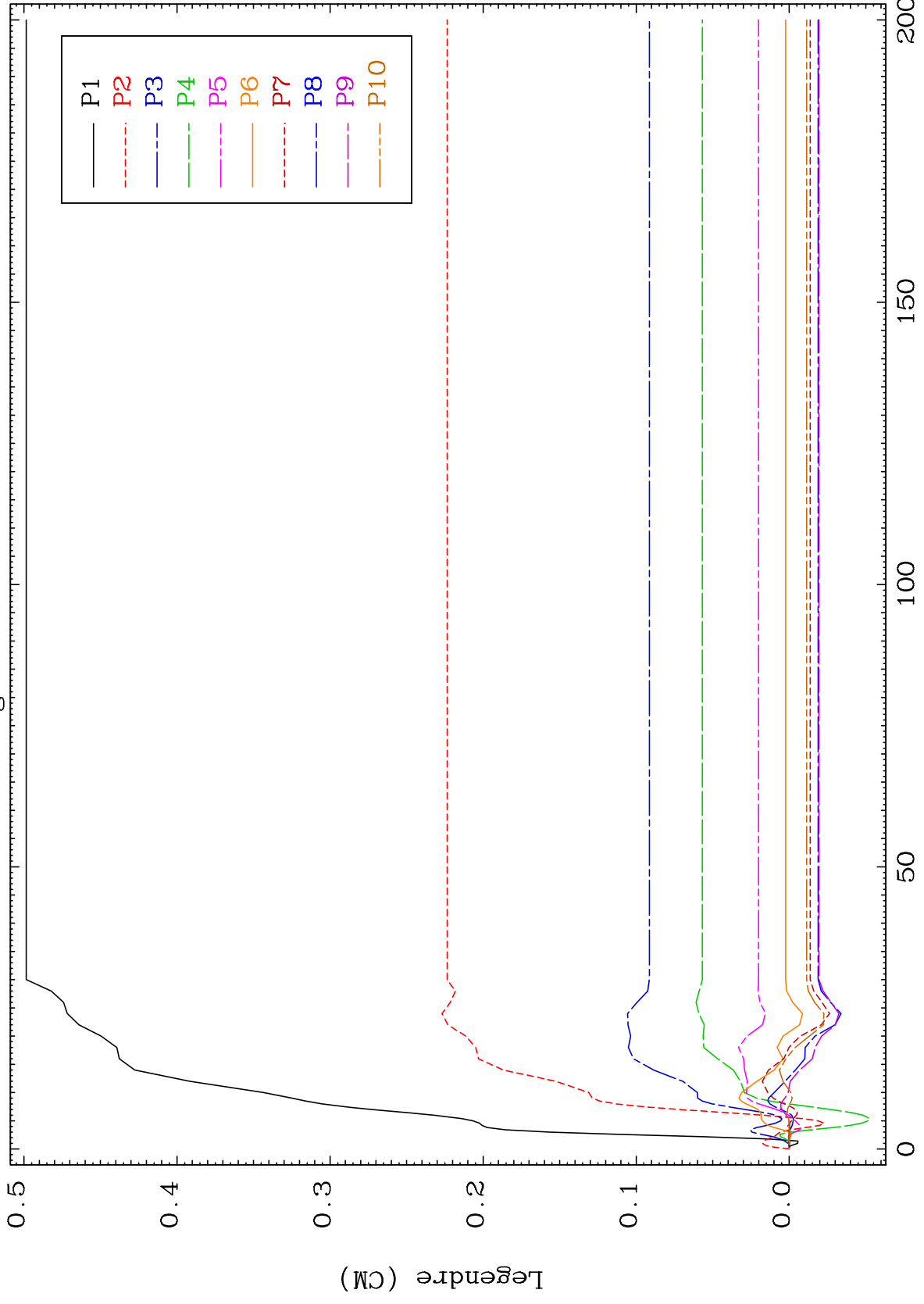
Incident Energy (MeV)

26

MAT 7722

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

77-Ir-190



27

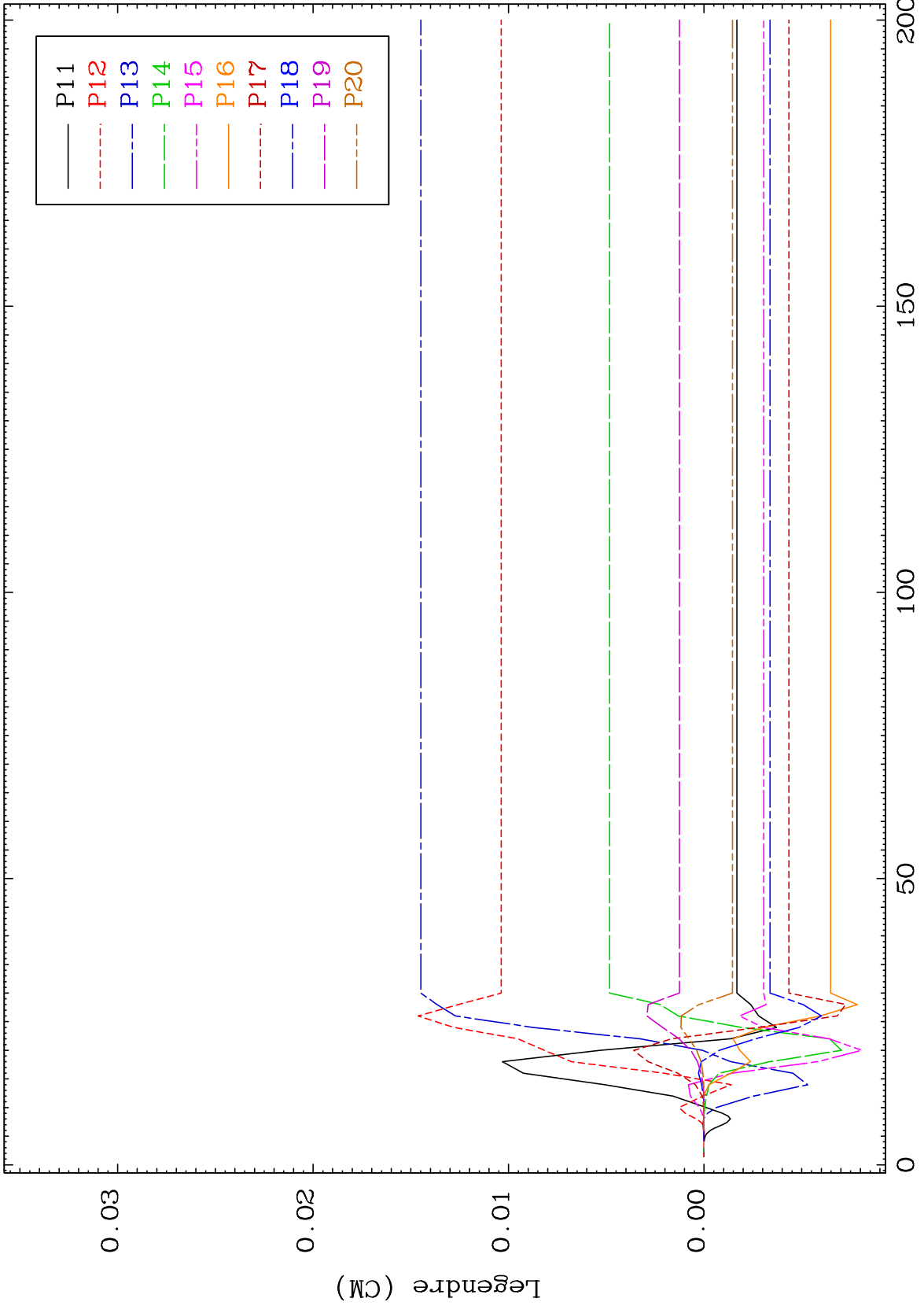
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



28

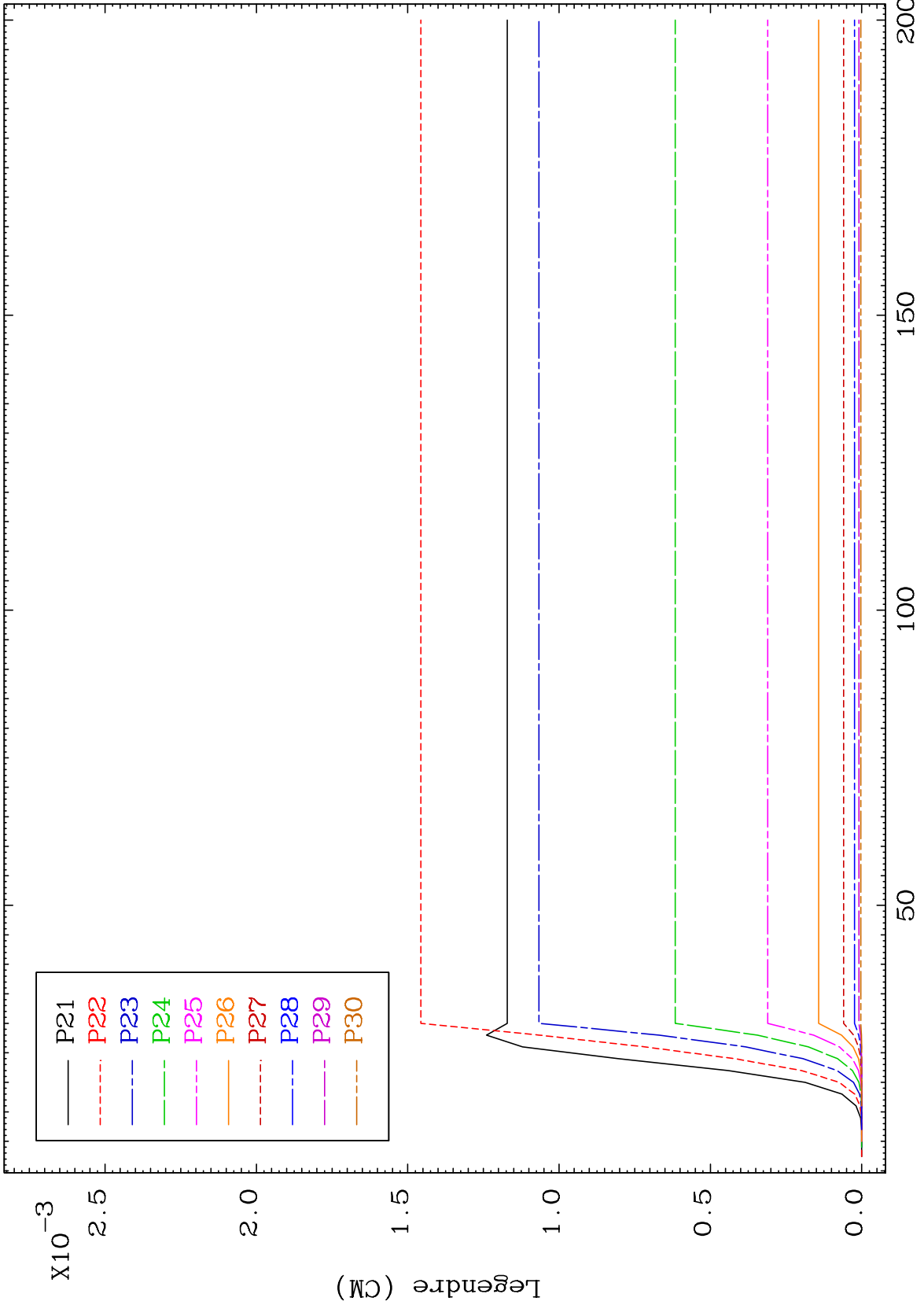
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



29

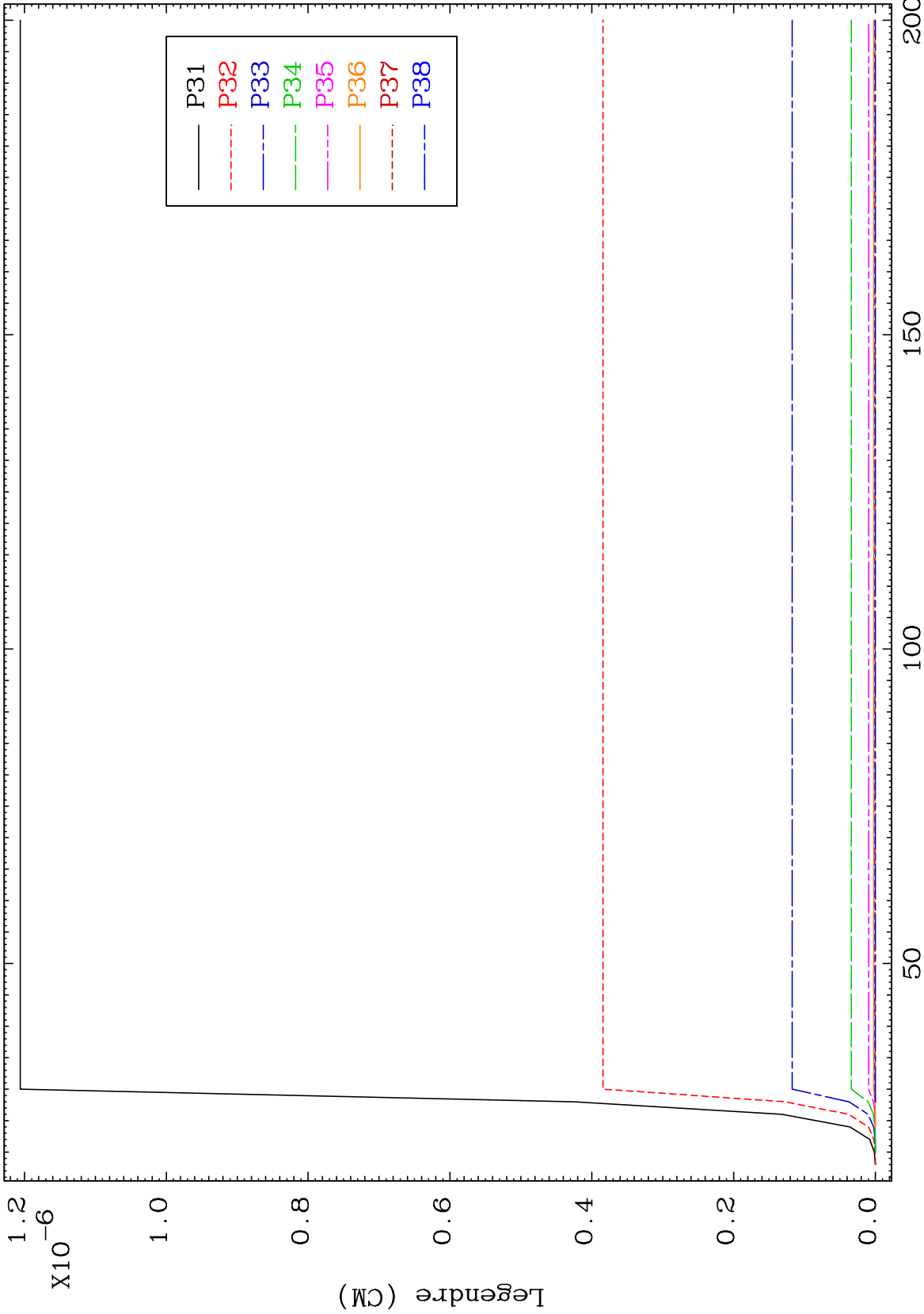
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

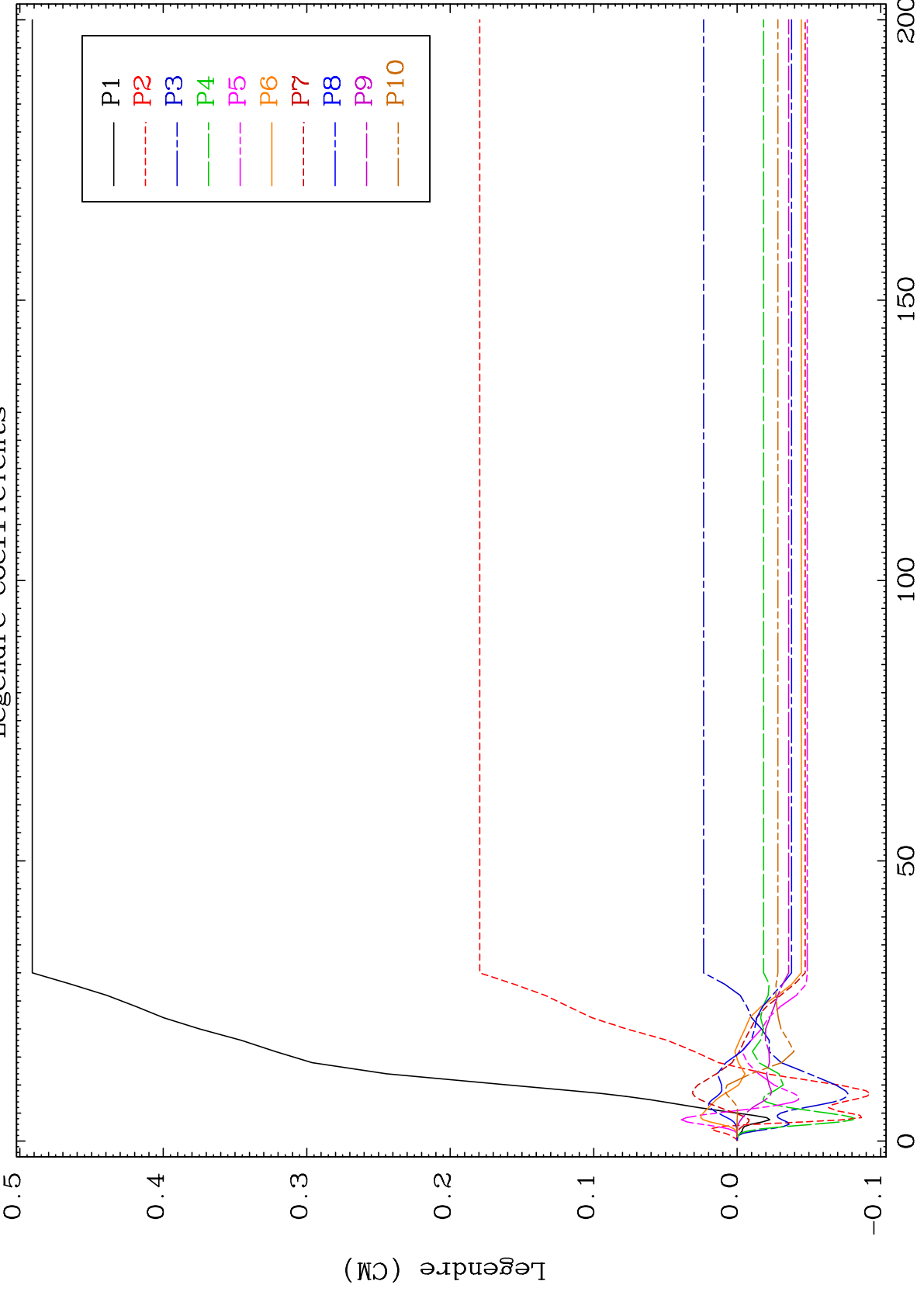


30

Incident Energy (MeV)

77-Ir-190

MAT 7722 MT= 54 (n,n') Level Legendre Coefficients 77-Ir-190

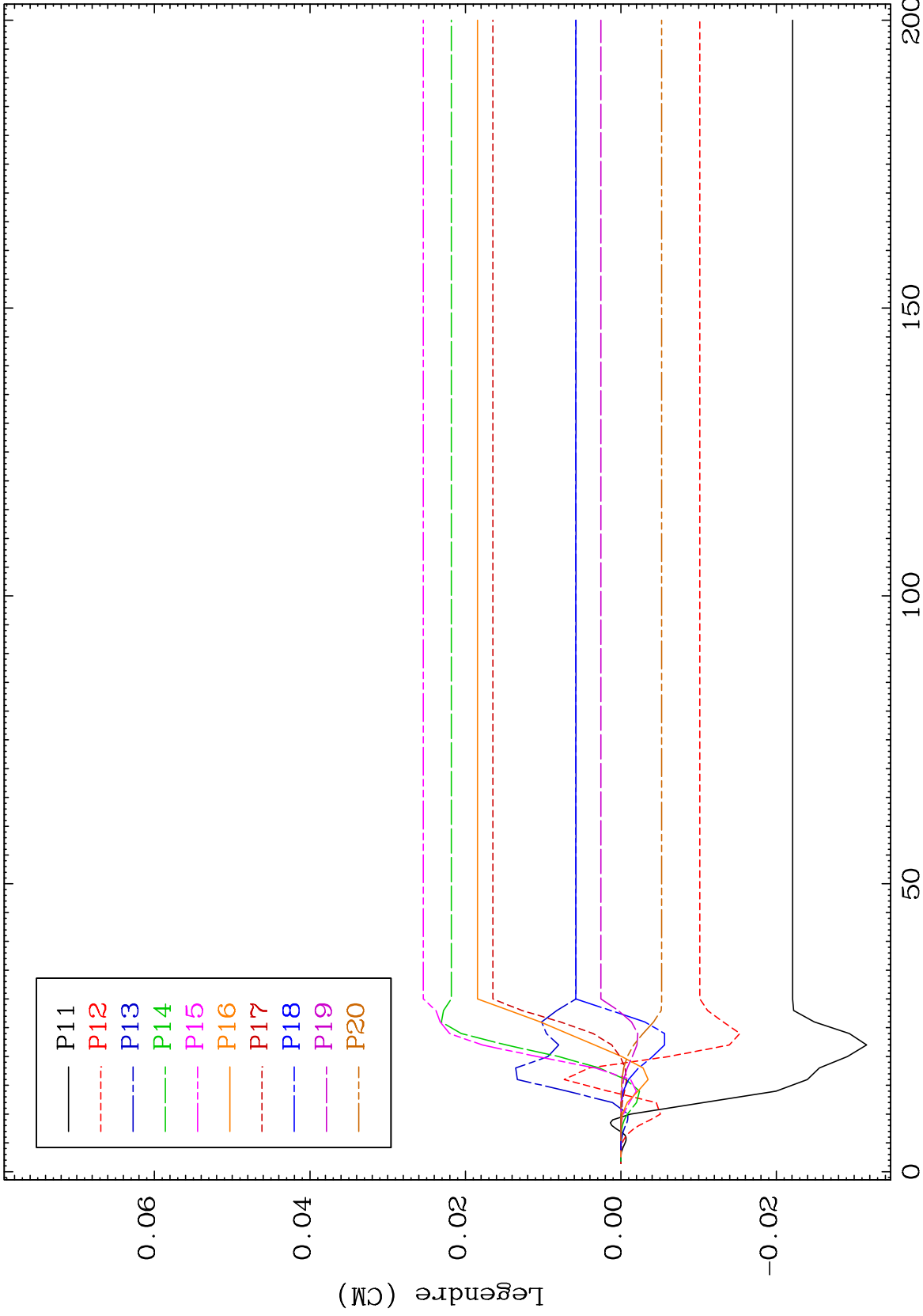


31 77-Ir-190

MAT 7722

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

77-Ir-190



32

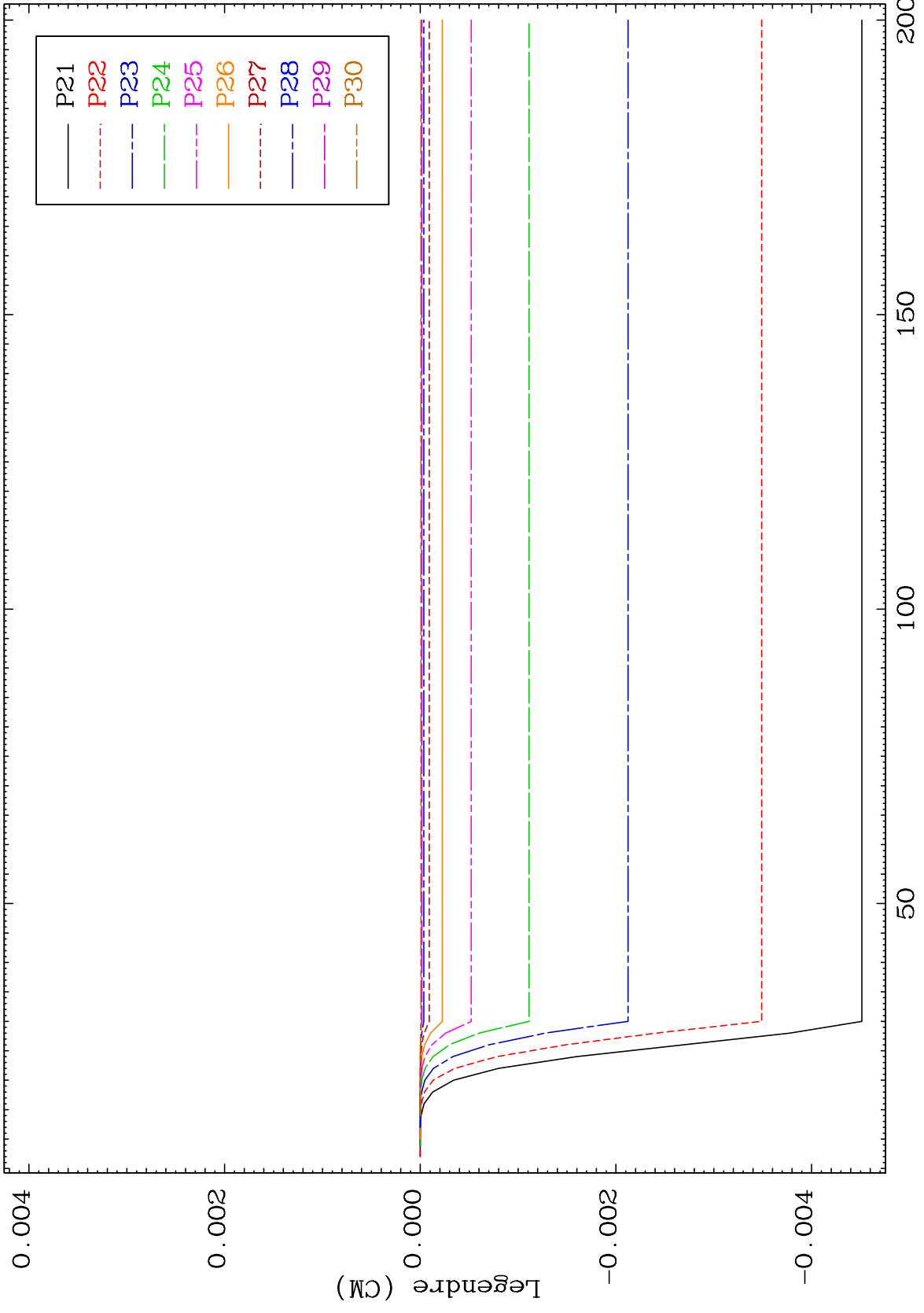
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



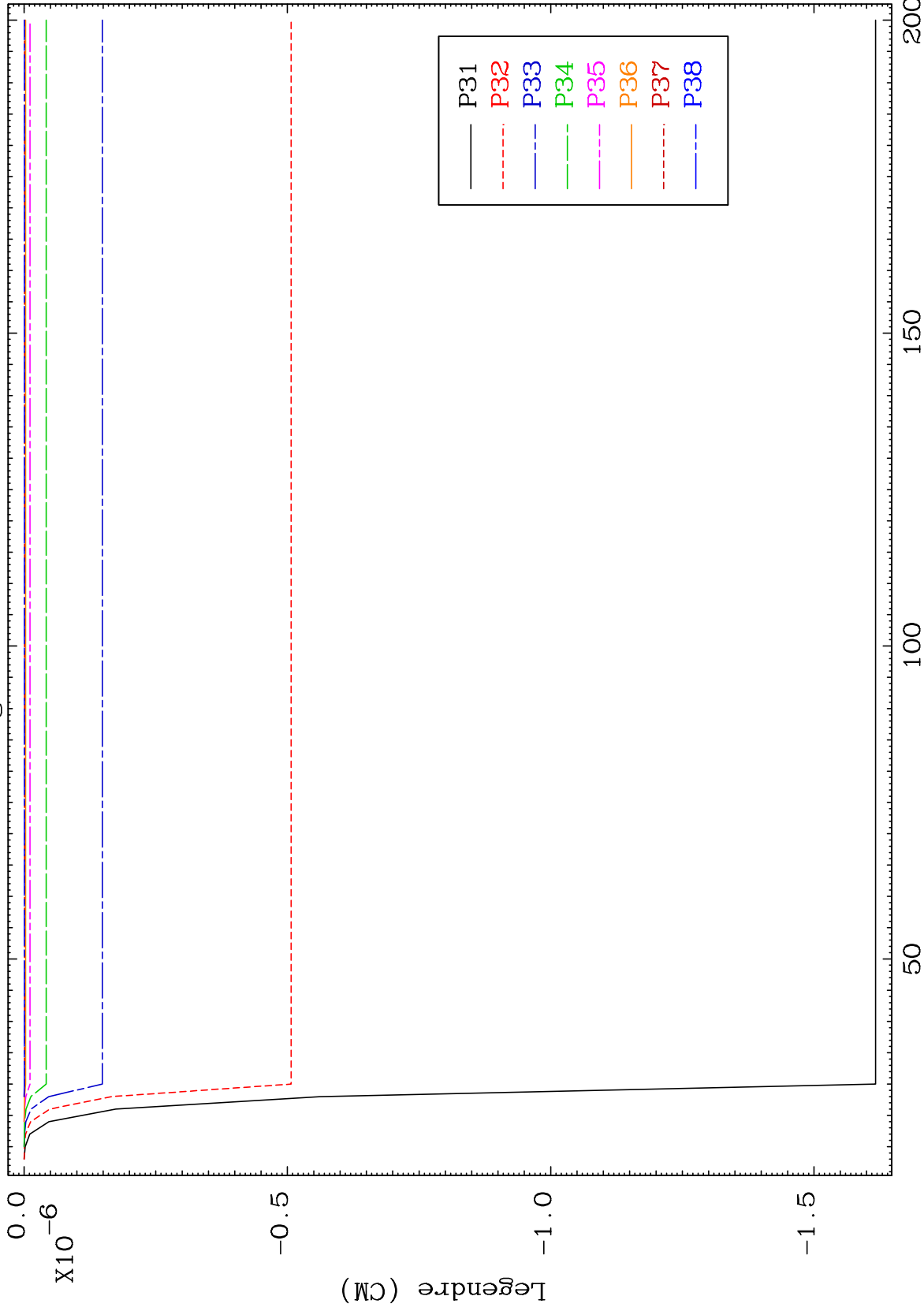
33

77-Ir-190

MAT 7722

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

77-Ir-190



77-Ir-190

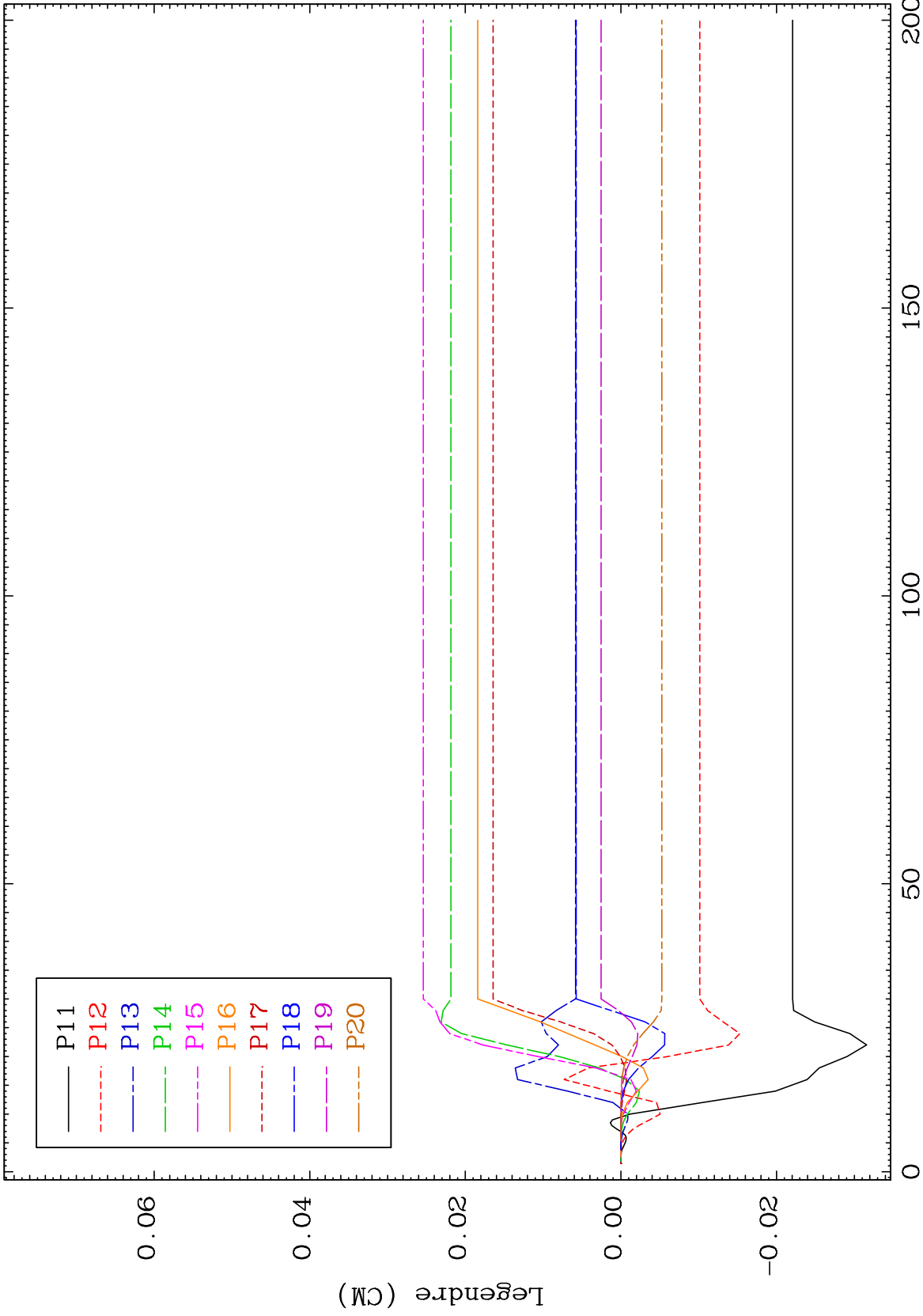
Incident Energy (MeV)

34

MAT 7722

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

77-Ir-190

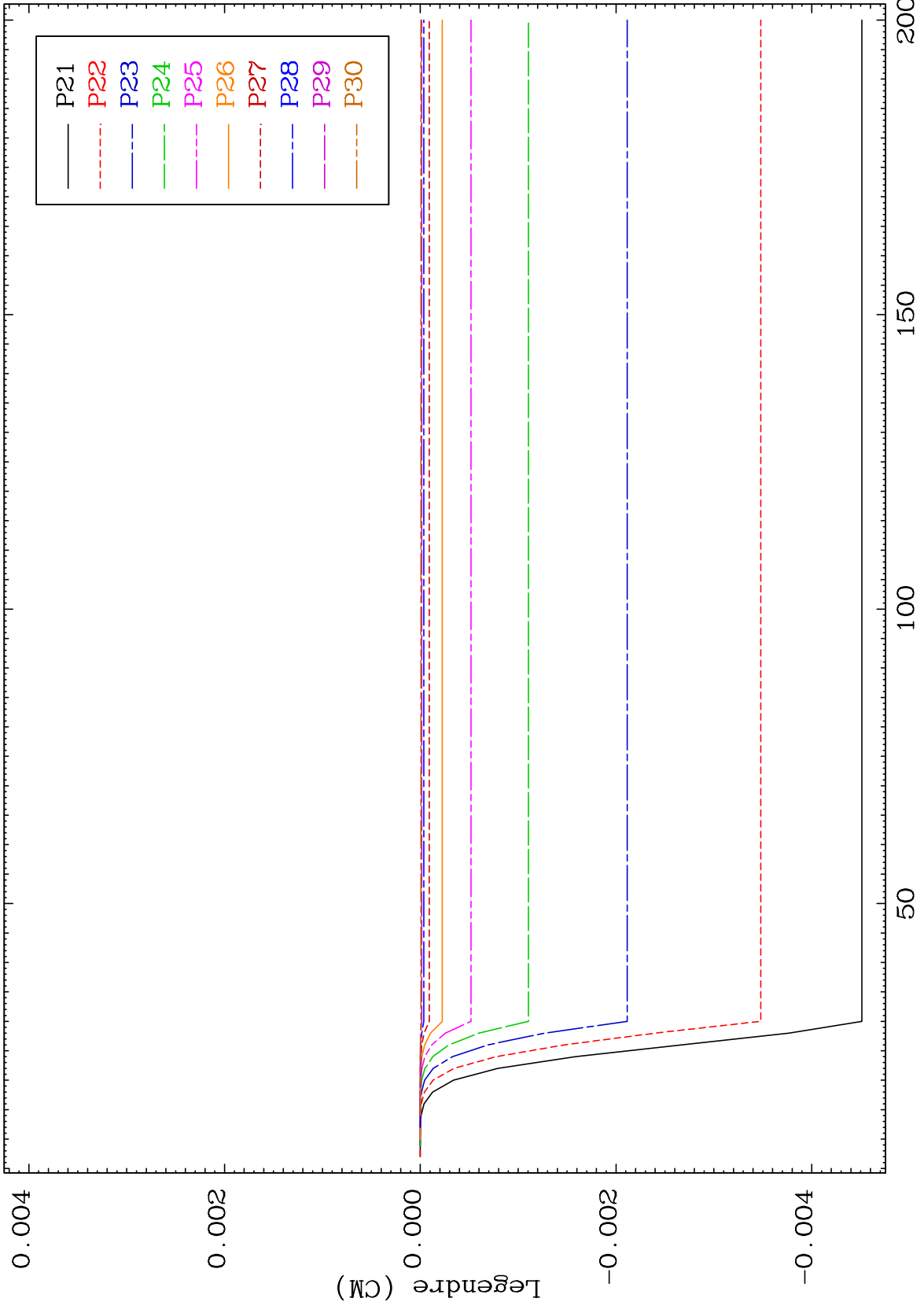


36

Incident Energy (MeV)

77-Ir-190

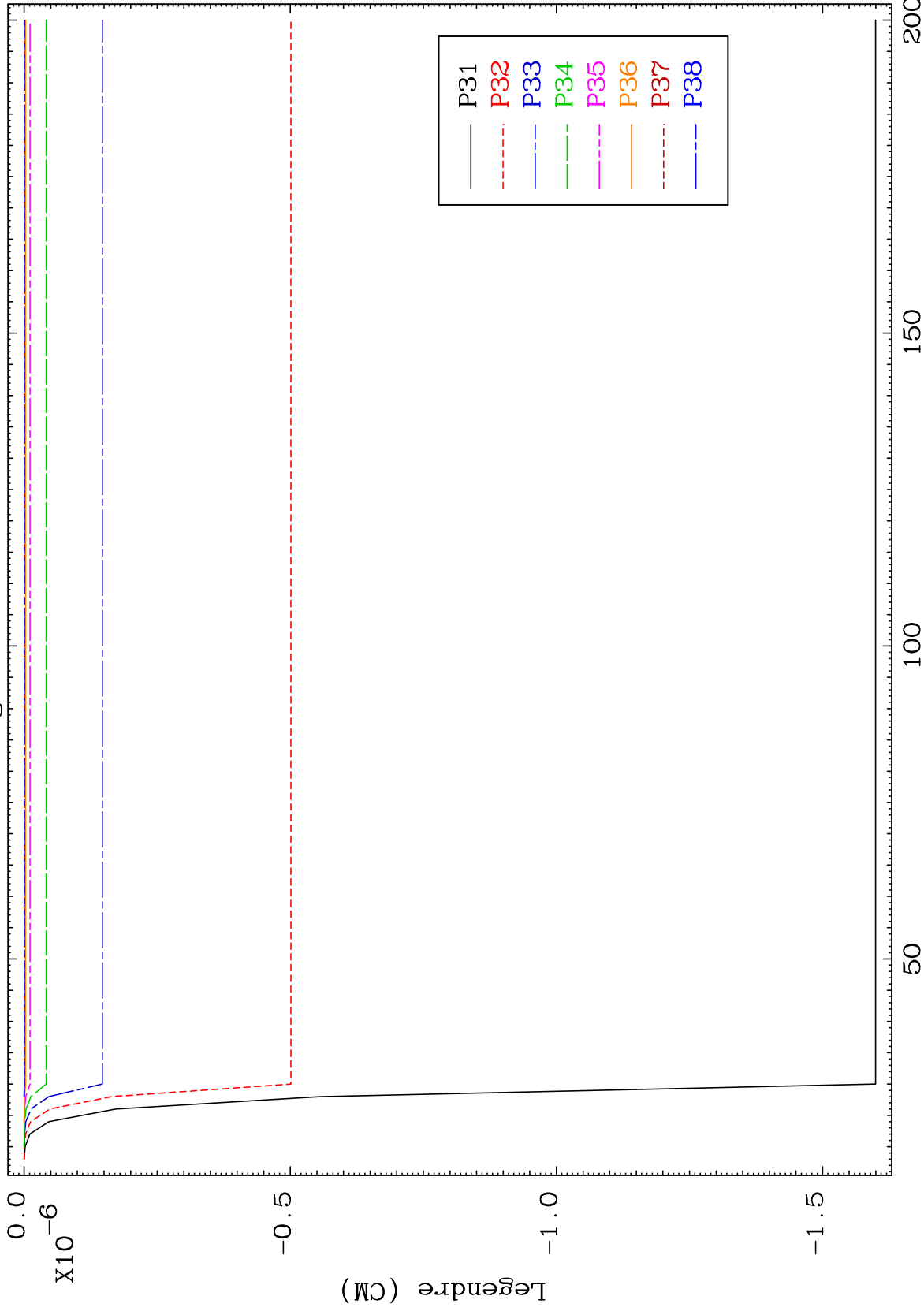
MAT 7722 MT= 55 (n,n') Level Legendre Coefficients 77-Ir-190



MAT 7722

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

77-Ir-190



77-Ir-190

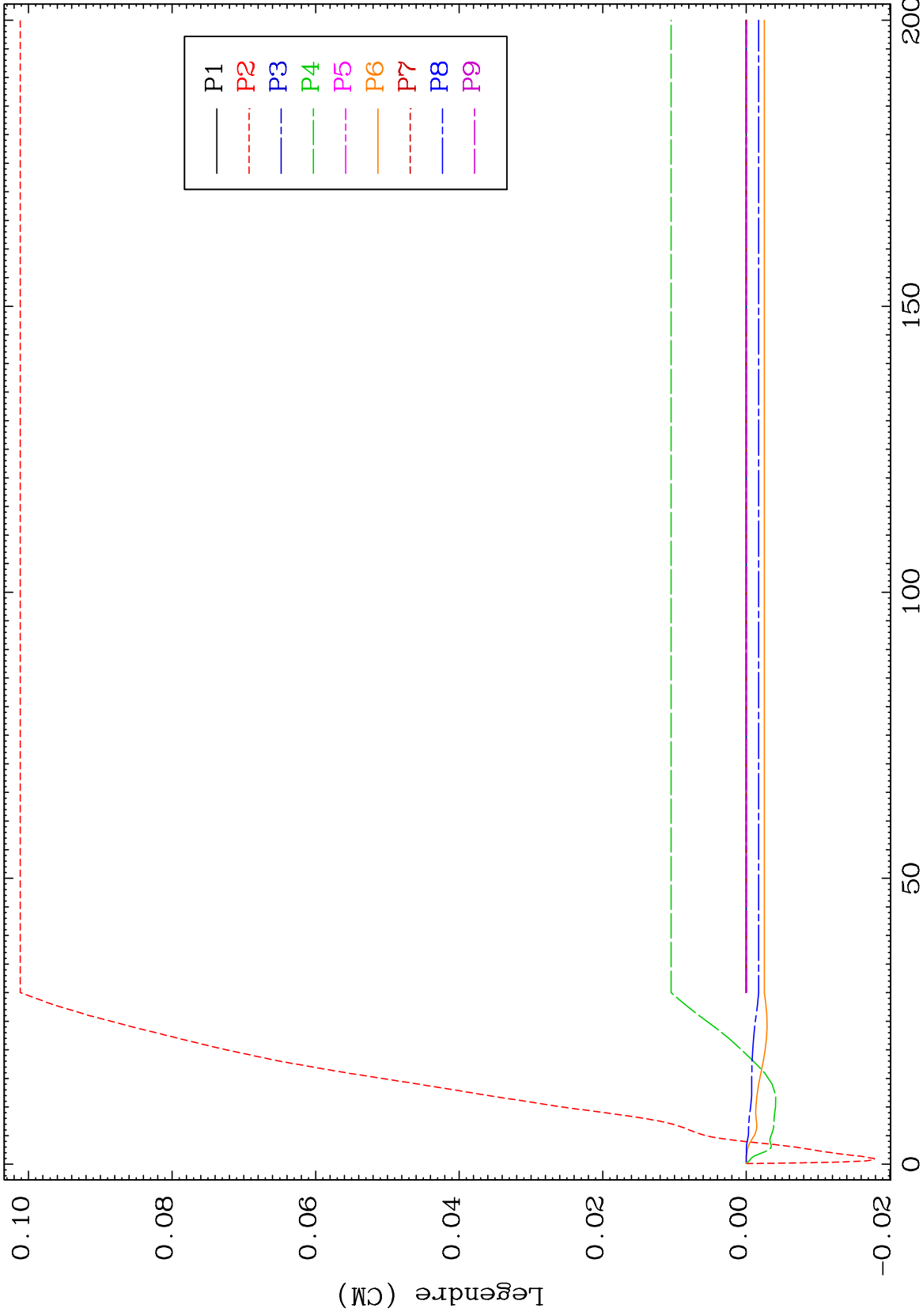
Incident Energy (MeV)

38

MAT 7722

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

77-Ir-190



39

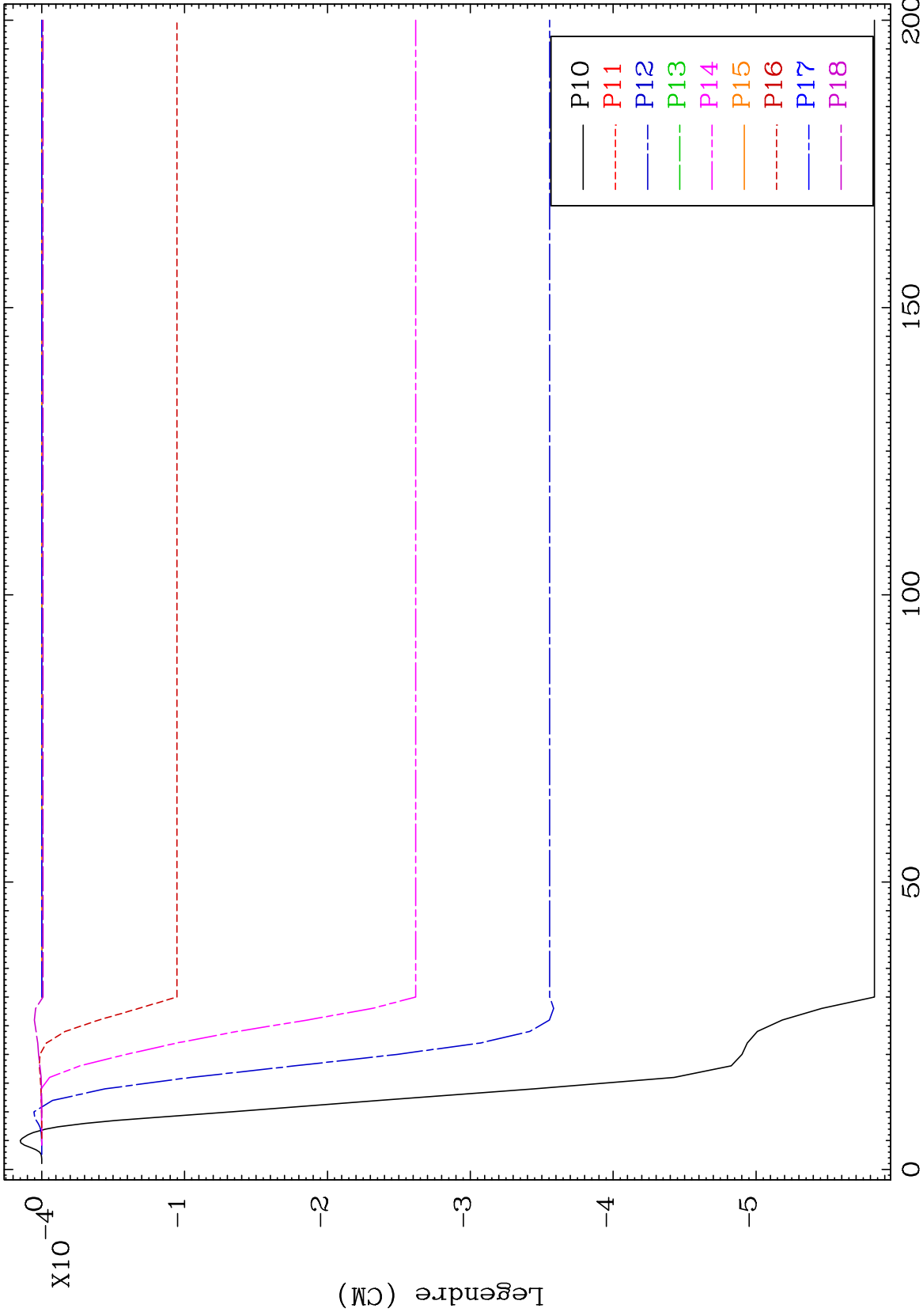
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

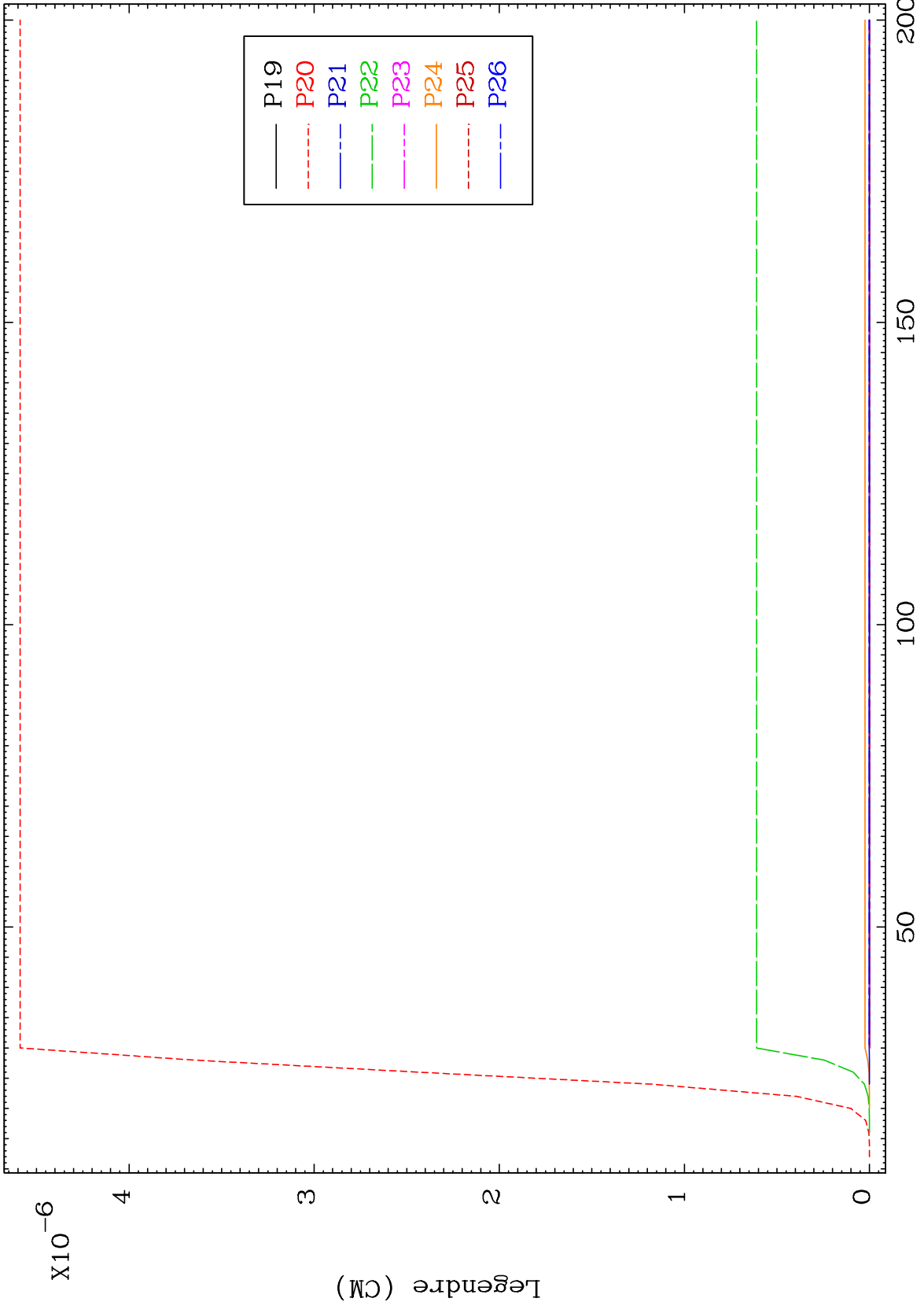


40

Incident Energy (MeV)

77-Ir-190

MAT 7722 MT= 56 (n,n') Level Legendre Coefficients 77-Ir-190

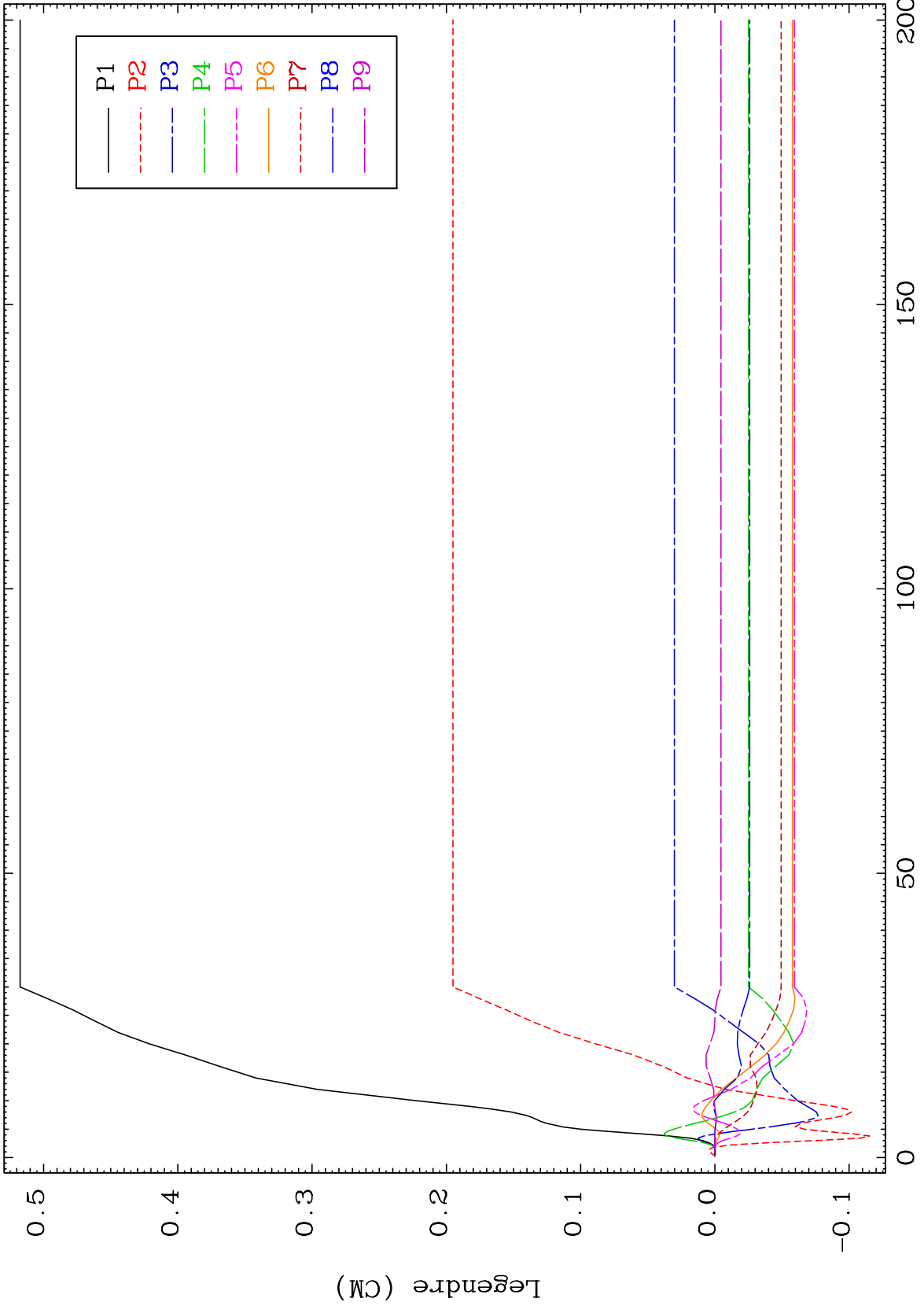


41 77-Ir-190

MAT 7722

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

77-Ir-190



42

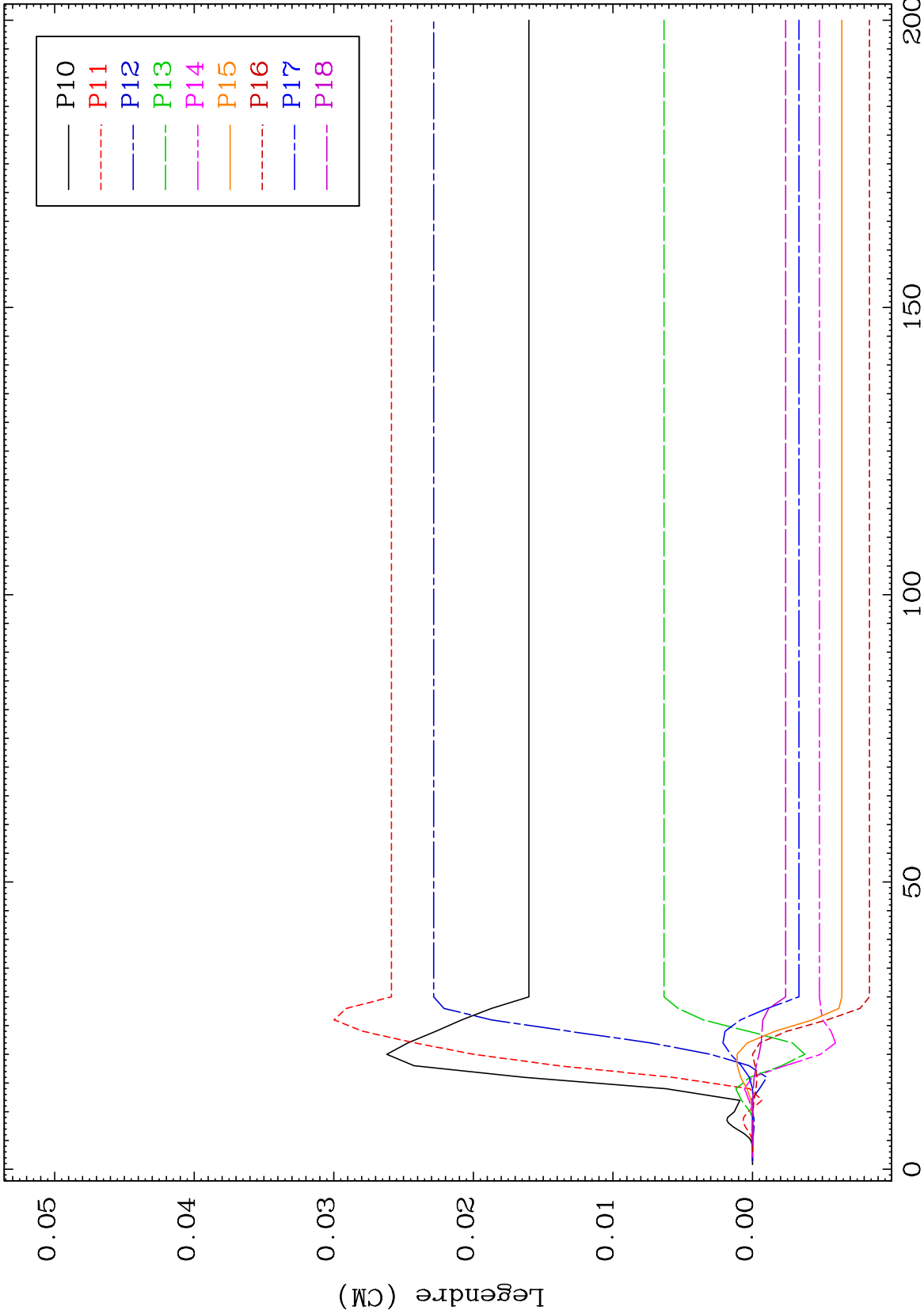
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



43

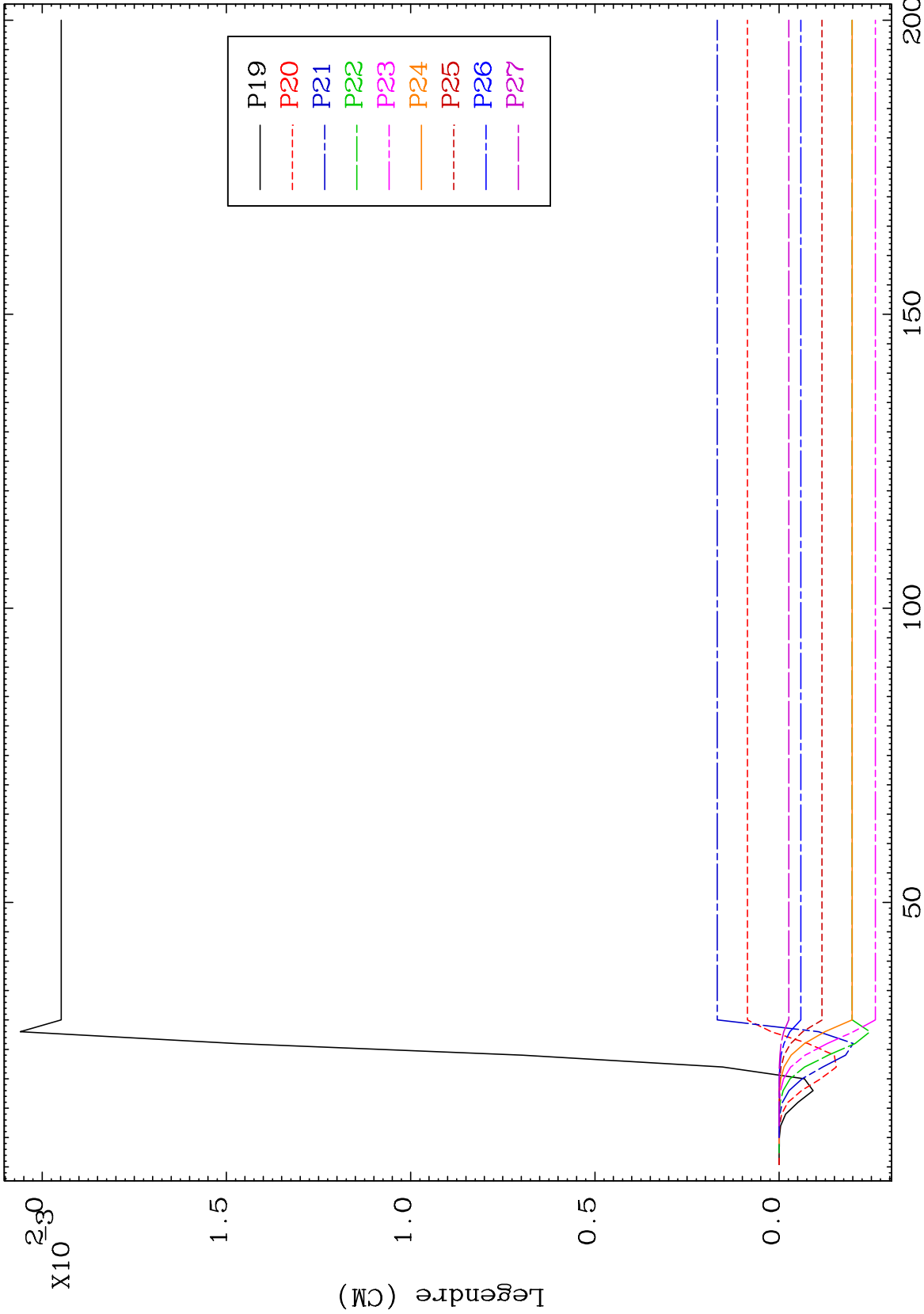
Incident Energy (MeV)

77-Ir-190

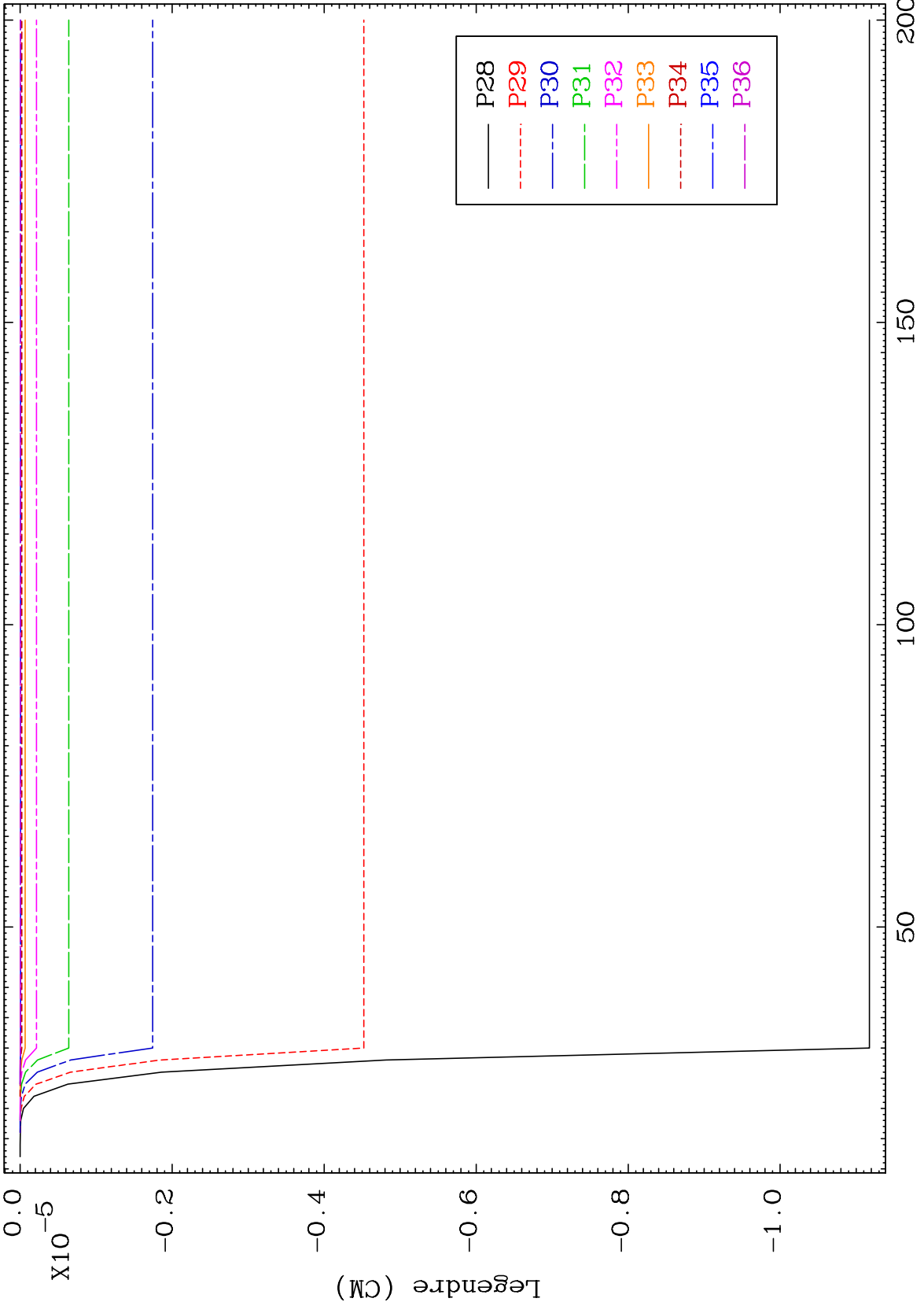
MAT 7722

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

77-Ir-190



MAT 7722 MT= 57 (n,n') Level Legendre Coefficients 77-Ir-190

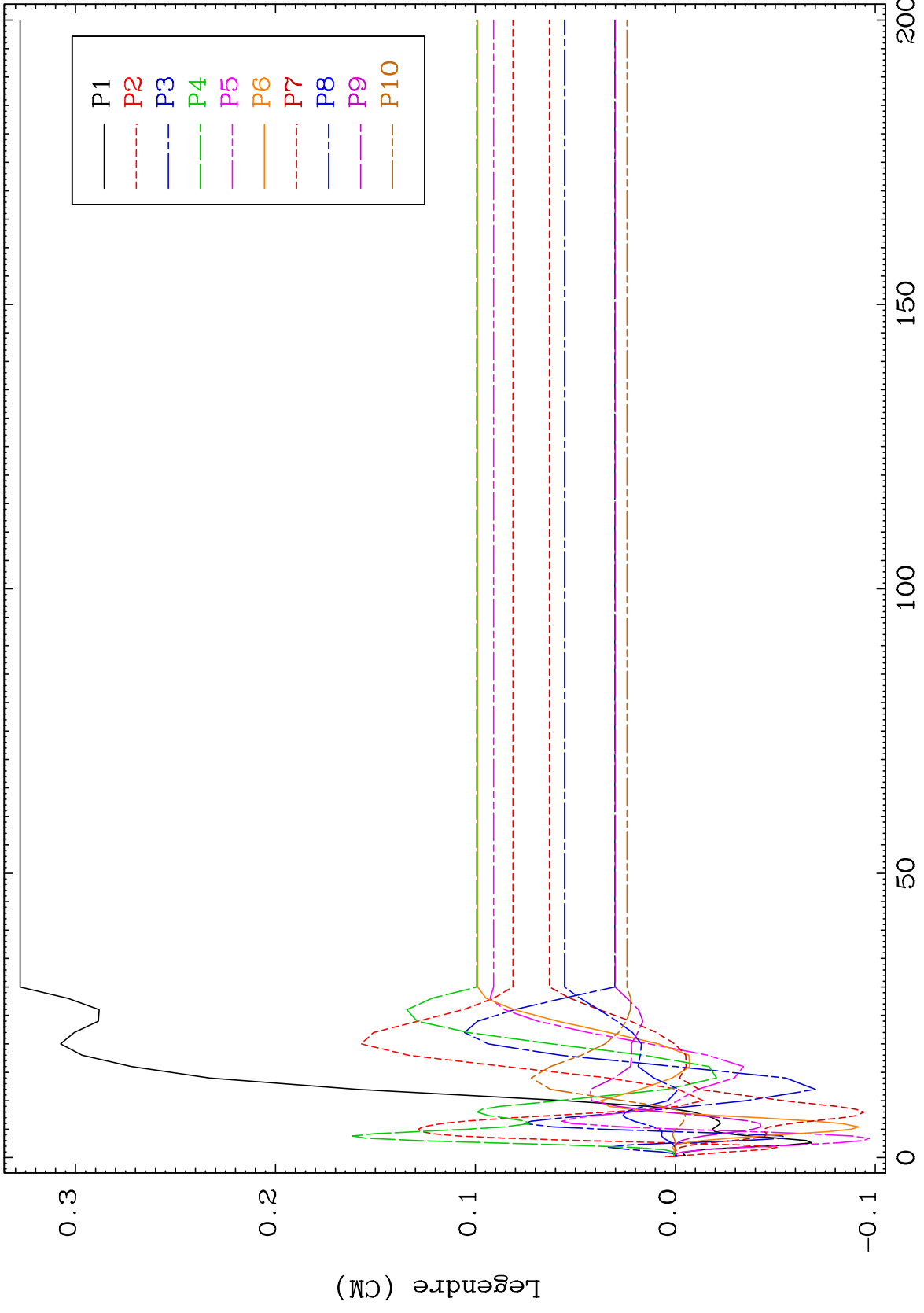


45 Incident Energy (MeV) 77-Ir-190

MAT 7722

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

77-Ir-190



46

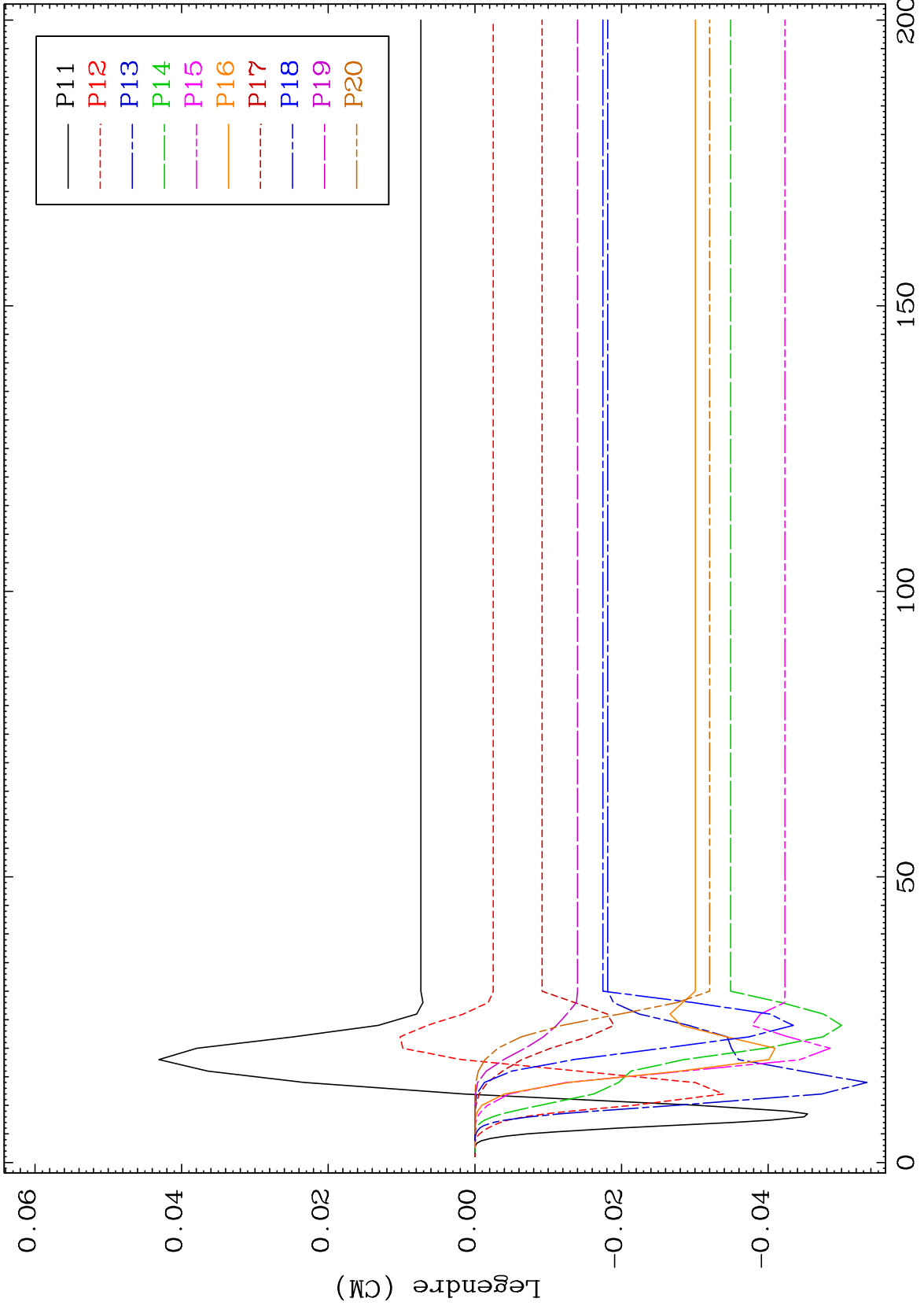
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



47

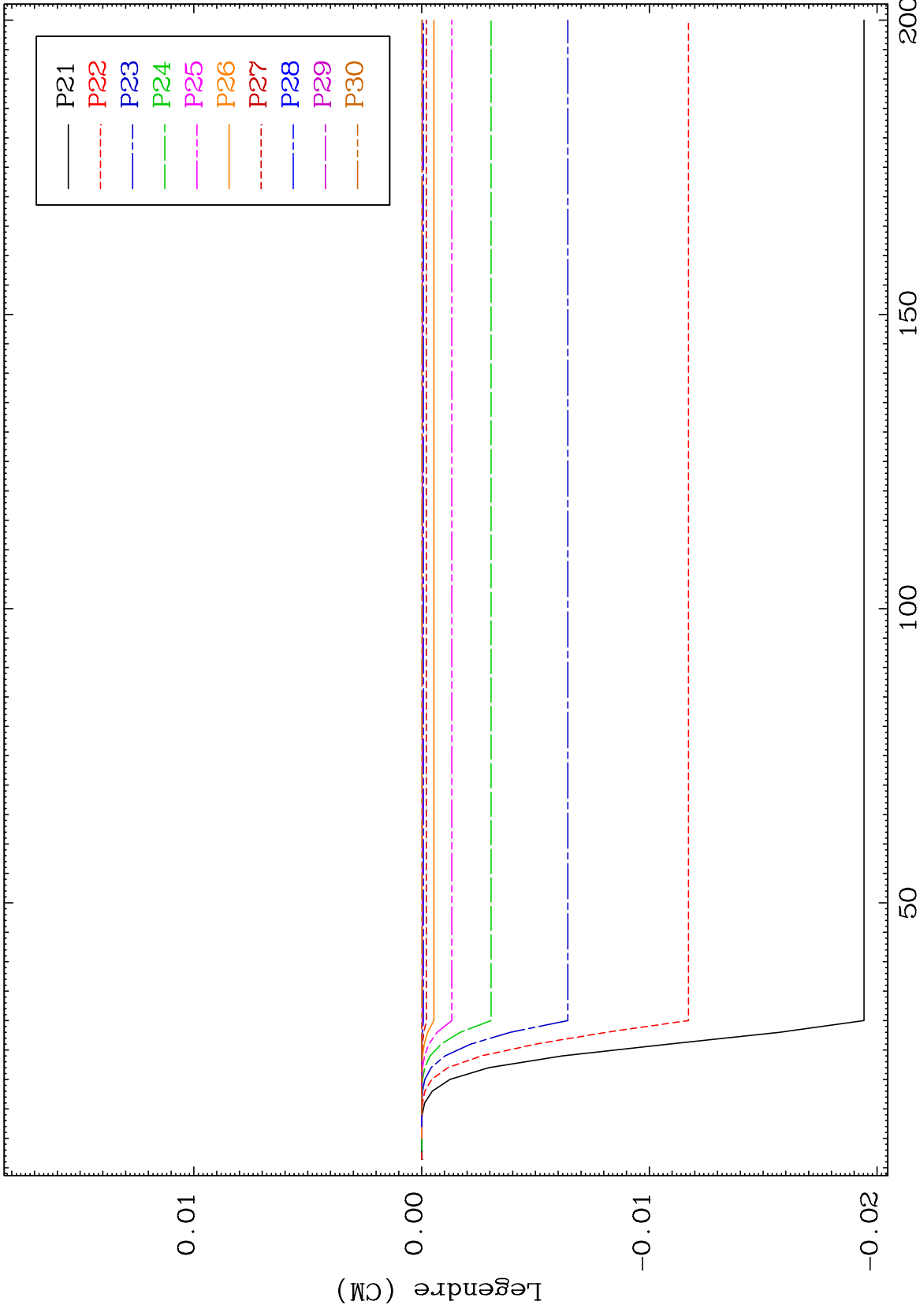
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



48

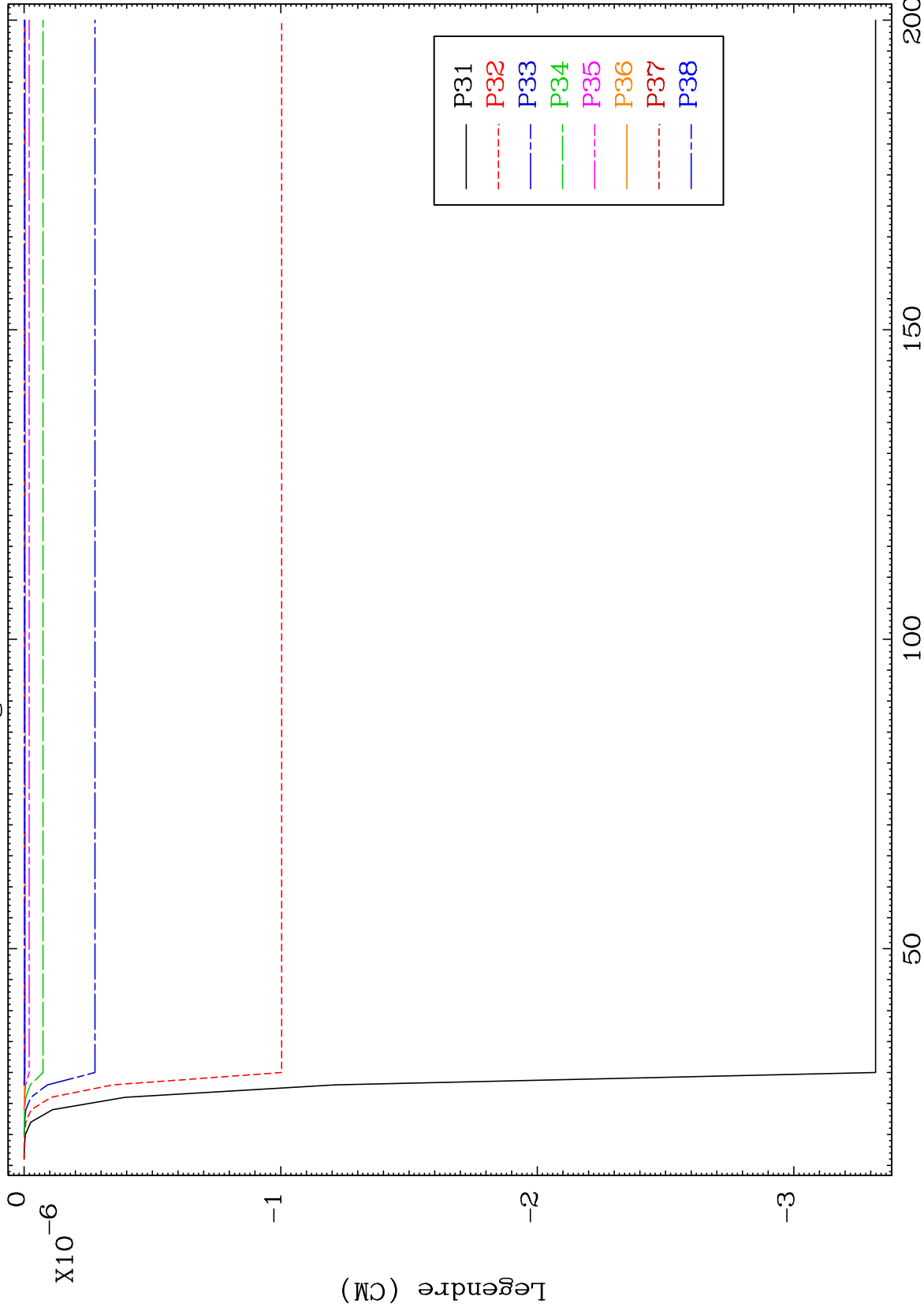
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

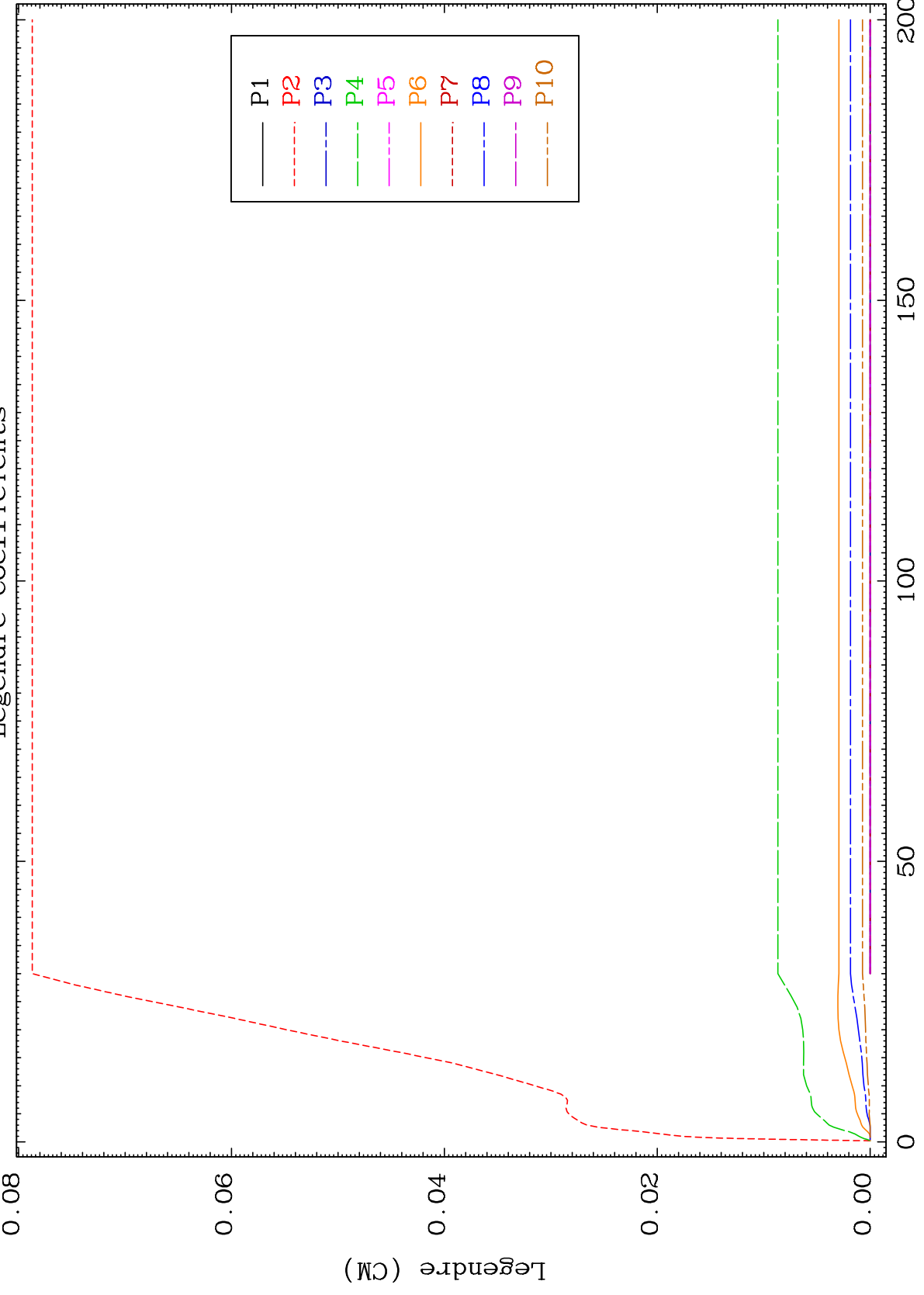


77-Ir-190

Incident Energy (MeV)

49

MAT 7722 MT= 59 (n,n') Level Legendre Coefficients 77-Ir-190



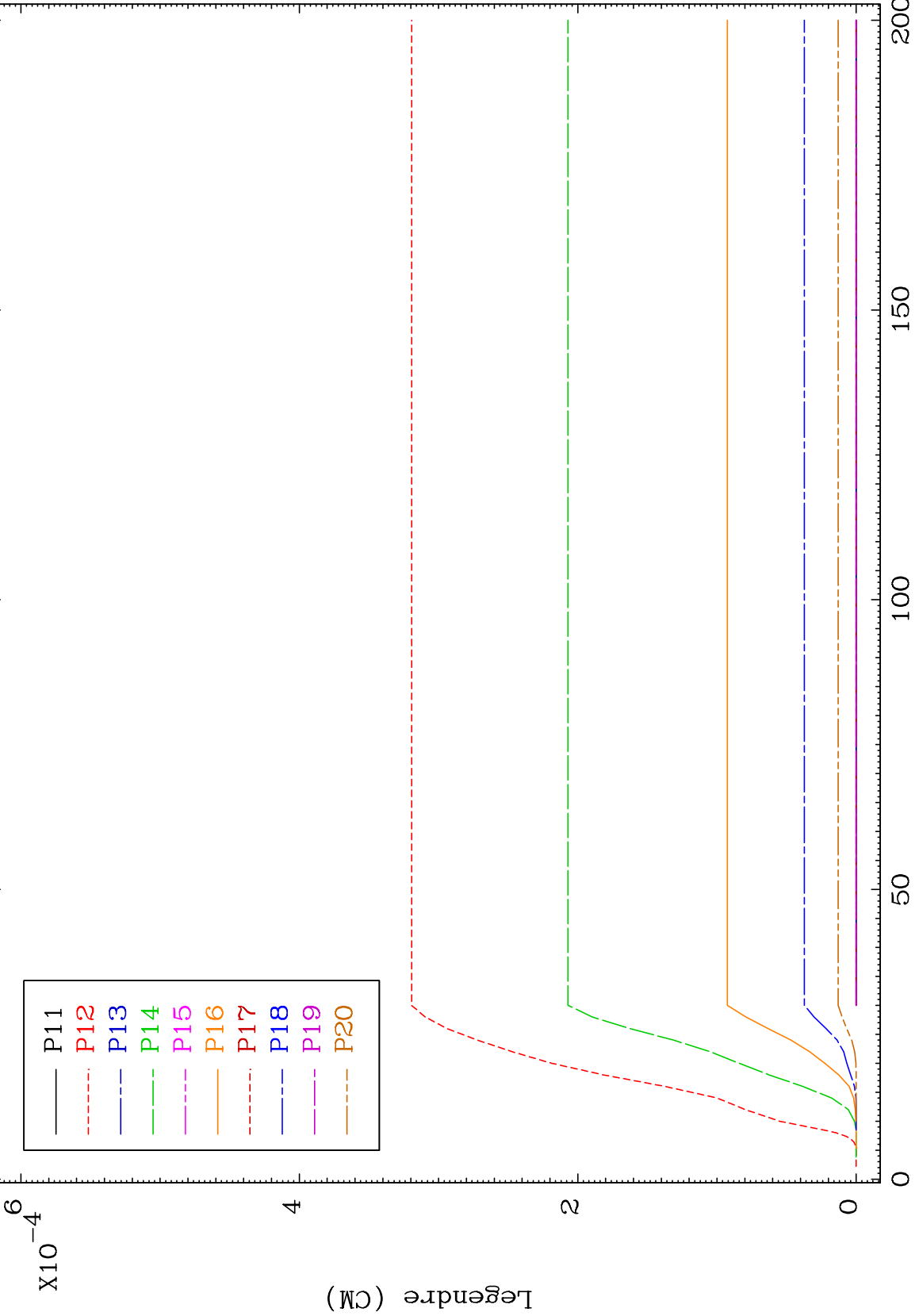
77-Ir-190

Incident Energy (MeV)

MAT 7722

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

77-Ir-190

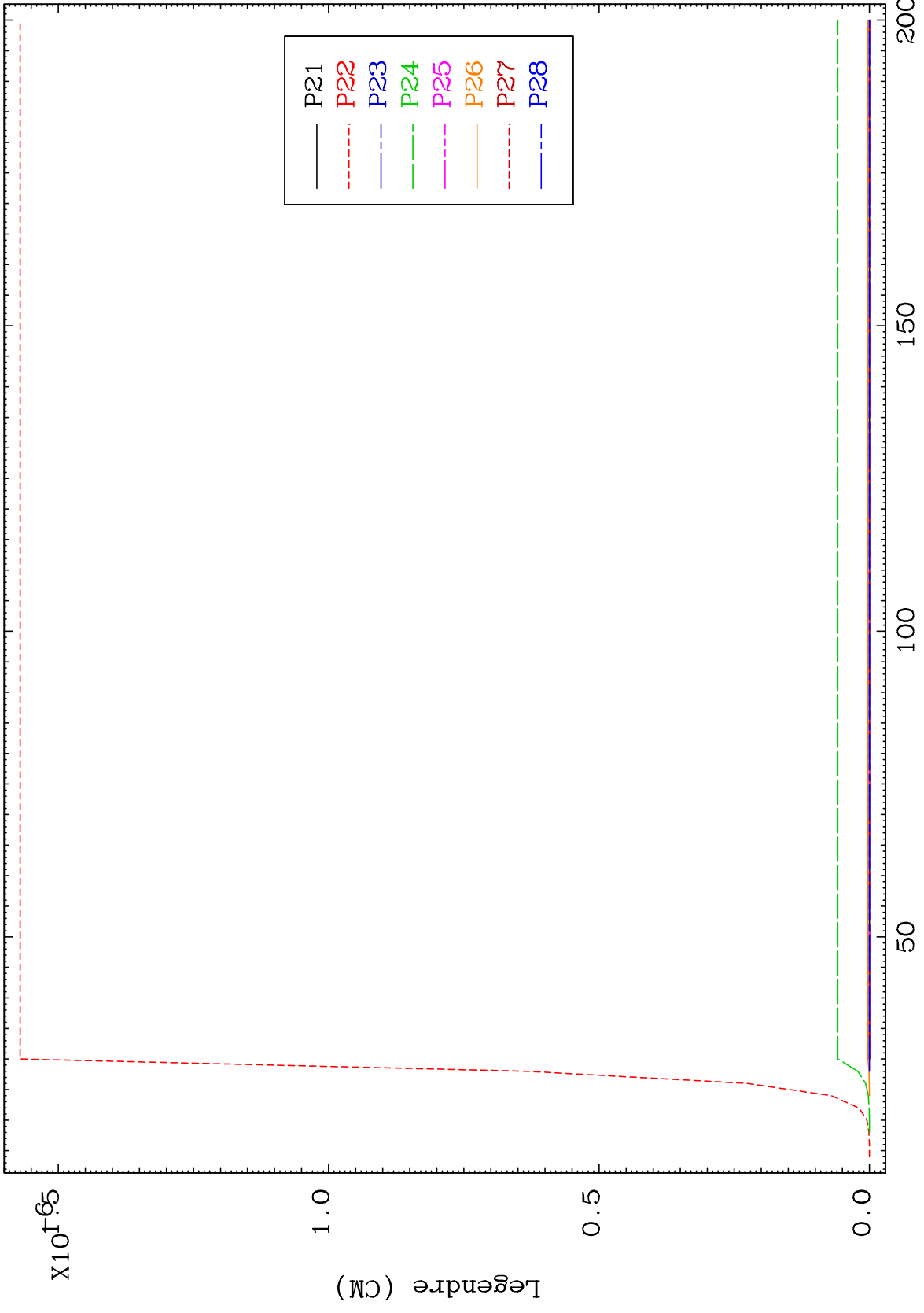


51

Incident Energy (MeV)

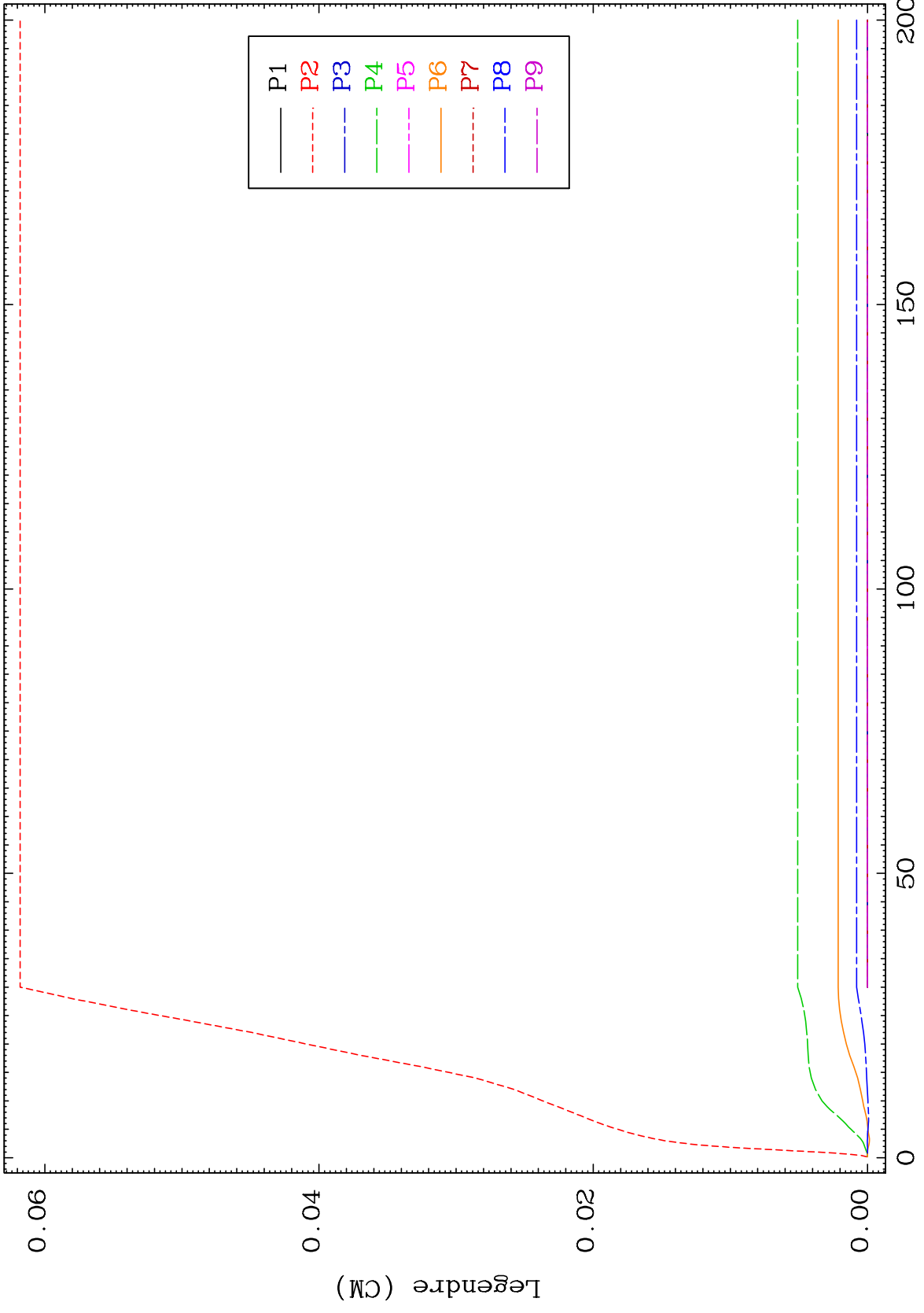
77-Ir-190

MAT 7722 MT= 59 (n,n') Level Legendre Coefficients 77-Ir-190



77-Ir-190

MAT 7722 MT= 60 (n,n') Level Legendre Coefficients 77-Ir-190

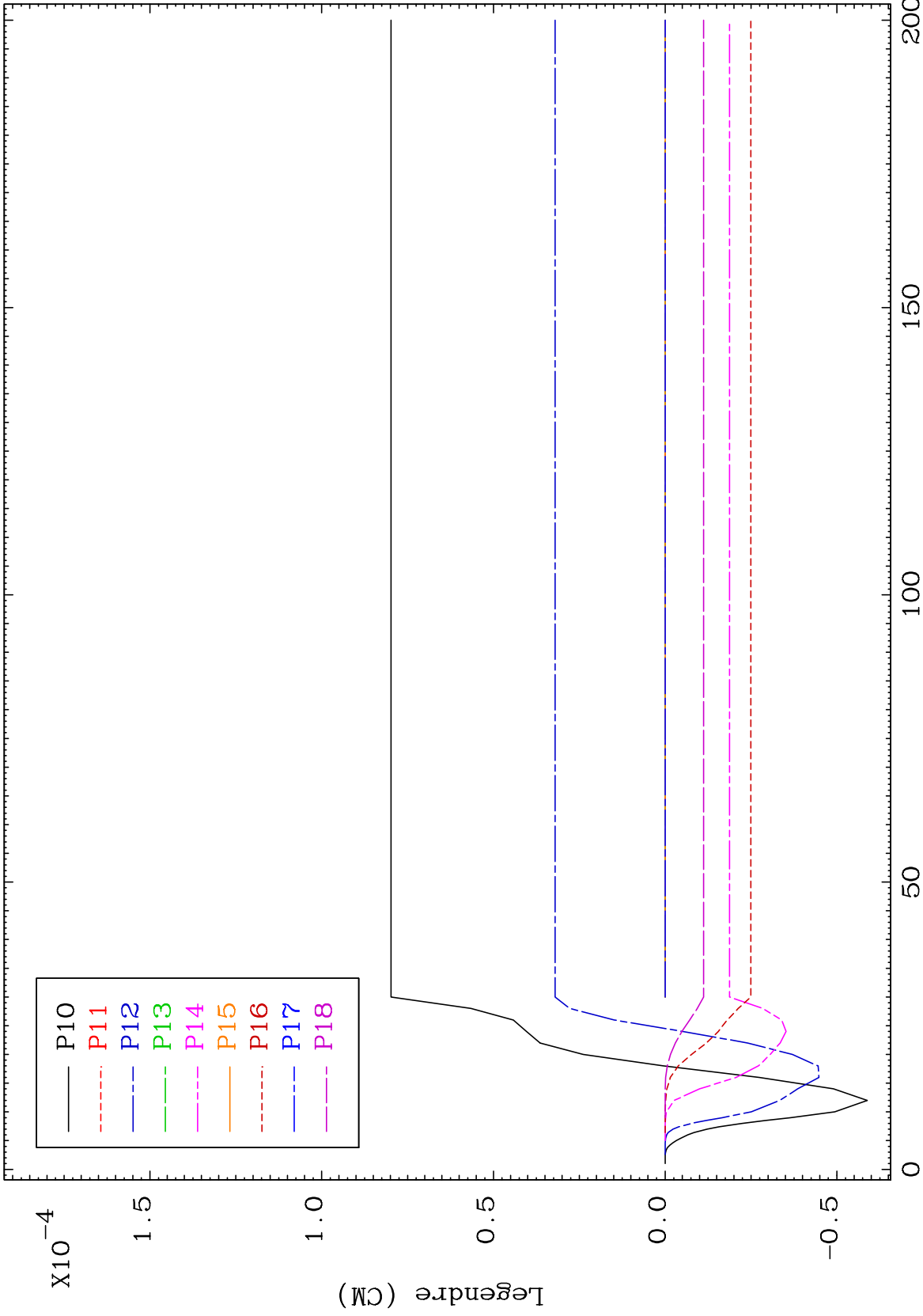


53 77-Ir-190

MAT 7722

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

77-Ir-190

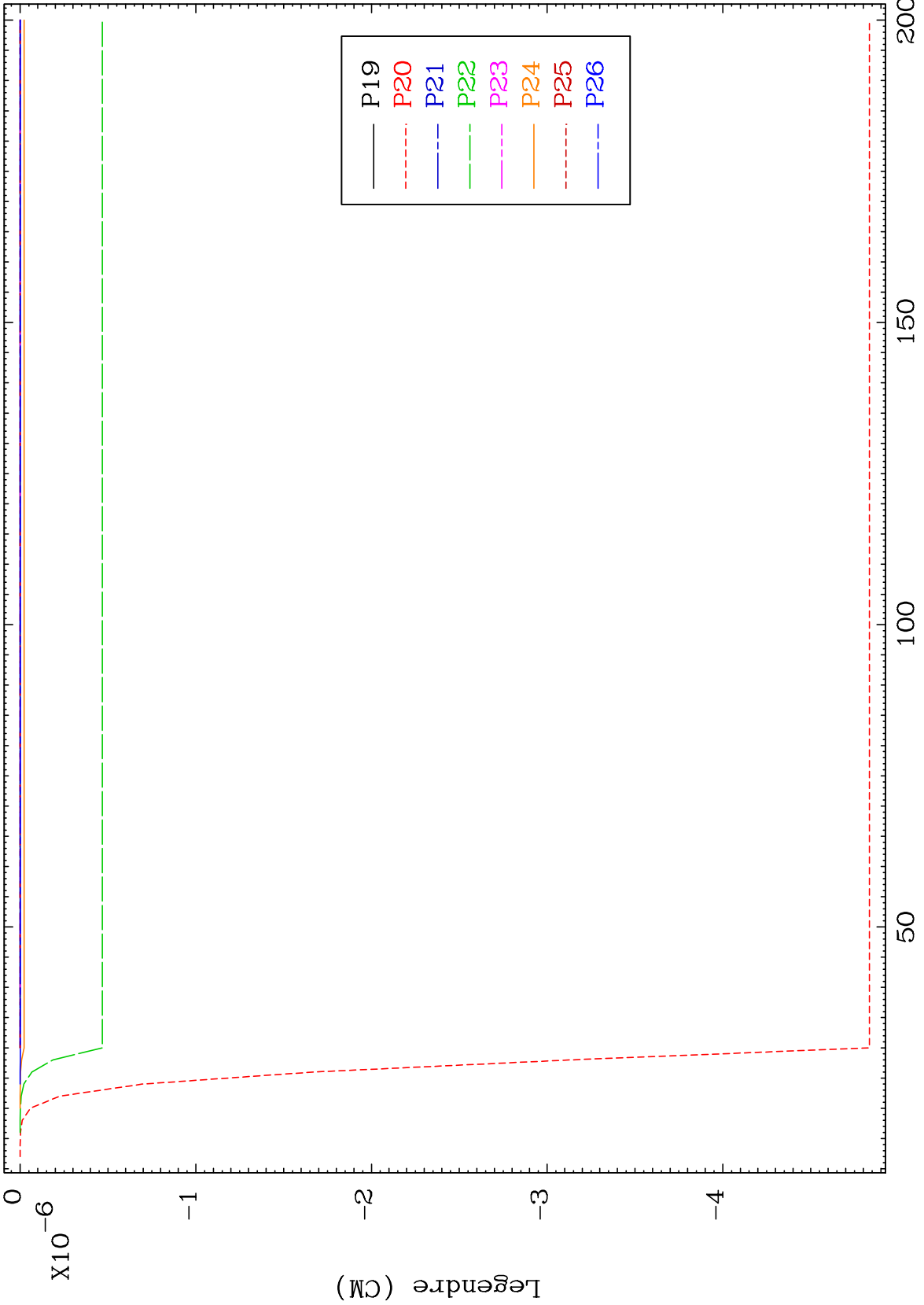


54

Incident Energy (MeV)

77-Ir-190

MAT 7722 MT= 60 (n,n') Level Legendre Coefficients 77-Ir-190

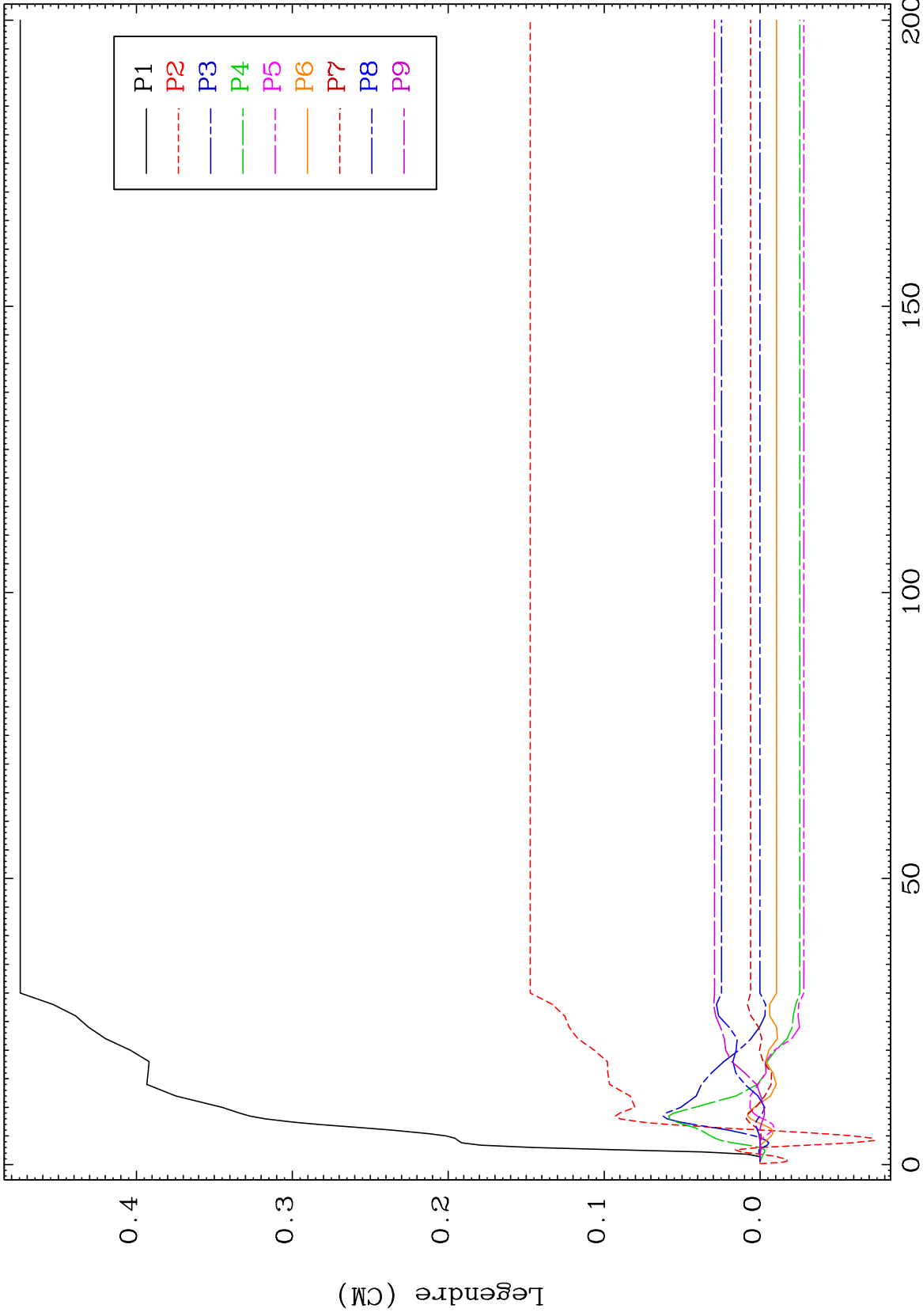


55 Incident Energy (MeV) 77-Ir-190

MAT 7722

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

77-Ir-190



56

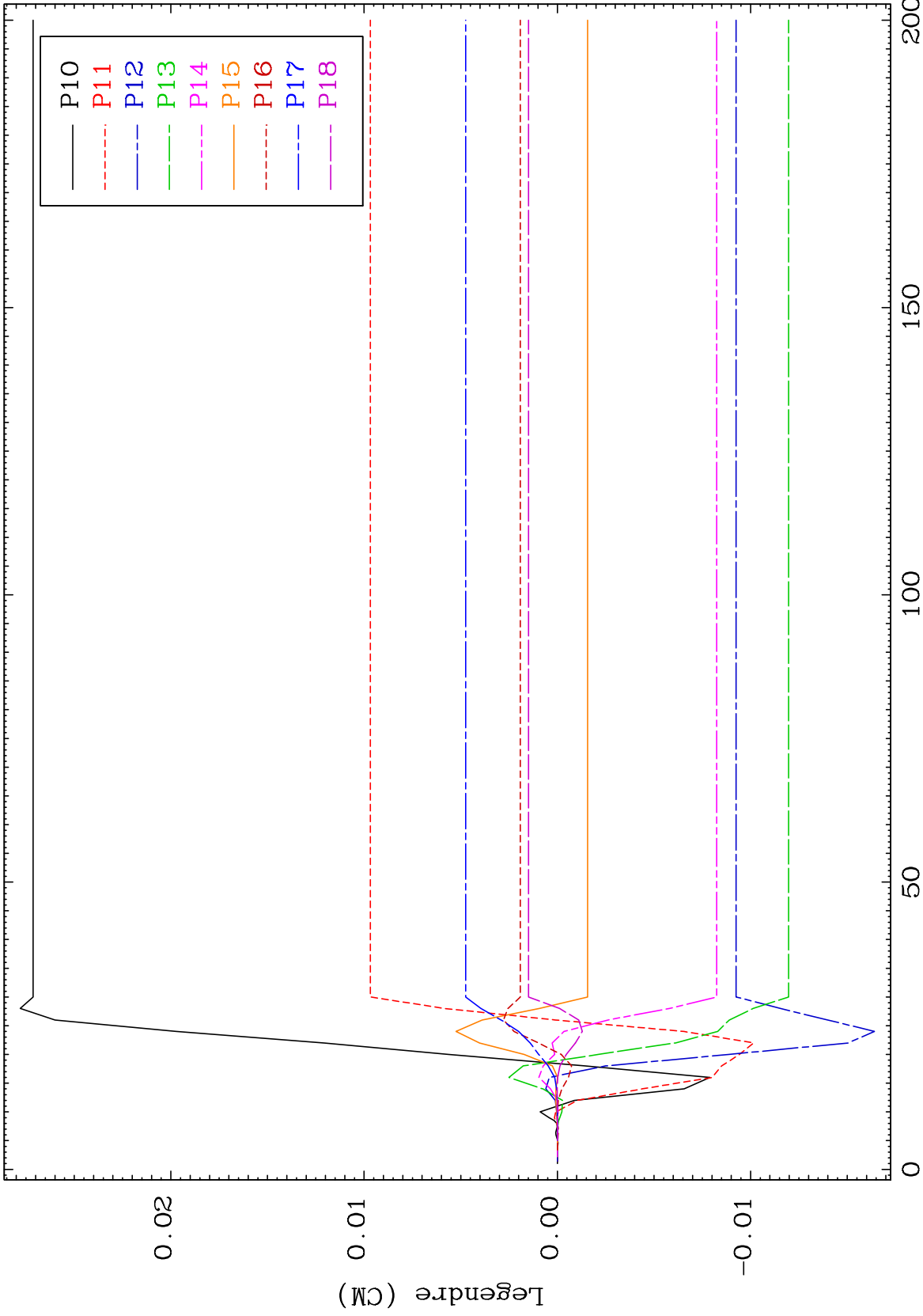
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



57

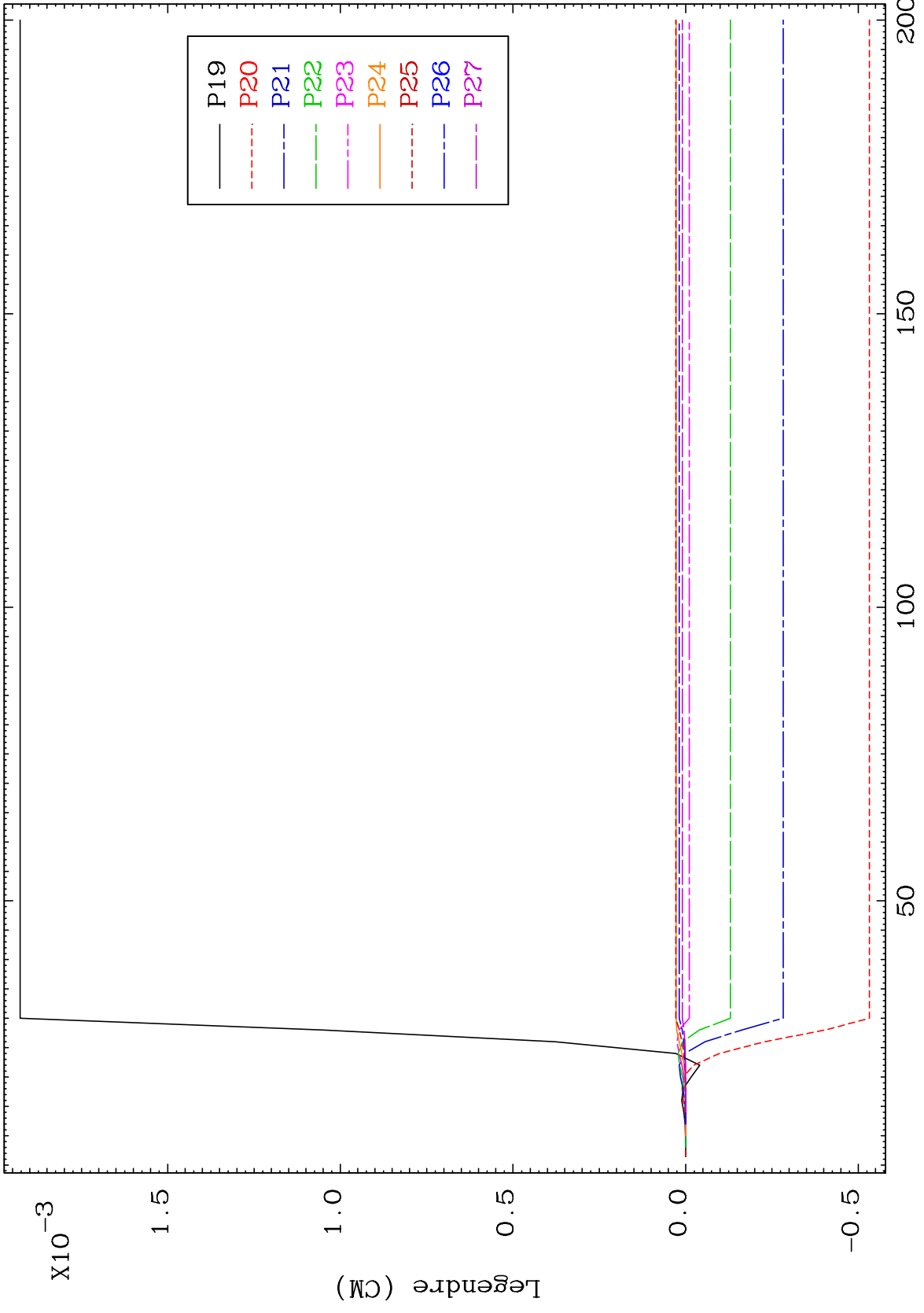
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



58

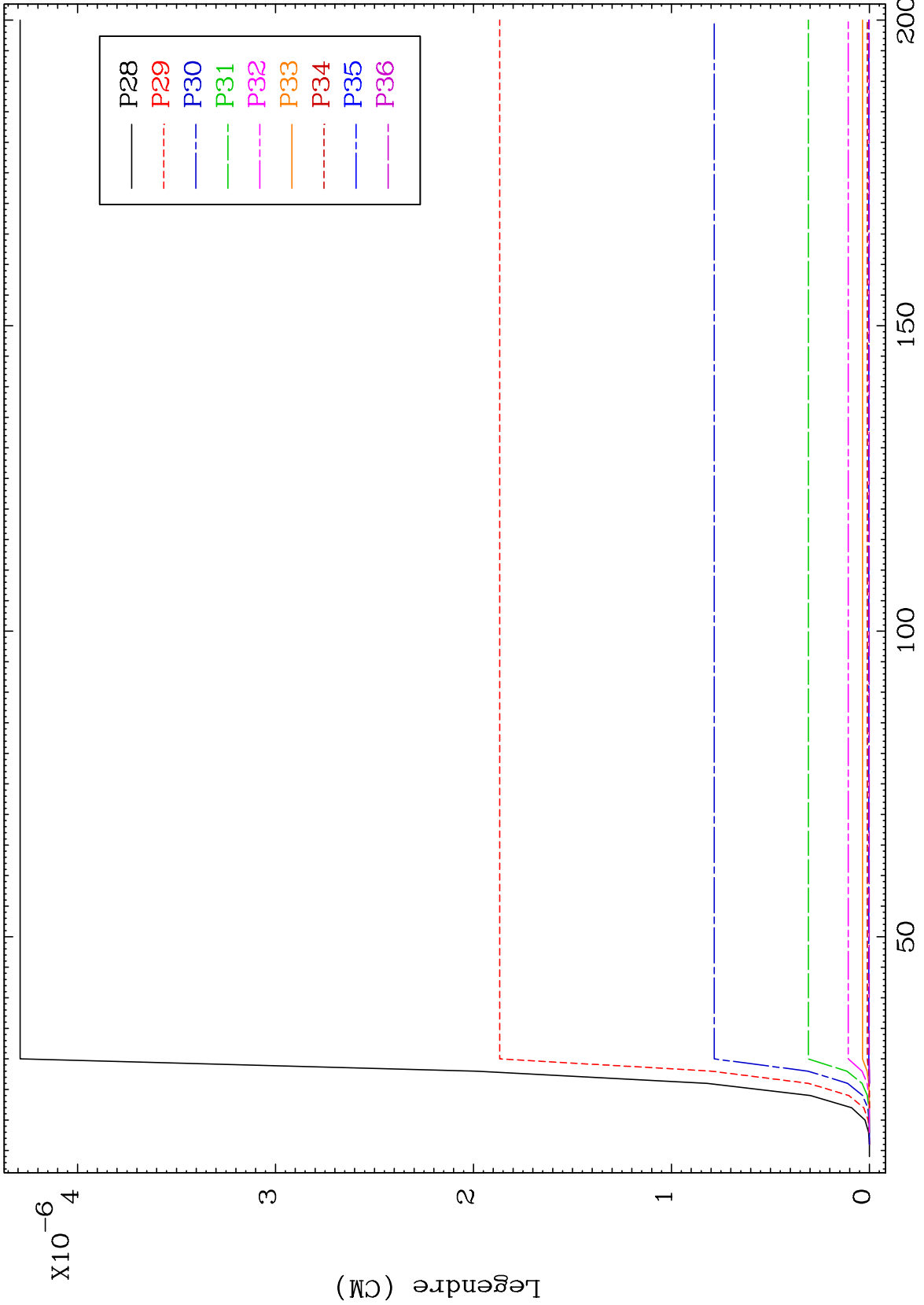
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



59

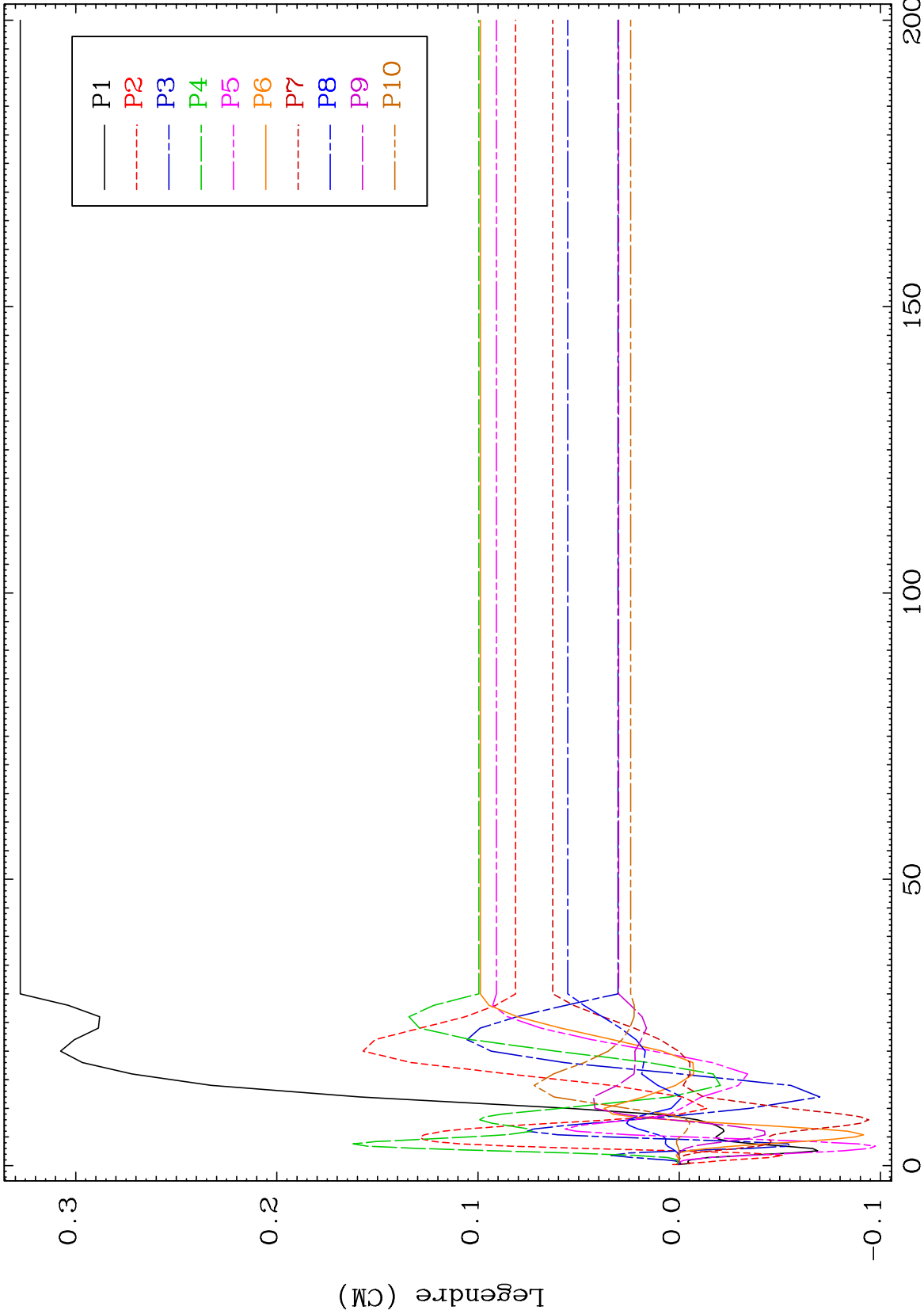
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



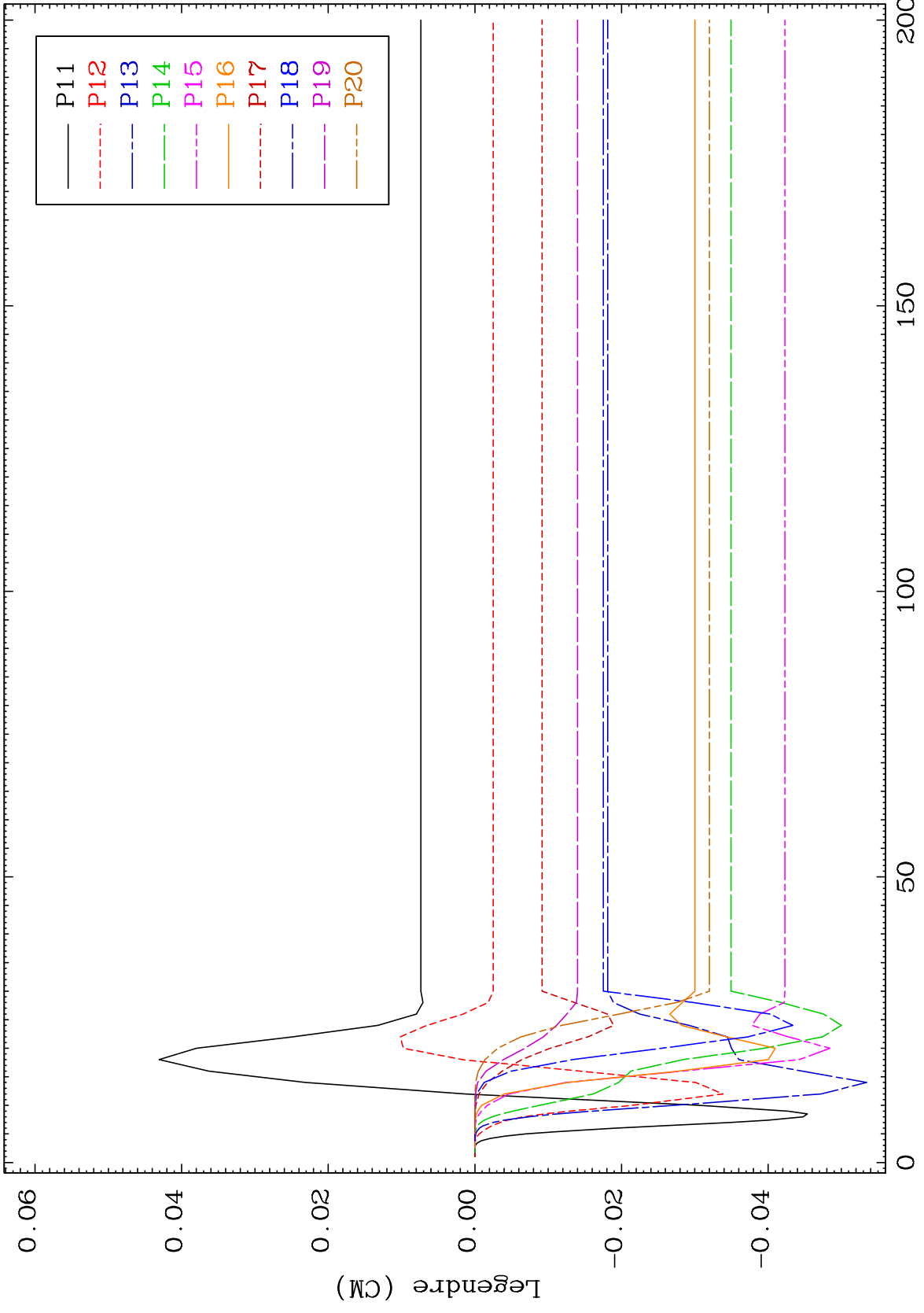
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



61

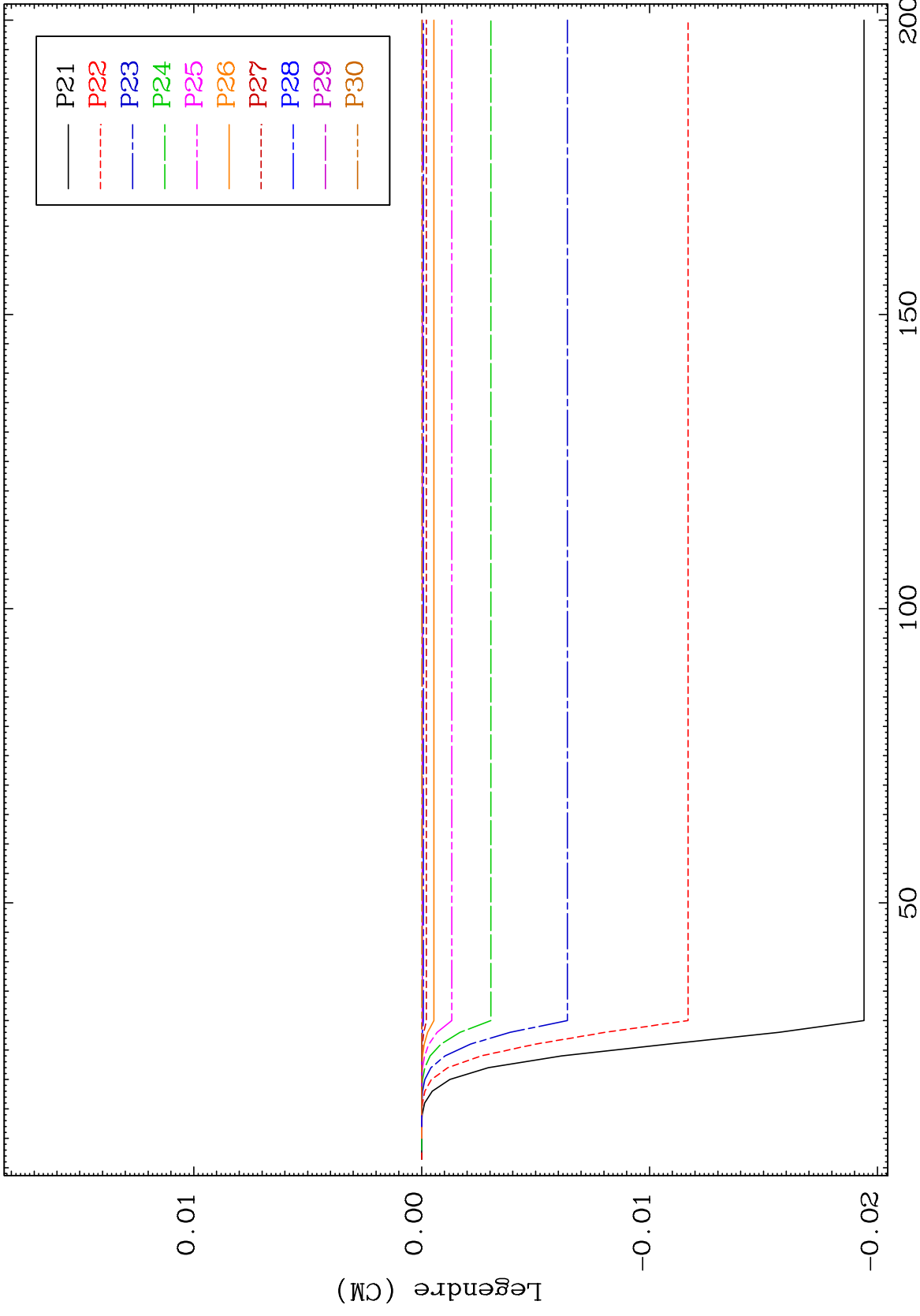
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

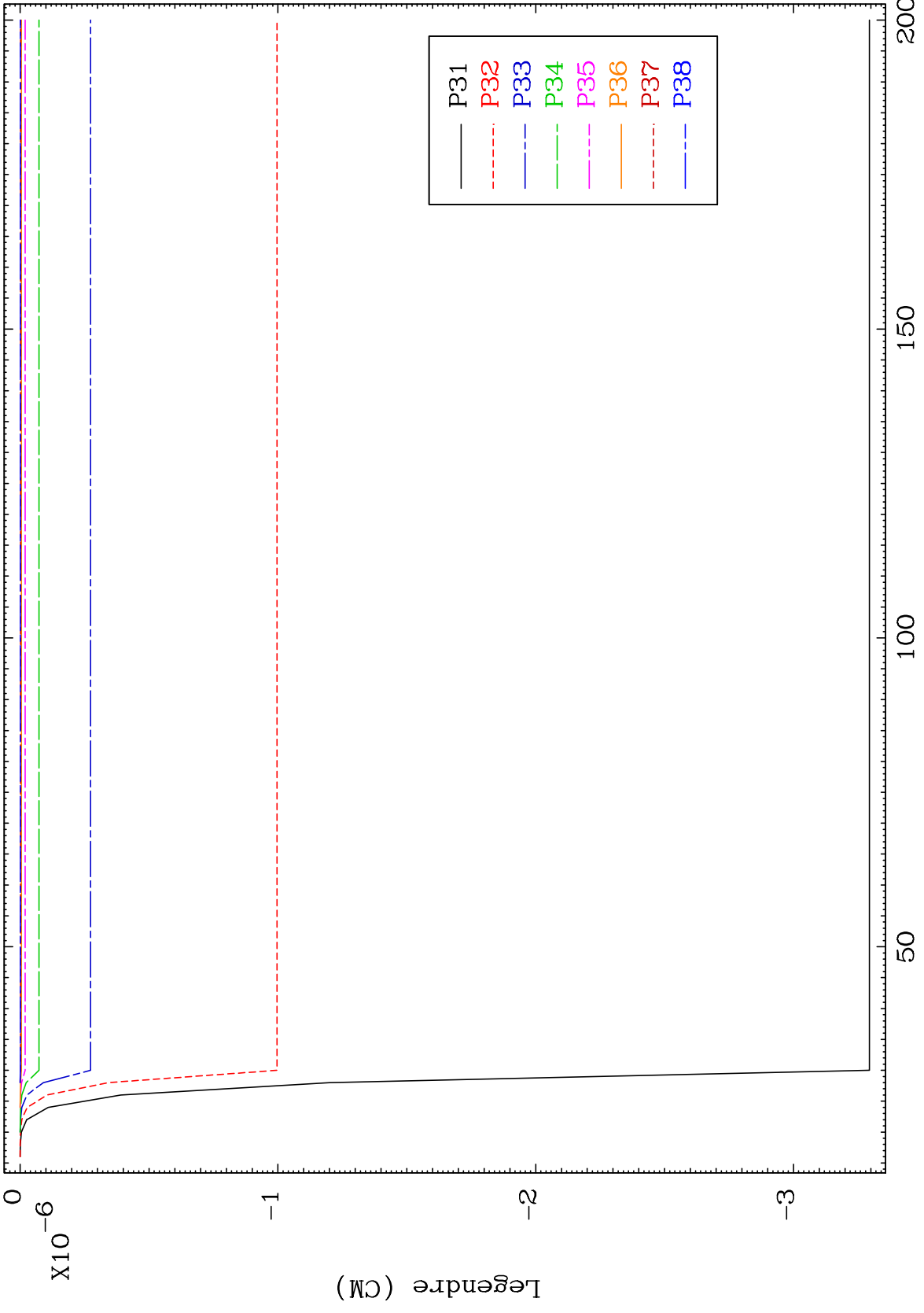


62

Incident Energy (MeV)

77-Ir-190

MAT 7722 MT= 62 (n,n') Level Legendre Coefficients 77-Ir-190

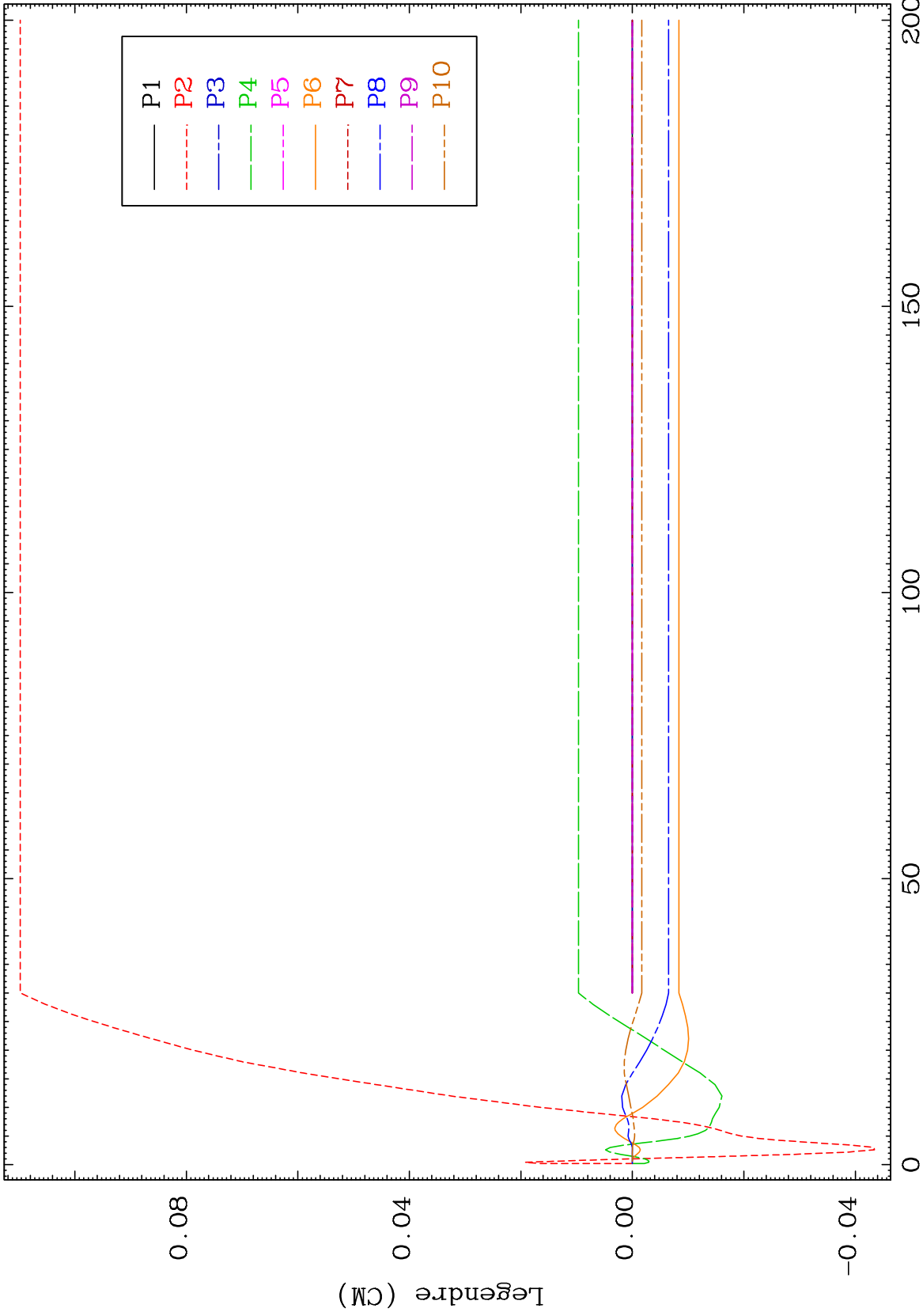


63 77-Ir-190

MAT 7722

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

77-Ir-190



64

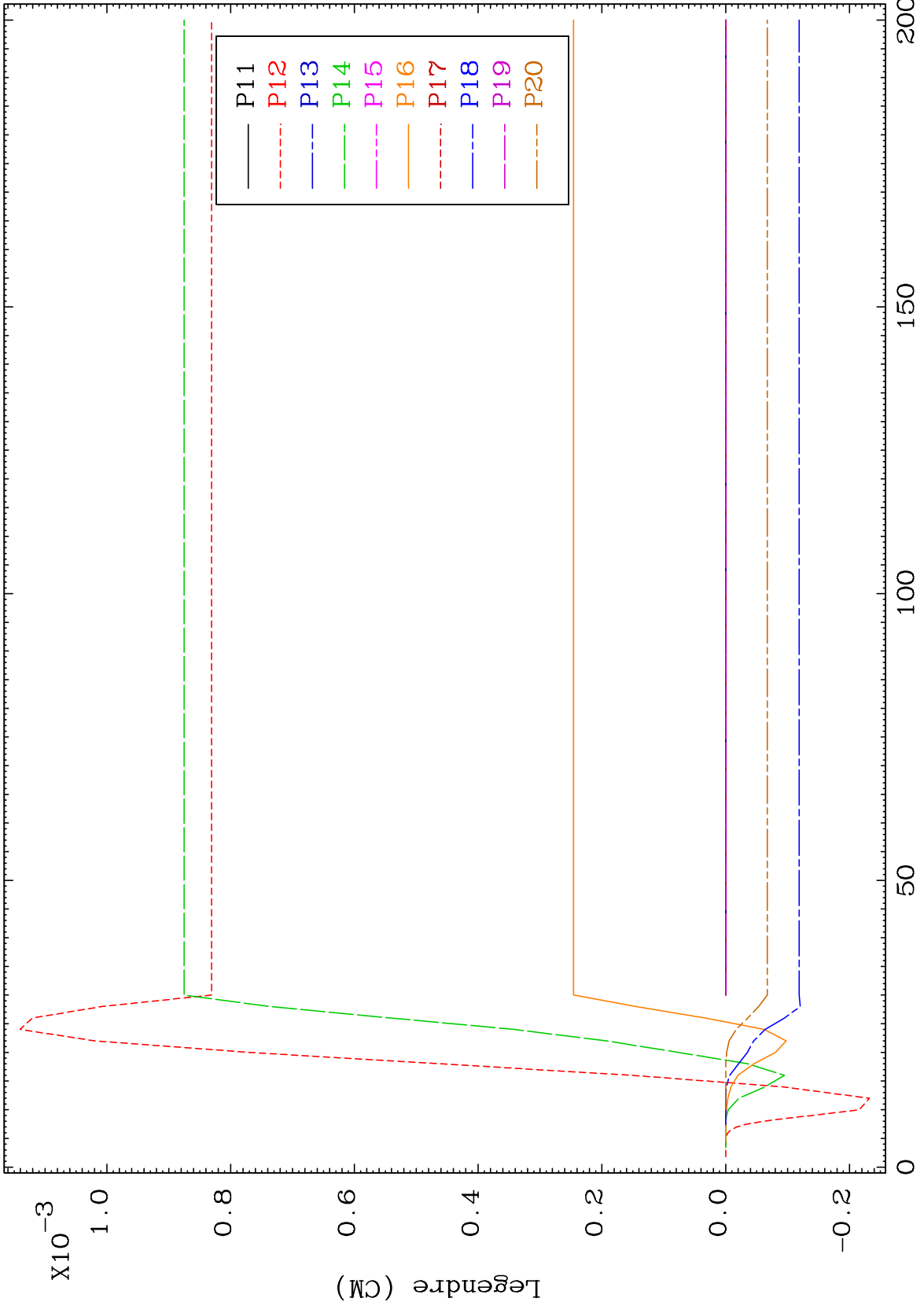
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

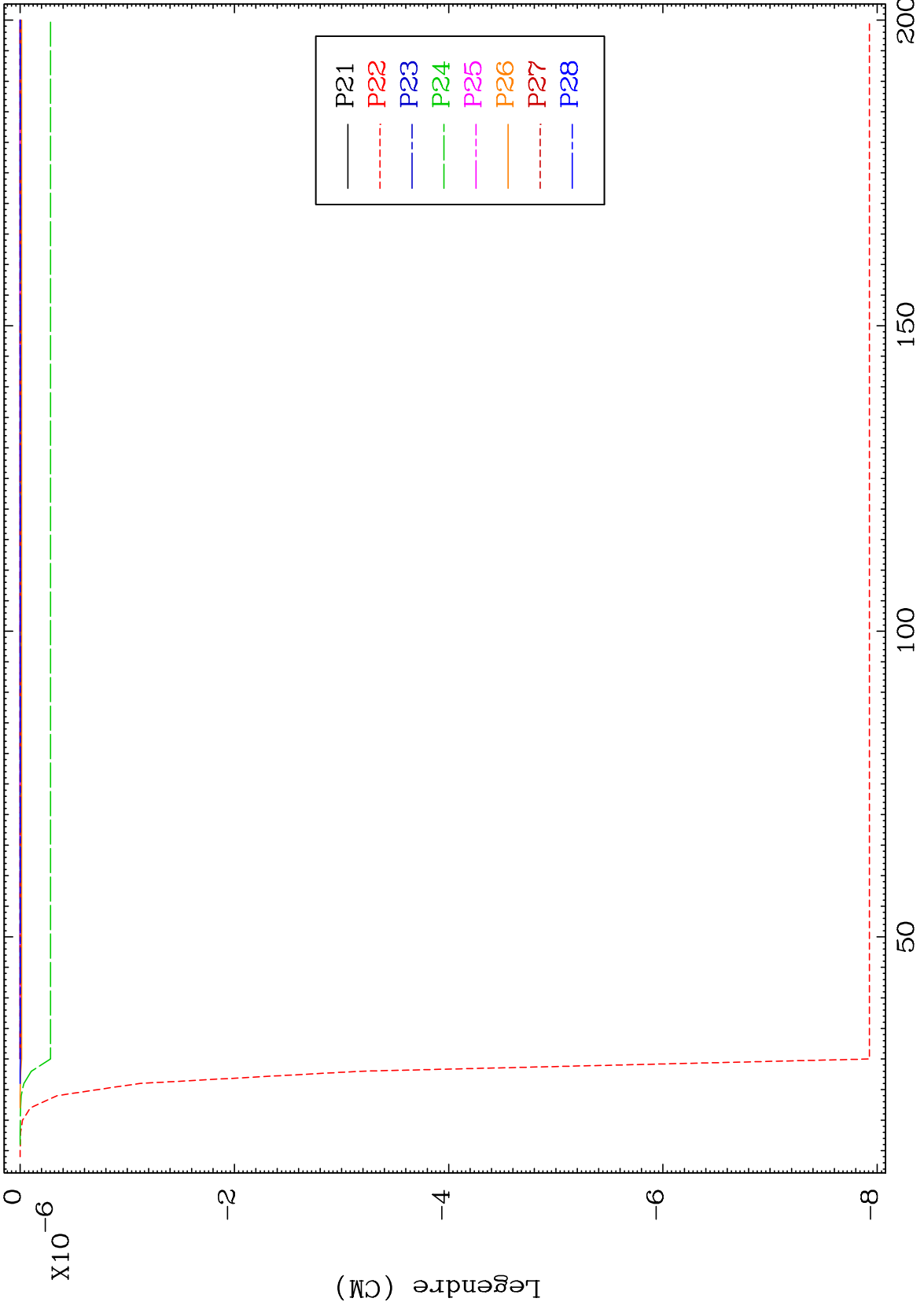
77-Ir-190



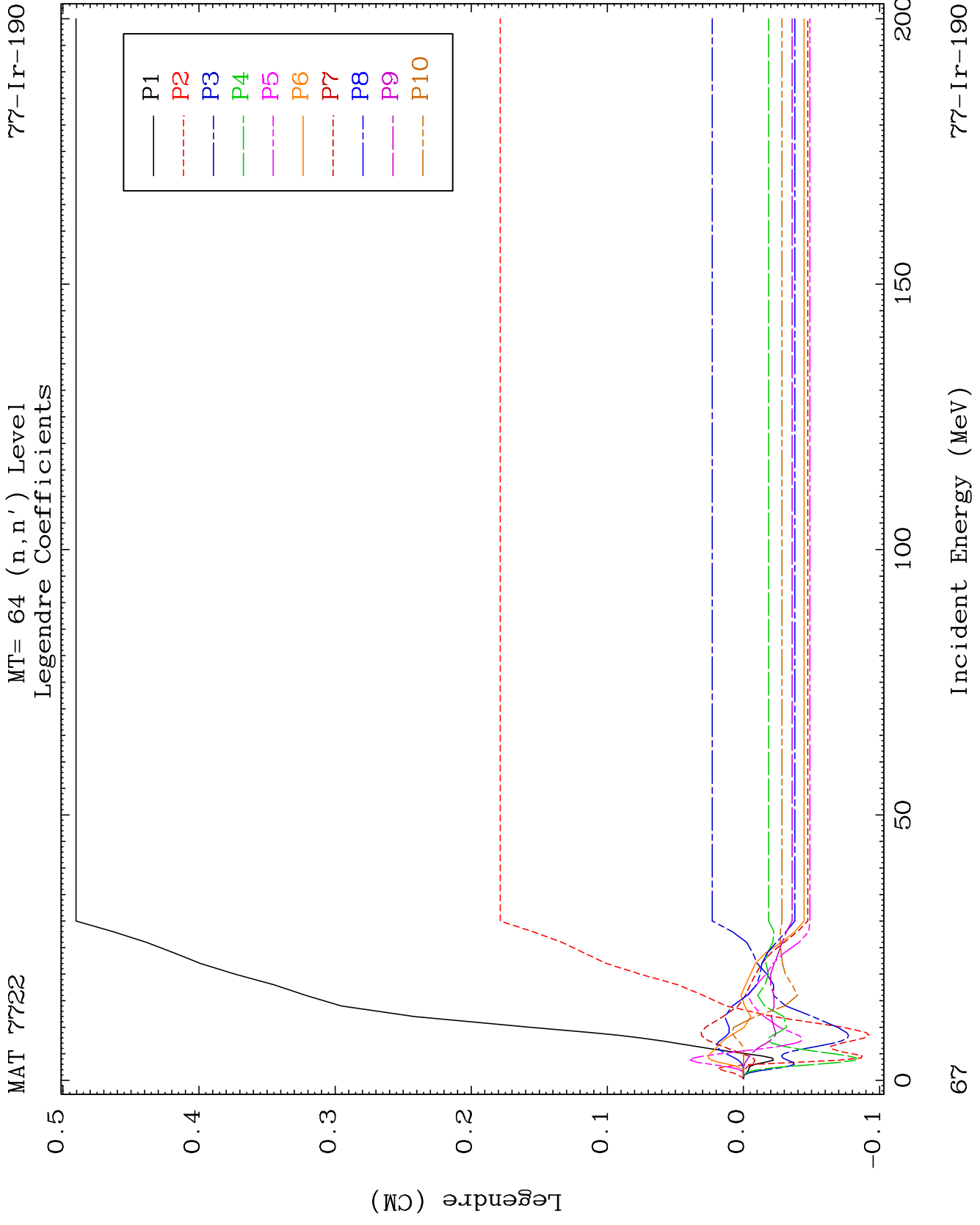
65

77-Ir-190

MAT 7722 MT= 63 (n,n') Level Legendre Coefficients 77-Ir-190



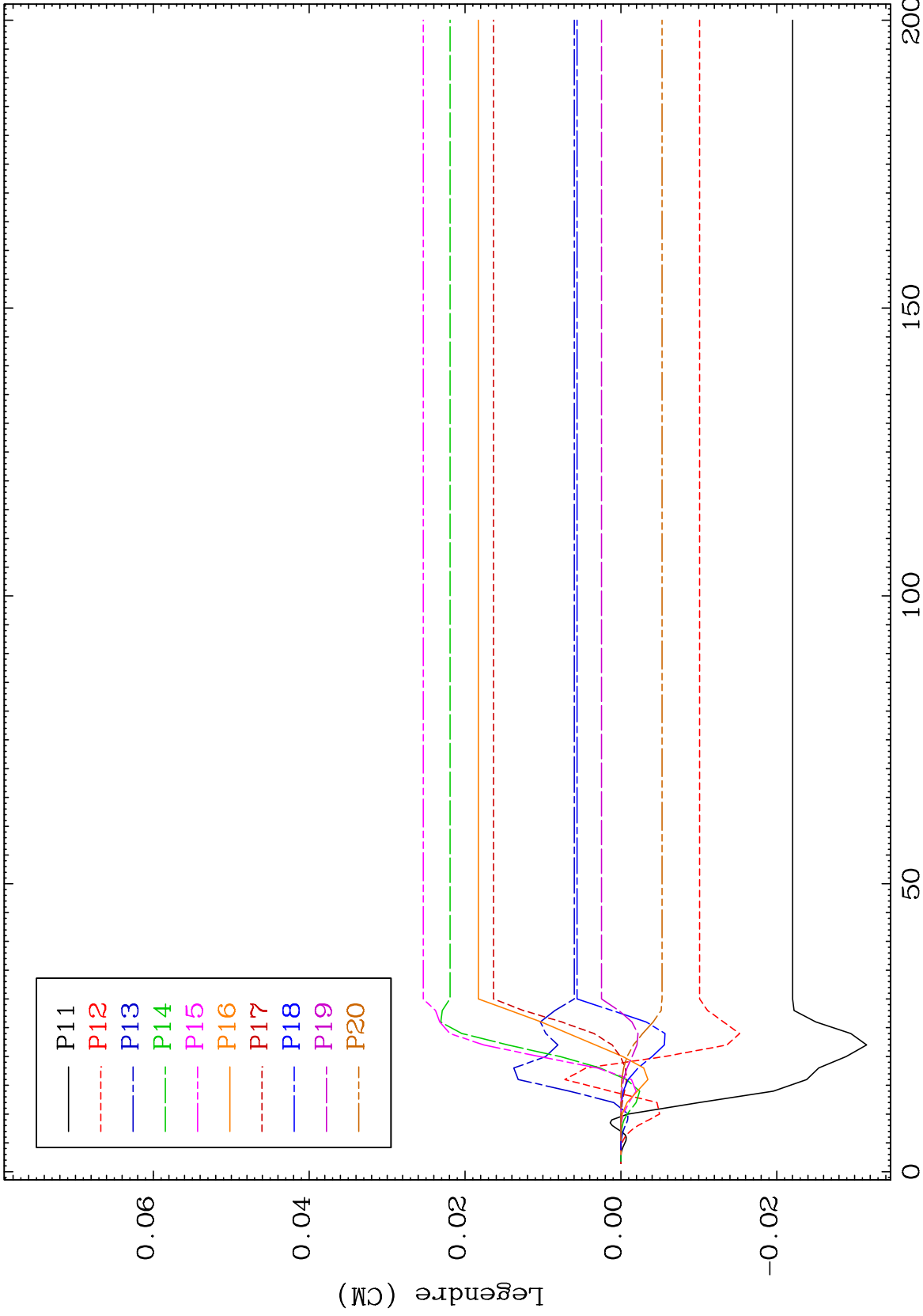
66 77-Ir-190



MAT 7722

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

77-Ir-190



68

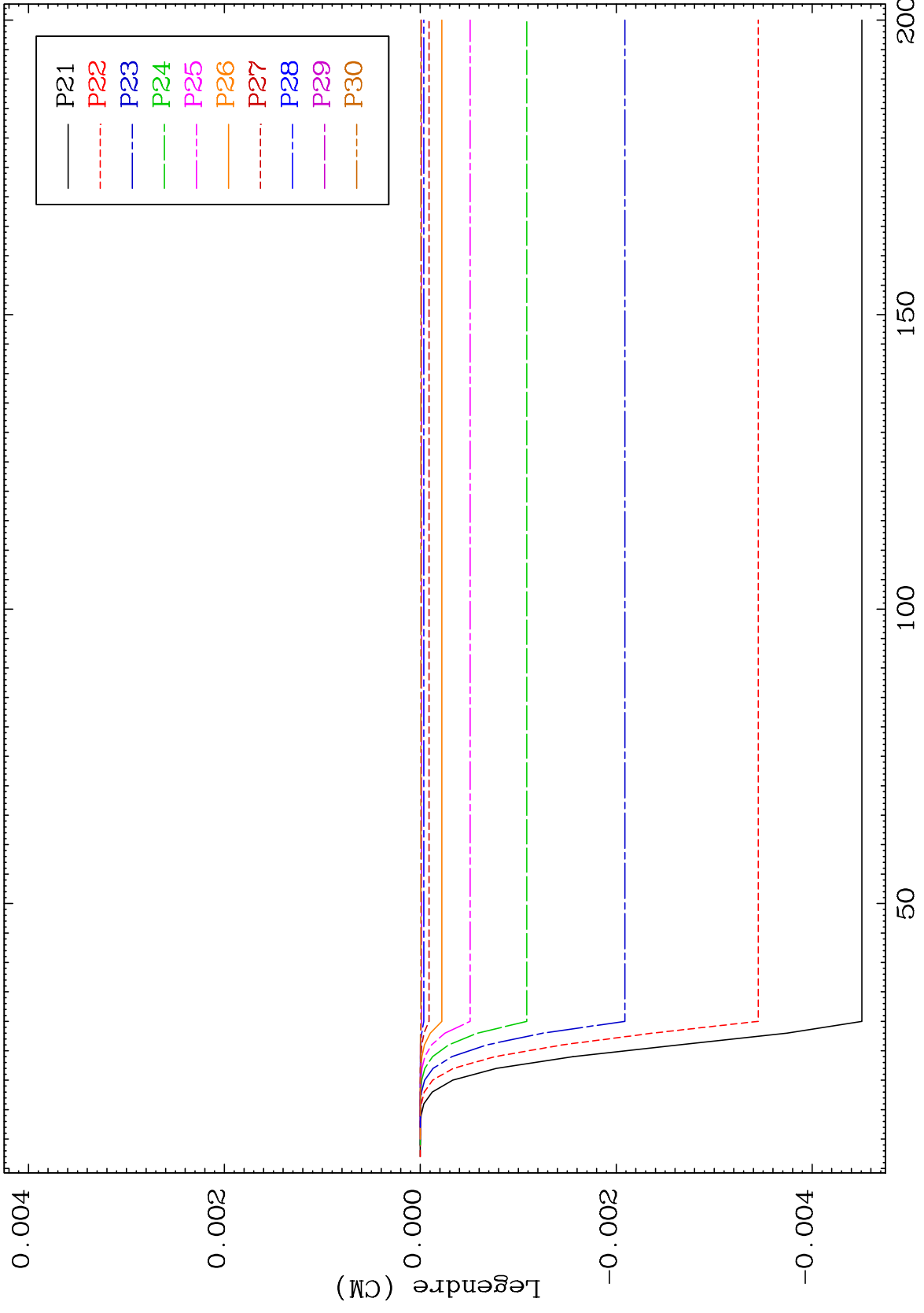
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



69

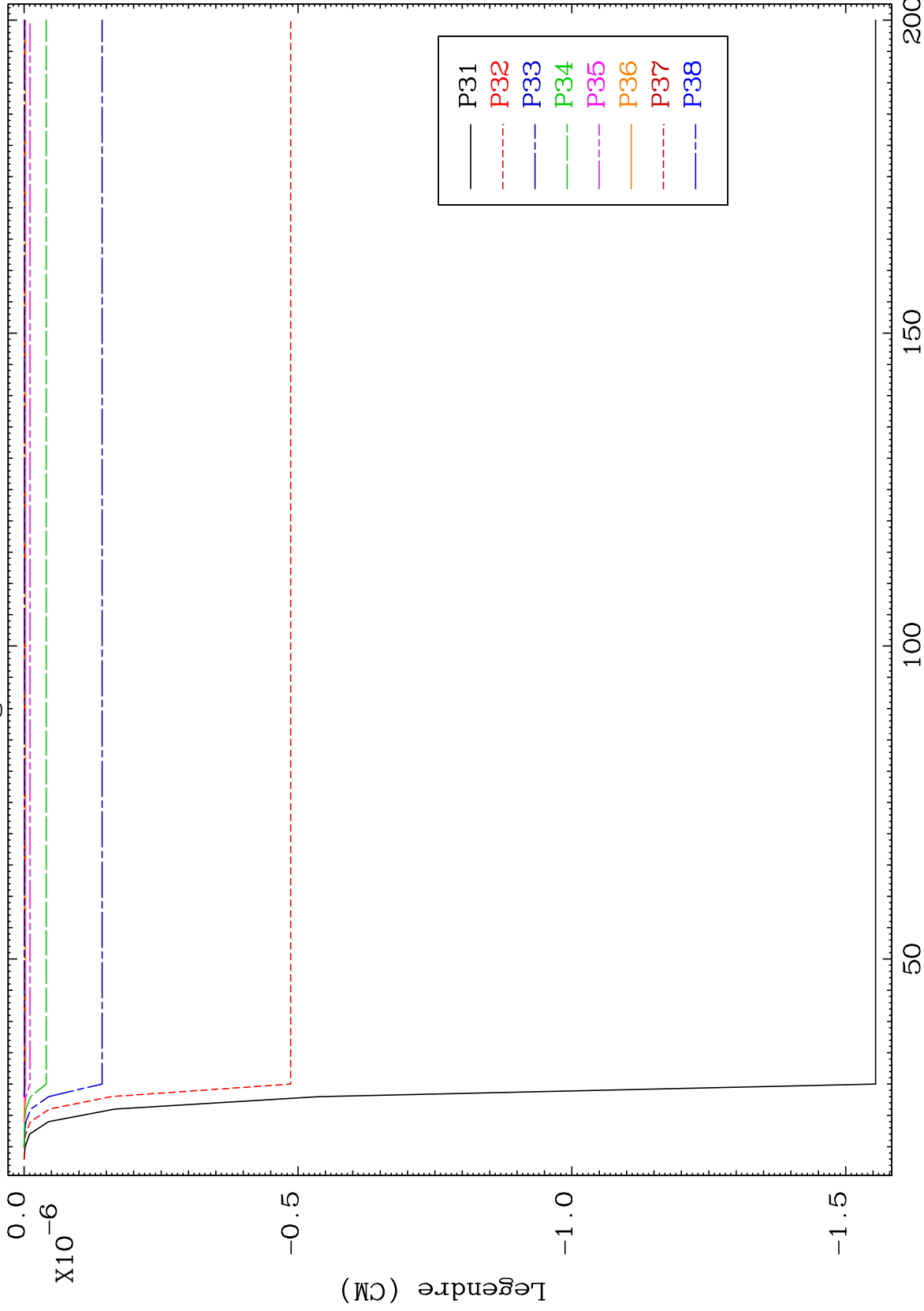
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



77-Ir-190

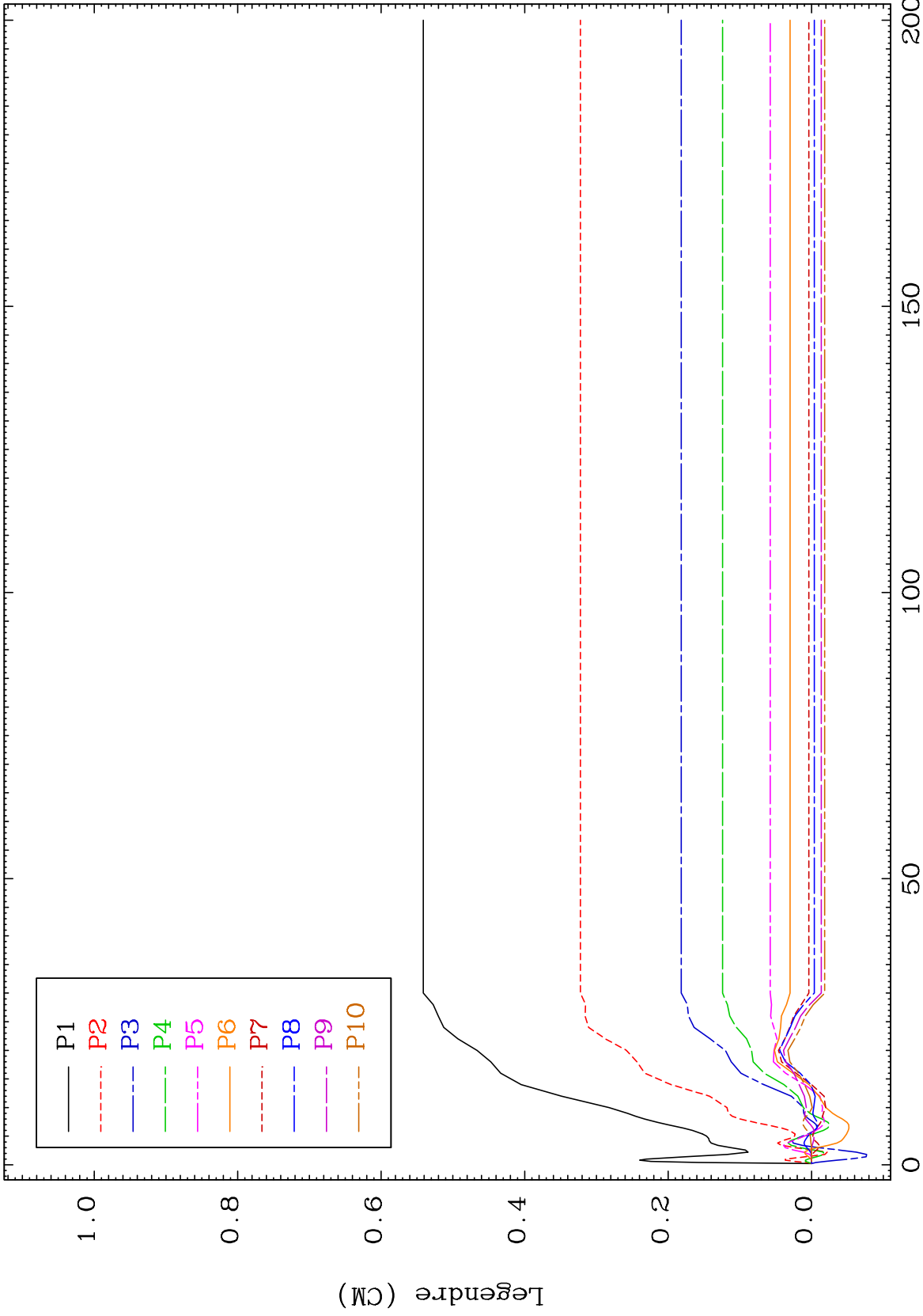
Incident Energy (MeV)

70

MAT 7722

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

77-Ir-190

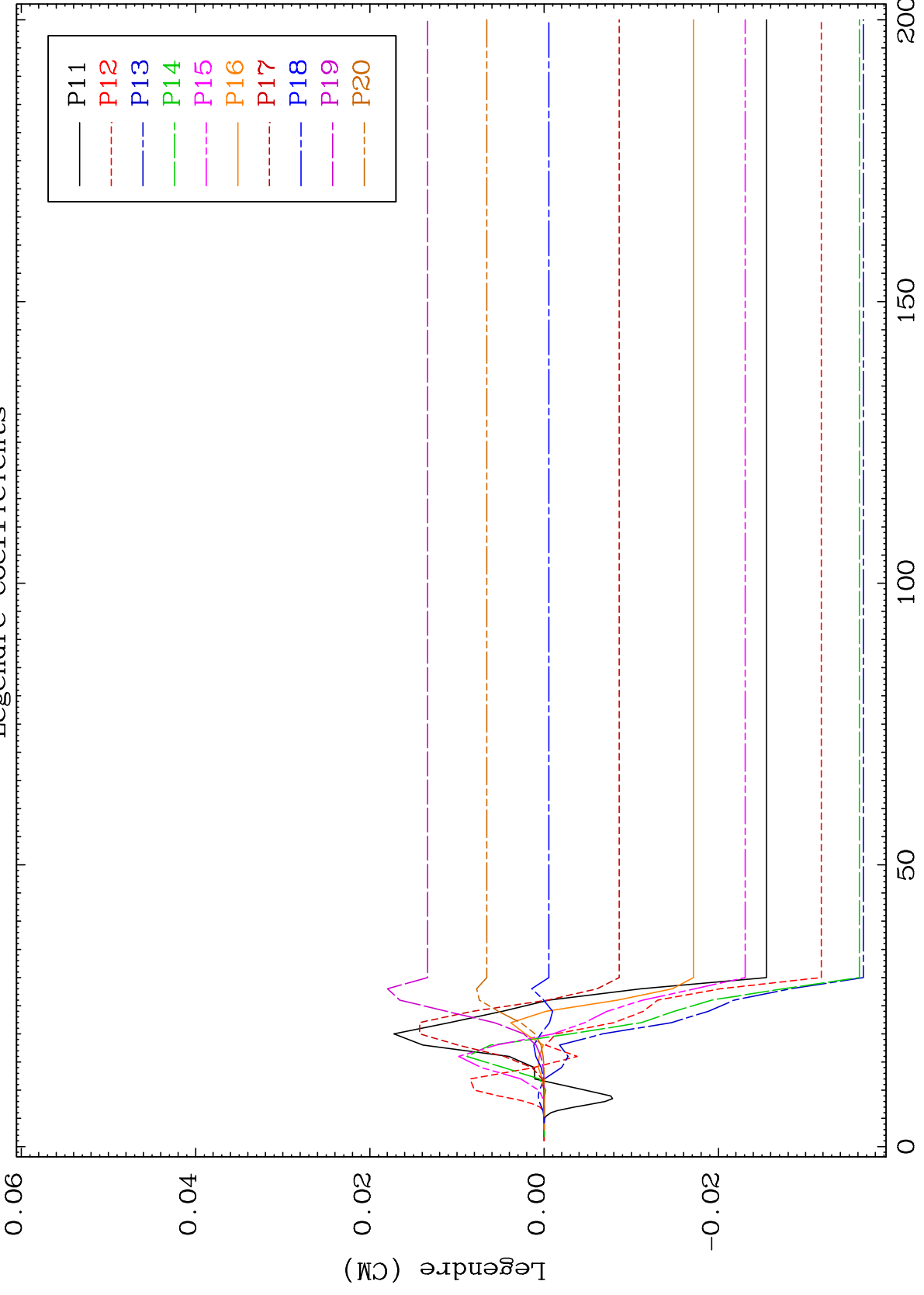


71

Incident Energy (MeV)

77-Ir-190

MAT 7722 MT= 65 (n,n') Level Legendre Coefficients 77-Ir-190

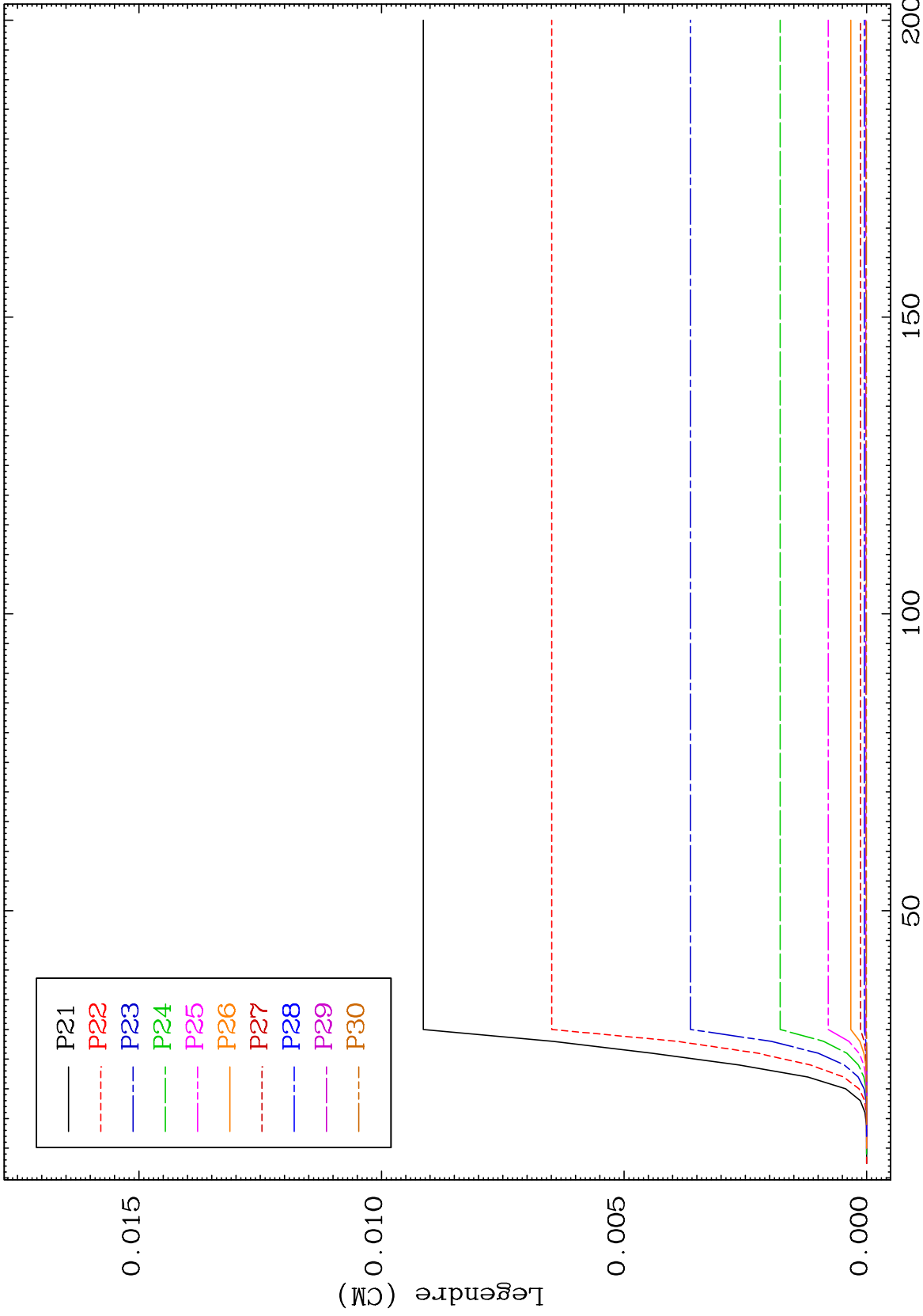


72 77-Ir-190

MAT 7722

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

77-Ir-190



73

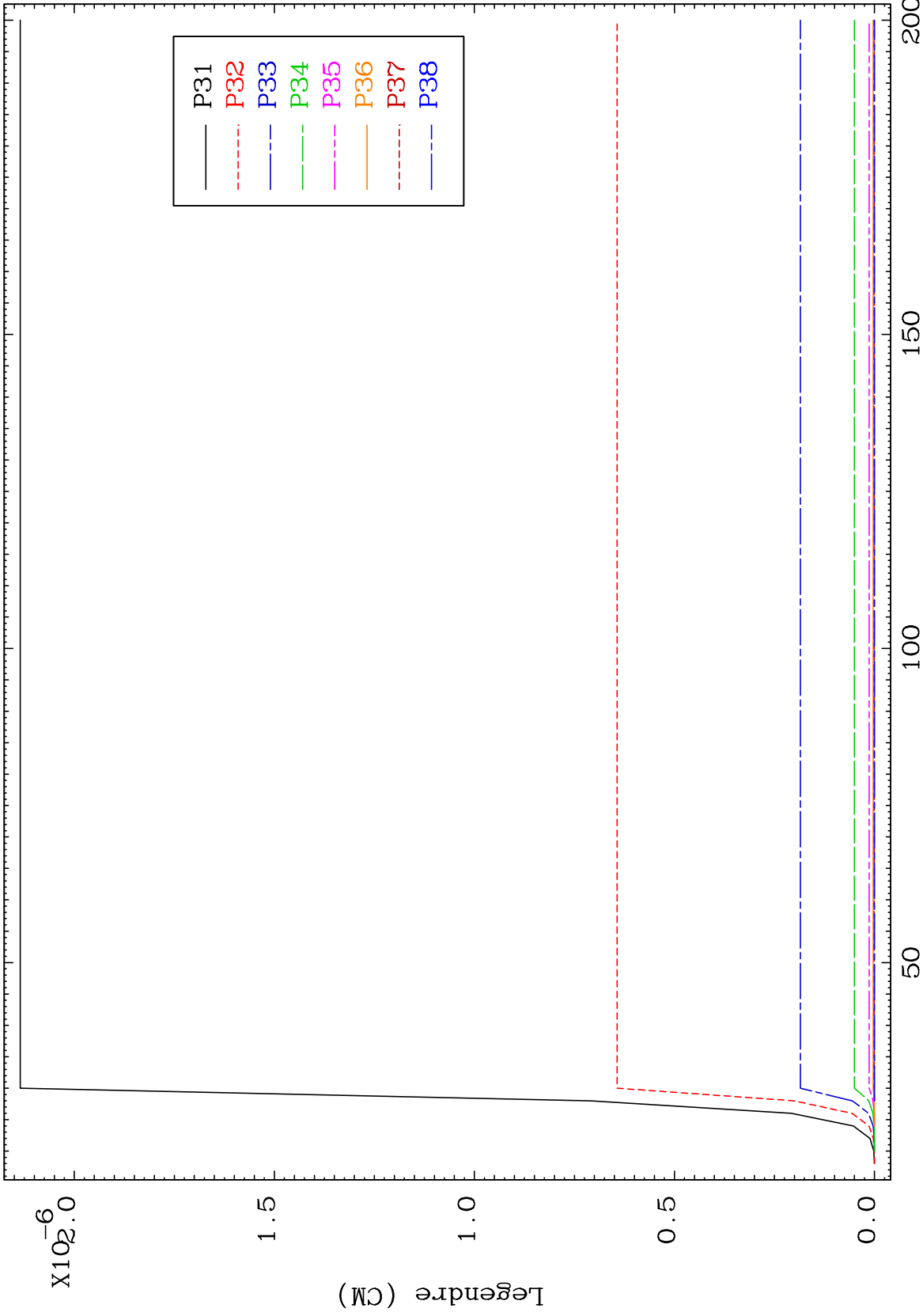
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

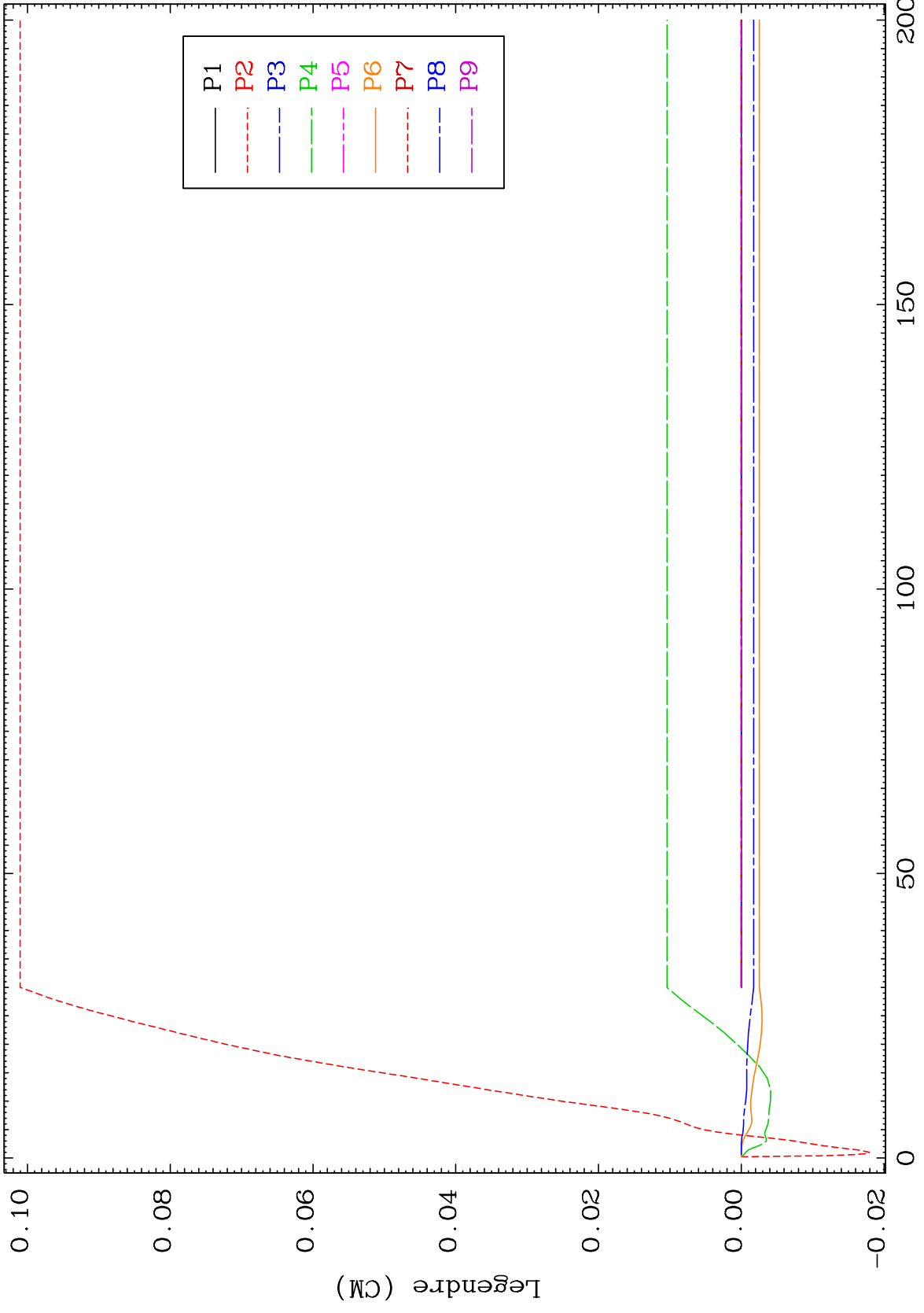


74

Incident Energy (MeV)

77-Ir-190

MAT 7722 MT= 66 (n,n') Level Legendre Coefficients 77-Ir-190

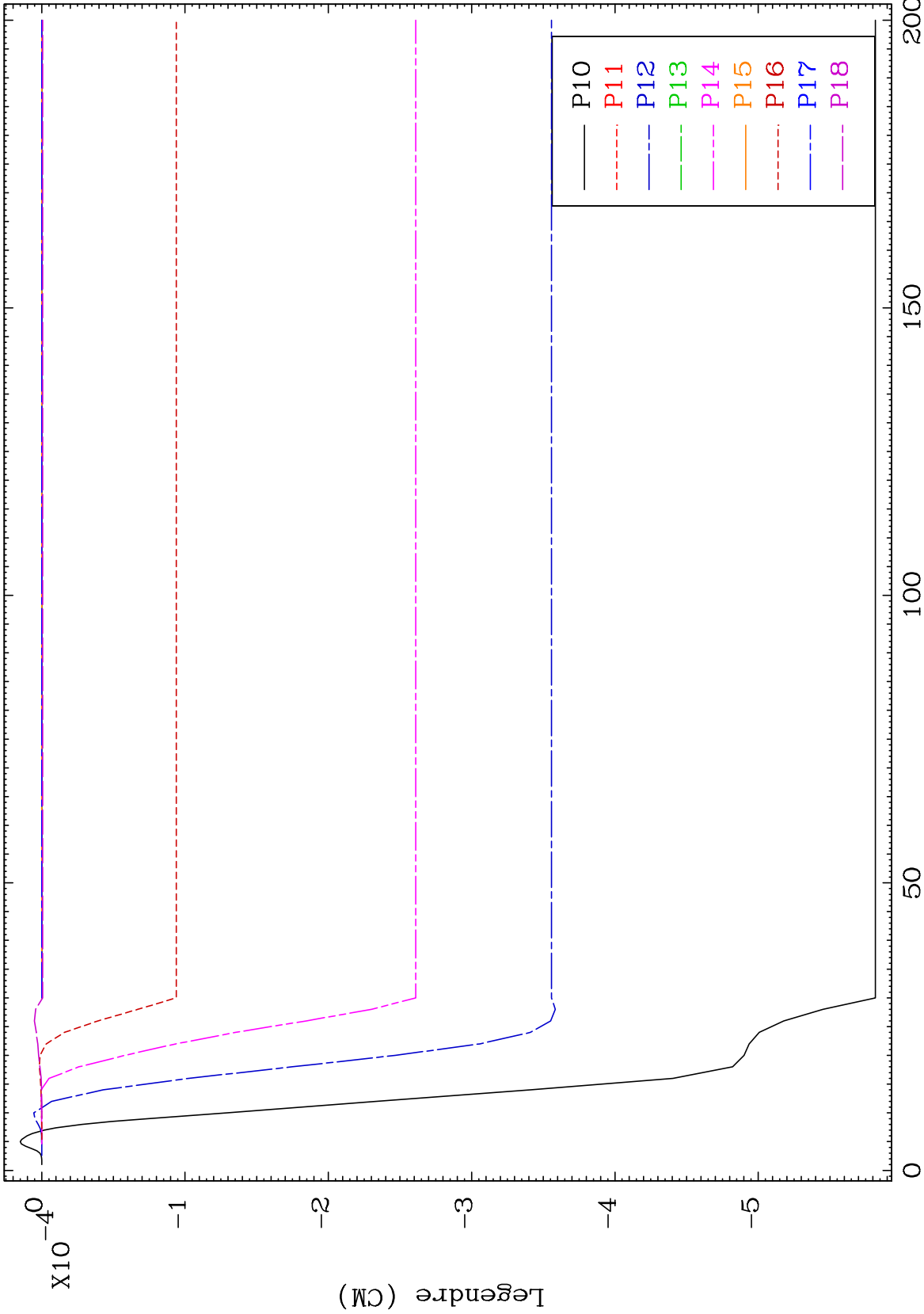


77-Ir-190

MAT 7722

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

77-Ir-190

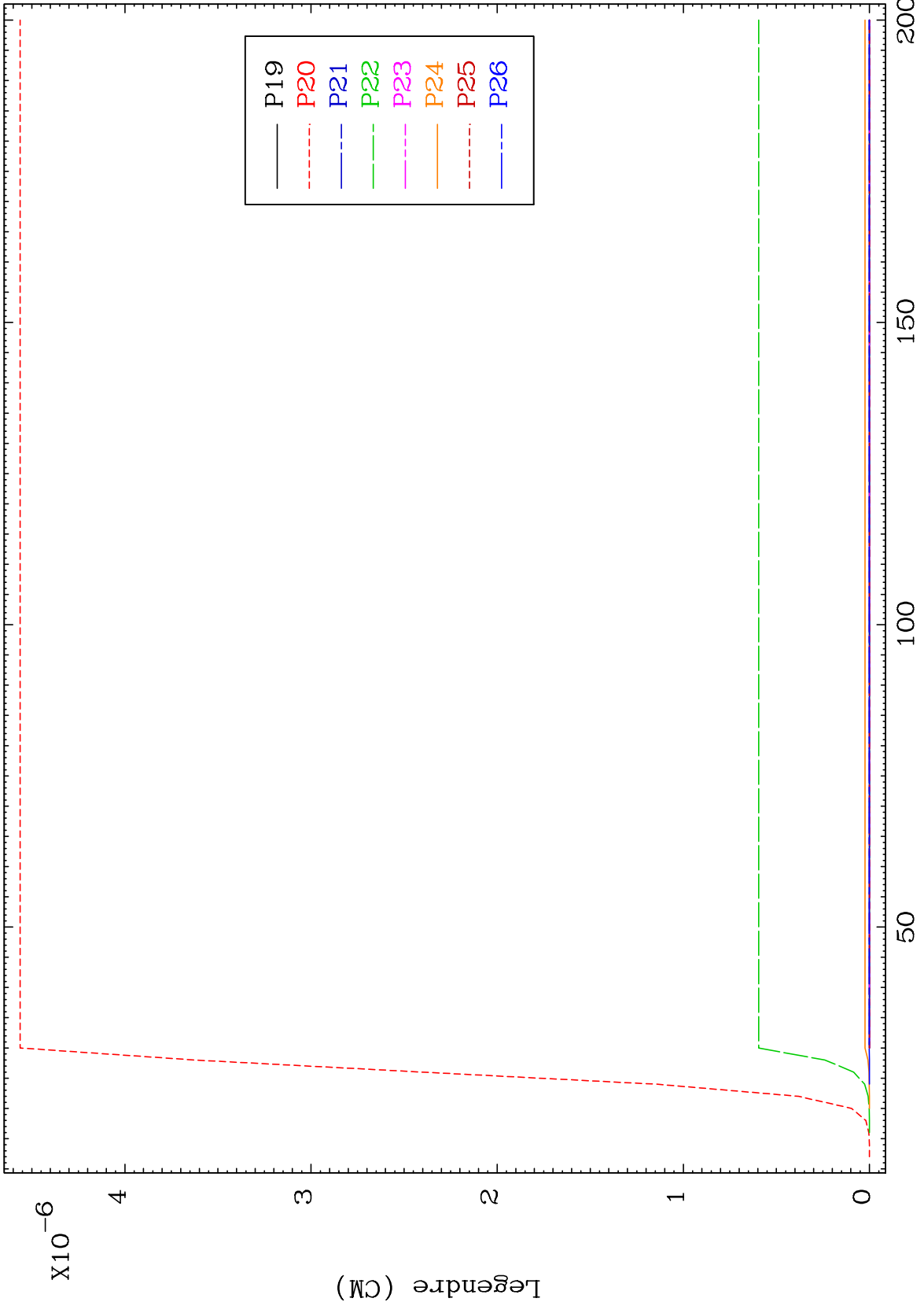


76

Incident Energy (MeV)

77-Ir-190

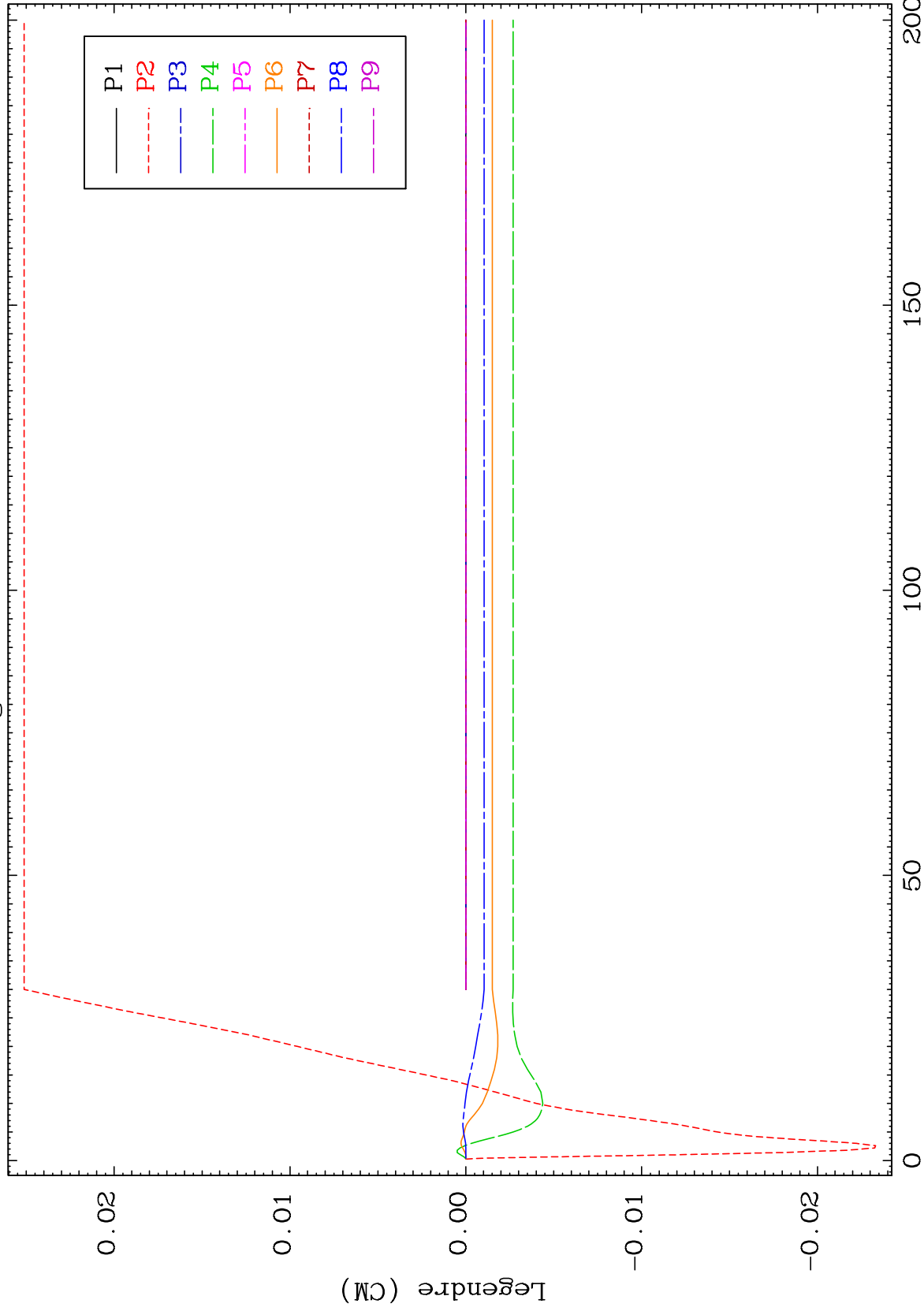
MAT 7722 MT= 66 (n,n') Level Legendre Coefficients 77-Ir-190



MAT 7722

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

77-Ir-190



78

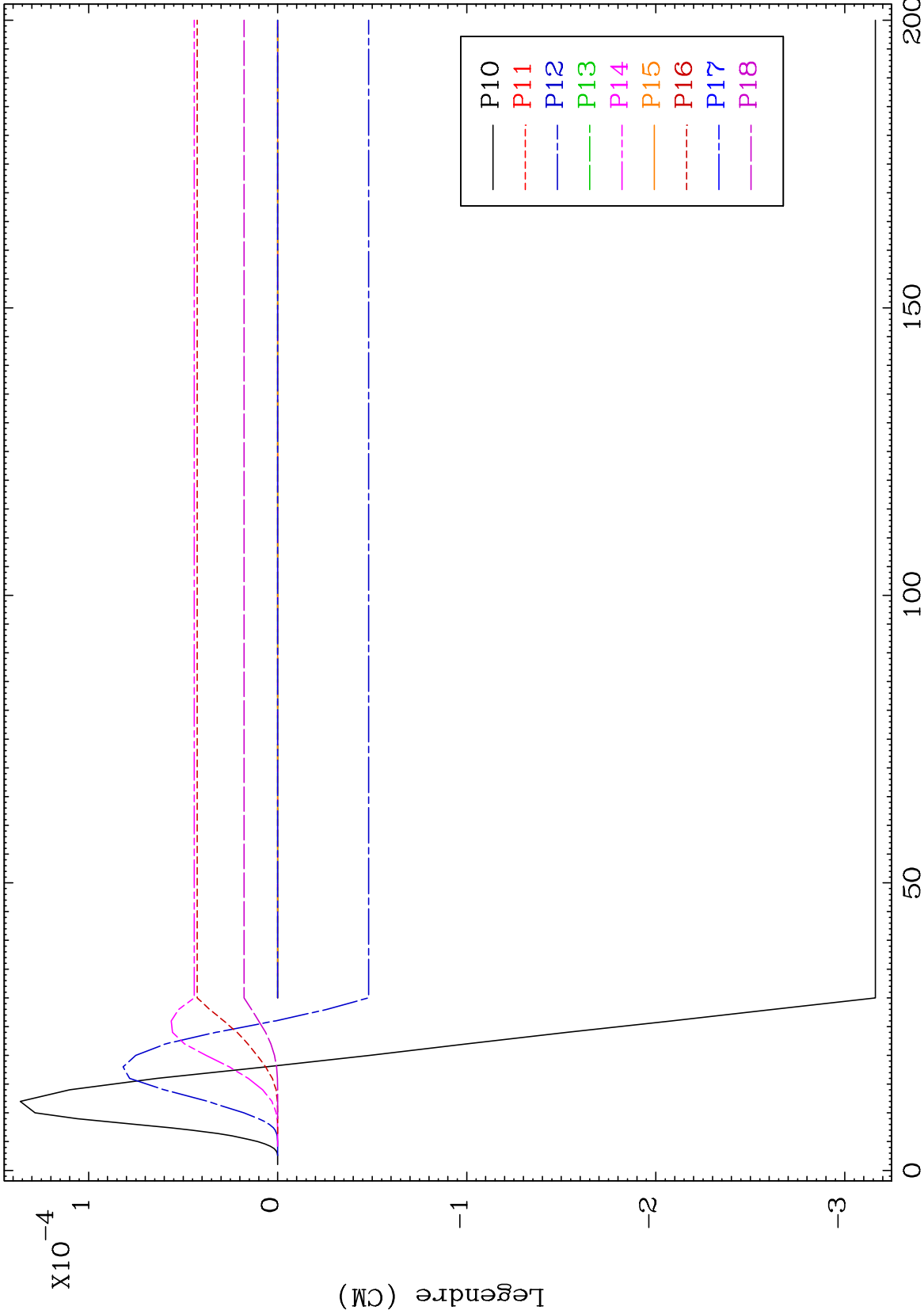
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

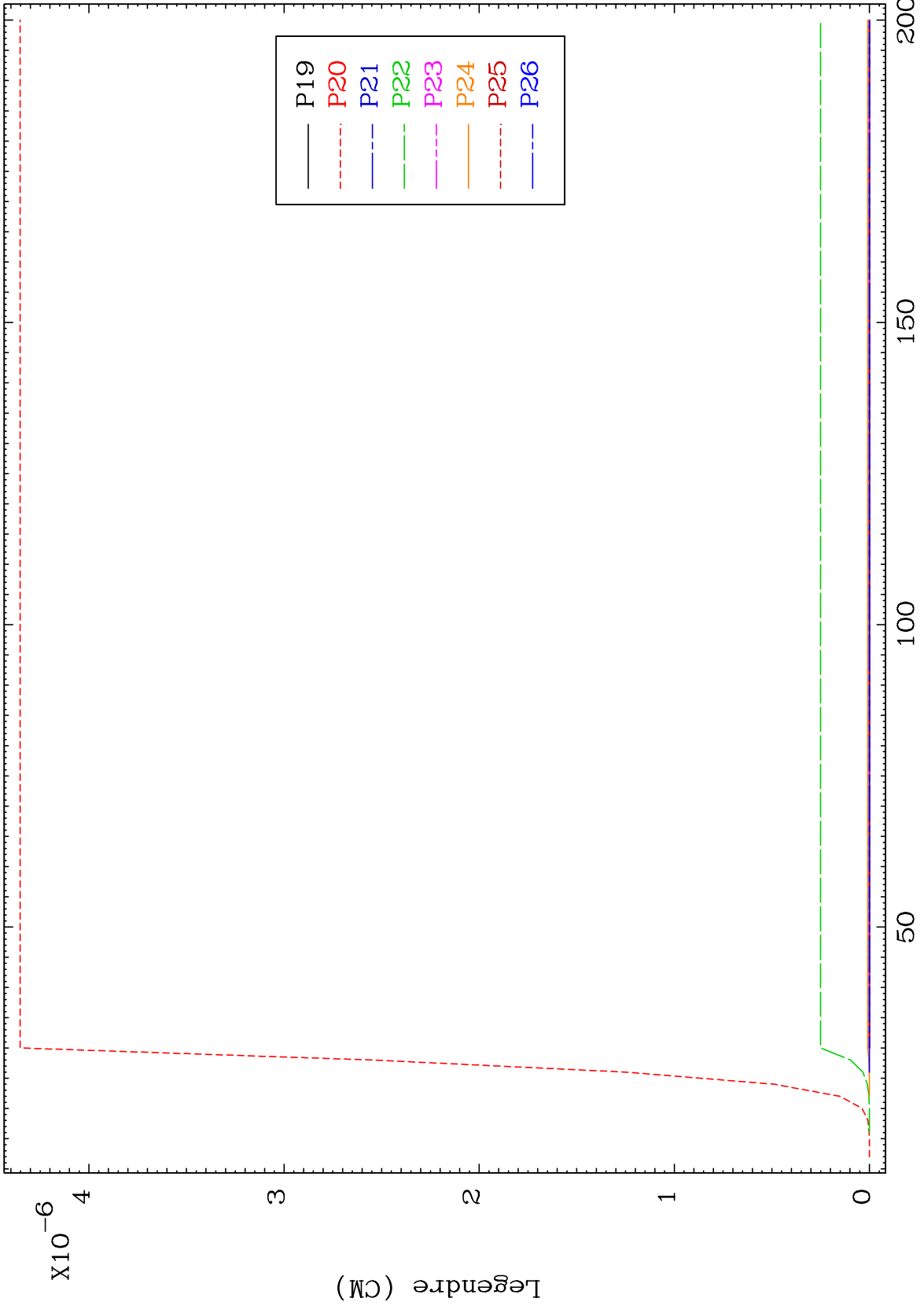


79

Incident Energy (MeV)

77-Ir-190

MAT 7722 MT= 67 (n,n') Level Legendre Coefficients 77-Ir-190

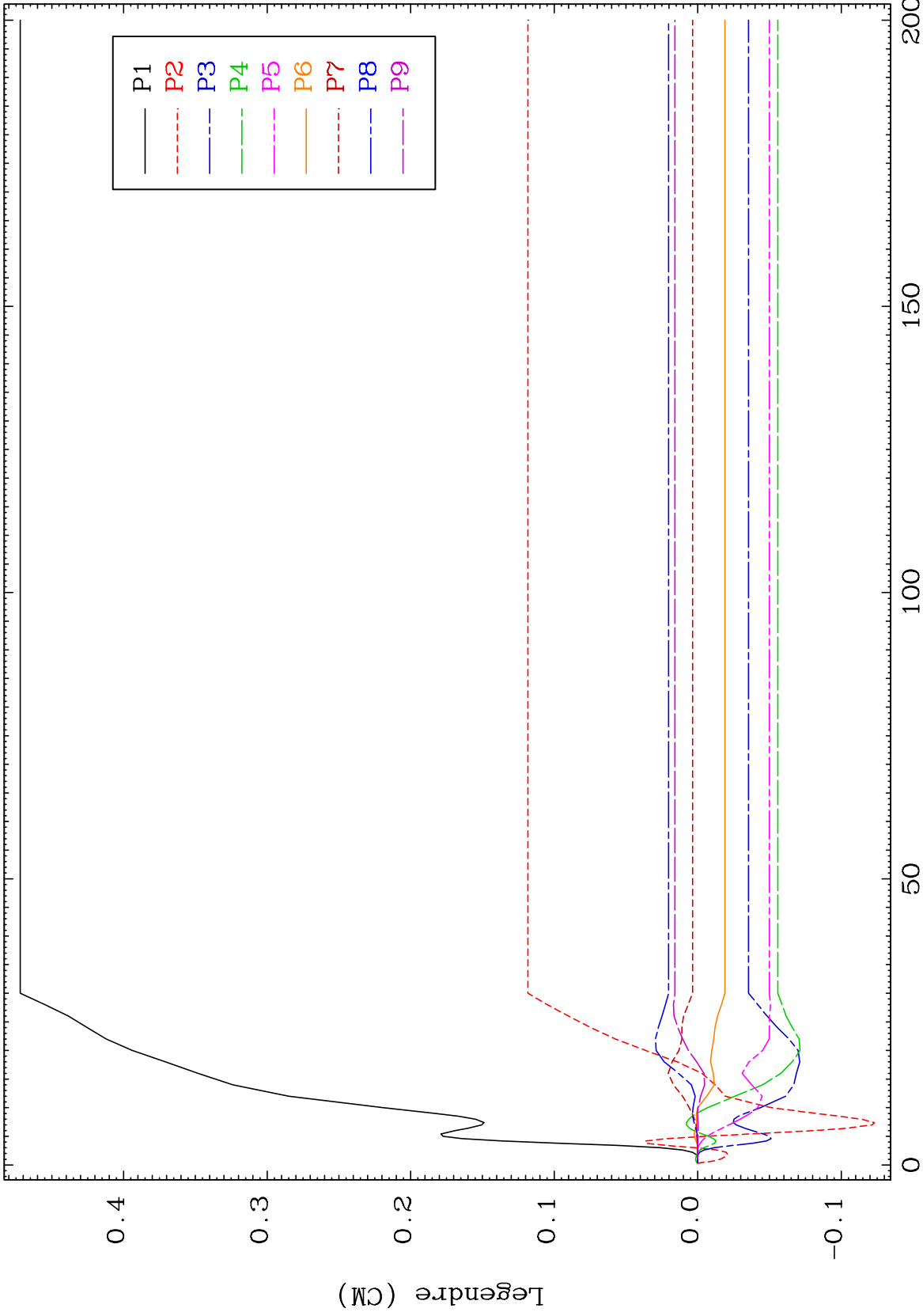


77-Ir-190

MAT 7722

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

77-Ir-190



81

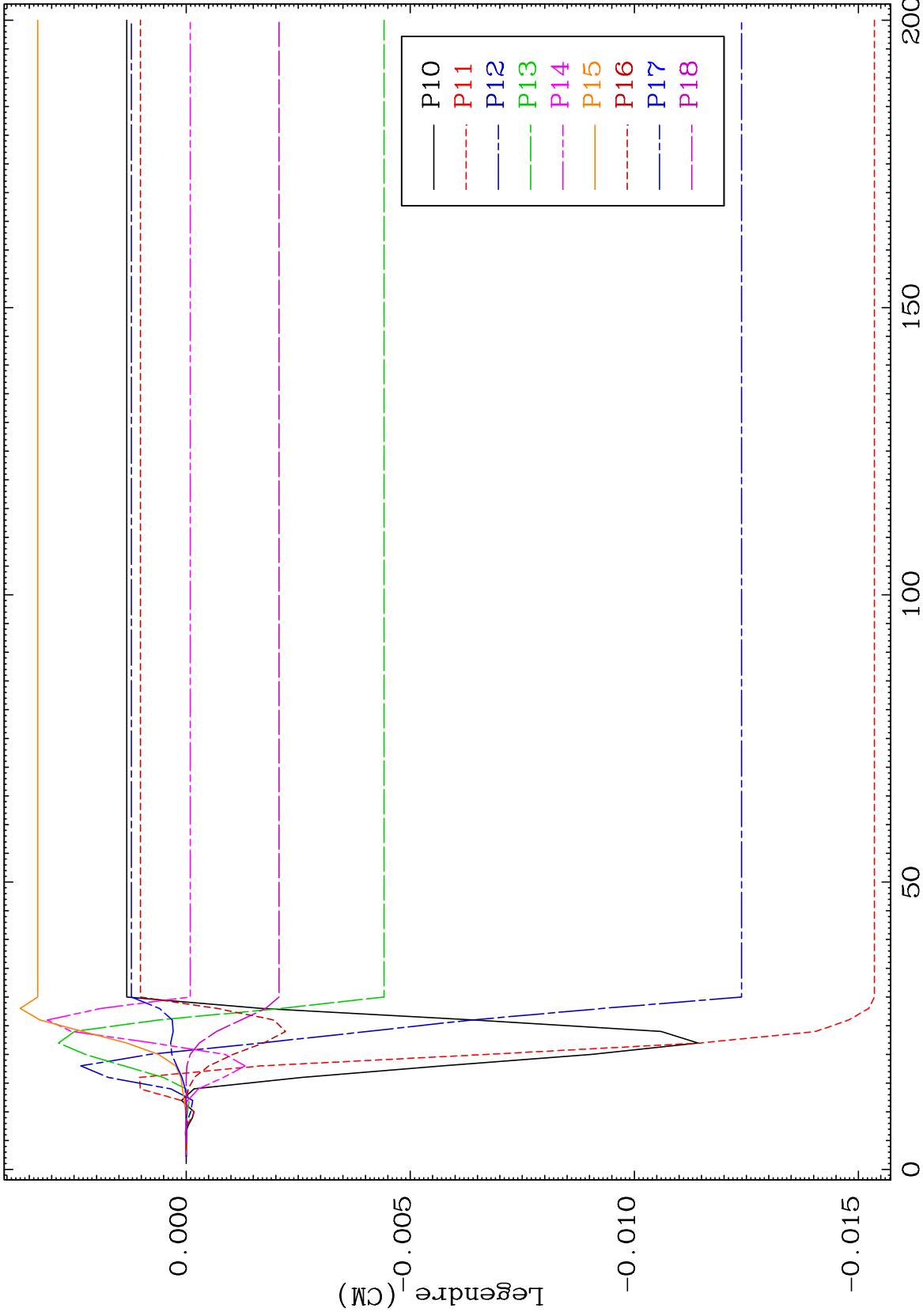
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



82

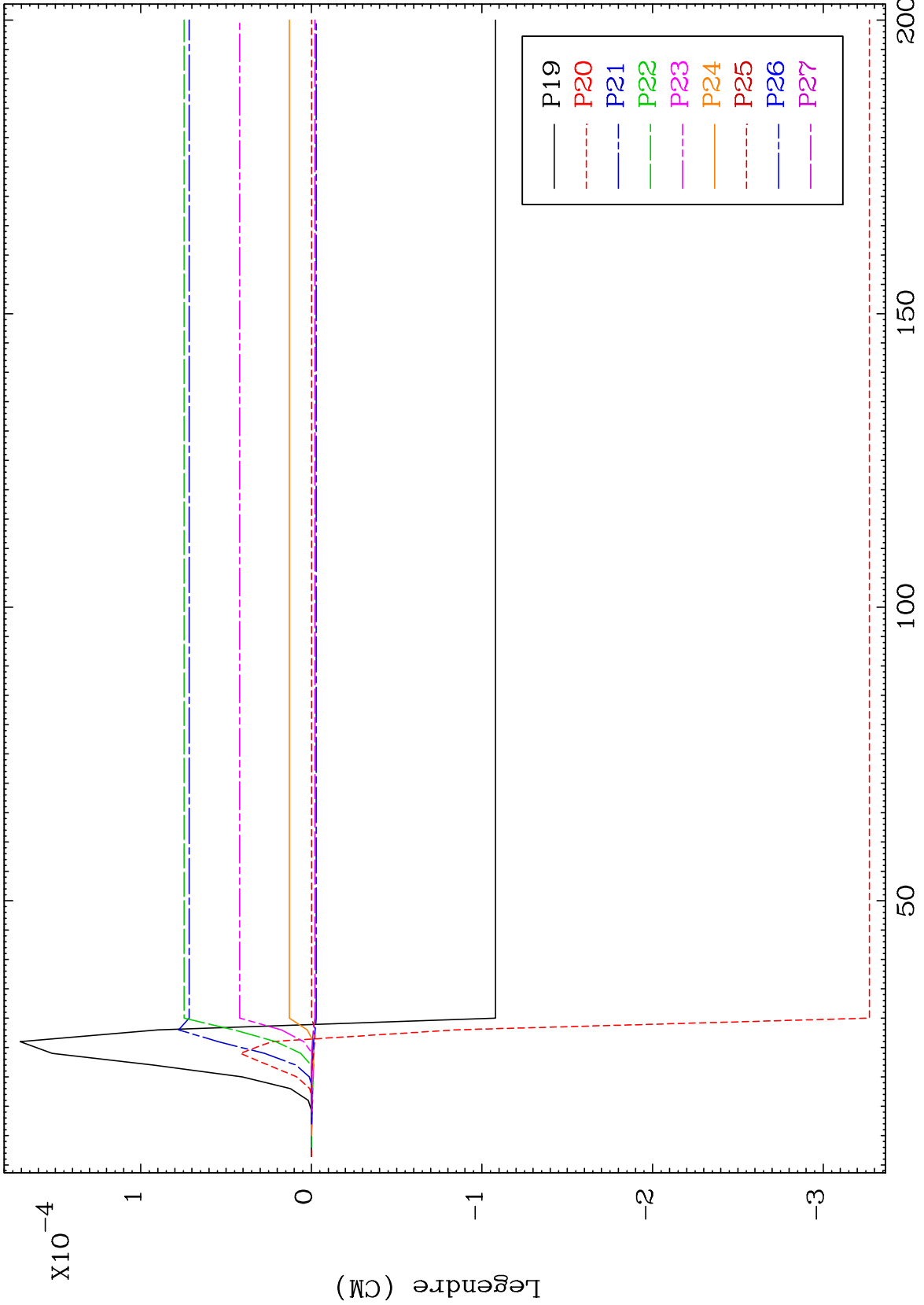
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

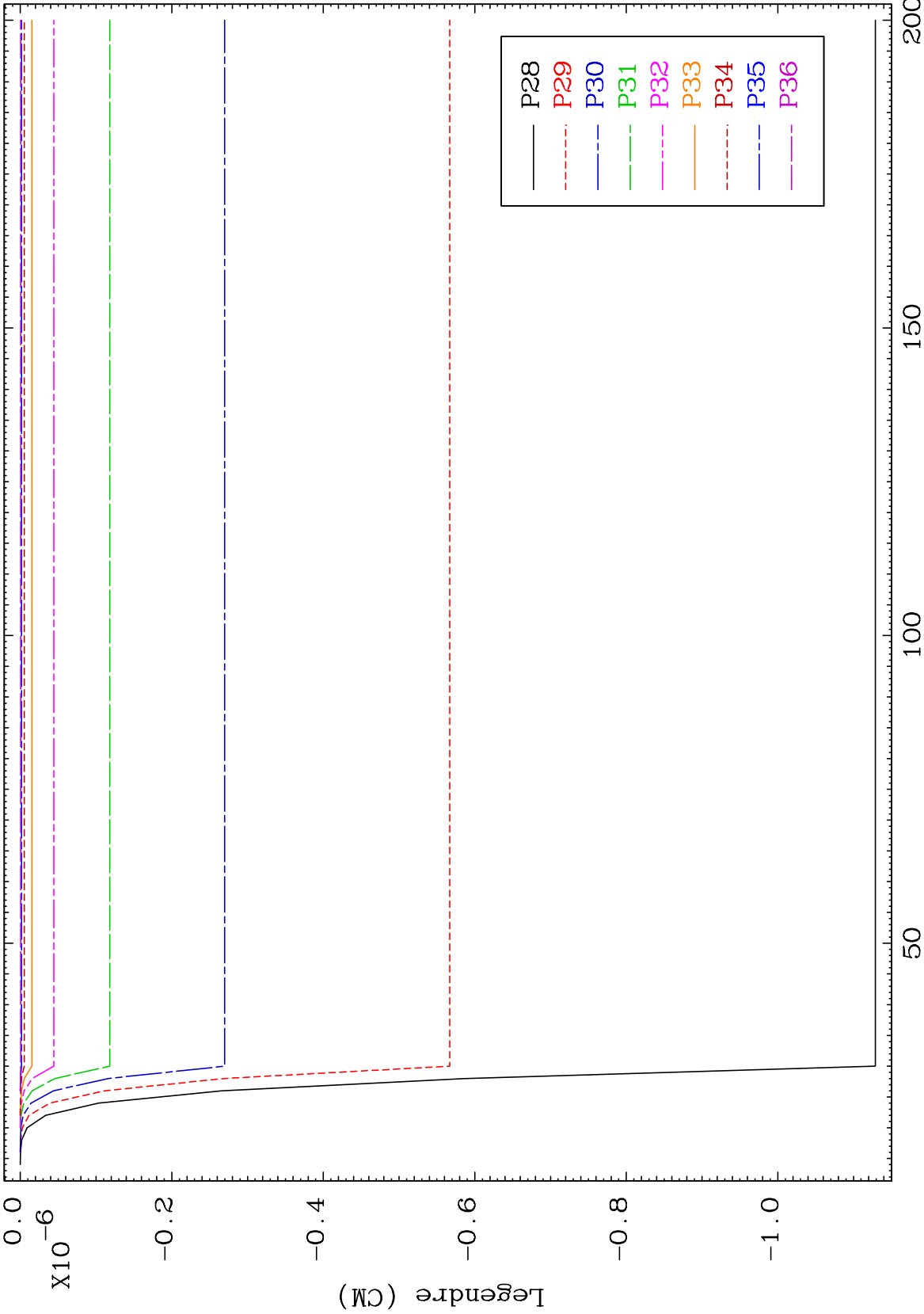


83

Incident Energy (MeV)

77-Ir-190

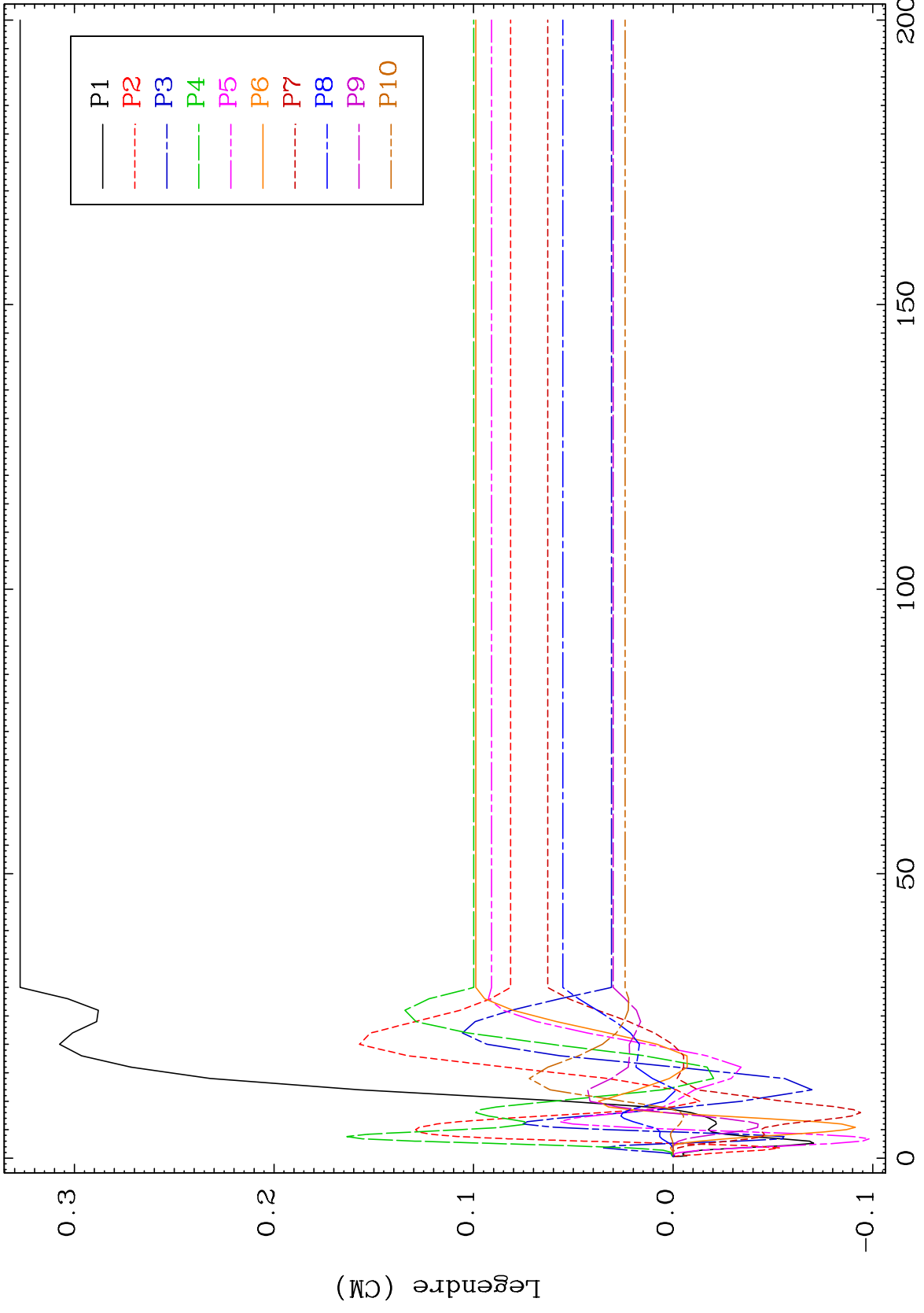
MAT 7722 MT= 68 (n,n') Level Legendre Coefficients 77-Ir-190



MAT 7722

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

77-Ir-190



85

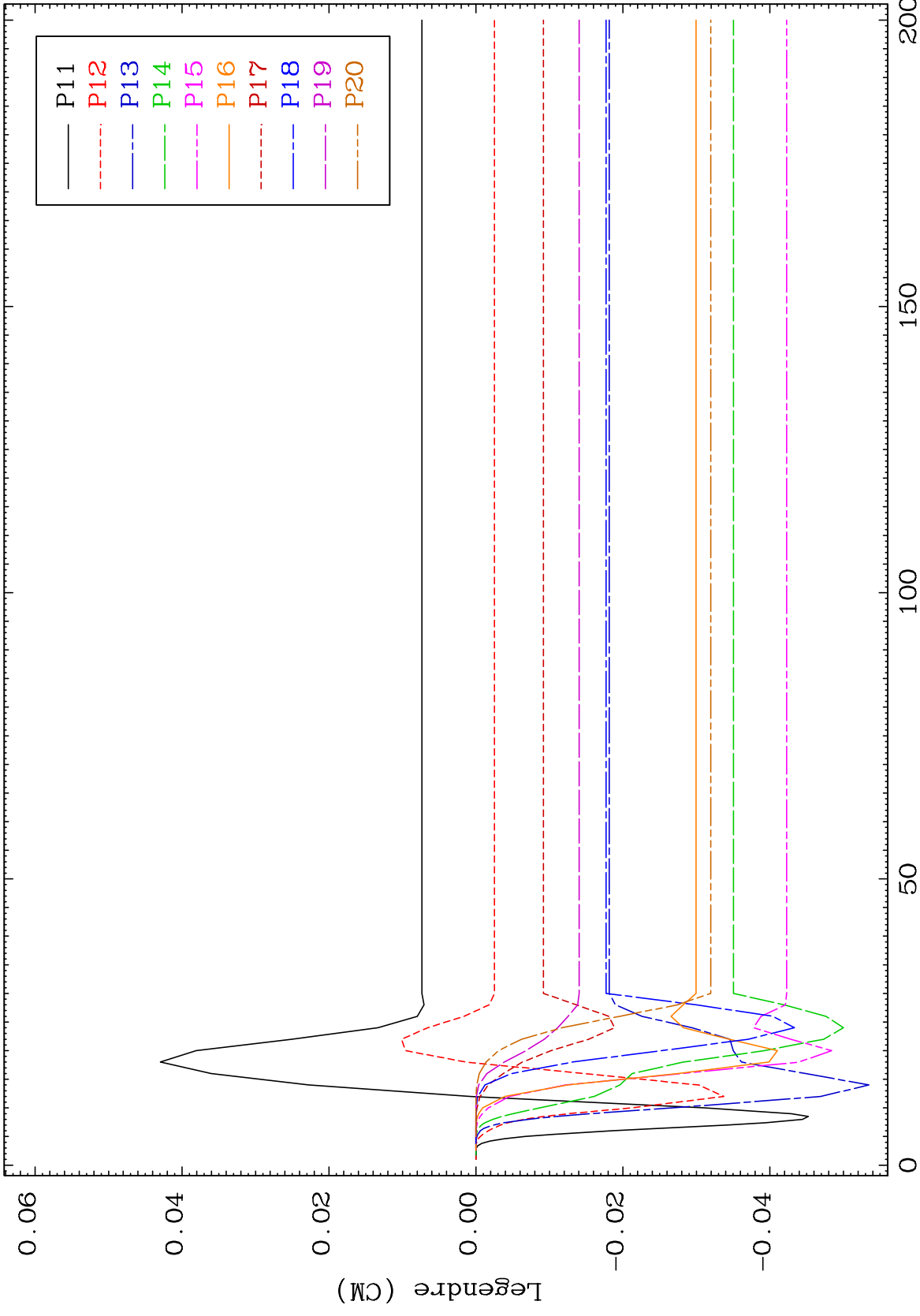
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



86

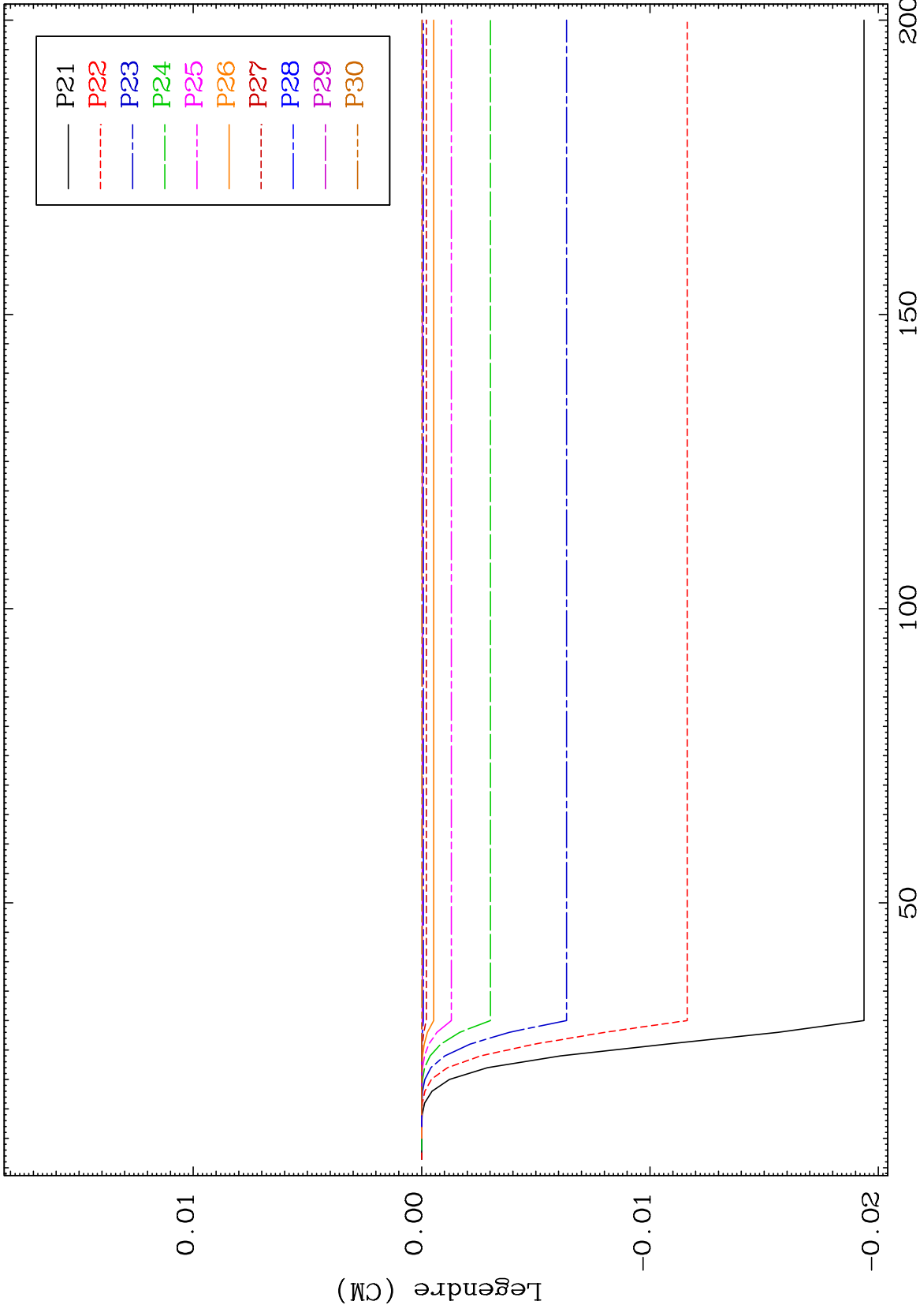
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



87

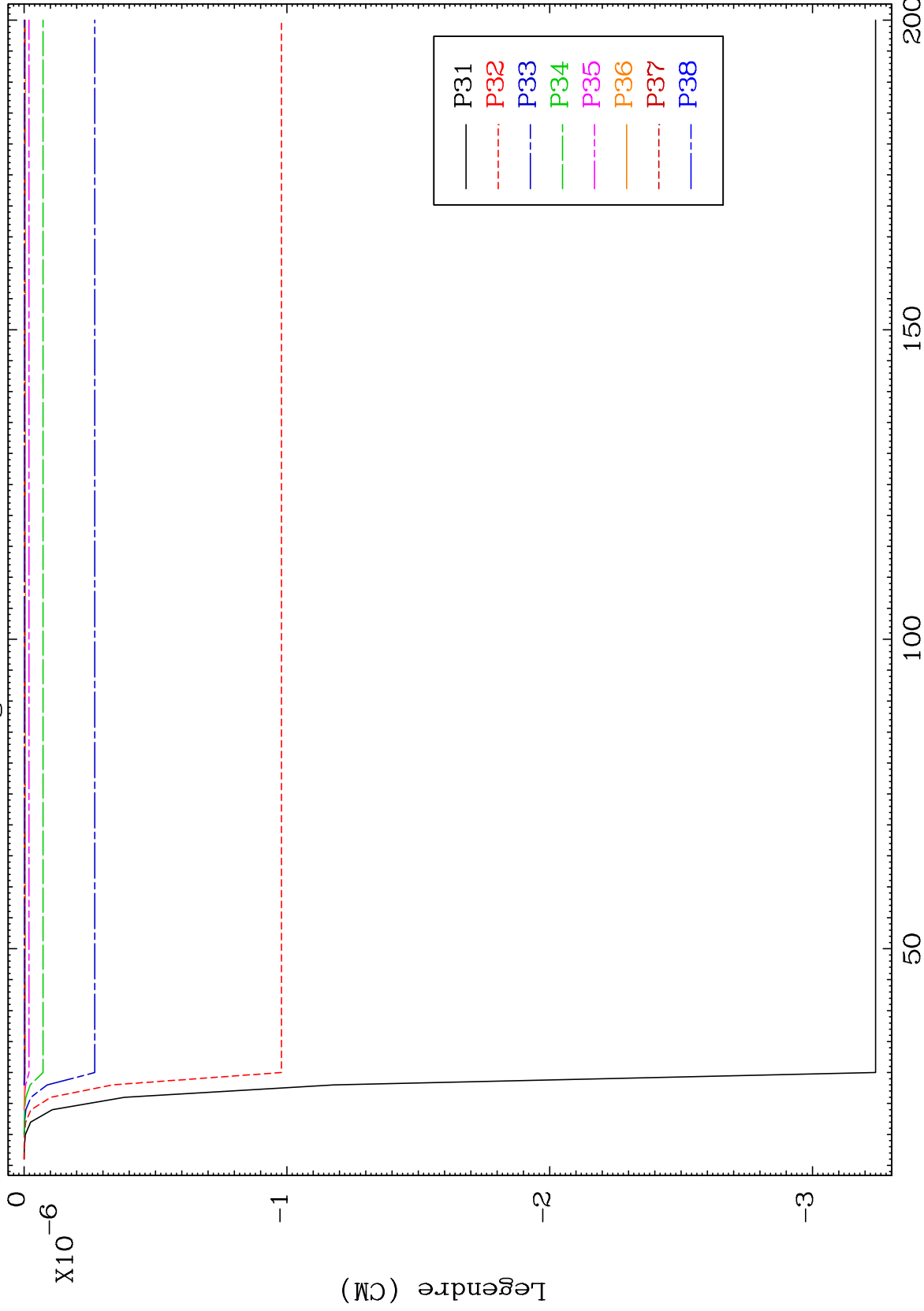
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

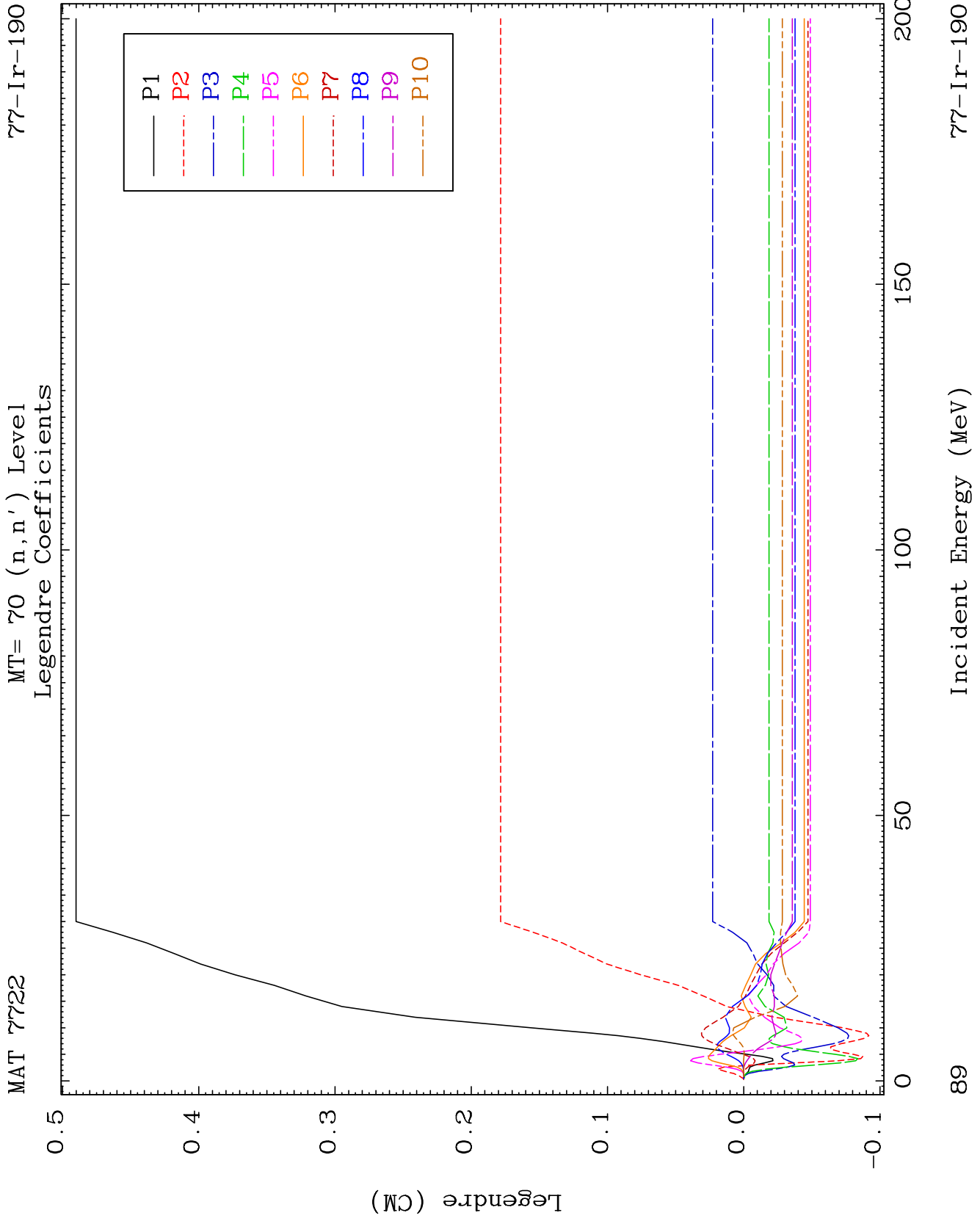
77-Ir-190



77-Ir-190

Incident Energy (MeV)

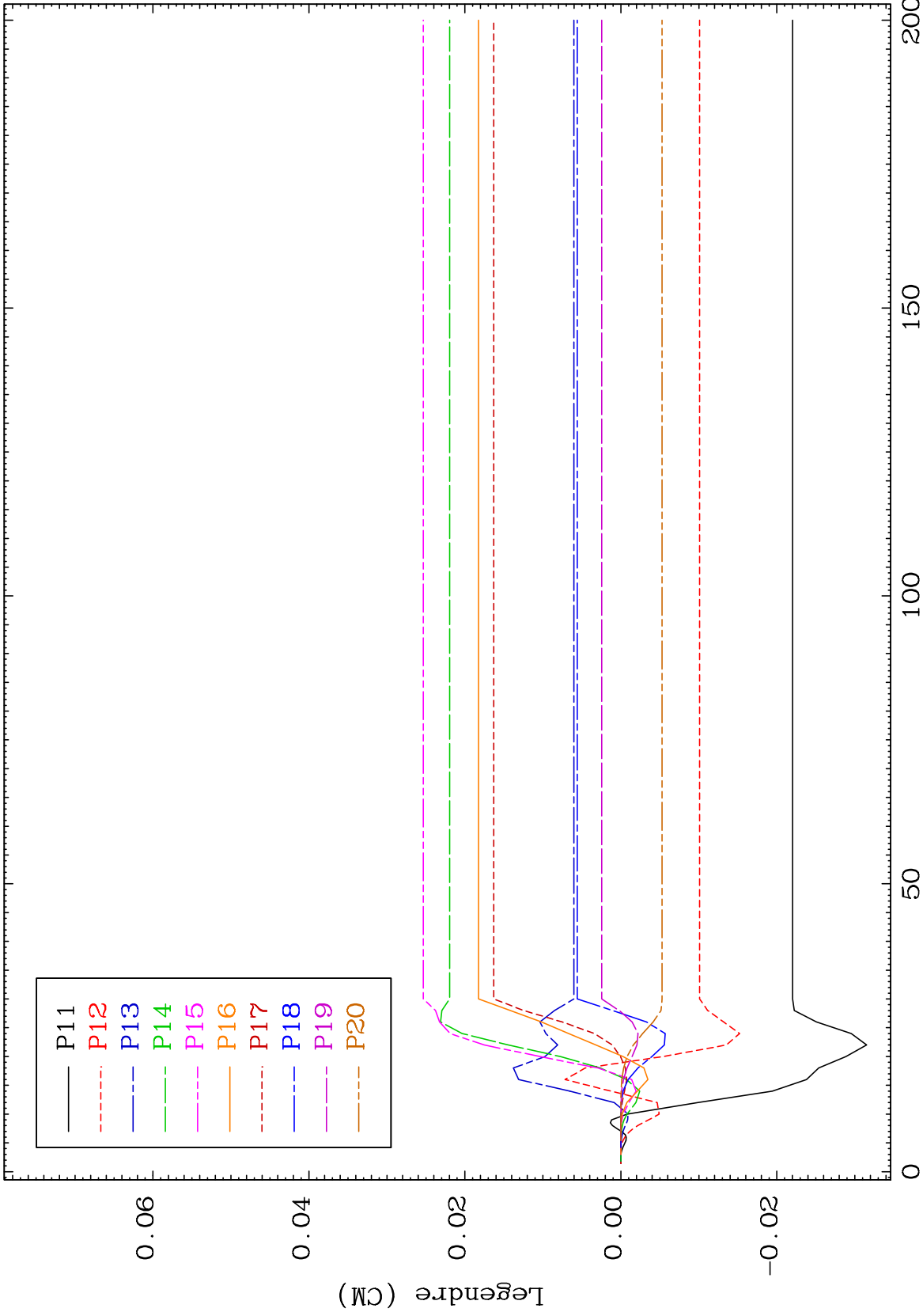
88



MAT 7722

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

77-Ir-190



90

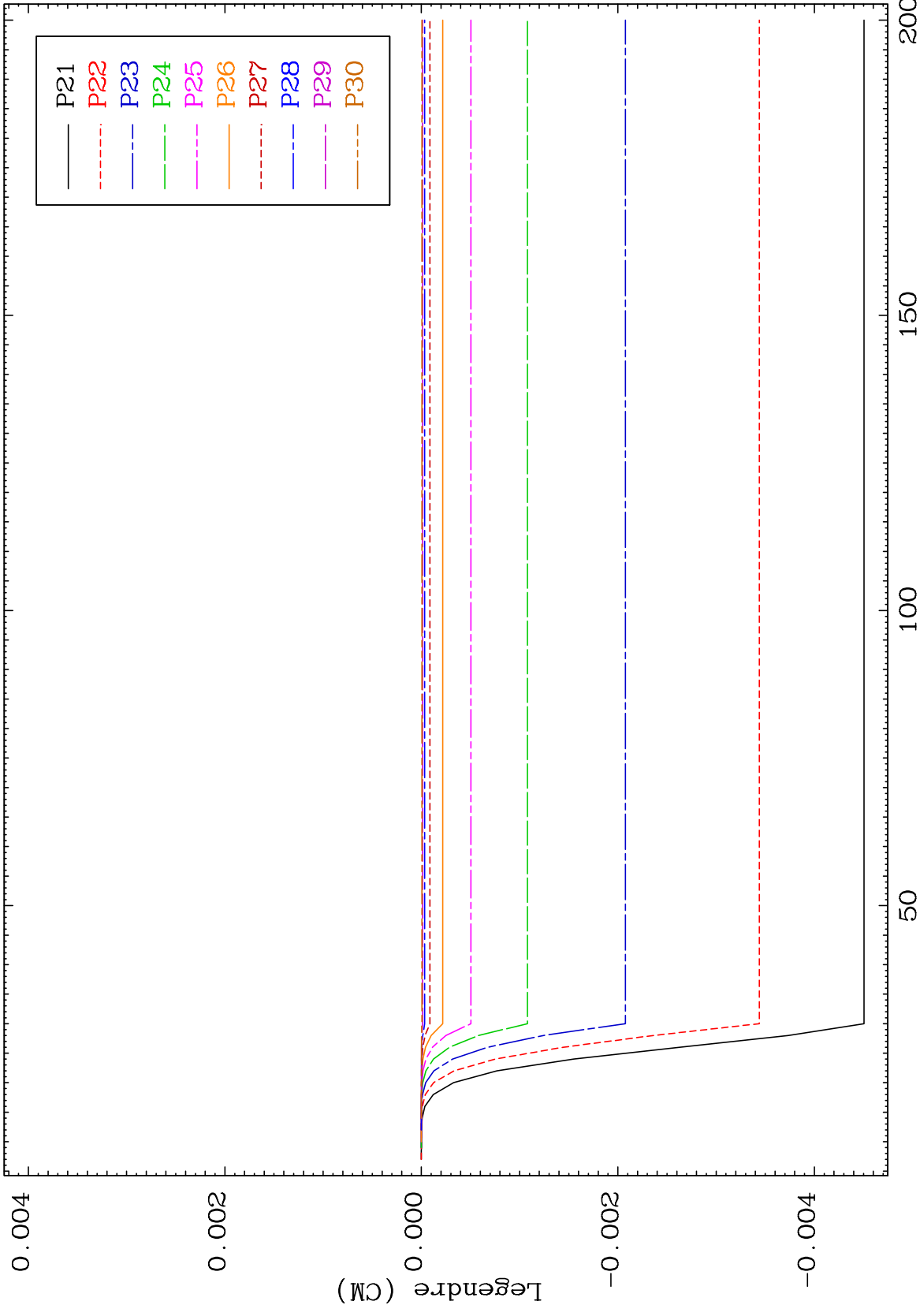
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



91

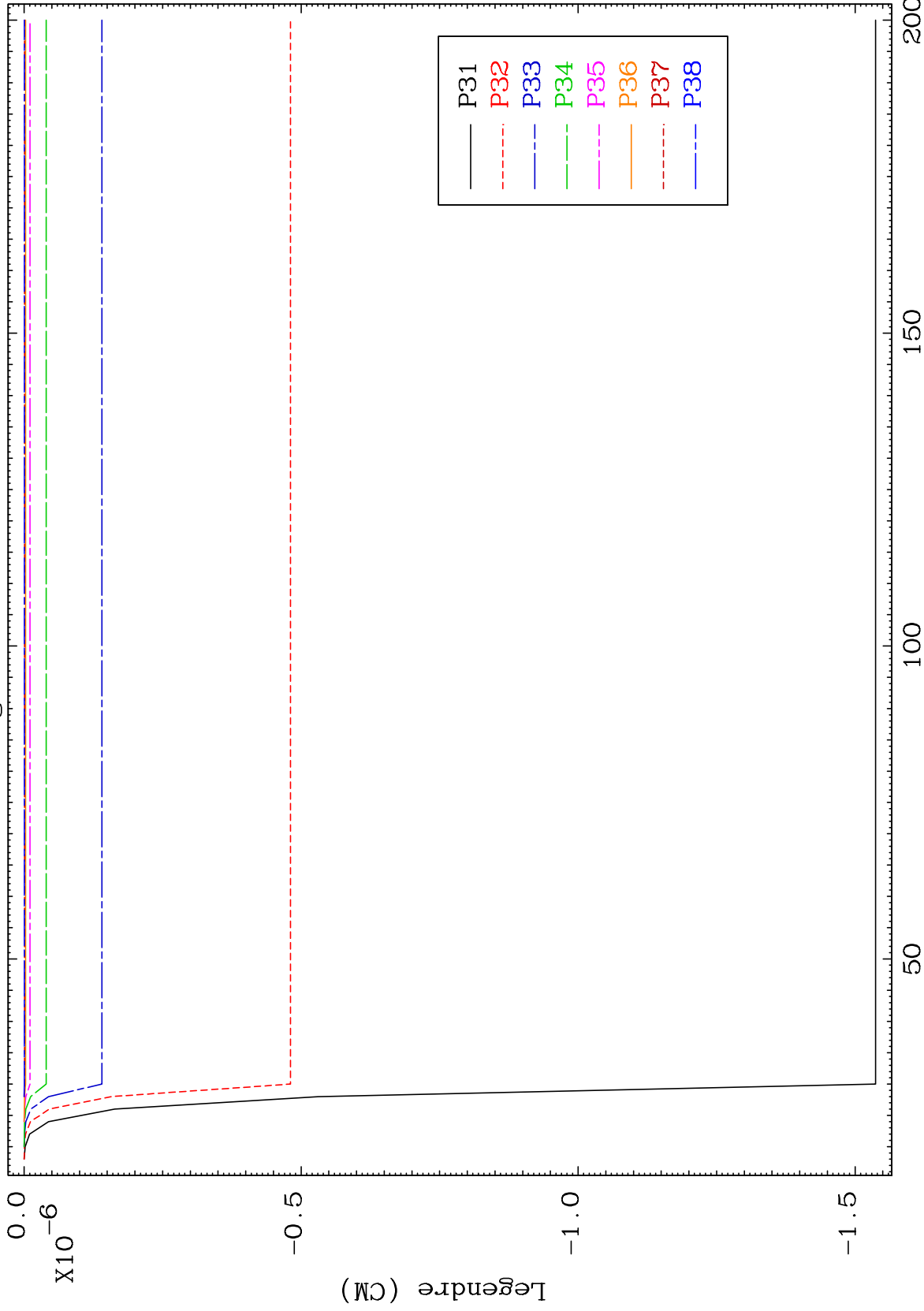
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

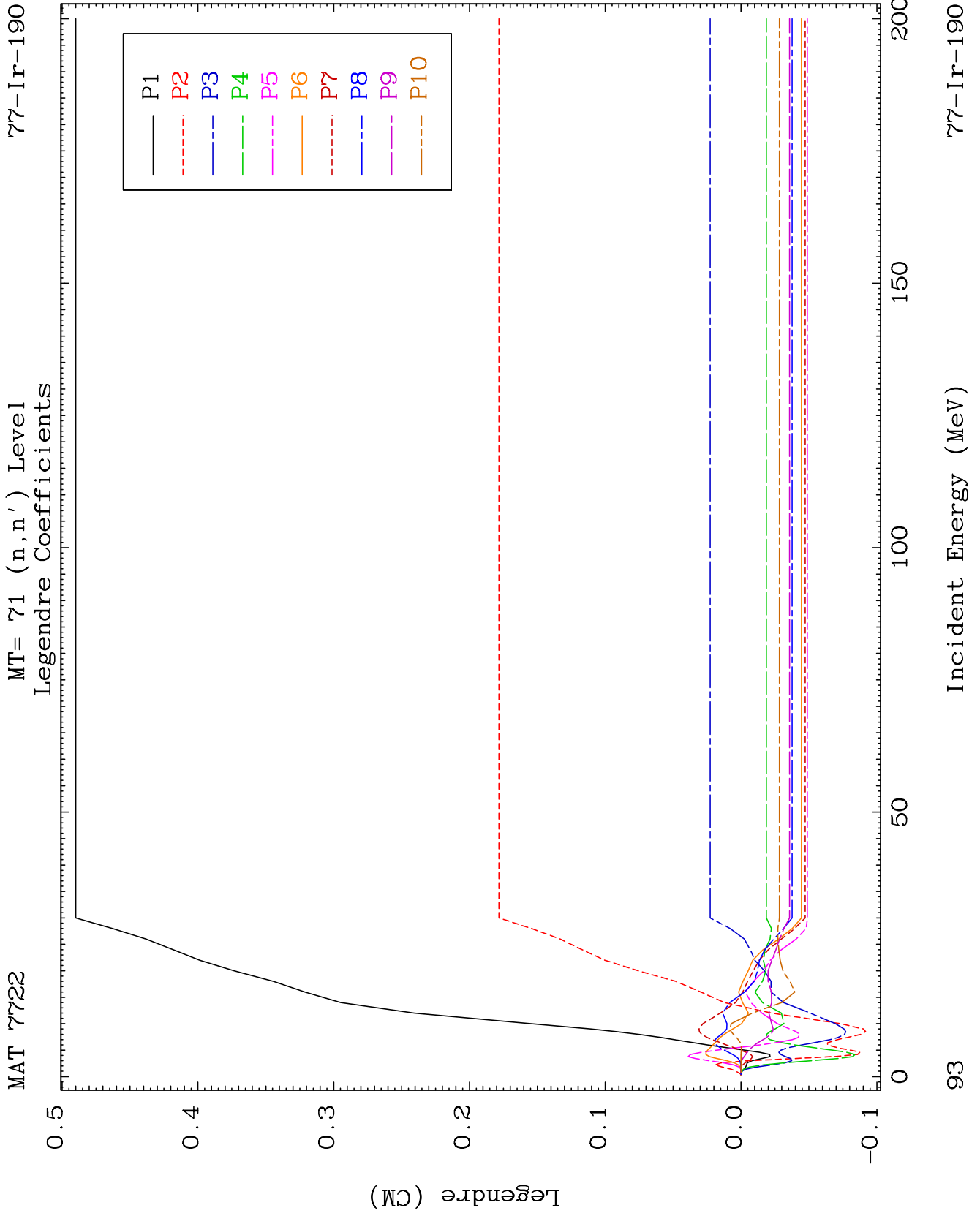
77-Ir-190



77-Ir-190

Incident Energy (MeV)

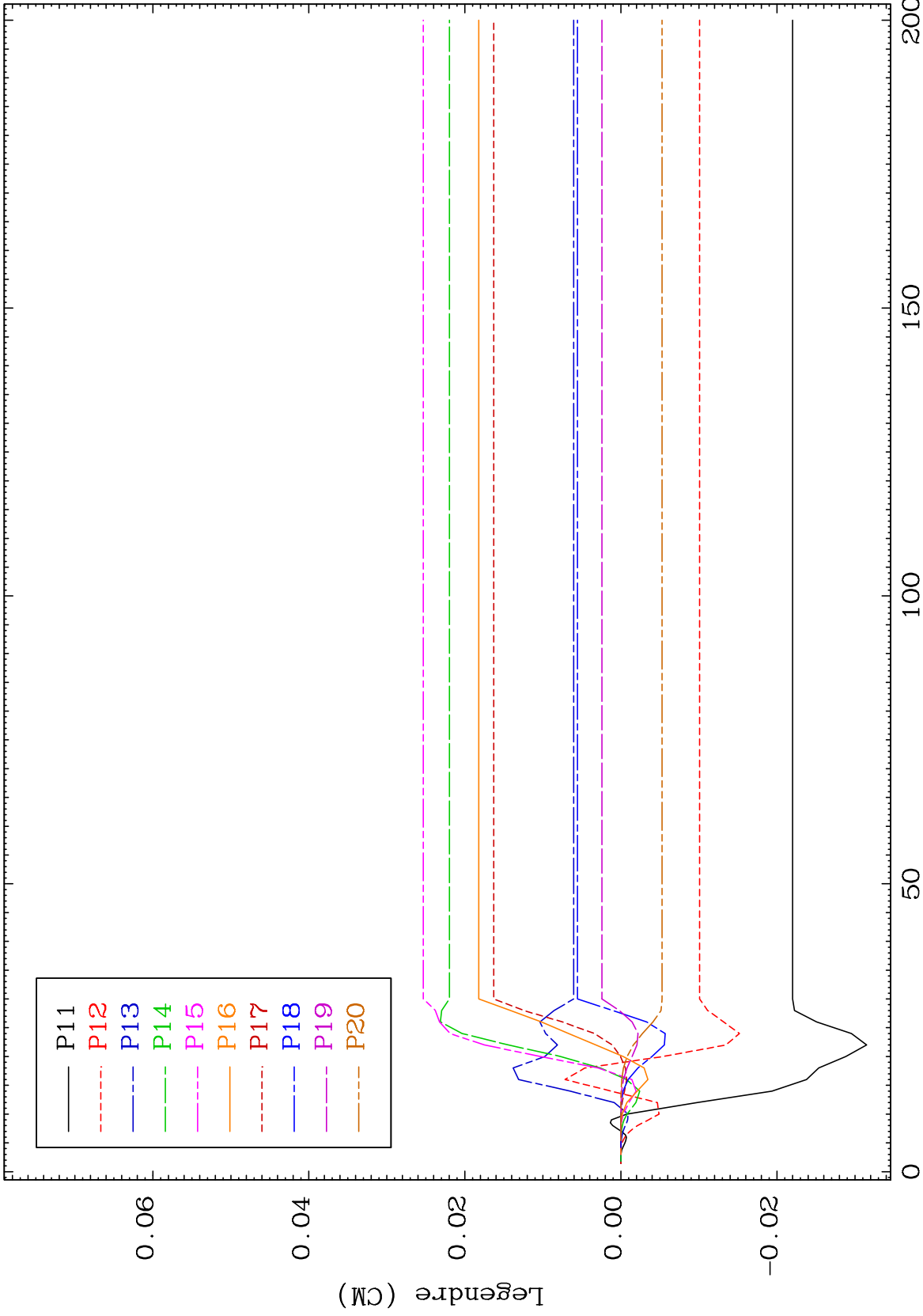
92



MAT 7722

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

77-Ir-190



94

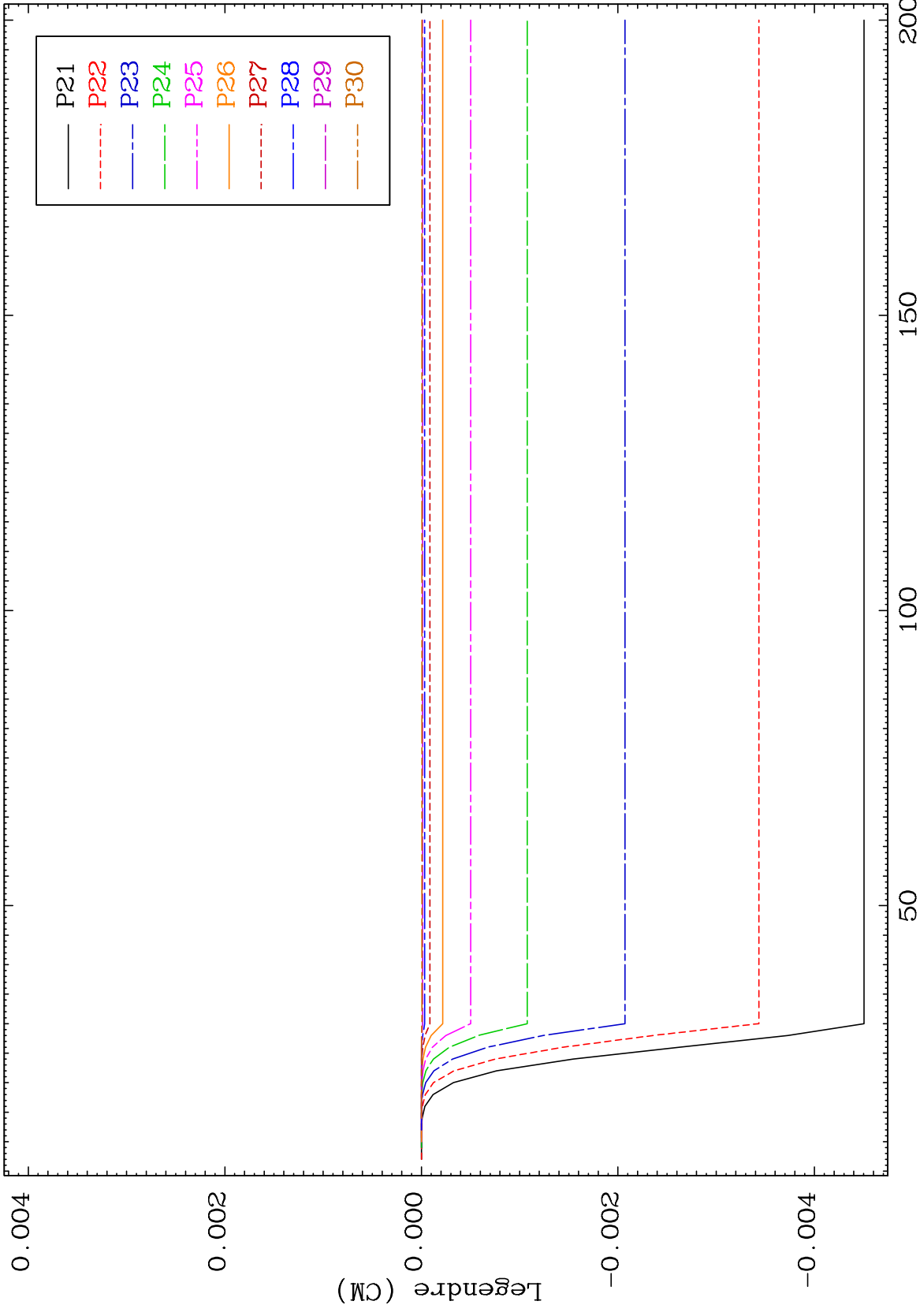
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



95

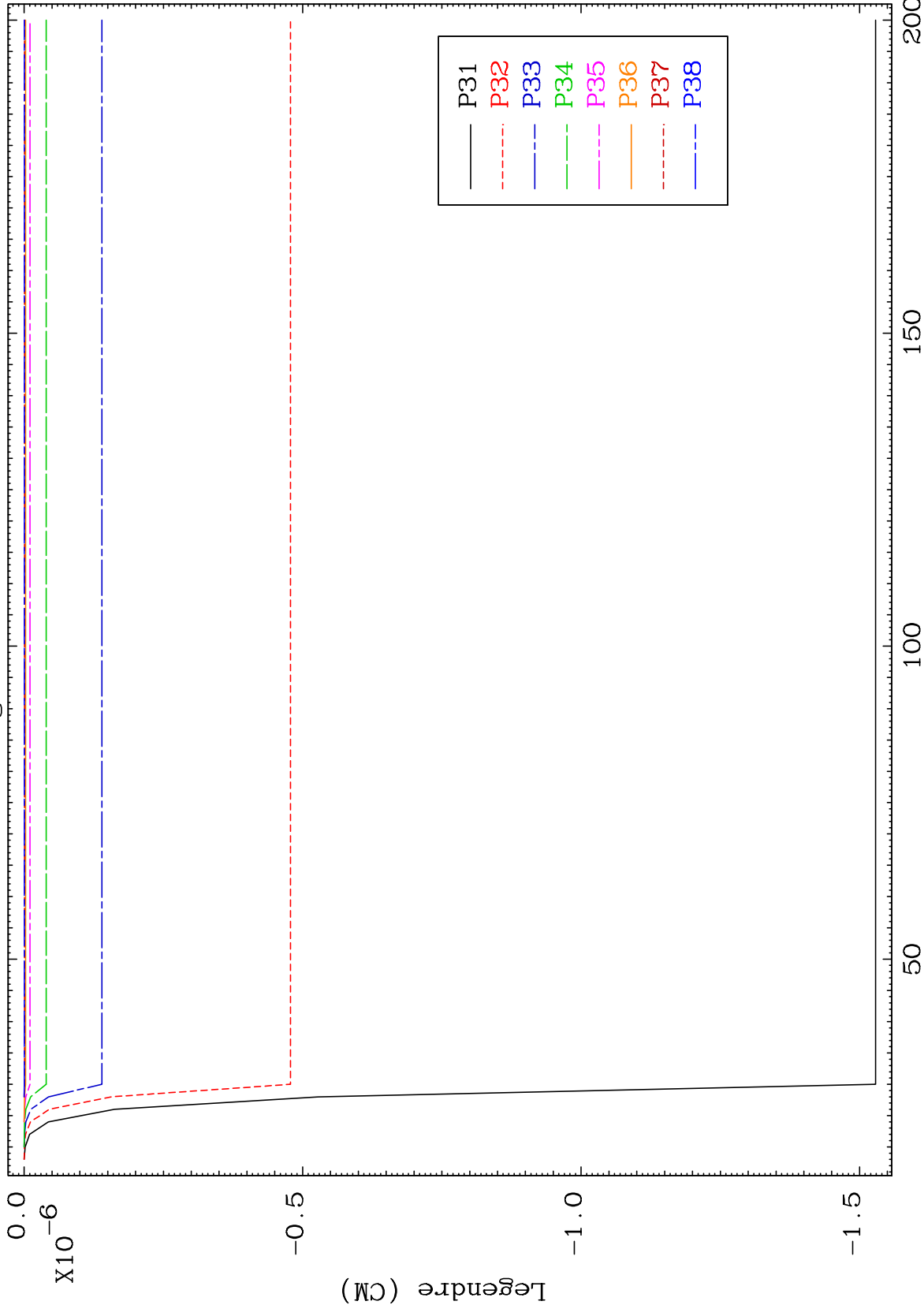
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



77-Ir-190

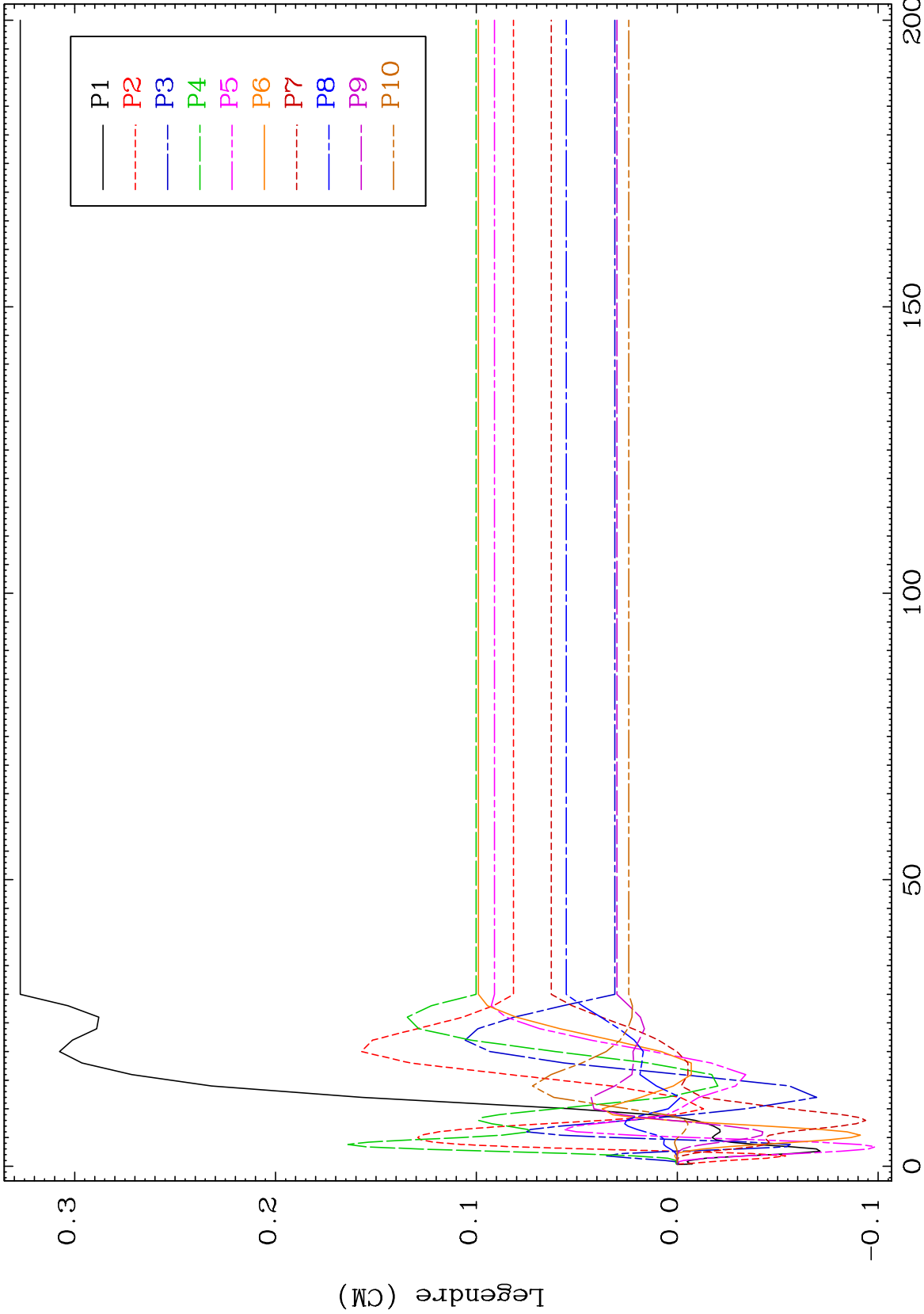
Incident Energy (MeV)

96

MAT 7722

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

77-Ir-190



97

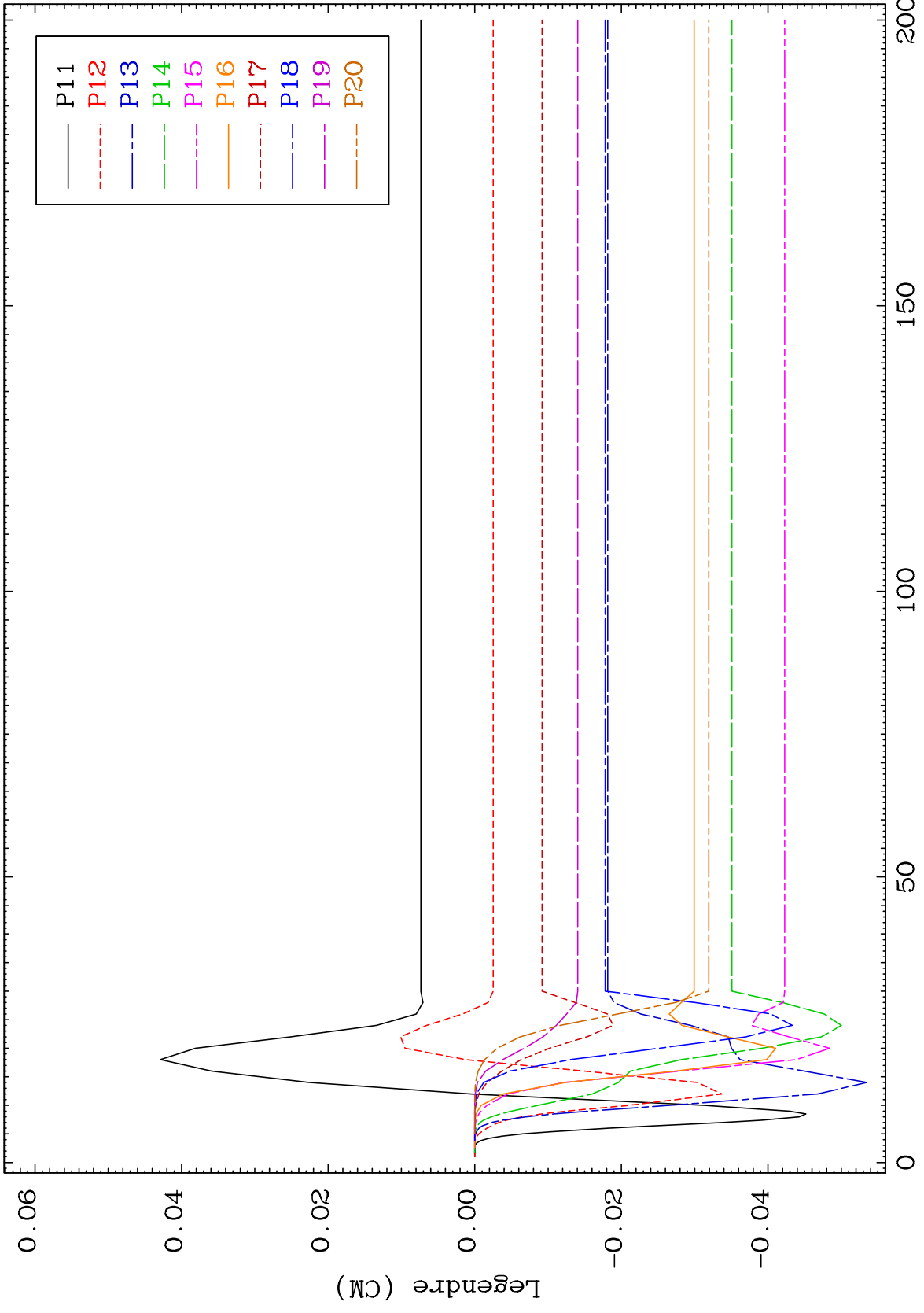
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



98

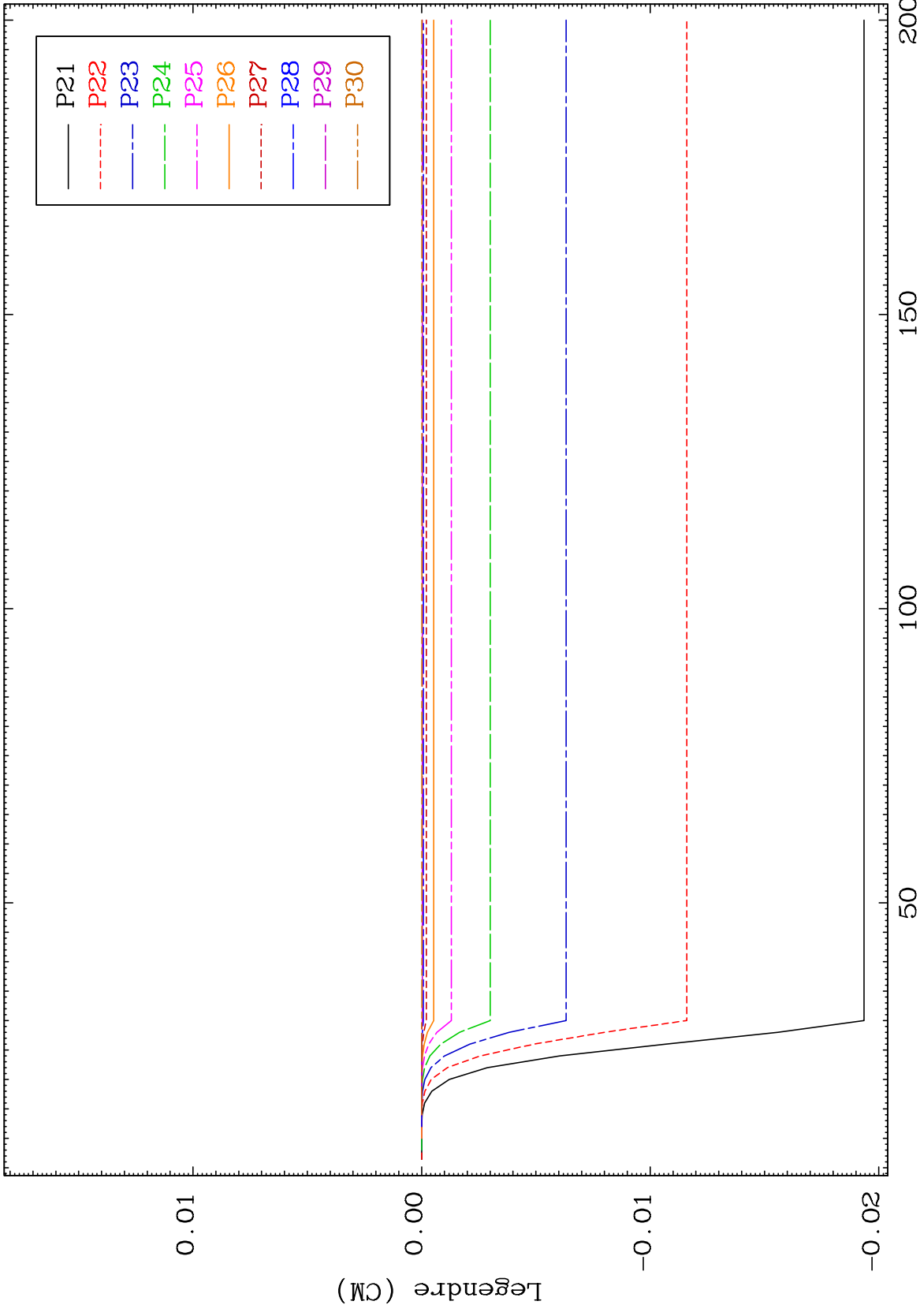
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

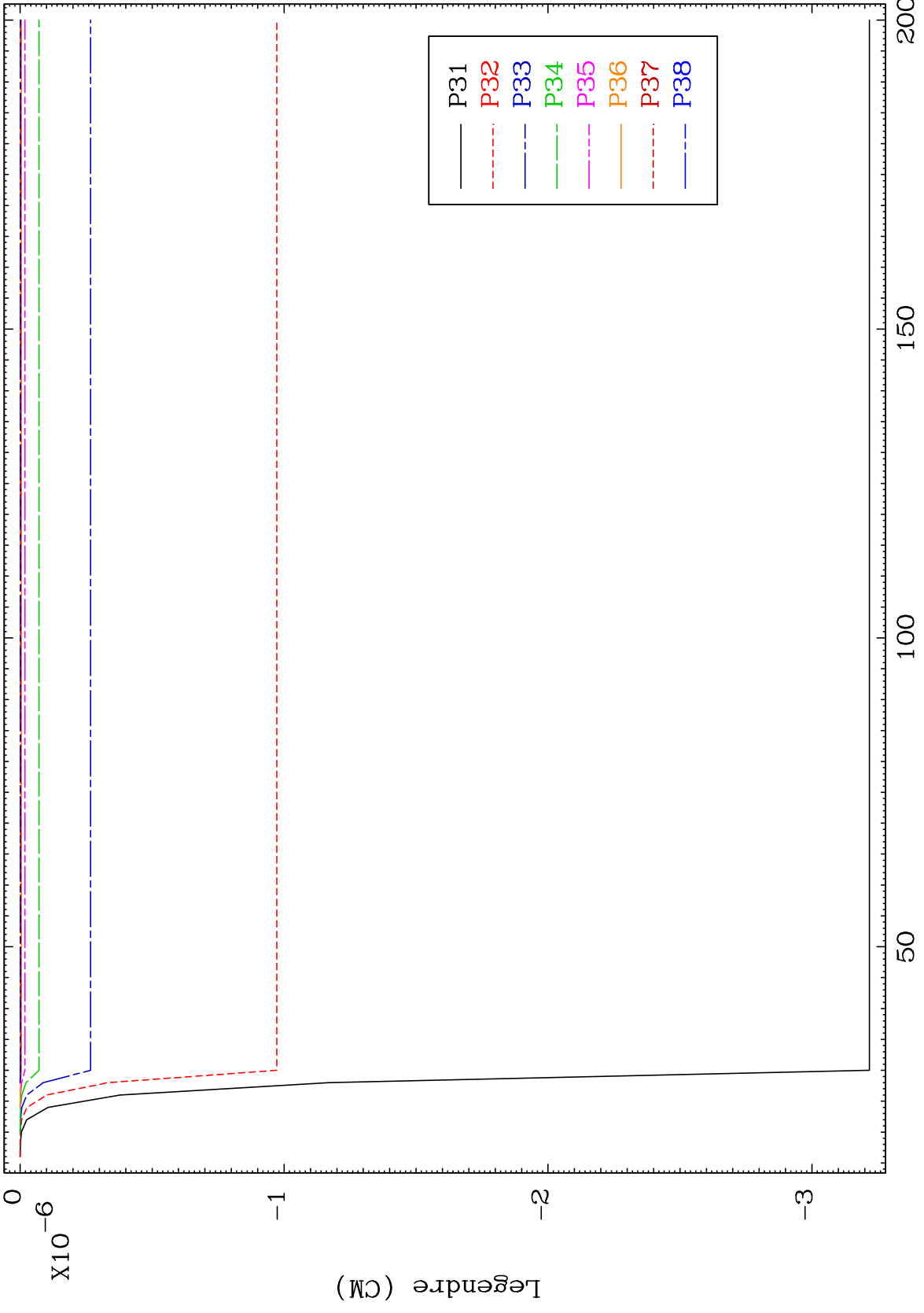


99

Incident Energy (MeV)

77-Ir-190

MAT 7722 MT= 72 (n,n') Level Legendre Coefficients 77-Ir-190

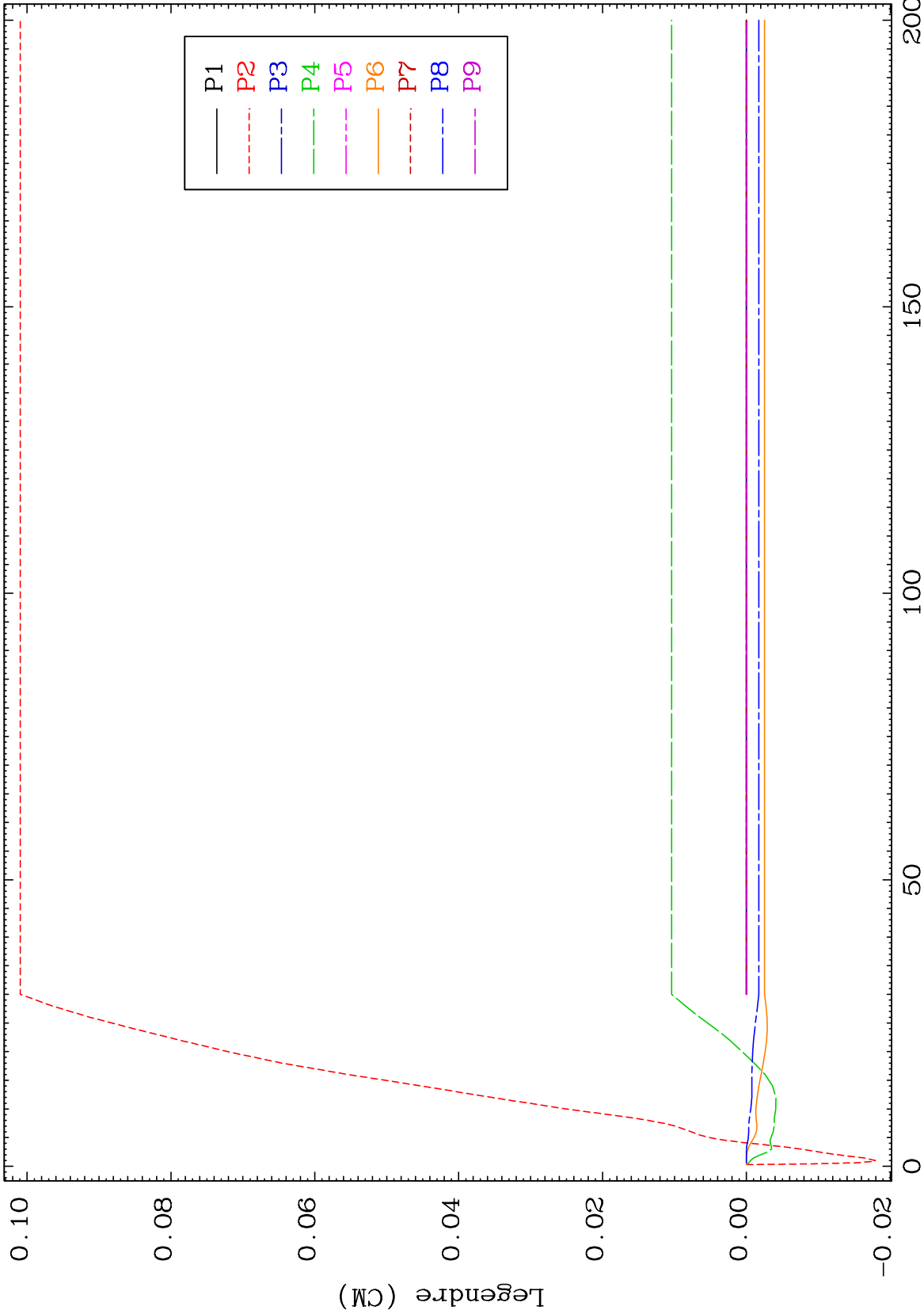


100 50 100 150 200 Incident Energy (MeV) 77-Ir-190

MAT 7722

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

77-Ir-190



77-Ir-190

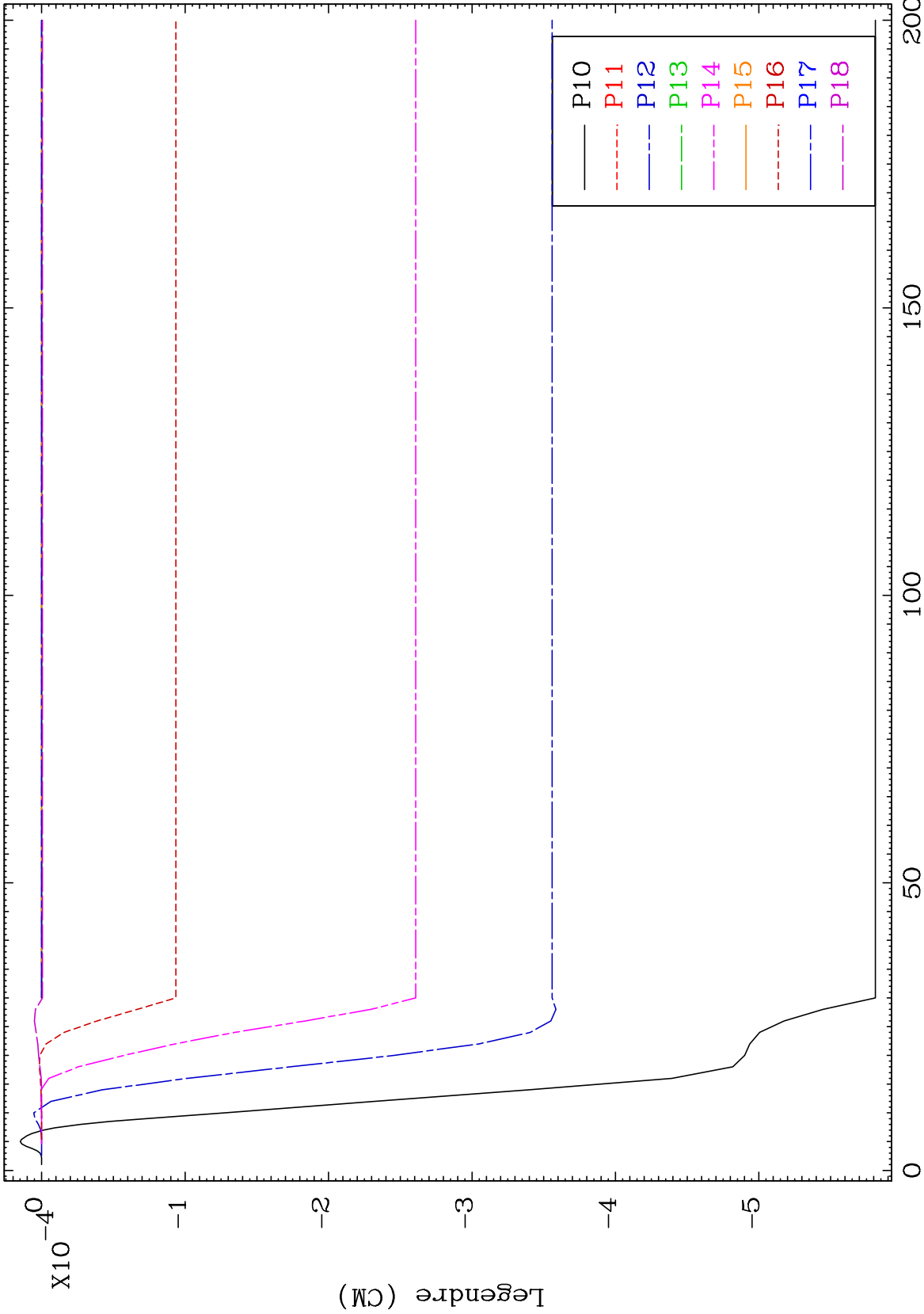
Incident Energy (MeV)

101

MAT 7722

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

77-Ir-190

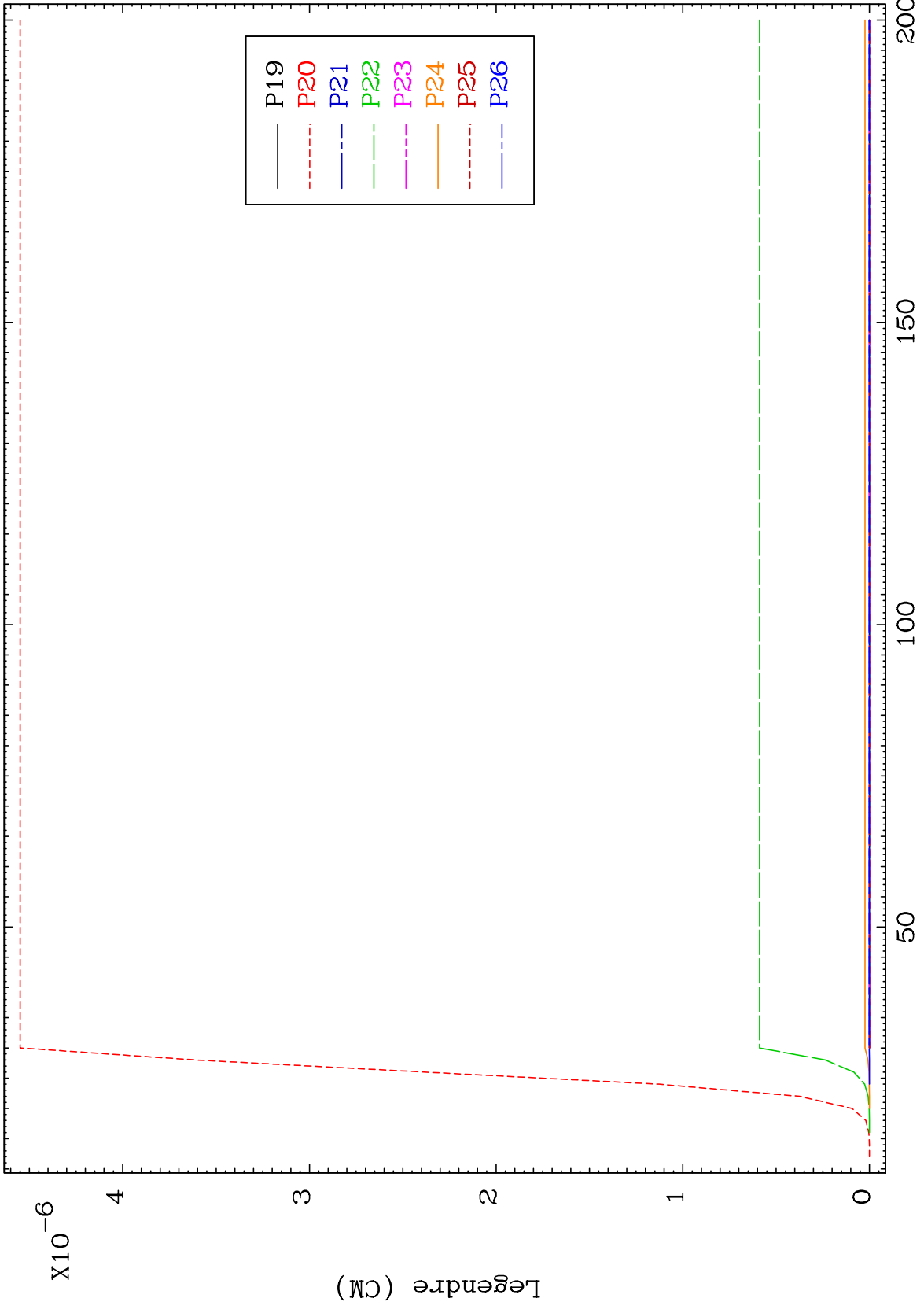


102

Incident Energy (MeV)

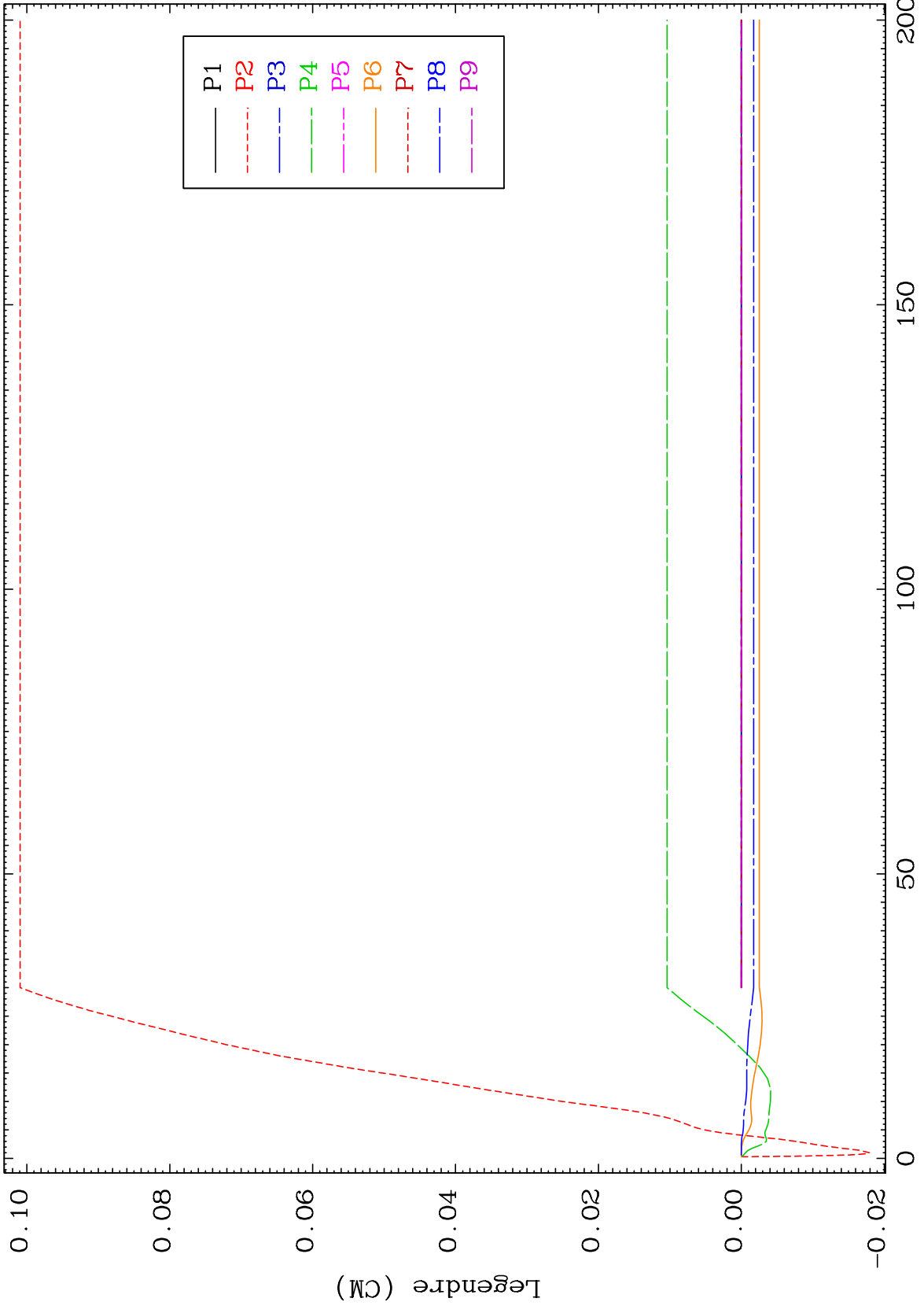
77-Ir-190

MAT 7722 MT= 73 (n,n') Level Legendre Coefficients 77-Ir-190



103 50 100 150 200 77-Ir-190

MAT 7722 MT= 74 (n,n') Level Legendre Coefficients 77-Ir-190

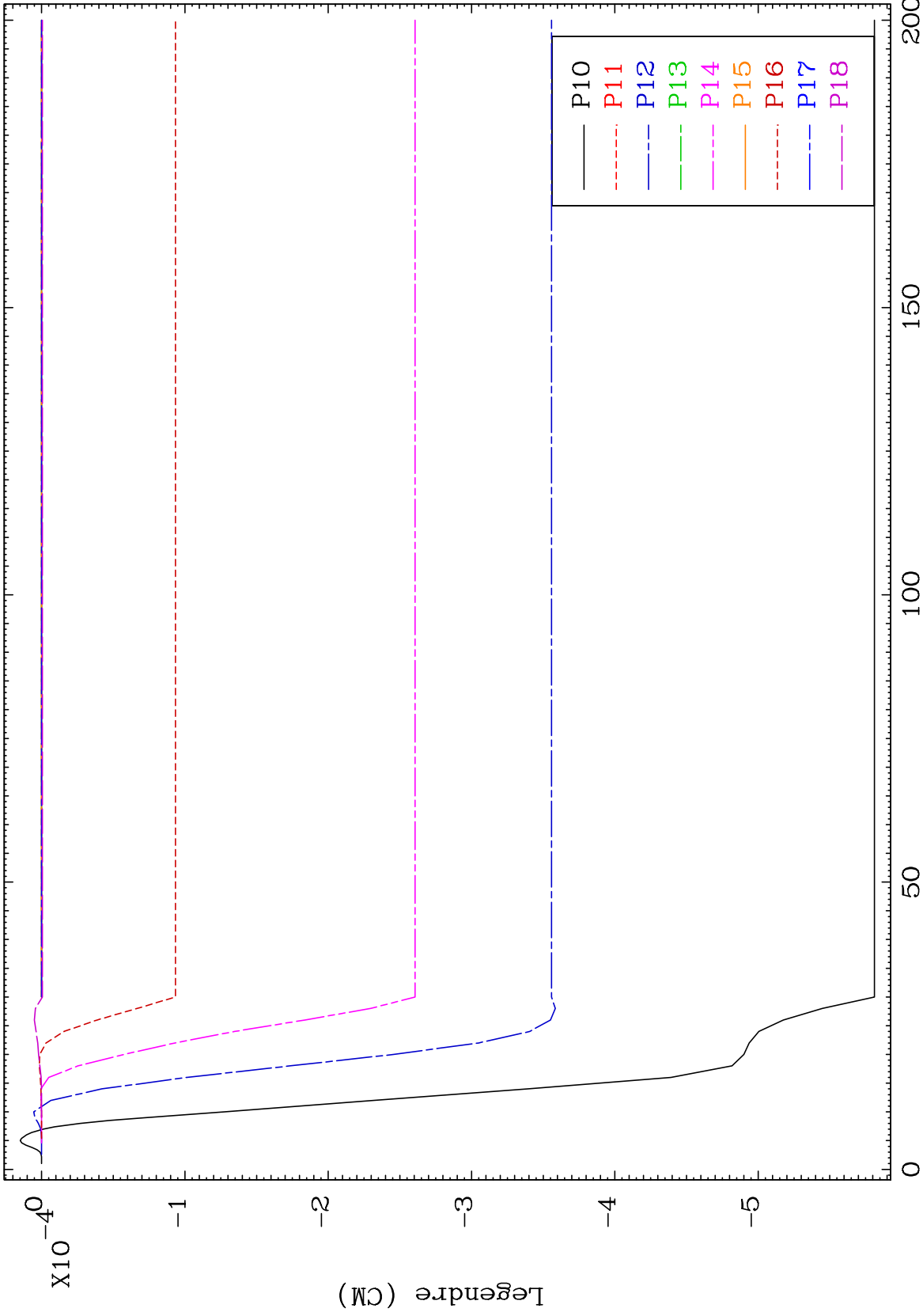


104 77-Ir-190

MAT 7722

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

77-Ir-190

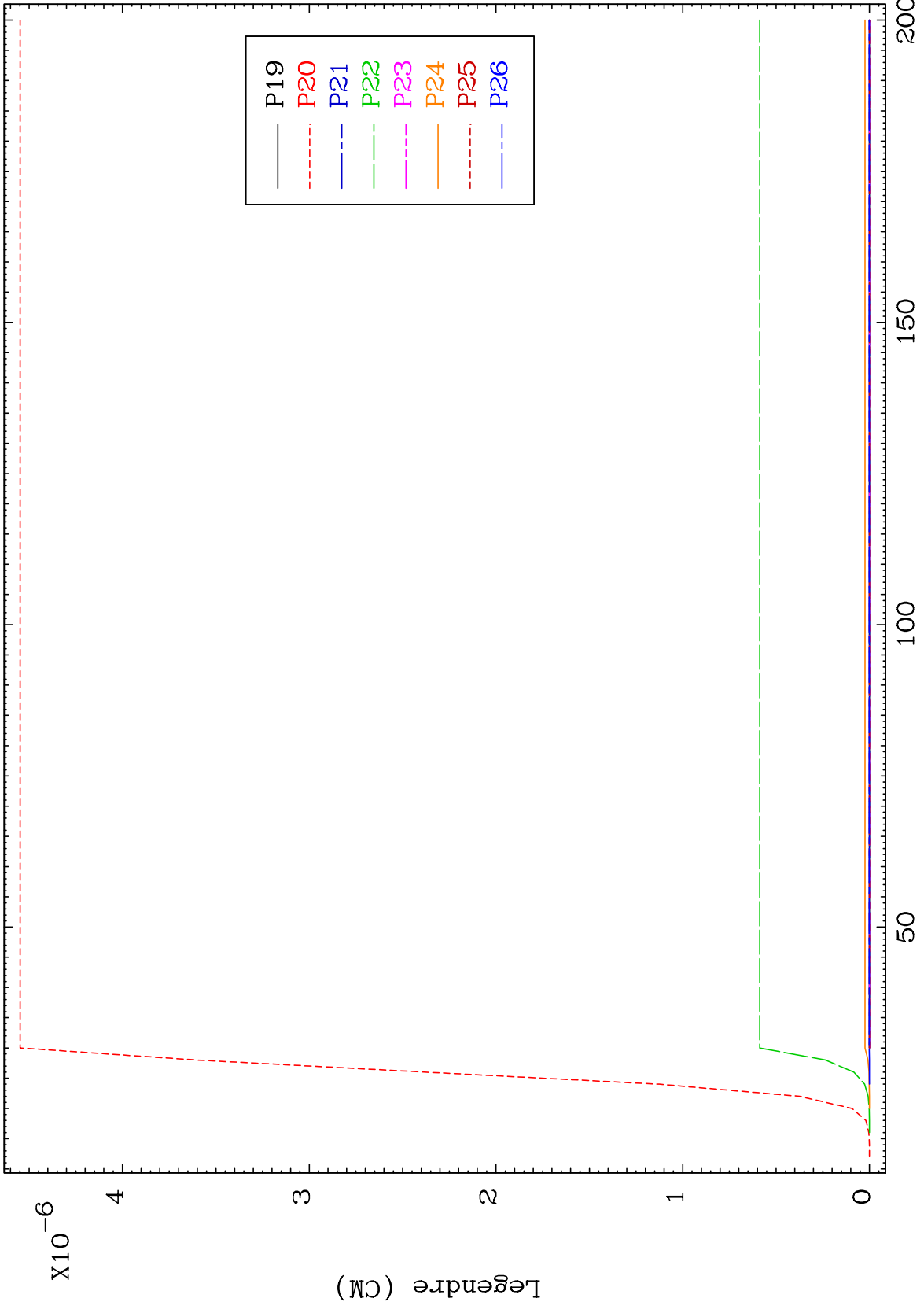


105

Incident Energy (MeV)

77-Ir-190

MAT 7722 MT= 74 (n,n') Level Legendre Coefficients 77-Ir-190

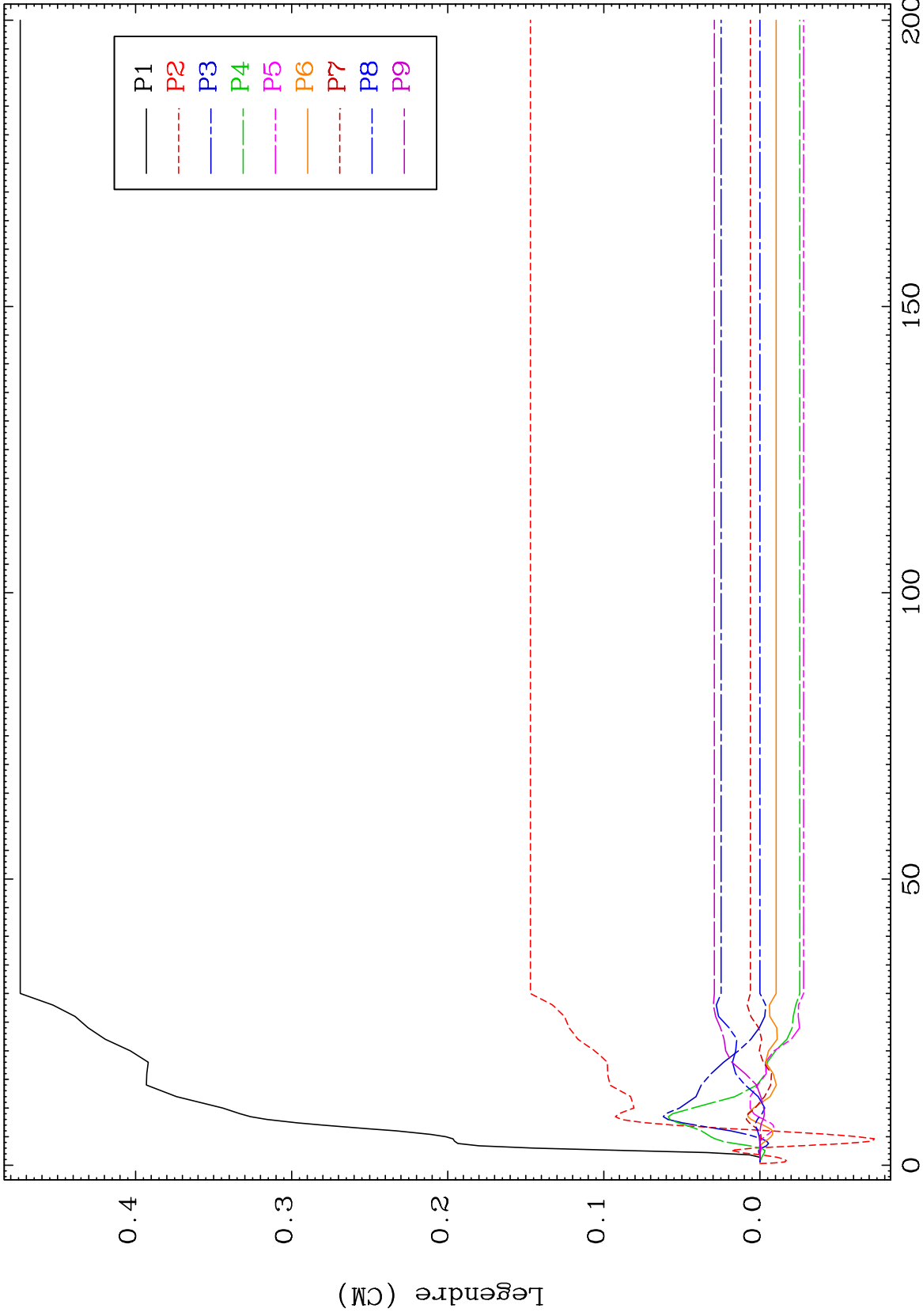


77-Ir-190

MAT 7722

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

77-Ir-190



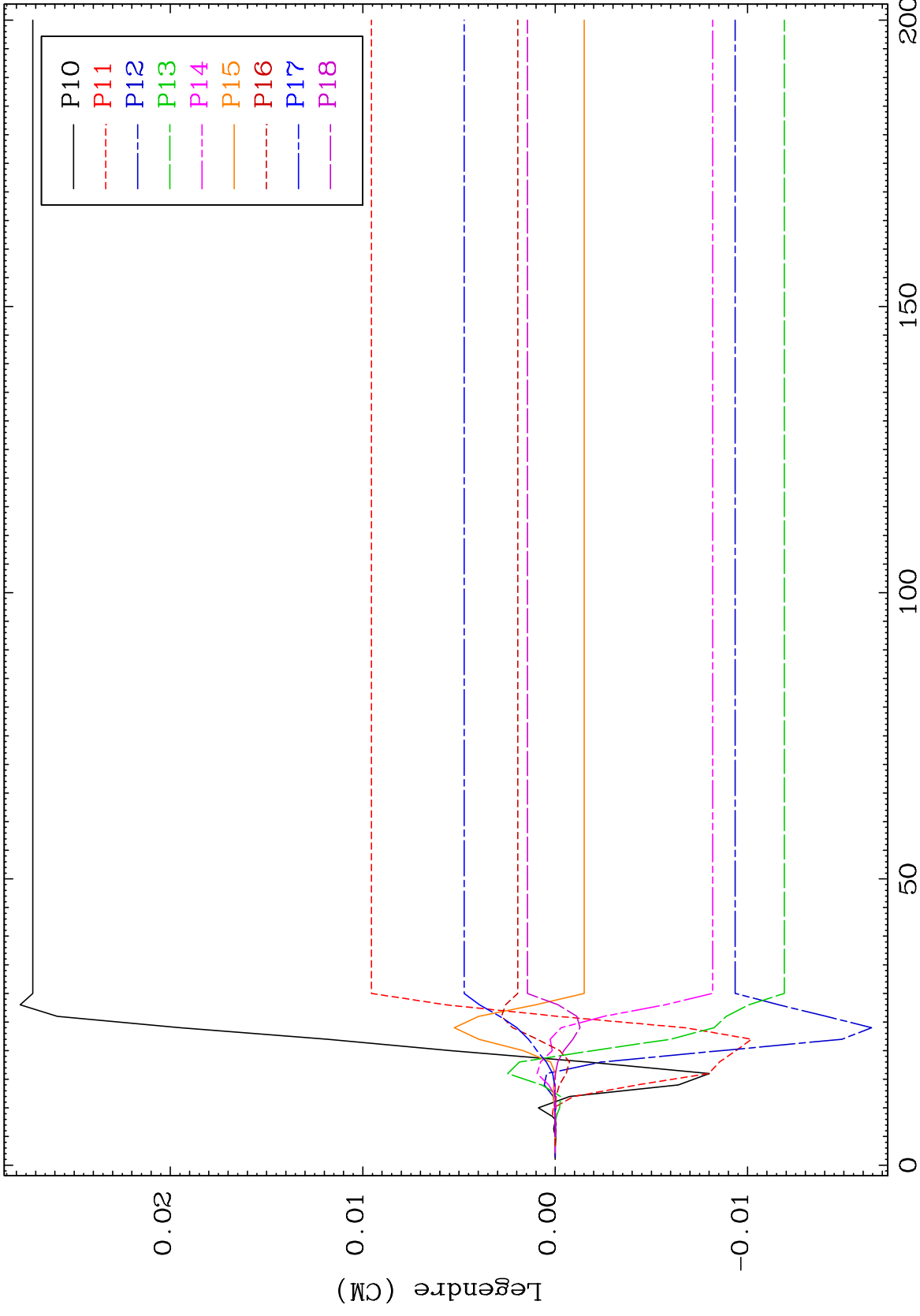
107

77-Ir-190

MAT 7722

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

77-Ir-190



108

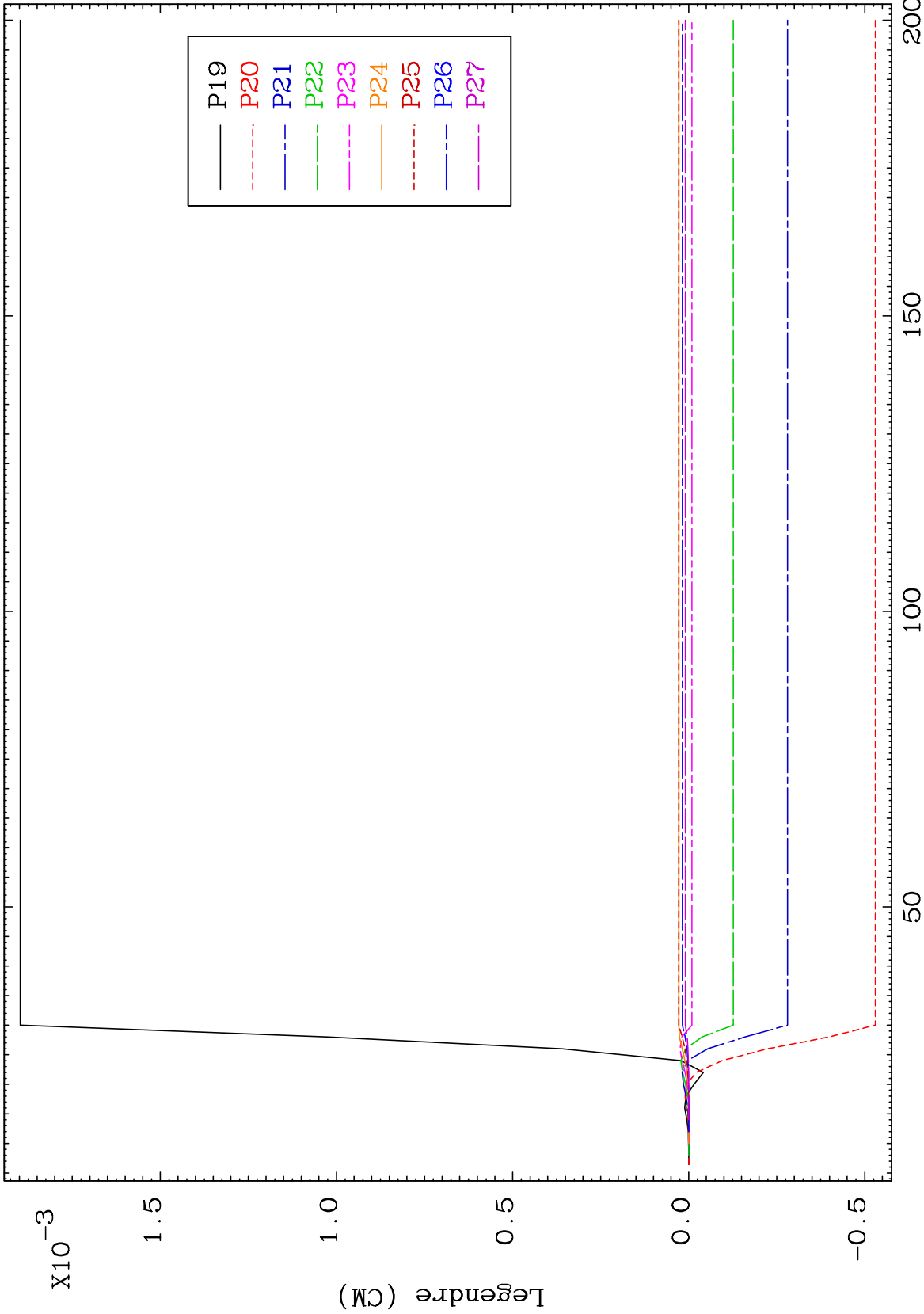
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



109

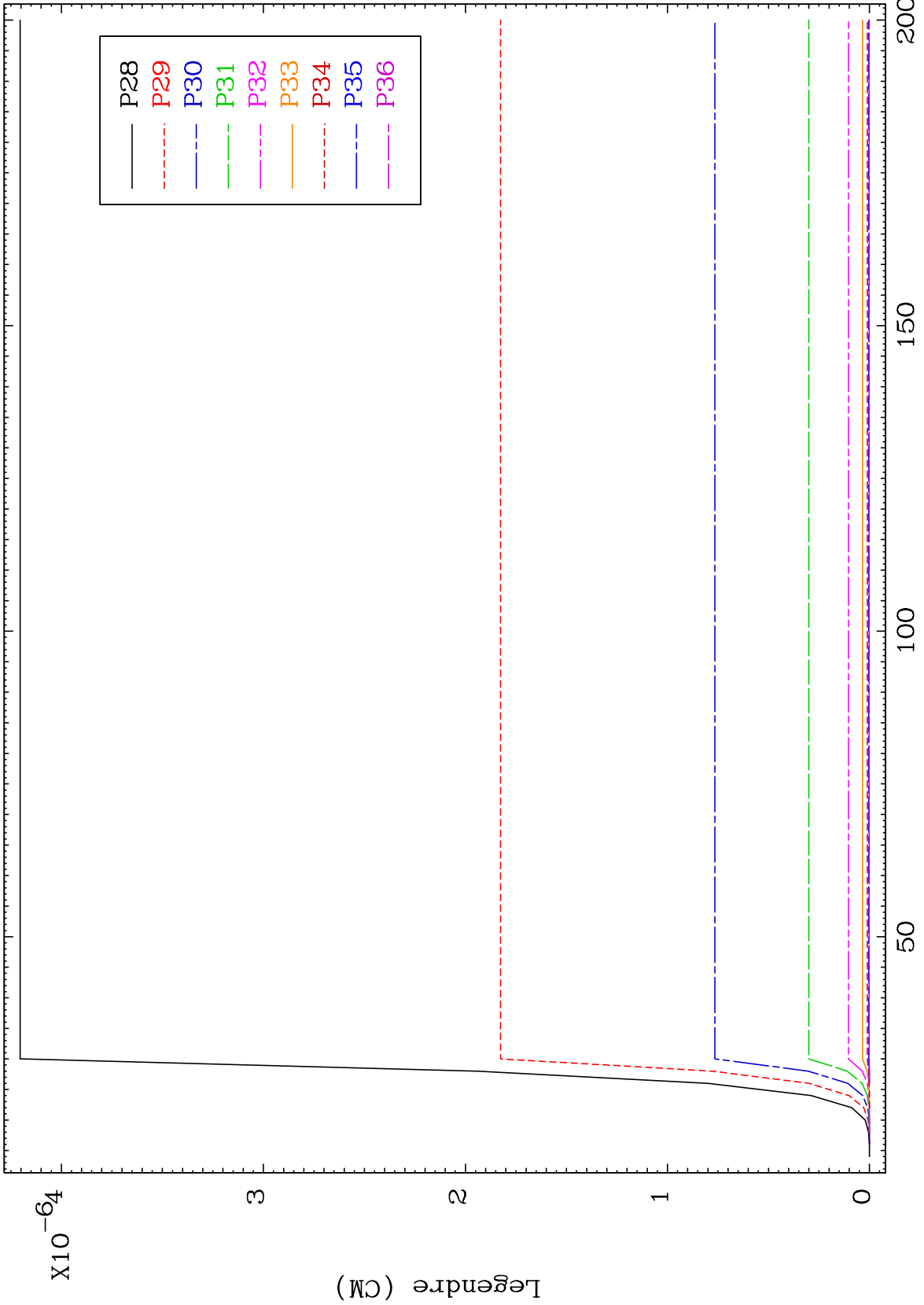
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

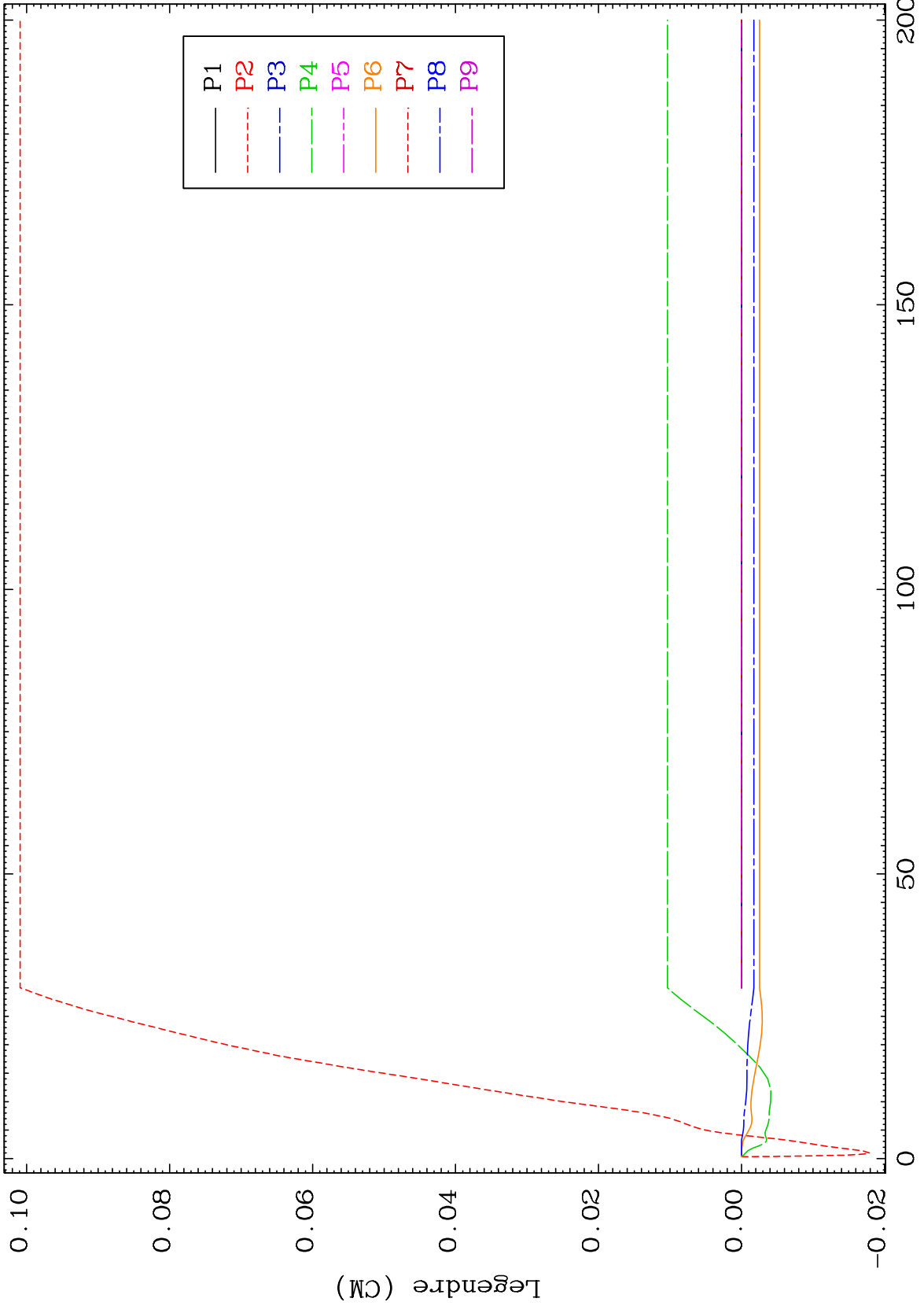


110

Incident Energy (MeV)

77-Ir-190

MAT 7722 MT= 76 (n,n') Level Legendre Coefficients 77-Ir-190

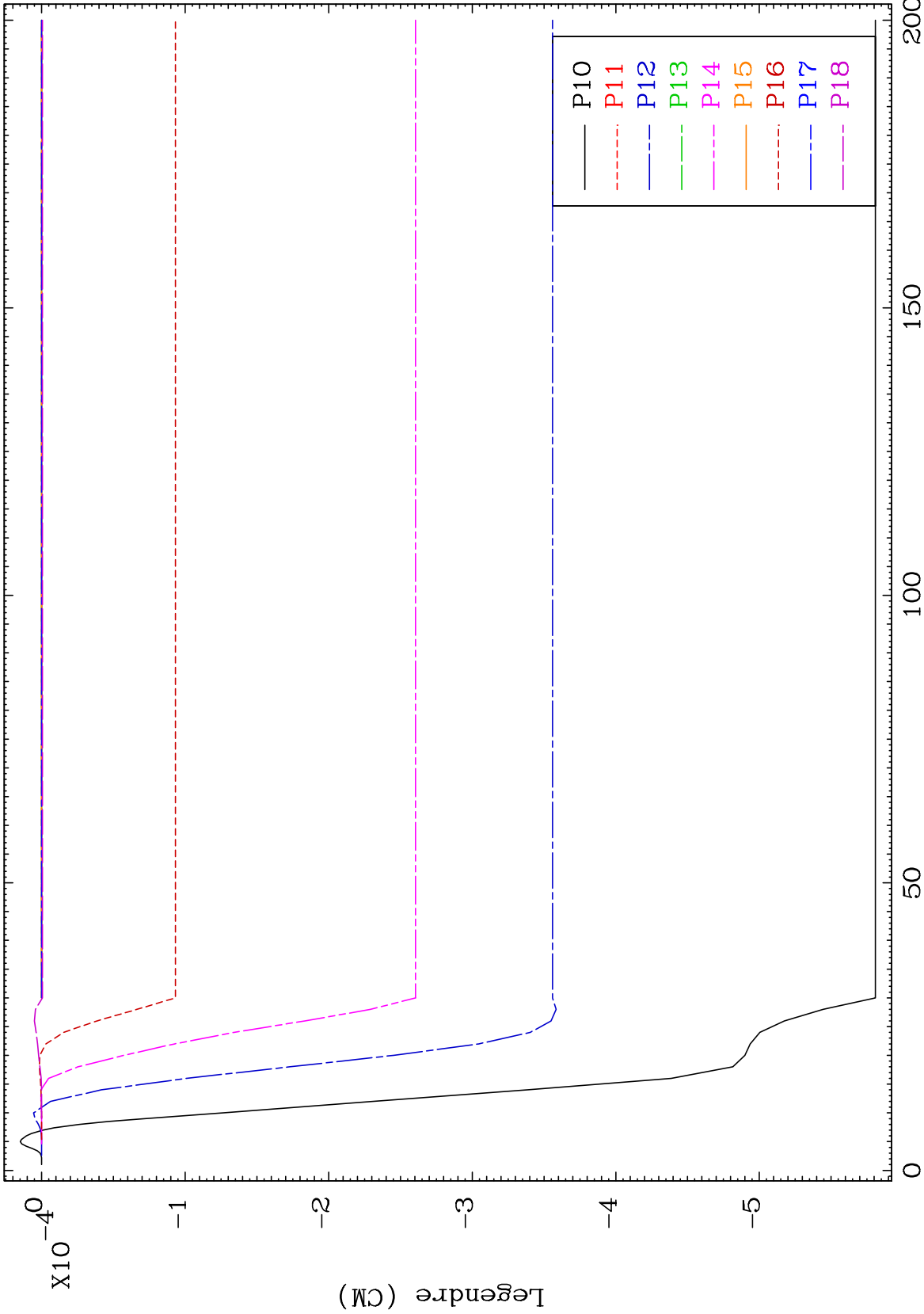


111 77-Ir-190

MAT 7722

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

77-Ir-190

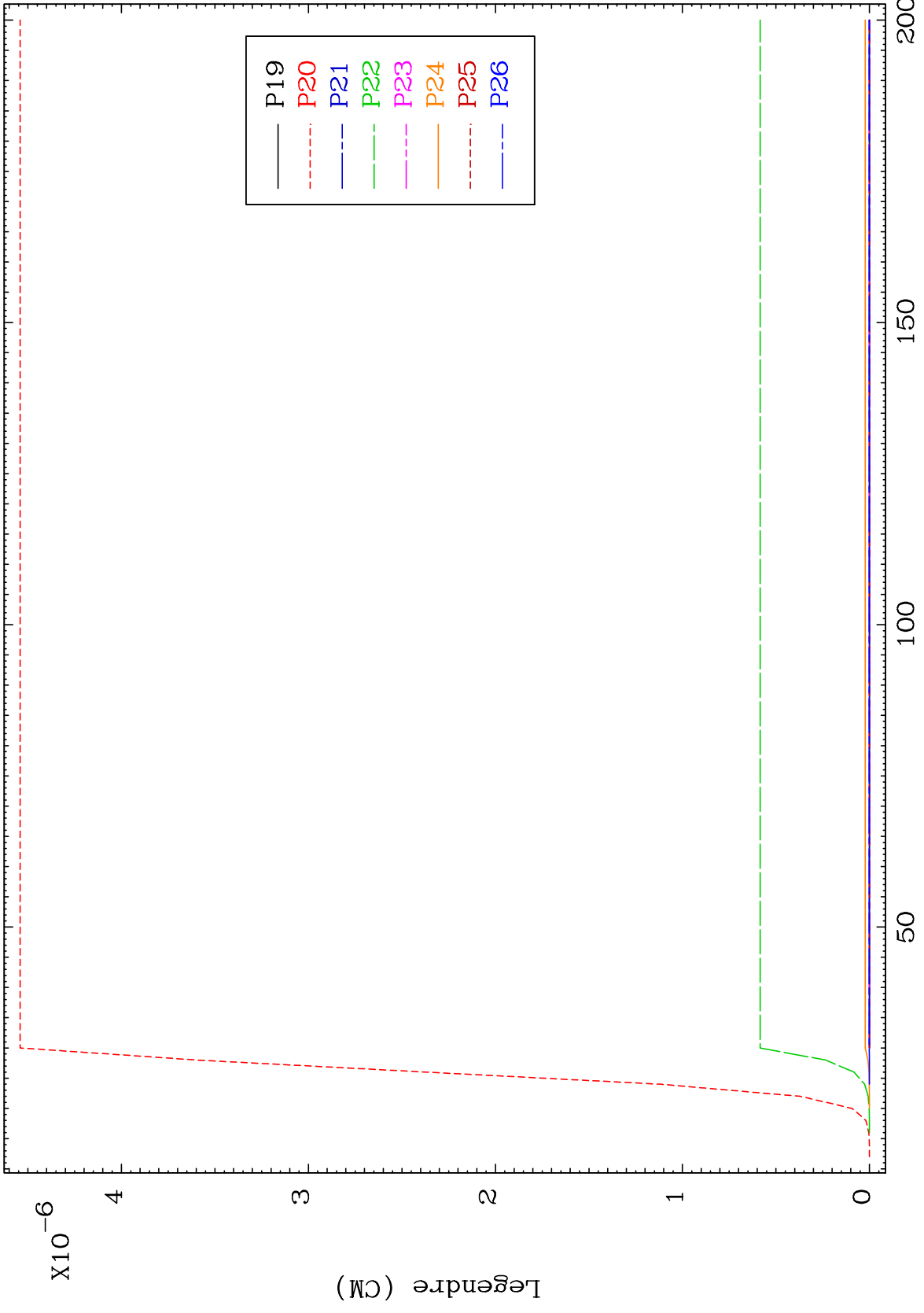


112

Incident Energy (MeV)

77-Ir-190

MAT 7722 MT= 76 (n,n') Level Legendre Coefficients 77-Ir-190

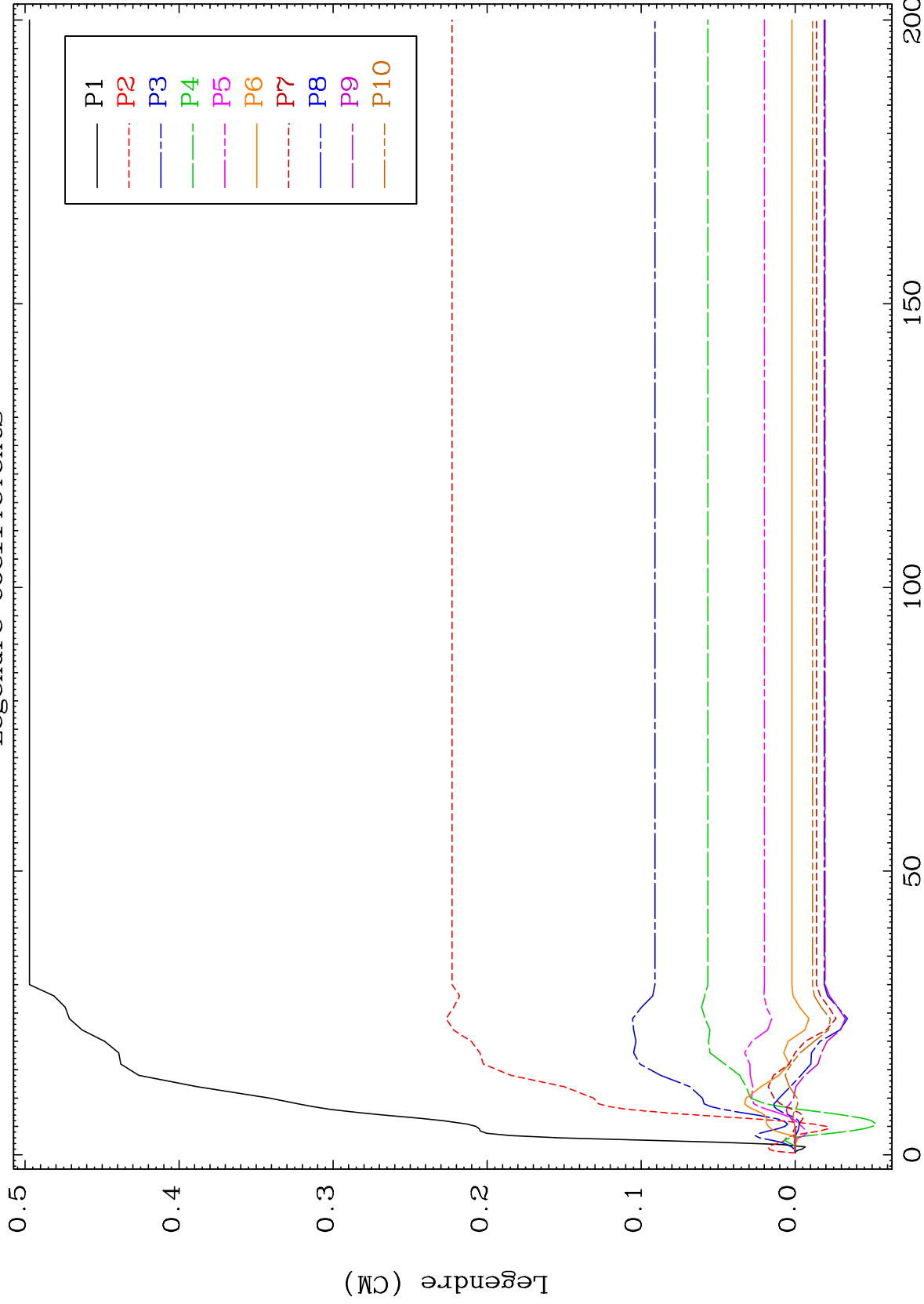


113 77-Ir-190

MAT 7722

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

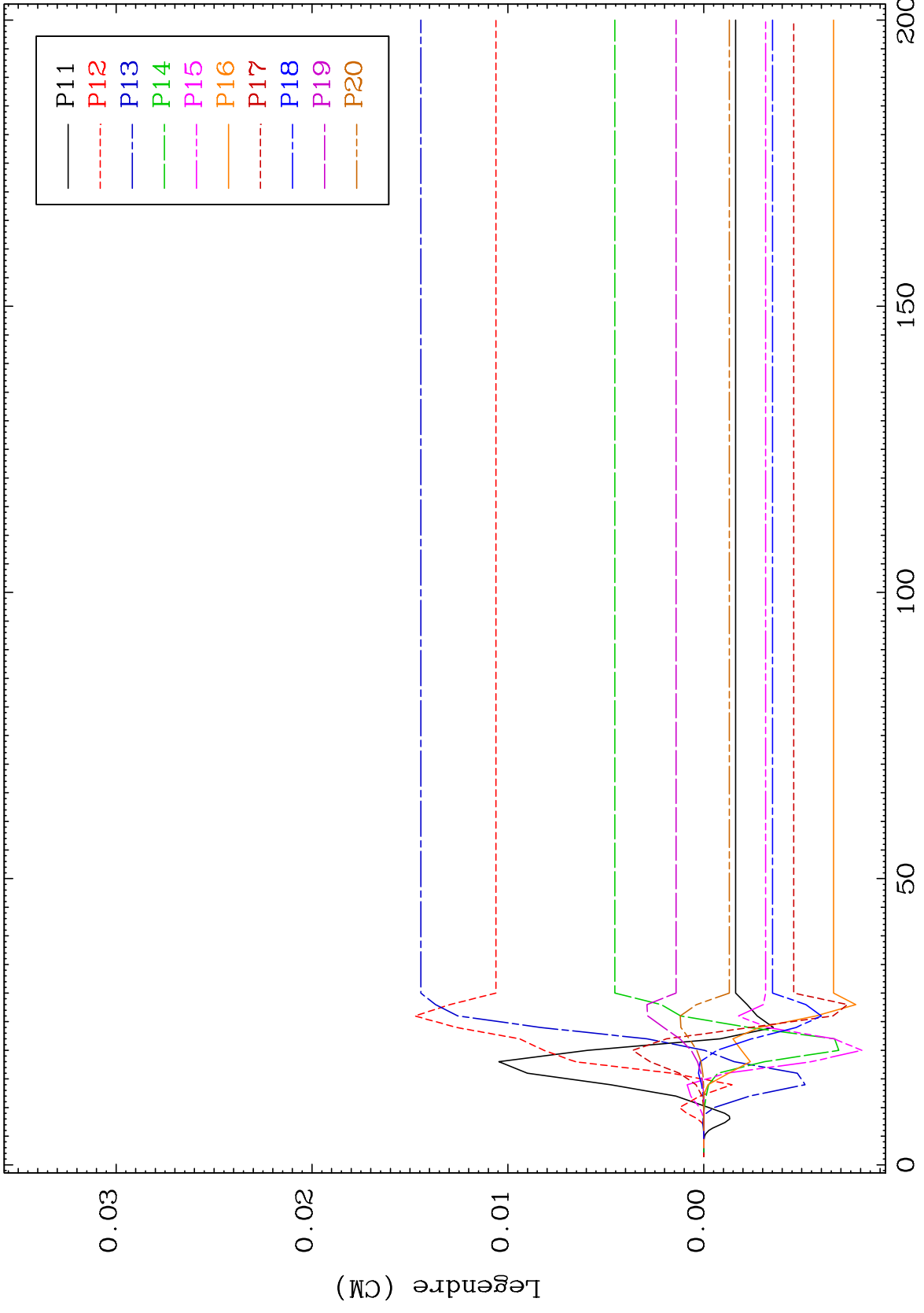
77-Ir-190



114

77-Ir-190

MAT 7722 MT= 77 (n,n') Level Legendre Coefficients 77-Ir-190

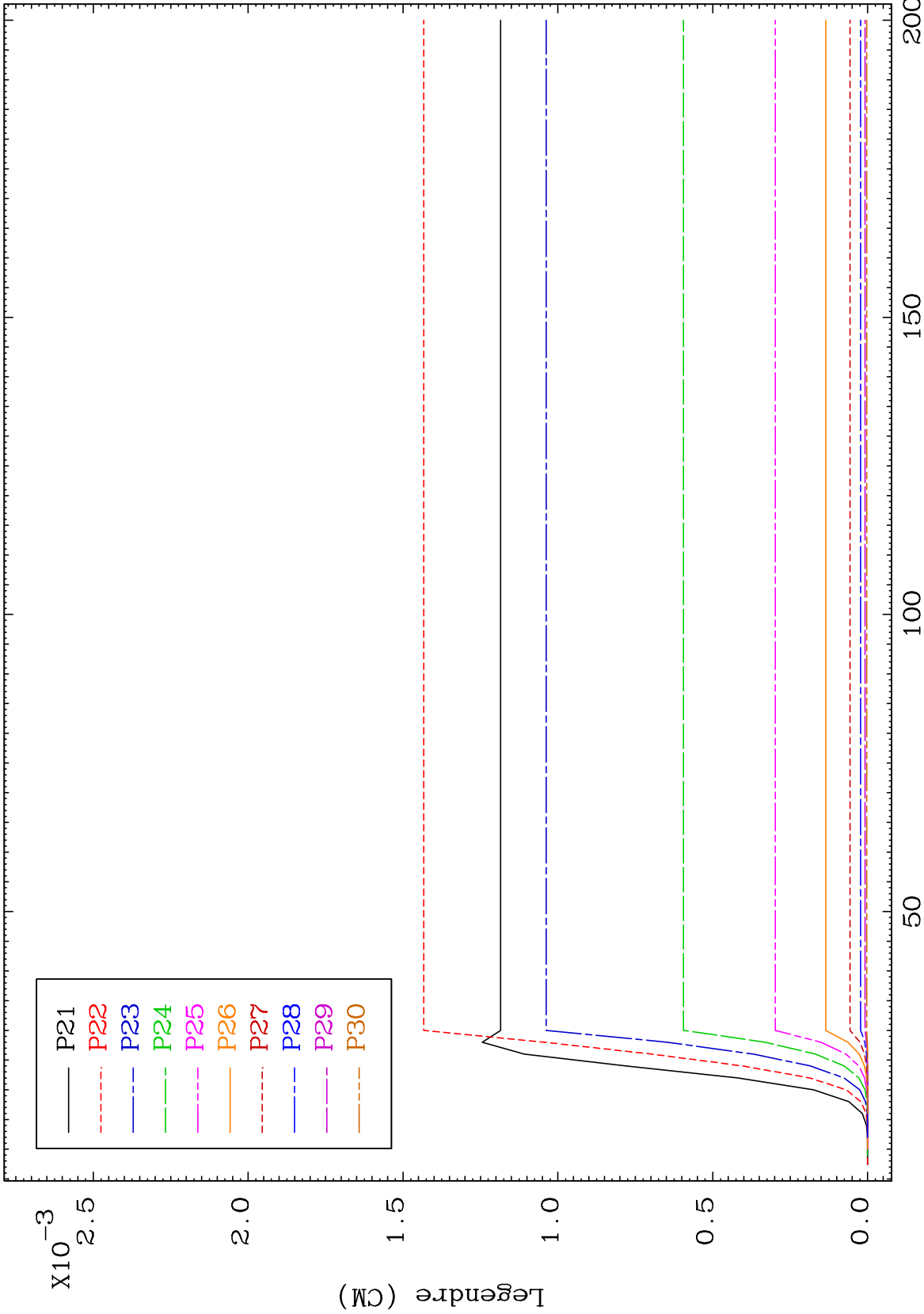


115 77-Ir-190

MAT 7722

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

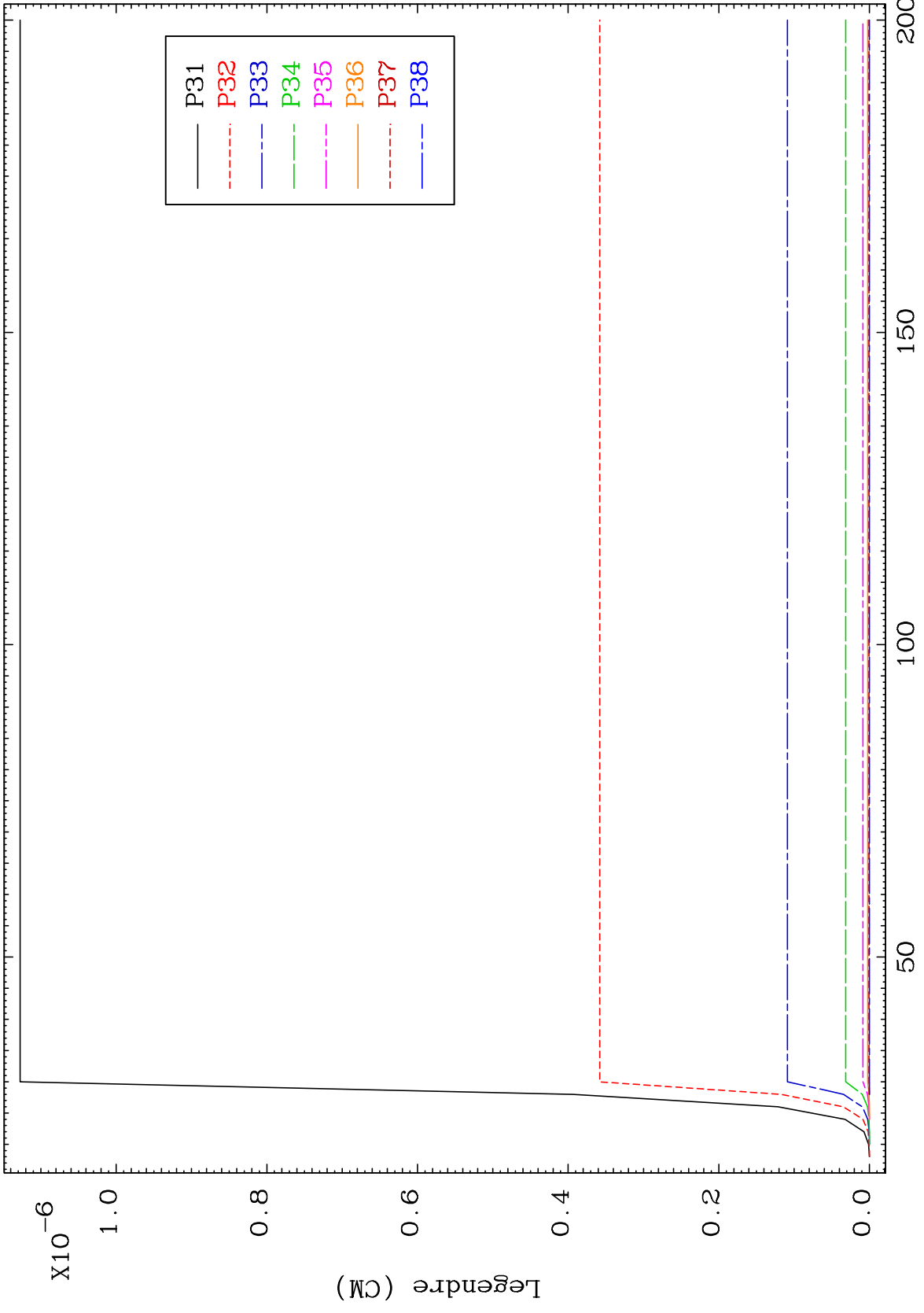
77-Ir-190



MAT 7722

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

77-Ir-190



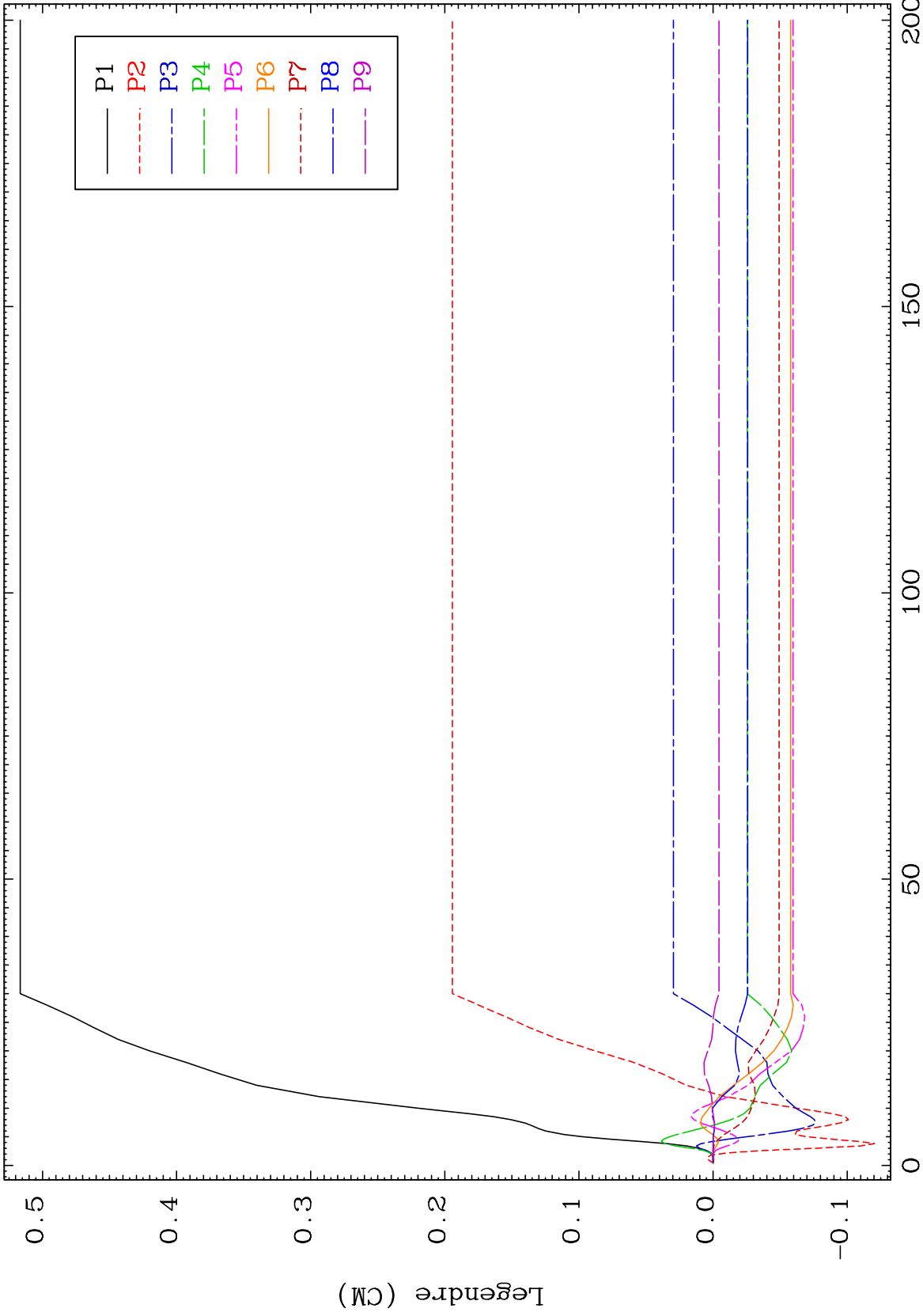
117

77-Ir-190

MAT 7722

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

77-Ir-190



118

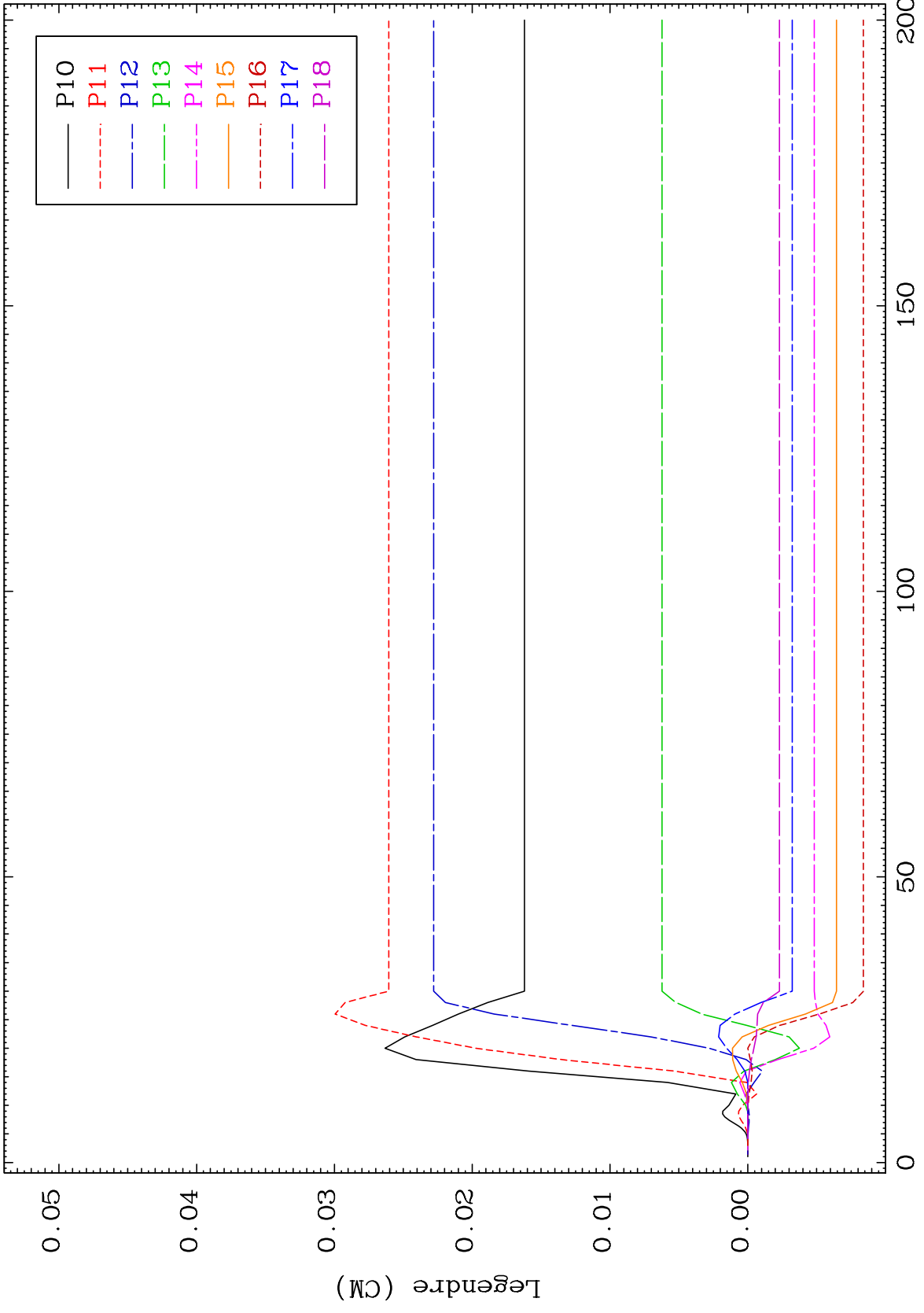
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



119

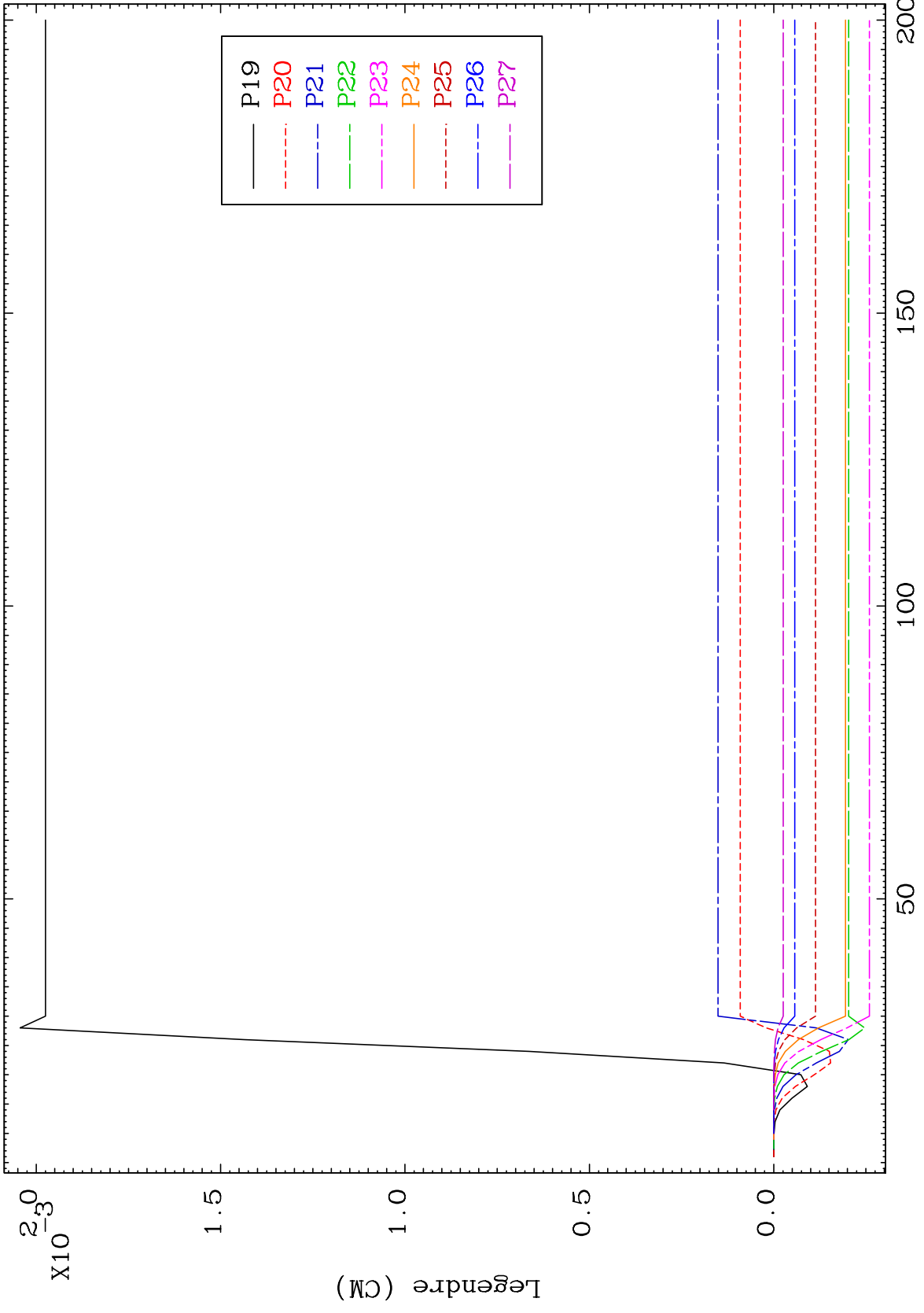
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



120

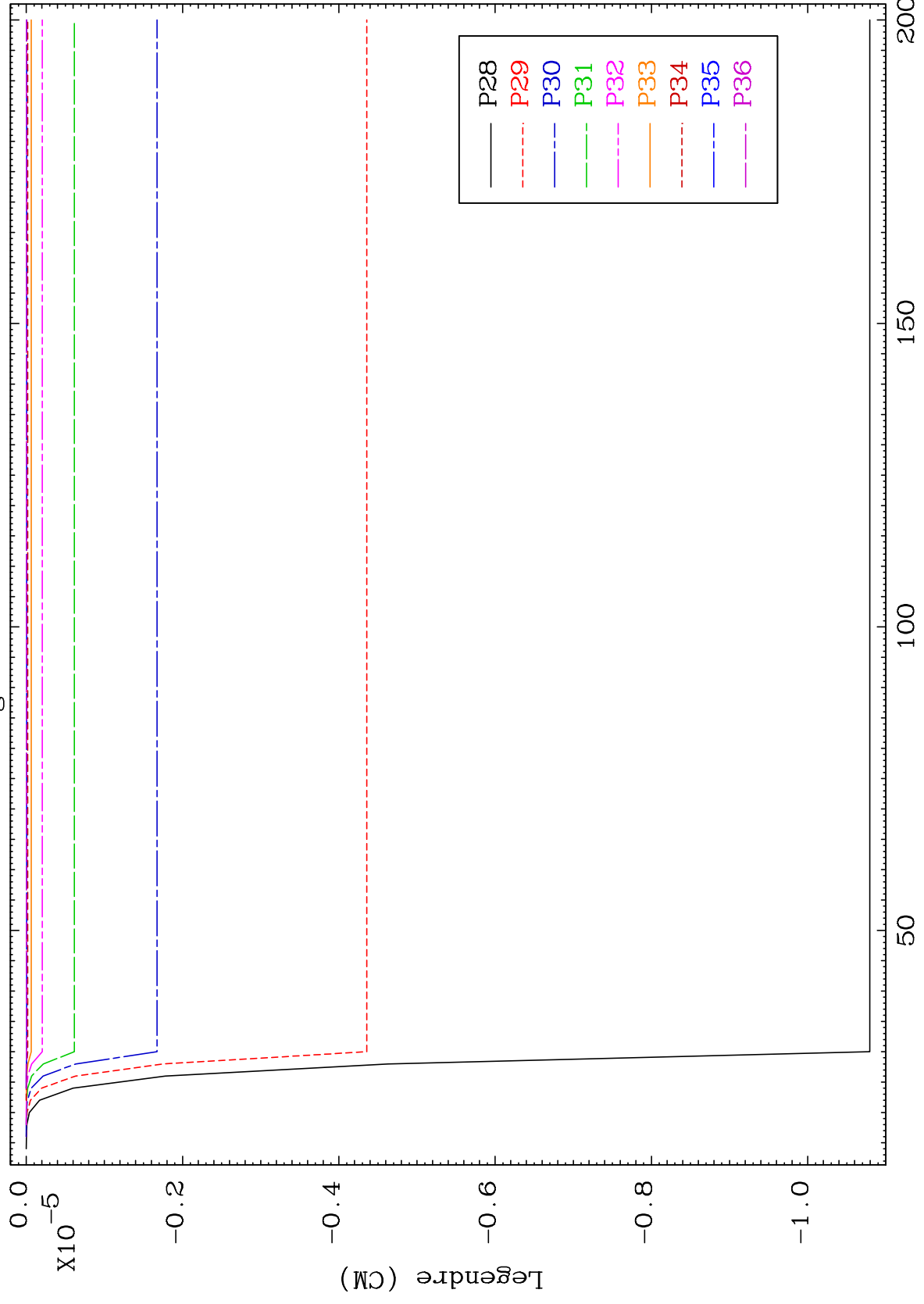
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



77-Ir-190

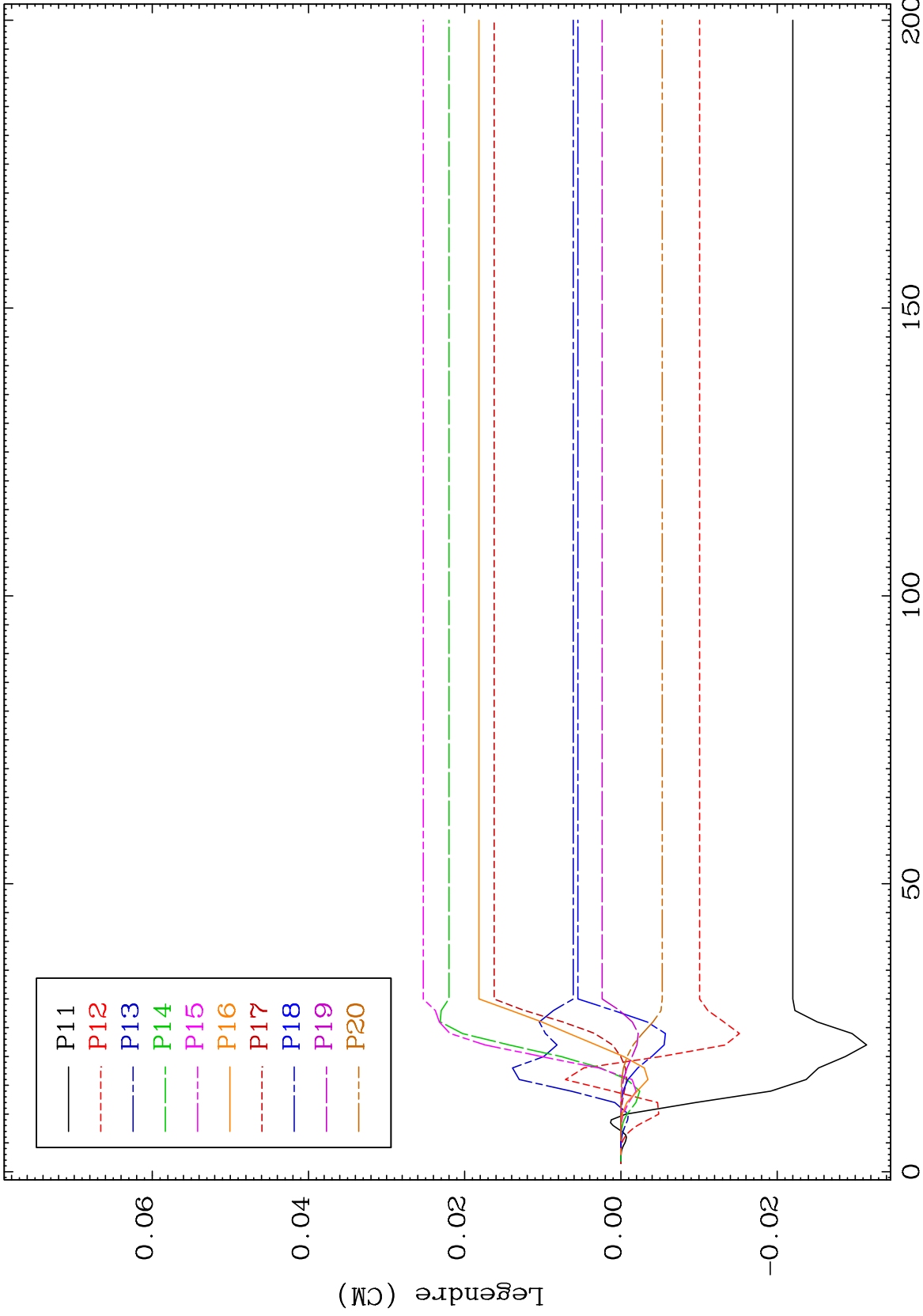
Incident Energy (MeV)

121

MAT 7722

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

77-Ir-190



123

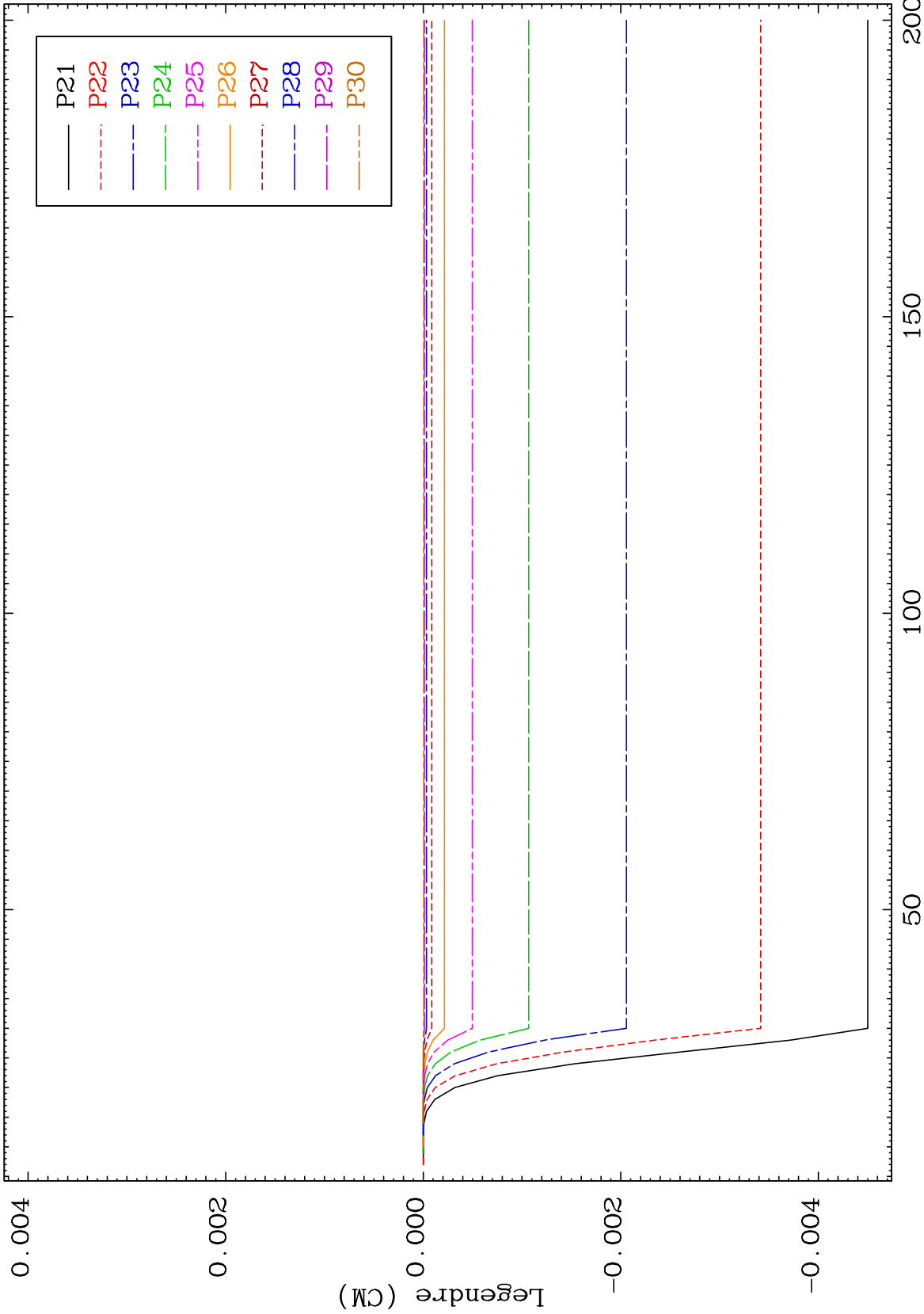
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

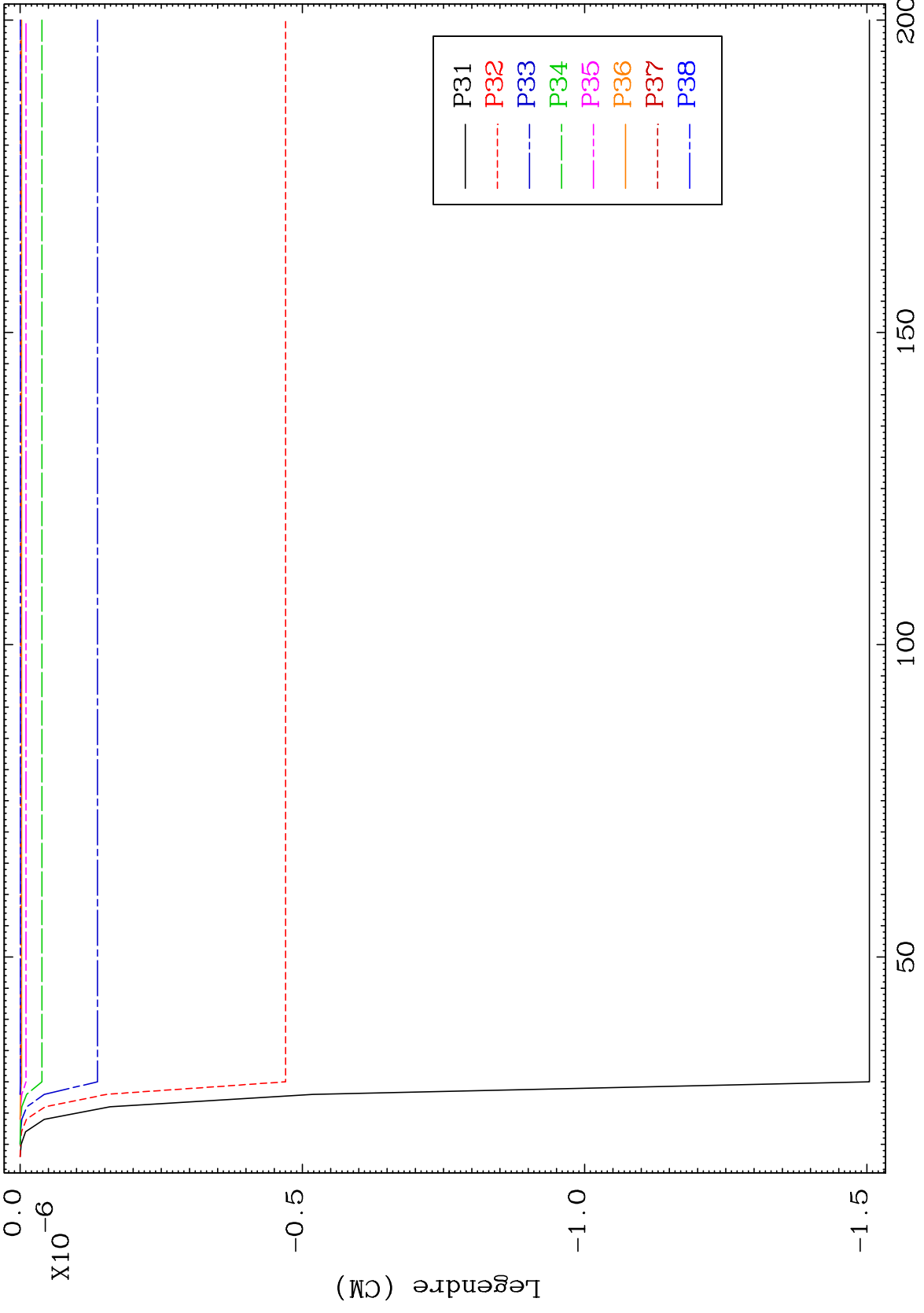


124

Incident Energy (MeV)

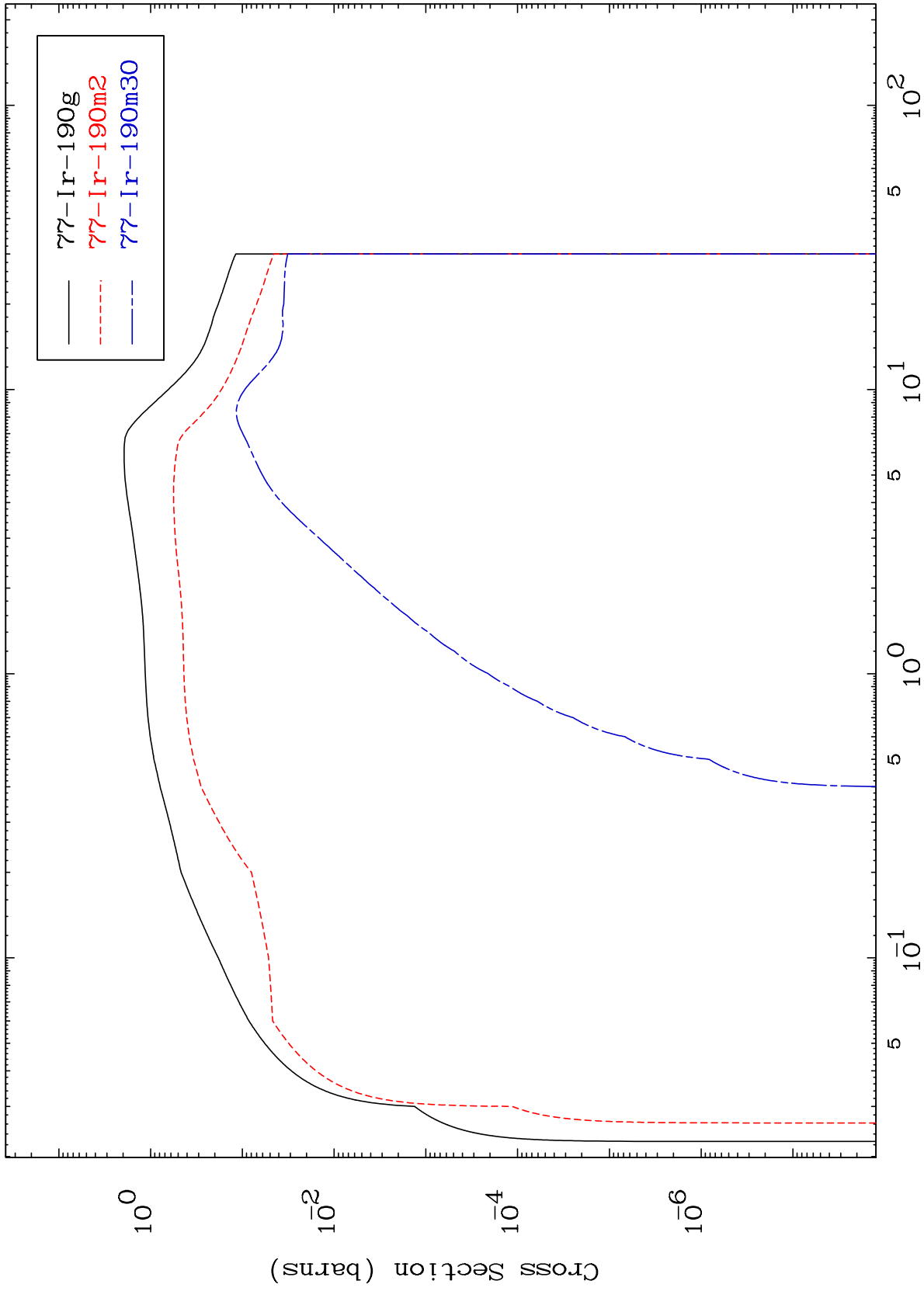
77-Ir-190

MAT 7722 MT= 79 (n,n') Level Legendre Coefficients 77-Ir-190



125 Incident Energy (MeV) 77-Ir-190

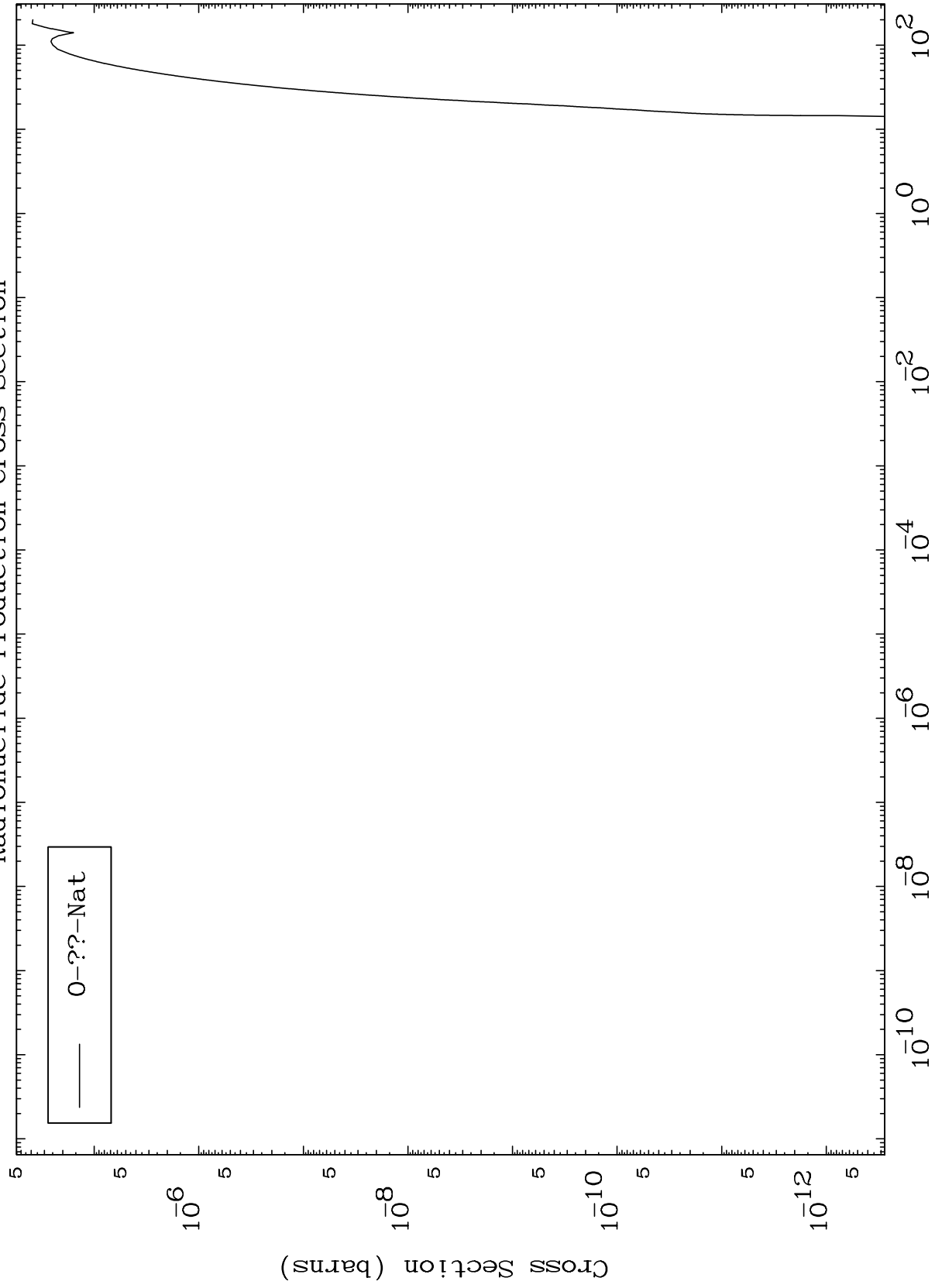
Inelastic
Radionuclide Production Cross Section



MAT 7722

Fission
Radionuclide Production Cross Section

⁷⁷Ir-190



127

Incident Energy (MeV)

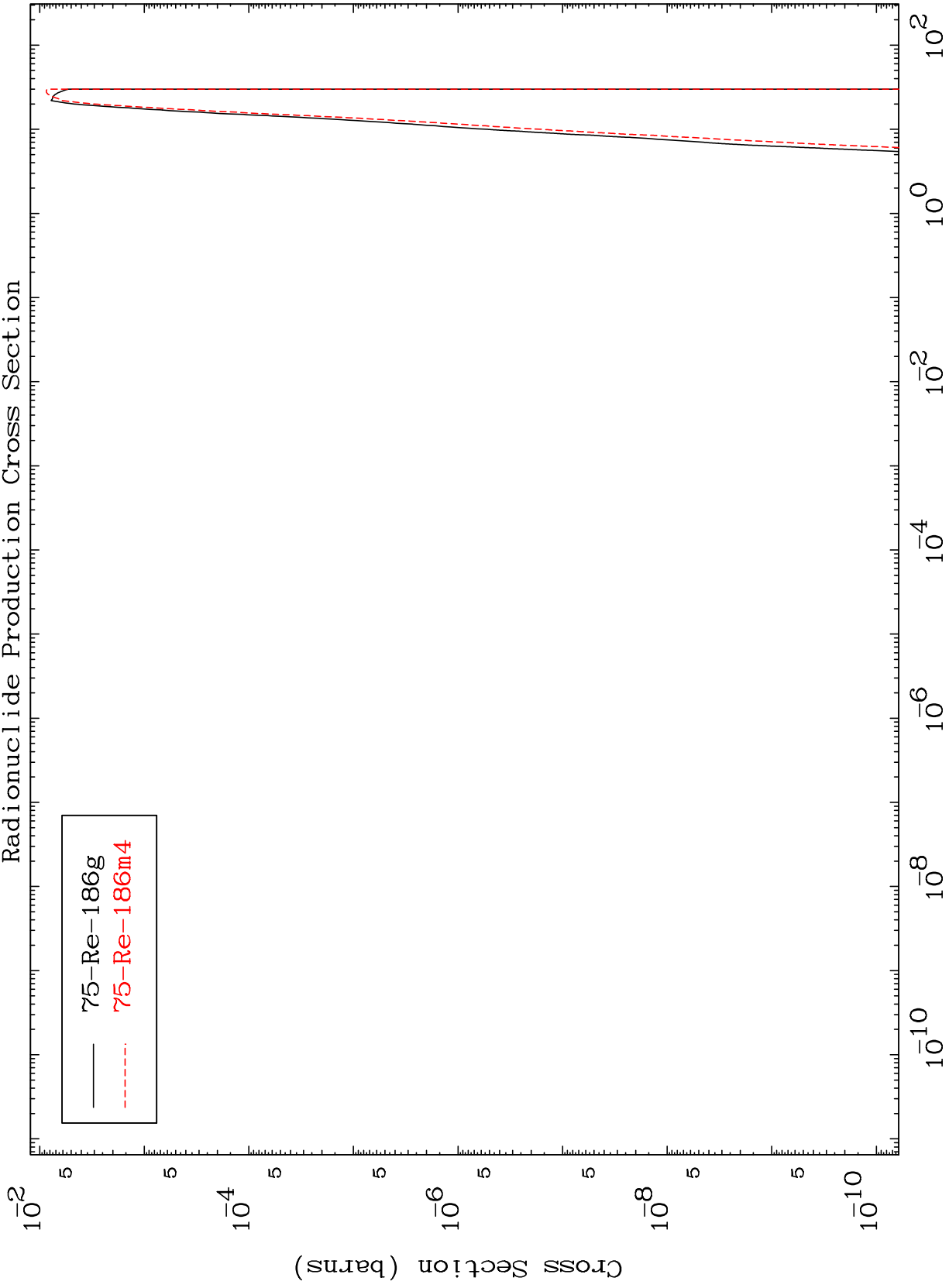
⁷⁷Ir-190

MAT 7722

(n,n') α

77-Ir-190

Radionuclide Production Cross Section



128

Incident Energy (MeV)

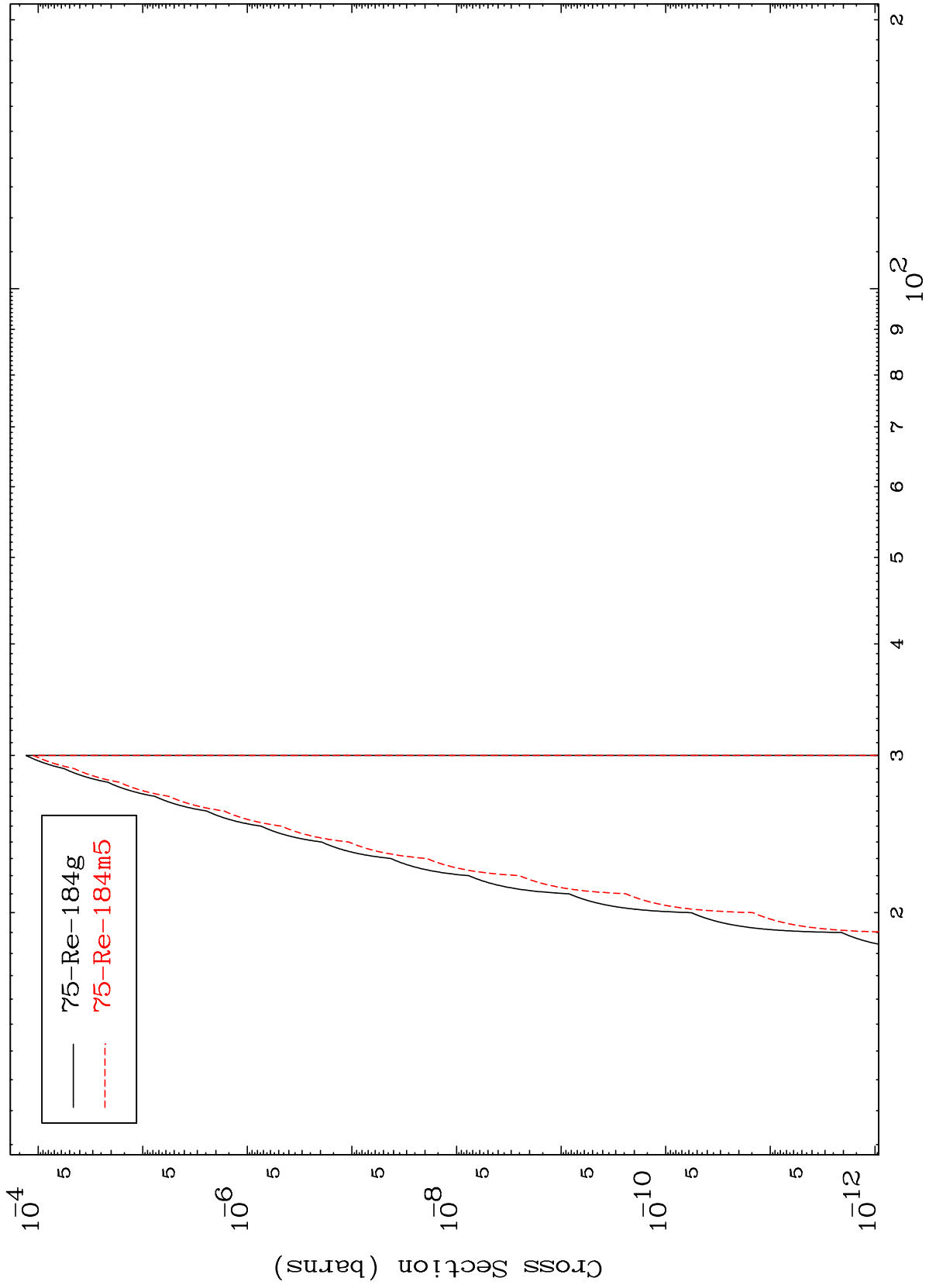
77-Ir-190

MAT 7722

(n,3n) α

77-Ir-190

Radionuclide Production Cross Section



129

Incident Energy (MeV)

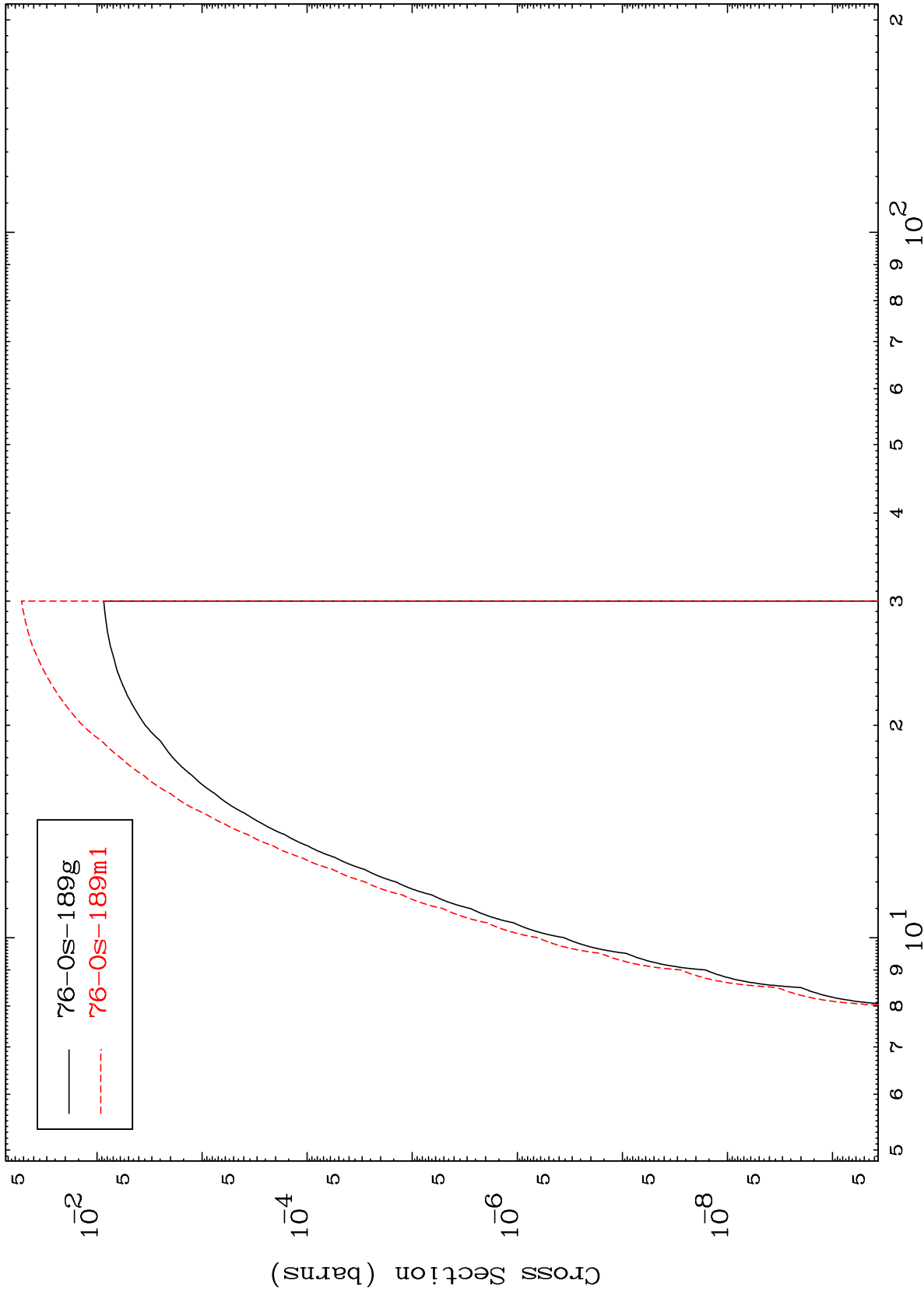
77-Ir-190

MAT 7722

(n,n') p

77-Ir-190

Radionuclide Production Cross Section



130

Incident Energy (MeV)

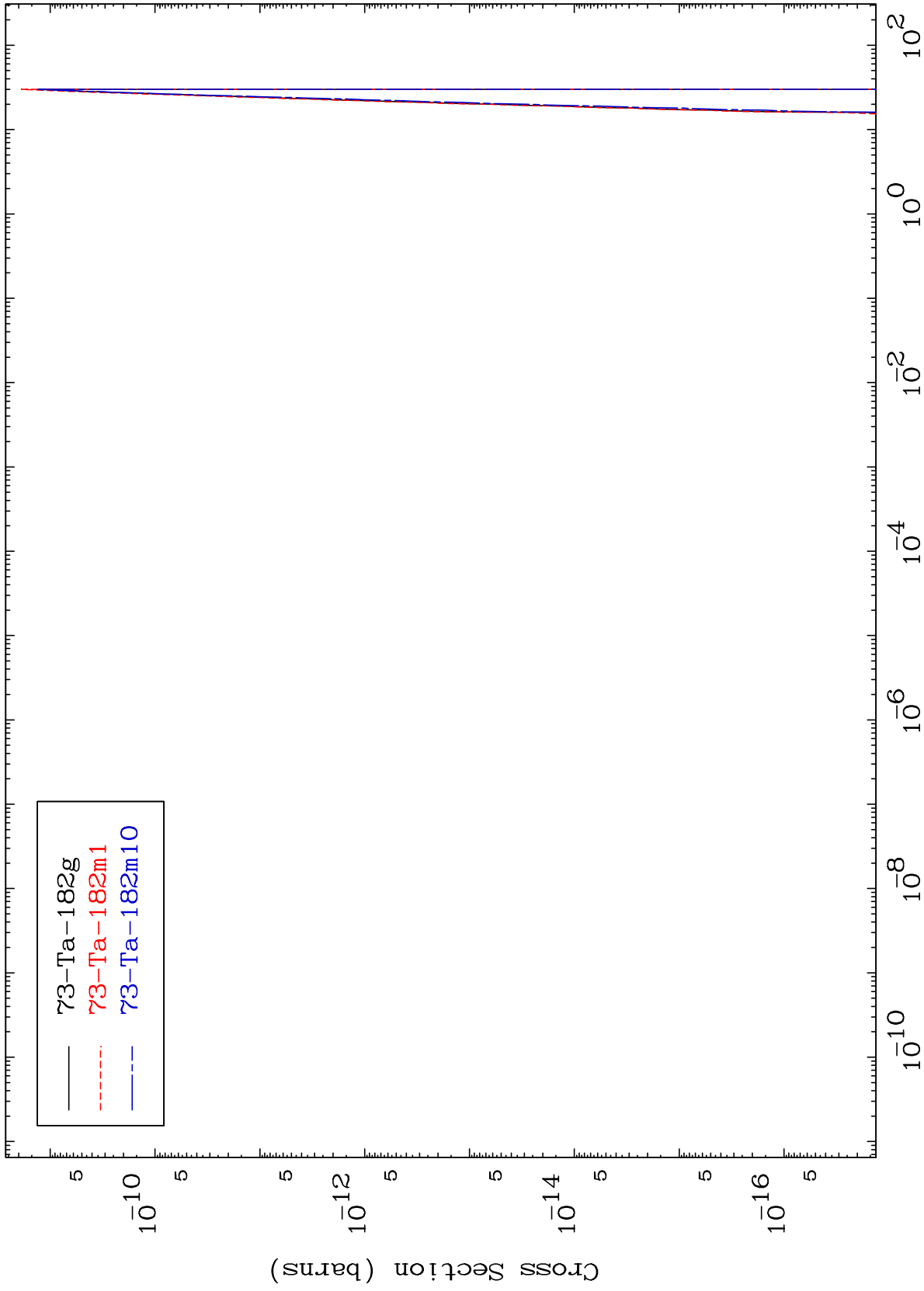
77-Ir-190

MAT 7722

(n,n') 2 α

77-Ir-190

Radionuclide Production Cross Section



131

Incident Energy (MeV)

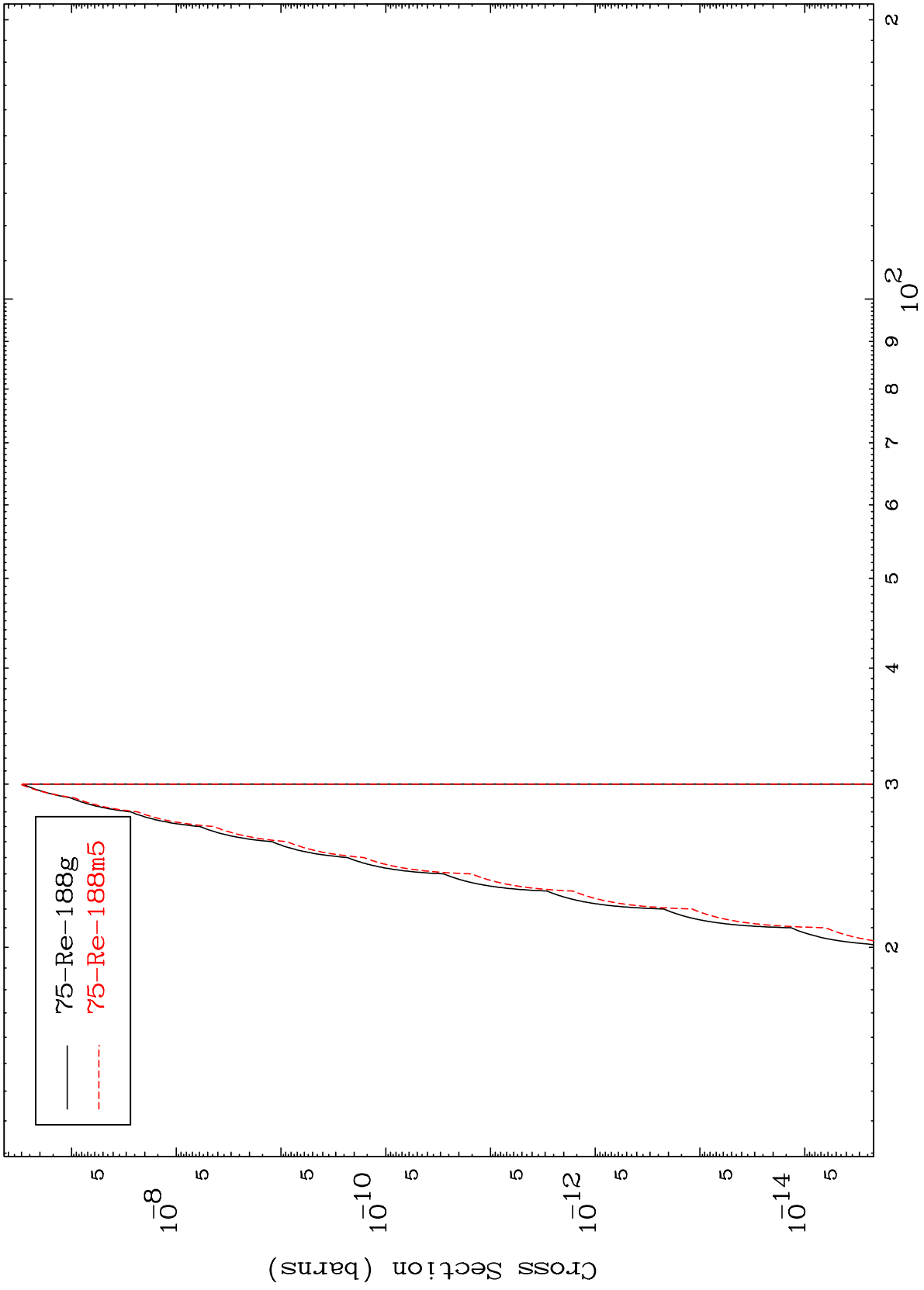
77-Ir-190

MAT 7722

(n,2n) p

77-Ir-190

Radionuclide Production Cross Section



132

Incident Energy (MeV)

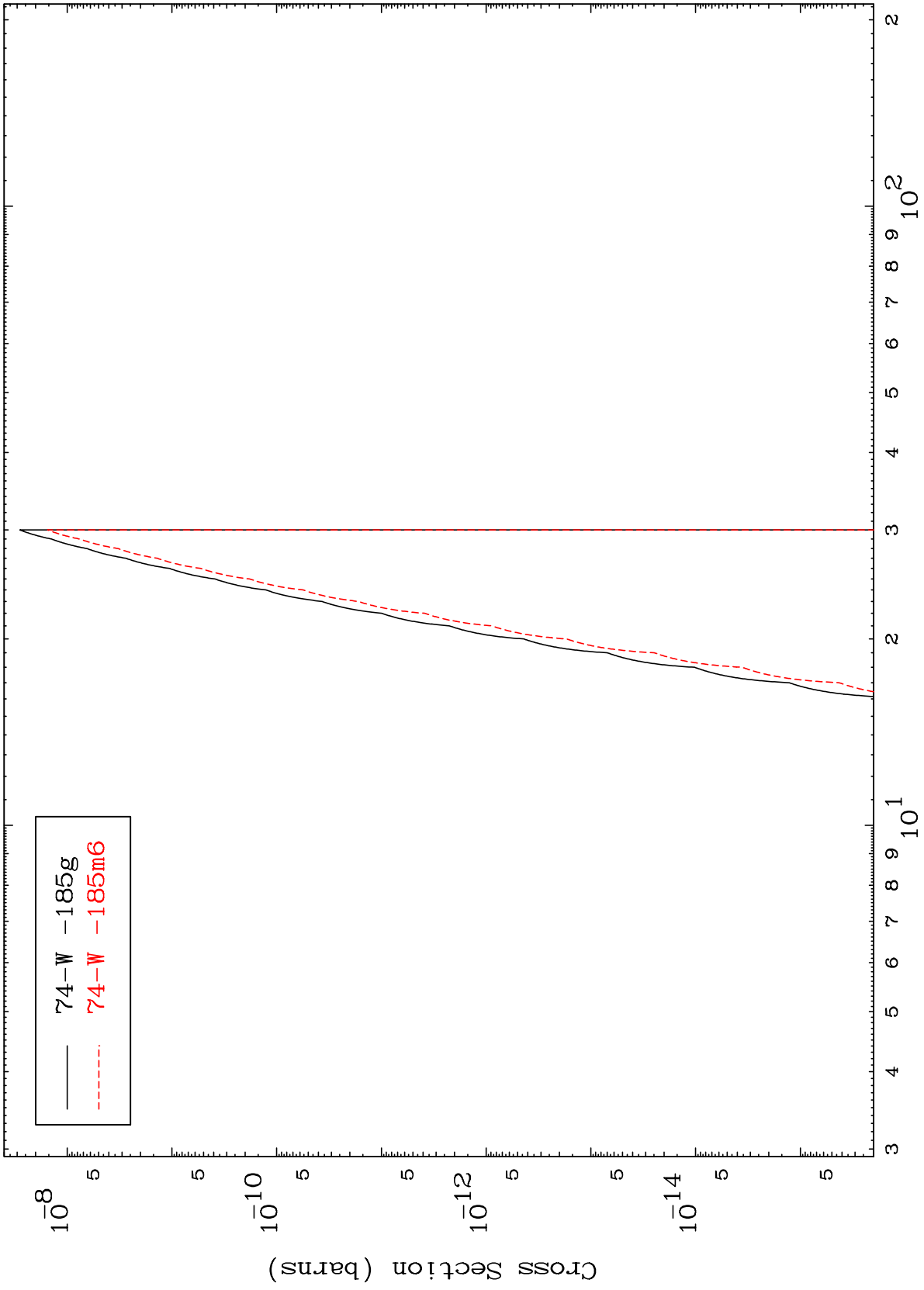
77-Ir-190

MAT 7722

(n,n') p α

77-Ir-190

Radionuclide Production Cross Section



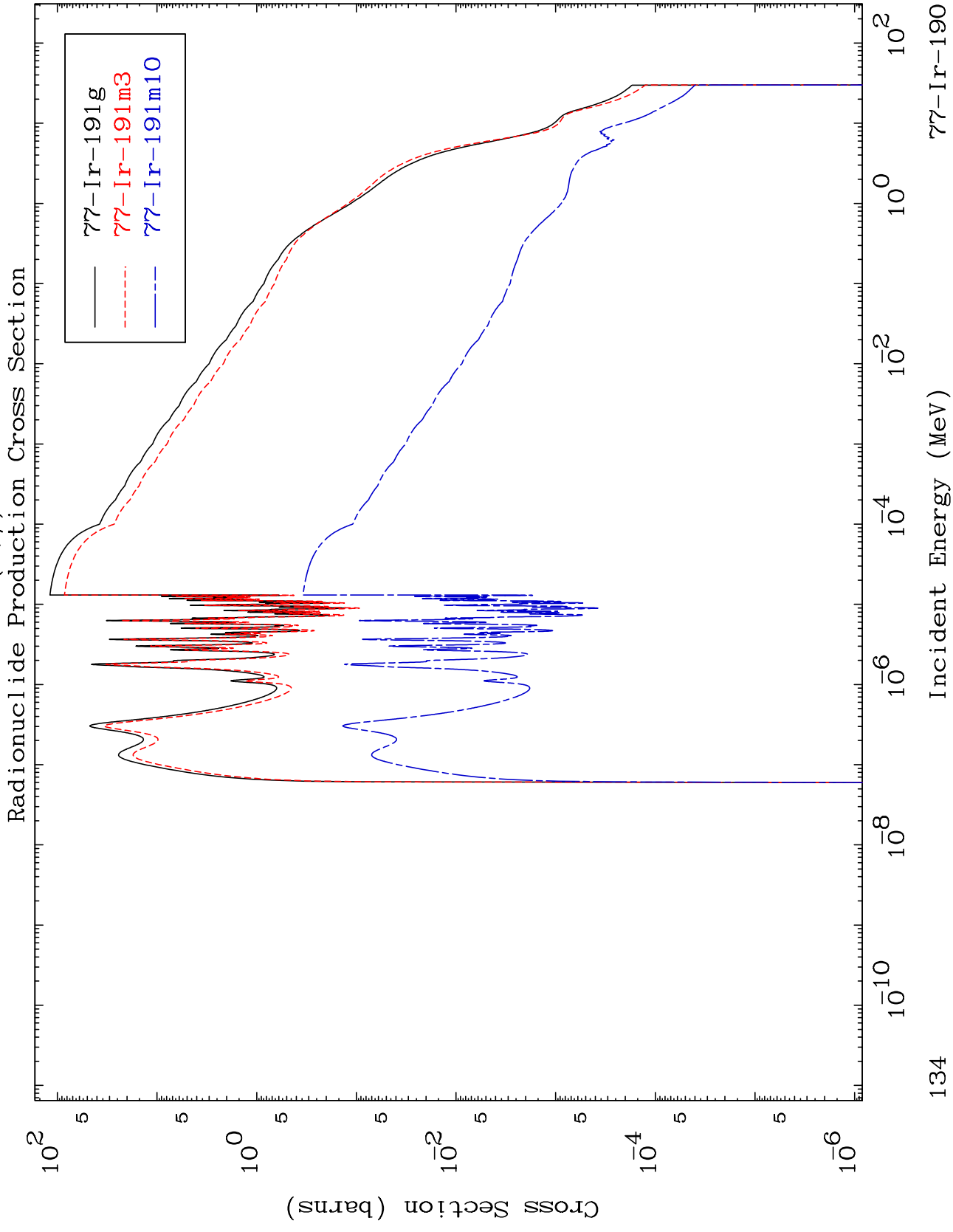
133

Incident Energy (MeV)

77-Ir-190

MAT 7722

77-Ir-190

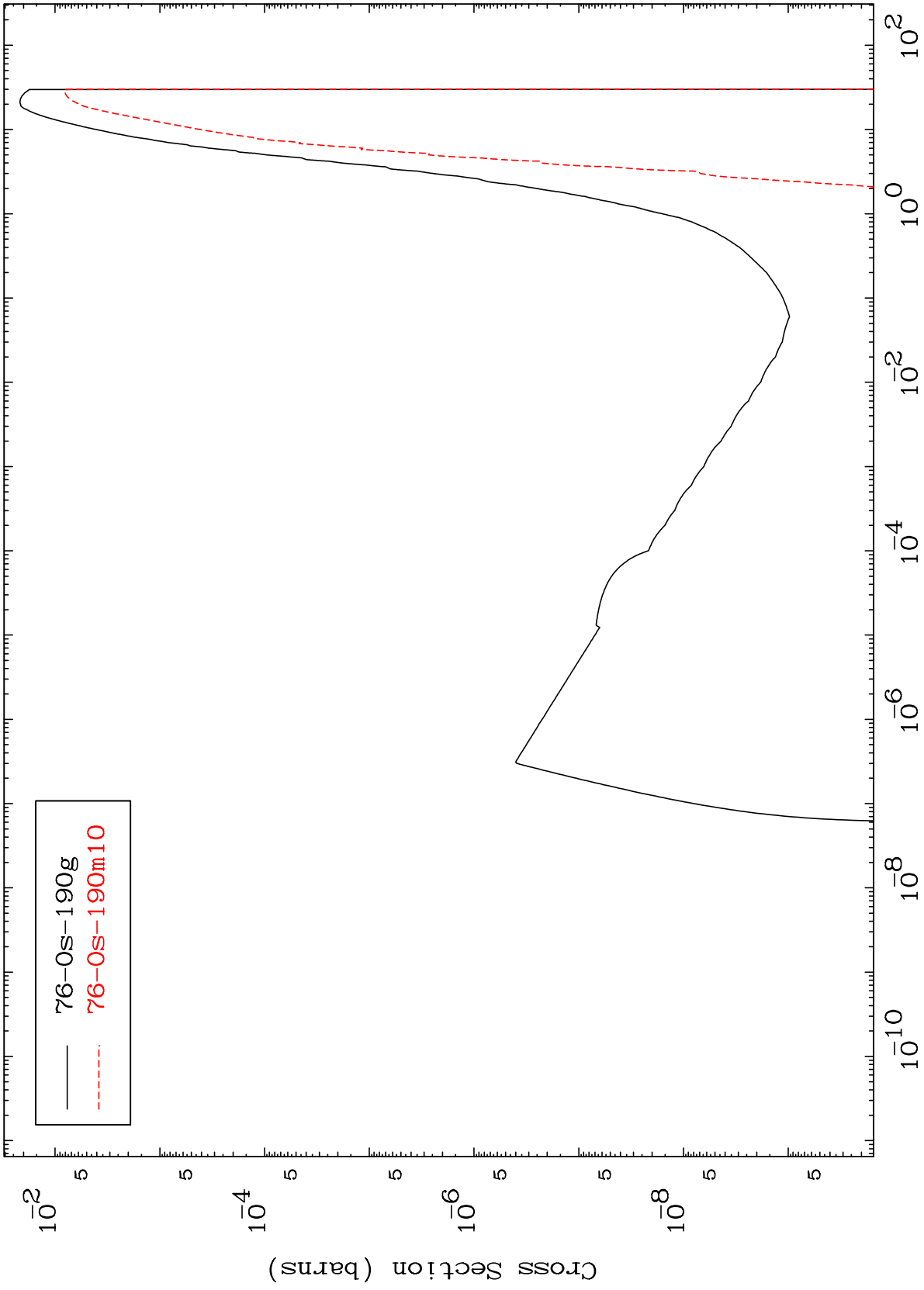


MAT 7722

(n,p)

77-Ir-190

Radionuclide Production Cross Section

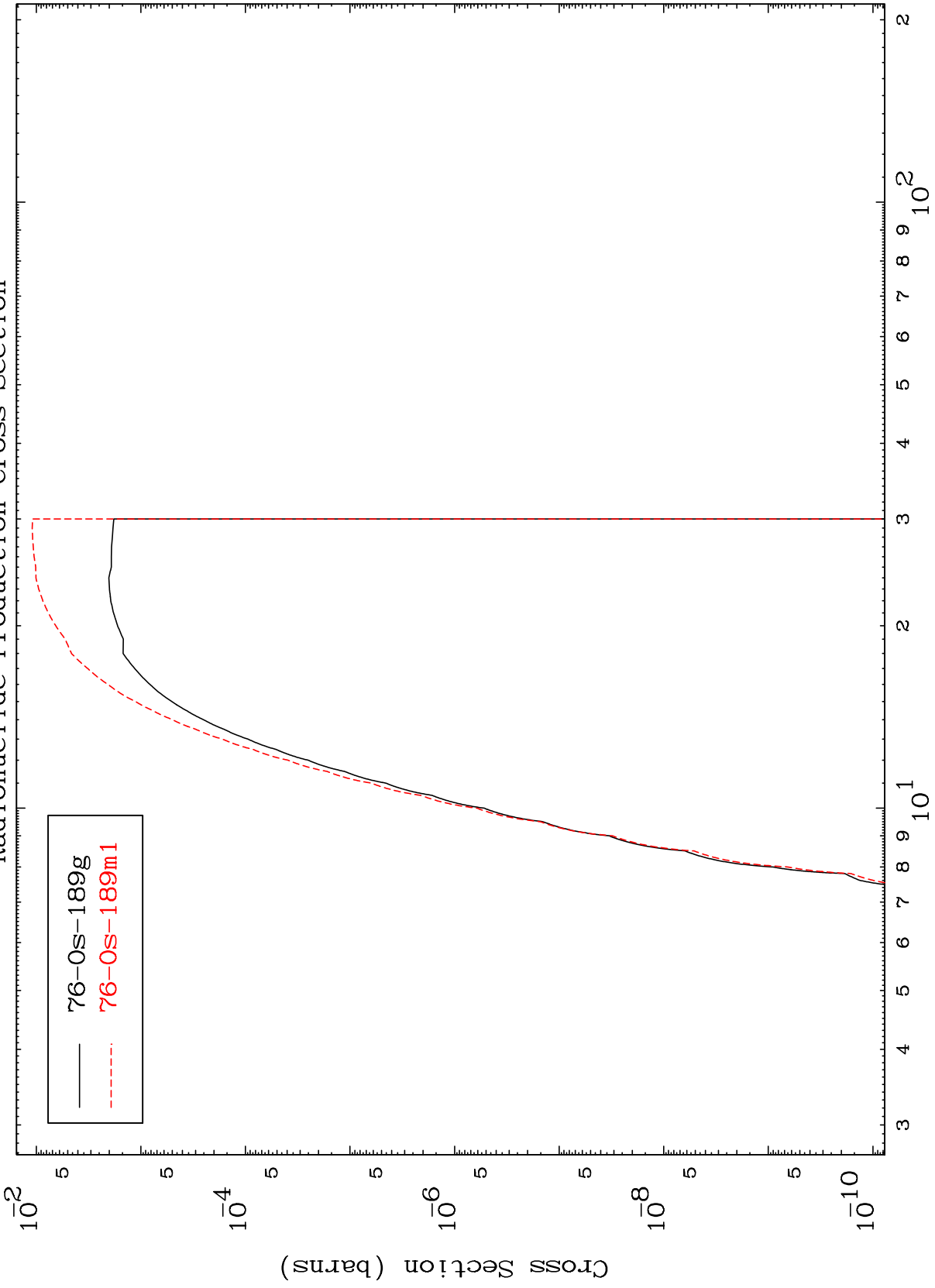


— 76-Os-190g
- - - 76-Os-190m10

MAT 7722

⁷⁷Ir-190

(n,d)
Radionuclide Production Cross Section



— 76-Os-189g
- - - 76-Os-189m1

136

⁷⁷Ir-190

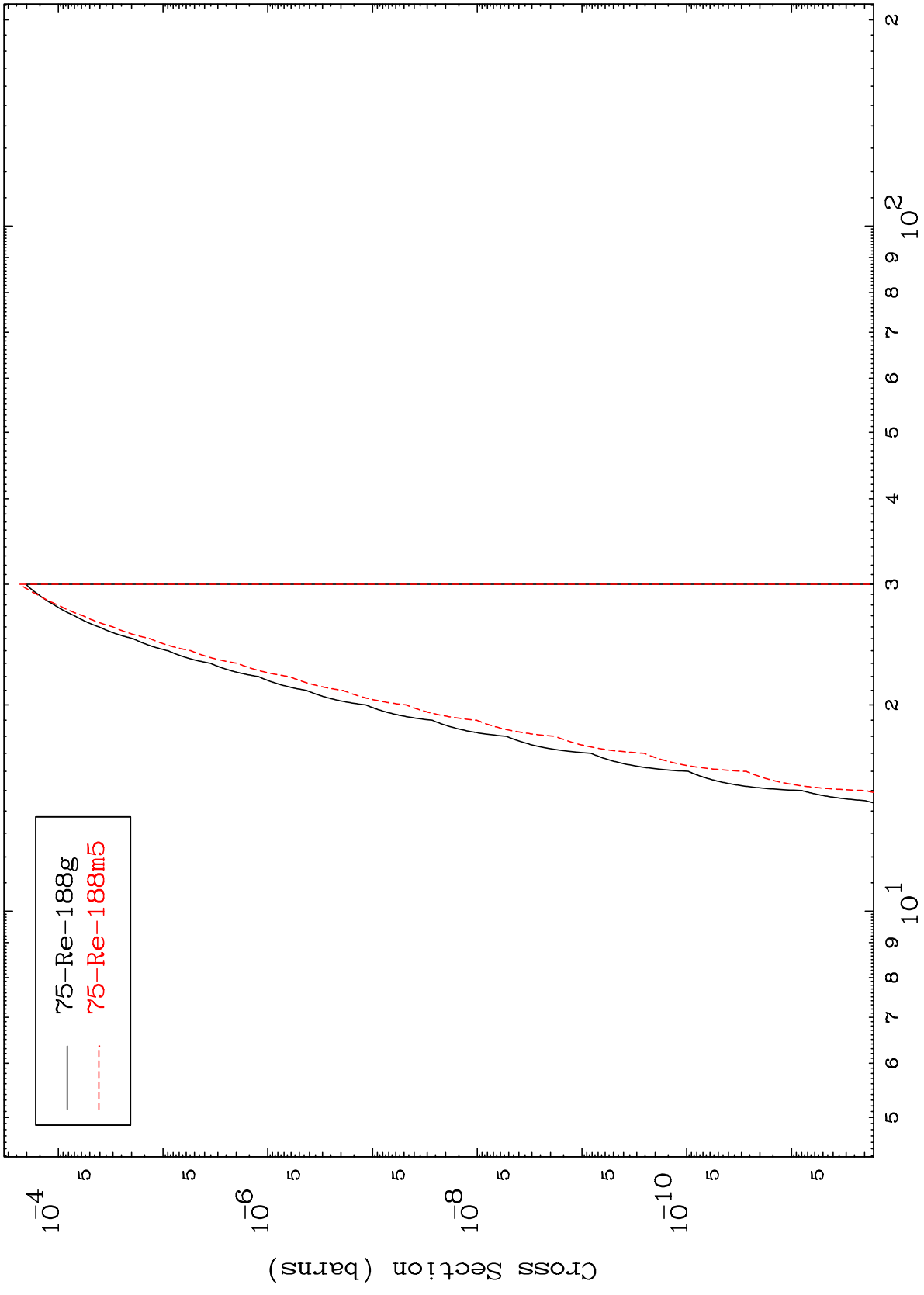
Incident Energy (MeV)

MAT 7722

(n, He-3)

77-Ir-190

Radionuclide Production Cross Section



137

Incident Energy (MeV)

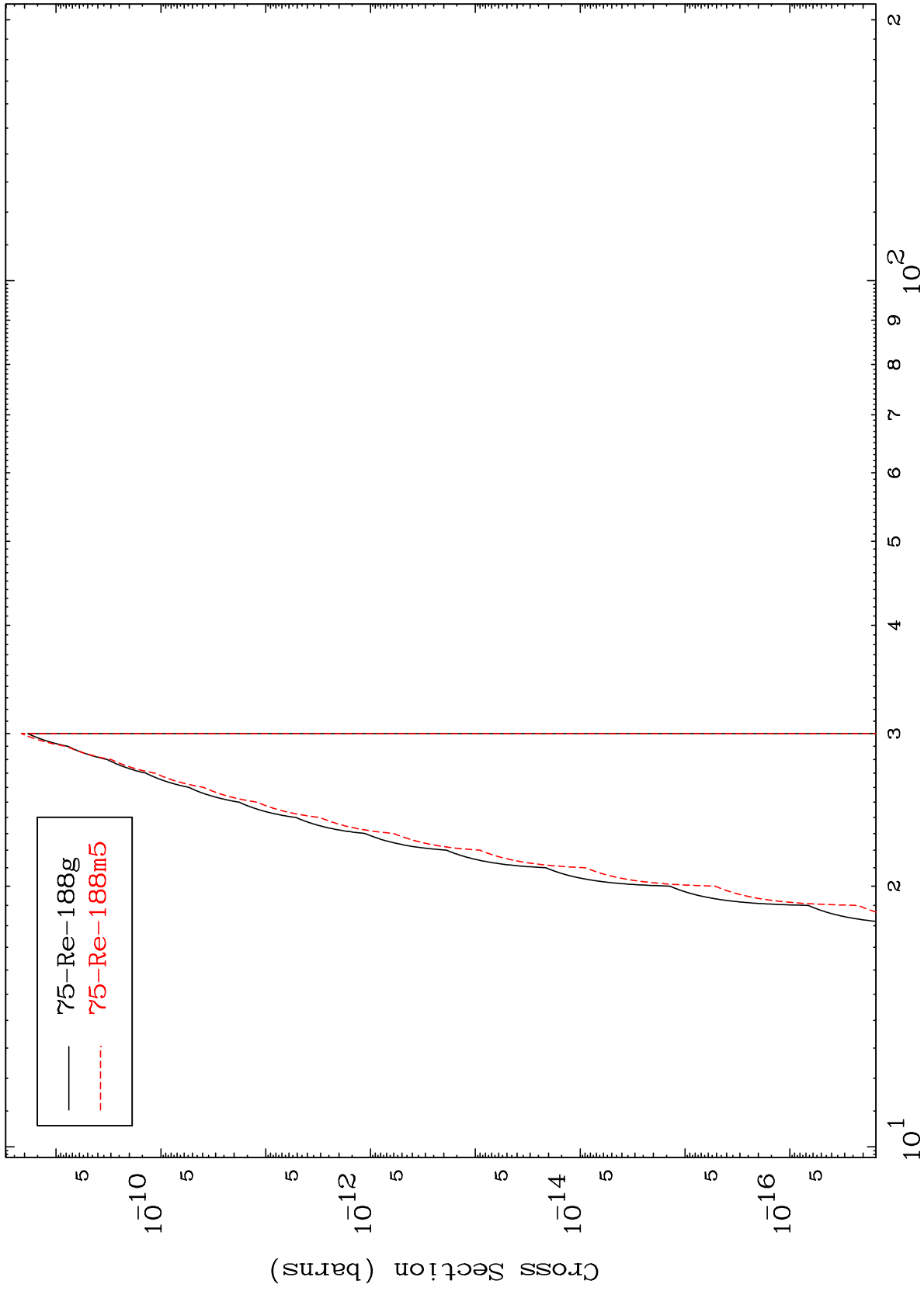
77-Ir-190

MAT 7722

(n,p) d

77-Ir-190

Radionuclide Production Cross Section



138

Incident Energy (MeV)

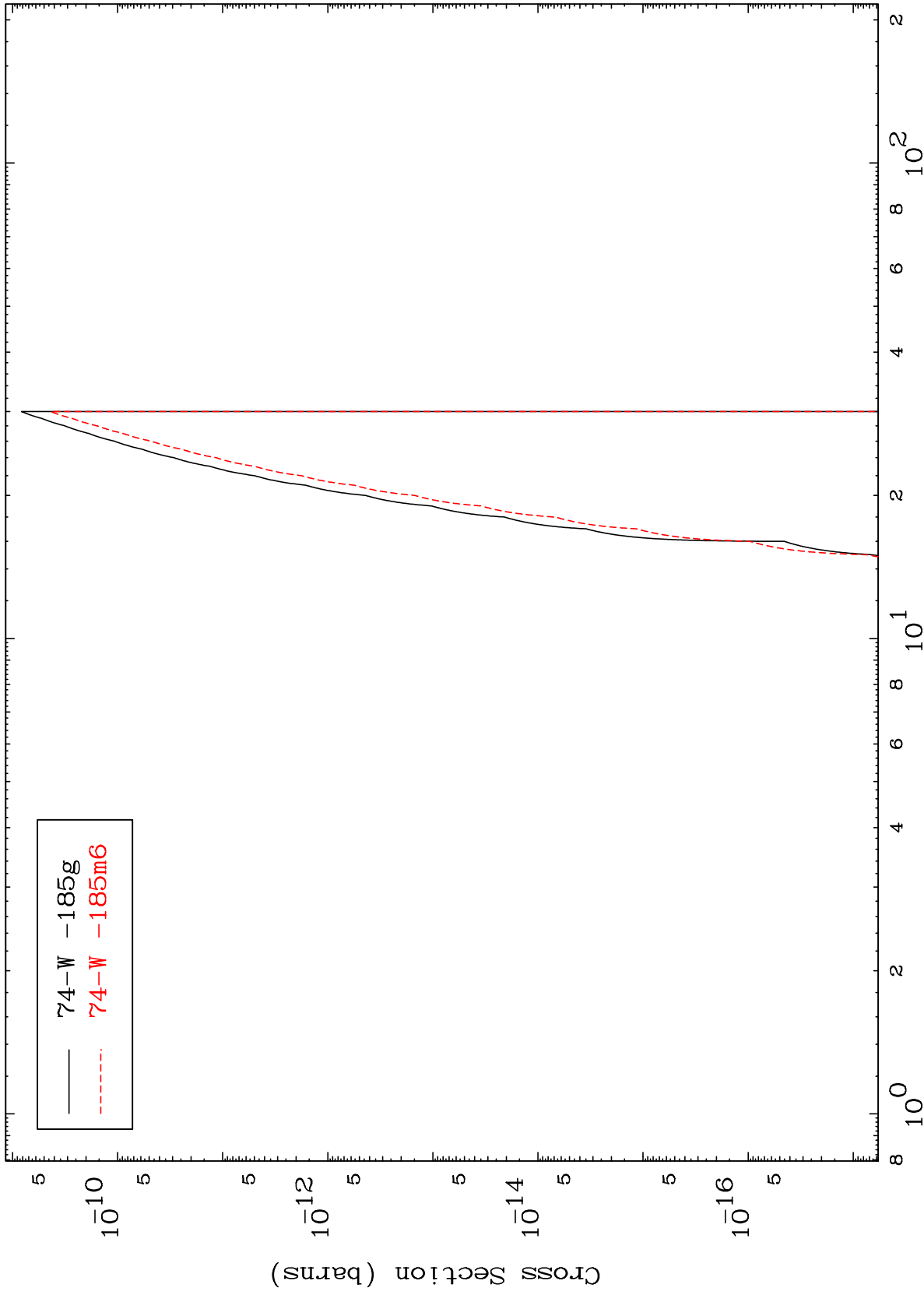
77-Ir-190

MAT 7722

(n,d) α

77-Ir-190

Radionuclide Production Cross Section



139

Incident Energy (MeV)

77-Ir-190