

Program EVALPLOT
(Version 2018-1)

by

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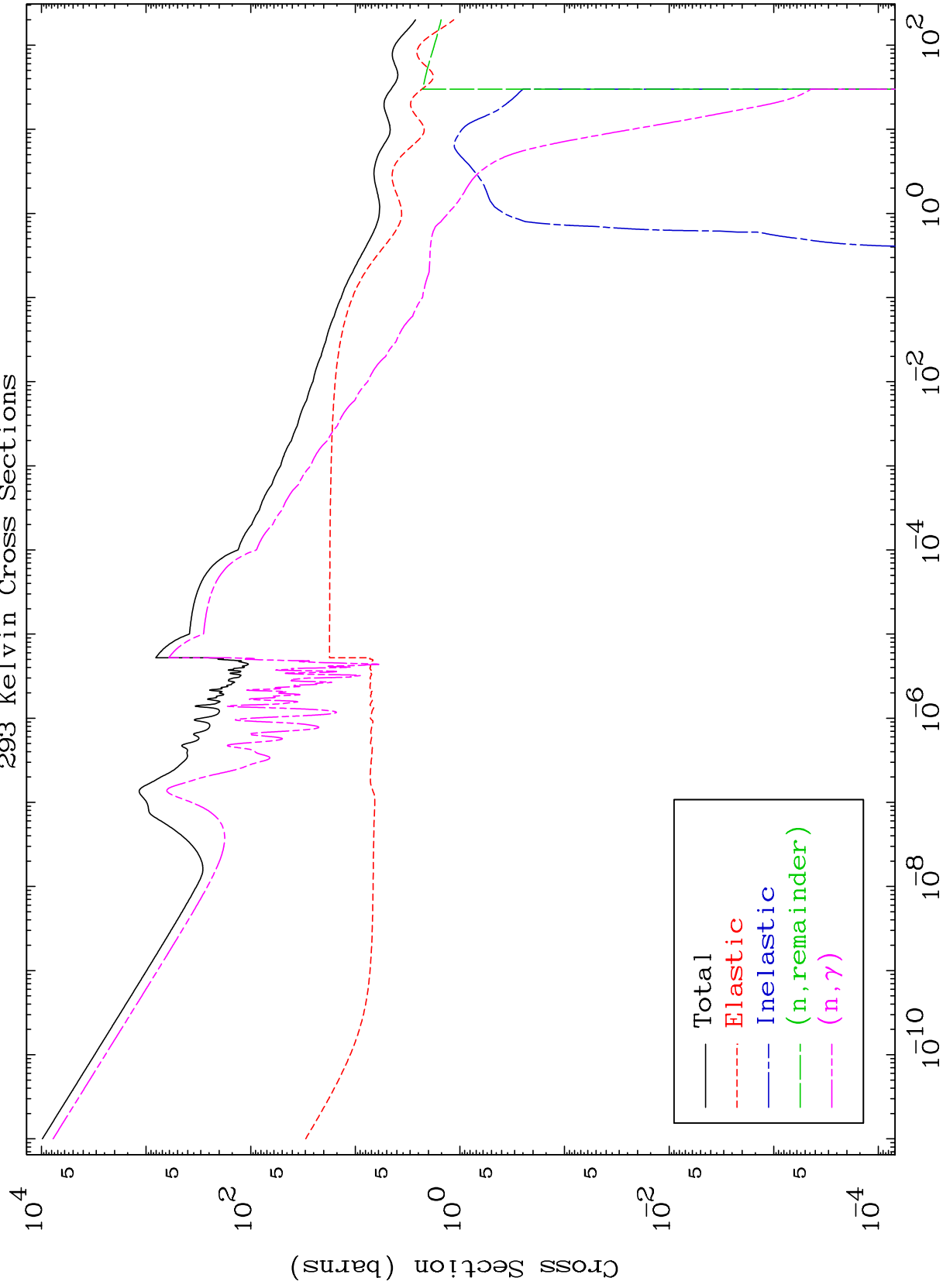
Press Mouse Button to Start

MAT 7671

Major

293 Kelvin Cross Sections

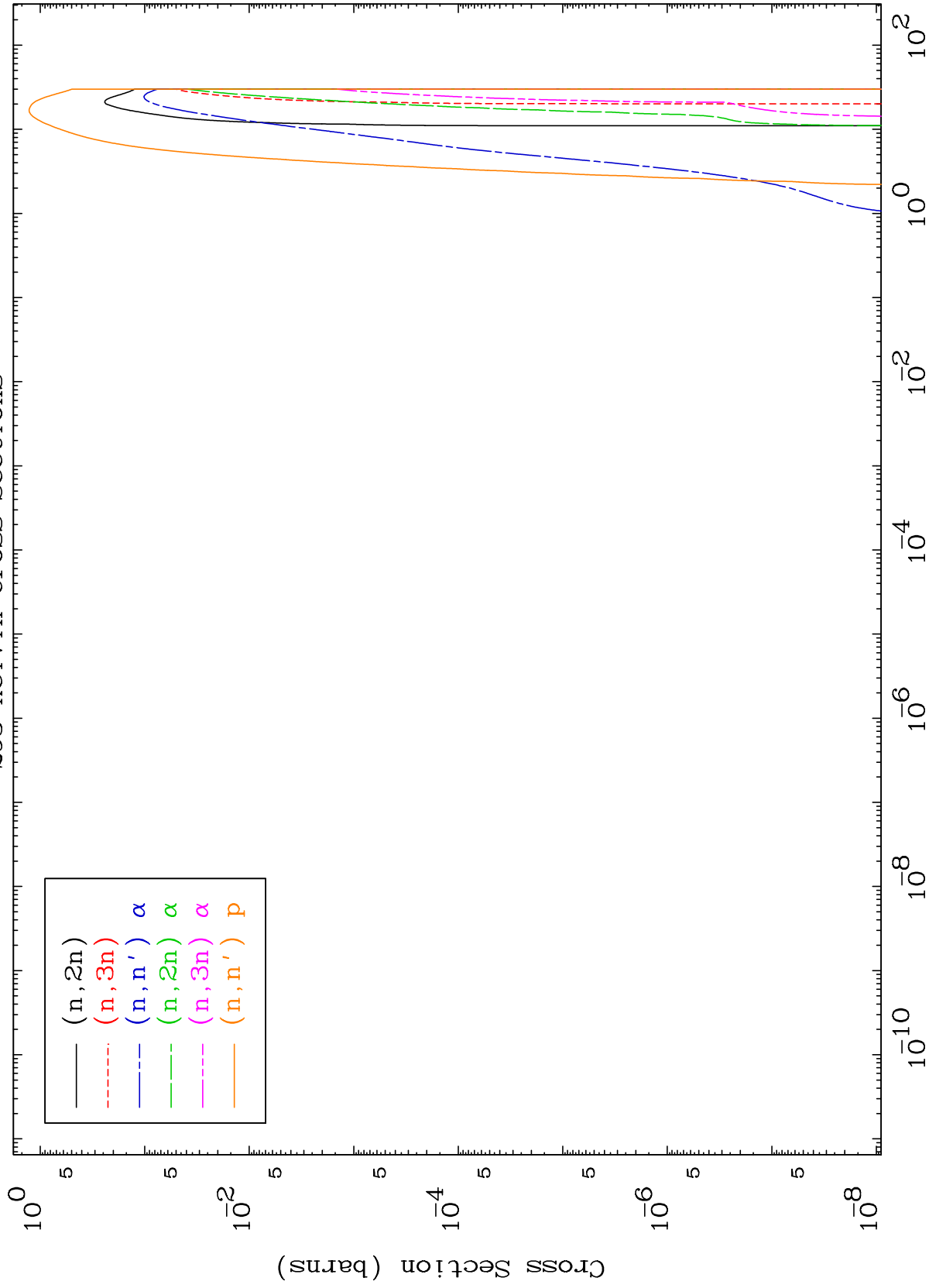
77-Ir-173



MAT 7671

Neutron Production
293 Kelvin Cross Sections

77-Ir-173



2

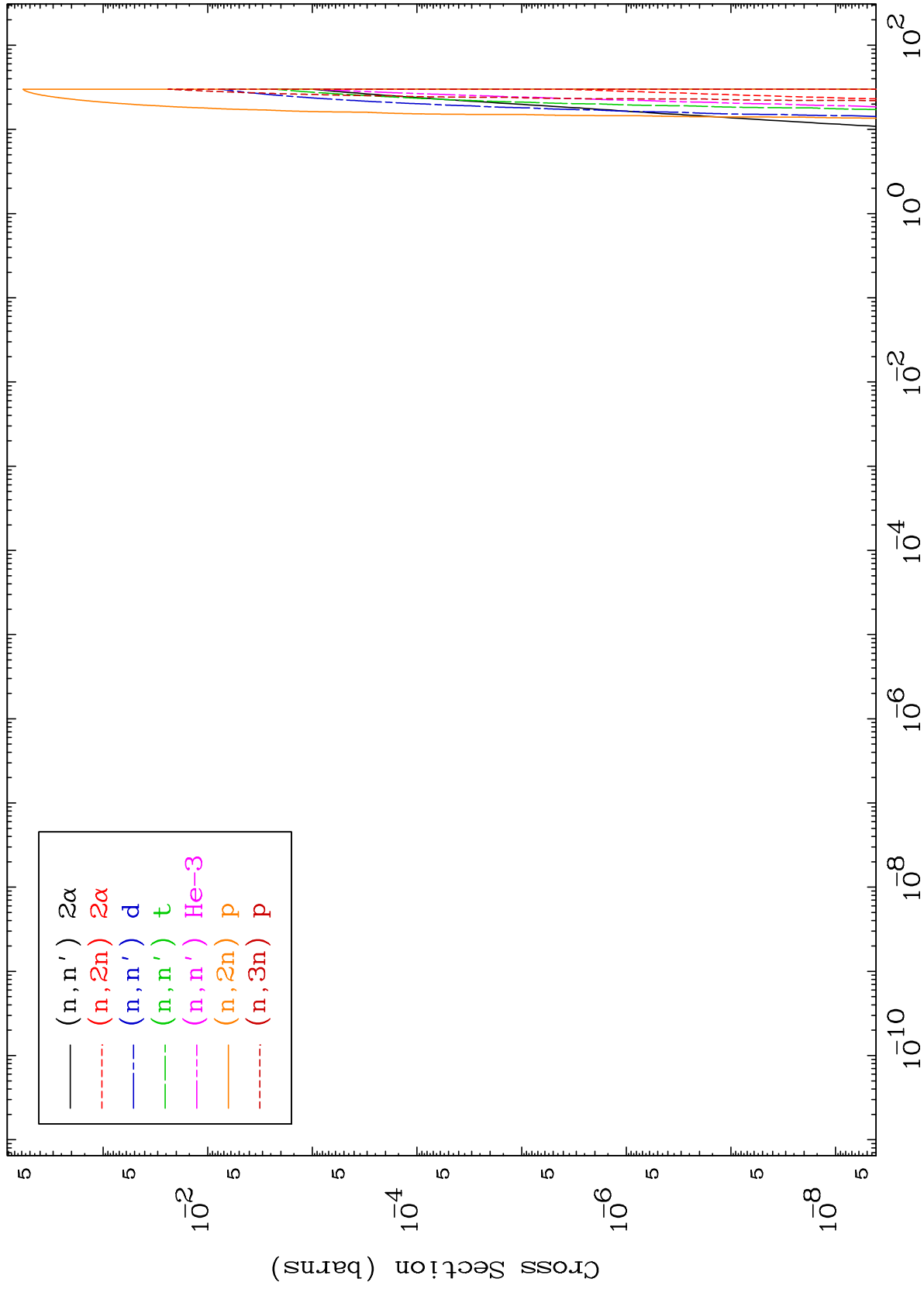
Incident Energy (MeV)

77-Ir-173

MAT 7671

Neutron Production
293 Kelvin Cross Sections

77-Ir-173



3

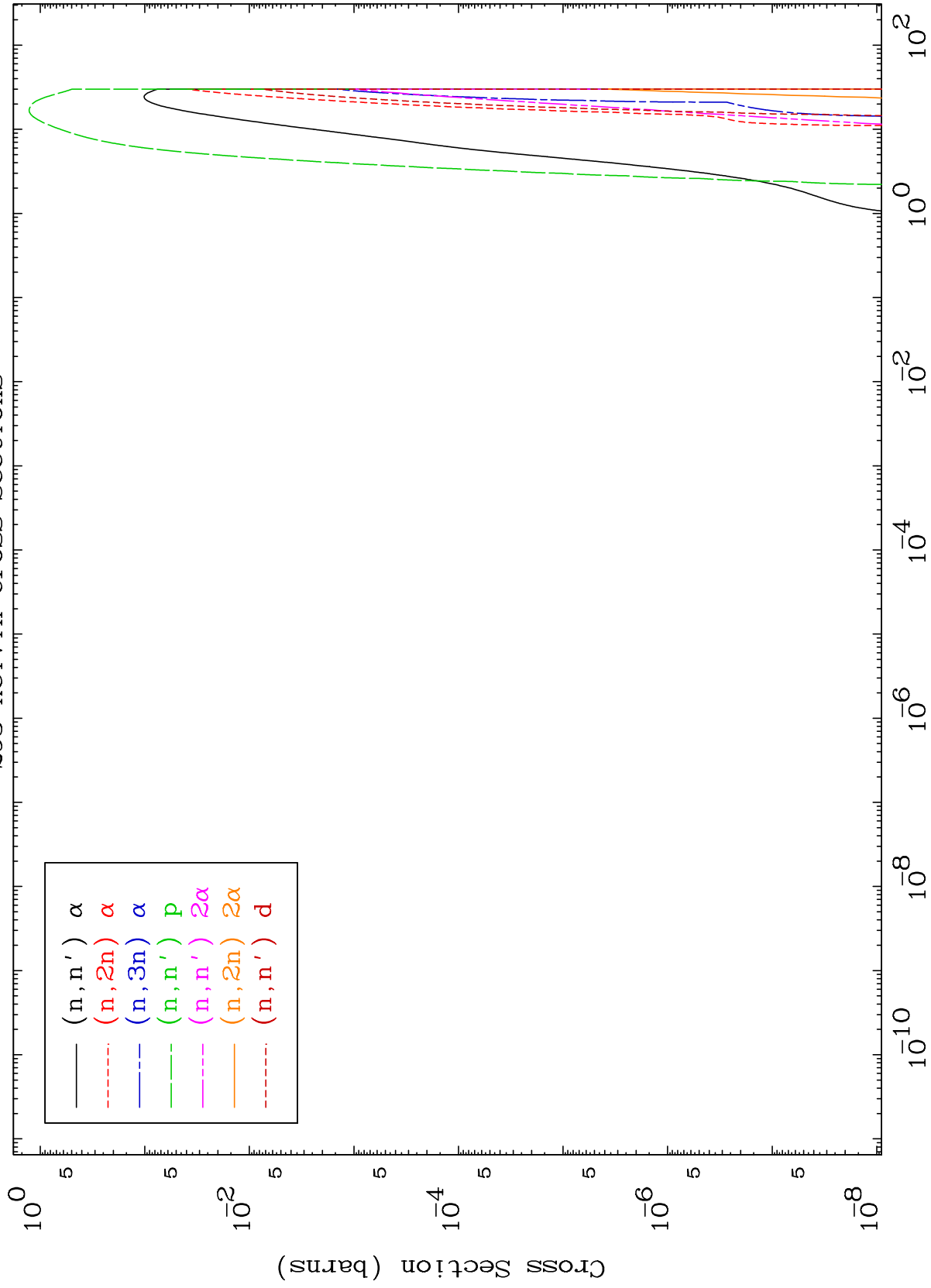
Incident Energy (MeV)

77-Ir-173

MAT 7671

293 Kelvin Cross Sections

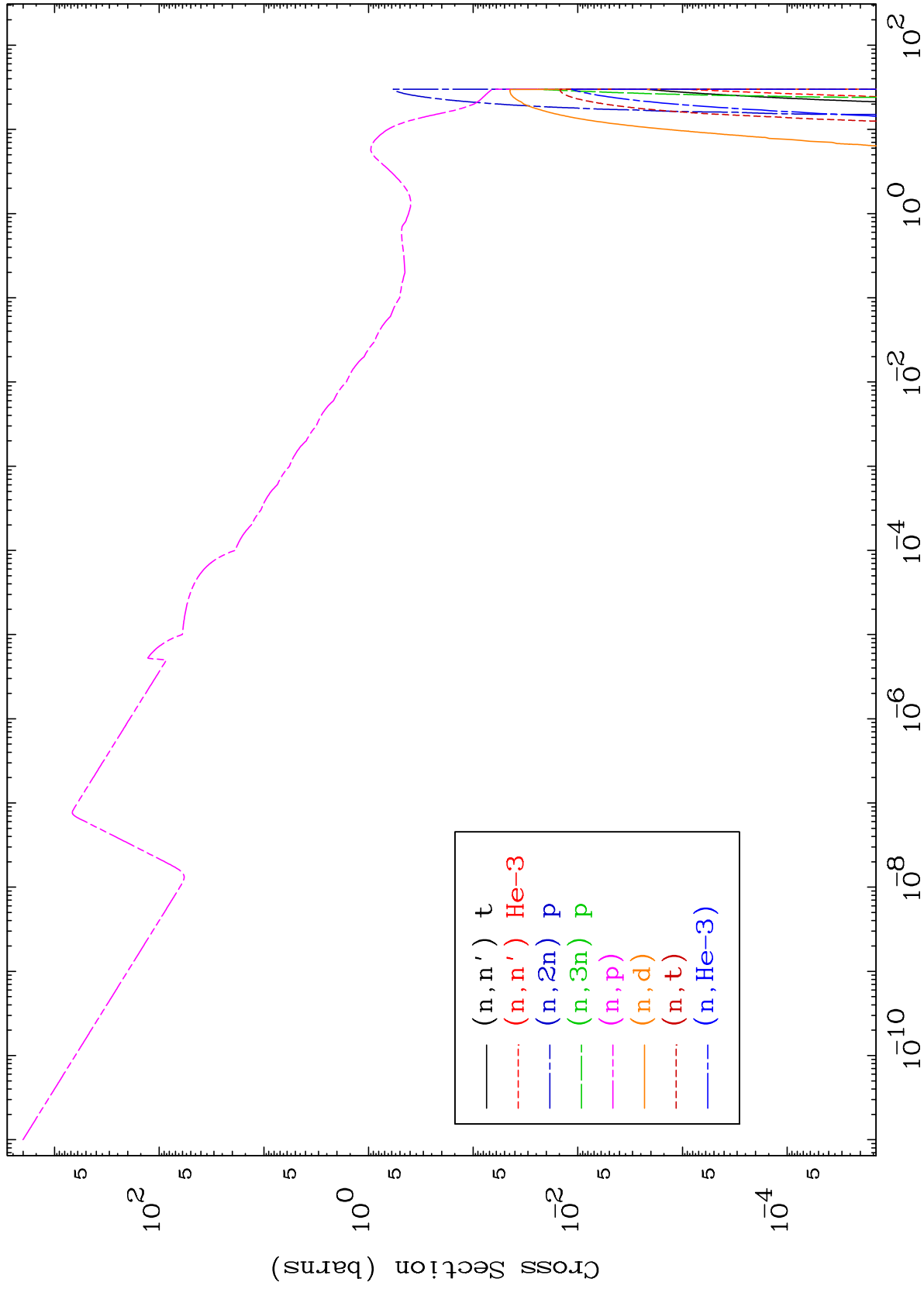
77-Ir-173



MAT 7671

293 Kelvin Cross Sections

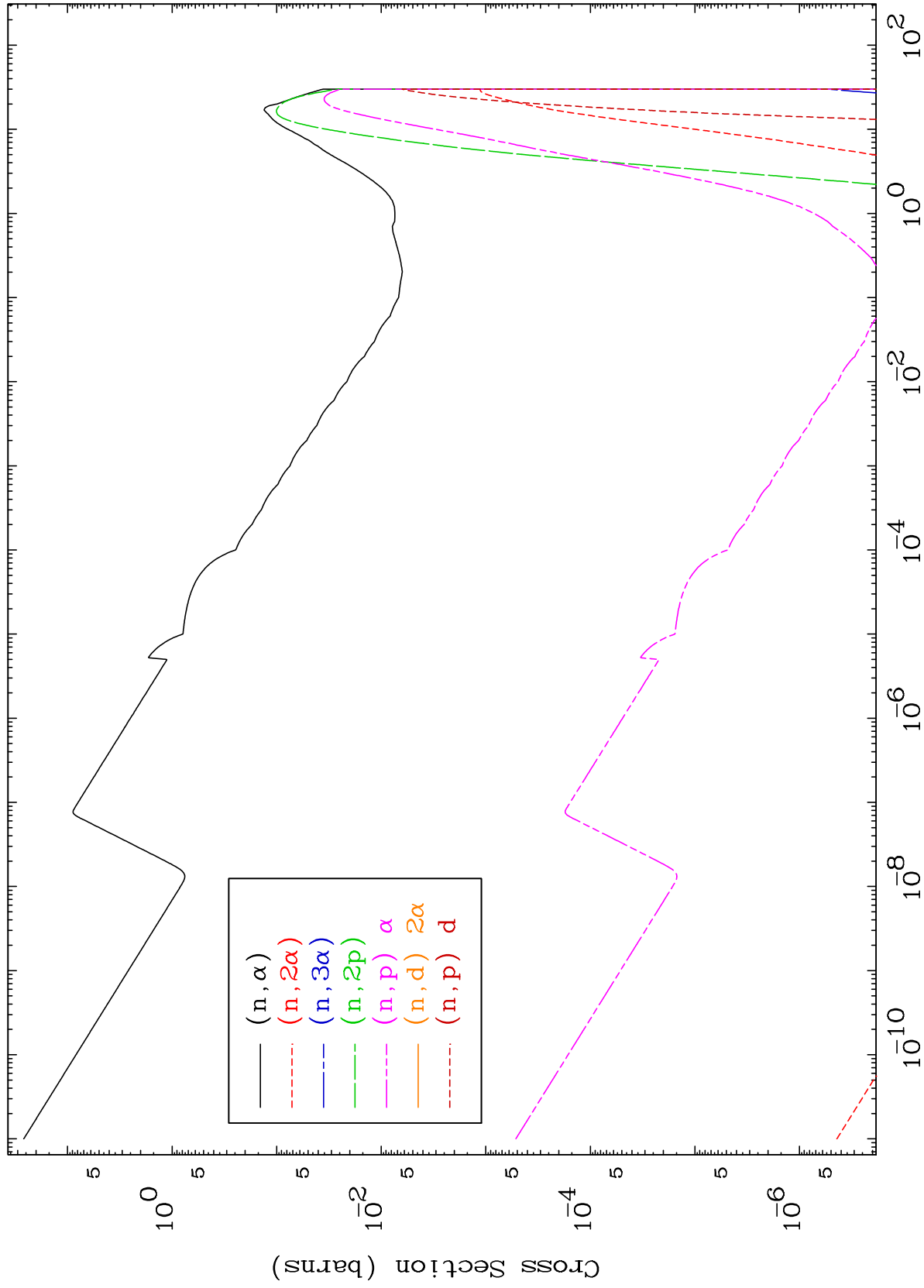
77-Ir-173

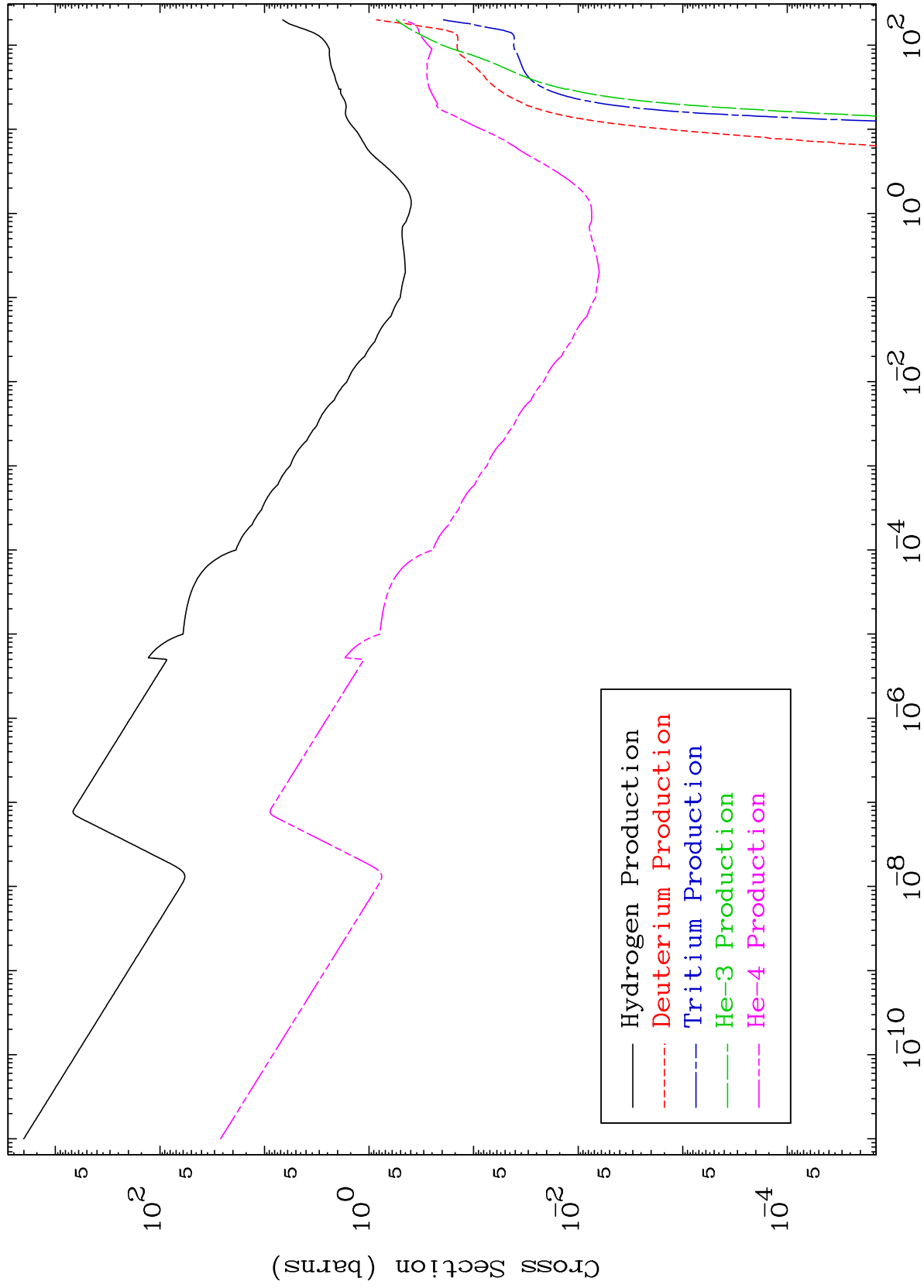


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Incident Energy (MeV)

77-Ir-173



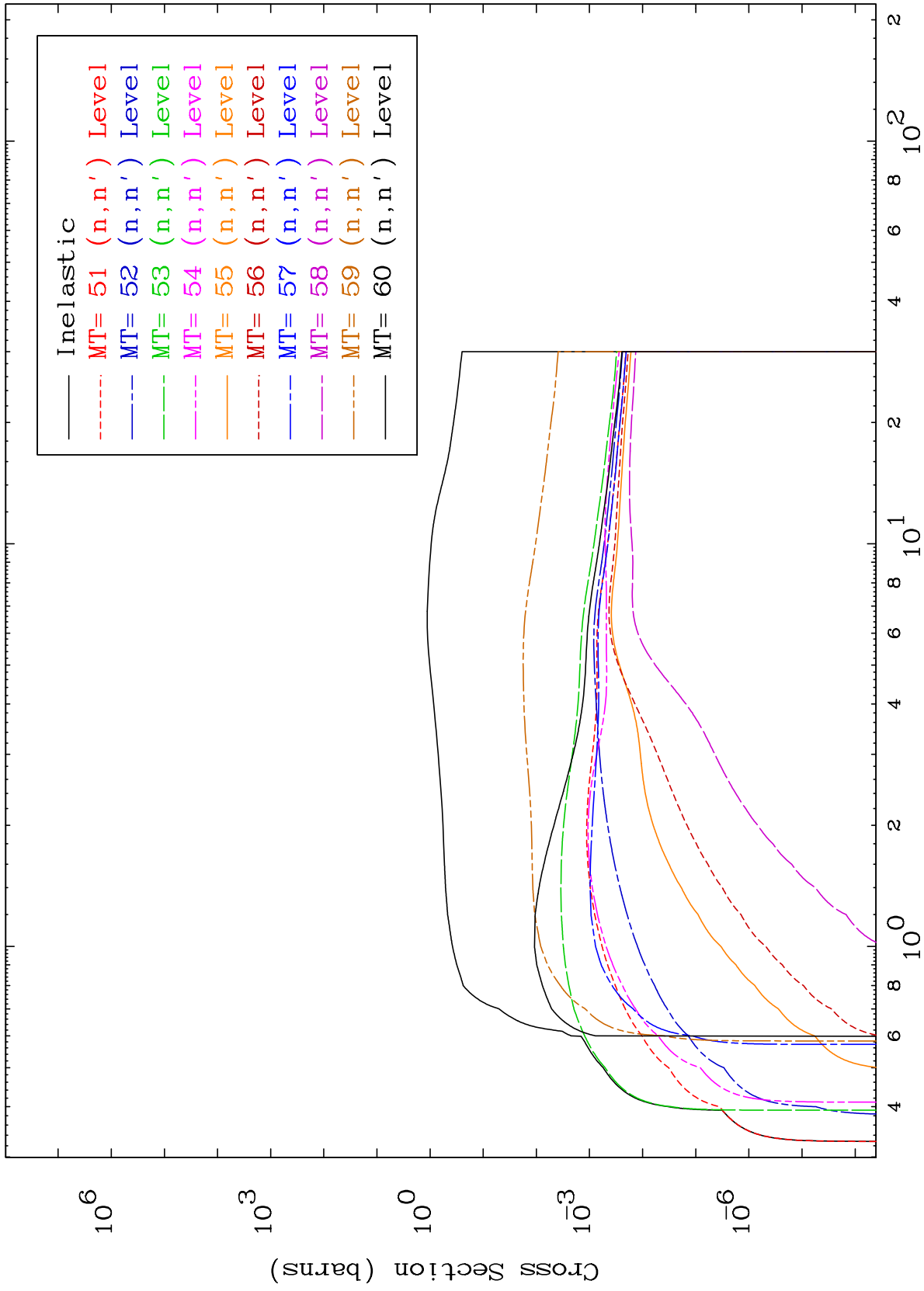


MAT 7671

(n,n') Level

293 Kelvin Cross Sections

77-Ir-173



8

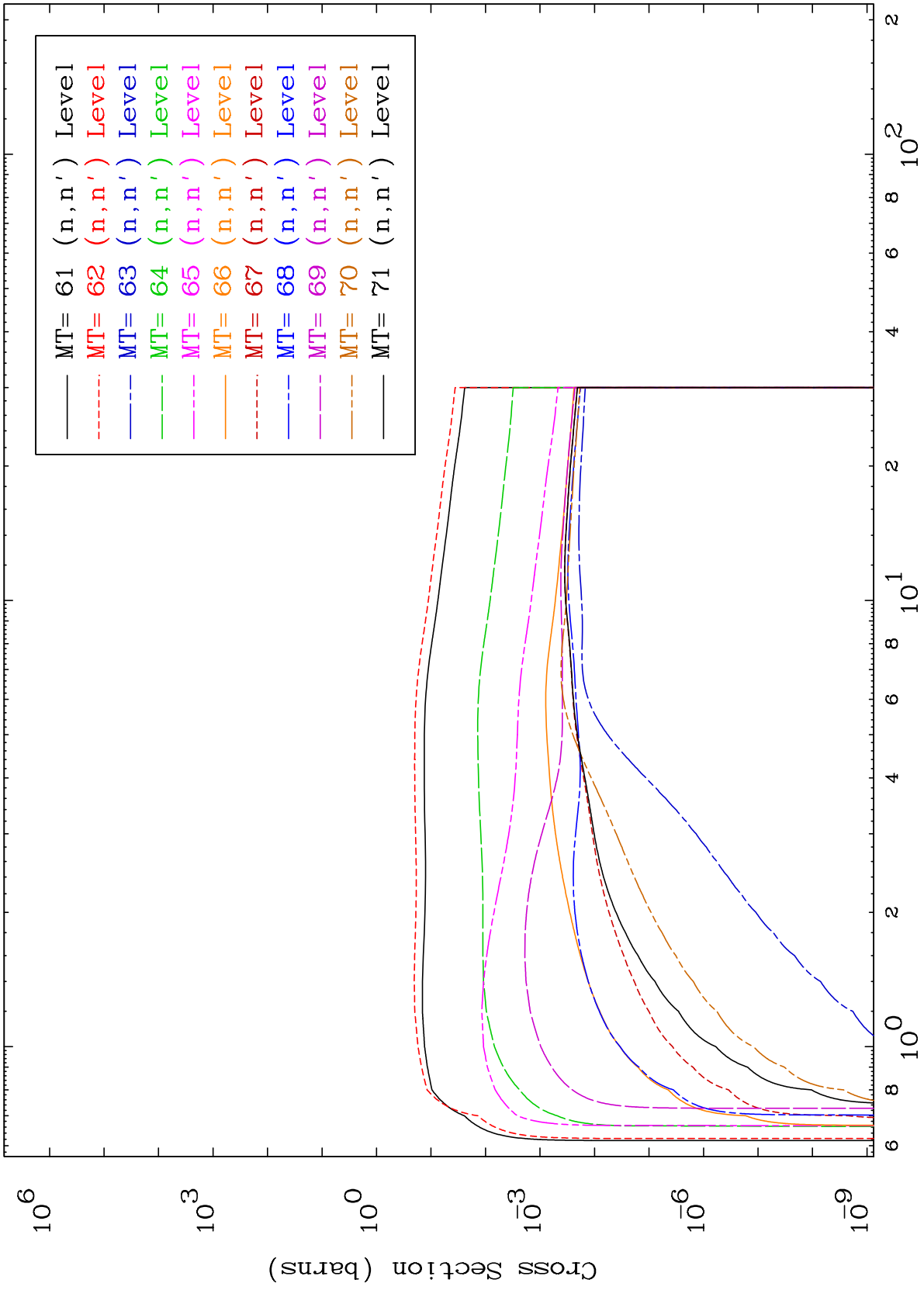
Incident Energy (MeV)

77-Ir-173

MAT 7671

(n,n') Level
293 Kelvin Cross Sections

77-Ir-173



Incident Energy (MeV)

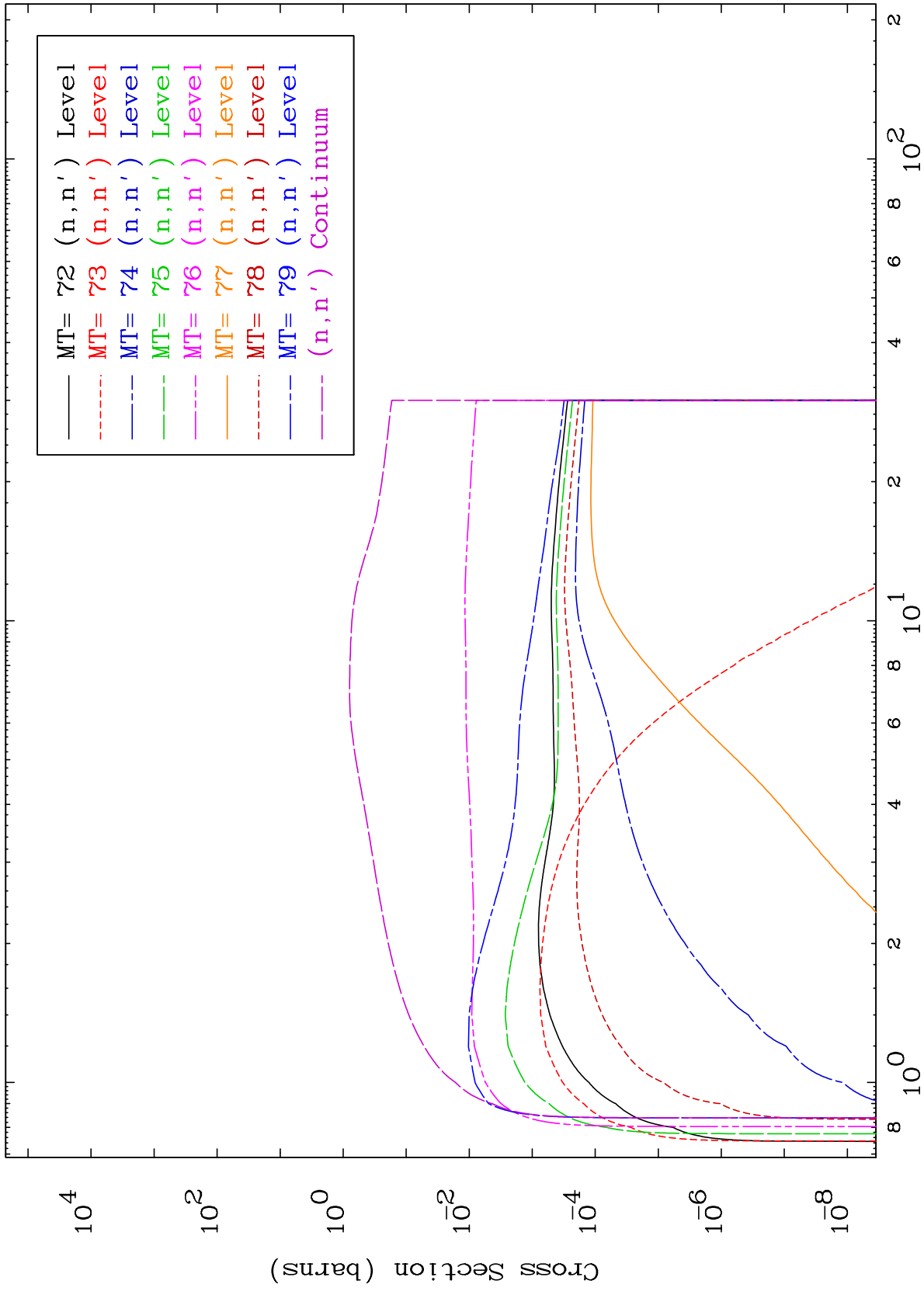
77-Ir-173

9

MAT 7671

(n,n') Level
293 Kelvin Cross Sections

77-Ir-173



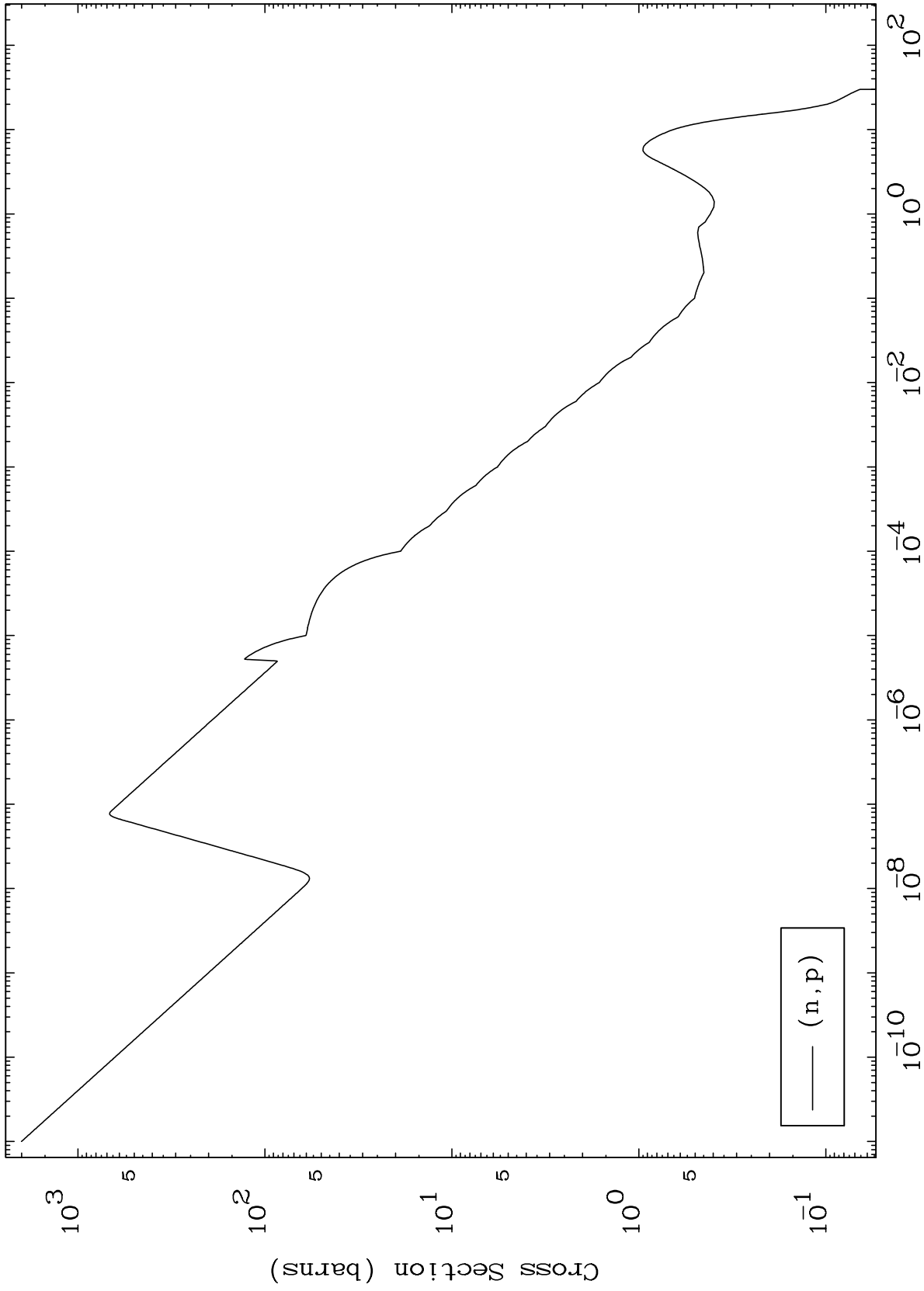
Incident Energy (MeV)

77-Ir-173

MAT 7671

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-173



11

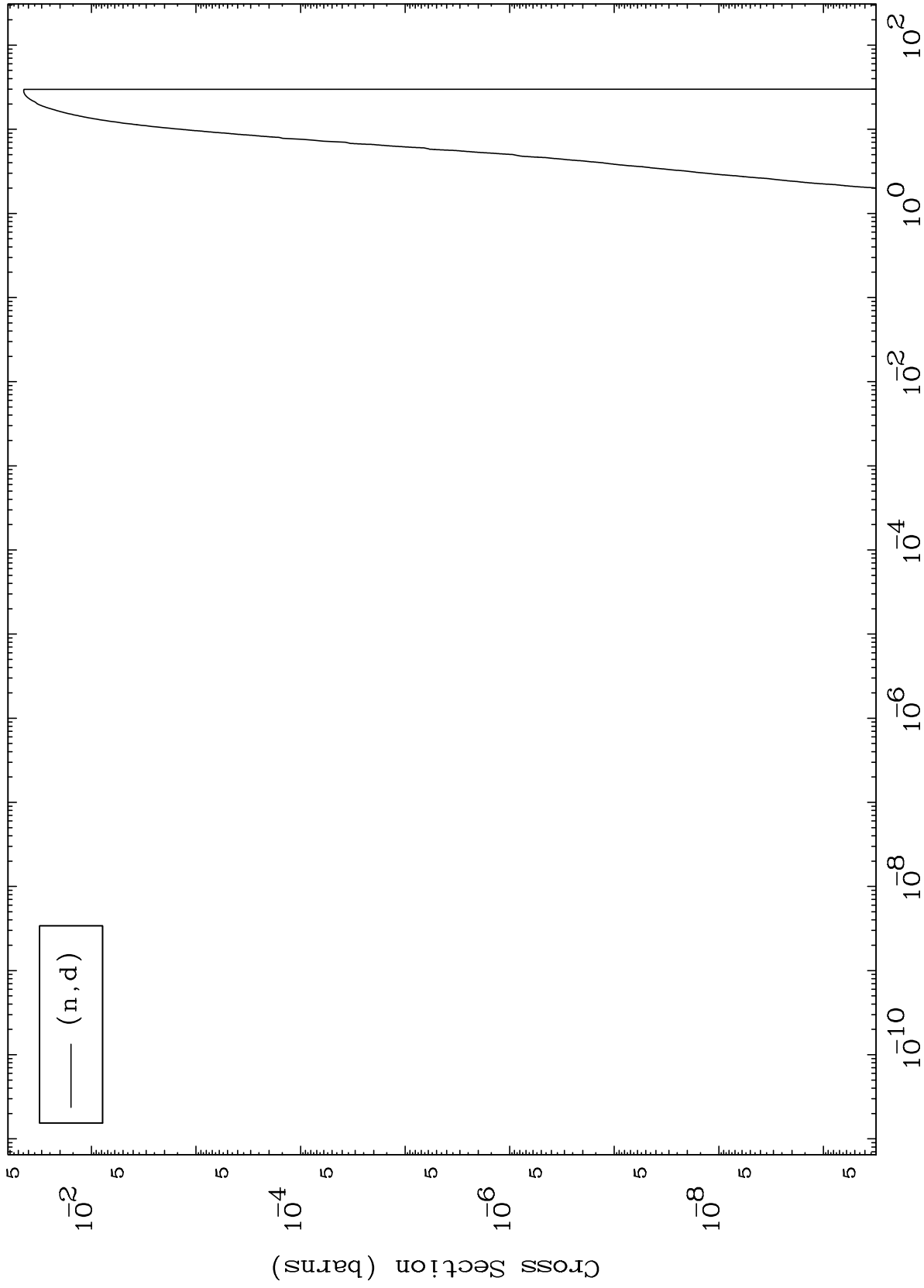
Incident Energy (MeV)

77-Ir-173

MAT 7671

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-173



12

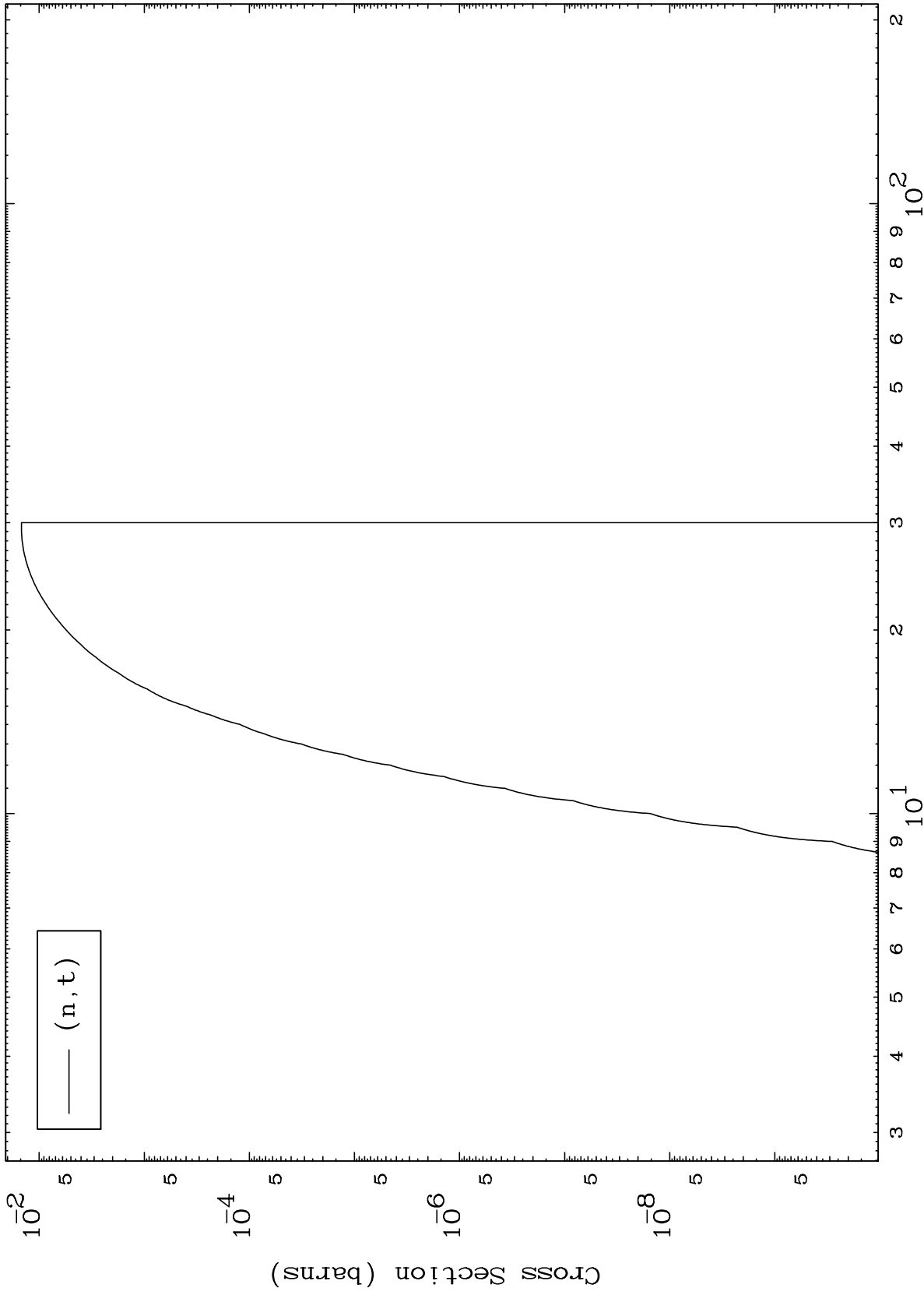
Incident Energy (MeV)

77-Ir-173

MAT 7671

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-173



13

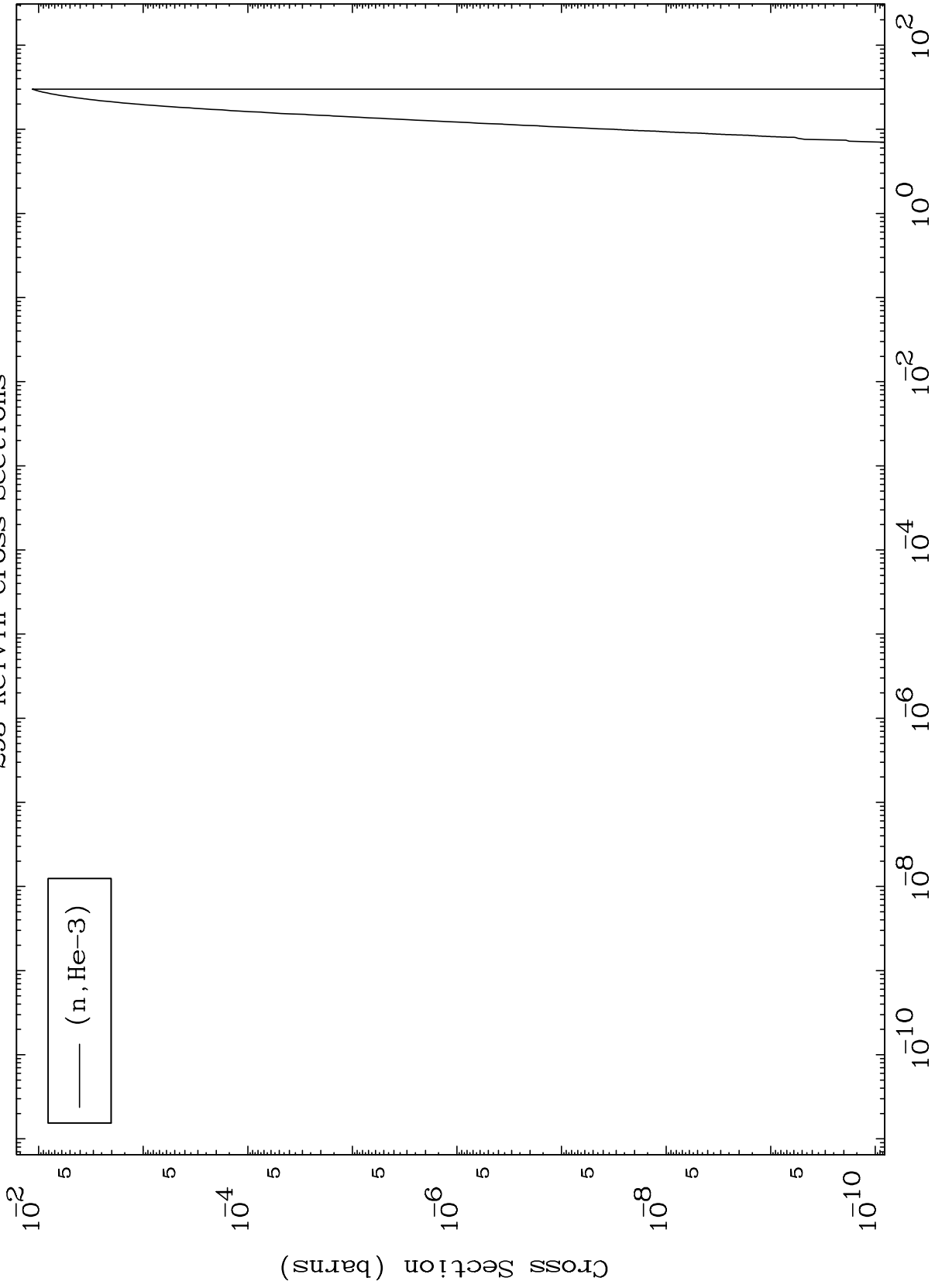
Incident Energy (MeV)

77-Ir-173

MAT 7671

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-173



14

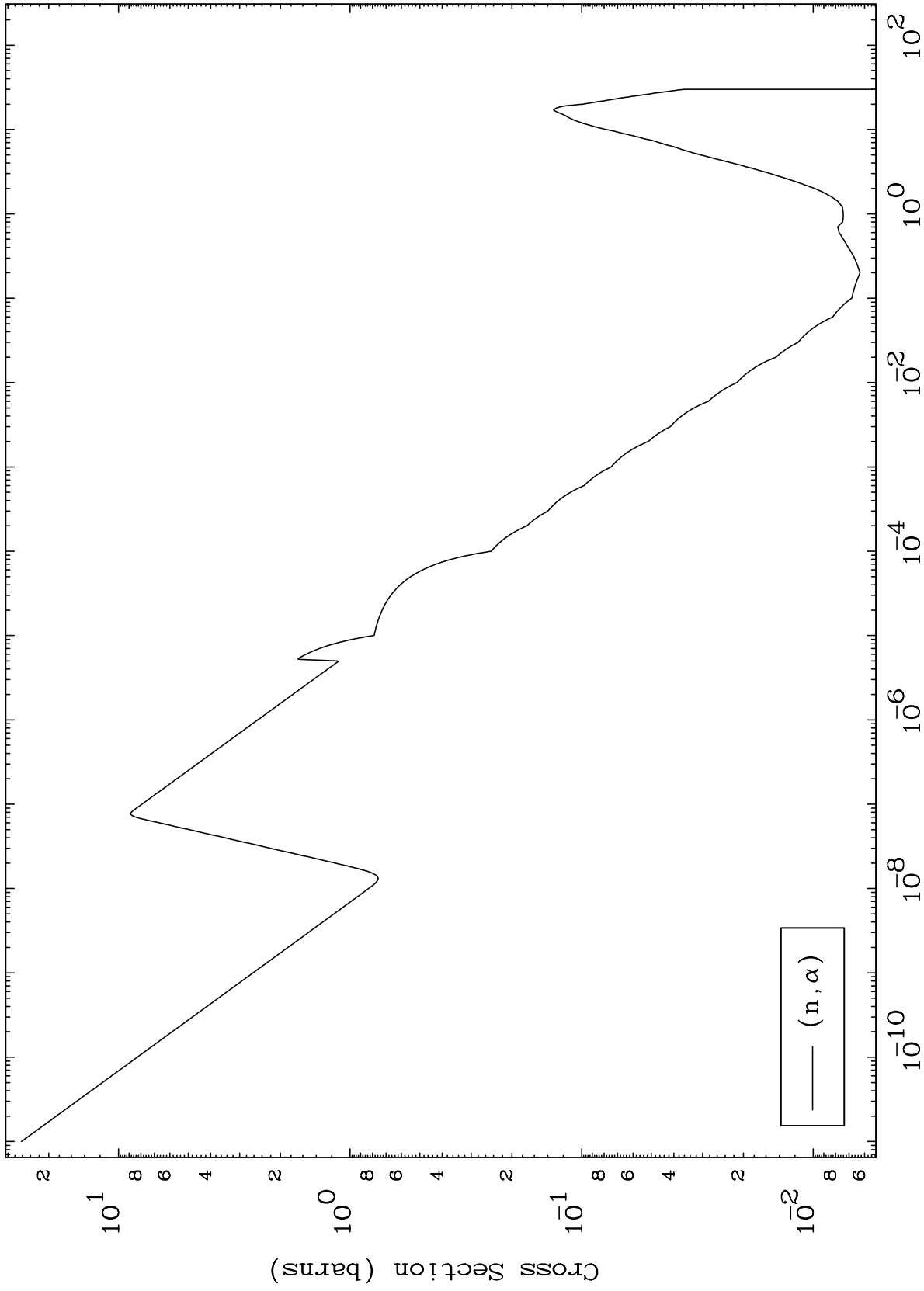
Incident Energy (MeV)

77-Ir-173

MAT 7671

(n,α) Levels
293 Kelvin Cross Sections

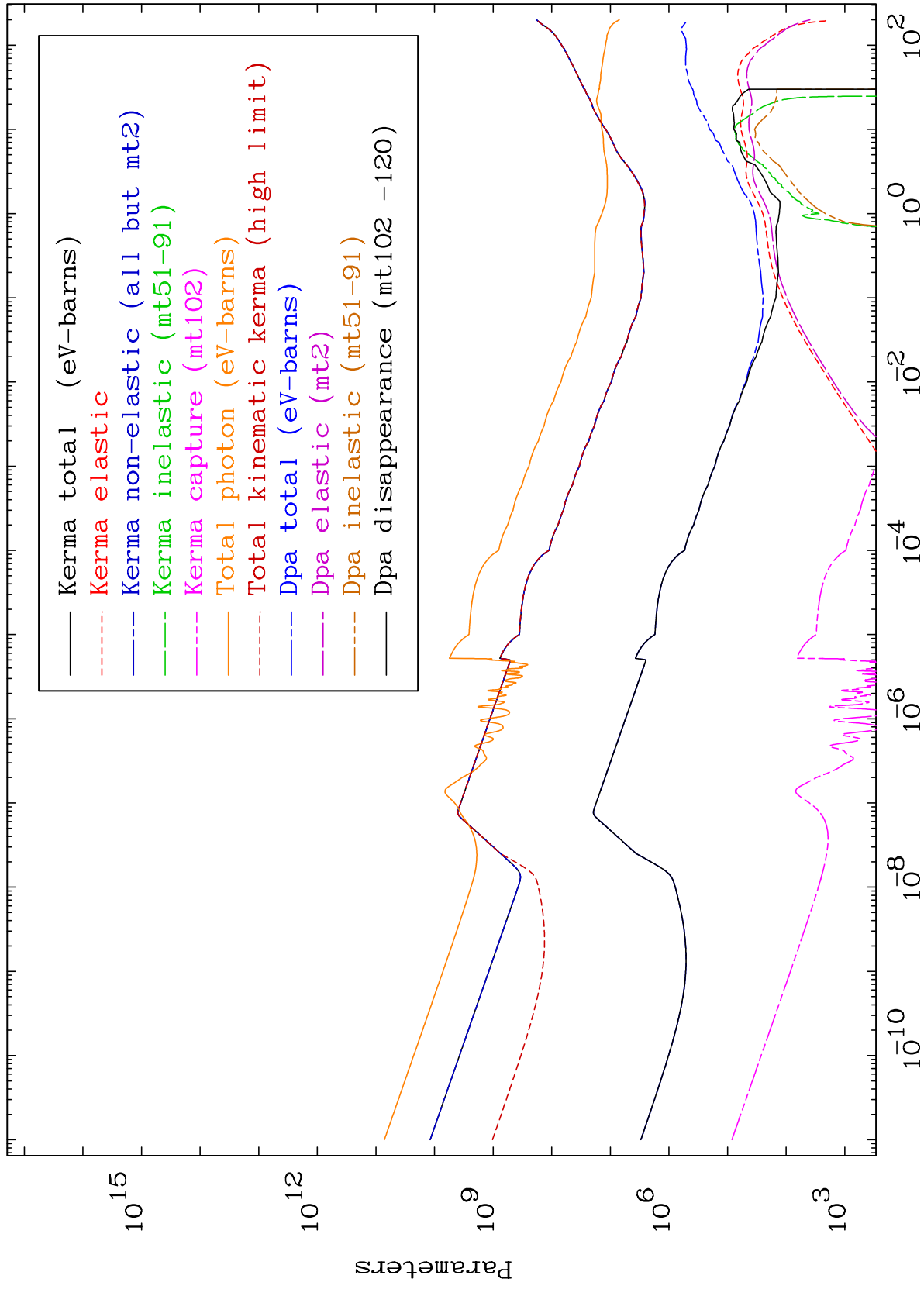
77-Ir-173



15

Incident Energy (MeV)

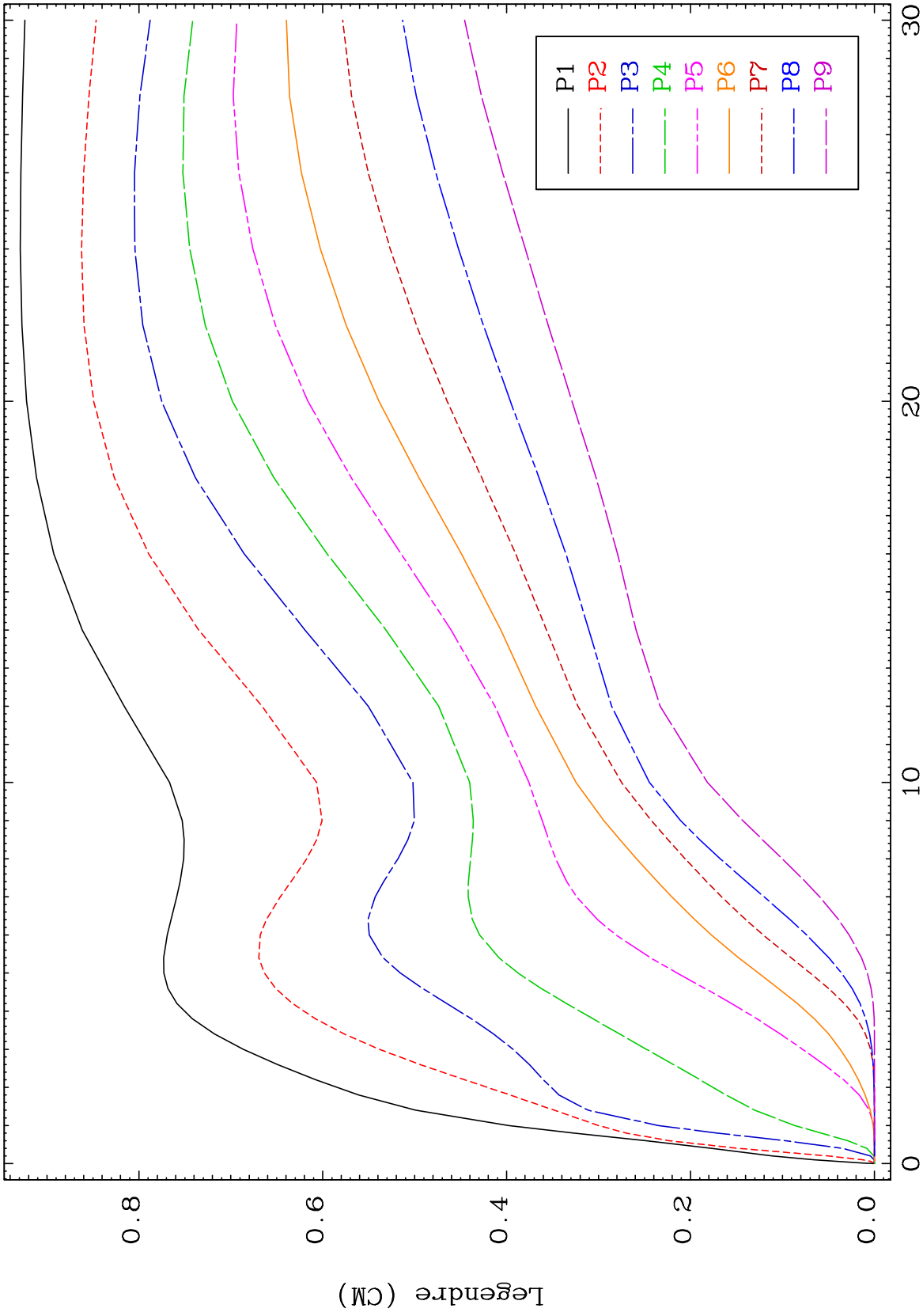
77-Ir-173



MAT 7671

Elastic Legendre Coefficients

77-Ir-173



17

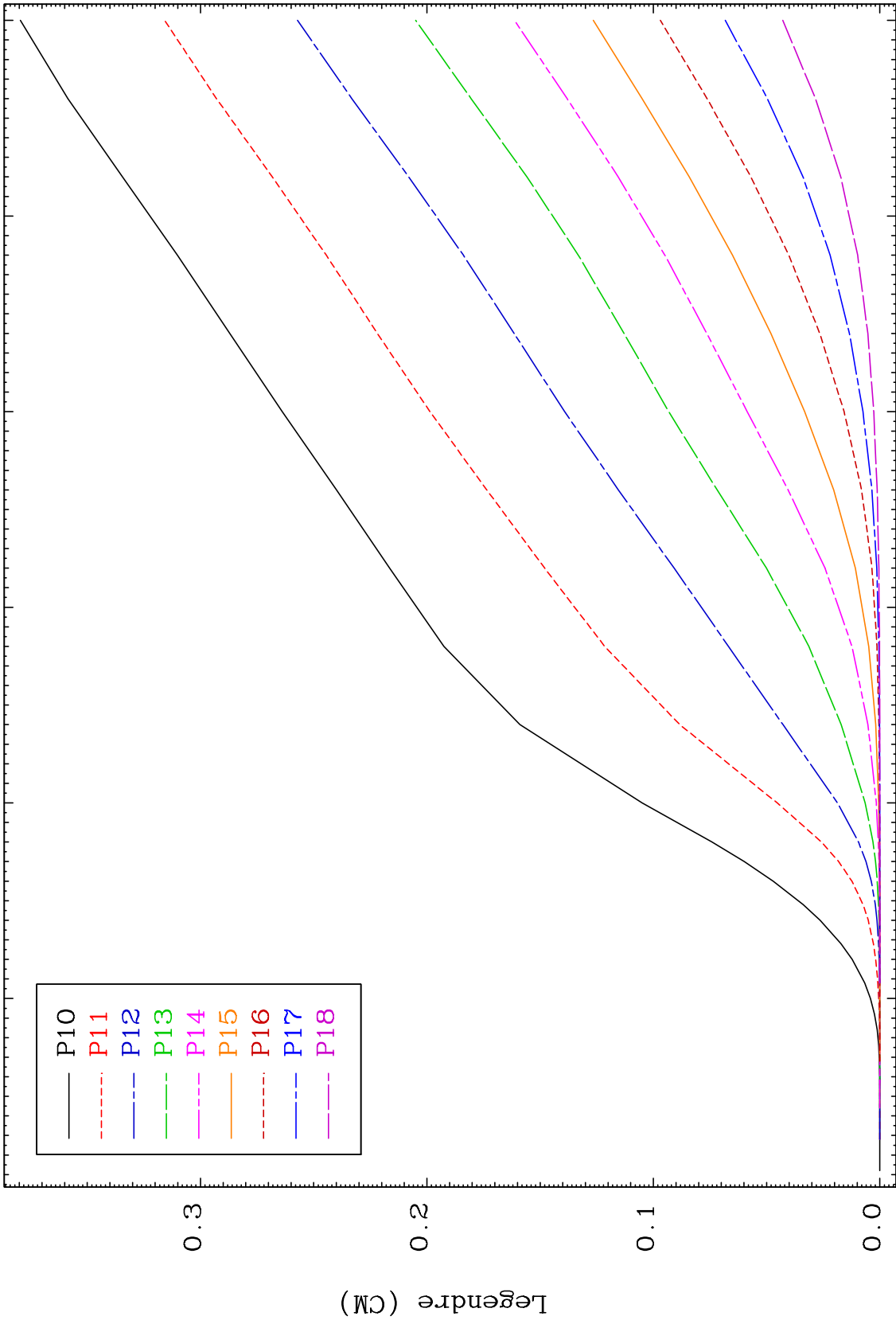
Incident Energy (MeV)

77-Ir-173

MAT 7671

Elastic Legendre Coefficients

77-Ir-173



18

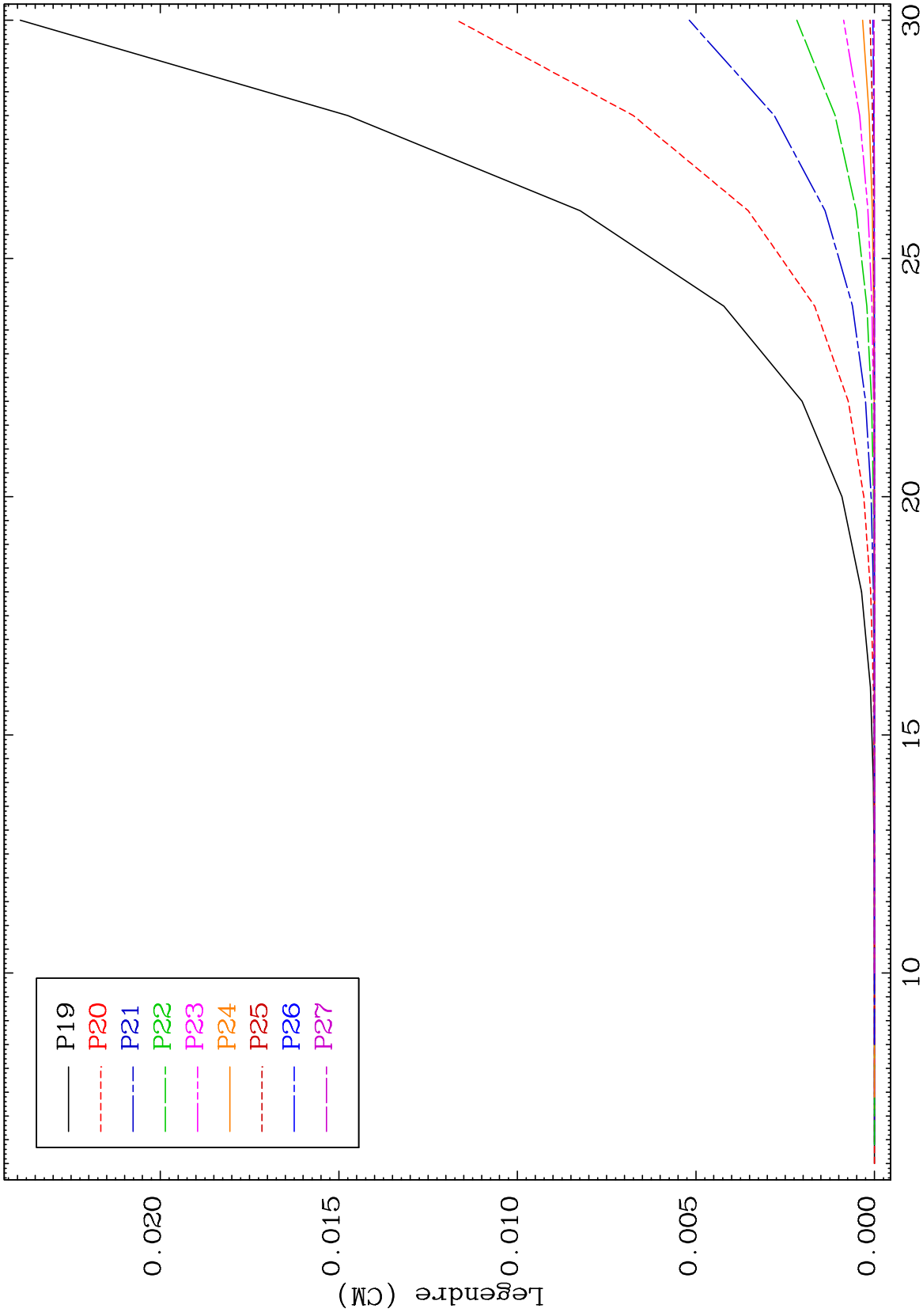
Incident Energy (MeV)

77-Ir-173

MAT 7671

Elastic Legendre Coefficients

77-Ir-173



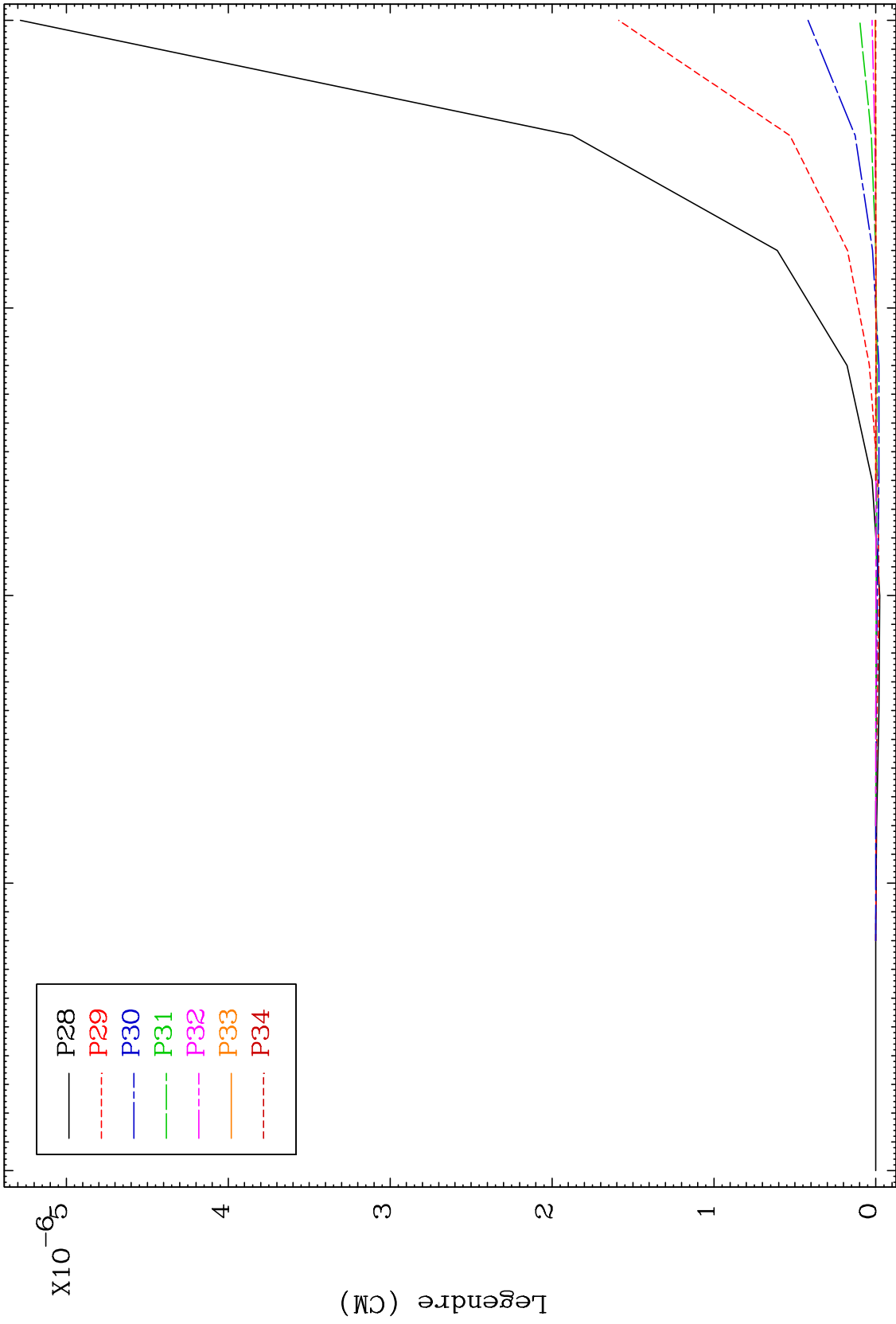
19

77-Ir-173

MAT 7671

Elastic Legendre Coefficients

77-Ir-173



20

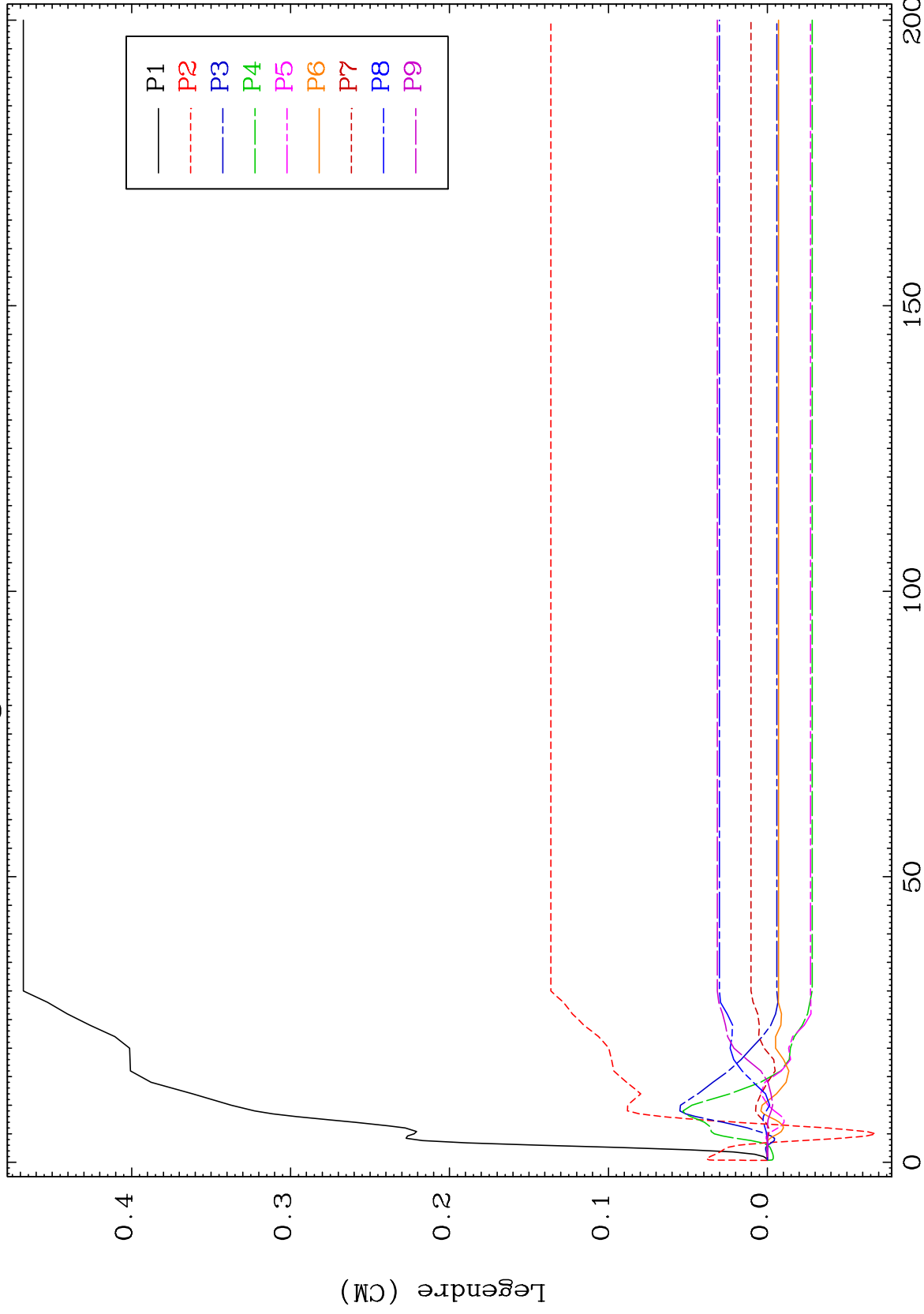
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



21

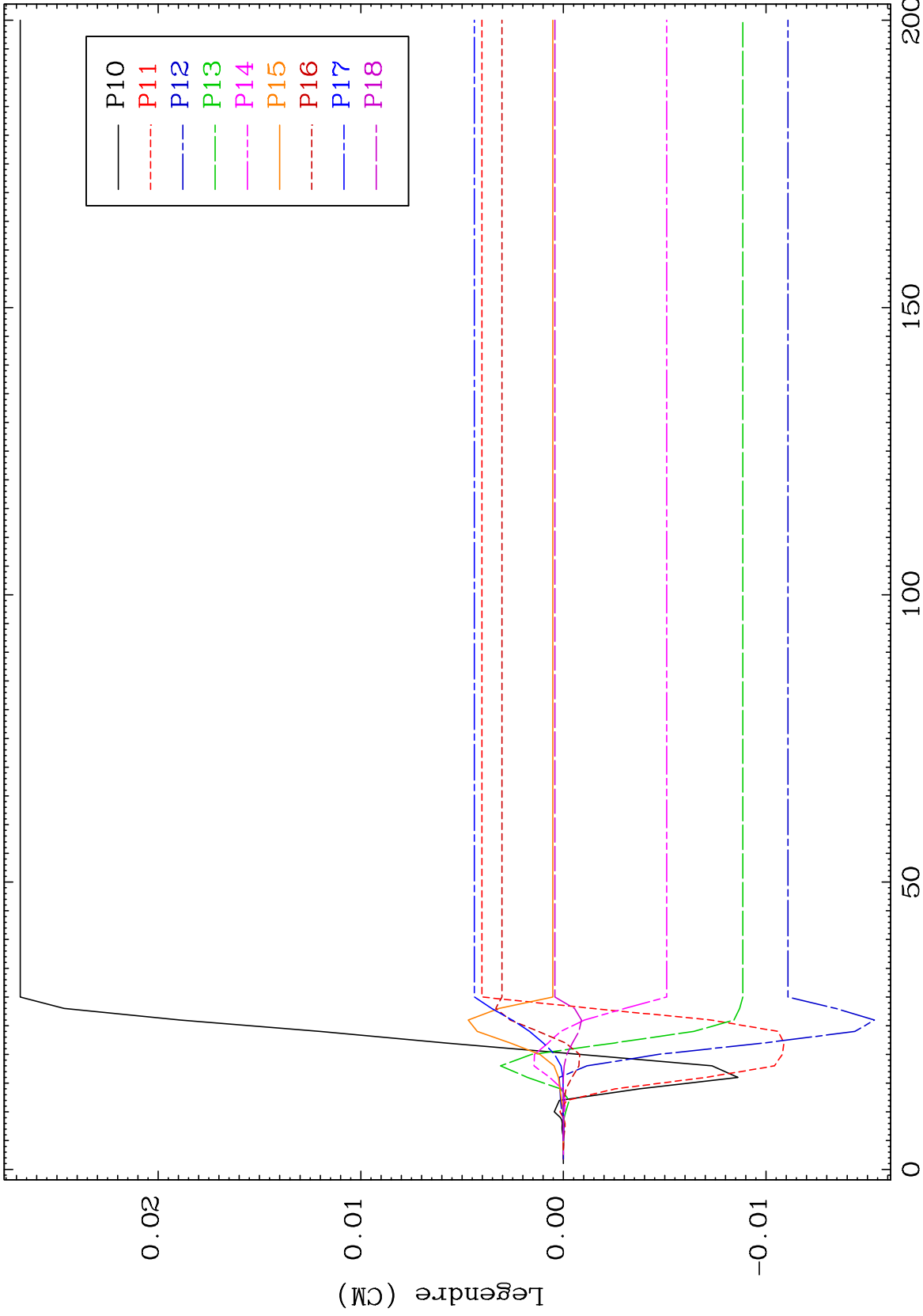
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



22

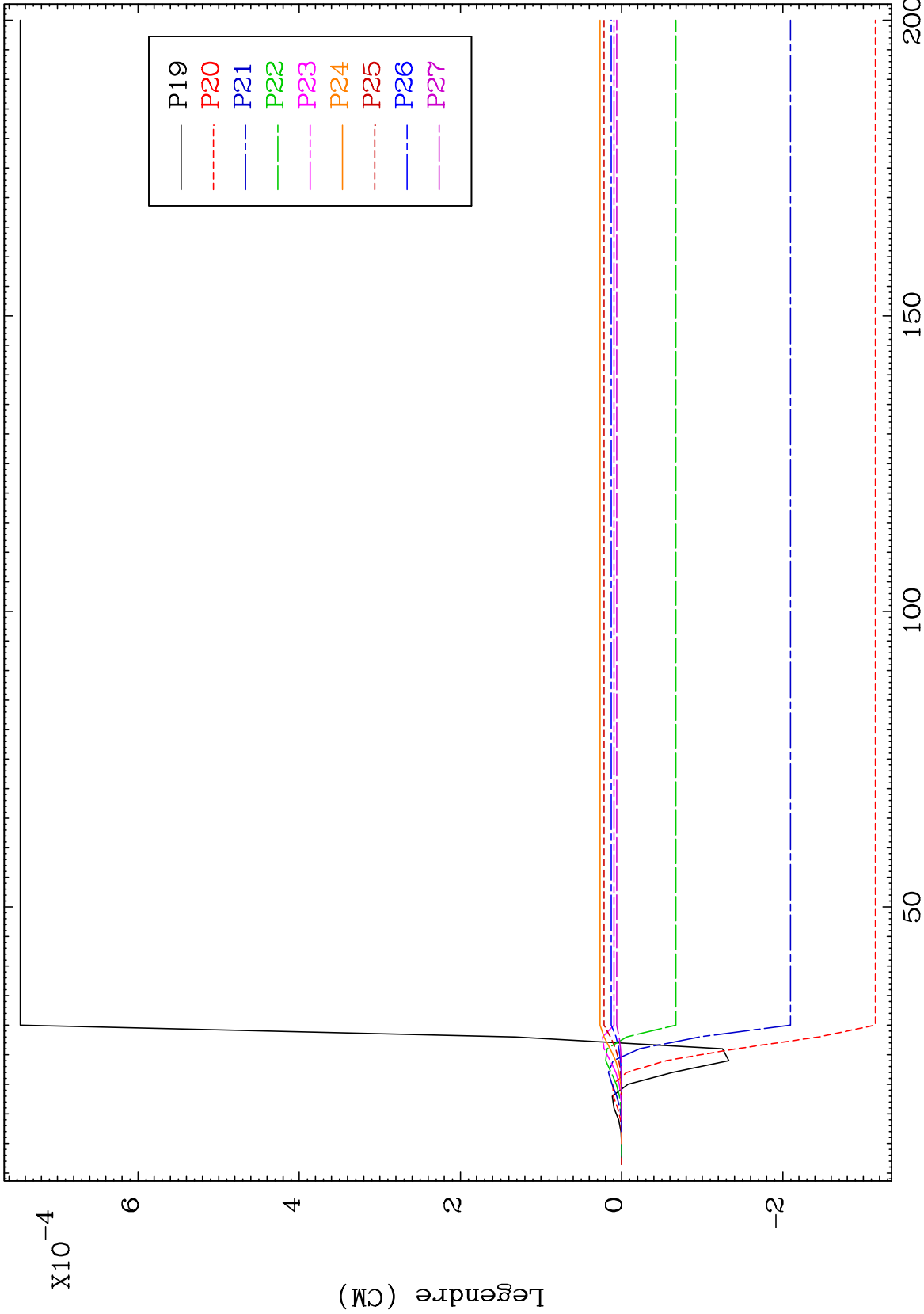
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



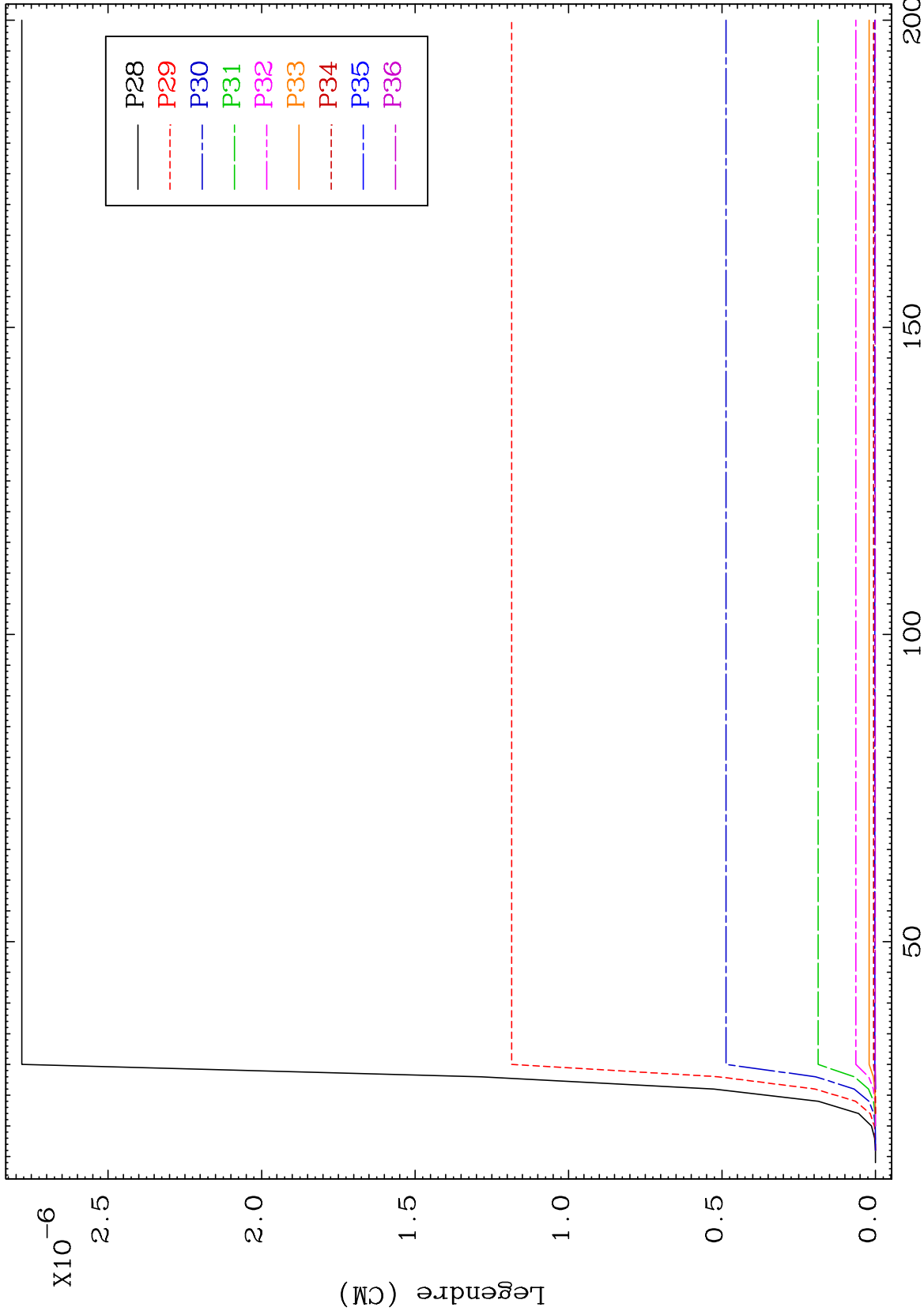
23

77-Ir-173

MAT 7671

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

77-Ir-173



24

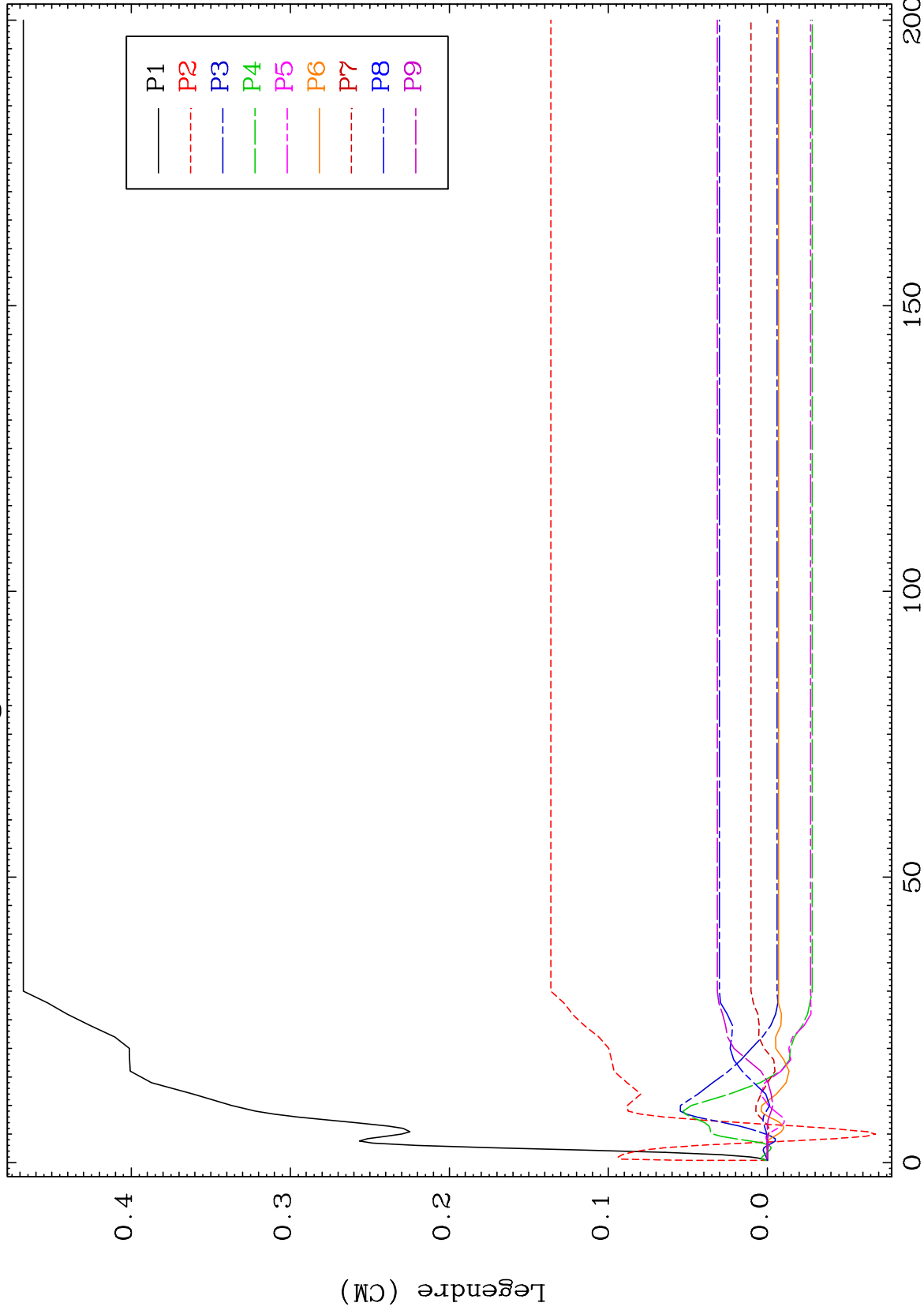
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



77-Ir-173

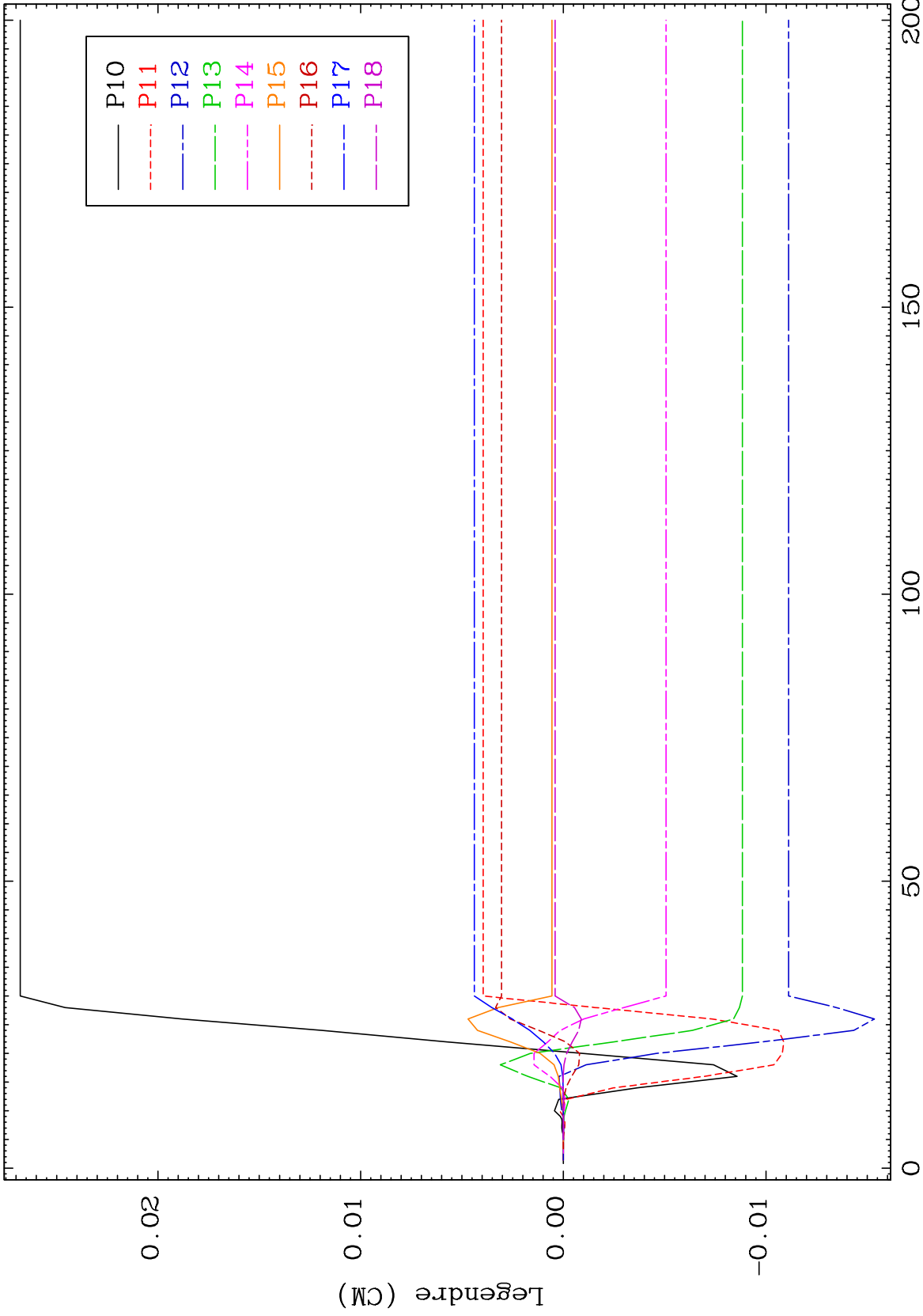
Incident Energy (MeV)

25

MAT 7671

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

77-Ir-173



26

Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



27

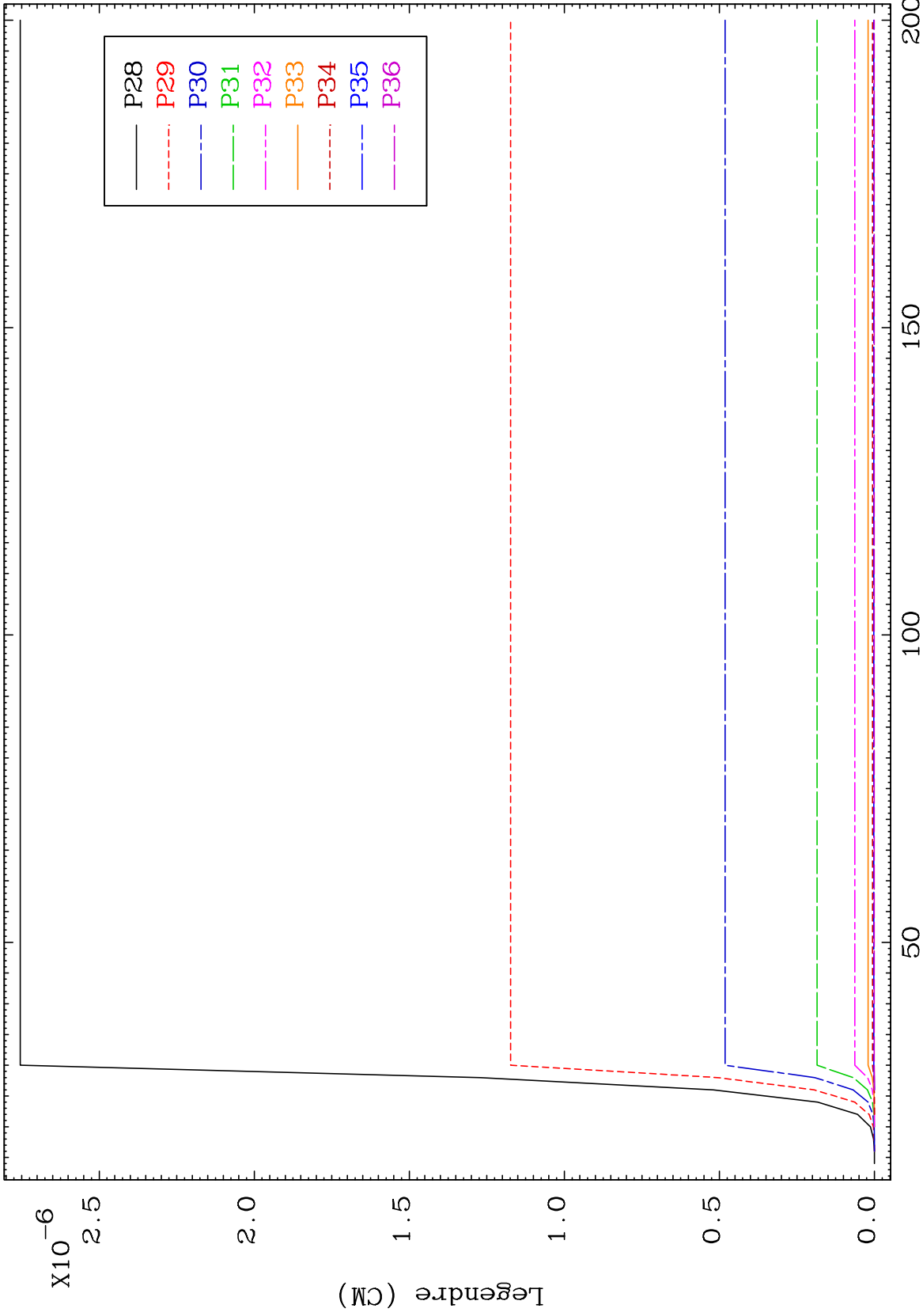
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



28

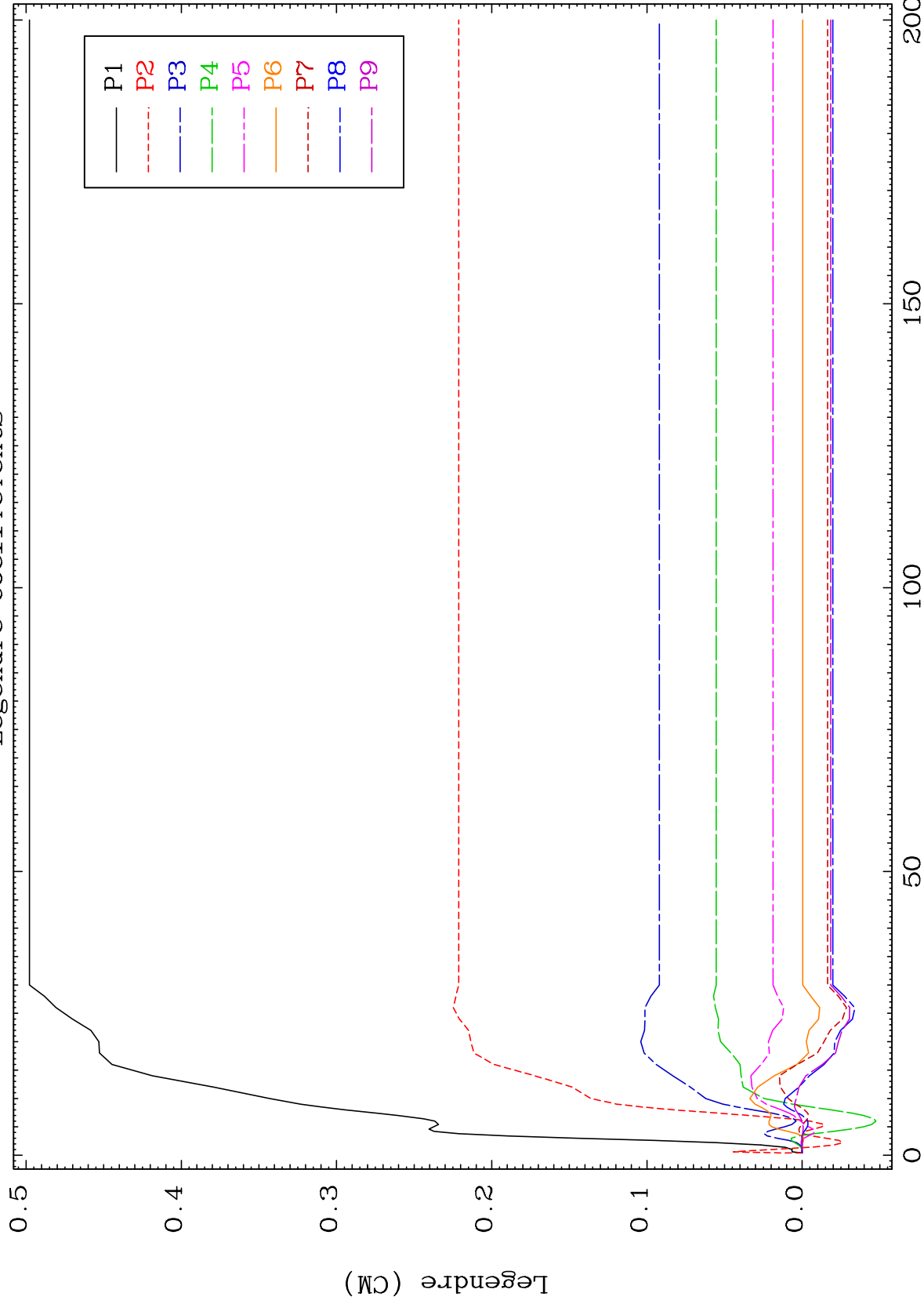
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



29

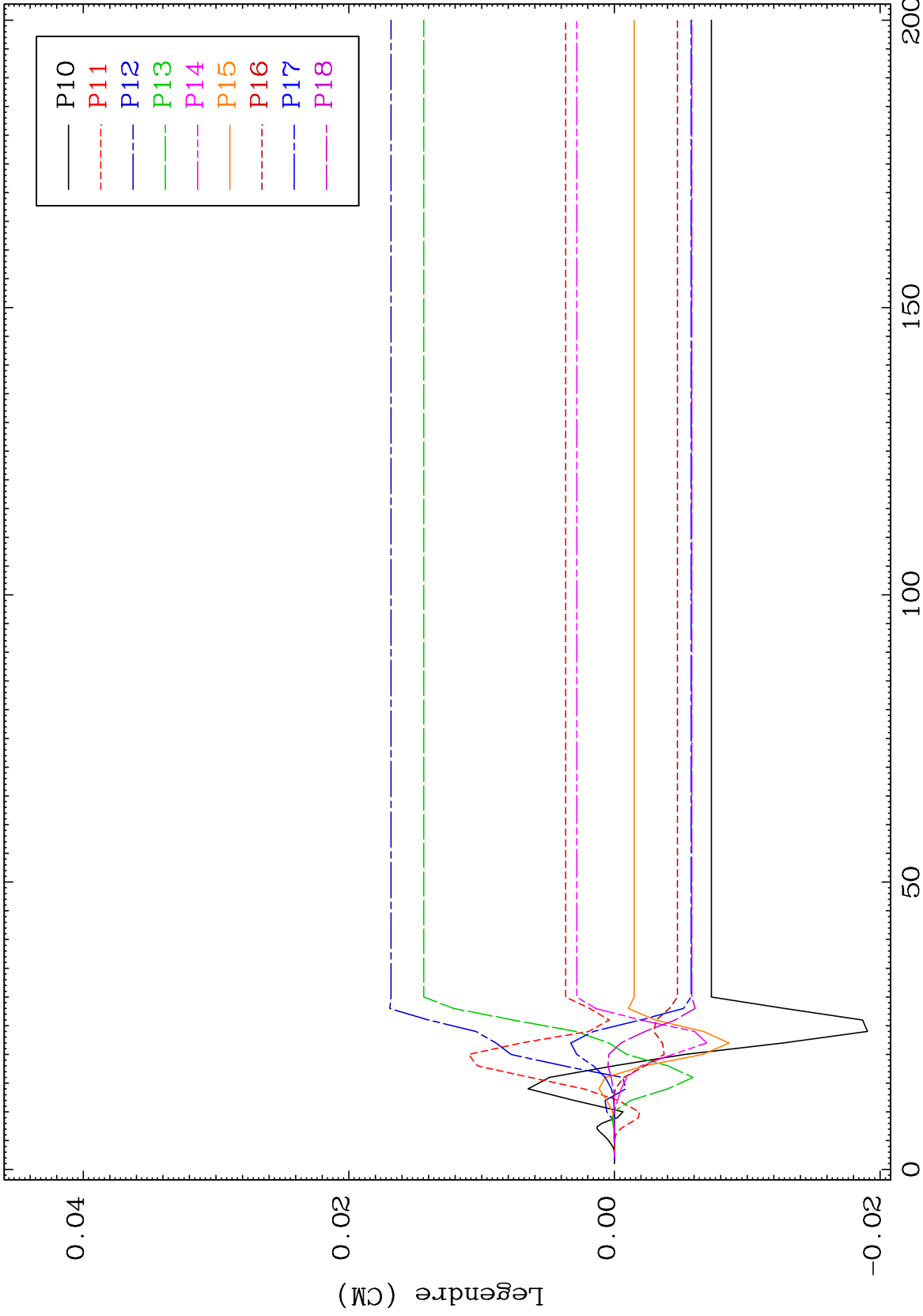
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



30

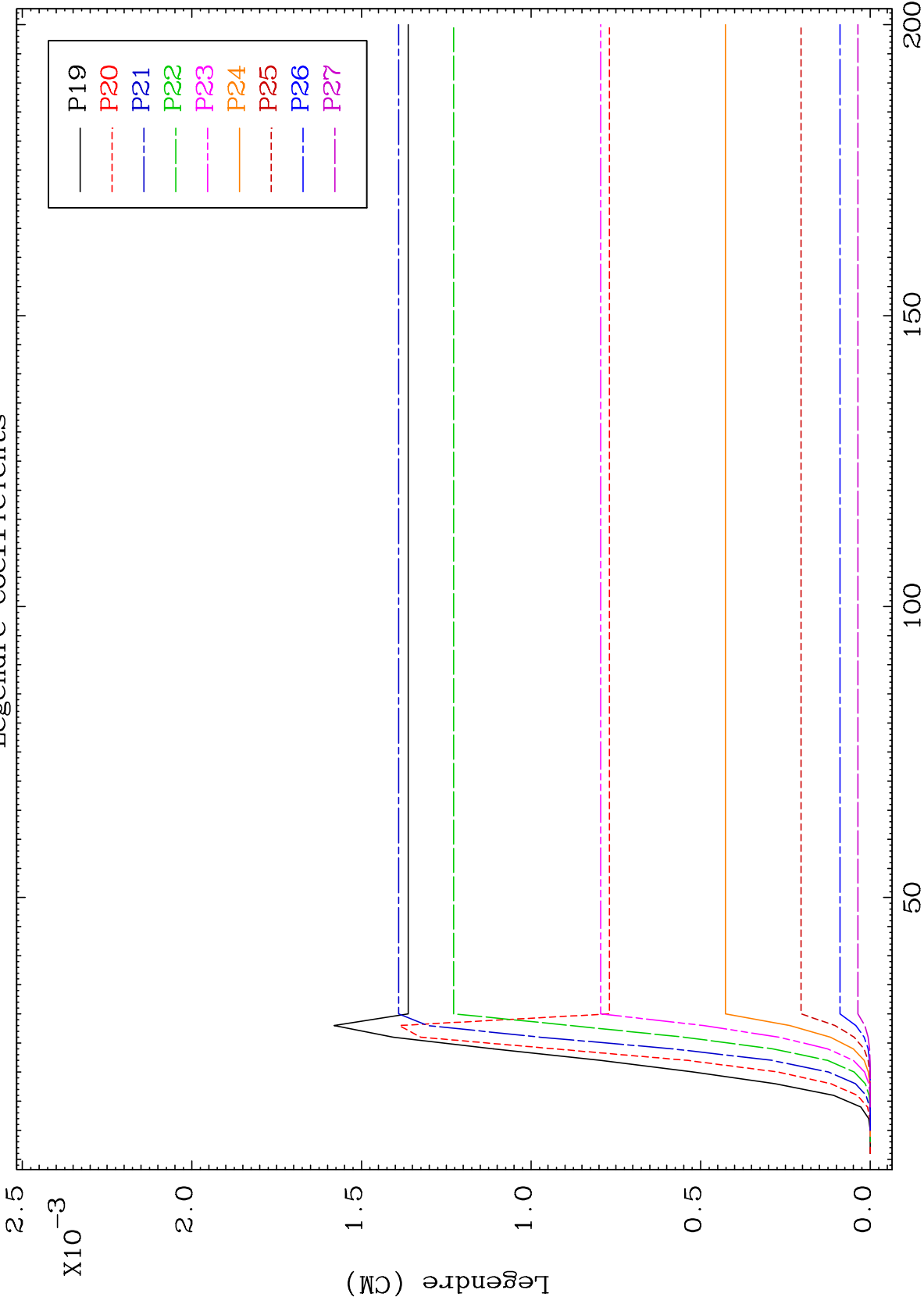
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



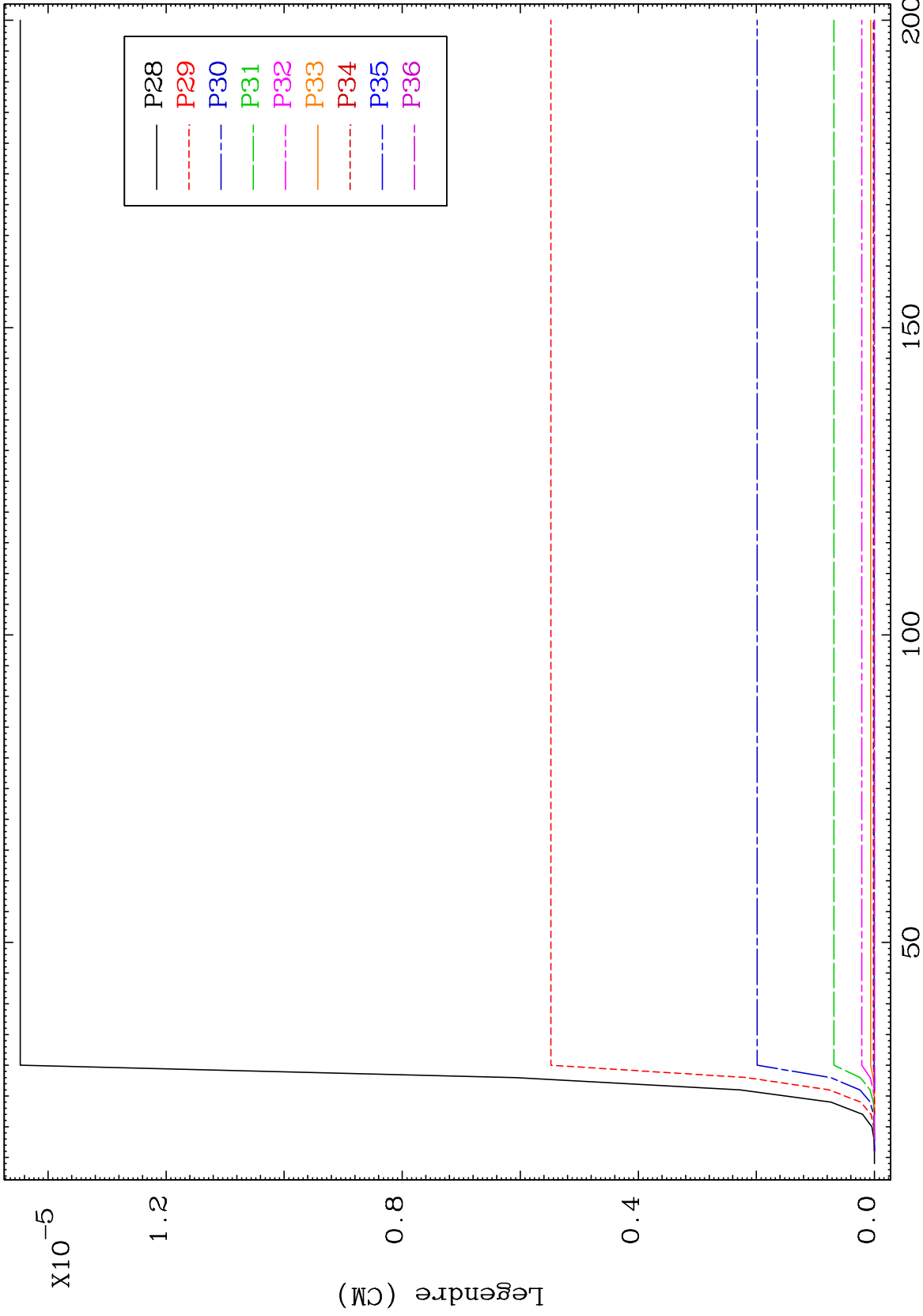
31

77-Ir-173

MAT 7671

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

77-Ir-173



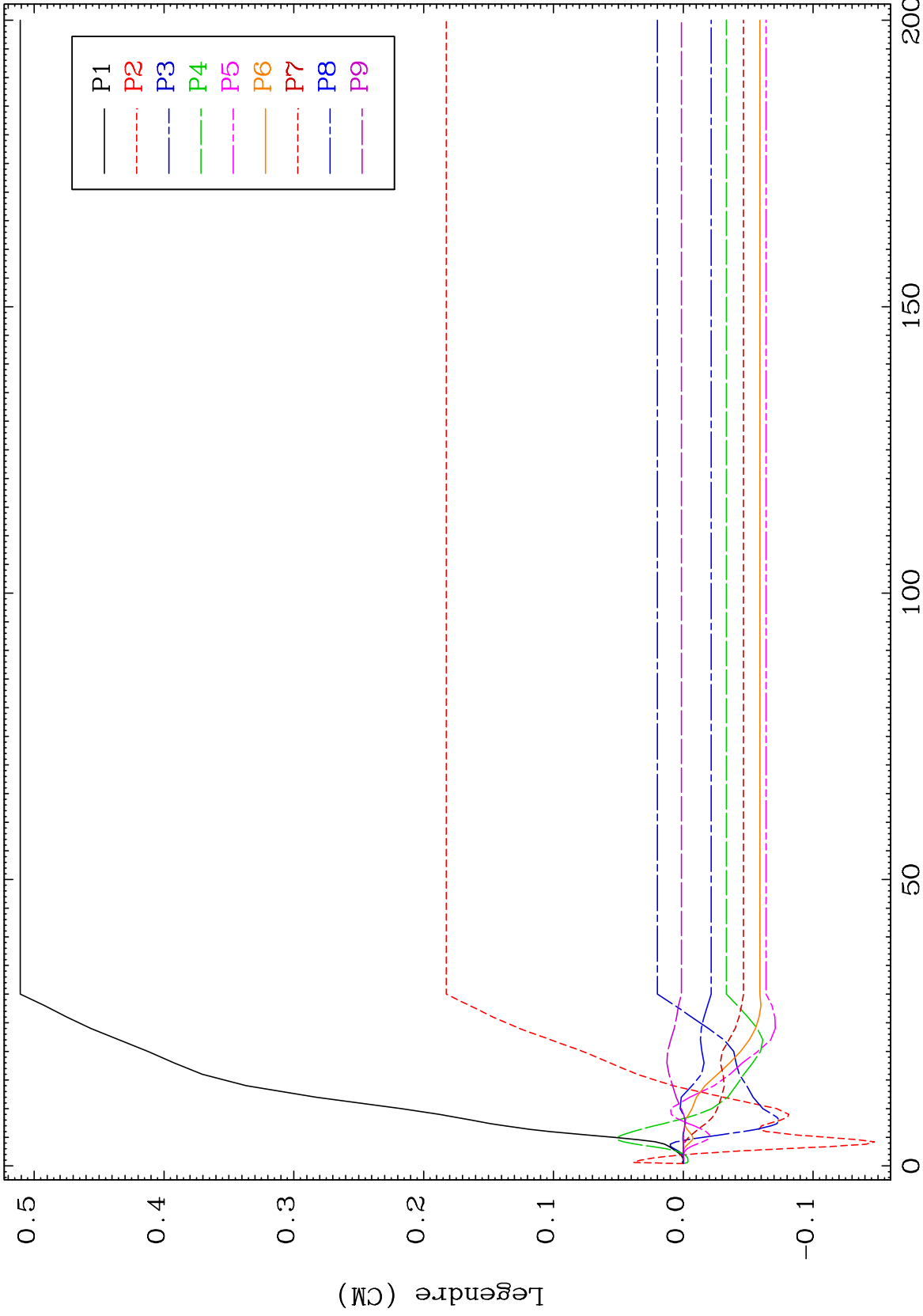
32

77-Ir-173

MAT 7671

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

77-Ir-173



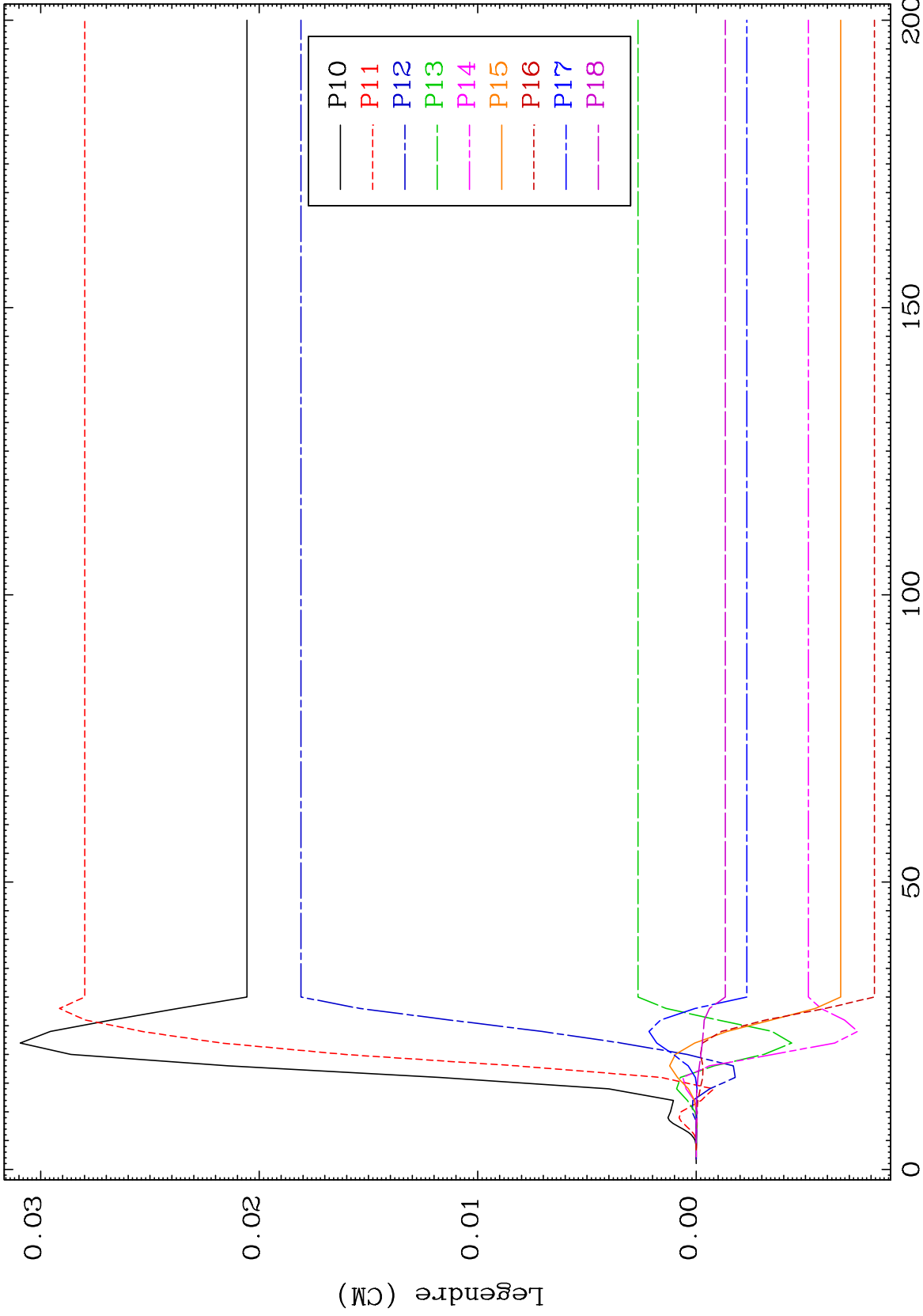
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77-Ir-173

MAT 7671

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

77-Ir-173



34

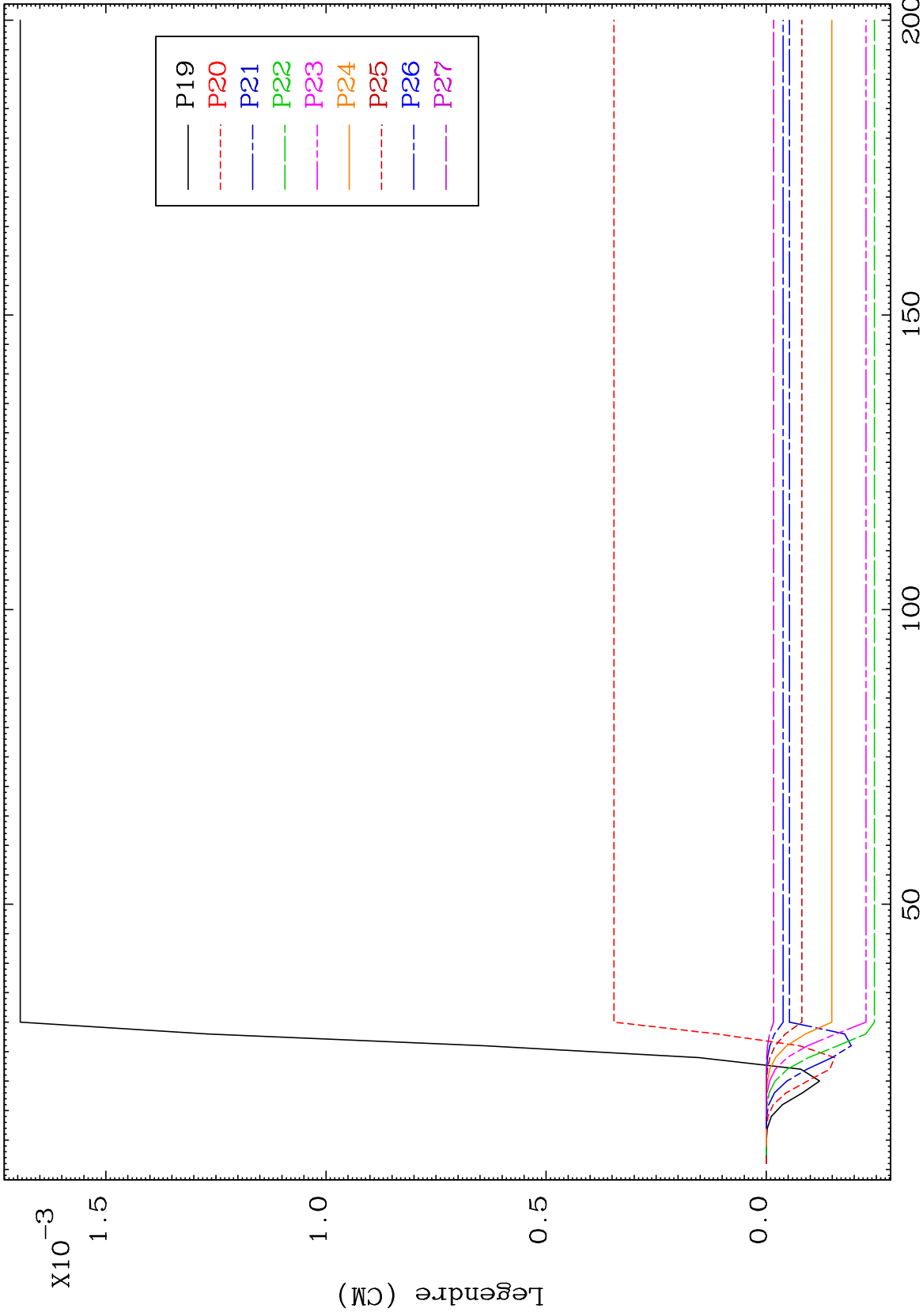
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



35

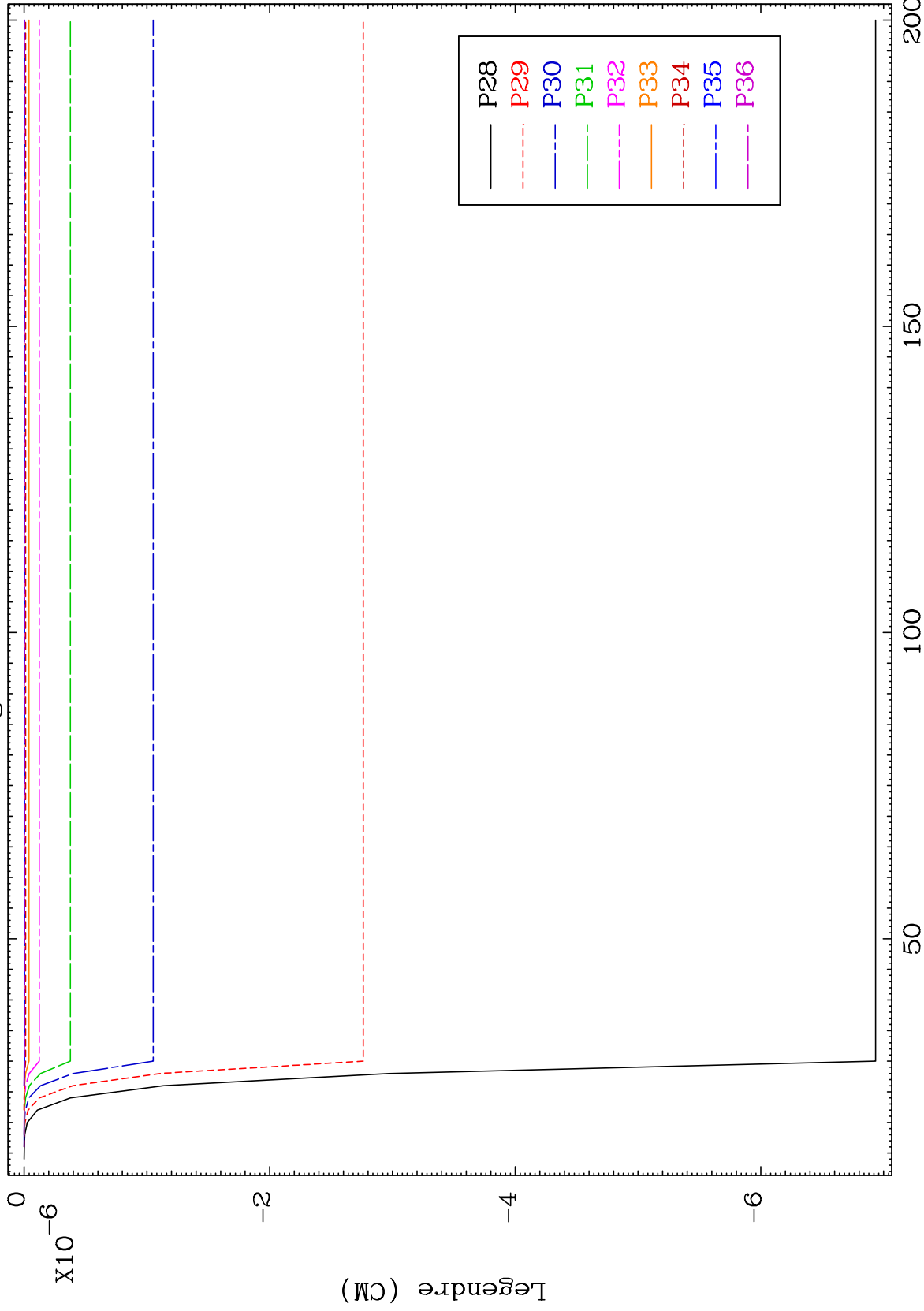
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



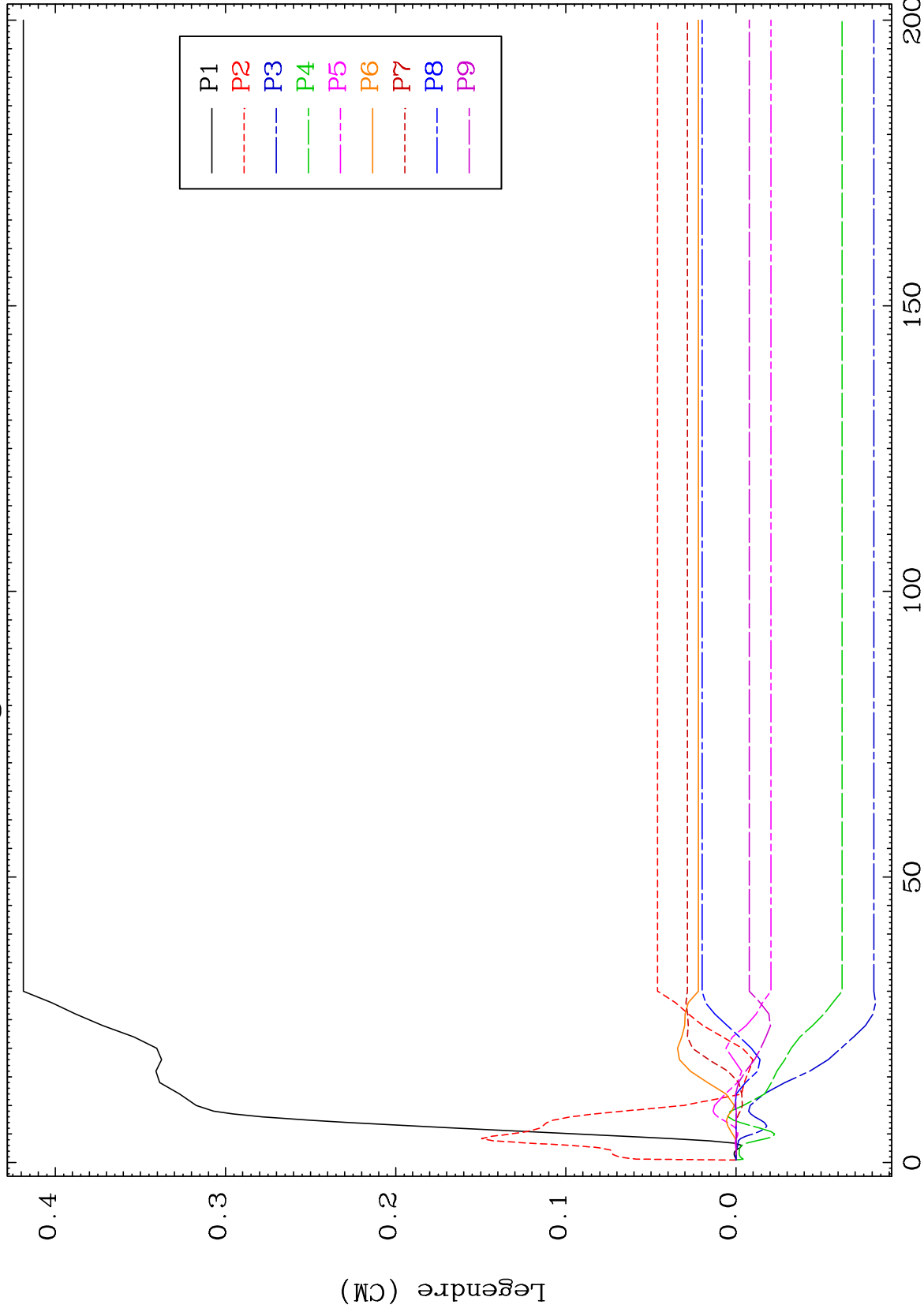
36

77-Ir-173

MAT 7671

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

77-Ir-173



37

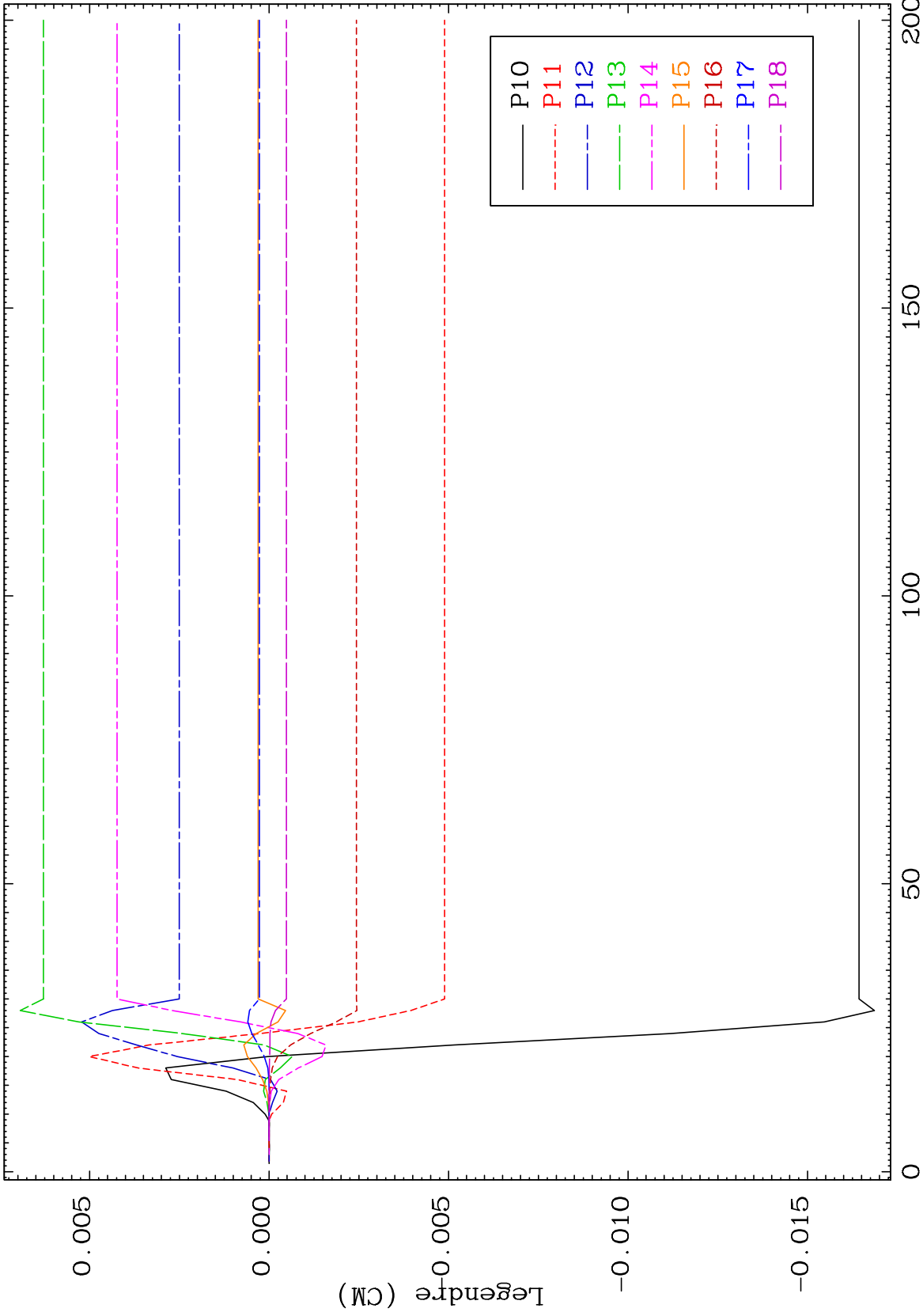
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

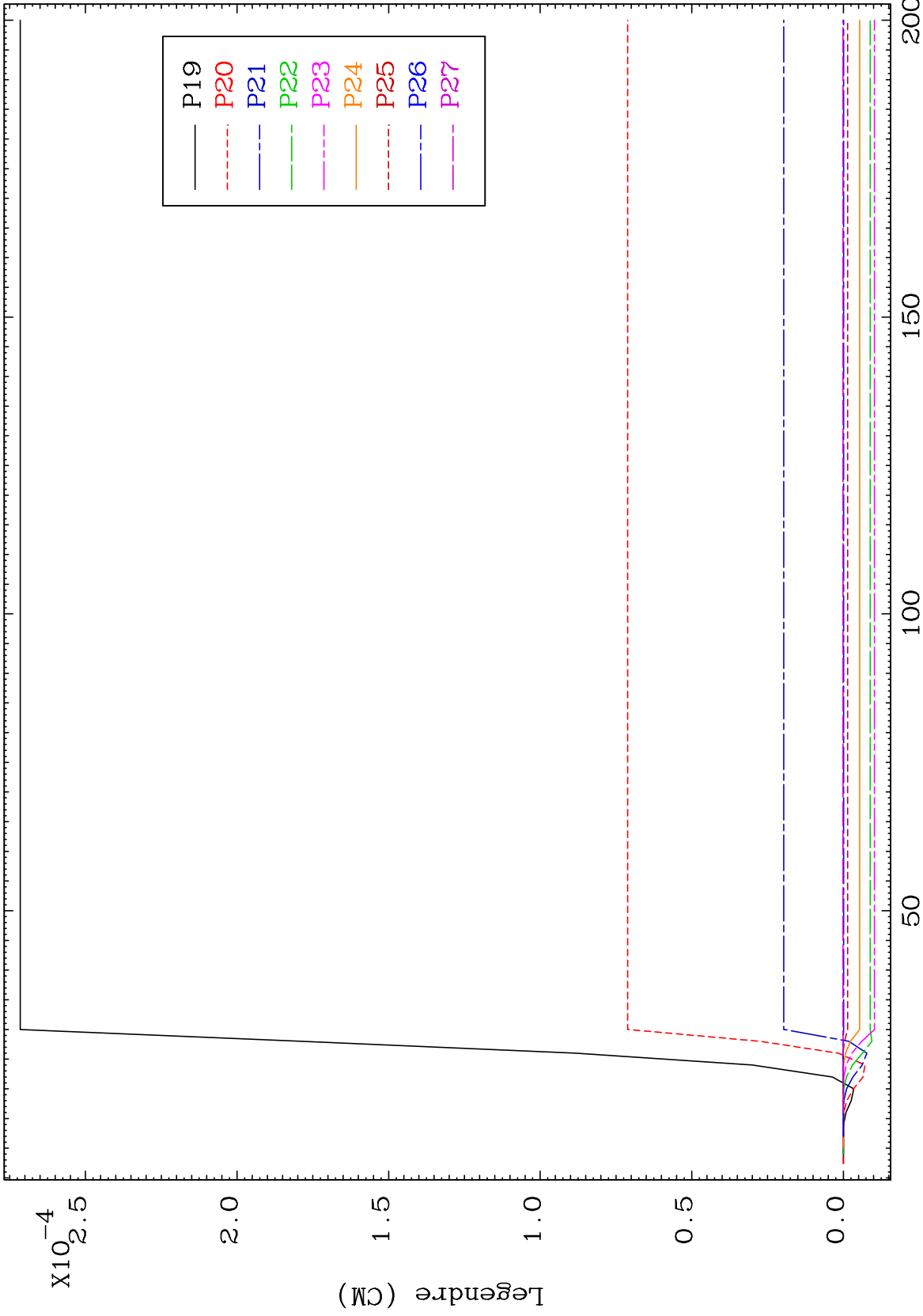
77-Ir-173



38

Incident Energy (MeV)

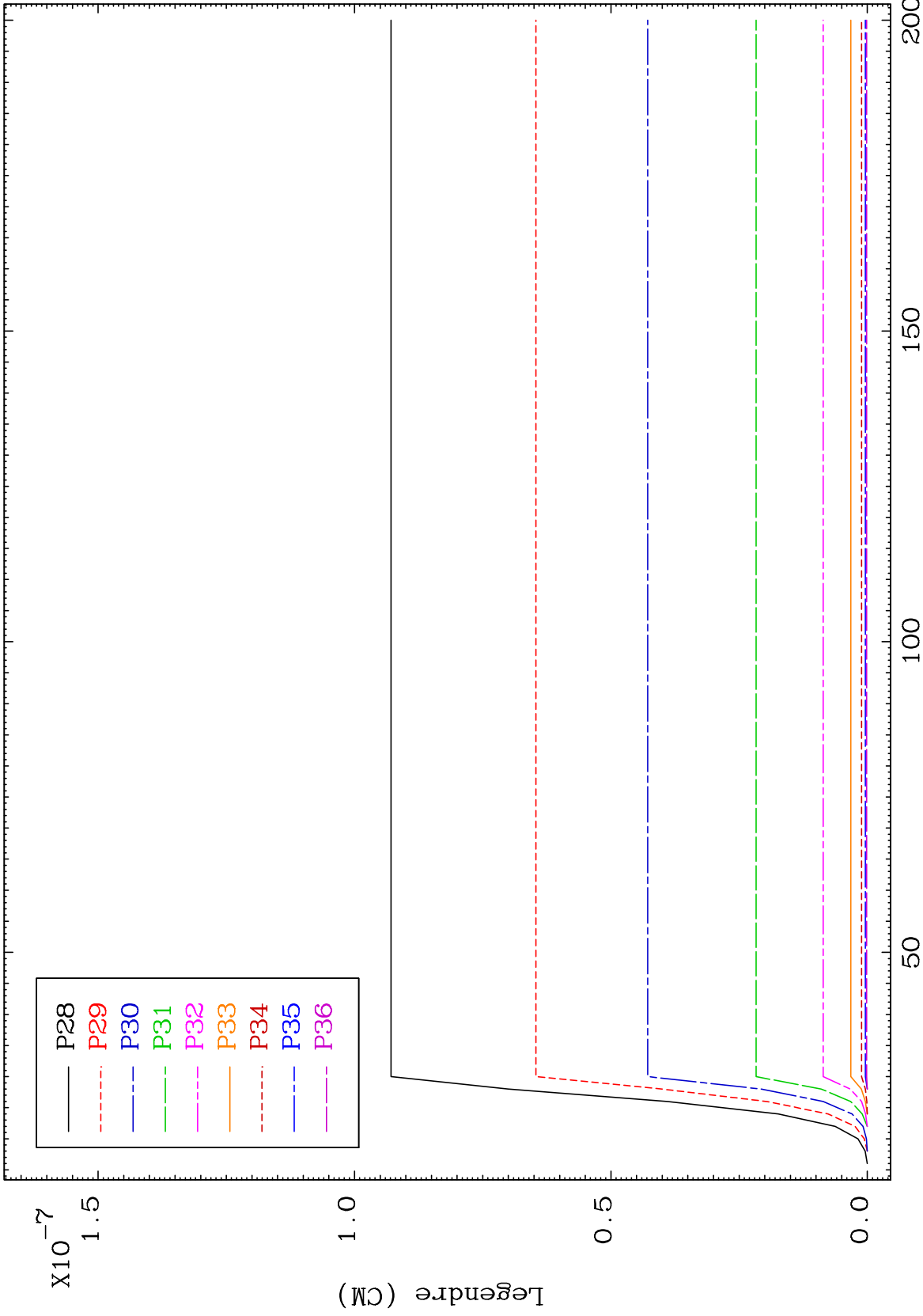
77-Ir-173



MAT 7671

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

77-Ir-173



40

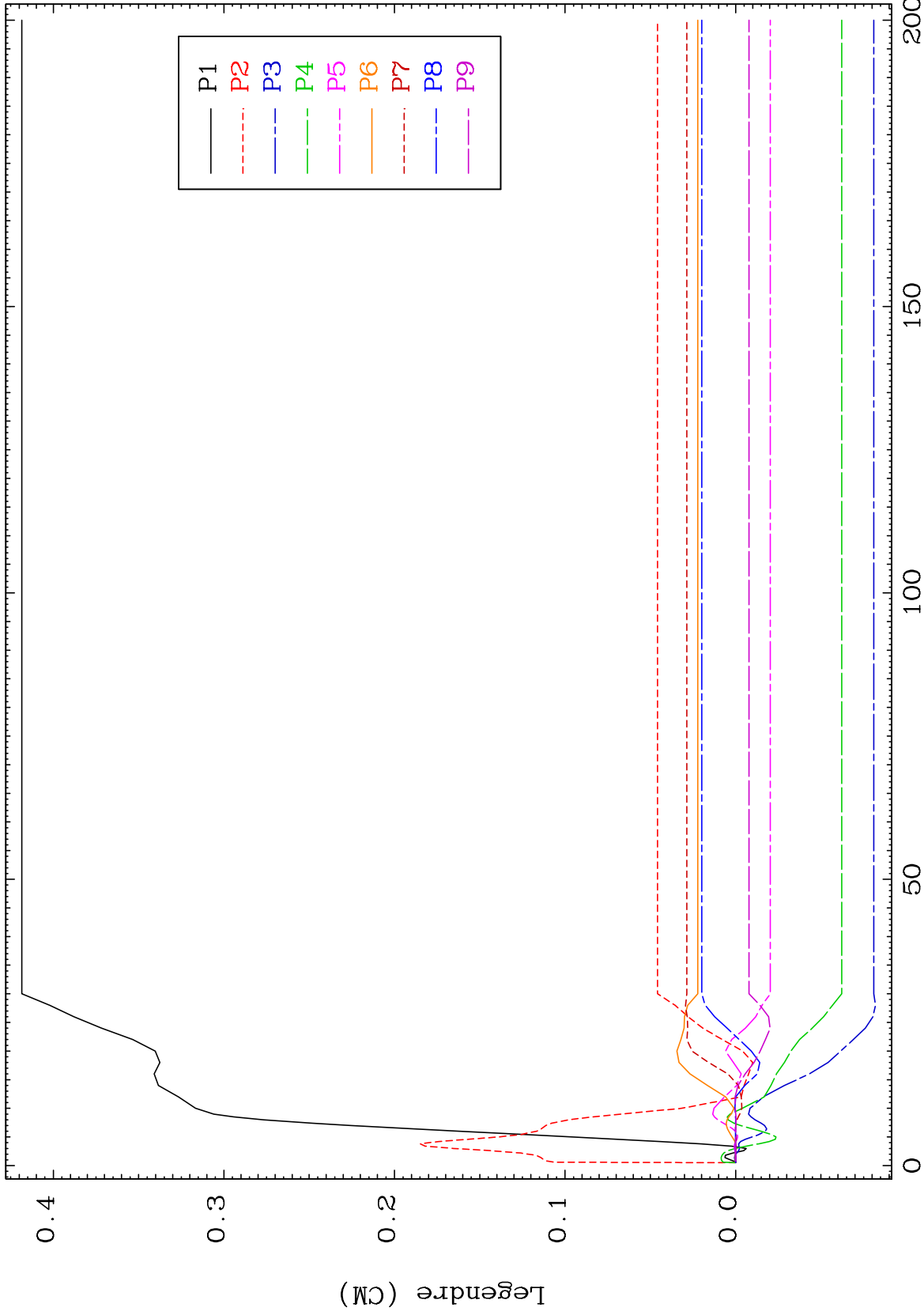
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



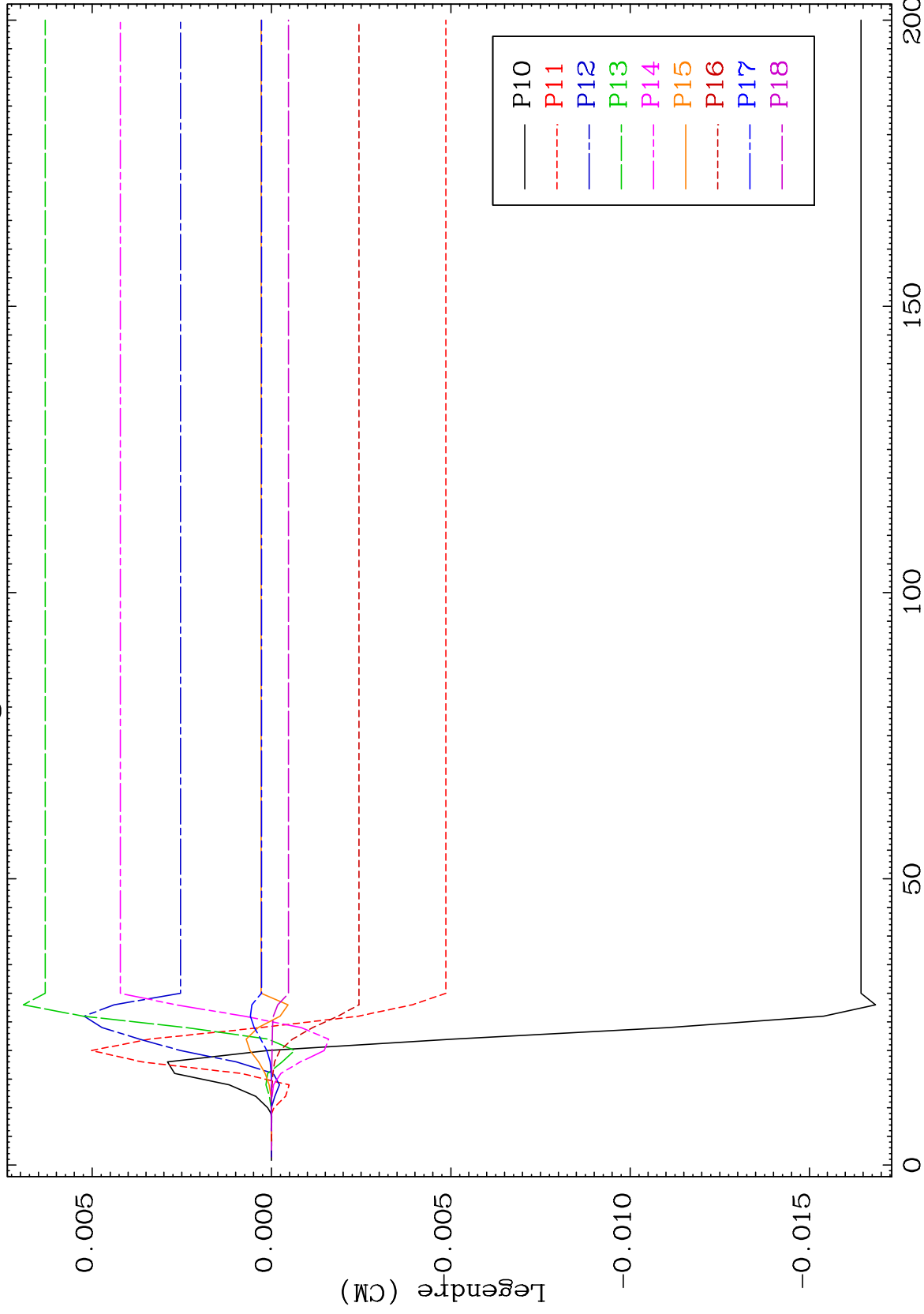
41

77-Ir-173

MAT 7671

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

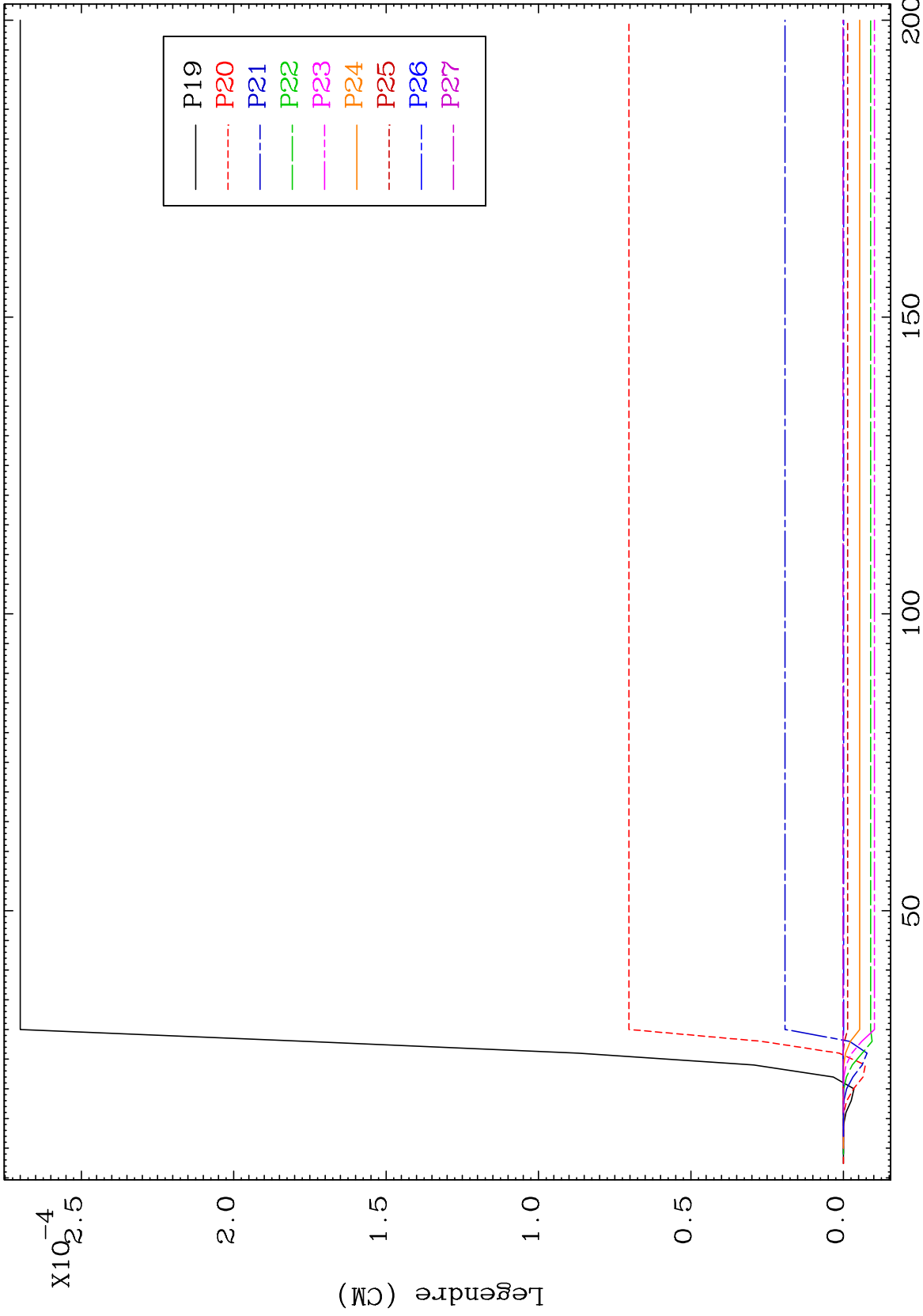
77-Ir-173



42

77-Ir-173

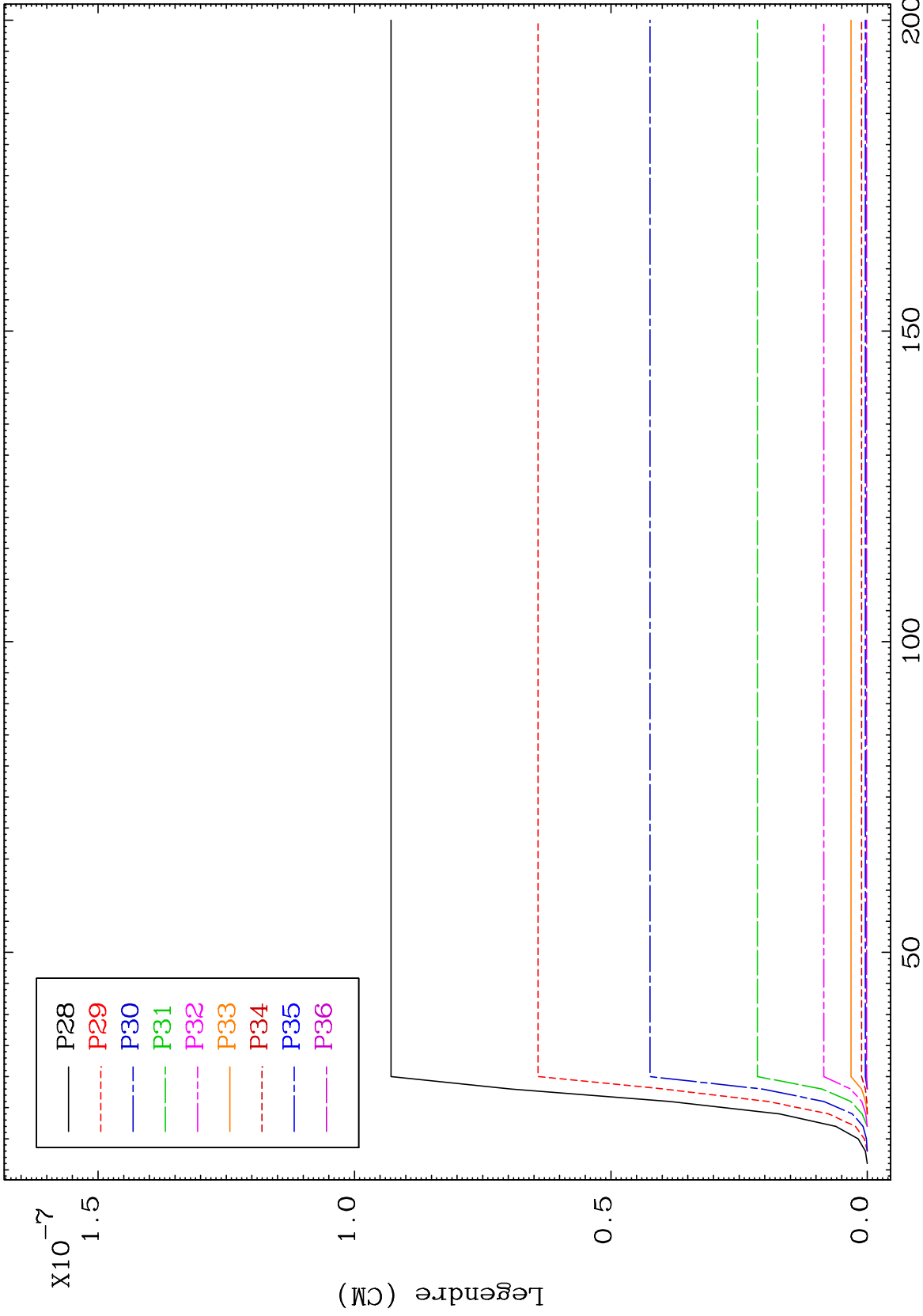
77-Ir-173



MAT 7671

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

77-Ir-173



44

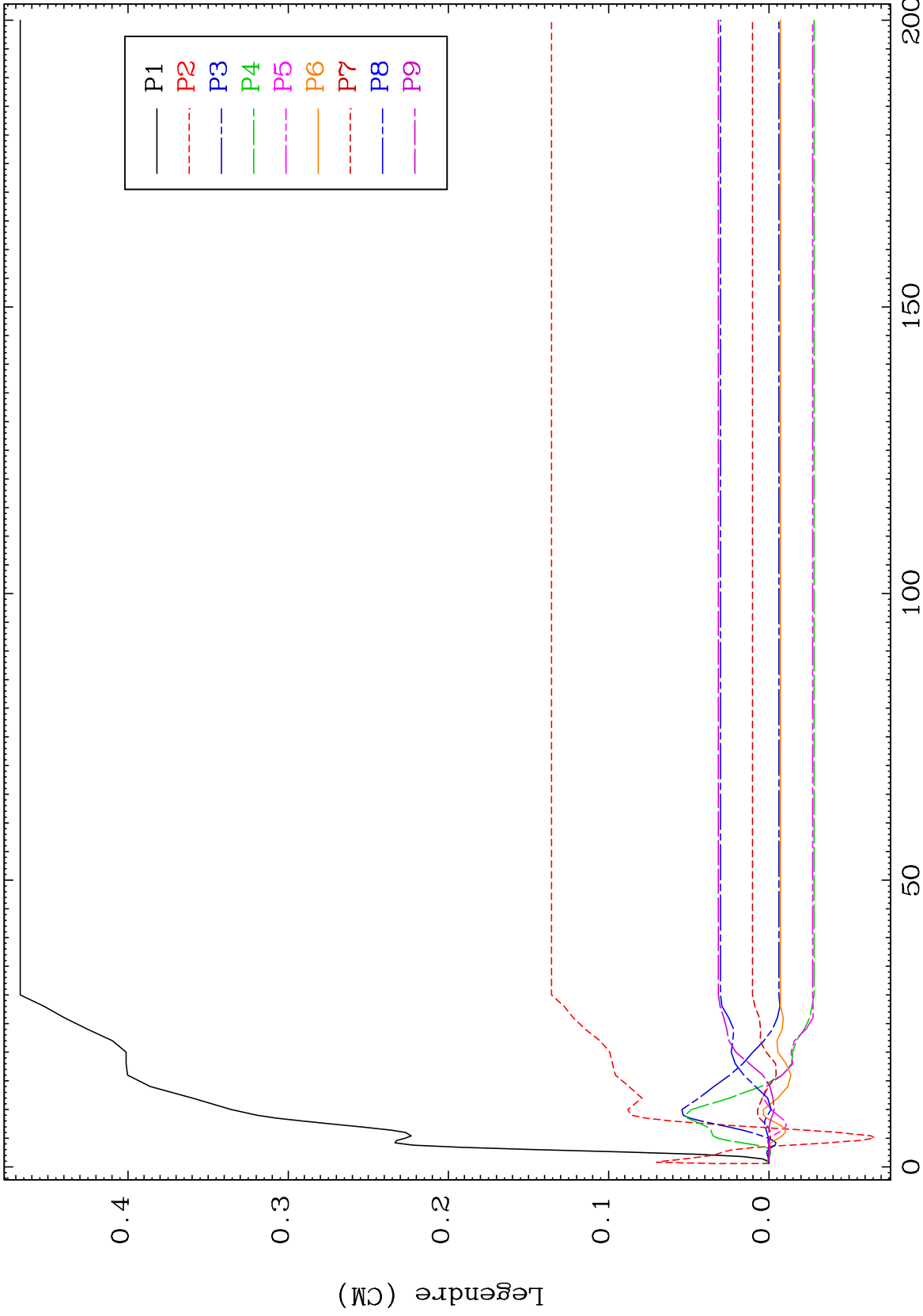
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



45

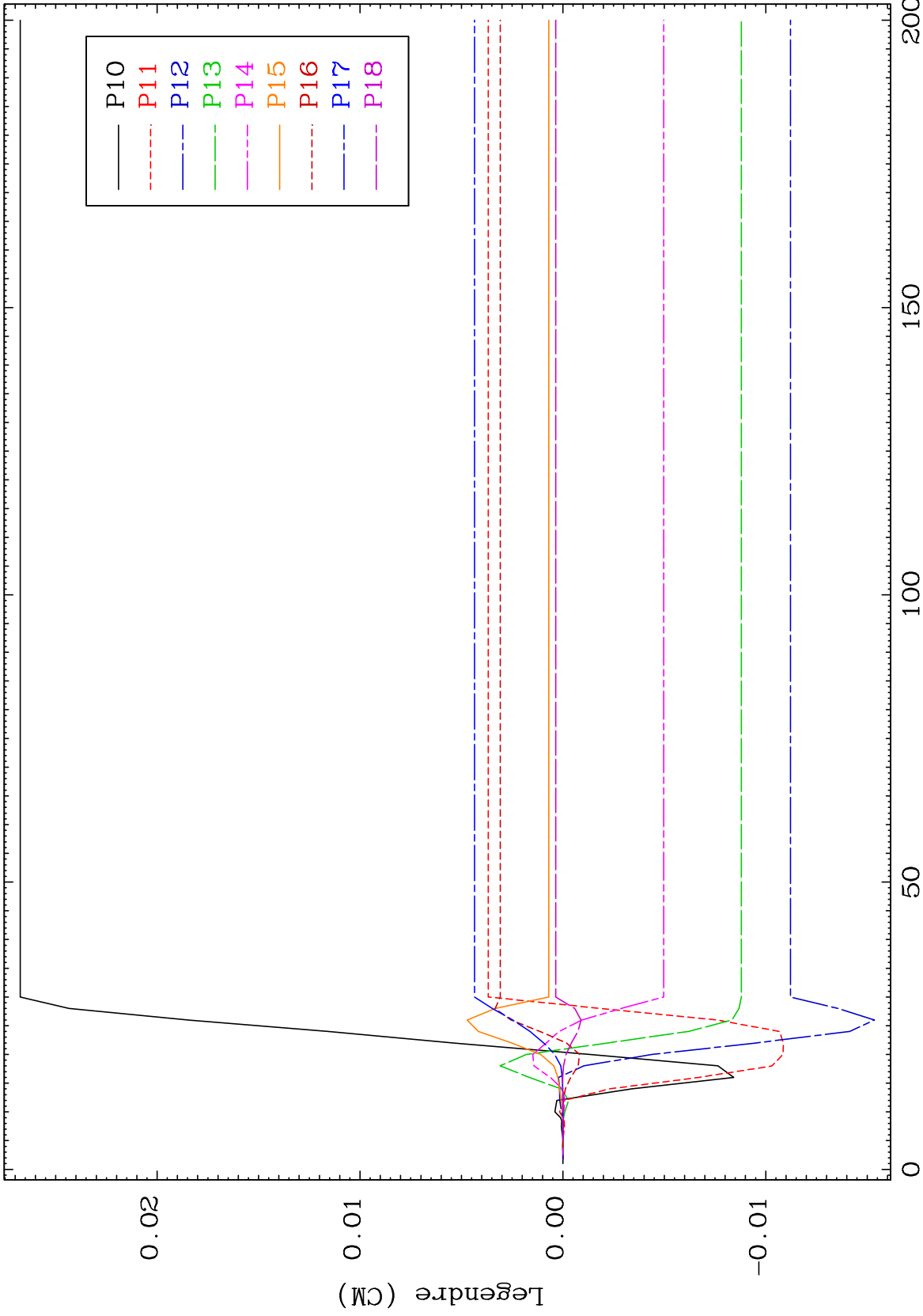
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



46

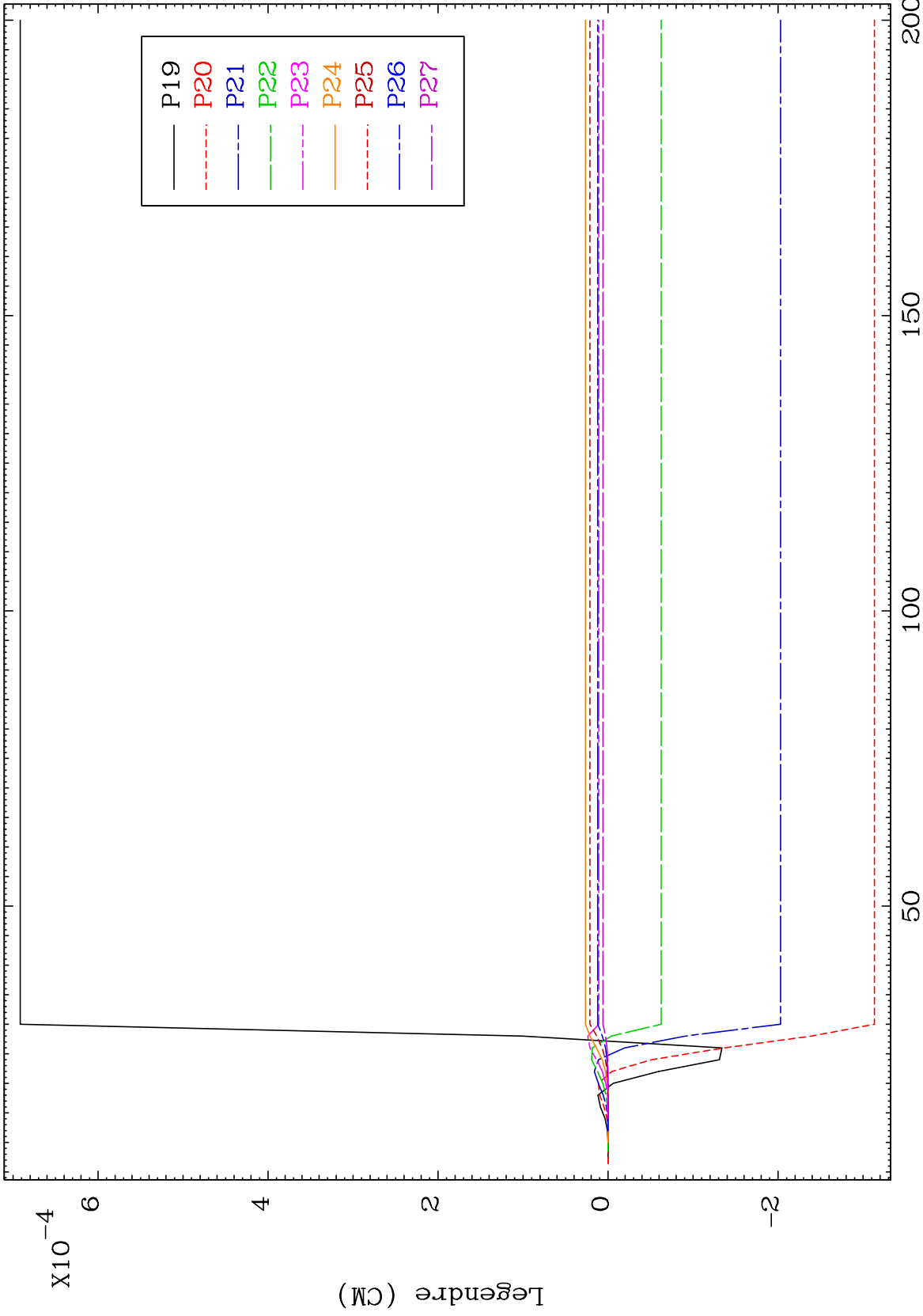
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



47

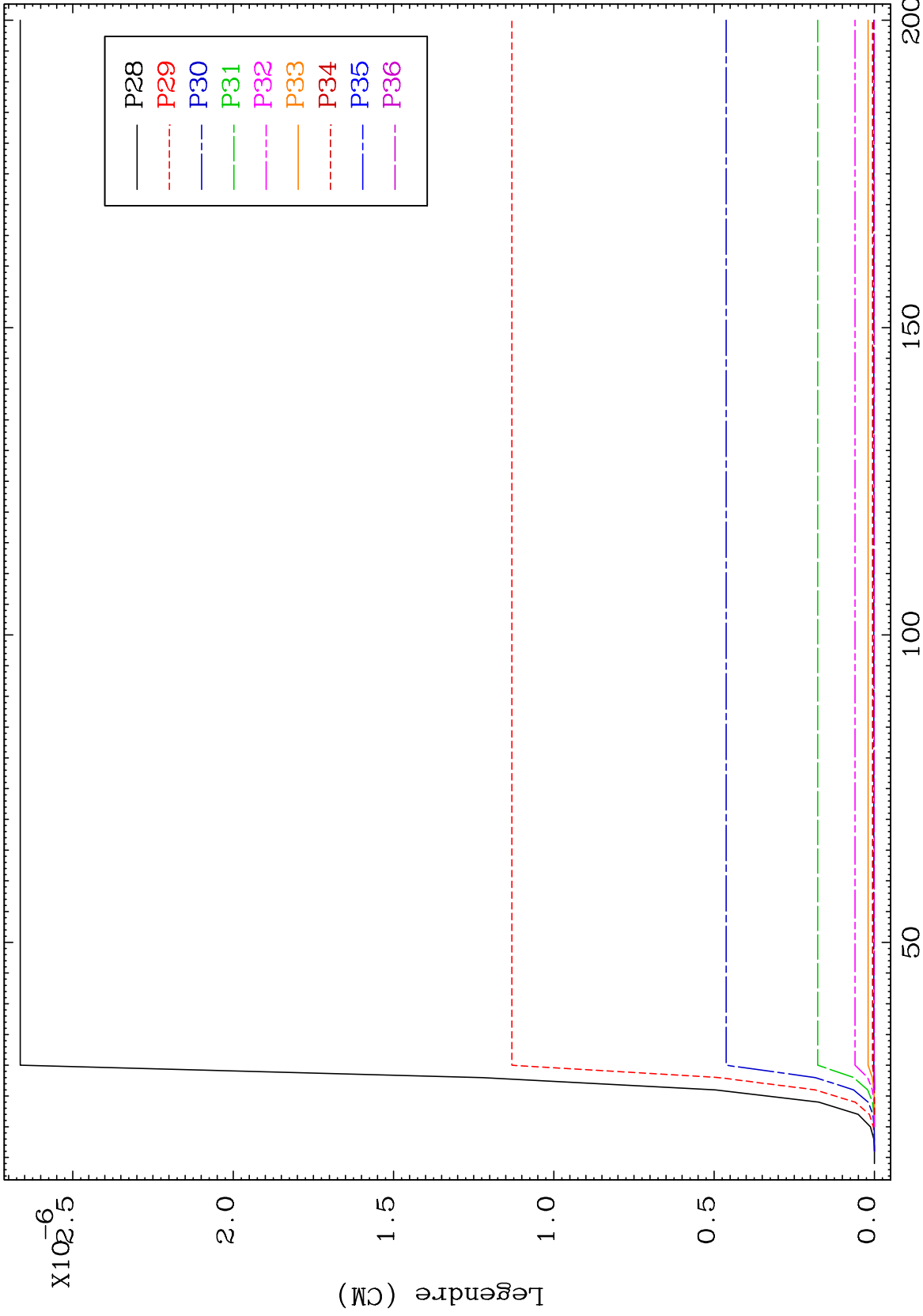
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



48

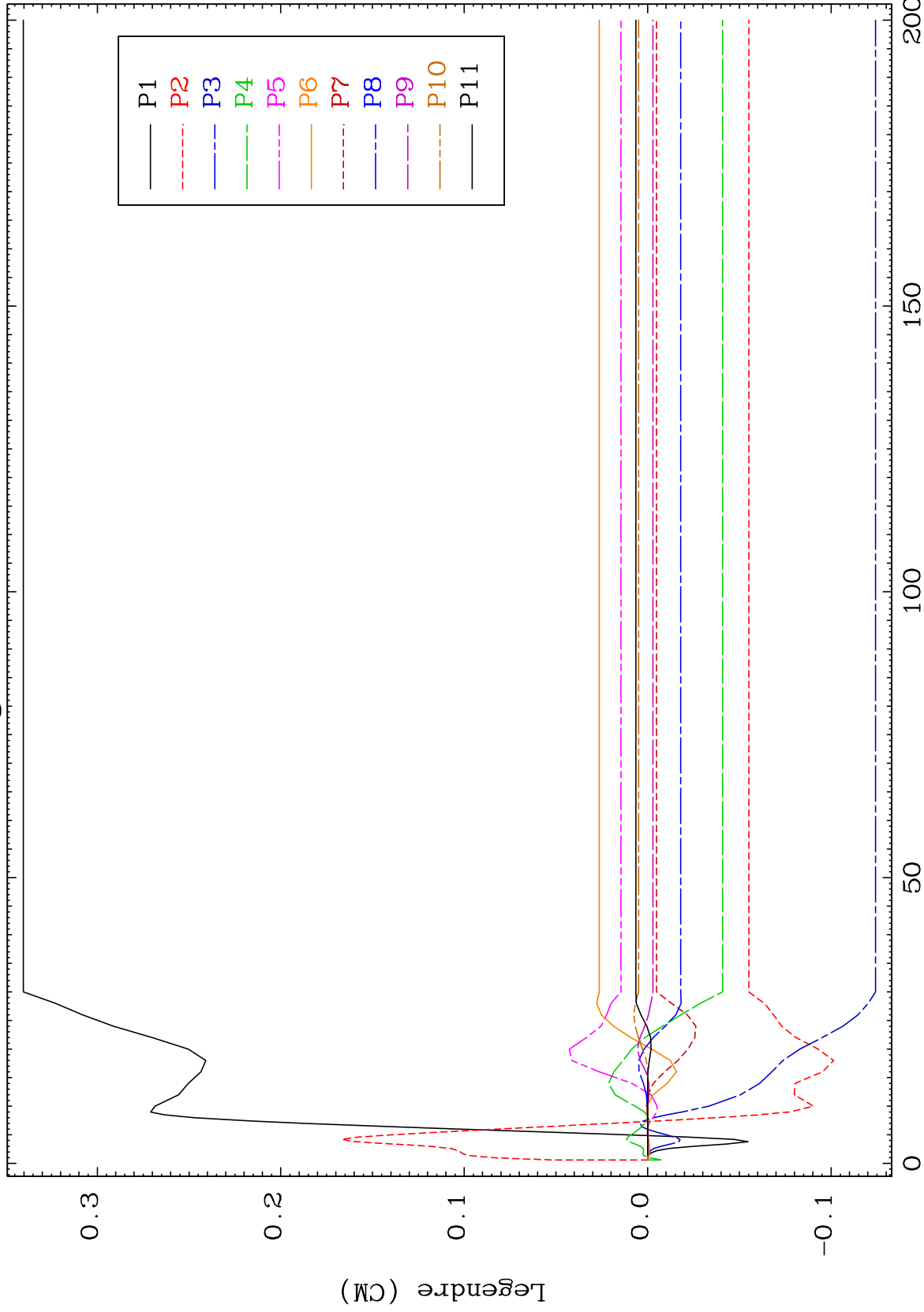
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



49

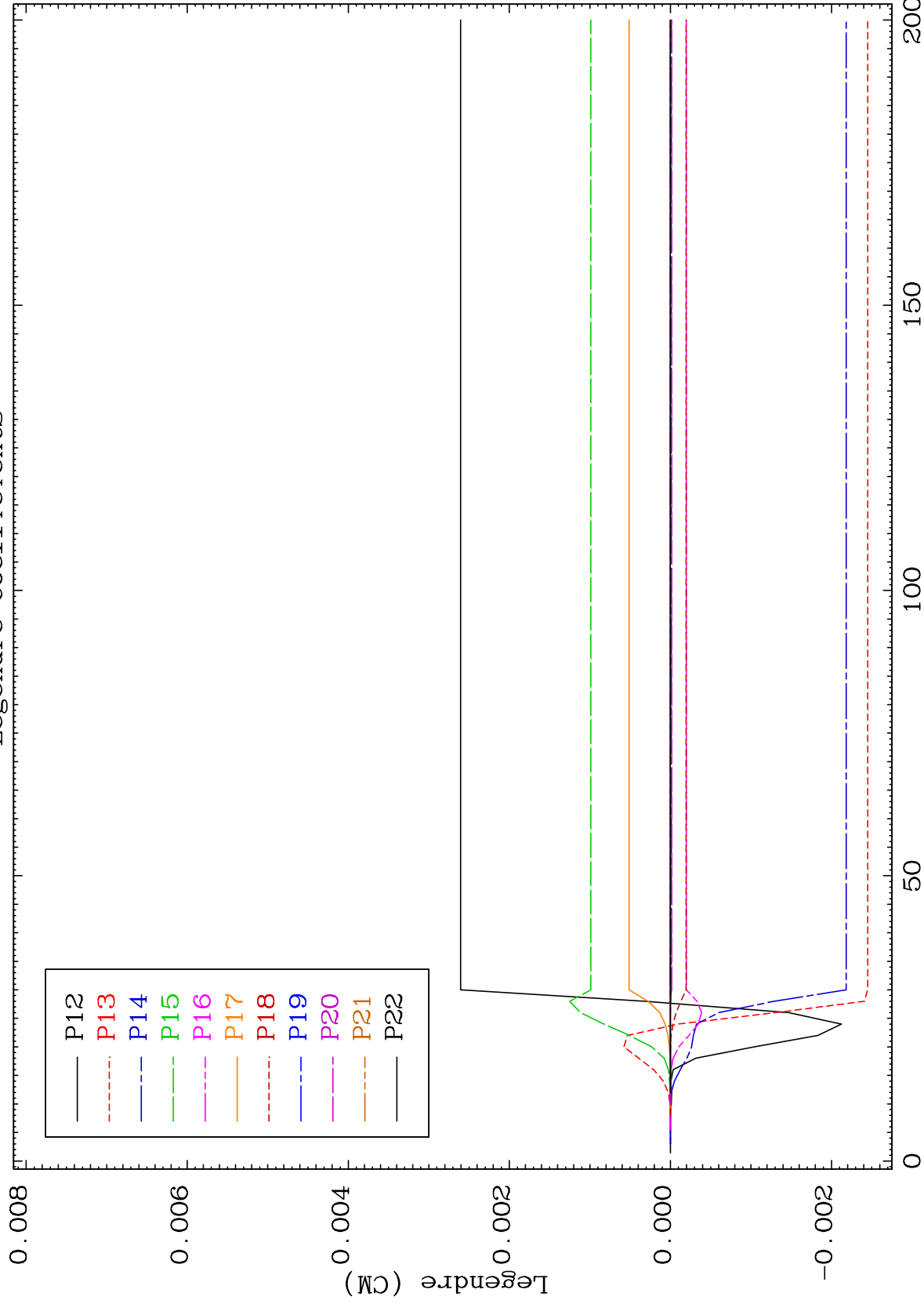
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



50

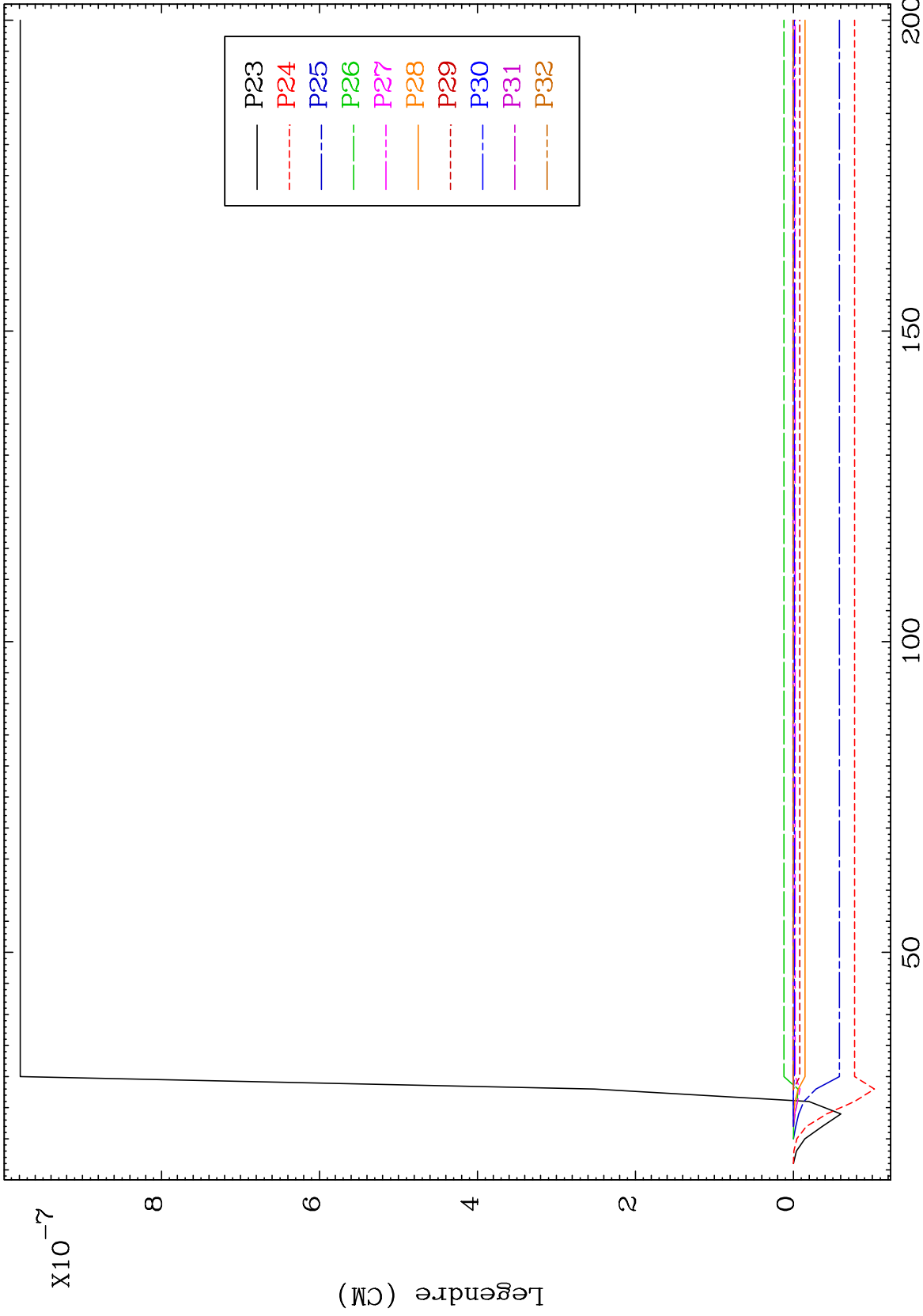
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



51

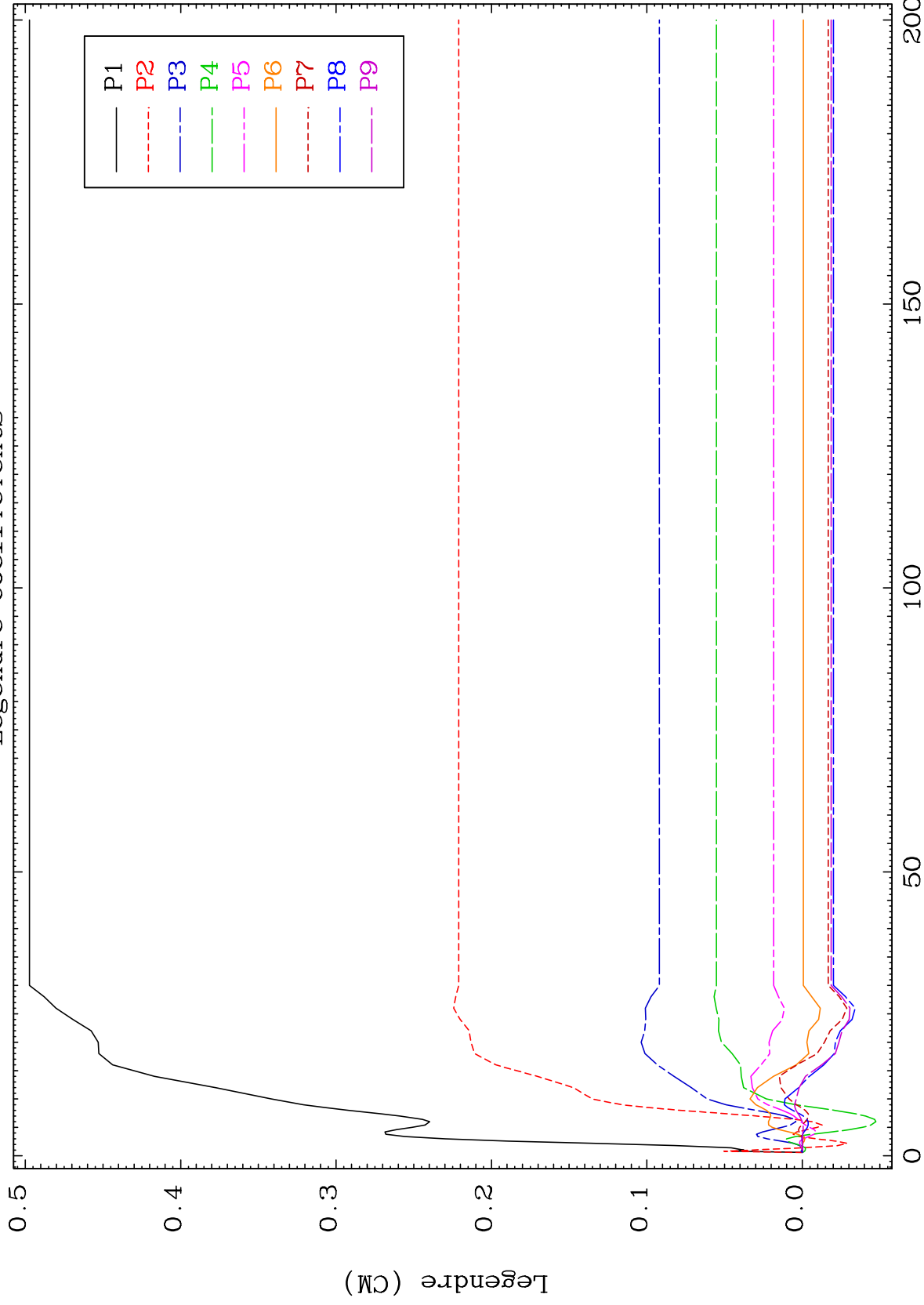
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



52

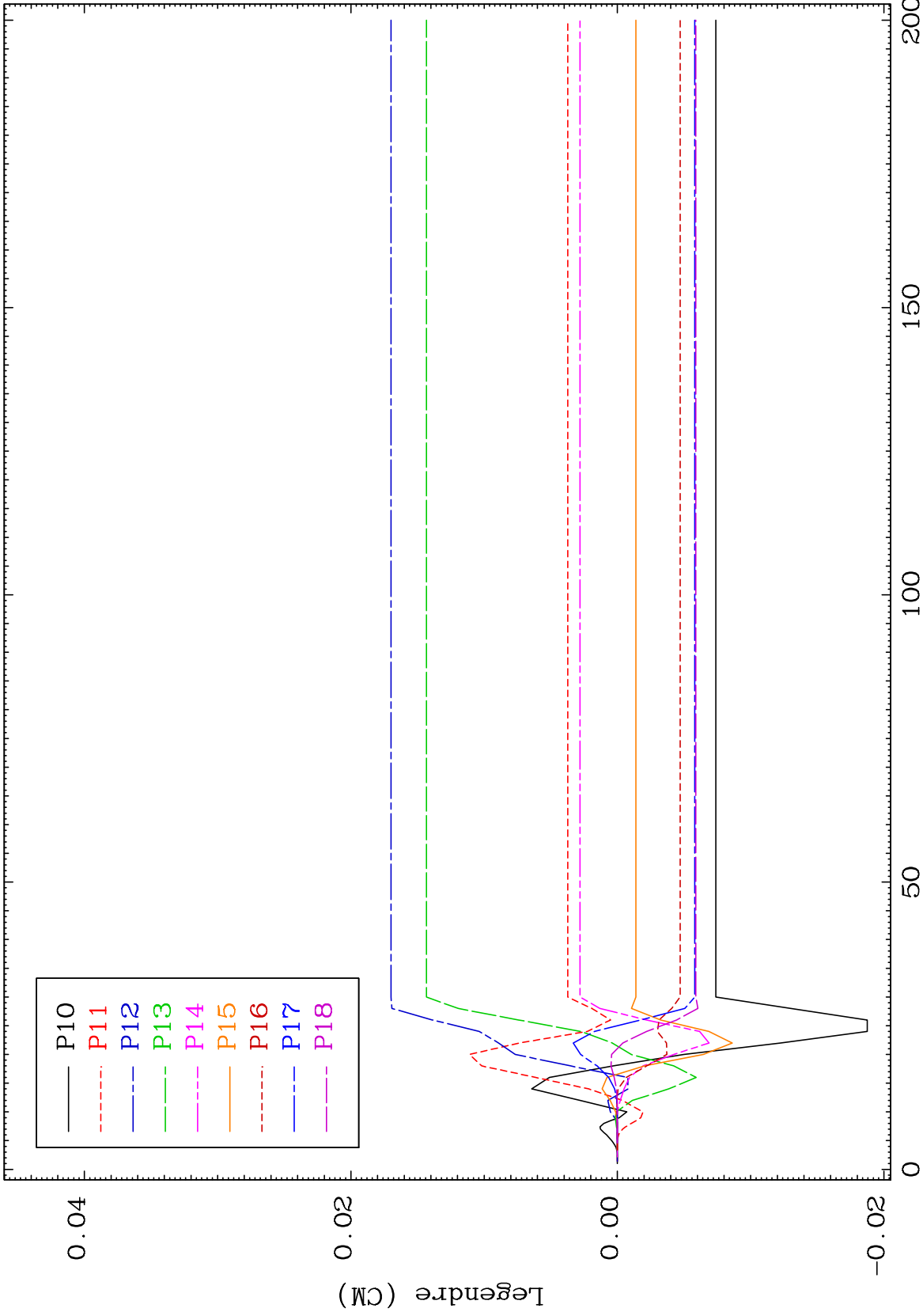
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



53

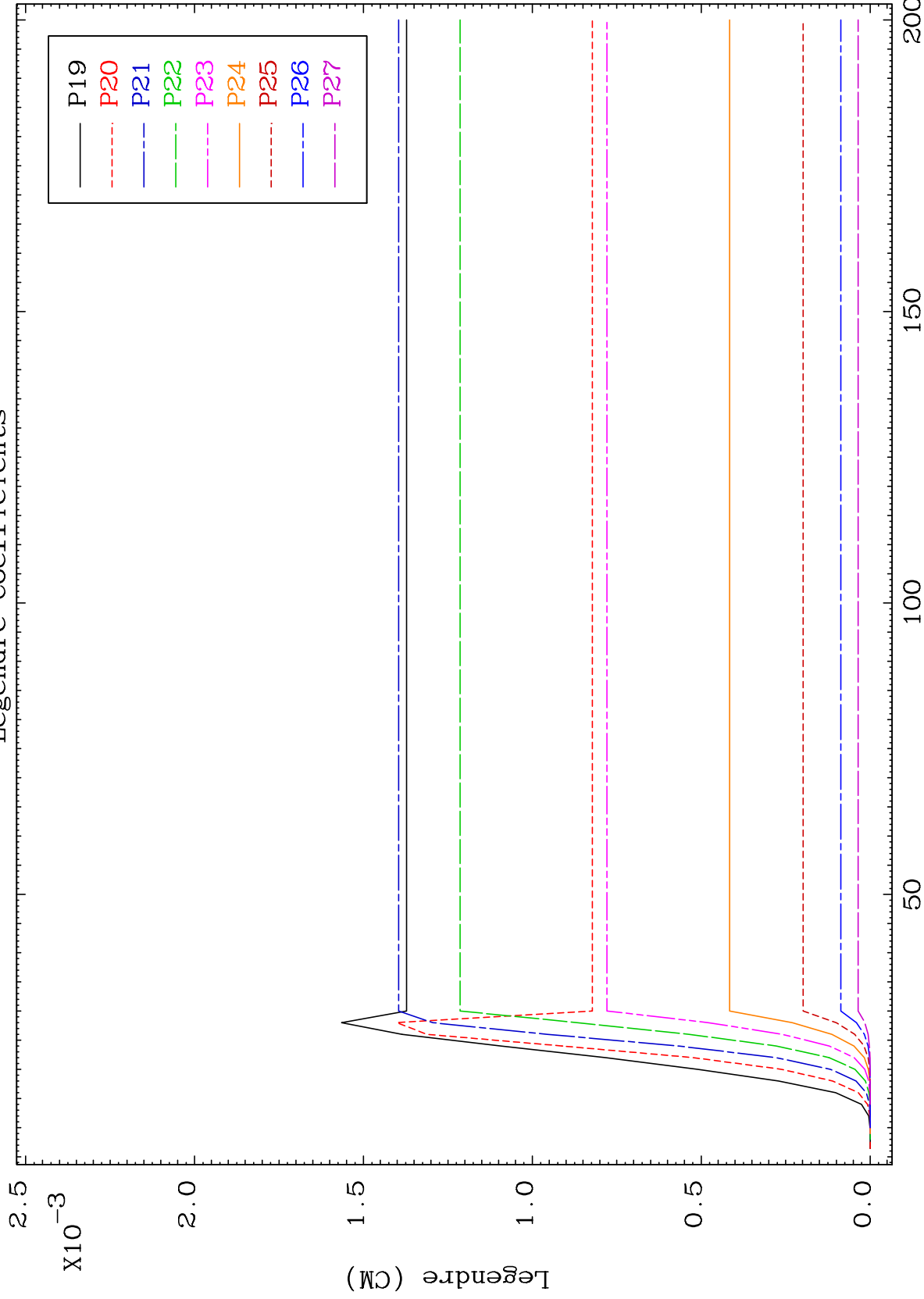
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



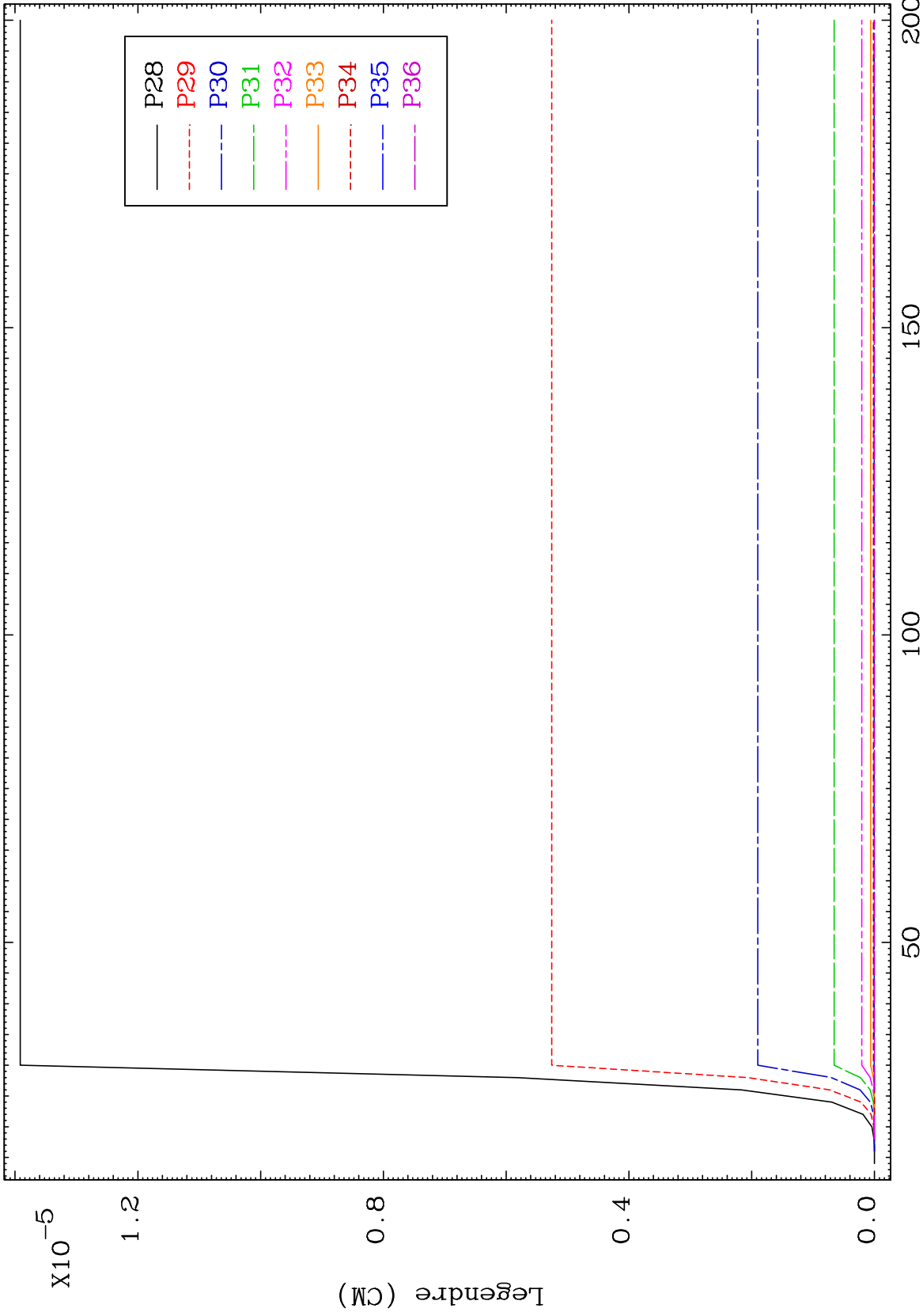
54

77-Ir-173

MAT 7671

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

77-Ir-173



55

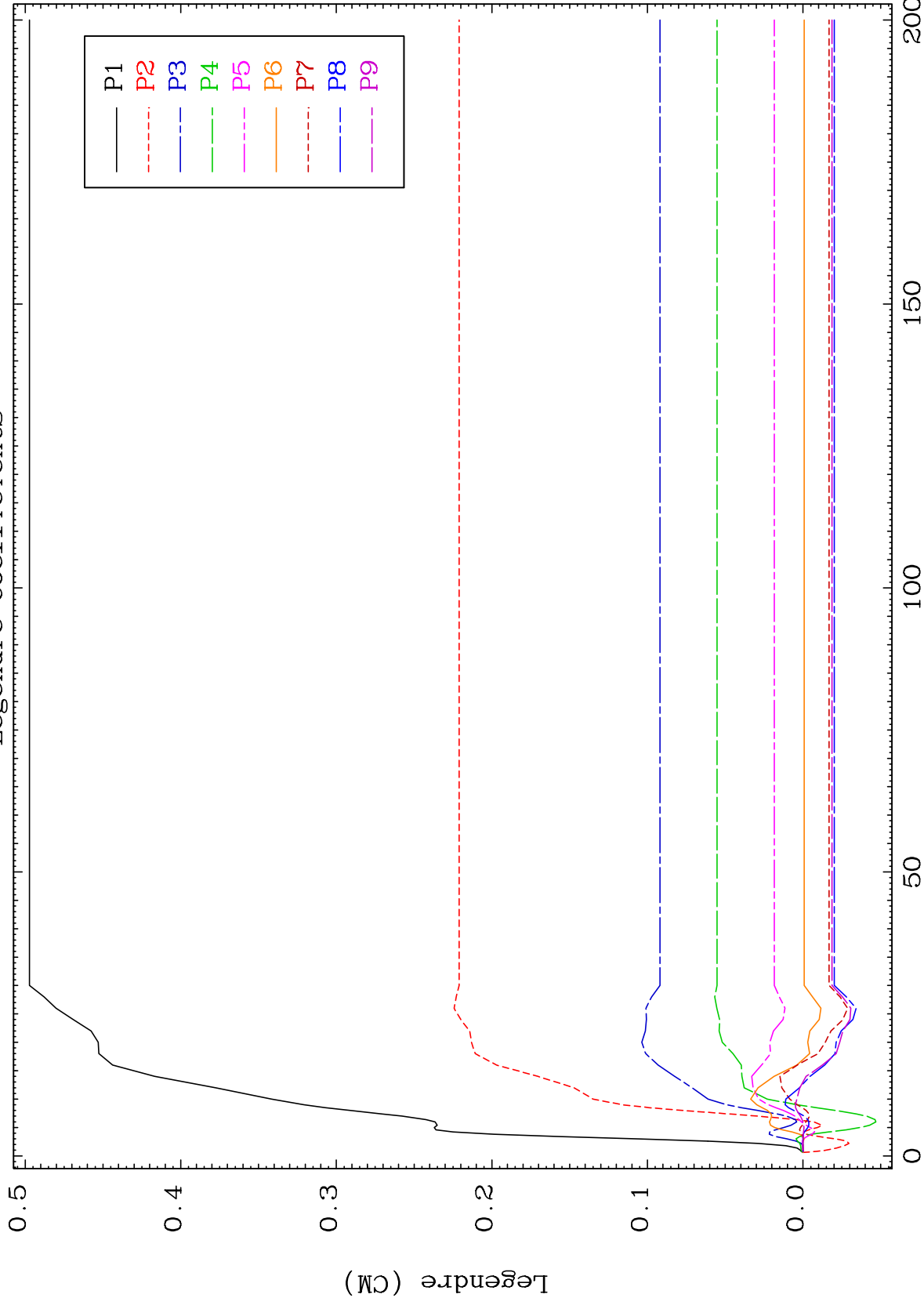
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173

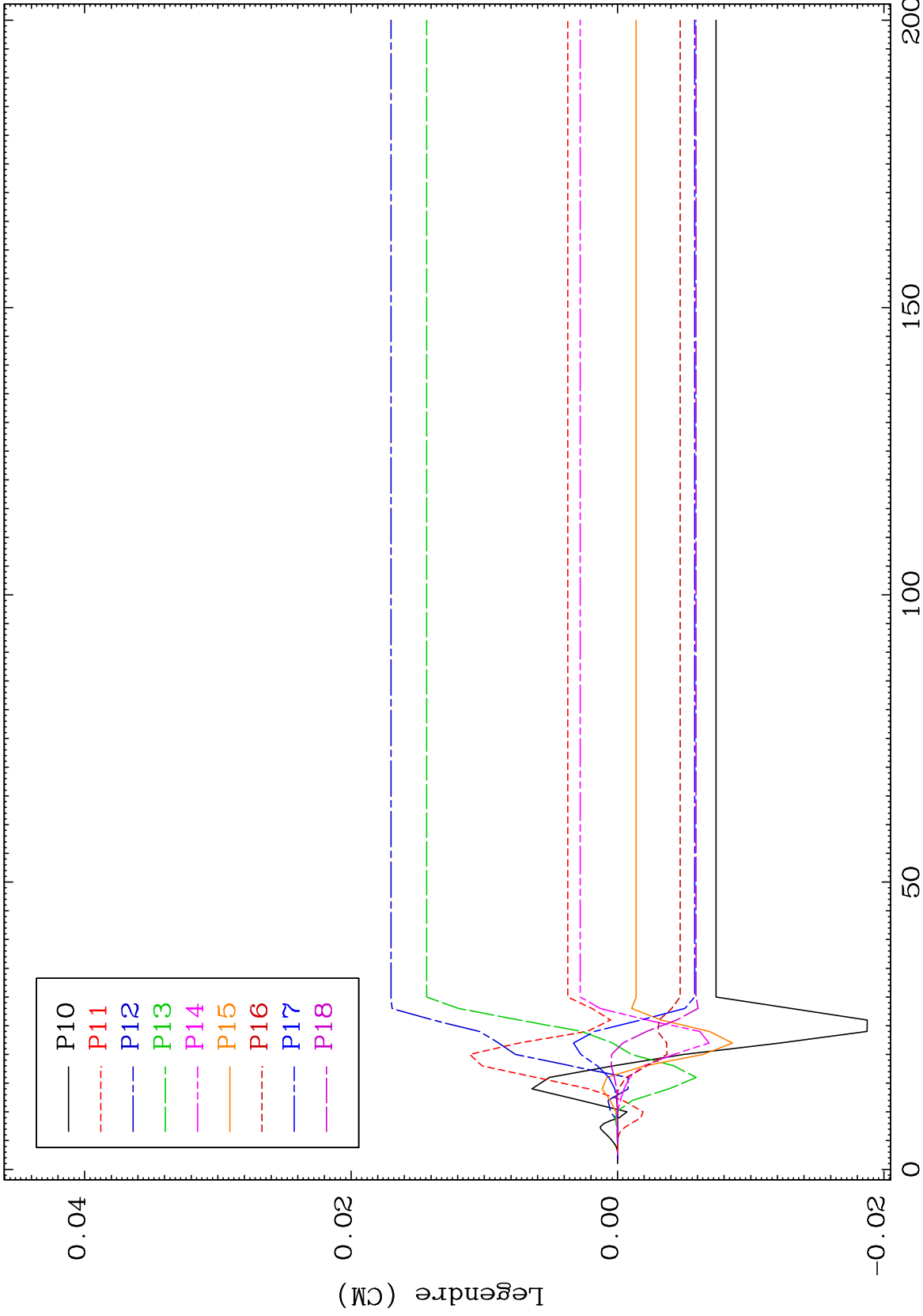


56

MAT 7671

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

77-Ir-173



57

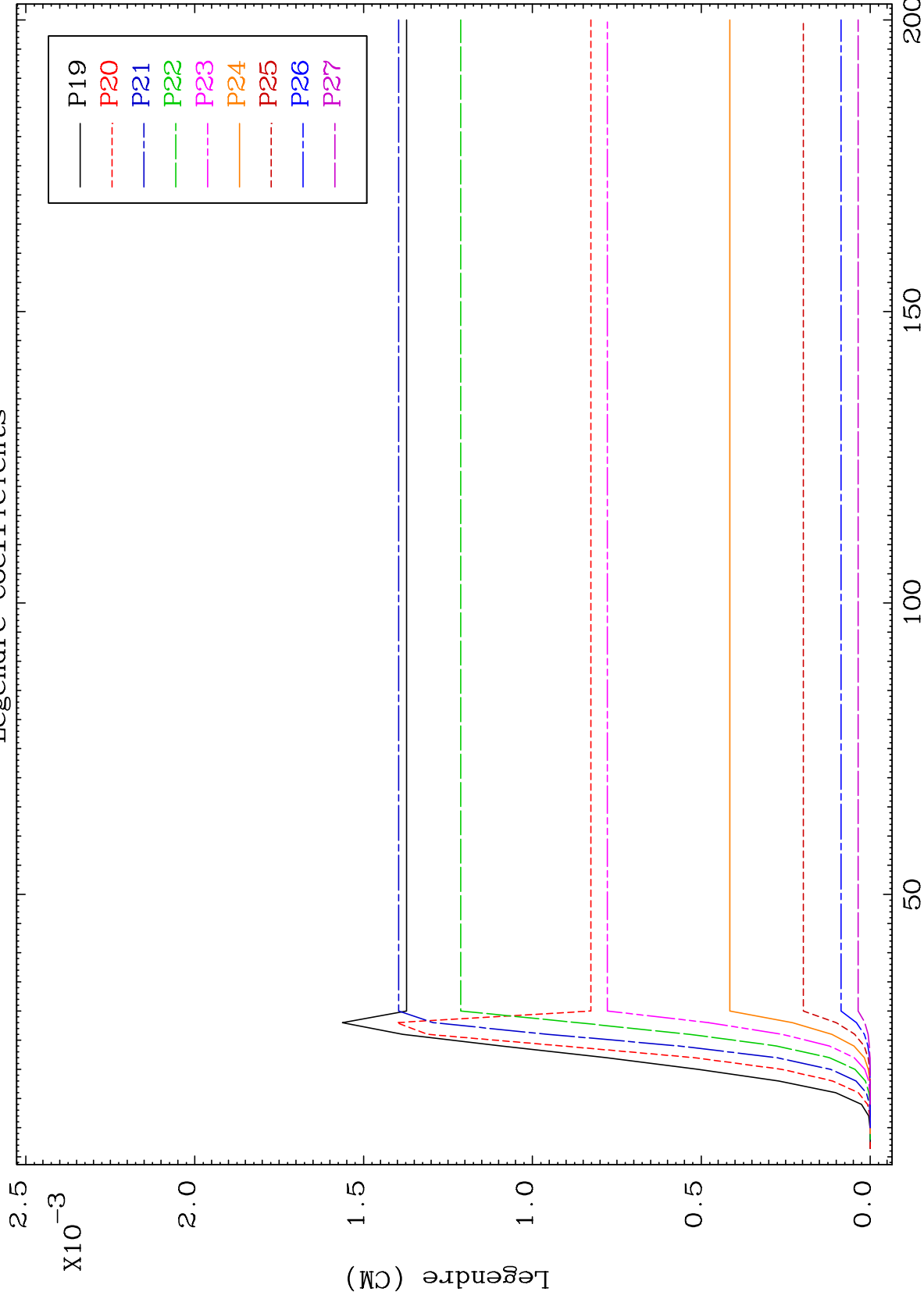
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



58

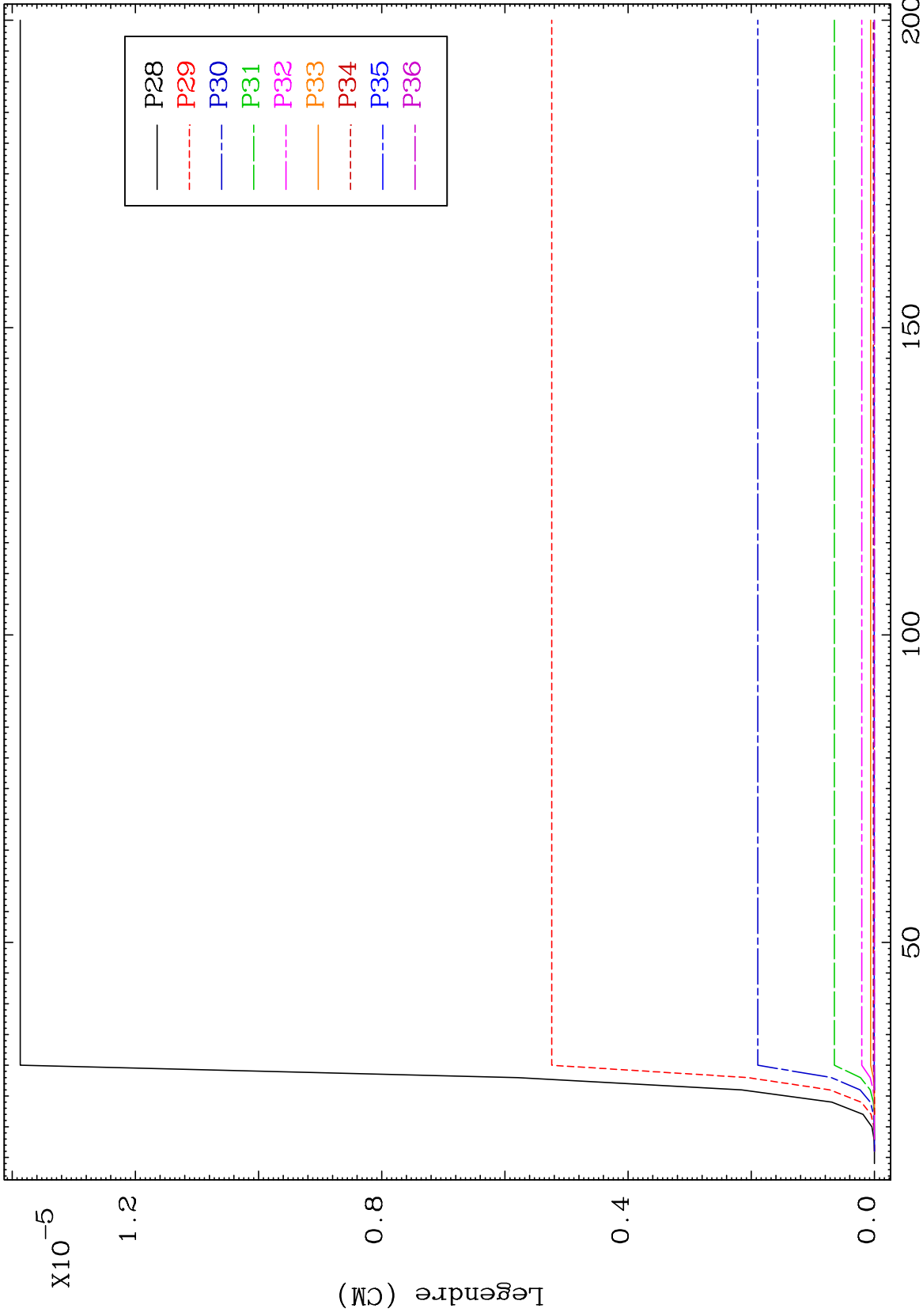
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



59

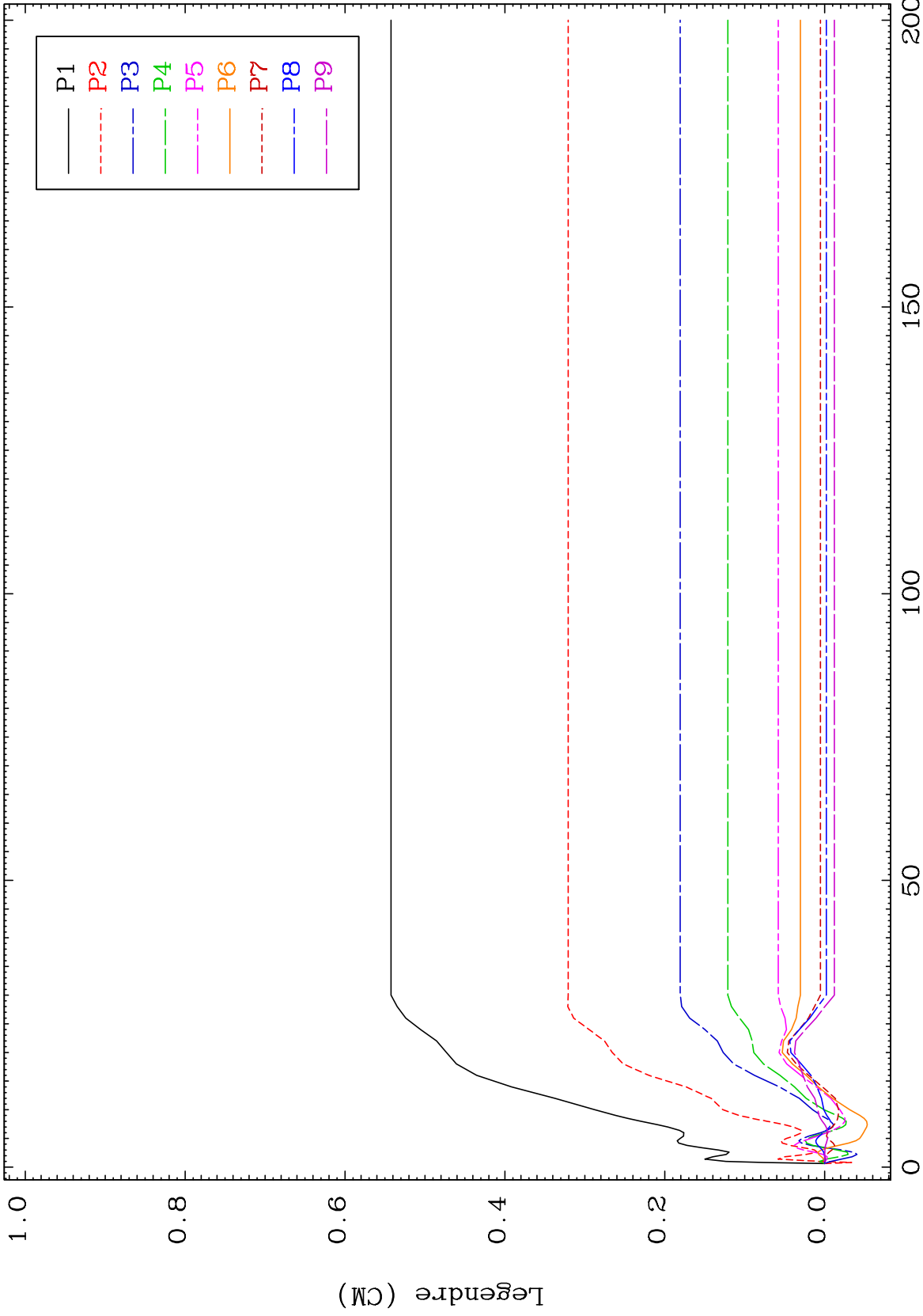
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173

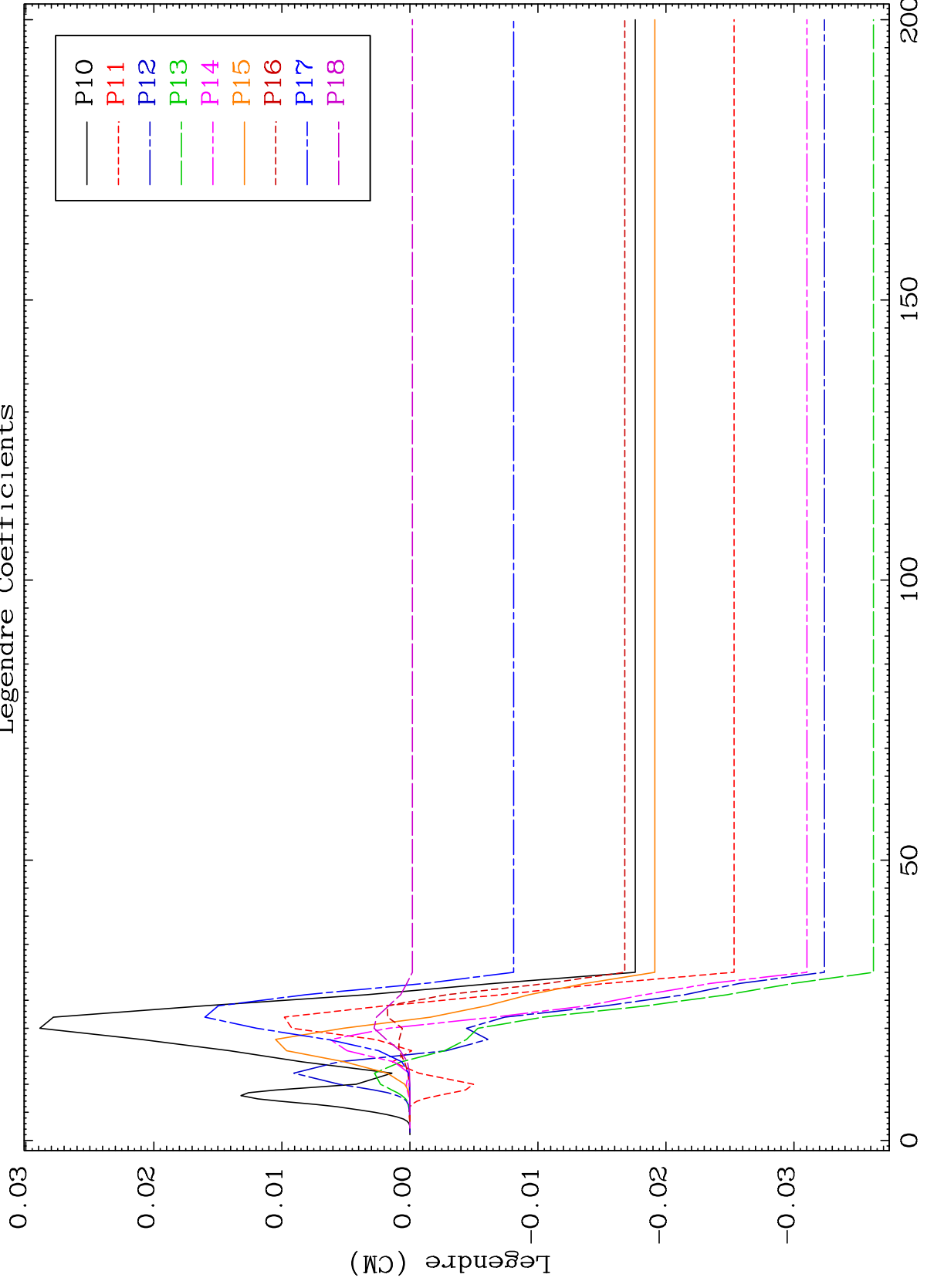


77-Ir-173

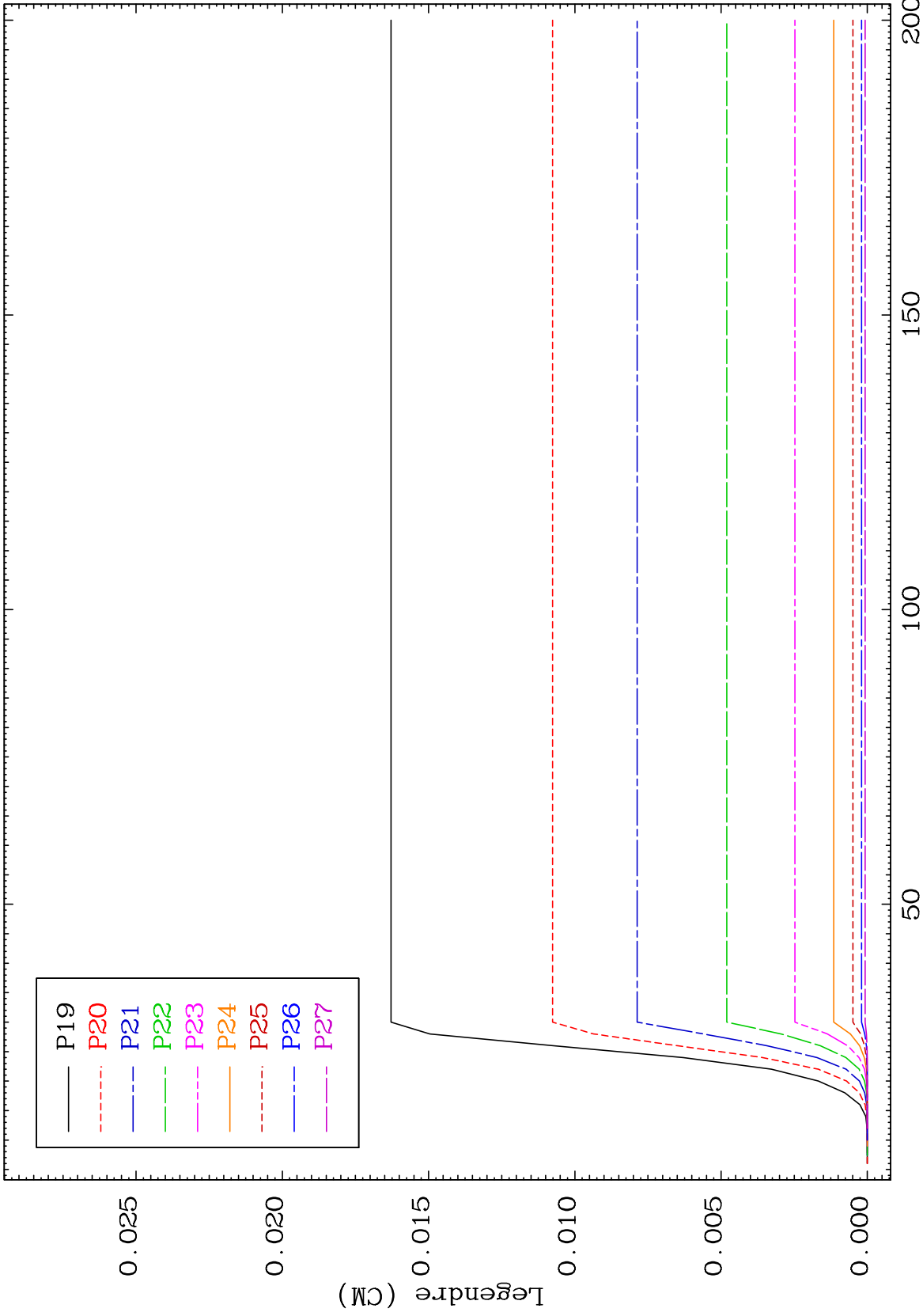
Incident Energy (MeV)

60

MAT 7671 MT= 61 (n,n') Level Legendre Coefficients 77-Ir-173



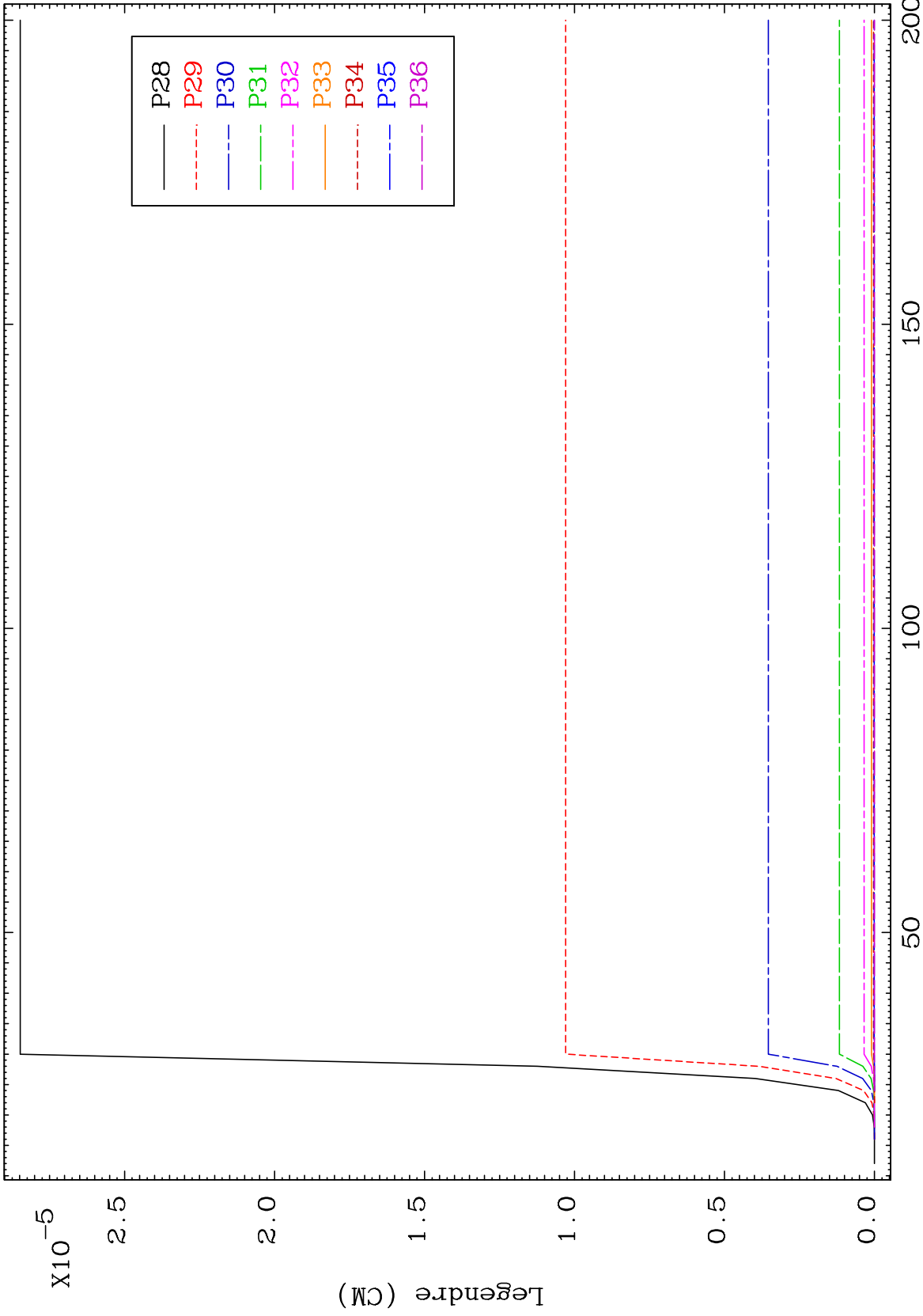
61 77-Ir-173



MAT 7671

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

77-Ir-173



63

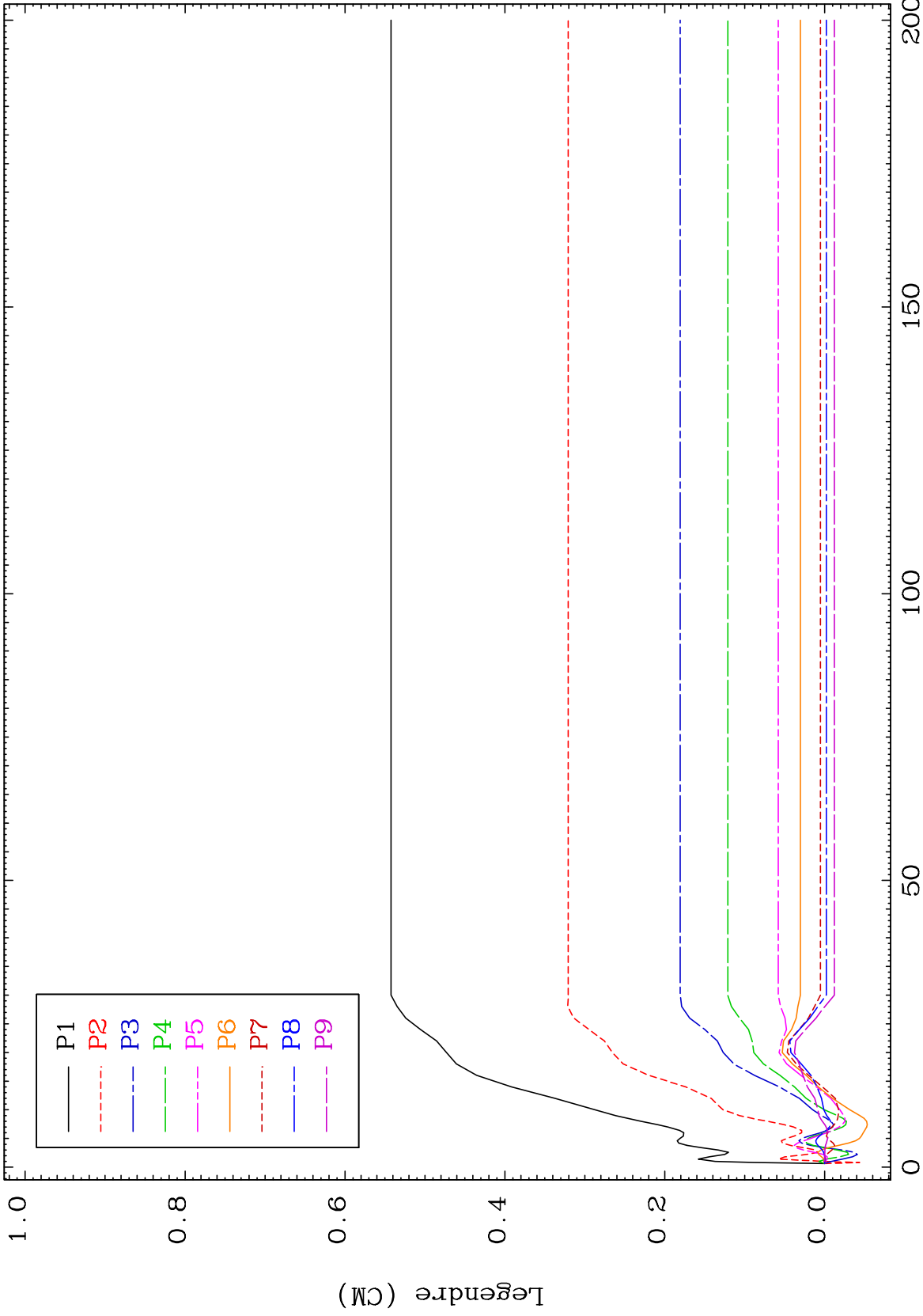
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173

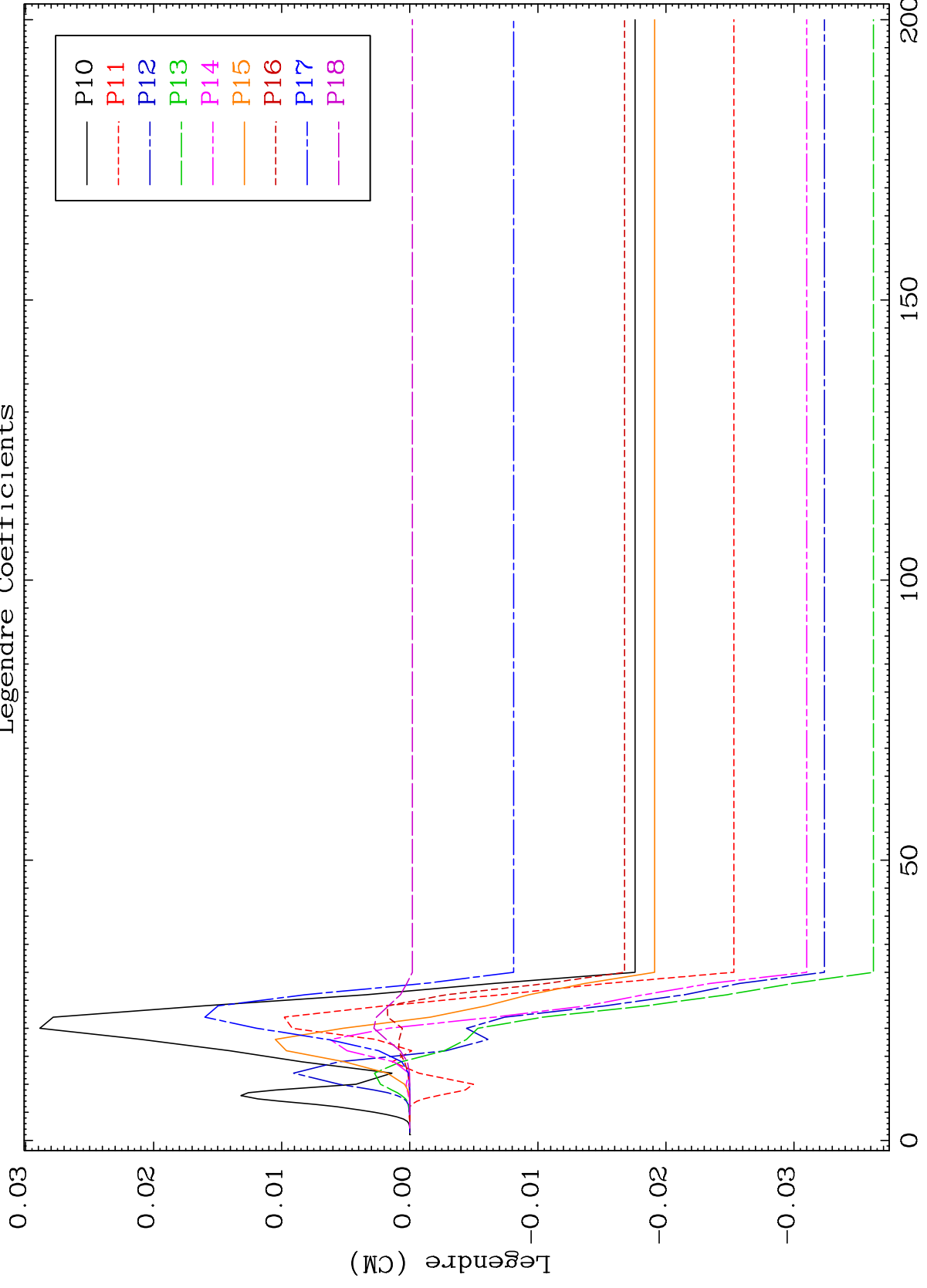


64

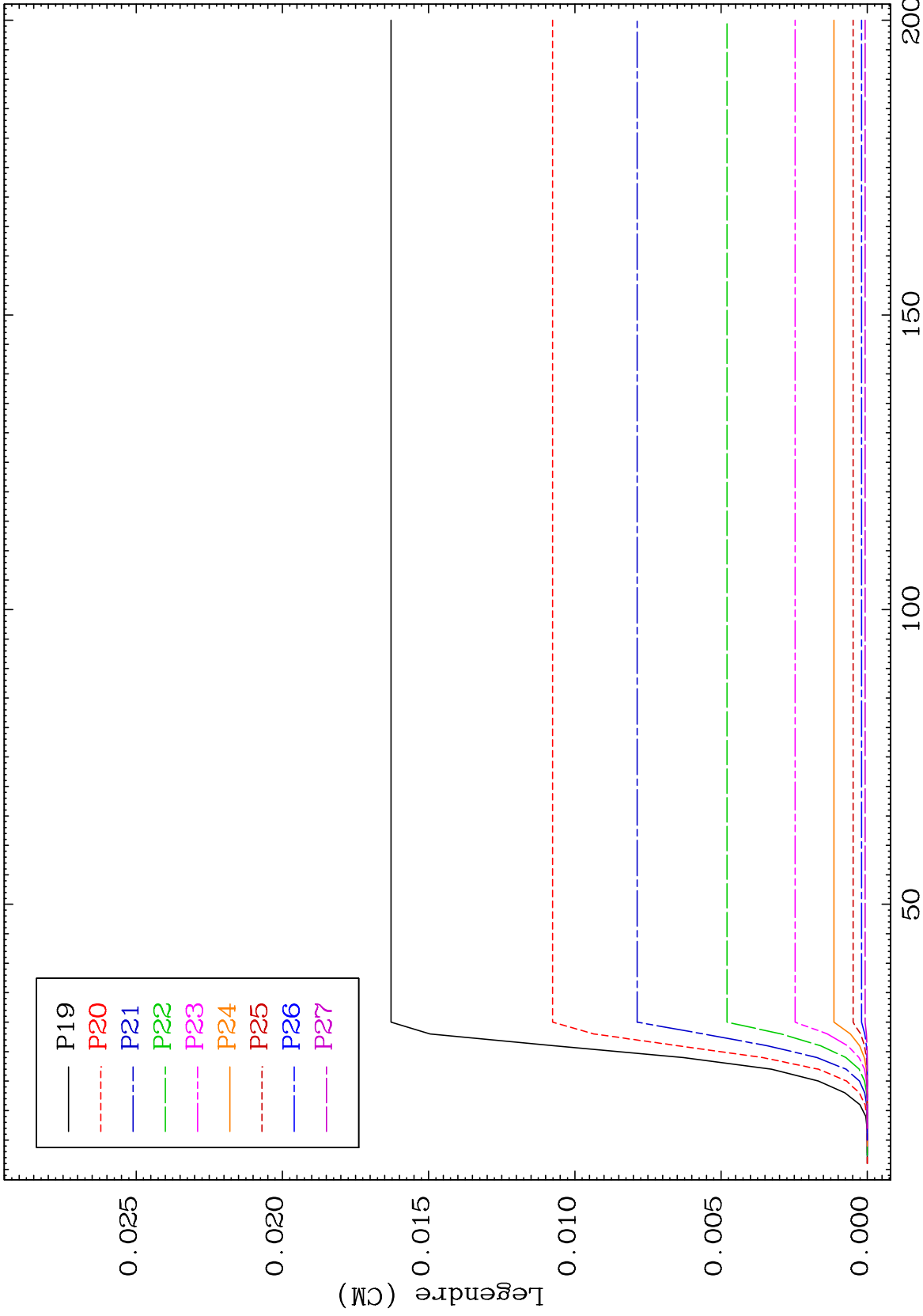
Incident Energy (MeV)

77-Ir-173

MAT 7671 MT= 62 (n,n') Level Legendre Coefficients 77-Ir-173



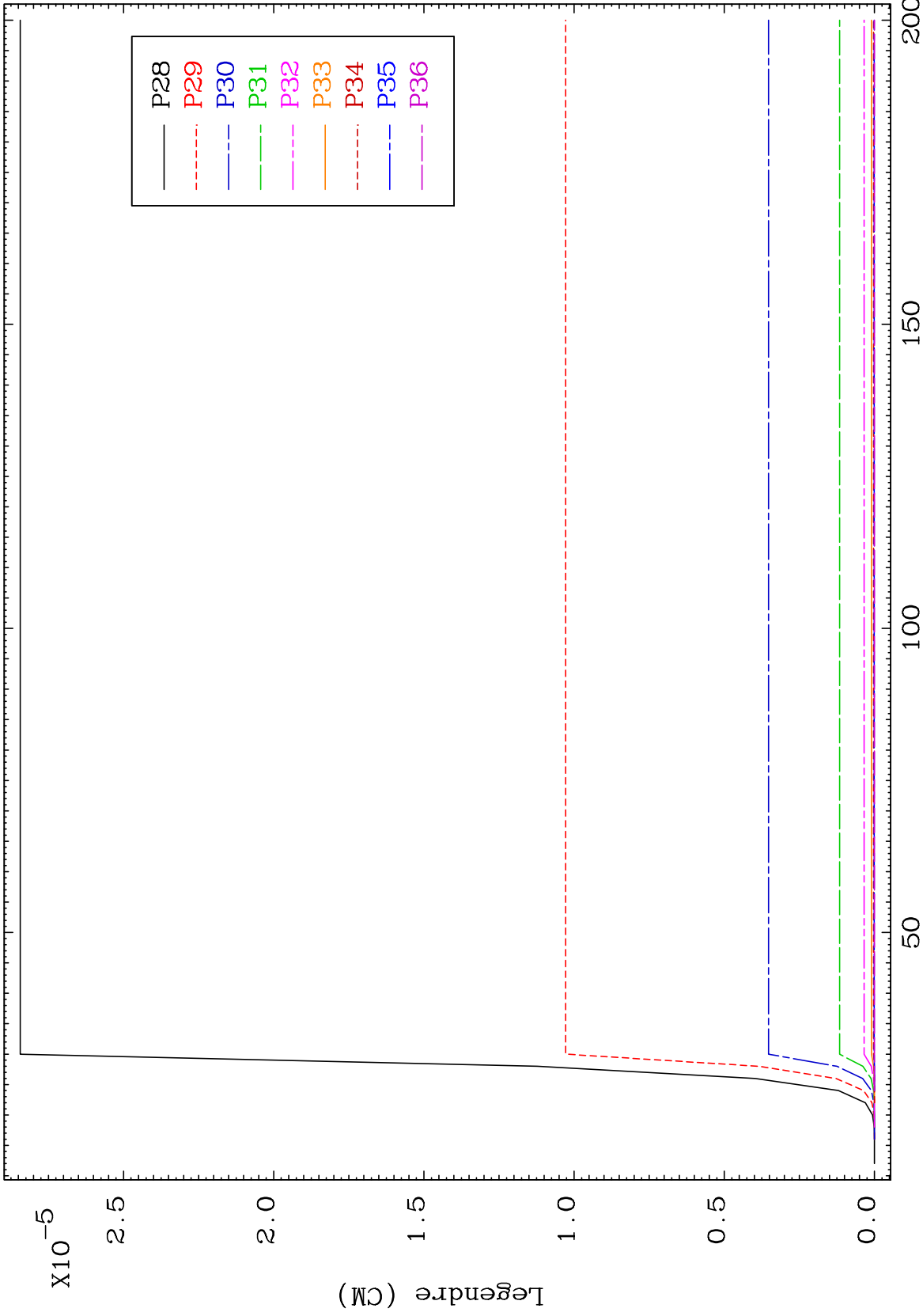
65 77-Ir-173



MAT 7671

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

77-Ir-173



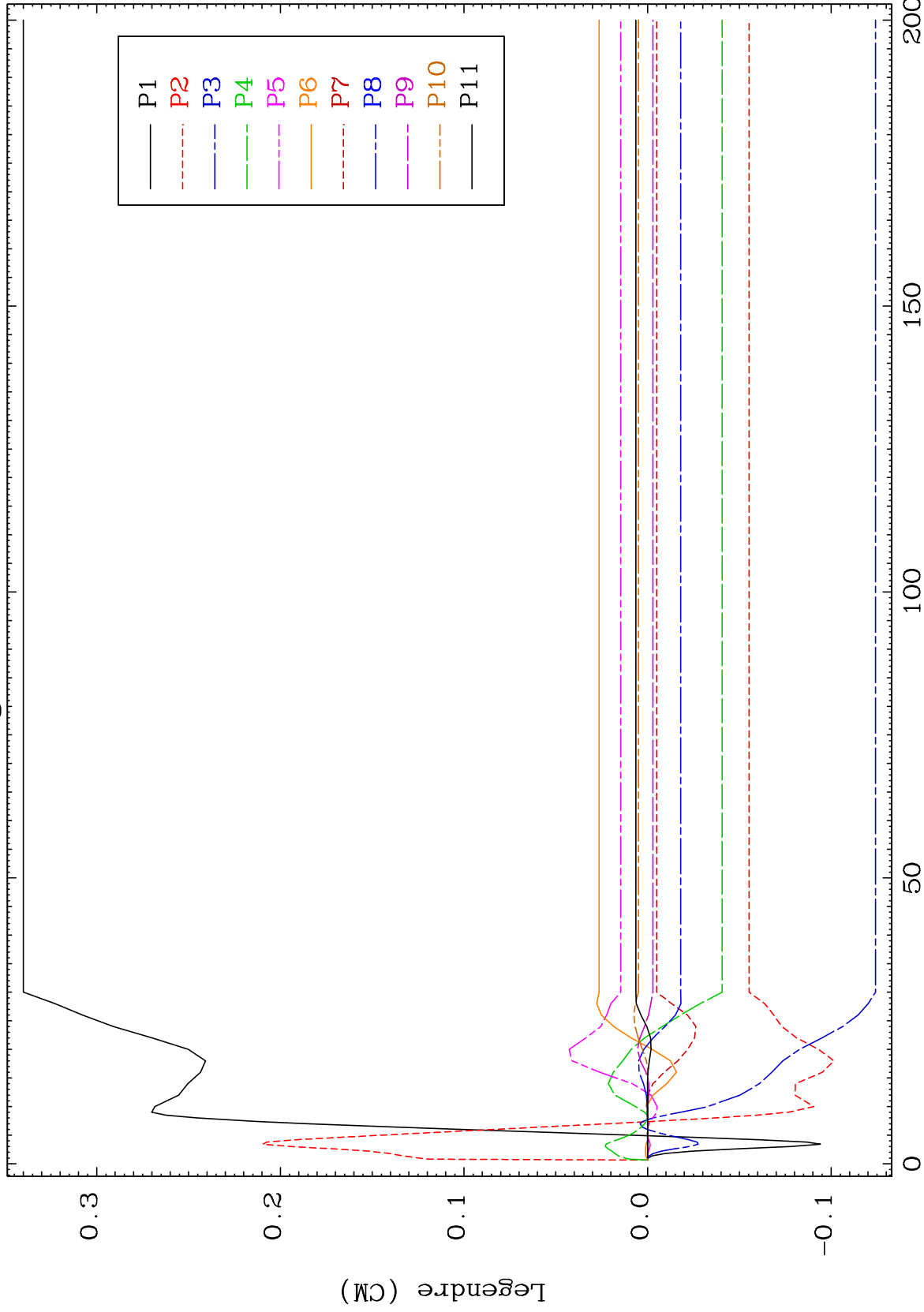
67

77-Ir-173

MAT 7671

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

77-Ir-173



68

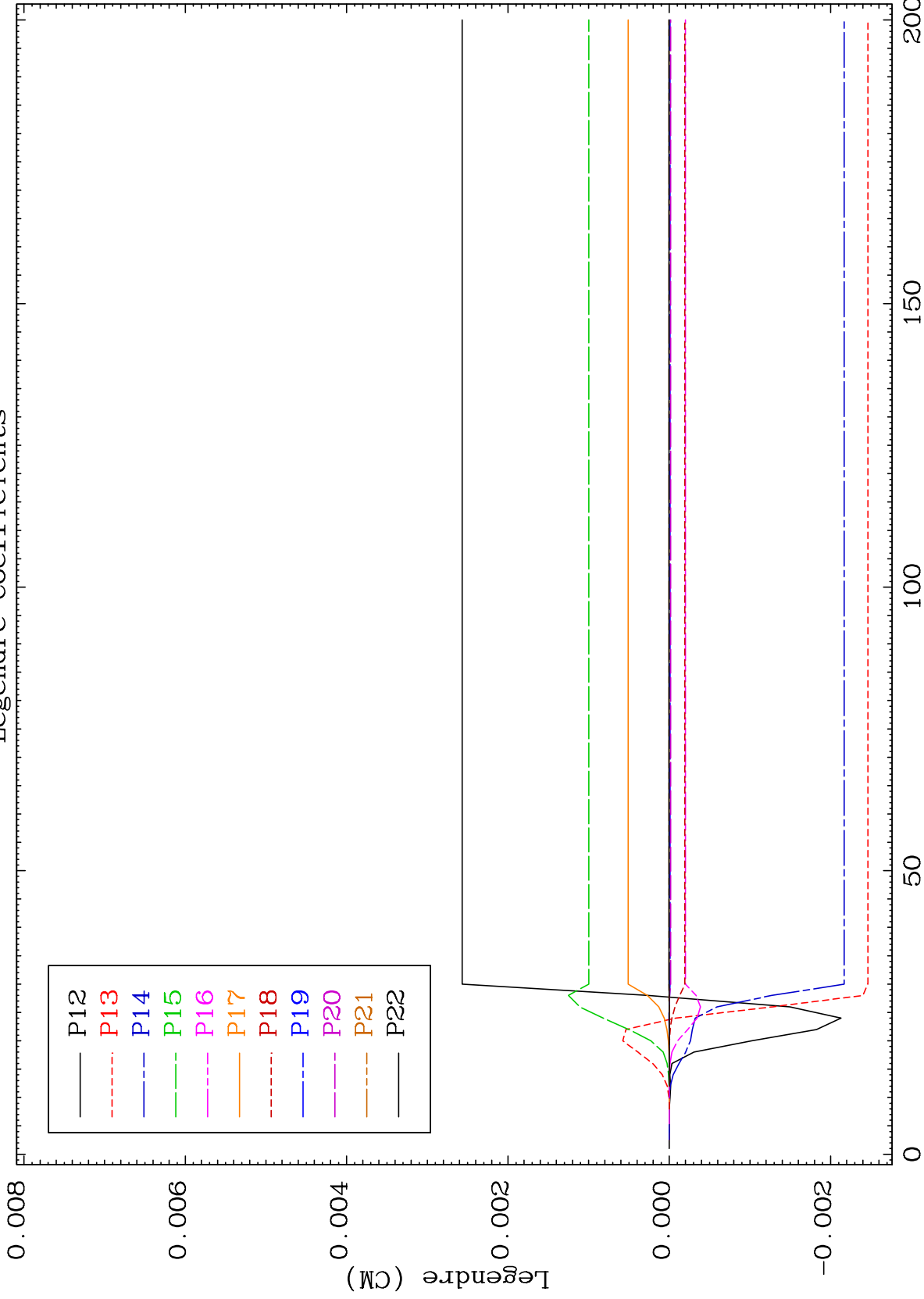
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



69

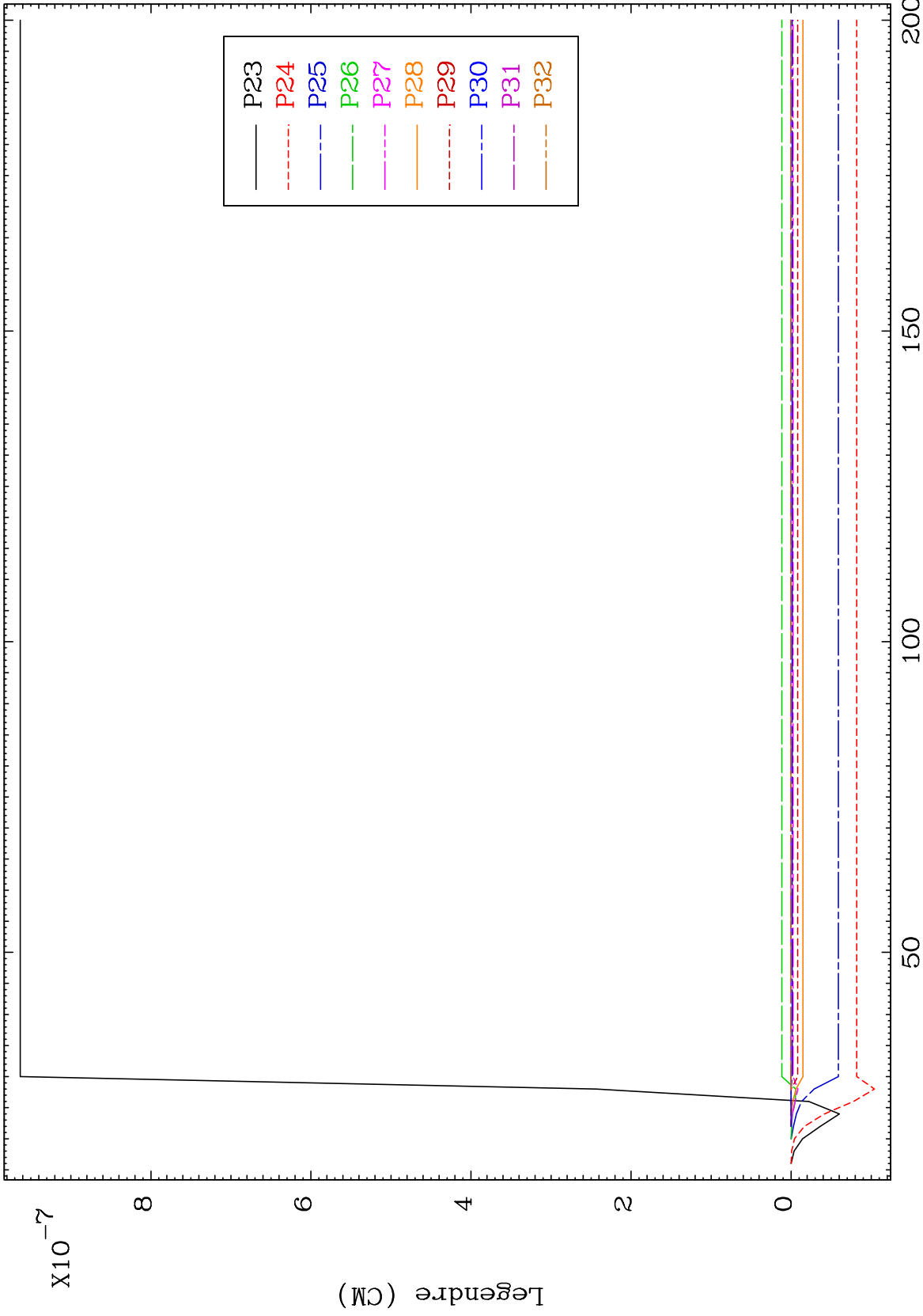
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



70

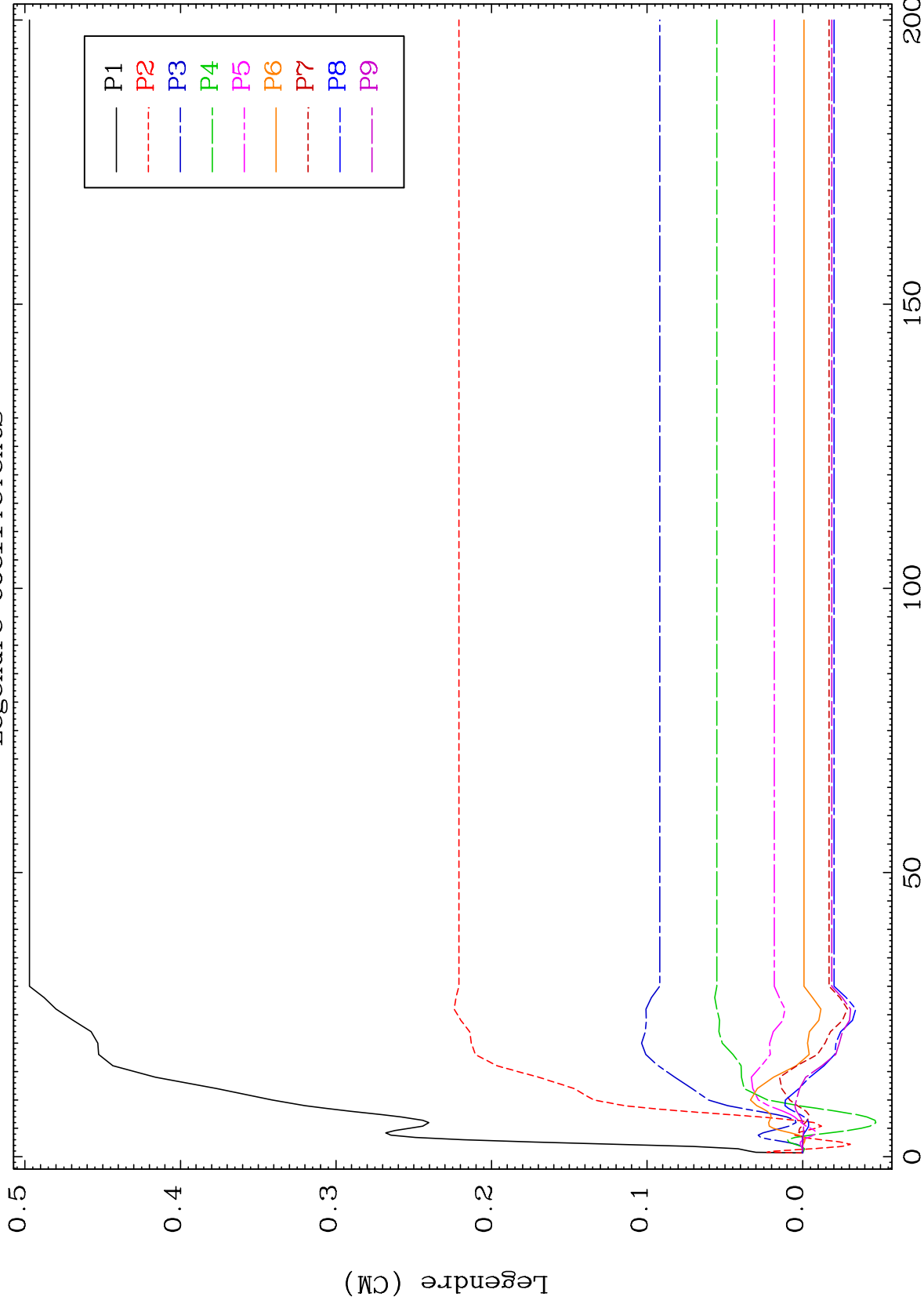
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



71

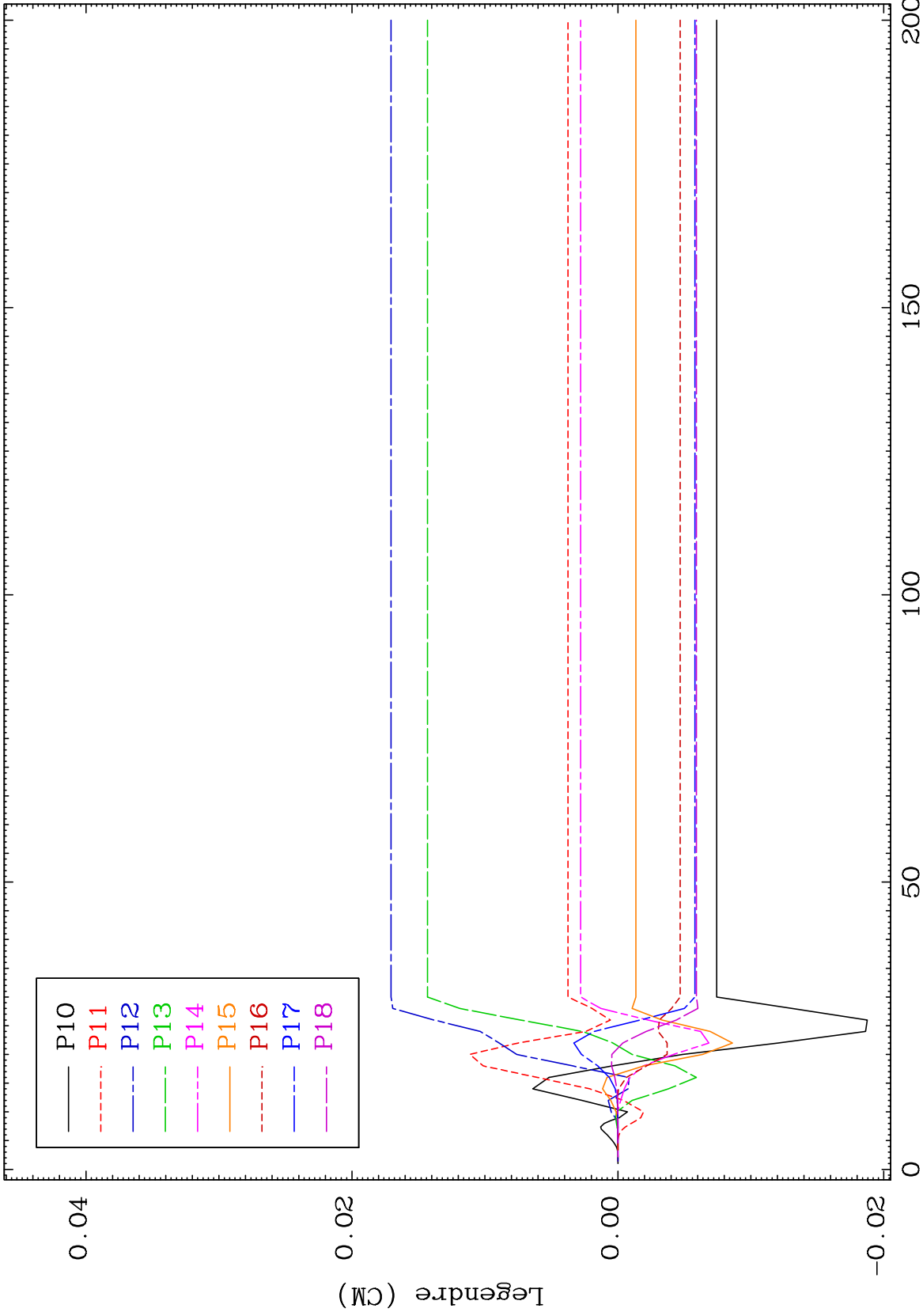
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



72

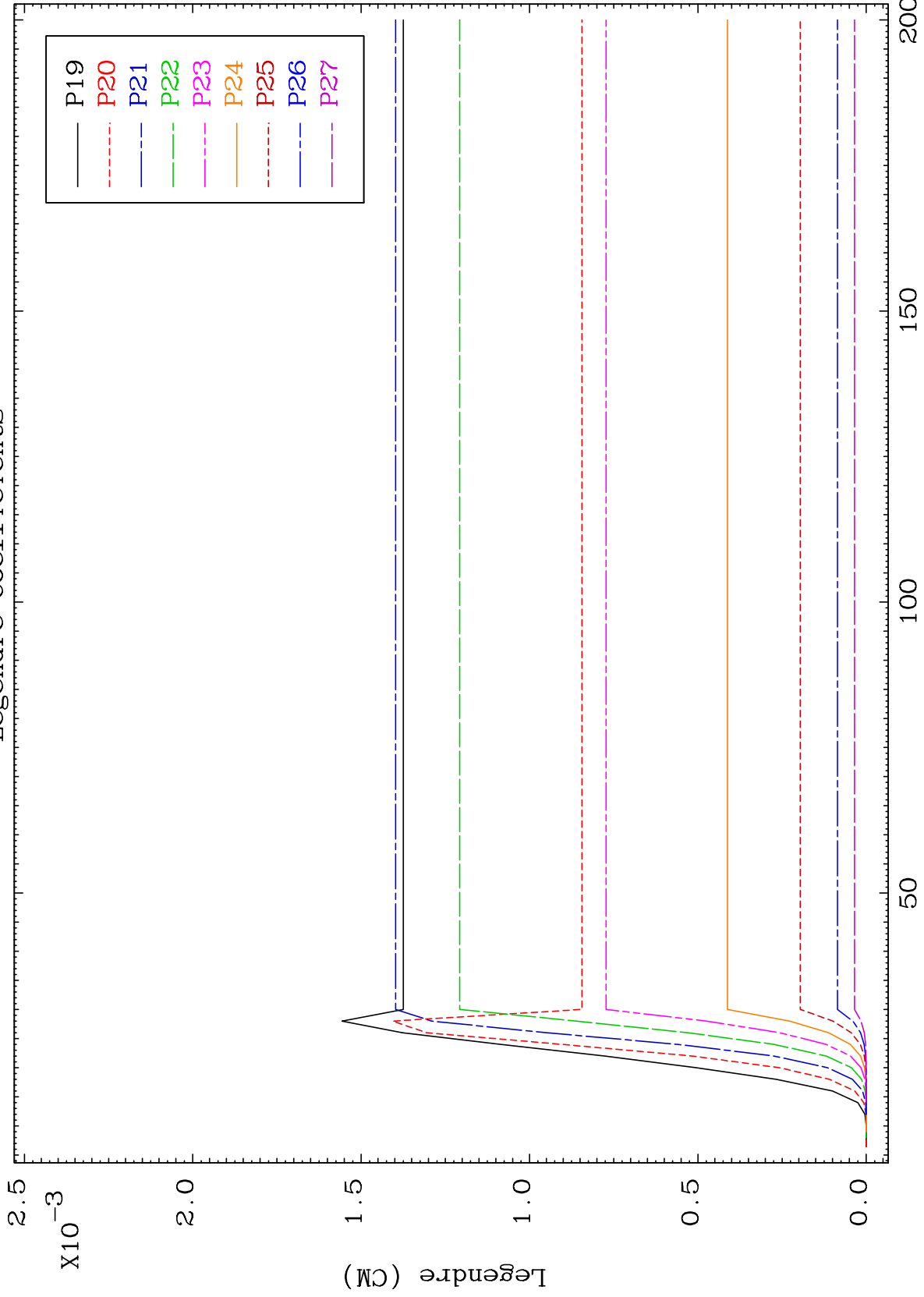
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



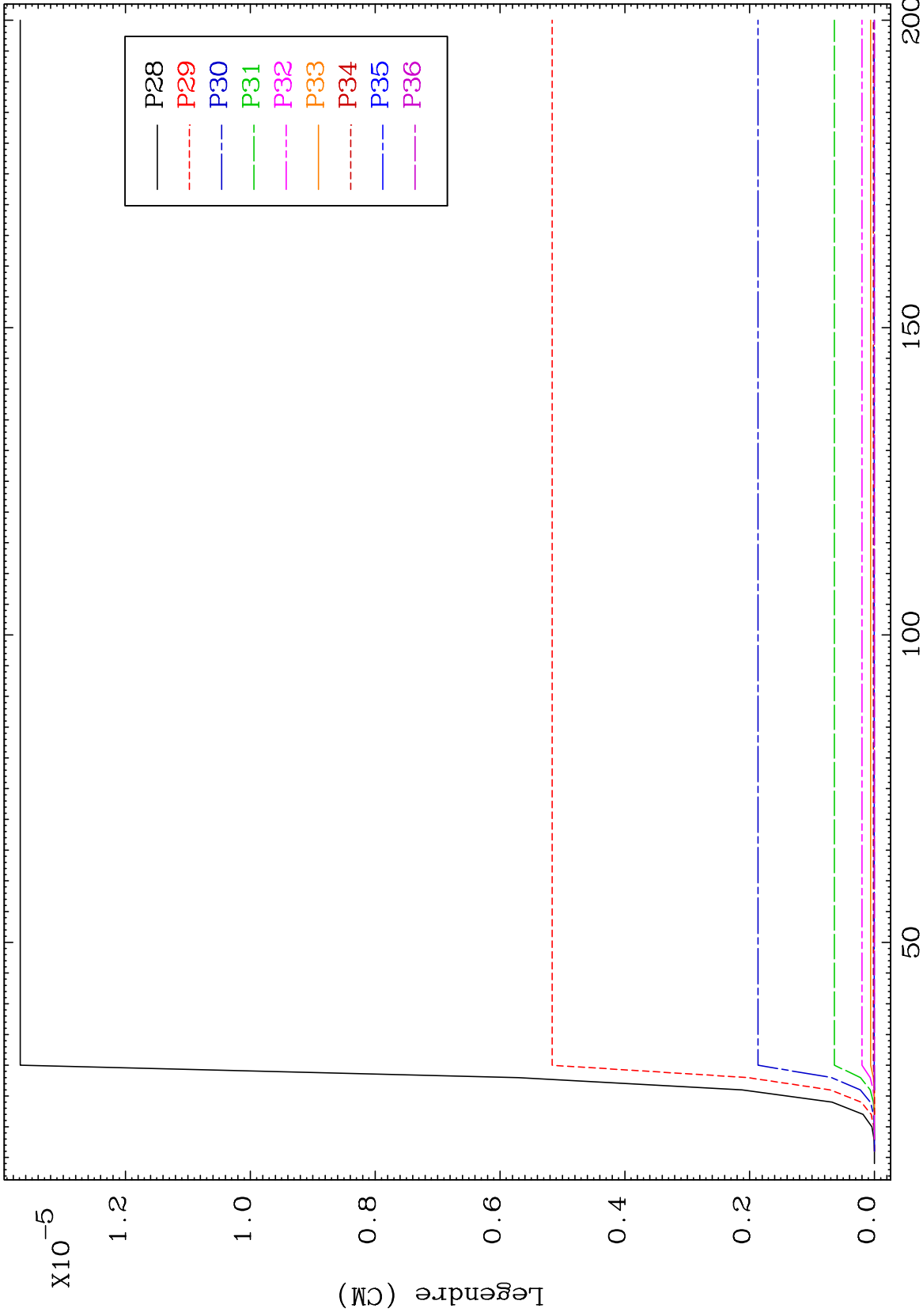
73

77-Ir-173

MAT 7671

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

77-Ir-173



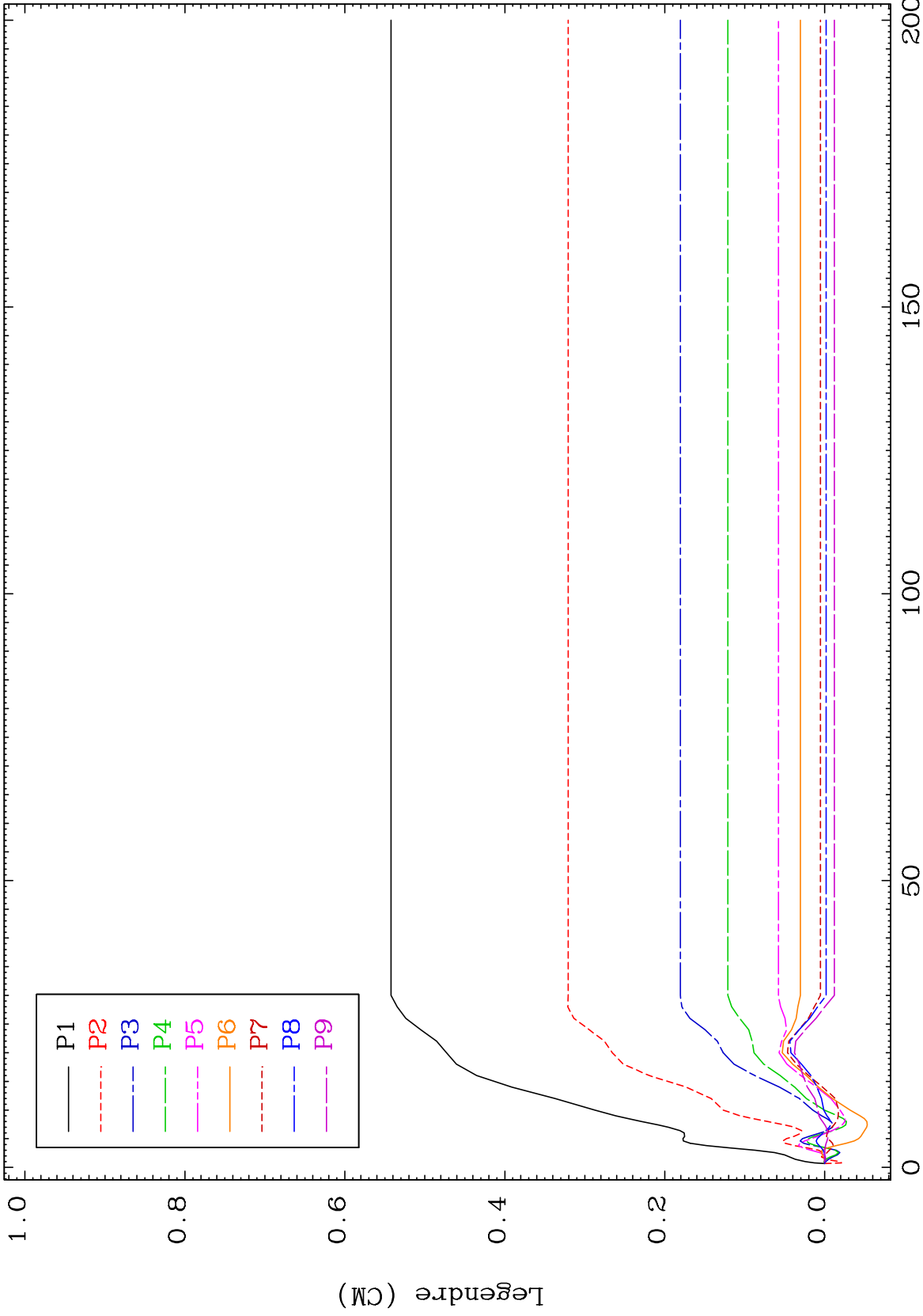
74

77-Ir-173

MAT 7671

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

77-Ir-173

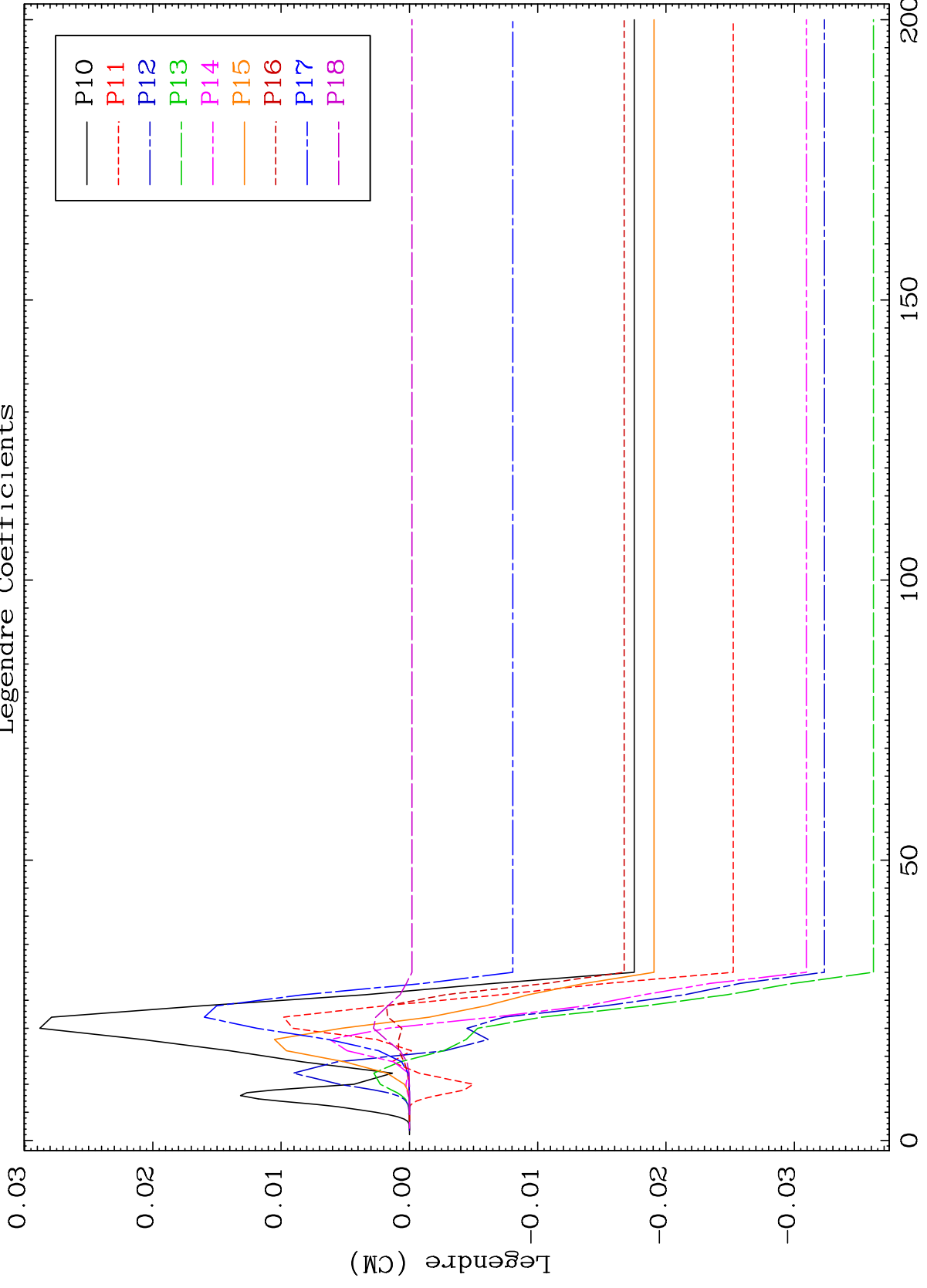


75

77-Ir-173

200

MAT 7671 MT= 65 (n,n') Level Legendre Coefficients 77-Ir-173

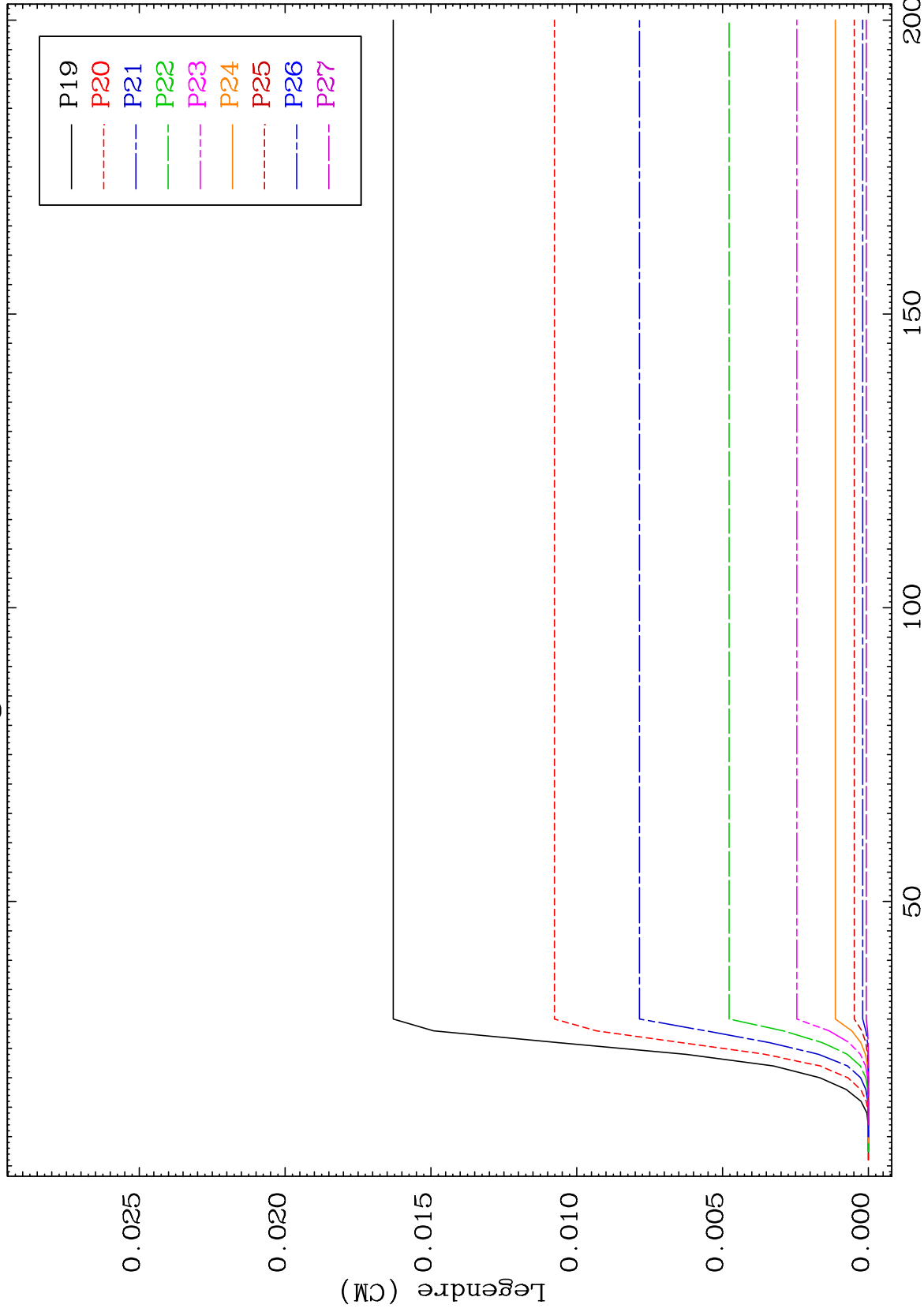


76 77-Ir-173

MAT 7671

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

77-Ir-173



77

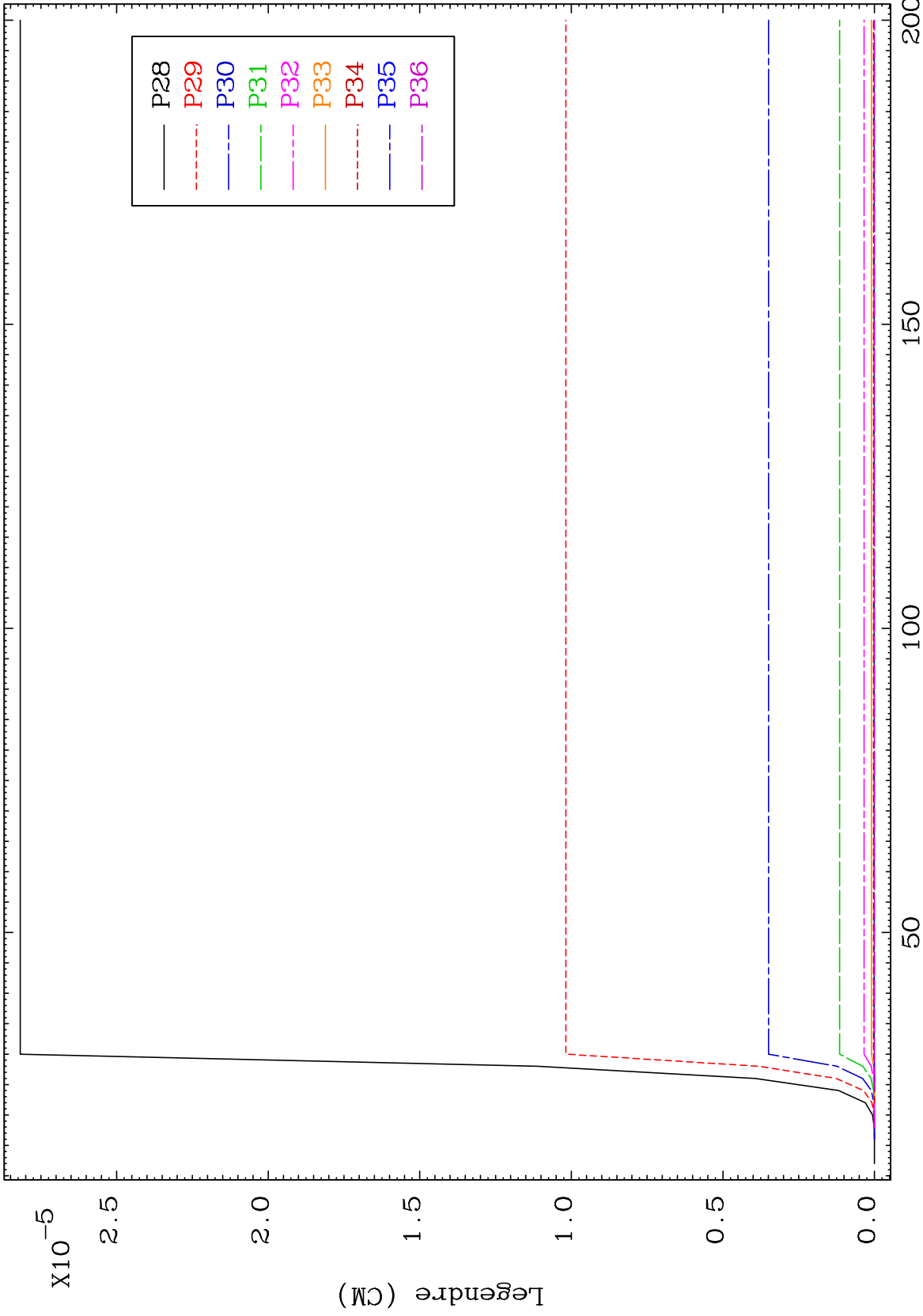
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



78

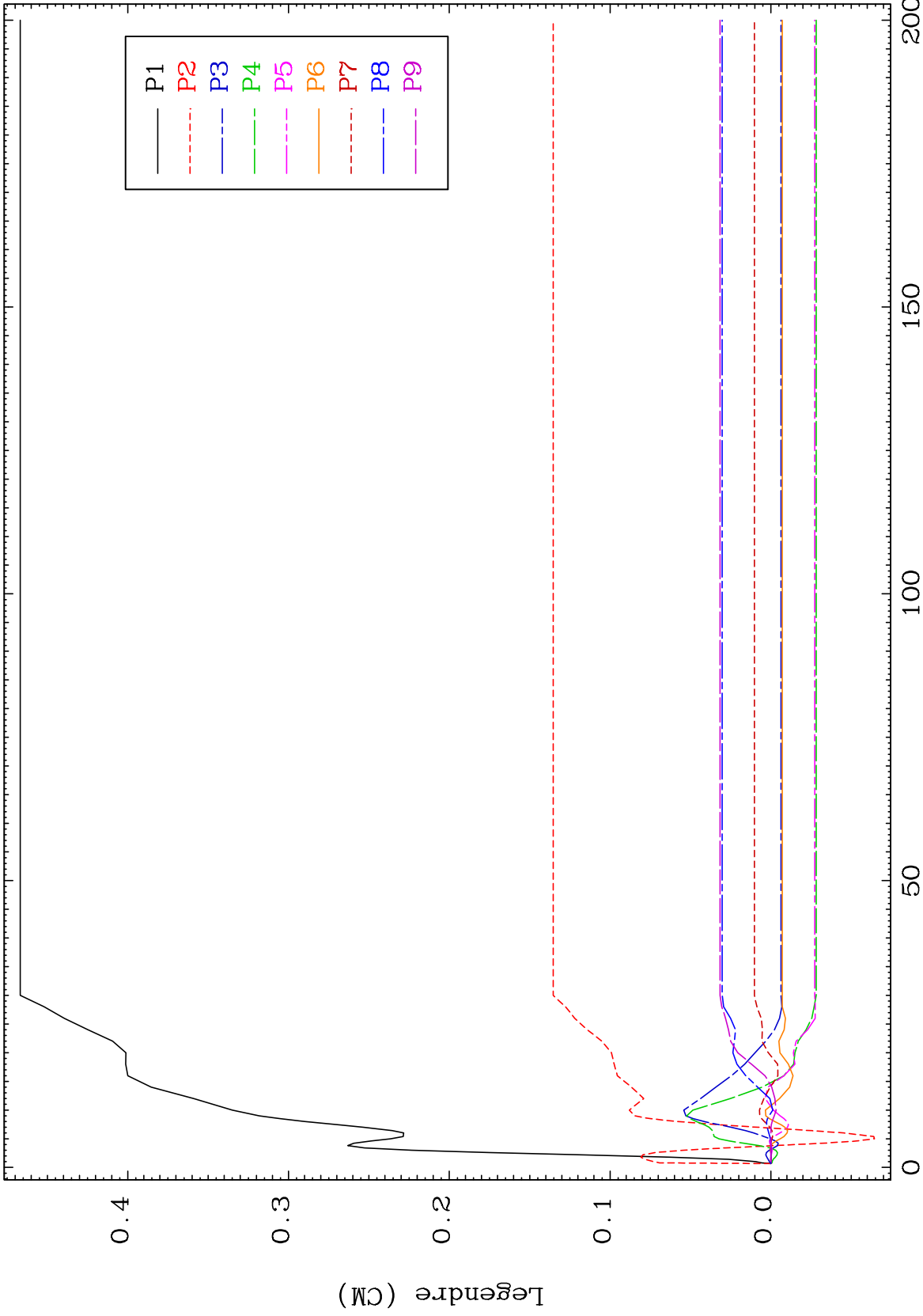
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



79

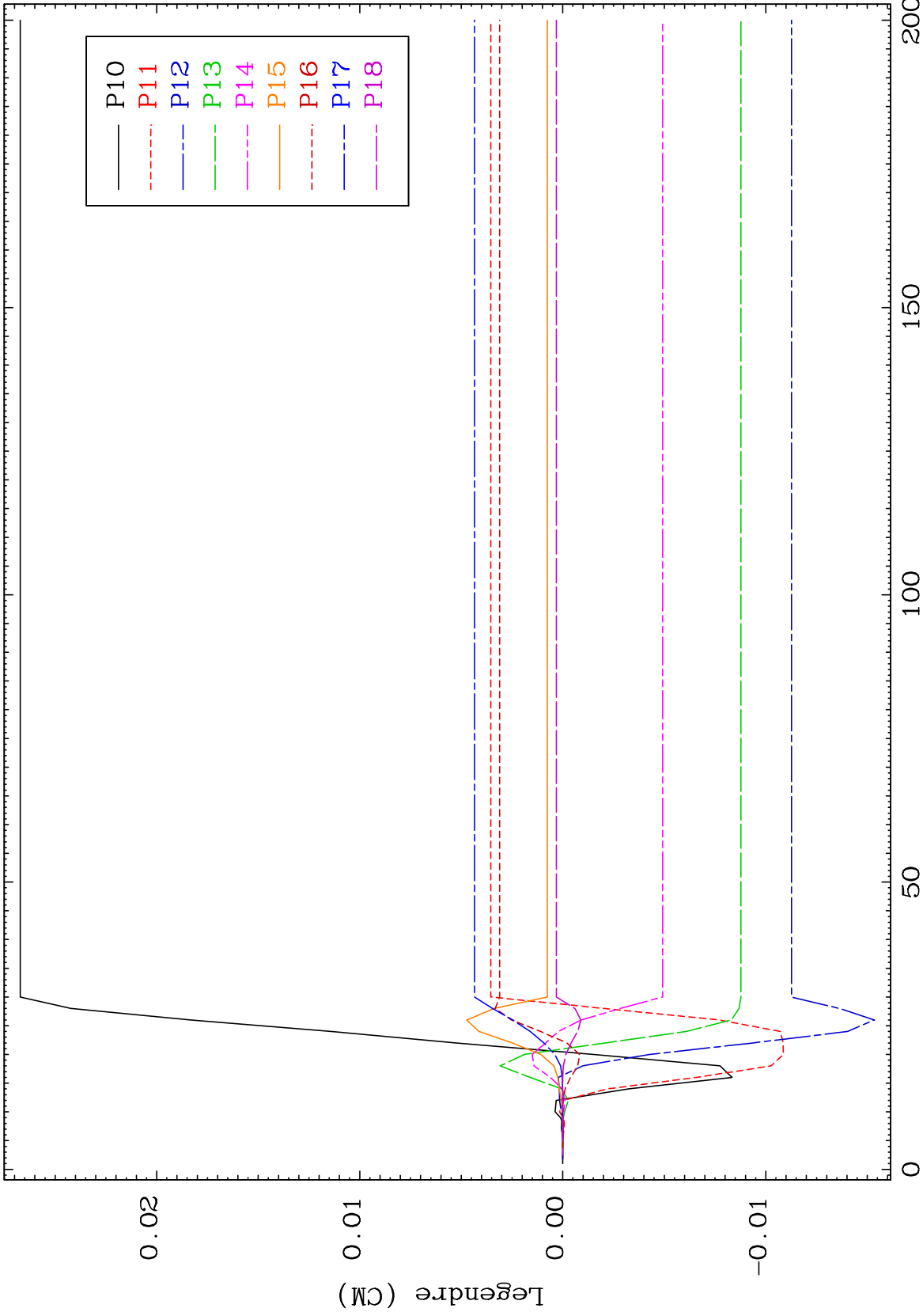
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



80

Incident Energy (MeV)

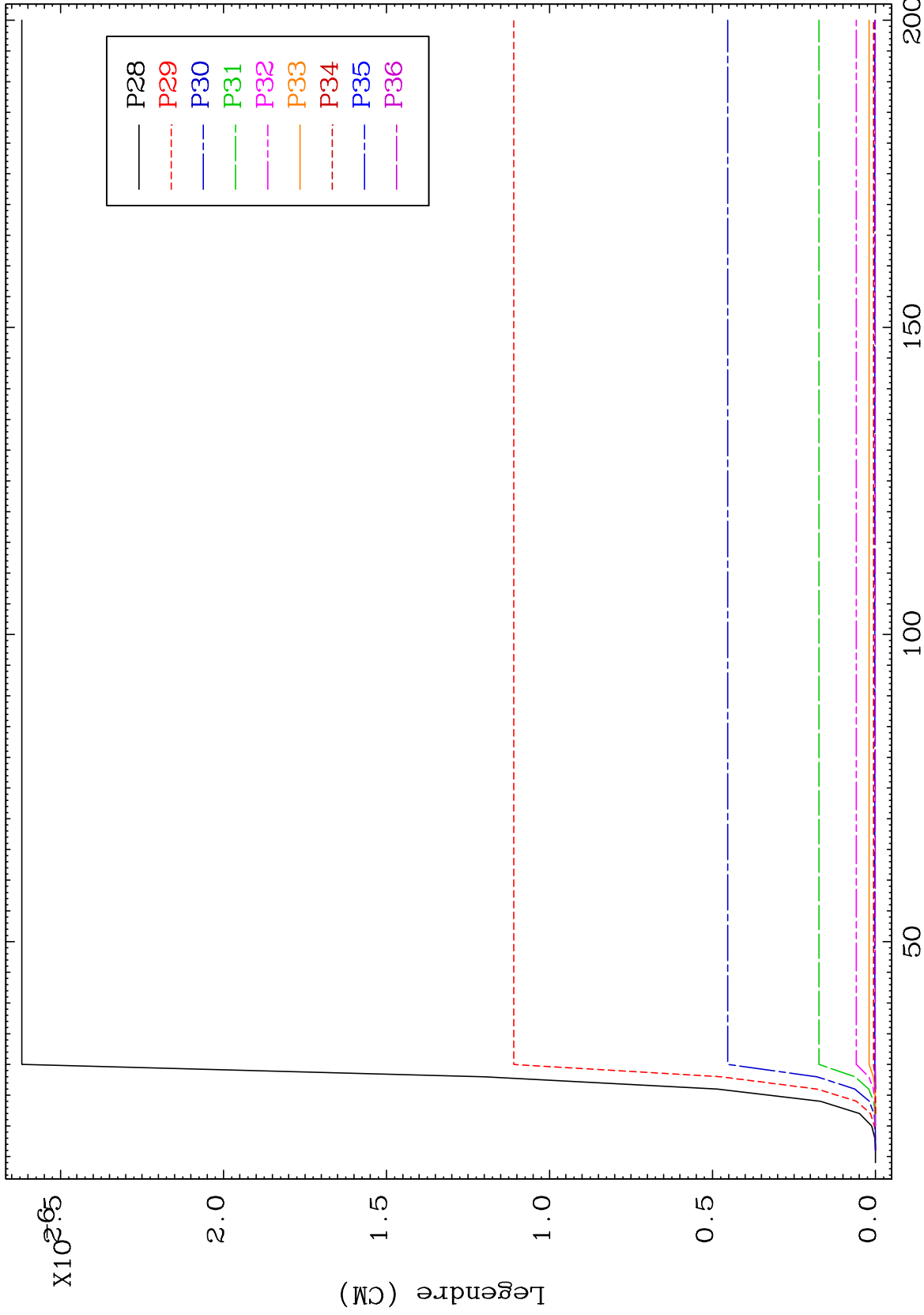
77-Ir-173



MAT 7671

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

77-Ir-173



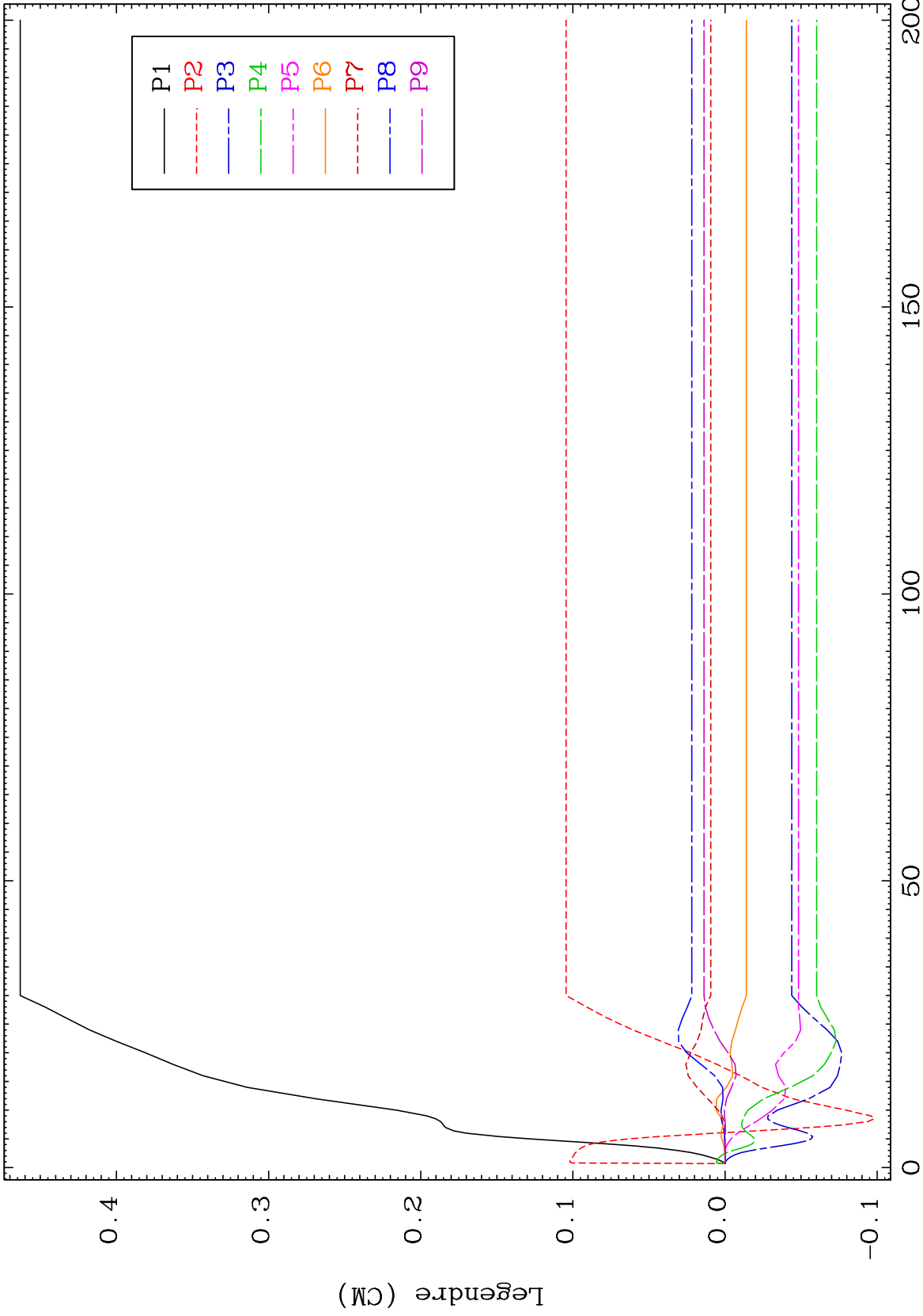
82

77-Ir-173

MAT 7671

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

77-Ir-173



83

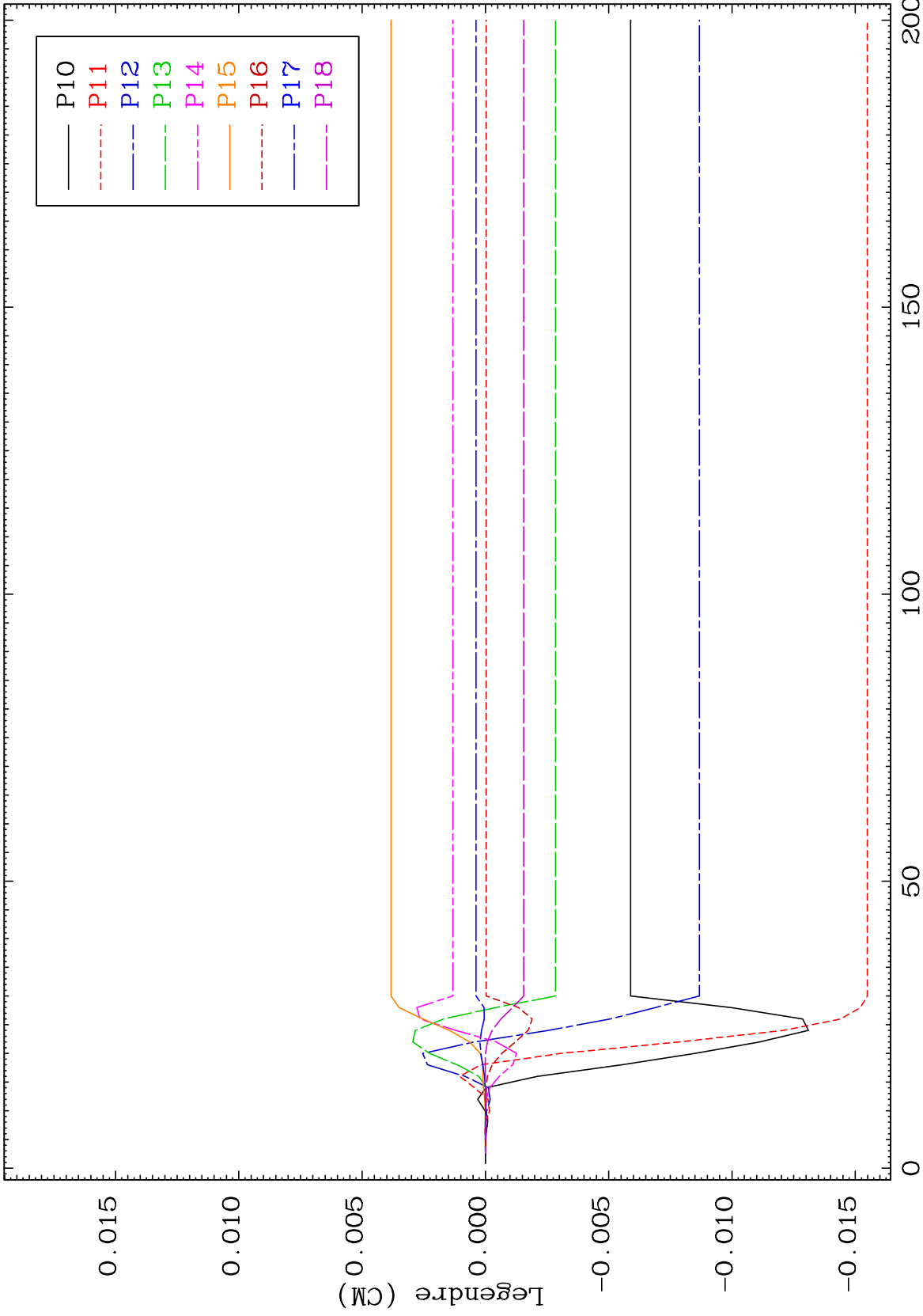
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

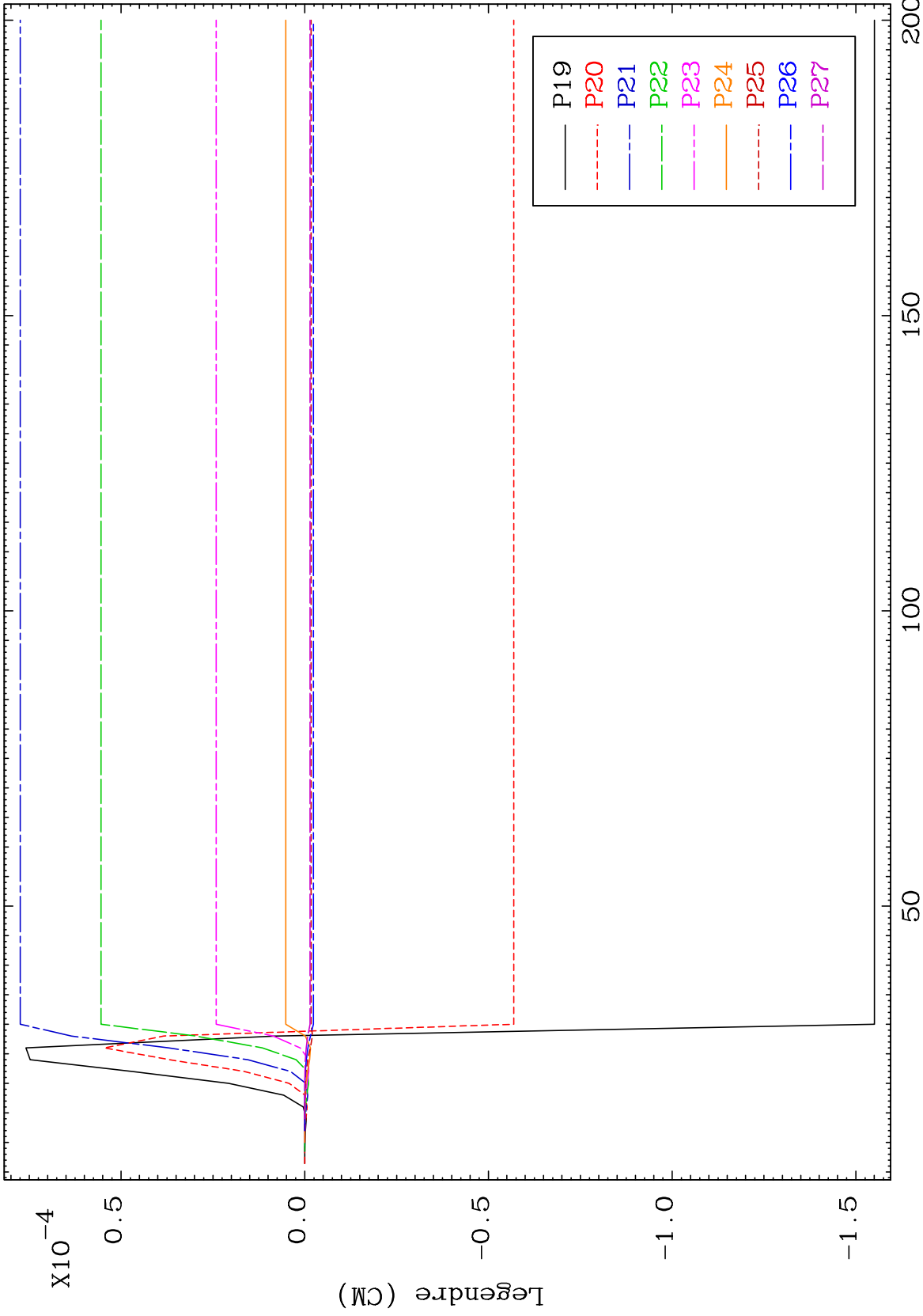
77-Ir-173



84

Incident Energy (MeV)

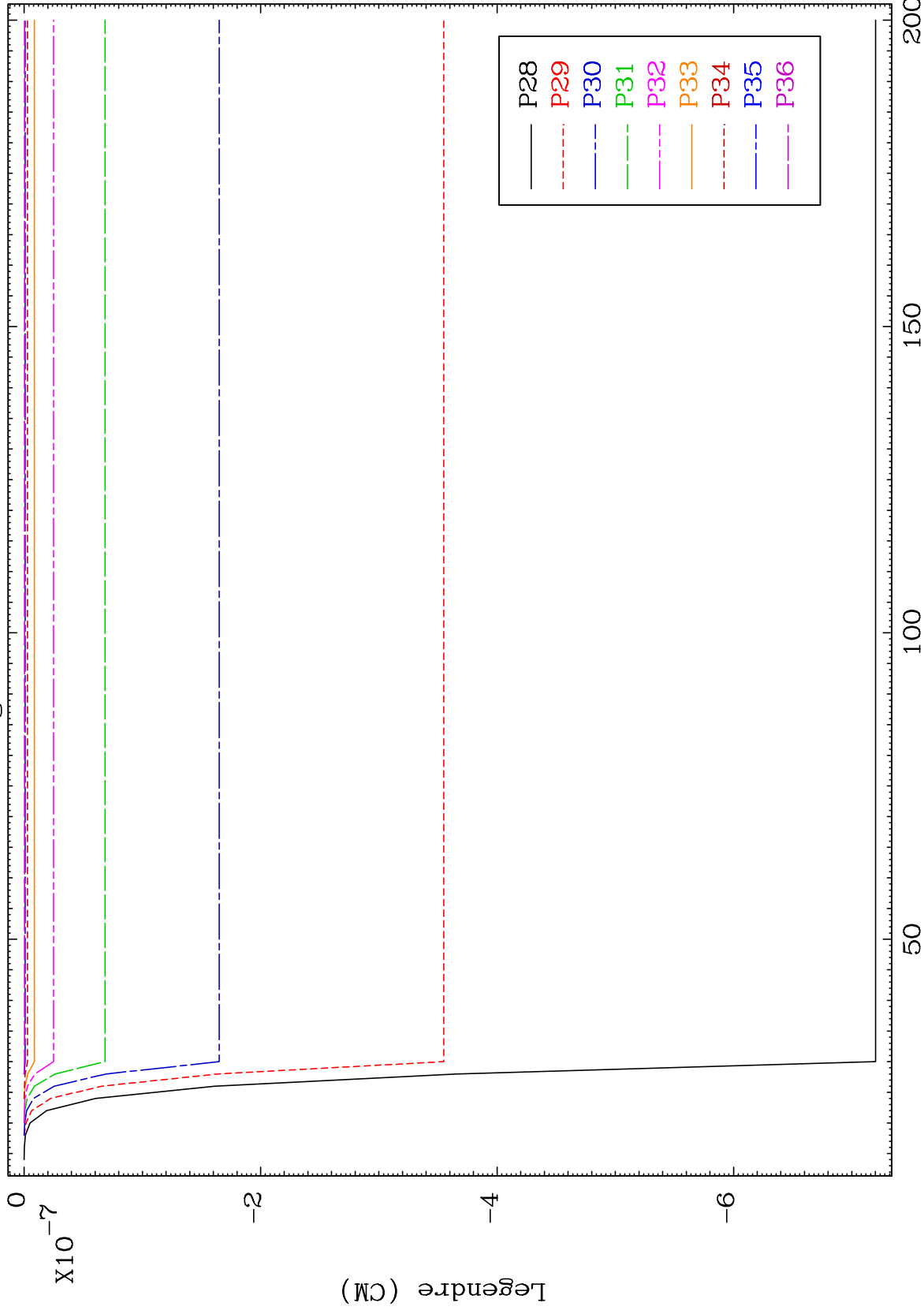
77-Ir-173



MAT 7671

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

77-Ir-173



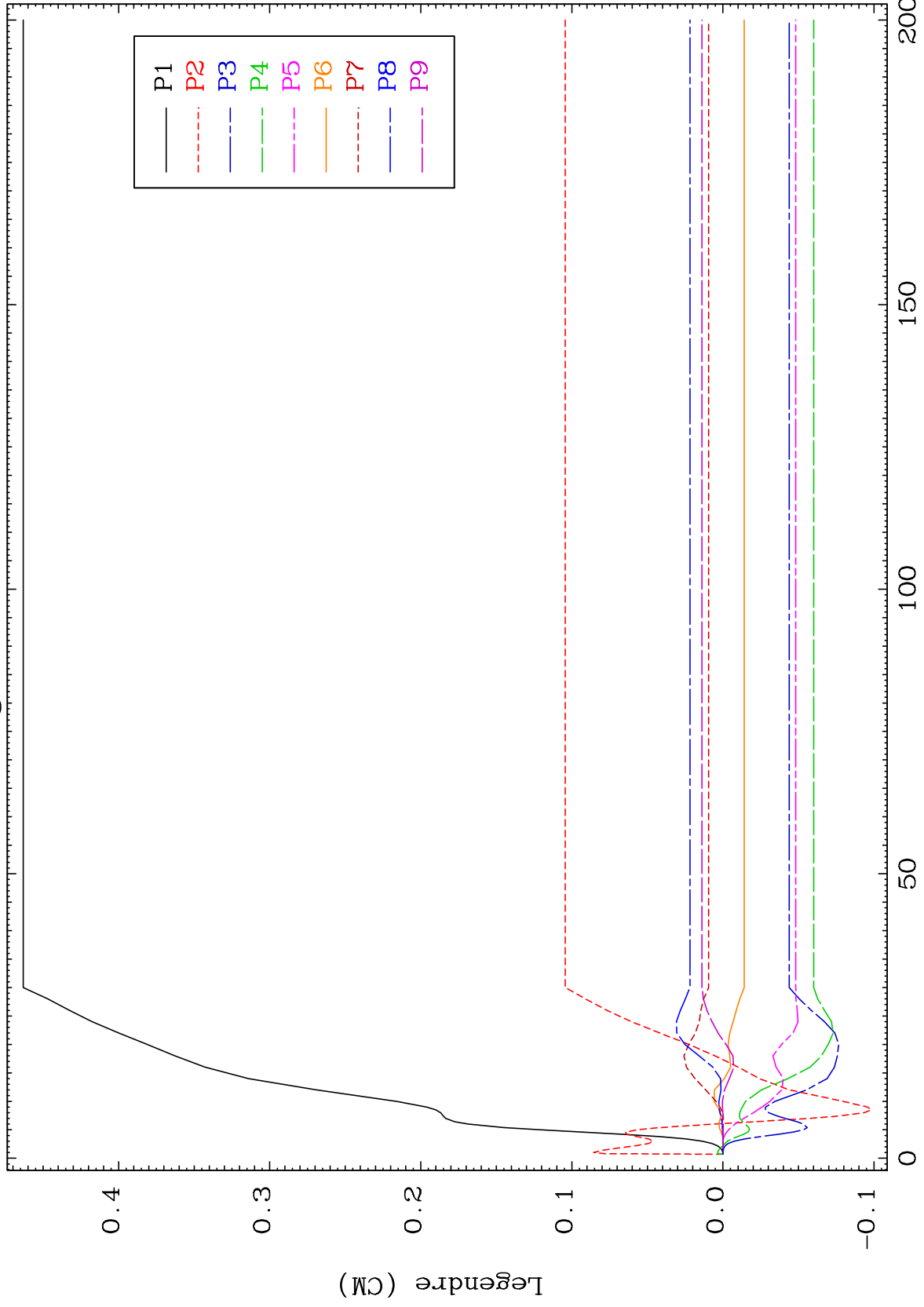
86

77-Ir-173

MAT 7671

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

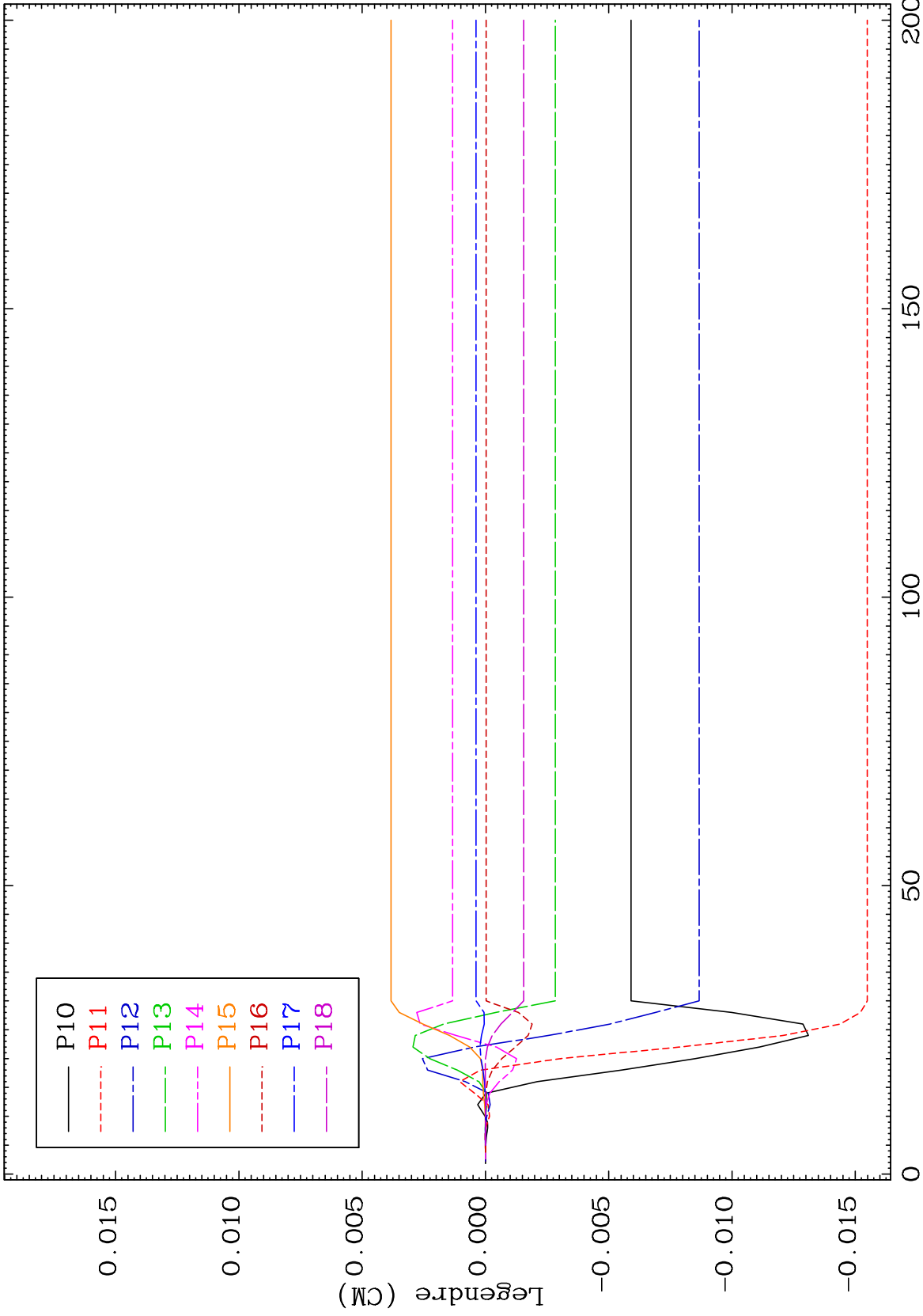
77-Ir-173

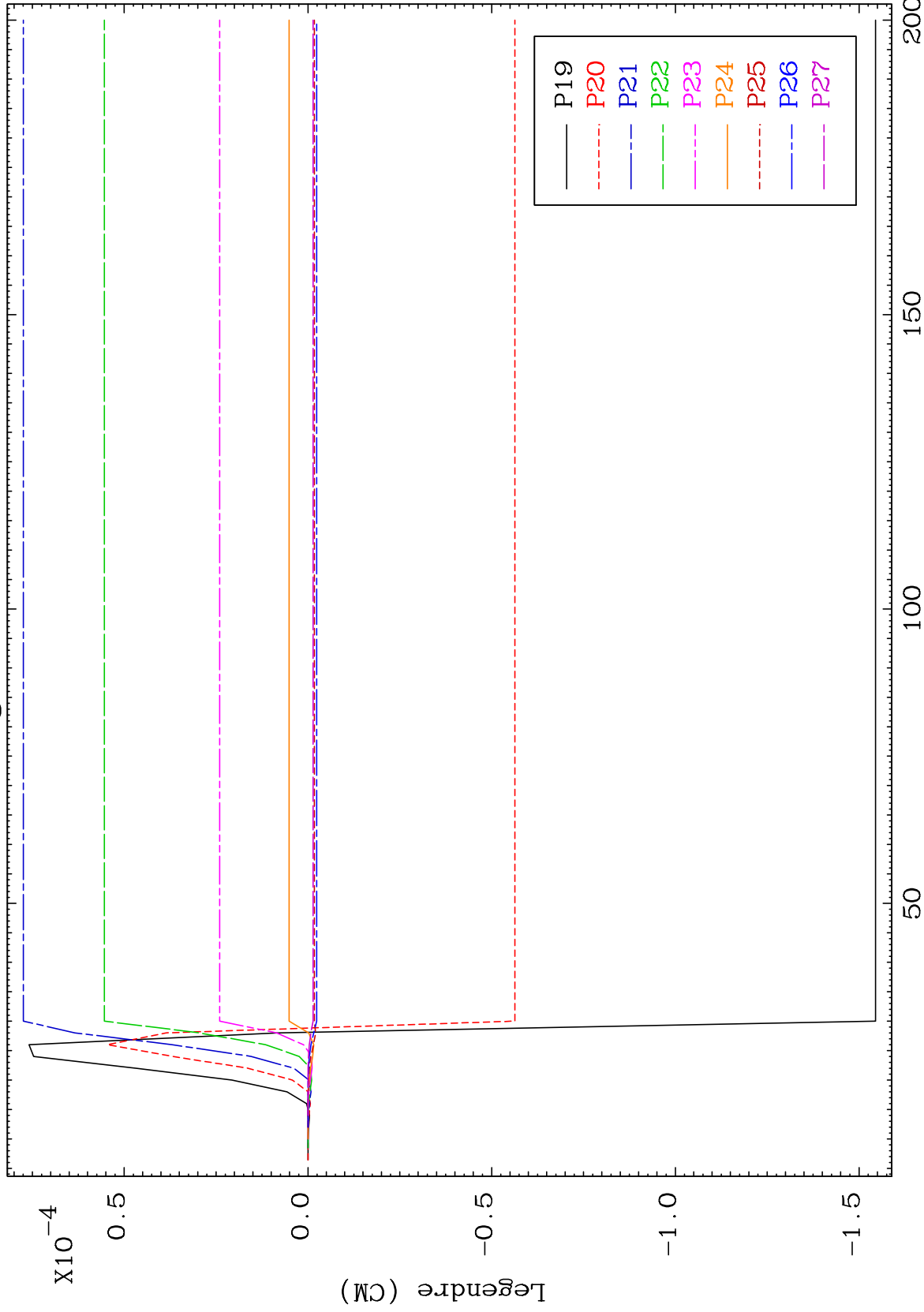


87

Incident Energy (MeV)

77-Ir-173

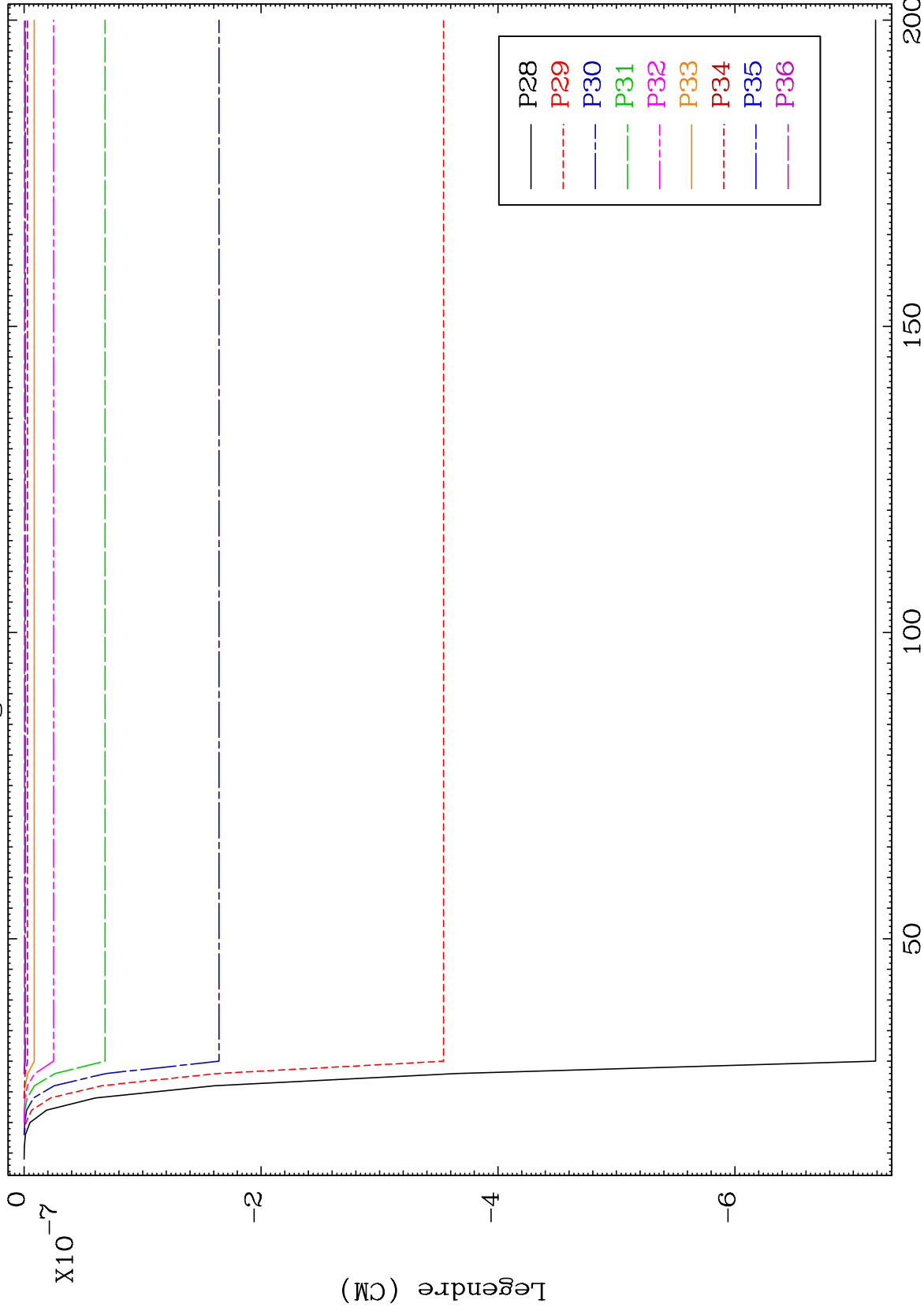




MAT 7671

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

77-Ir-173



77-Ir-173

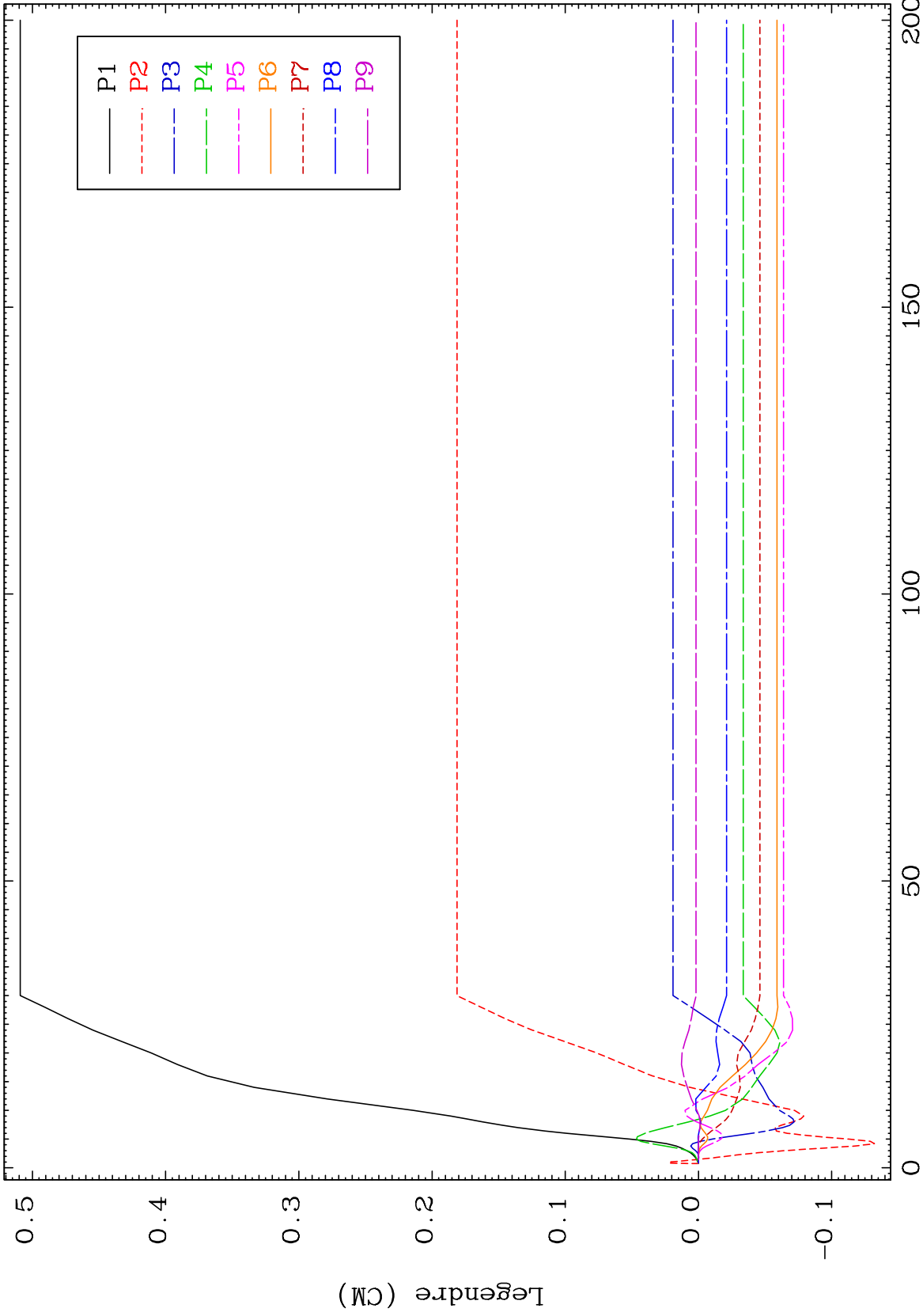
Incident Energy (MeV)

90

MAT 7671

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

77-Ir-173



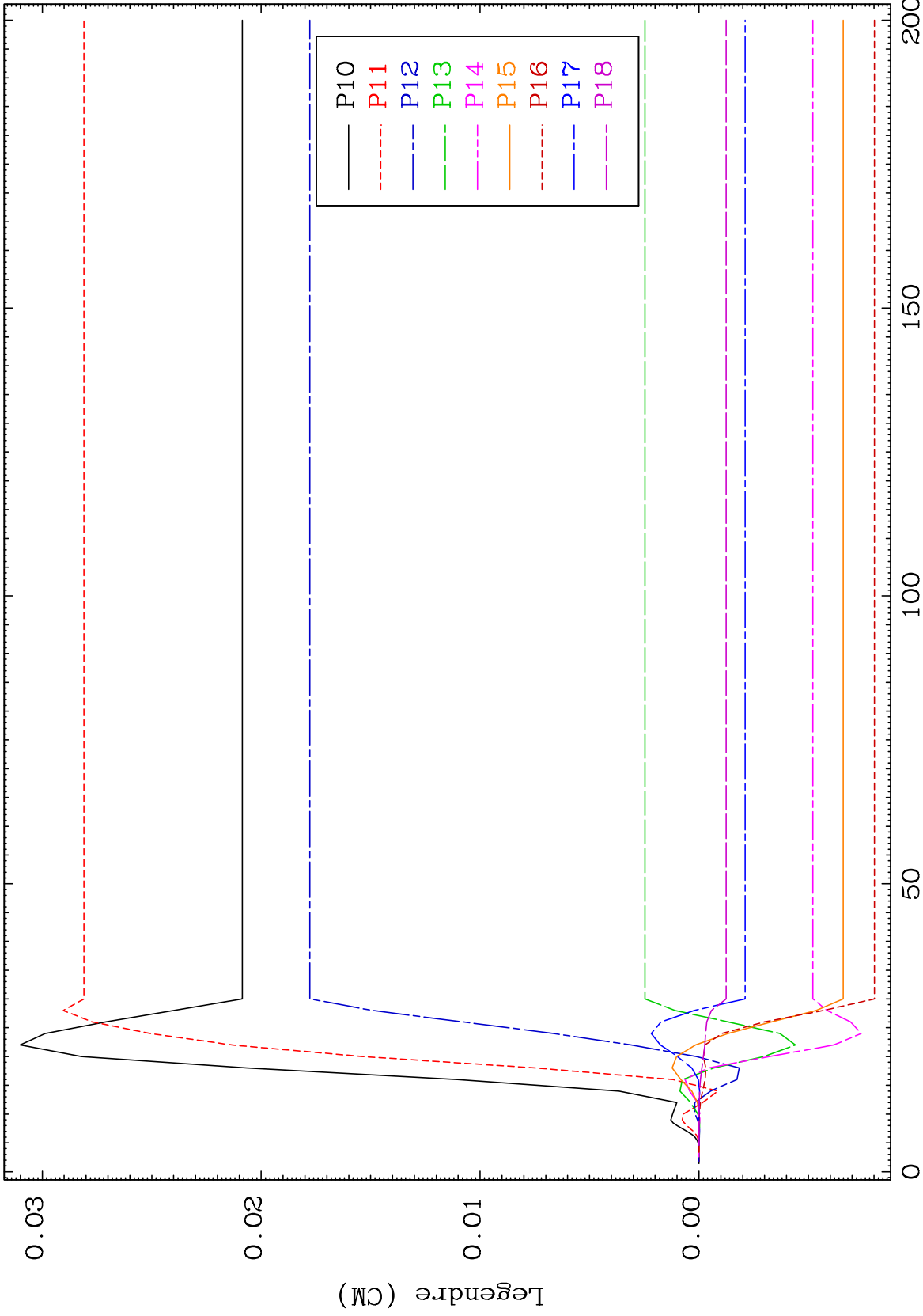
91

77-Ir-173

MAT 7671

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

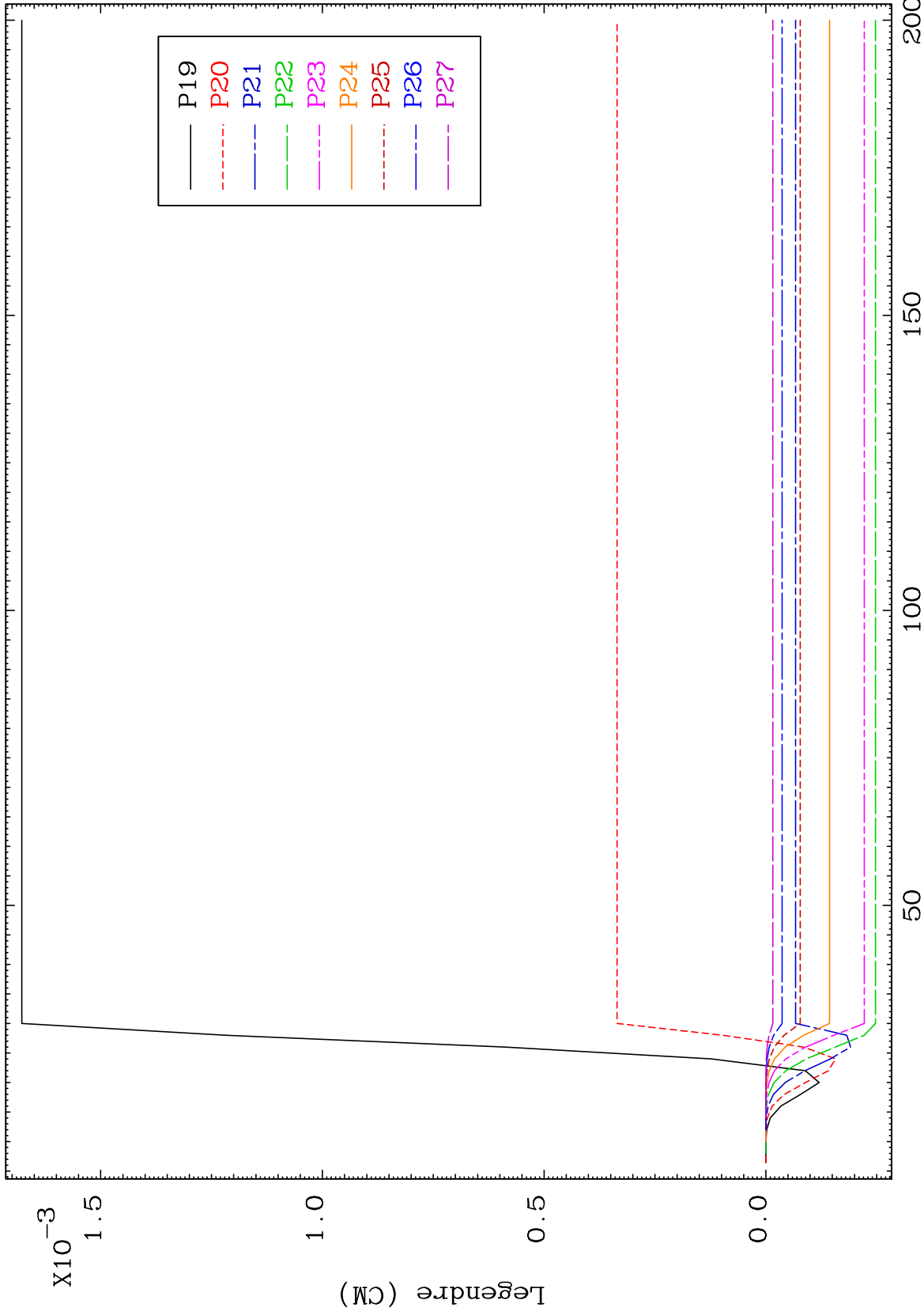
77-Ir-173



92

Incident Energy (MeV)

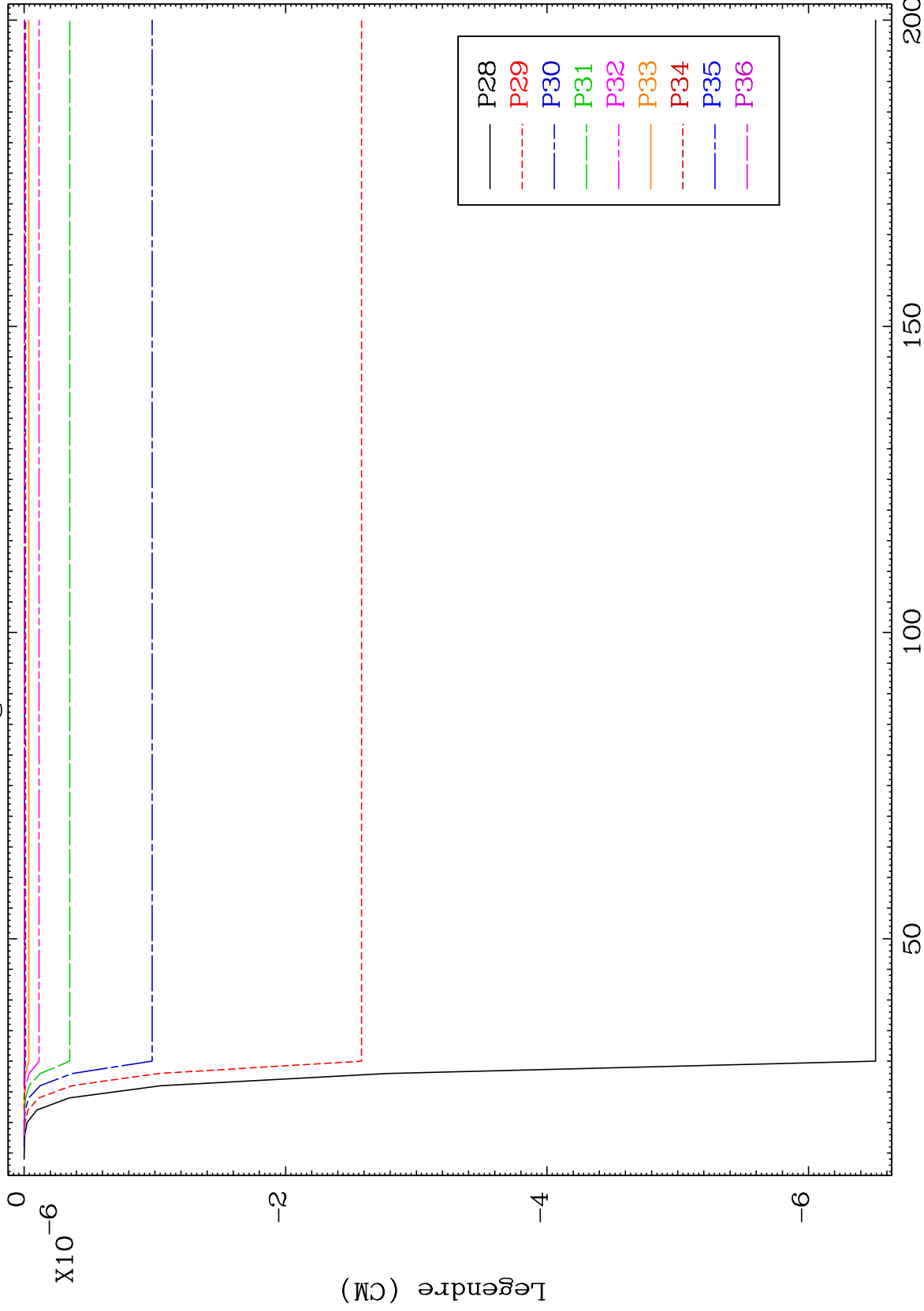
77-Ir-173



MAT 7671

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

77-Ir-173



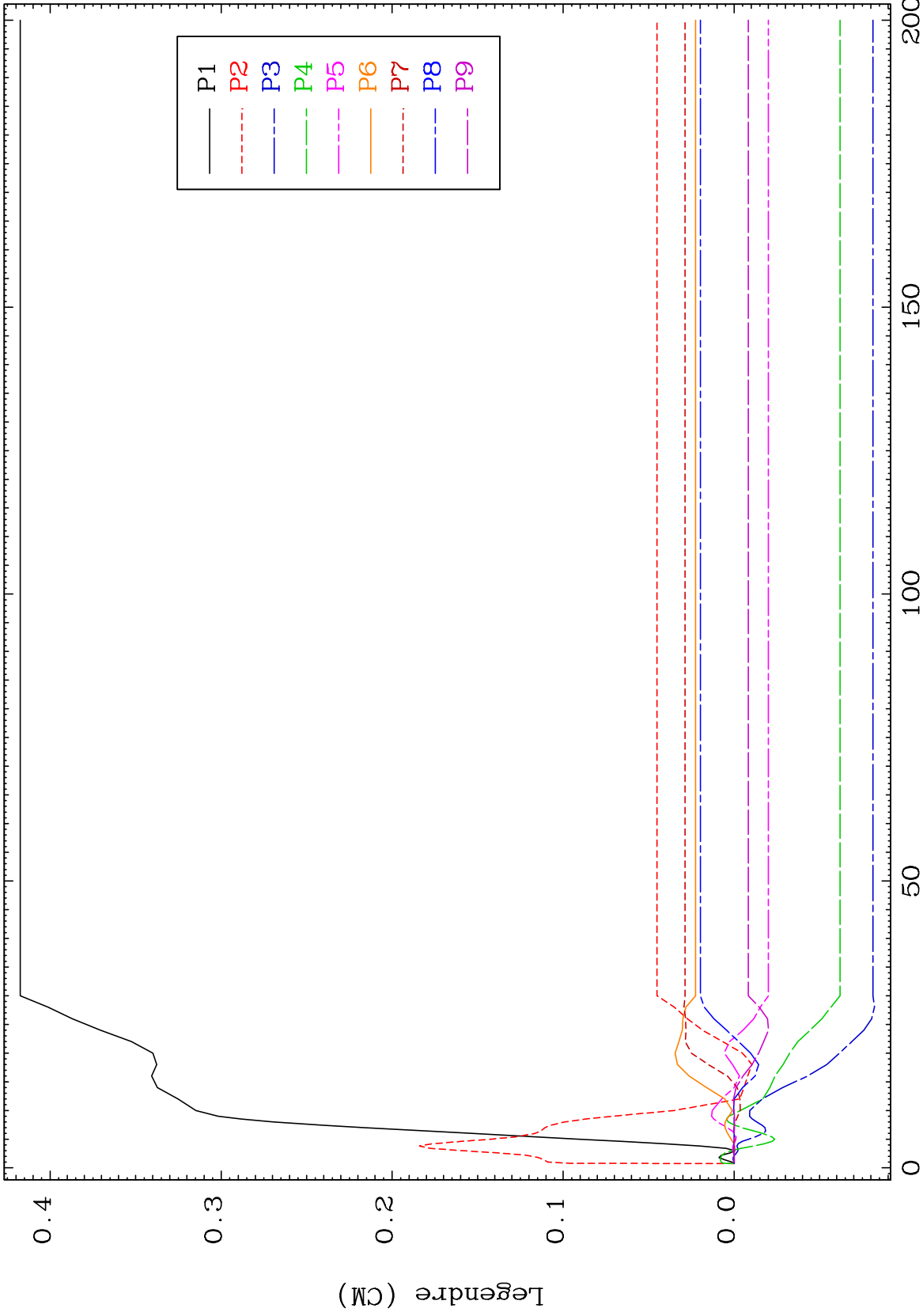
94

77-Ir-173

MAT 7671

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

77-Ir-173



95

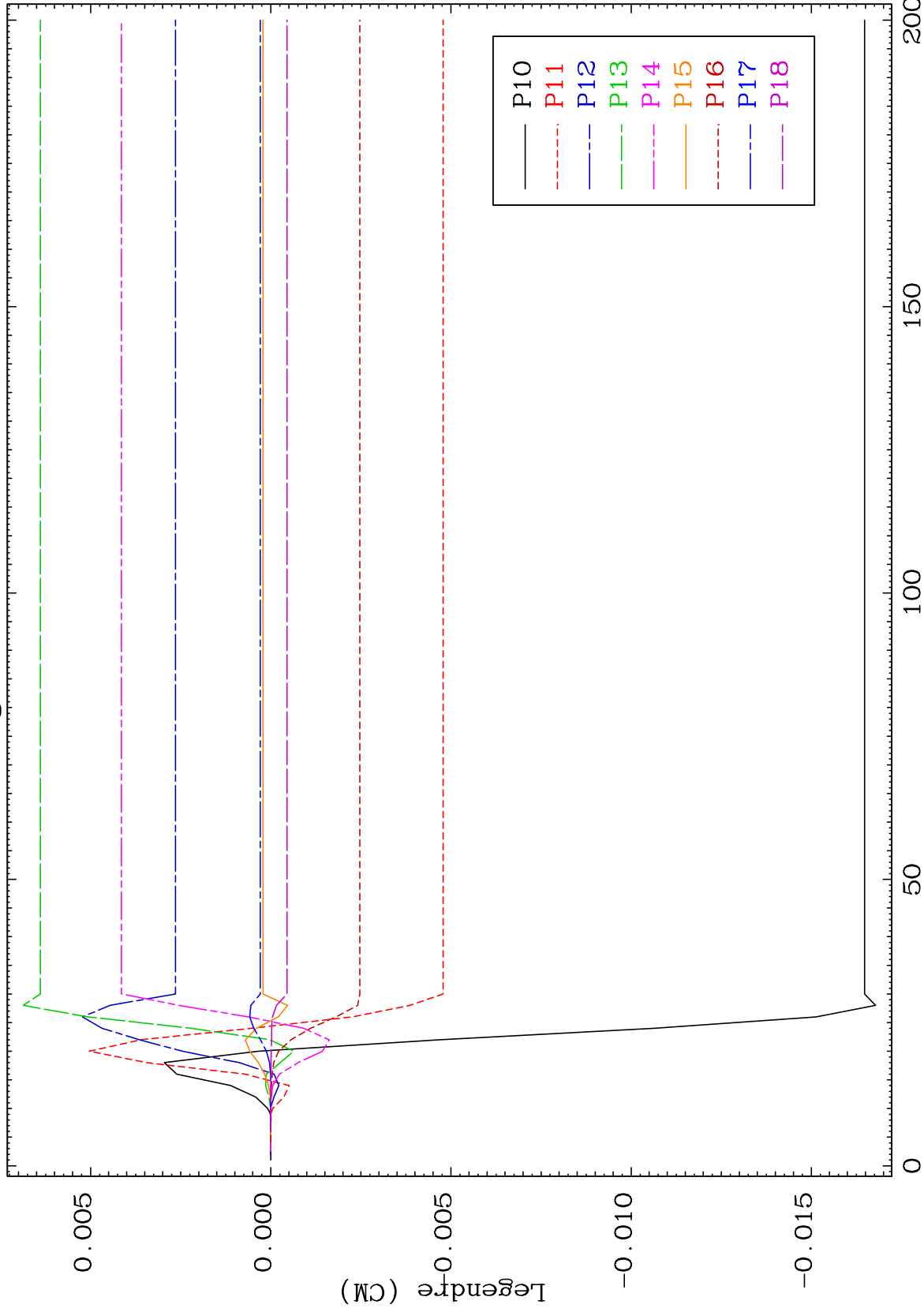
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



96

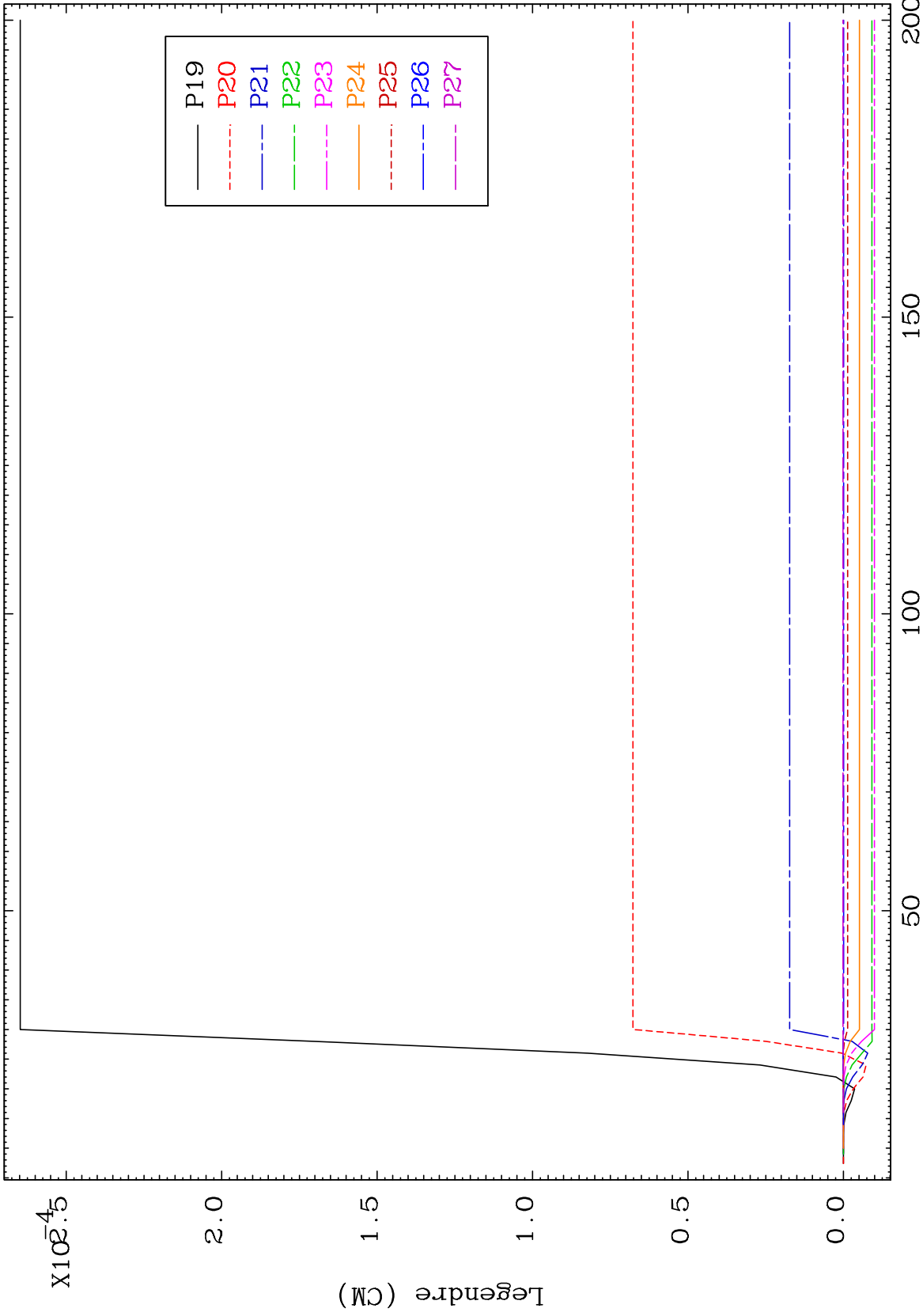
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



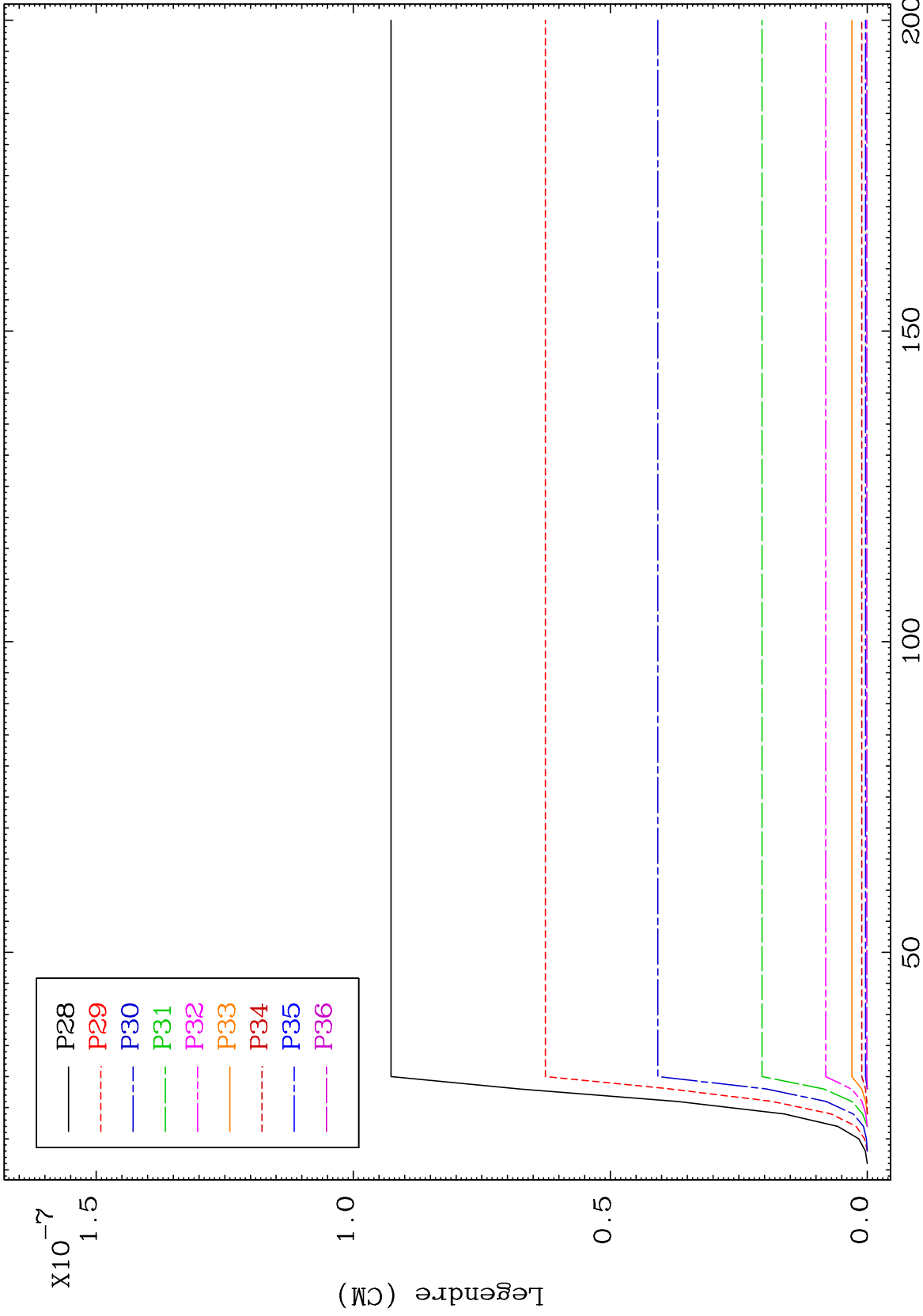
97

77-Ir-173

MAT 7671

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

77-Ir-173



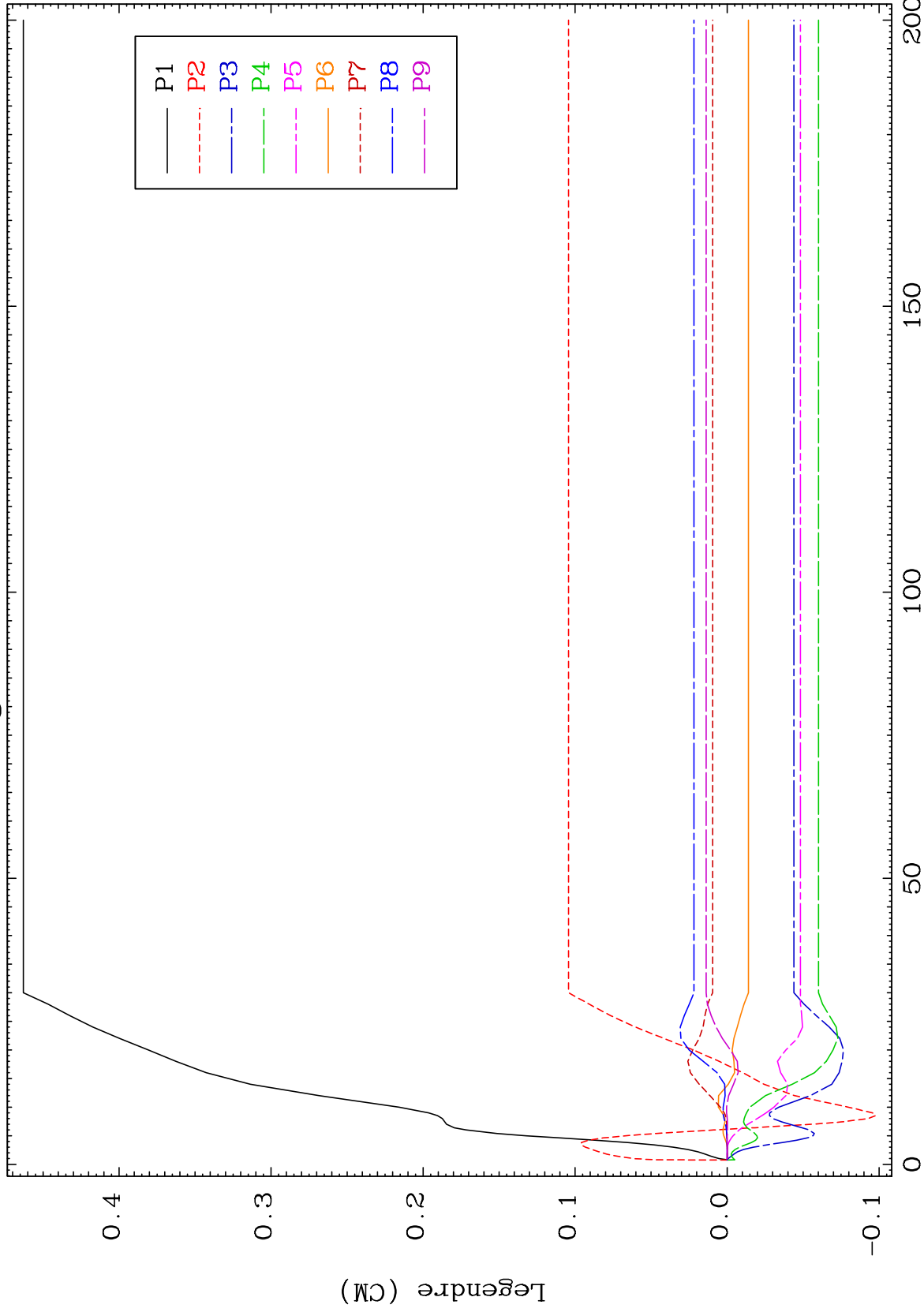
98

77-Ir-173

MAT 7671

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

77-Ir-173



99

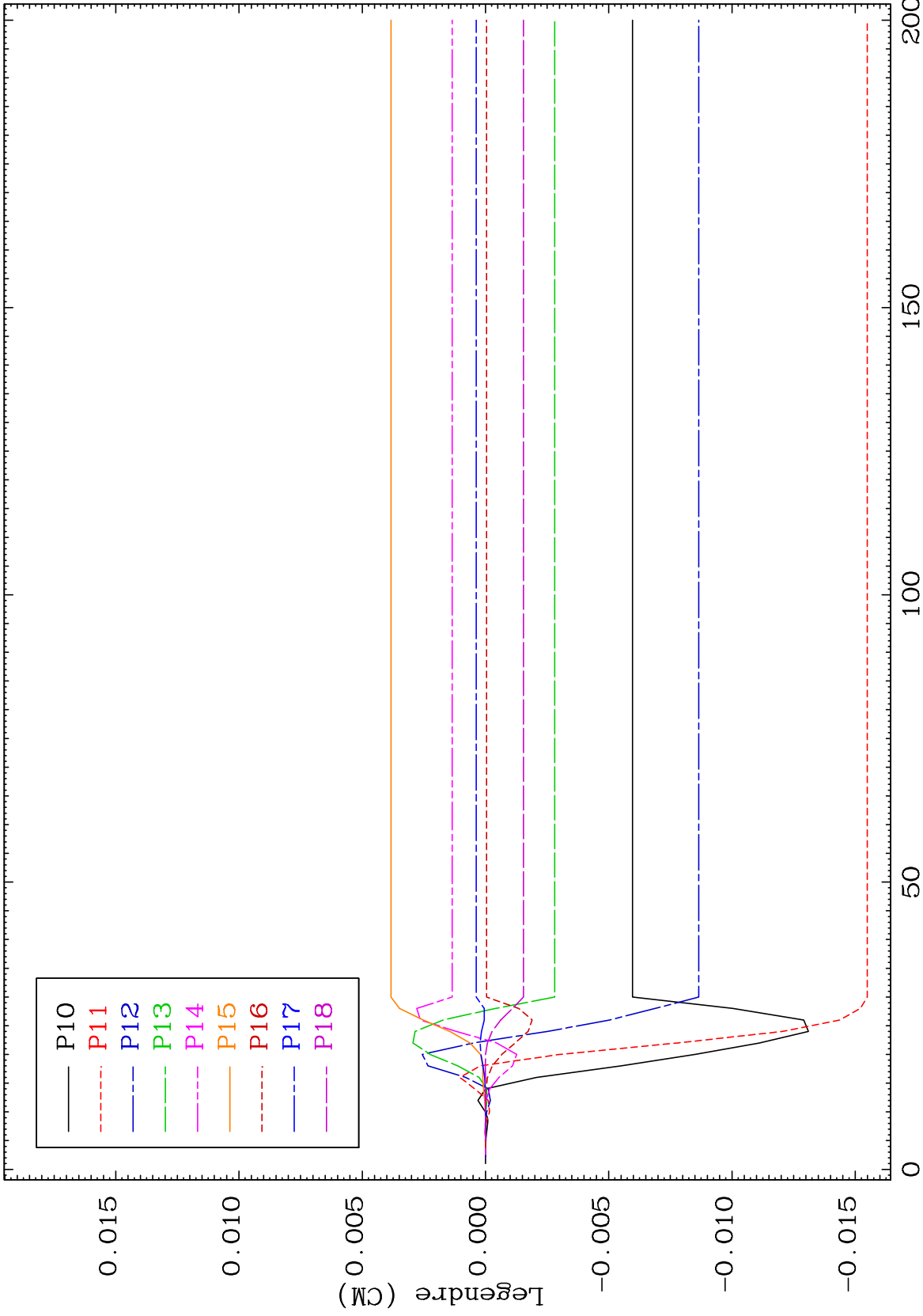
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

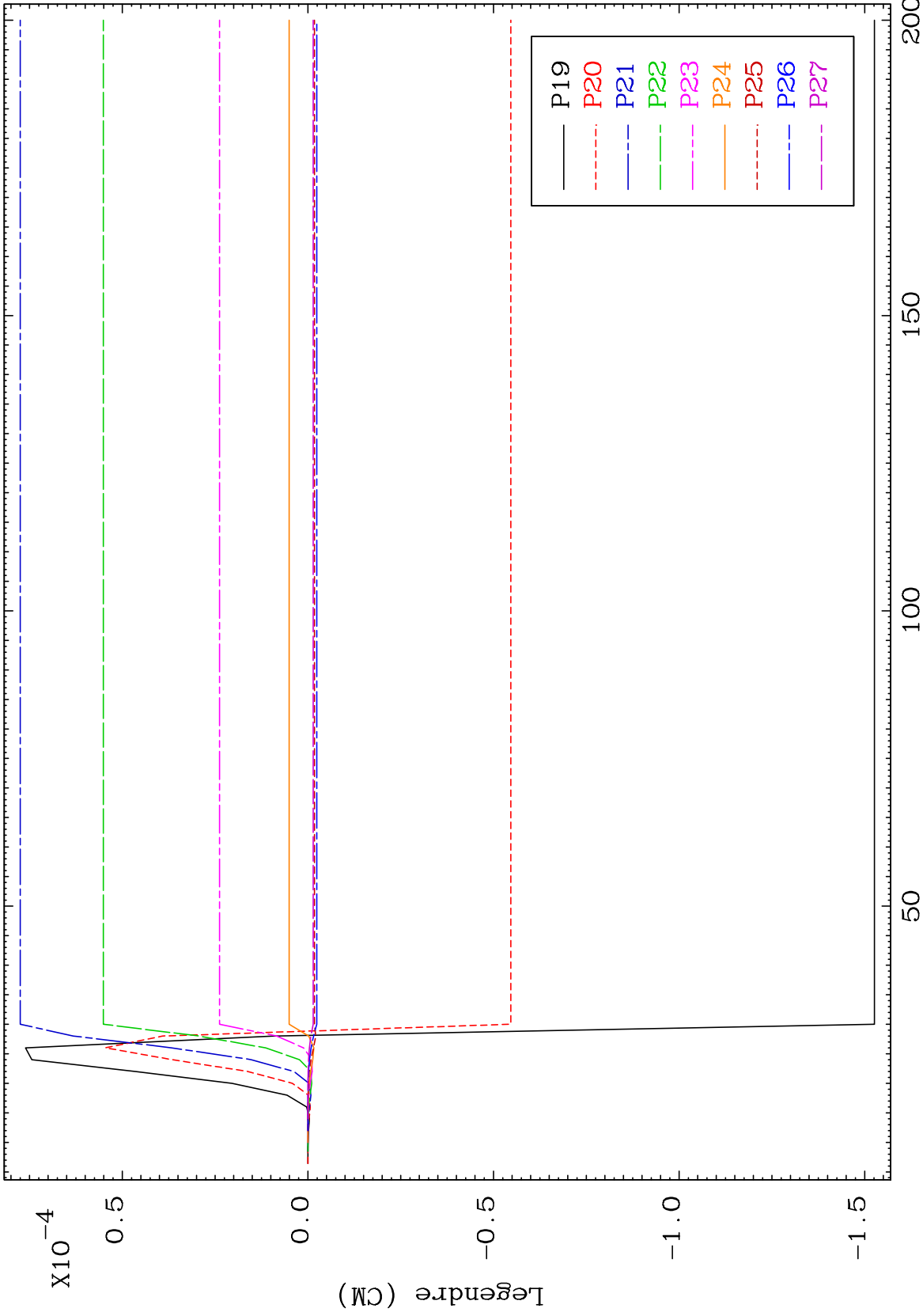
77-Ir-173



100

Incident Energy (MeV)

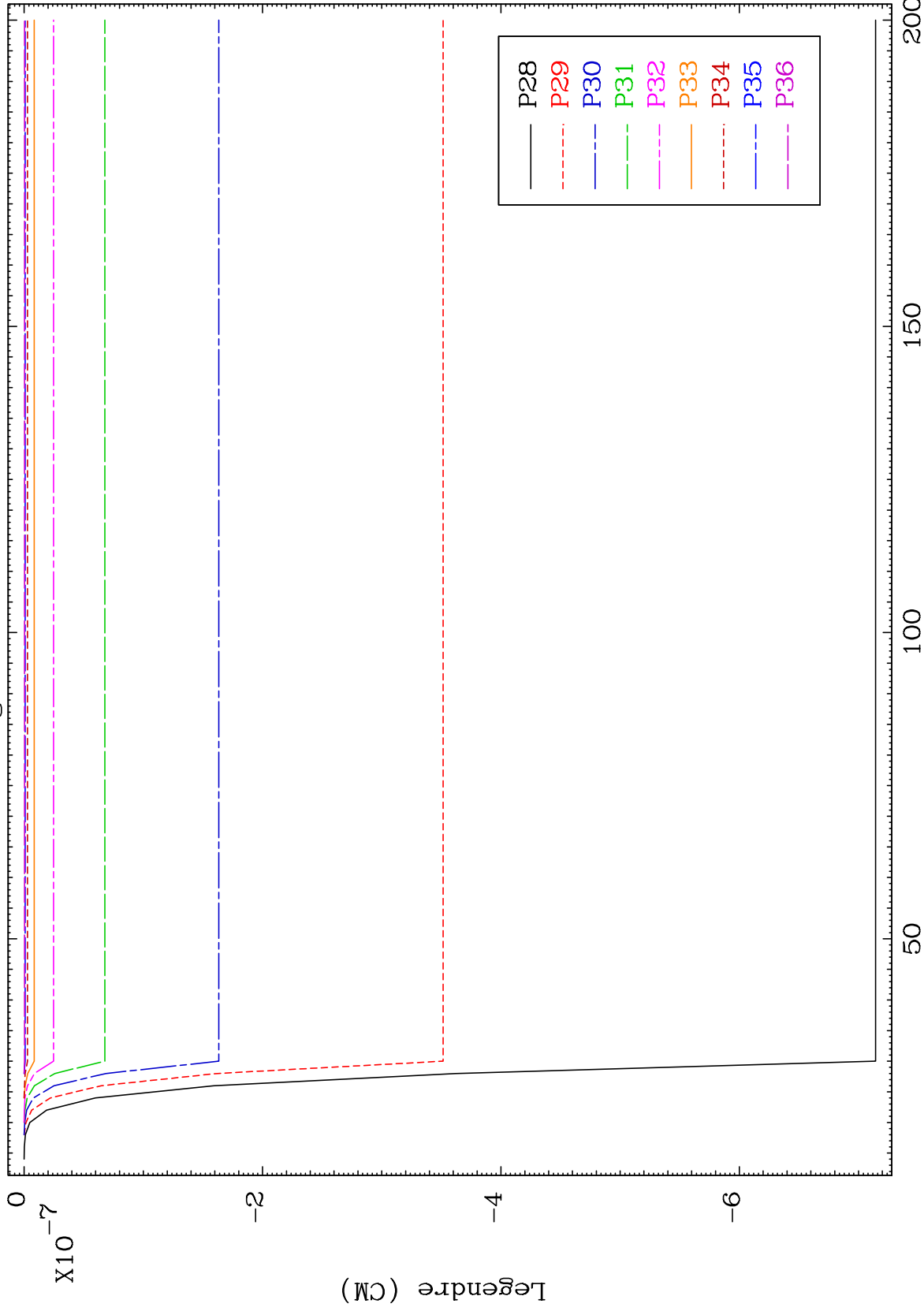
77-Ir-173



MAT 7671

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

77-Ir-173



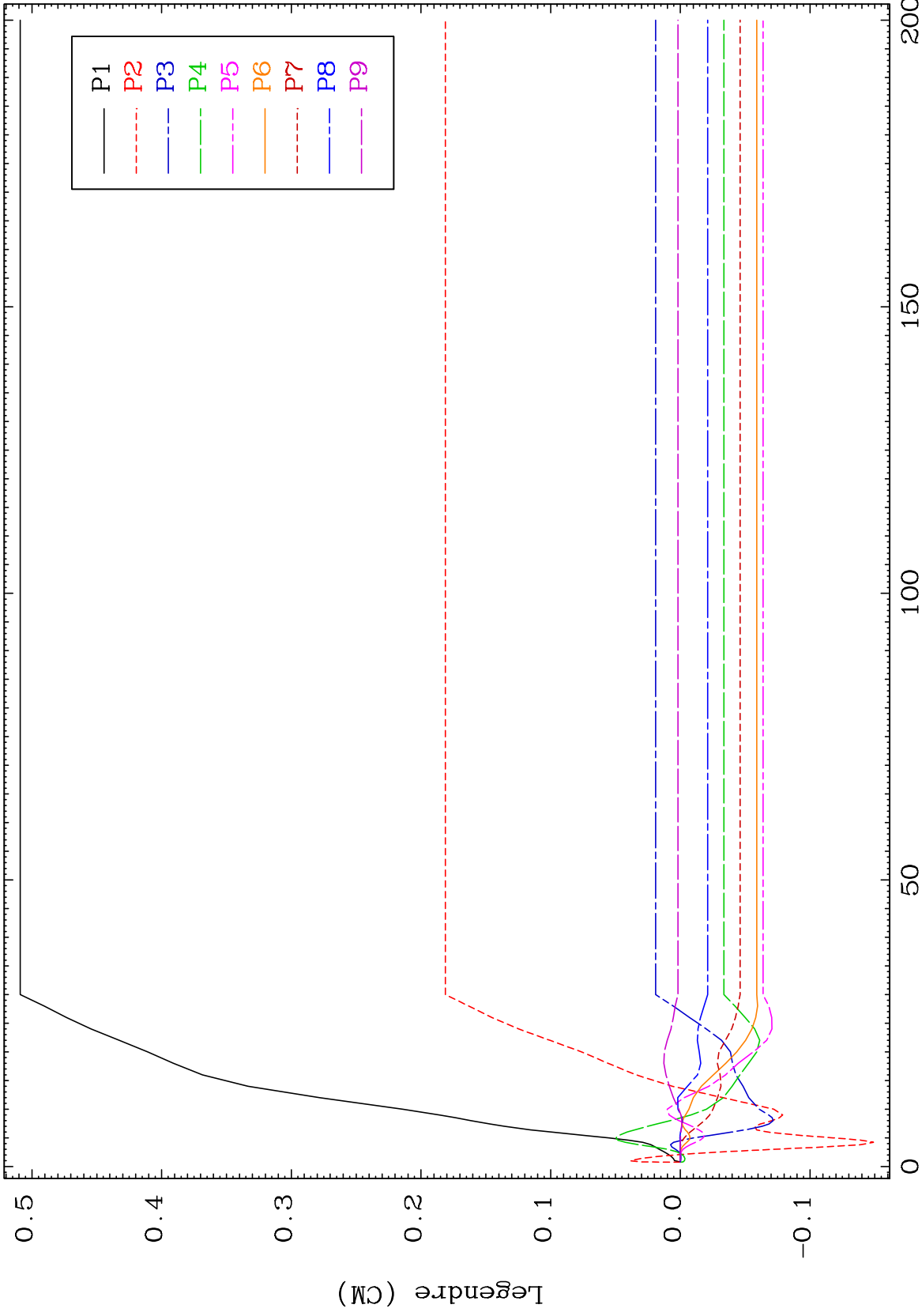
102

77-Ir-173

MAT 7671

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

77-Ir-173



103

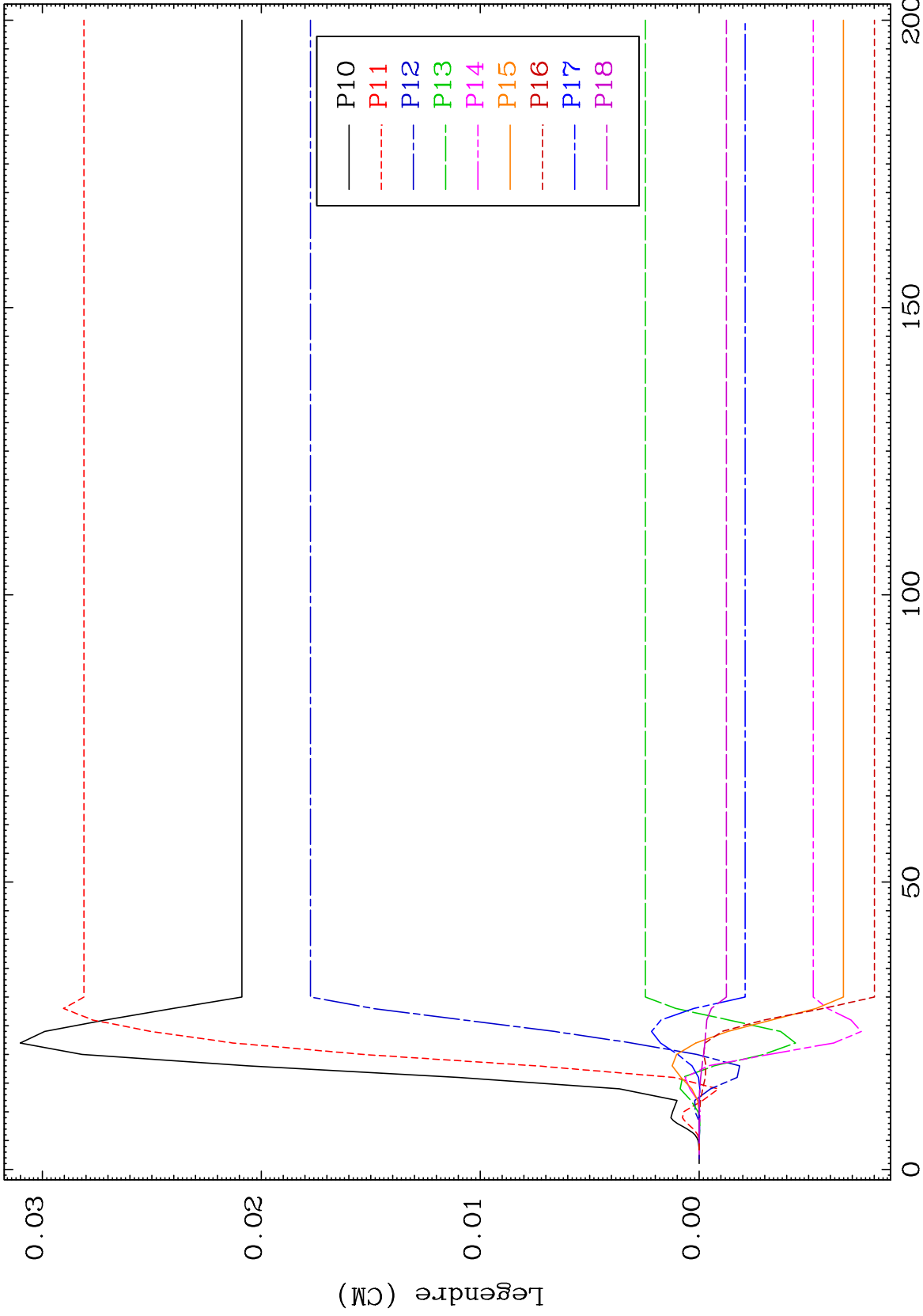
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



104

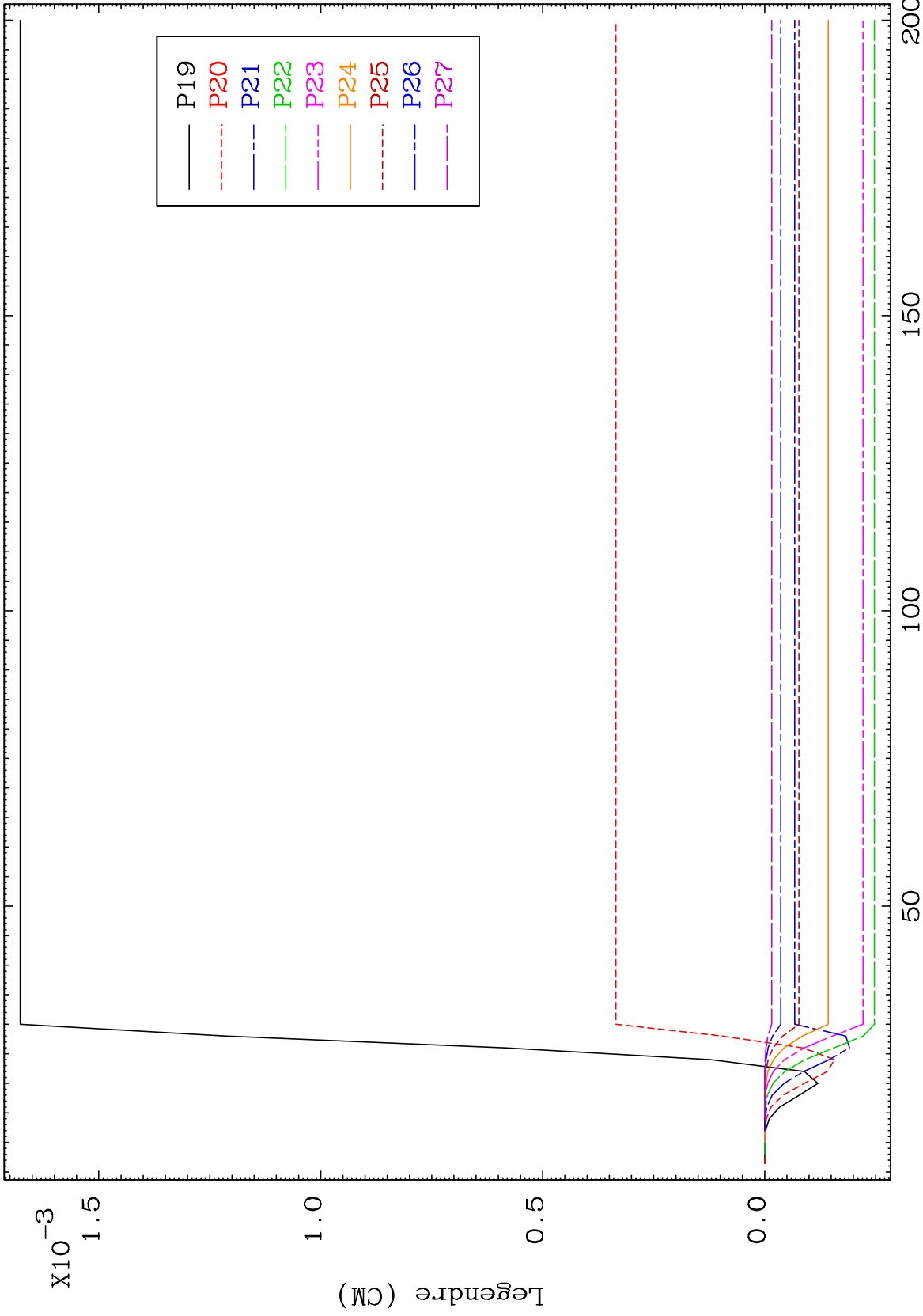
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



105

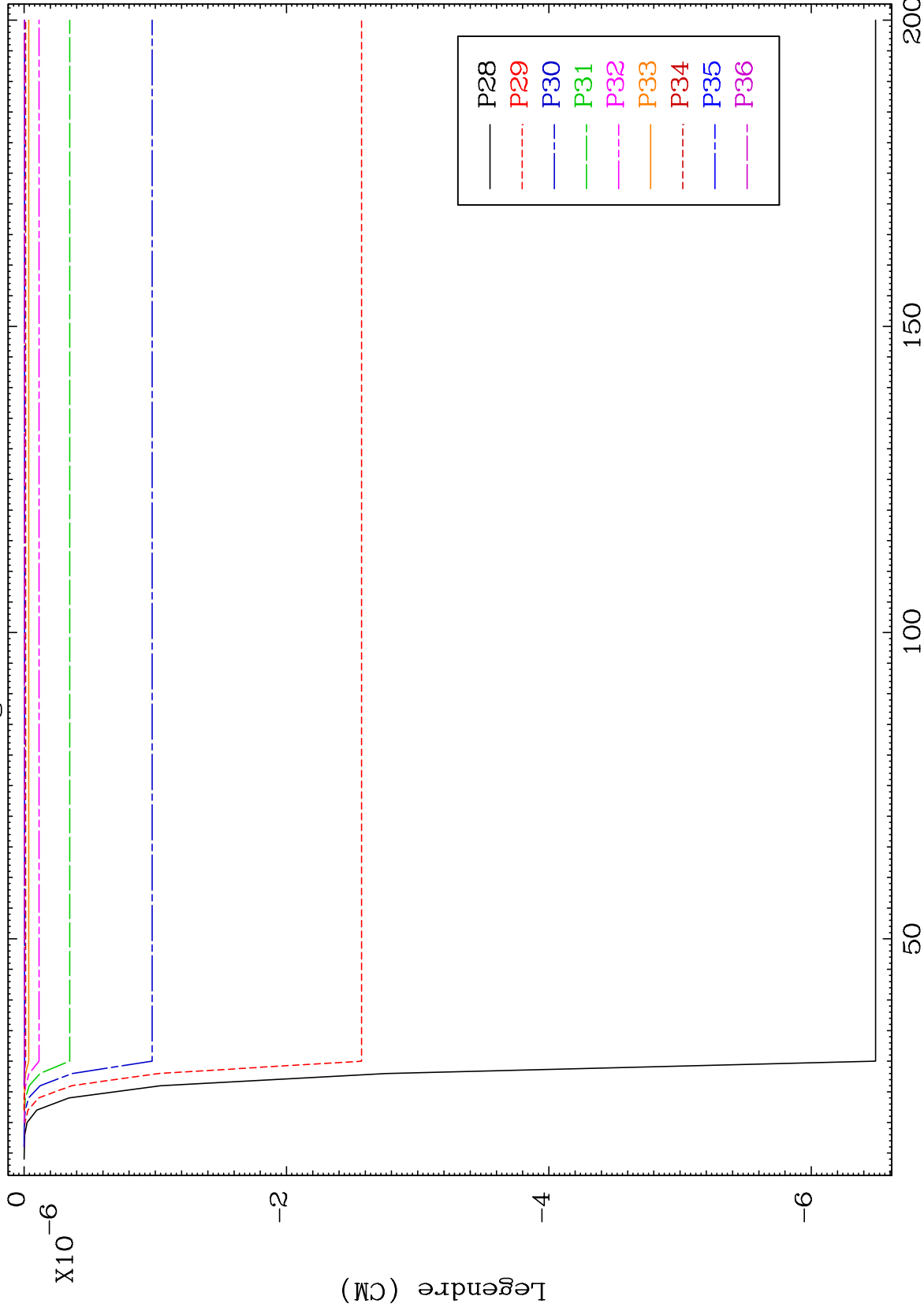
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



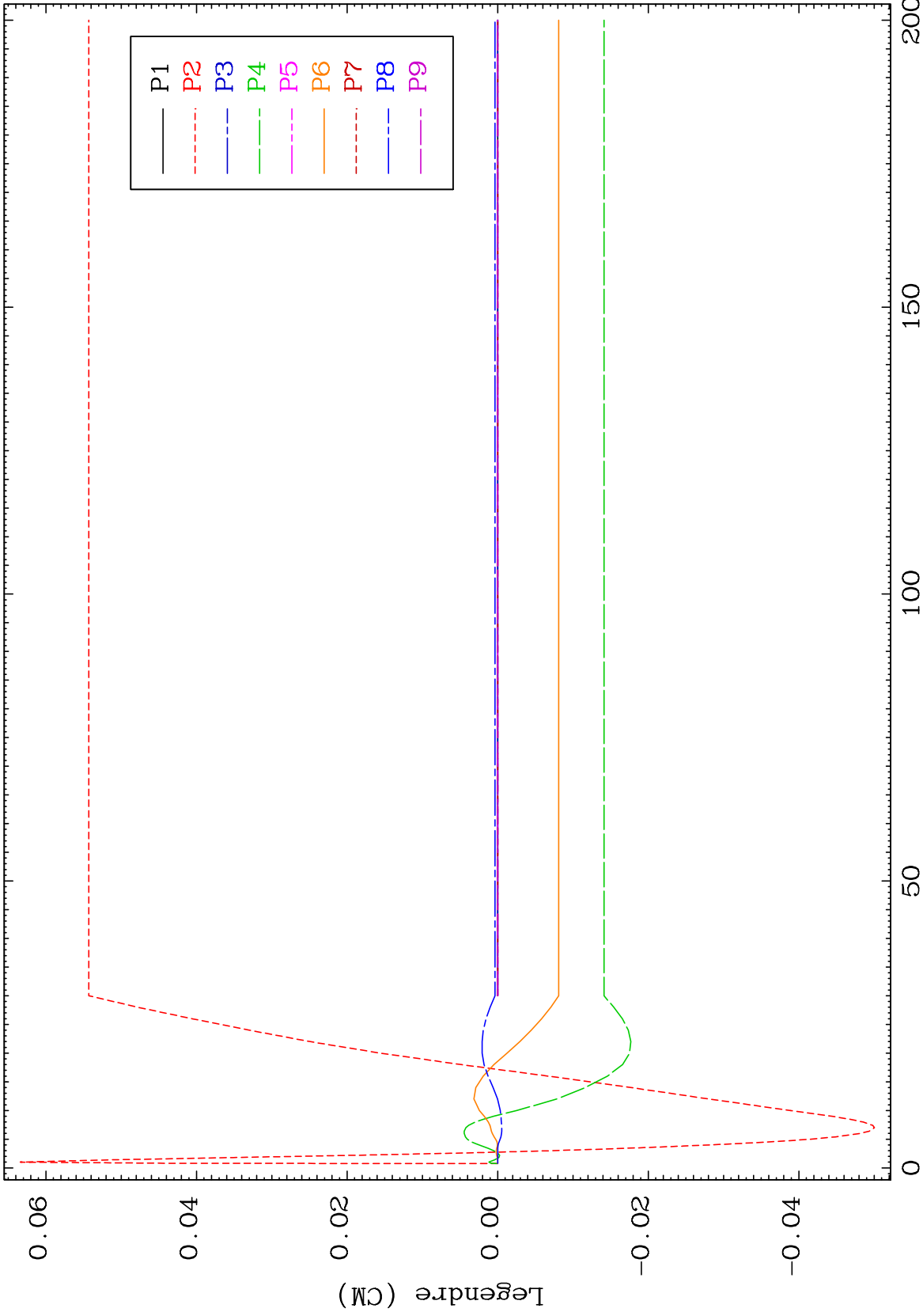
106

77-Ir-173

MAT 7671

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

77-Ir-173



107

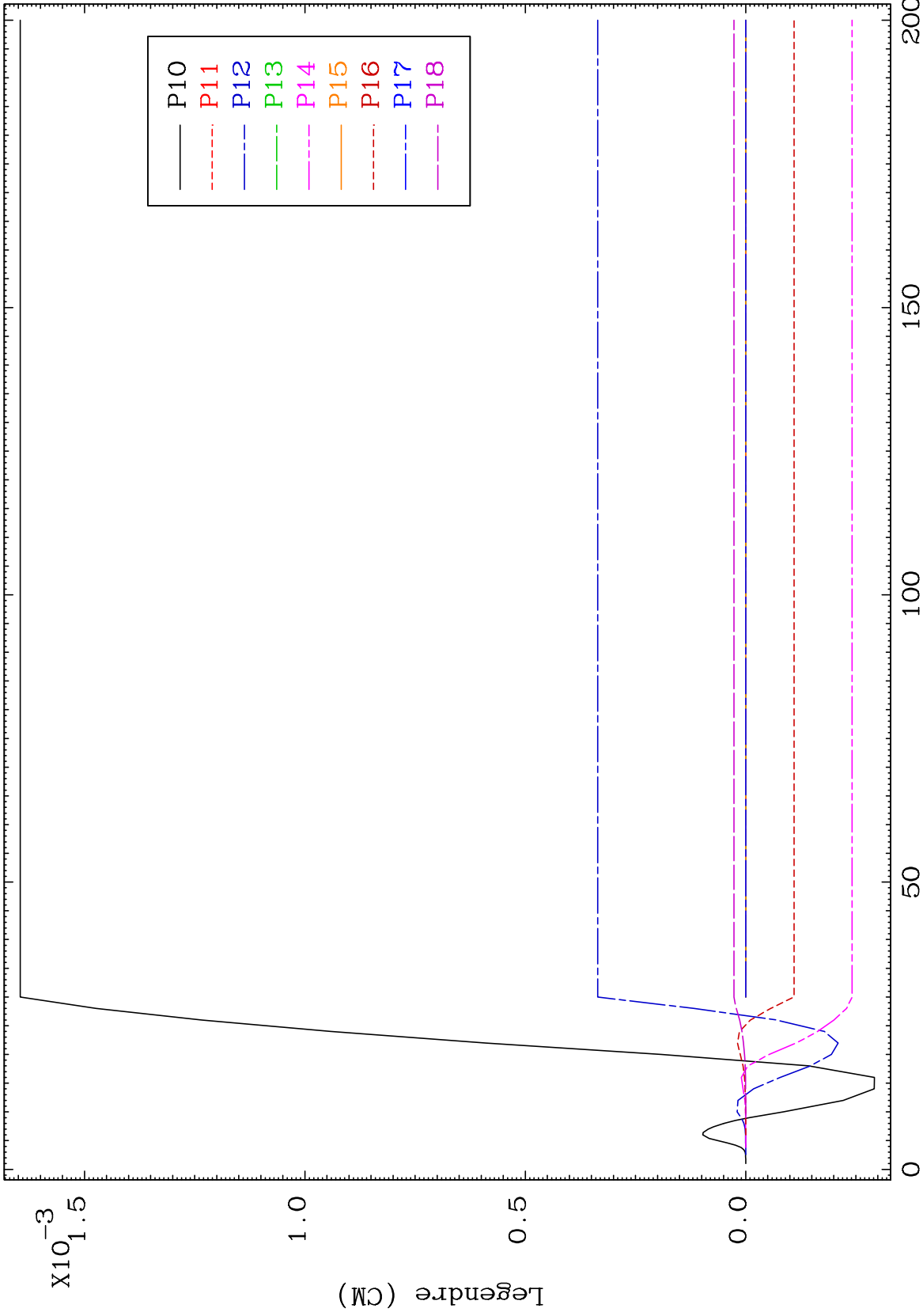
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



108

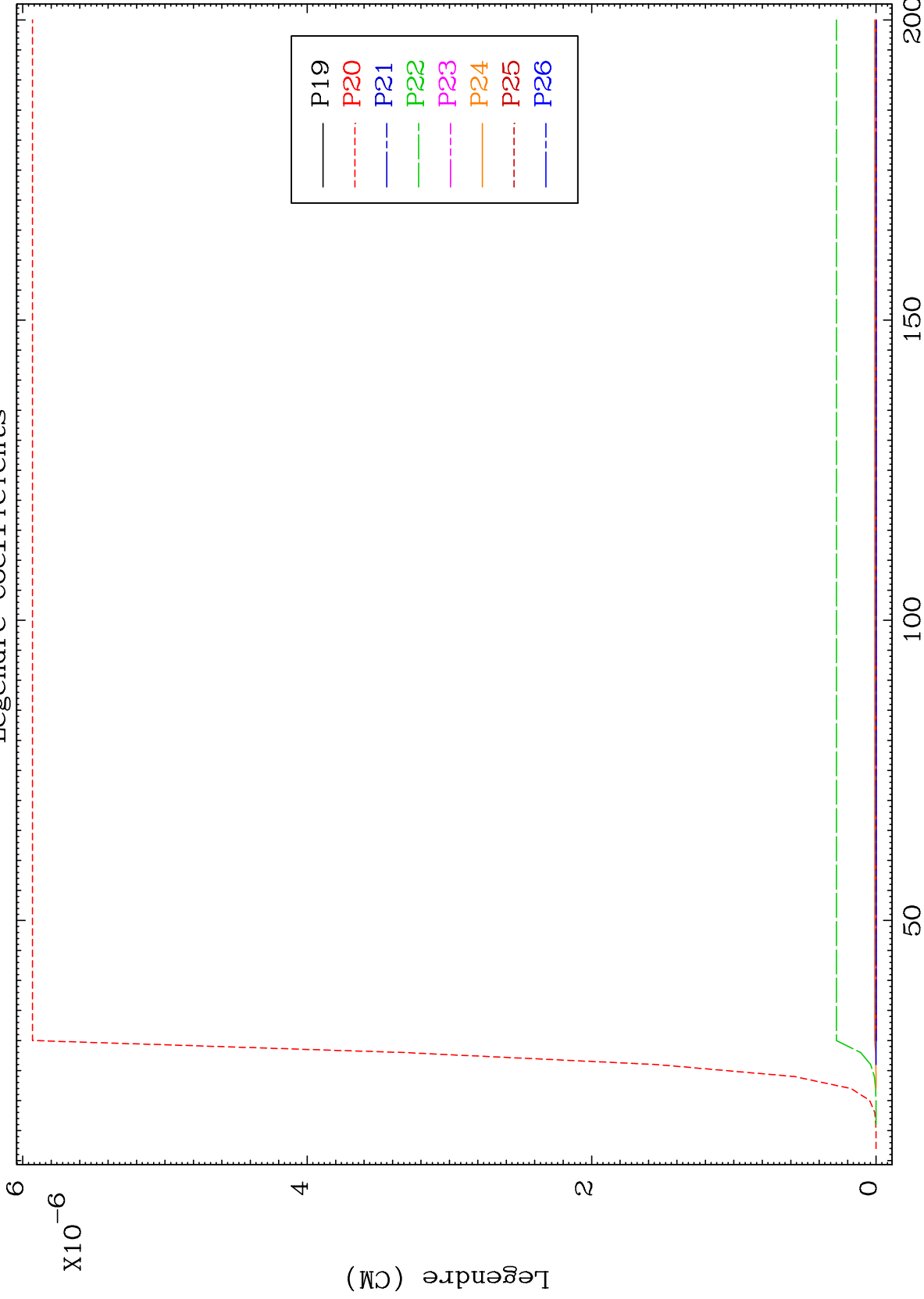
Incident Energy (MeV)

77-Ir-173

77-Ir-173

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

MAT 7671



77-Ir-173

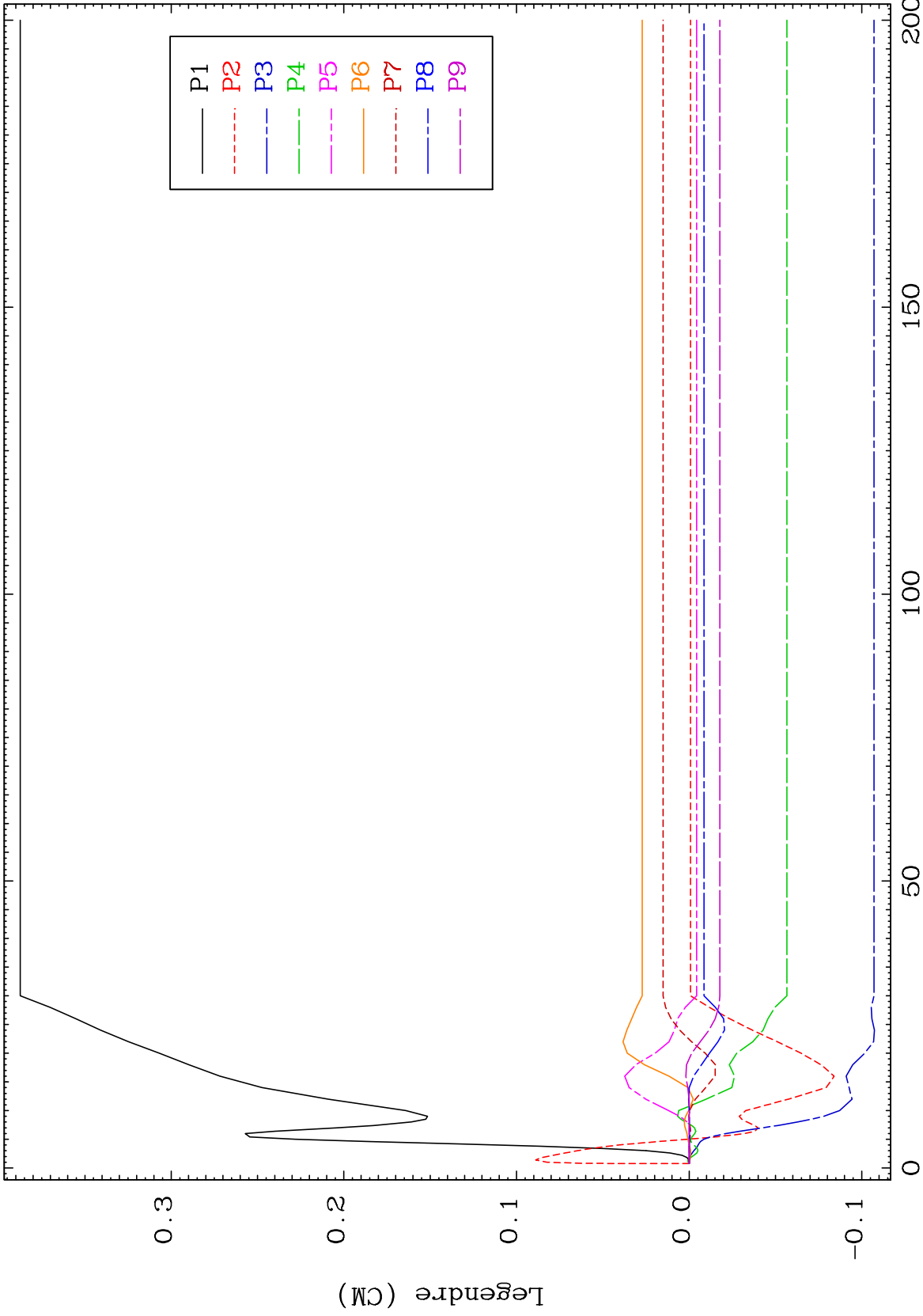
Incident Energy (MeV)

109

MAT 7671

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

77-Ir-173



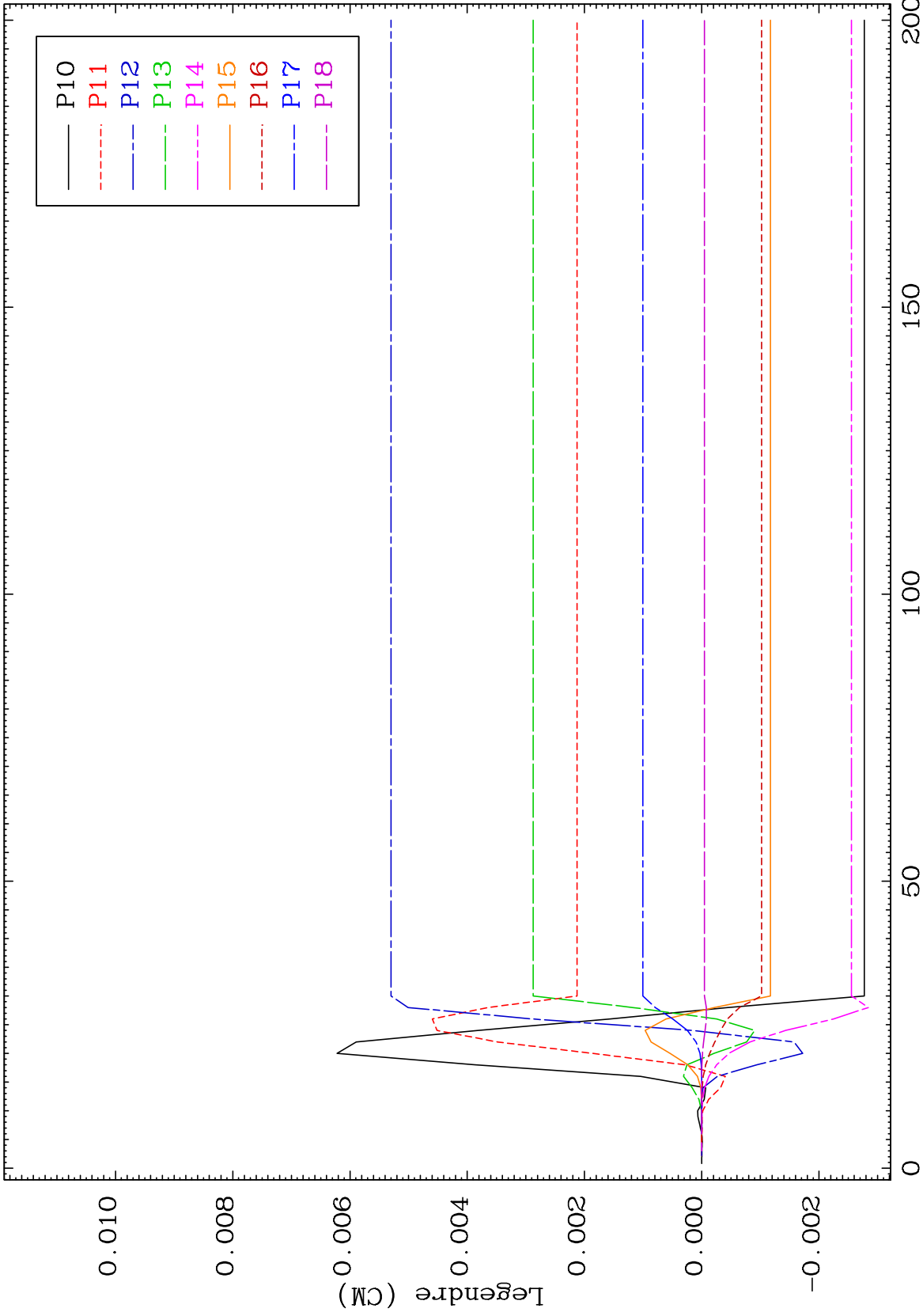
110

77-Ir-173

MAT 7671

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

77-Ir-173



111

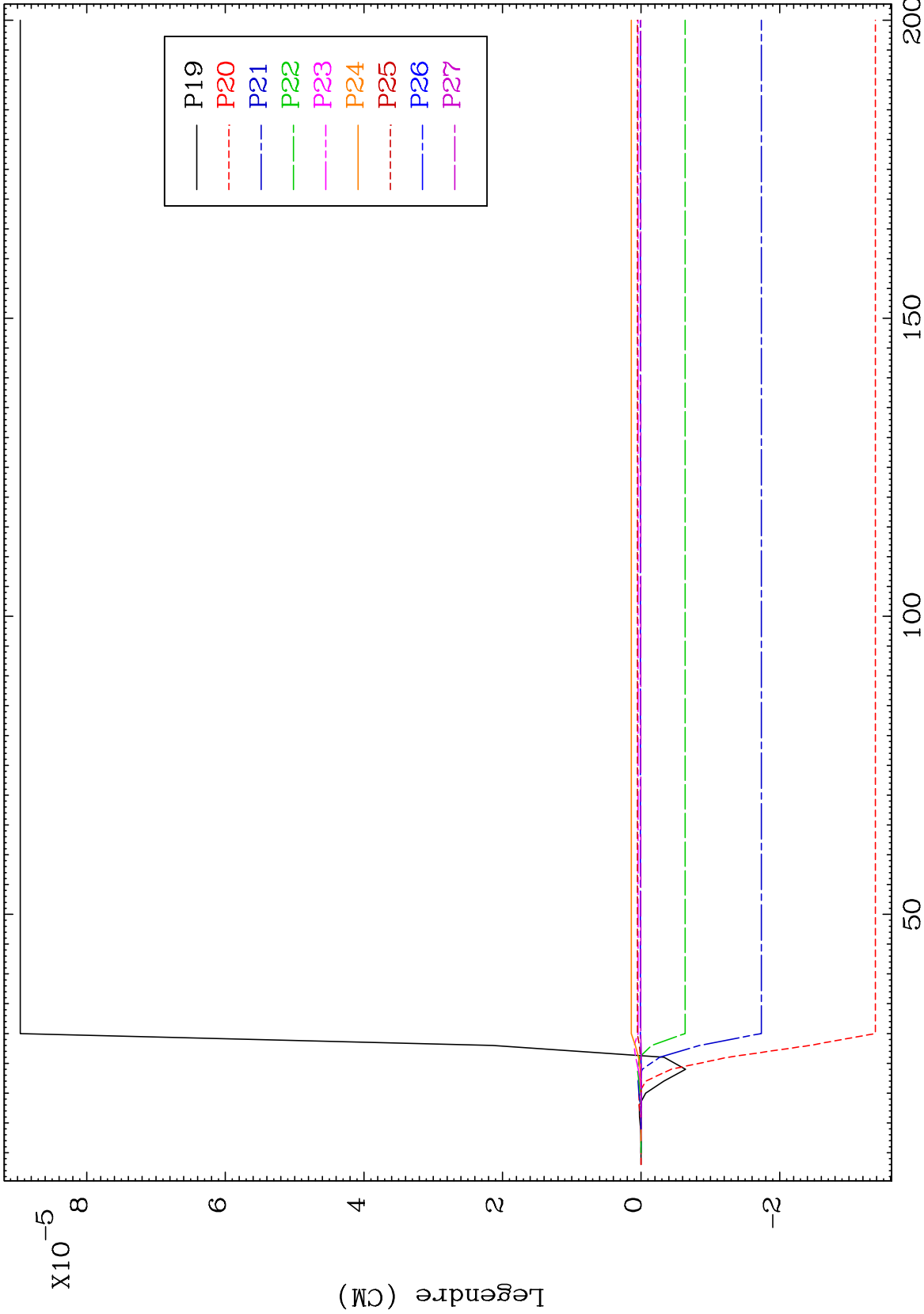
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



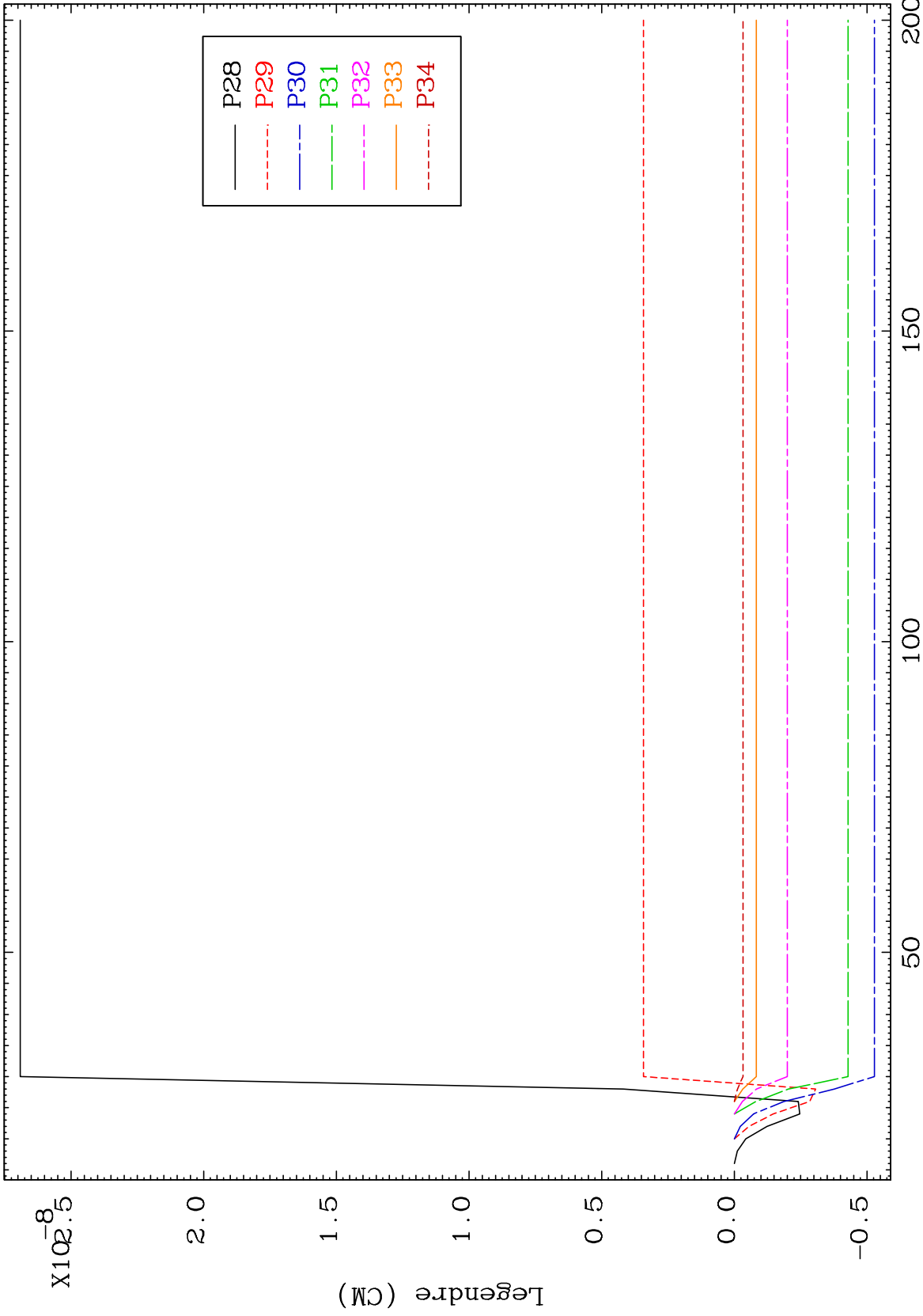
112

77-Ir-173

MAT 7671

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

77-Ir-173



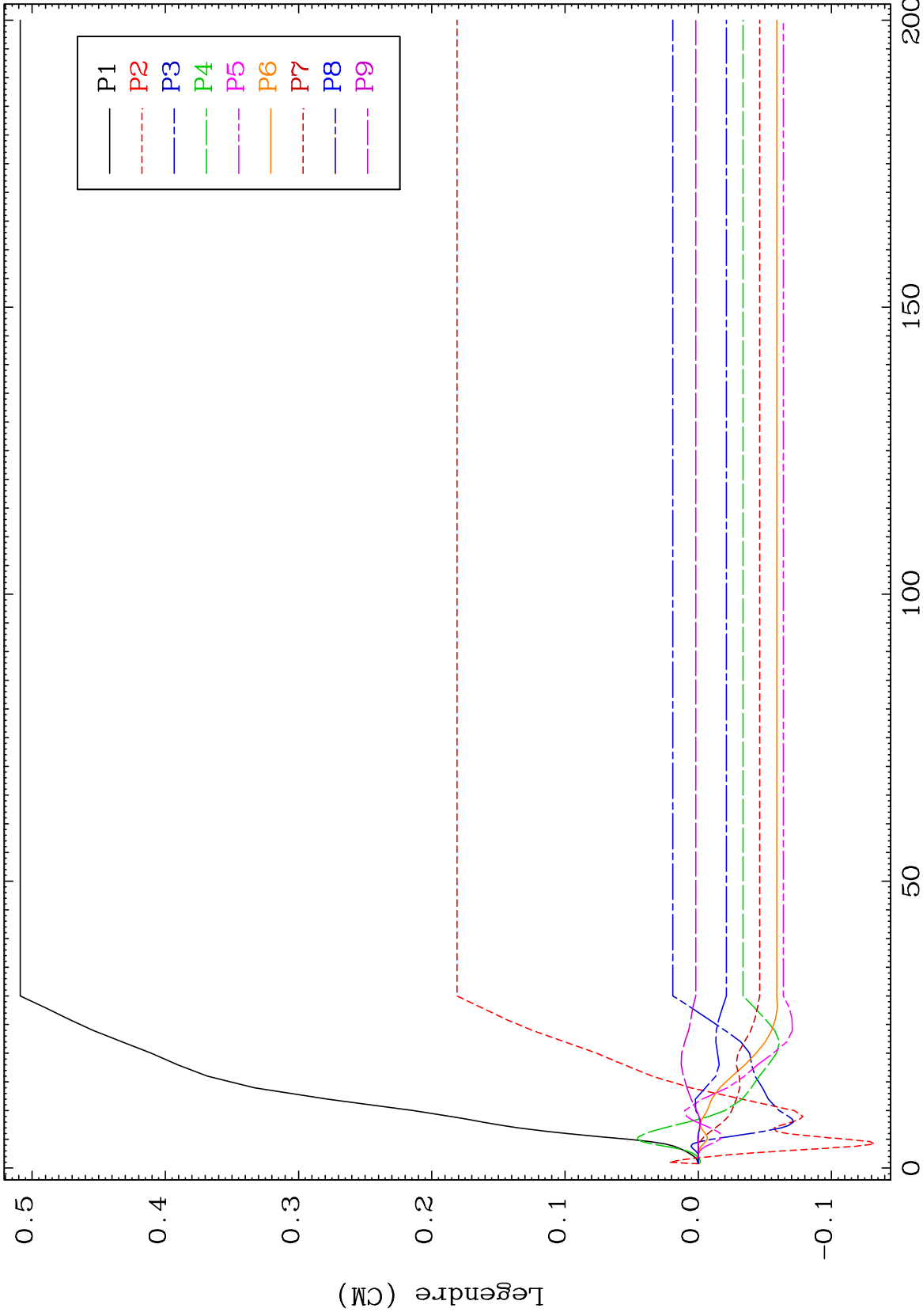
113

77-Ir-173

MAT 7671

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

77-Ir-173



114

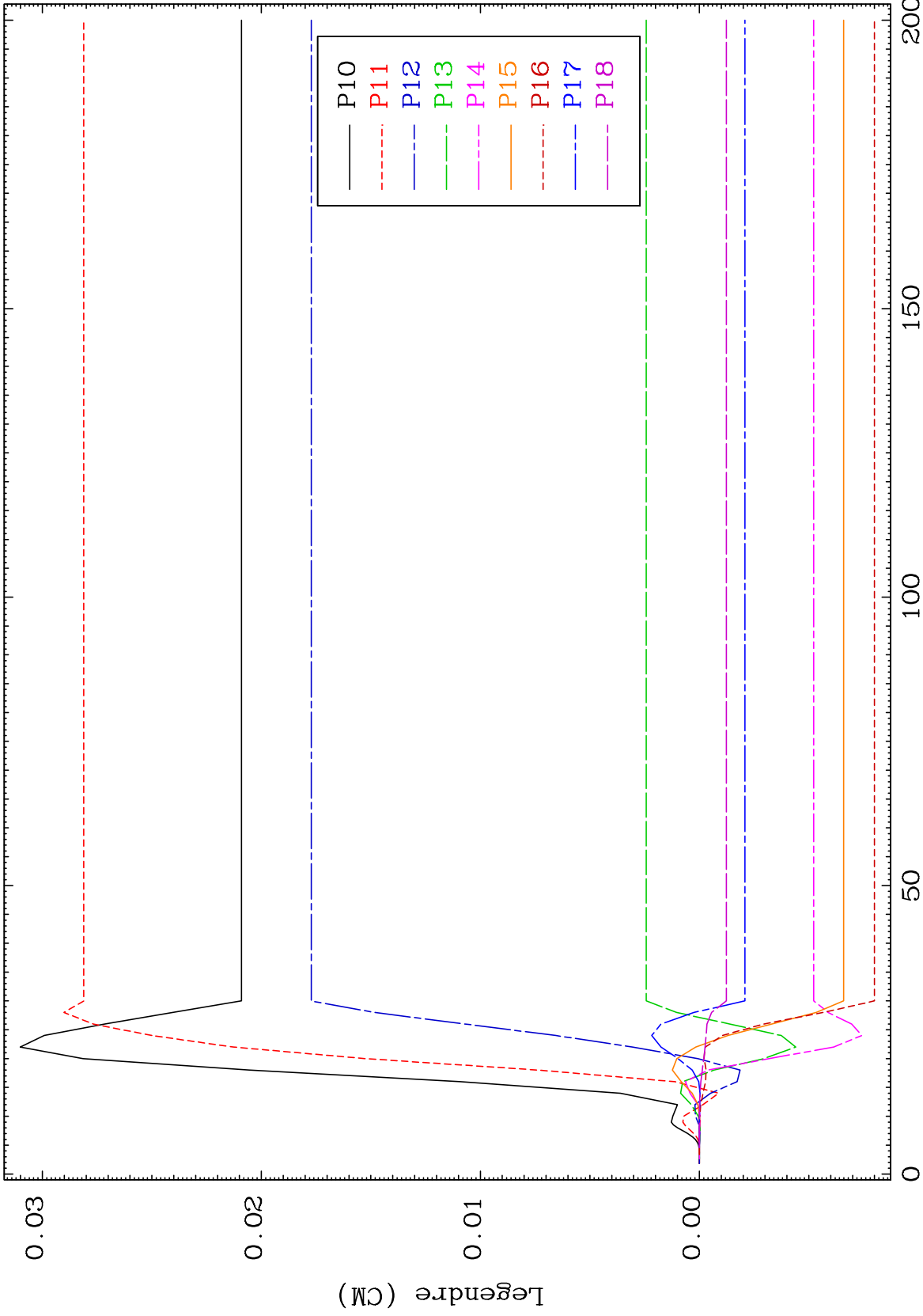
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

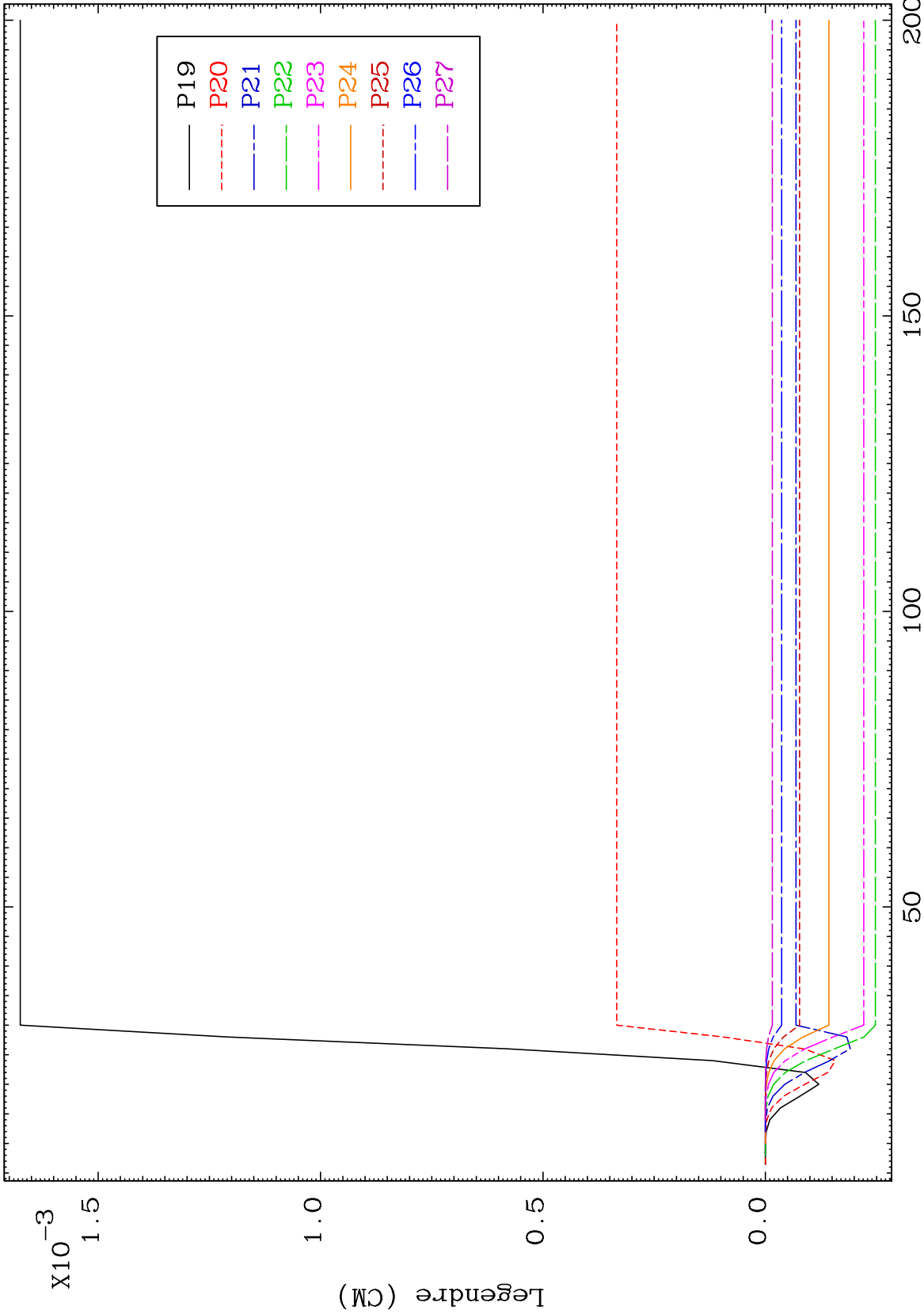
77-Ir-173



115

Incident Energy (MeV)

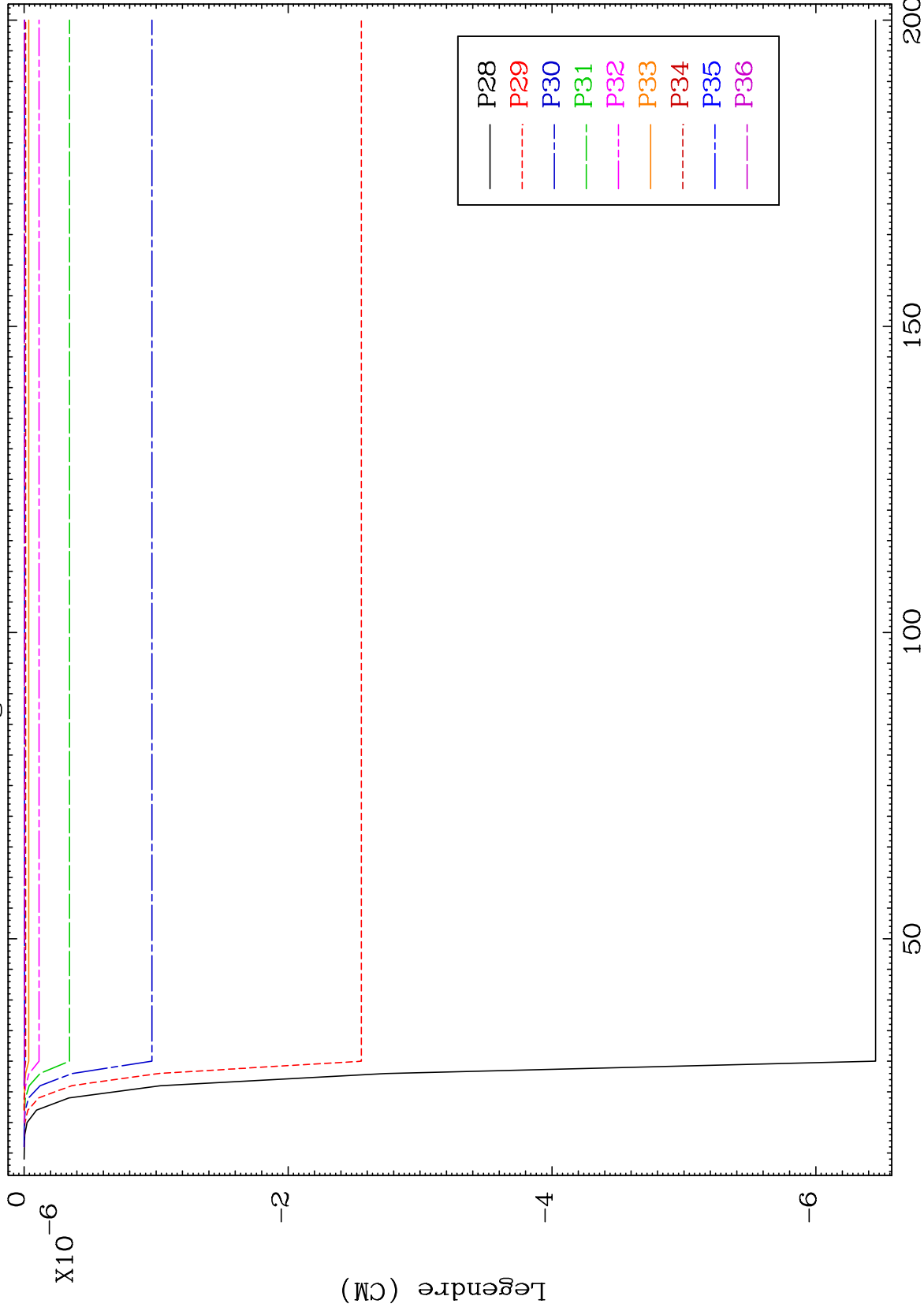
77-Ir-173



MAT 7671

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

77-Ir-173



117

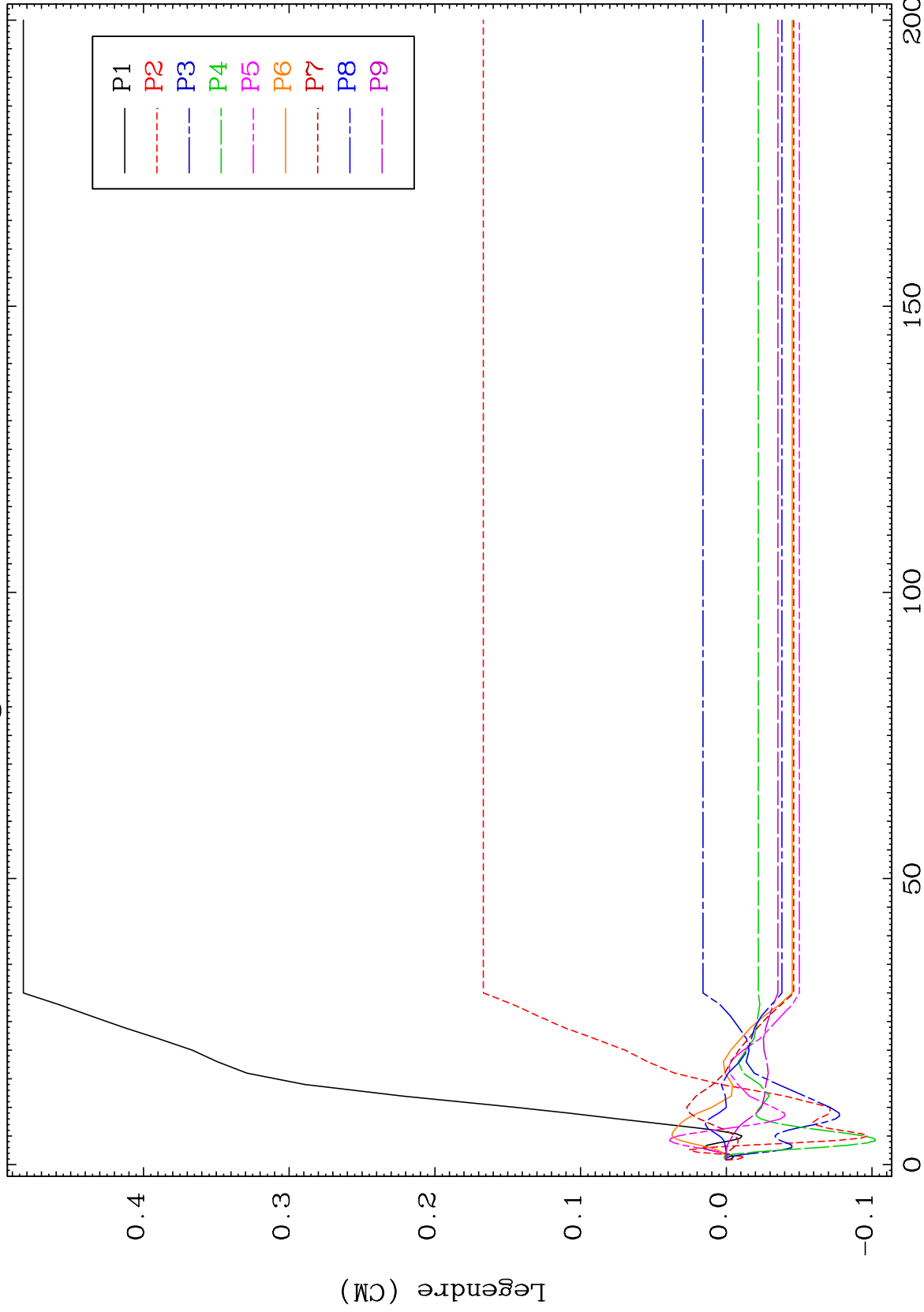
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



118

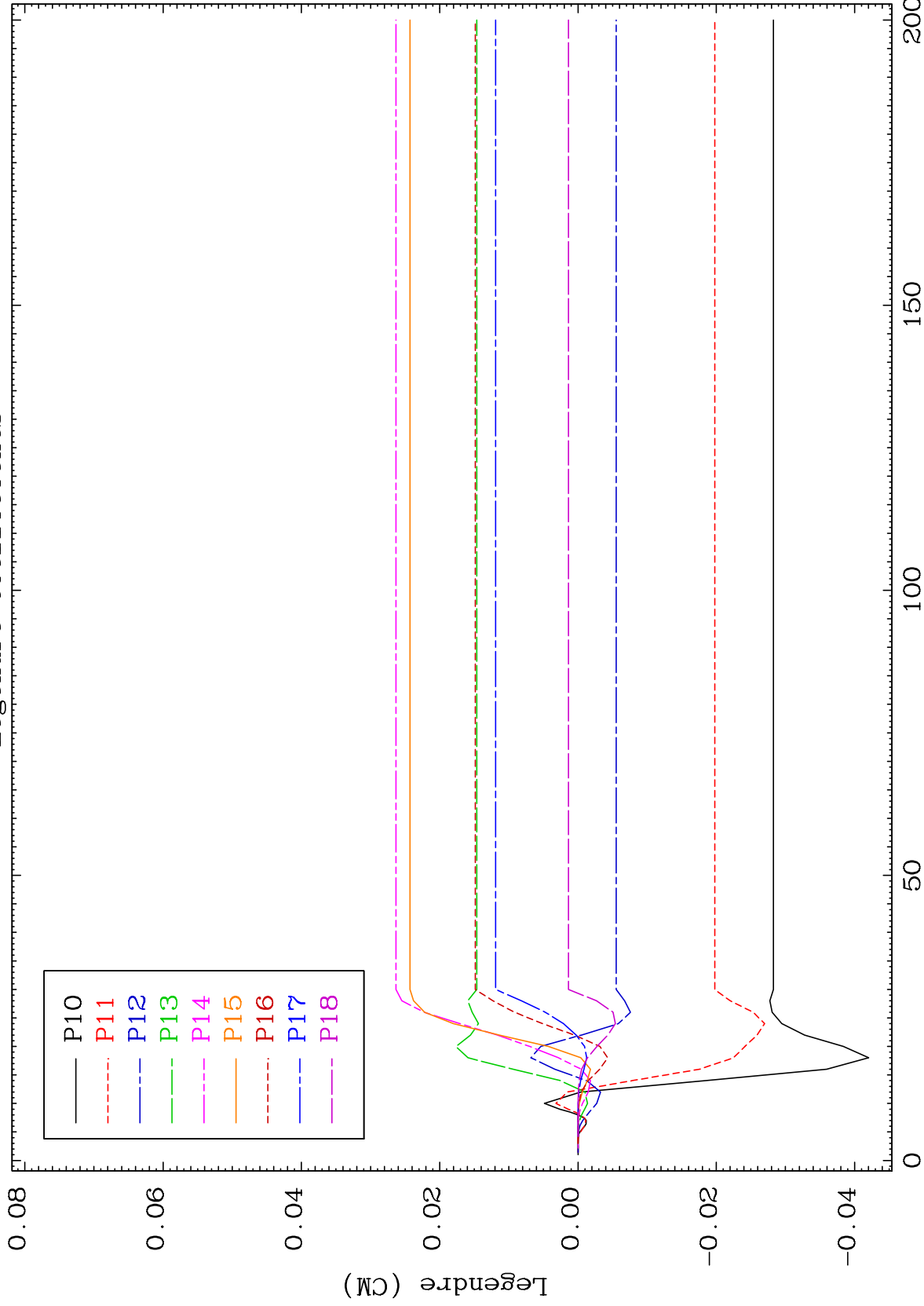
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



119

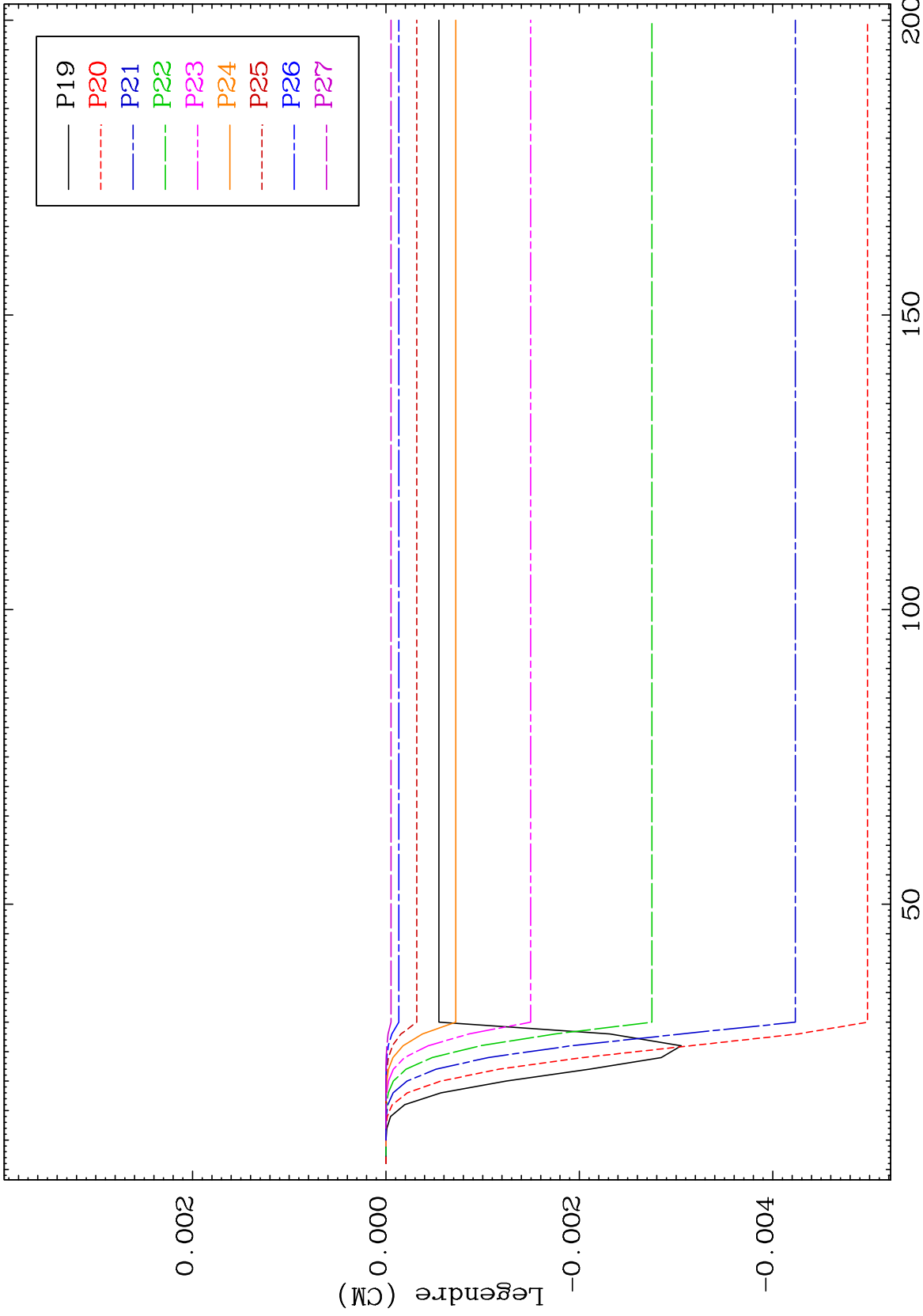
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



120

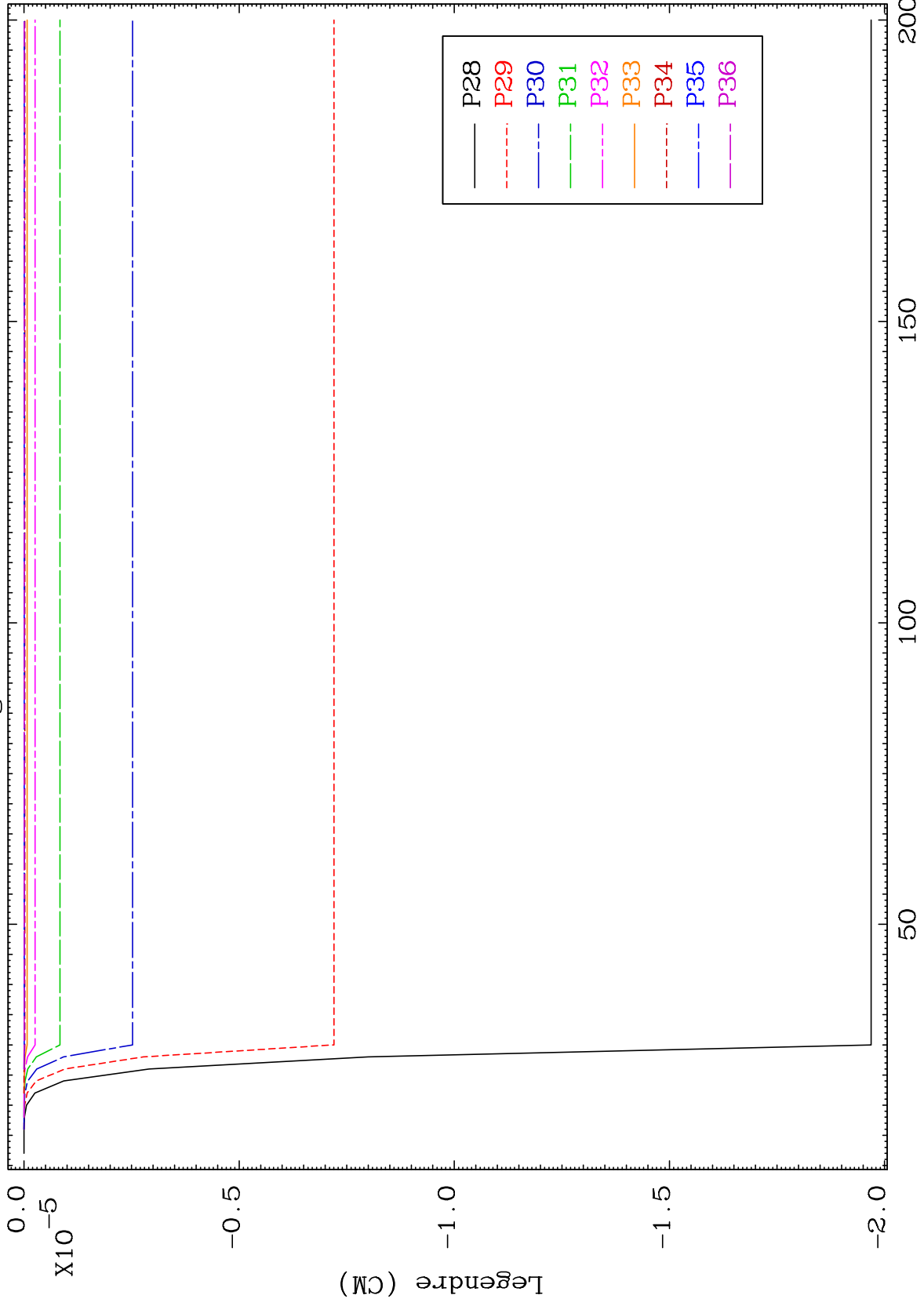
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



77-Ir-173

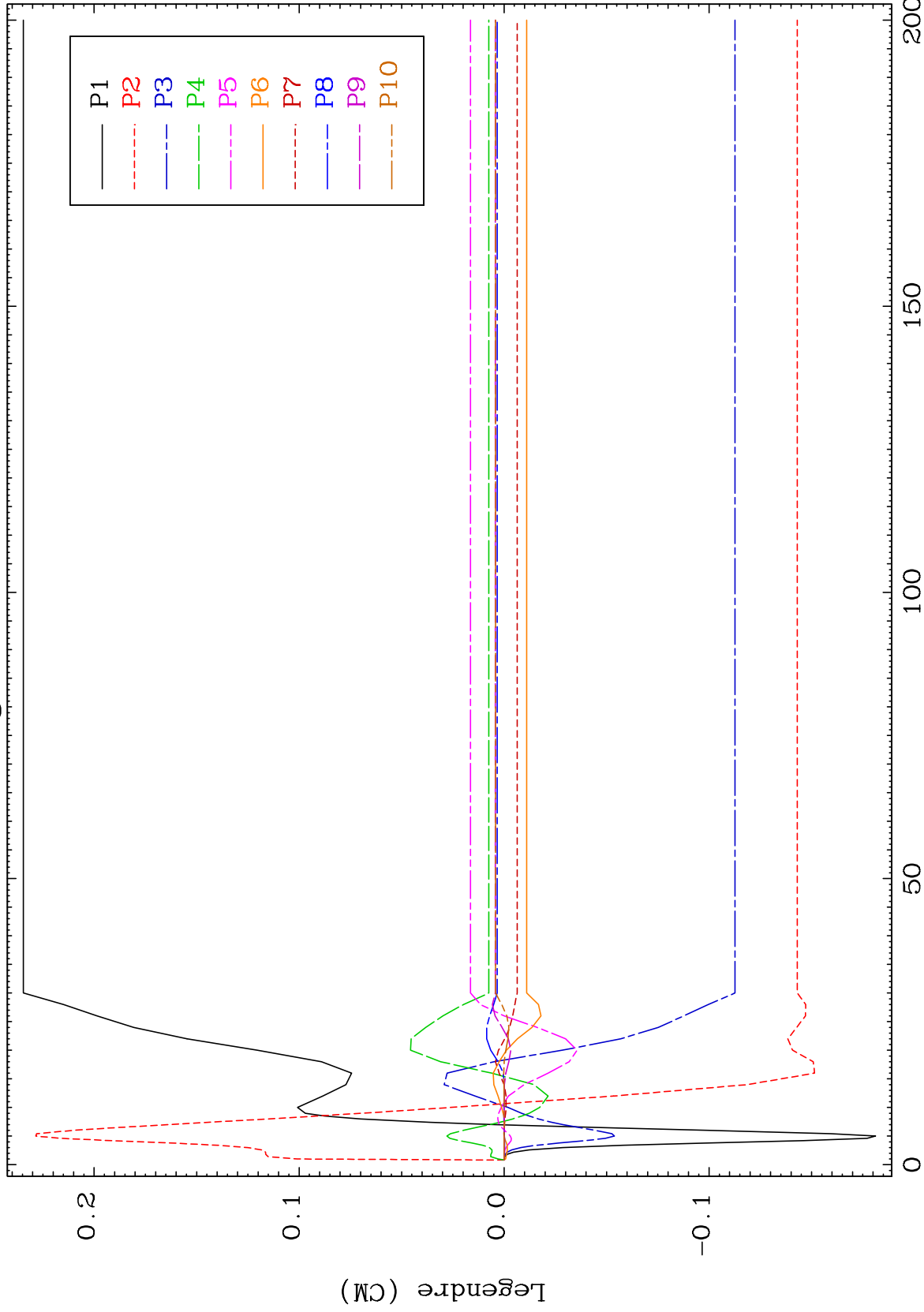
Incident Energy (MeV)

121

MAT 7671

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

77-Ir-173



122

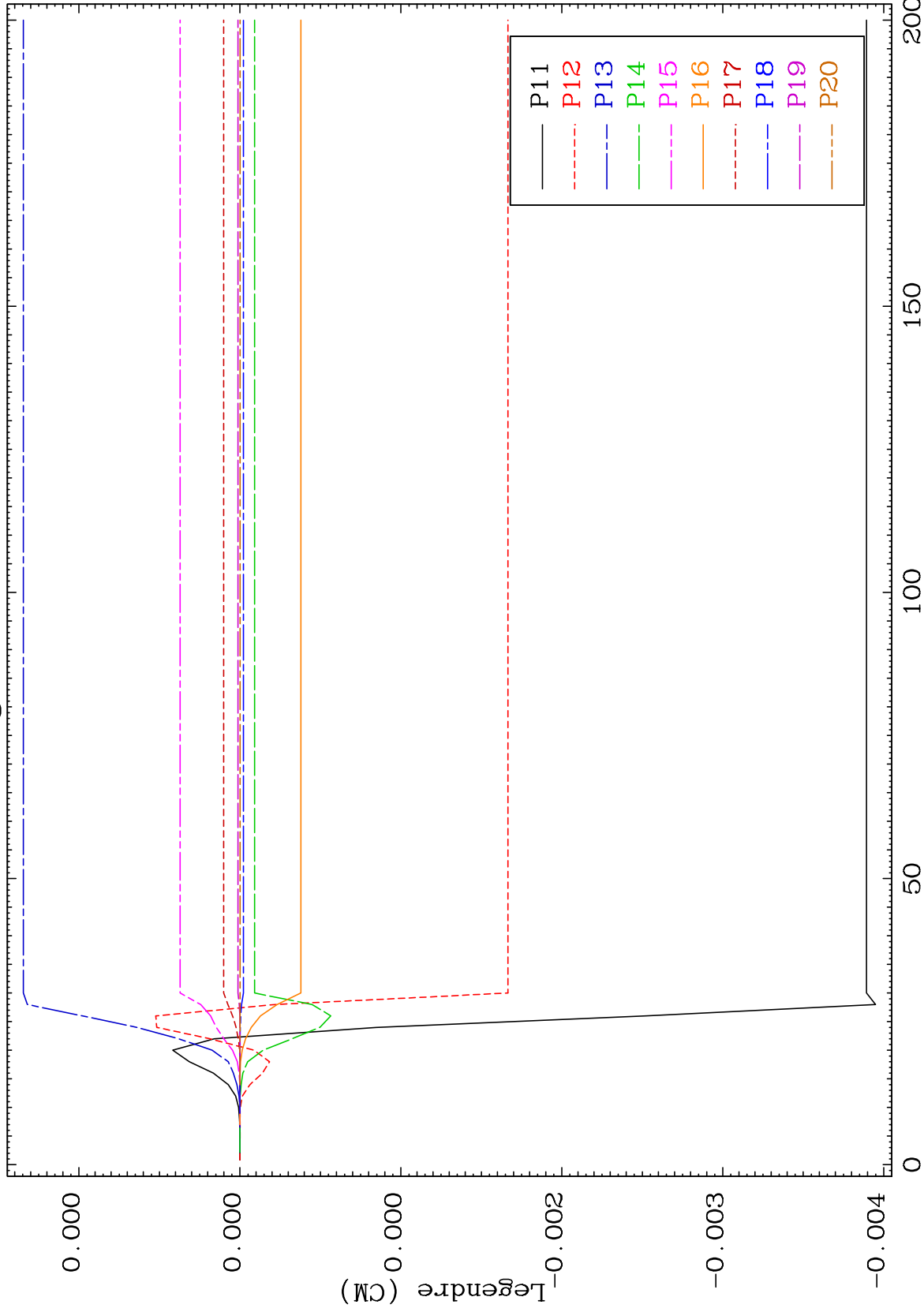
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



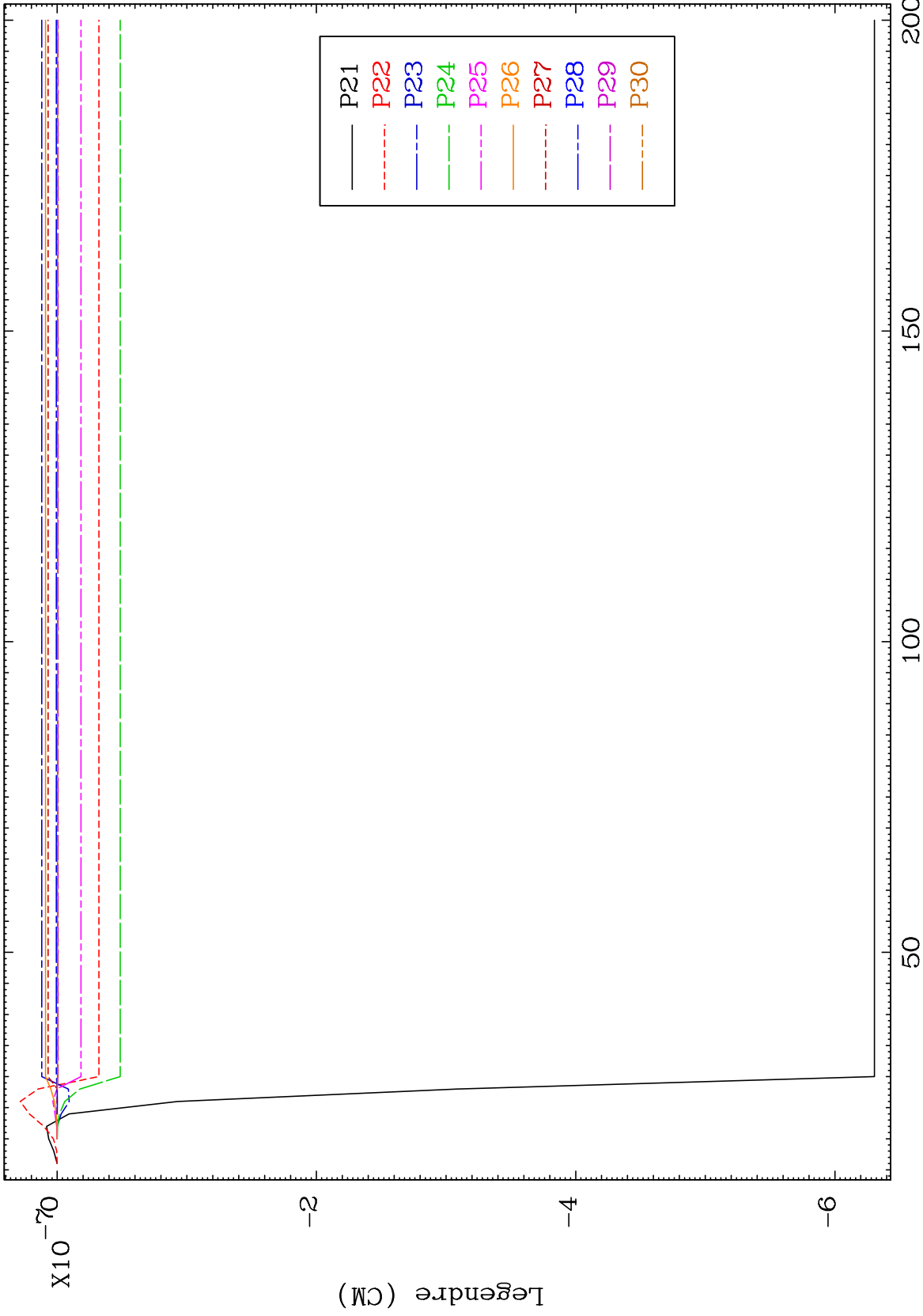
123

77-Ir-173

MAT 7671

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

77-Ir-173



124

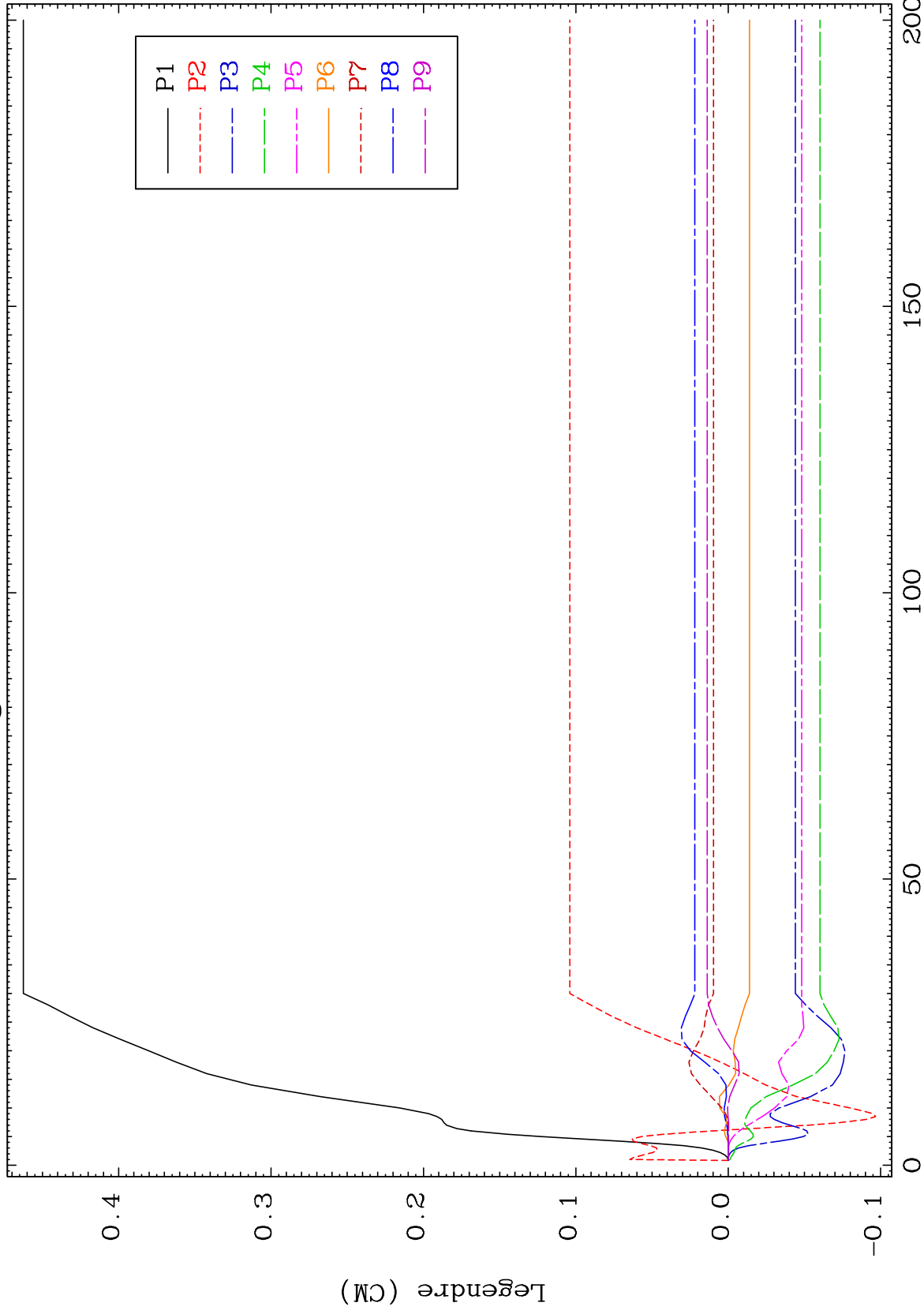
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



77-Ir-173

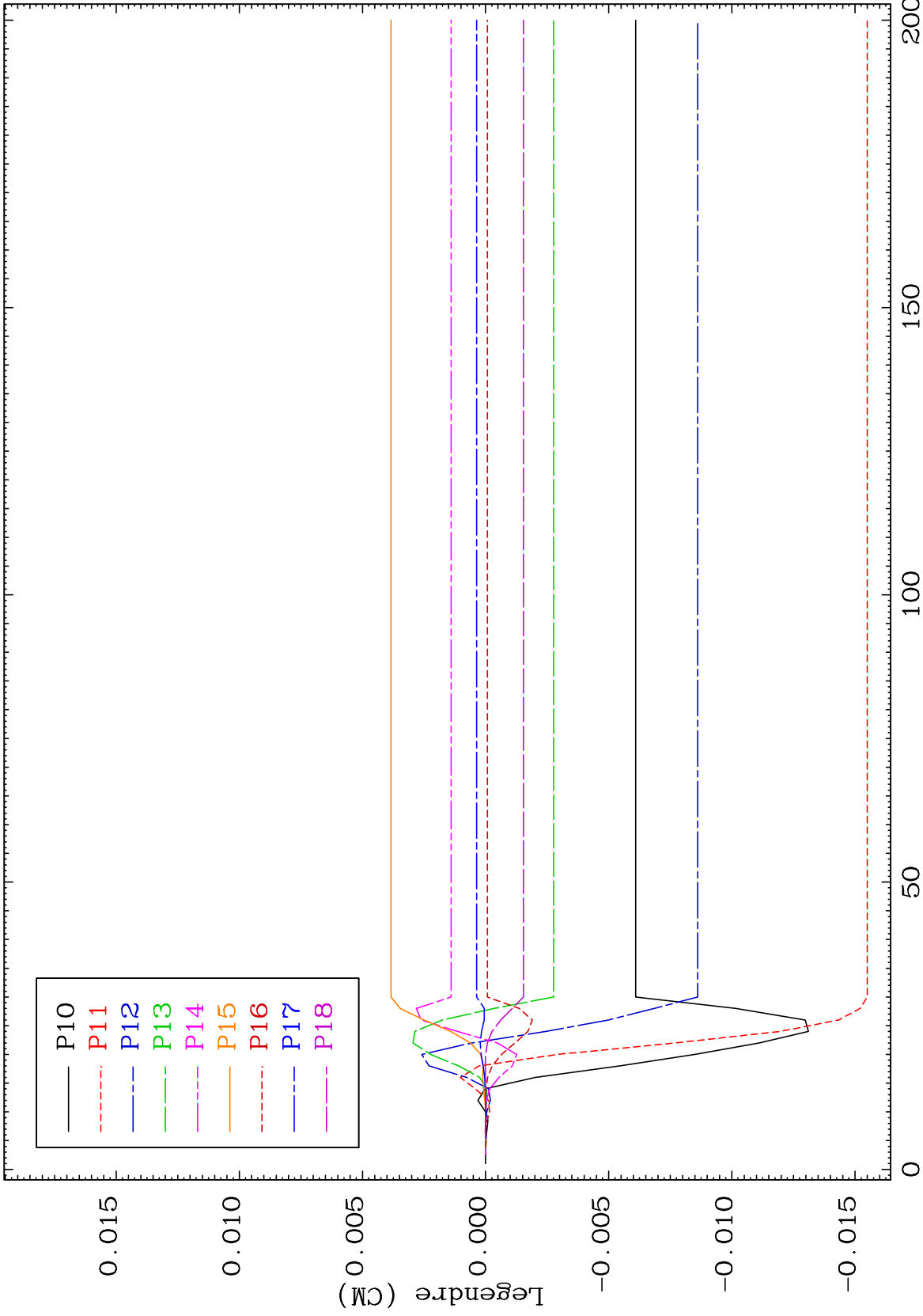
Incident Energy (MeV)

125

MAT 7671

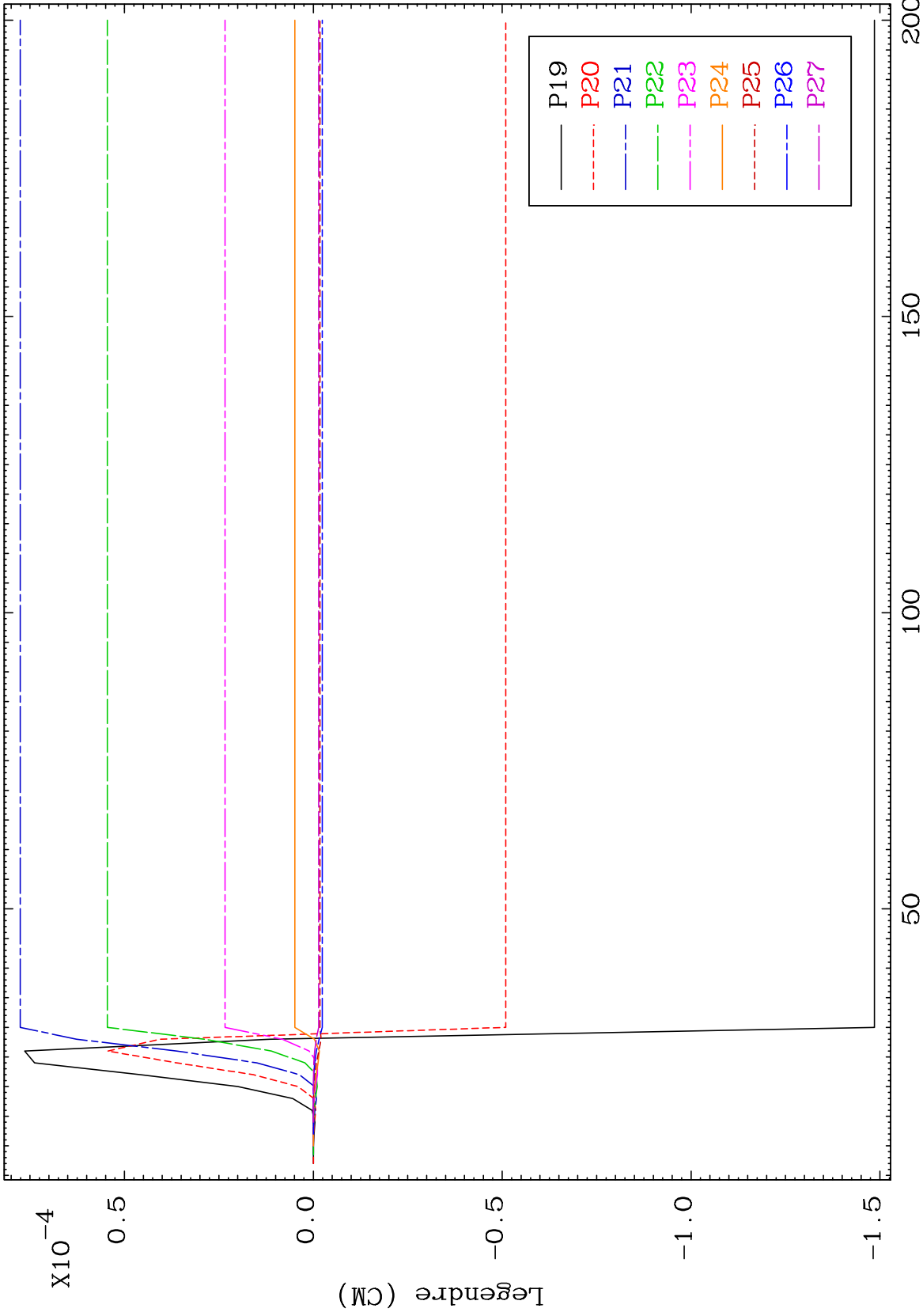
MT= 78 (n,n') Level
Legendre Coefficients

77-Ir-173



126

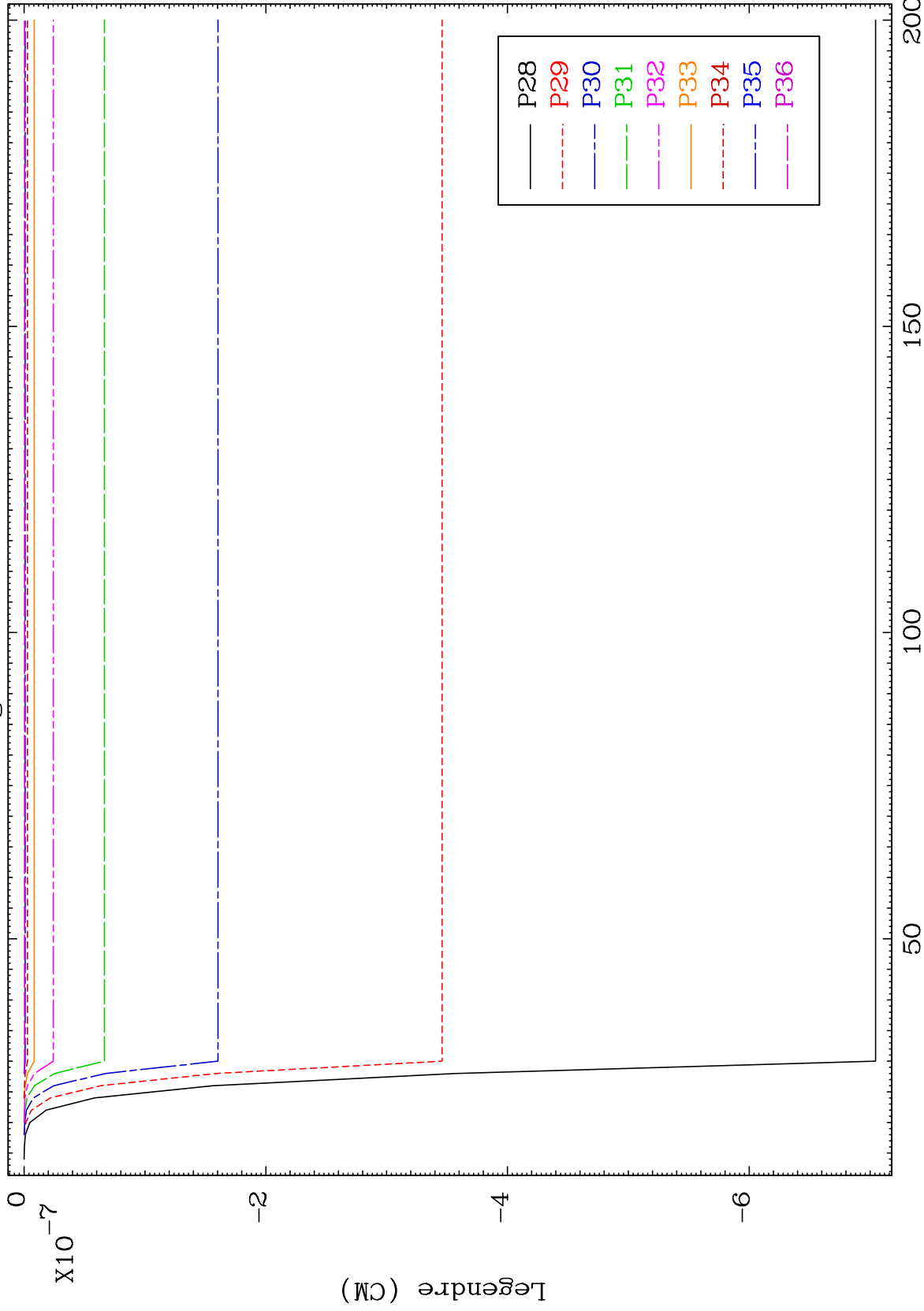
77-Ir-173



MAT 7671

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

77-Ir-173



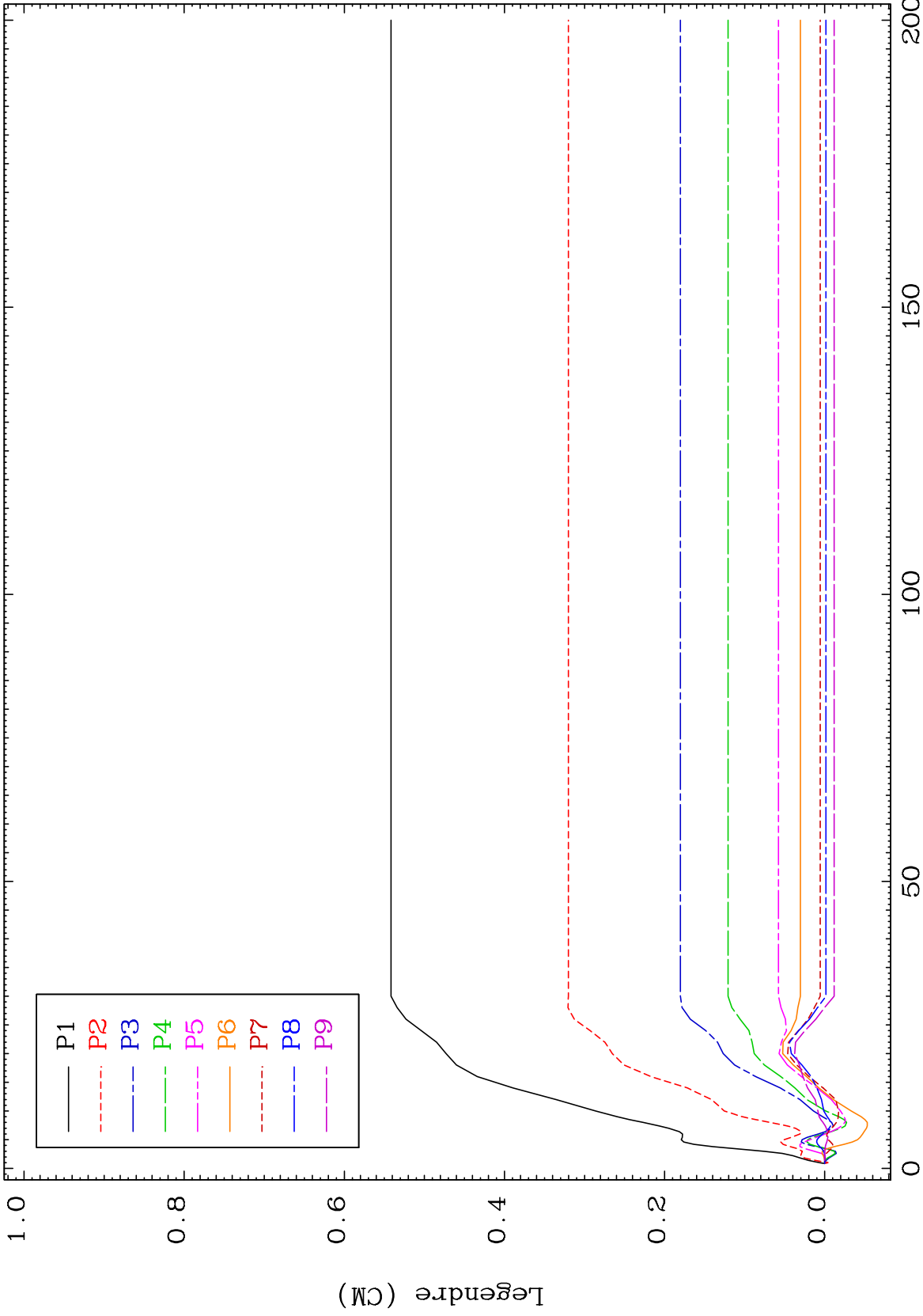
128

77-Ir-173

MAT 7671

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

77-Ir-173



129

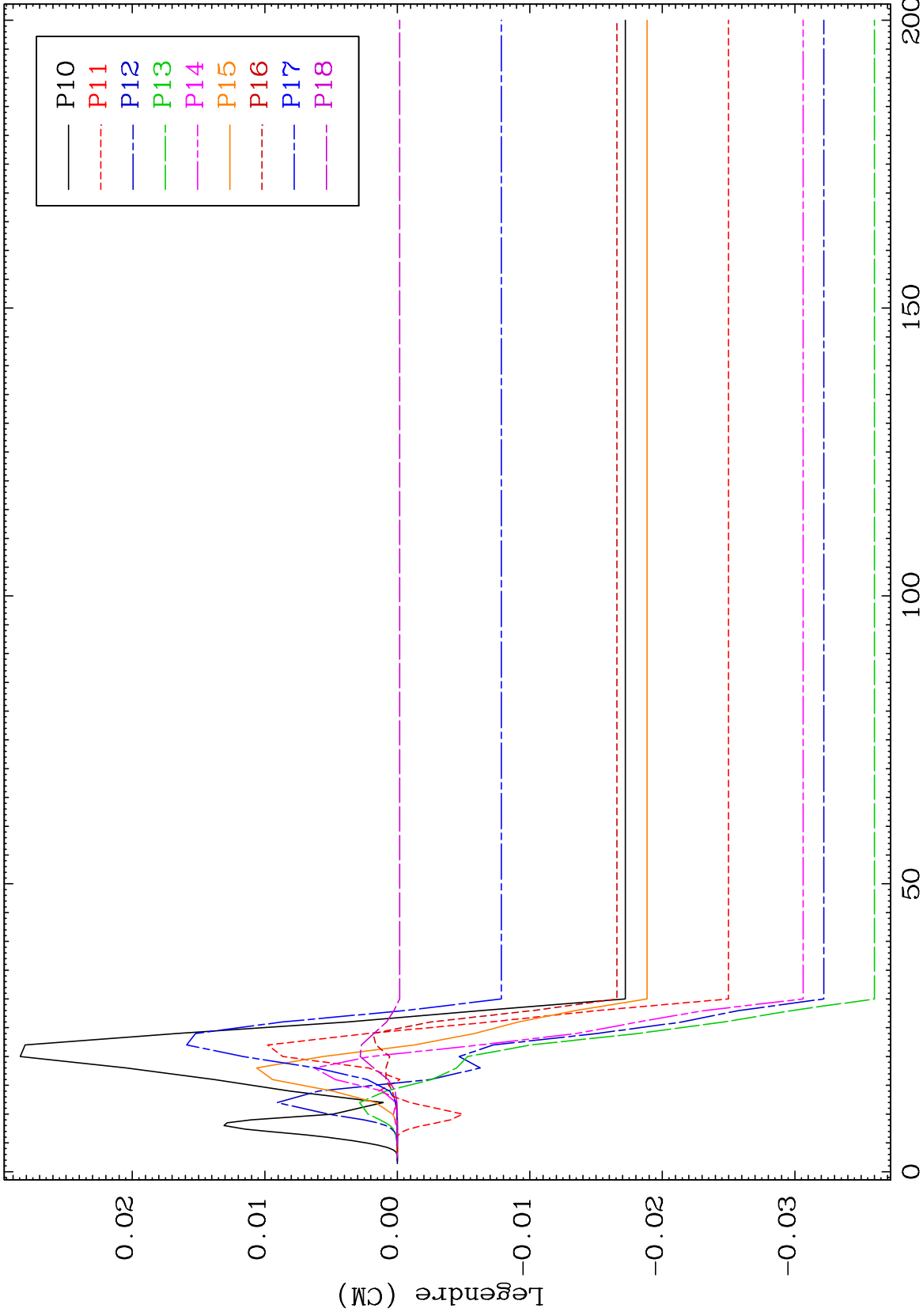
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

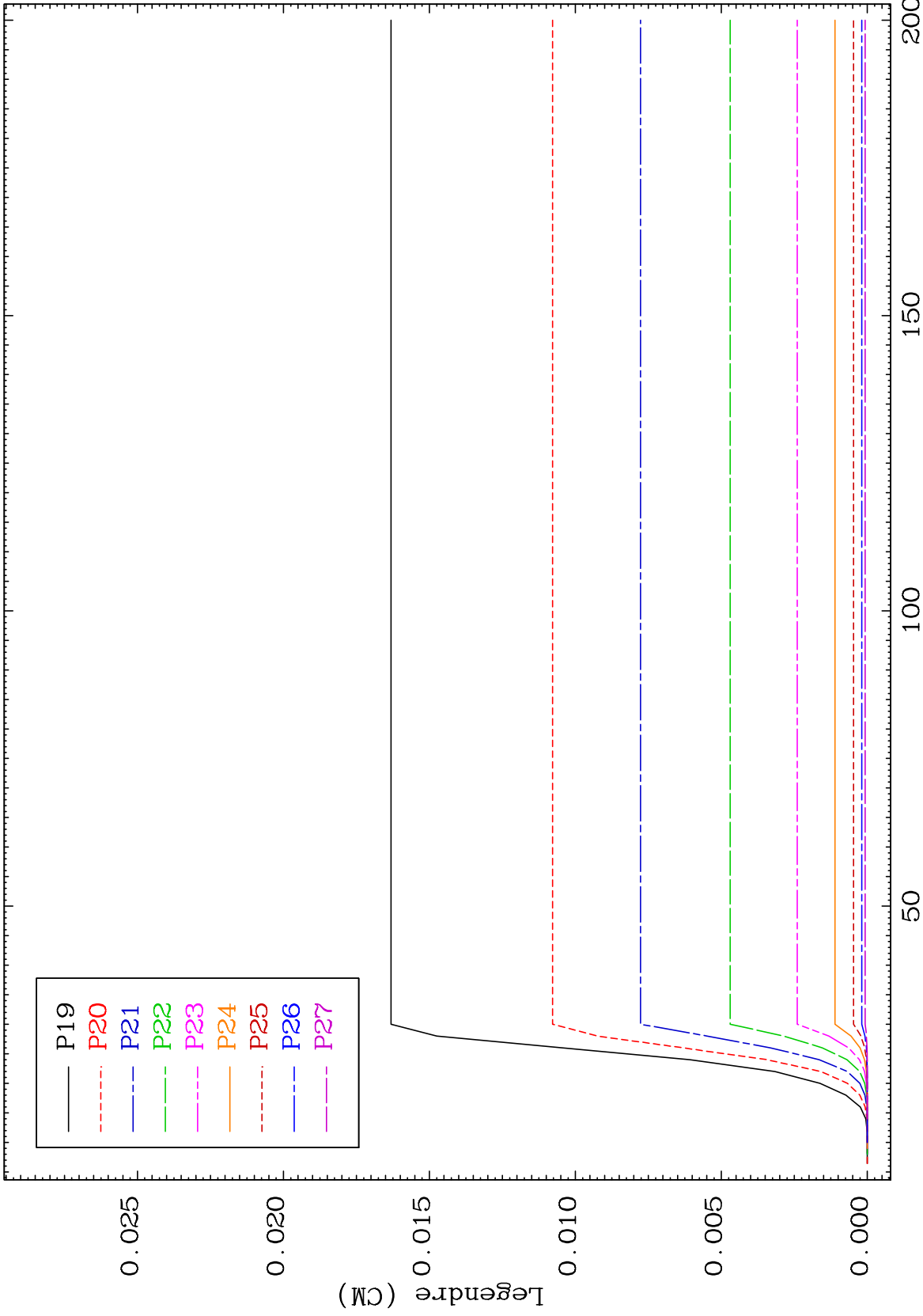
77-Ir-173



130

Incident Energy (MeV)

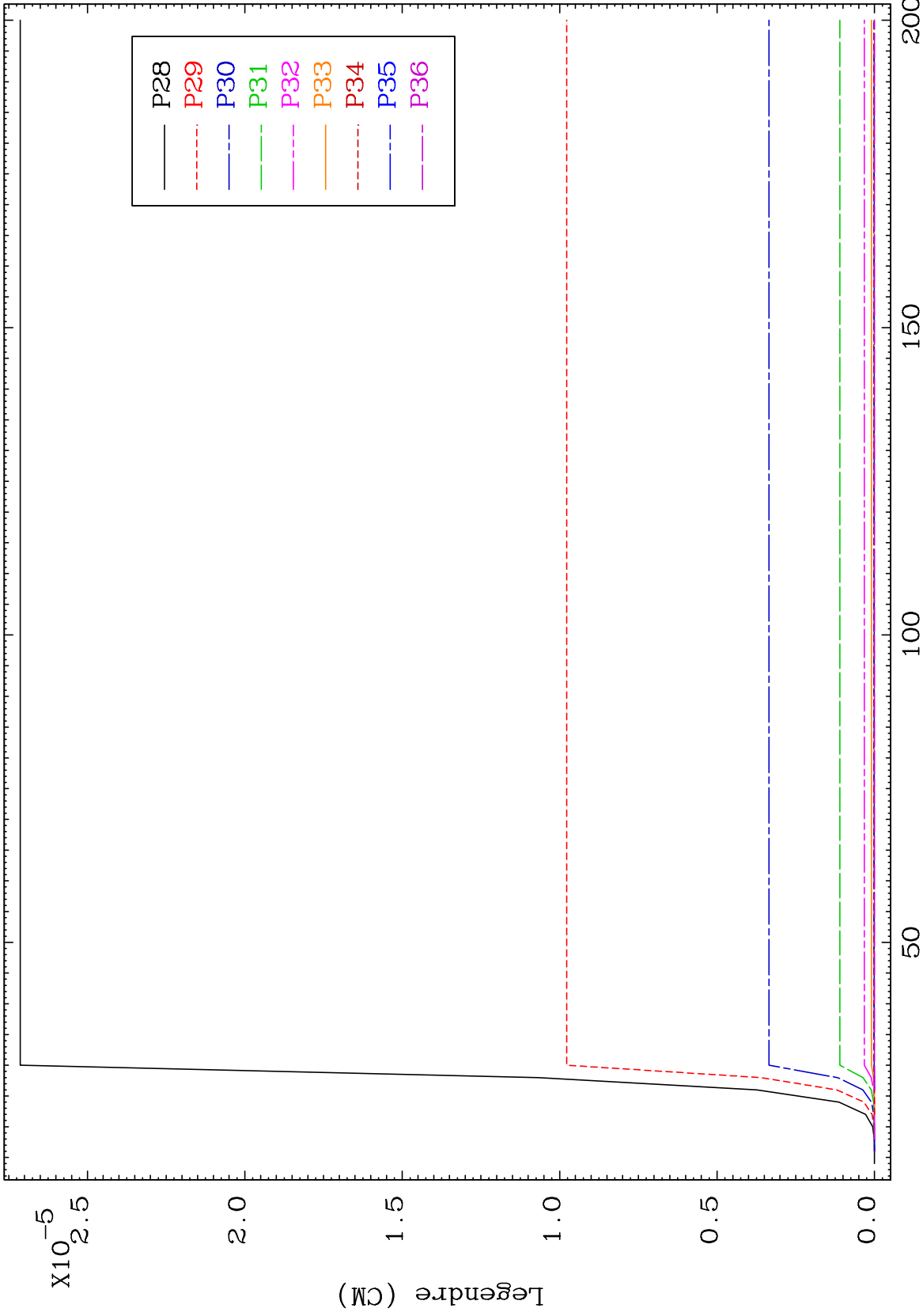
77-Ir-173



MAT 7671

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

77-Ir-173



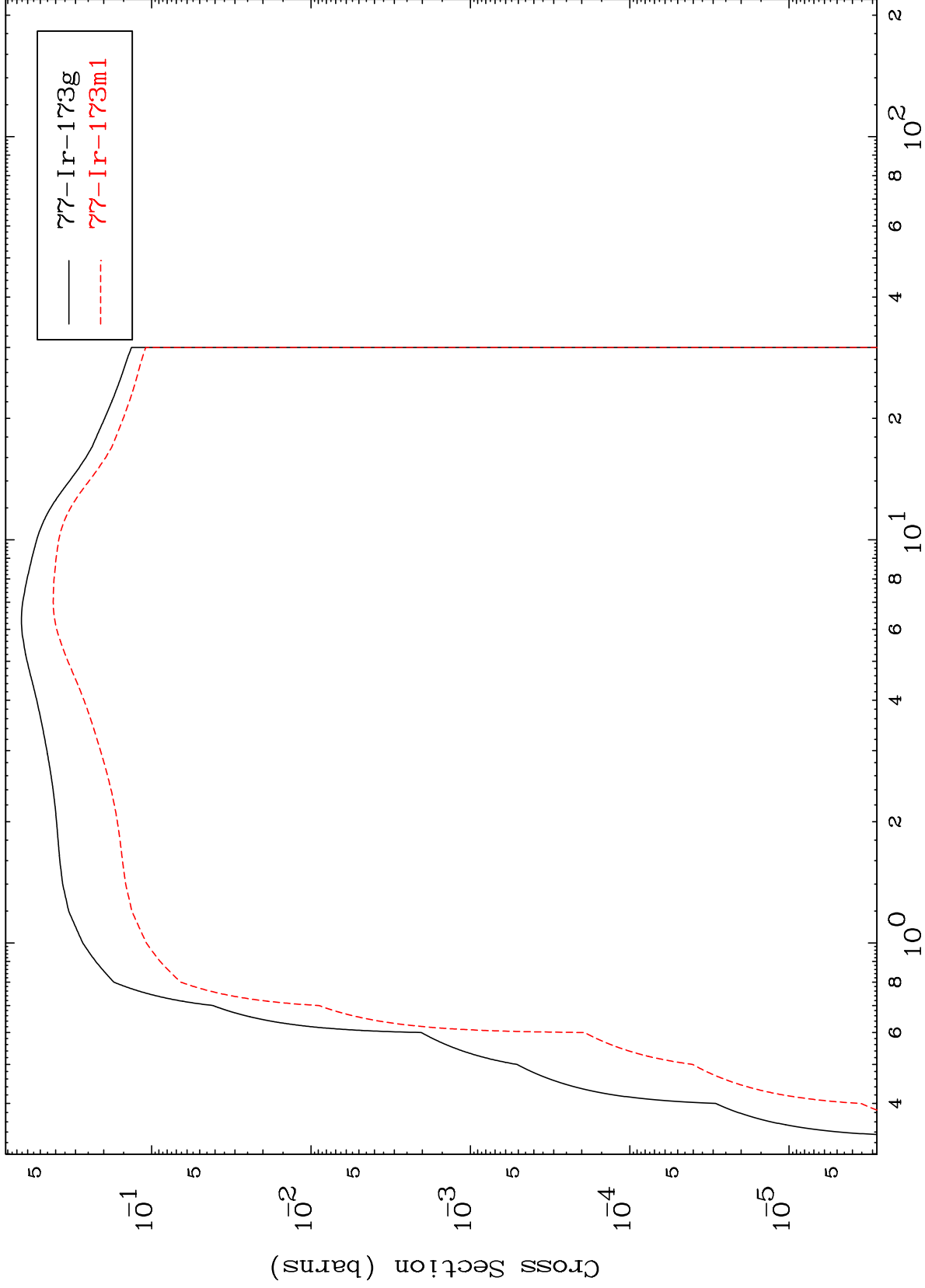
132

77-Ir-173

MAT 7671

⁷⁷Ir-173

Inelastic Radionuclide Production Cross Section



133

Incident Energy (MeV)

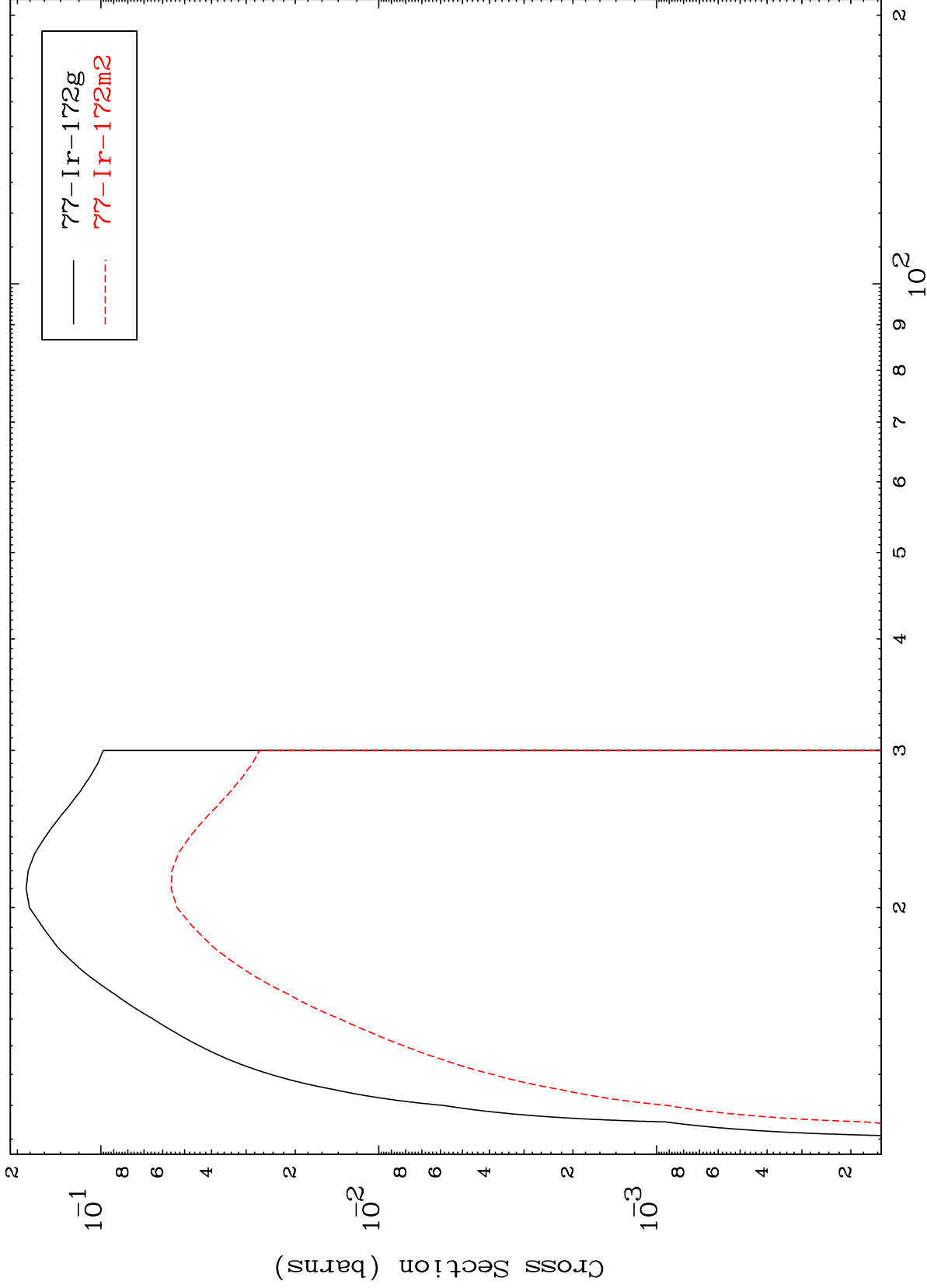
⁷⁷Ir-173

MAT 7671

(n,2n)

77-Ir-173

Radionuclide Production Cross Section



134

Incident Energy (MeV)

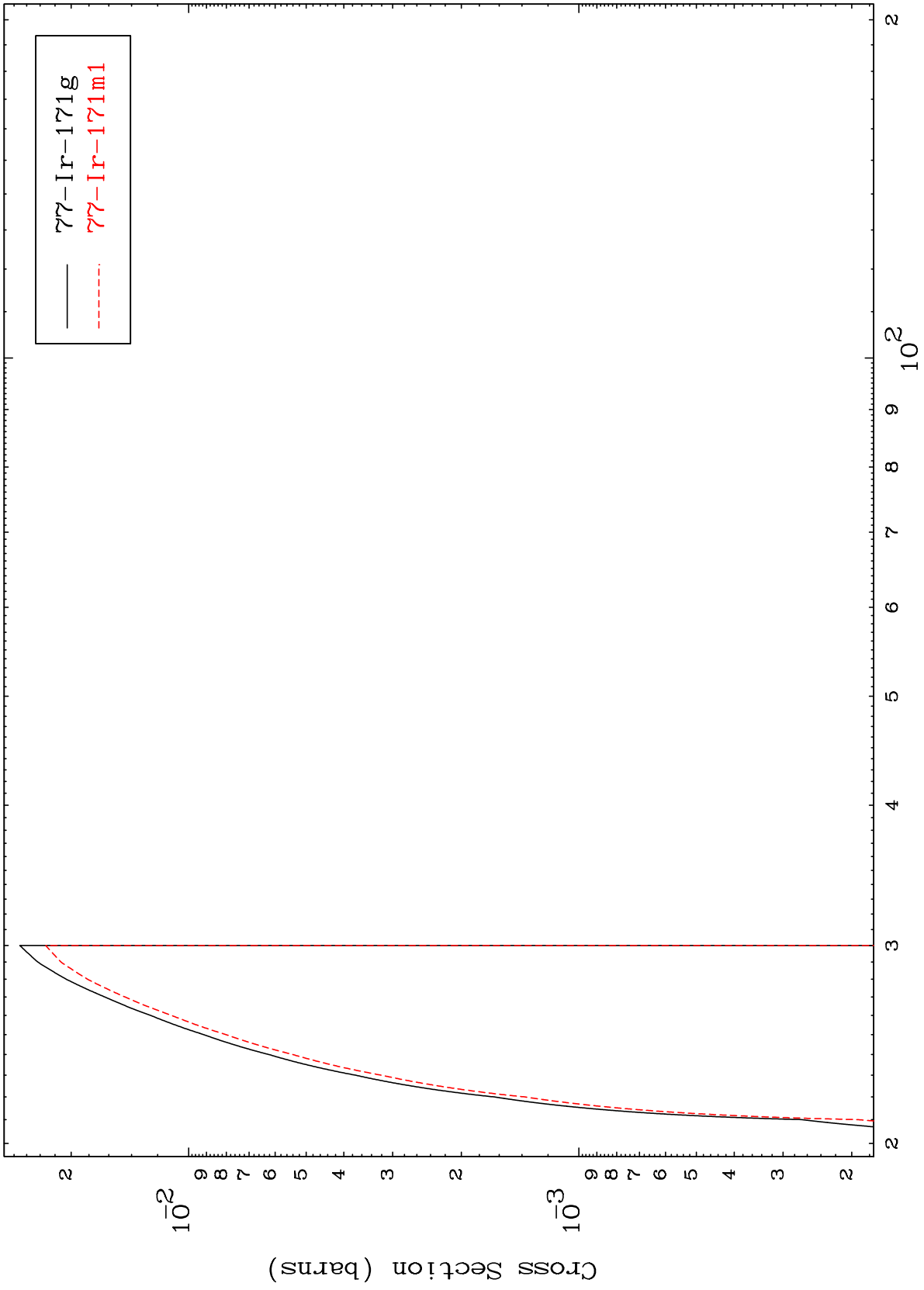
77-Ir-173

MAT 7671

(n,3n)

⁷⁷Ir-173

Radionuclide Production Cross Section



135

Incident Energy (MeV)

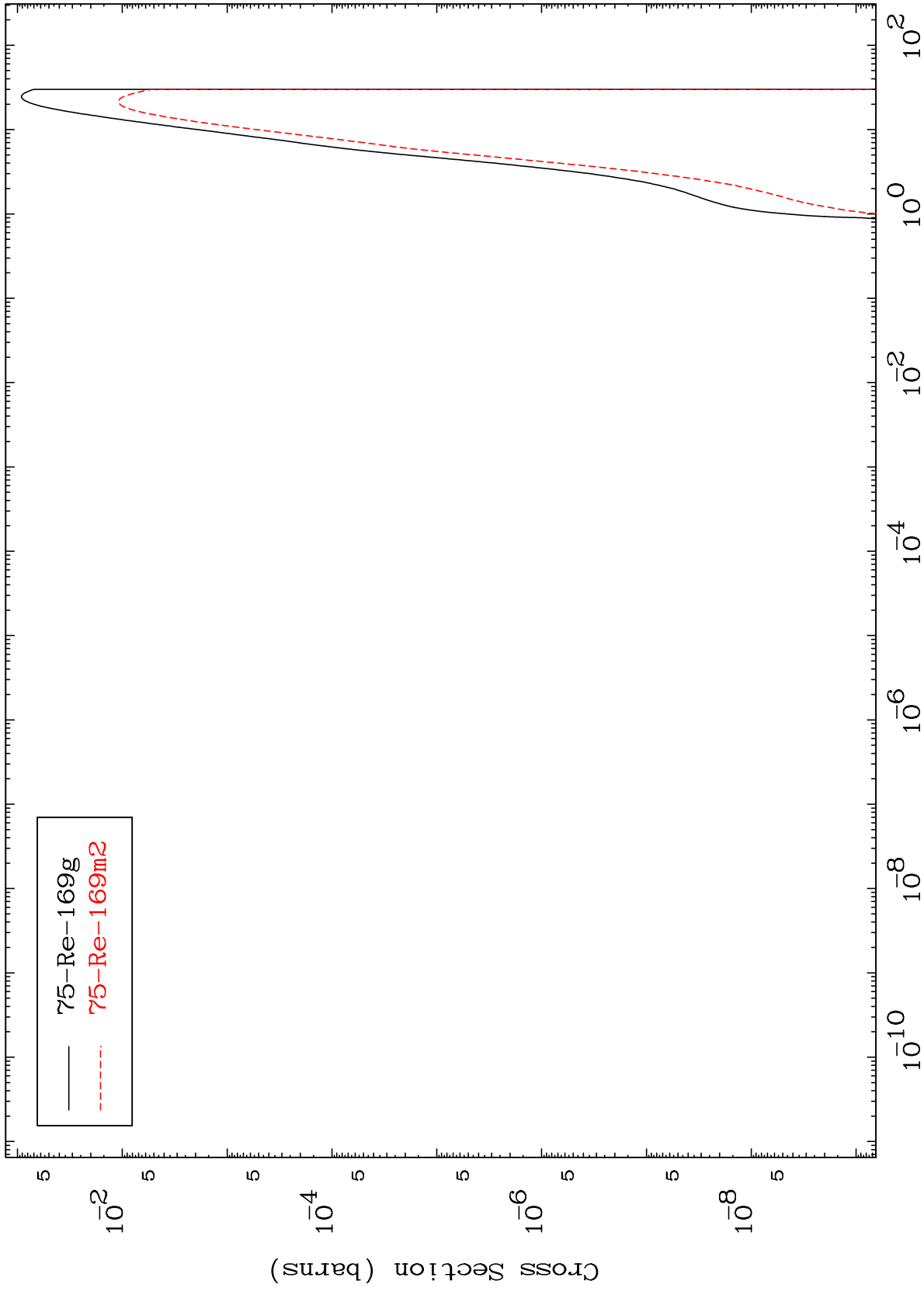
⁷⁷Ir-173

MAT 7671

(n, n') α

77-Ir-173

Radionuclide Production Cross Section



136

Incident Energy (MeV)

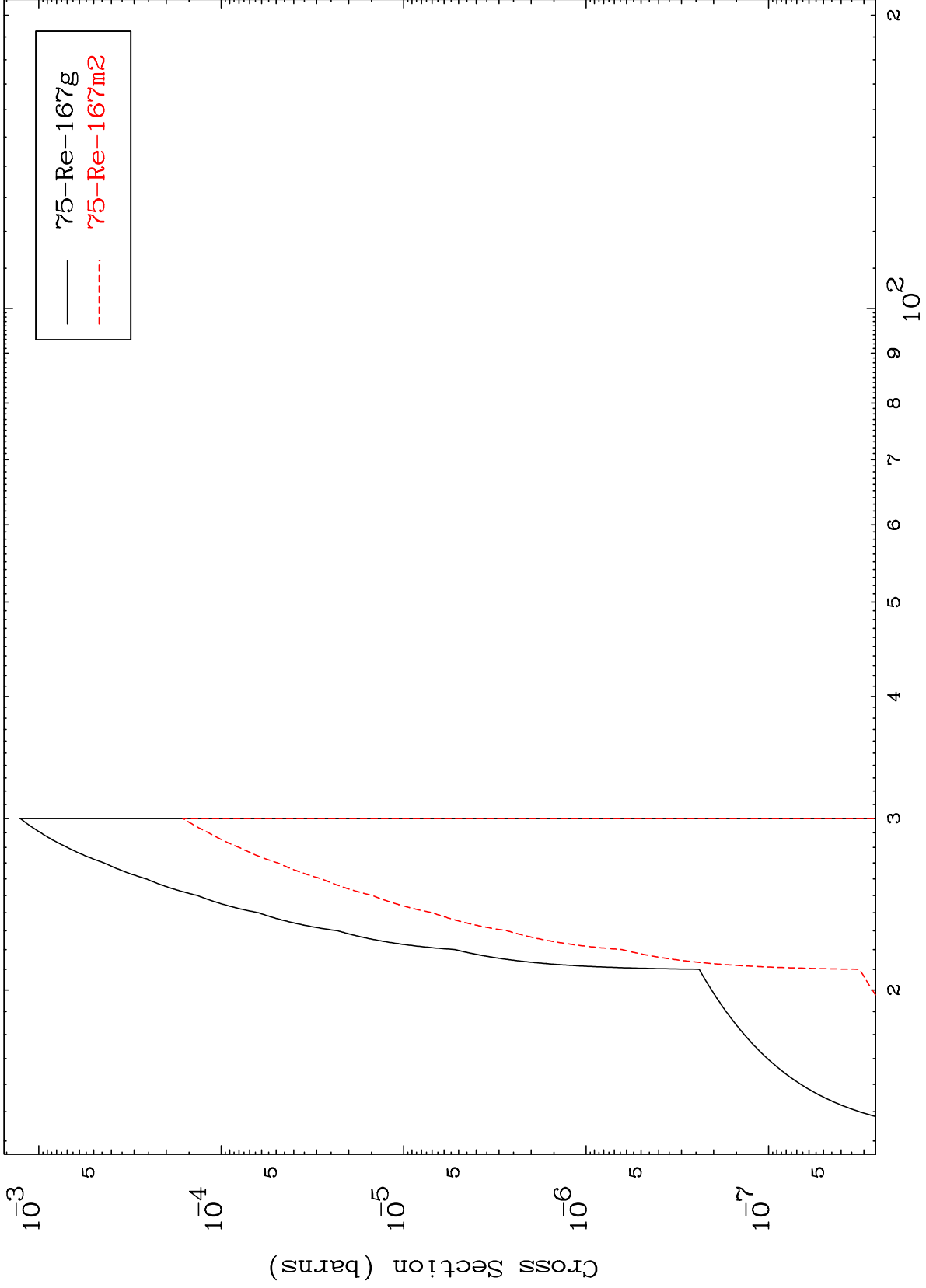
77-Ir-173

MAT 7671

(n,3n) α

77-Ir-173

Radionuclide Production Cross Section



137

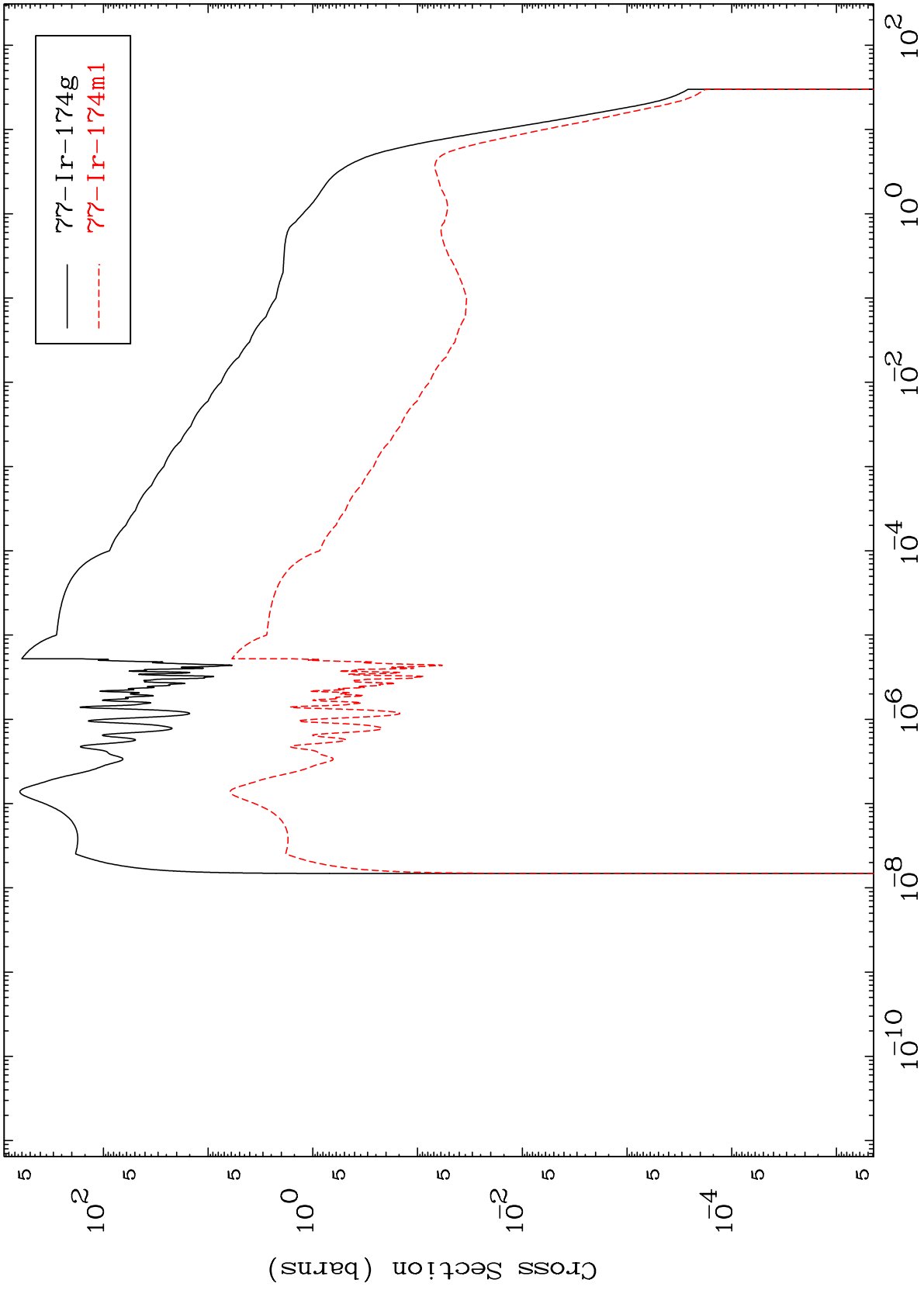
Incident Energy (MeV)

77-Ir-173

MAT 7671

77-Ir-173

(n,γ)
Radionuclide Production Cross Section



138

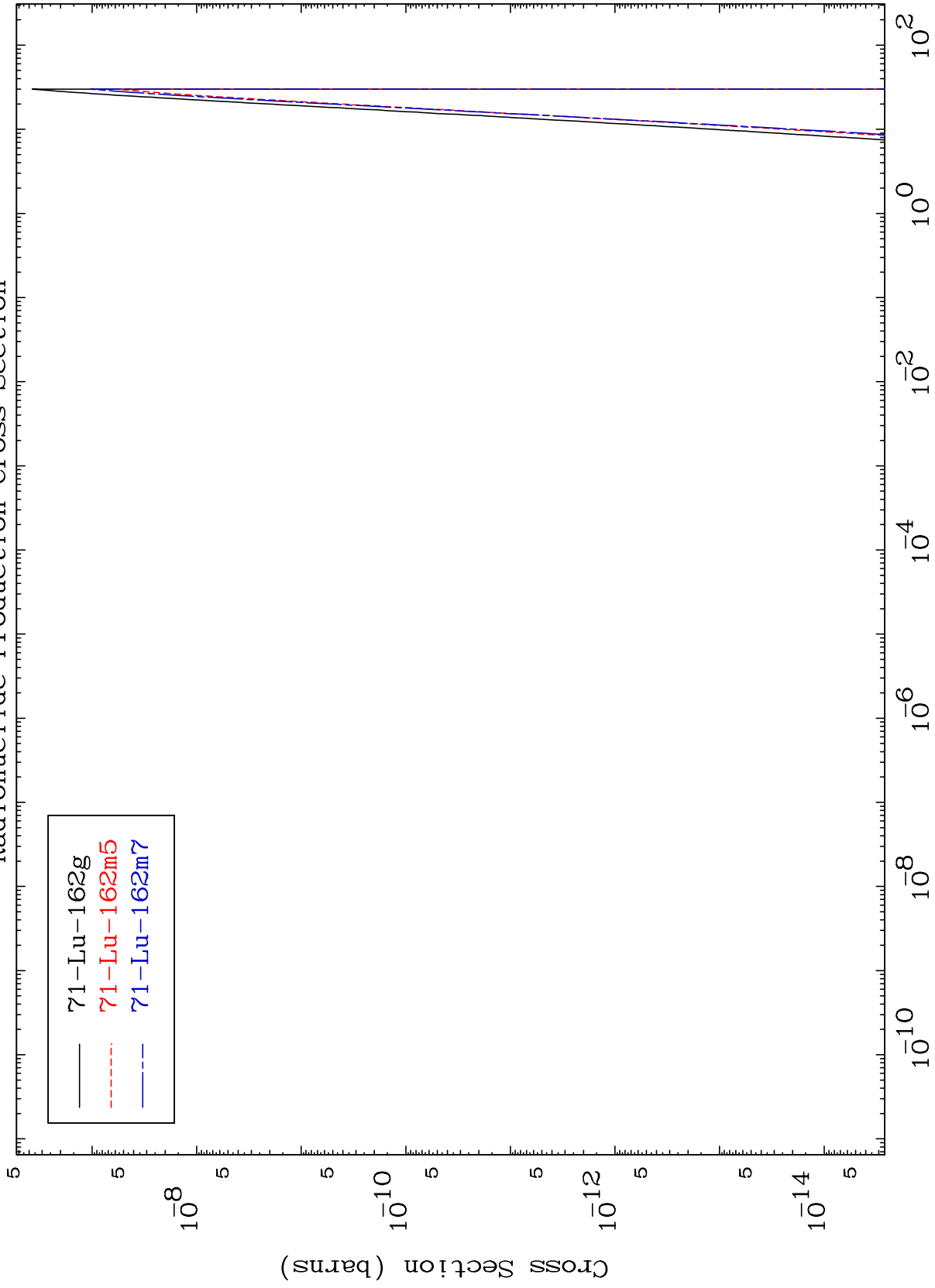
77-Ir-173

MAT 7671

(n,3α)

77-Ir-173

Radionuclide Production Cross Section



139

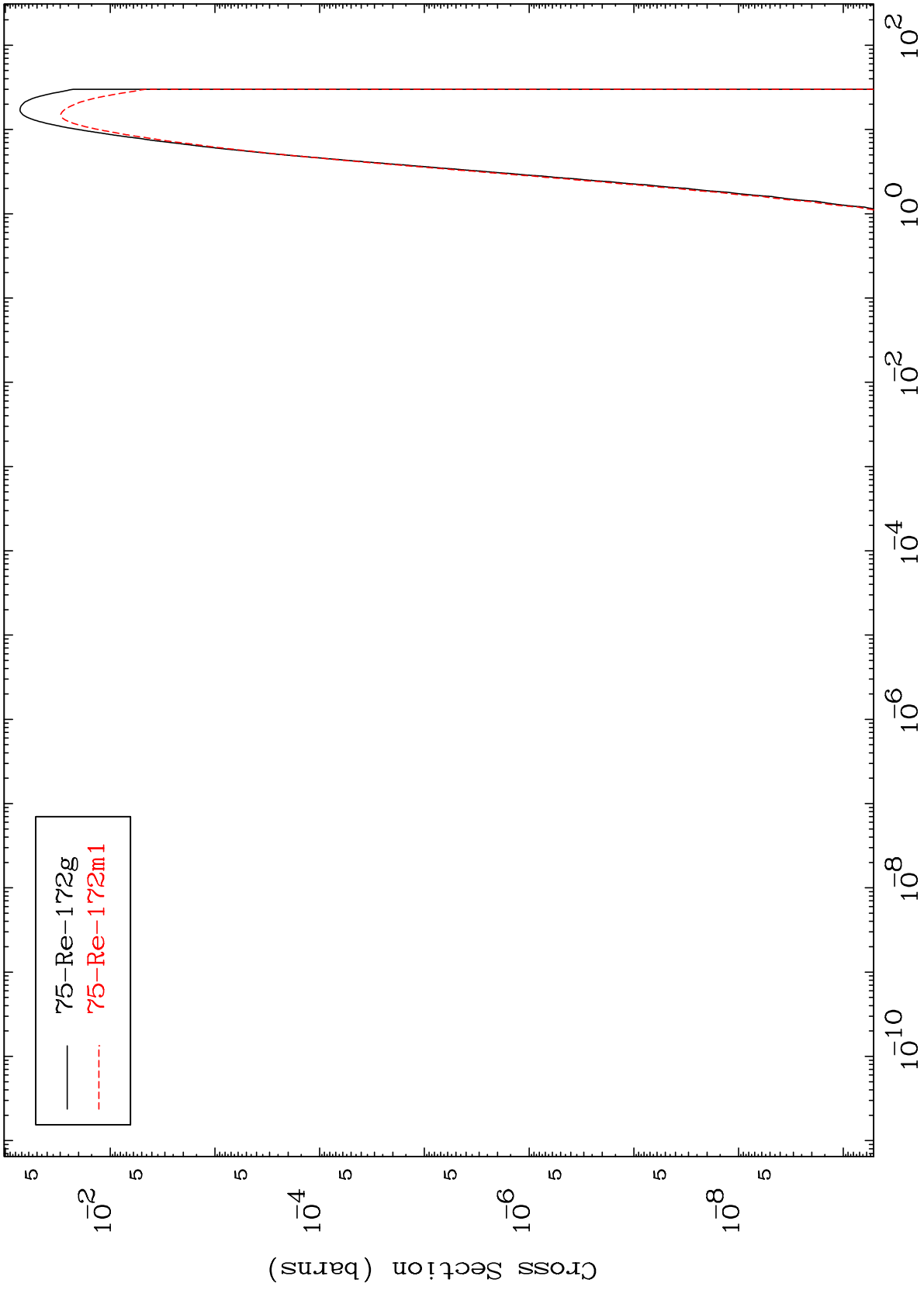
Incident Energy (MeV)

77-Ir-173

MAT 7671

(n,2p)
Radionuclide Production Cross Section

⁷⁷Ir-173



140

Incident Energy (MeV)

⁷⁷Ir-173