

Program EVALPLOT
(Version 2018-1)

by

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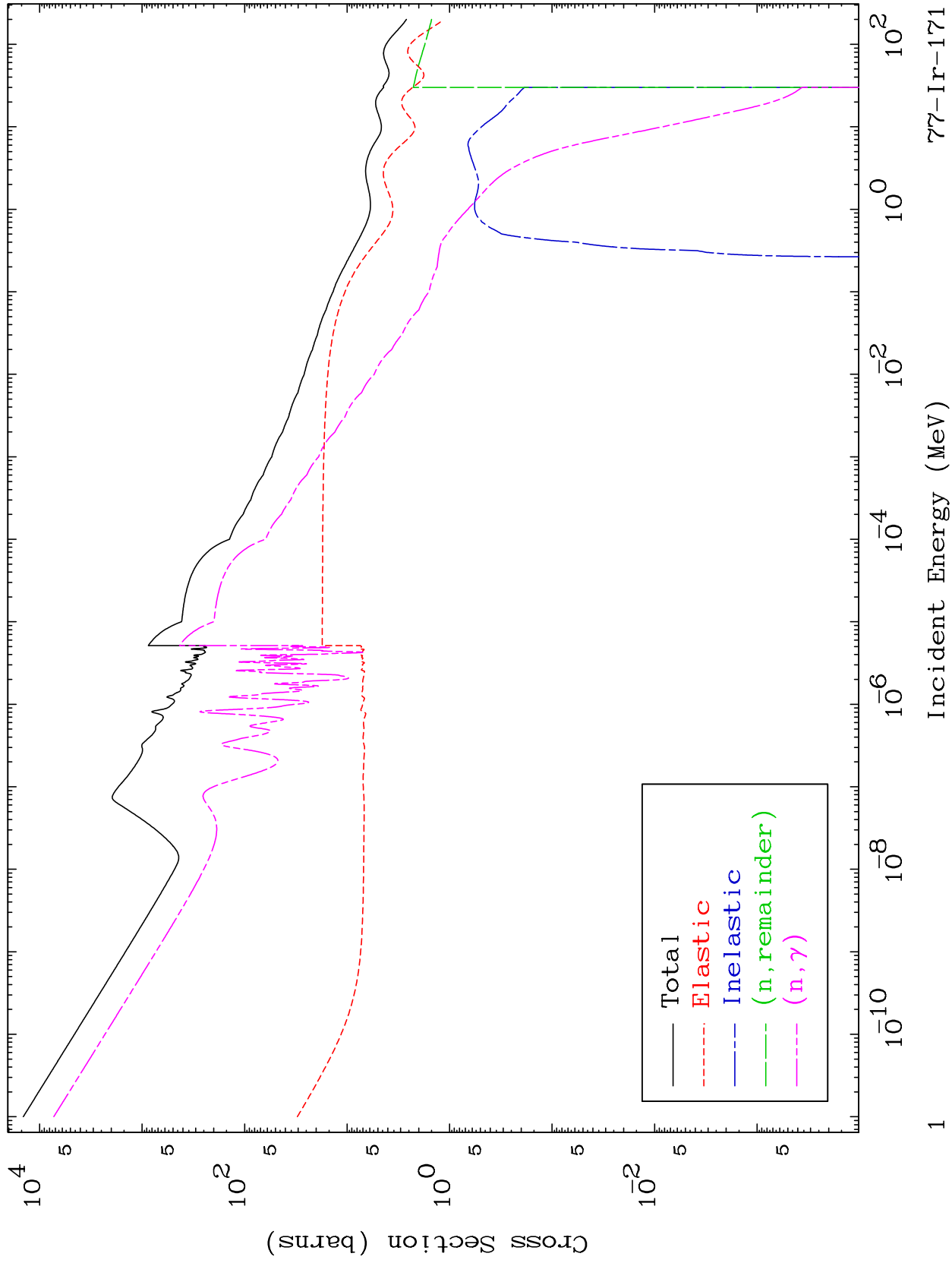
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7665

Major
293 Kelvin Cross Sections

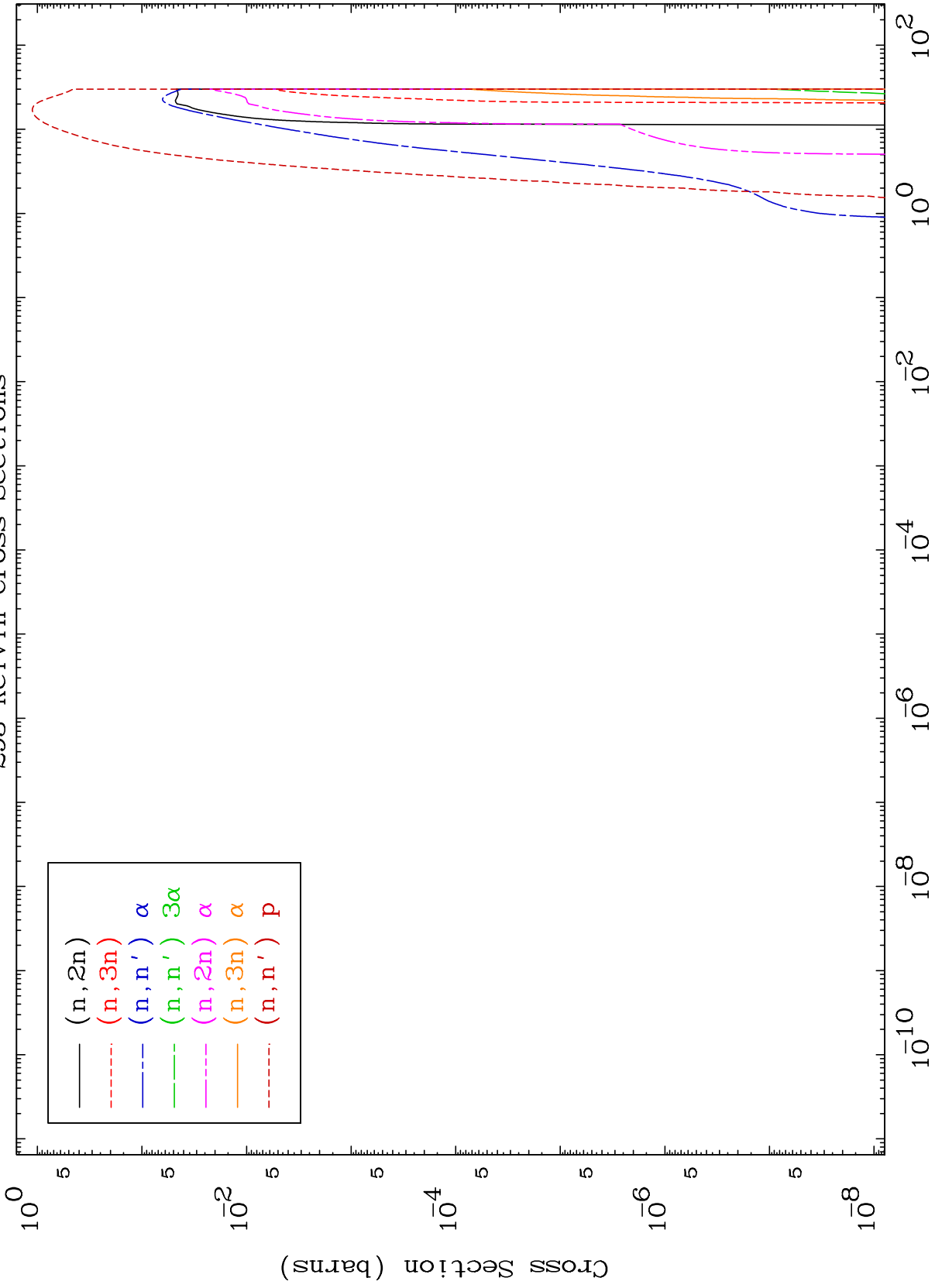
77-Ir-171



MAT 7665

Neutron Production
293 Kelvin Cross Sections

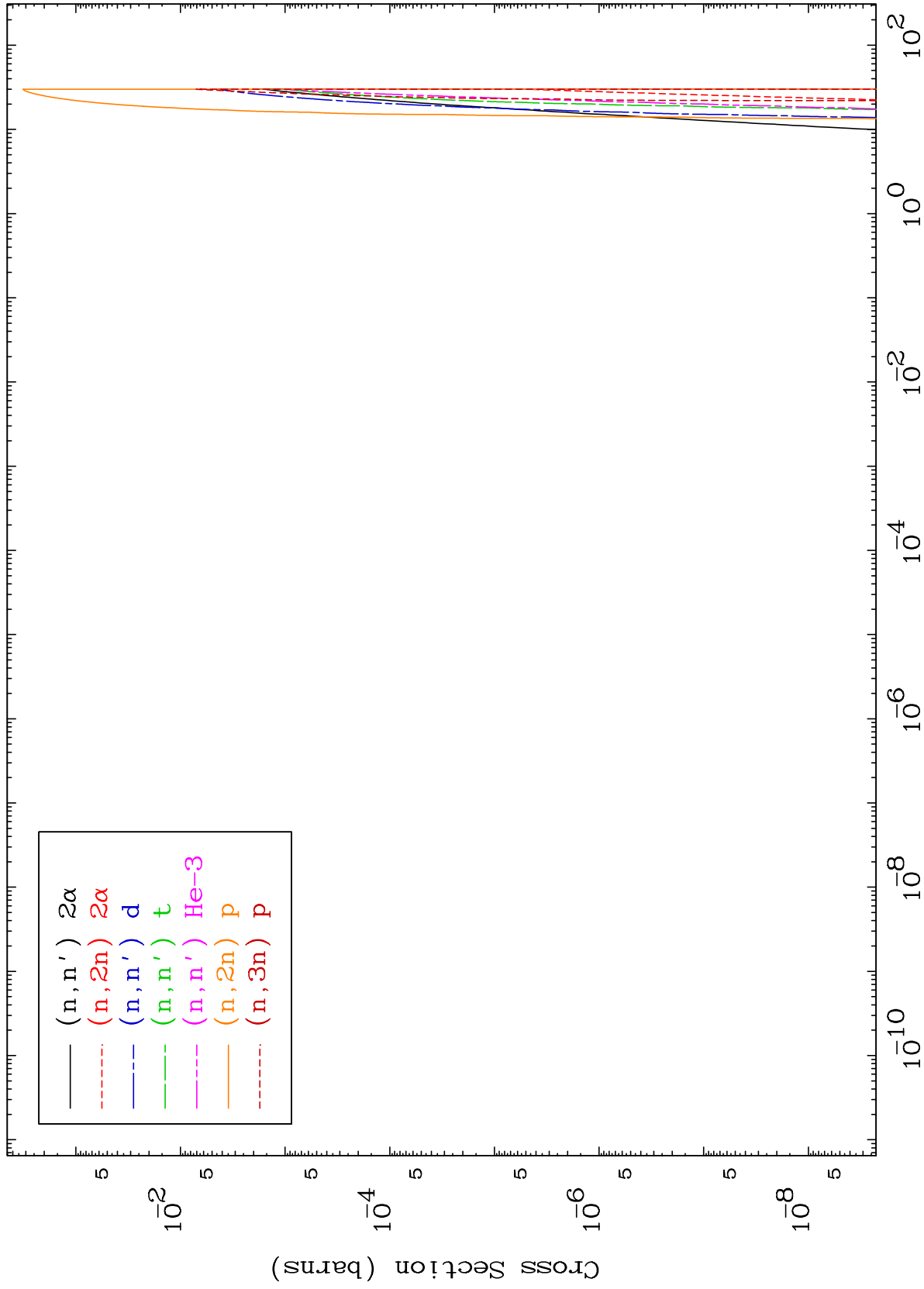
77-Ir-171



MAT 7665

Neutron Production
293 Kelvin Cross Sections

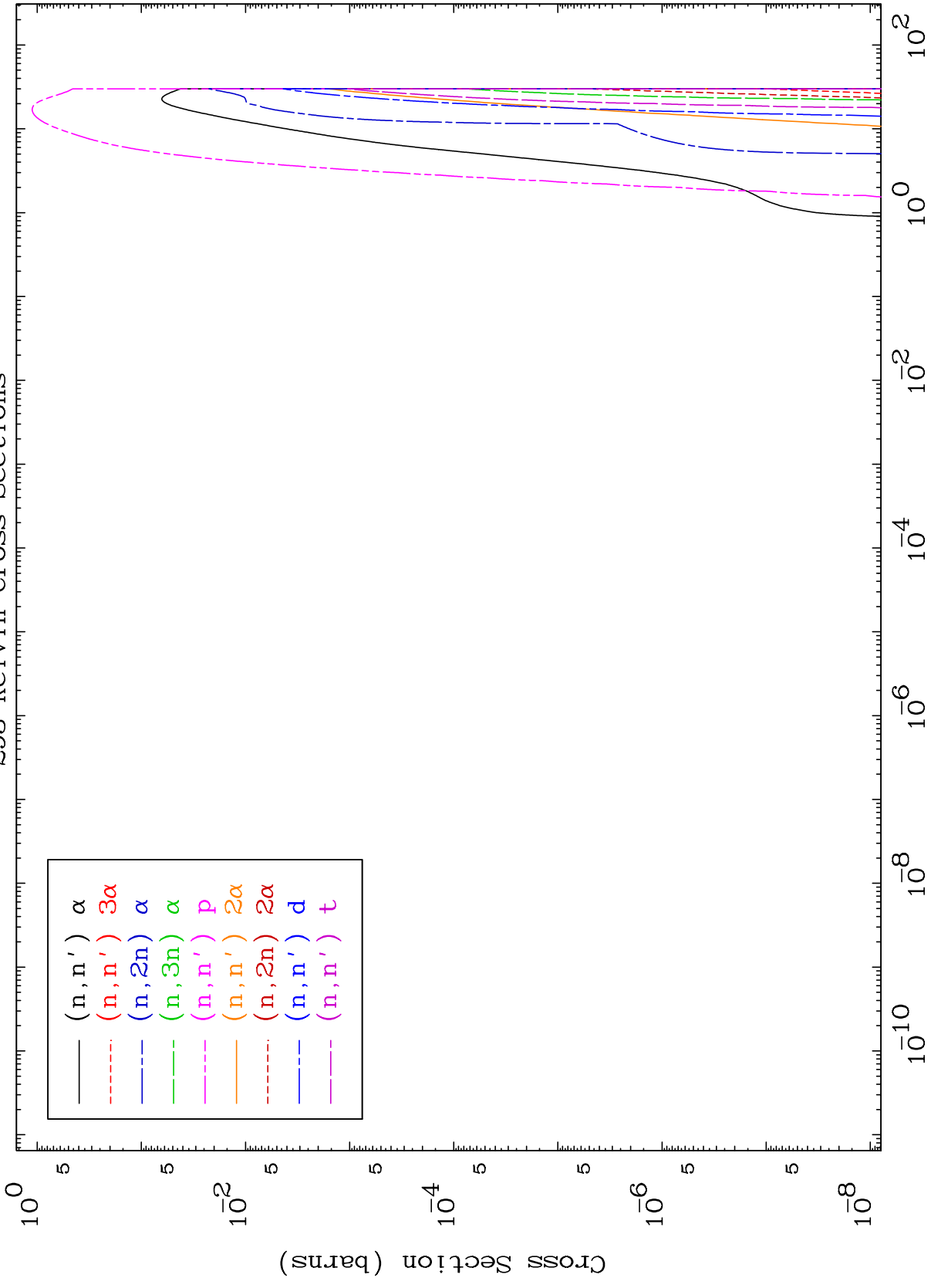
77-Ir-171

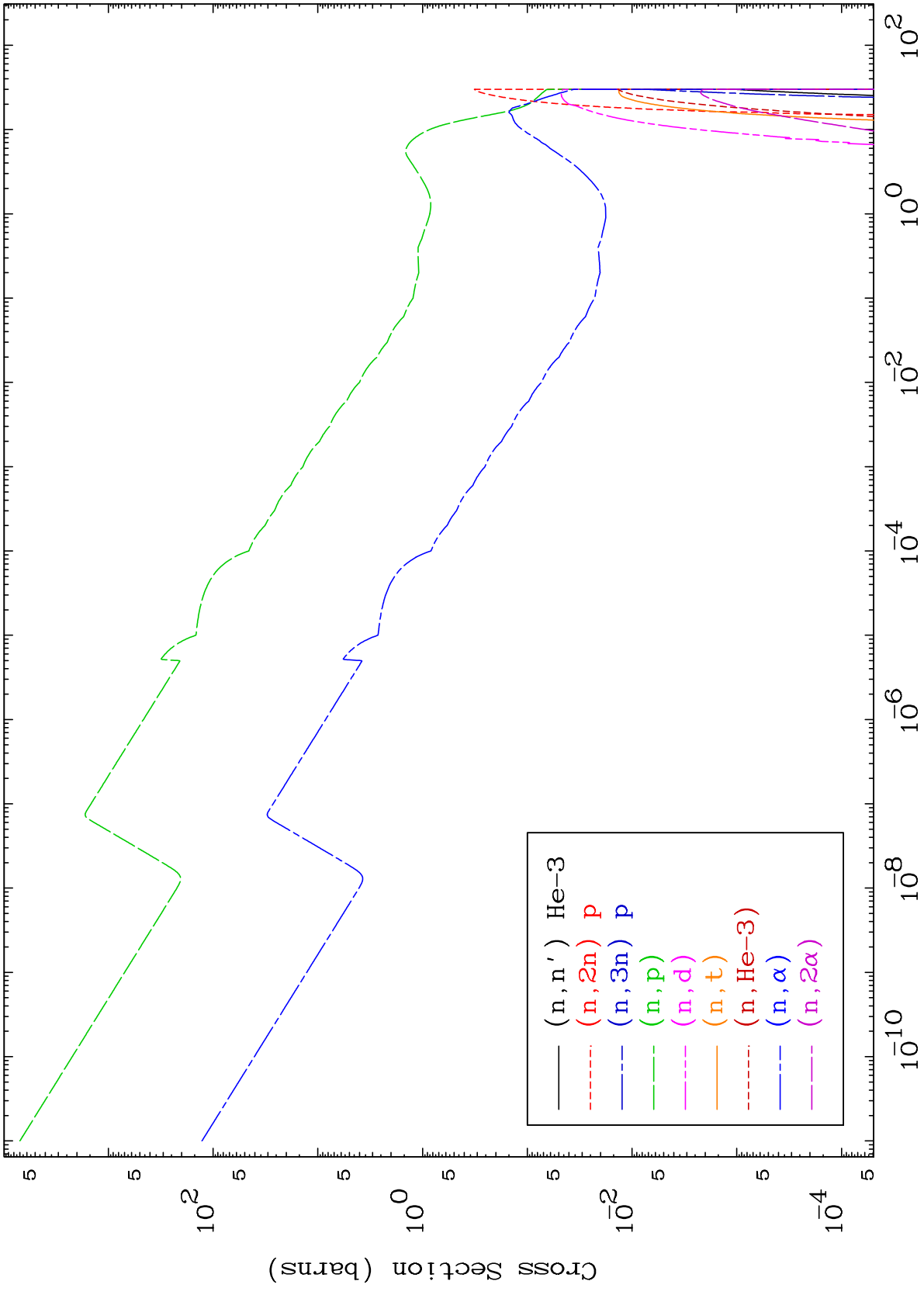


MAT 7665

293 Kelvin Cross Sections

77-Ir-171

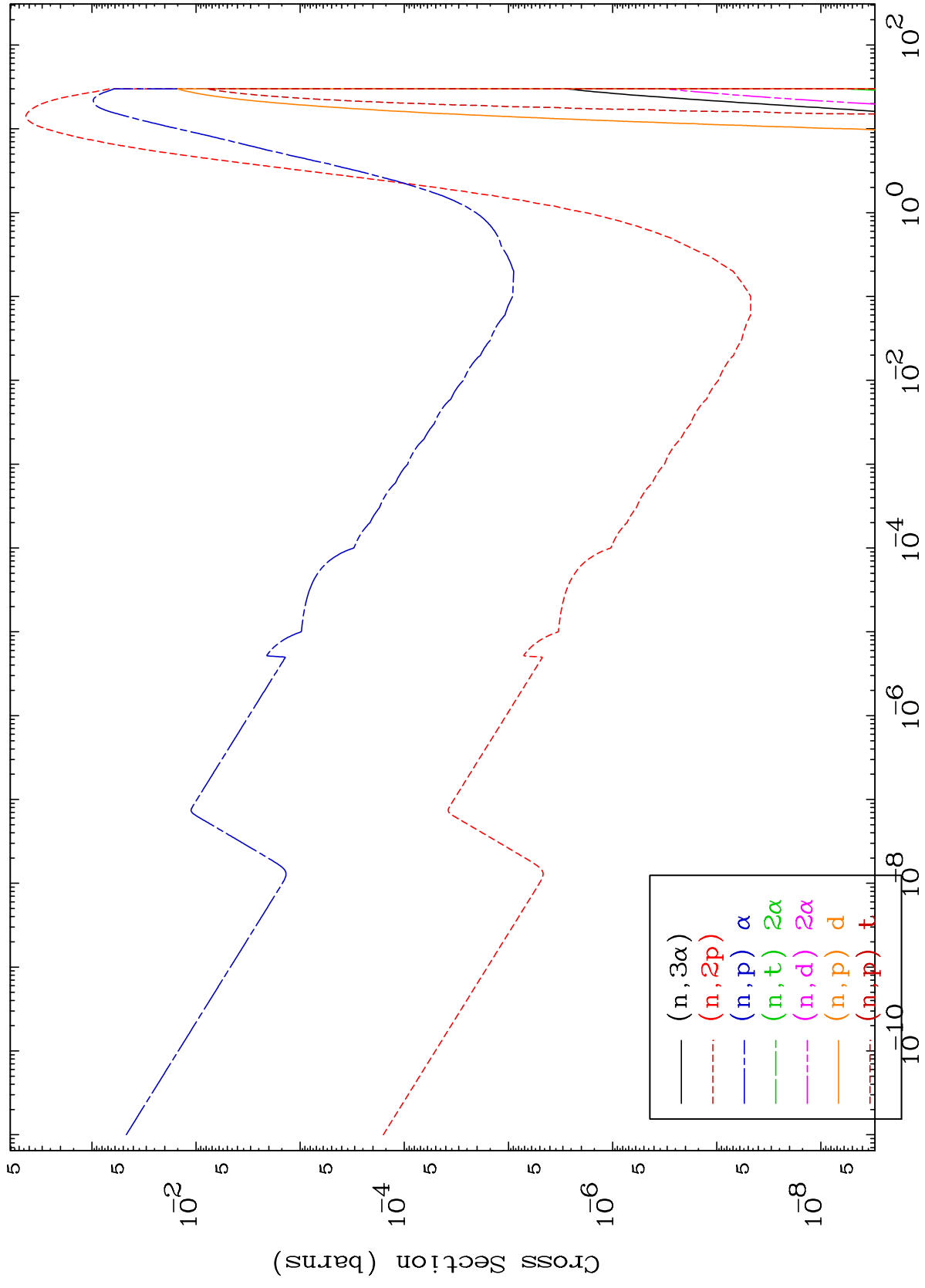


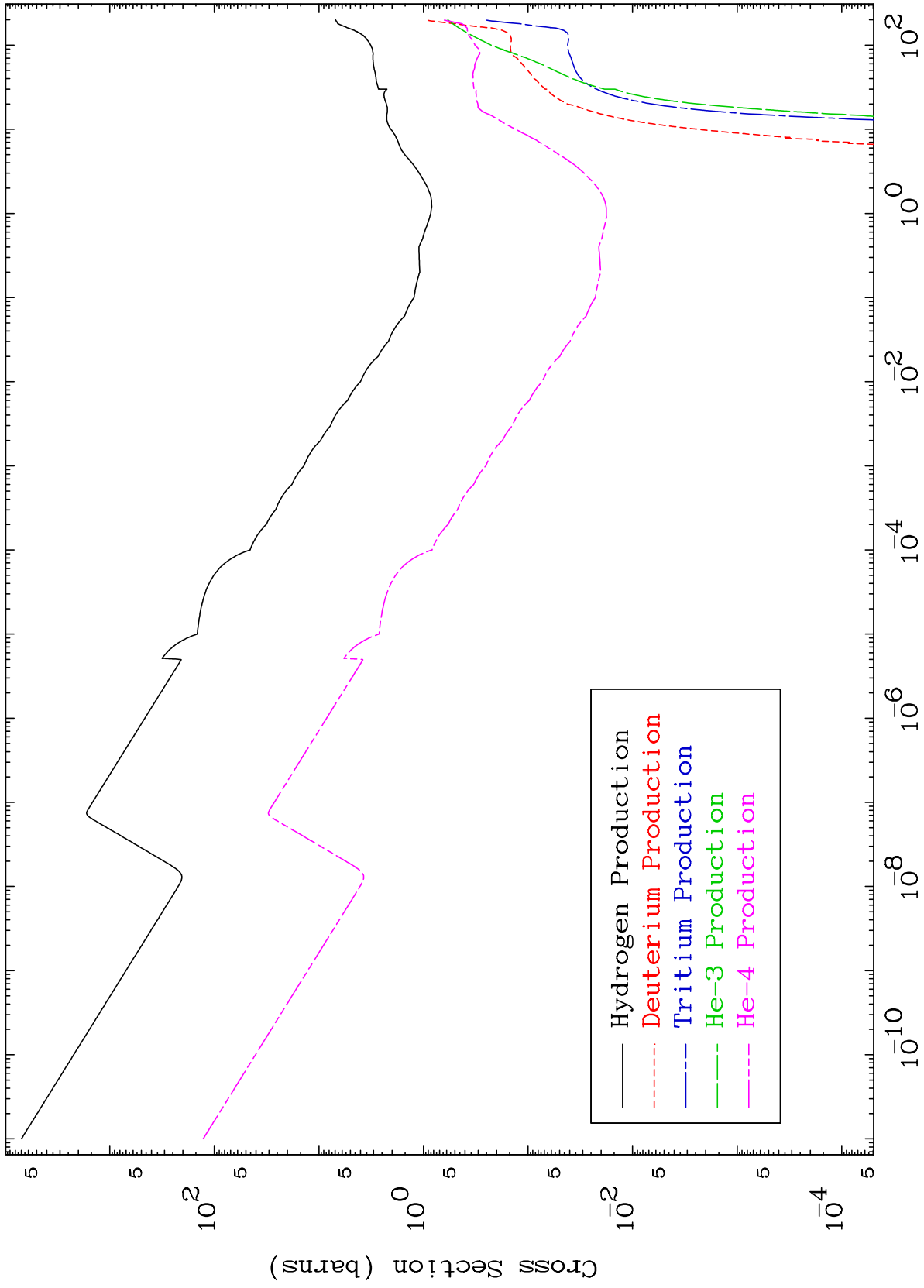


MAT 7665

293 Kelvin Cross Sections

77-Ir-171



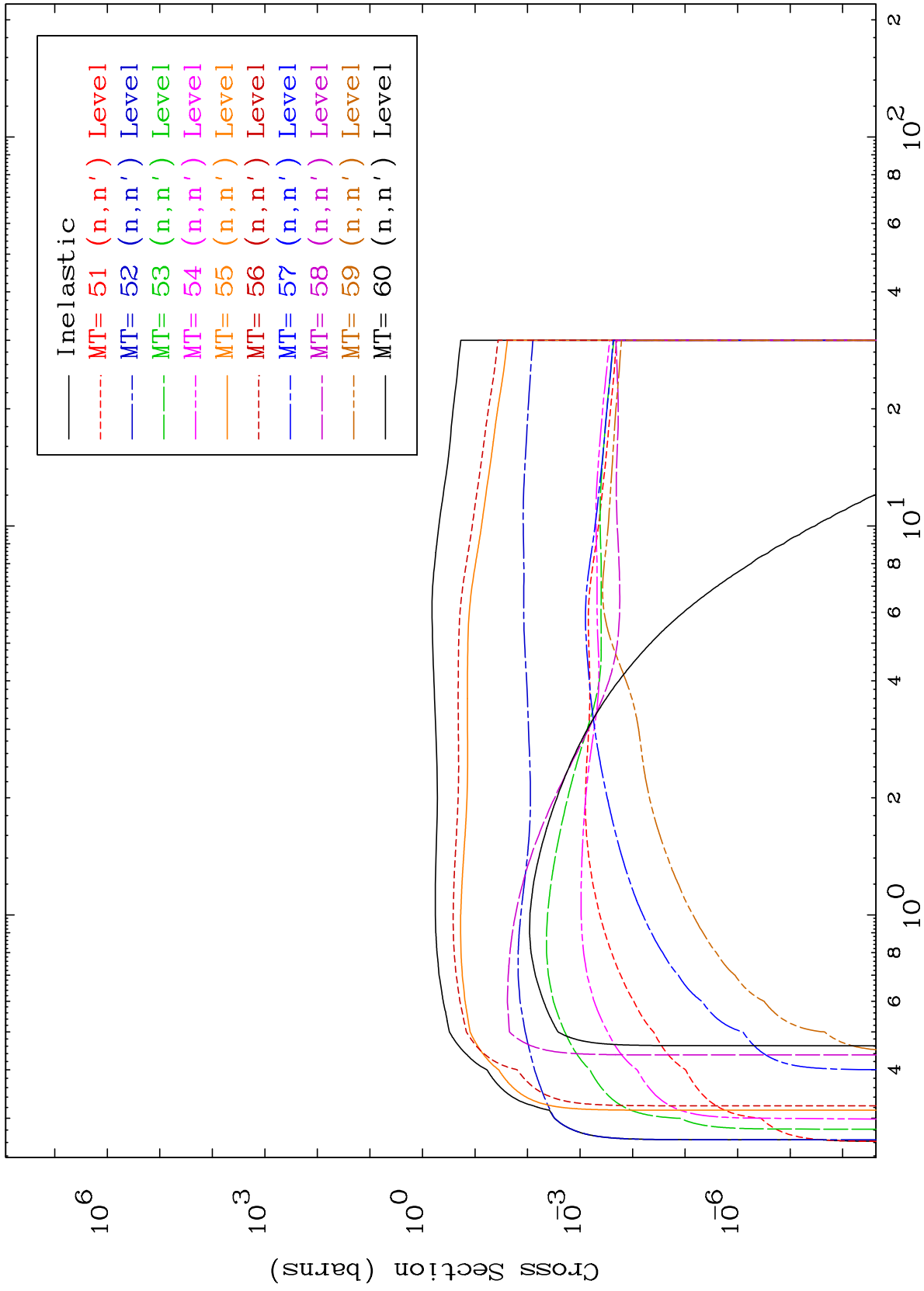


MAT 7665

(n,n') Level

77-Ir-171

293 Kelvin Cross Sections

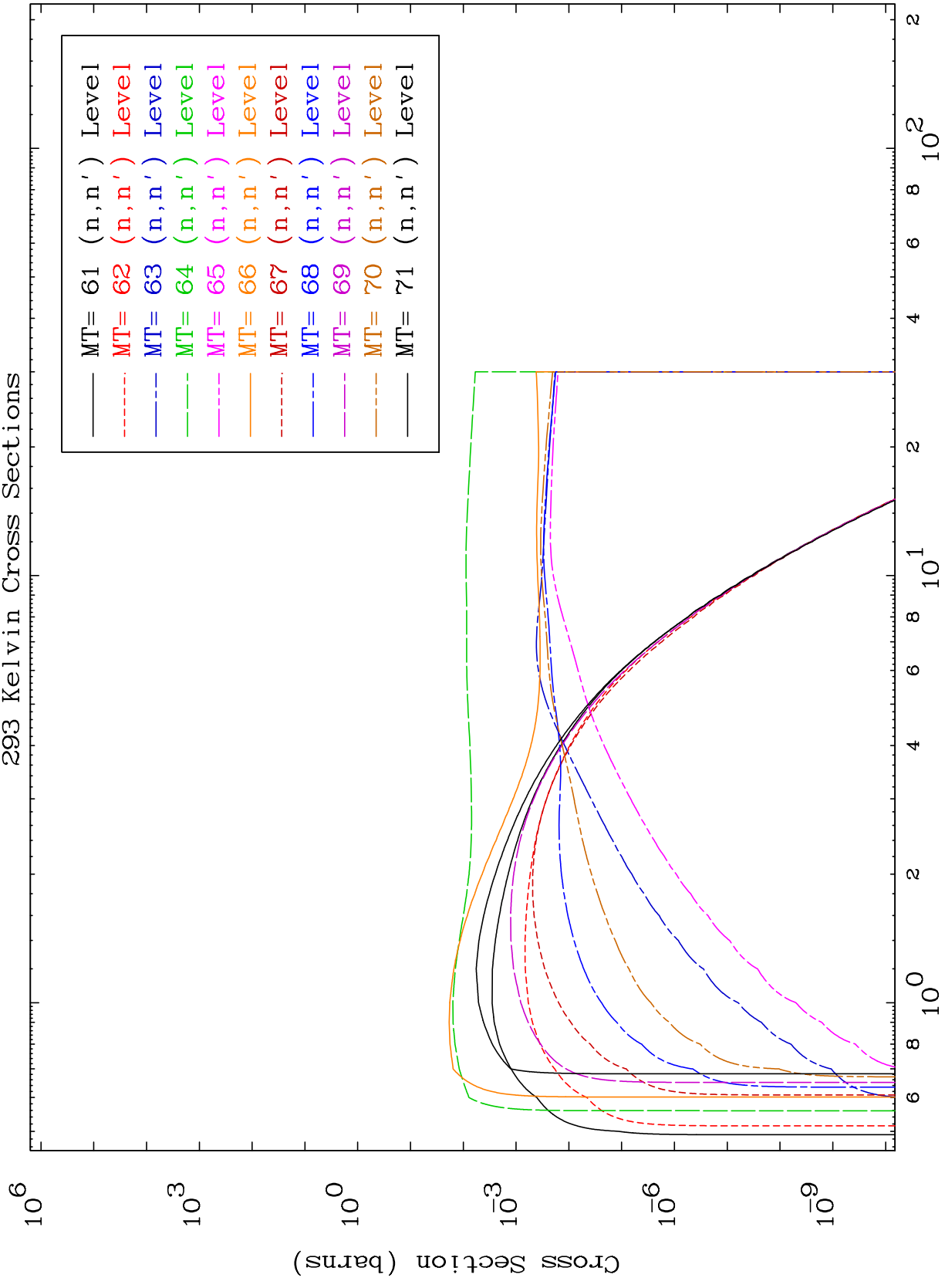


MAT 7665

(n,n') Level

77-Ir-171

293 Kelvin Cross Sections



9

Incident Energy (MeV)

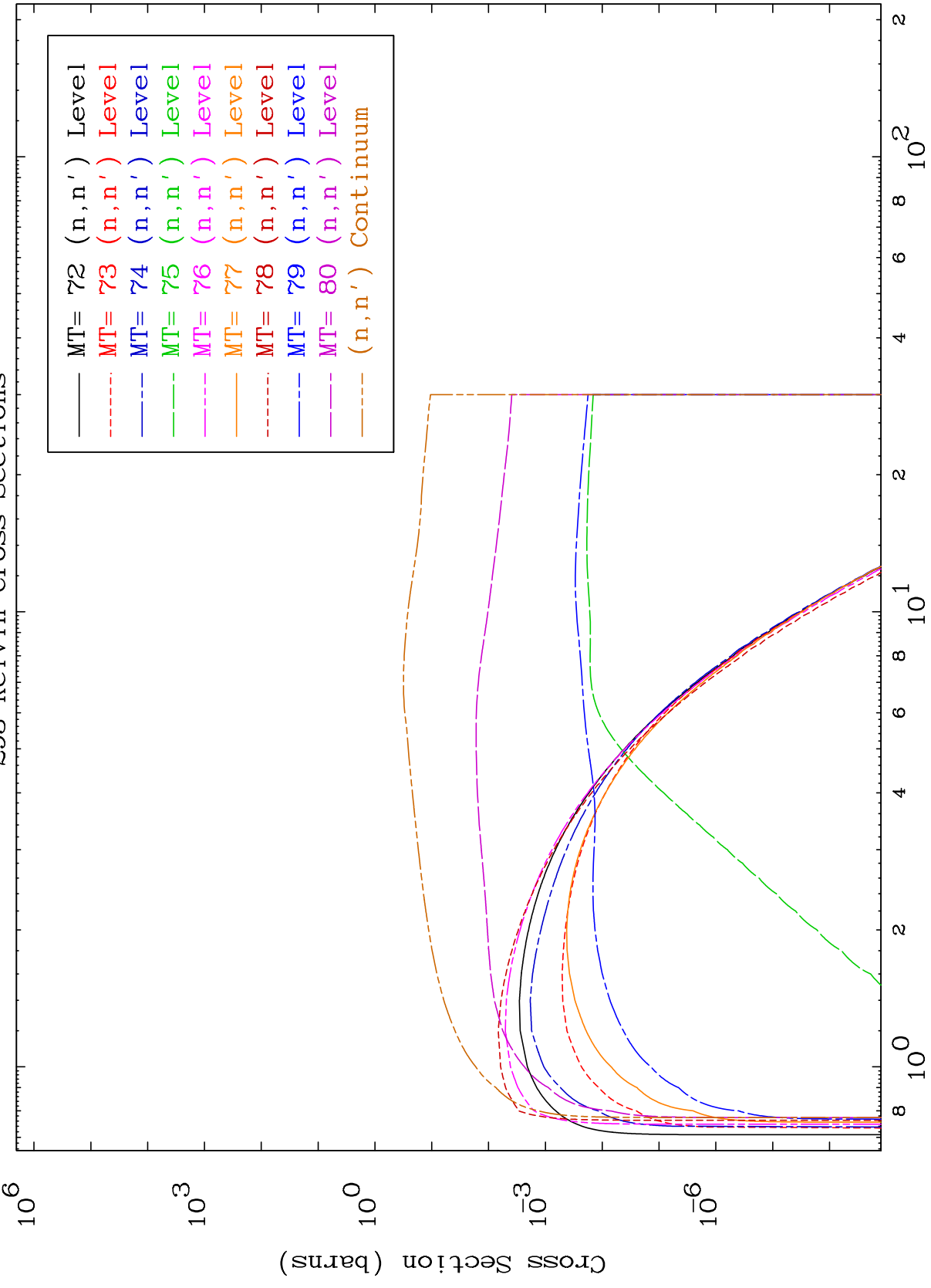
77-Ir-171

MAT 7665

(n,n') Level

77-Ir-171

293 Kelvin Cross Sections



77-Ir-171

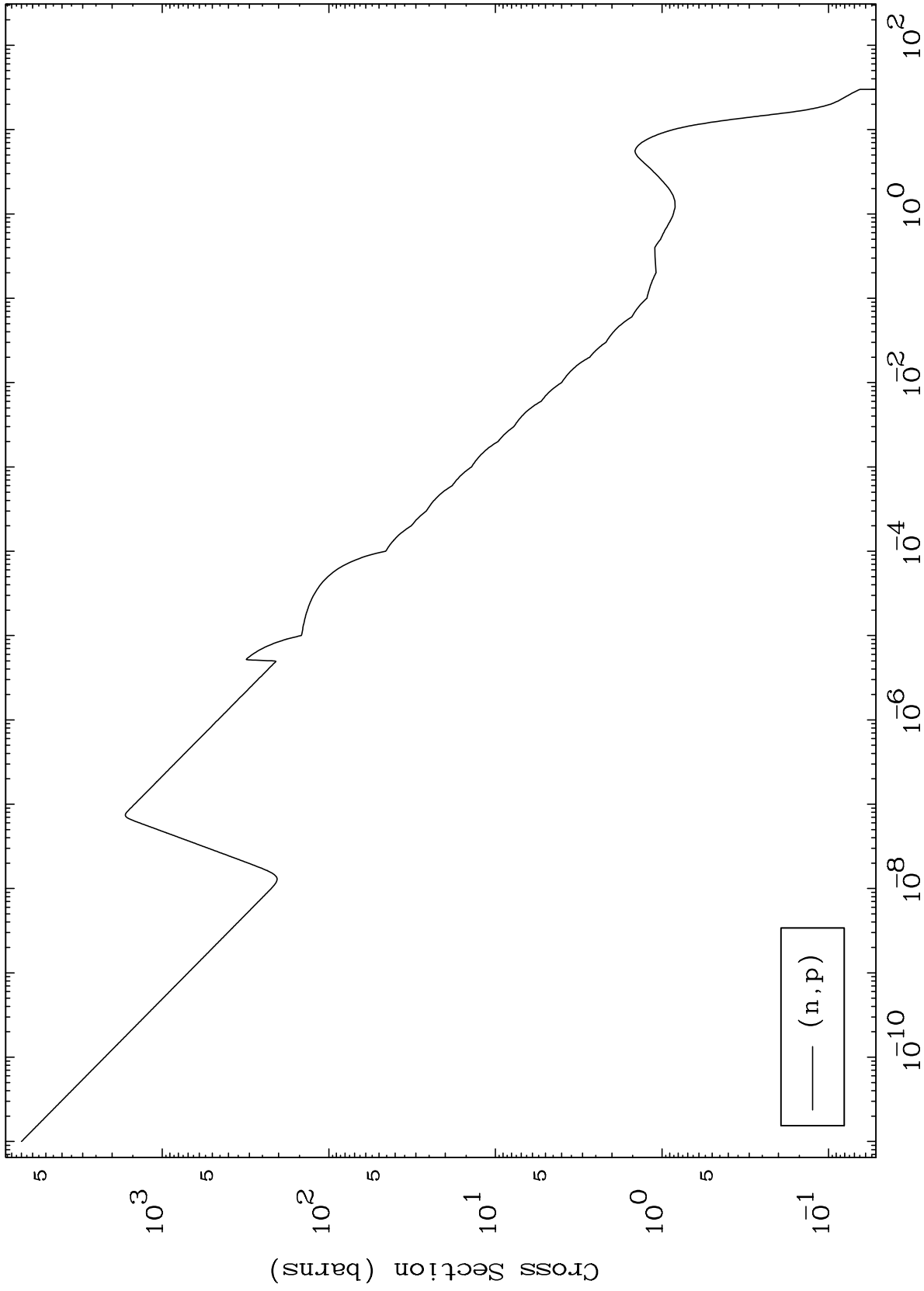
Incident Energy (MeV)

10

MAT 7665

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-171



11

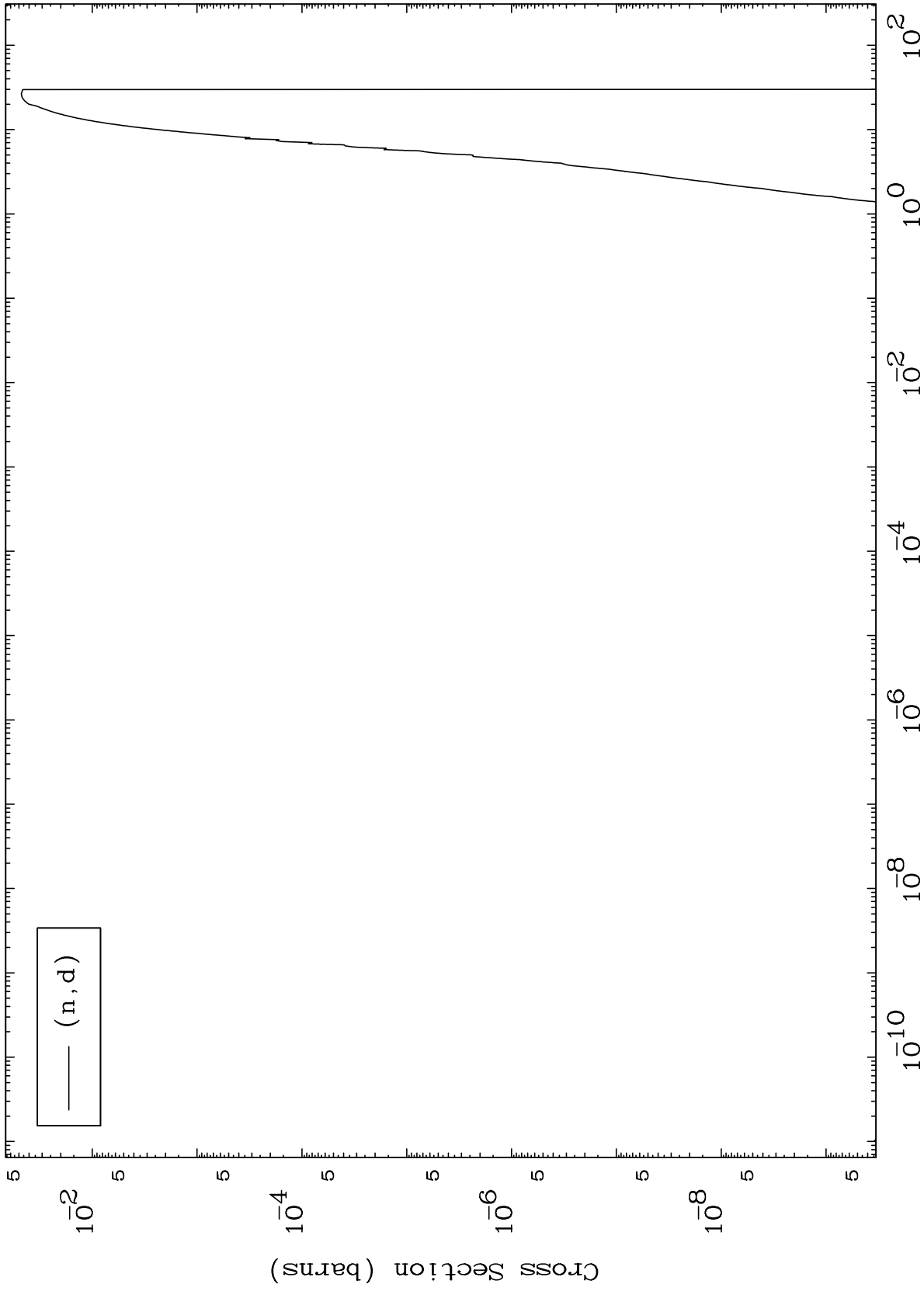
Incident Energy (MeV)

77-Ir-171

MAT 7665

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-171



12

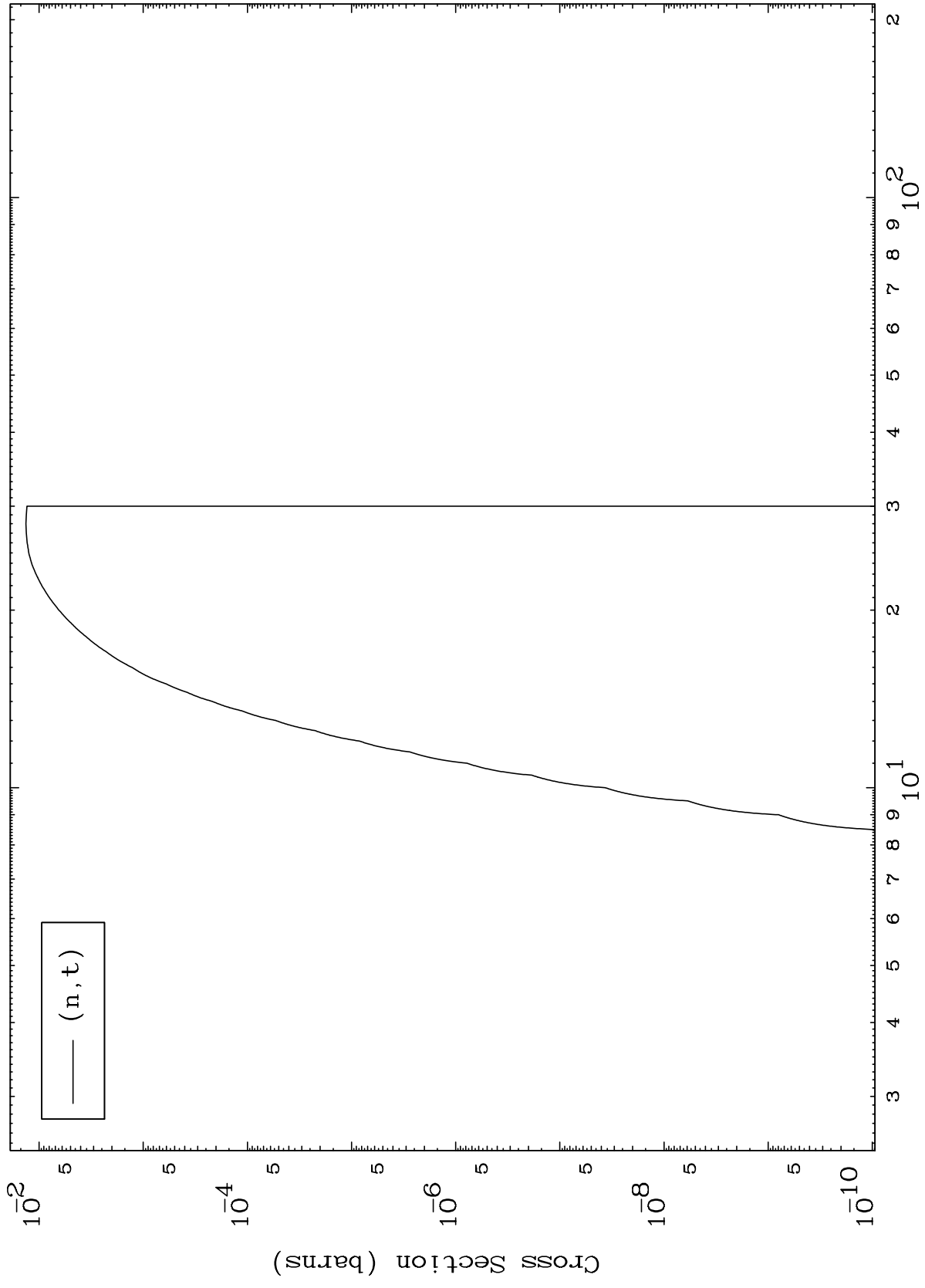
Incident Energy (MeV)

77-Ir-171

MAT 7665

(n,t) Levels
293 Kelvin Cross Sections

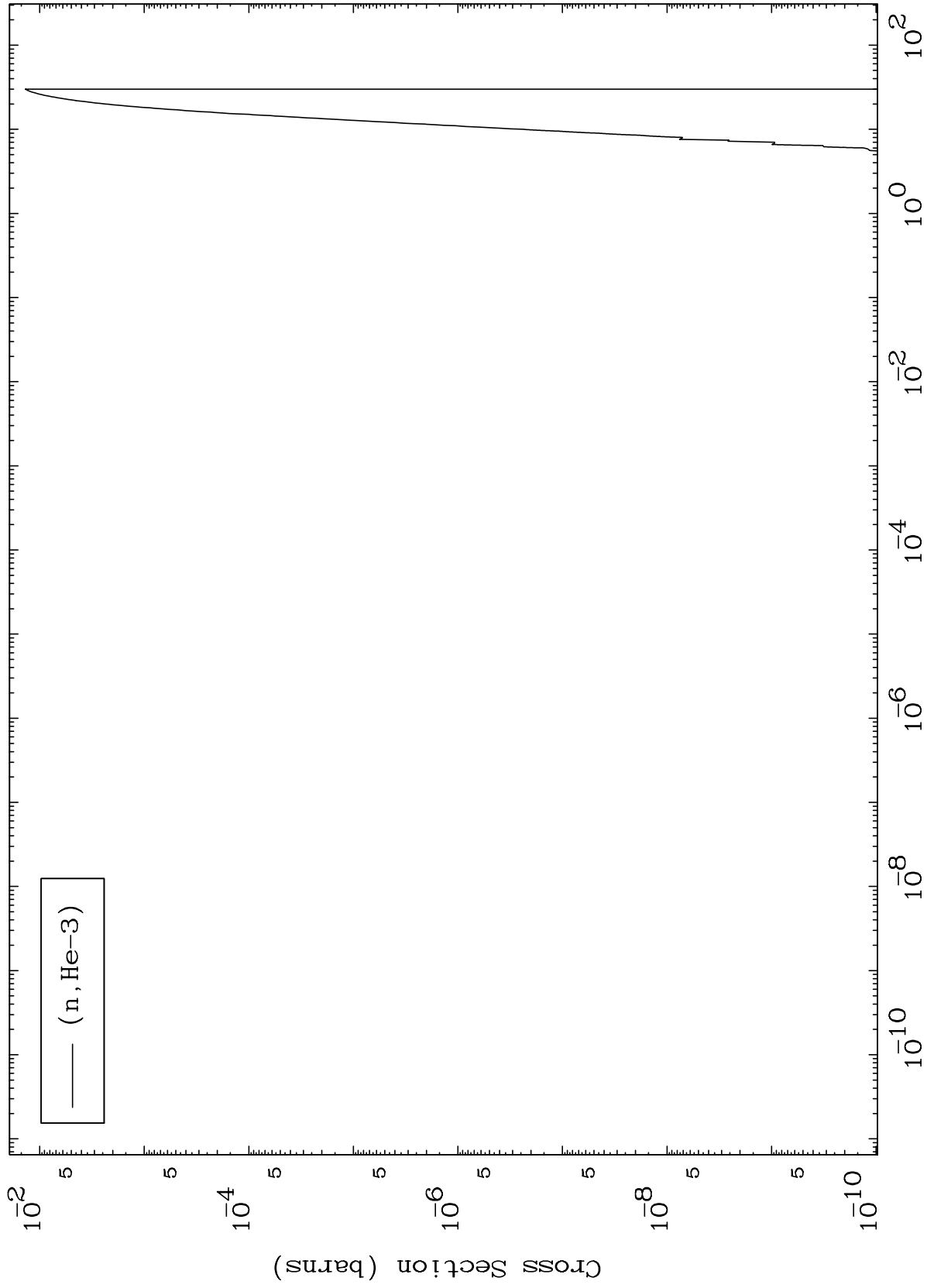
77-Ir-171



MAT 7665

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-171



14

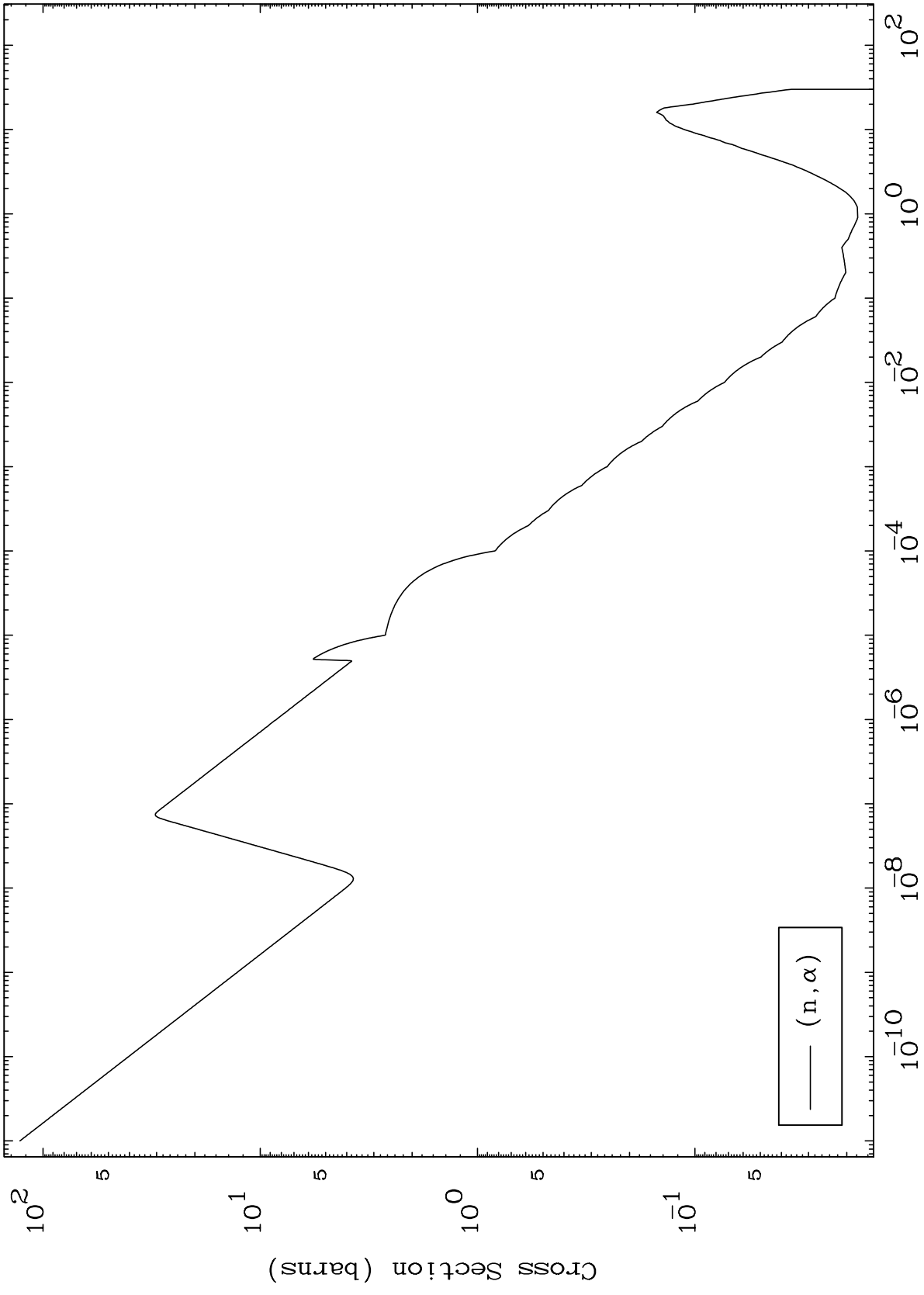
Incident Energy (MeV)

77-Ir-171

MAT 7665

(n, α) Levels
293 Kelvin Cross Sections

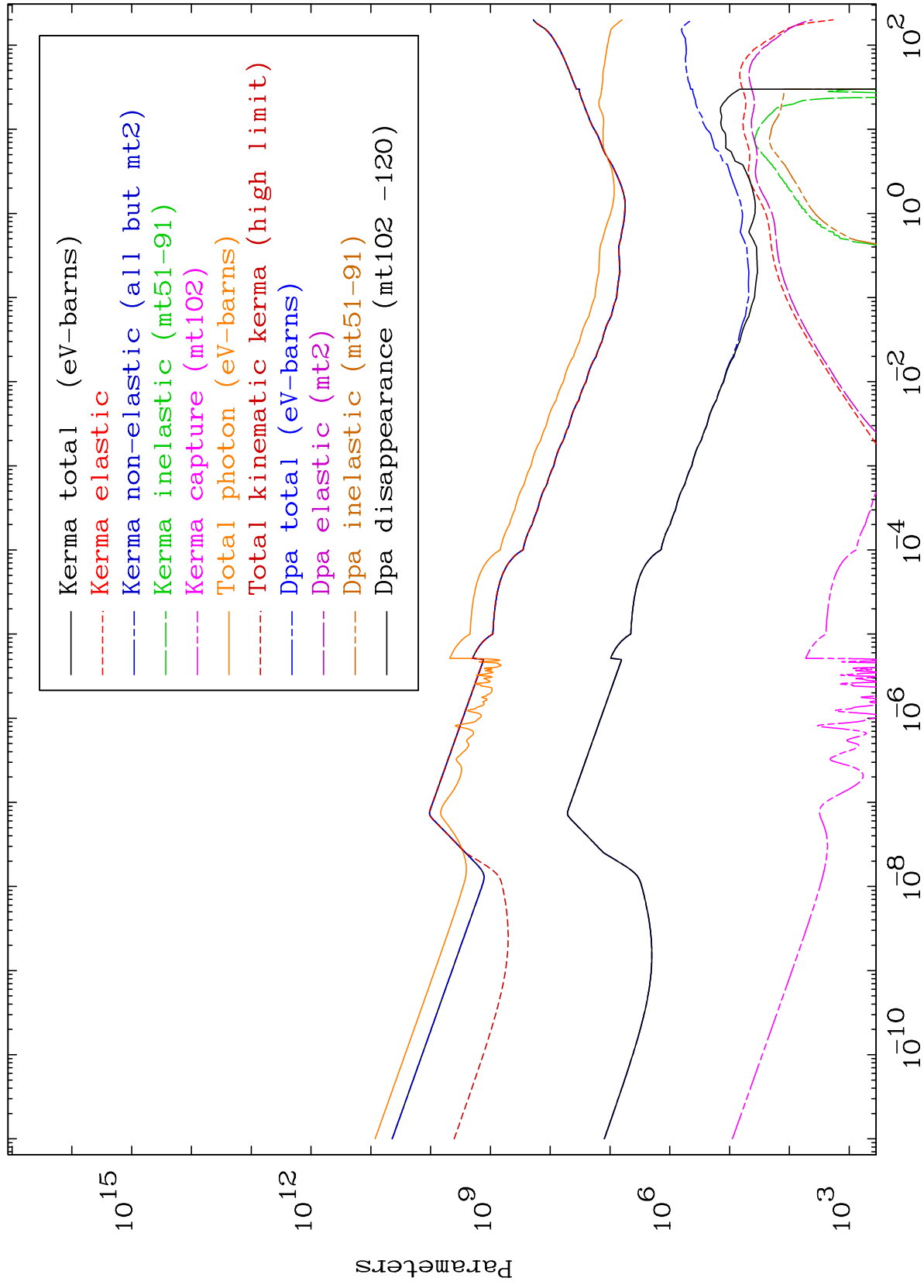
77-Ir-171



15

Incident Energy (MeV)

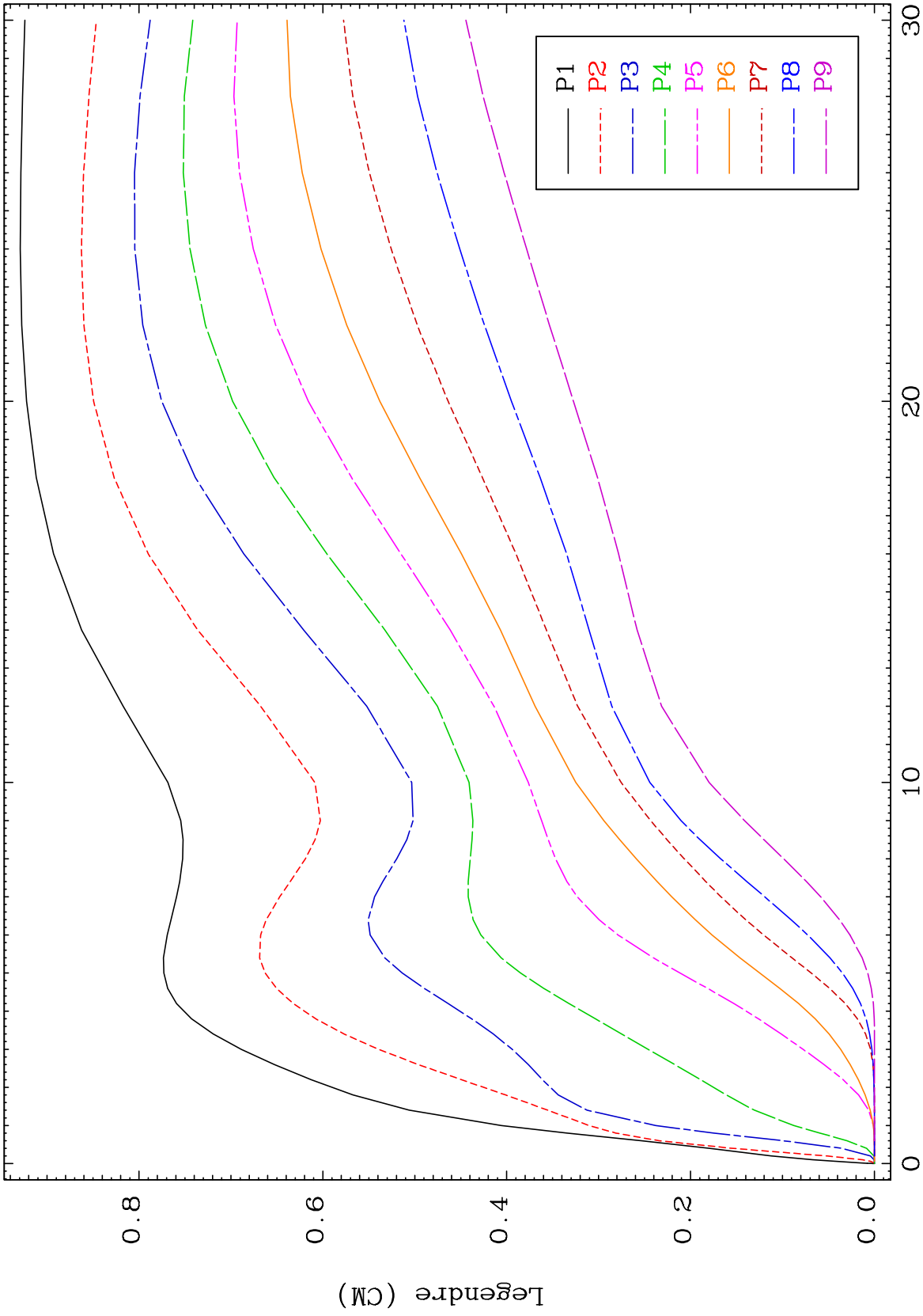
77-Ir-171



MAT 7665

Elastic Legendre Coefficients

77-Ir-171



17

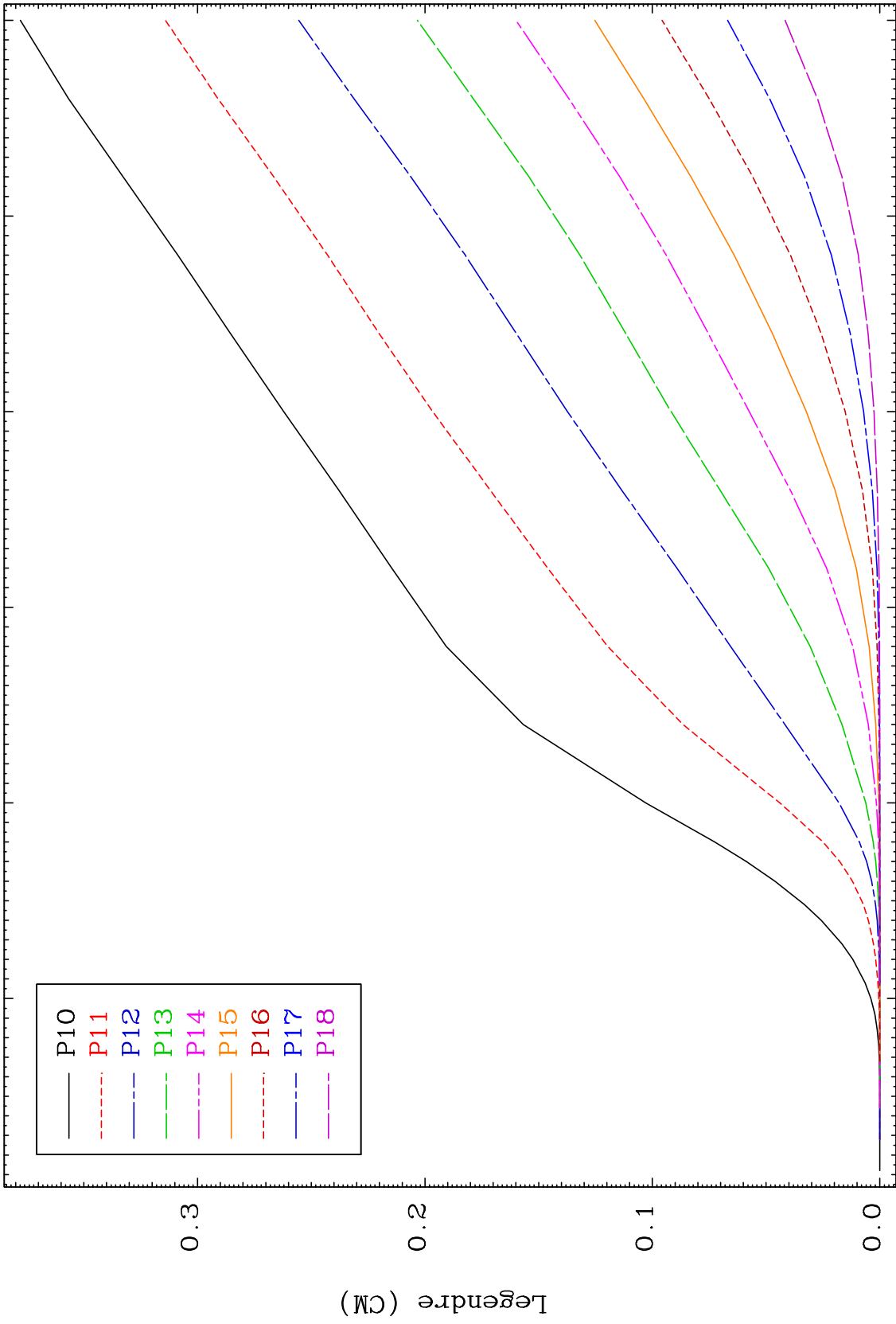
Incident Energy (MeV)

77-Ir-171

MAT 7665

Elastic Legendre Coefficients

77-Ir-171



18

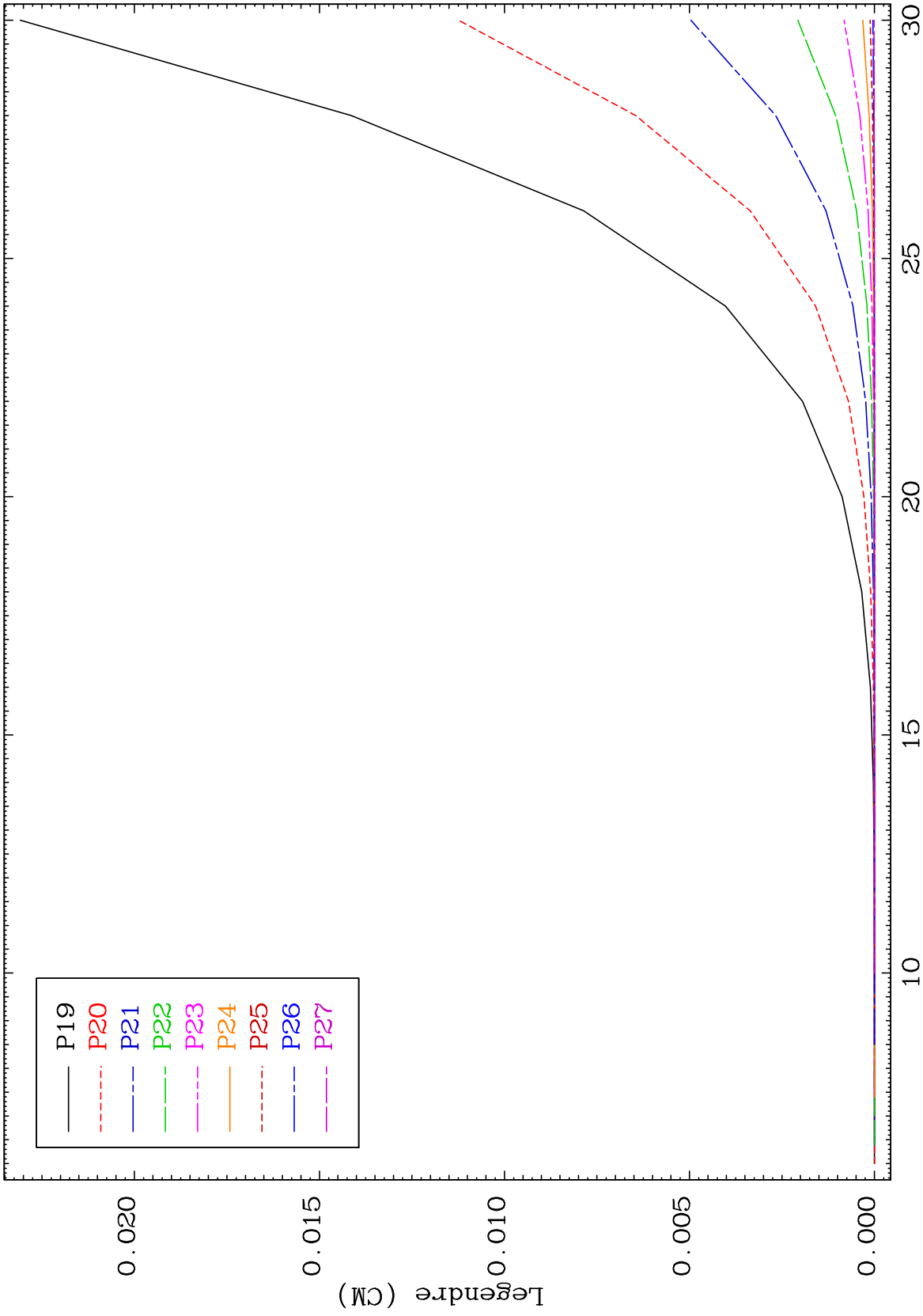
Incident Energy (MeV)

77-Ir-171

MAT 7665

Elastic Legendre Coefficients

77-Ir-171



19

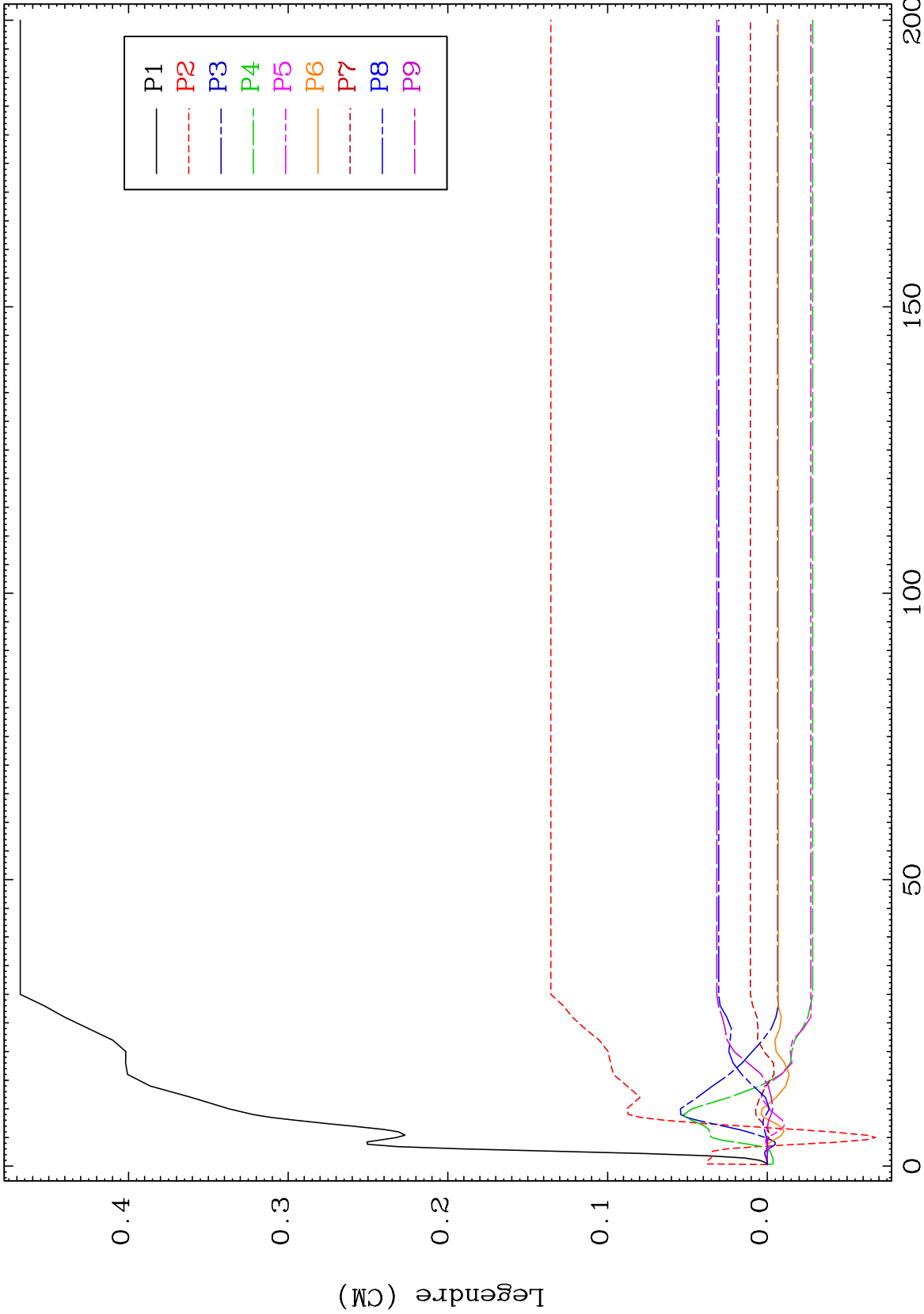
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



21

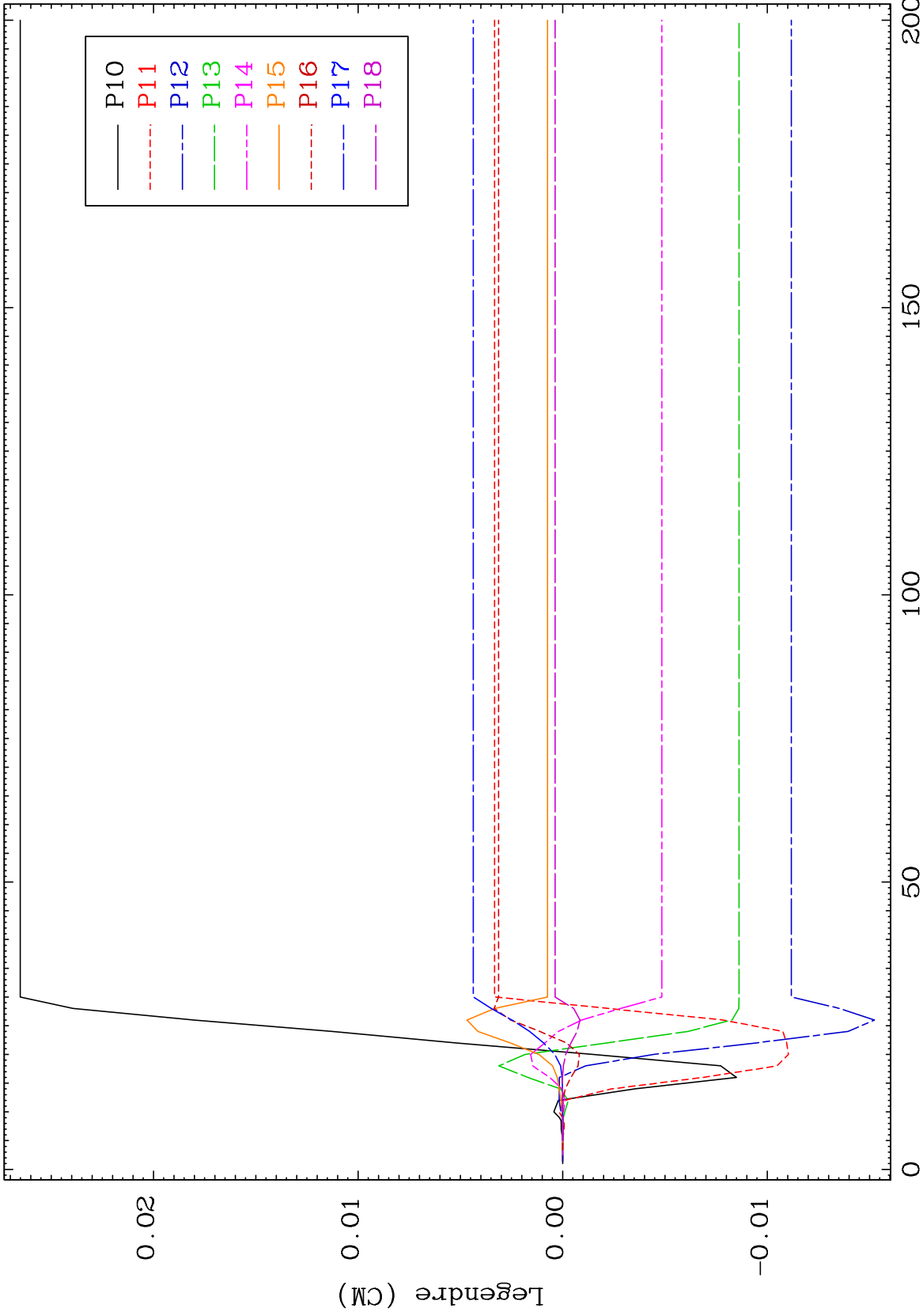
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



22

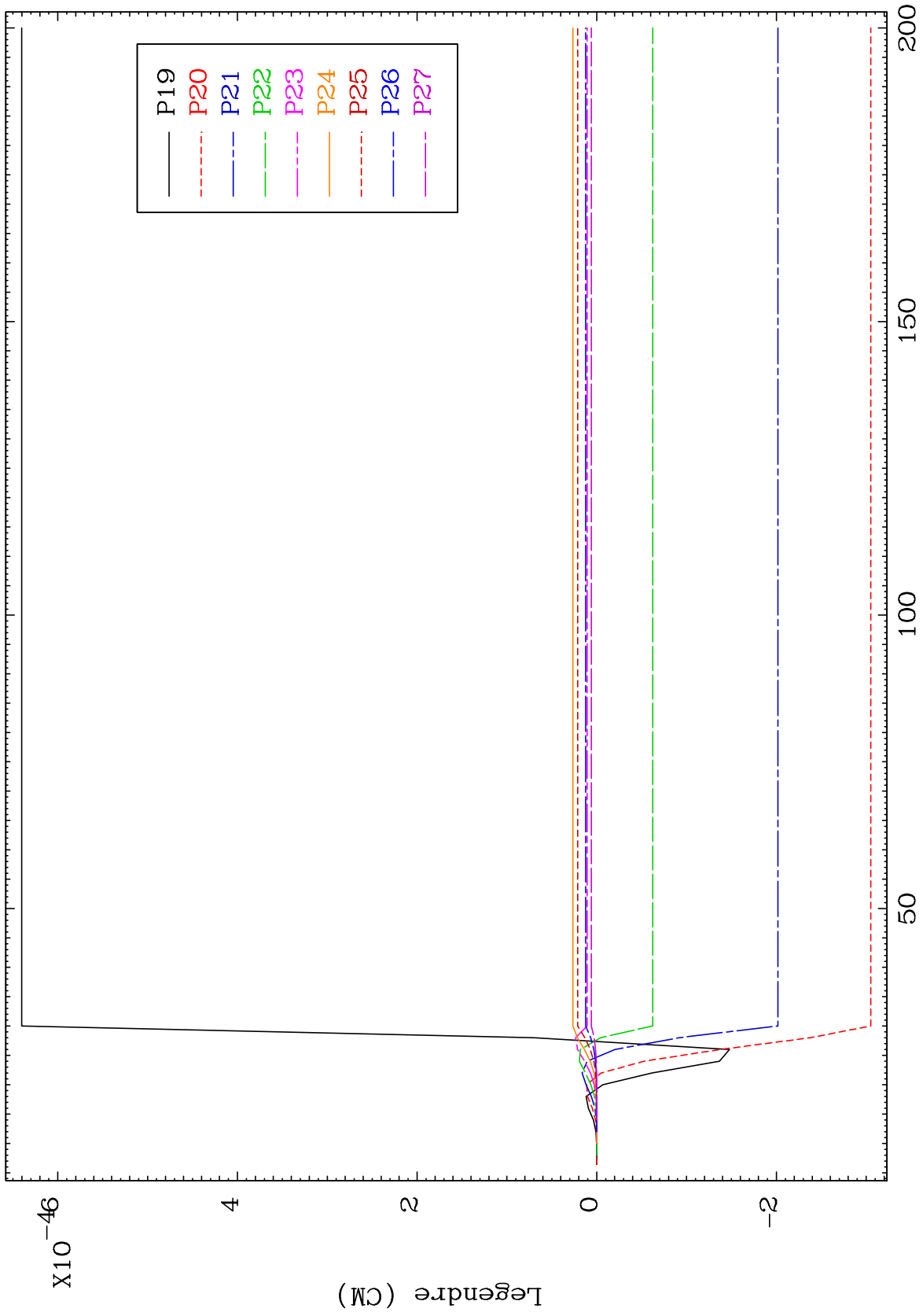
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



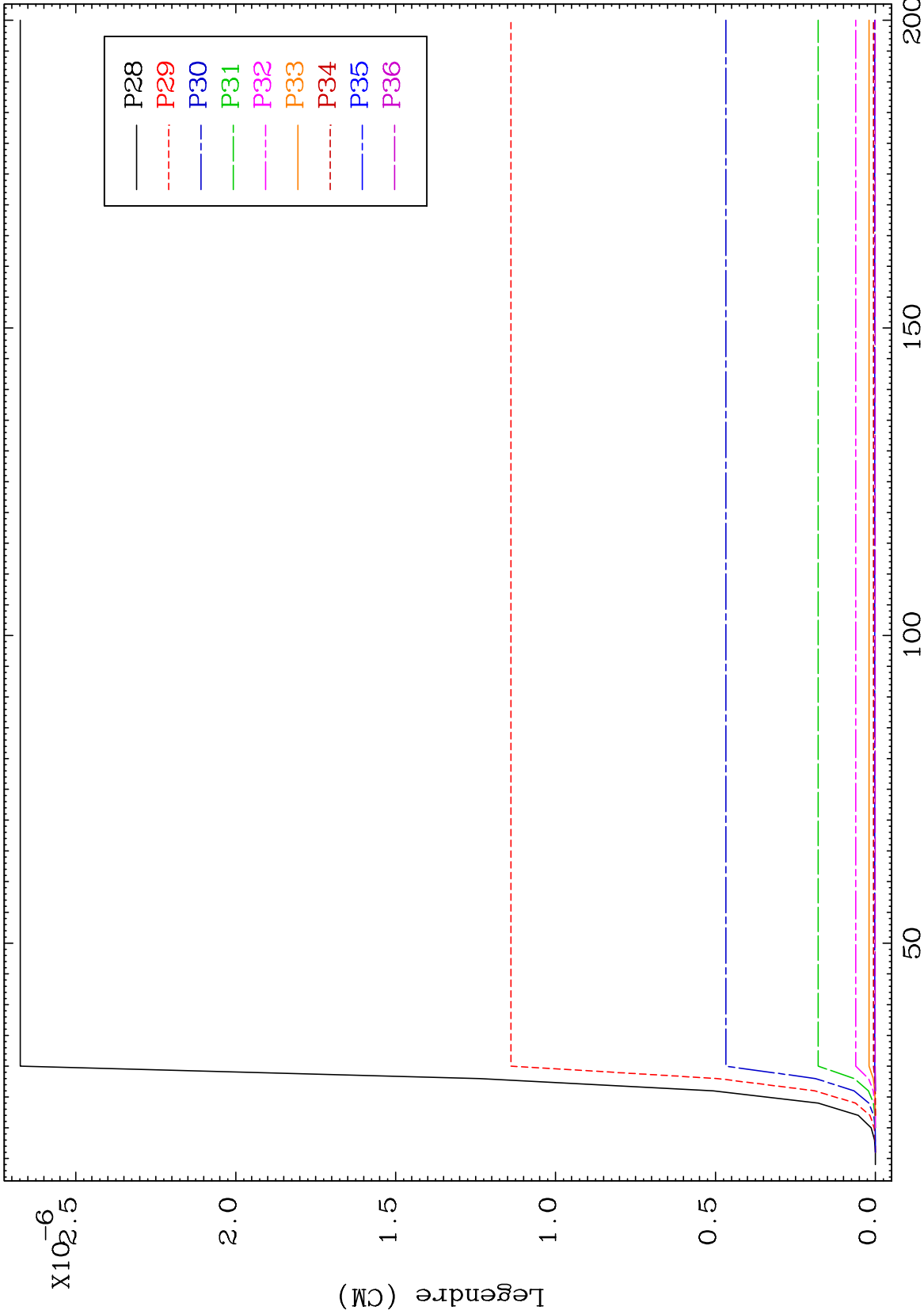
23

77-Ir-171

MAT 7665

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

77-Ir-171



24

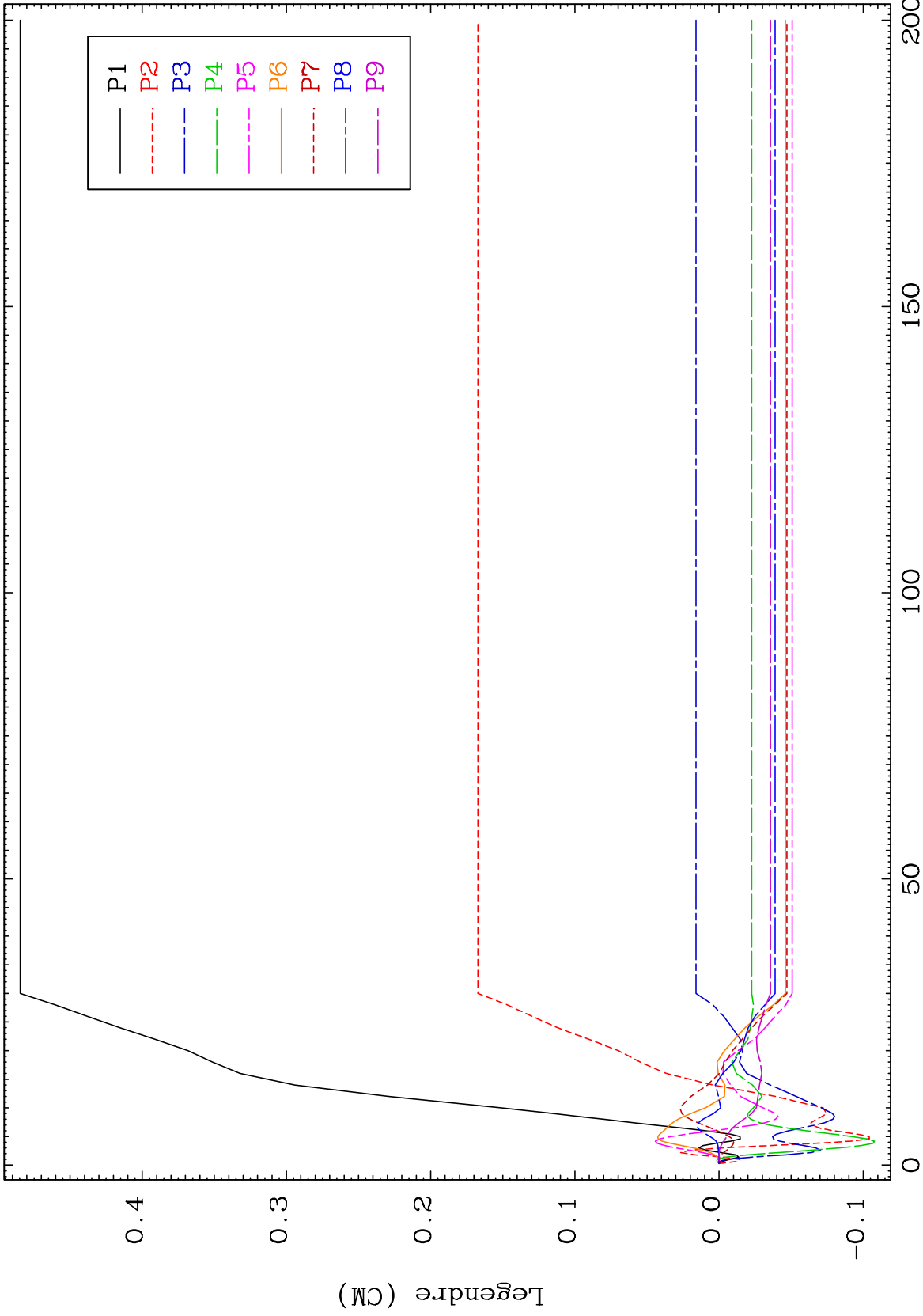
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

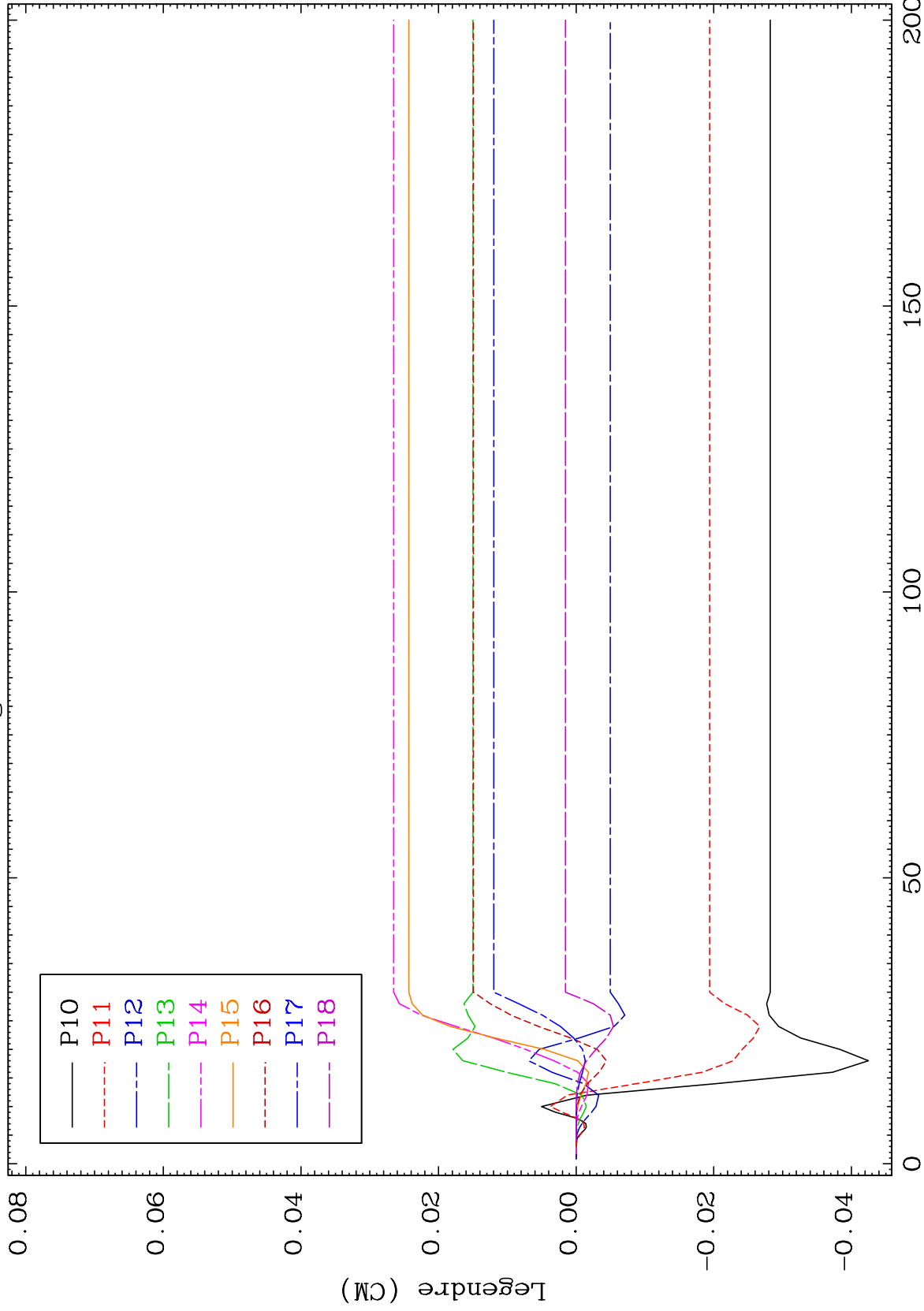
Incident Energy (MeV)

25

MAT 7665

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

77-Ir-171



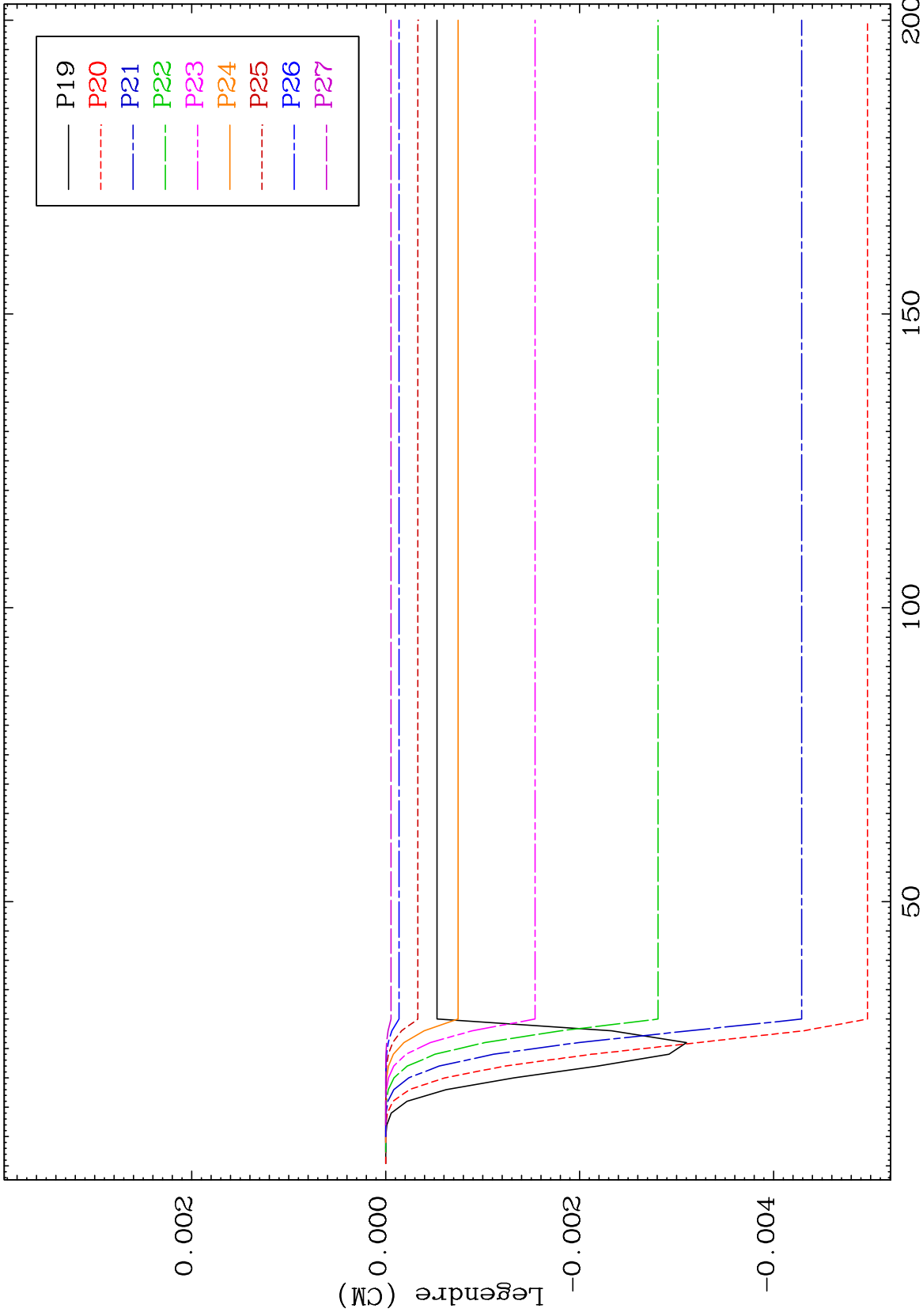
26

77-Ir-171

MAT 7665

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

77-Ir-171



27

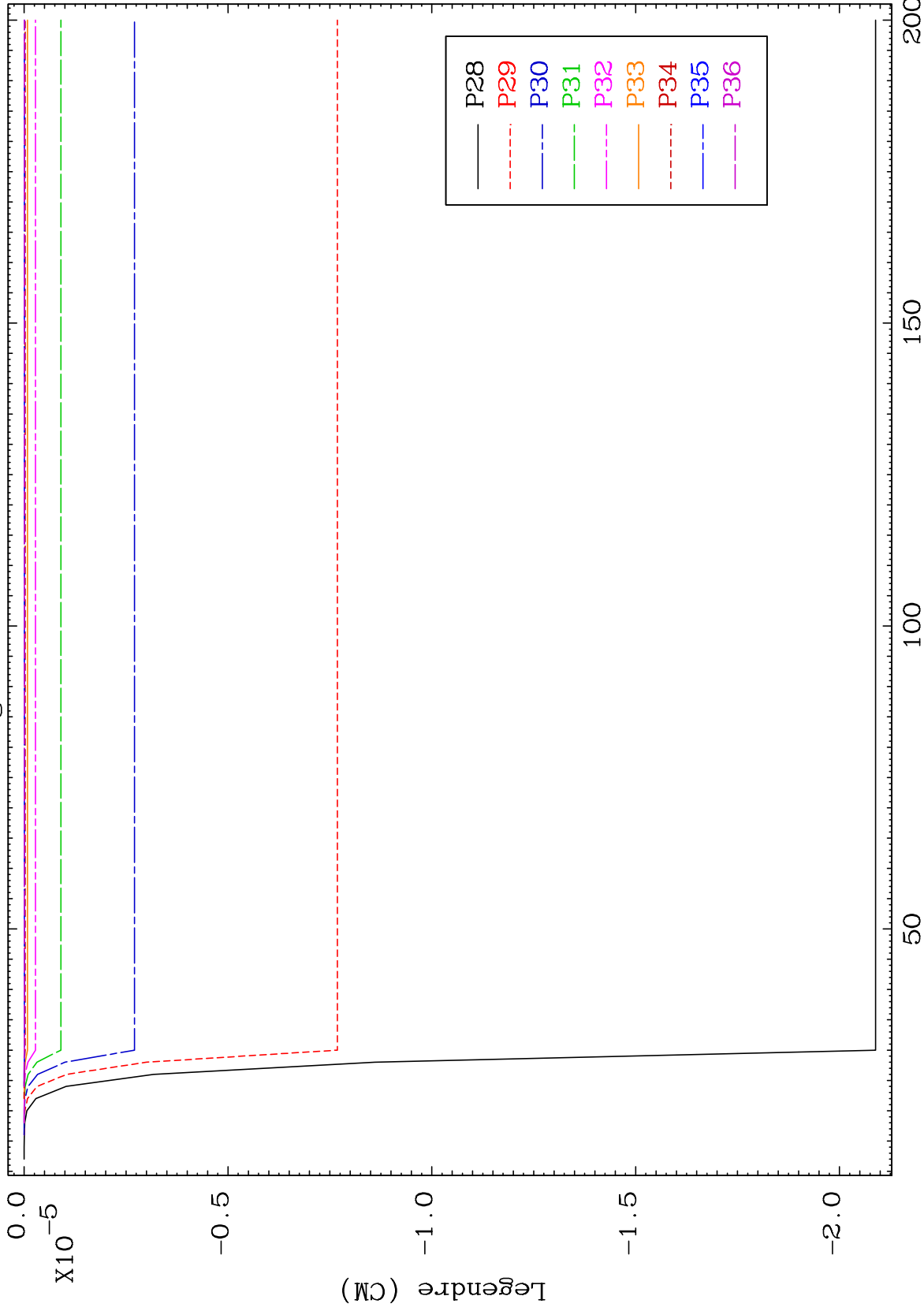
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

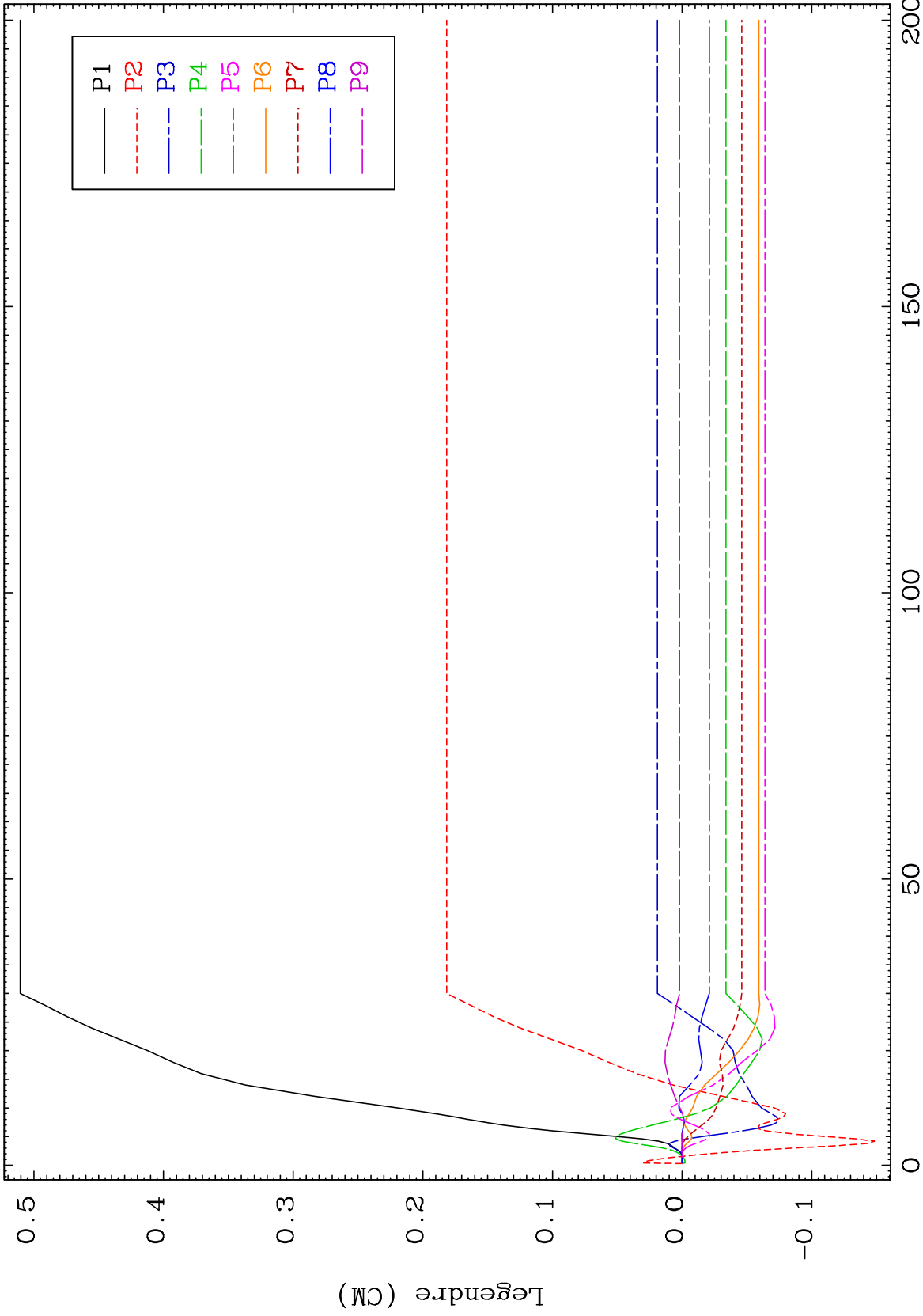
Incident Energy (MeV)

28

MAT 7665

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

77-Ir-171



29

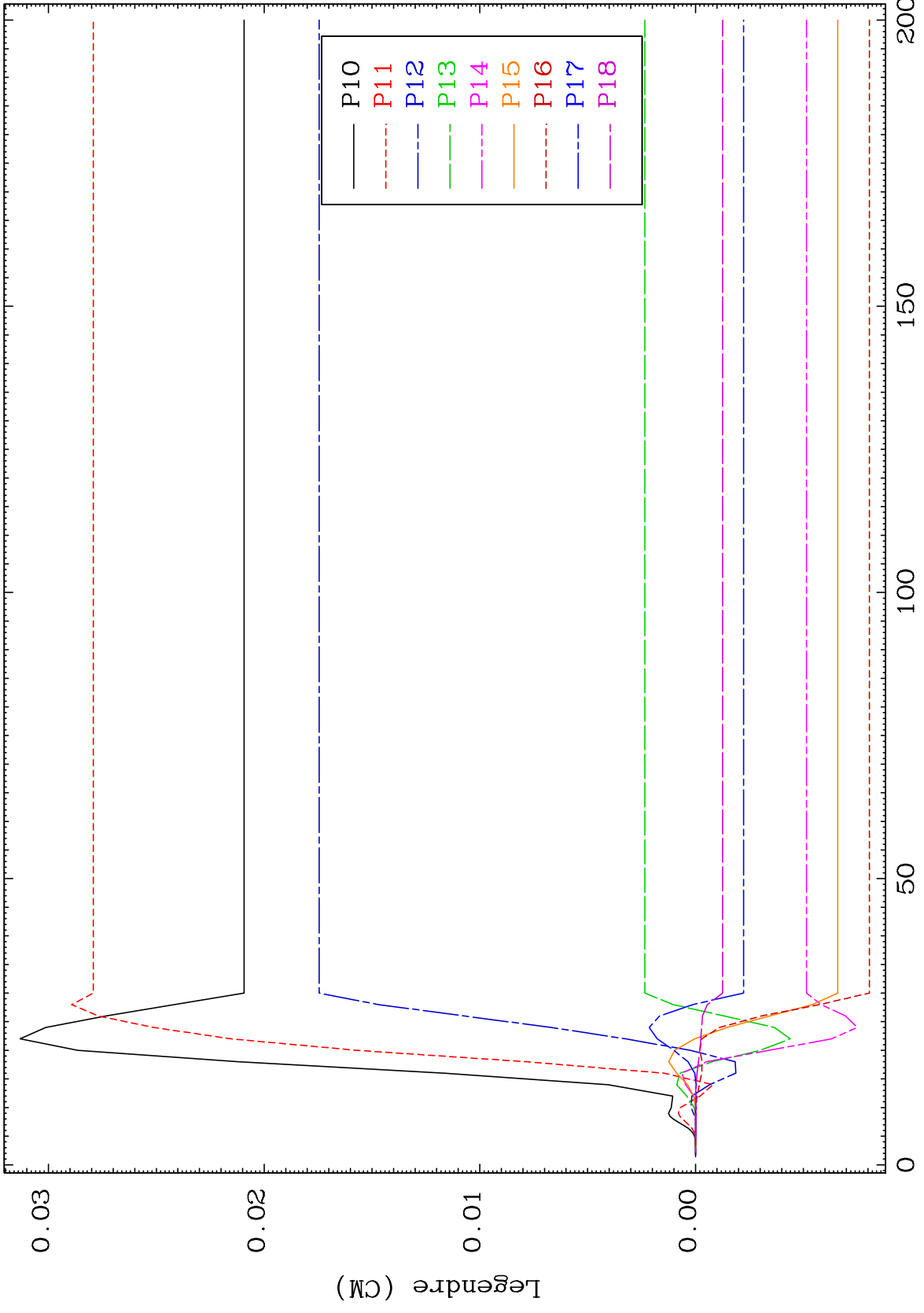
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



30

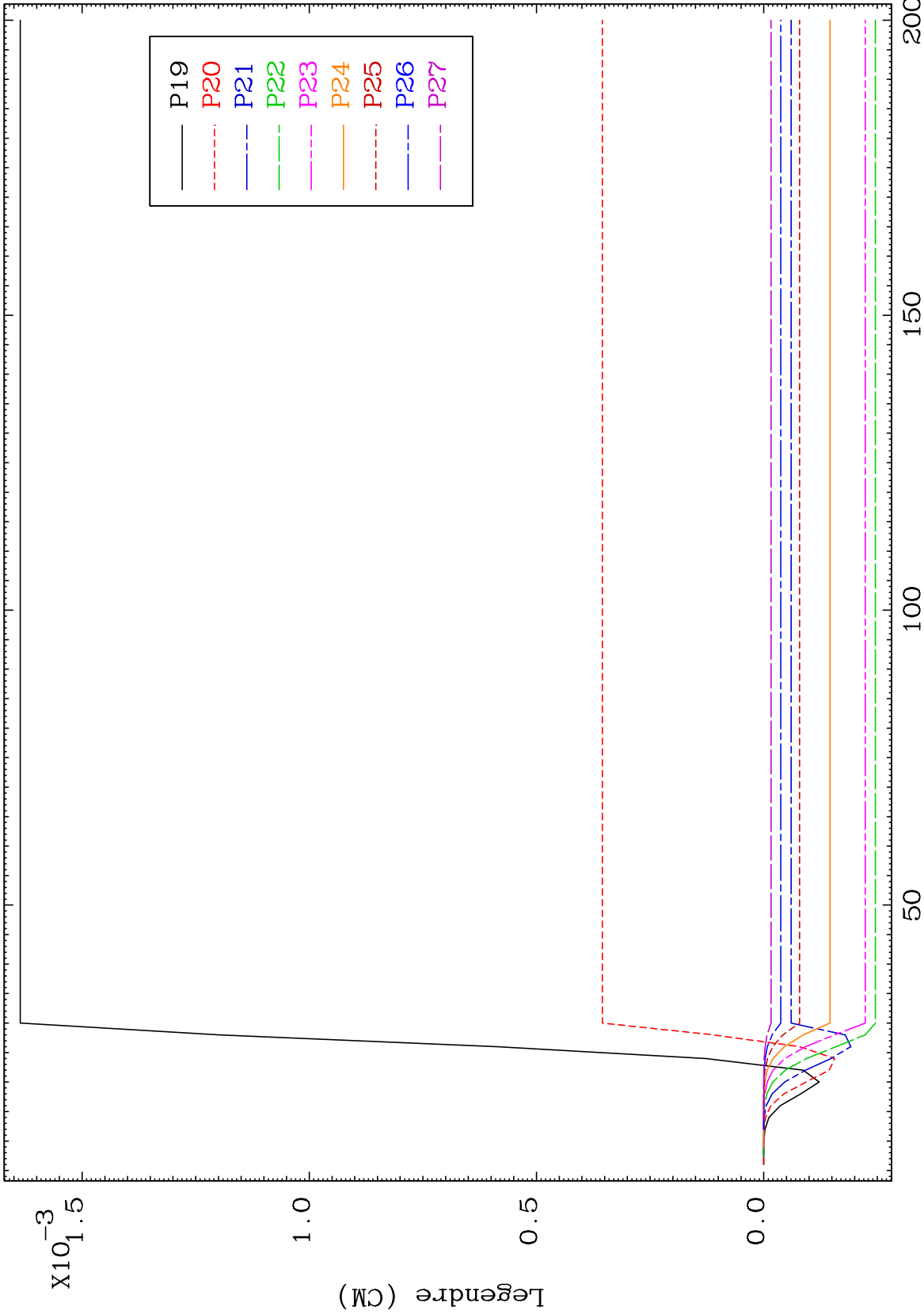
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



31

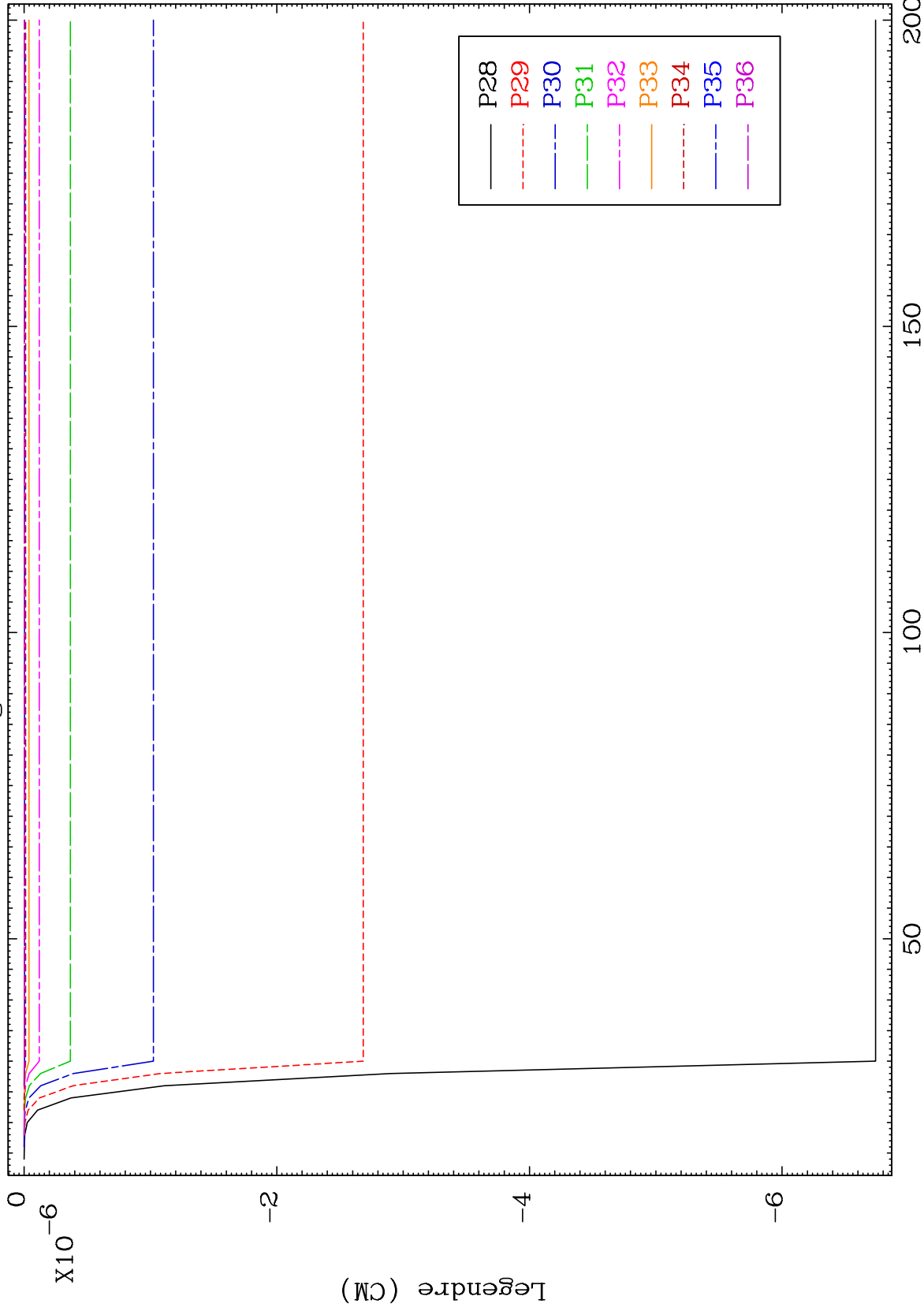
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

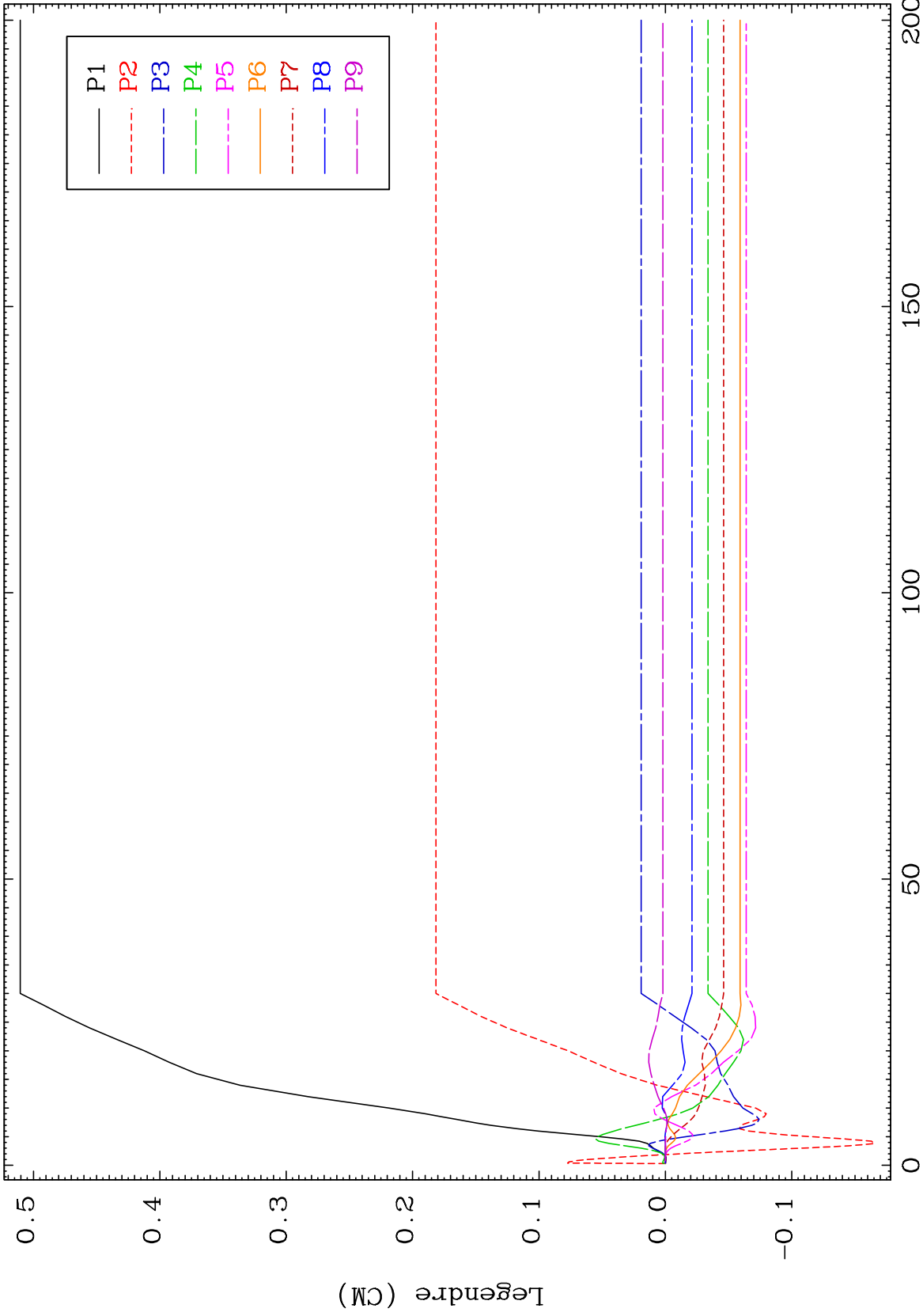
Incident Energy (MeV)

32

MAT 7665

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

77-Ir-171



33

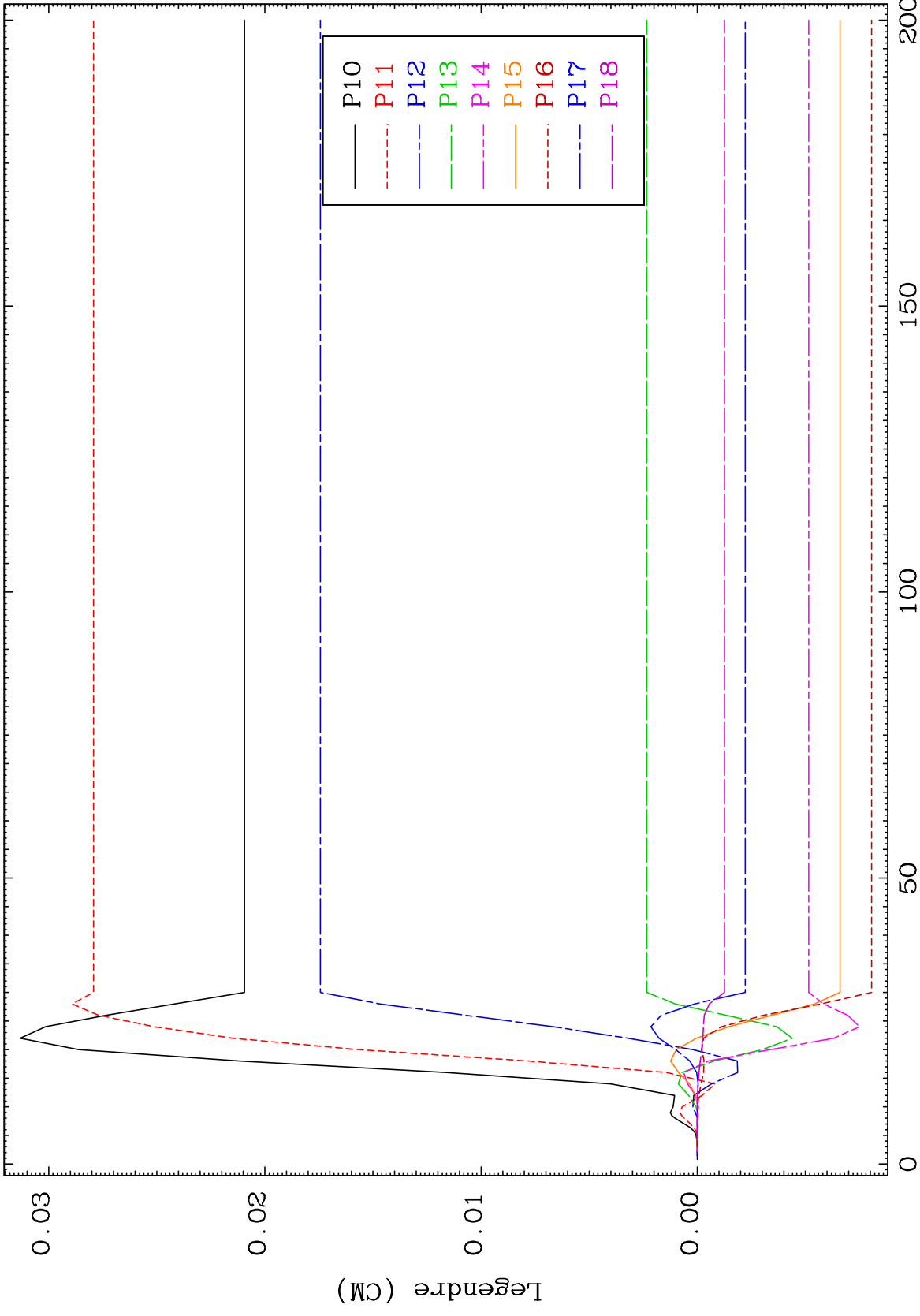
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



34

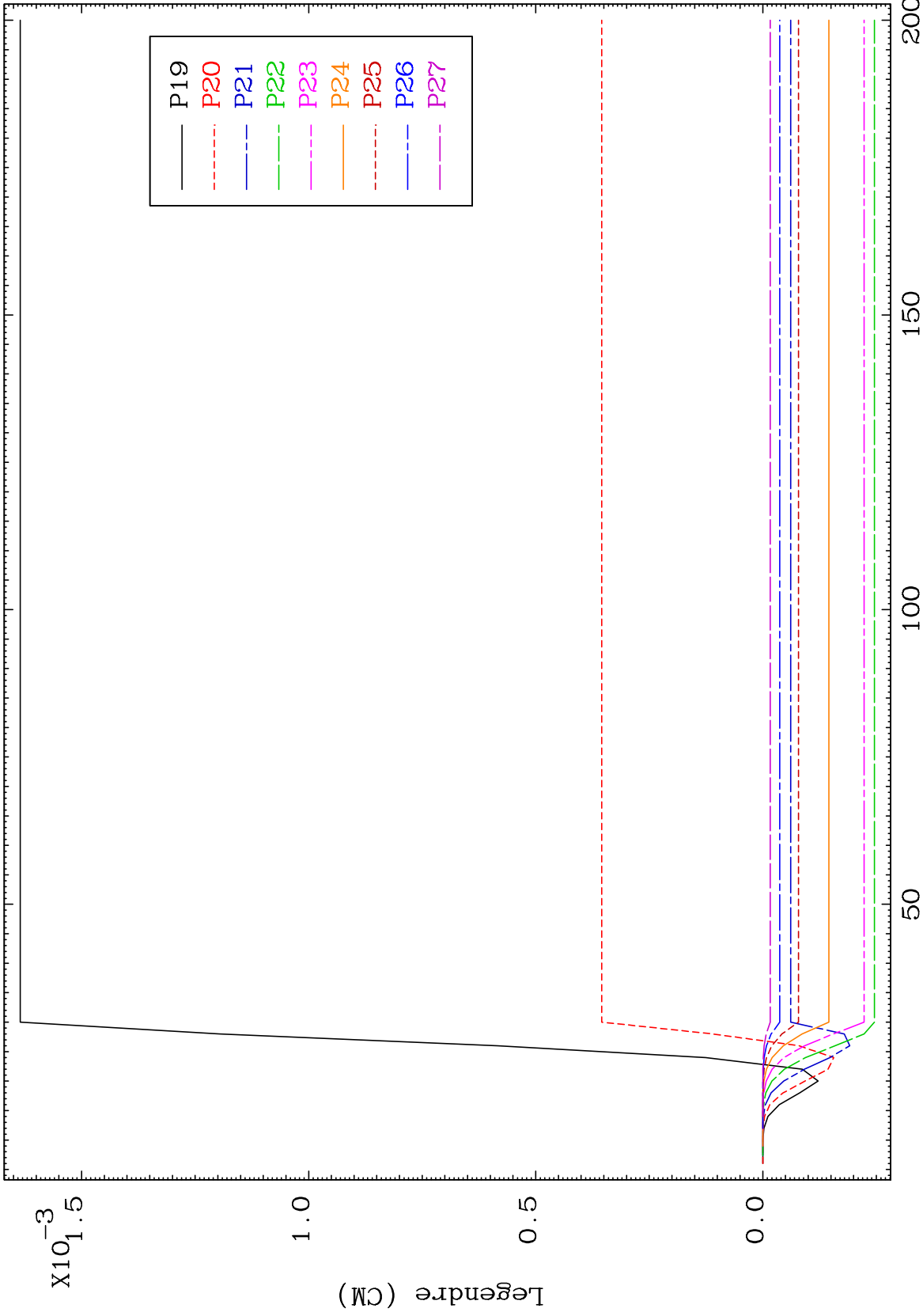
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



35

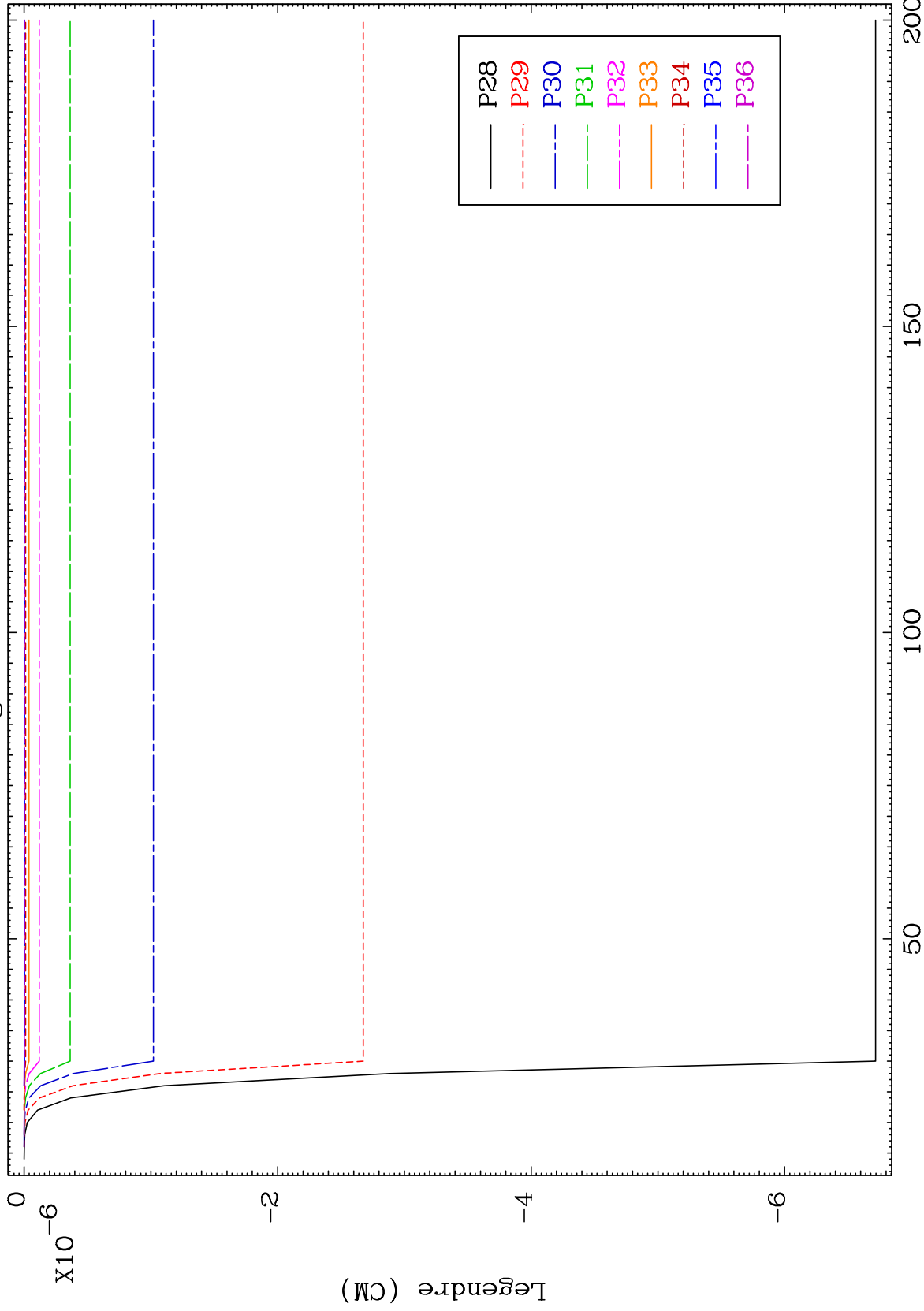
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



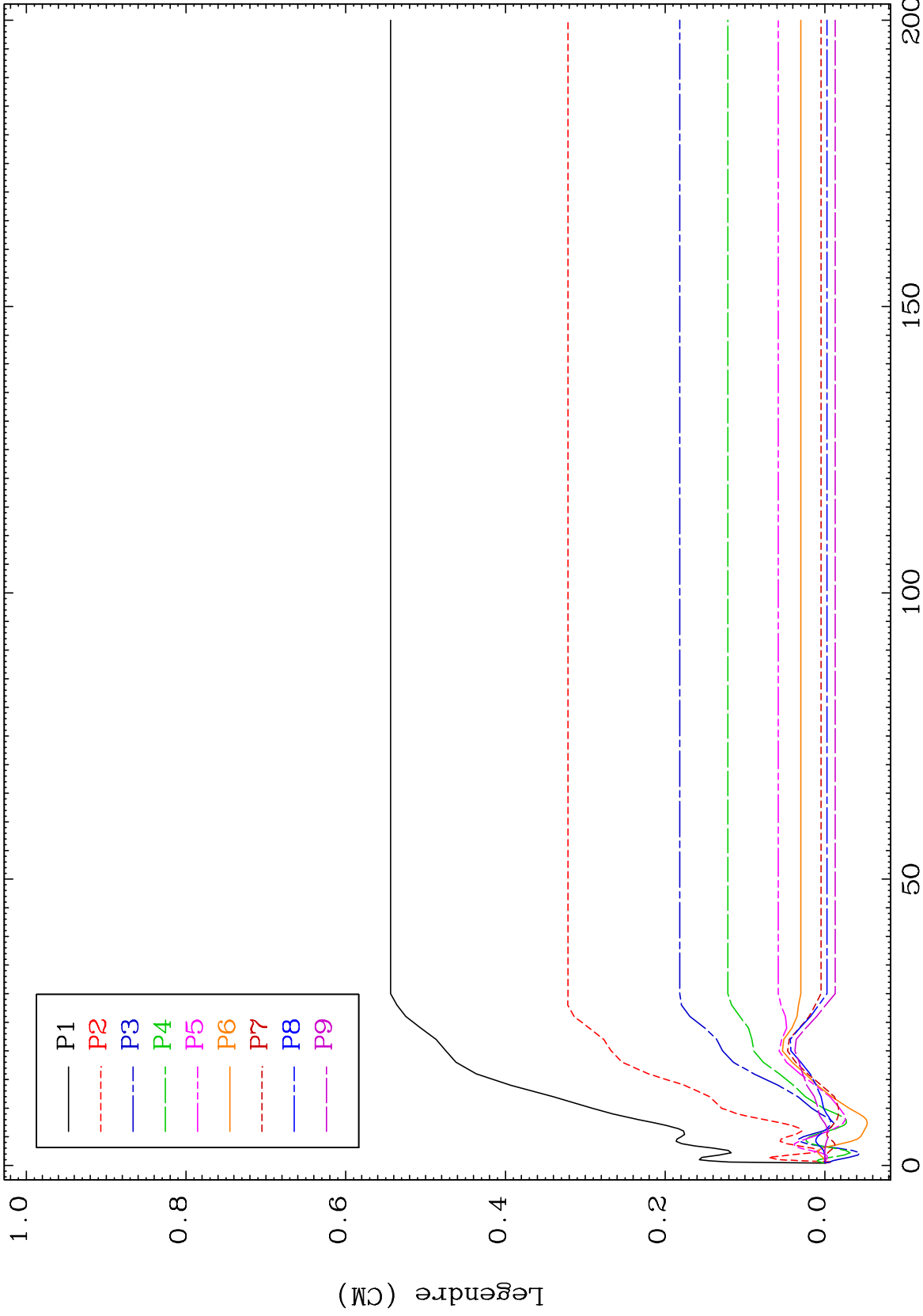
36

77-Ir-171

MAT 7665

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

77-Ir-171



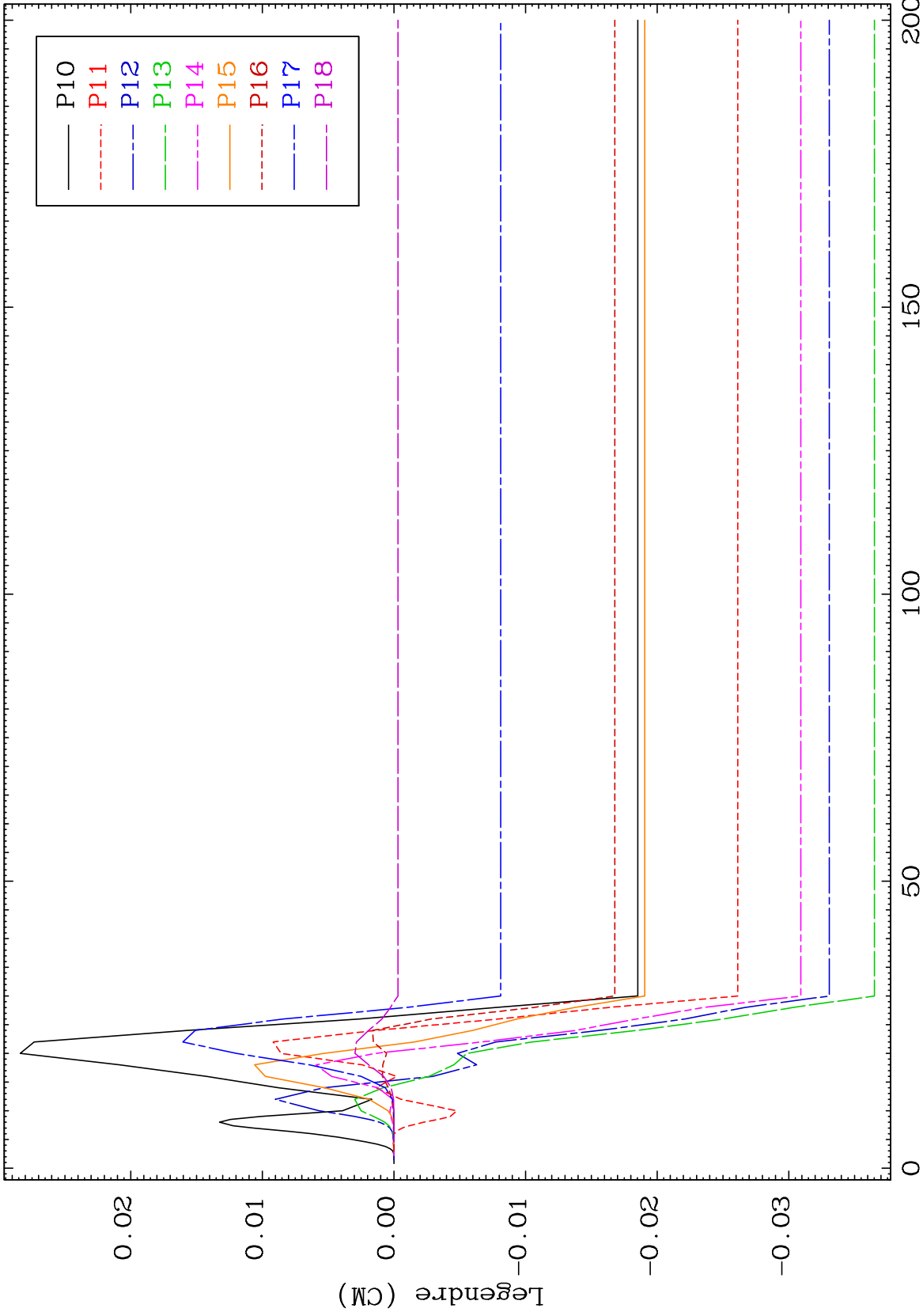
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77-Ir-171

MAT 7665

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

77-Ir-171



38

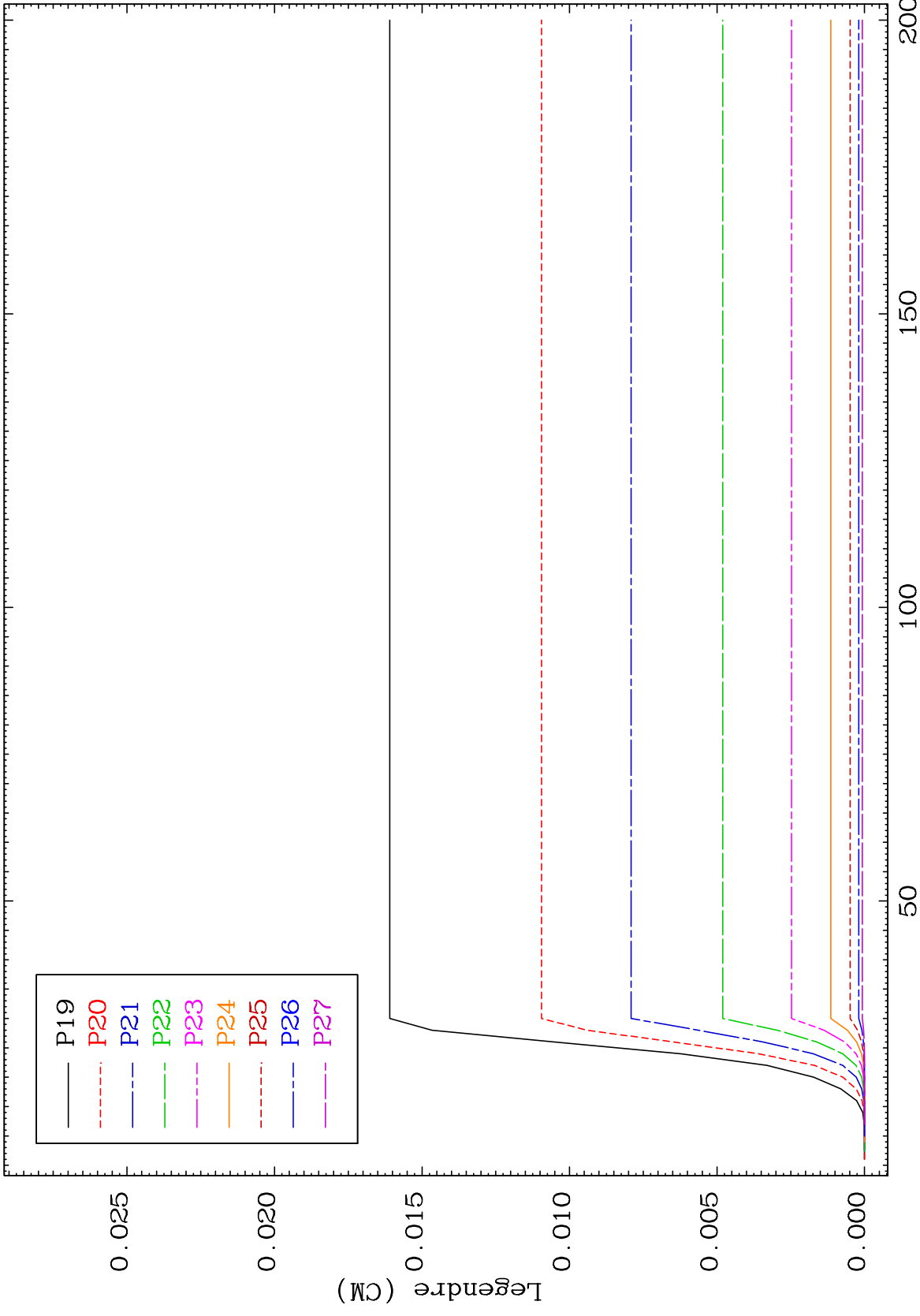
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



39

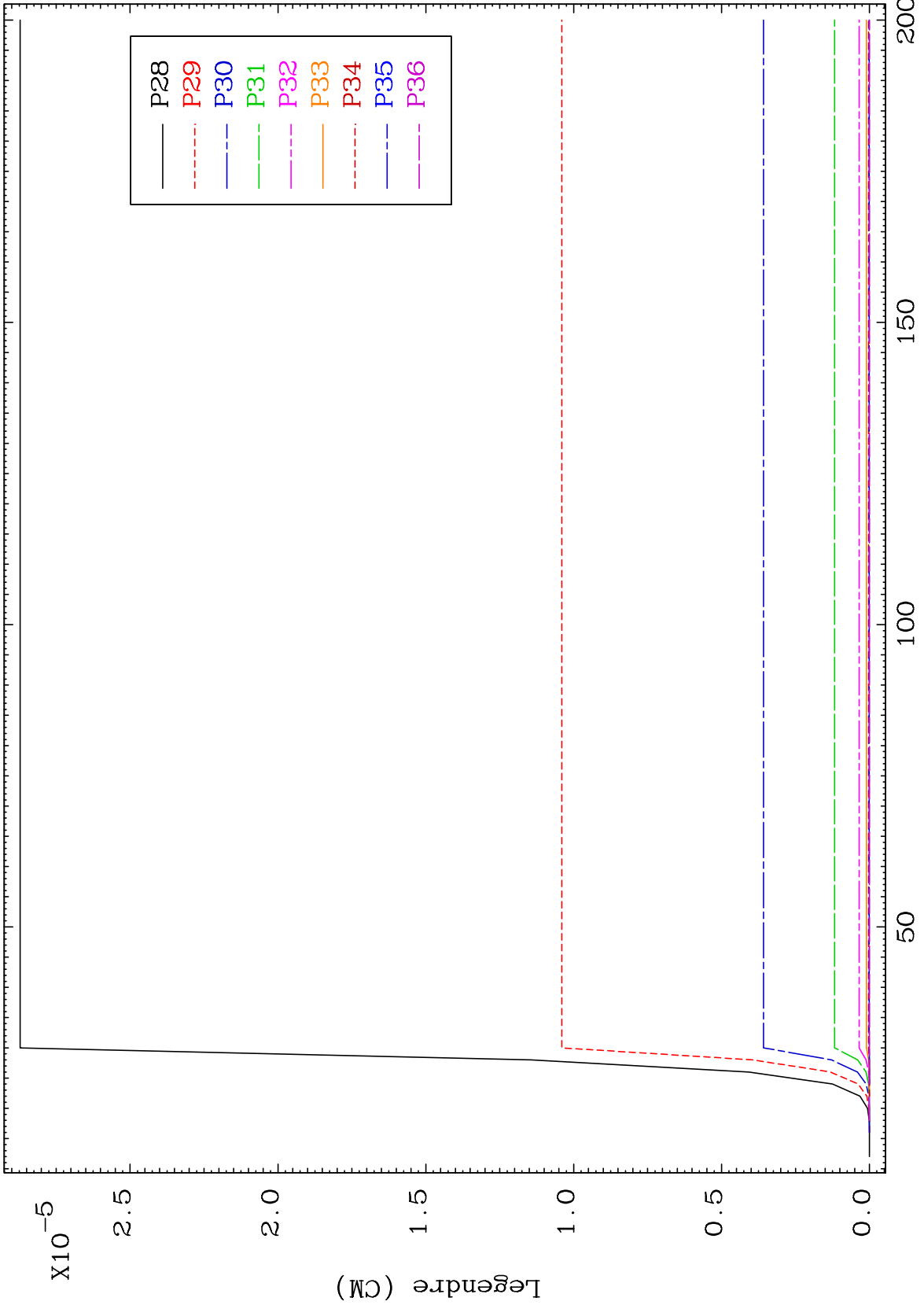
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



40

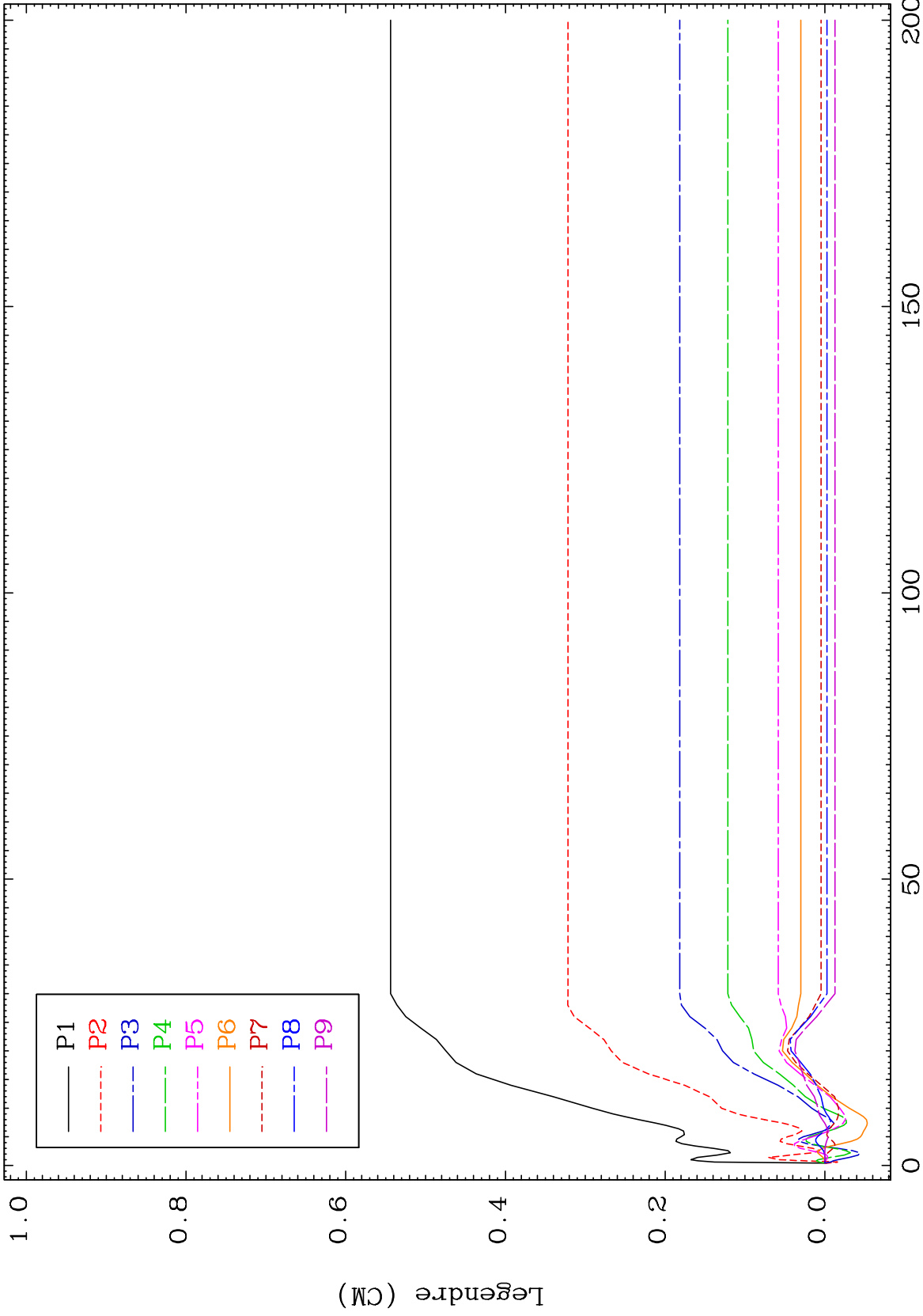
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



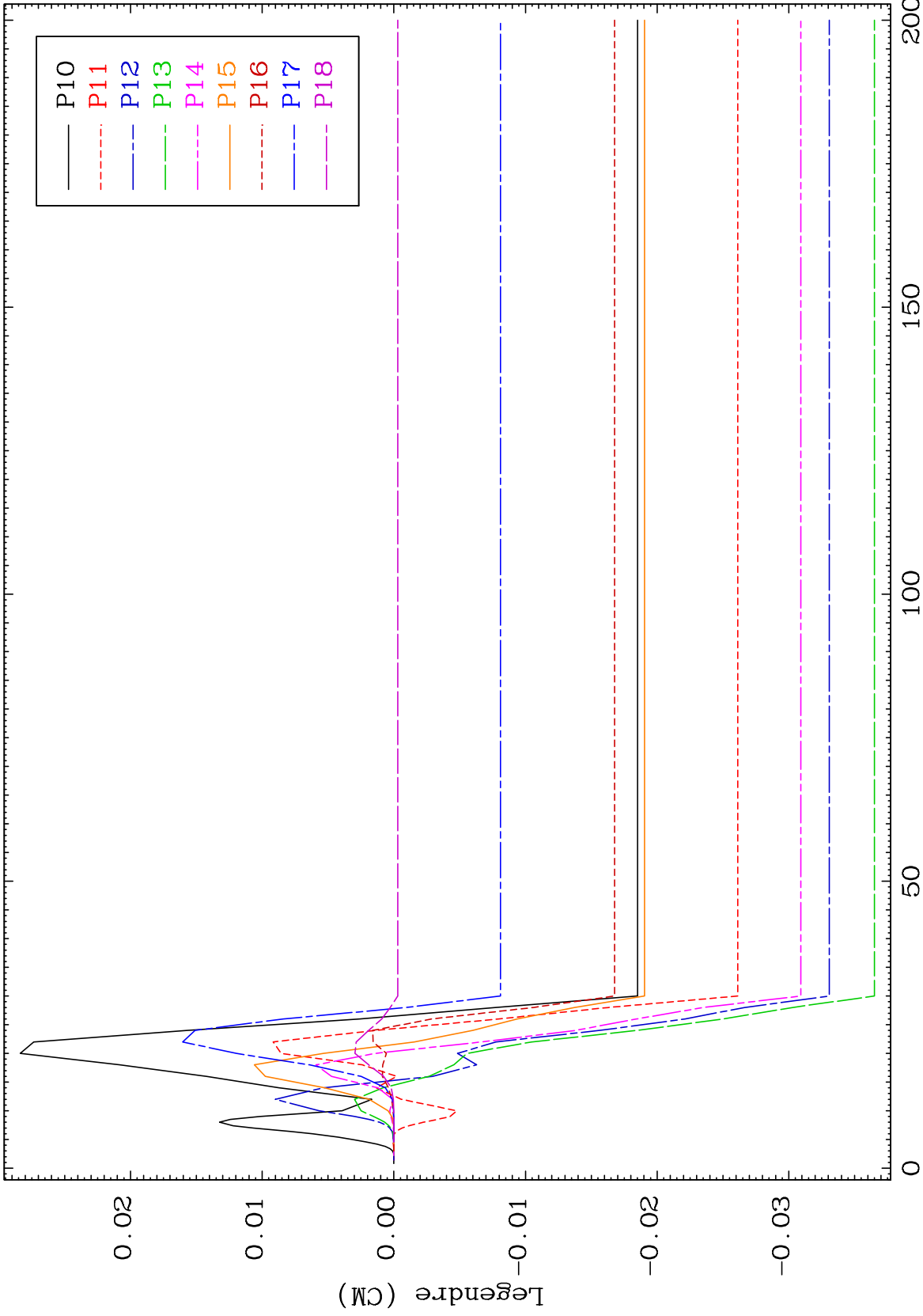
41

77-Ir-171

MAT 7665

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

77-Ir-171



42

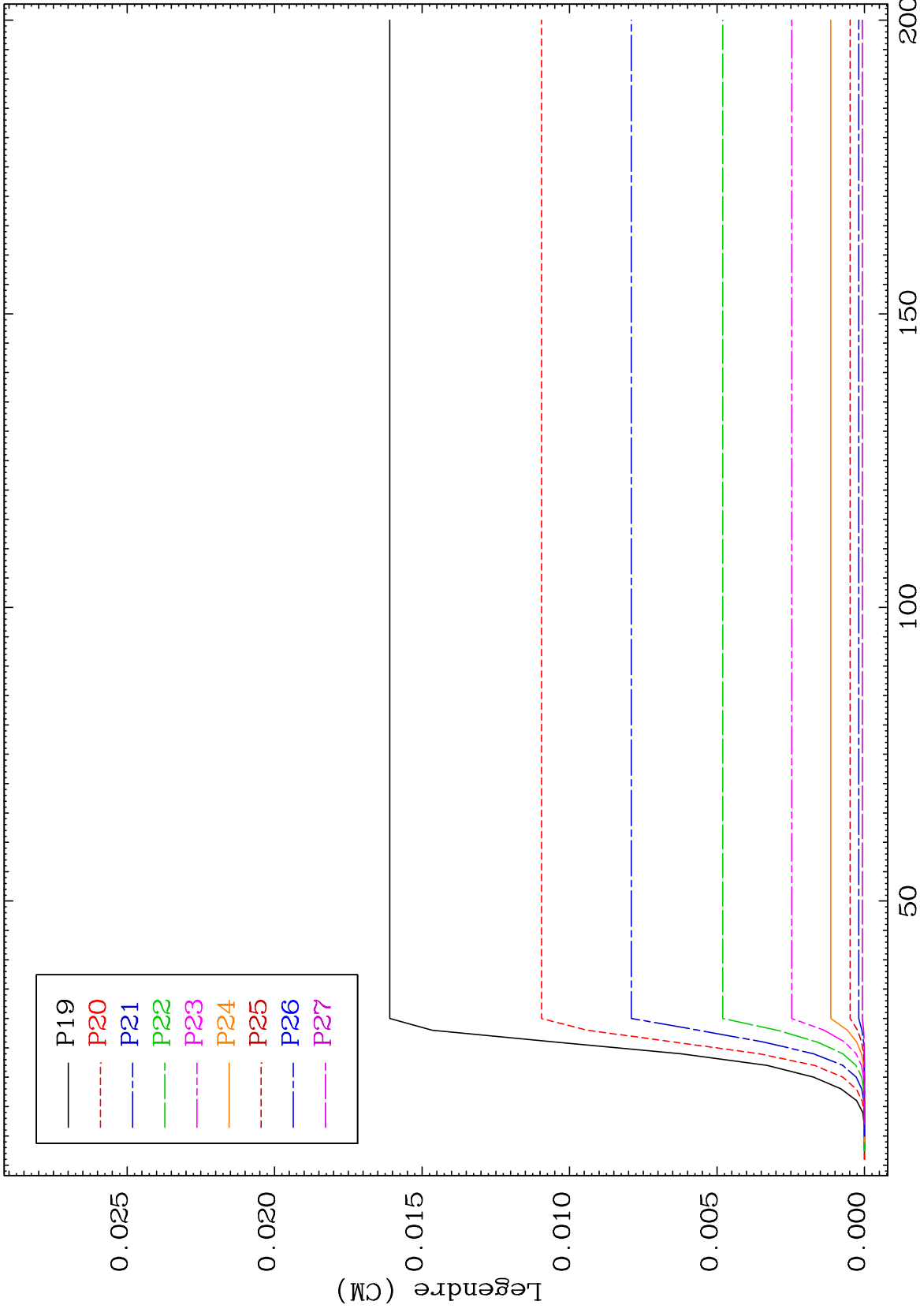
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



43

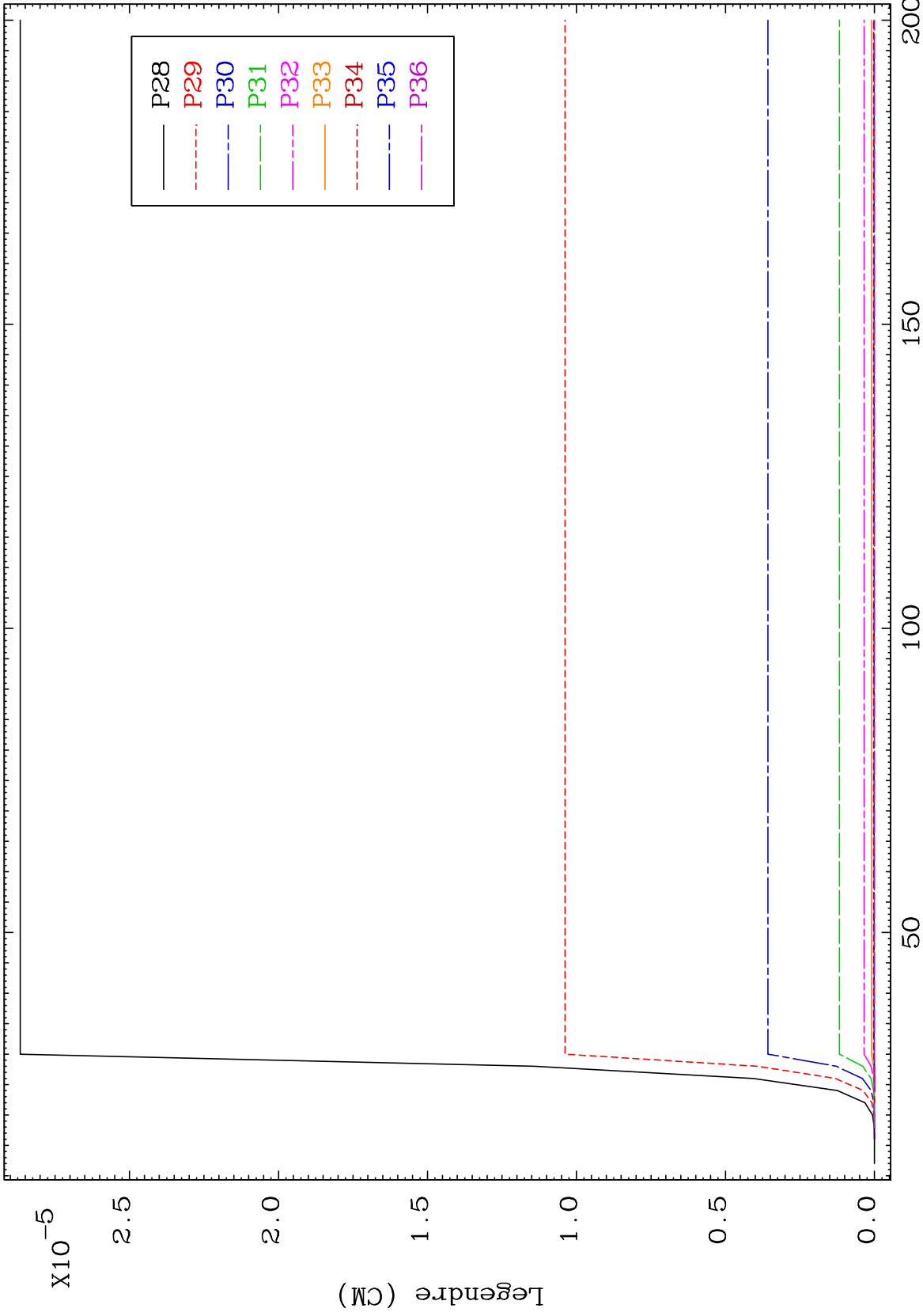
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



44

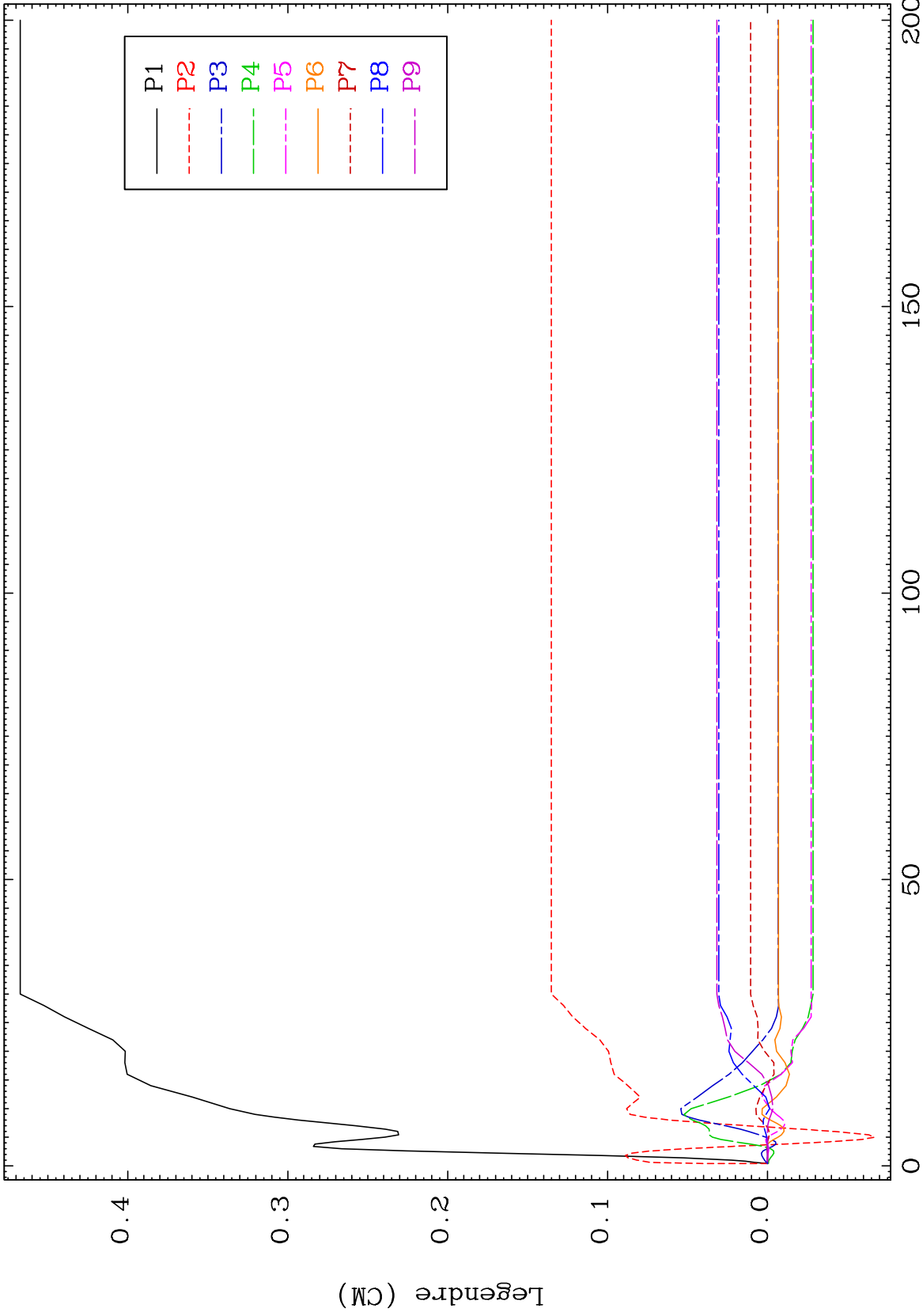
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



45

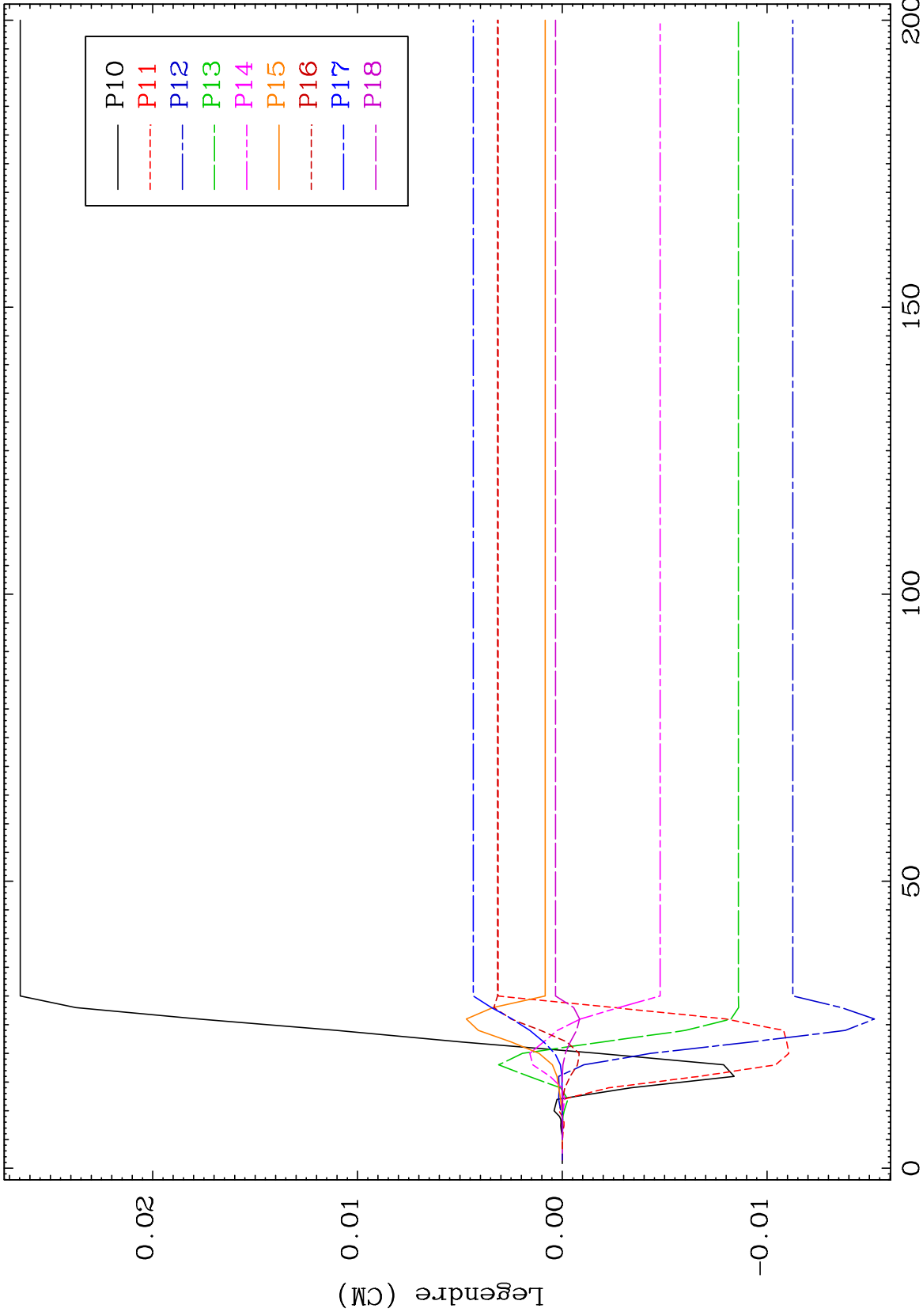
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



46

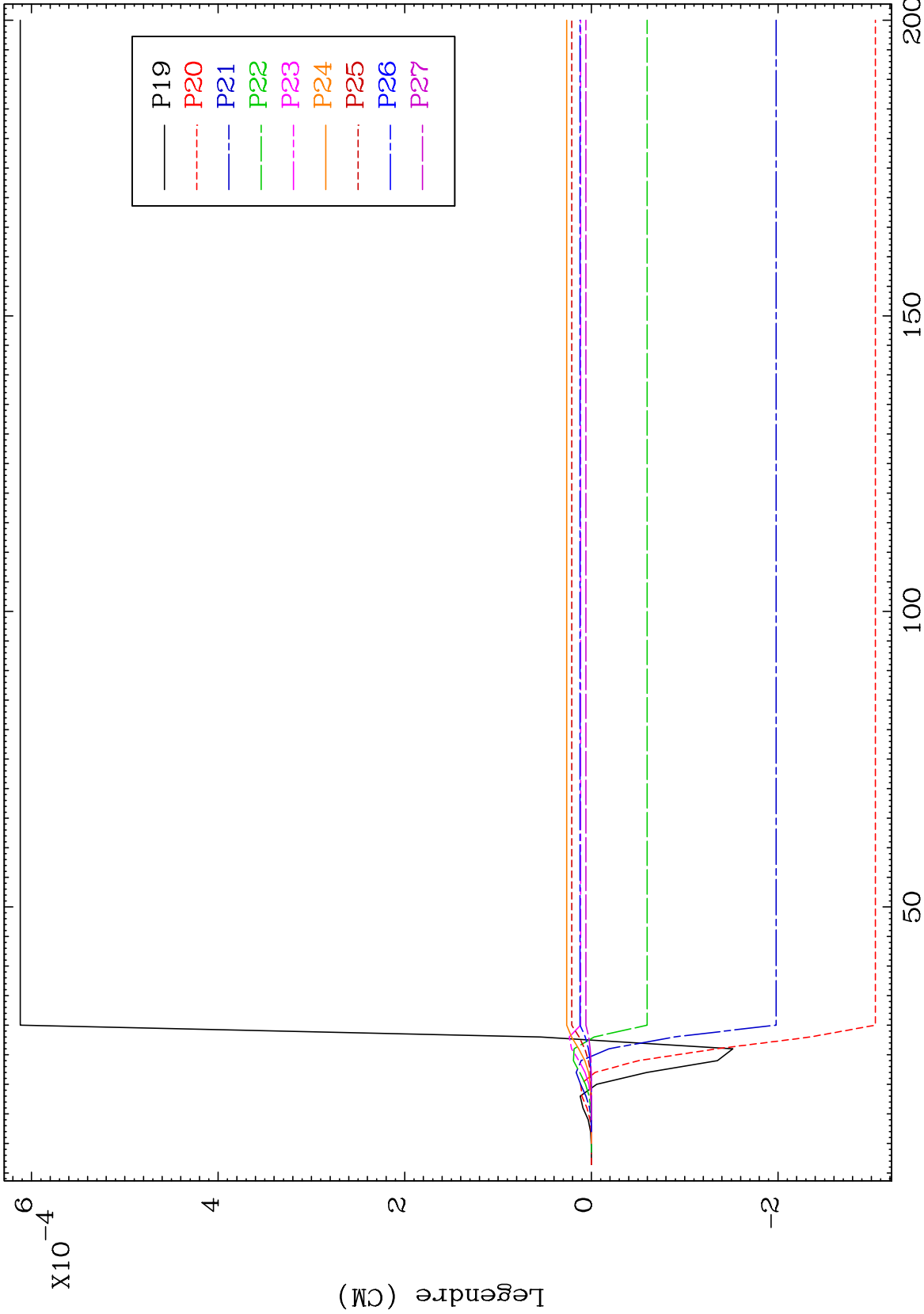
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



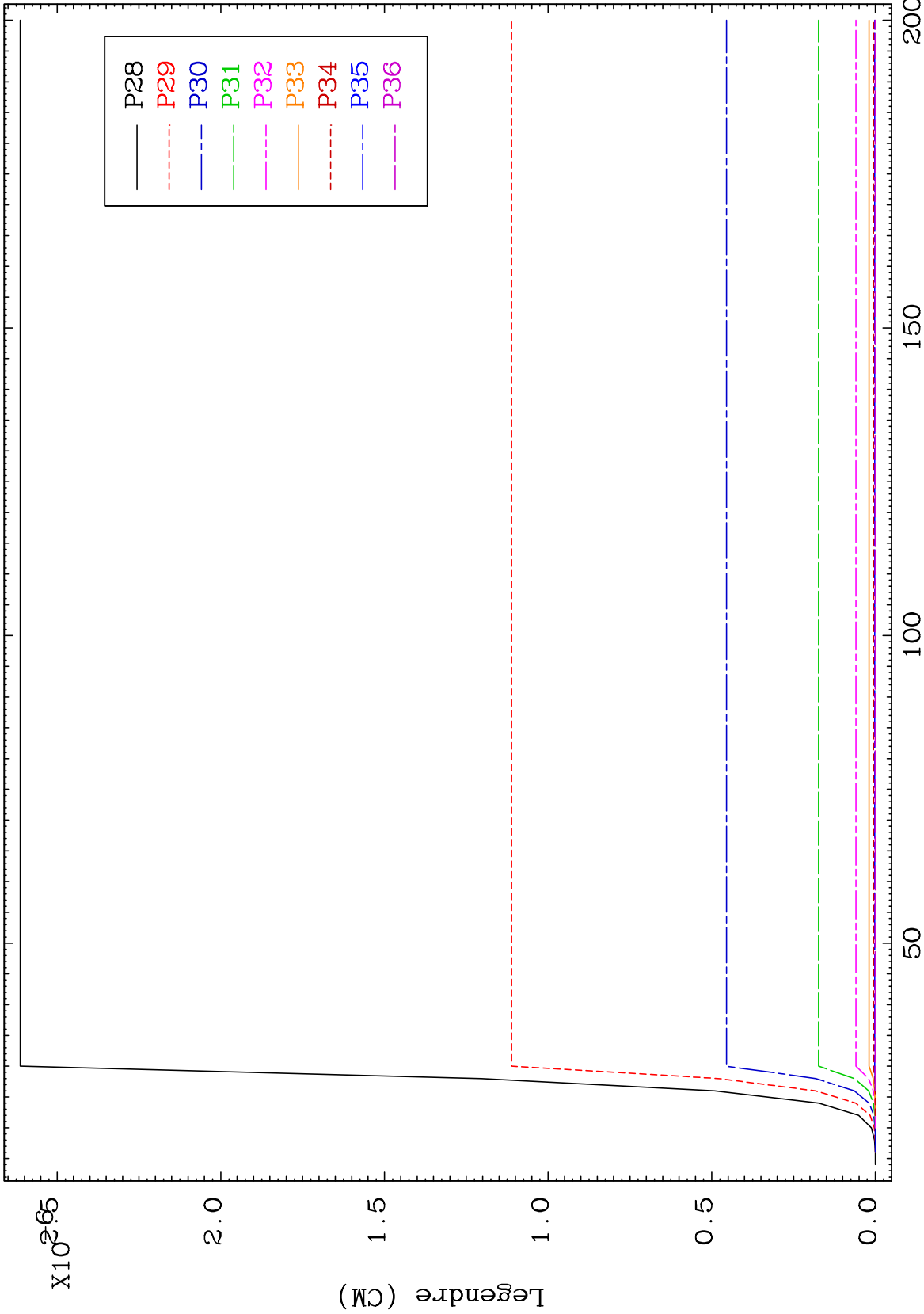
47

77-Ir-171

MAT 7665

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

77-Ir-171



48

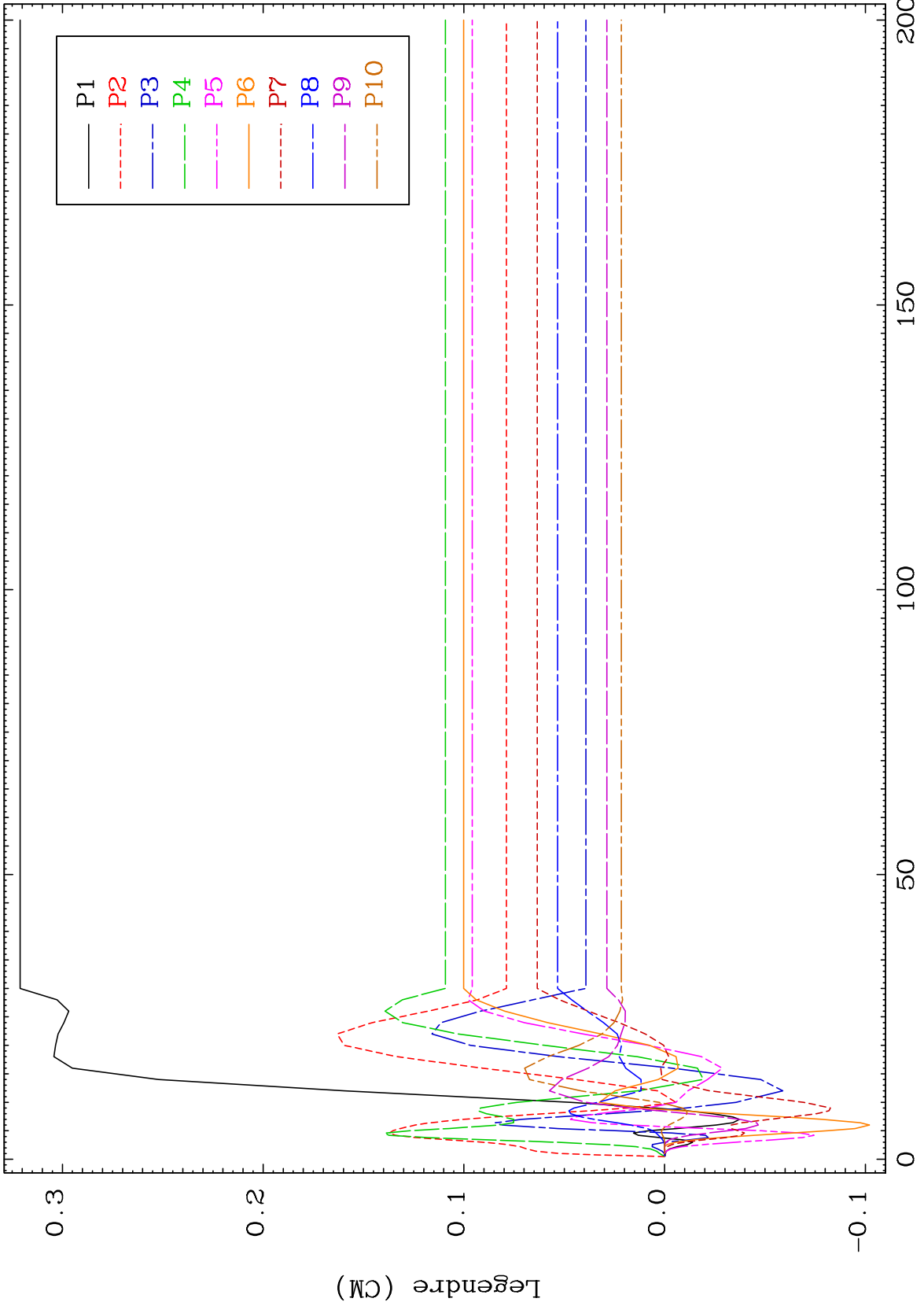
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



49

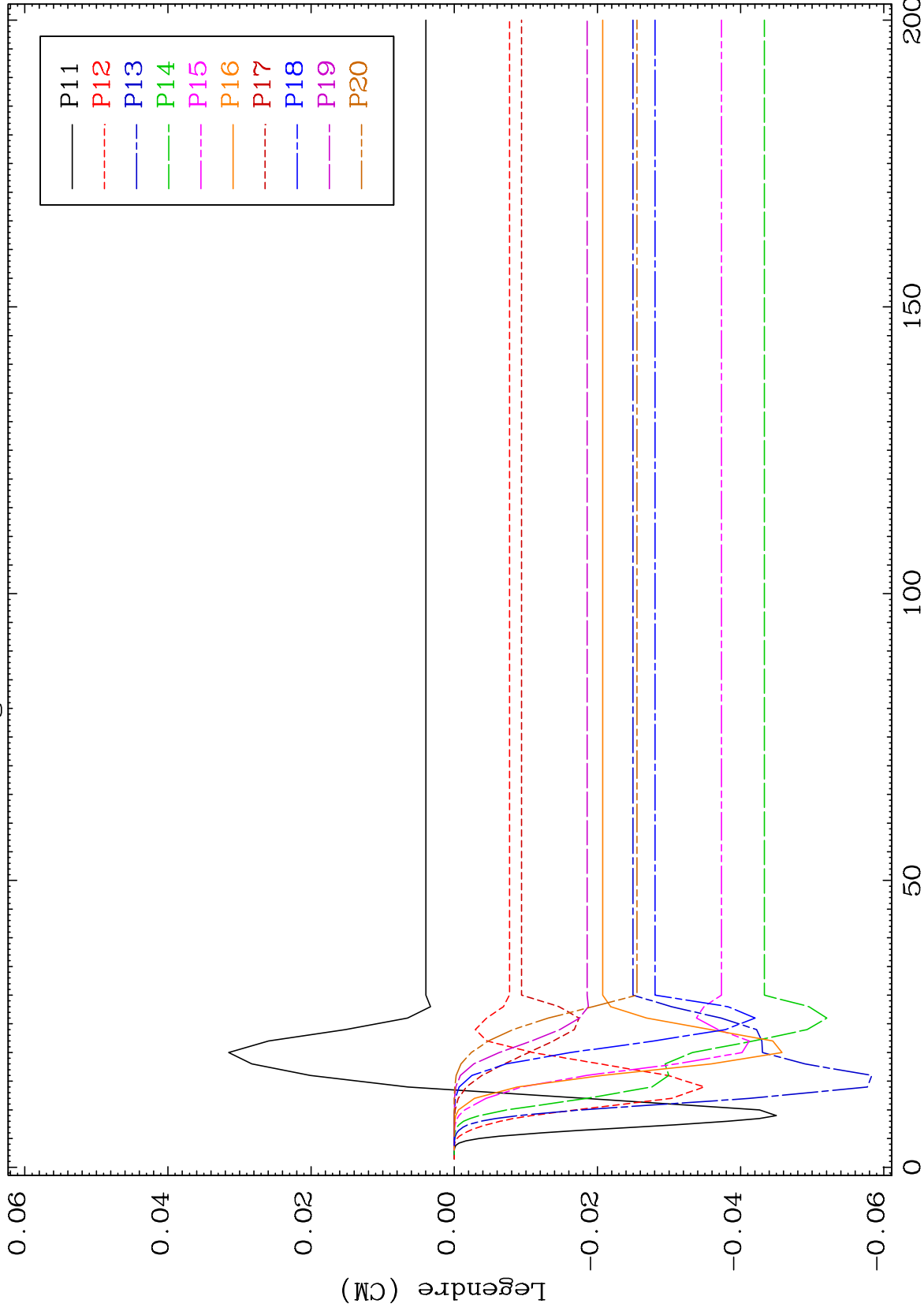
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

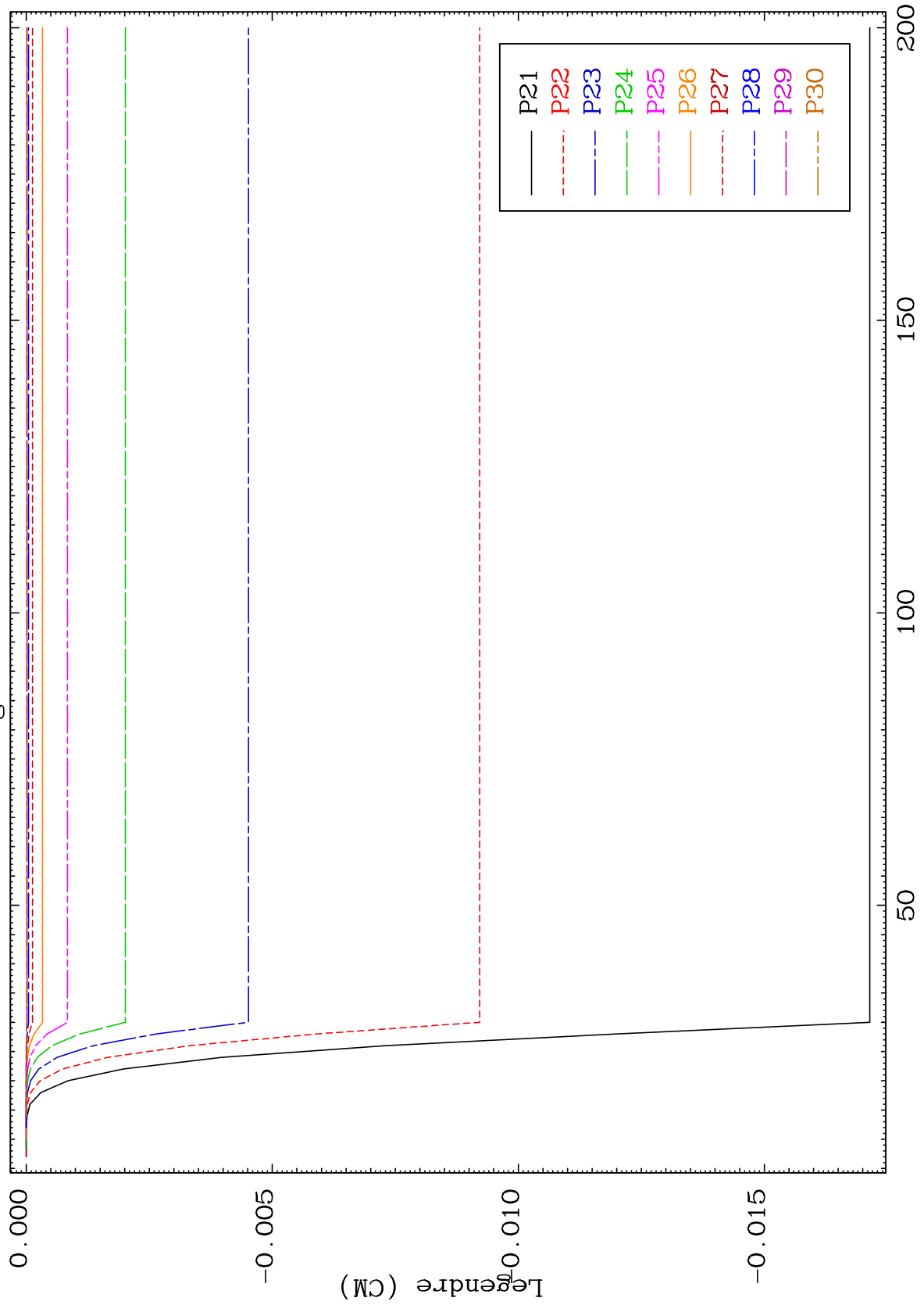
77-Ir-171



77-Ir-171

Incident Energy (MeV)

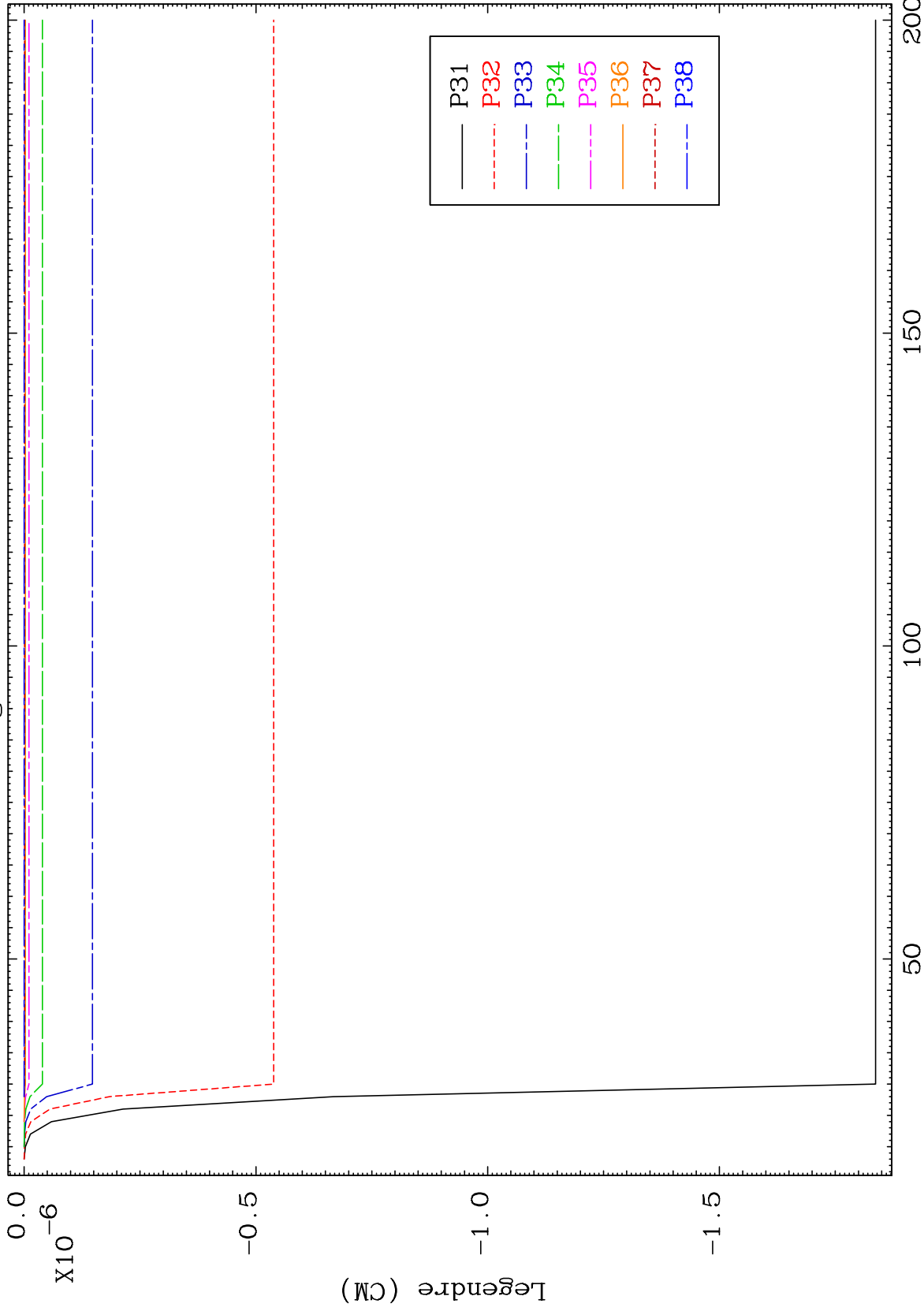
50



MAT 7665

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

77-Ir-171



52

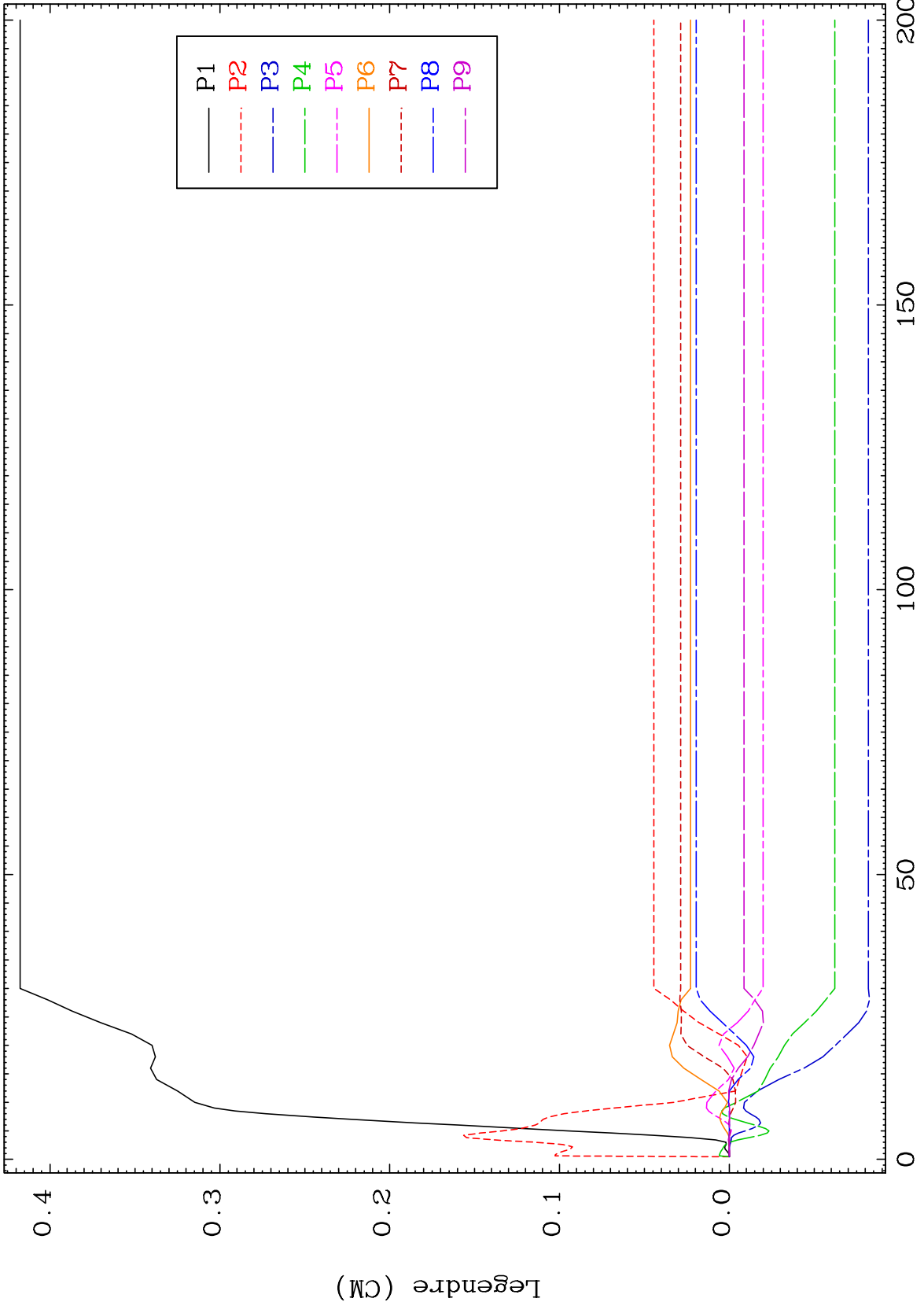
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



53

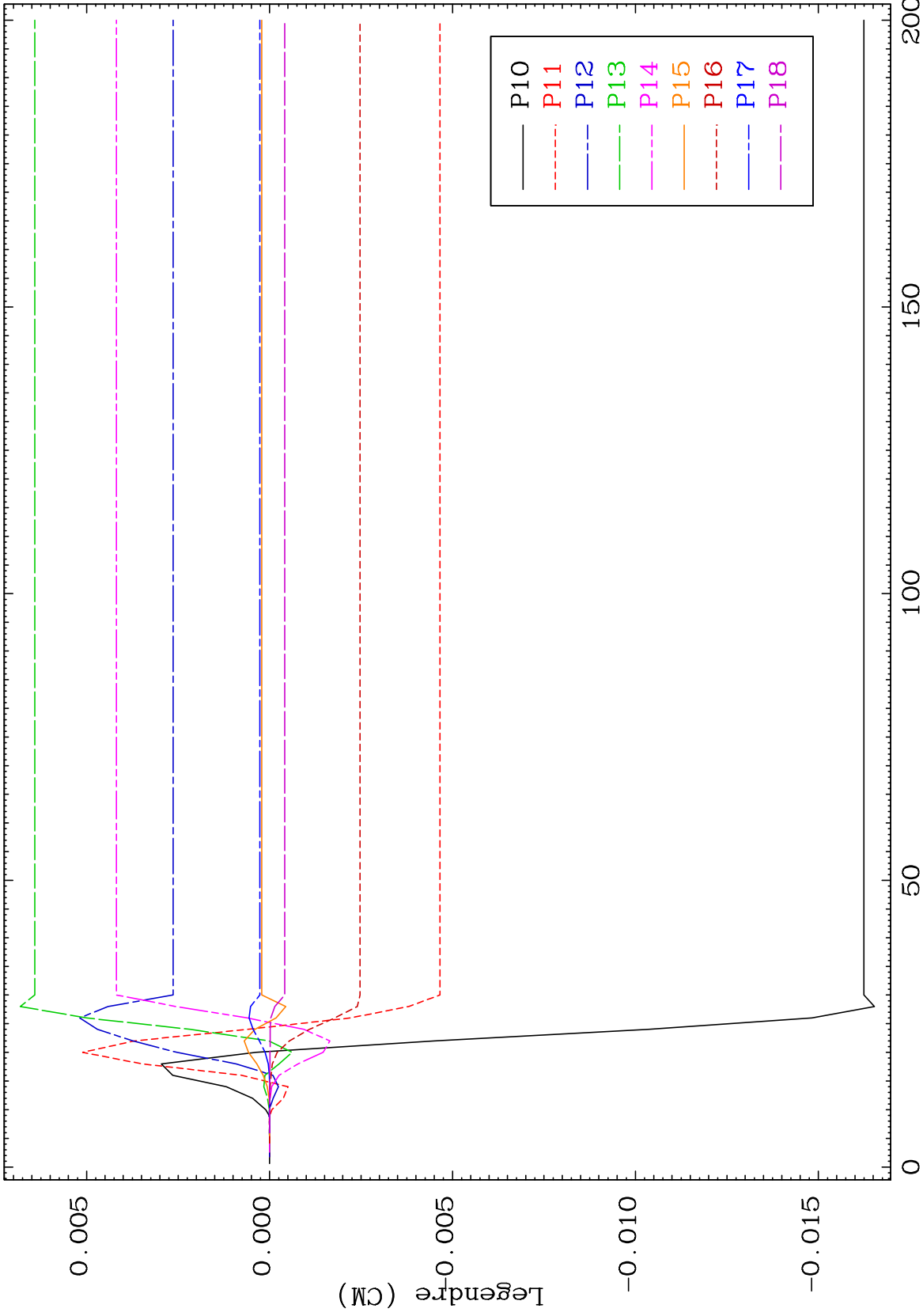
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



54

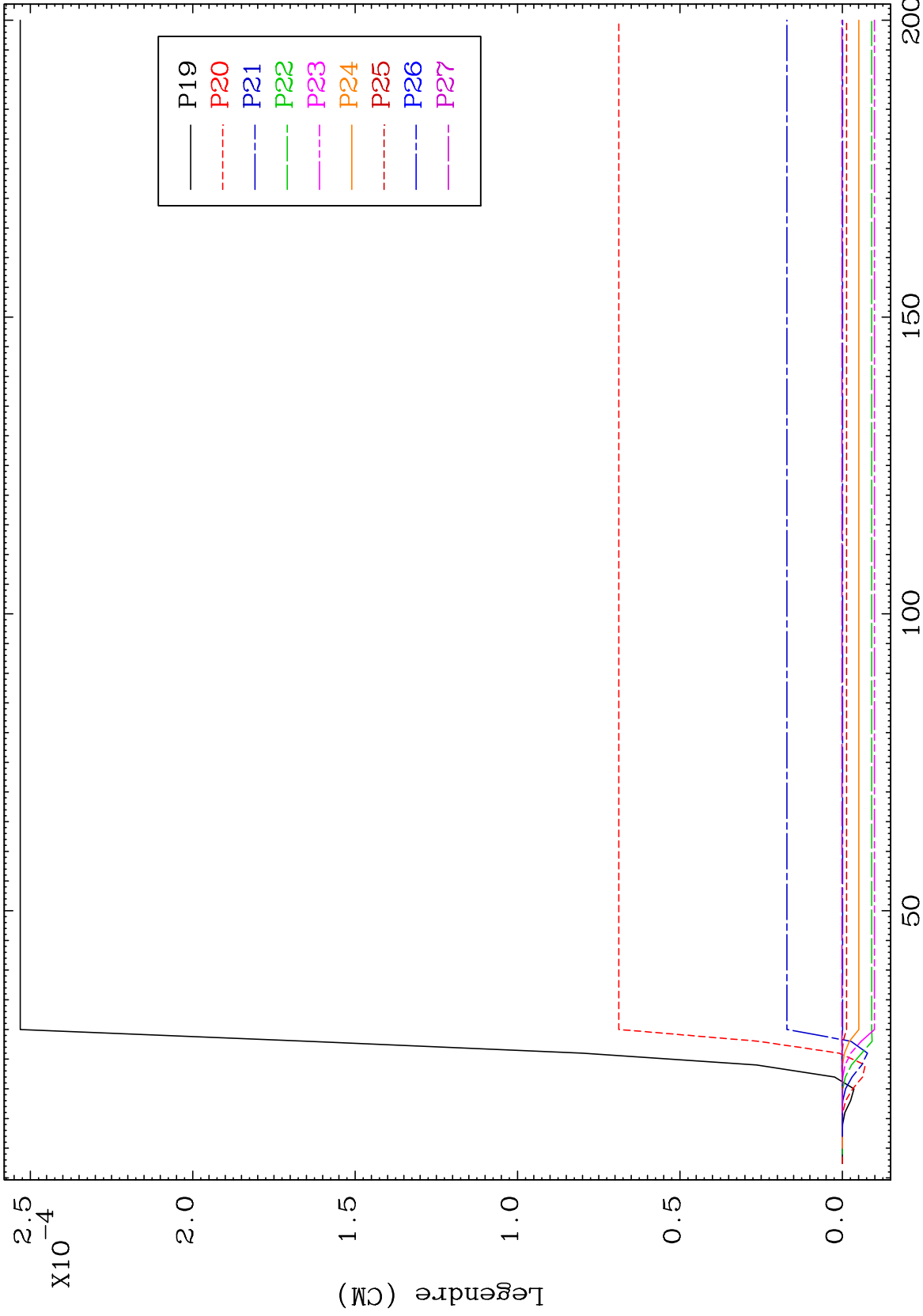
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



55

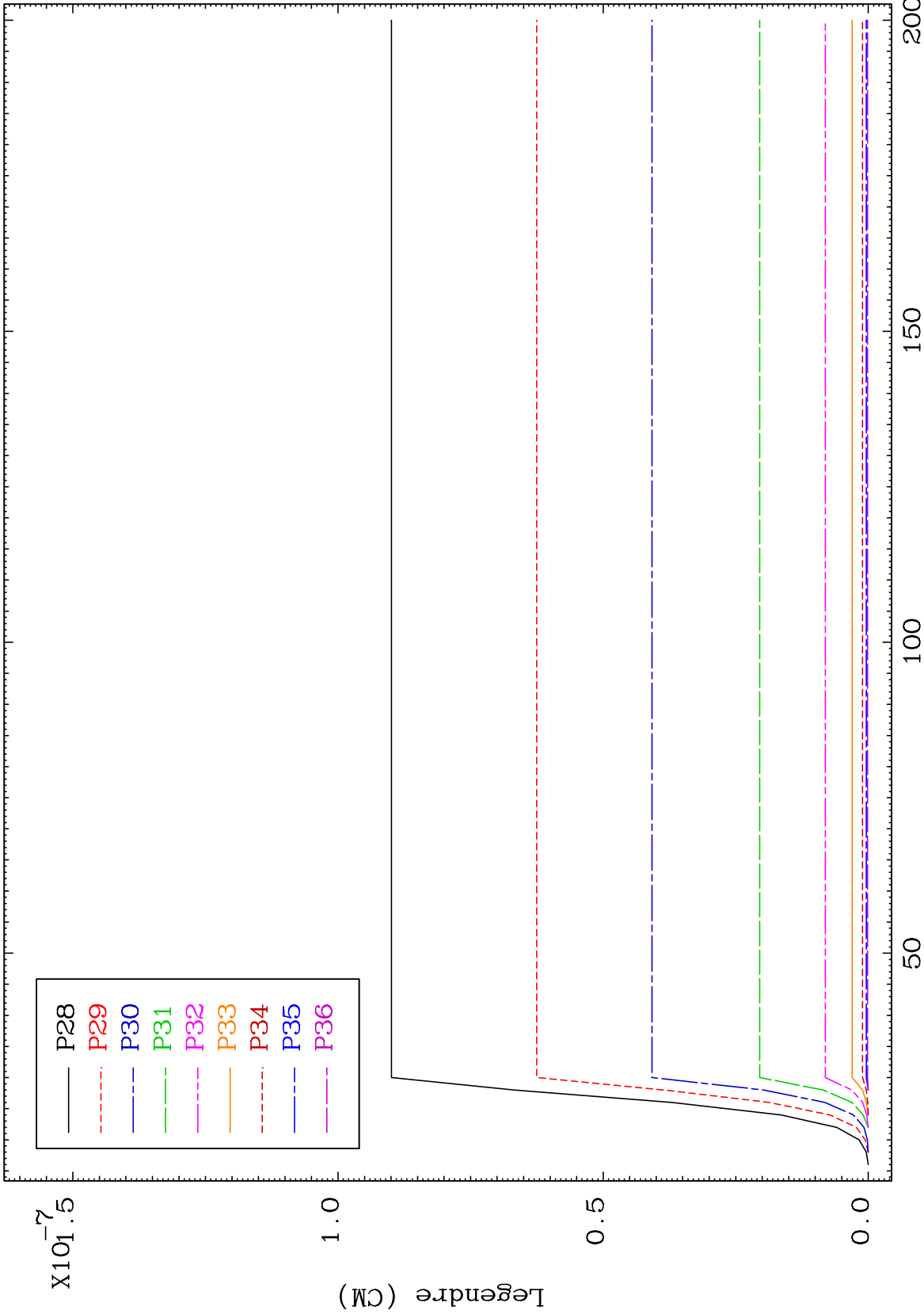
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171

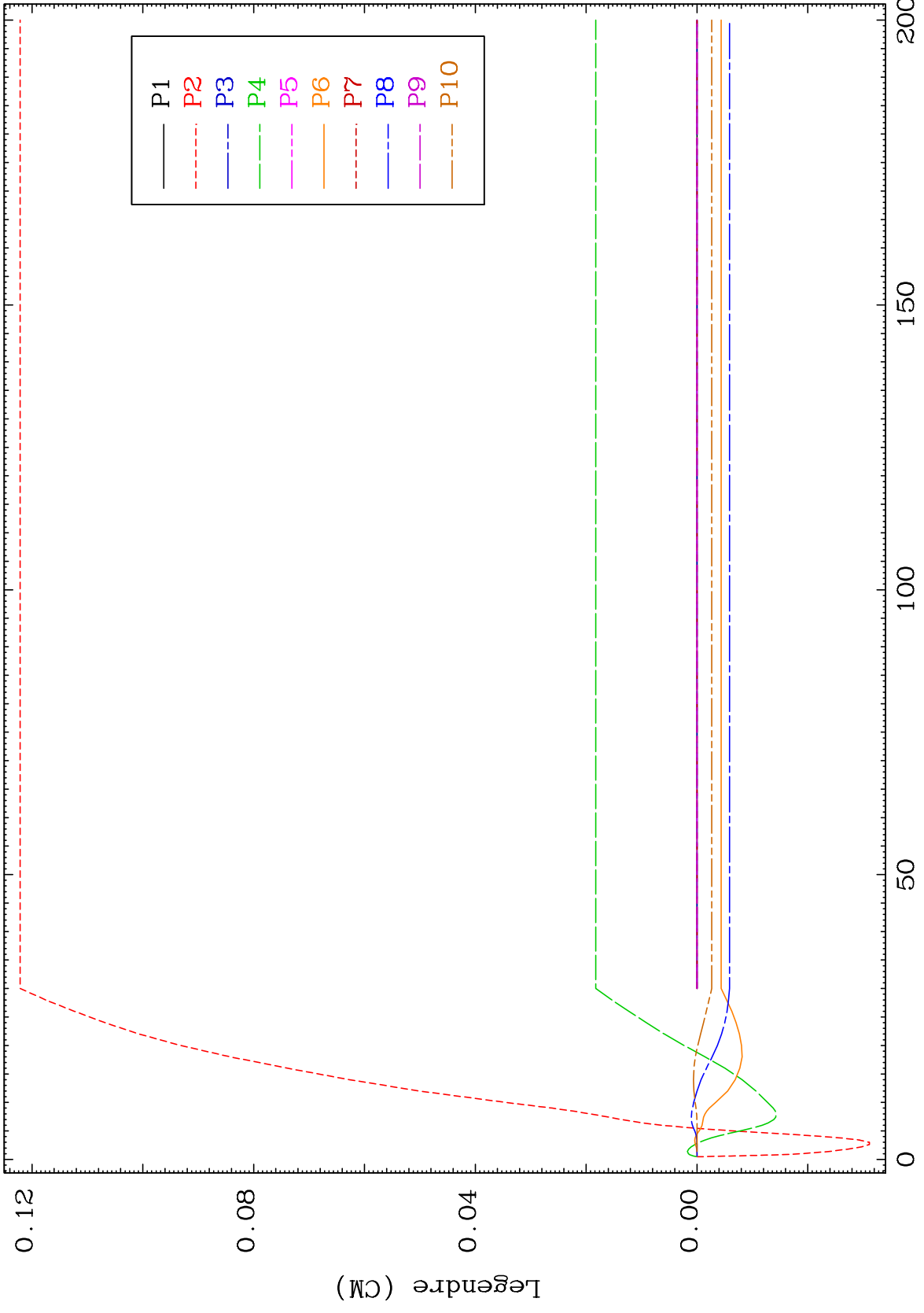


56

Incident Energy (MeV)

77-Ir-171

MAT 7665 MT= 60 (n,n') Level Legendre Coefficients 77-Ir-171

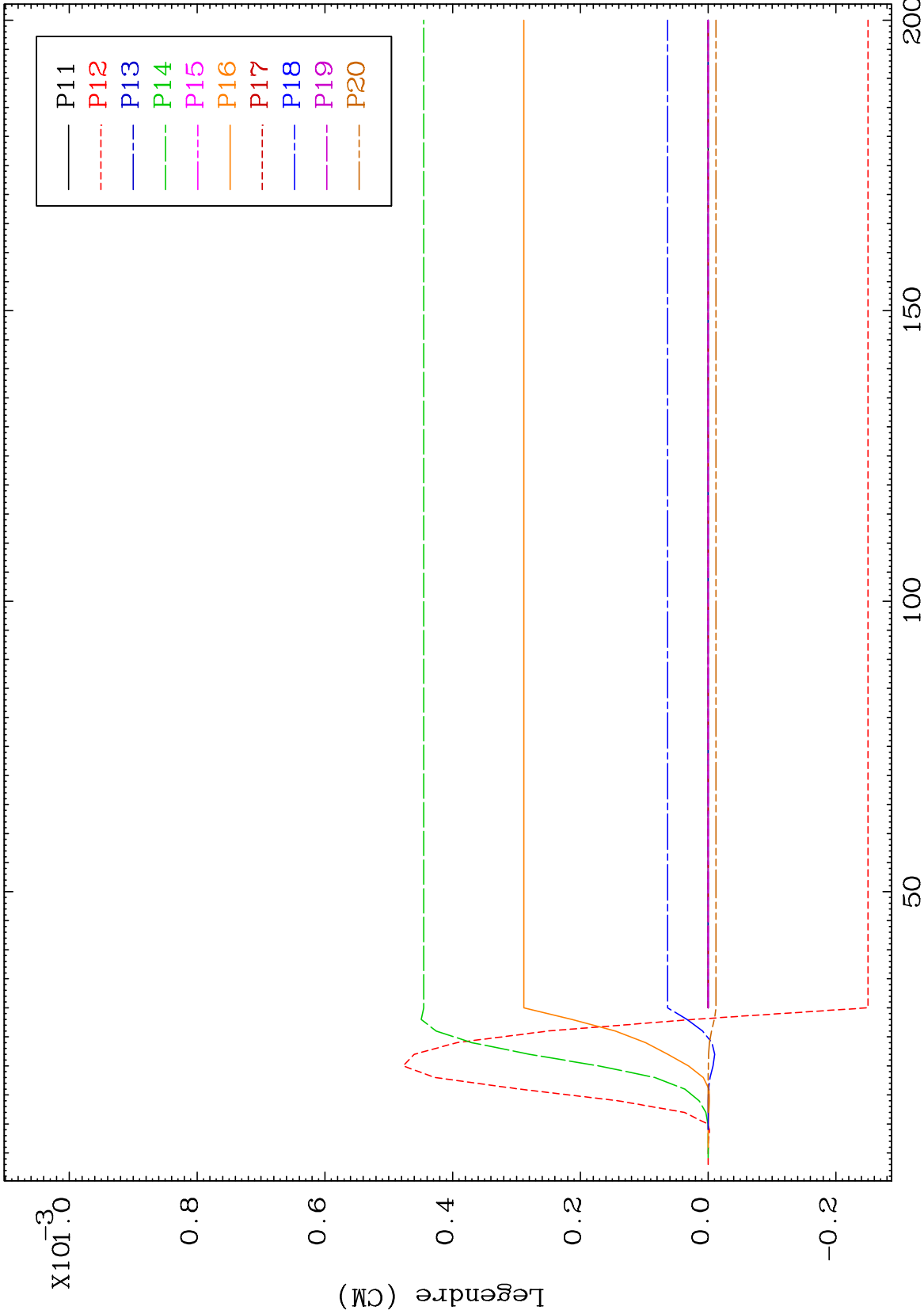


57 77-Ir-171

MAT 7665

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

77-Ir-171

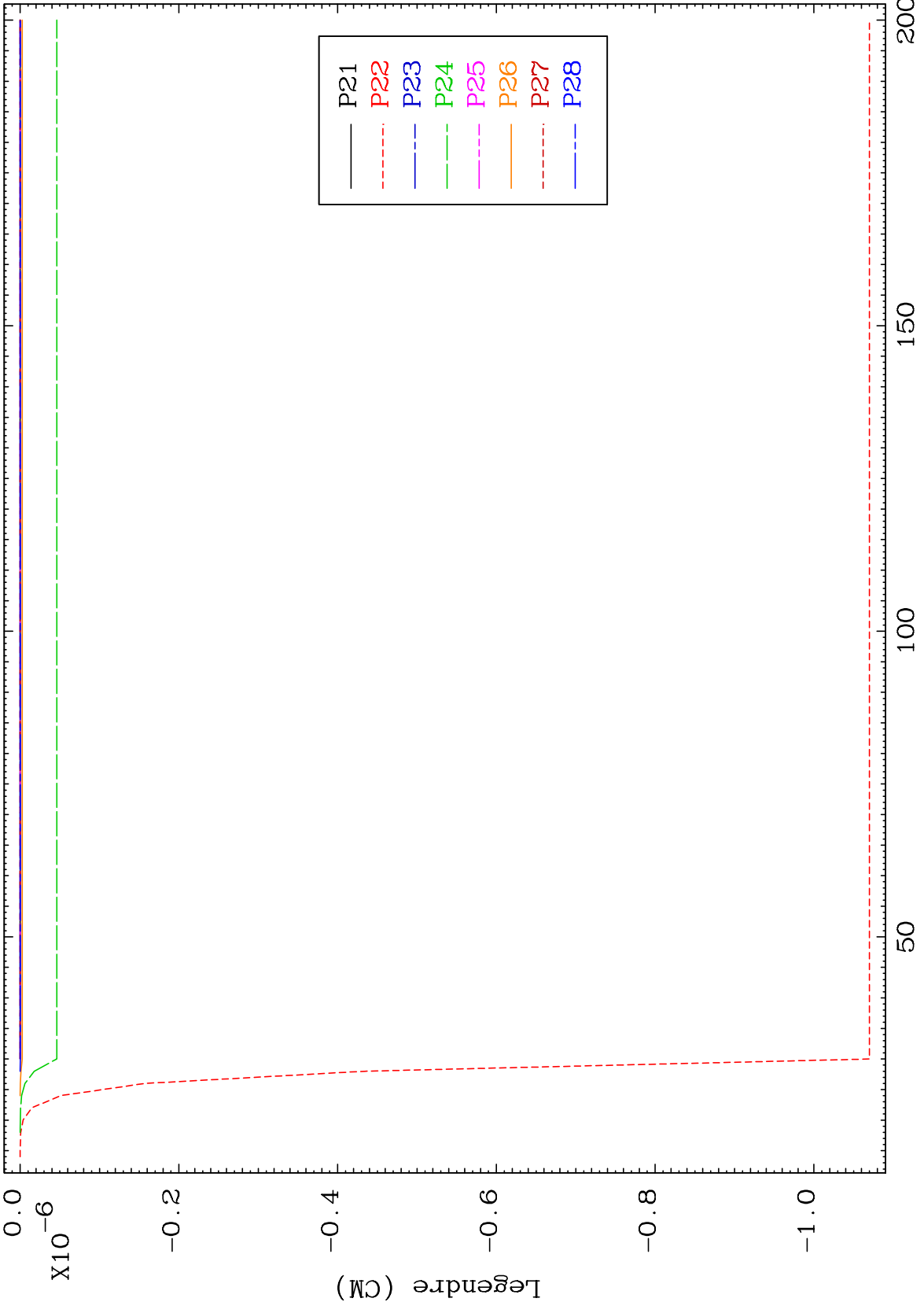


58

Incident Energy (MeV)

77-Ir-171

MAT 7665 MT= 60 (n,n') Level Legendre Coefficients 77-Ir-171

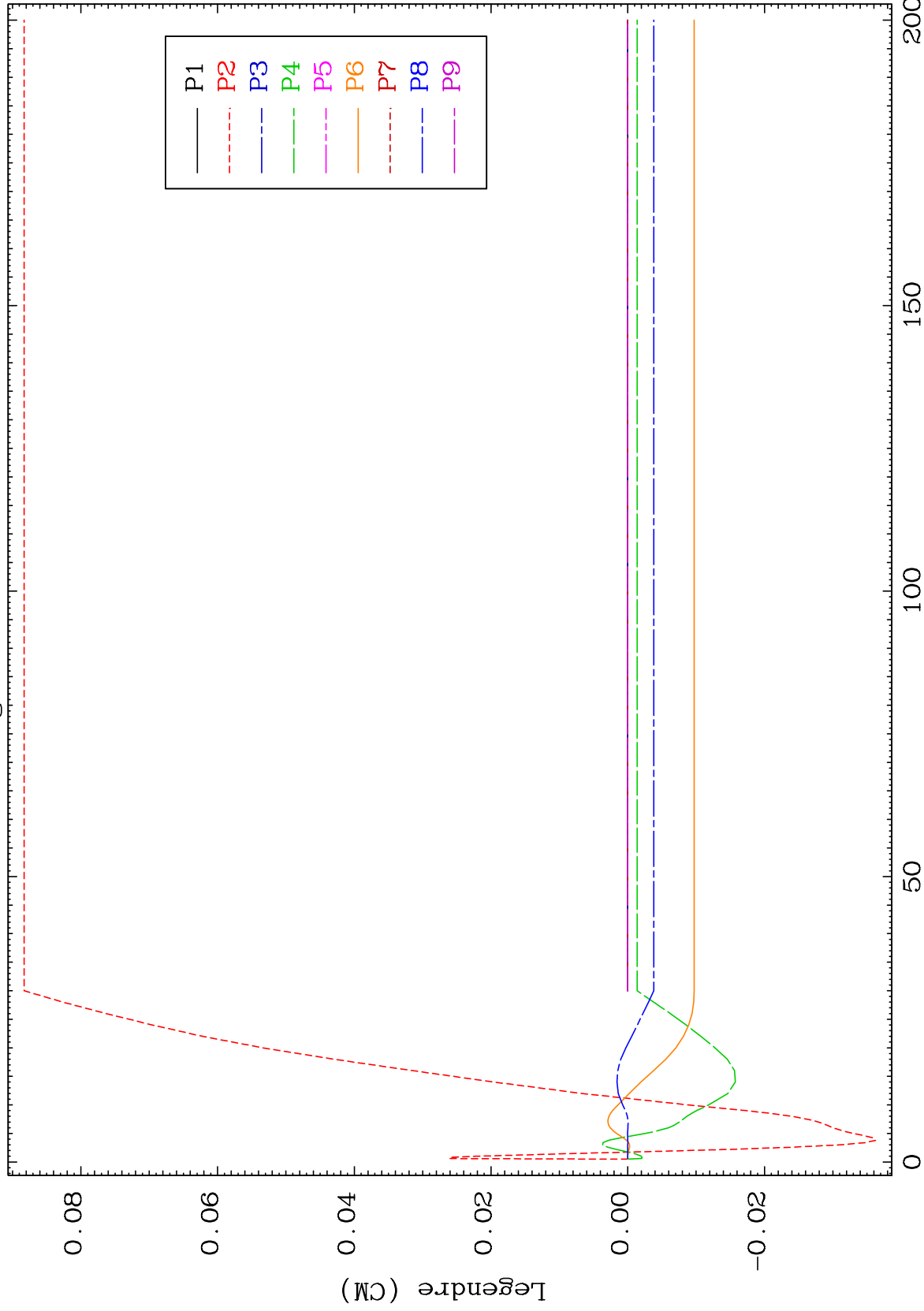


59 77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

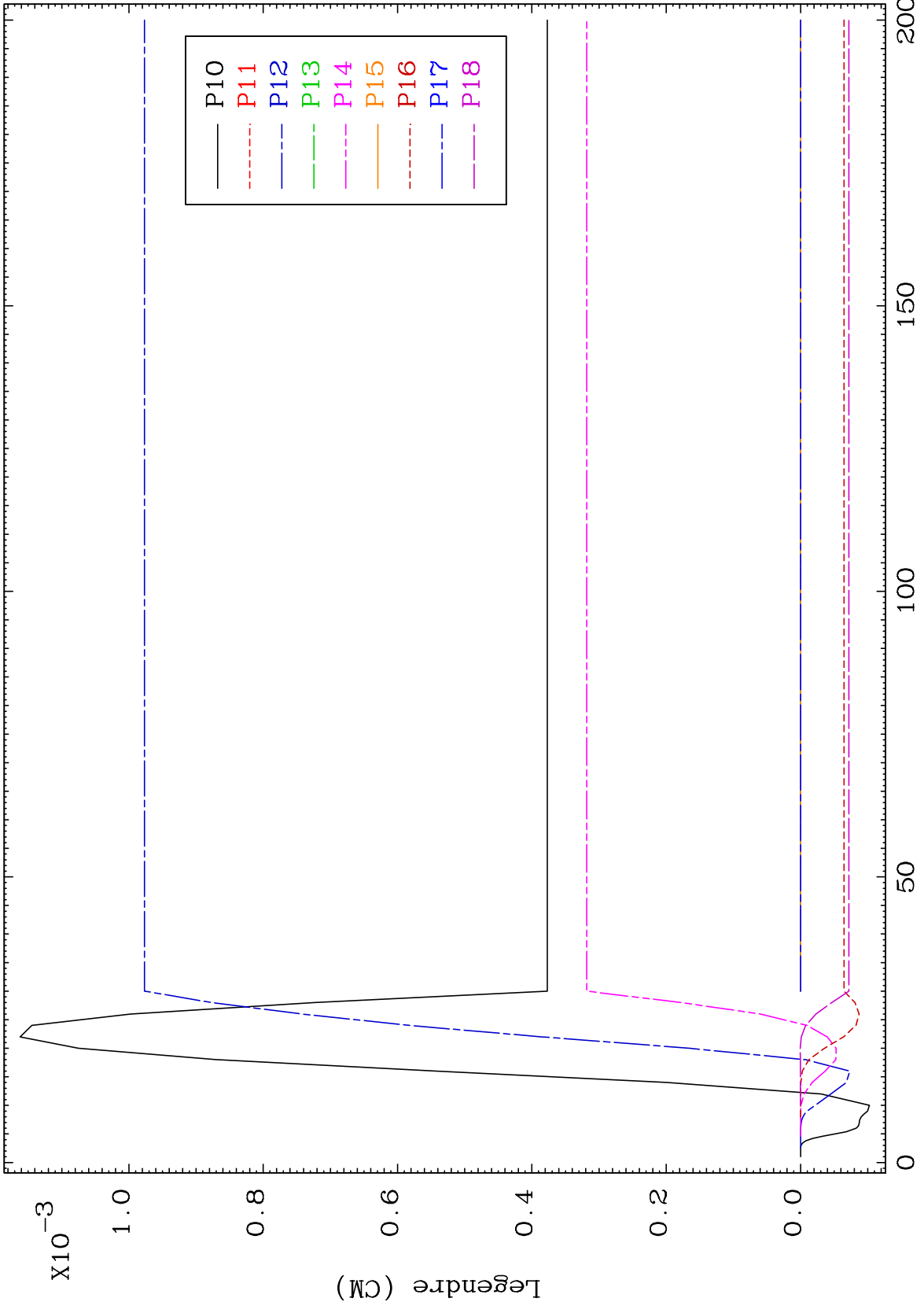
Incident Energy (MeV)

60

MAT 7665

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

77-Ir-171



61

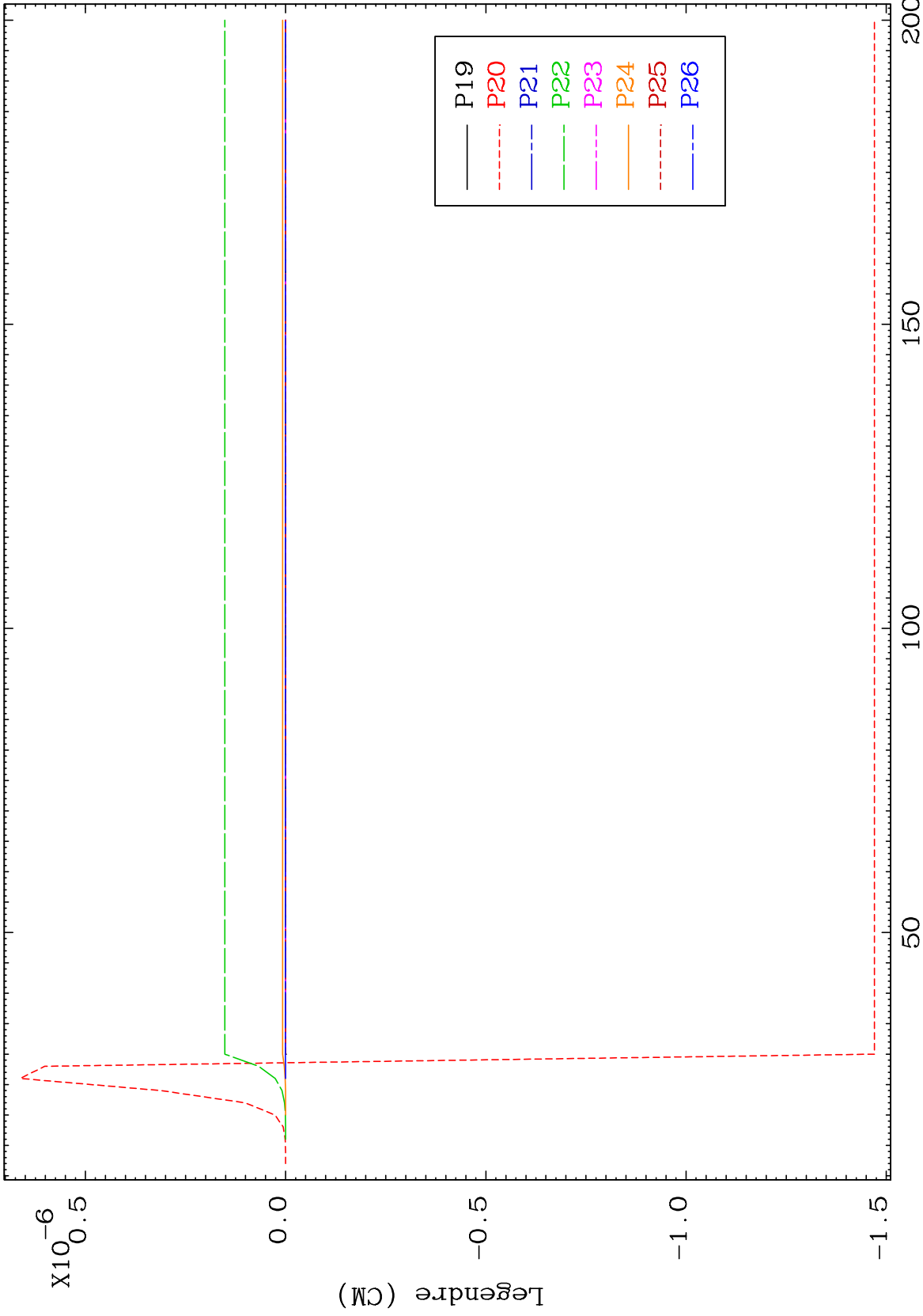
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



62

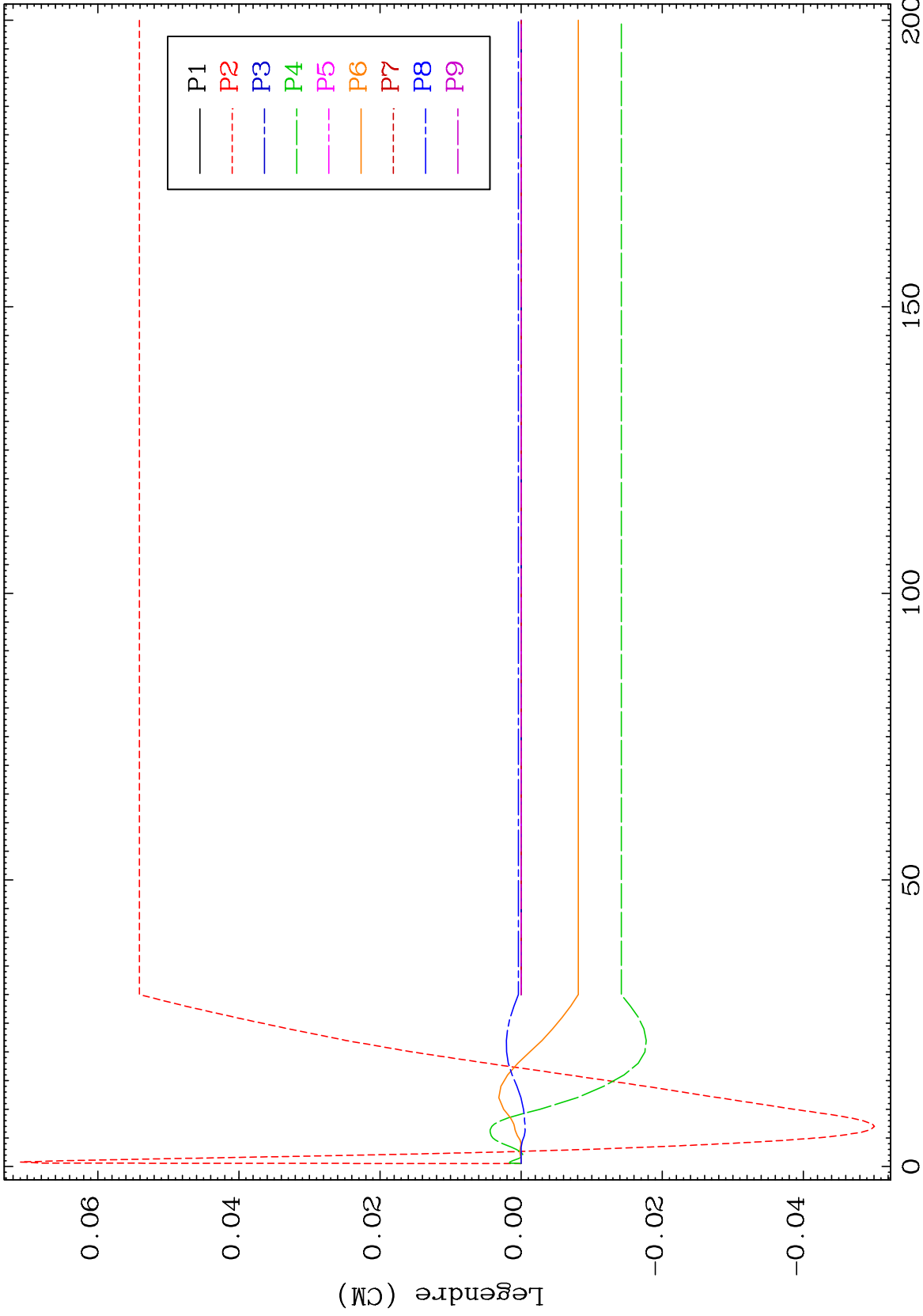
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



63

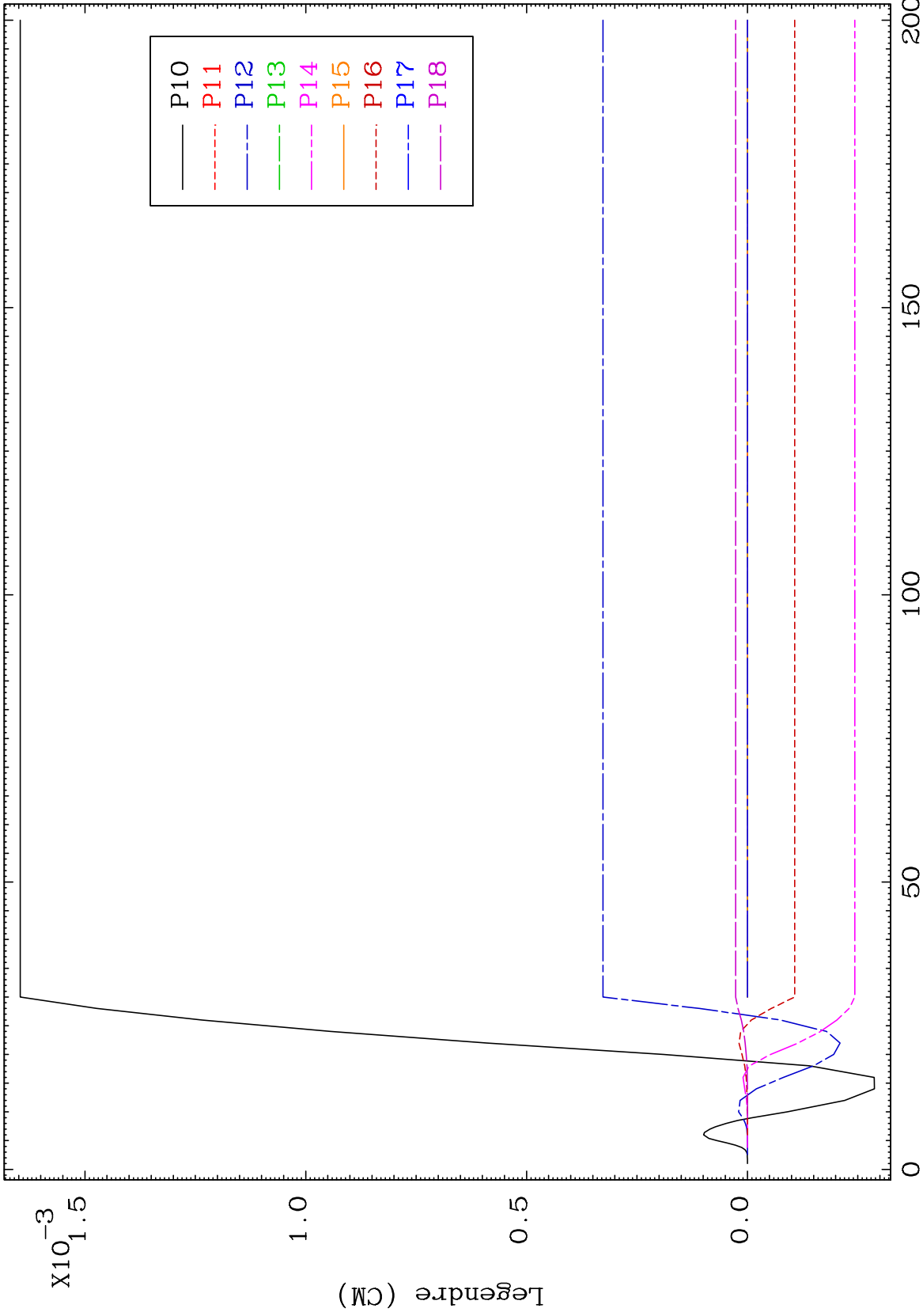
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



64

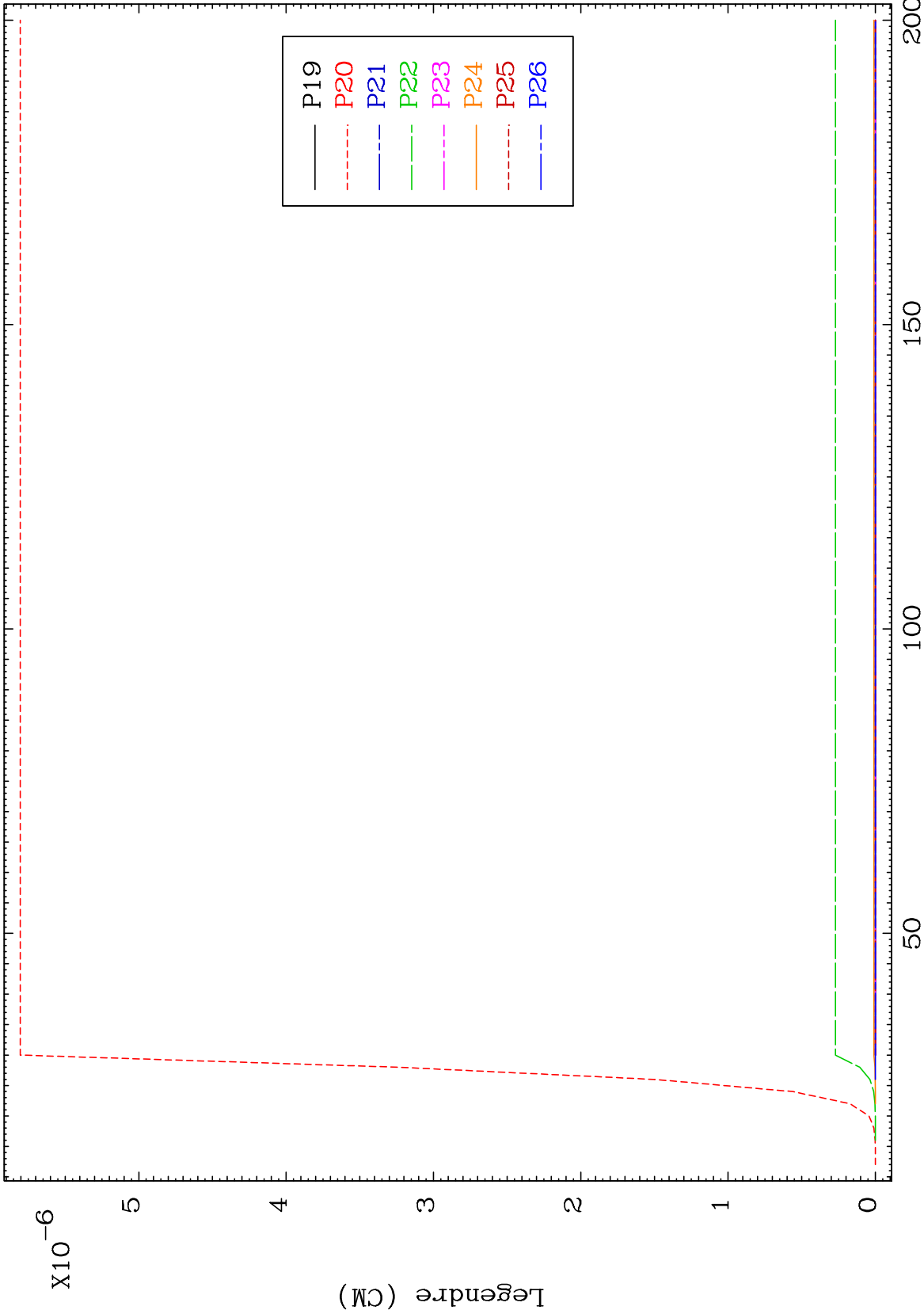
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



65

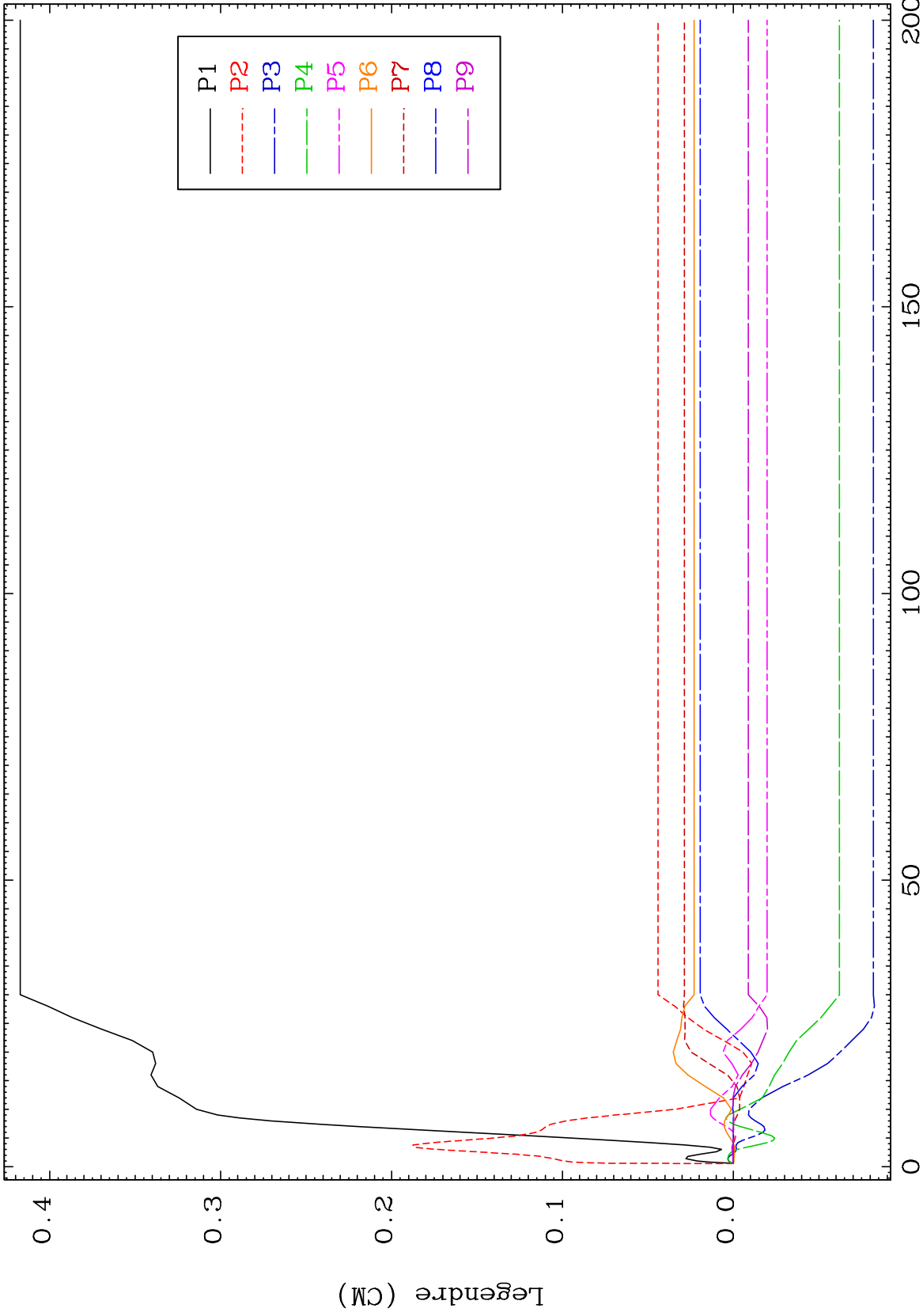
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



66

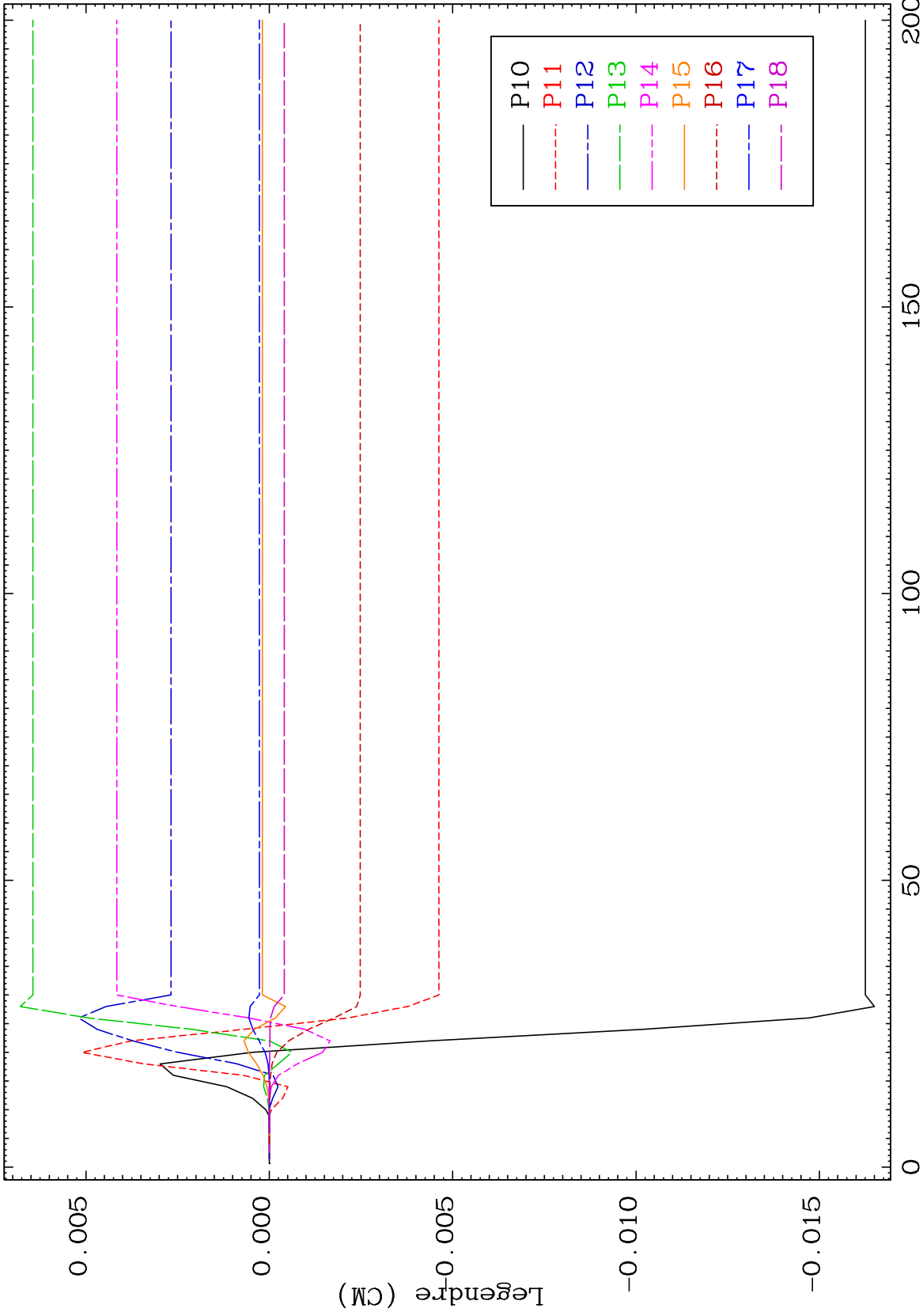
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



67

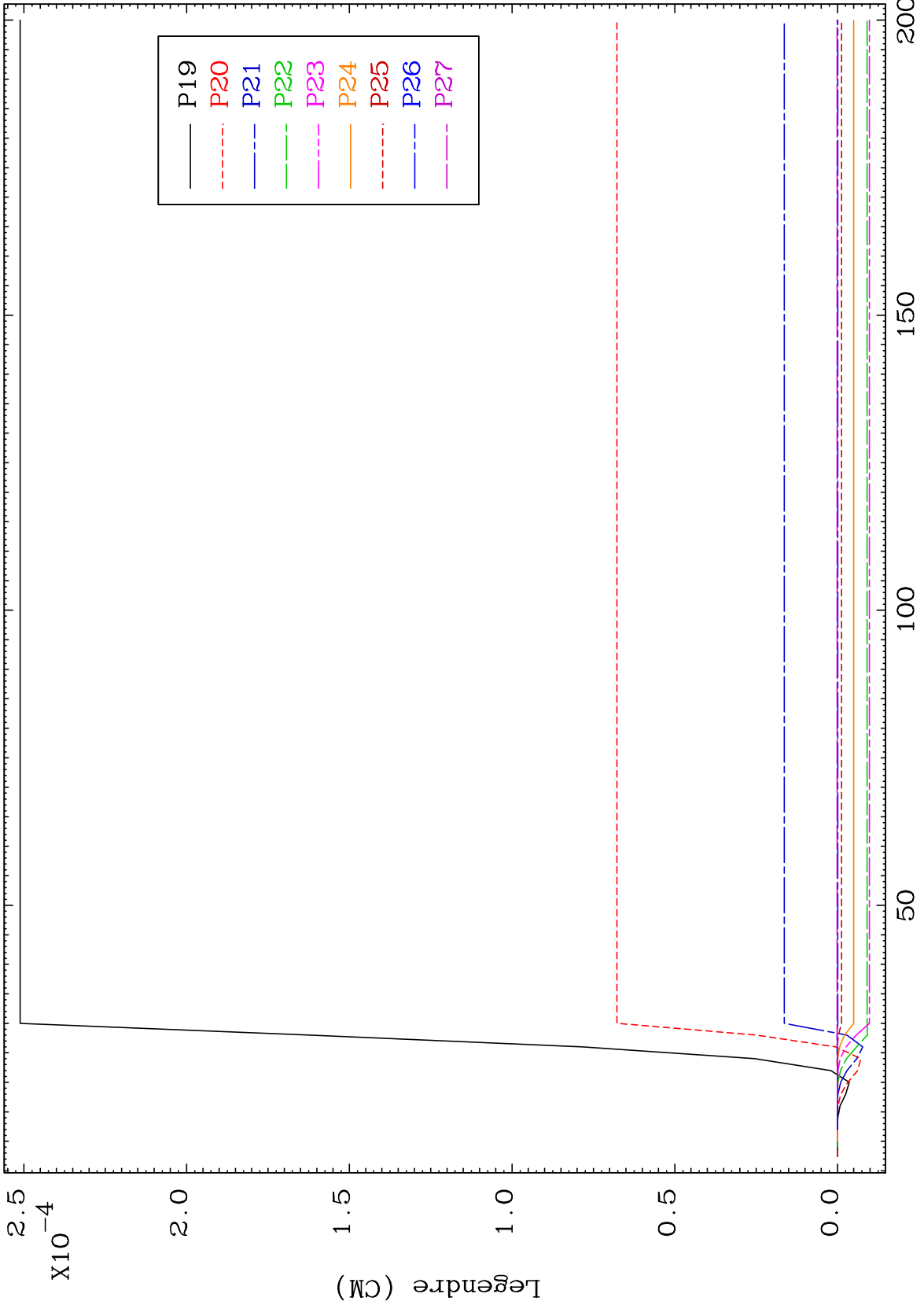
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



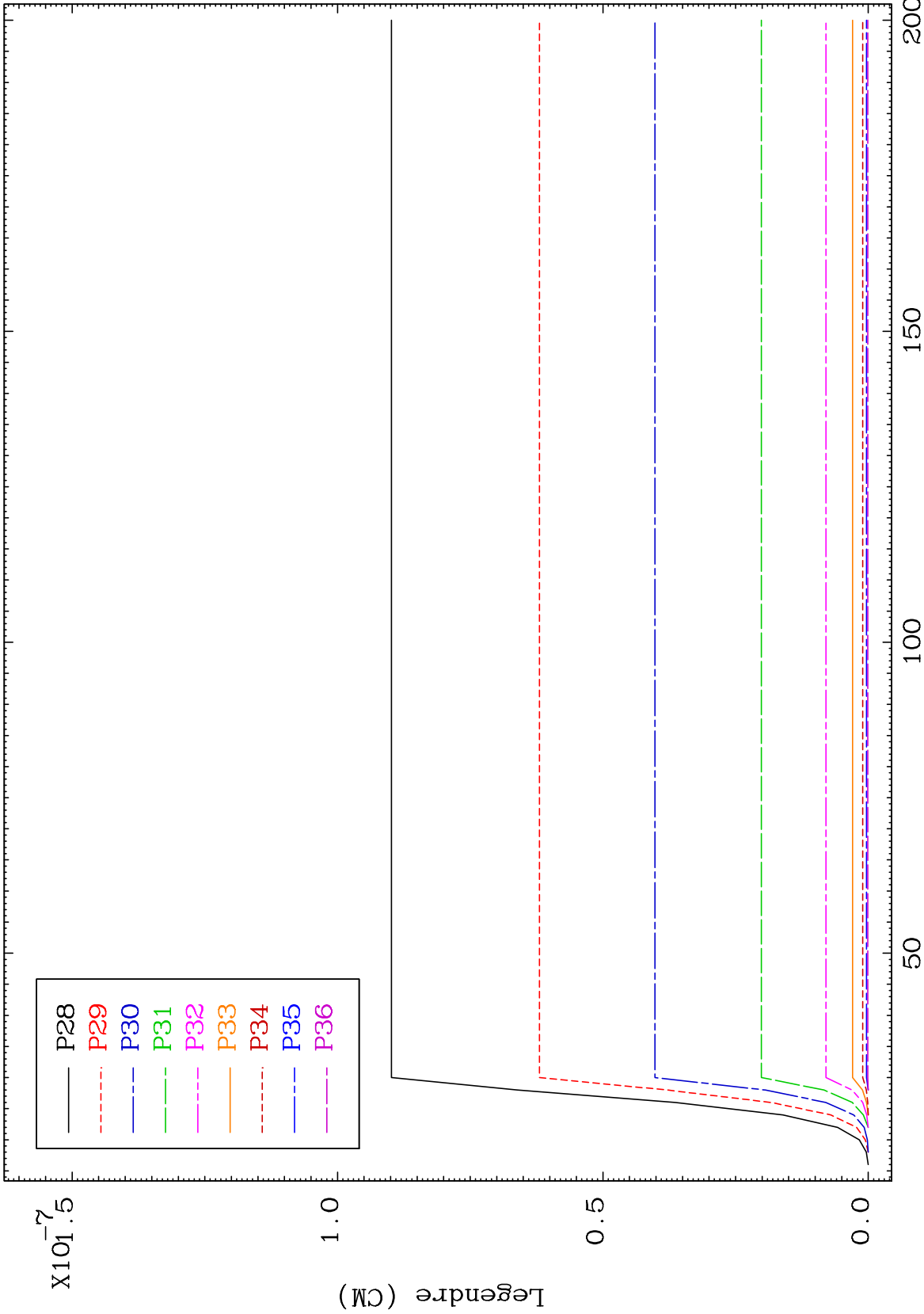
68

77-Ir-171

MAT 7665

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

77-Ir-171



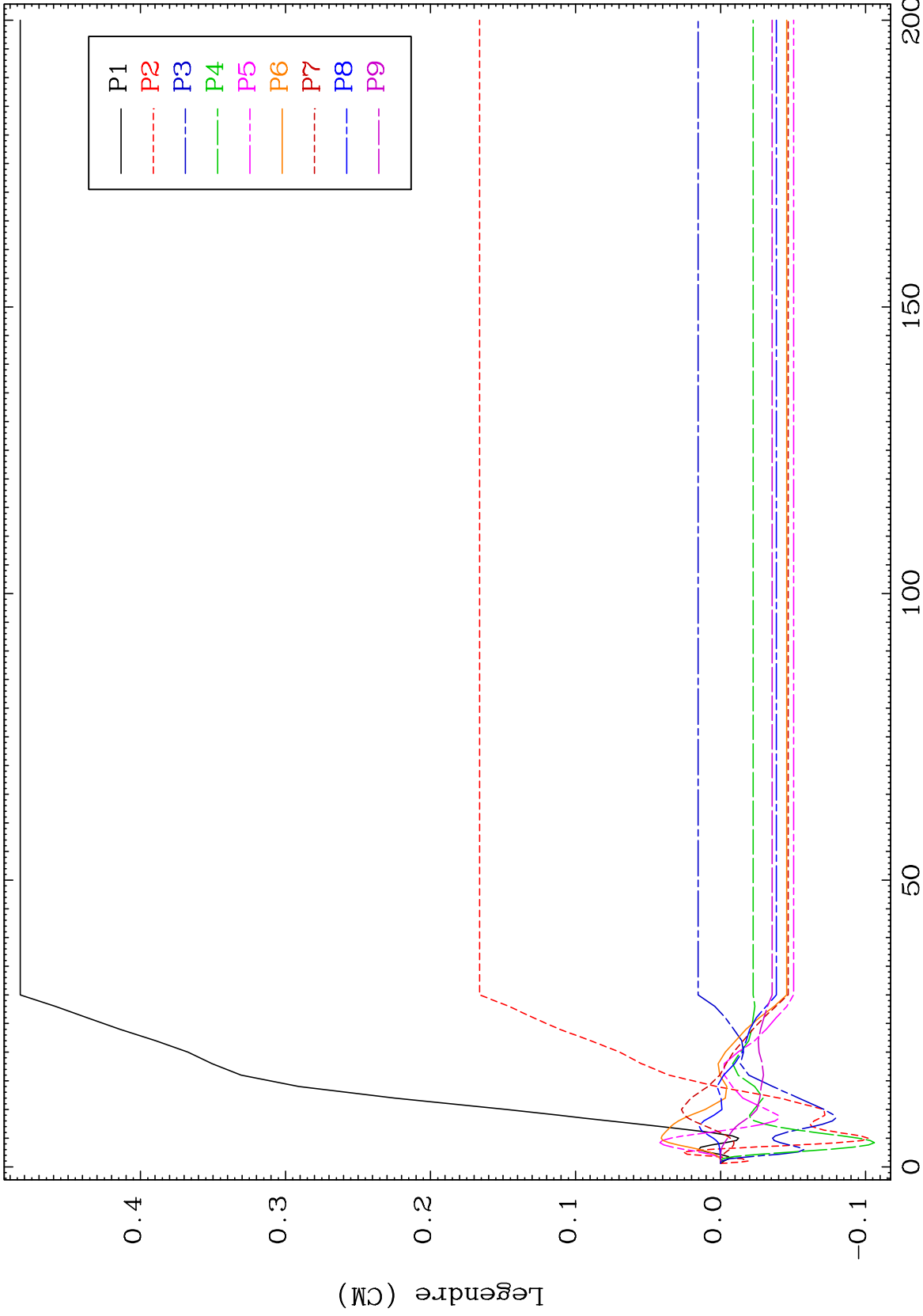
69

77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

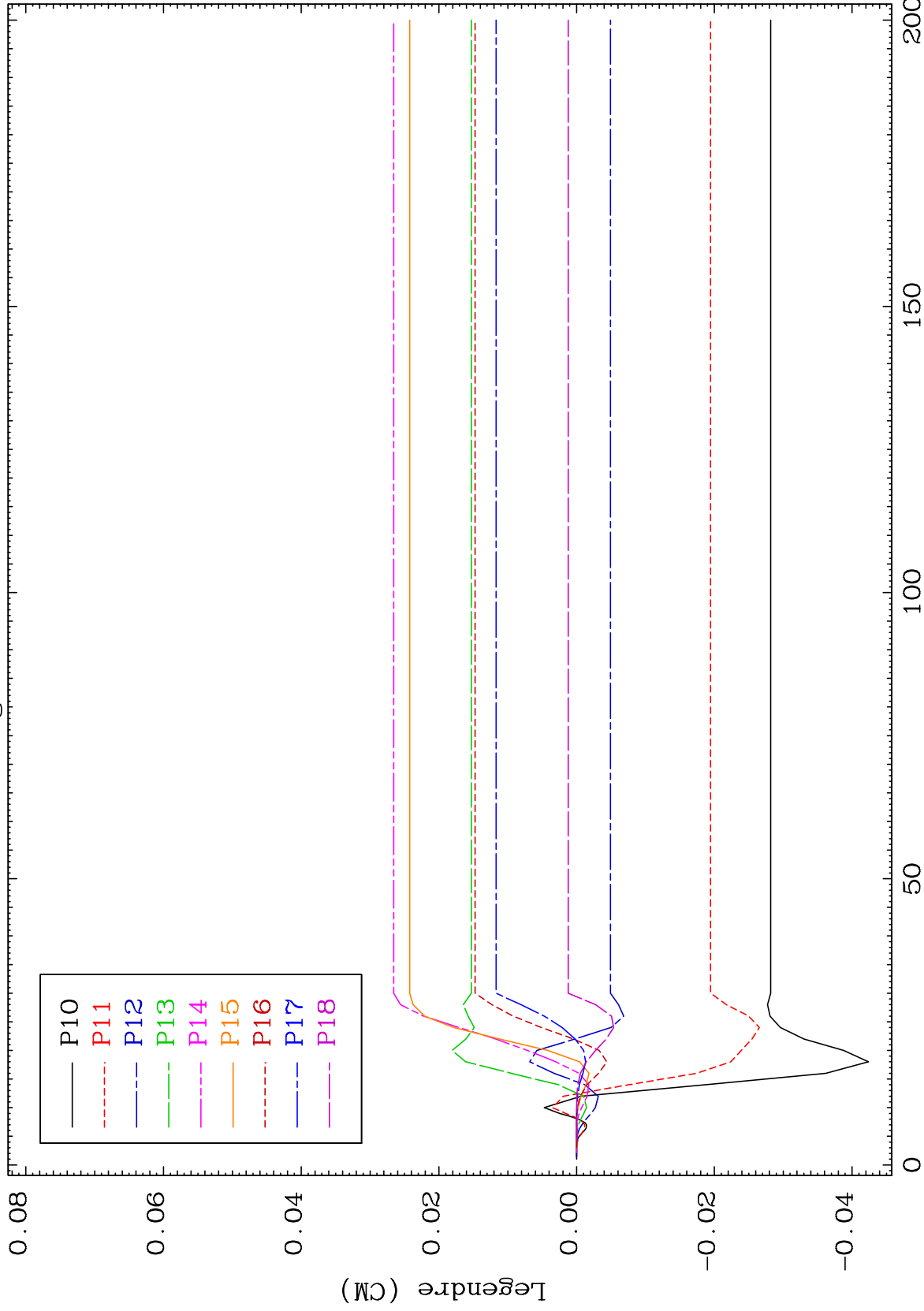
Incident Energy (MeV)

70

MAT 7665

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

77-Ir-171



71

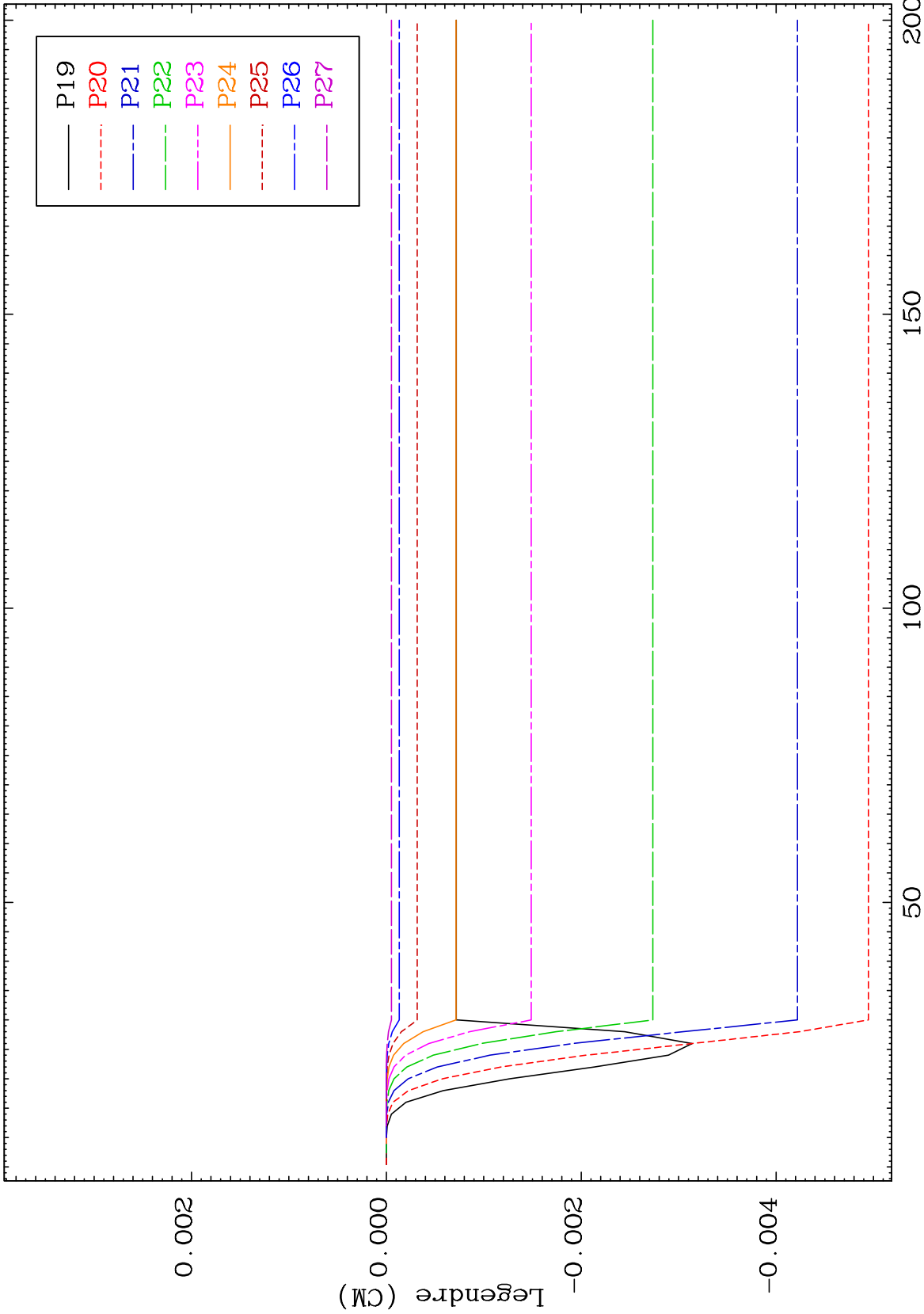
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



72

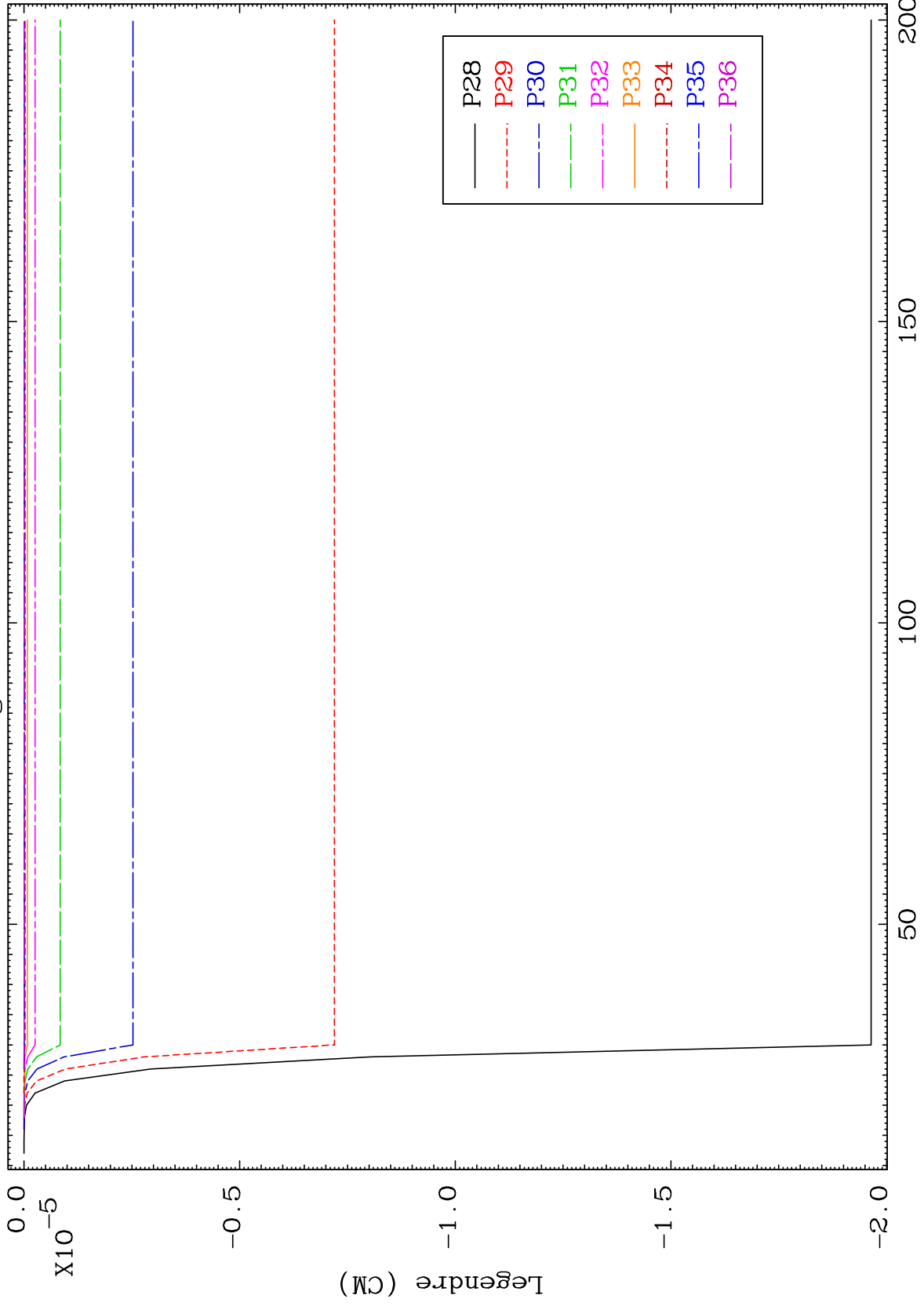
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

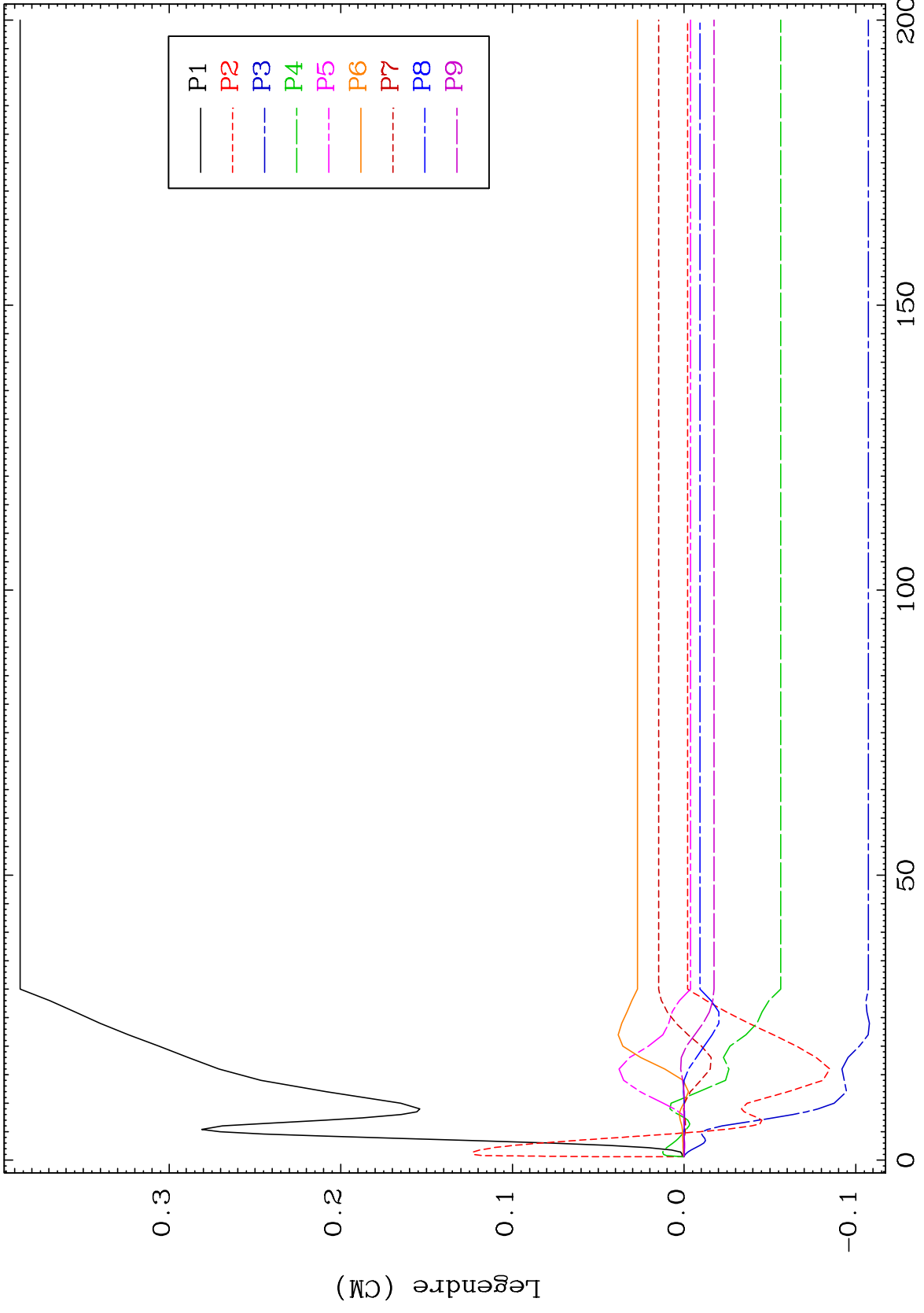
Incident Energy (MeV)

73

MAT 7665

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

77-Ir-171



74

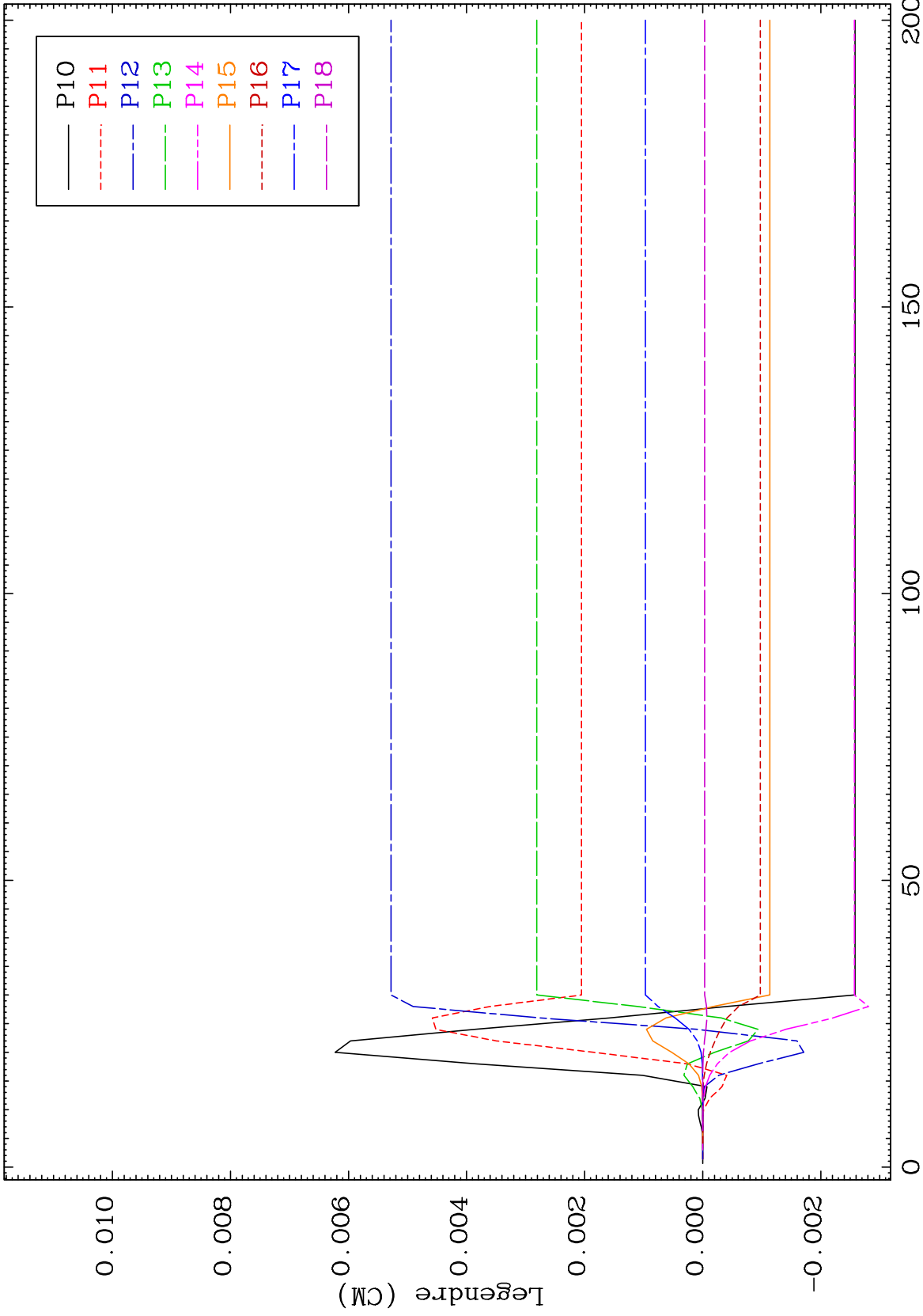
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



75

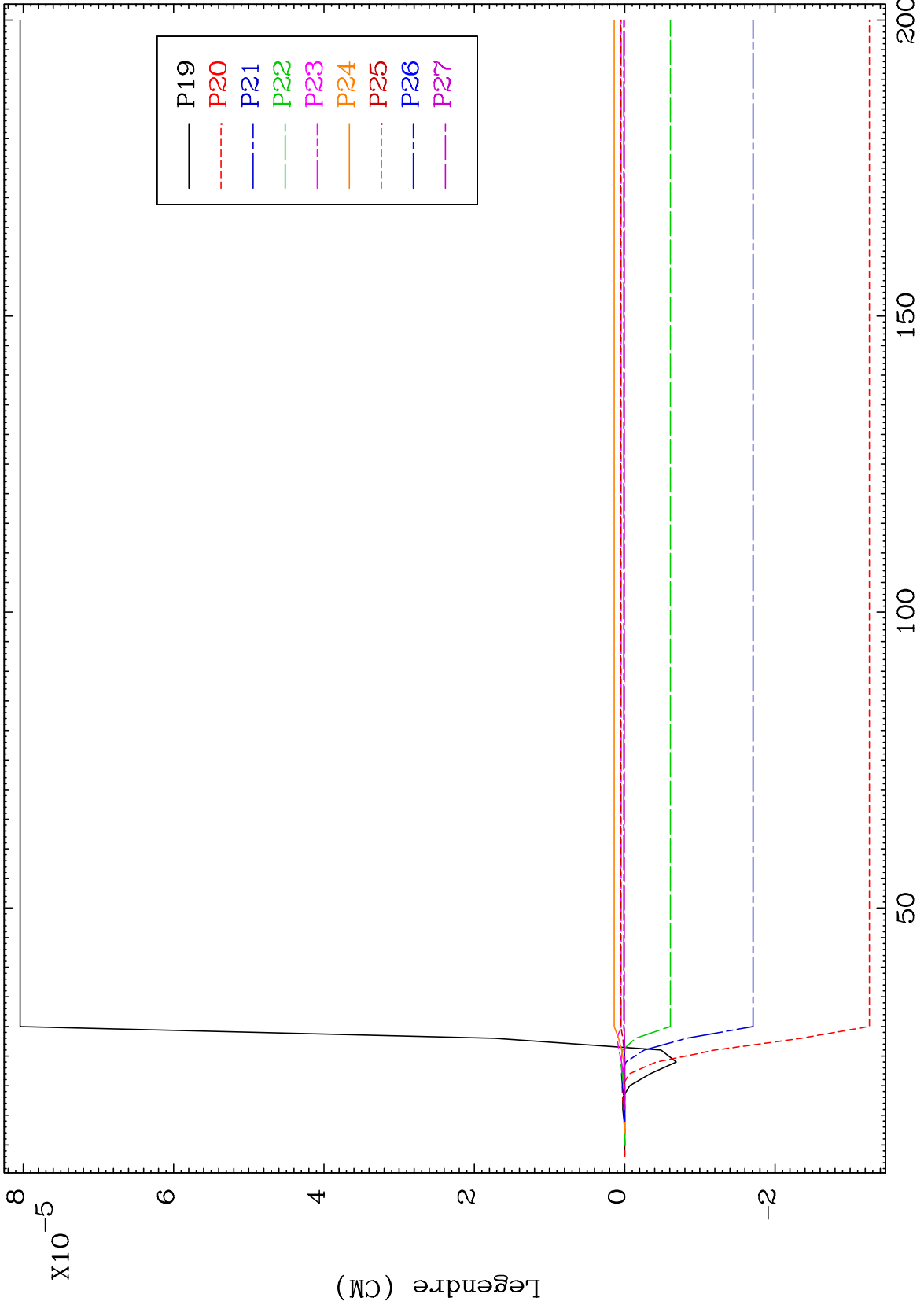
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



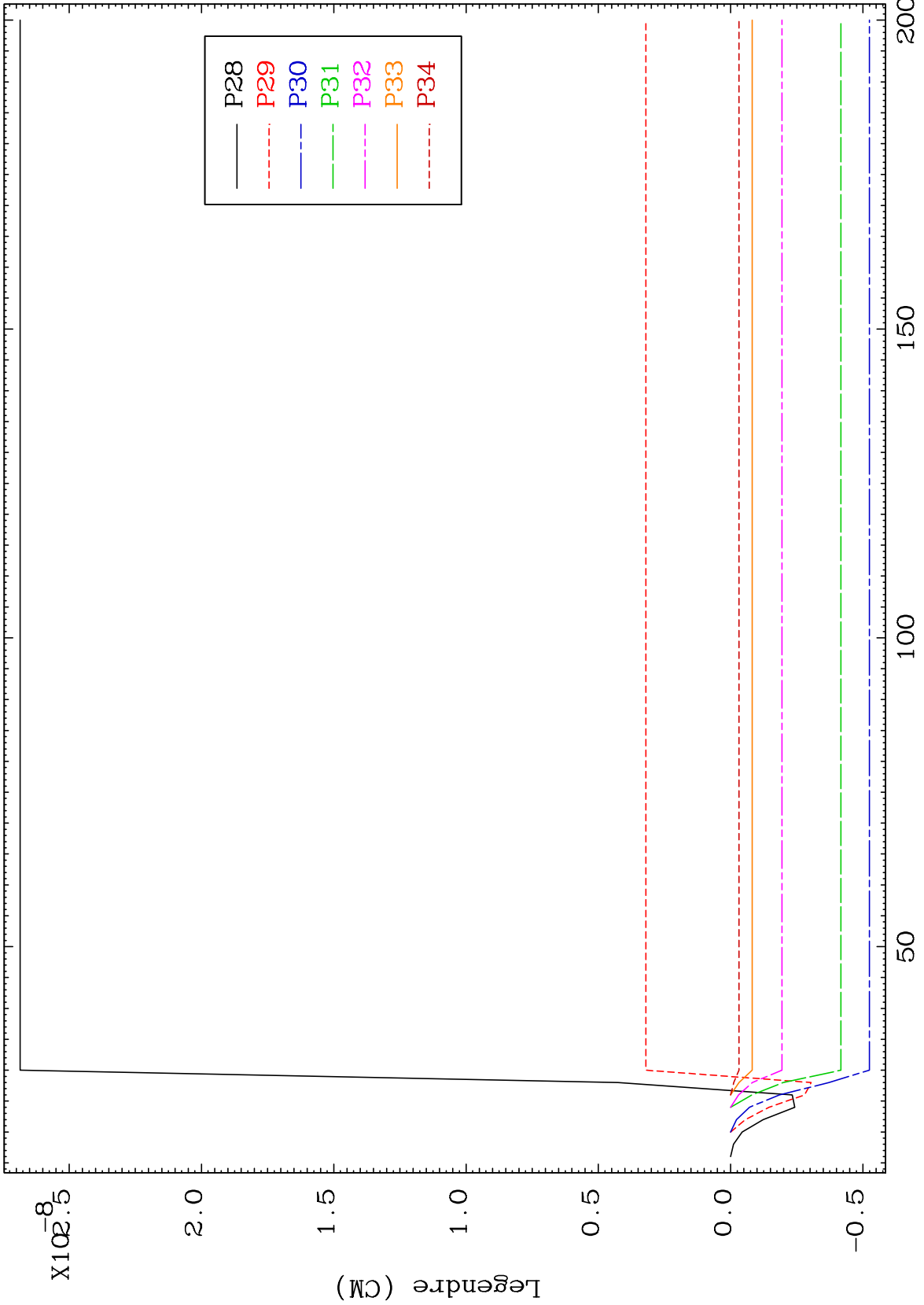
76

77-Ir-171

MAT 7665

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

77-Ir-171



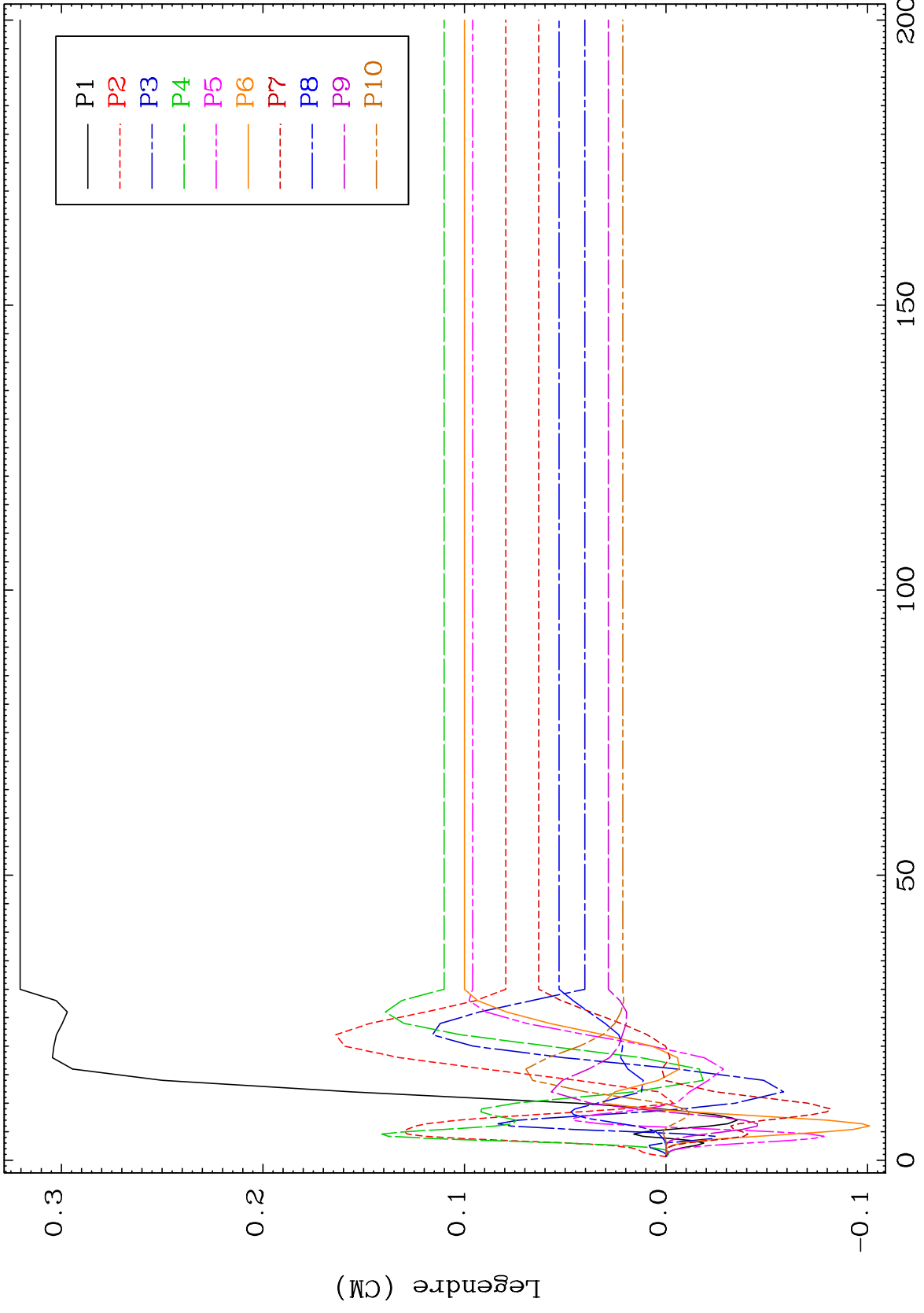
77

77-Ir-171

MAT 7665

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

77-Ir-171



78

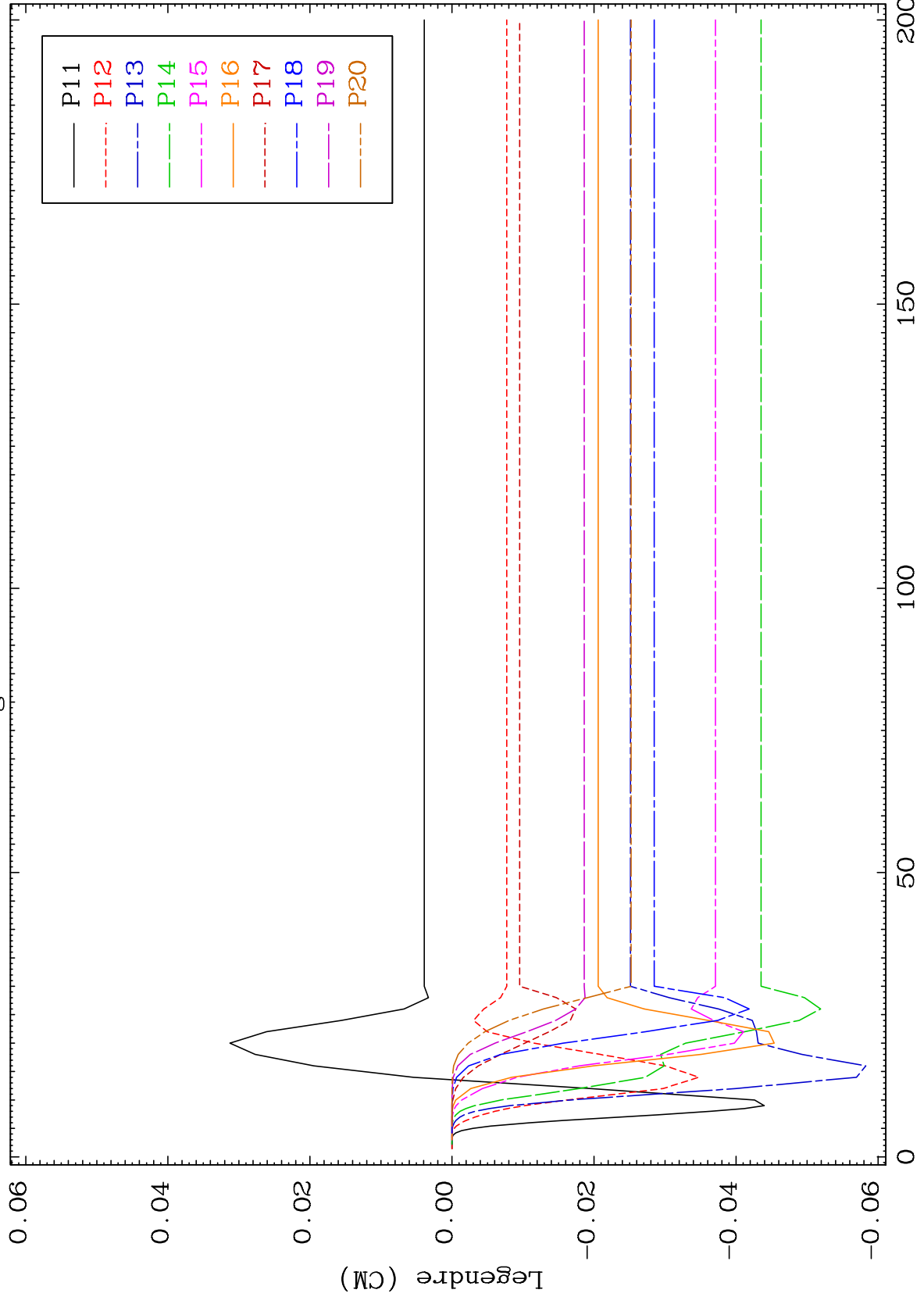
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171

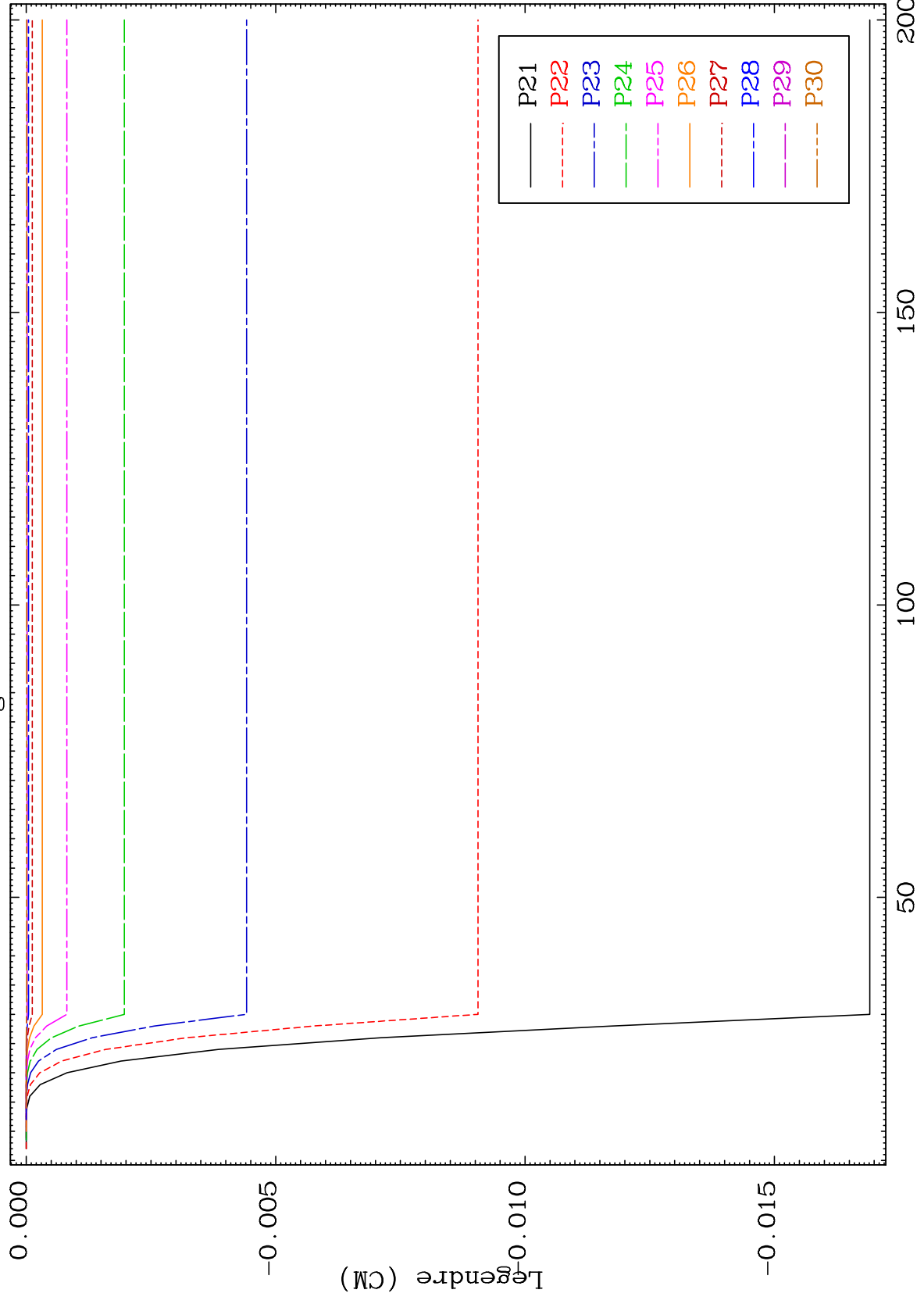


79

Incident Energy (MeV)

77-Ir-171

MAT 7665 MT= 66 (n,n') Level Legendre Coefficients 77-Ir-171

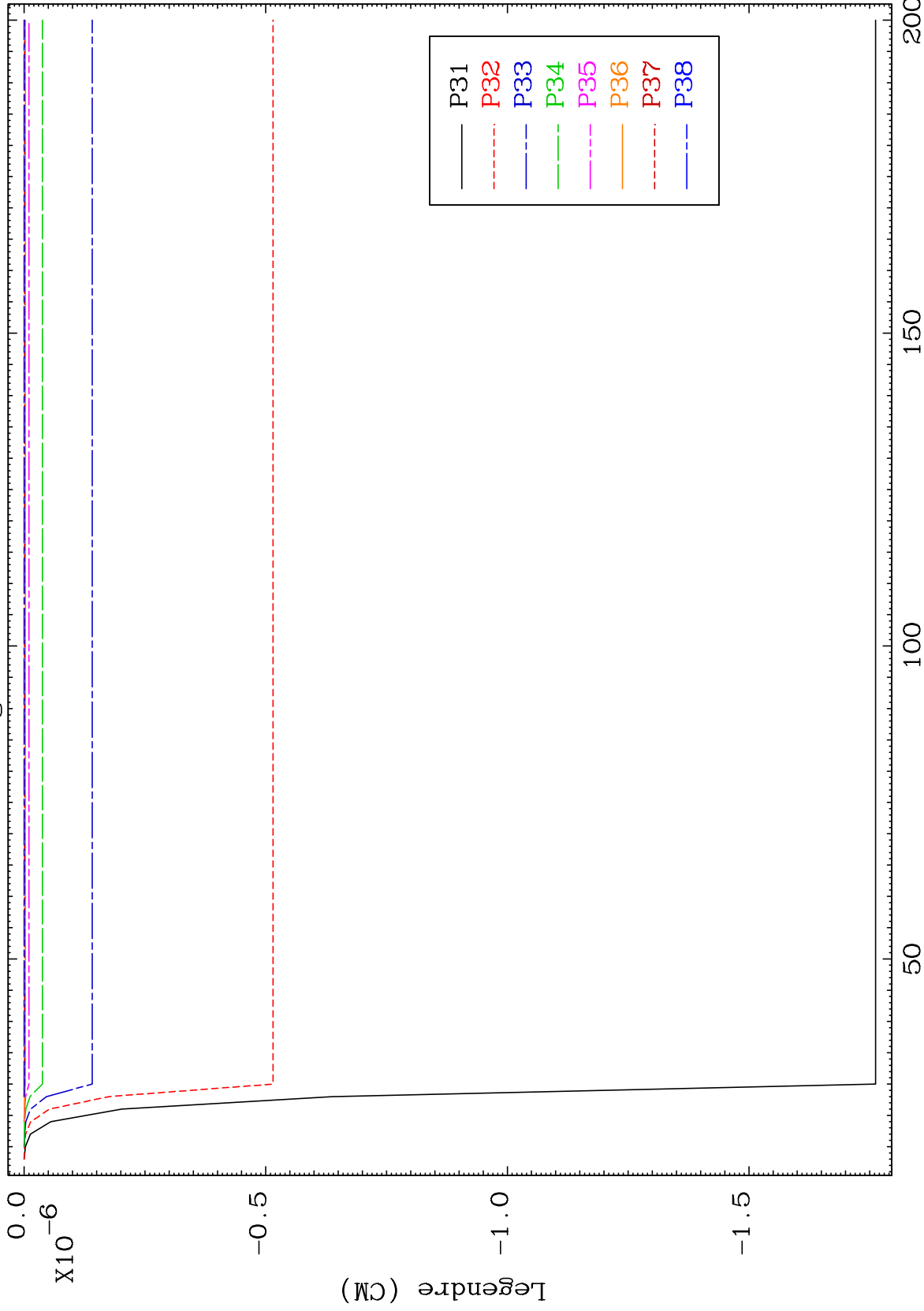


80 Incident Energy (MeV) 77-Ir-171

MAT 7665

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

77-Ir-171



81

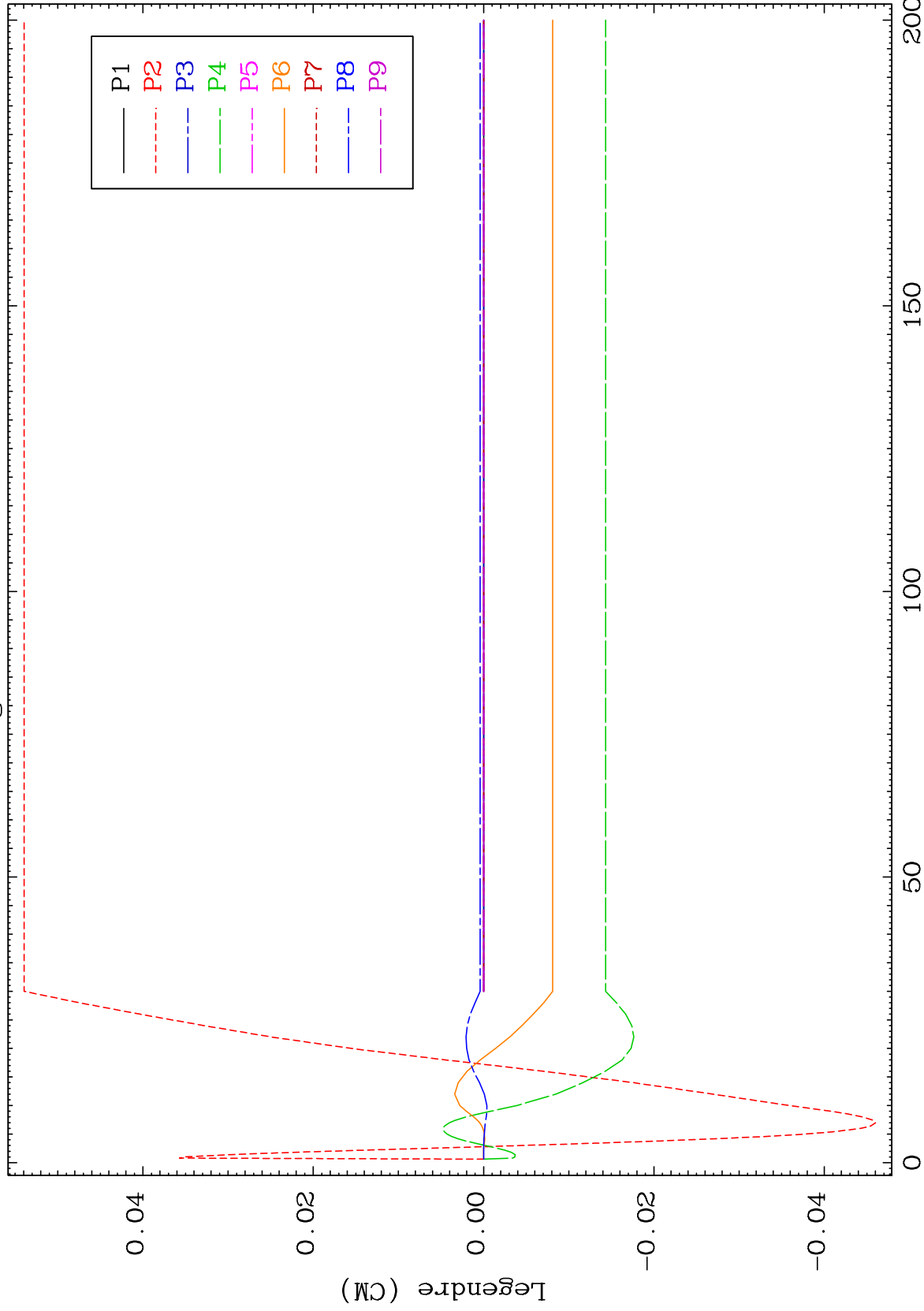
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



82

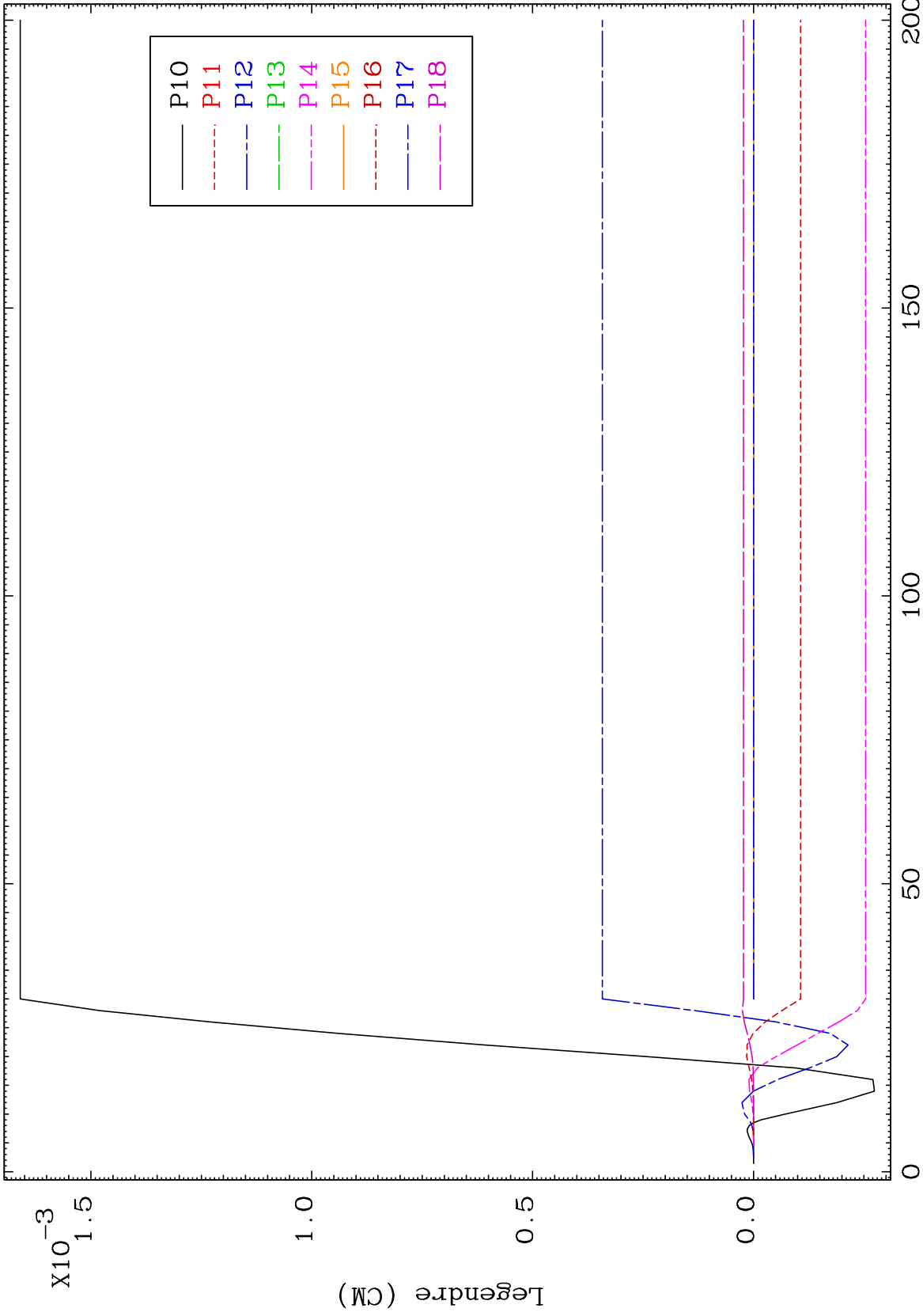
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



83

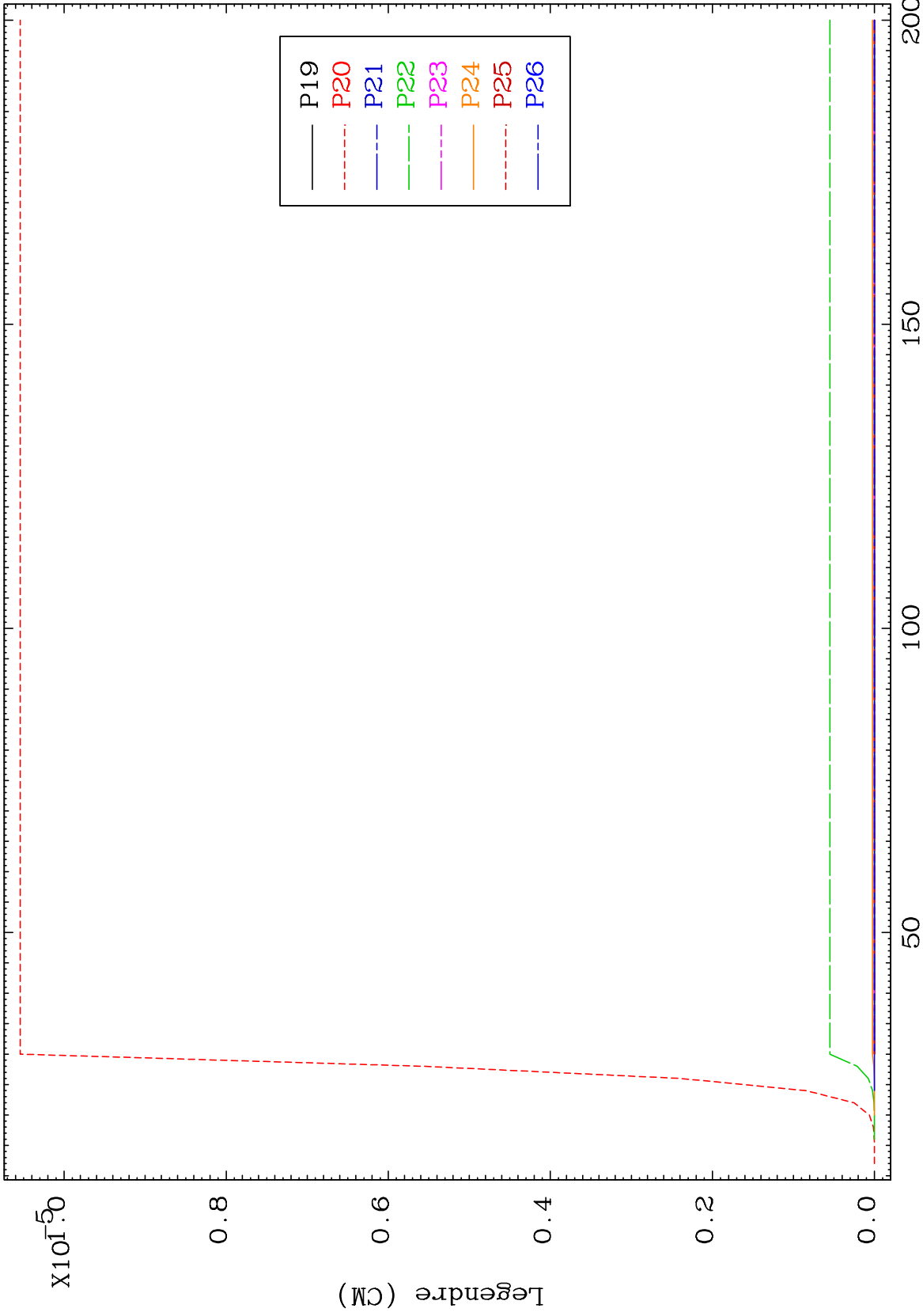
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



84

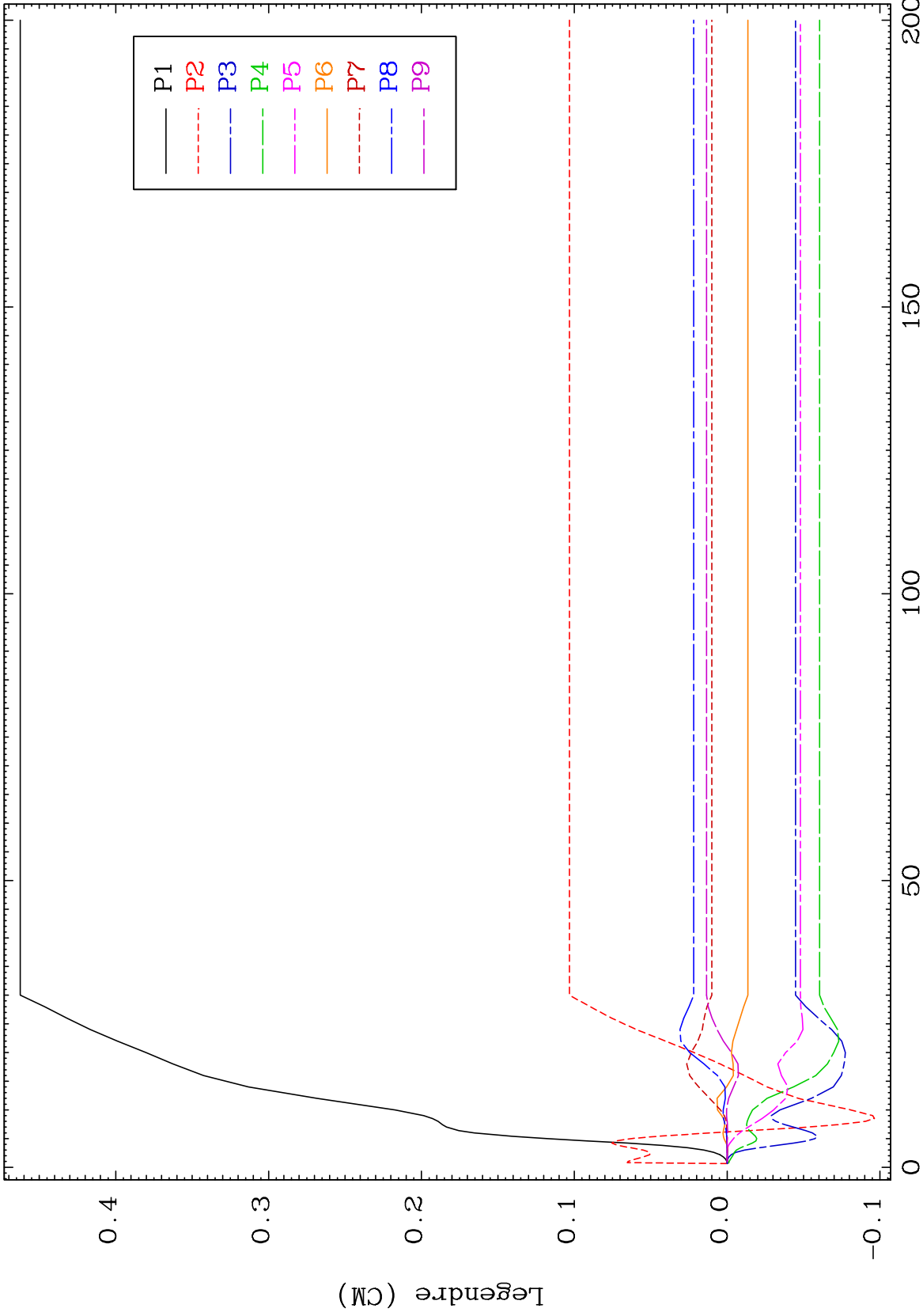
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

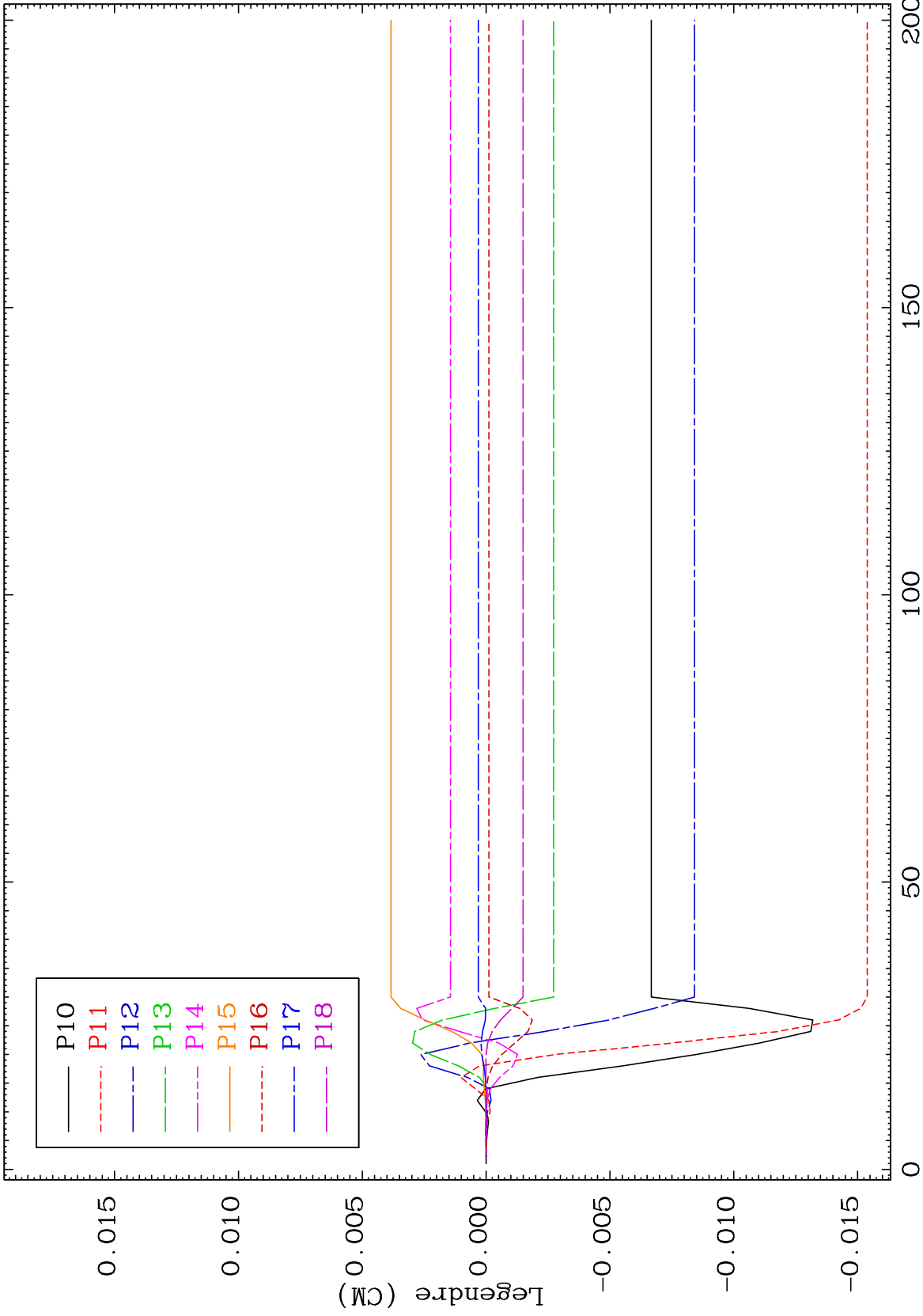
77-Ir-171



85

Incident Energy (MeV)

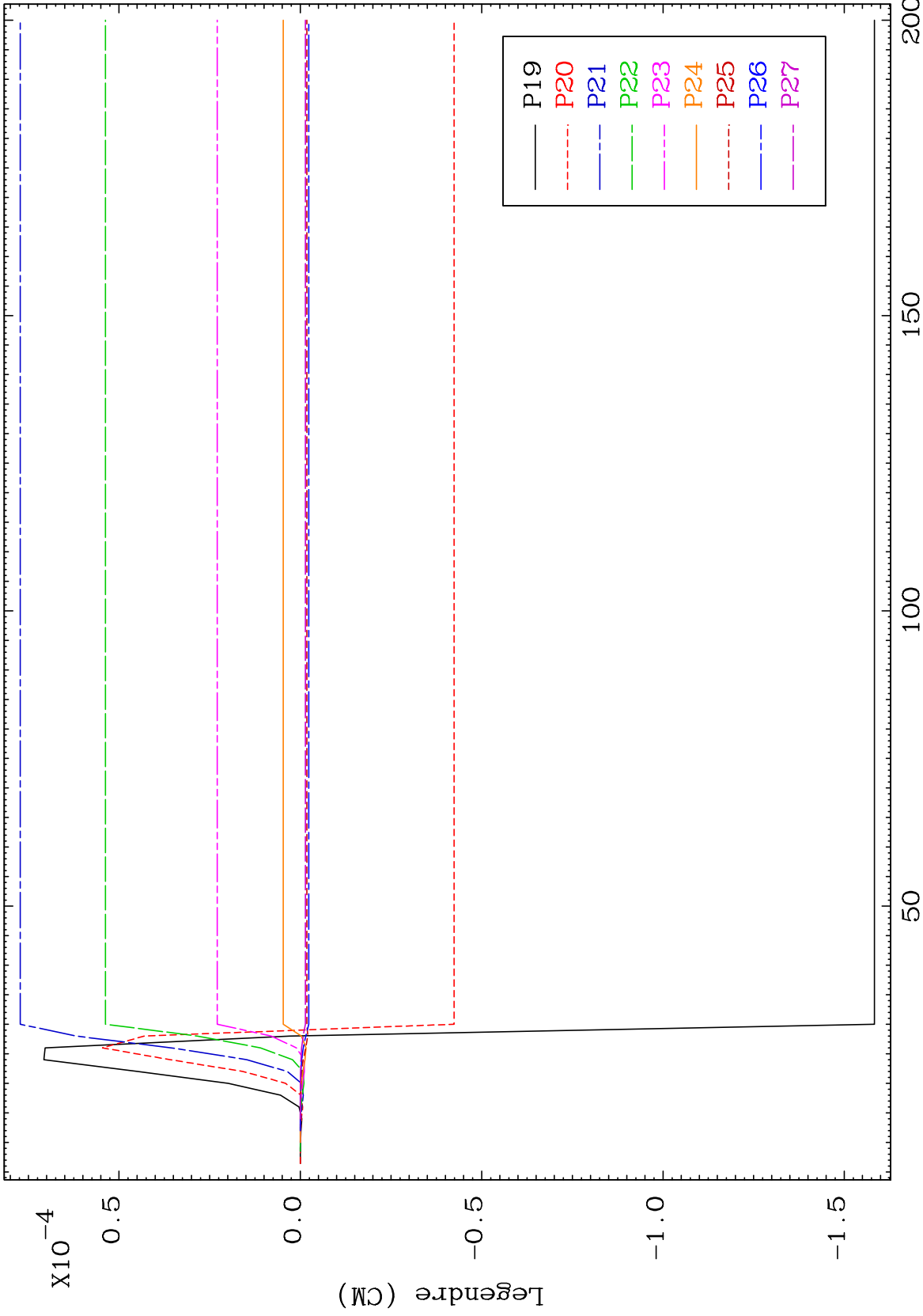
77-Ir-171



MAT 7665

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

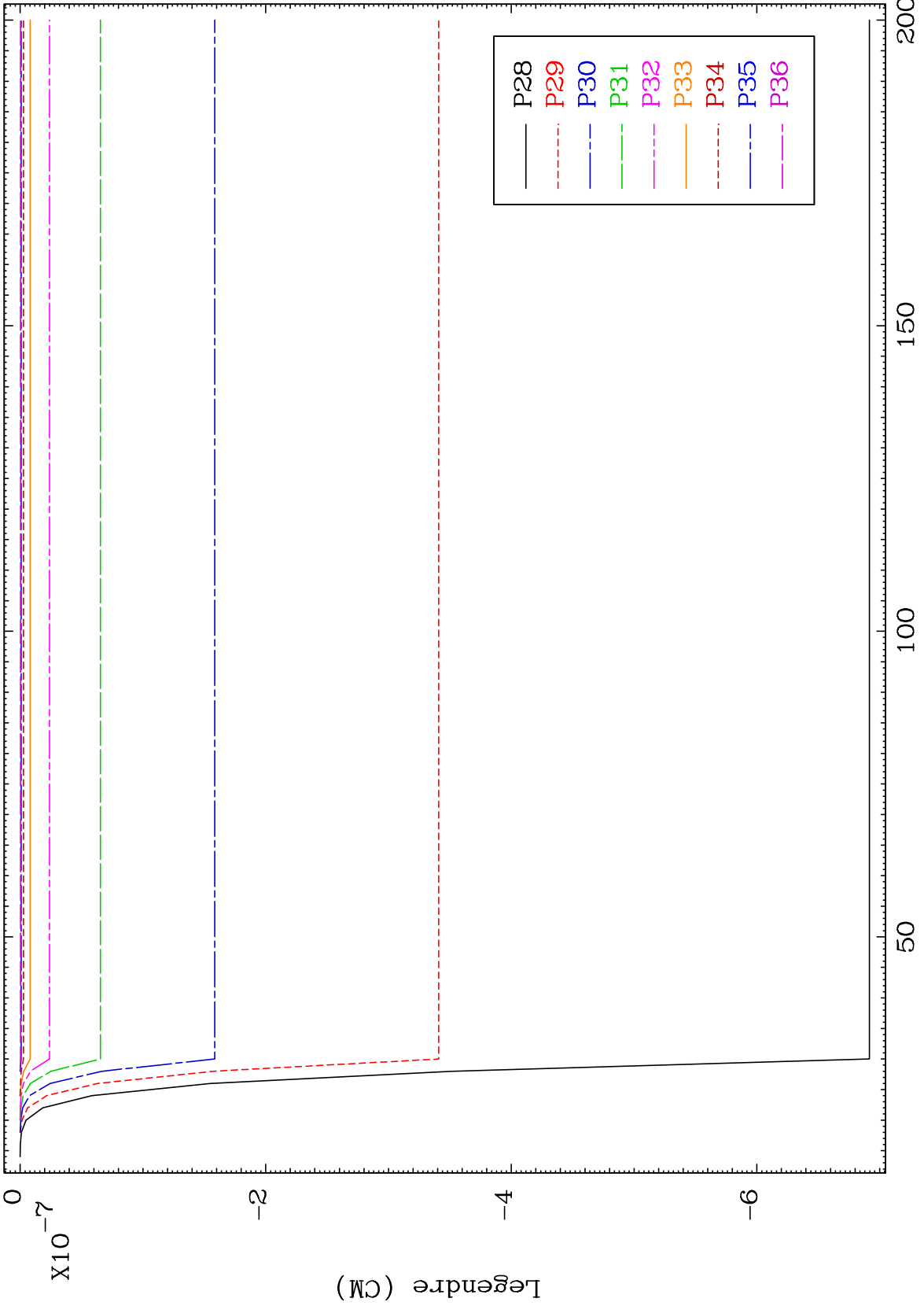
77-Ir-171



87

77-Ir-171

MAT 7665 MT= 68 (n,n') Level Legendre Coefficients 77-Ir-171

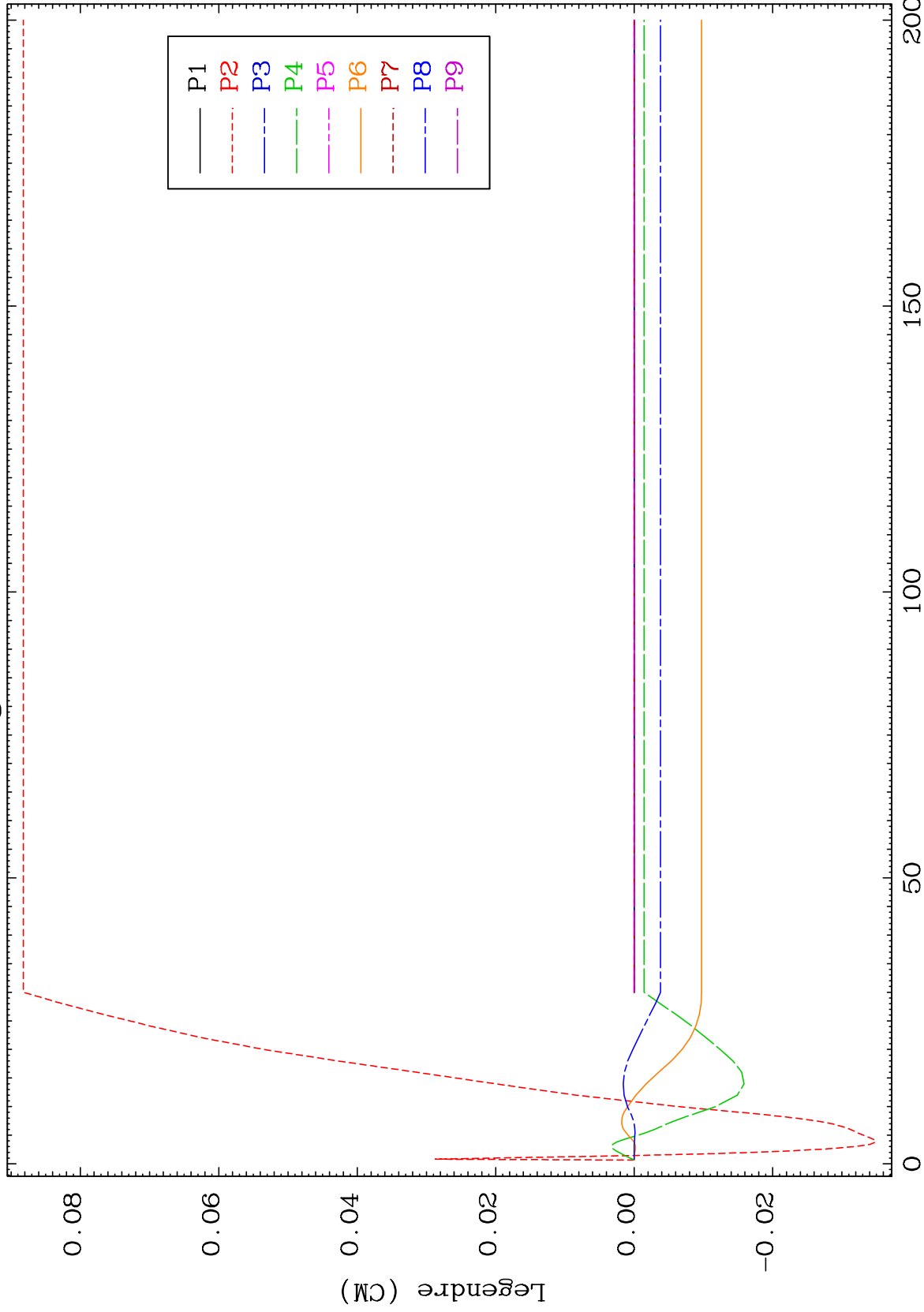


88 77-Ir-171

MAT 7665

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

77-Ir-171



89

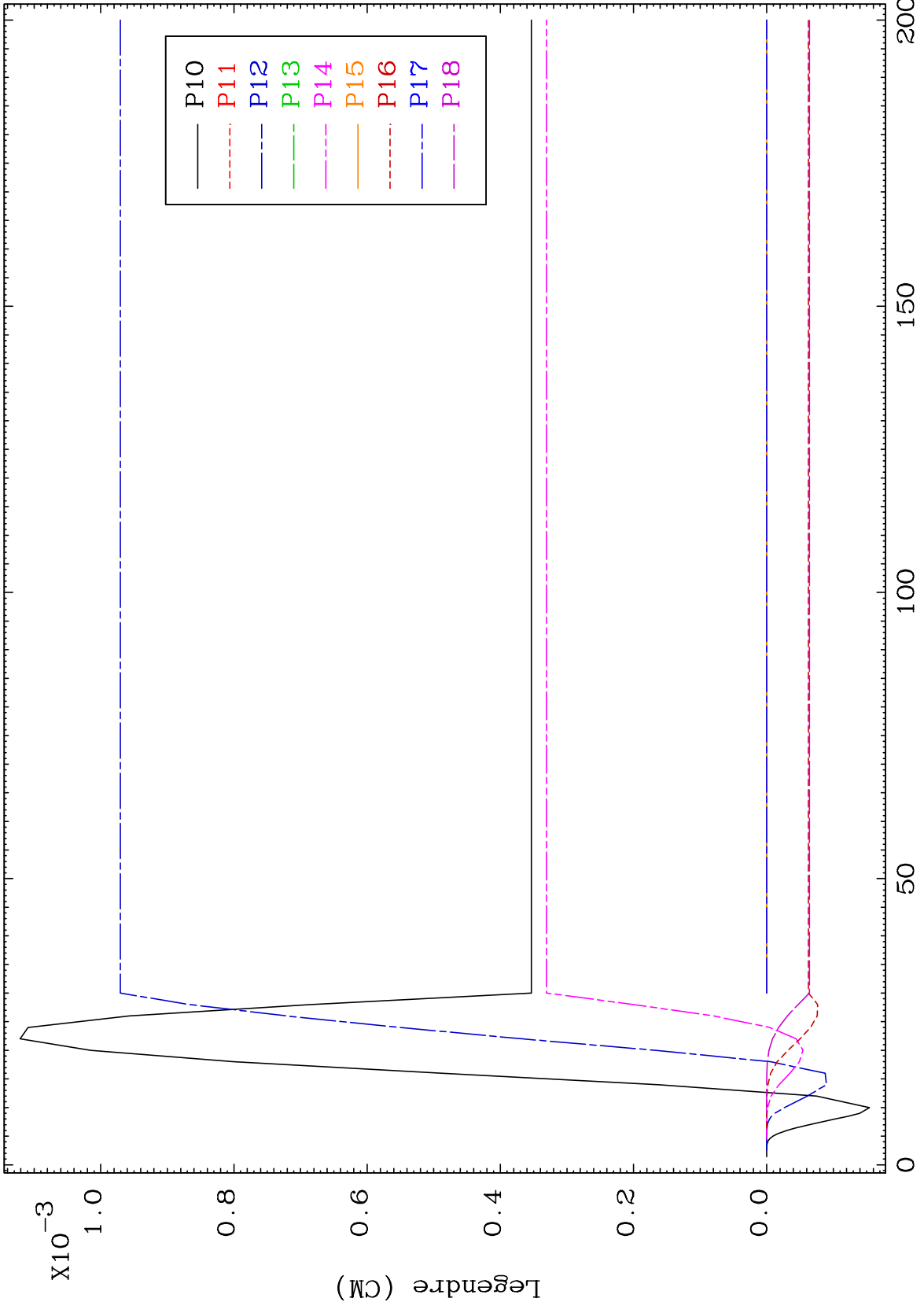
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171

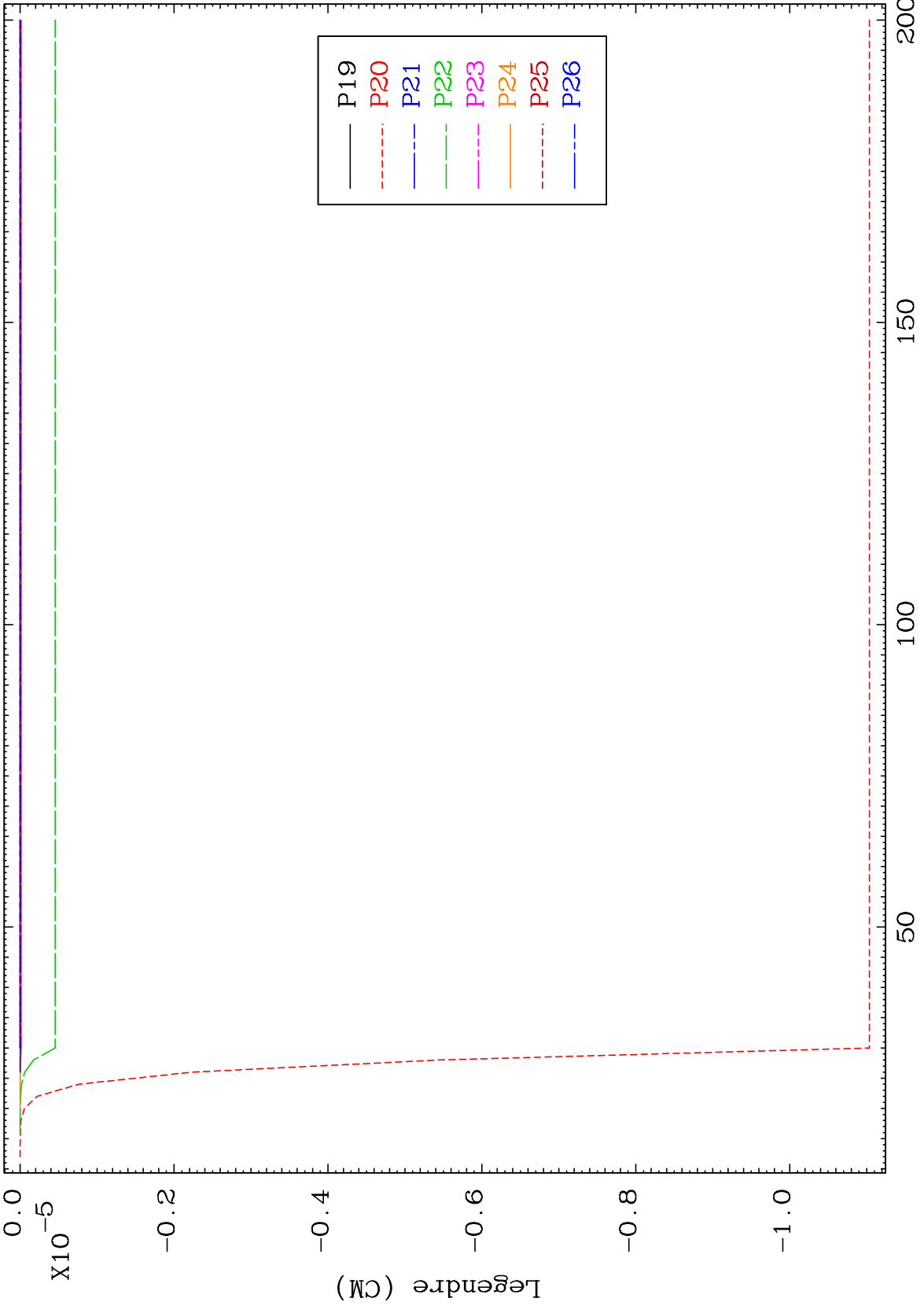


77-Ir-171

Incident Energy (MeV)

90

MAT 7665 MT= 69 (n,n') Level Legendre Coefficients 77-Ir-171

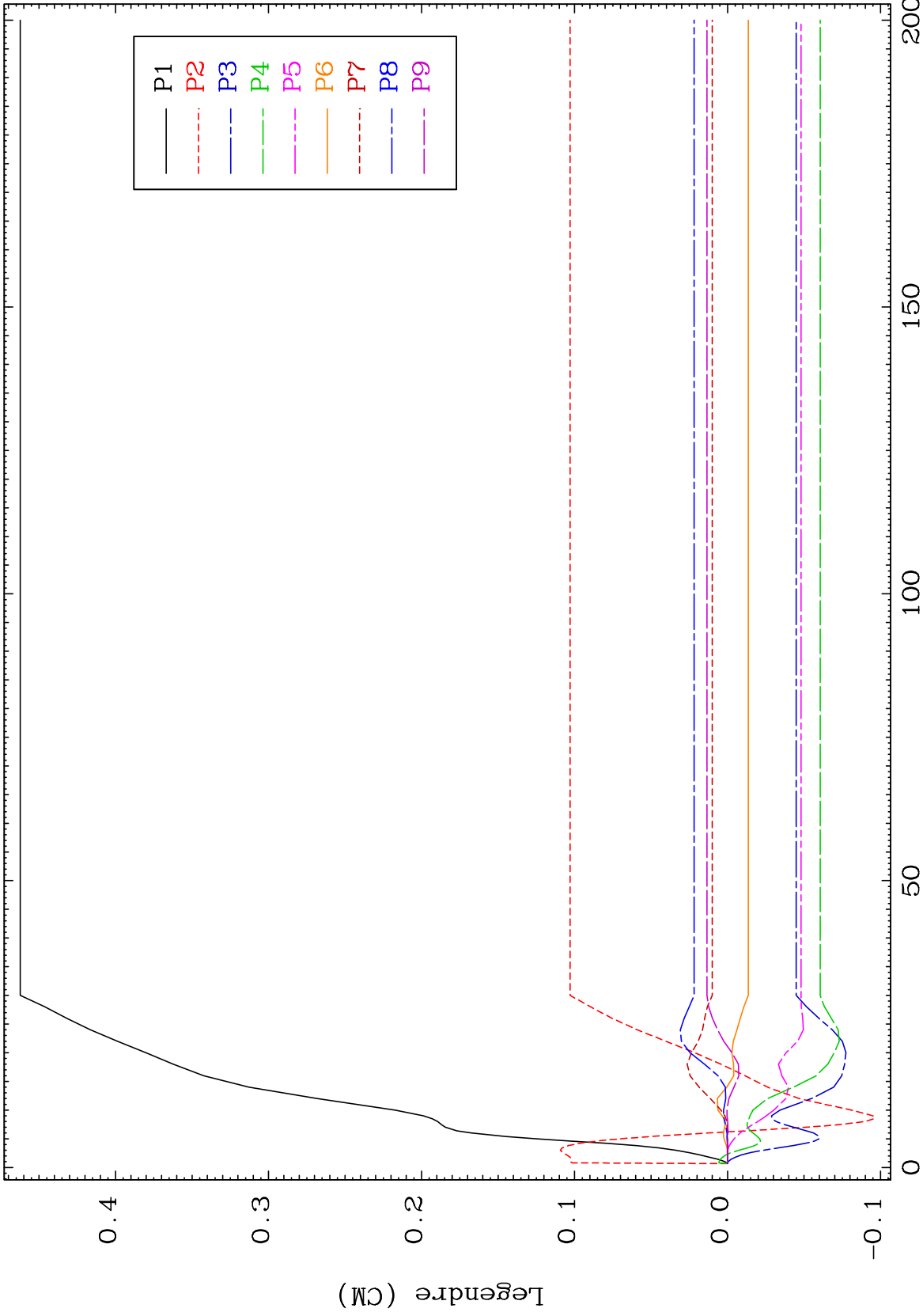


91 77-Ir-171

MAT 7665

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

77-Ir-171



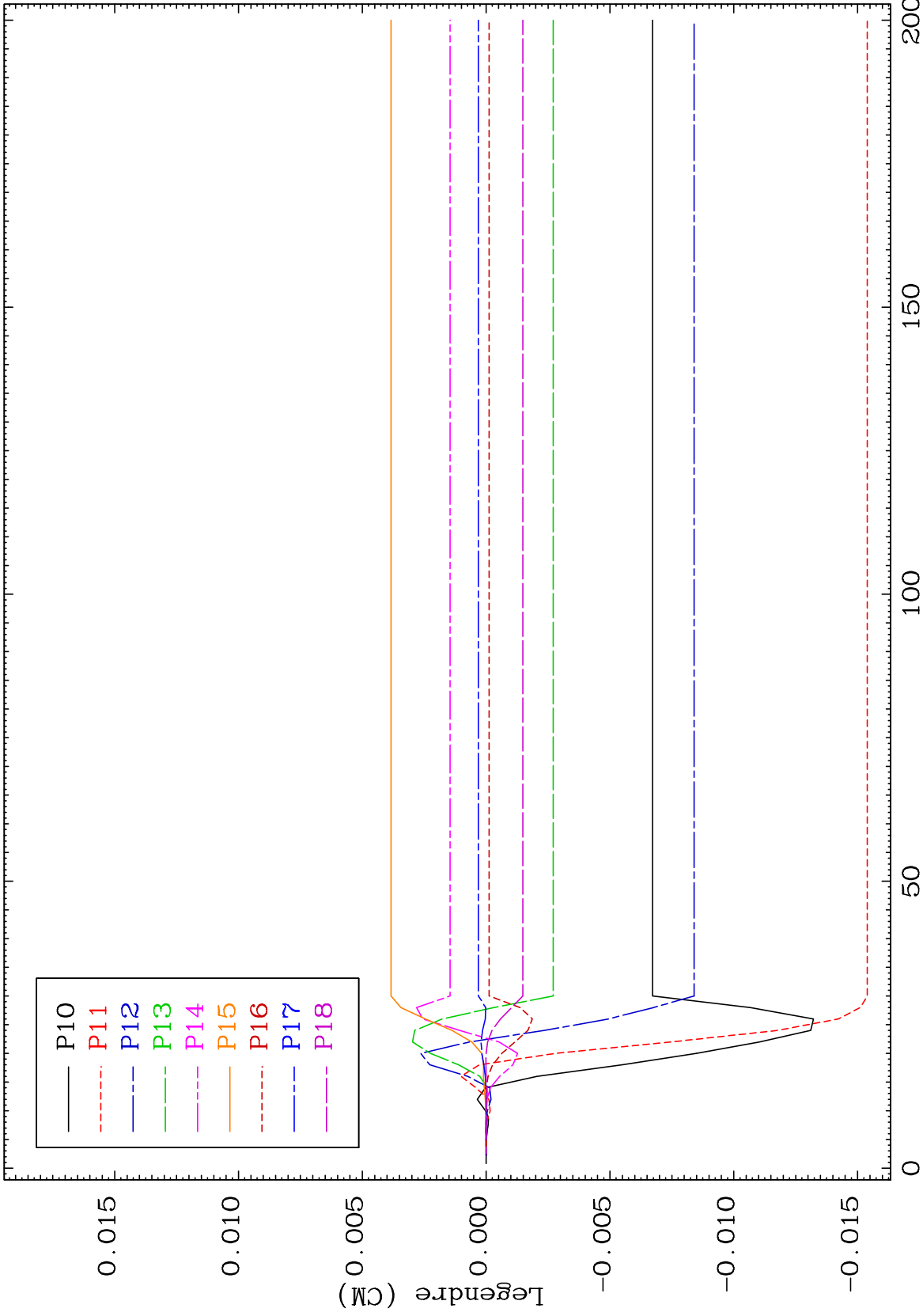
92

77-Ir-171

MAT 7665

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

77-Ir-171



93

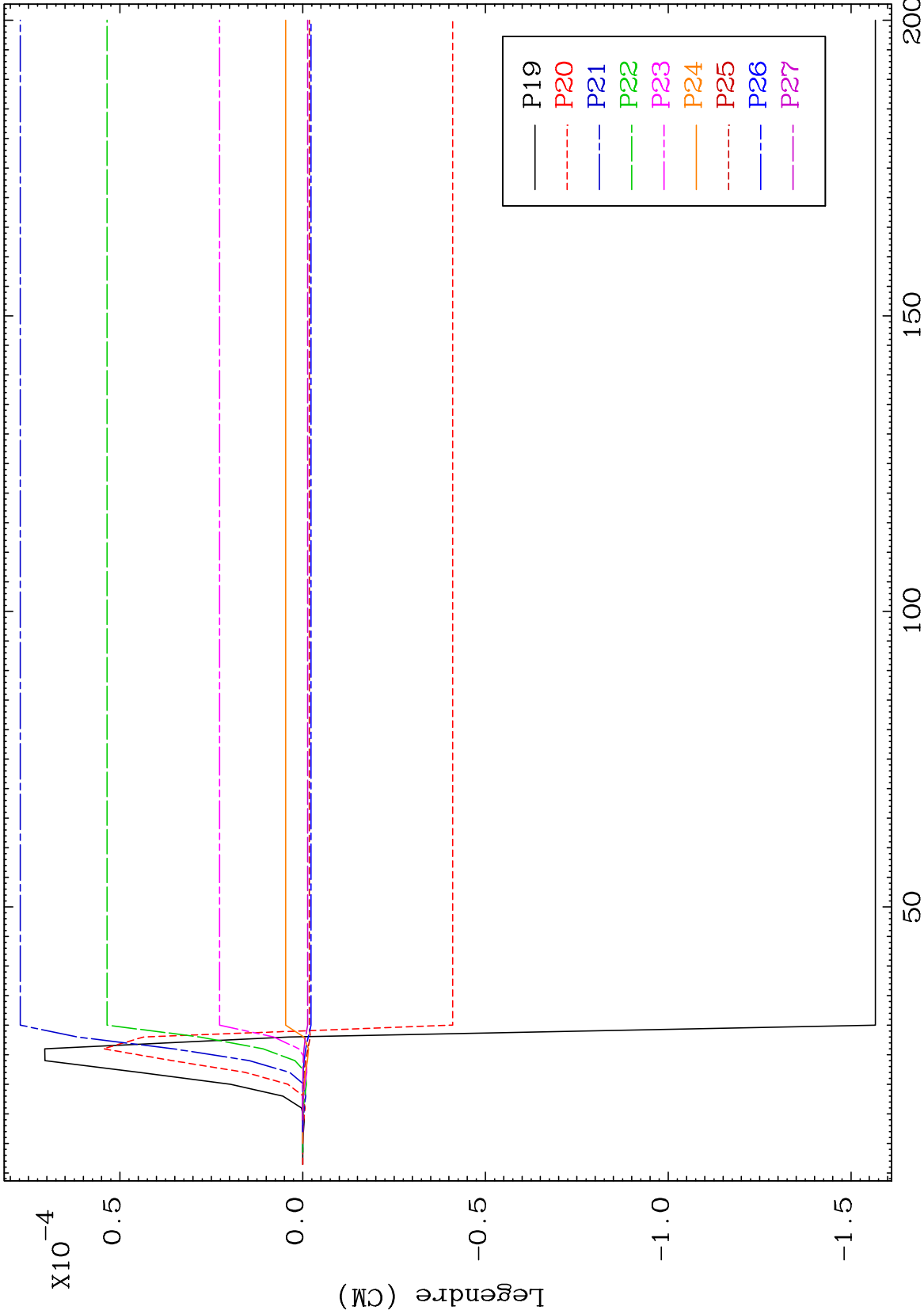
Incident Energy (MeV)

77-Ir-171

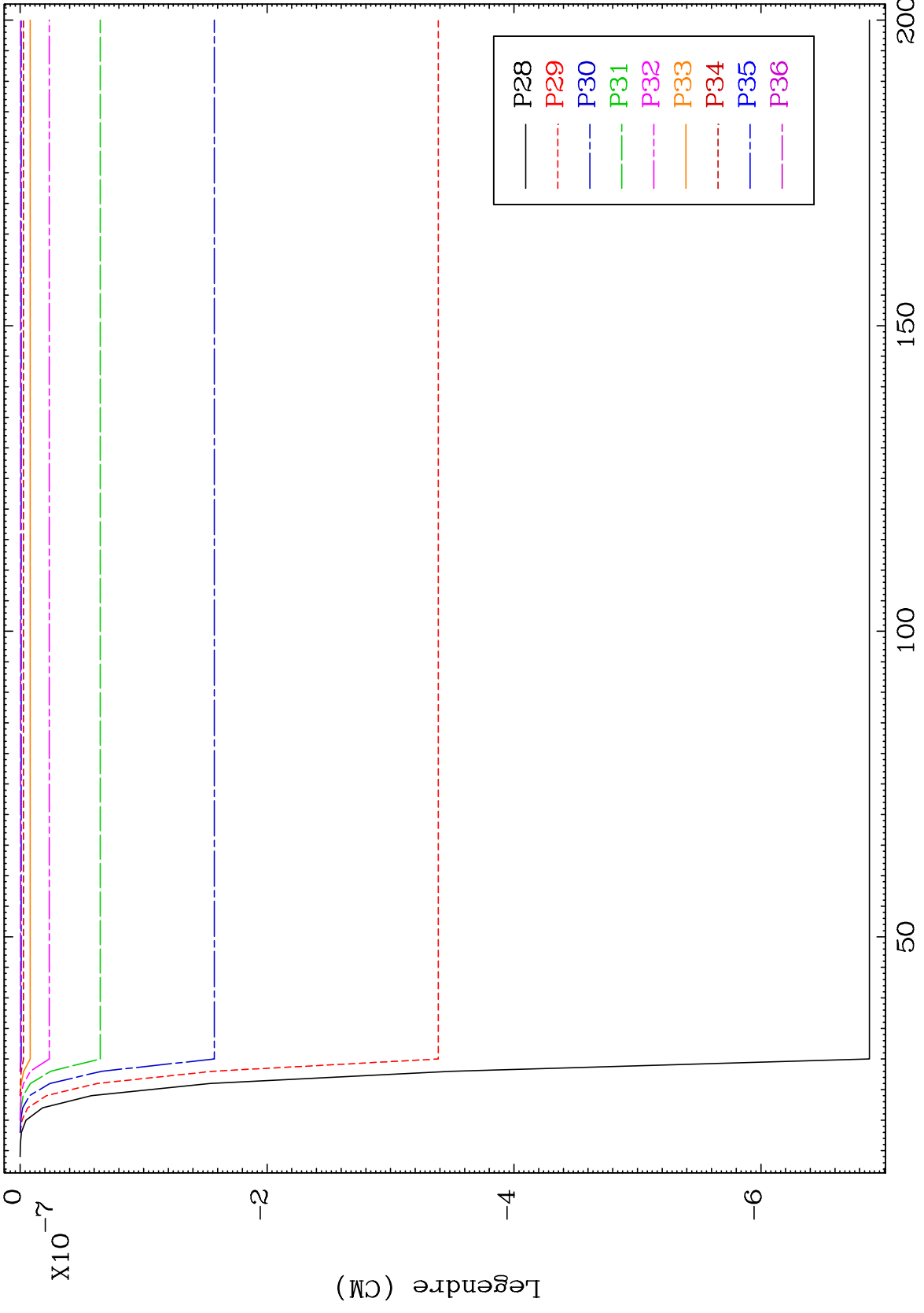
MAT 7665

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

77-Ir-171

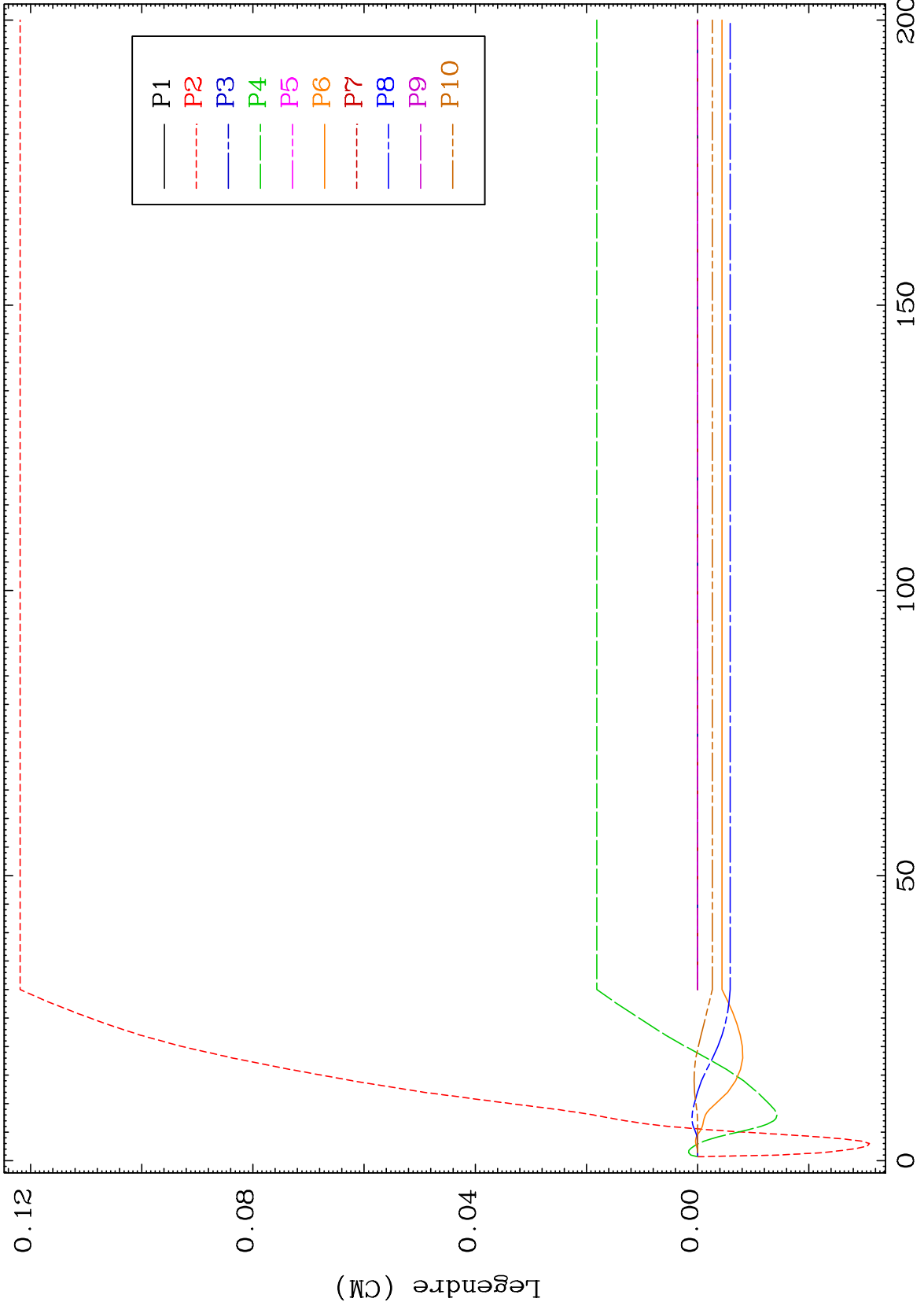


MAT 7665 MT= 70 (n,n') Level Legendre Coefficients 77-Ir-171



95 77-Ir-171

MAT 7665 MT= 71 (n,n') Level Legendre Coefficients 77-Ir-171

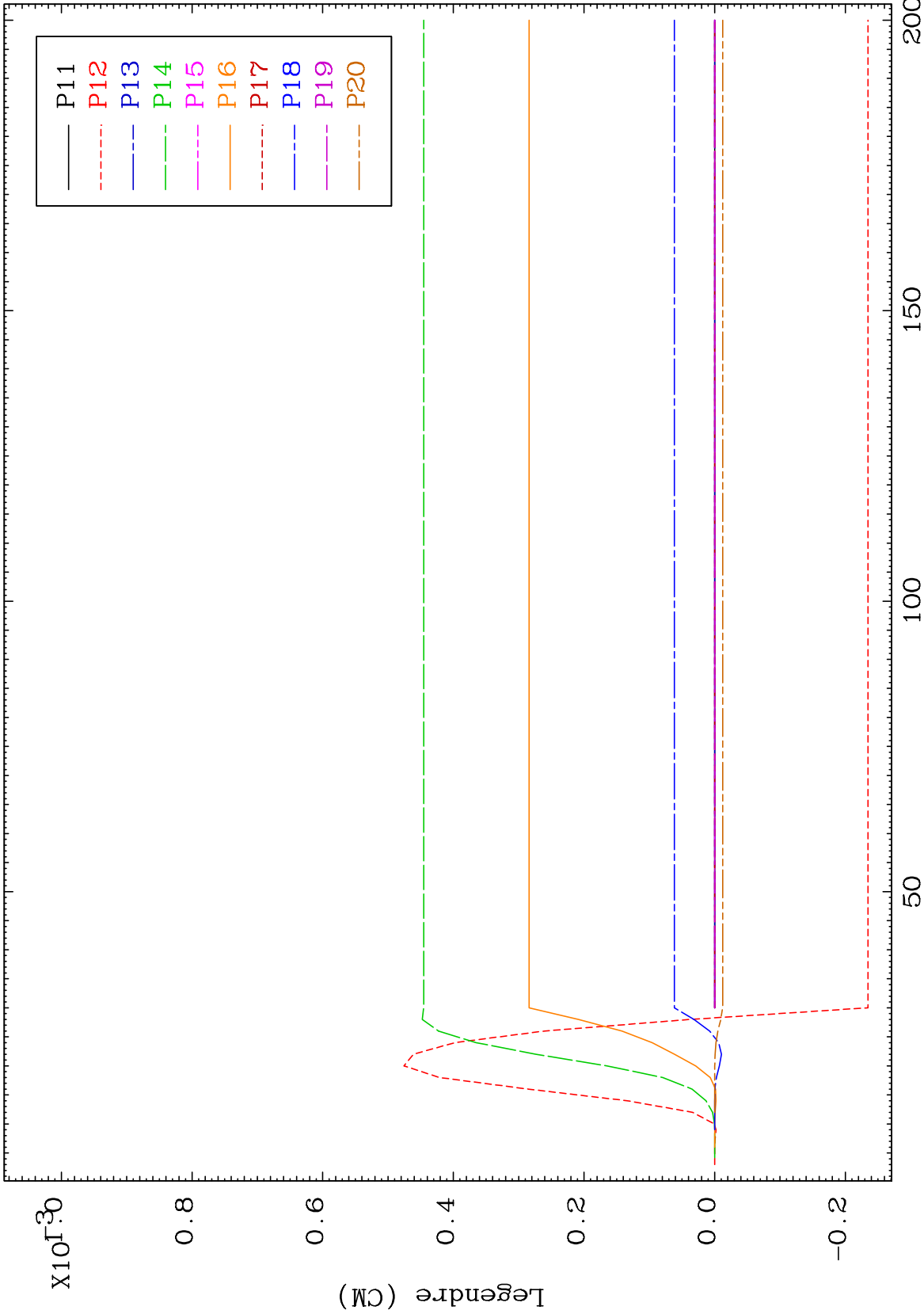


96 77-Ir-171

MAT 7665

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

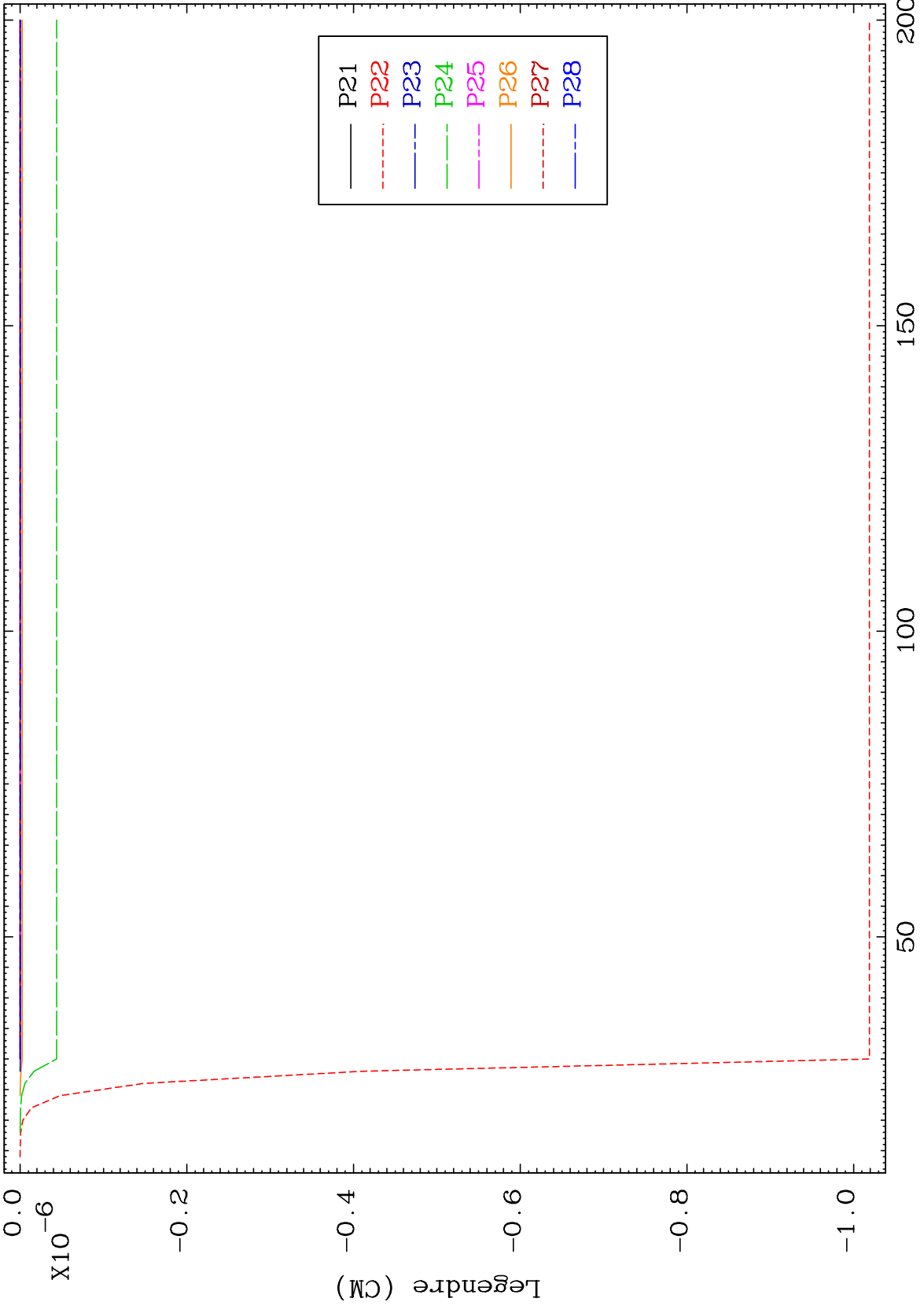
77-Ir-171



97

77-Ir-171

MAT 7665 MT= 71 (n,n') Level Legendre Coefficients 77-Ir-171

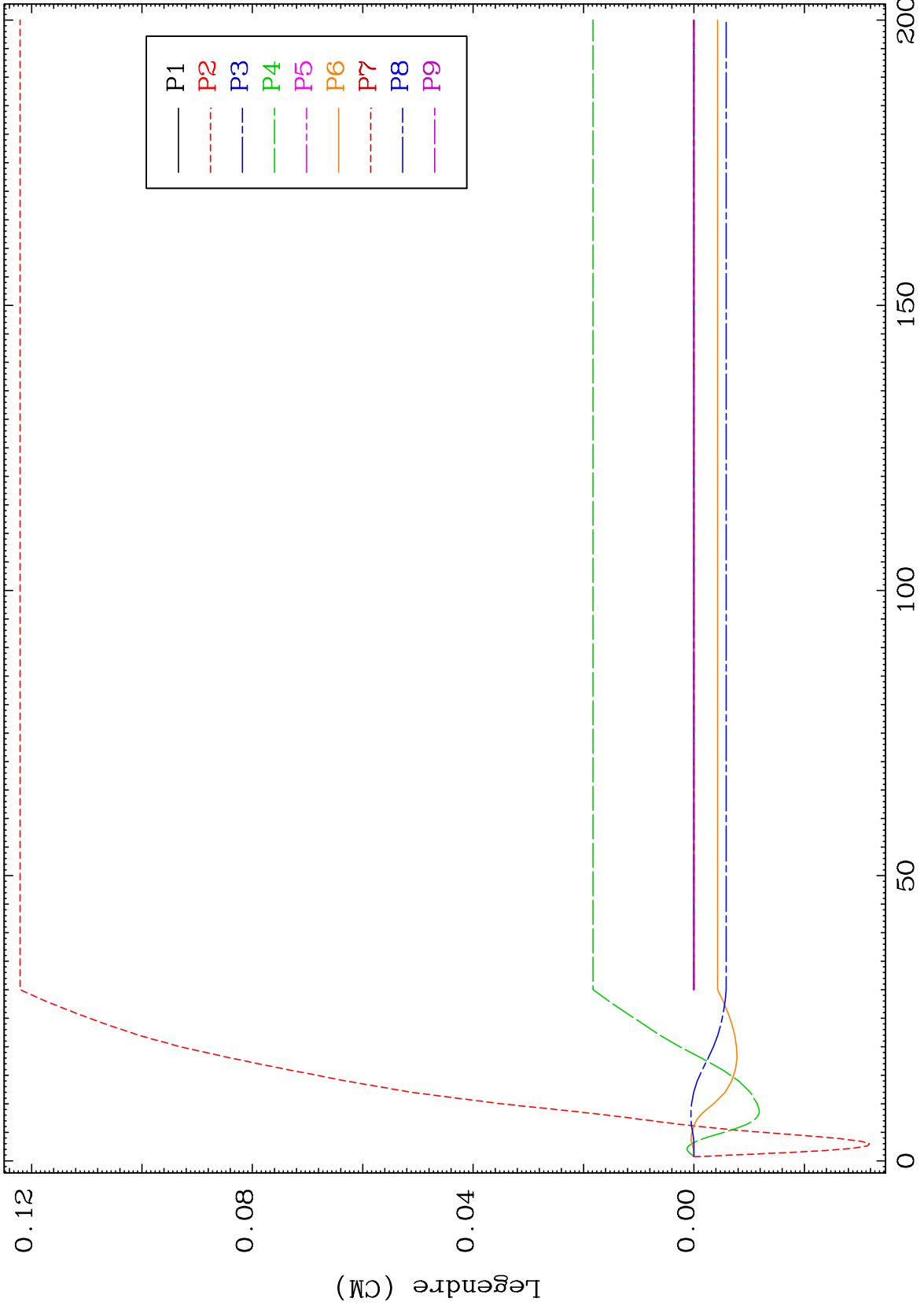


98 77-Ir-171

MAT 7665

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

77-Ir-171



99

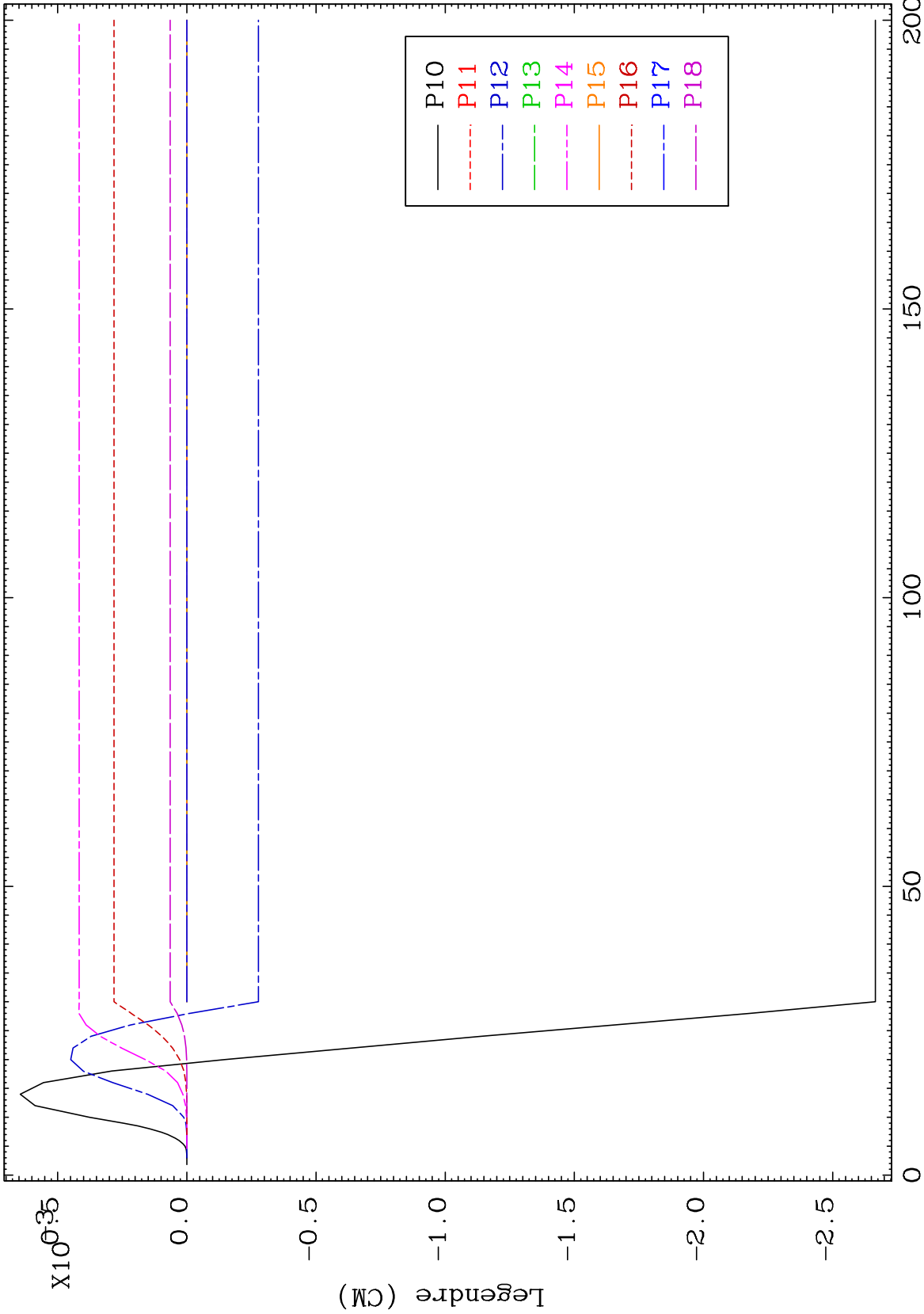
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



100

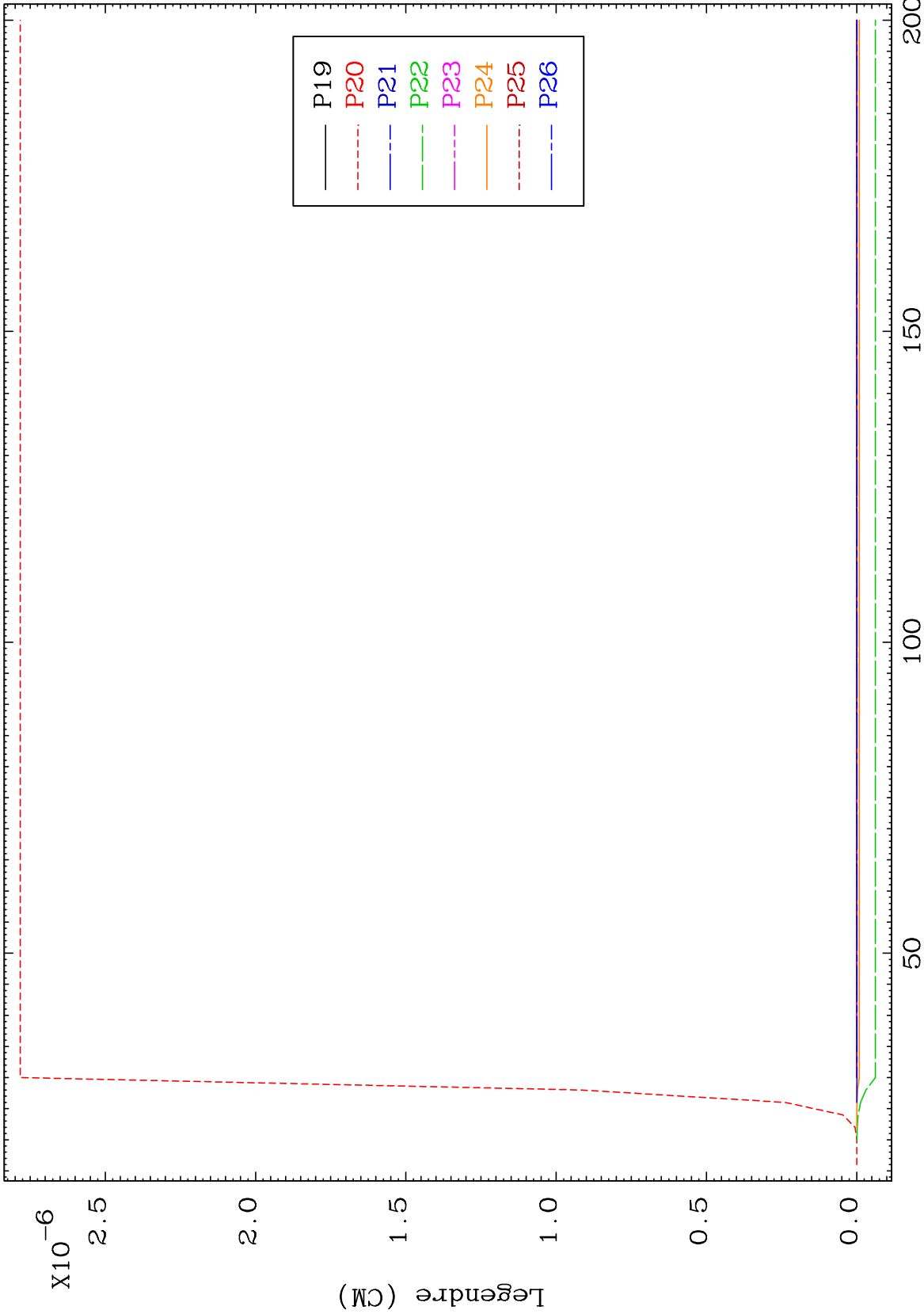
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



101

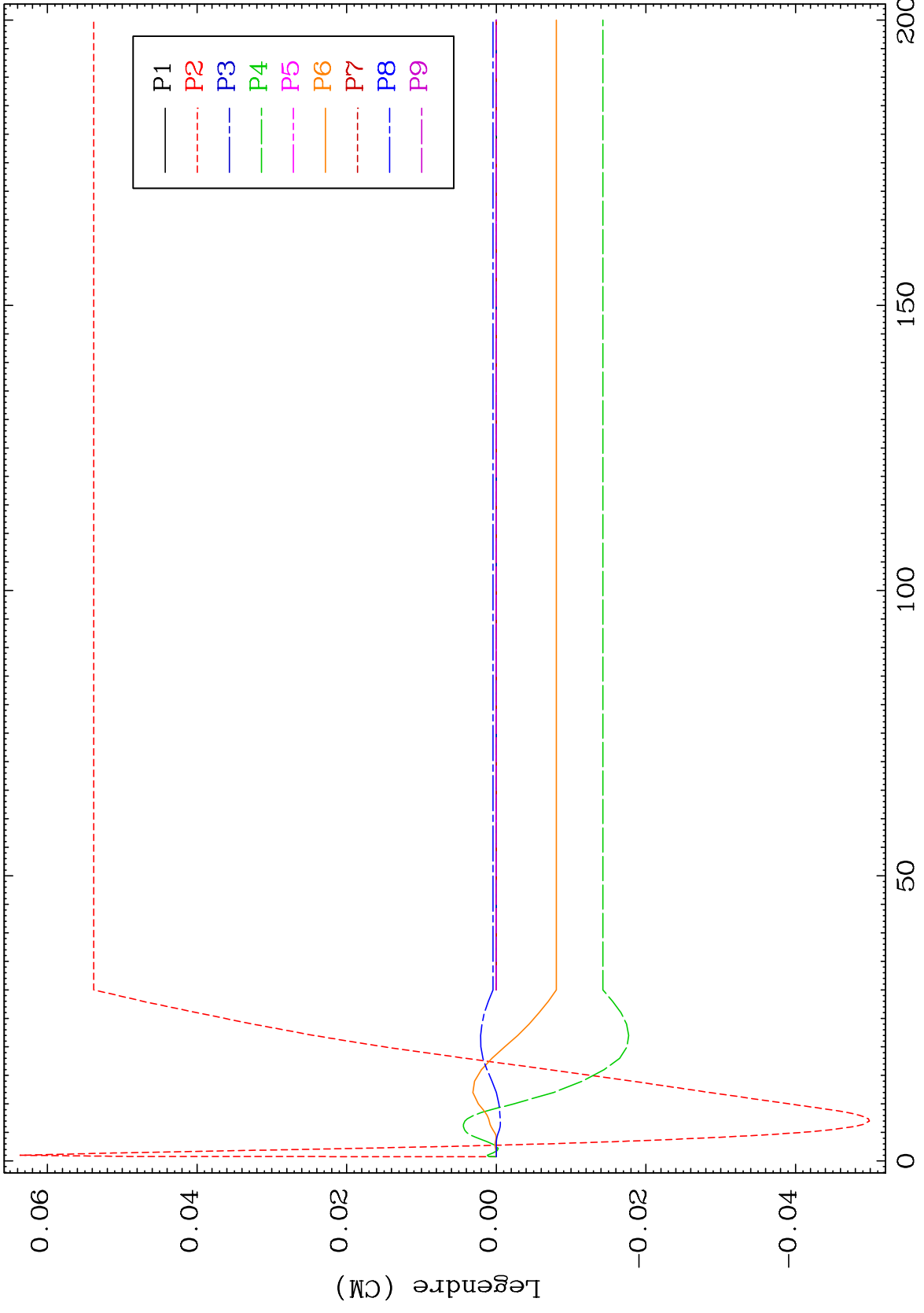
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

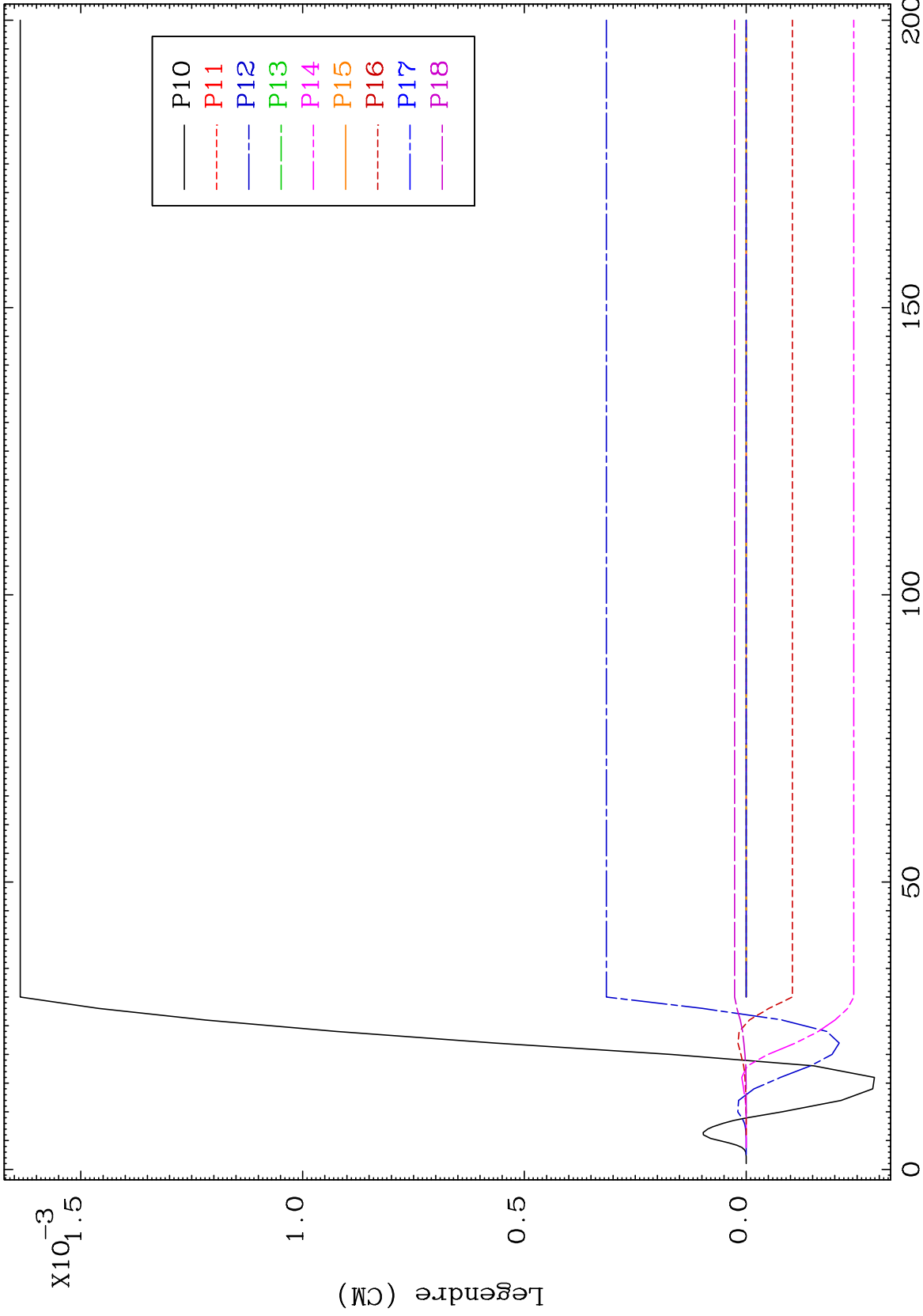
Incident Energy (MeV)

102

MAT 7665

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

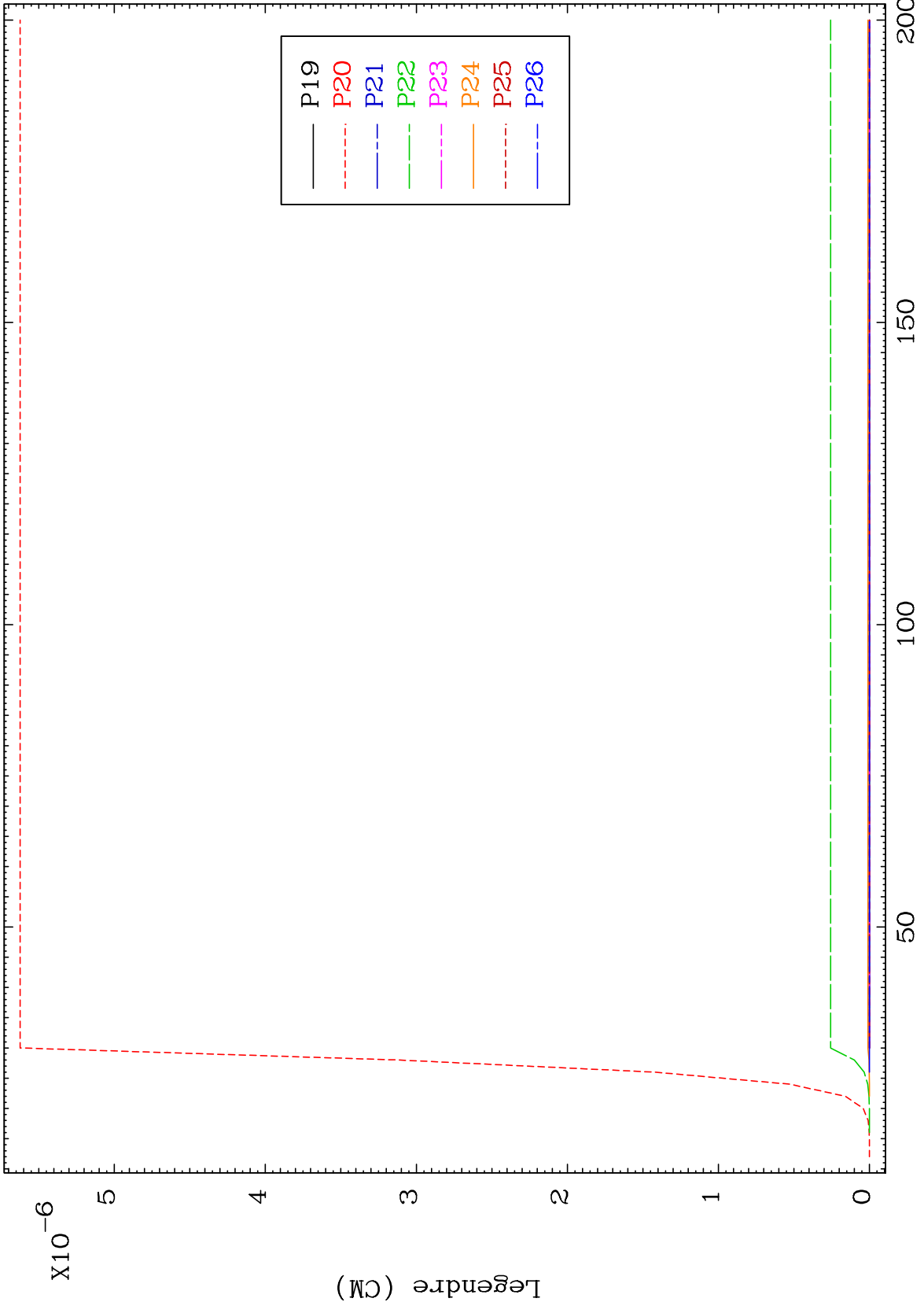
77-Ir-171



103

77-Ir-171

MAT 7665 MT= 73 (n,n') Level Legendre Coefficients 77-Ir-171

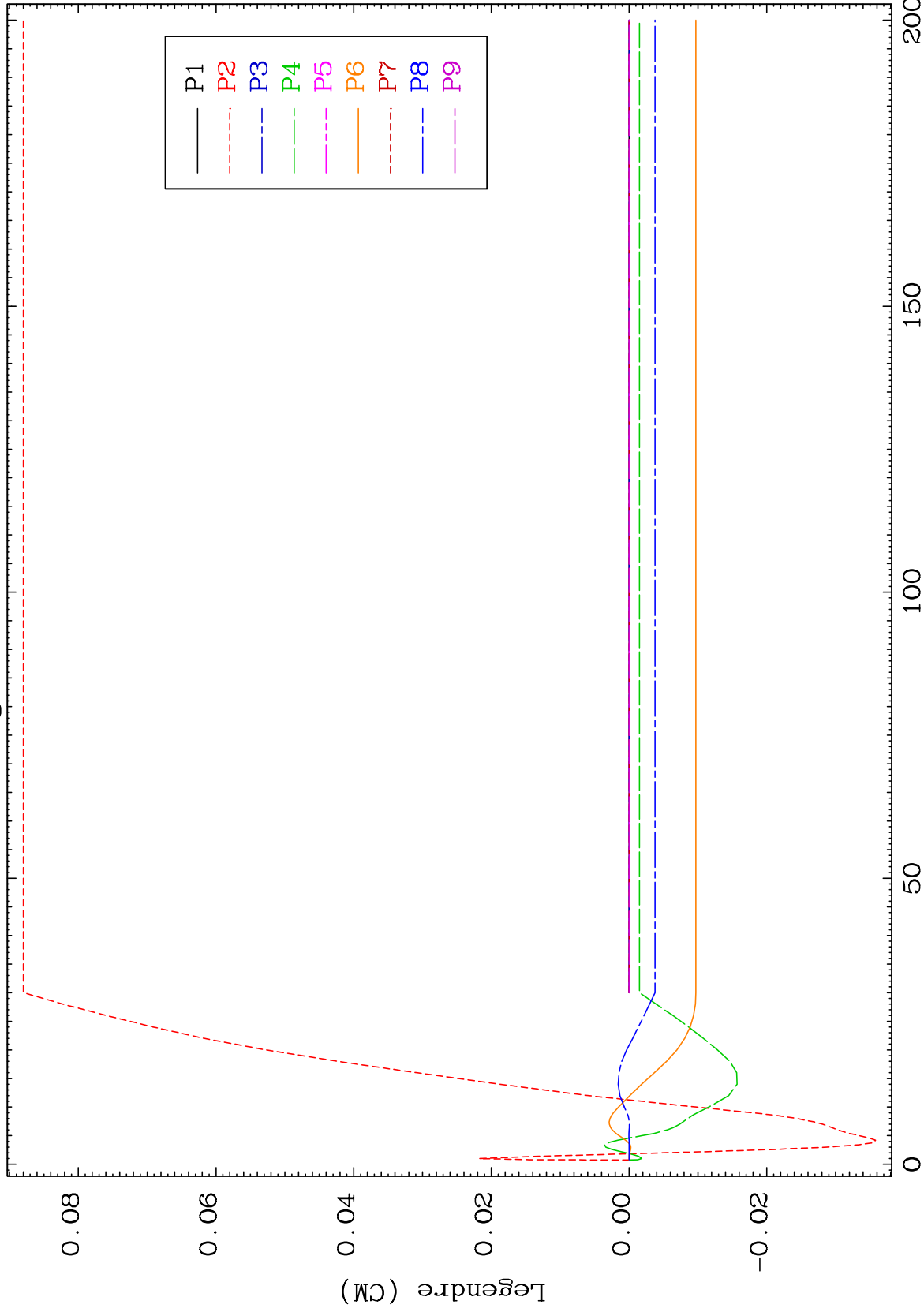


104 Incident Energy (MeV) 77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

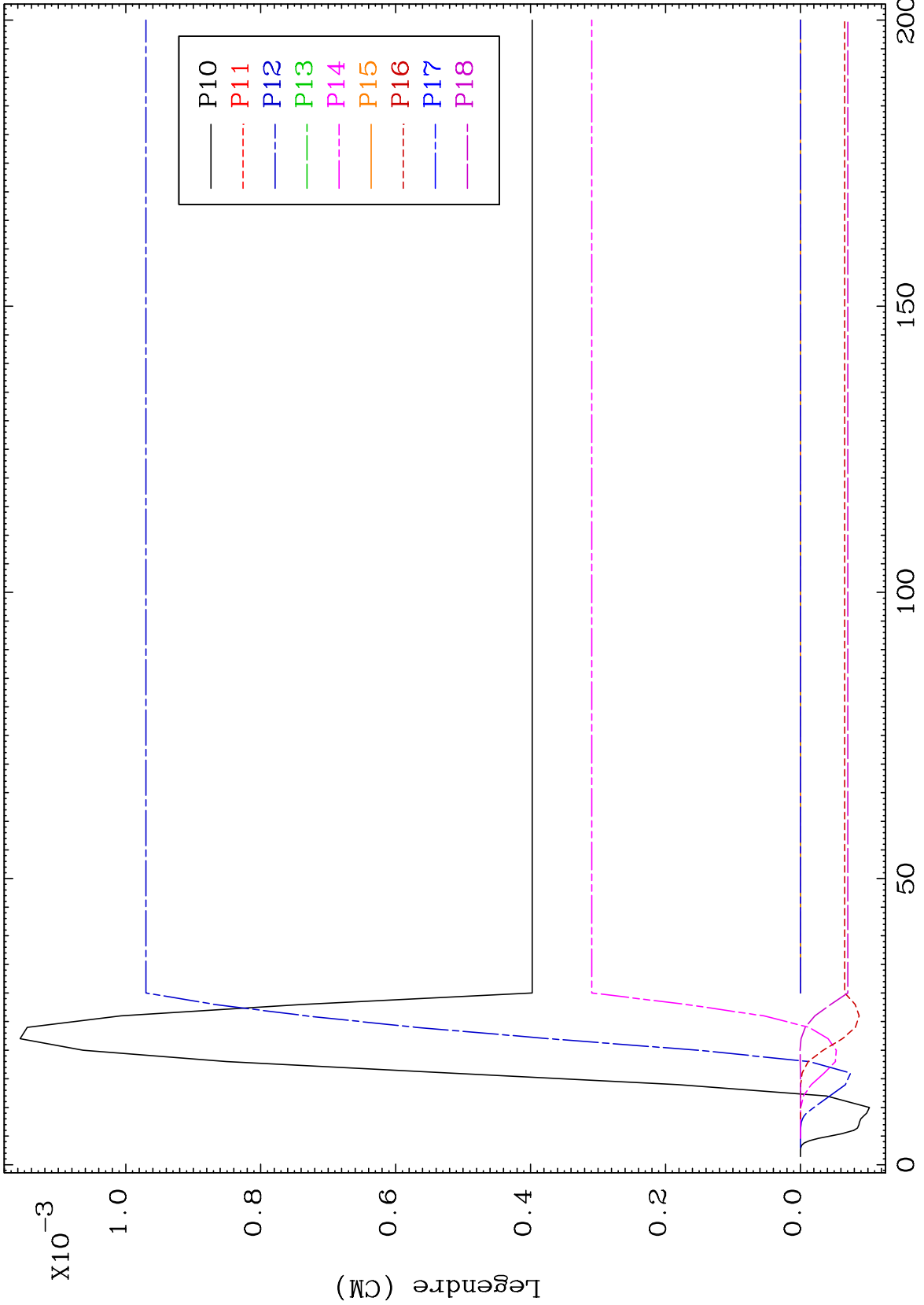
Incident Energy (MeV)

105

MAT 7665

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

77-Ir-171



106

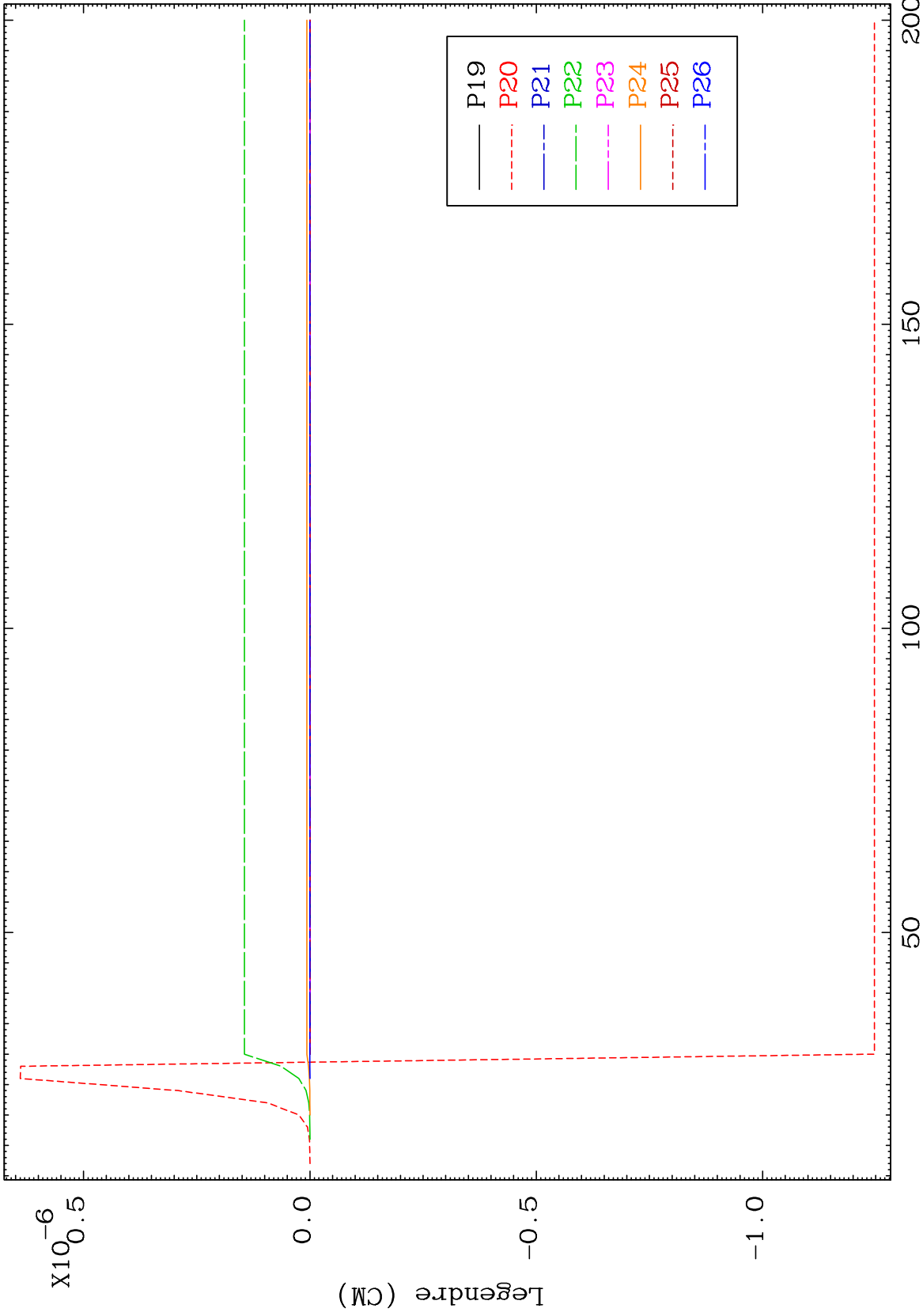
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



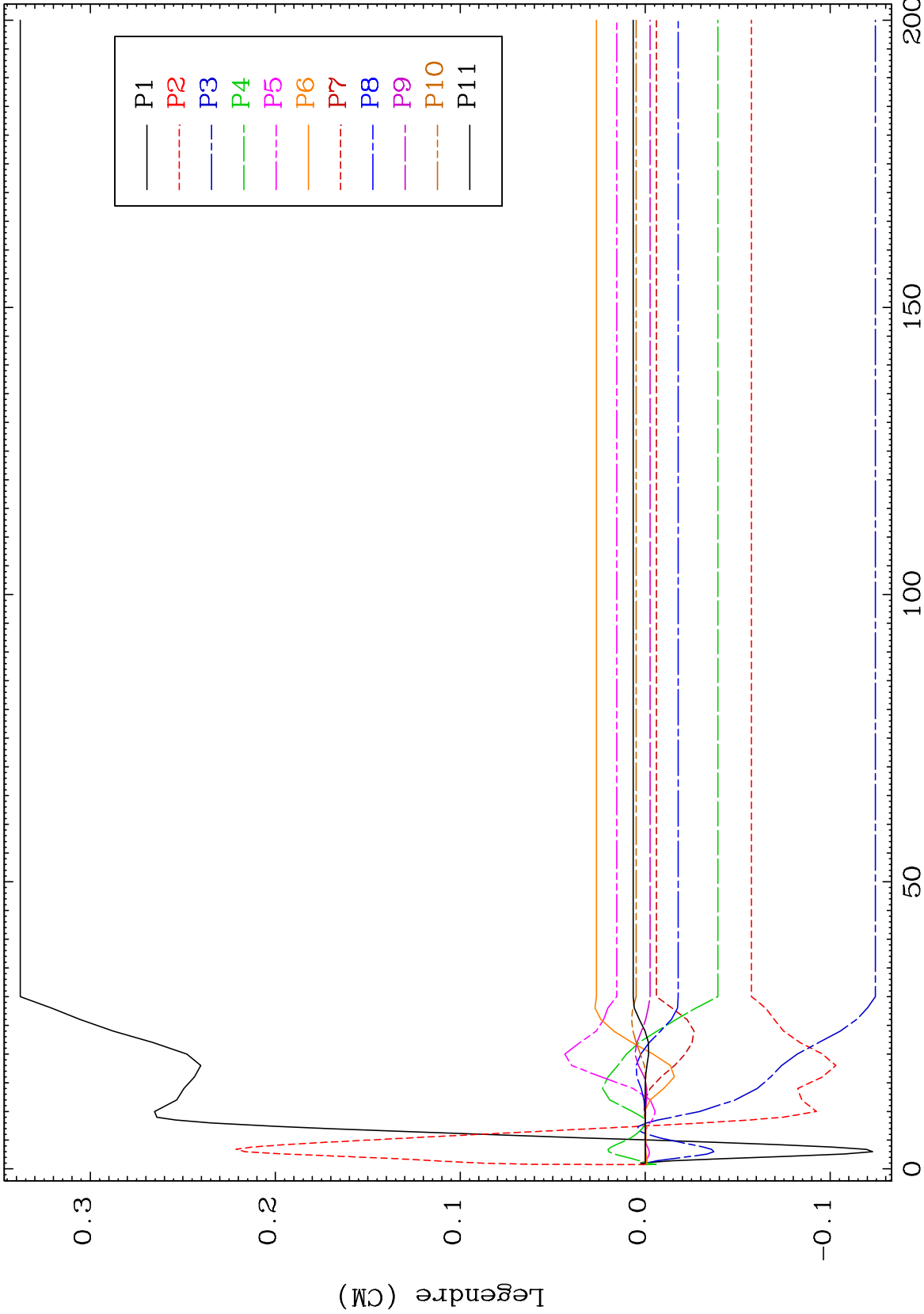
107

77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

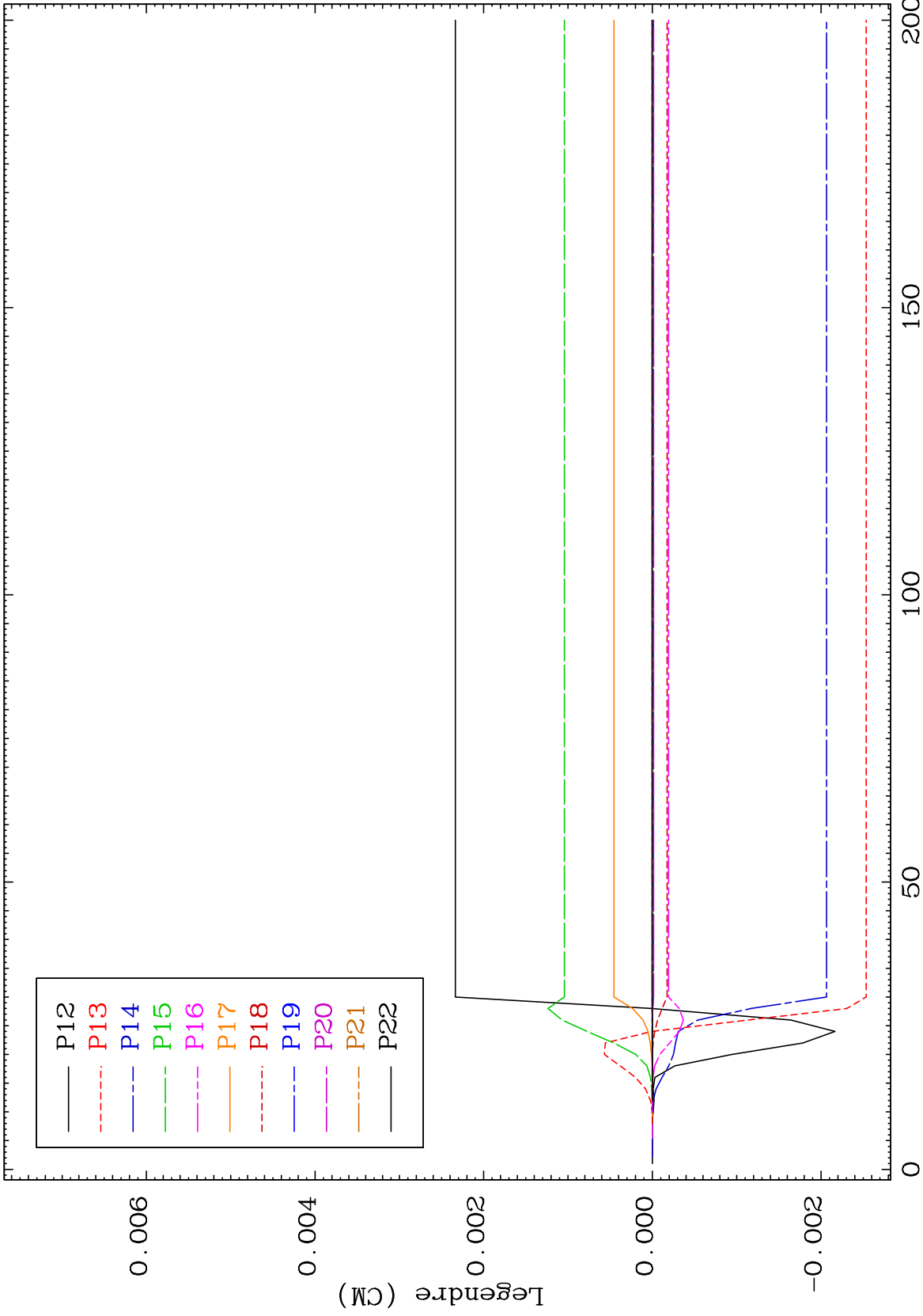
Incident Energy (MeV)

108

MAT 7665

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

77-Ir-171



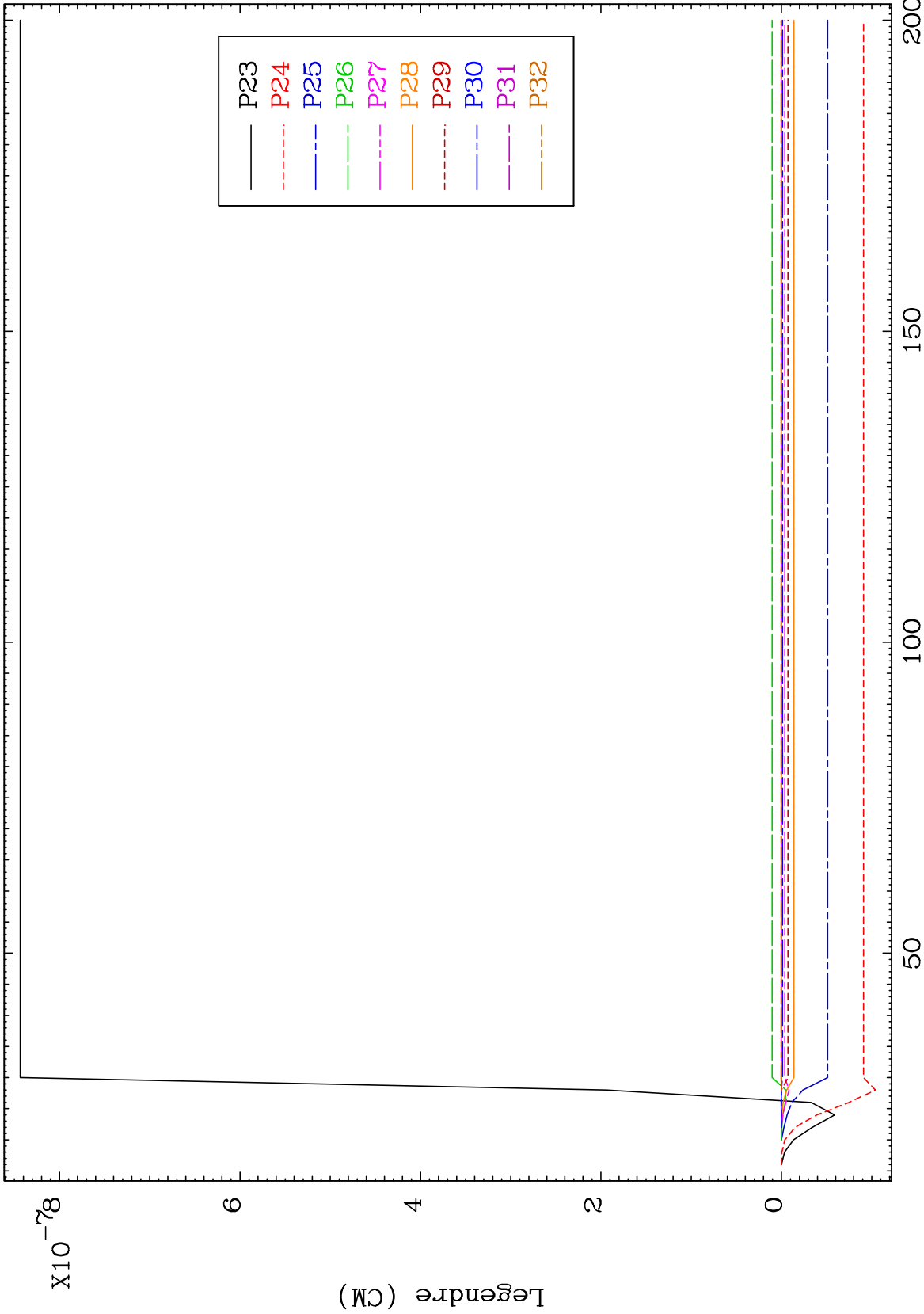
109

77-Ir-171

MAT 7665

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

77-Ir-171



110

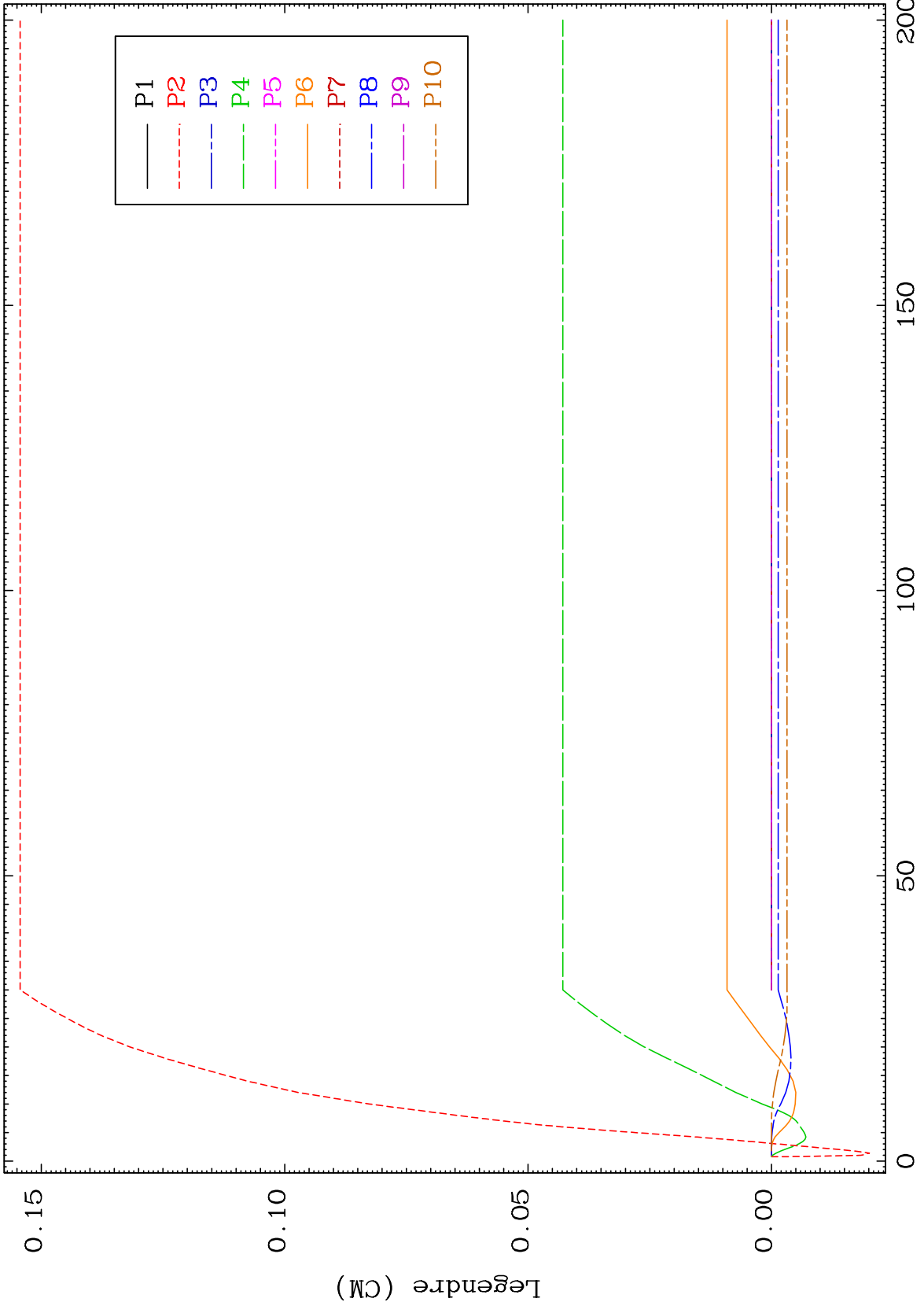
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



111

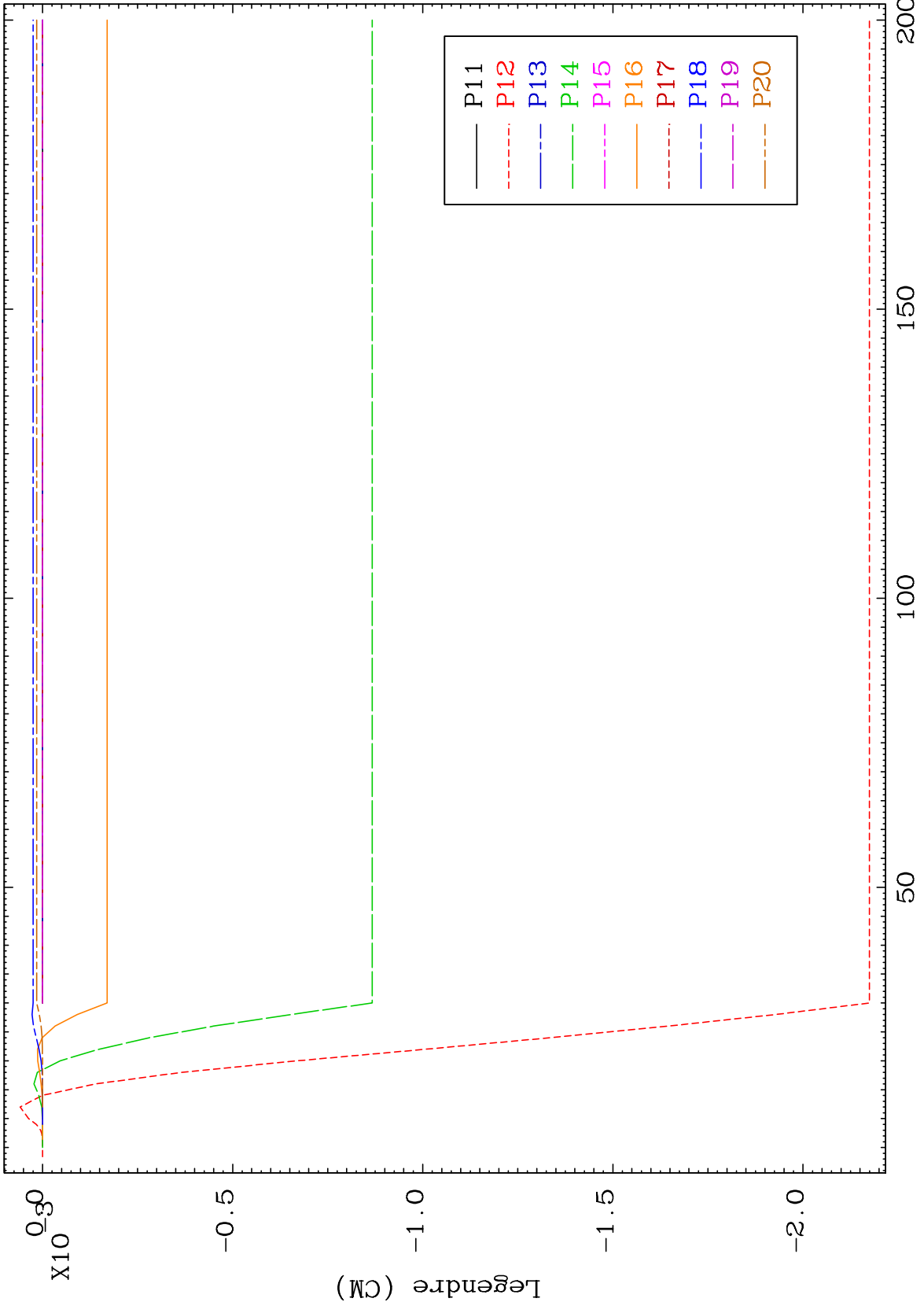
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



112

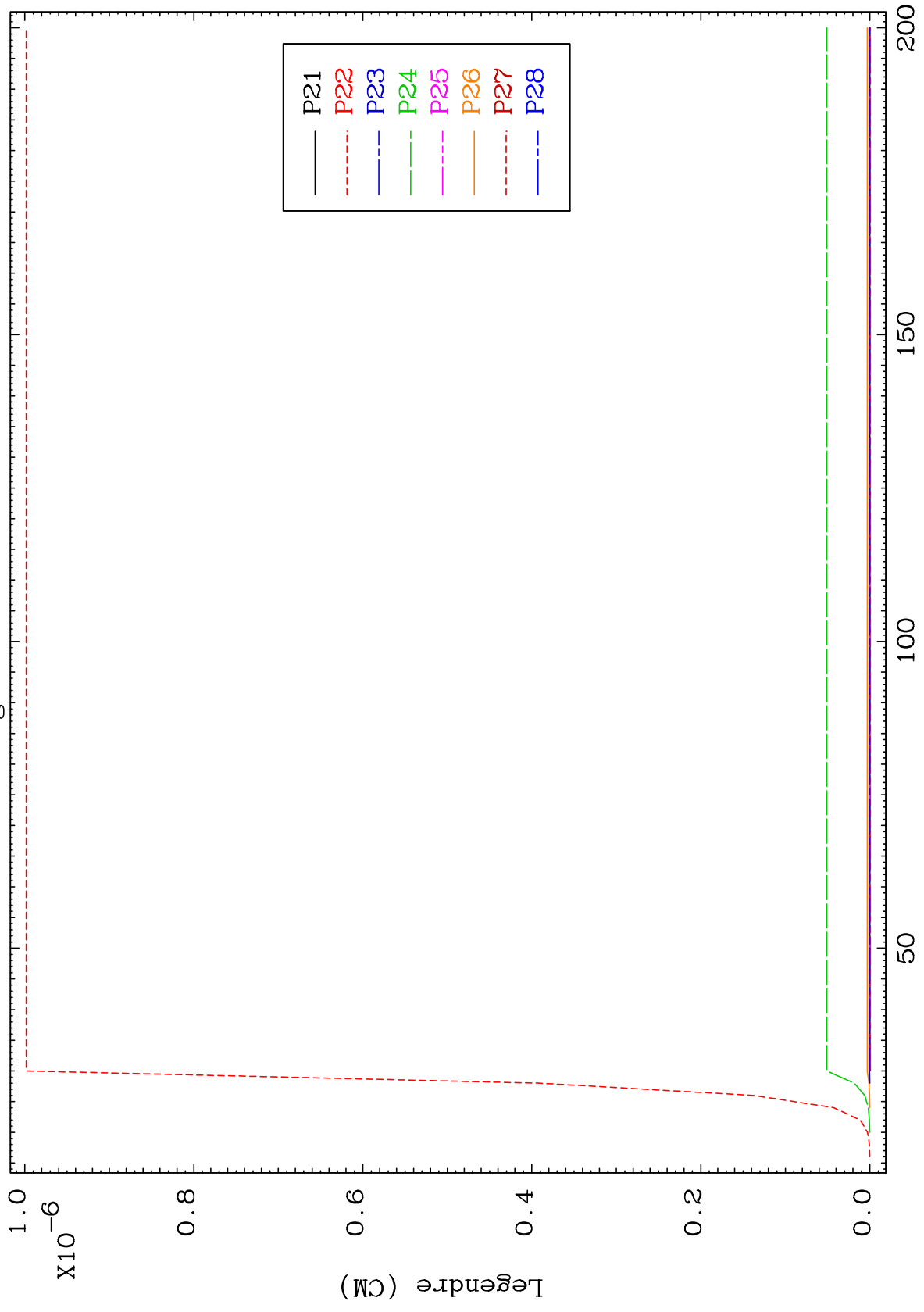
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

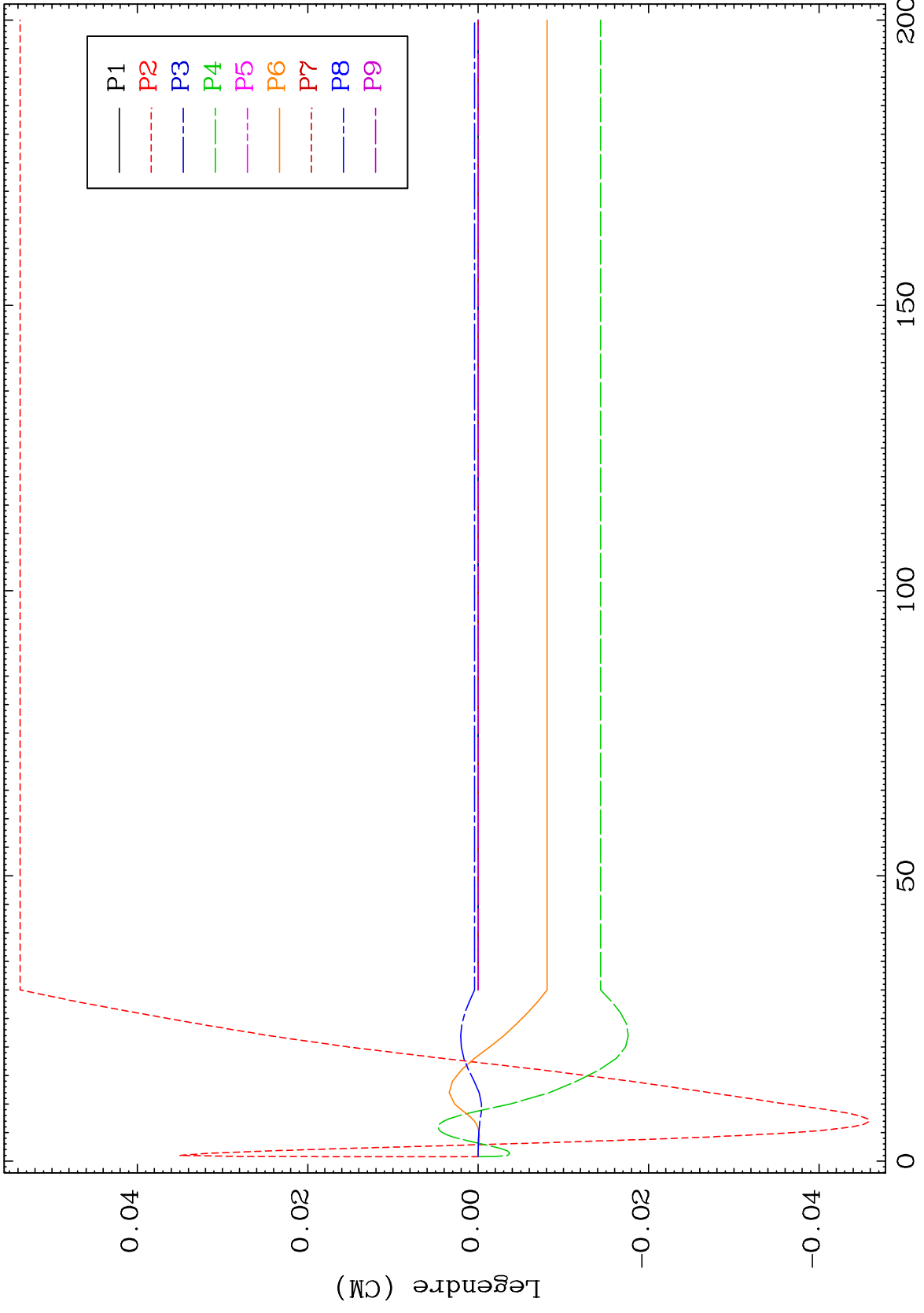
77-Ir-171



113

77-Ir-171

MAT 7665 MT= 77 (n,n') Level Legendre Coefficients 77-Ir-171

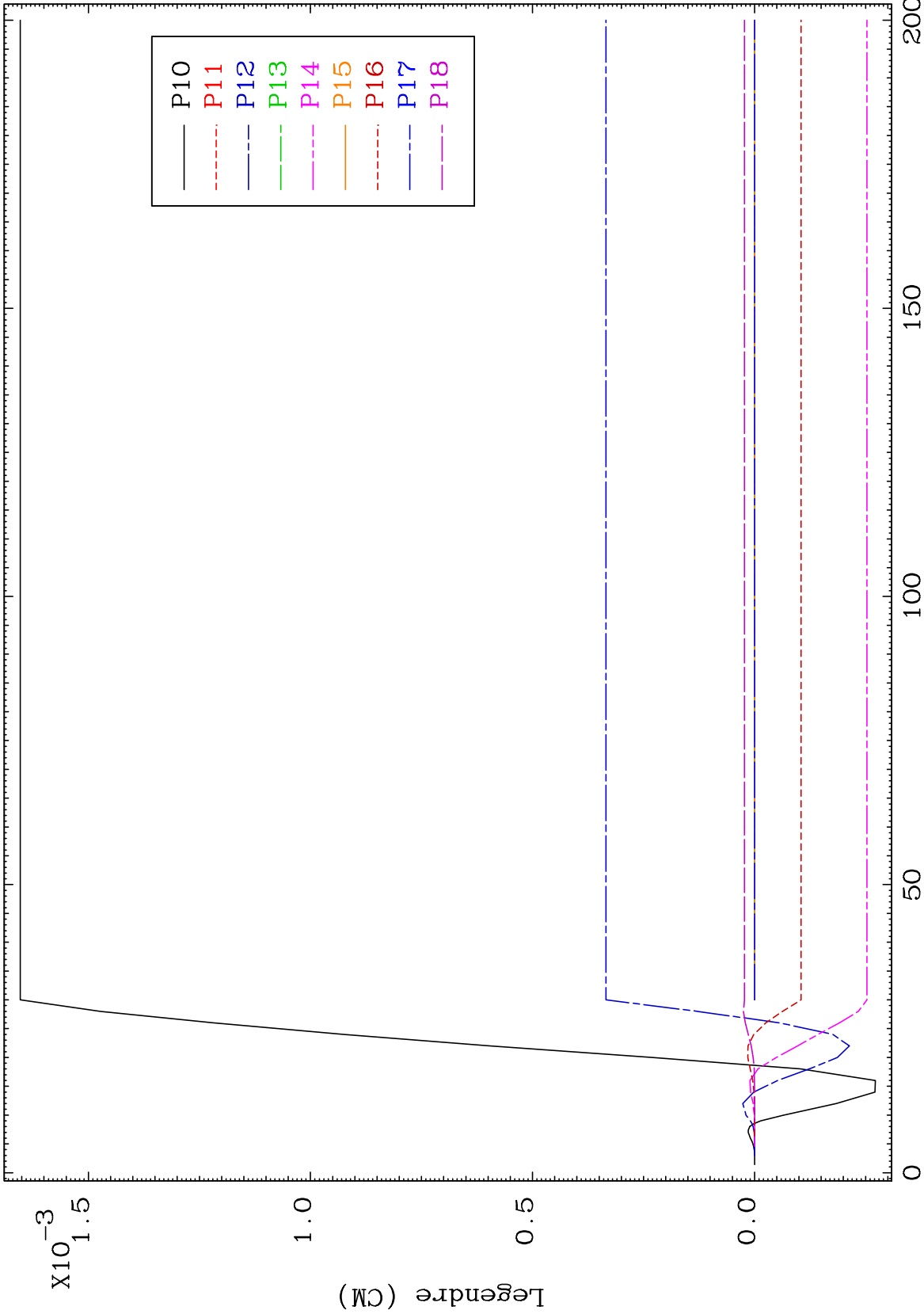


114 77-Ir-171

MAT 7665

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

77-Ir-171



115

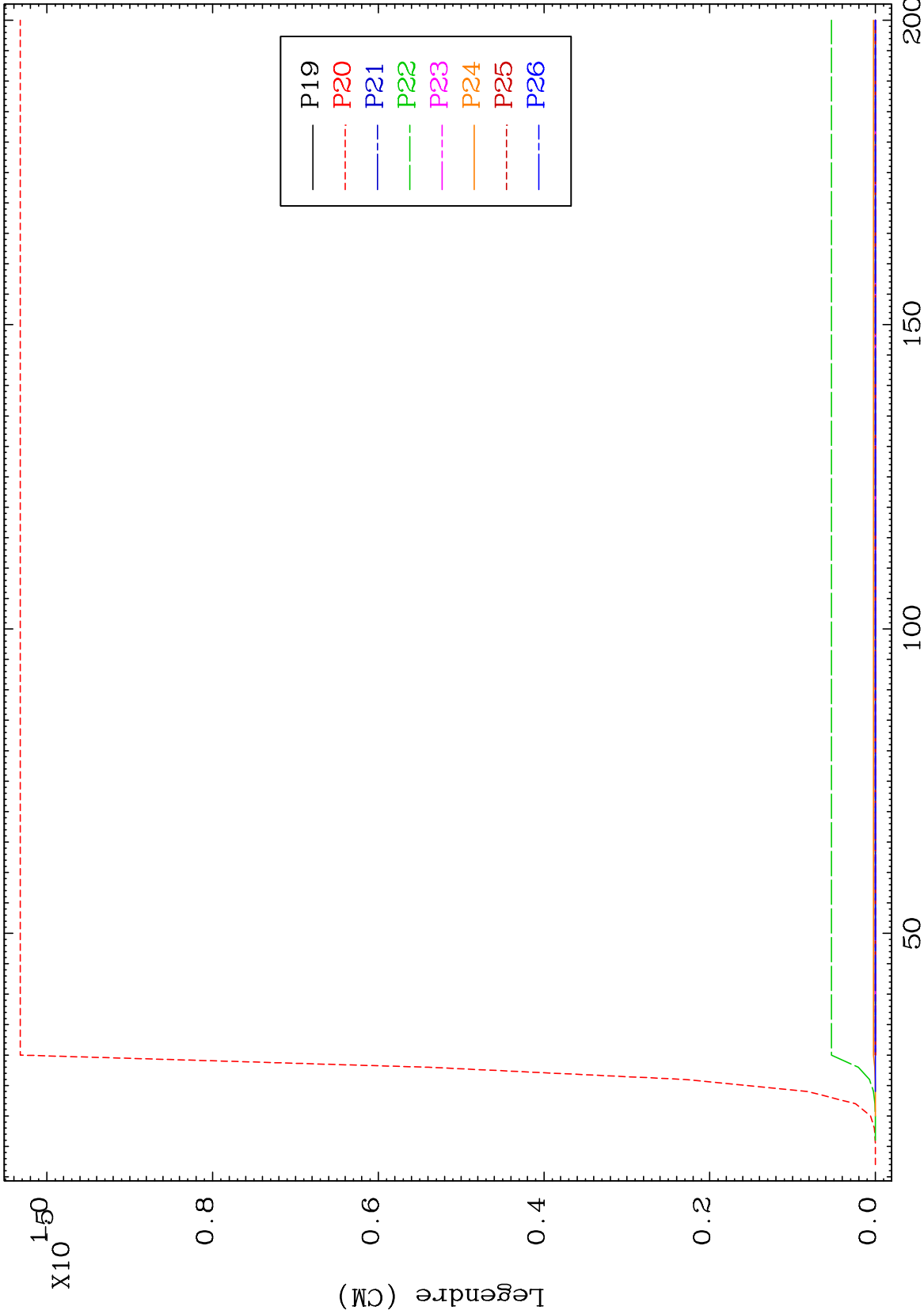
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171

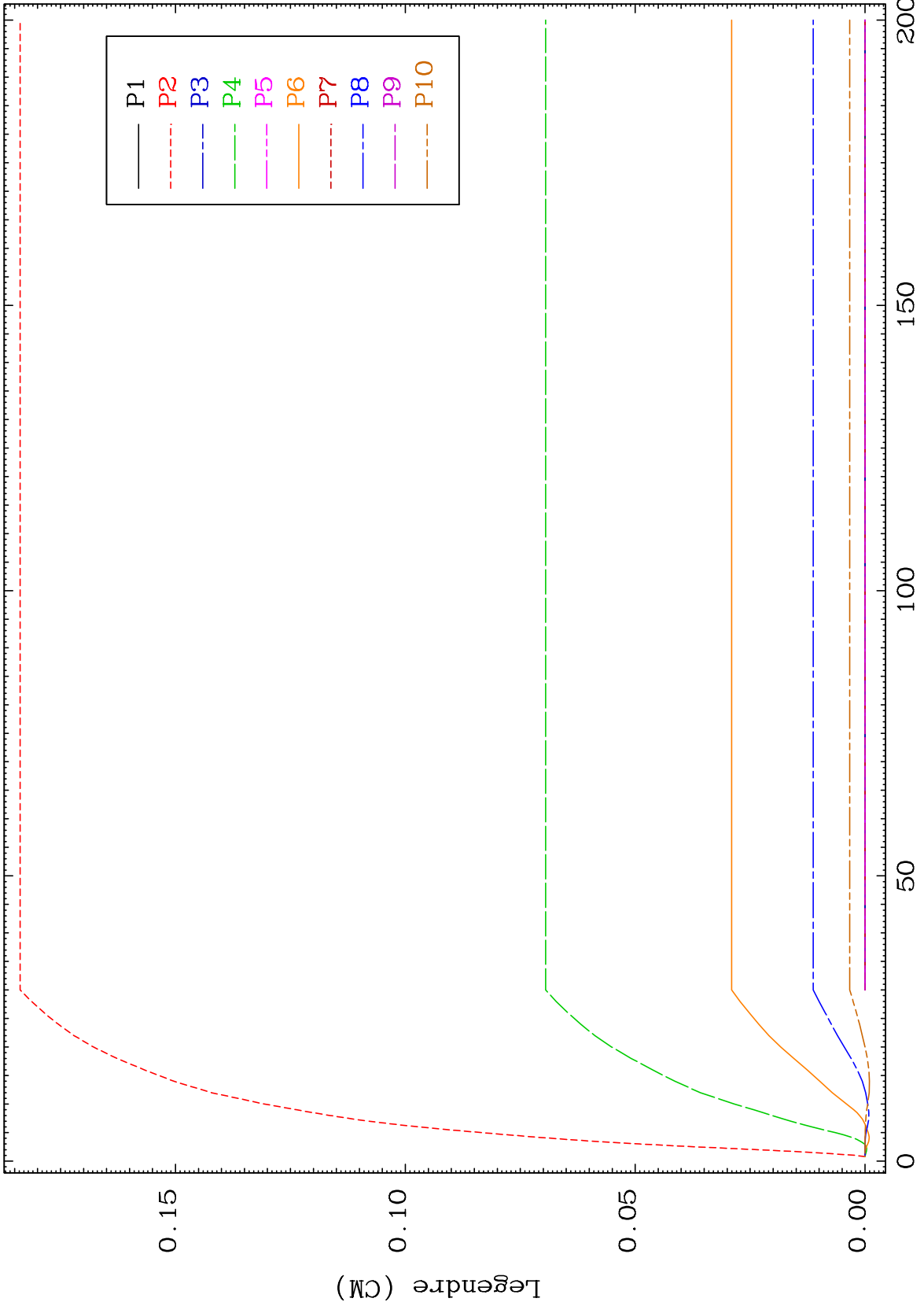


116

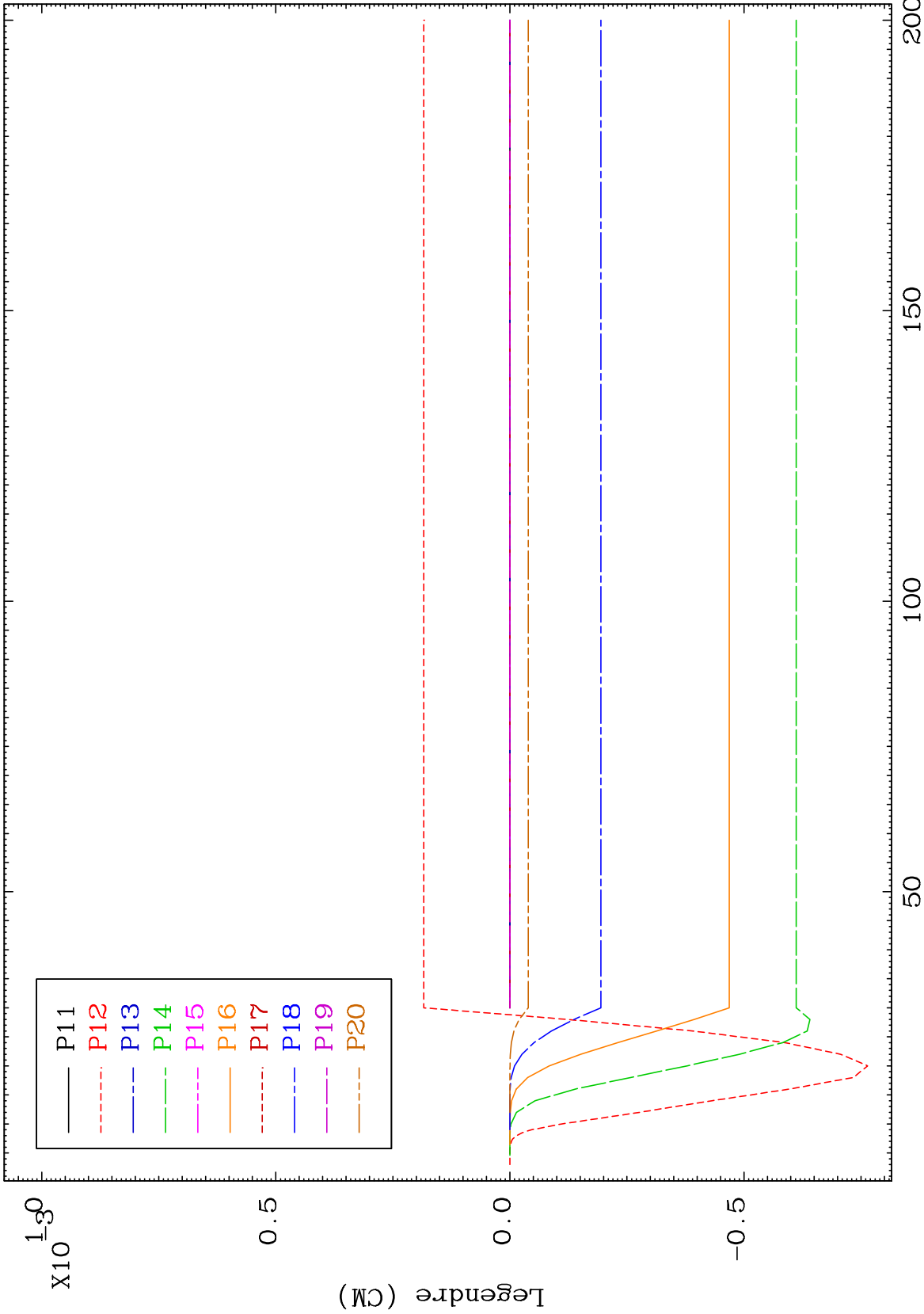
Incident Energy (MeV)

77-Ir-171

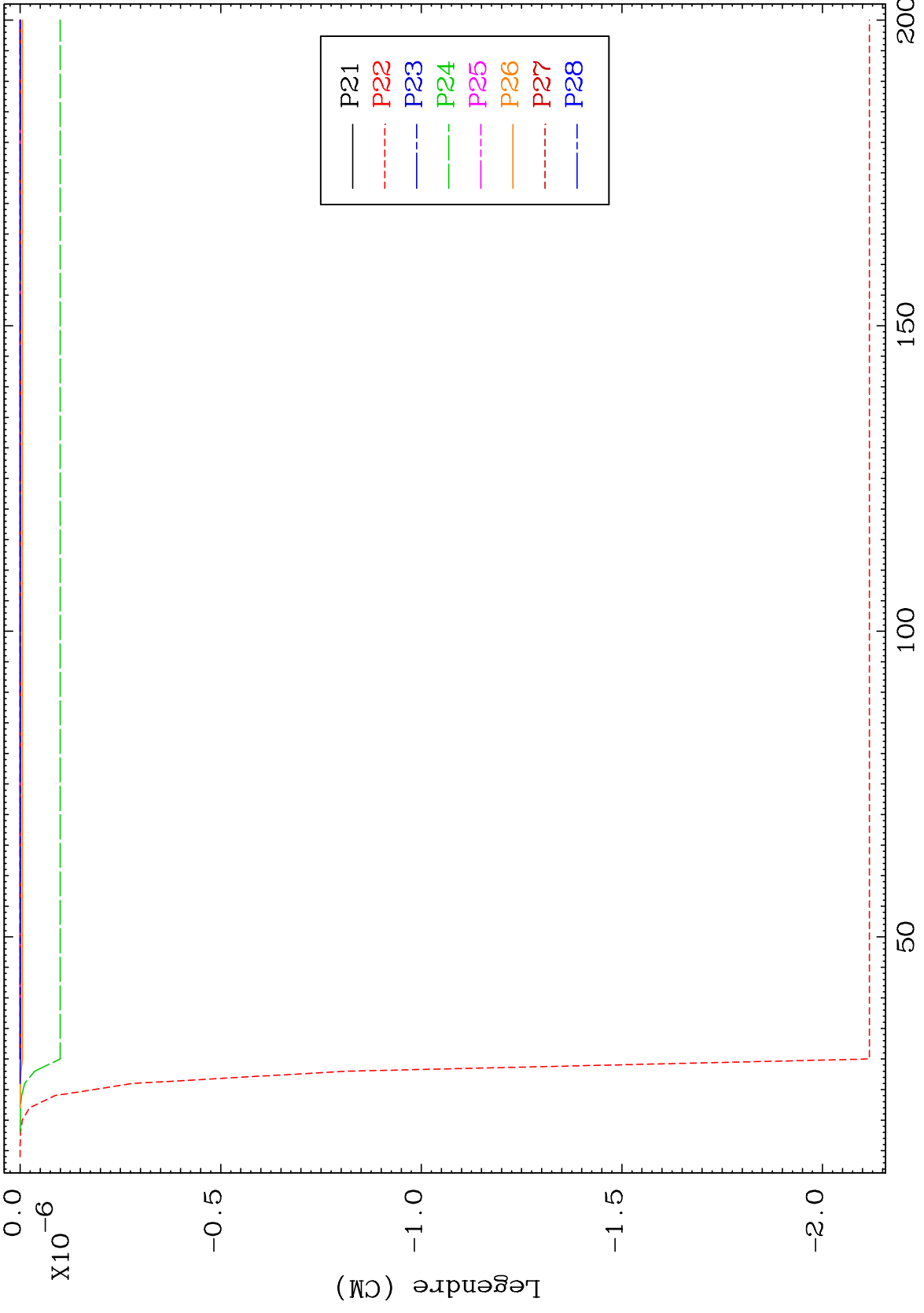
MAT 7665 MT= 78 (n,n') Level Legendre Coefficients 77-Ir-171



117 77-Ir-171



MAT 7665 MT= 78 (n,n') Level Legendre Coefficients 77-Ir-171

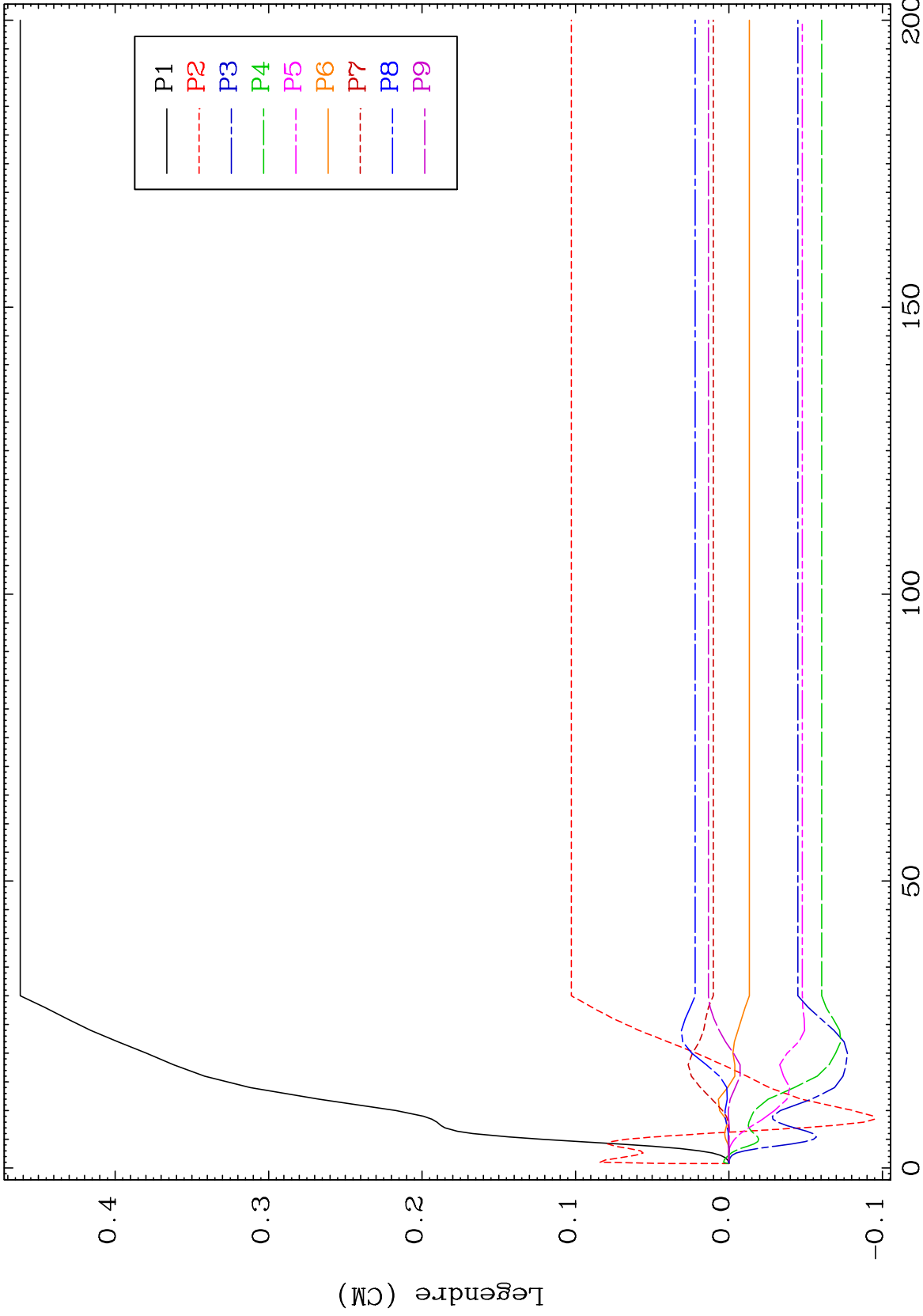


119 77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

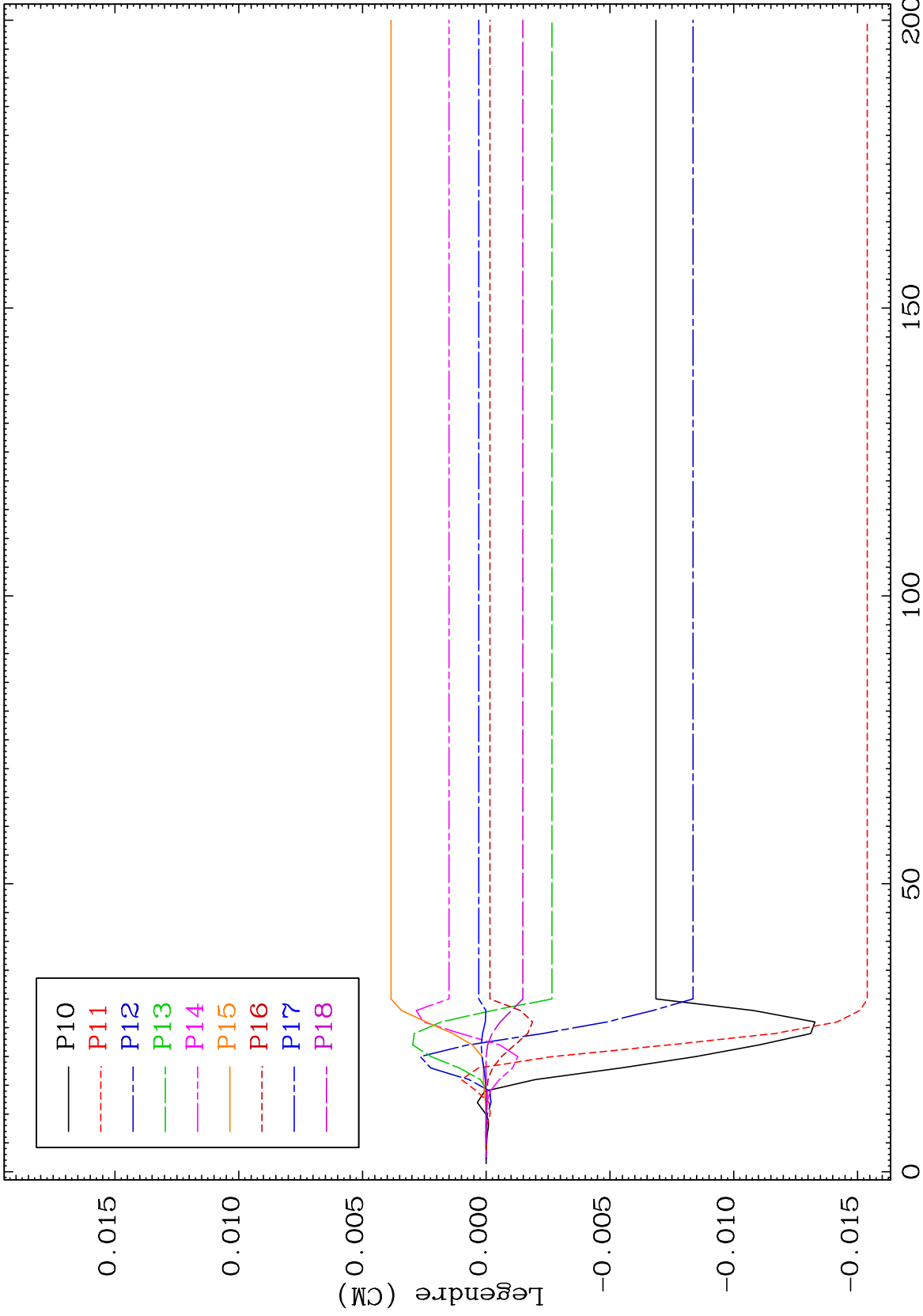
Incident Energy (MeV)

120

MAT 7665

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

77-Ir-171



121

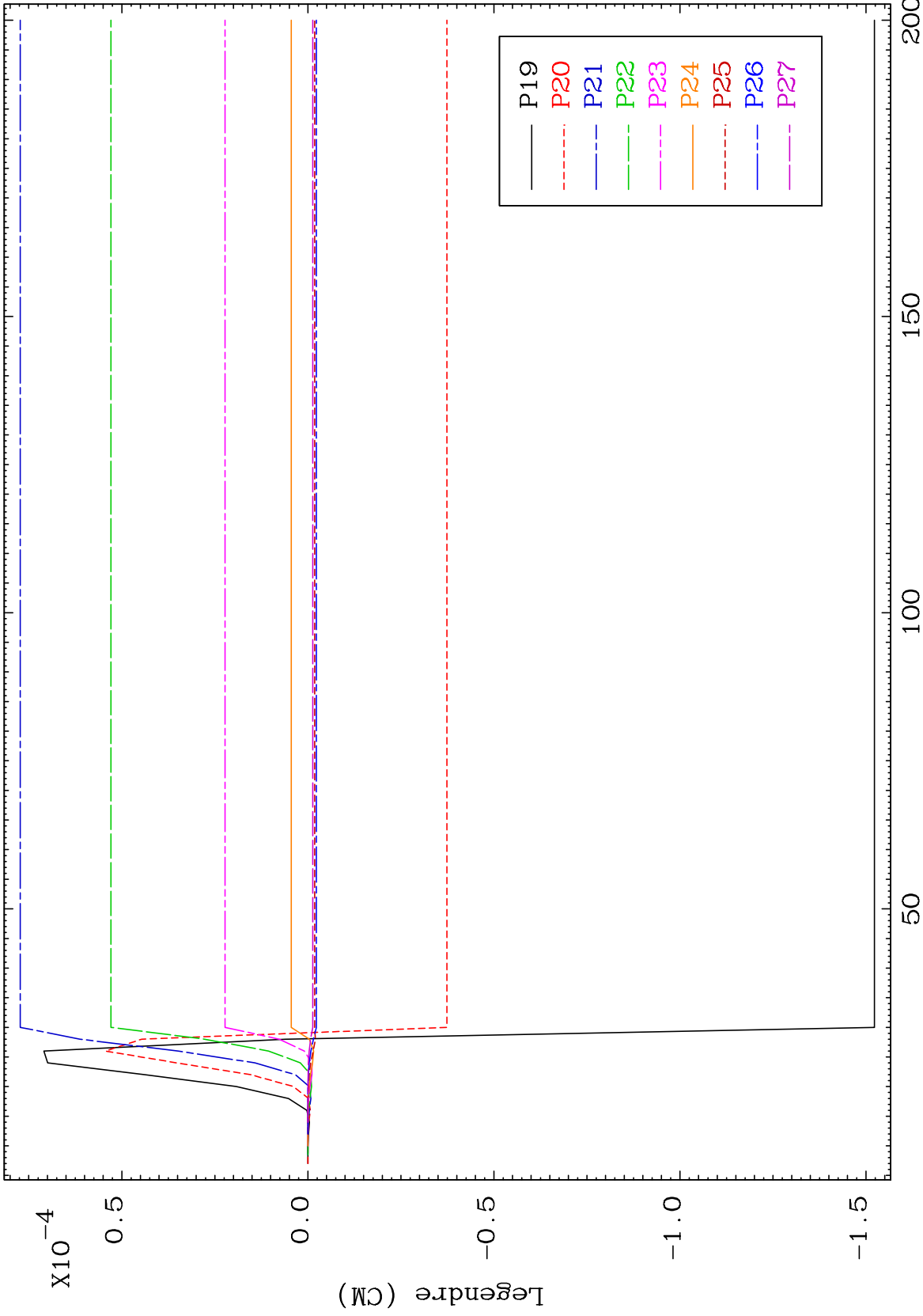
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171

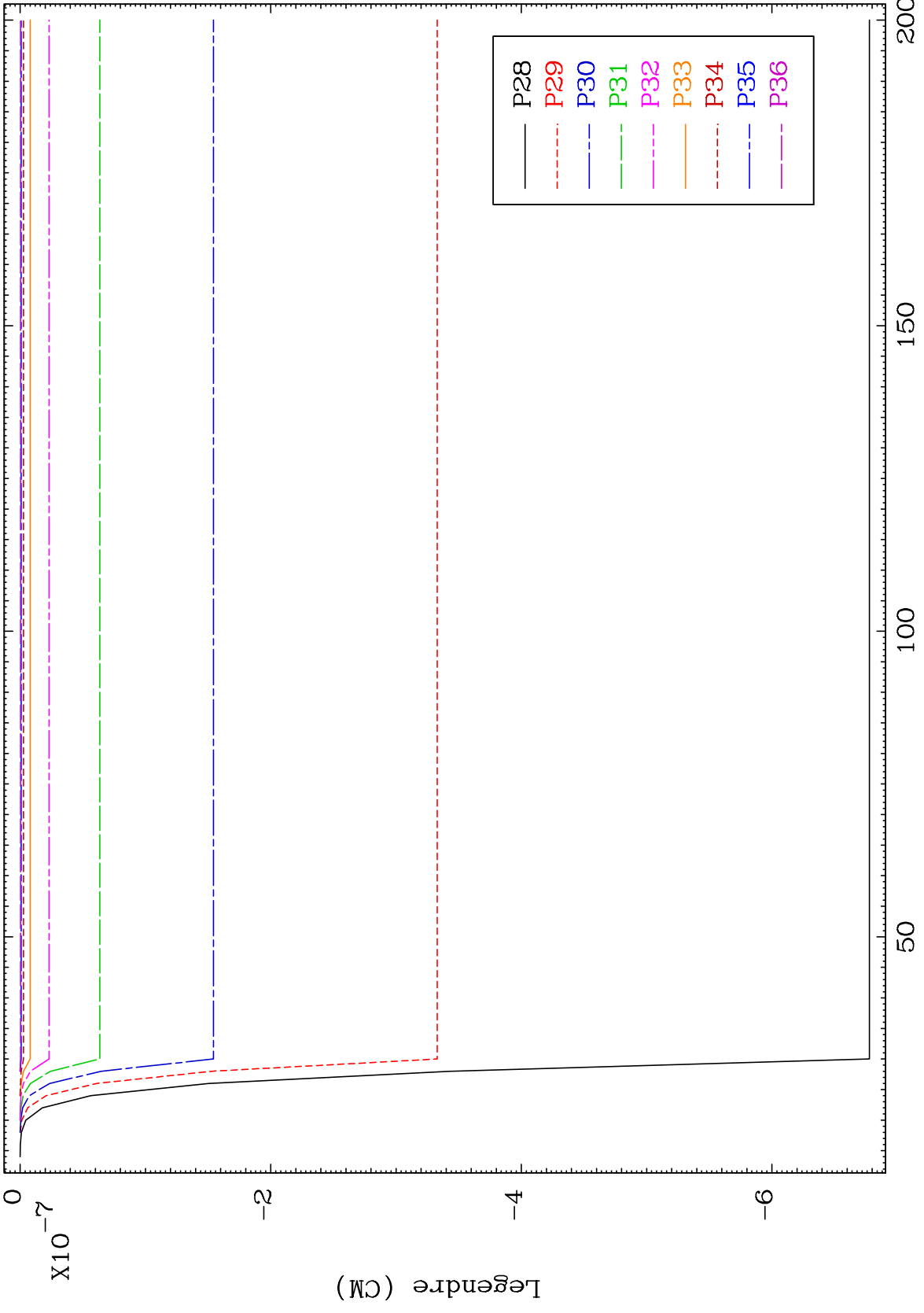


122

Incident Energy (MeV)

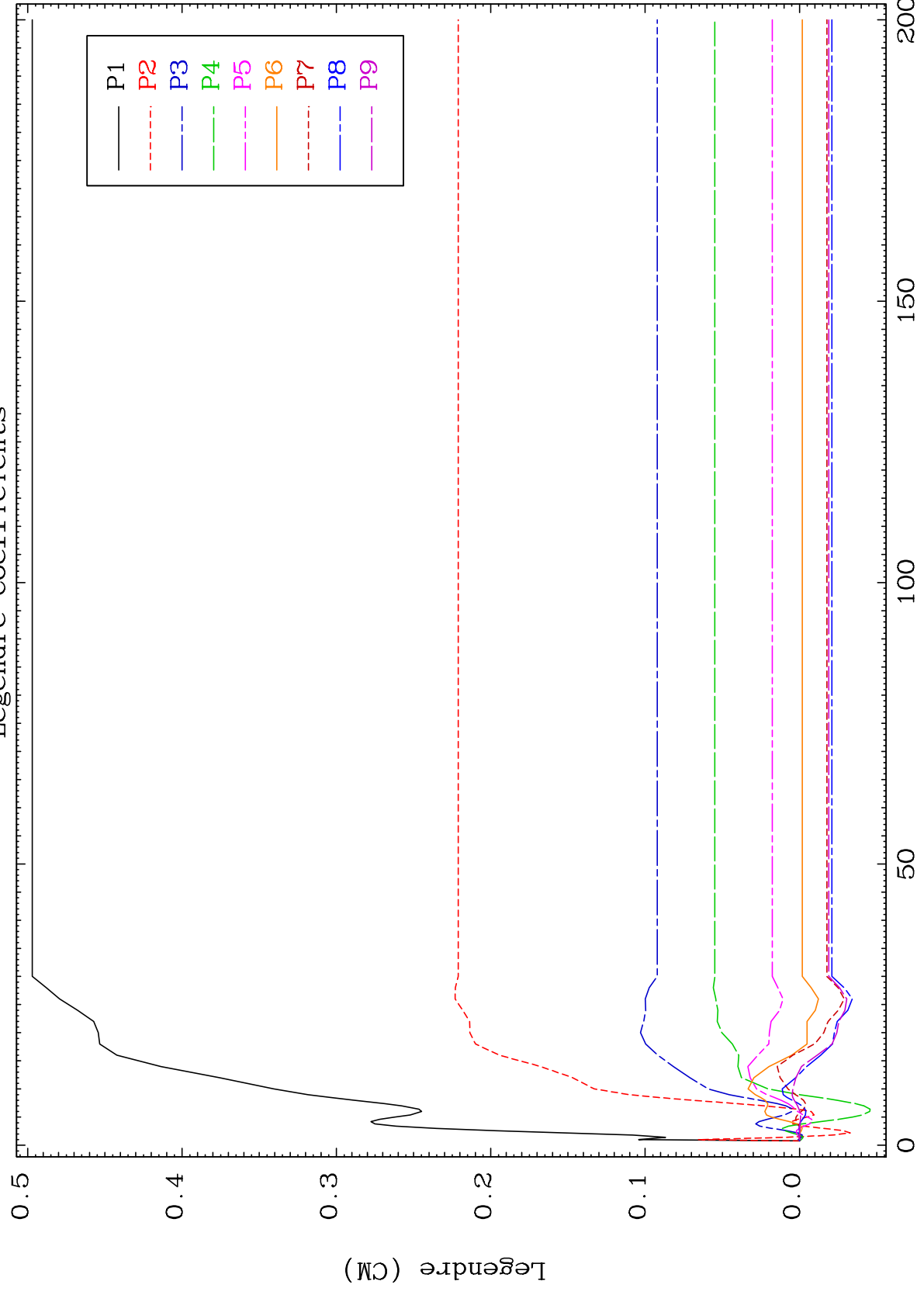
77-Ir-171

MAT 7665 MT= 79 (n,n') Level Legendre Coefficients 77-Ir-171



123 77-Ir-171

MAT 7665 MT= 80 (n,n') Level Legendre Coefficients 77-Ir-171



77-Ir-171

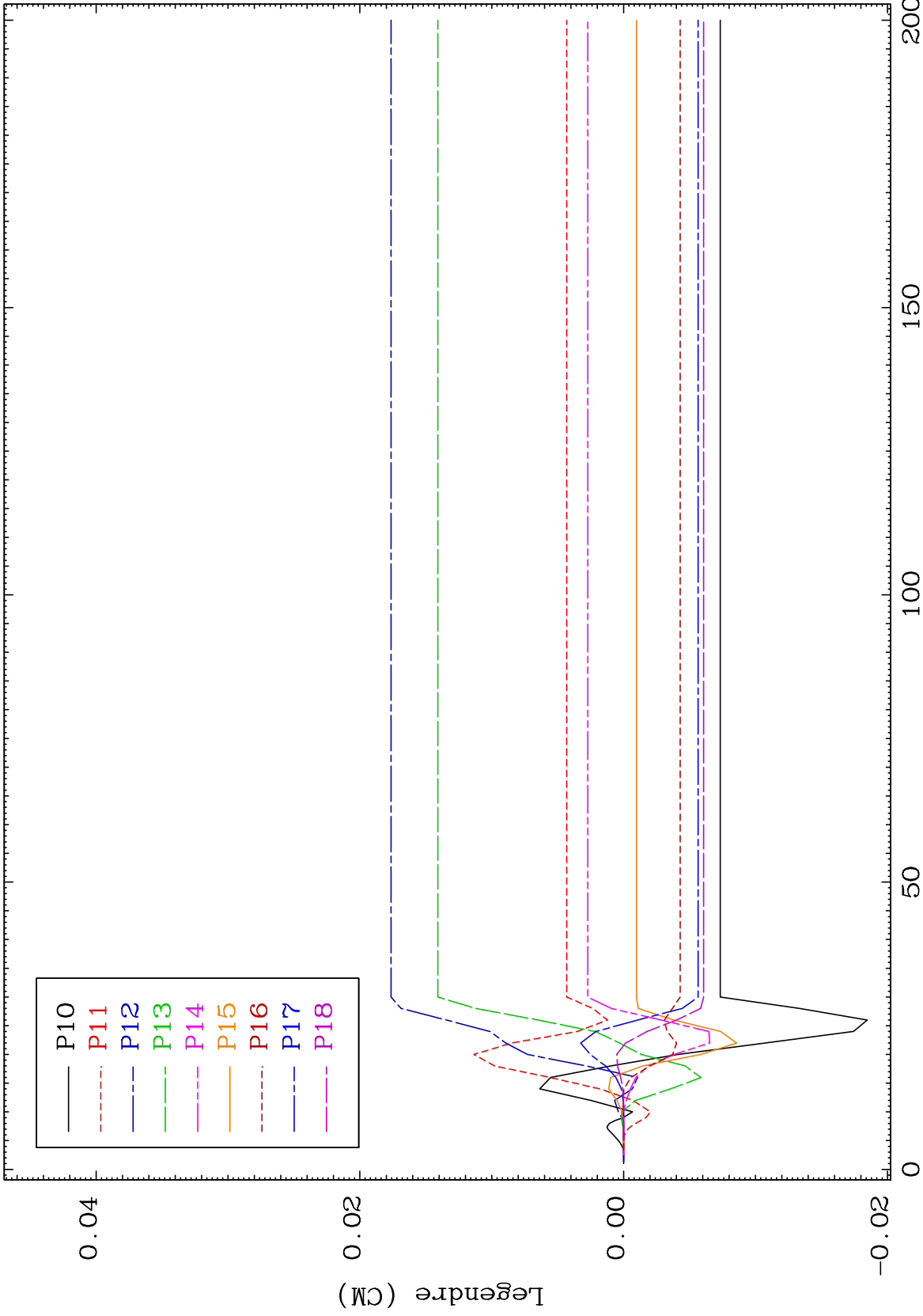
Incident Energy (MeV)

124

MAT 7665

MT= 80 (n,n') Level
Legendre Coefficients

77-Ir-171



77-Ir-171

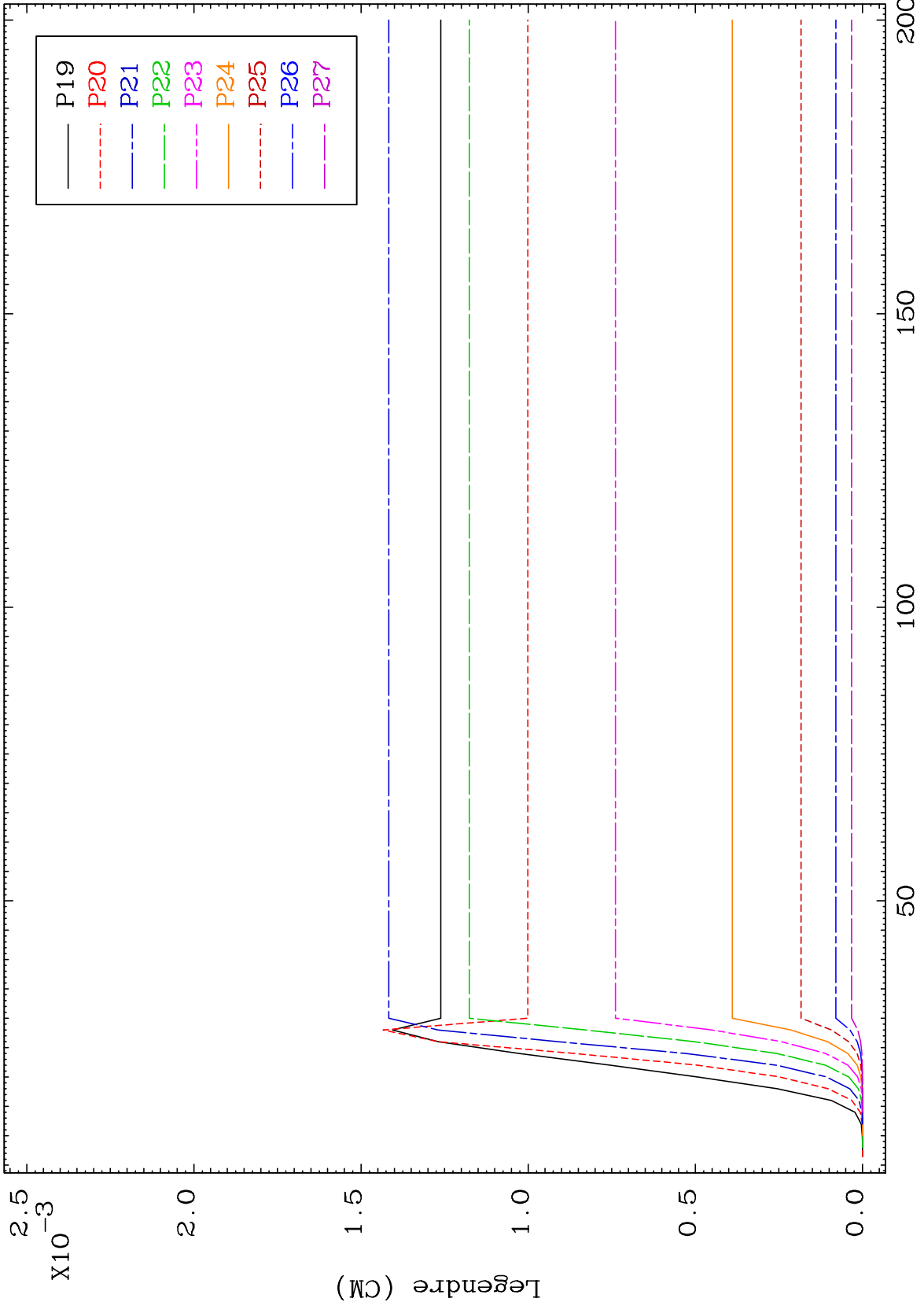
Incident Energy (MeV)

125

MAT 7665

MT= 80 (n,n') Level
Legendre Coefficients

77-Ir-171



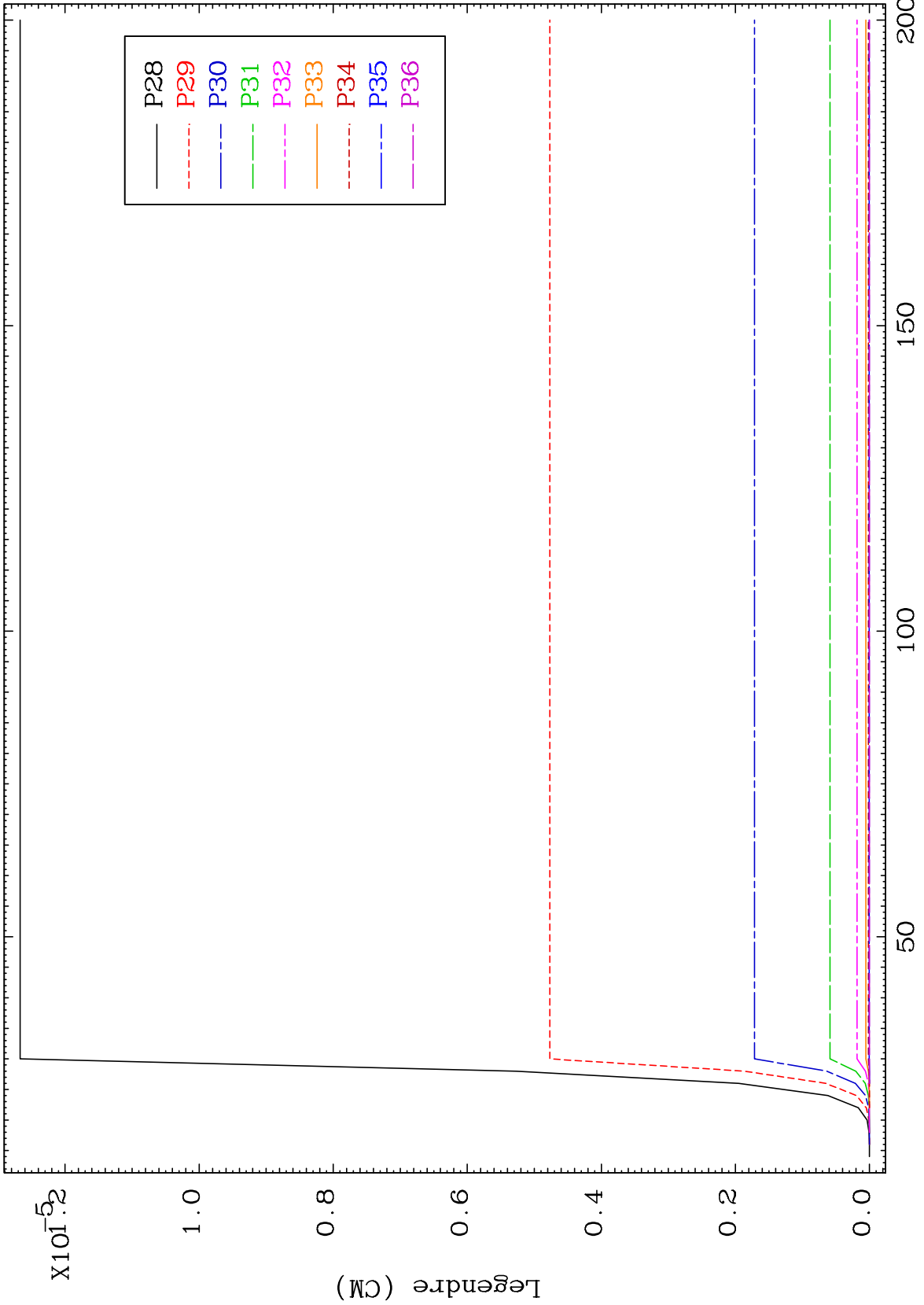
126

77-Ir-171

MAT 7665

MT= 80 (n,n') Level
Legendre Coefficients

77-Ir-171



127

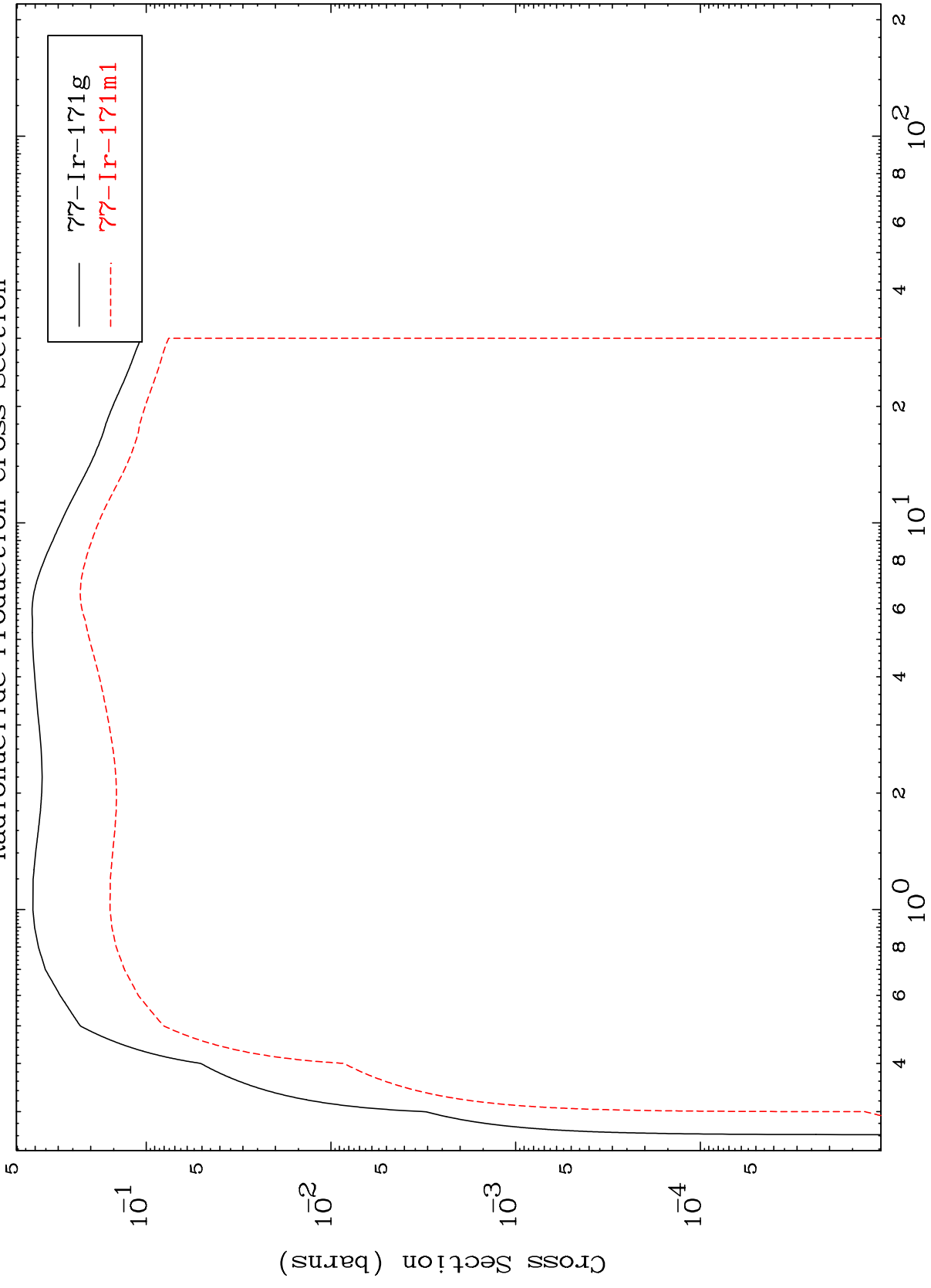
Incident Energy (MeV)

77-Ir-171

MAT 7665

77-Ir-171

Inelastic
Radionuclide Production Cross Section



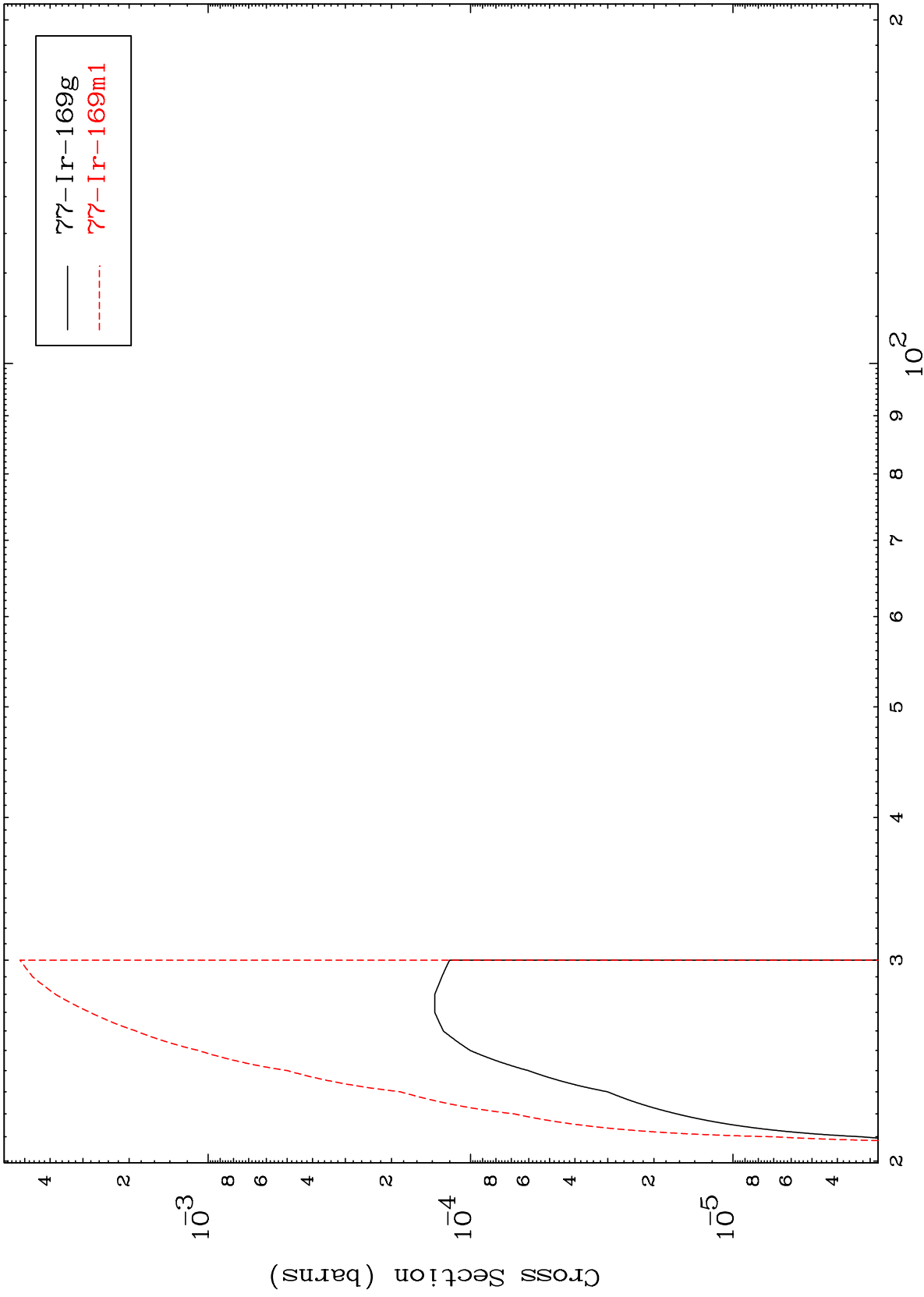
— 77-Ir-171g
- - - 77-Ir-171m1

MAT 7665

(n,3n)

⁷⁷Ir-171

Radionuclide Production Cross Section



129

Incident Energy (MeV)

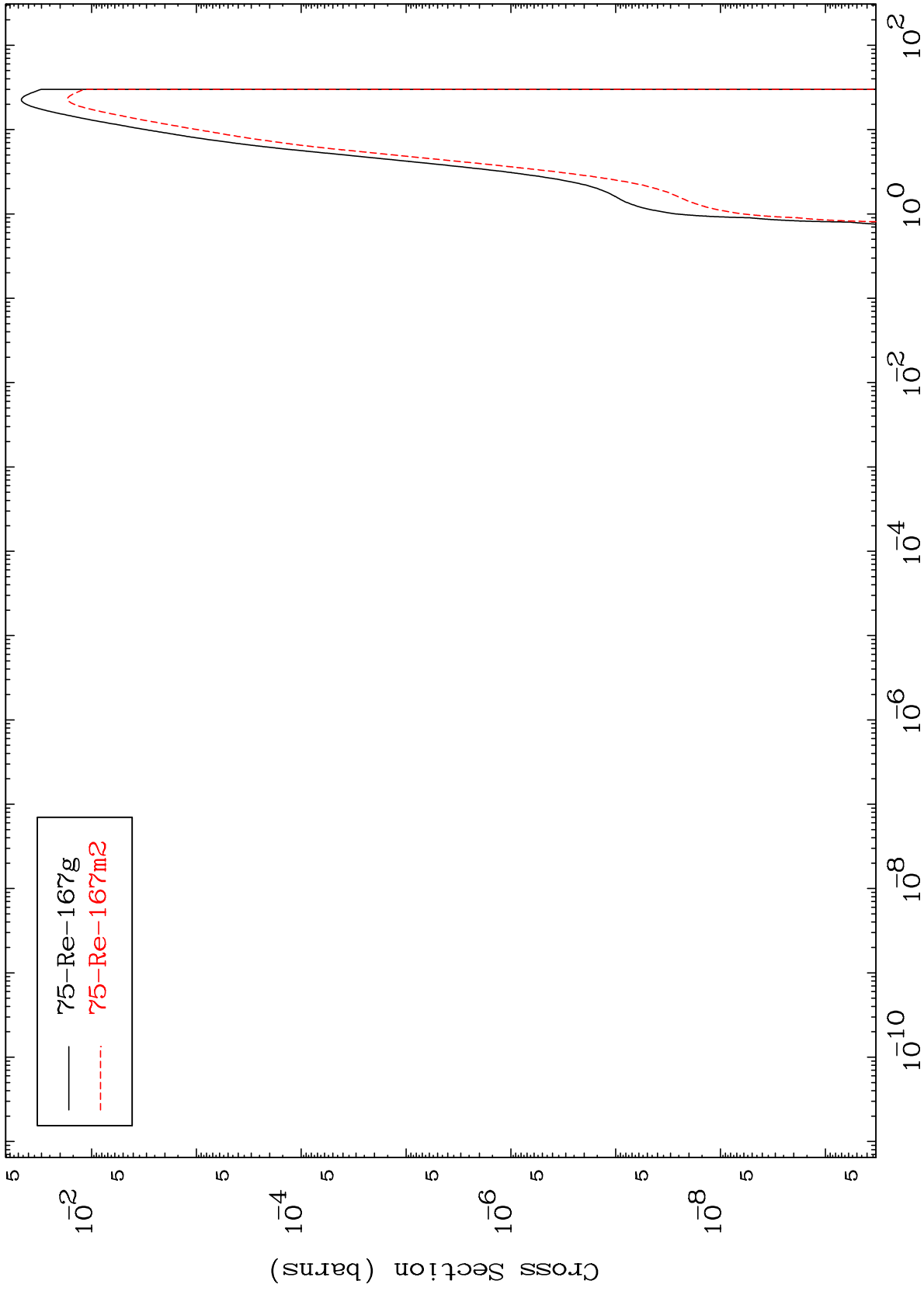
⁷⁷Ir-171

MAT 7665

(n,n') α

77-Ir-171

Radionuclide Production Cross Section



130

Incident Energy (MeV)

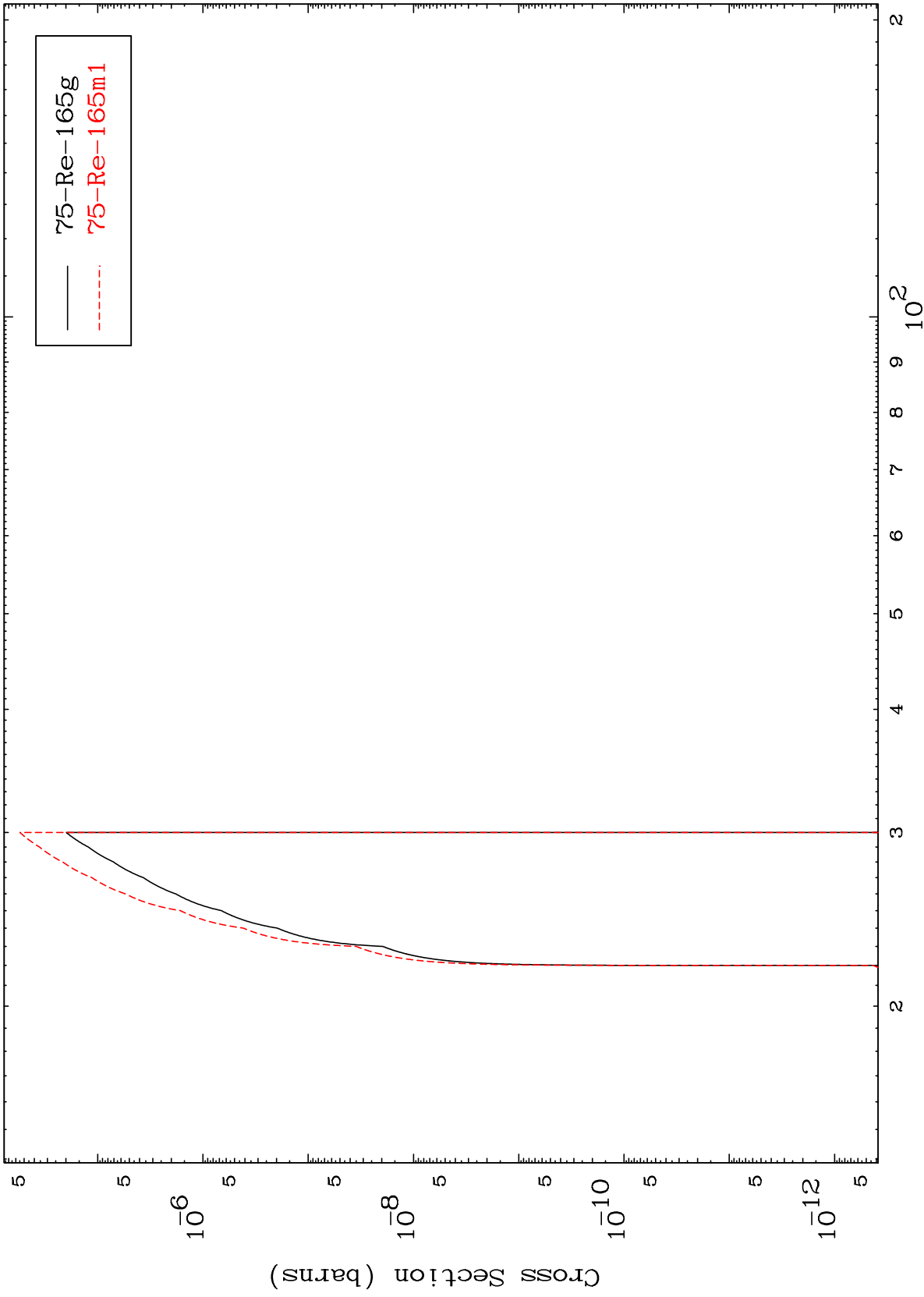
77-Ir-171

MAT 7665

(n,3n) α

77-Ir-171

Radionuclide Production Cross Section



131

Incident Energy (MeV)

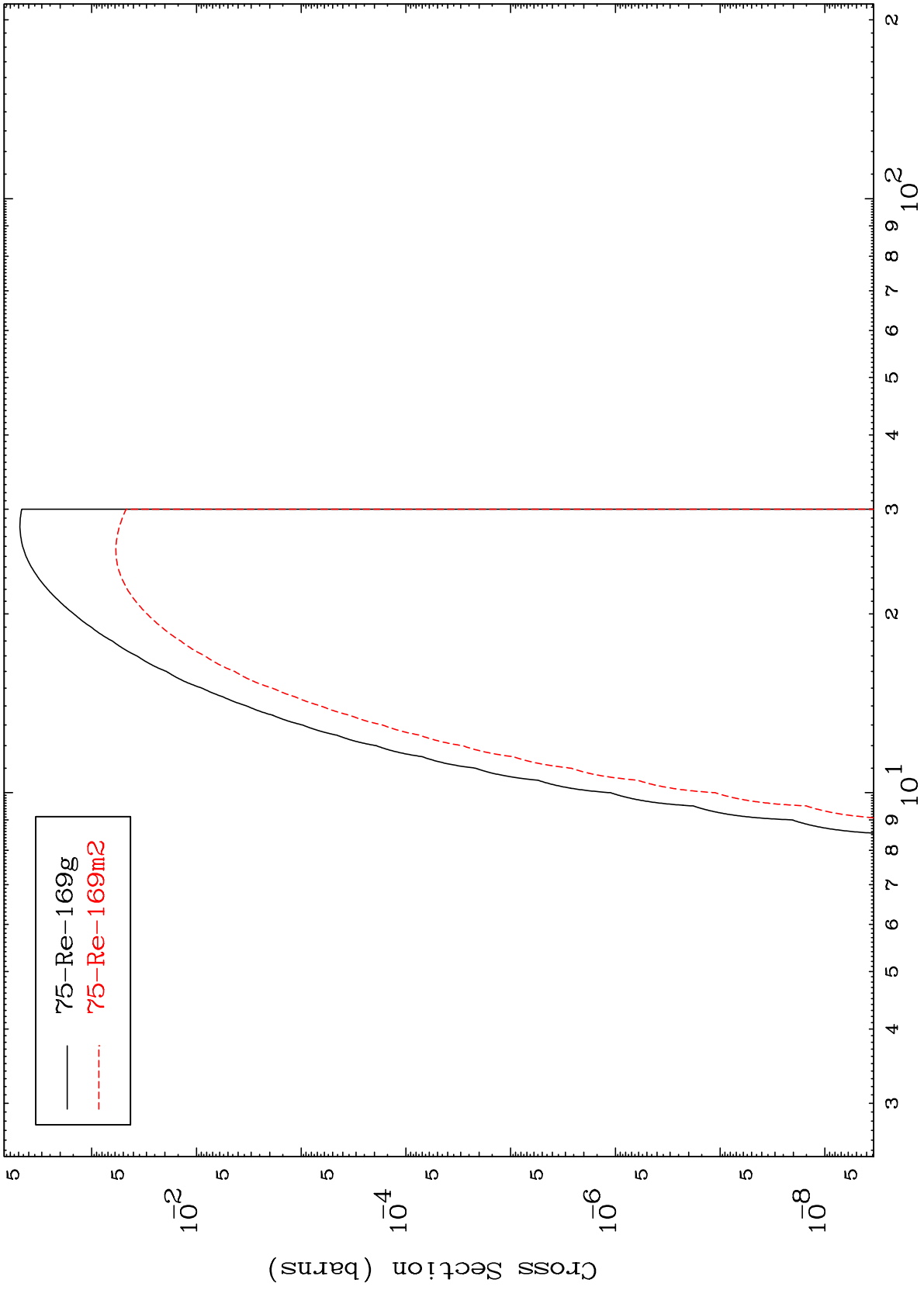
77-Ir-171

MAT 7665

(n,2n) p

77-Ir-171

Radionuclide Production Cross Section



132

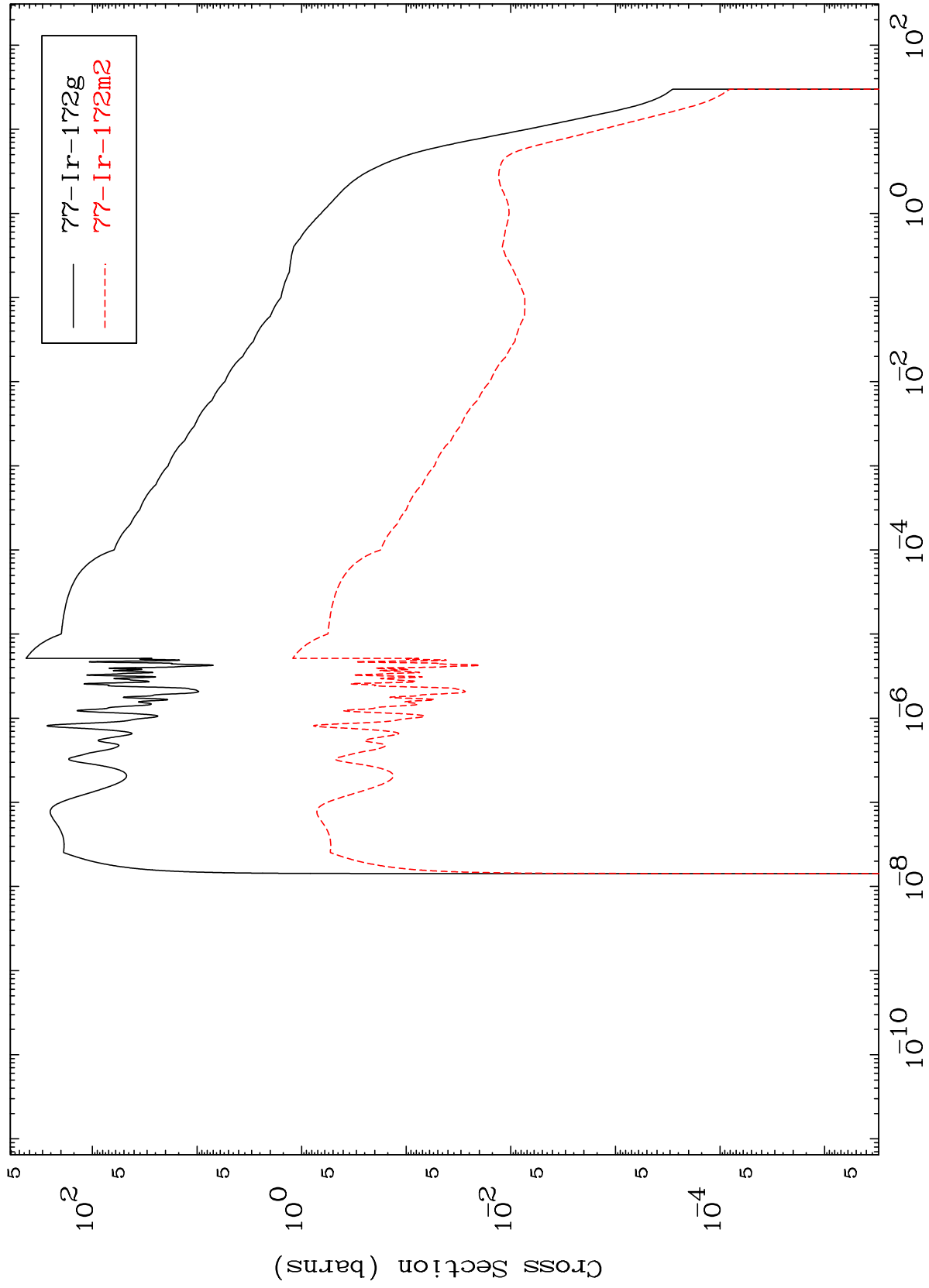
Incident Energy (MeV)

77-Ir-171

MAT 7665

77-Ir-171

(n,γ)
Radionuclide Production Cross Section



133

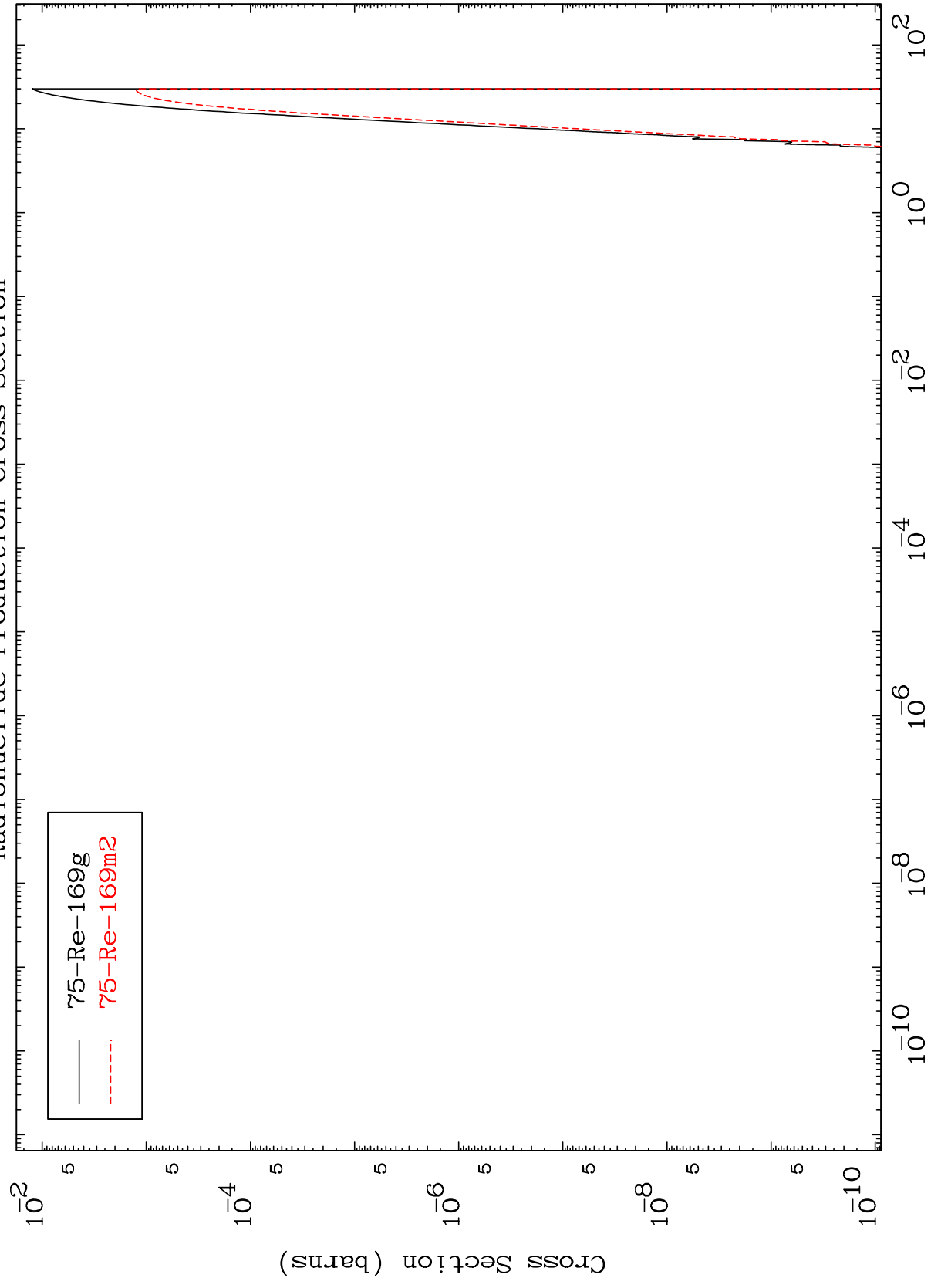
77-Ir-171

MAT 7665

(n, He-3)

77-Ir-171

Radionuclide Production Cross Section



134

Incident Energy (MeV)

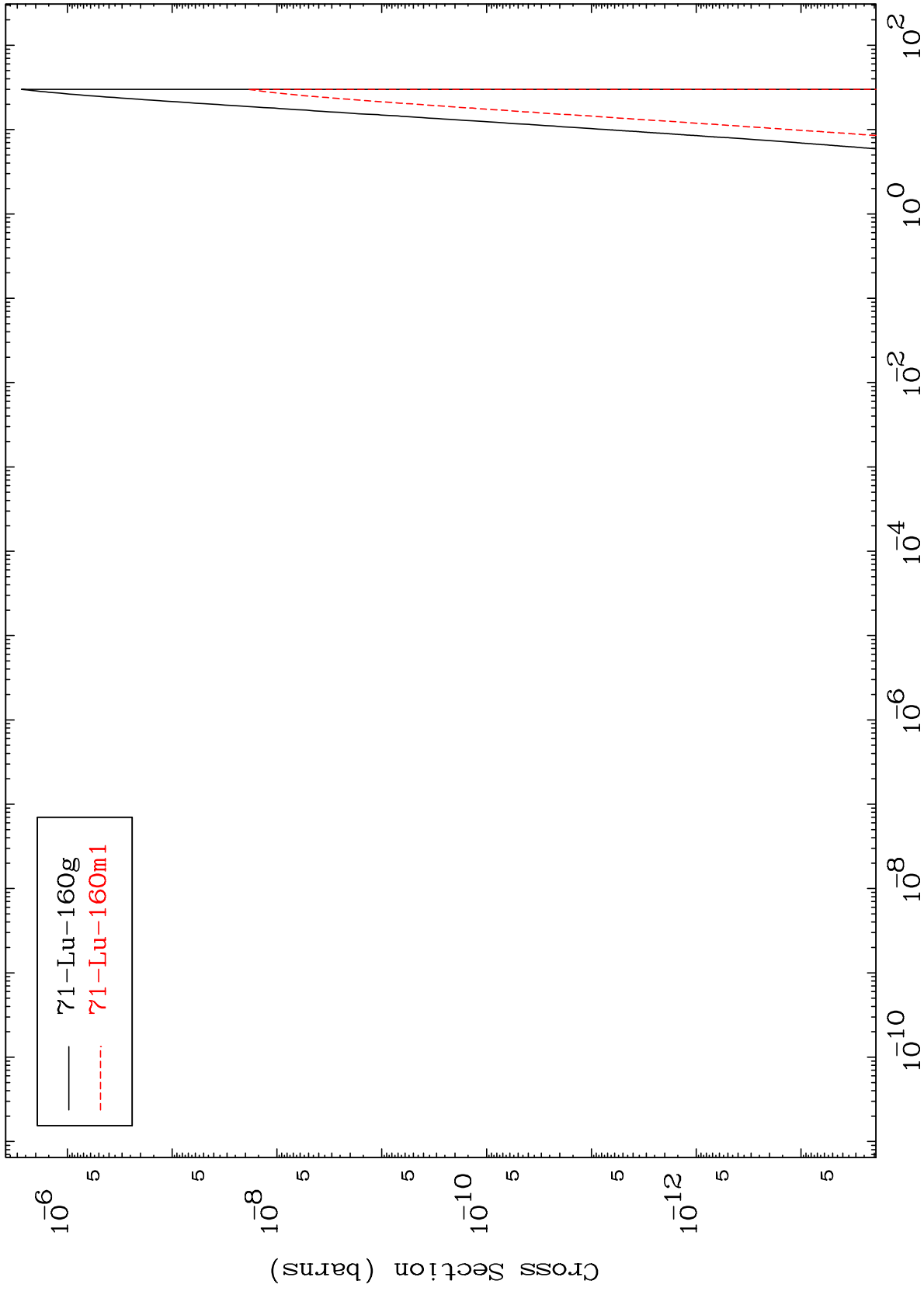
77-Ir-171

MAT 7665

(n,3α)

⁷⁷Ir-171

Radionuclide Production Cross Section



135

Incident Energy (MeV)

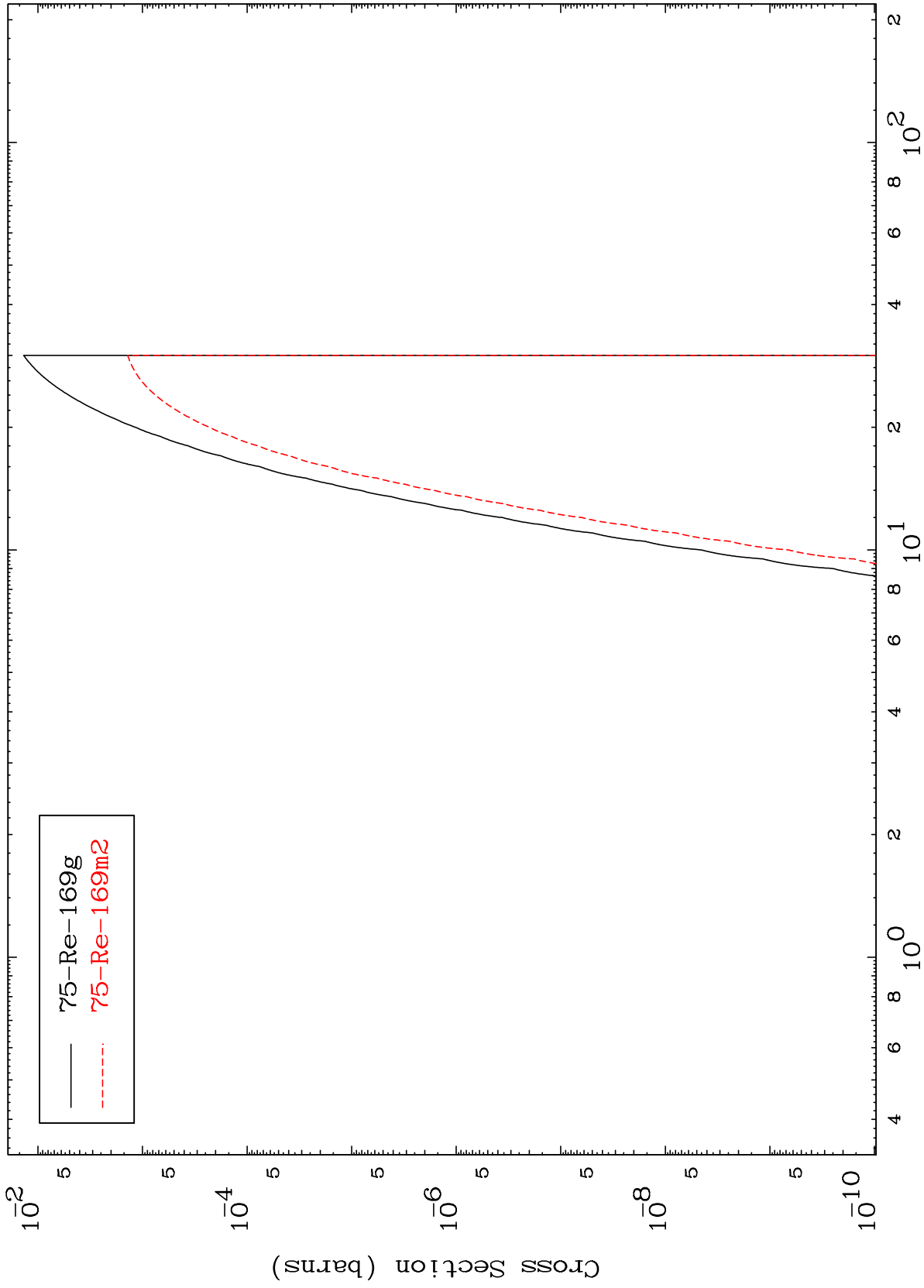
⁷⁷Ir-171

MAT 7665

(n,p) d

77-Ir-171

Radionuclide Production Cross Section



136

Incident Energy (MeV)

77-Ir-171