

Program EVALPLOT
(Version 2018-1)

by

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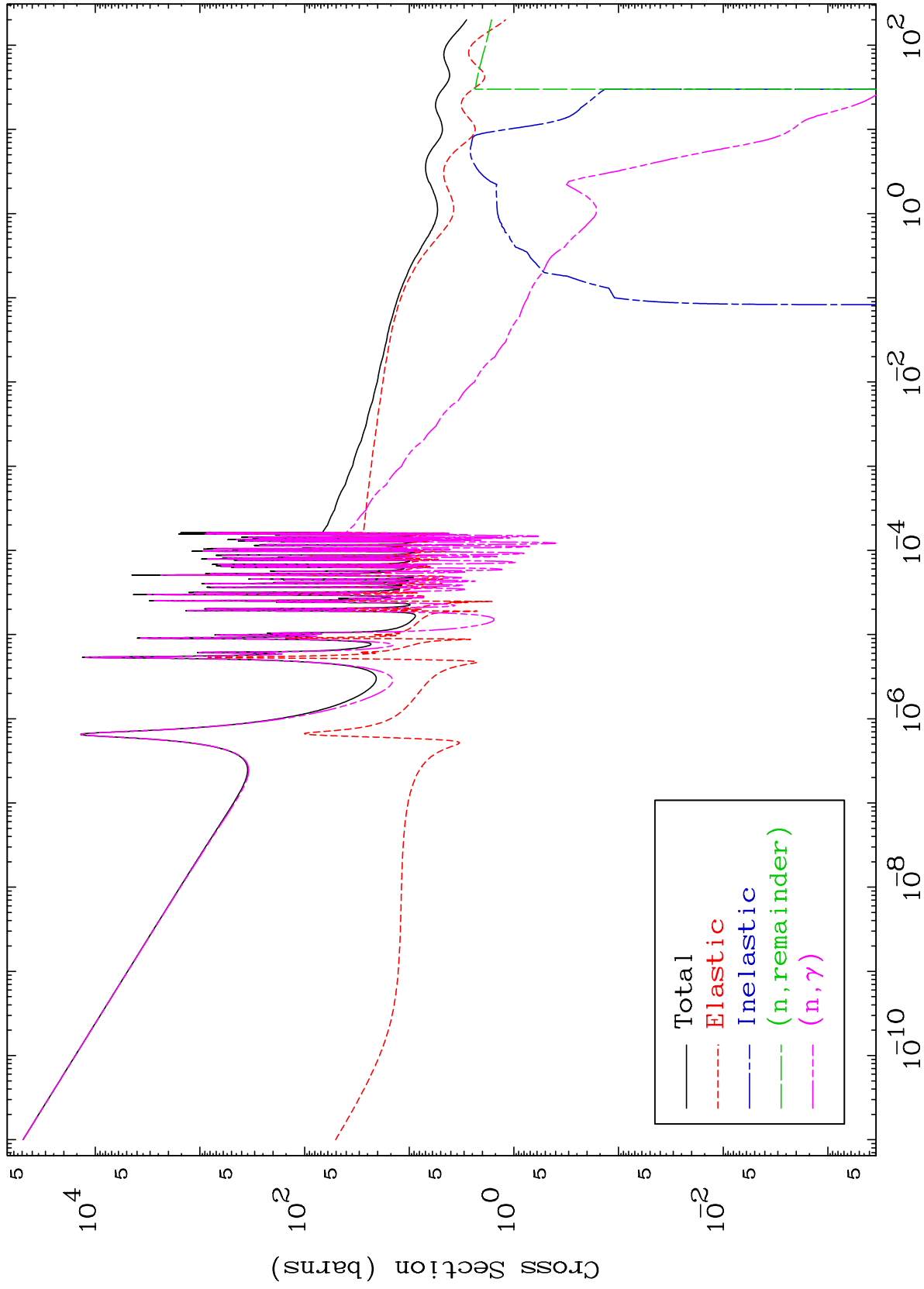
Press Mouse Button to Start

MAT 7725

Major

293 Kelvin Cross Sections

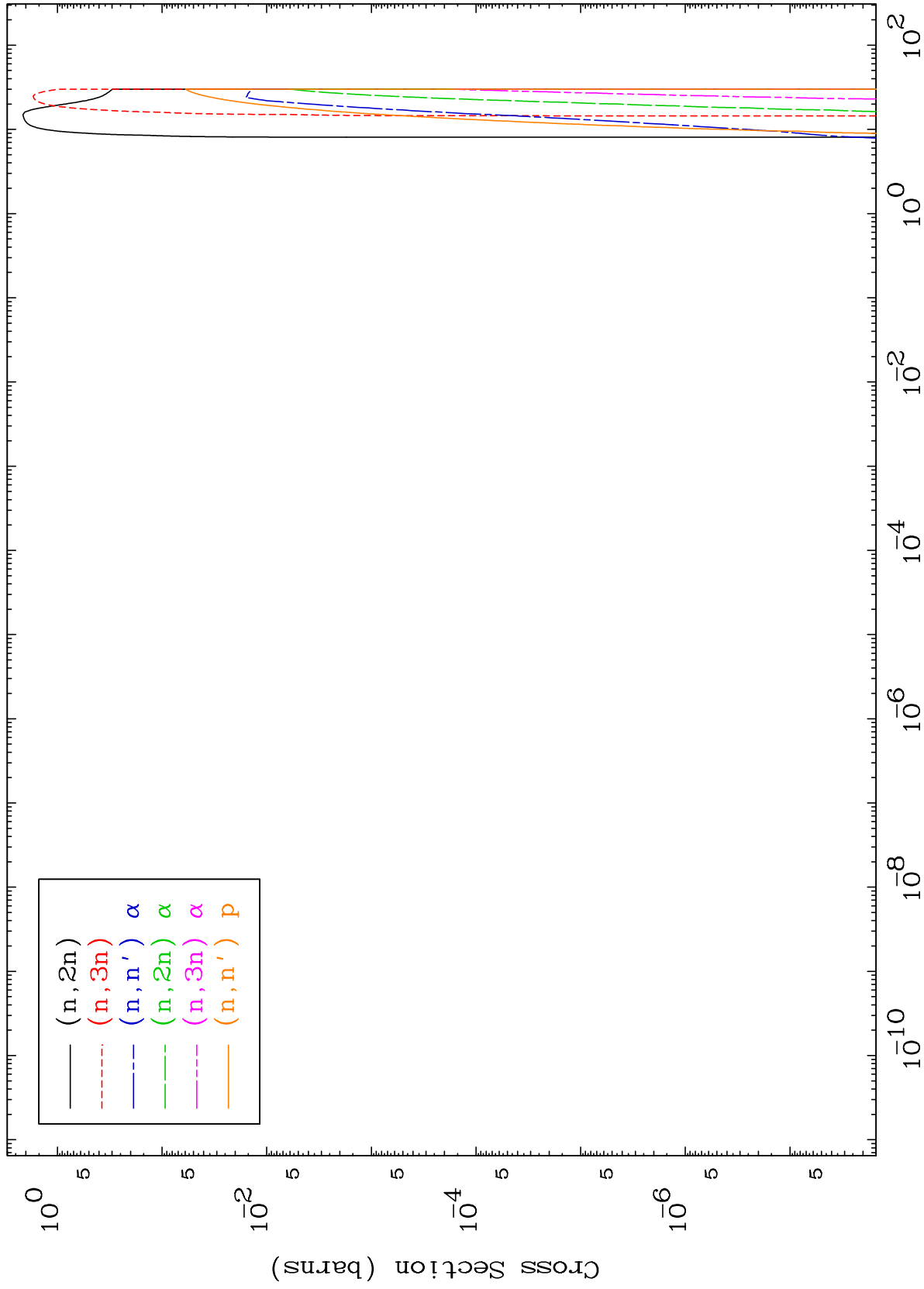
77-Ir-191



MAT 7725

Neutron Production
293 Kelvin Cross Sections

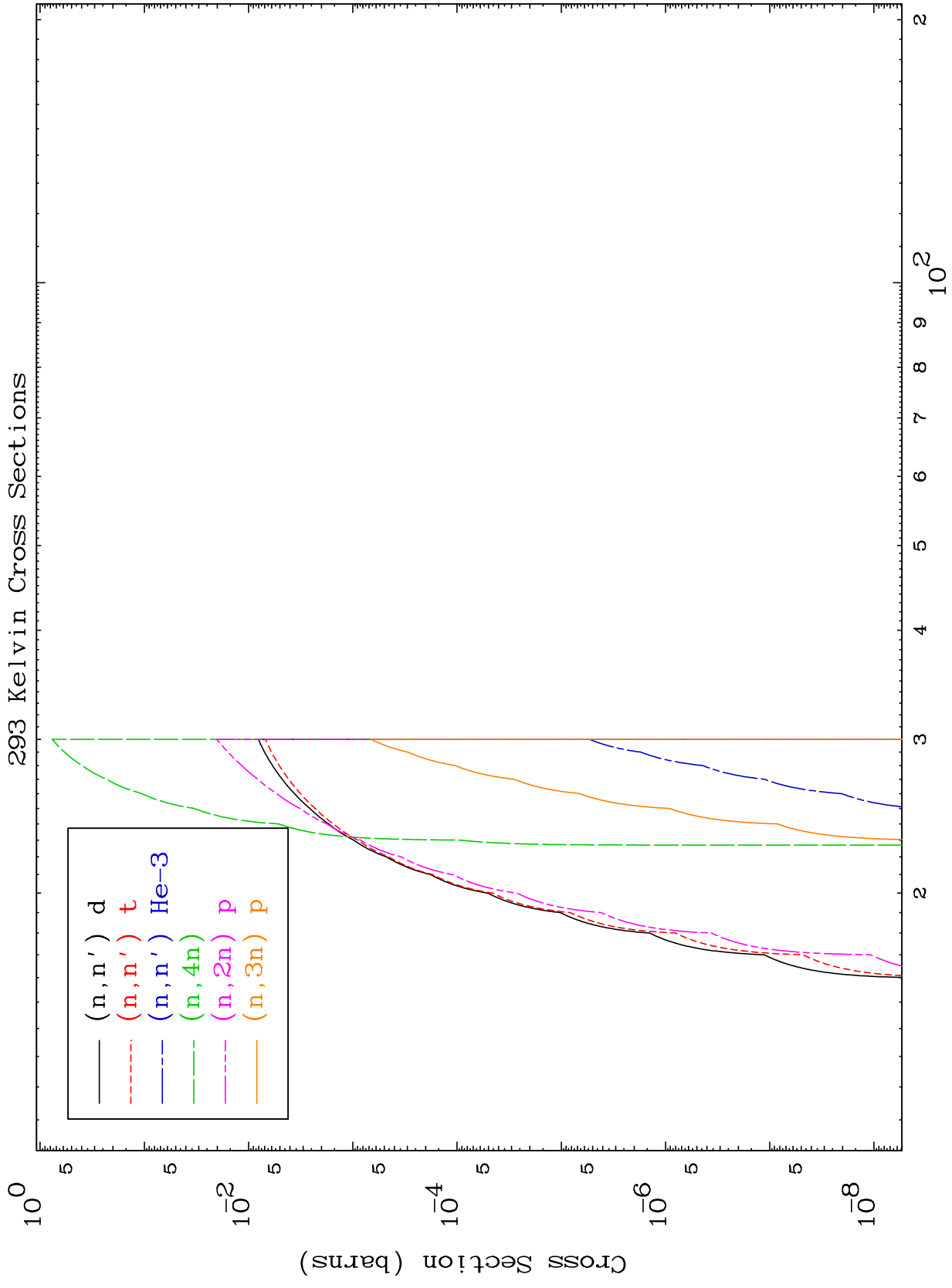
77-Ir-191



2

Incident Energy (MeV)

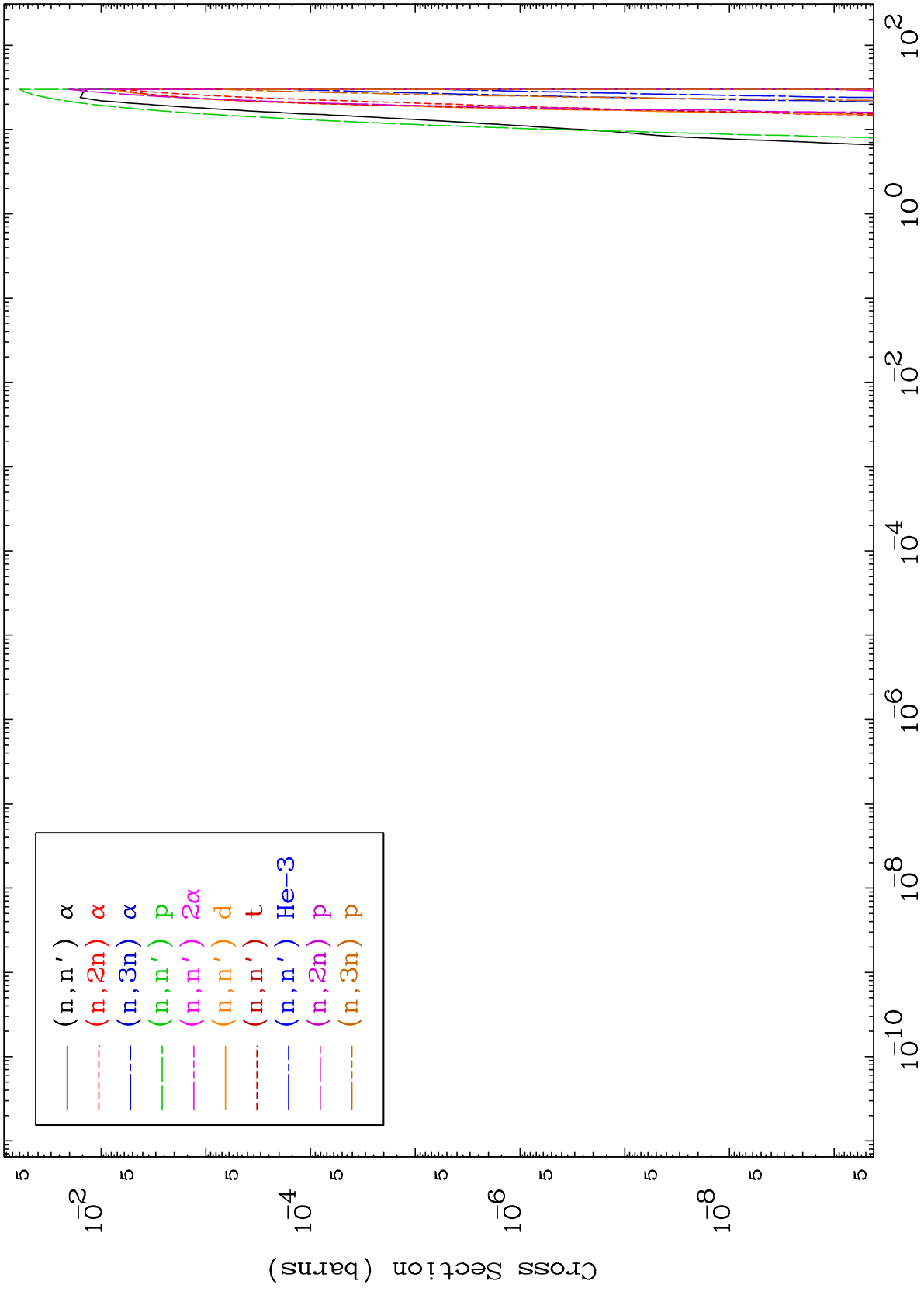
77-Ir-191



MAT 7725

293 Charged Particle
Kelvin Cross Sections

77-Ir-191



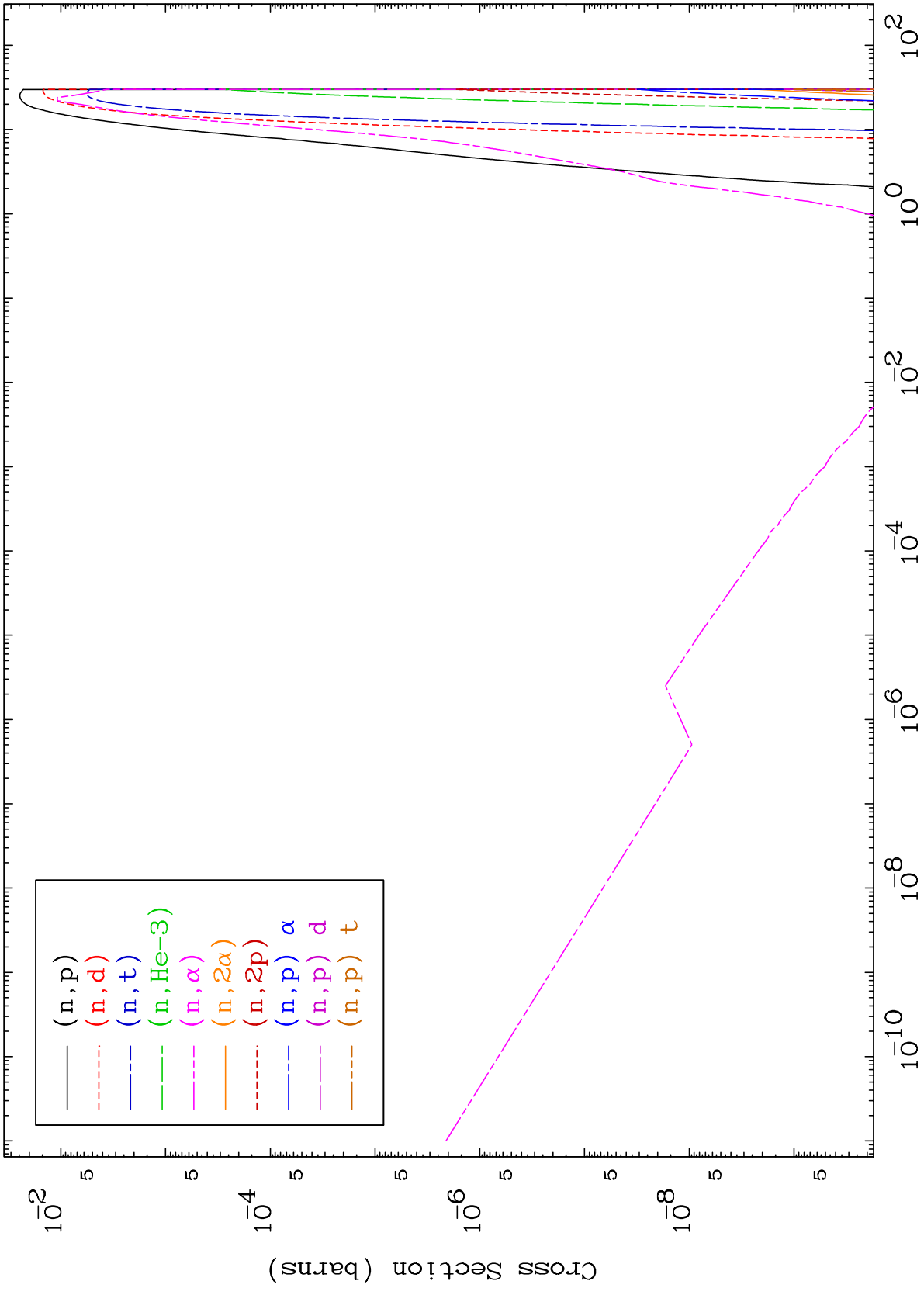
77-Ir-191

Incident Energy (MeV)

MAT 7725

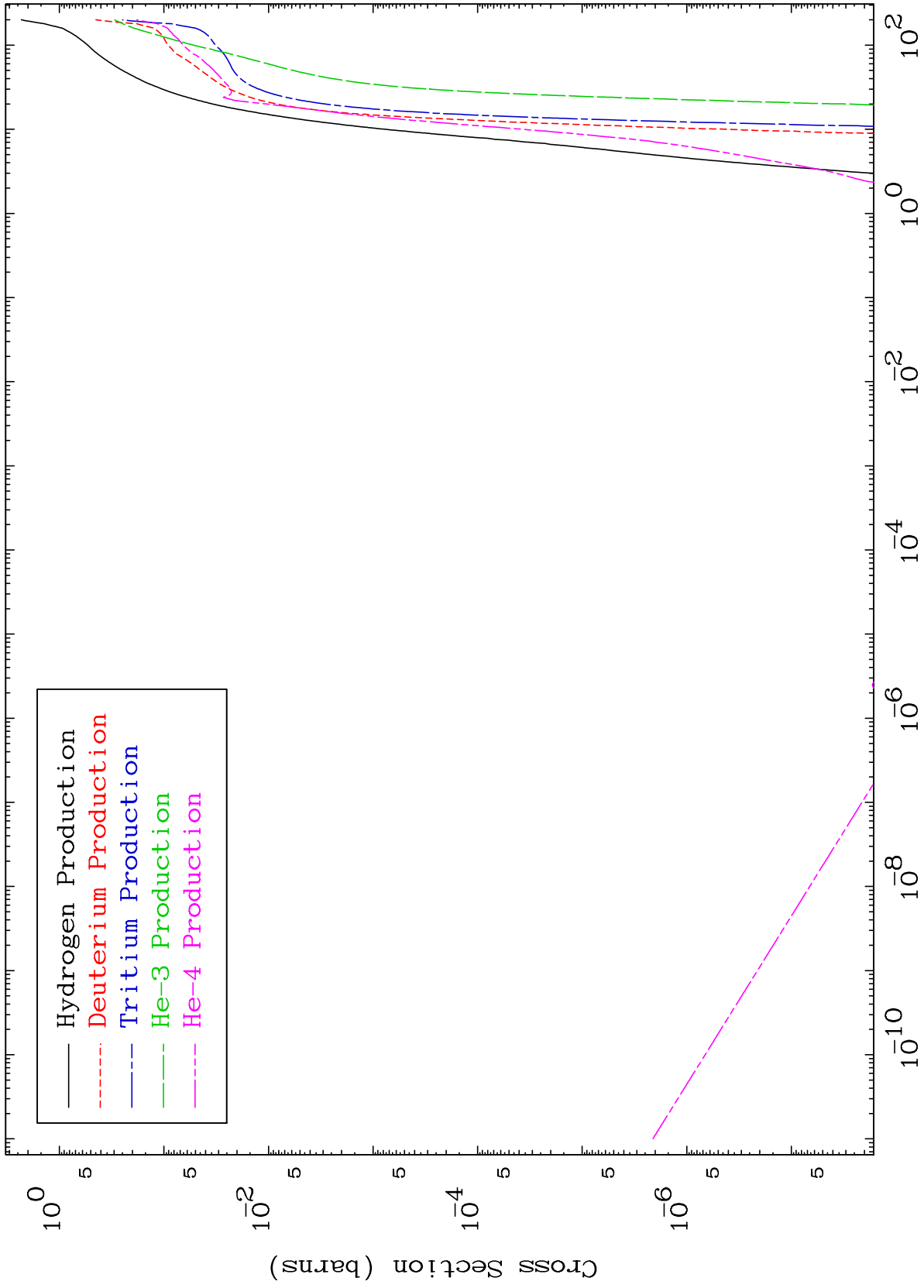
293 Kelvin Cross Sections

77-Ir-191



5

77-Ir-191

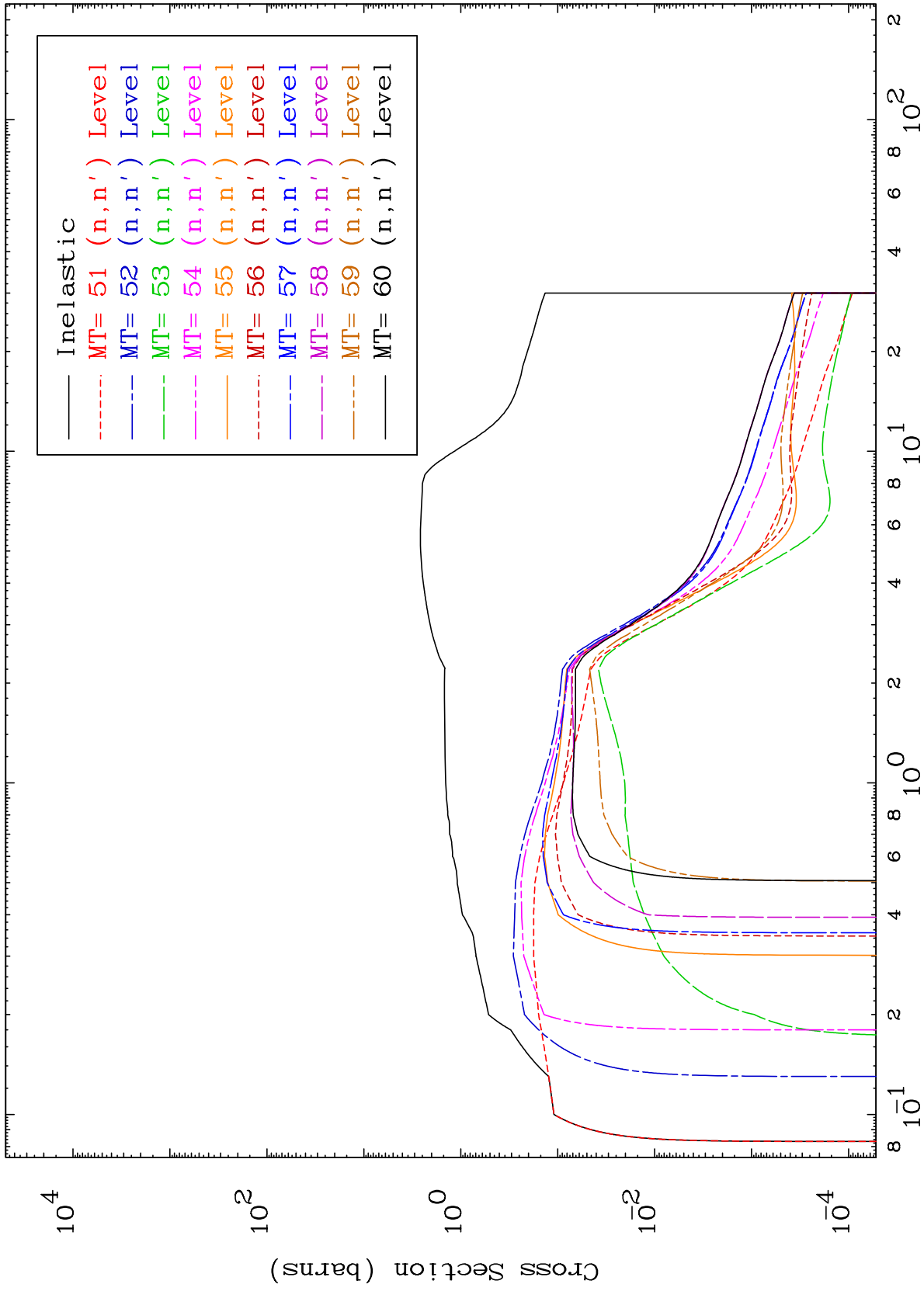


MAT 7725

(n,n') Level

293 Kelvin Cross Sections

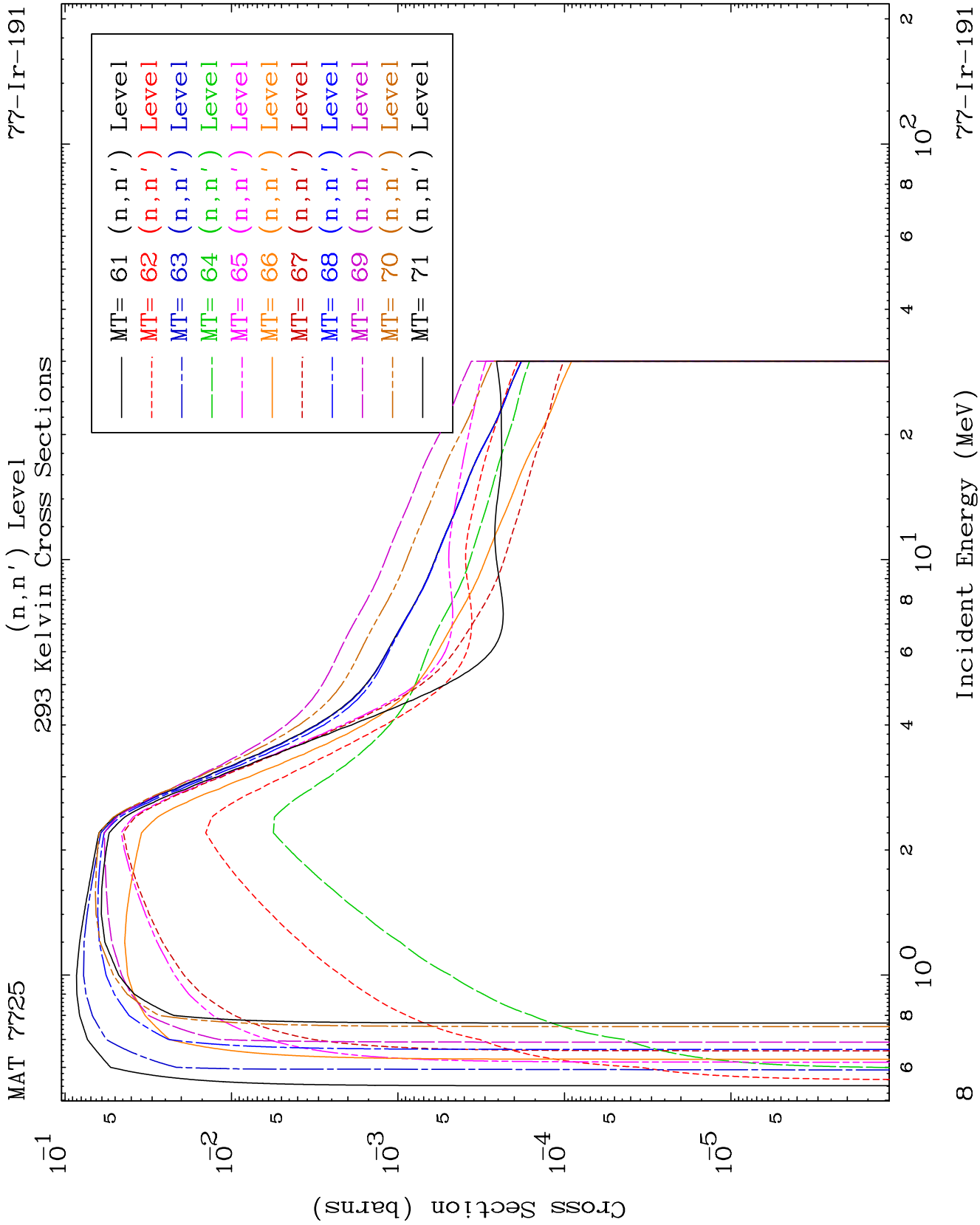
77-Ir-191



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Incident Energy (MeV)

77-Ir-191

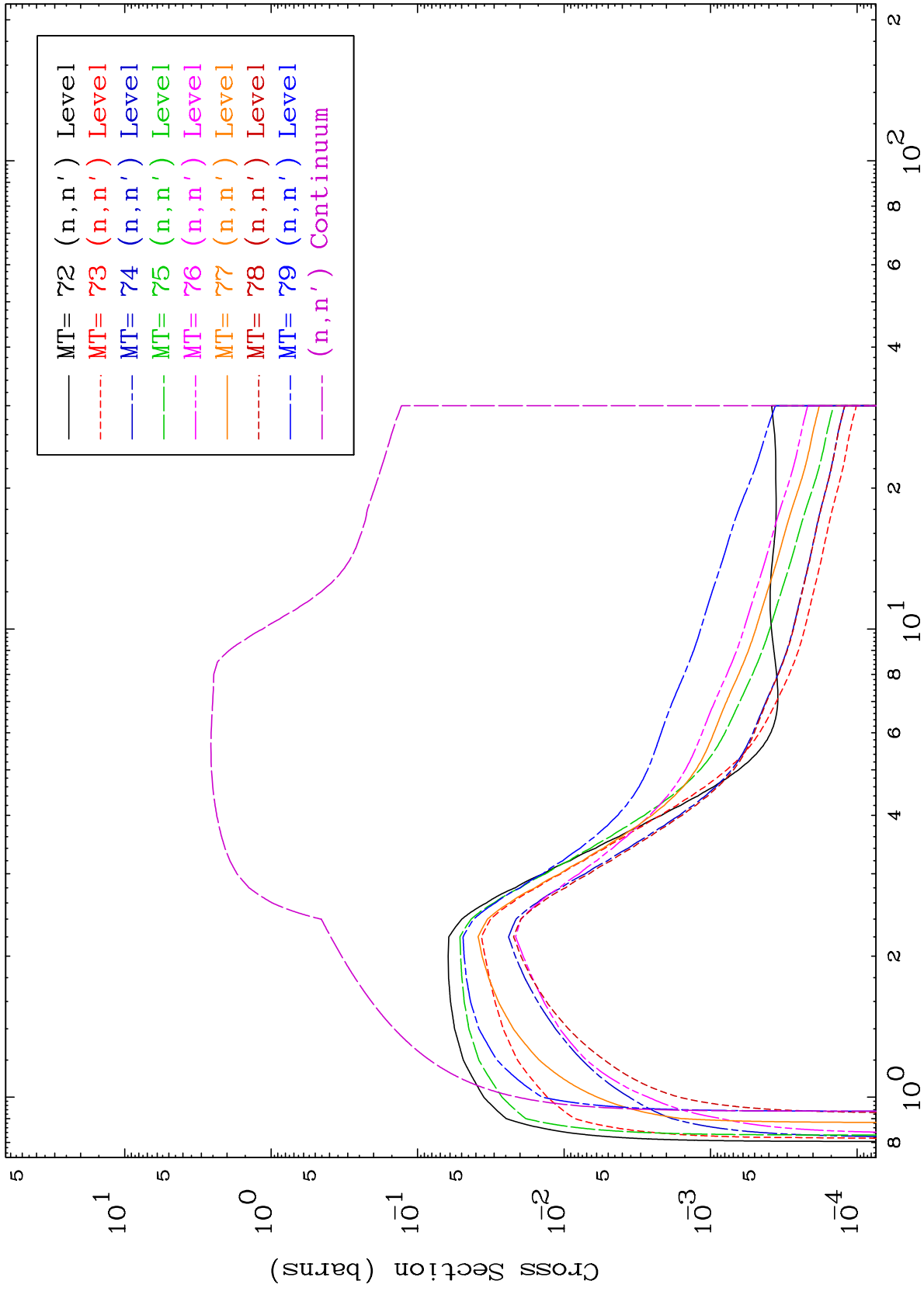


MAT 7725

(n,n') Level

77-Ir-191

293 Kelvin Cross Sections



9

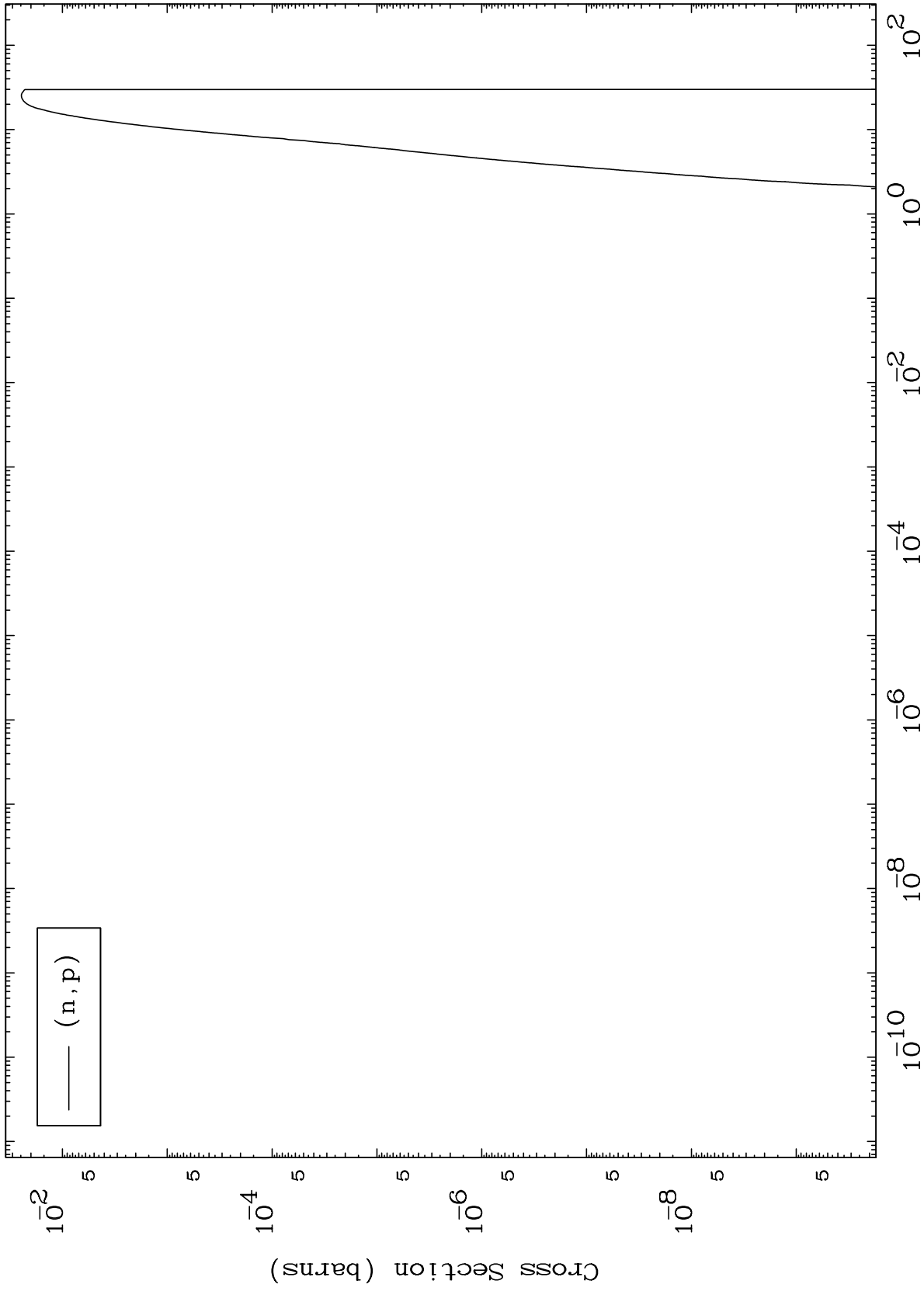
Incident Energy (MeV)

77-Ir-191

MAT 7725

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-191



10

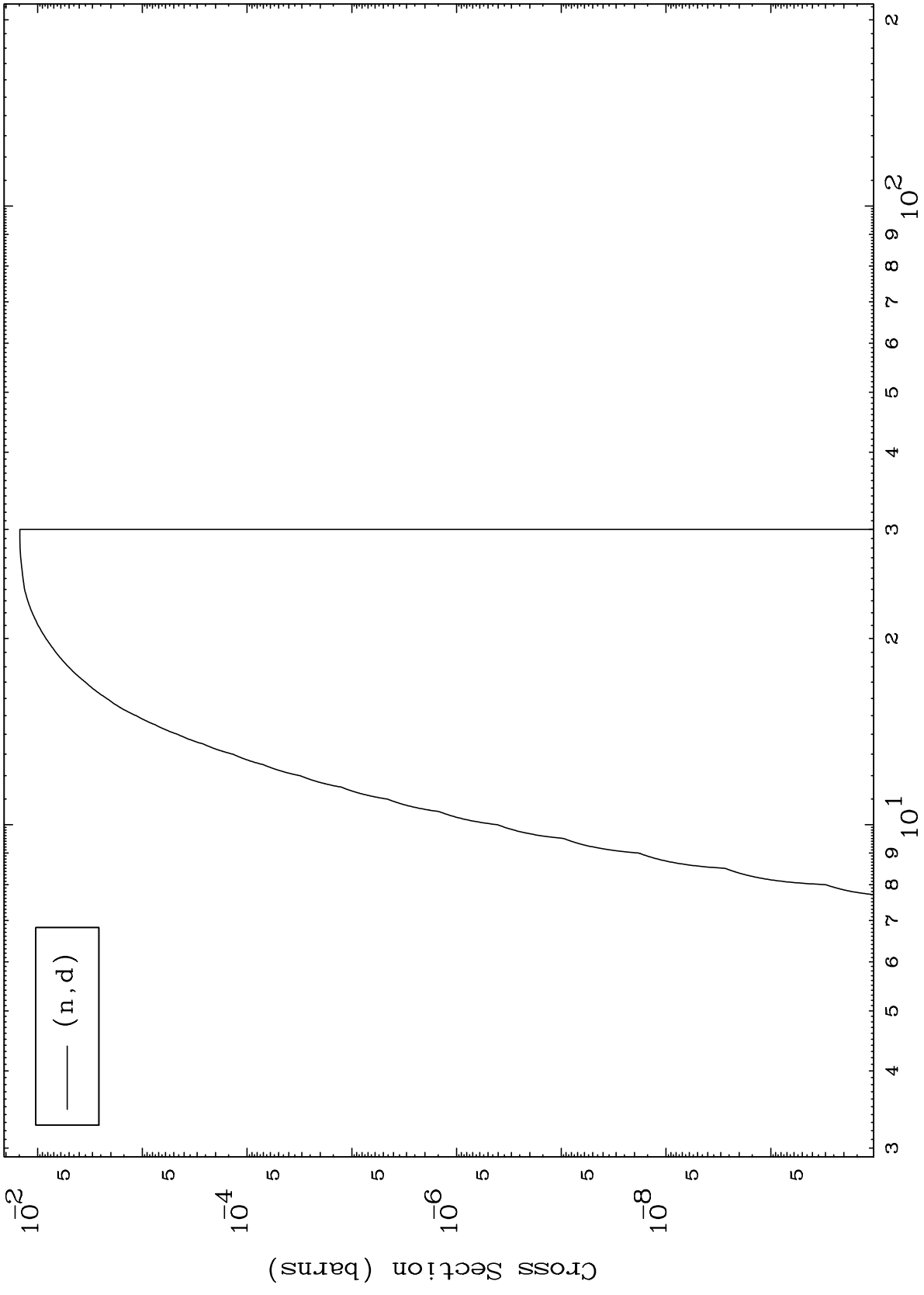
Incident Energy (MeV)

77-Ir-191

MAT 7725

(n,d) Levels
293 Kelvin Cross Sections

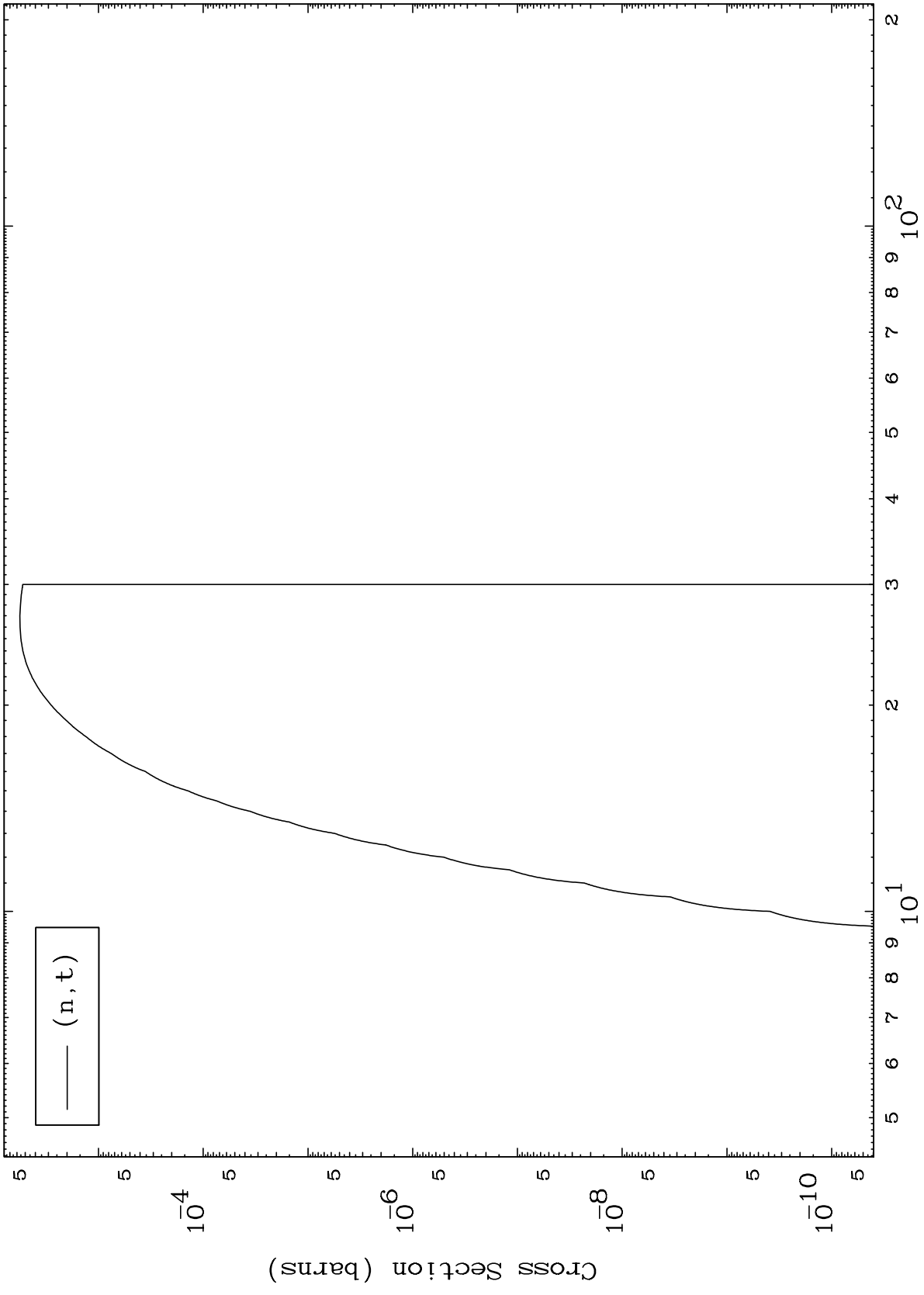
77-Ir-191



MAT 7725

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-191



12

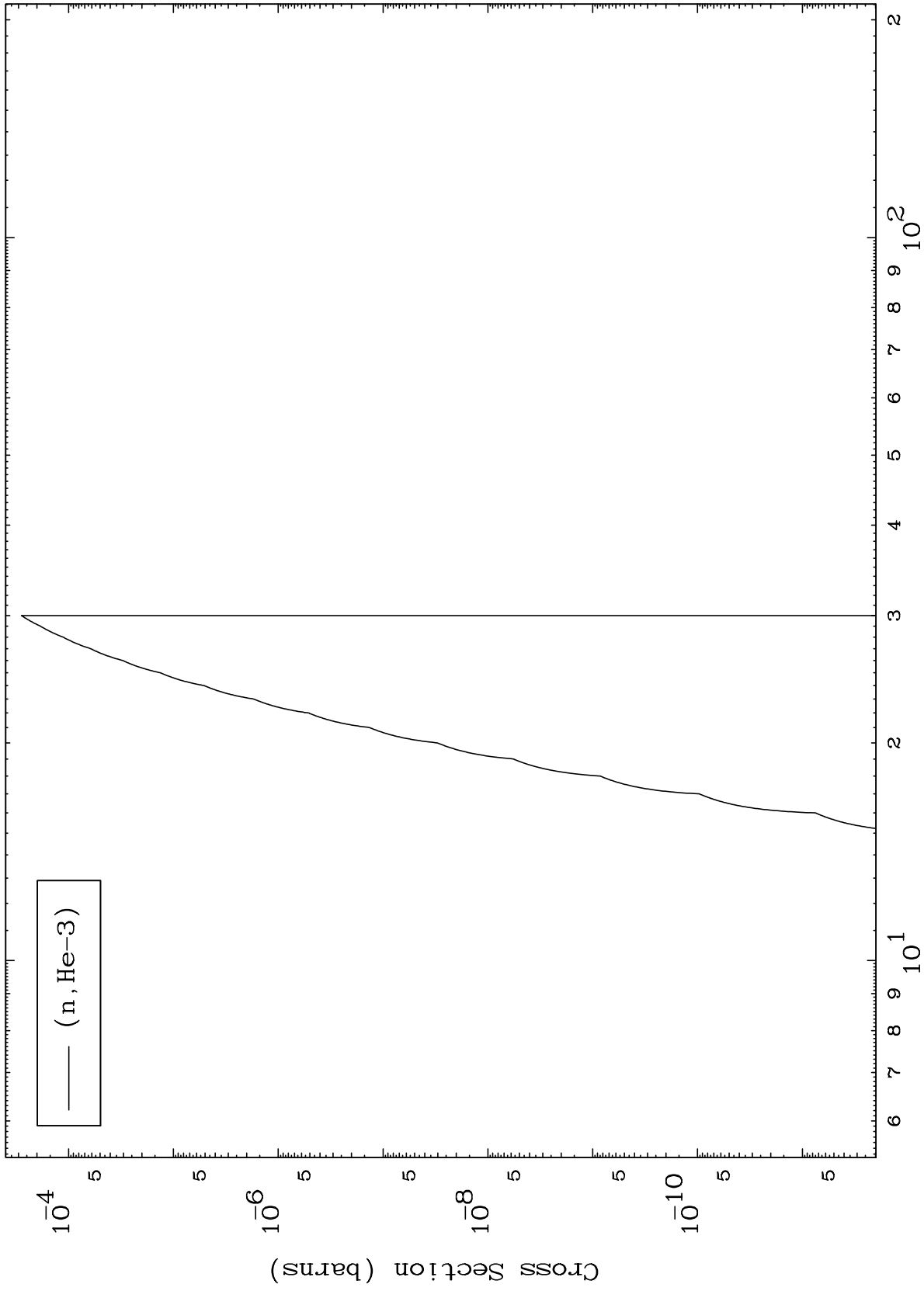
Incident Energy (MeV)

77-Ir-191

MAT 7725

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-191



13

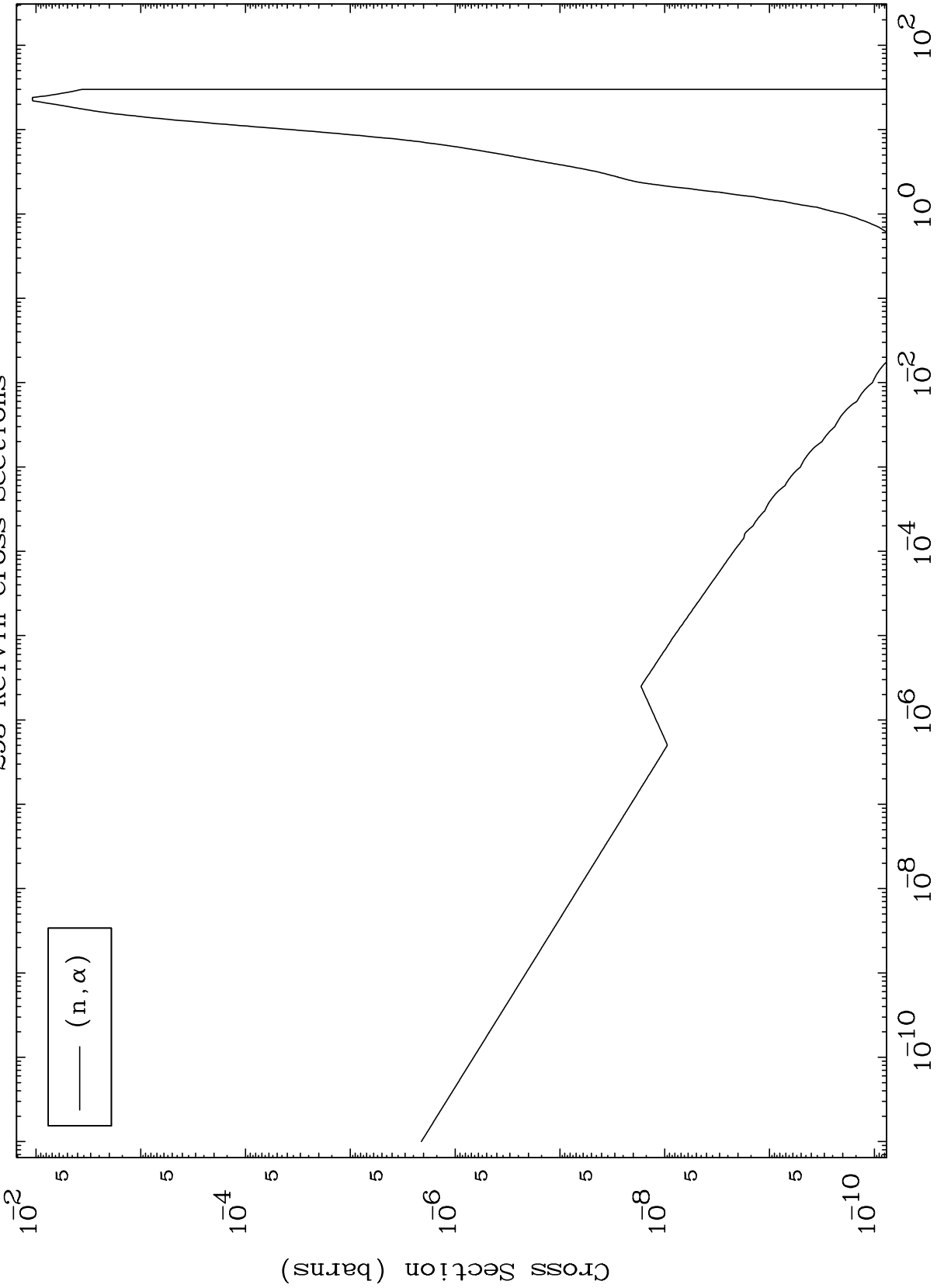
Incident Energy (MeV)

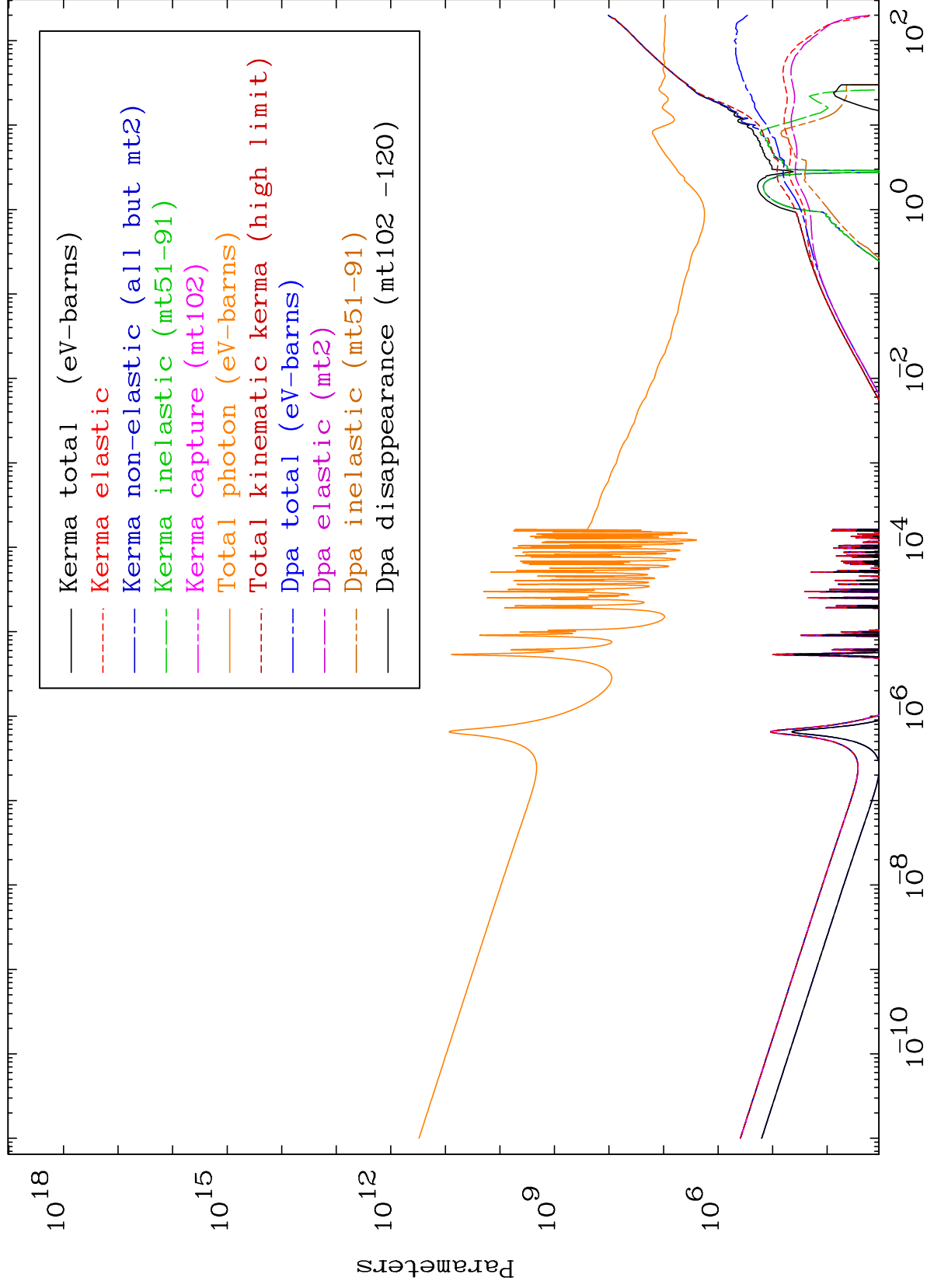
77-Ir-191

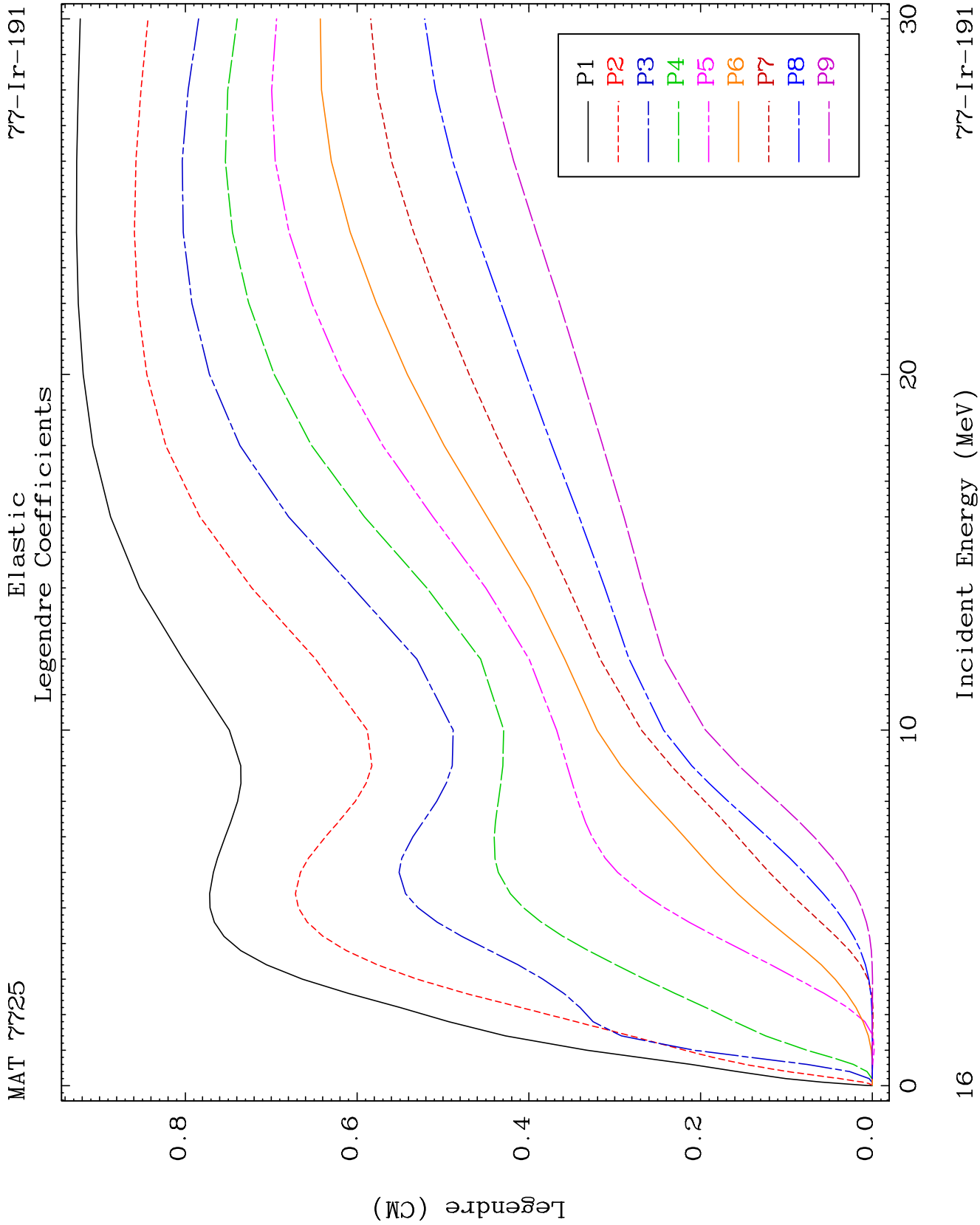
MAT 7725

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-191



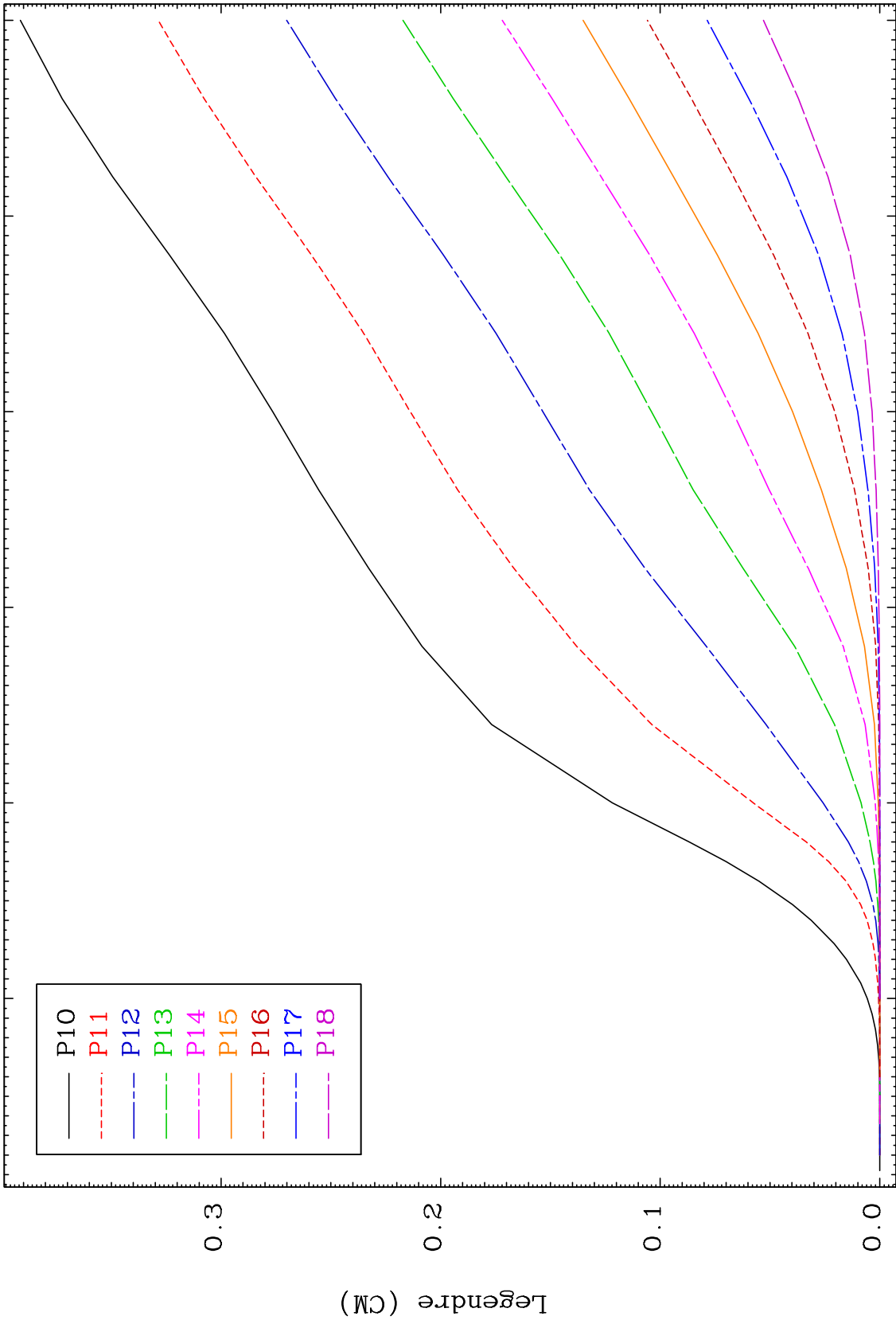




MAT 7725

Elastic Legendre Coefficients

77-Ir-191



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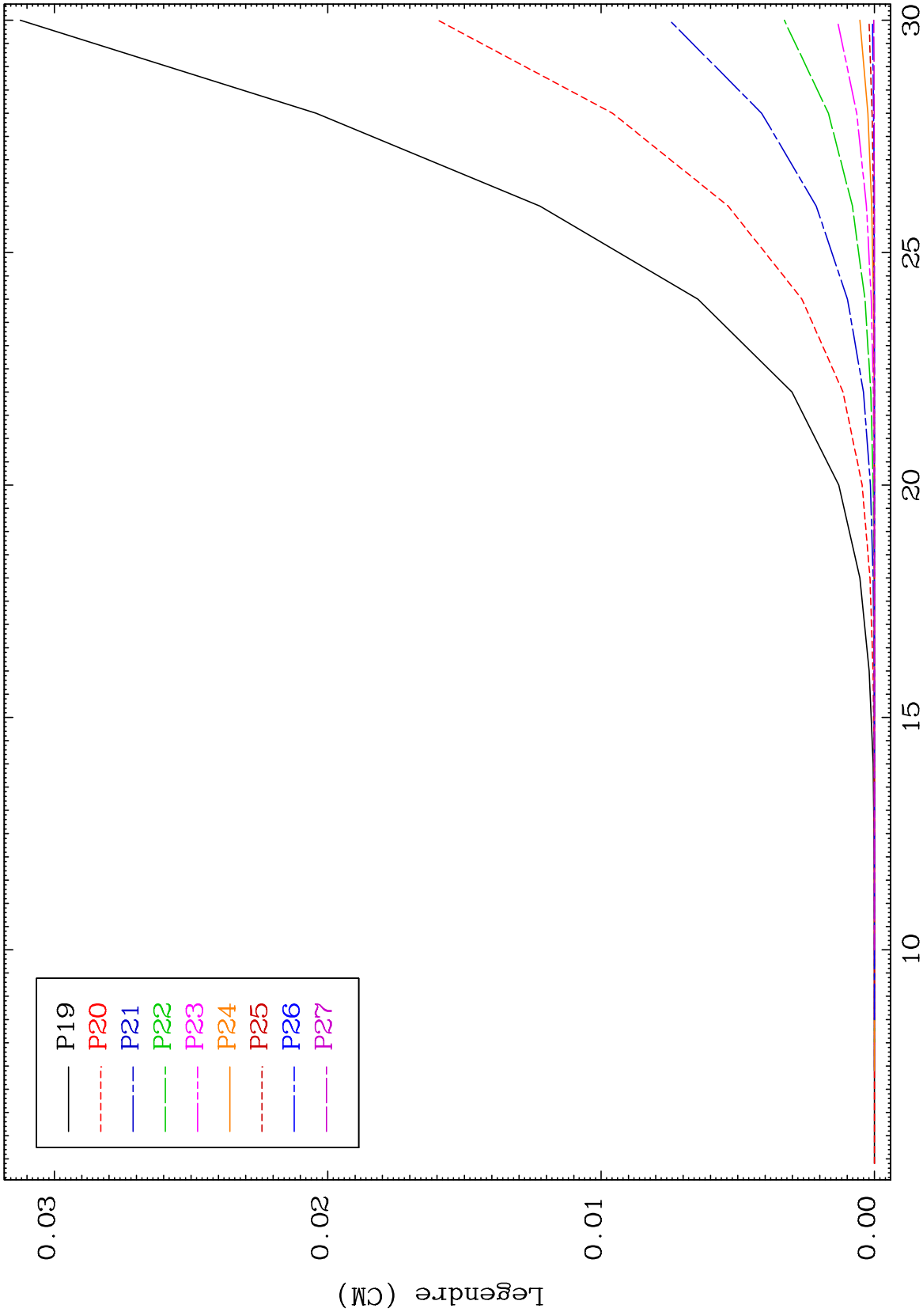
Incident Energy (MeV)

77-Ir-191

MAT 7725

Elastic Legendre Coefficients

77-Ir-191



18

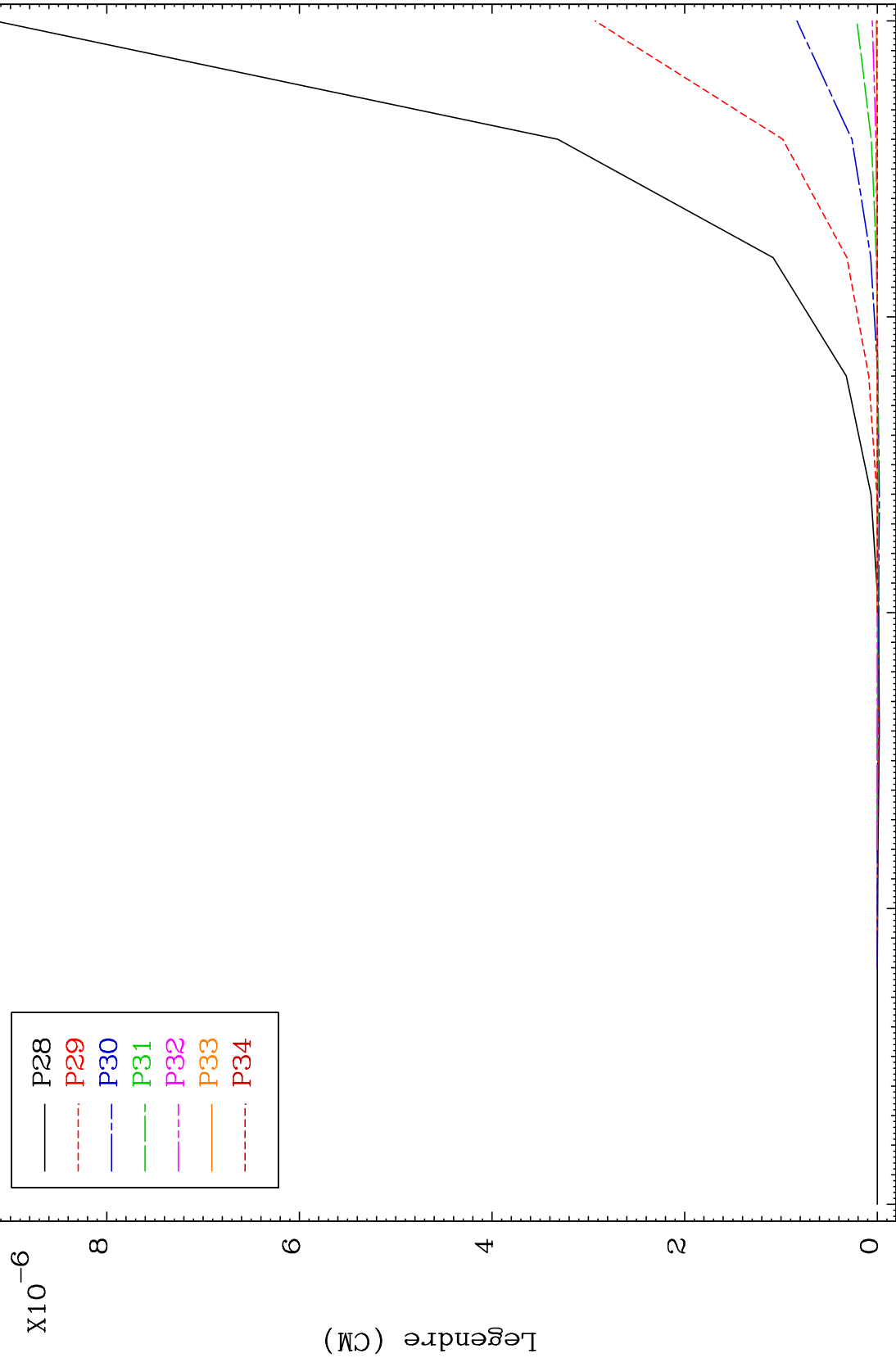
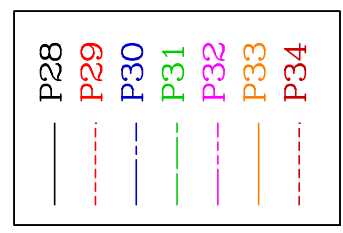
Incident Energy (MeV)

77-Ir-191

MAT 7725

Elastic Legendre Coefficients

77-Ir-191



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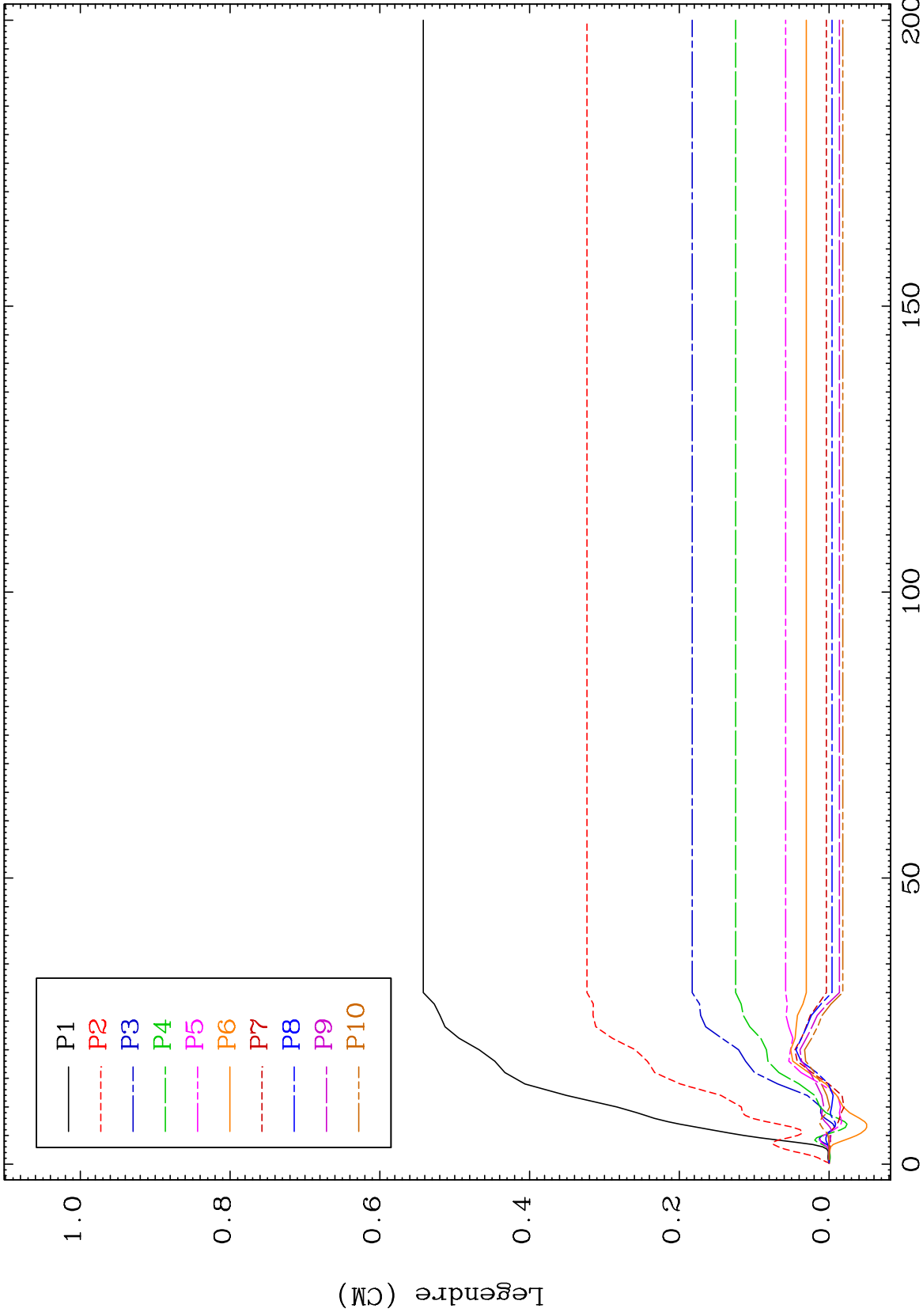
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



77-Ir-191

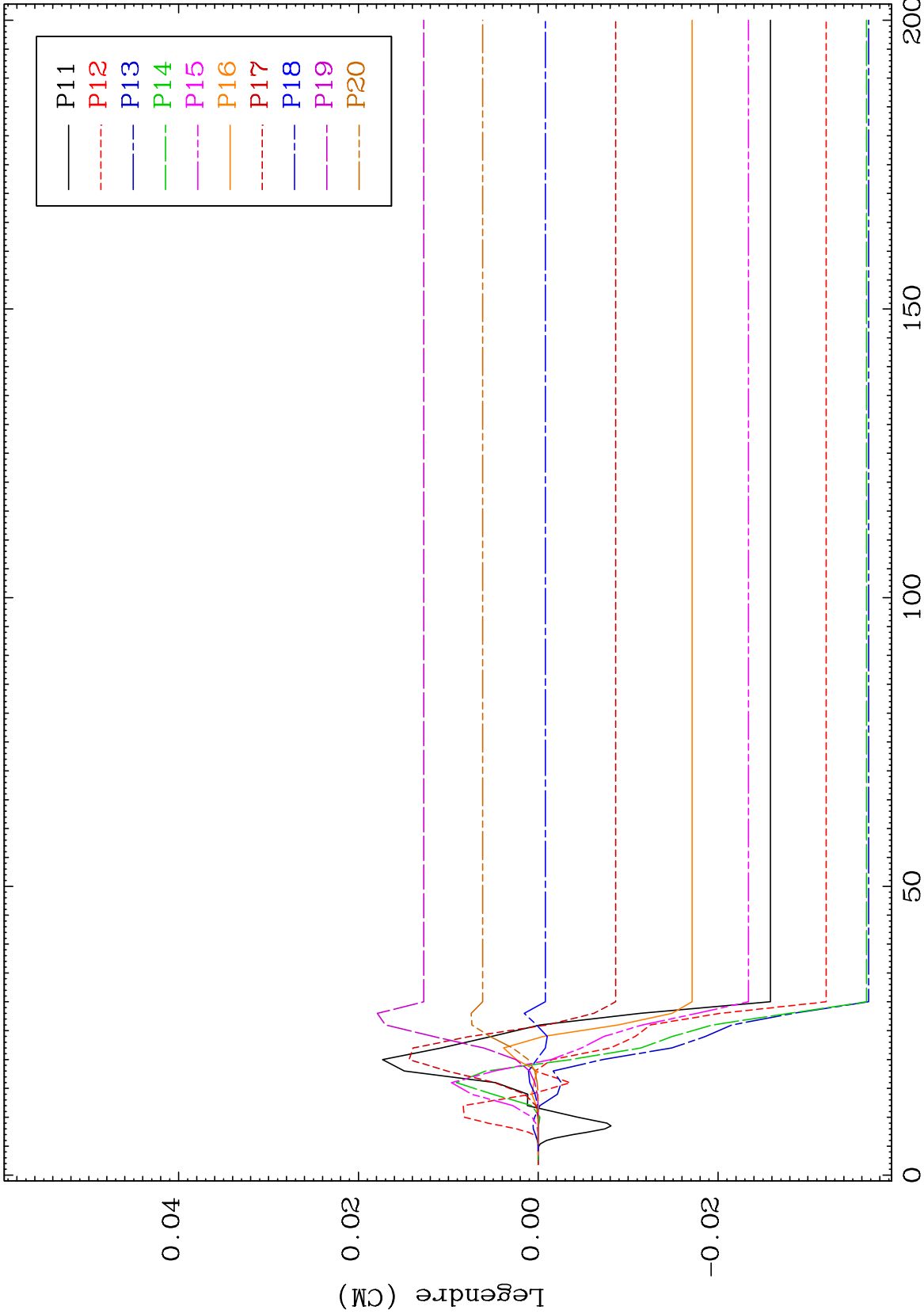
Incident Energy (MeV)

20

MAT 7725

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

77-Ir-191



21

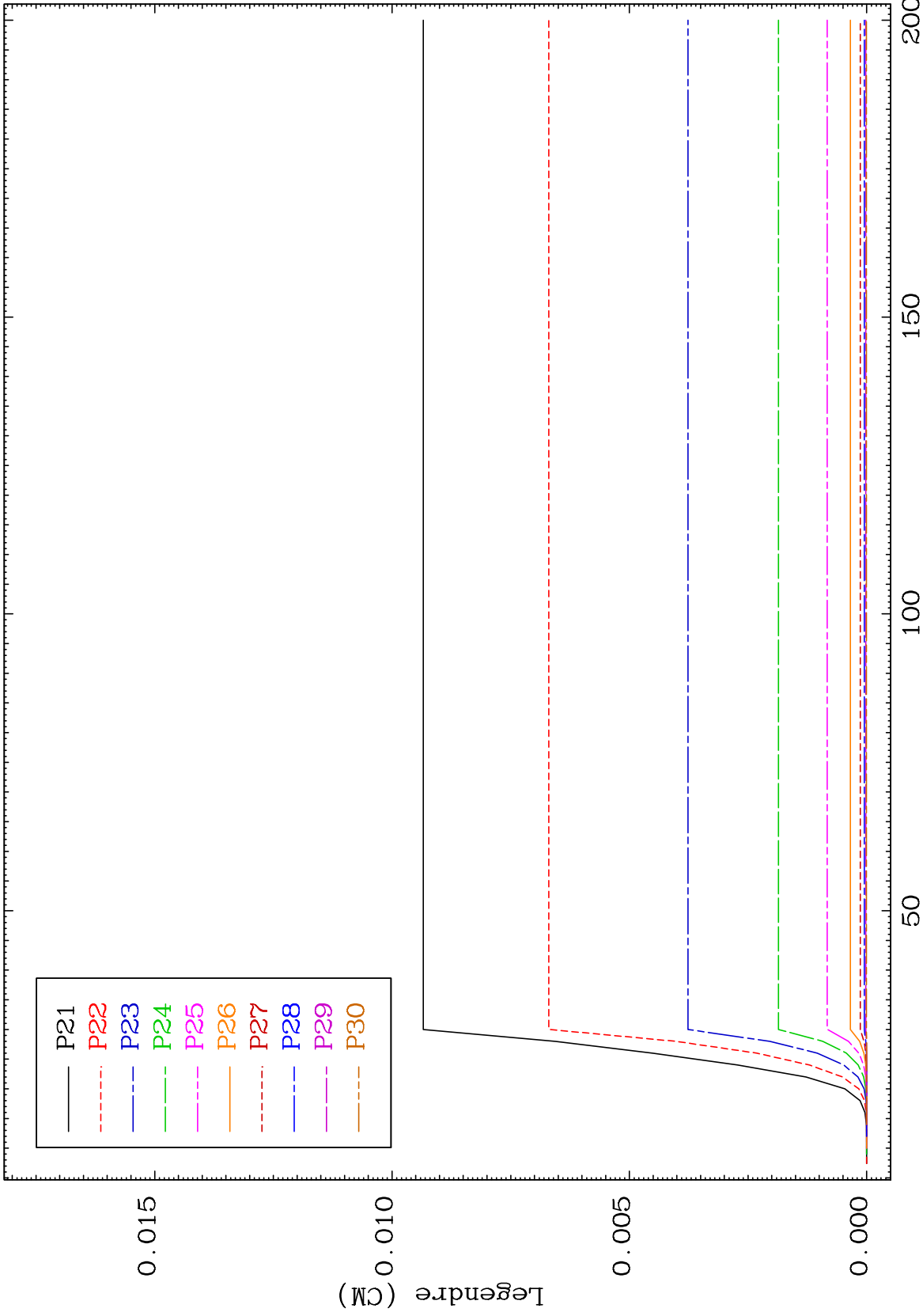
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



22

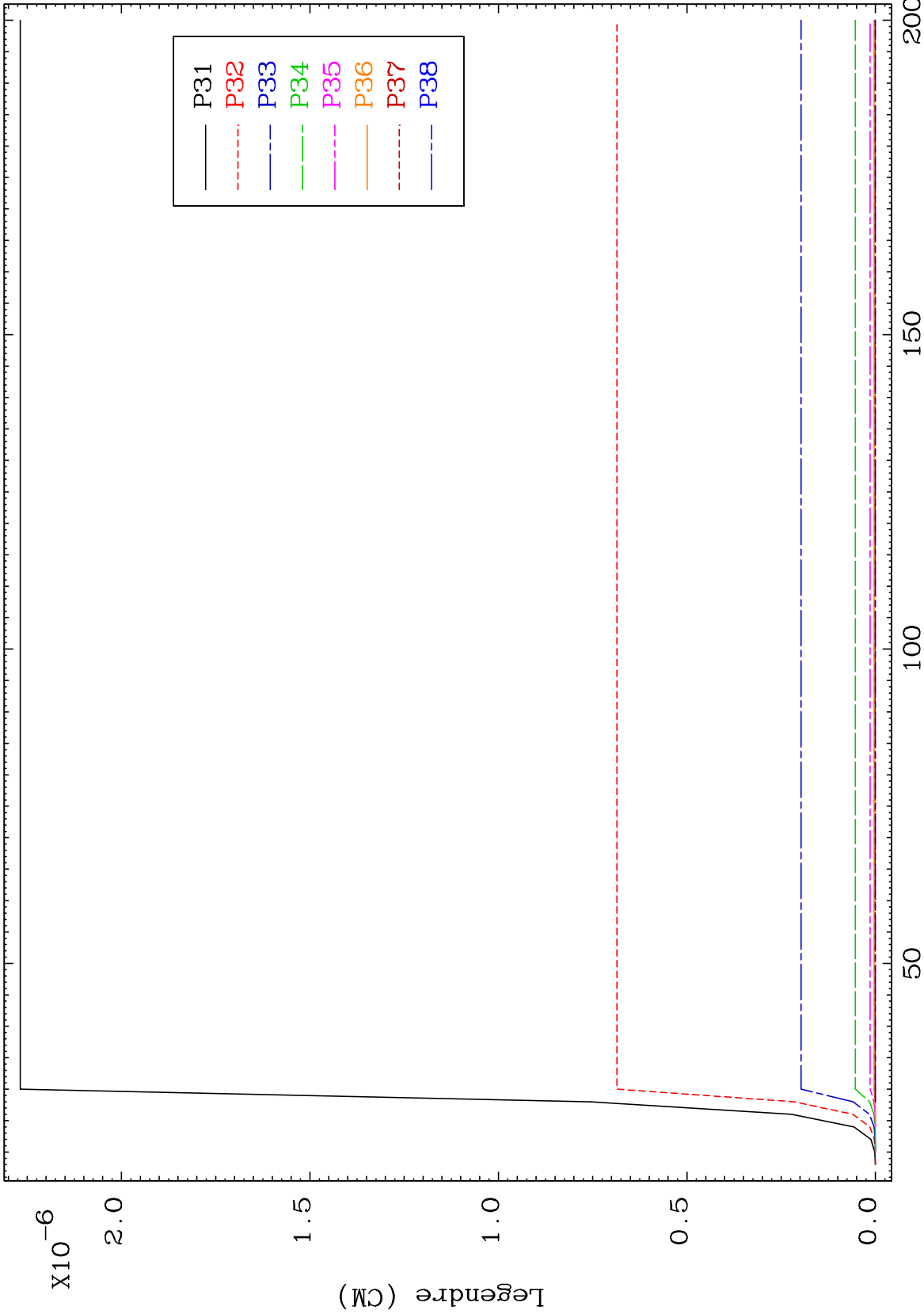
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



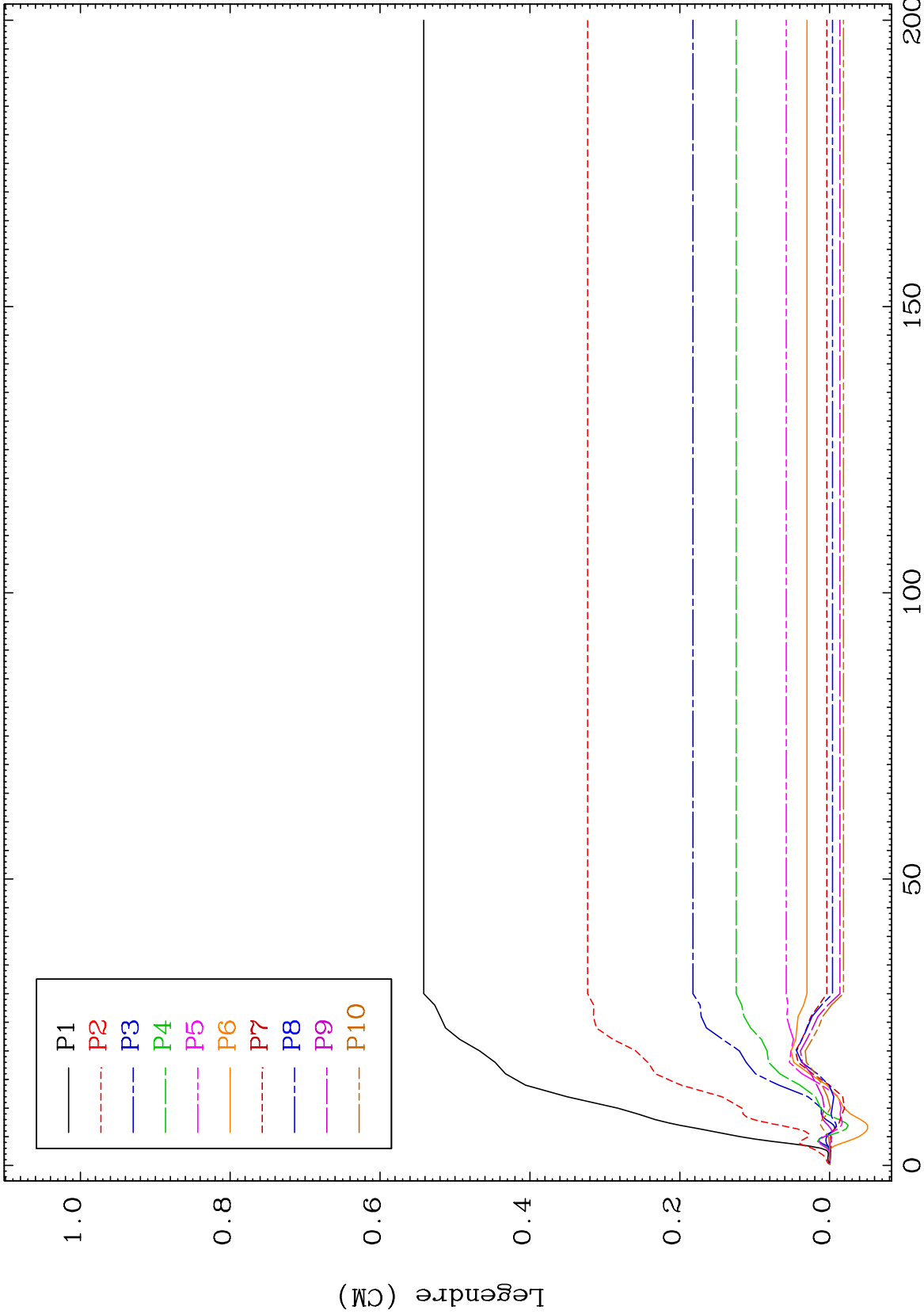
23

77-Ir-191

MAT 7725

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

77-Ir-191



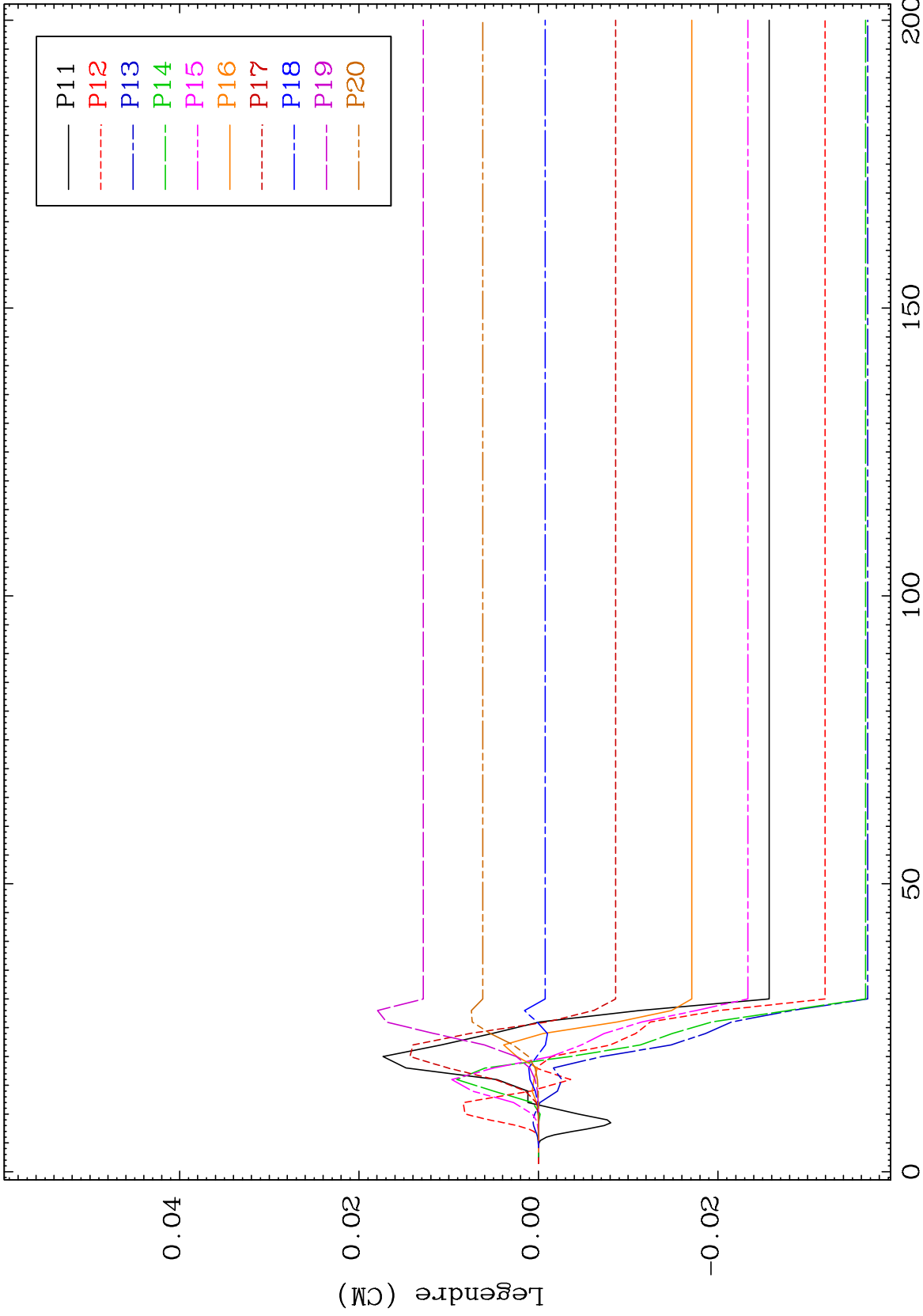
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77-Ir-191

MAT 7725

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

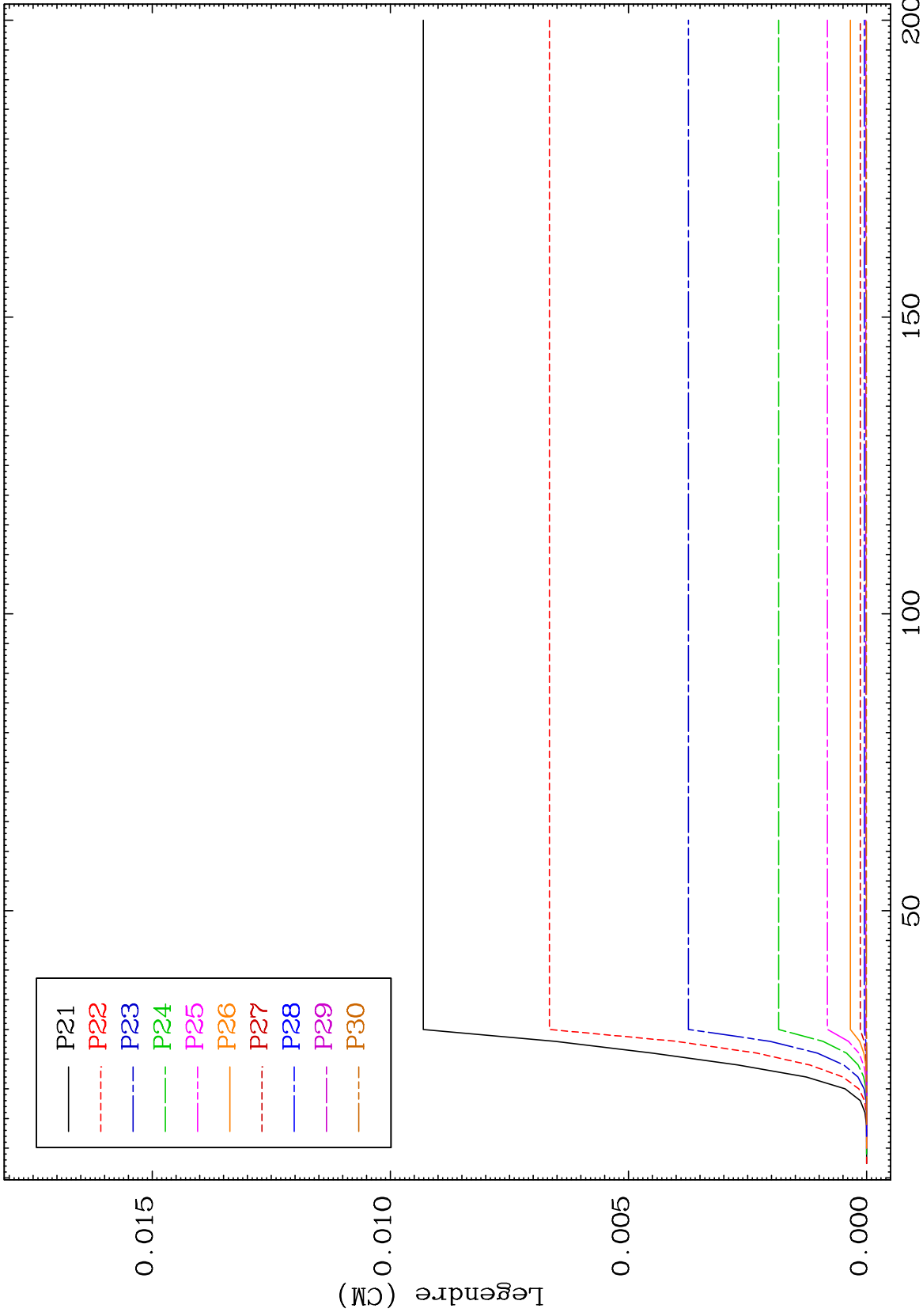
77-Ir-191



25

Incident Energy (MeV)

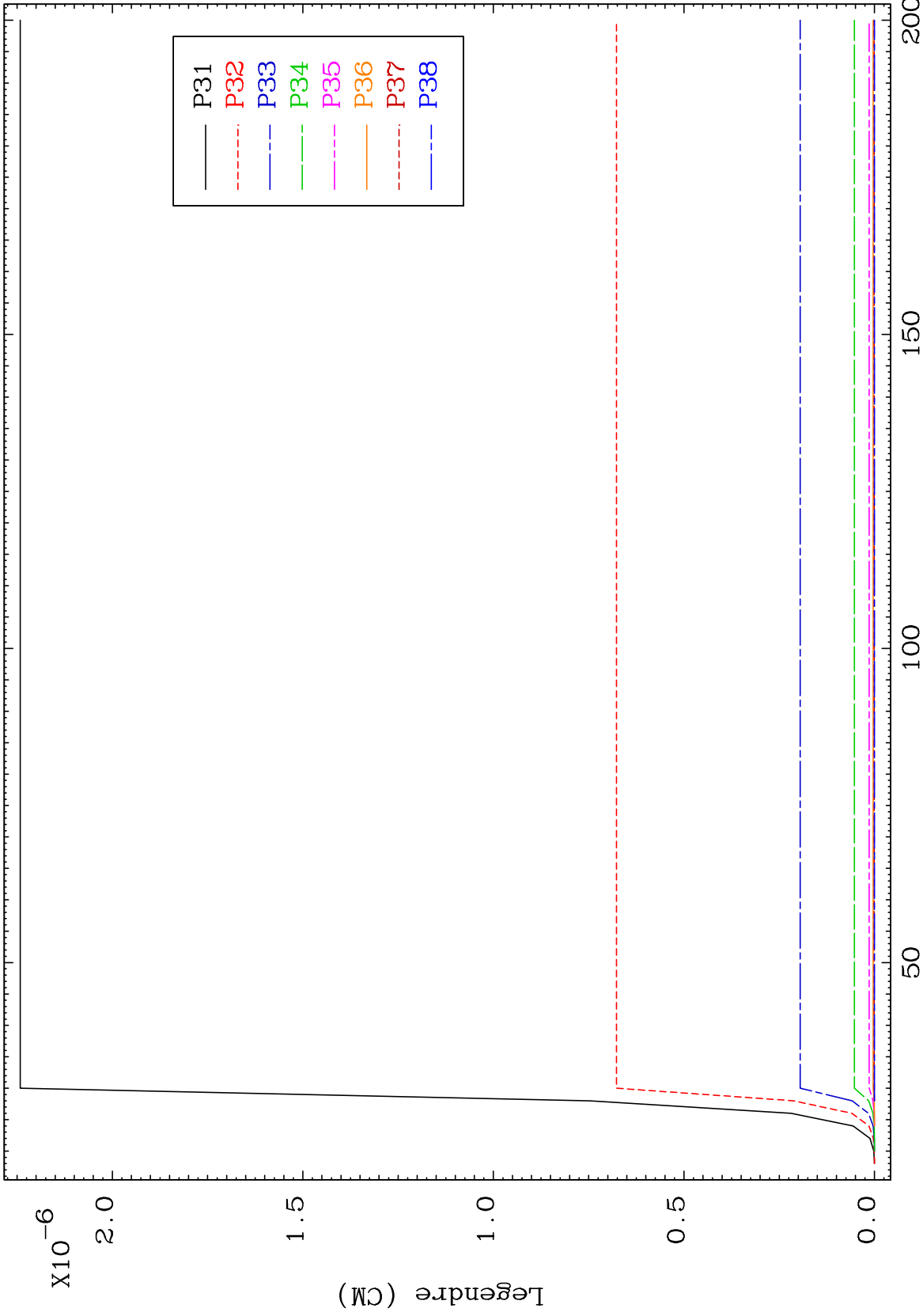
77-Ir-191



MAT 7725

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

77-Ir-191



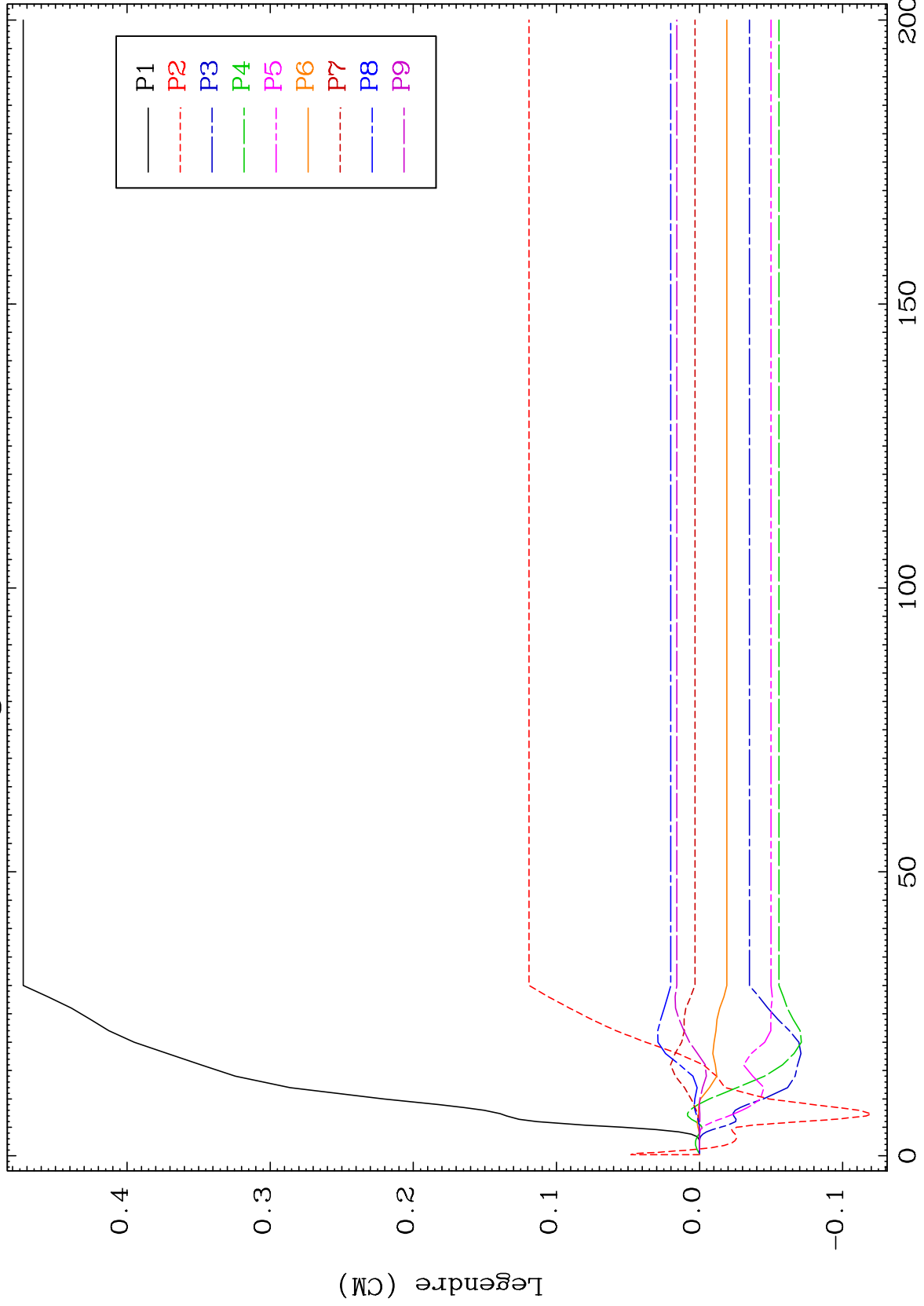
27

77-Ir-191

MAT 7725

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

77-Ir-191



28

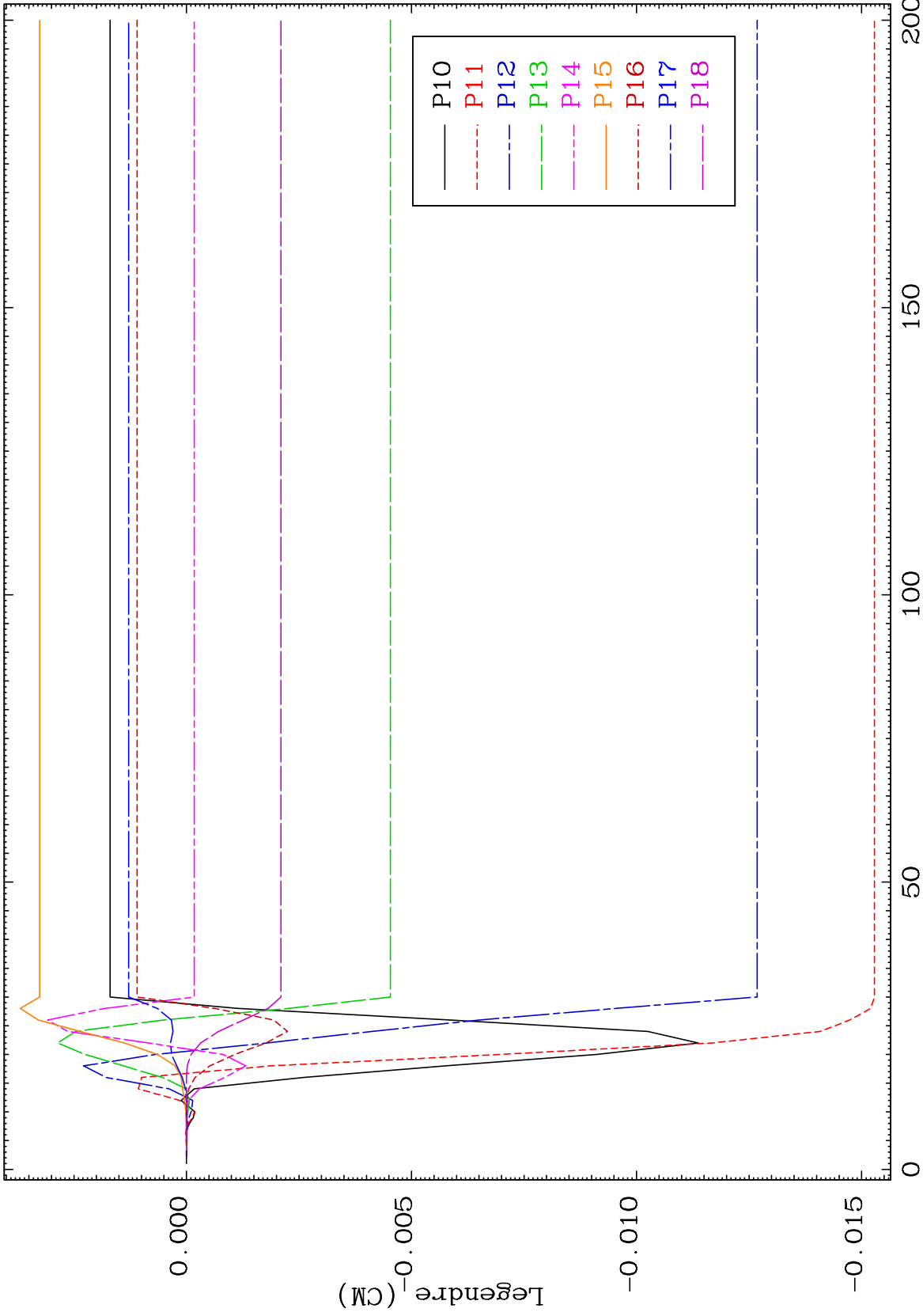
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



29

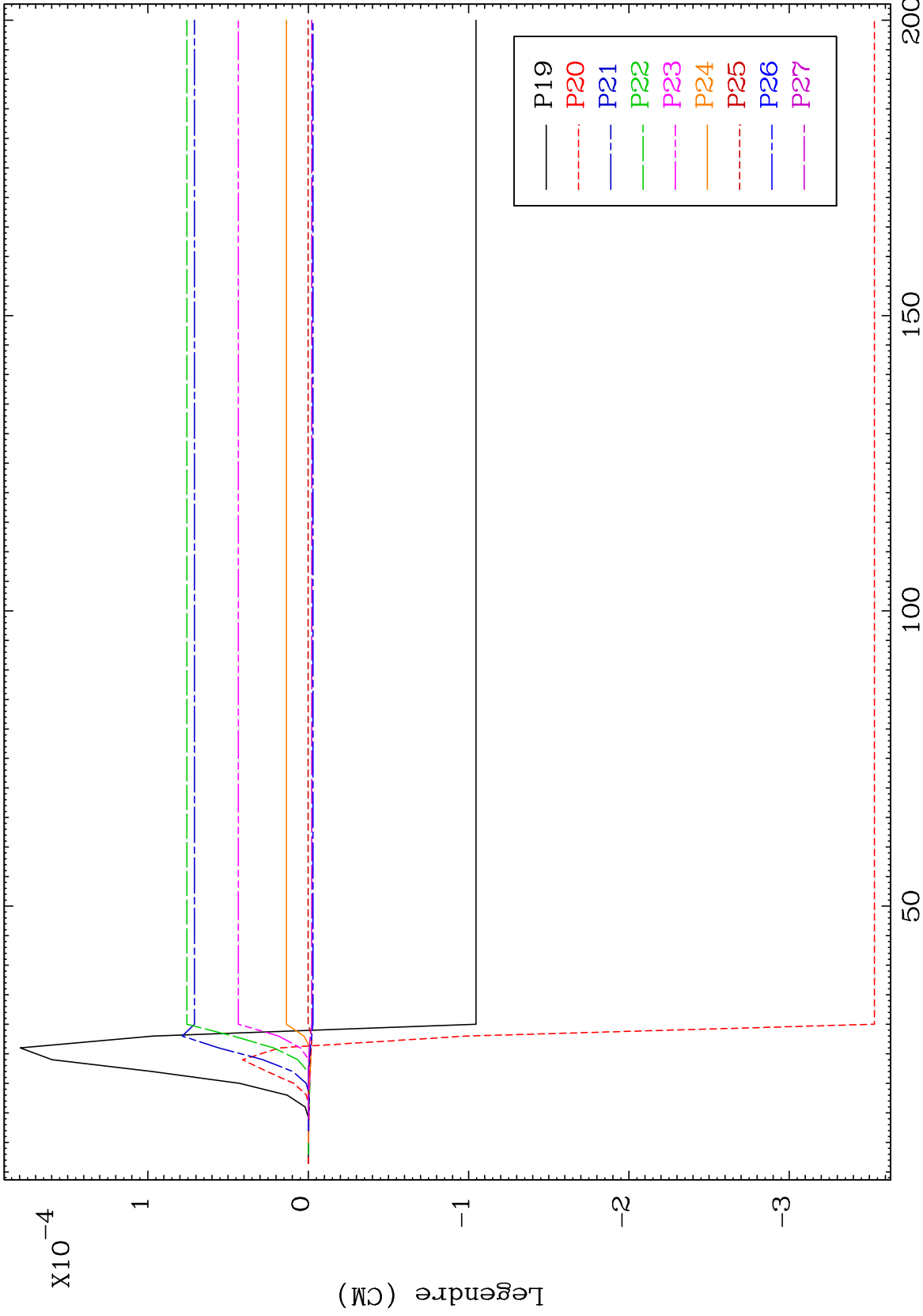
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191

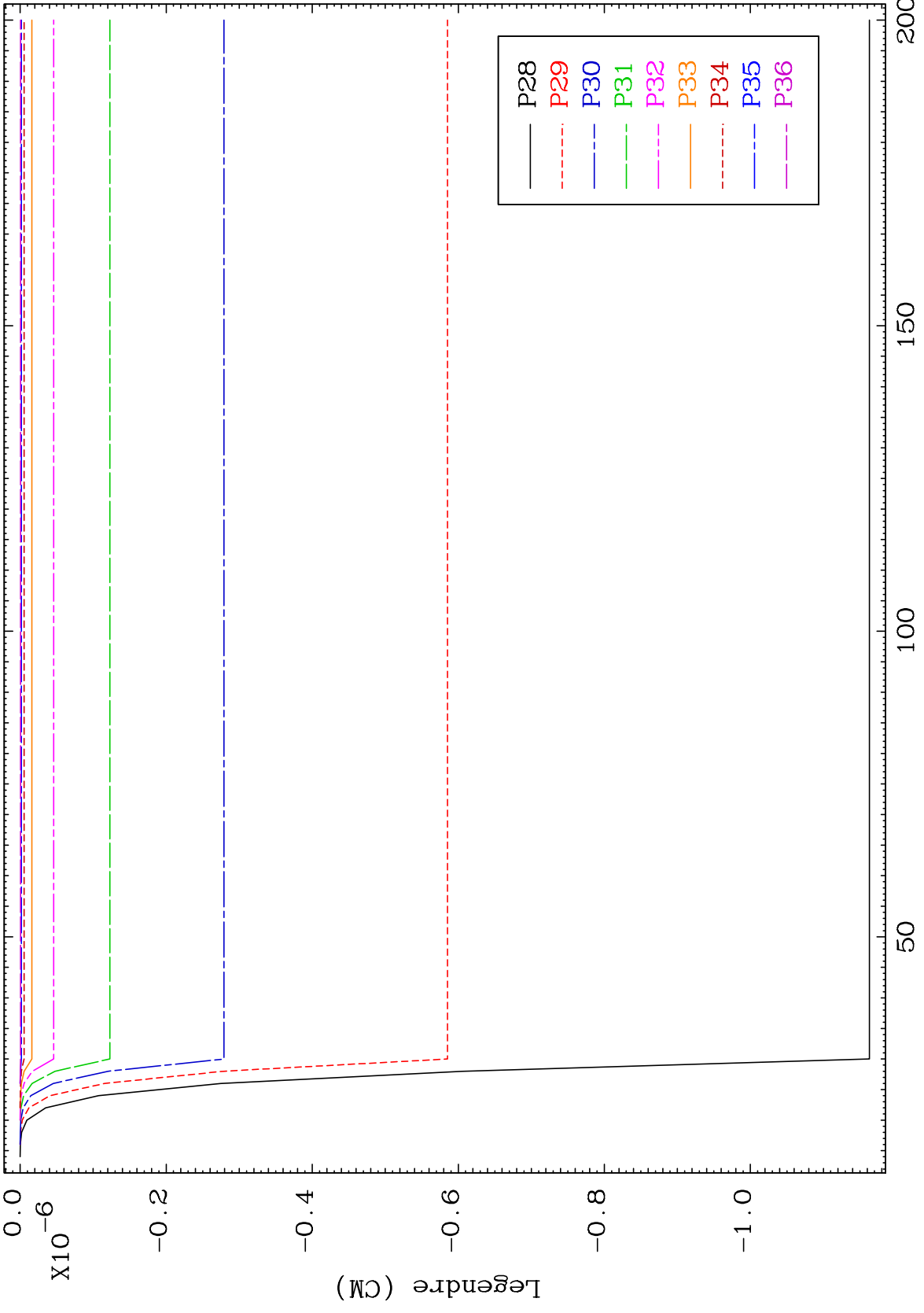


30

Incident Energy (MeV)

77-Ir-191

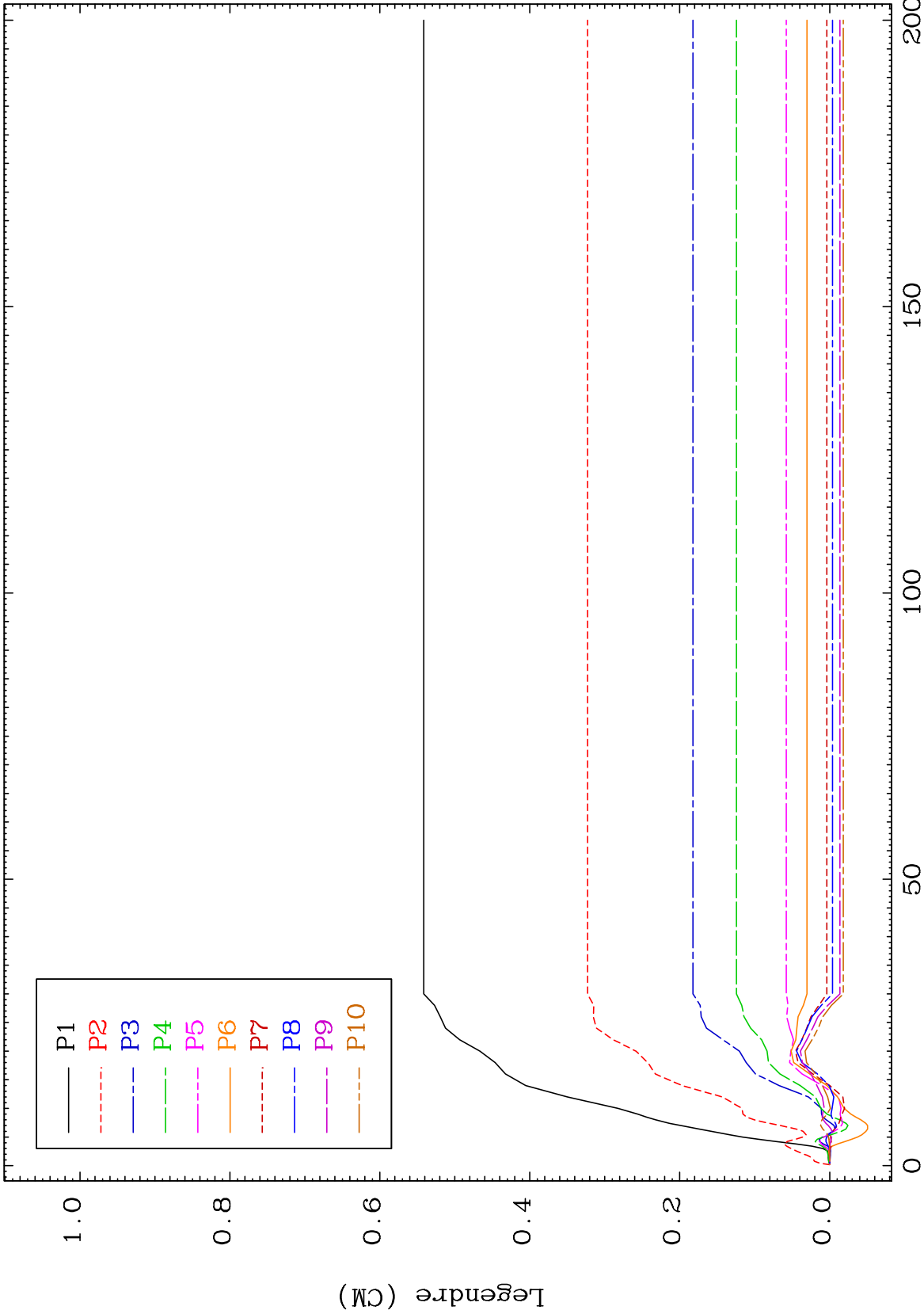
MAT 7725 MT= 53 (n,n') Level Legendre Coefficients 77-Ir-191



MAT 7725

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

77-Ir-191



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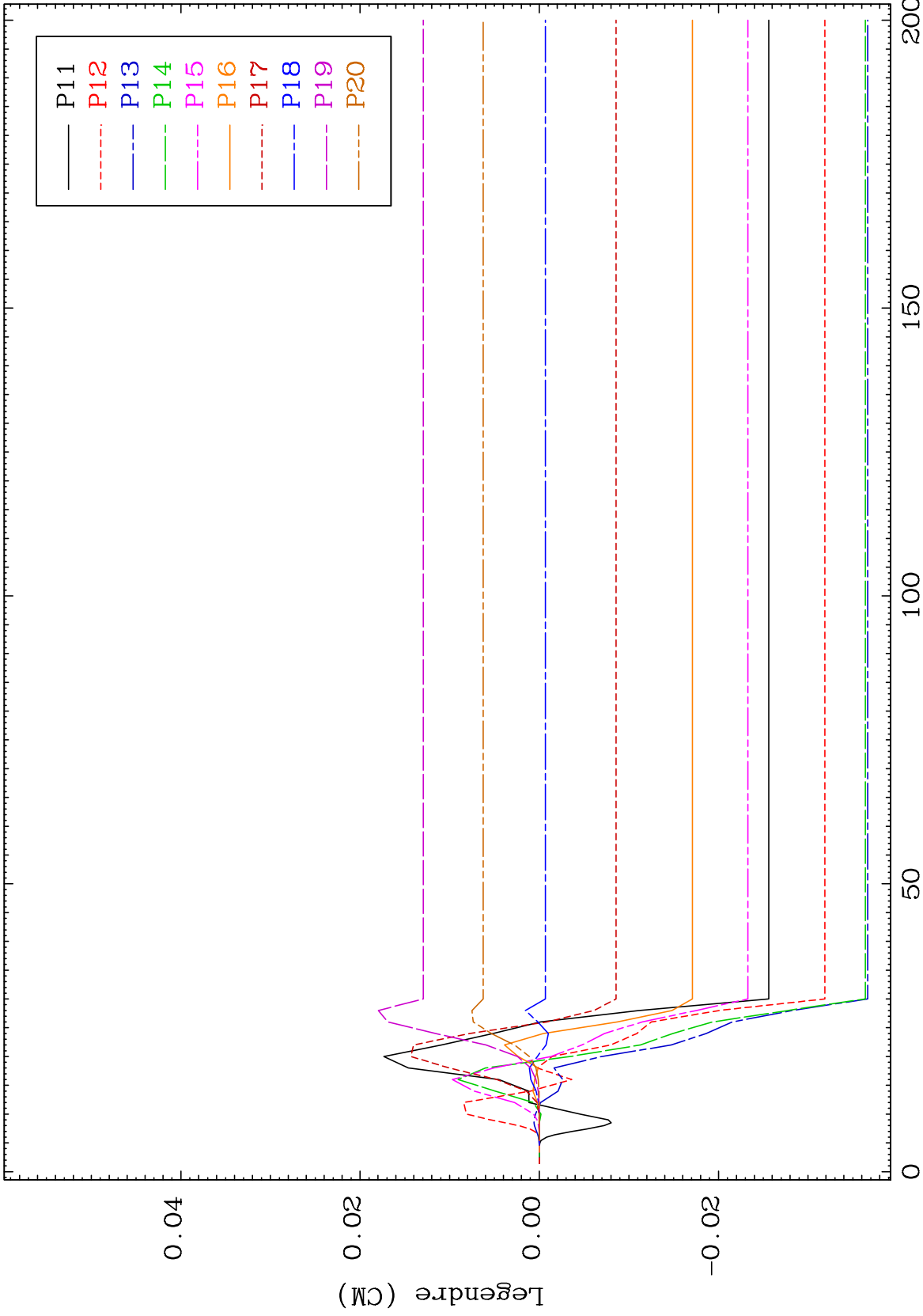
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

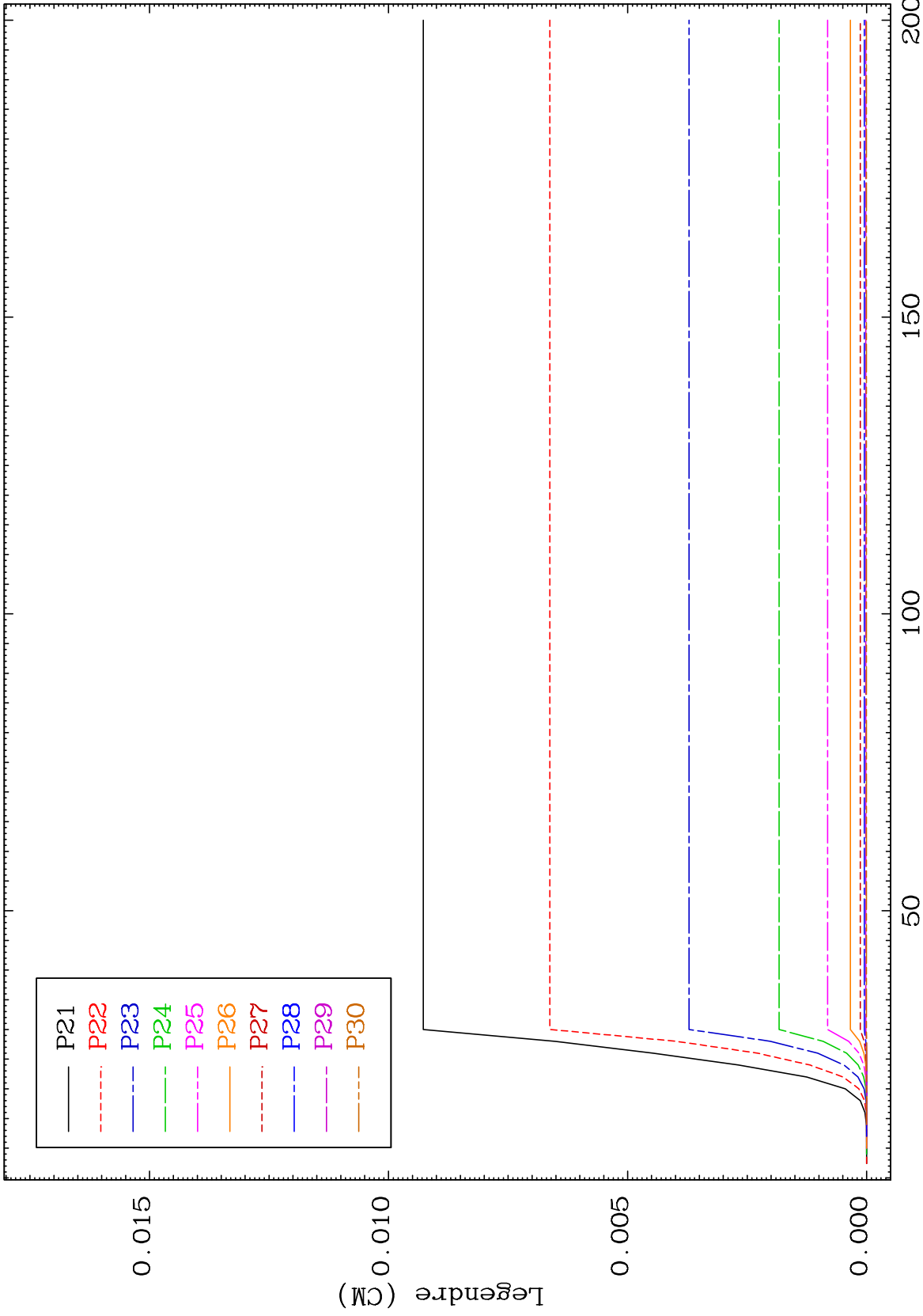
77-Ir-191



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Incident Energy (MeV)

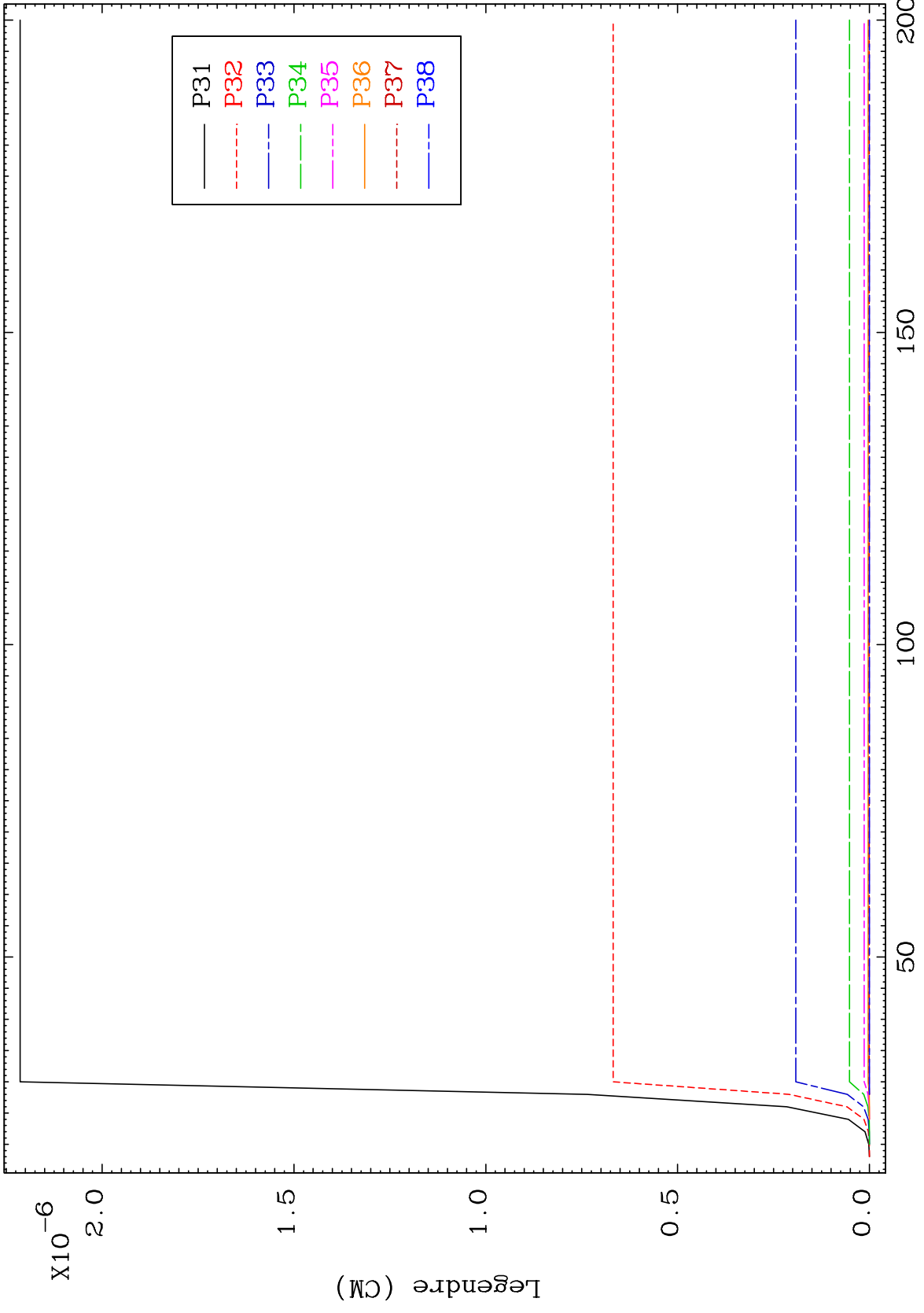
77-Ir-191



MAT 7725

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

77-Ir-191



35

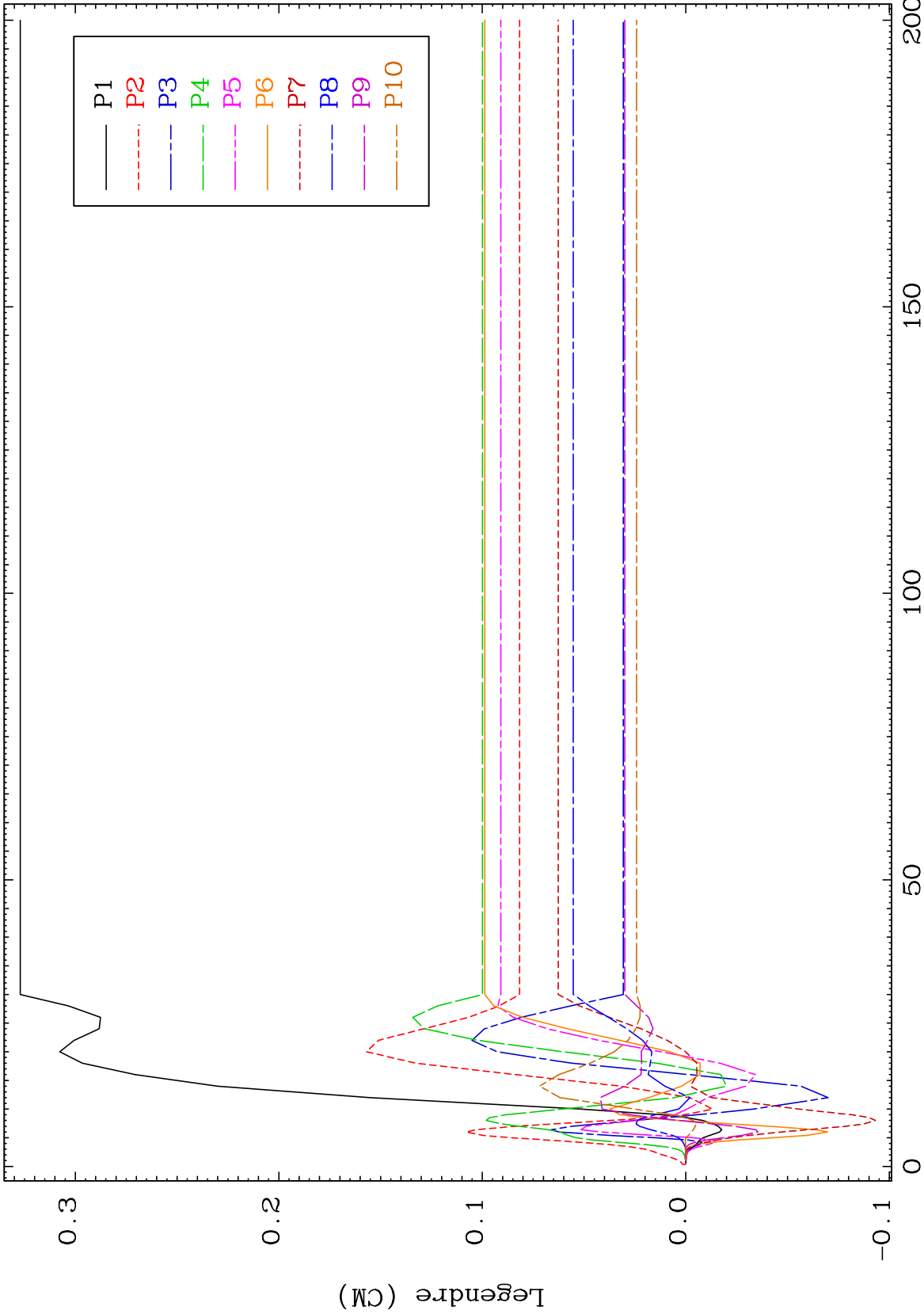
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



36

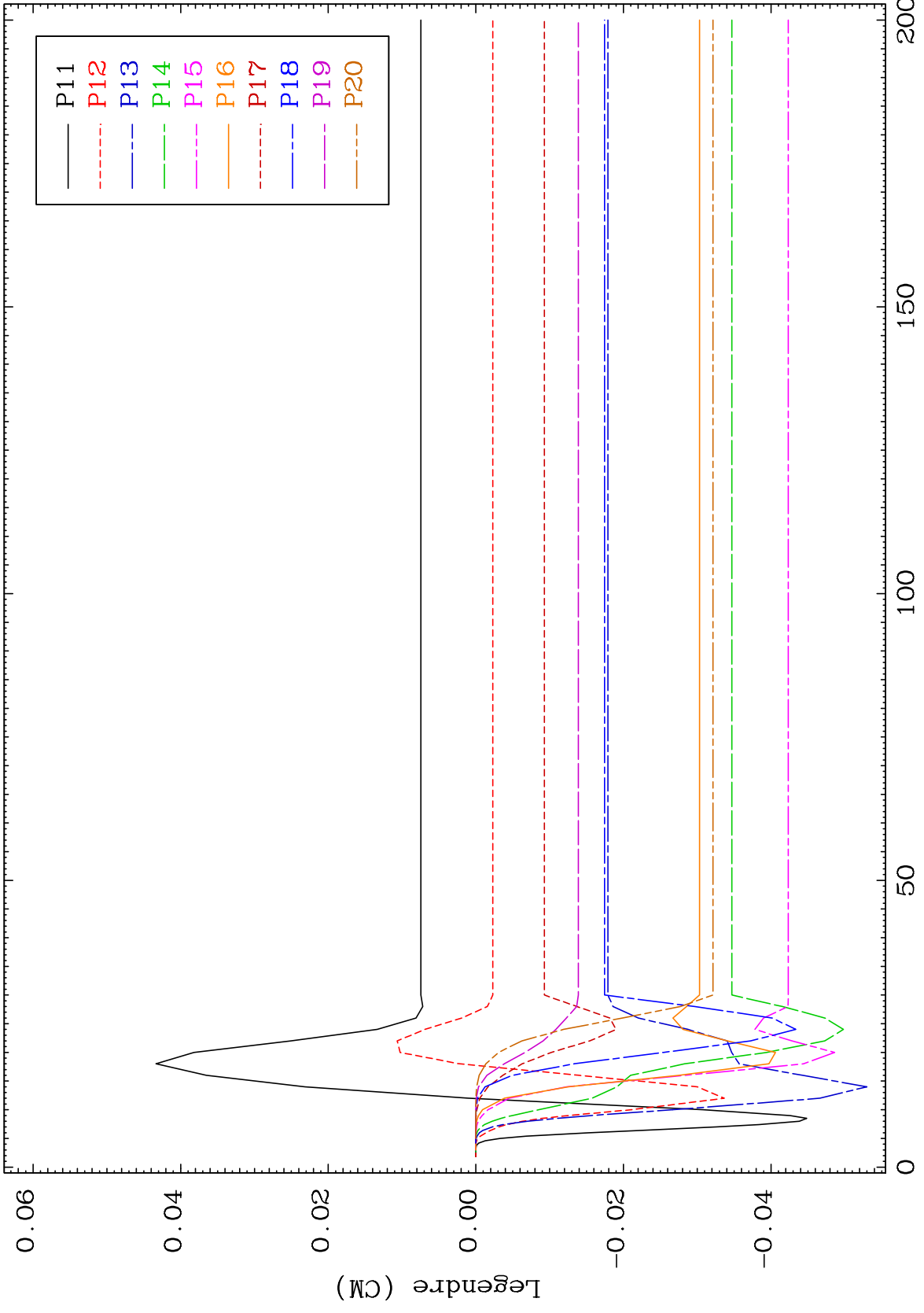
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



37

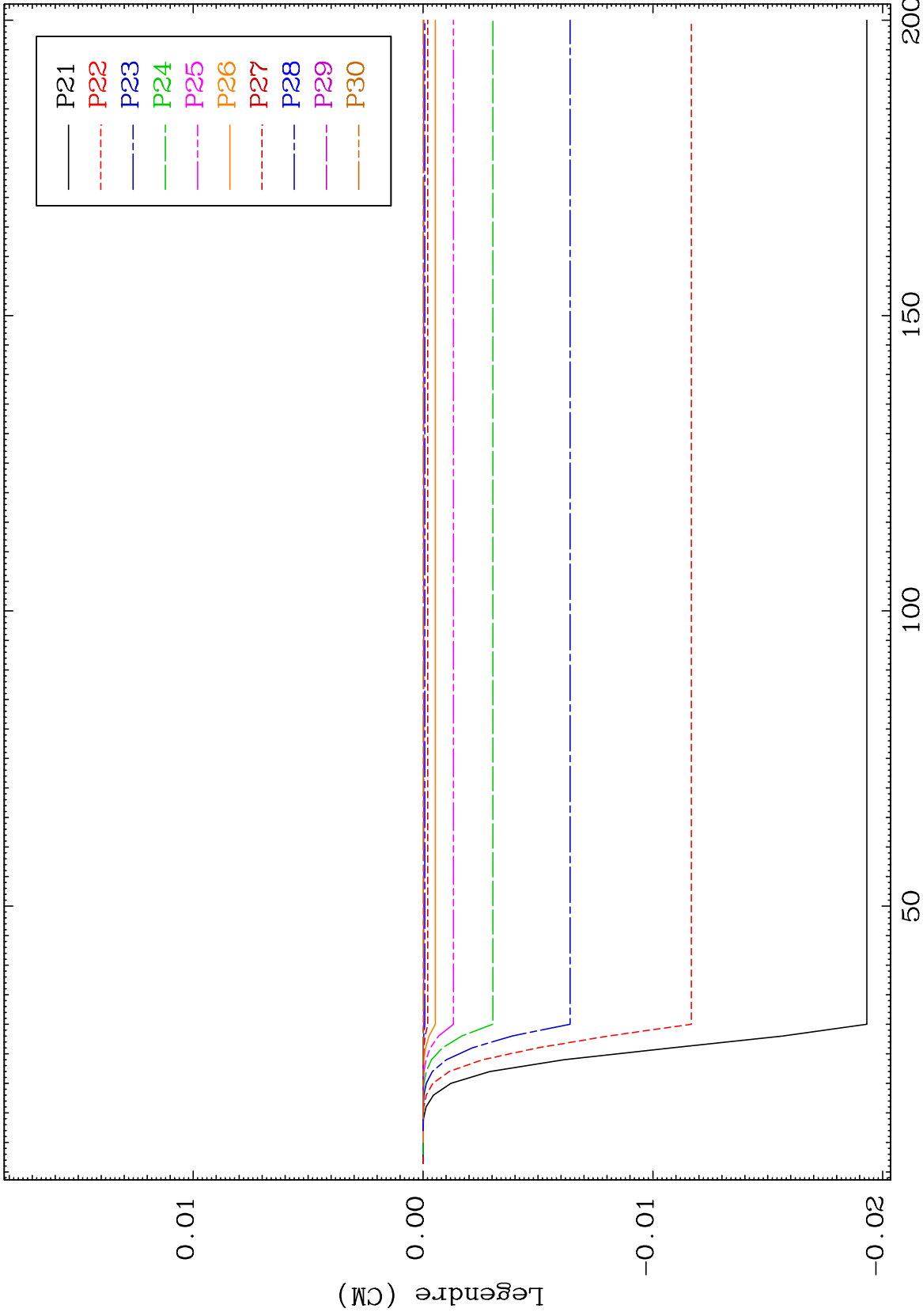
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



38

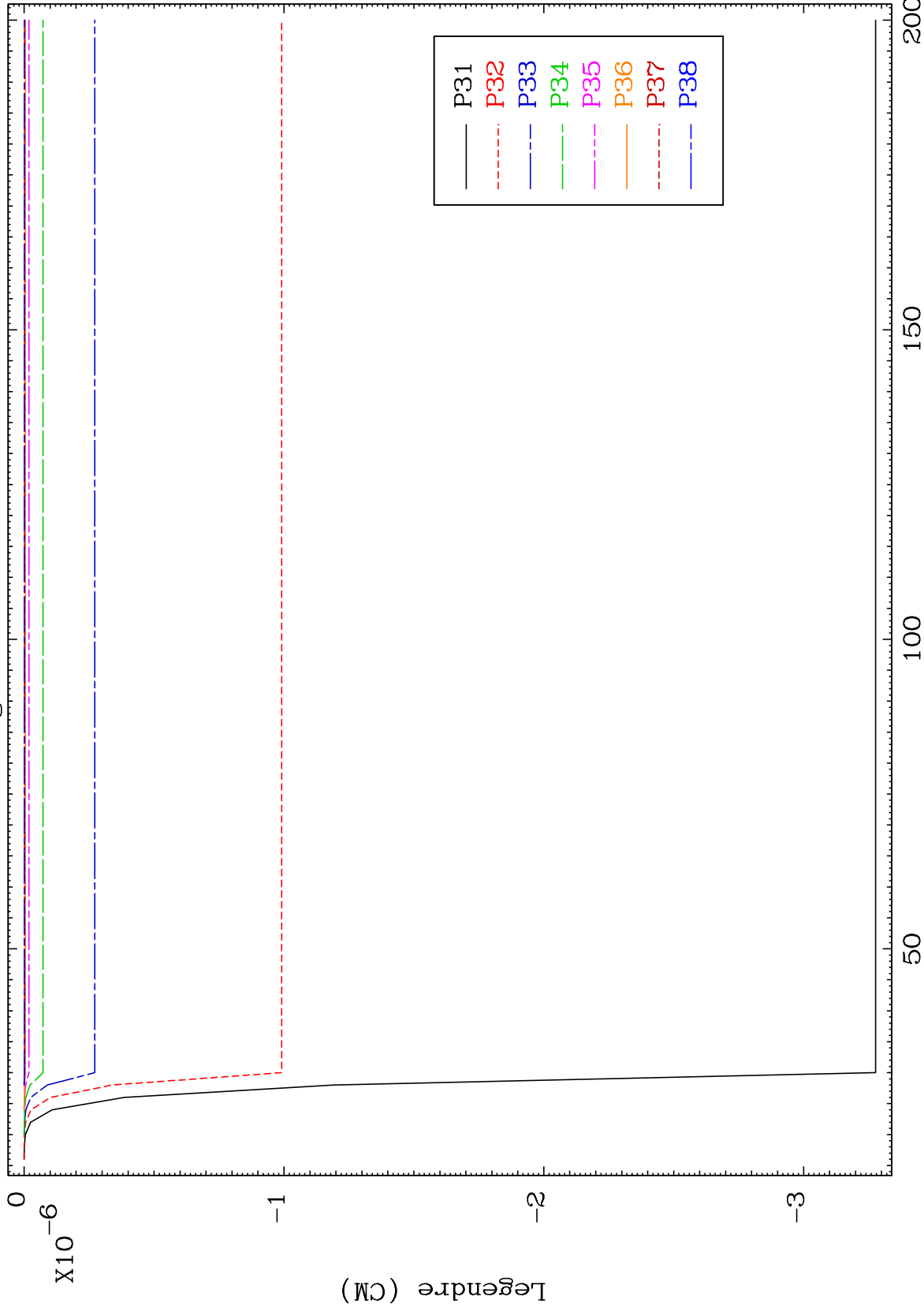
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



39

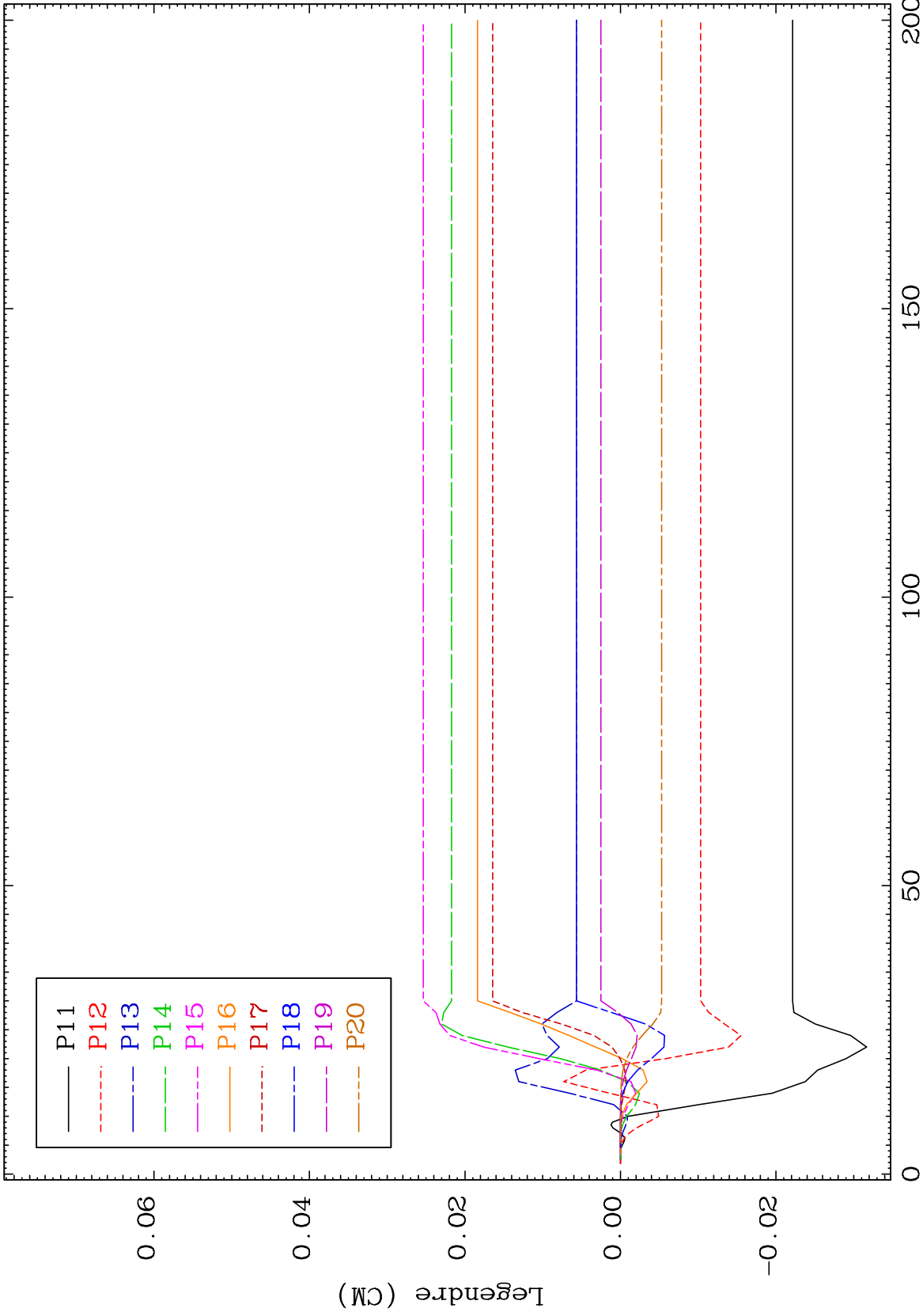
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



41

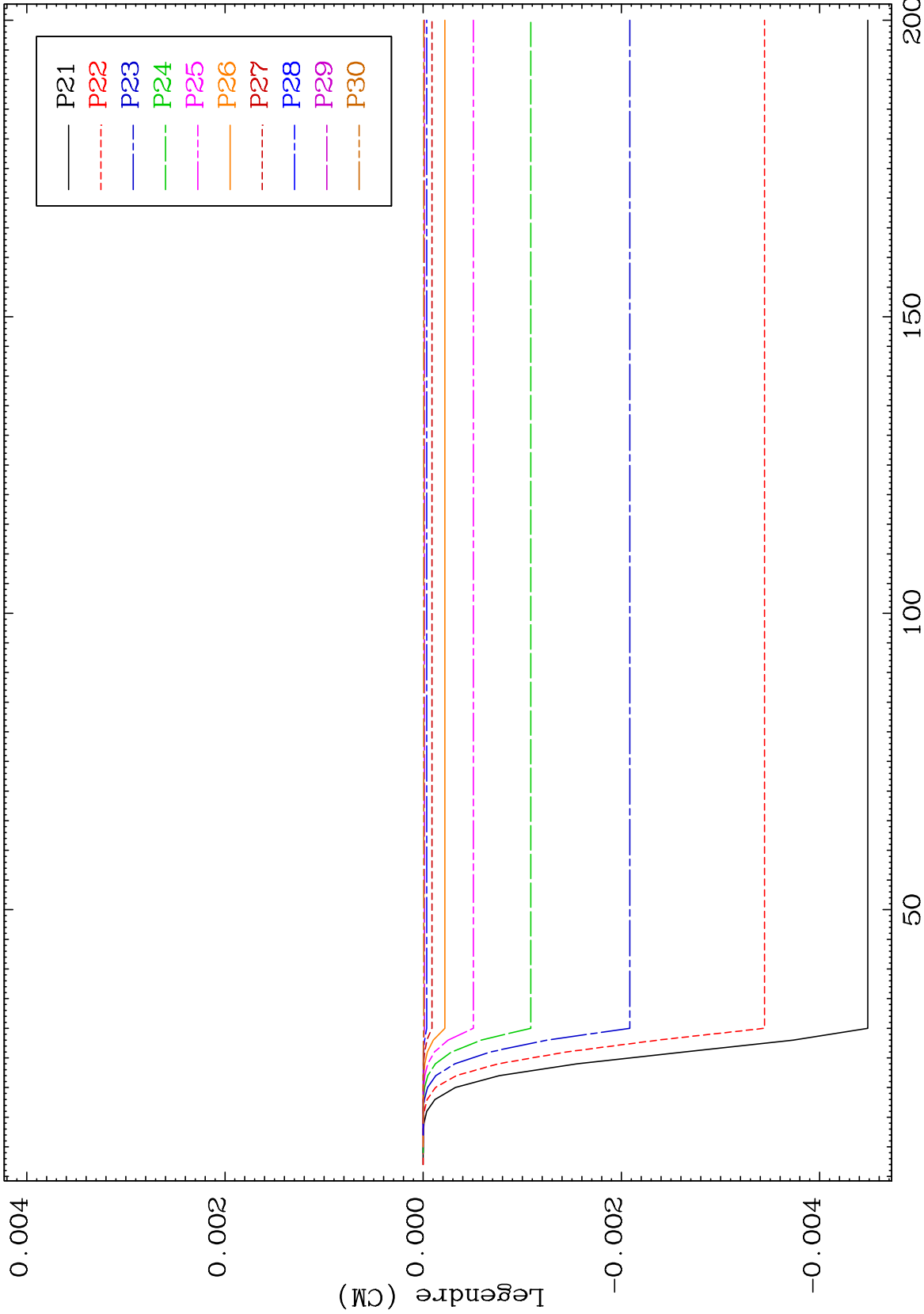
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



42

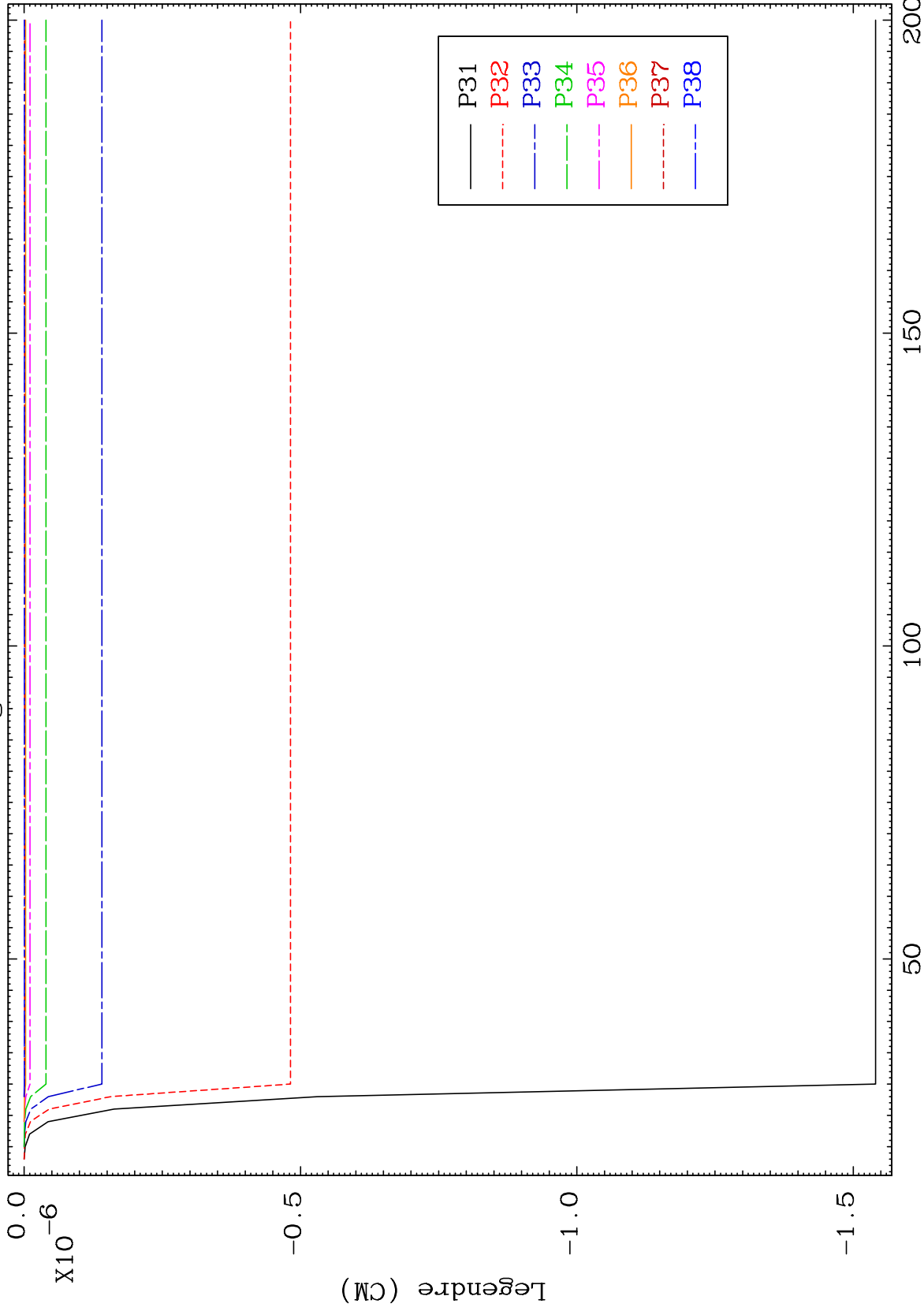
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

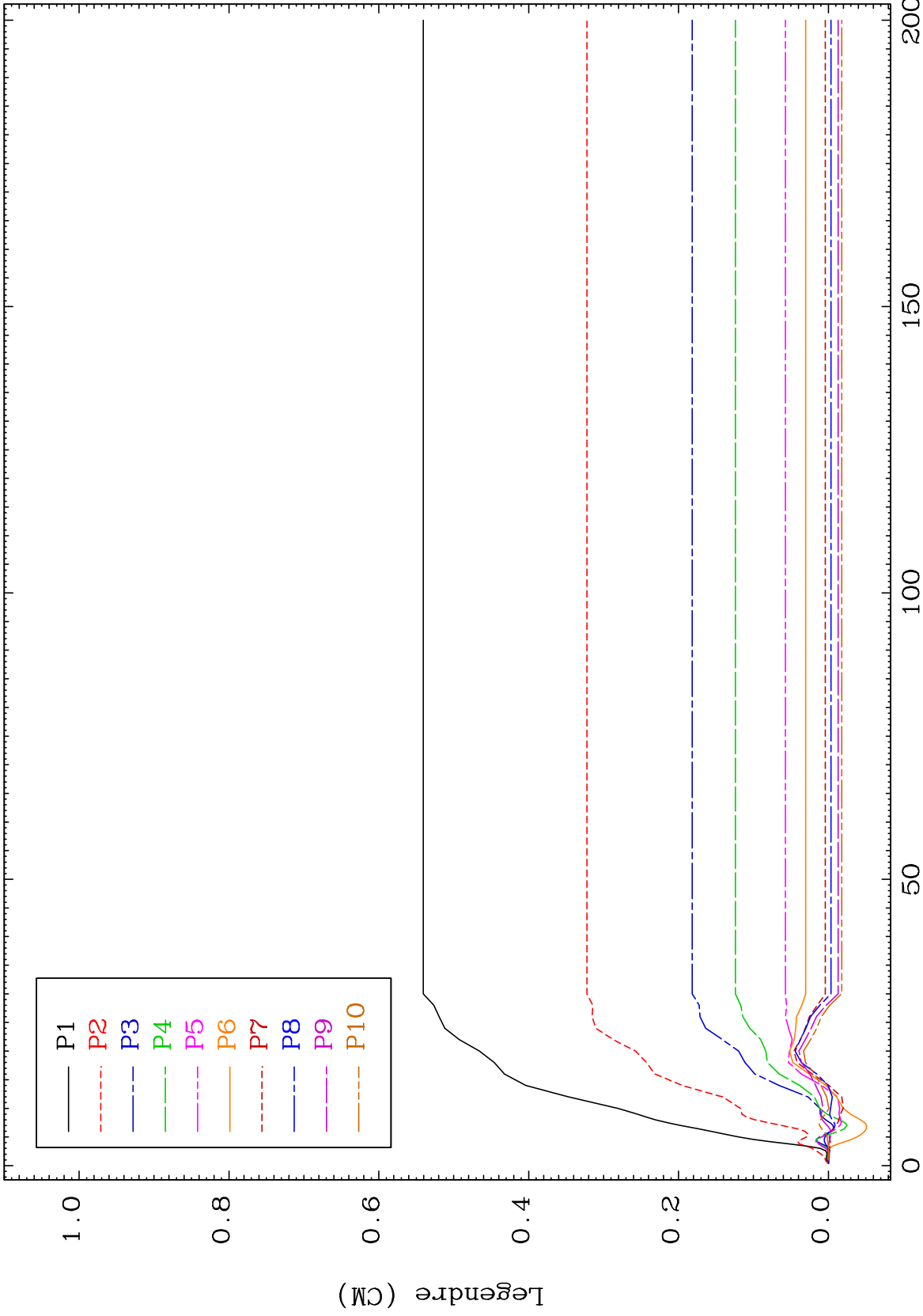
77-Ir-191



43

Incident Energy (MeV)

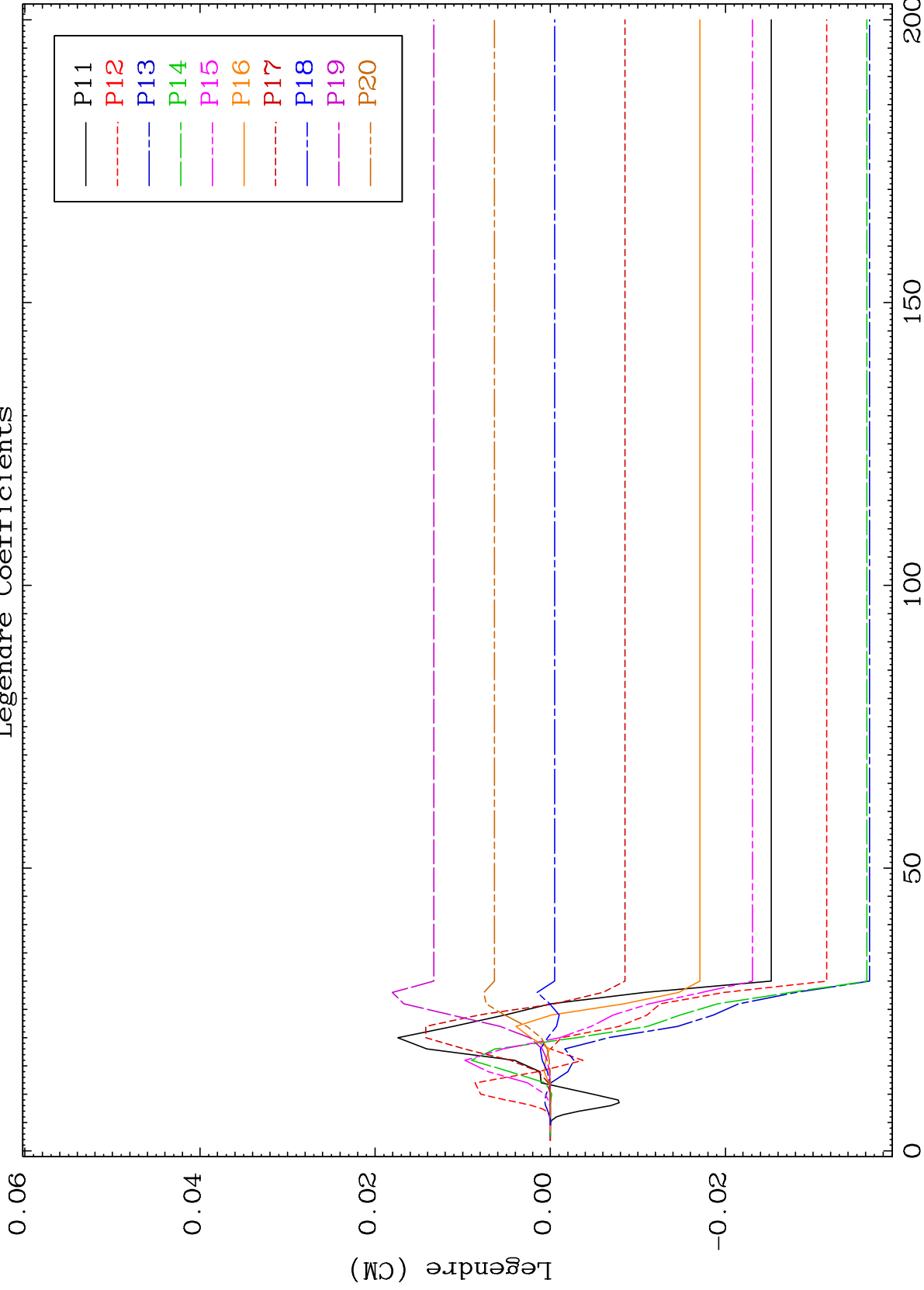
77-Ir-191



MAT 7725

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

77-Ir-191



45

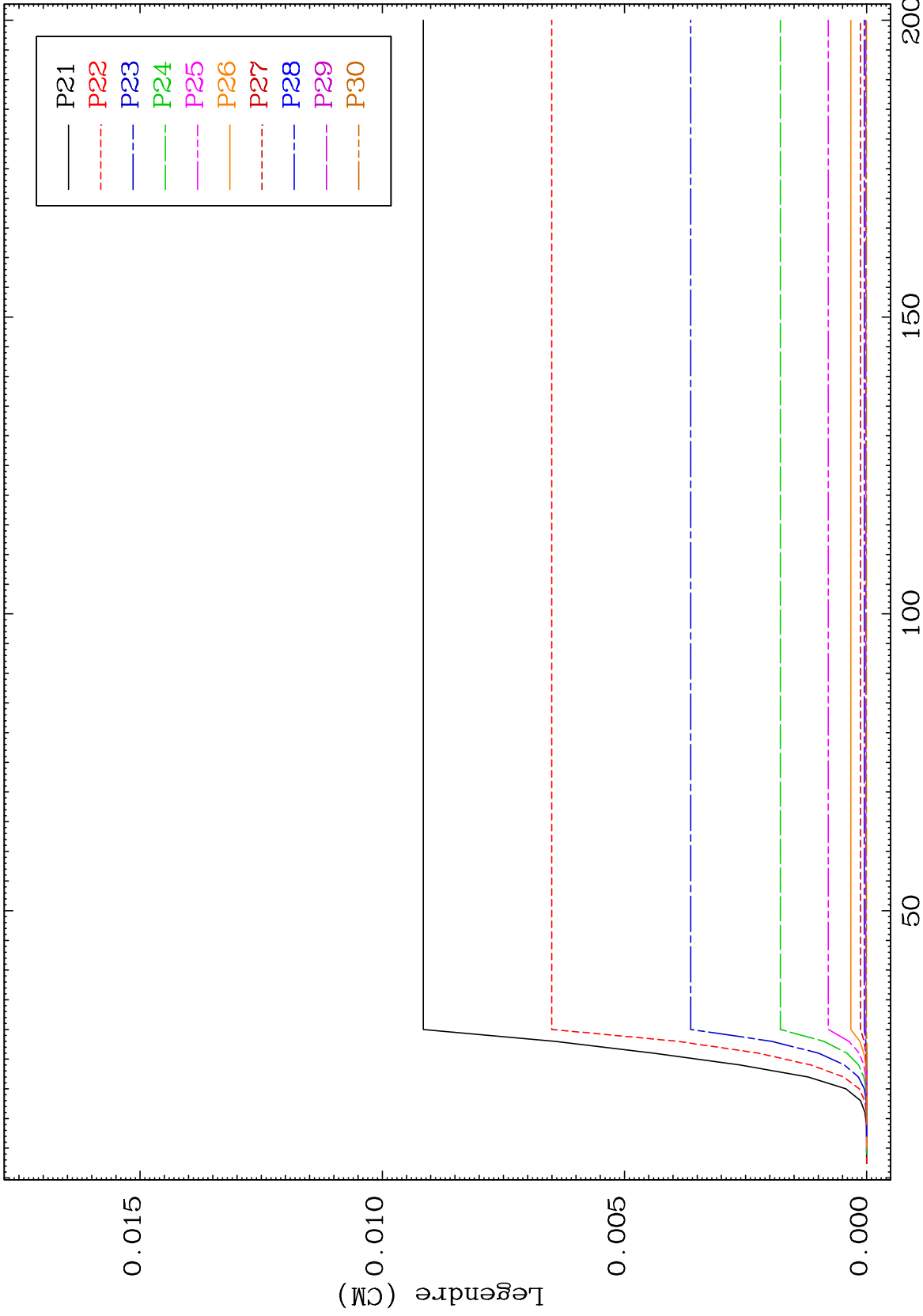
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



46

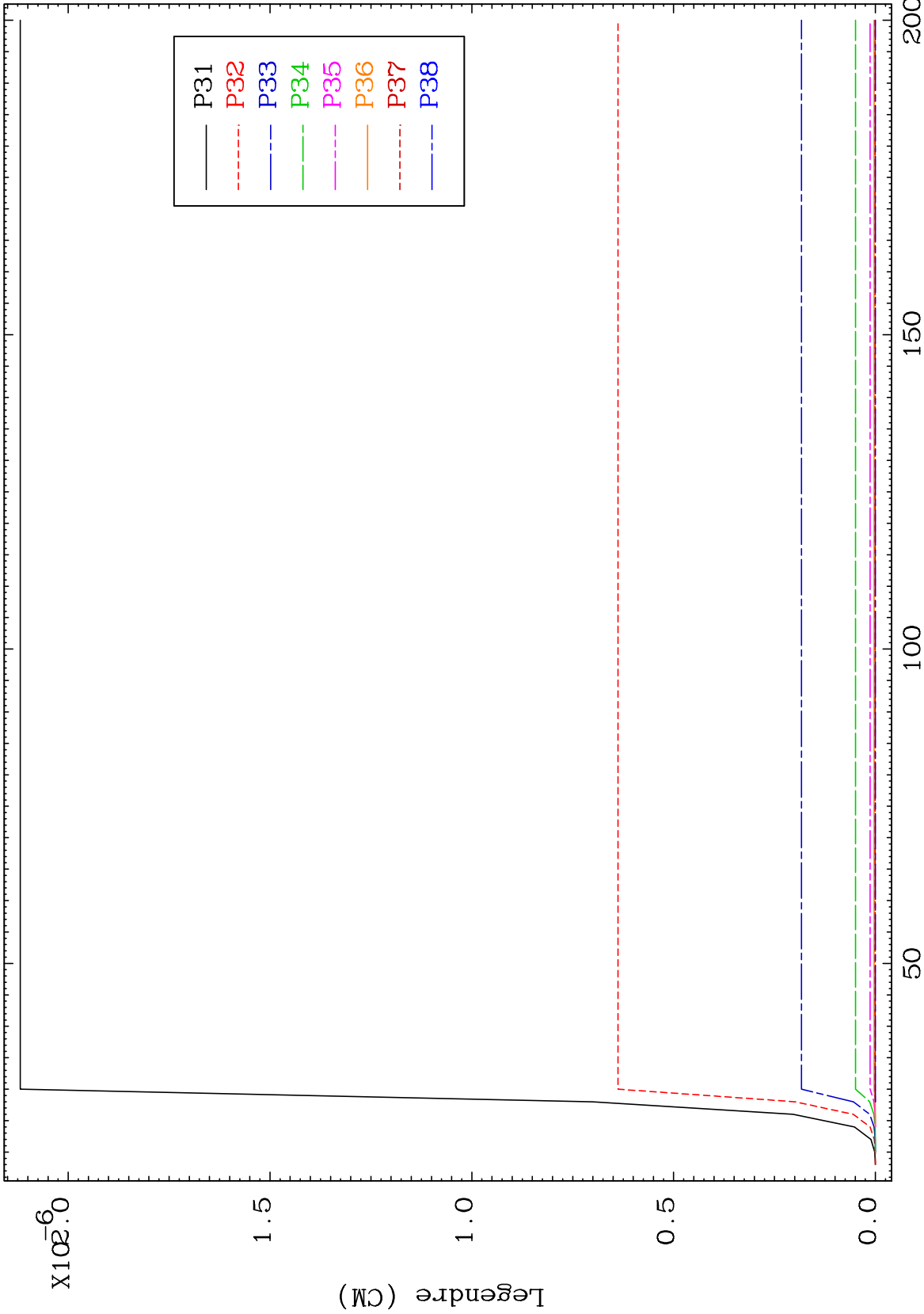
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



47

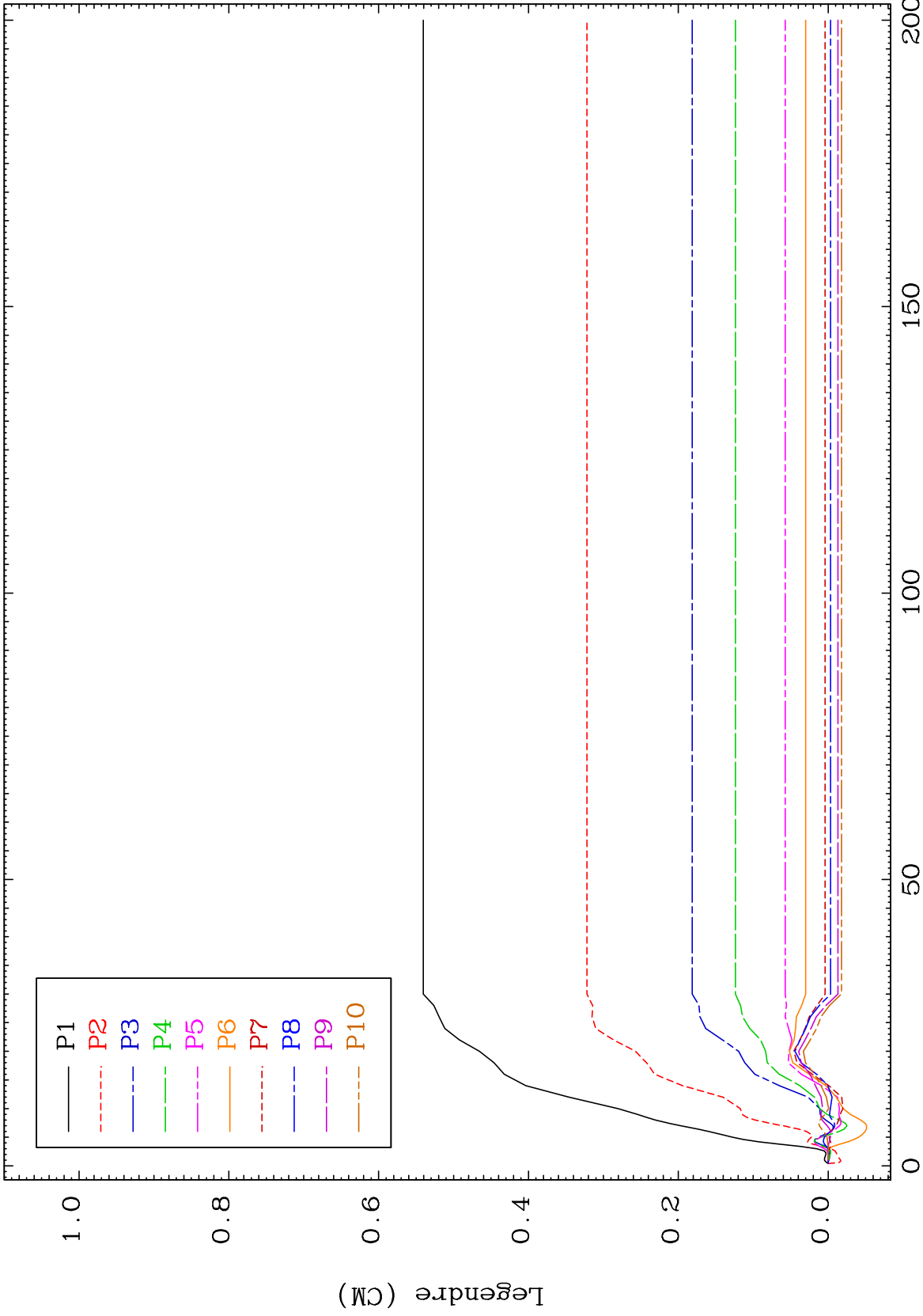
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



48

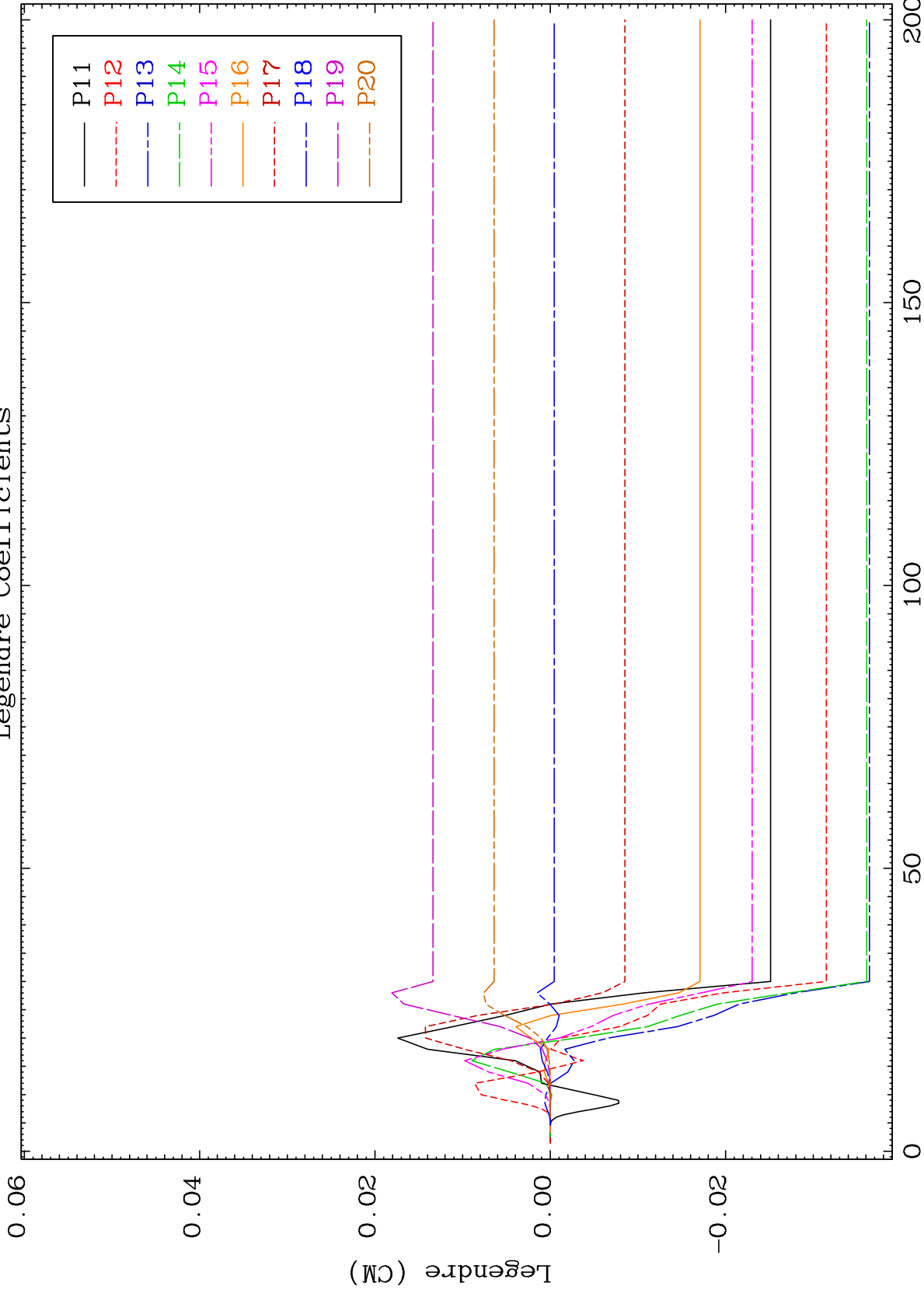
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



49

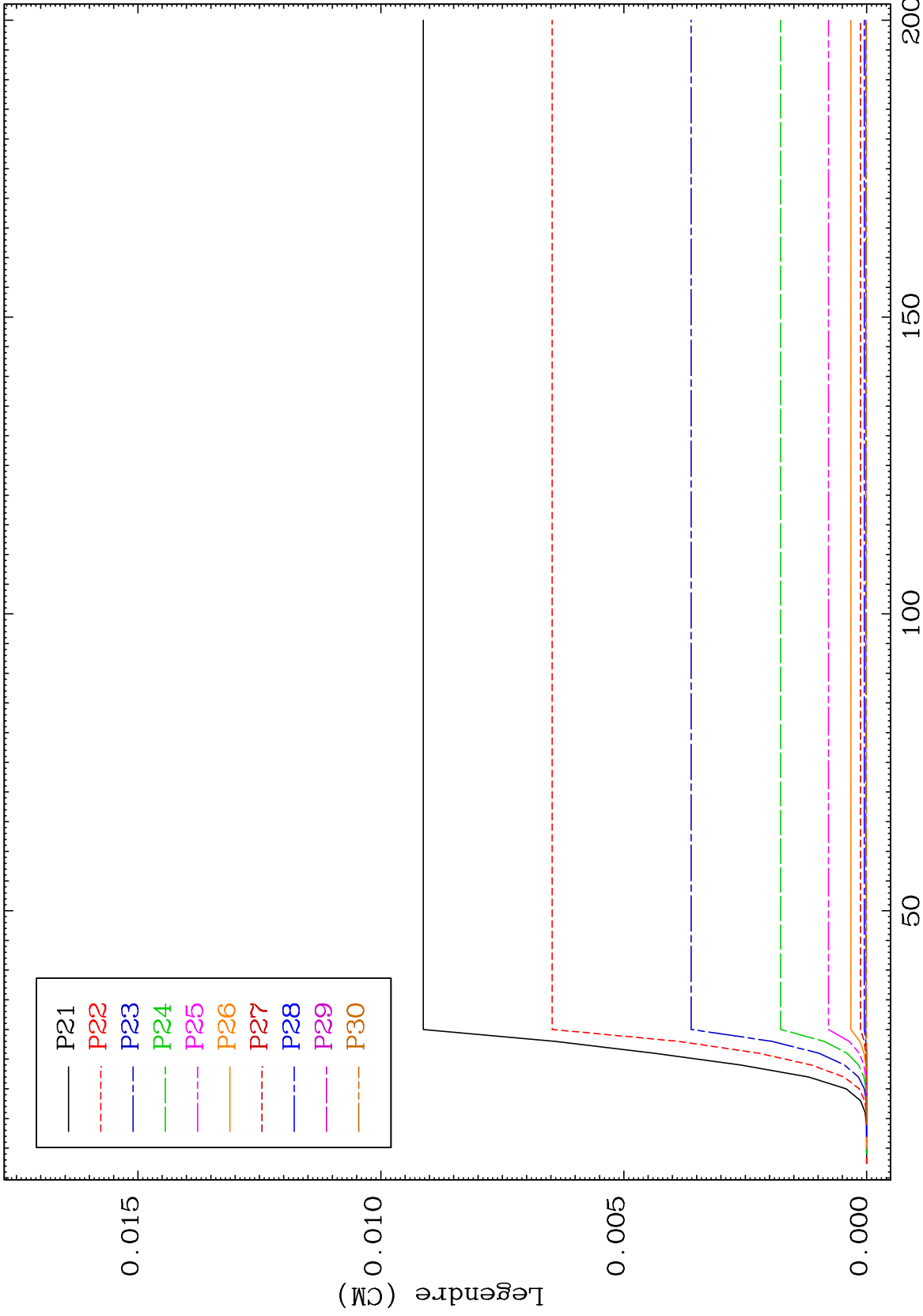
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



50

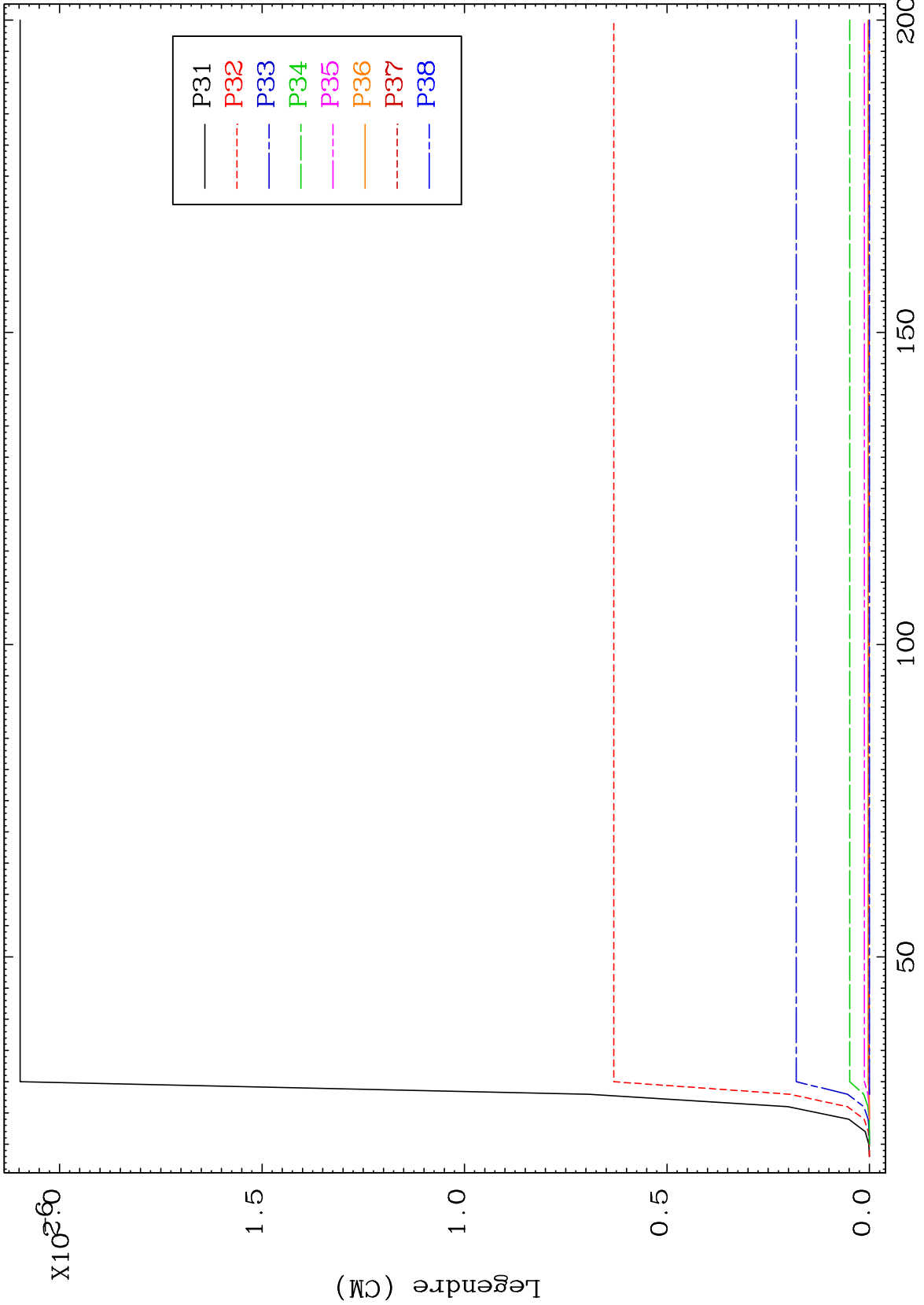
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



51

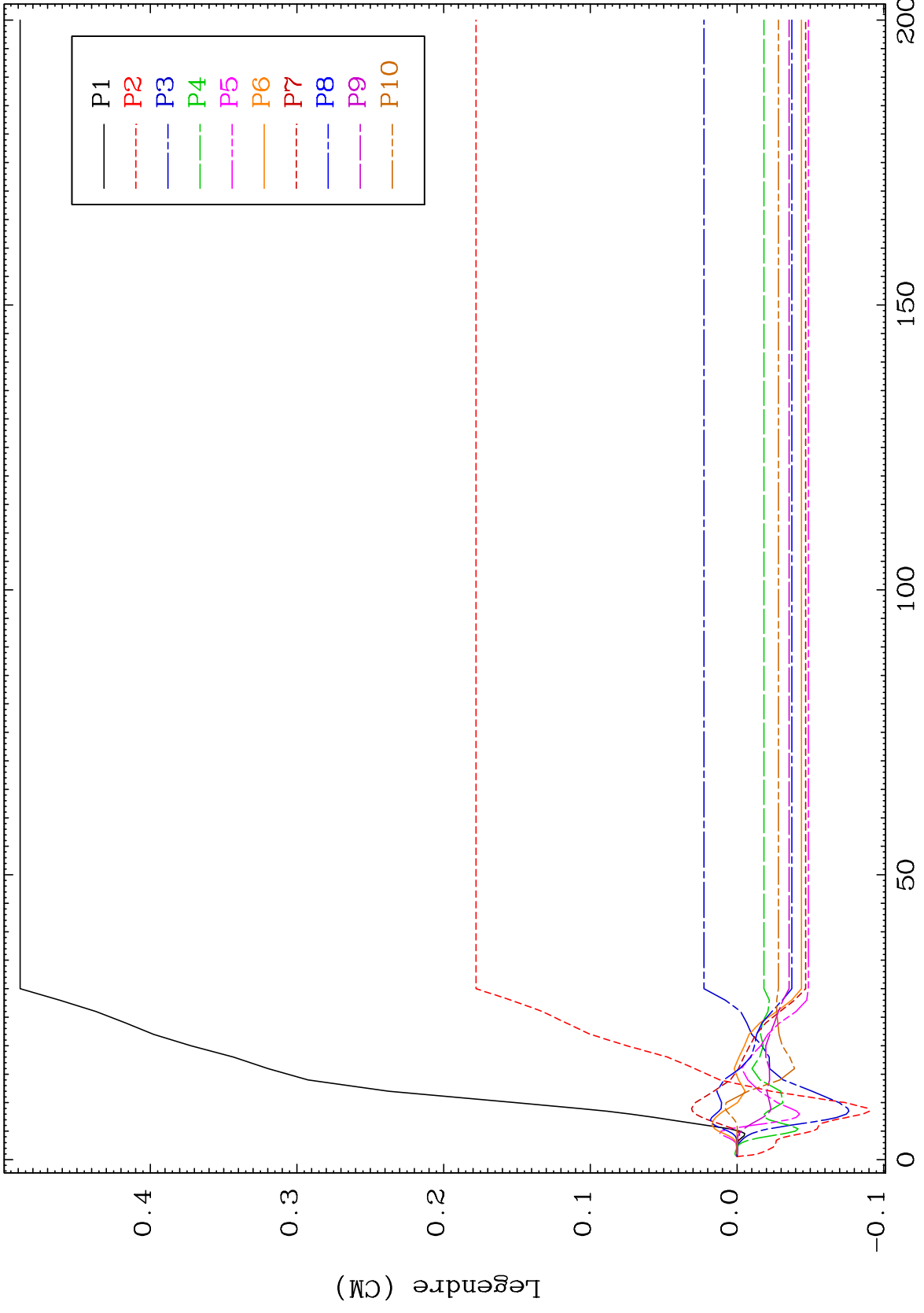
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



52

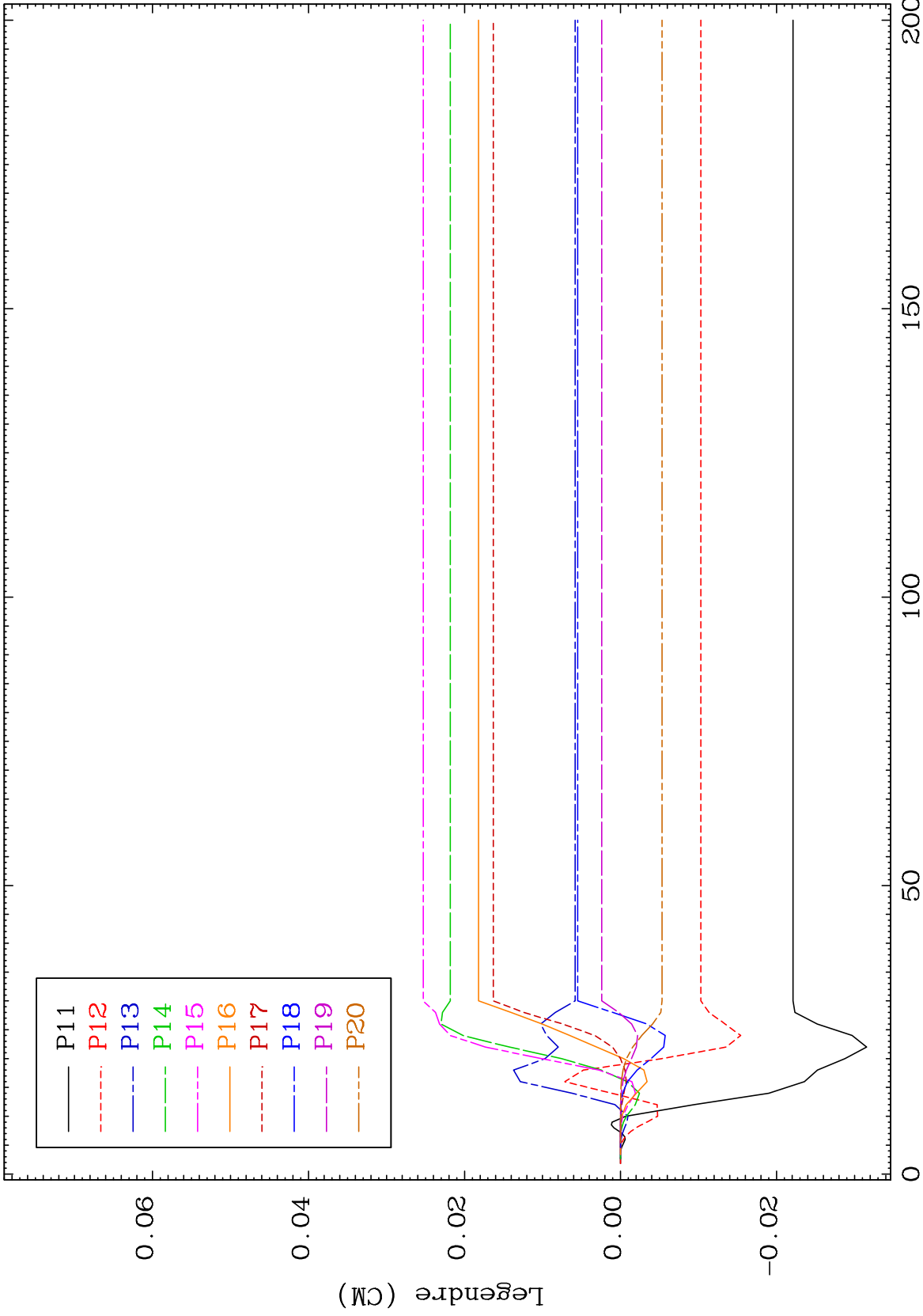
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



53

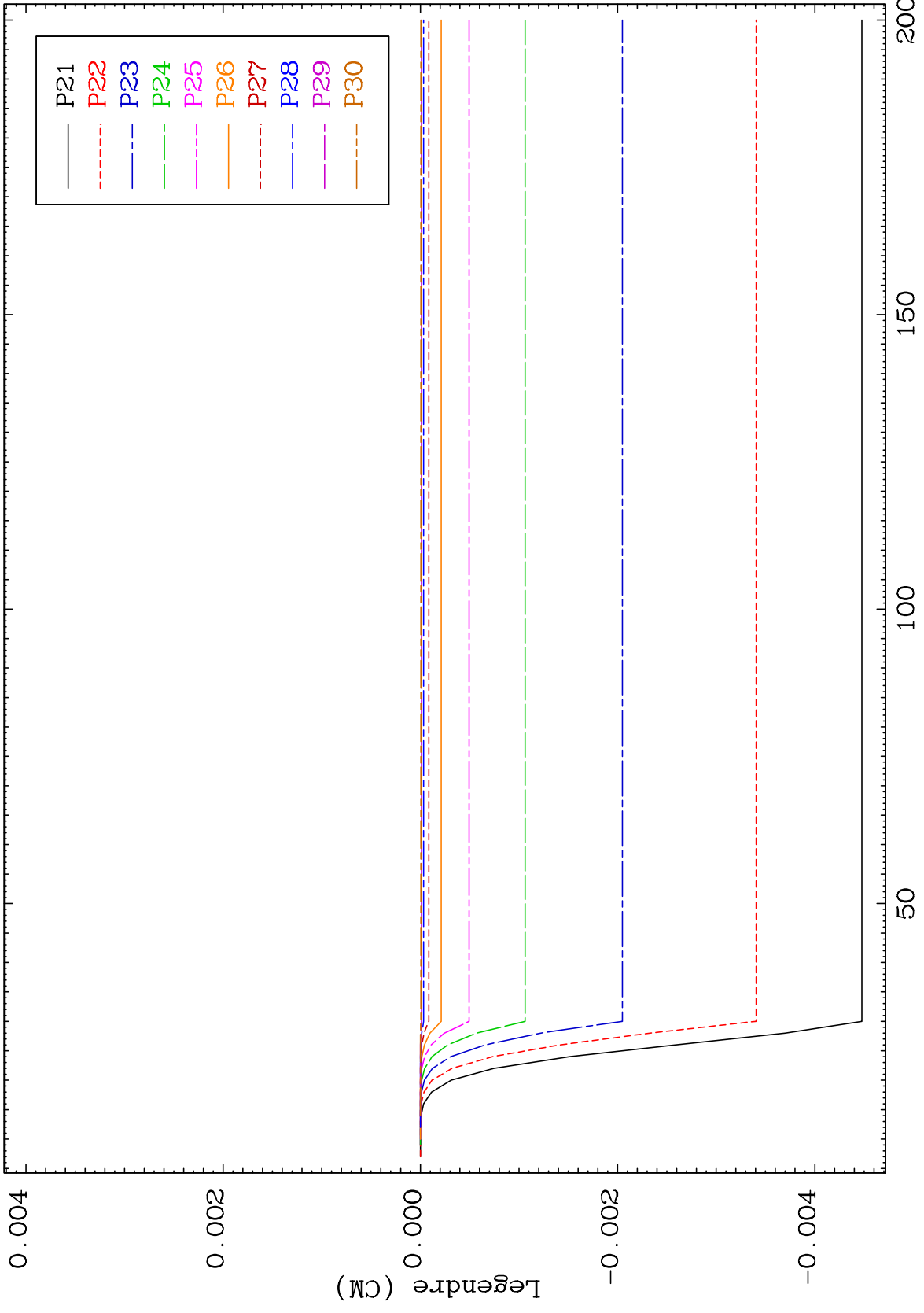
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



54

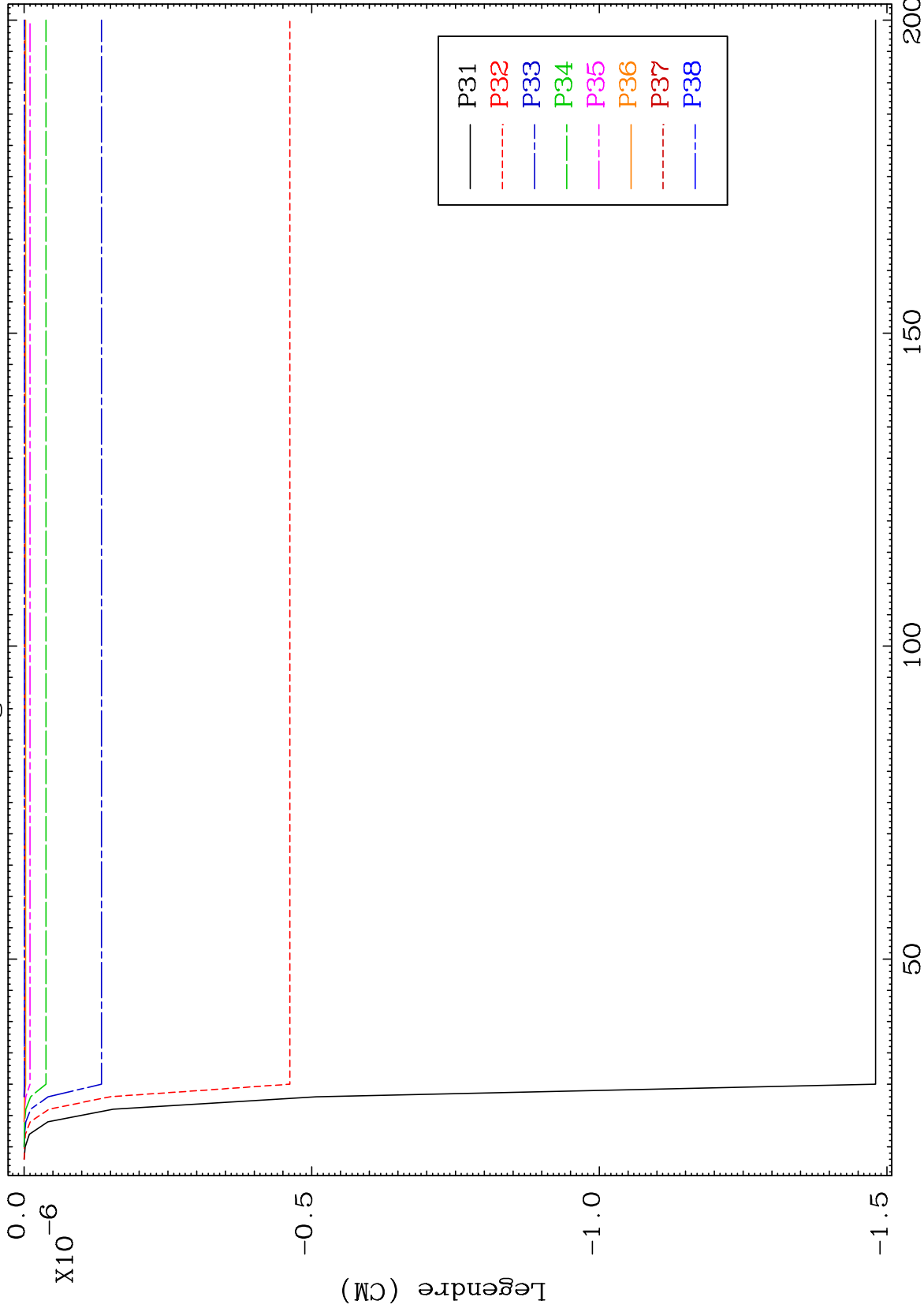
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



55

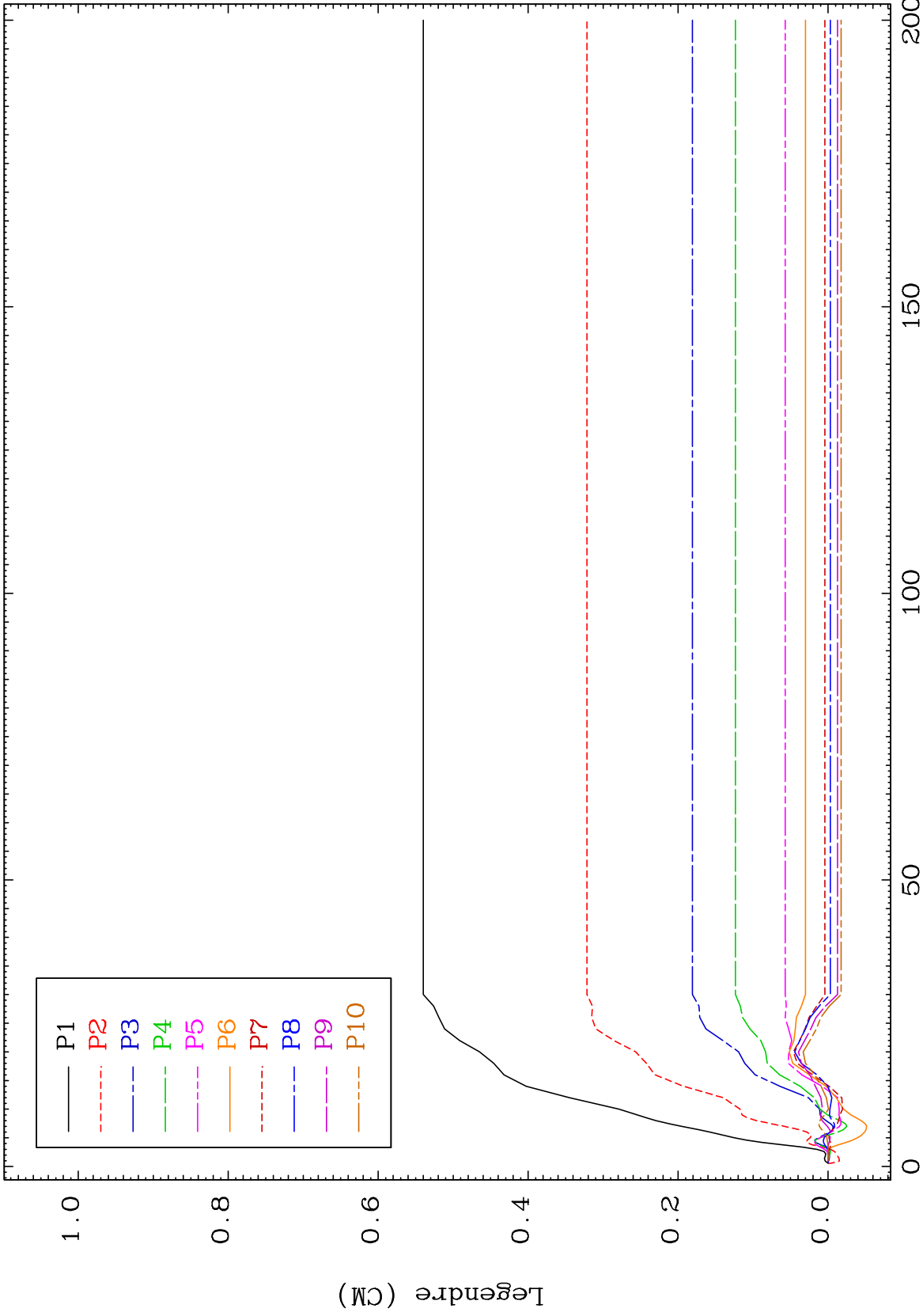
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



56

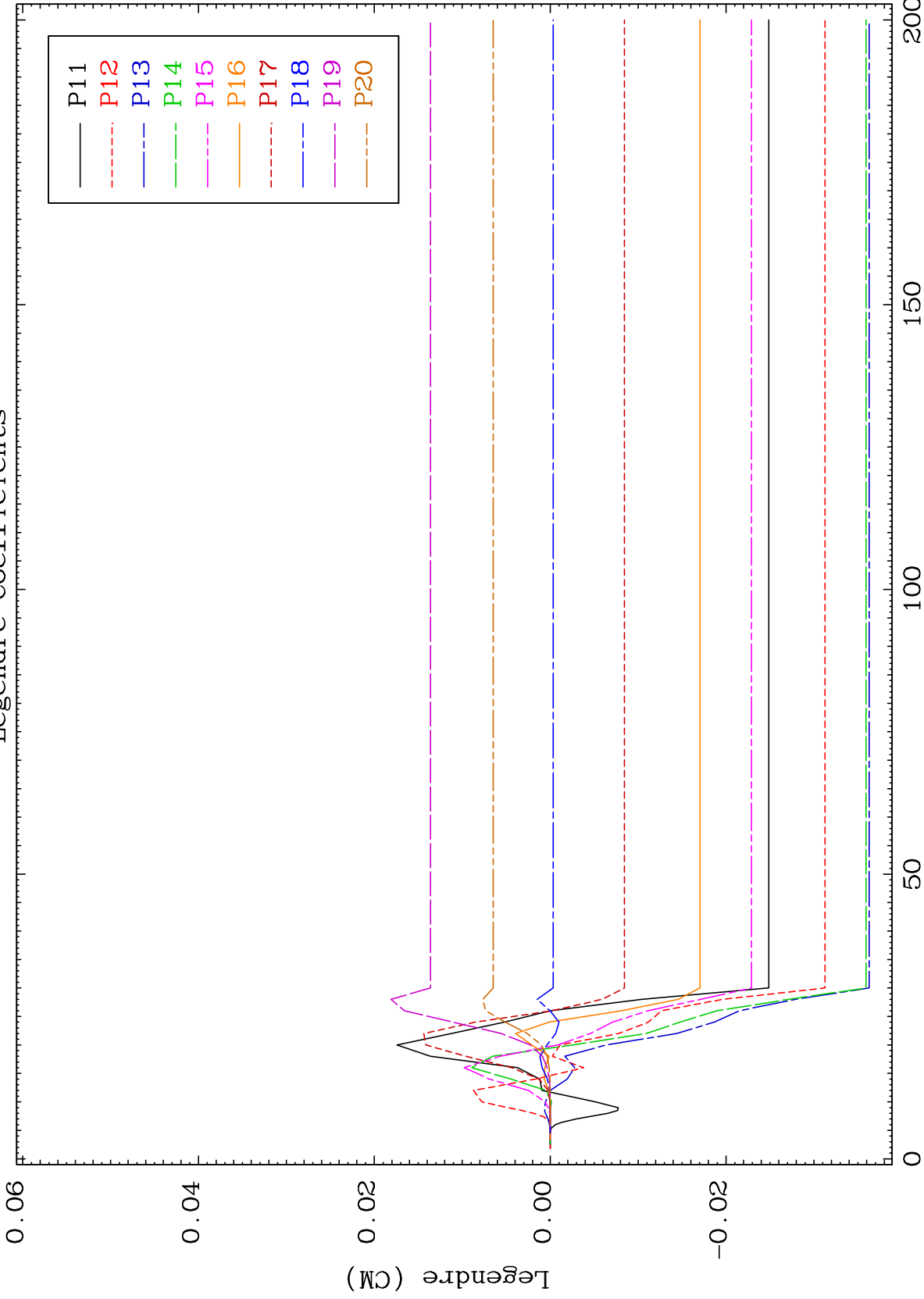
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



57

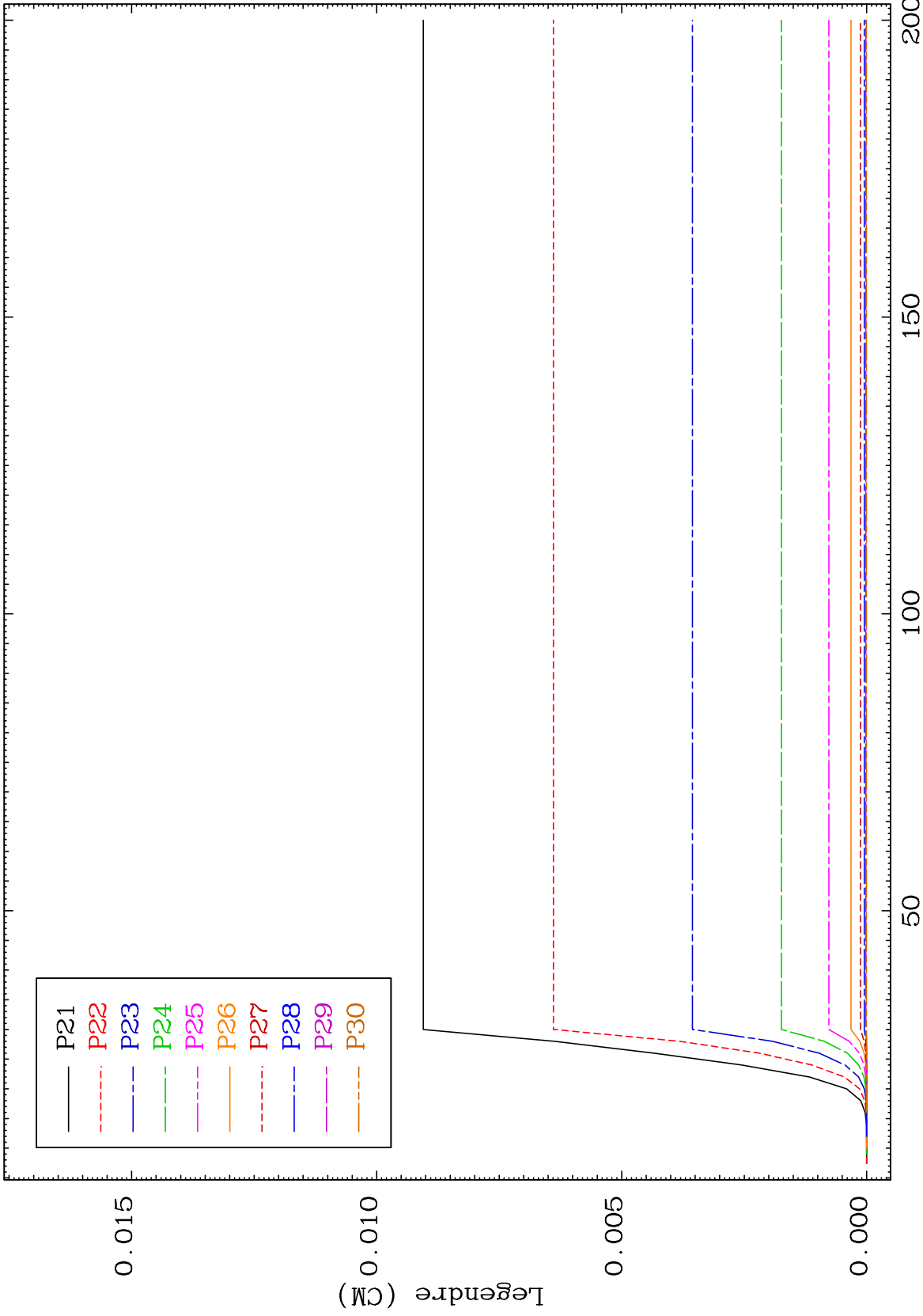
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



58

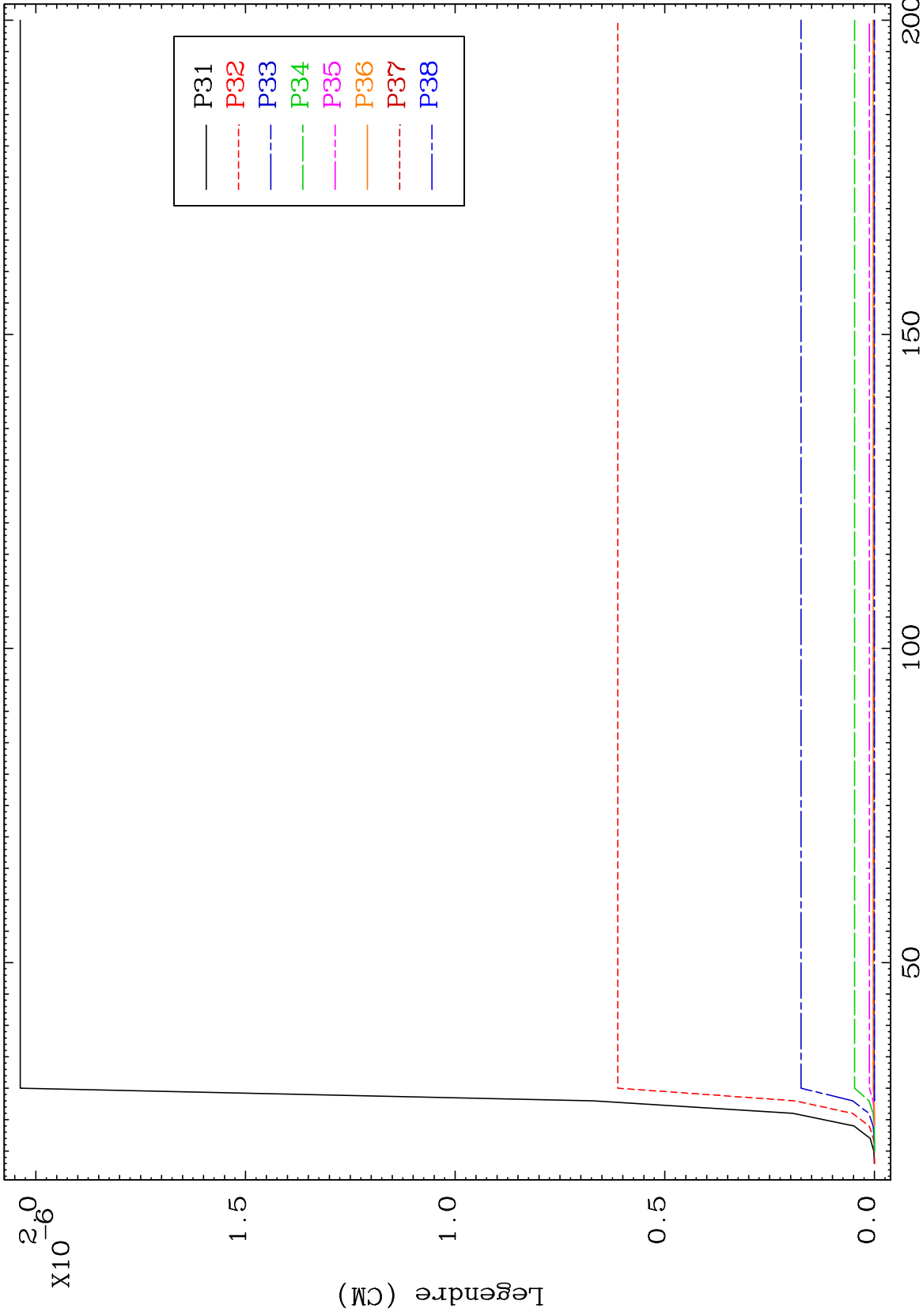
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



59

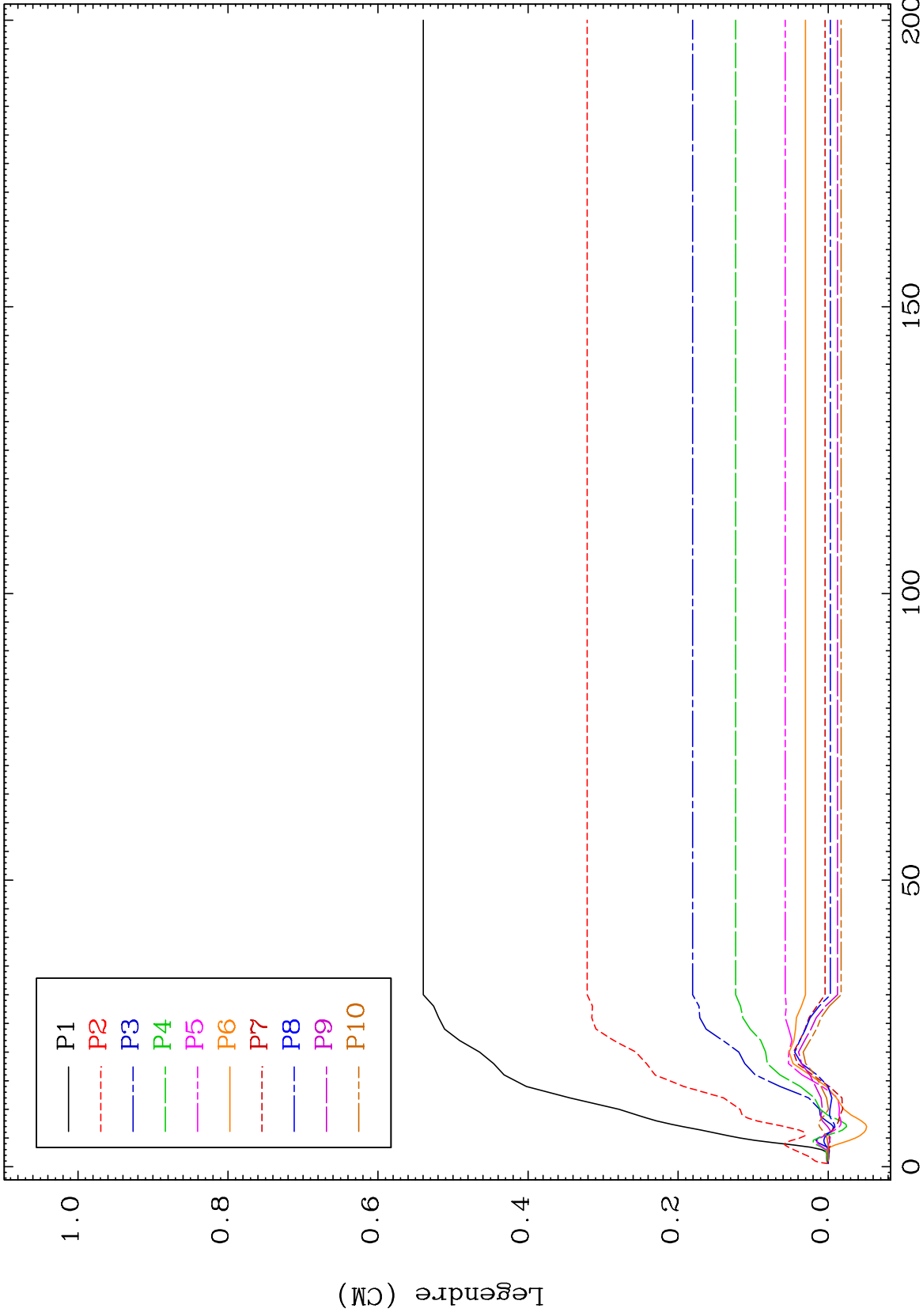
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191

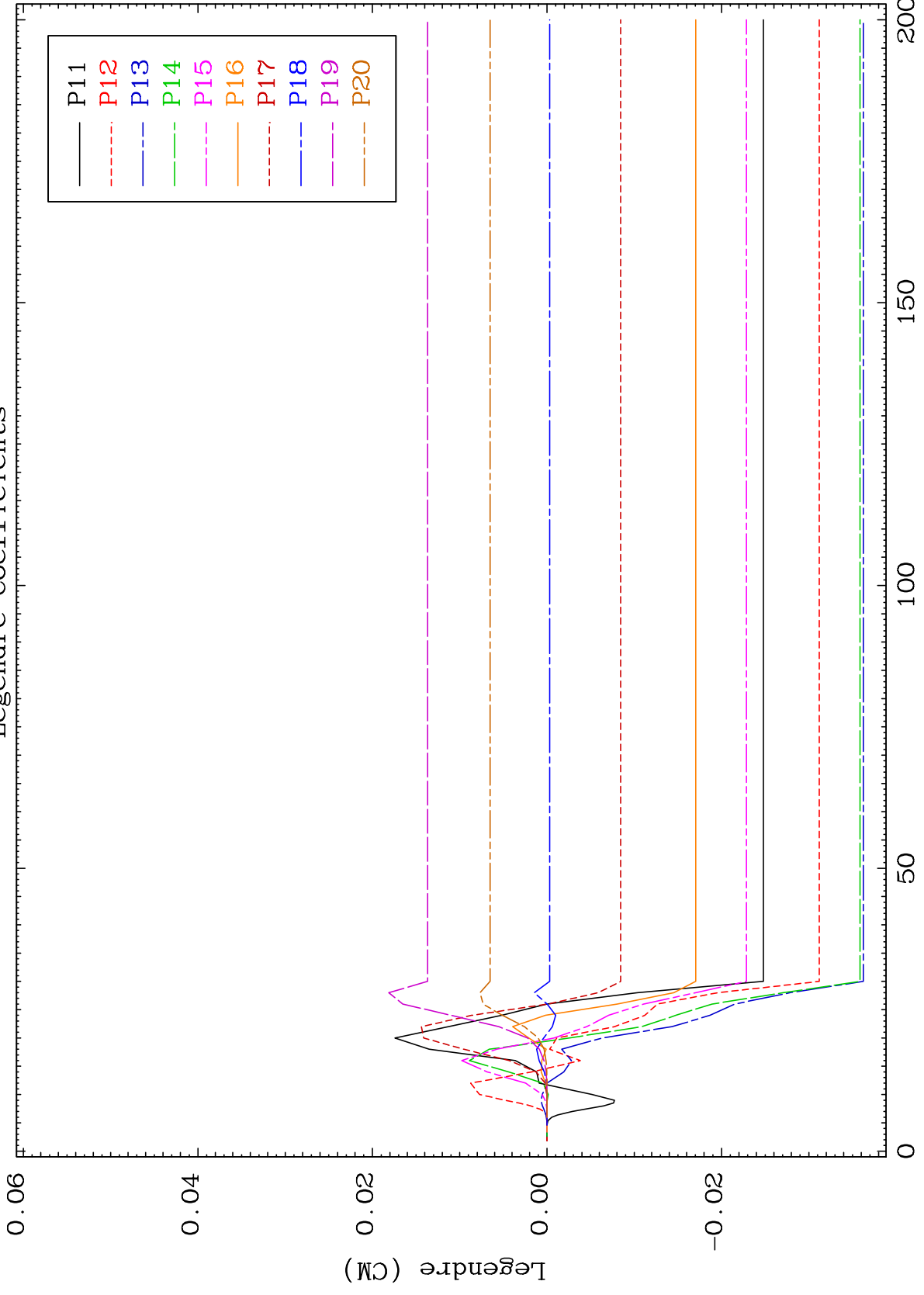


60

Incident Energy (MeV)

77-Ir-191

MAT 7725 MT= 61 (n,n') Level Legendre Coefficients 77-Ir-191

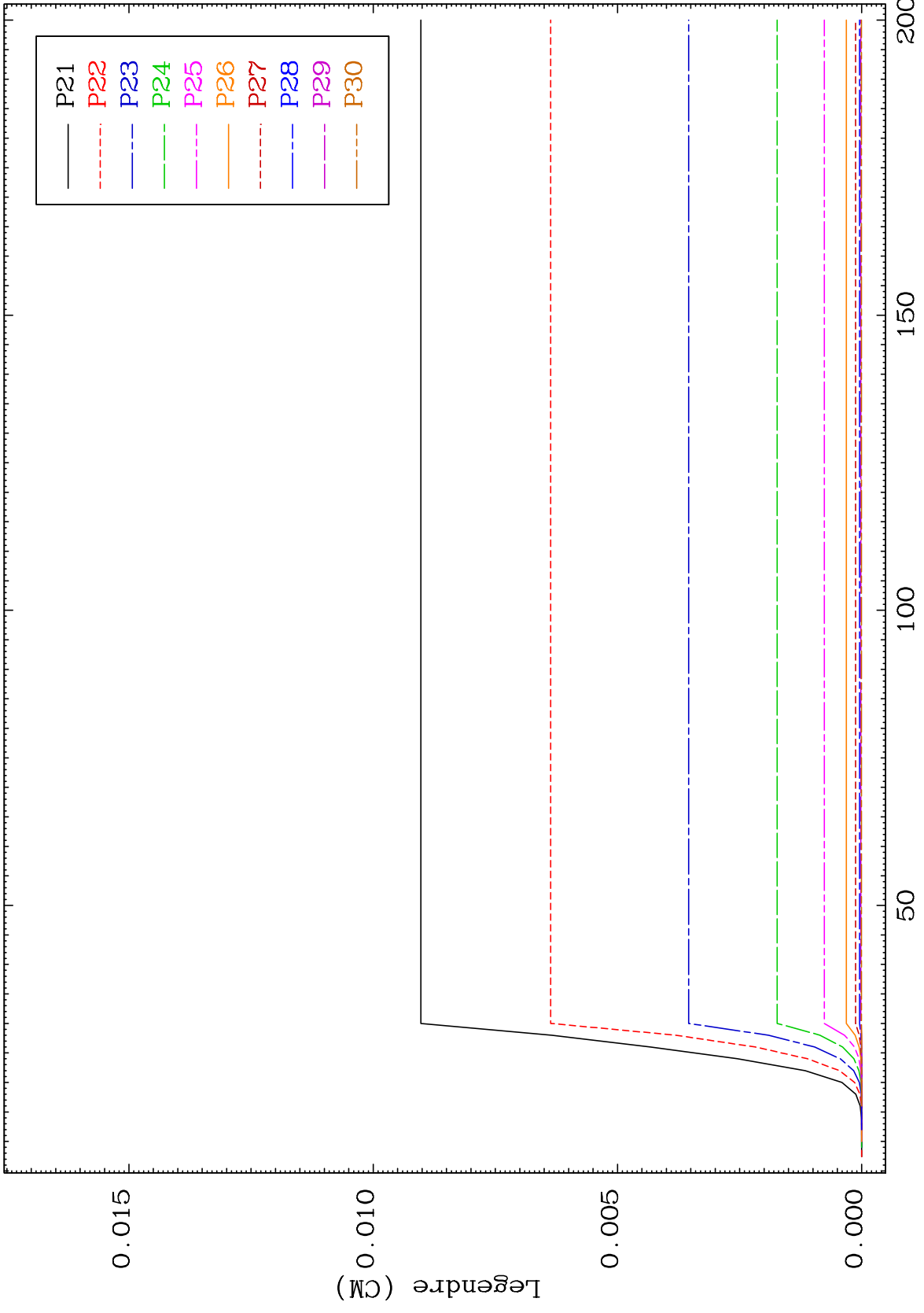


61 77-Ir-191

MAT 7725

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

77-Ir-191



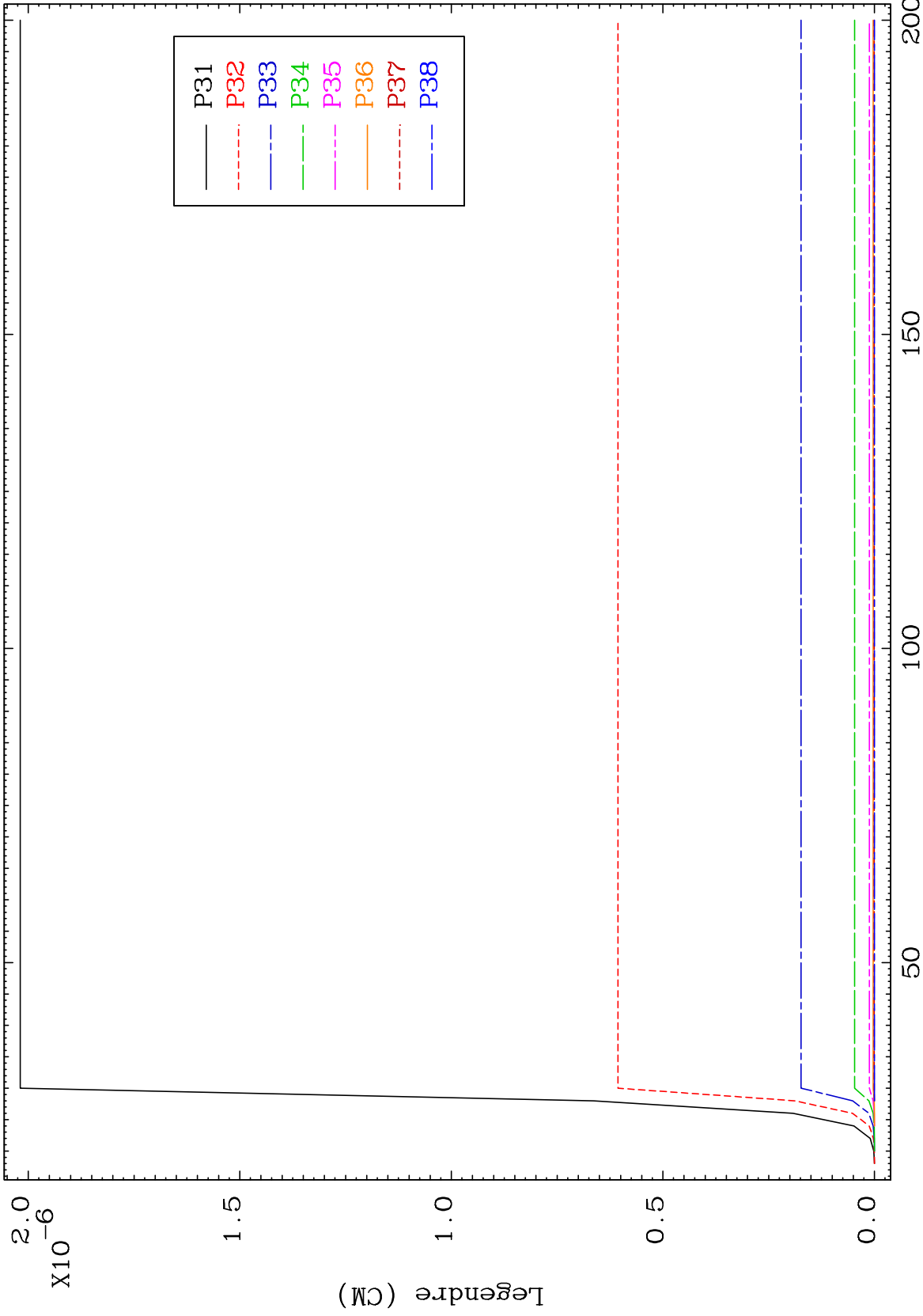
62

77-Ir-191

MAT 7725

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

77-Ir-191



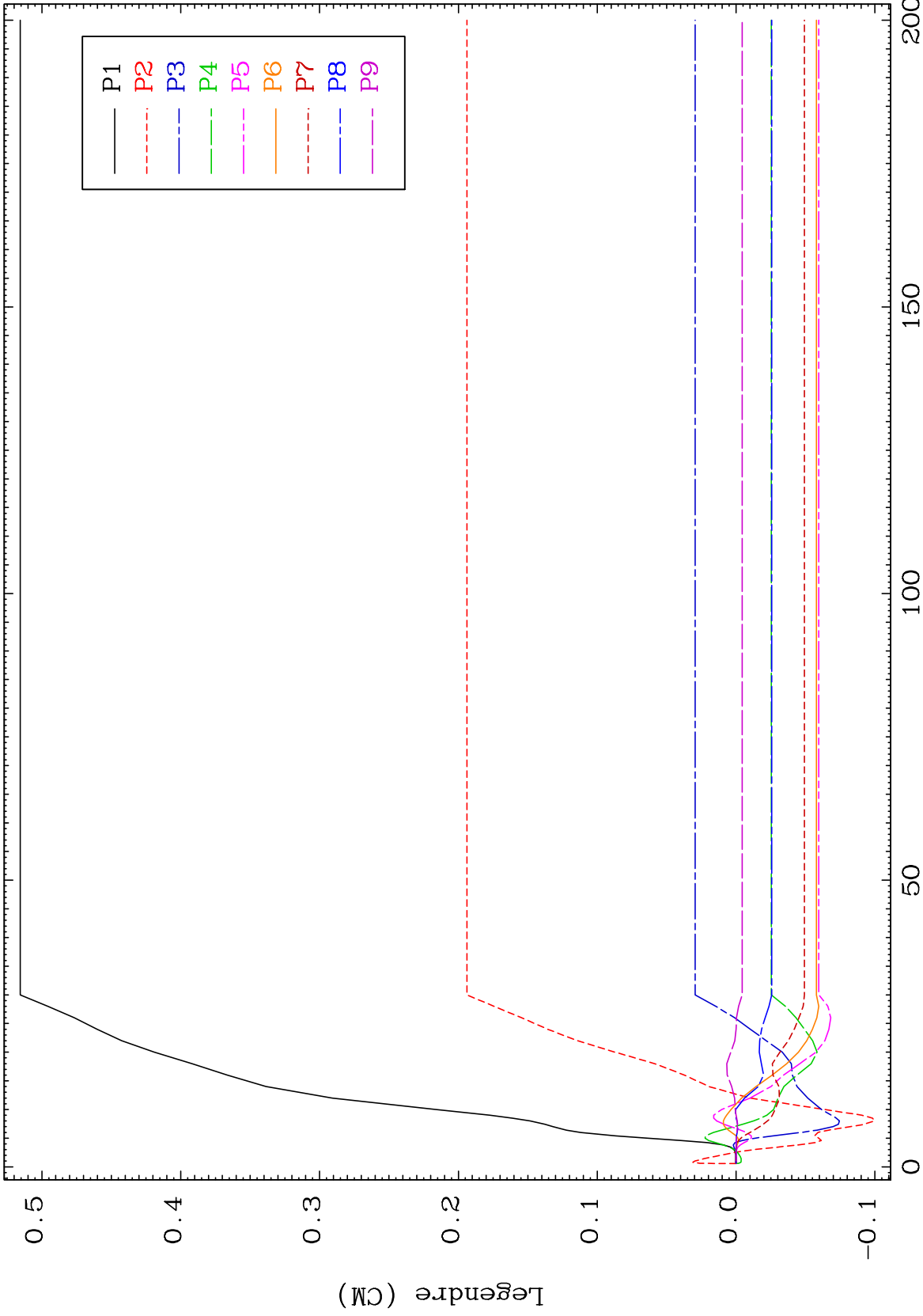
63

77-Ir-191

MAT 7725

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

77-Ir-191



64

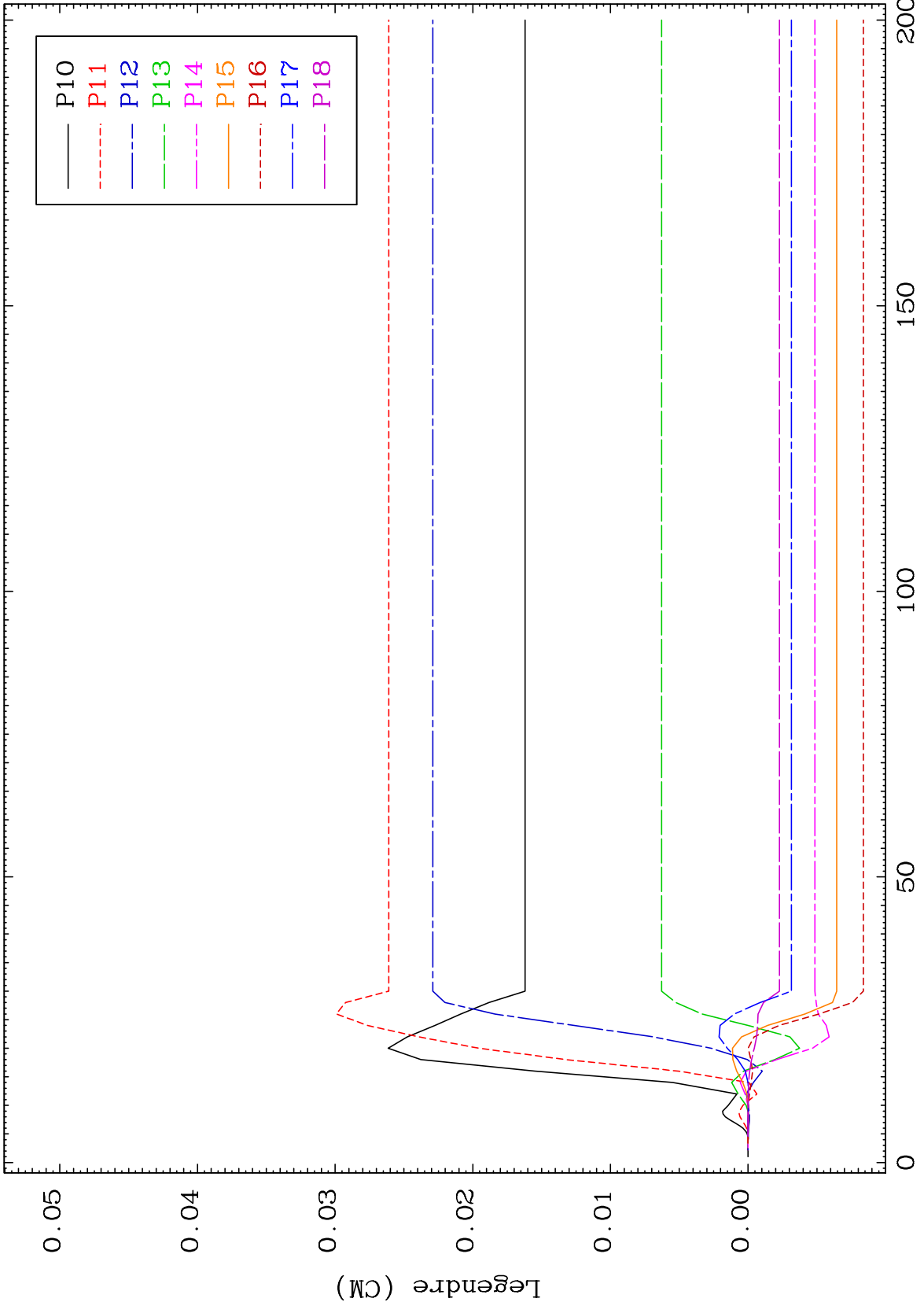
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

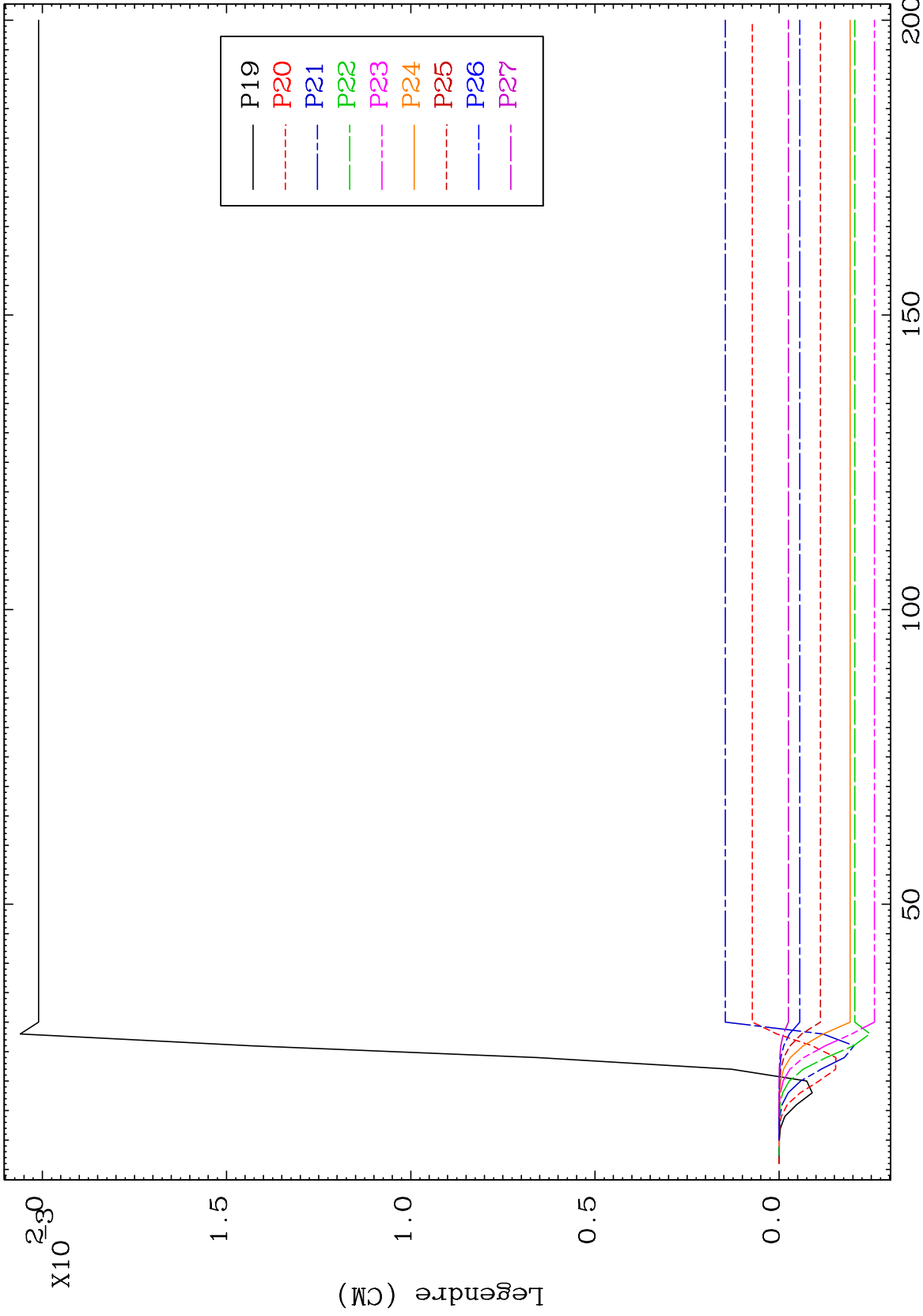
77-Ir-191



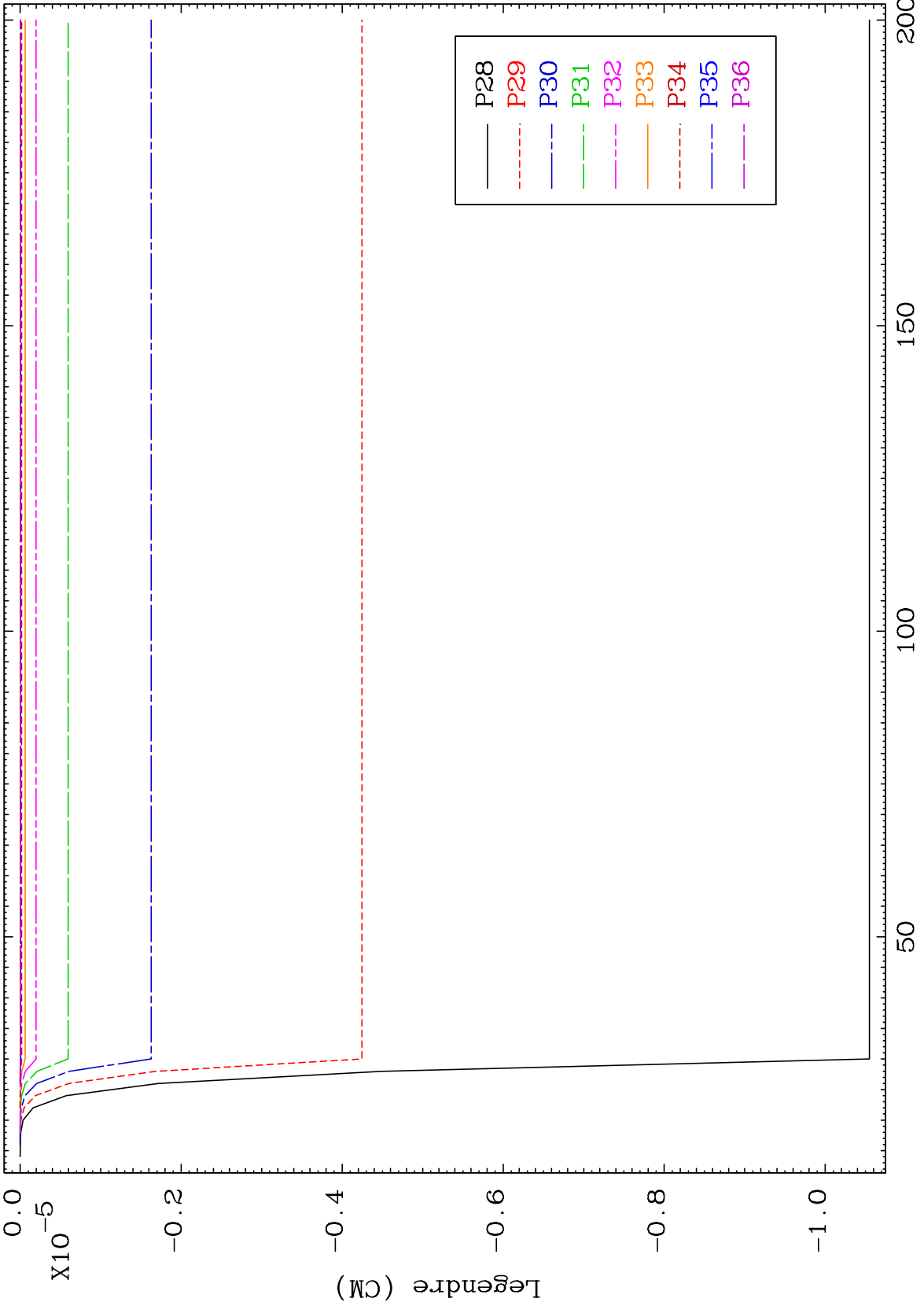
65

Incident Energy (MeV)

77-Ir-191



MAT 7725 MT= 62 (n,n') Level Legendre Coefficients 77-Ir-191

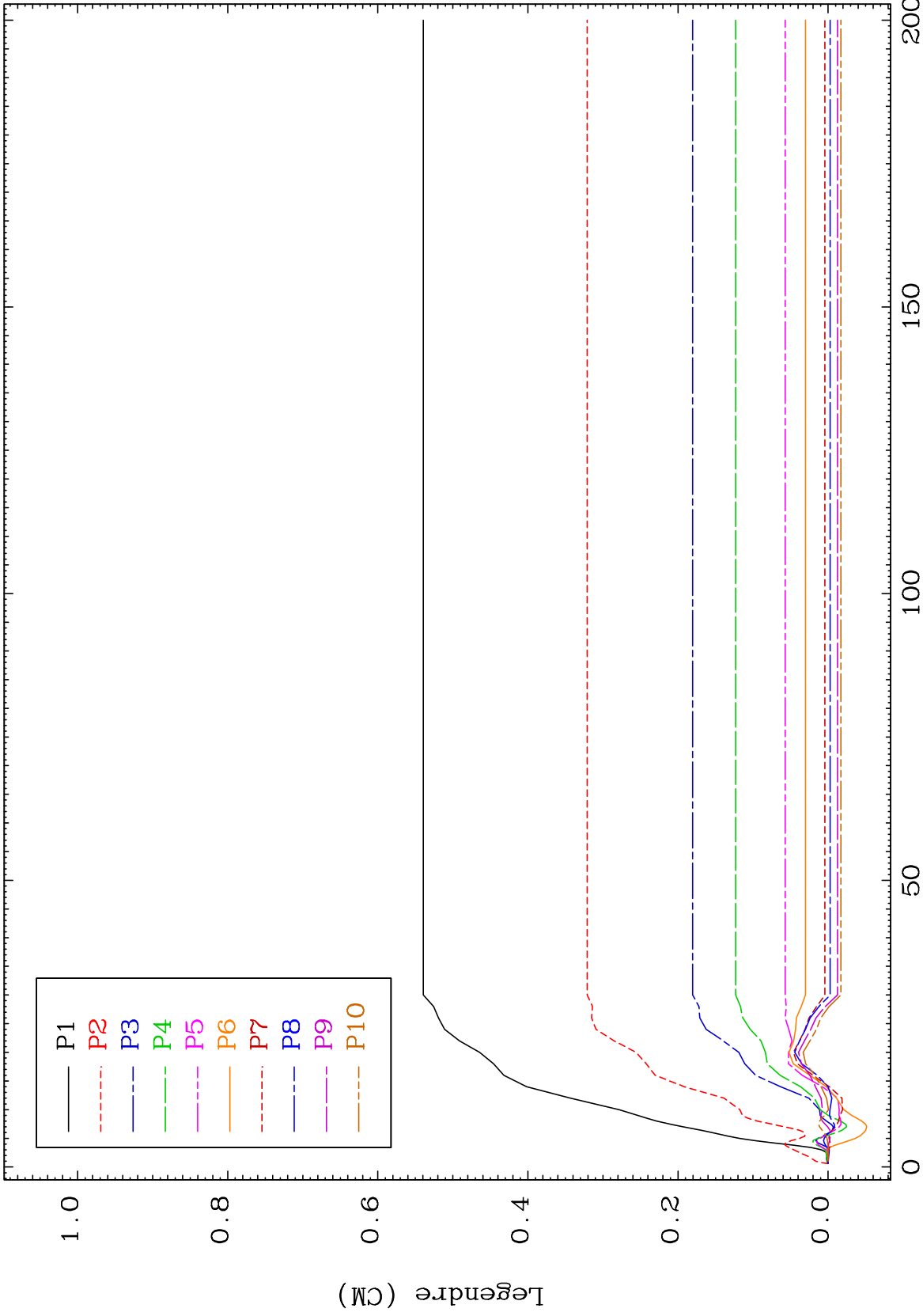


67 77-Ir-191

MAT 7725

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

77-Ir-191



68

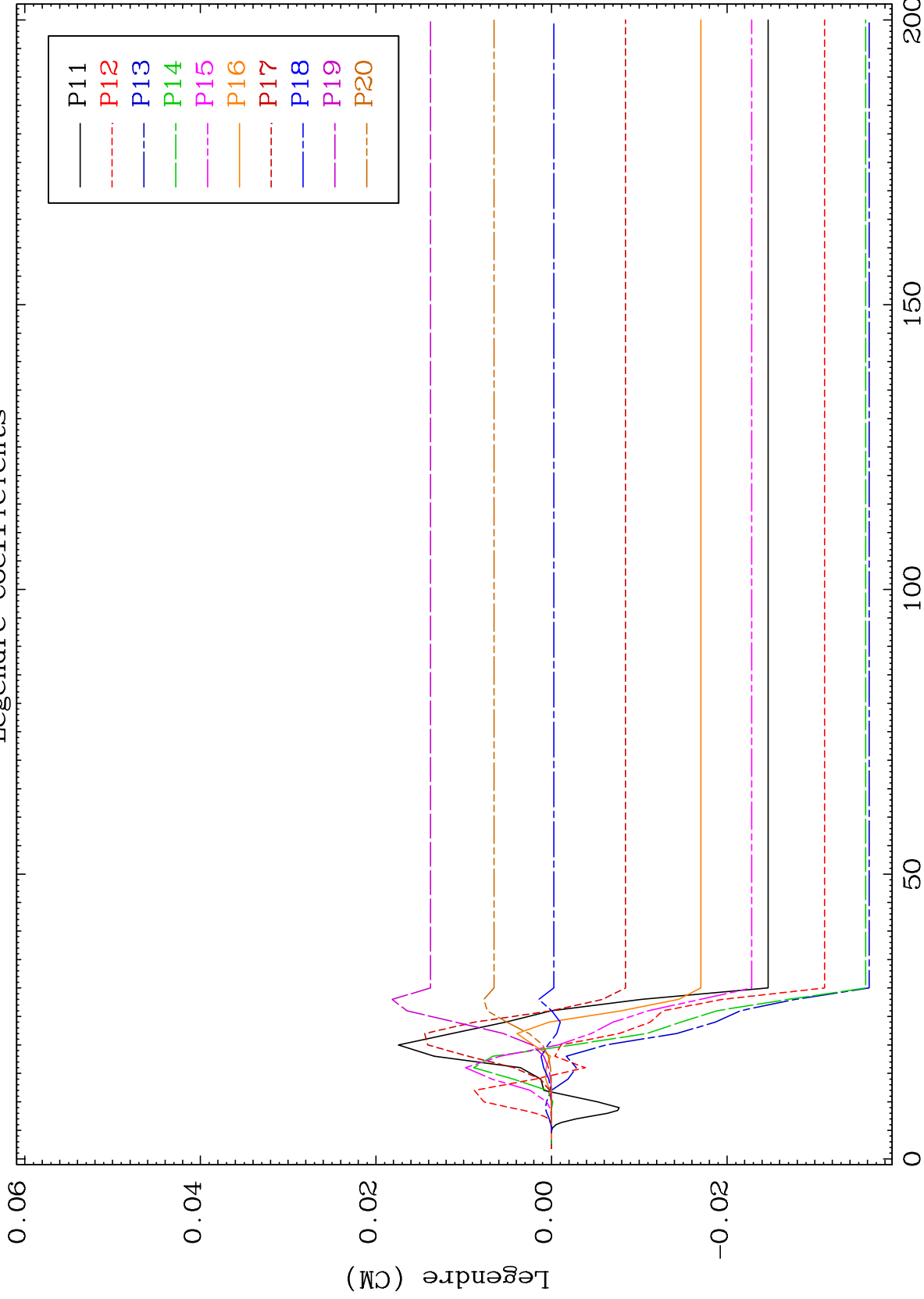
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



69

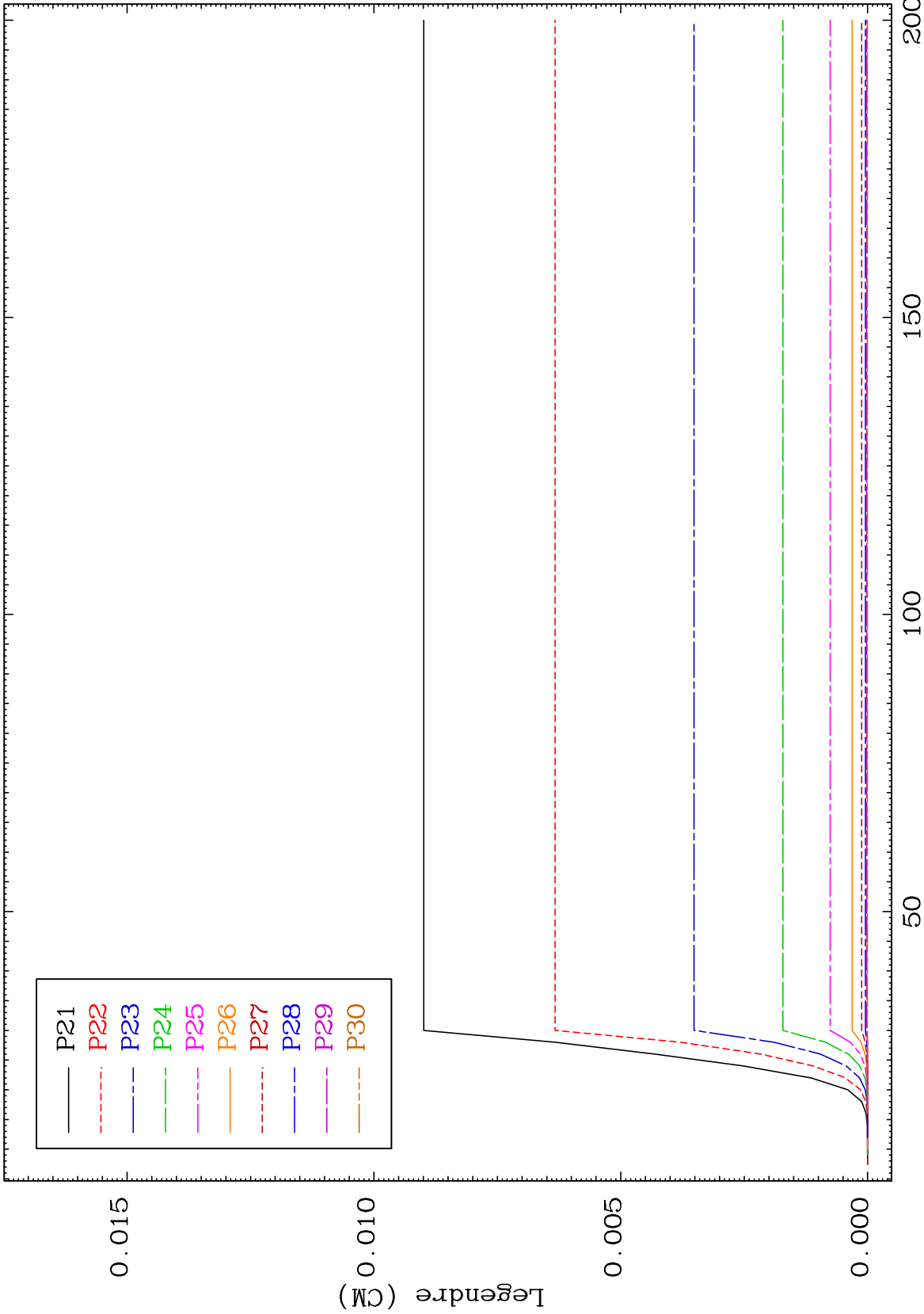
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



70

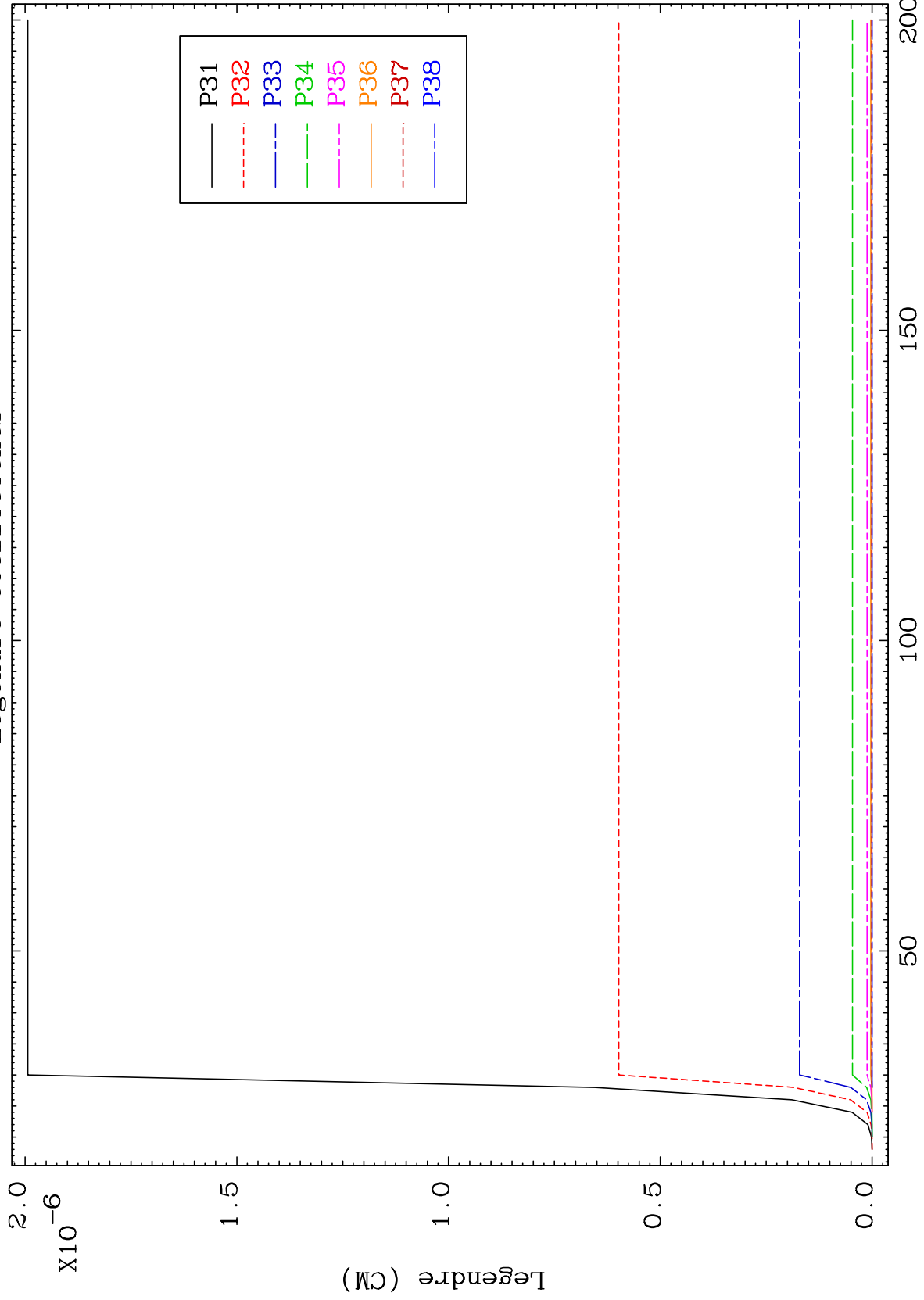
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



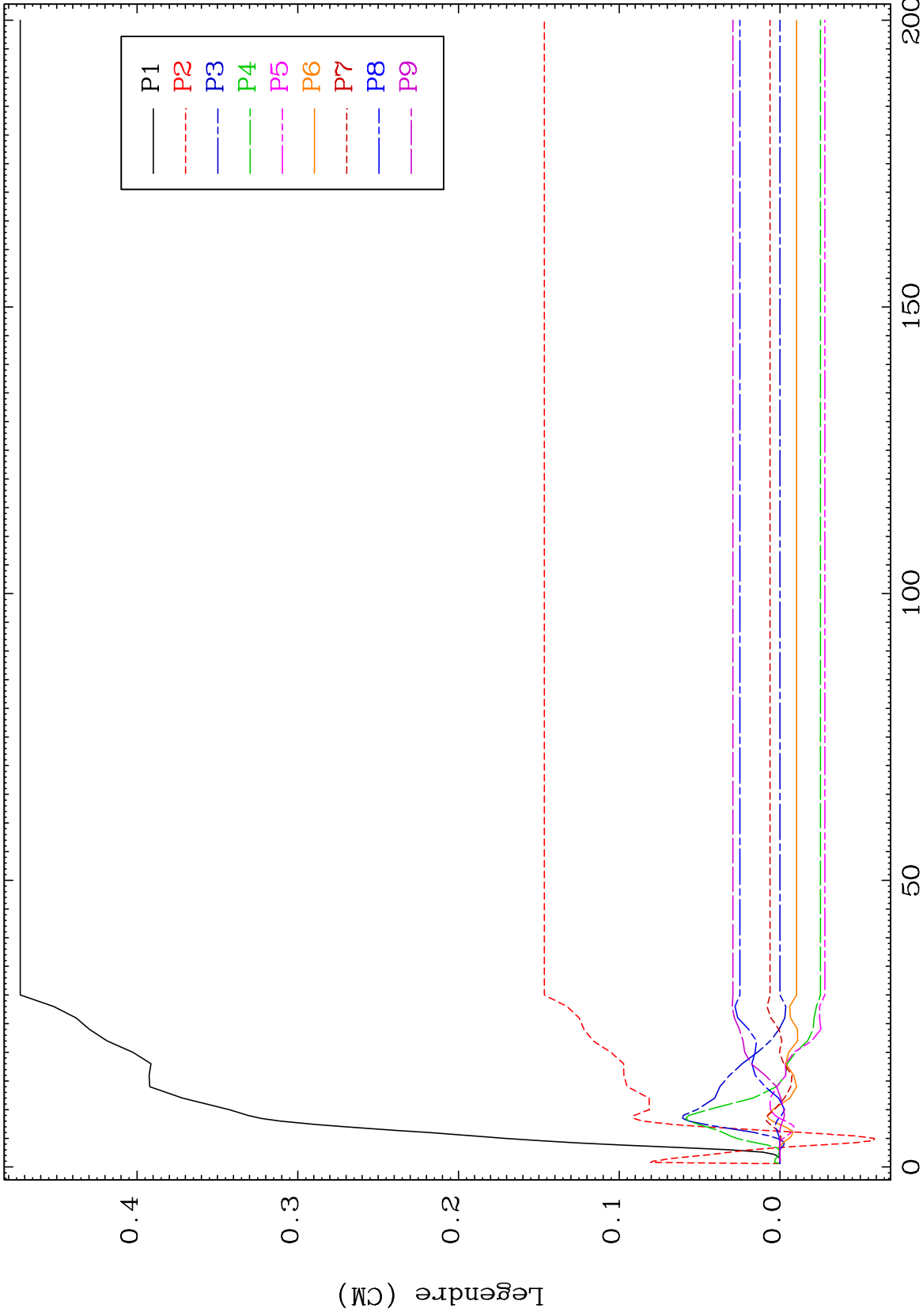
71

77-Ir-191

MAT 7725

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

77-Ir-191



72

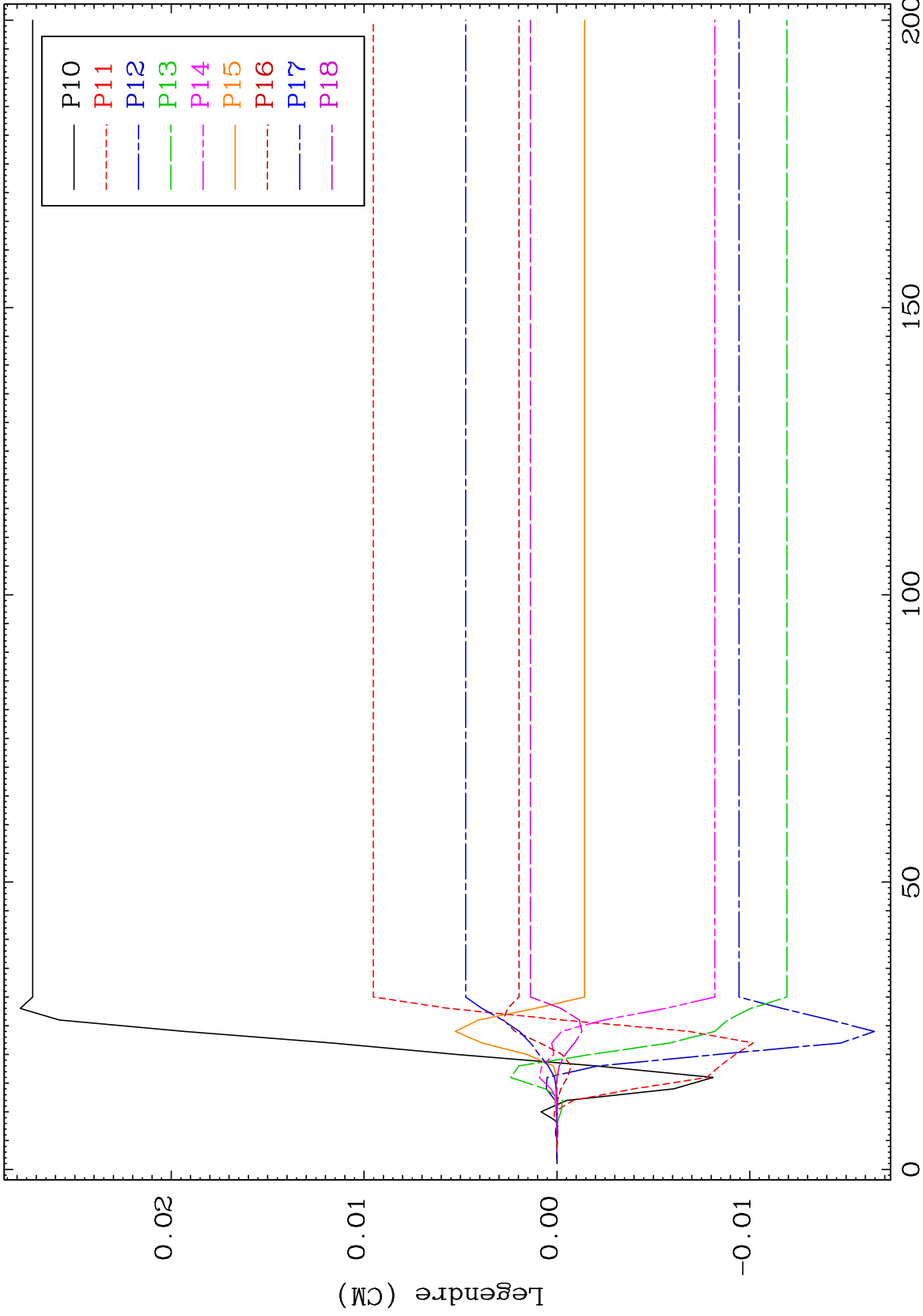
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



73

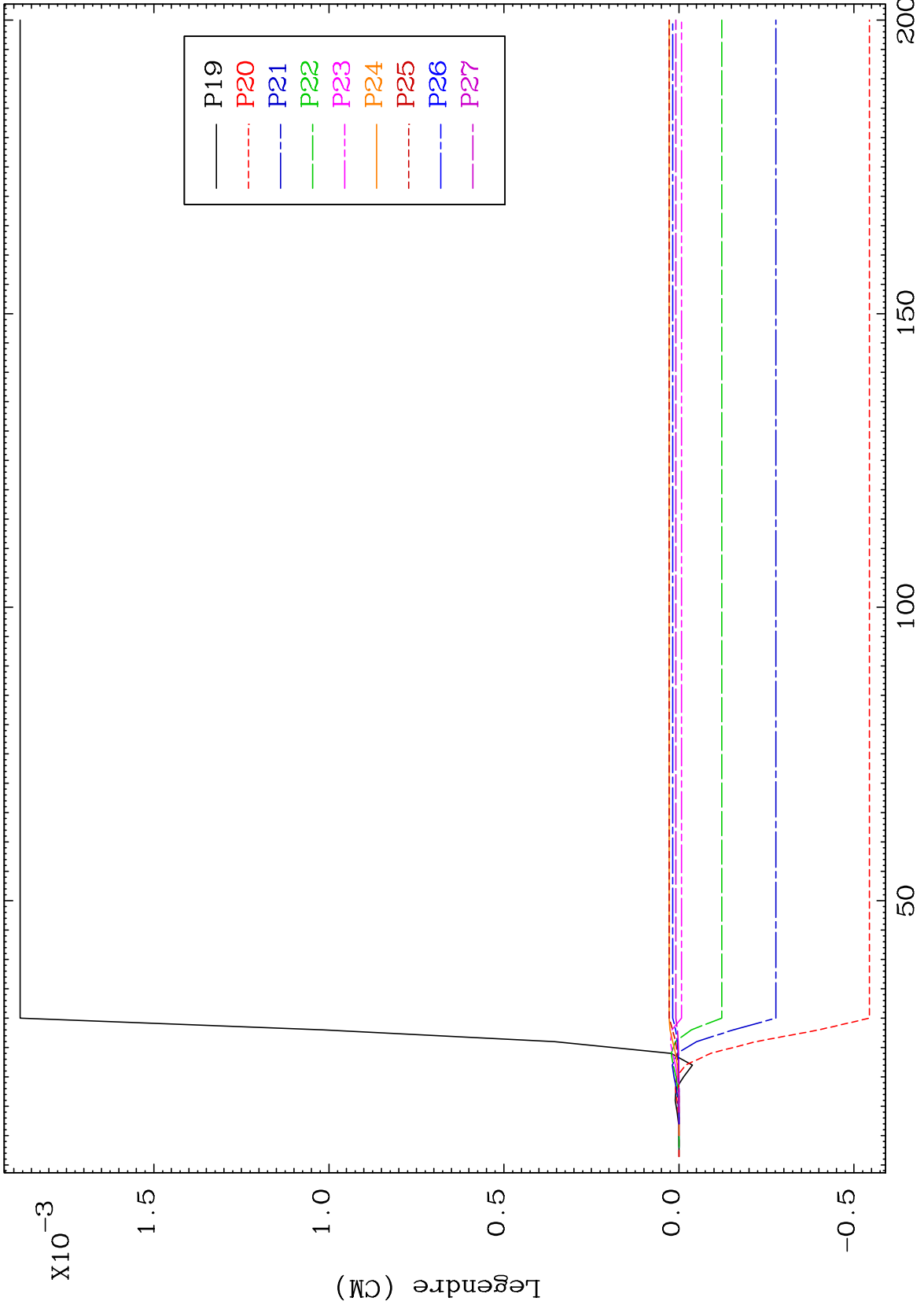
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



74

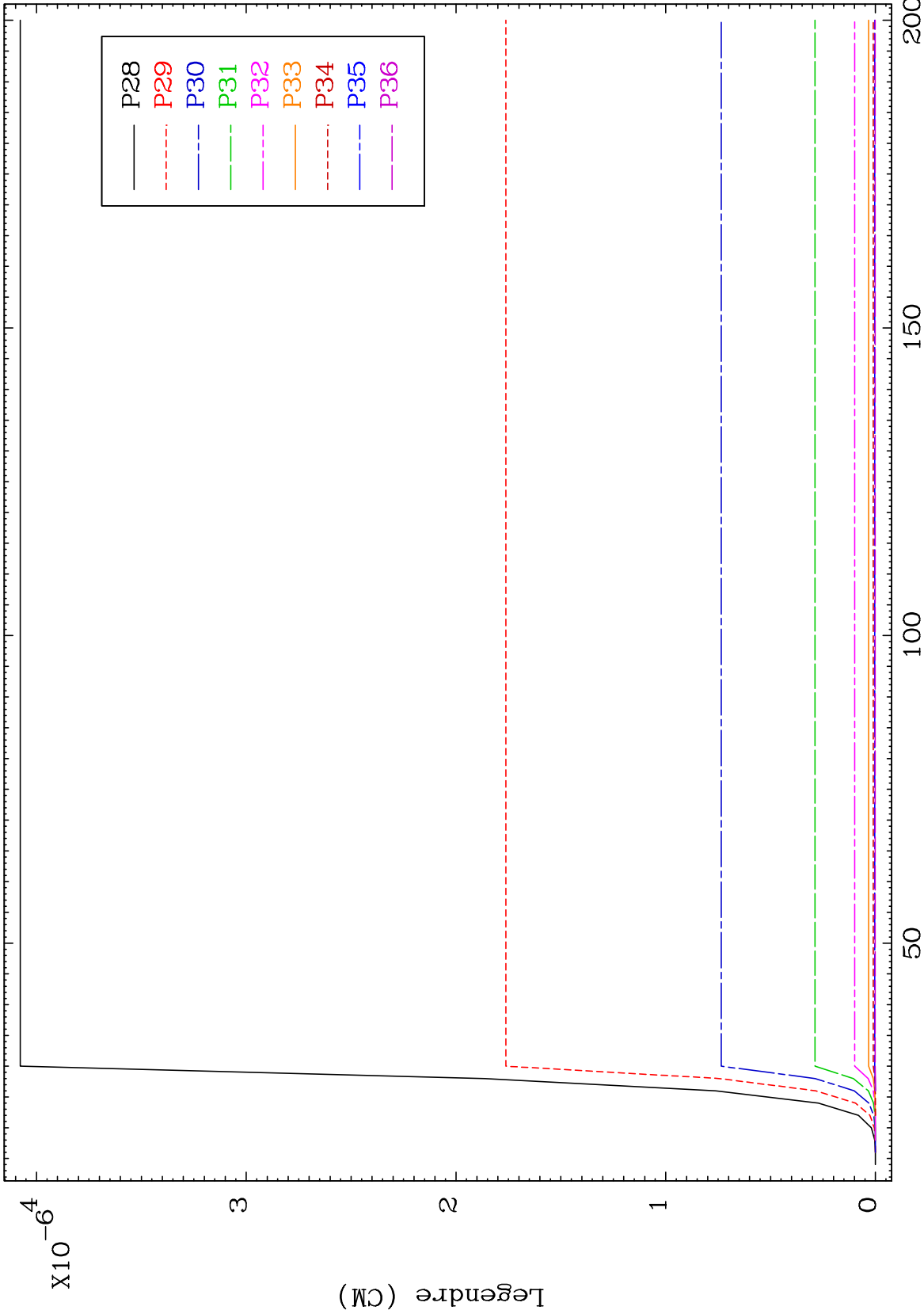
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



75

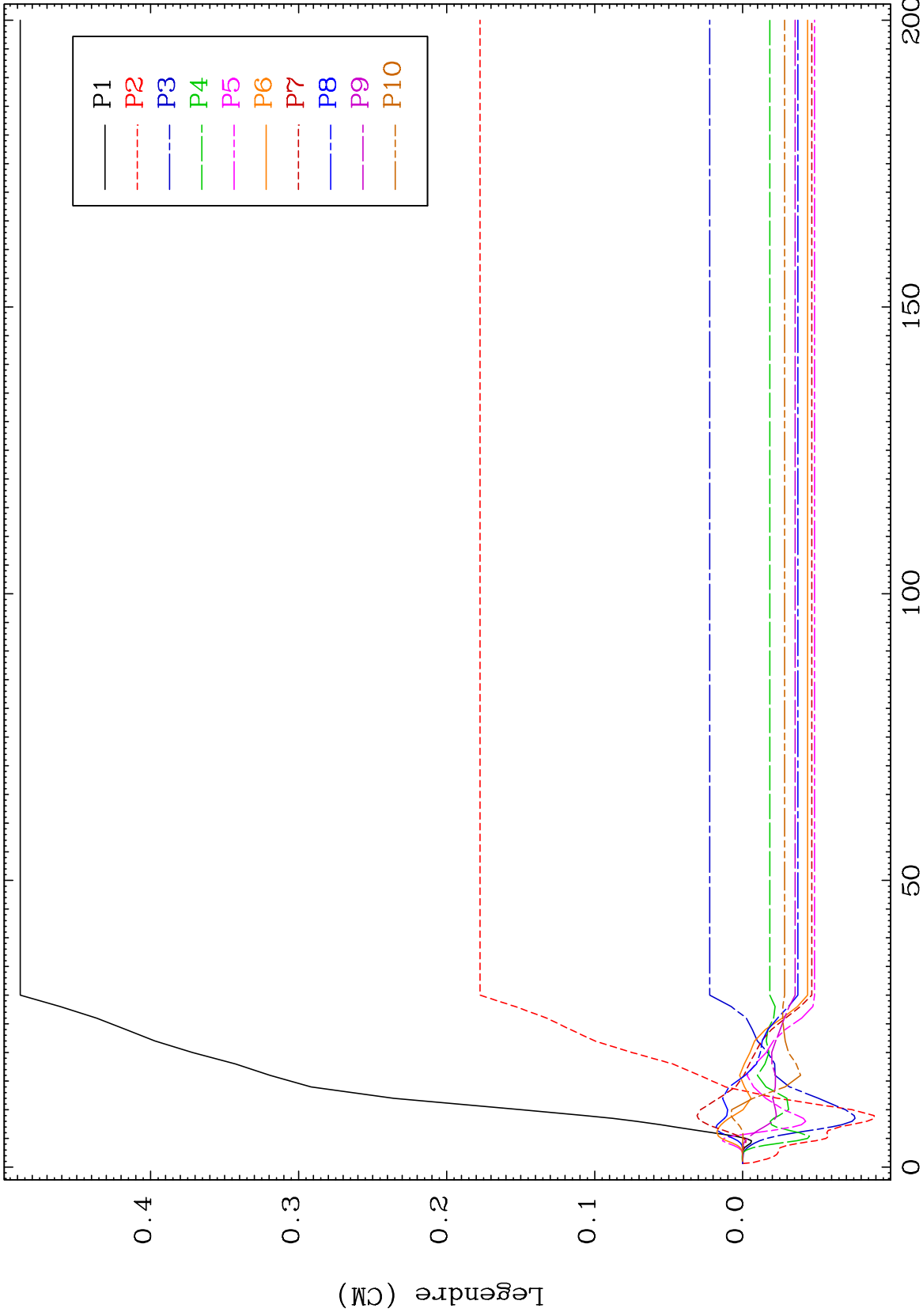
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



76

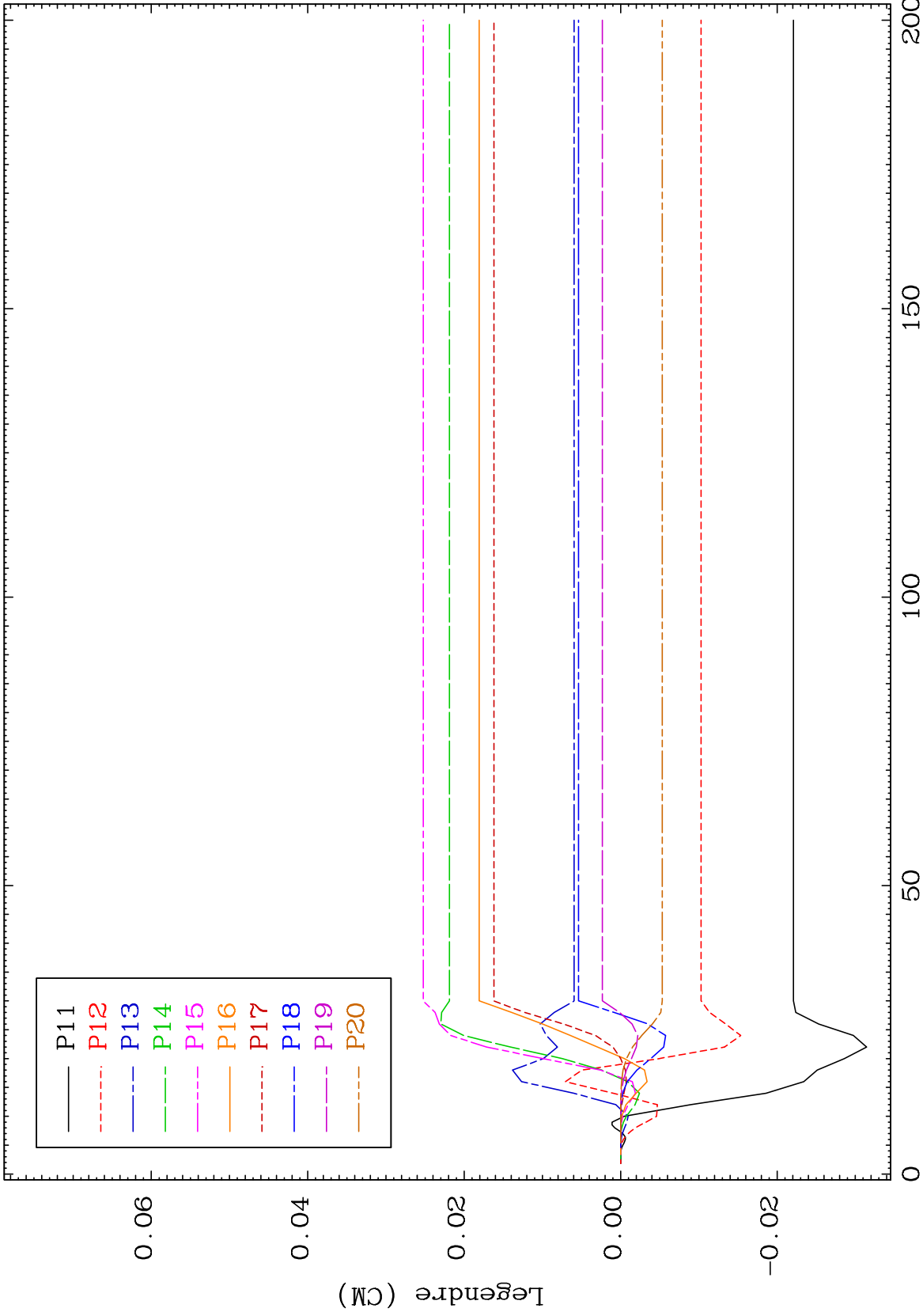
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



77

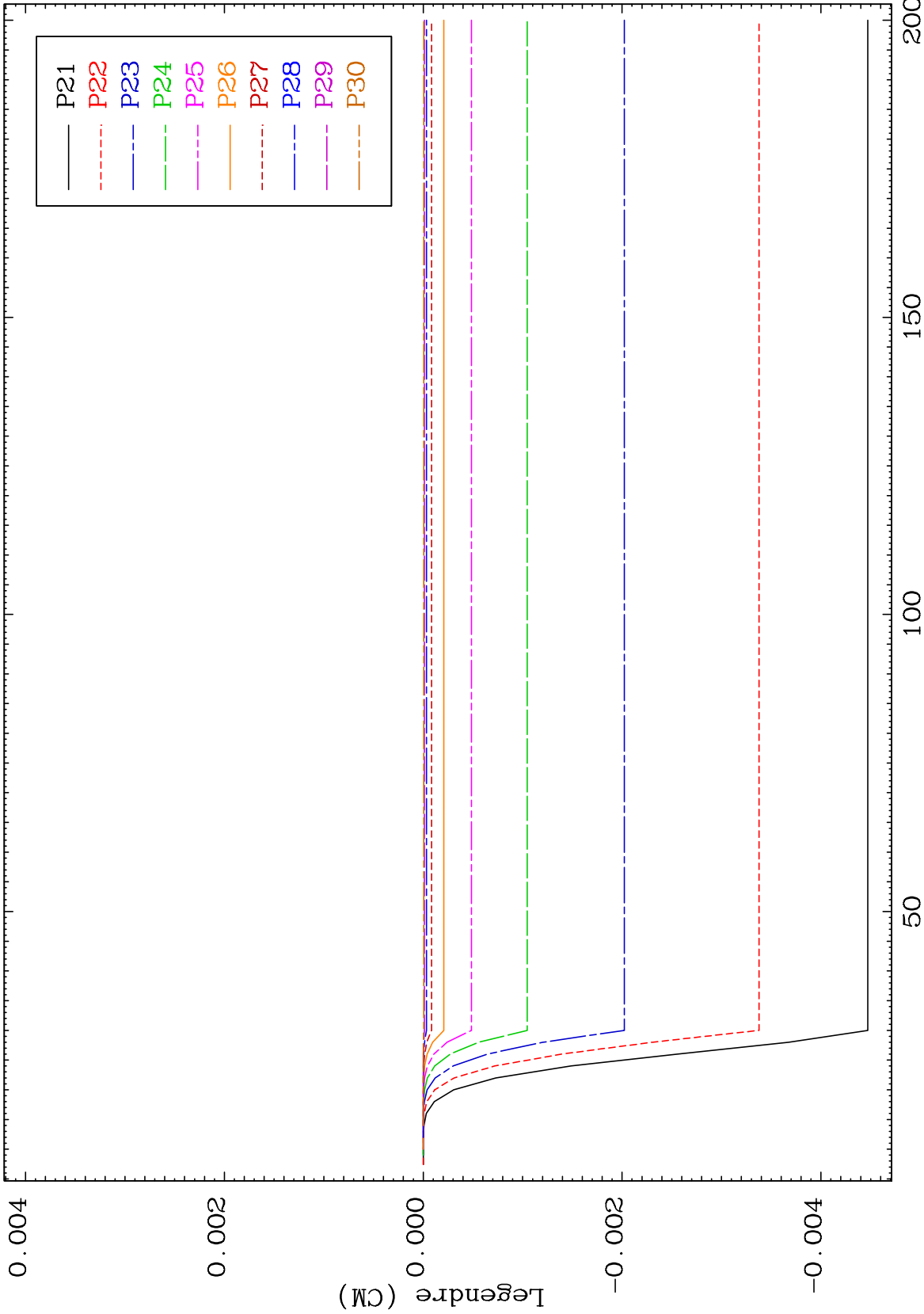
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191

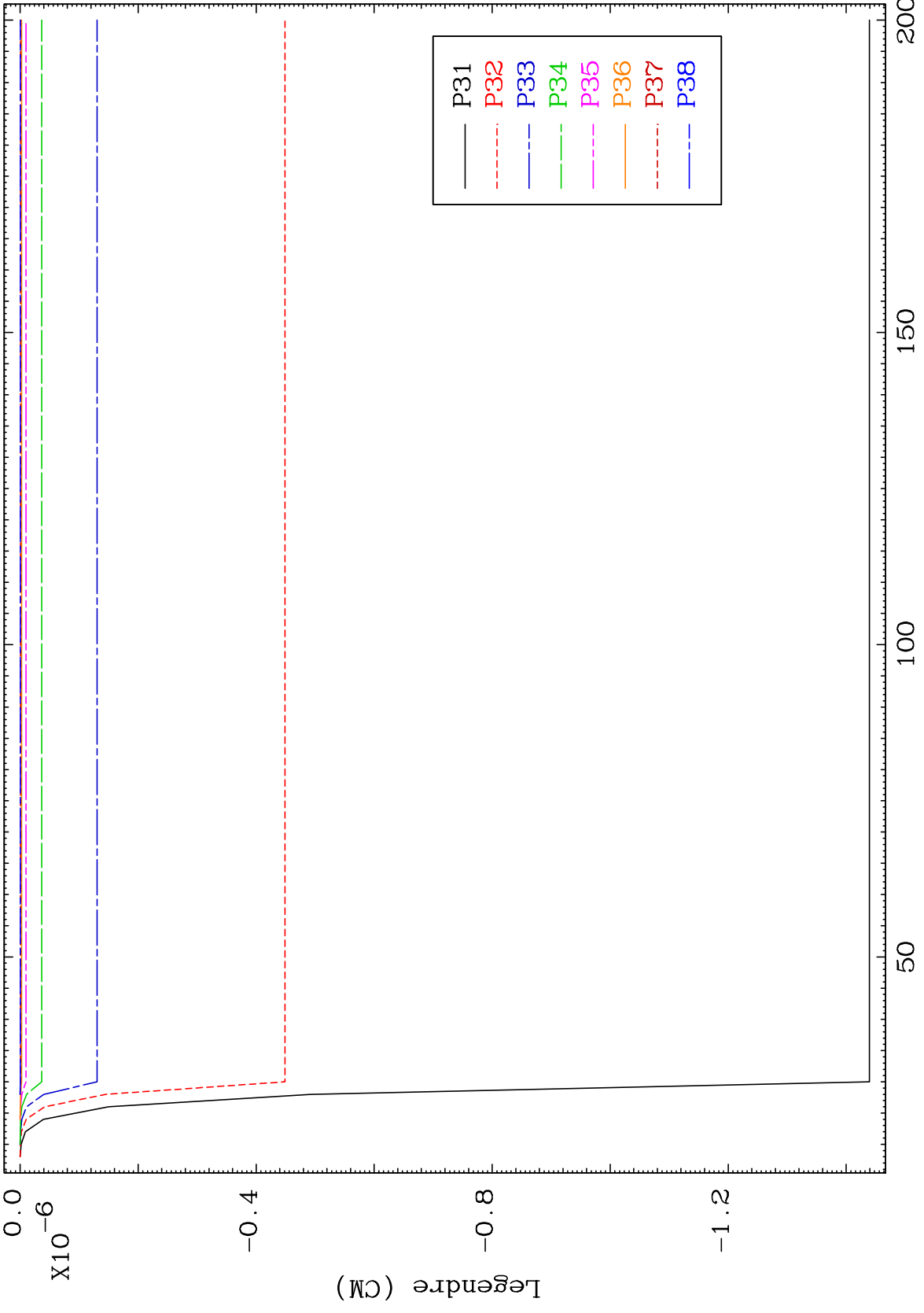


78

Incident Energy (MeV)

77-Ir-191

MAT 7725 MT= 65 (n,n') Level Legendre Coefficients 77-Ir-191

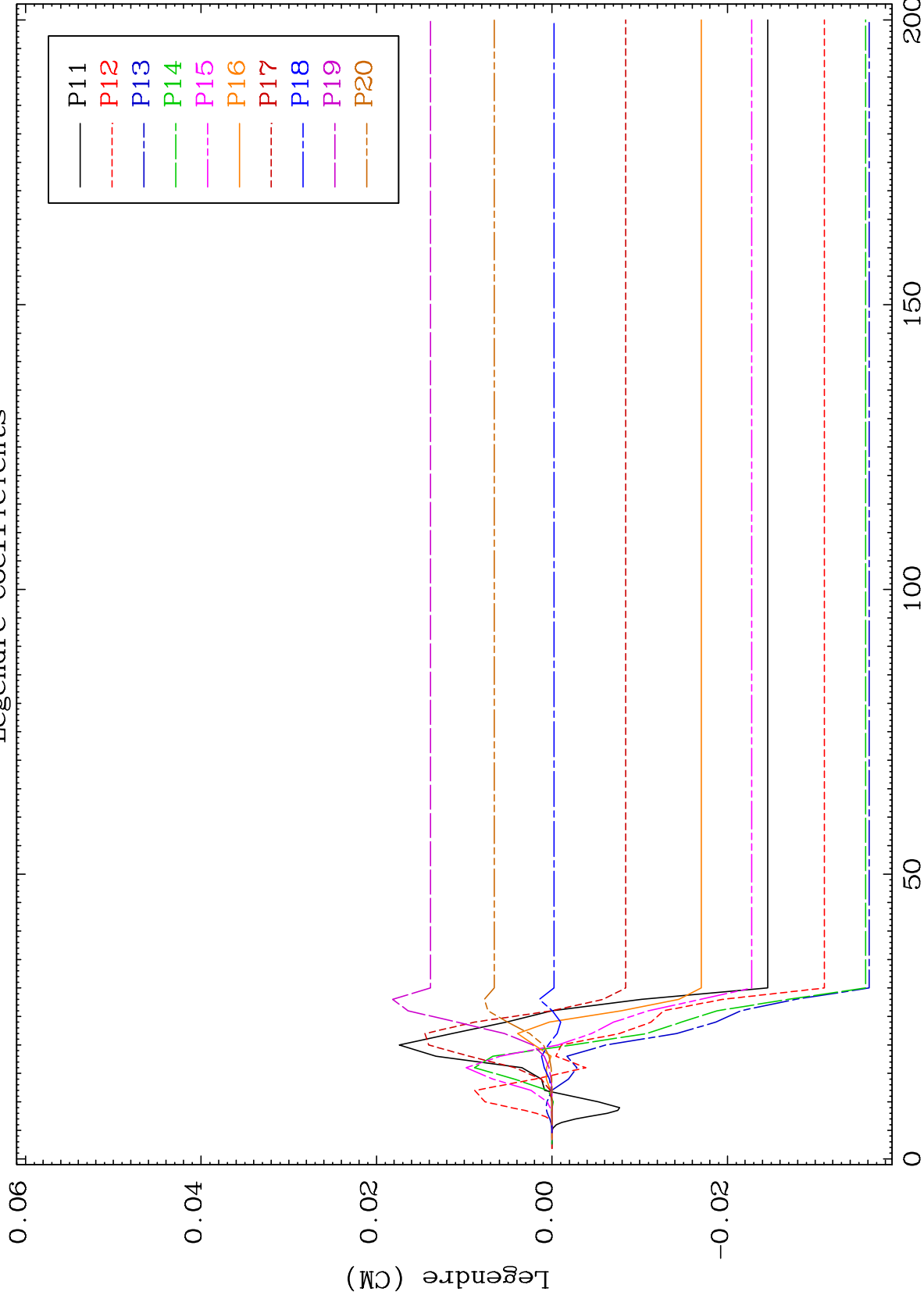


79 77-Ir-191

MAT 7725

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

77-Ir-191



81

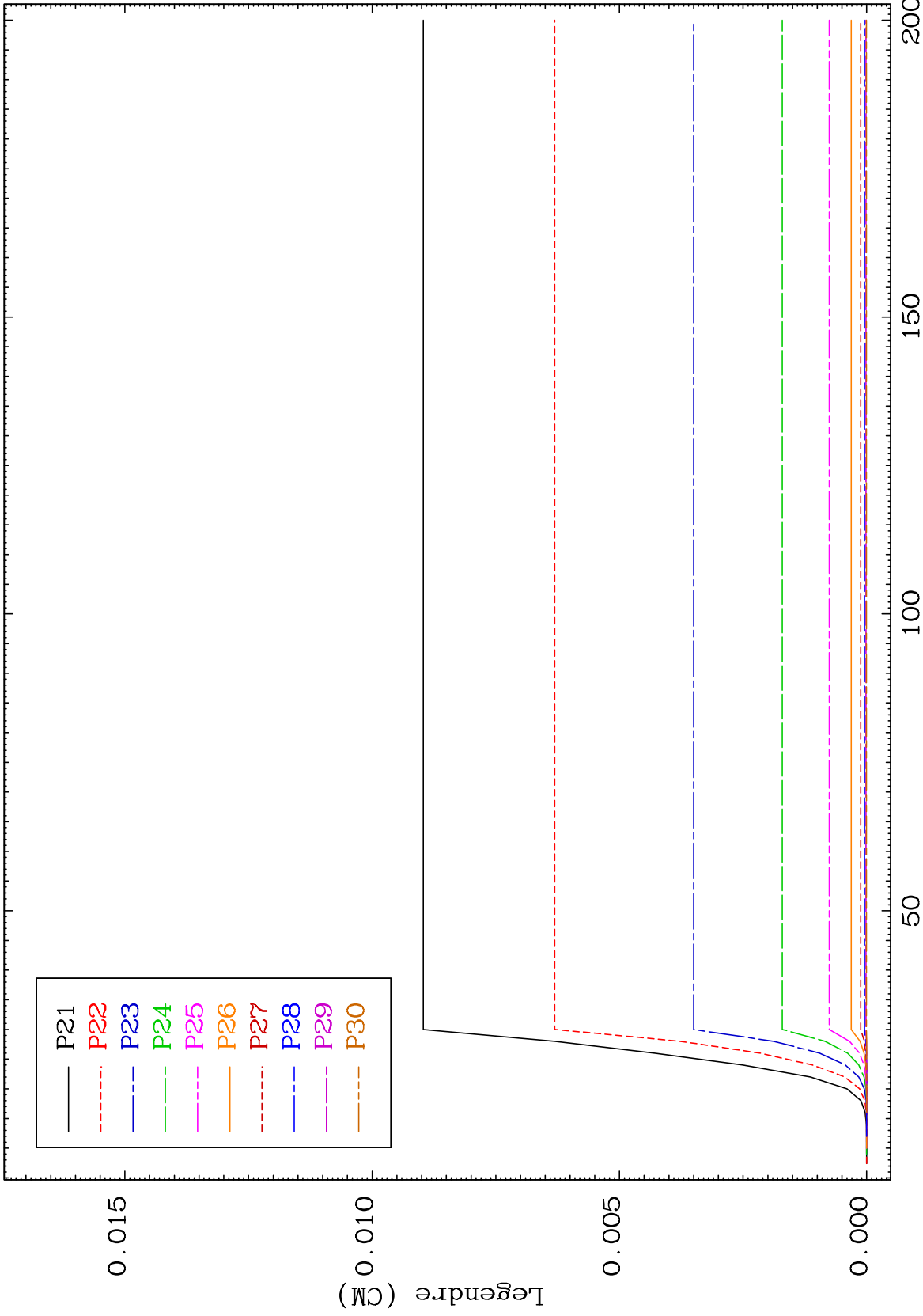
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



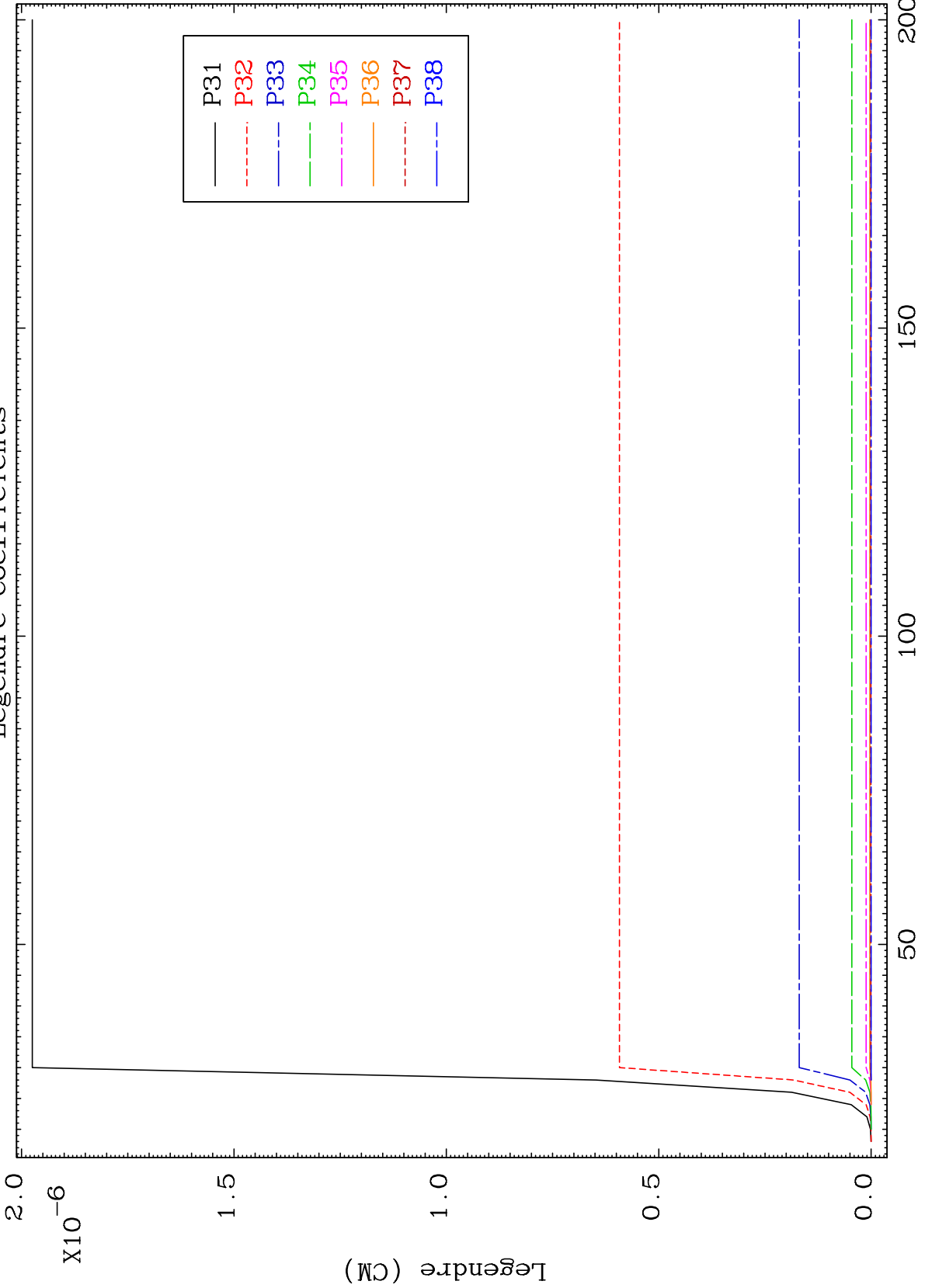
82

77-Ir-191

MAT 7725

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

77-Ir-191



83

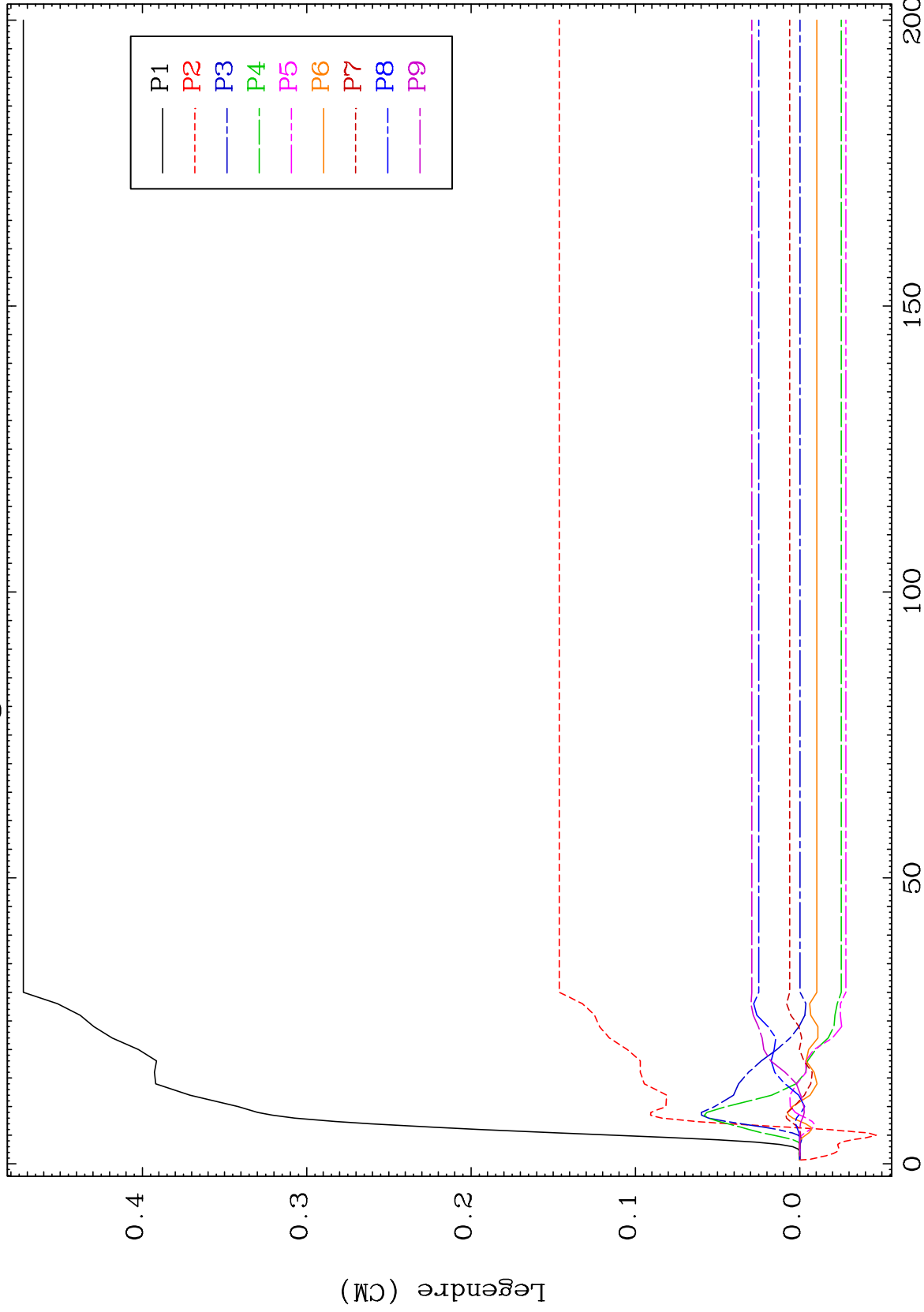
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191

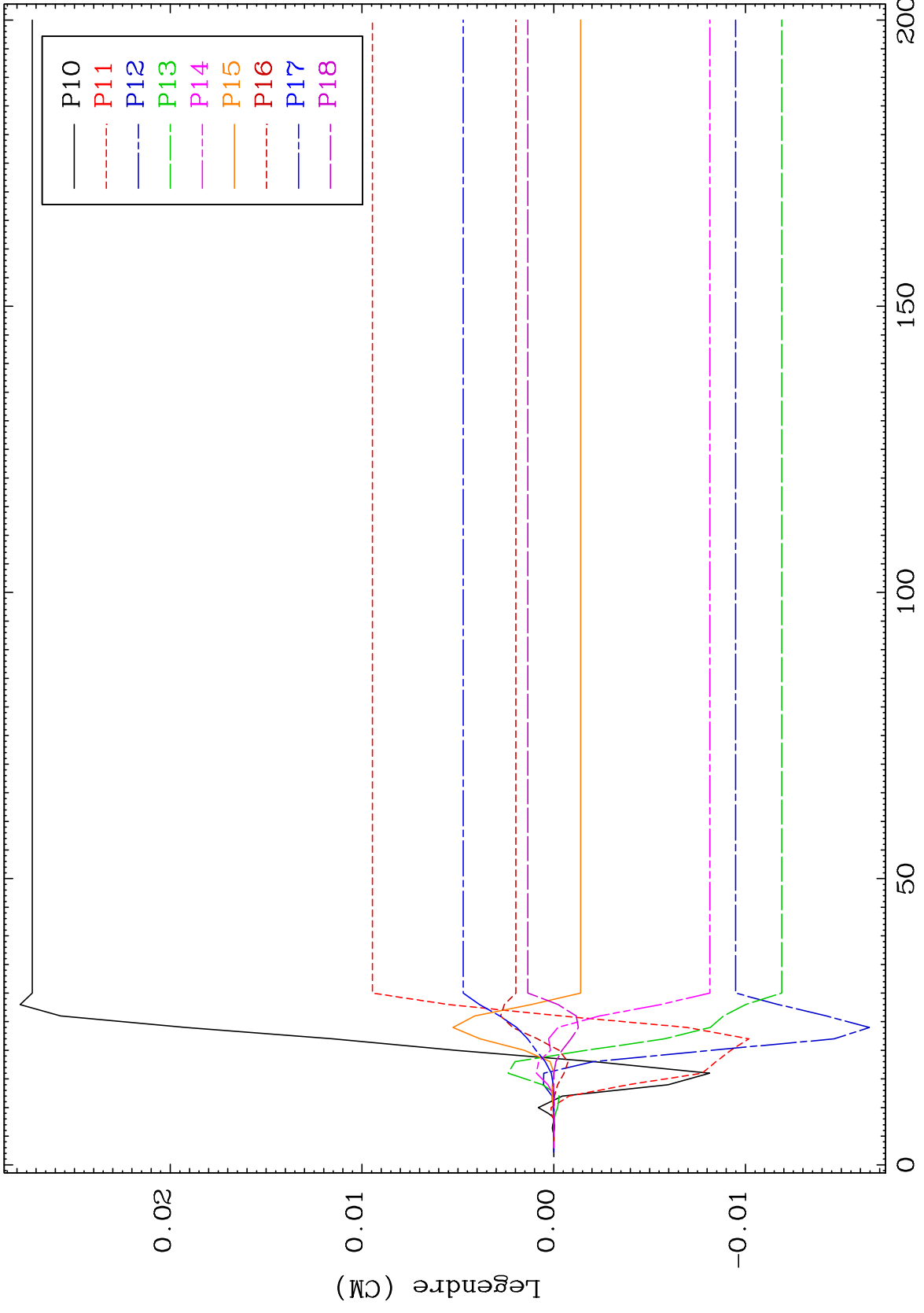


84

Incident Energy (MeV)

77-Ir-191

MAT 7725 MT= 67 (n,n') Level Legendre Coefficients 77-Ir-191

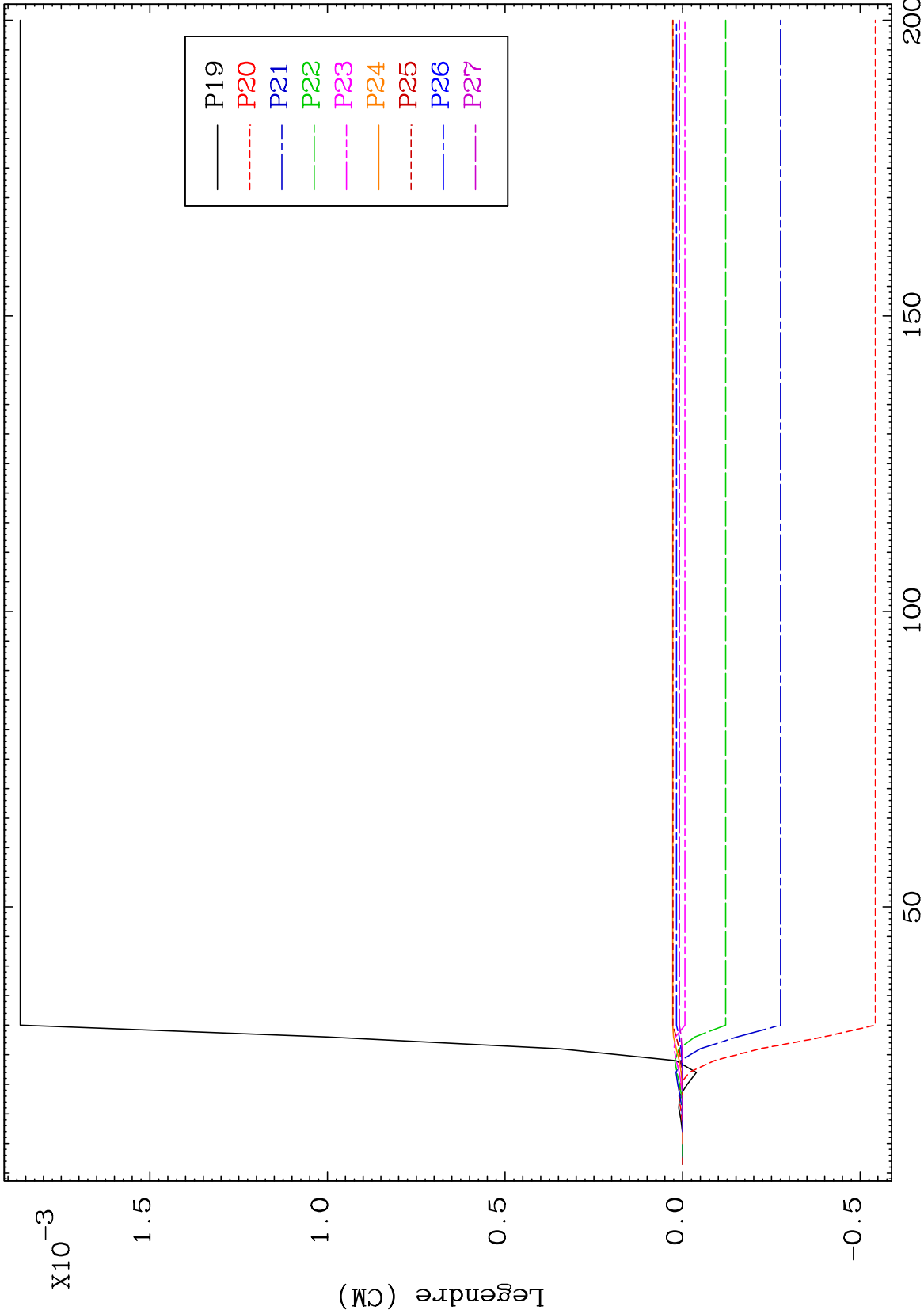


85 77-Ir-191

MAT 7725

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

77-Ir-191



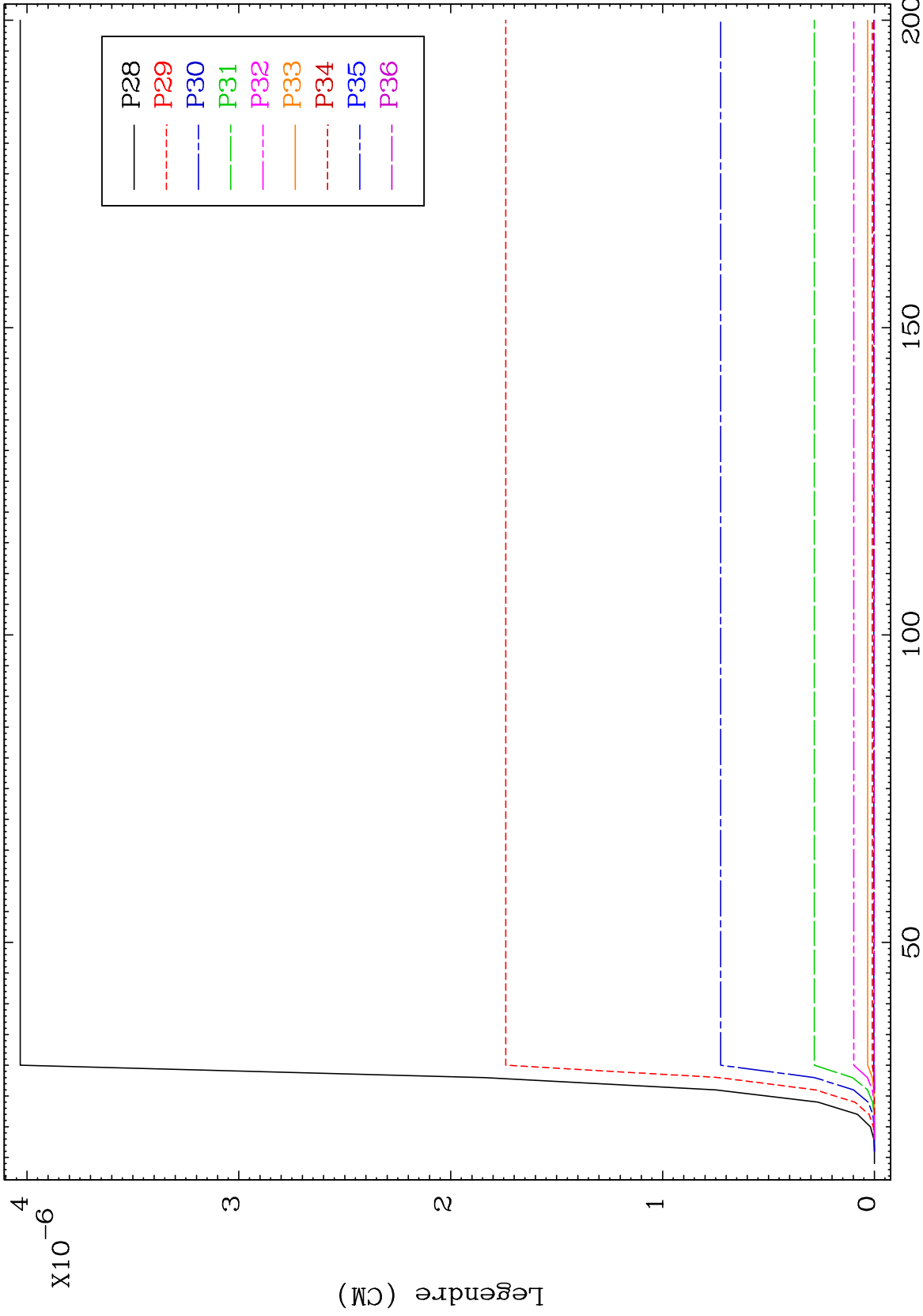
86

77-Ir-191

MAT 7725

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

77-Ir-191



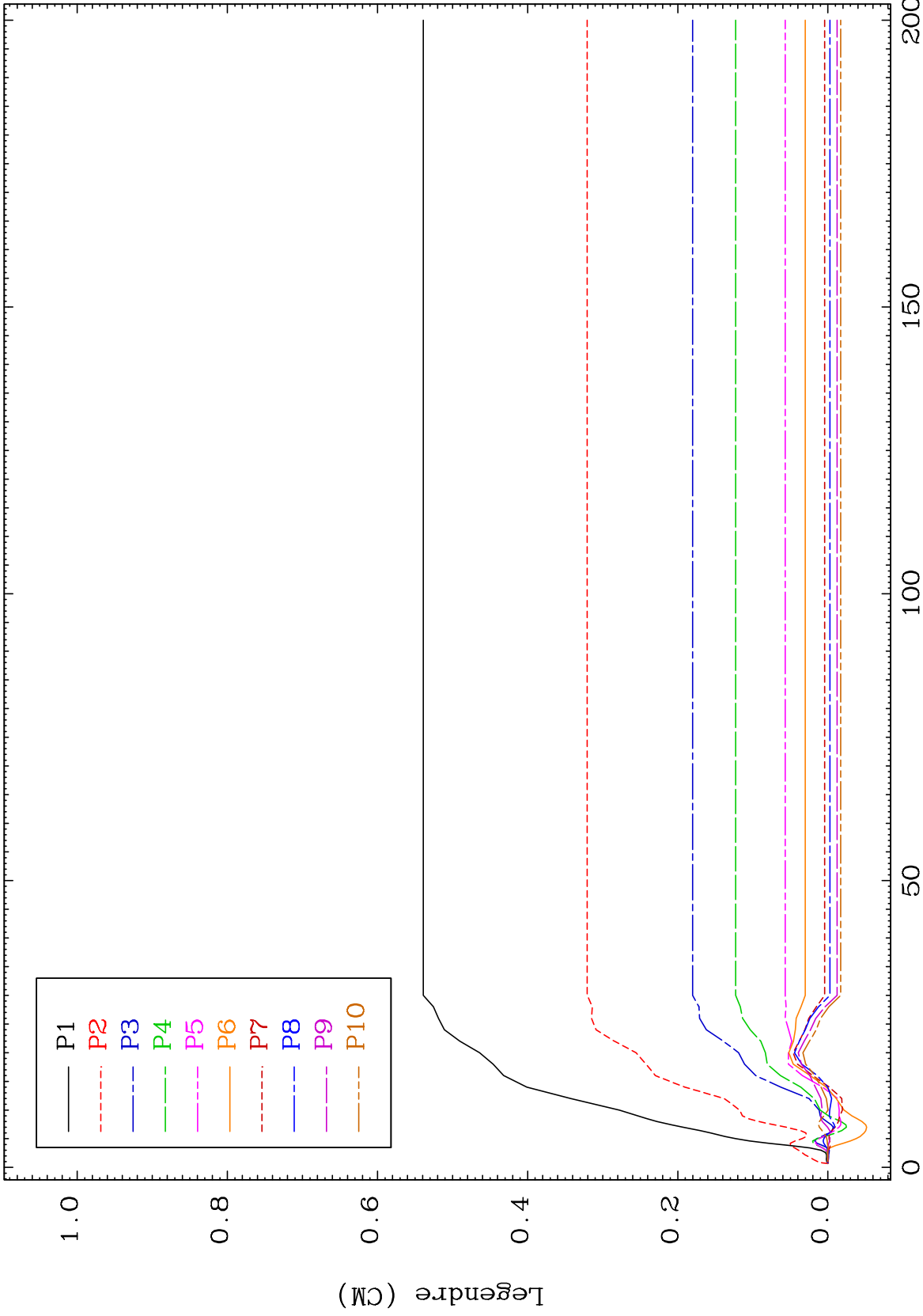
87

77-Ir-191

MAT 7725

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

77-Ir-191



88

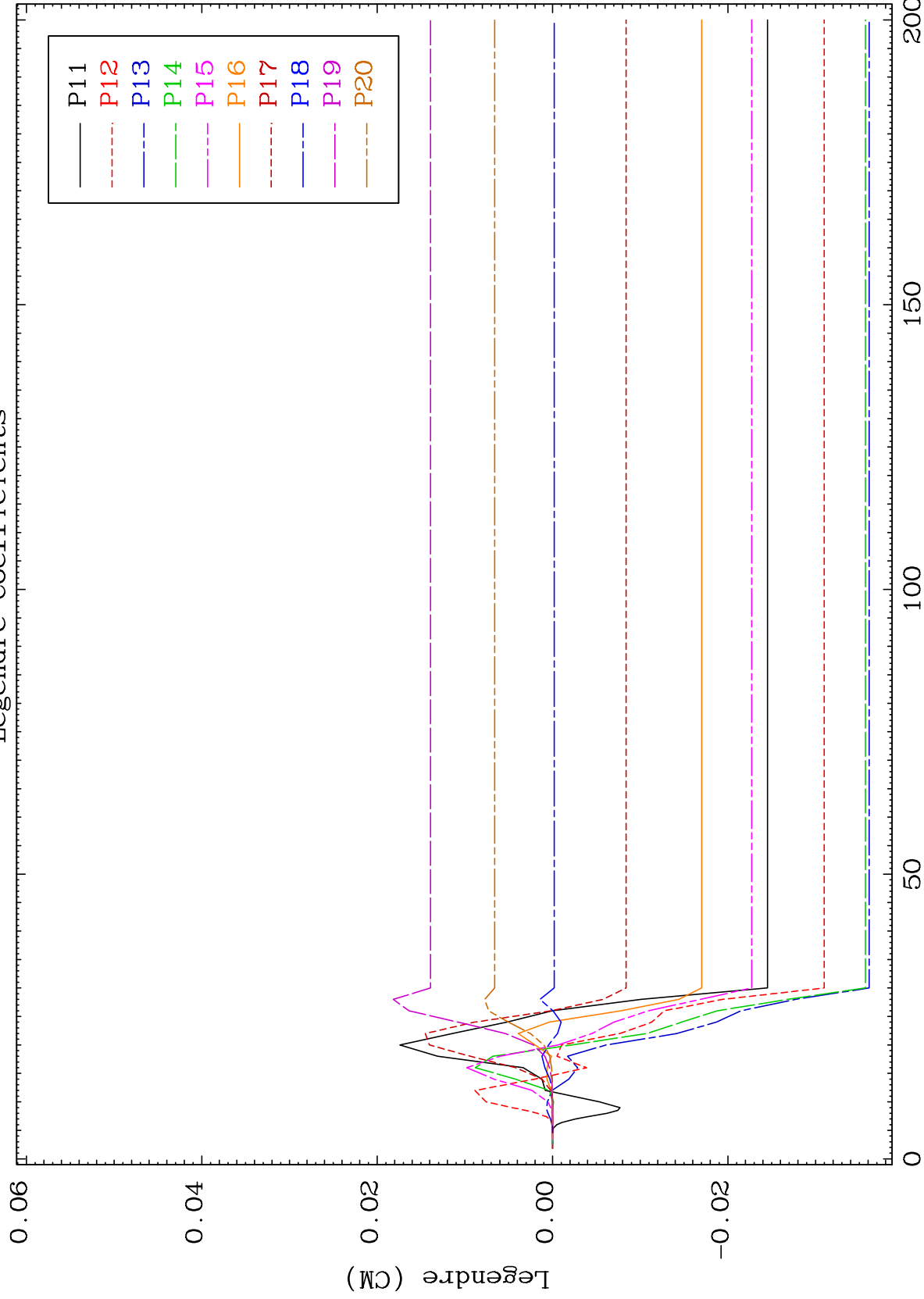
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



89

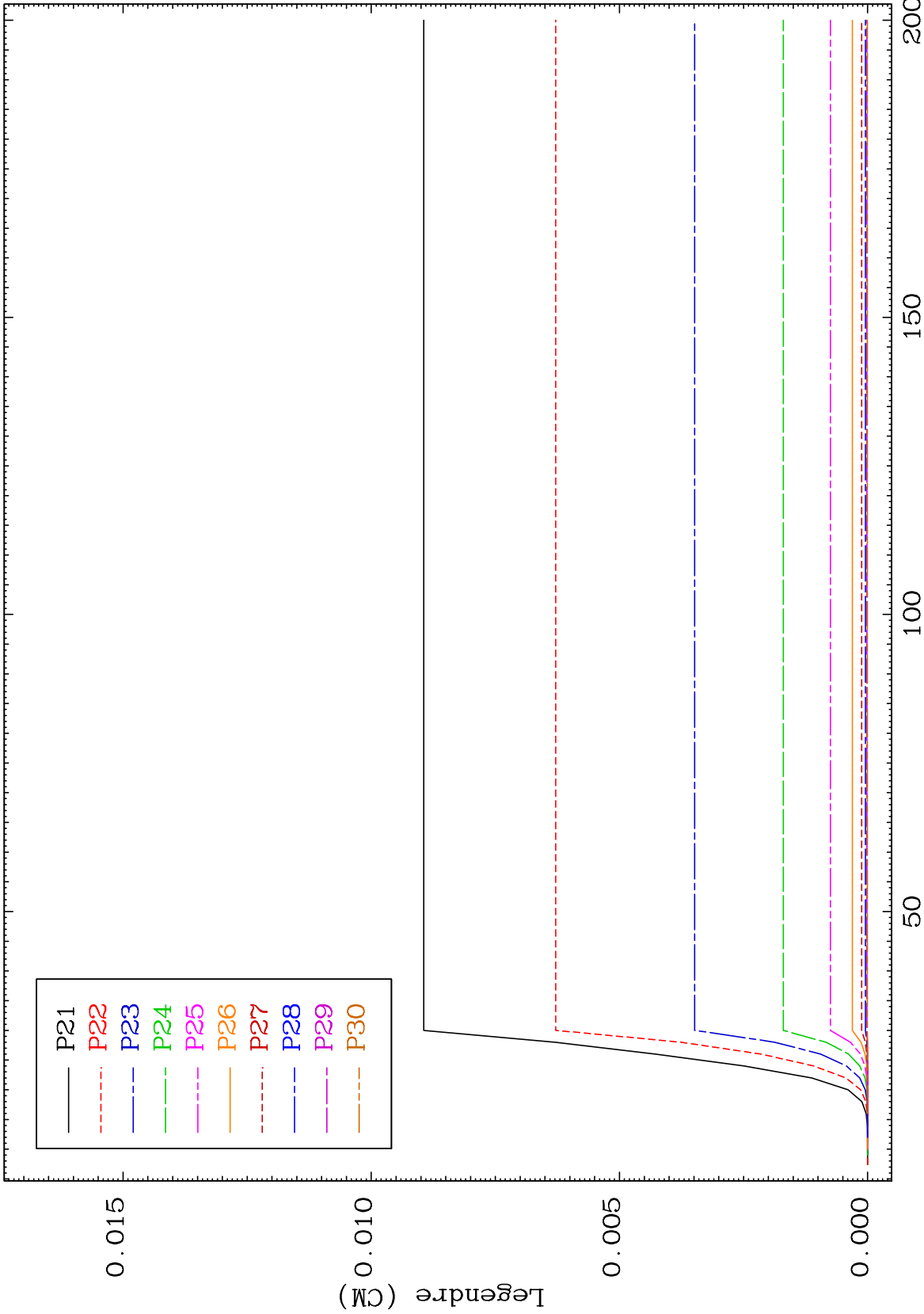
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



90

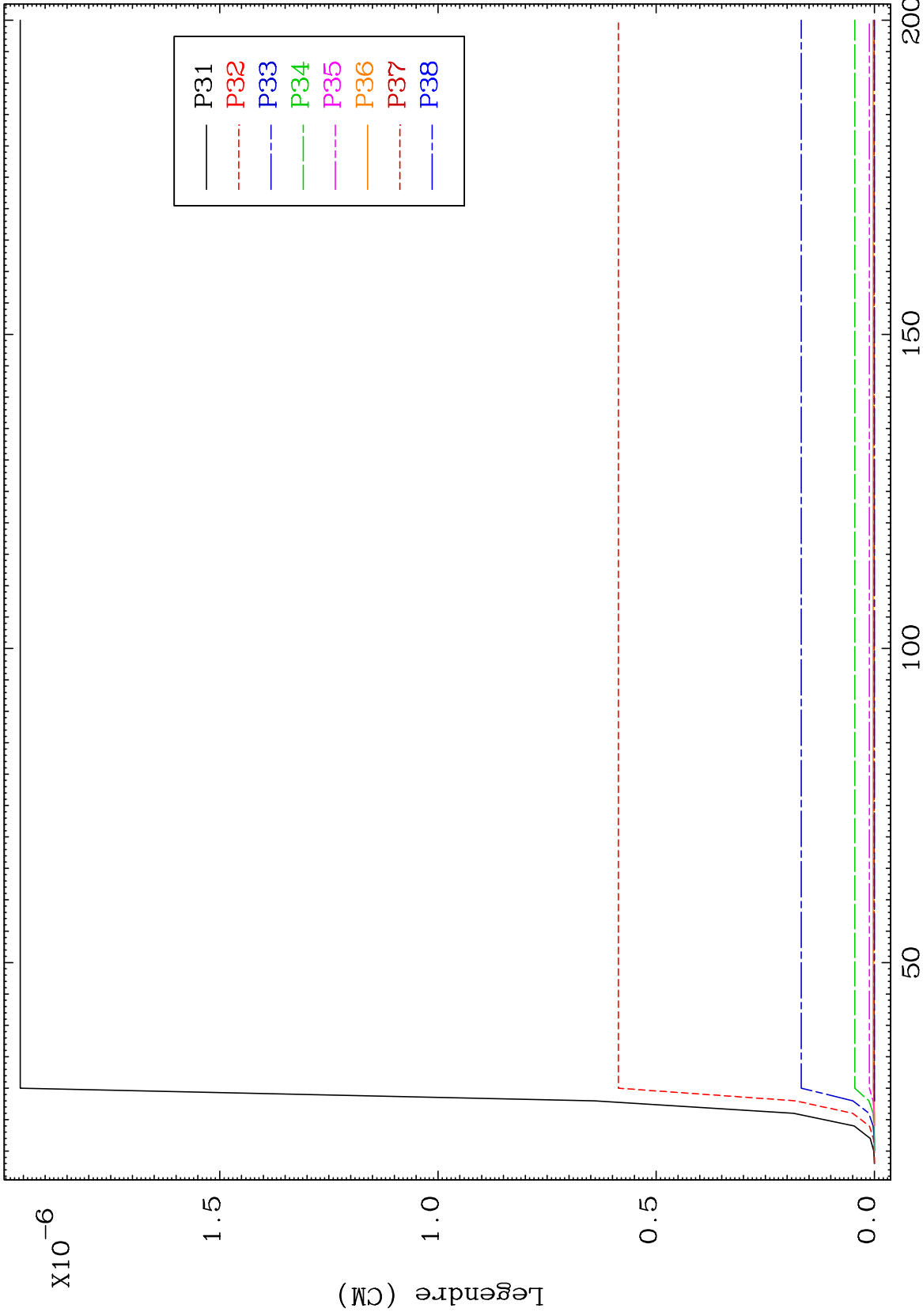
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



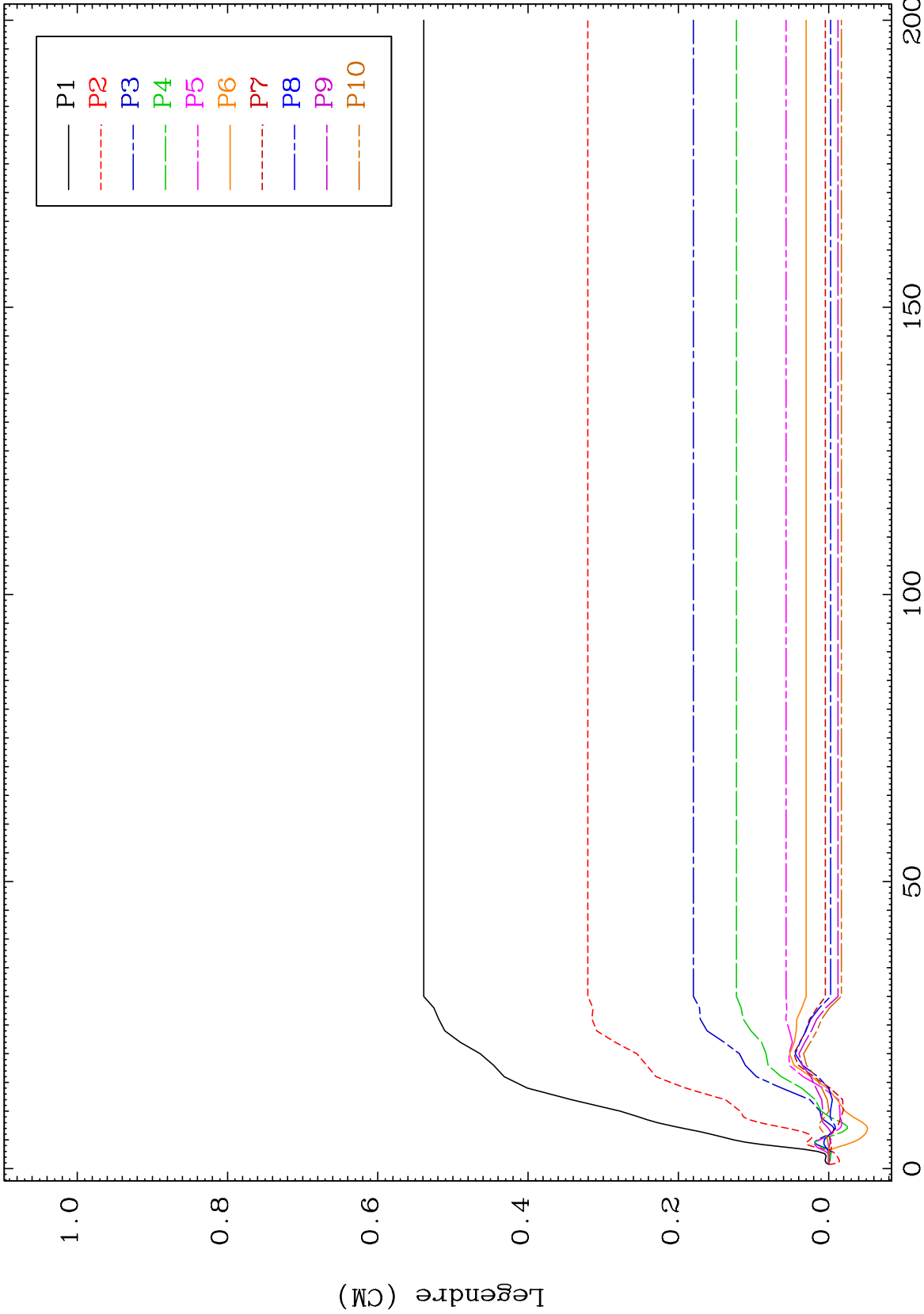
91

77-Ir-191

MAT 7725

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

77-Ir-191



92

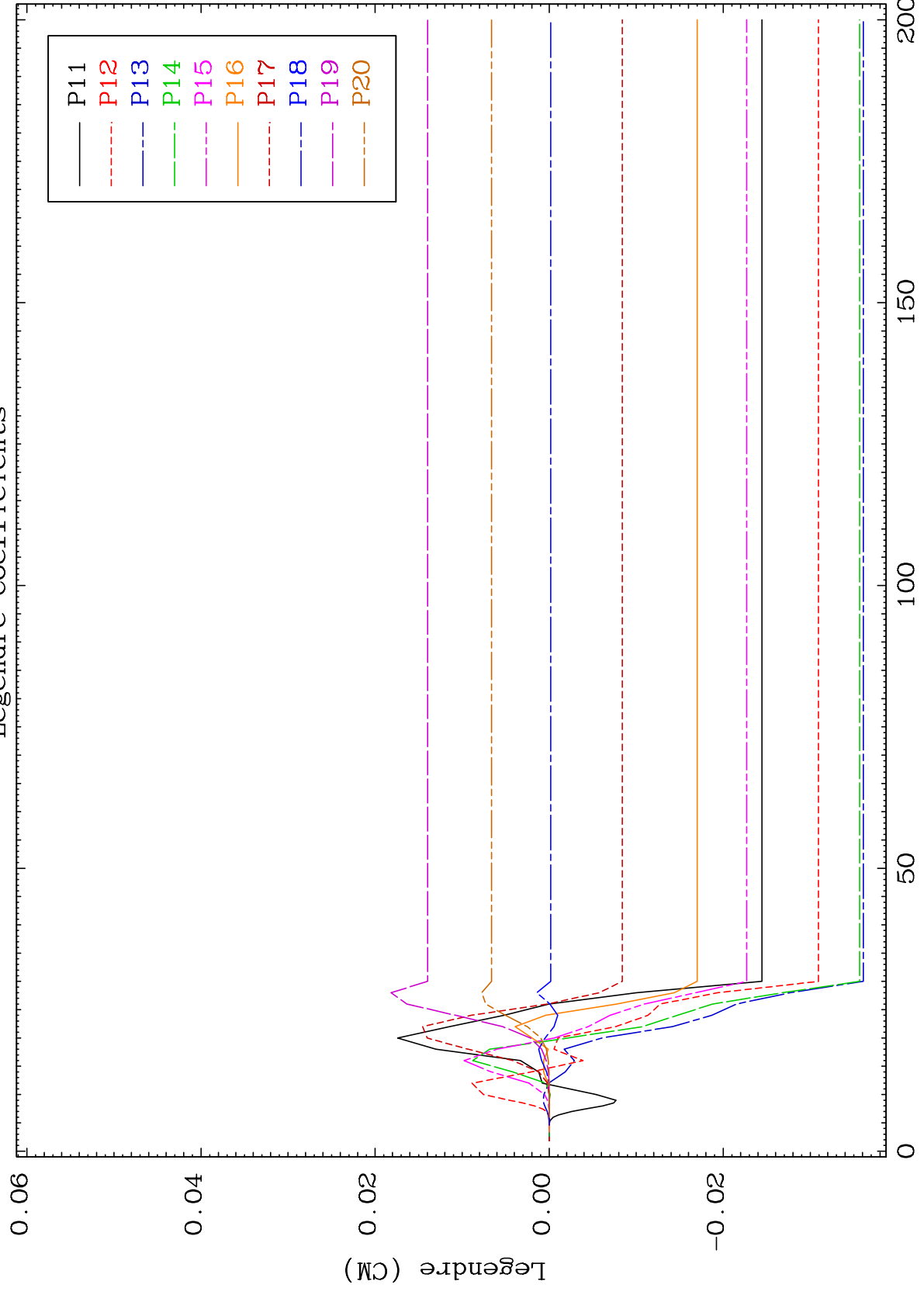
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



93

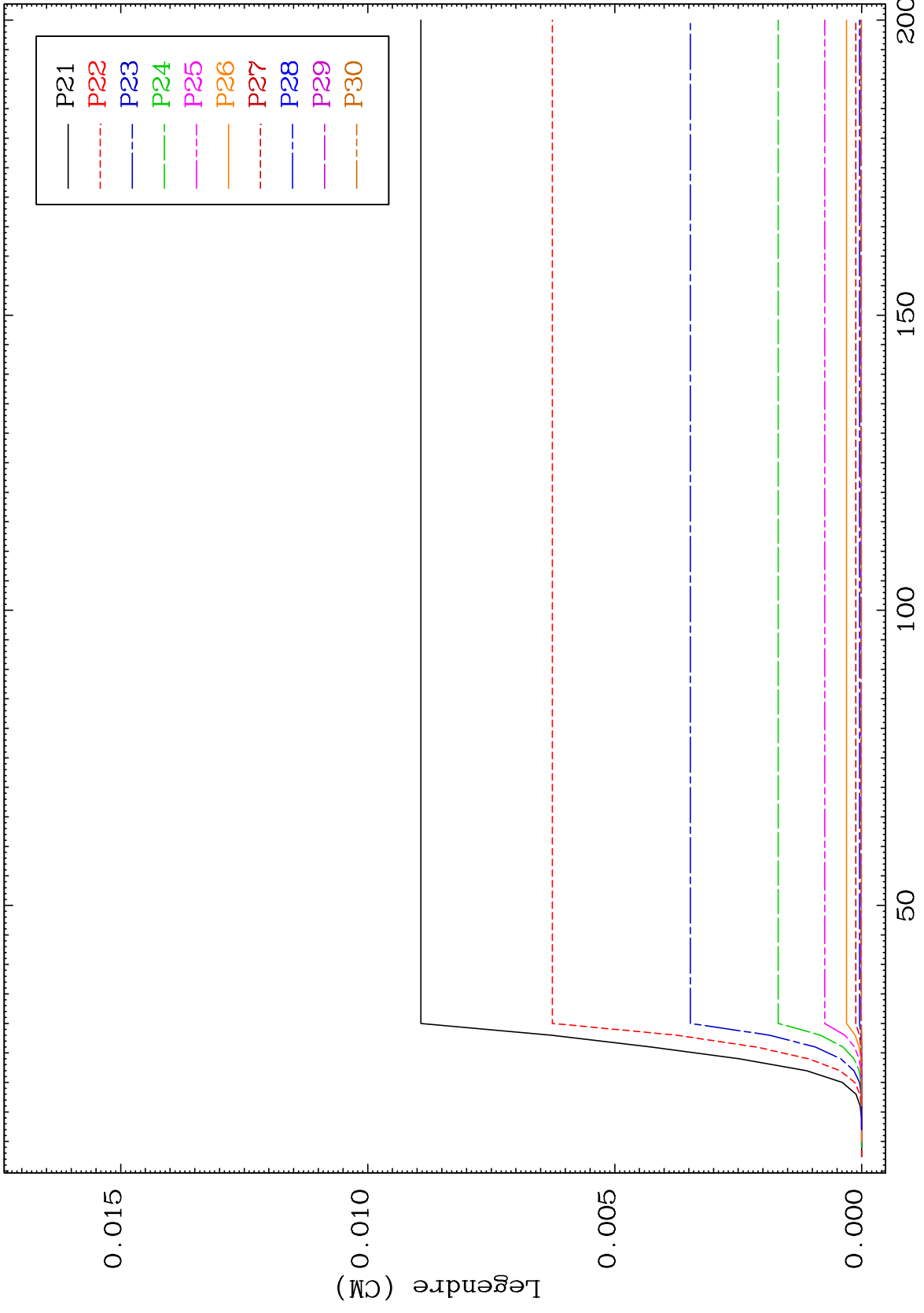
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



94

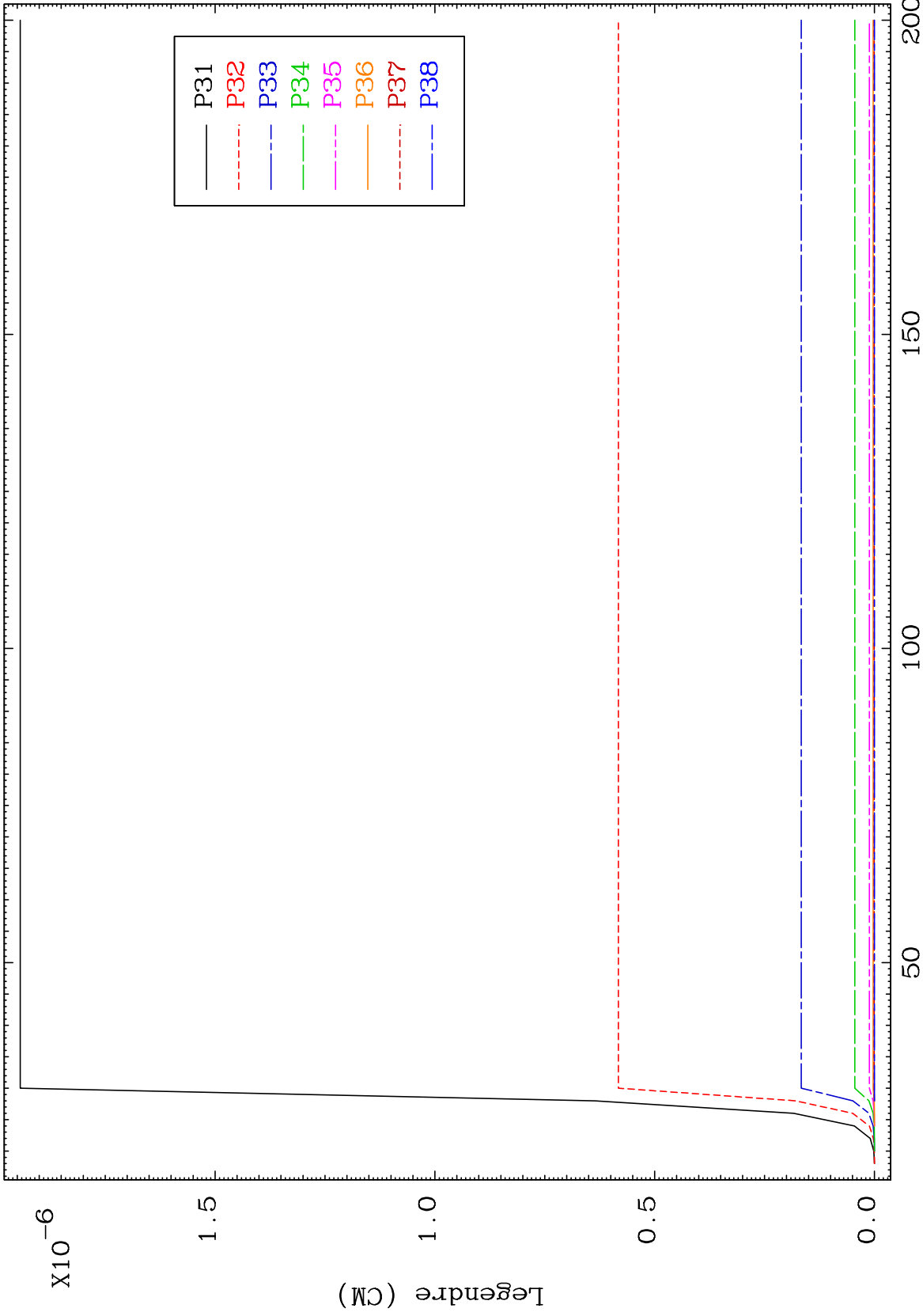
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



95

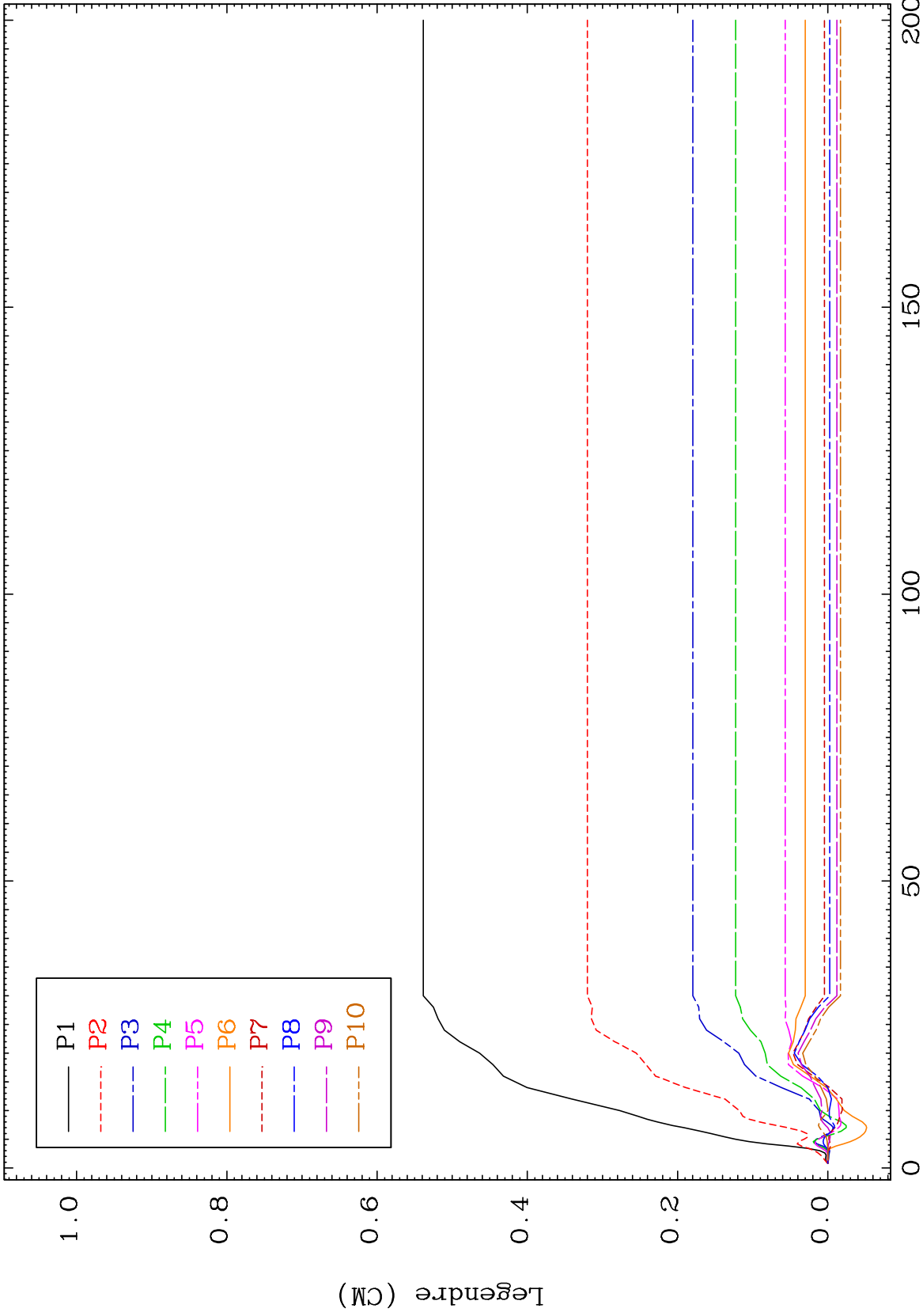
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



96

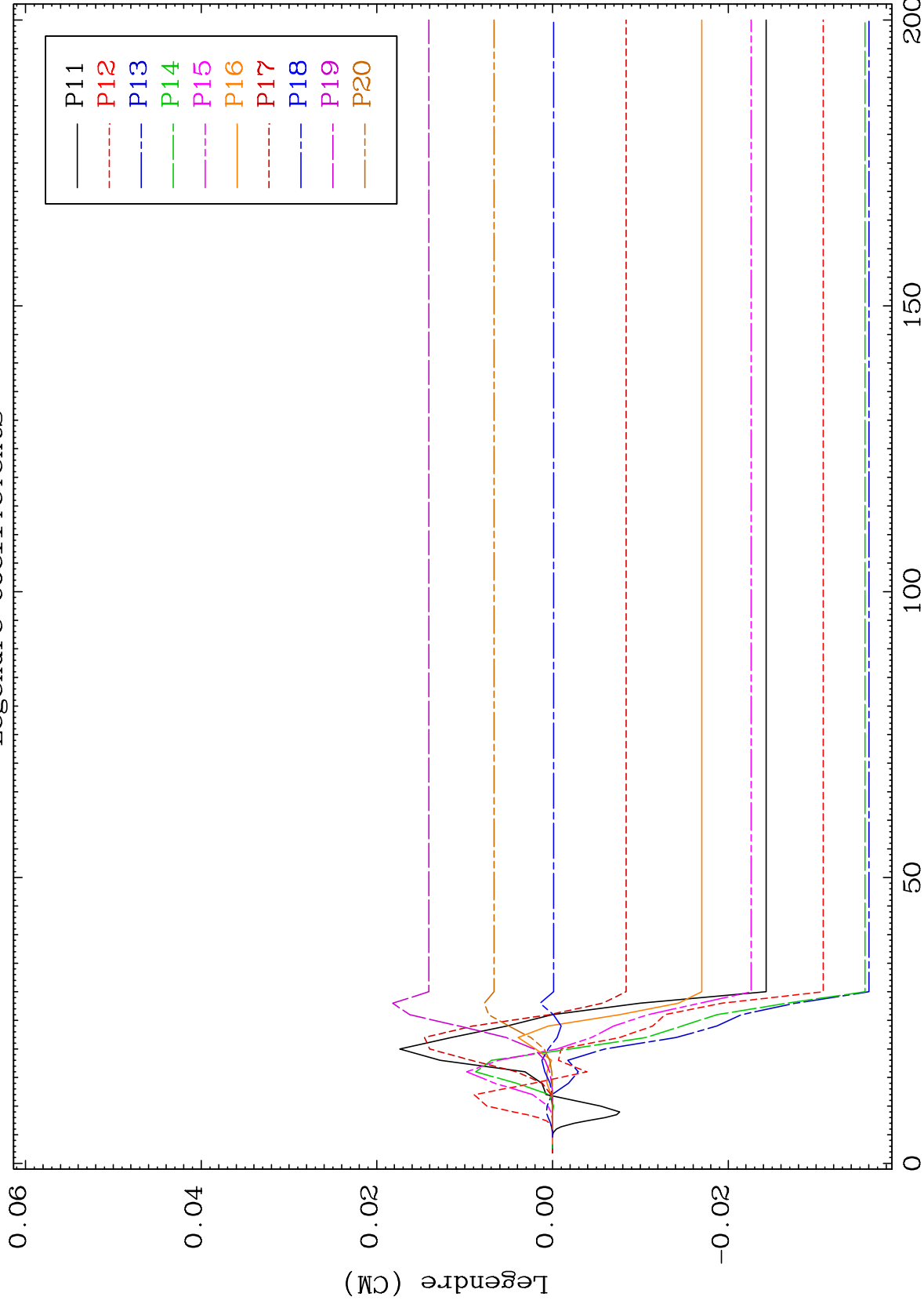
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

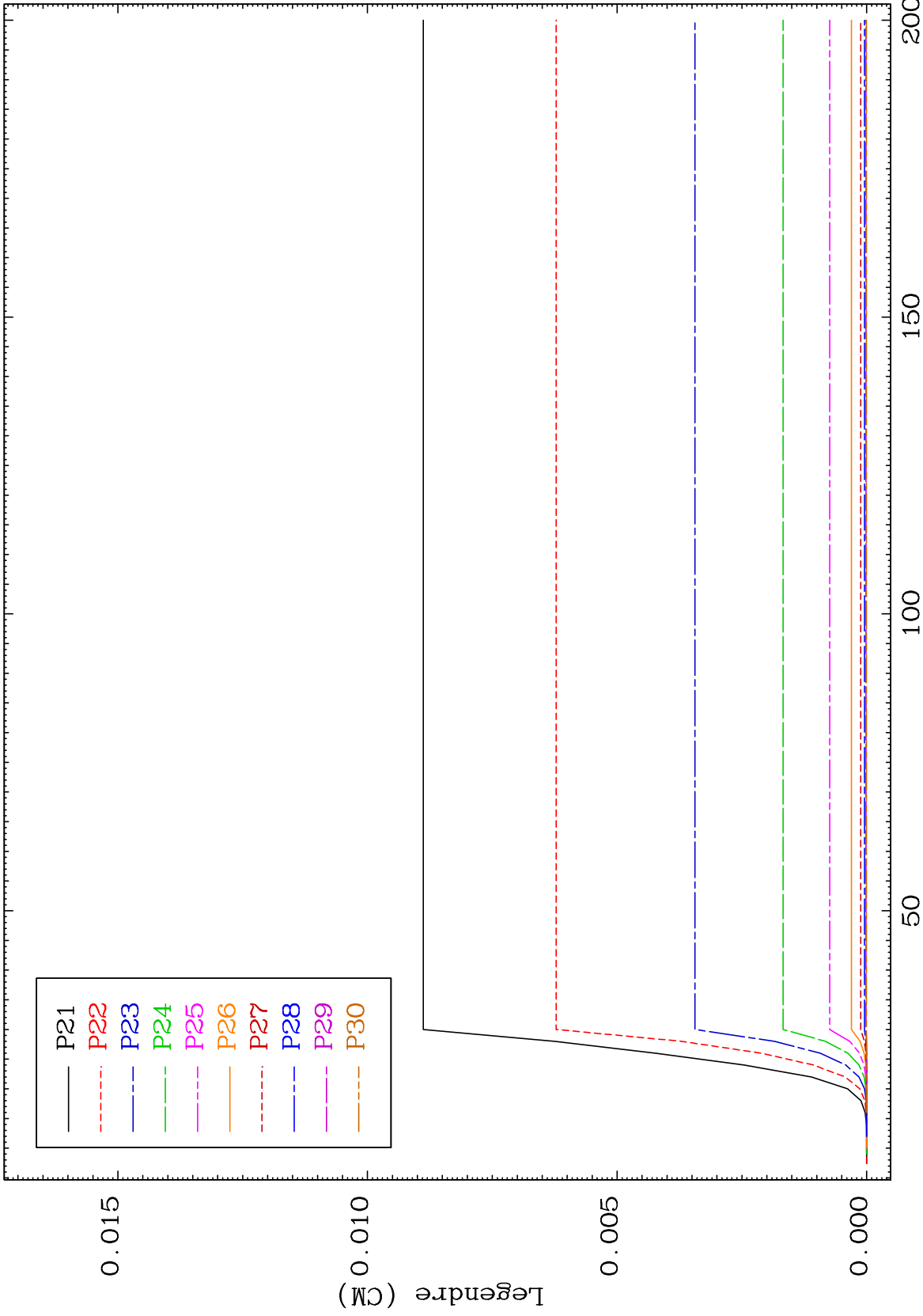
77-Ir-191



97

Incident Energy (MeV)

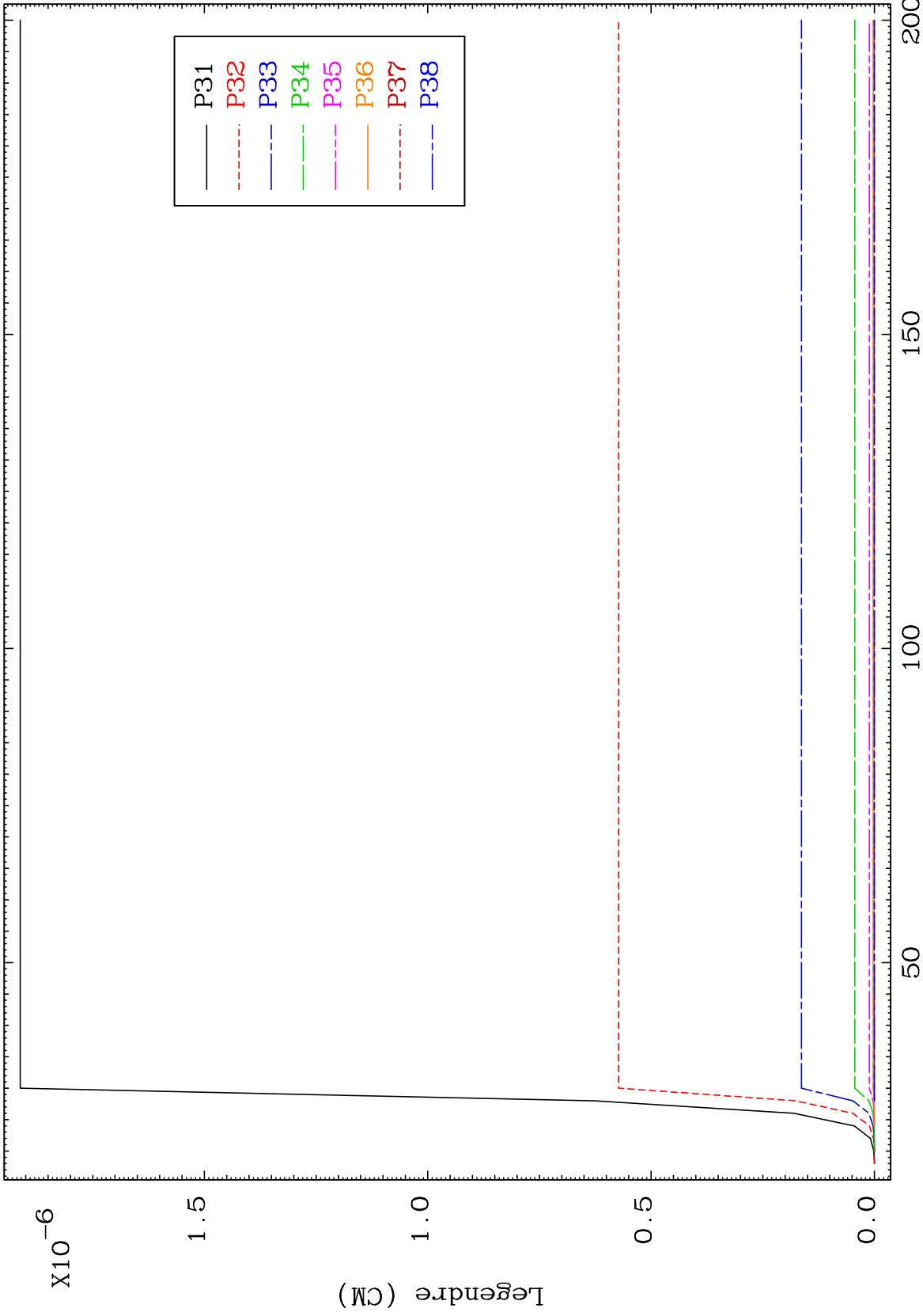
77-Ir-191



MAT 7725

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

77-Ir-191



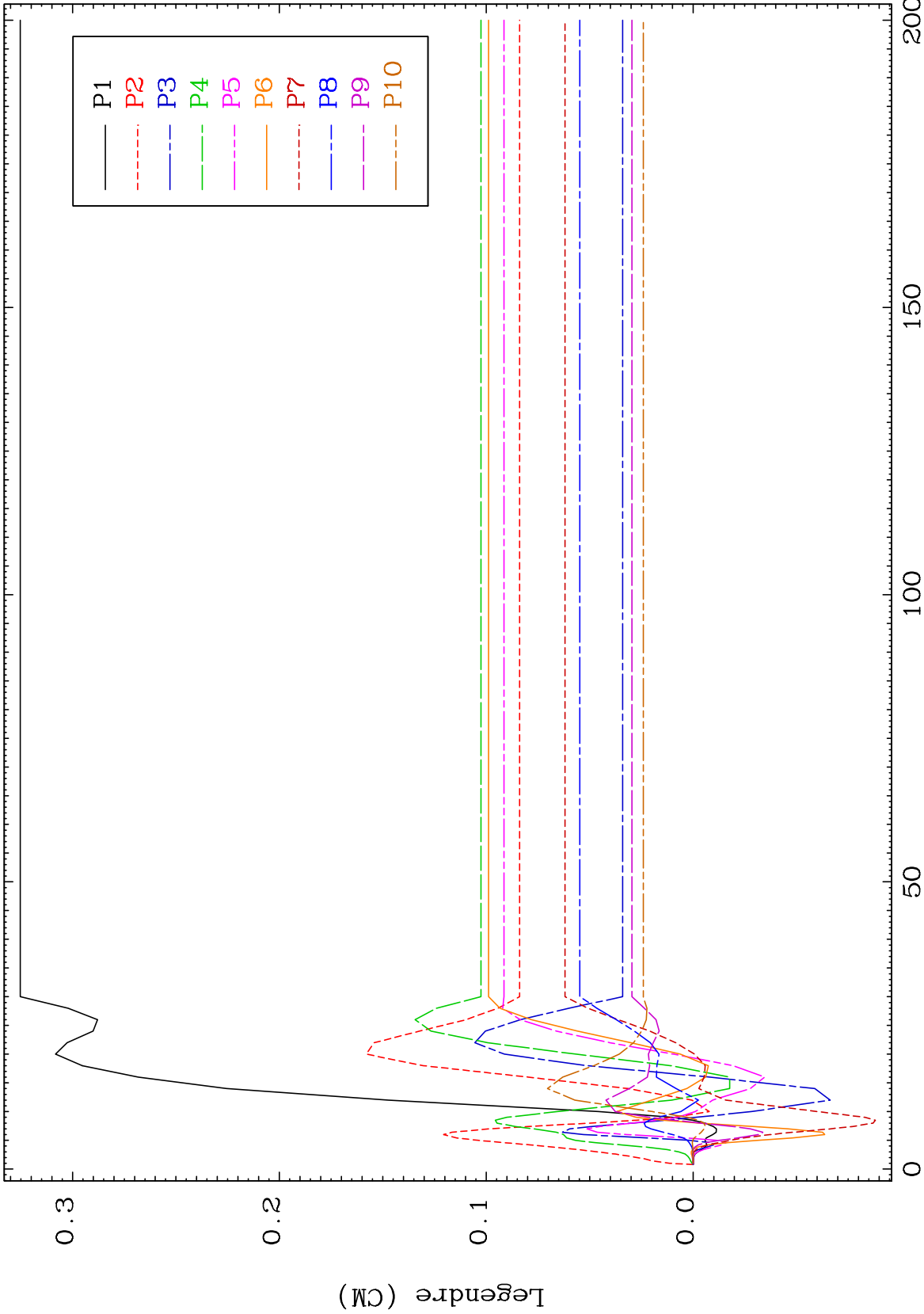
99

77-Ir-191

MAT 7725

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

77-Ir-191



77-Ir-191

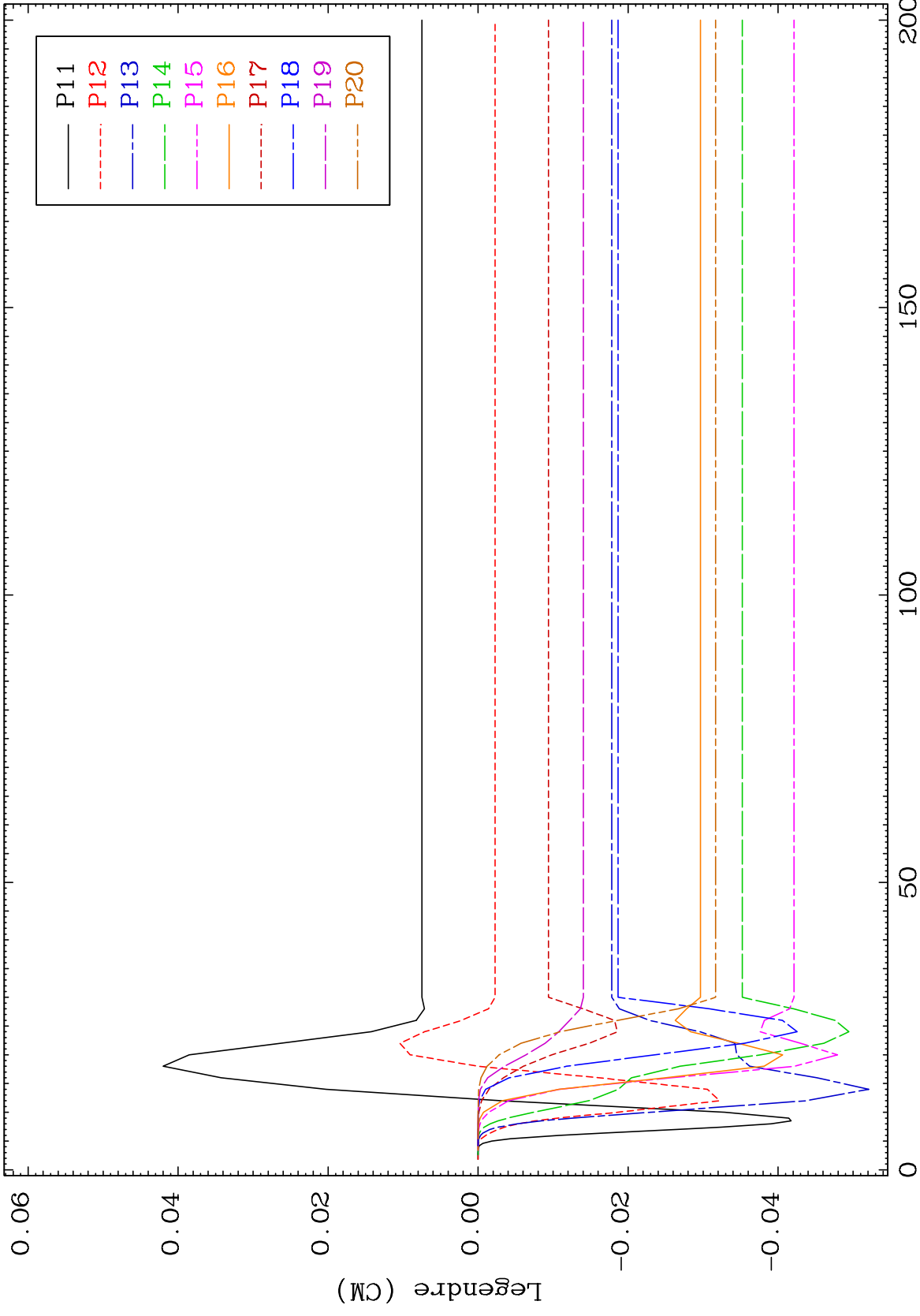
Incident Energy (MeV)

100

MAT 7725

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

77-Ir-191



101

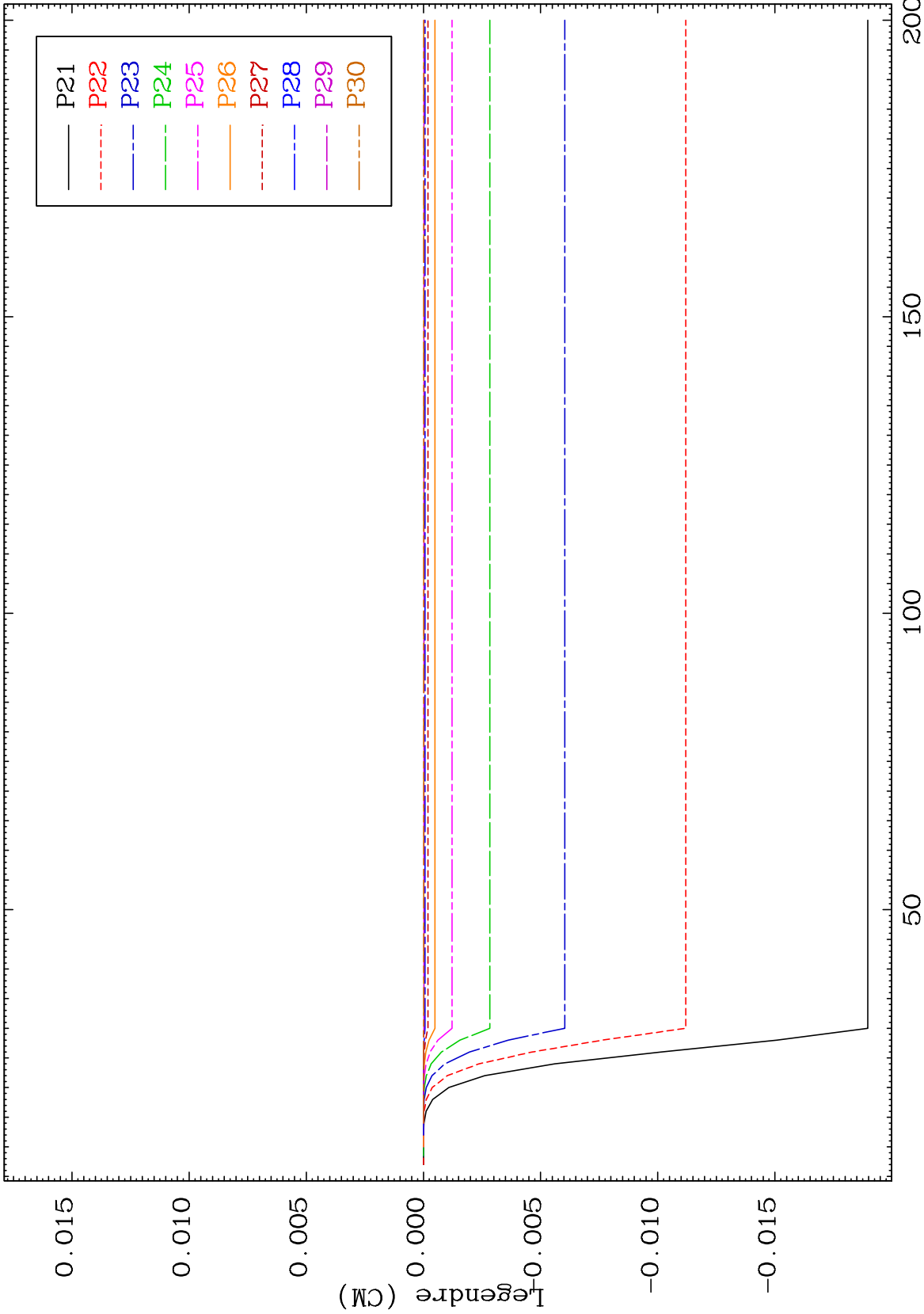
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



102

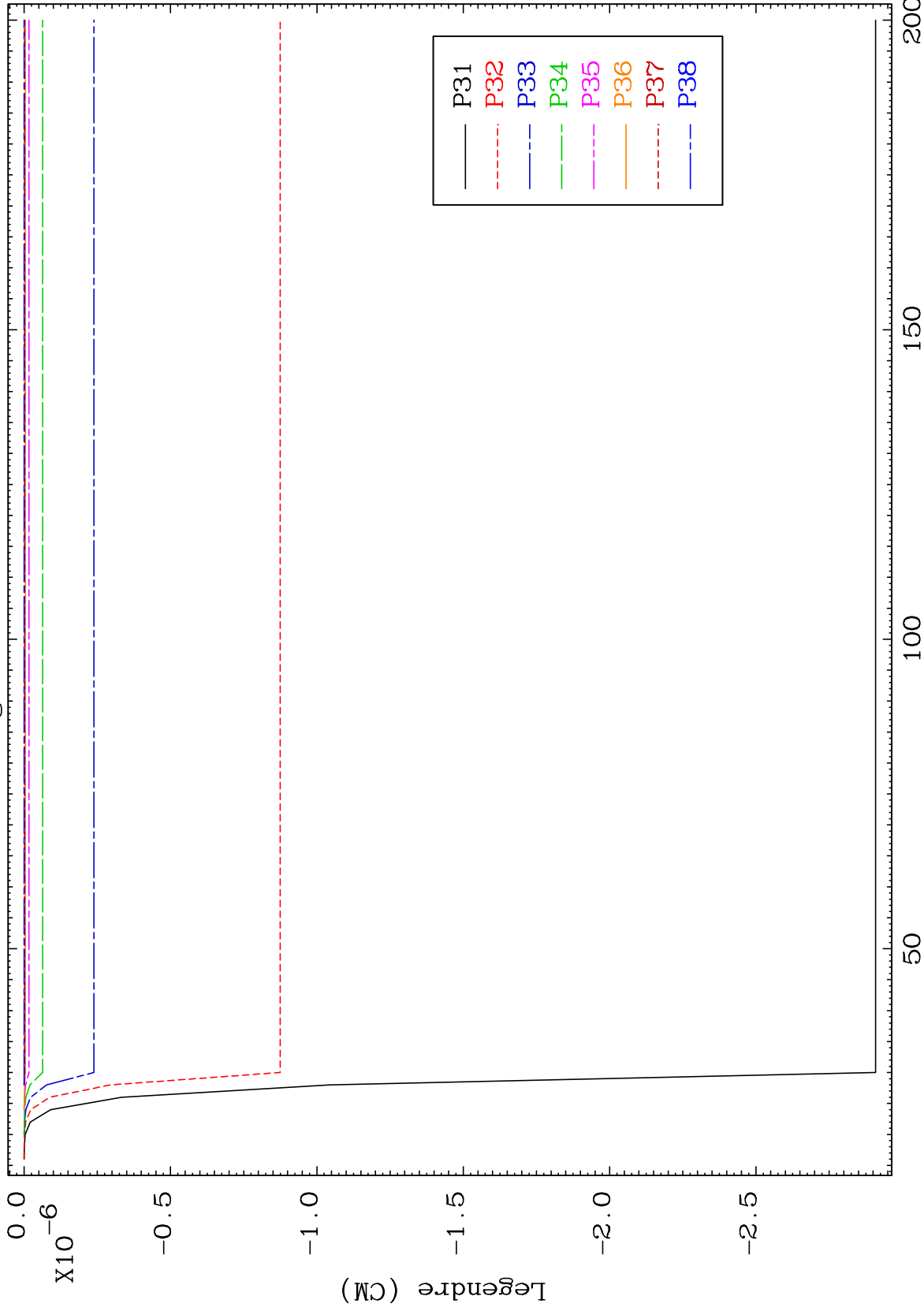
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



103

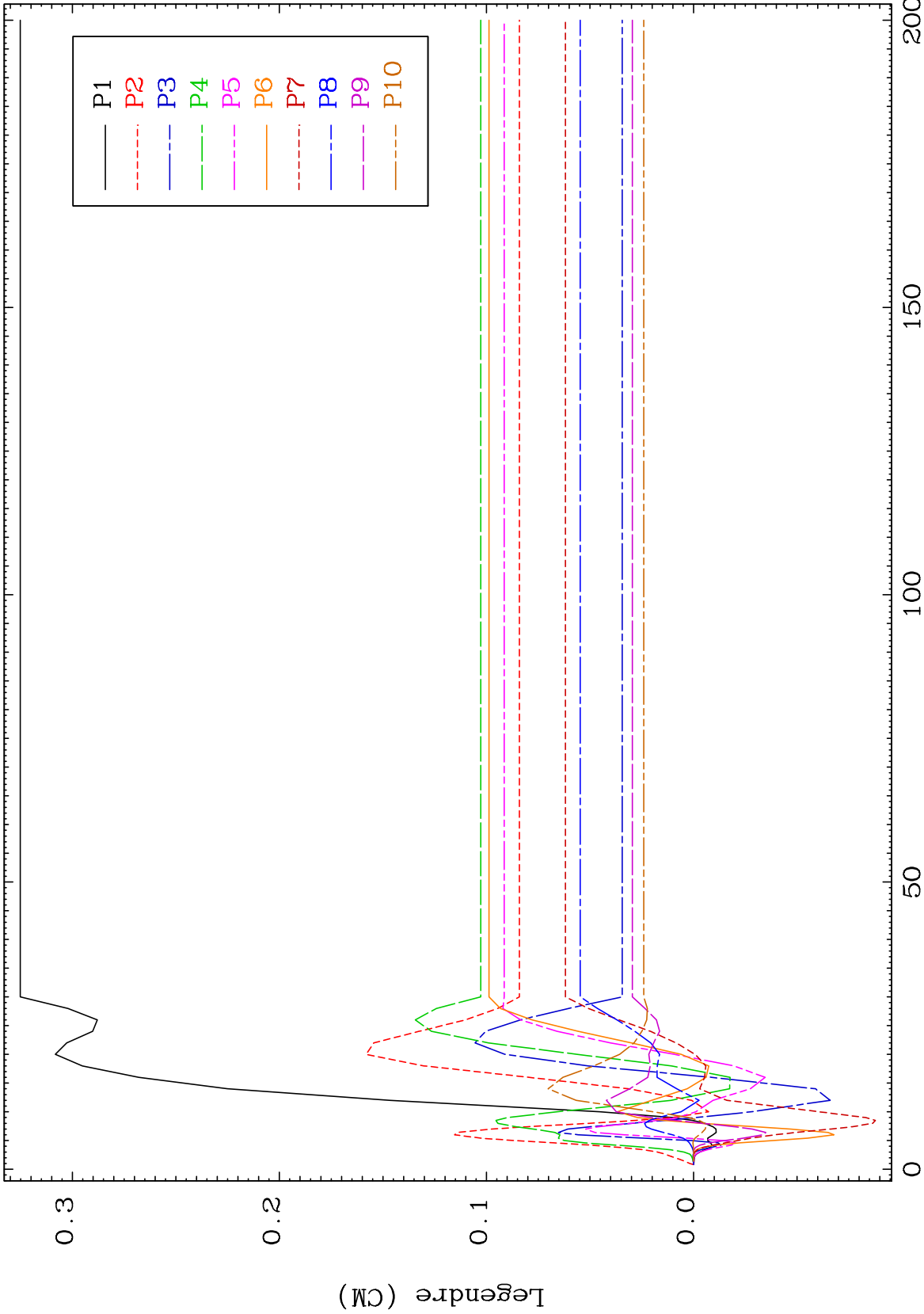
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



77-Ir-191

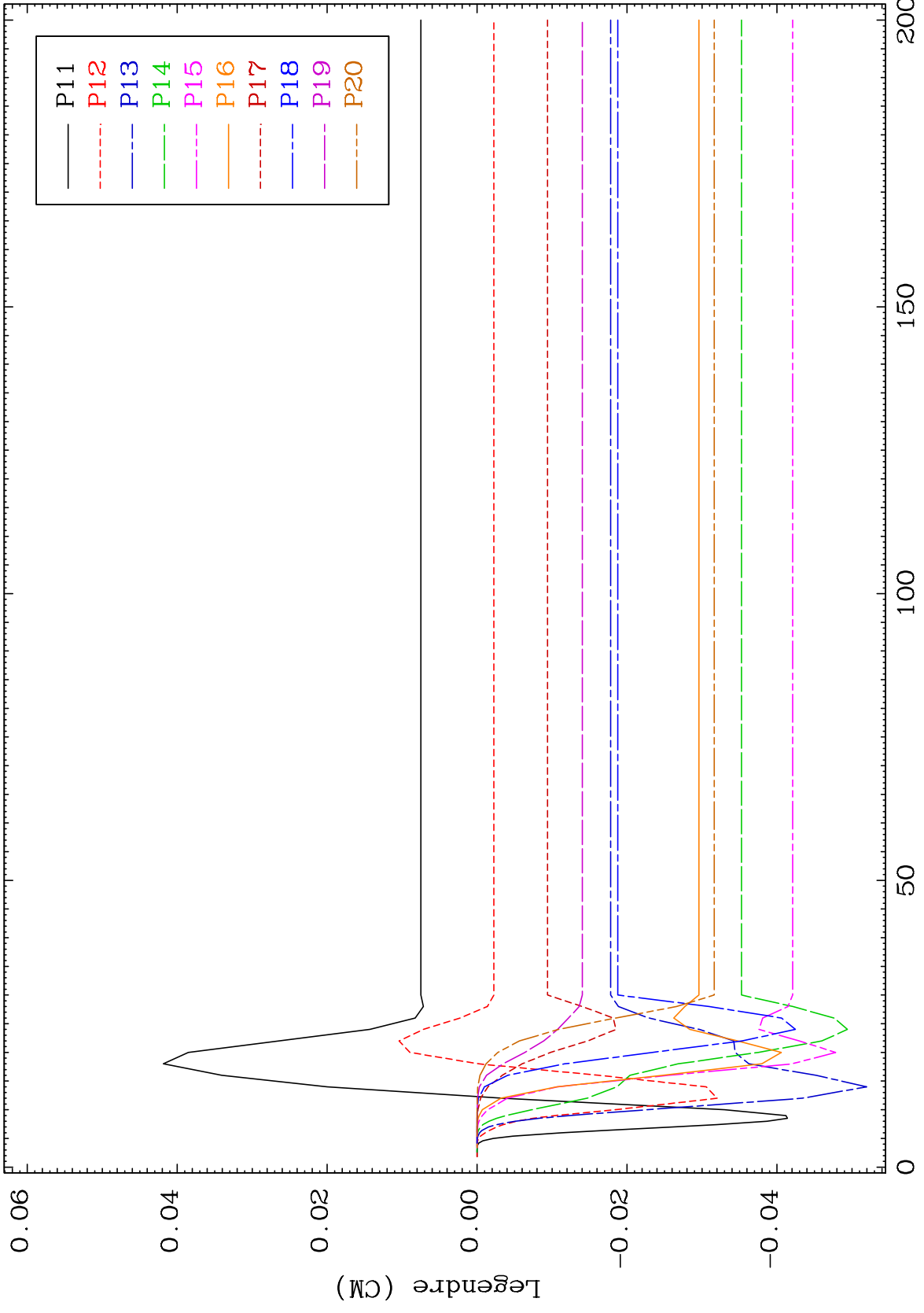
Incident Energy (MeV)

104

MAT 7725

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

77-Ir-191



77-Ir-191

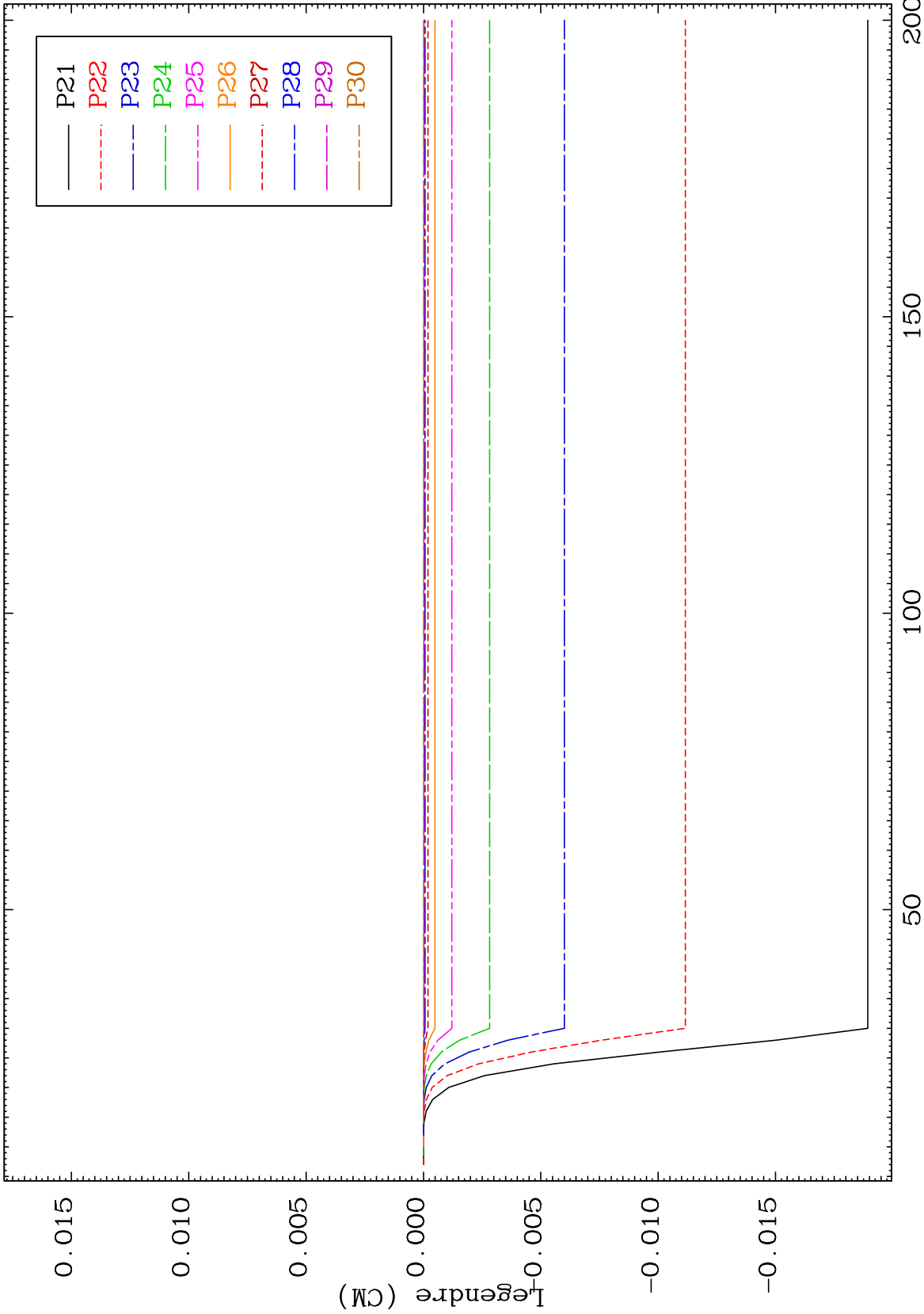
Incident Energy (MeV)

Legendre (CM)

MAT 7725

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

77-Ir-191

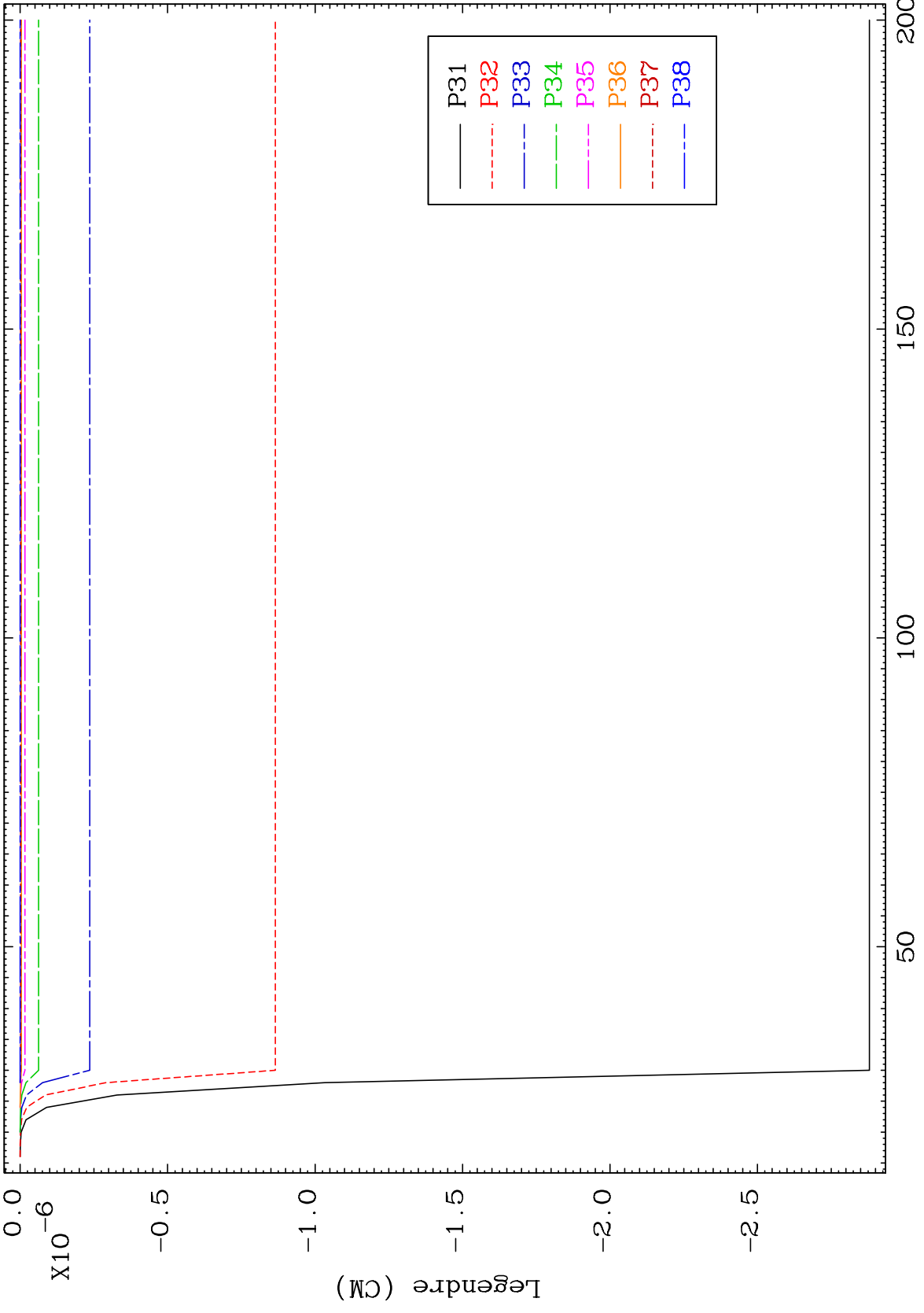


106

Incident Energy (MeV)

77-Ir-191

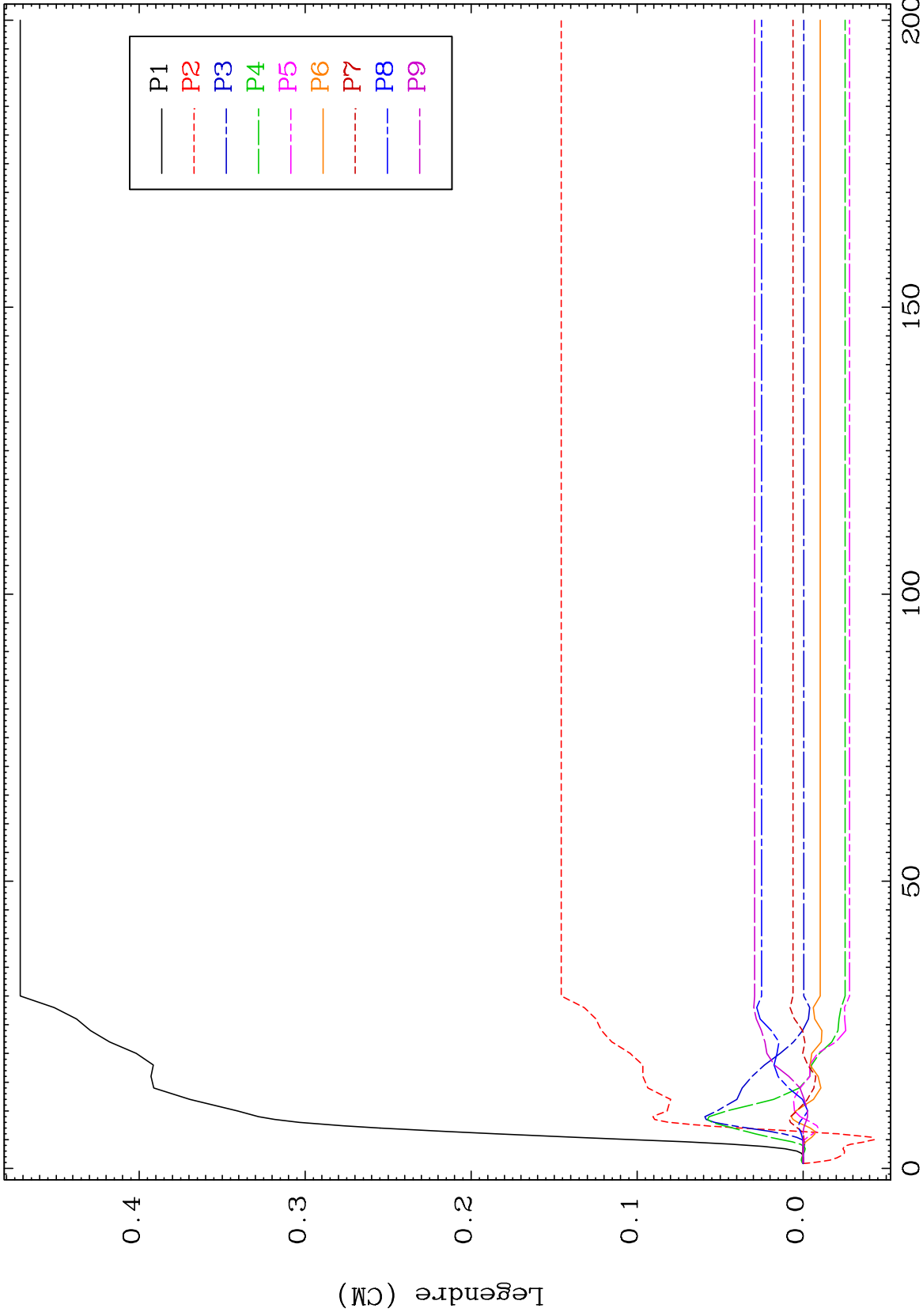
MAT 7725 MT= 72 (n,n') Level Legendre Coefficients 77-Ir-191



MAT 7725

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

77-Ir-191



77-Ir-191

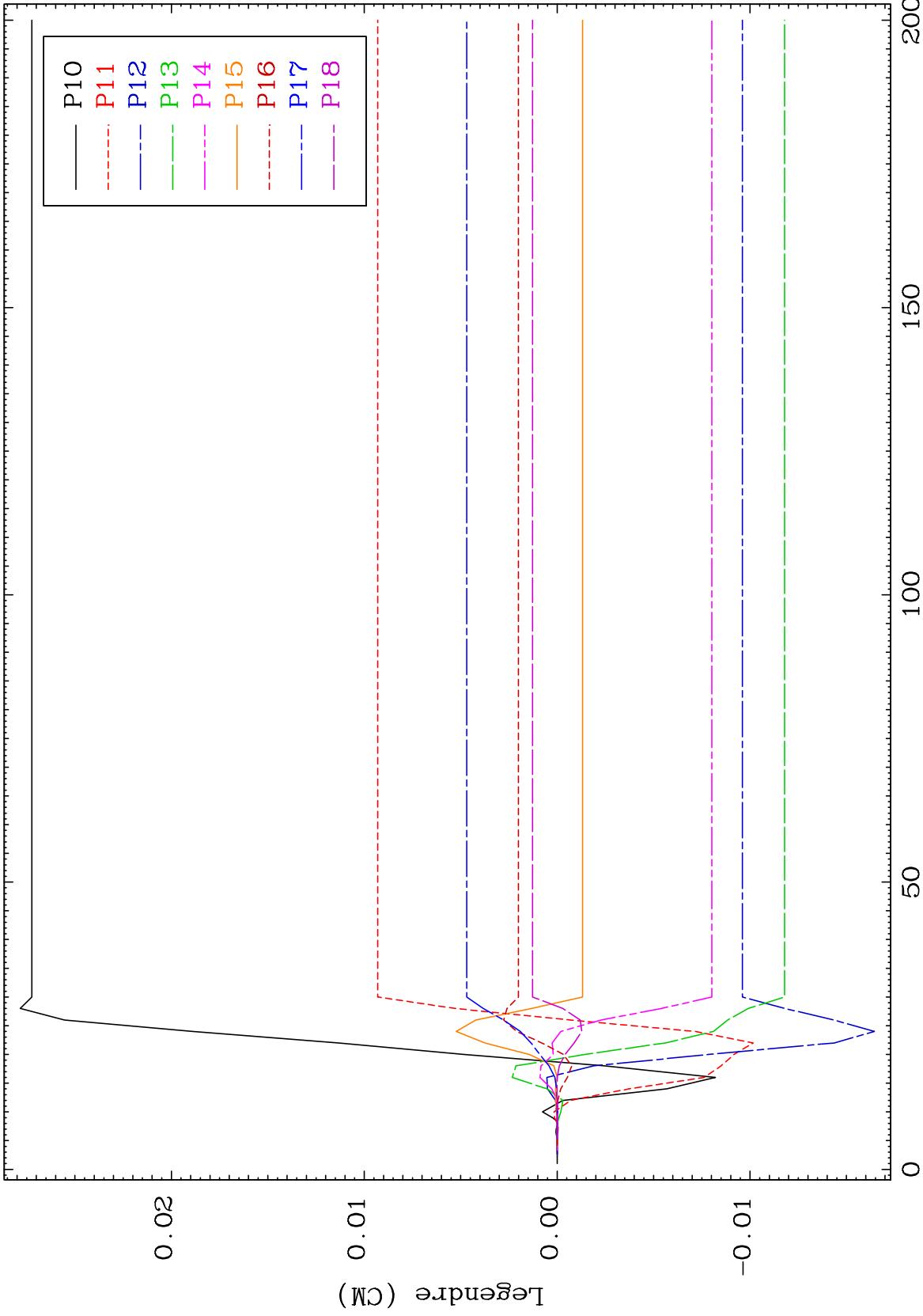
Incident Energy (MeV)

108

MAT 7725

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

77-Ir-191



109

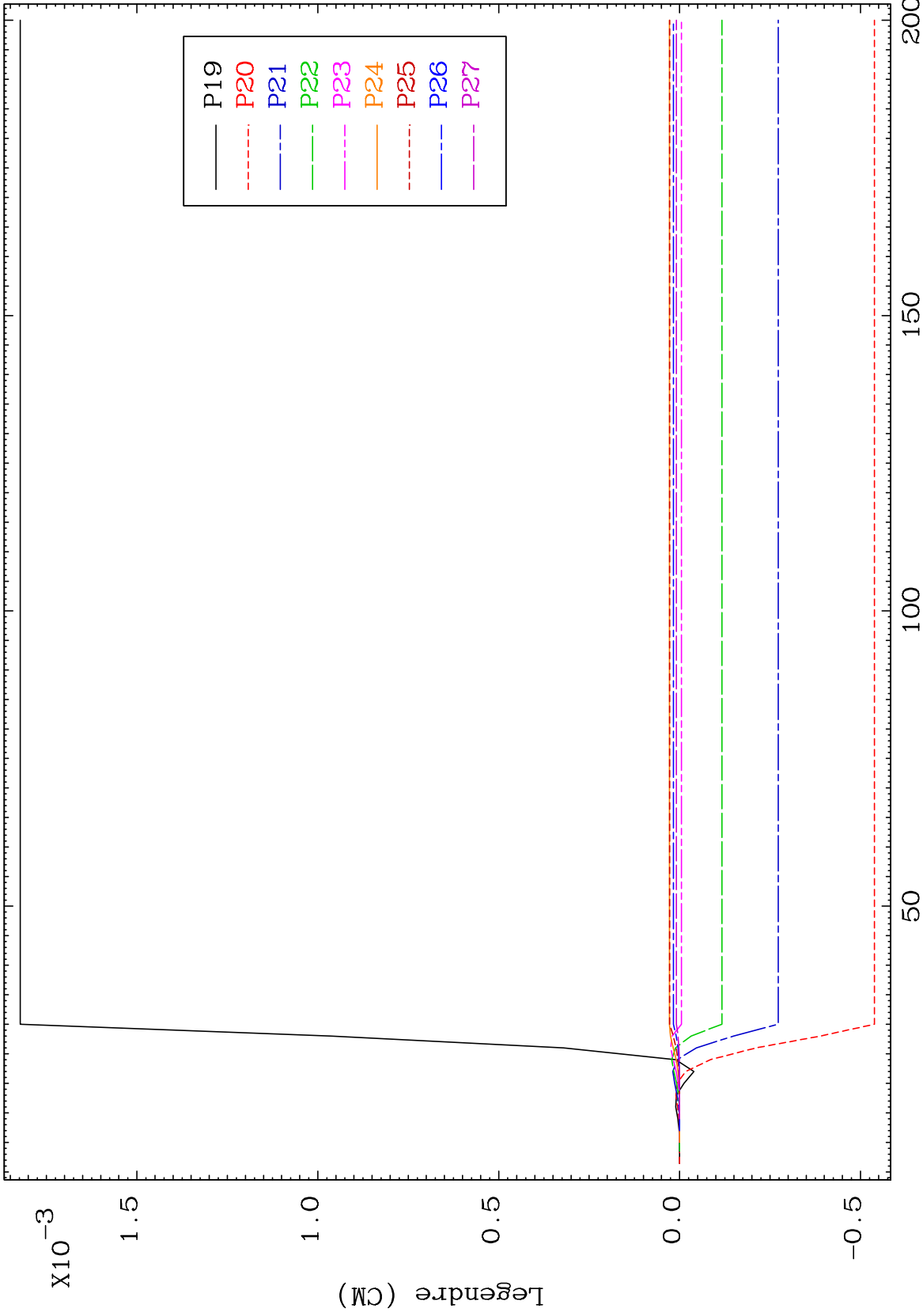
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



110

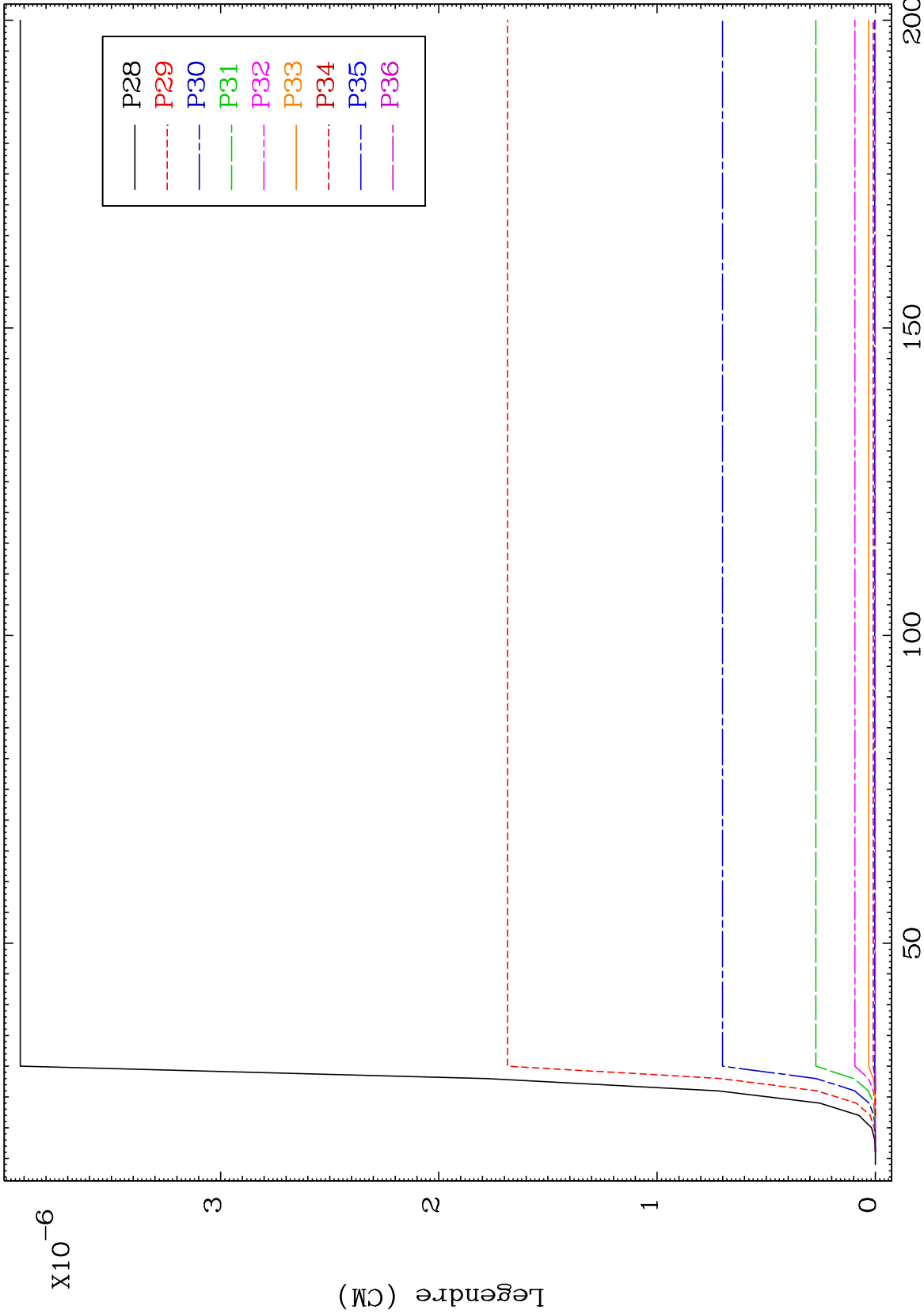
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



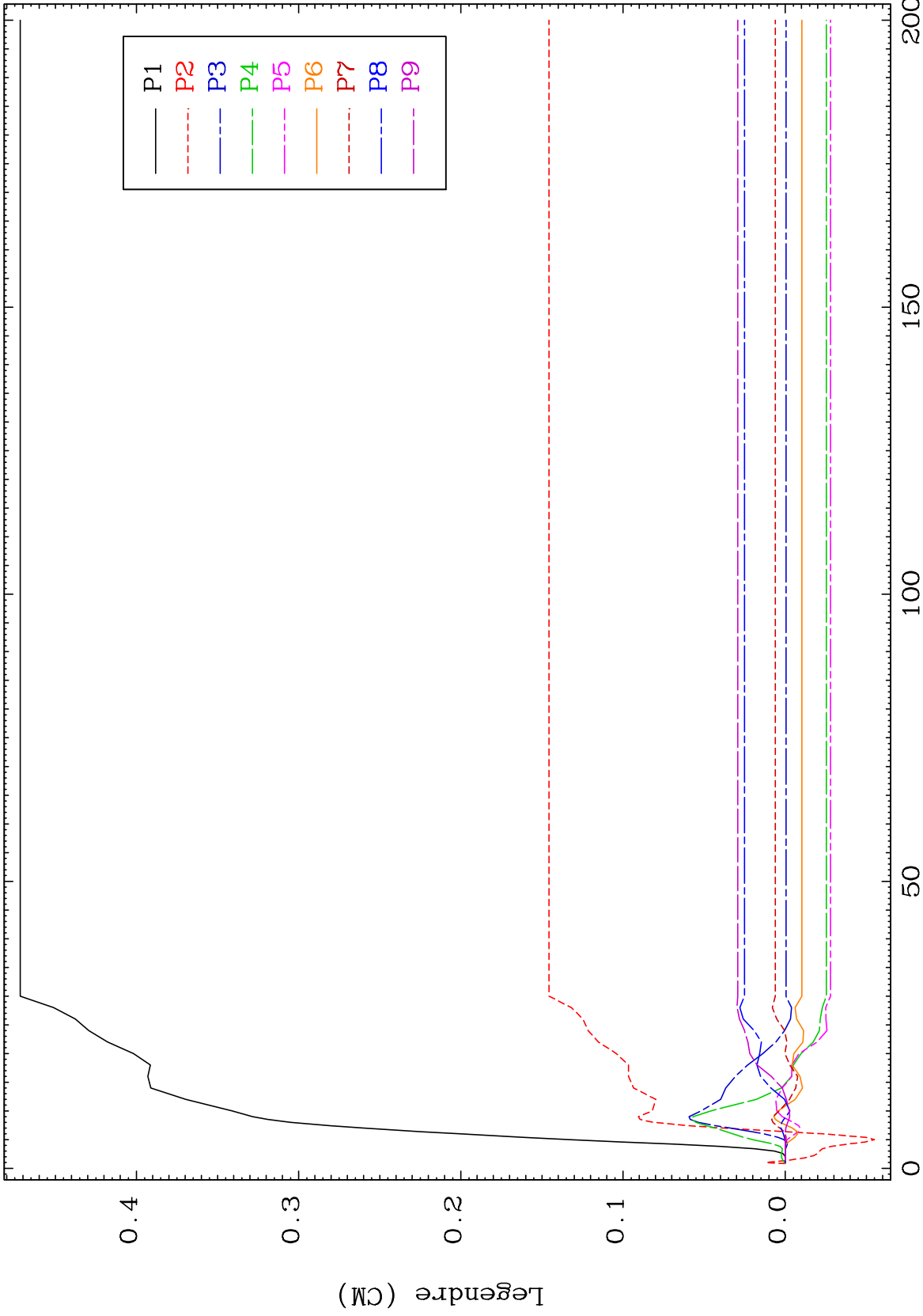
111

77-Ir-191

MAT 7725

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

77-Ir-191



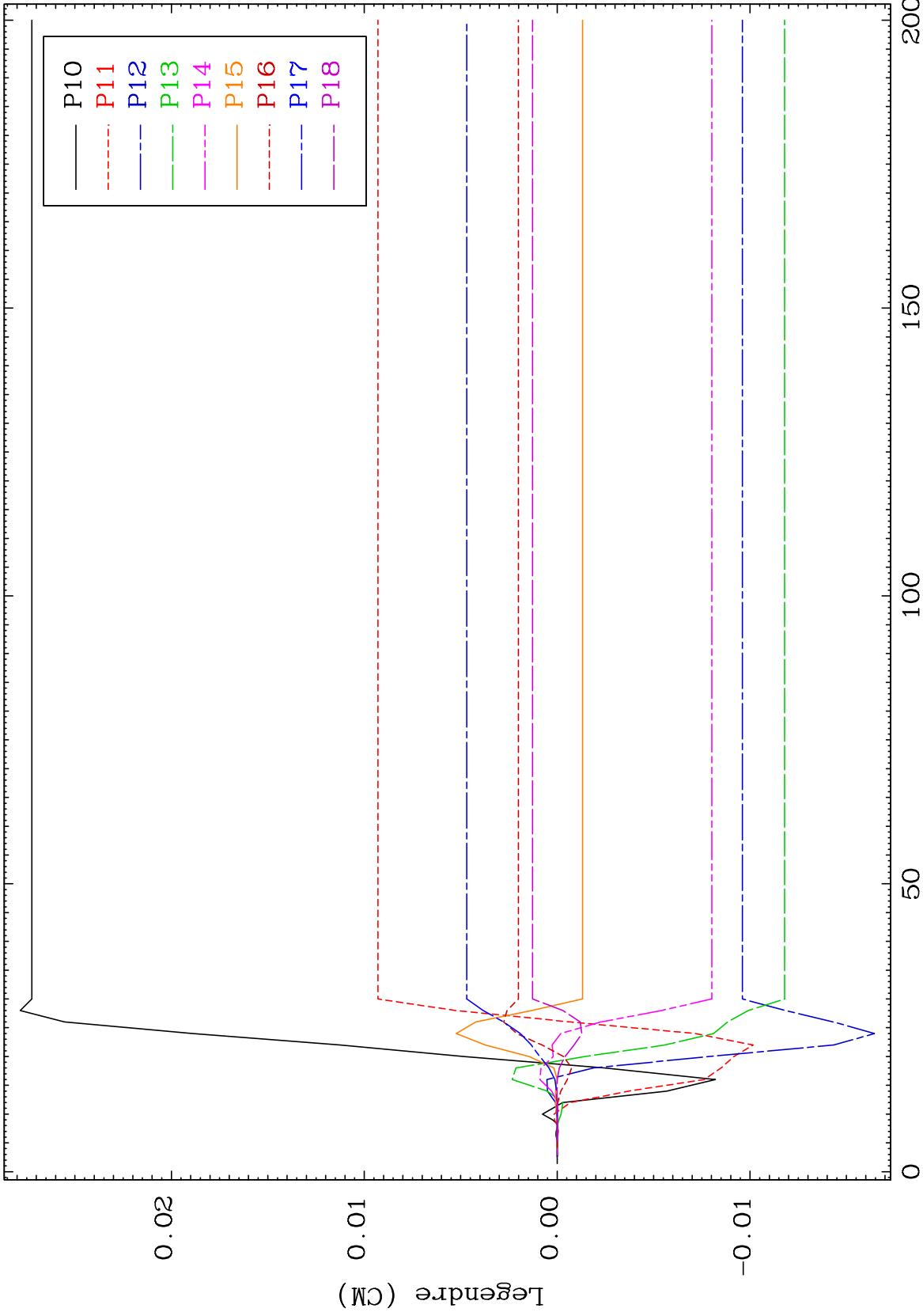
112

77-Ir-191

MAT 7725

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

77-Ir-191



113

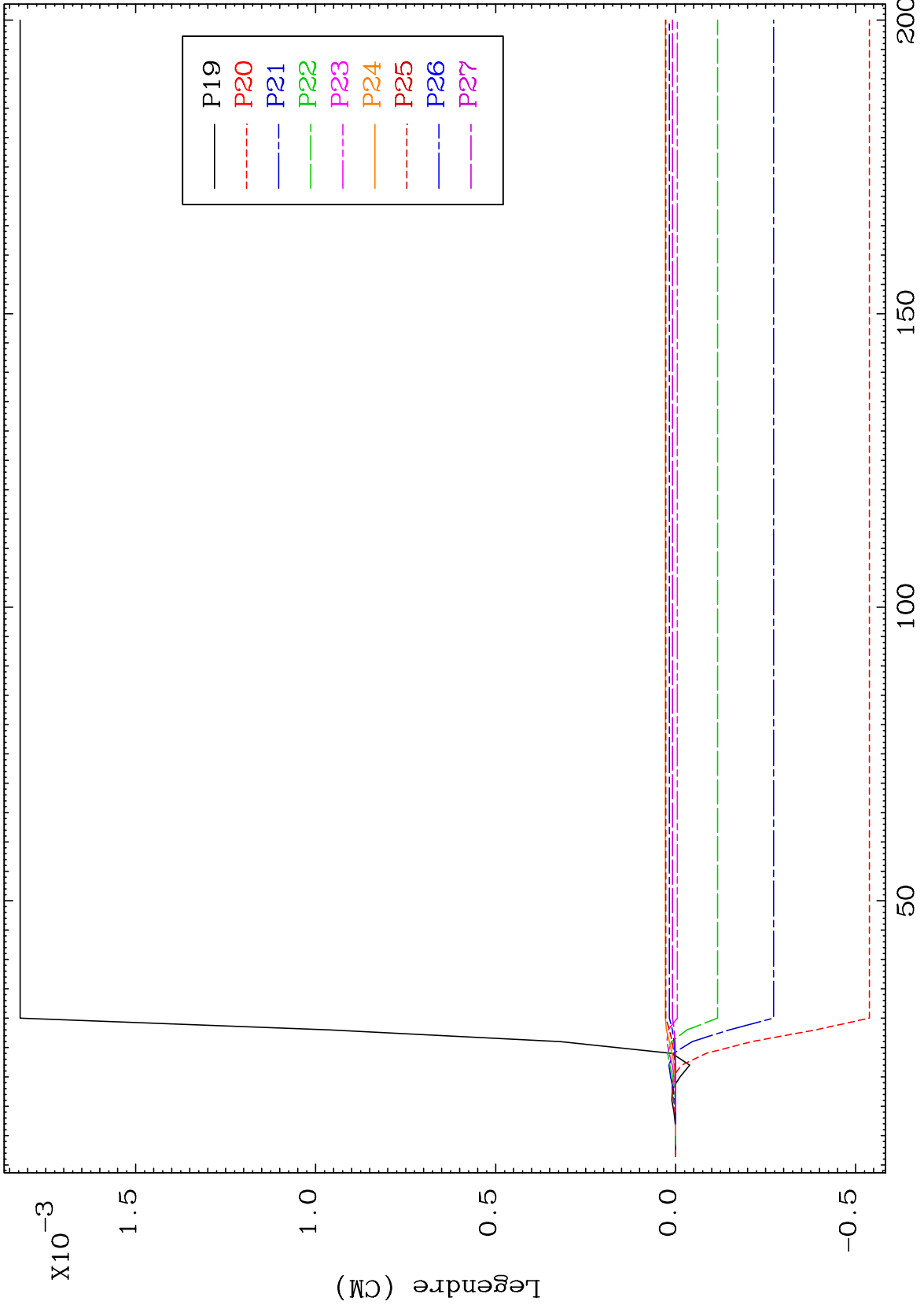
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



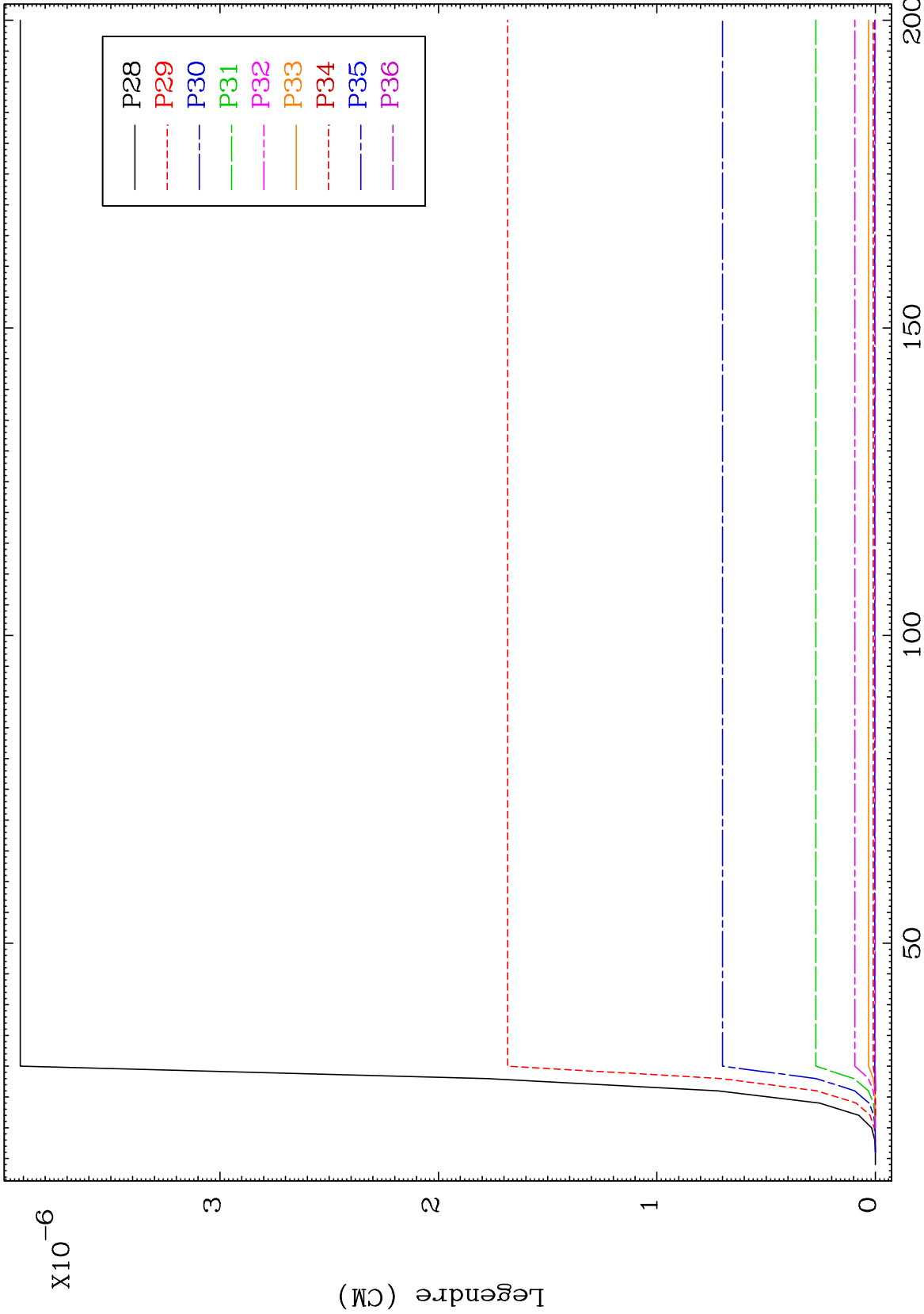
114

77-Ir-191

MAT 7725

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

77-Ir-191

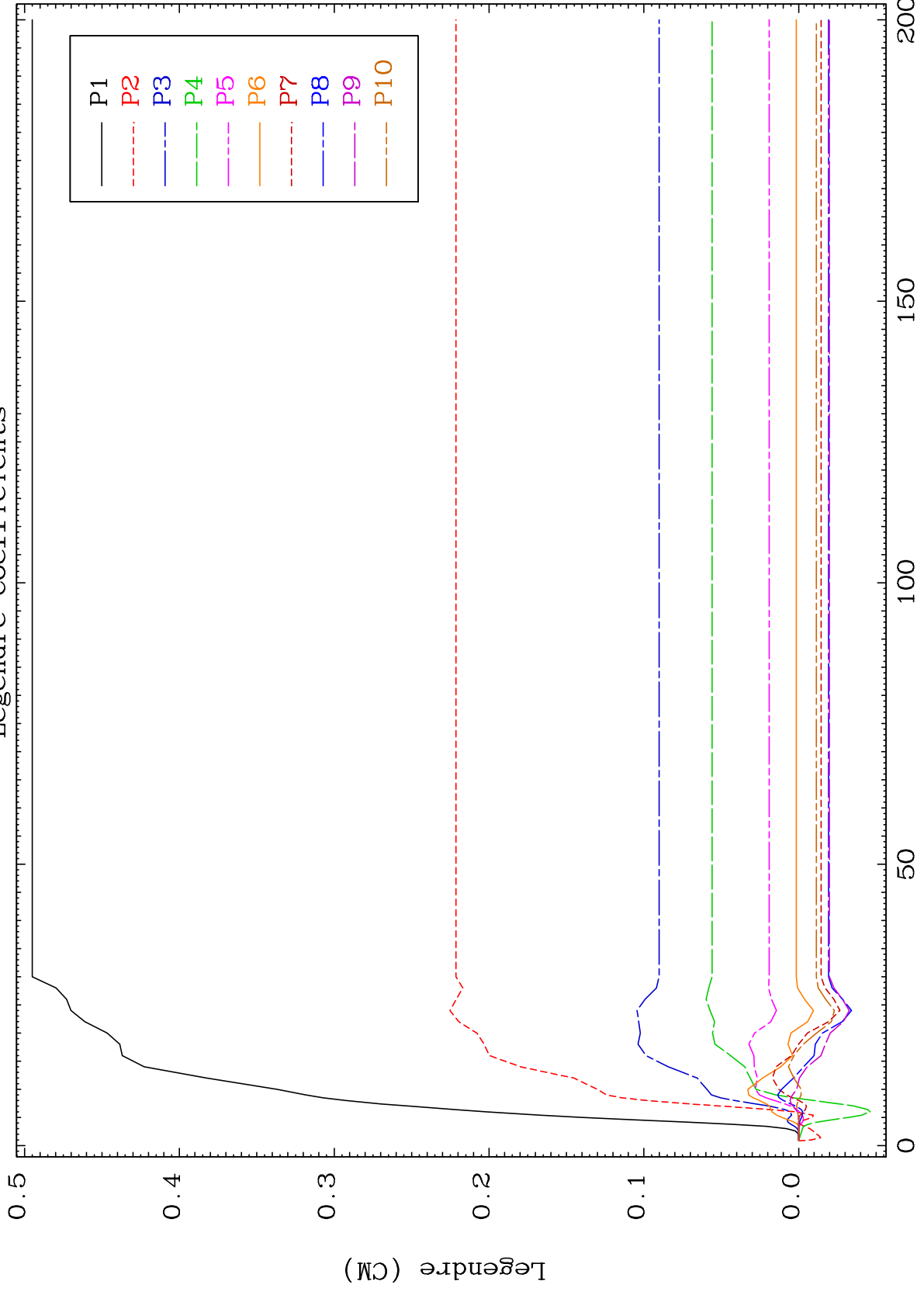


115

Incident Energy (MeV)

77-Ir-191

MAT 7725 MT= 75 (n,n') Level Legendre Coefficients 77-Ir-191

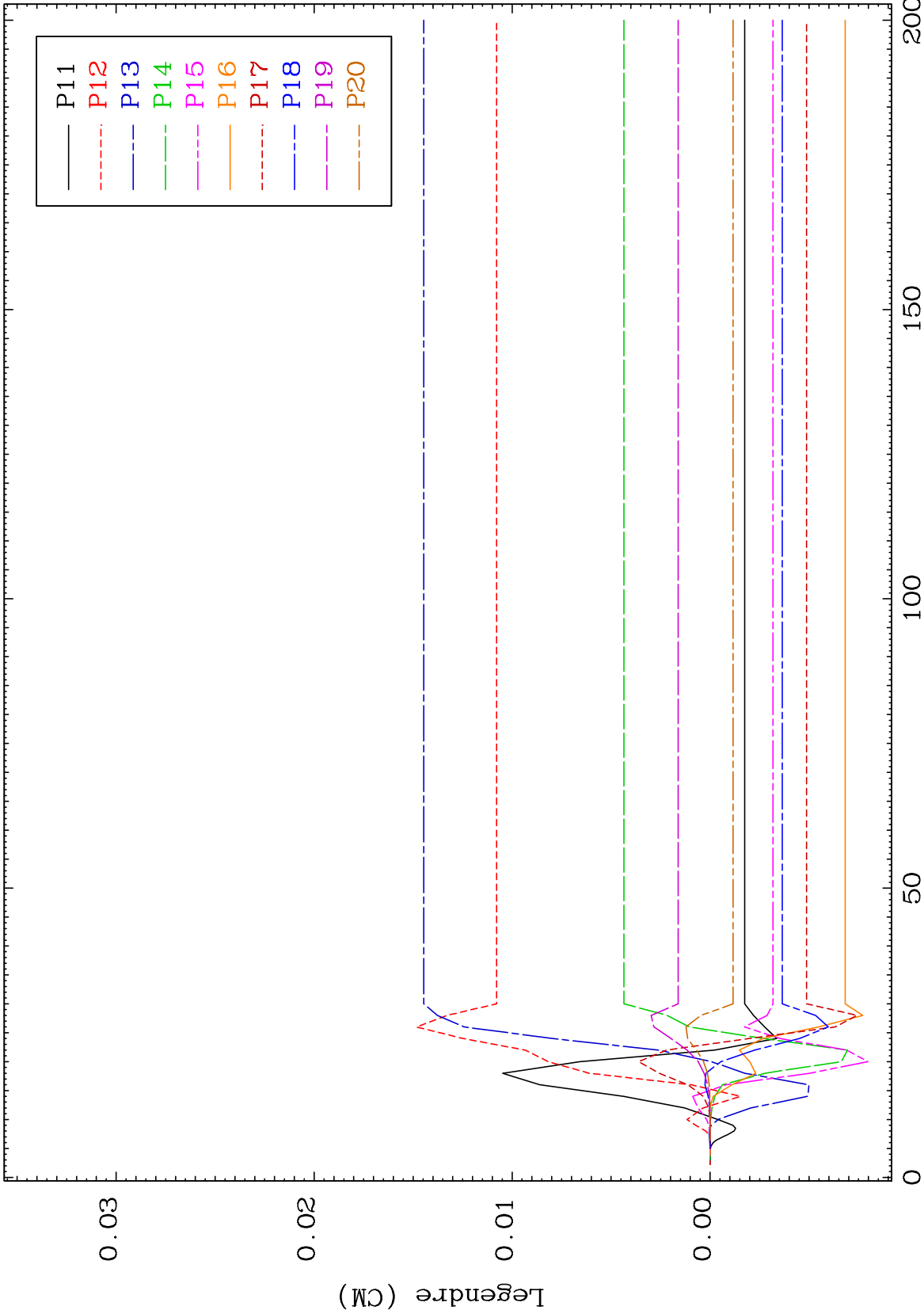


116 77-Ir-191

MAT 7725

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

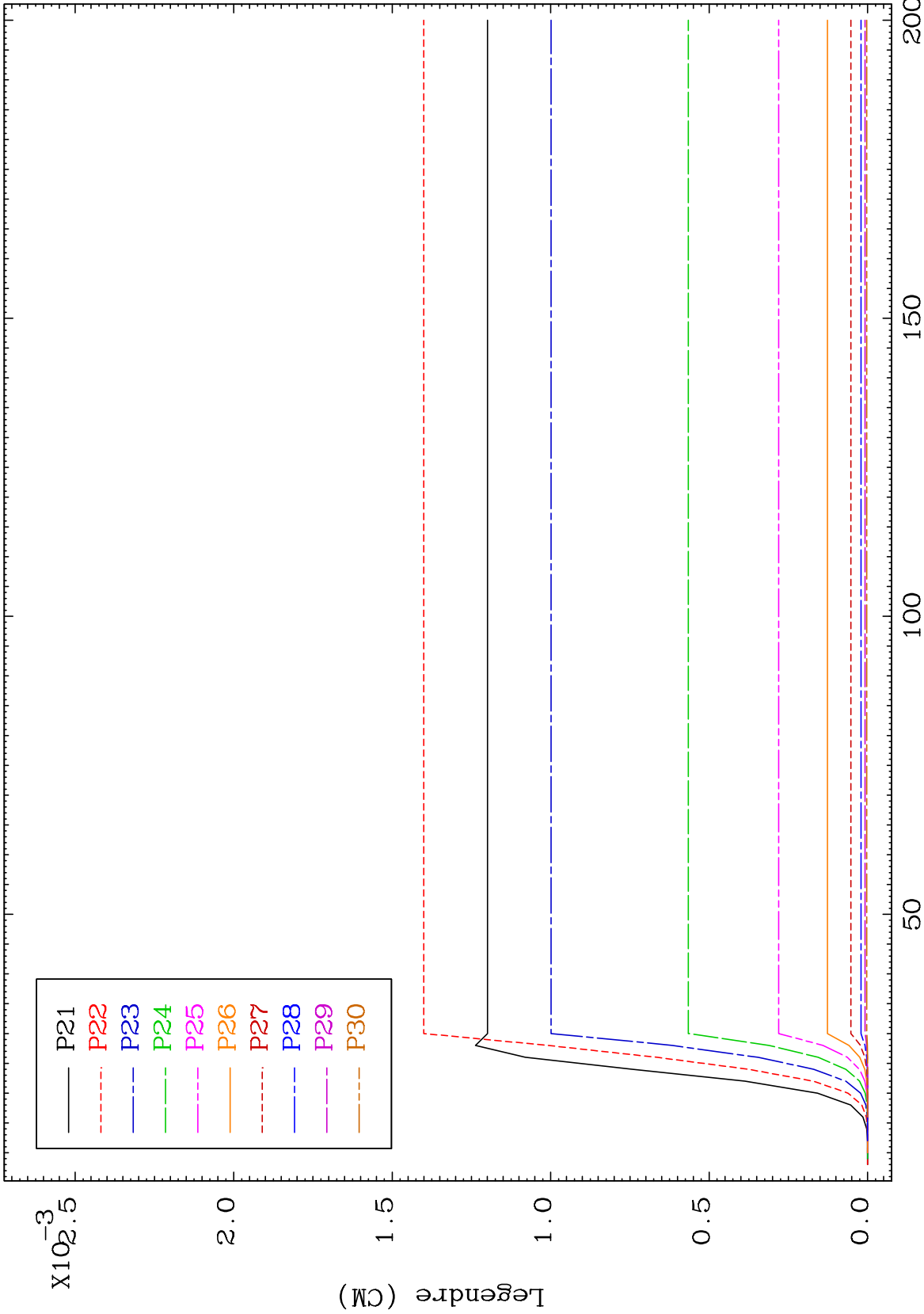
77-Ir-191



117

Incident Energy (MeV)

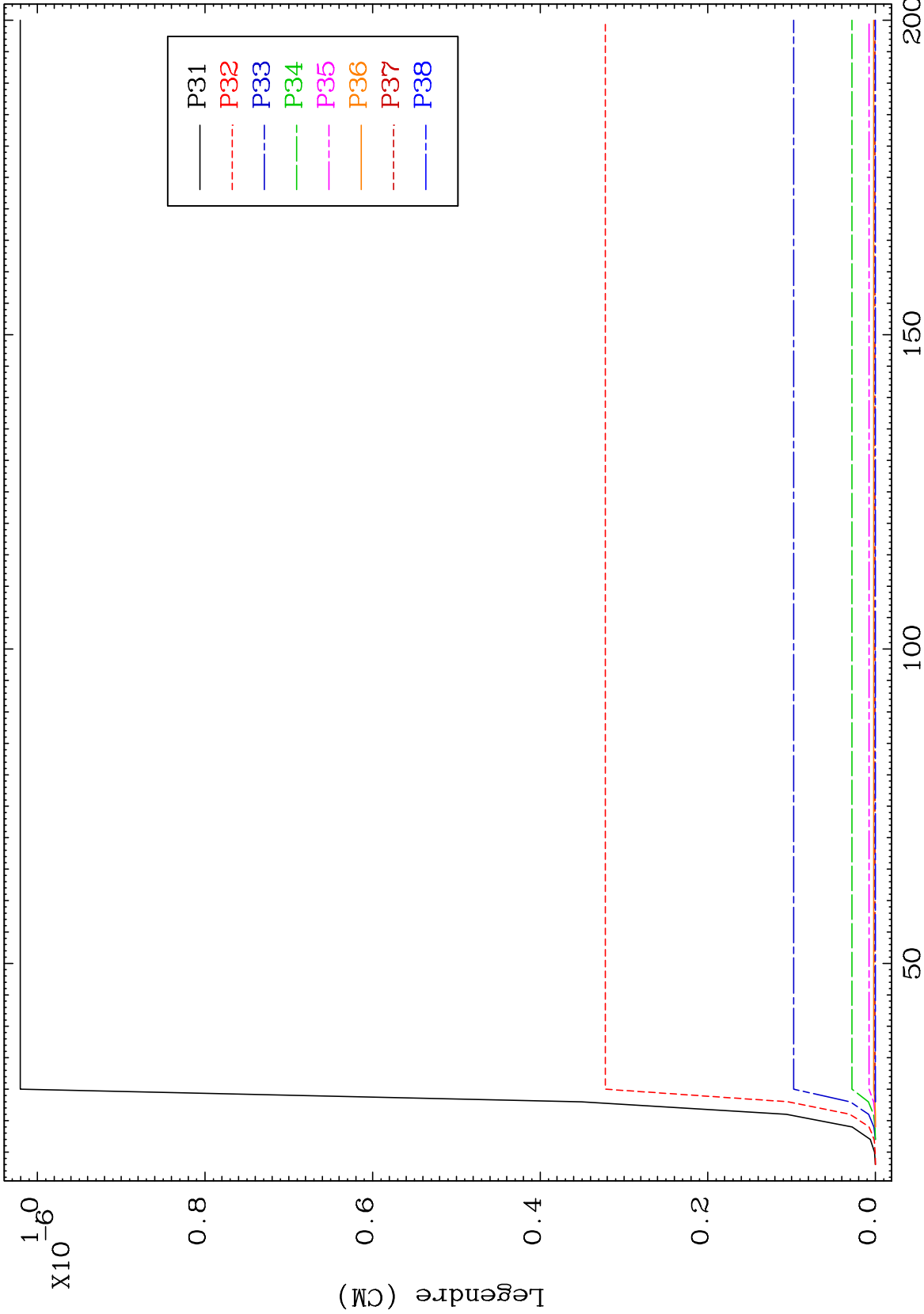
77-Ir-191



MAT 7725

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

77-Ir-191



119

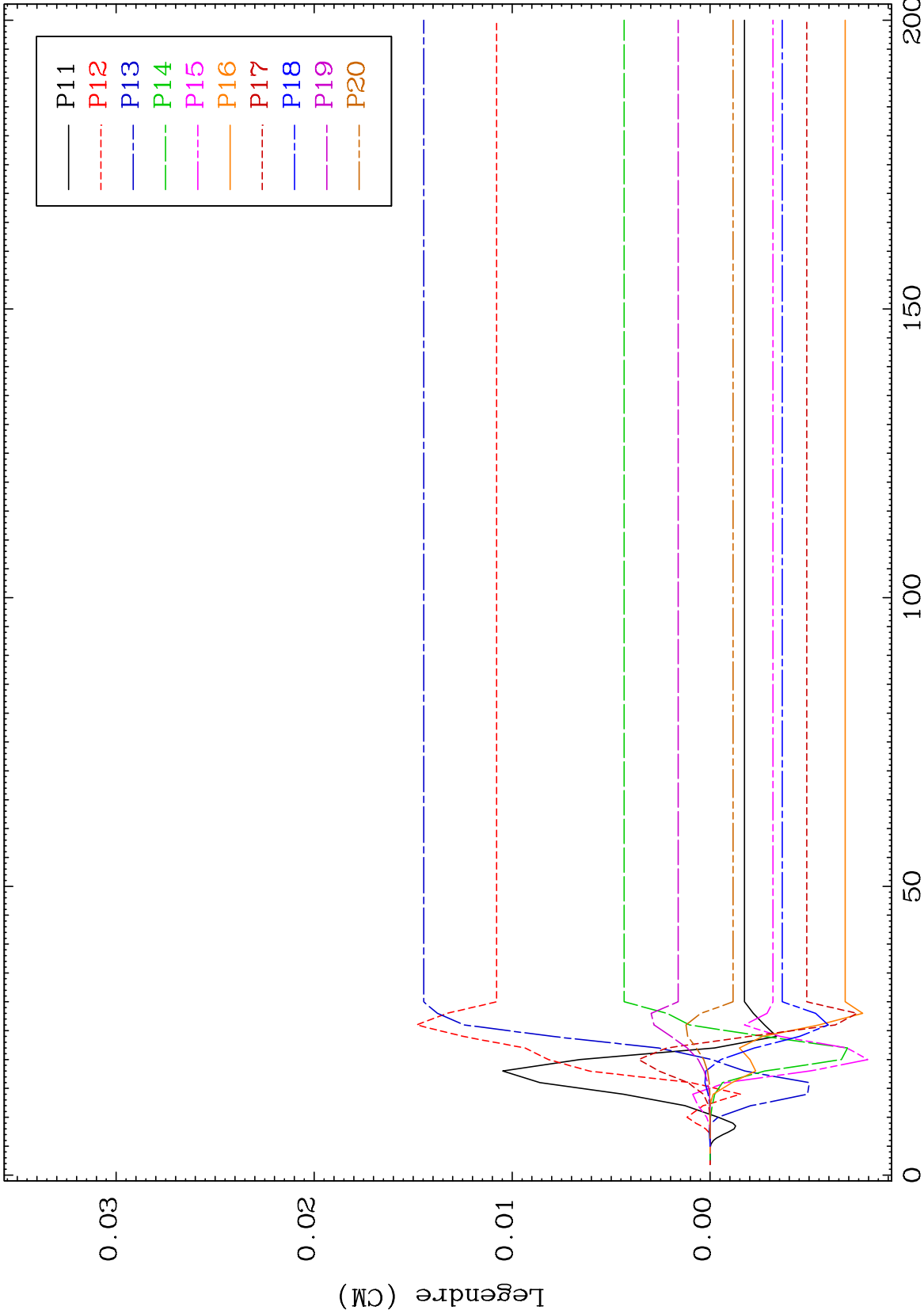
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

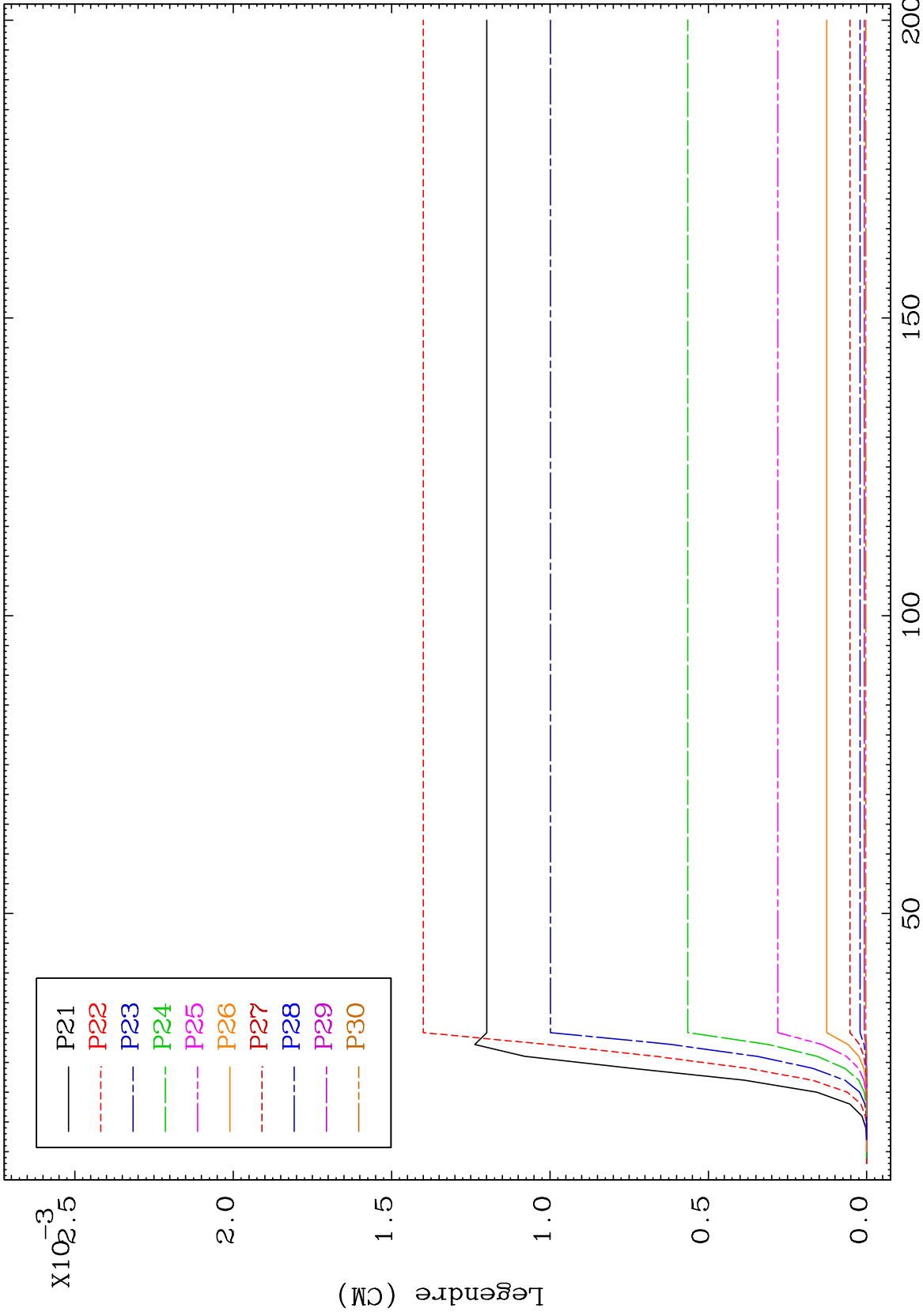
77-Ir-191



121

Incident Energy (MeV)

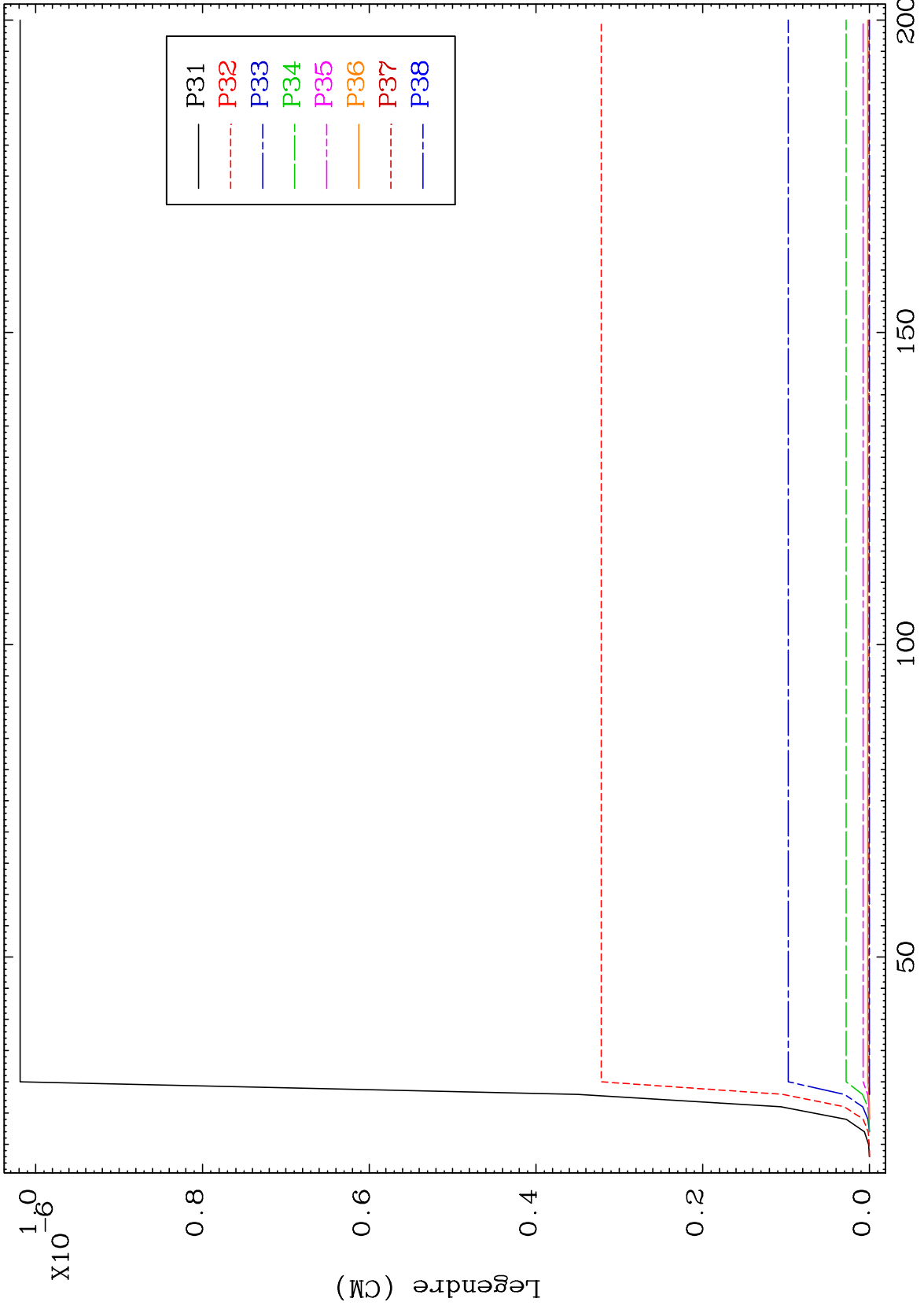
77-Ir-191



MAT 7725

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

77-Ir-191



123

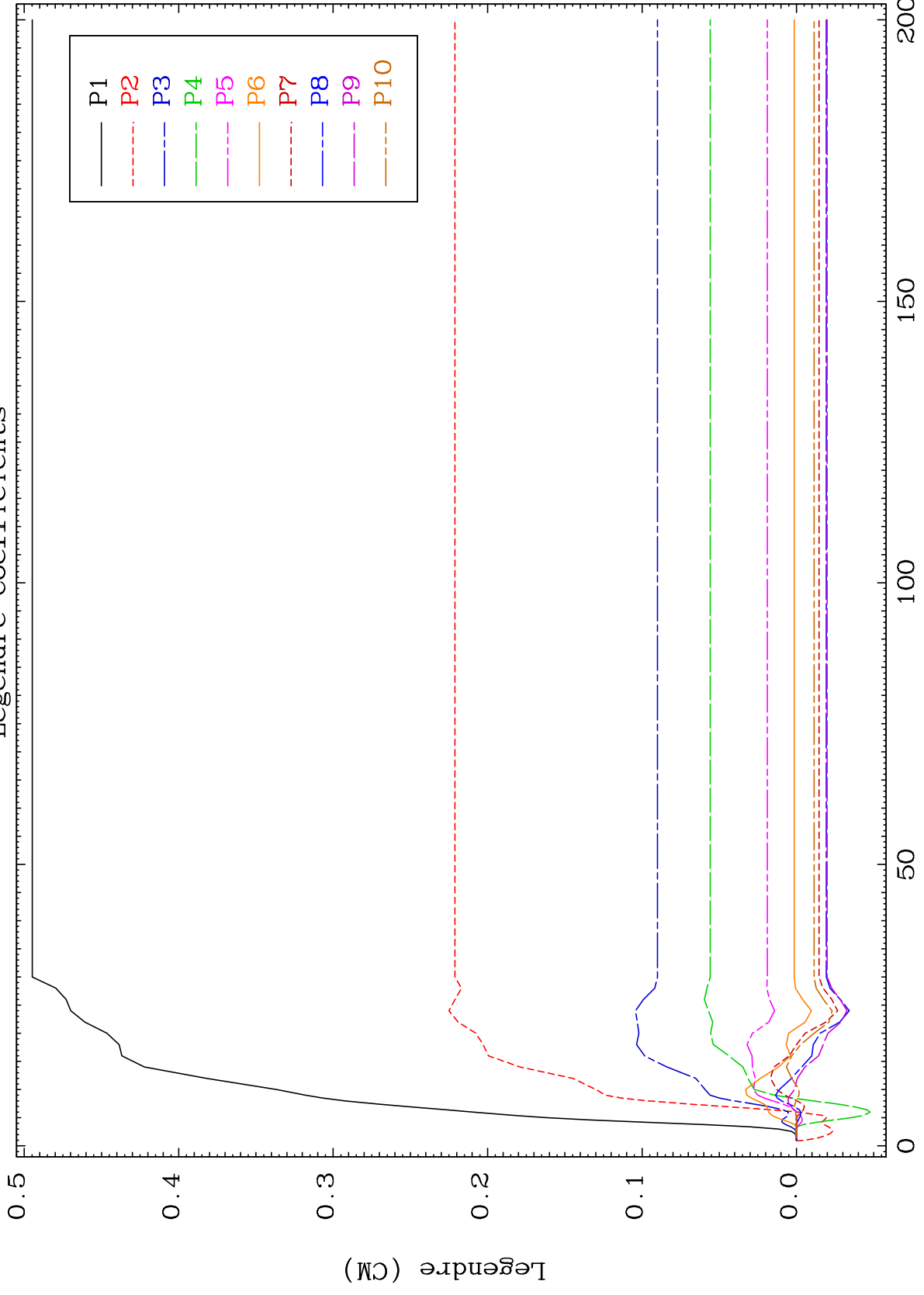
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



77-Ir-191

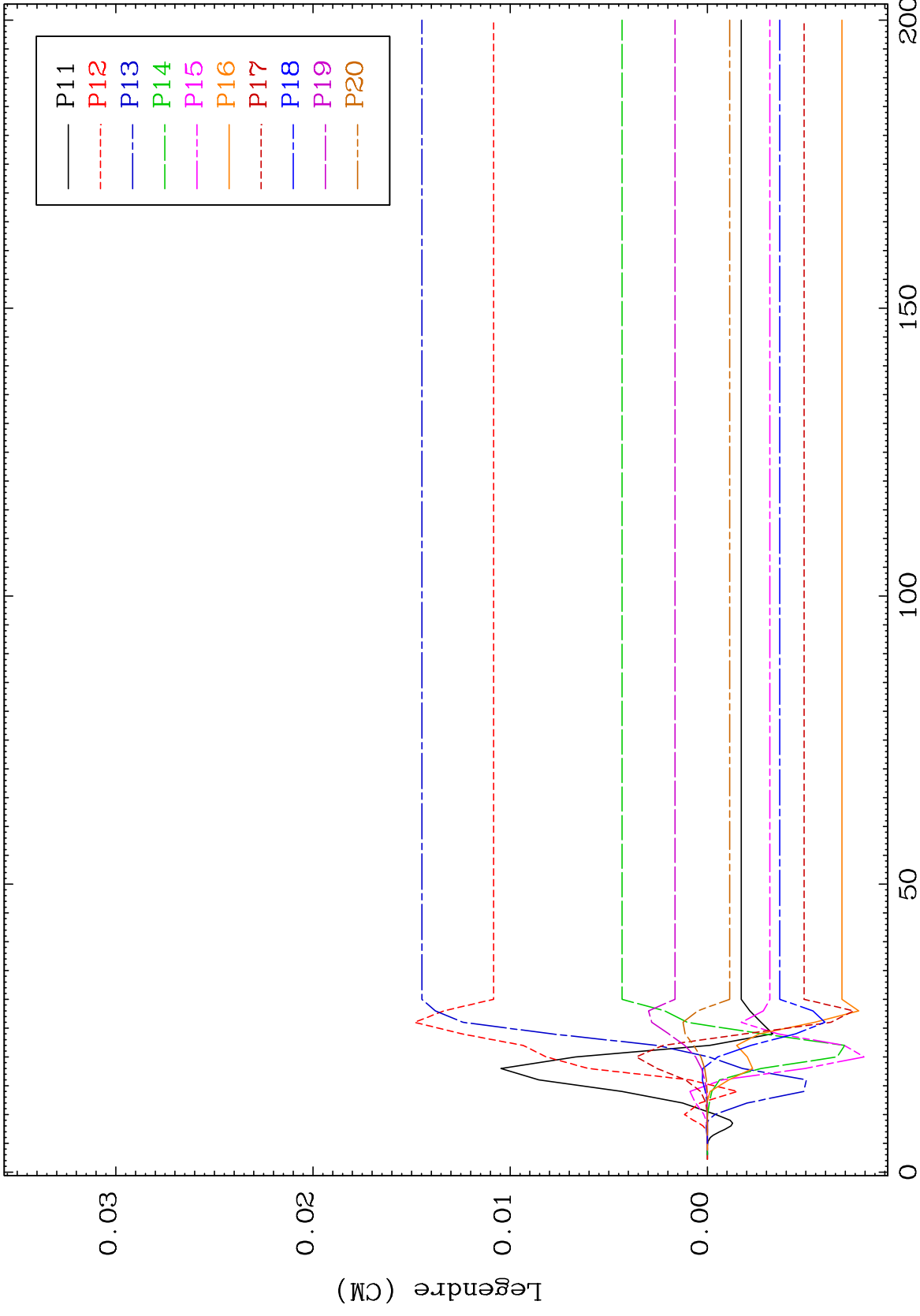
Incident Energy (MeV)

124

MAT 7725

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

77-Ir-191



125

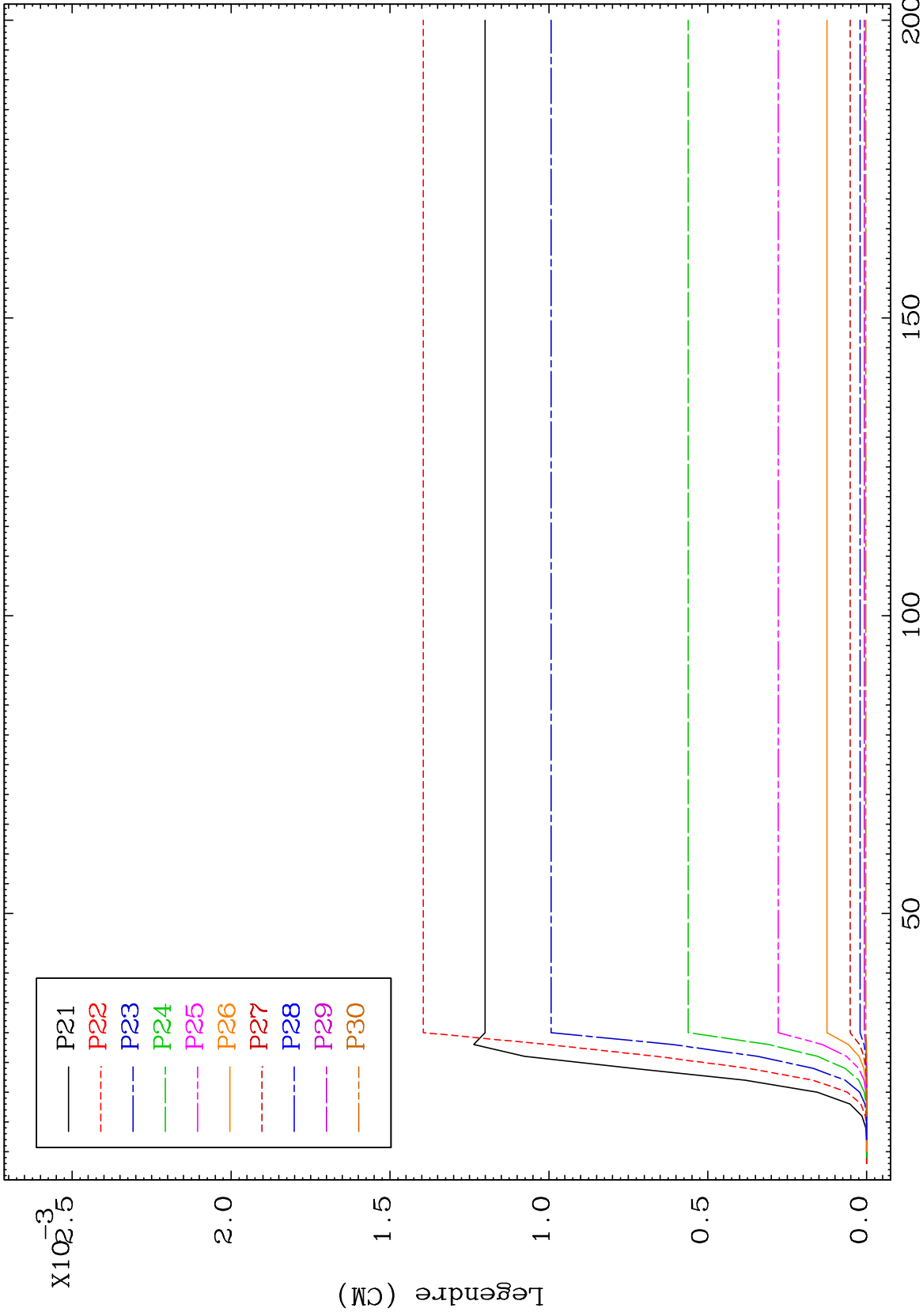
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



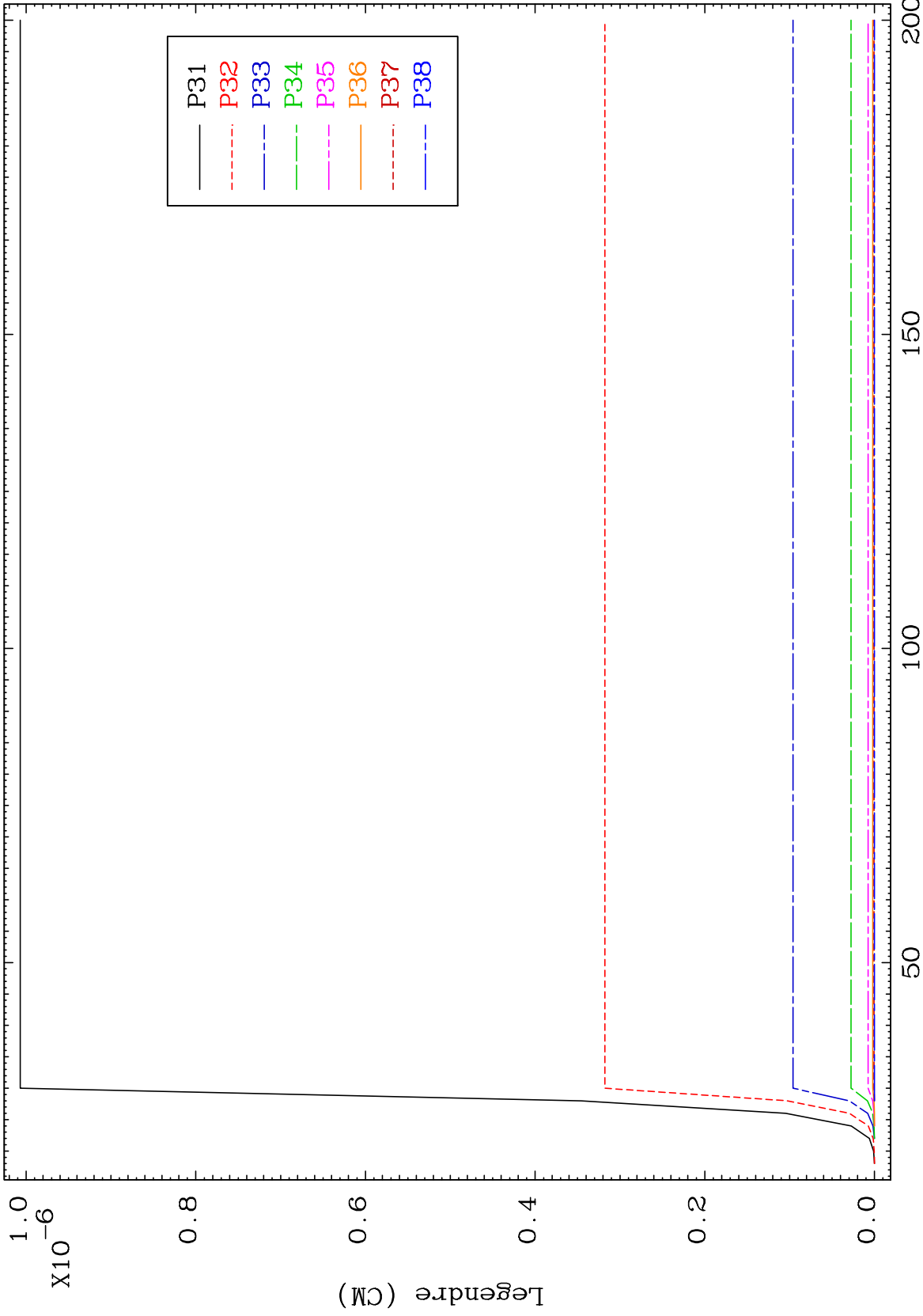
126

77-Ir-191

MAT 7725

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

77-Ir-191



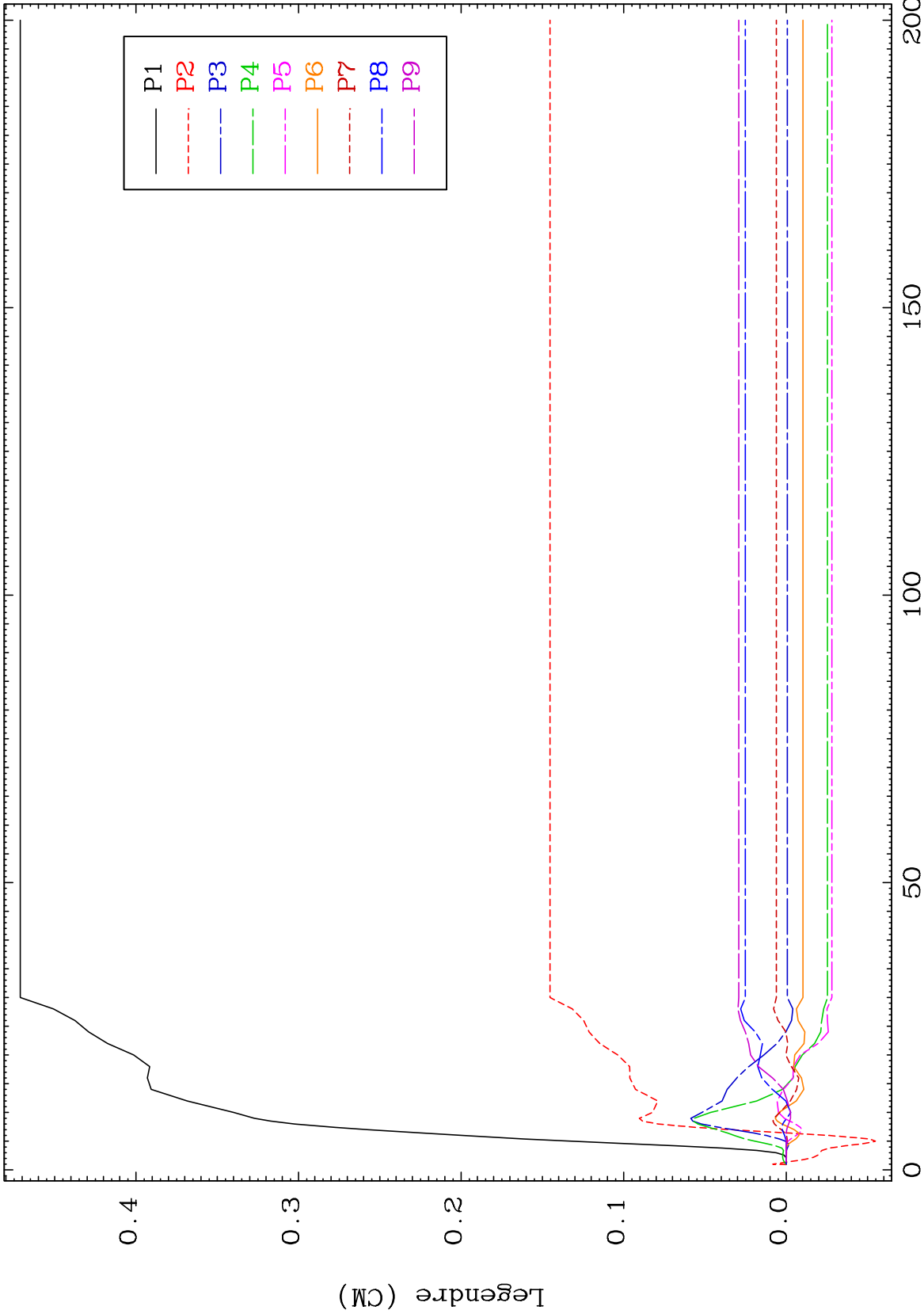
127

77-Ir-191

MAT 7725

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

77-Ir-191



128

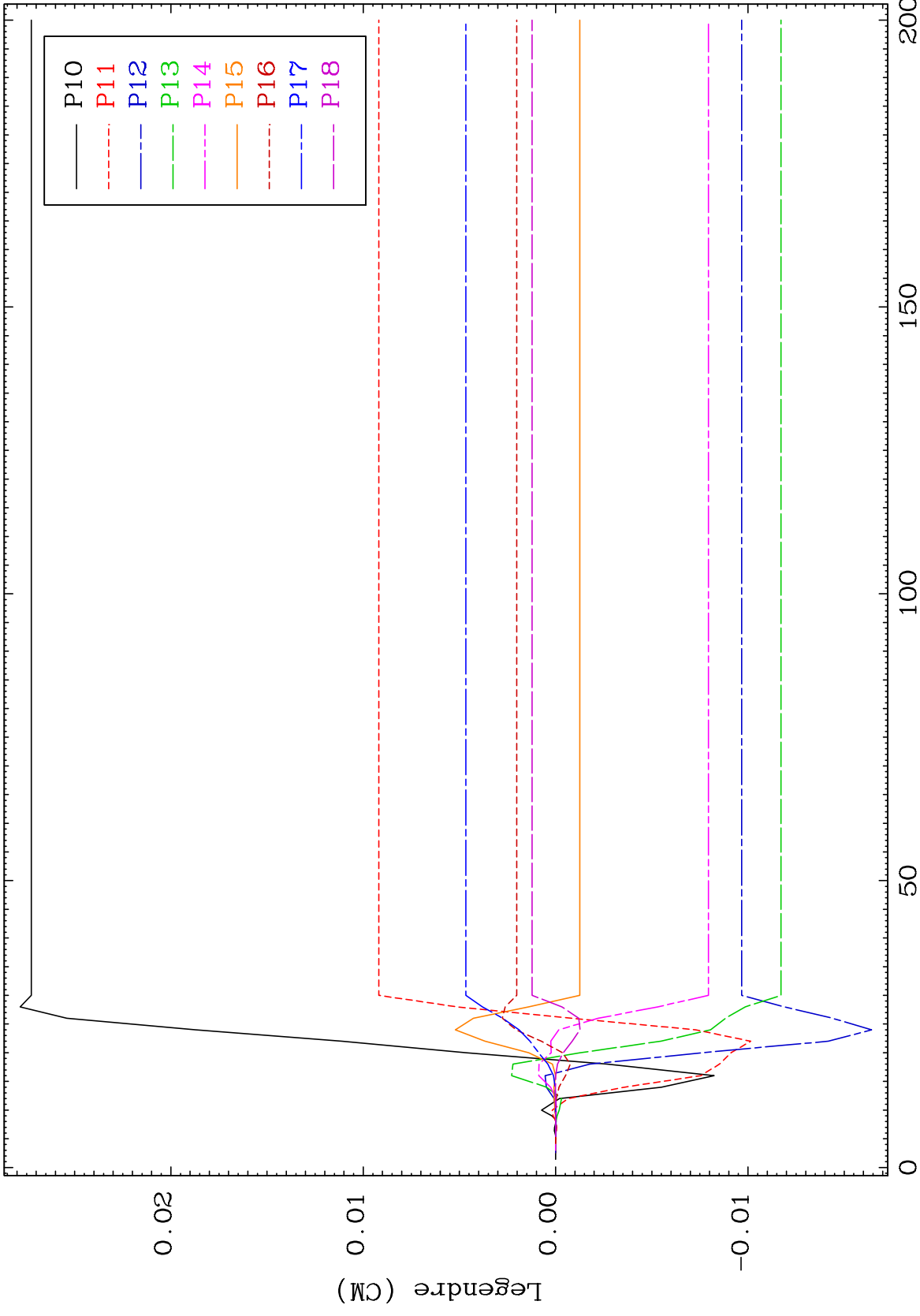
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



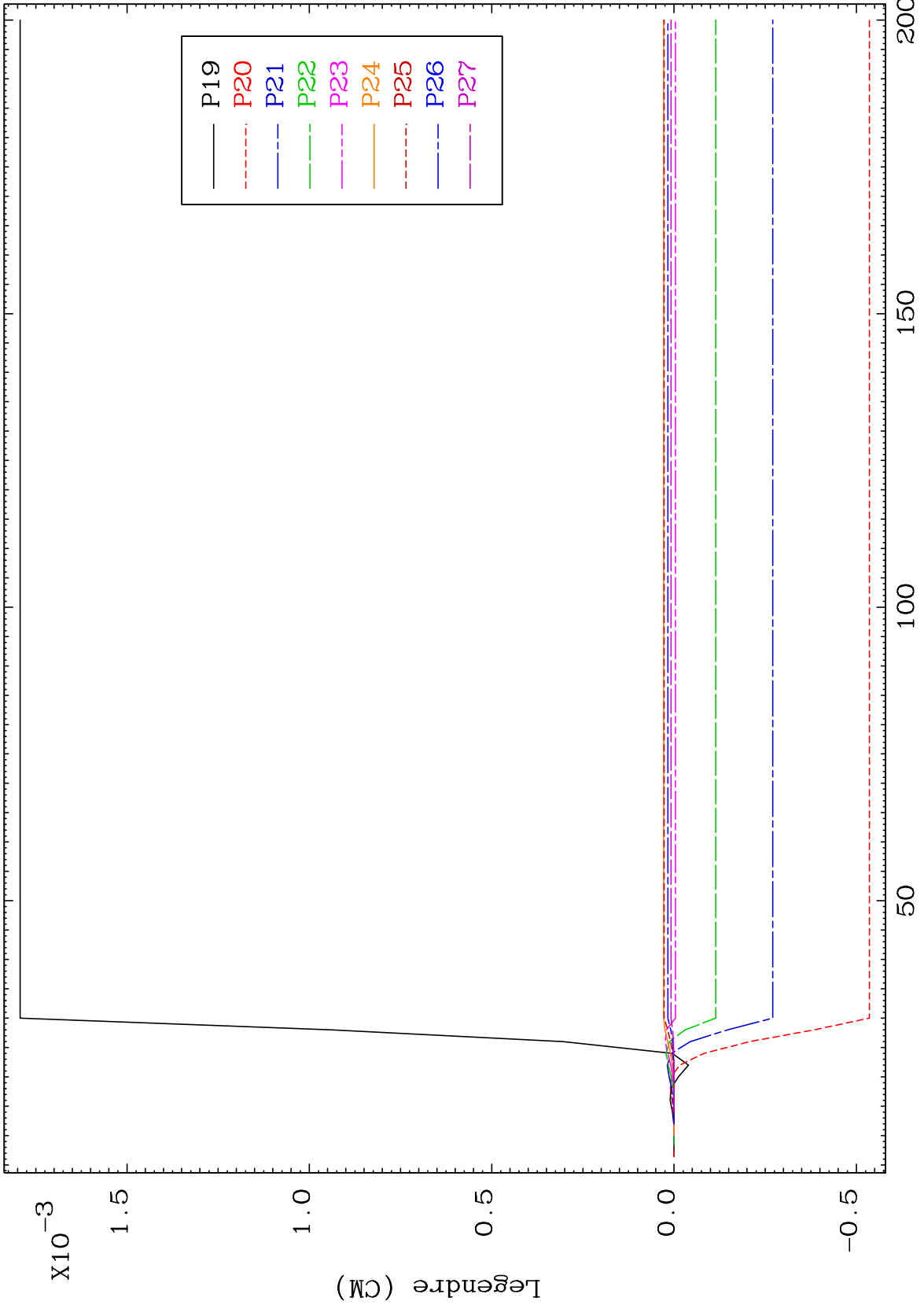
129

77-Ir-191

MAT 7725

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

77-Ir-191



130

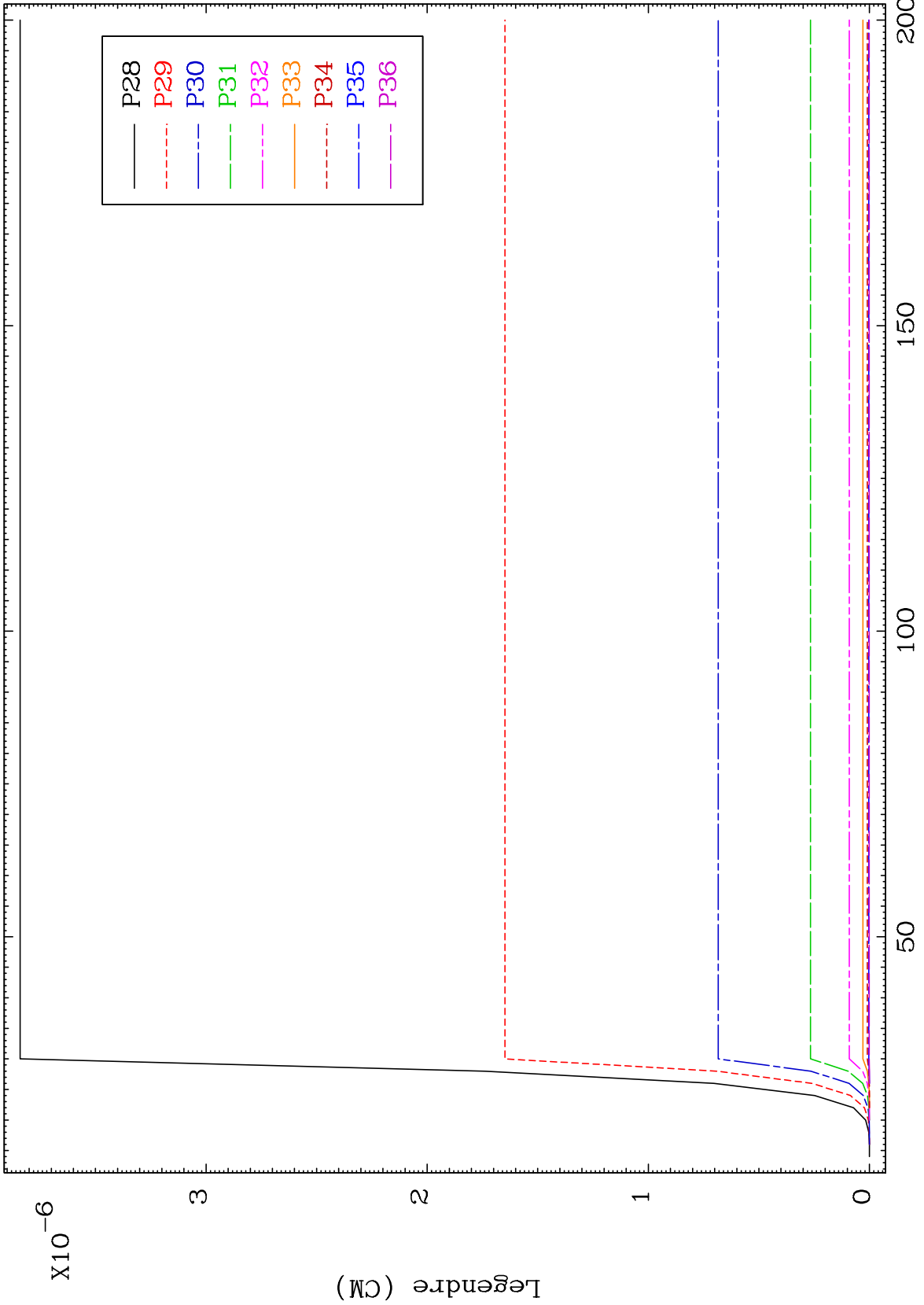
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



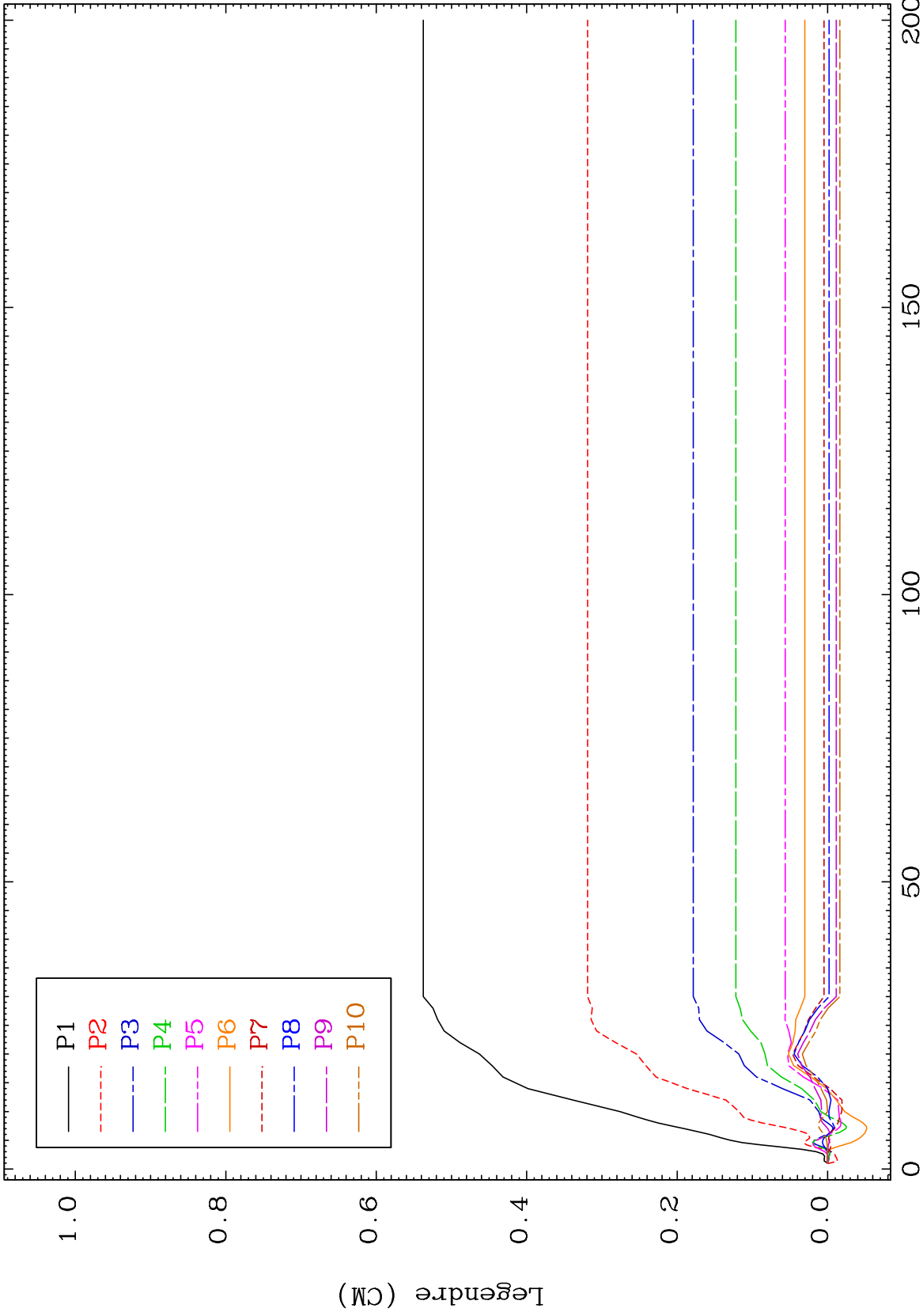
131

77-Ir-191

MAT 7725

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

77-Ir-191



132

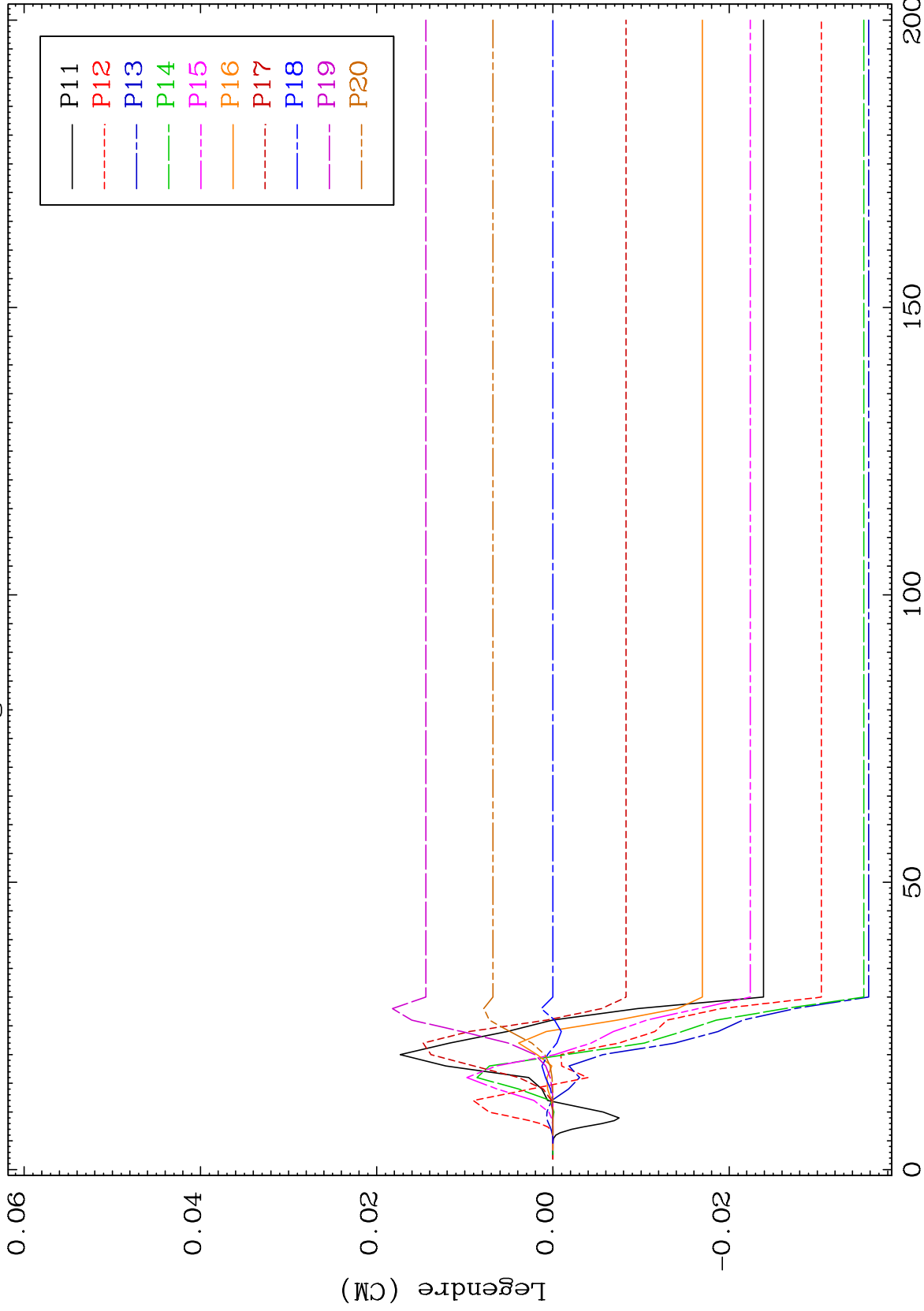
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



133

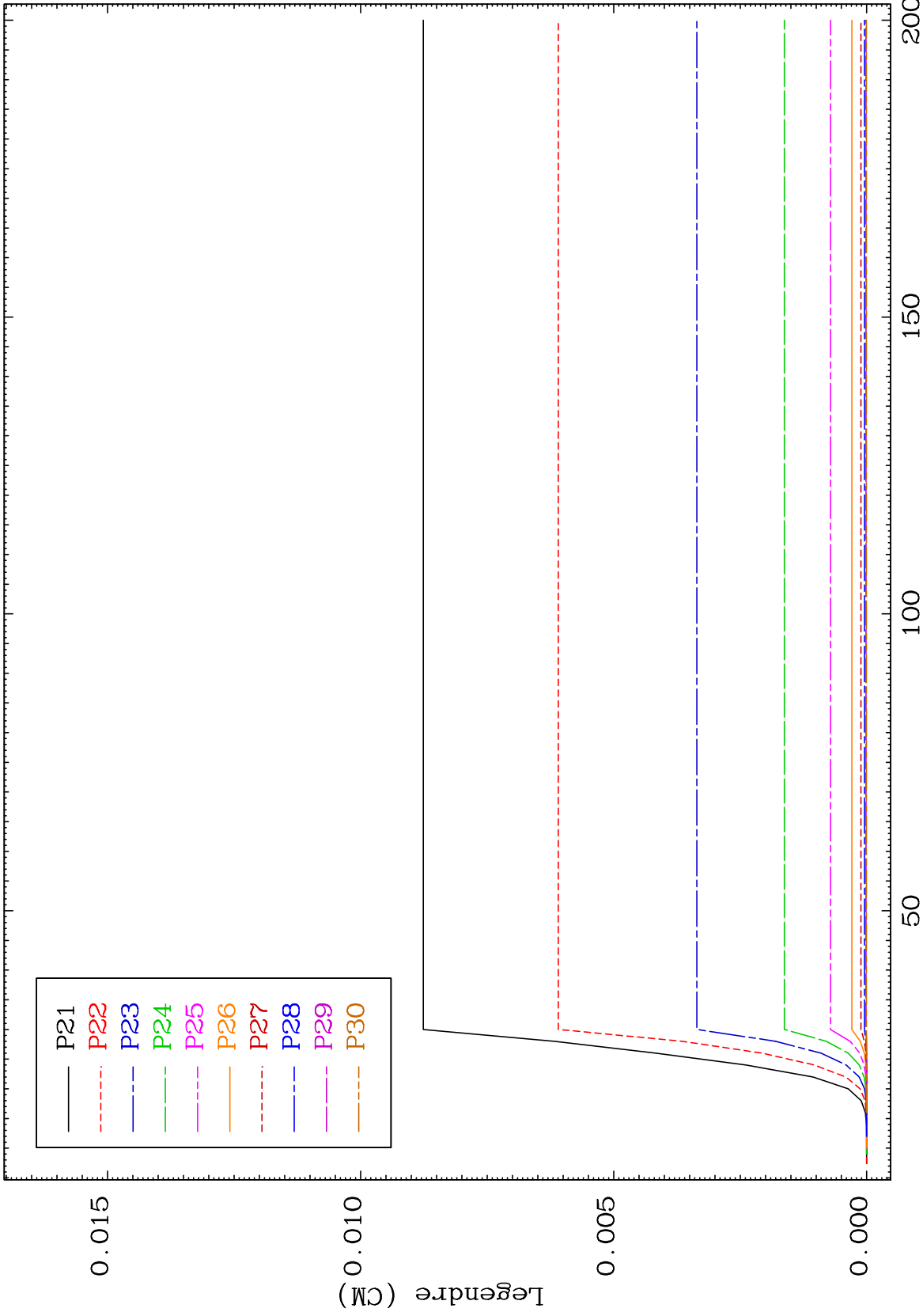
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



134

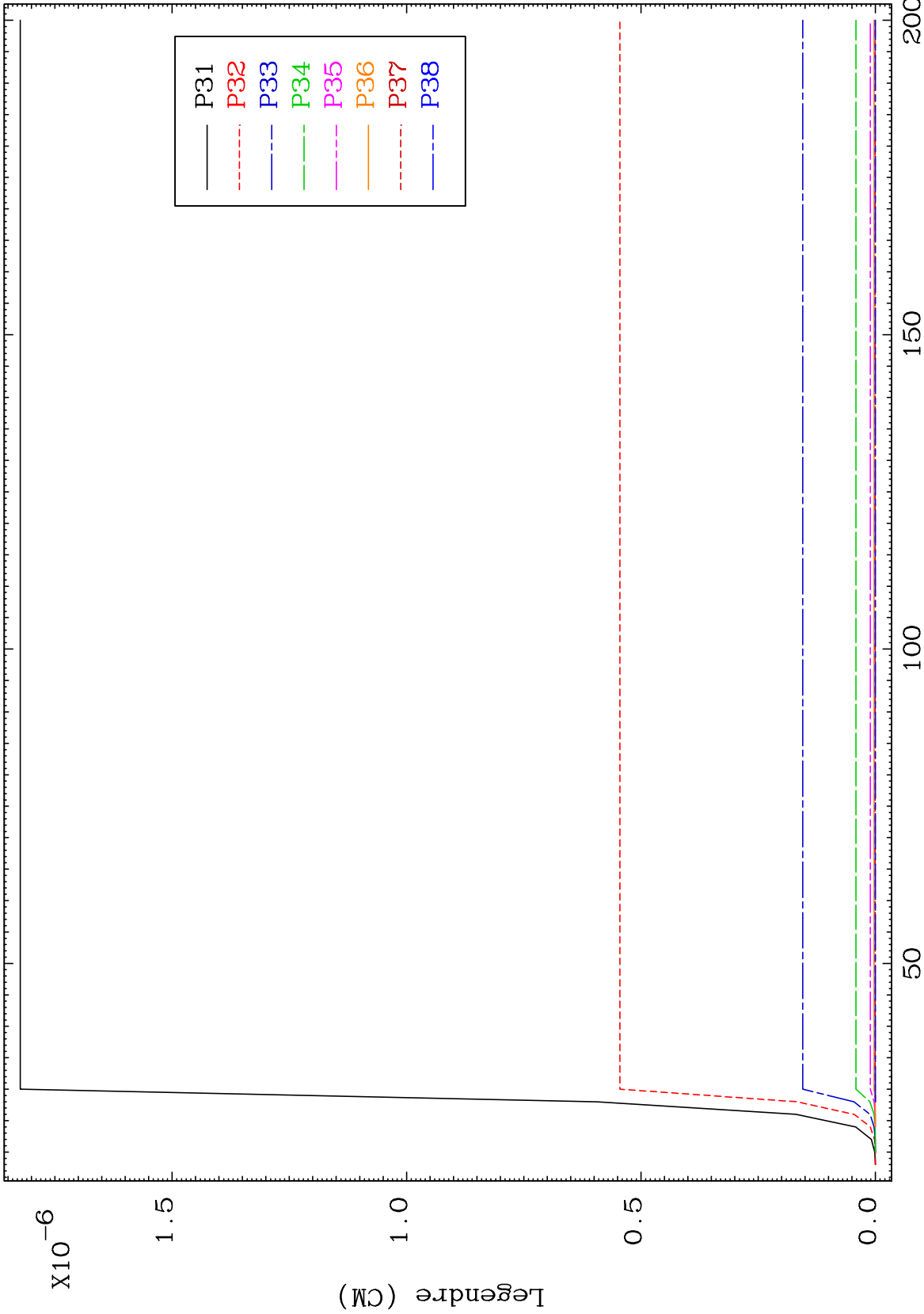
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



135

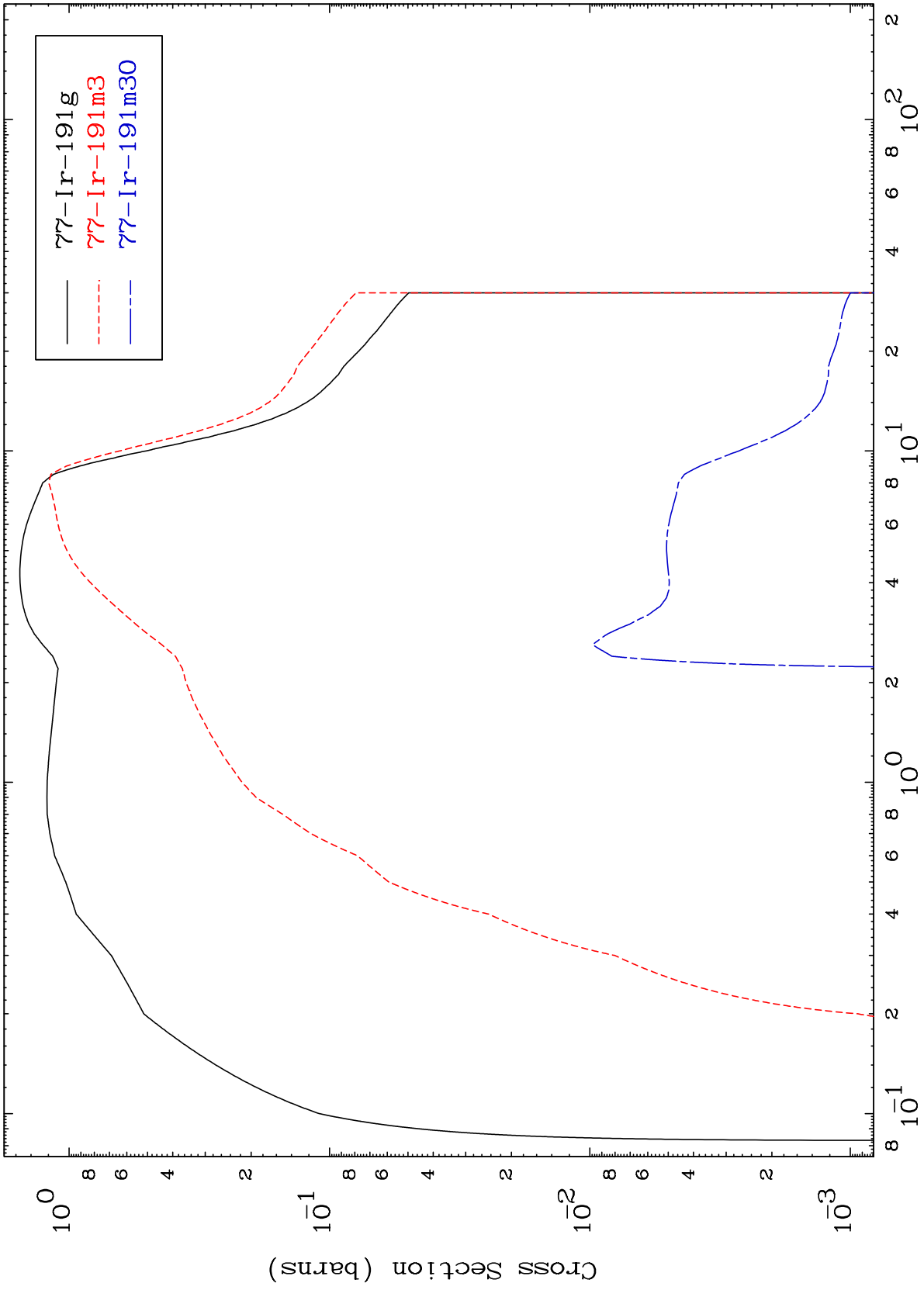
Incident Energy (MeV)

77-Ir-191

MAT 7725

Inelastic
Radionuclide Production Cross Section

77-Ir-191



136

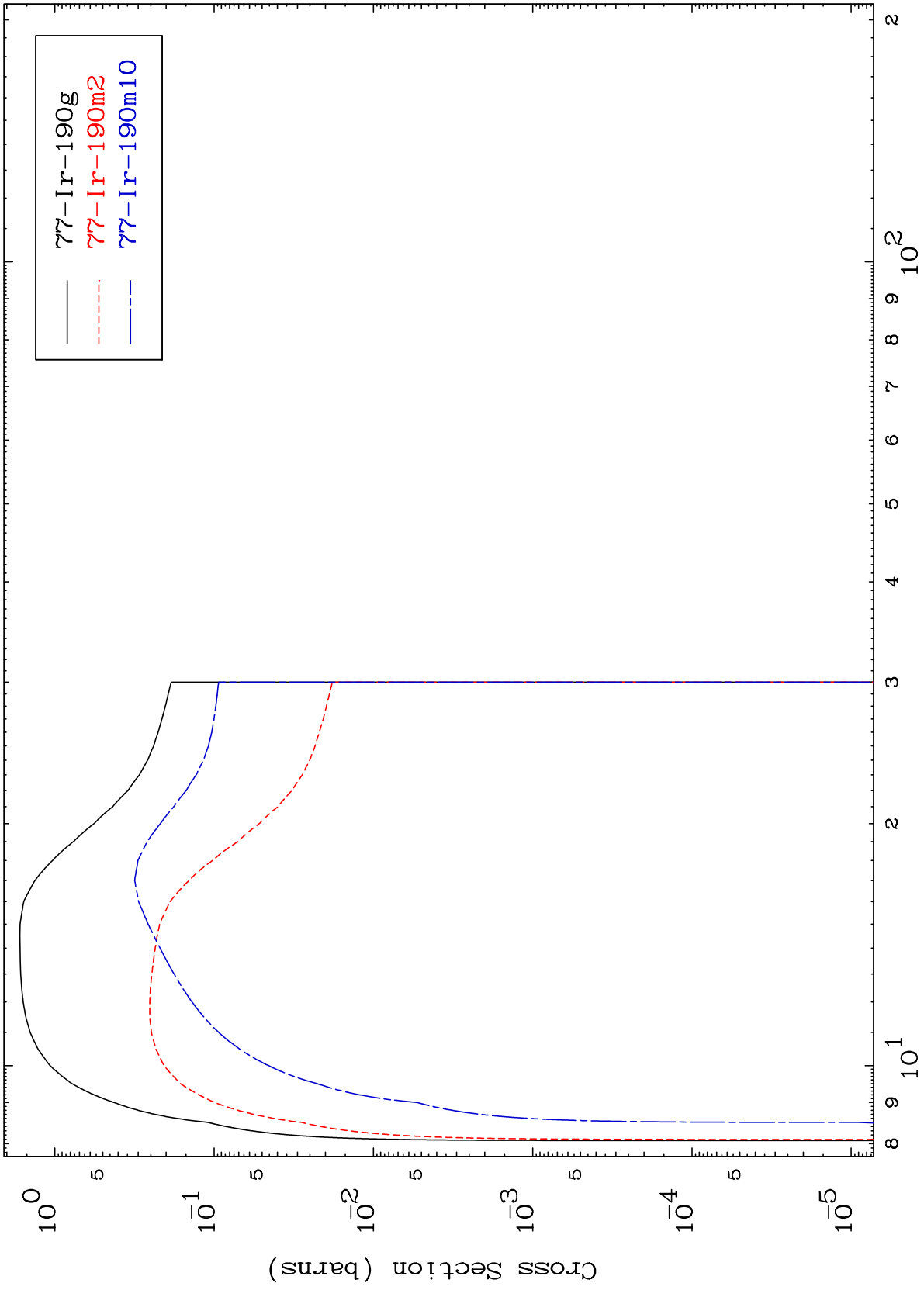
Incident Energy (MeV)

77-Ir-191

MAT 7725

77-Ir-191

(n,2n)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

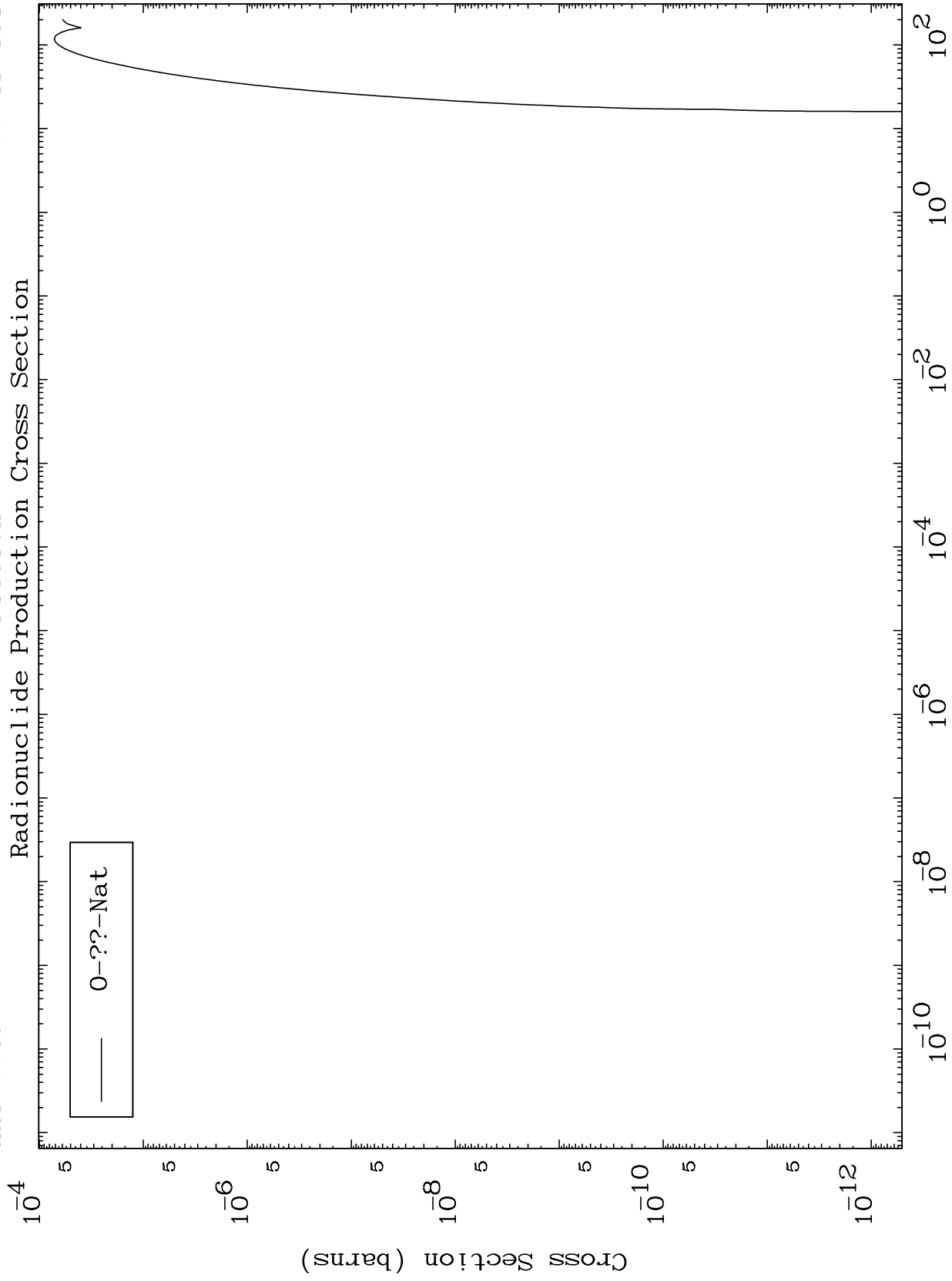
77-Ir-191

MAT 7725

Fission

77-Ir-191

Radionuclide Production Cross Section



138

Incident Energy (MeV)

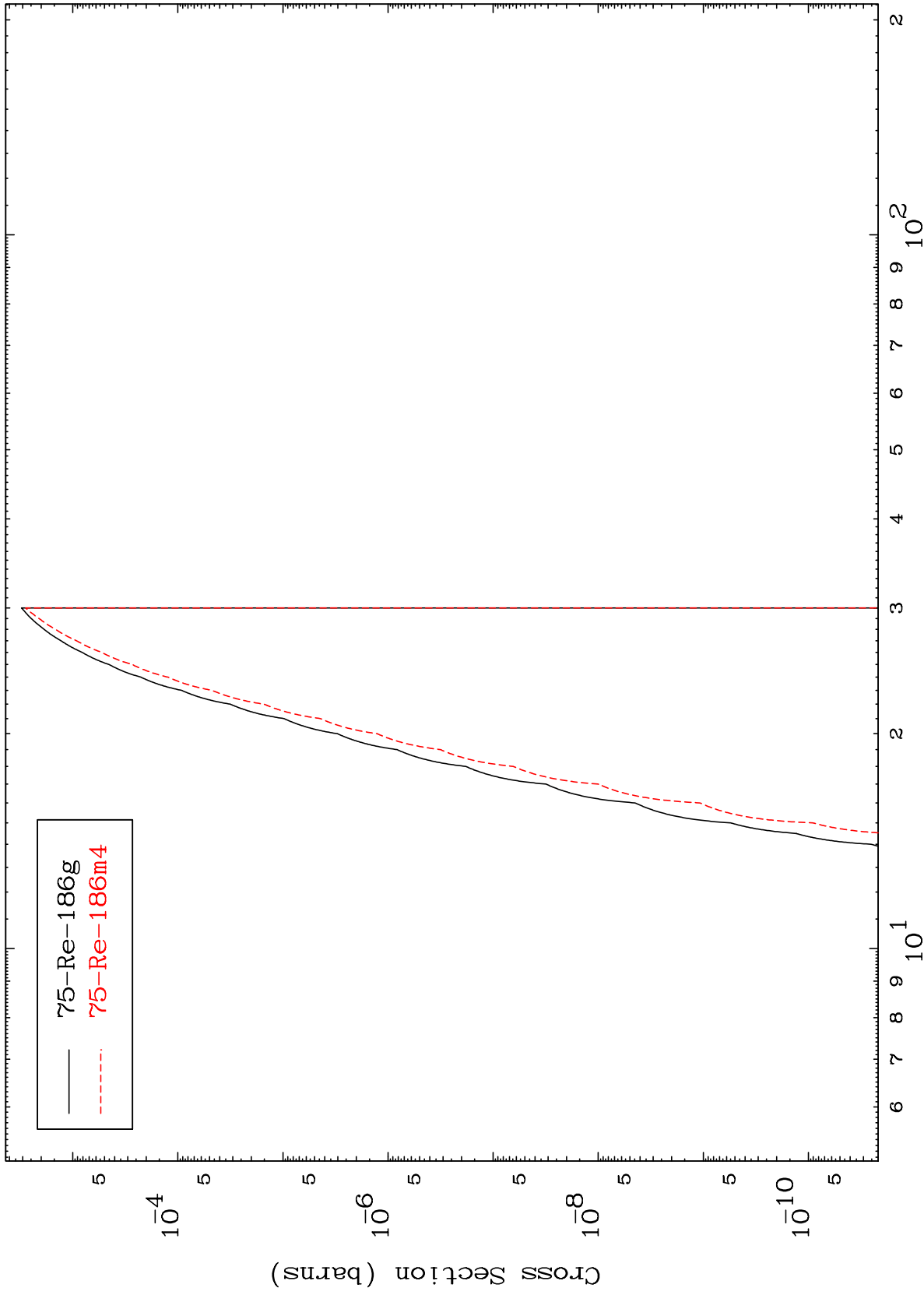
77-Ir-191

MAT 7725

$(n, 2n) \alpha$

$^{77}\text{Ir-191}$

Radionuclide Production Cross Section



139

Incident Energy (MeV)

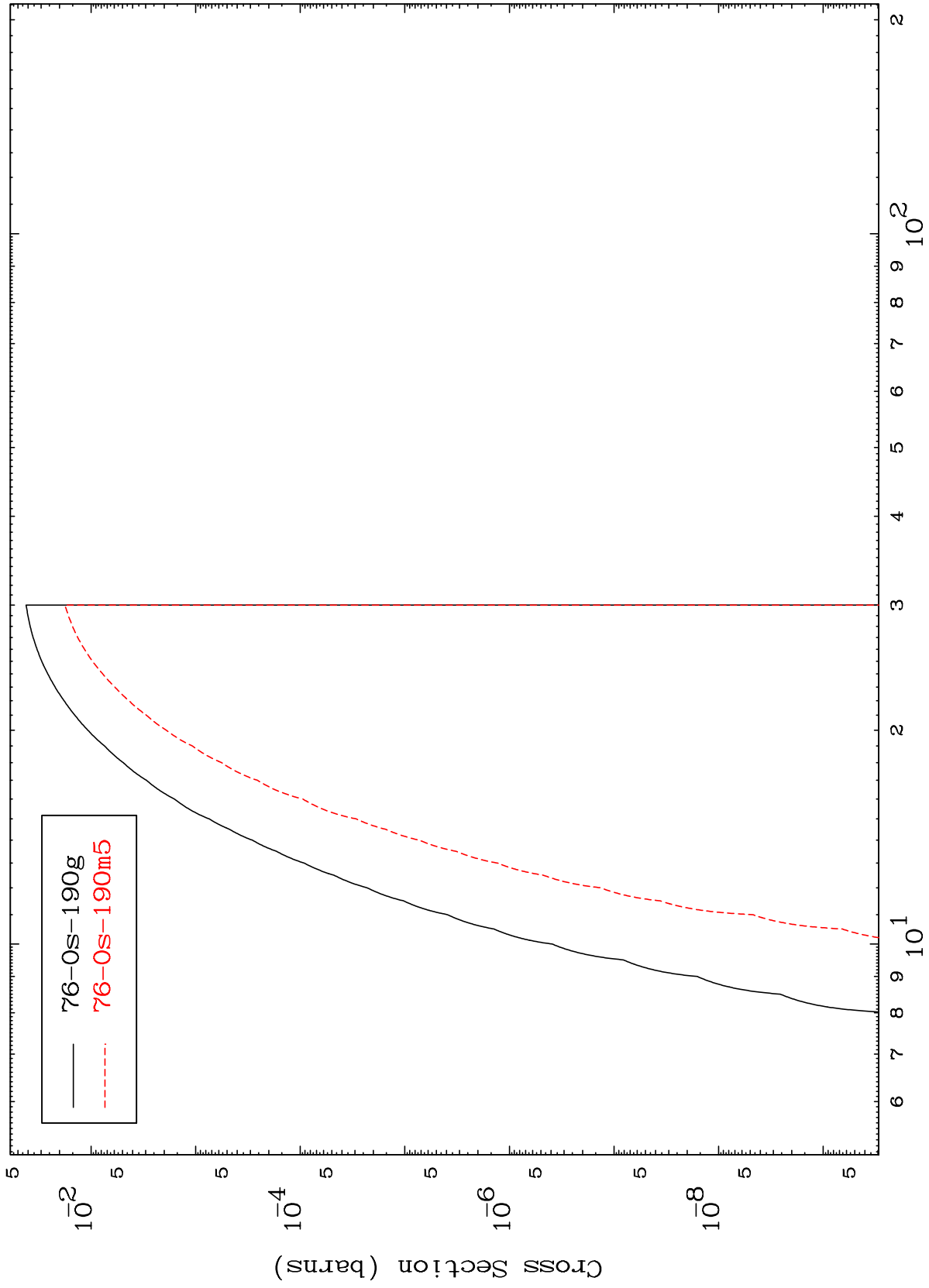
$^{77}\text{Ir-191}$

MAT 7725

(n,n') p

77-Ir-191

Radionuclide Production Cross Section



140

Incident Energy (MeV)

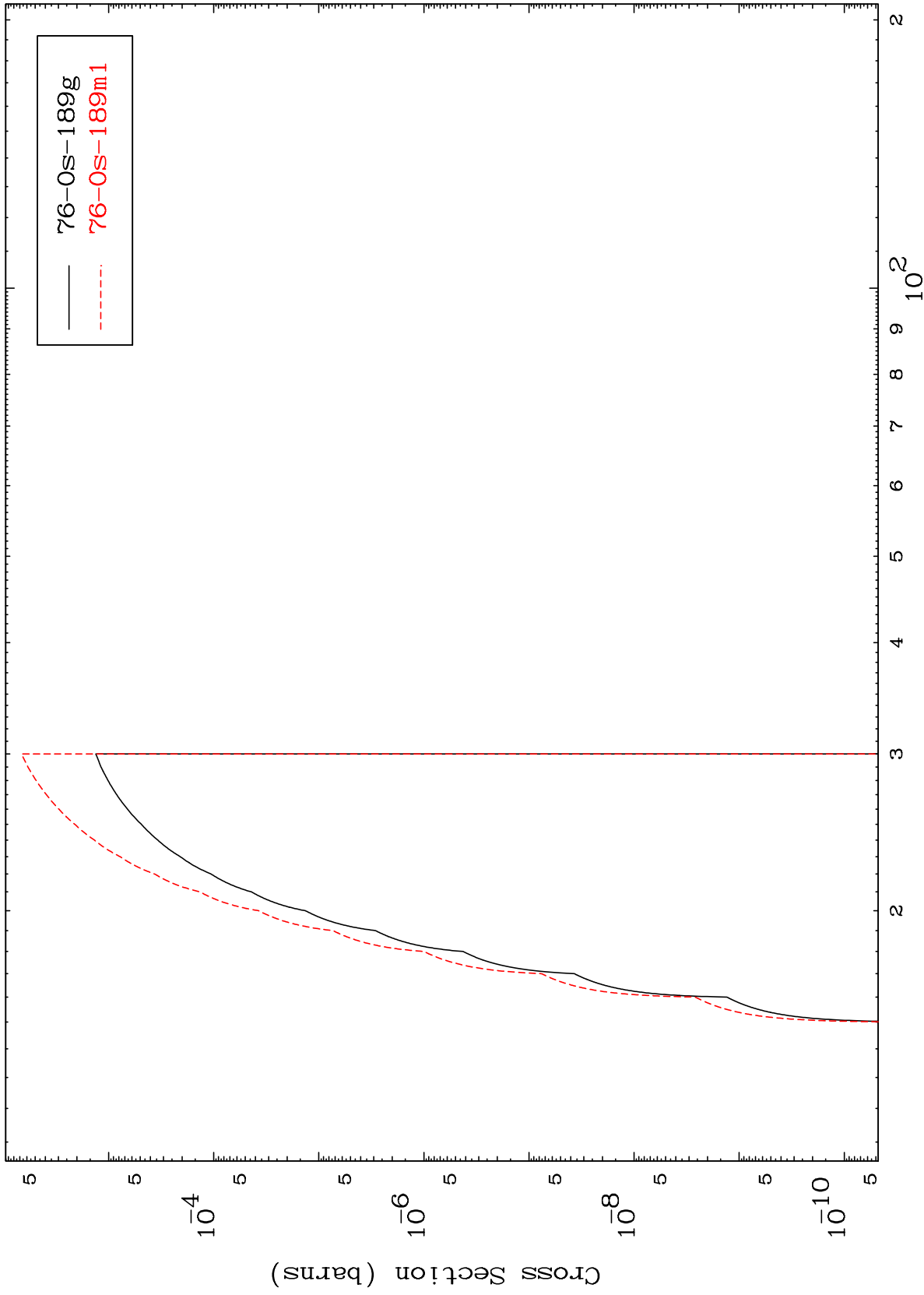
77-Ir-191

MAT 7725

(n,n') d

77-Ir-191

Radionuclide Production Cross Section



141

Incident Energy (MeV)

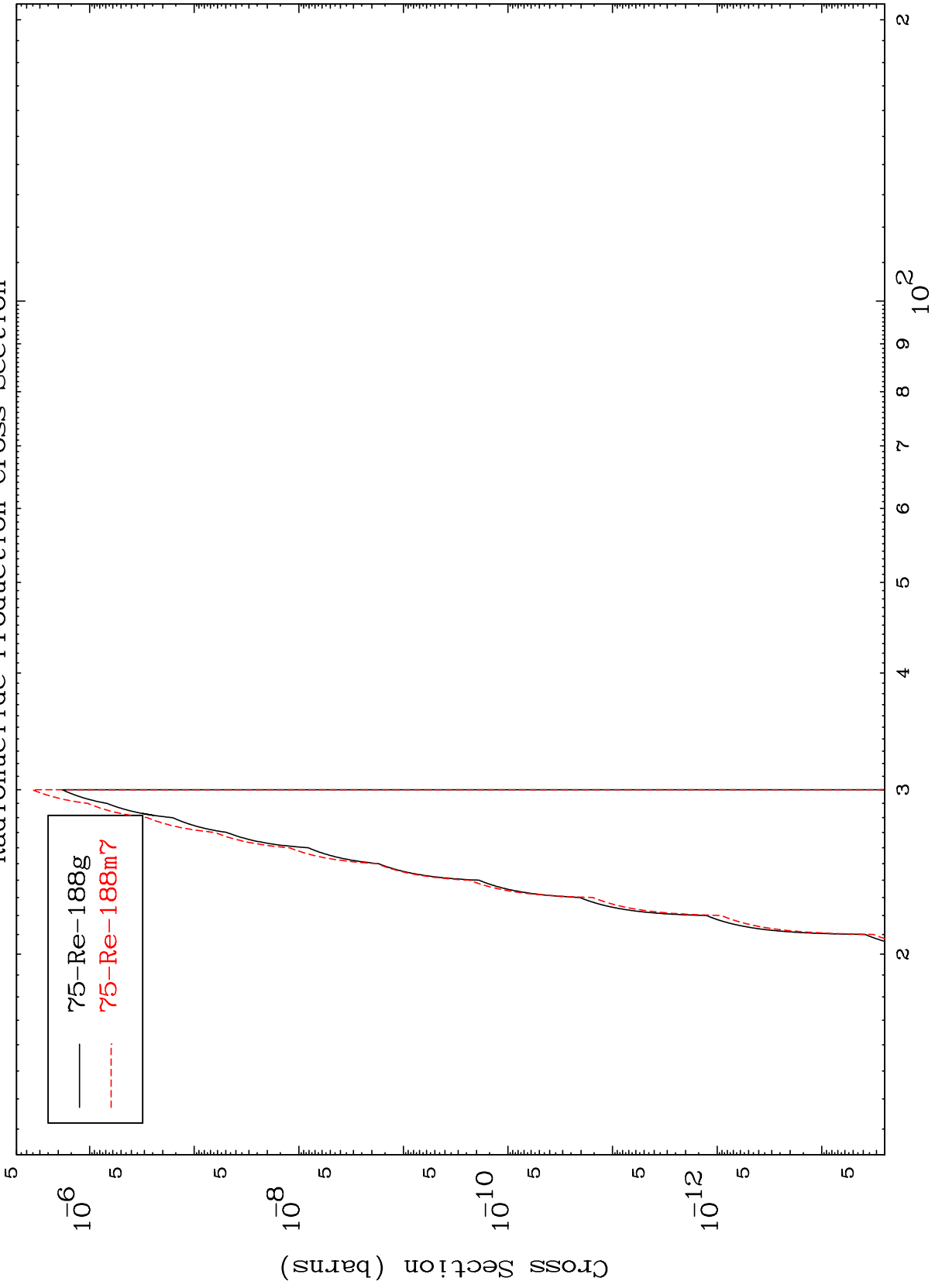
77-Ir-191

MAT 7725

(n, n') He-3

77-Ir-191

Radionuclide Production Cross Section



142

Incident Energy (MeV)

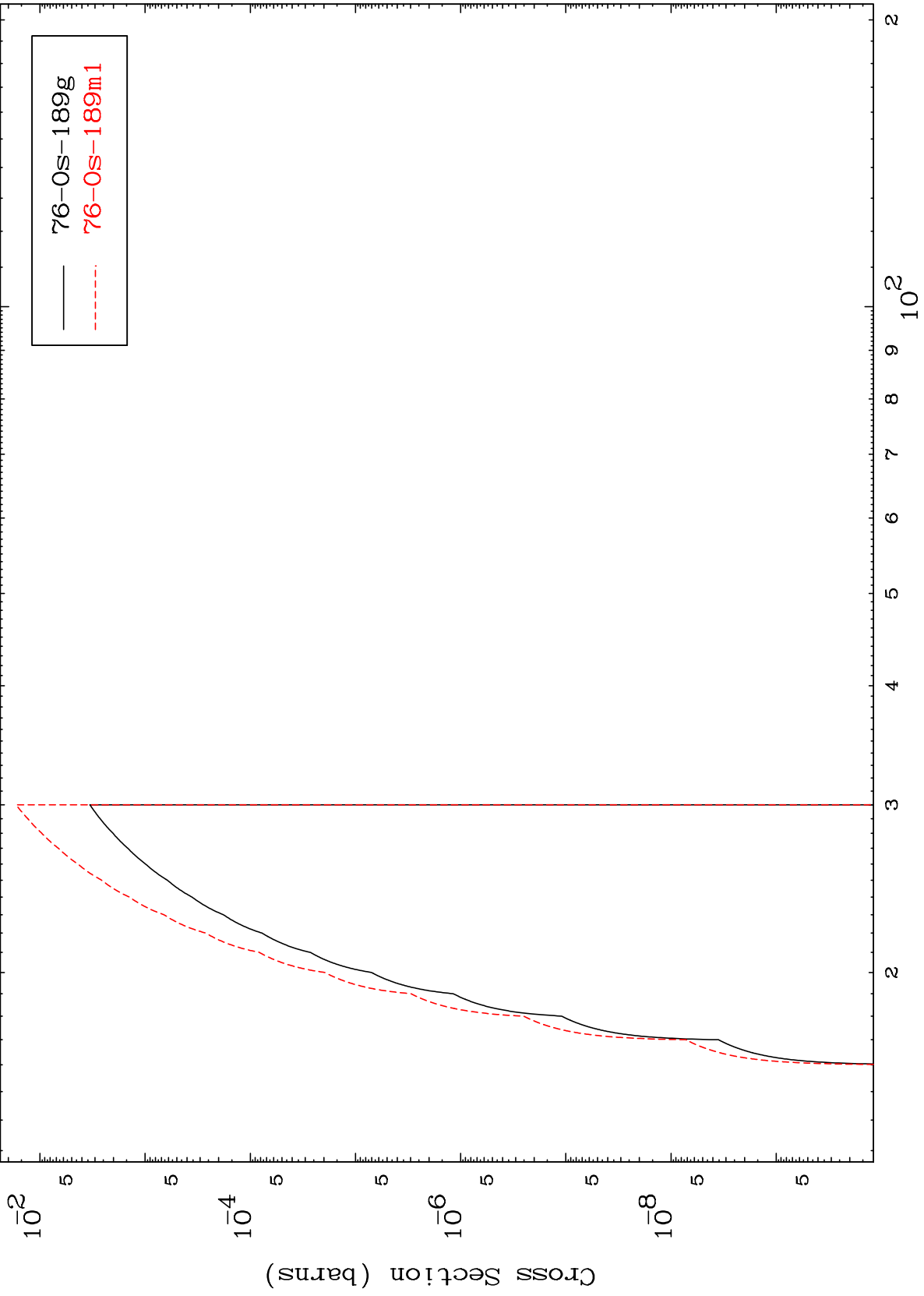
77-Ir-191

MAT 7725

(n,2n) p

77-Ir-191

Radionuclide Production Cross Section



143

Incident Energy (MeV)

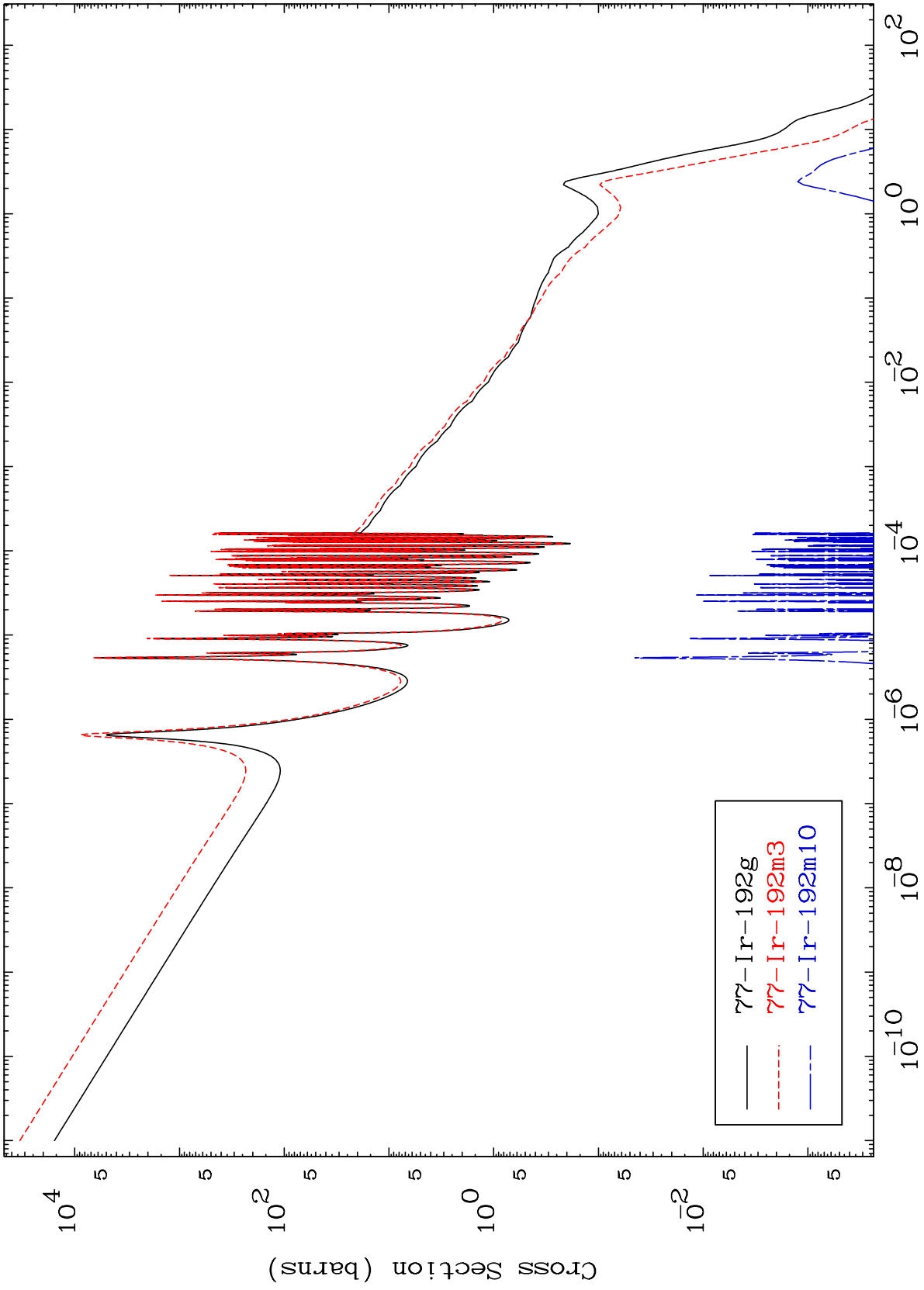
77-Ir-191

MAT 7725

(n,γ)

77-Ir-191

Radionuclide Production Cross Section

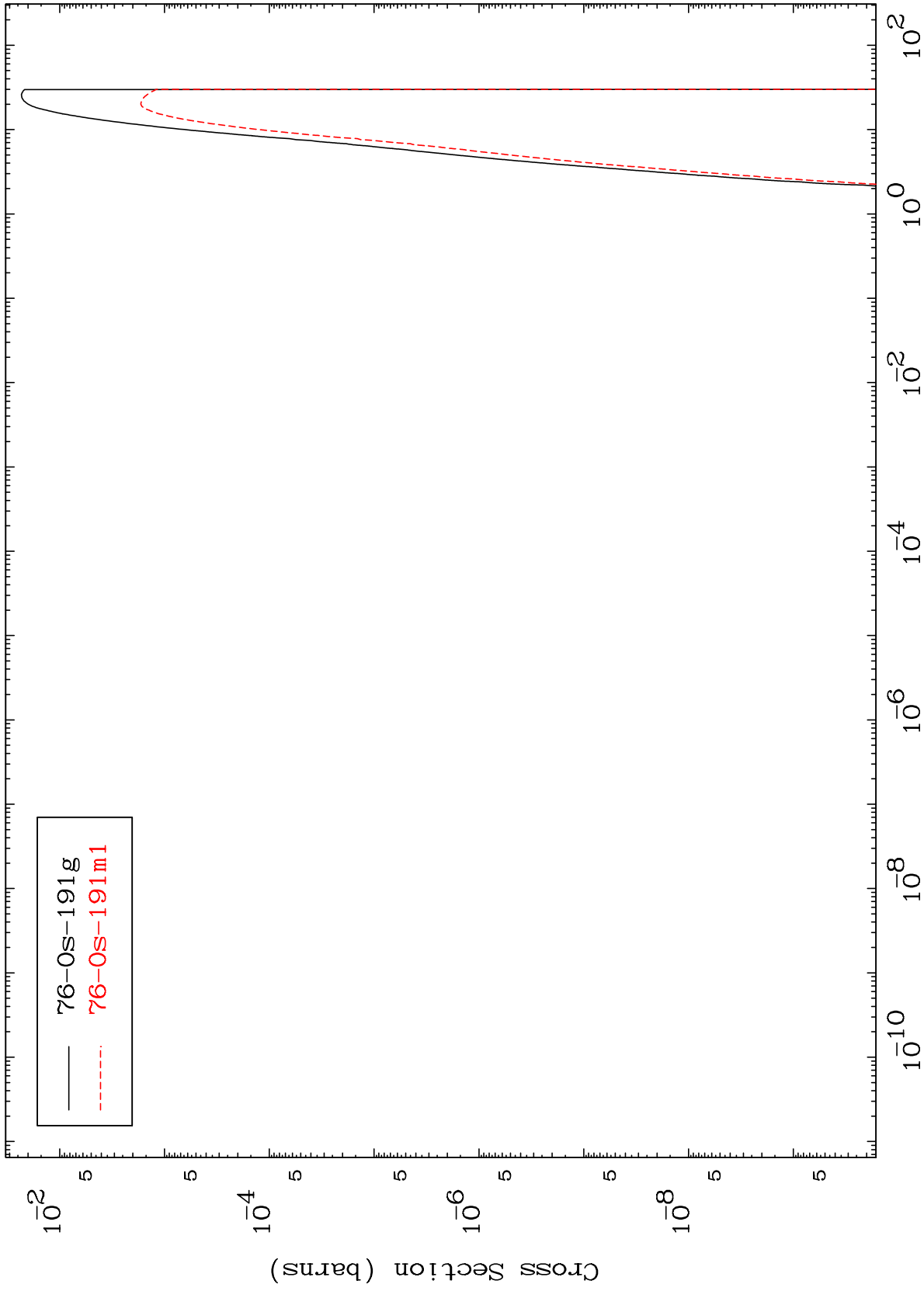


MAT 7725

(n,p)

77-Ir-191

Radionuclide Production Cross Section



145

Incident Energy (MeV)

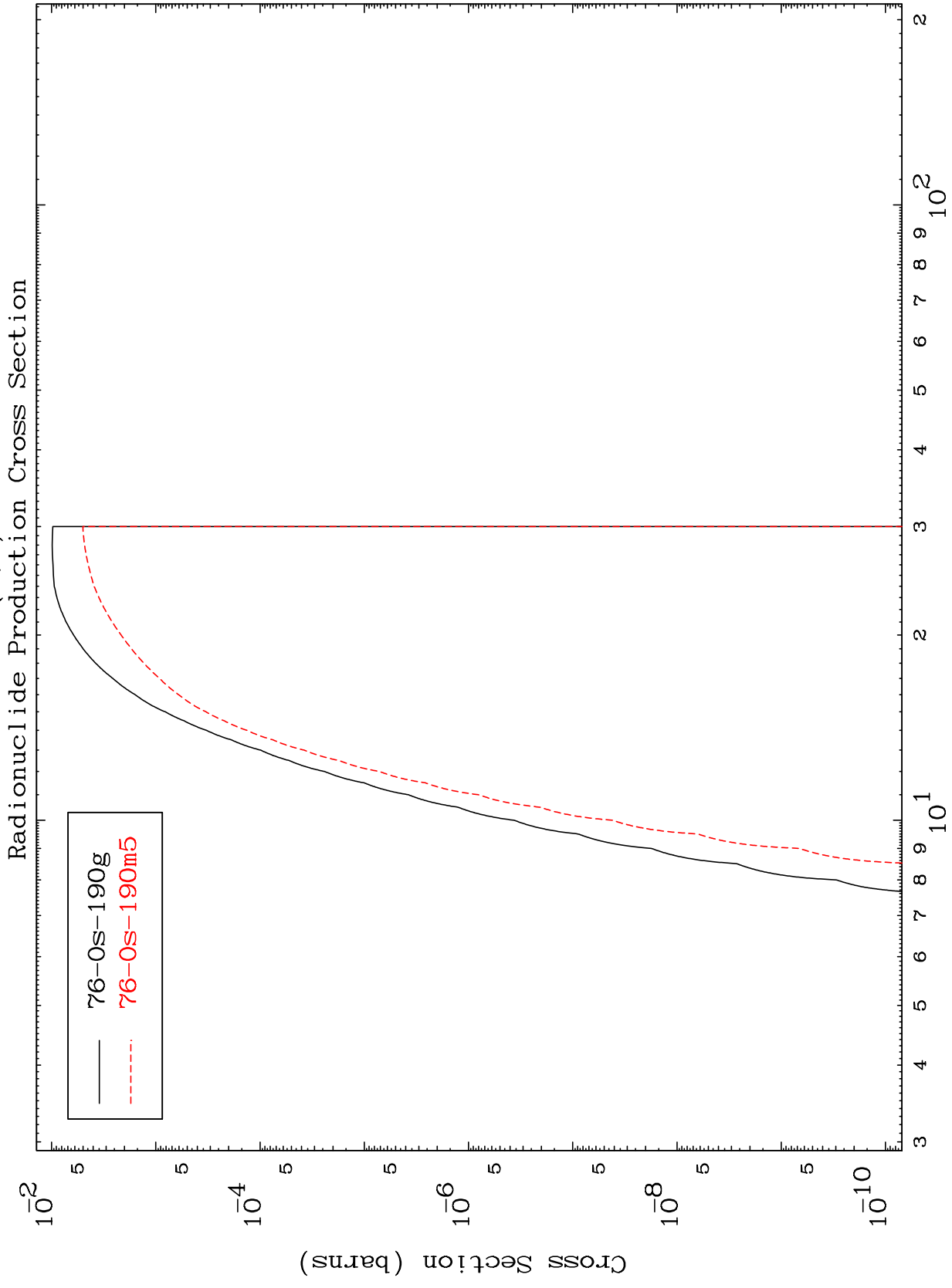
77-Ir-191

MAT 7725

77-Ir-191

Radionuclide Production Cross Section

(n,d)



76-Os-190g
76-Os-190m5

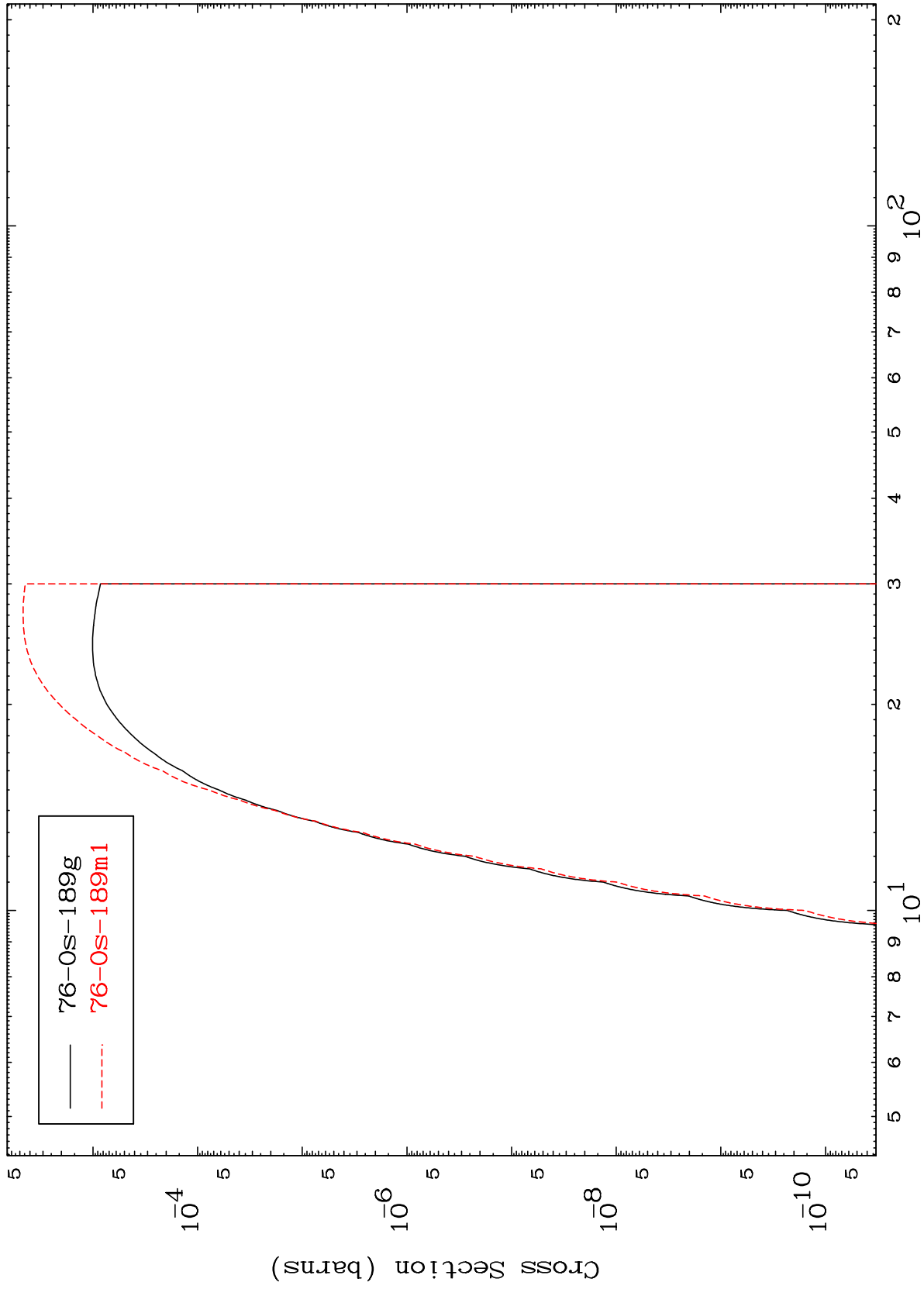
146

77-Ir-191

MAT 7725

77-Ir-191

(n, t)
Radionuclide Production Cross Section



147

Incident Energy (MeV)

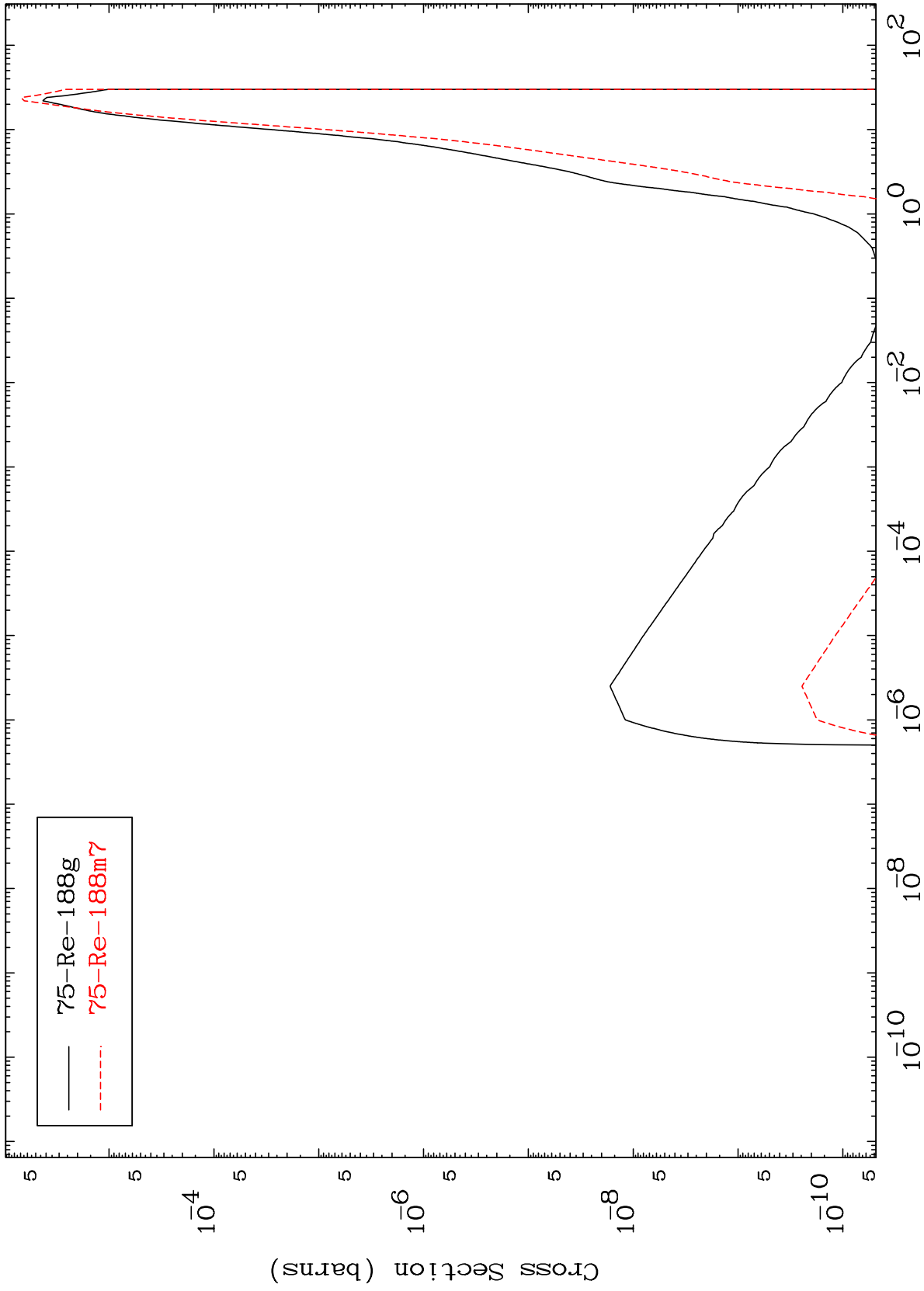
77-Ir-191

MAT 7725

(n, α)

77-Ir-191

Radionuclide Production Cross Section



148

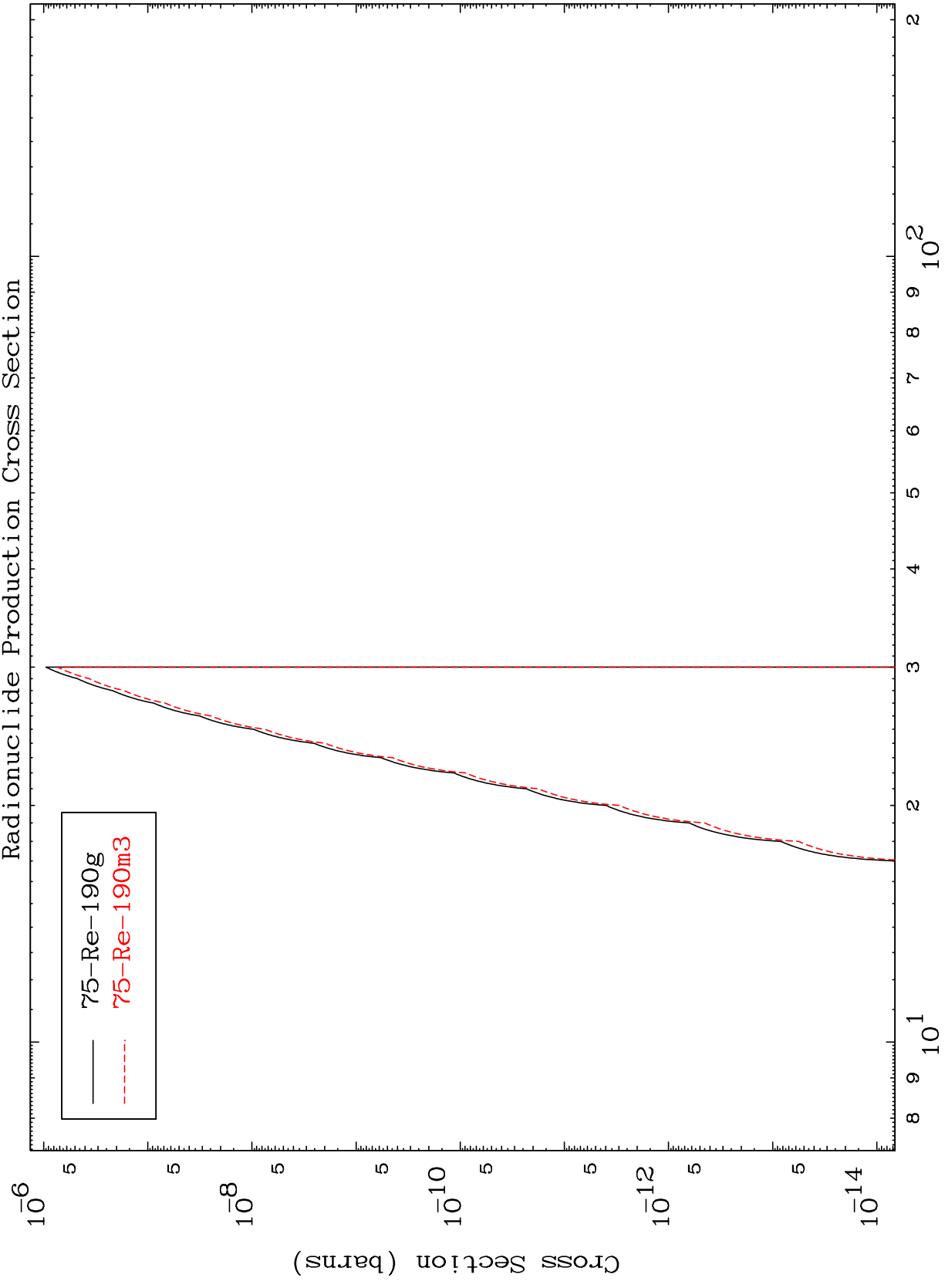
Incident Energy (MeV)

77-Ir-191

MAT 7725

77-Ir-191

Radionuclide Production Cross Section



75-Re-190g
75-Re-190m3

149

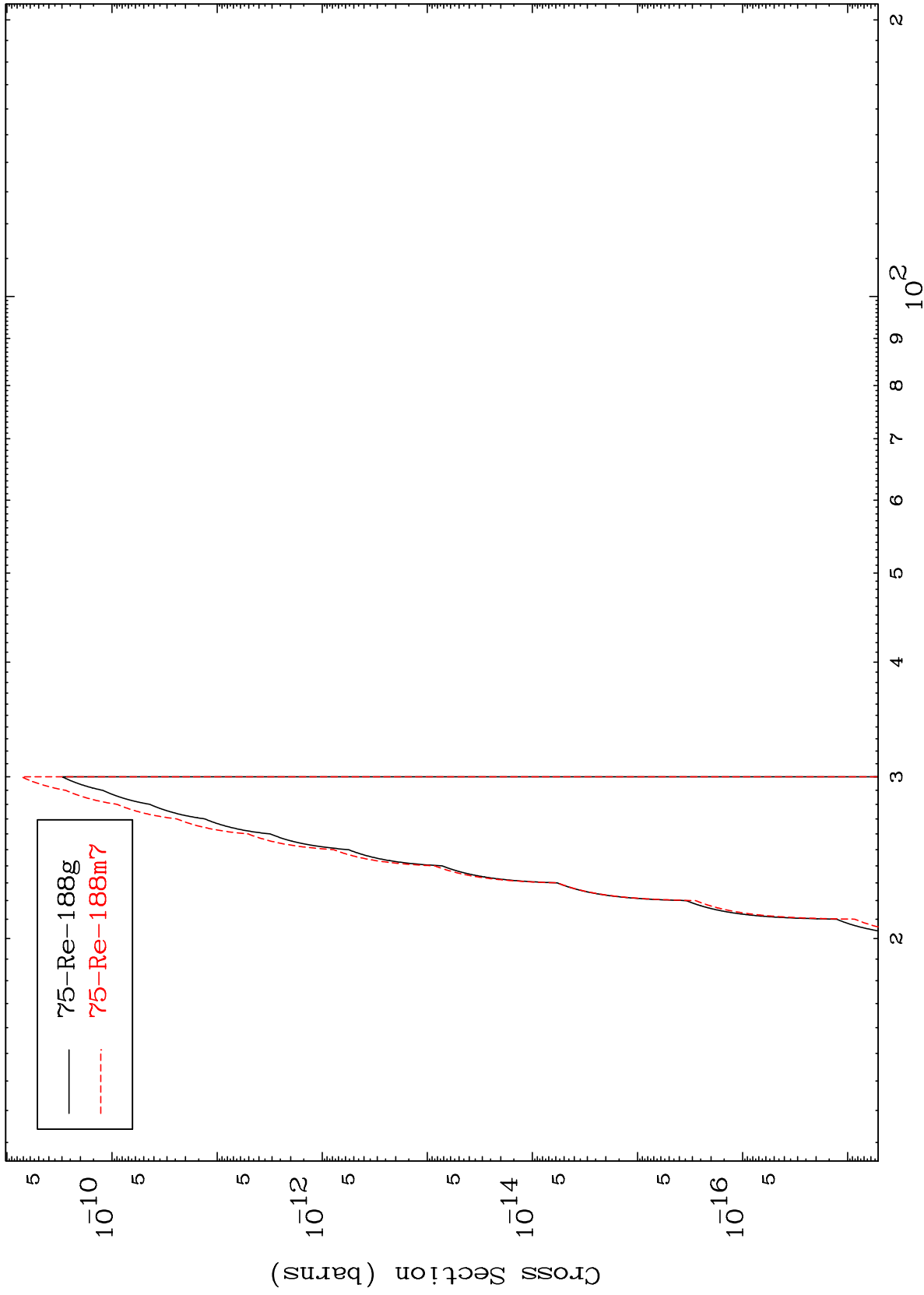
77-Ir-191

MAT 7725

(n,p) t

77-Ir-191

Radionuclide Production Cross Section



150

Incident Energy (MeV)

77-Ir-191