

Program EVALPLOT
(Version 2018-1)

by

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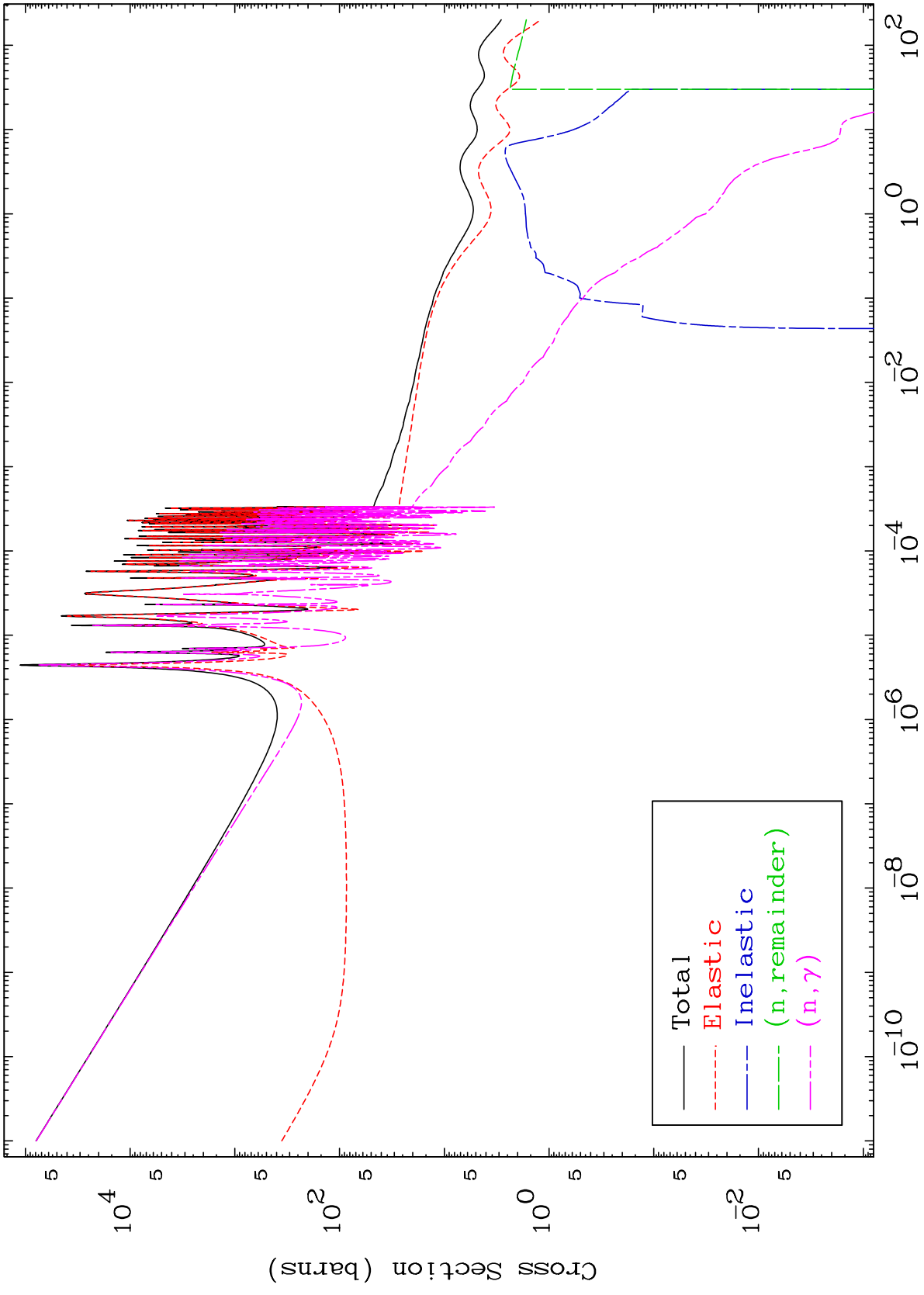
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7734

Major
293 Kelvin Cross Sections

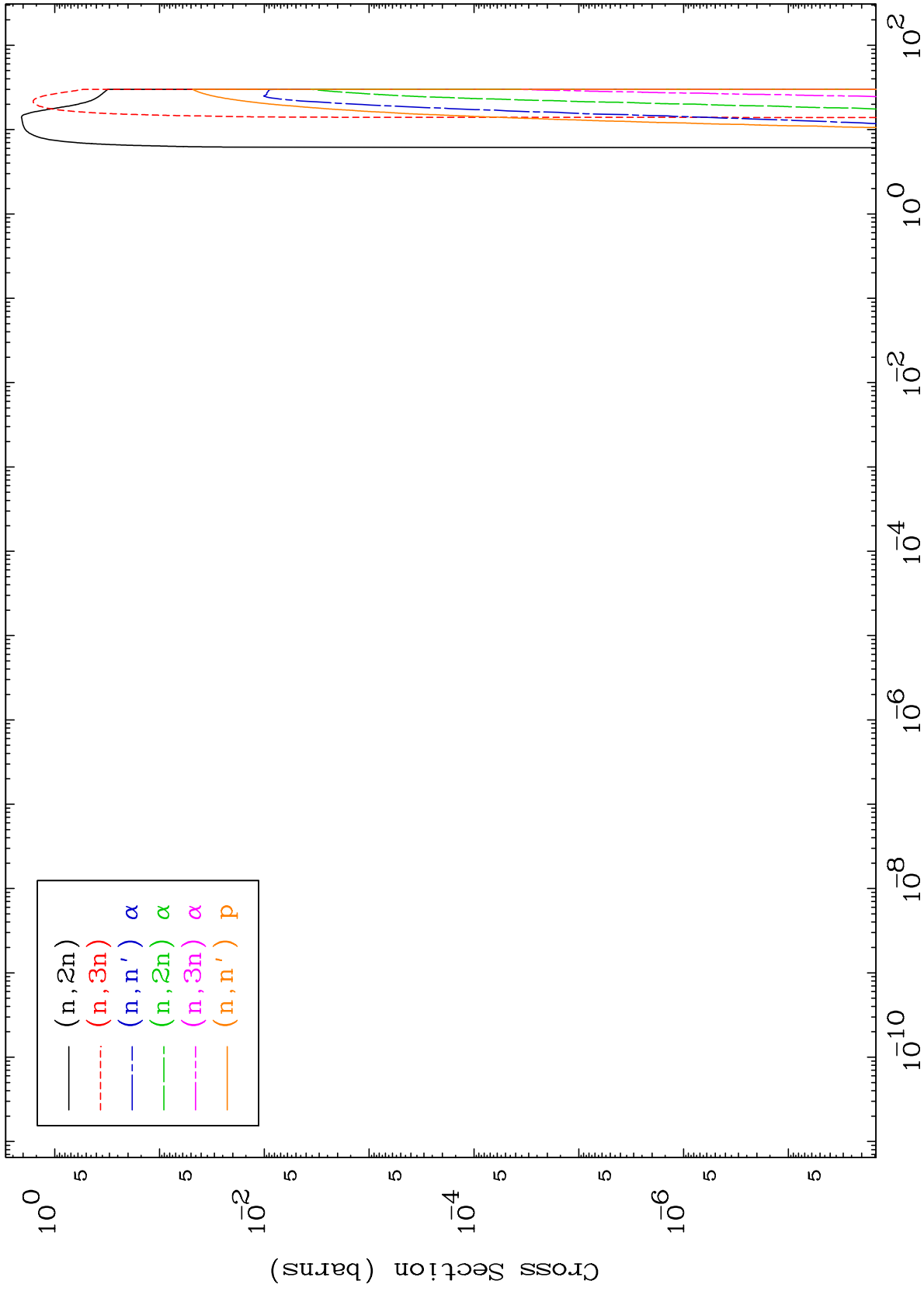
77-Ir-194



MAT 7734

Neutron Production
293 Kelvin Cross Sections

77-Ir-194



2

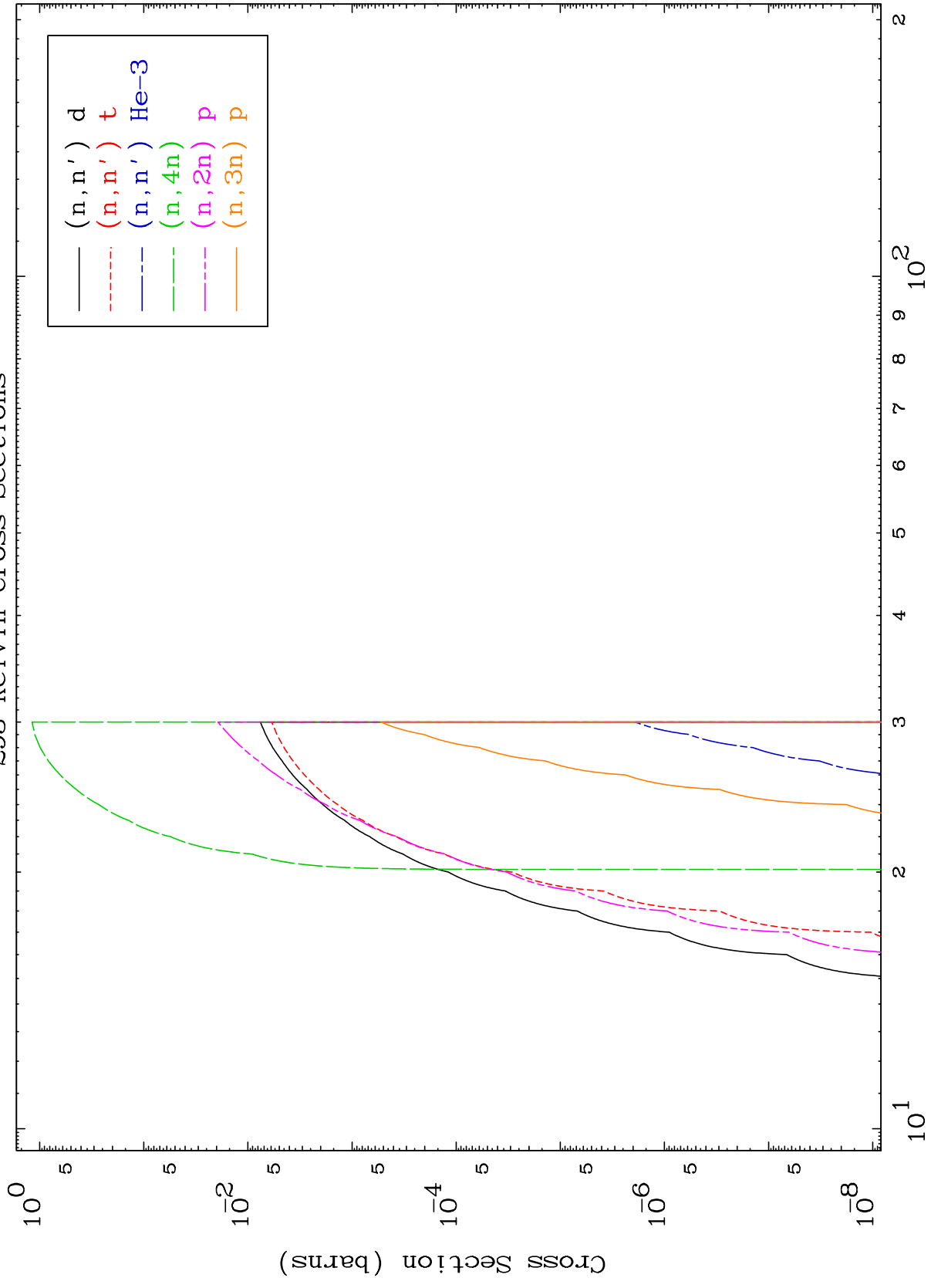
Incident Energy (MeV)

77-Ir-194

MAT 7734

Neutron Production
293 Kelvin Cross Sections

77-Ir-194



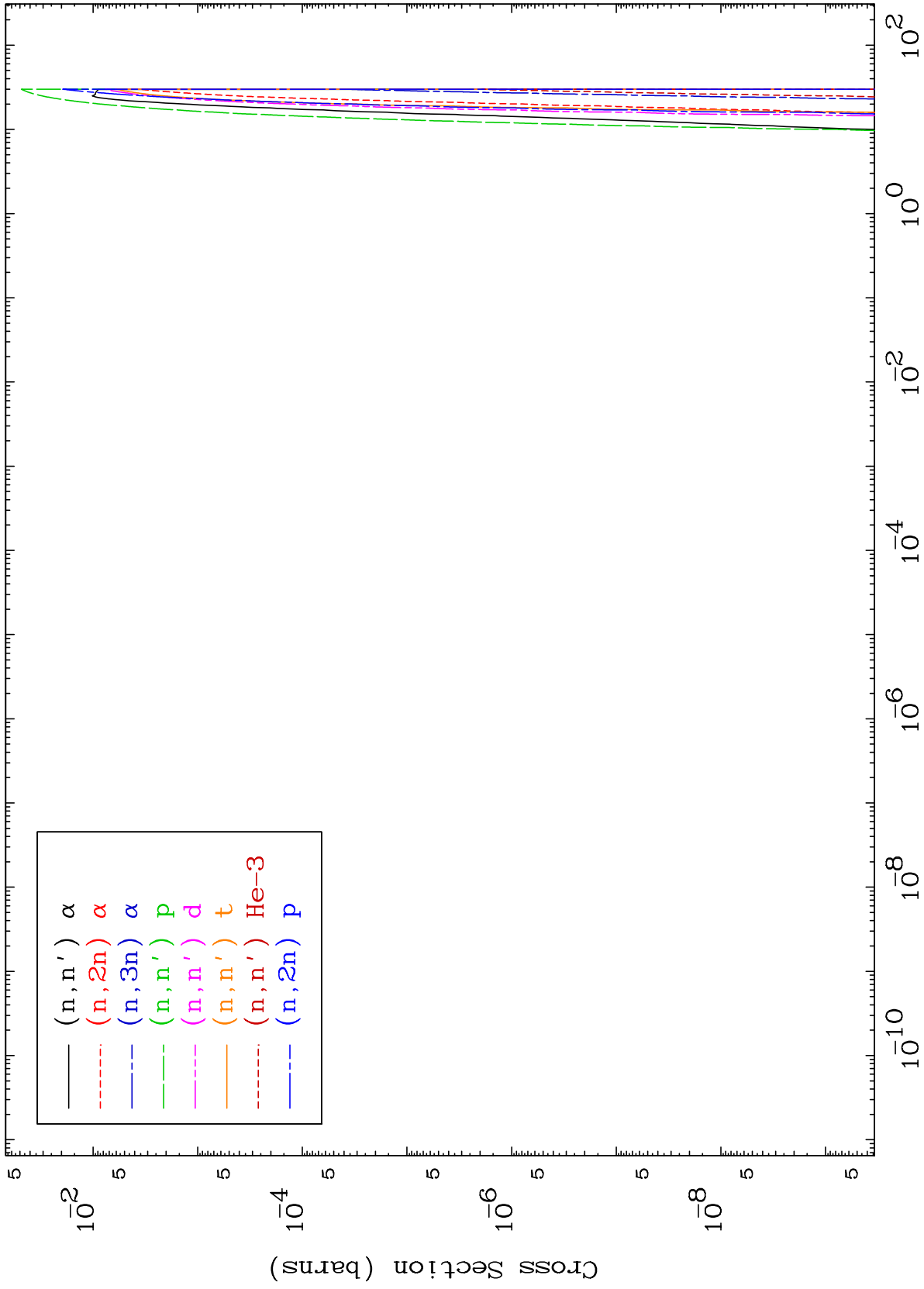
Incident Energy (MeV)

77-Ir-194

MAT 7734

Charged Particle
293 Kelvin Cross Sections

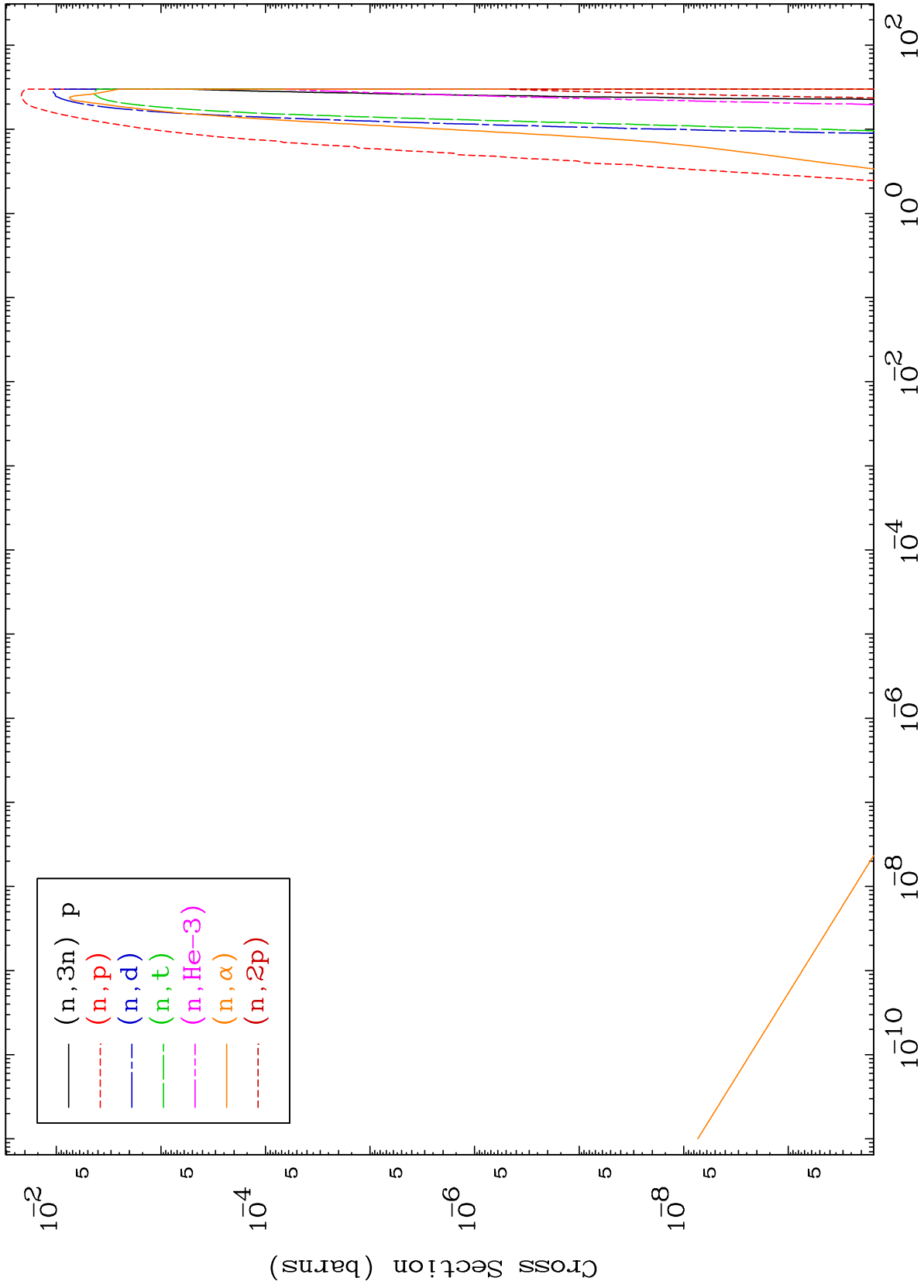
77-Ir-194



MAT 7734

Charged Particle
293 Kelvin Cross Sections

77-Ir-194



5

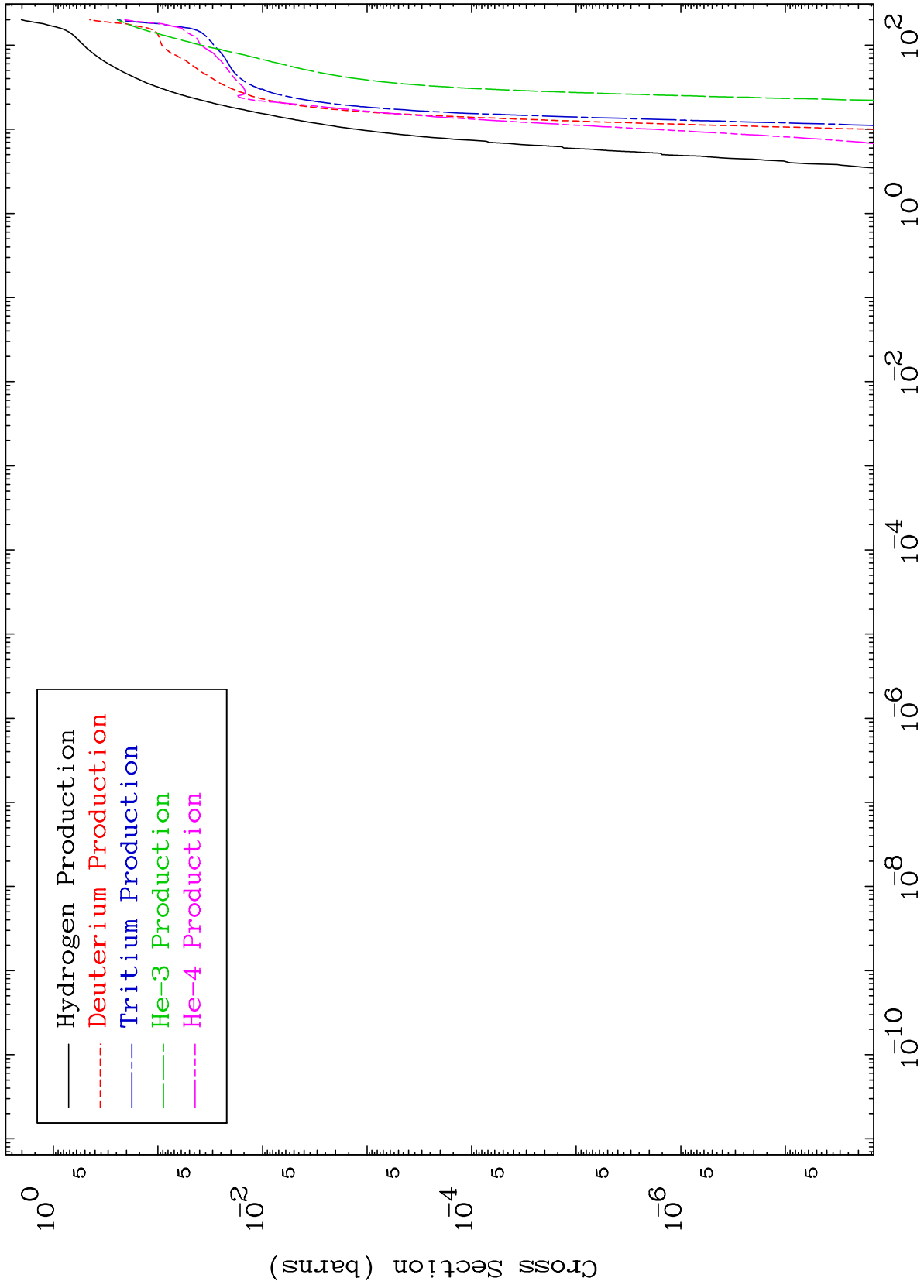
Incident Energy (MeV)

77-Ir-194

MAT 7734

Particle Production
293 Kelvin Cross Sections

77-Ir-194



6

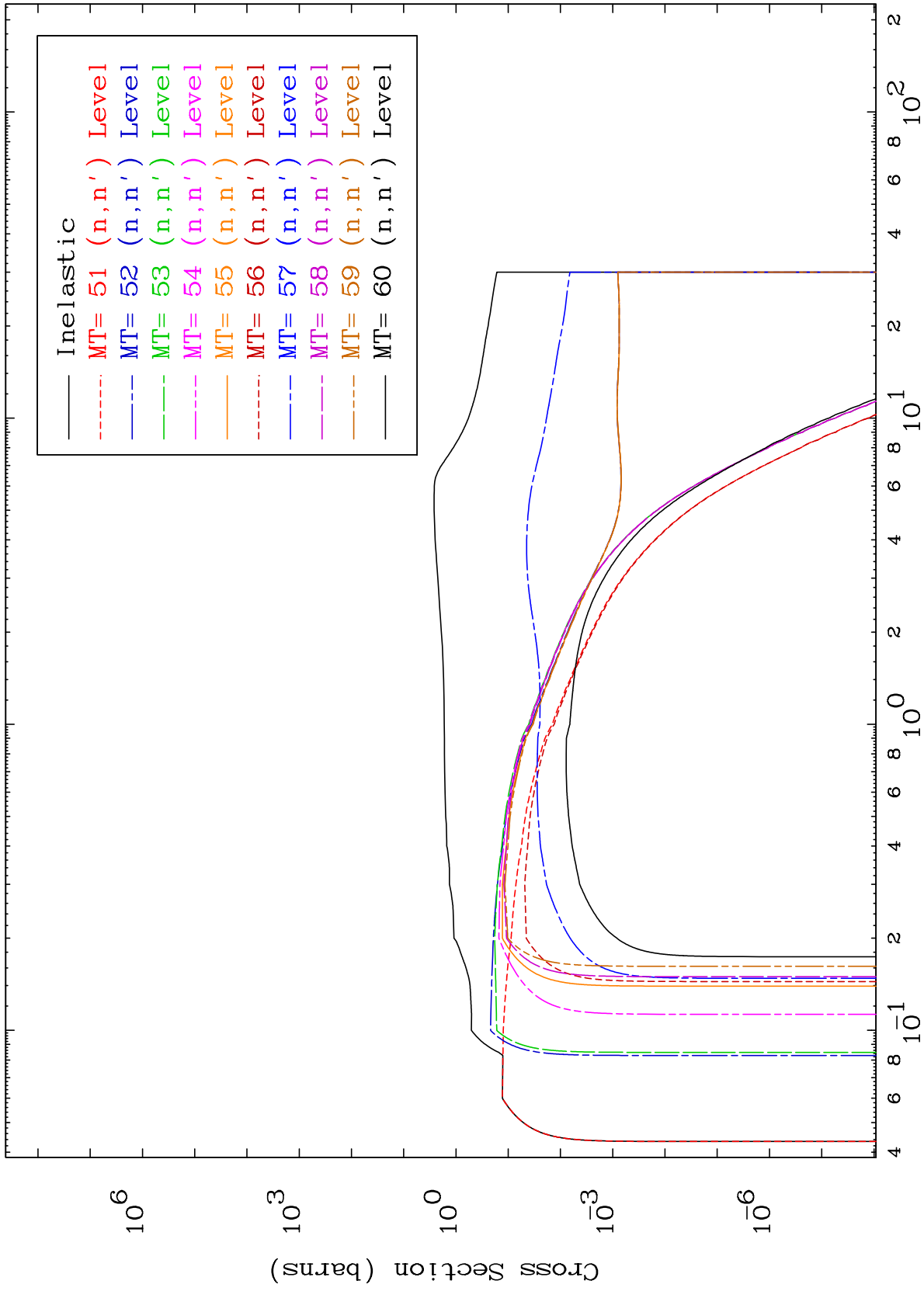
77-Ir-194

MAT 7734

(n,n') Level

77-Ir-194

293 Kelvin Cross Sections



7

Incident Energy (MeV)

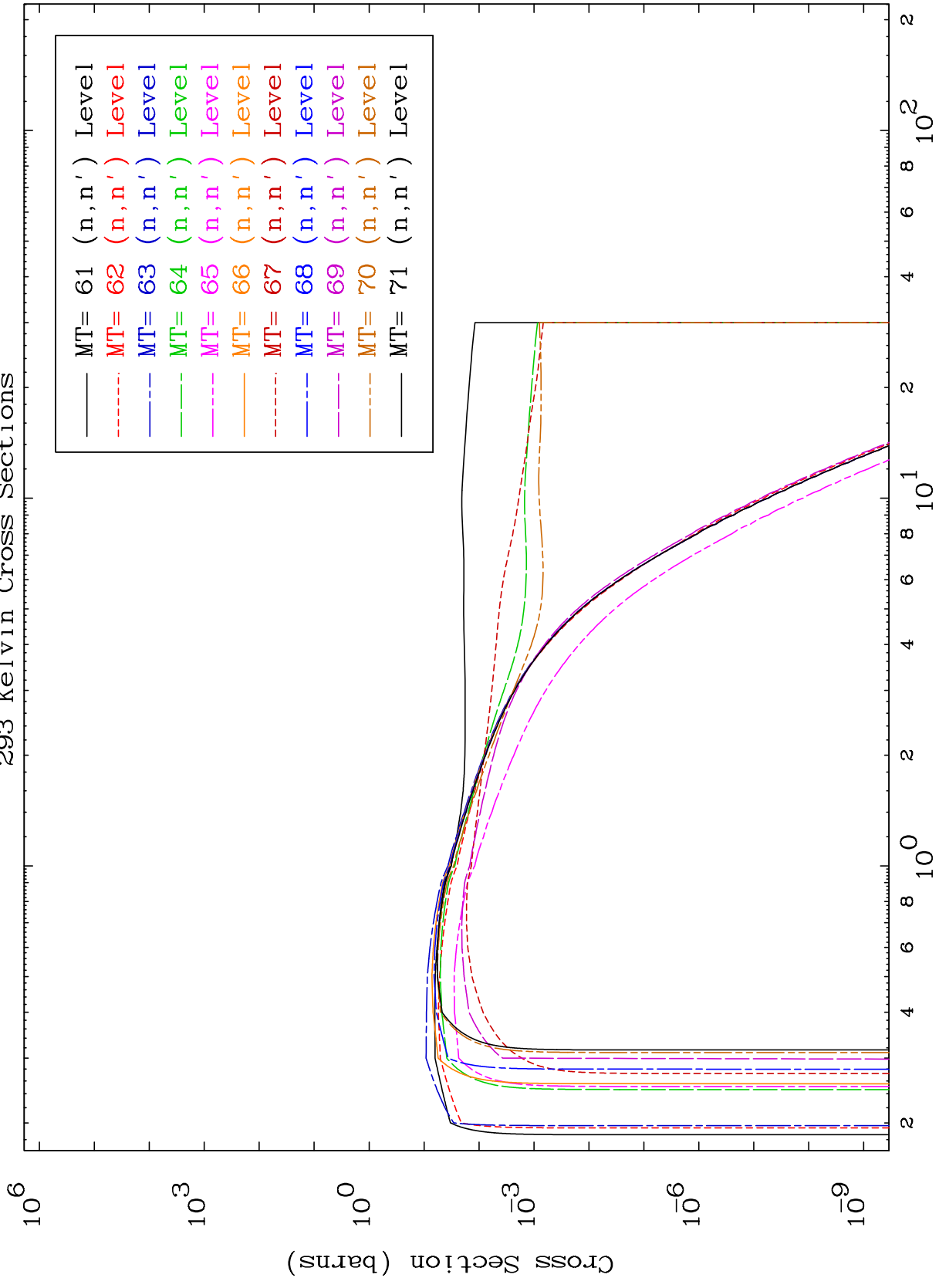
77-Ir-194

MAT 7734

(n,n') Level

77-Ir-194

293 Kelvin Cross Sections



8

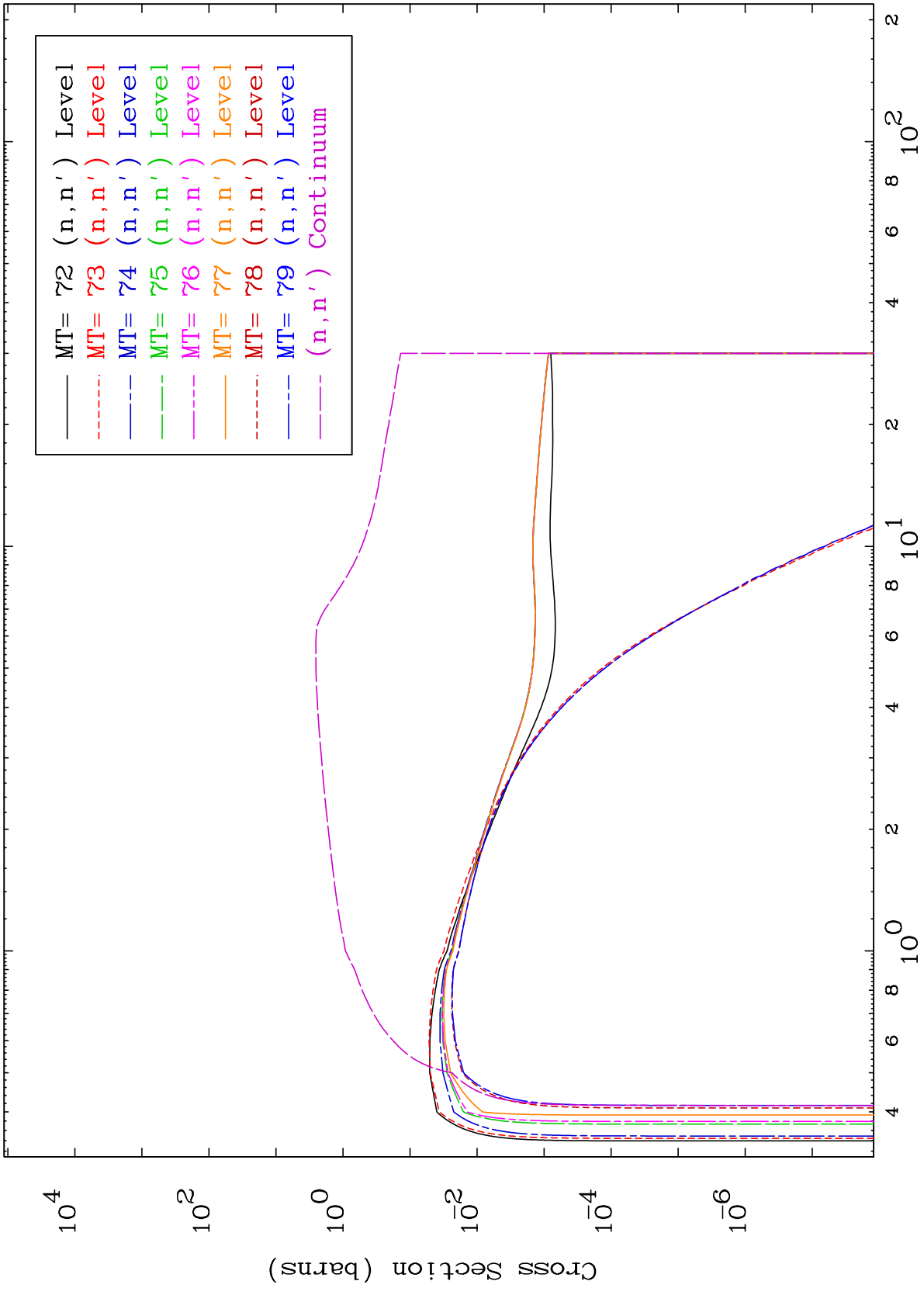
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MAT 7734

(n,n') Level

293 Kelvin Cross Sections

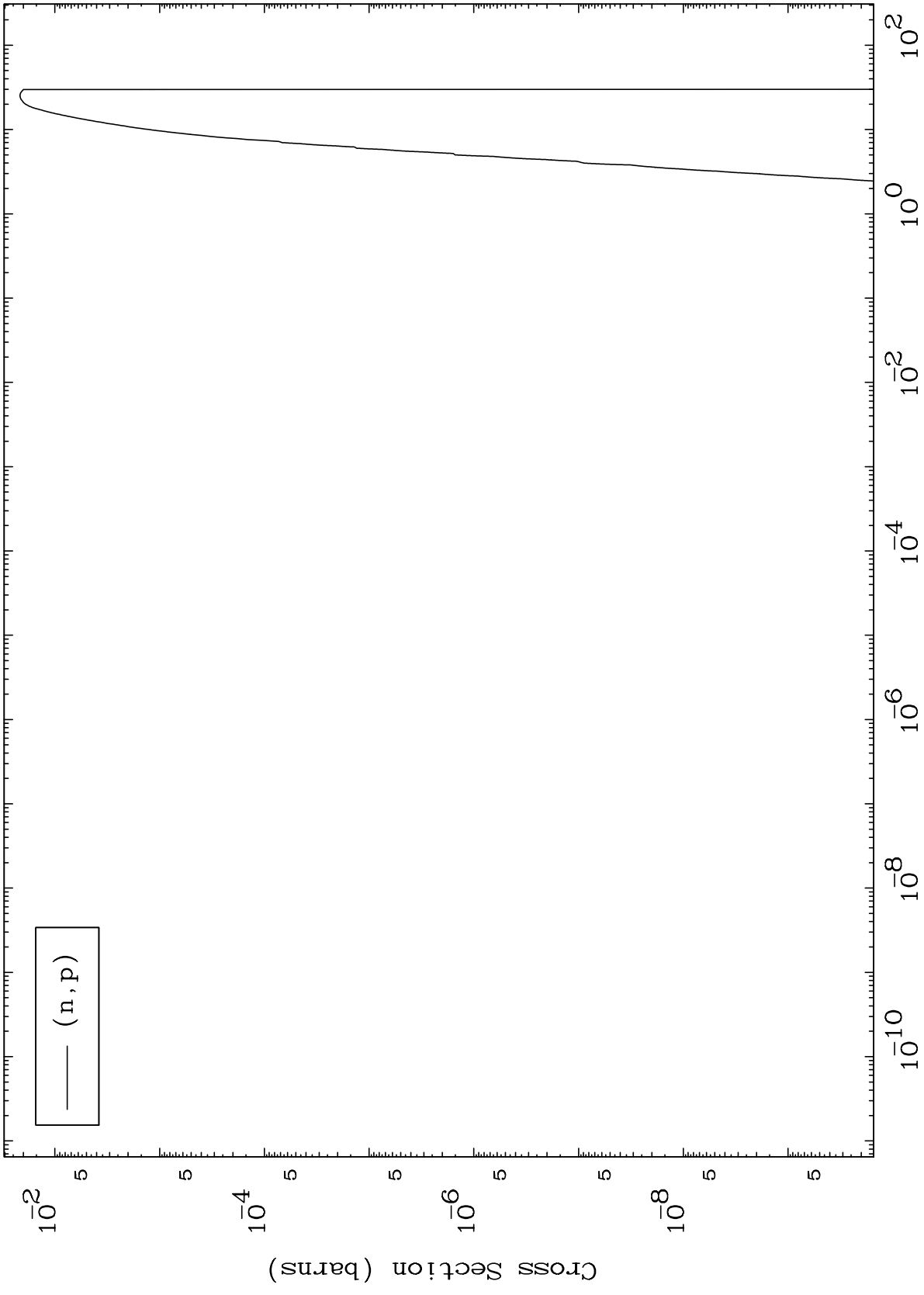
77-Ir-194



MAT 7734

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-194



10

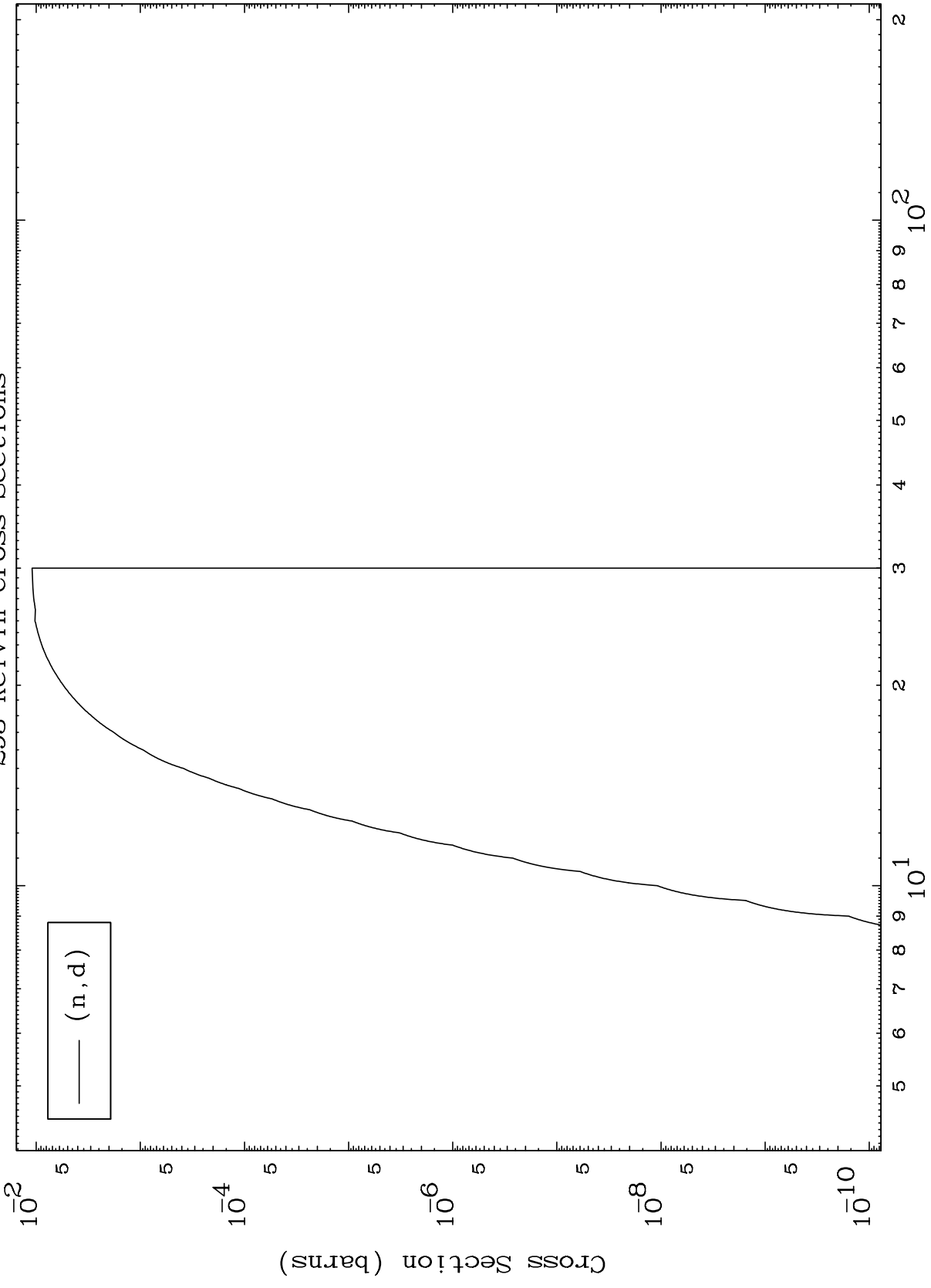
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,d) Levels
293 Kelvin Cross Sections

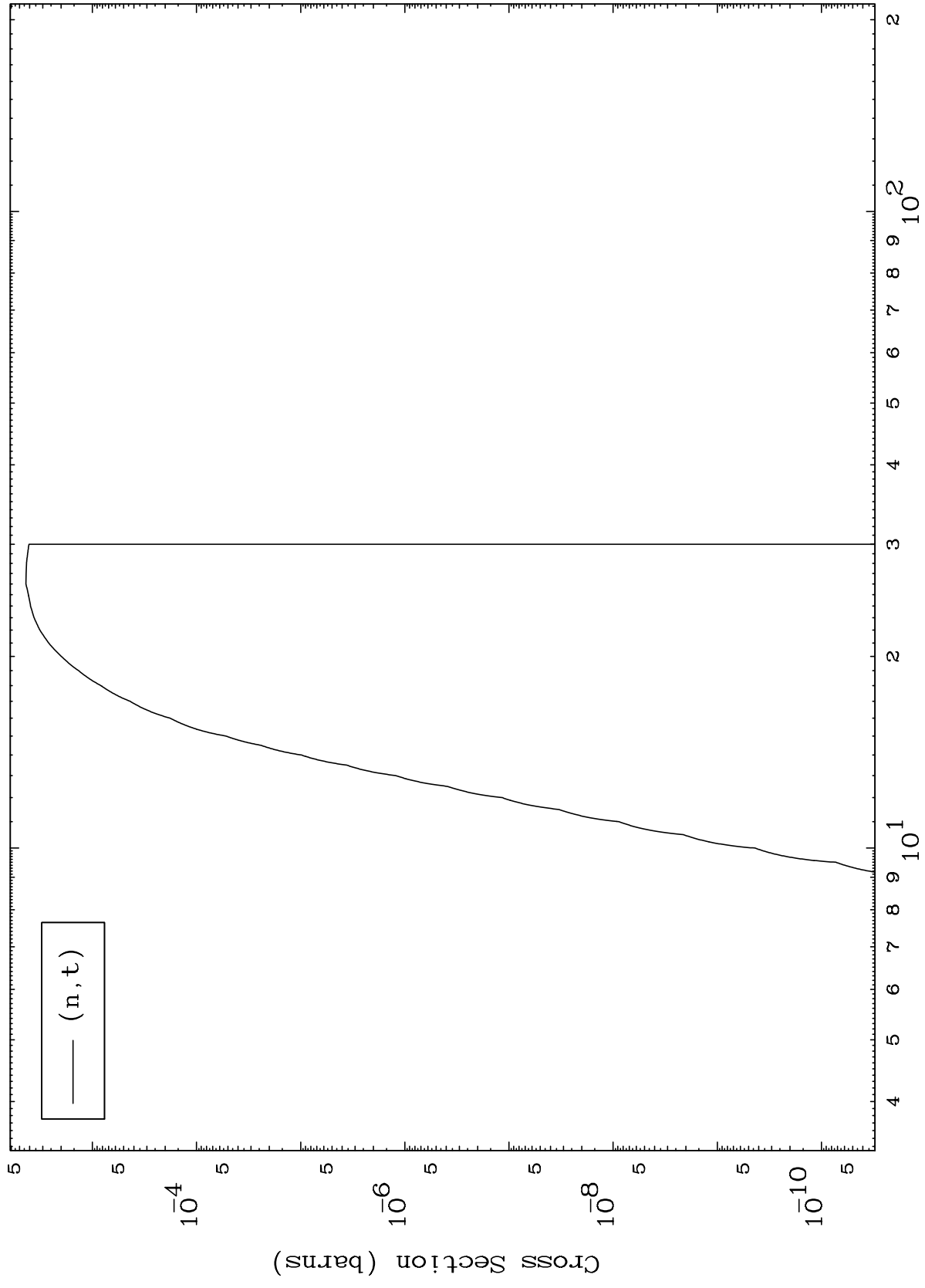
77-Ir-194



MAT 7734

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-194



12

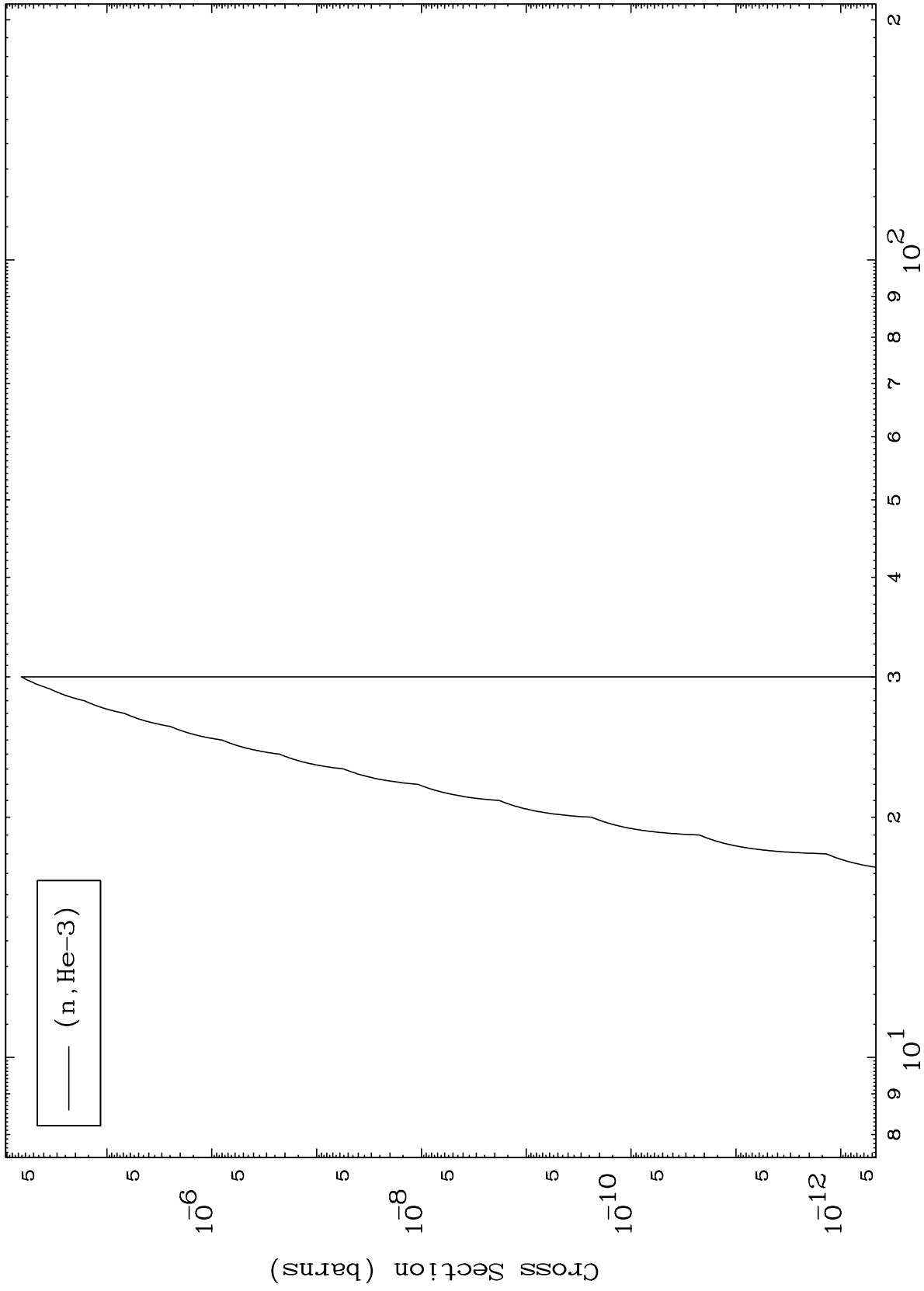
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-194



13

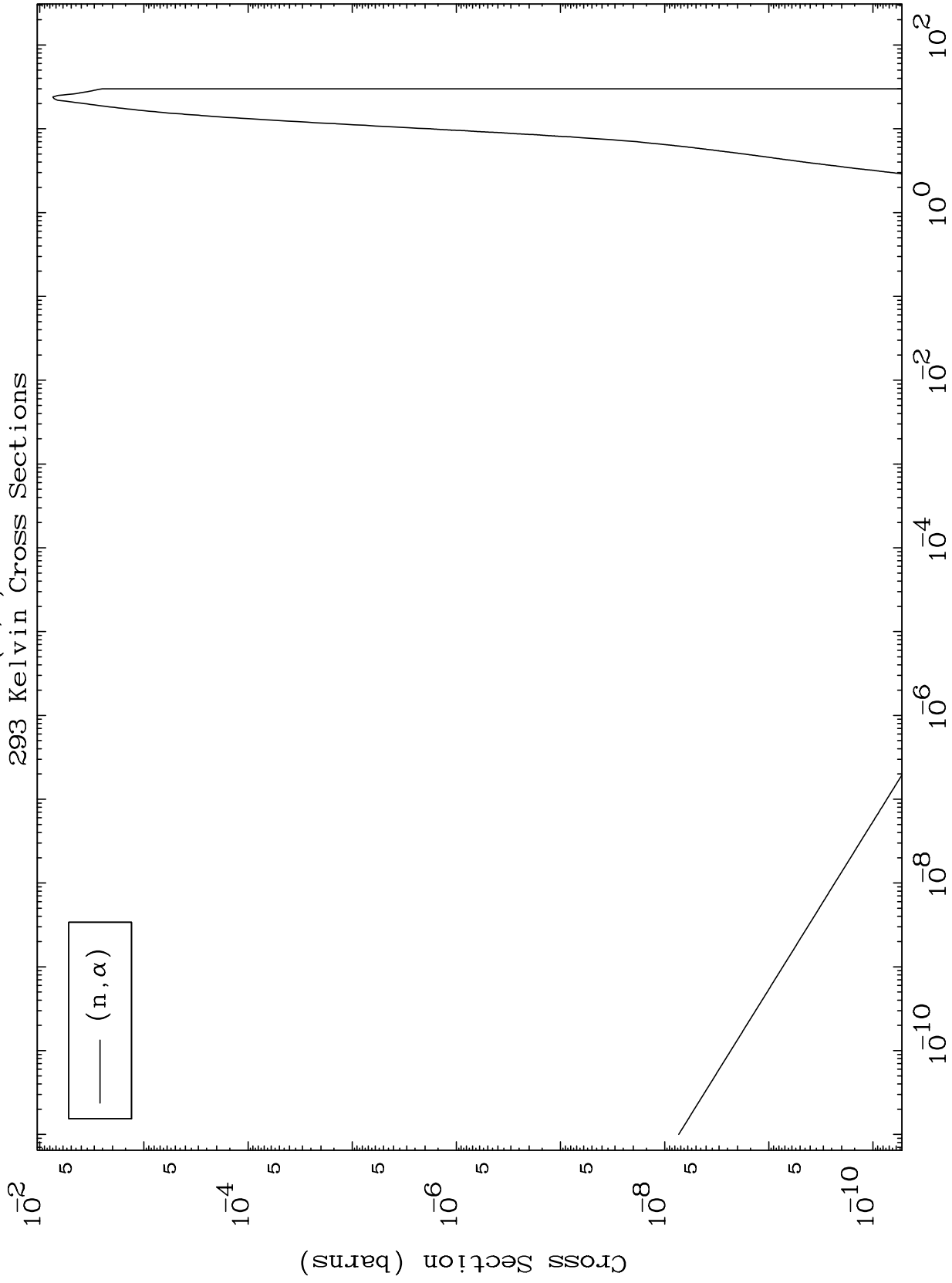
Incident Energy (MeV)

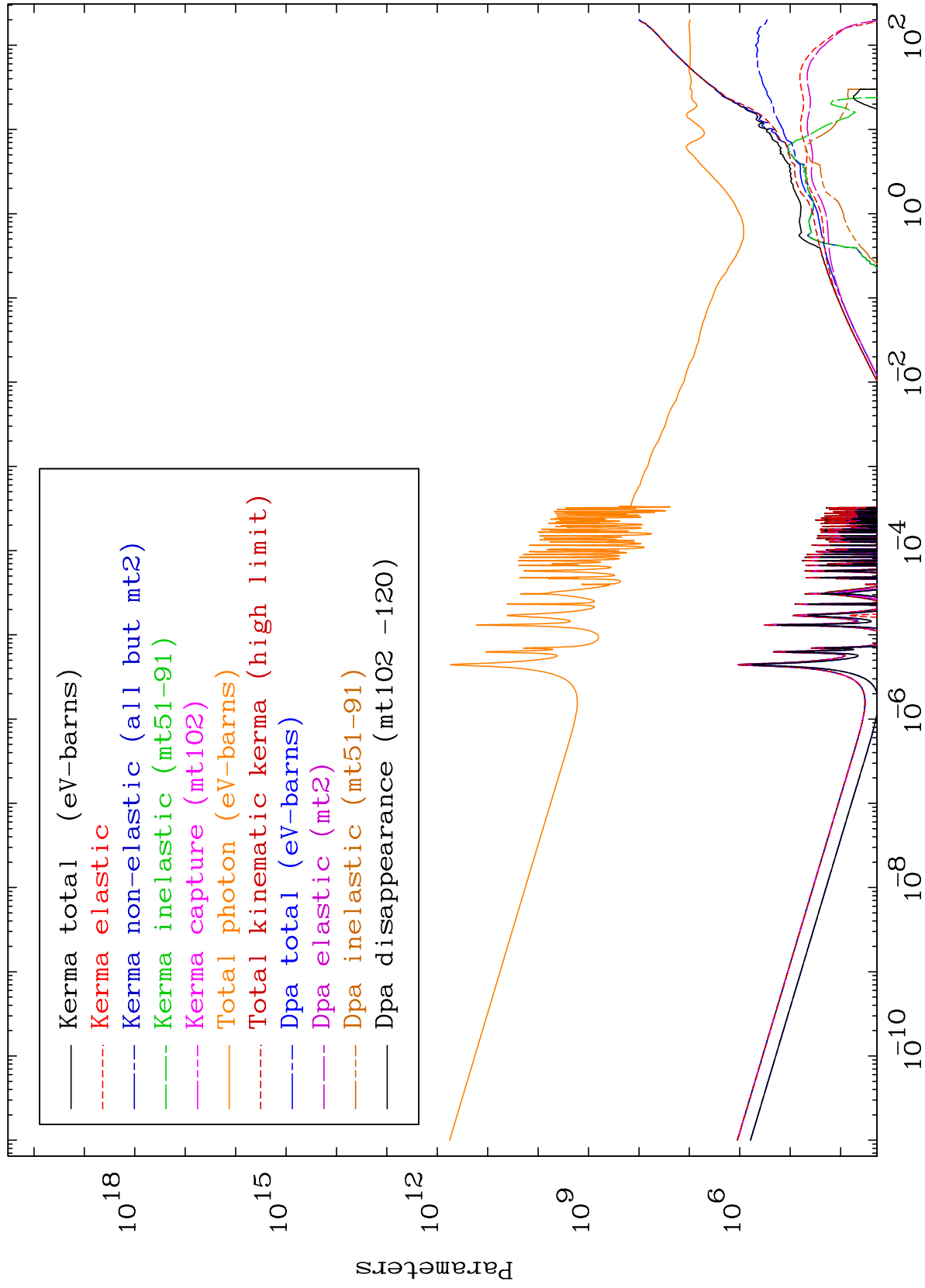
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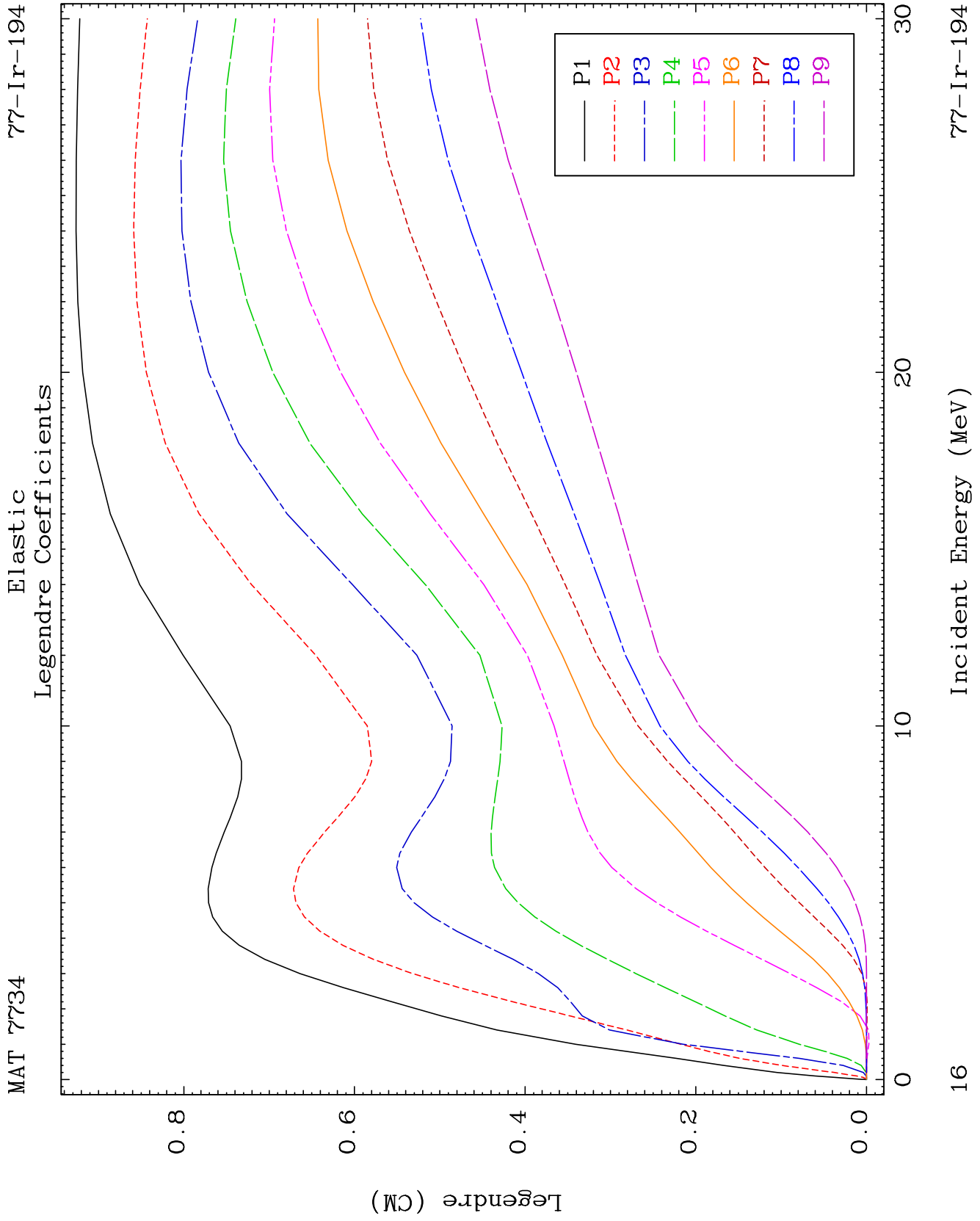
MAT 7734

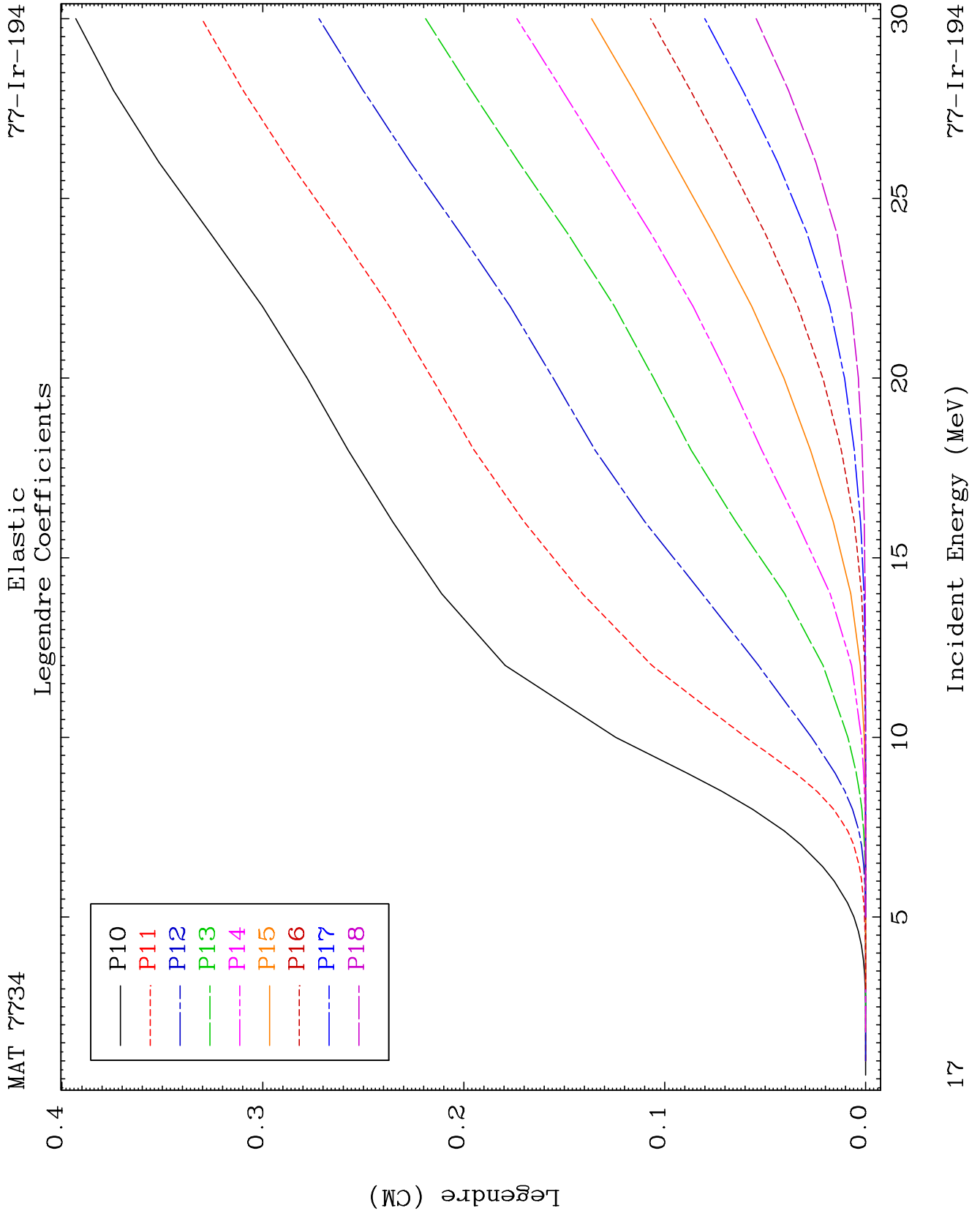
(n,α) Levels
293 Kelvin Cross Sections

77-Ir-194





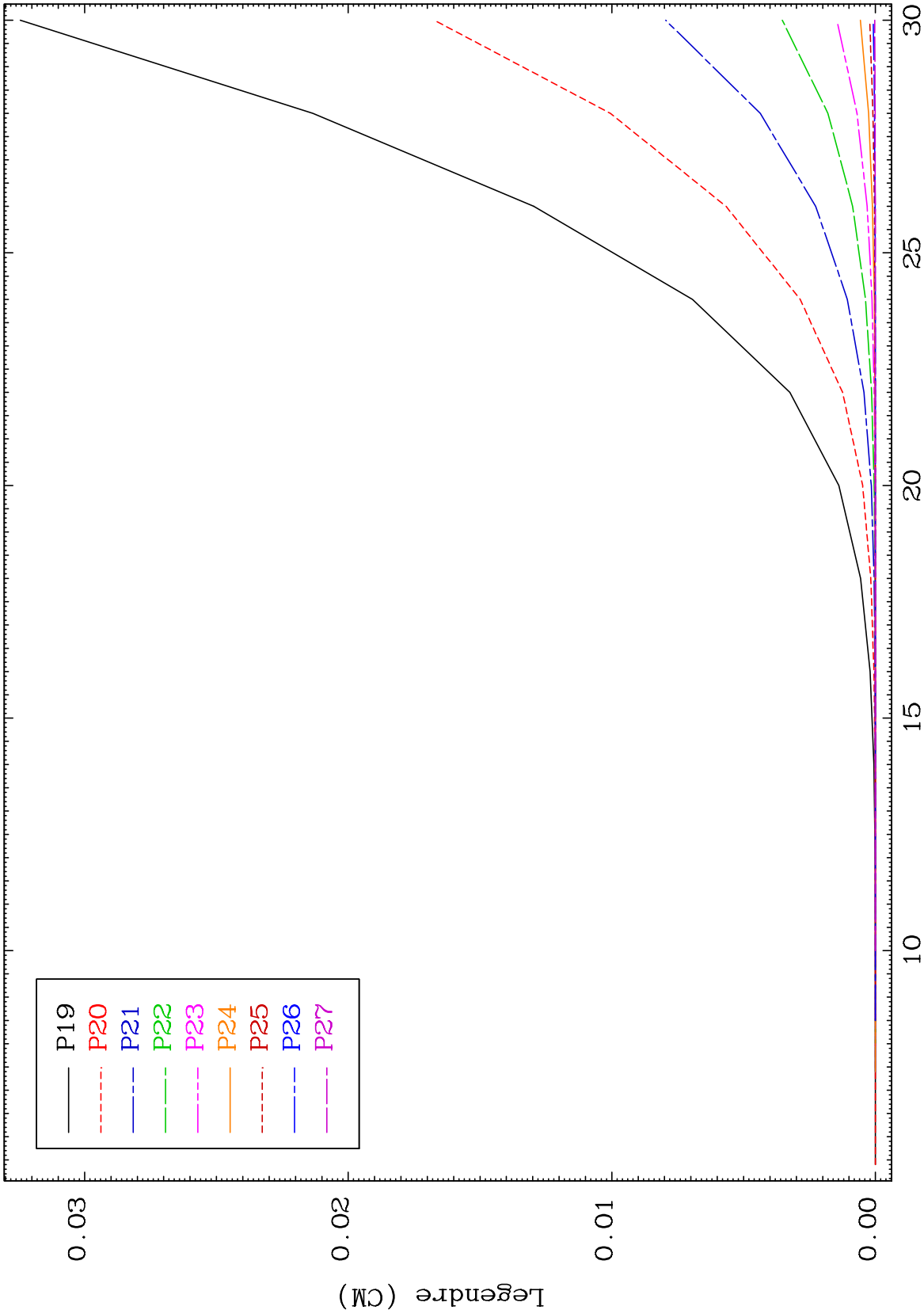




MAT 7734

Elastic Legendre Coefficients

77-Ir-194



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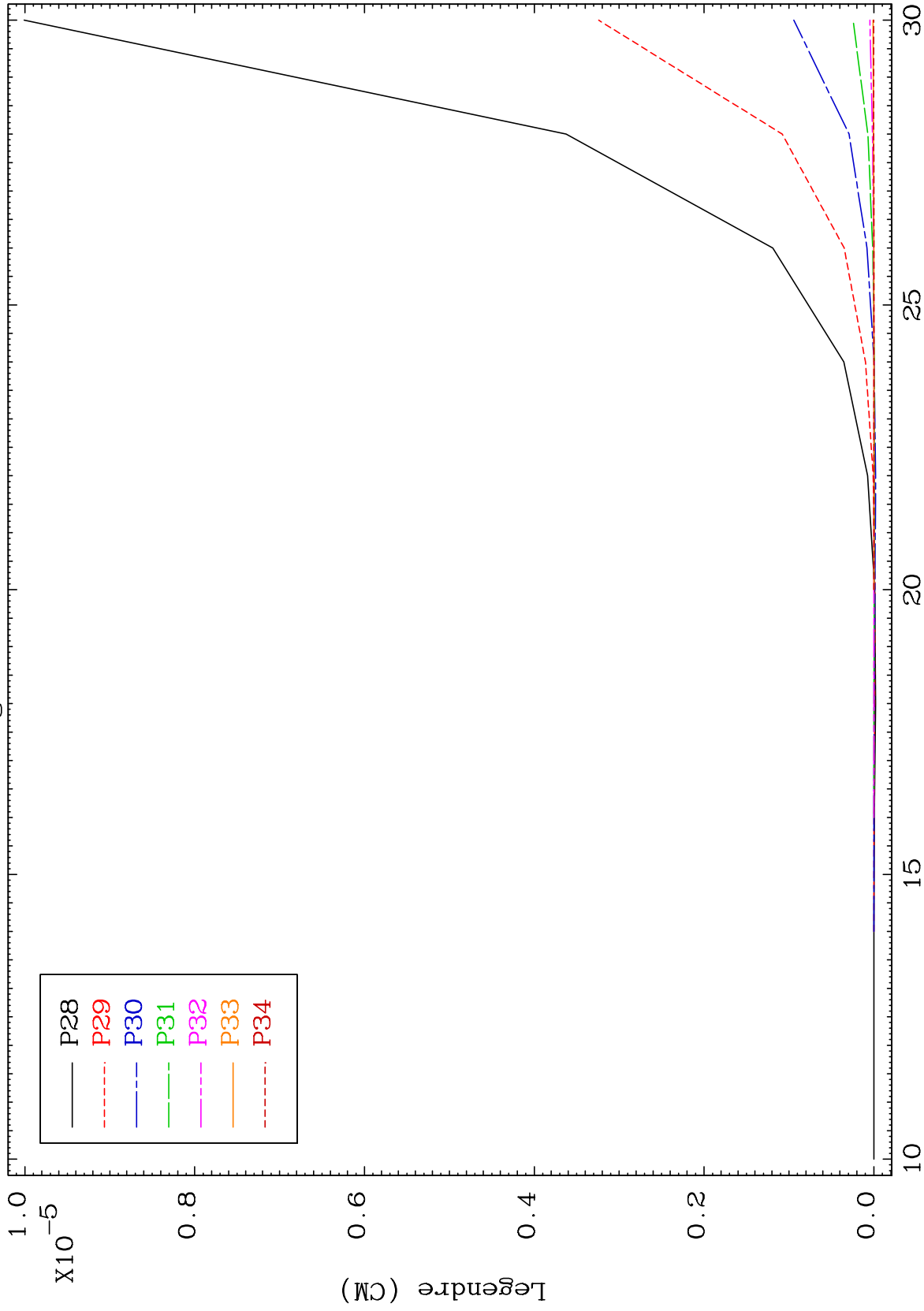
Incident Energy (MeV)

77-Ir-194

MAT 7734

Elastic Legendre Coefficients

77-Ir-194

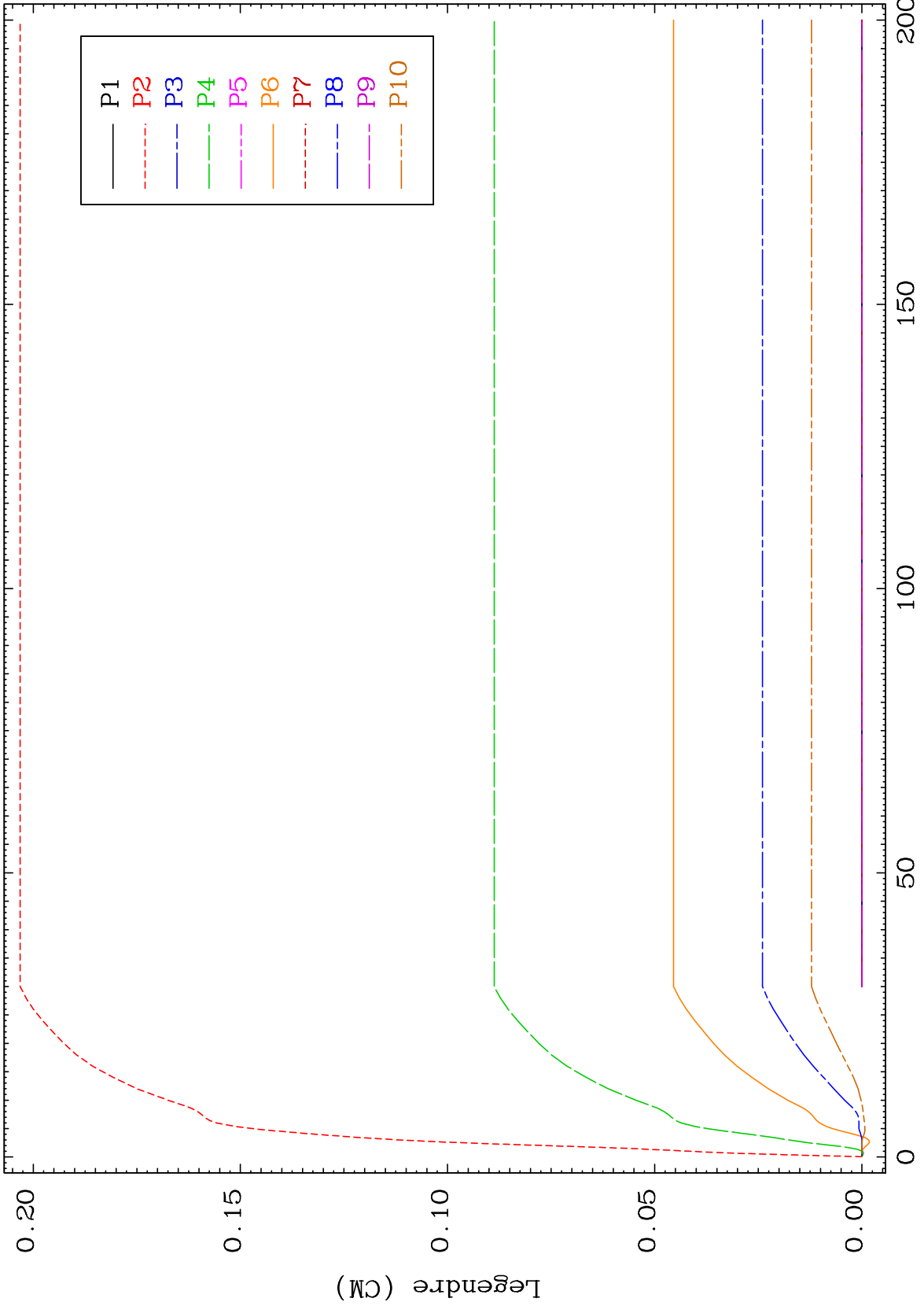


19

Incident Energy (MeV)

77-Ir-194

MAT 7734 MT= 51 (n,n') Level Legendre Coefficients 77-Ir-194

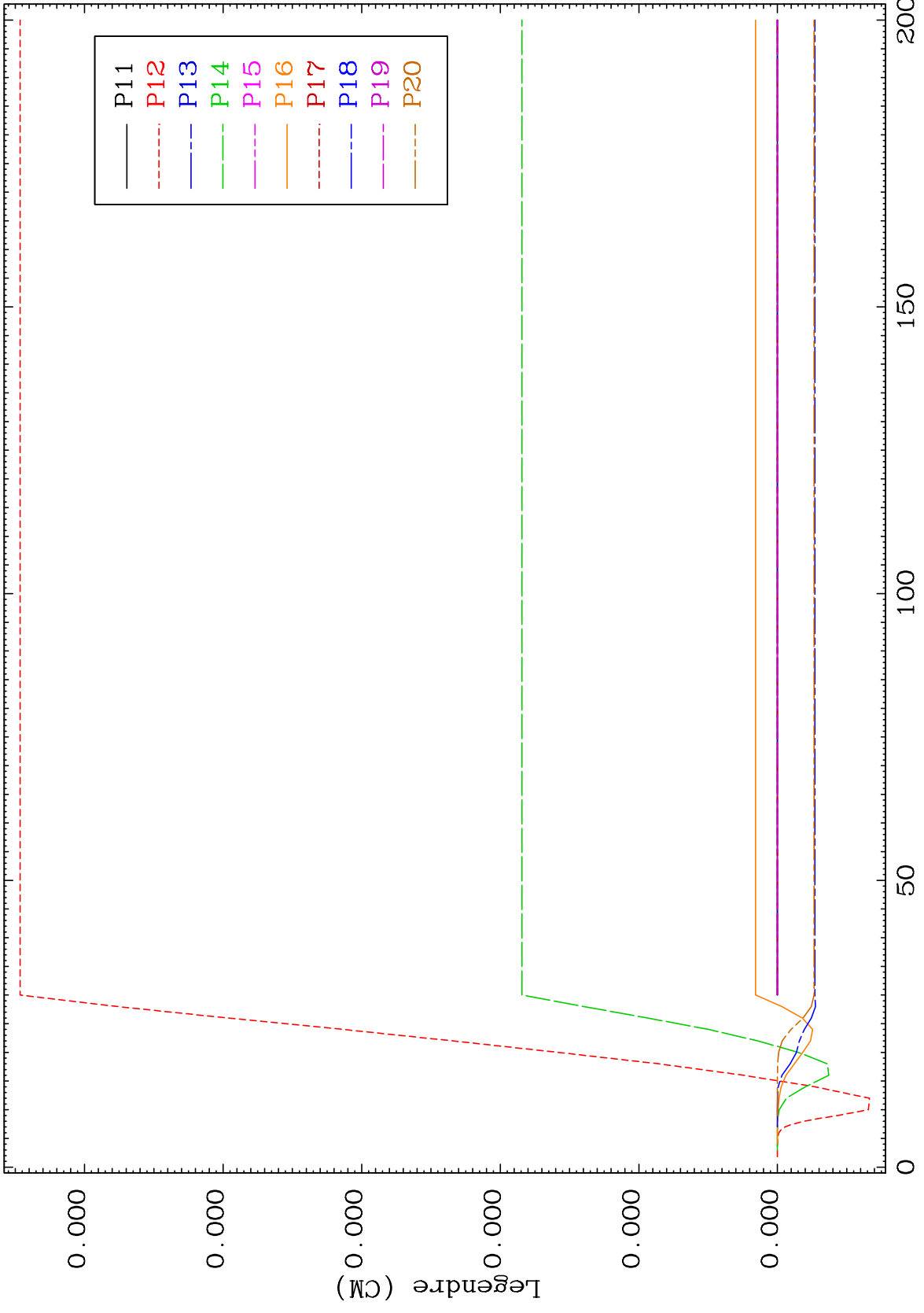


Incident Energy (MeV) 77-Ir-194

MAT 7734

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

77-Ir-194



21

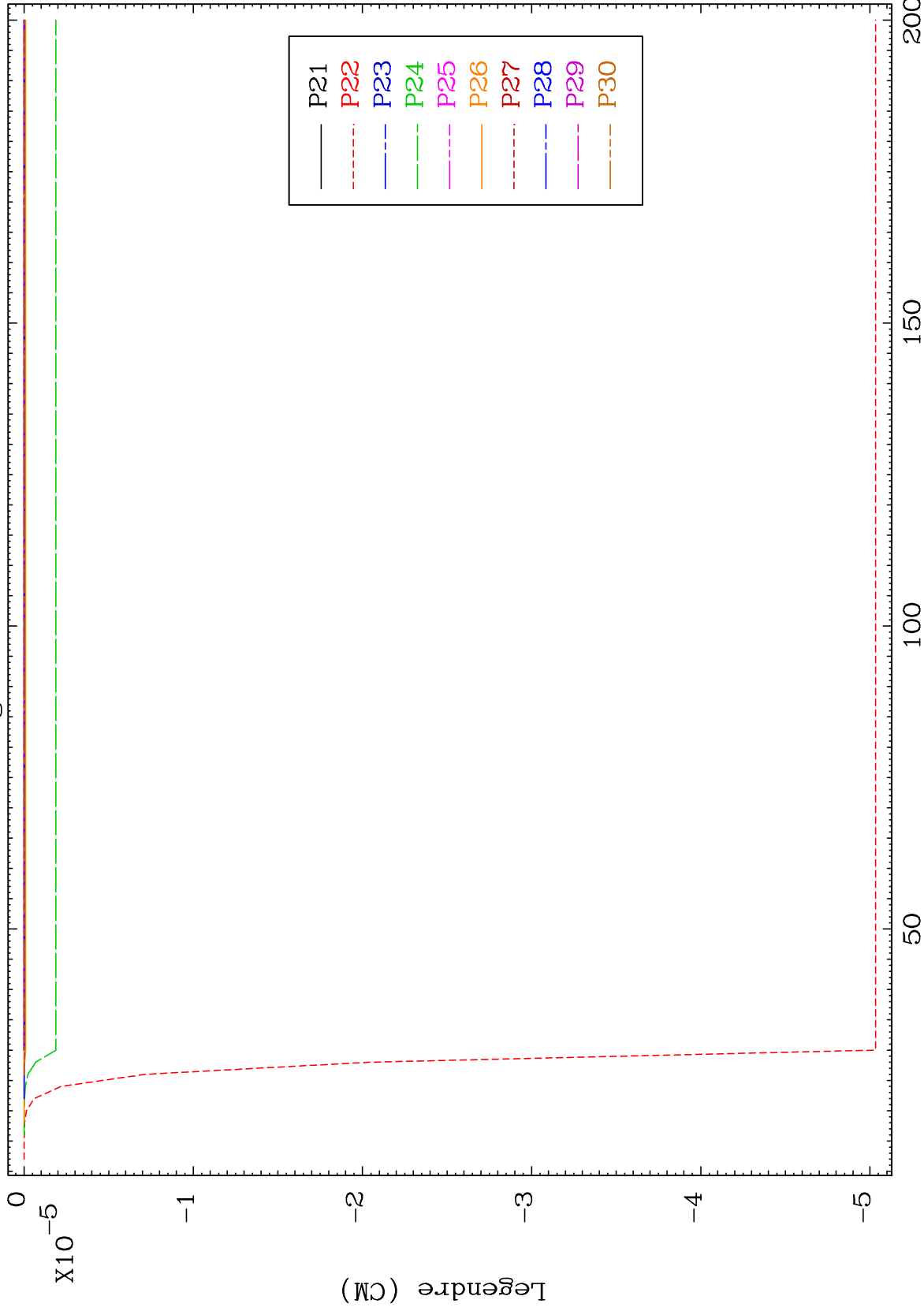
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



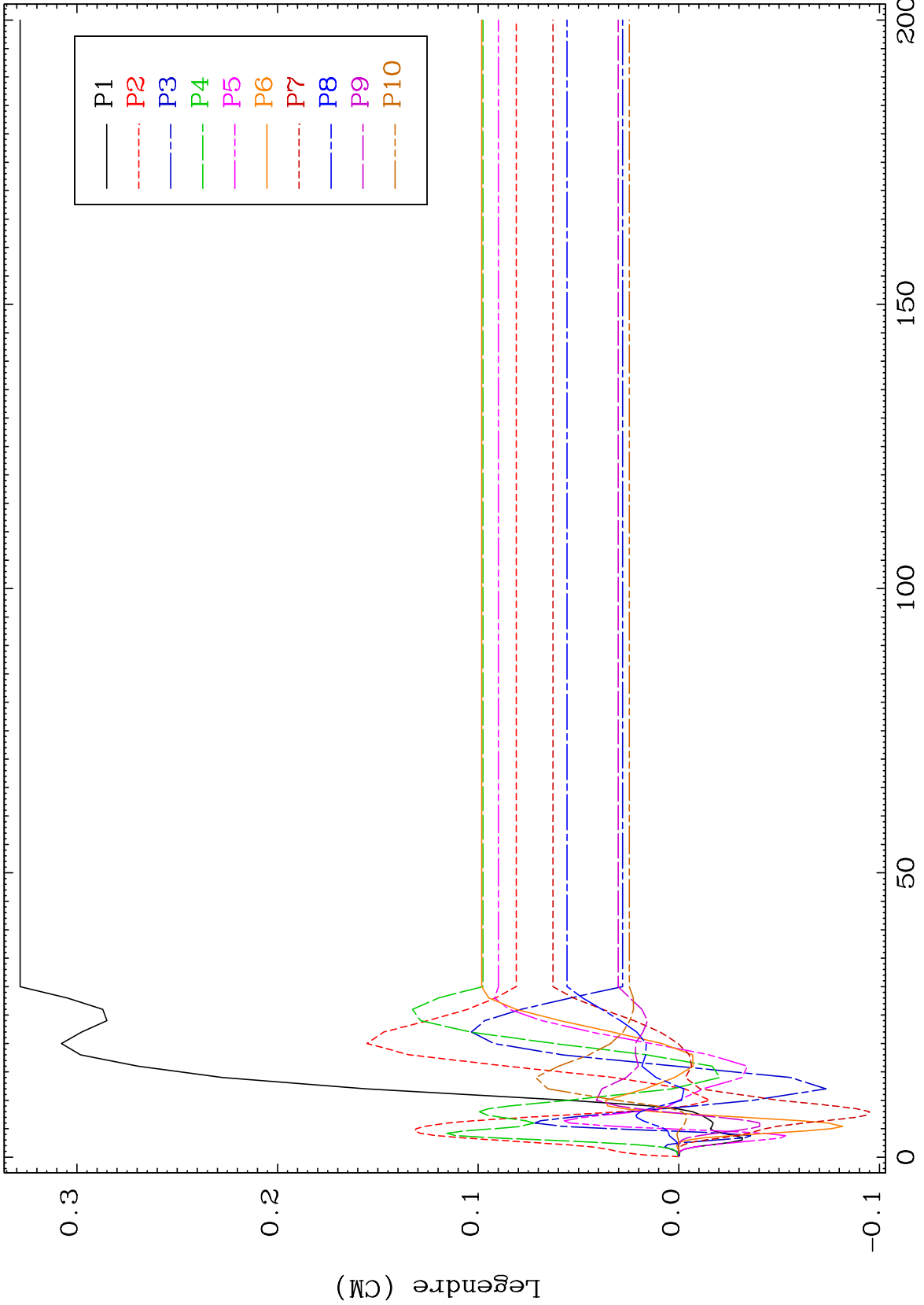
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77-Ir-194

MAT 7734

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

77-Ir-194



23

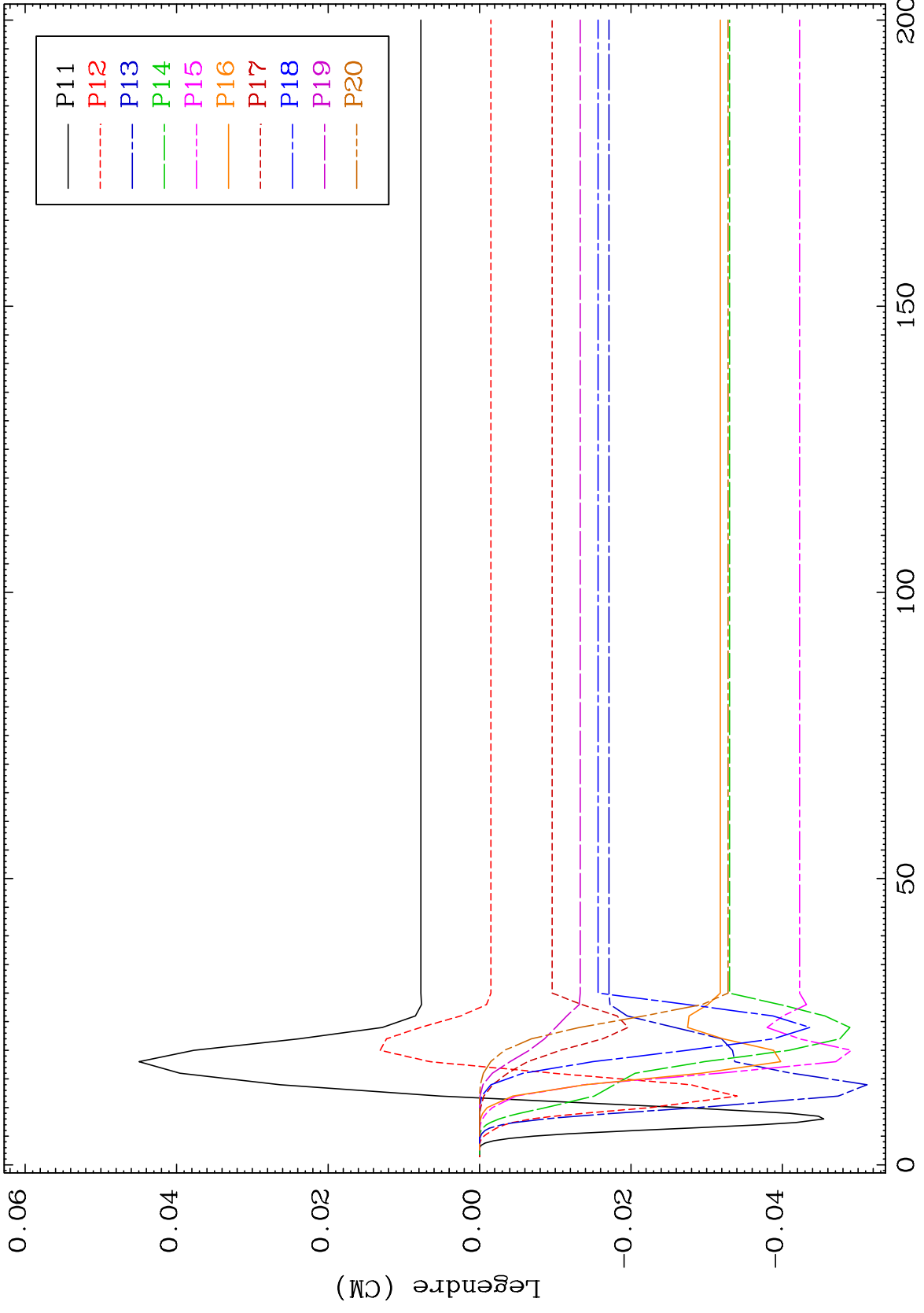
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



24

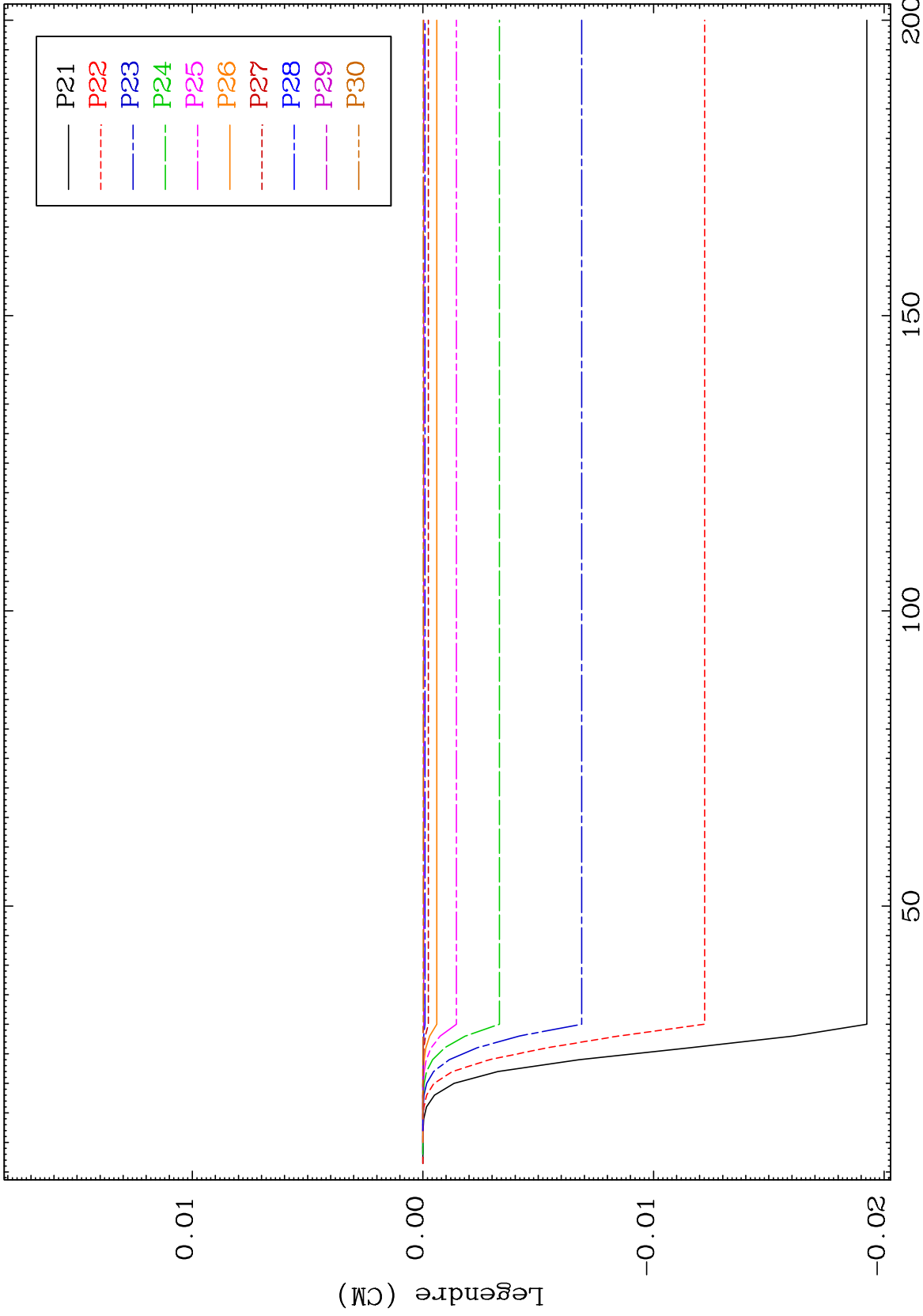
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194

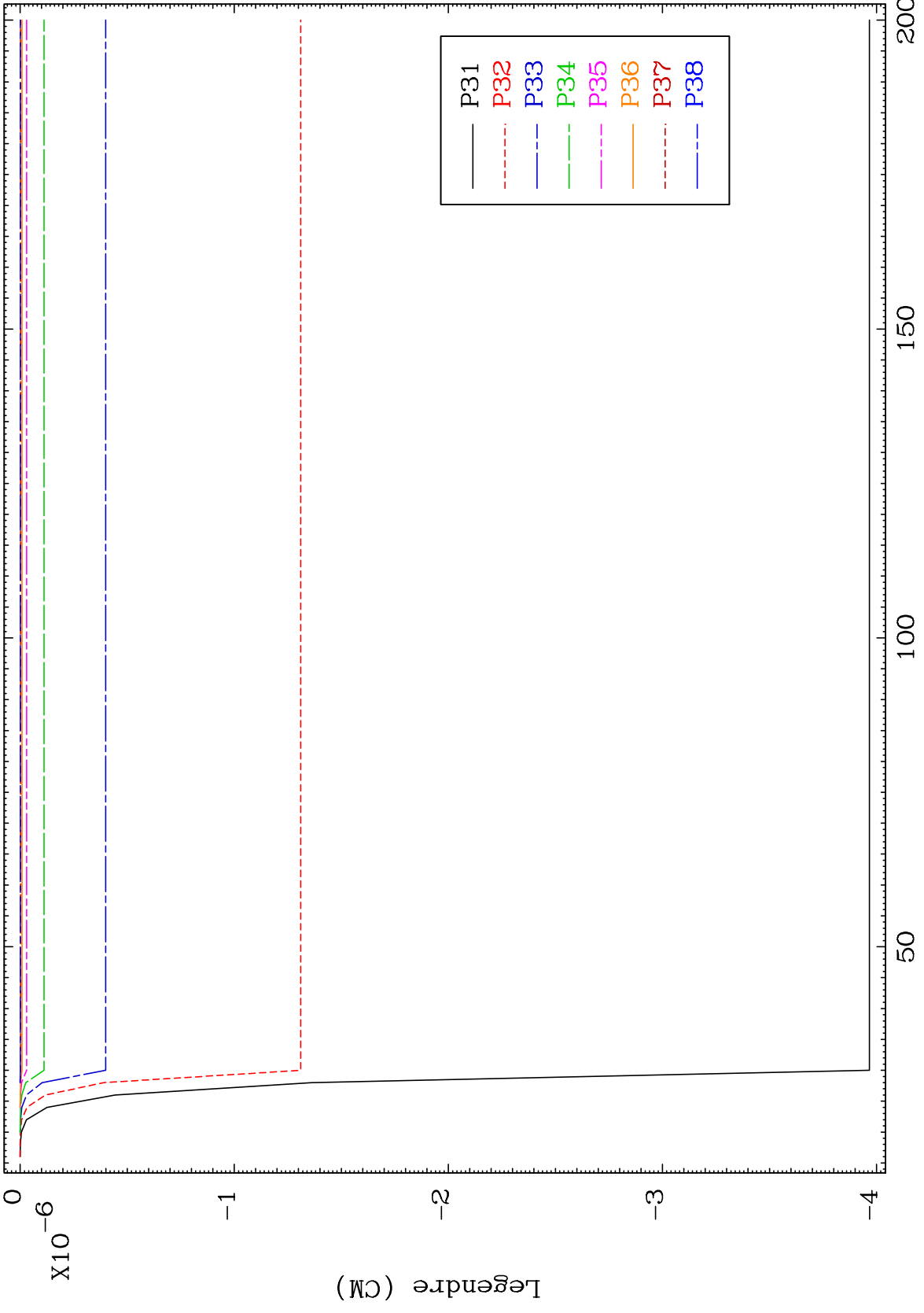


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Incident Energy (MeV)

77-Ir-194

MAT 7734 MT= 52 (n,n') Level Legendre Coefficients 77-Ir-194

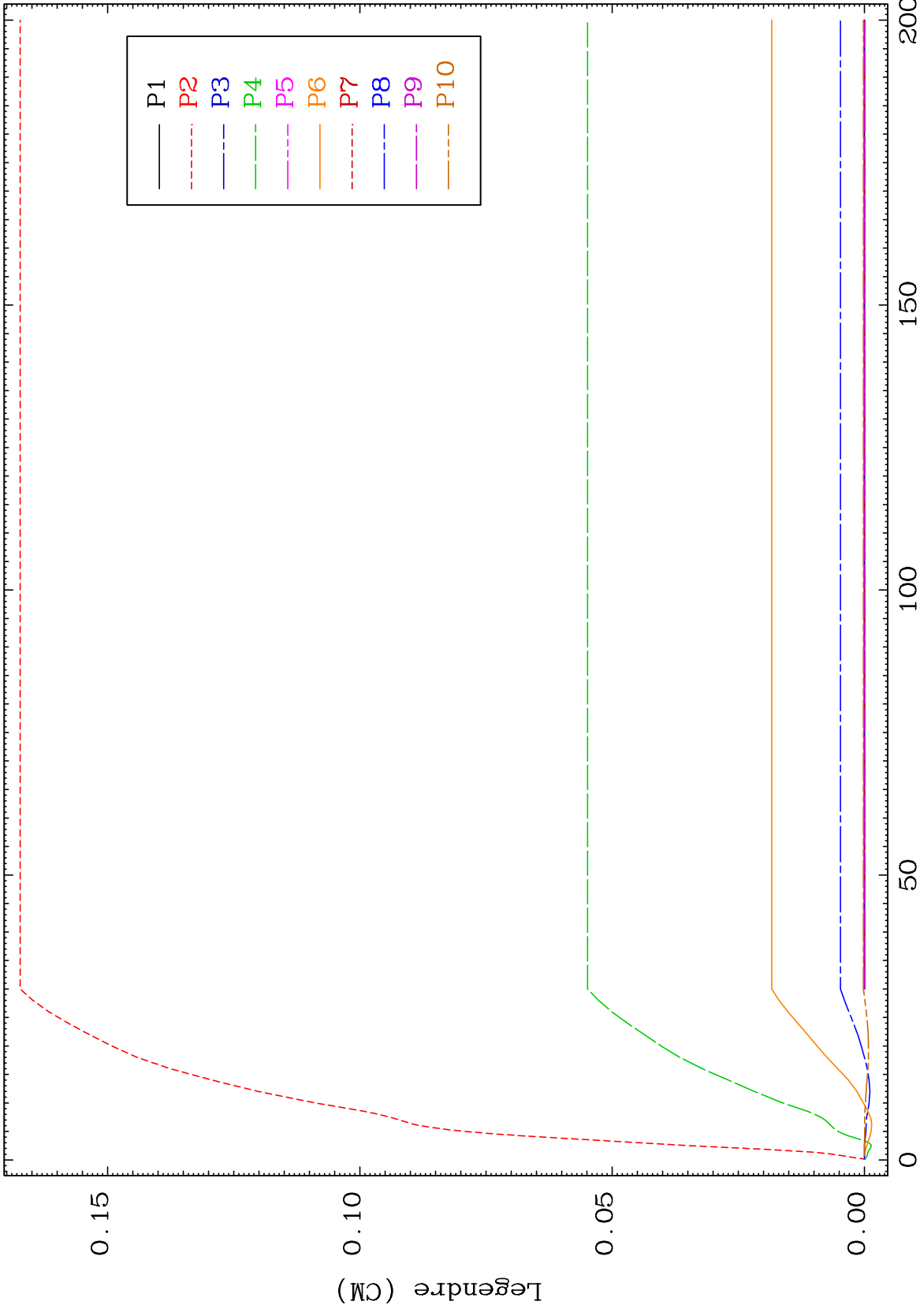


26 77-Ir-194

MAT 7734

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

77-Ir-194



27

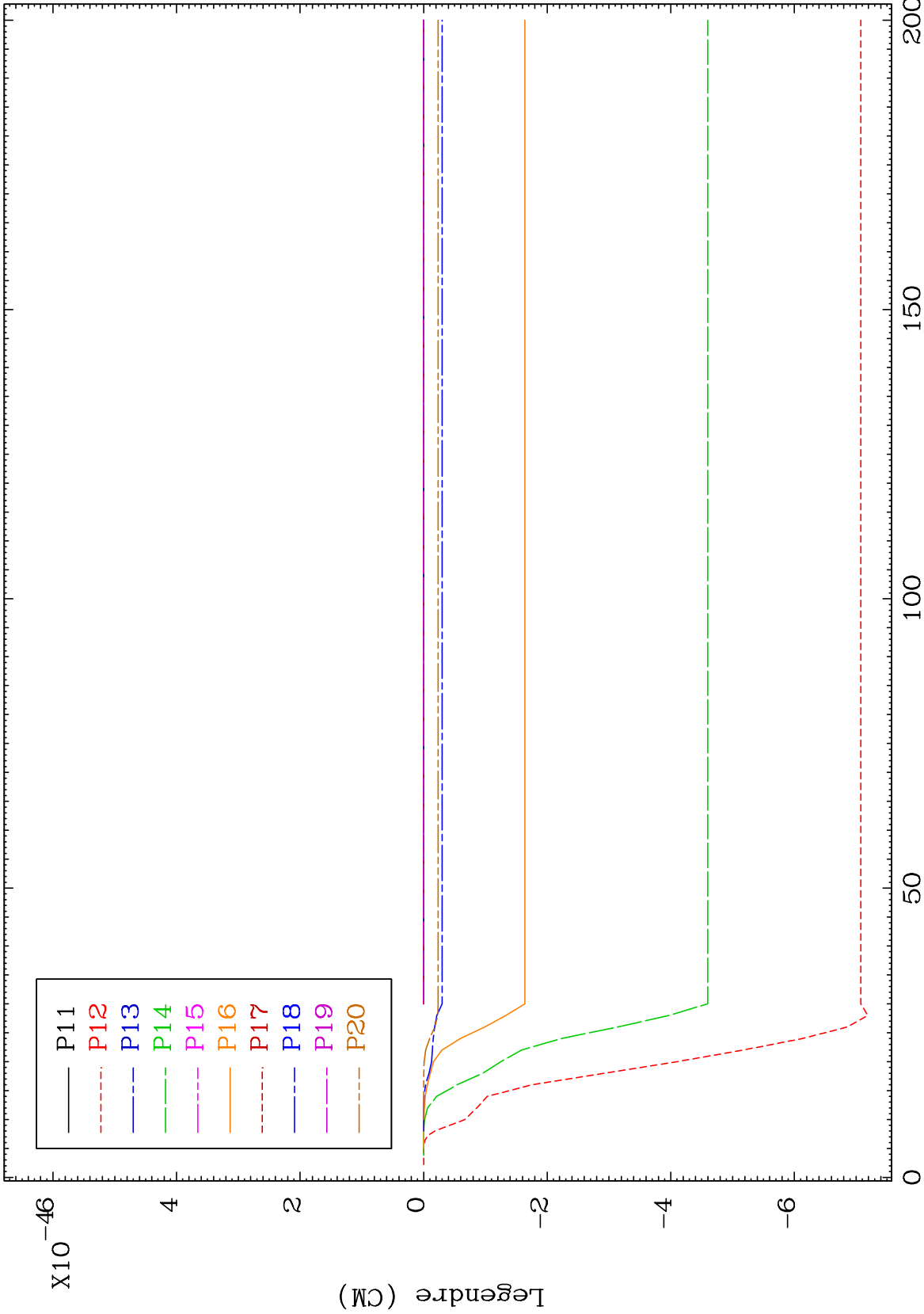
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



28

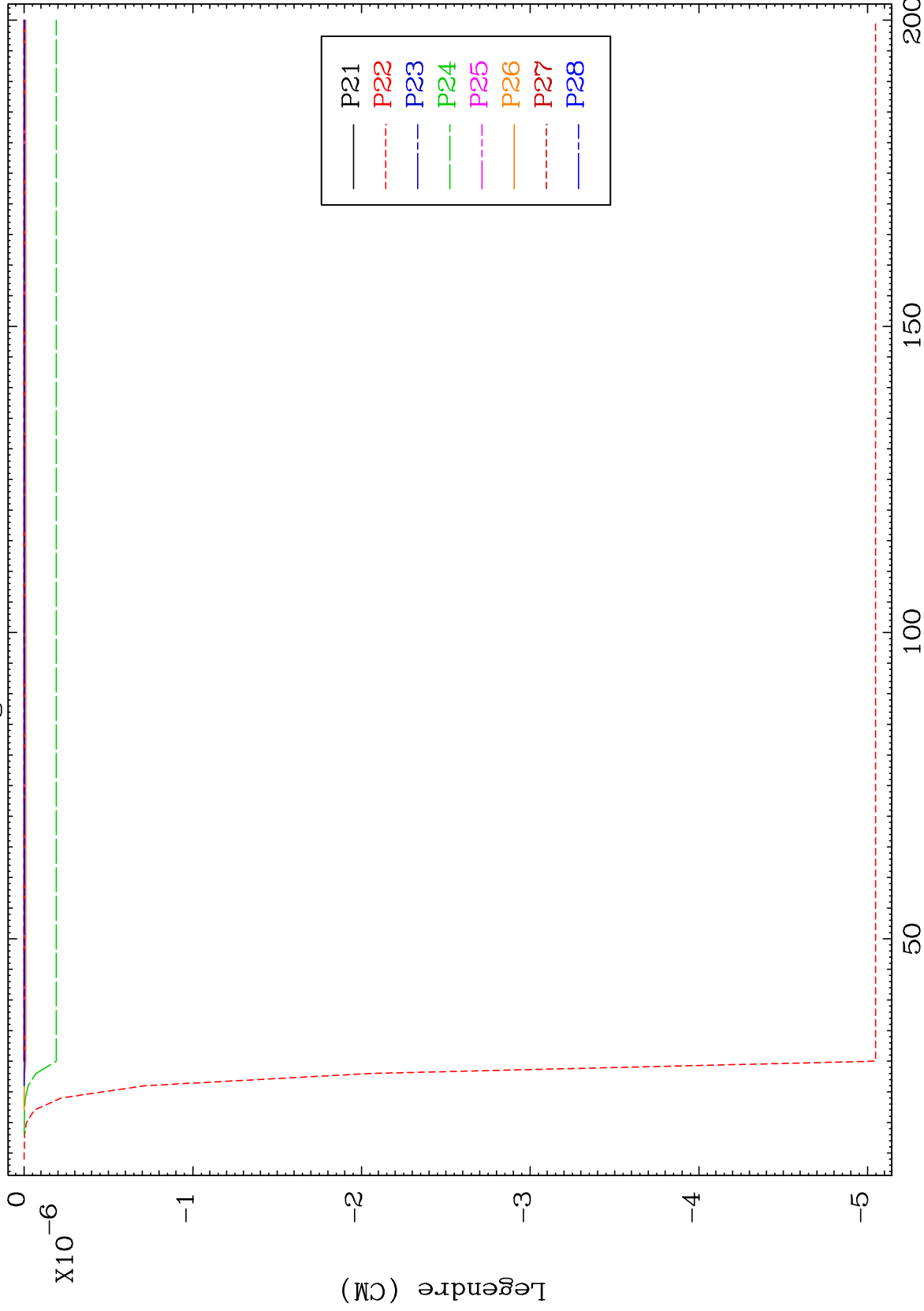
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



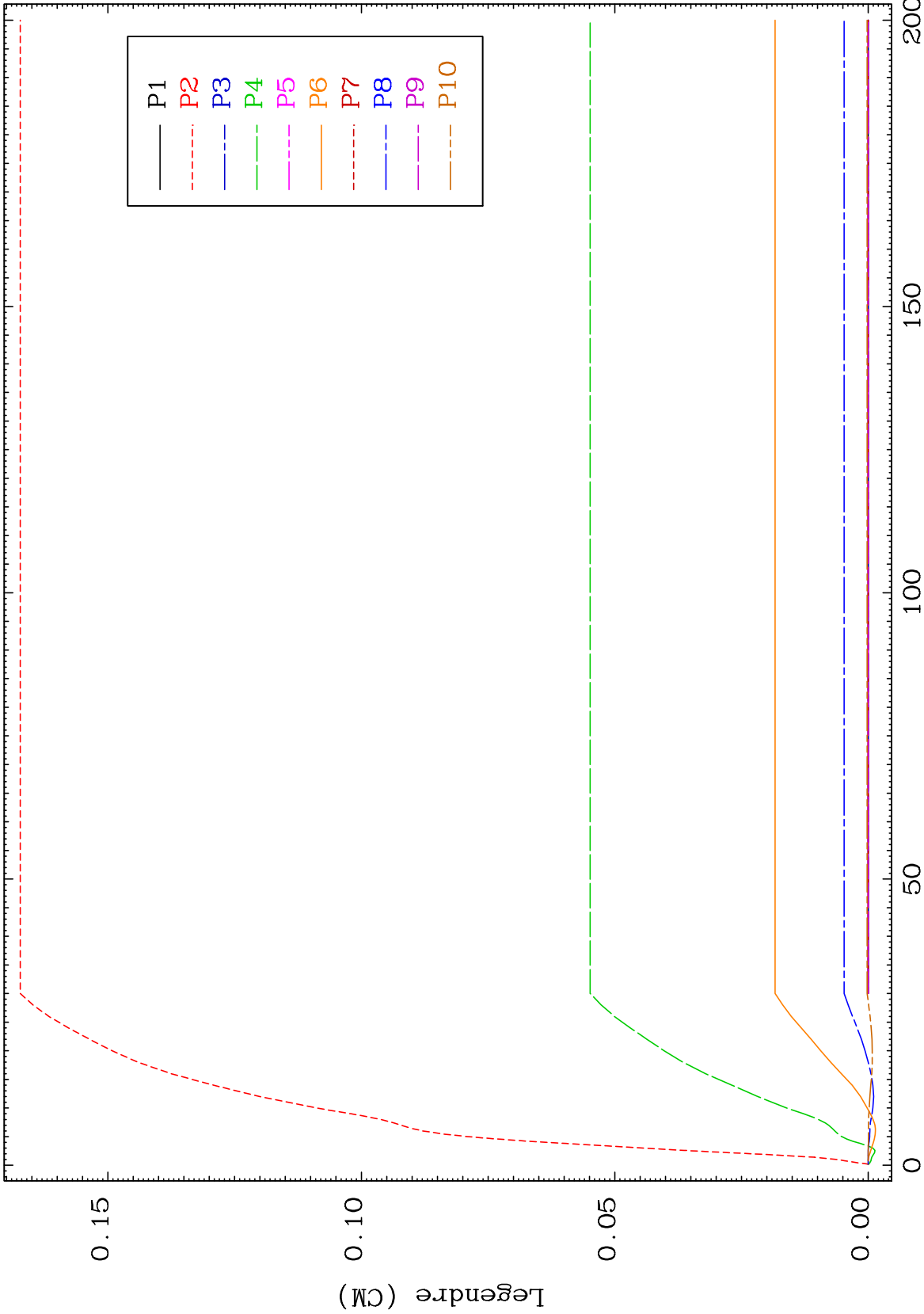
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77-Ir-194

MAT 7734

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

77-Ir-194



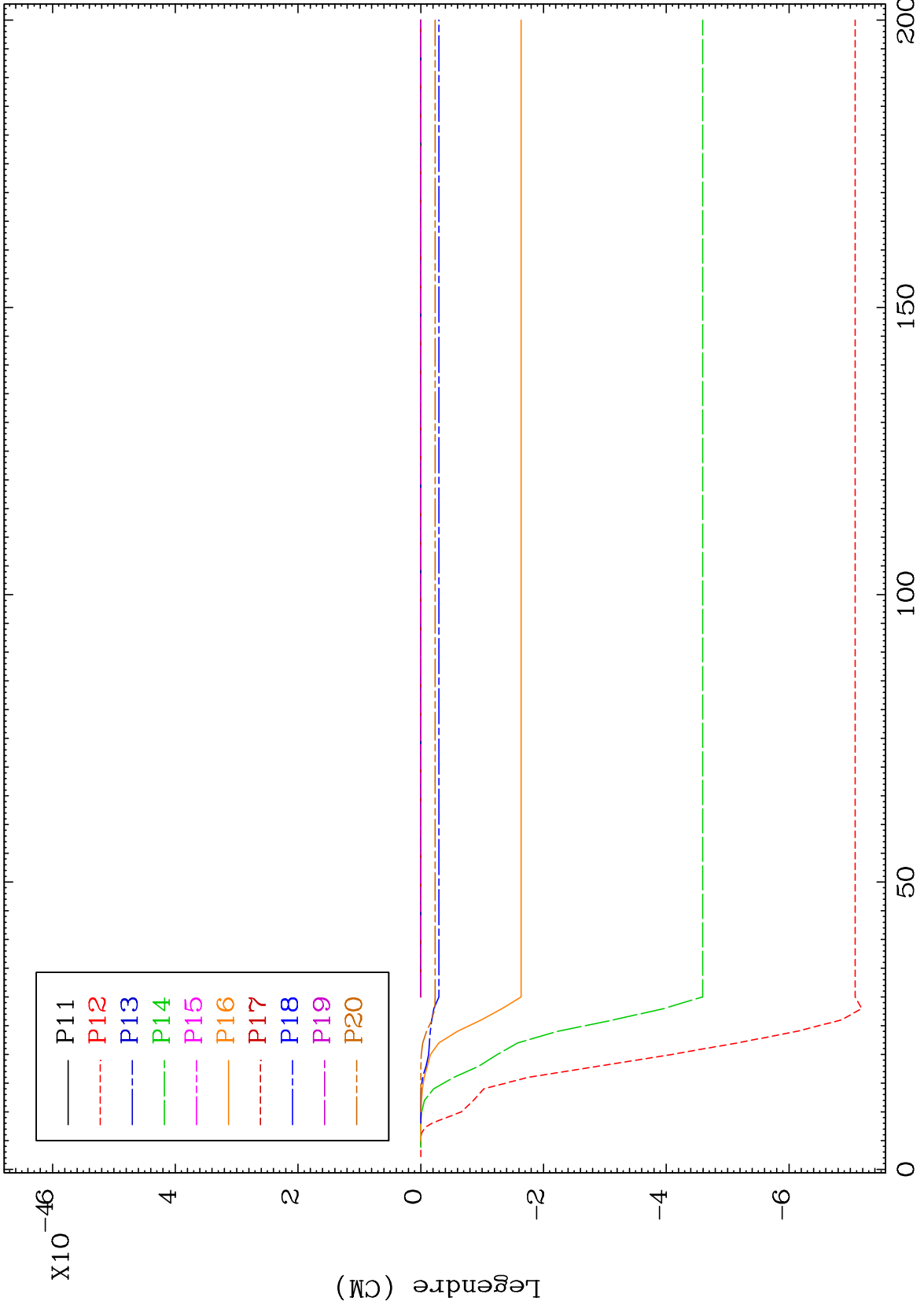
77-Ir-194

Incident Energy (MeV)

MAT 7734

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

77-Ir-194



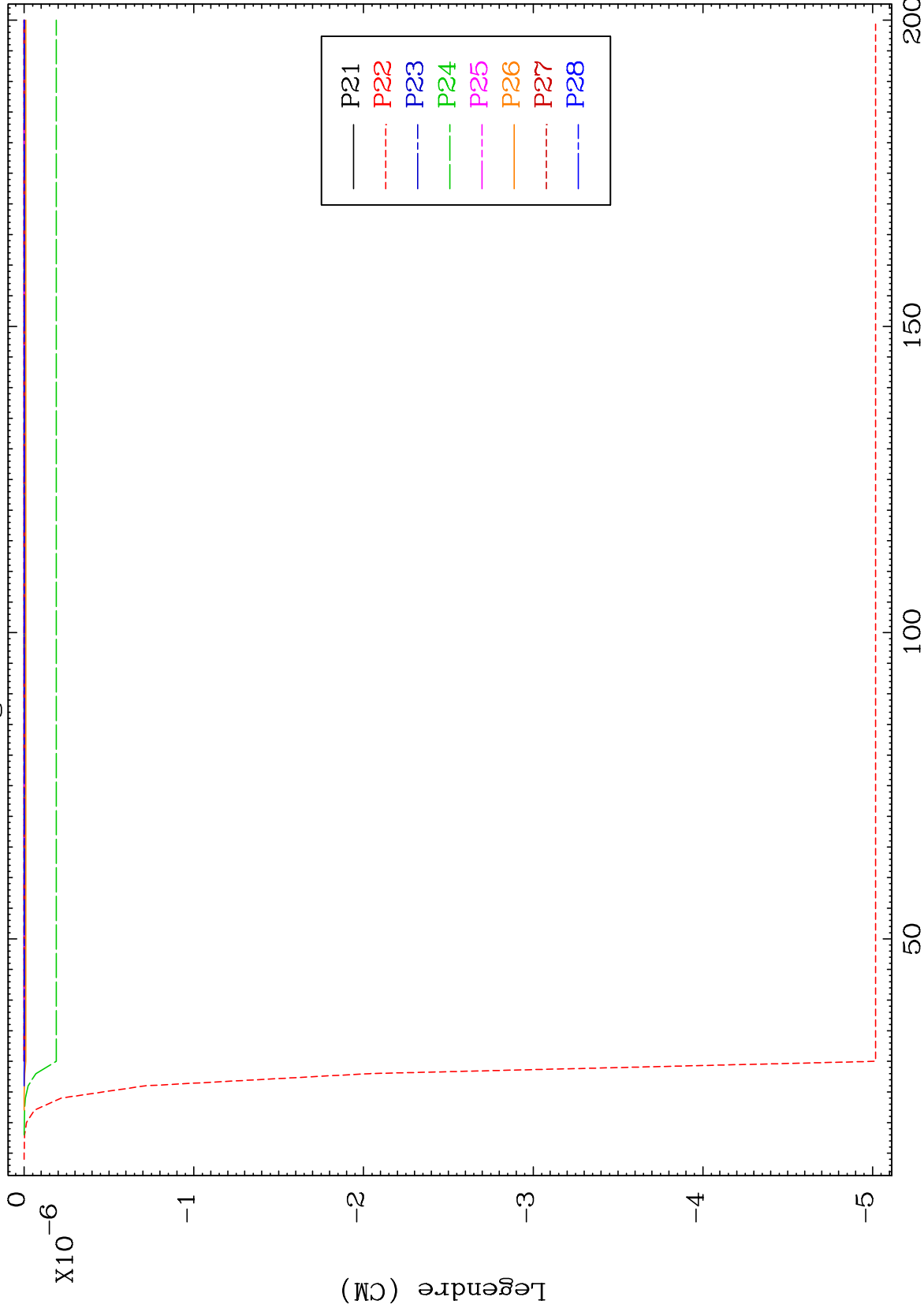
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MAT 7734

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

77-Ir-194



32

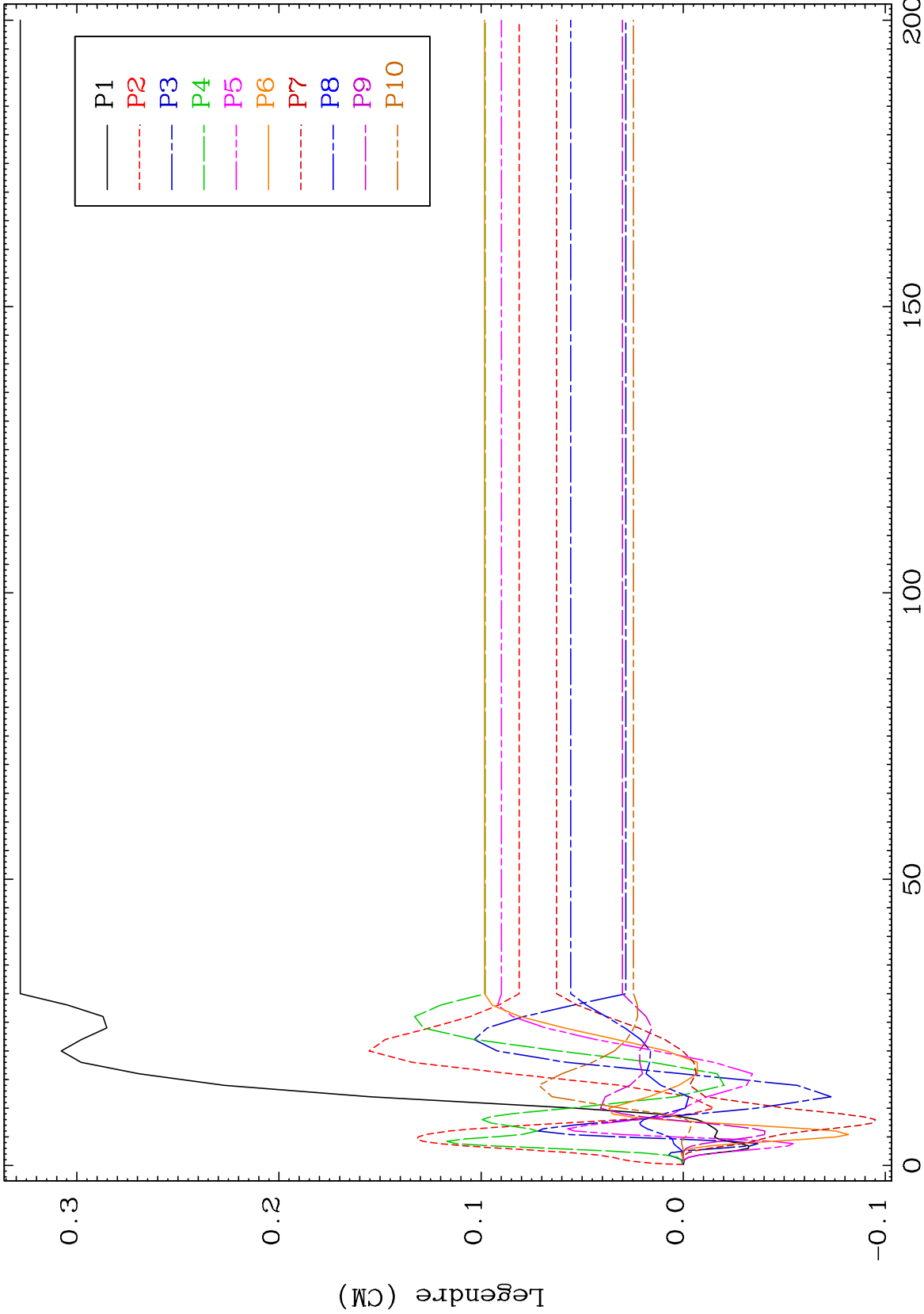
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



33

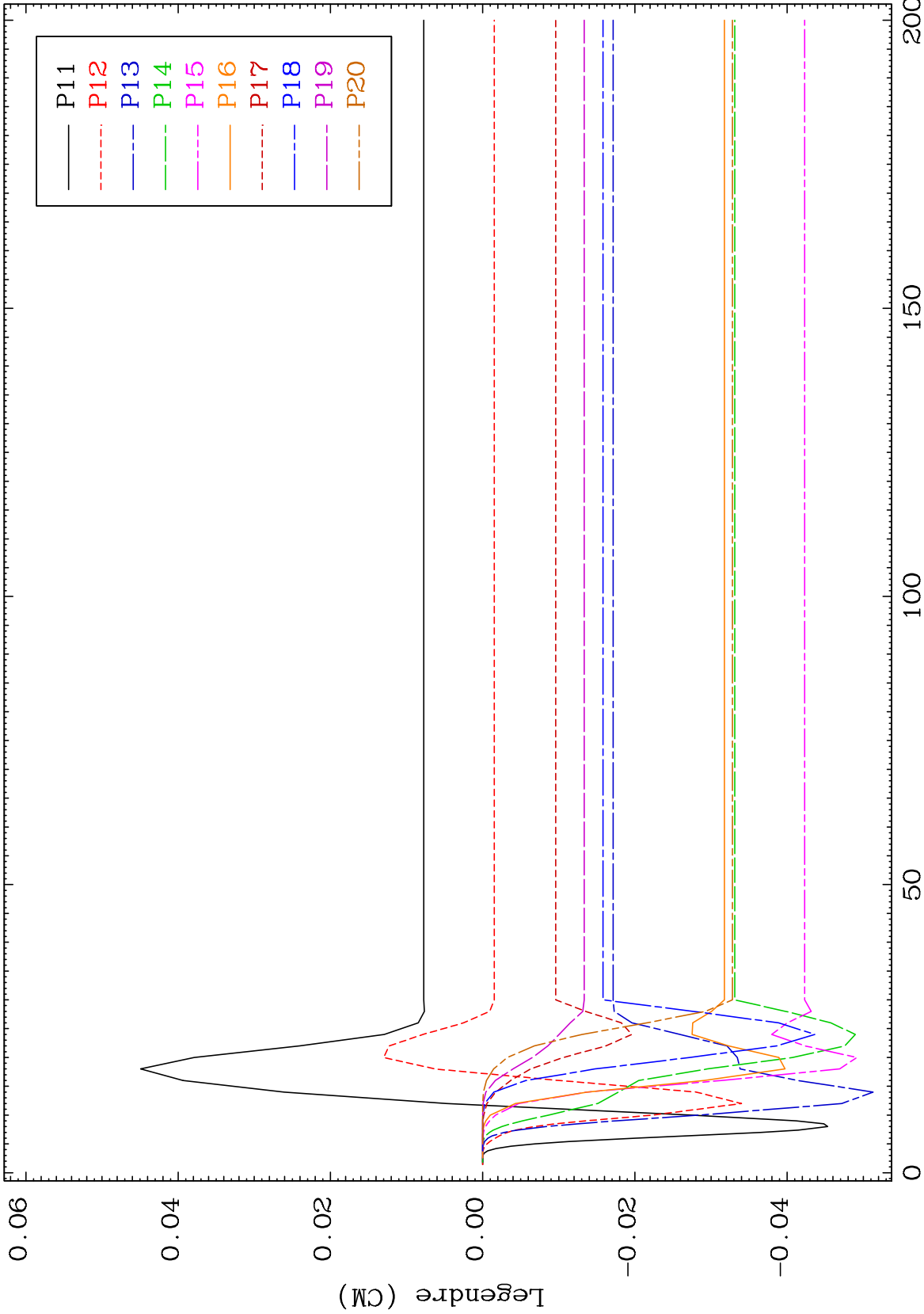
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



34

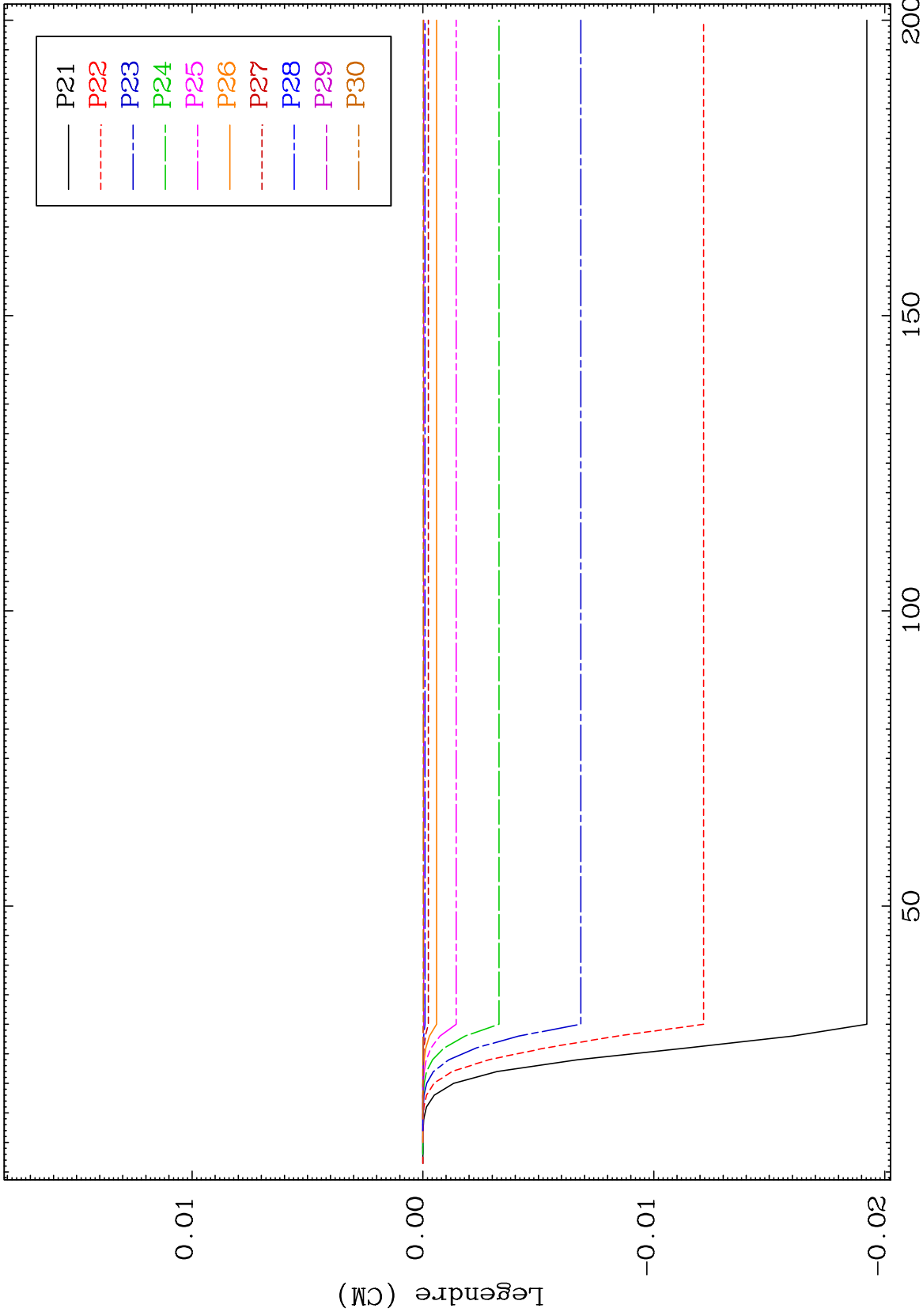
Incident Energy (MeV)

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MAT 7734

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

77-Ir-194



35

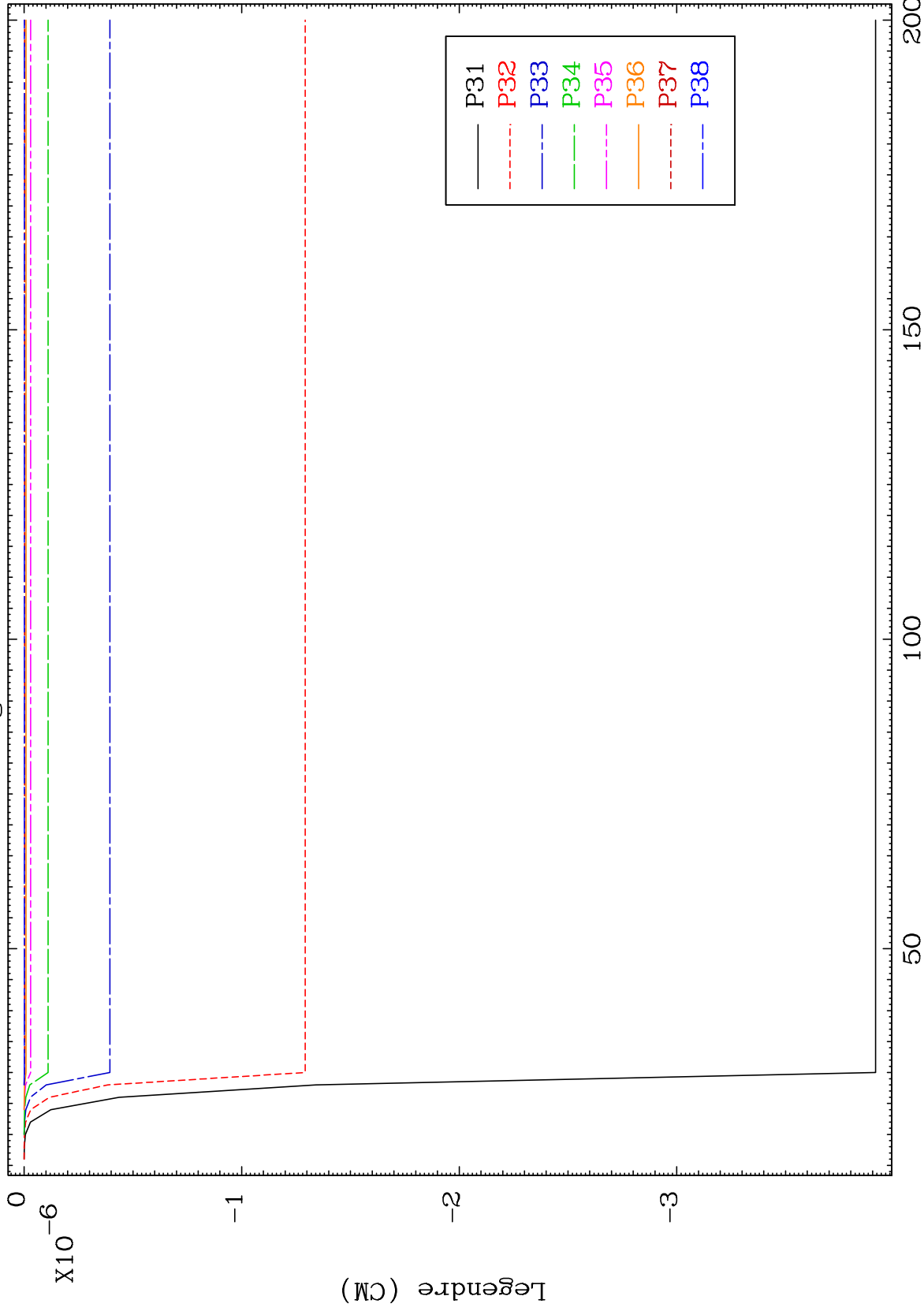
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194

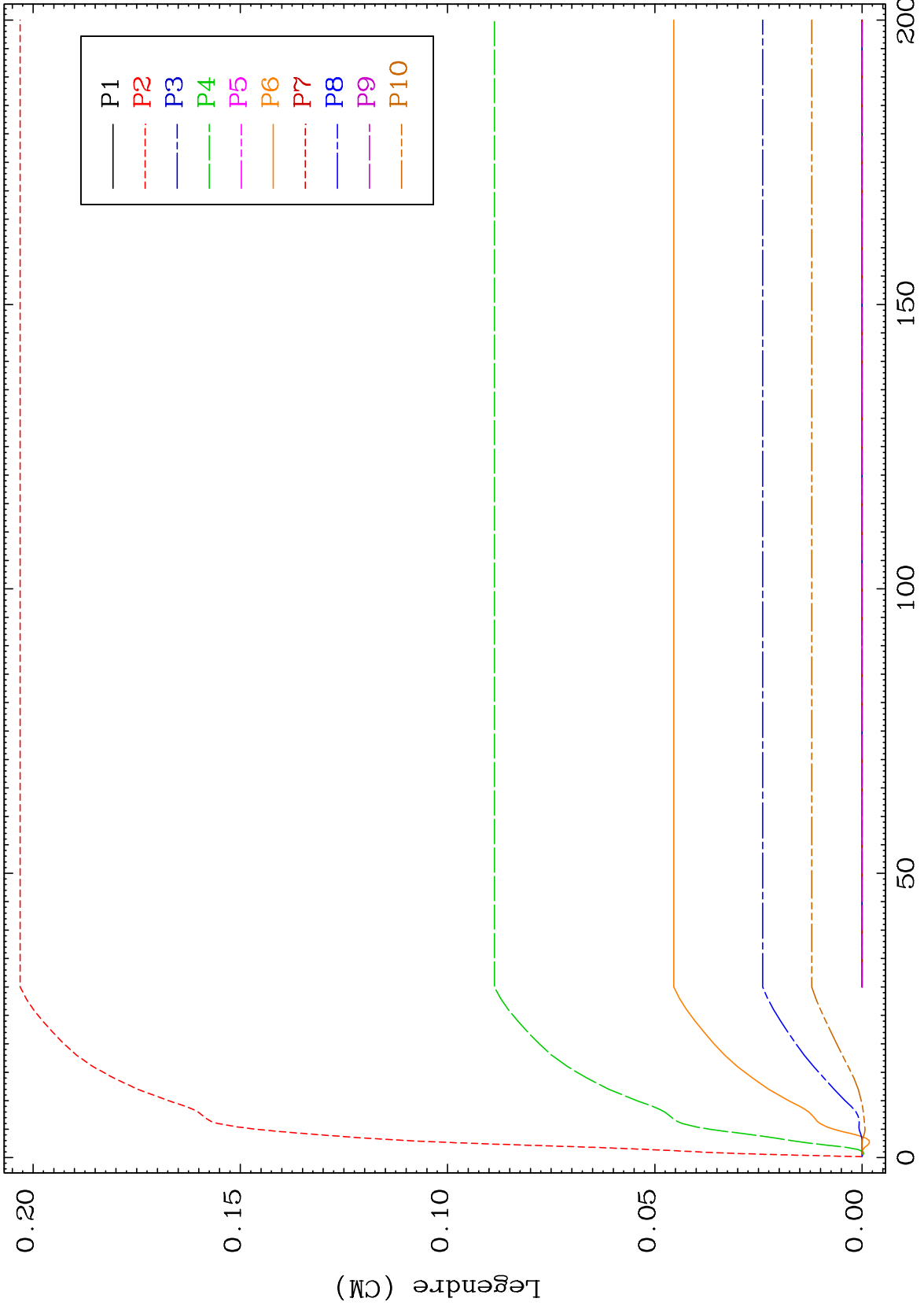


77-Ir-194

Incident Energy (MeV)

36

MAT 7734 MT= 56 (n,n') Level Legendre Coefficients 77-Ir-194

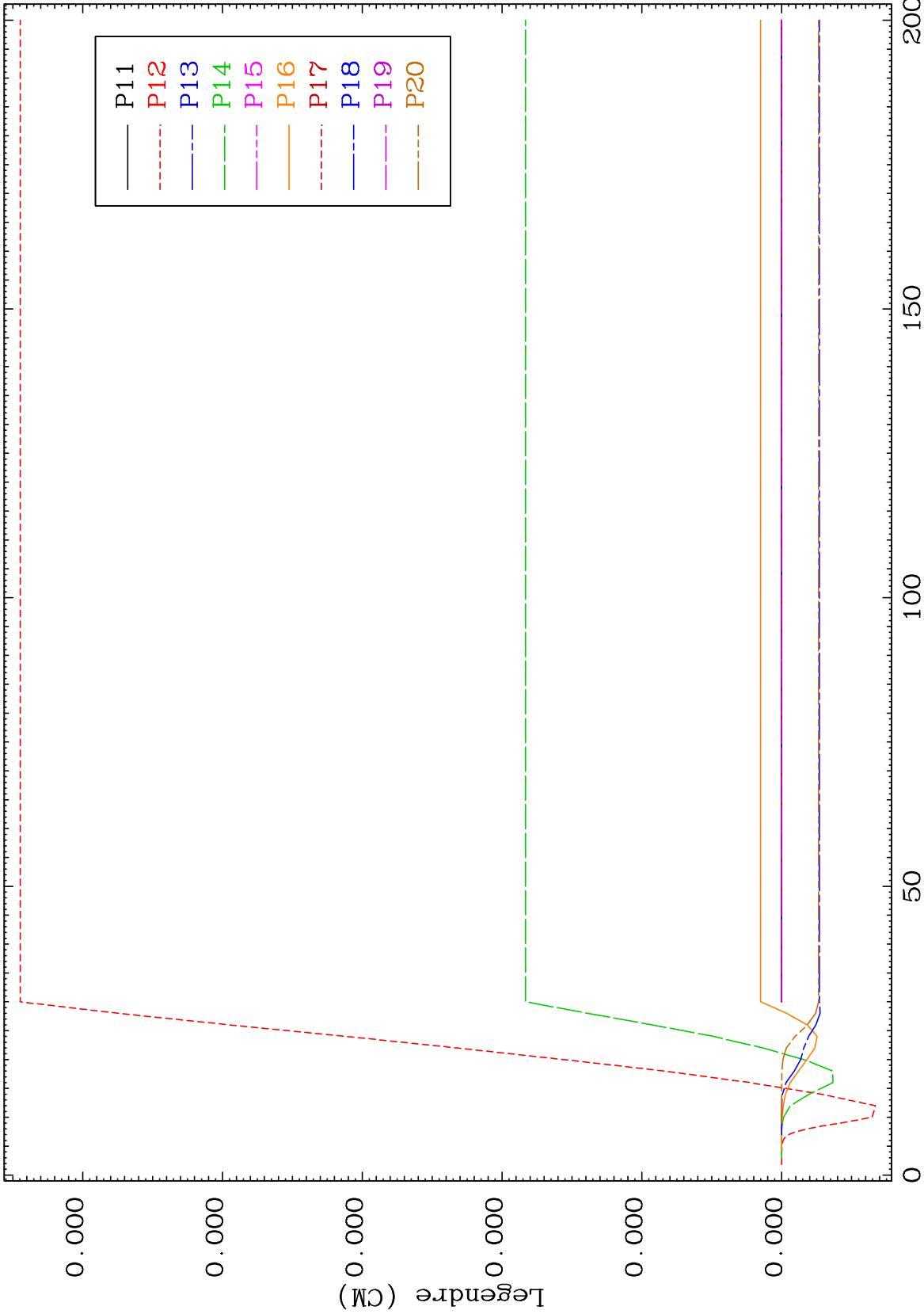


37 Incident Energy (MeV) 77-Ir-194

MAT 7734

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

77-Ir-194



38

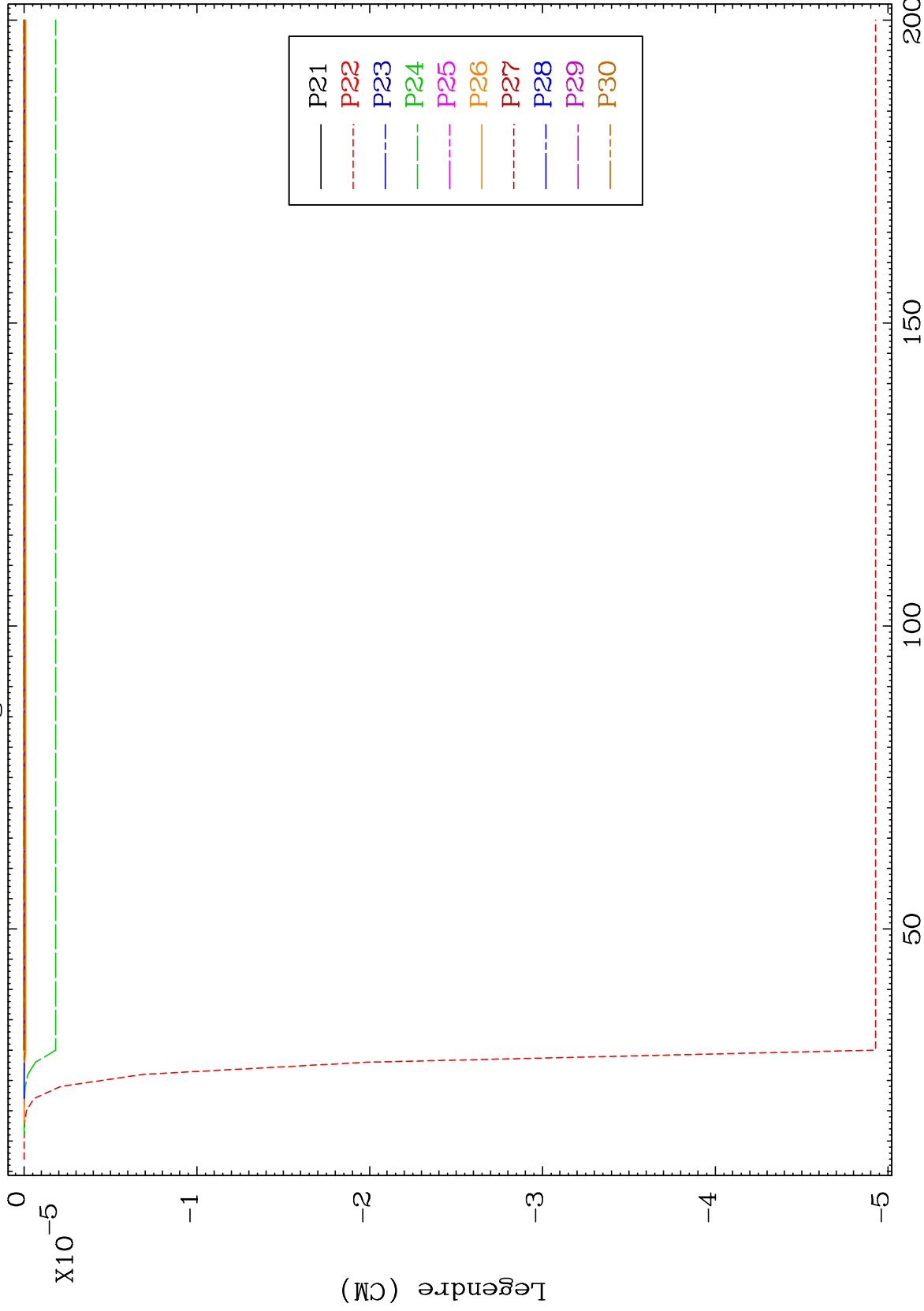
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



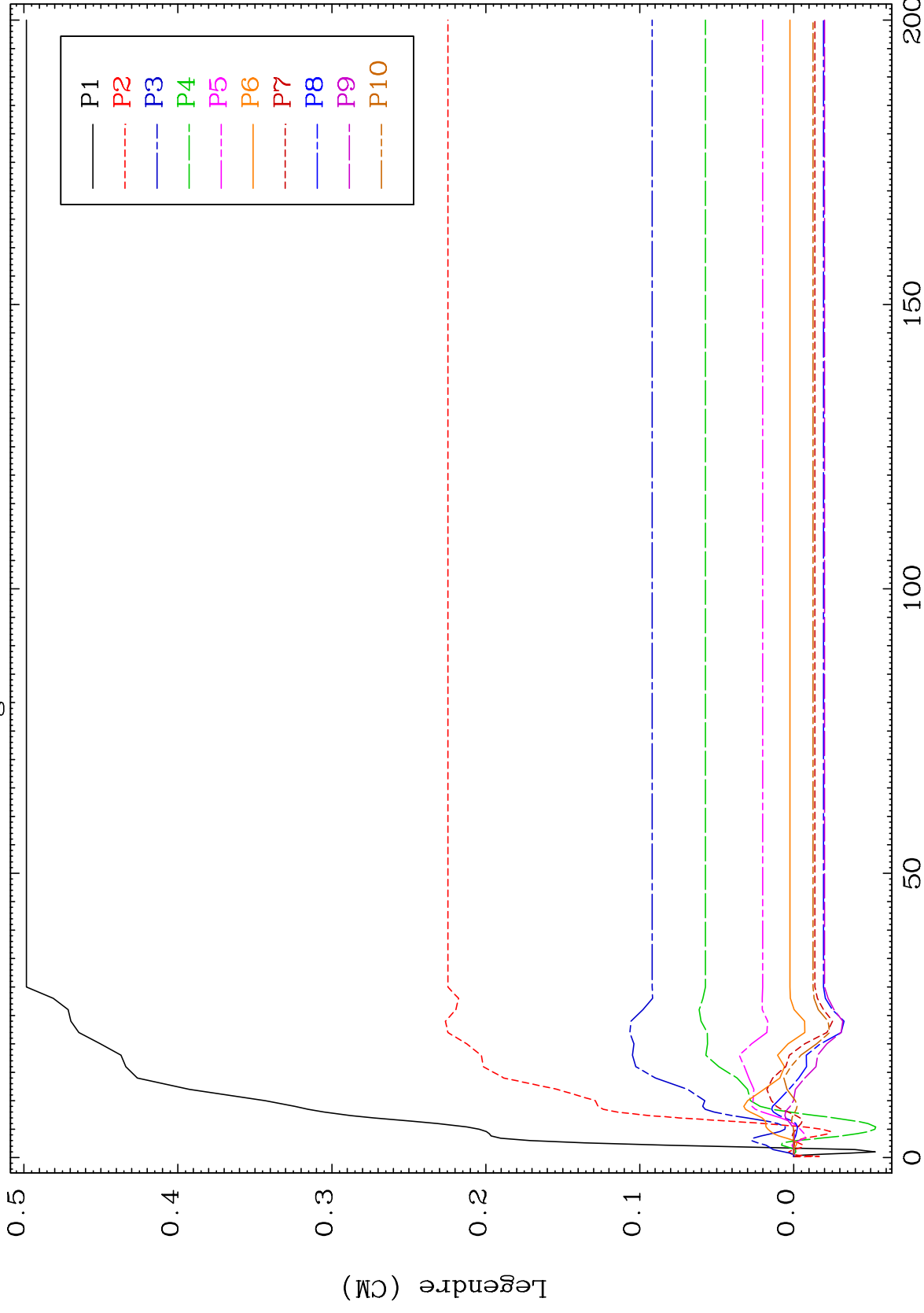
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77-Ir-194

MAT 7734

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

77-Ir-194



77-Ir-194

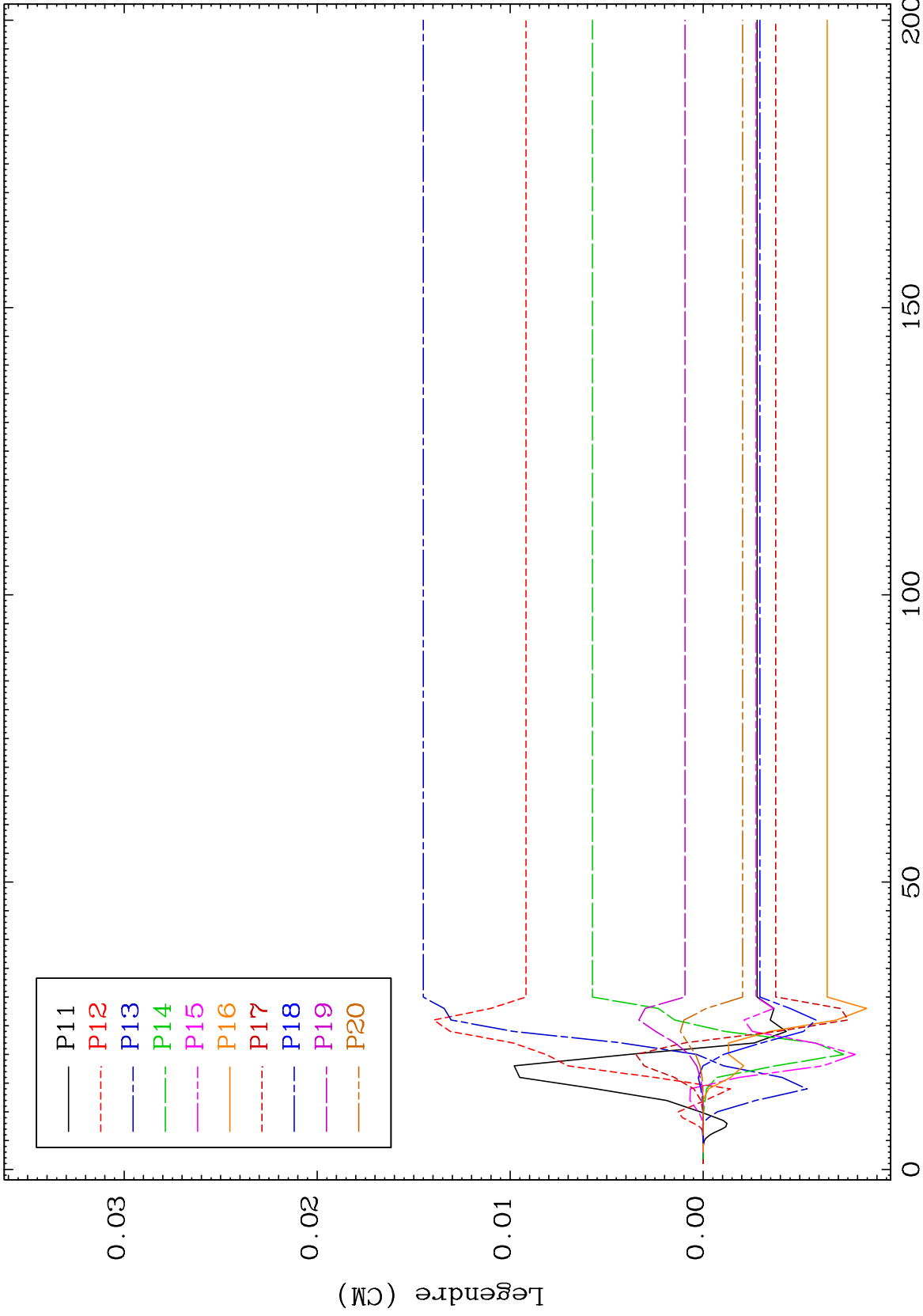
Incident Energy (MeV)

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MAT 7734

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

77-Ir-194



41

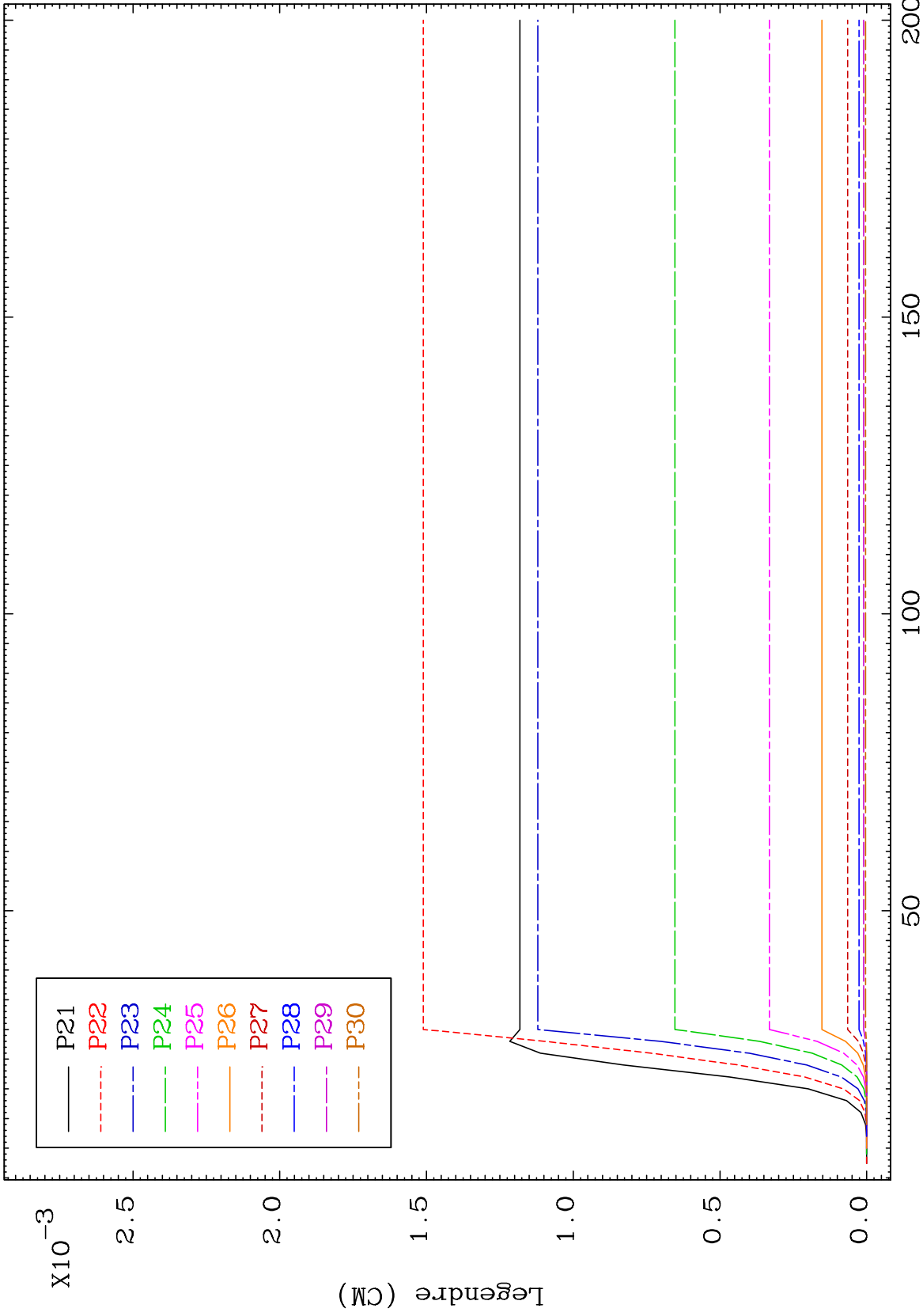
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



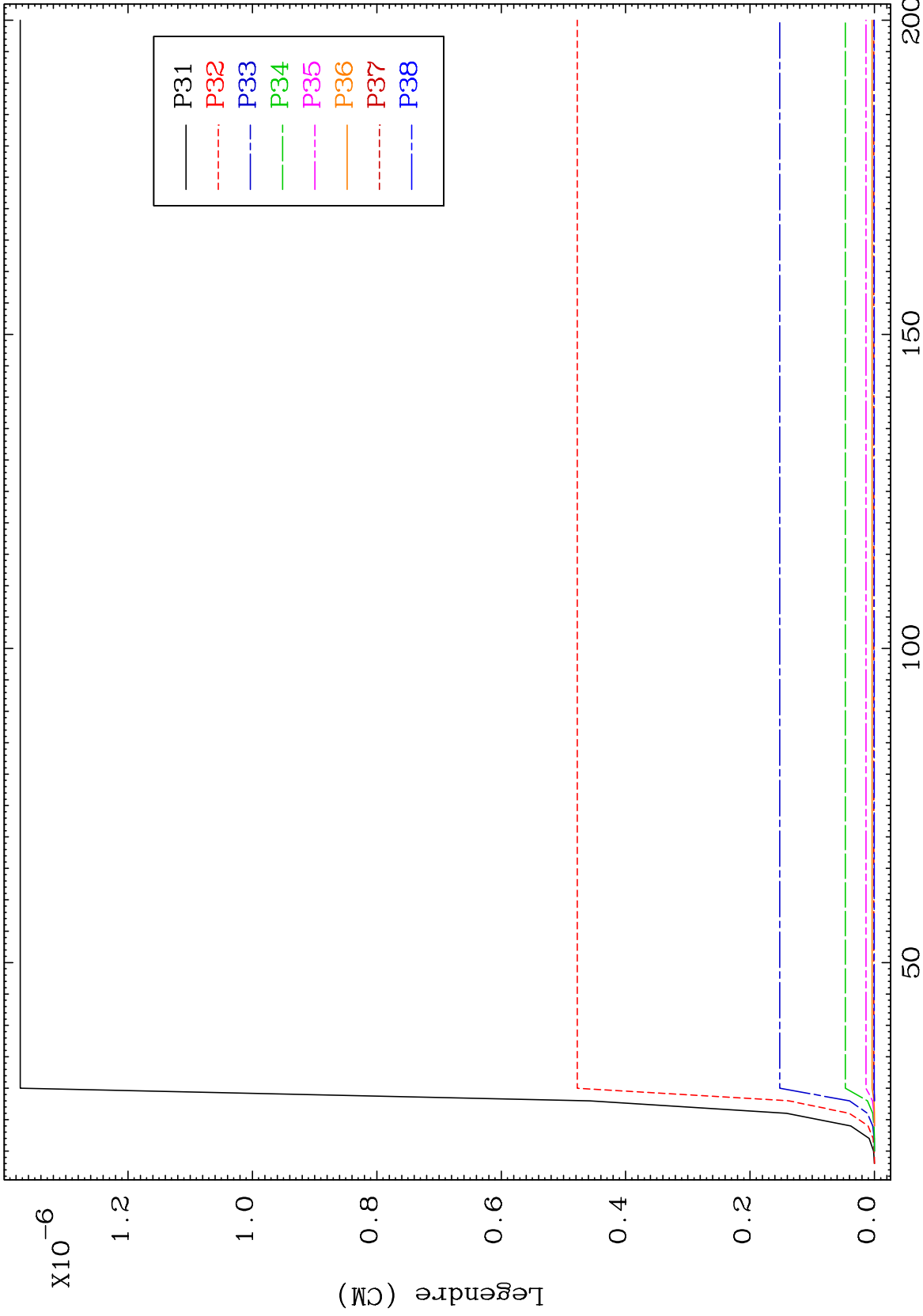
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MAT 7734

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

77-Ir-194



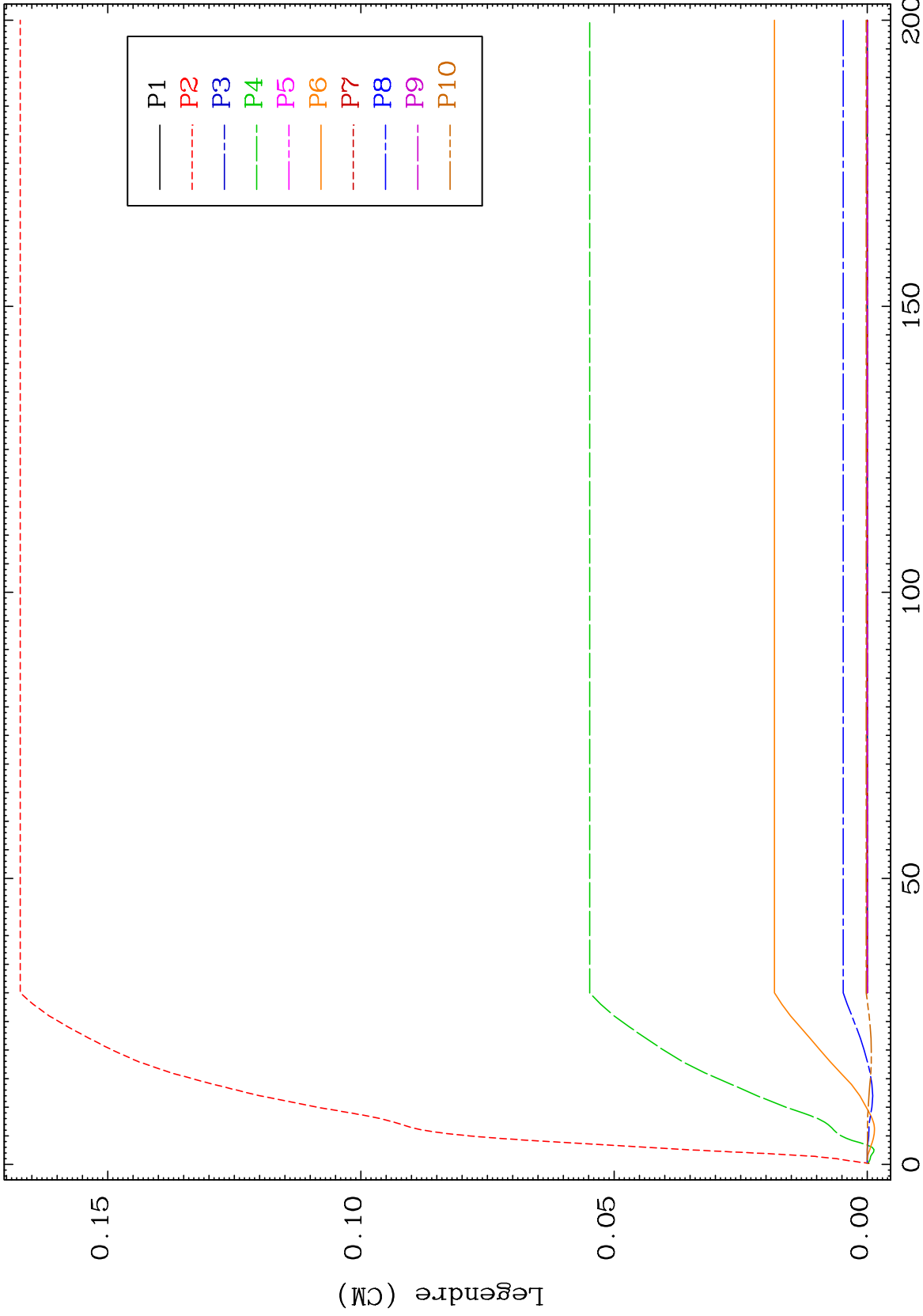
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77-Ir-194

MAT 7734

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

77-Ir-194



44

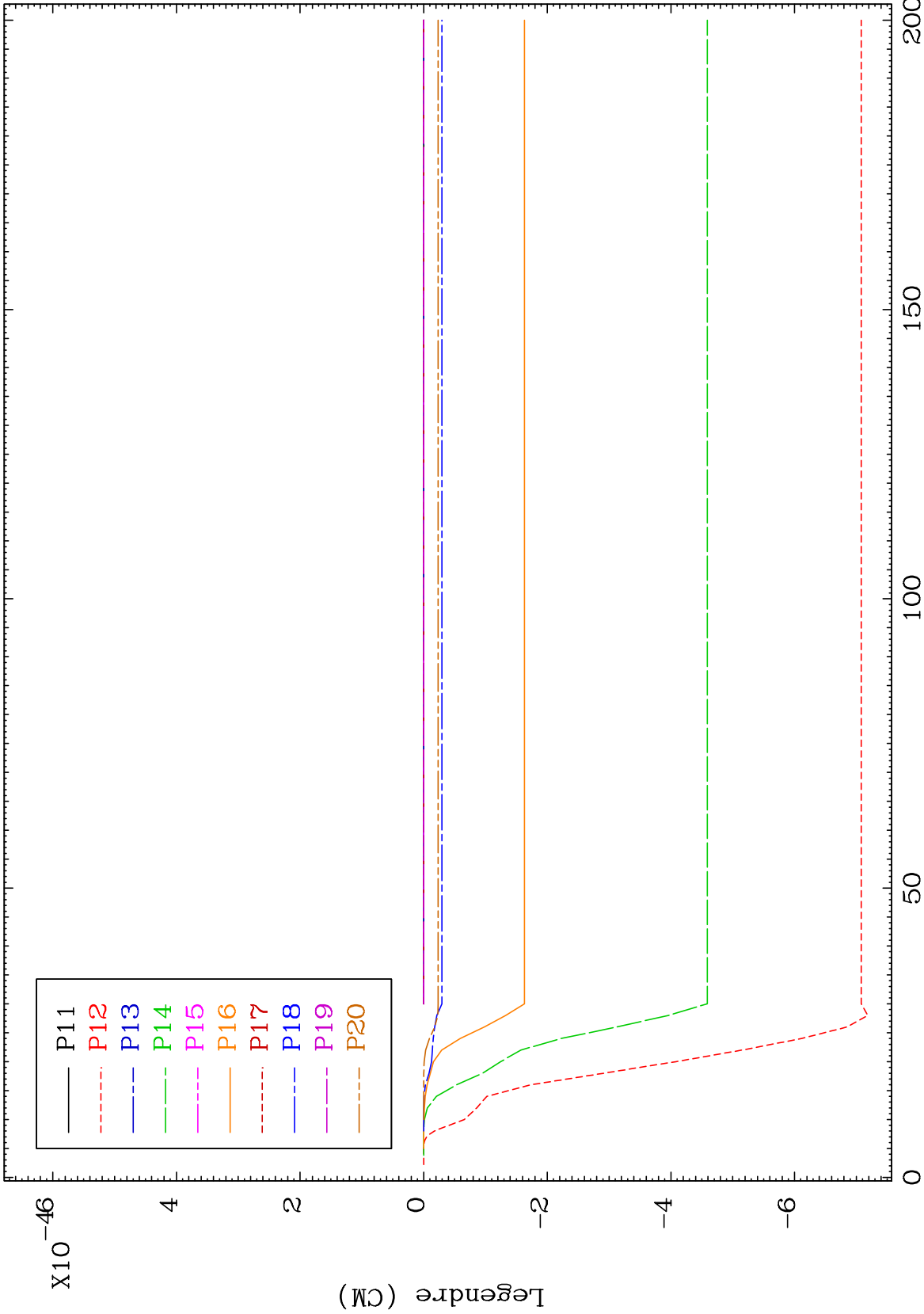
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



45

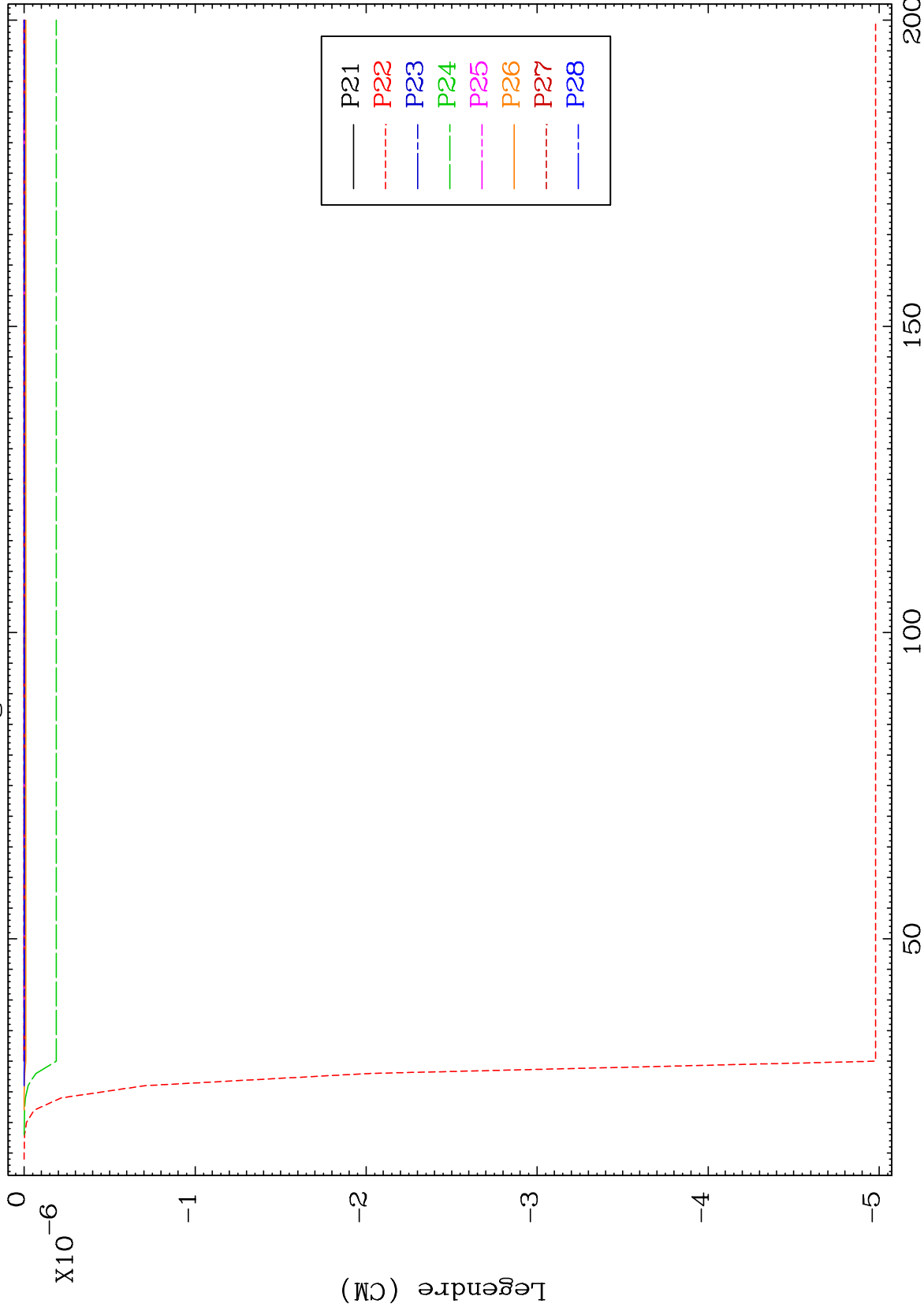
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



46

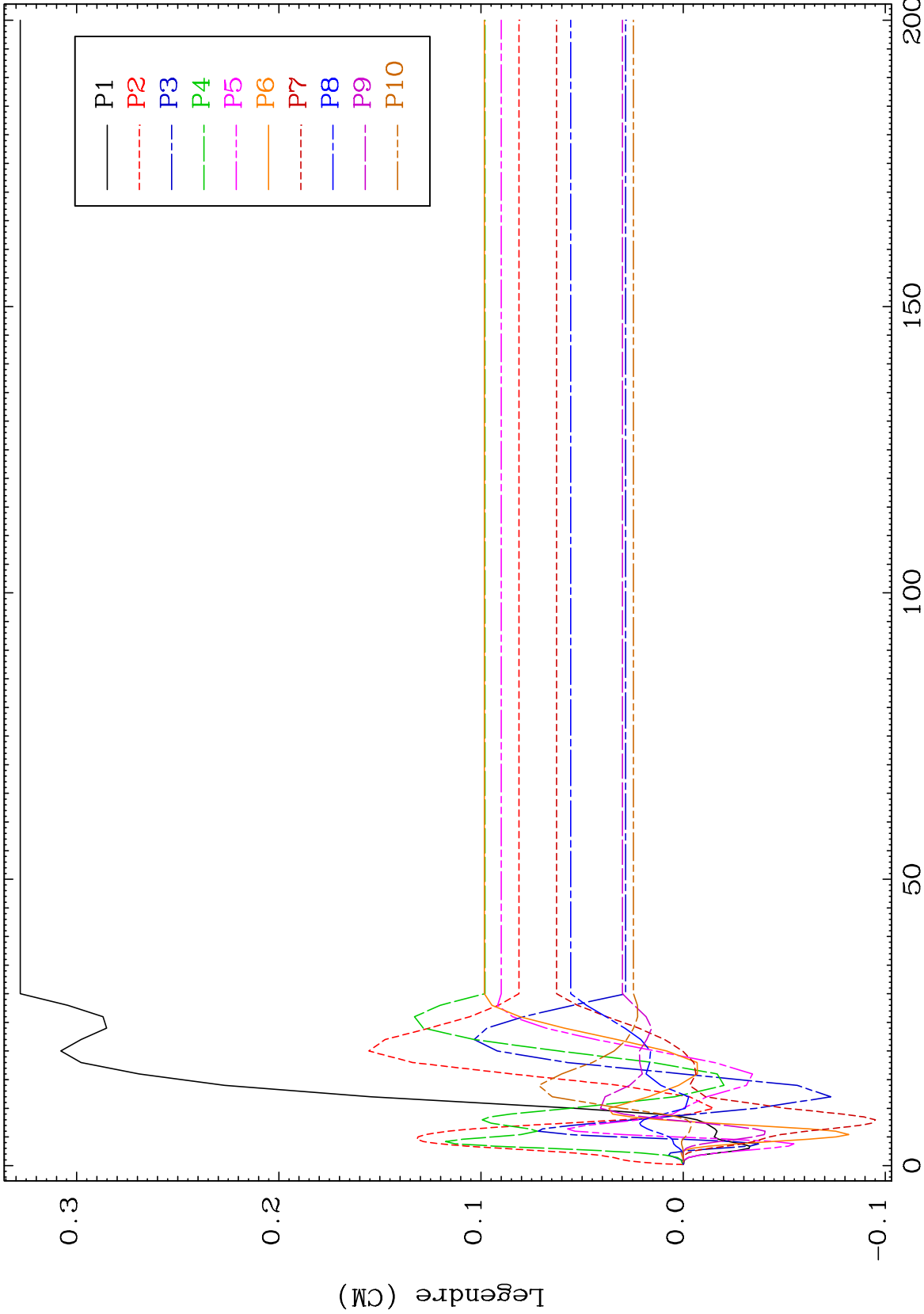
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



47

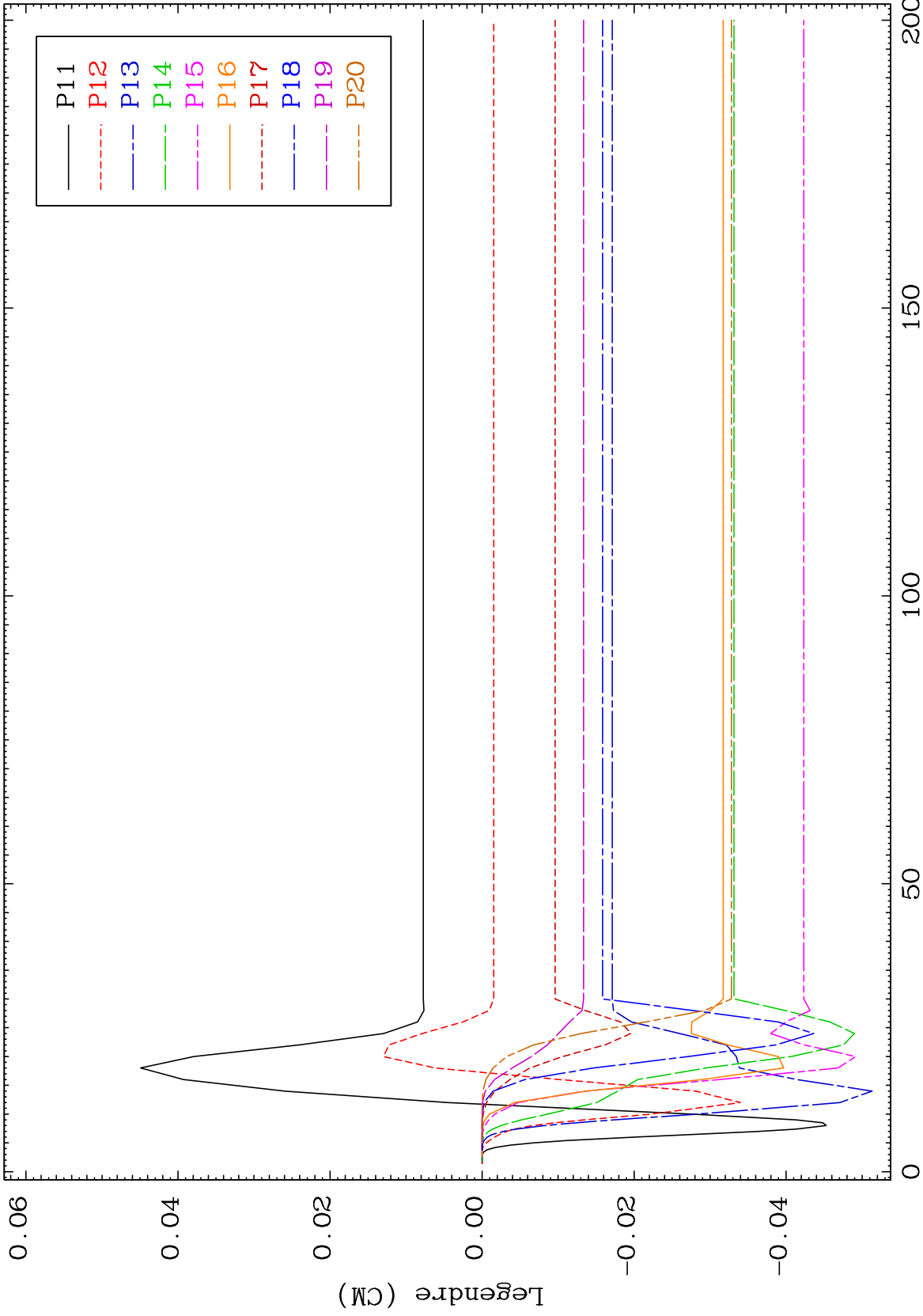
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77-Ir-194

MAT 7734

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

77-Ir-194



48

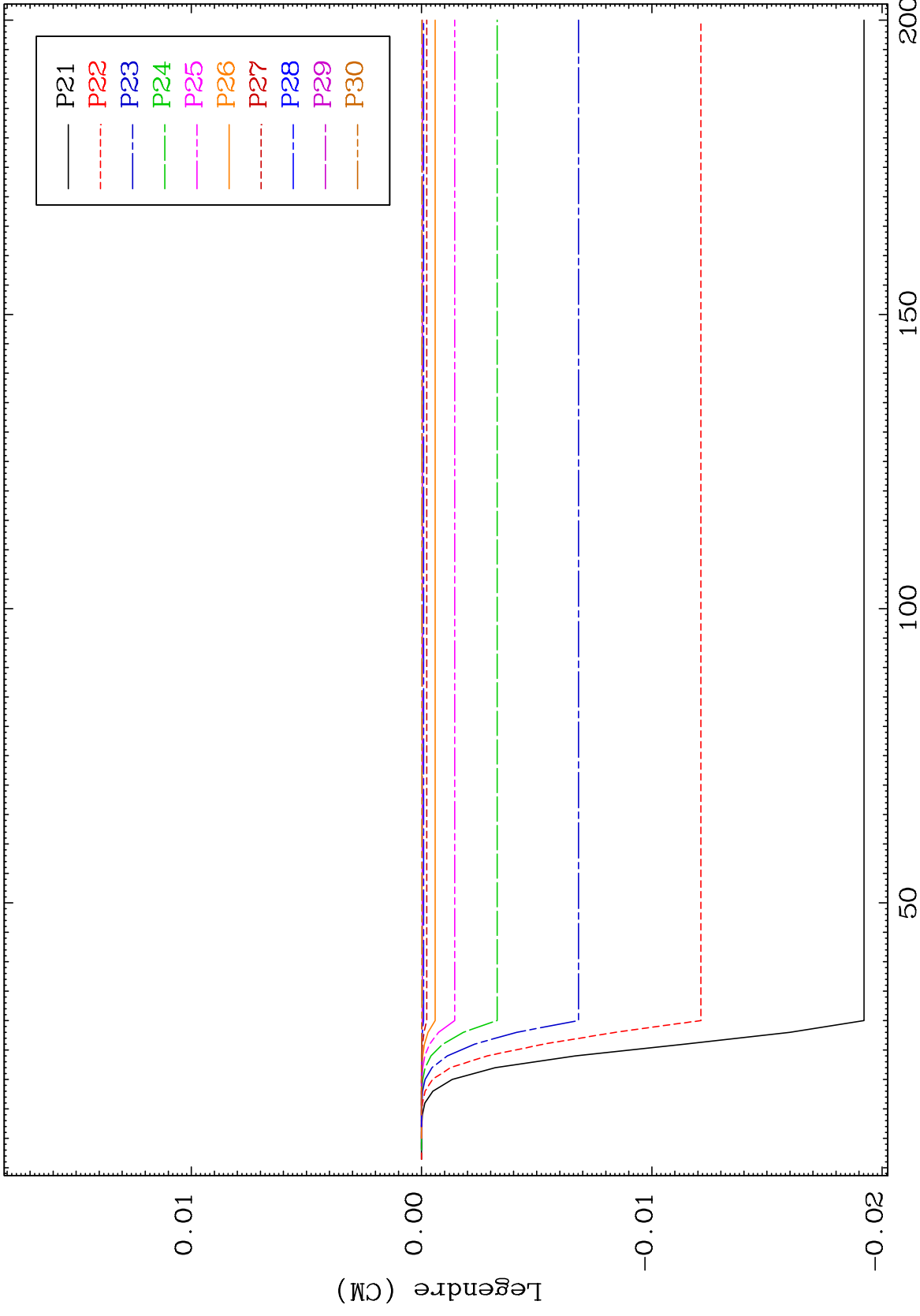
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



49

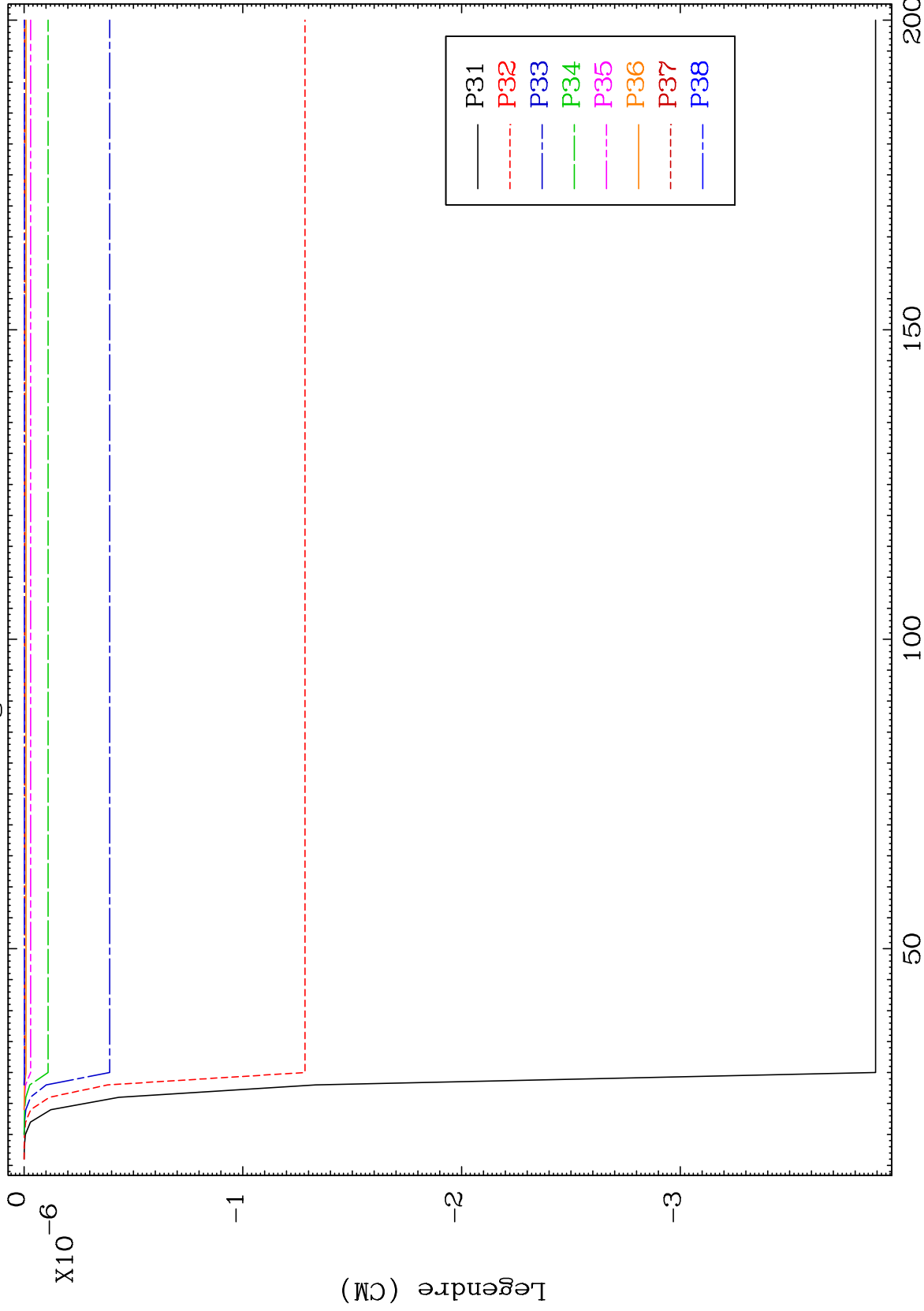
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



77-Ir-194

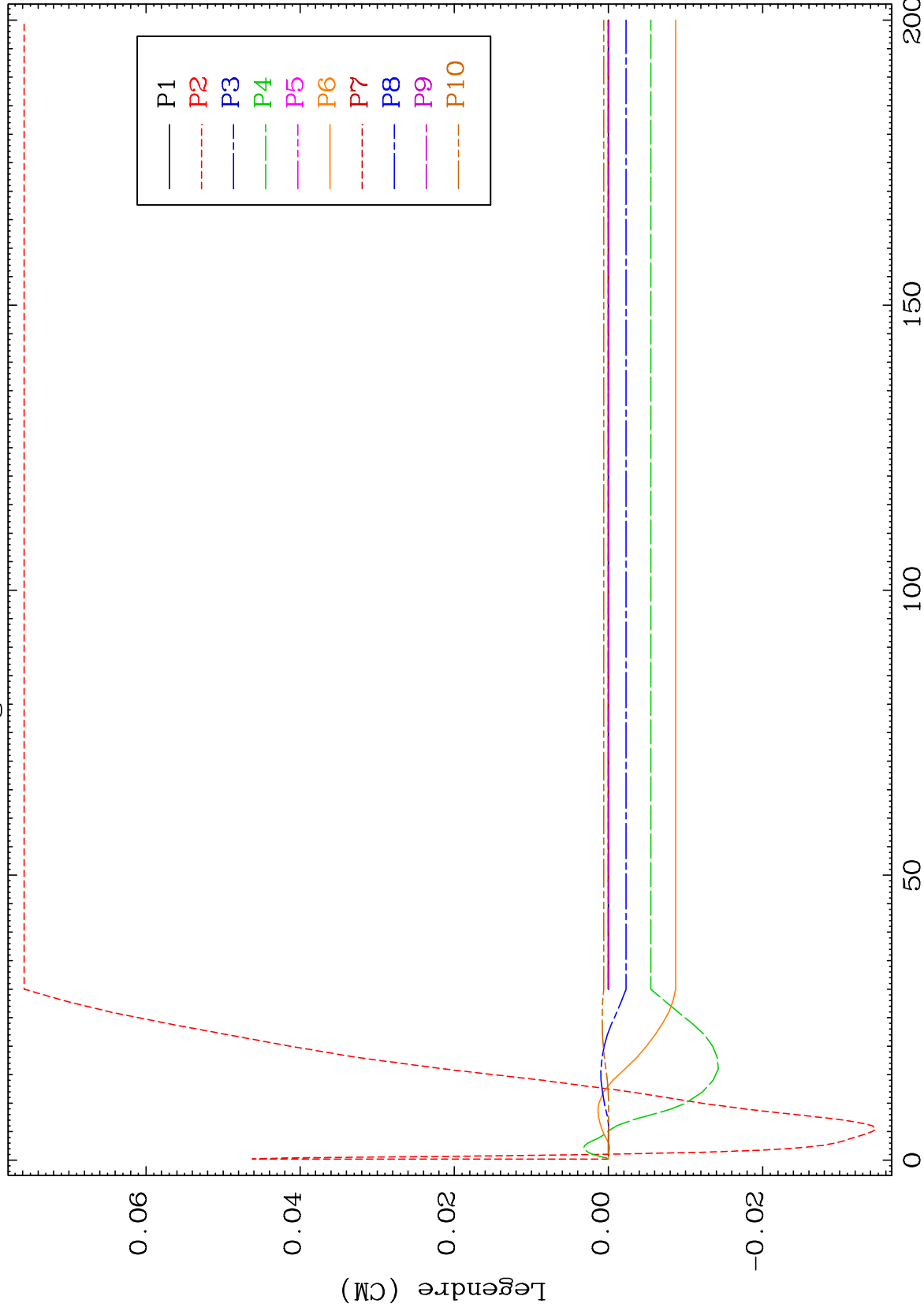
Incident Energy (MeV)

50

MAT 7734

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

77-Ir-194



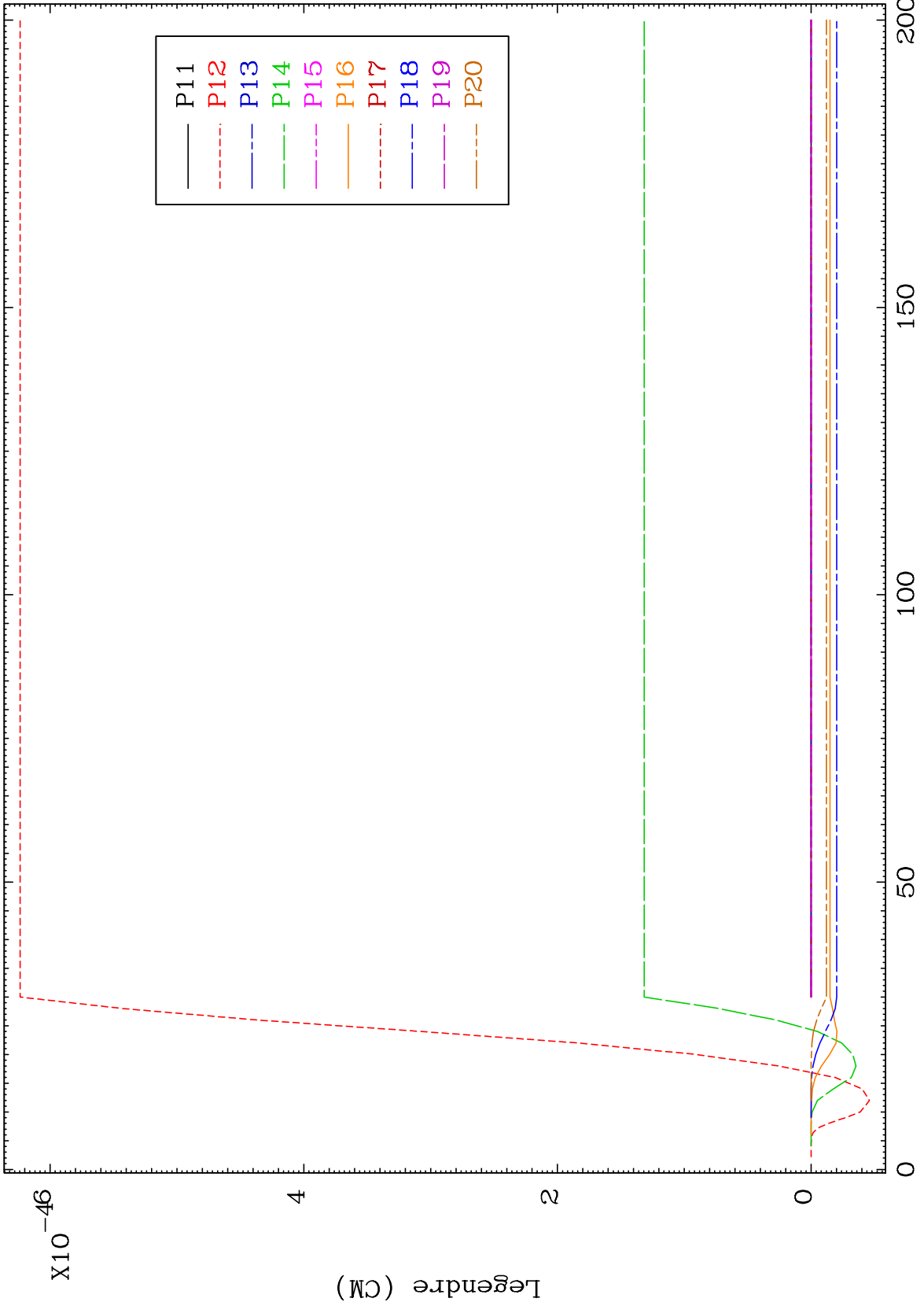
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77-Ir-194

MAT 7734

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

77-Ir-194



52

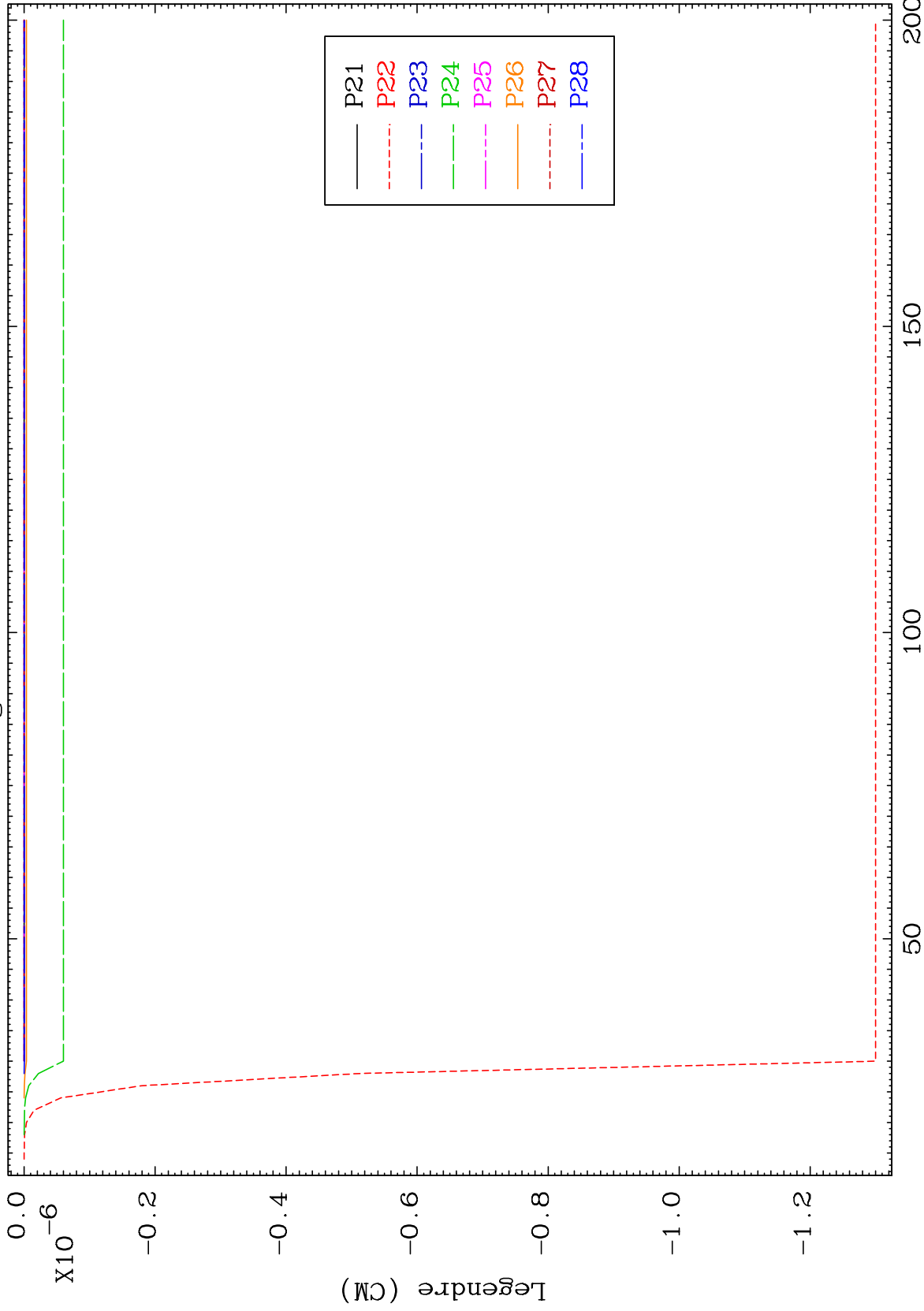
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194

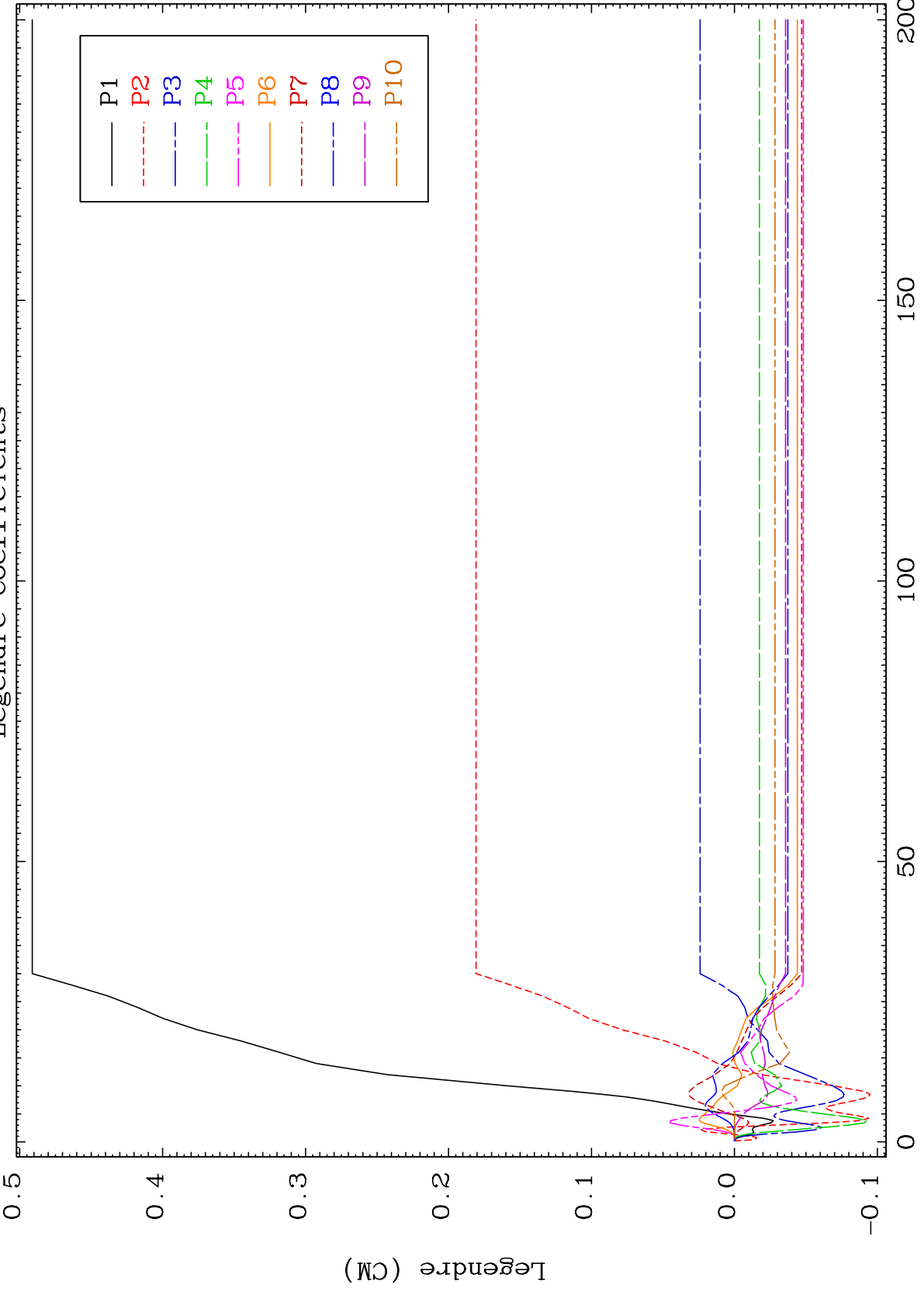


53

Incident Energy (MeV)

77-Ir-194

MAT 7734 MT= 61 (n,n') Level Legendre Coefficients 77-Ir-194

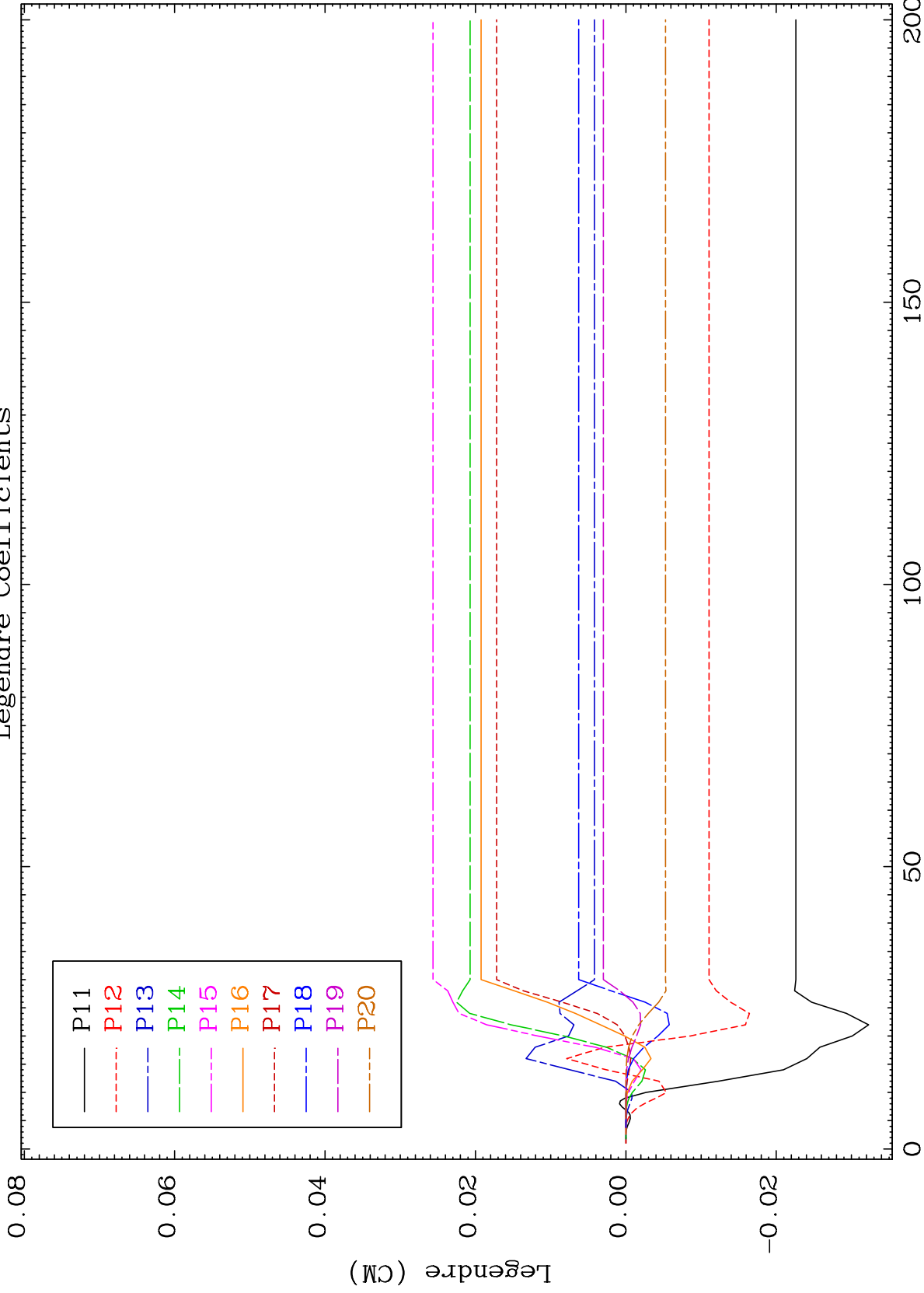


54 77-Ir-194

MAT 7734

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

77-Ir-194



77-Ir-194

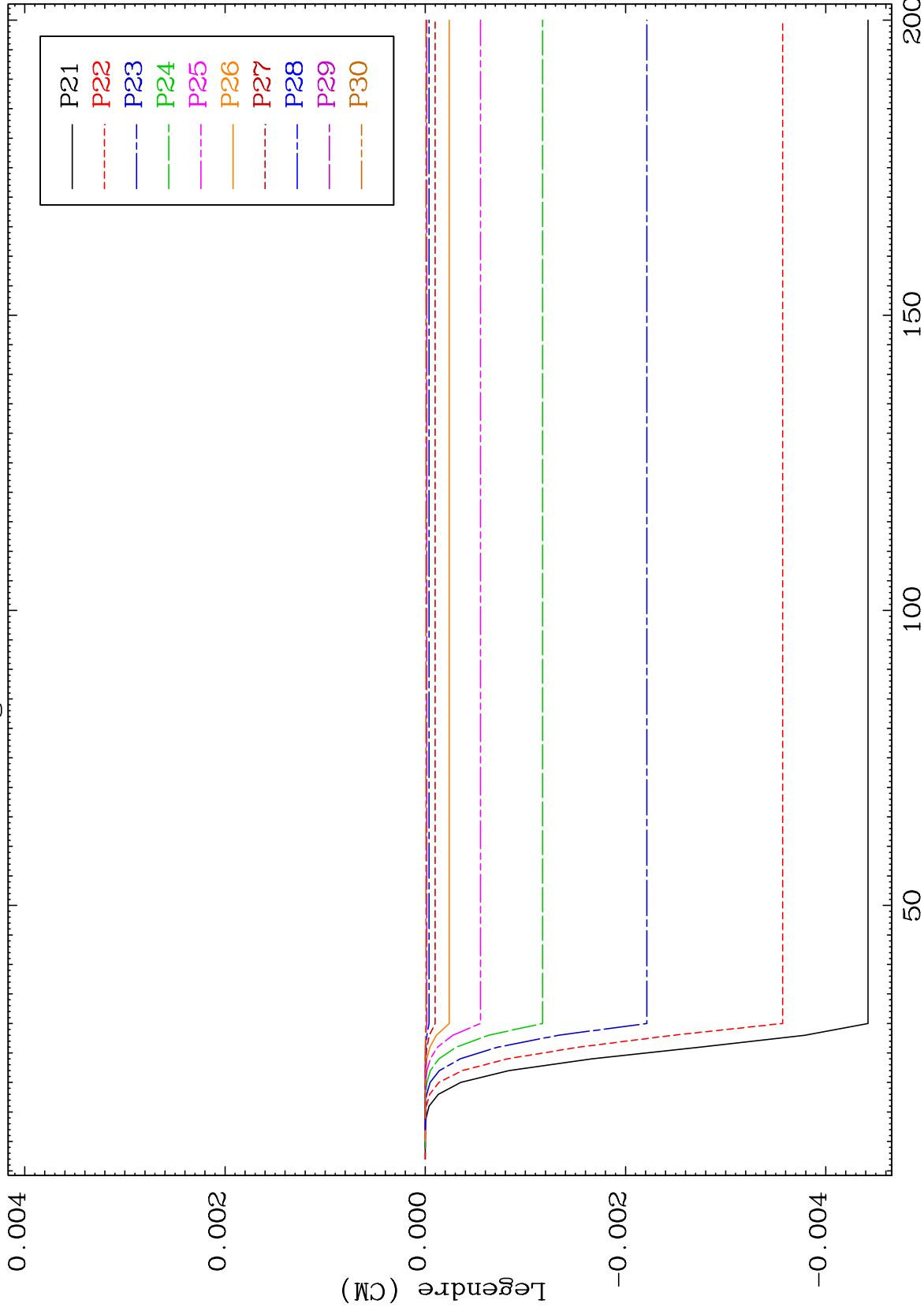
Incident Energy (MeV)

55

MAT 7734

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

77-Ir-194



56

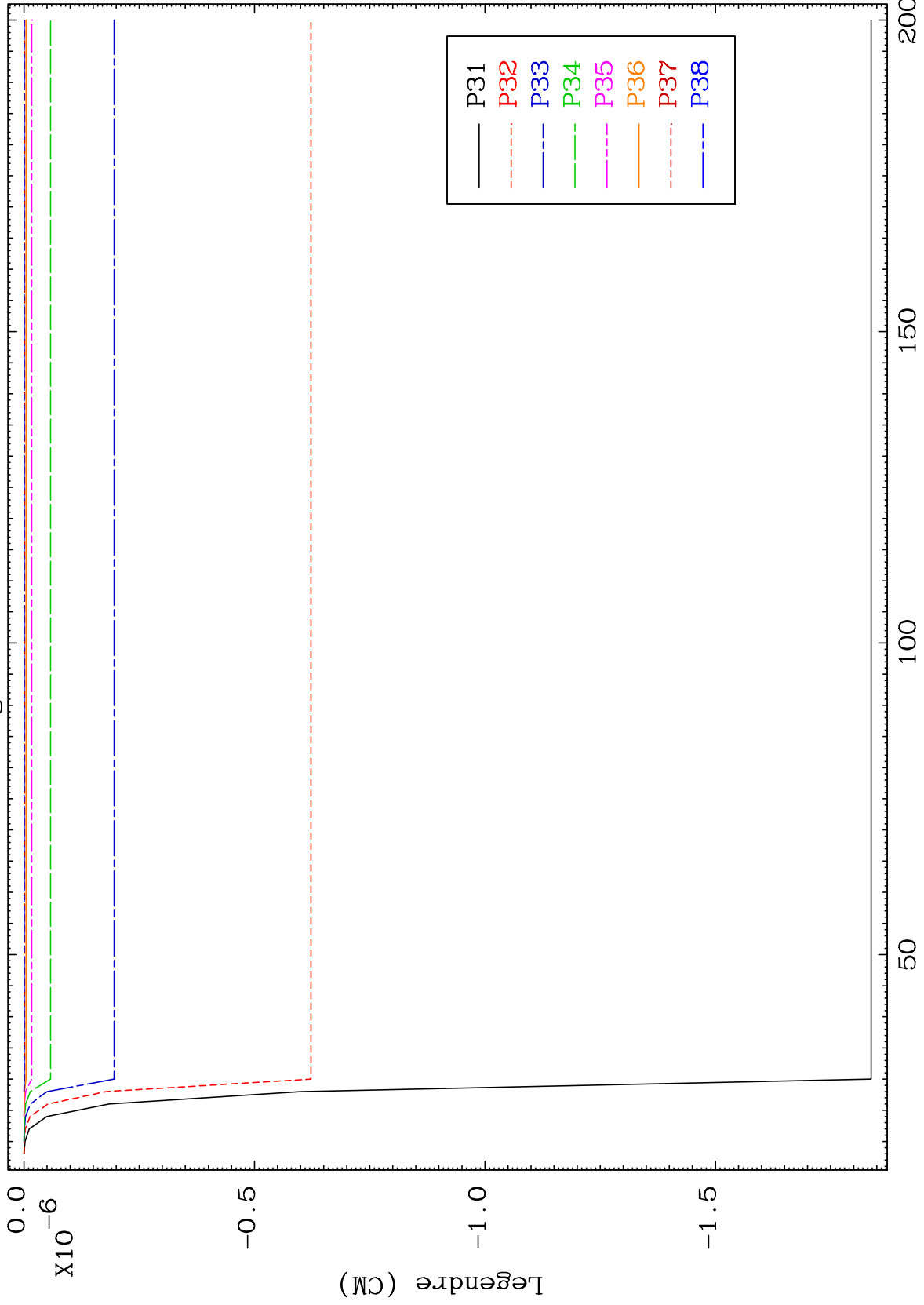
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



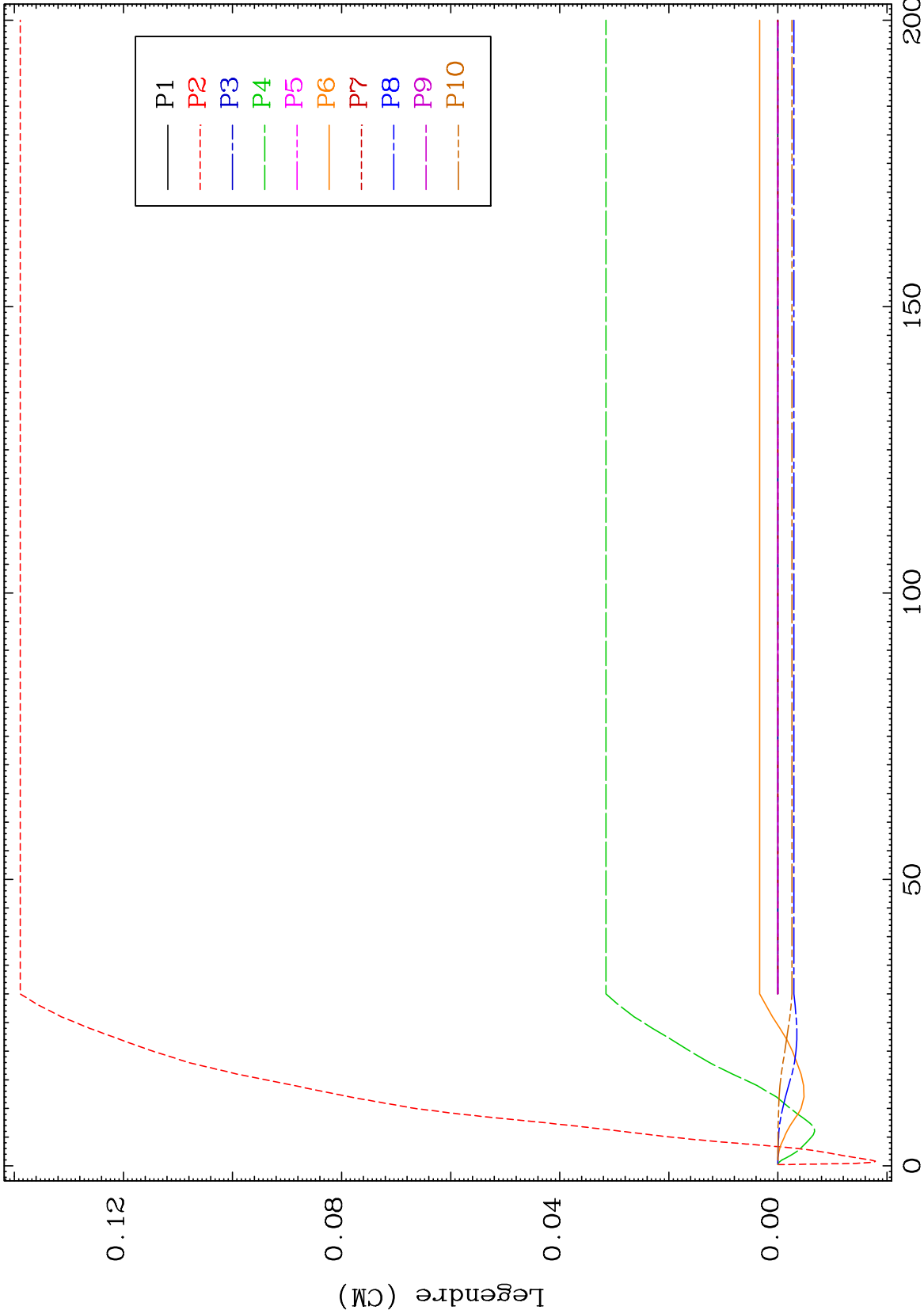
57

77-Ir-194

MAT 7734

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

77-Ir-194



58

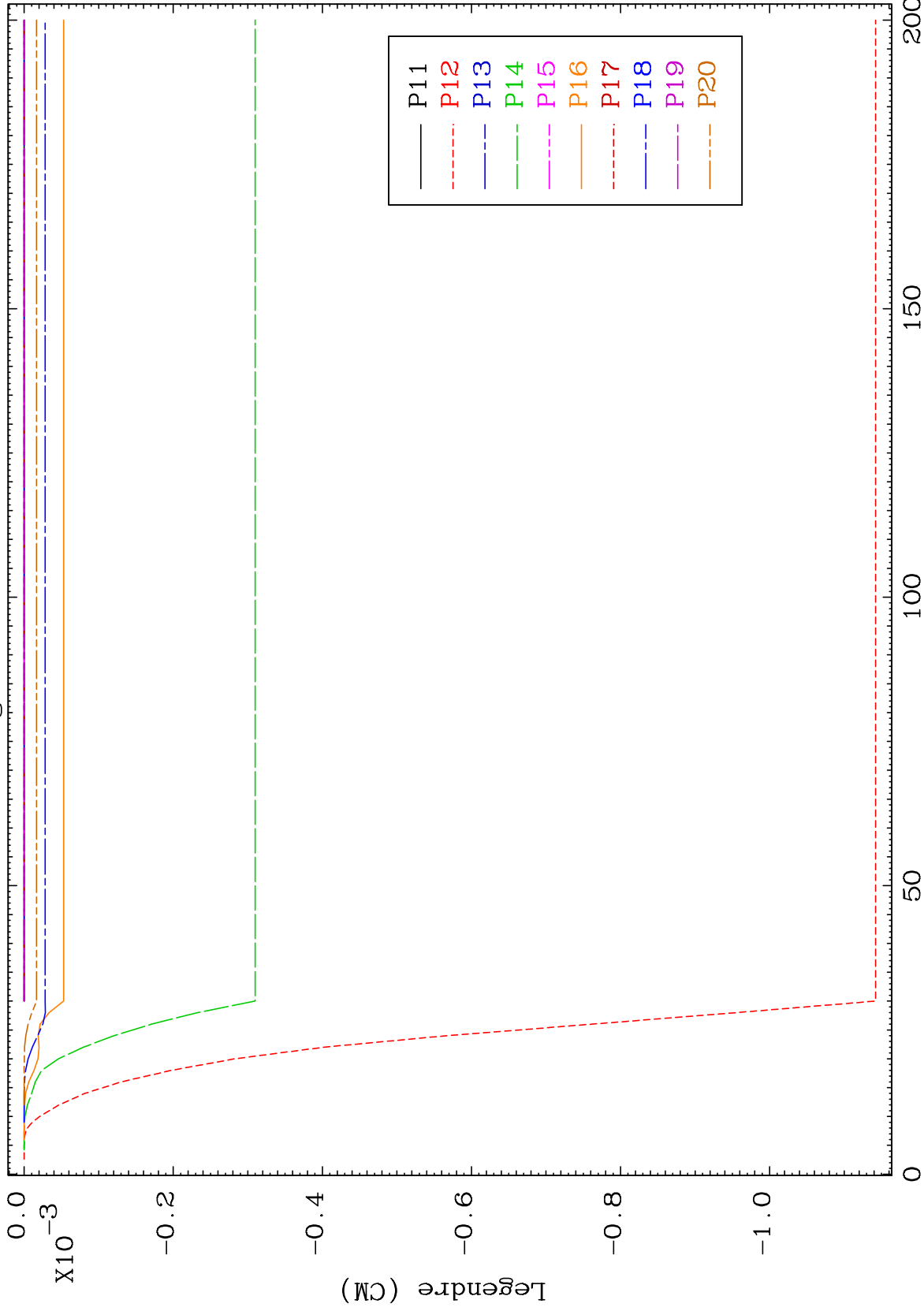
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194

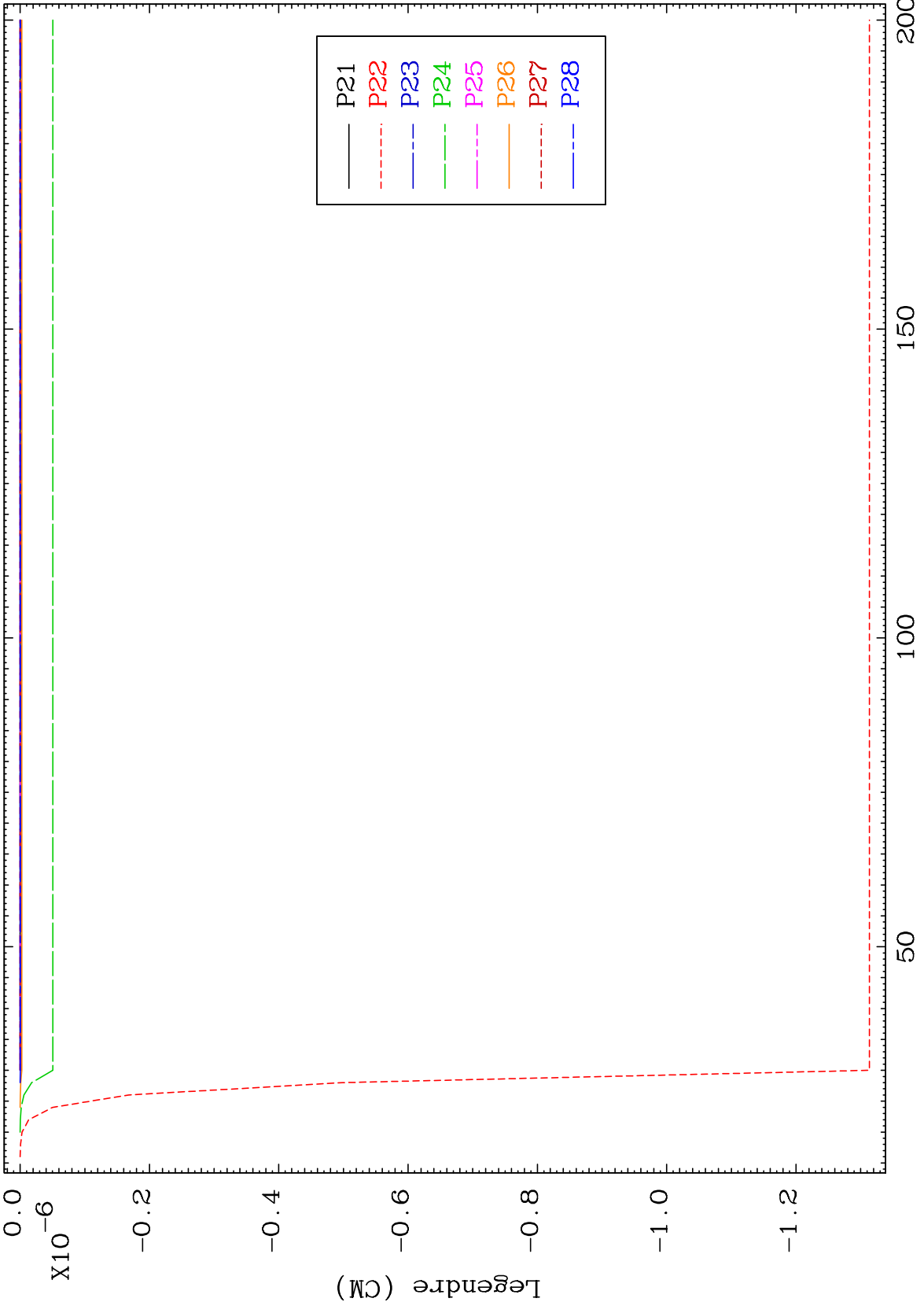


59

Incident Energy (MeV)

77-Ir-194

MAT 7734 MT= 62 (n,n') Level Legendre Coefficients 77-Ir-194

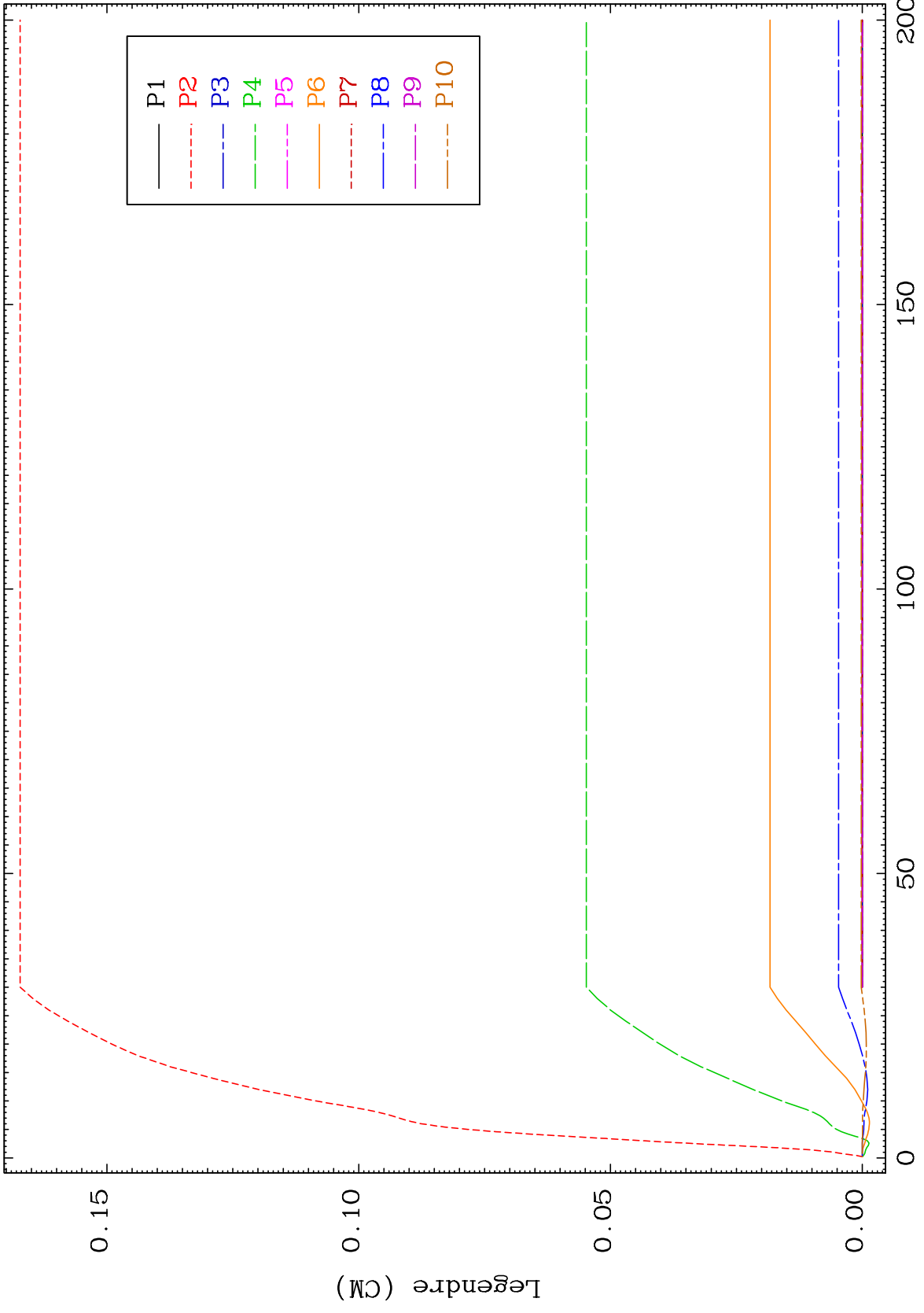


60 Incident Energy (MeV) 77-Ir-194

MAT 7734

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

77-Ir-194



61

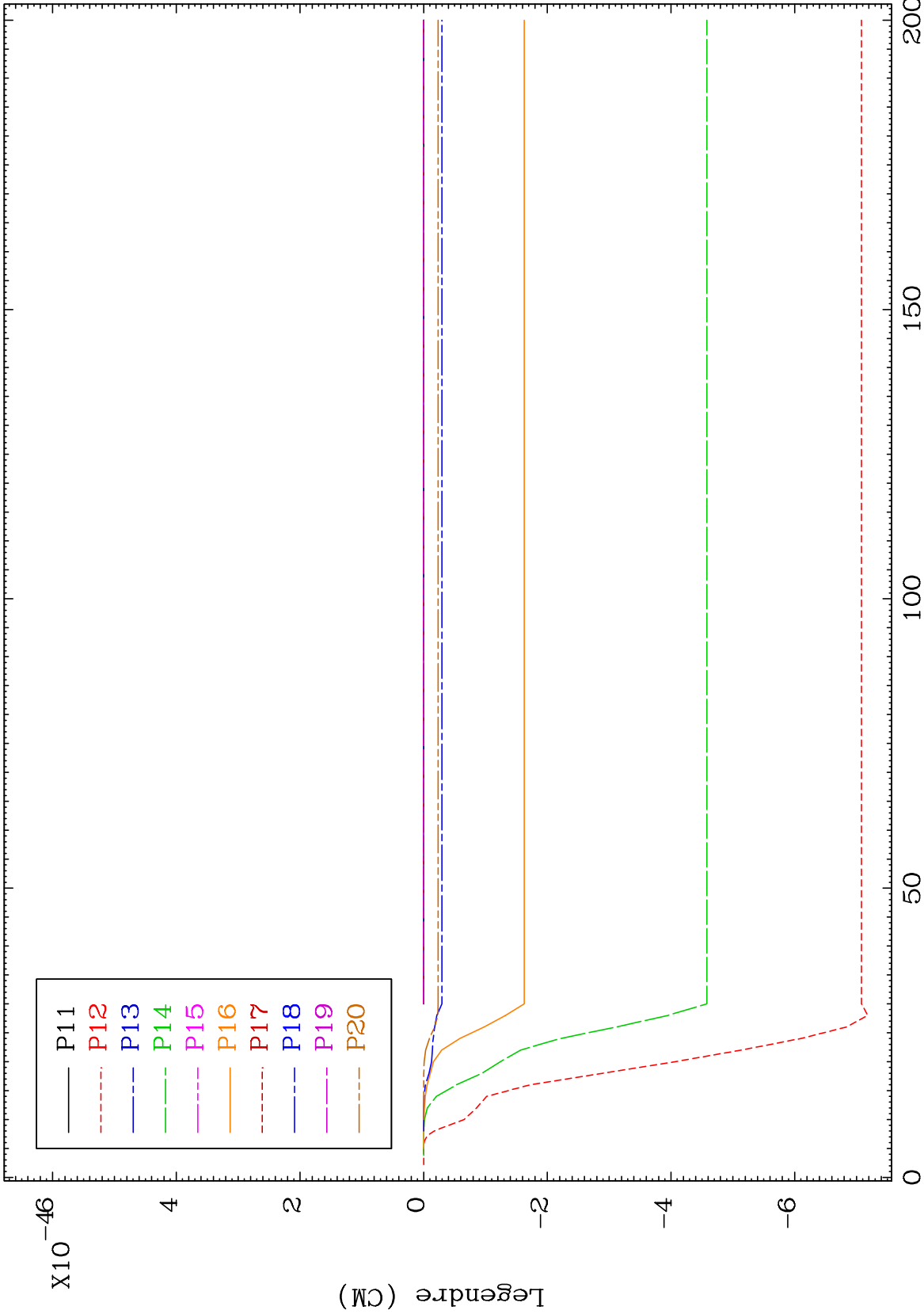
Incident Energy (MeV)

77-Ir-194

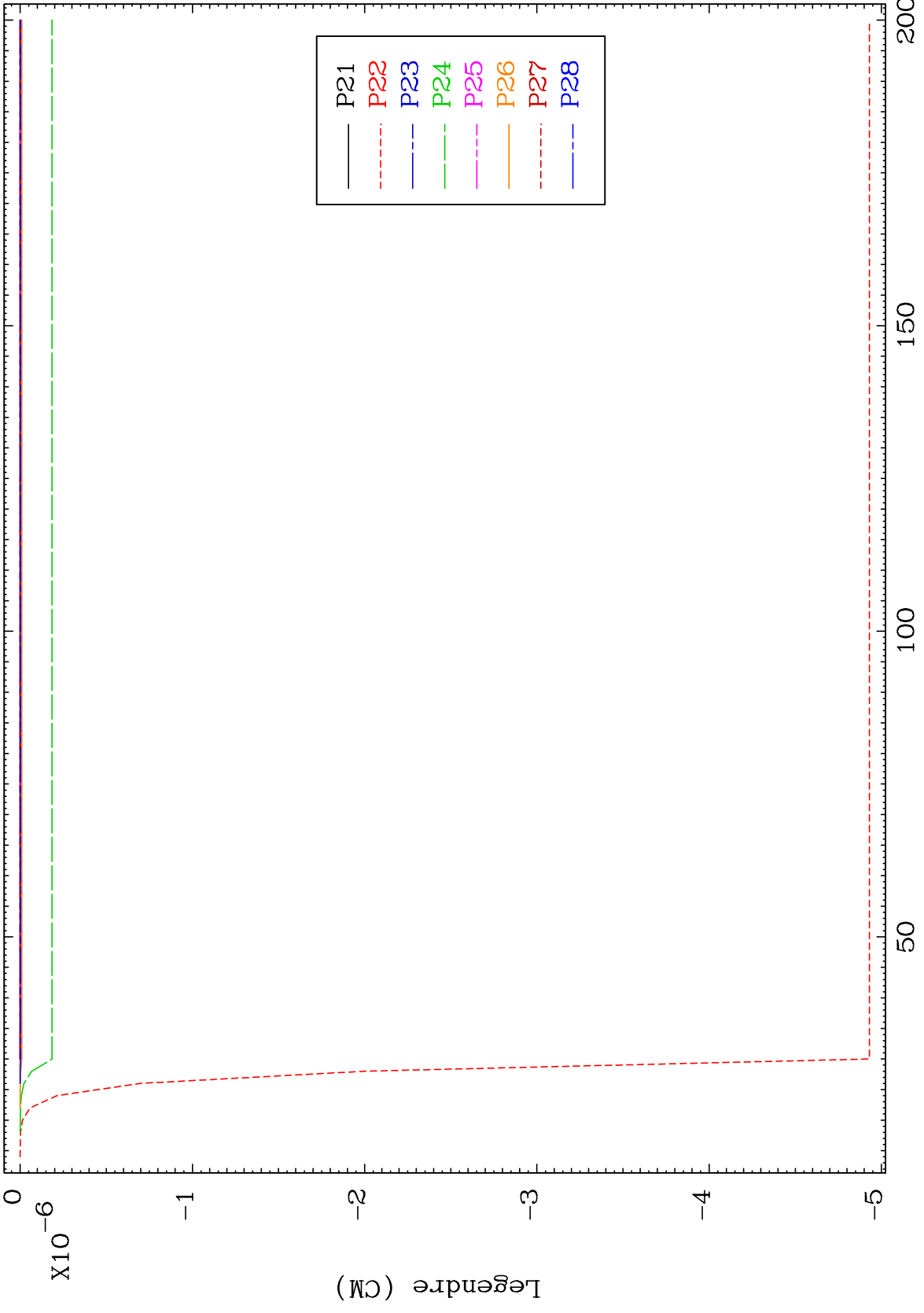
MAT 7734

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

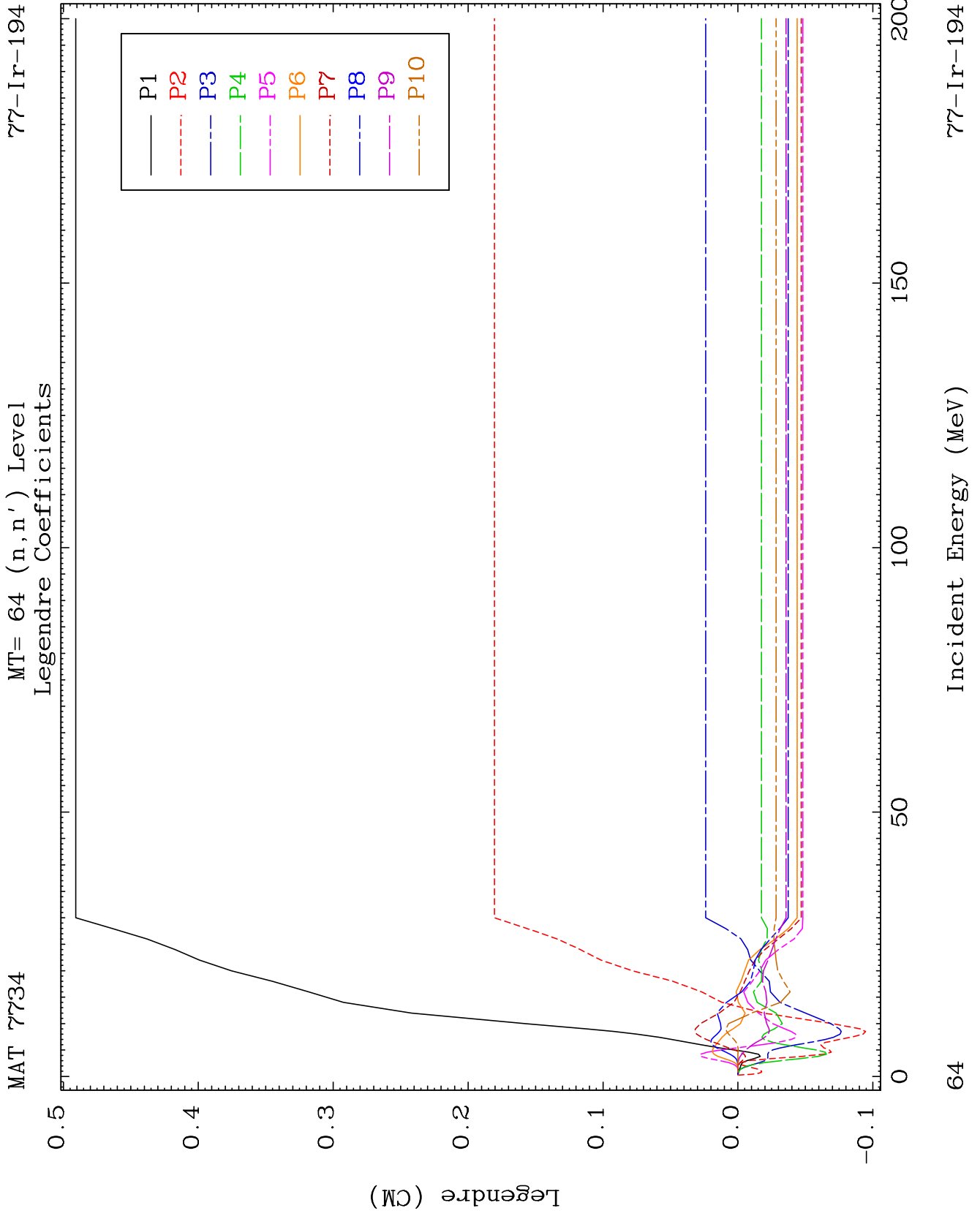
77-Ir-194



MAT 7734 MT= 63 (n,n') Level Legendre Coefficients 77-Ir-194



63 77-Ir-194



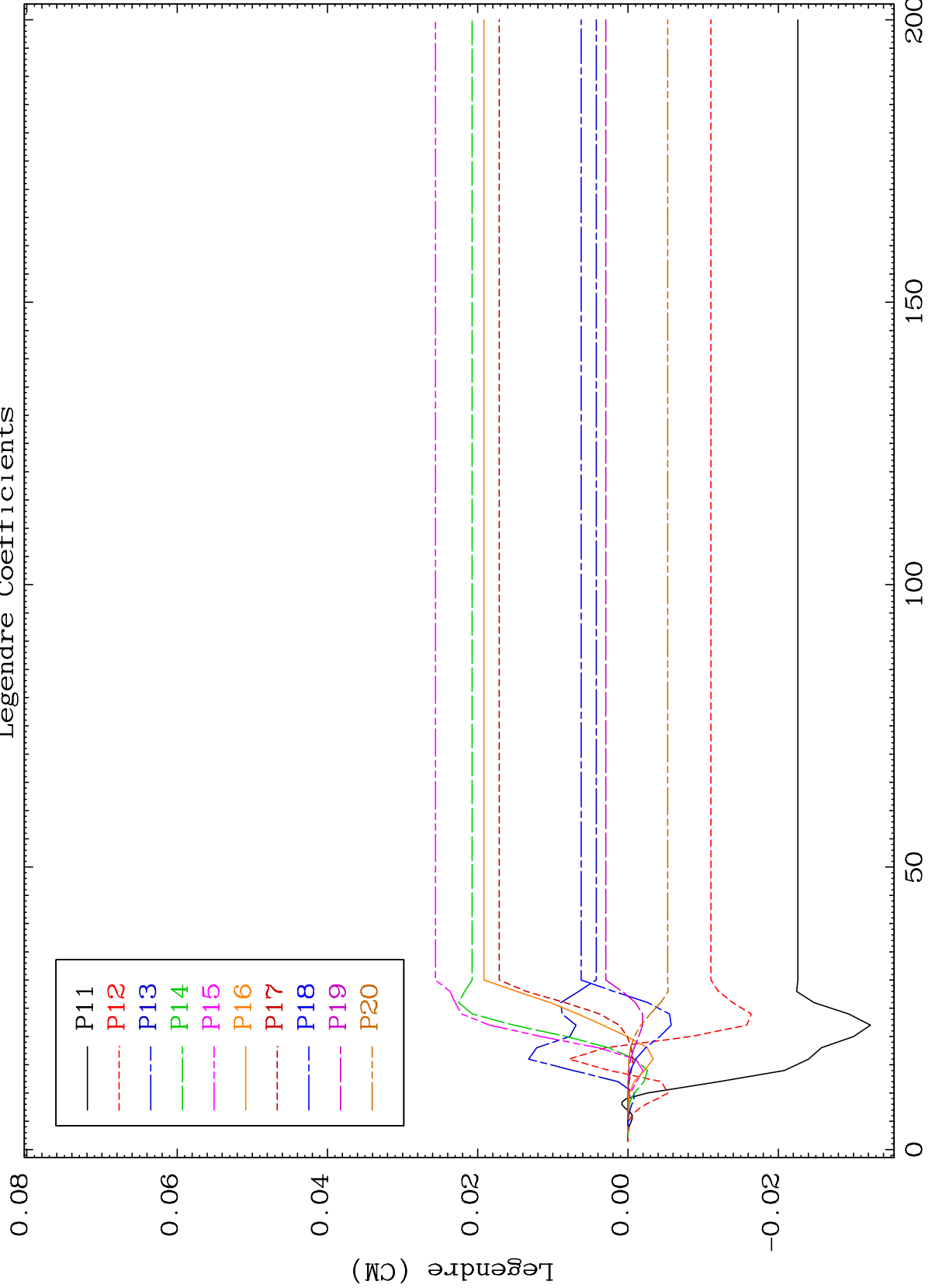
MAT 7734 MT= 64 (n,n') Level Legendre Coefficients

77-Ir-194

77-Ir-194

Incident Energy (MeV)

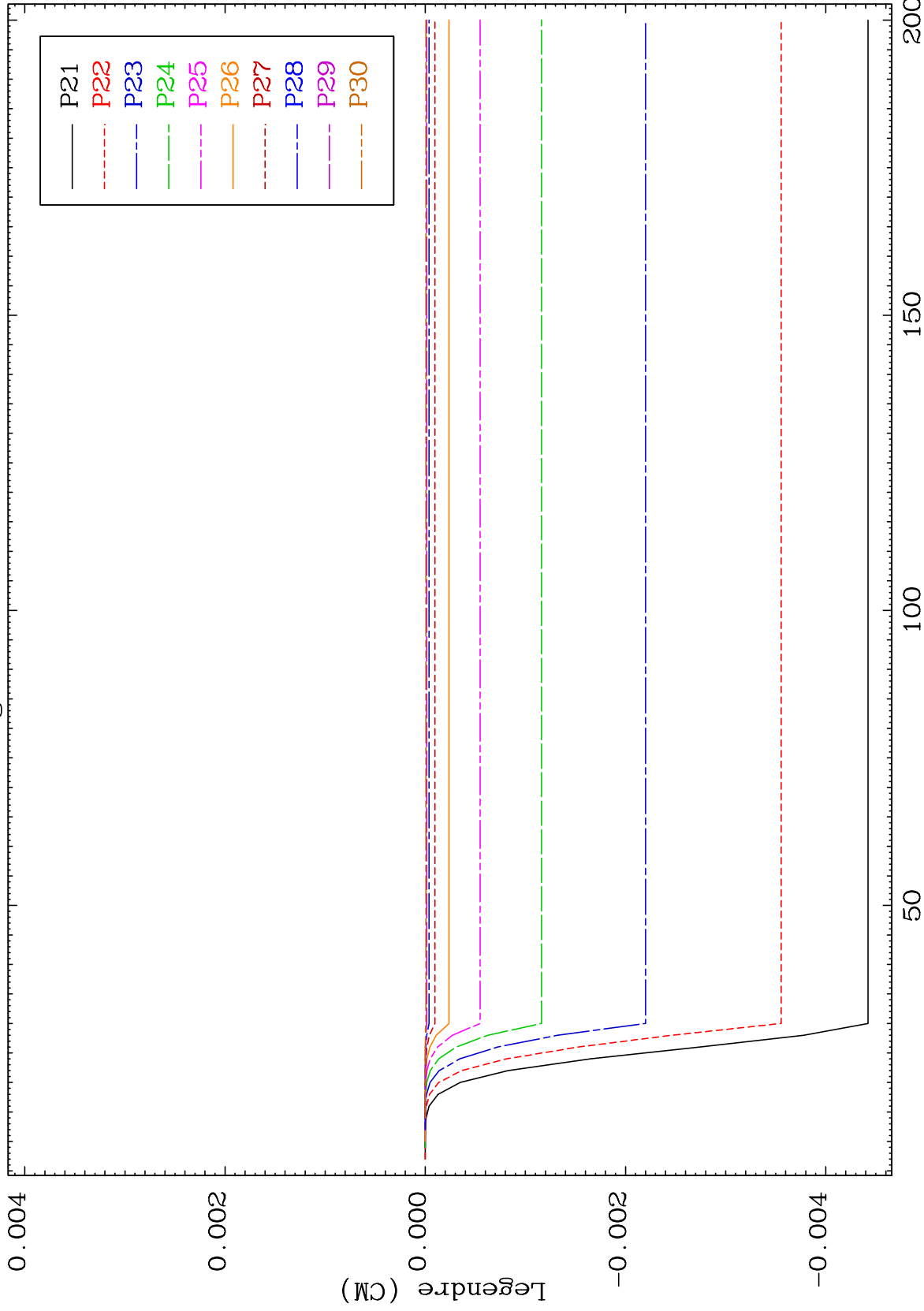
65



MAT 7734

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

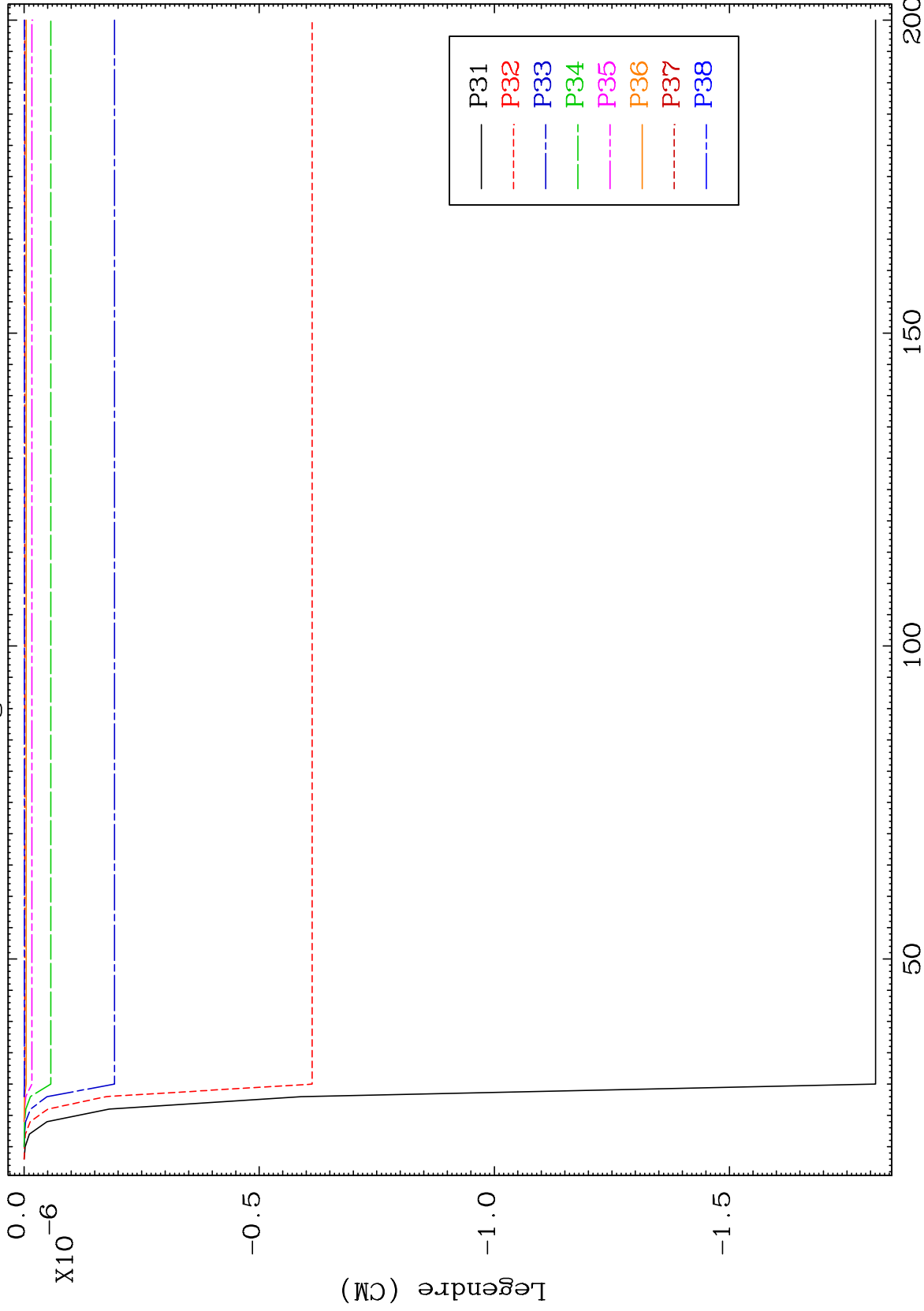
77-Ir-194



MAT 7734

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

77-Ir-194

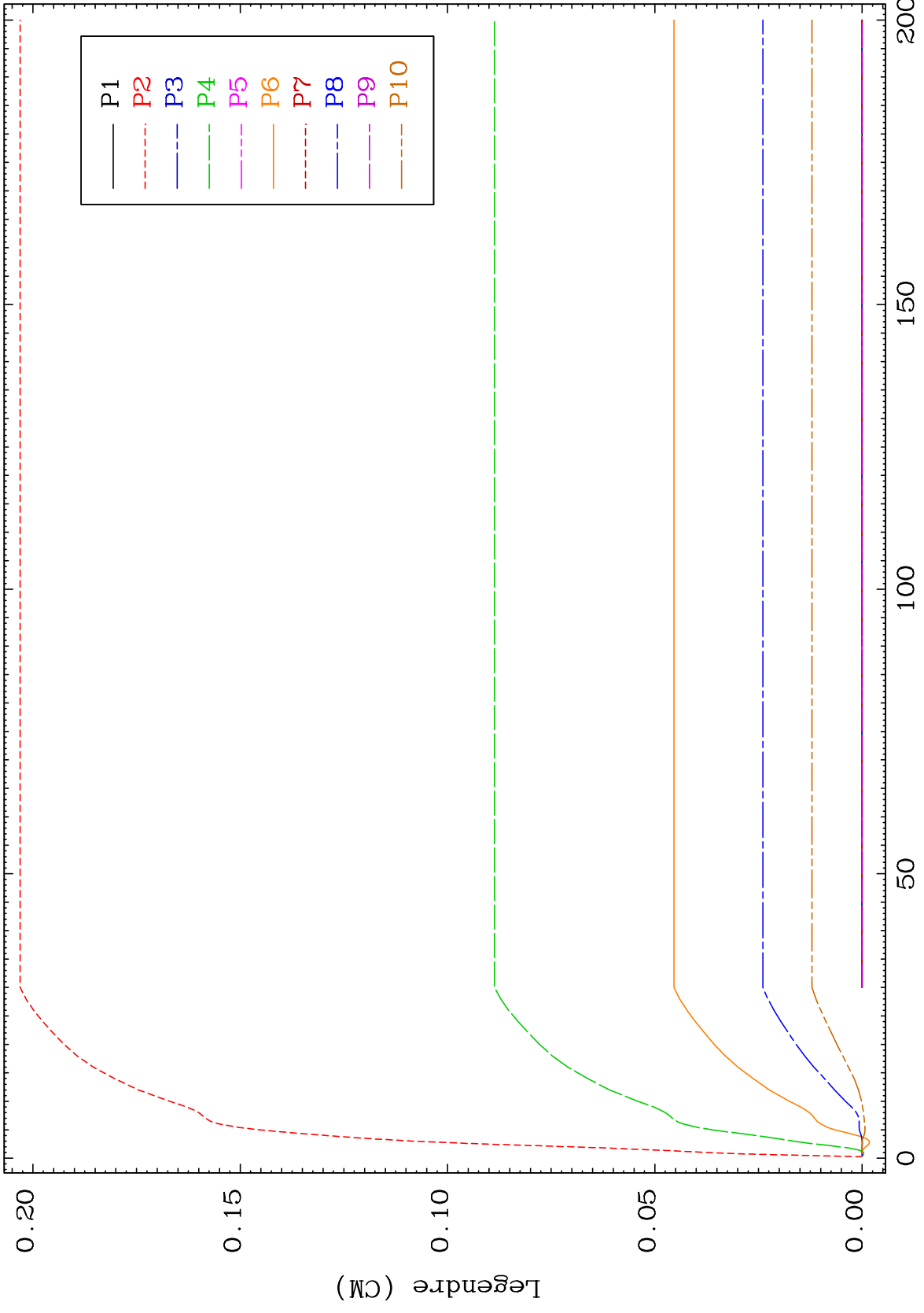


77-Ir-194

Incident Energy (MeV)

67

MAT 7734 MT= 65 (n,n') Level Legendre Coefficients 77-Ir-194

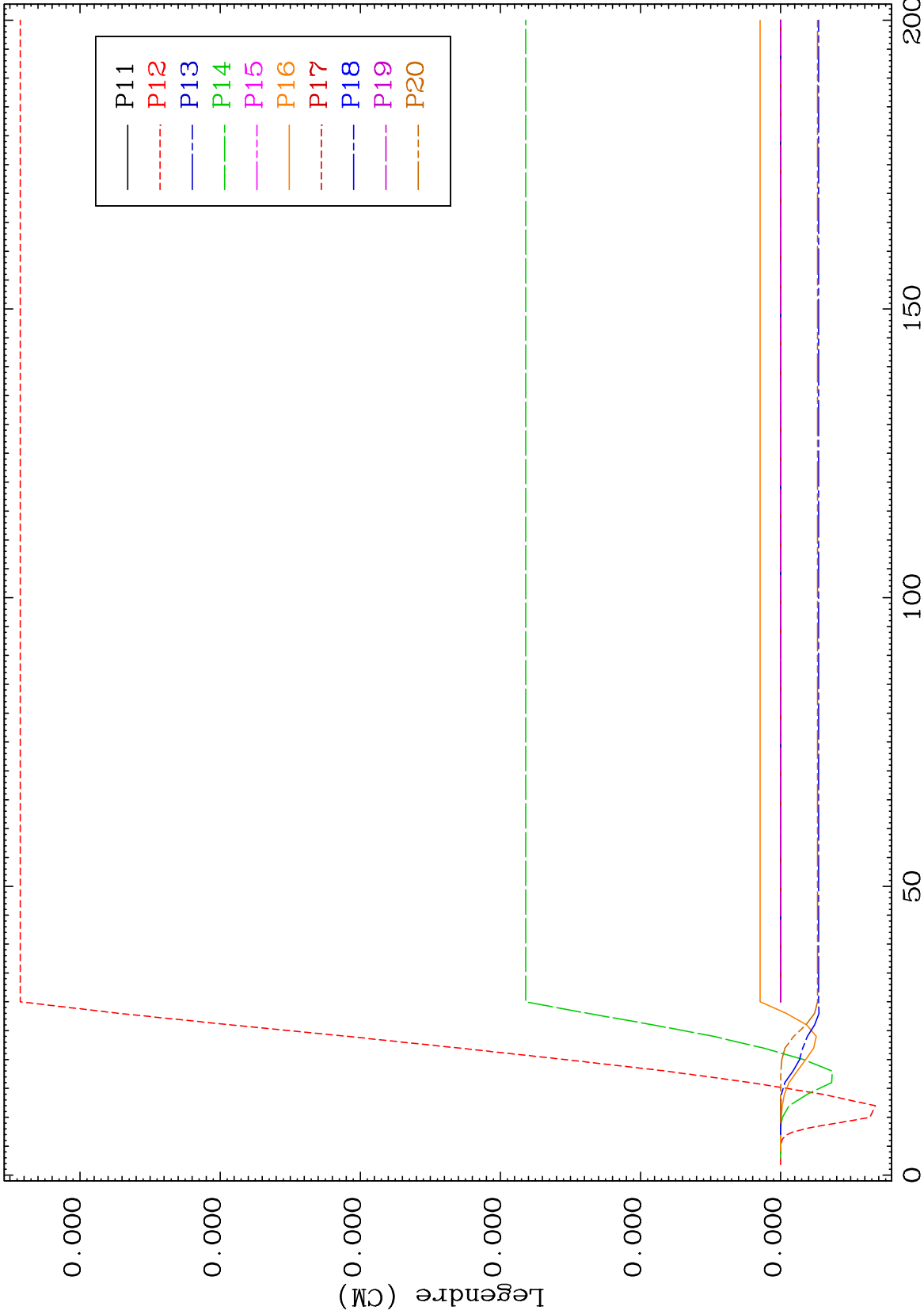


68 77-Ir-194

MAT 7734

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

77-Ir-194



69

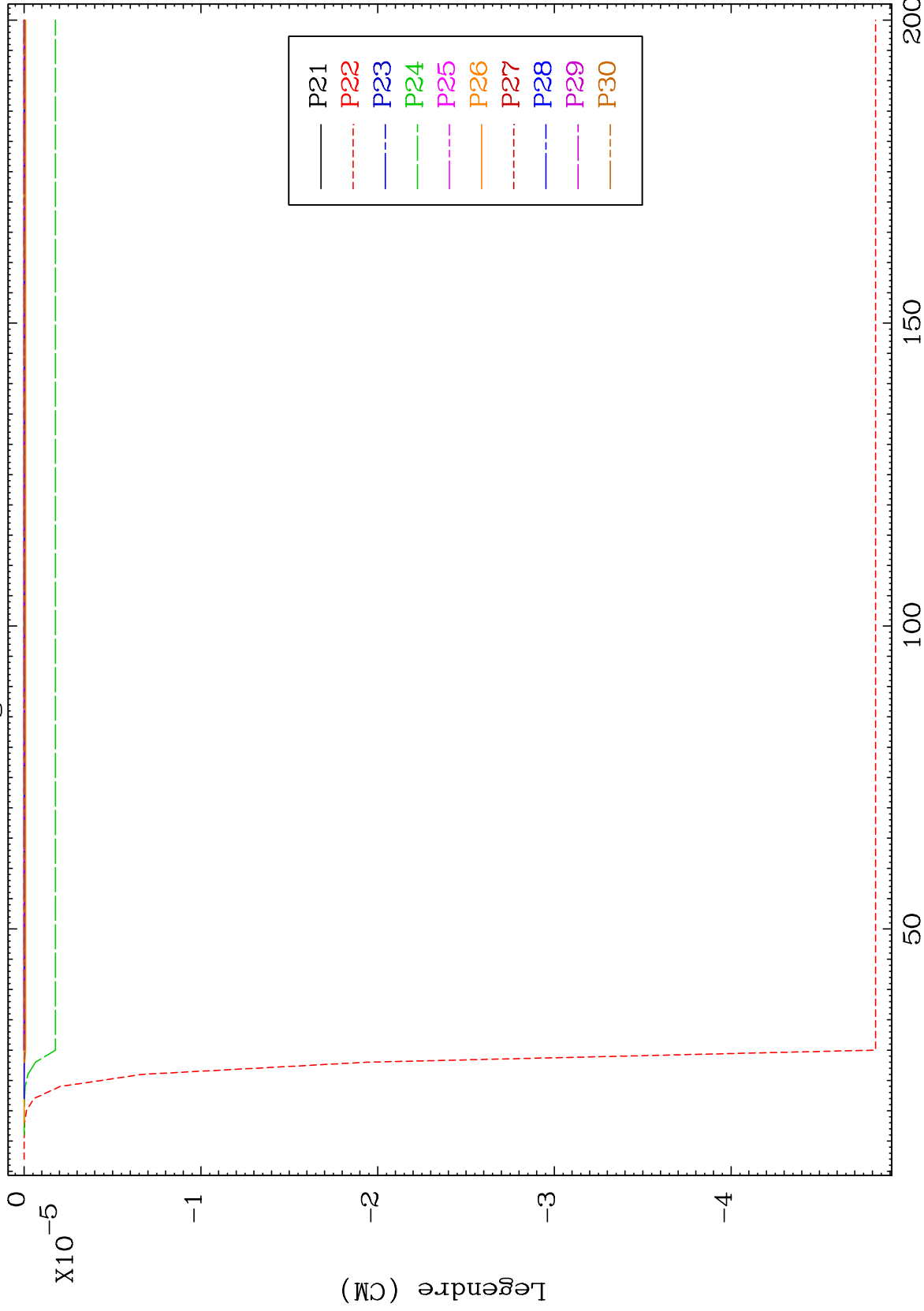
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194

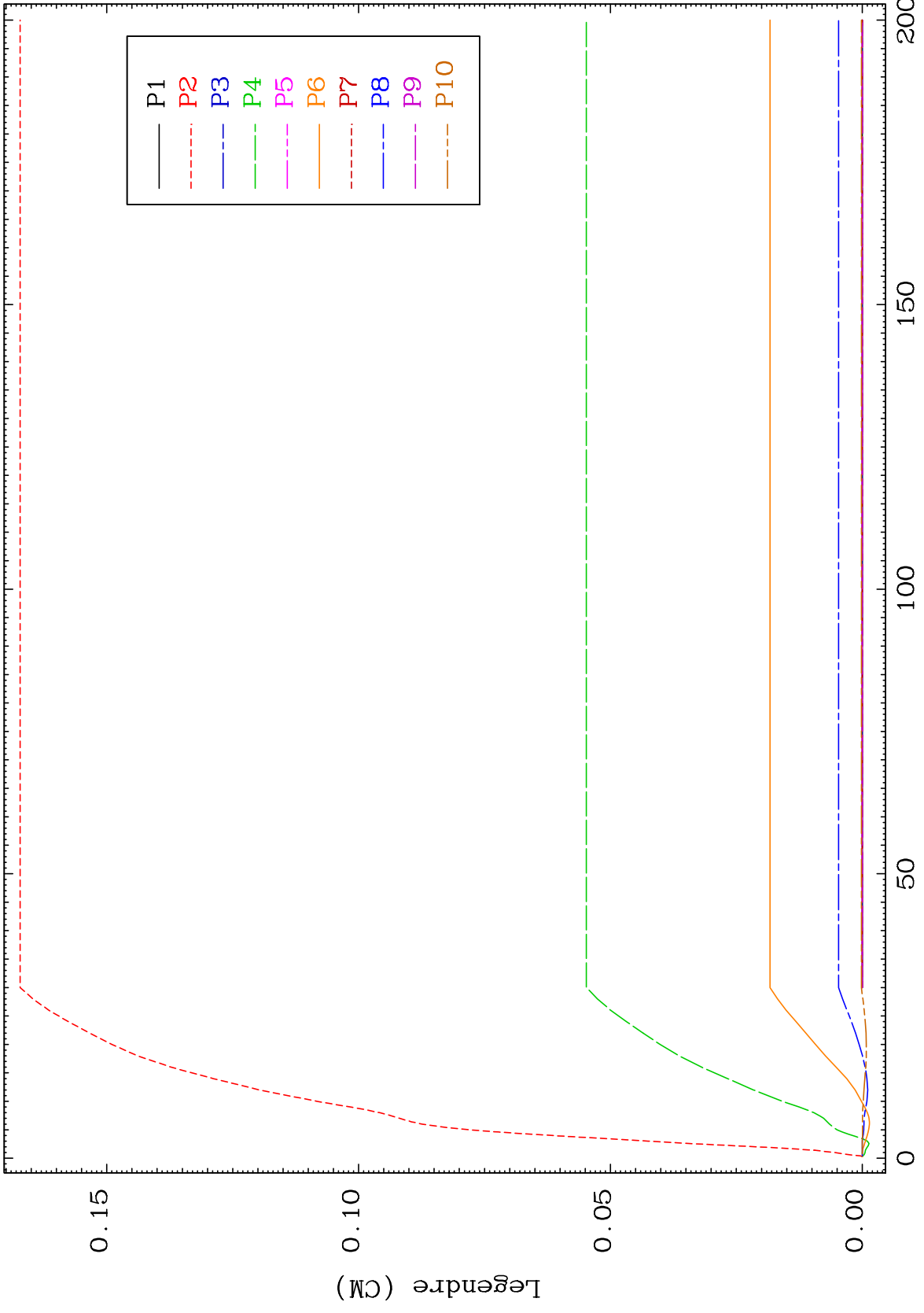


70

Incident Energy (MeV)

77-Ir-194

MAT 7734 MT= 66 (n,n') Level Legendre Coefficients 77-Ir-194

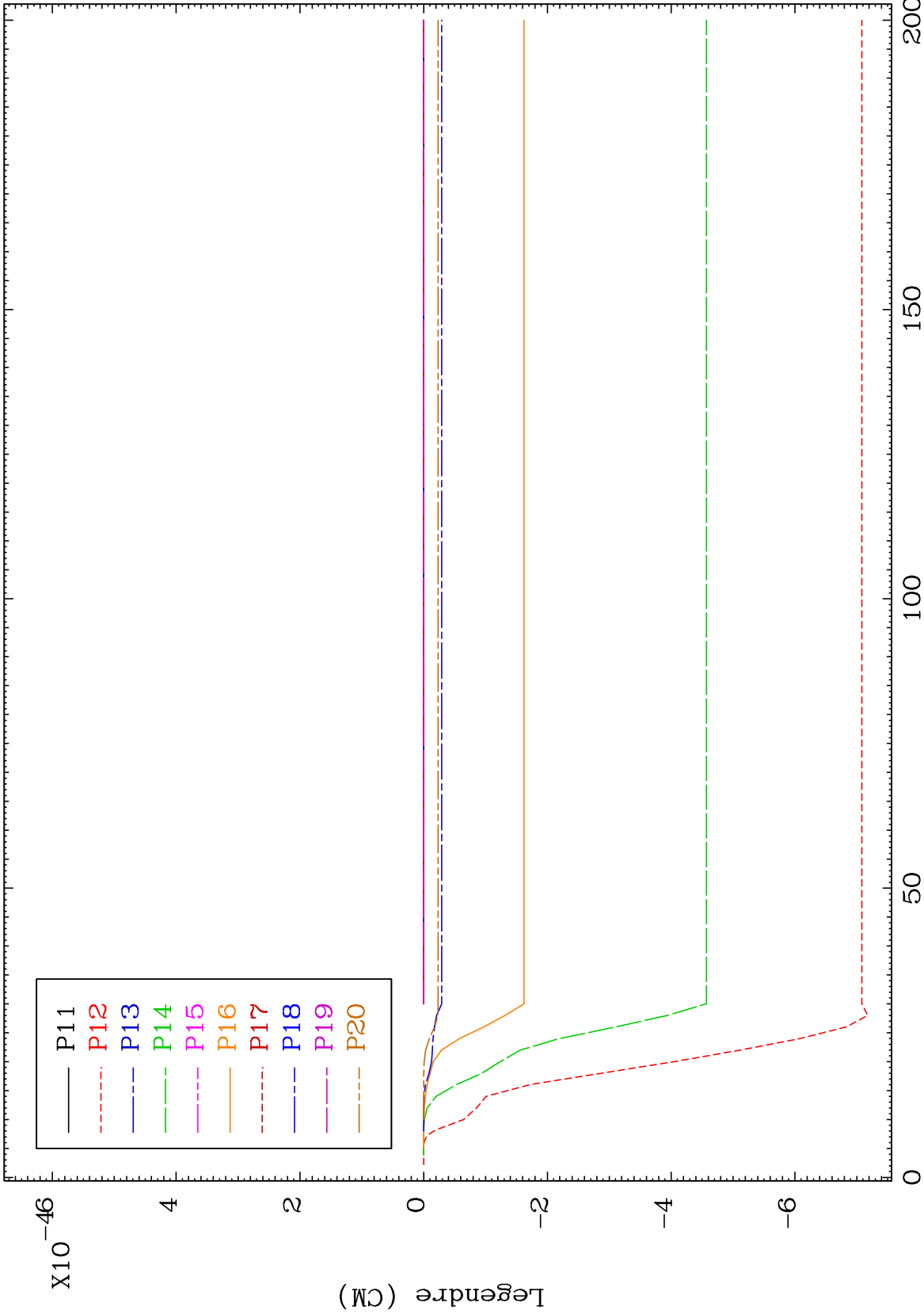


77-Ir-194

MAT 7734

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

77-Ir-194

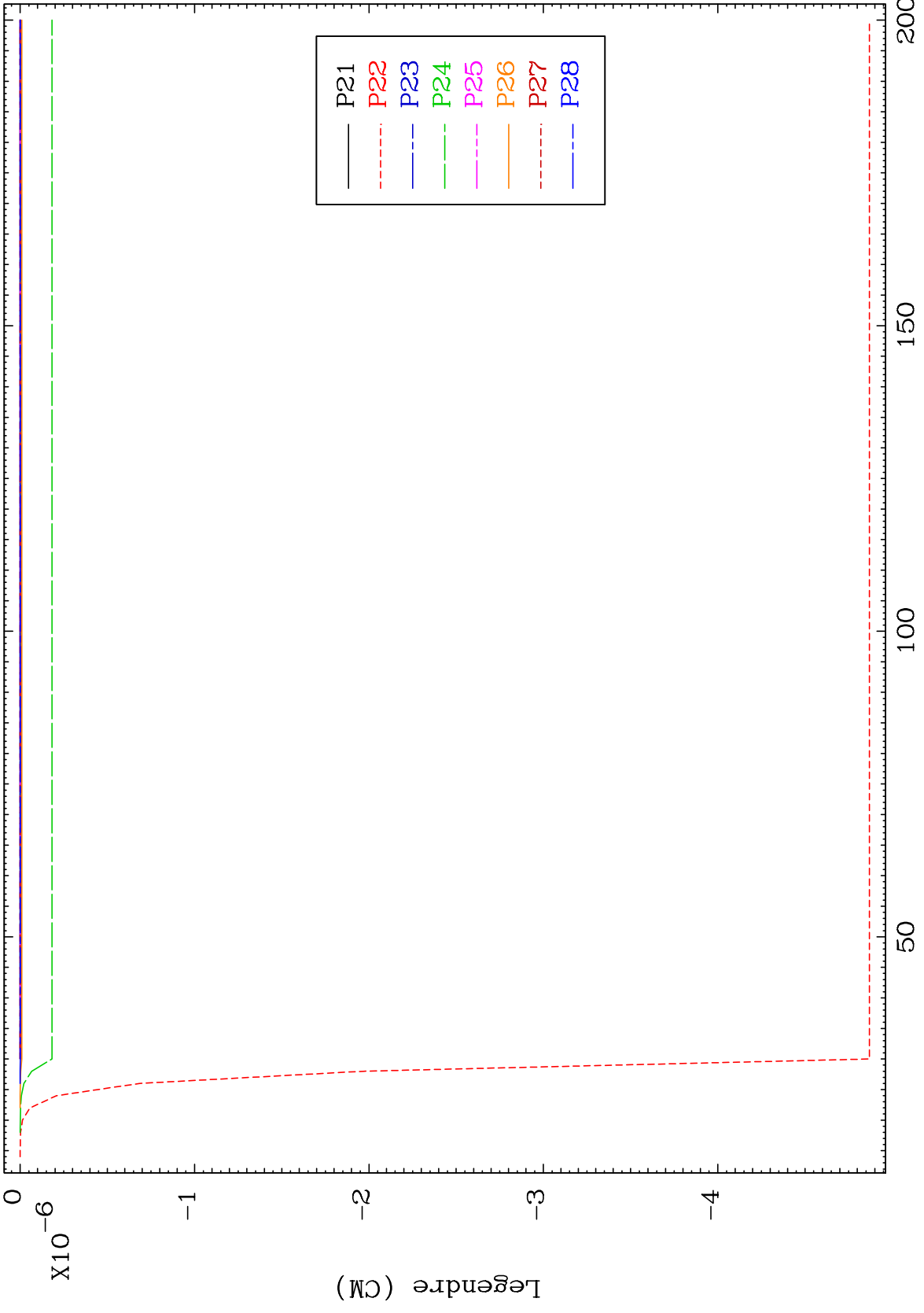


72

Incident Energy (MeV)

77-Ir-194

MAT 7734 MT= 66 (n,n') Level Legendre Coefficients 77-Ir-194

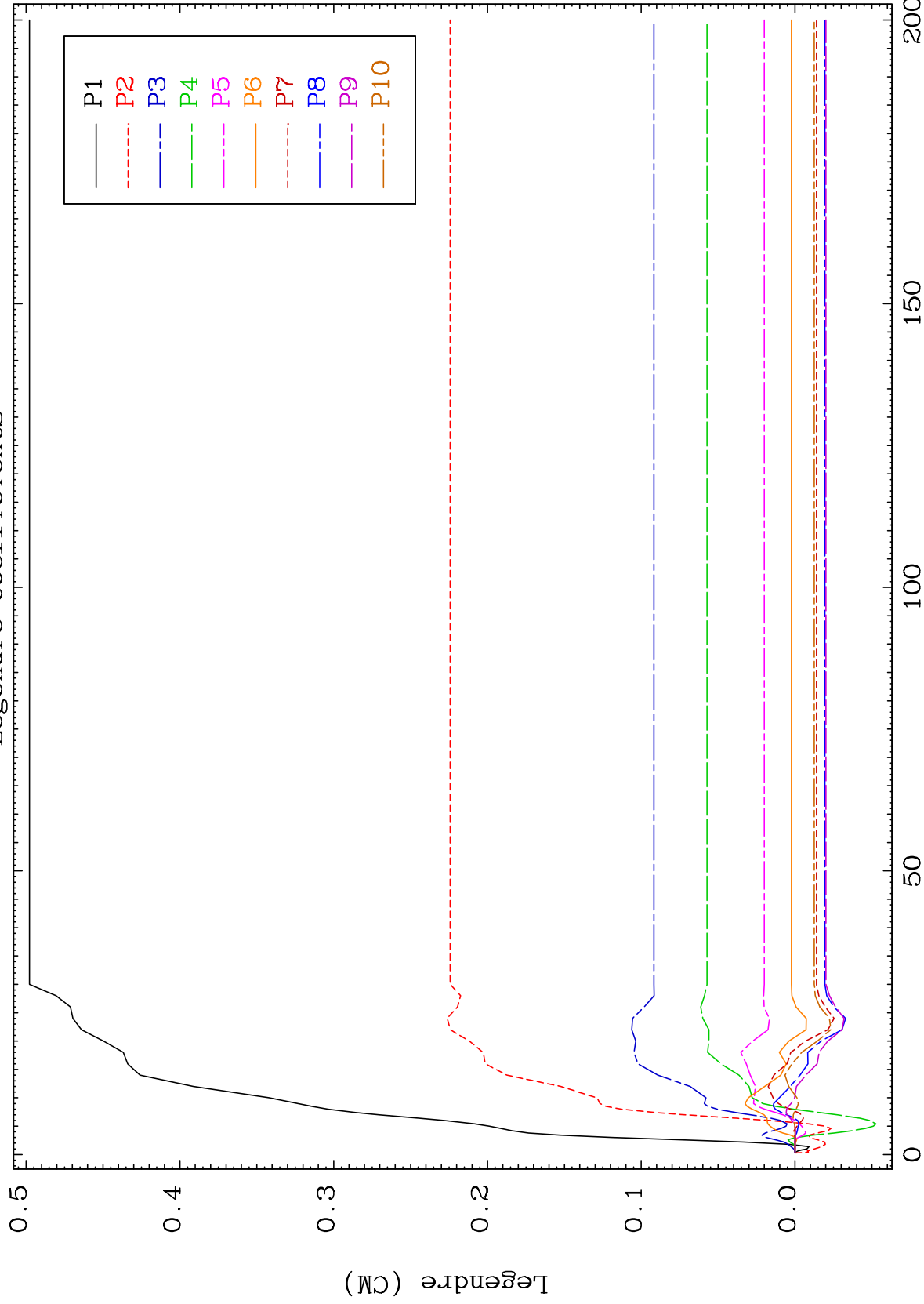


73 77-Ir-194

MAT 7734

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

77-Ir-194



74

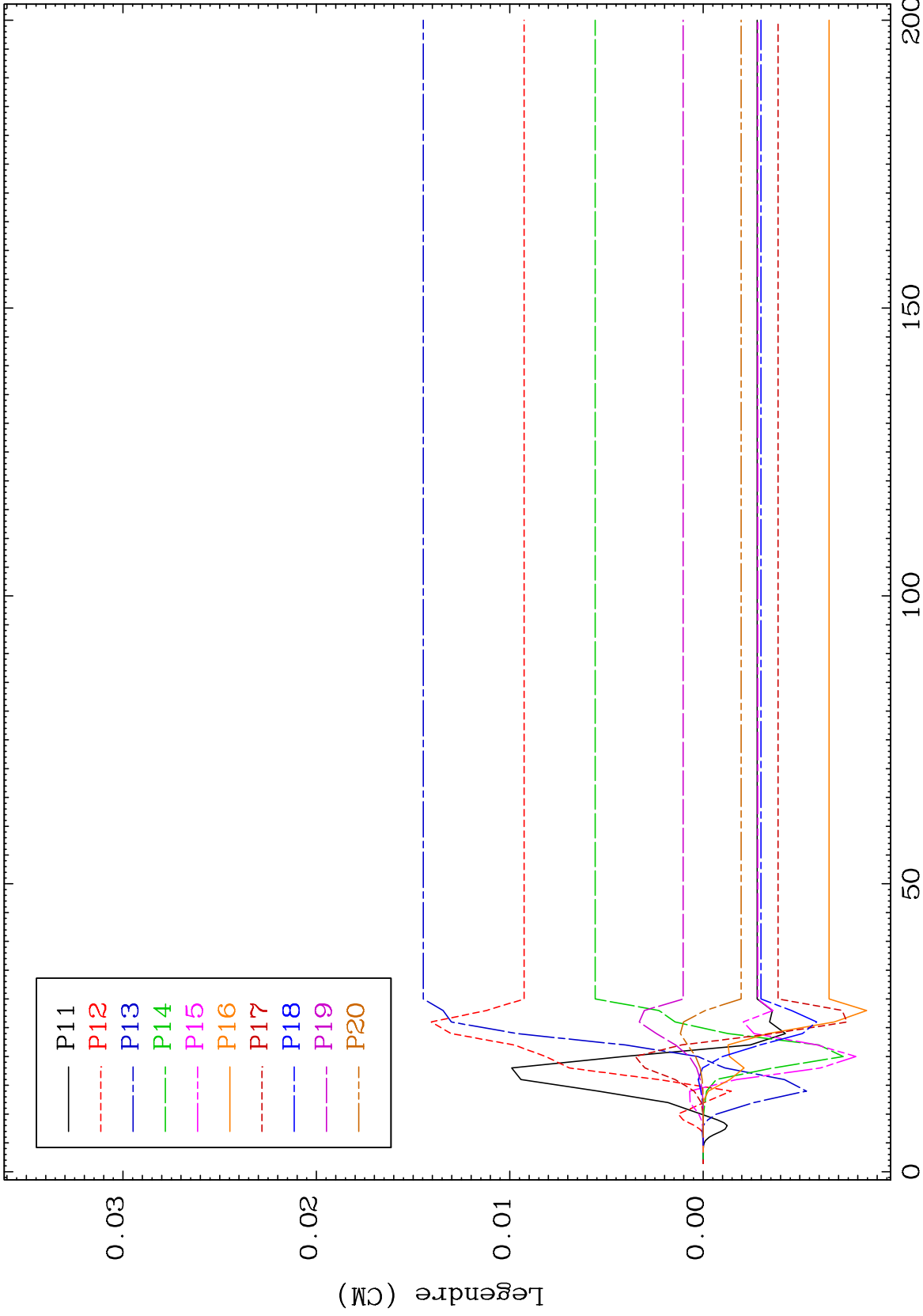
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



75

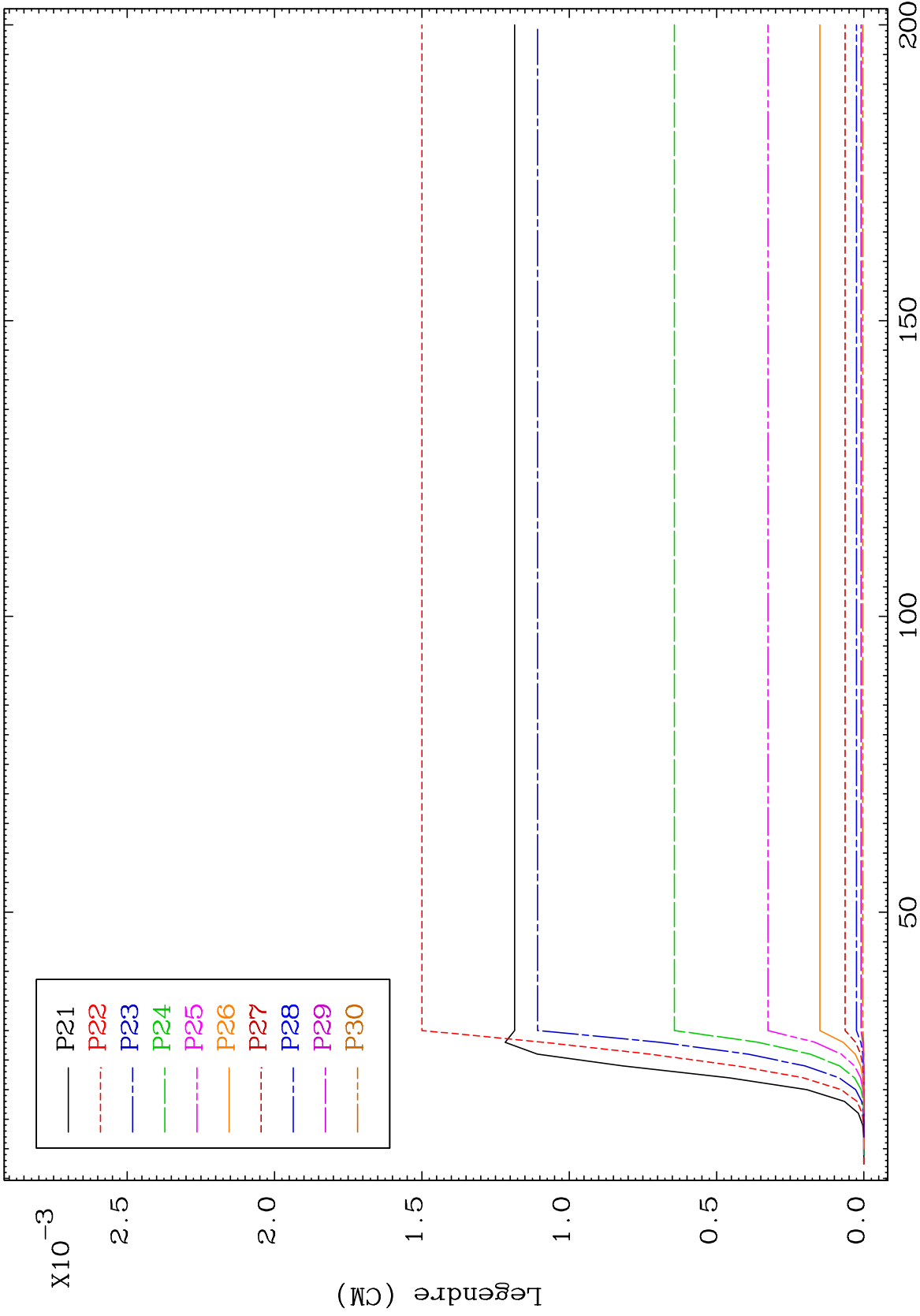
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



76

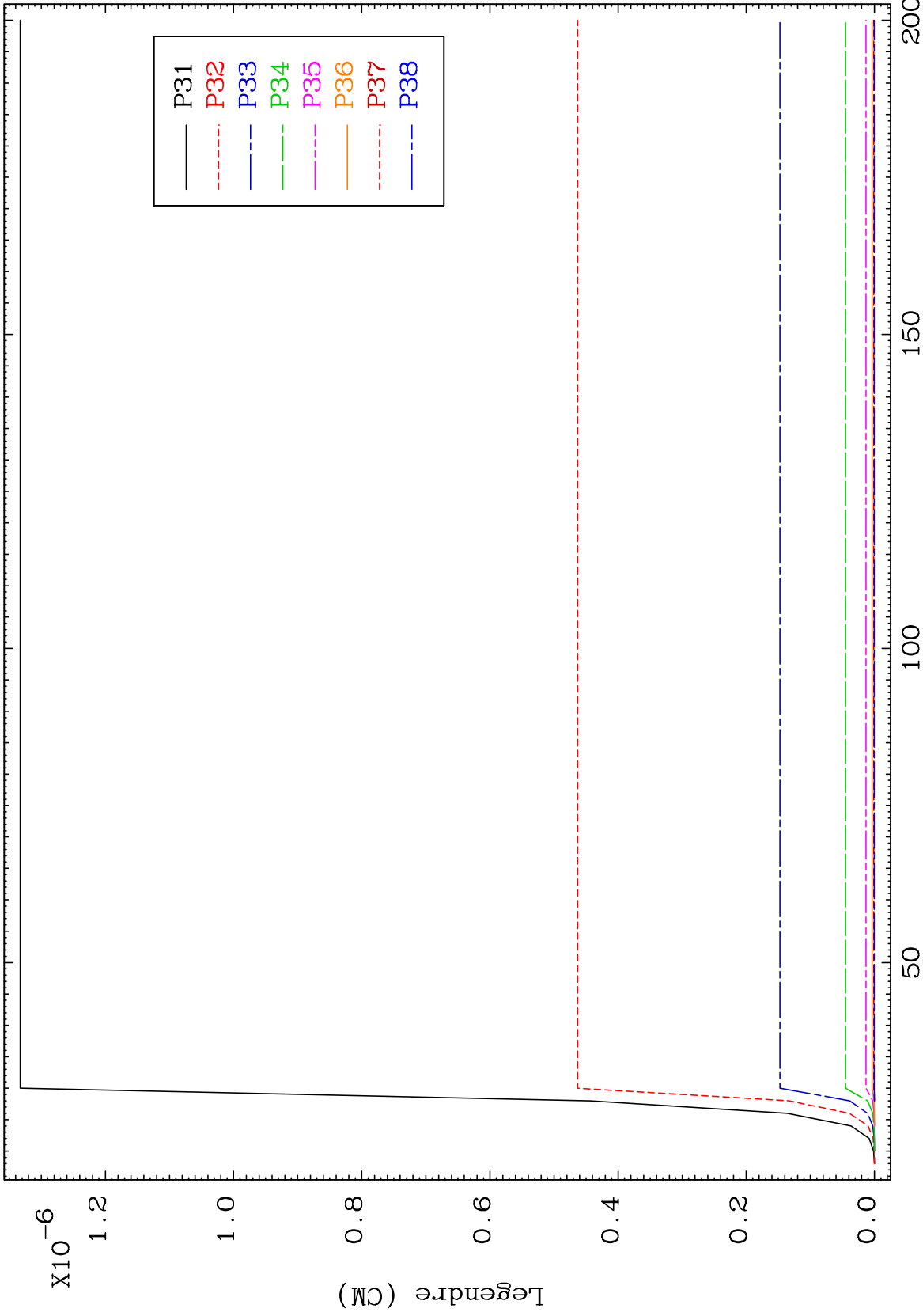
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

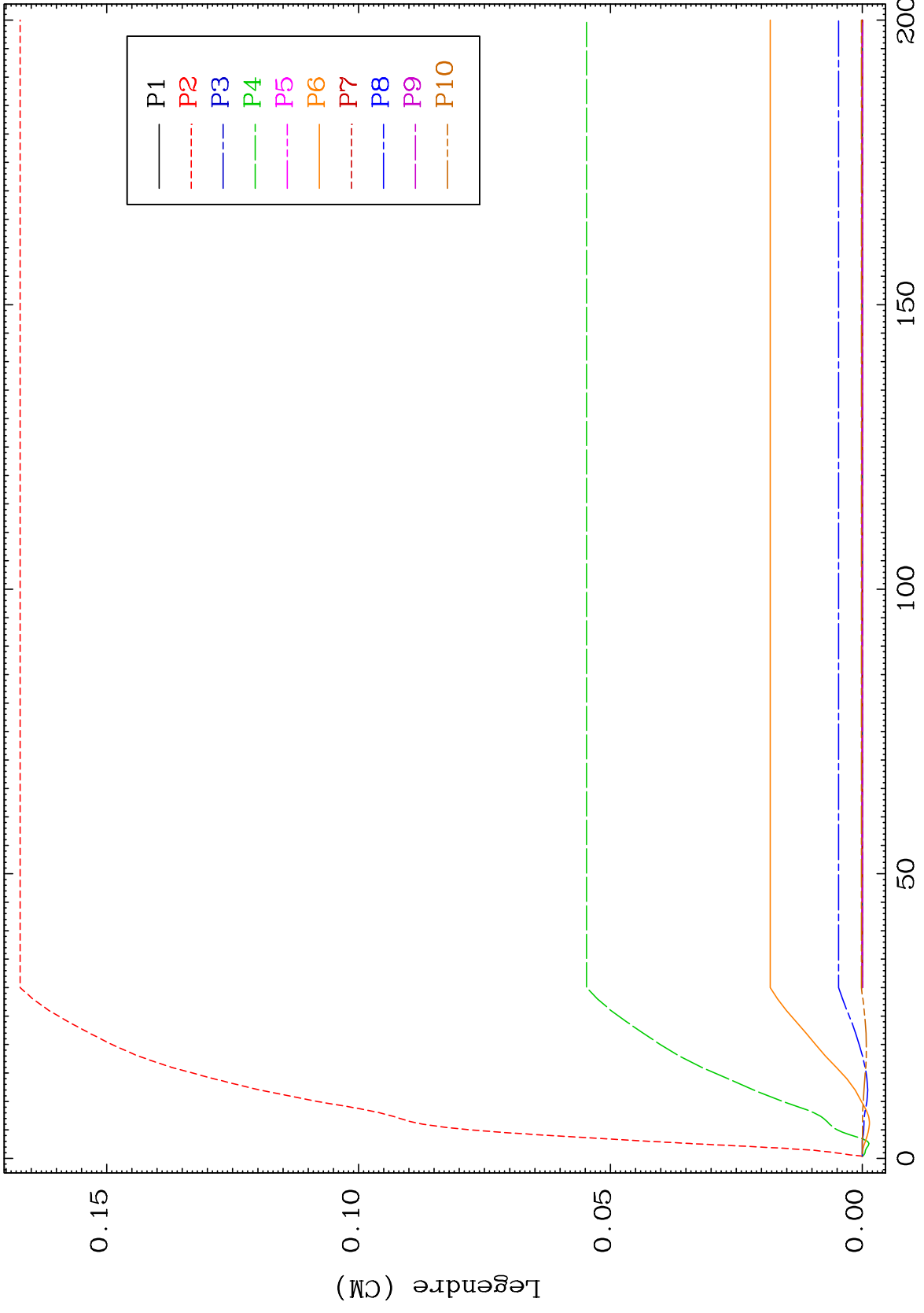
77-Ir-194



77

77-Ir-194

MAT 7734 MT= 68 (n,n') Level Legendre Coefficients 77-Ir-194

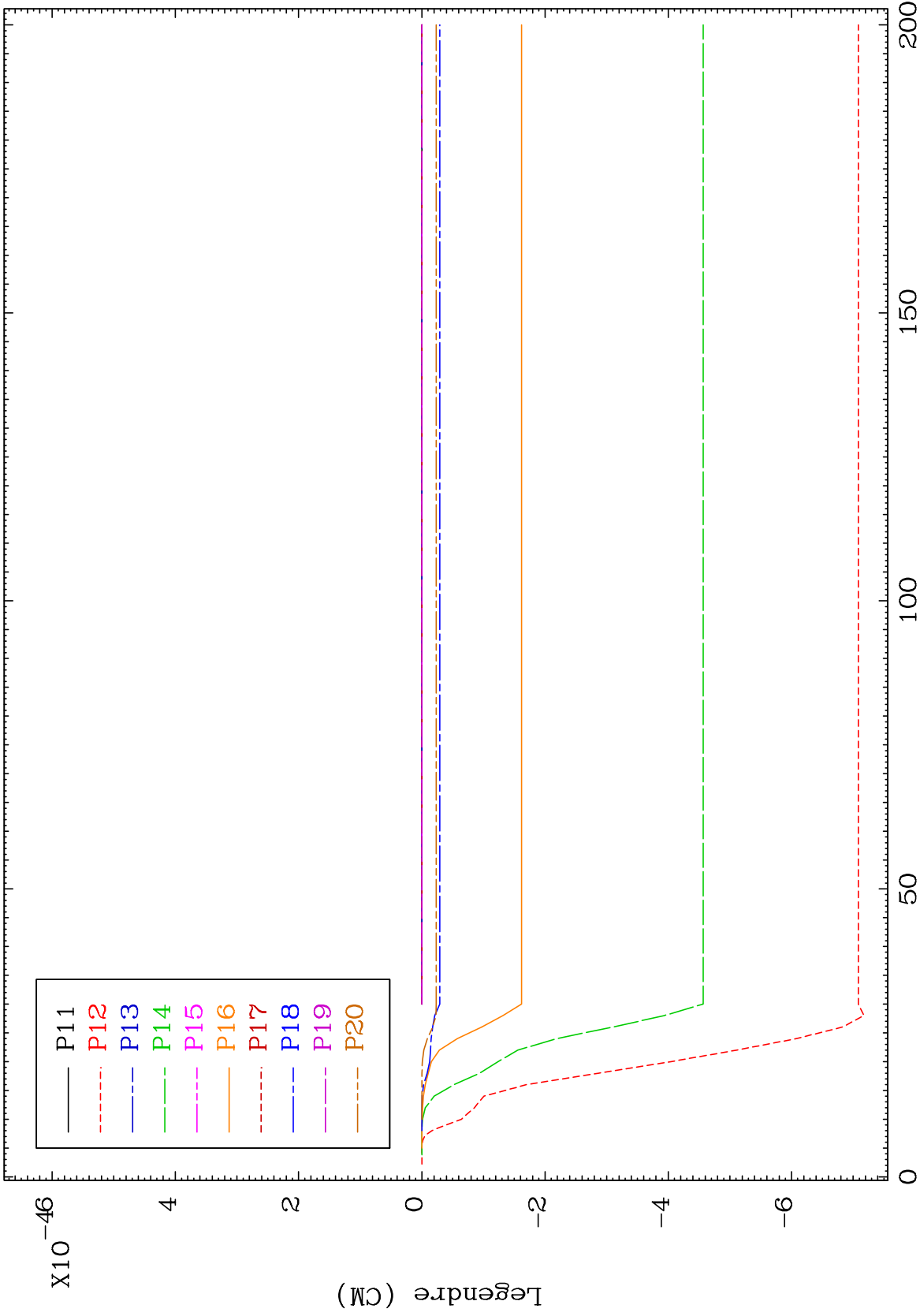


78 77-Ir-194

MAT 7734

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

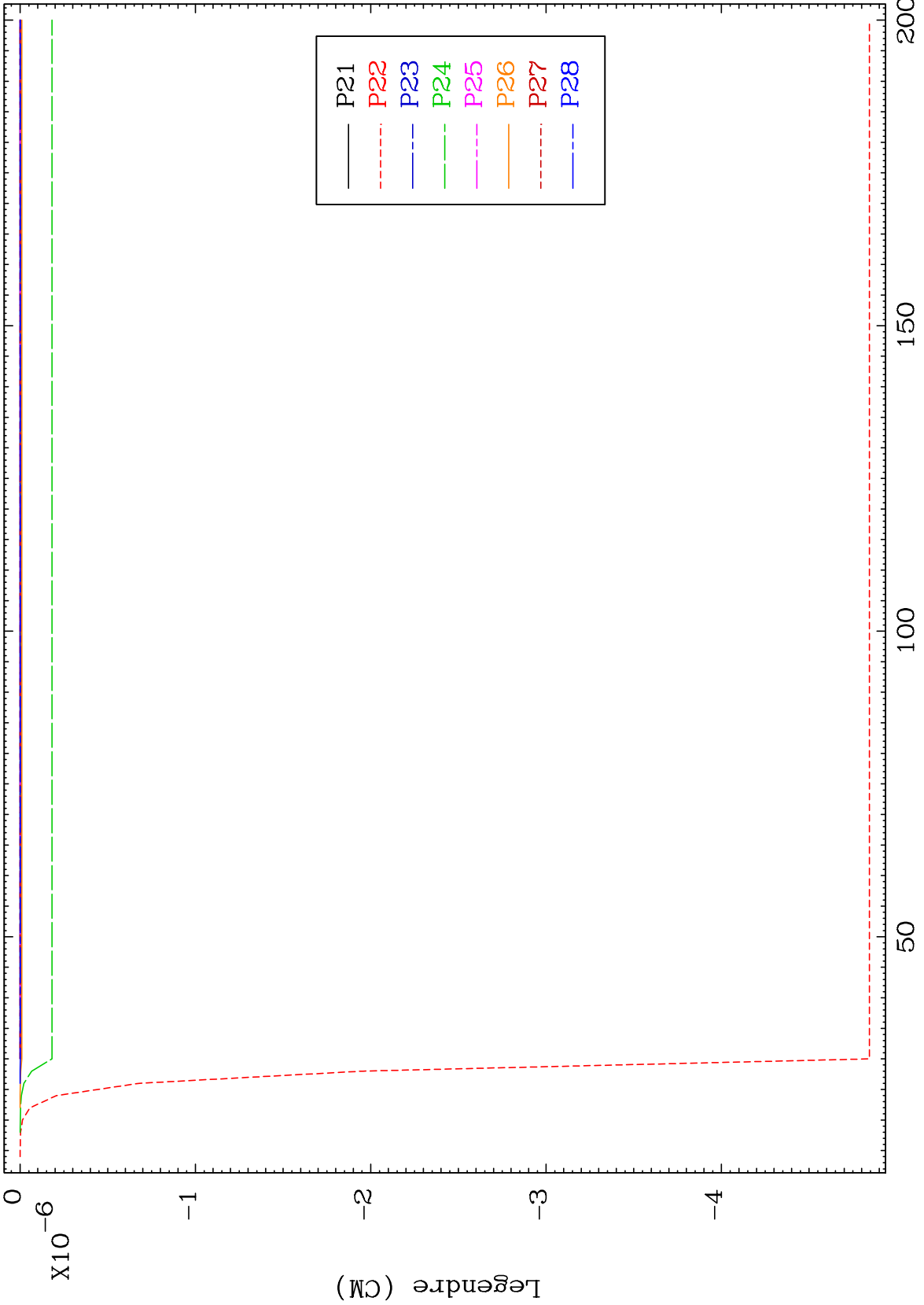
77-Ir-194



79

77-Ir-194

MAT 7734 MT= 68 (n,n') Level Legendre Coefficients 77-Ir-194

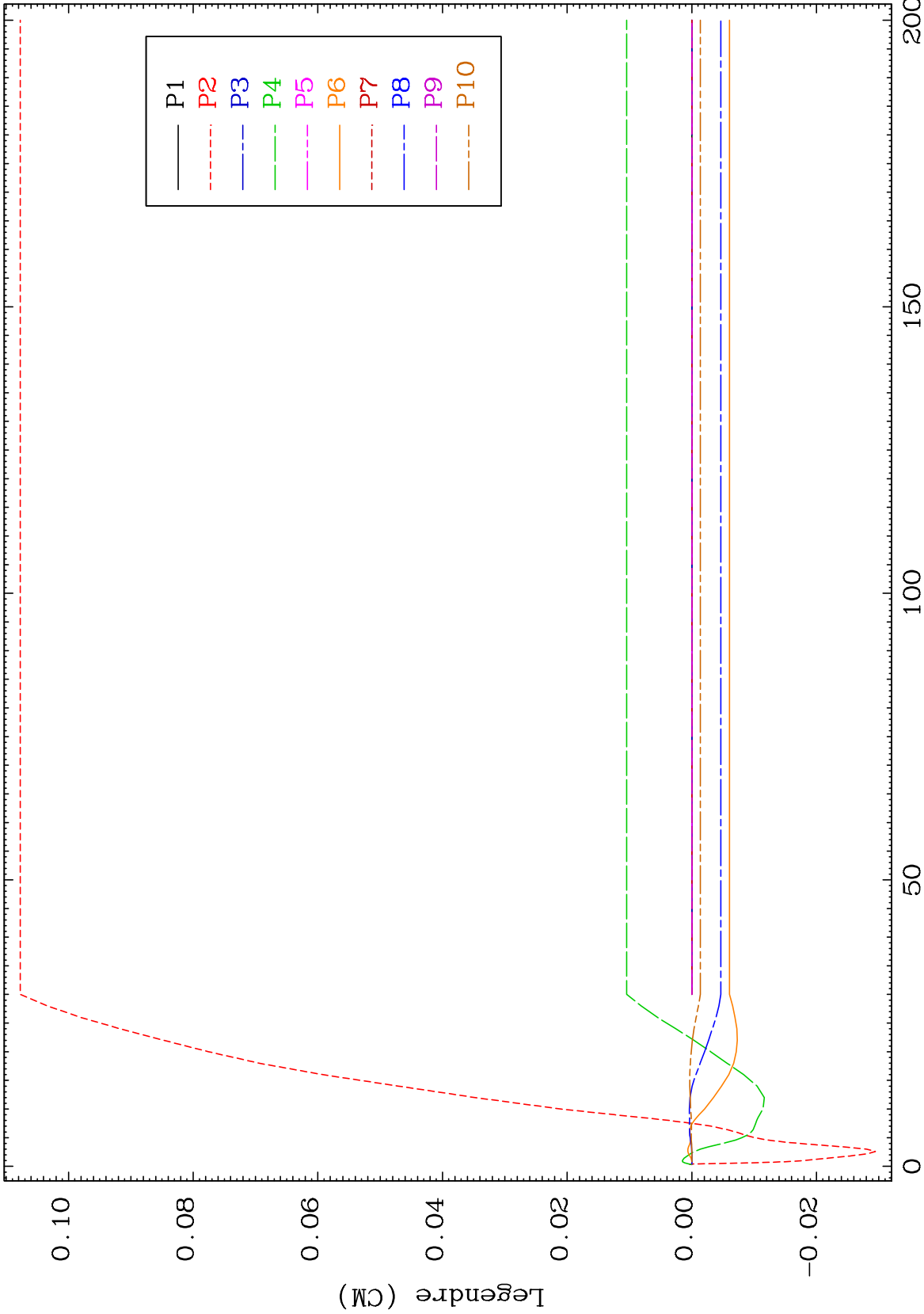


80 Incident Energy (MeV) 77-Ir-194

MAT 7734

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

77-Ir-194



81

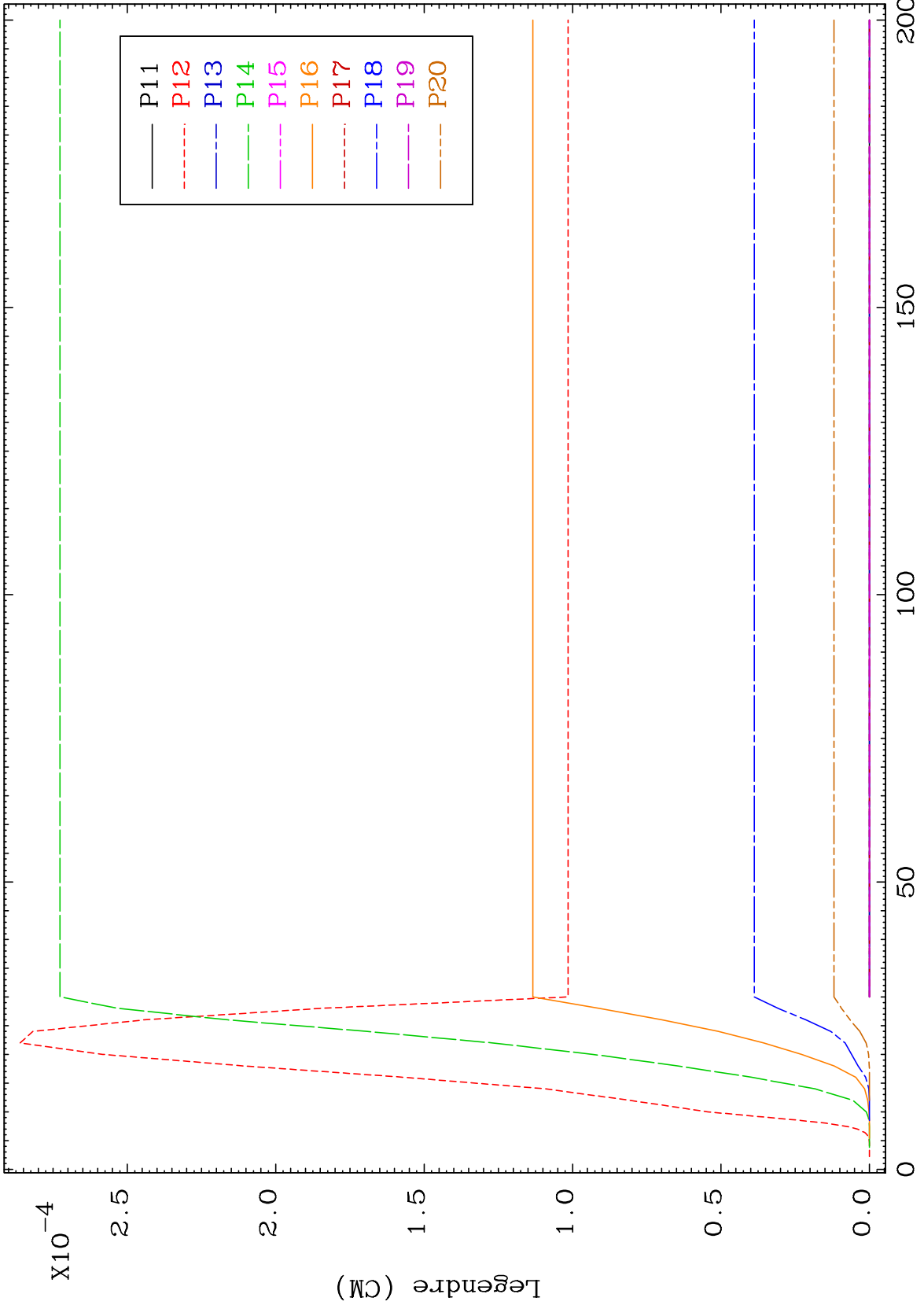
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194

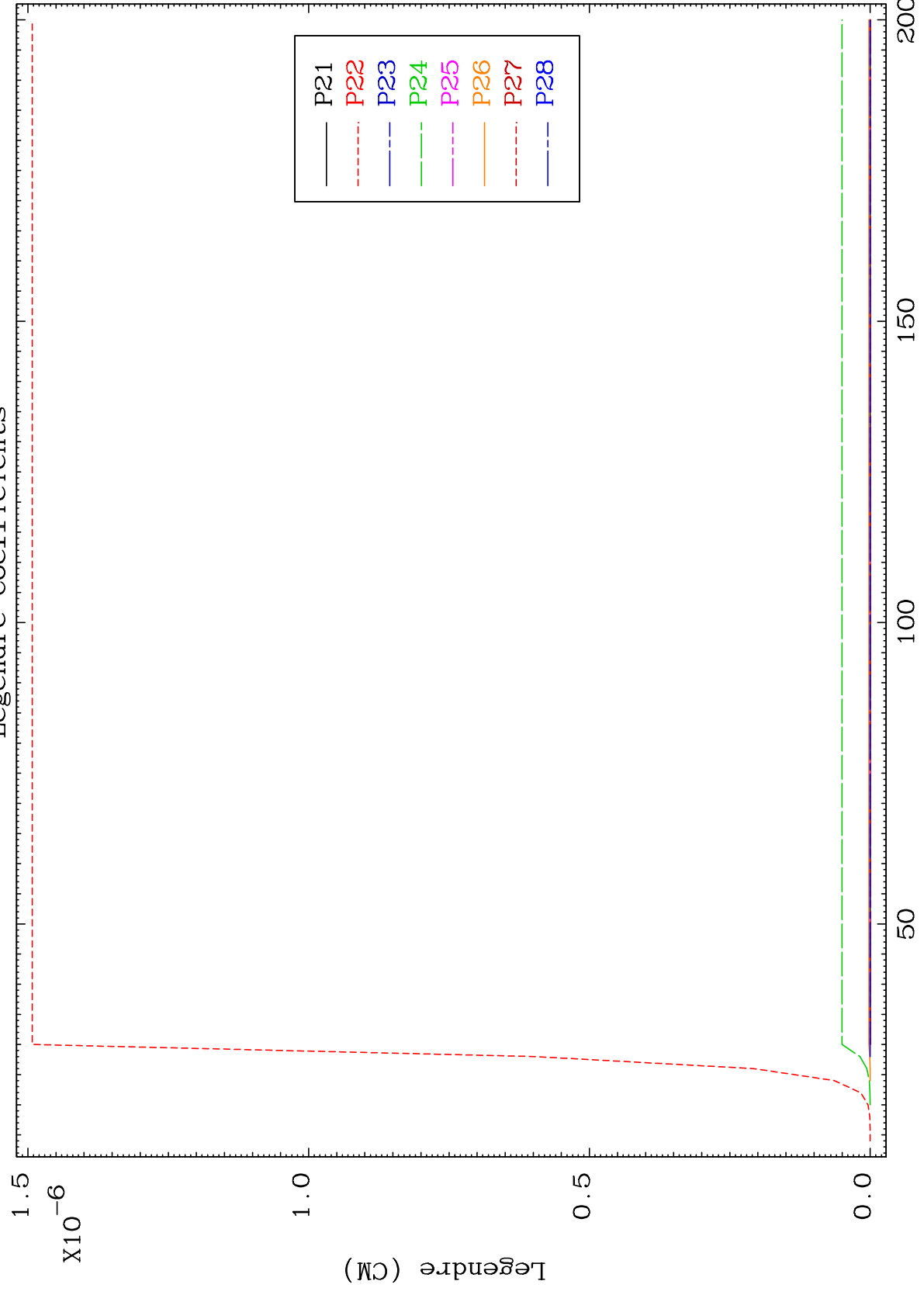


82

Incident Energy (MeV)

77-Ir-194

MAT 7734 MT= 69 (n,n') Level Legendre Coefficients 77-Ir-194

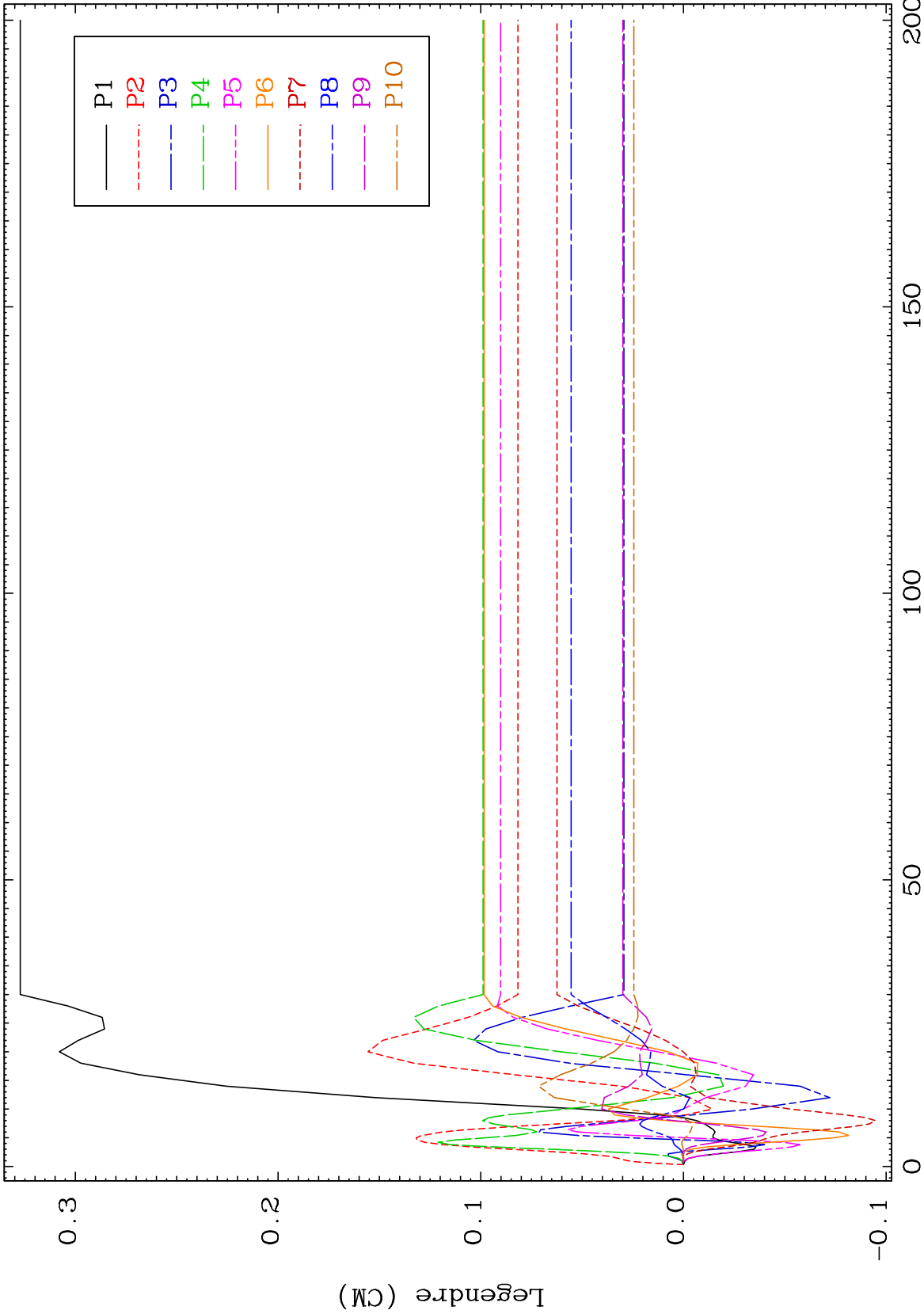


83 77-Ir-194

MAT 7734

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

77-Ir-194



84

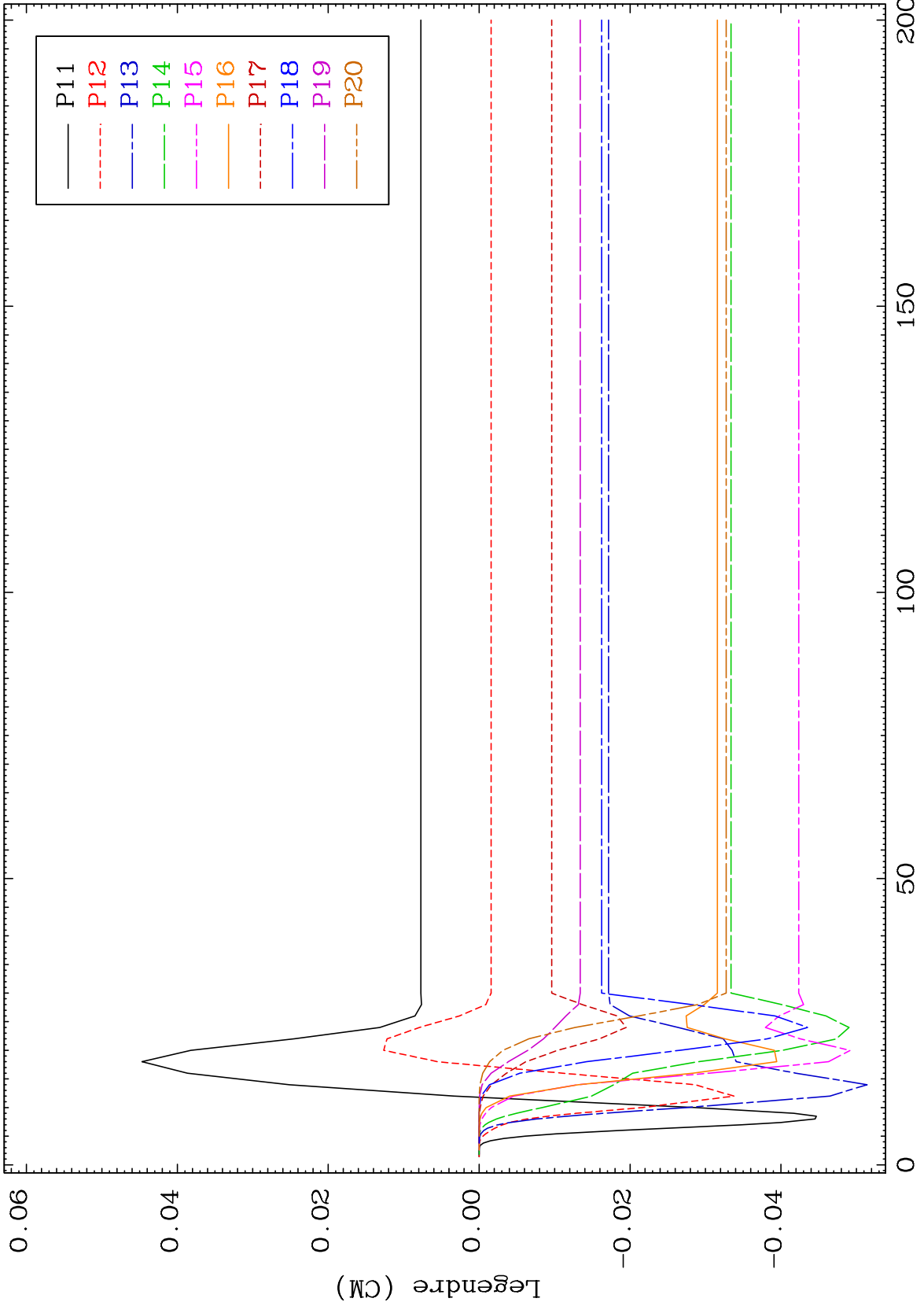
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



85

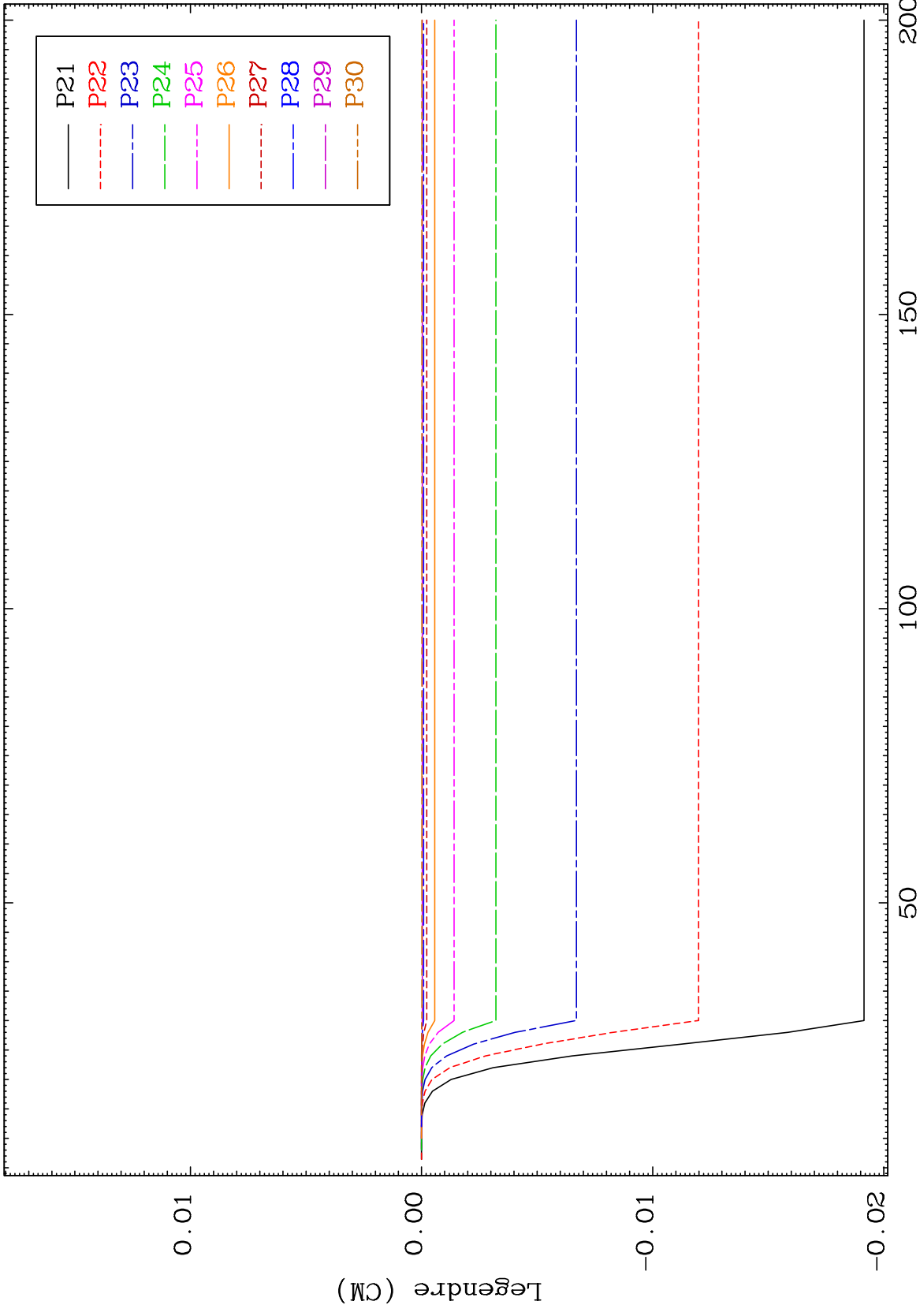
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



86

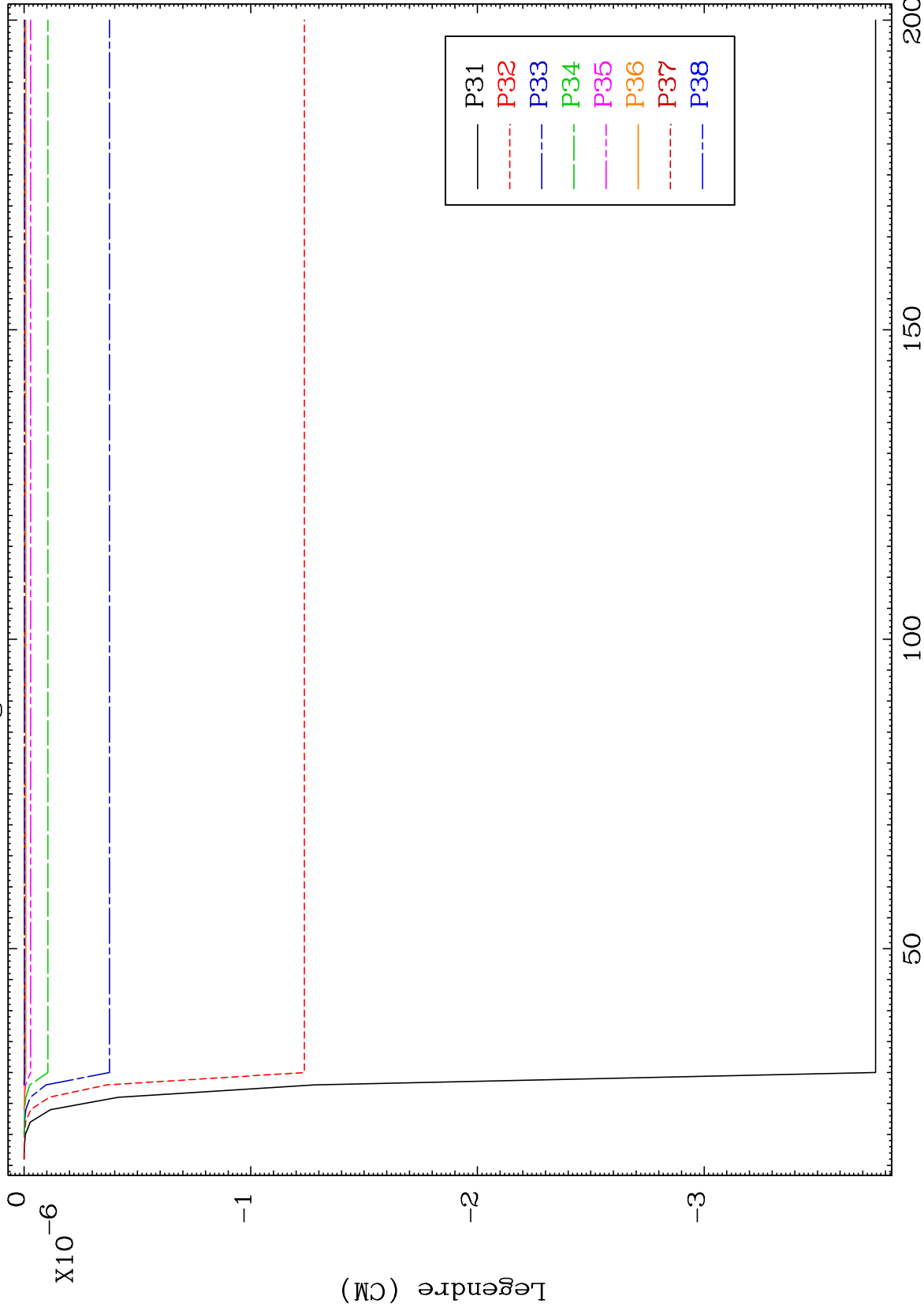
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

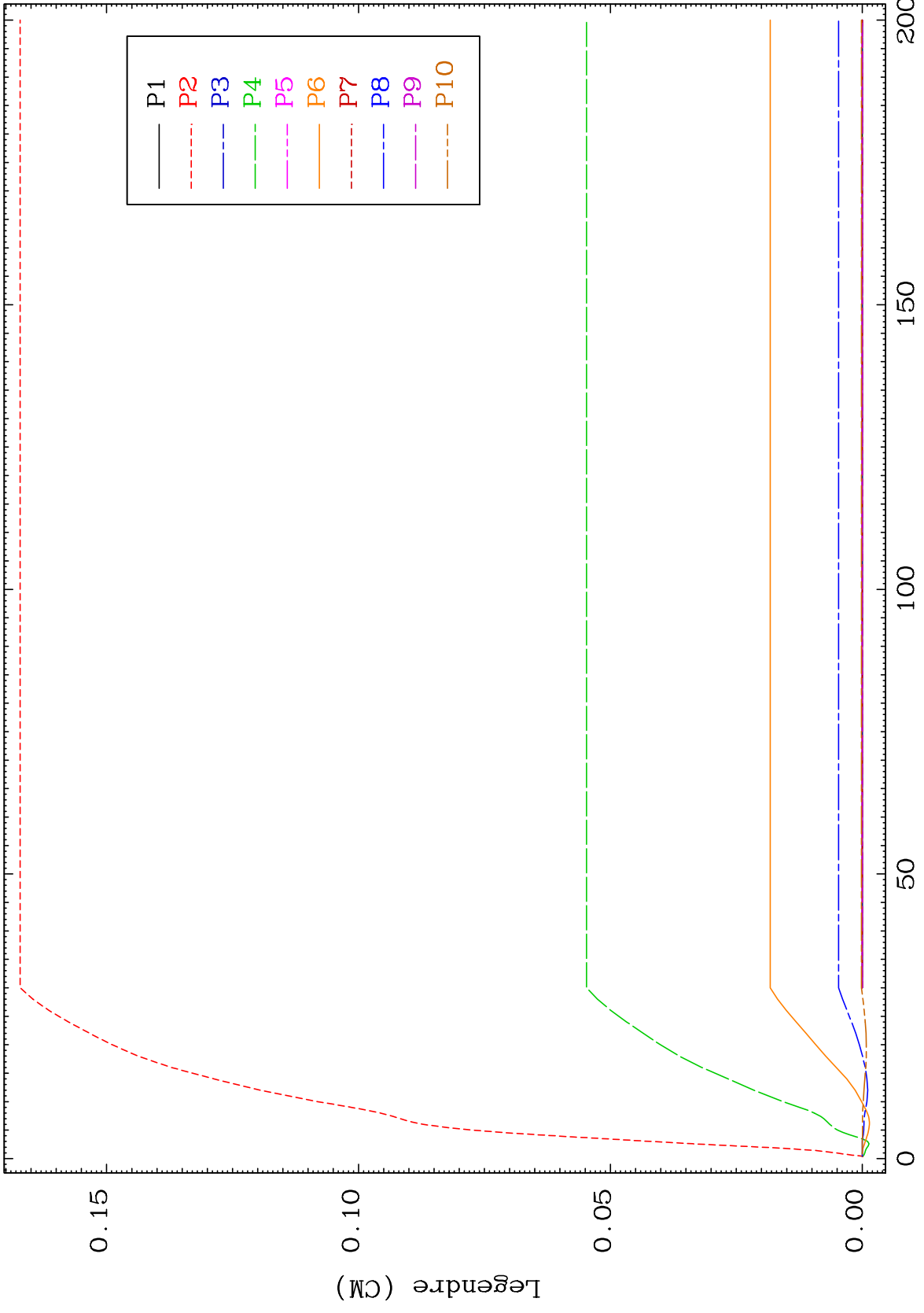
77-Ir-194



87

77-Ir-194

MAT 7734 MT= 71 (n,n') Level Legendre Coefficients 77-Ir-194

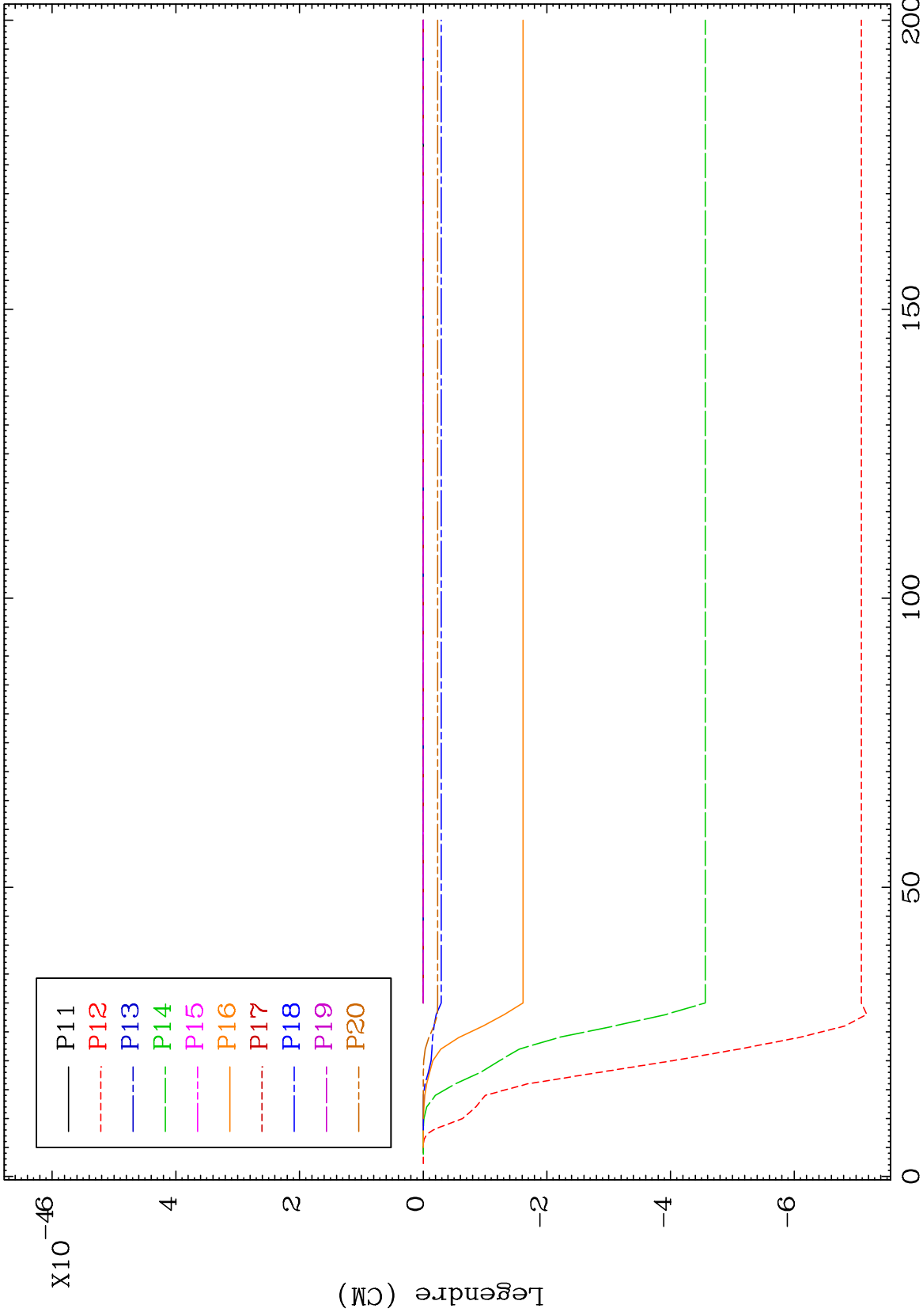


88 77-Ir-194

MAT 7734

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

77-Ir-194

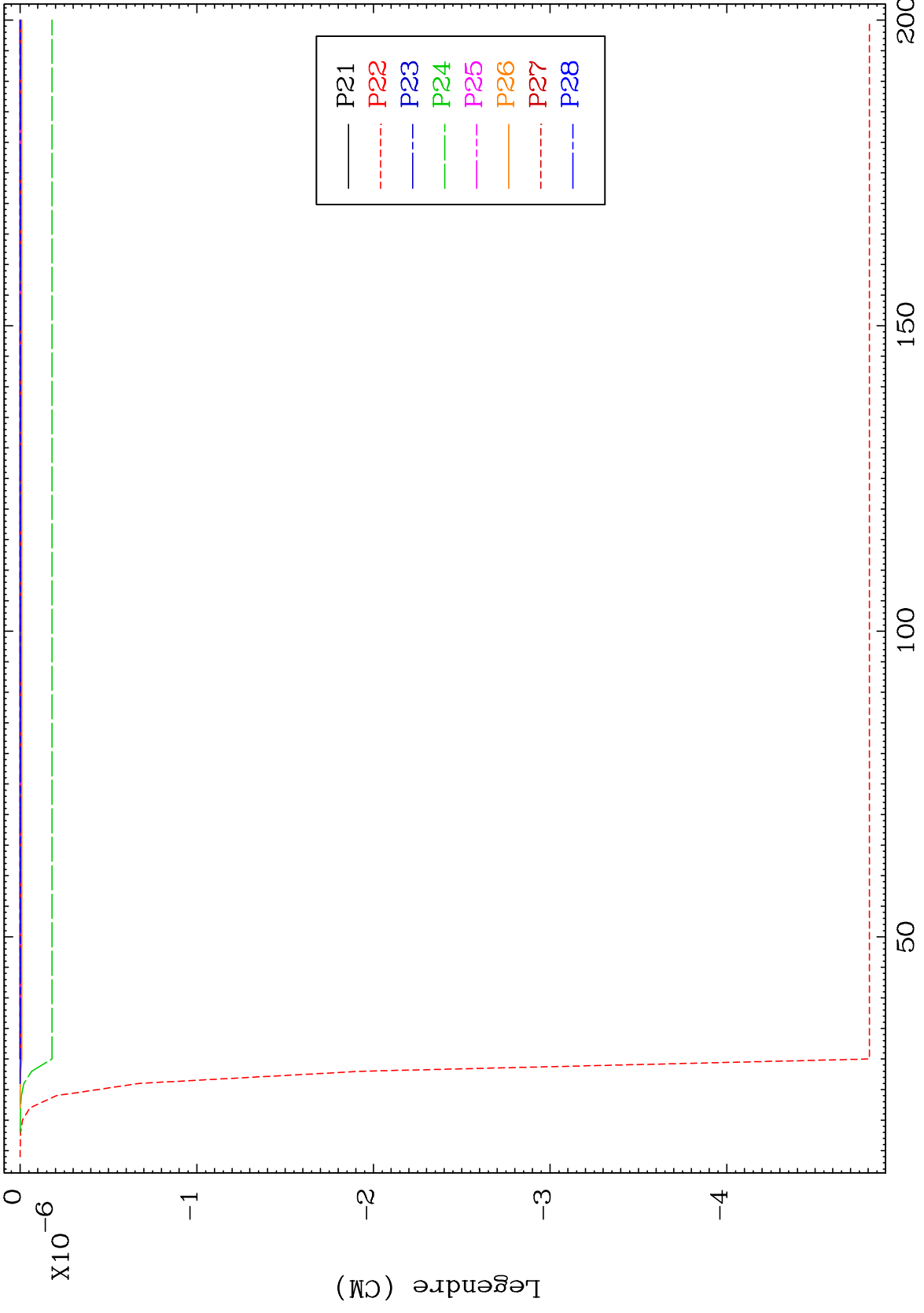


89

Incident Energy (MeV)

77-Ir-194

MAT 7734 MT= 71 (n,n') Level Legendre Coefficients 77-Ir-194

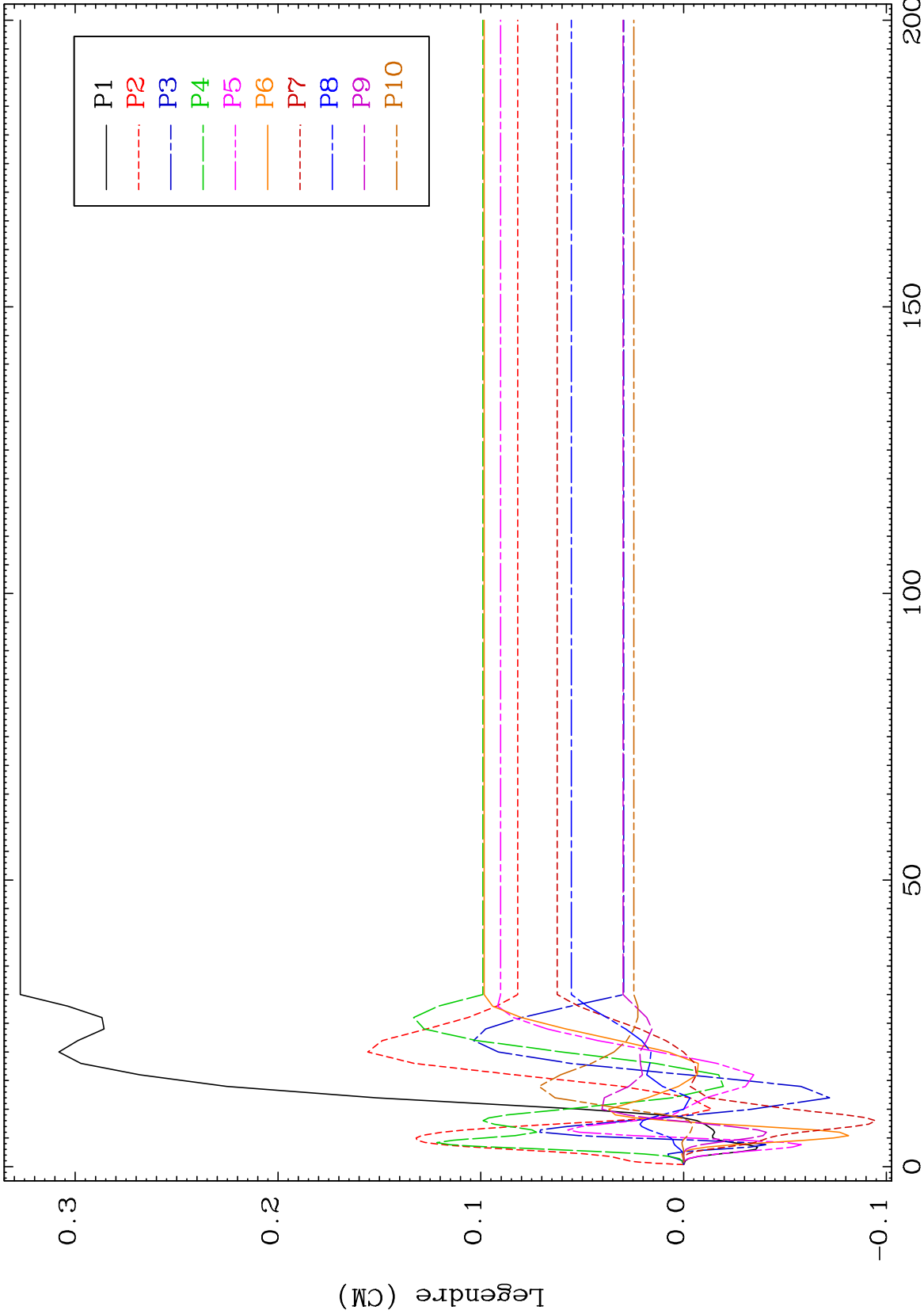


90 Incident Energy (MeV) 77-Ir-194

MAT 7734

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

77-Ir-194



91

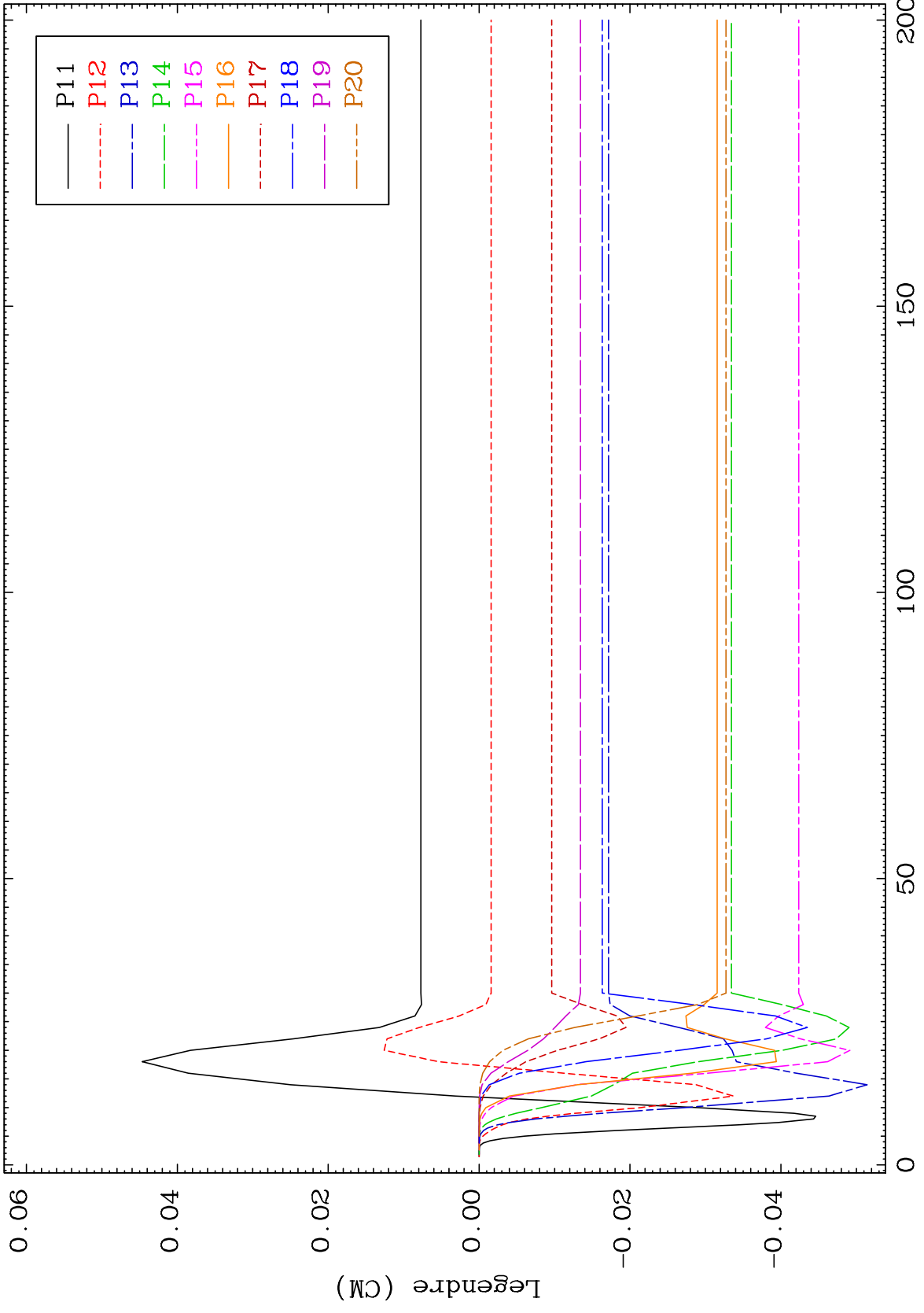
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



92

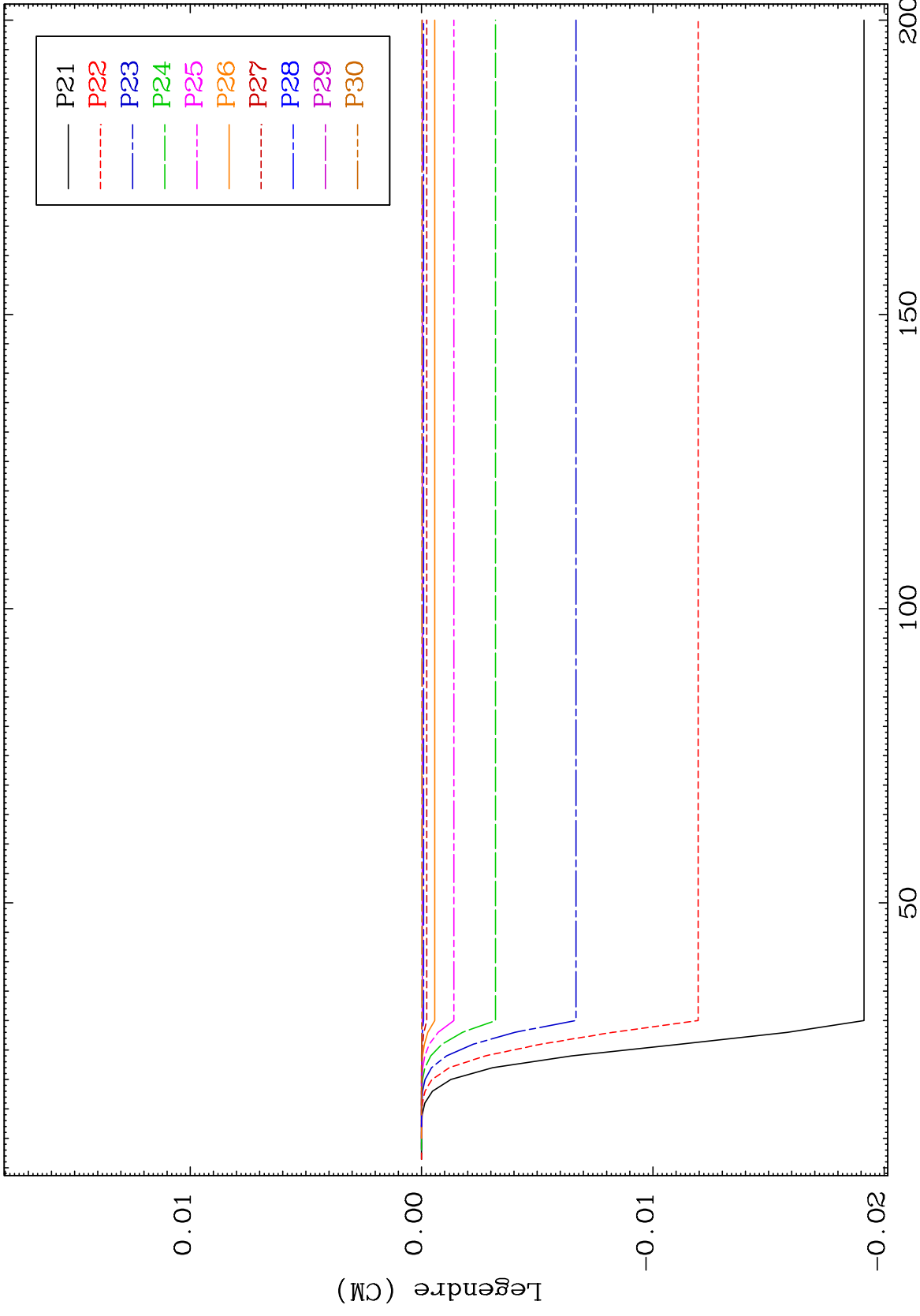
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



93

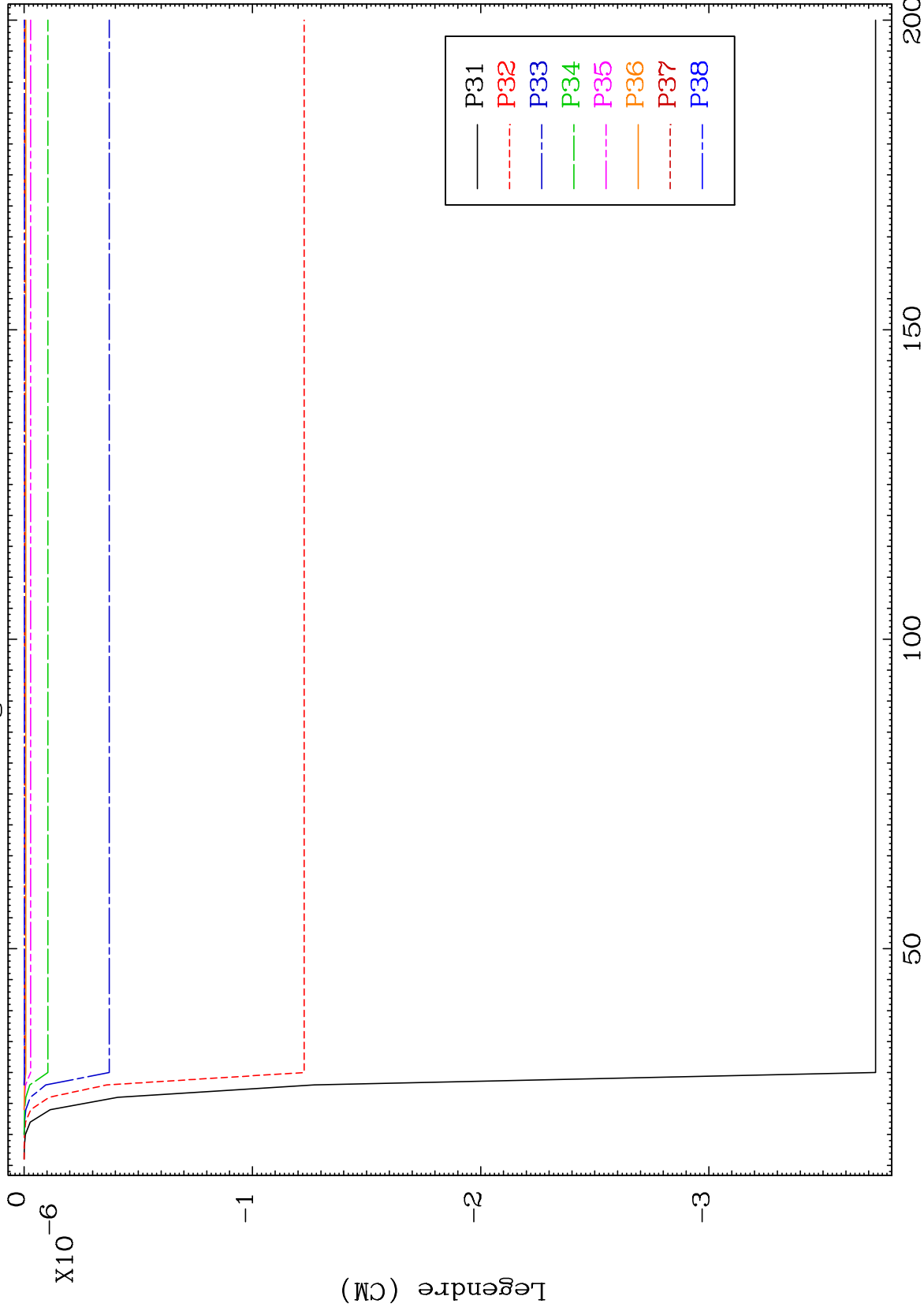
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194

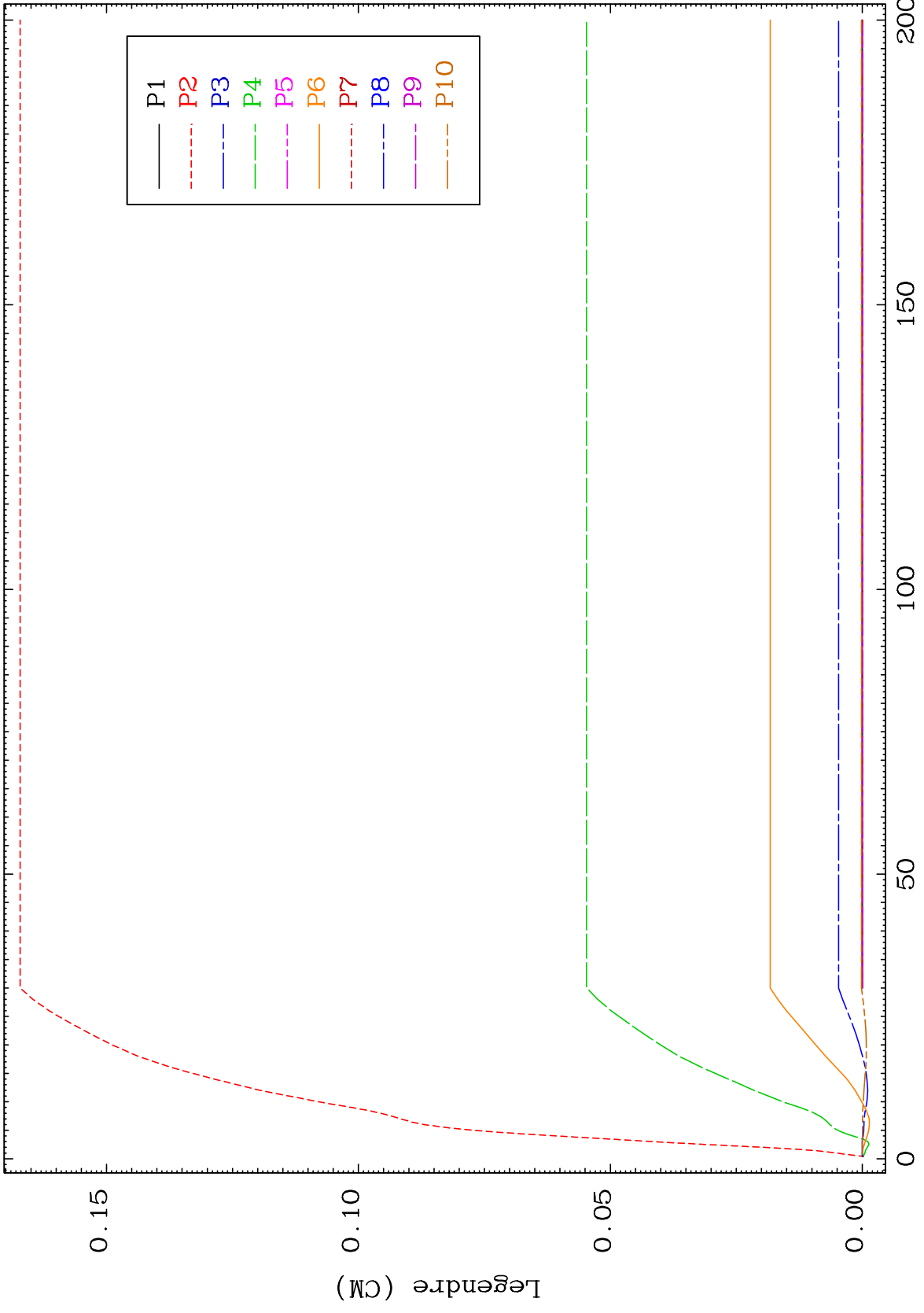


77-Ir-194

Incident Energy (MeV)

94

MAT 7734 MT= 73 (n,n') Level Legendre Coefficients 77-Ir-194

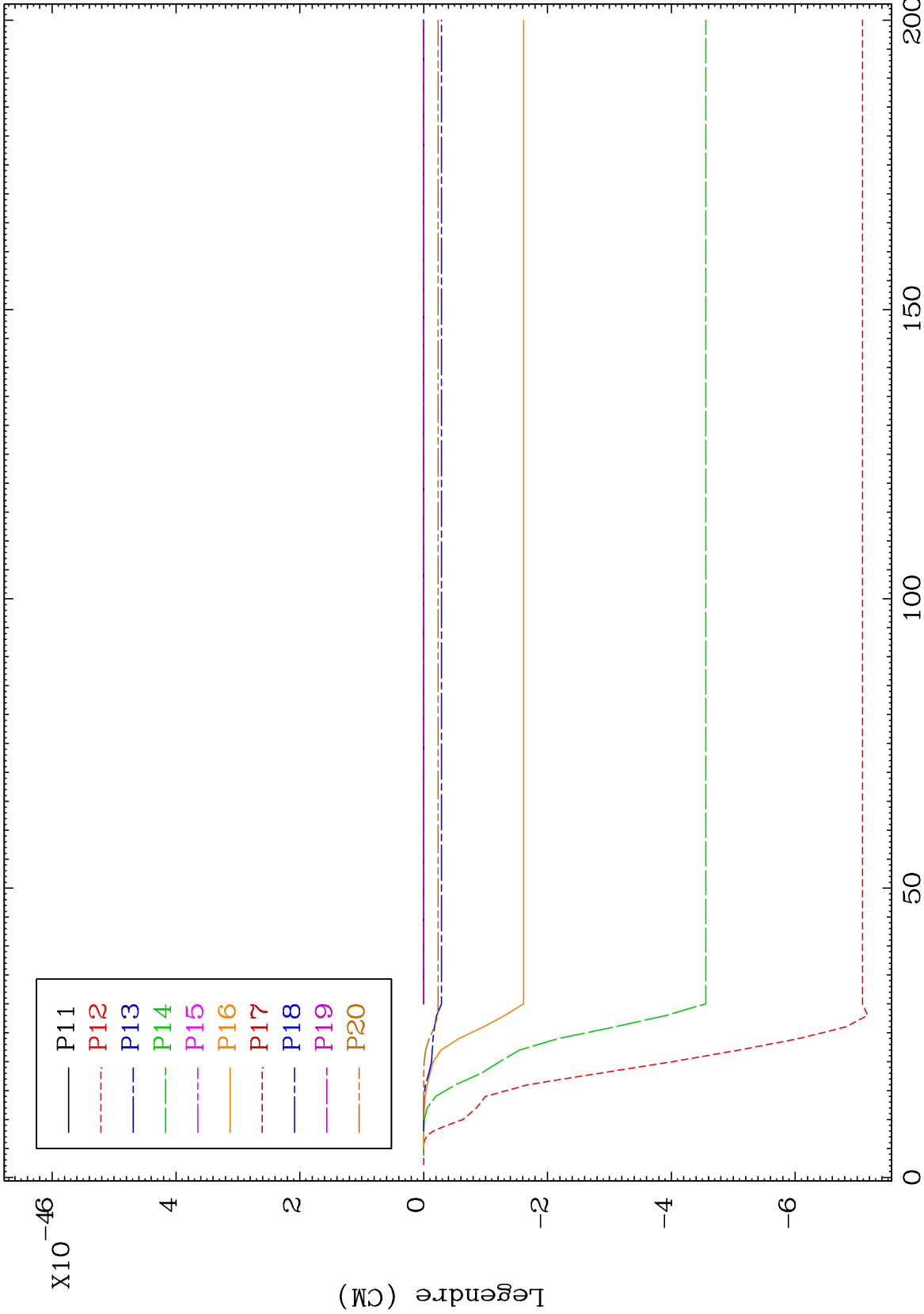


95 Incident Energy (MeV) 77-Ir-194

MAT 7734

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

77-Ir-194



96

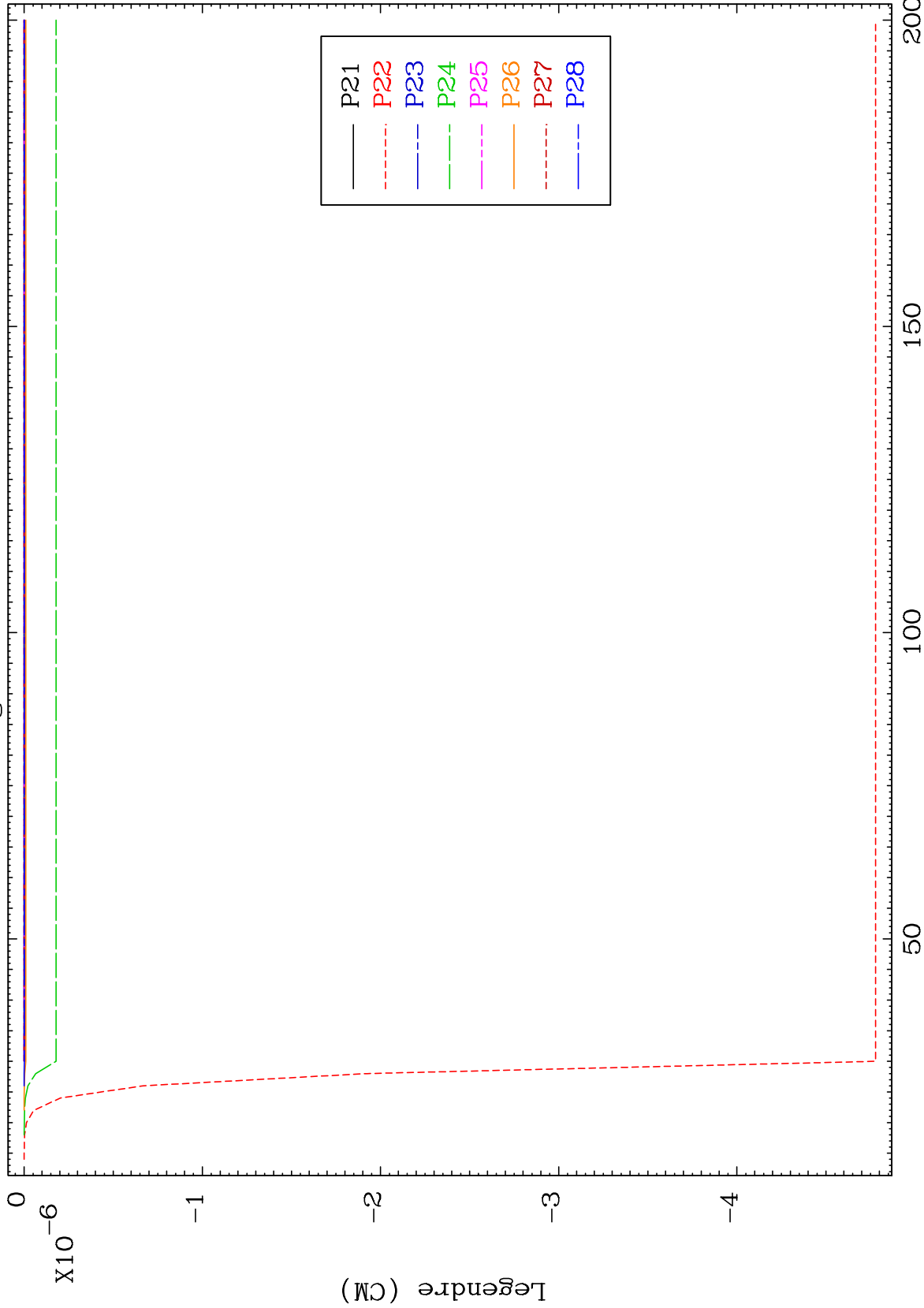
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194



97

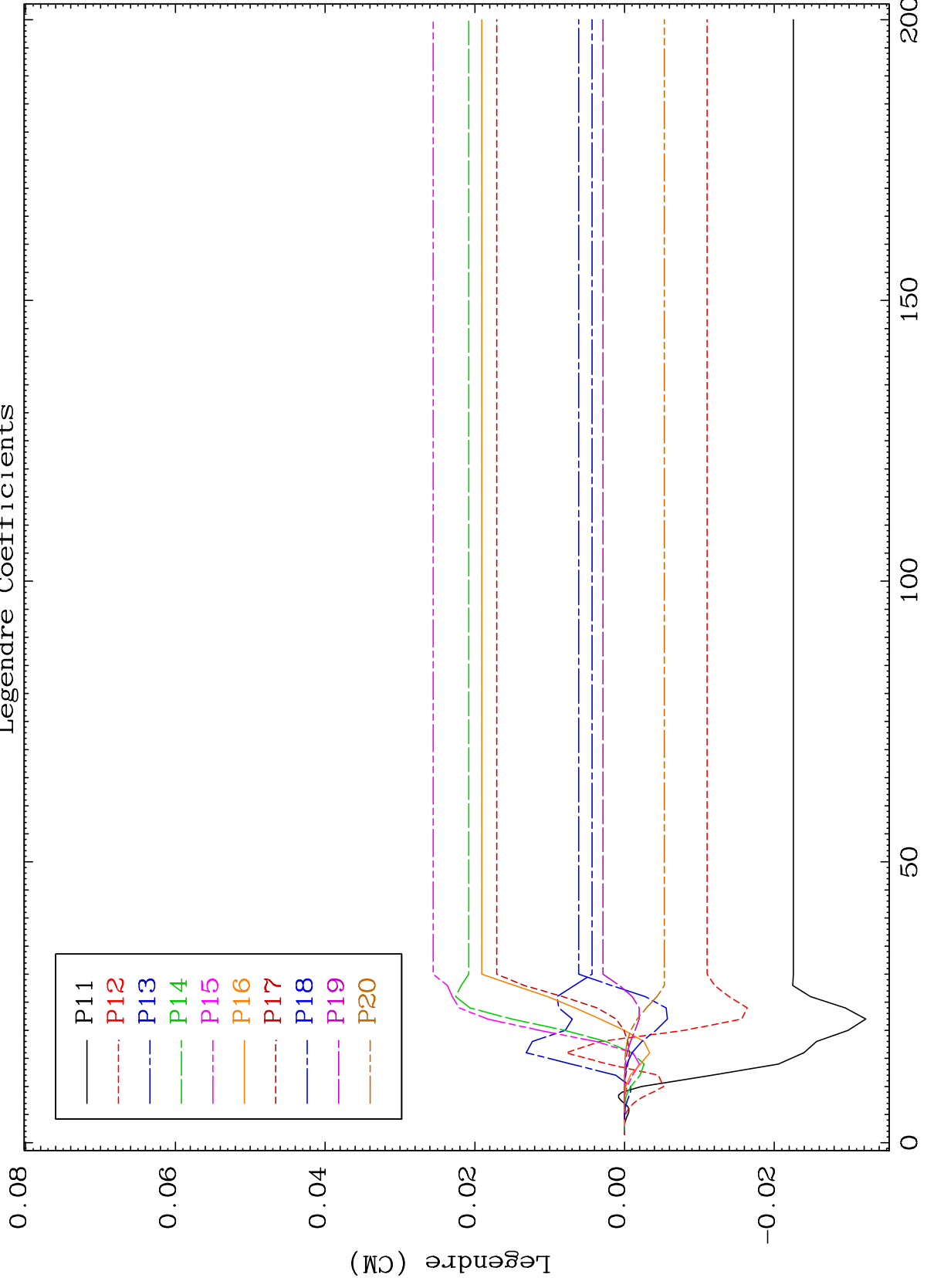
Incident Energy (MeV)

77-Ir-194

MAT 7734 MT= 74 (n,n') Level Legendre Coefficients

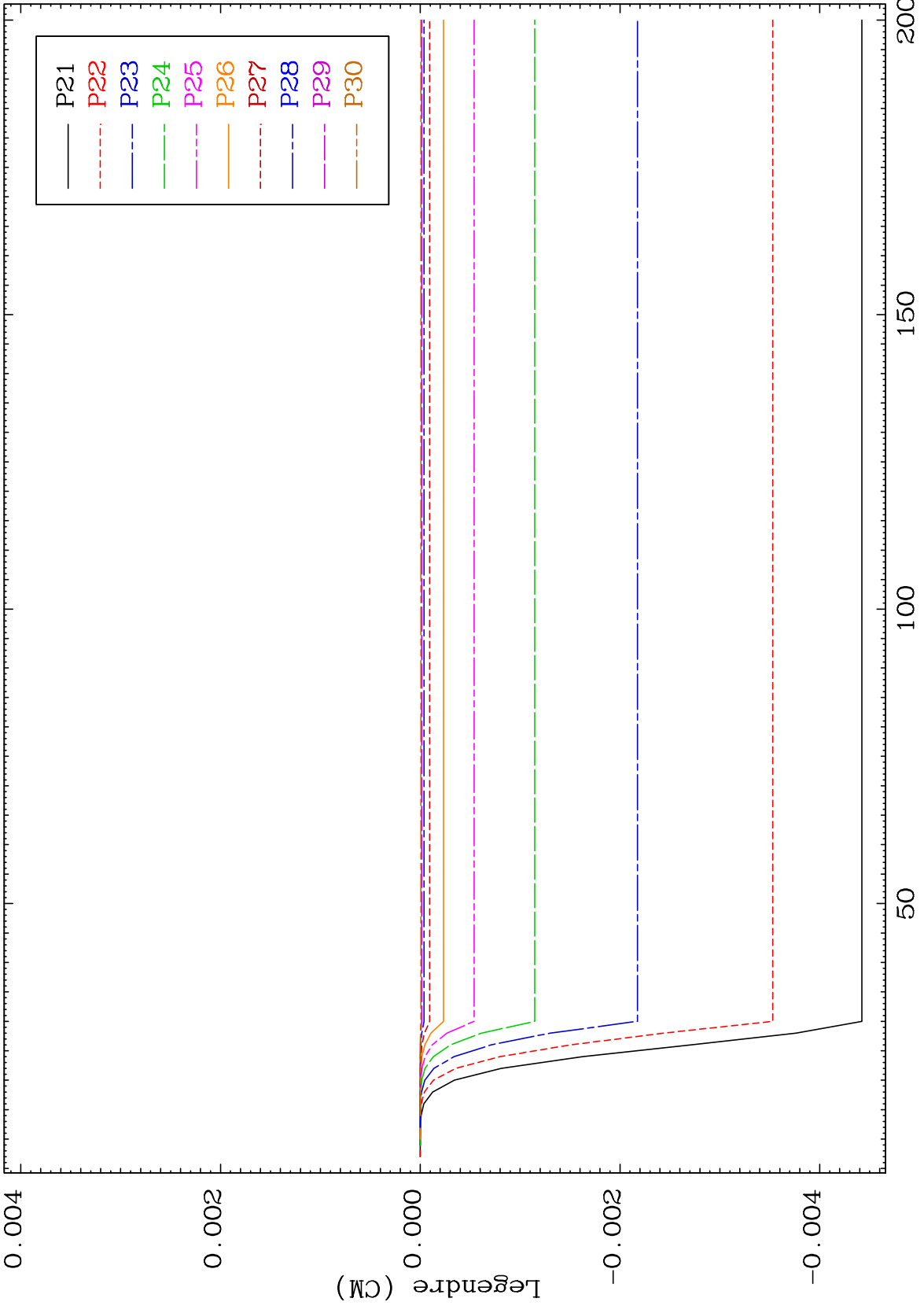
77-Ir-194

77-Ir-194



99

MAT 7734 MT= 74 (n,n') Level Legendre Coefficients 77-Ir-194

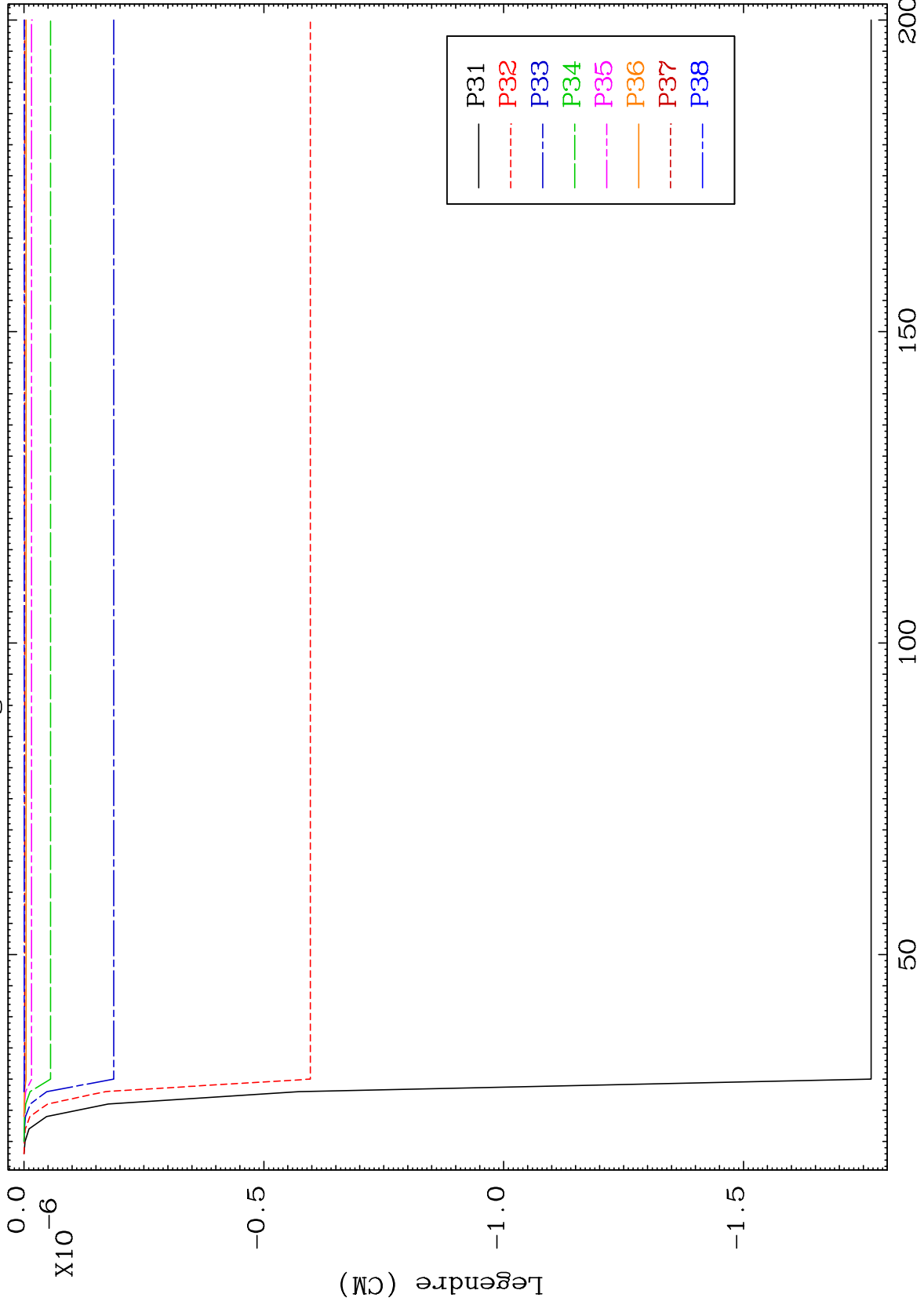


100 Incident Energy (MeV) 77-Ir-194

MAT 7734

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

77-Ir-194



77-Ir-194

Incident Energy (MeV)

101

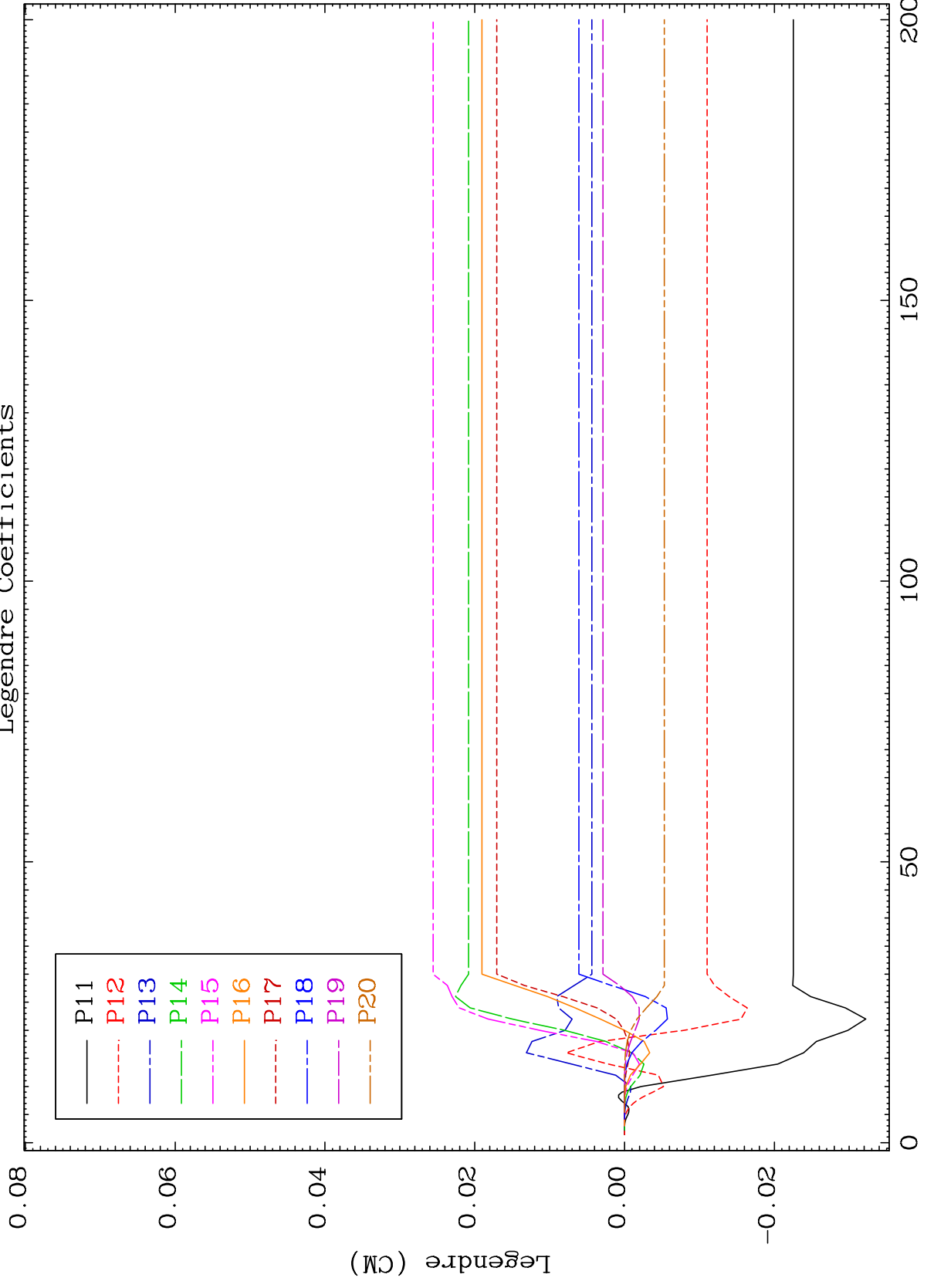
MAT 7734 MT= 75 (n,n') Level Legendre Coefficients

77-Ir-194

77-Ir-194

Incident Energy (MeV)

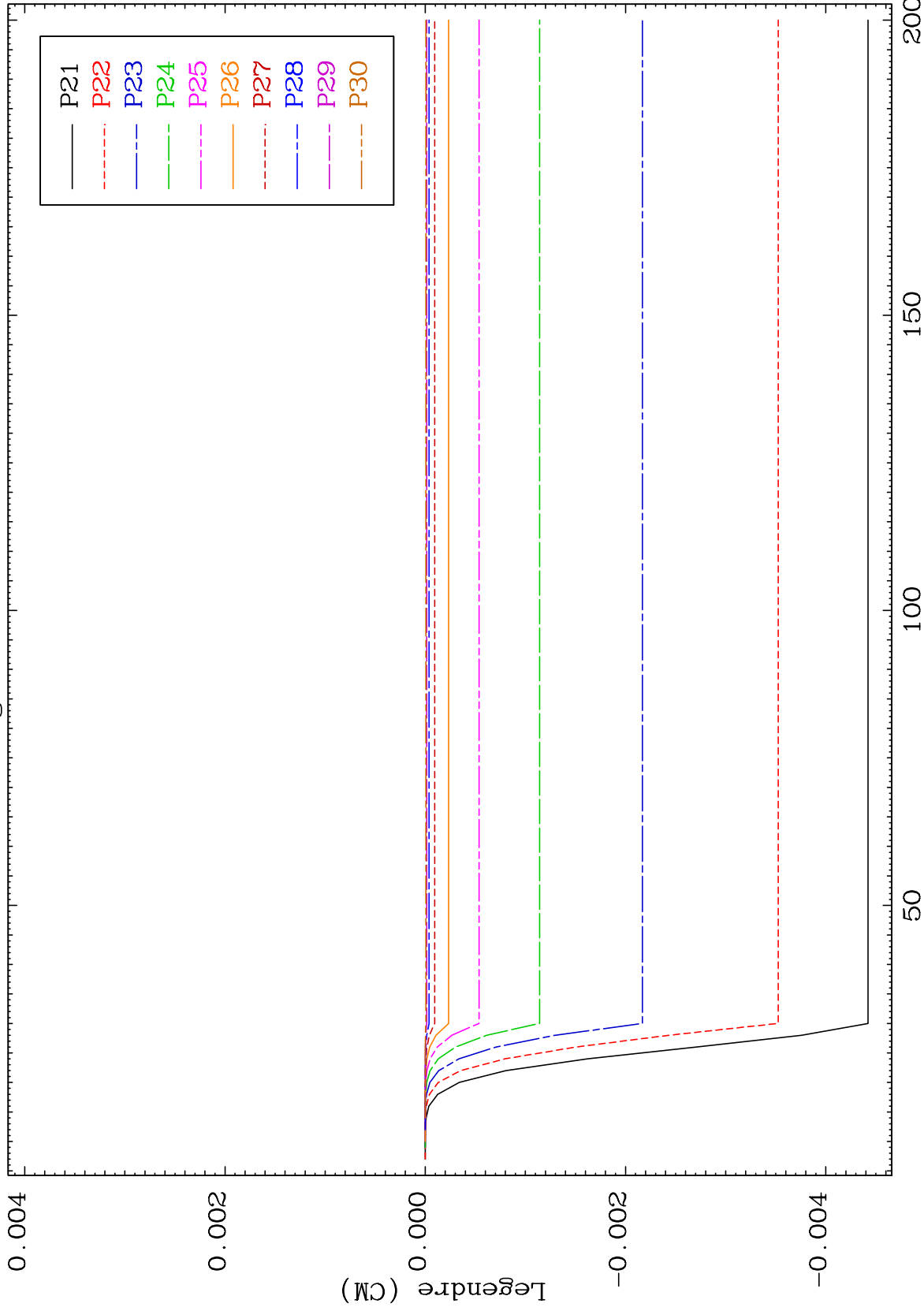
103



MAT 7734

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

77-Ir-194



104

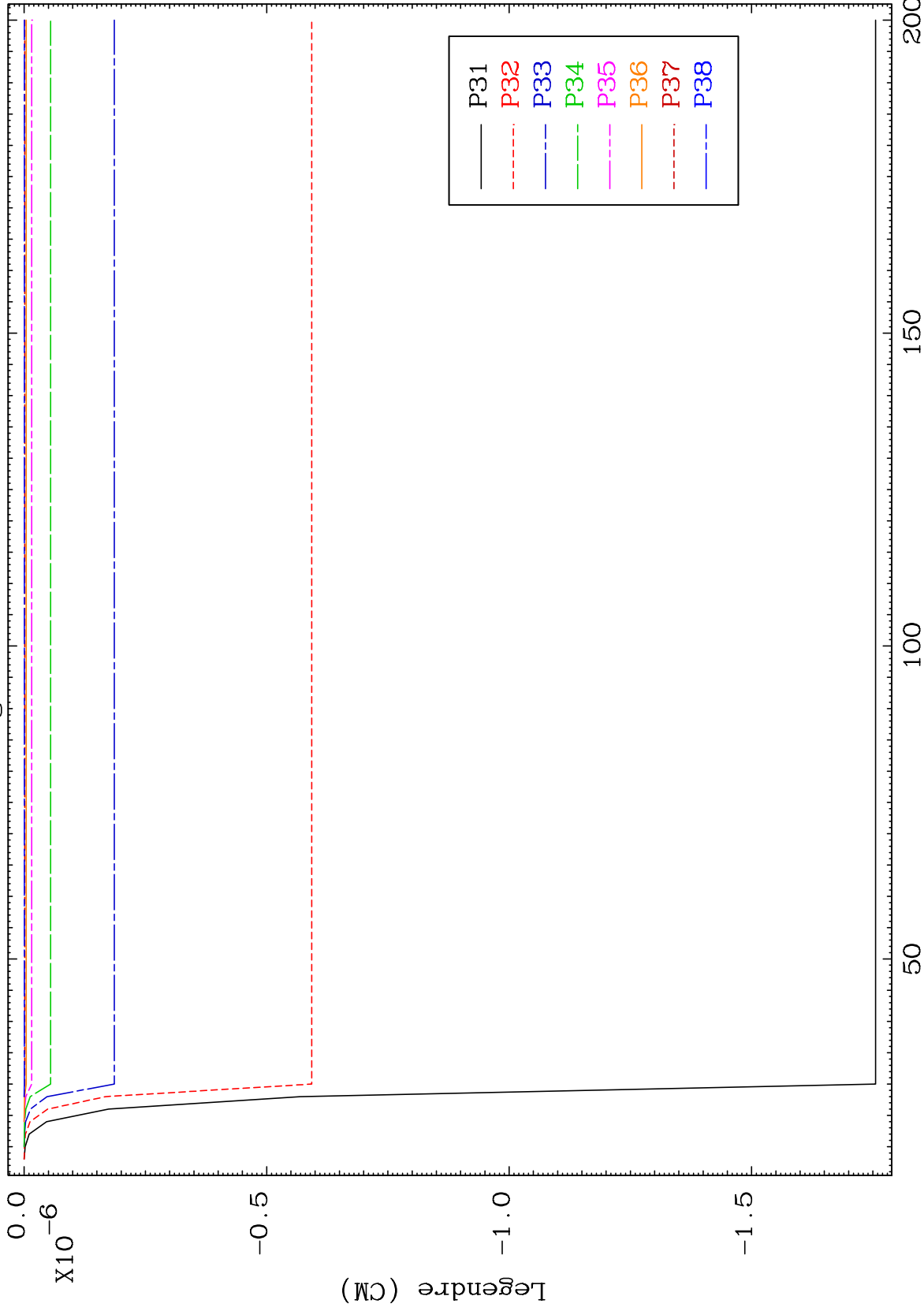
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

77-Ir-194

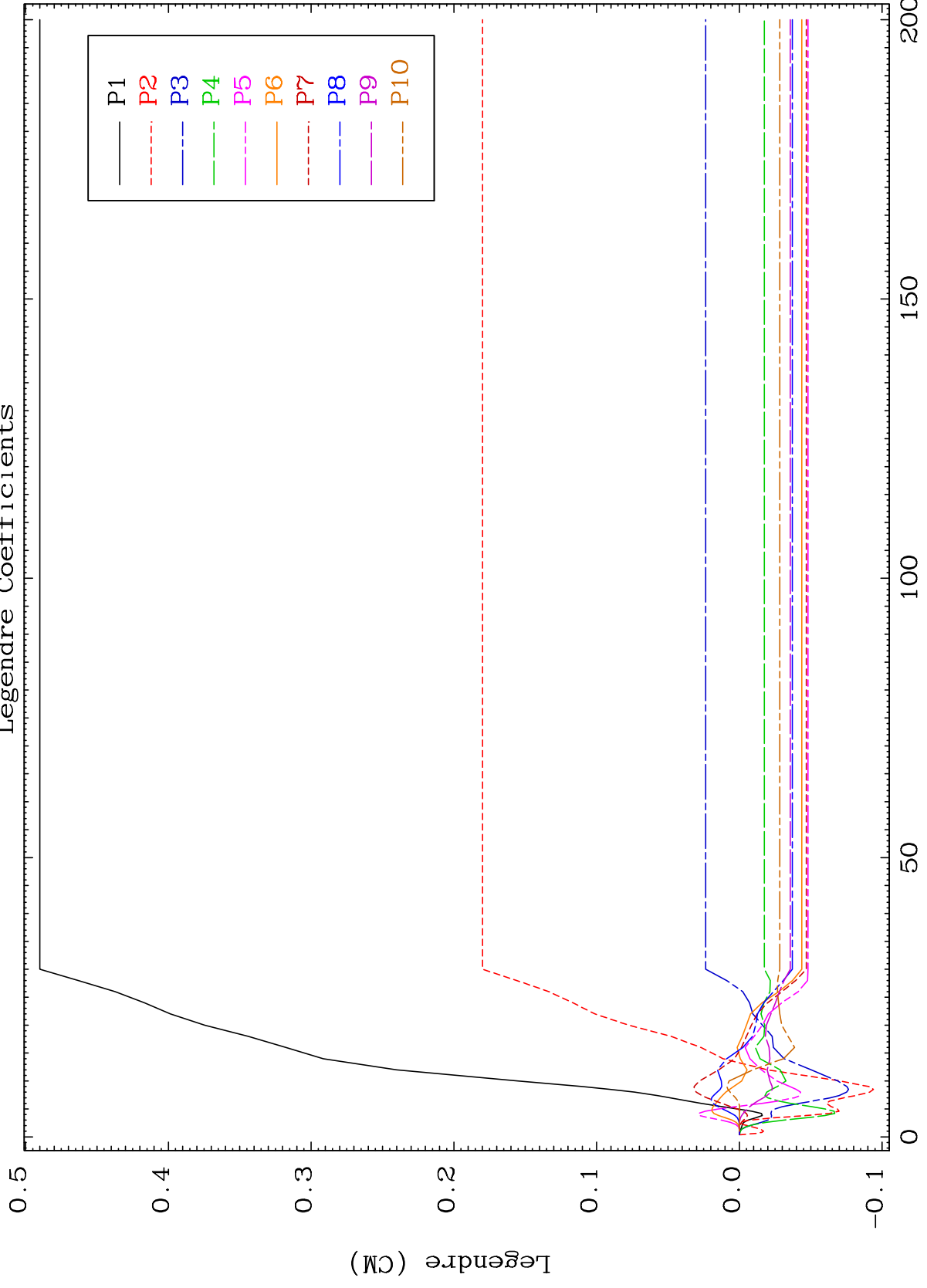


77-Ir-194

Incident Energy (MeV)

105

MAT 7734 MT= 76 (n,n') Level Legendre Coefficients 77-Ir-194



106 77-Ir-194

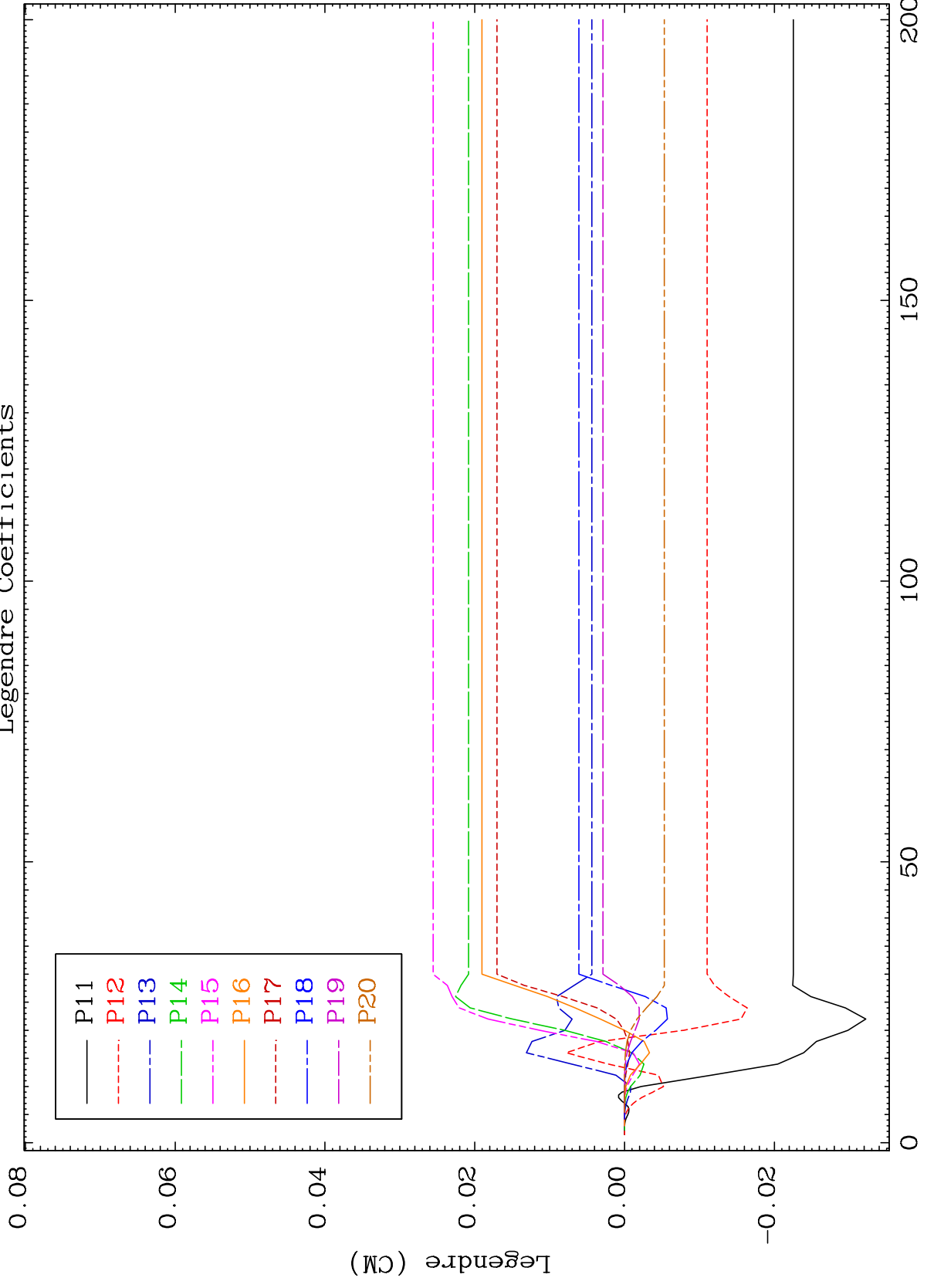
MAT 7734 MT= 76 (n,n') Level Legendre Coefficients

77-Ir-194

77-Ir-194

Incident Energy (MeV)

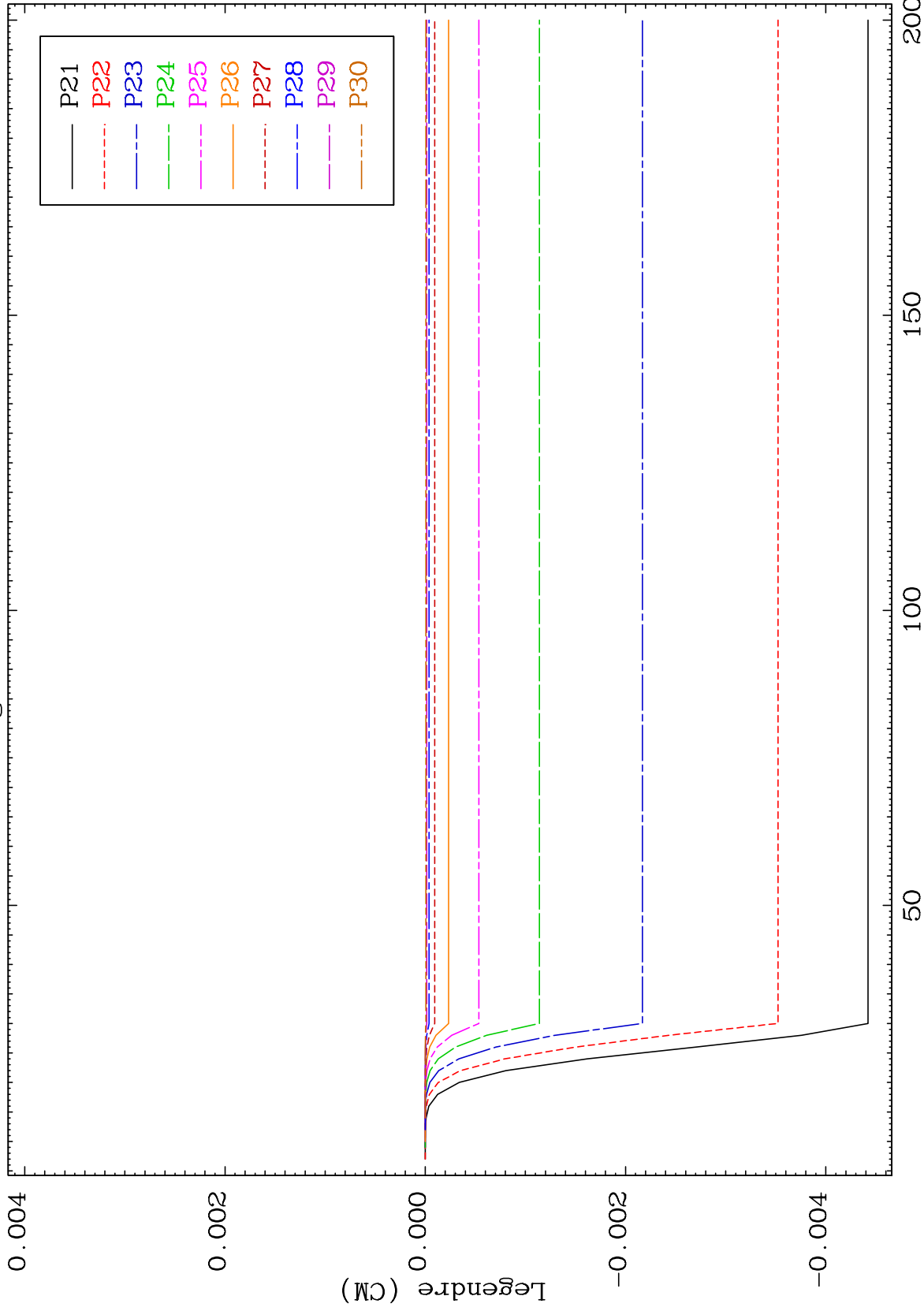
107



MAT 7734

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

77-Ir-194



108

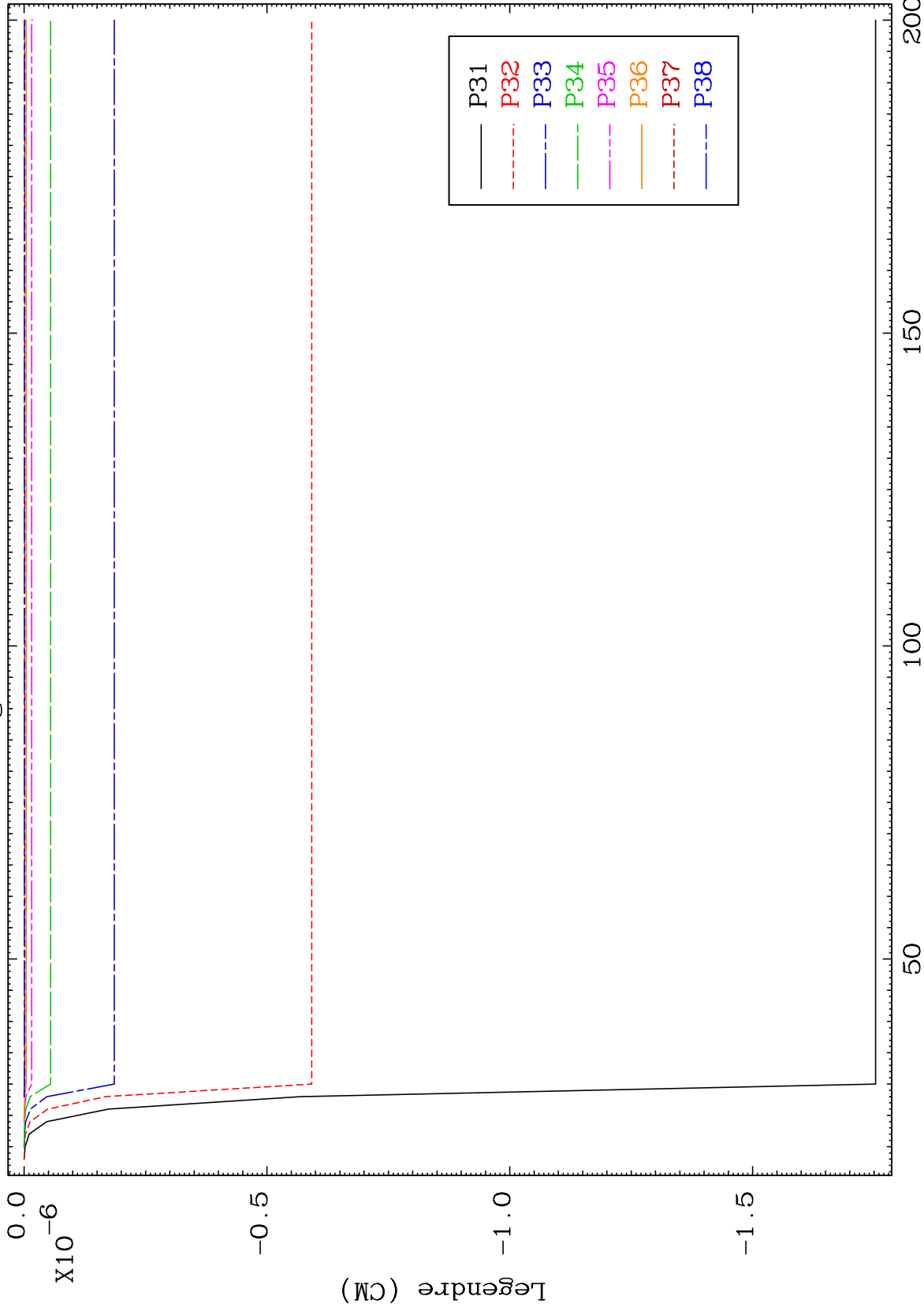
Incident Energy (MeV)

77-Ir-194

MAT 7734

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

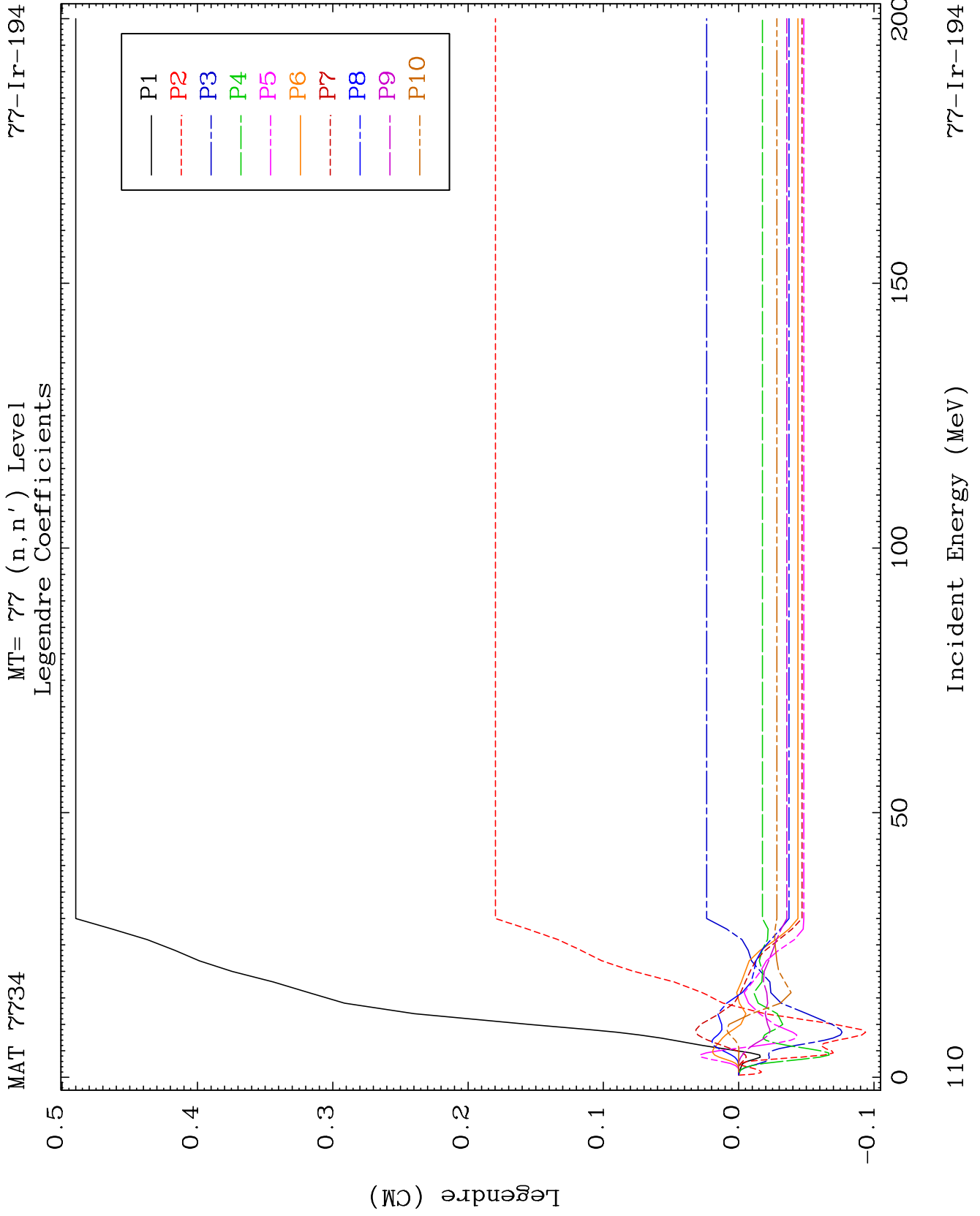
77-Ir-194



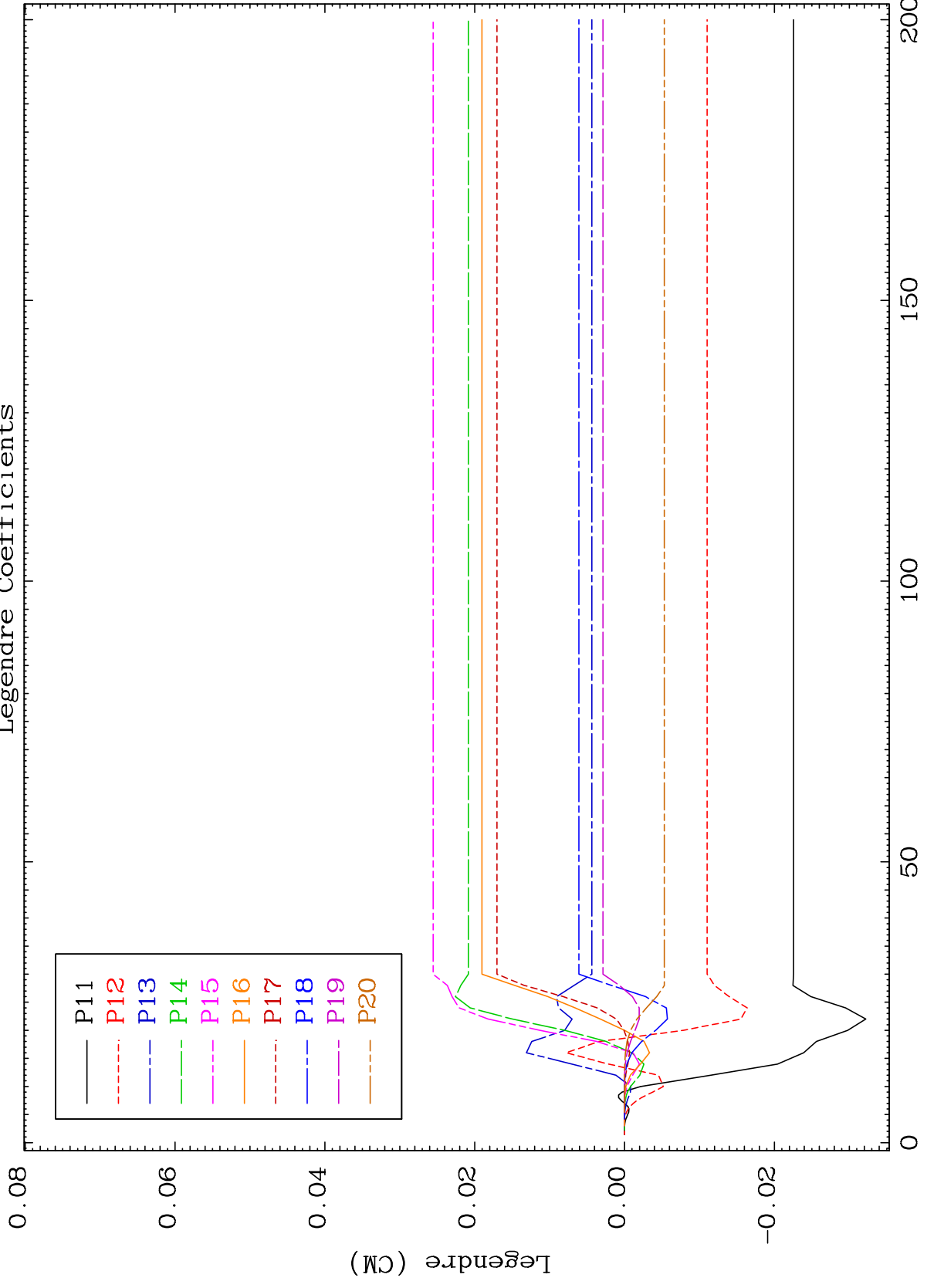
77-Ir-194

Incident Energy (MeV)

109



MAT 7734 MT= 77 (n,n') Level Legendre Coefficients 77-Ir-194



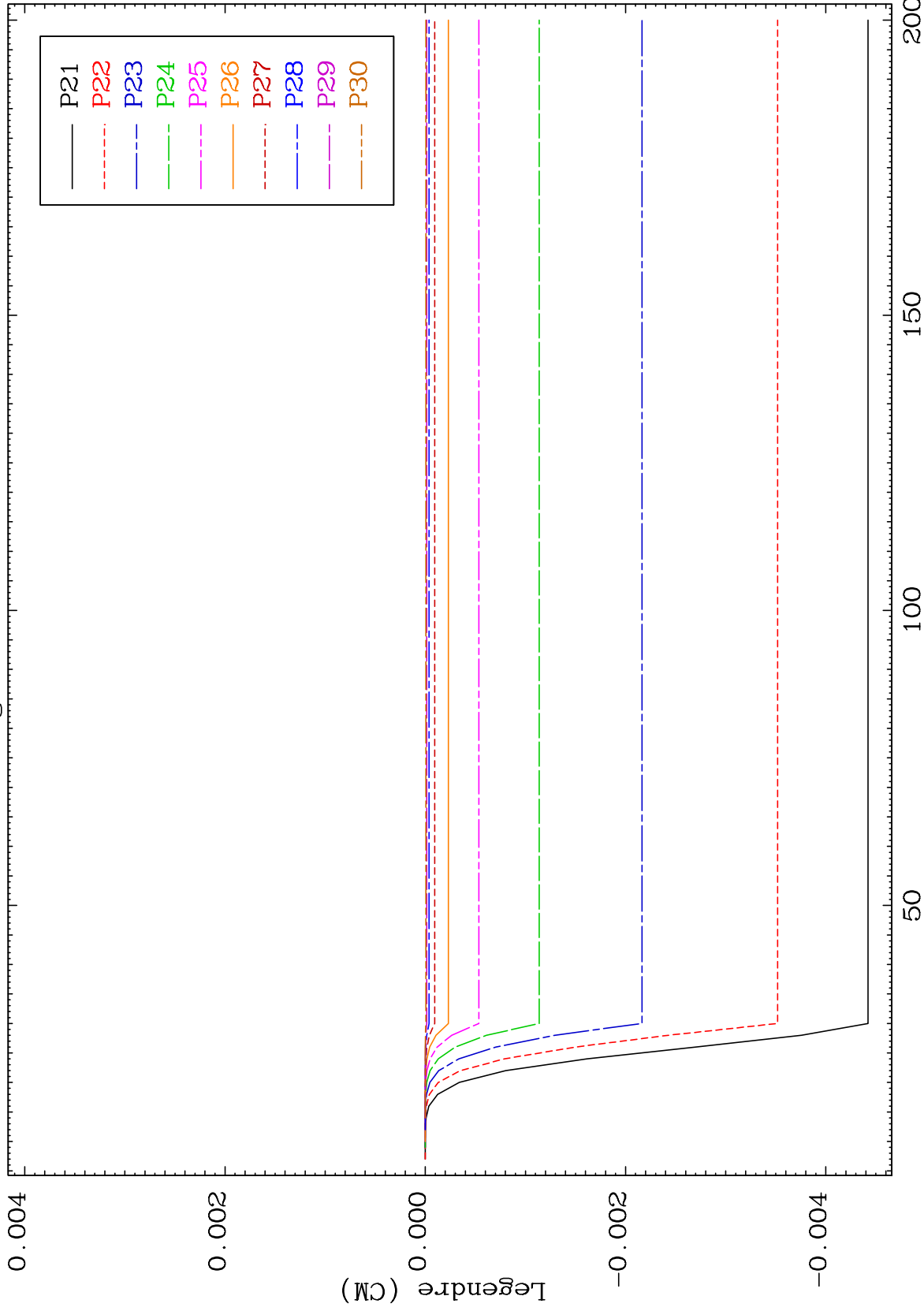
77-Ir-194

Incident Energy (MeV)

MAT 7734

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

77-Ir-194

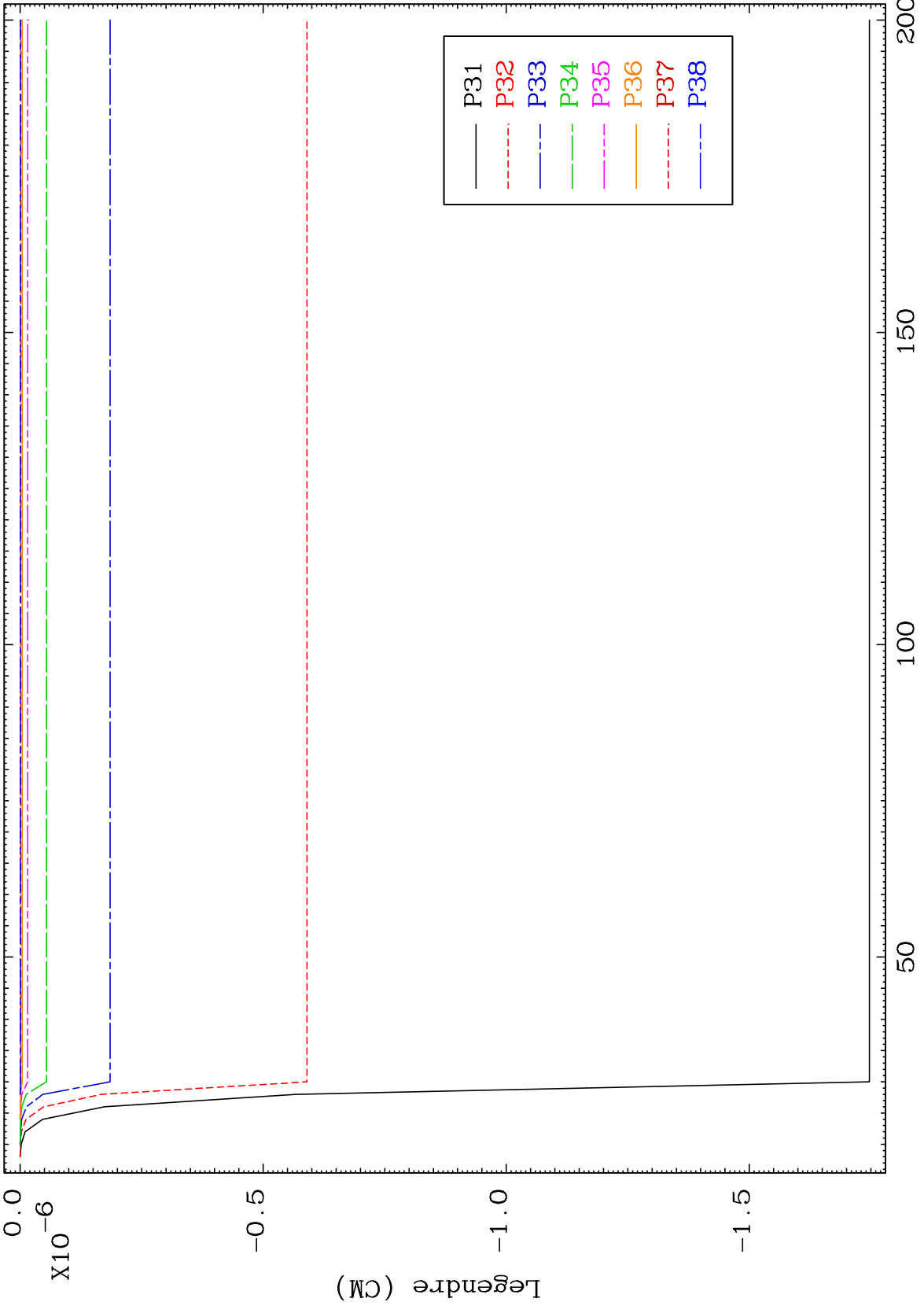


112

Incident Energy (MeV)

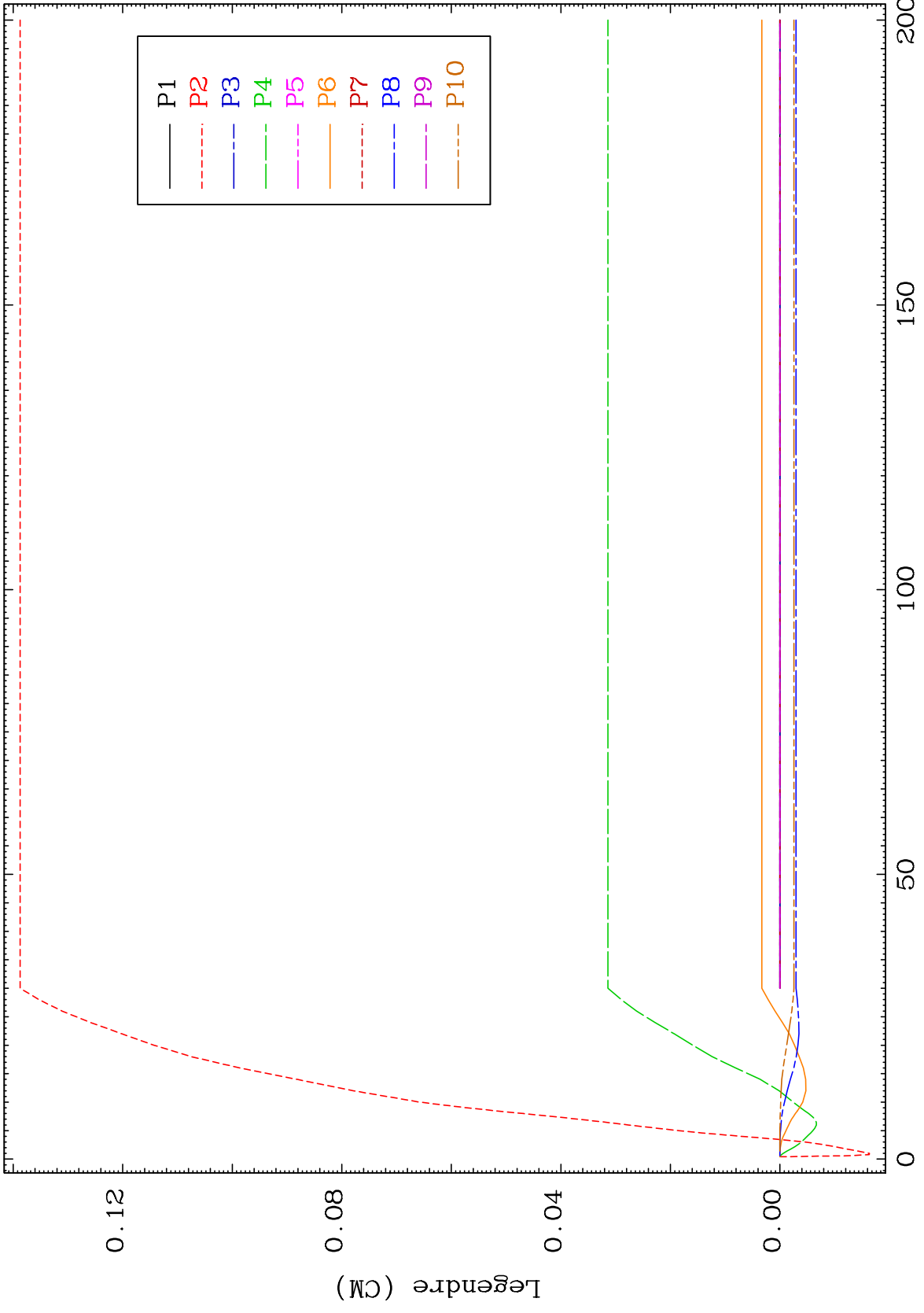
77-Ir-194

MAT 7734 MT= 77 (n,n') Level Legendre Coefficients 77-Ir-194



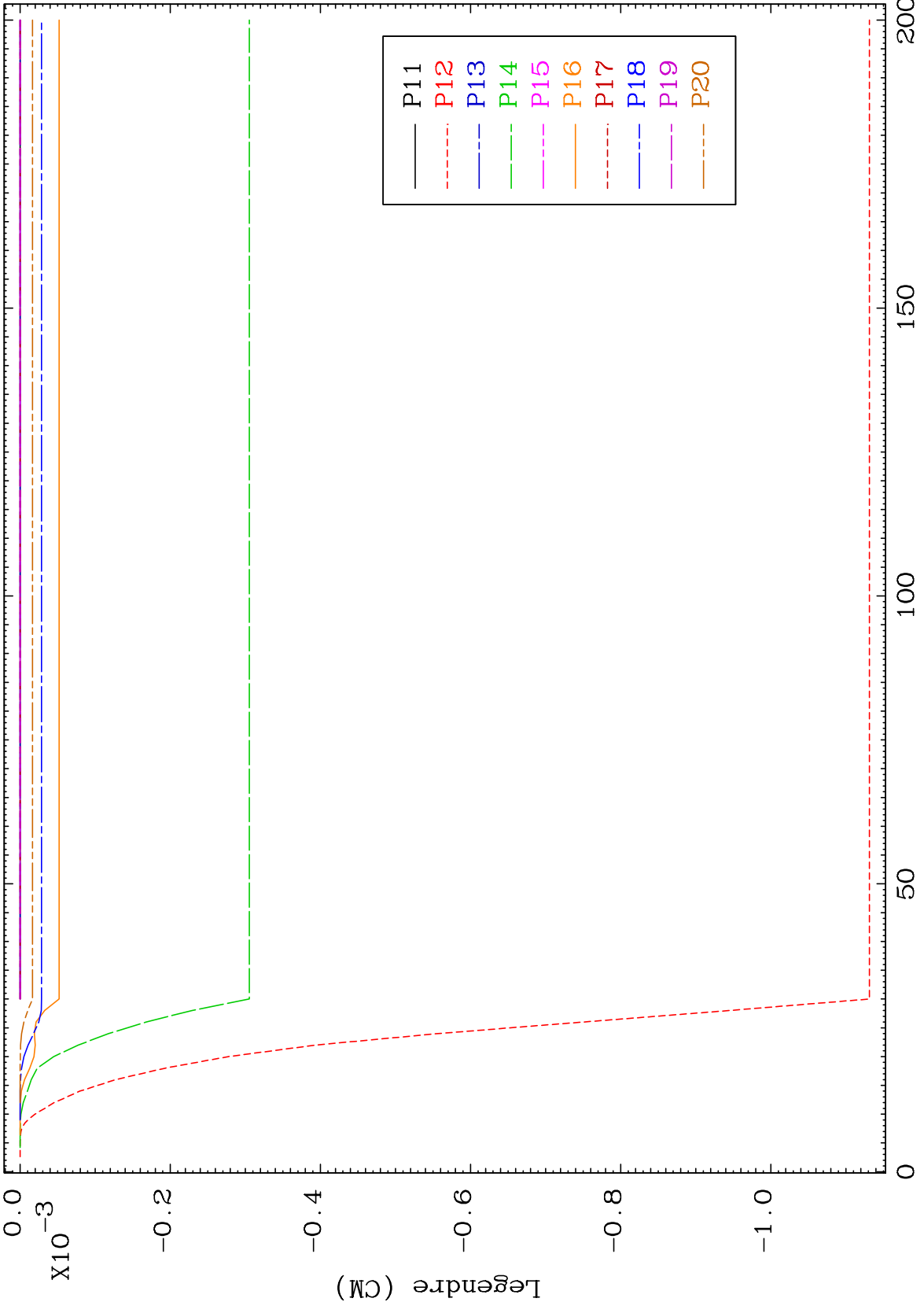
113 77-Ir-194

MAT 7734 MT= 78 (n,n') Level Legendre Coefficients 77-Ir-194



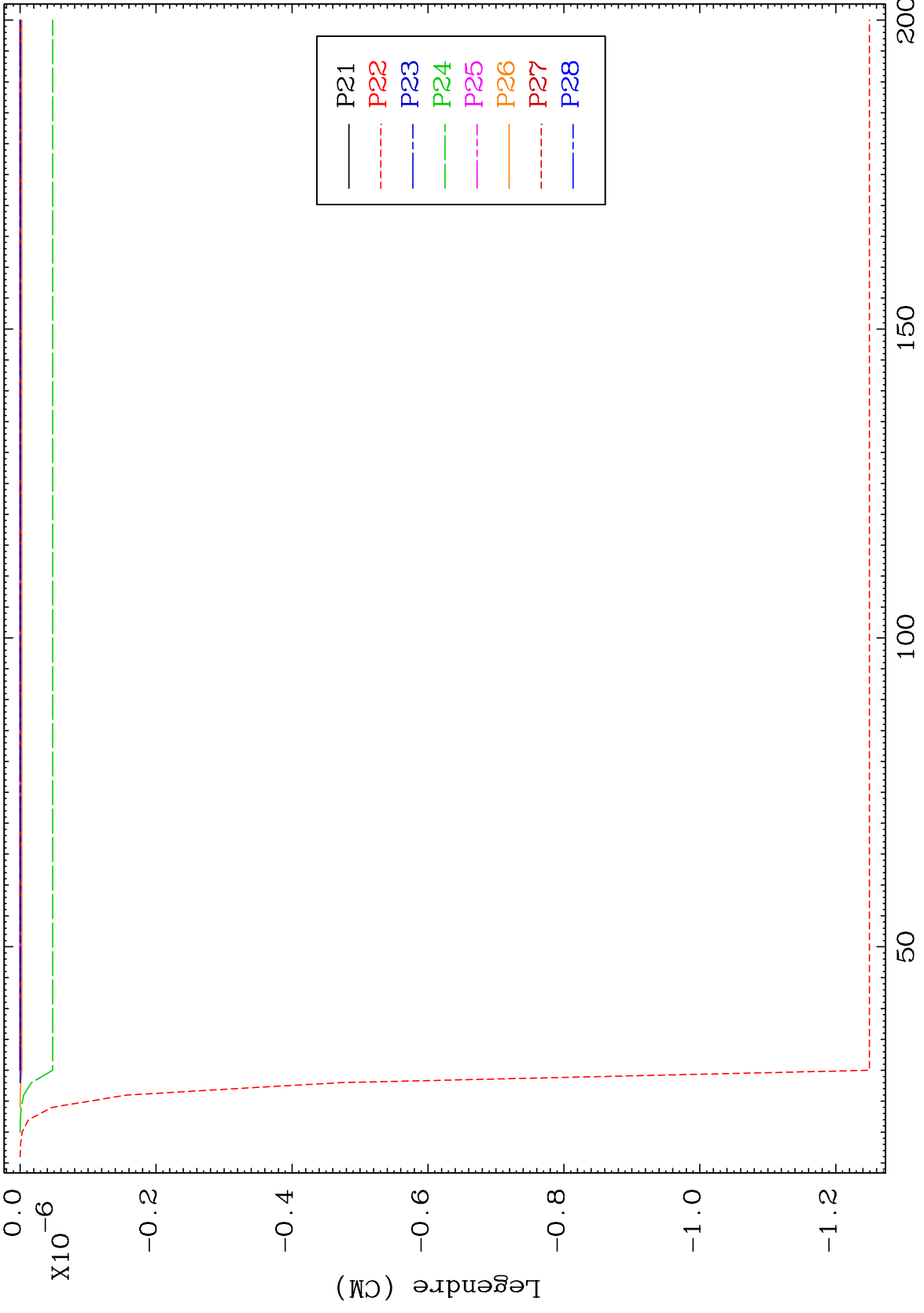
114 77-Ir-194

MAT 7734 MT= 78 (n,n') Level Legendre Coefficients 77-Ir-194



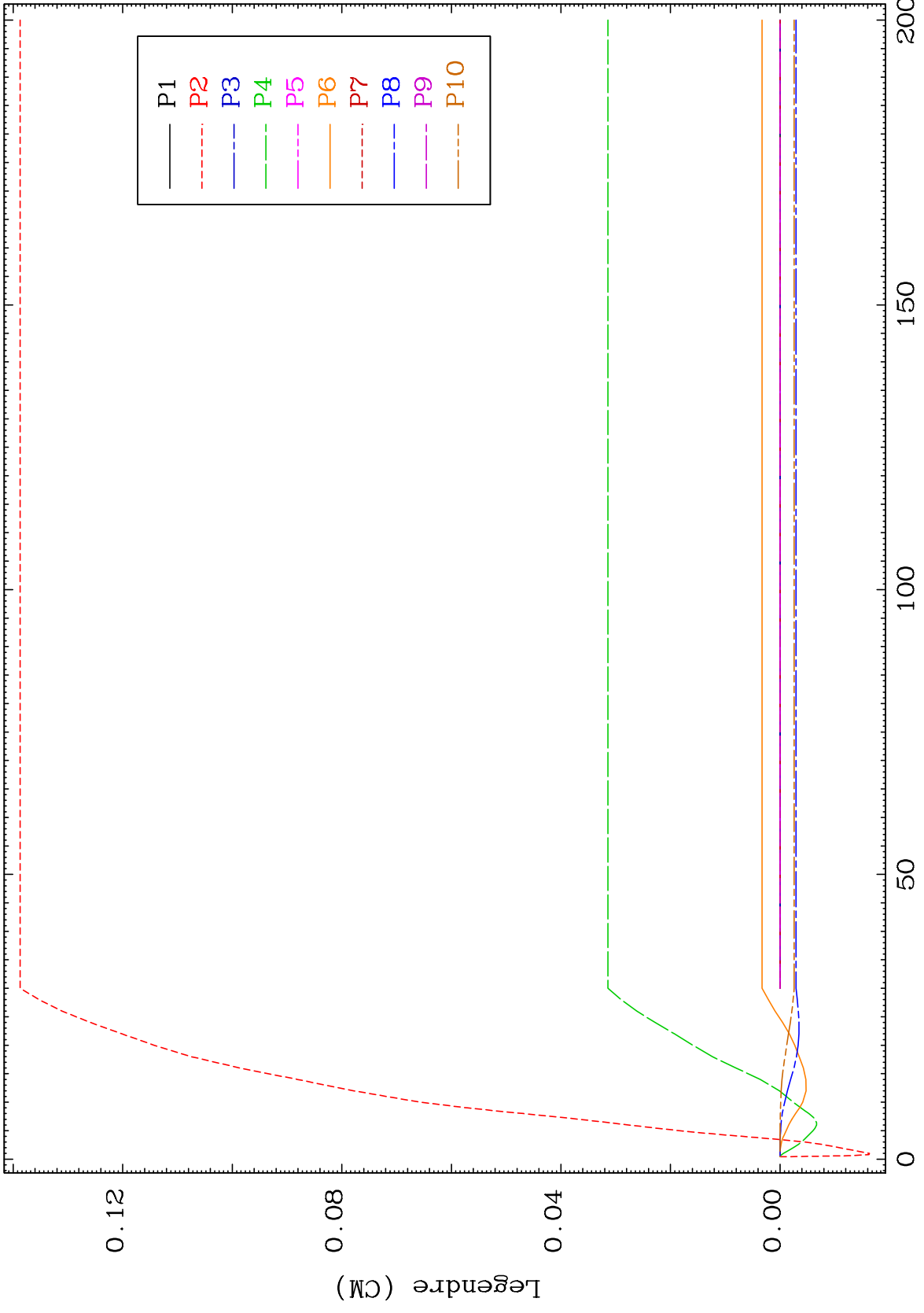
115 77-Ir-194

MAT 7734 MT= 78 (n,n') Level Legendre Coefficients 77-Ir-194



116 77-Ir-194

MAT 7734 MT= 79 (n,n') Level Legendre Coefficients 77-Ir-194

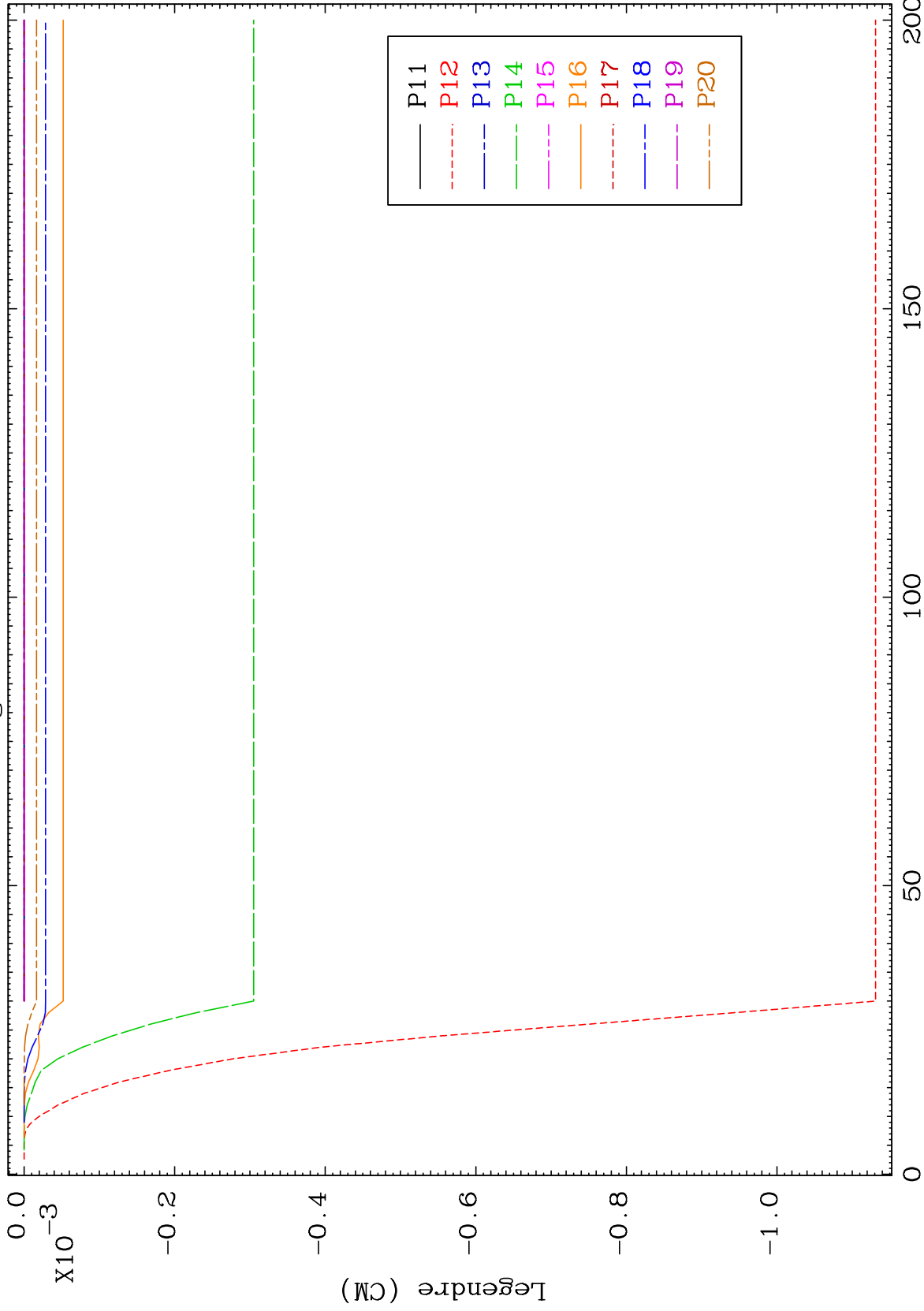


117 77-Ir-194

MAT 7734

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

77-Ir-194



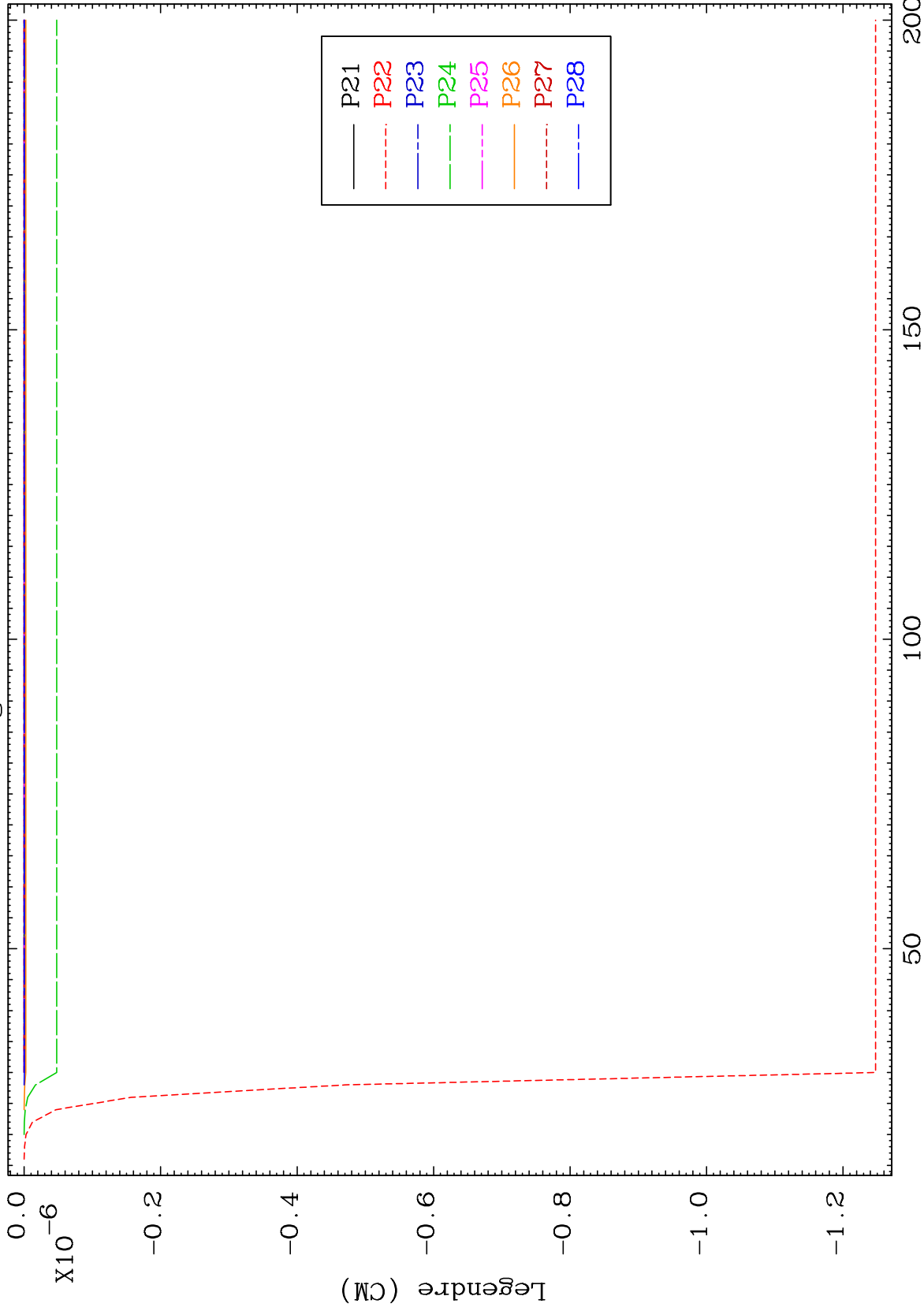
118

77-Ir-194

MAT 7734

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

77-Ir-194



119

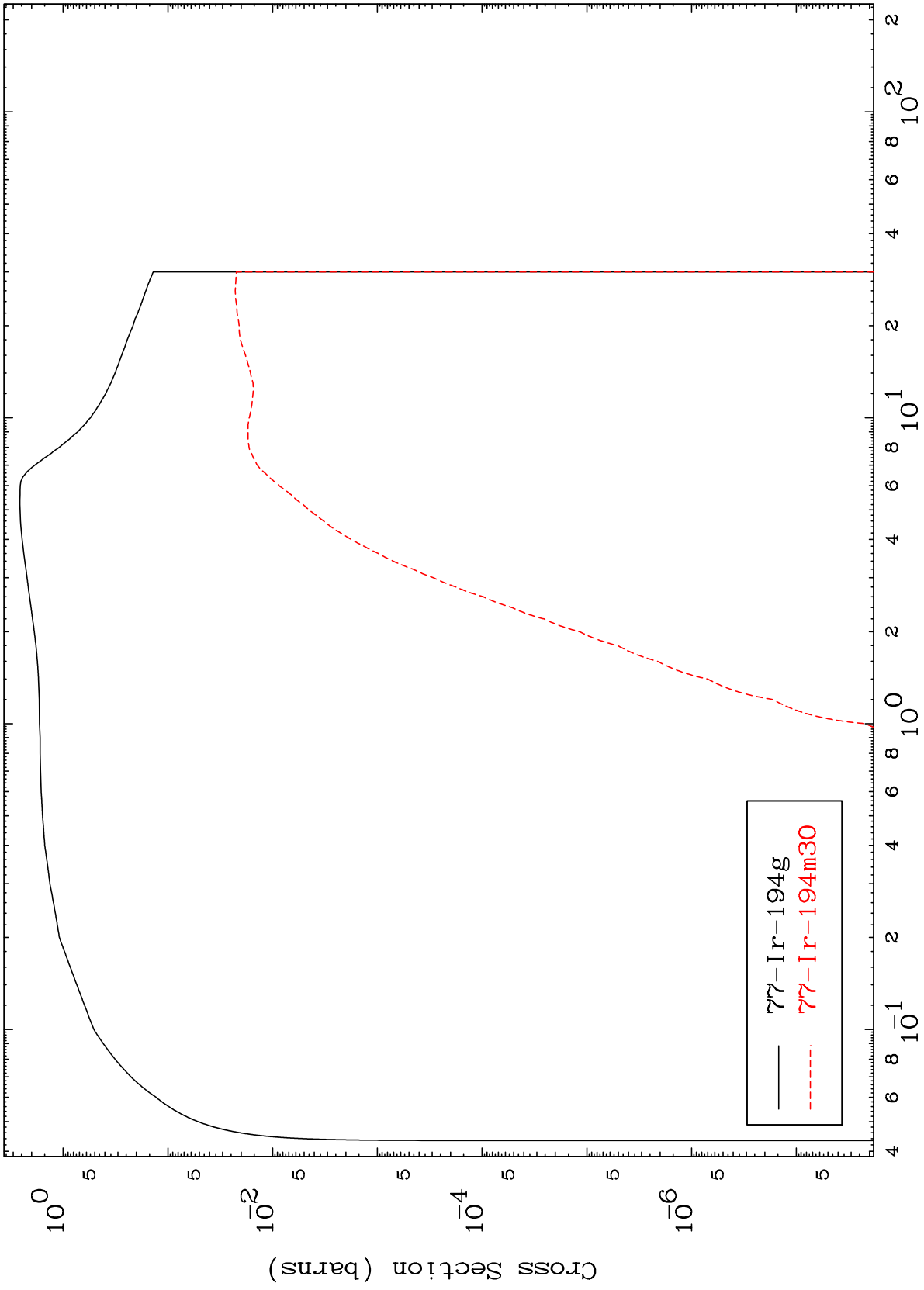
Incident Energy (MeV)

77-Ir-194

MAT 7734

Inelastic
Radionuclide Production Cross Section

77-Ir-194



120

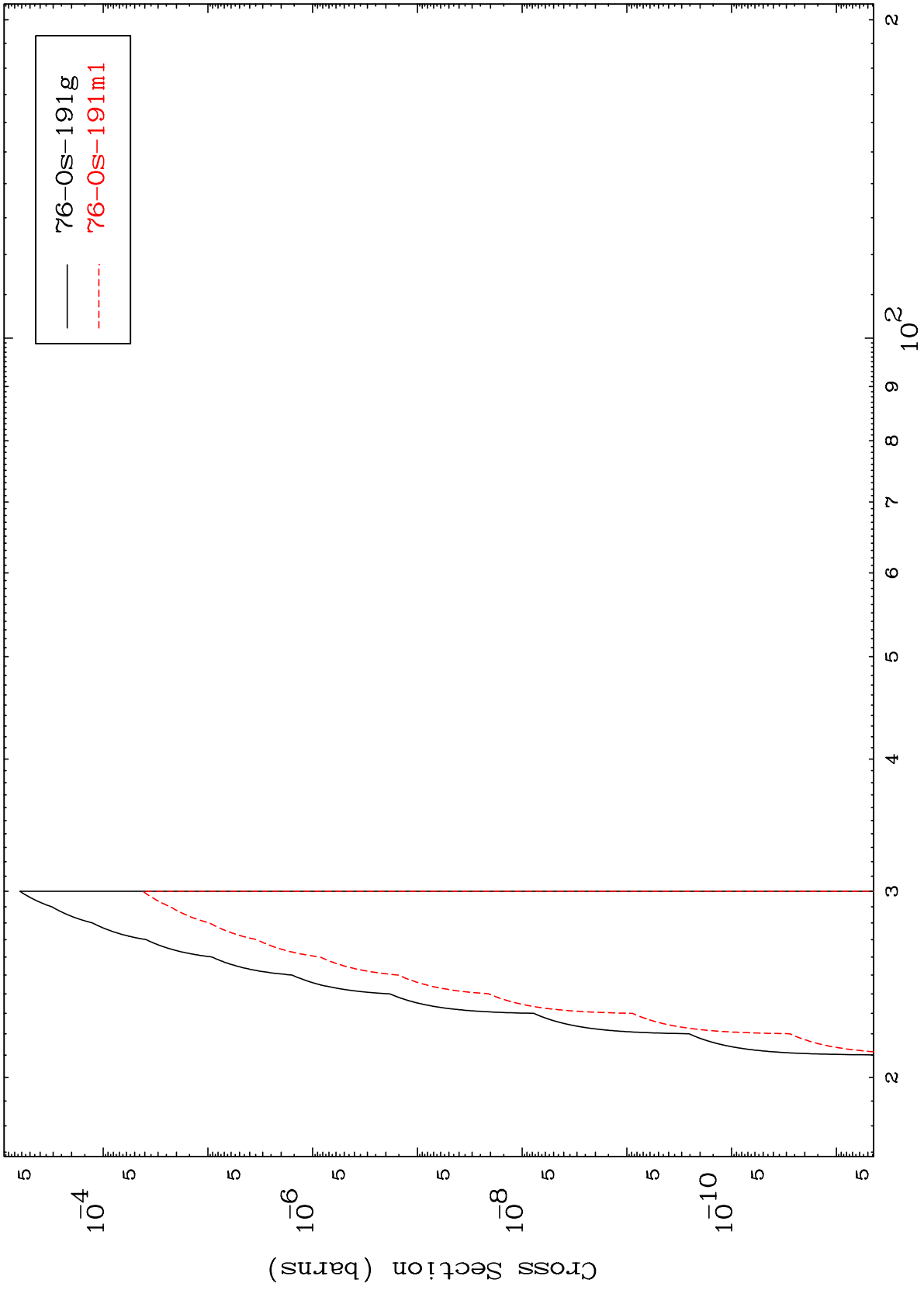
77-Ir-194

MAT 7734

(n,2n) d

77-Ir-194

Radionuclide Production Cross Section



121

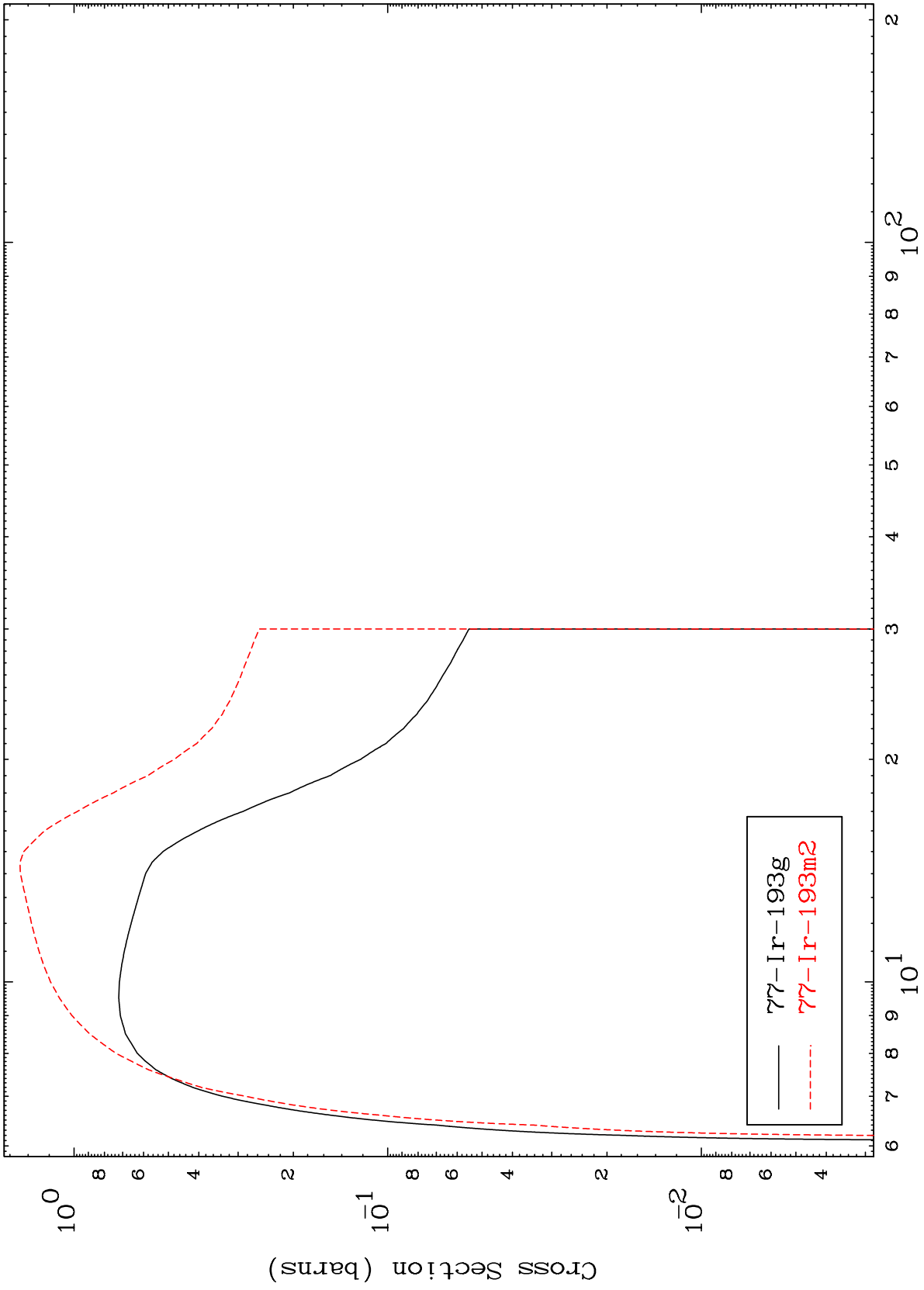
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

(n,2n)
Radionuclide Production Cross Section



122

Incident Energy (MeV)

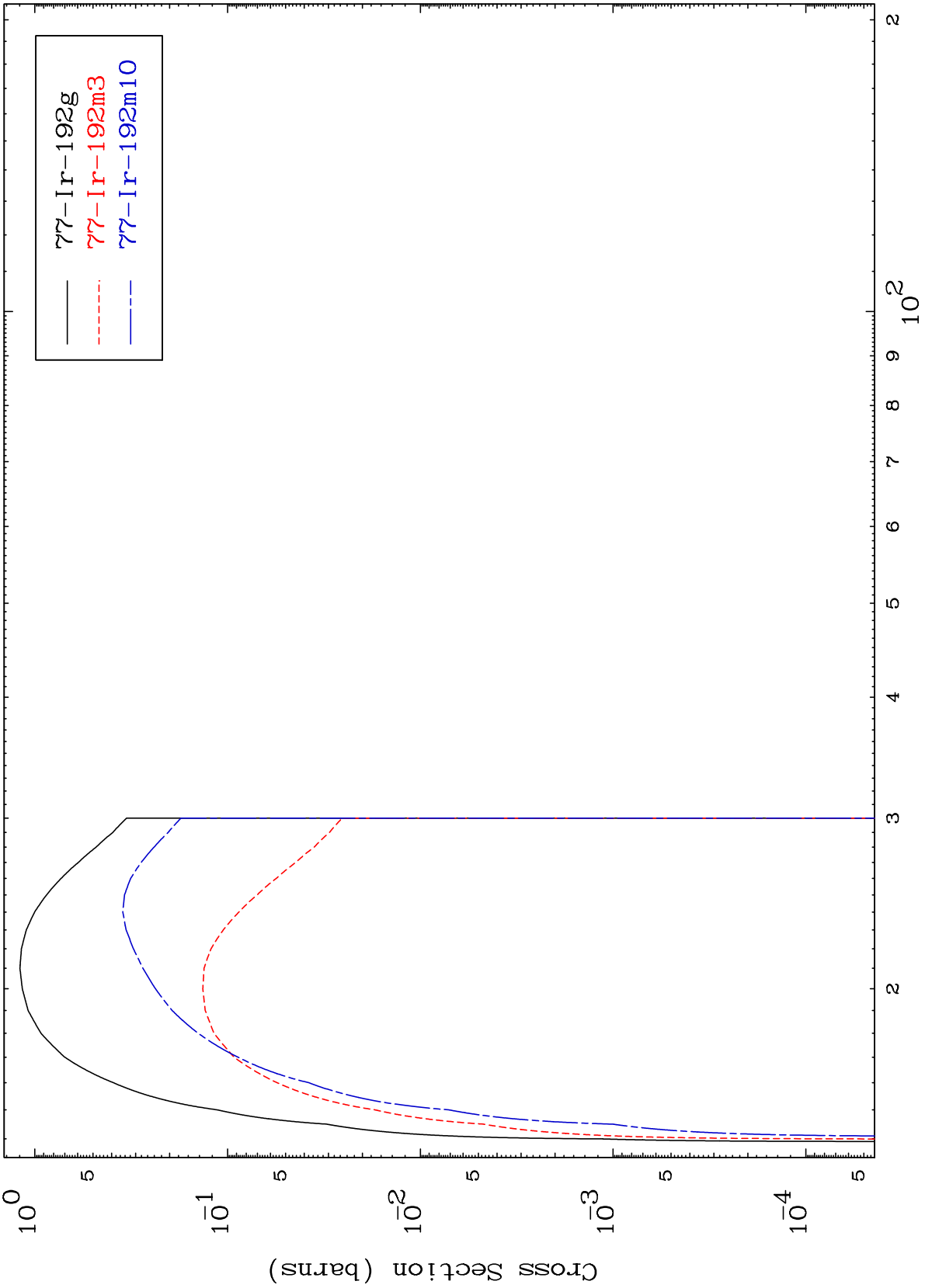
77-Ir-194

MAT 7734

(n,3n)

77-Ir-194

Radionuclide Production Cross Section



123

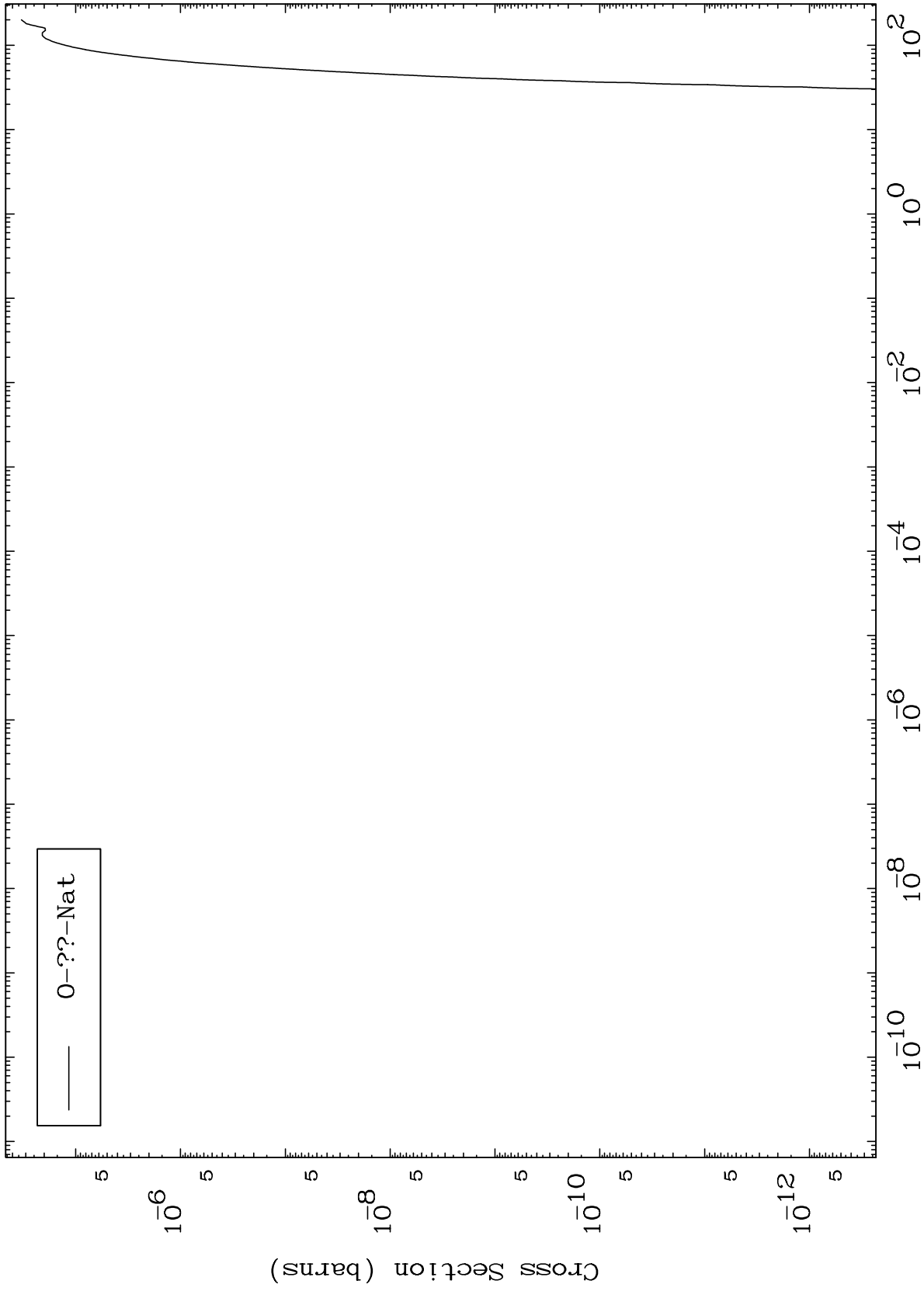
Incident Energy (MeV)

77-Ir-194

MAT 7734

Fission
Radionuclide Production Cross Section

77-Ir-194



124

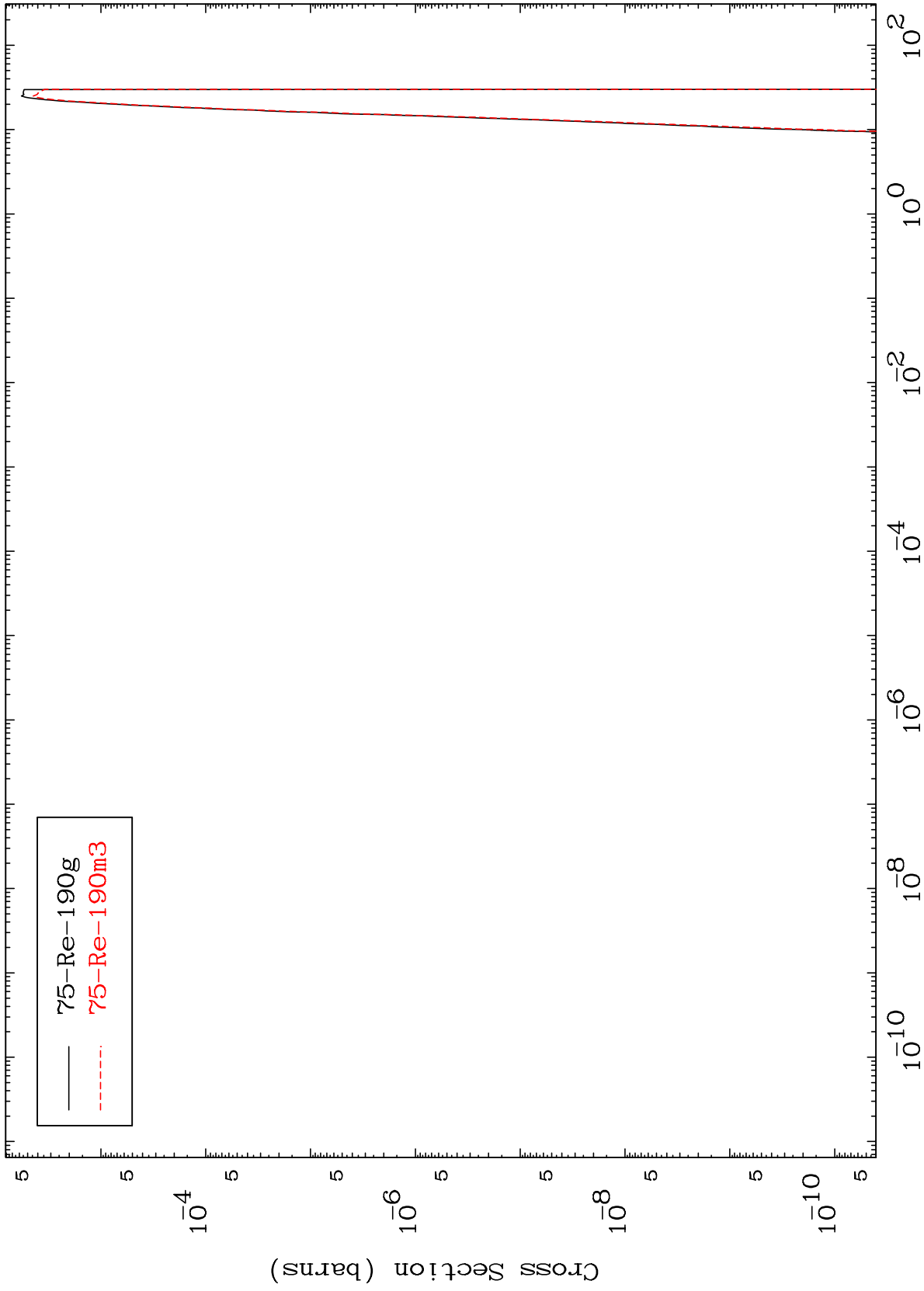
77-Ir-194

MAT 7734

(n,n') α

77-Ir-194

Radionuclide Production Cross Section



125

Incident Energy (MeV)

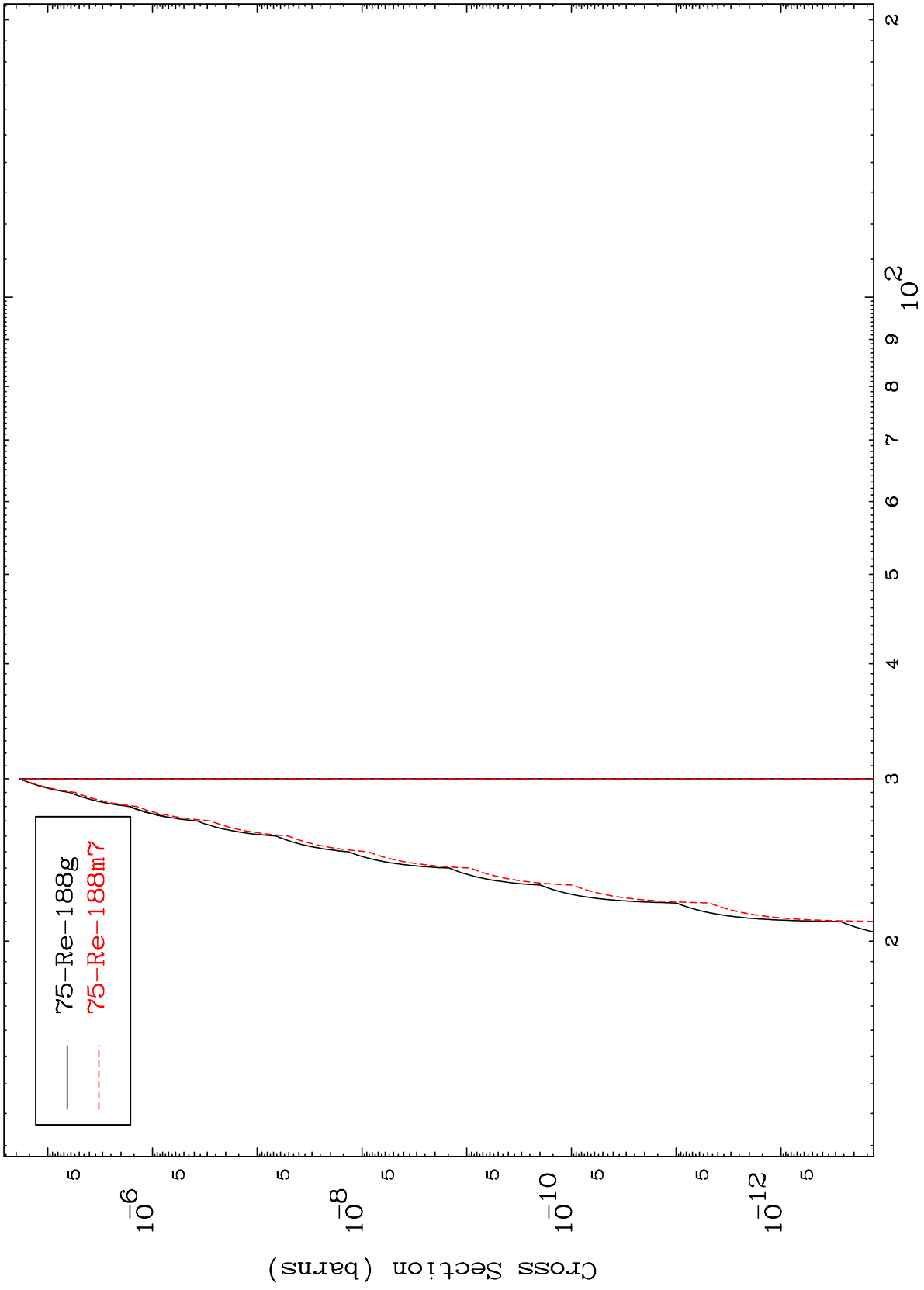
77-Ir-194

MAT 7734

(n,3n) α

77-Ir-194

Radionuclide Production Cross Section



126

Incident Energy (MeV)

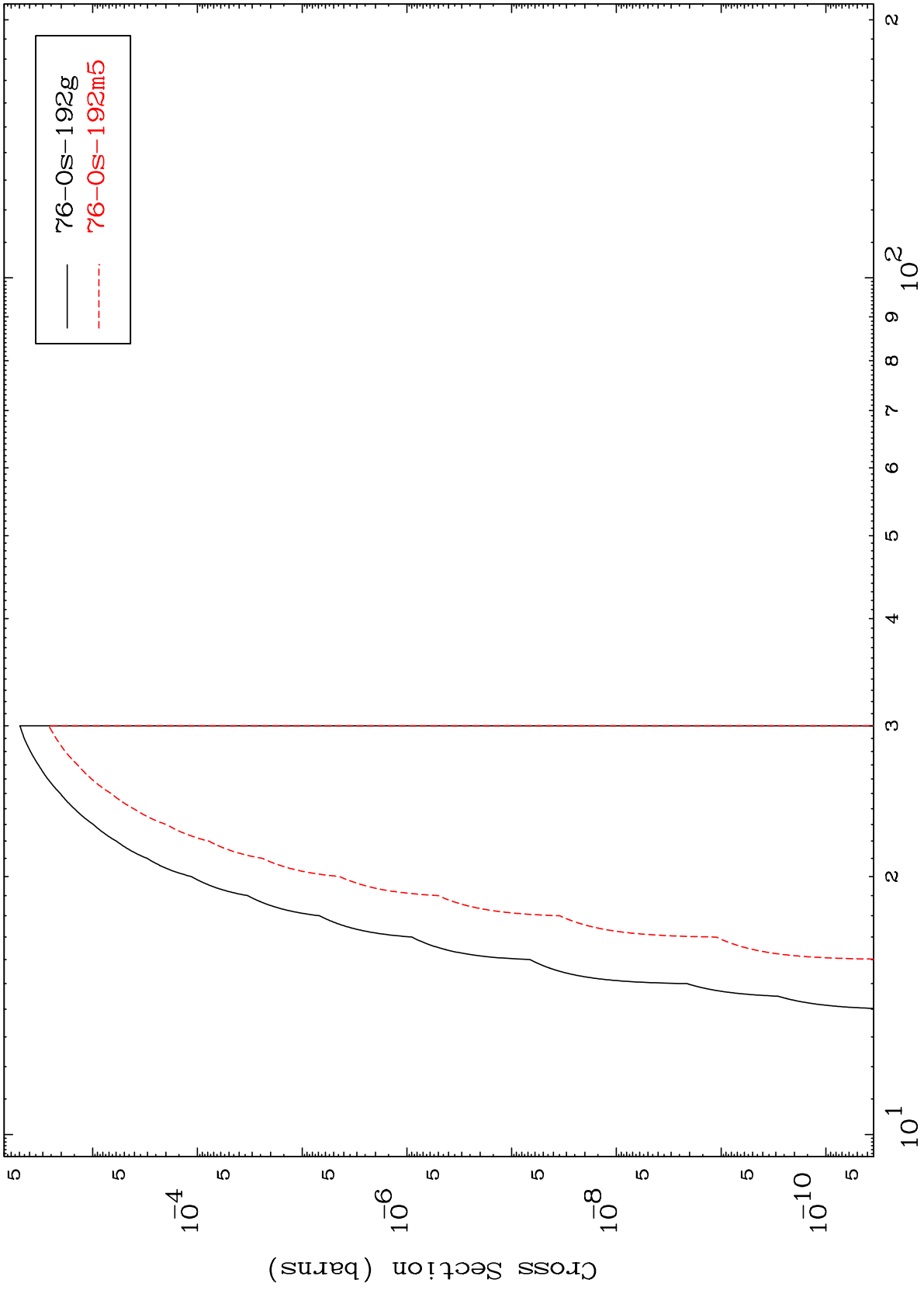
77-Ir-194

MAT 7734

(n,n') d

77-Ir-194

Radionuclide Production Cross Section



127

Incident Energy (MeV)

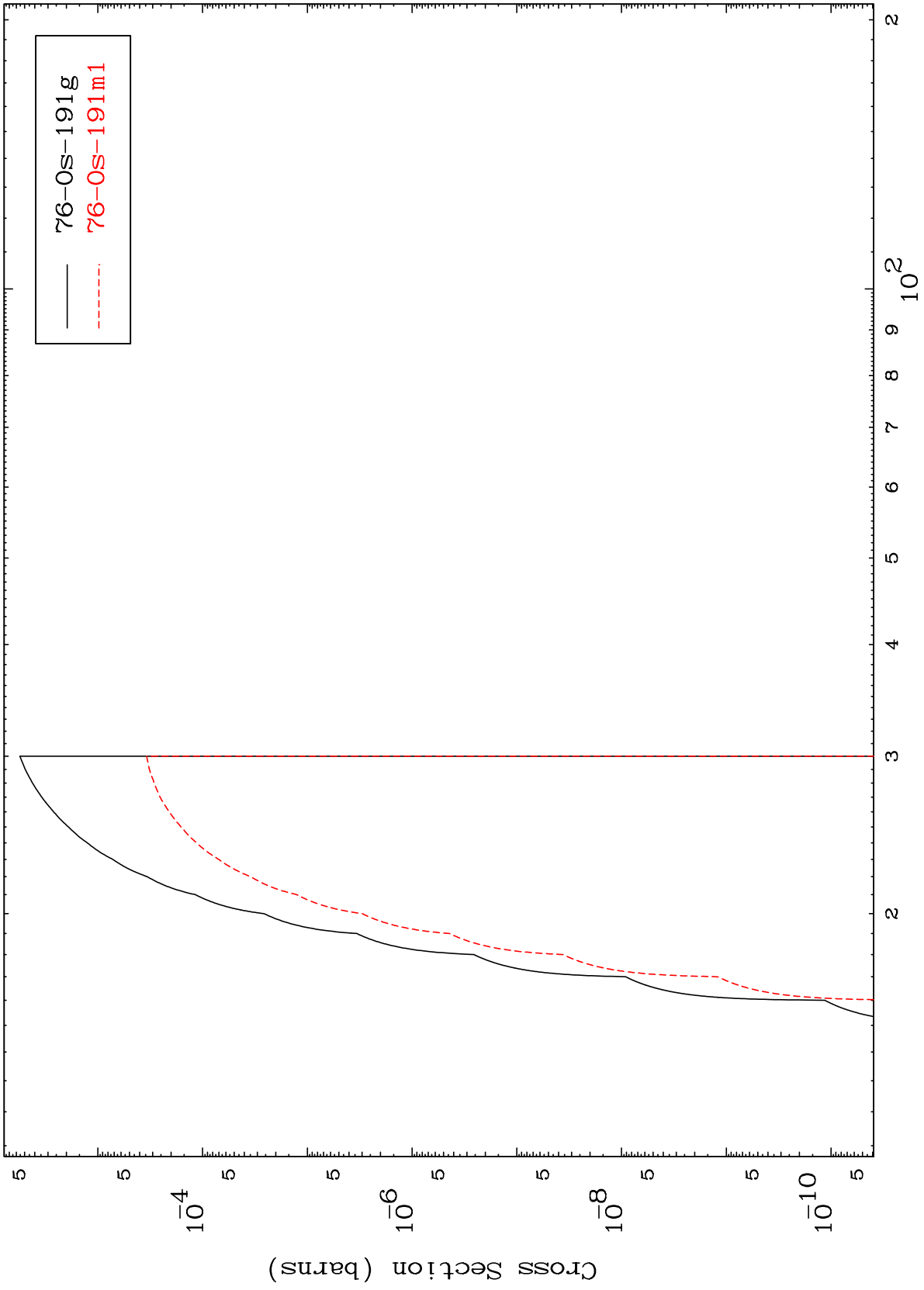
77-Ir-194

MAT 7734

(n,n') t

77-Ir-194

Radionuclide Production Cross Section



128

Incident Energy (MeV)

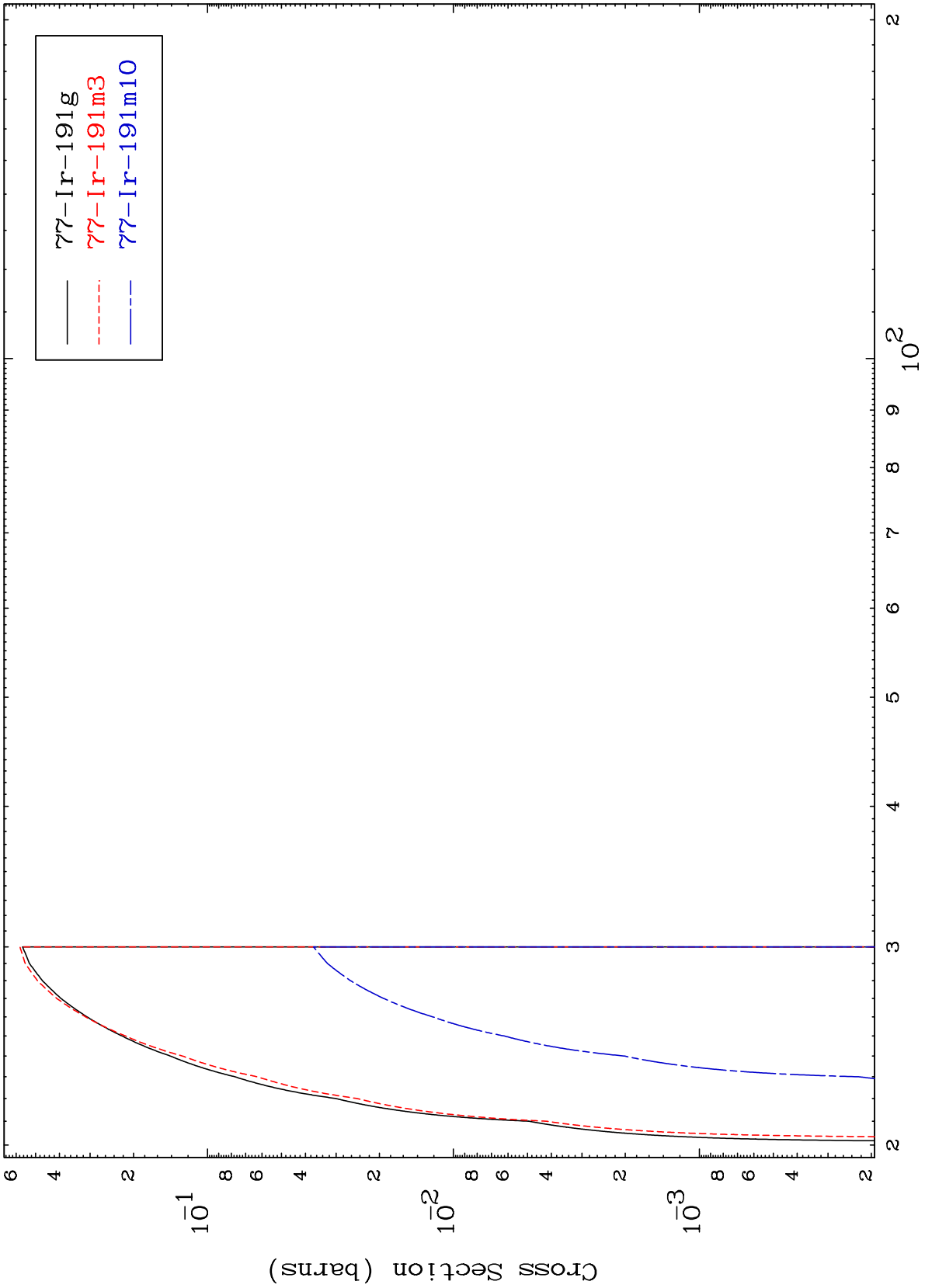
77-Ir-194

MAT 7734

(n,4n)

77-Ir-194

Radionuclide Production Cross Section



129

Incident Energy (MeV)

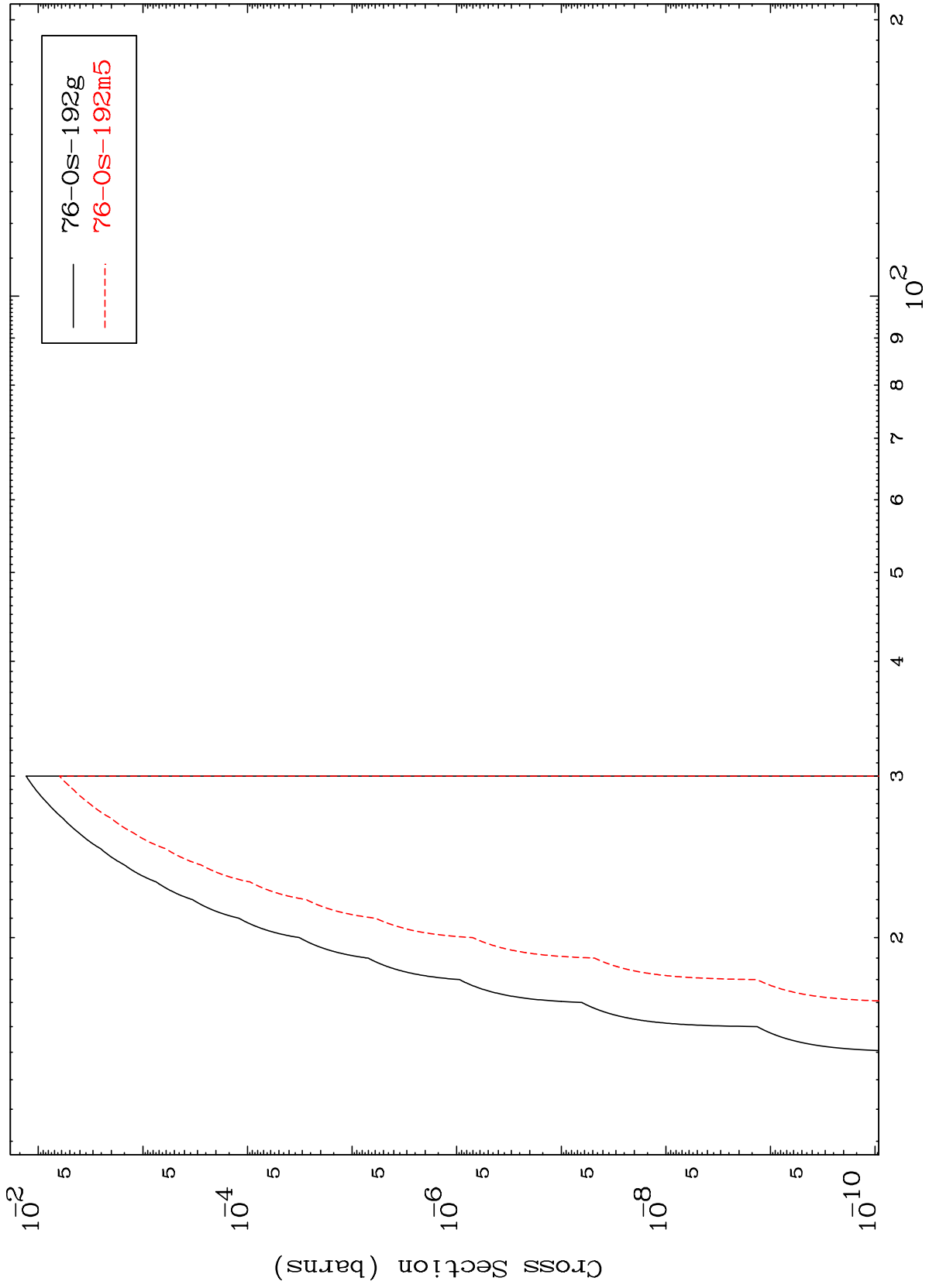
77-Ir-194

MAT 7734

(n,2n) p

77-Ir-194

Radionuclide Production Cross Section



76-Os-192g
76-Os-192m5

130

Incident Energy (MeV)

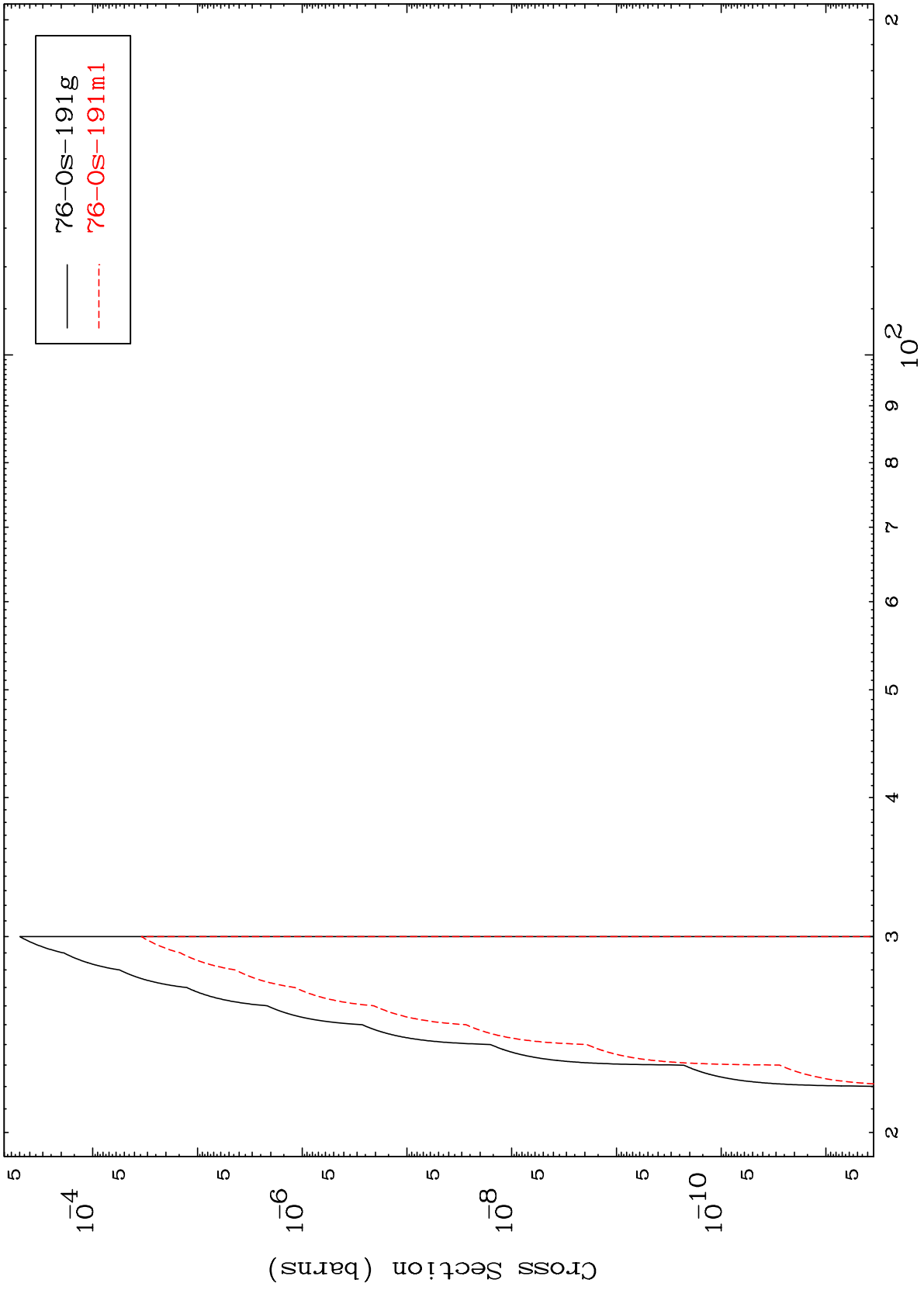
77-Ir-194

MAT 7734

(n,3n) p

77-Ir-194

Radionuclide Production Cross Section



131

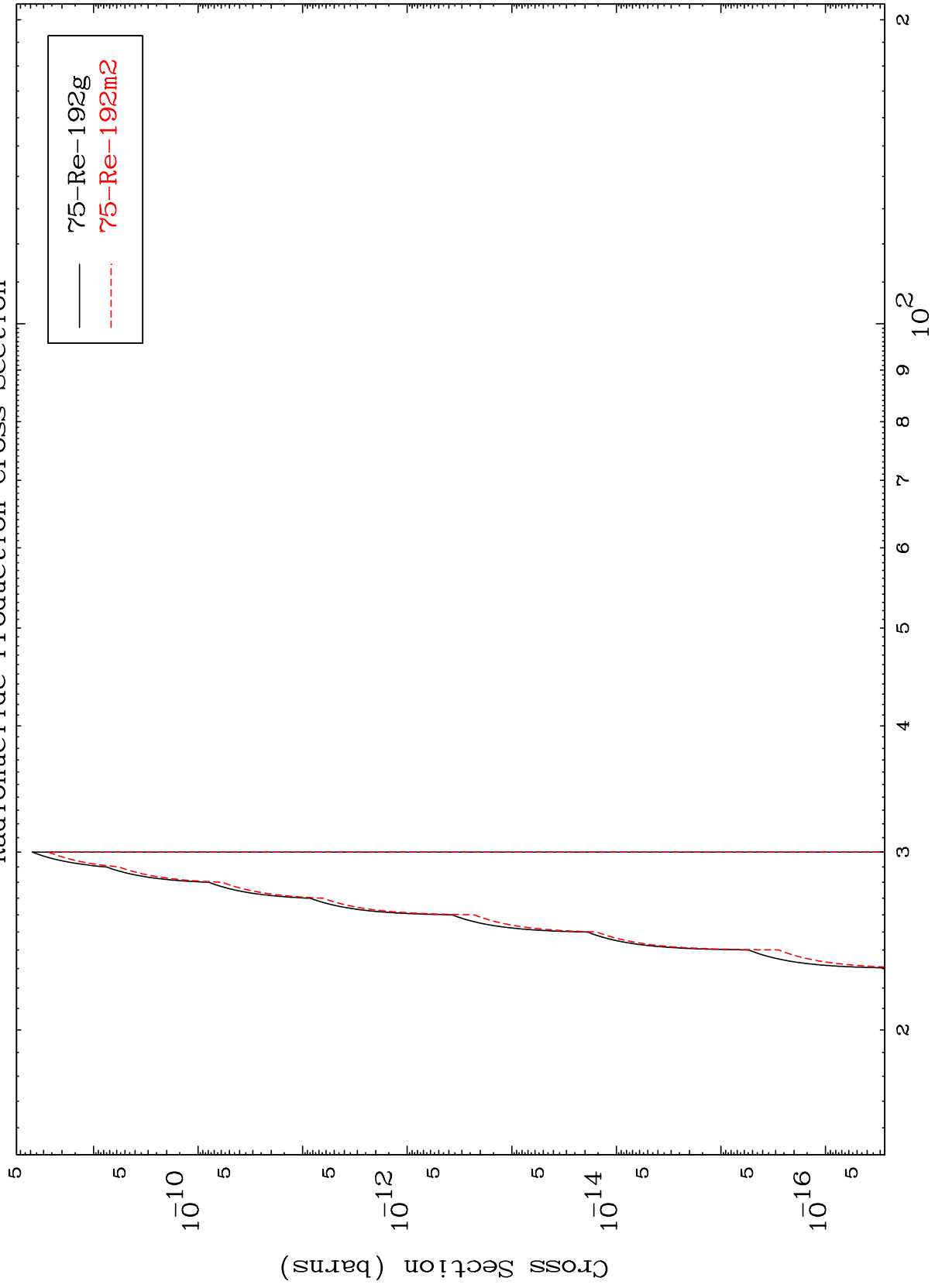
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

(n,2n) p
Radionuclide Production Cross Section



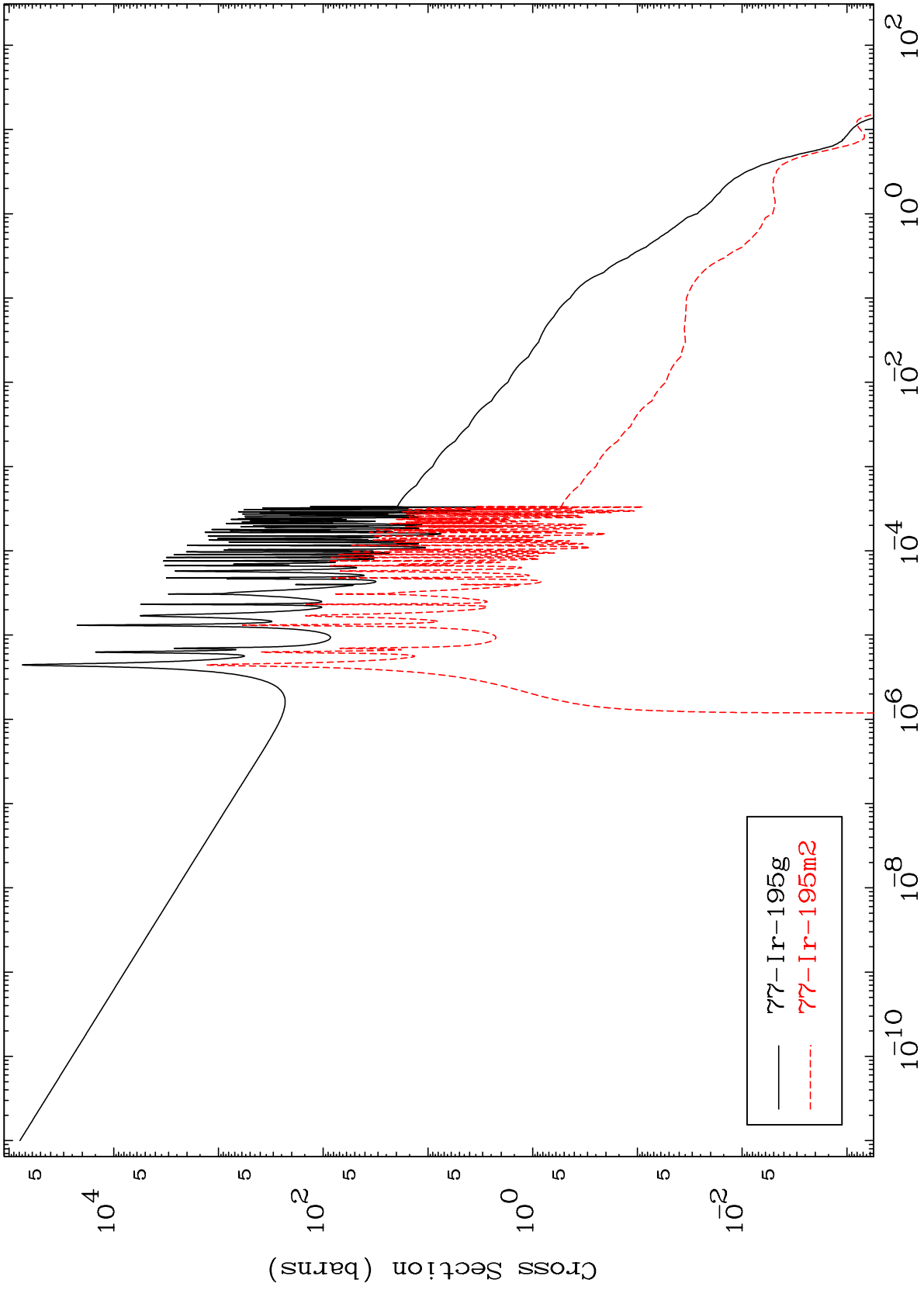
132

77-Ir-194

MAT 7734

77-Ir-194

(n,γ)
Radionuclide Production Cross Section



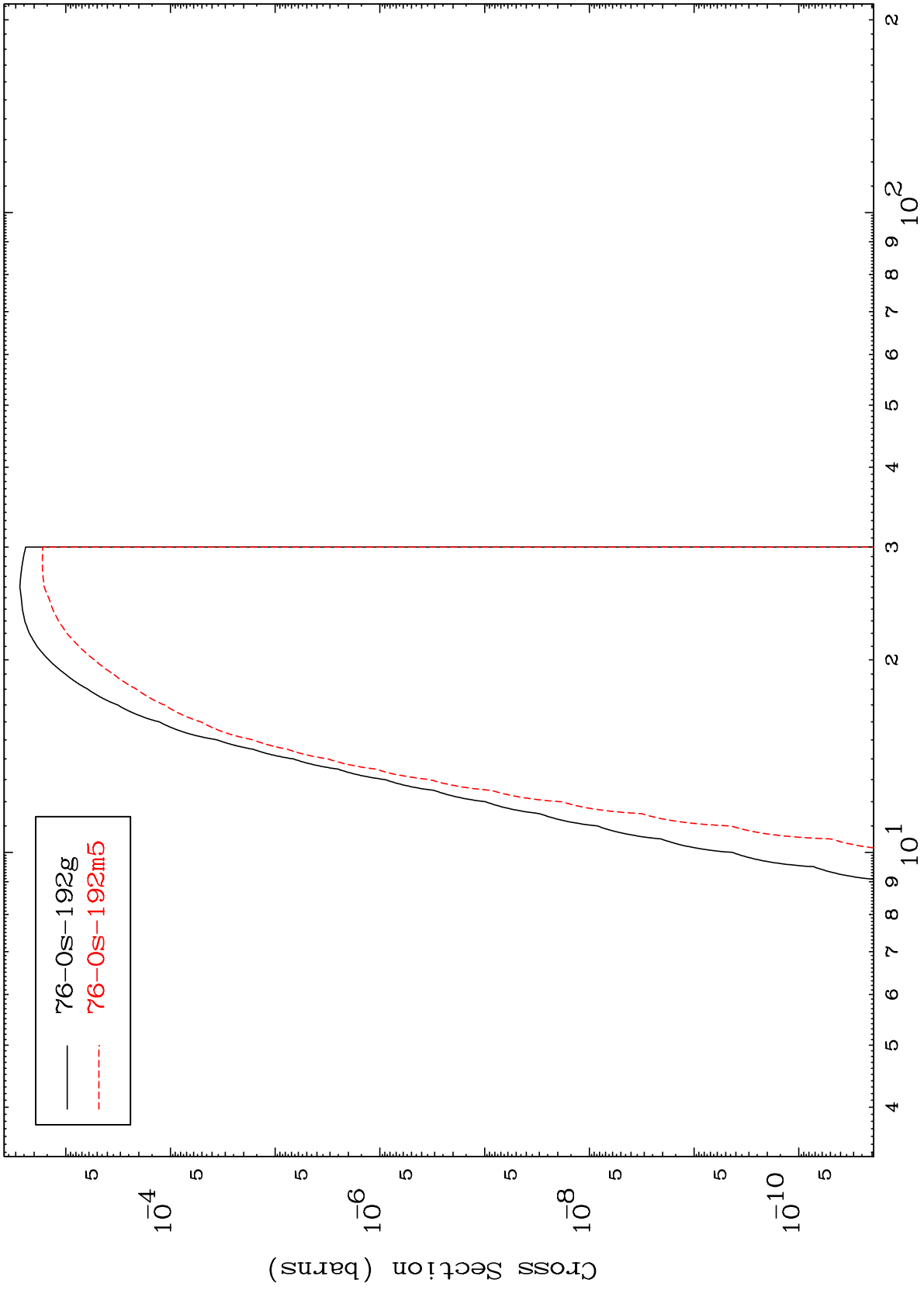
133

77-Ir-194

MAT 7734

77-Ir-194

Radionuclide Production Cross Section



134

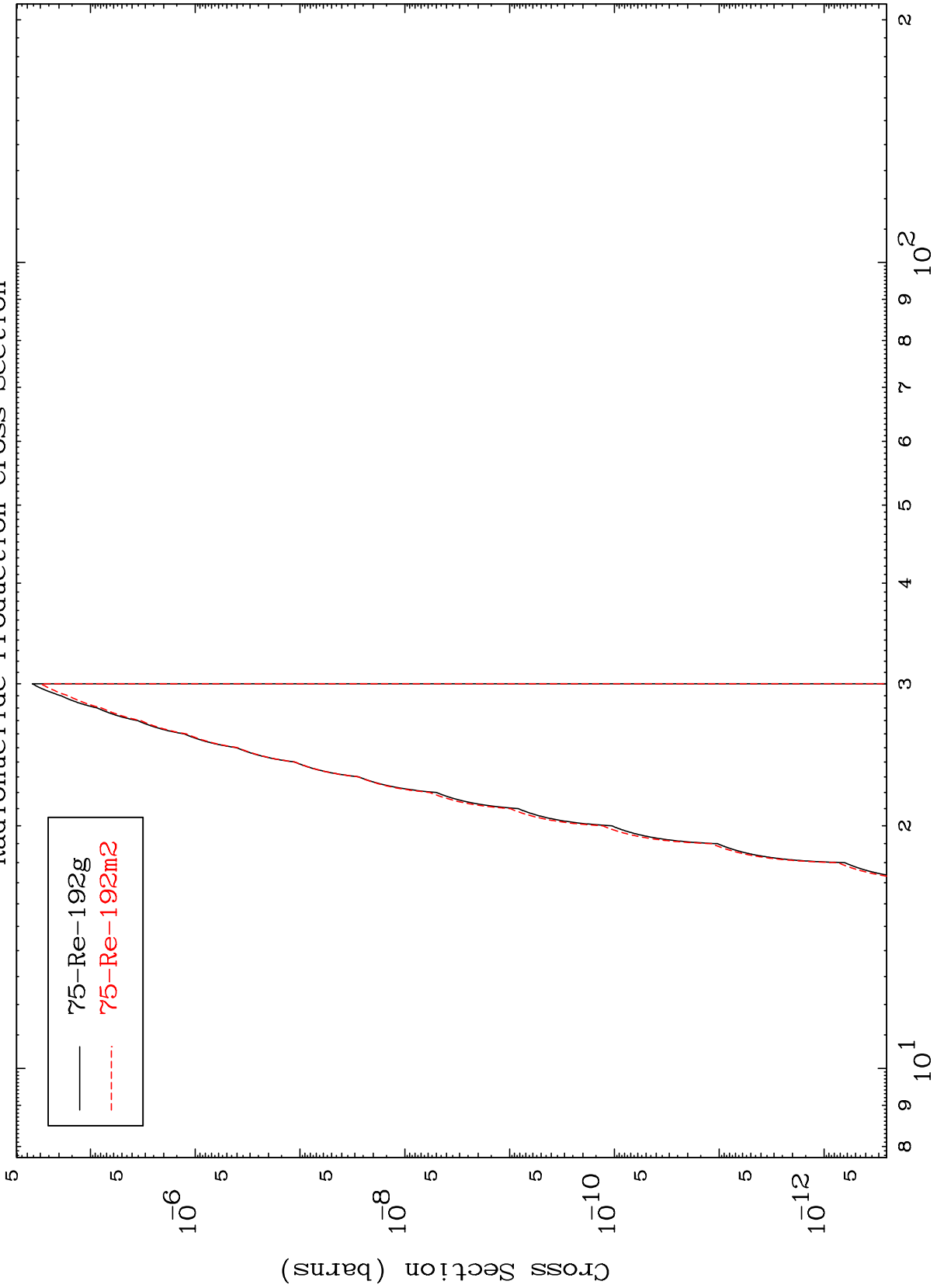
77-Ir-194

MAT 7734

(n, He-3)

77-Ir-194

Radionuclide Production Cross Section



75-Re-192g
75-Re-192m2

135

Incident Energy (MeV)

77-Ir-194