

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

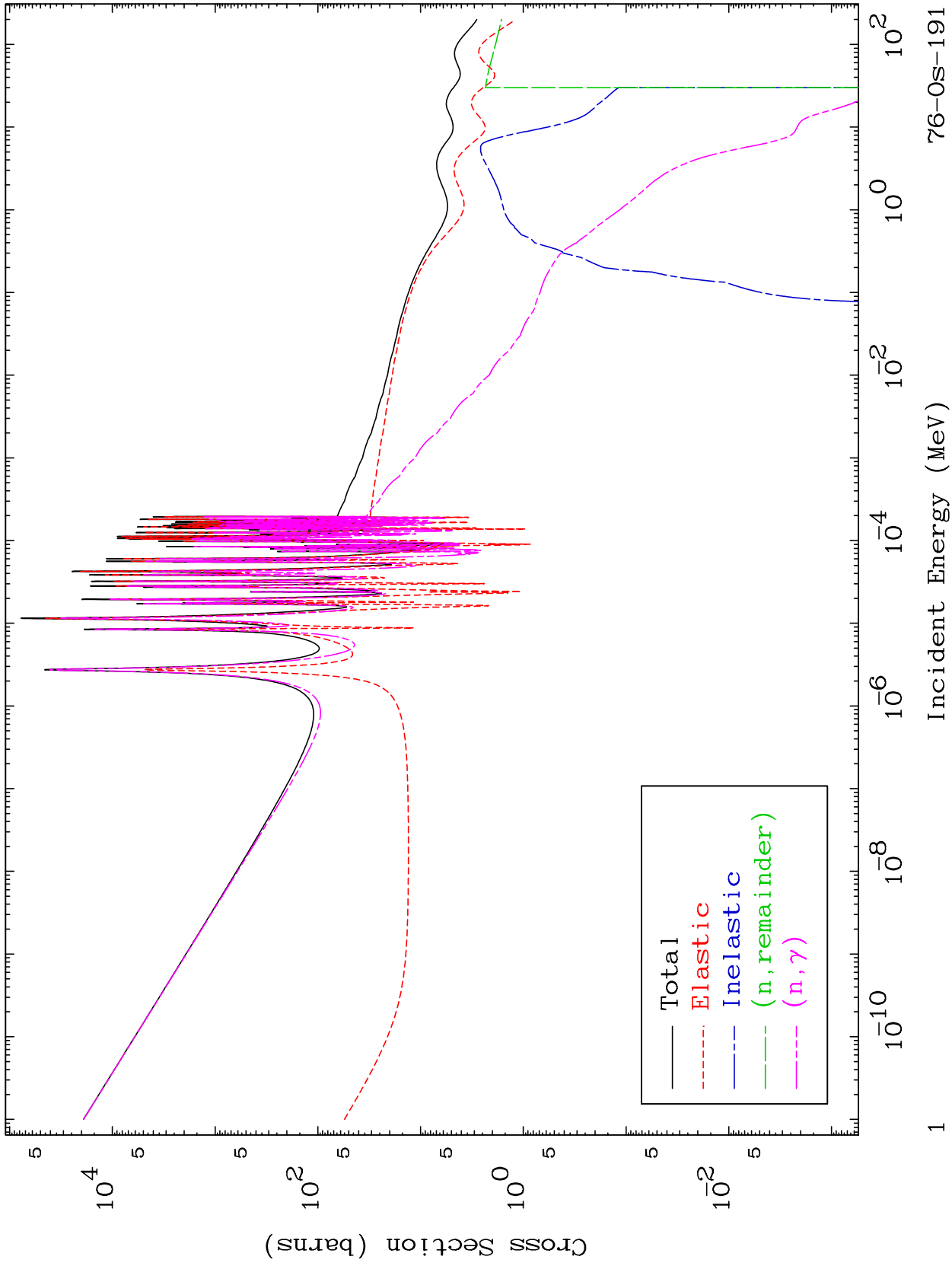
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7646

Major
293 Kelvin Cross Sections

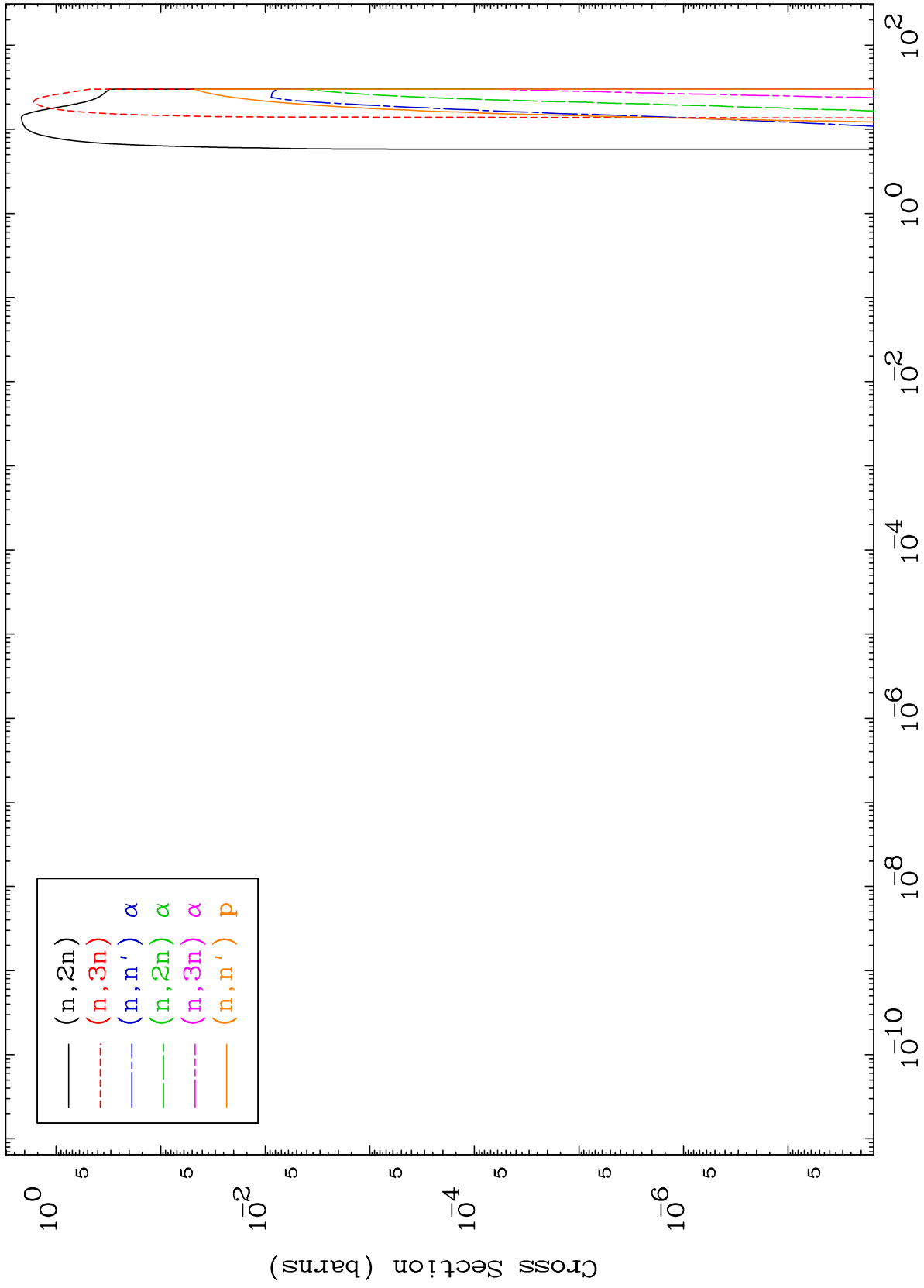
76-Os-191



MAT 7646

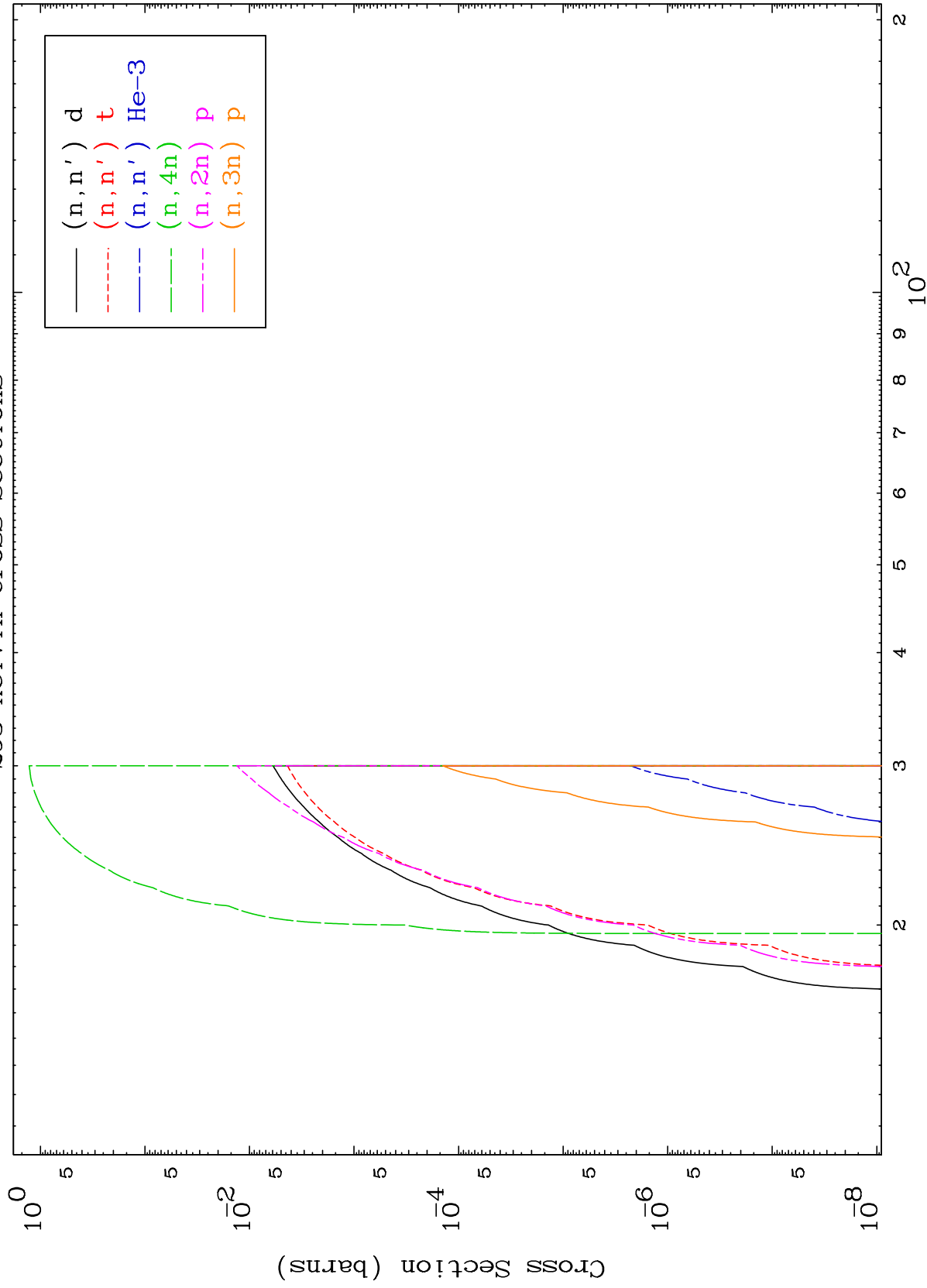
Neutron Production
293 Kelvin Cross Sections

76-Os-191



2

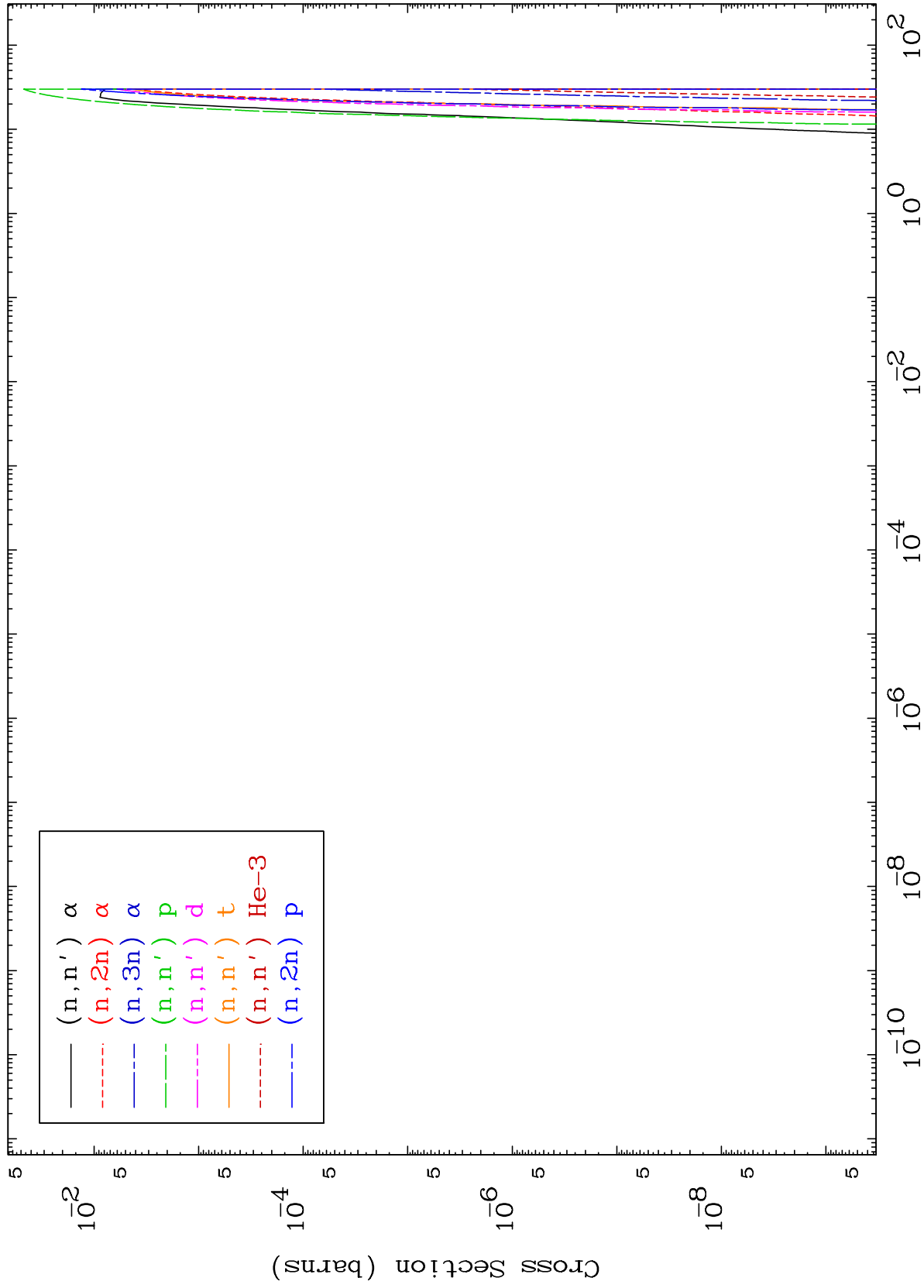
76-Os-191



MAT 7646

Charged Particle
293 Kelvin Cross Sections

76-Os-191

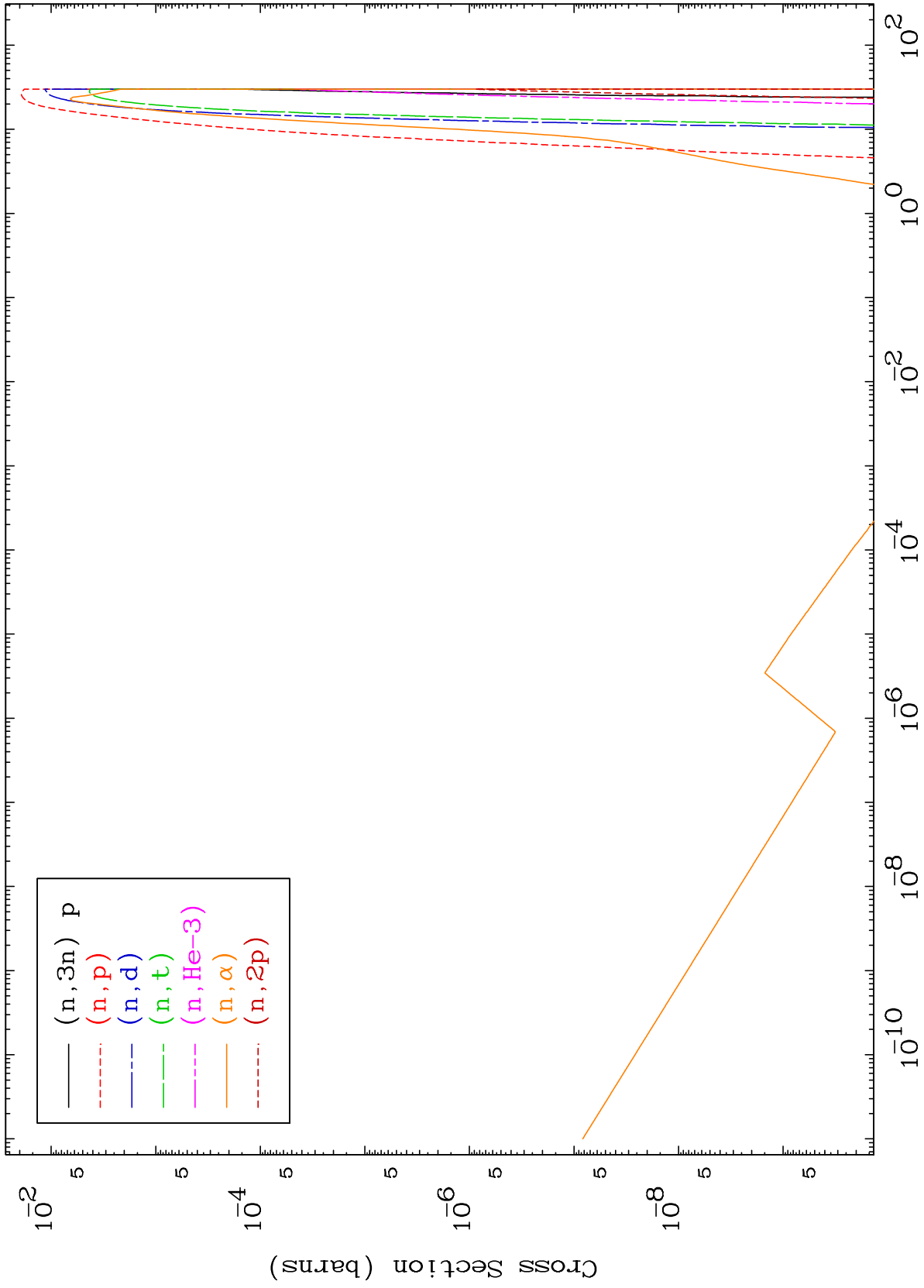


76-Os-191

MAT 7646

Charged Particle
293 Kelvin Cross Sections

76-Os-191



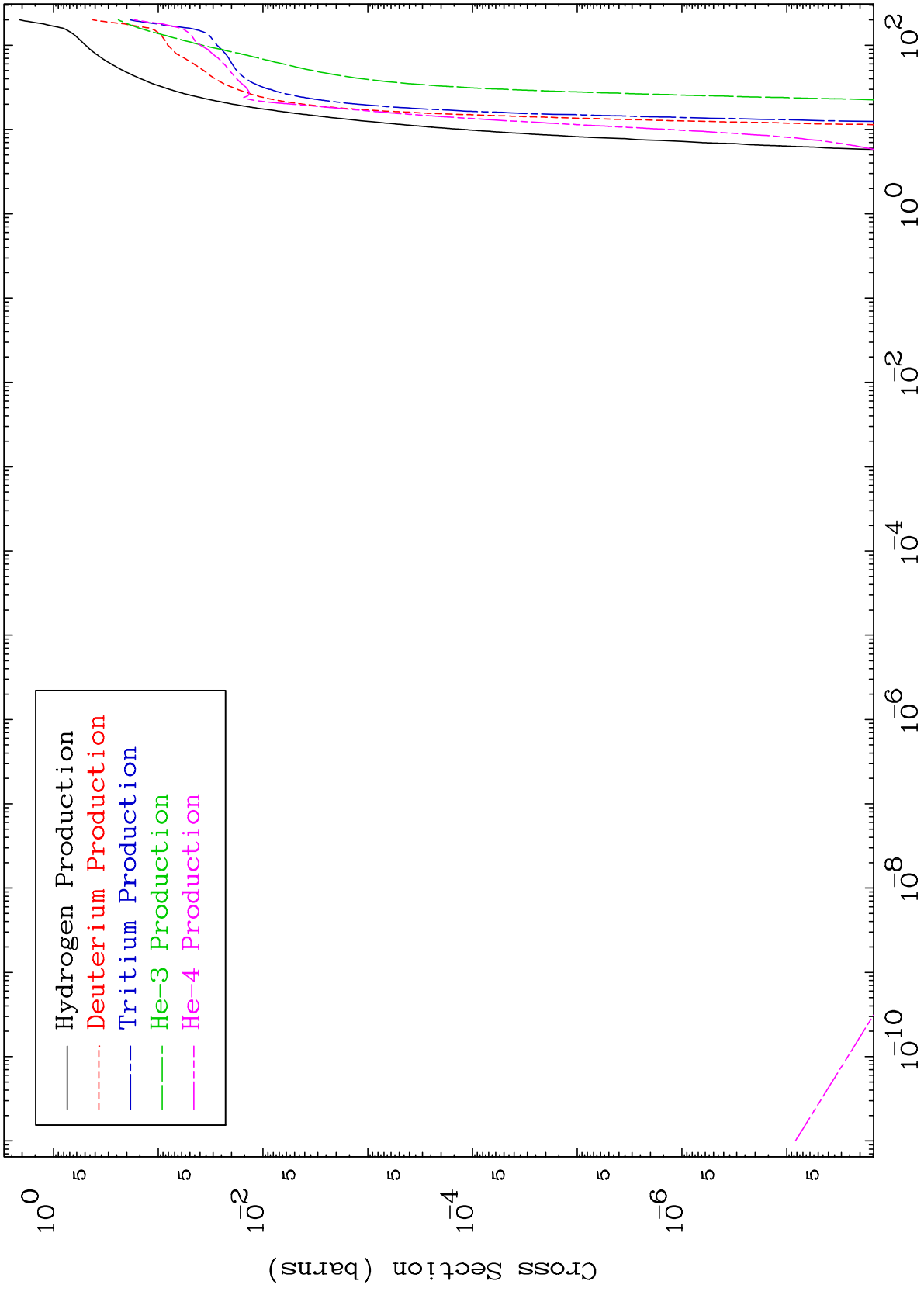
5

76-Os-191

MAT 7646

Particle Production
293 Kelvin Cross Sections

76-Os-191



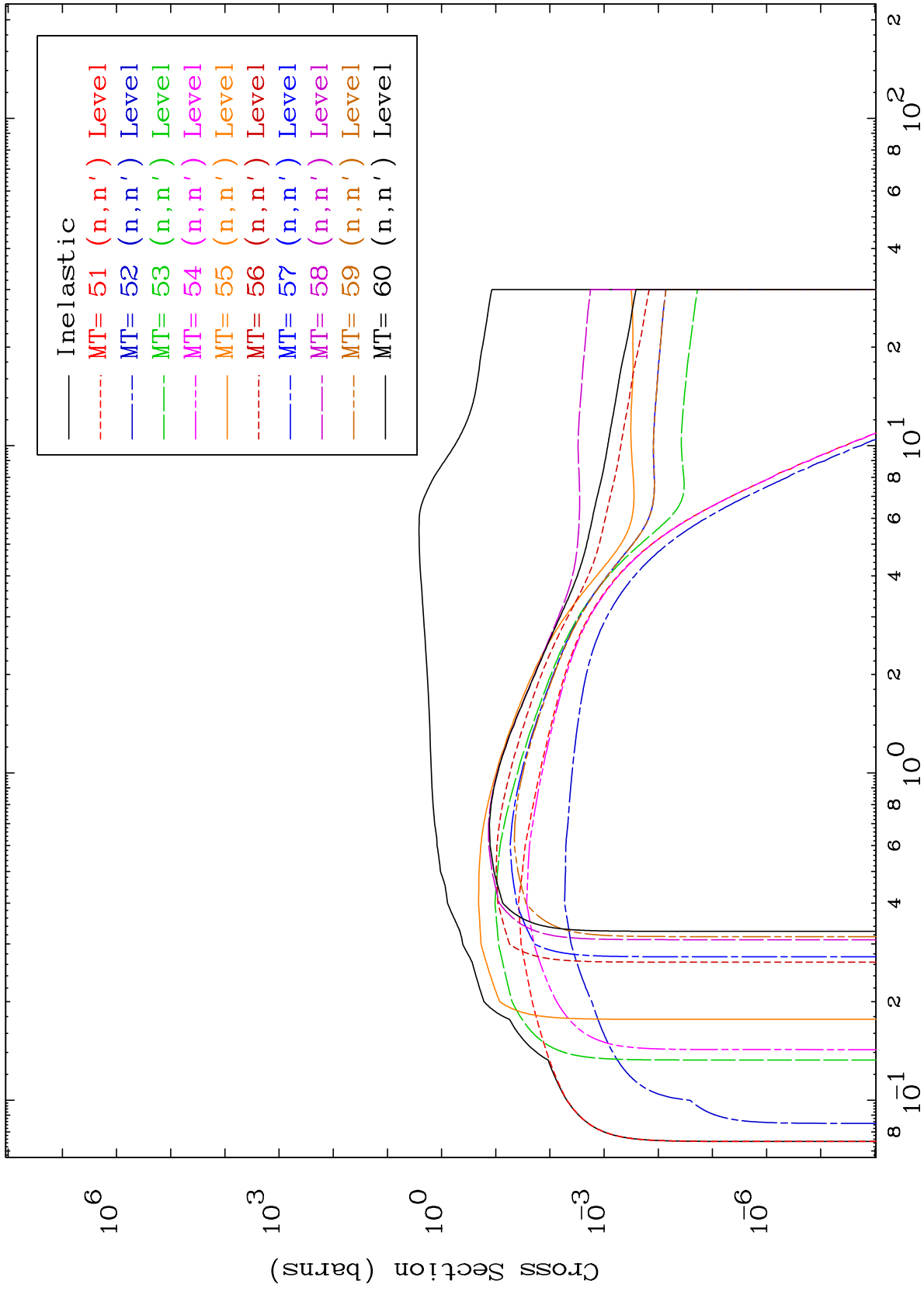
76-Os-191

MAT 7646

(n,n') Level

76-Os-191

293 Kelvin Cross Sections



7

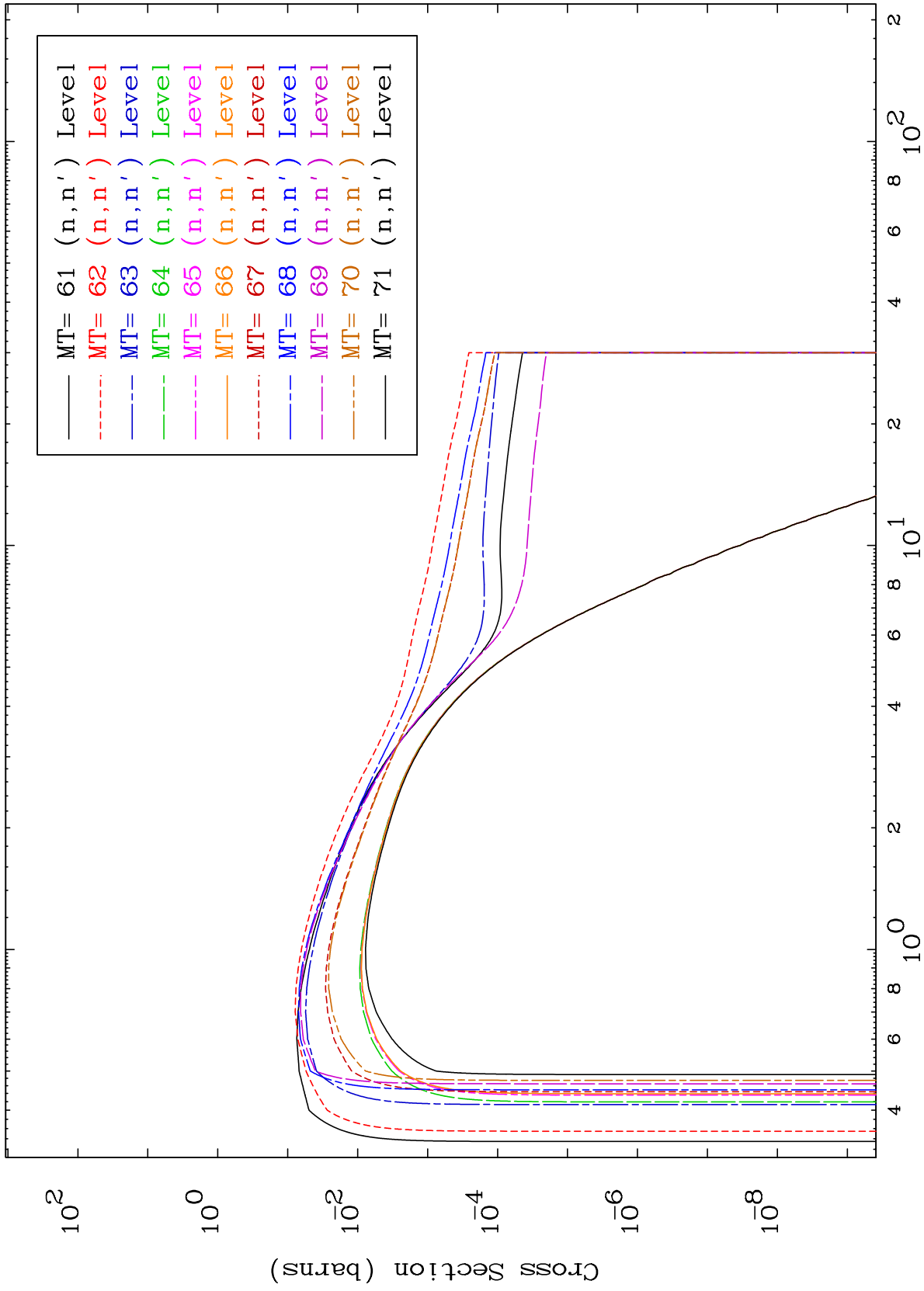
Incident Energy (MeV)

76-Os-191

MAT 7646

(n,n') Level
293 Kelvin Cross Sections

76-Os-191



8

Incident Energy (MeV)

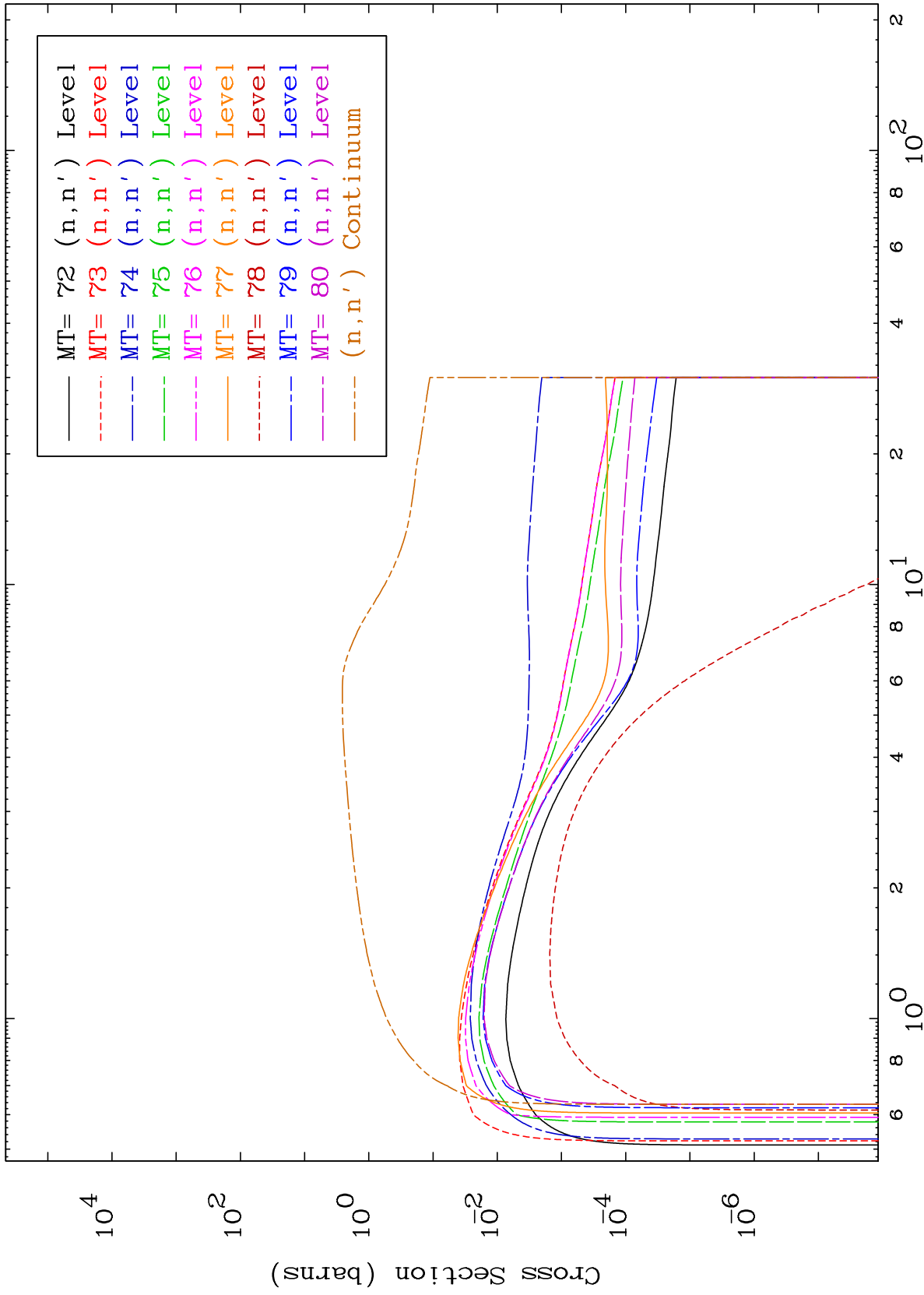
76-Os-191

MAT 7646

(n,n') Level

76-Os-191

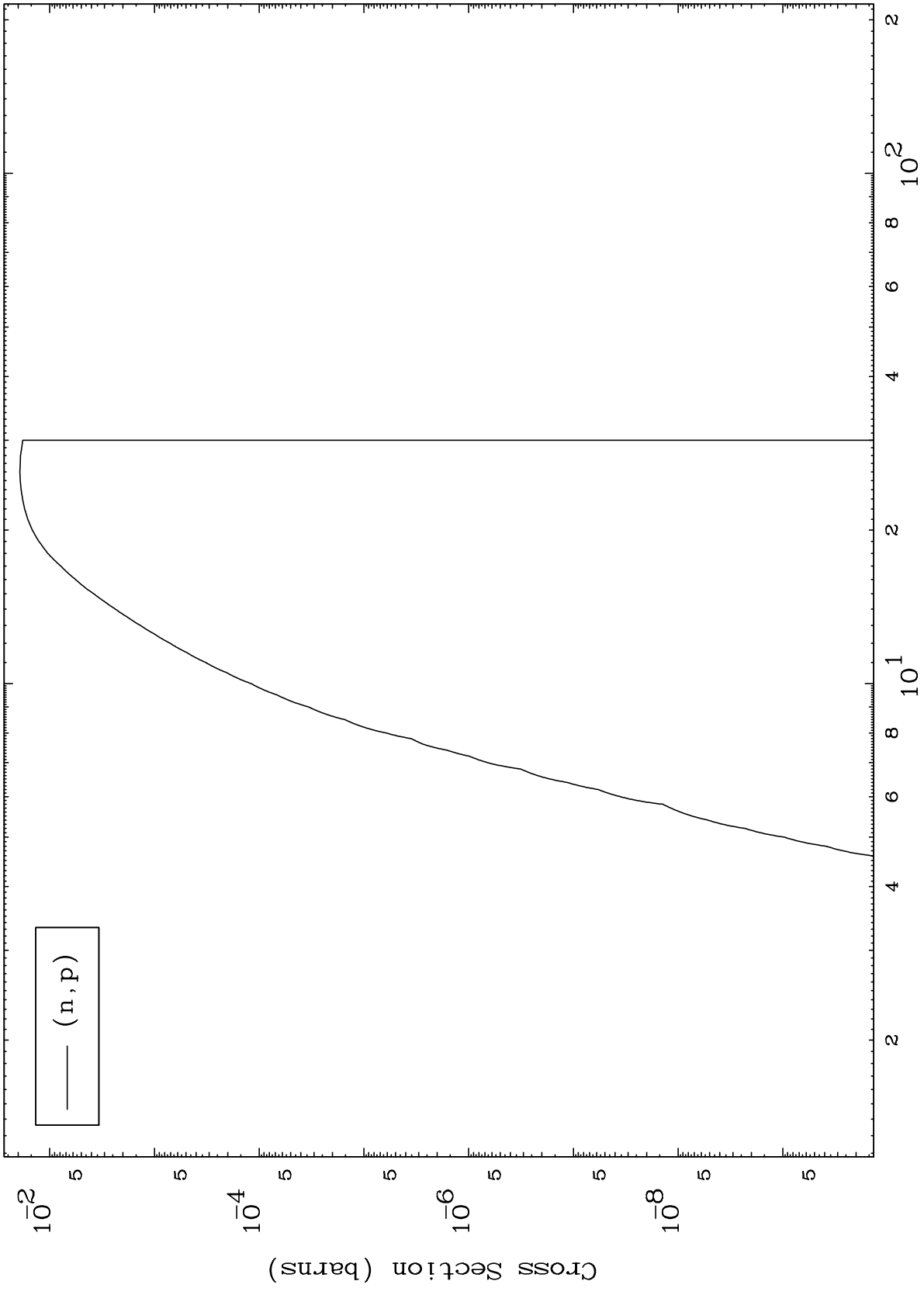
293 Kelvin Cross Sections



MAT 7646

(n,p) Levels
293 Kelvin Cross Sections

76-Os-191



10

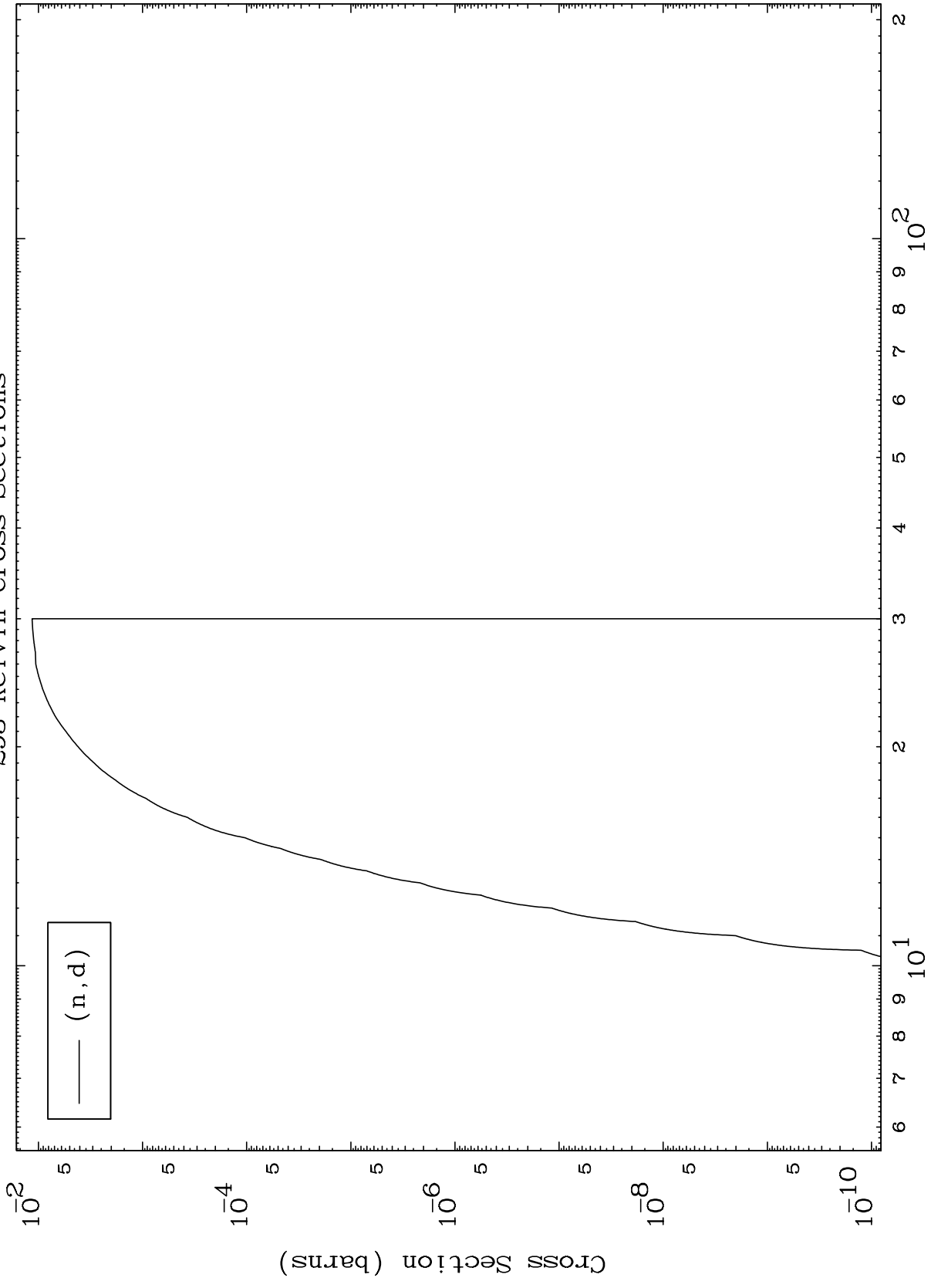
Incident Energy (MeV)

76-Os-191

MAT 7646

(n,d) Levels
293 Kelvin Cross Sections

76-Os-191



11

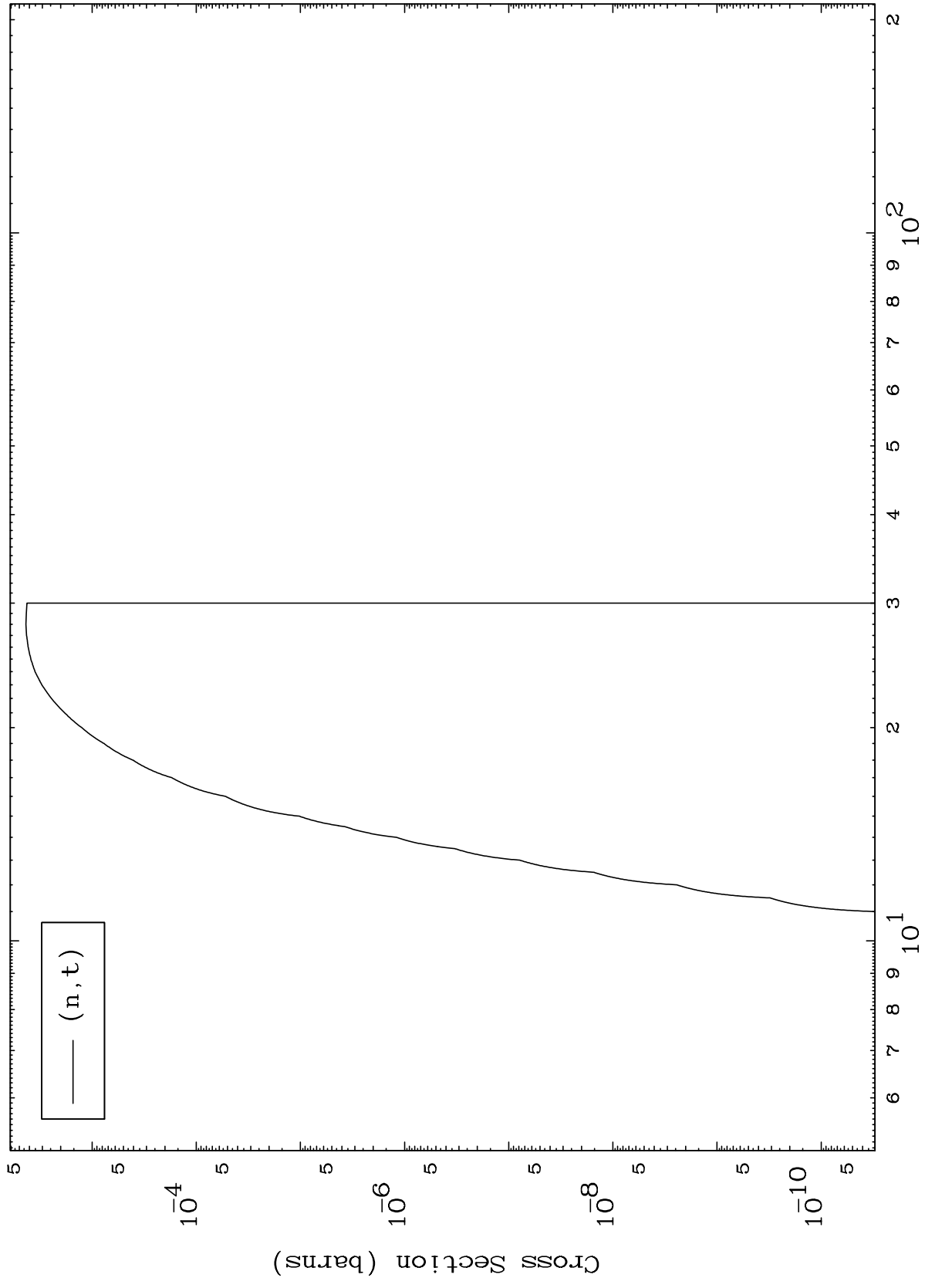
Incident Energy (MeV)

76-Os-191

MAT 7646

(n,t) Levels
293 Kelvin Cross Sections

76-Os-191



12

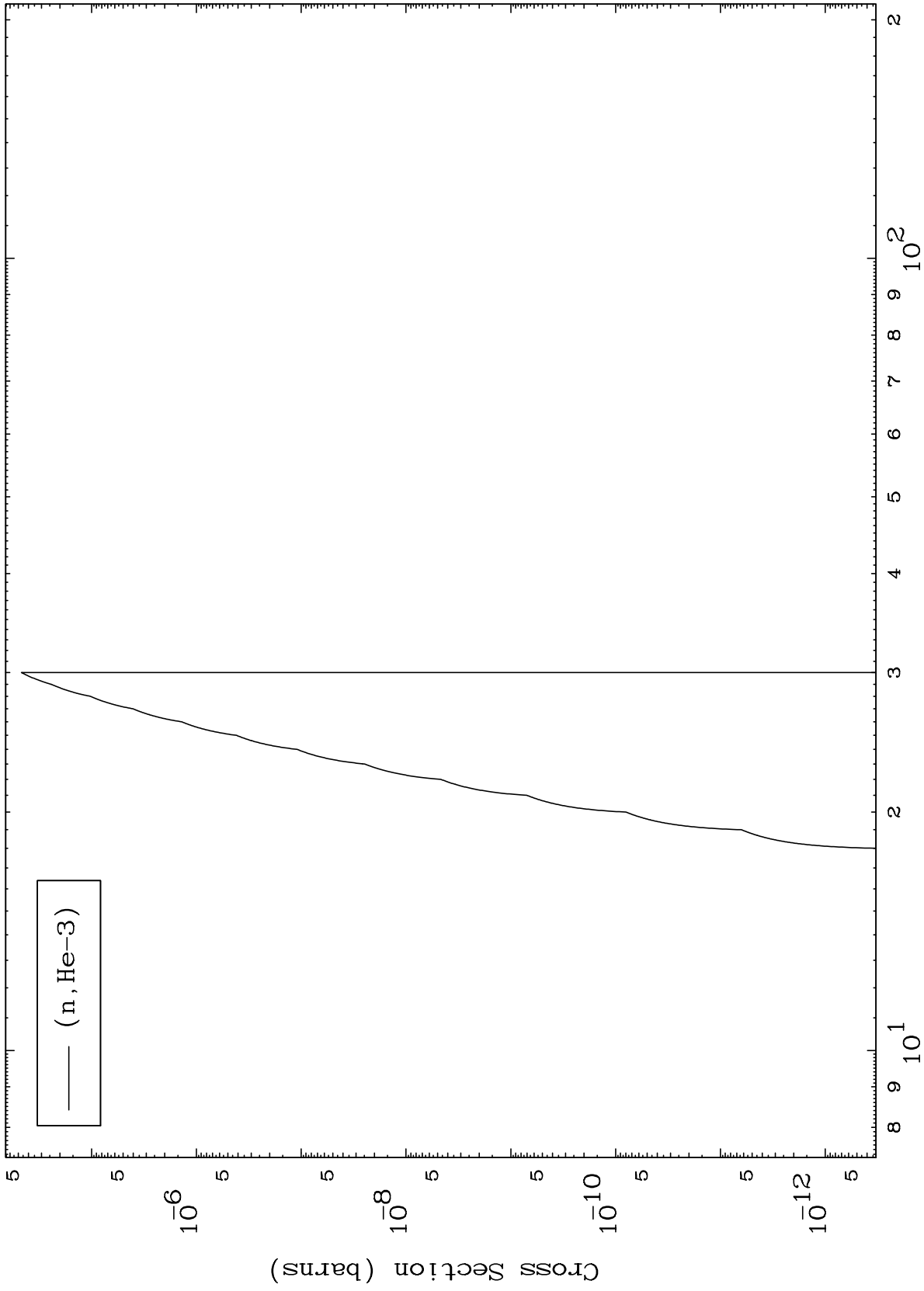
Incident Energy (MeV)

76-Os-191

MAT 7646

(n,He3) Levels
293 Kelvin Cross Sections

76-Os-191



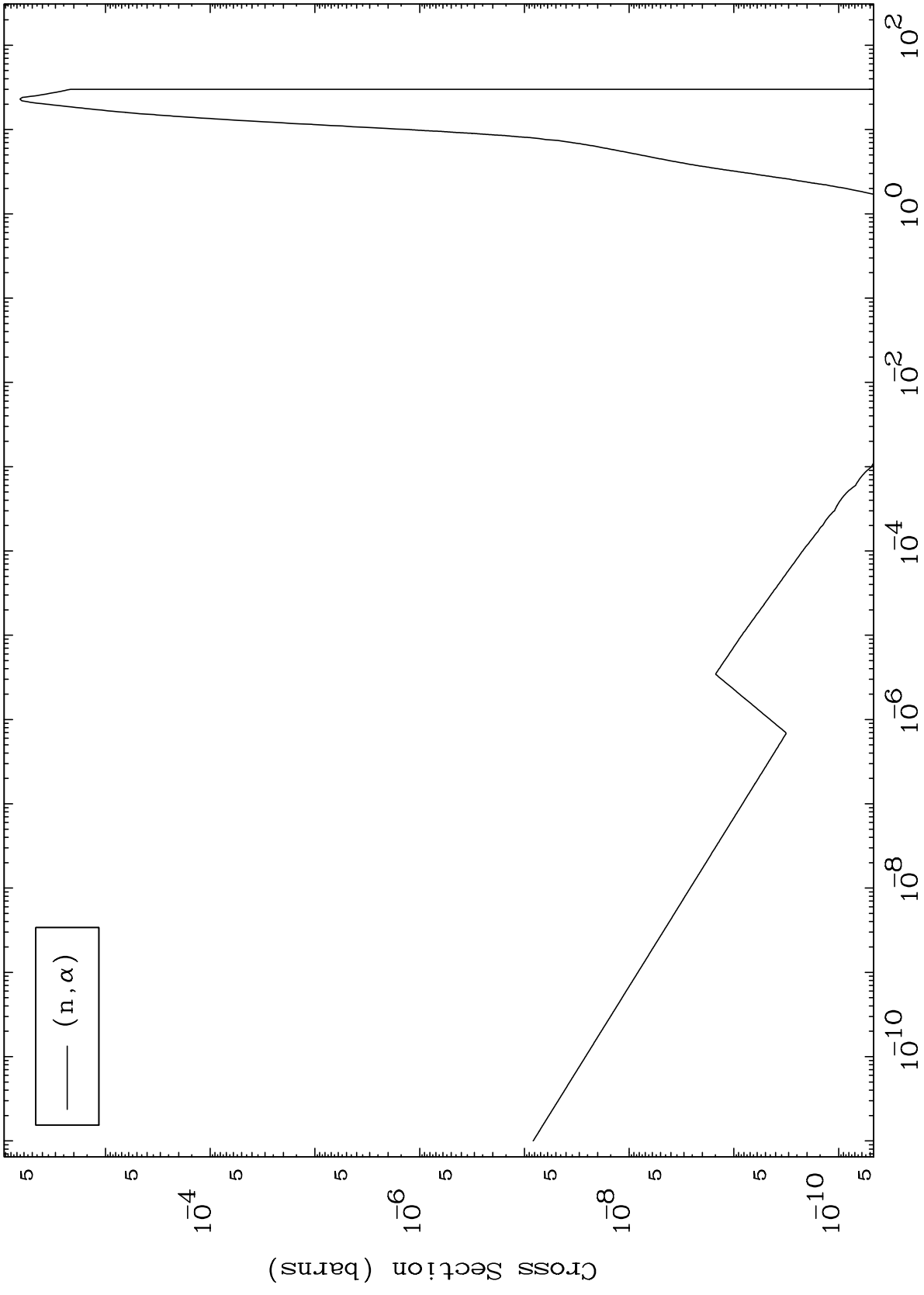
13

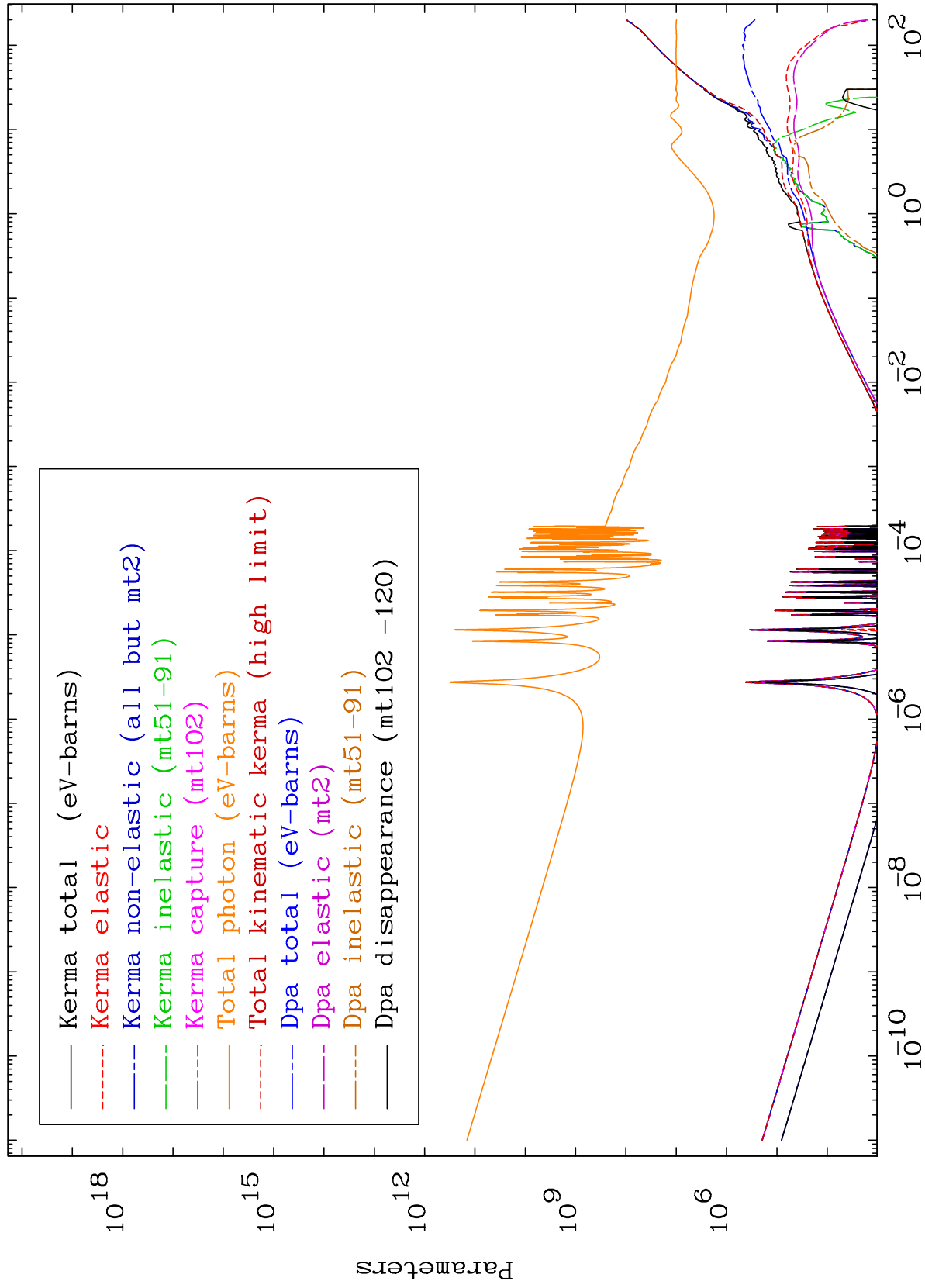
76-Os-191

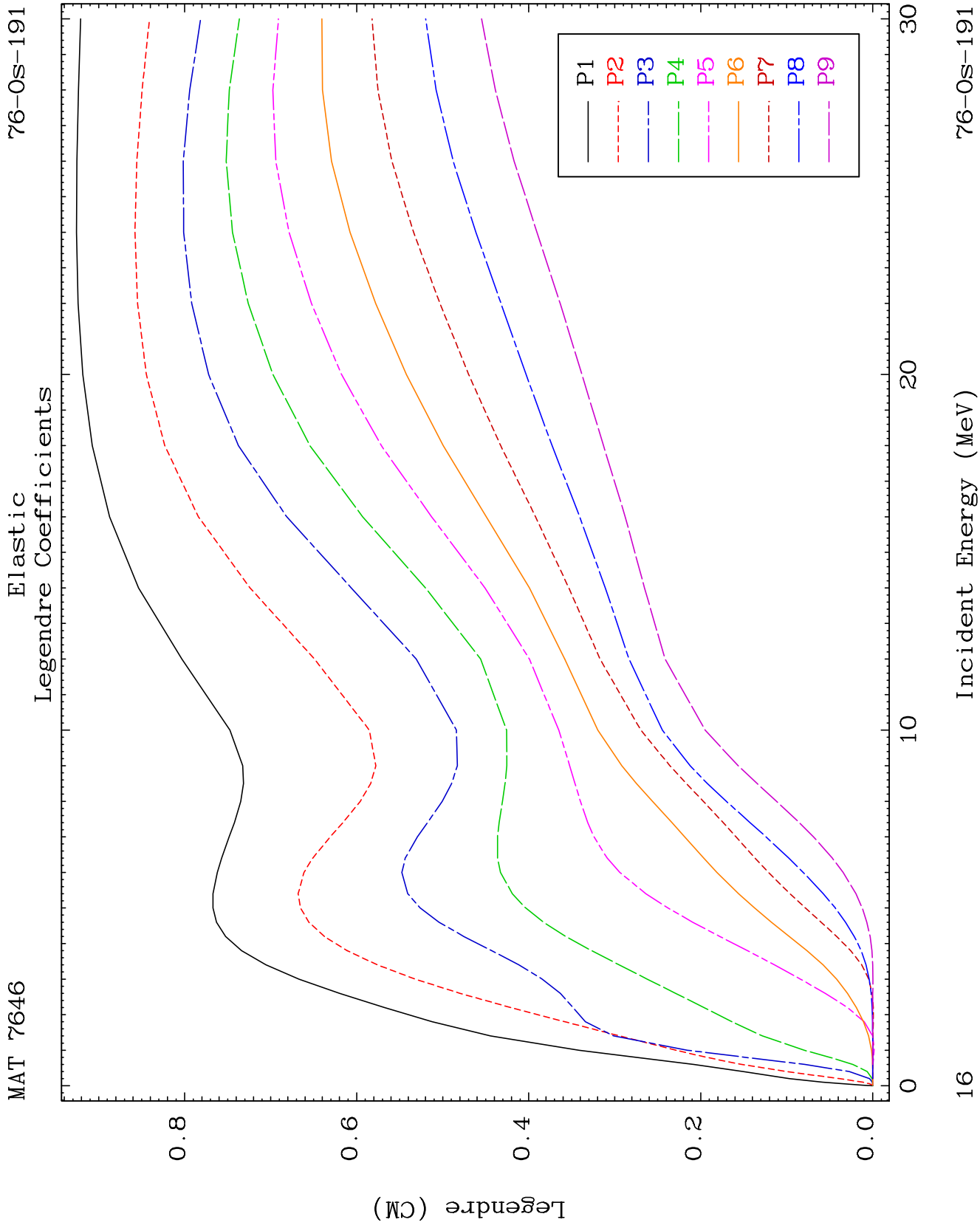
MAT 7646

(n,α) Levels
293 Kelvin Cross Sections

76-Os-191



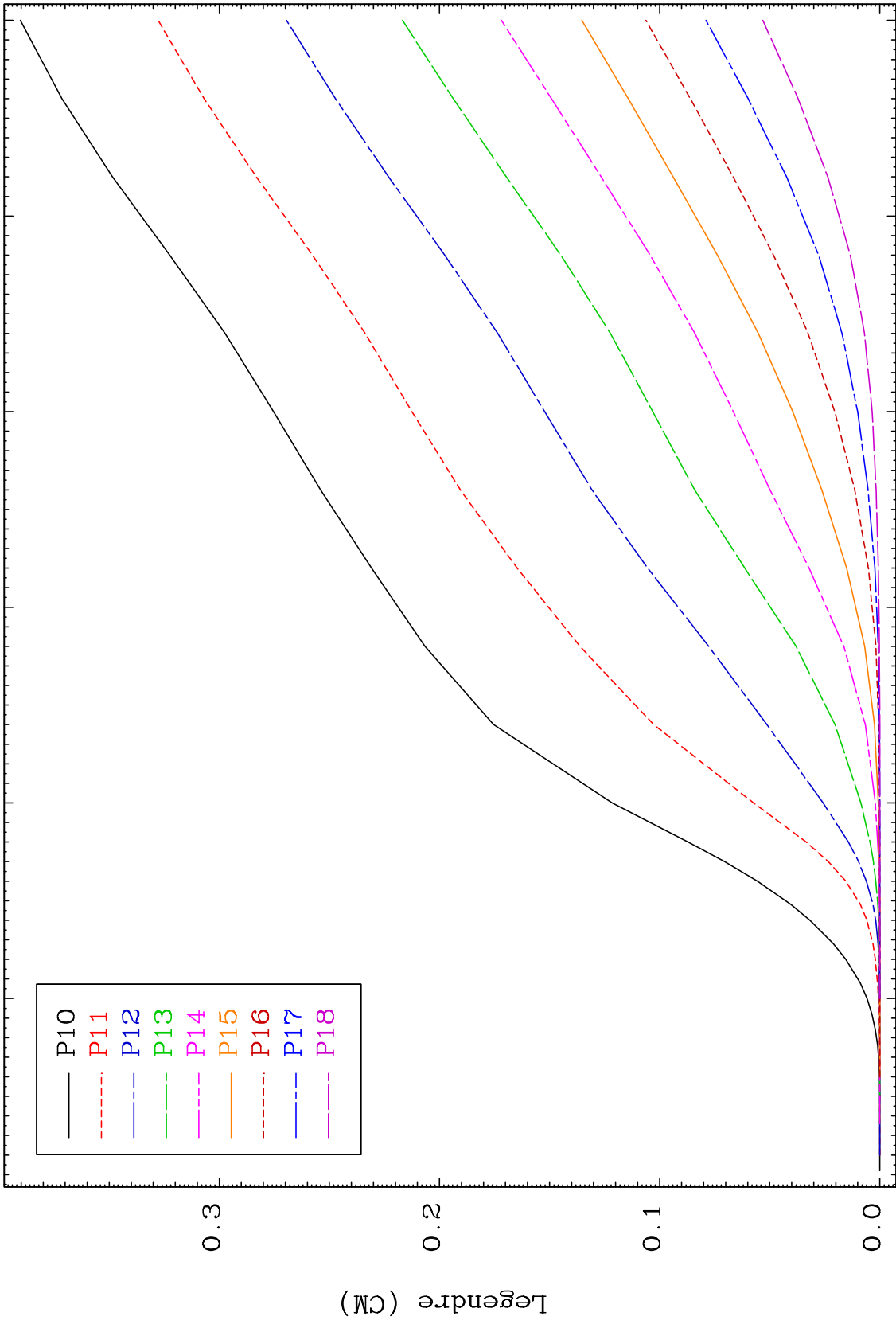




MAT 7646

Elastic Legendre Coefficients

76-Os-191



17

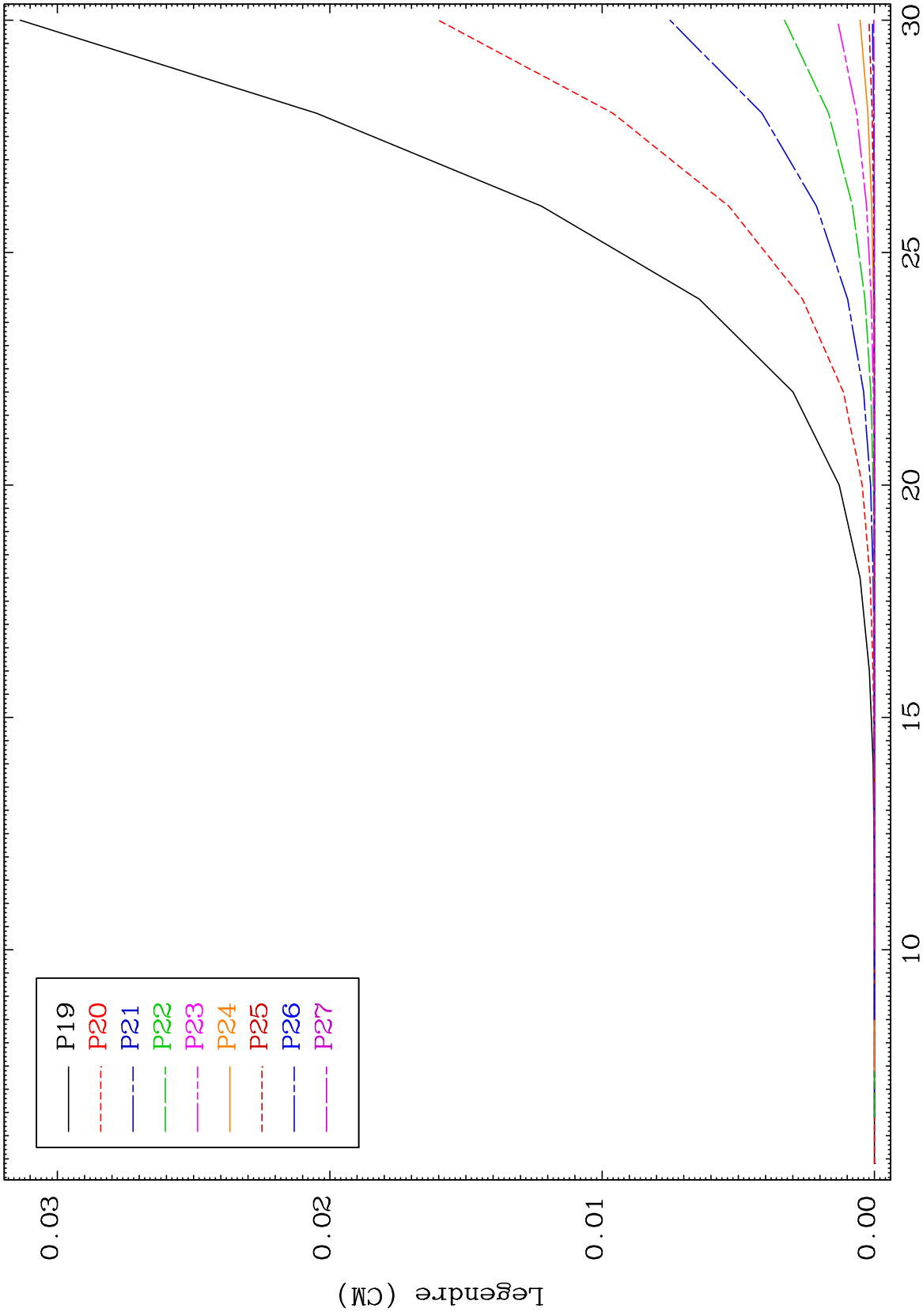
Incident Energy (MeV)

76-Os-191

MAT 7646

Elastic Legendre Coefficients

76-Os-191



18

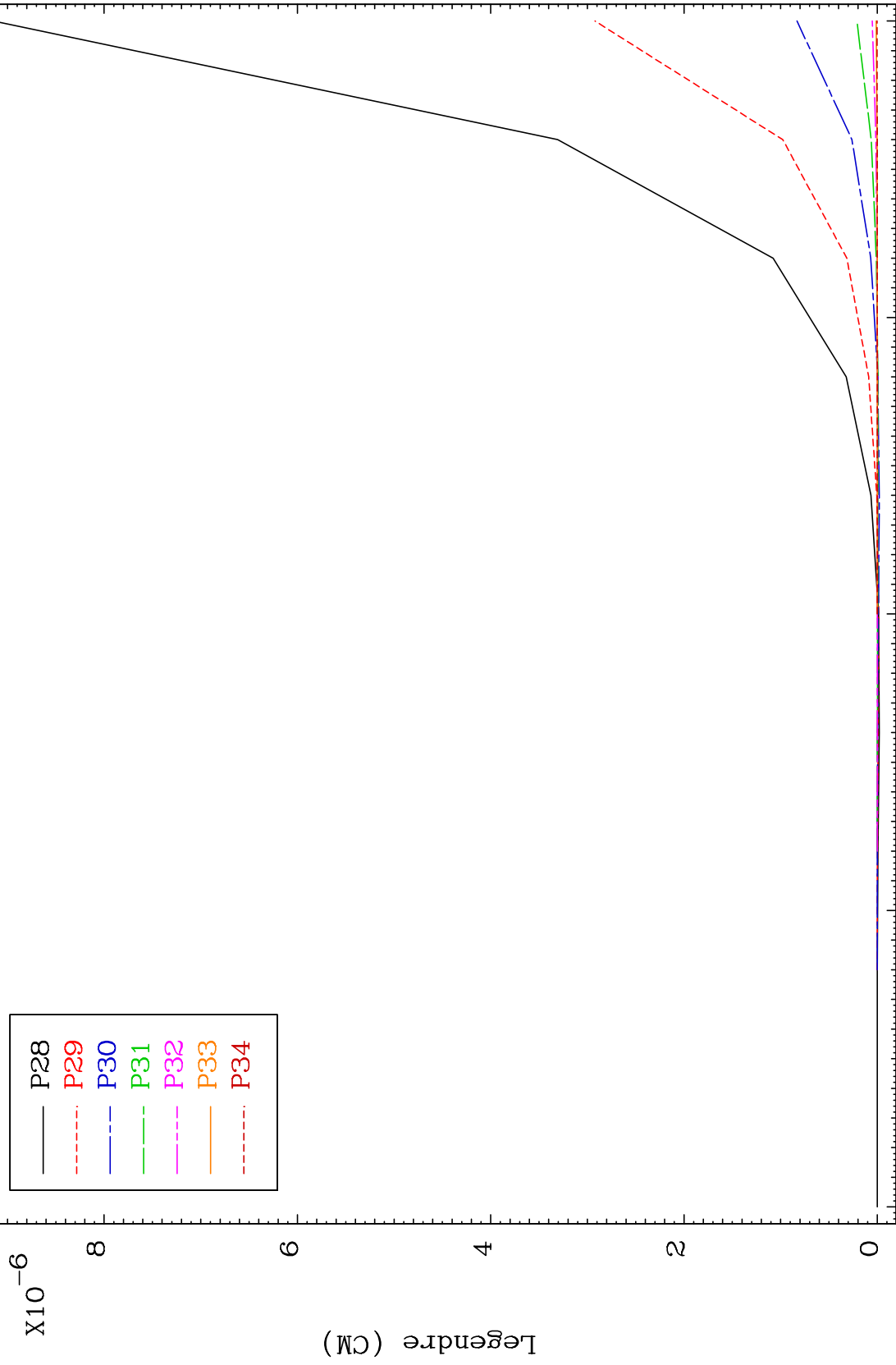
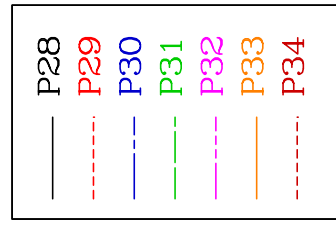
Incident Energy (MeV)

76-Os-191

MAT 7646

Elastic Legendre Coefficients

76-Os-191



19

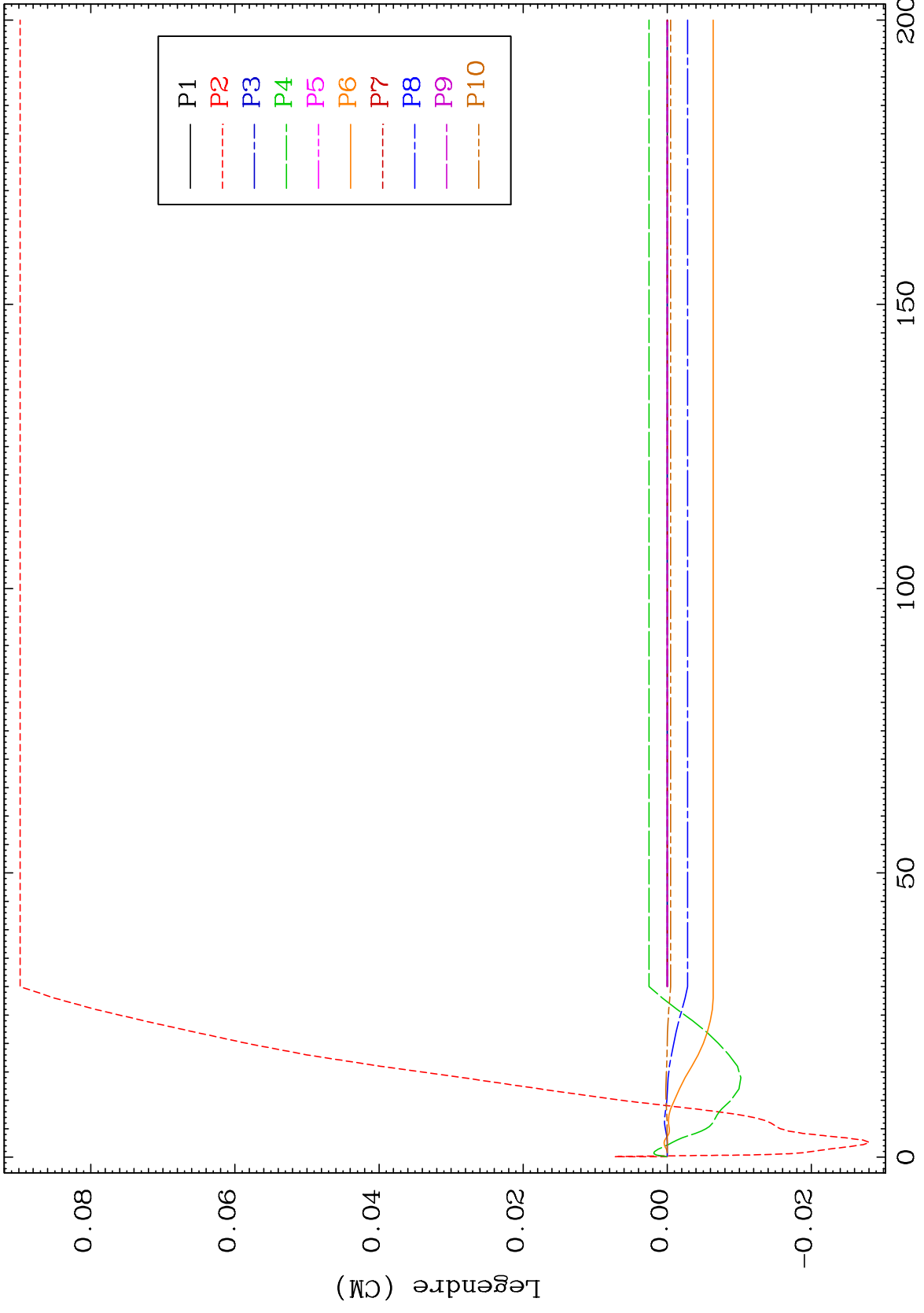
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



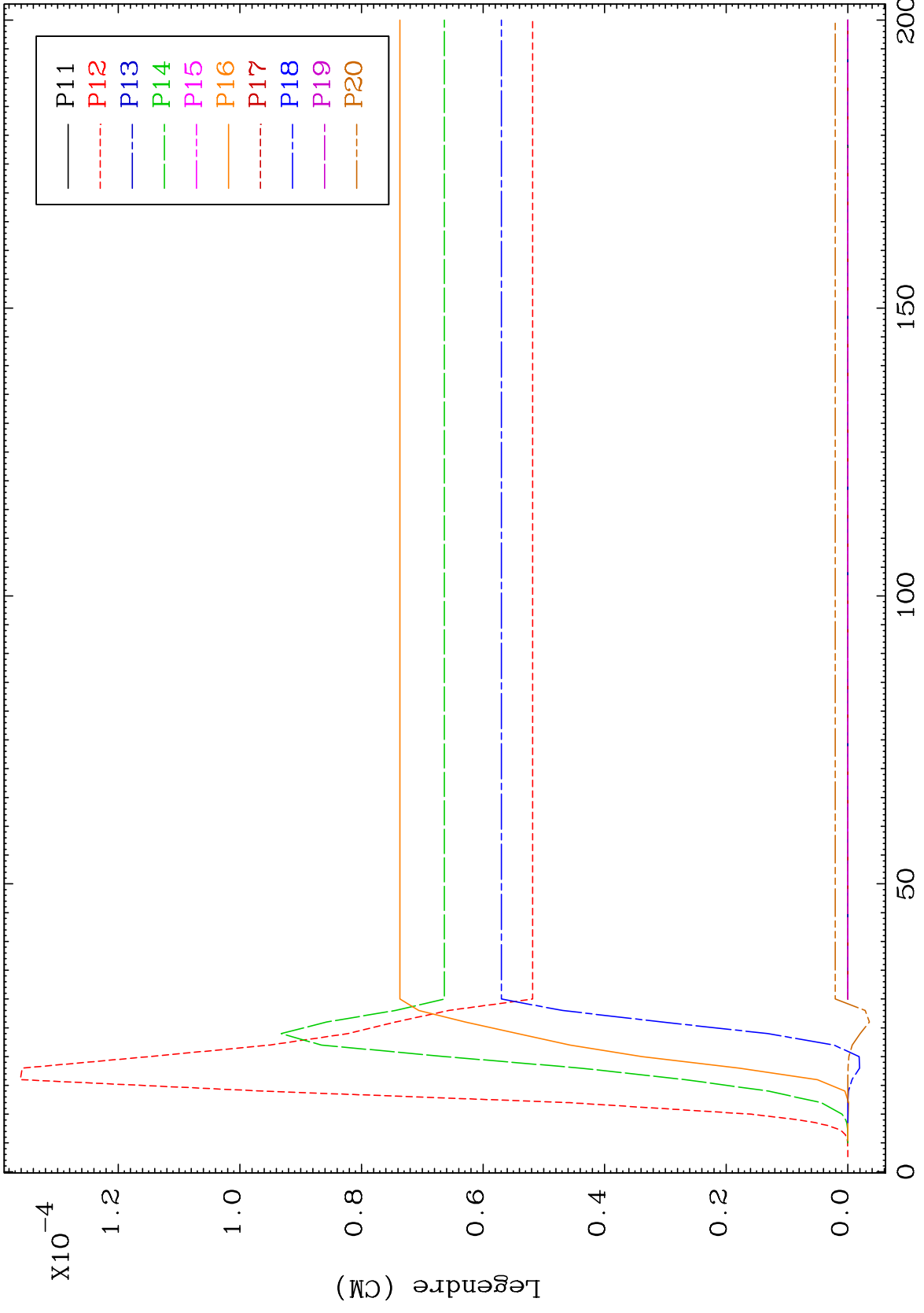
76-Os-191

Incident Energy (MeV)

MAT 7646

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

76-Os-191

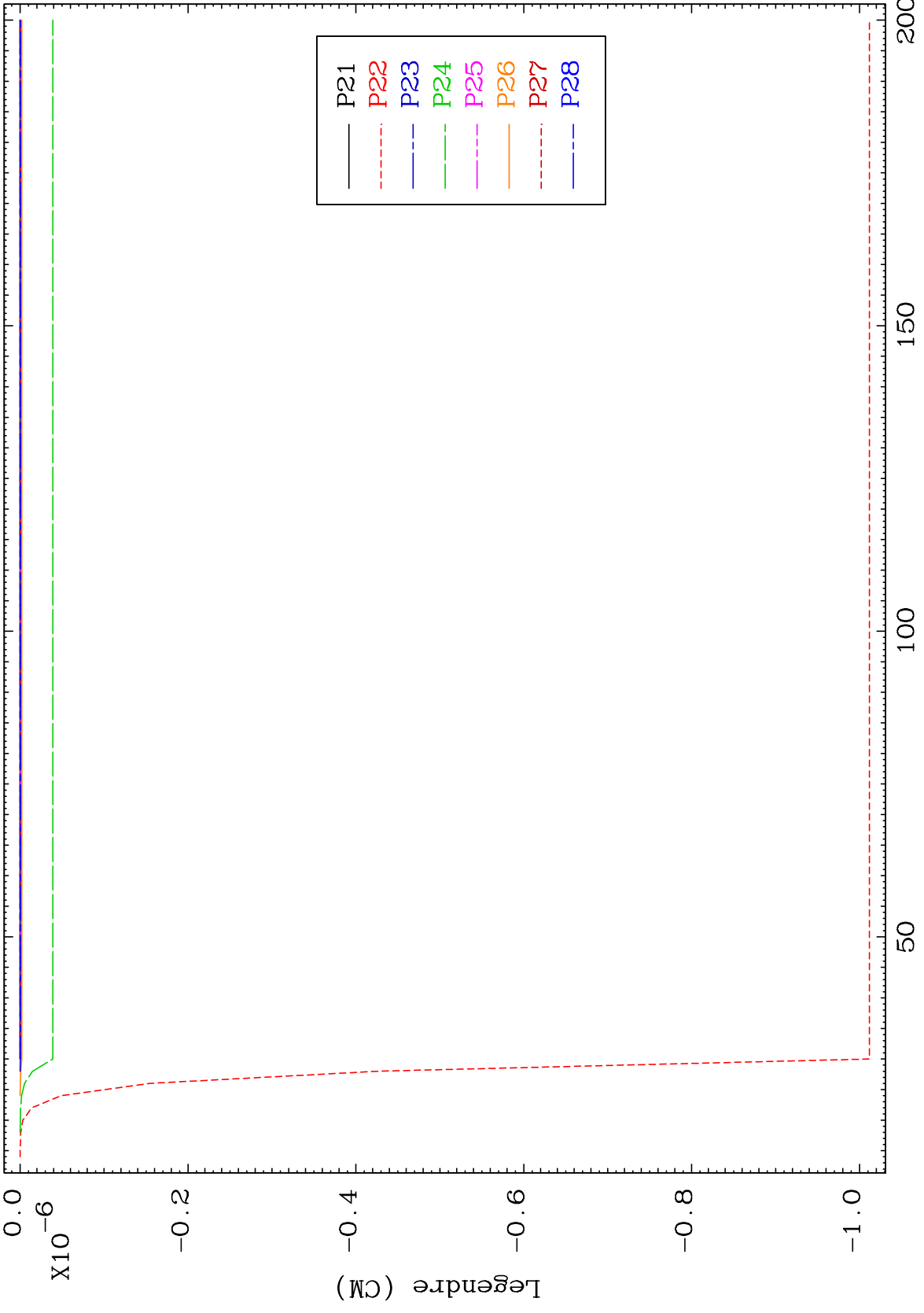


21

Incident Energy (MeV)

76-Os-191

MAT 7646 MT= 51 (n,n') Level Legendre Coefficients 76-Os-191

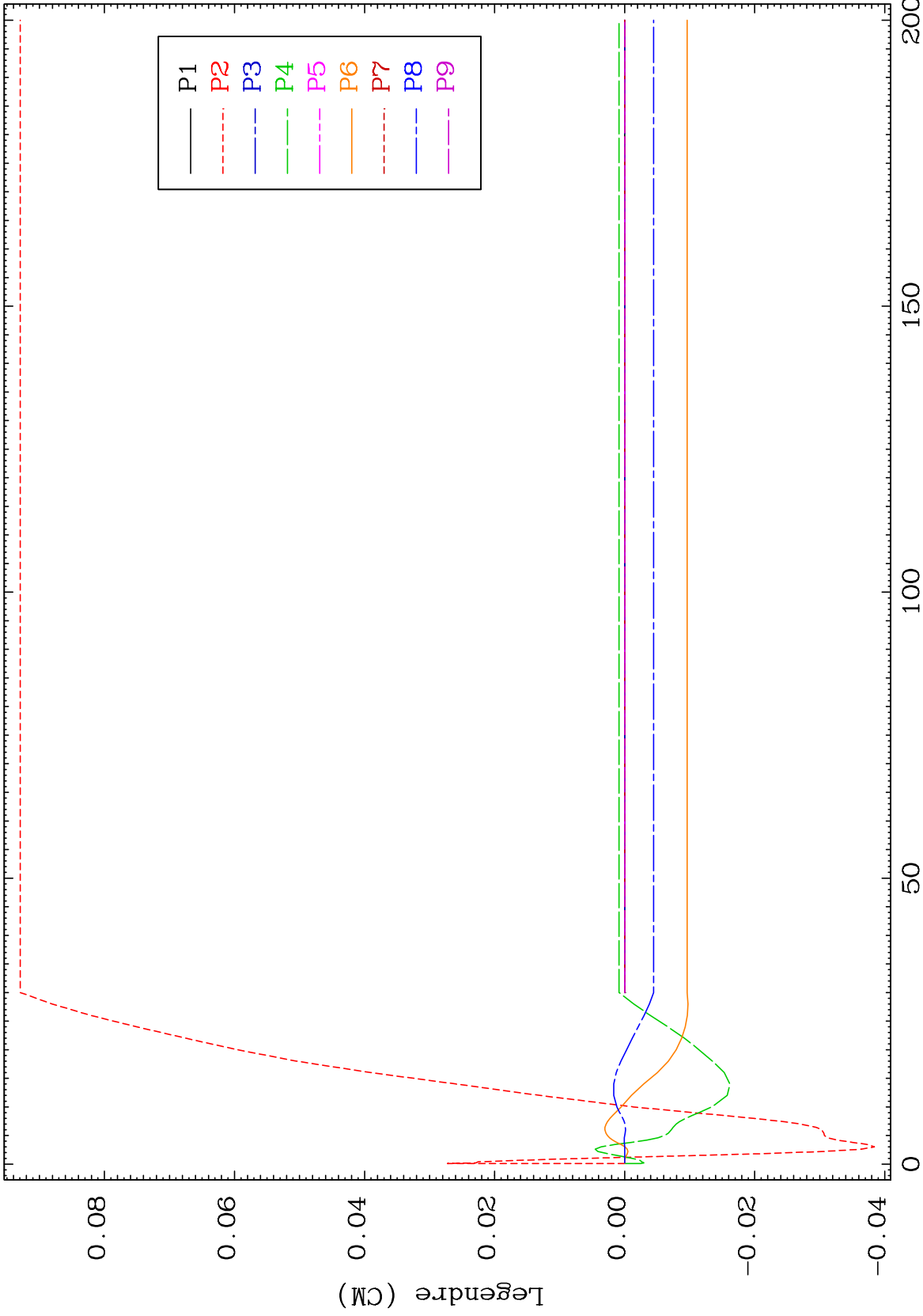


22 76-Os-191

MAT 7646

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

76-Os-191



23

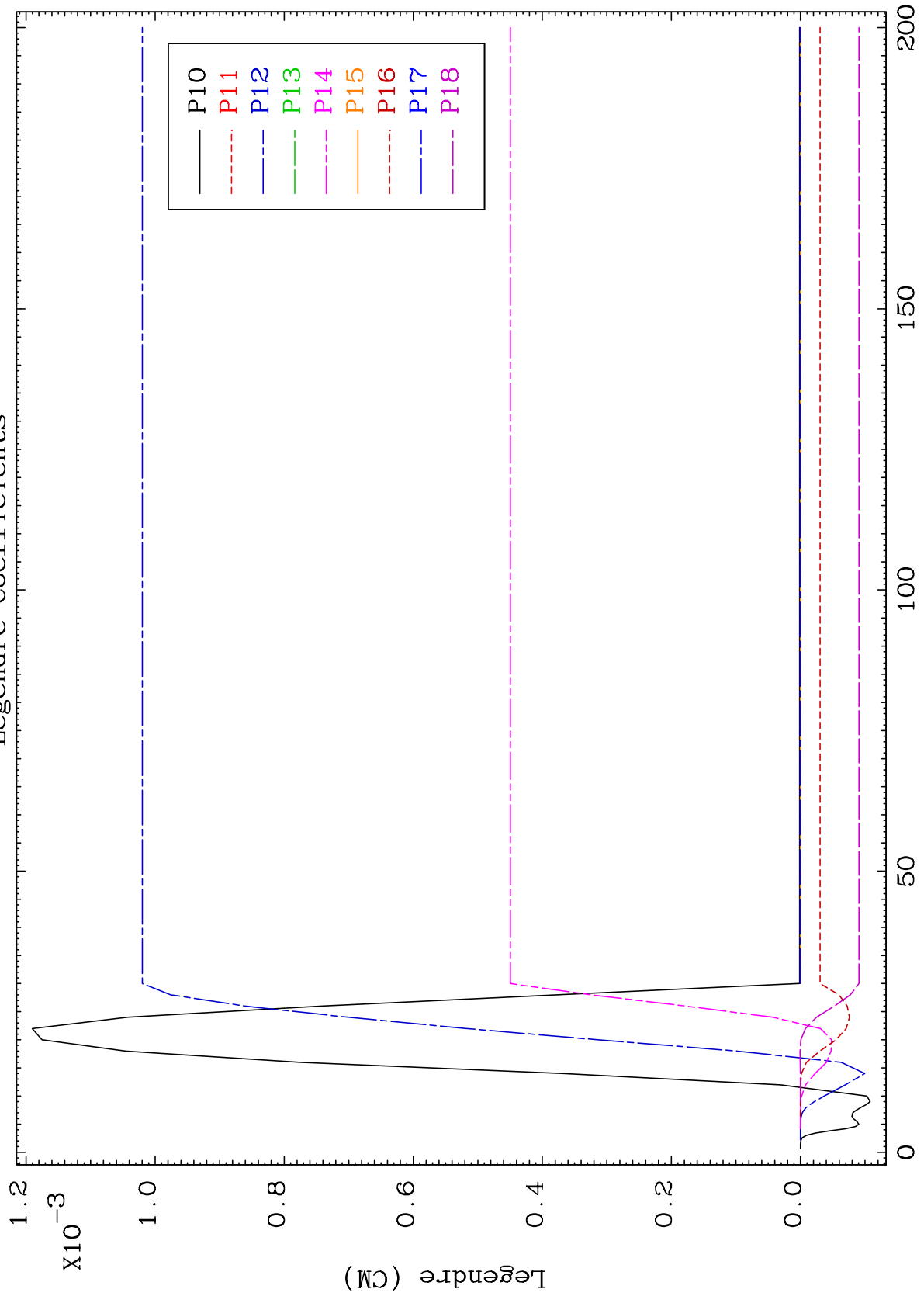
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



24

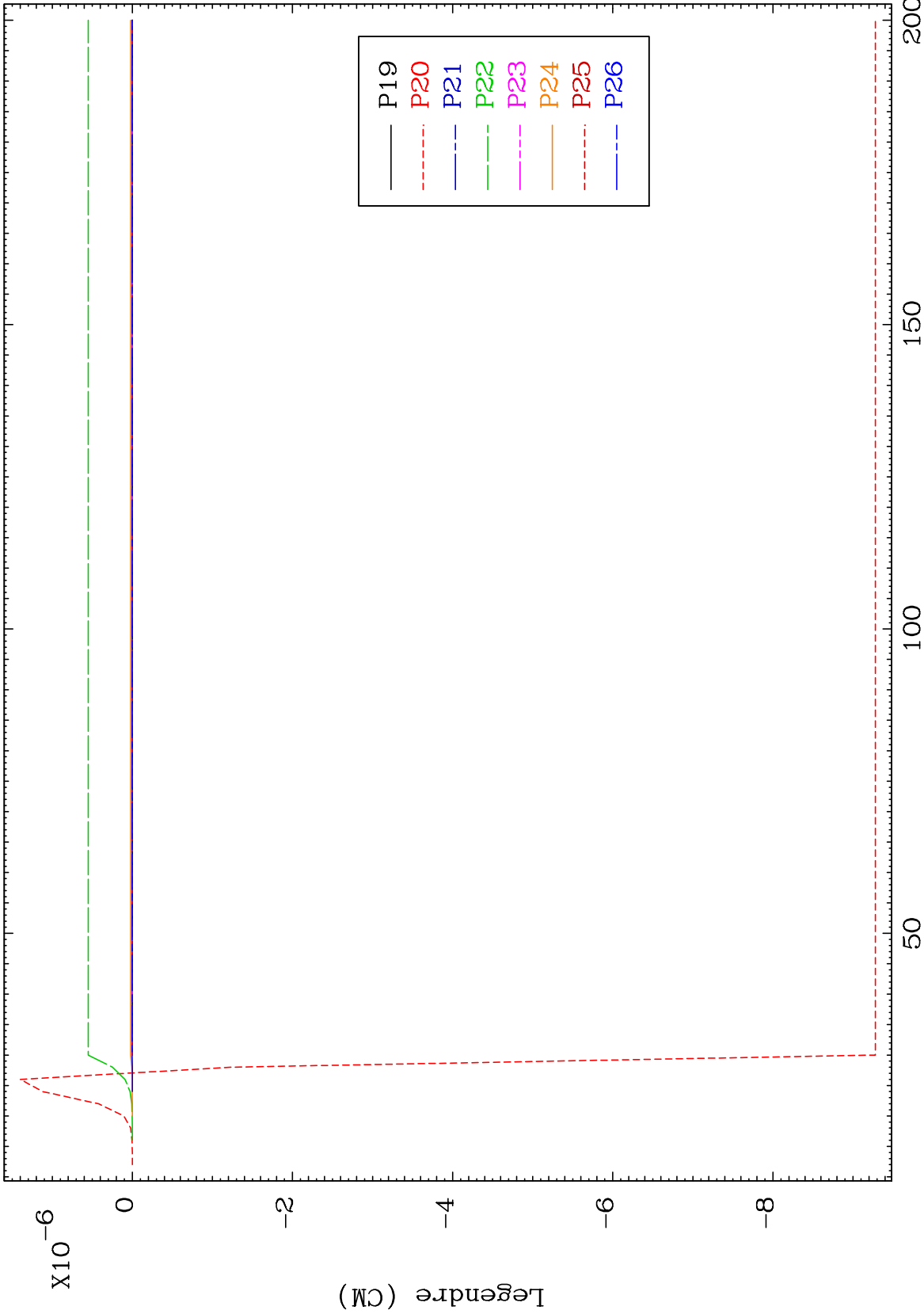
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



25

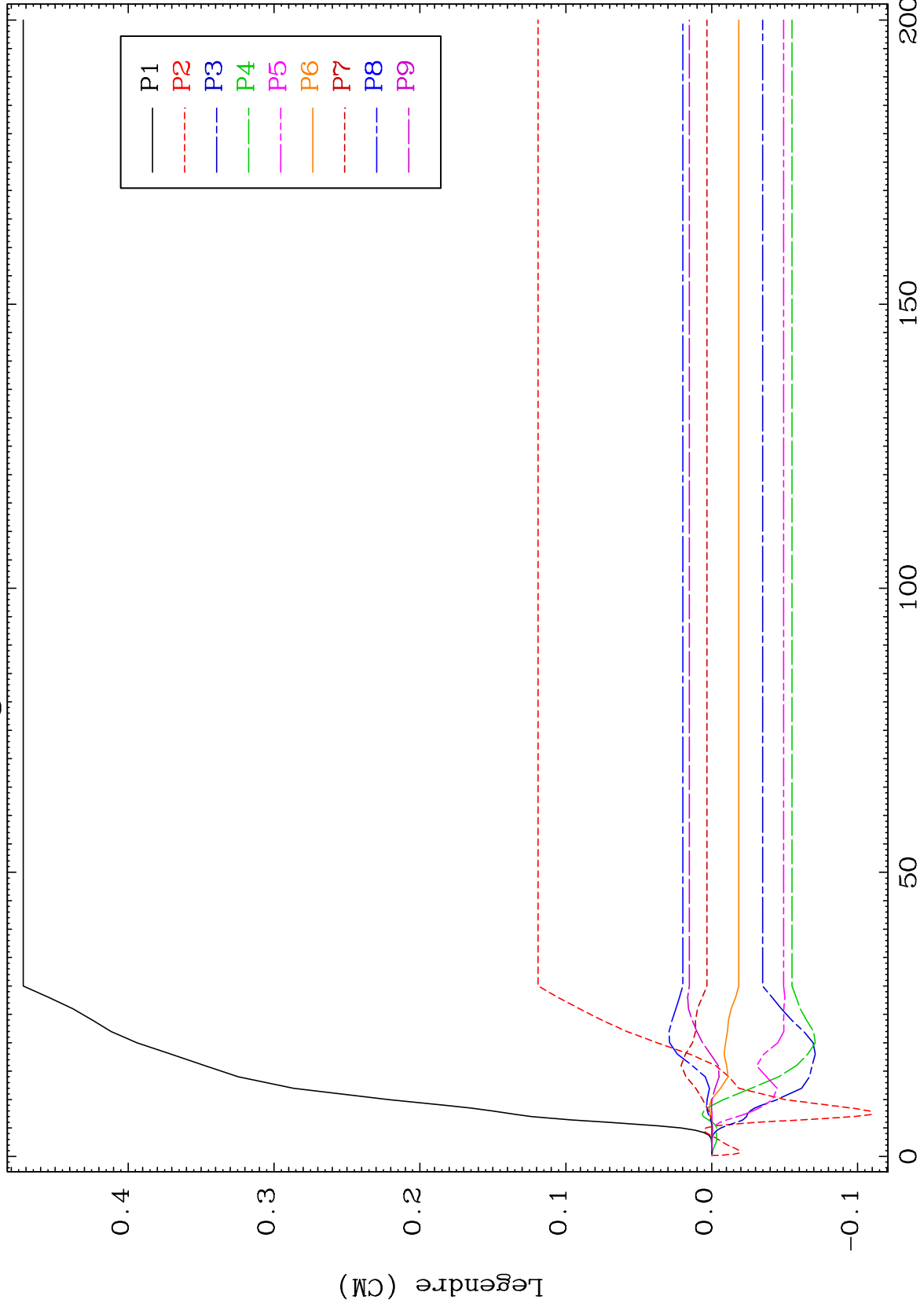
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



26

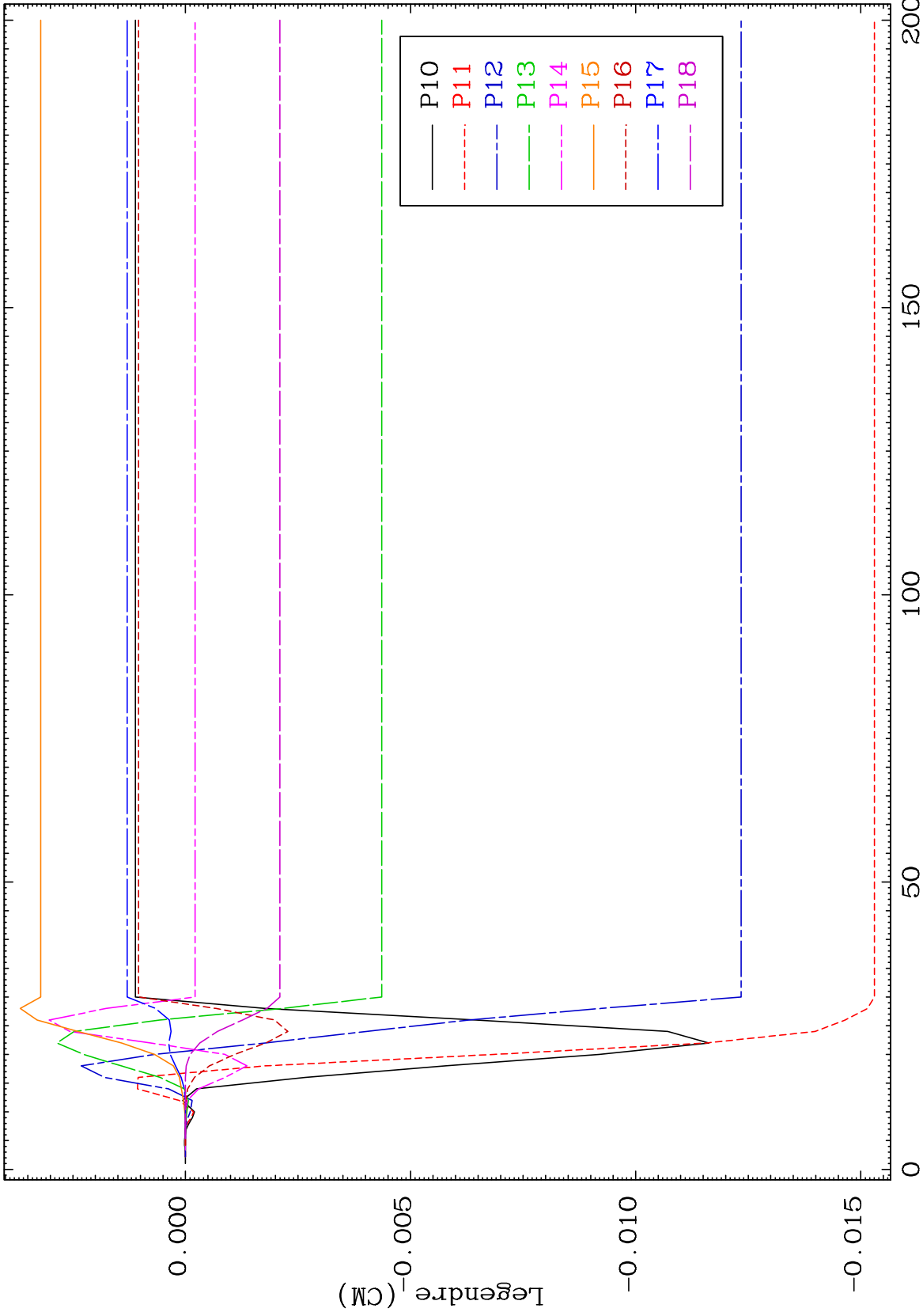
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



27

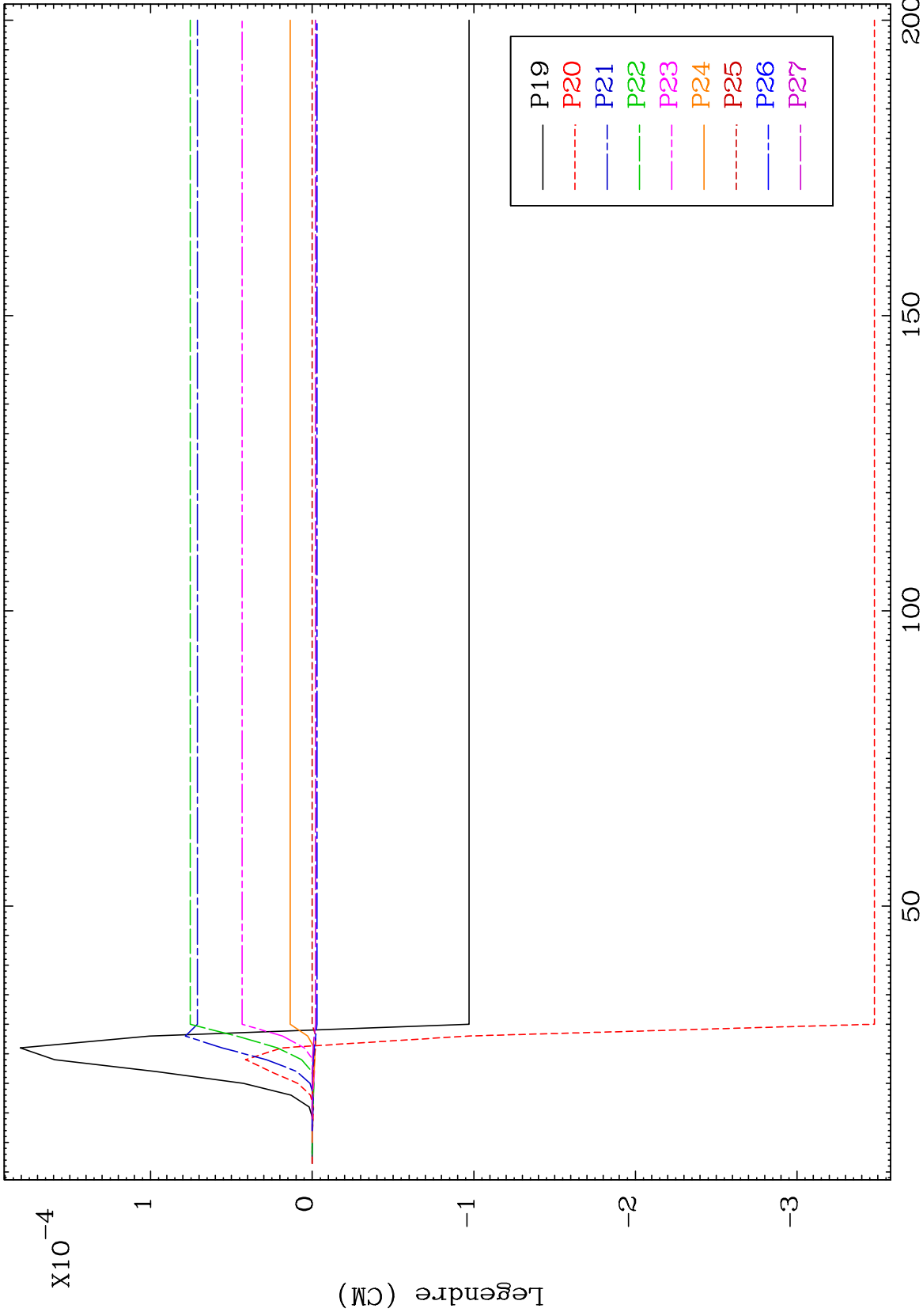
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191

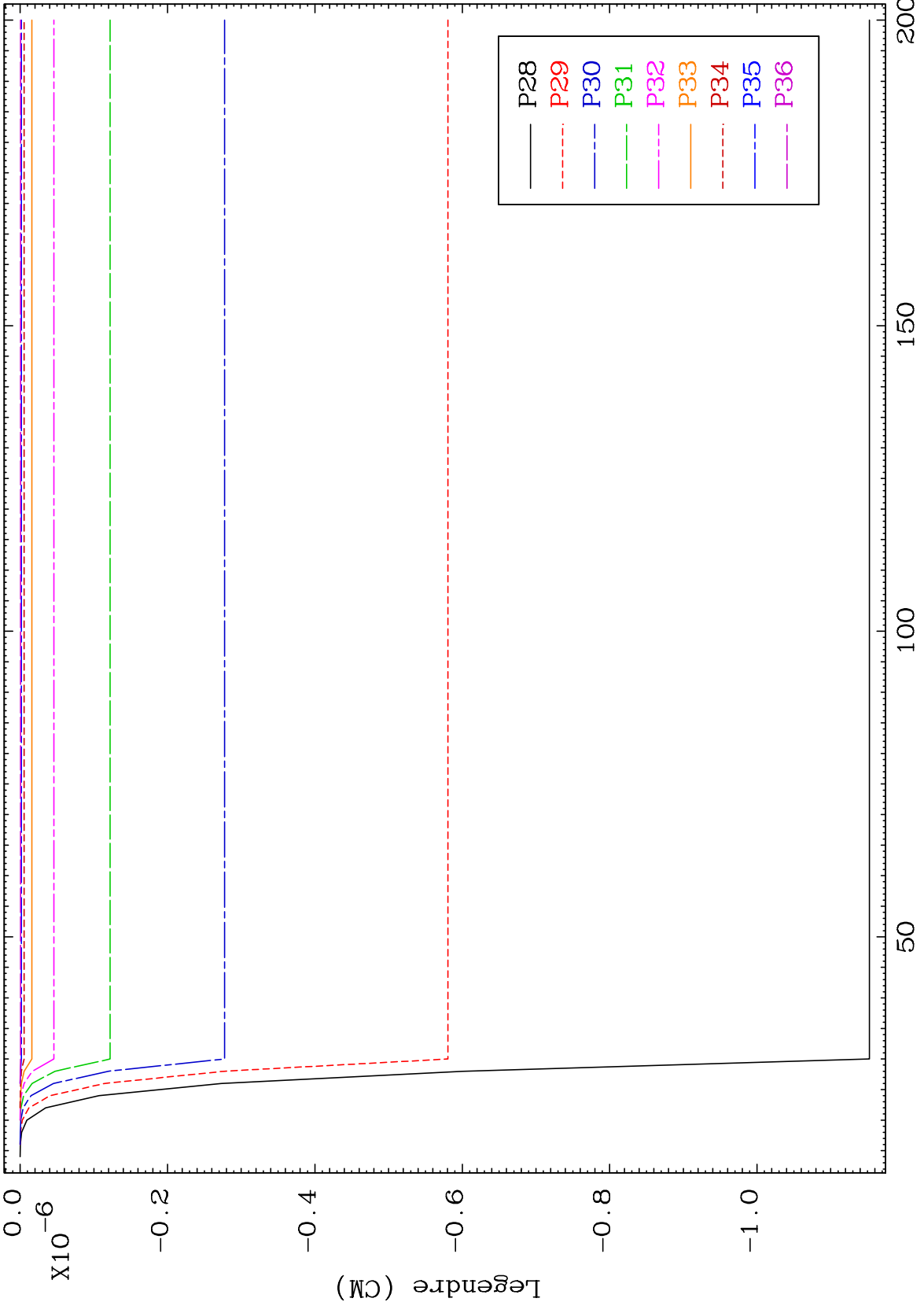


28

Incident Energy (MeV)

76-Os-191

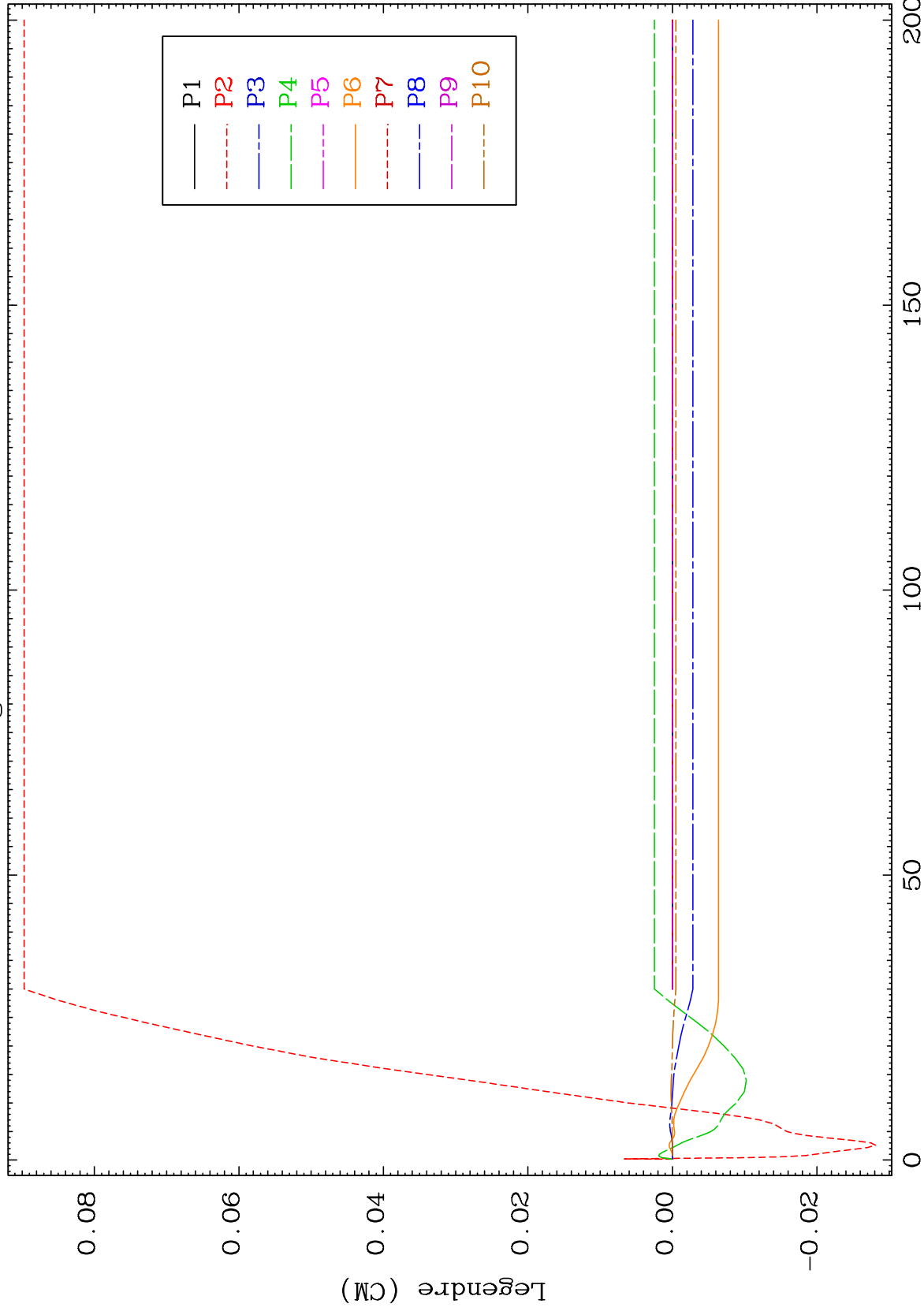
MAT 7646 MT= 53 (n,n') Level Legendre Coefficients 76-Os-191



MAT 7646

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

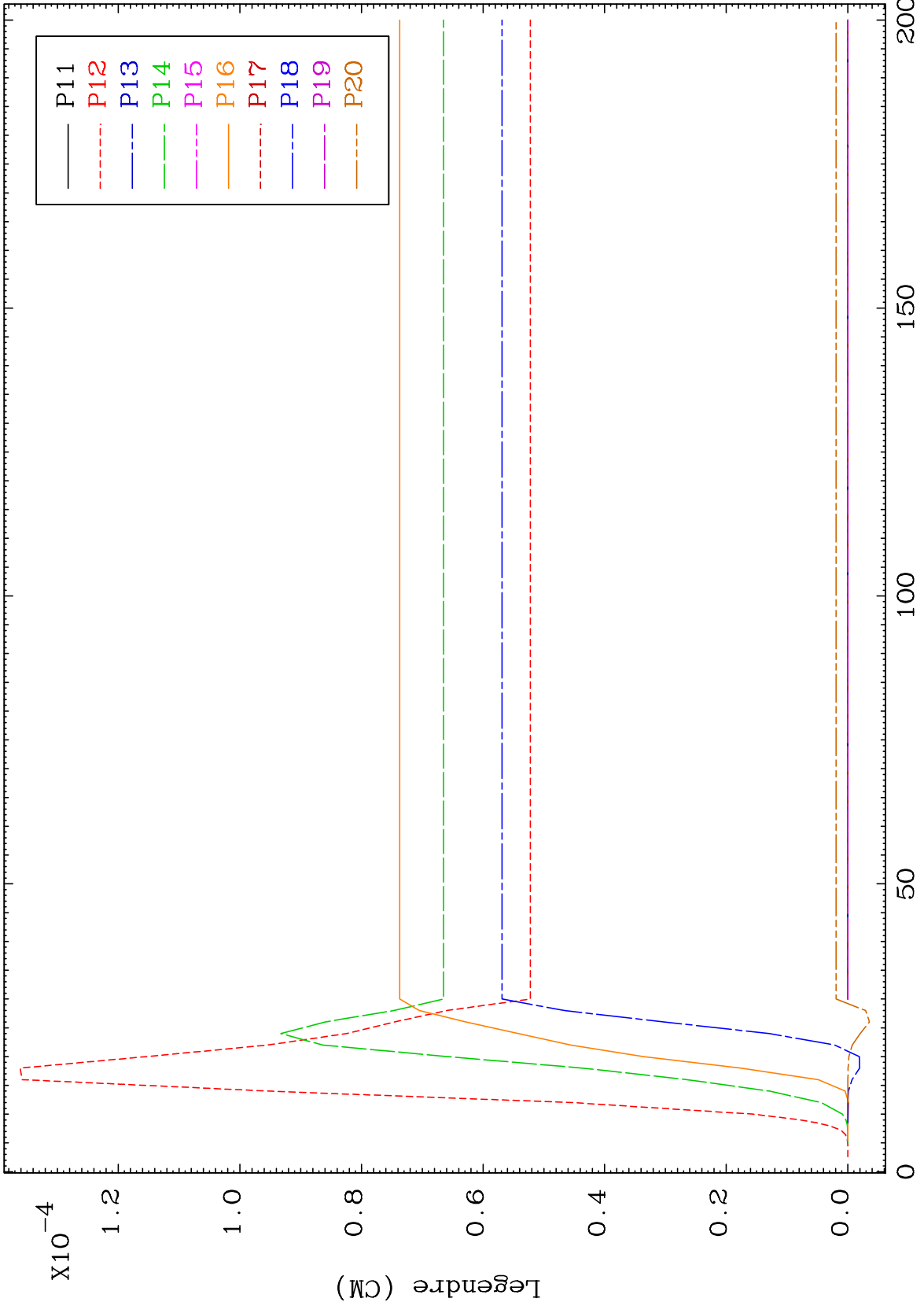
76-Os-191



76-Os-191

Incident Energy (MeV)

MAT 7646 MT= 54 (n,n') Level Legendre Coefficients 76-Os-191

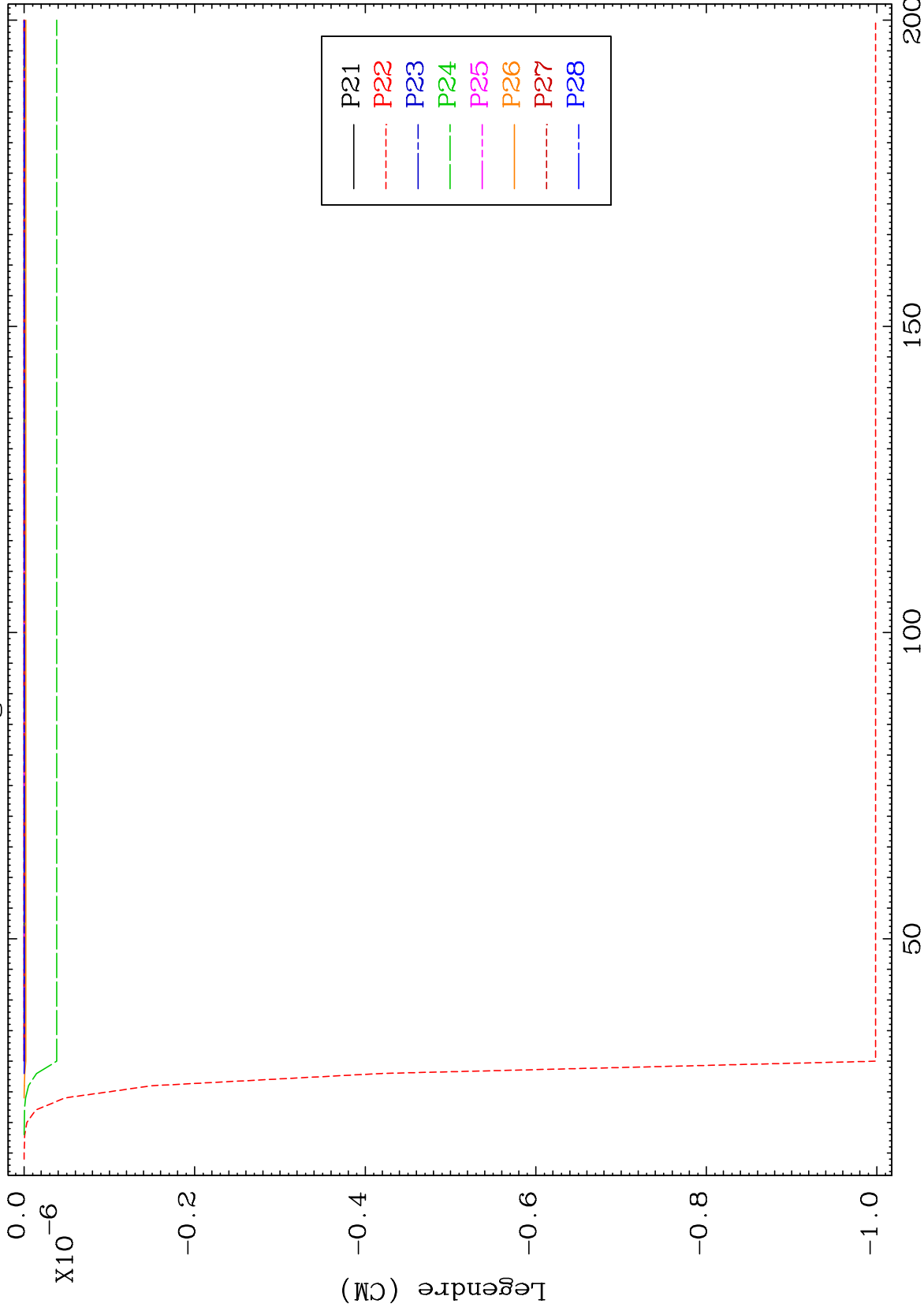


31 76-Os-191

MAT 7646

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

76-Os-191



32

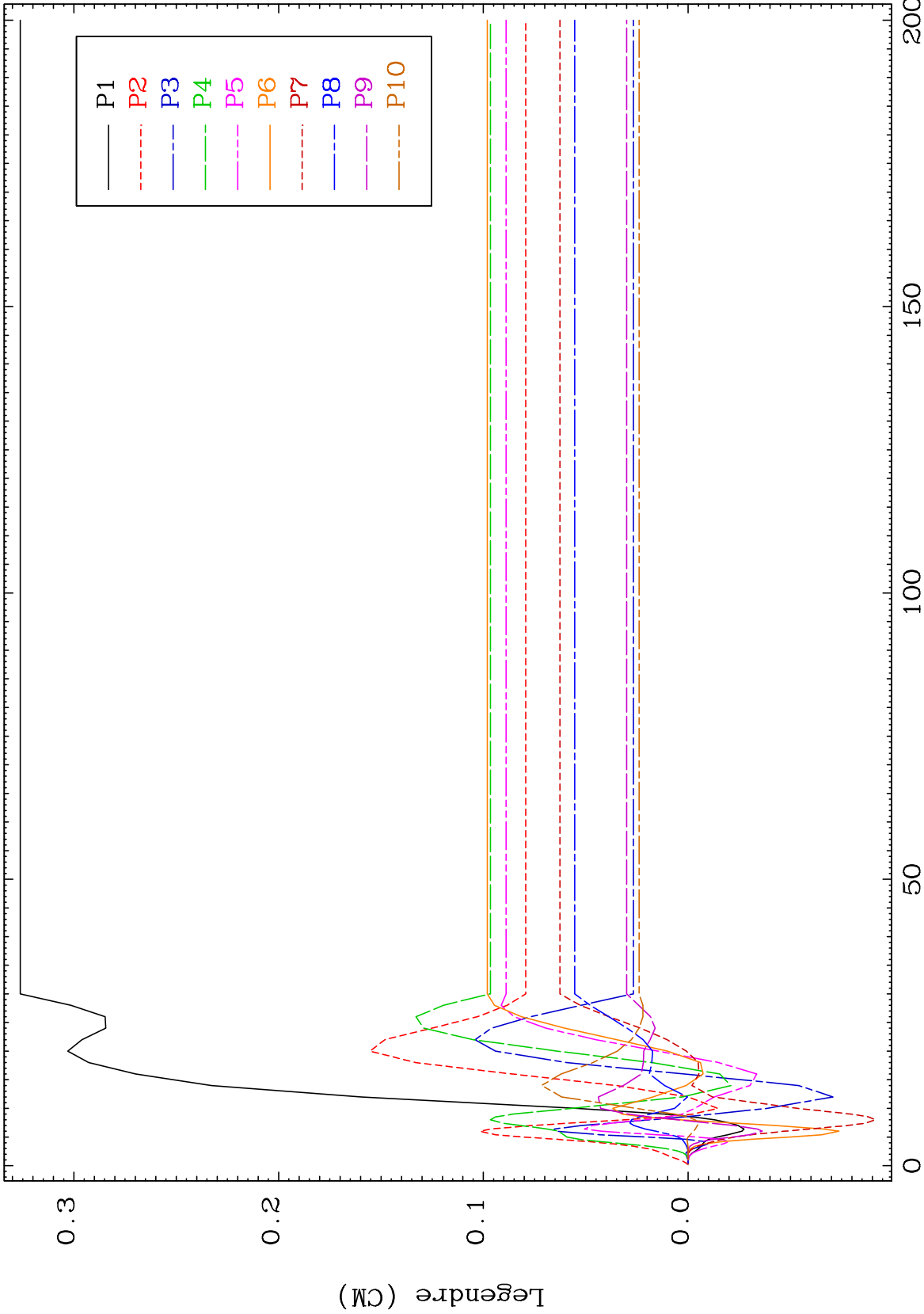
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



33

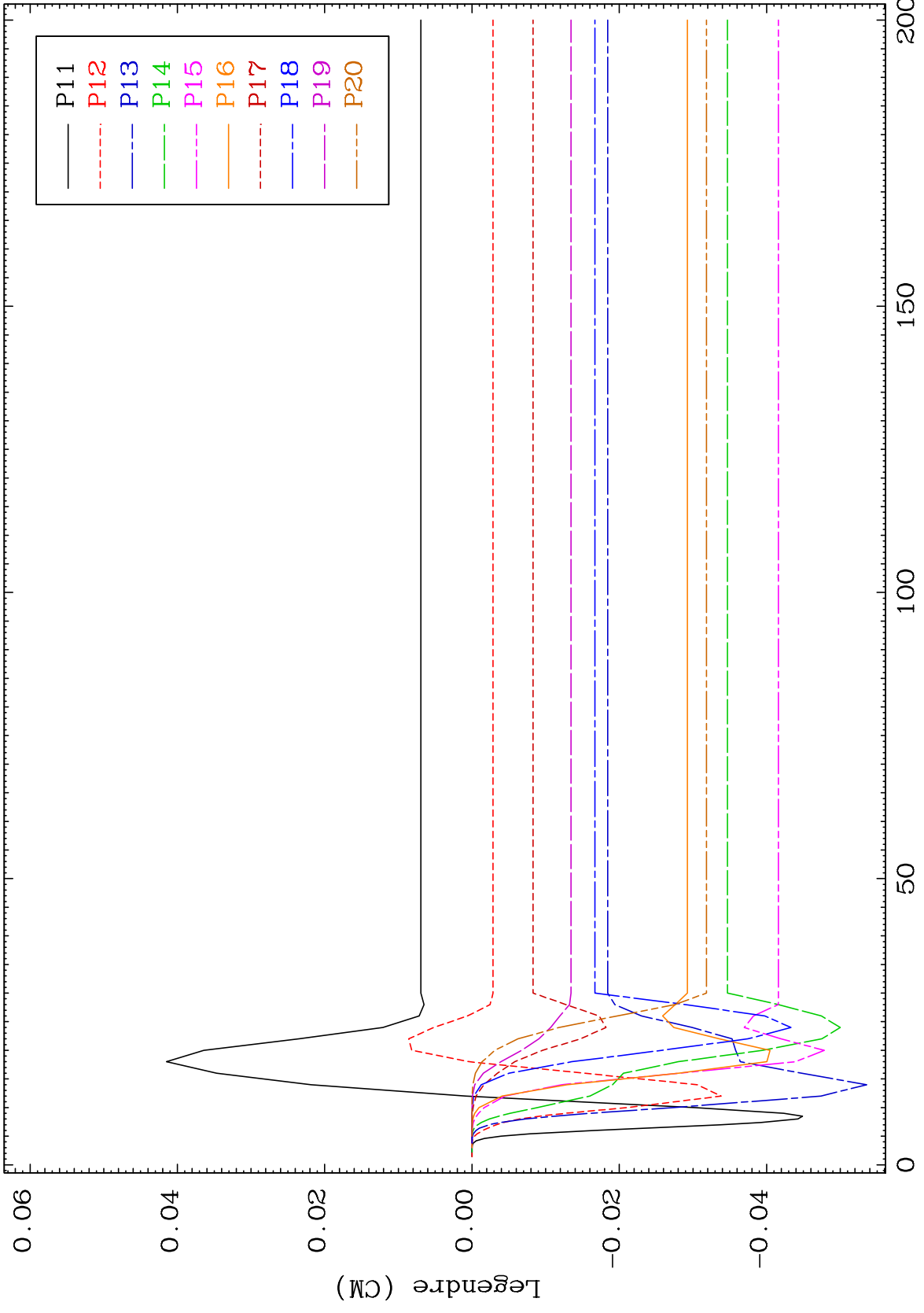
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



34

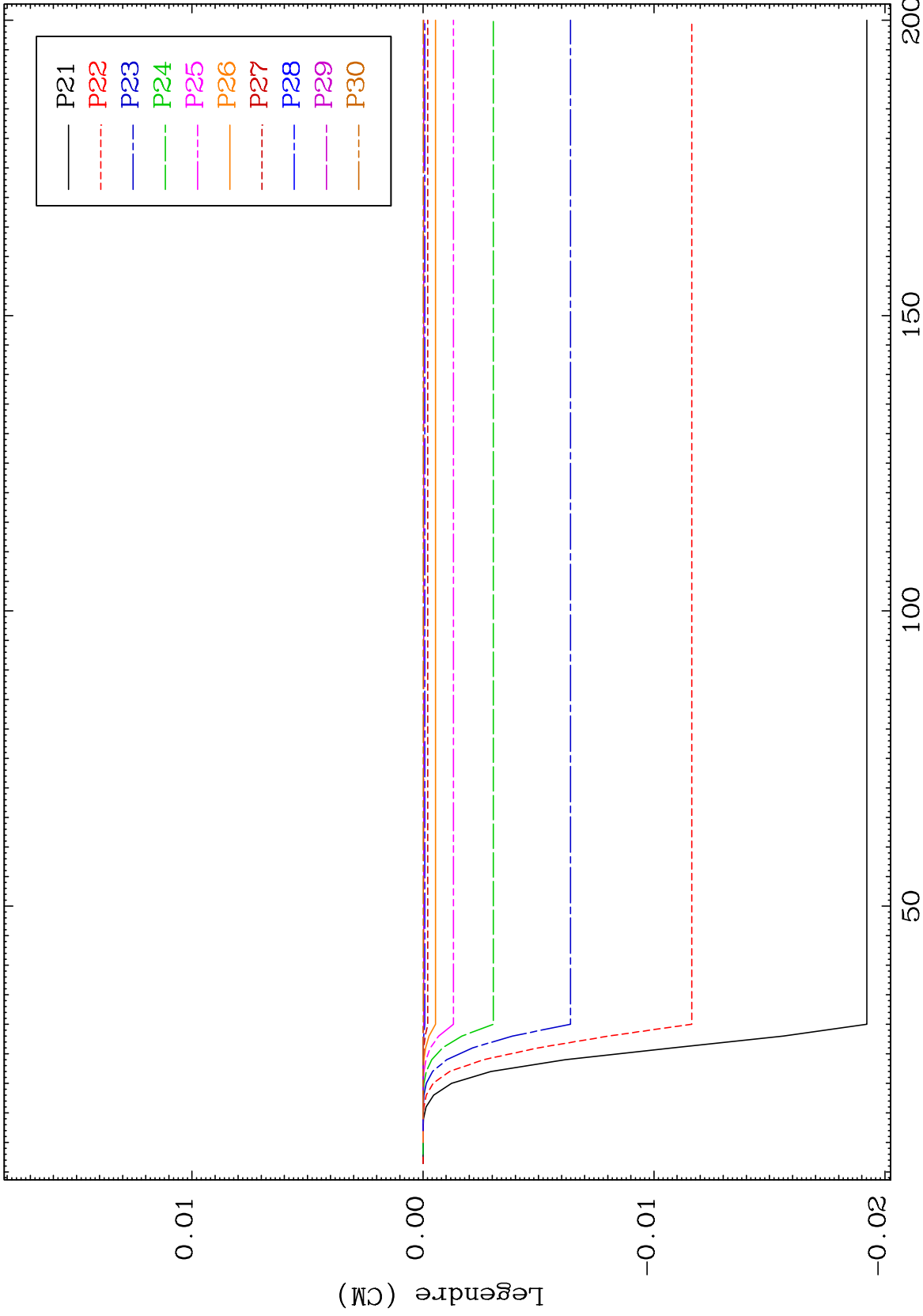
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



35

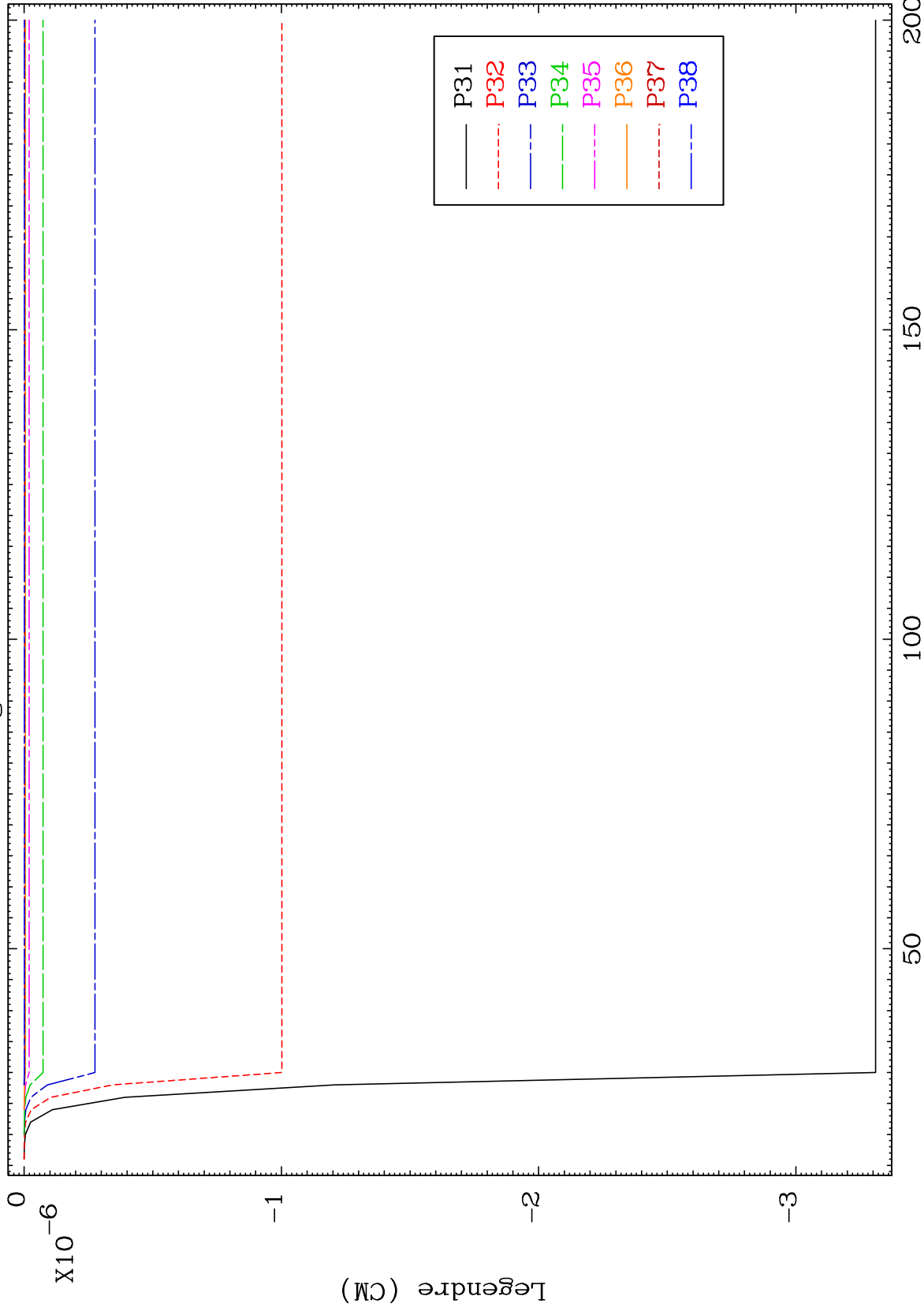
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



76-Os-191

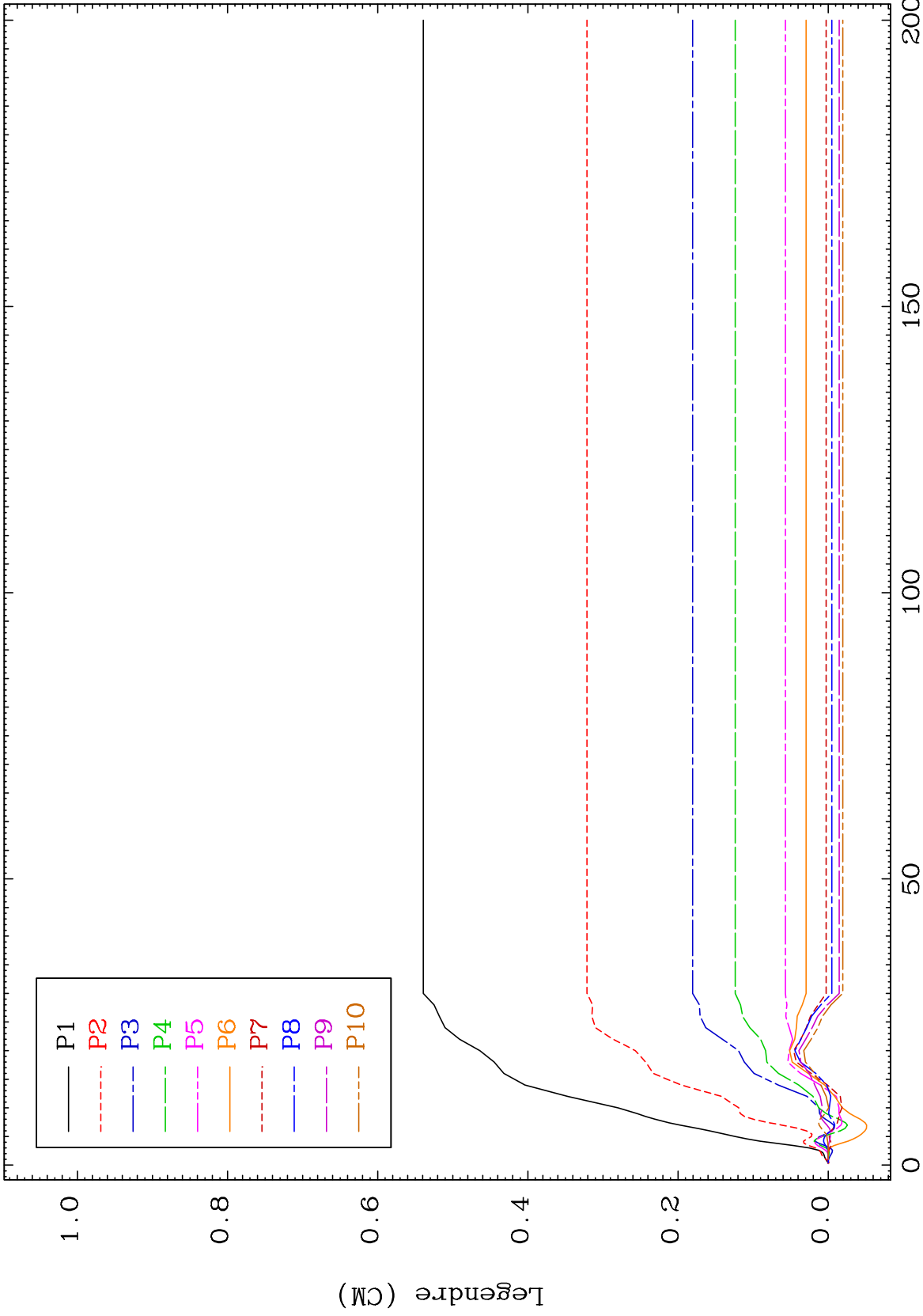
Incident Energy (MeV)

36

MAT 7646

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

76-Os-191



37

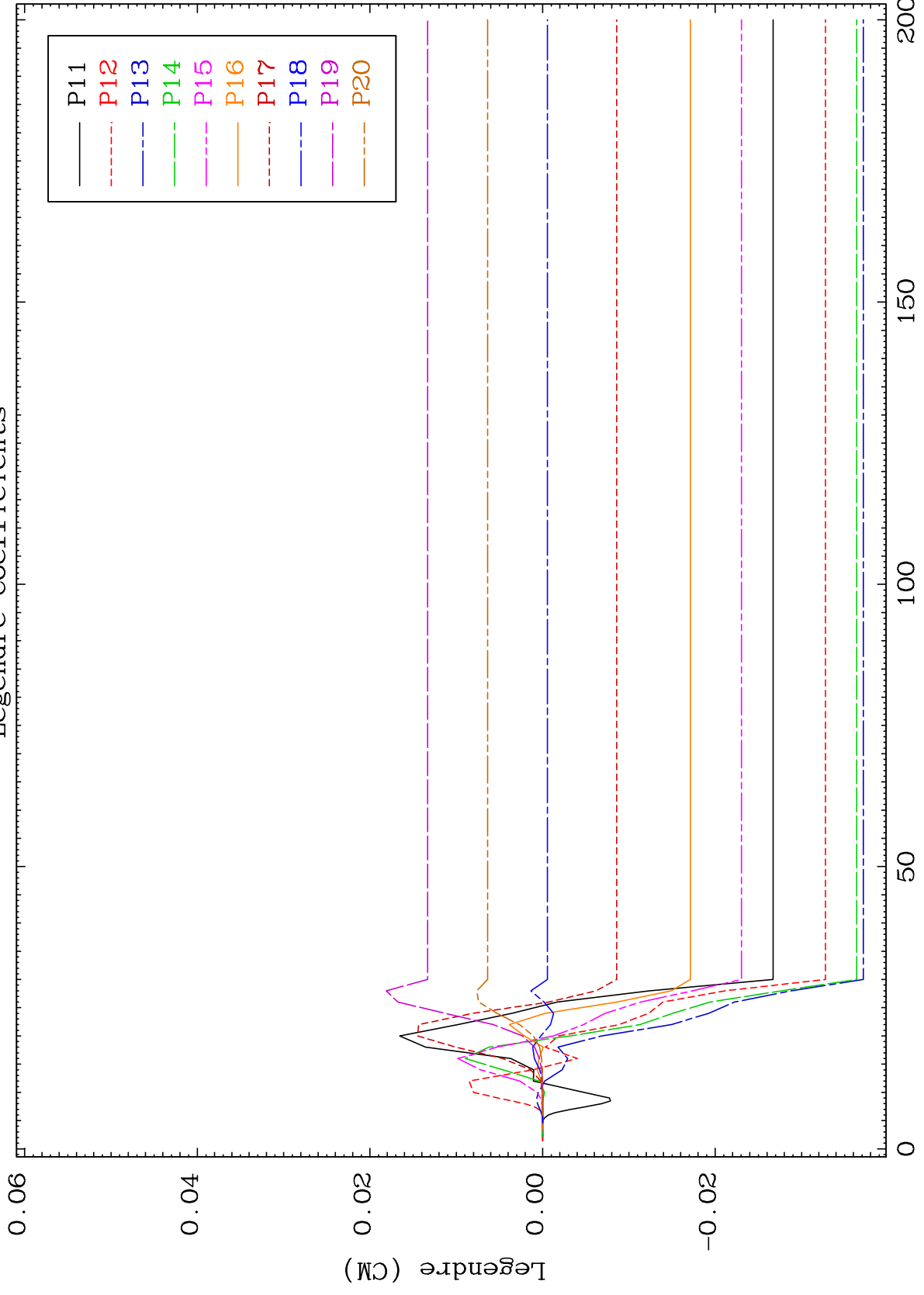
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



38

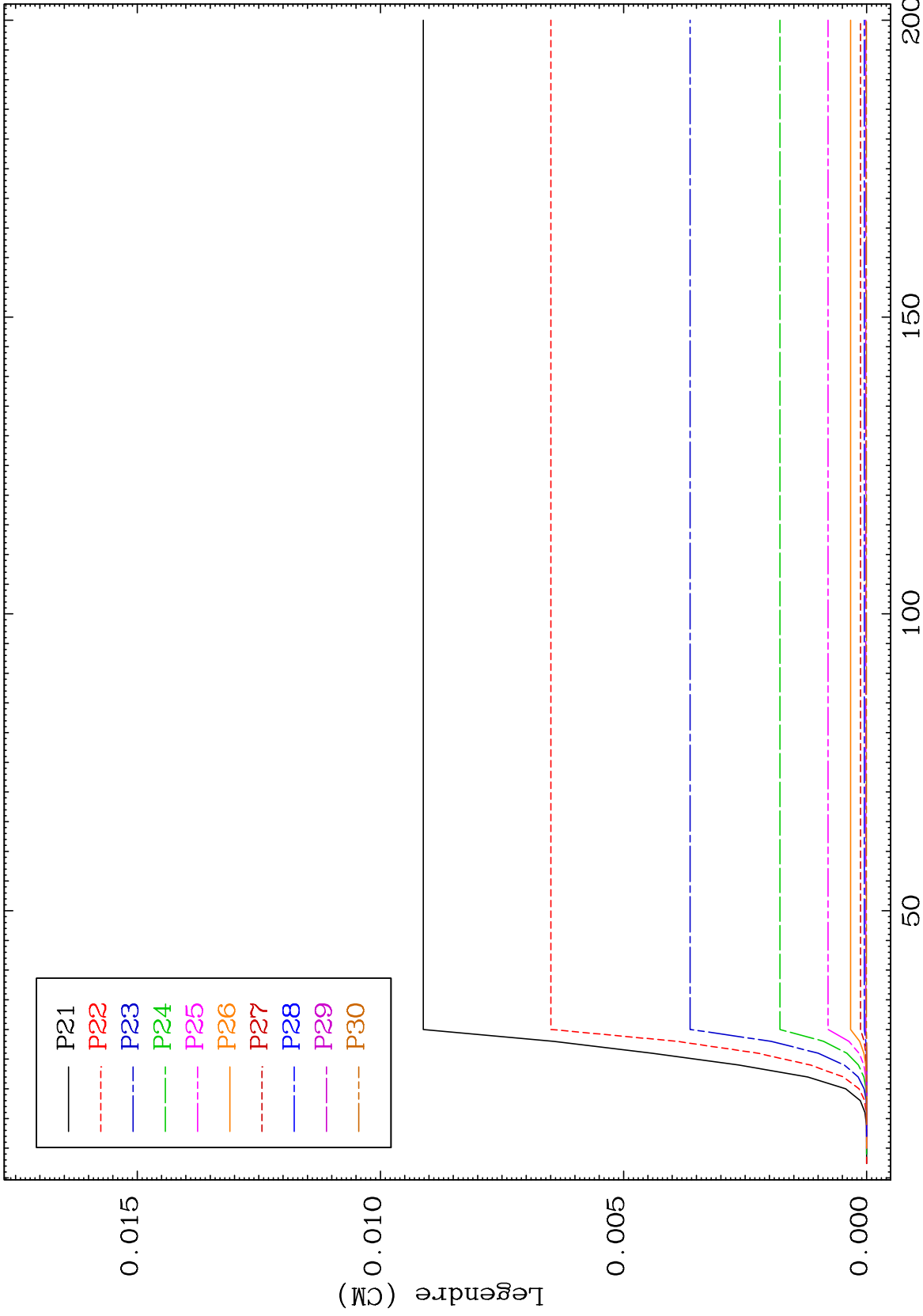
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



39

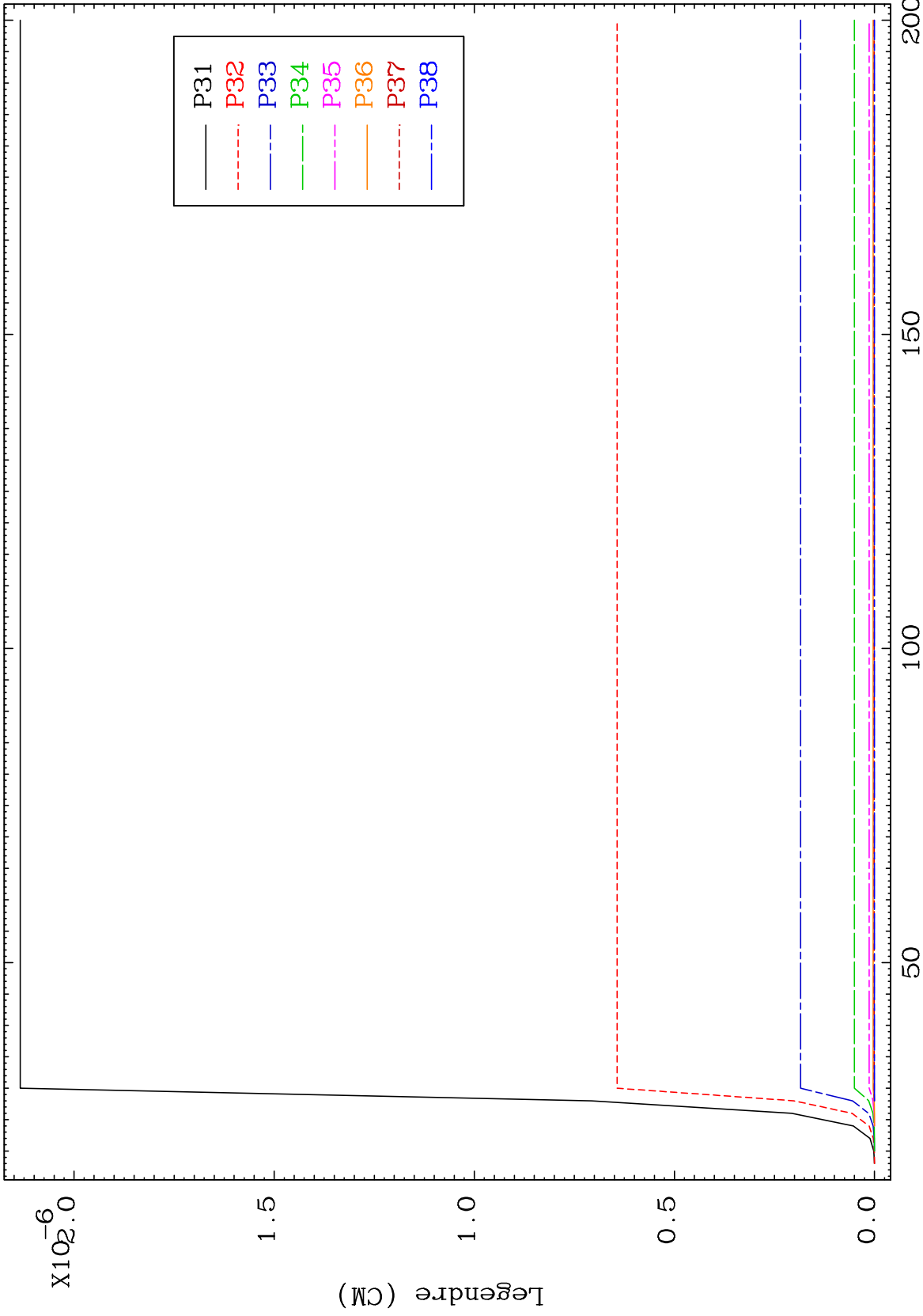
Incident Energy (MeV)

76-Os-191

MAT 7646

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

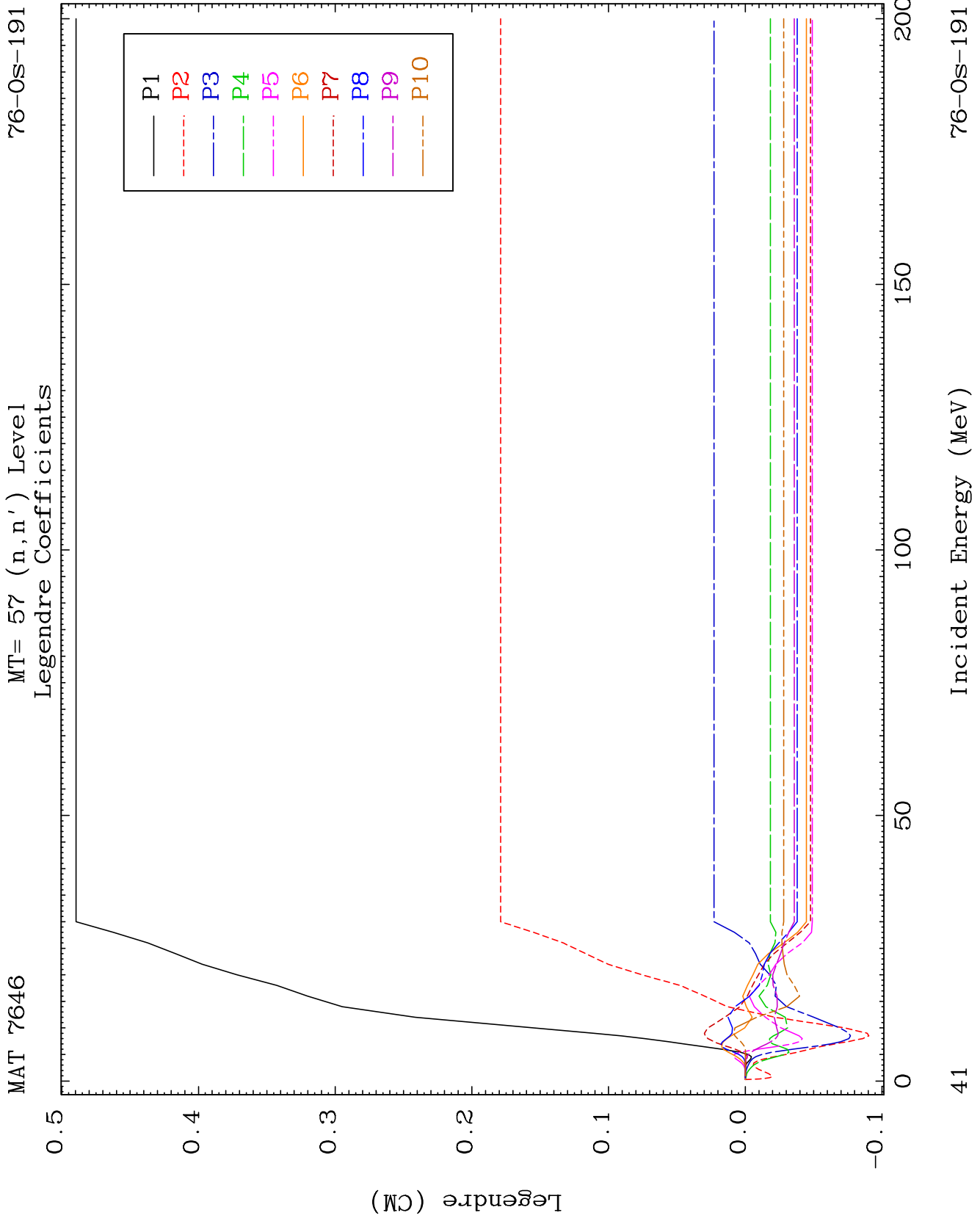
76-Os-191



40

Incident Energy (MeV)

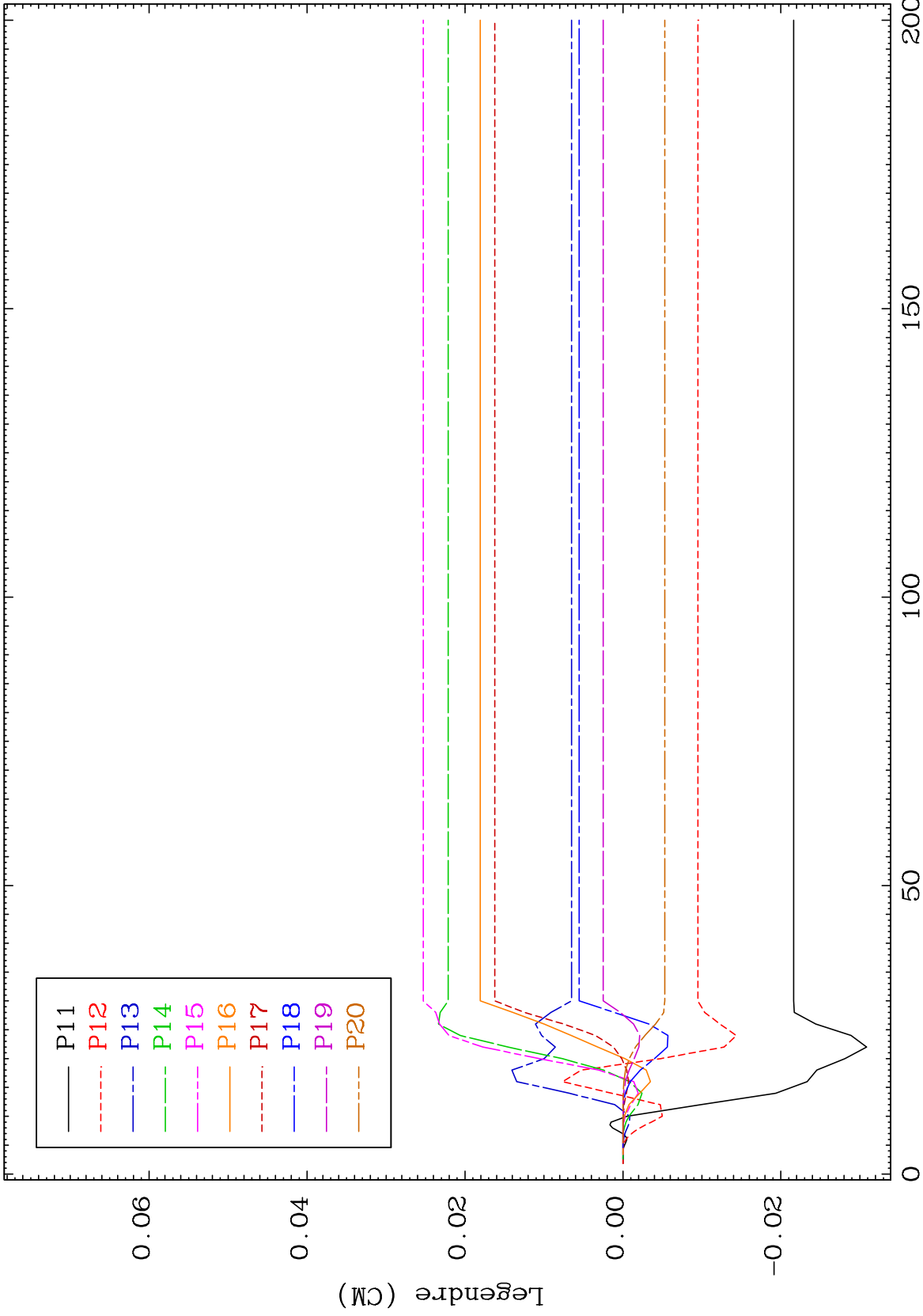
76-Os-191



MAT 7646

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

76-Os-191



42

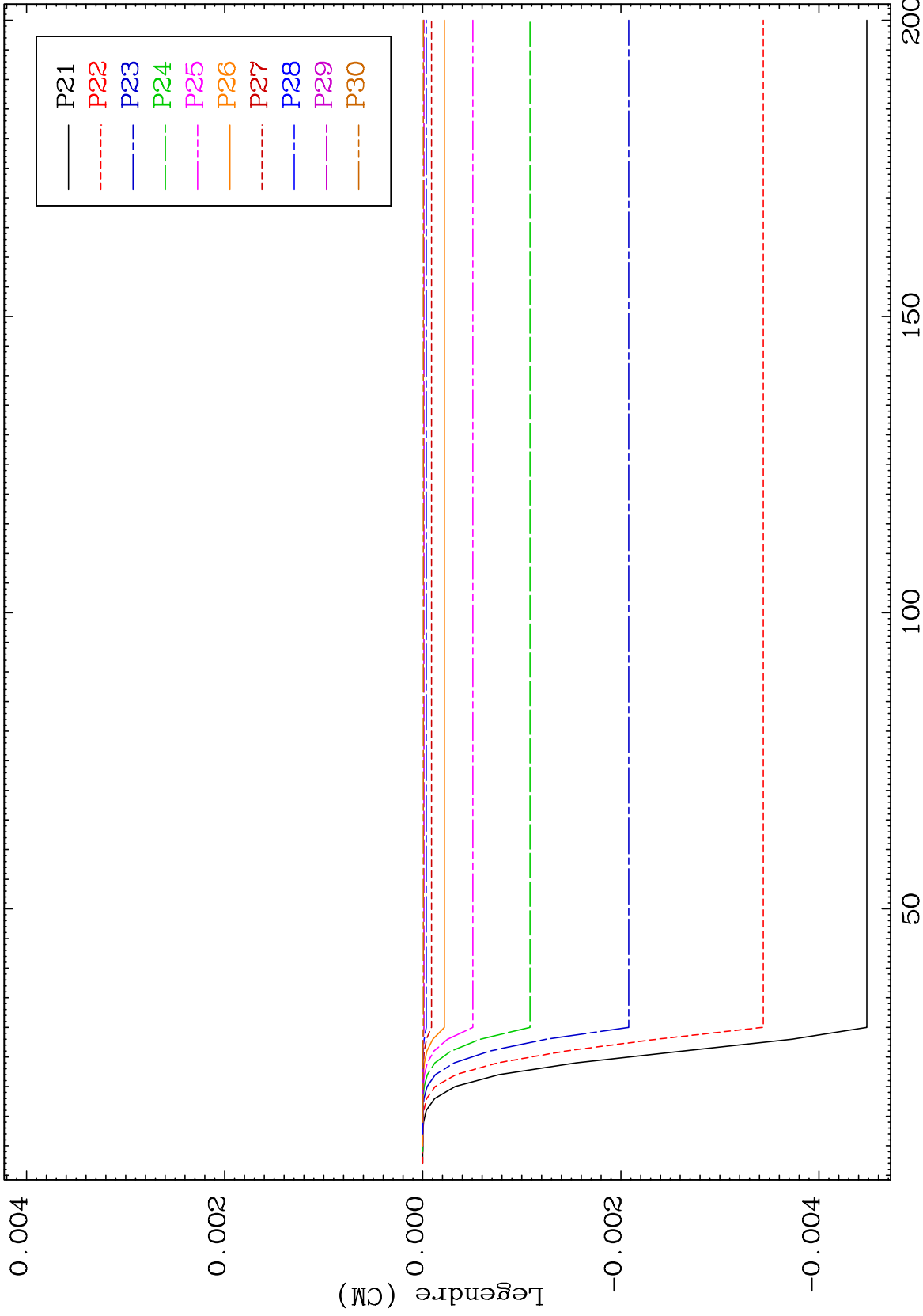
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191

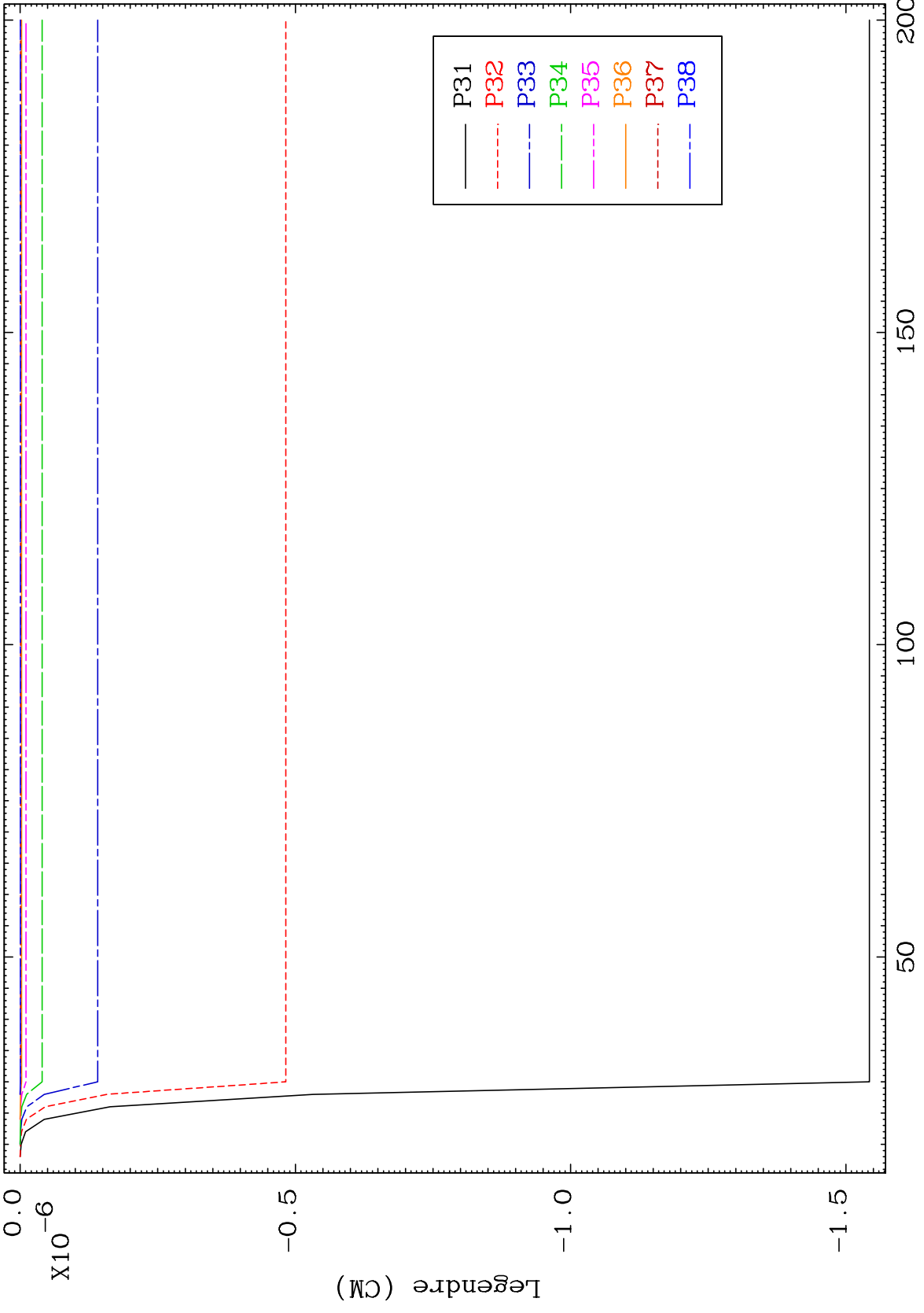


43

Incident Energy (MeV)

76-Os-191

MAT 7646 MT= 57 (n,n') Level Legendre Coefficients 76-Os-191

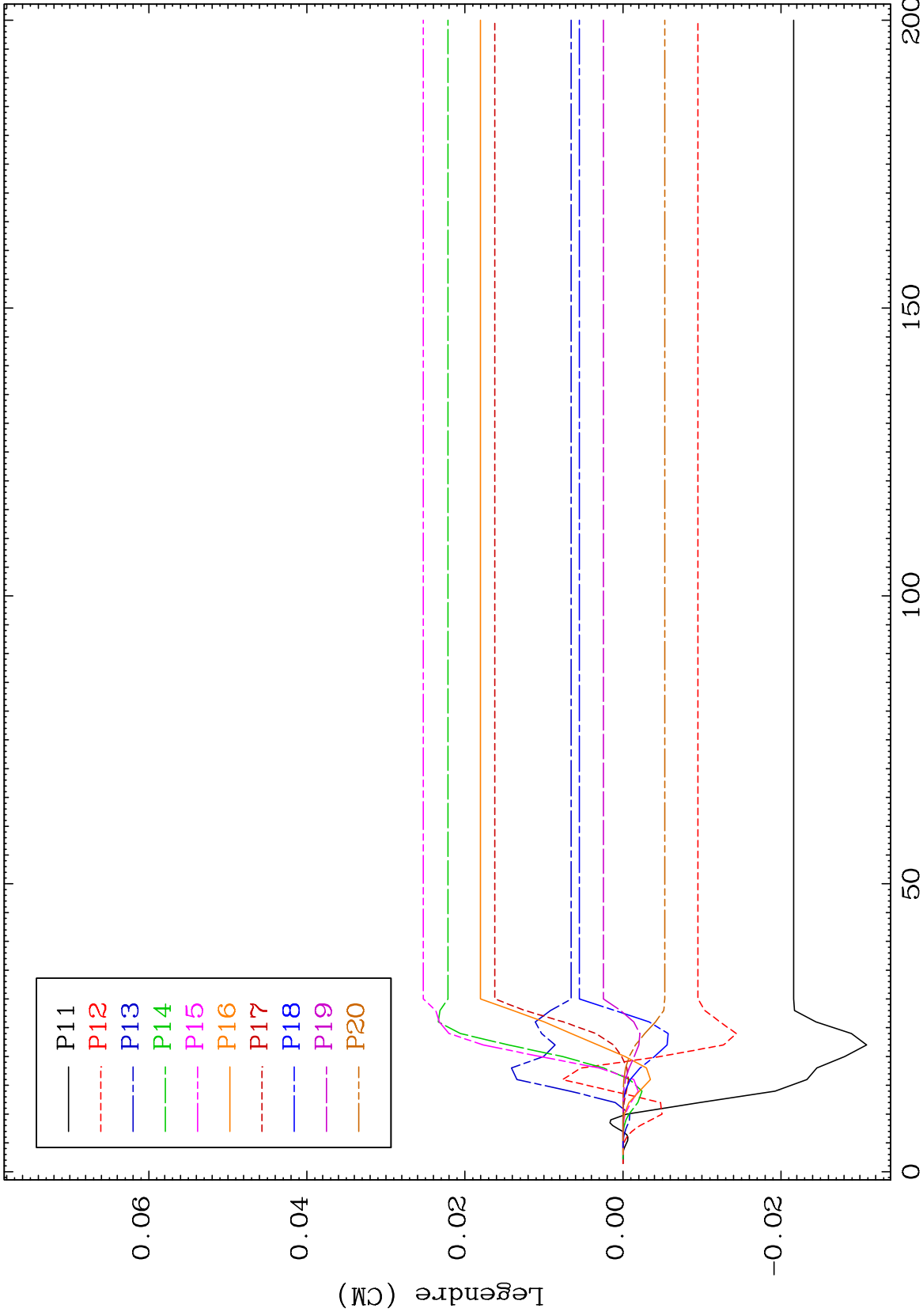


44 76-Os-191

MAT 7646

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

76-Os-191



46

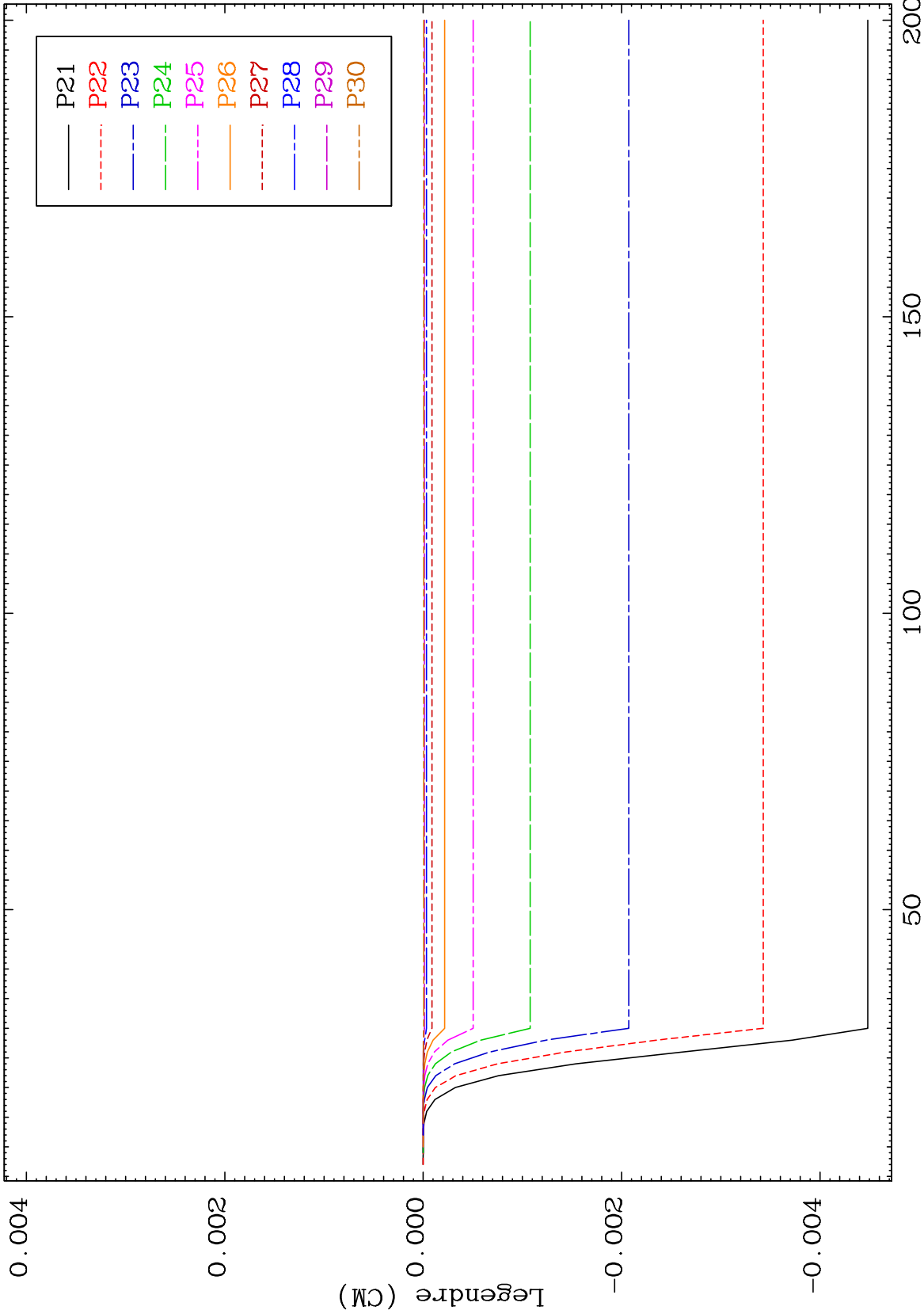
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191

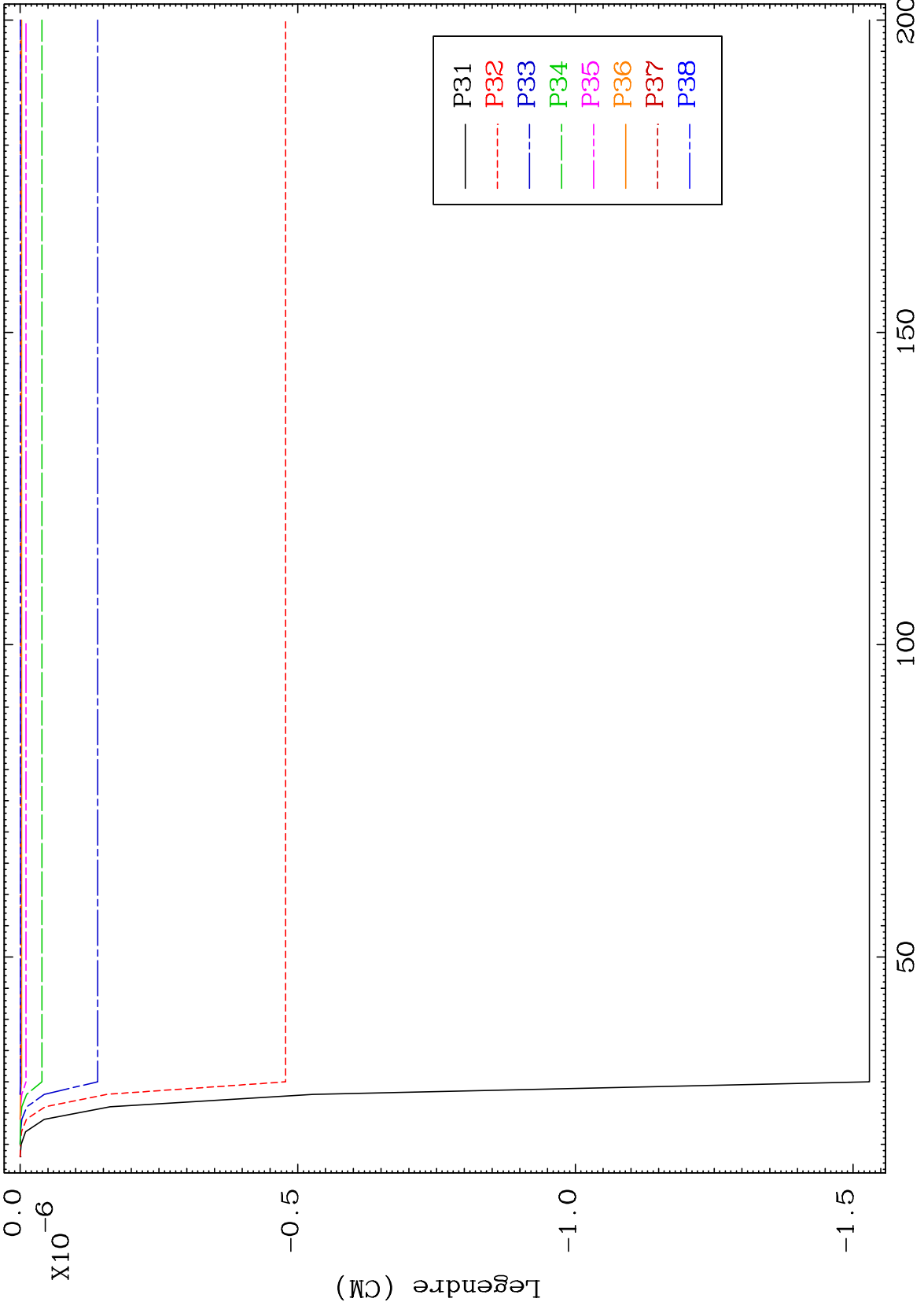


47

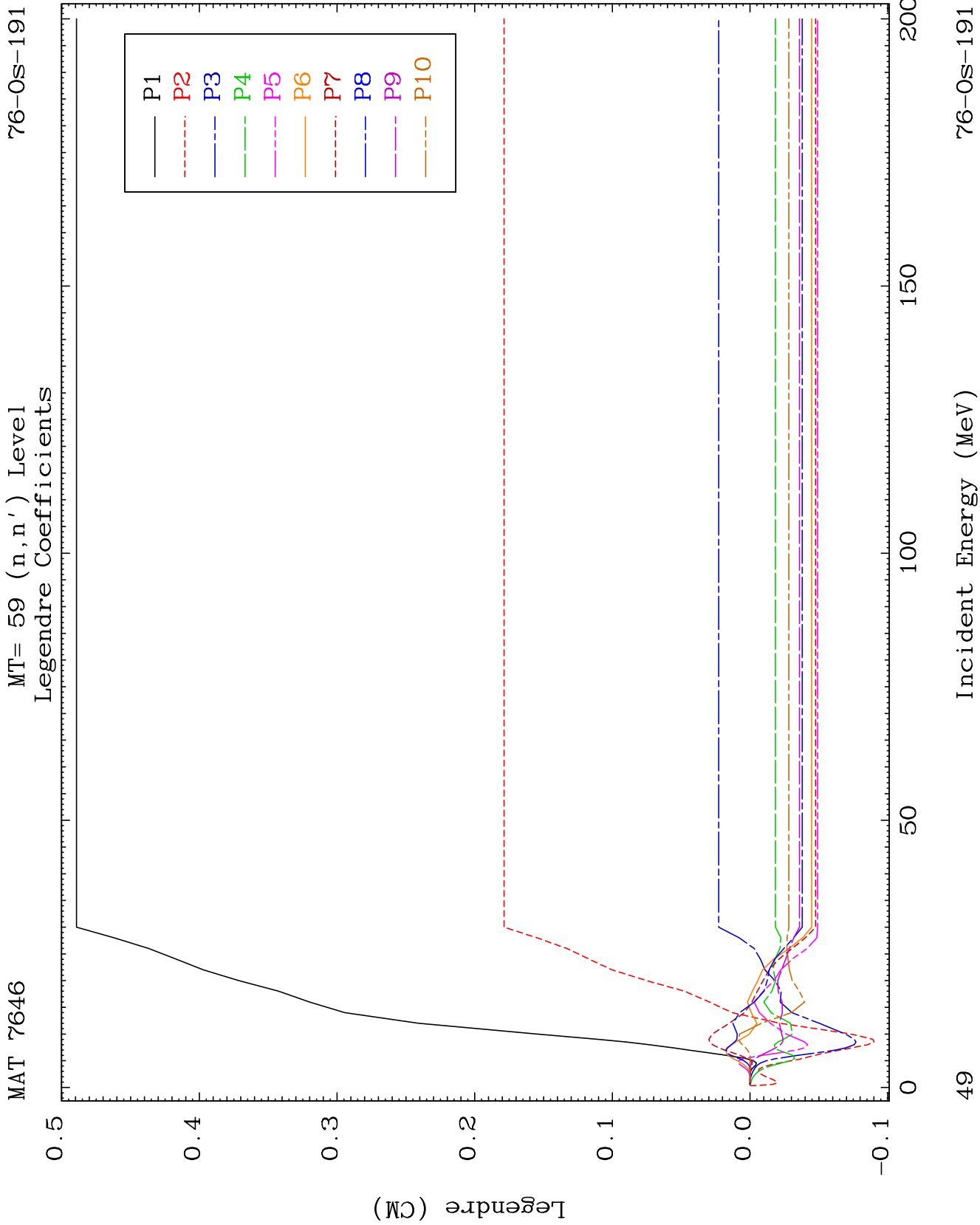
Incident Energy (MeV)

76-Os-191

MAT 7646 MT= 58 (n,n') Level Legendre Coefficients 76-Os-191



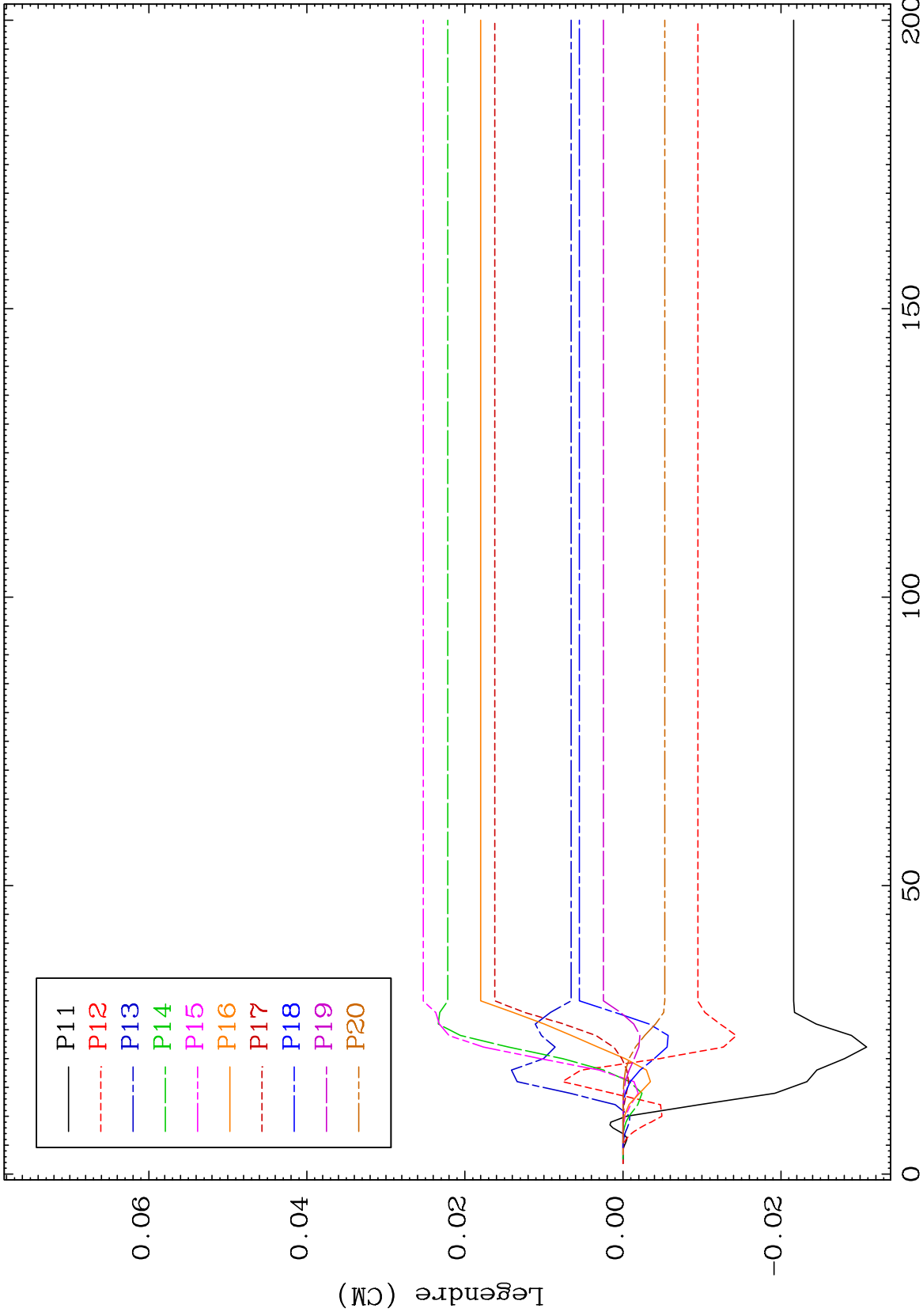
48 Incident Energy (MeV) 76-Os-191



MAT 7646

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

76-Os-191



50

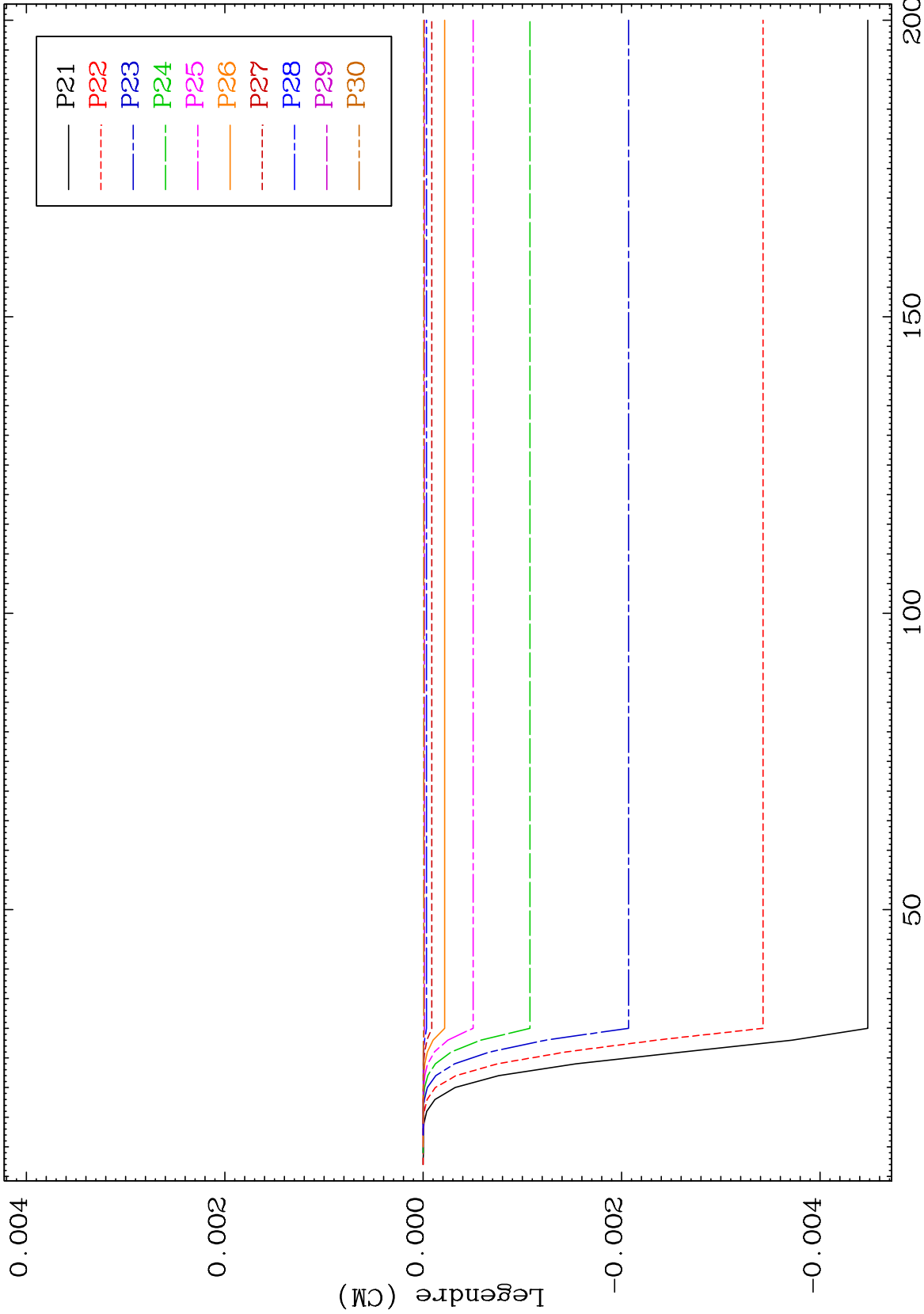
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191

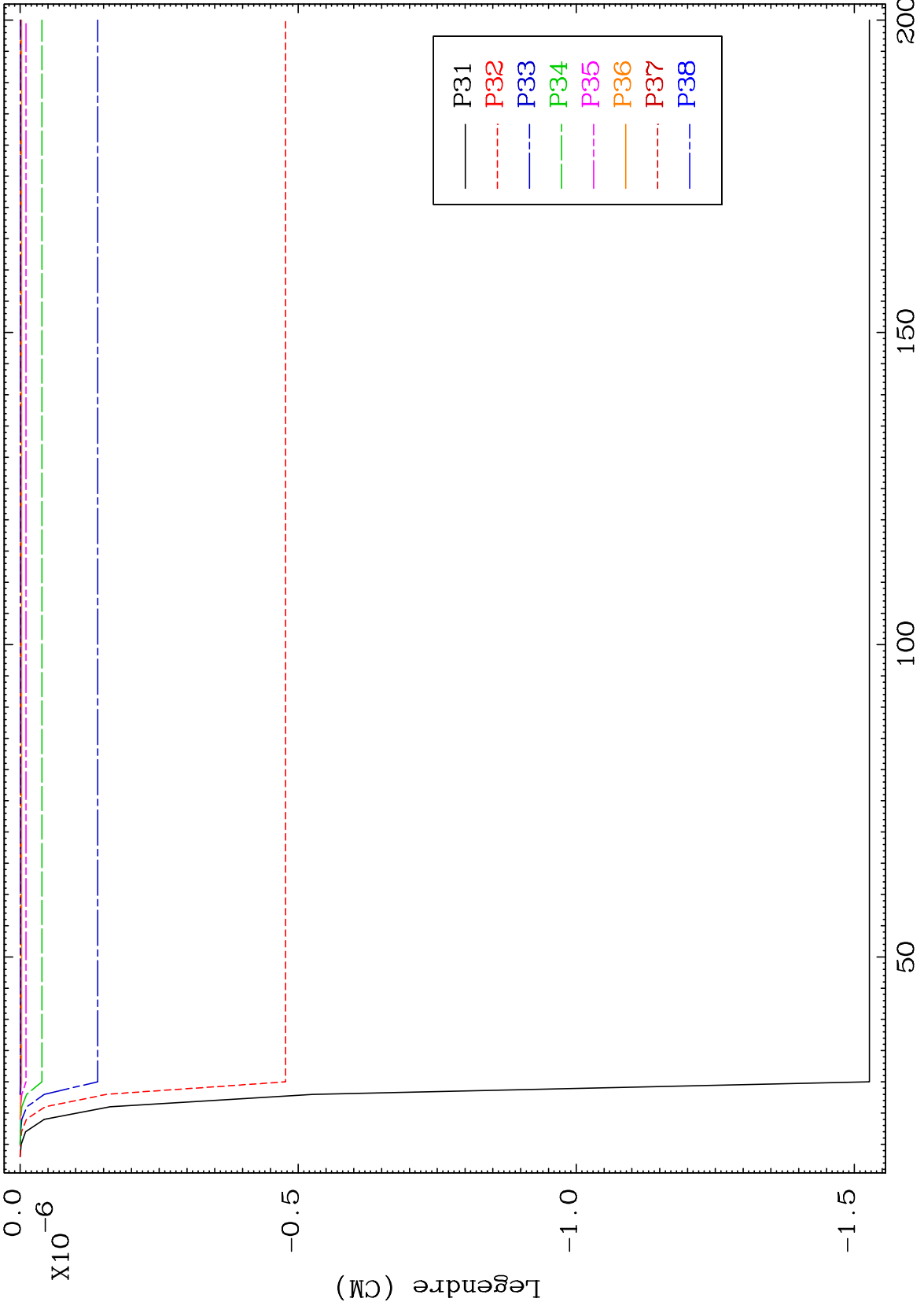


51

Incident Energy (MeV)

76-Os-191

MAT 7646 MT= 59 (n,n') Level Legendre Coefficients 76-Os-191

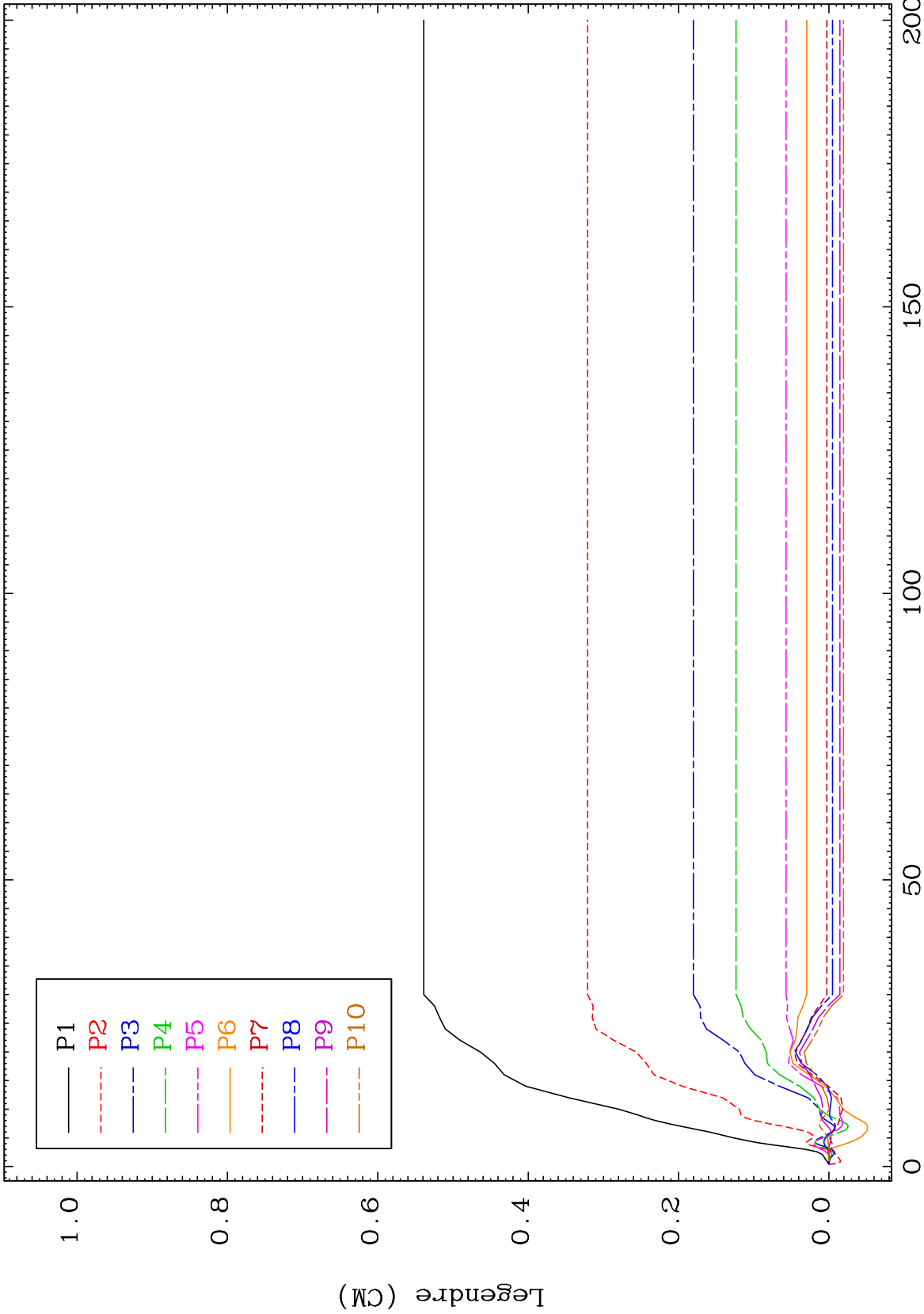


52 76-Os-191

MAT 7646

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

76-Os-191



53

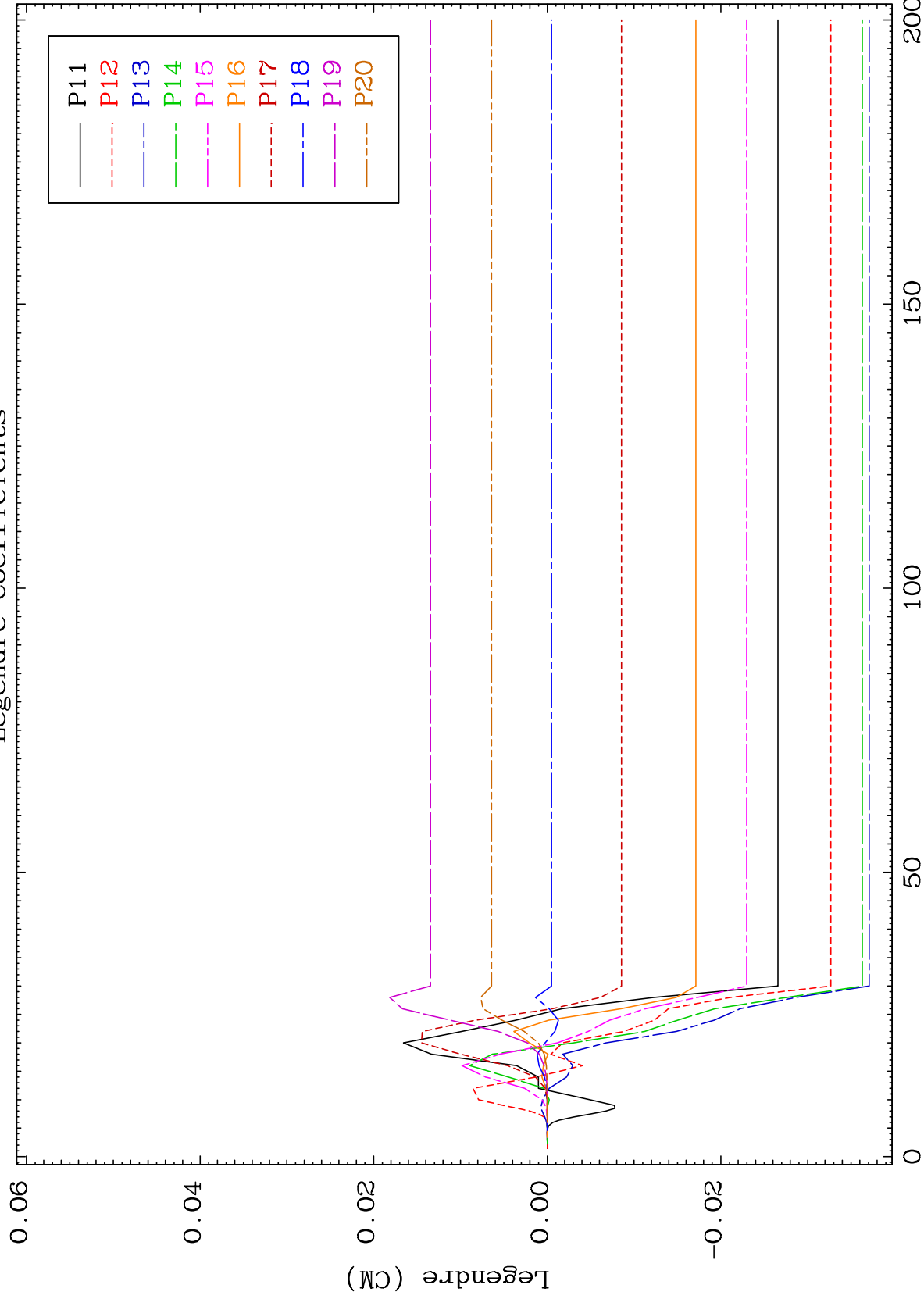
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



54

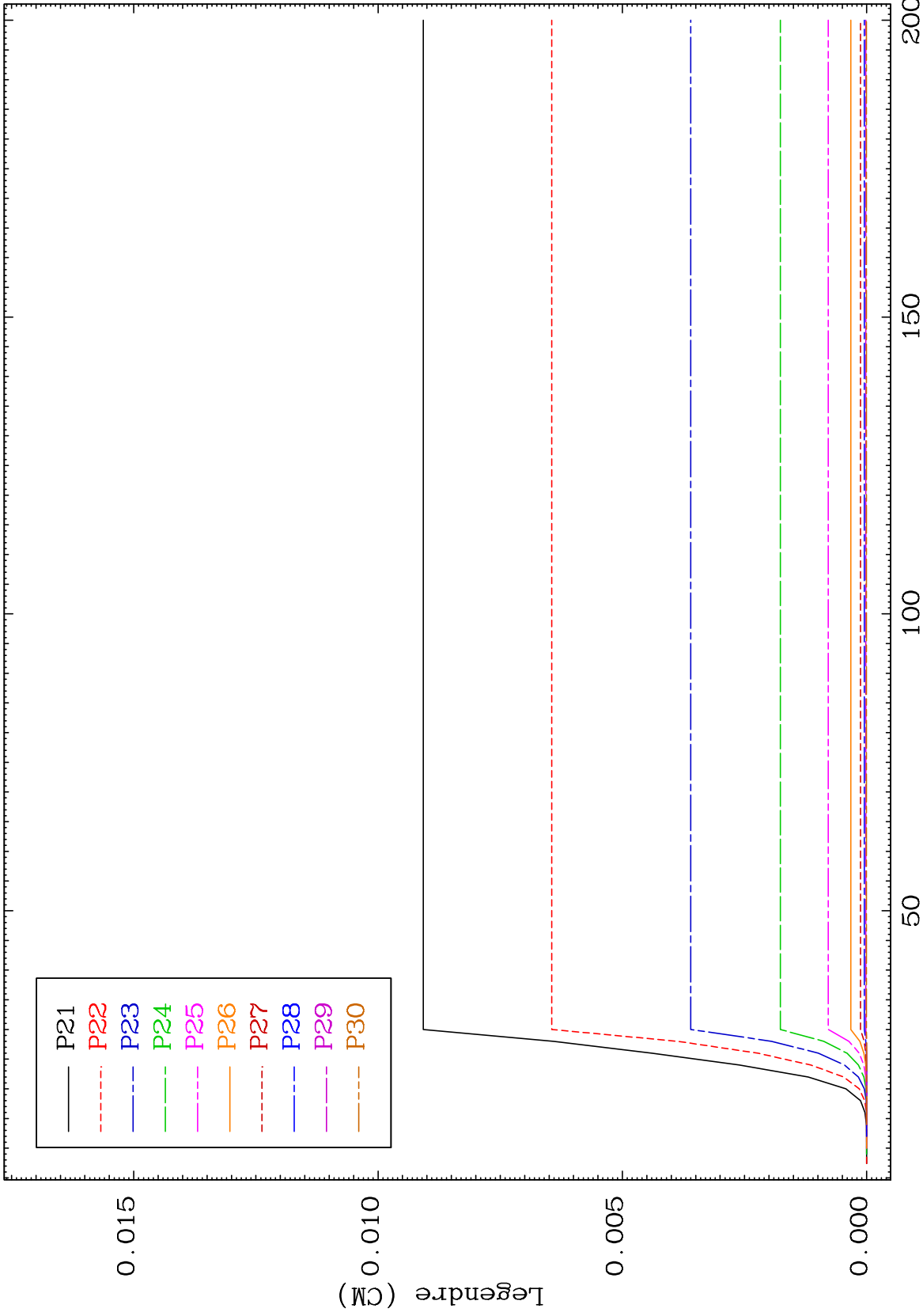
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



55

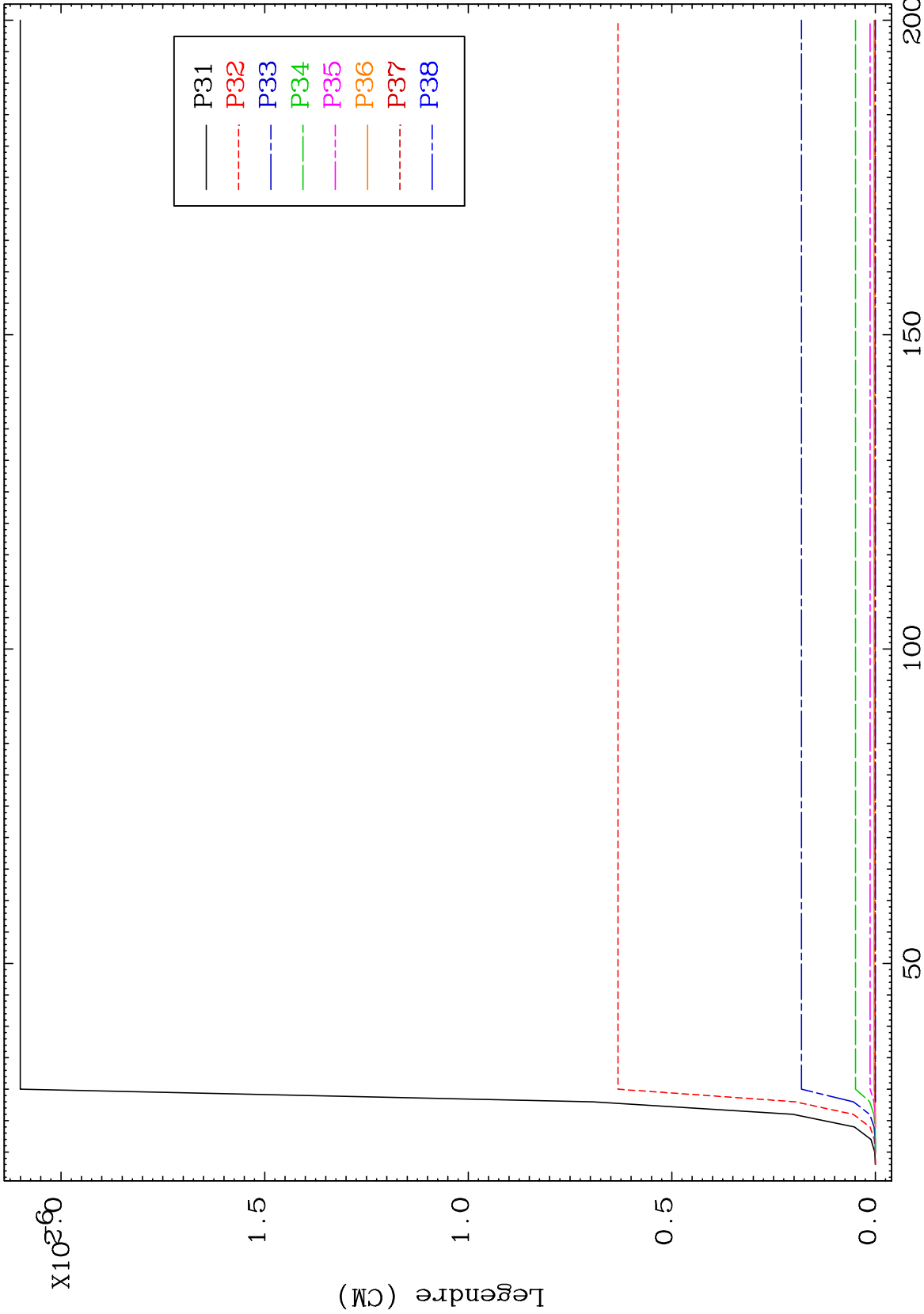
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



56

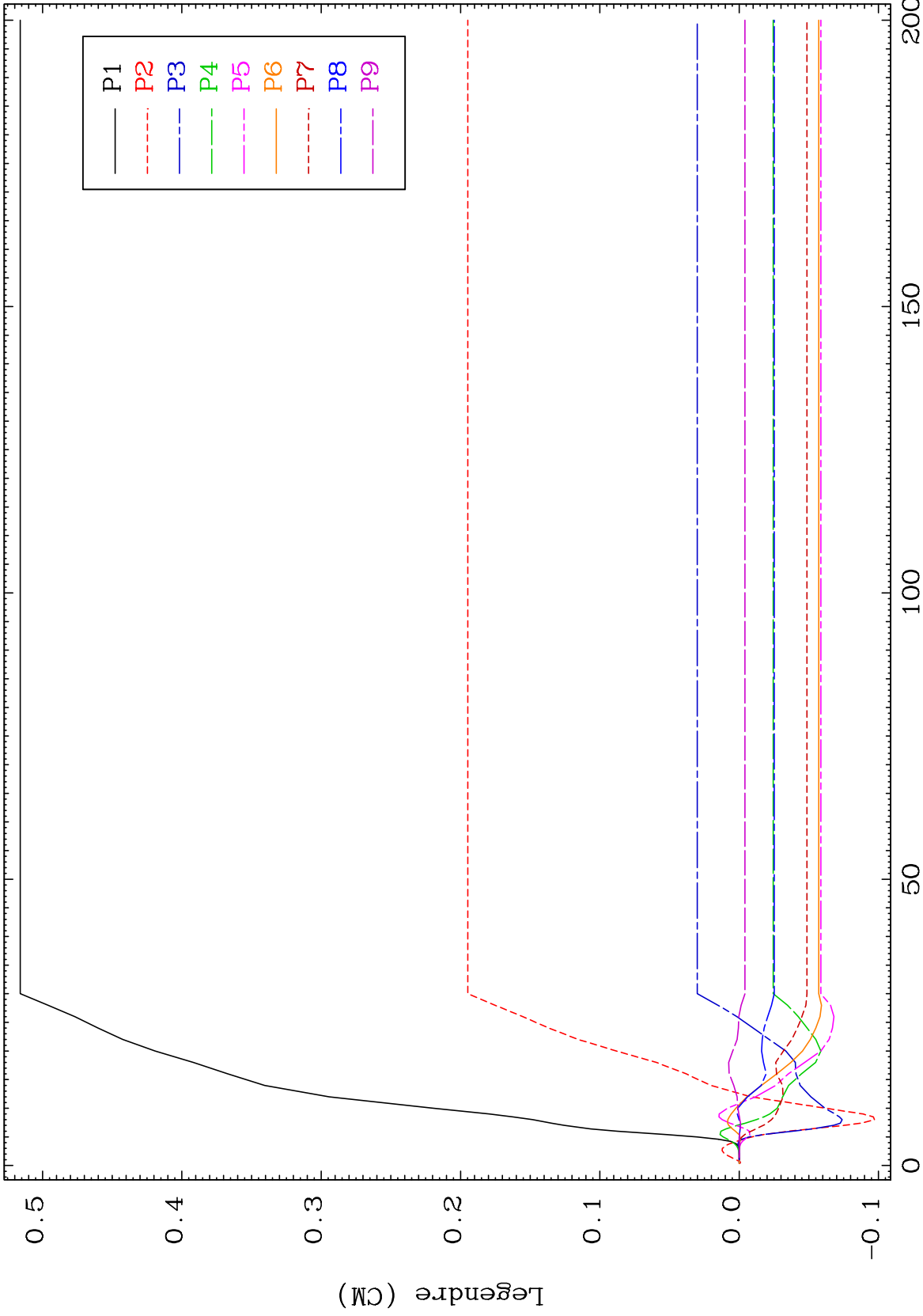
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



57

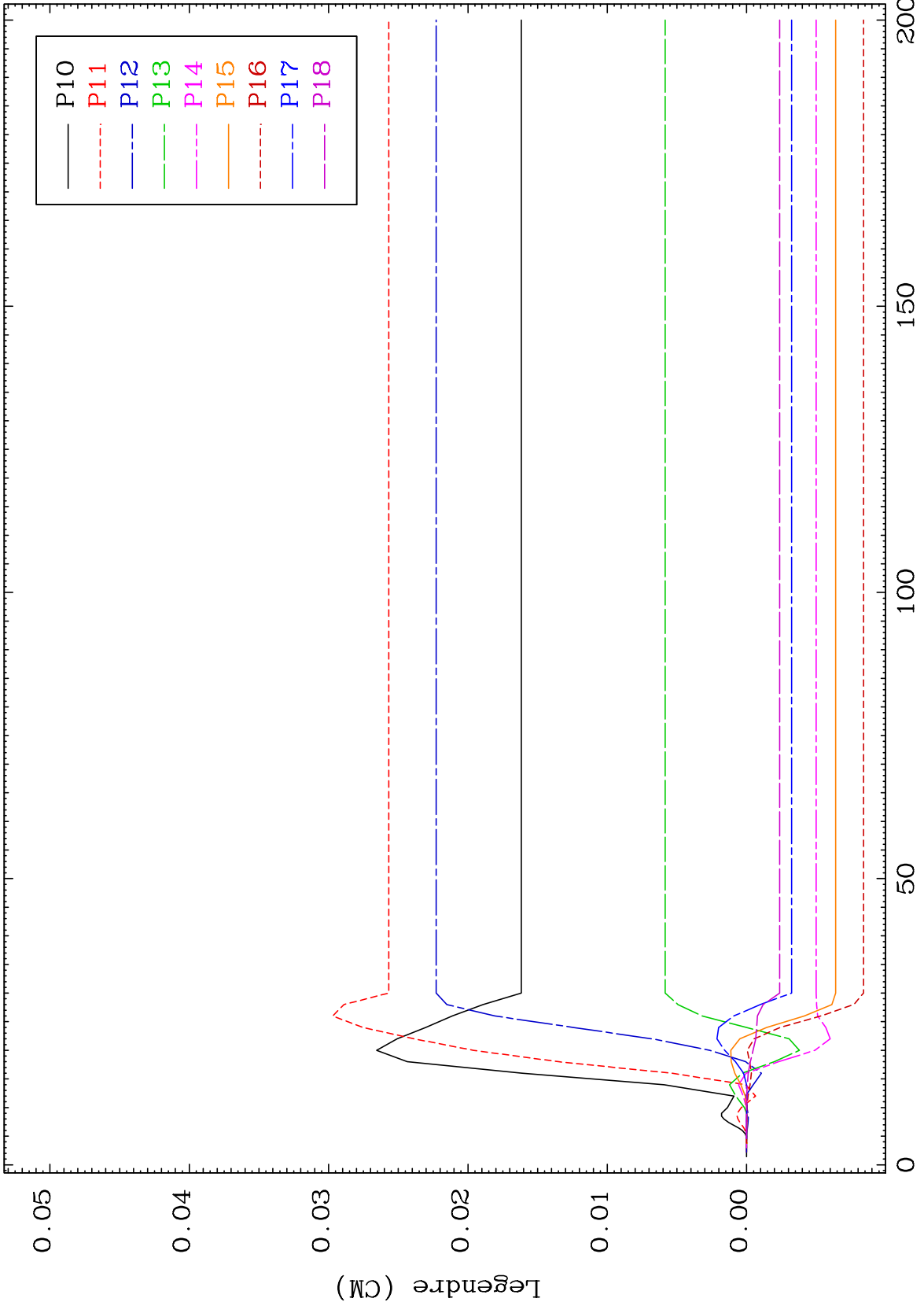
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



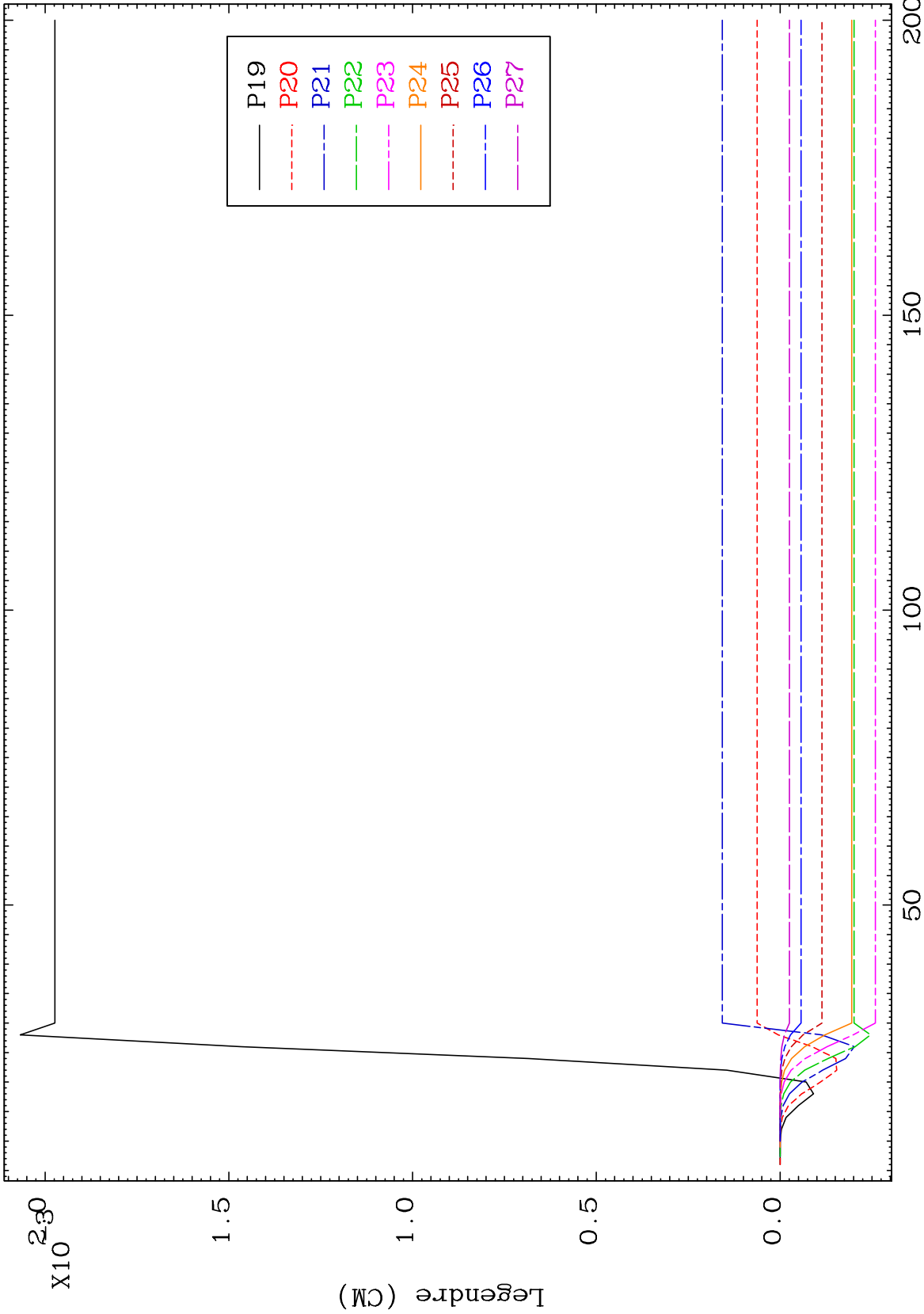
58

76-Os-191

MAT 7646

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

76-Os-191



59

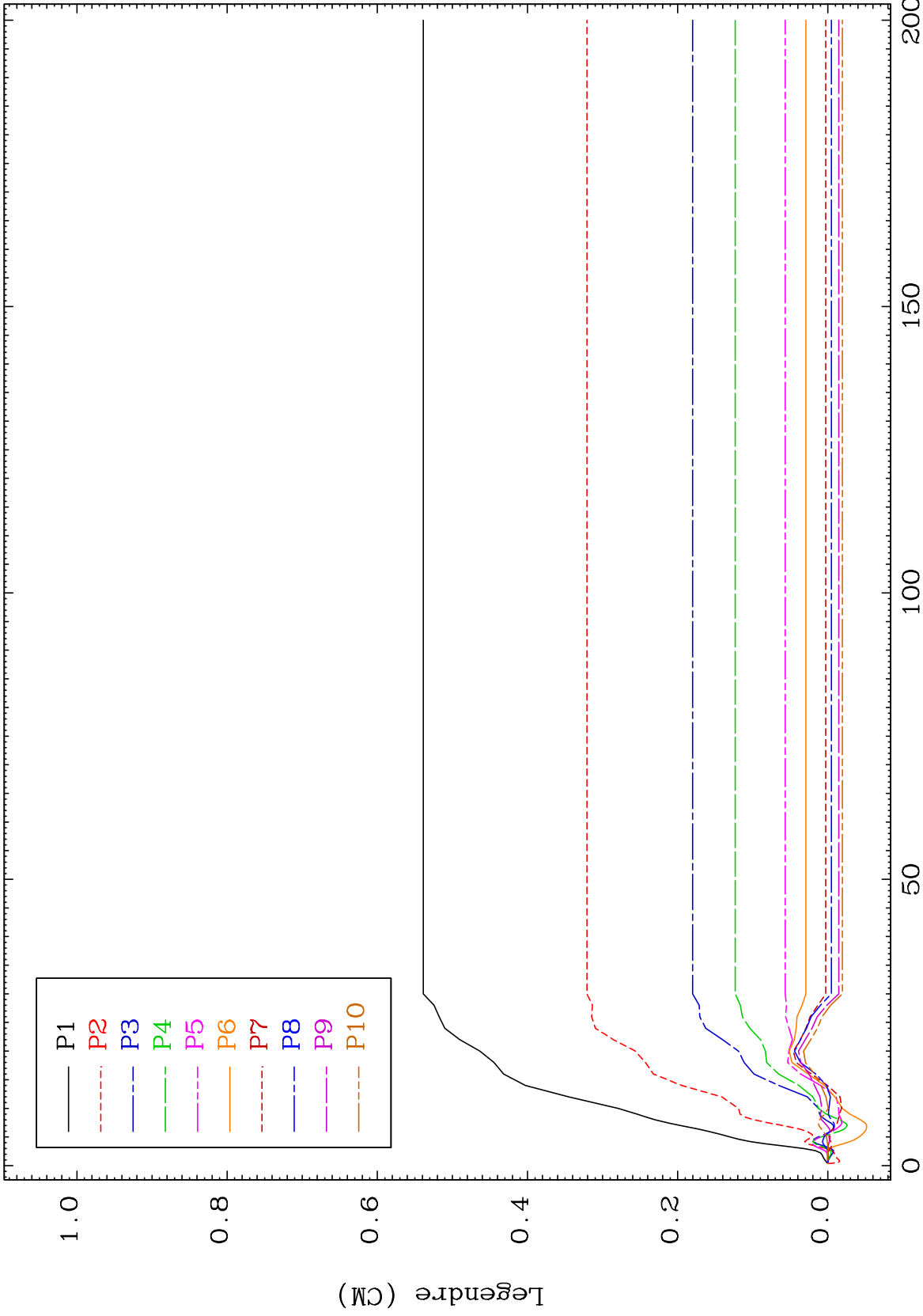
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



61

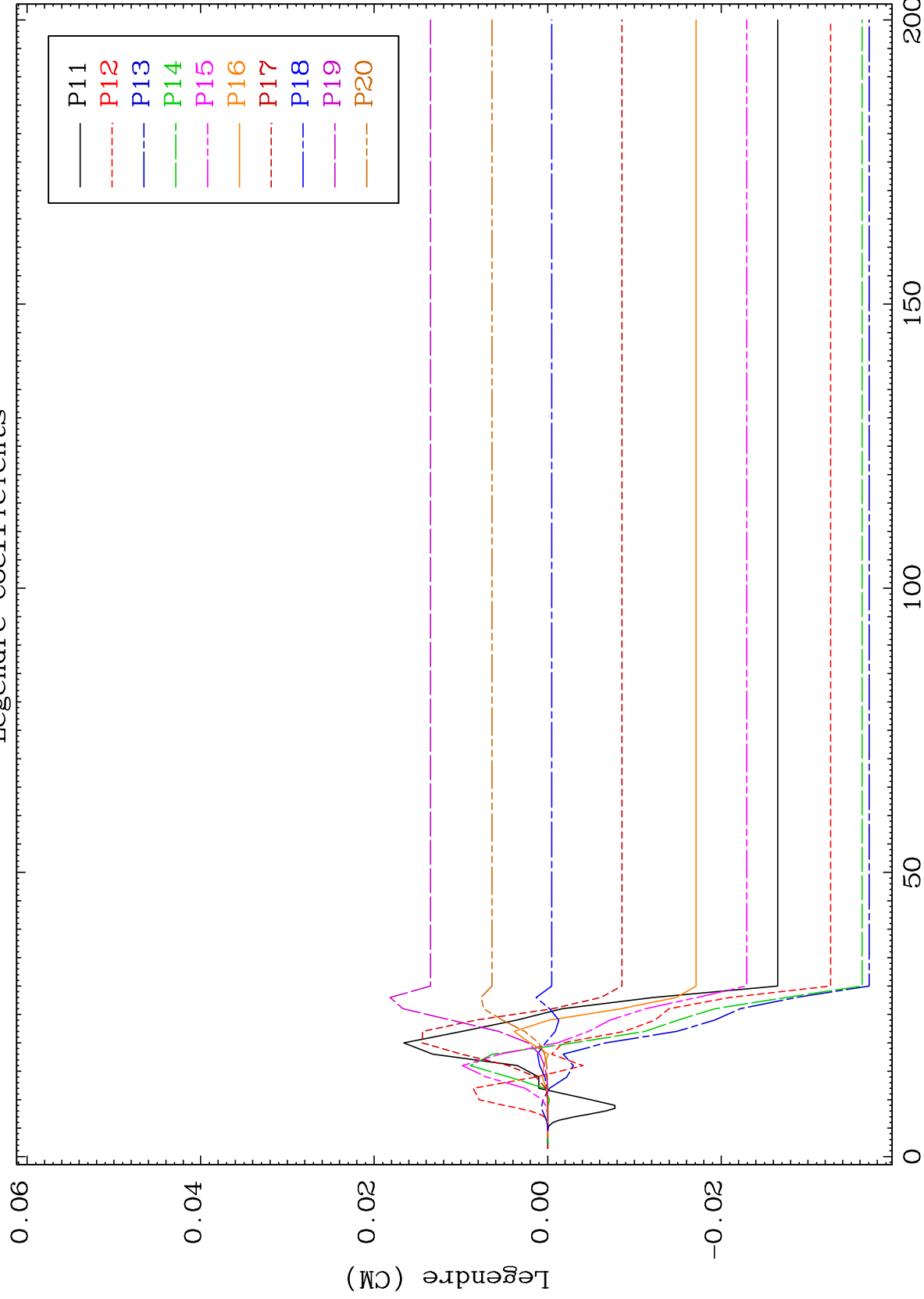
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



62

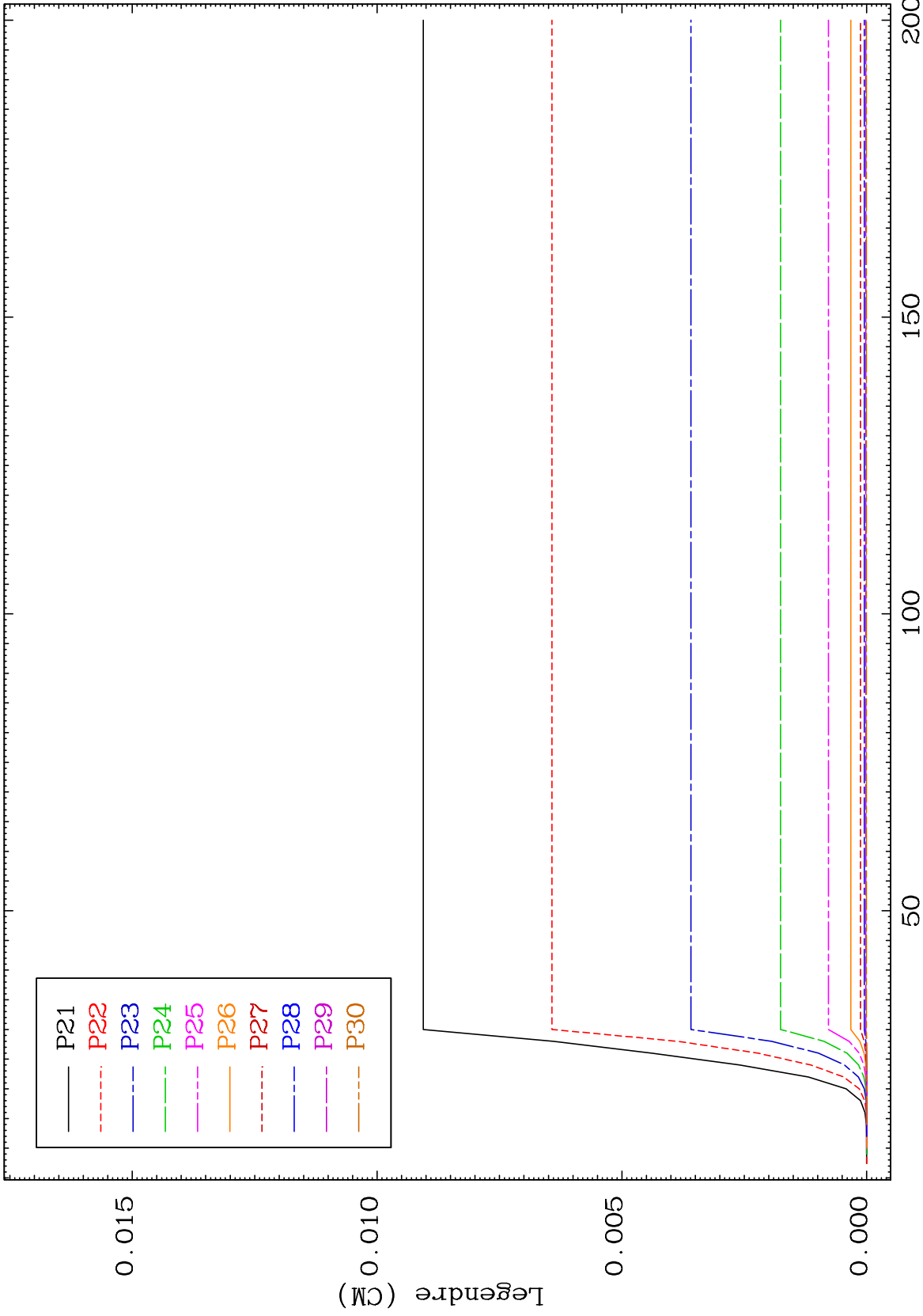
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



63

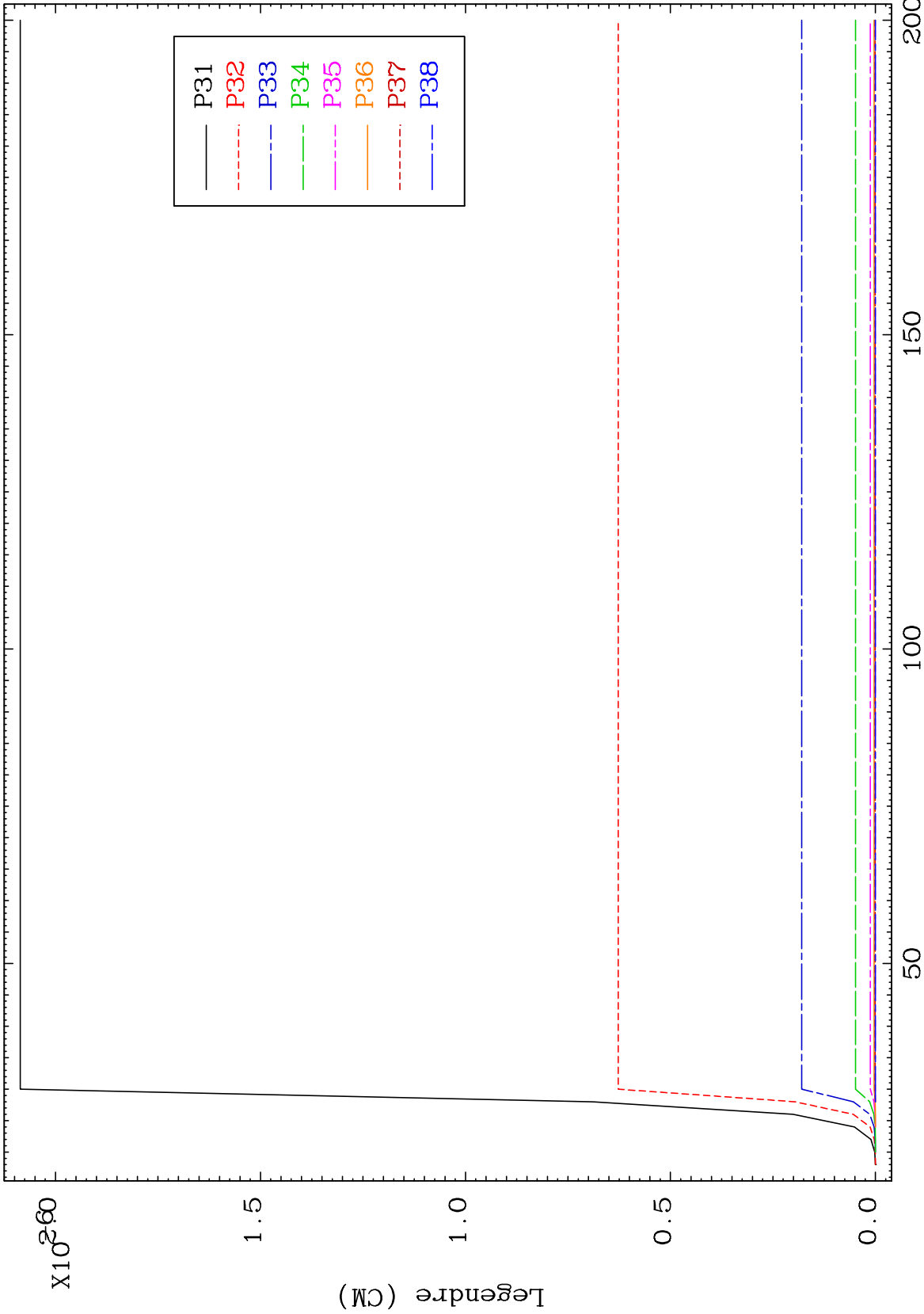
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



64

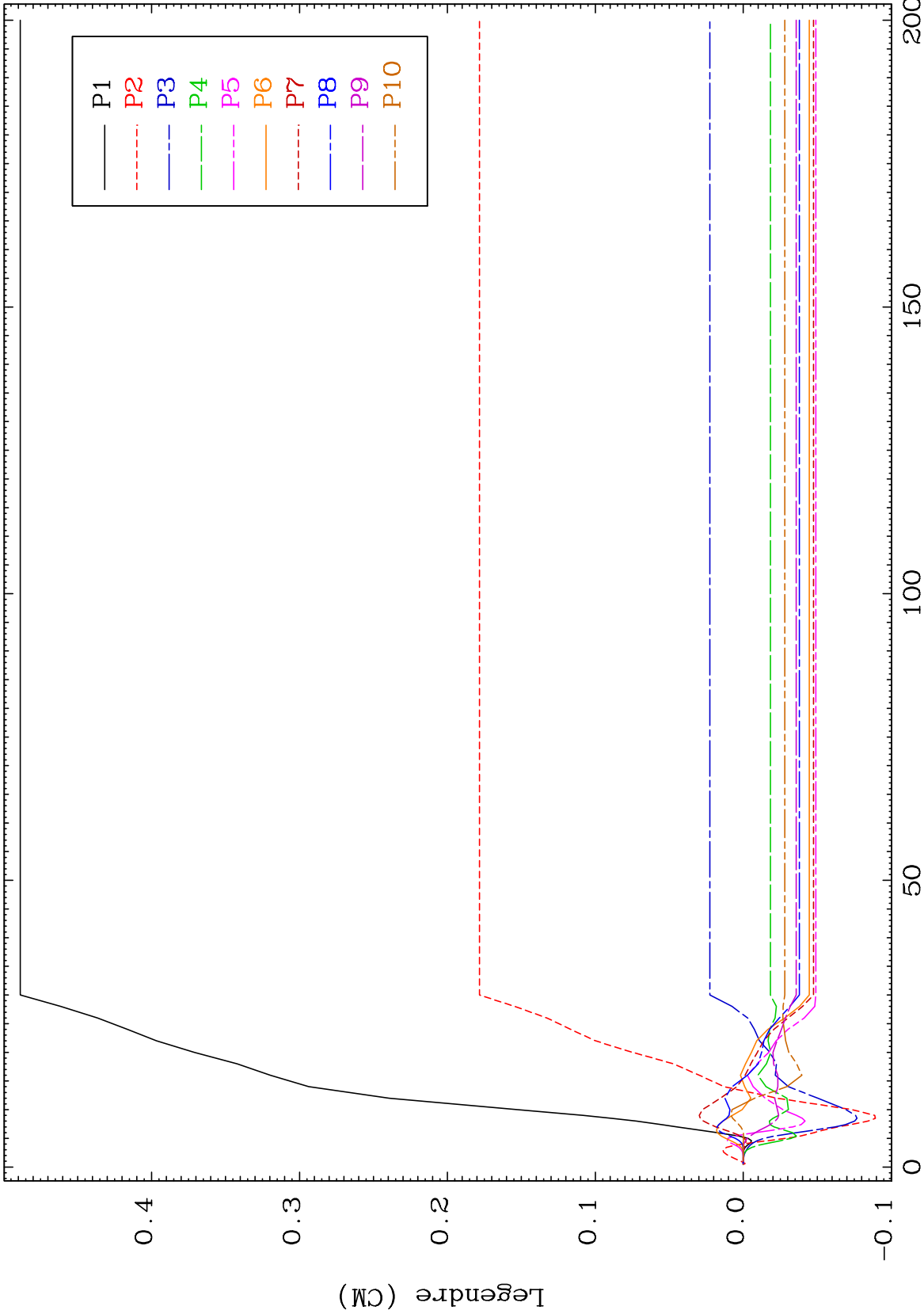
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



65

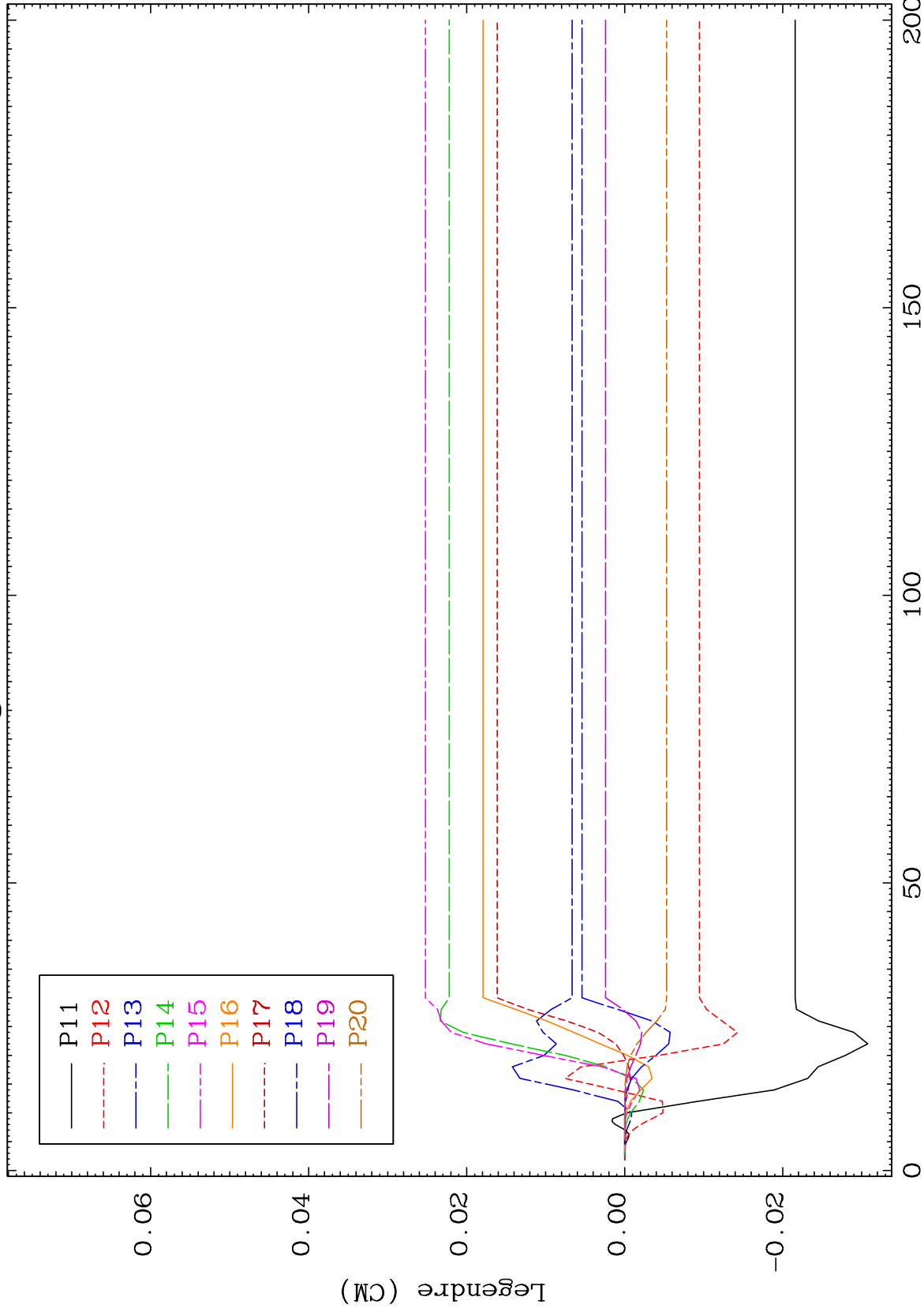
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



66

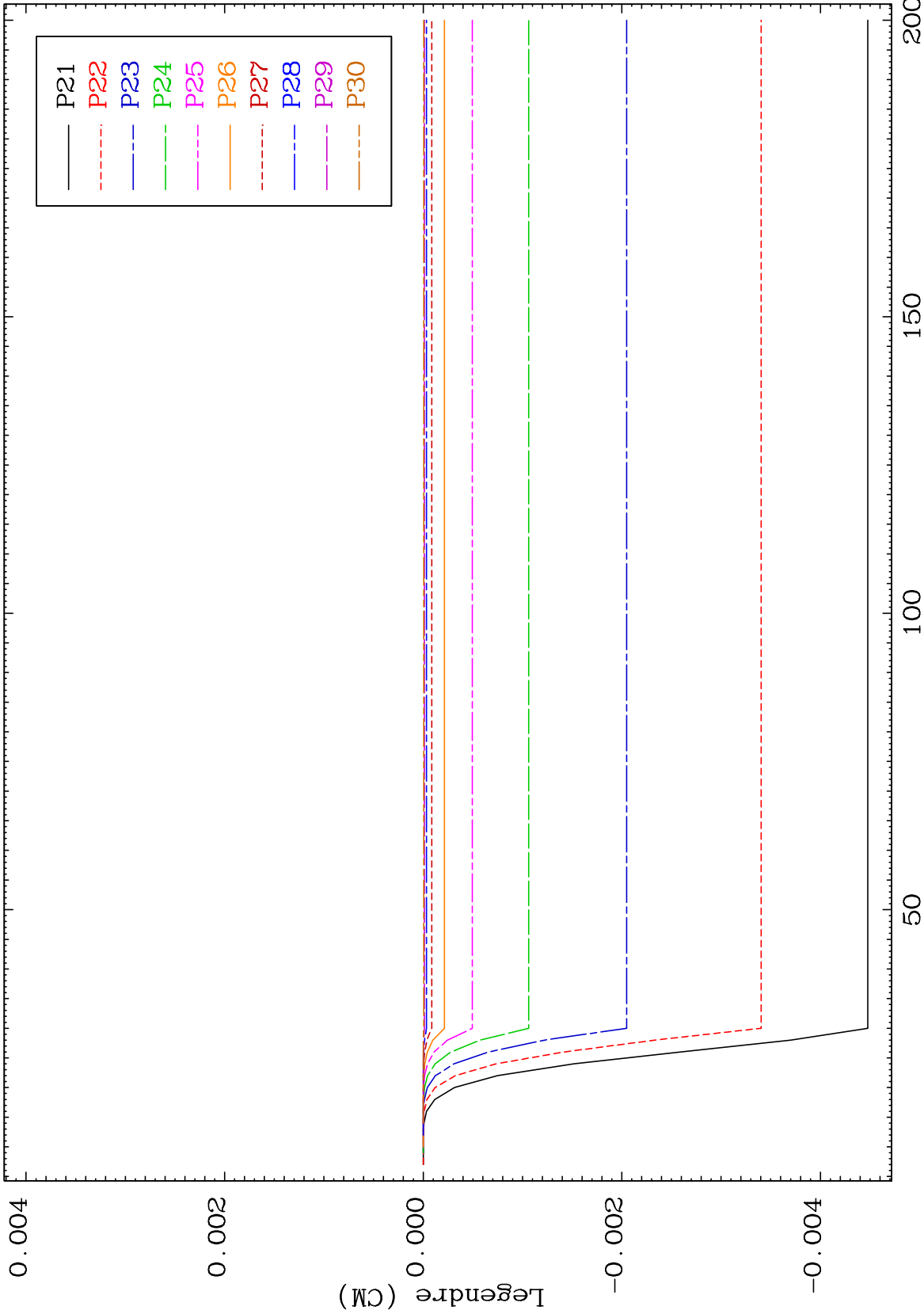
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



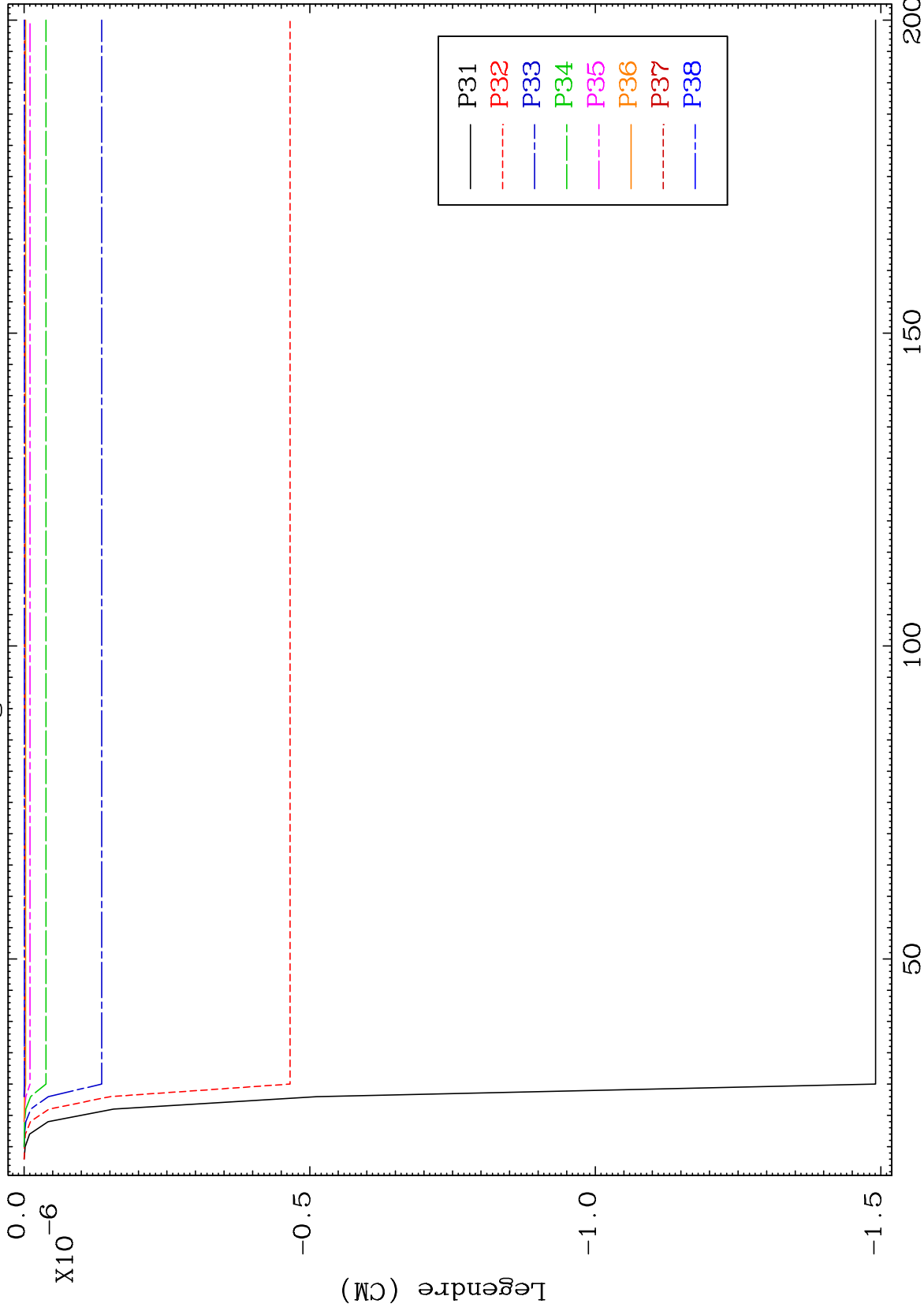
67

76-Os-191

MAT 7646

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

76-Os-191



68

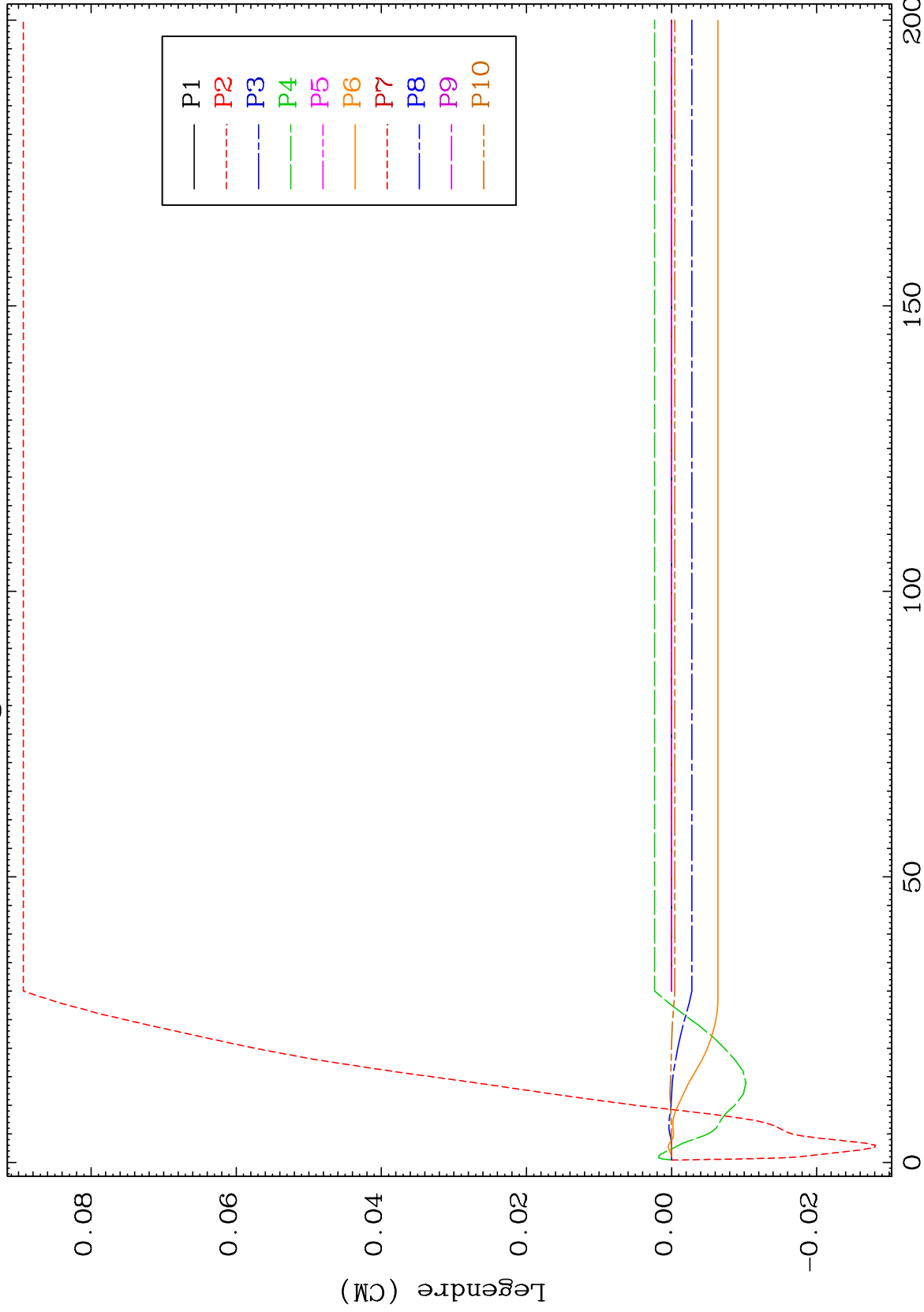
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191

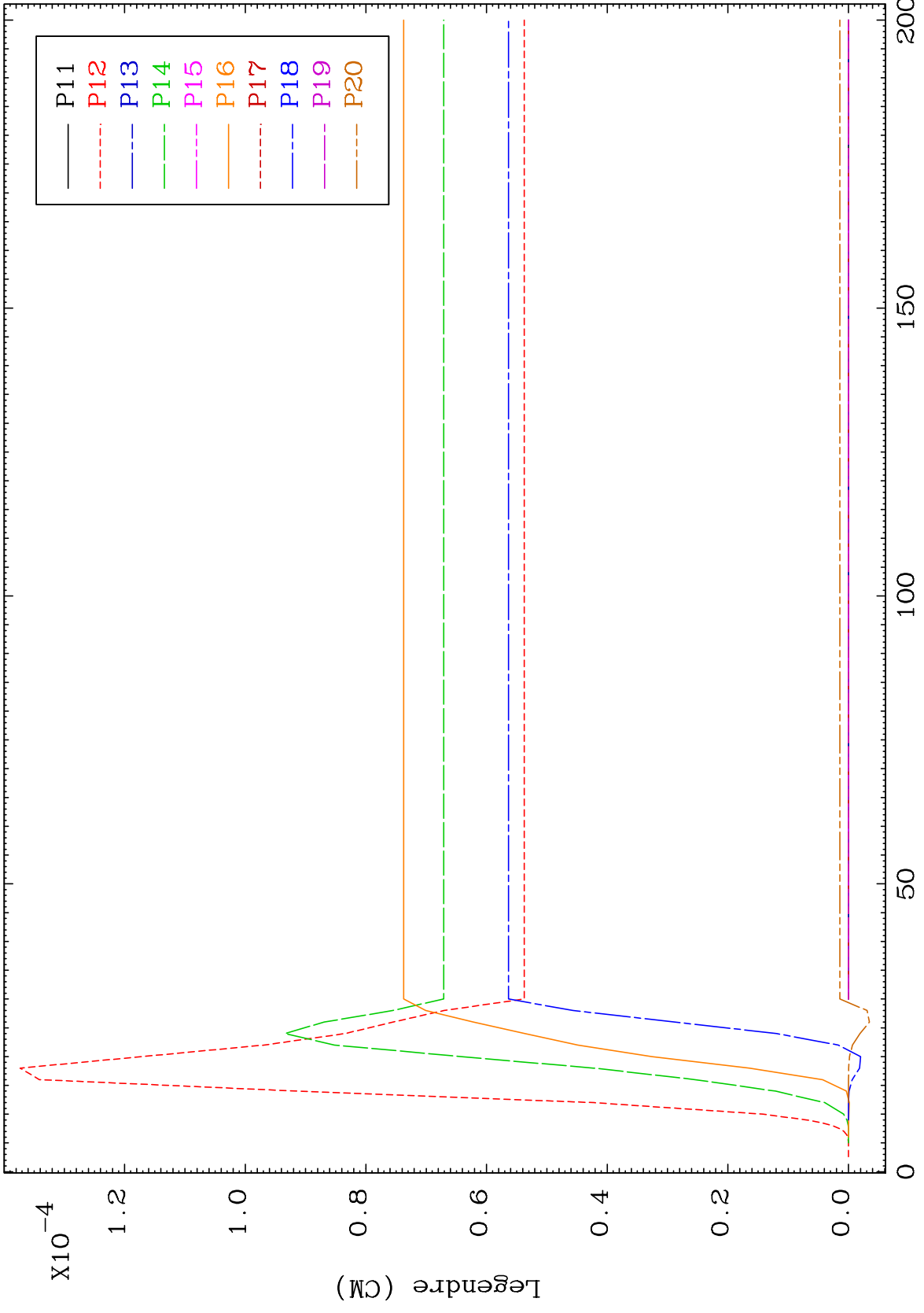


69

Incident Energy (MeV)

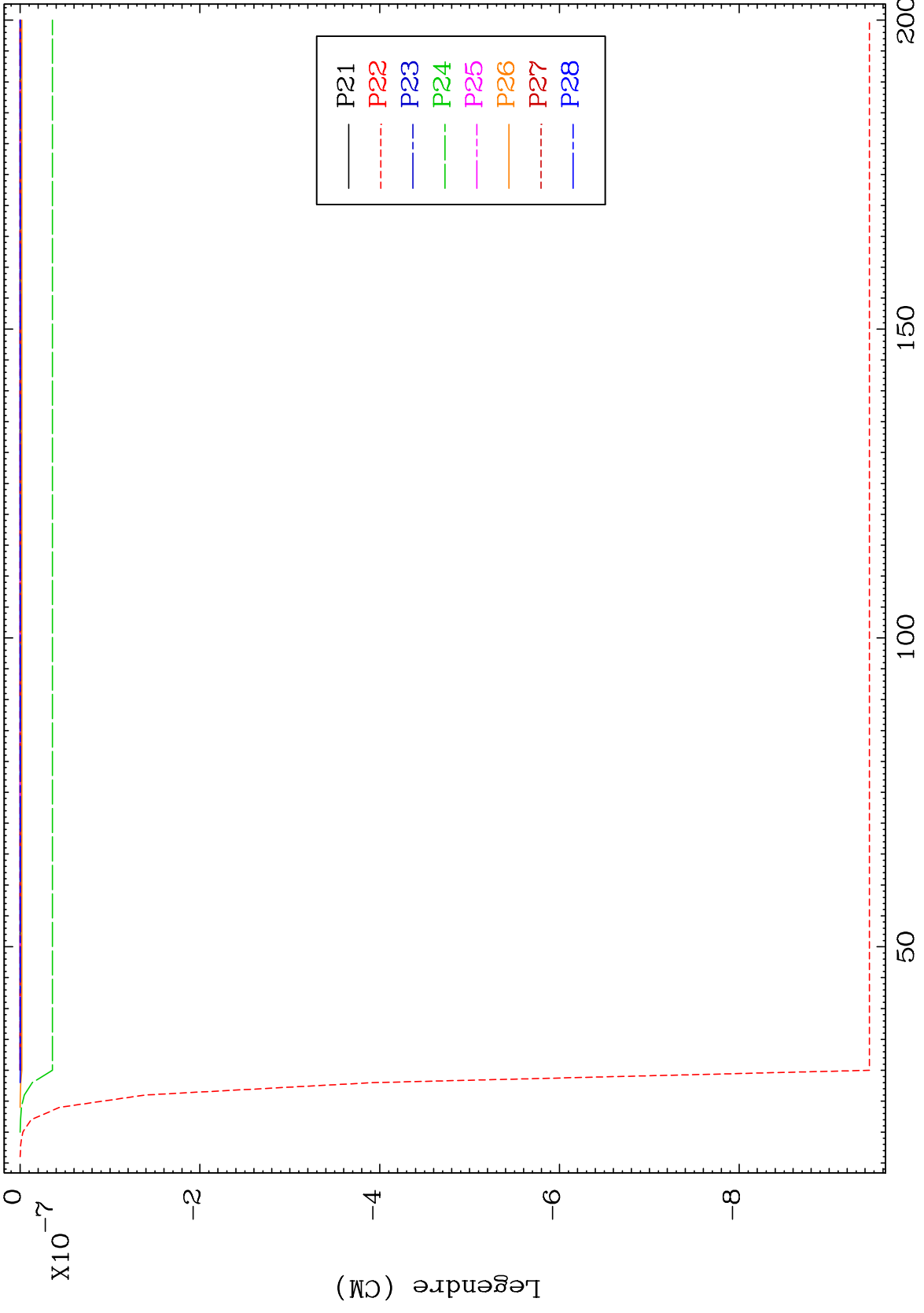
76-Os-191

MAT 7646 MT= 64 (n,n') Level Legendre Coefficients 76-Os-191



76-Os-191

MAT 7646 MT= 64 (n,n') Level Legendre Coefficients 76-Os-191

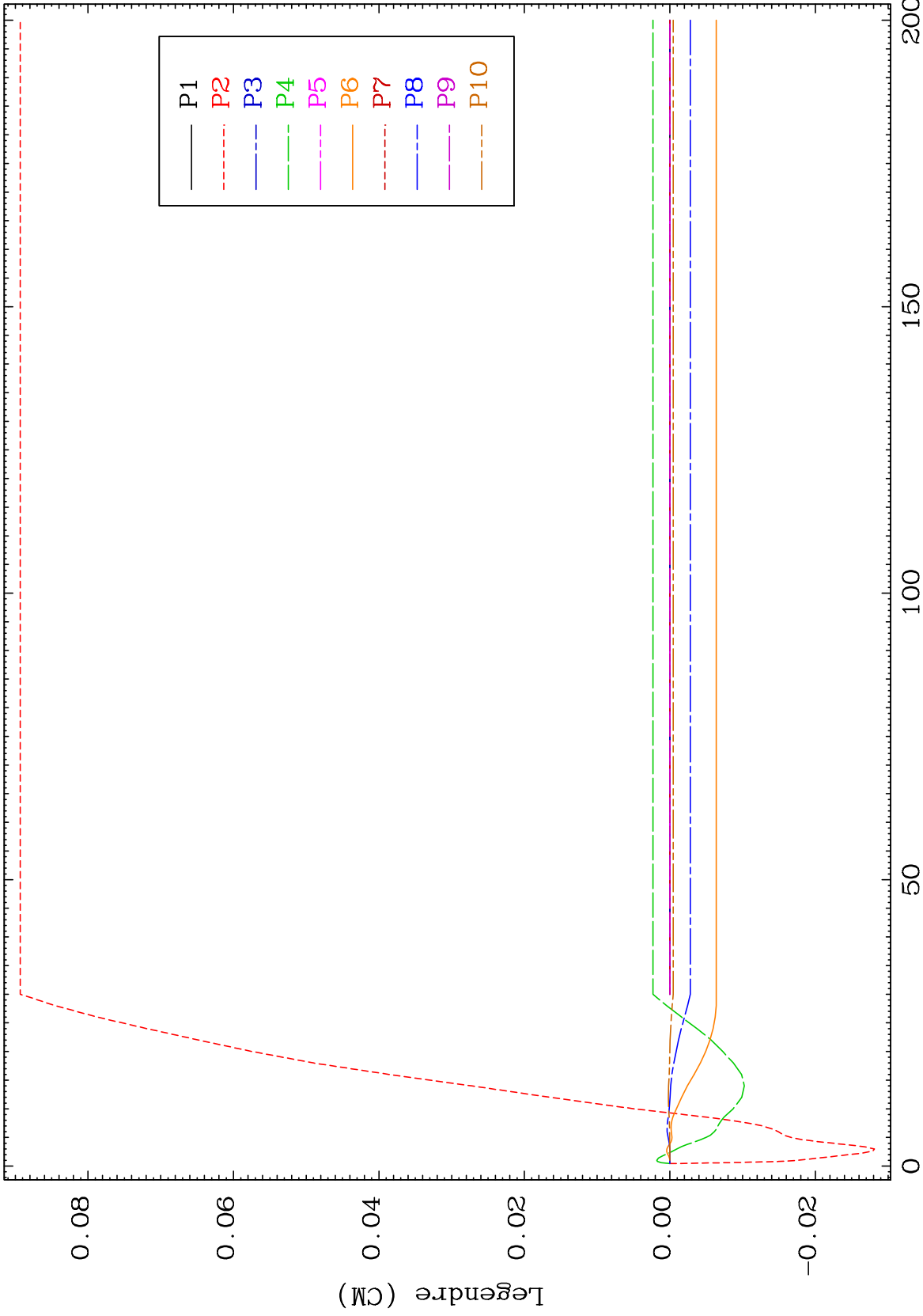


71 76-Os-191

MAT 7646

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

76-Os-191

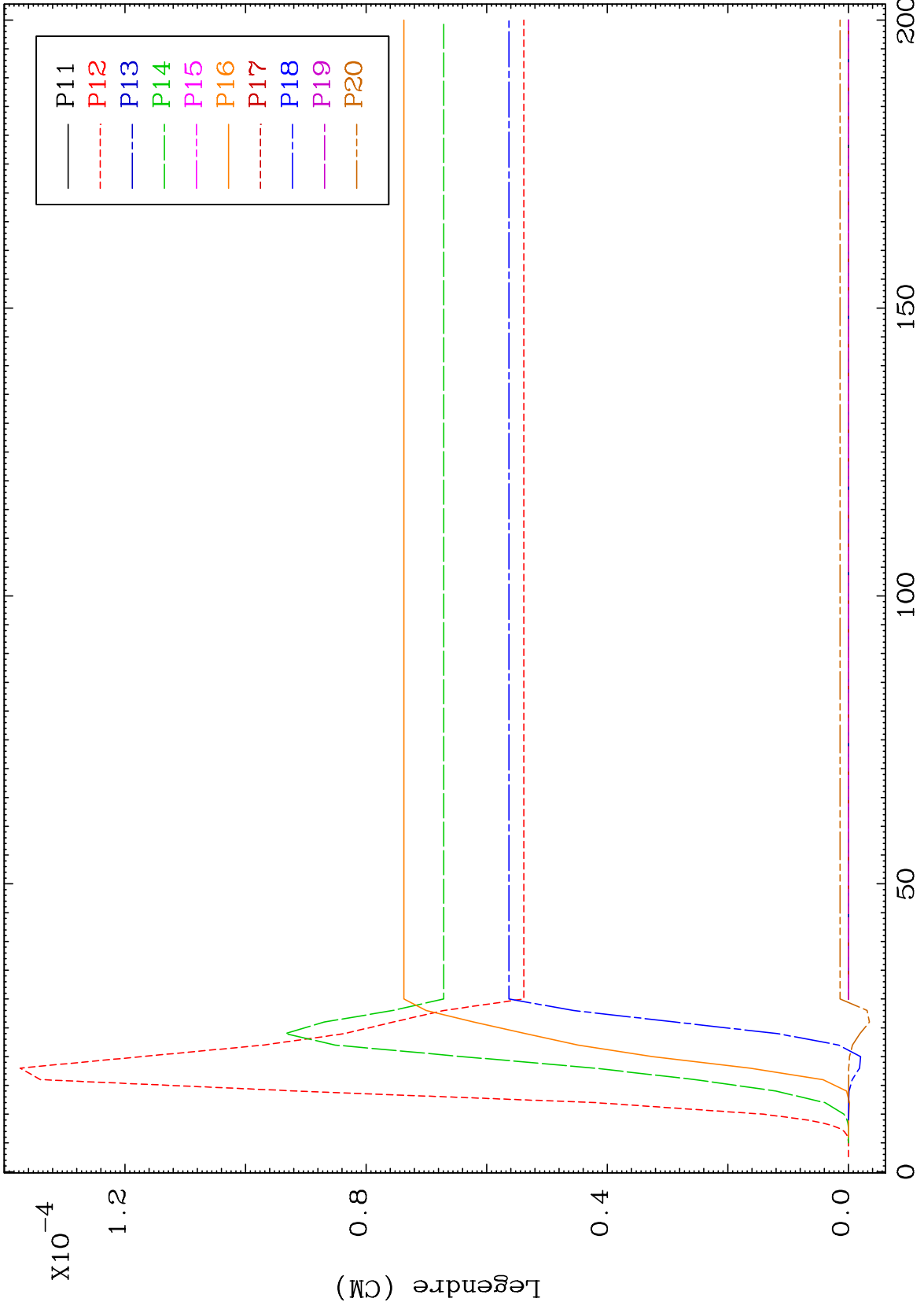


72

Incident Energy (MeV)

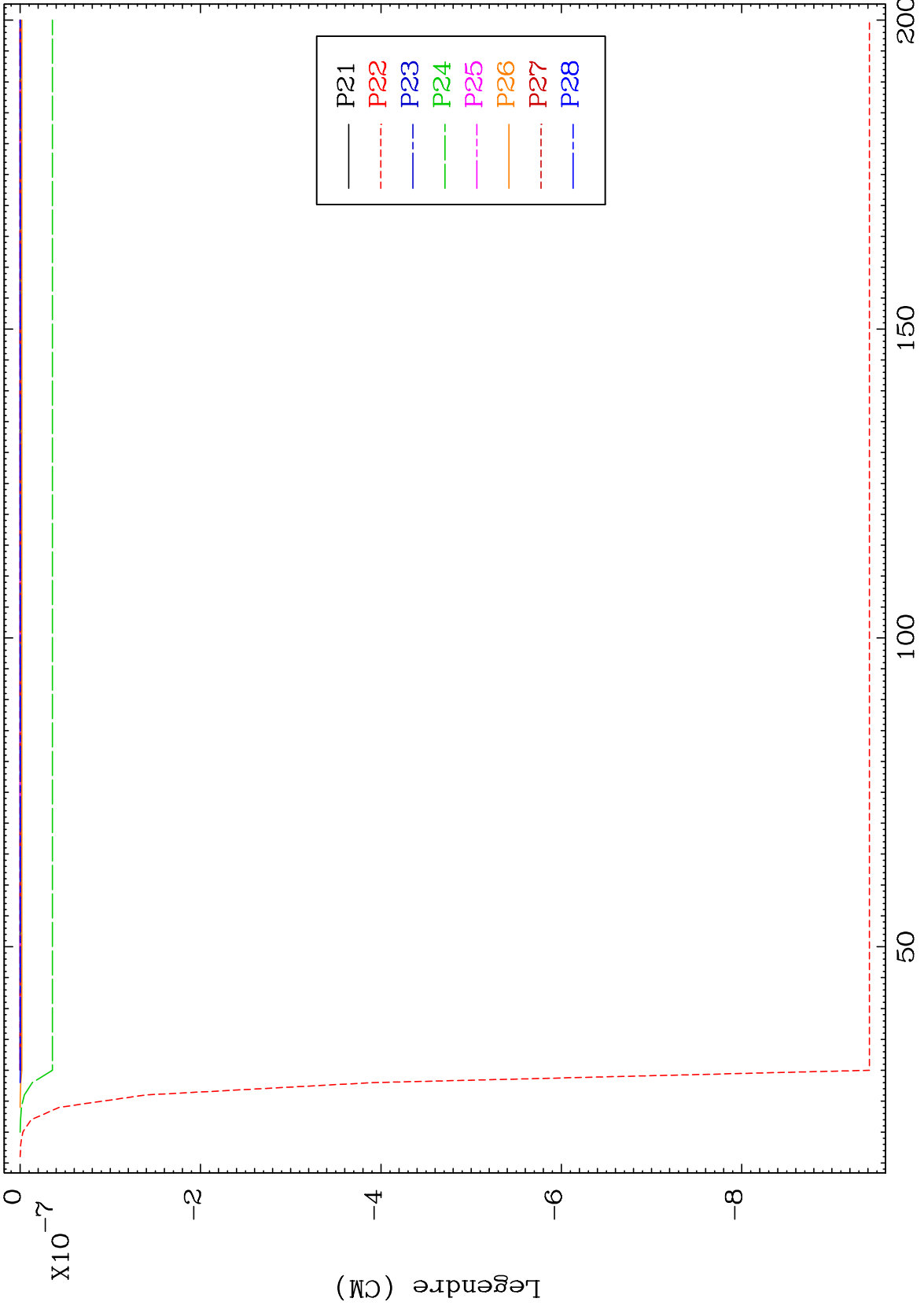
76-Os-191

MAT 7646 MT= 65 (n,n') Level Legendre Coefficients 76-Os-191

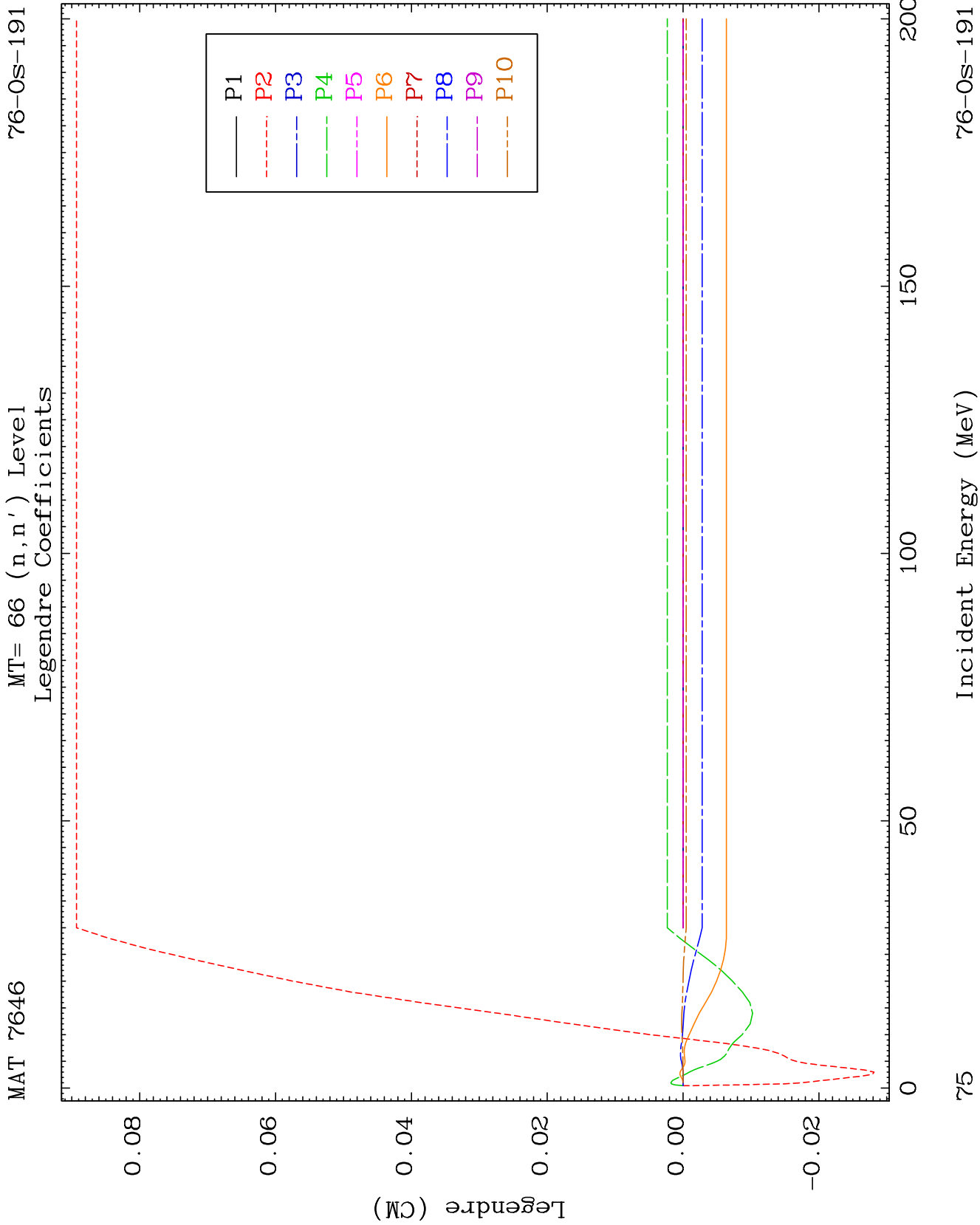


73 76-Os-191

MAT 7646 MT= 65 (n,n') Level Legendre Coefficients 76-Os-191



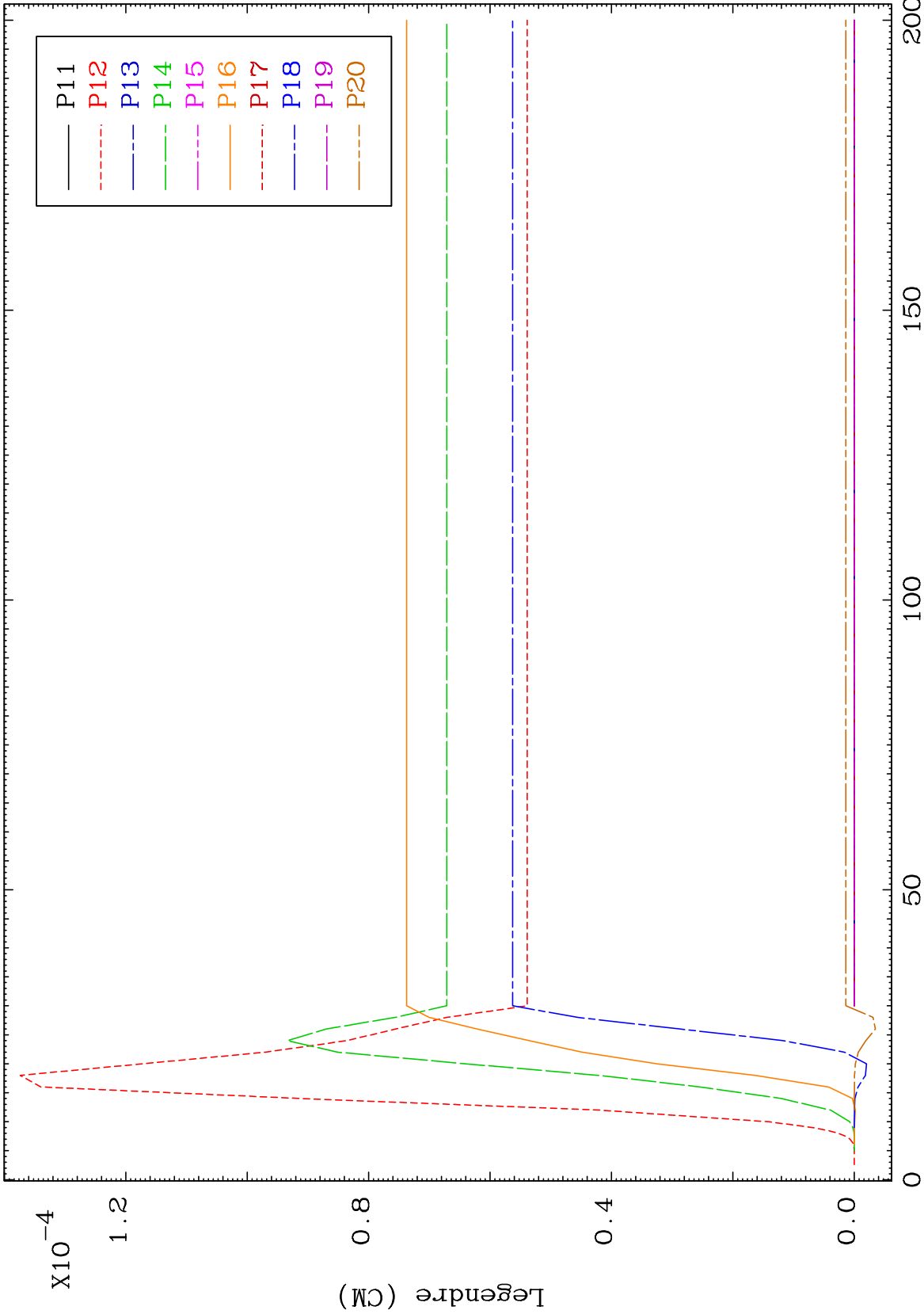
74 76-Os-191



MAT 7646

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

76-Os-191

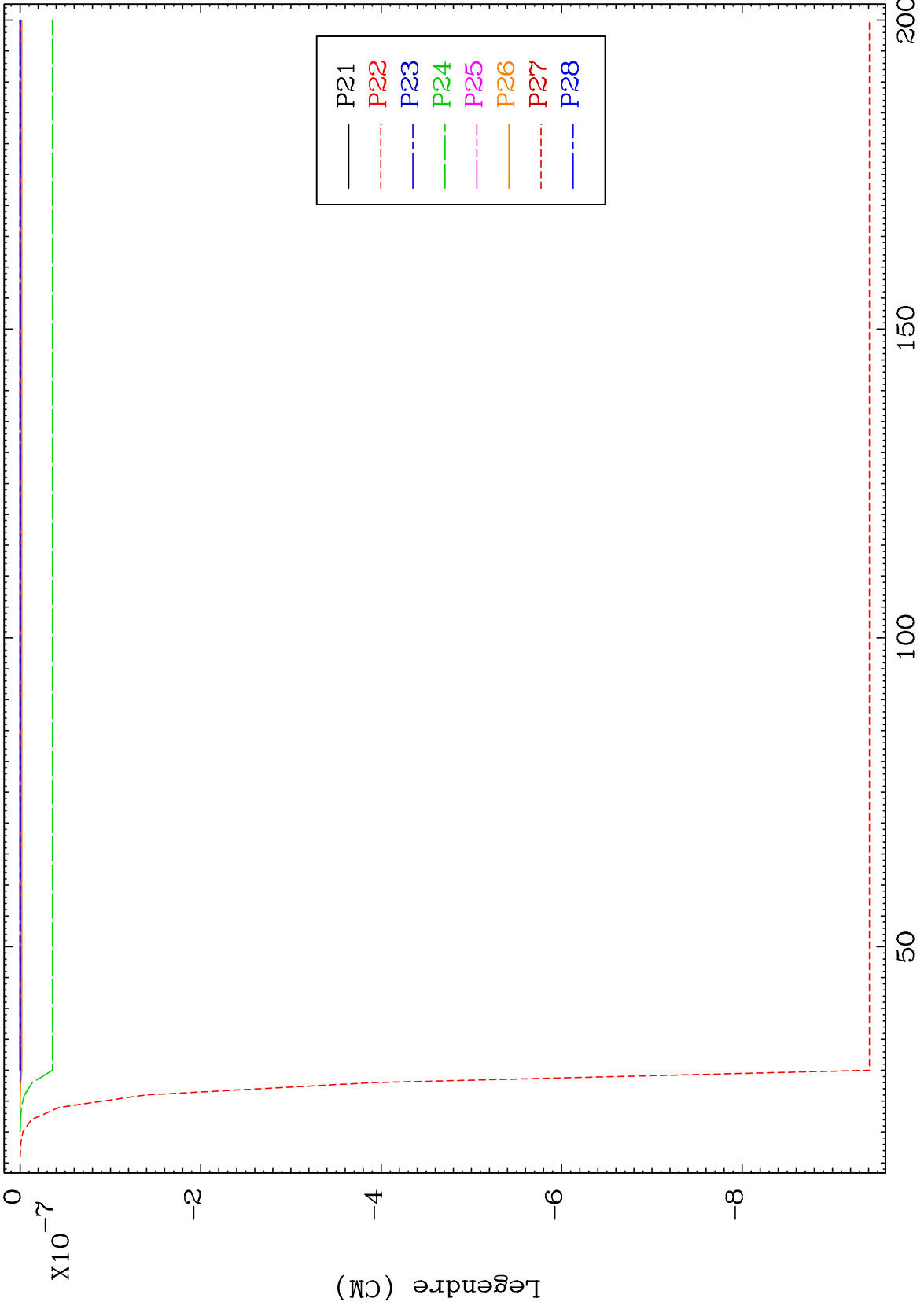


76

Incident Energy (MeV)

76-Os-191

MAT 7646 MT= 66 (n,n') Level Legendre Coefficients 76-Os-191

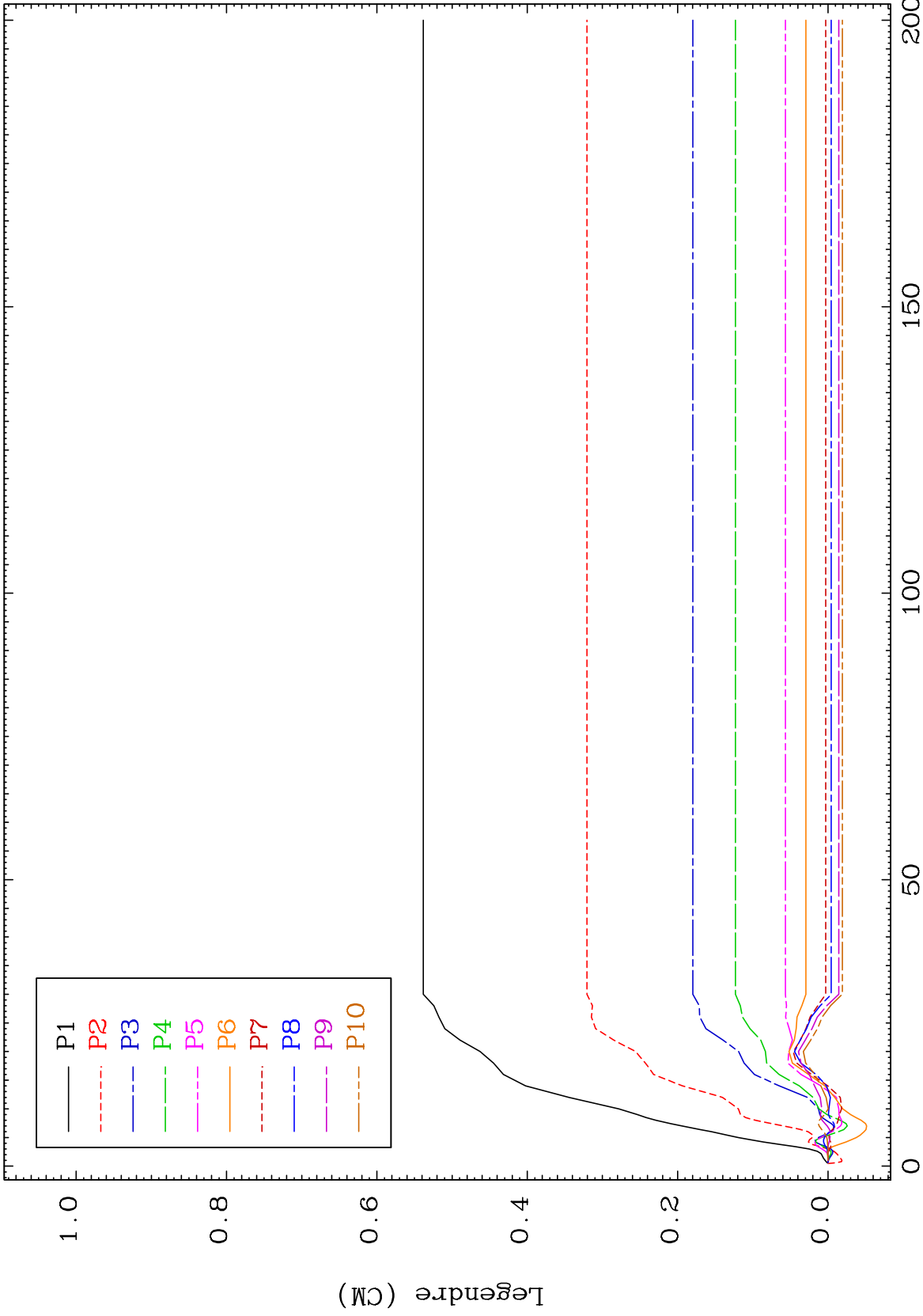


77 76-Os-191

MAT 7646

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

76-Os-191



78

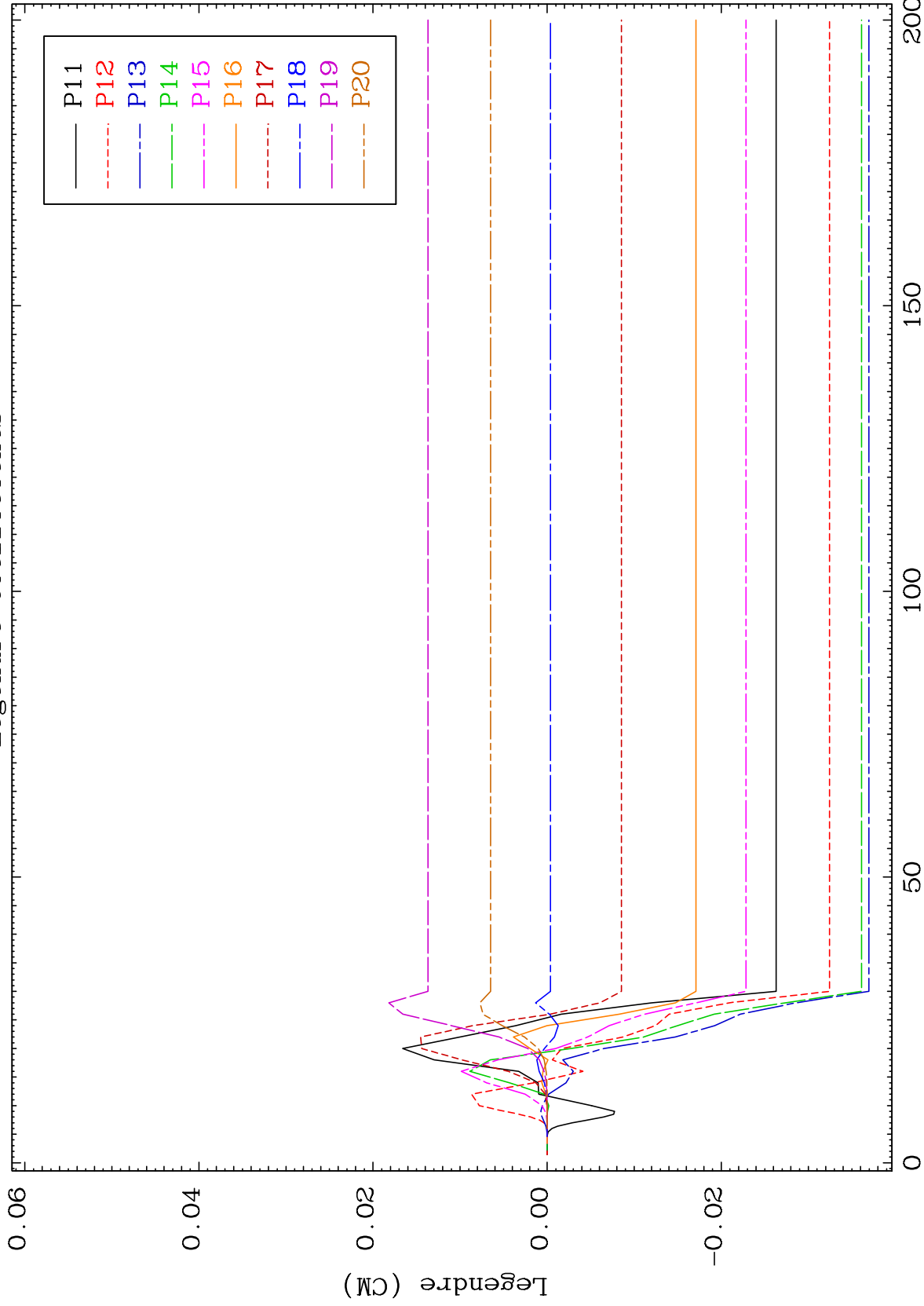
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



79

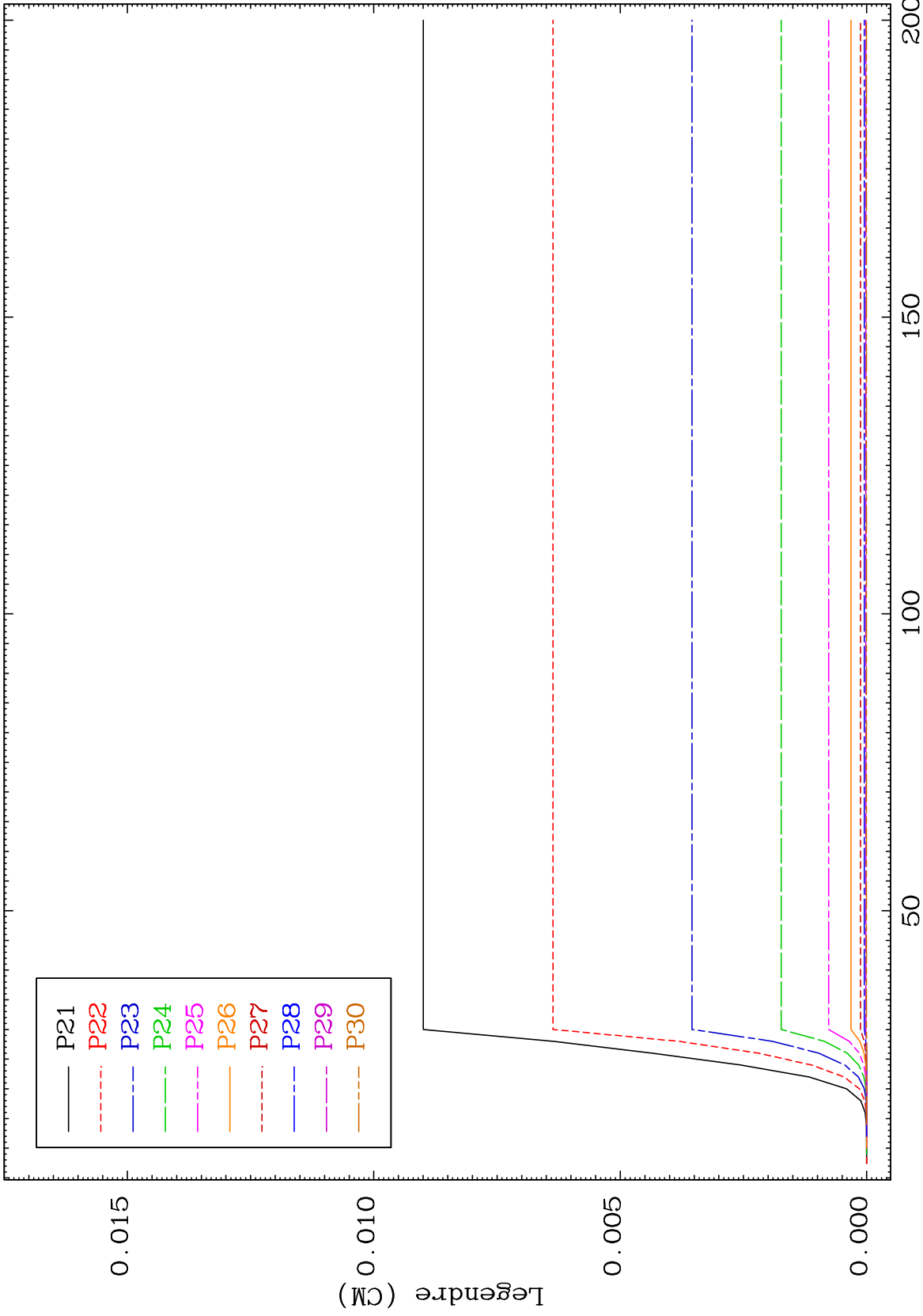
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



80

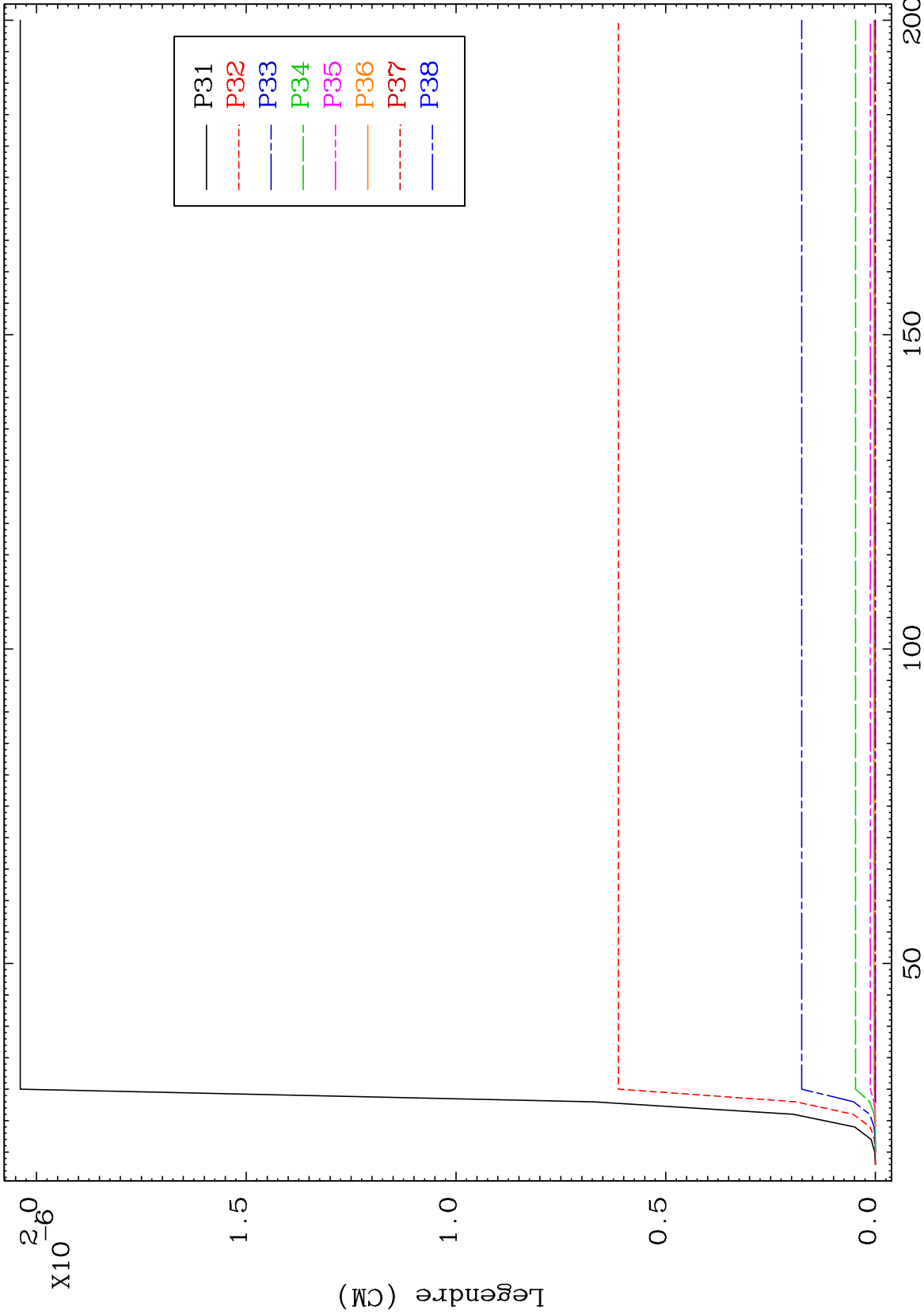
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



81

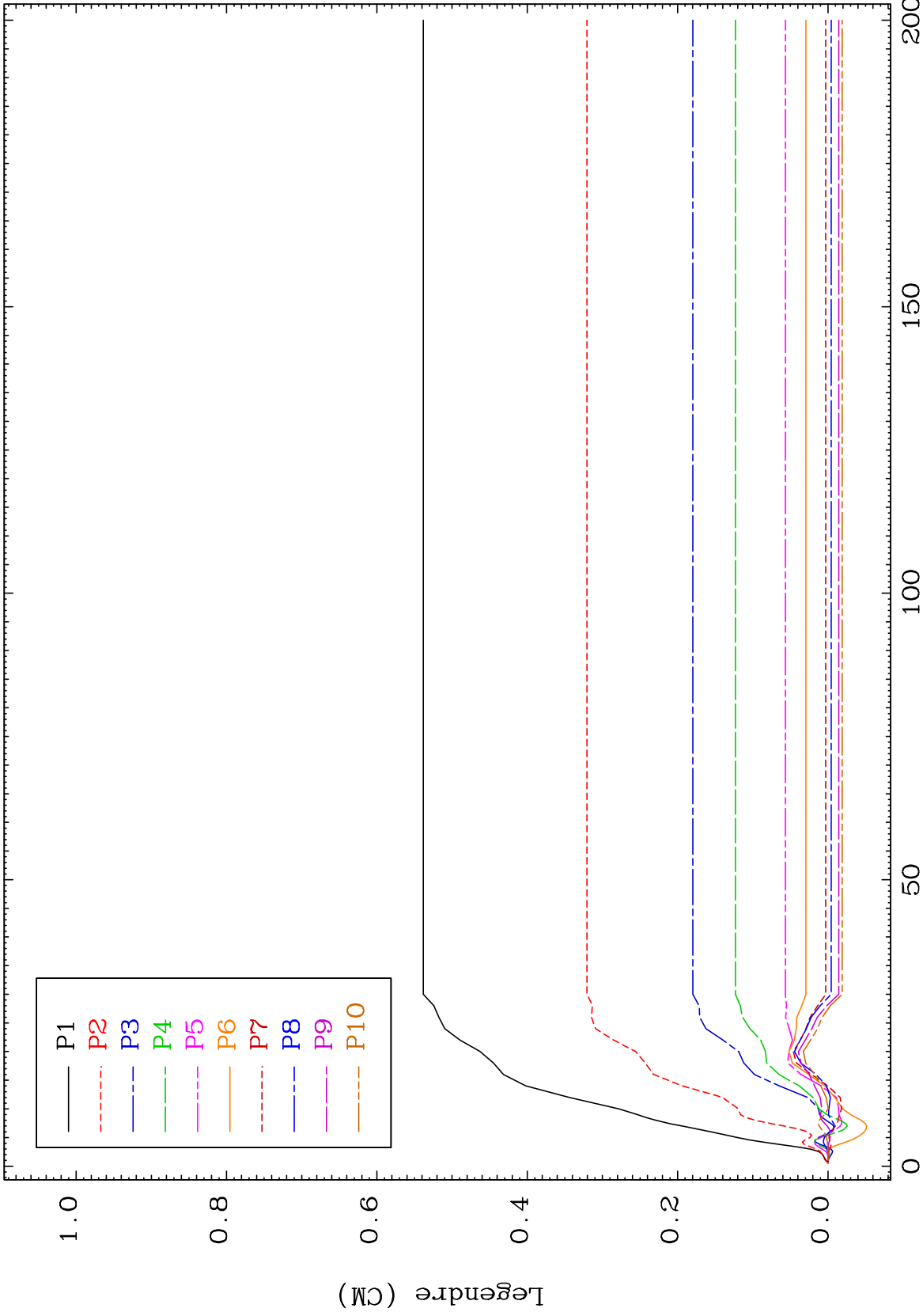
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



82

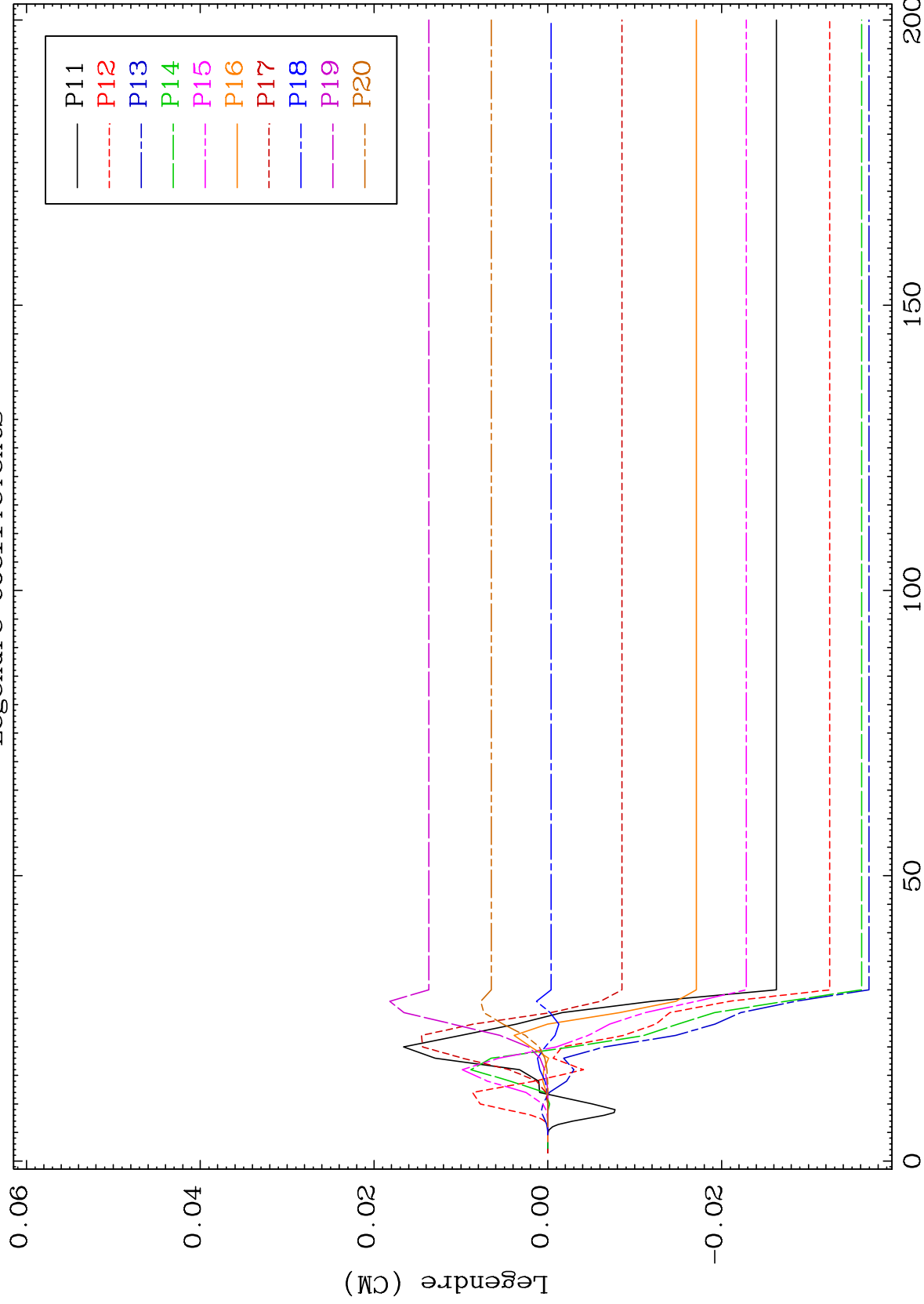
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



83

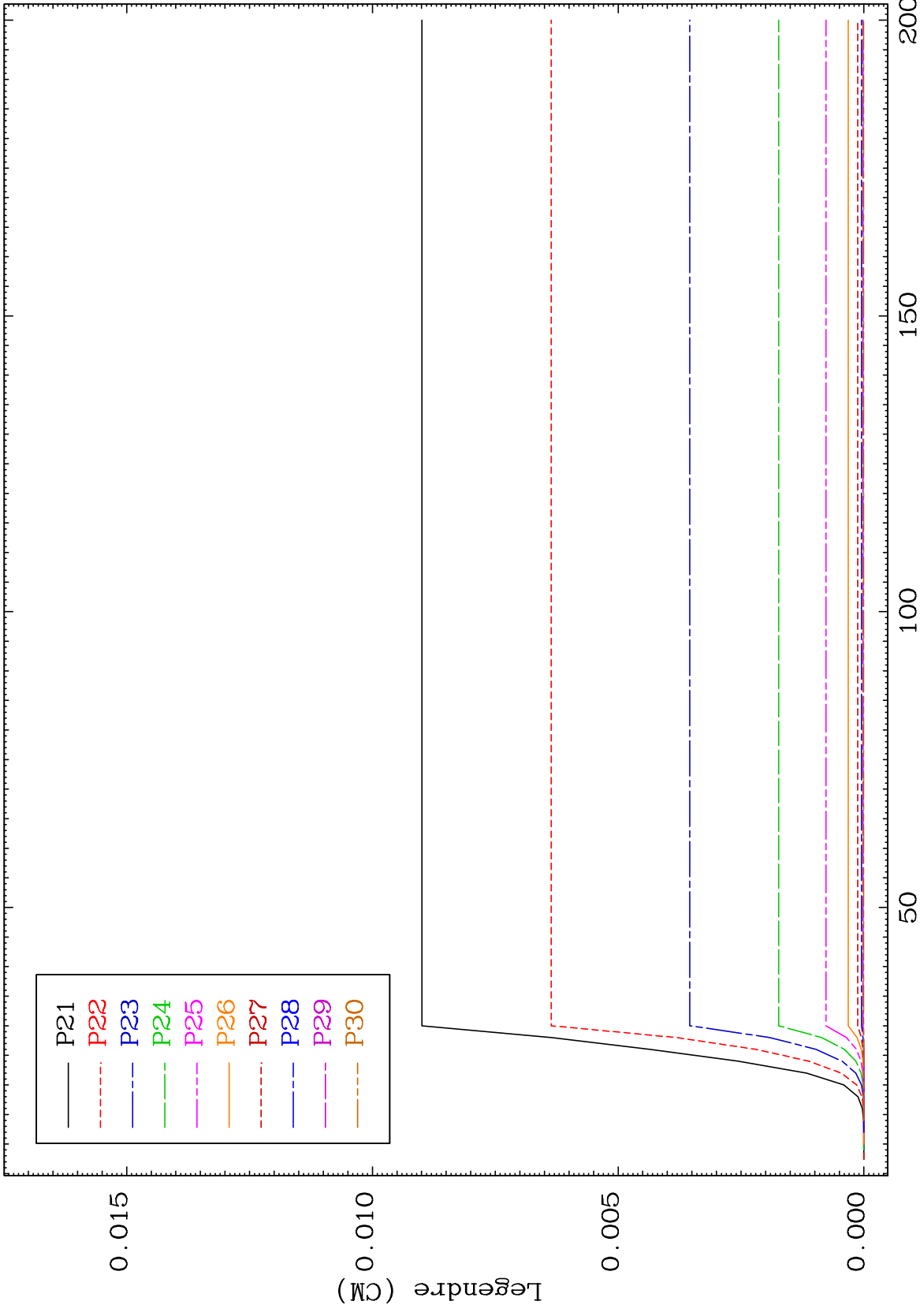
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



84

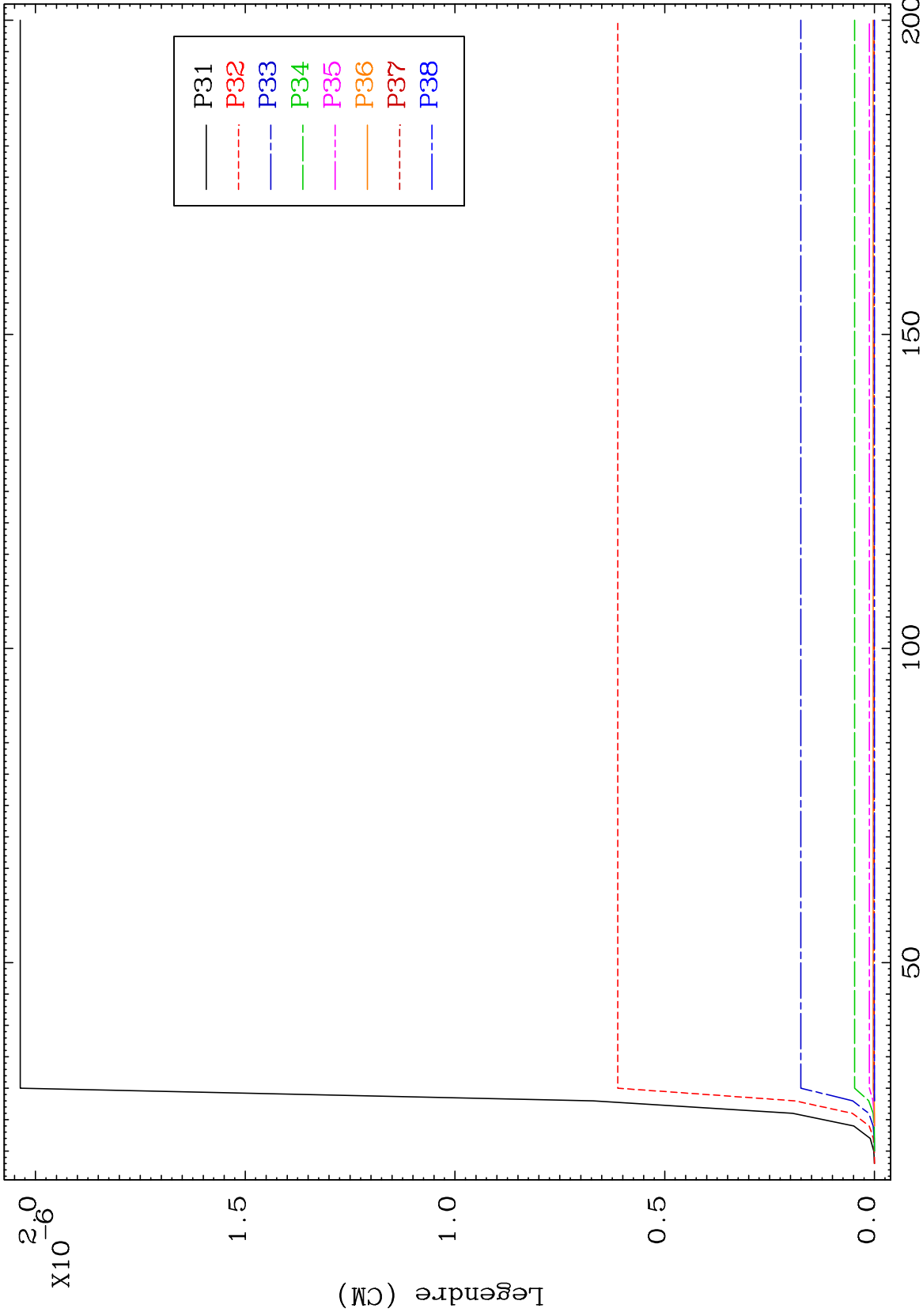
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



85

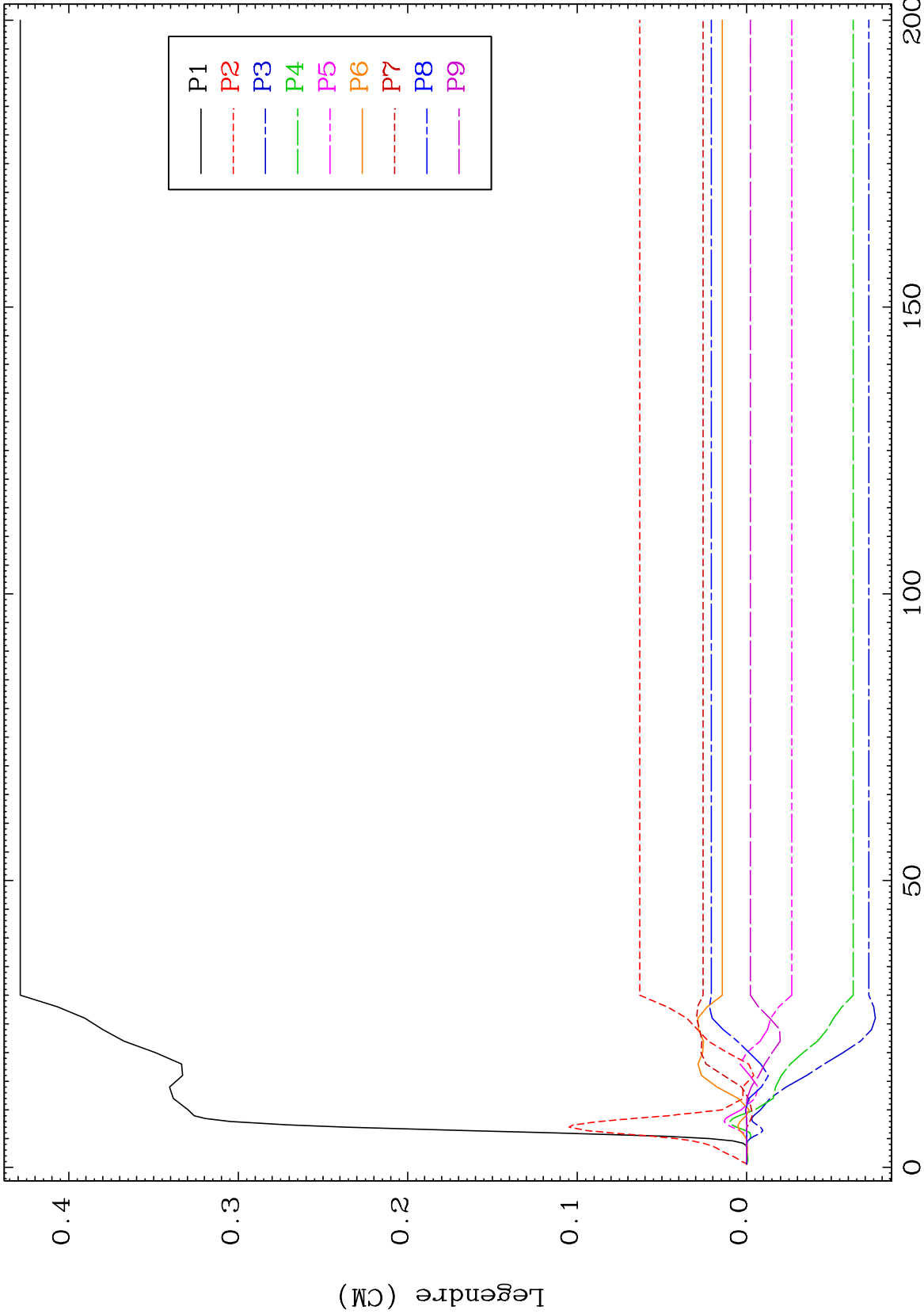
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



86

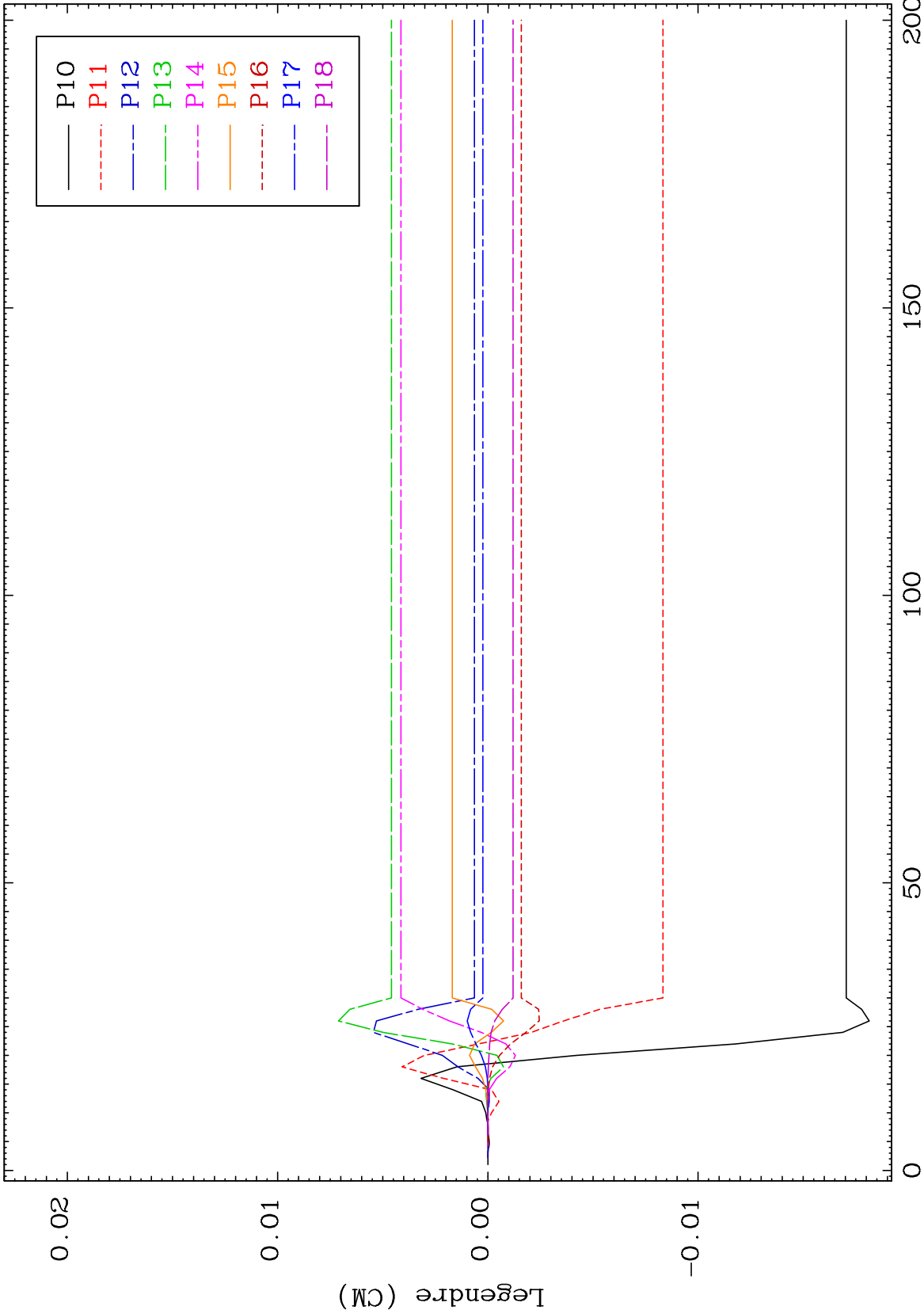
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



87

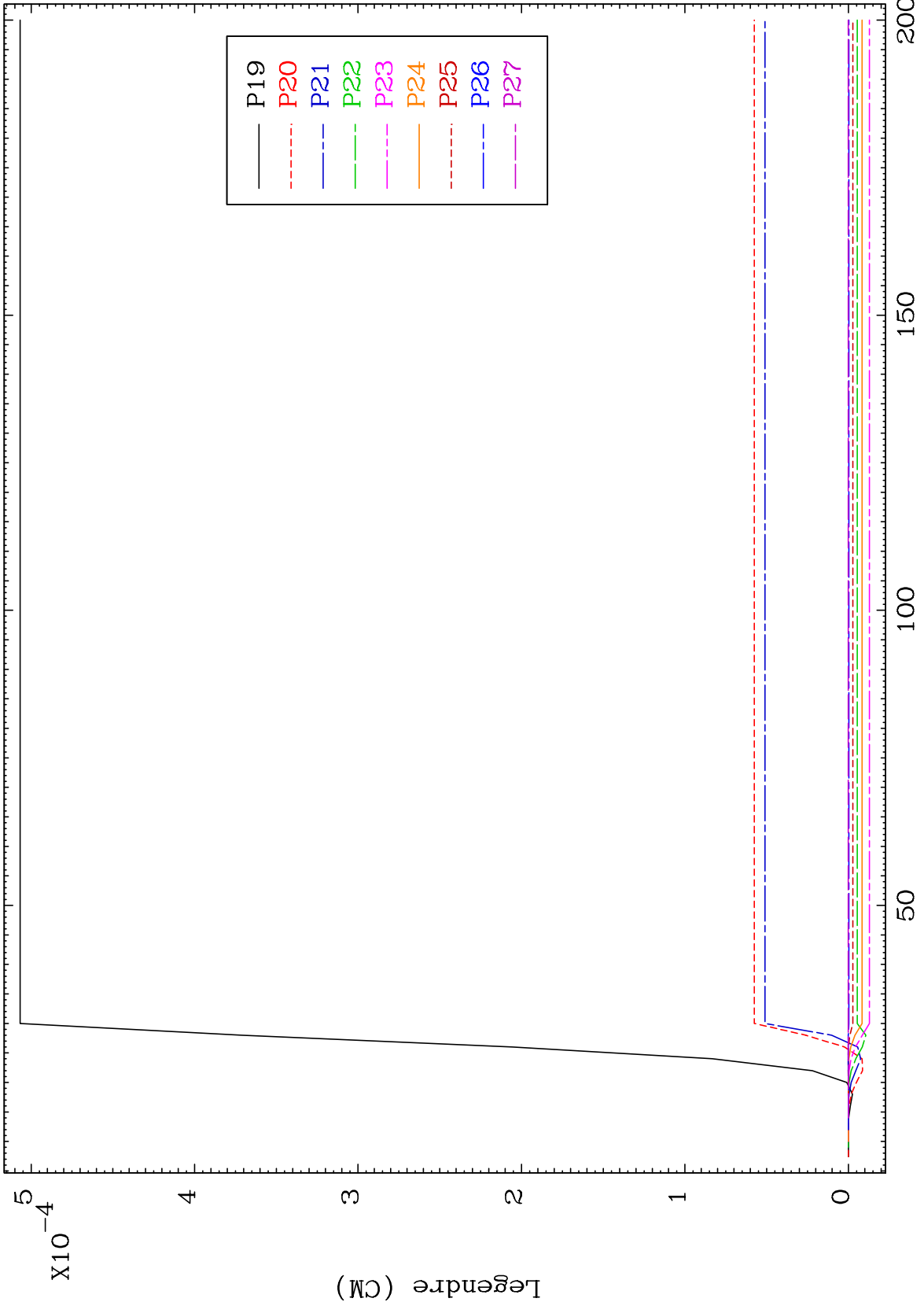
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



88

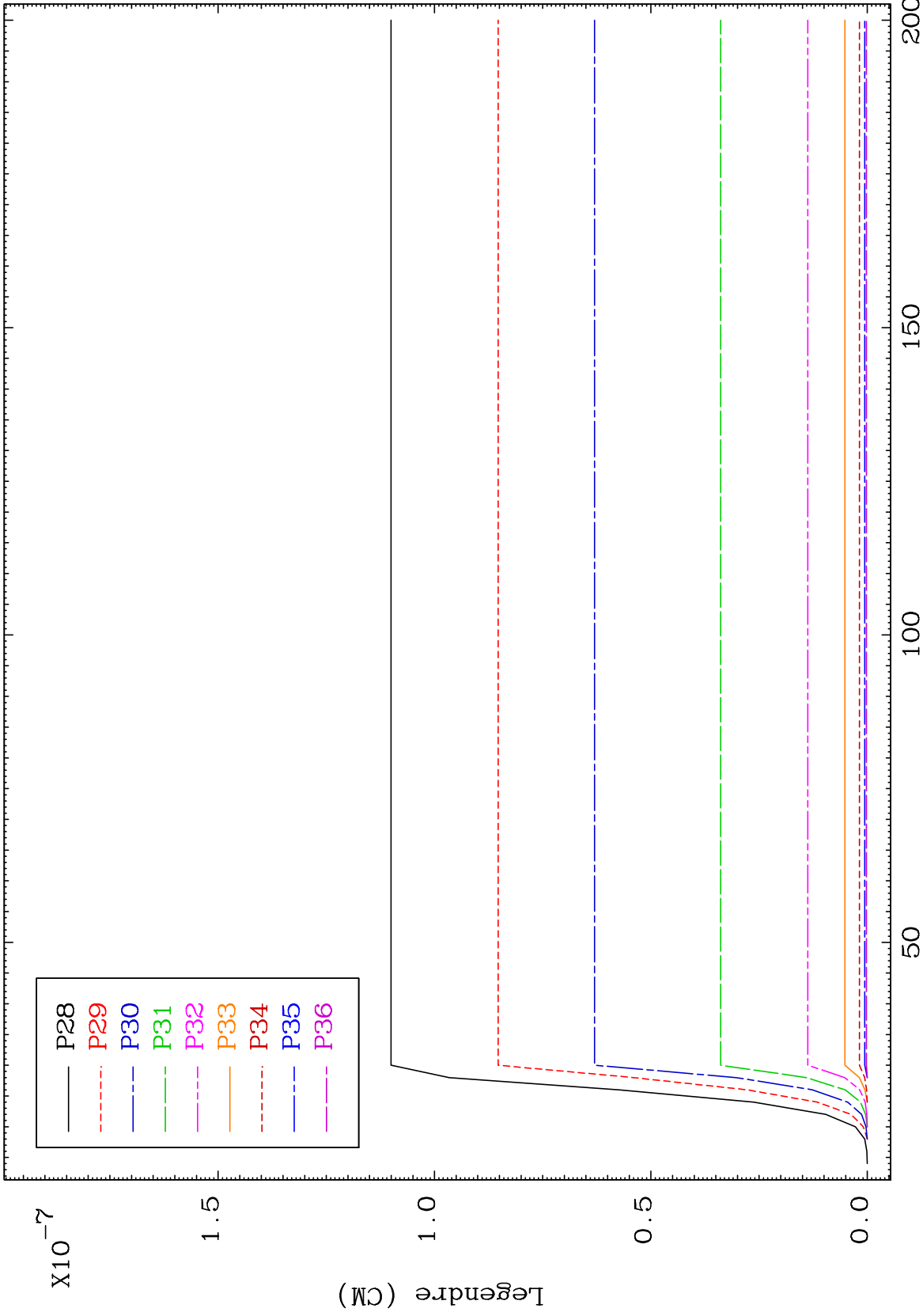
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



89

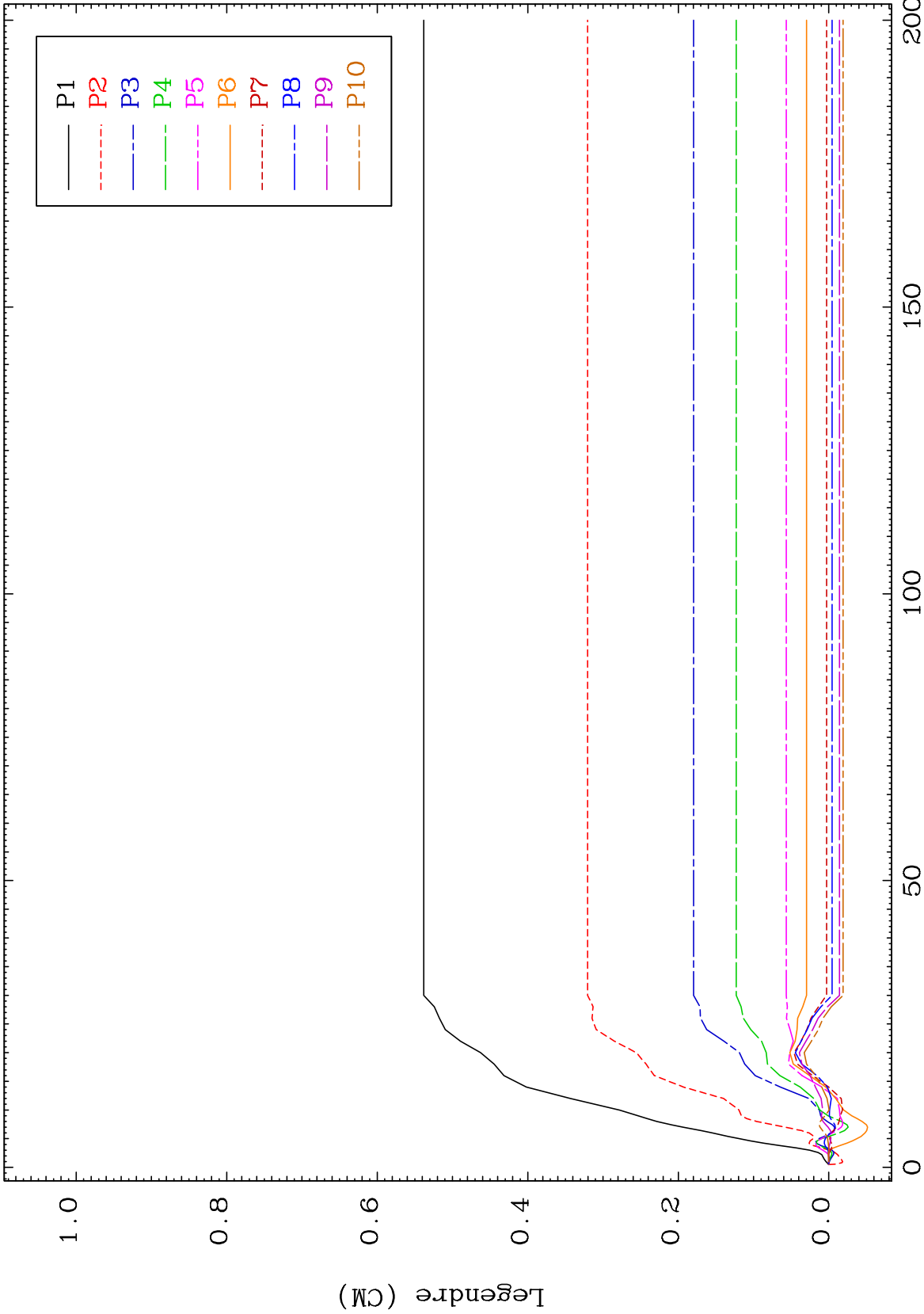
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



76-Os-191

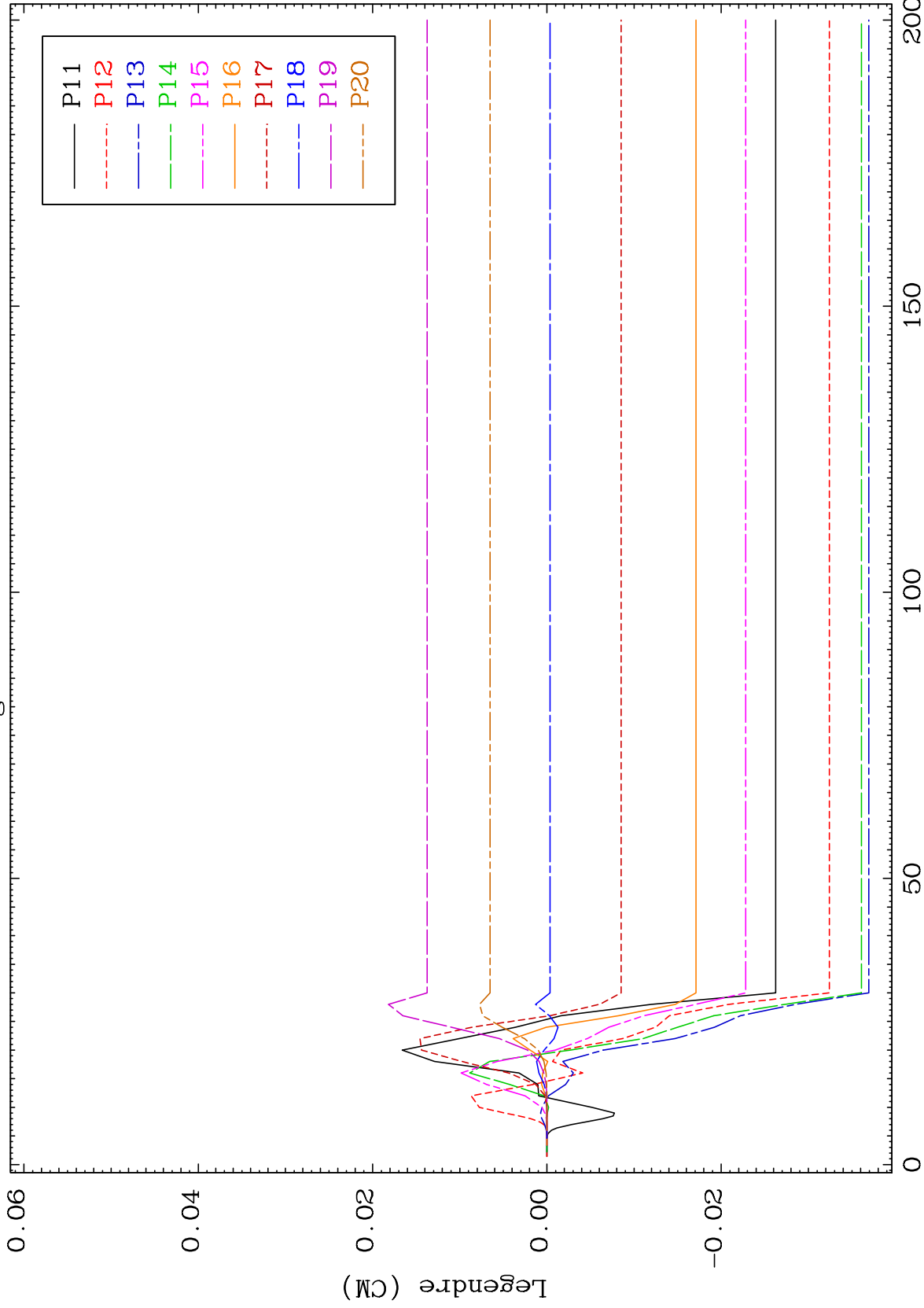
Incident Energy (MeV)

90

MAT 7646

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

76-Os-191



91

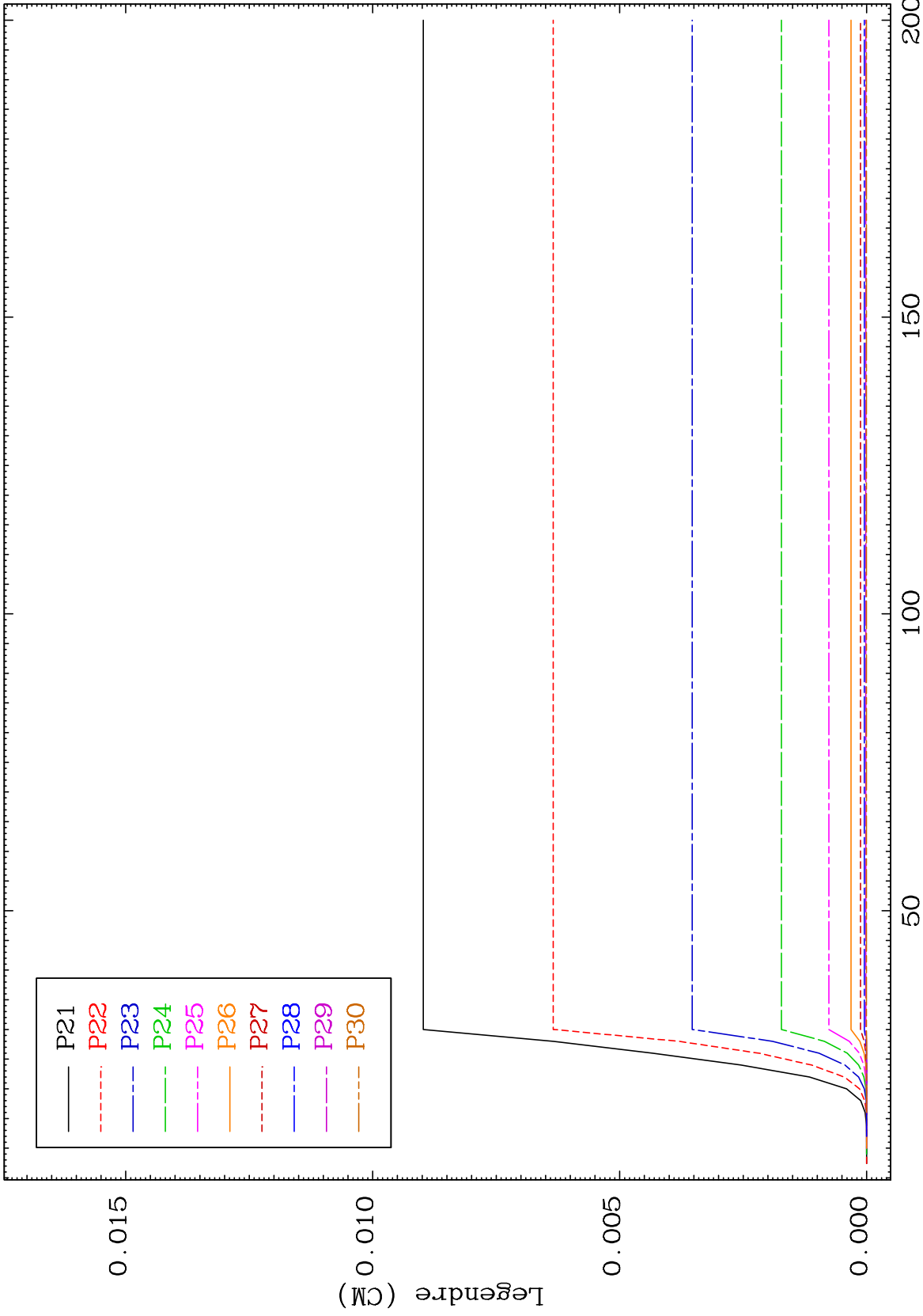
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



92

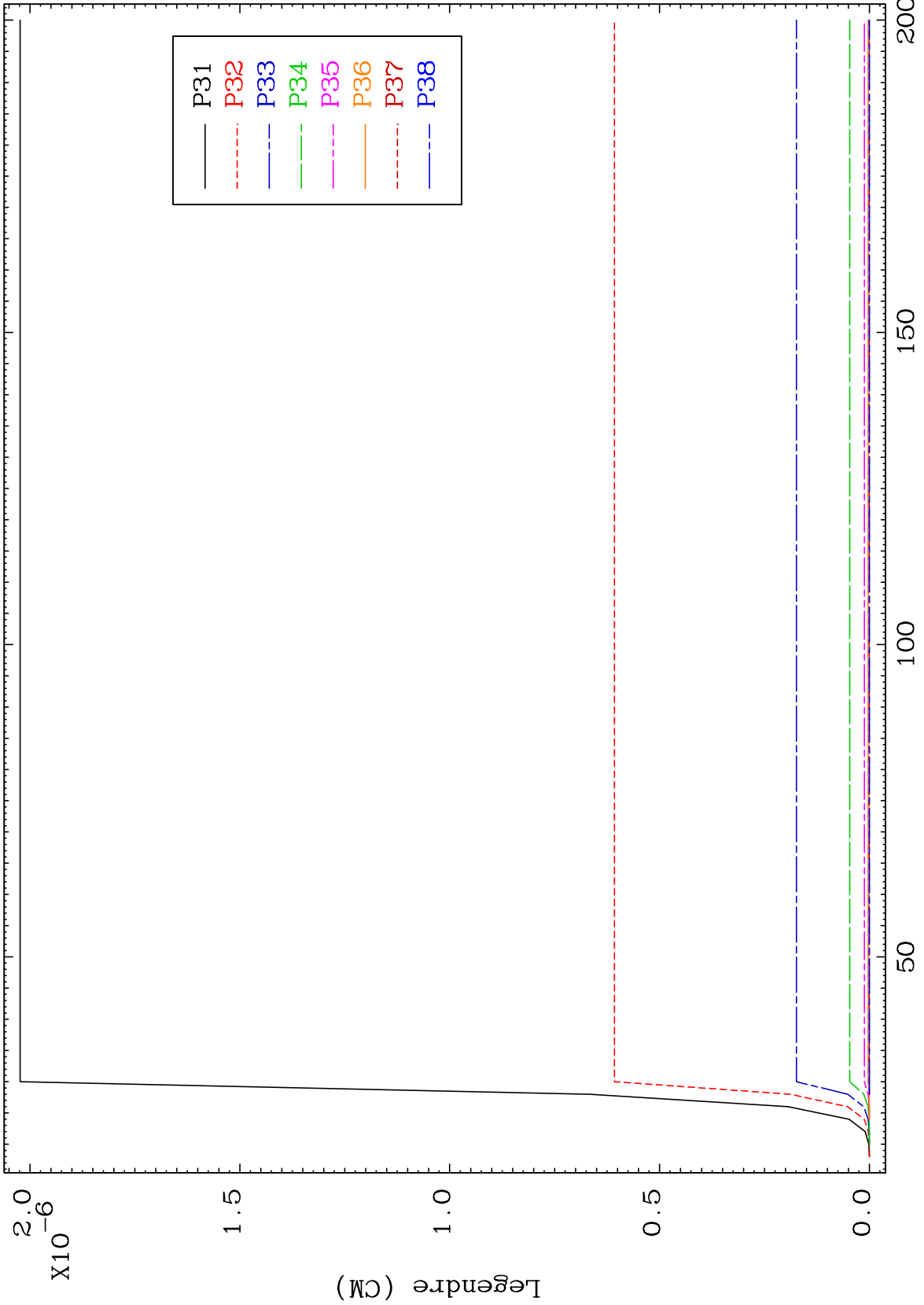
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



93

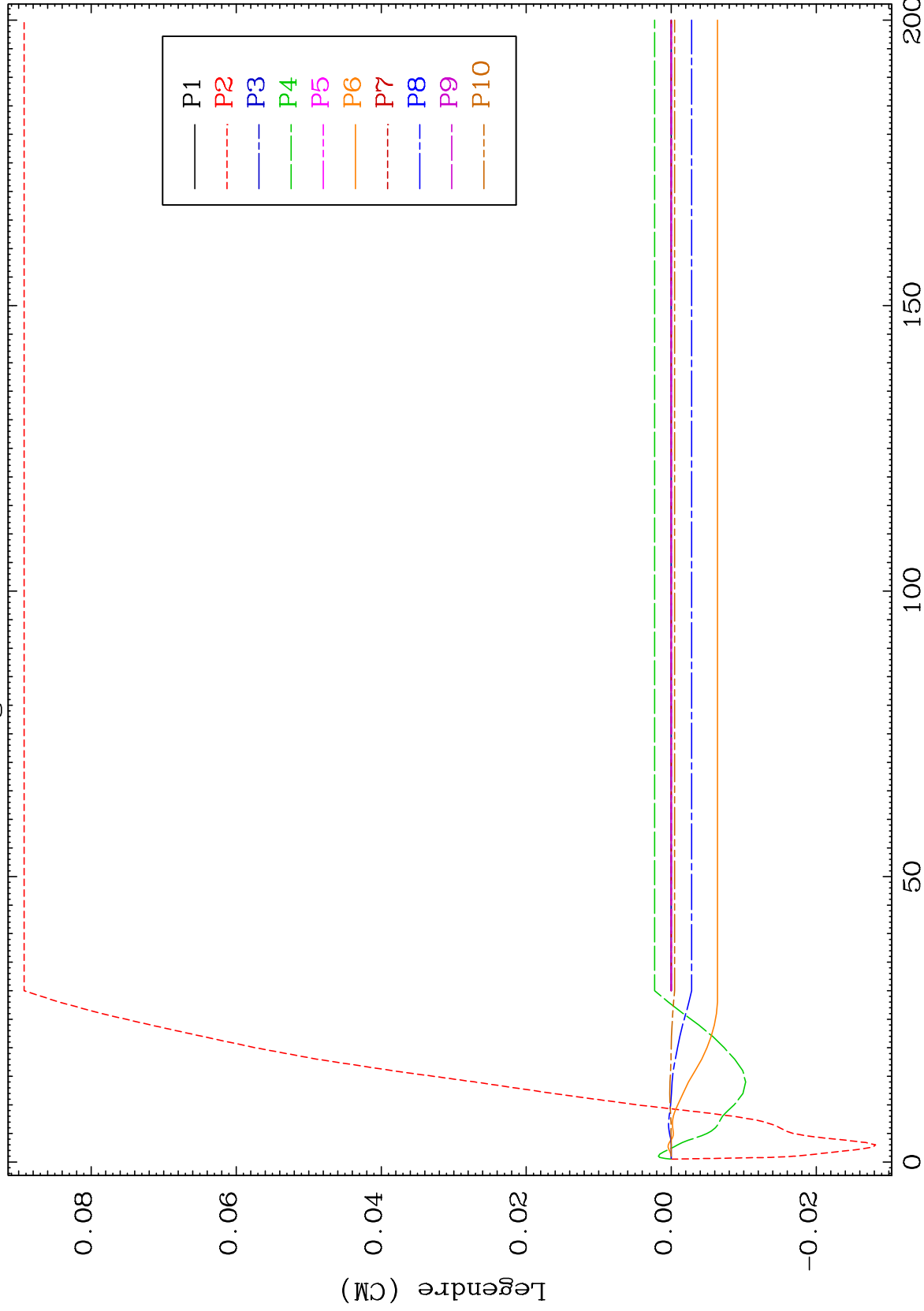
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191

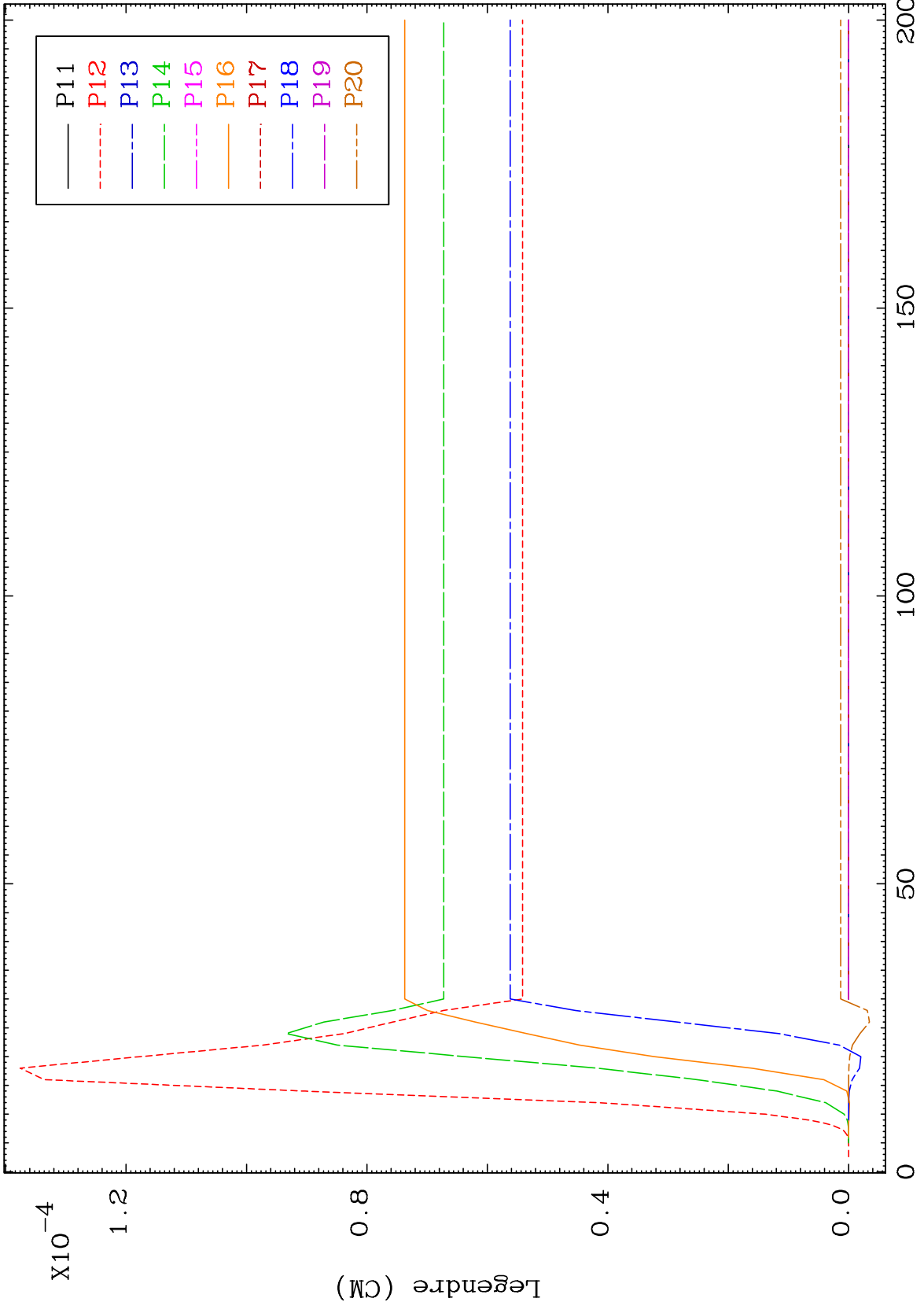


94

Incident Energy (MeV)

76-Os-191

MAT 7646 MT= 71 (n,n') Level Legendre Coefficients 76-Os-191

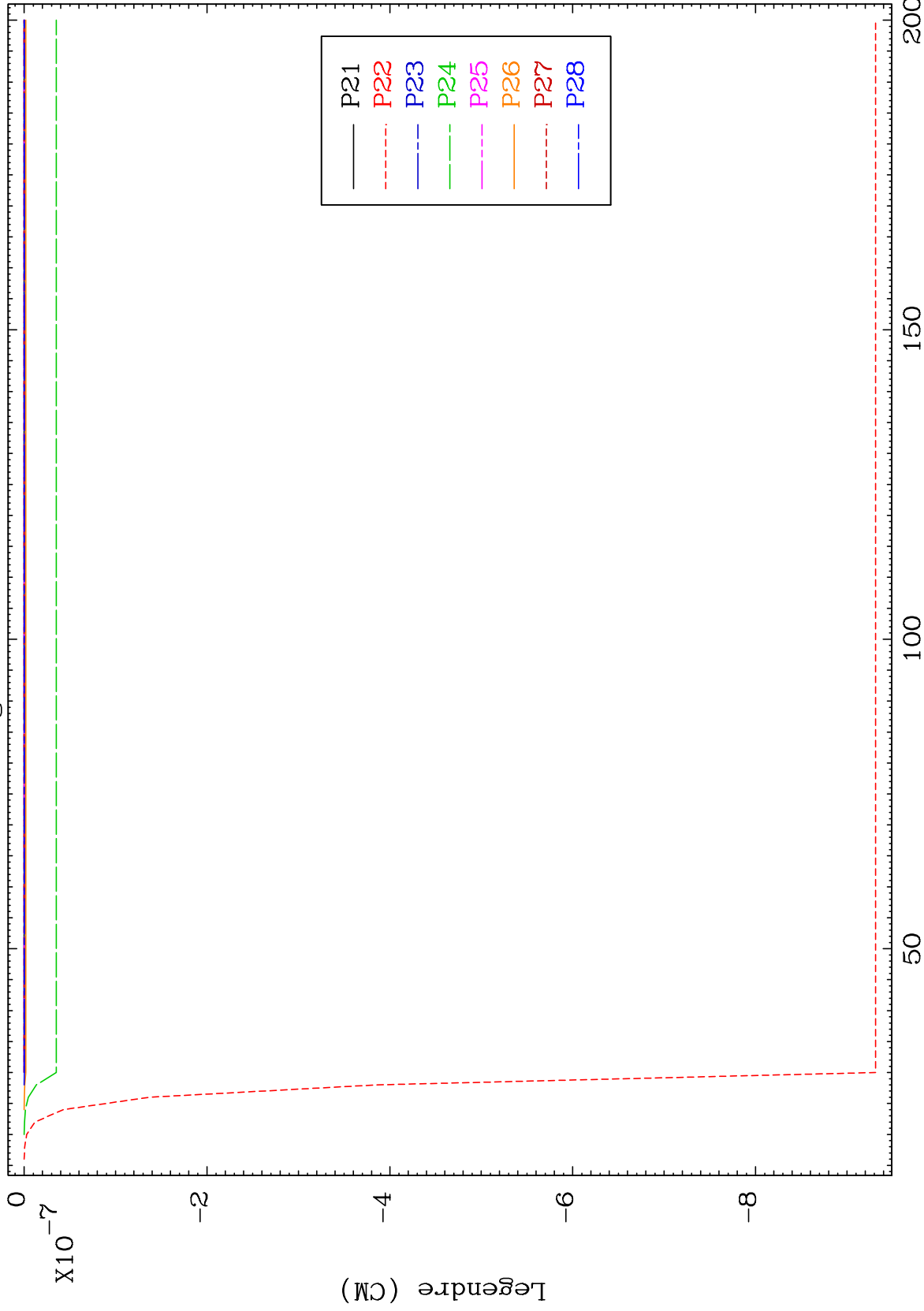


95 Incident Energy (MeV) 76-Os-191

MAT 7646

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

76-Os-191



96

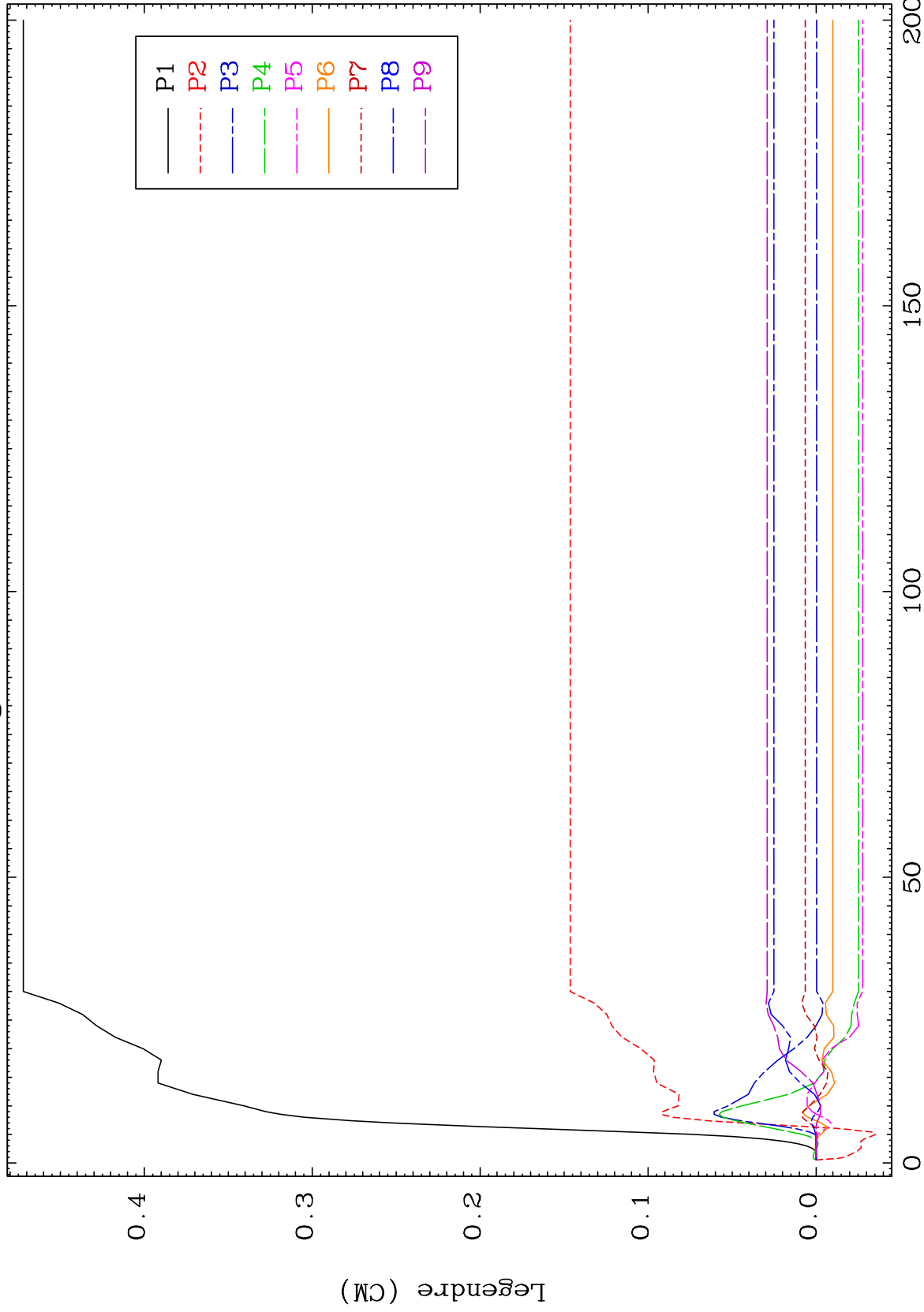
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



97

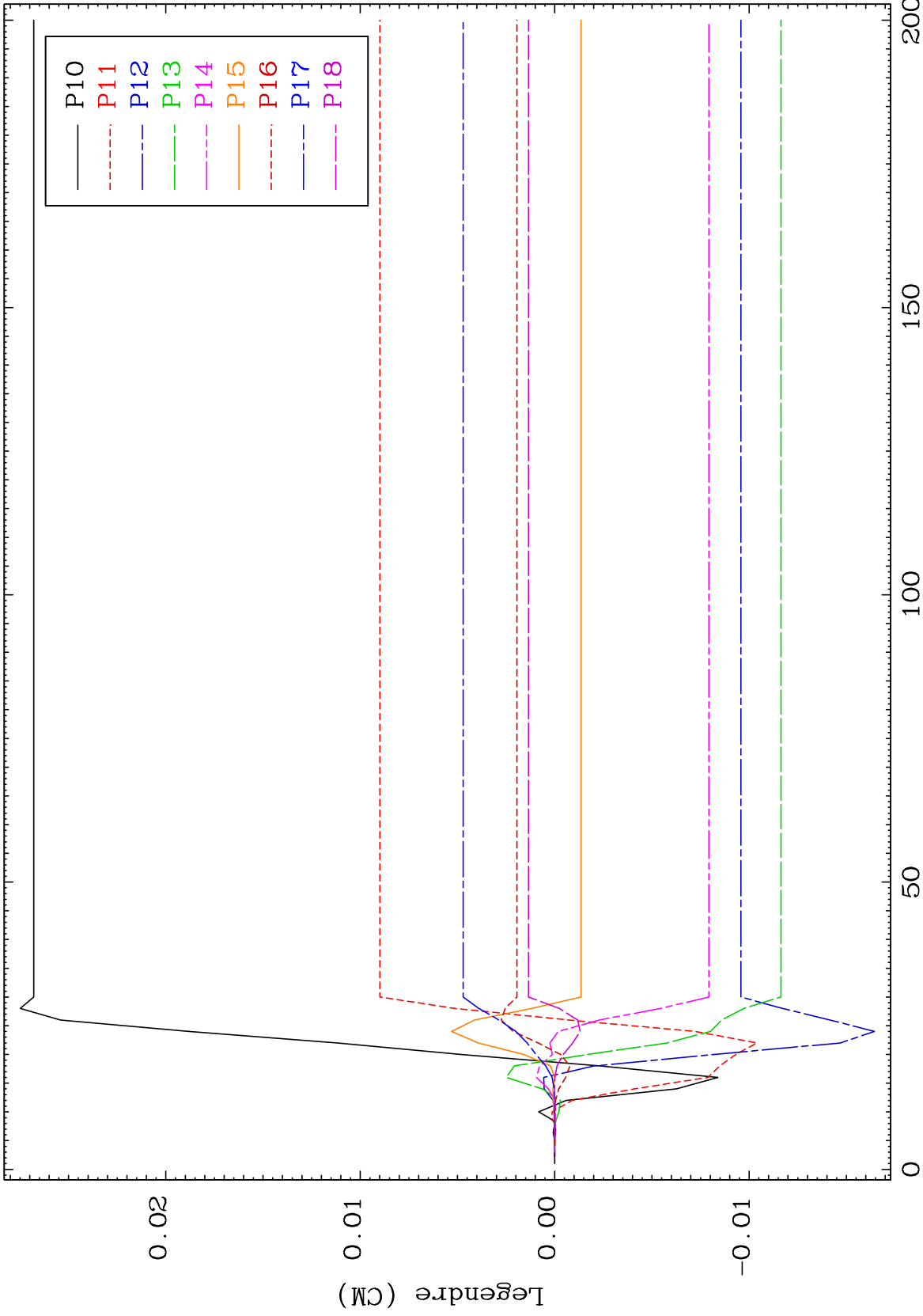
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



98

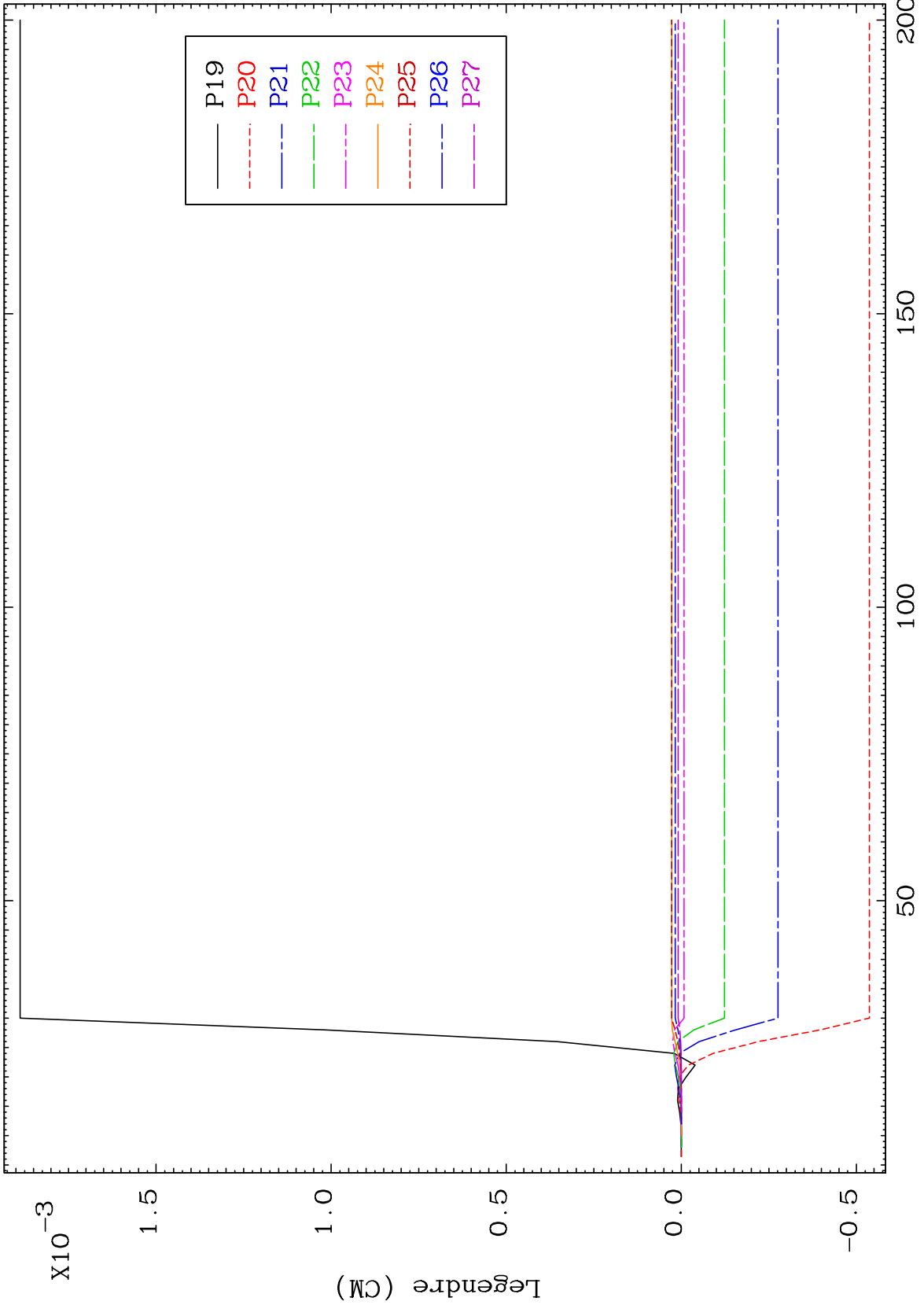
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



99

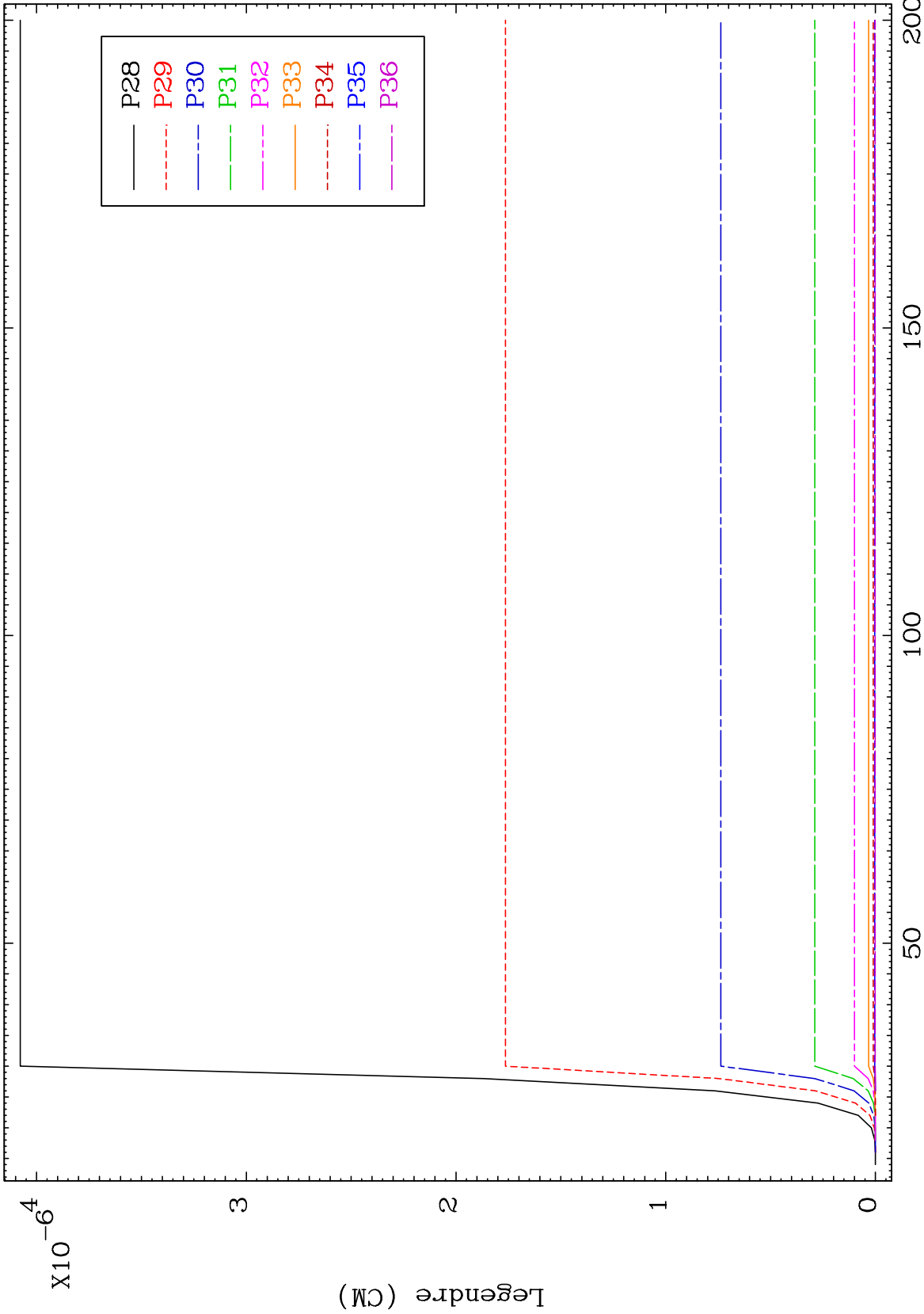
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



100

50

100

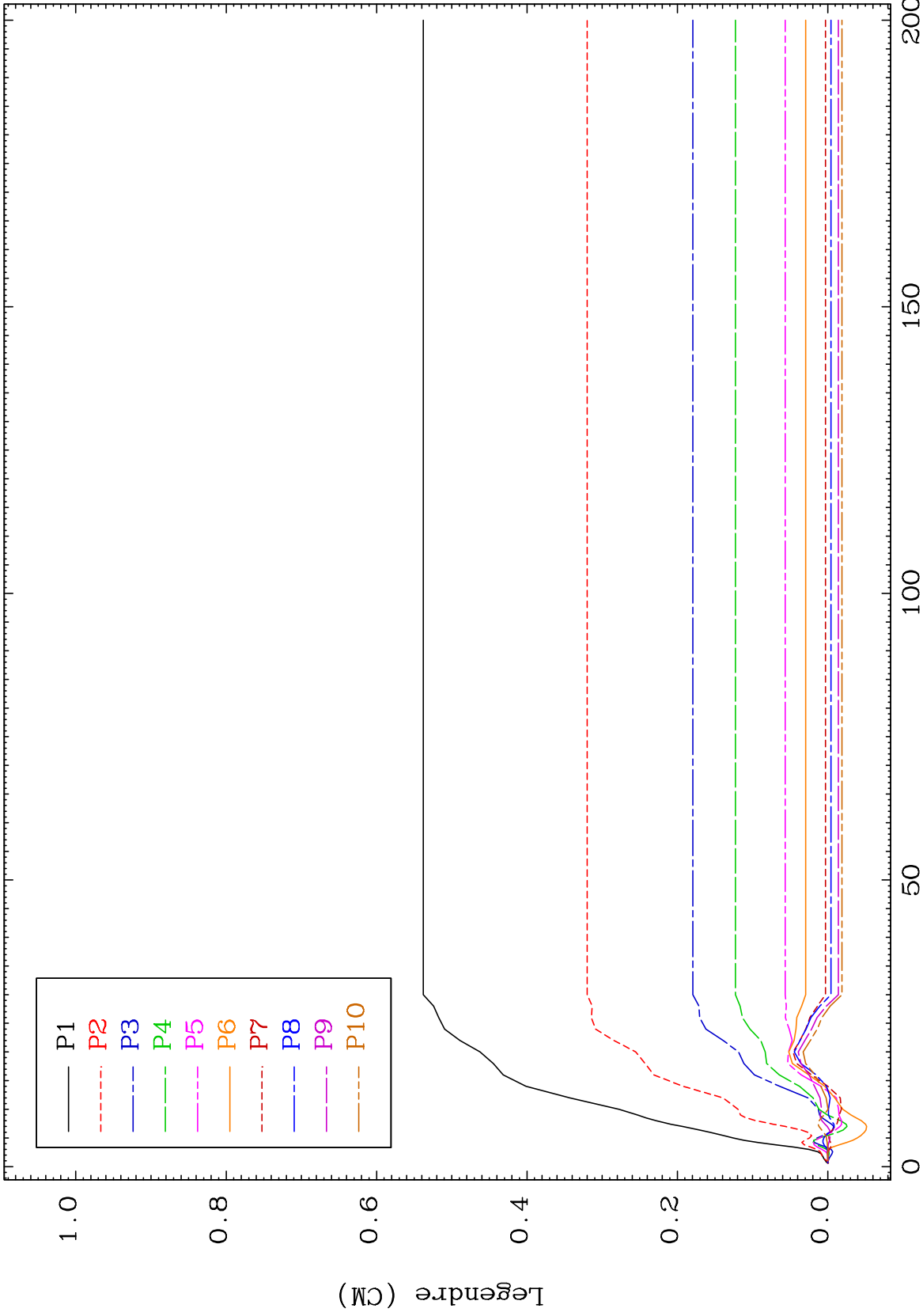
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



101

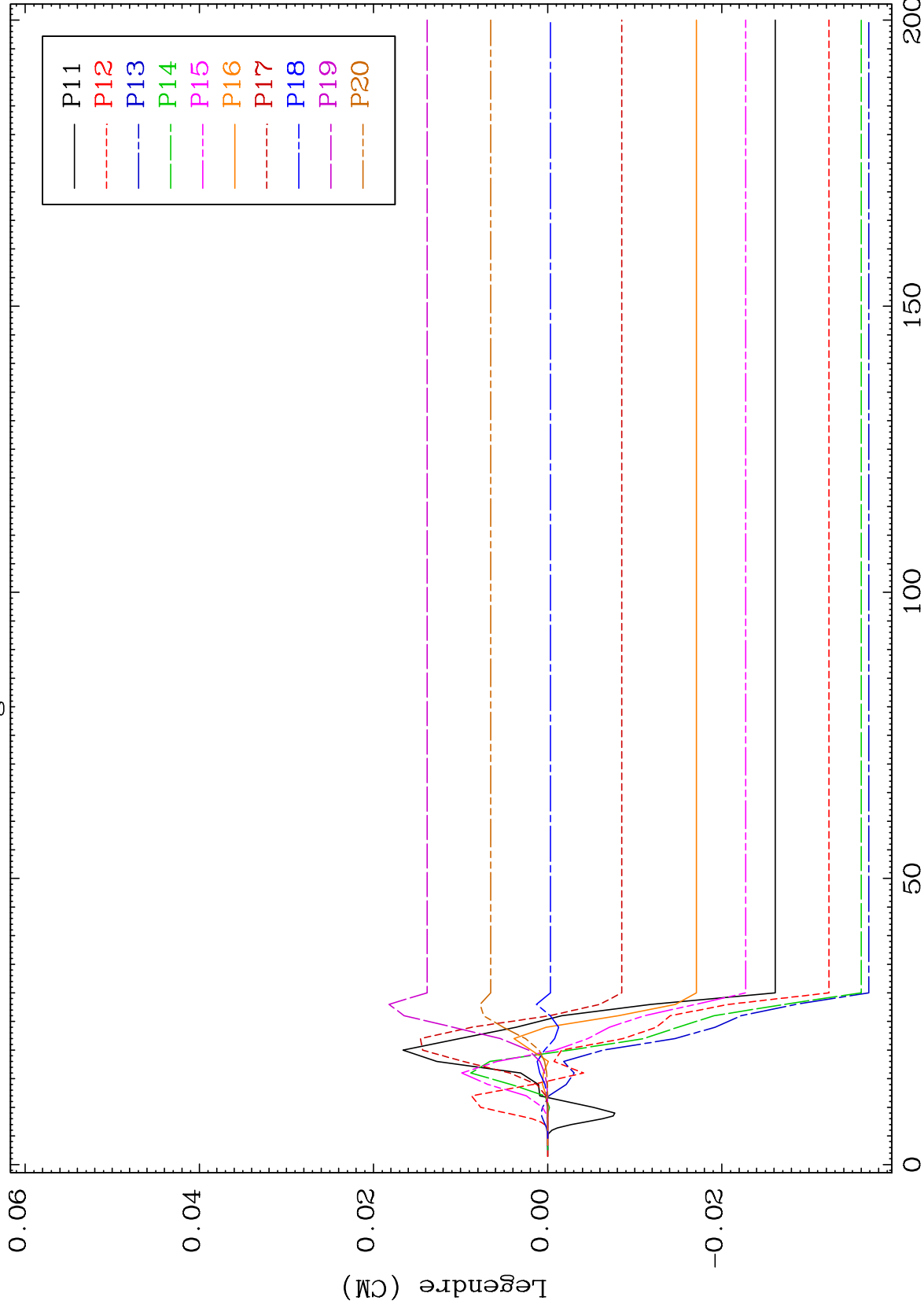
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



102

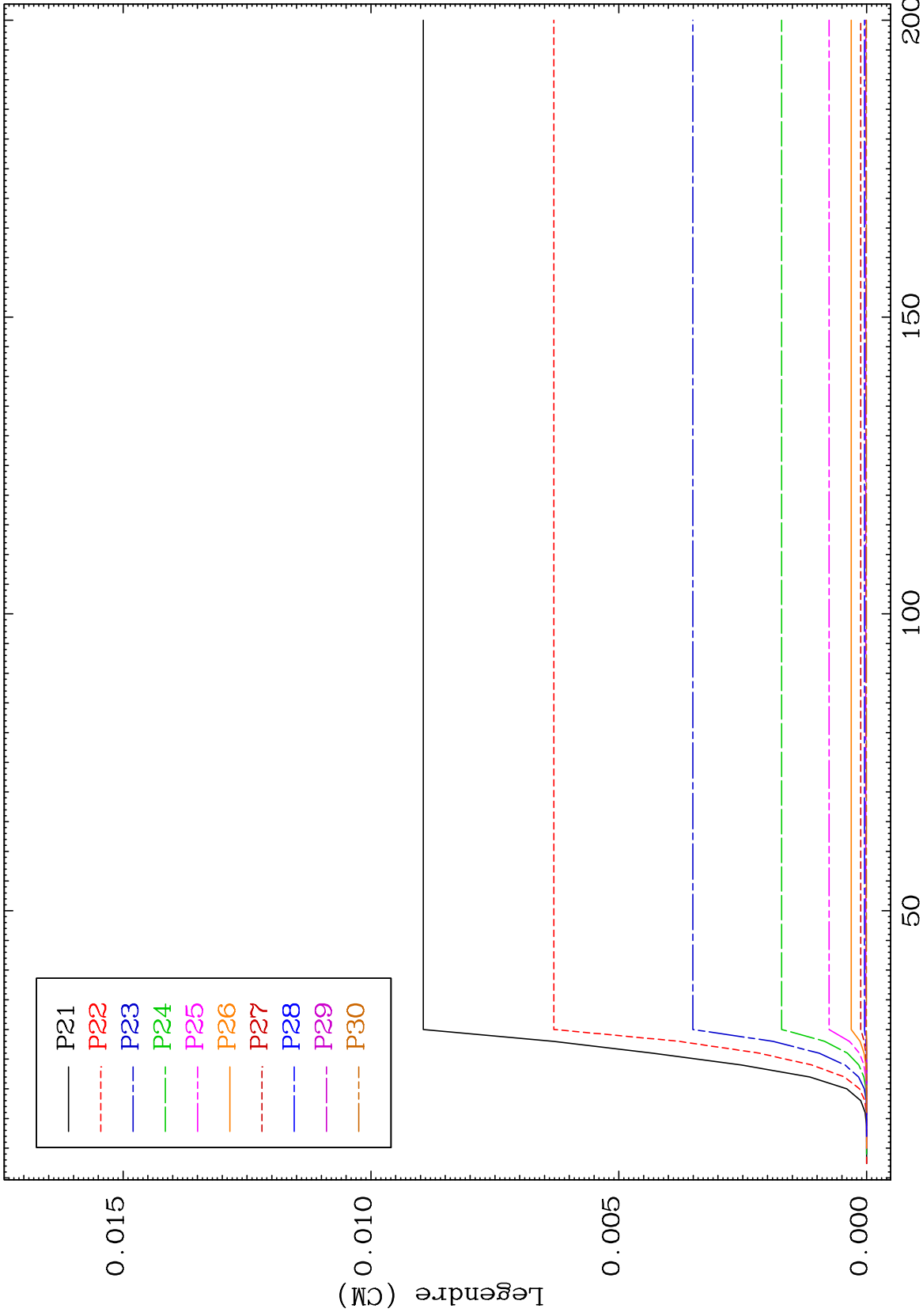
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



103

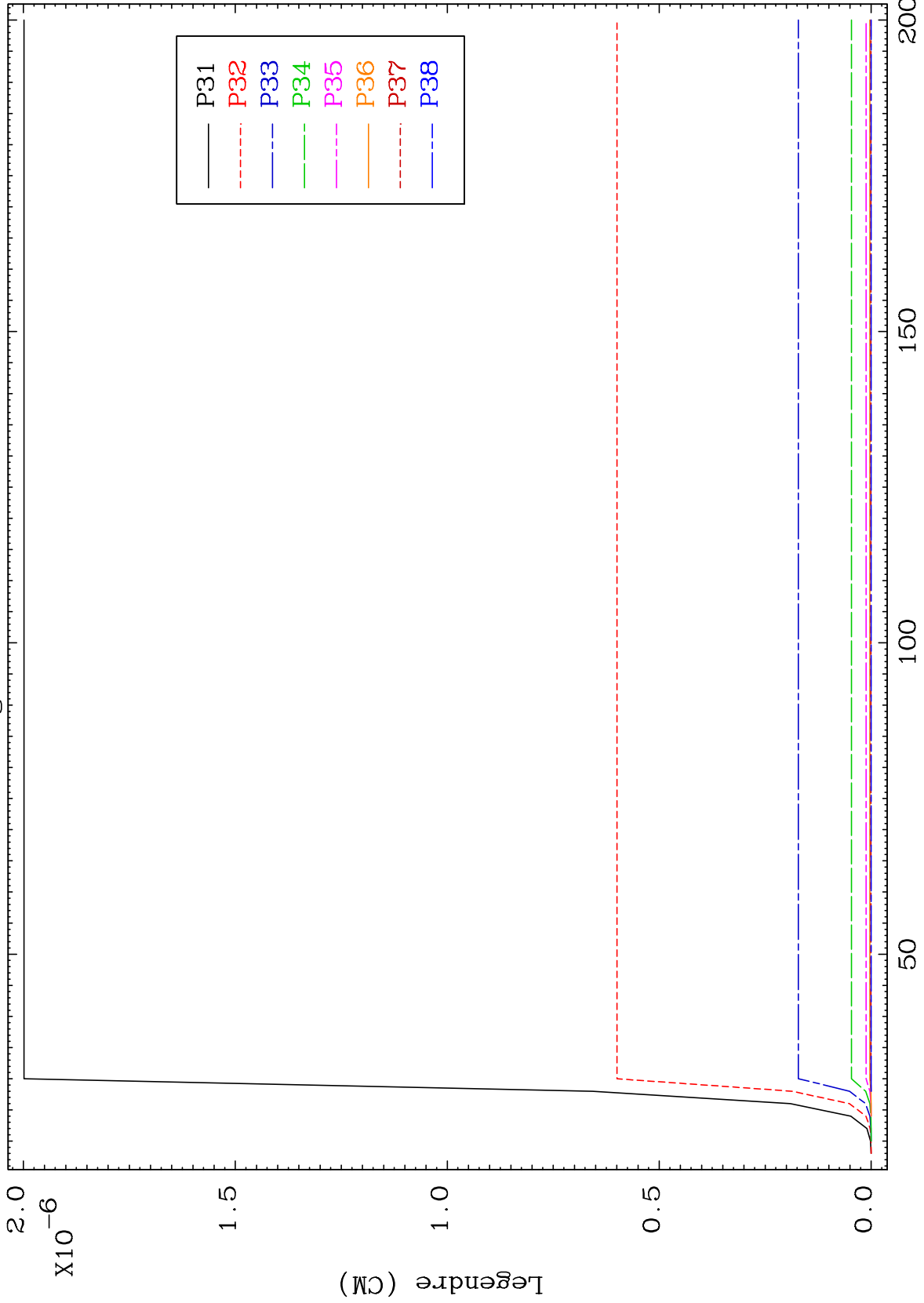
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



104

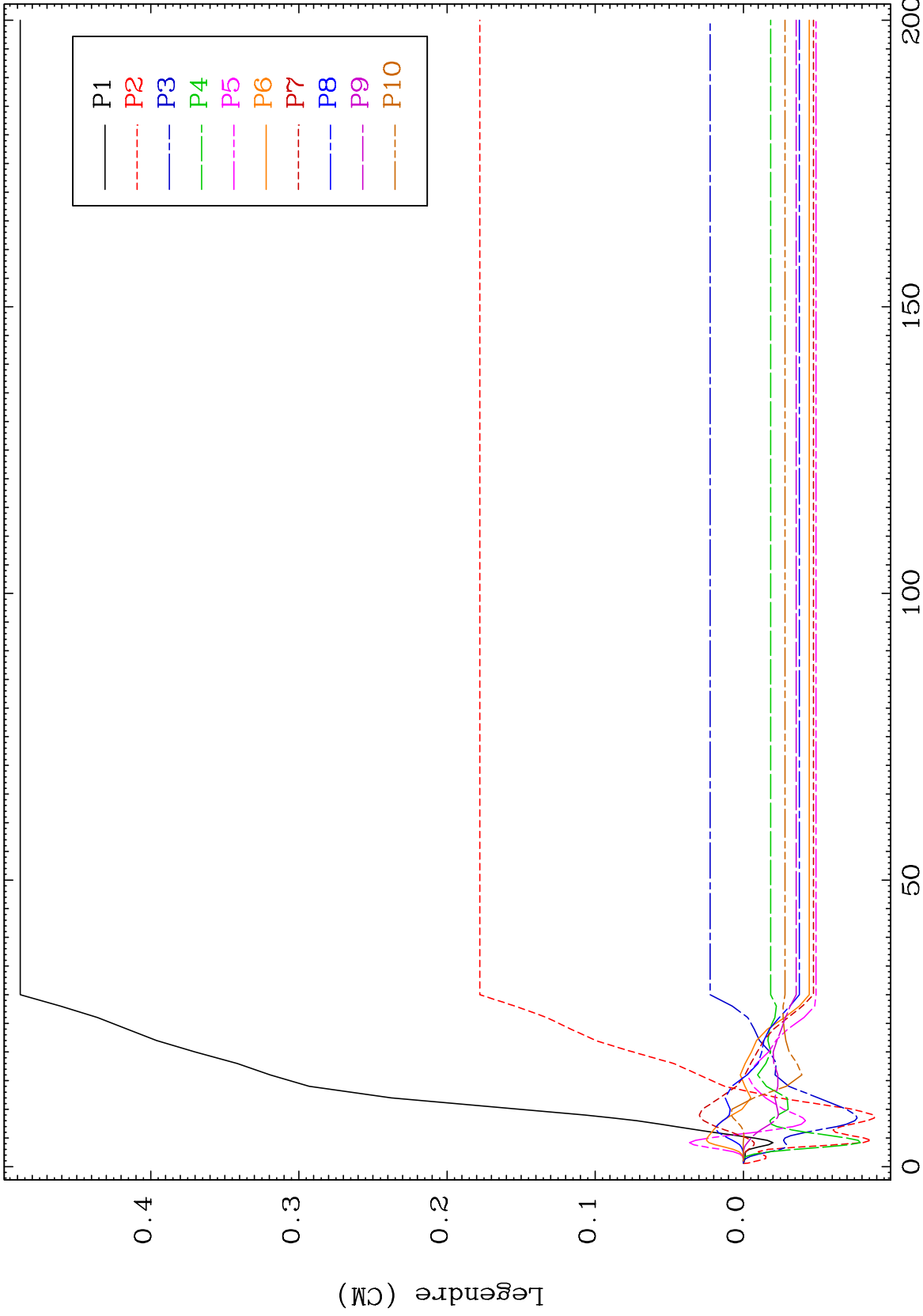
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



76-Os-191

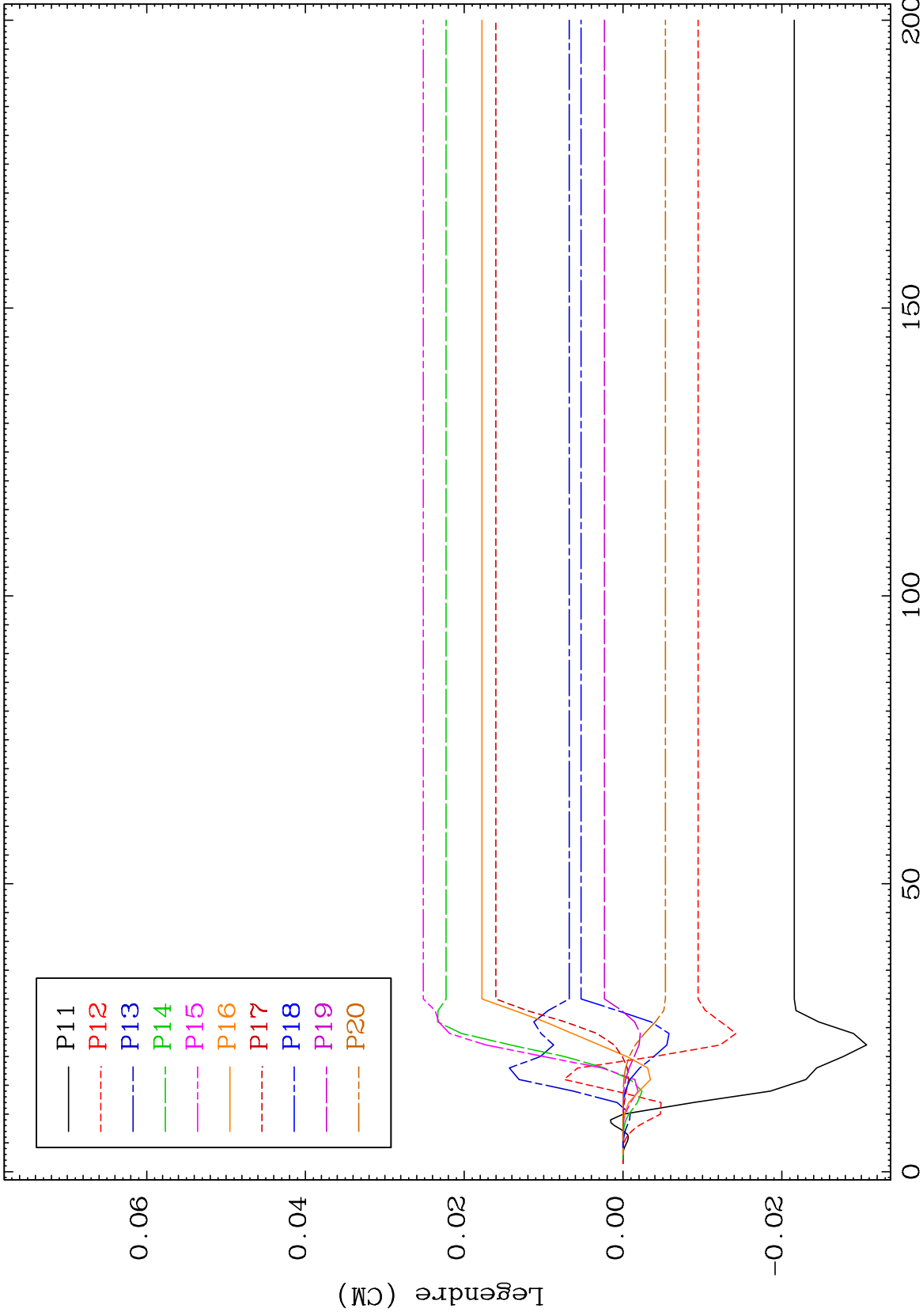
Incident Energy (MeV)

105

MAT 7646

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

76-Os-191



106

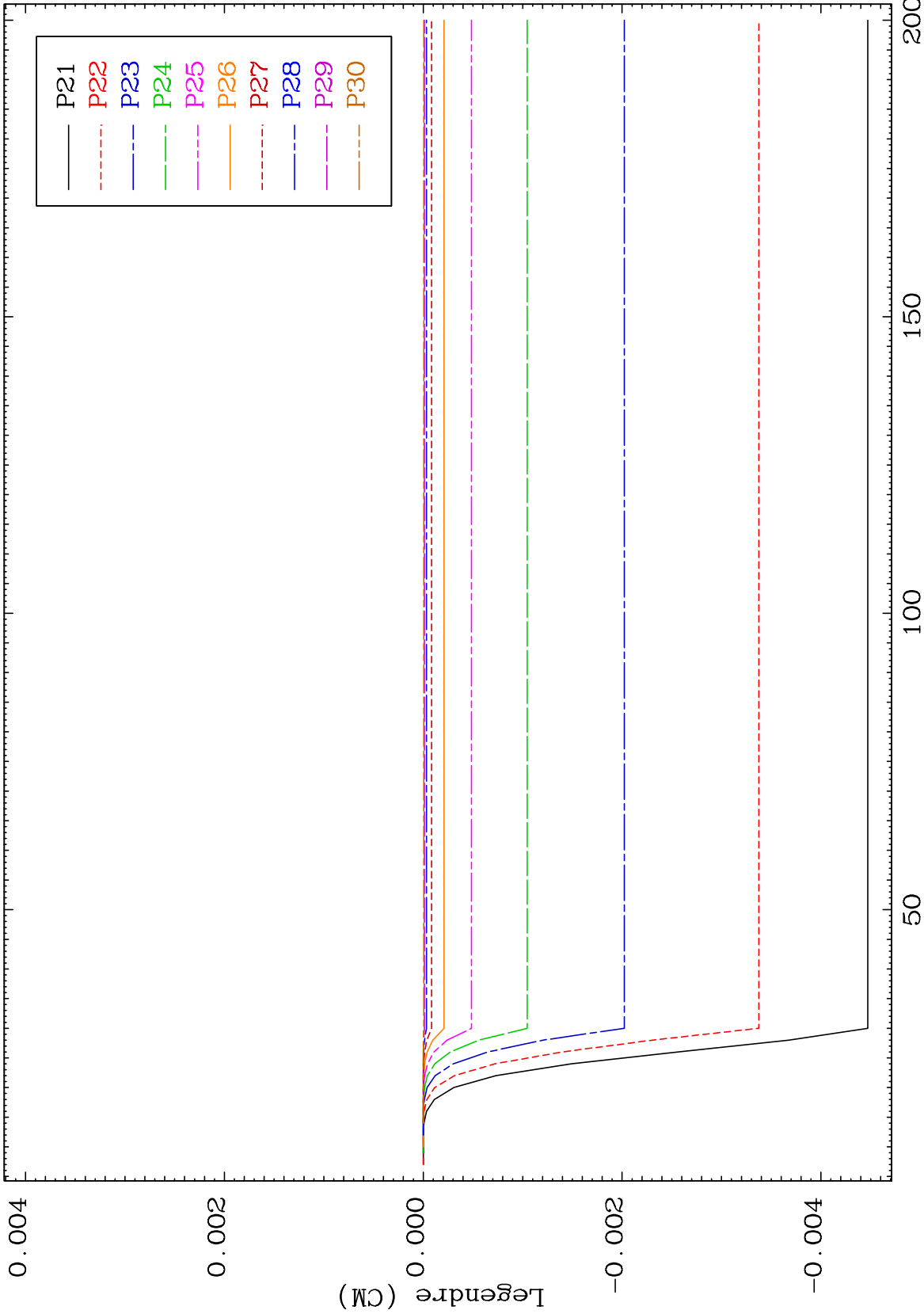
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191

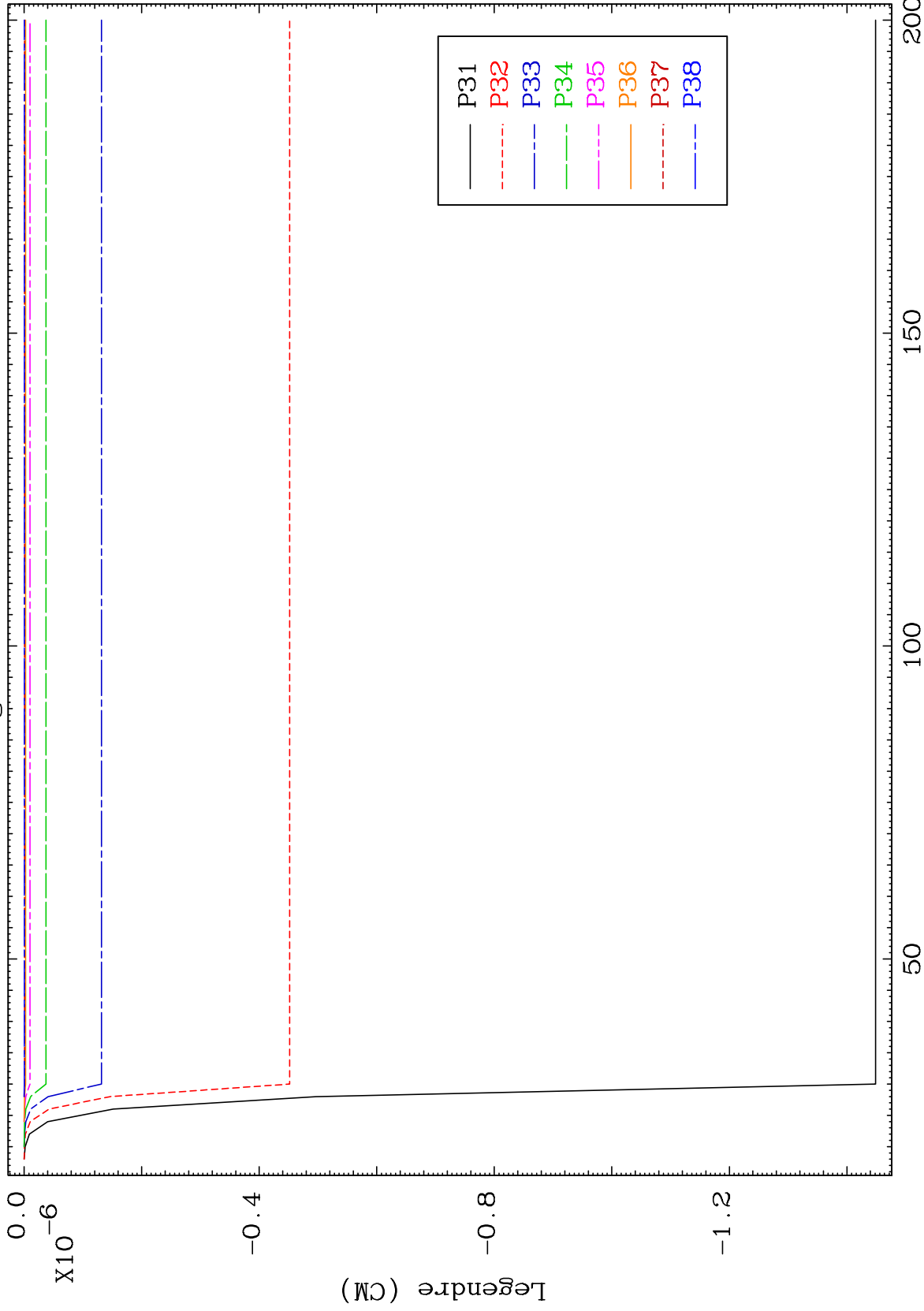


107

Incident Energy (MeV)

76-Os-191

MAT 7646 MT= 74 (n,n') Level Legendre Coefficients 76-Os-191

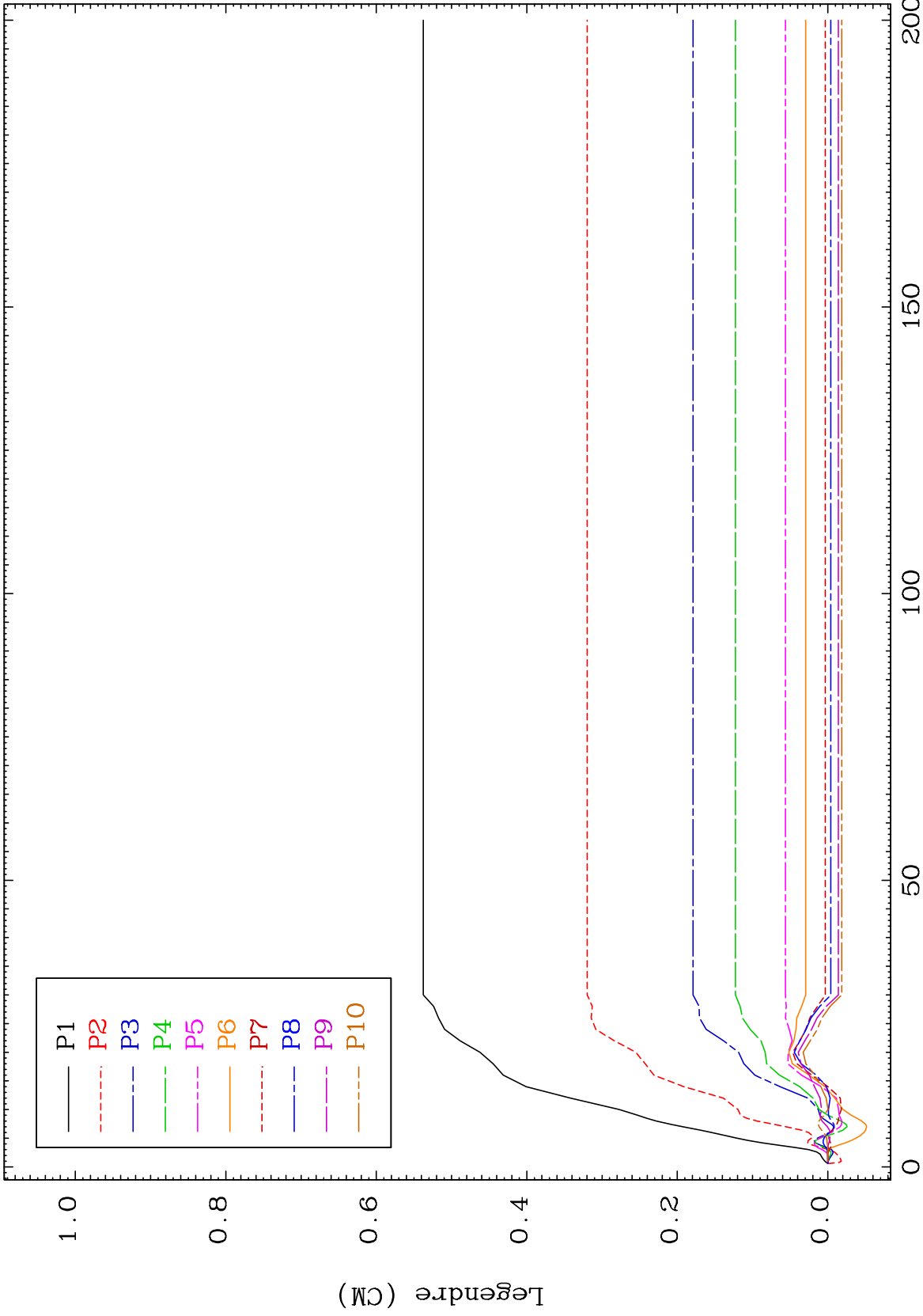


108 76-Os-191

MAT 7646

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

76-Os-191



76-Os-191

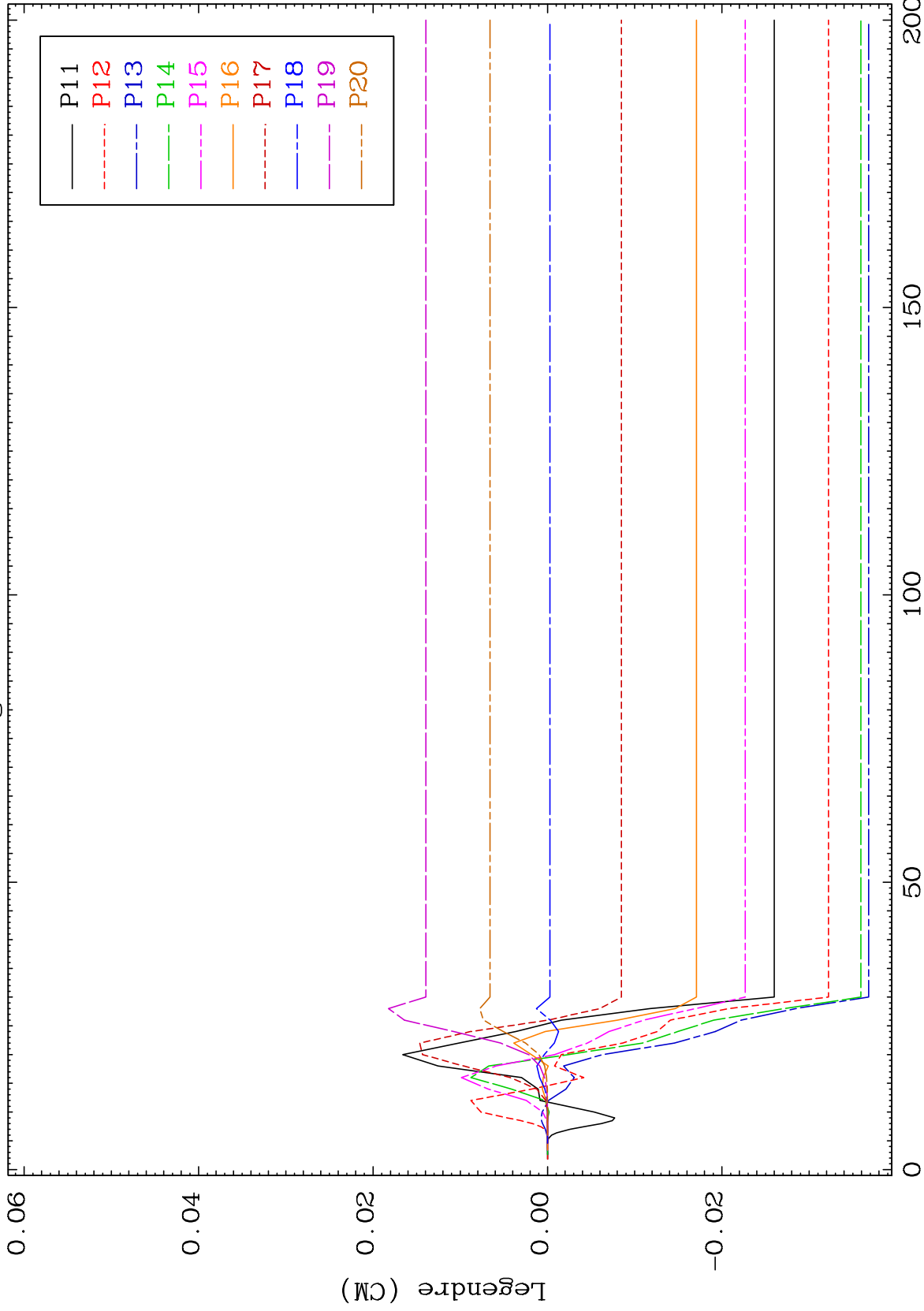
Incident Energy (MeV)

109

MAT 7646

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

76-Os-191



110

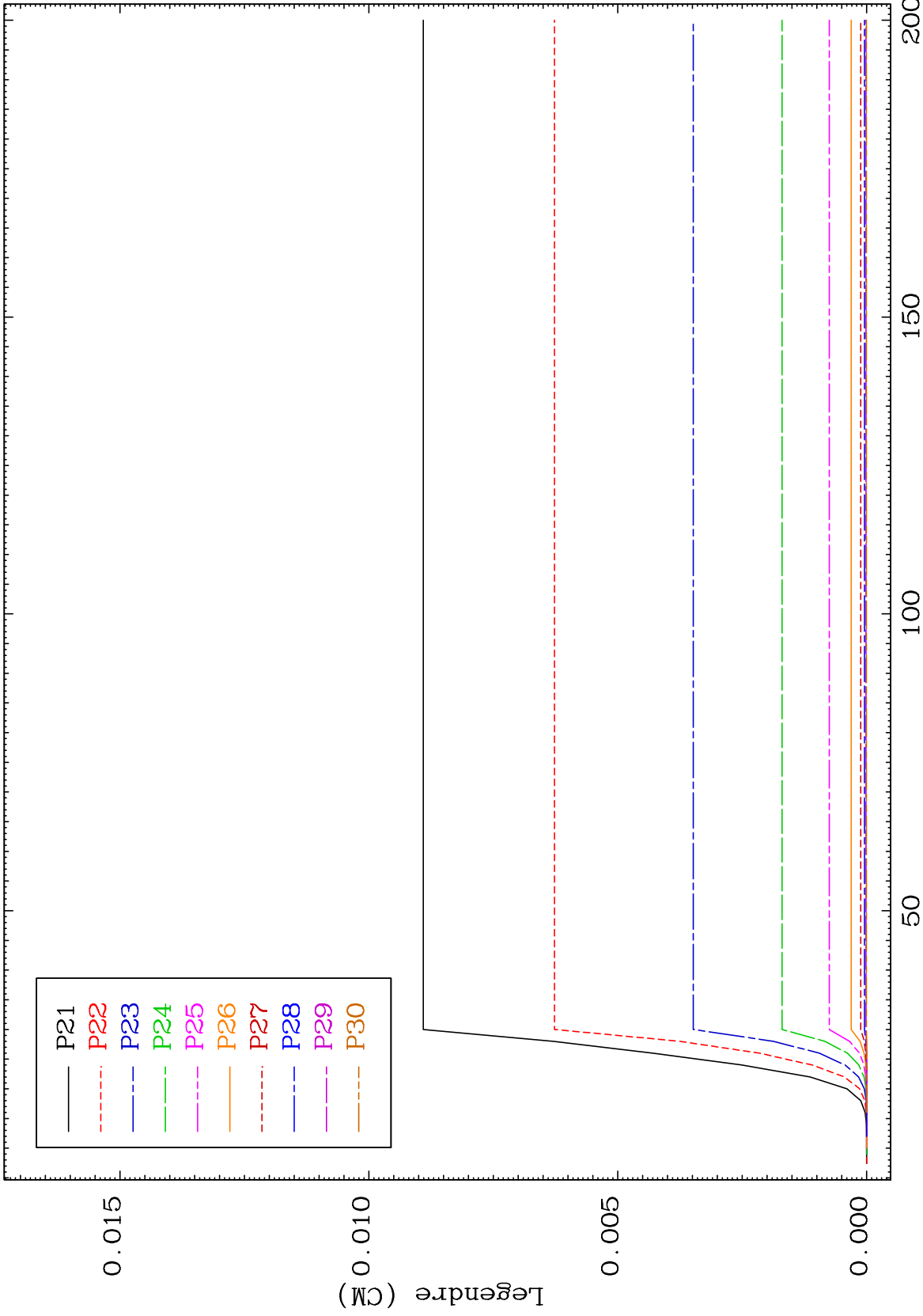
Incident Energy (MeV)

76-Os-191

MAT 7646

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

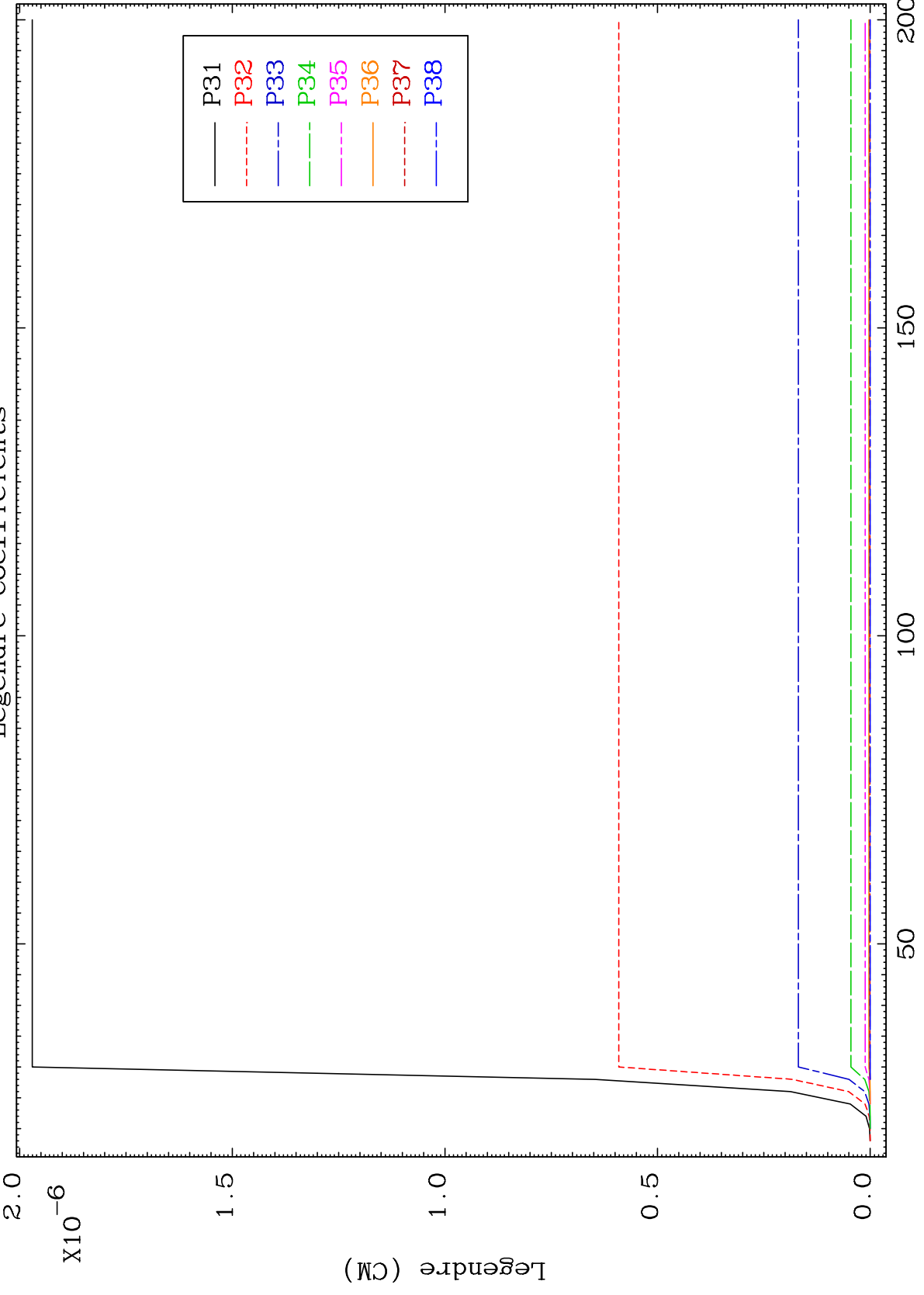
76-Os-191



111

76-Os-191

MAT 7646 MT= 75 (n,n') Level Legendre Coefficients 76-Os-191

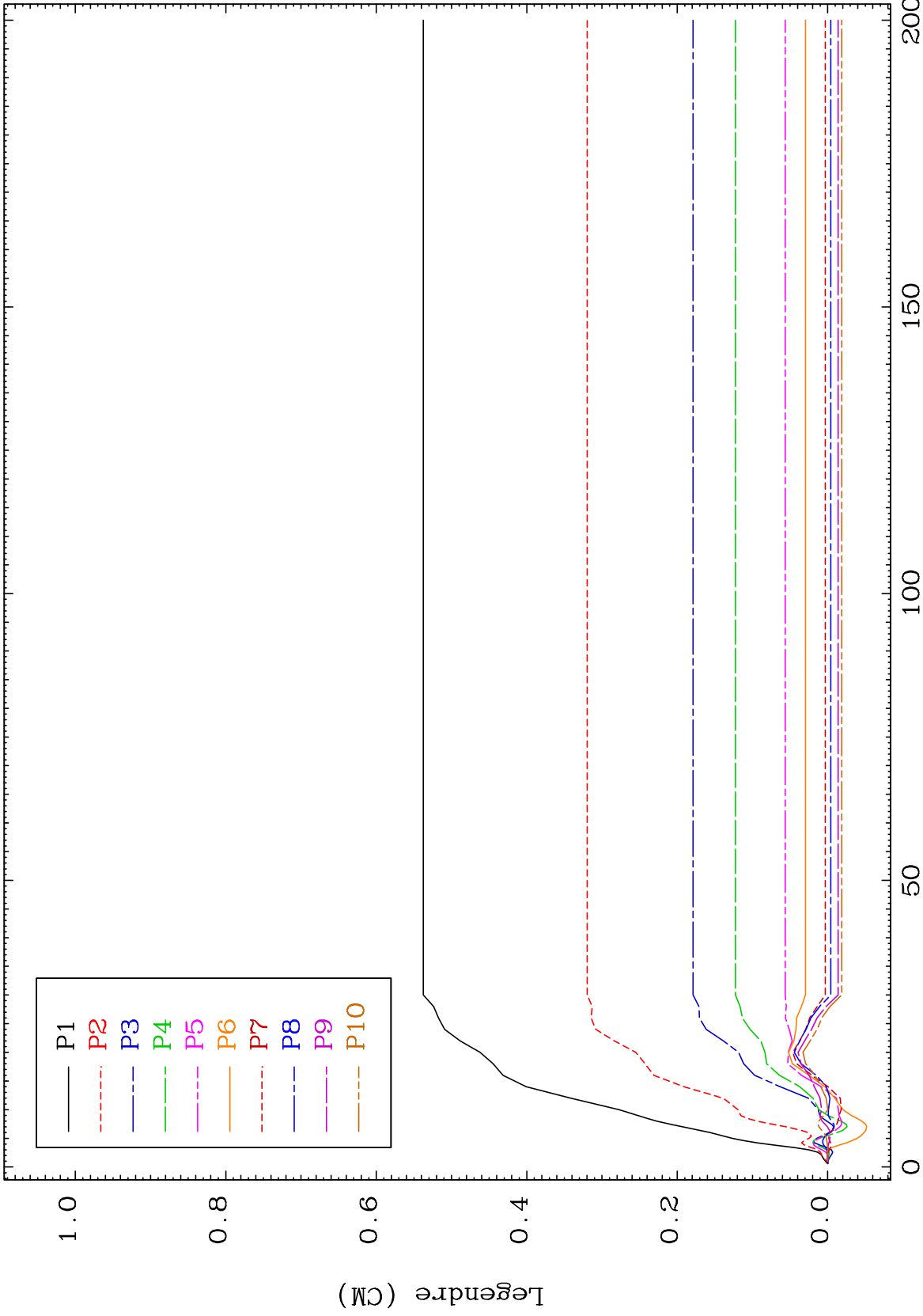


112 Incident Energy (MeV) 76-Os-191

MAT 7646

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

76-Os-191



113

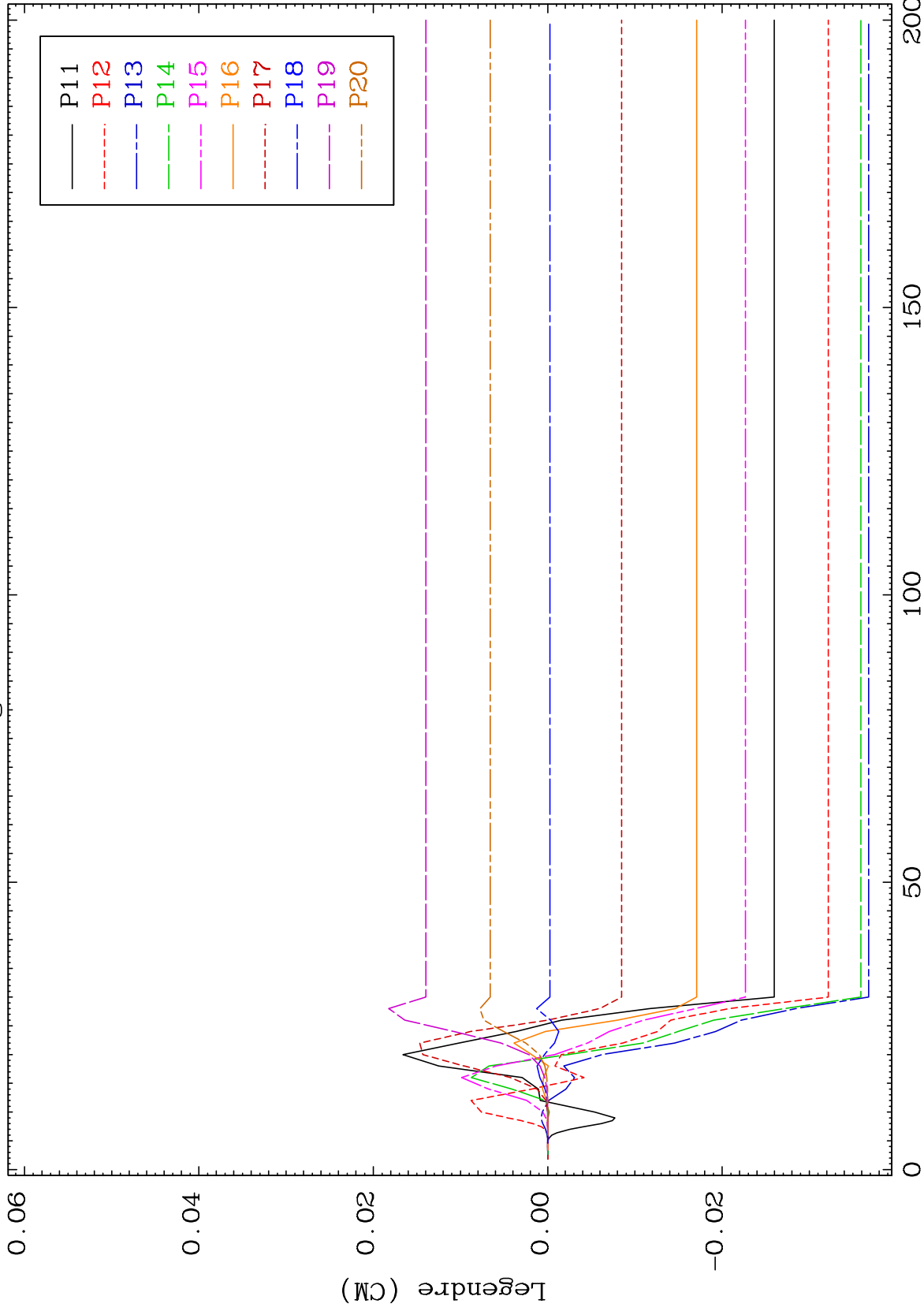
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



76-Os-191

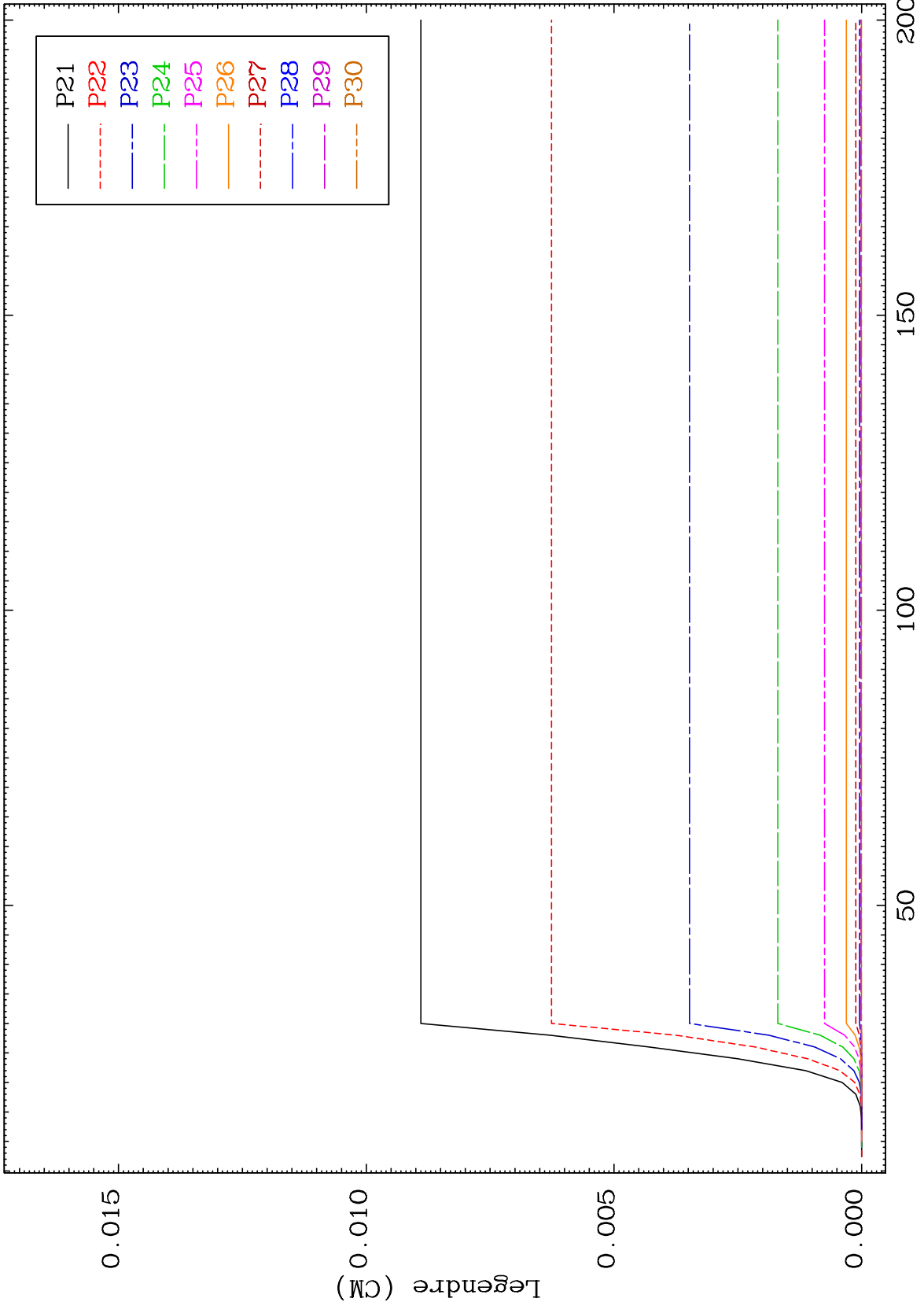
Incident Energy (MeV)

114

MAT 7646

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

76-Os-191

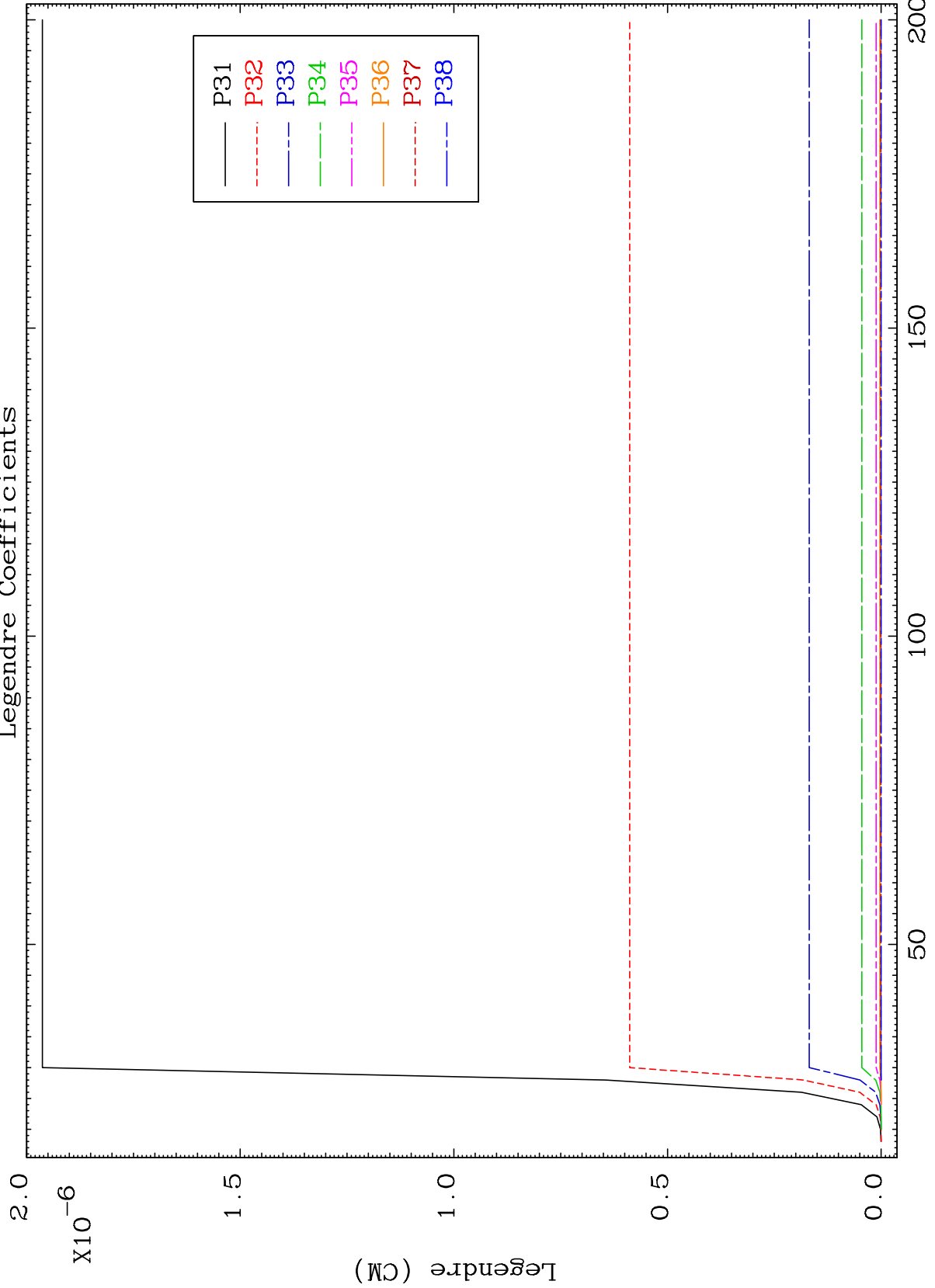


115

Incident Energy (MeV)

76-Os-191

MAT 7646 MT= 76 (n,n') Level Legendre Coefficients 76-Os-191



76-Os-191

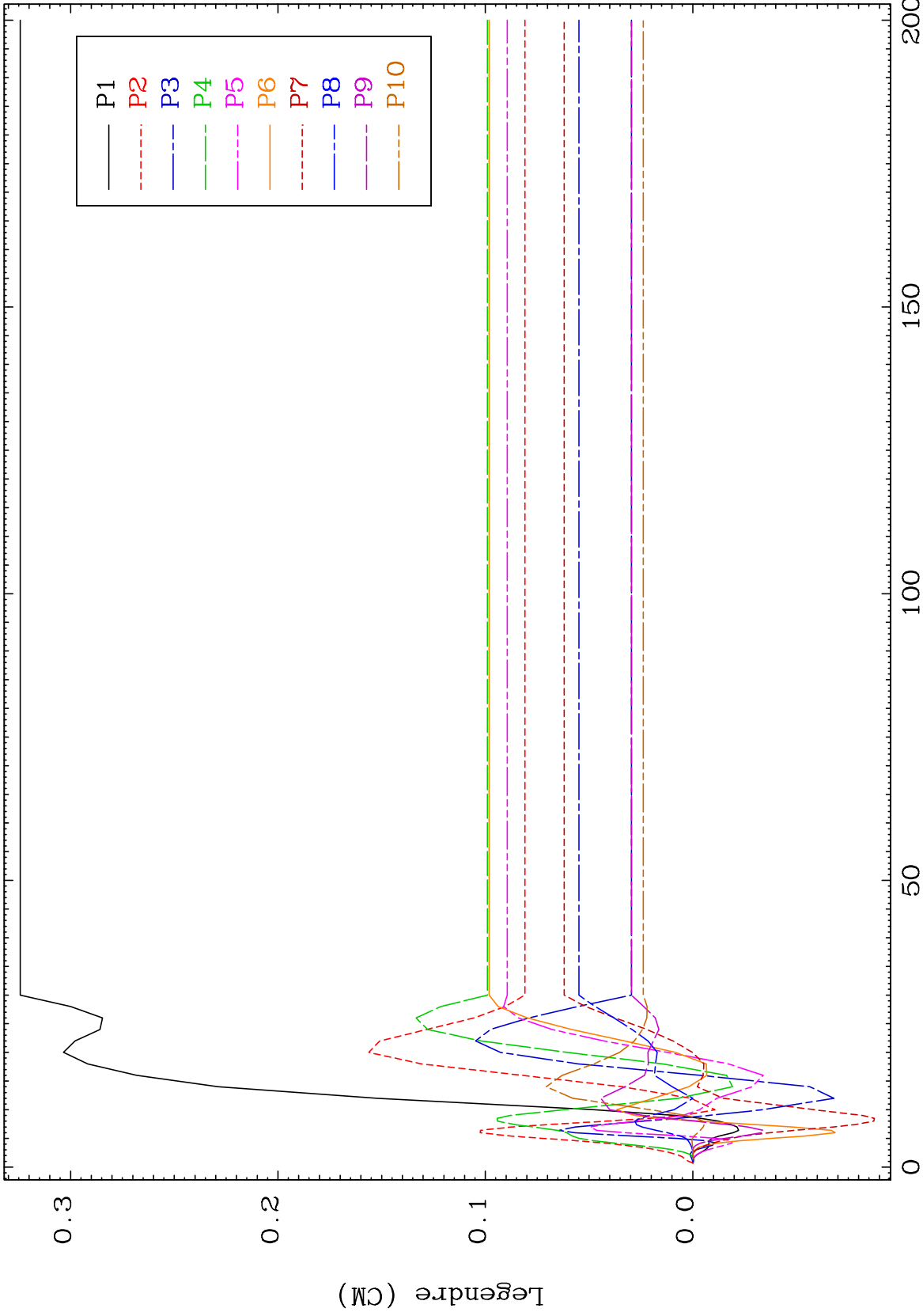
Incident Energy (MeV)

116

MAT 7646

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

76-Os-191



117

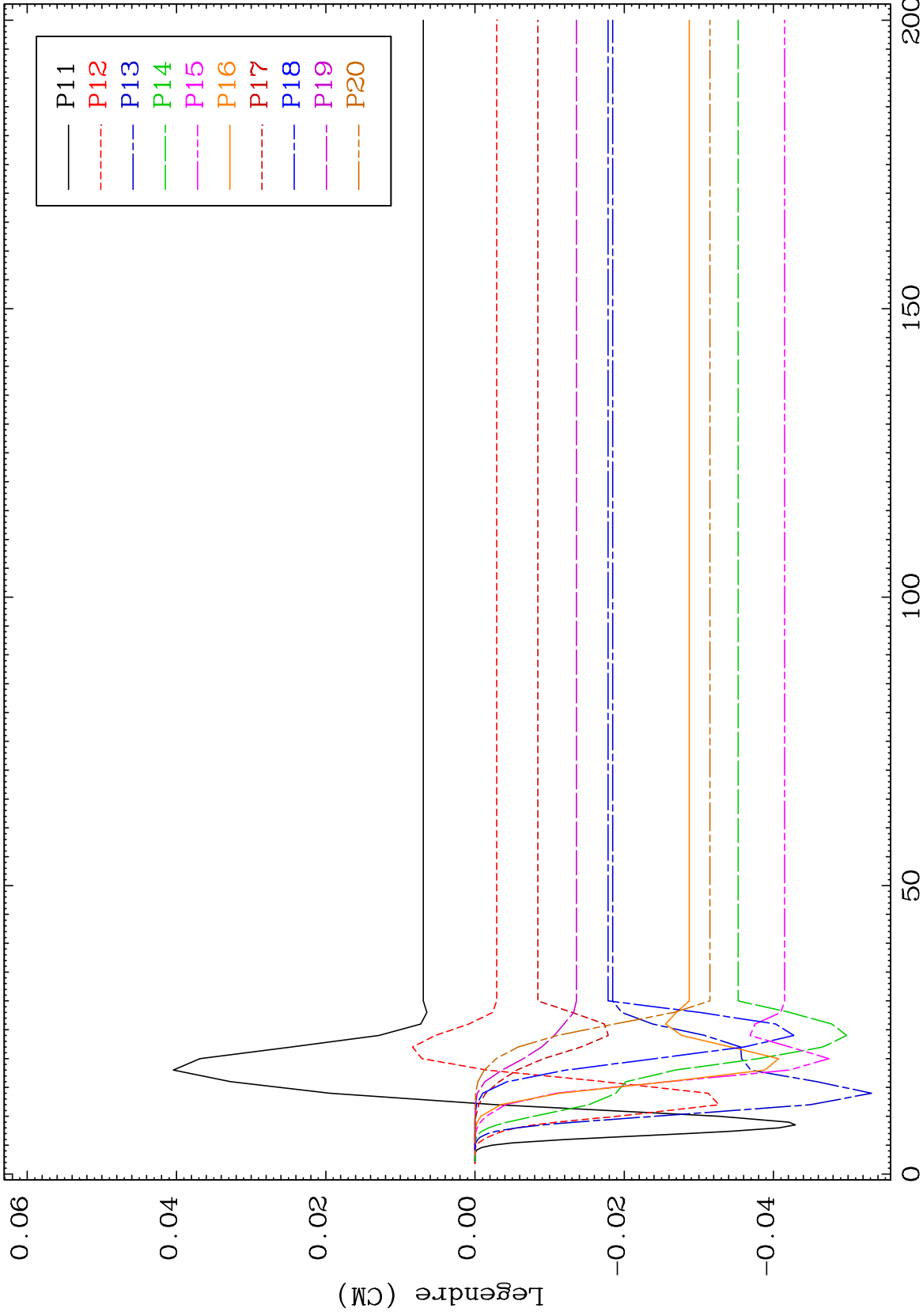
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



118

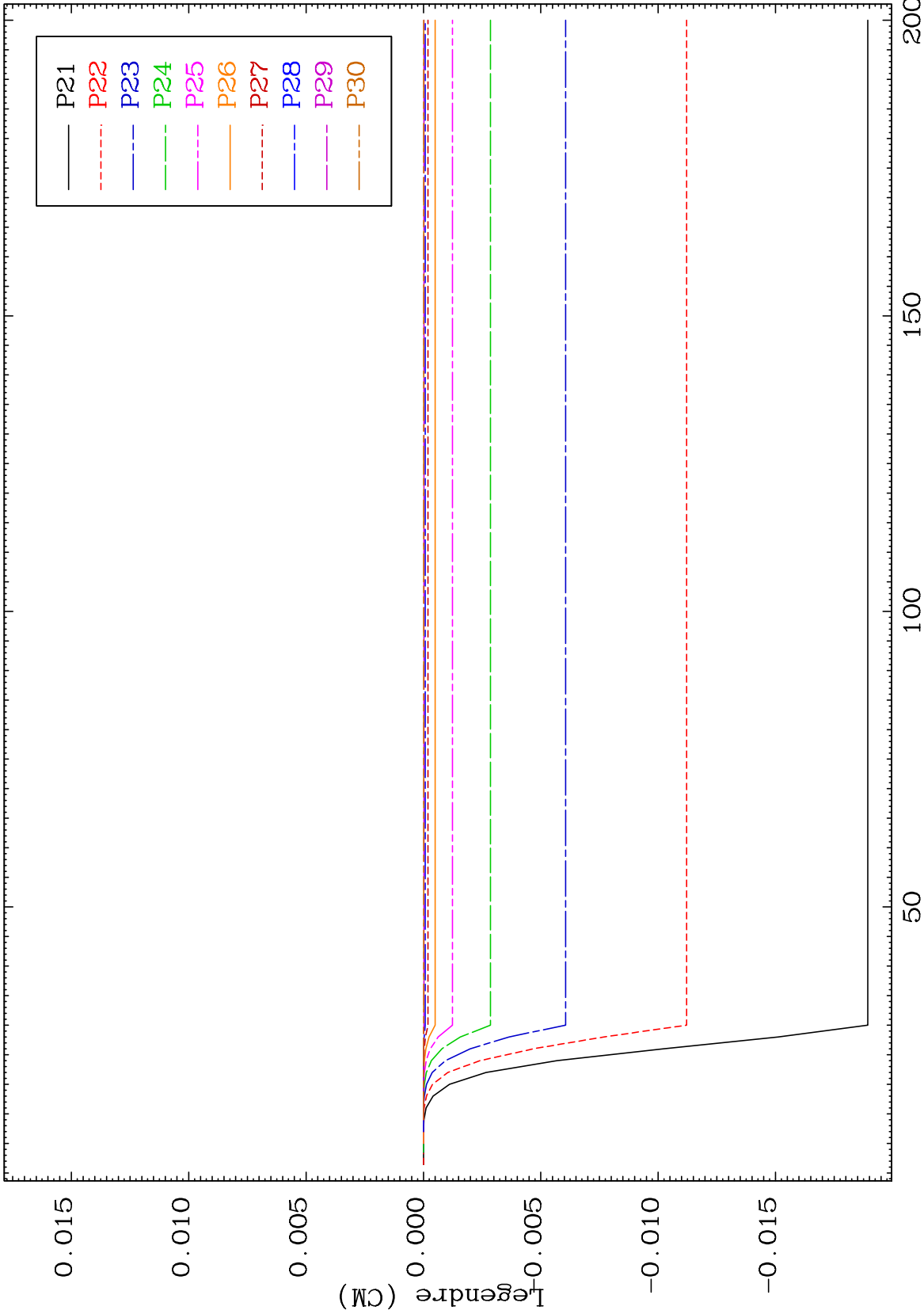
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191

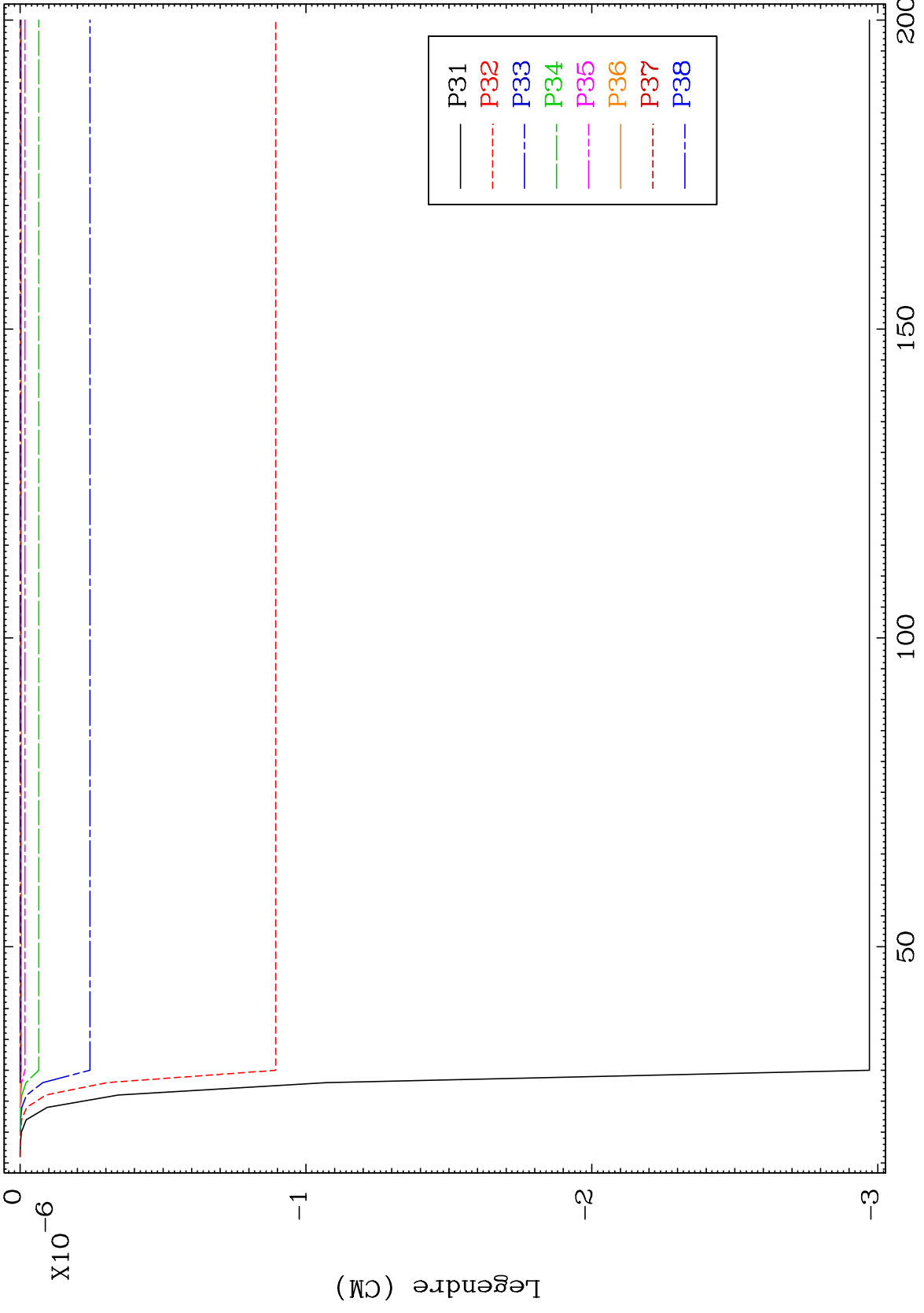


119

Incident Energy (MeV)

76-Os-191

MAT 7646 MT= 77 (n,n') Level Legendre Coefficients 76-Os-191

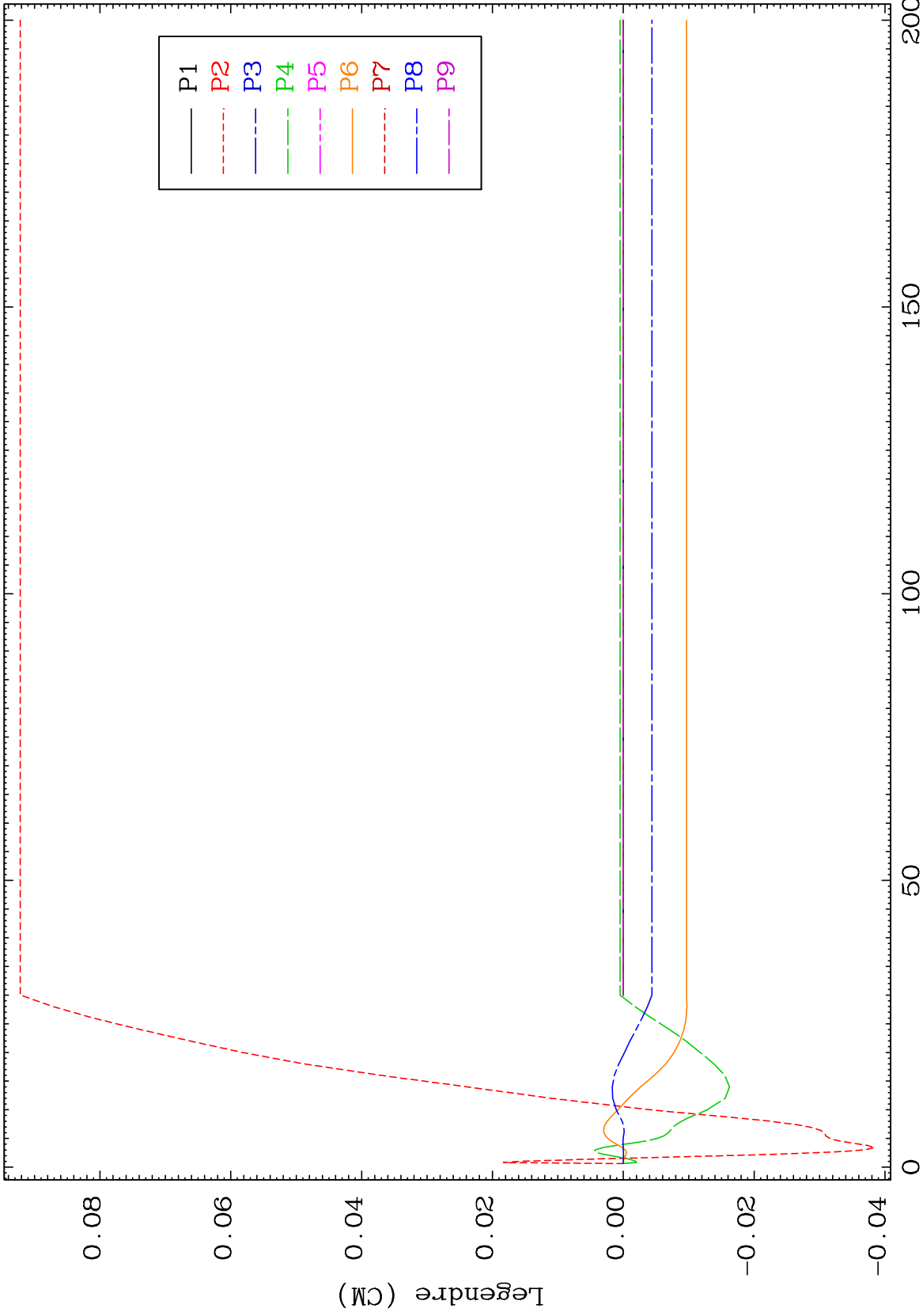


120 Incident Energy (MeV) 76-Os-191

MAT 7646

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

76-Os-191



121

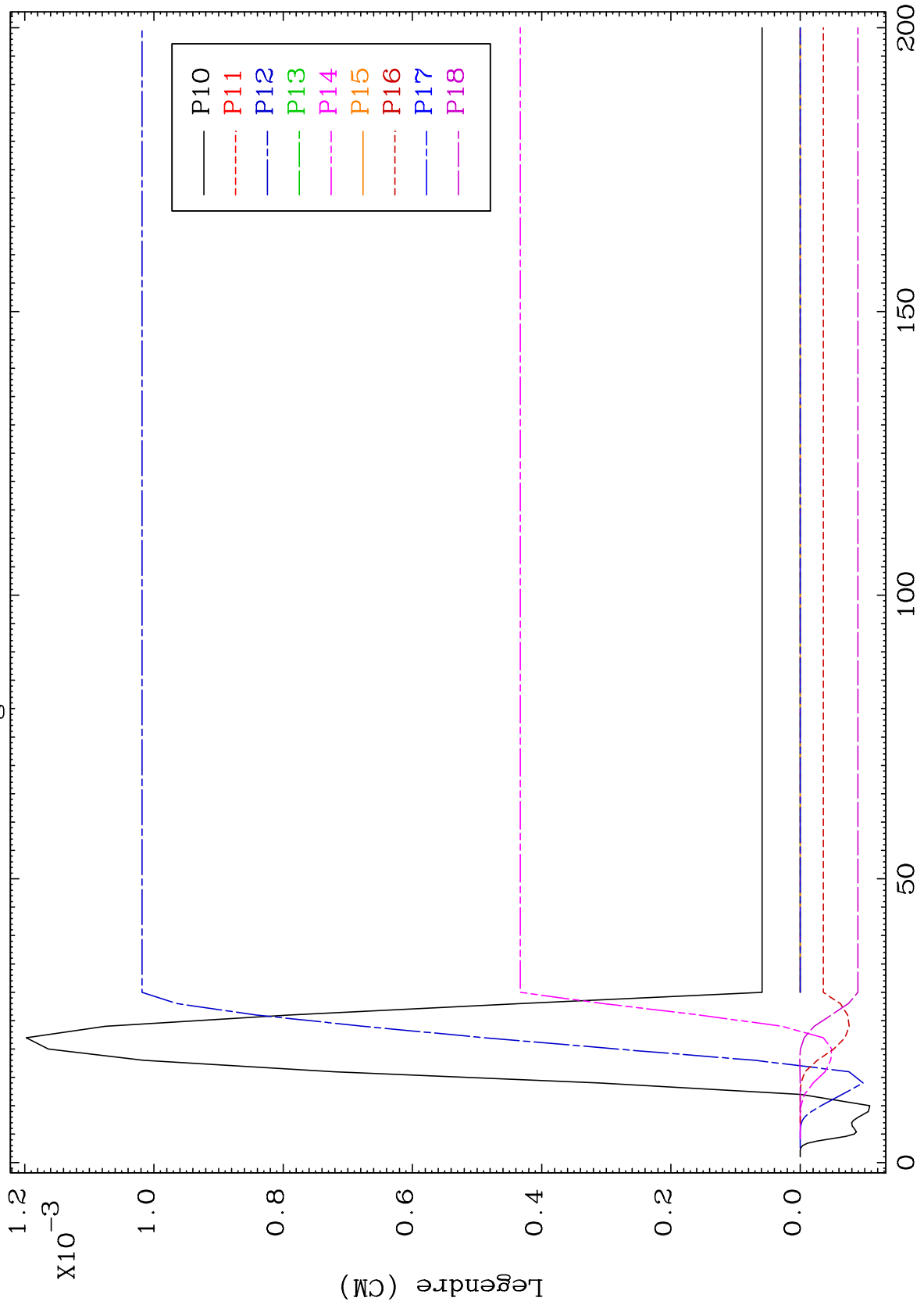
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



122

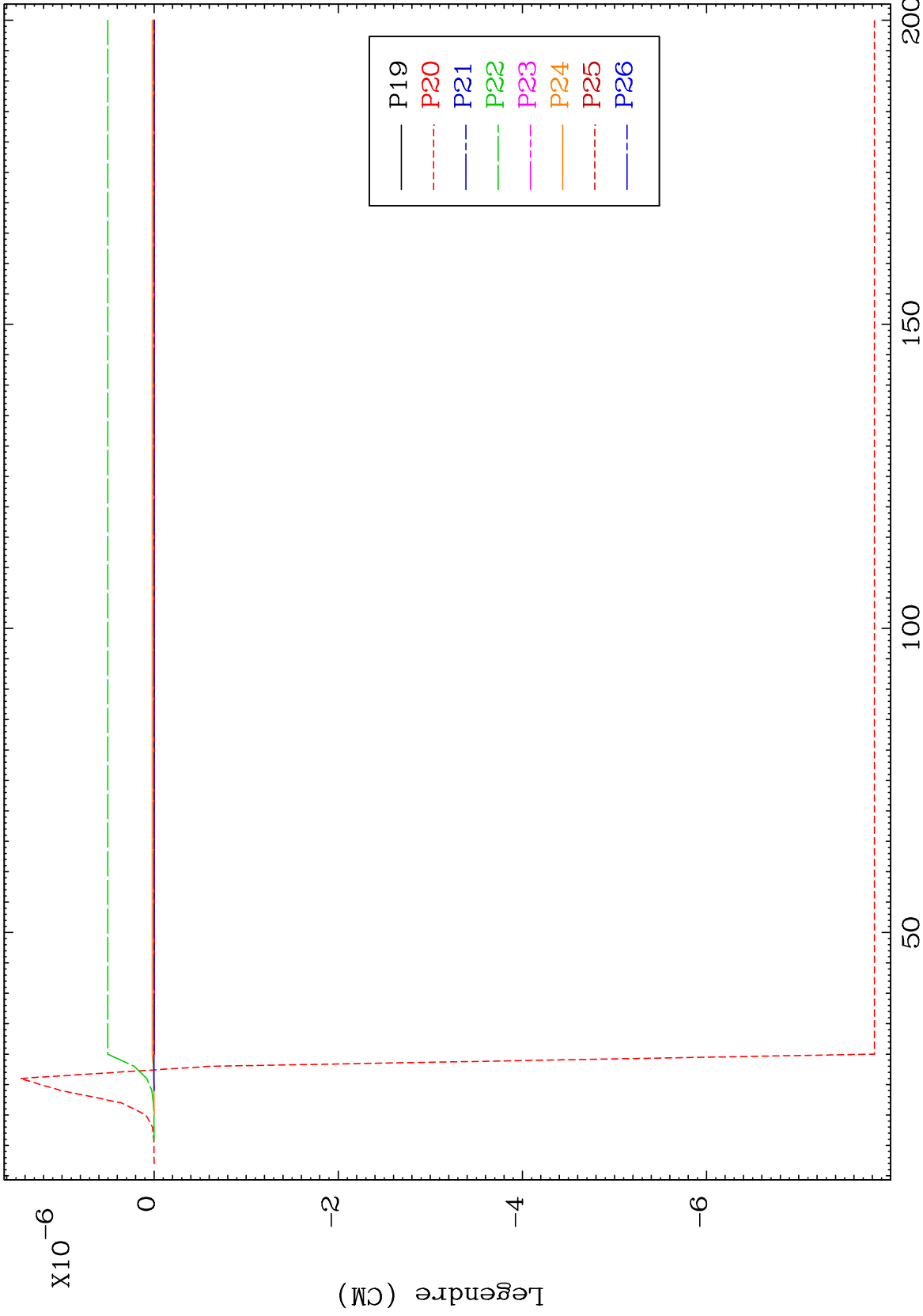
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



123

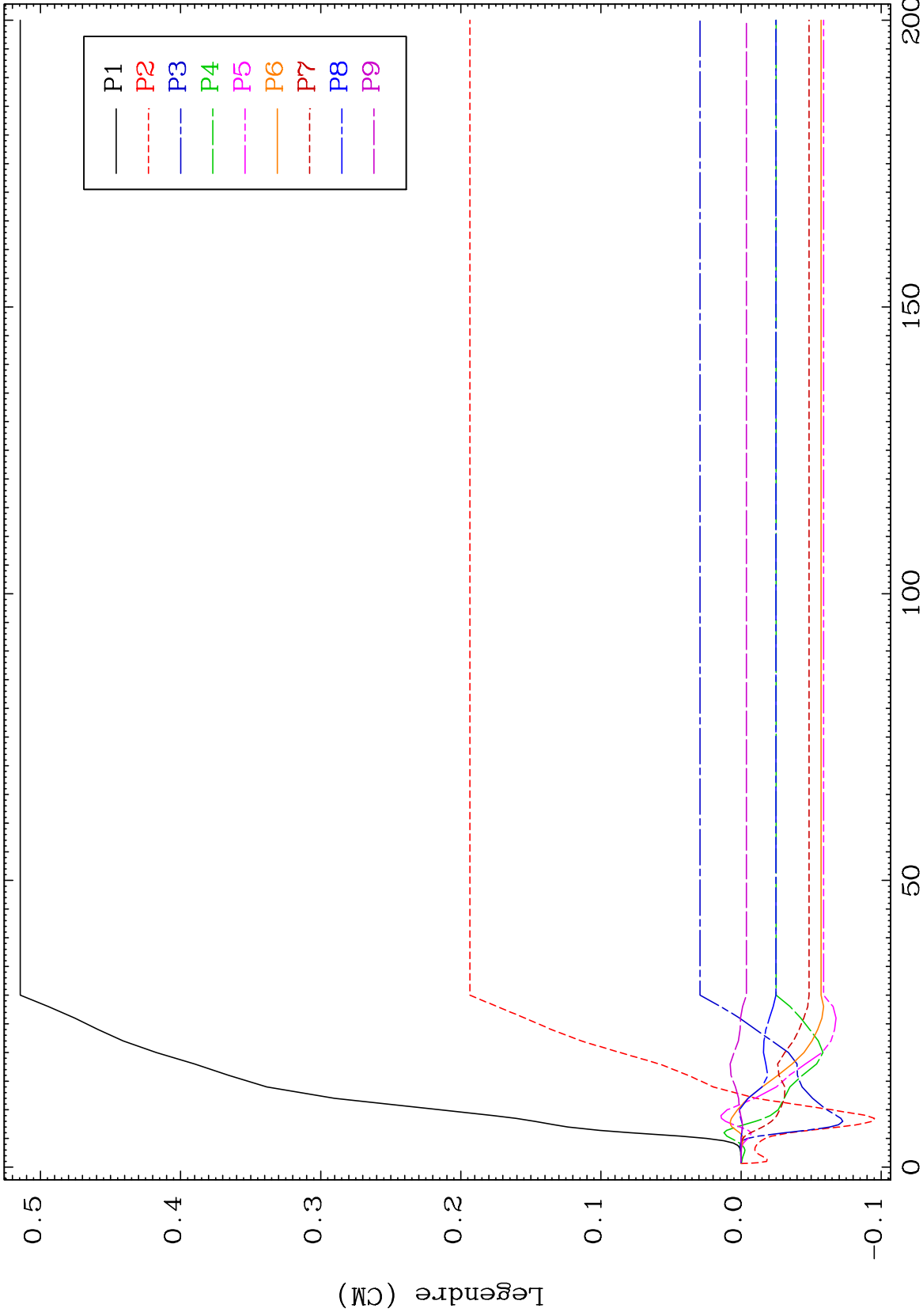
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



76-Os-191

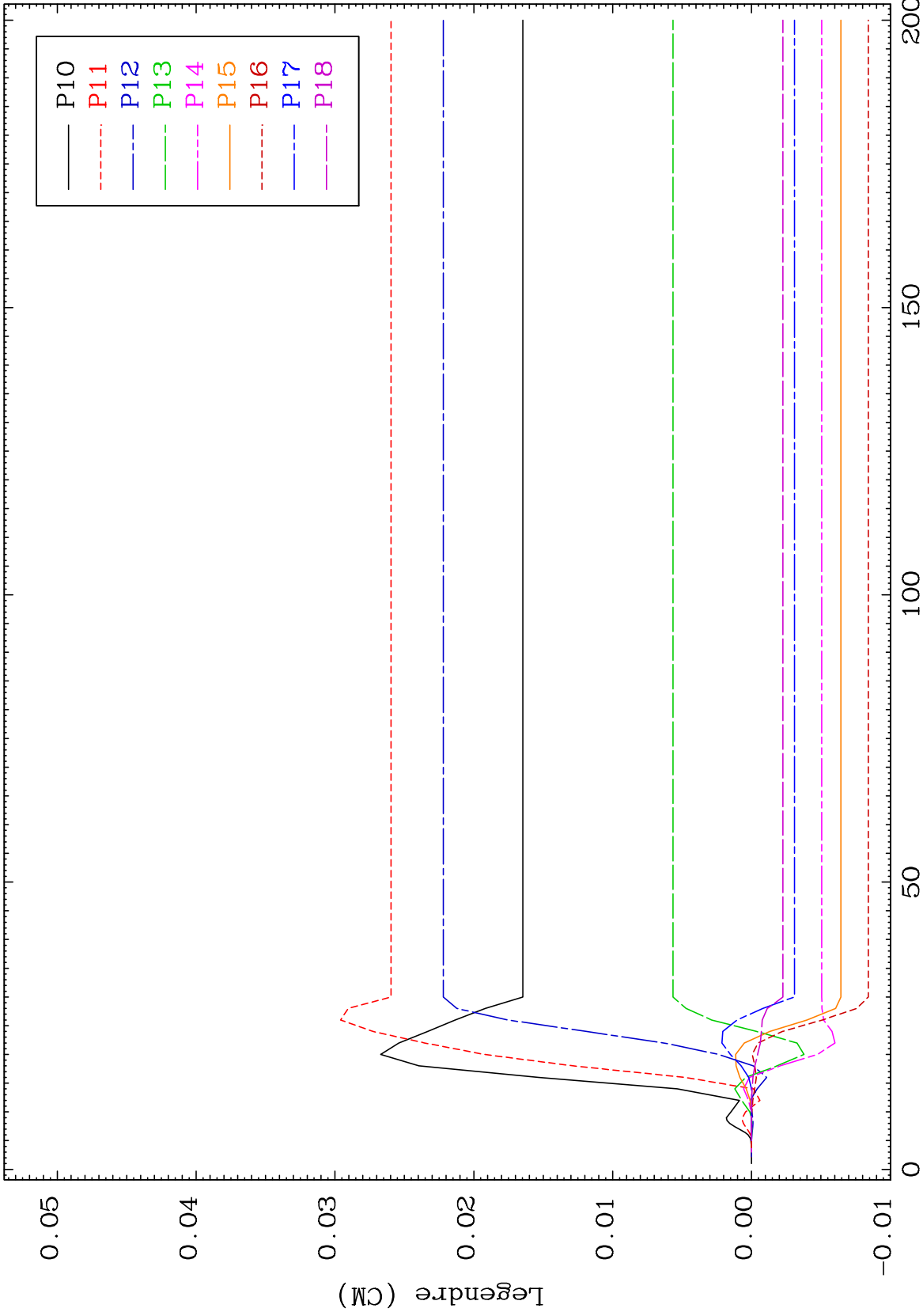
Incident Energy (MeV)

124

MAT 7646

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

76-Os-191



125

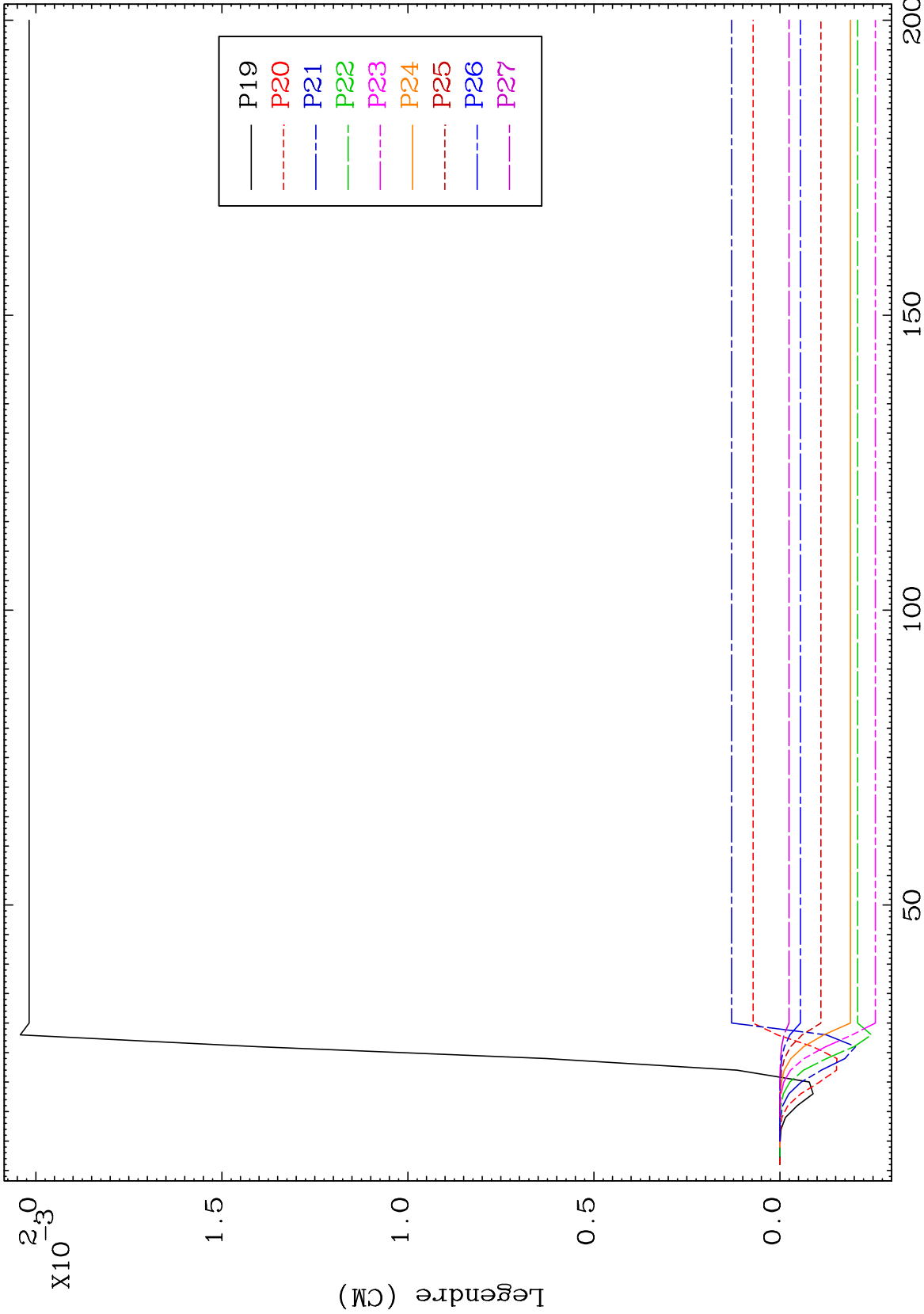
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191

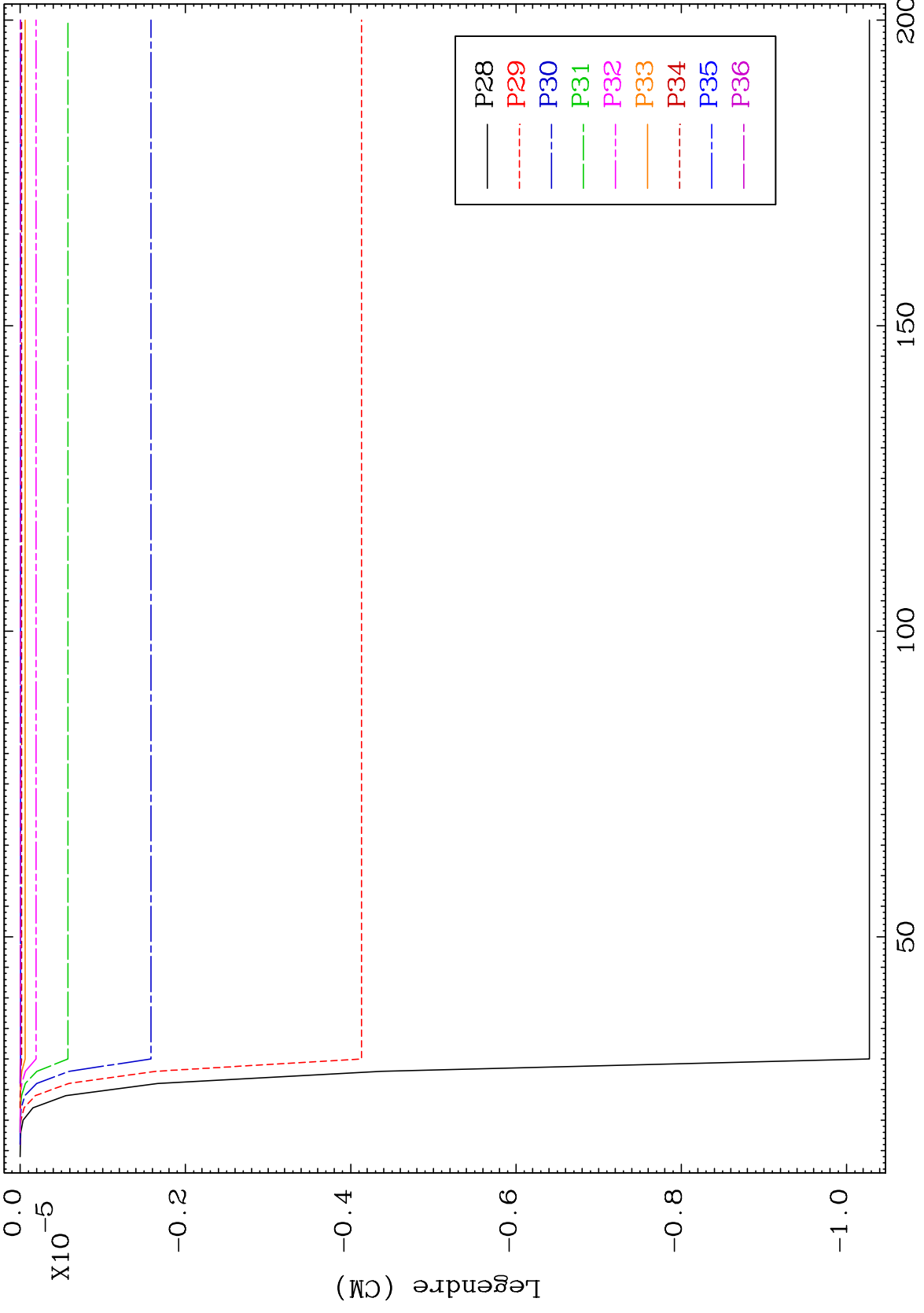


126

Incident Energy (MeV)

76-Os-191

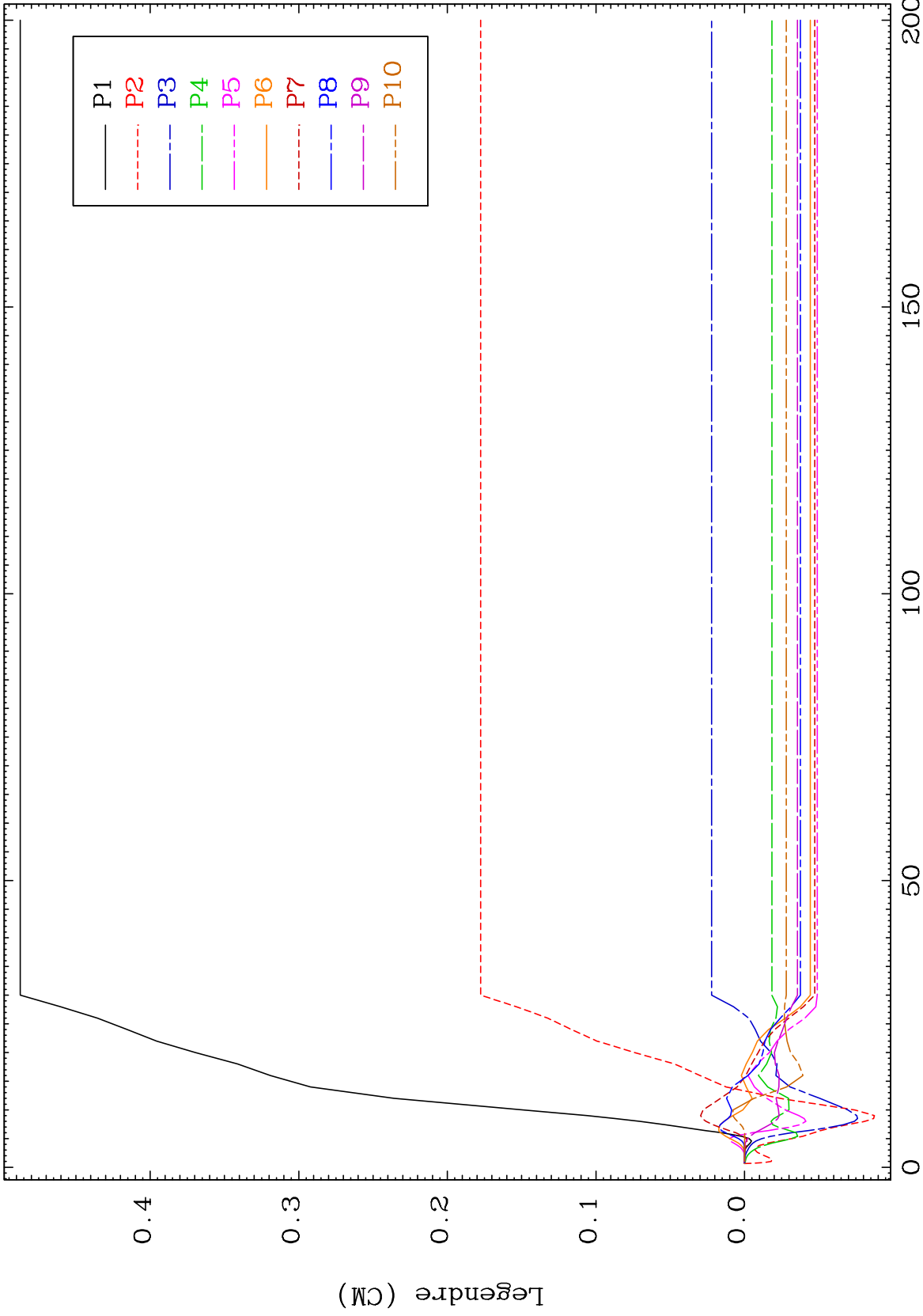
MAT 7646 MT= 79 (n,n') Level Legendre Coefficients 76-Os-191



MAT 7646

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

76-Os-191



128

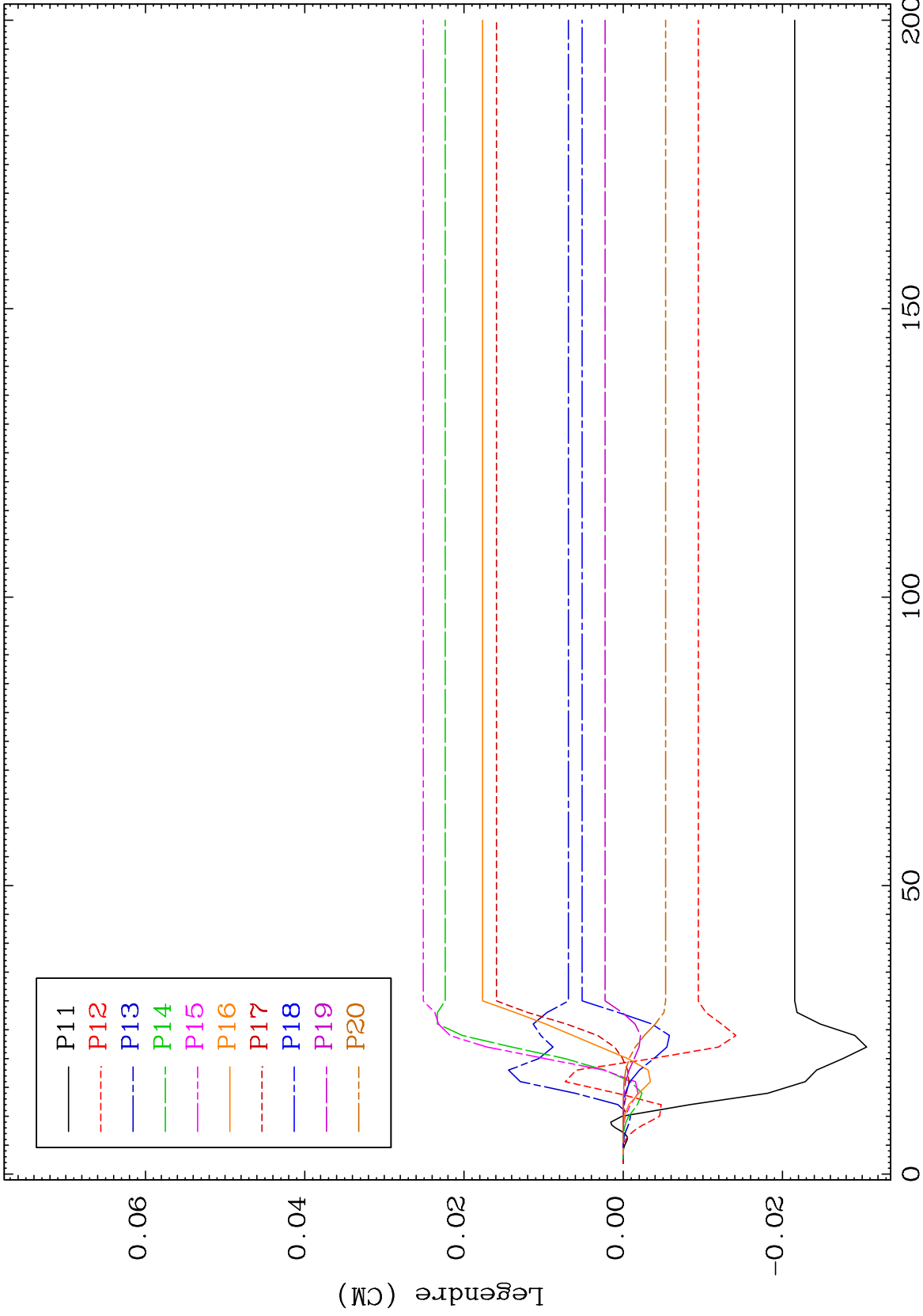
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191



129

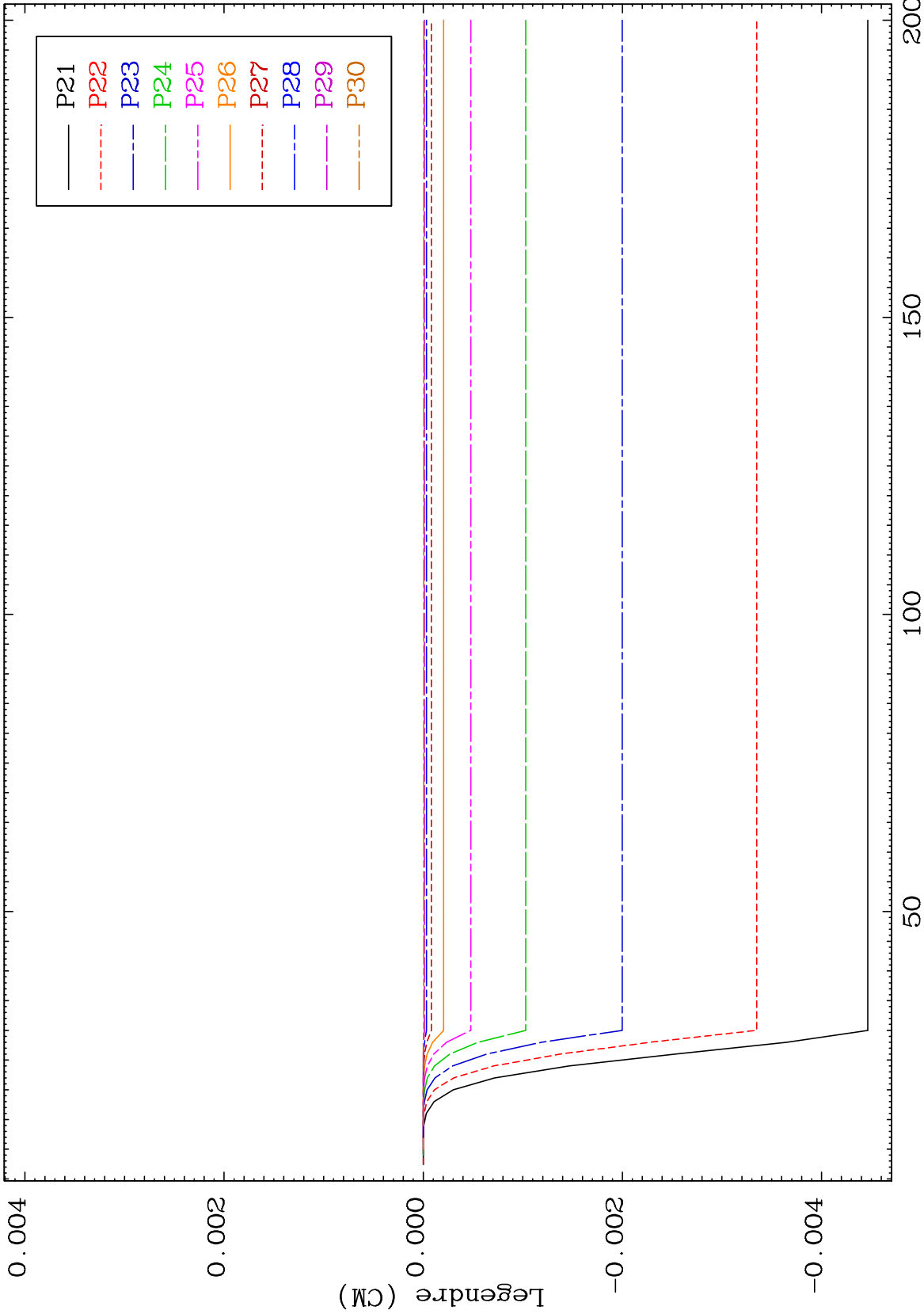
Incident Energy (MeV)

76-Os-191

MAT 7646

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

76-Os-191

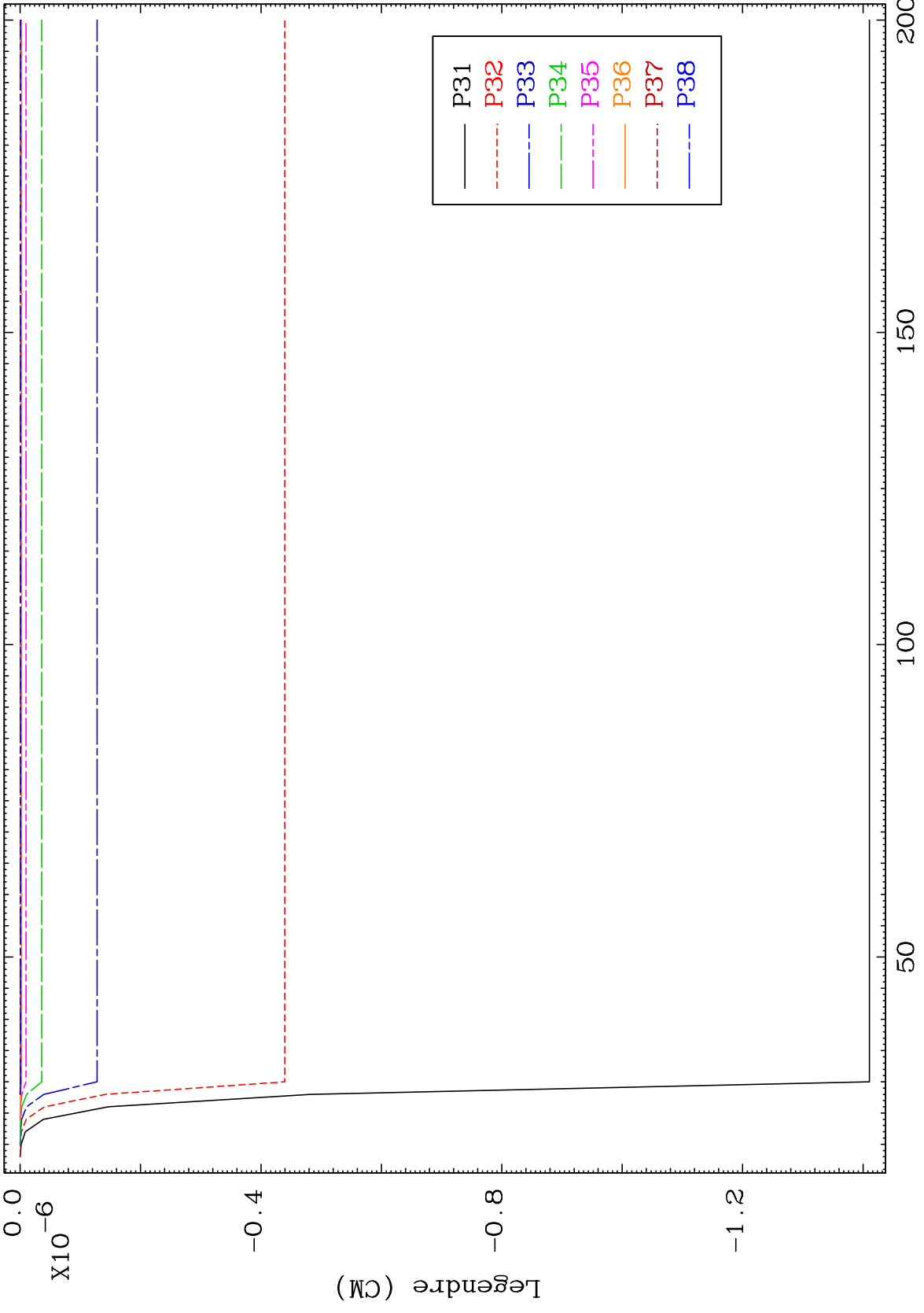


130

Incident Energy (MeV)

76-Os-191

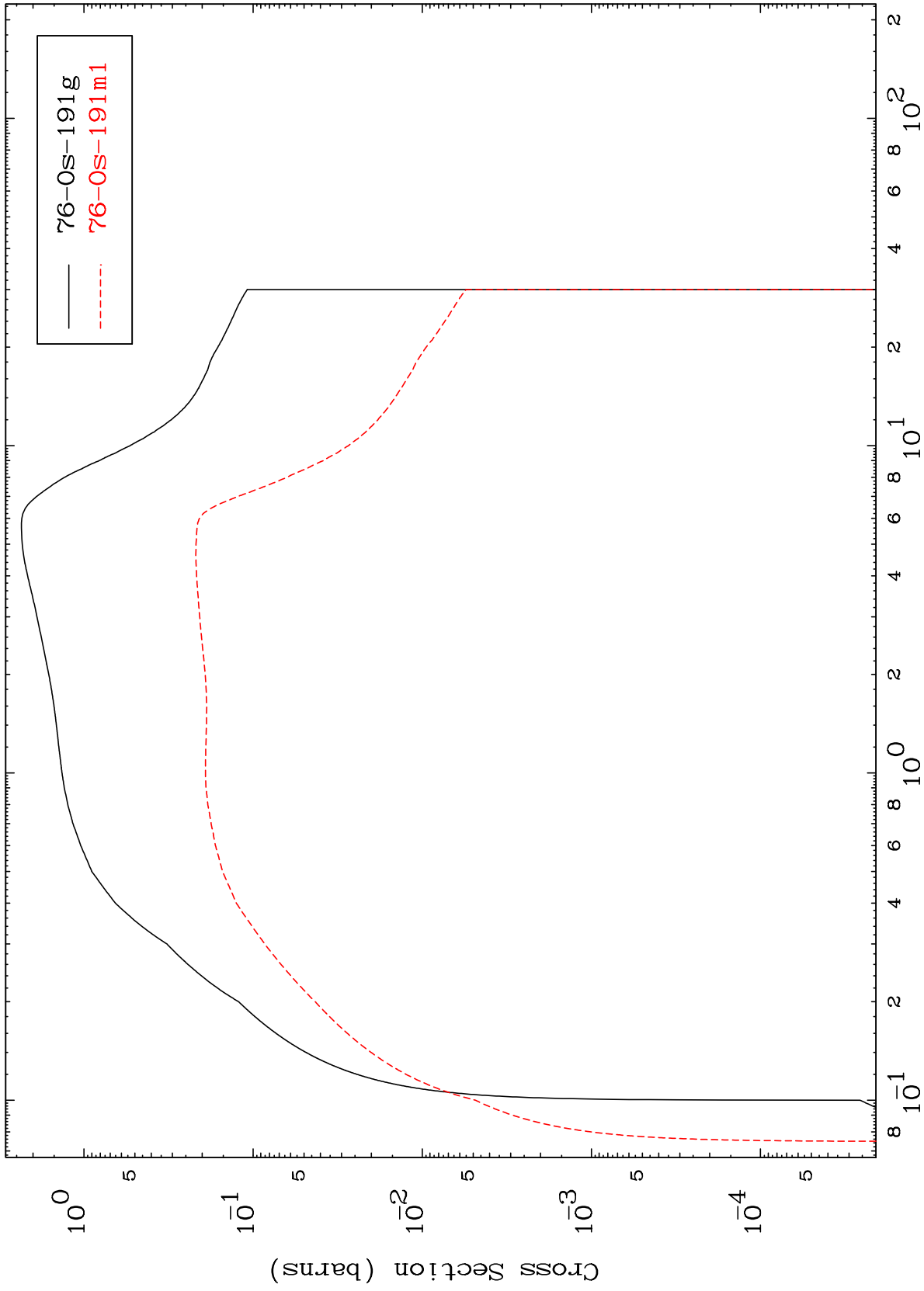
MAT 7646 MT= 80 (n,n') Level Legendre Coefficients 76-Os-191



MAT 7646

76-Os-191

Inelastic
Radionuclide Production Cross Section



132

Incident Energy (MeV)

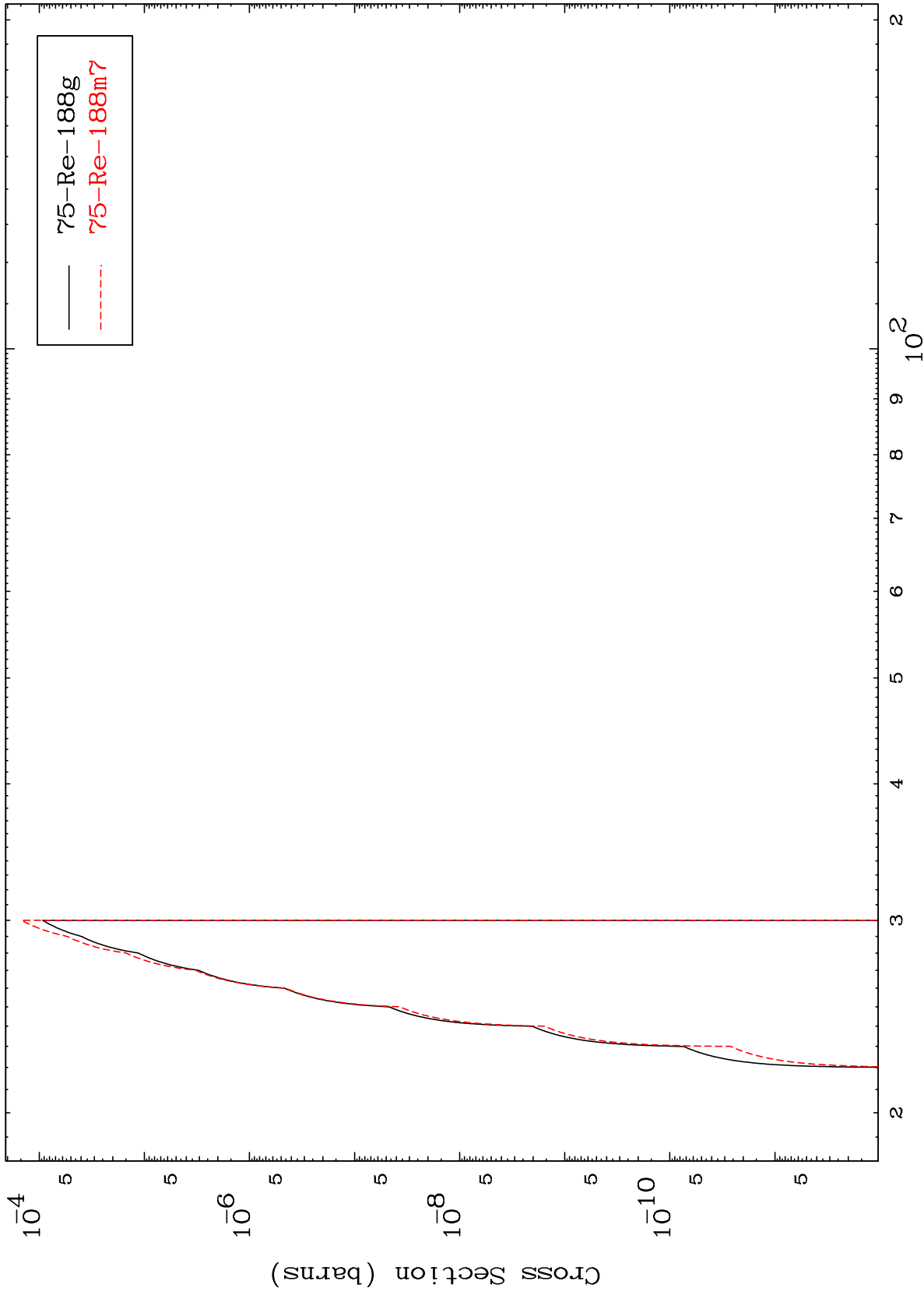
76-Os-191

MAT 7646

(n,2n) d

76-Os-191

Radionuclide Production Cross Section



133

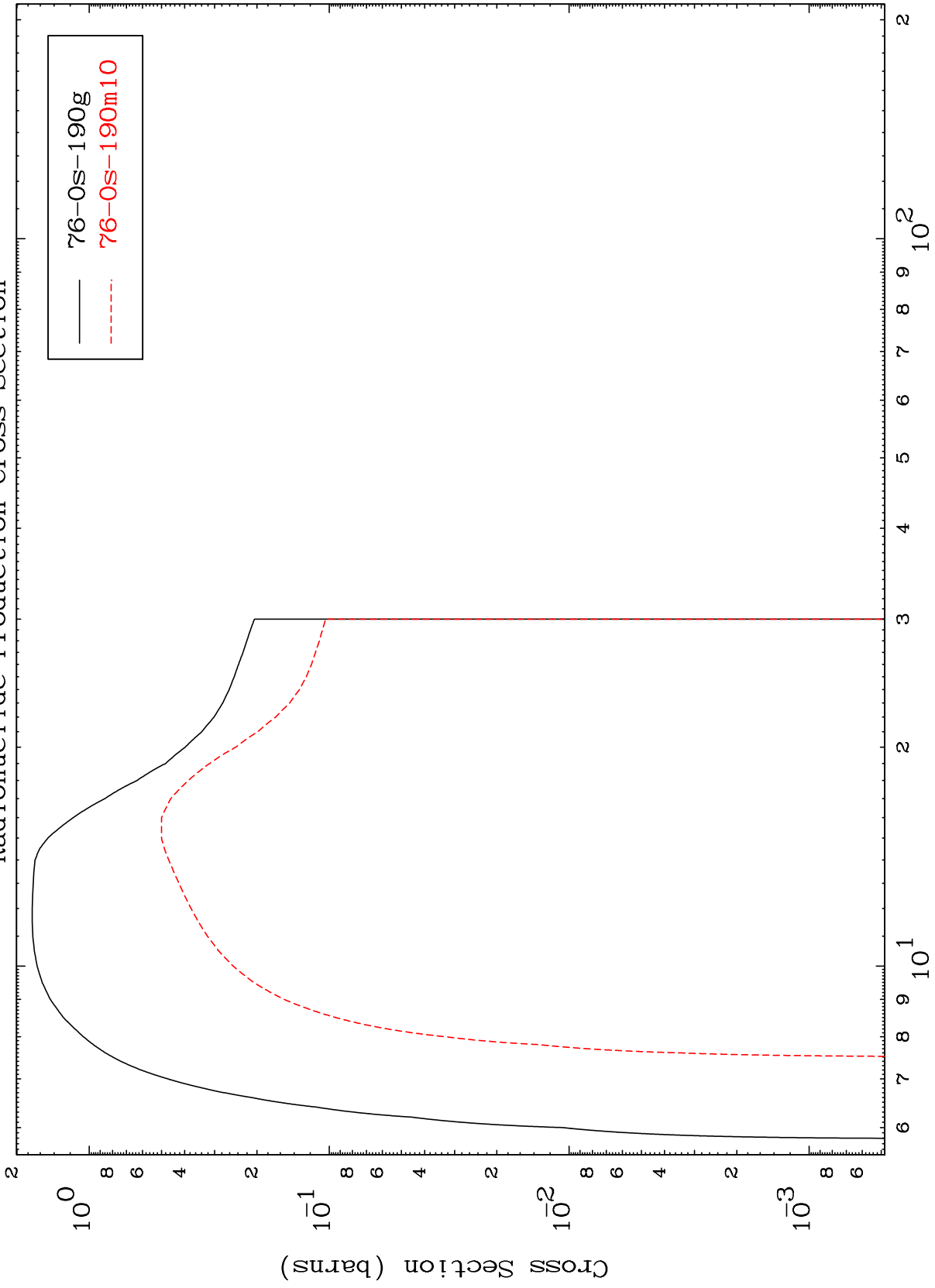
Incident Energy (MeV)

76-Os-191

MAT 7646

76-Os-191

(n,2n)
Radionuclide Production Cross Section



134

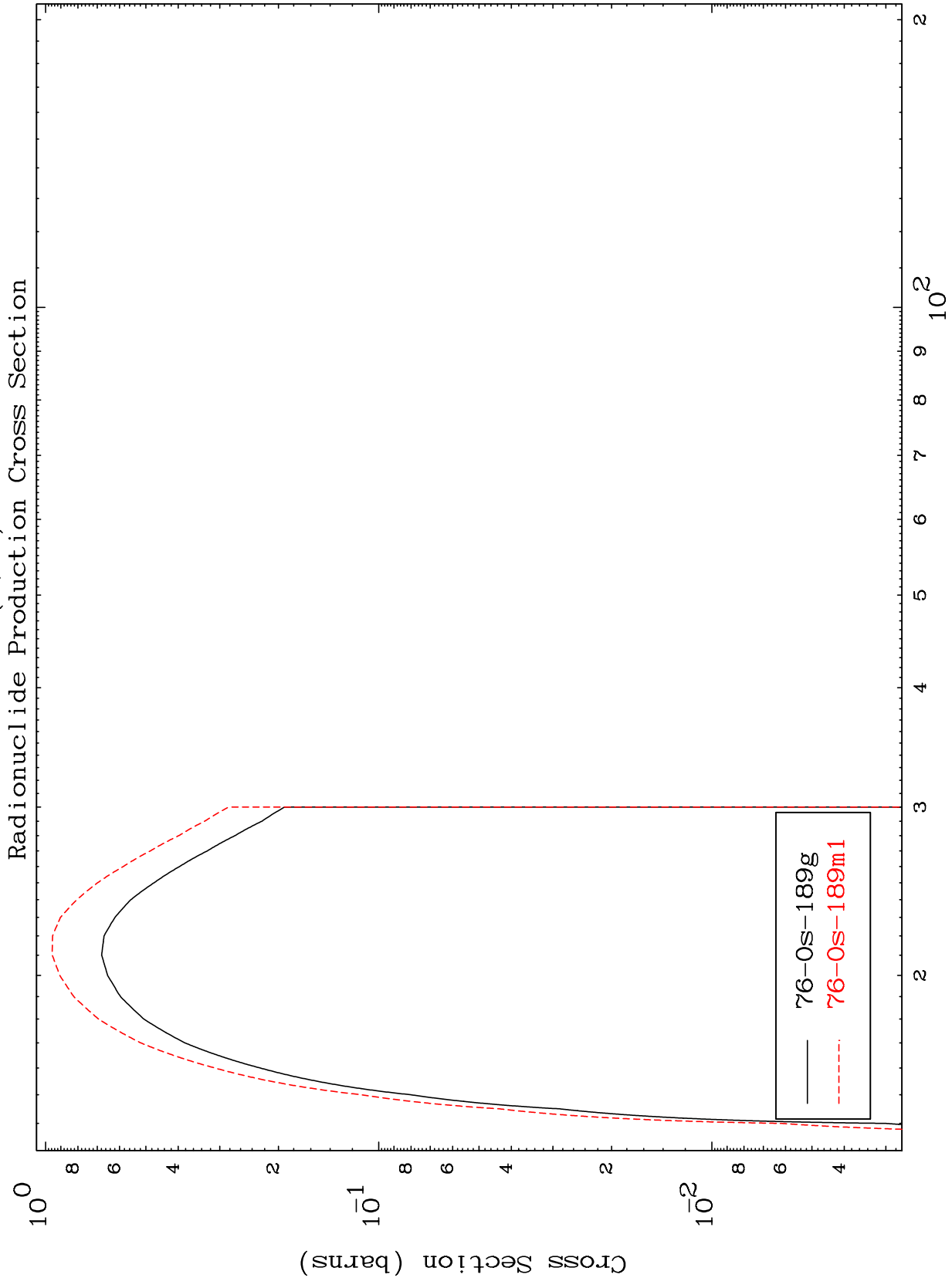
Incident Energy (MeV)

76-Os-191

MAT 7646

(n,3n)

76-Os-191



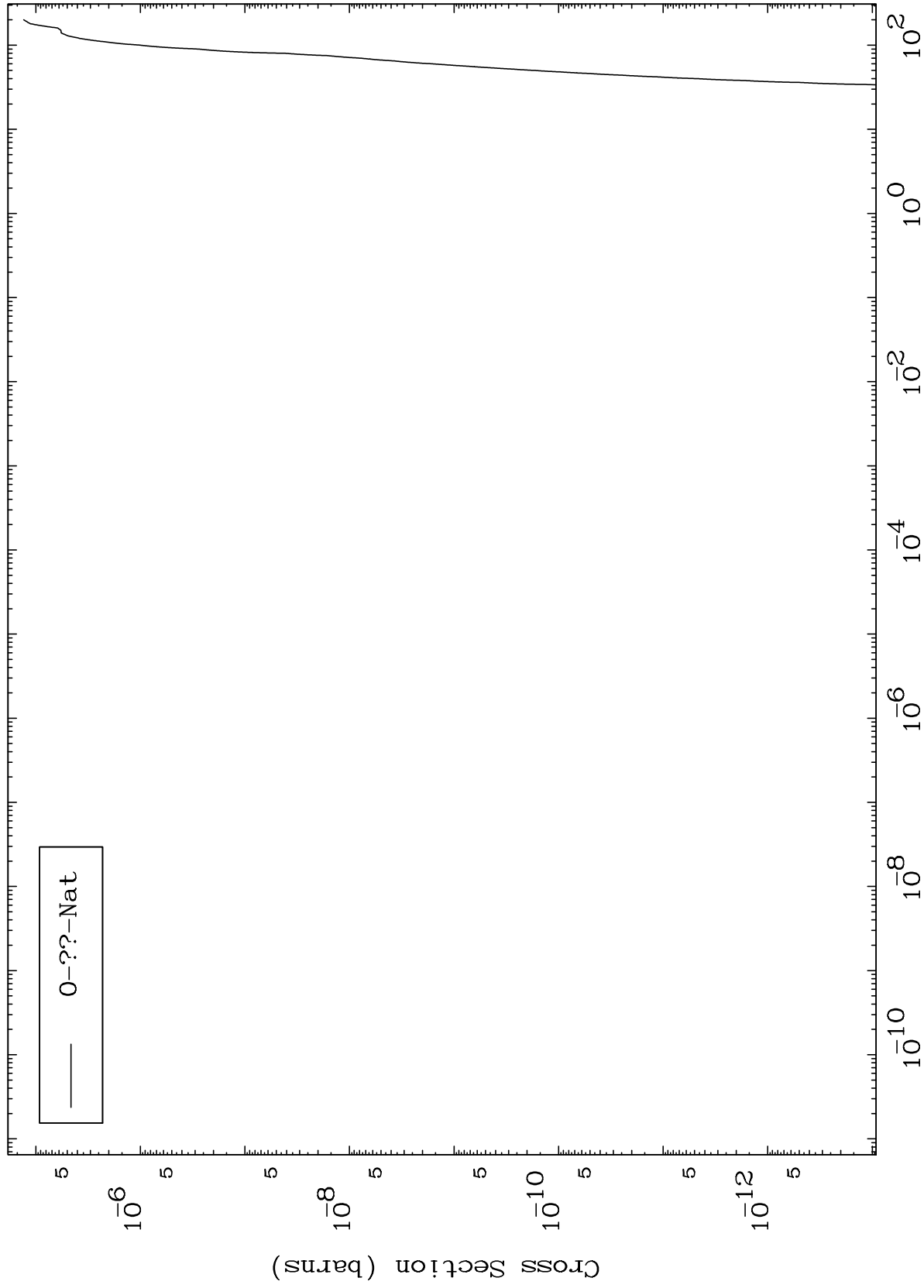
135

76-Os-191

MAT 7646

Fission
Radionuclide Production Cross Section

76-Os-191



136

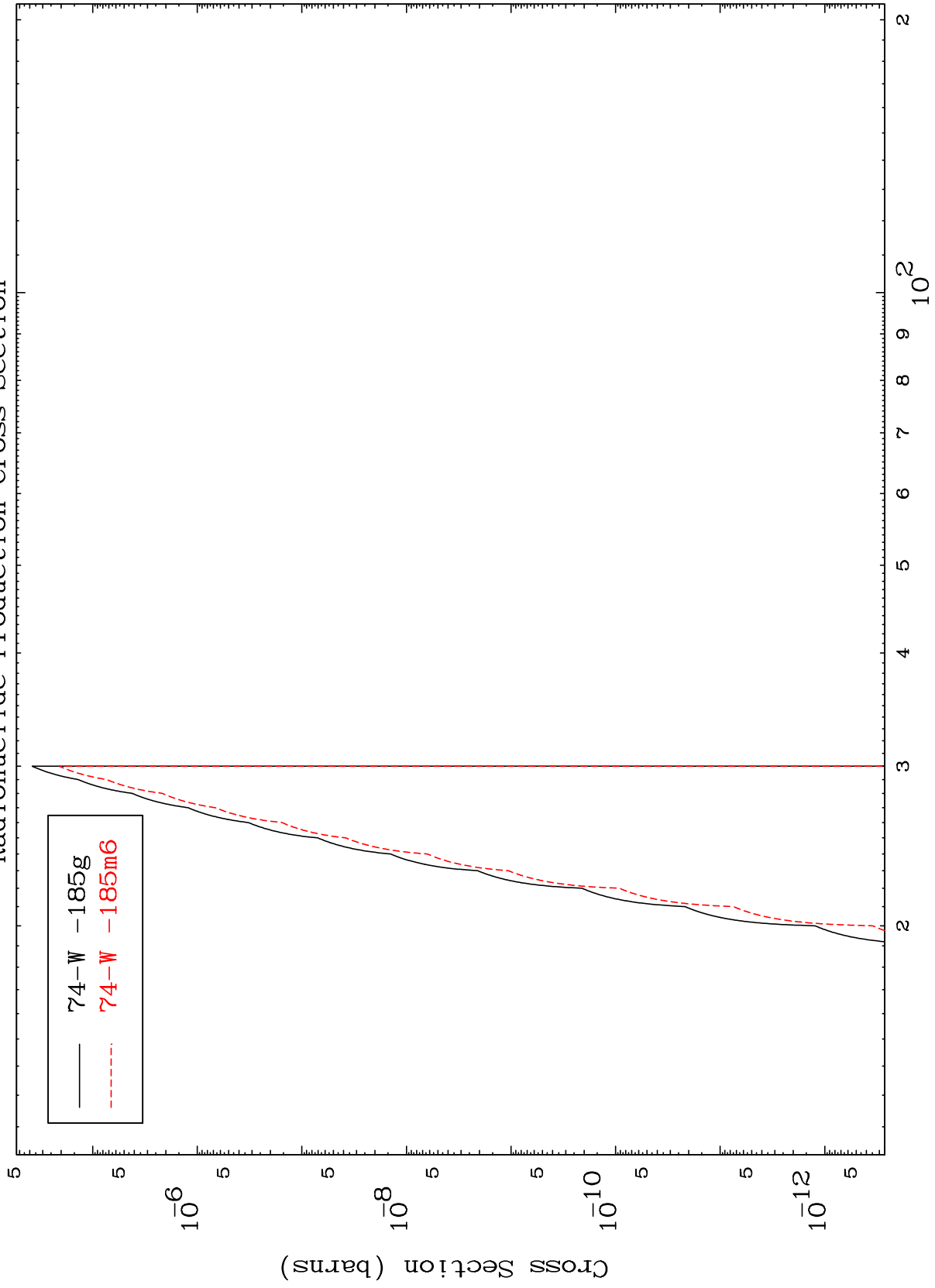
76-Os-191

MAT 7646

(n,3n) α

76-Os-191

Radionuclide Production Cross Section



137

Incident Energy (MeV)

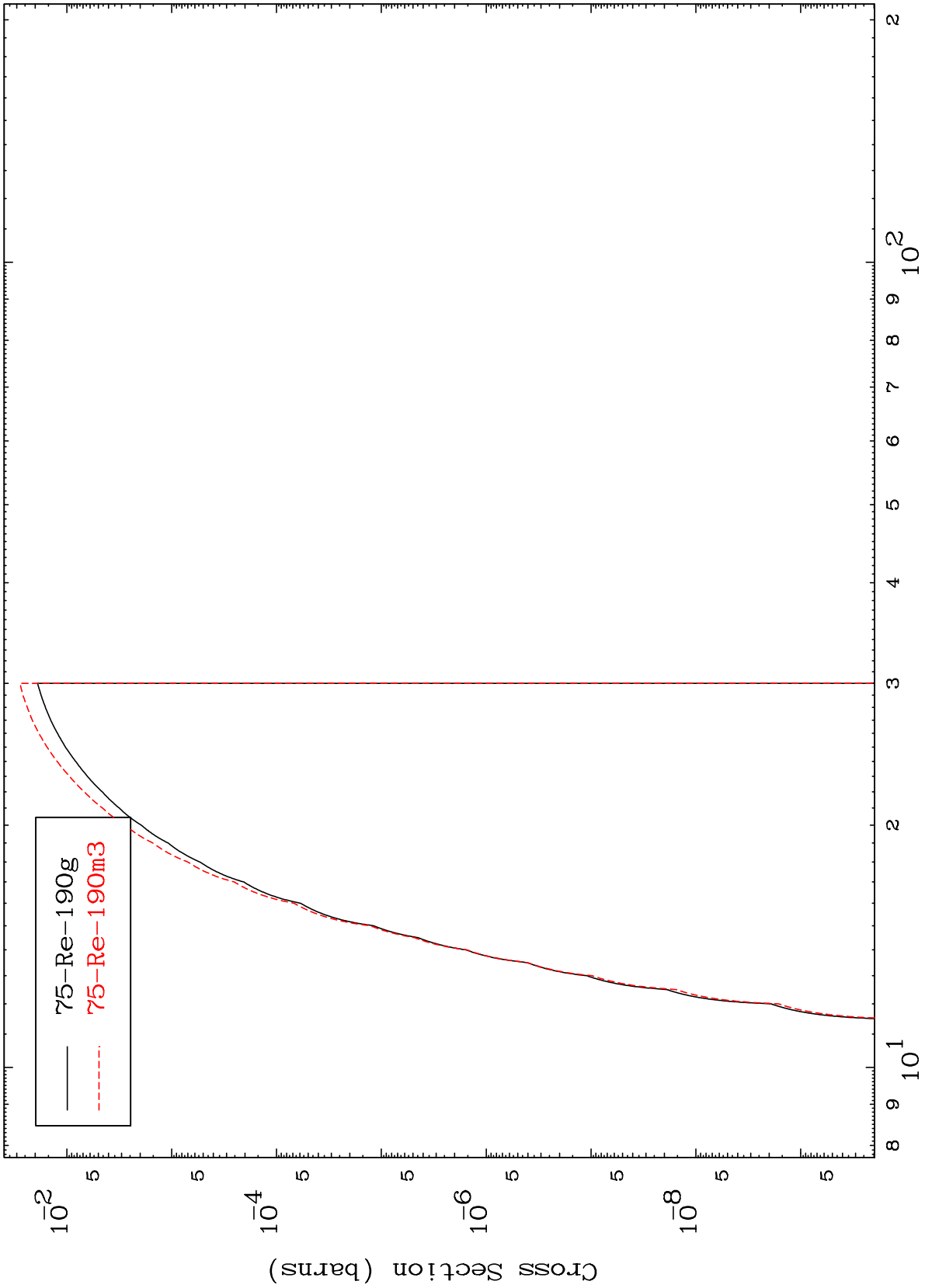
76-Os-191

MAT 7646

(n,n') p

76-Os-191

Radionuclide Production Cross Section



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

138

Incident Energy (MeV)

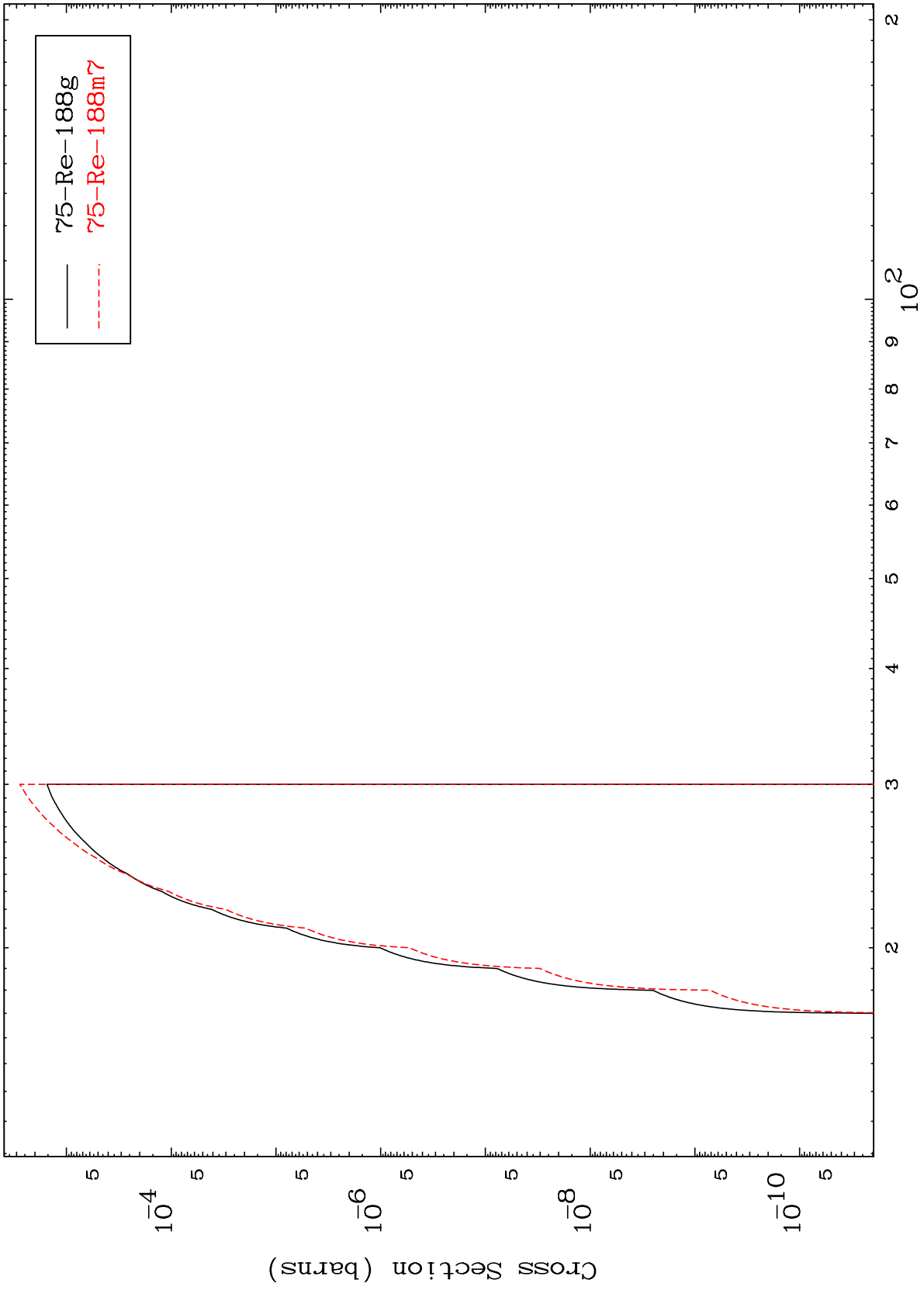
76-Os-191

MAT 7646

(n,n') t

76-Os-191

Radionuclide Production Cross Section



139

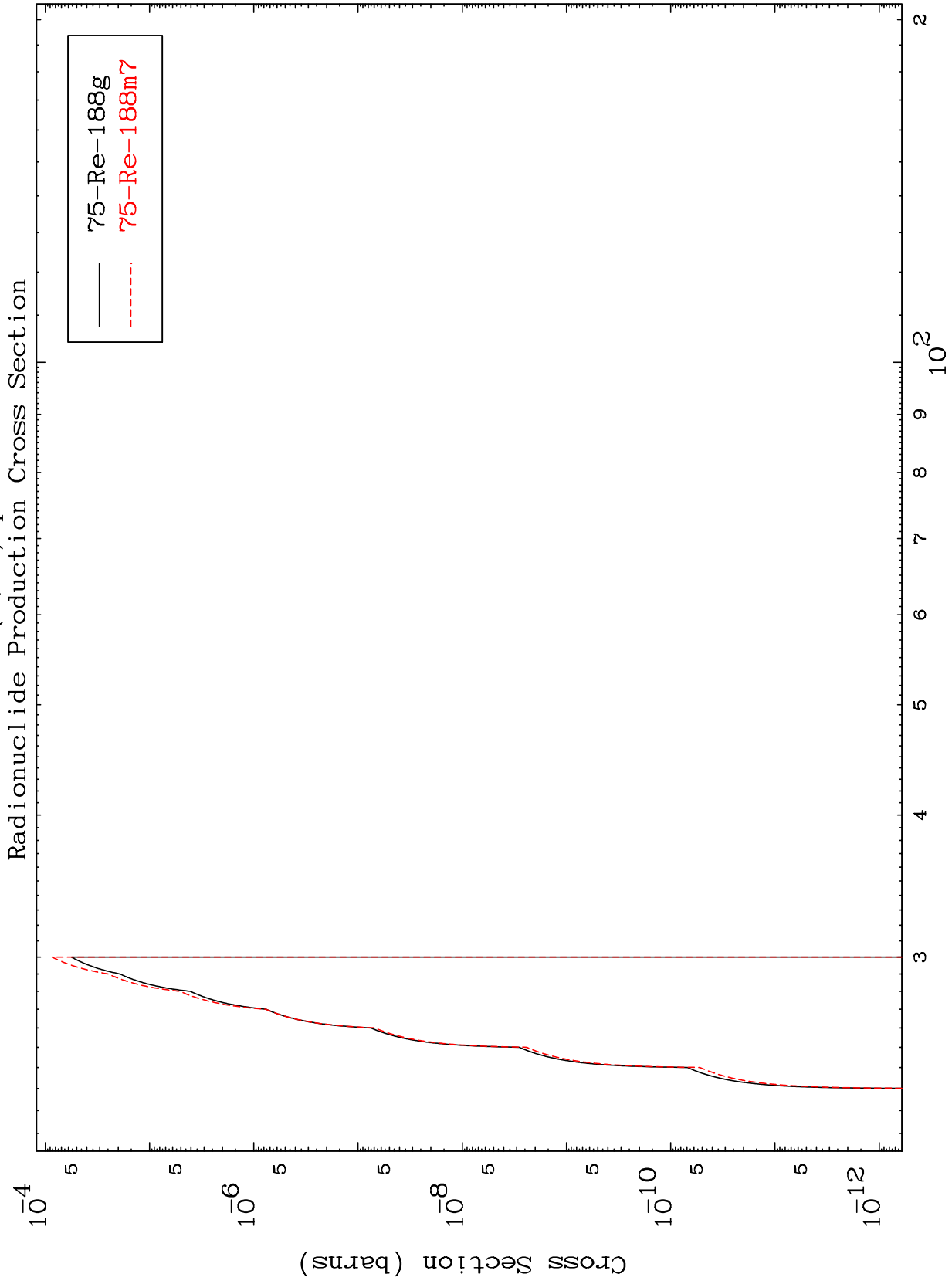
Incident Energy (MeV)

76-Os-191

MAT 7646

(n,3n) p

76-Os-191



140

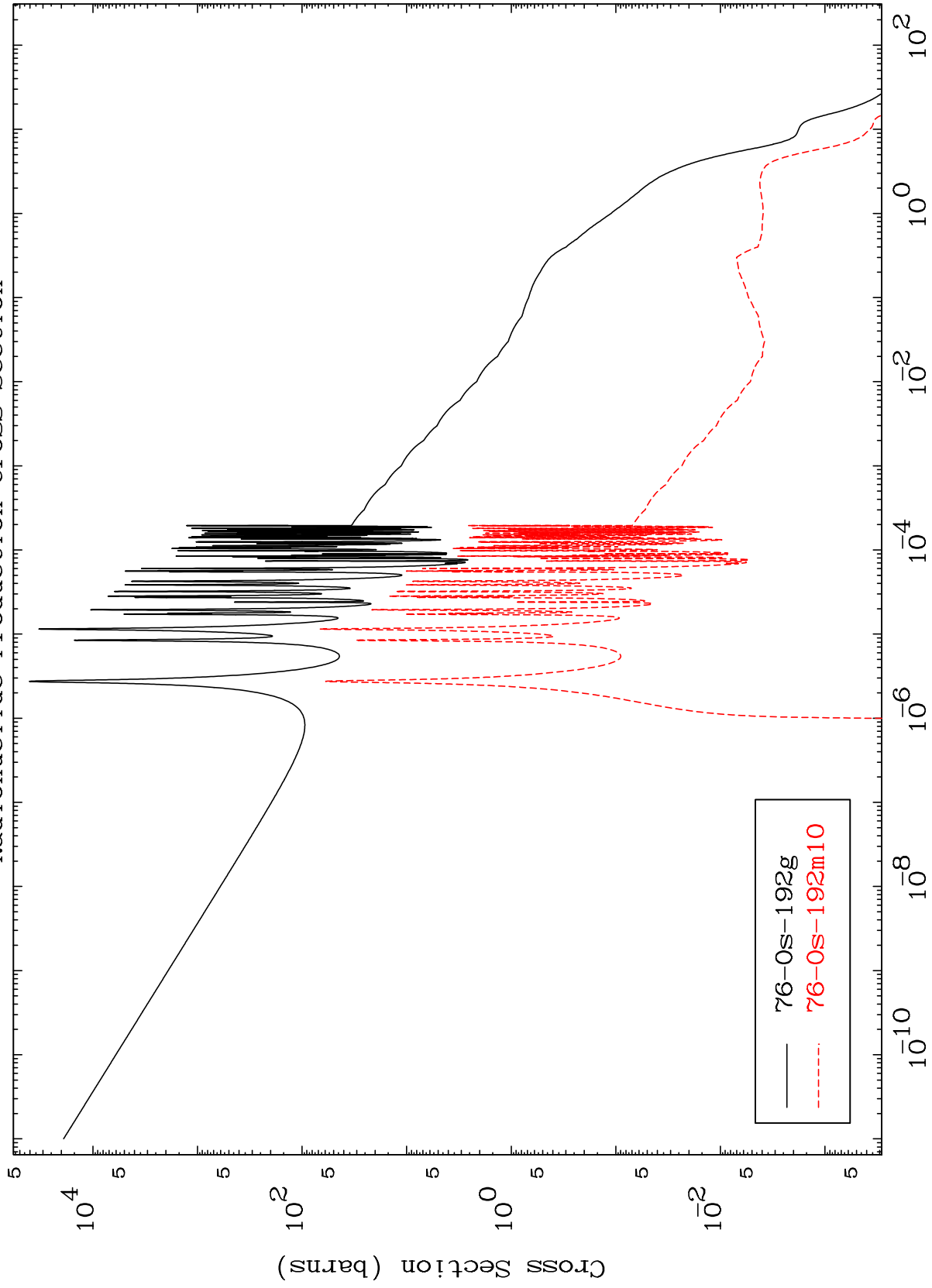
Incident Energy (MeV)

76-Os-191

MAT 7646

76-Os-191

(n, γ)
Radionuclide Production Cross Section



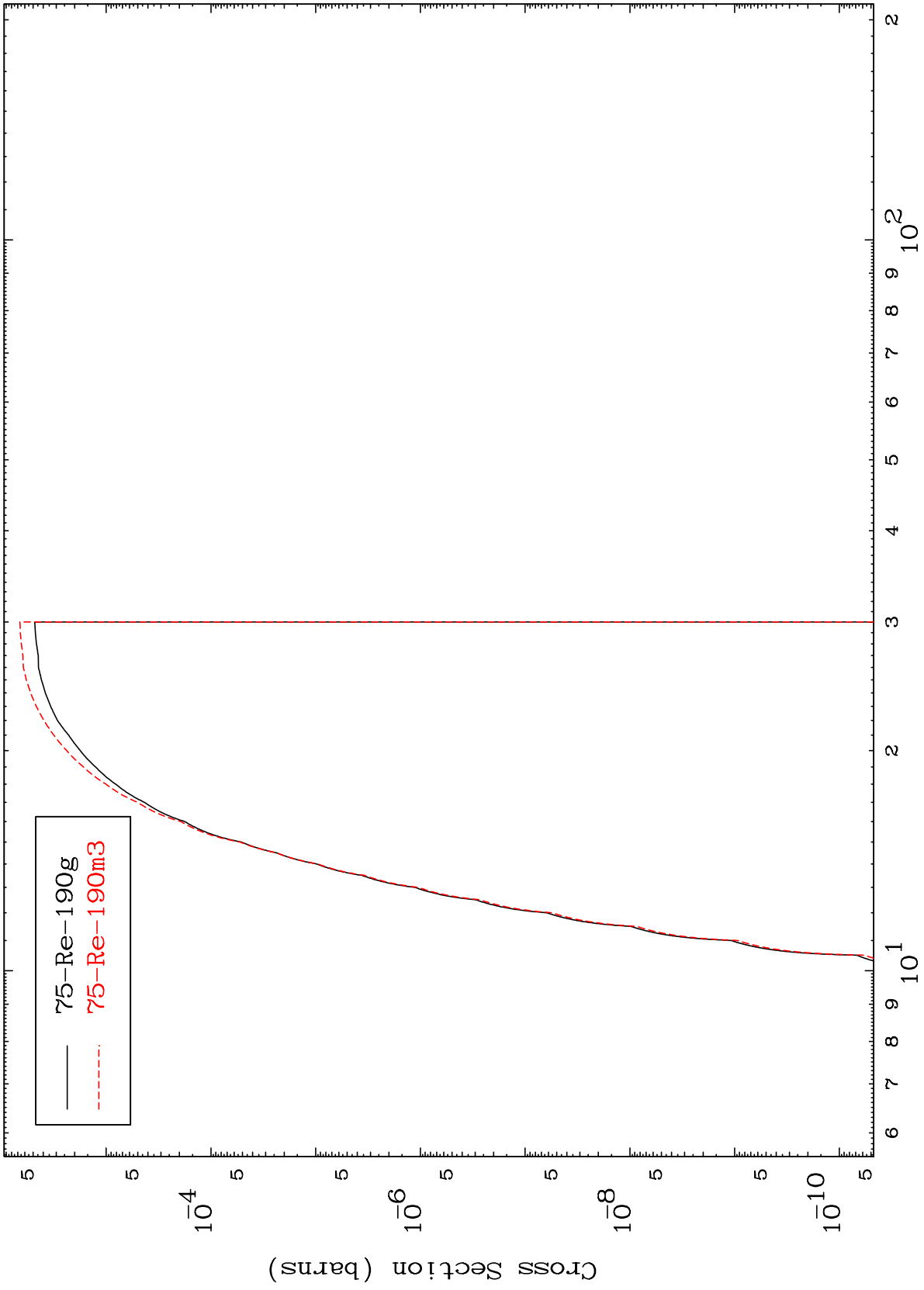
141

76-Os-191

MAT 7646

76-Os-191

(n,d)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

76-Os-191