

Program EVALPLOT  
(Version 2018-1)

by

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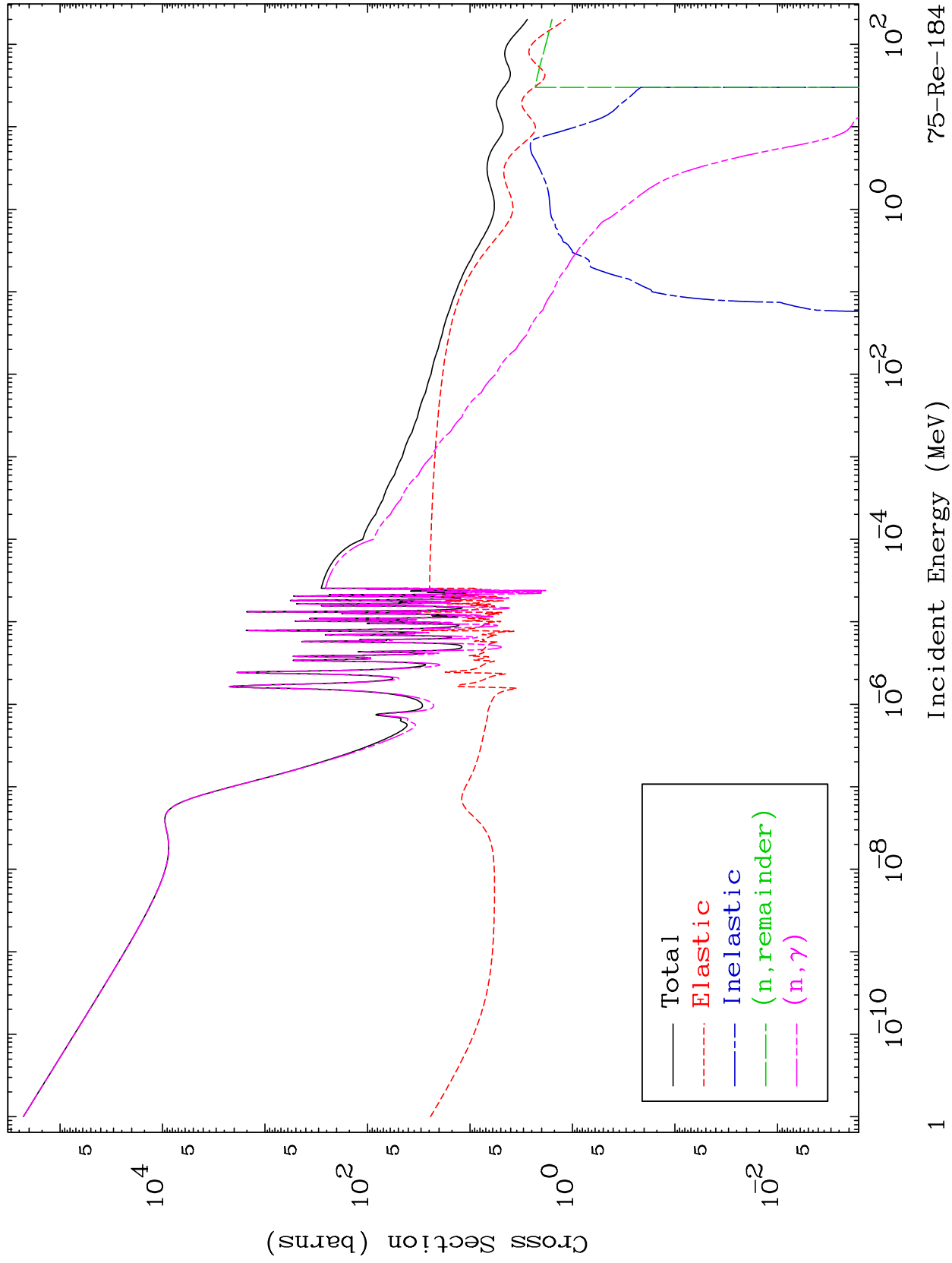
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7522

Major  
293 Kelvin Cross Sections

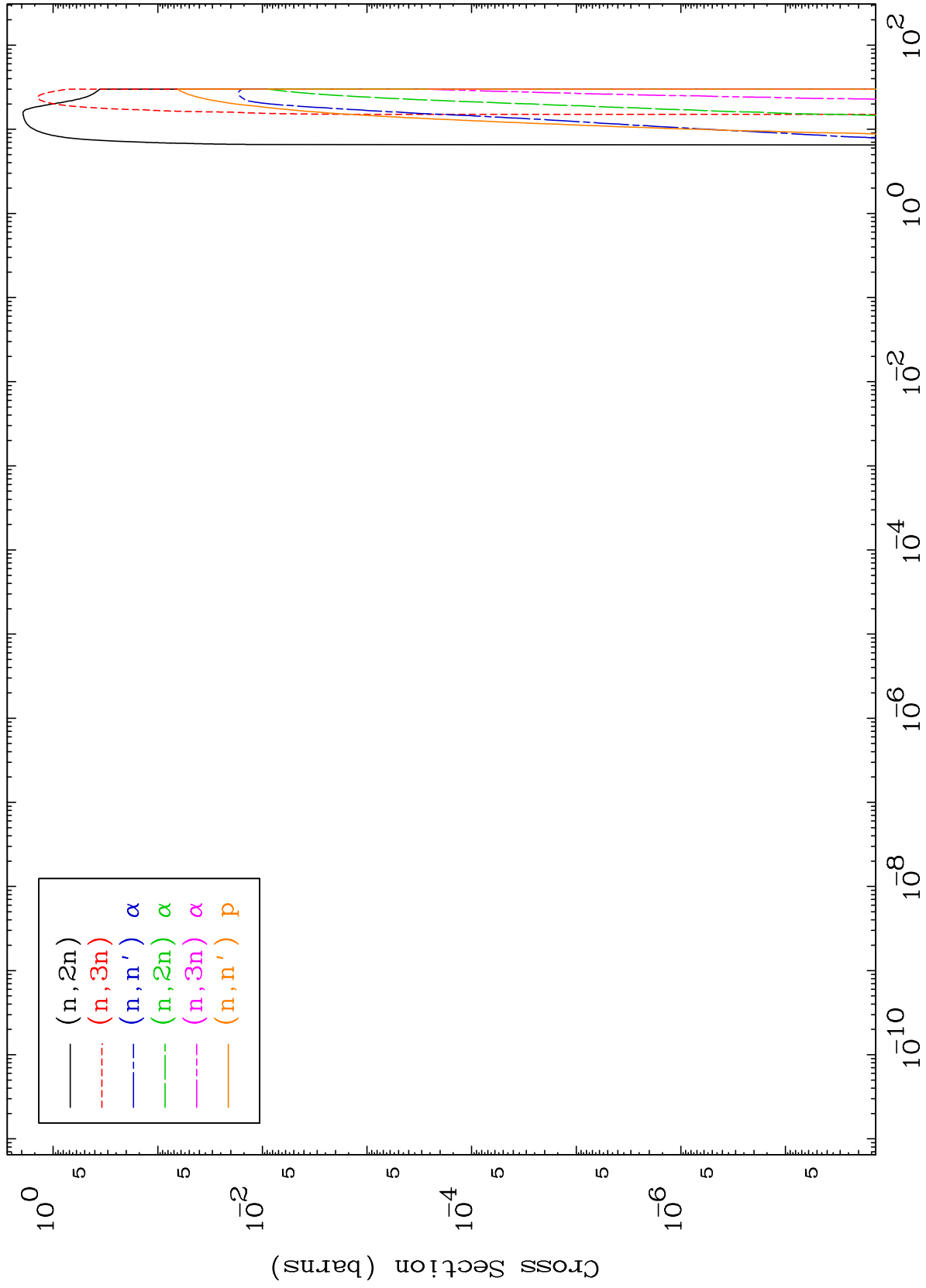
75-Re-184



MAT 7522

Neutron Production  
293 Kelvin Cross Sections

75-Re-184

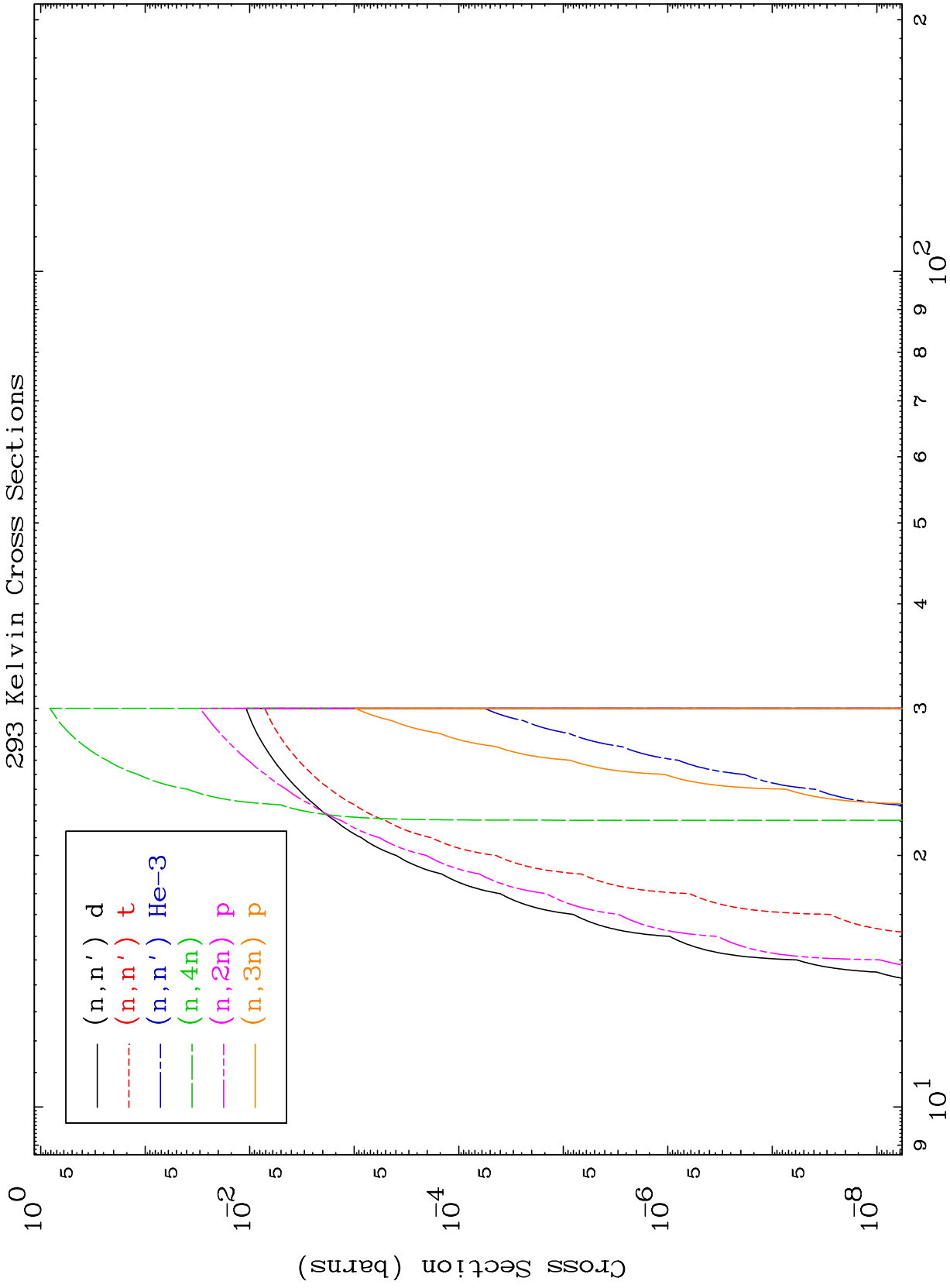


75-Re-184

MAT 7522

Neutron Production  
293 Kelvin Cross Sections

75-Re-184



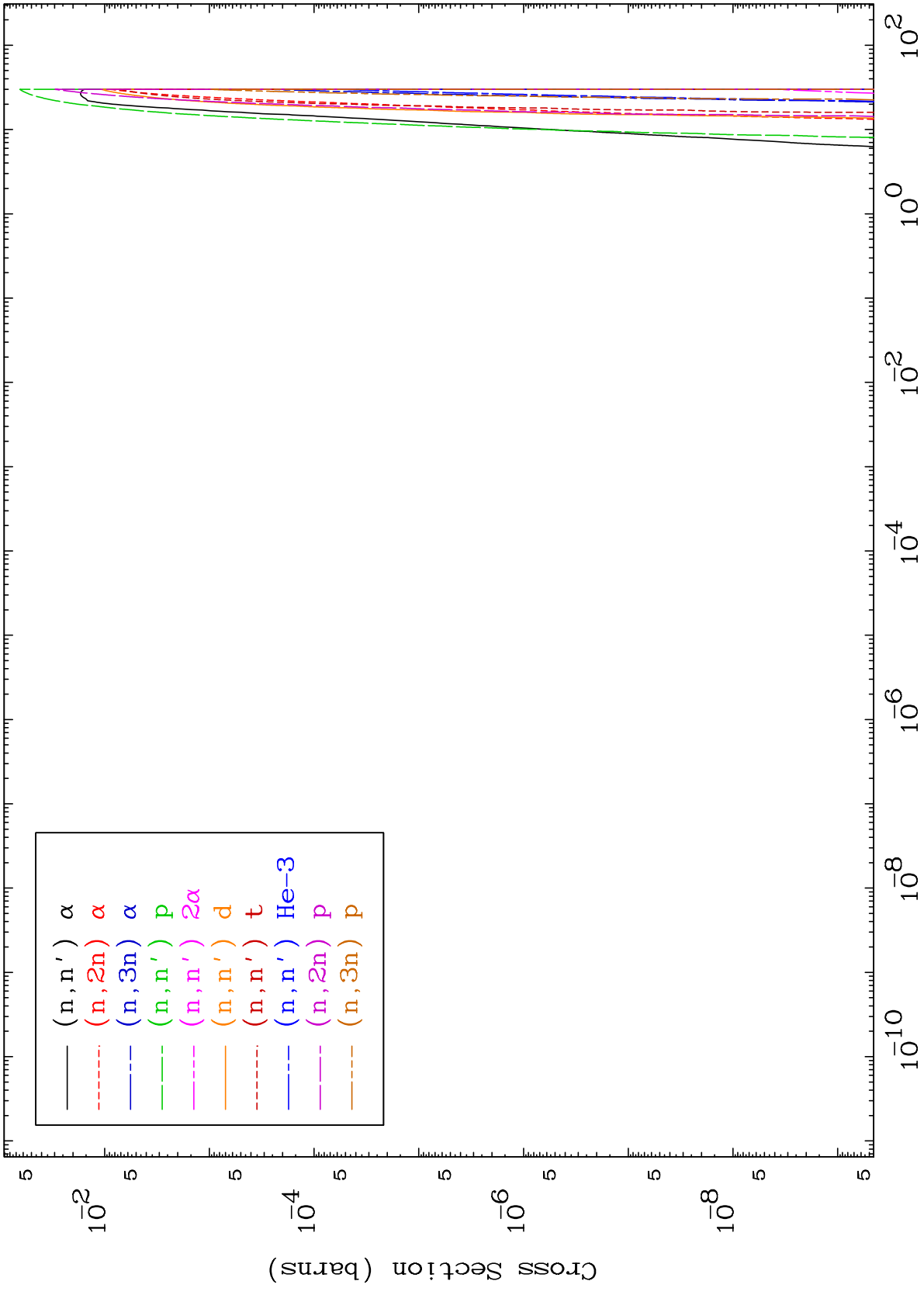
Incident Energy (MeV)

75-Re-184

MAT 7522

Charged Particle  
293 Kelvin Cross Sections

75-Re-184

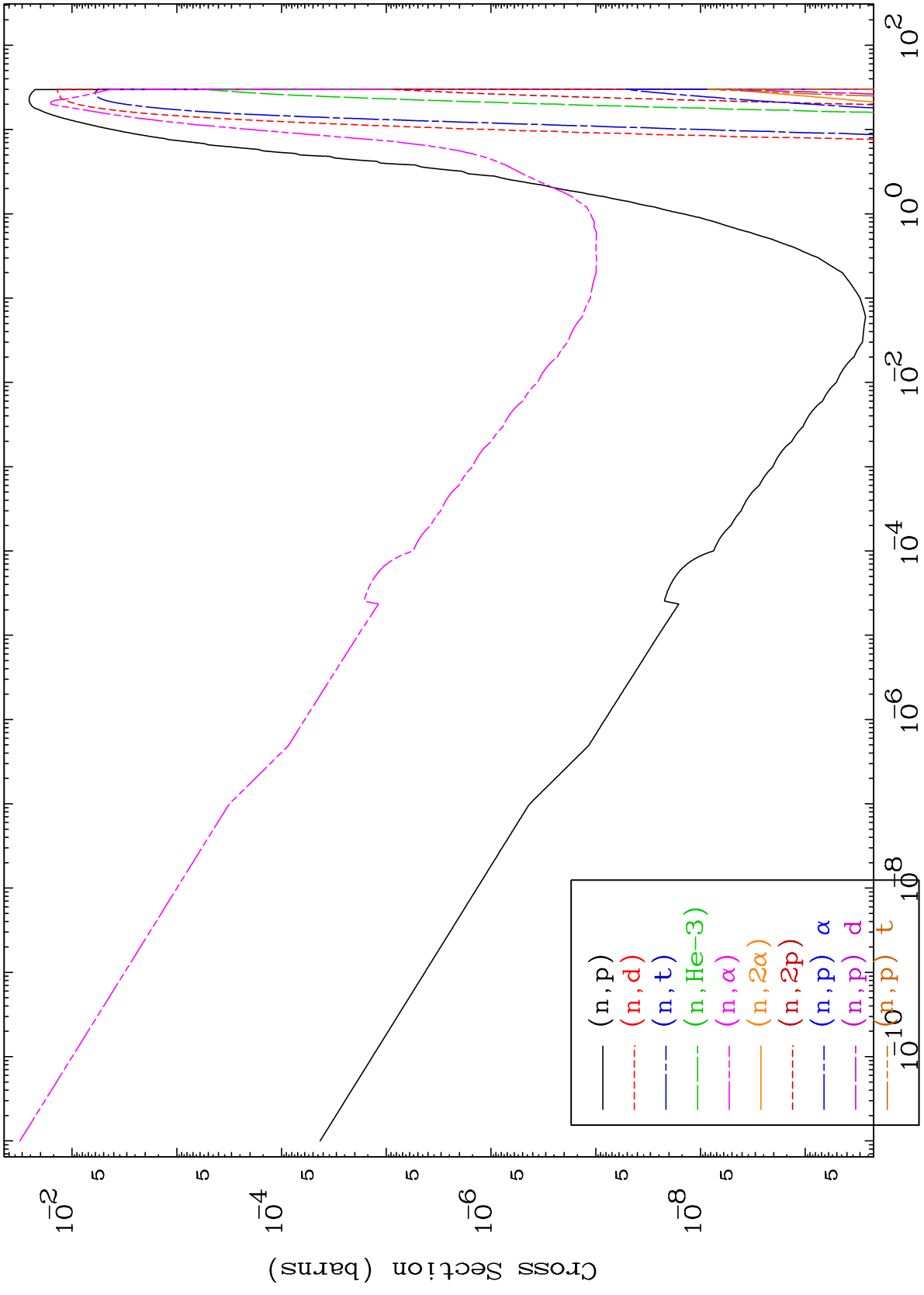


75-Re-184

MAT 7522

293 Kelvin Cross Sections

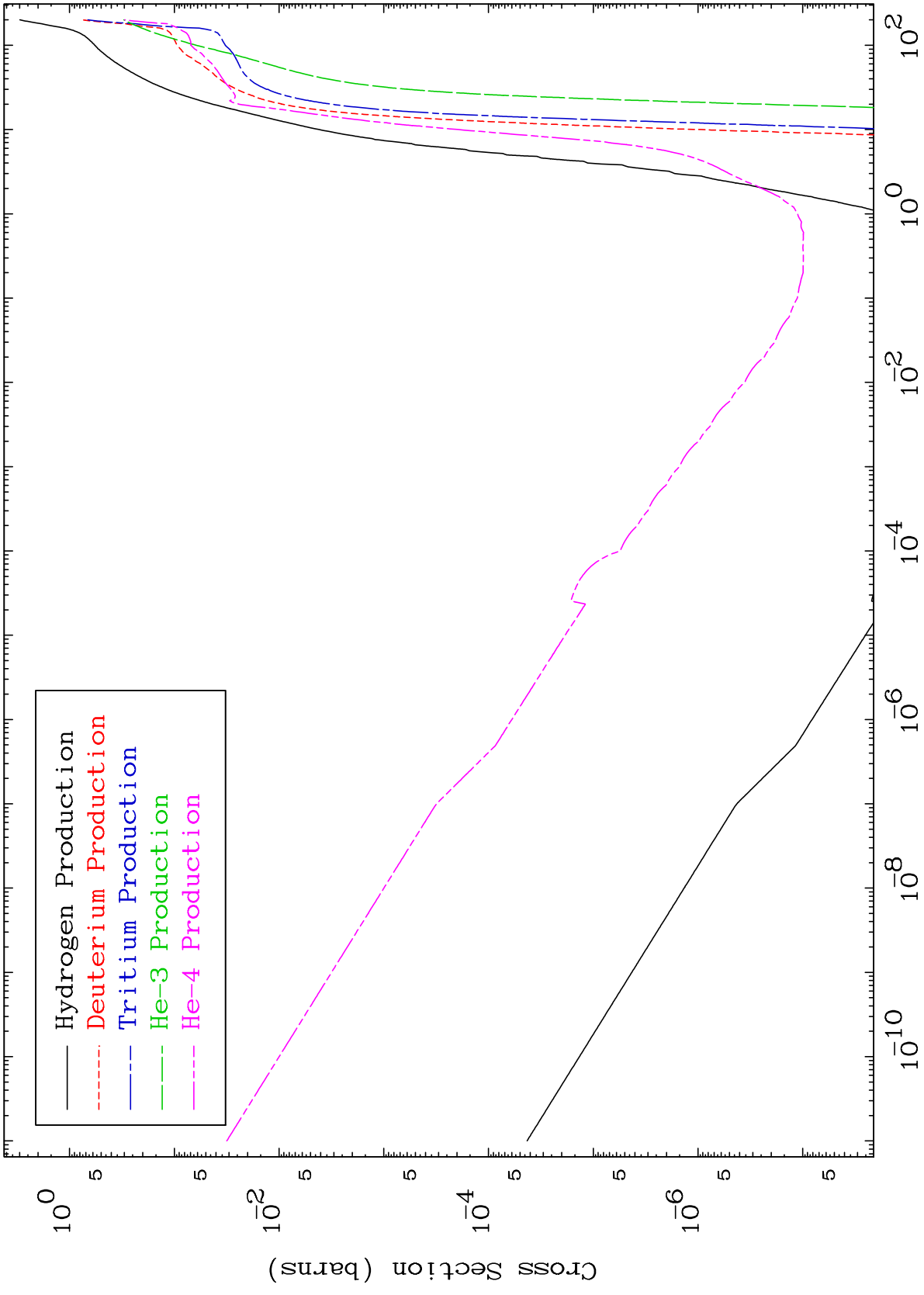
75-Re-184



MAT 7522

Particle Production  
293 Kelvin Cross Sections

75-Re-184



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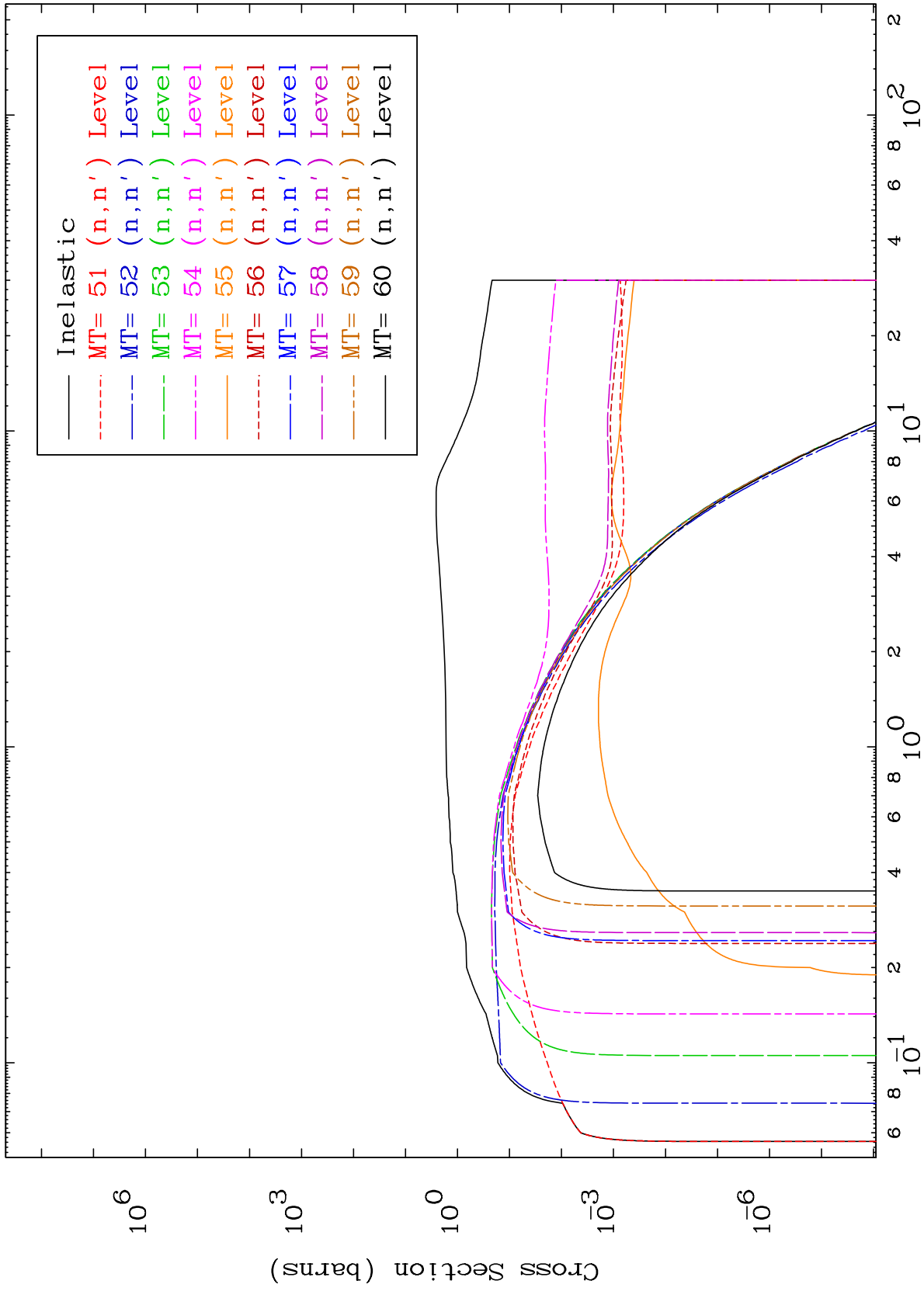
75-Re-184

MAT 7522

(n,n') Level

293 Kelvin Cross Sections

75-Re-184



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Incident Energy (MeV)

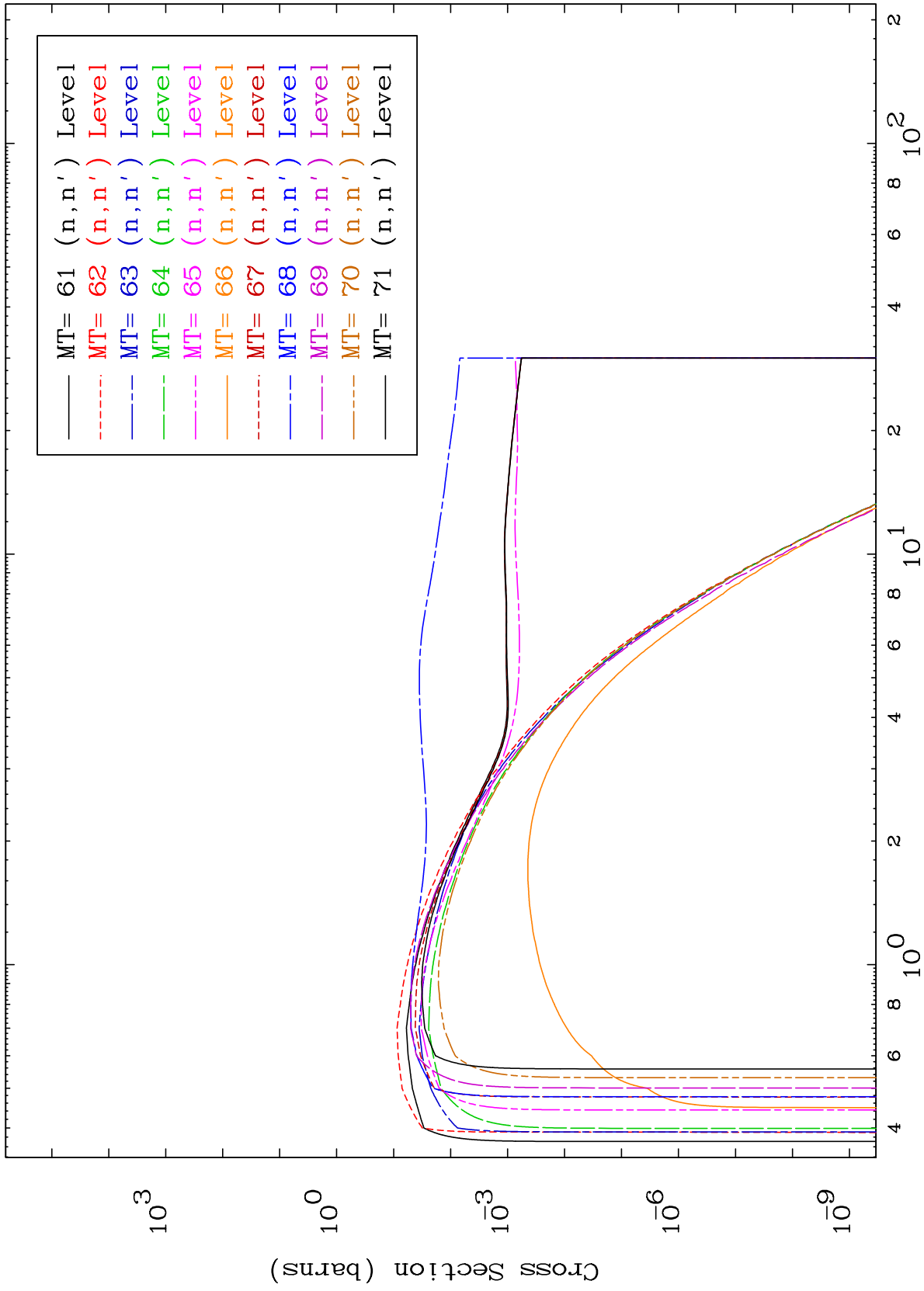
75-Re-184



MAT 7522

(n,n') Level  
293 Kelvin Cross Sections

75-Re-184



8

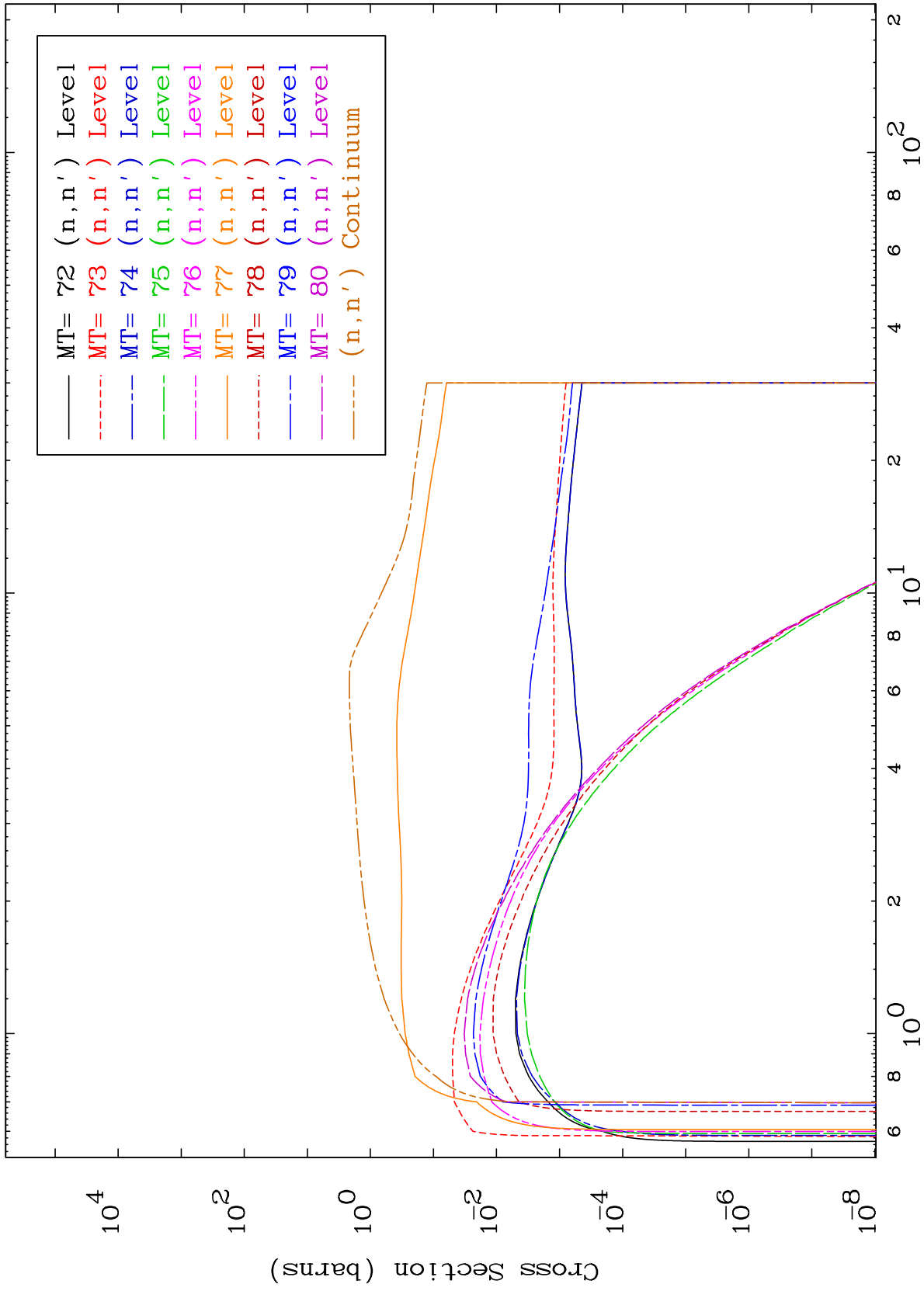
Incident Energy (MeV)

75-Re-184

MAT 7522

(n,n') Level  
293 Kelvin Cross Sections

75-Re-184



9

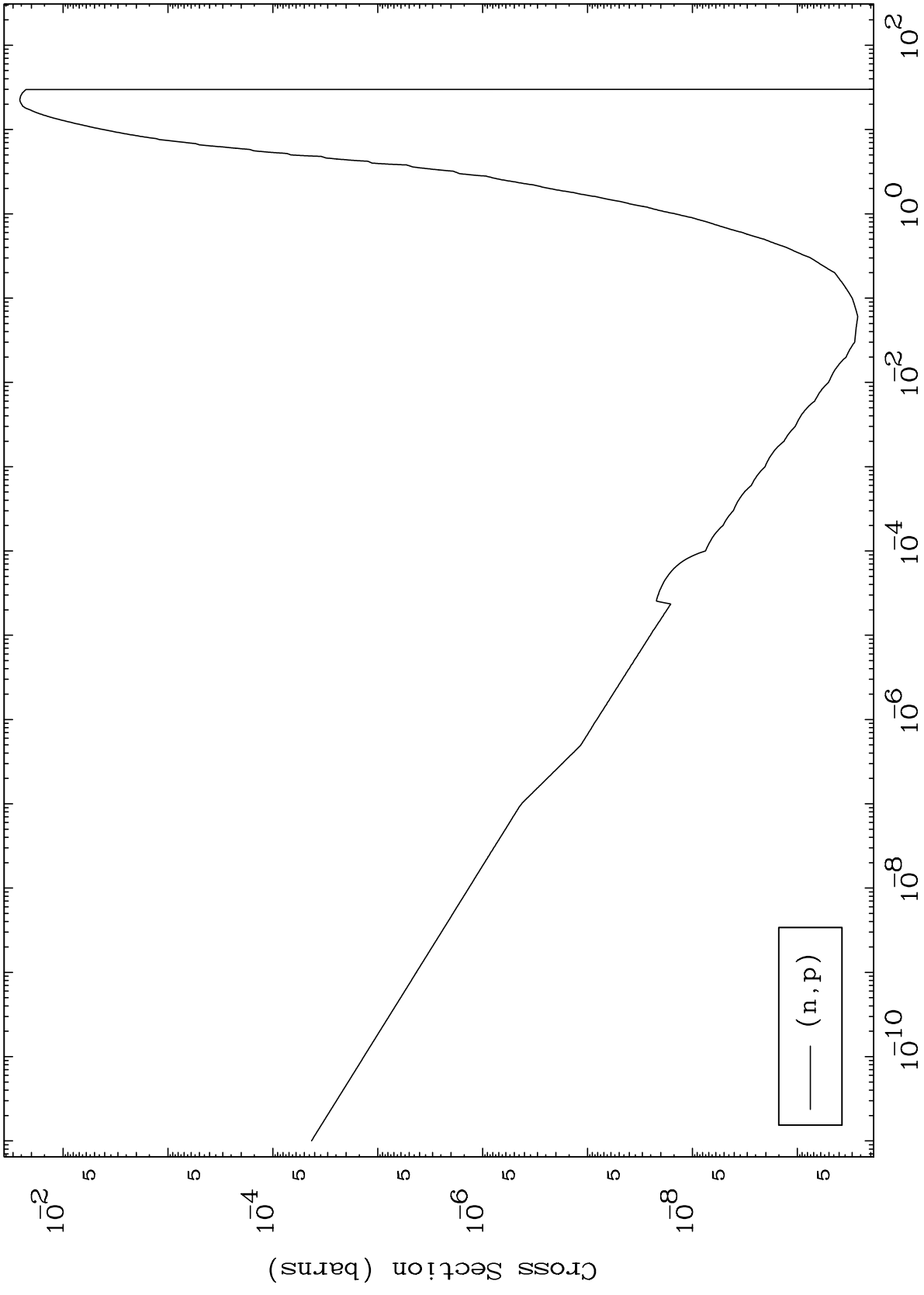
Incident Energy (MeV)

75-Re-184

MAT 7522

(n,p) Levels  
293 Kelvin Cross Sections

75-Re-184



10

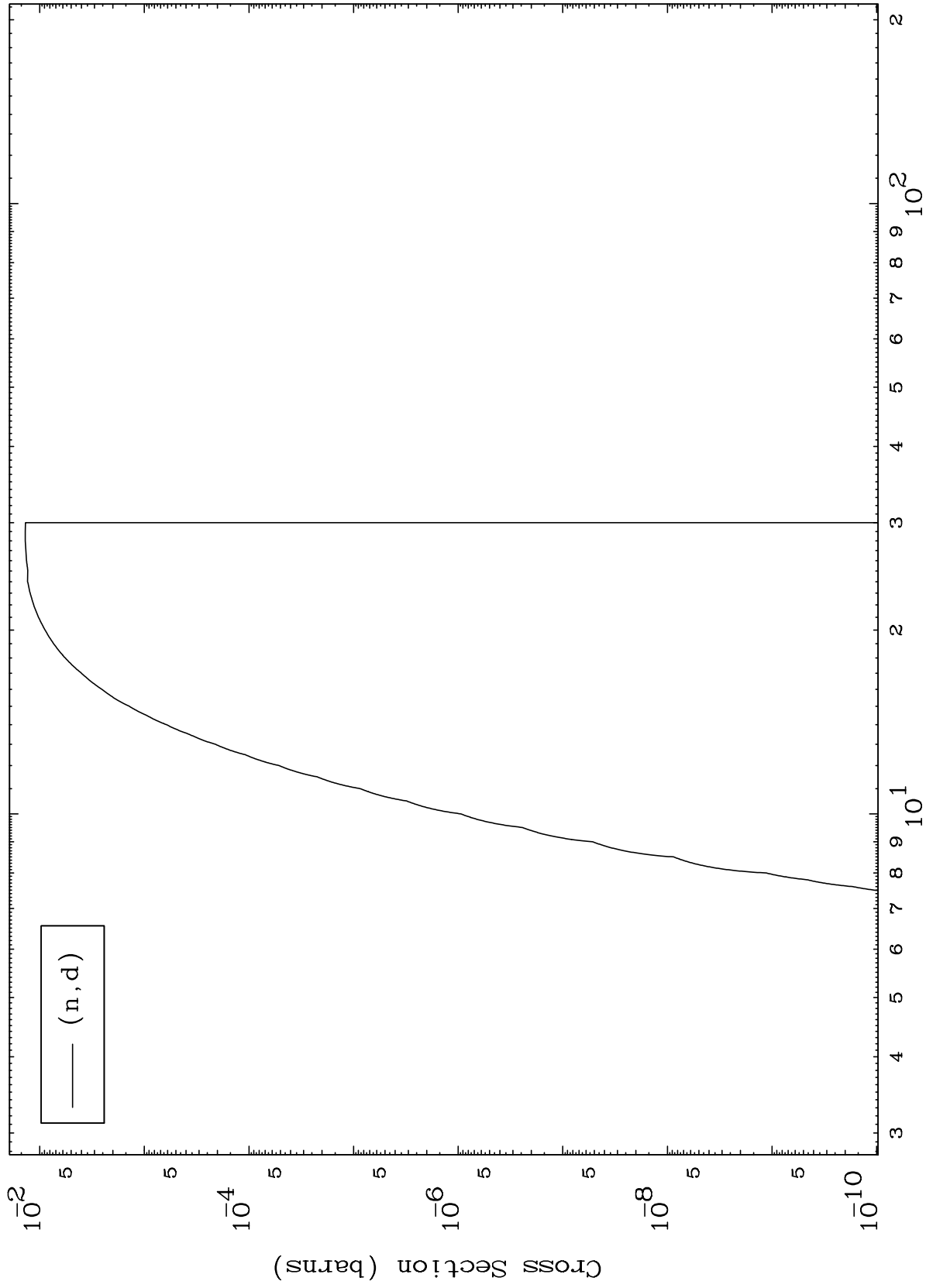
Incident Energy (MeV)

75-Re-184

MAT 7522

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-184

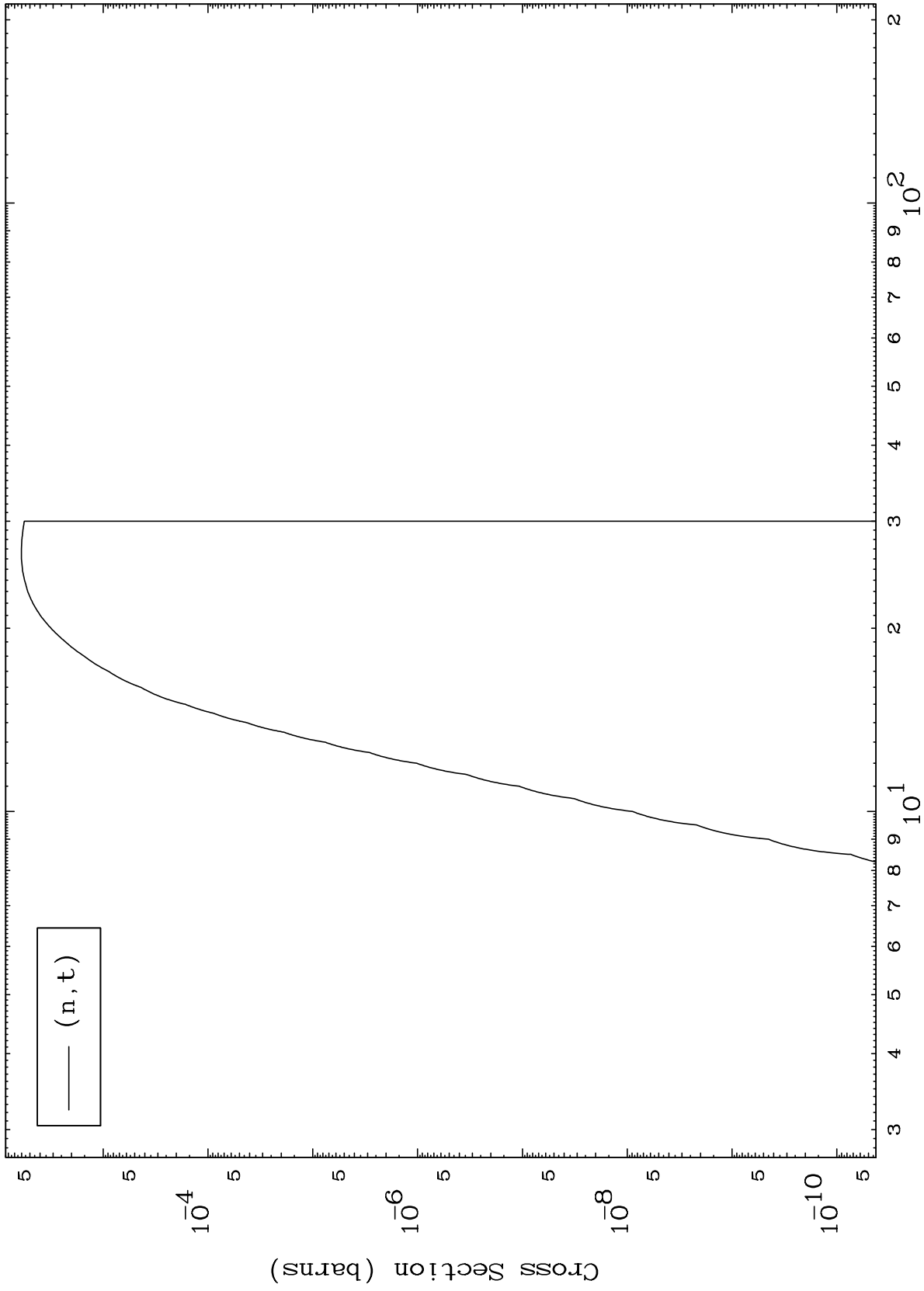


(n,d)

MAT 7522

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-184



12

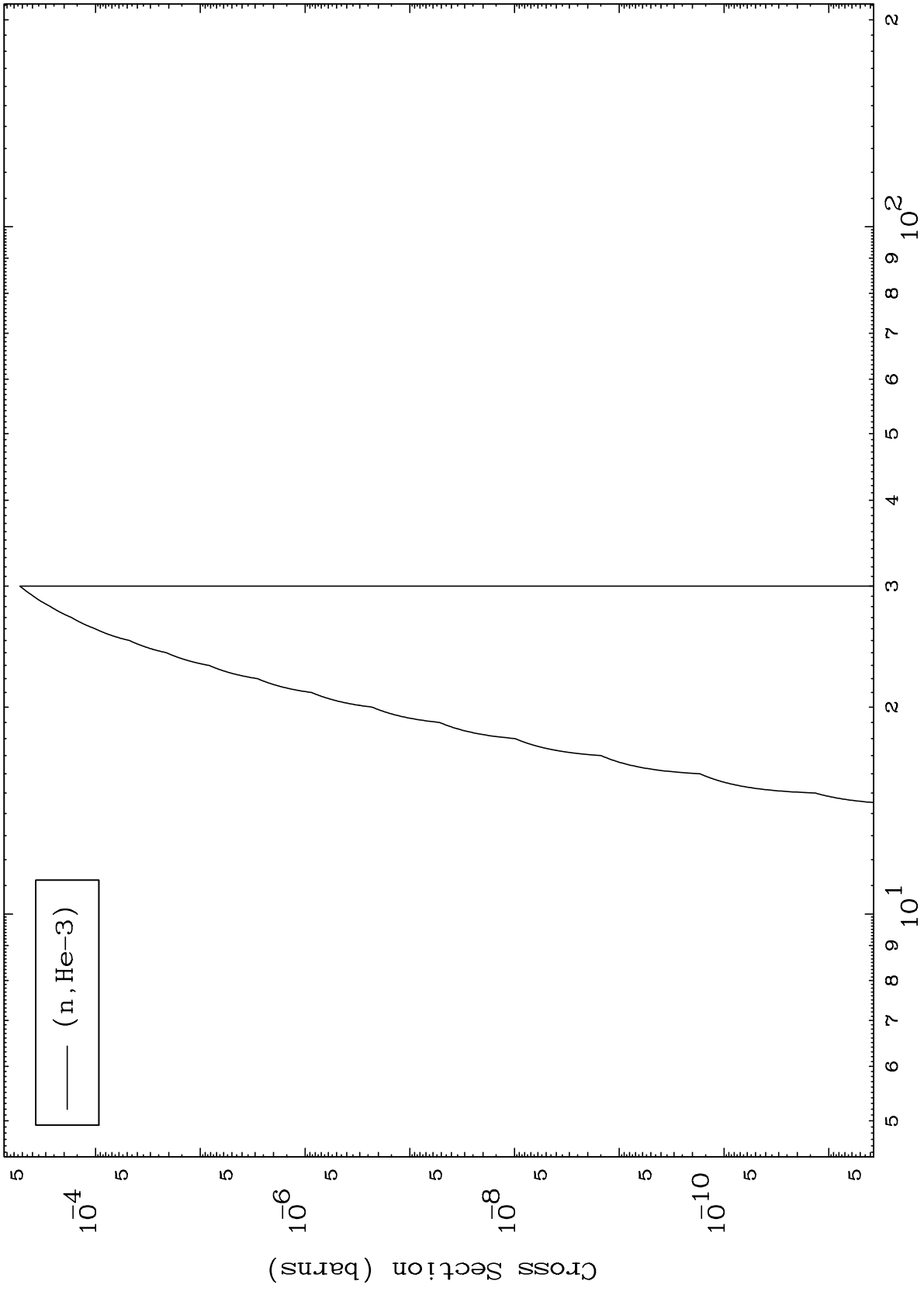
Incident Energy (MeV)

75-Re-184

MAT 7522

(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-184



13

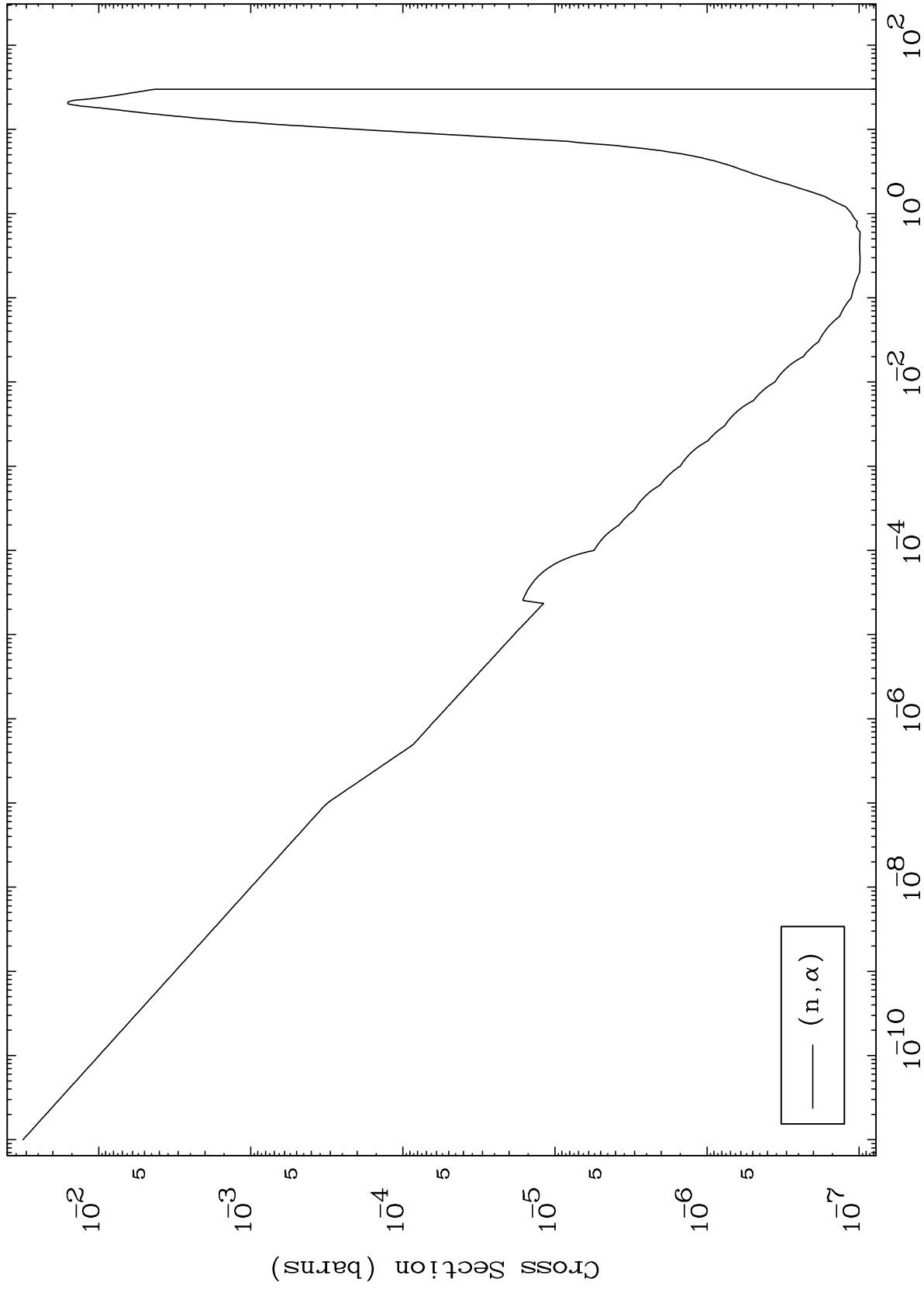
Incident Energy (MeV)

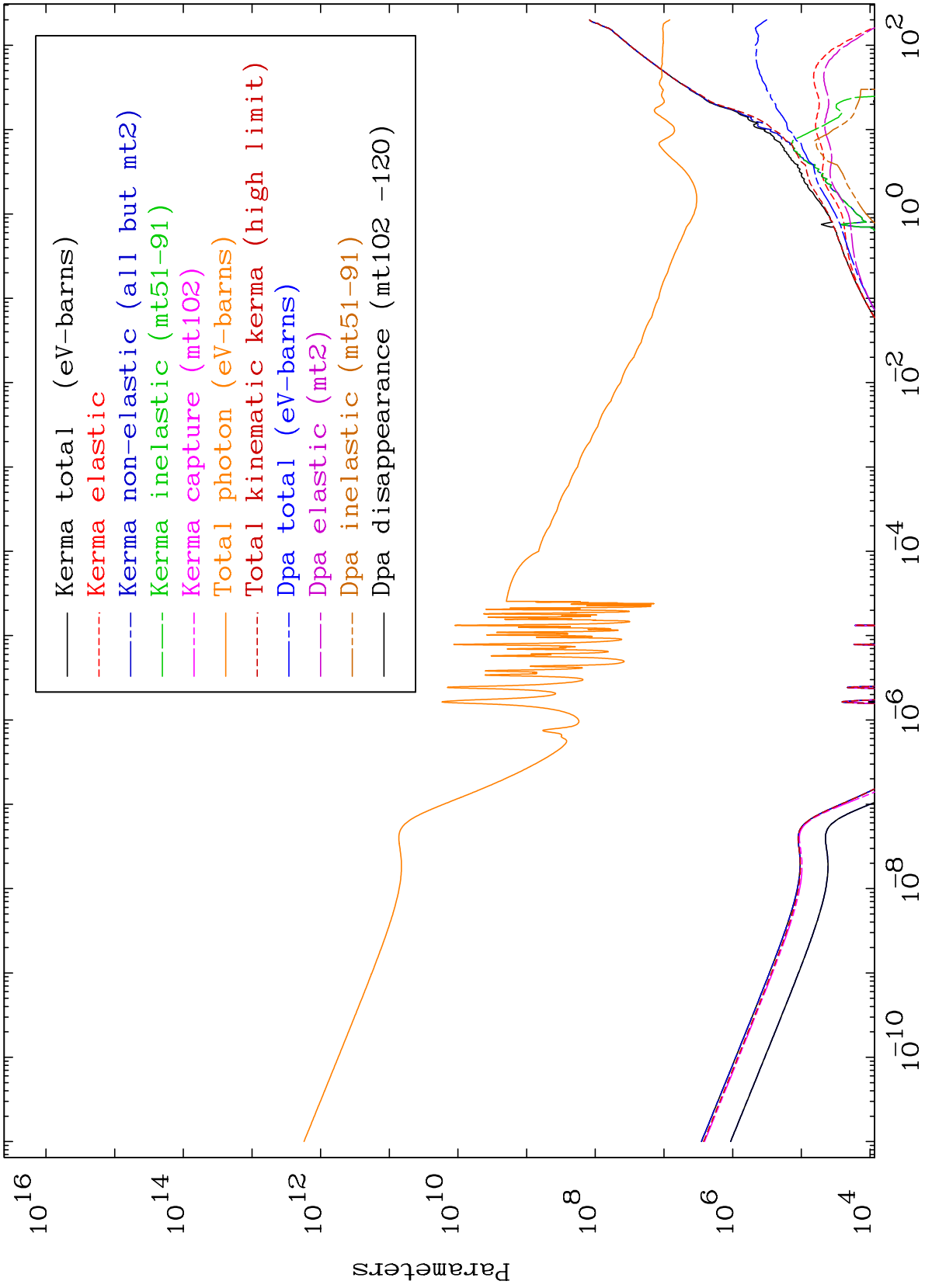
75-Re-184

MAT 7522

(n,α) Levels  
293 Kelvin Cross Sections

75-Re-184





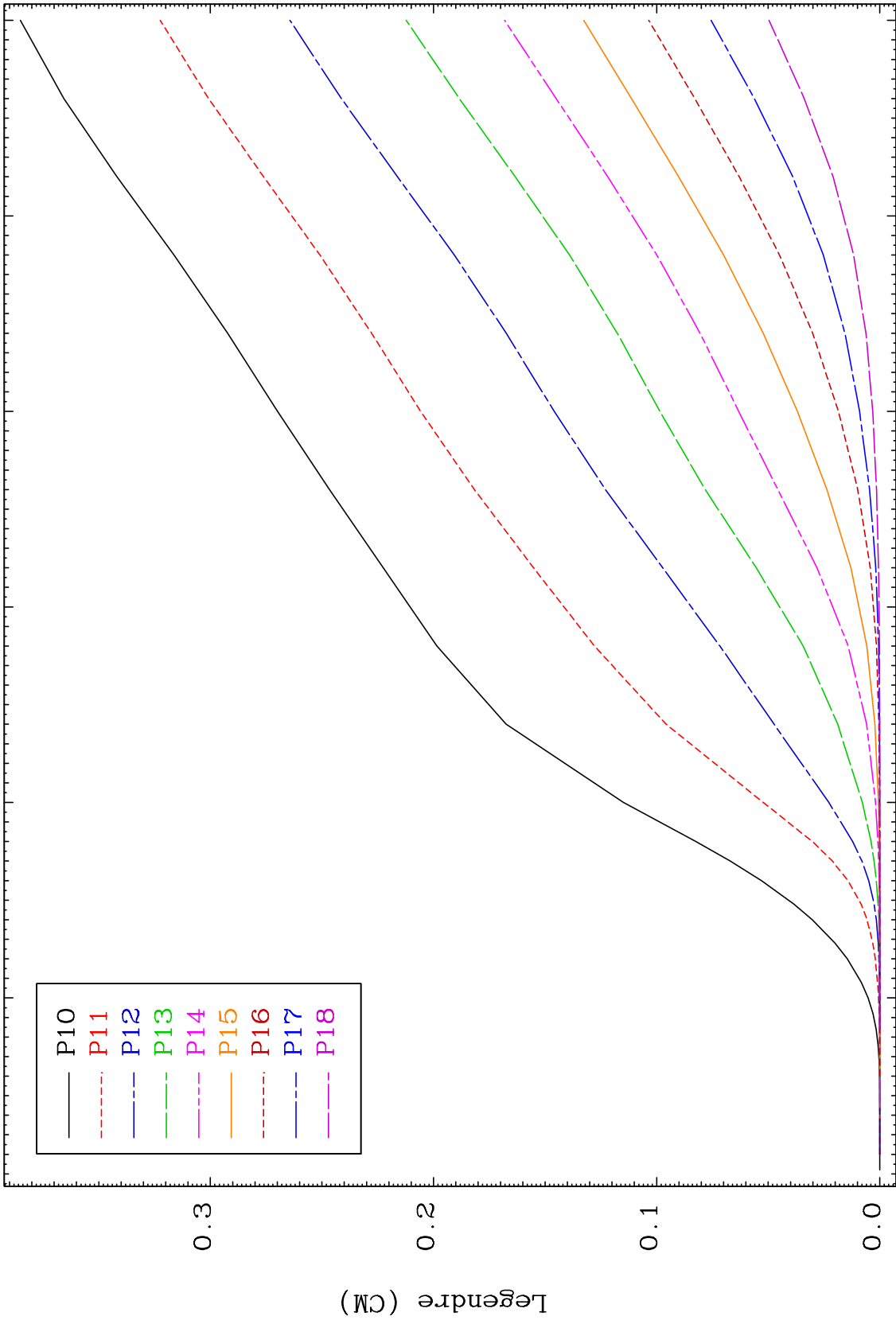




MAT 7522

Elastic Legendre Coefficients

75-Re-184



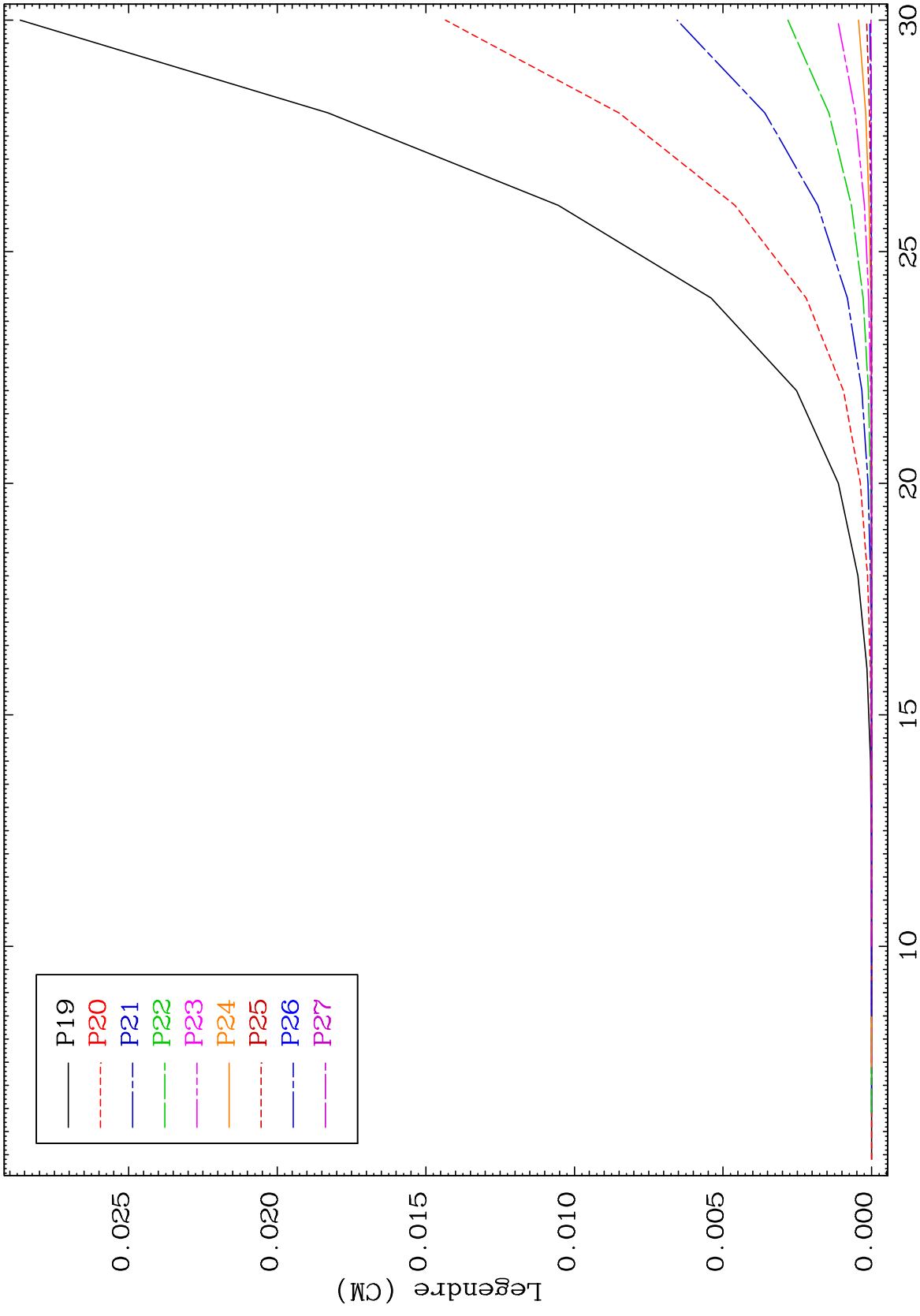
17

75-Re-184

MAT 7522

### Elastic Legendre Coefficients

75-Re-184



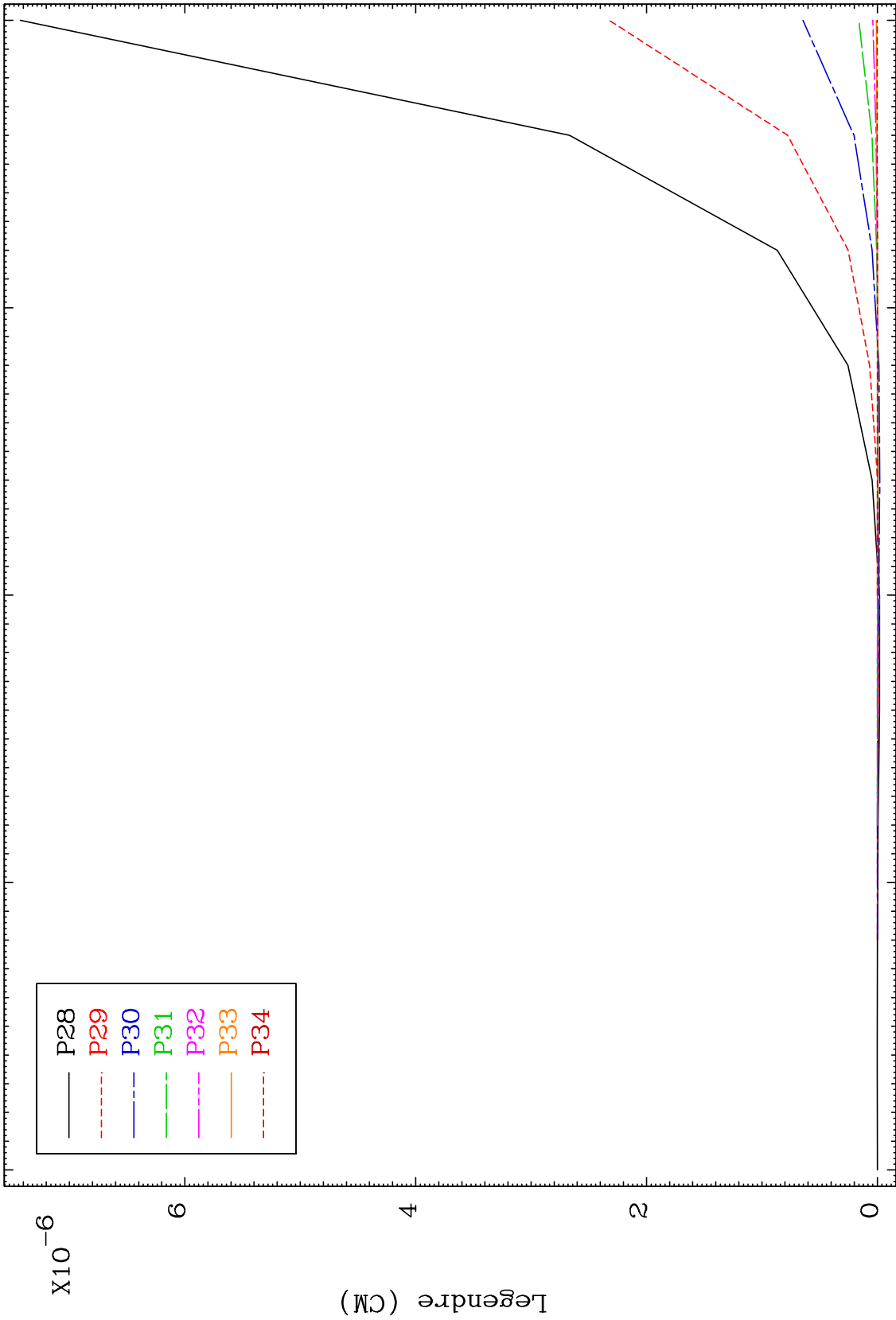
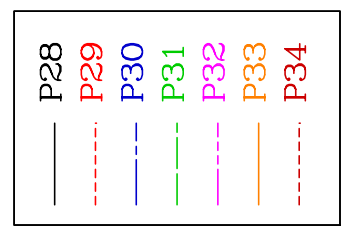
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75-Re-184

MAT 7522

Elastic Legendre Coefficients

75-Re-184



19

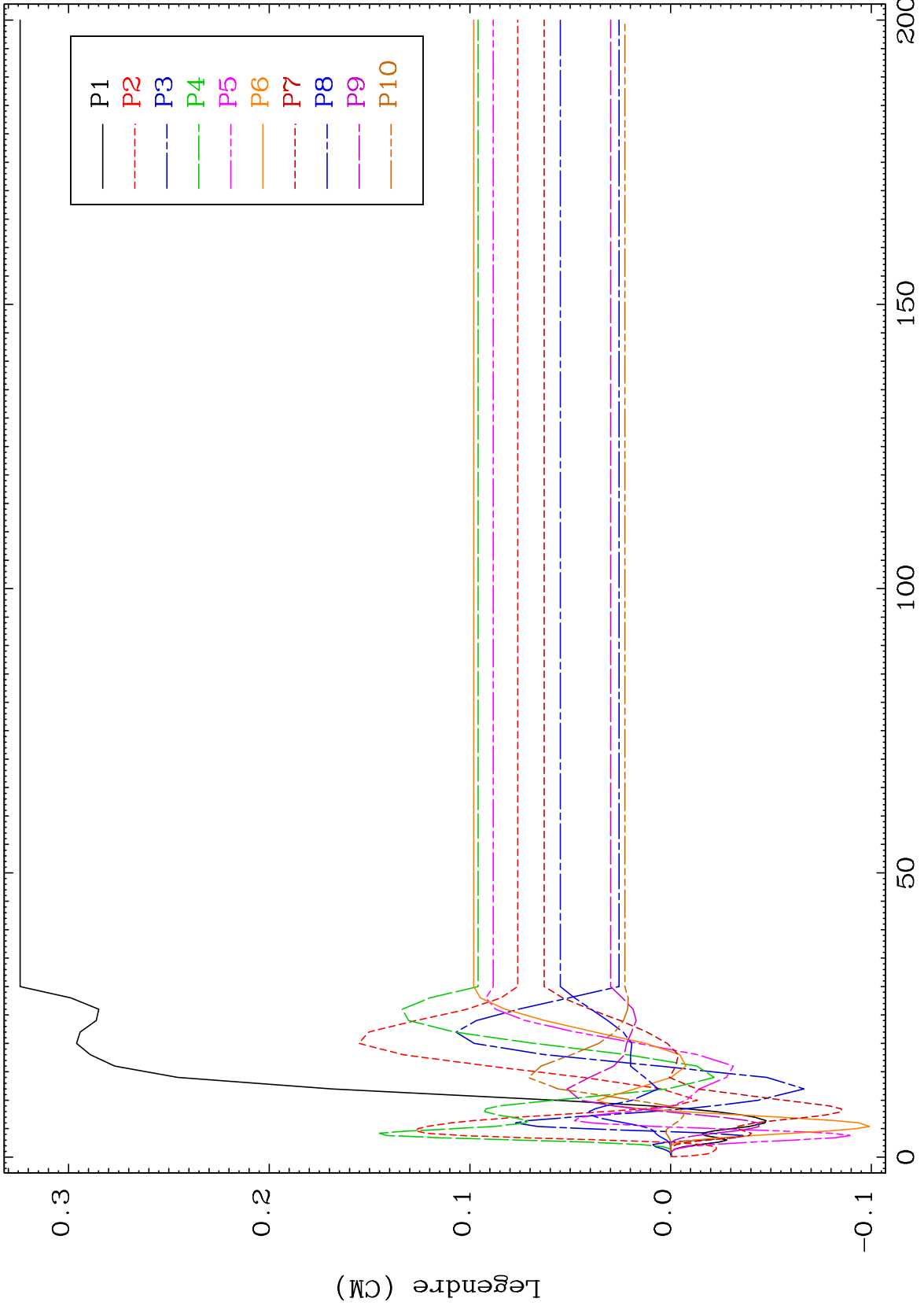
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



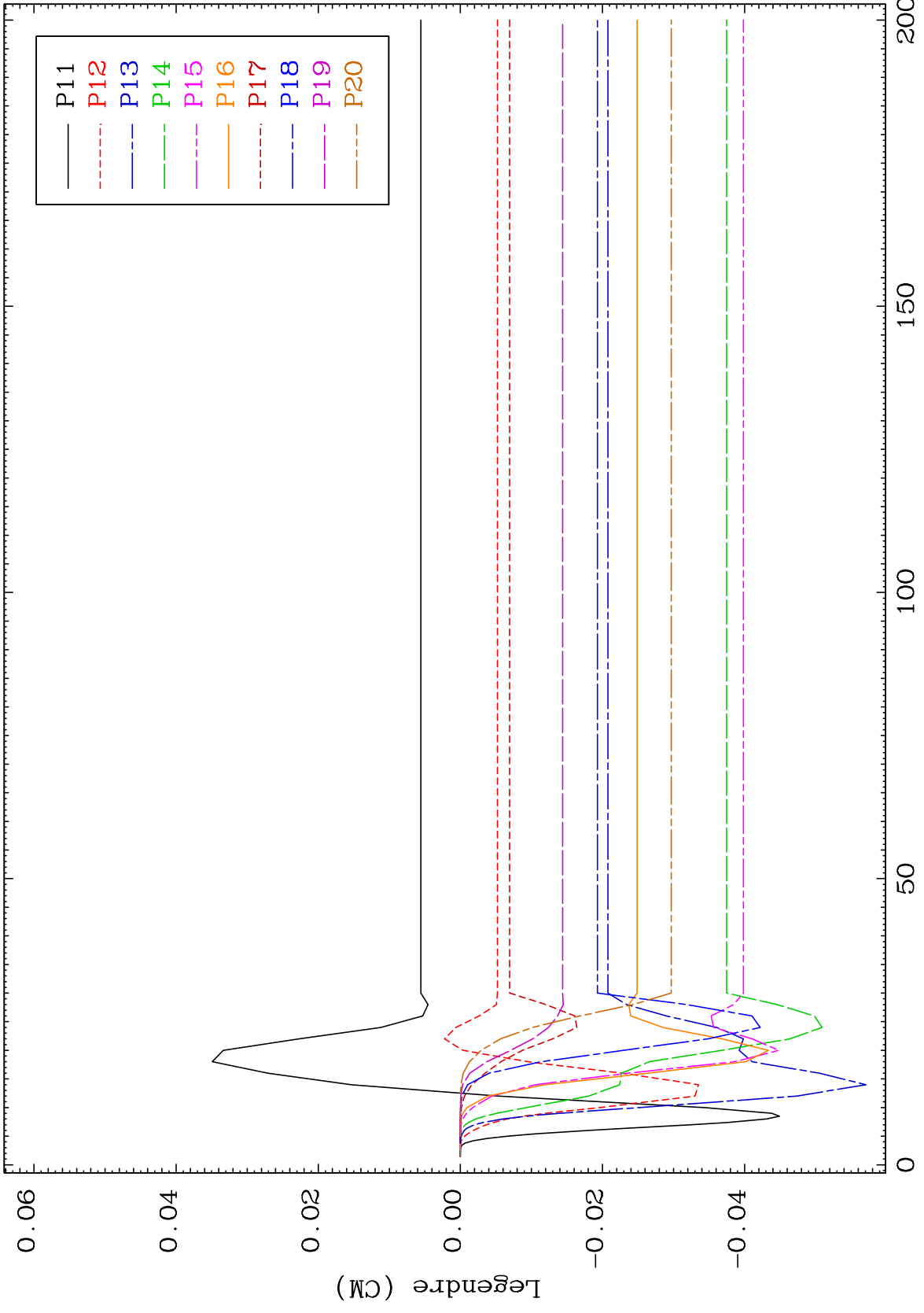
75-Re-184

Incident Energy (MeV)

MAT 7522

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

75-Re-184



21

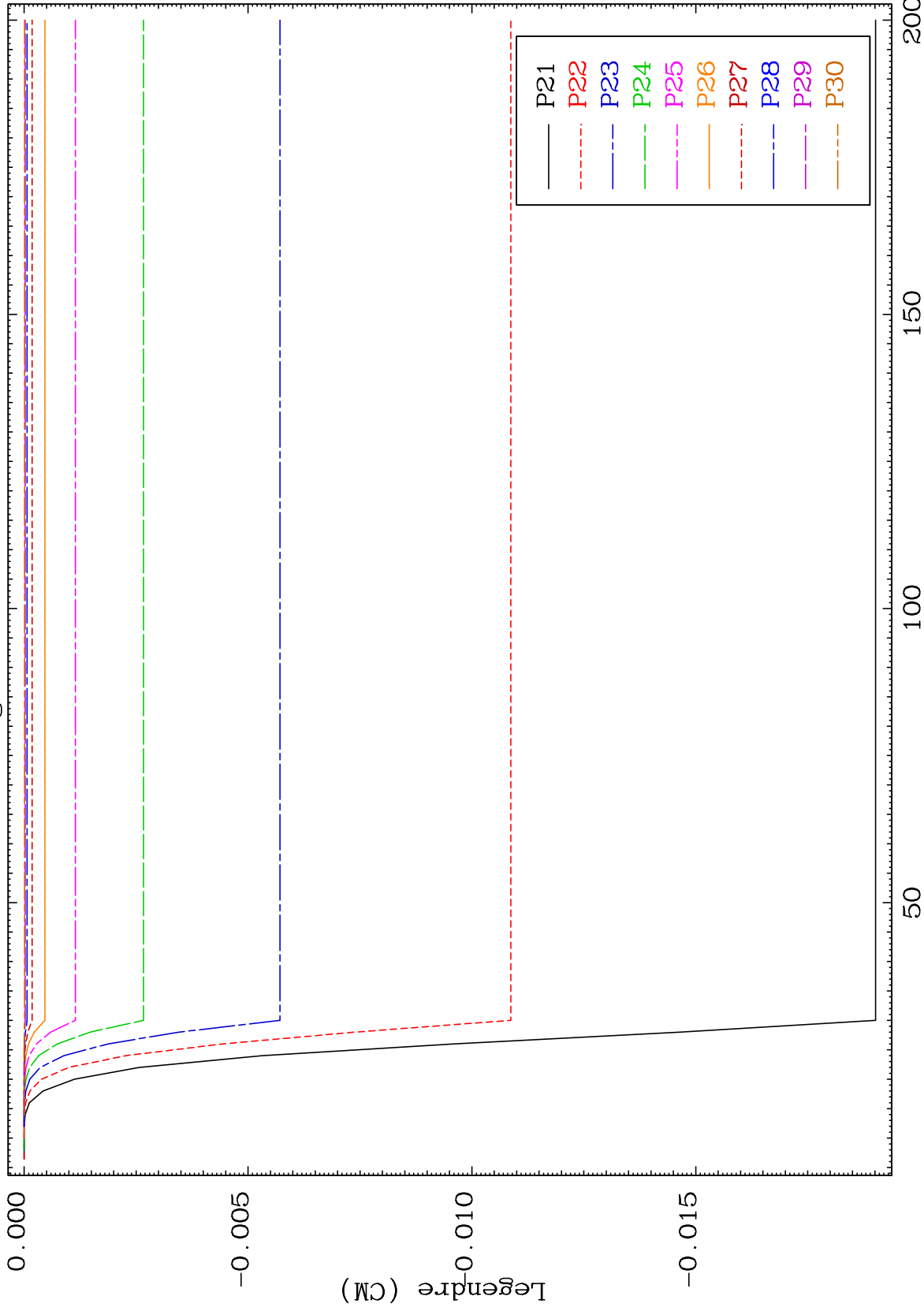
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184

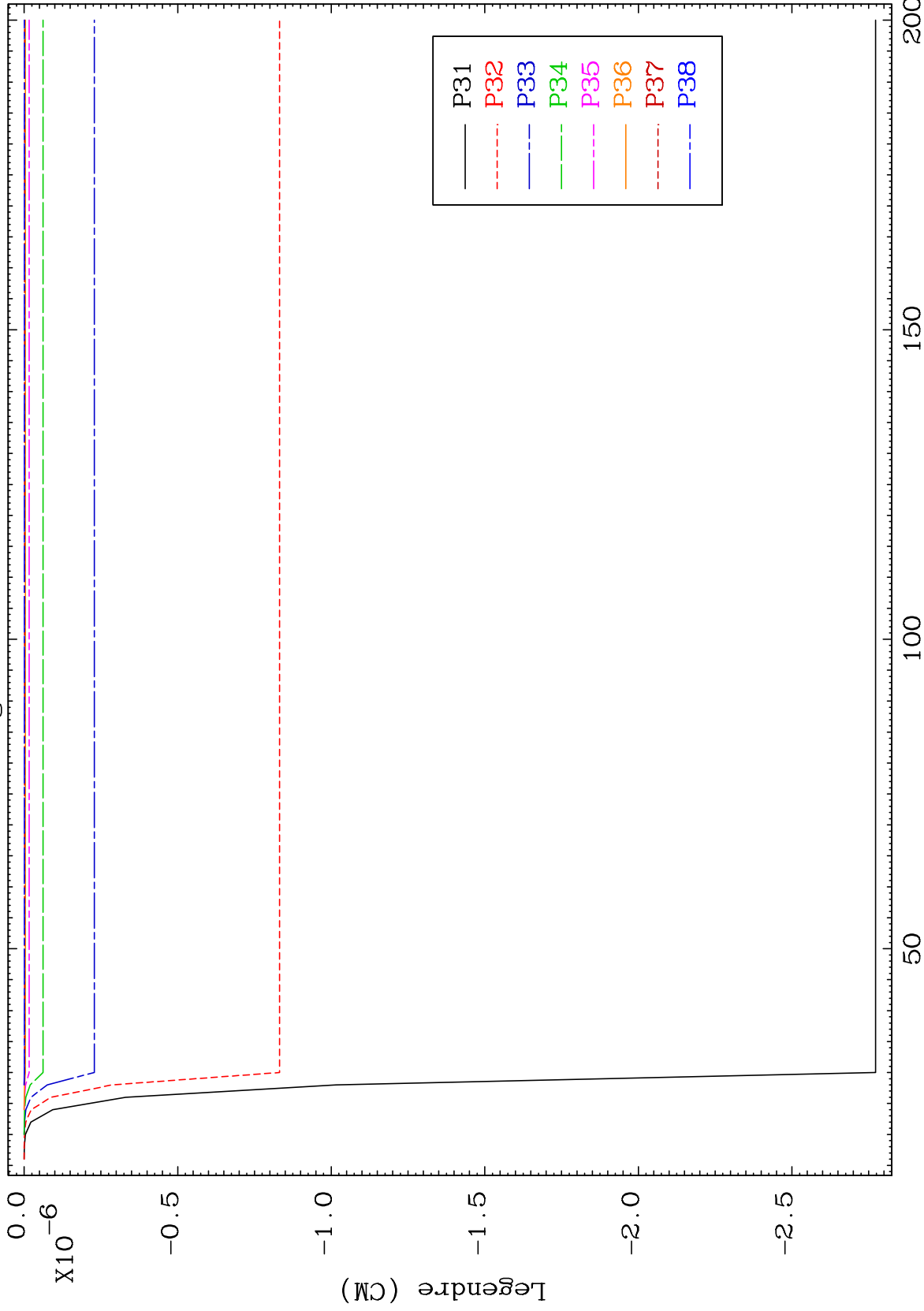


75-Re-184

Incident Energy (MeV)

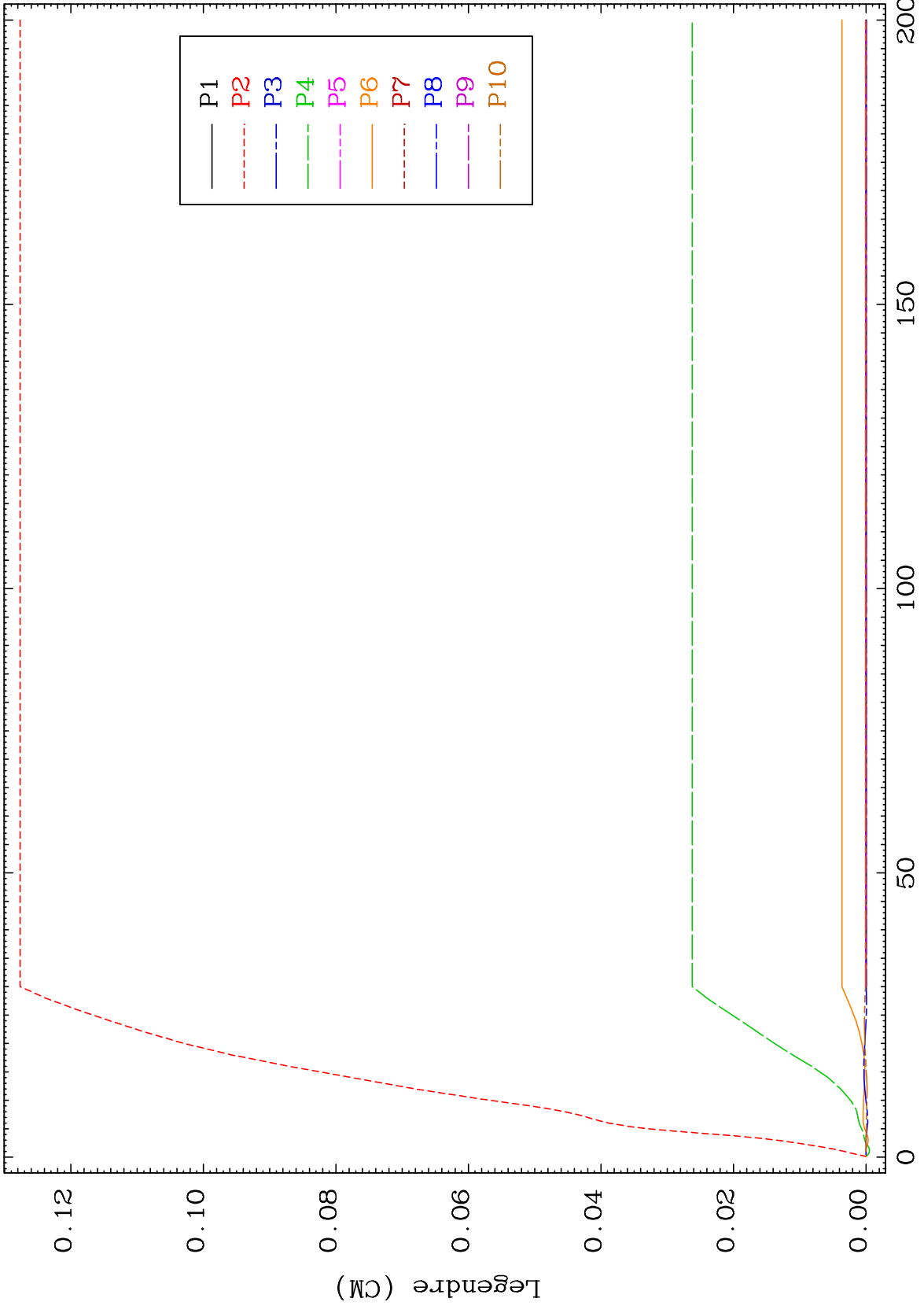
22

Legendre Coefficients





MAT 7522 MT= 52 (n,n') Level Legendre Coefficients 75-Re-184

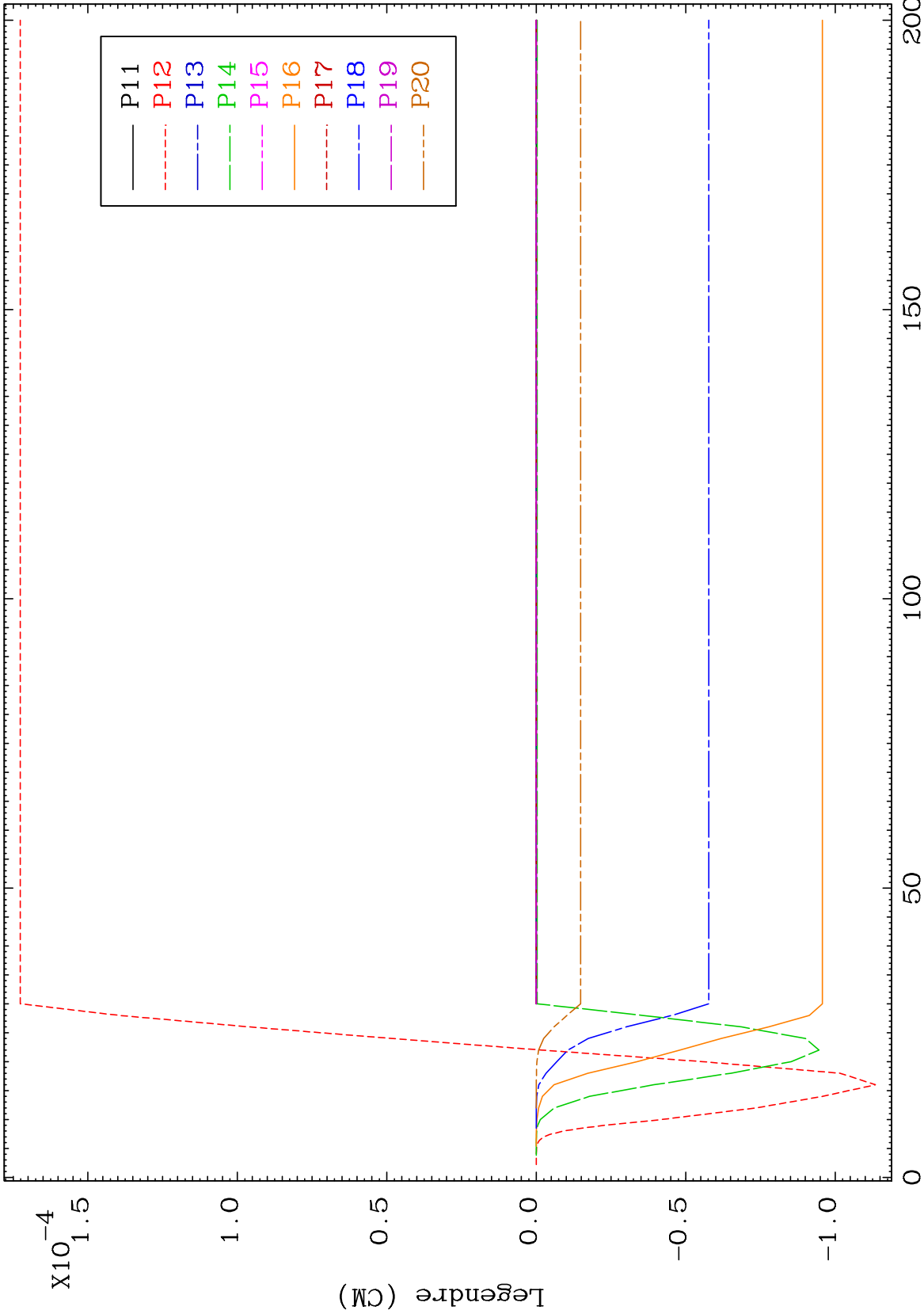


24 Incident Energy (MeV) 75-Re-184

MAT 7522

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

75-Re-184

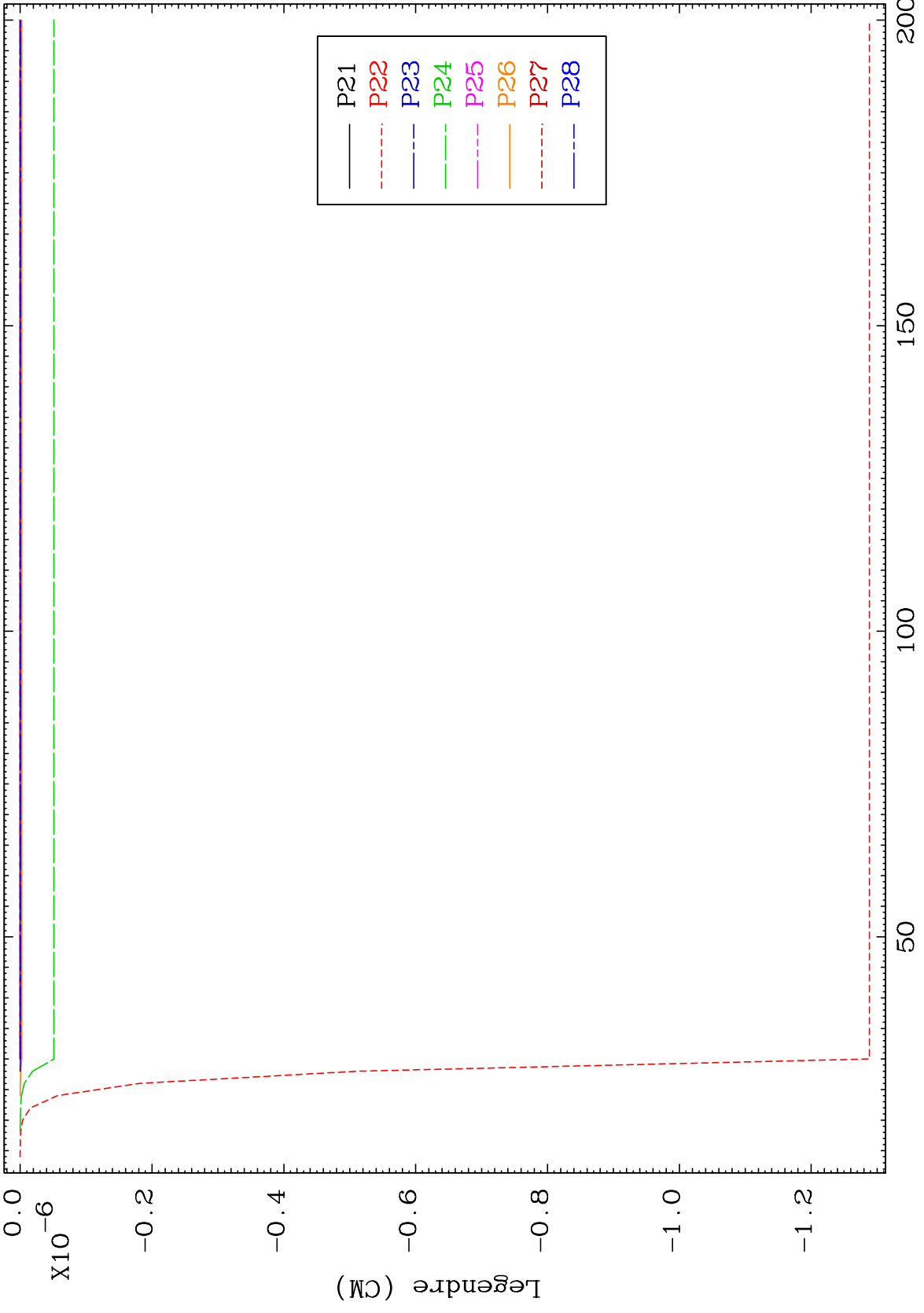


25

Incident Energy (MeV)

75-Re-184

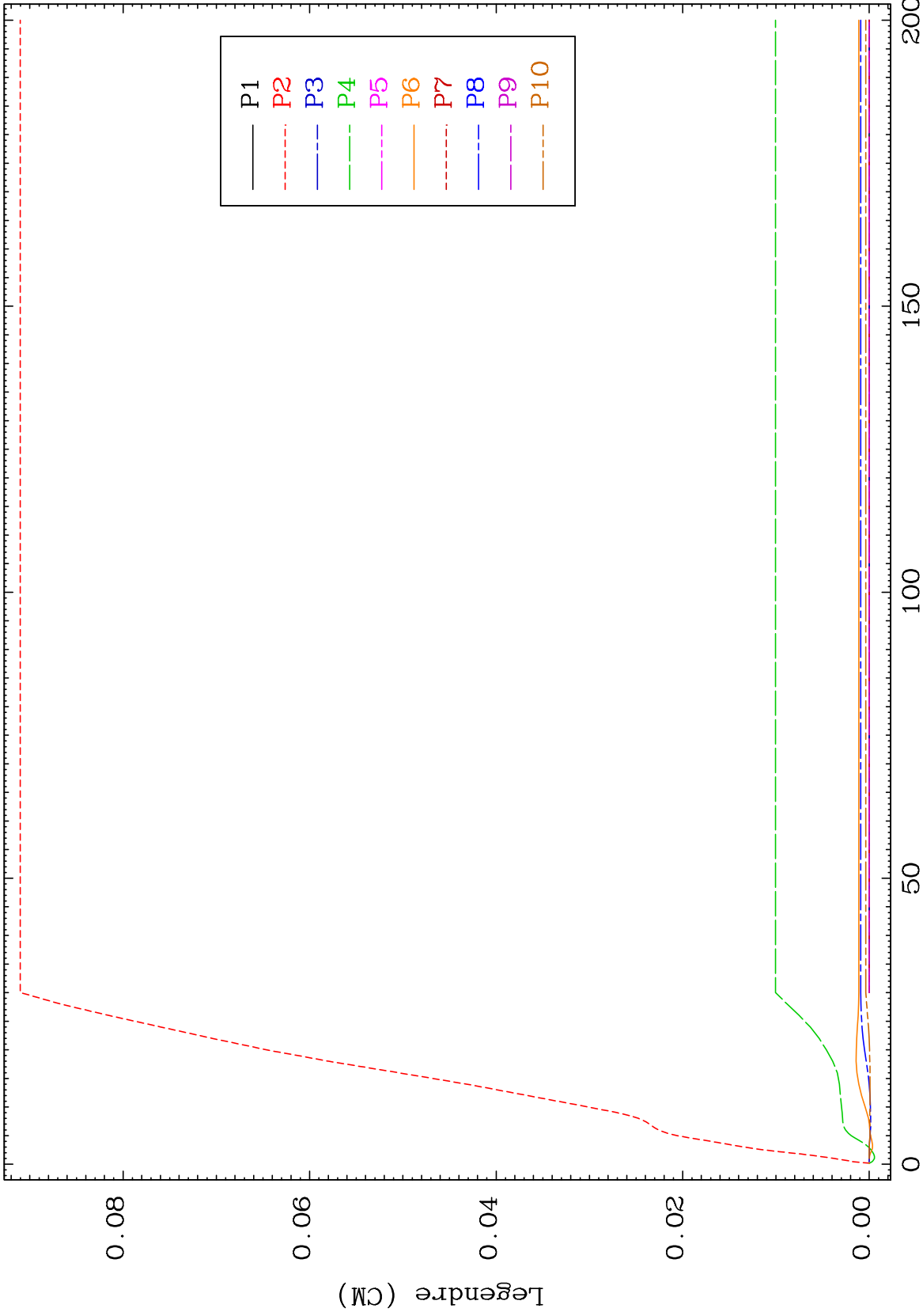
MAT 7522 MT= 52 (n,n') Level Legendre Coefficients 75-Re-184



MAT 7522

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

75-Re-184



27

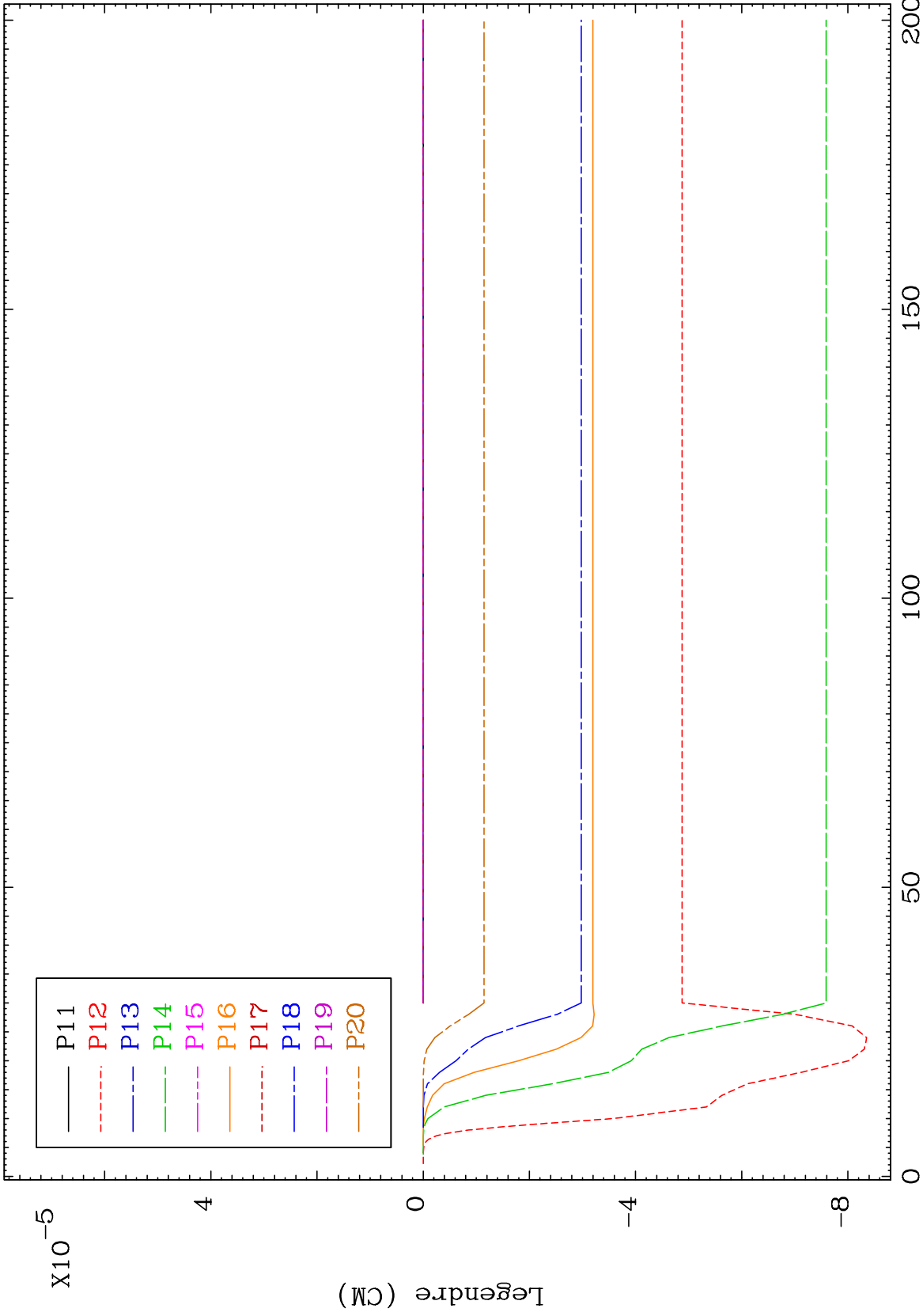
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



28

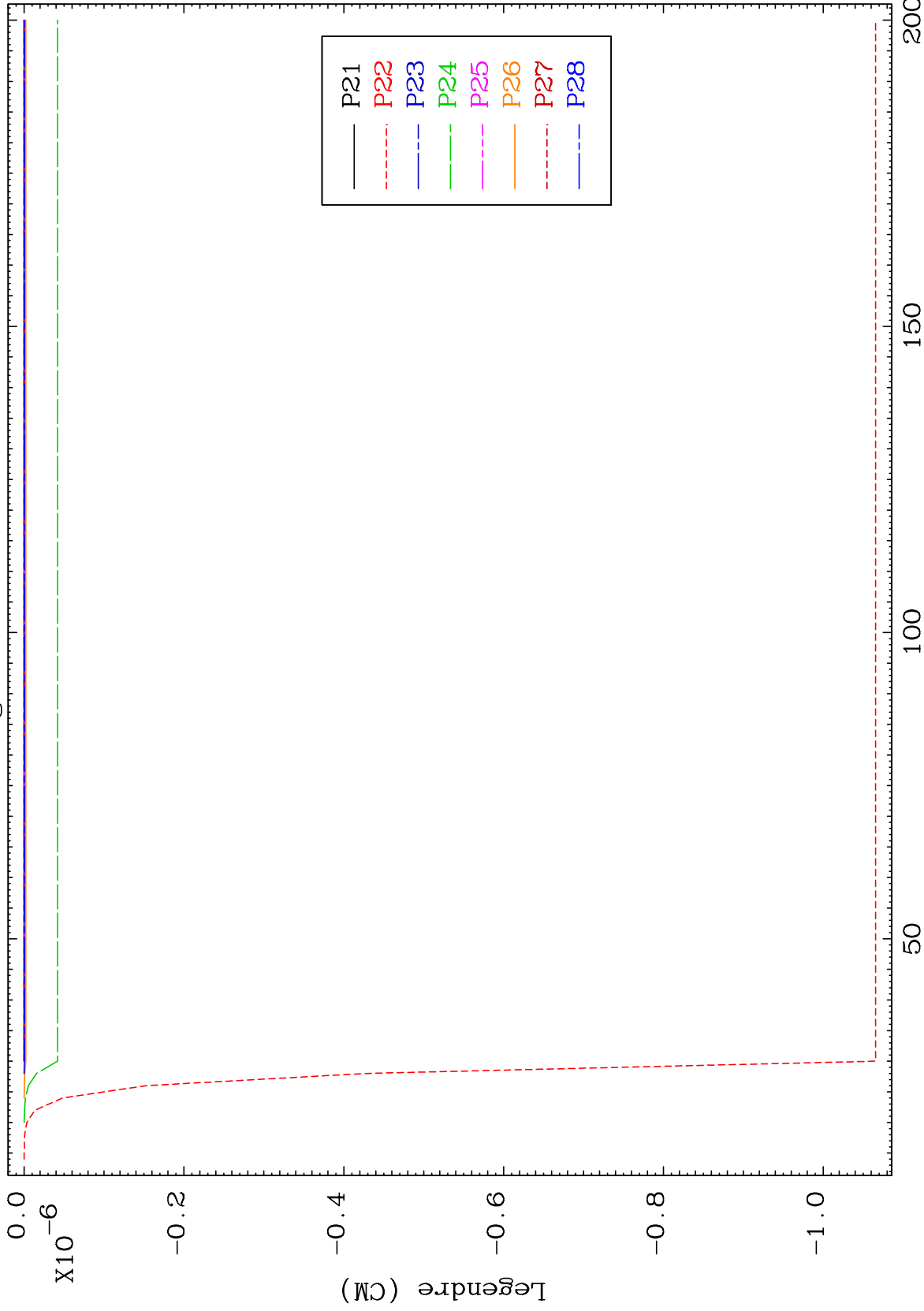
Incident Energy (MeV)

75-Re-184

MAT 7522 MT= 53 (n,n') Level

Legendre Coefficients

75-Re-184



75-Re-184

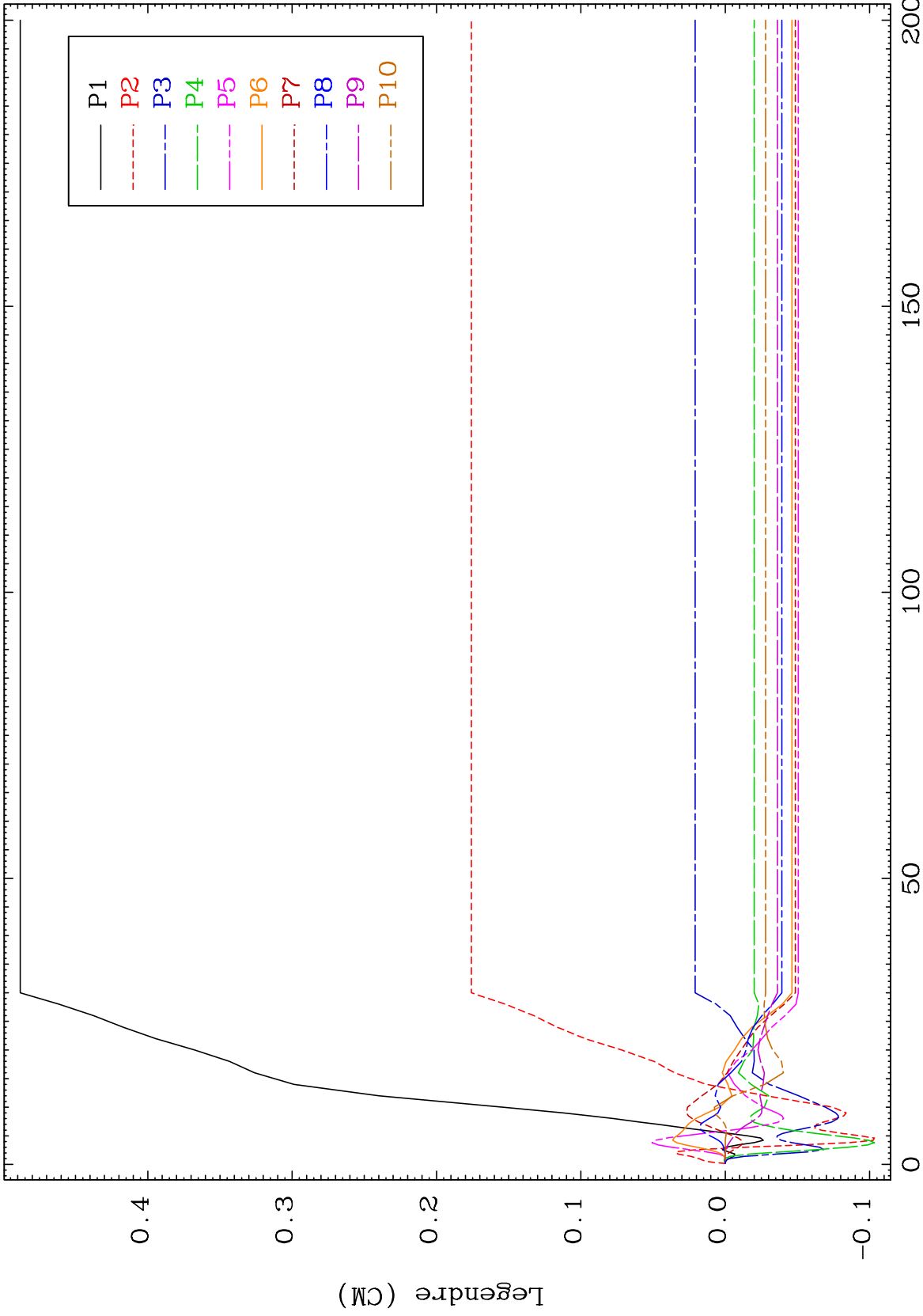
Incident Energy (MeV)

29

MAT 7522

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

75-Re-184



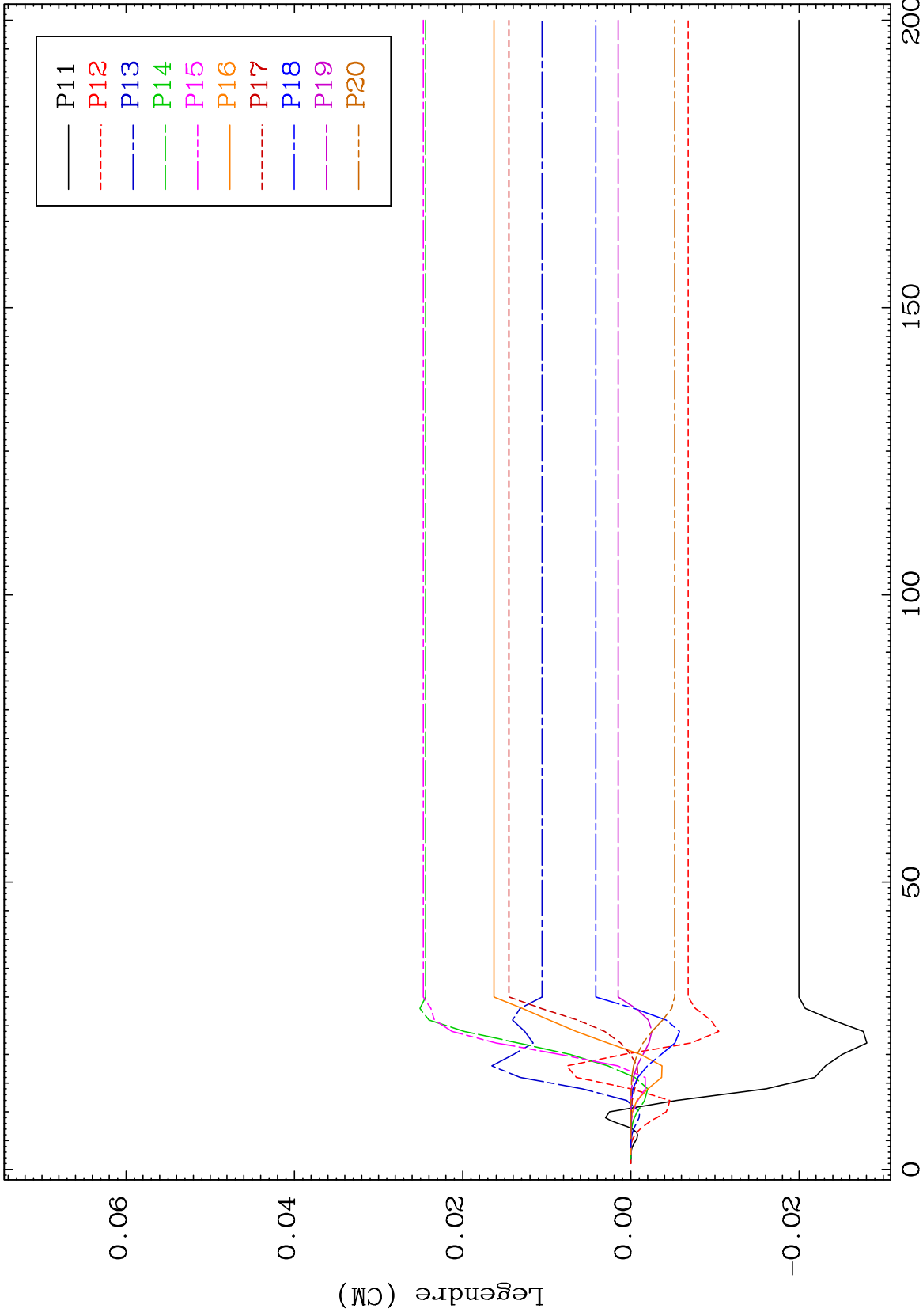
75-Re-184

Incident Energy (MeV)

MAT 7522

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

75-Re-184



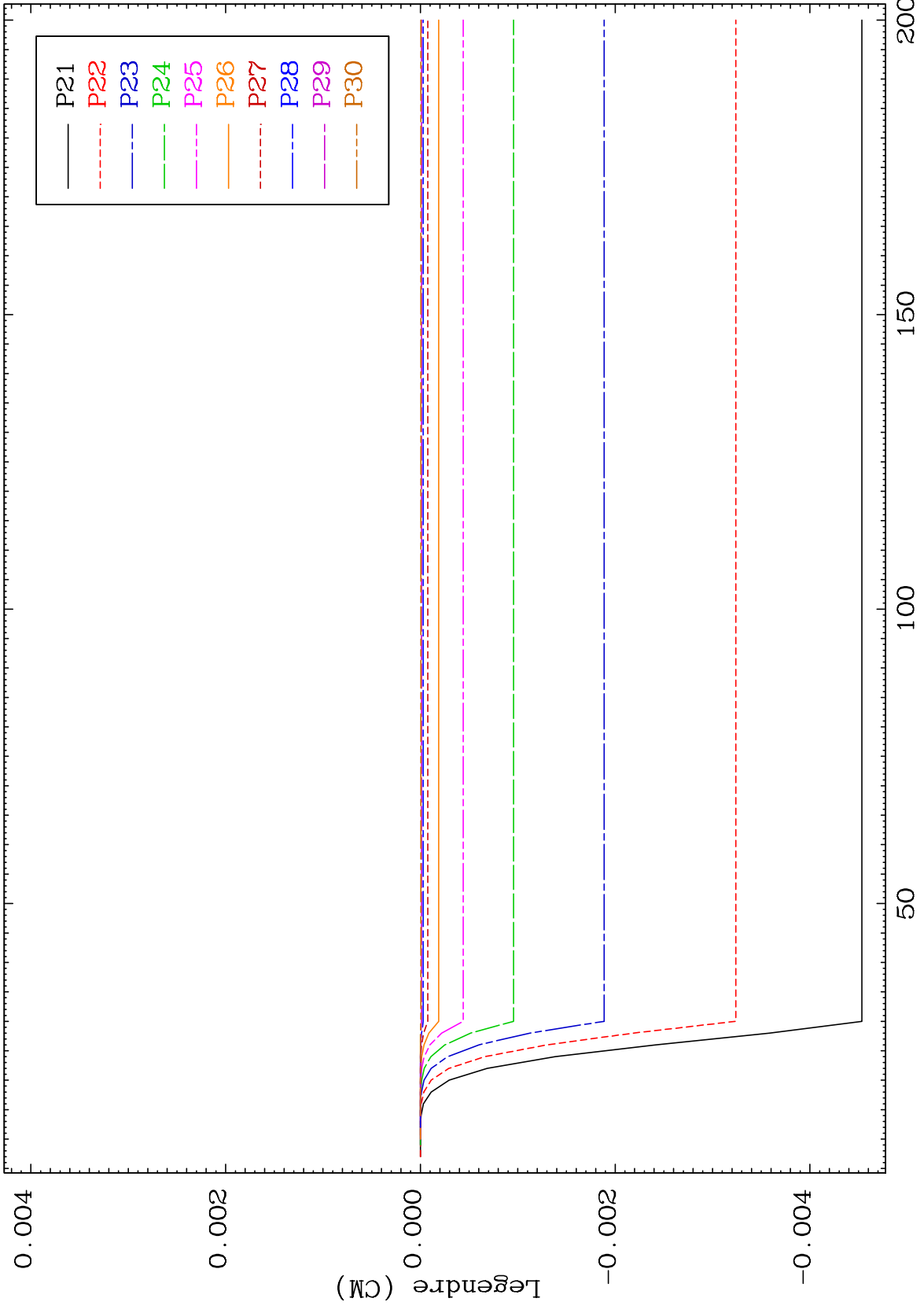
31

Incident Energy (MeV)

75-Re-184



MAT 7522 MT= 54 (n,n') Level Legendre Coefficients 75-Re-184

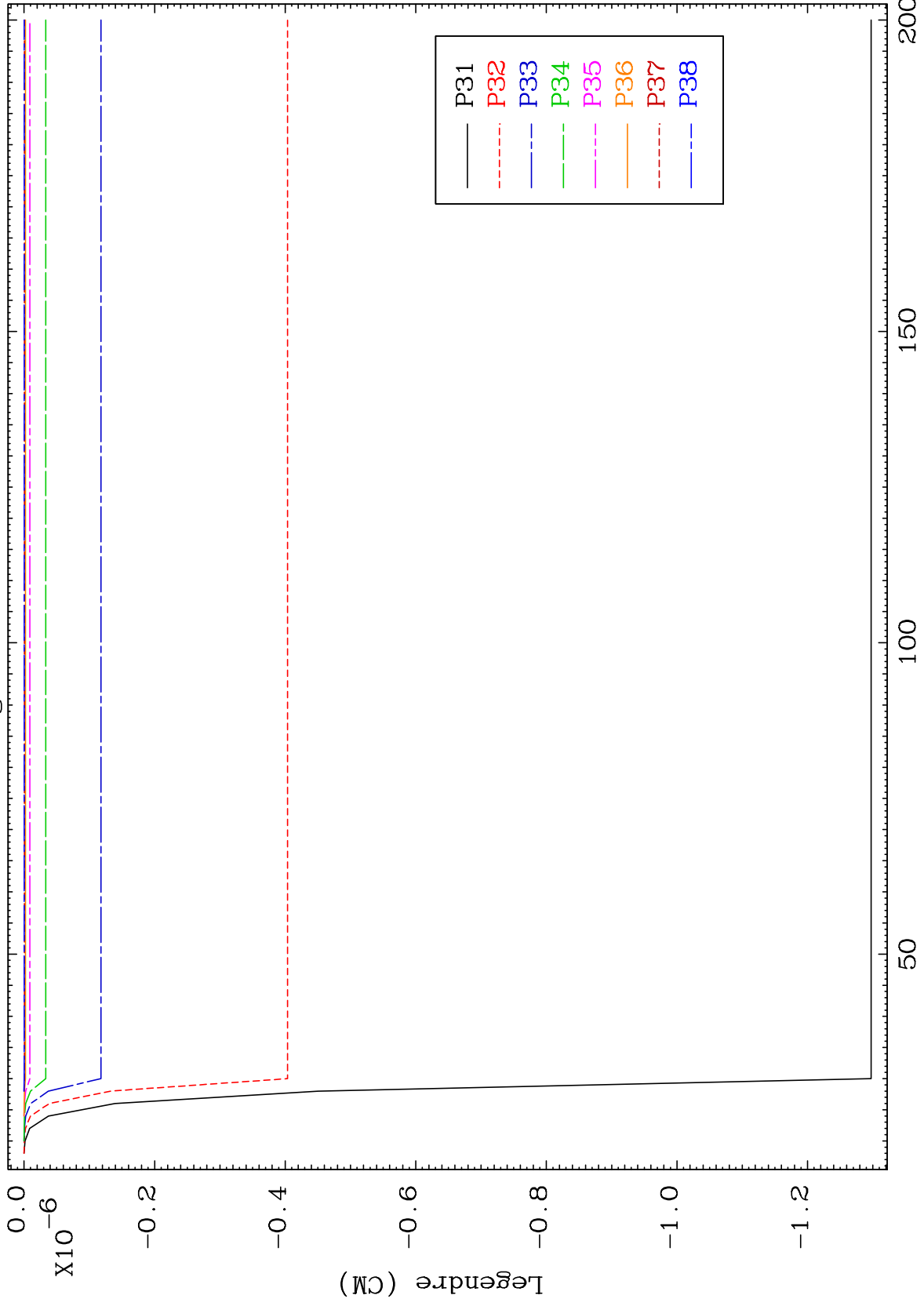


32 75-Re-184

MAT 7522

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

75-Re-184



75-Re-184

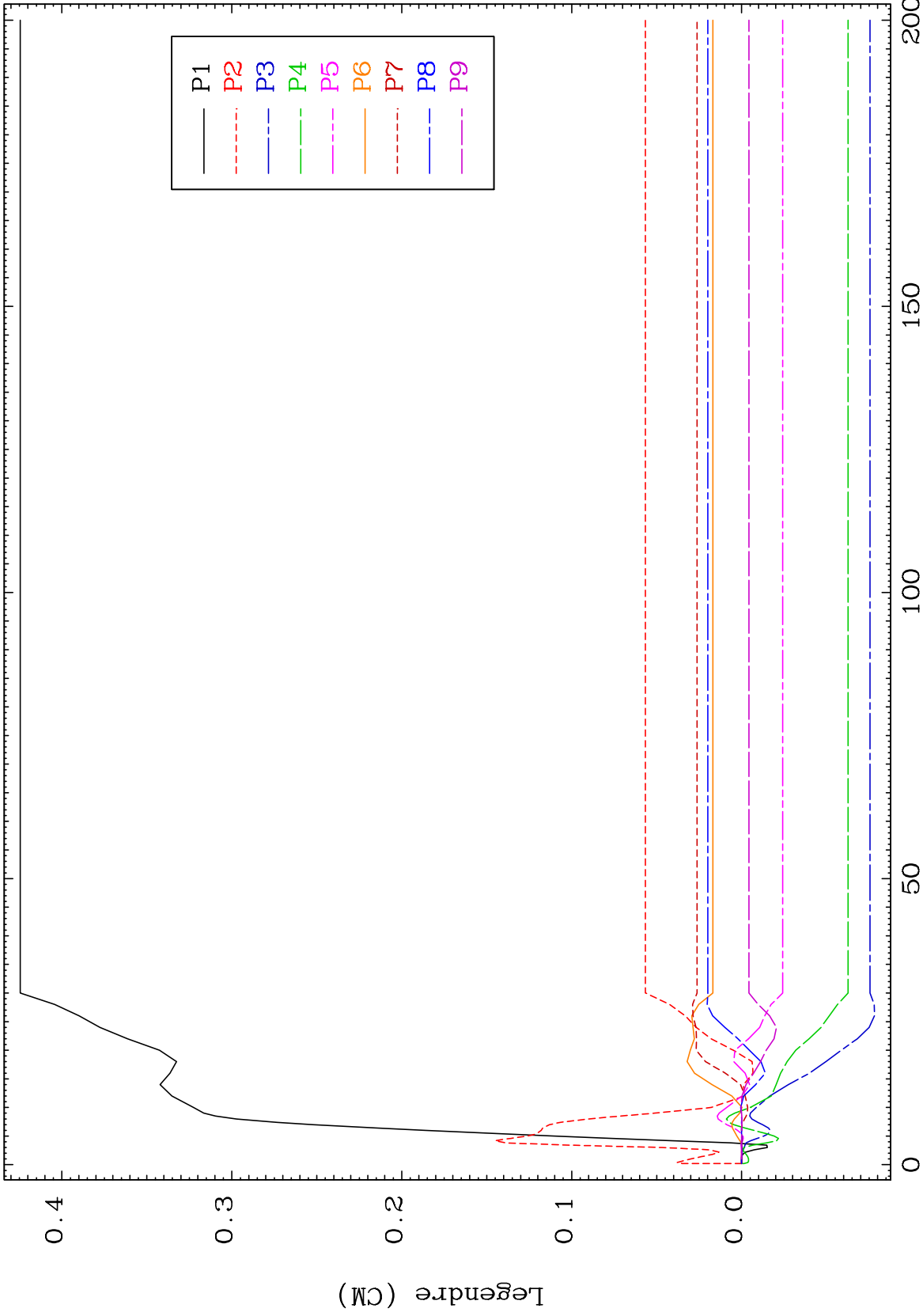
Incident Energy (MeV)

33

MAT 7522

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

75-Re-184

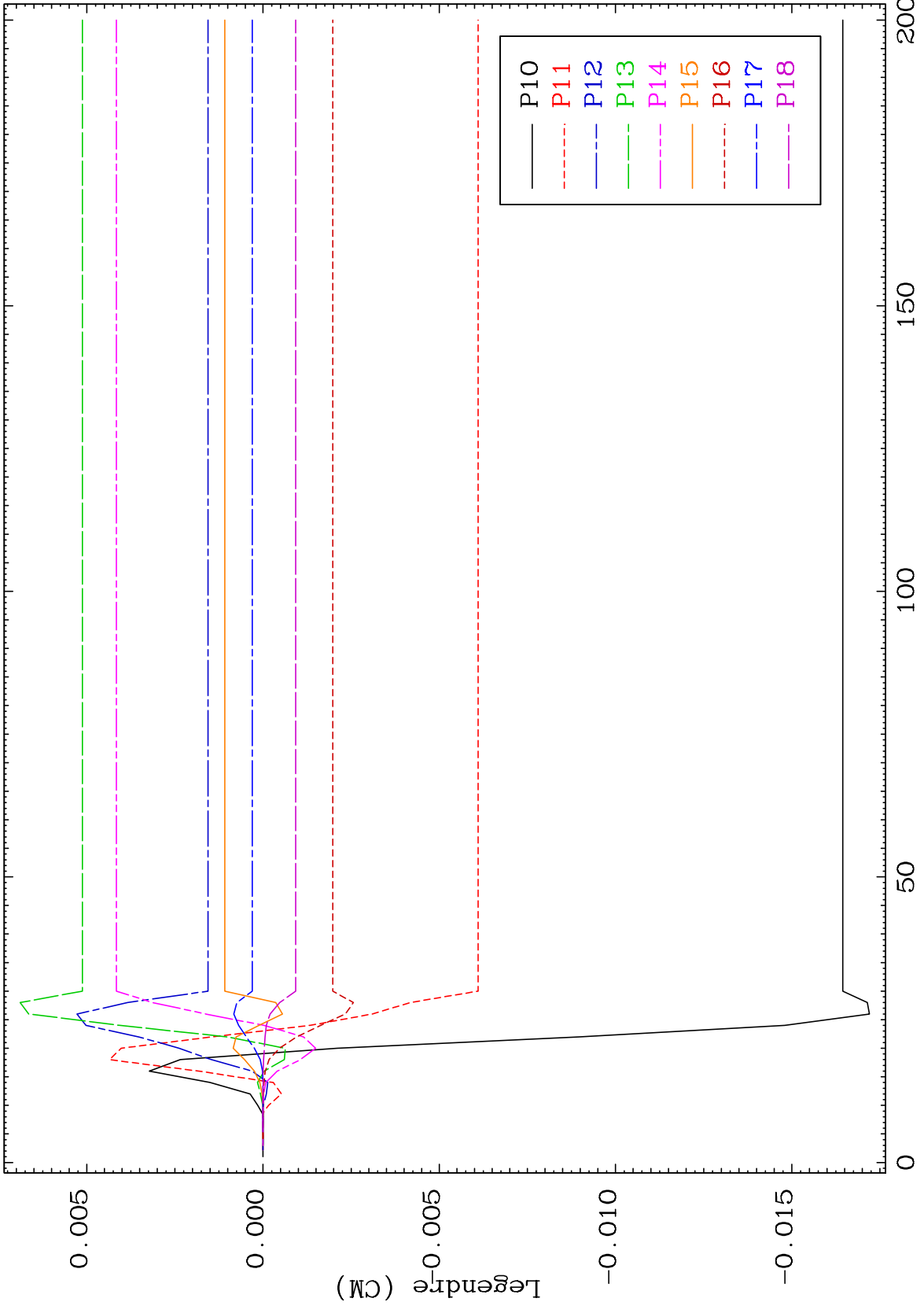


34

Incident Energy (MeV)

75-Re-184

MAT 7522 MT= 55 (n,n') Level Legendre Coefficients 75-Re-184

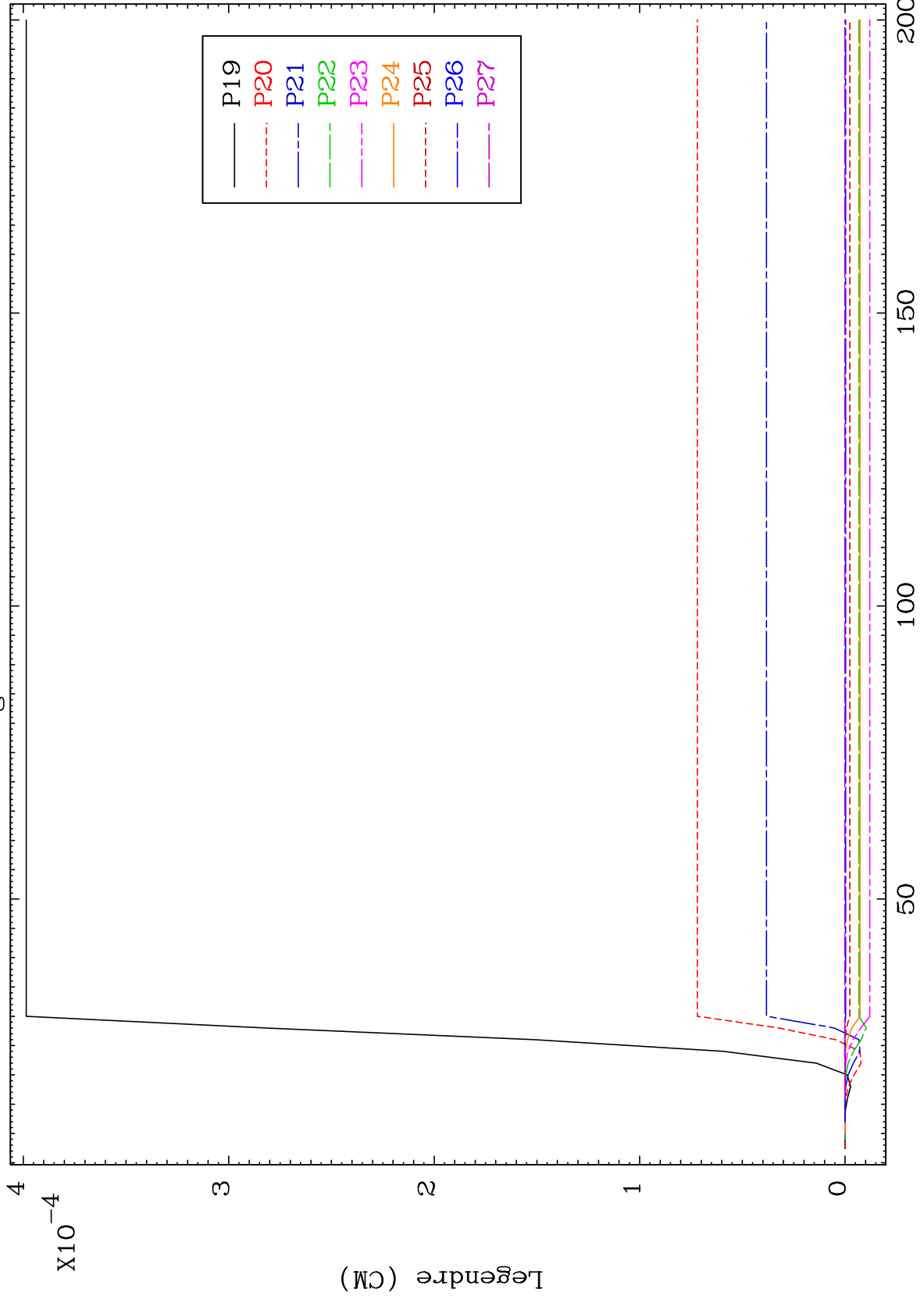


35 Incident Energy (MeV) 75-Re-184

MAT 7522

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

75-Re-184



36

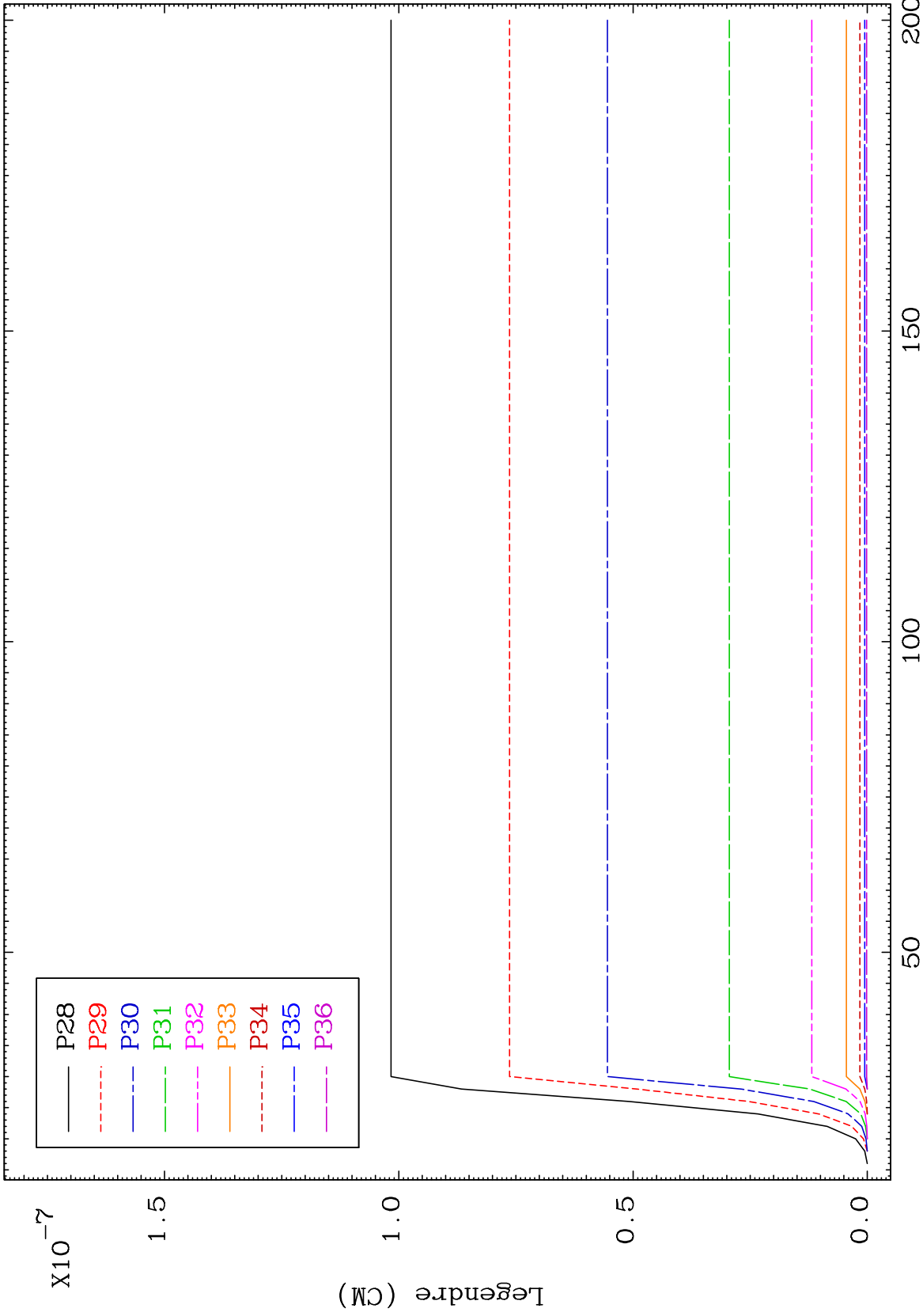
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



37

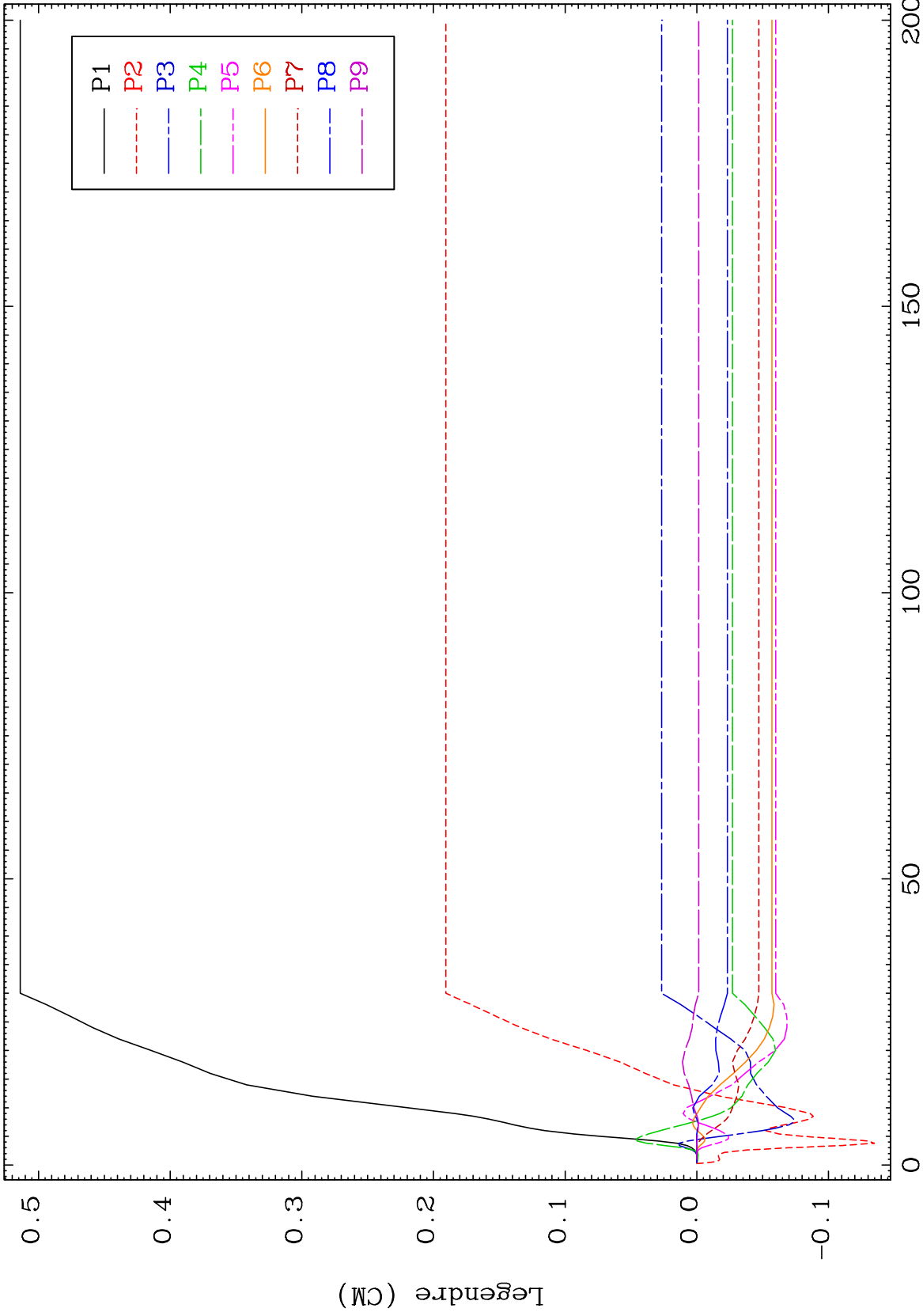
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



38

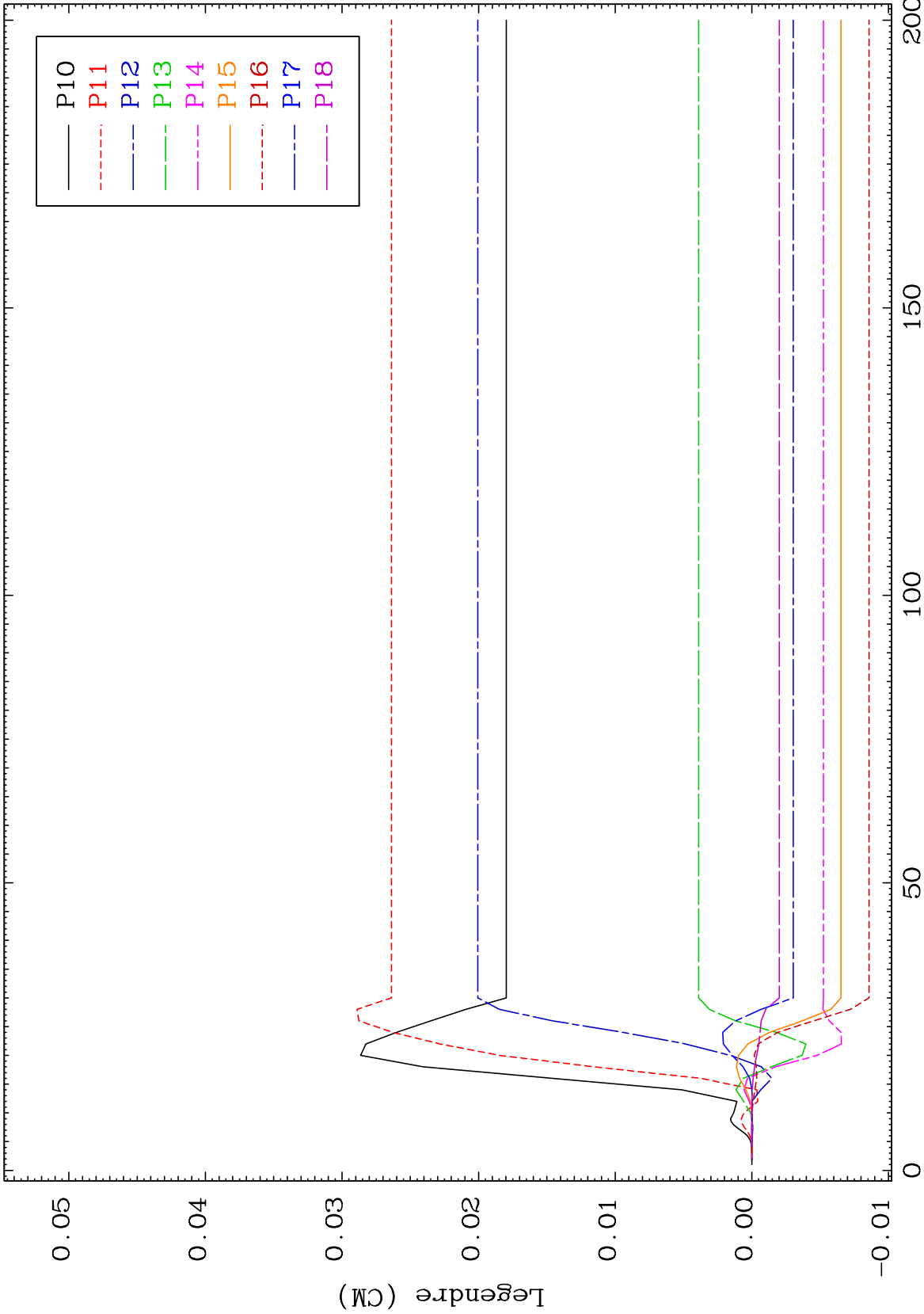
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



39

Incident Energy (MeV)

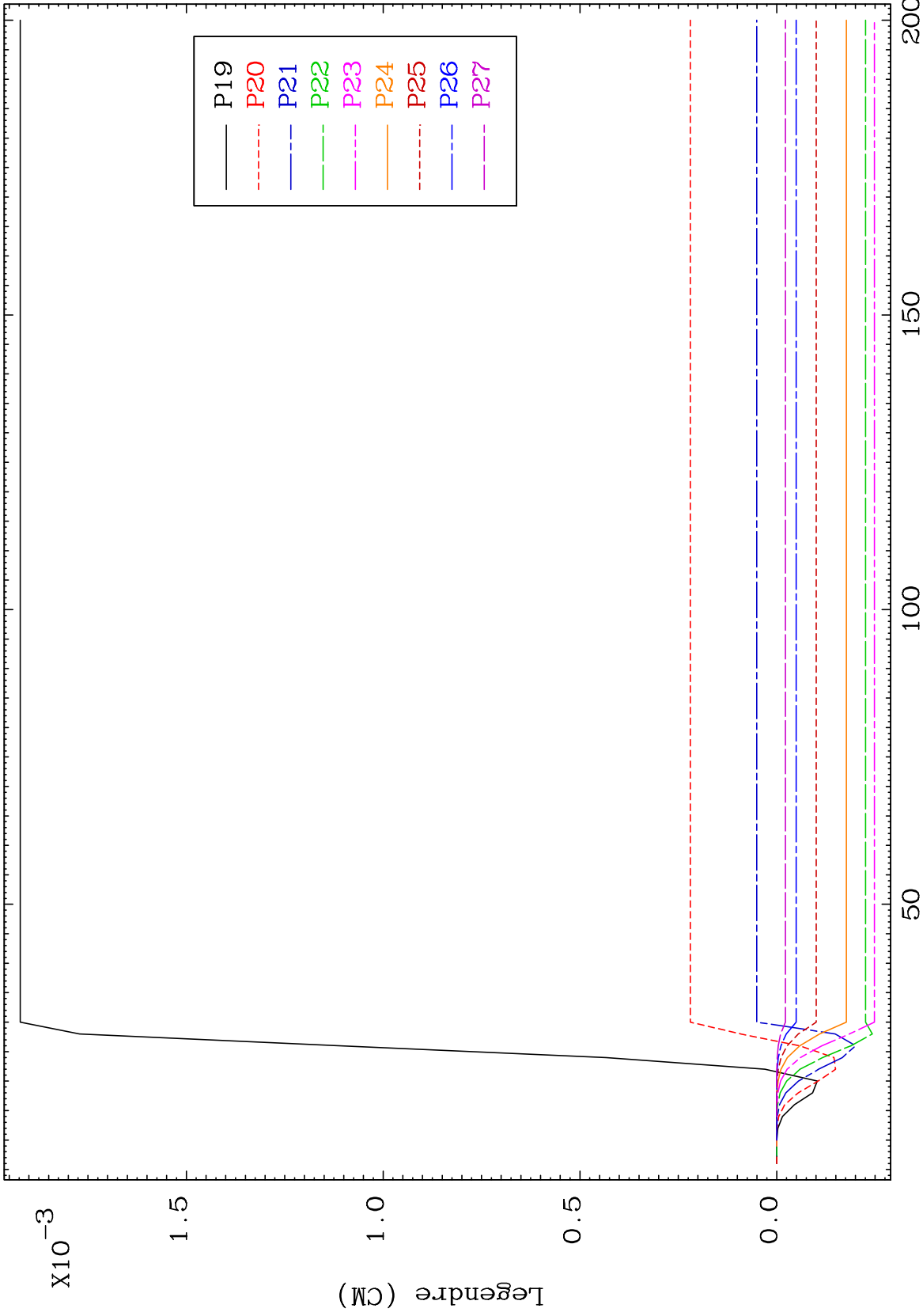
75-Re-184



MAT 7522

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

75-Re-184

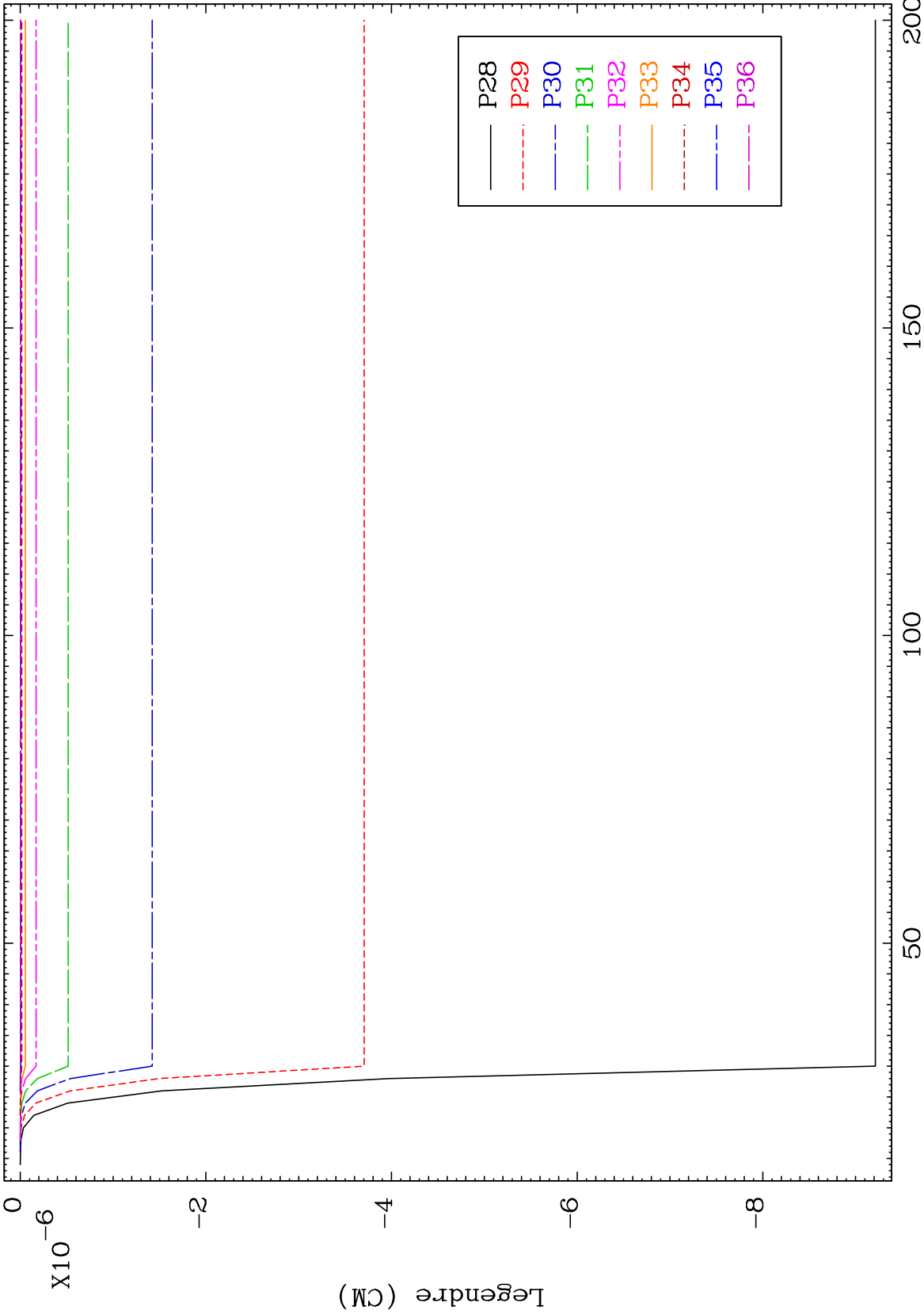


40

Incident Energy (MeV)

75-Re-184

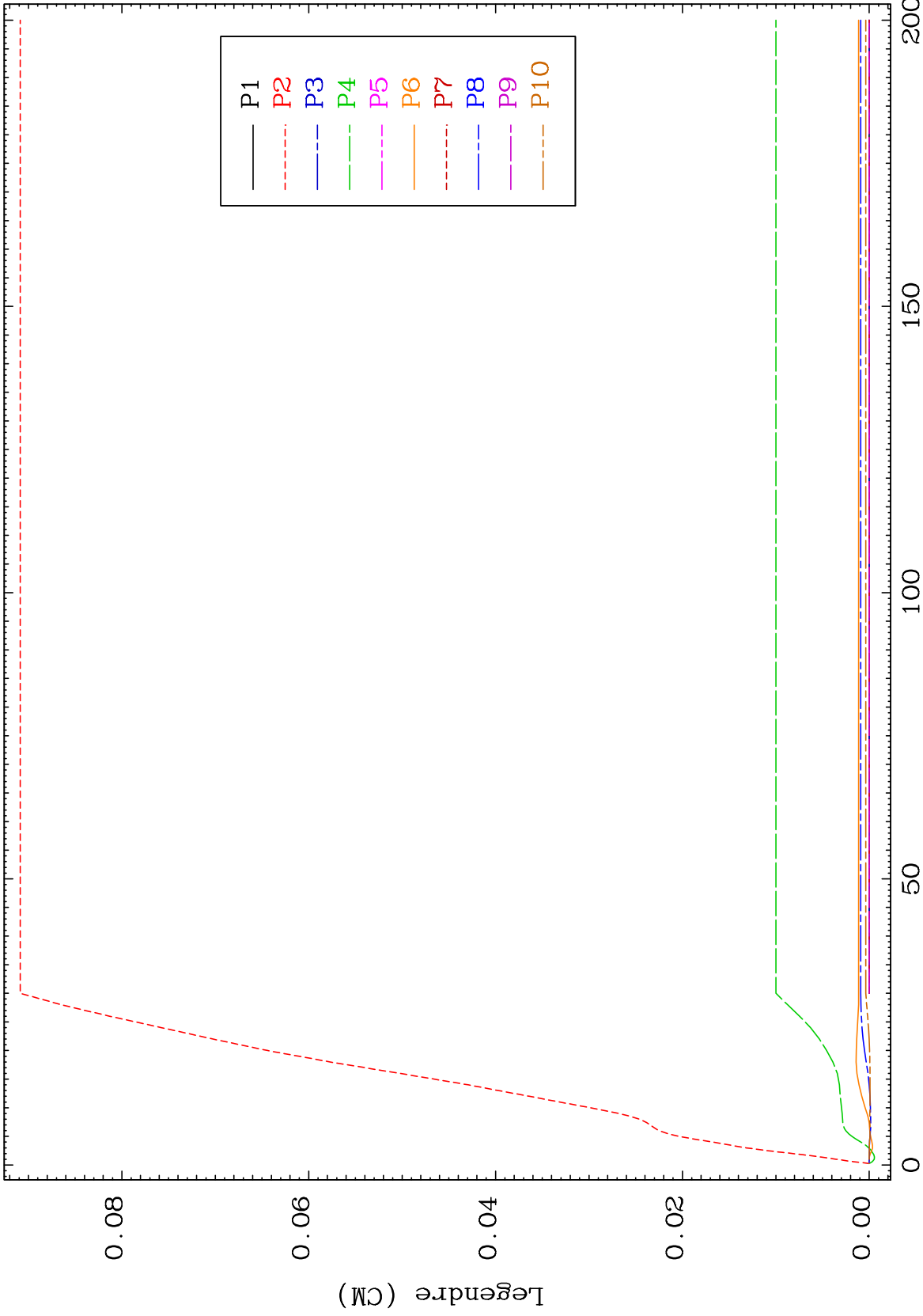
Legendre Coefficients



MAT 7522

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

75-Re-184



42

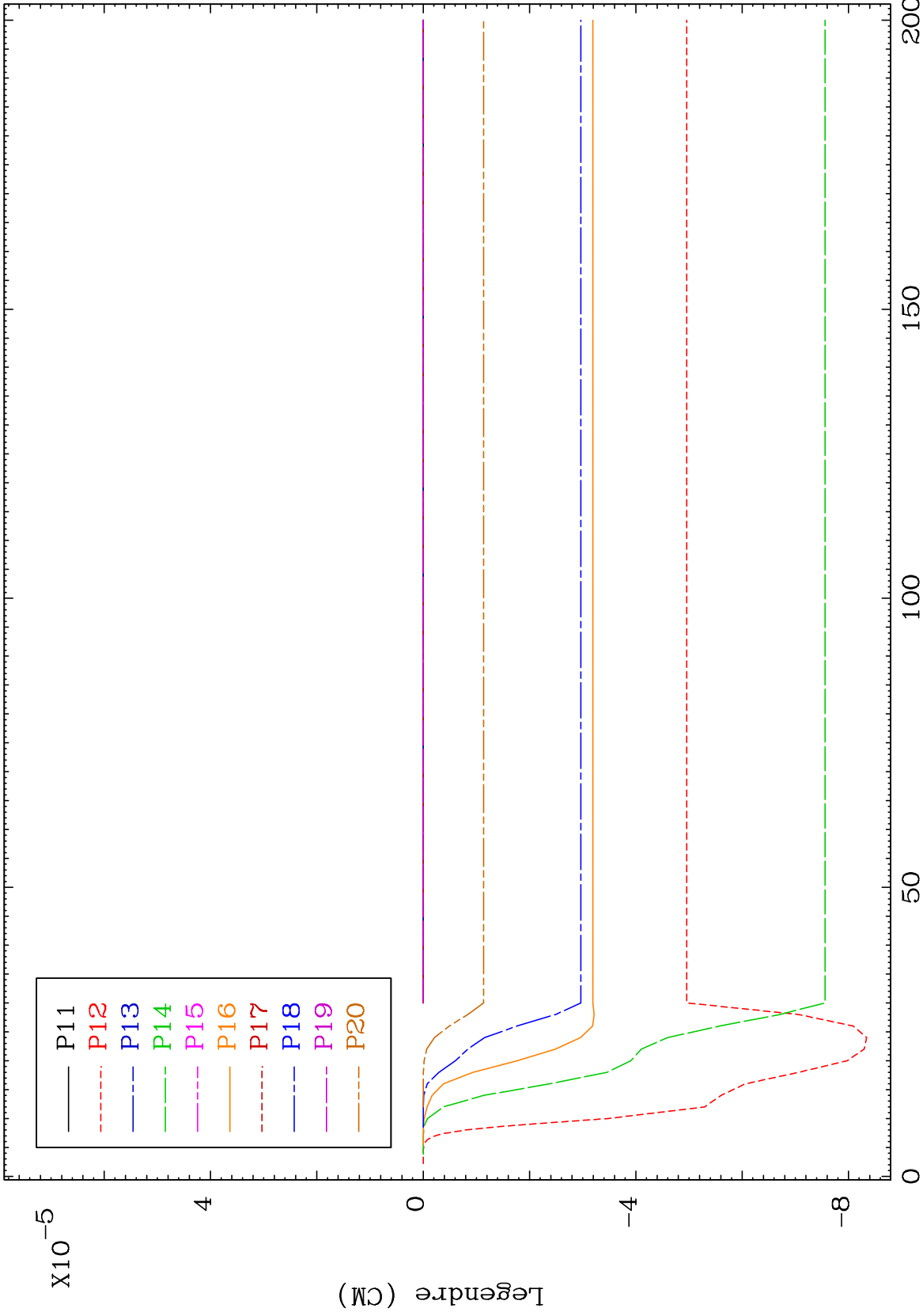
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184

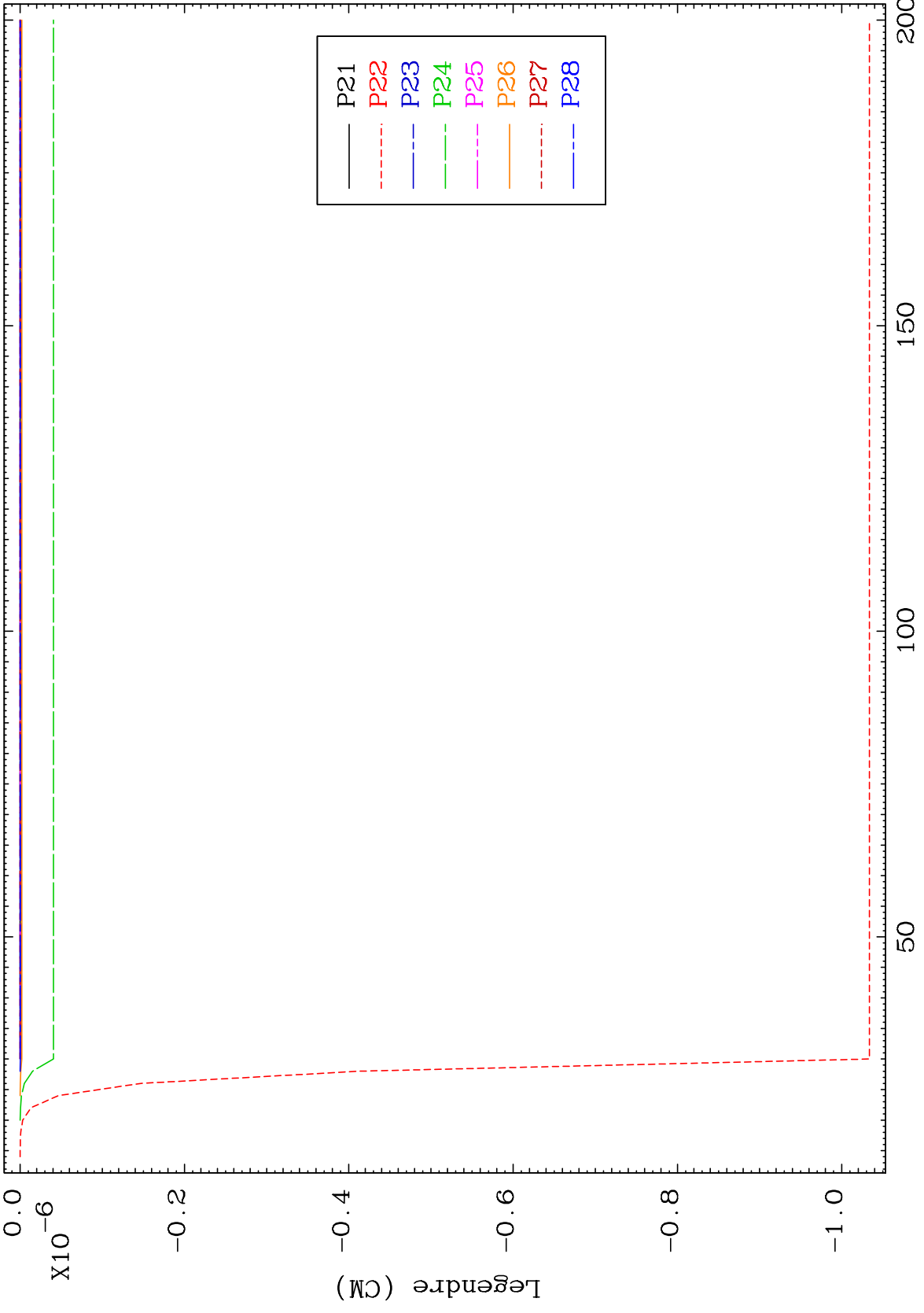


43

Incident Energy (MeV)

75-Re-184

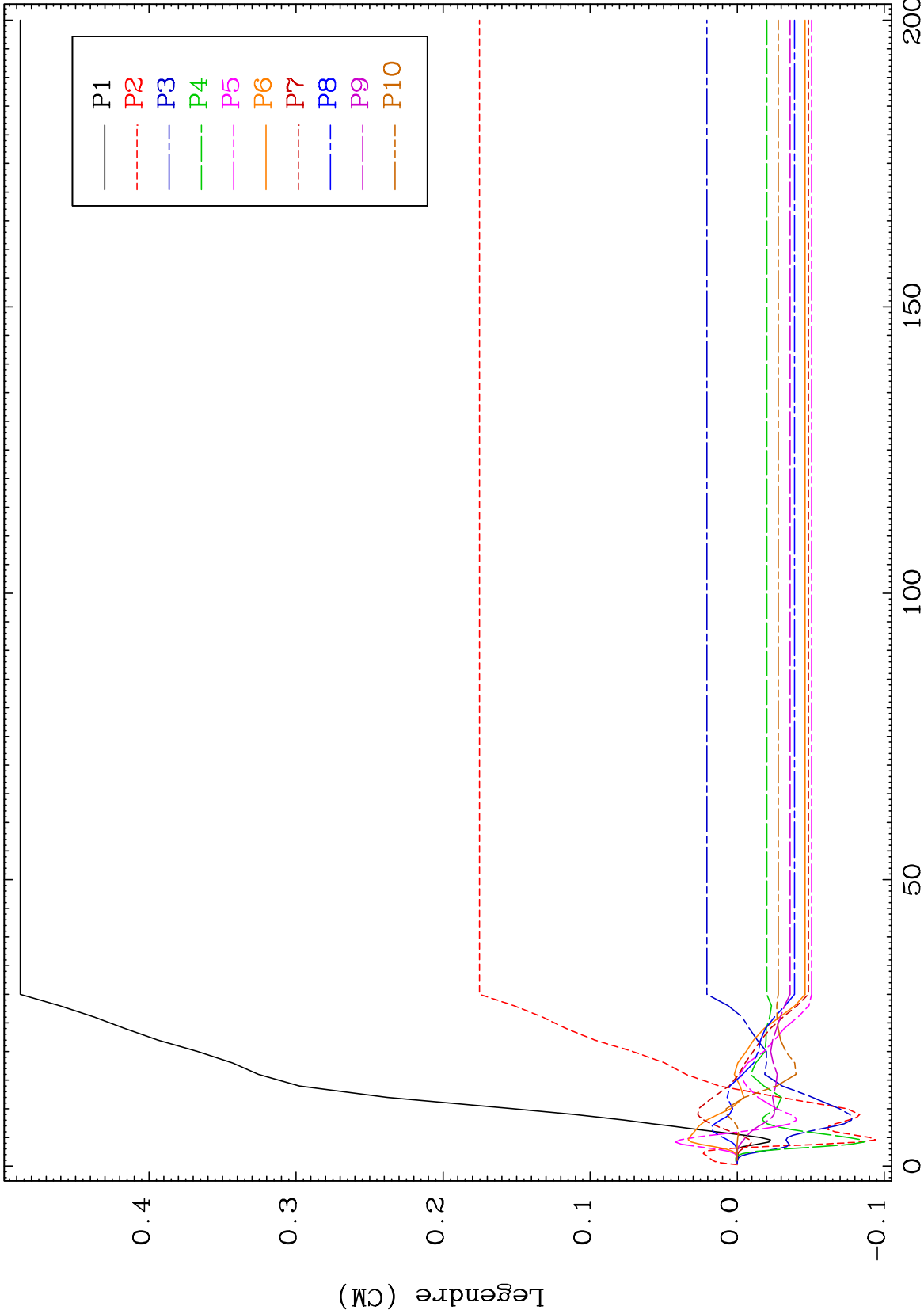
MAT 7522 MT= 57 (n,n') Level Legendre Coefficients 75-Re-184



MAT 7522

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

75-Re-184



75-Re-184

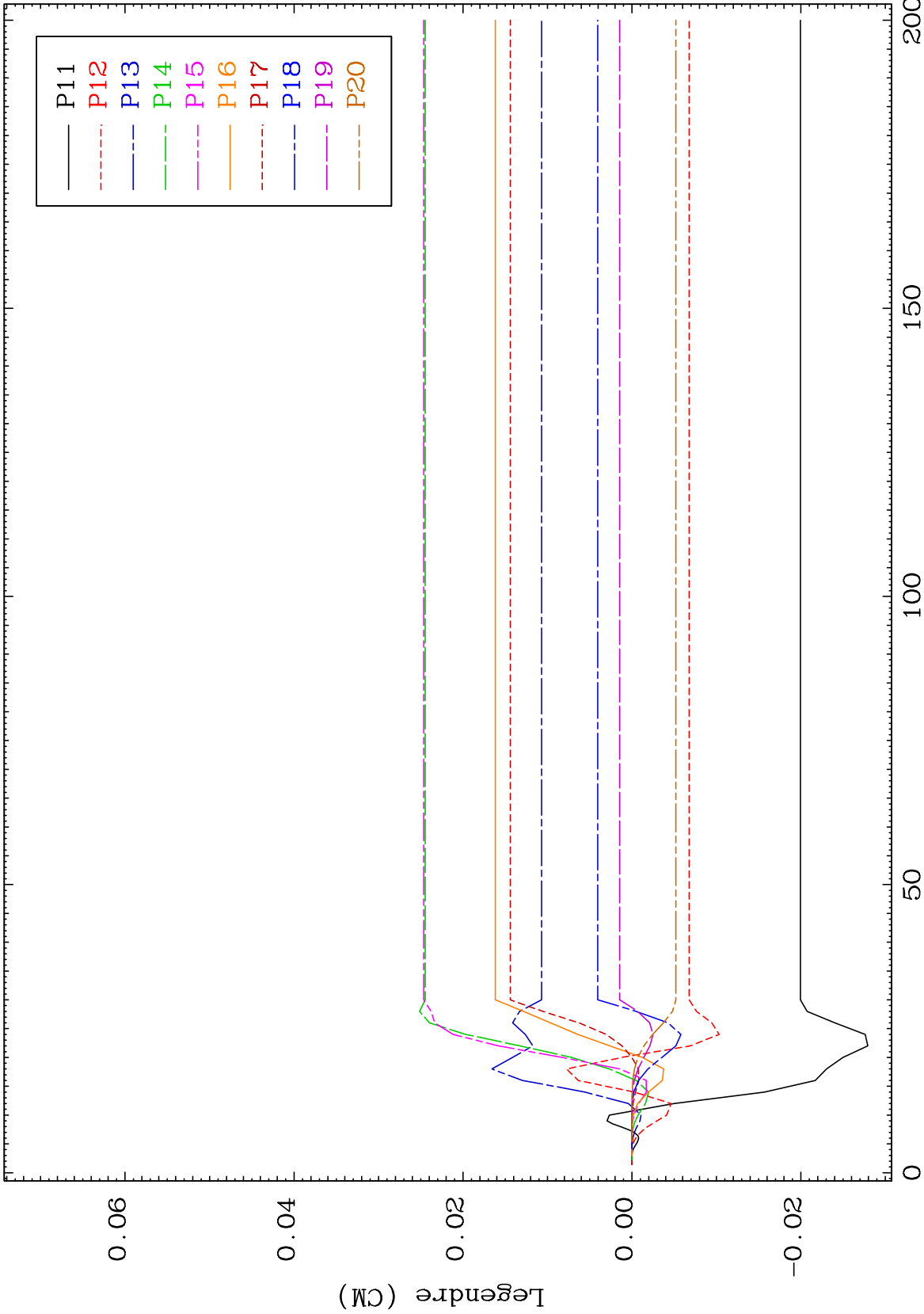
Incident Energy (MeV)

45

MAT 7522

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

75-Re-184

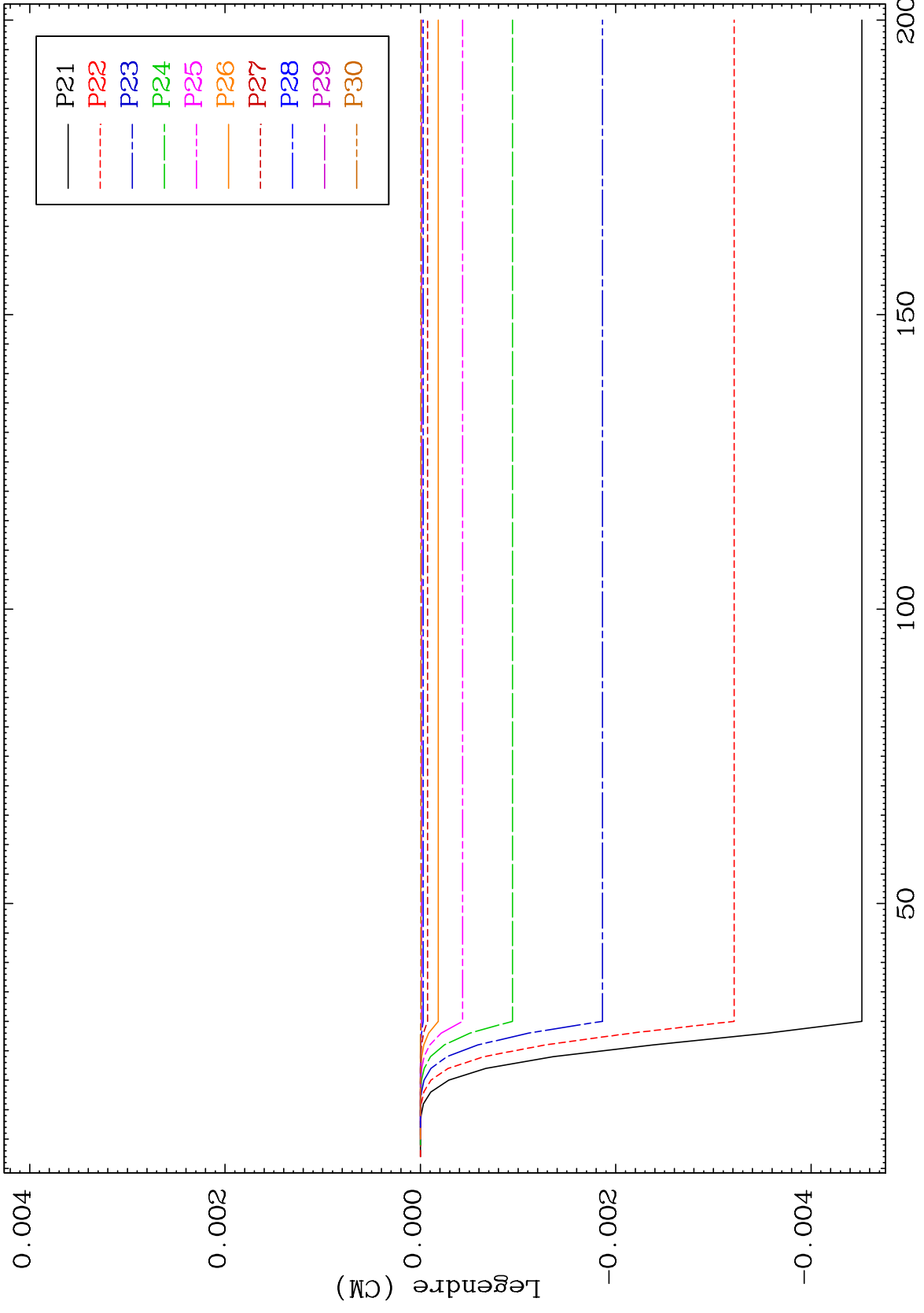


46

Incident Energy (MeV)

75-Re-184

MAT 7522 MT= 58 (n,n') Level Legendre Coefficients 75-Re-184



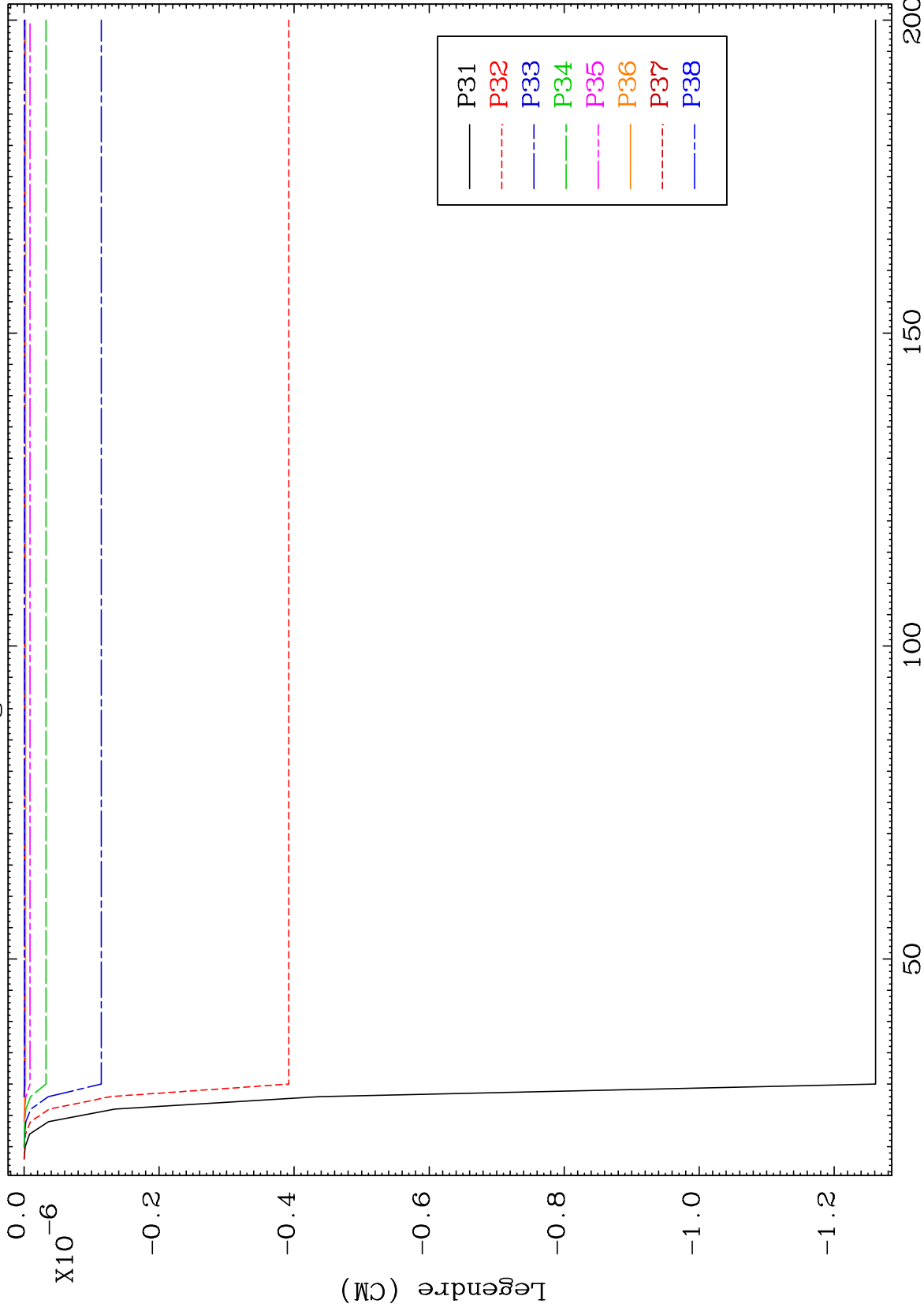
47 75-Re-184



MAT 7522

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

75-Re-184



75-Re-184

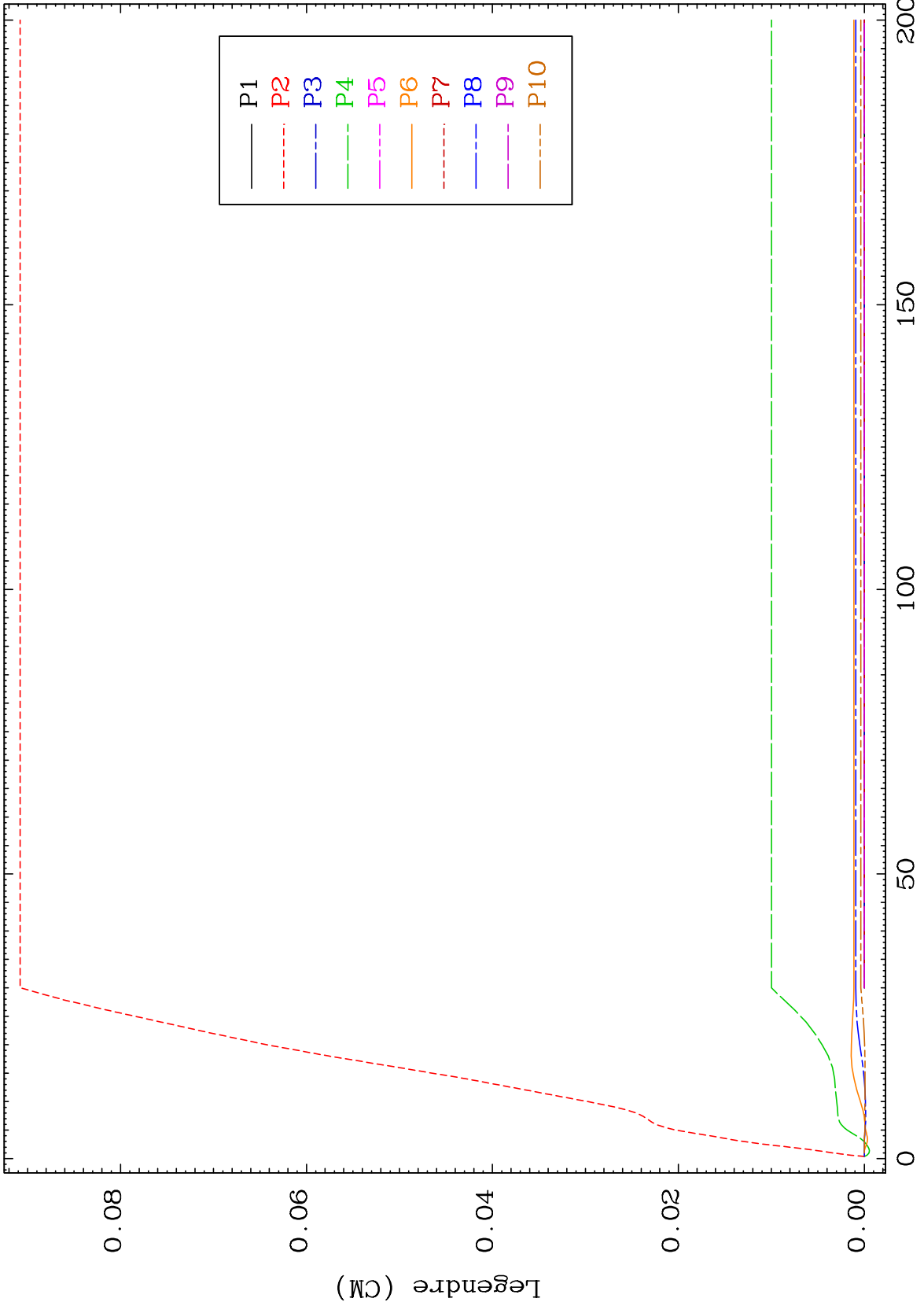
Incident Energy (MeV)

48

MAT 7522

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

75-Re-184



49

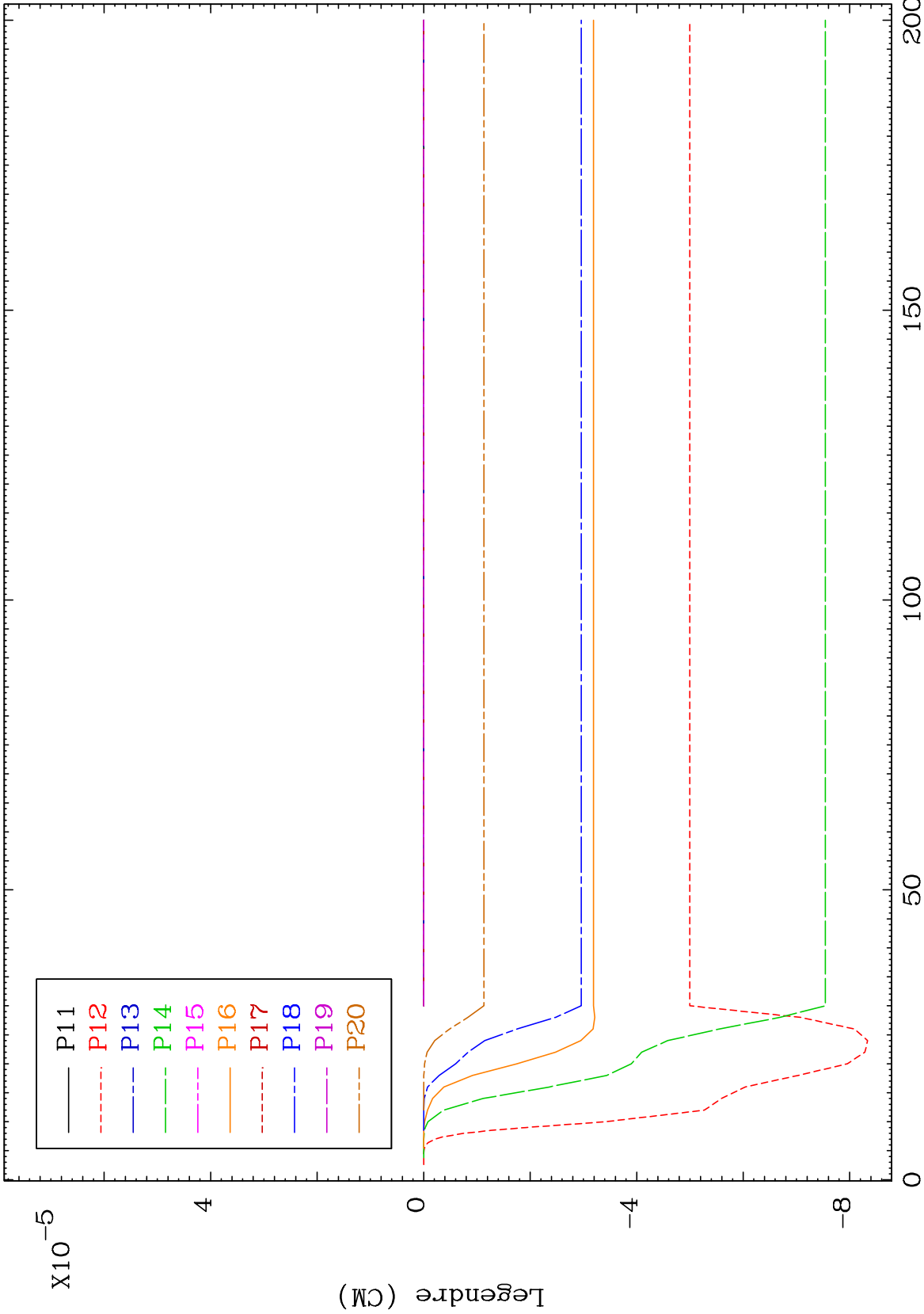
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



50

Incident Energy (MeV)

150

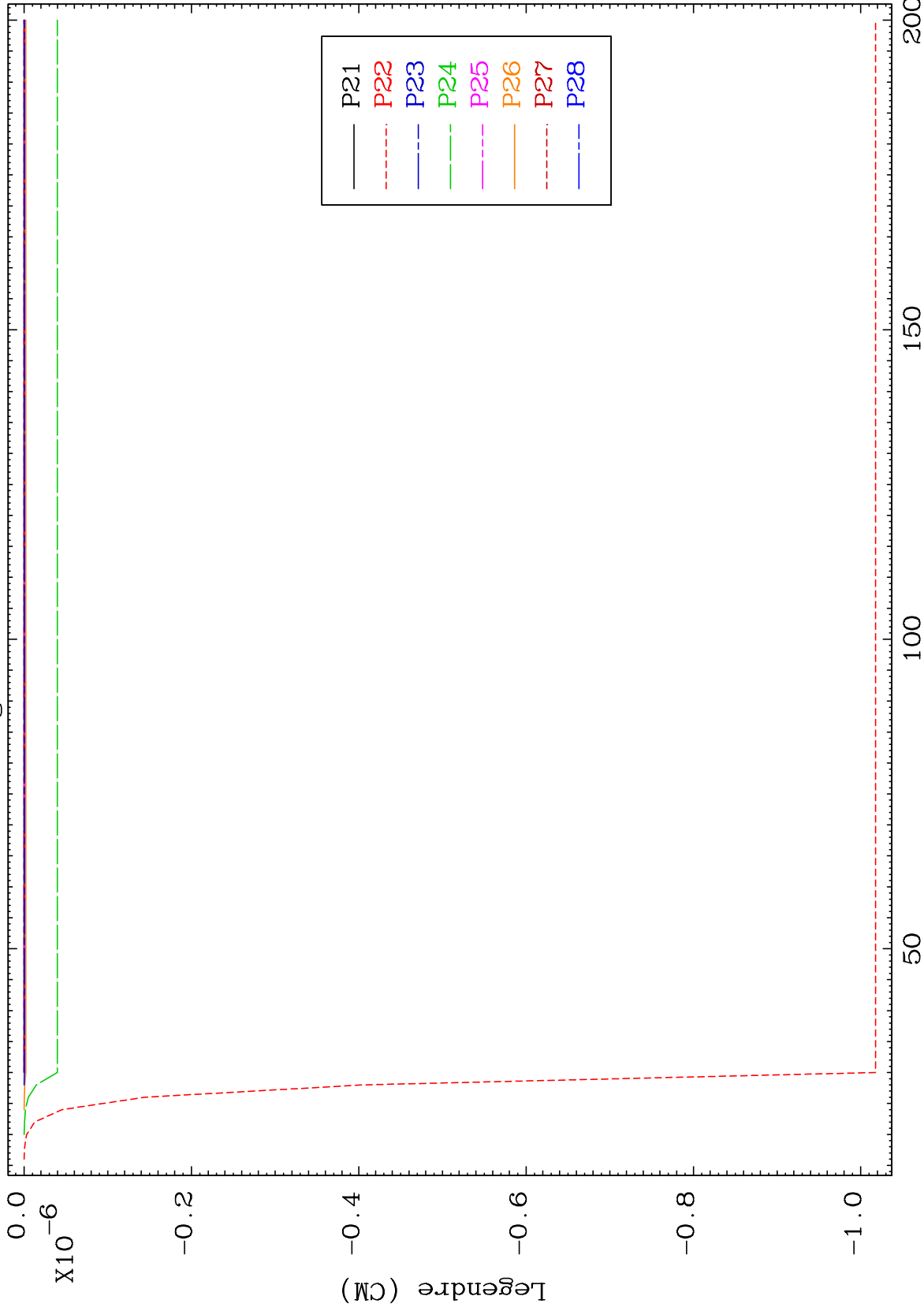
75-Re-184

200

MAT 7522

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

75-Re-184



51

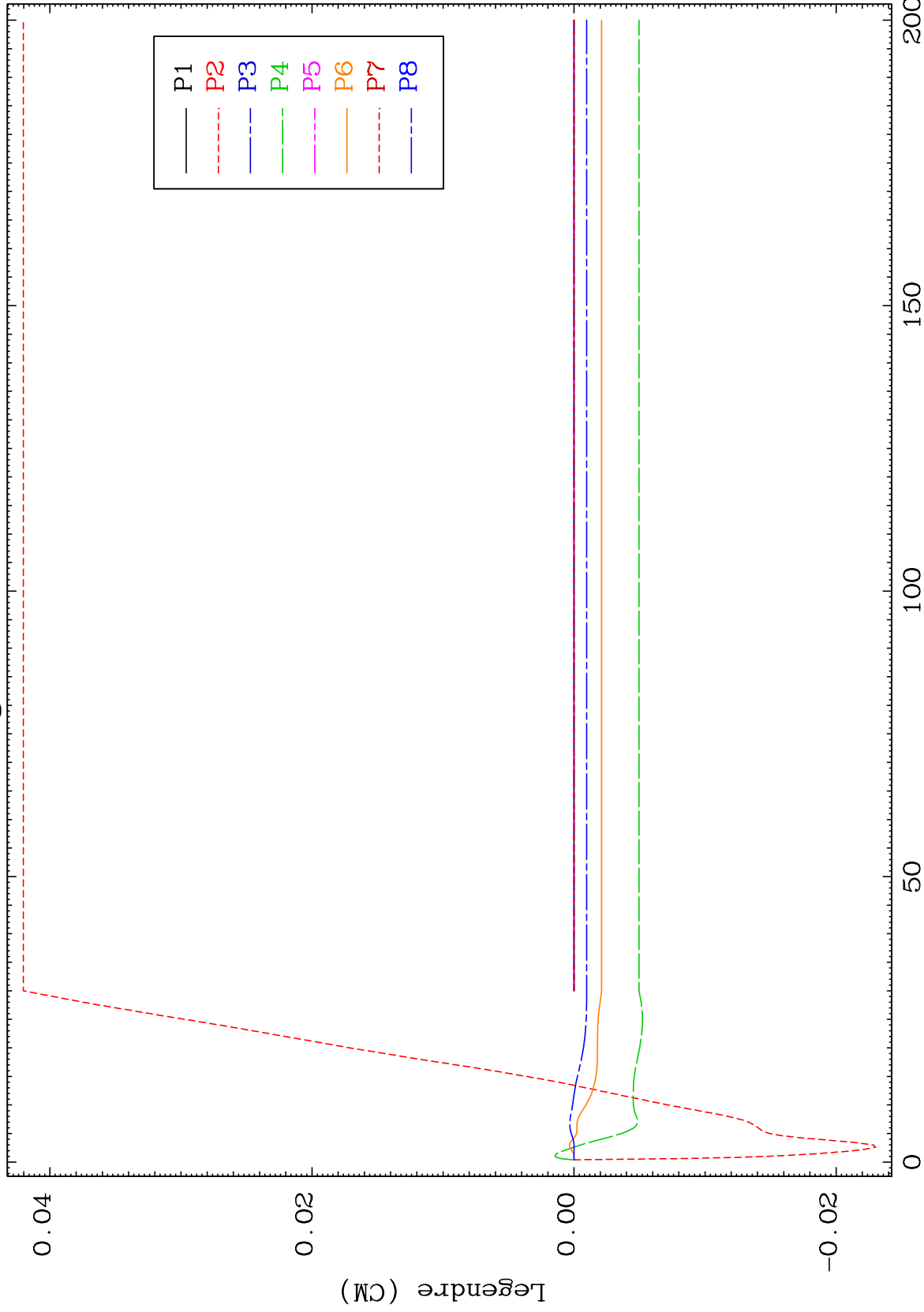
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



52

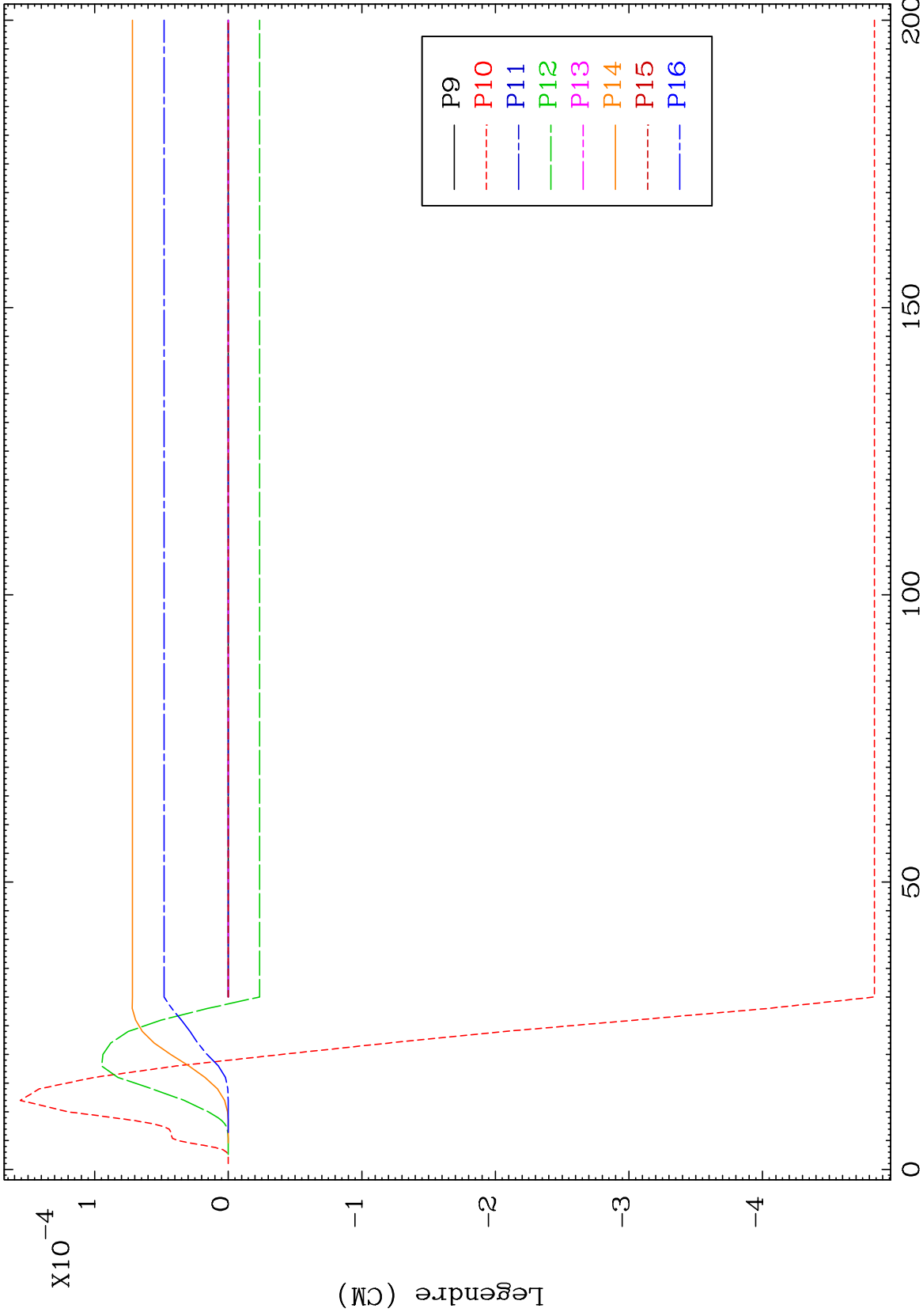
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184

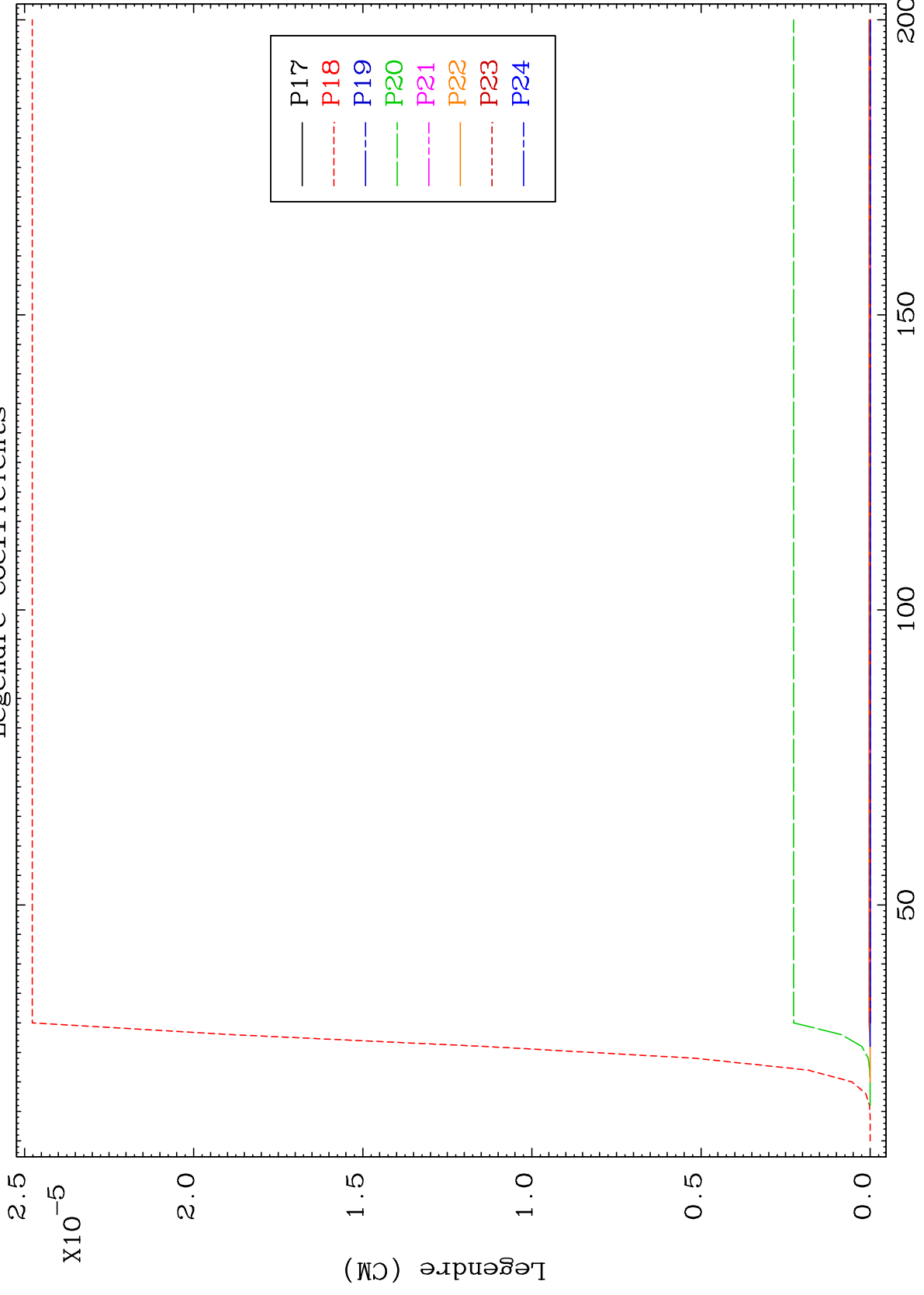


53

Incident Energy (MeV)

75-Re-184

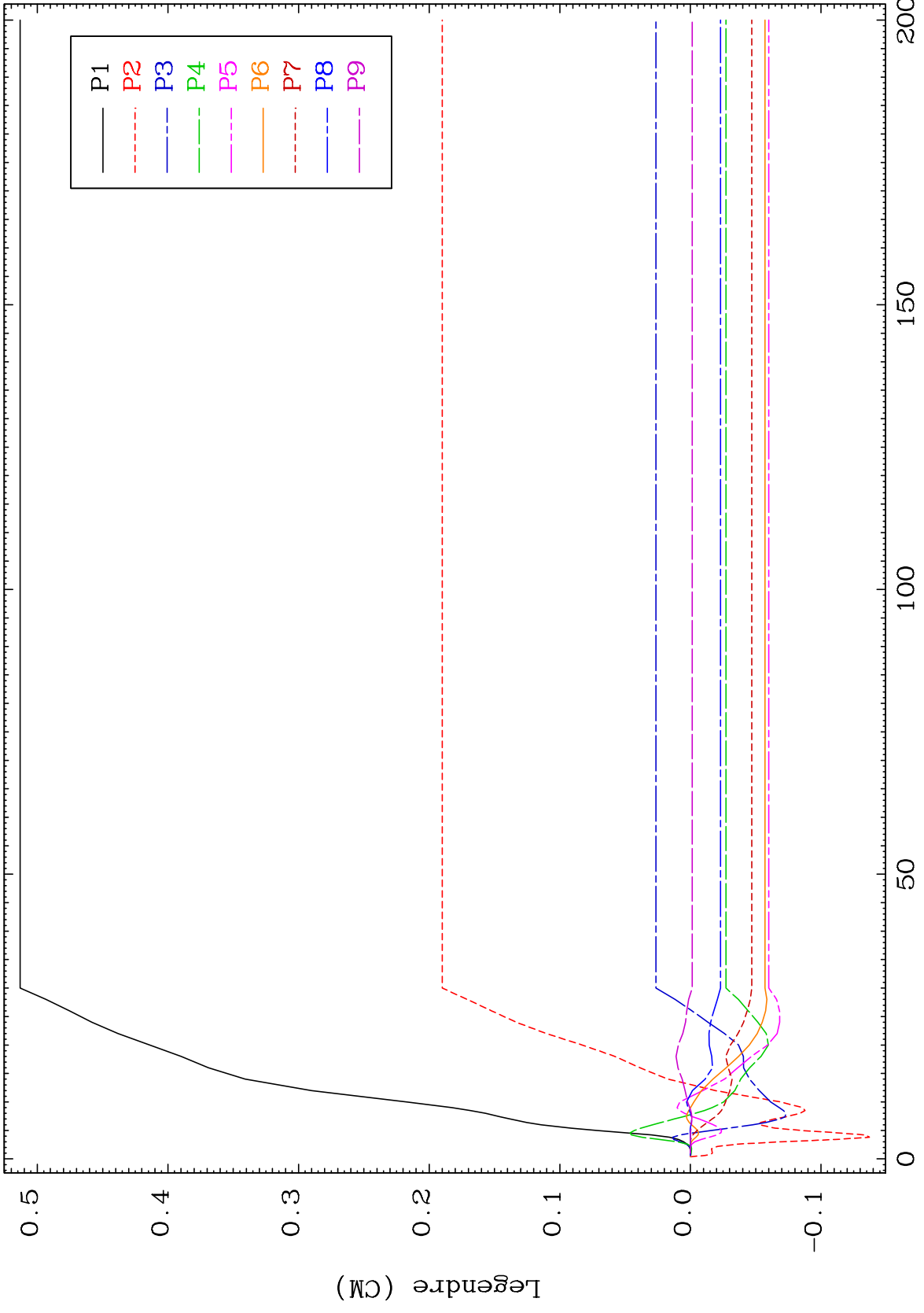
MAT 7522 MT= 60 (n,n') Level Legendre Coefficients 75-Re-184



MAT 7522

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

75-Re-184



75-Re-184

Incident Energy (MeV)

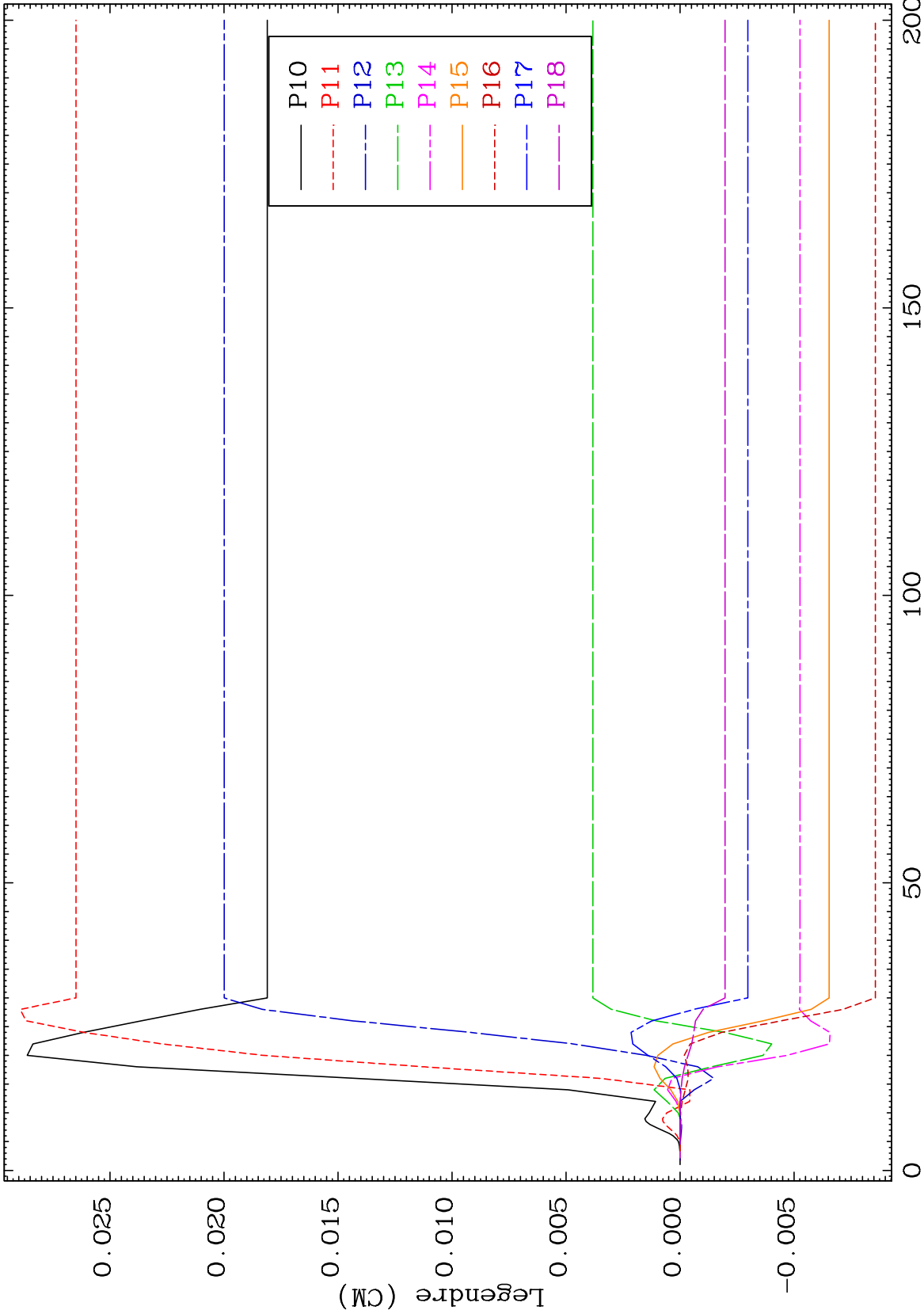
55



MAT 7522

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

75-Re-184



56

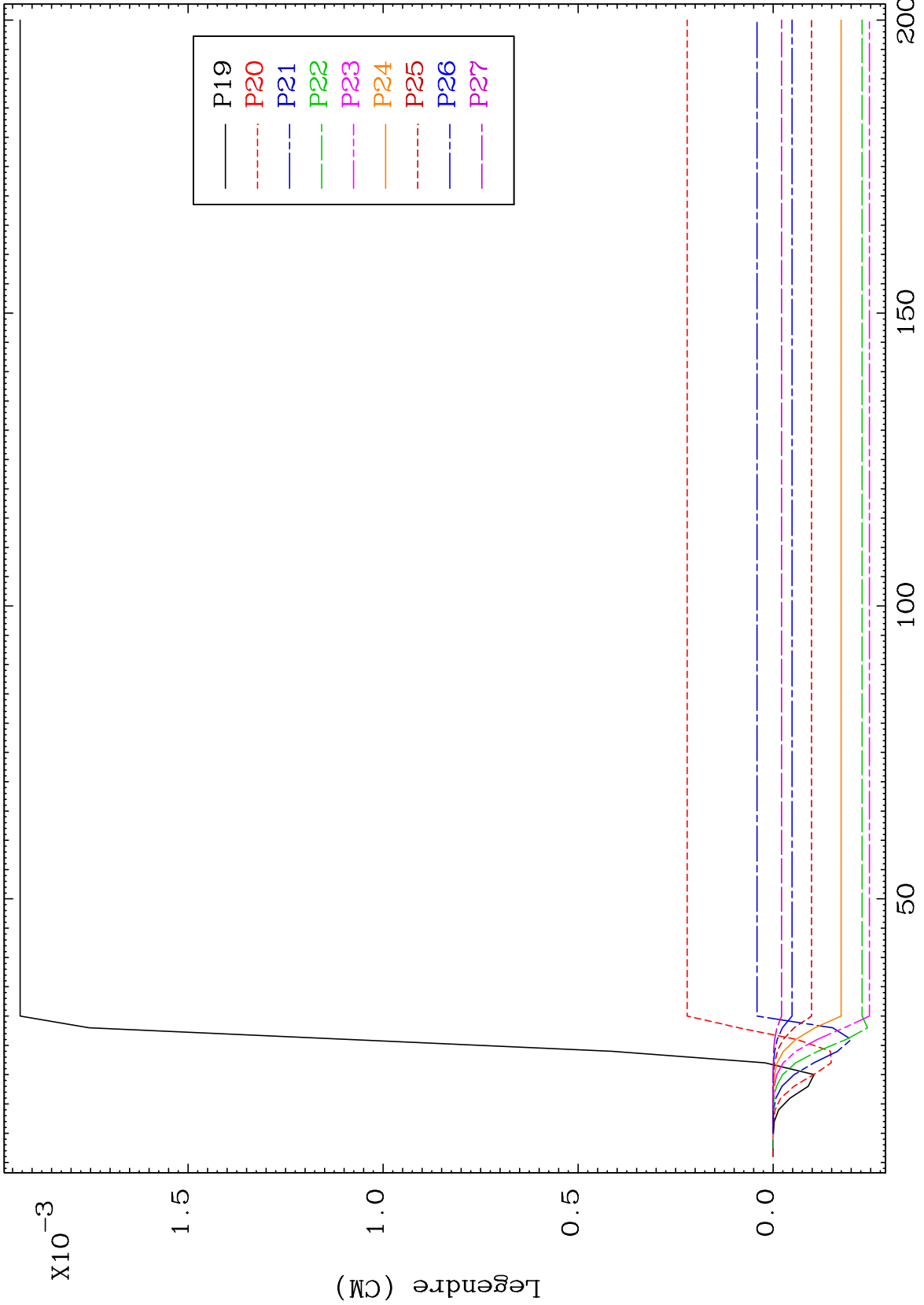
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



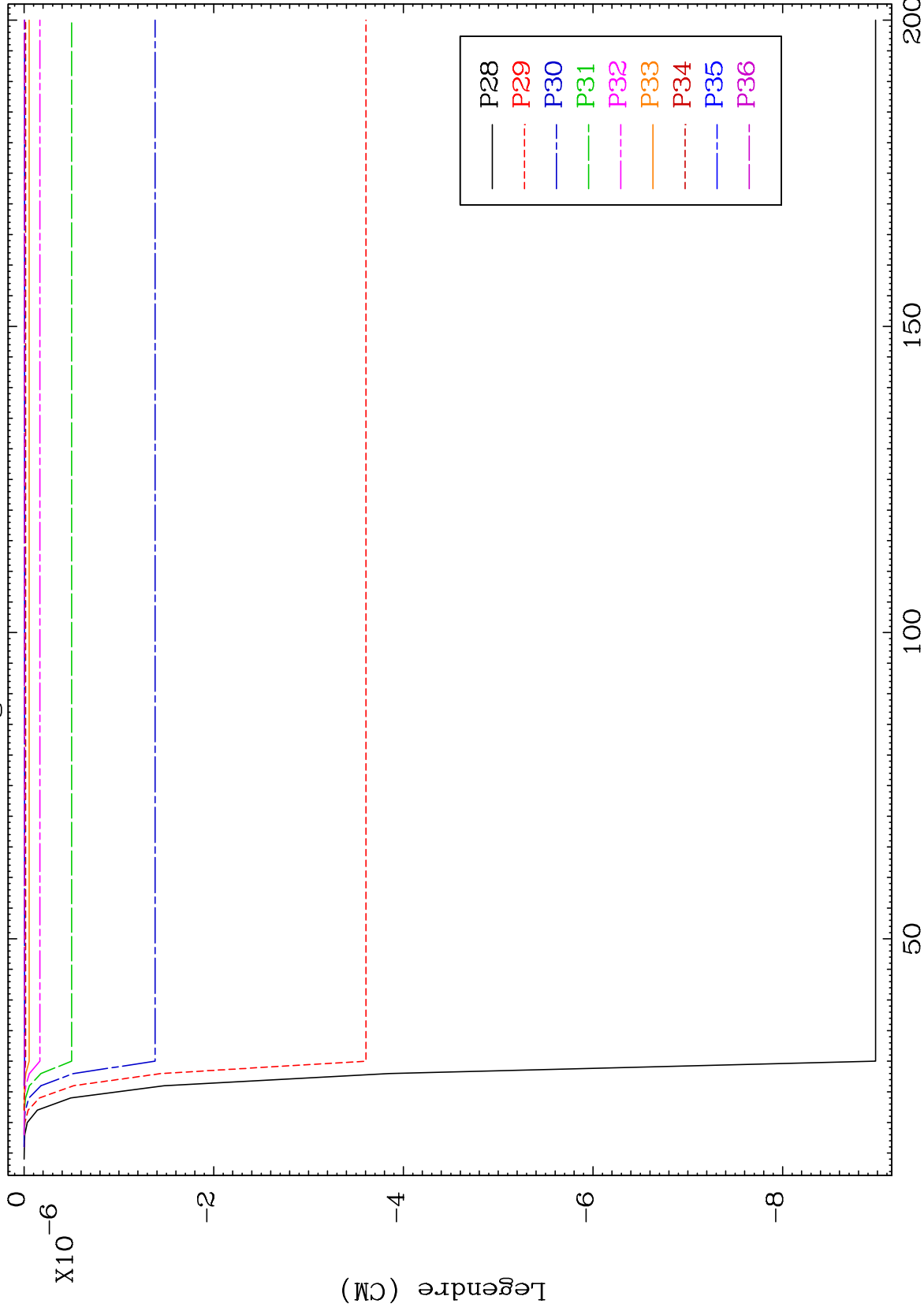
57

Incident Energy (MeV)

75-Re-184

MAT 7522 MT= 61 (n,n') Level 75-Re-184

Legendre Coefficients



58

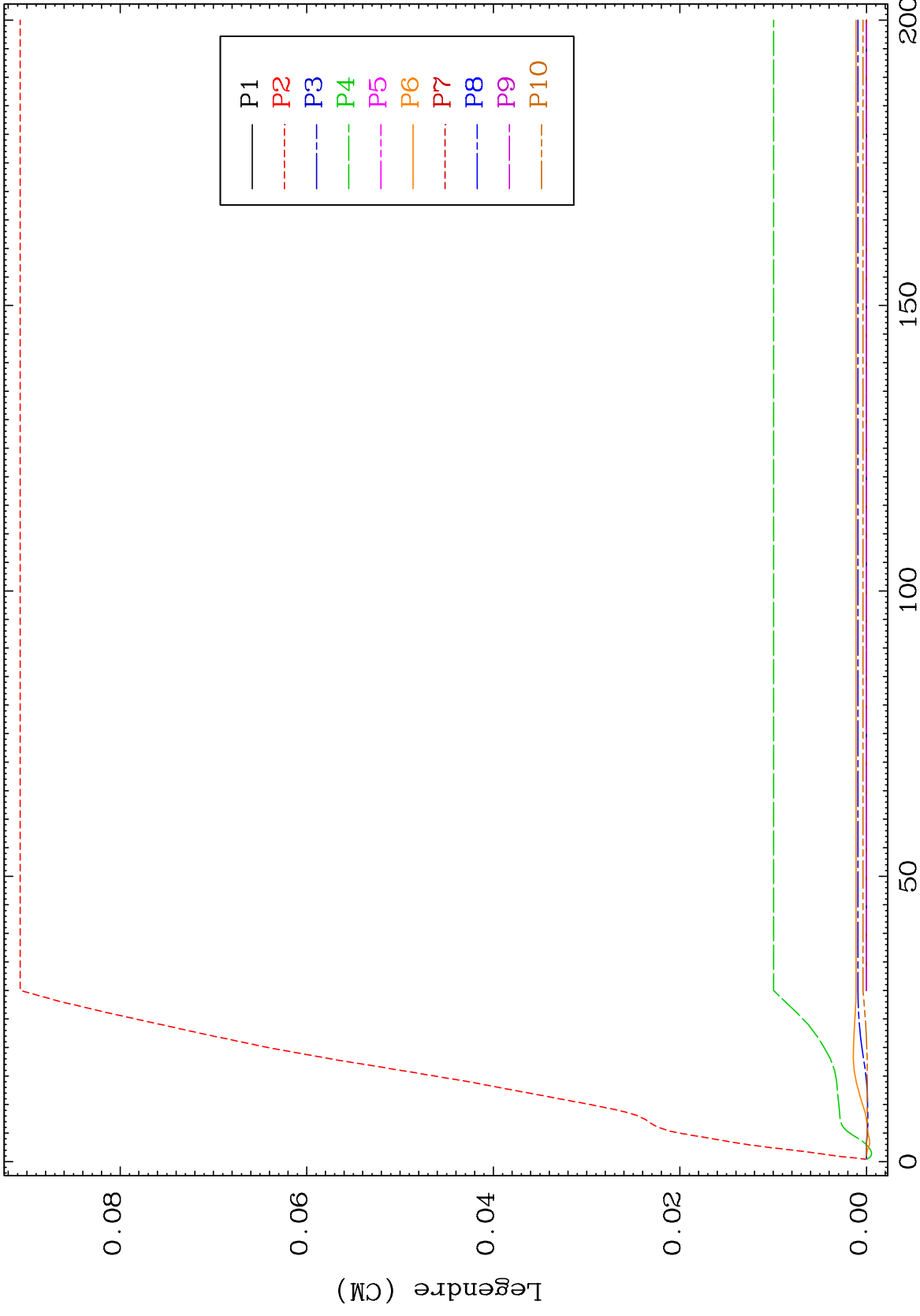
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



59

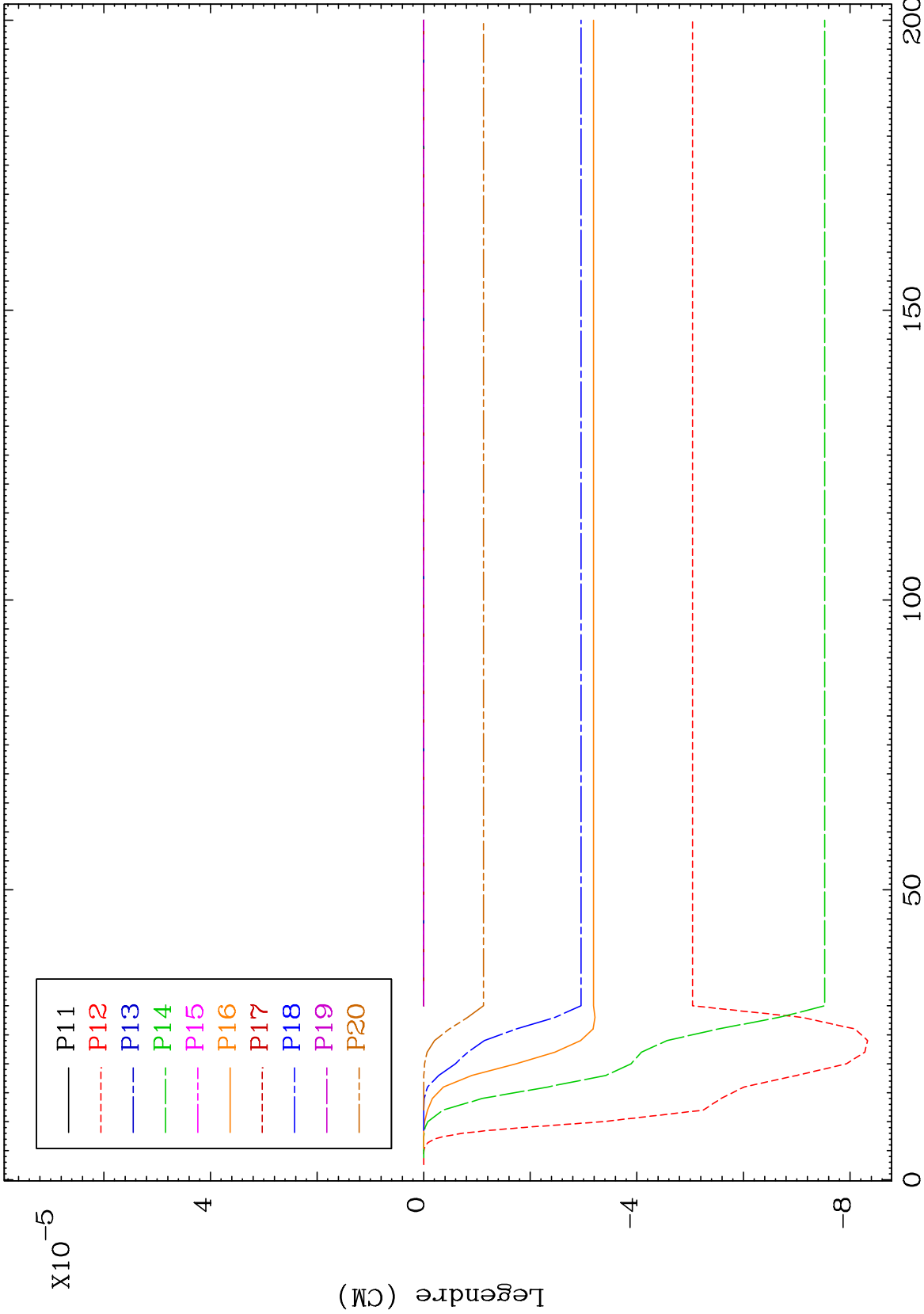
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



60

Incident Energy (MeV)

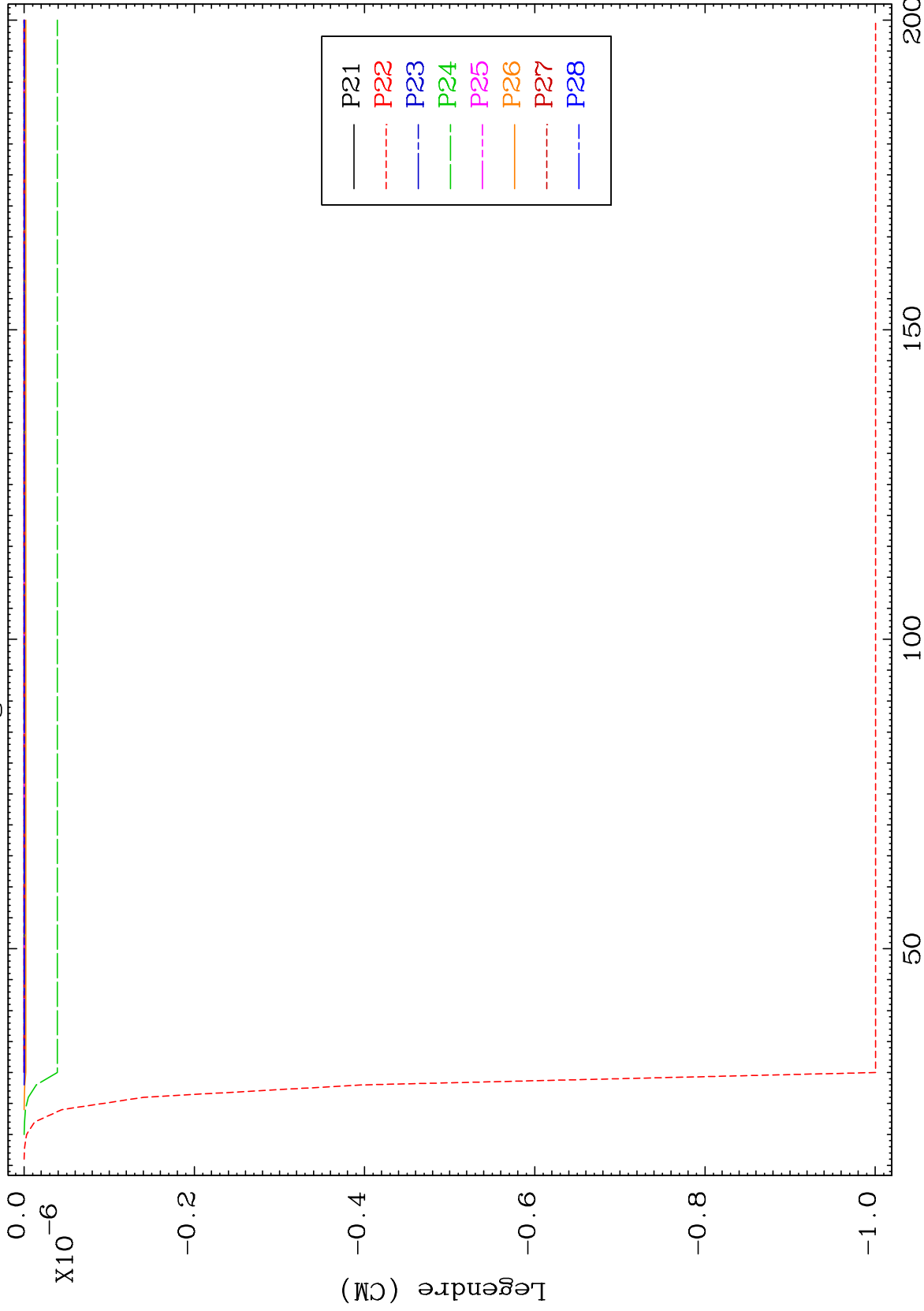
150

75-Re-184

MAT 7522

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

75-Re-184



61

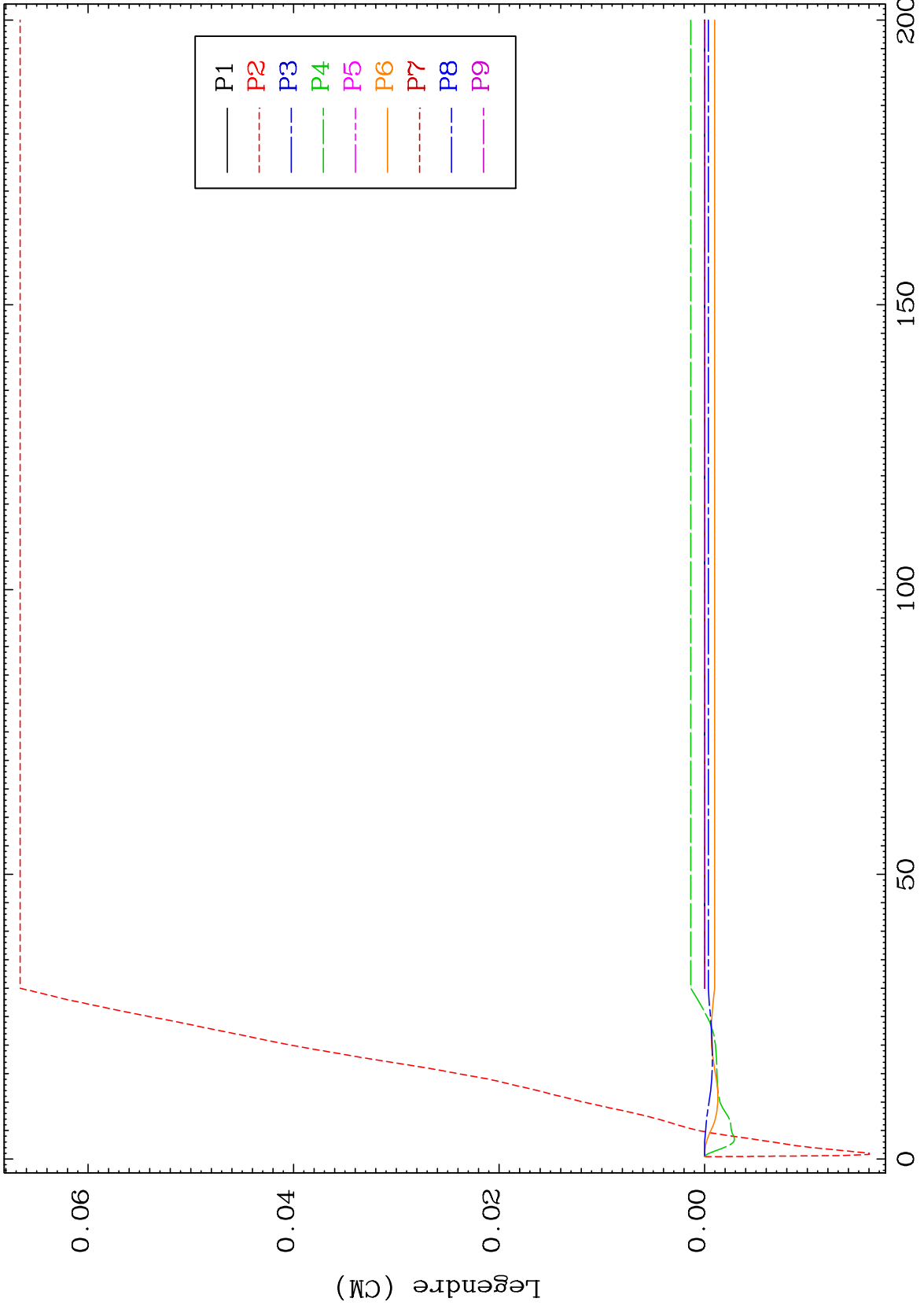
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



62

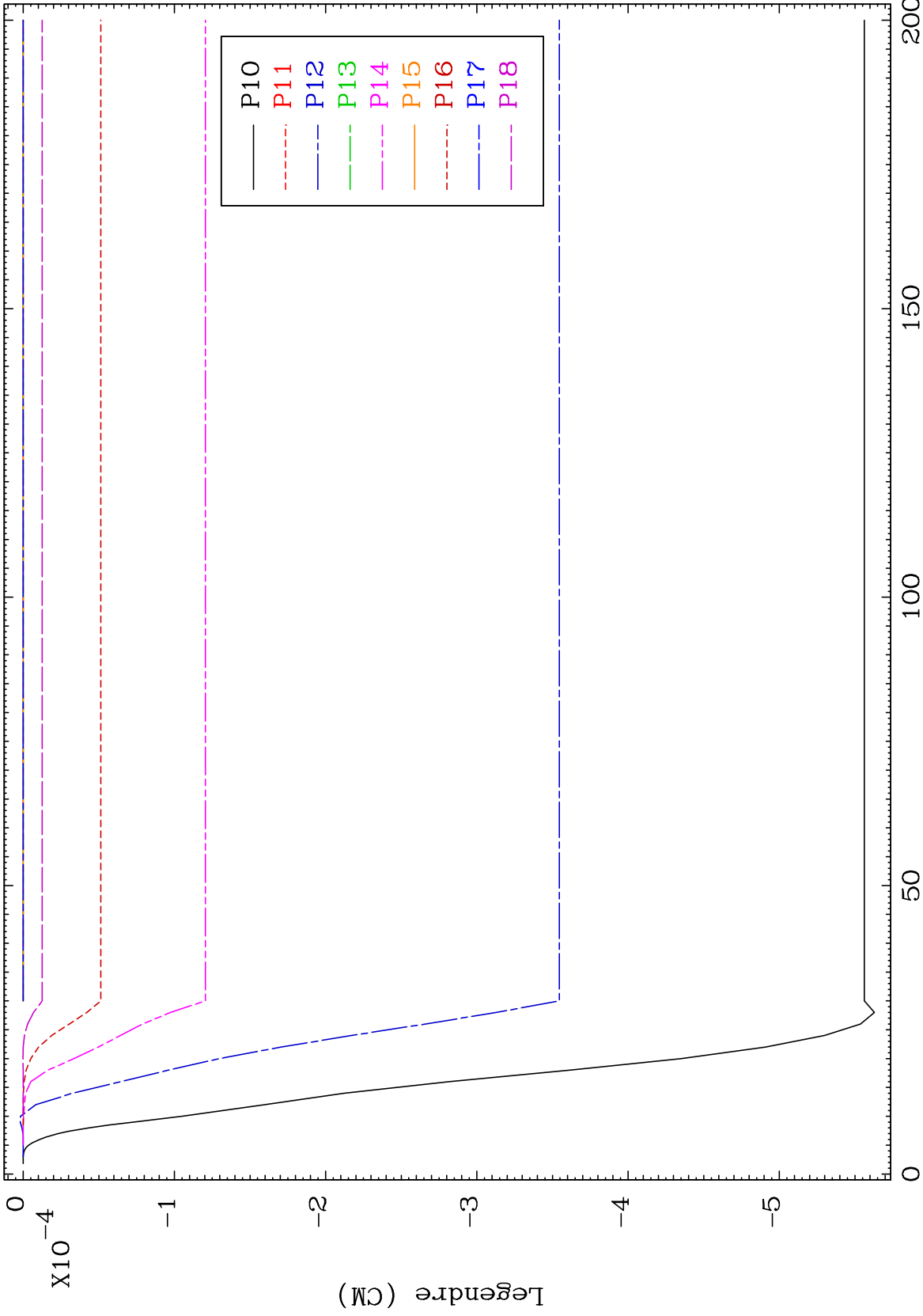
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



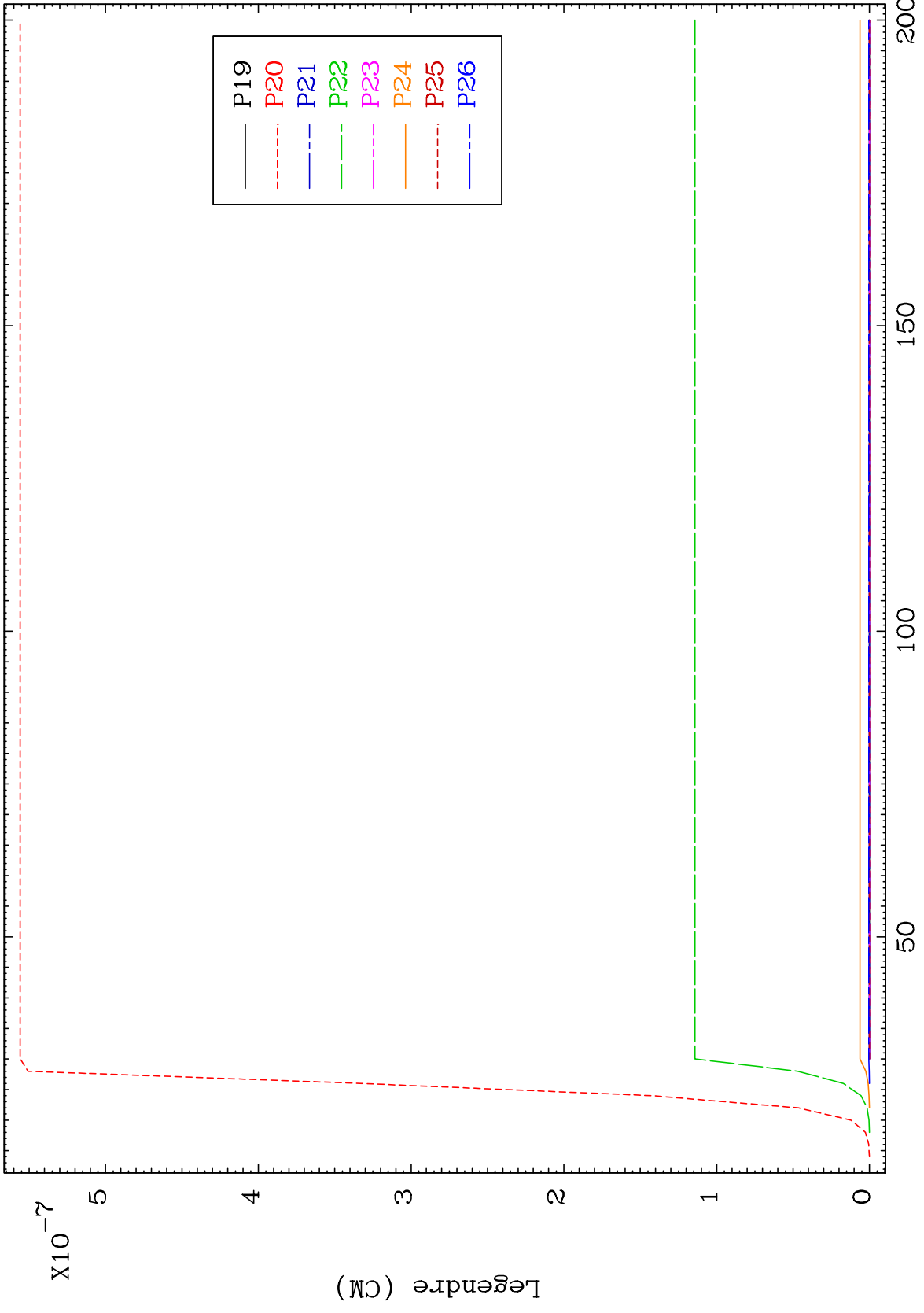
75-Re-184

Incident Energy (MeV)

63



MAT 7522 MT= 63 (n,n') Level Legendre Coefficients 75-Re-184

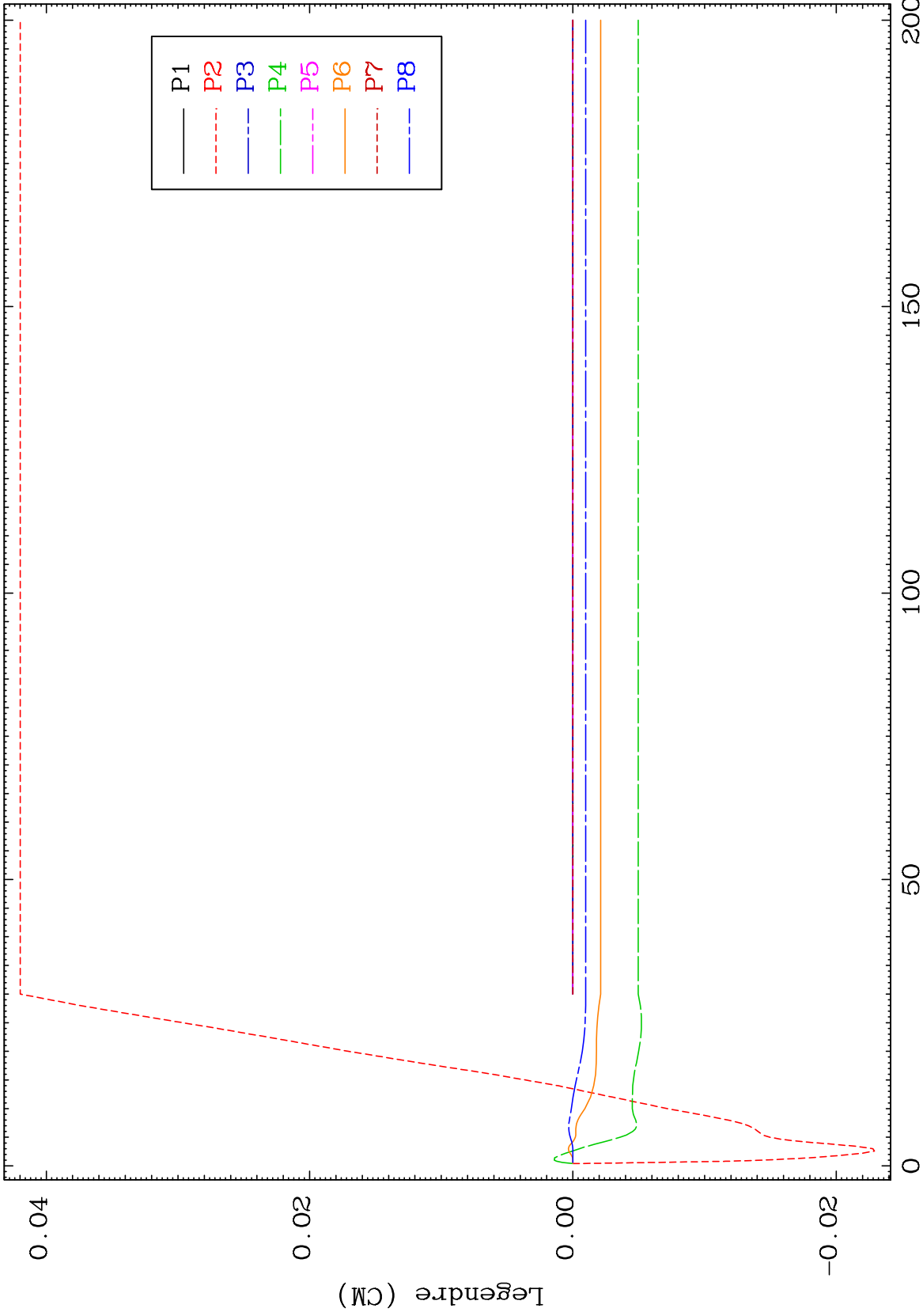


64 75-Re-184

MAT 7522

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

75-Re-184



65

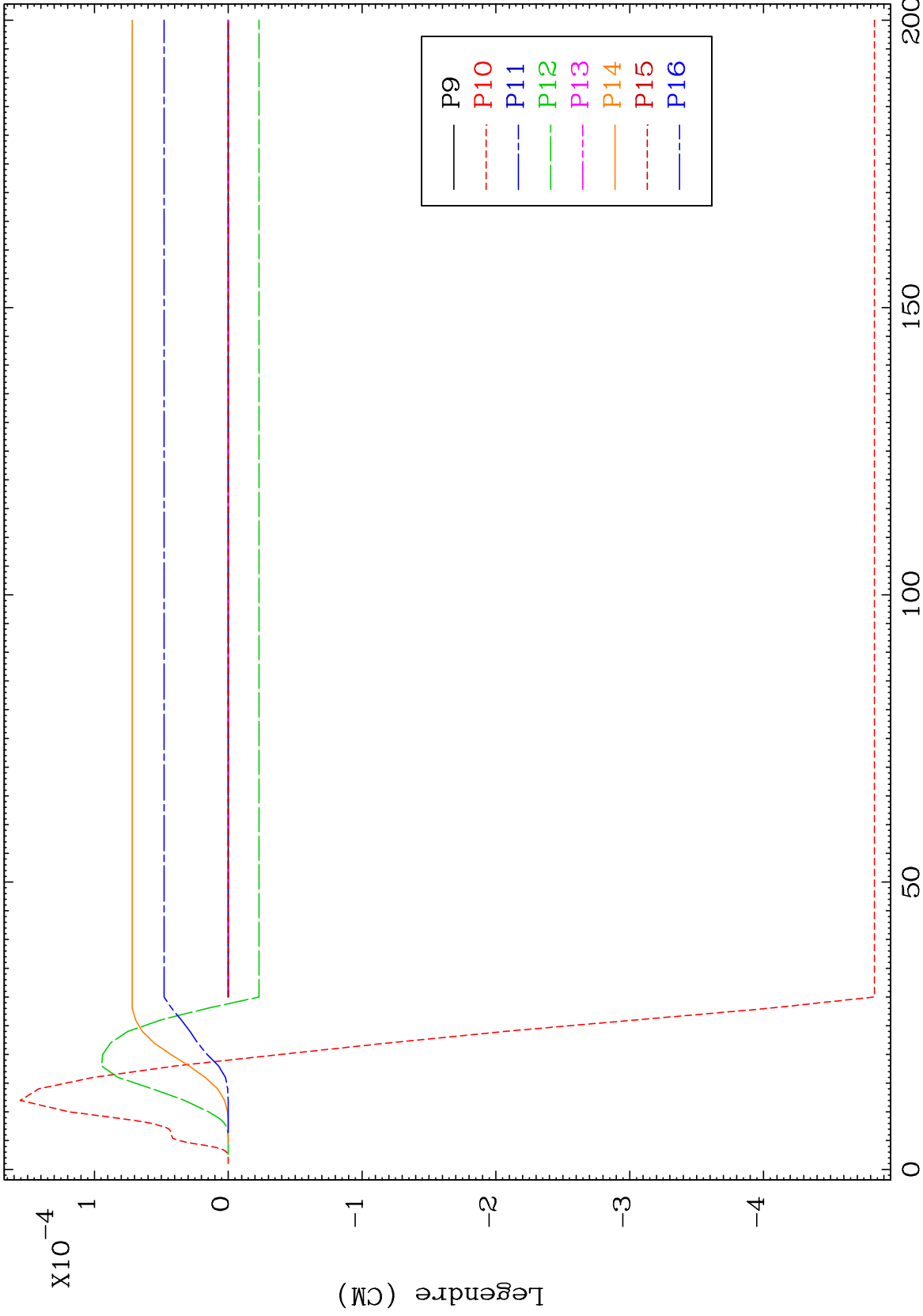
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



66

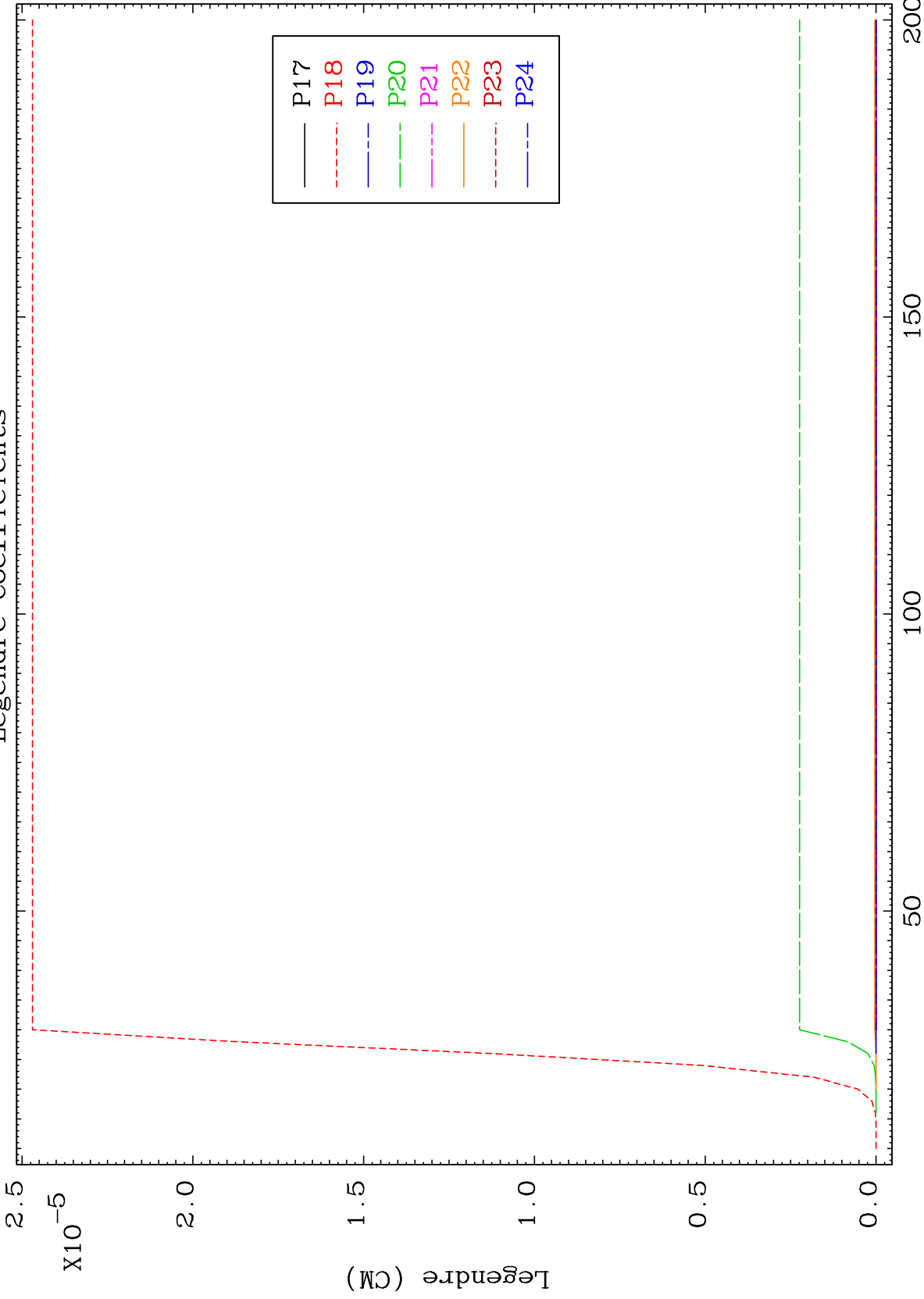
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



67

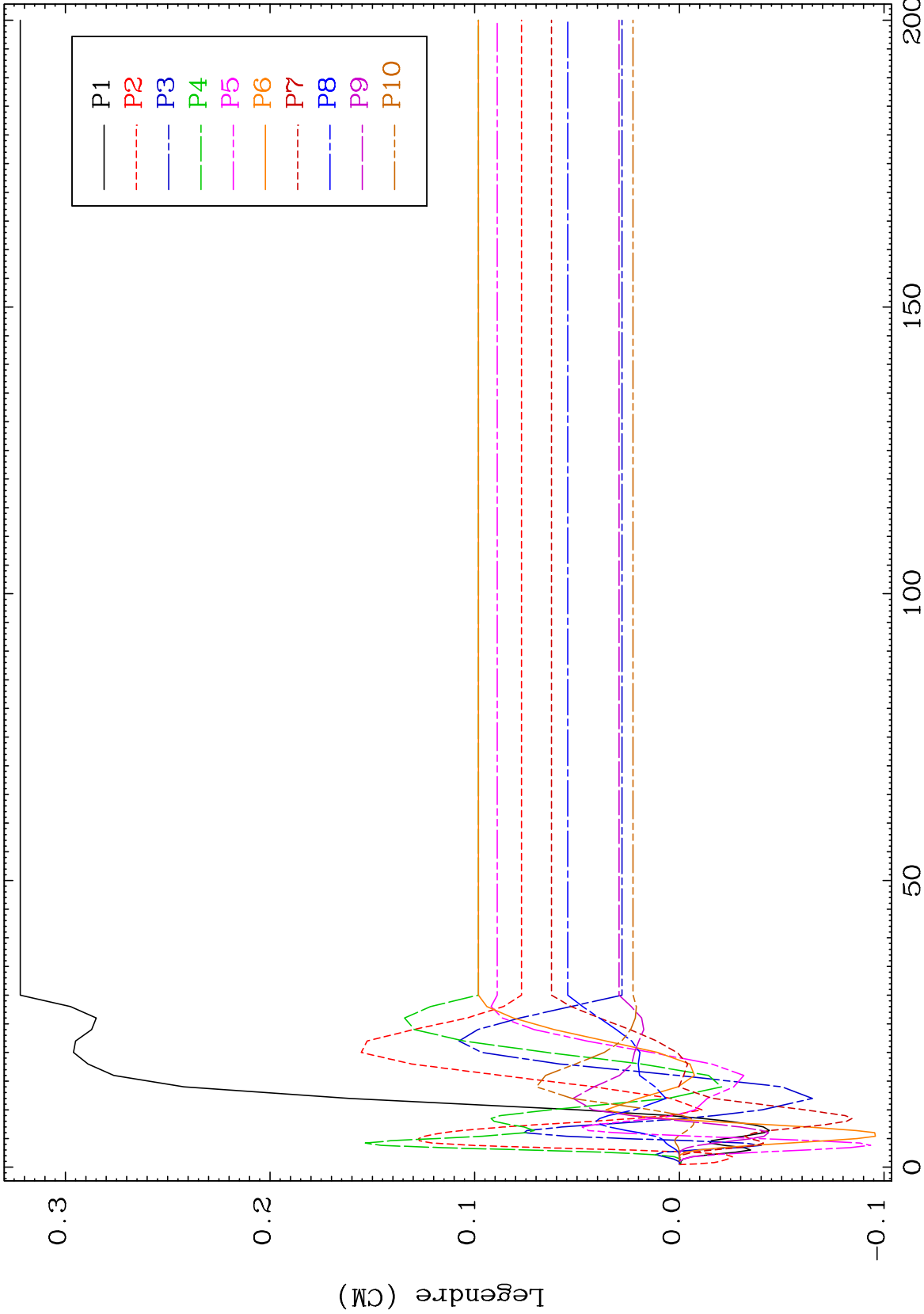
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



68

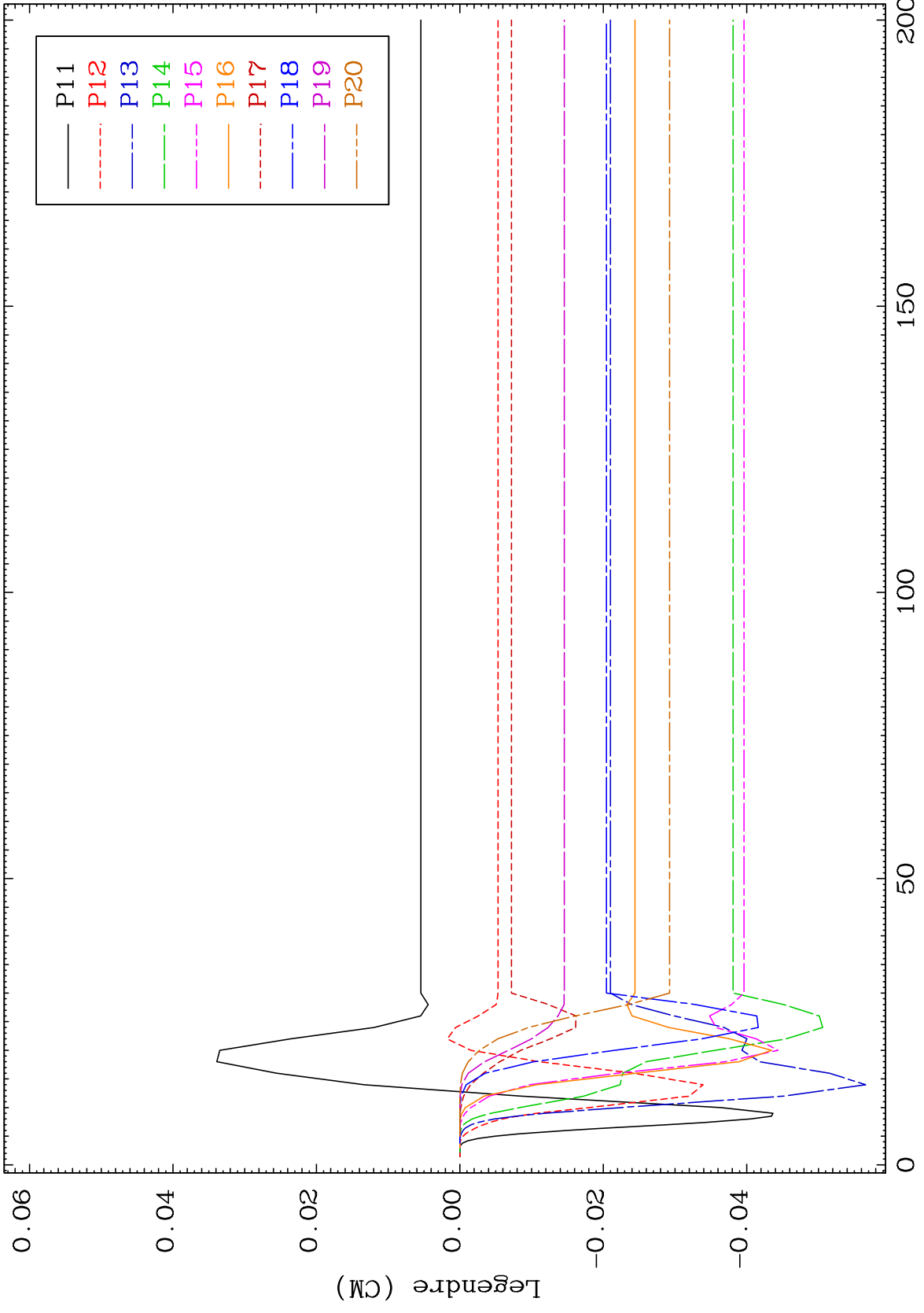
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



69

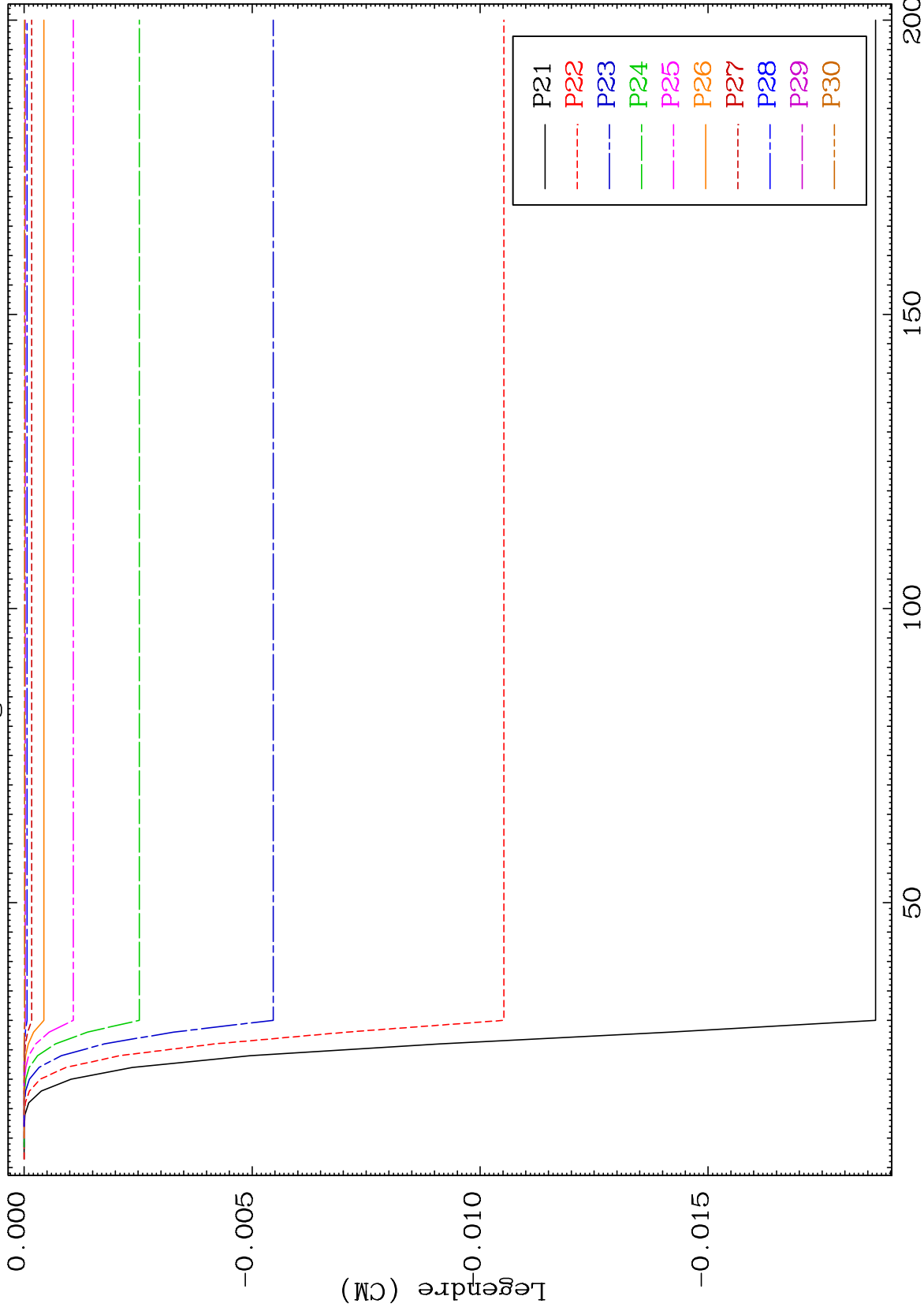
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



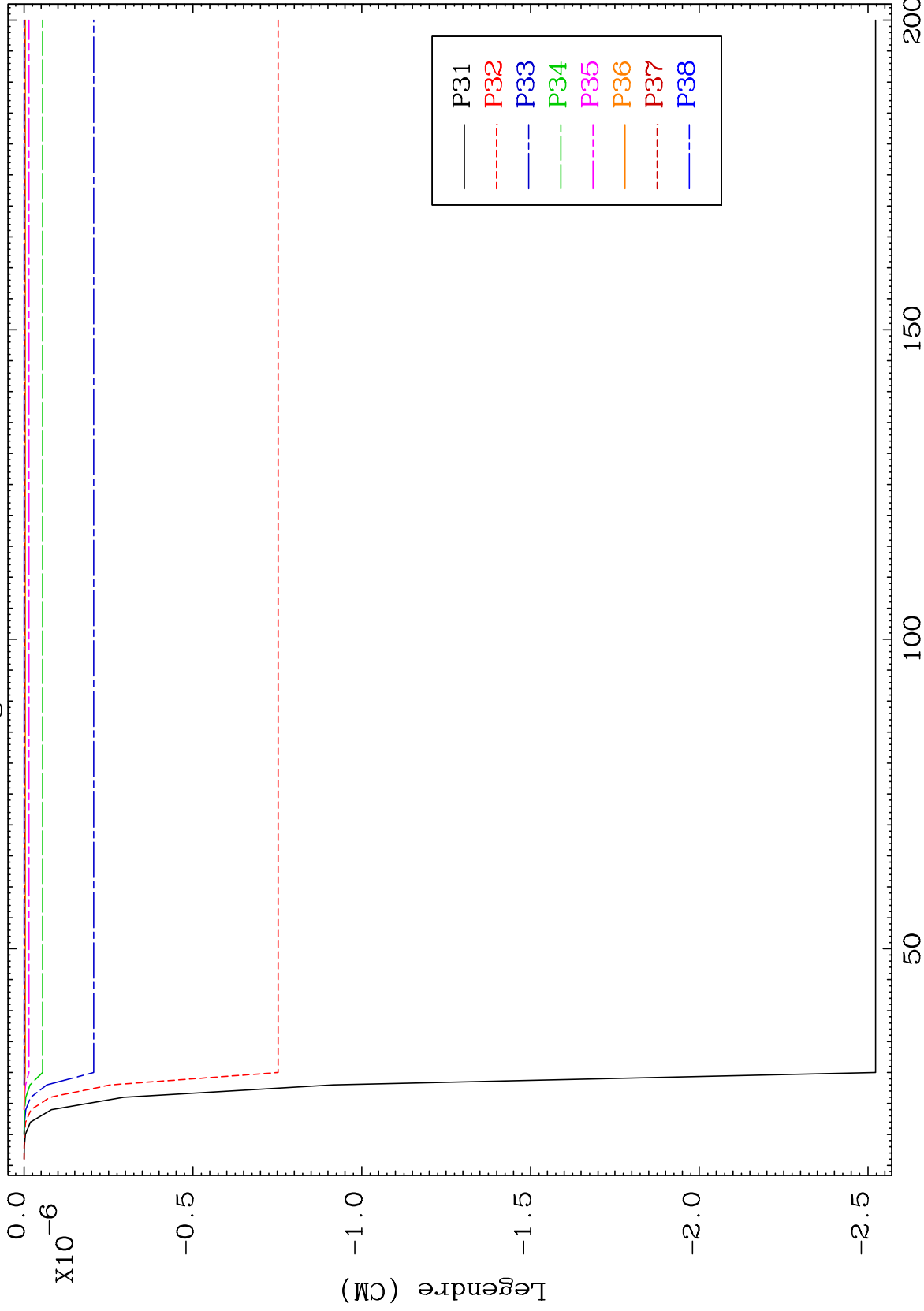
75-Re-184

Incident Energy (MeV)

70

MAT 7522 MT= 65 (n,n') Level 75-Re-184

Legendre Coefficients



75-Re-184

Incident Energy (MeV)

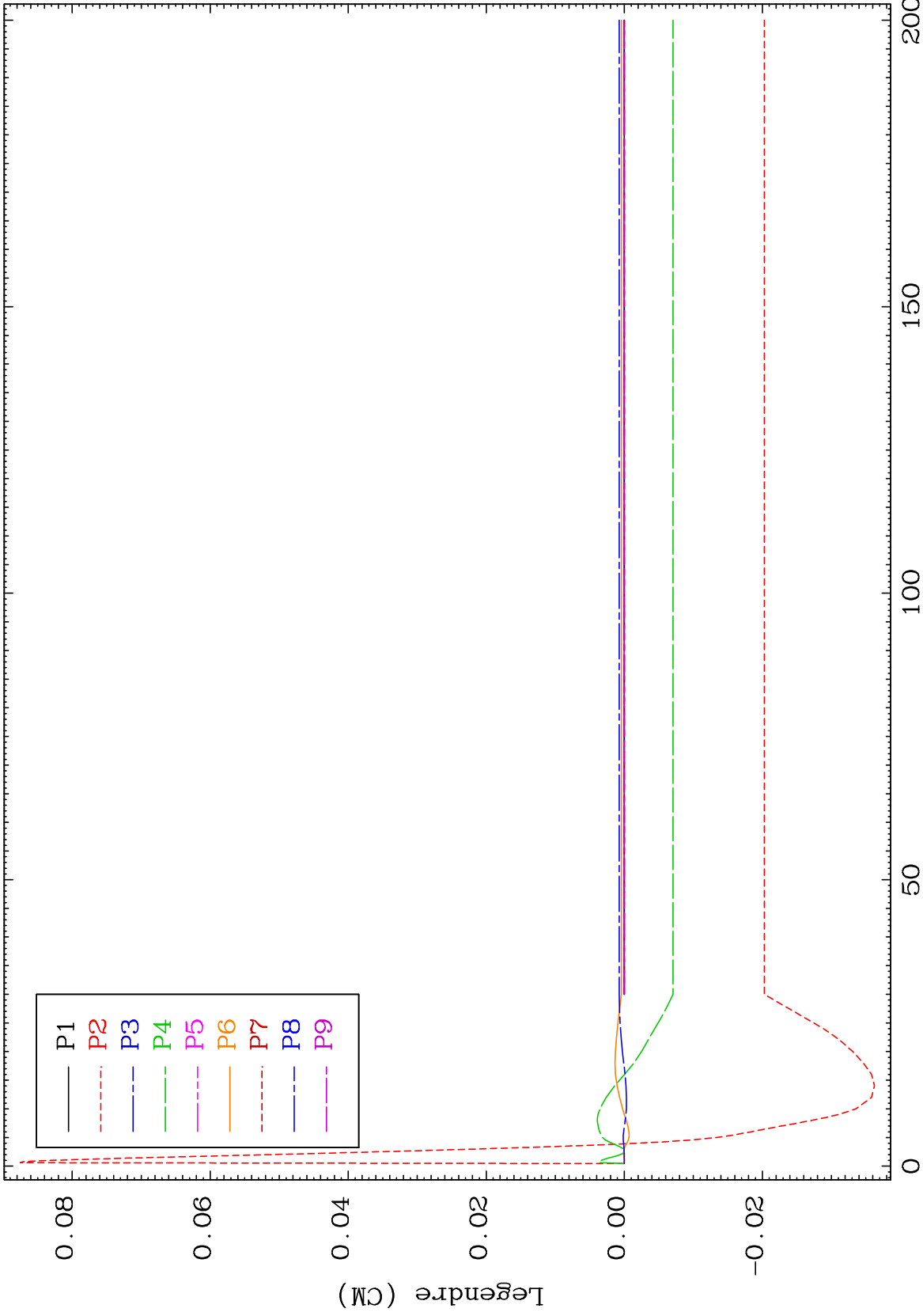
71



MAT 7522

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

75-Re-184



72

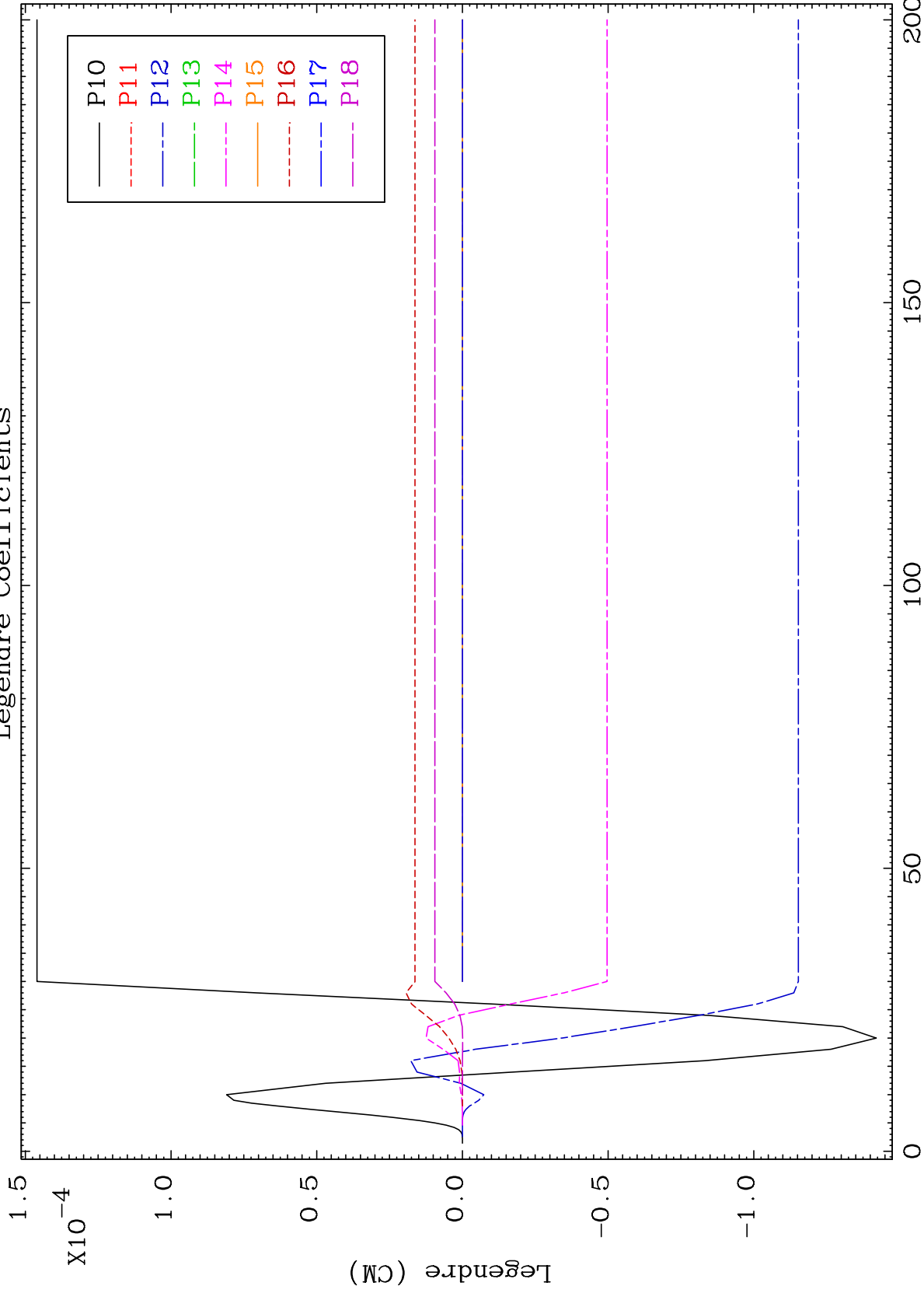
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184

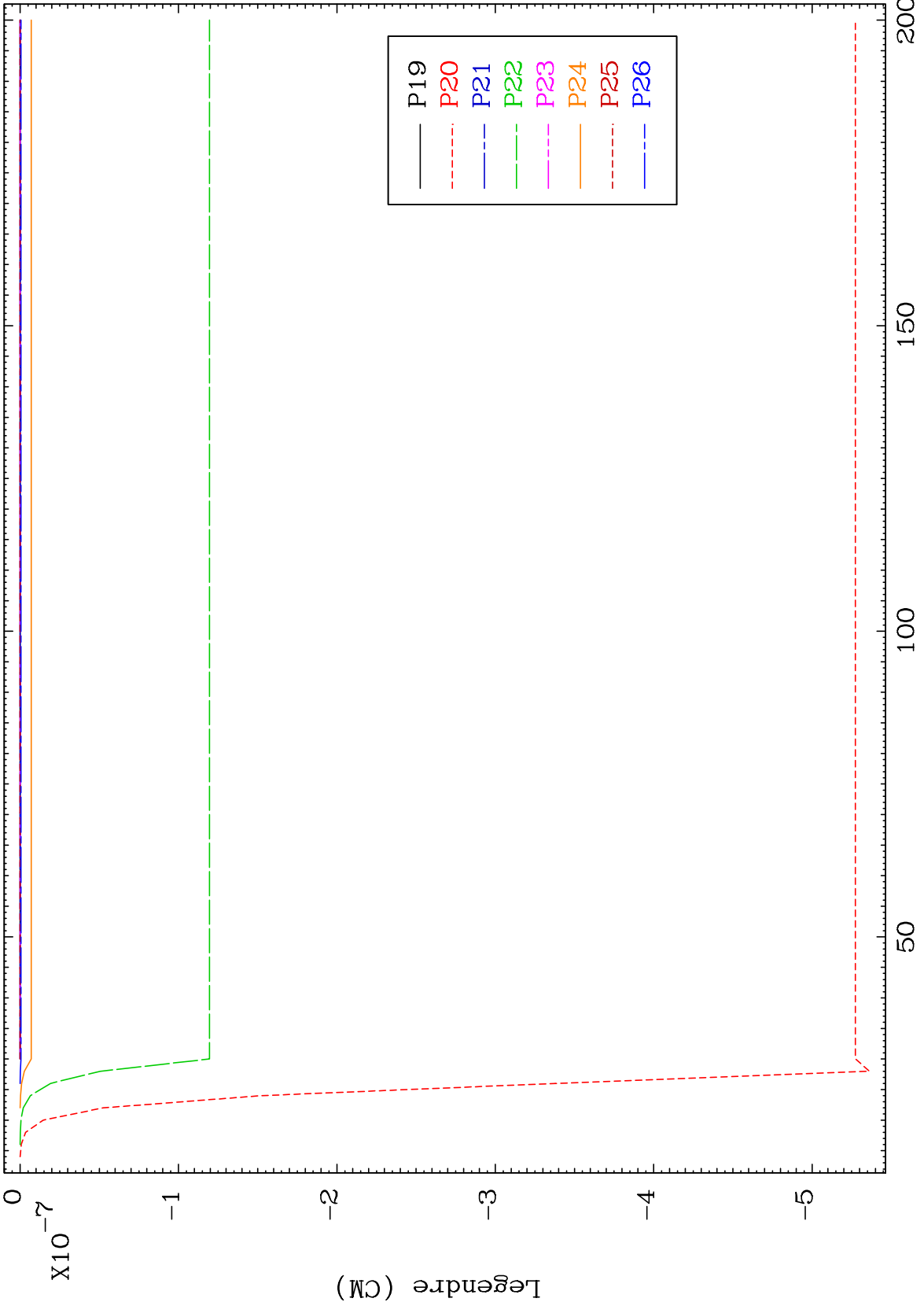


73

Incident Energy (MeV)

75-Re-184

MAT 7522 MT= 66 (n,n') Level Legendre Coefficients 75-Re-184

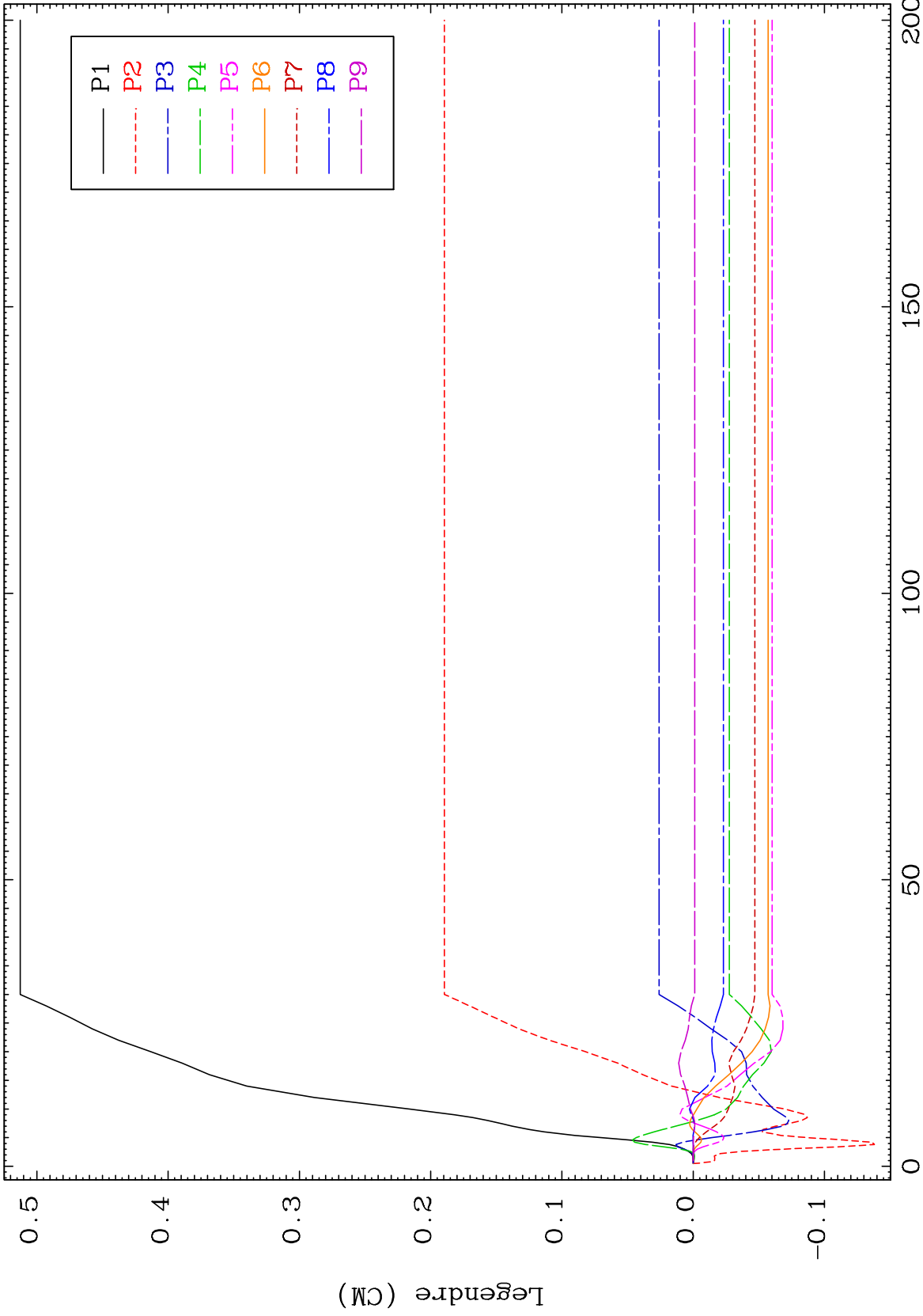


74 75-Re-184

MAT 7522

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

75-Re-184



75

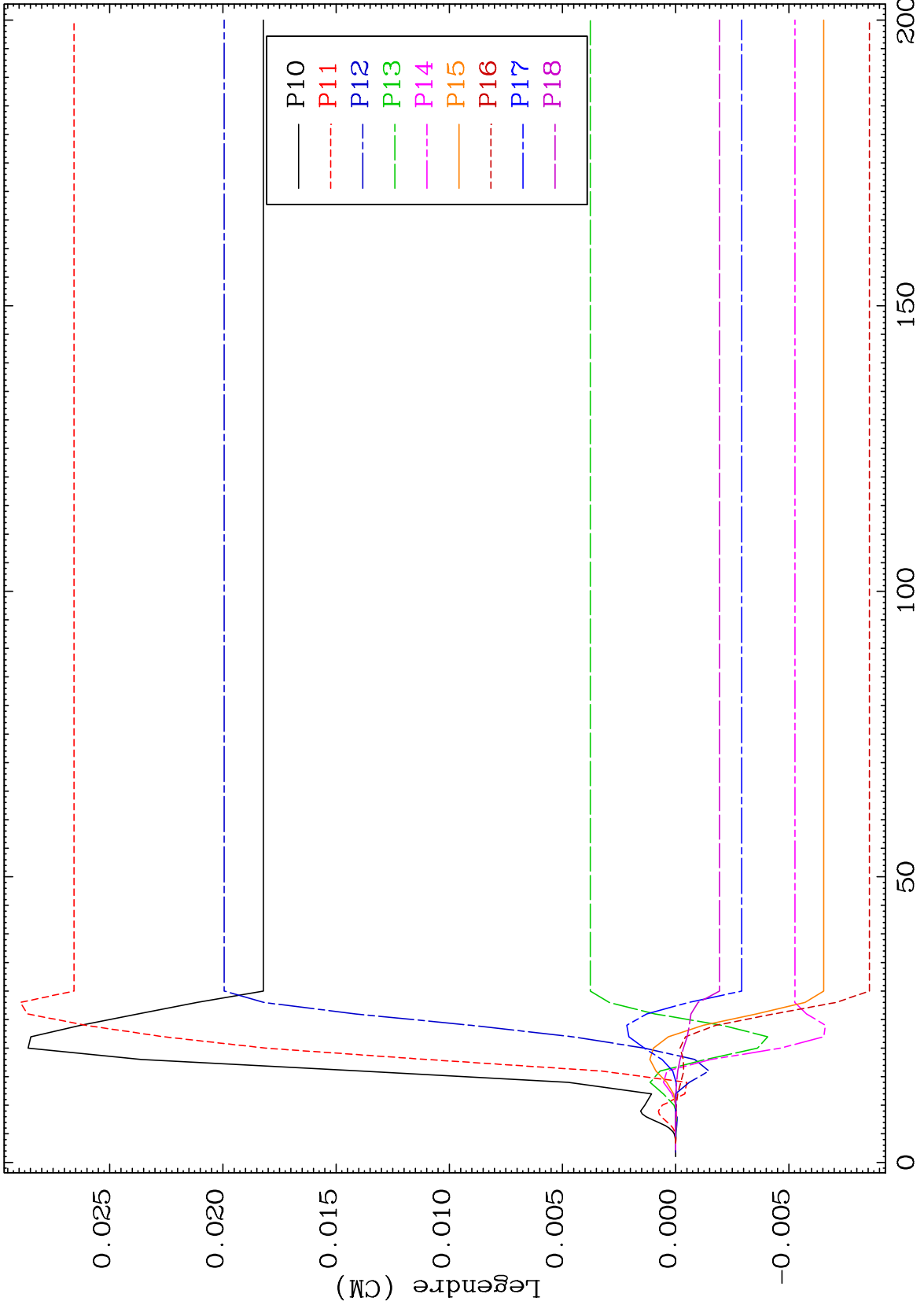
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



76

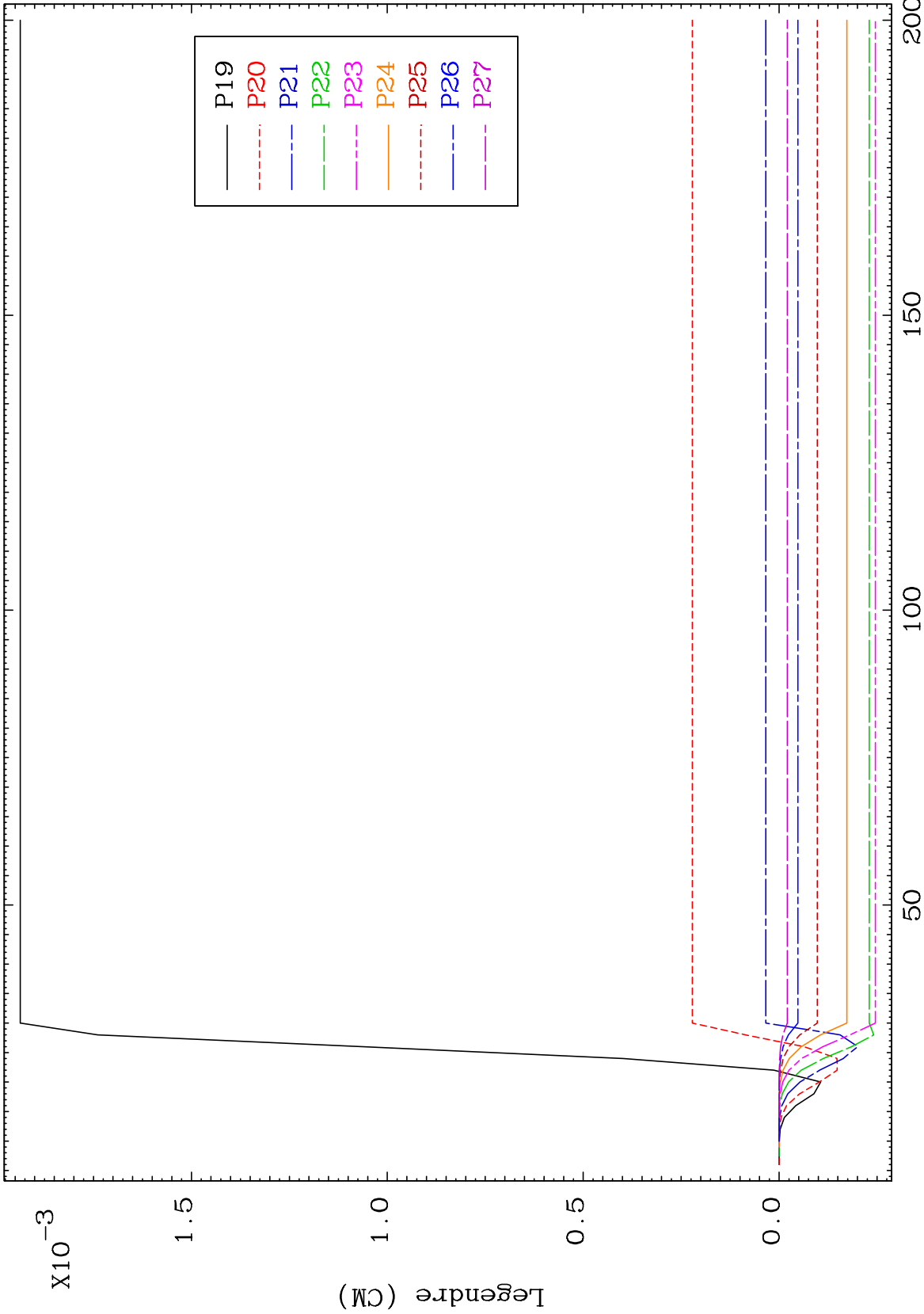
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



77

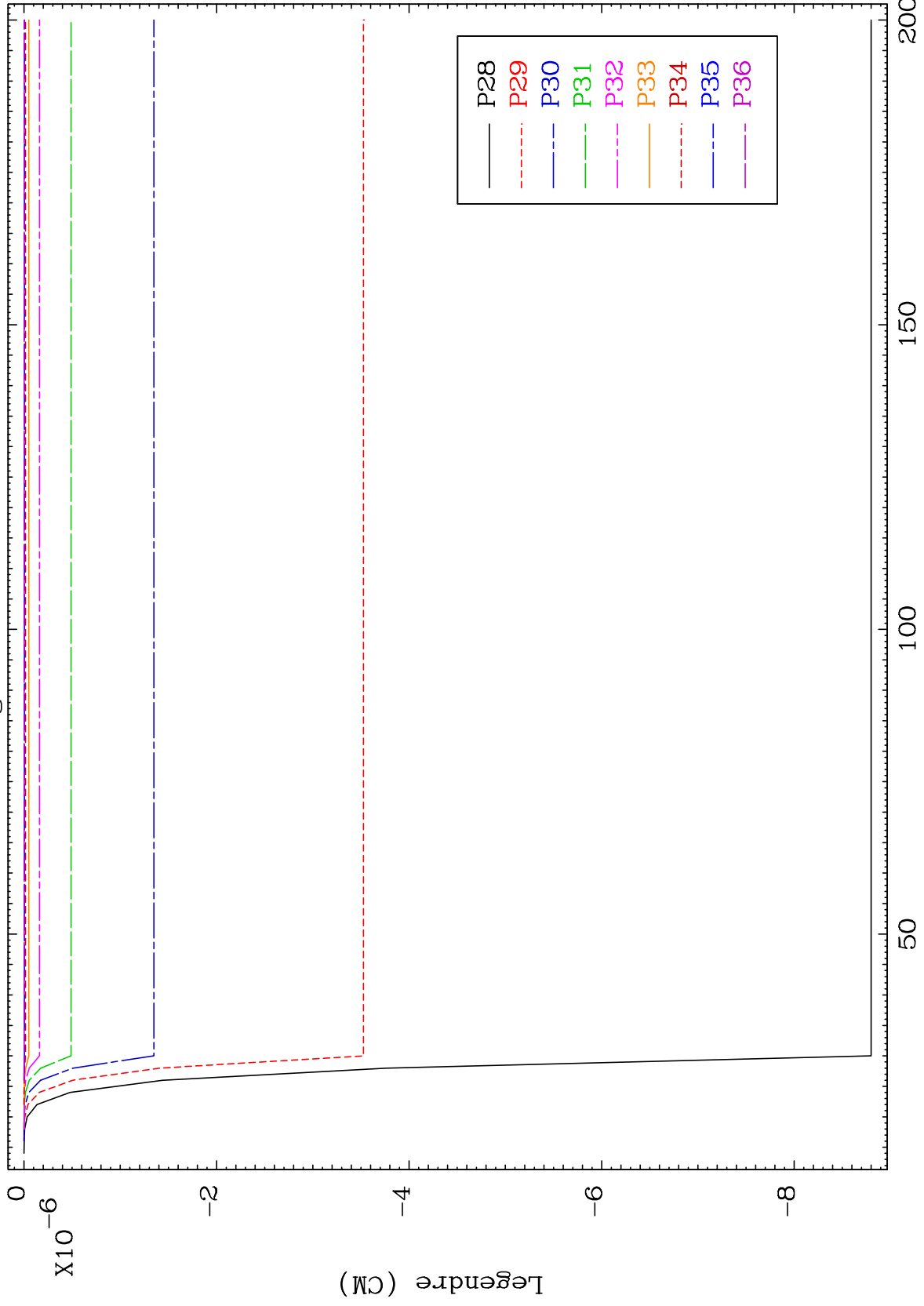
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184

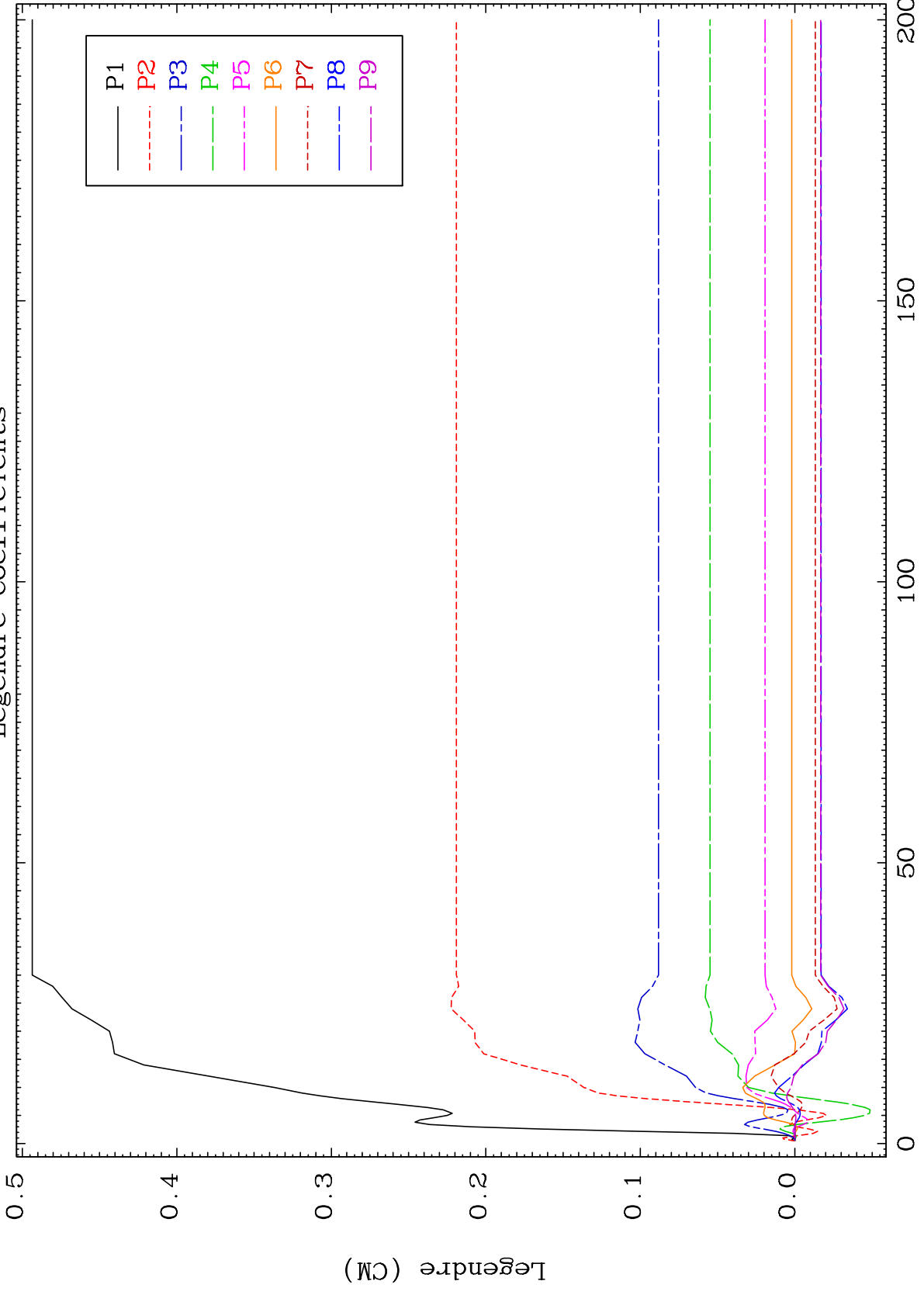


78

Incident Energy (MeV)

75-Re-184

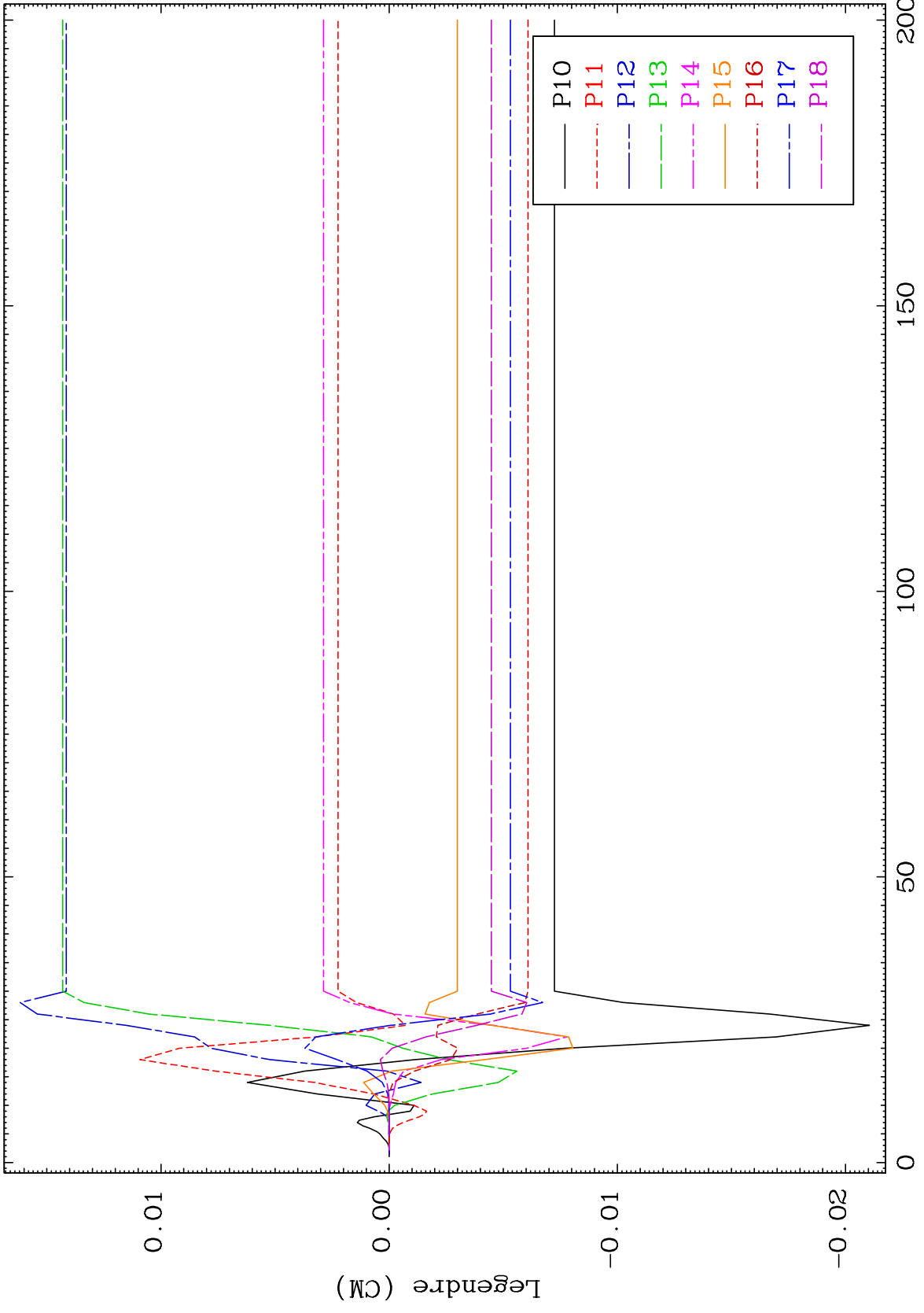
MAT 7522 MT= 68 (n,n') Level Legendre Coefficients 75-Re-184



79 75-Re-184



MAT 7522 MT= 68 (n,n') Level Legendre Coefficients 75-Re-184

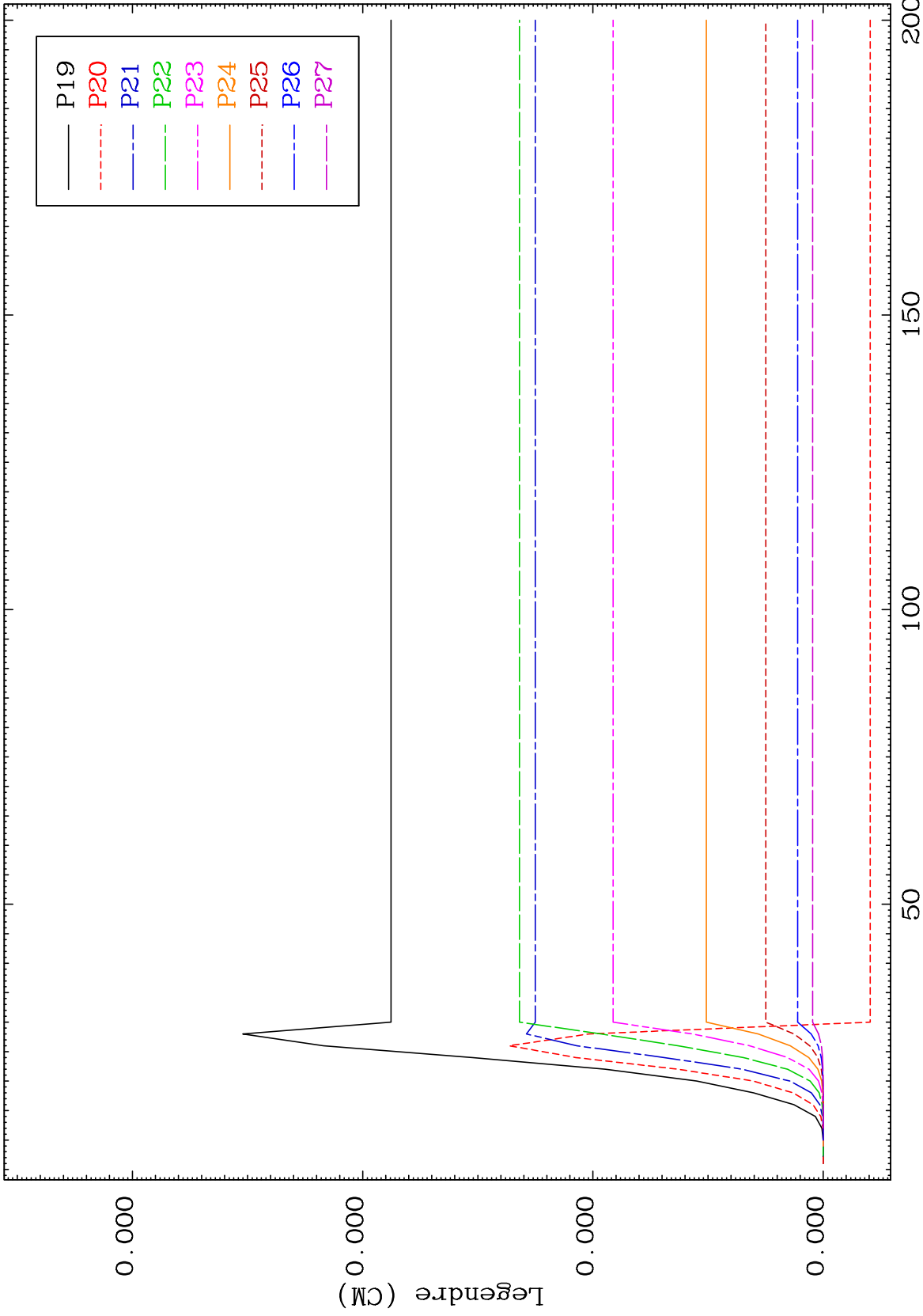


80 Incident Energy (MeV) 75-Re-184

MAT 7522

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

75-Re-184



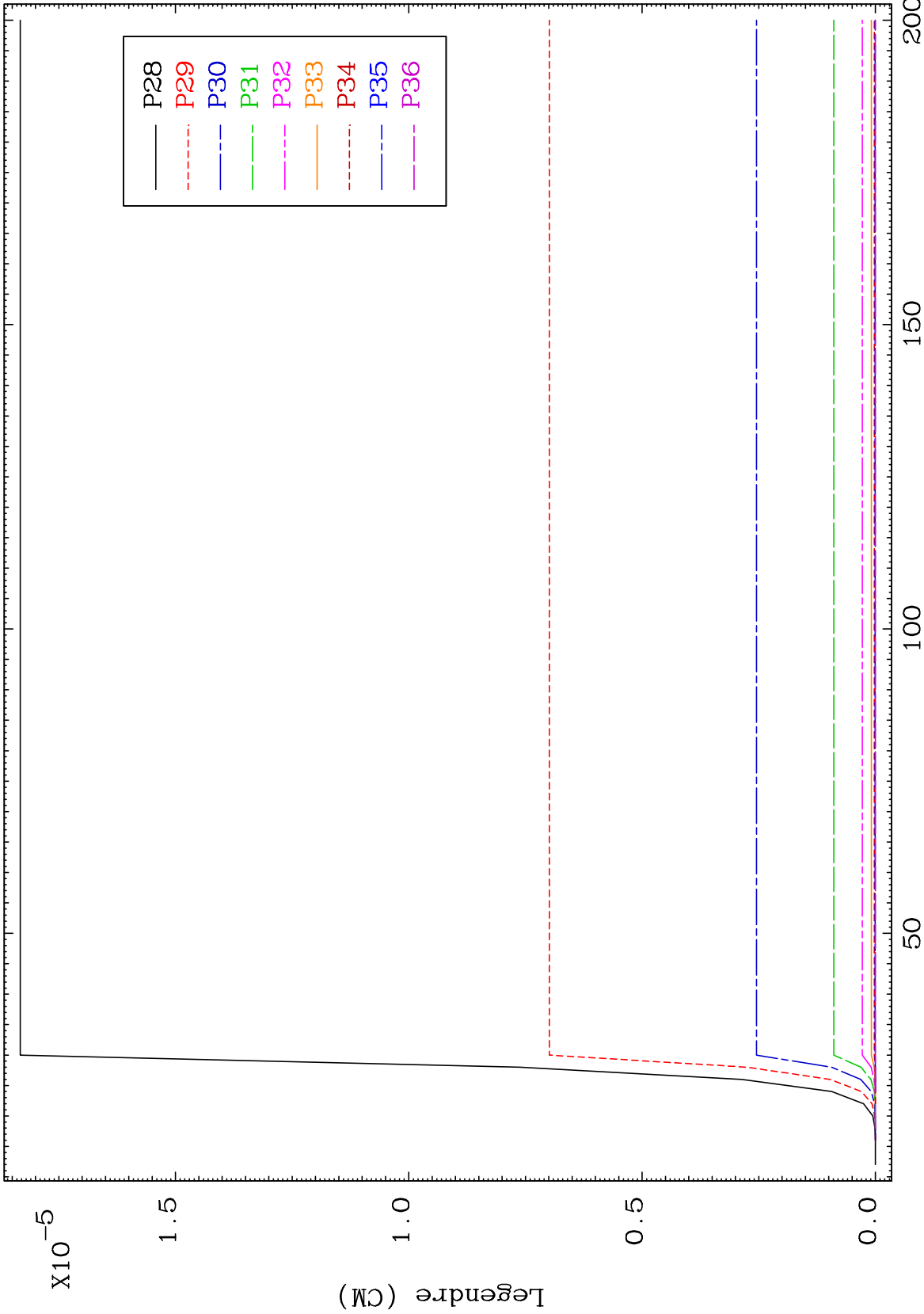
81

75-Re-184

MAT 7522

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

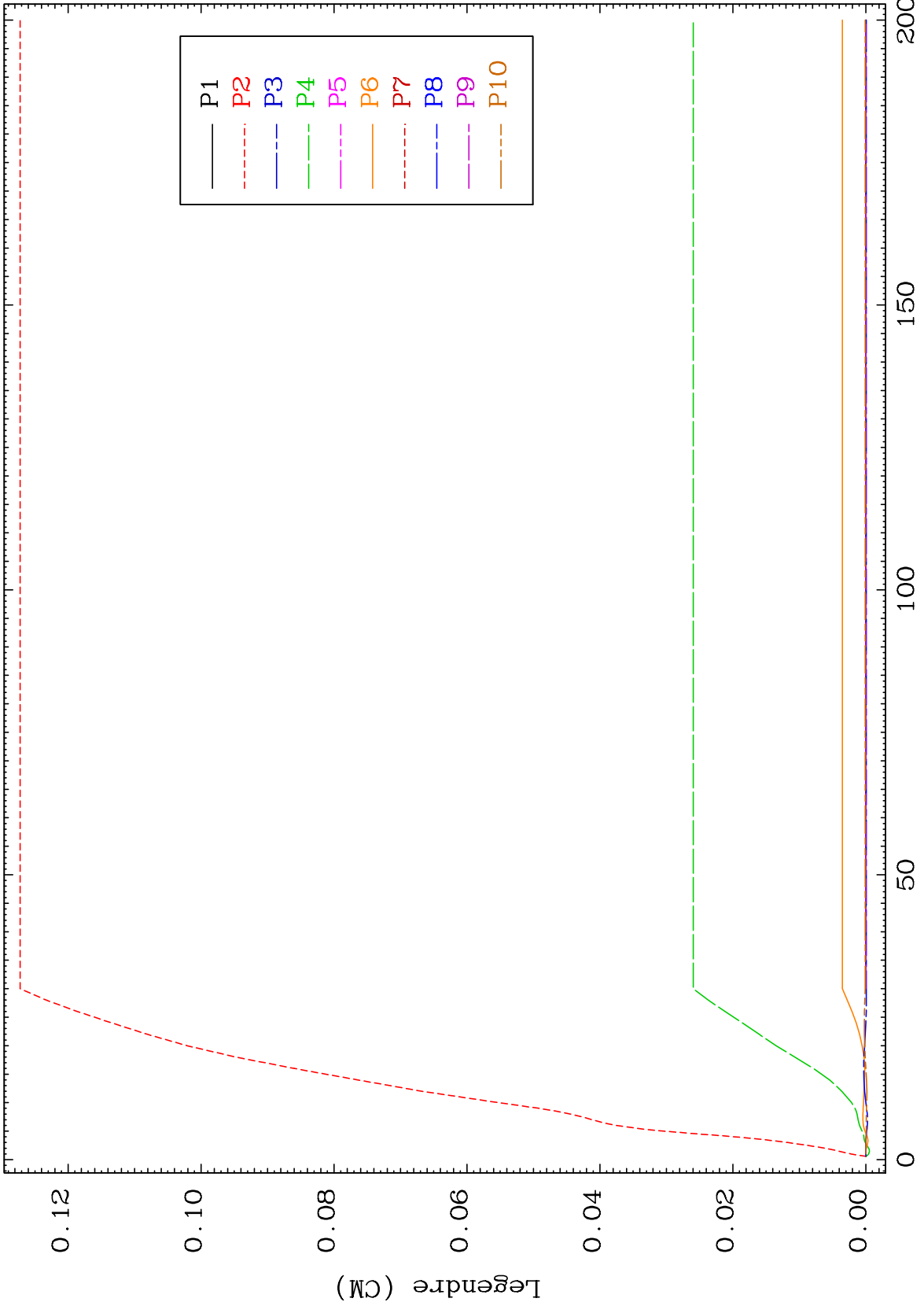
75-Re-184



82

75-Re-184

MAT 7522 MT= 69 (n,n') Level Legendre Coefficients 75-Re-184

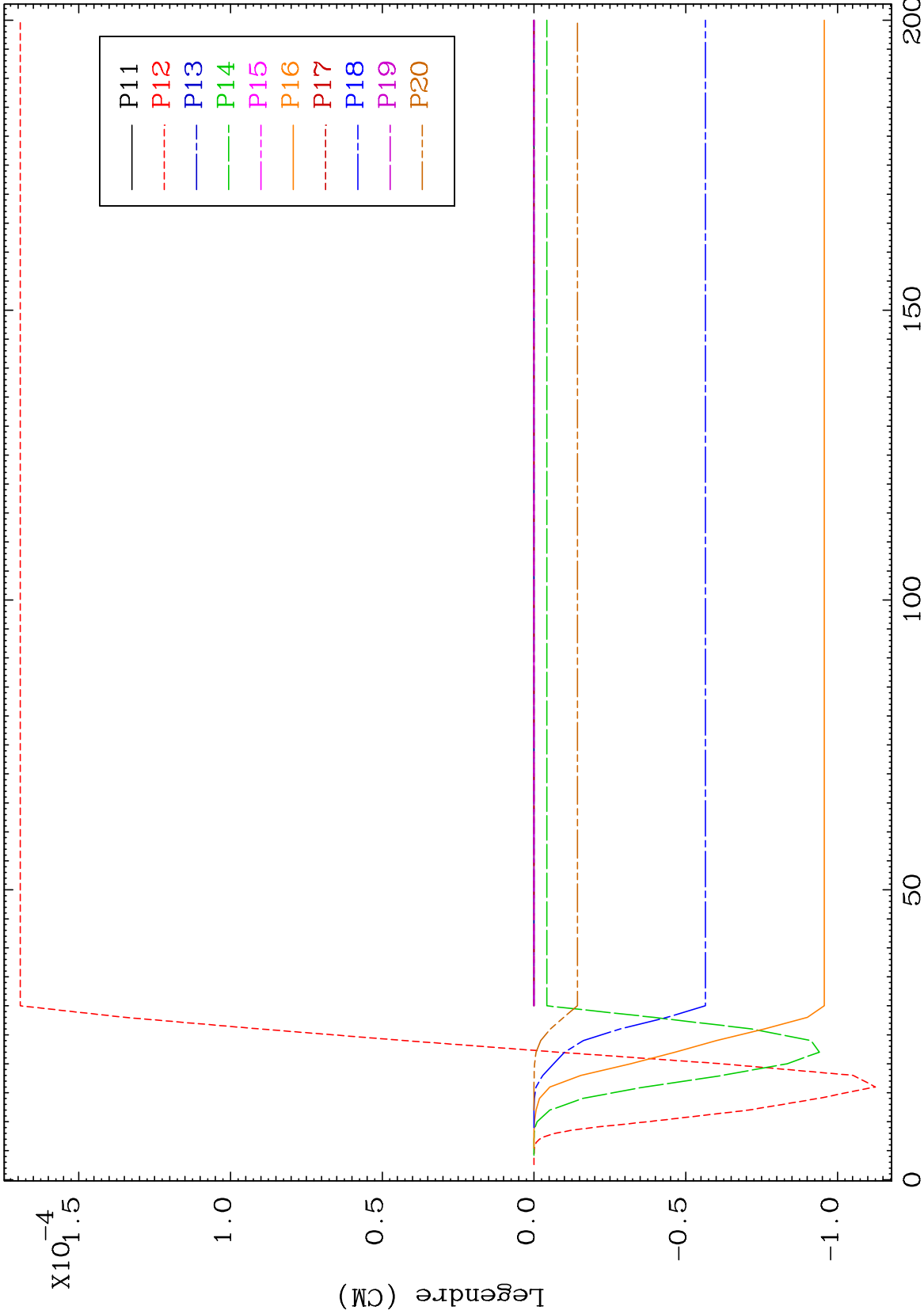


83 75-Re-184

MAT 7522

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

75-Re-184

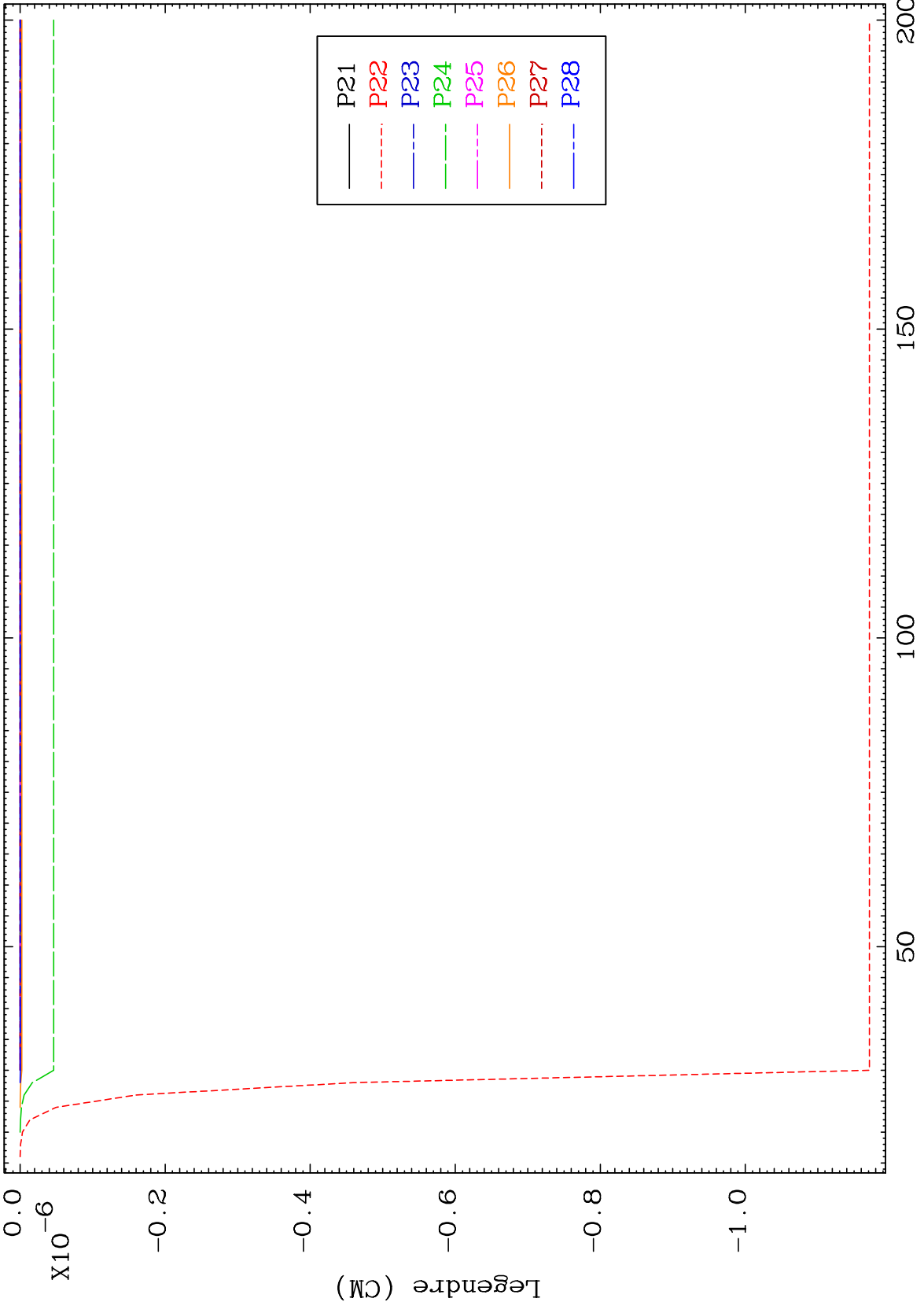


84

Incident Energy (MeV)

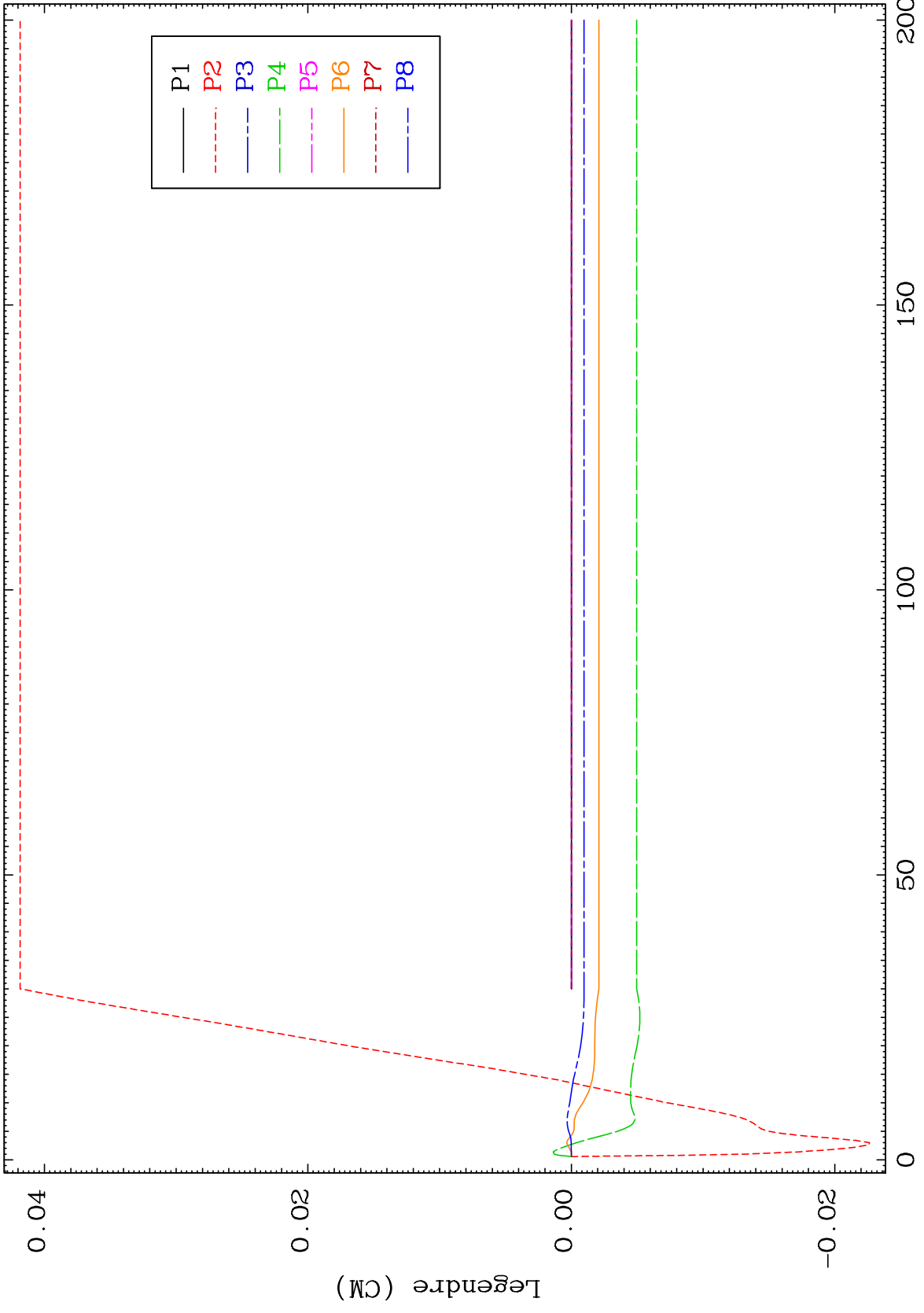
75-Re-184

MAT 7522 MT= 69 (n,n') Level Legendre Coefficients 75-Re-184



85 75-Re-184

MAT 7522 MT= 70 (n,n') Level Legendre Coefficients 75-Re-184

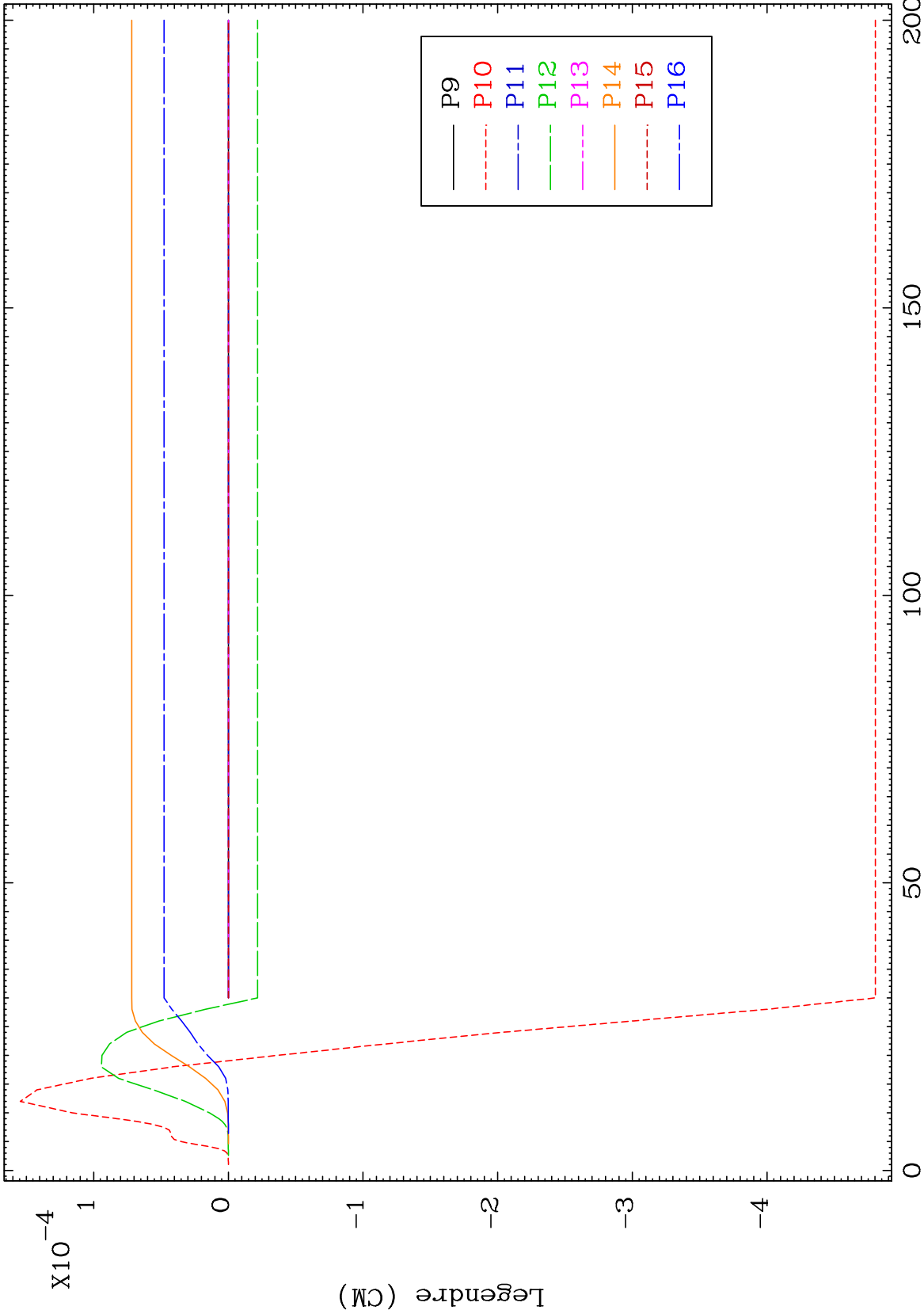


86 Incident Energy (MeV) 75-Re-184

MAT 7522

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

75-Re-184



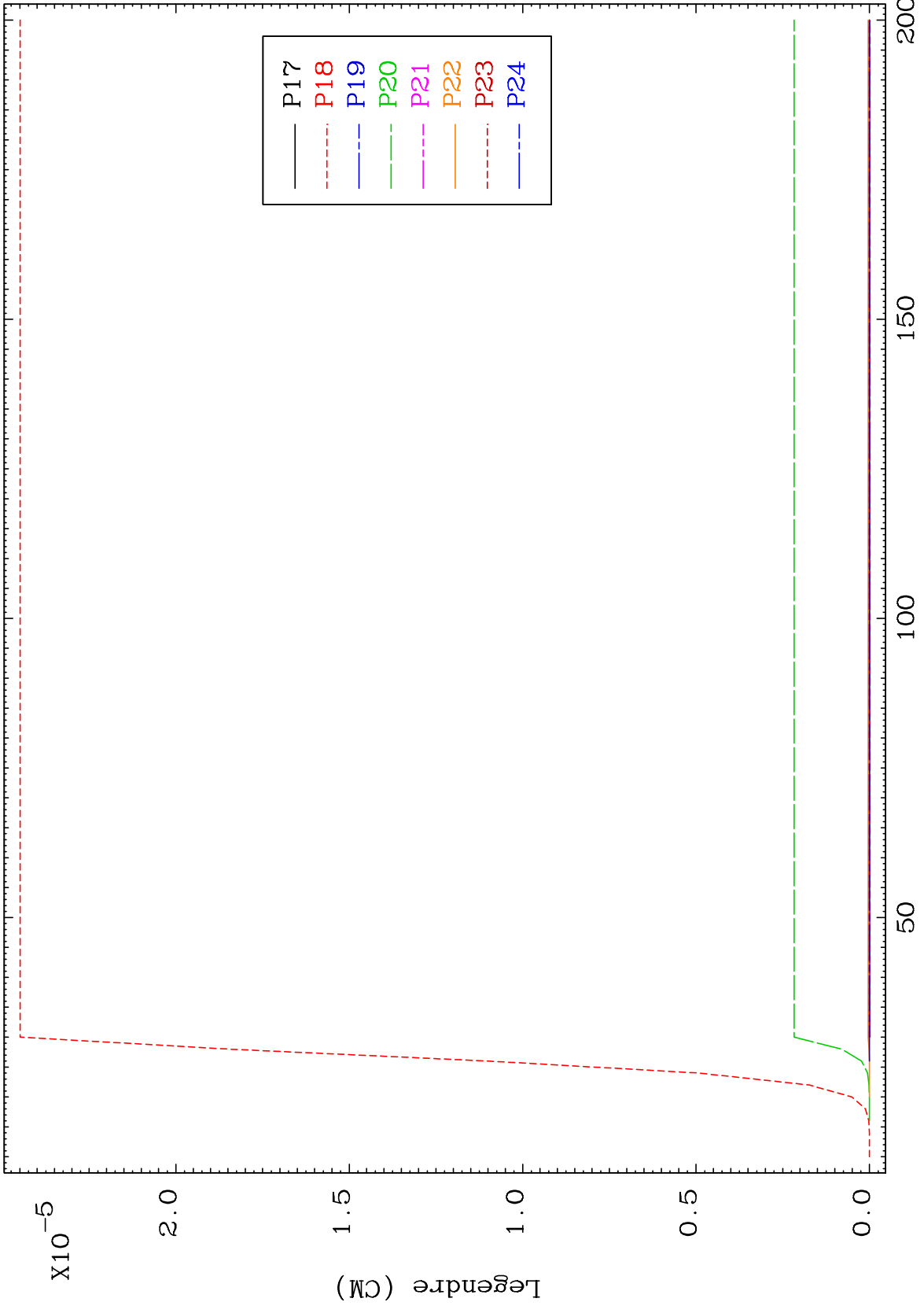
87

Incident Energy (MeV)

75-Re-184



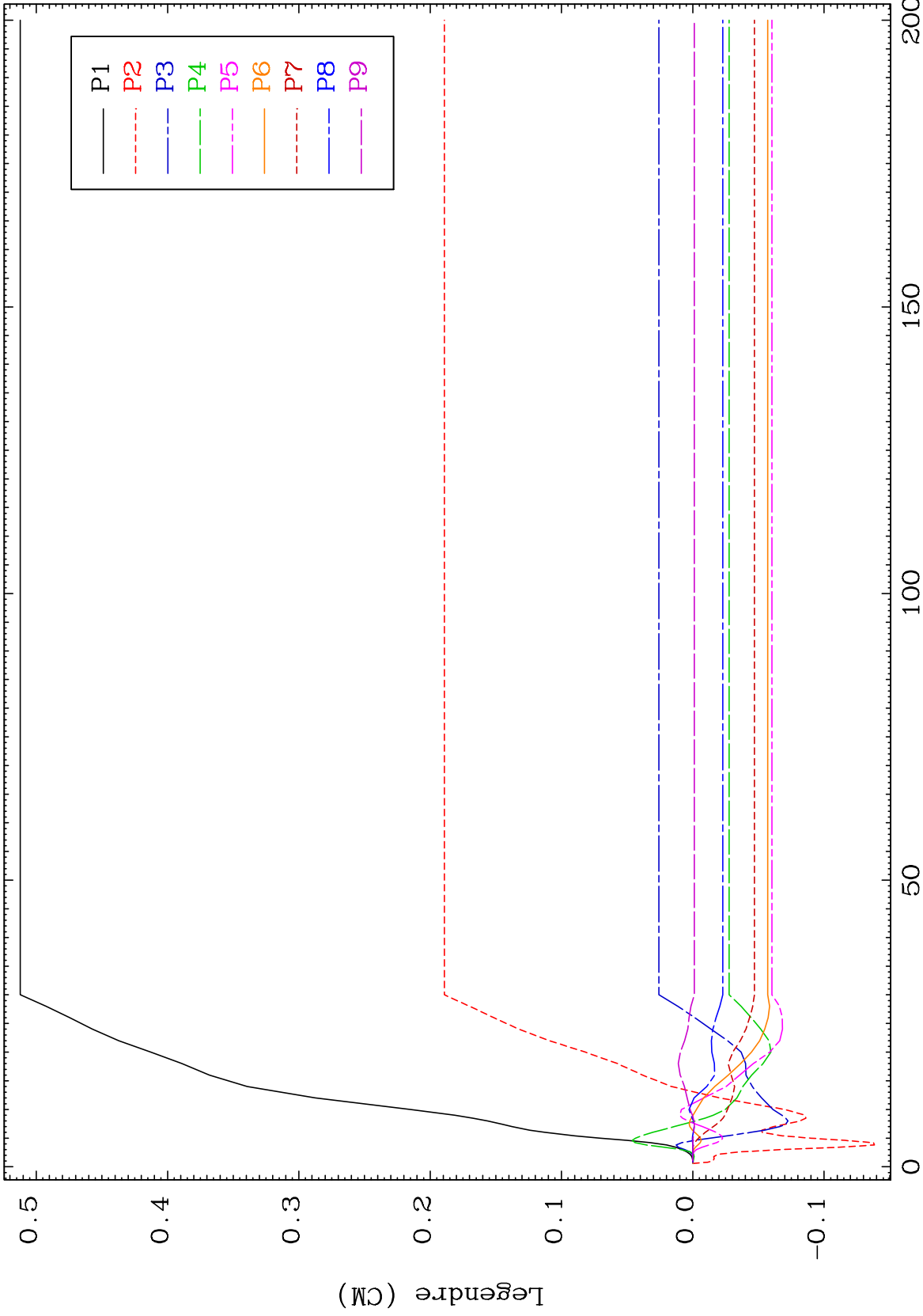
MAT 7522 MT= 70 (n,n') Level Legendre Coefficients 75-Re-184



MAT 7522

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

75-Re-184



89

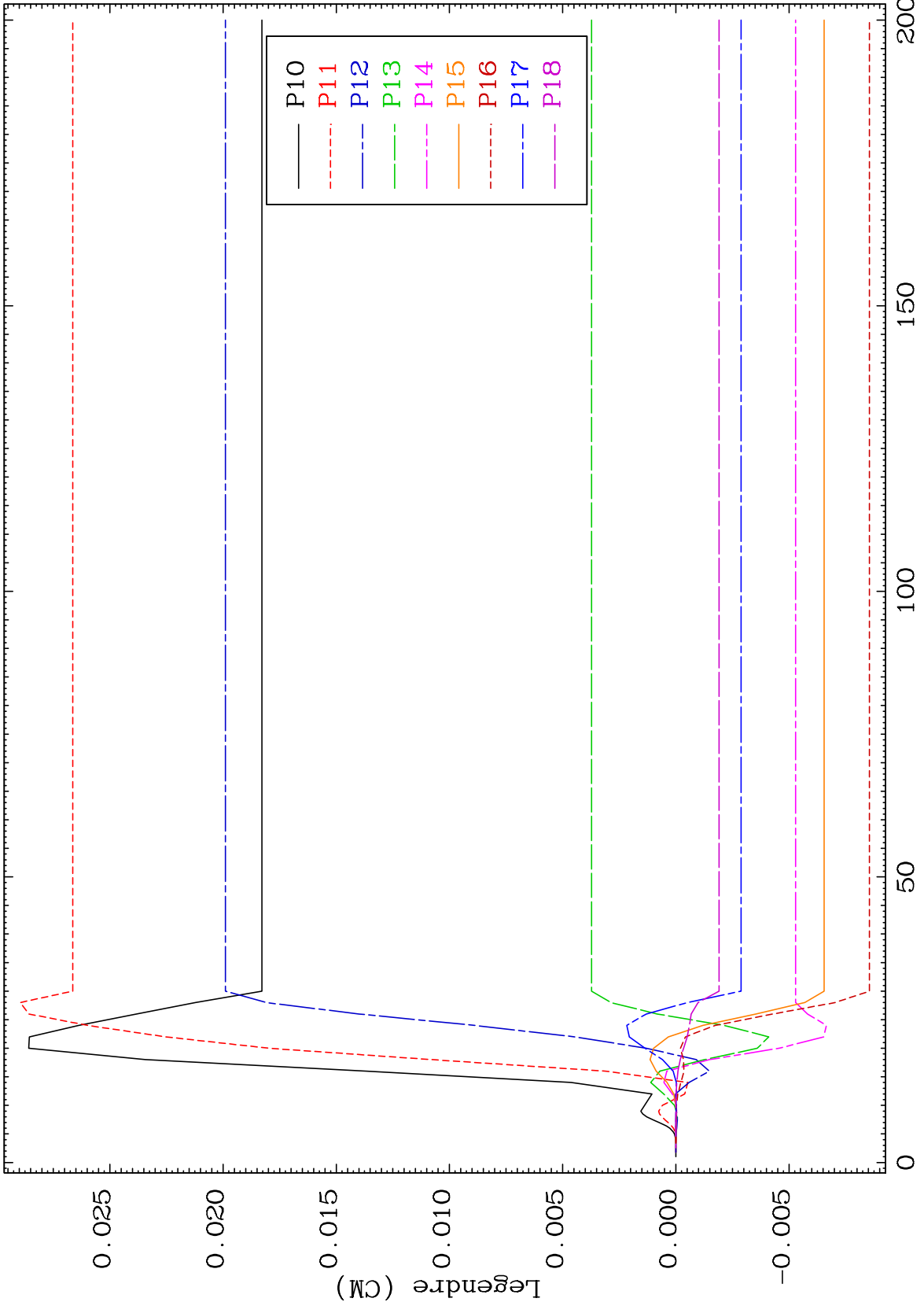
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



90

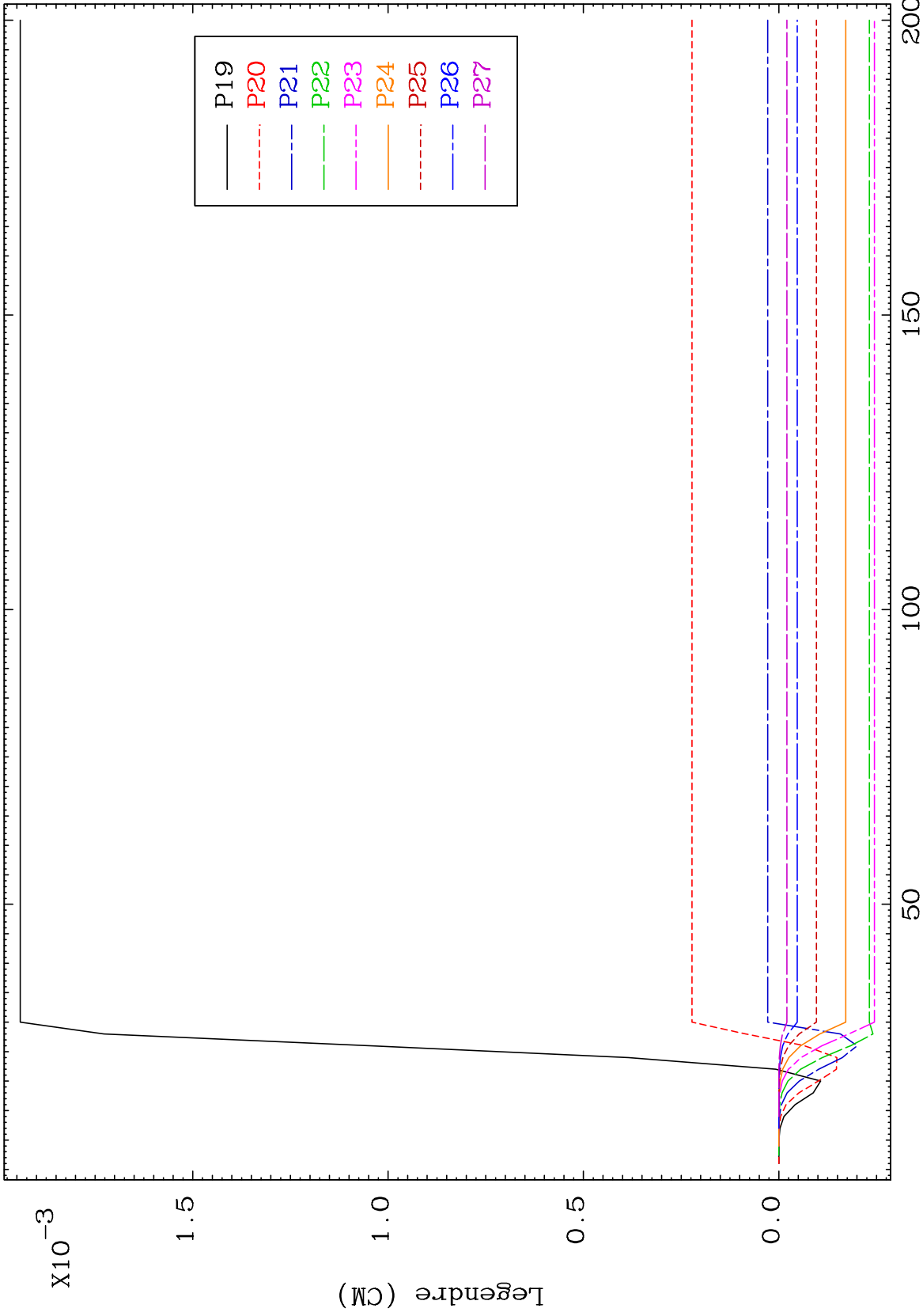
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184

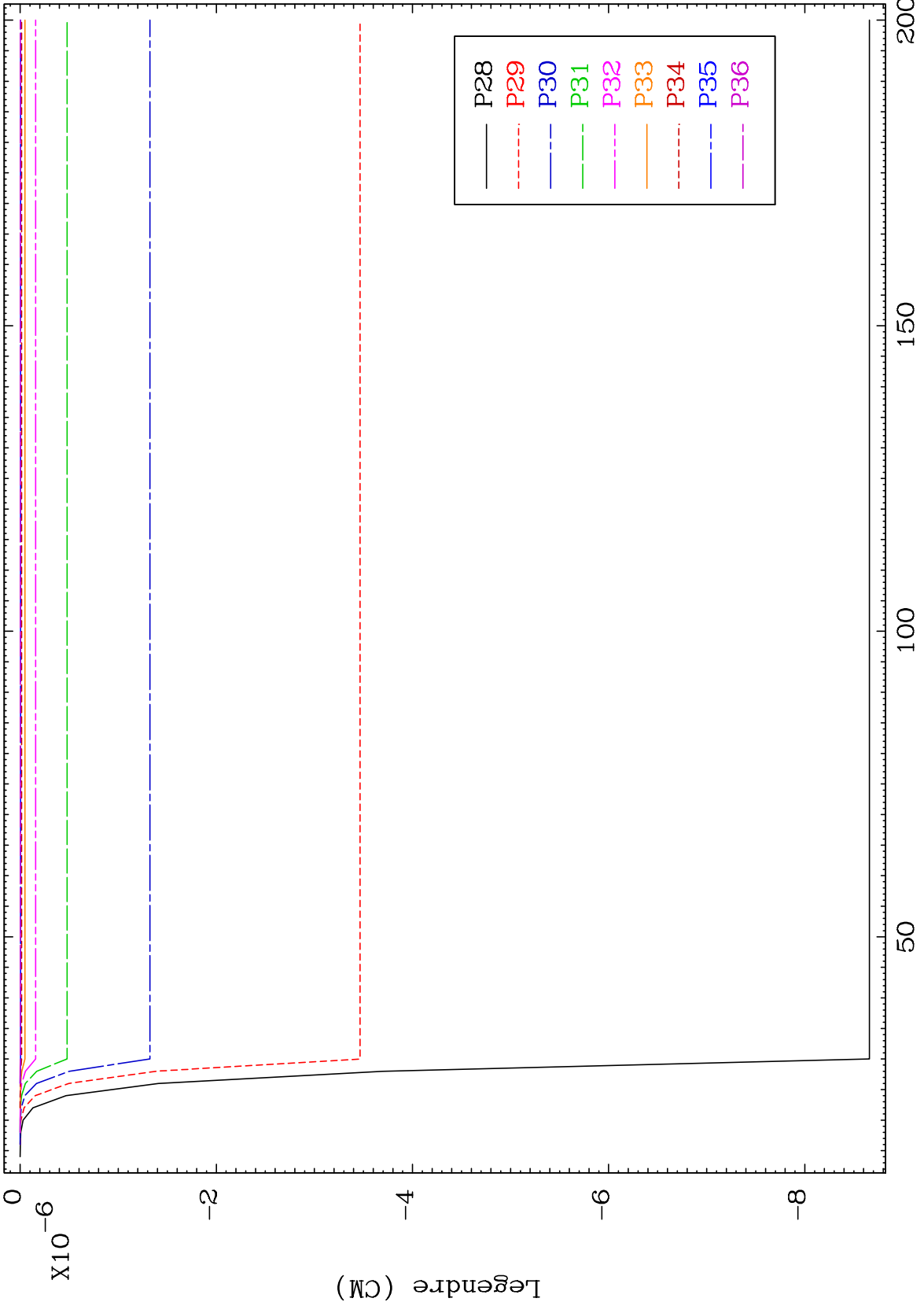


91

Incident Energy (MeV)

75-Re-184

MAT 7522 MT= 71 (n,n') Level Legendre Coefficients 75-Re-184

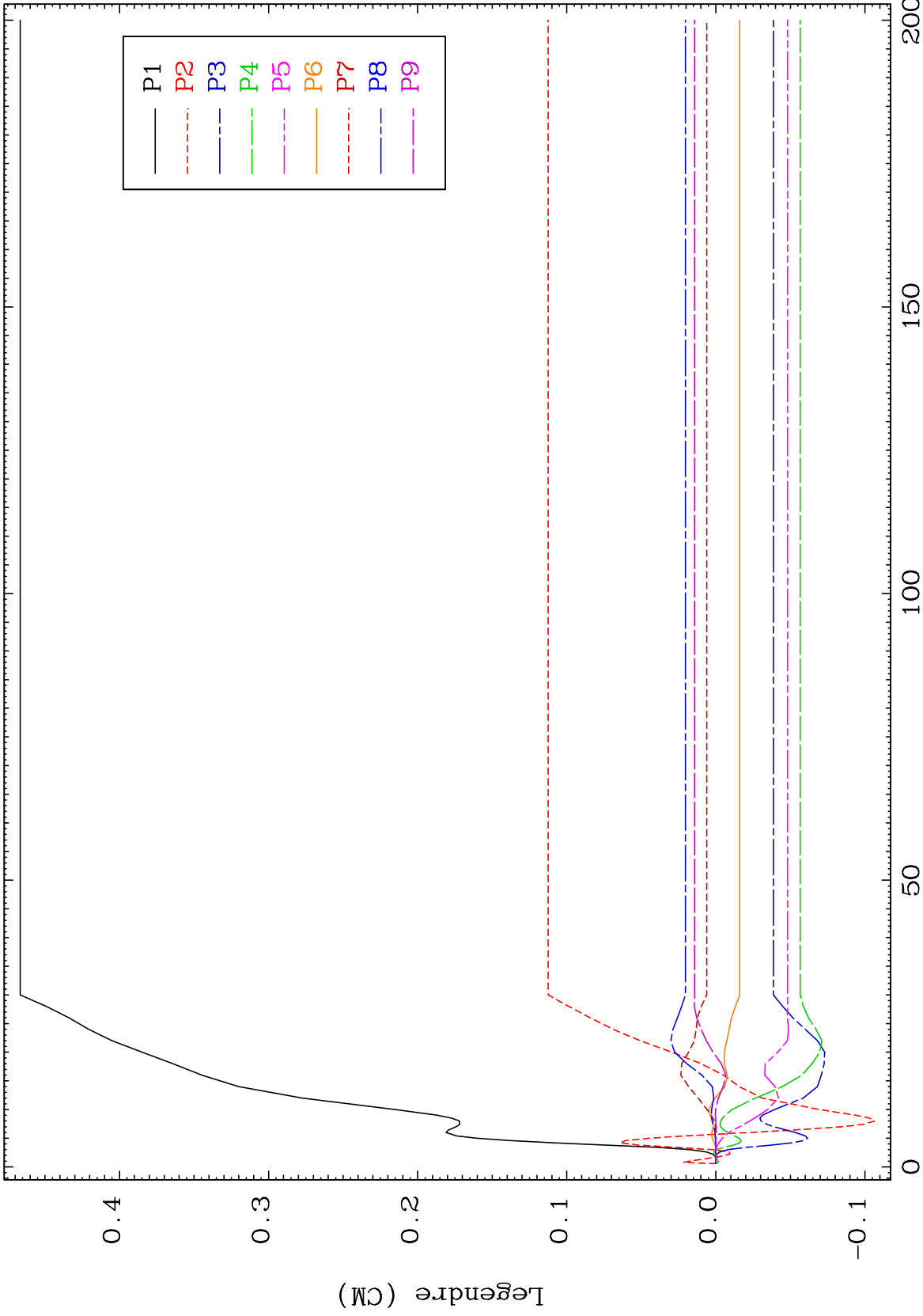


92 Incident Energy (MeV) 75-Re-184

MAT 7522

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

75-Re-184



93

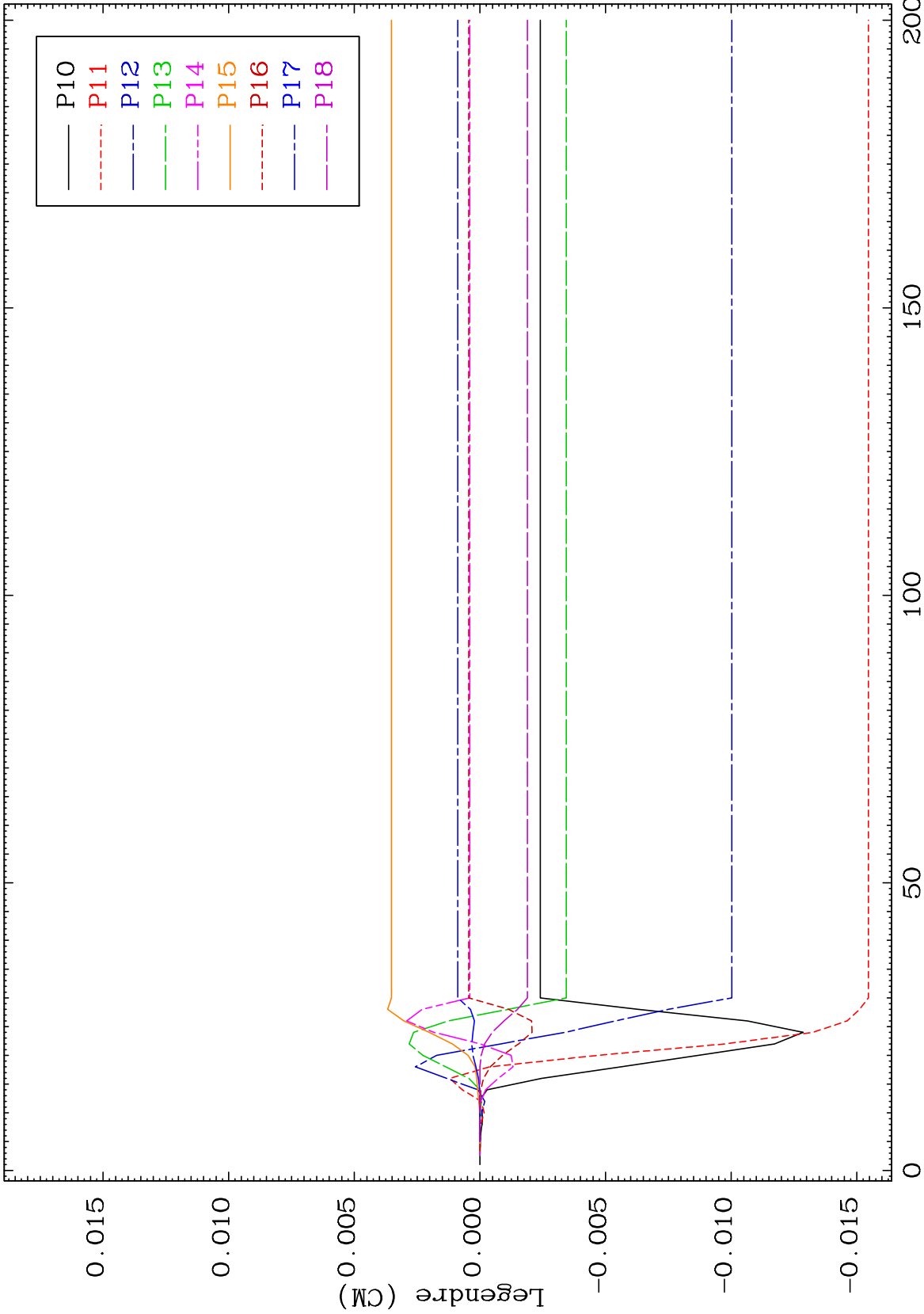
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



94

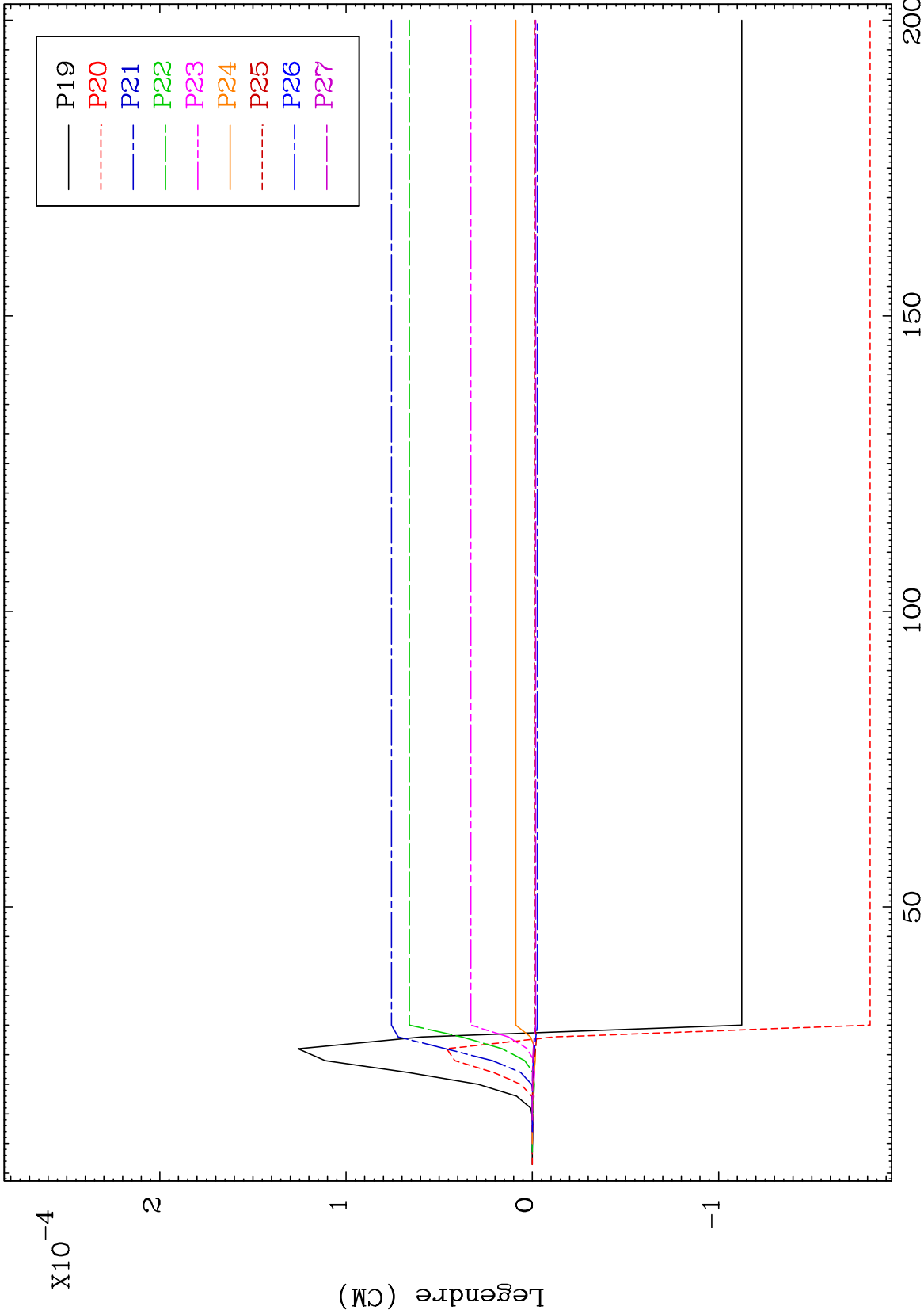
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



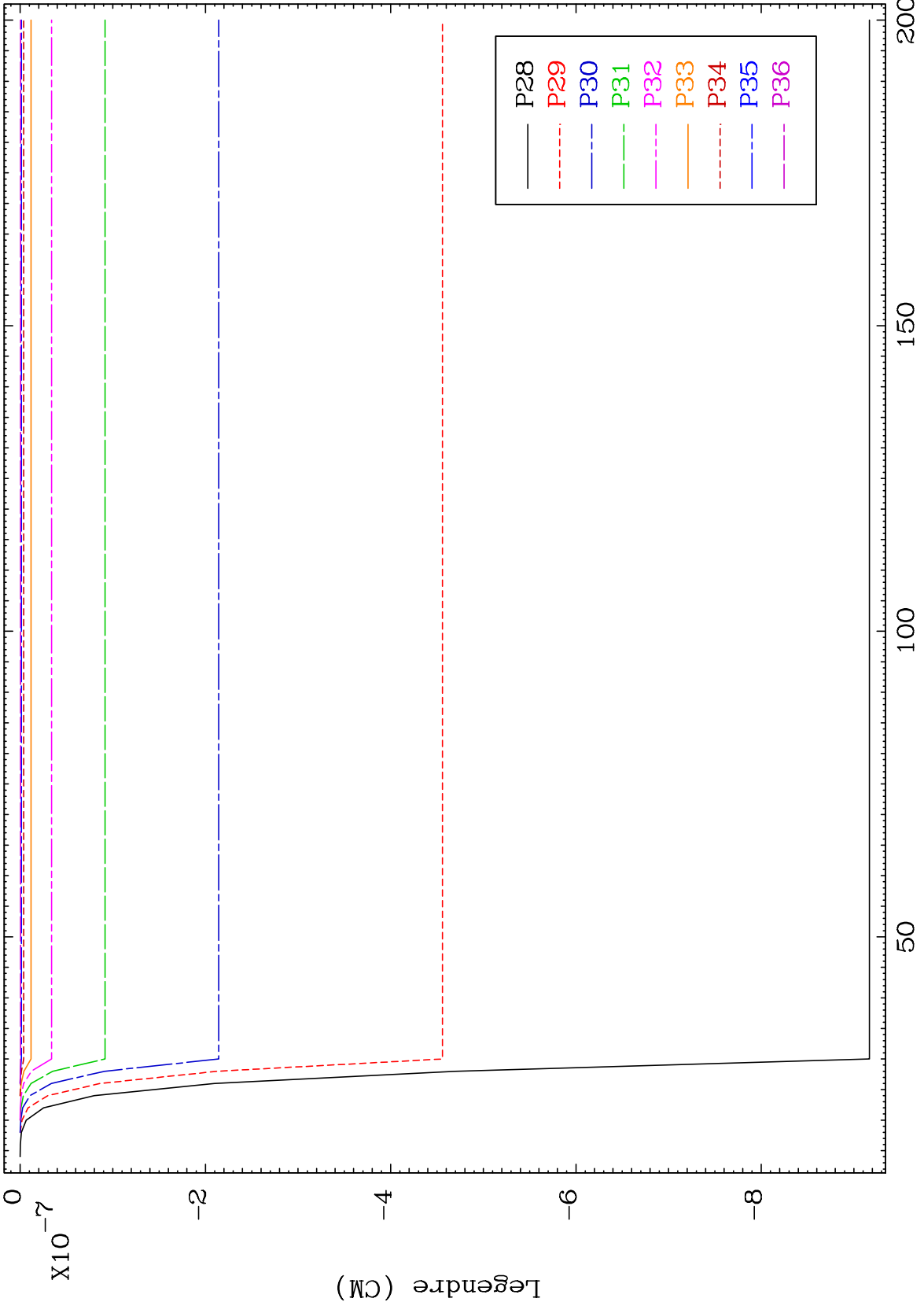
95

Incident Energy (MeV)

75-Re-184



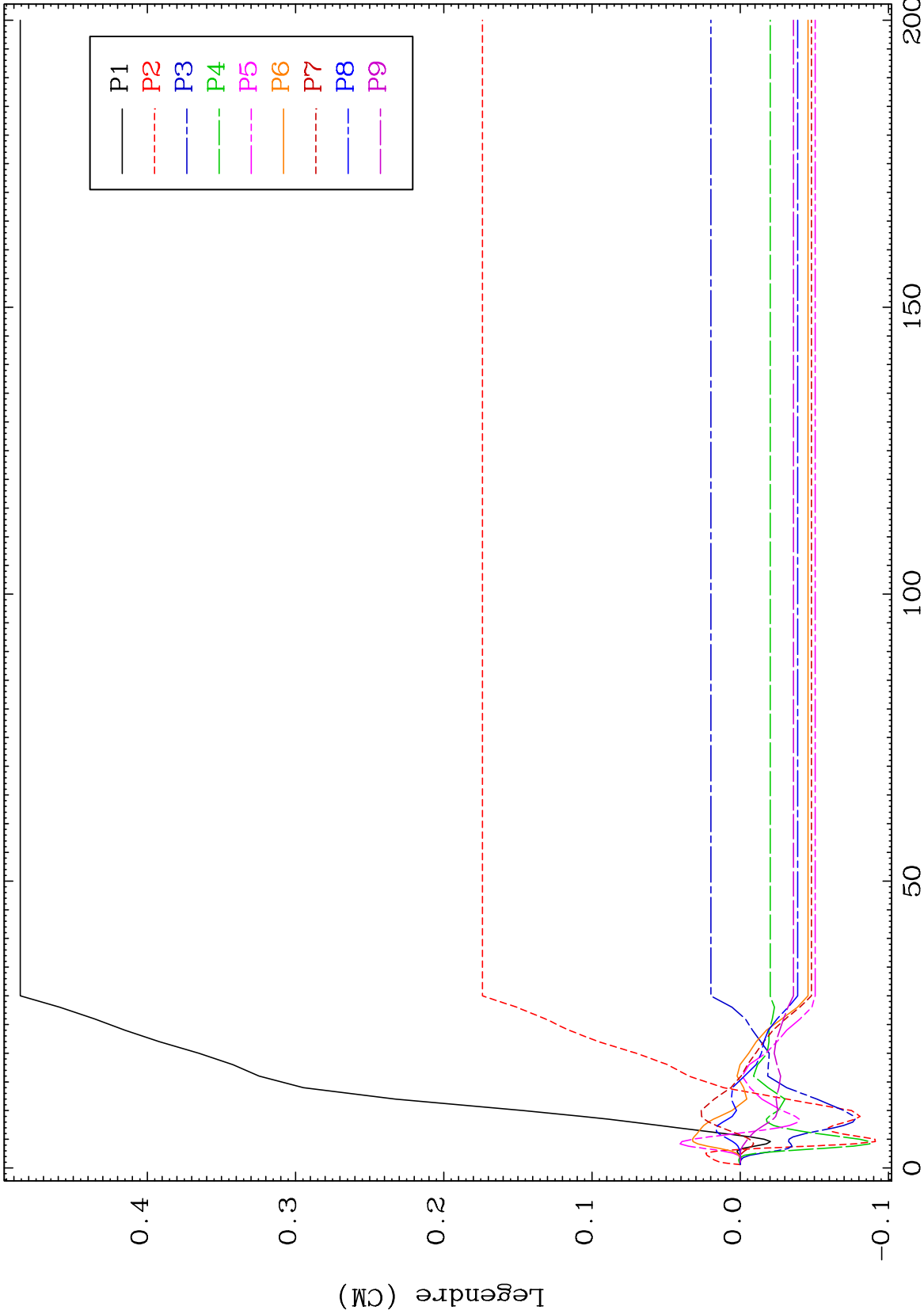
MAT 7522 MT= 72 (n,n') Level Legendre Coefficients 75-Re-184



MAT 7522

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

75-Re-184



97

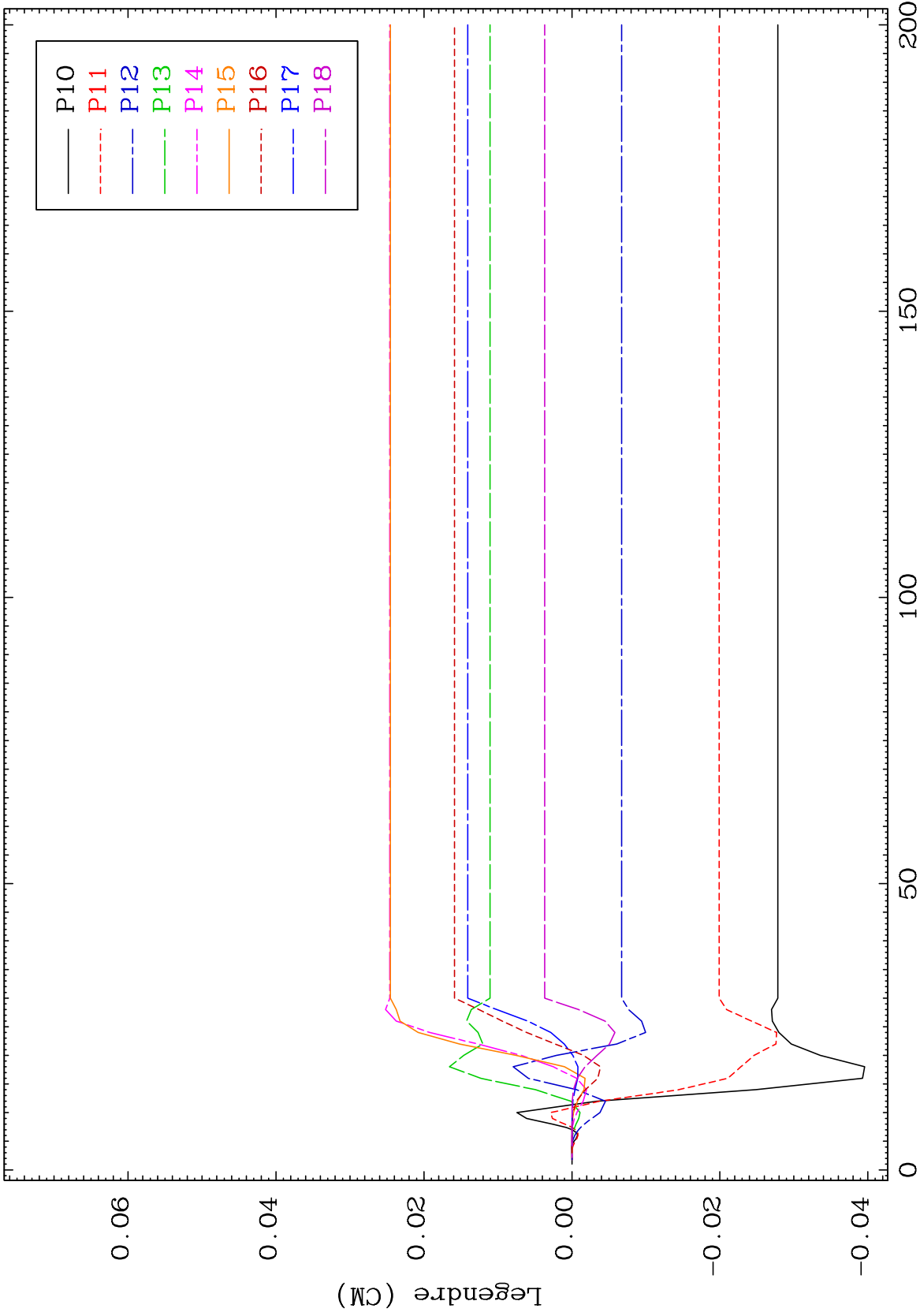
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



98

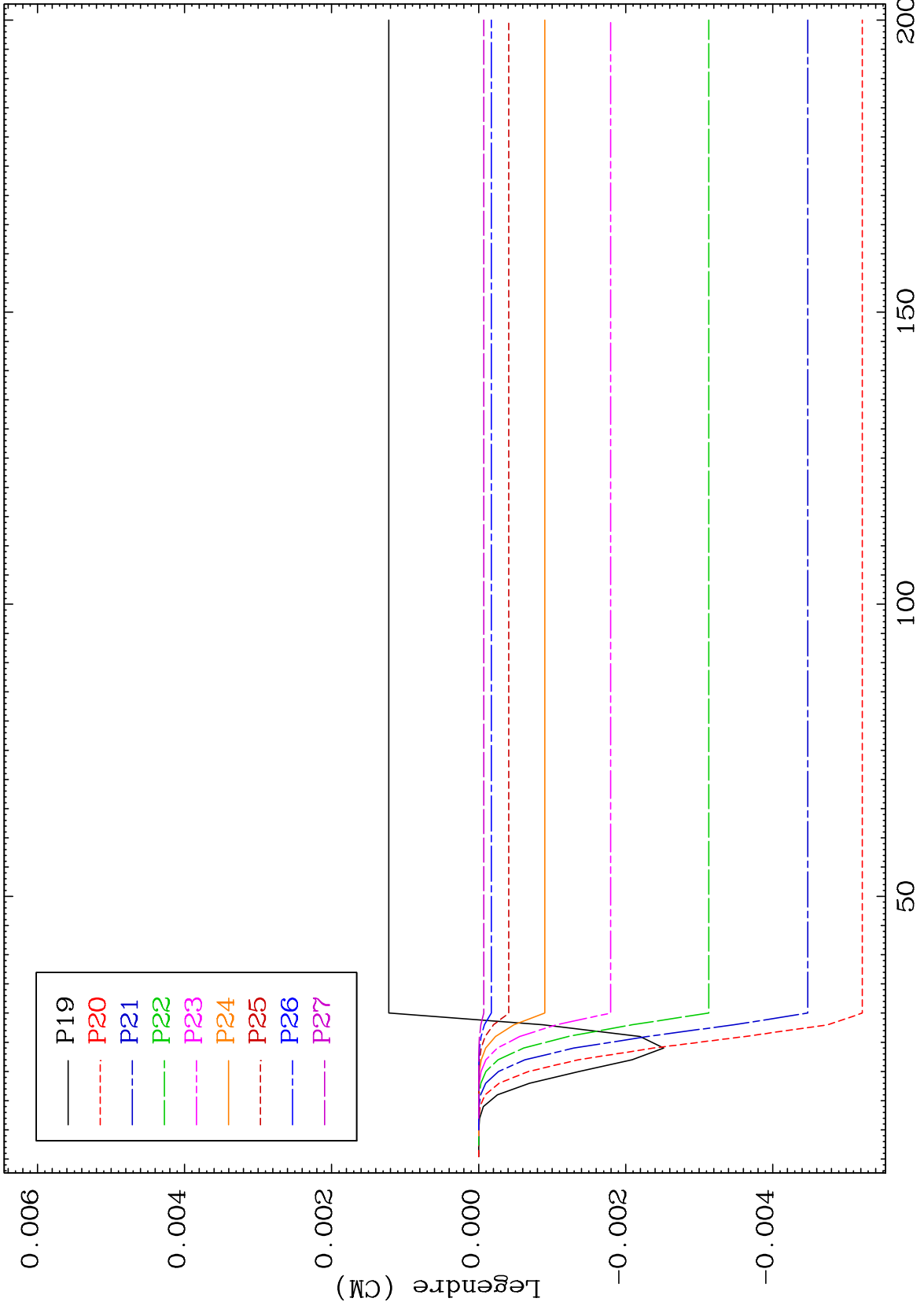
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184

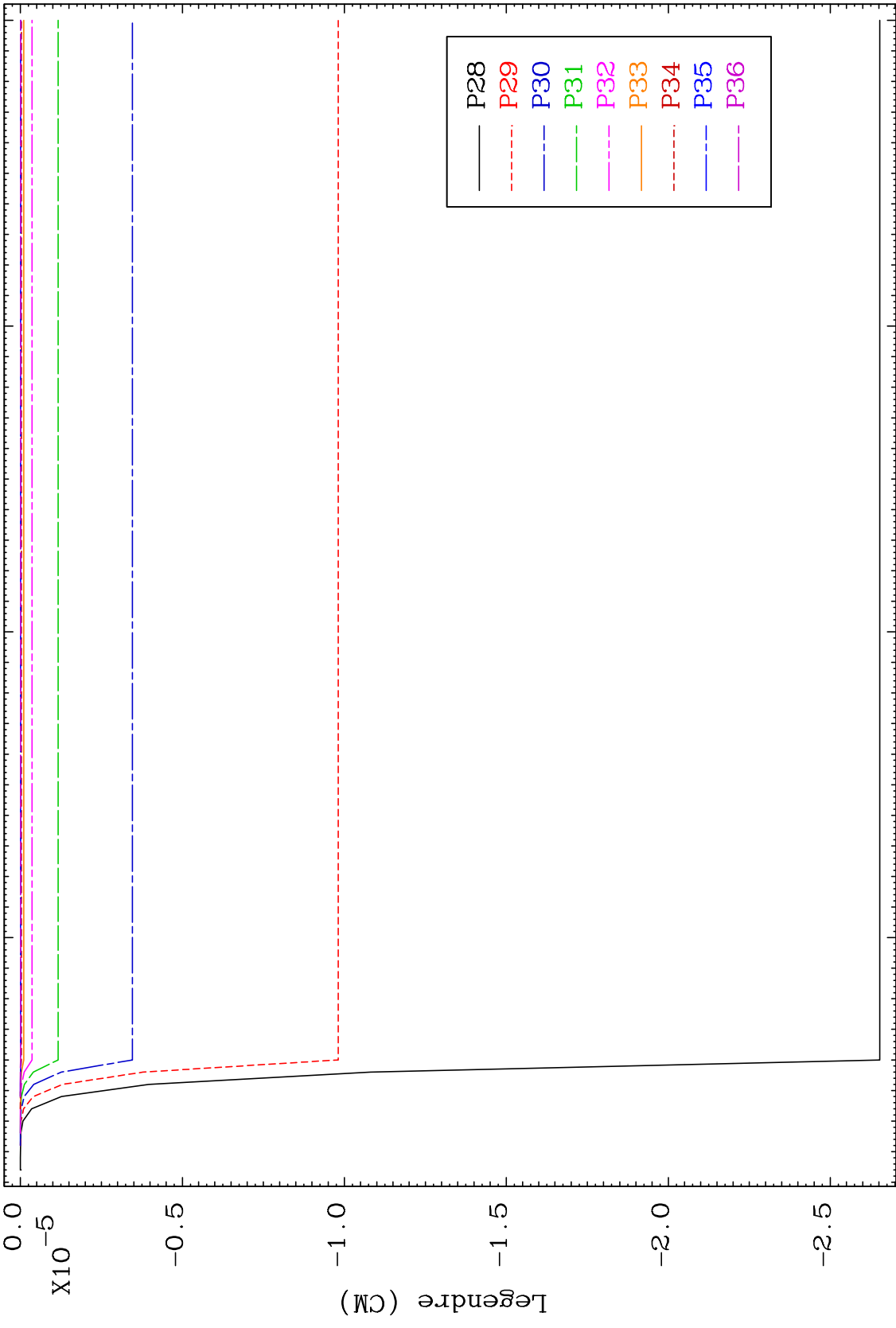


99

Incident Energy (MeV)

75-Re-184

MAT 7522 MT= 73 (n,n') Level Legendre Coefficients 75-Re-184

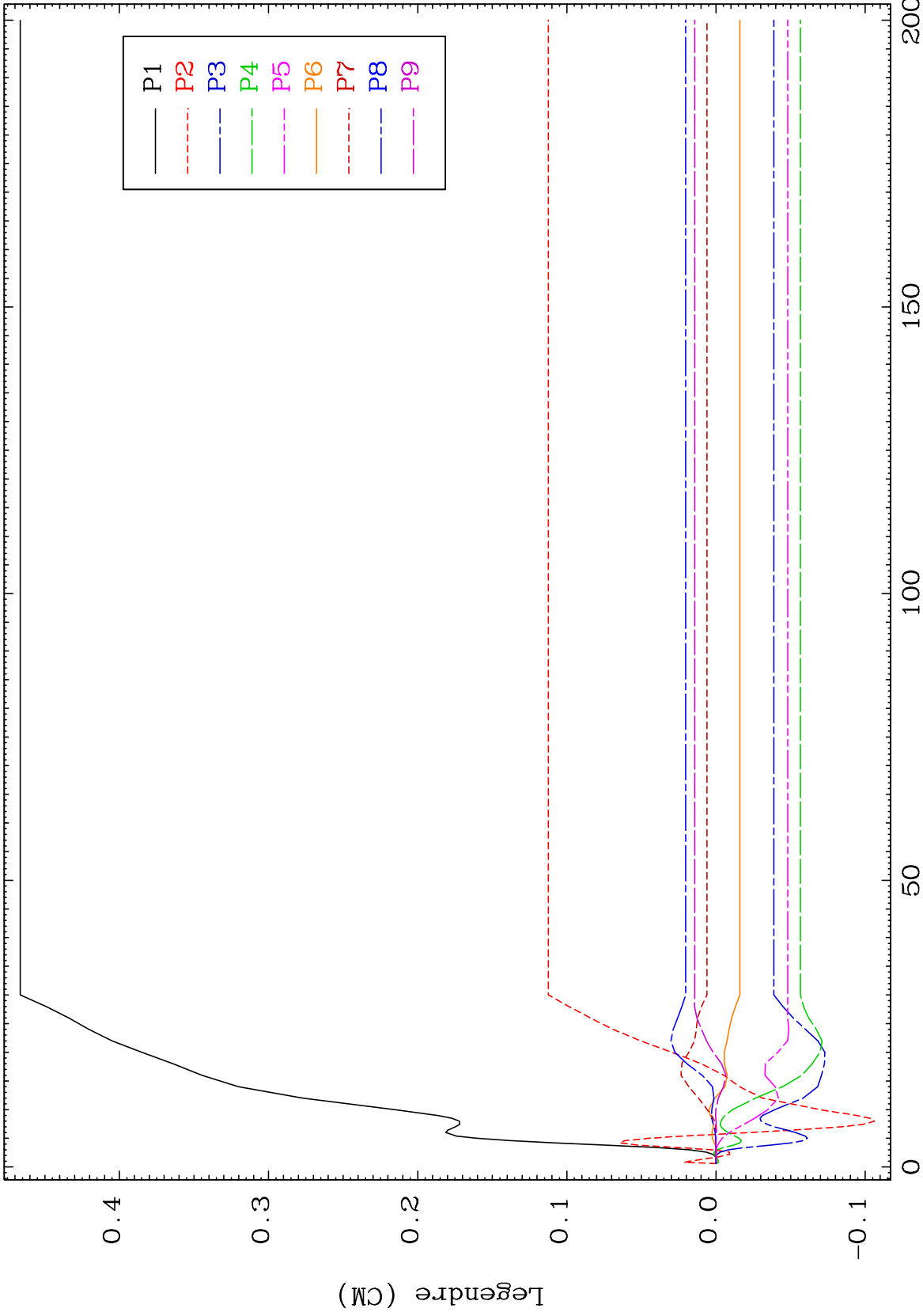


100 50 100 150 200 Incident Energy (MeV) 75-Re-184

MAT 7522

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

75-Re-184



75-Re-184

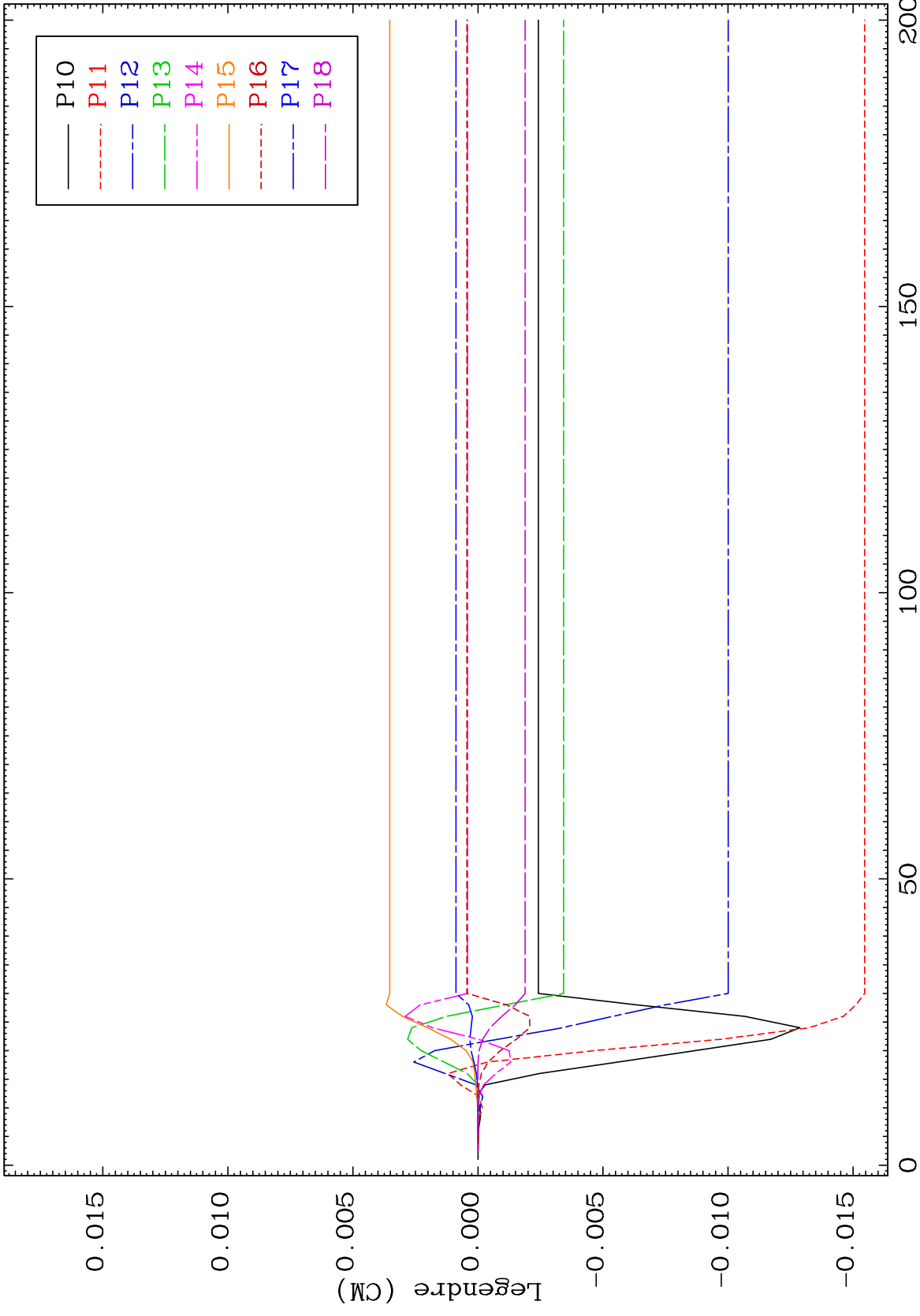
Incident Energy (MeV)

101

MAT 7522

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

75-Re-184



102

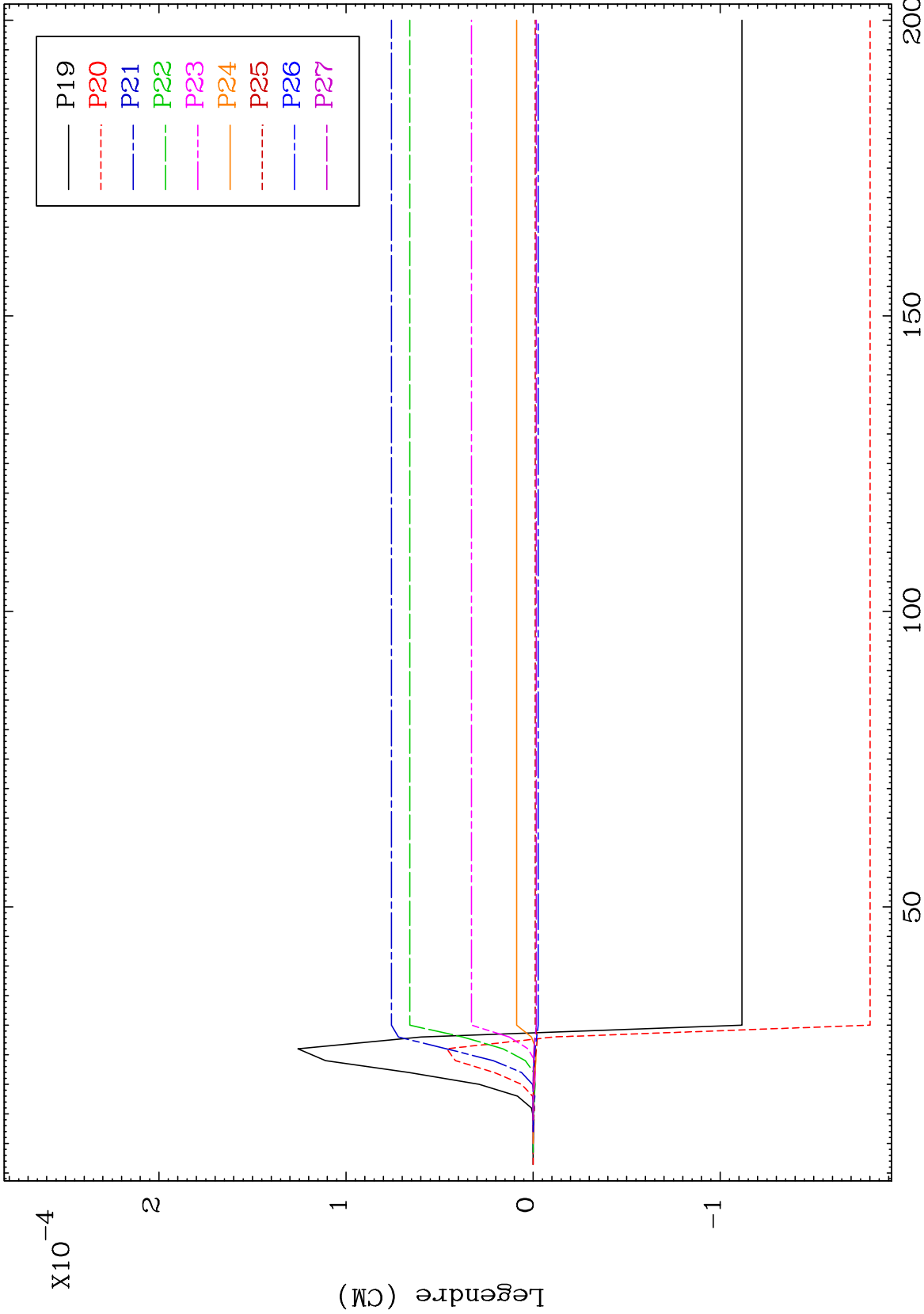
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184

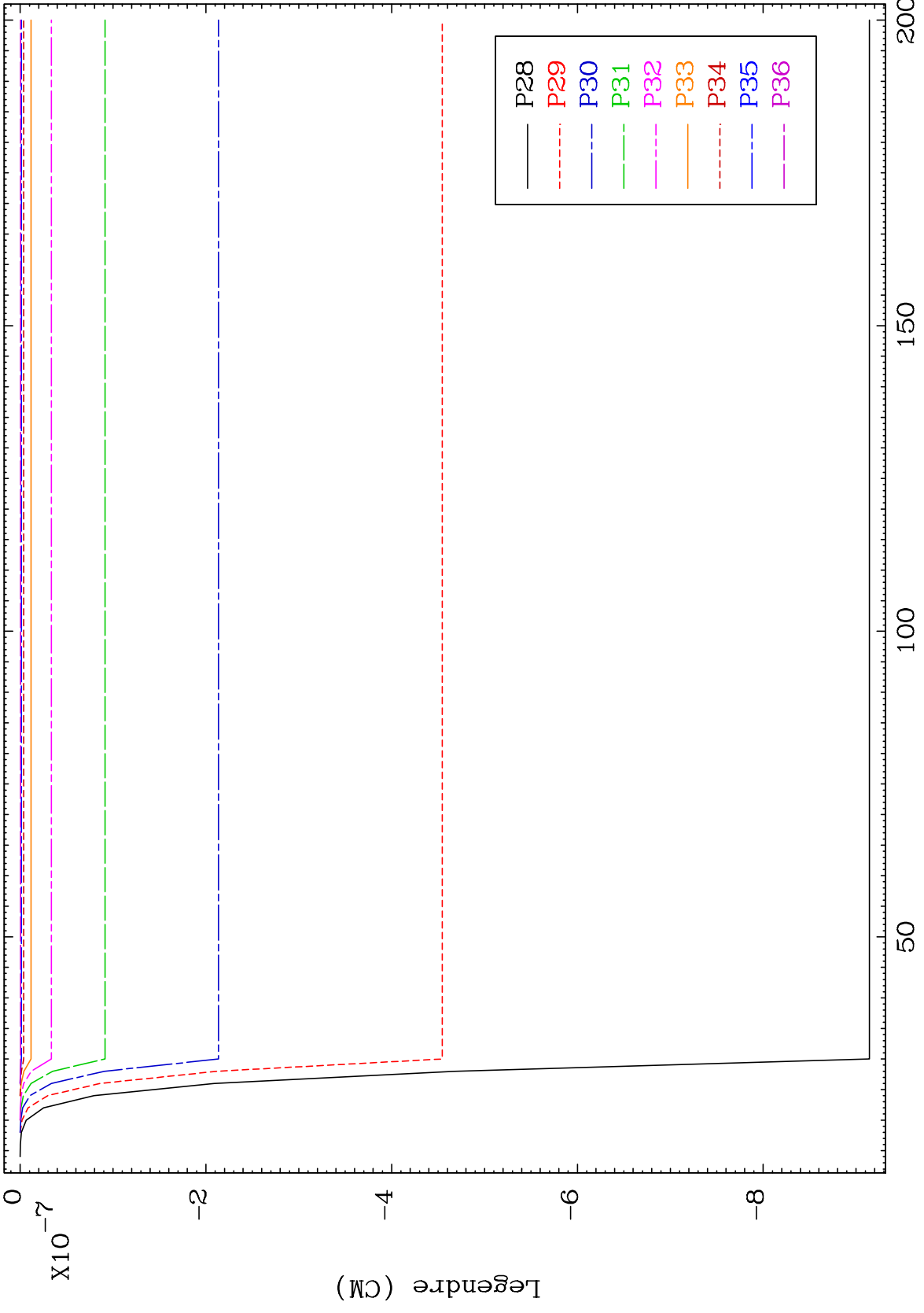


103

75-Re-184

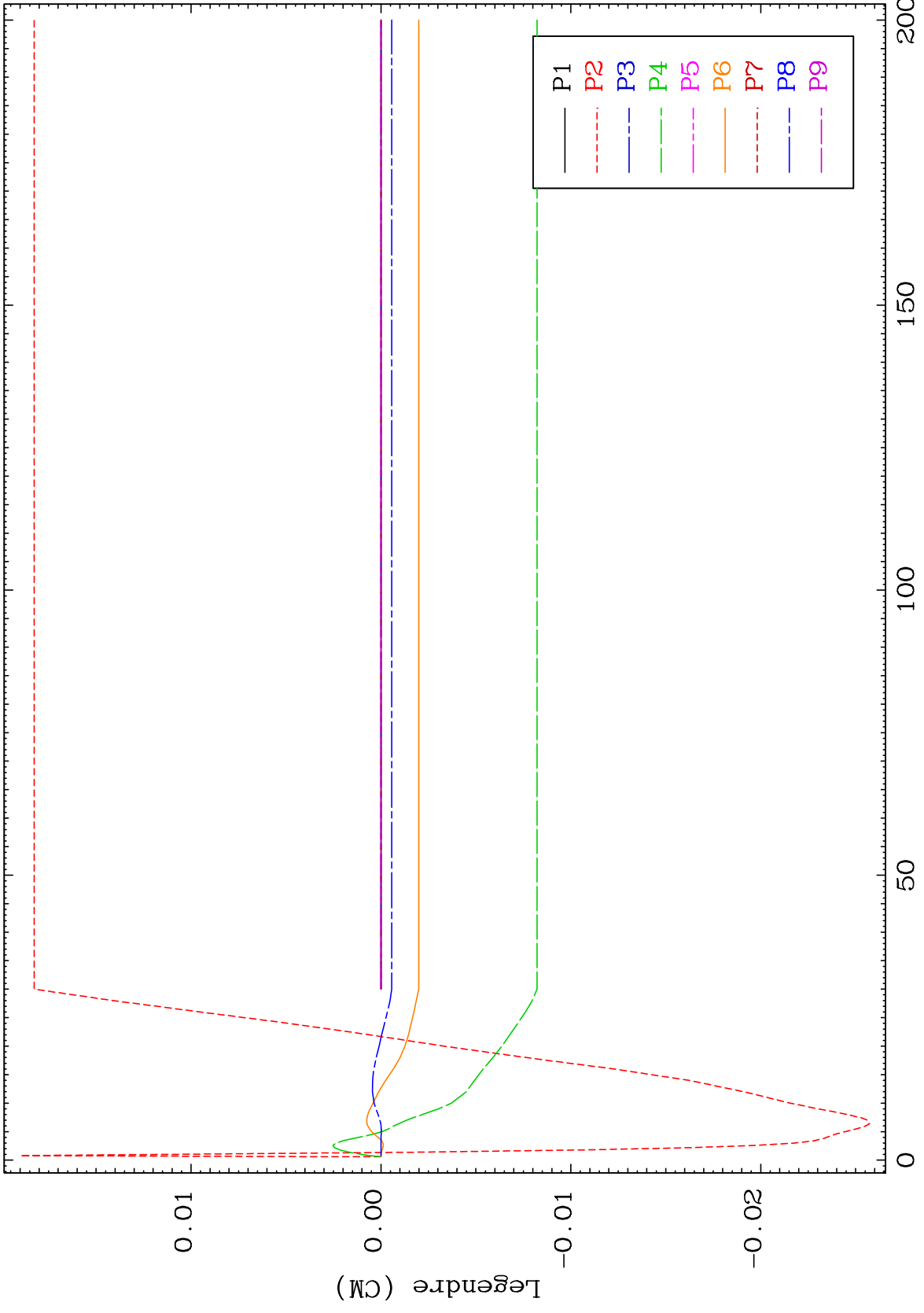


MAT 7522 MT= 74 (n,n') Level Legendre Coefficients 75-Re-184



104 75-Re-184

MAT 7522 MT= 75 (n,n') Level Legendre Coefficients 75-Re-184

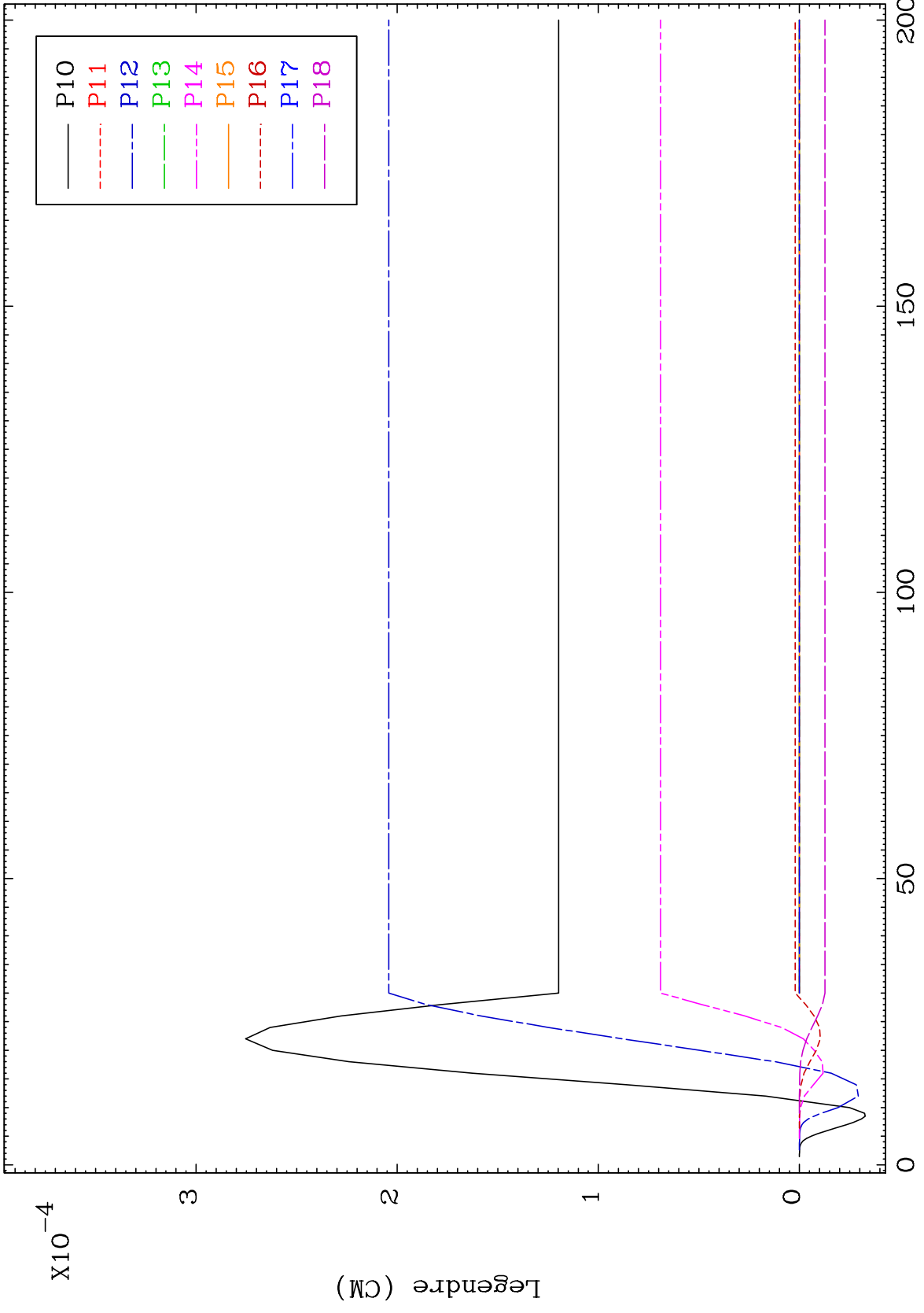


Legendre (CM) Incident Energy (MeV) 75-Re-184

MAT 7522

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

75-Re-184

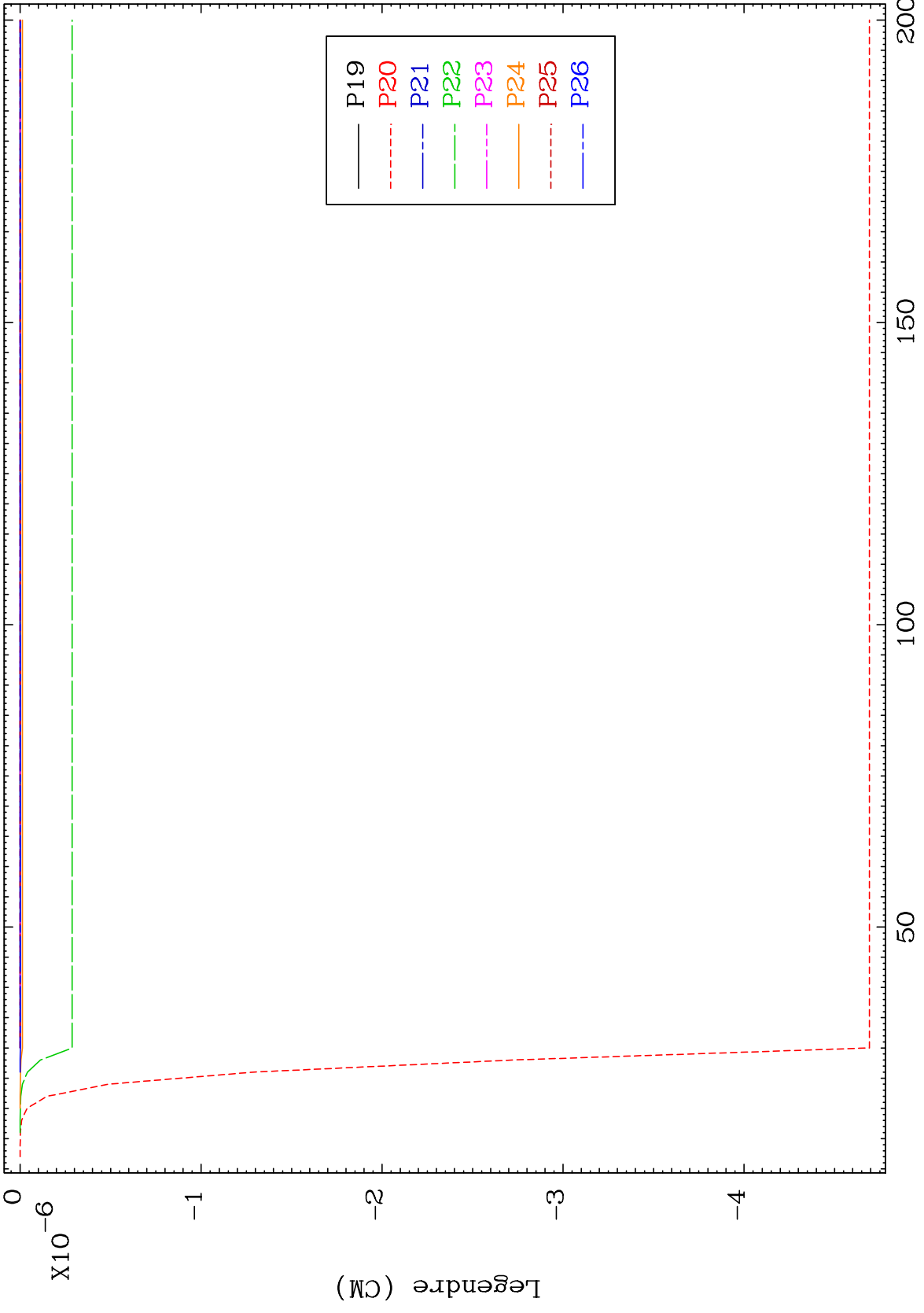


106

Incident Energy (MeV)

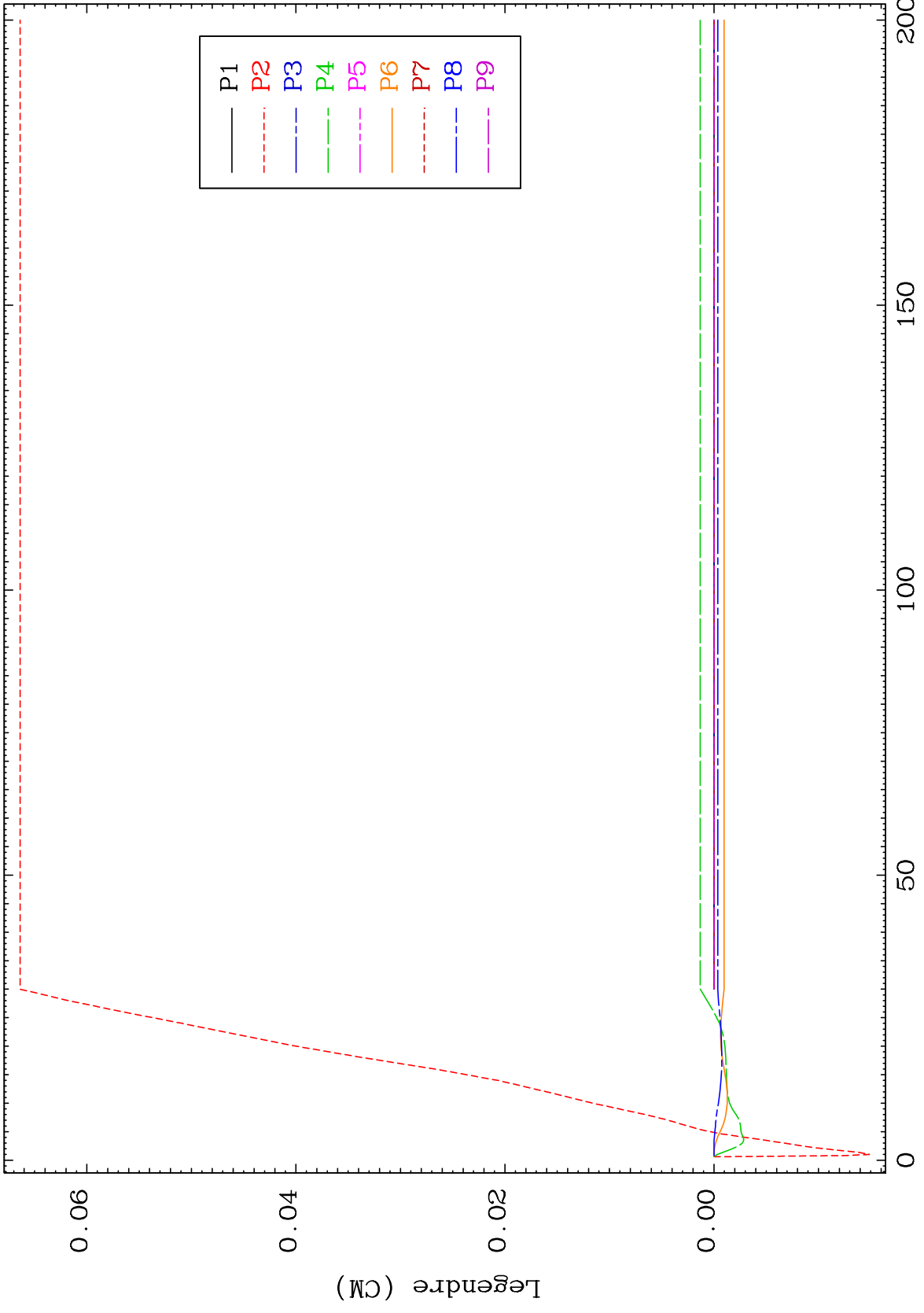
75-Re-184

MAT 7522 MT= 75 (n,n') Level Legendre Coefficients 75-Re-184



107 Incident Energy (MeV) 75-Re-184

MAT 7522 MT= 76 (n,n') Level Legendre Coefficients 75-Re-184

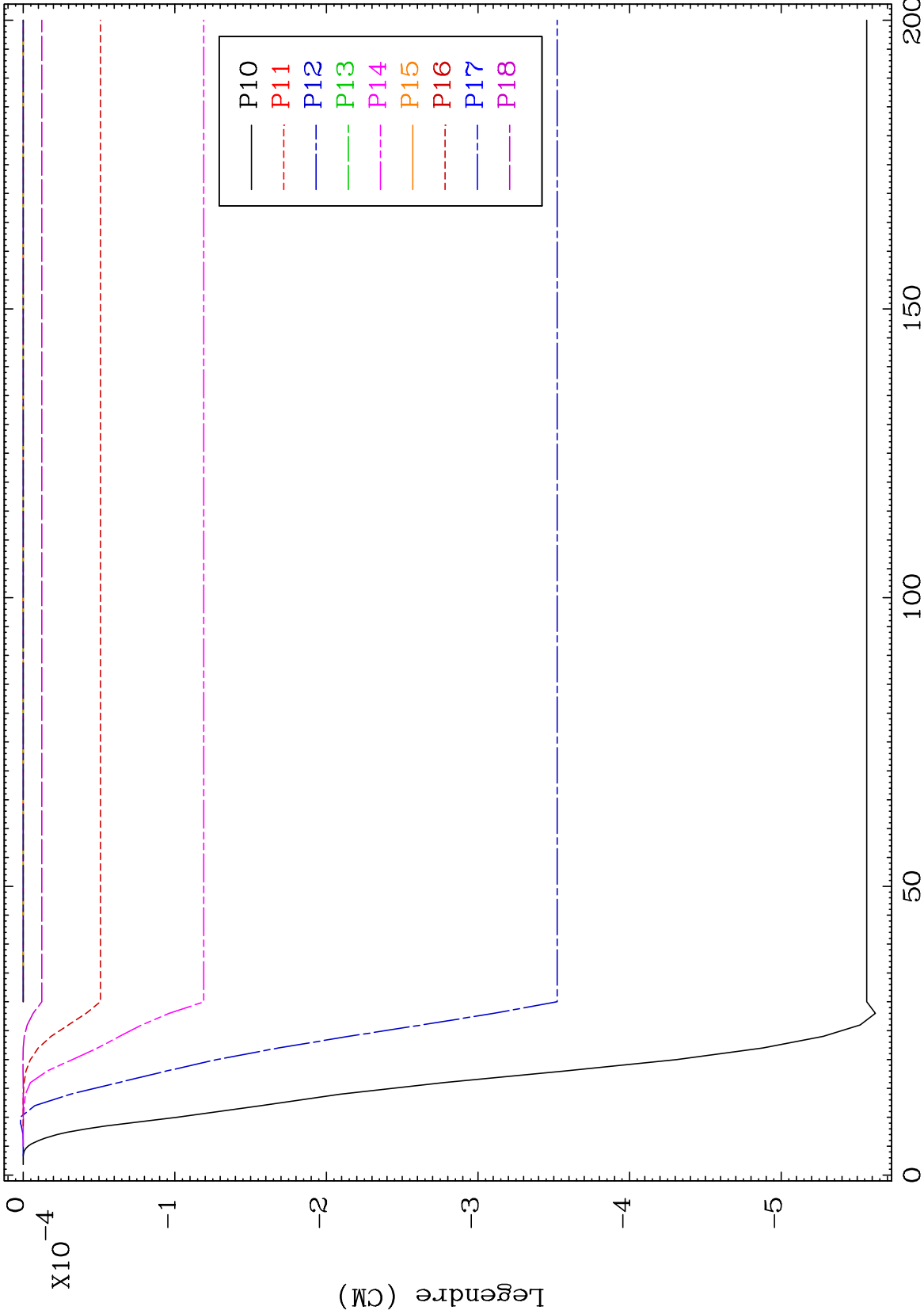


108 Incident Energy (MeV) 75-Re-184

MAT 7522

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

75-Re-184

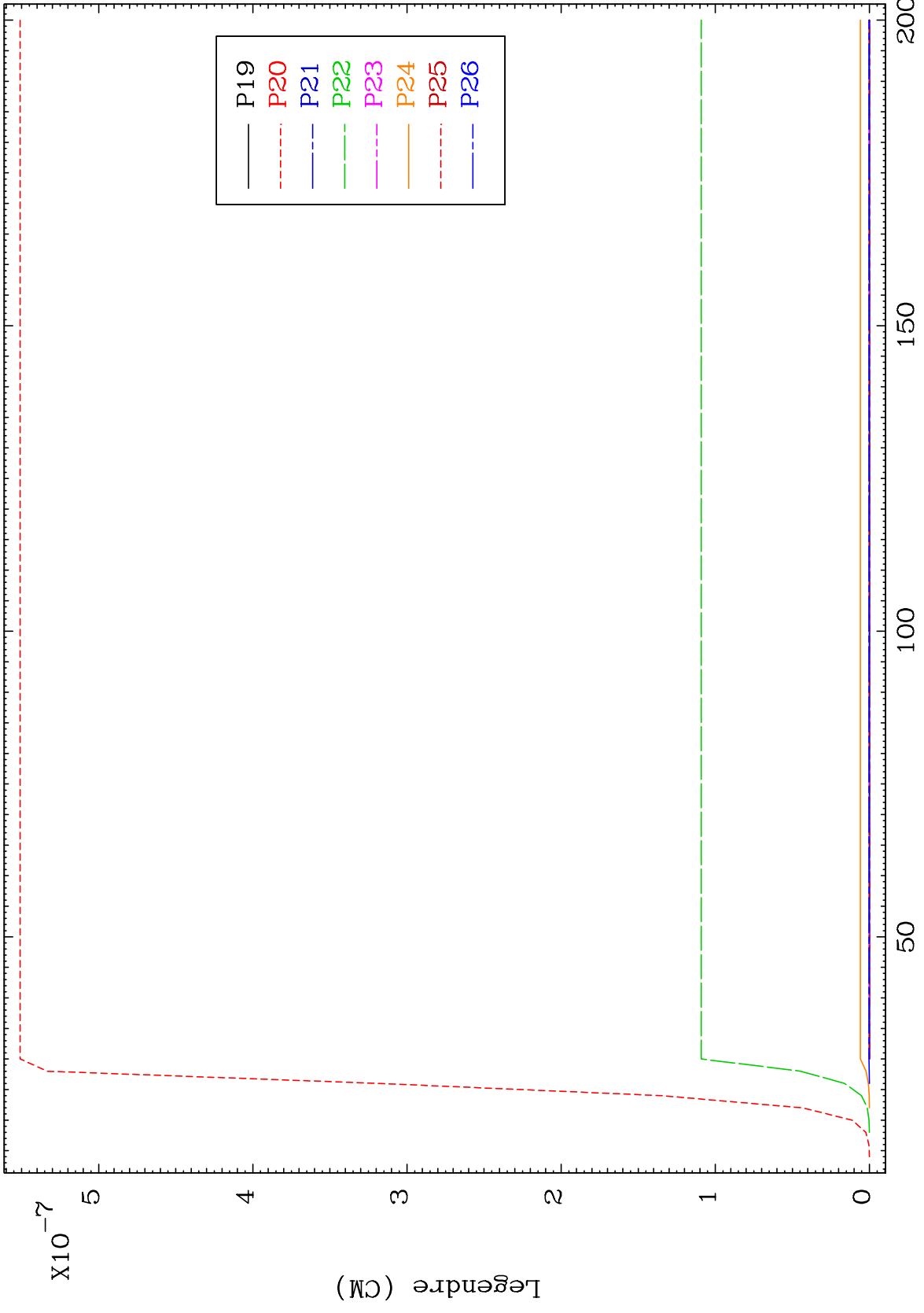


109

Incident Energy (MeV)

75-Re-184

MAT 7522 MT= 76 (n,n') Level Legendre Coefficients 75-Re-184

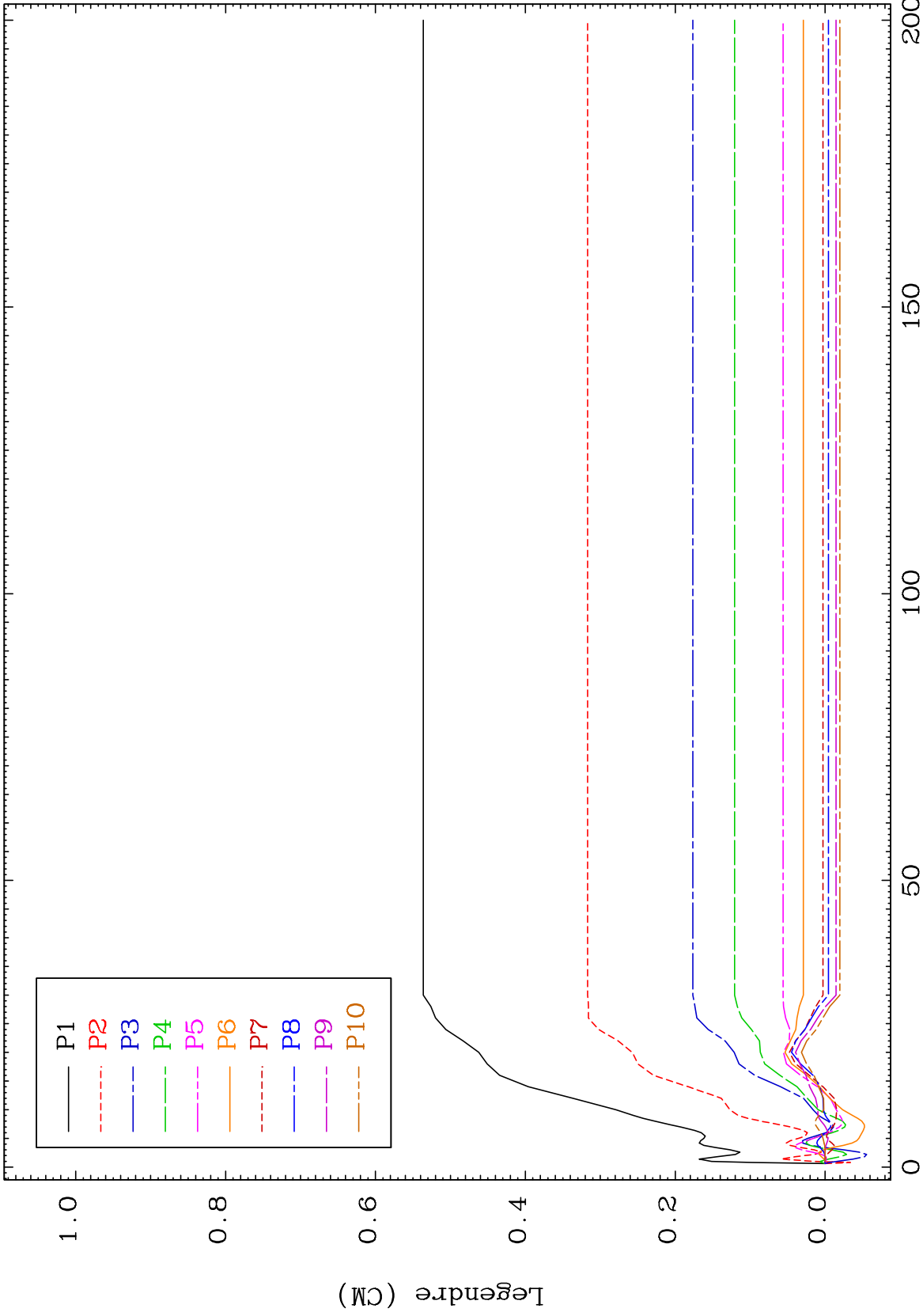


110 50 100 150 200 Incident Energy (MeV) 75-Re-184

MAT 7522

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

75-Re-184



111

Incident Energy (MeV)

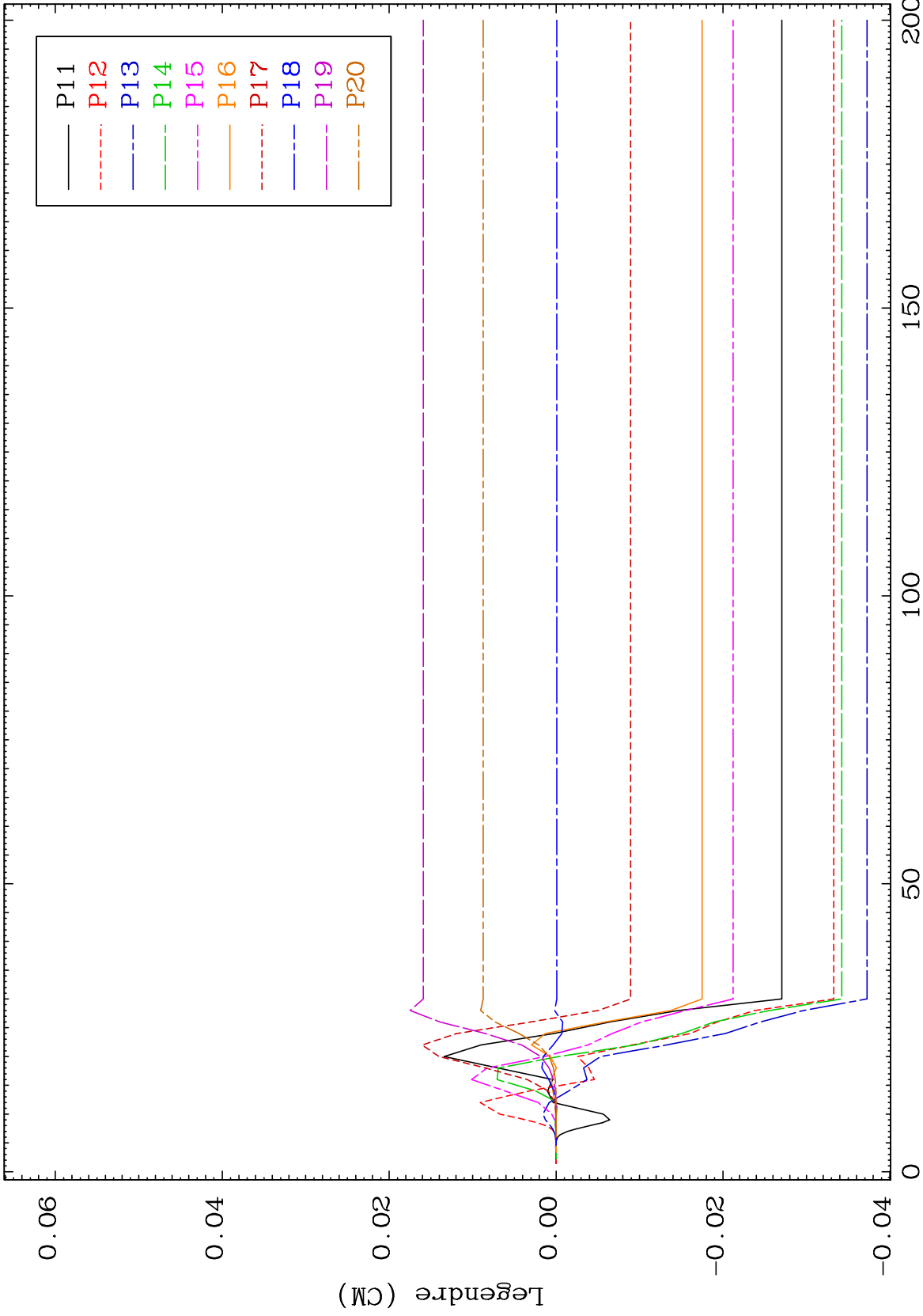
75-Re-184



MAT 7522

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

75-Re-184



112

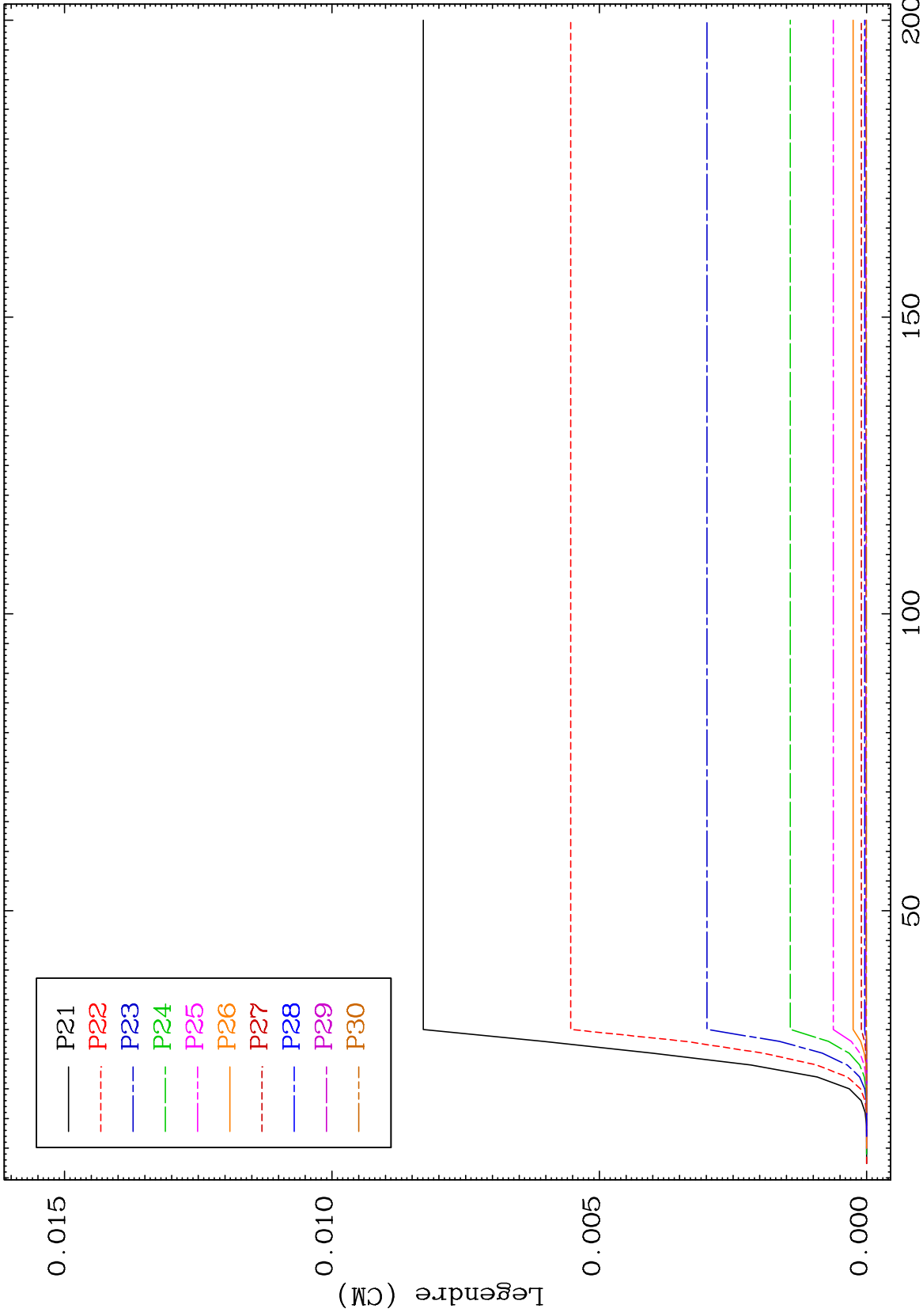
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184



113

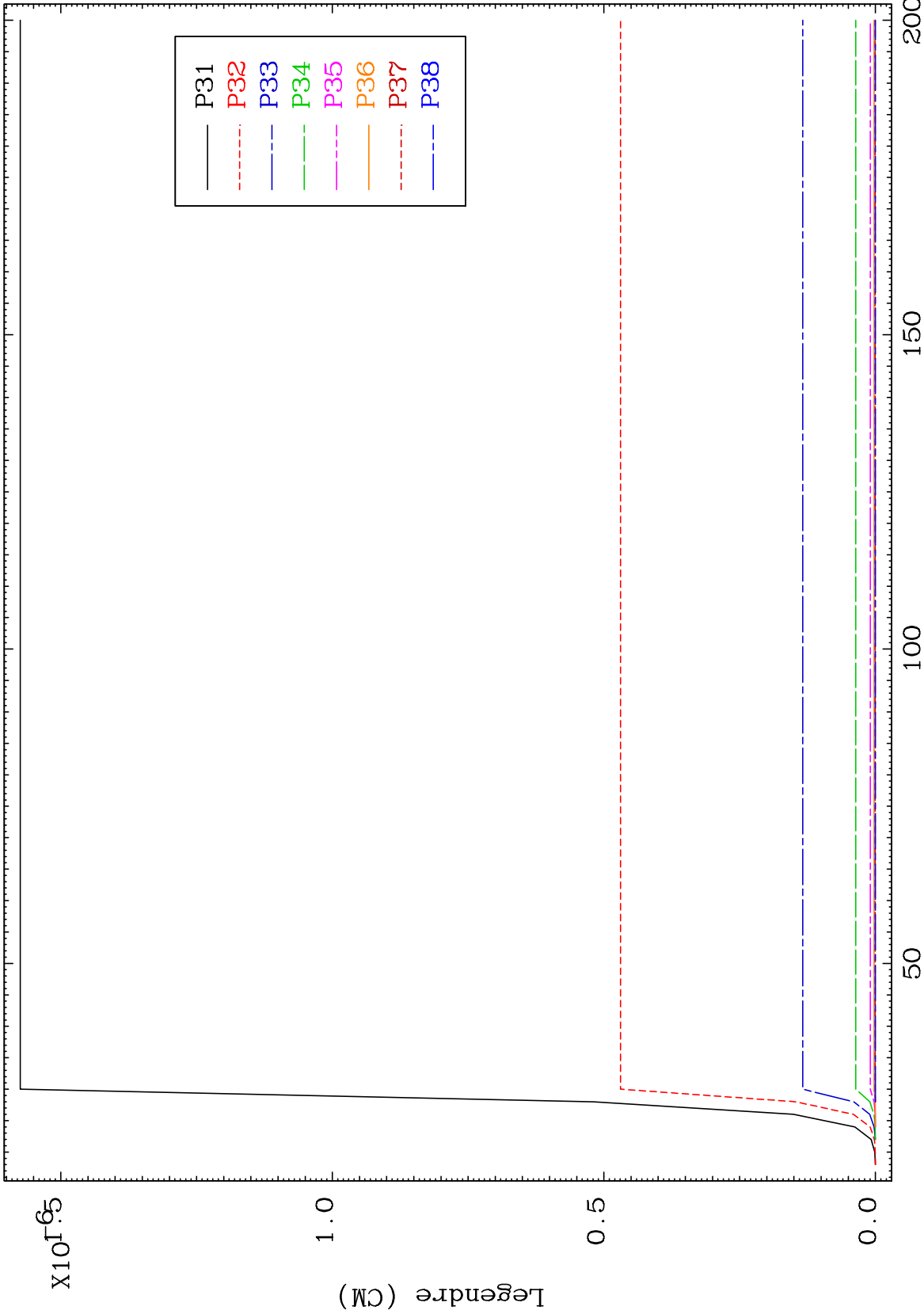
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184

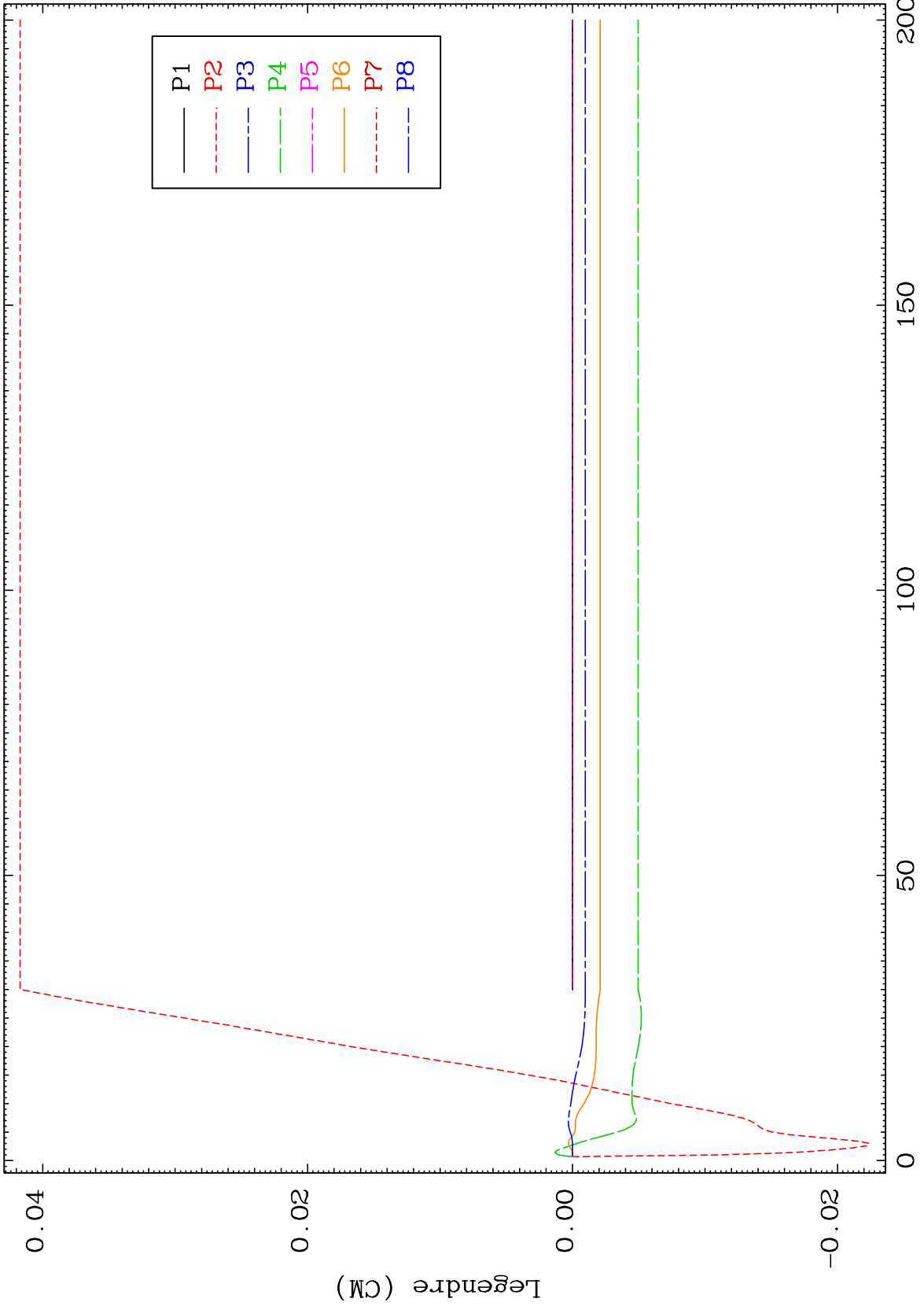


114

Incident Energy (MeV)

75-Re-184

MAT 7522 MT= 78 (n,n') Level Legendre Coefficients 75-Re-184

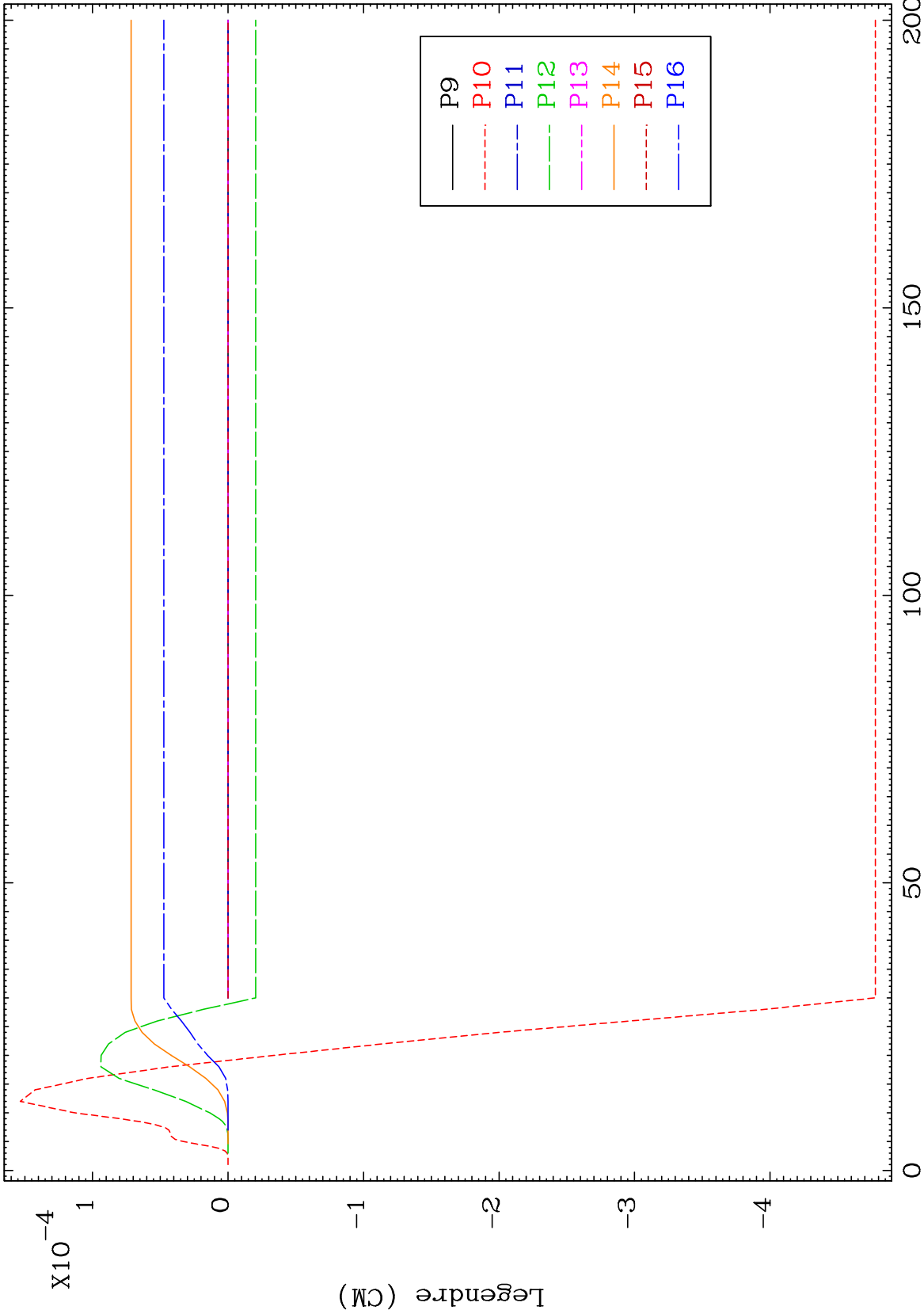


115 Incident Energy (MeV) 75-Re-184

MAT 7522

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

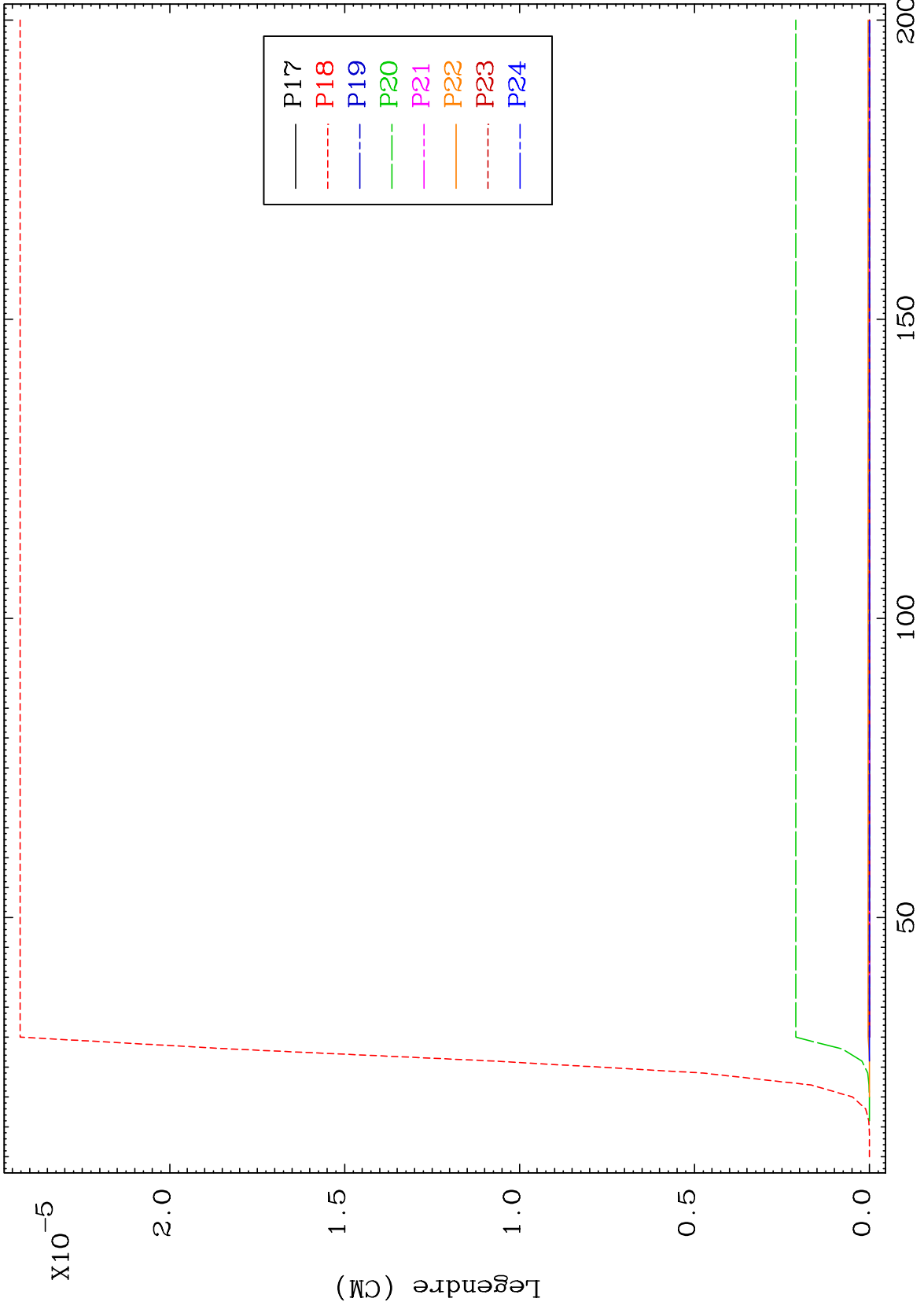
75-Re-184



116

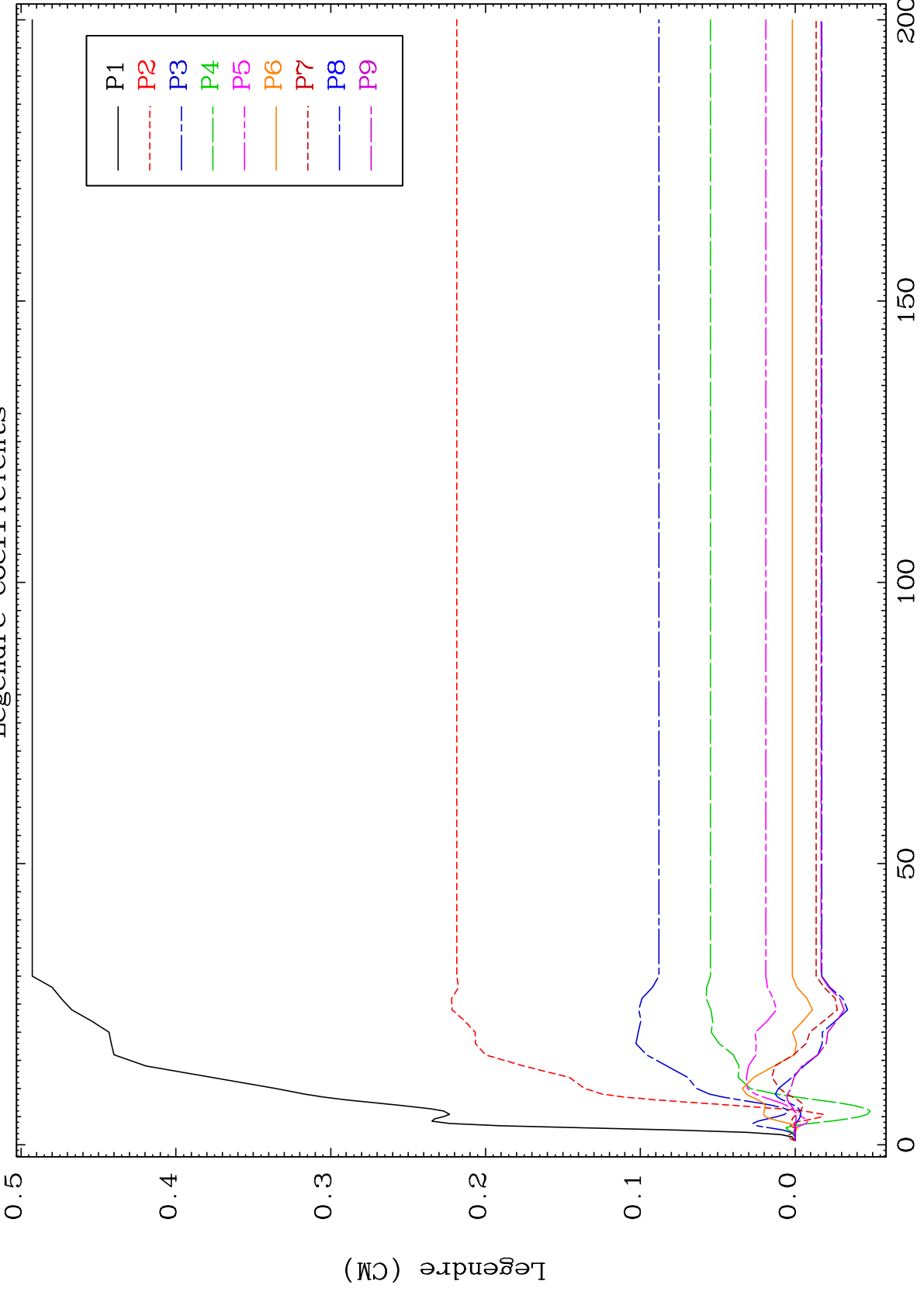
75-Re-184

MAT 7522 MT= 78 (n,n') Level Legendre Coefficients 75-Re-184



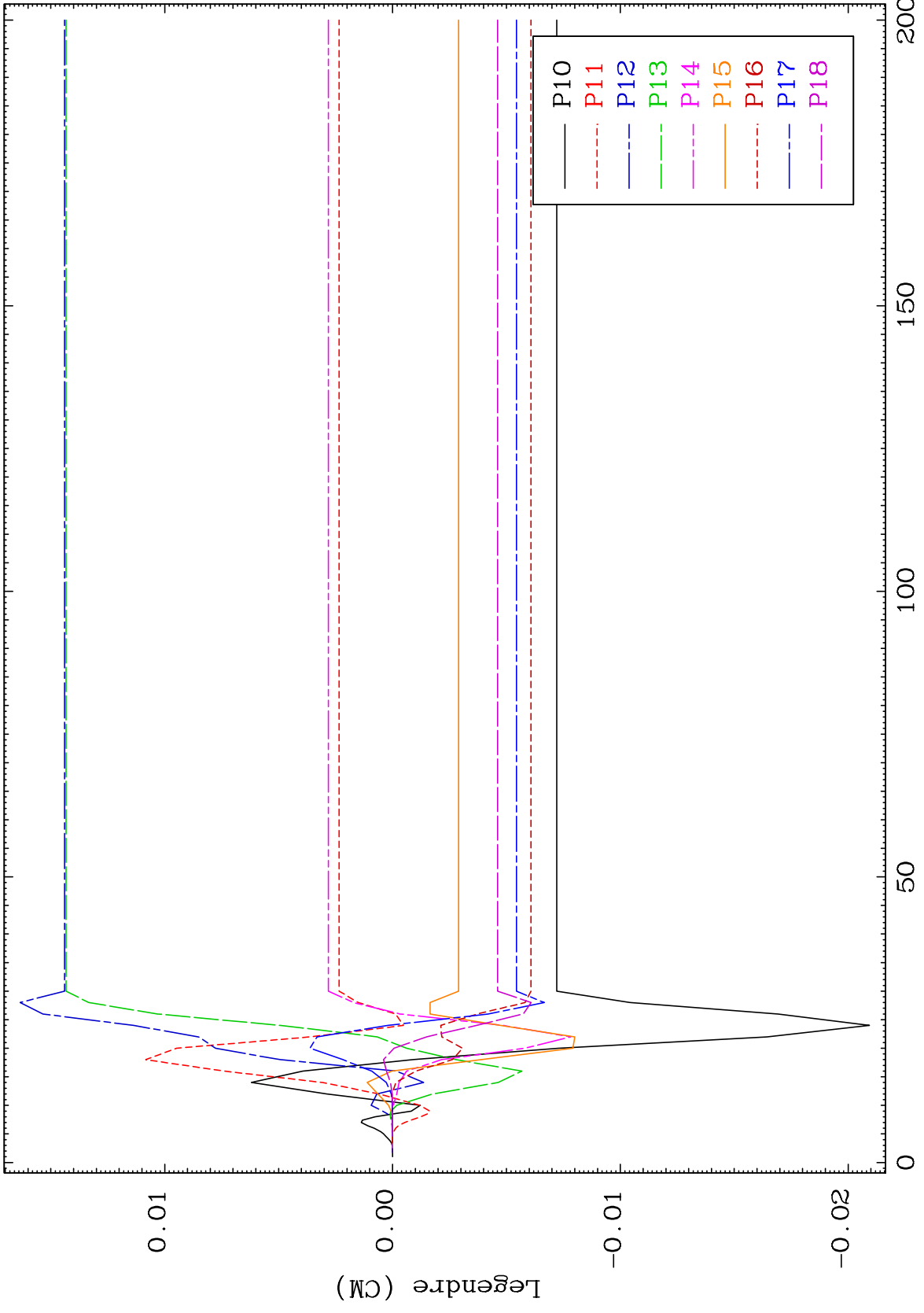
117 75-Re-184

MAT 7522 MT= 79 (n,n') Level Legendre Coefficients 75-Re-184



118 75-Re-184

MAT 7522 MT= 79 (n,n') Level Legendre Coefficients 75-Re-184



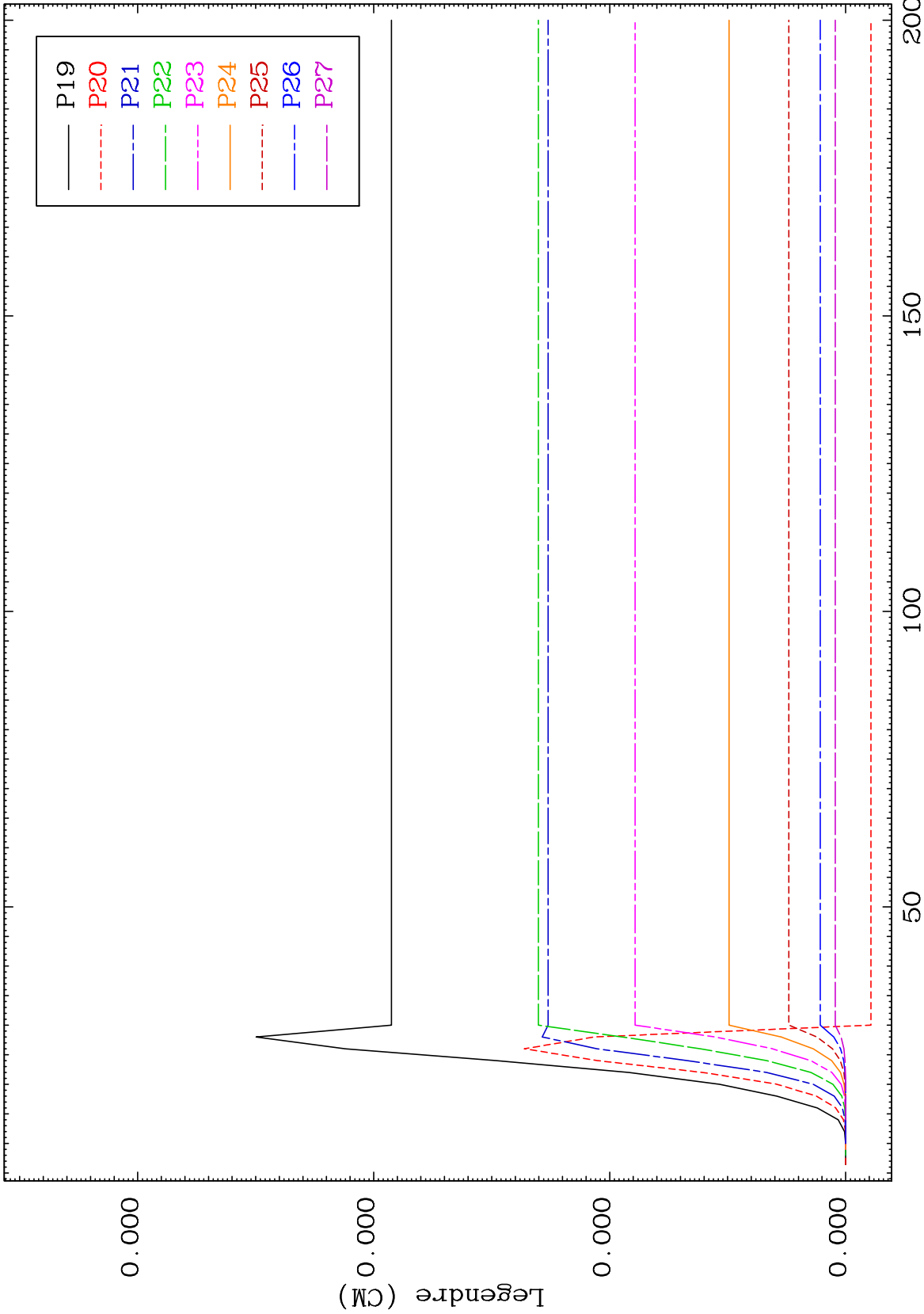
119 75-Re-184



MAT 7522

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

75-Re-184



120

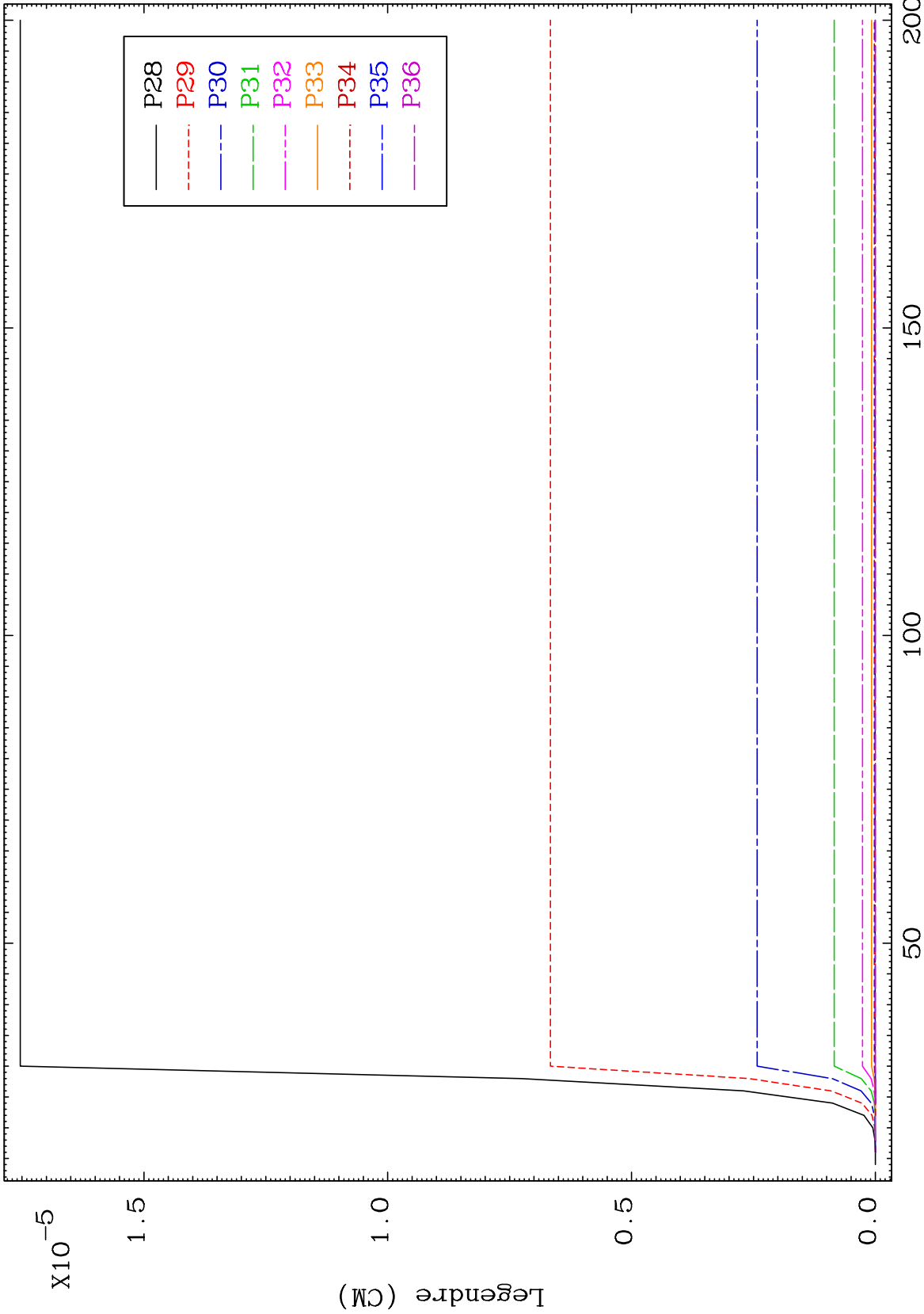
Incident Energy (MeV)

75-Re-184

MAT 7522

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

75-Re-184

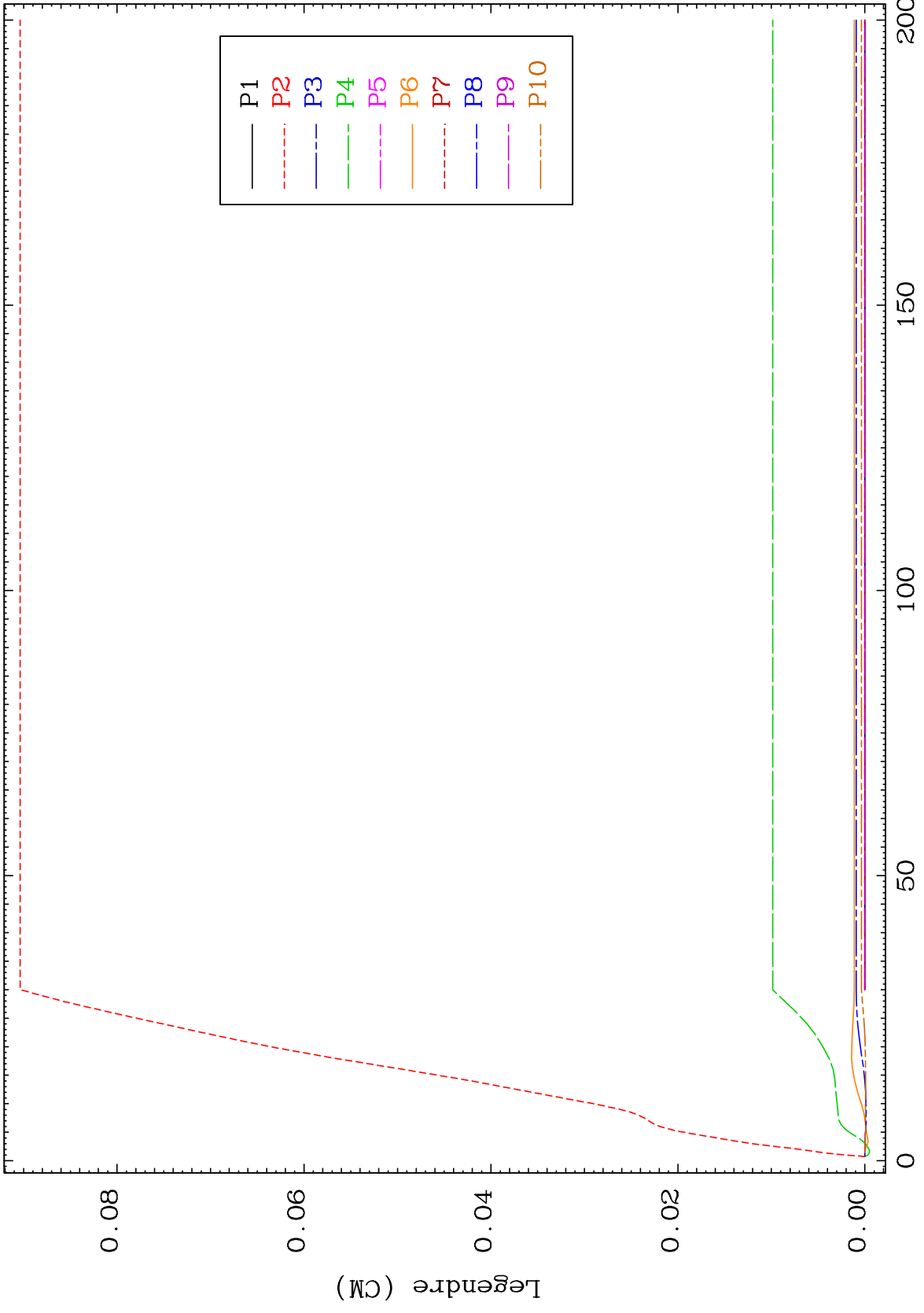


121

Incident Energy (MeV)

75-Re-184

MAT 7522 MT= 80 (n,n') Level Legendre Coefficients 75-Re-184

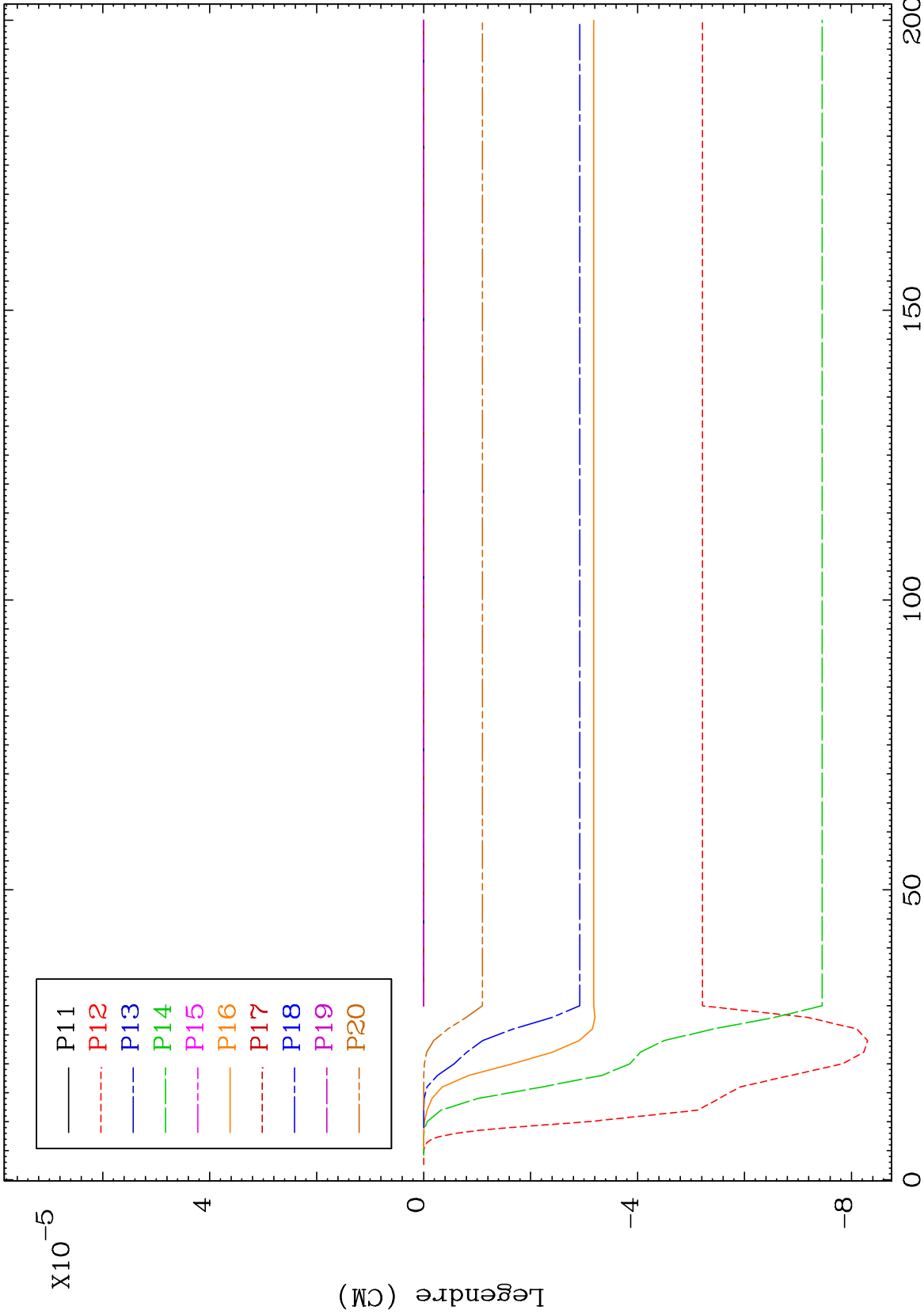


122 Incident Energy (MeV) 75-Re-184

MAT 7522

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

75-Re-184

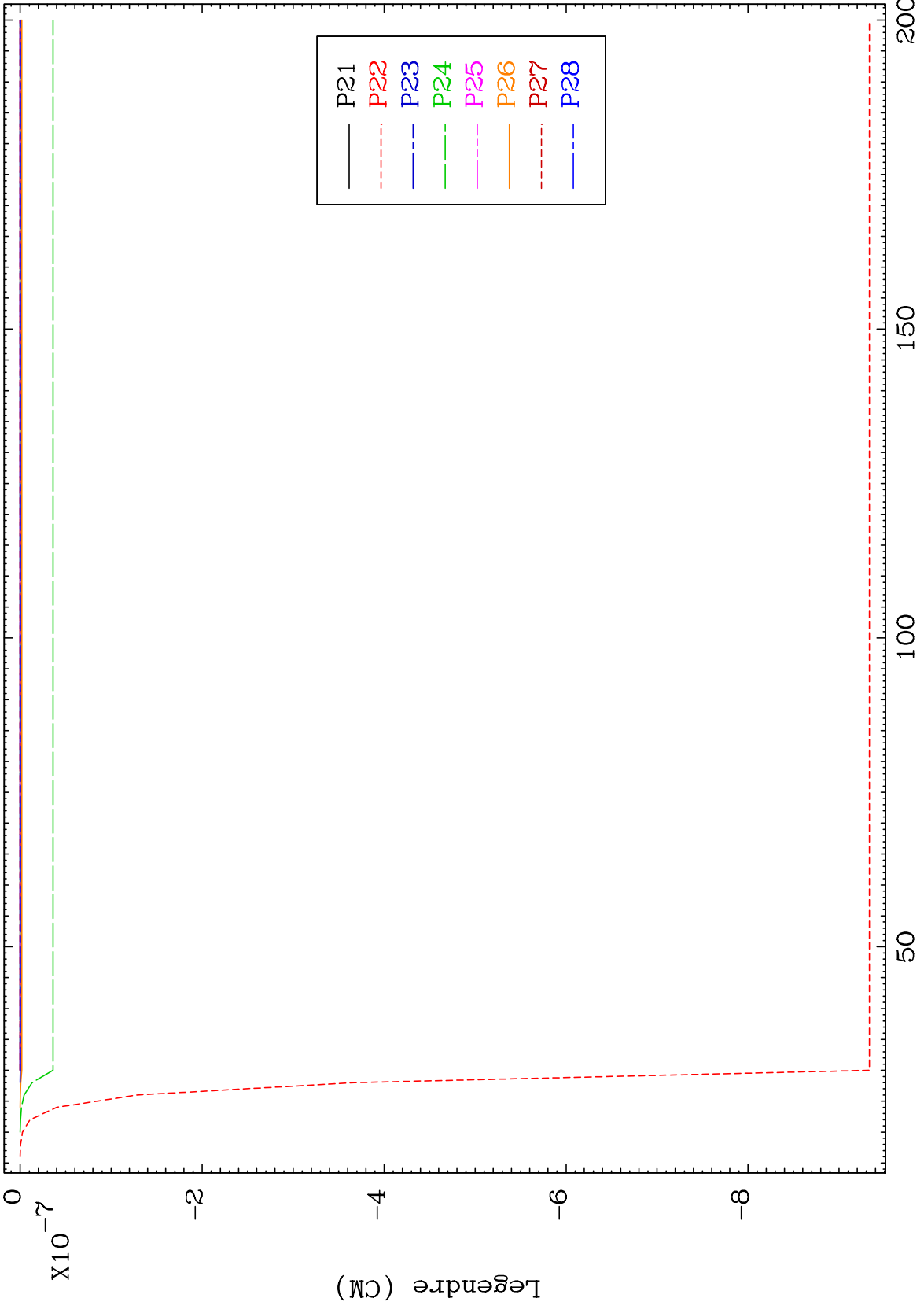


123

Incident Energy (MeV)

75-Re-184

MAT 7522 MT= 80 (n,n') Level Legendre Coefficients 75-Re-184

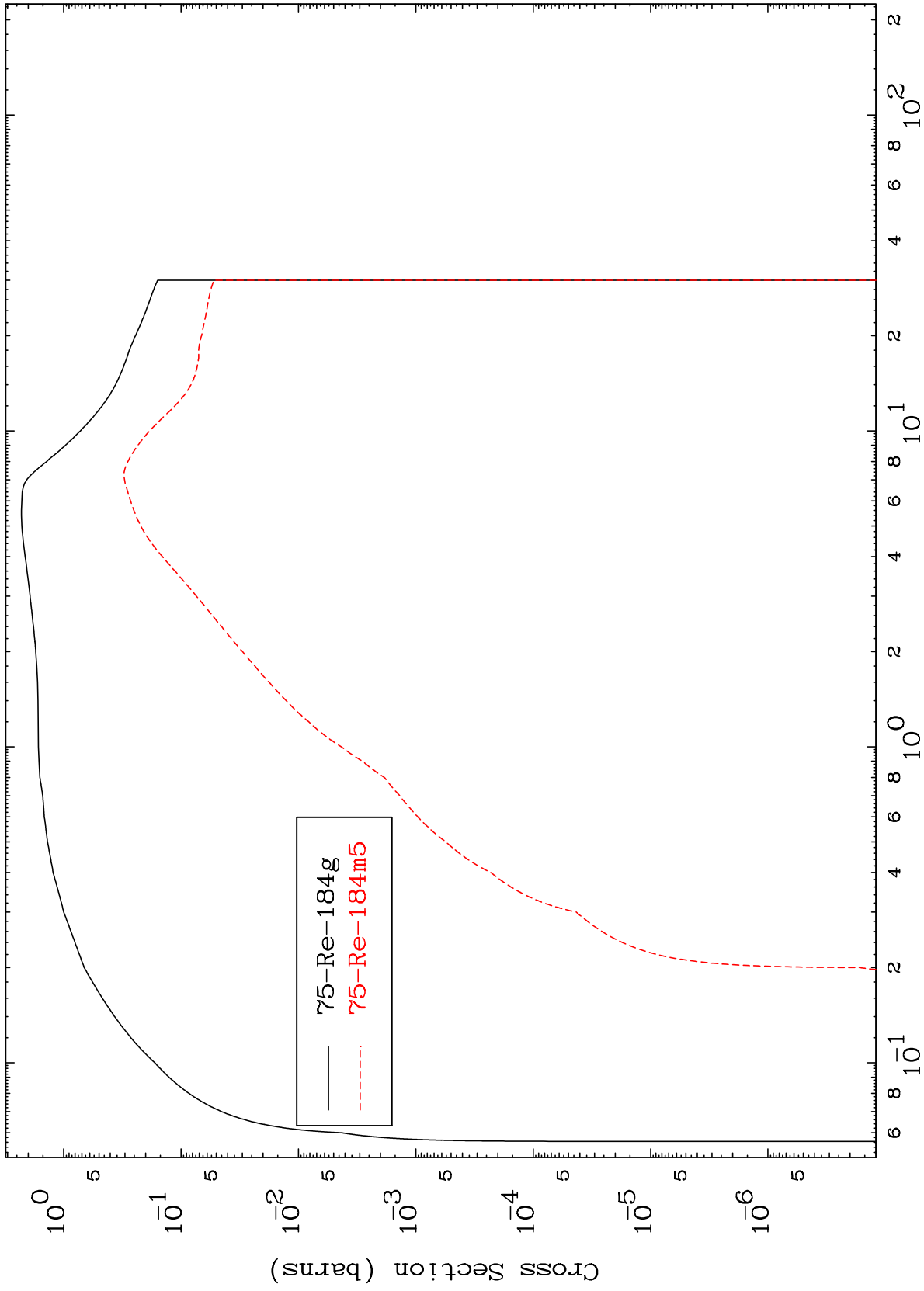


124 75-Re-184

MAT 7522

# Inelastic Radionuclide Production Cross Section

75-Re-184



125

Incident Energy (MeV)

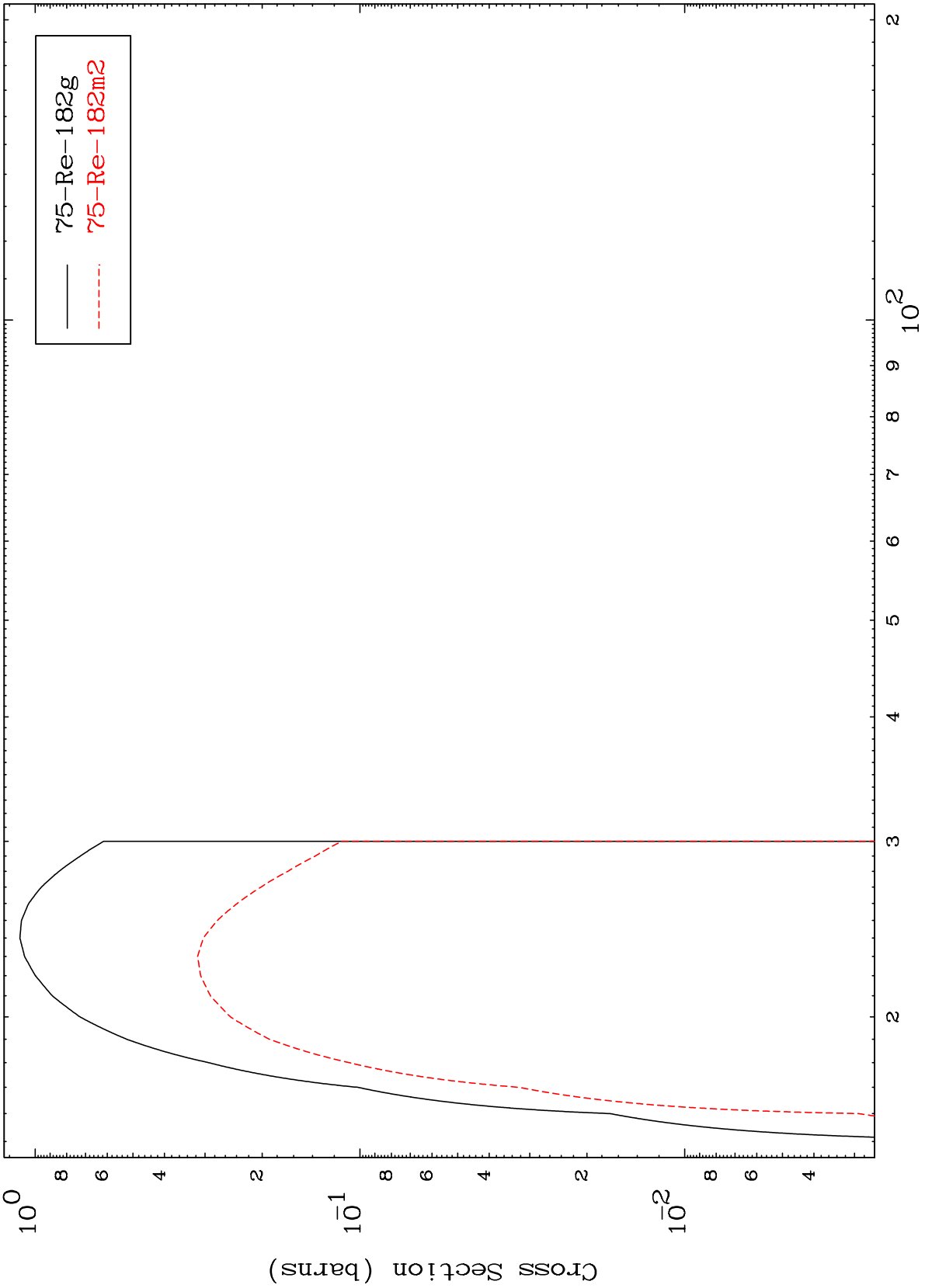
75-Re-184

MAT 7522

(n,3n)

75-Re-184

Radionuclide Production Cross Section



75-Re-182g  
75-Re-182m2

126

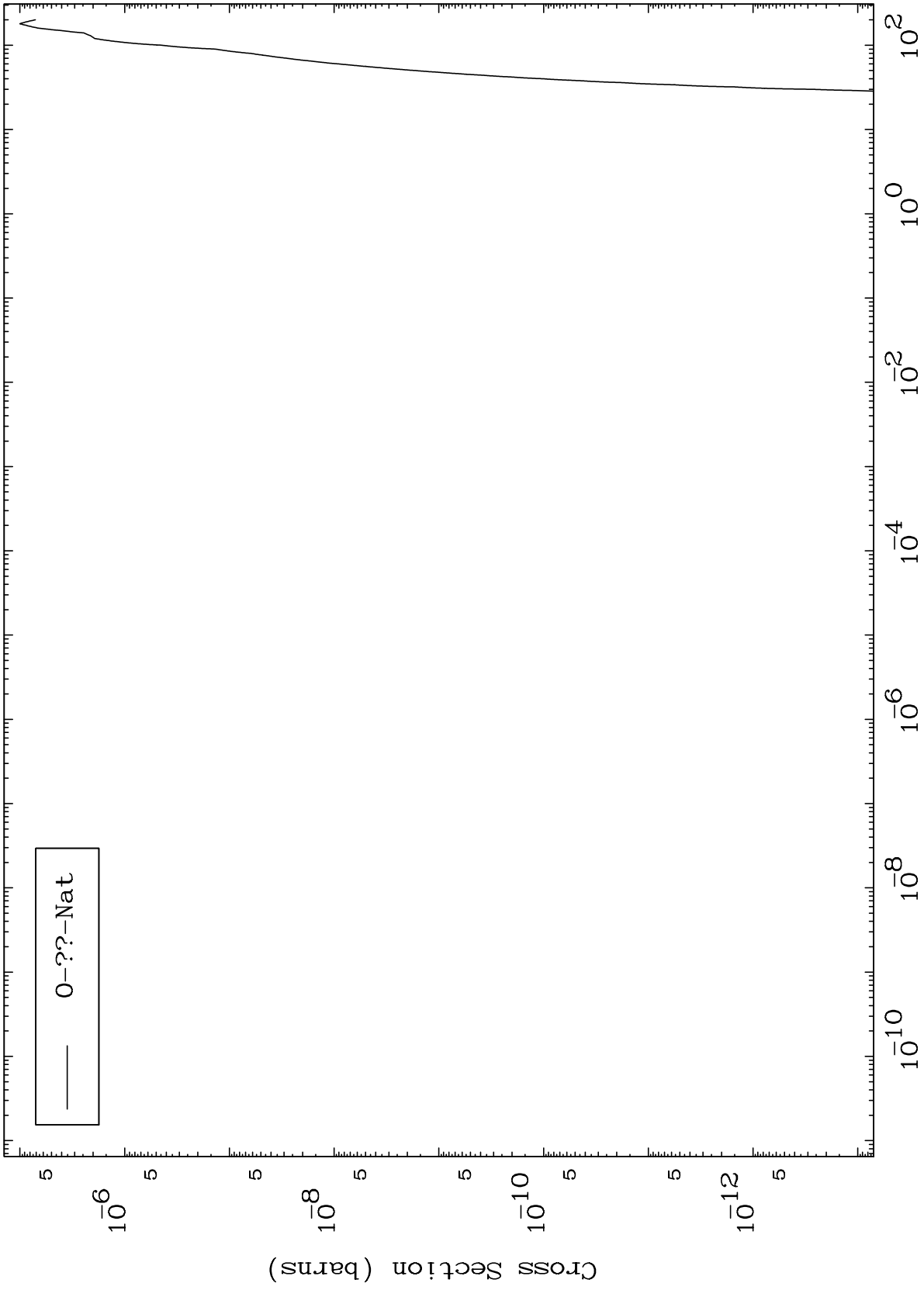
Incident Energy (MeV)

75-Re-184

MAT 7522

Fission  
Radionuclide Production Cross Section

75-Re-184



127

Incident Energy (MeV)

75-Re-184

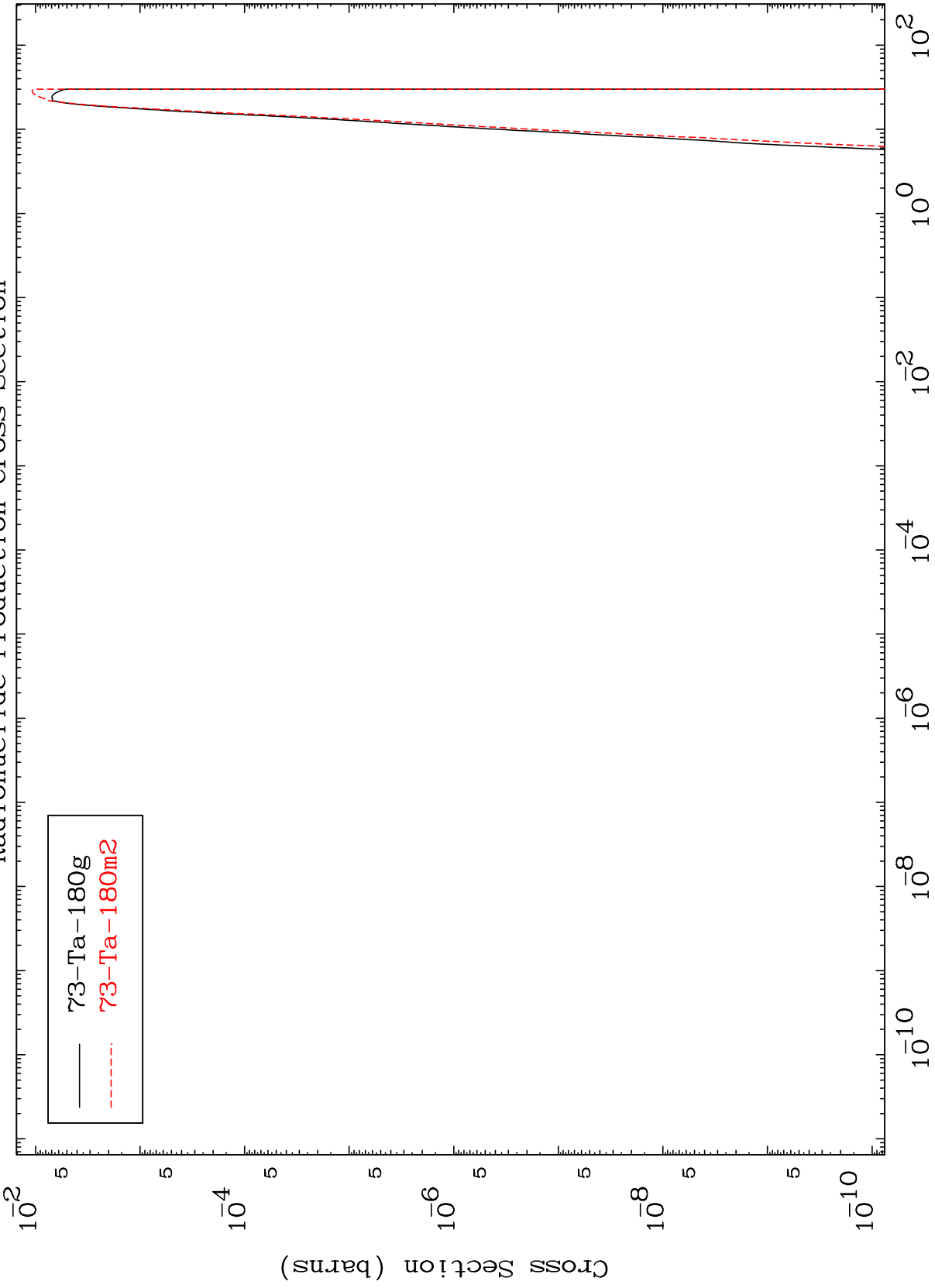


MAT 7522

(n,n')  $\alpha$

75-Re-184

Radionuclide Production Cross Section



128

Incident Energy (MeV)

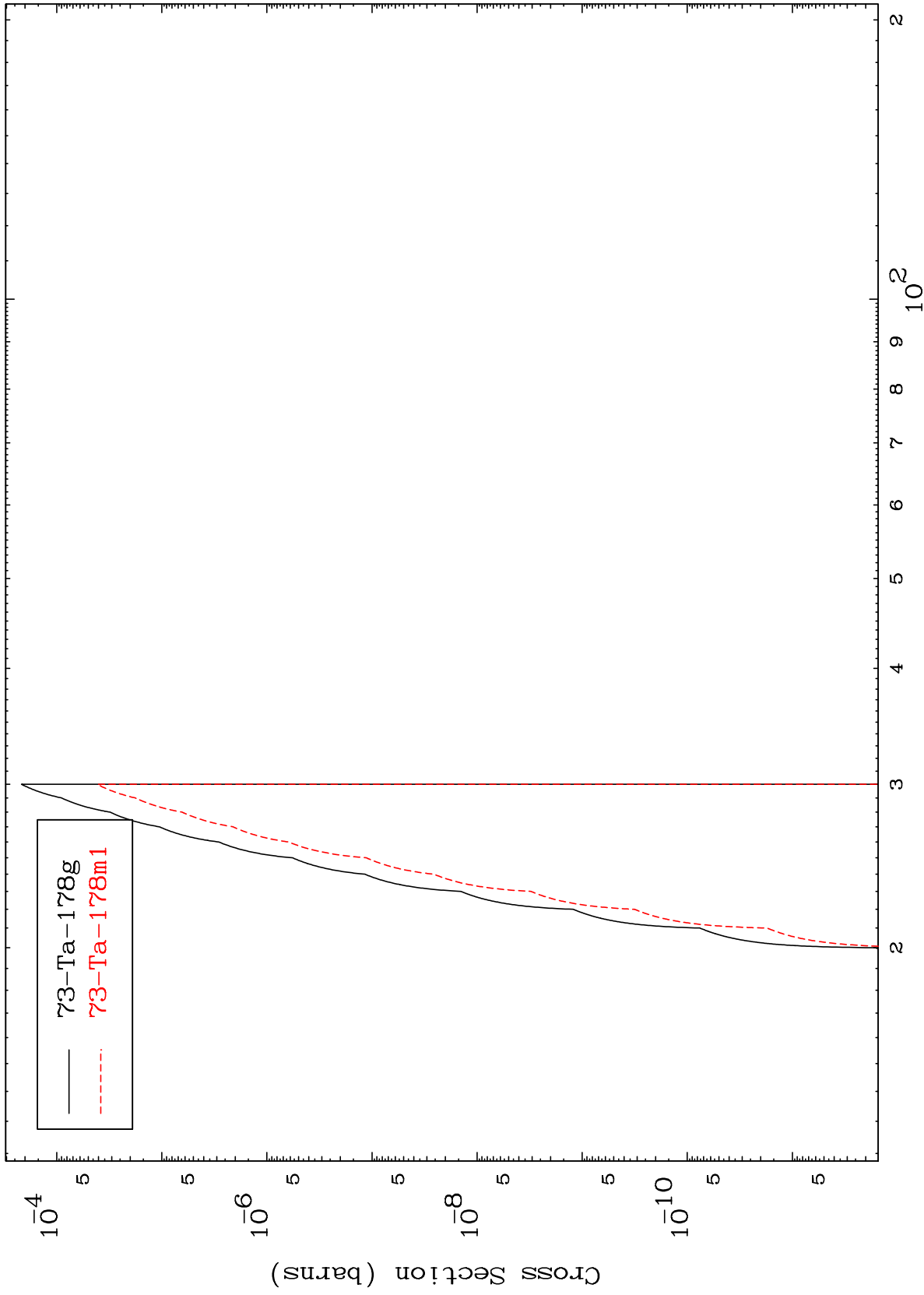
75-Re-184

MAT 7522

(n,3n)  $\alpha$

75-Re-184

Radionuclide Production Cross Section



129

Incident Energy (MeV)

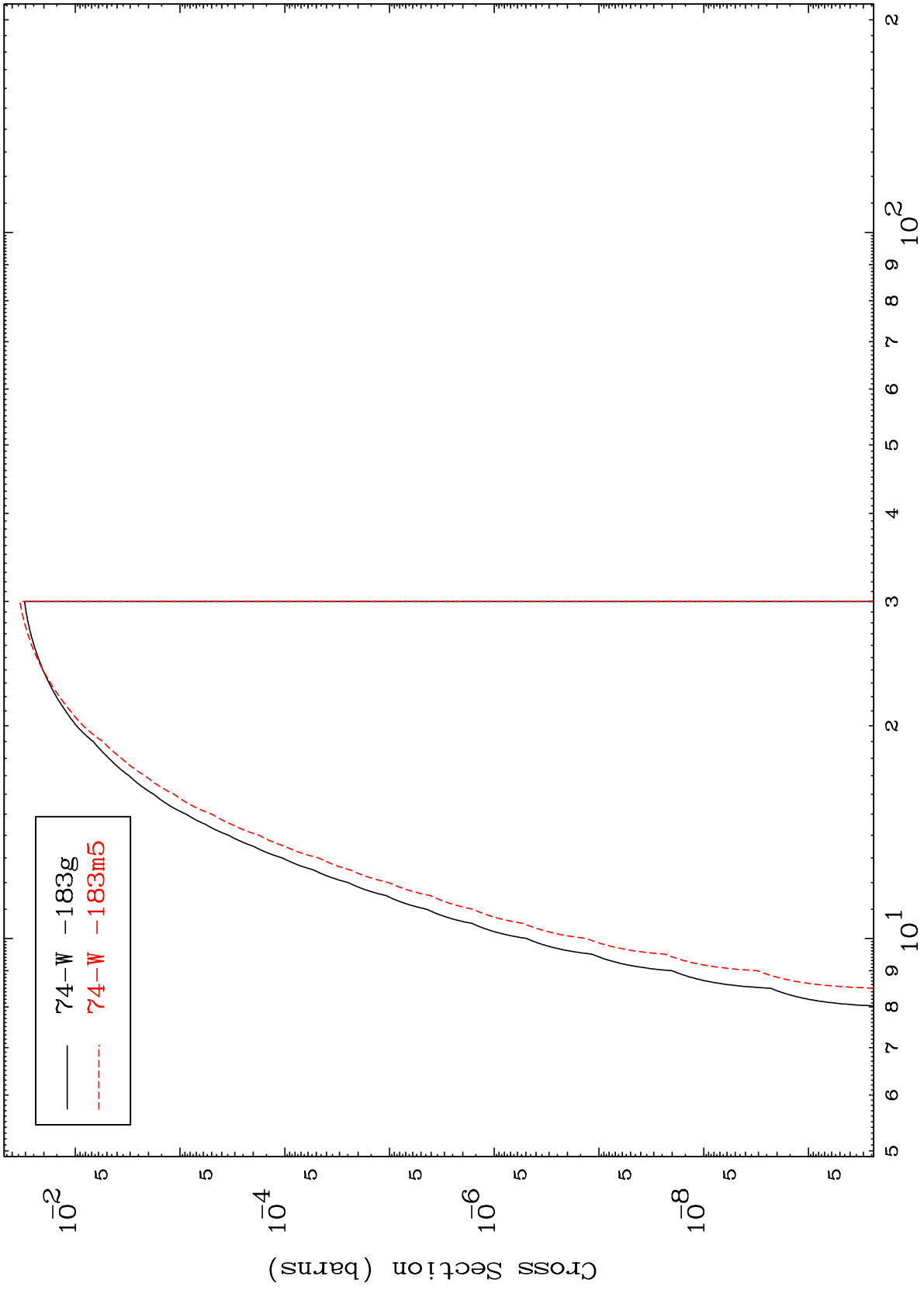
75-Re-184

MAT 7522

(n,n') p

75-Re-184

Radionuclide Production Cross Section



130

Incident Energy (MeV)

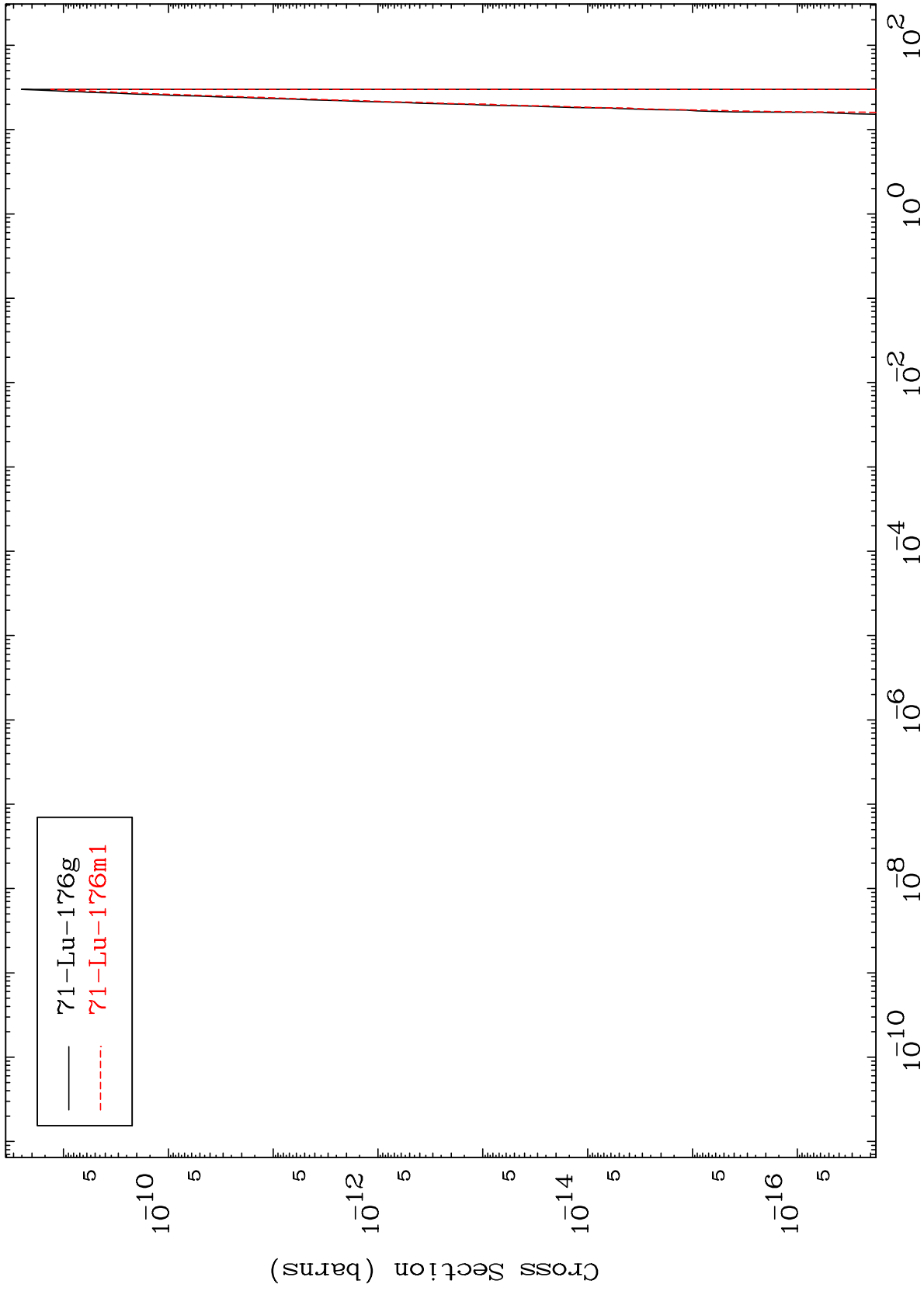
75-Re-184

MAT 7522

(n,n') 2 $\alpha$

75-Re-184

Radionuclide Production Cross Section

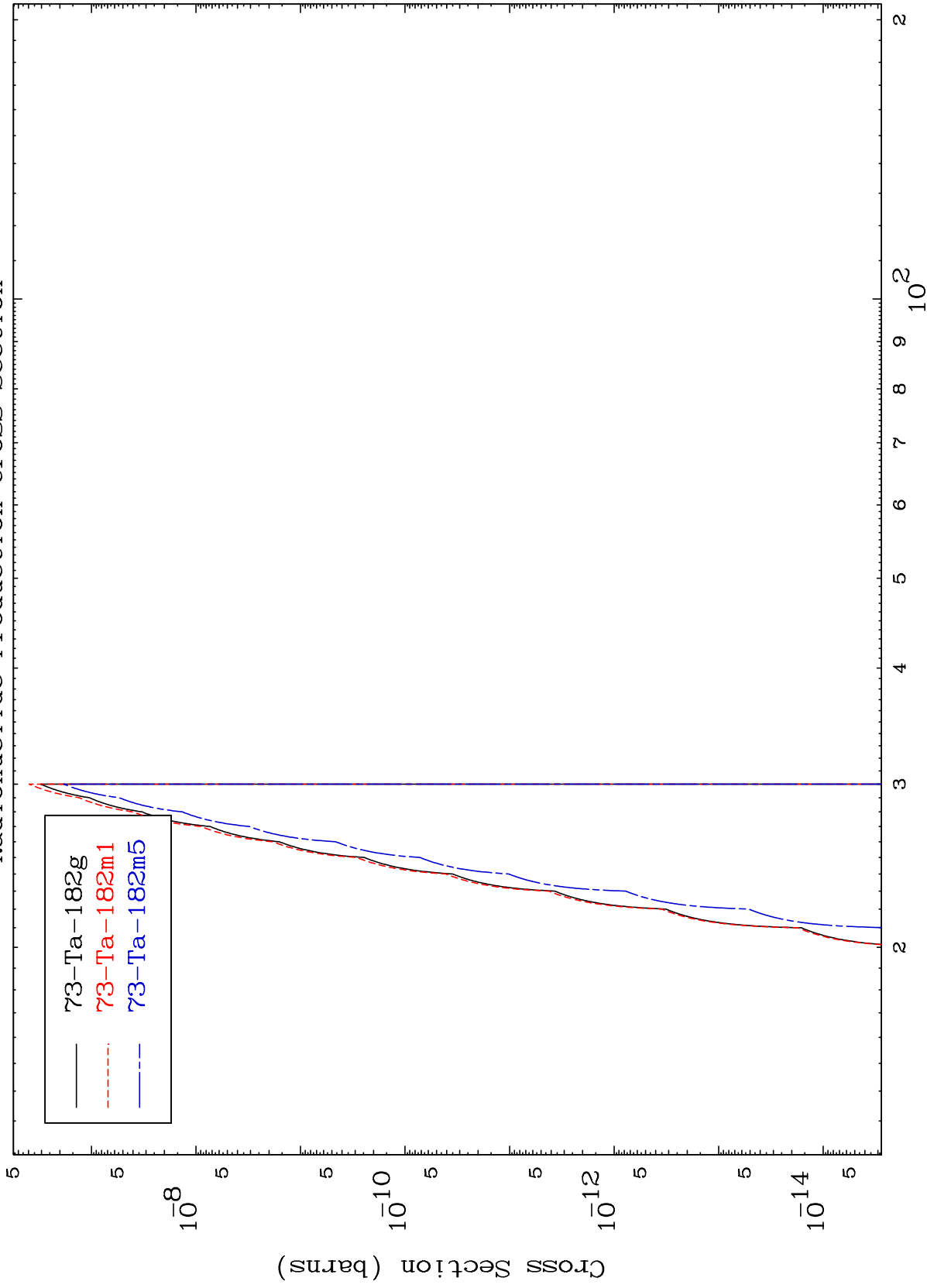


131

Incident Energy (MeV)

75-Re-184

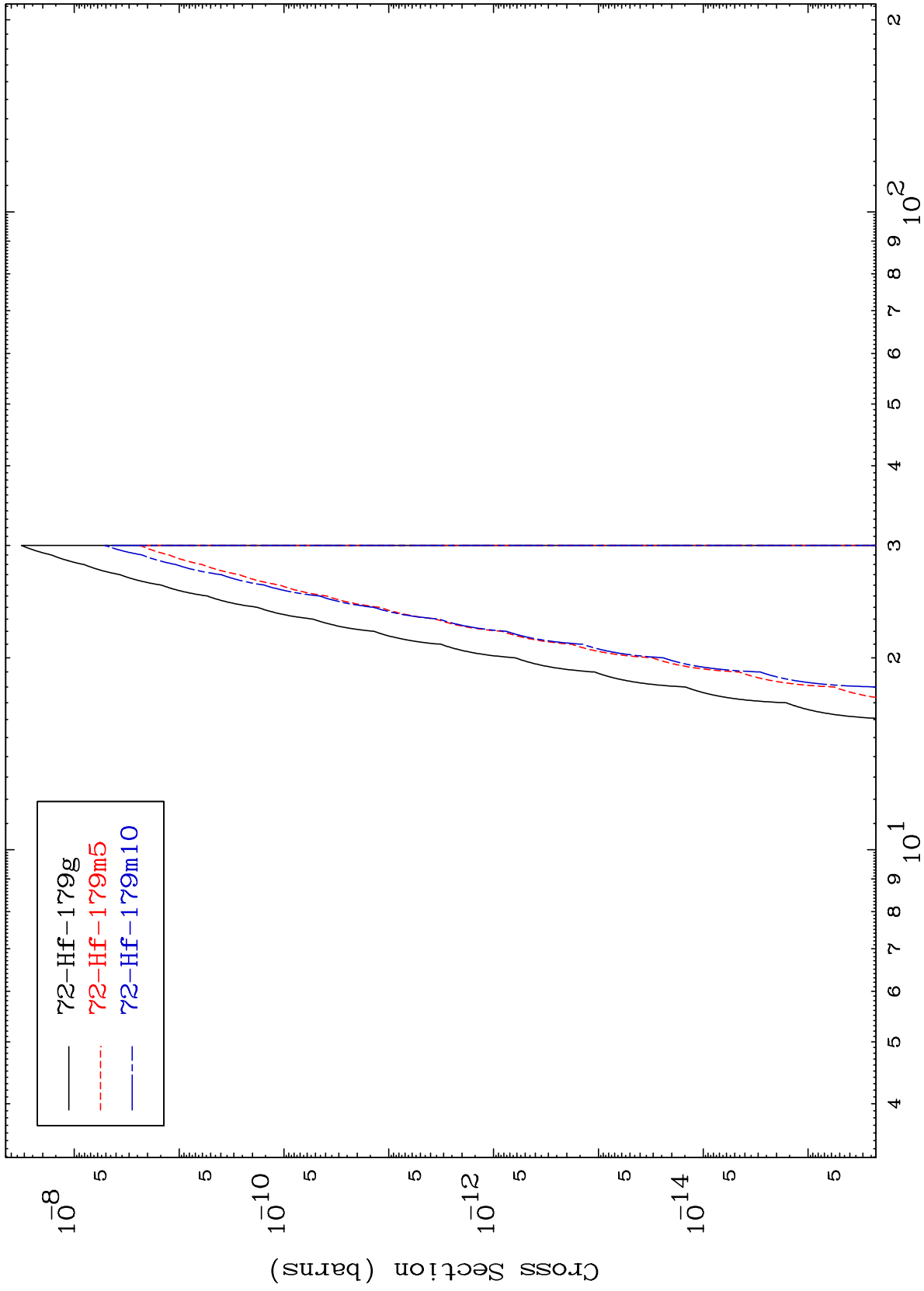
Radionuclide Production Cross Section



MAT 7522

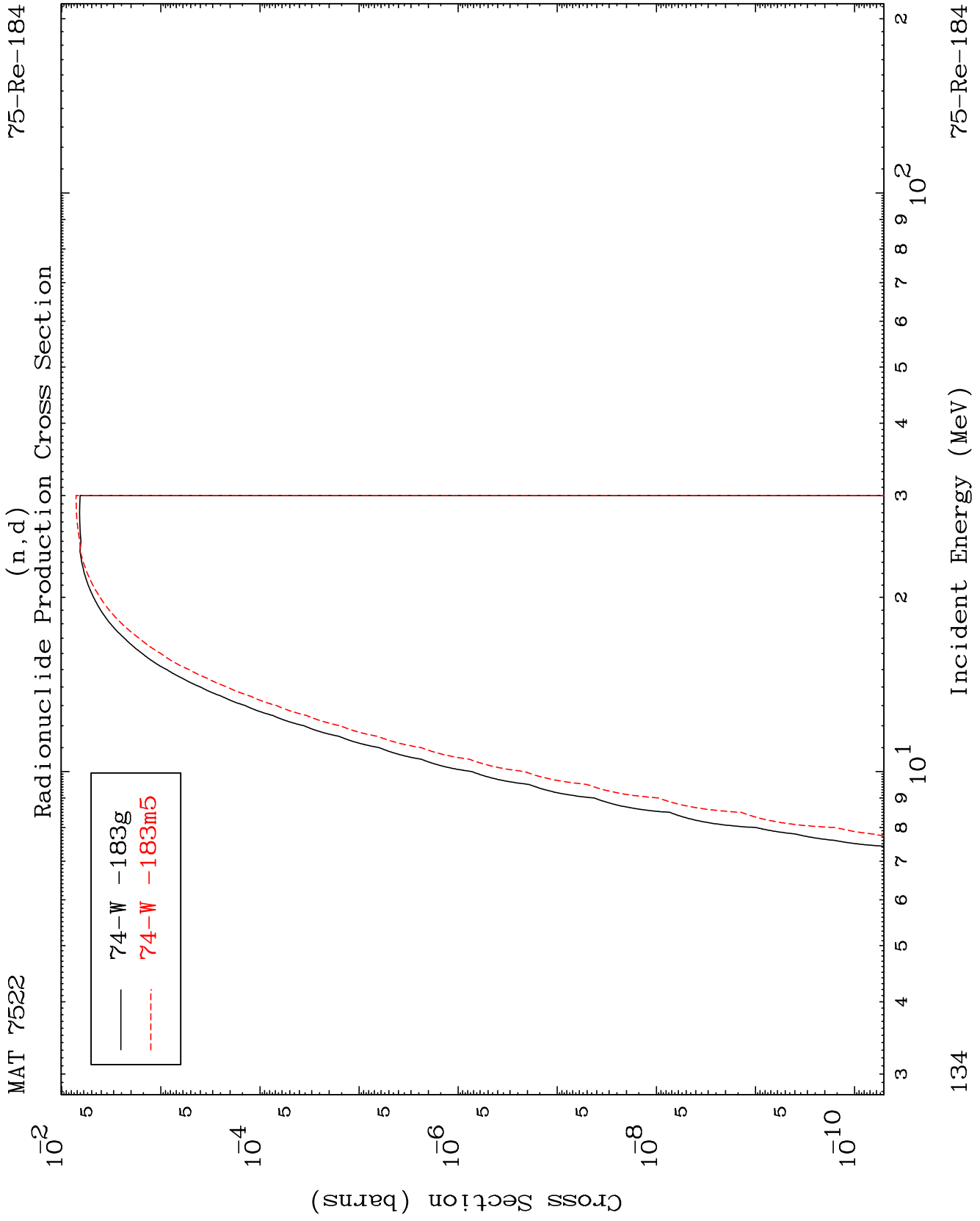
75-Re-184

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



133

75-Re-184

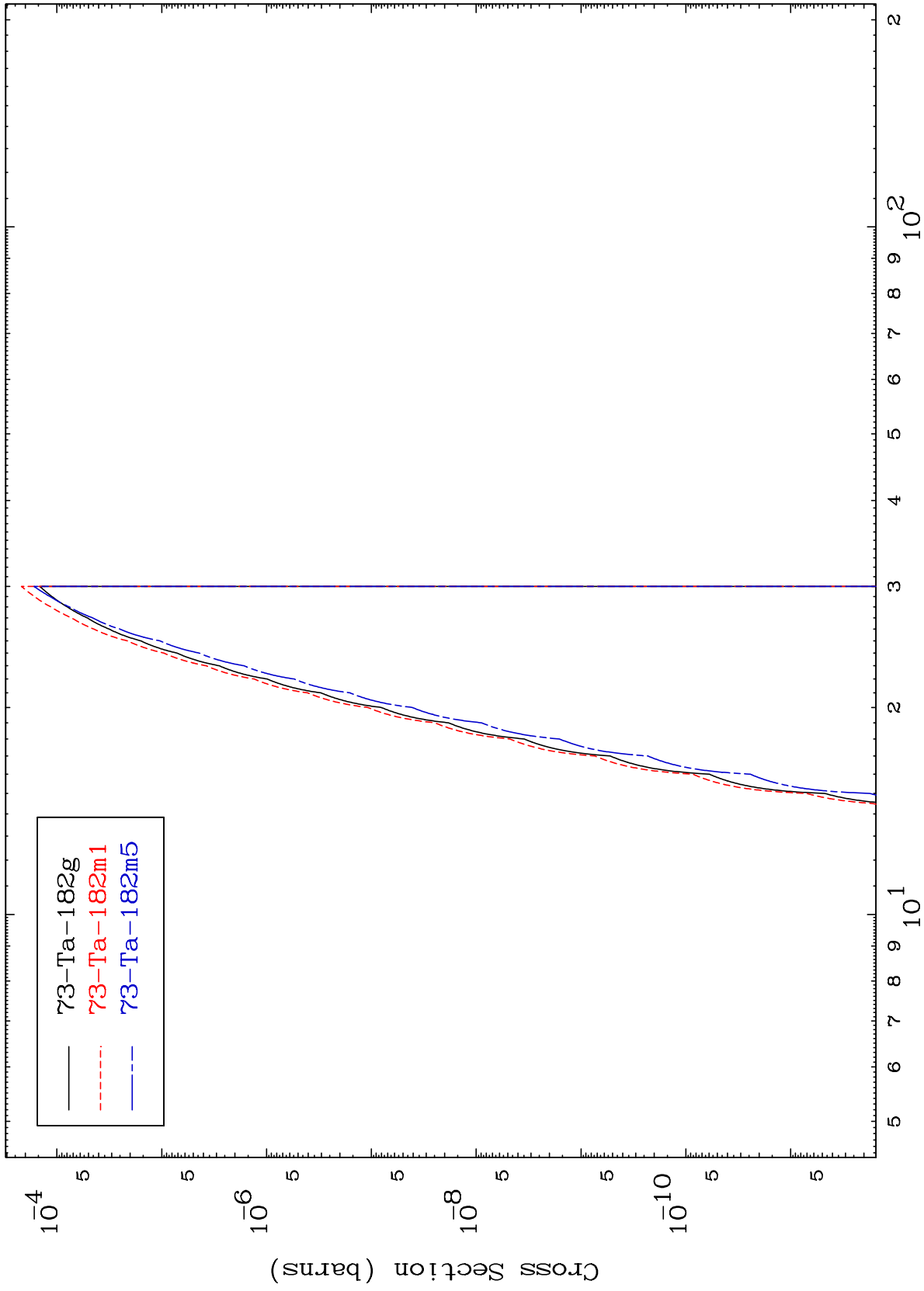


MAT 7522

(n, He-3)

75-Re-184

Radionuclide Production Cross Section



73-Ta-182g  
73-Ta-182m1  
73-Ta-182m5

135

75-Re-184

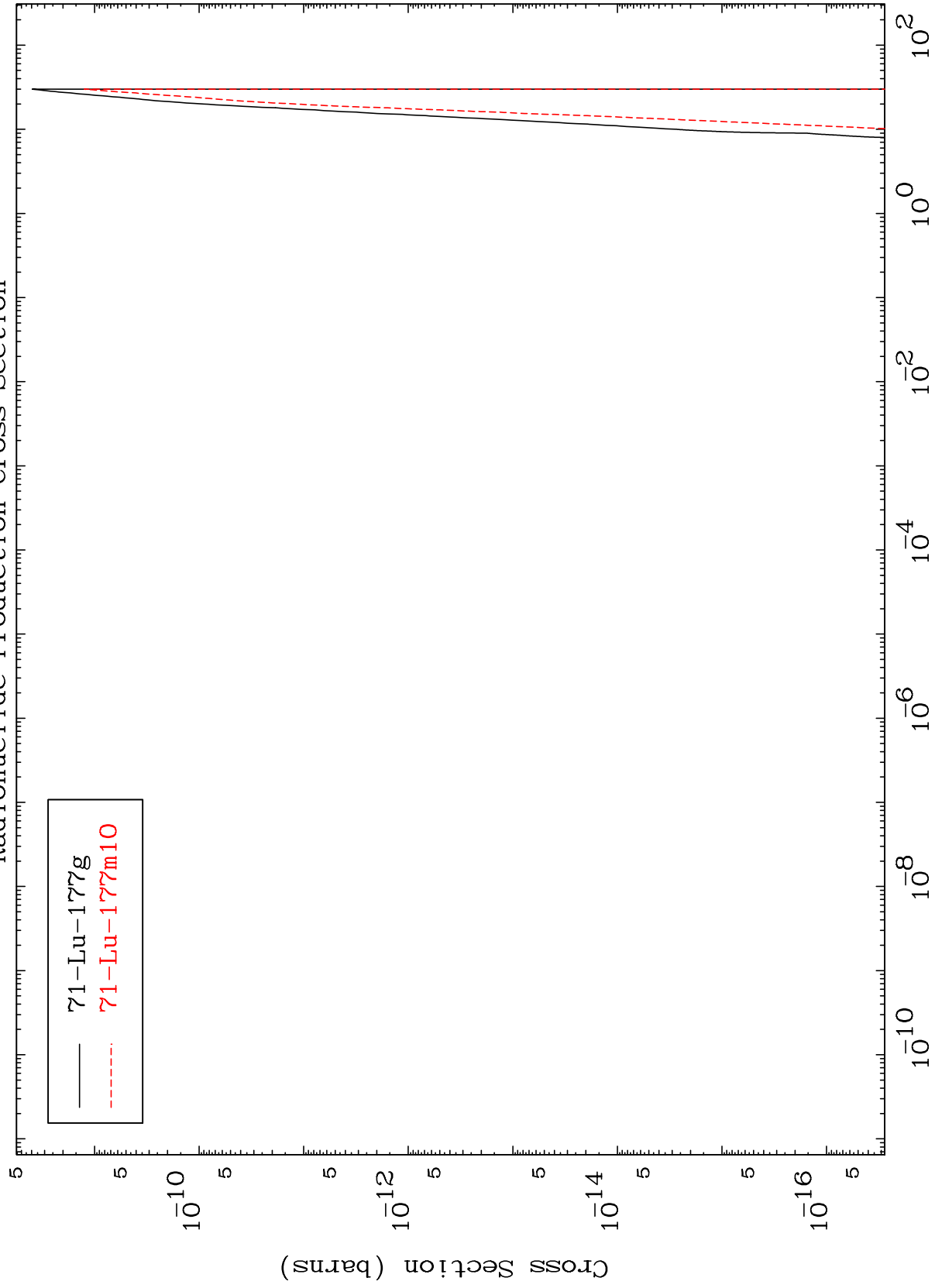


MAT 7522

(n,2α)

75-Re-184

Radionuclide Production Cross Section



136

Incident Energy (MeV)

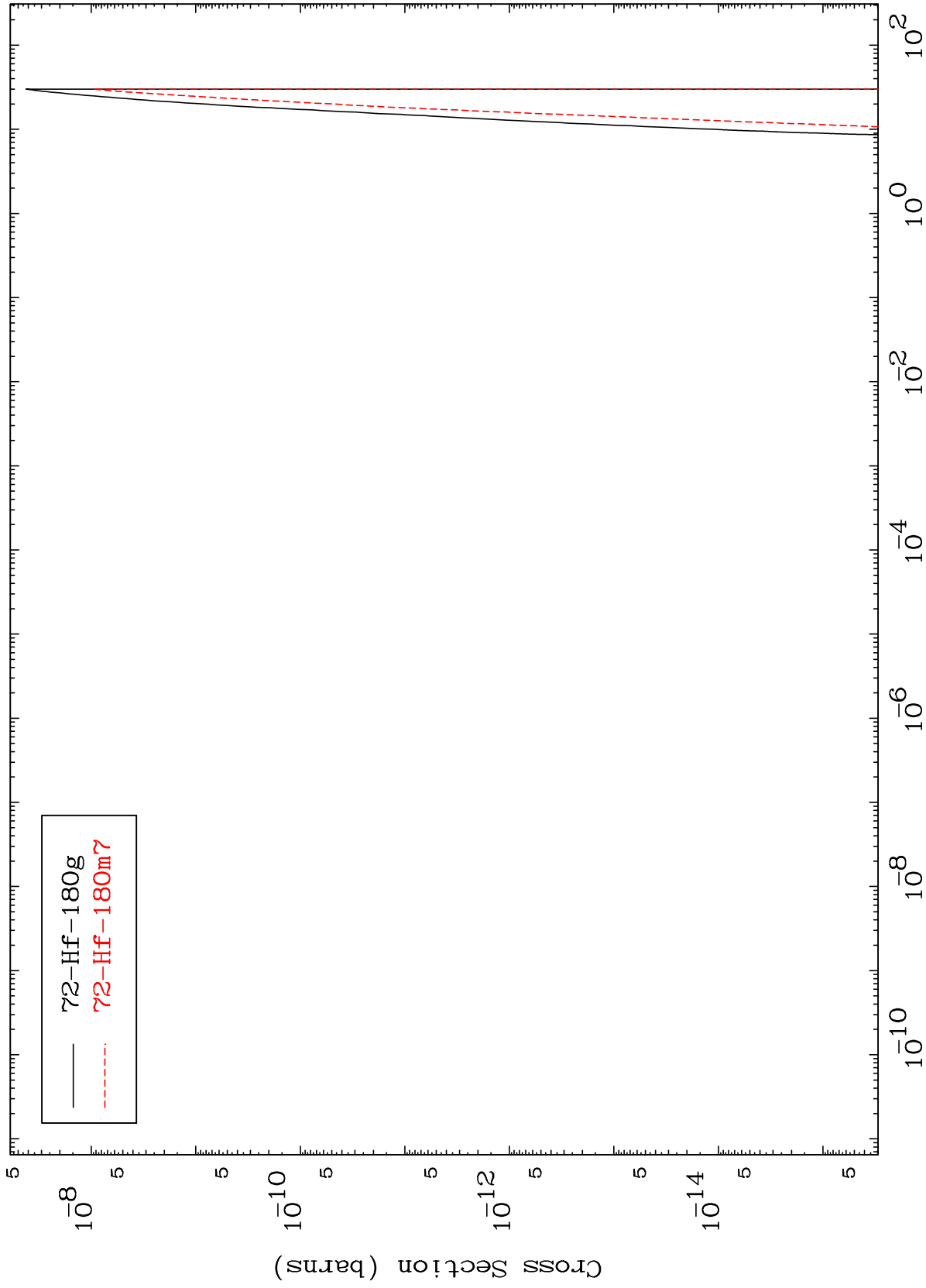
75-Re-184

MAT 7522

(n,p)  $\alpha$

75-Re-184

Radionuclide Production Cross Section



137

Incident Energy (MeV)

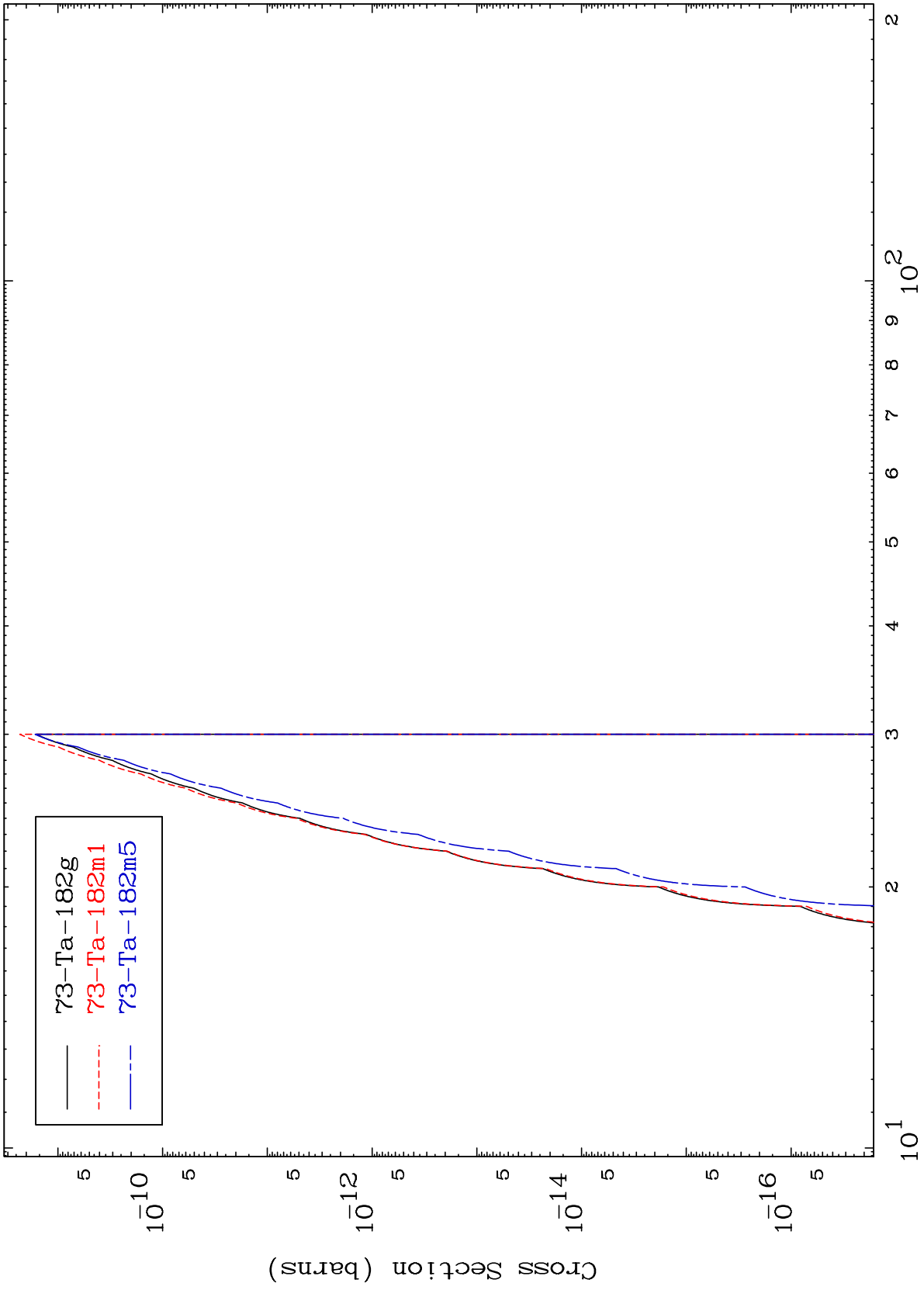
75-Re-184

MAT 7522

(n,p) d

75-Re-184

Radionuclide Production Cross Section



138

Incident Energy (MeV)

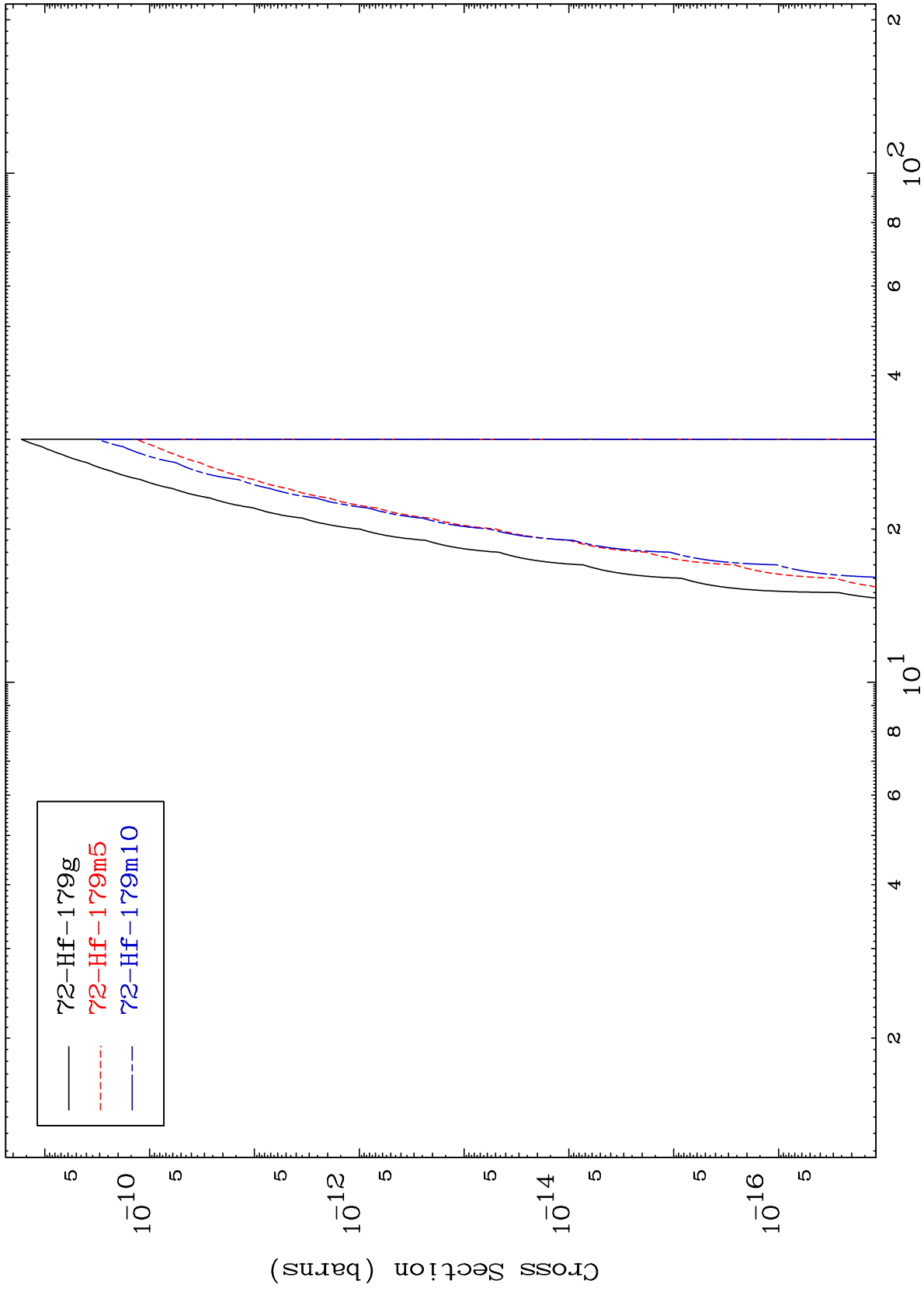
75-Re-184

MAT 7522

(n,d)  $\alpha$

75-Re-184

Radionuclide Production Cross Section



139

Incident Energy (MeV)

75-Re-184