

Program EVALPLOT
(Version 2015-2)

by

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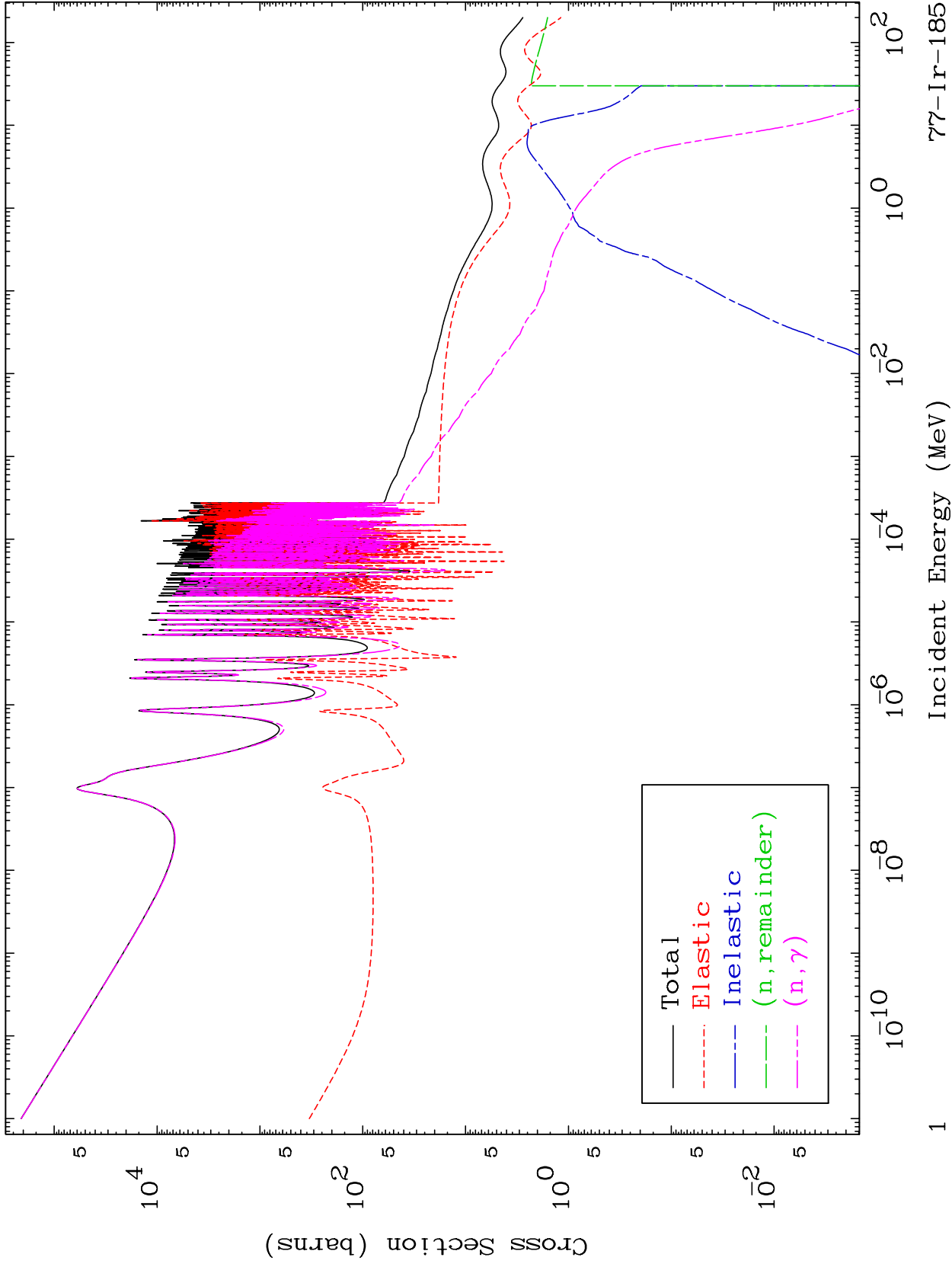
Press Mouse Button to Start

MAT 7707

Major

293 Kelvin Cross Sections

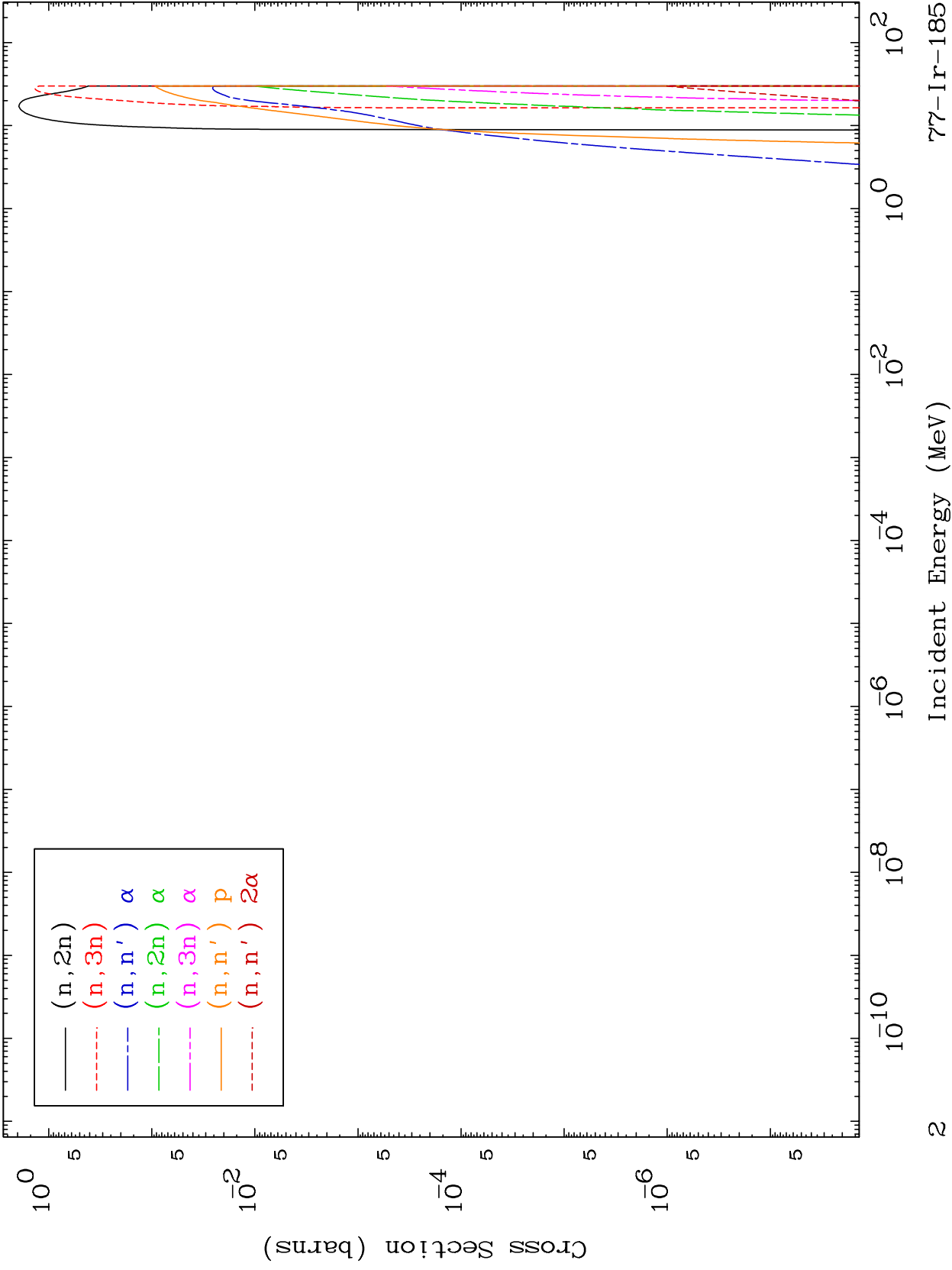
77-Ir-185

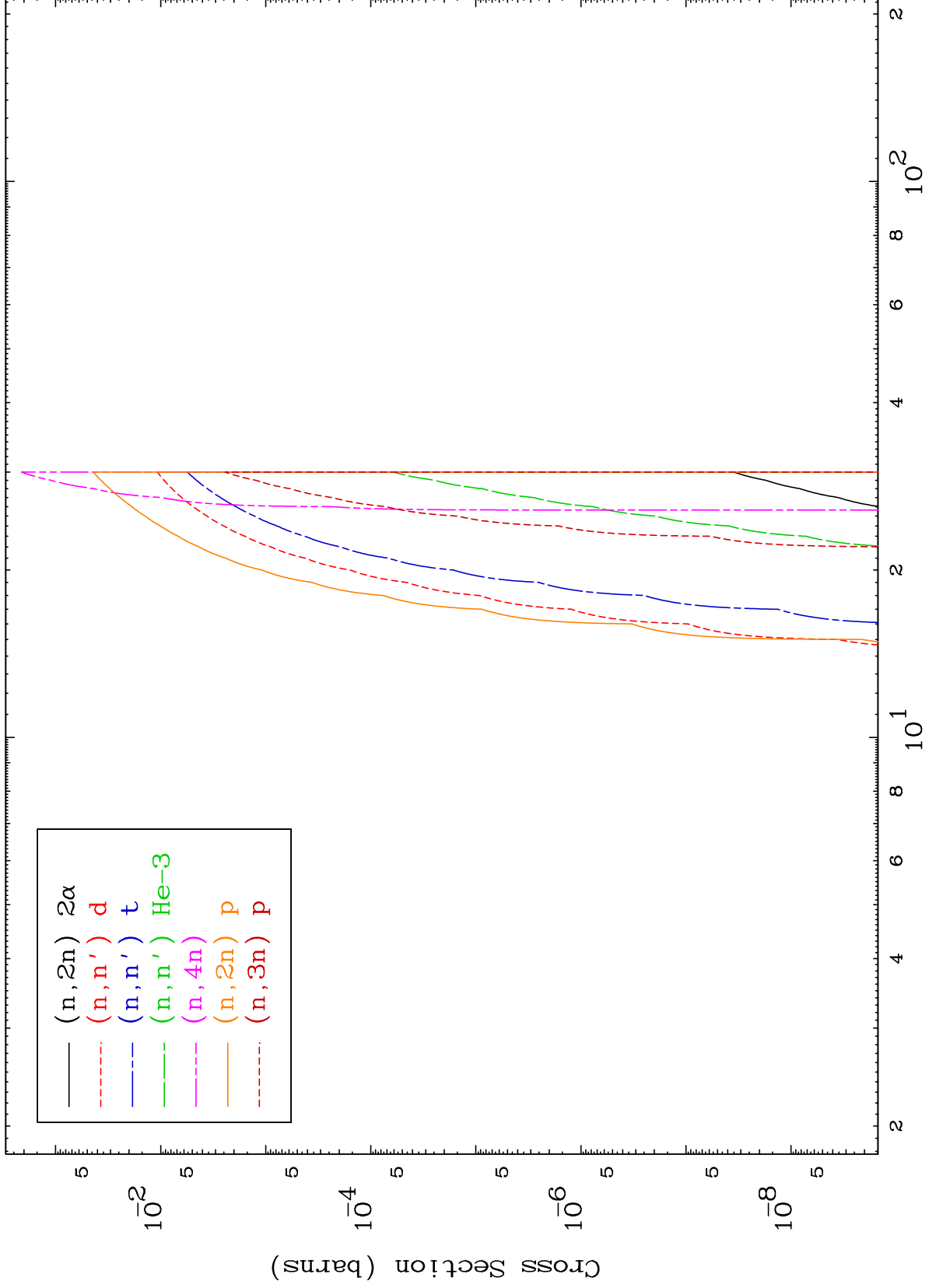


MAT 7707

Neutron Production
293 Kelvin Cross Sections

77-Ir-185

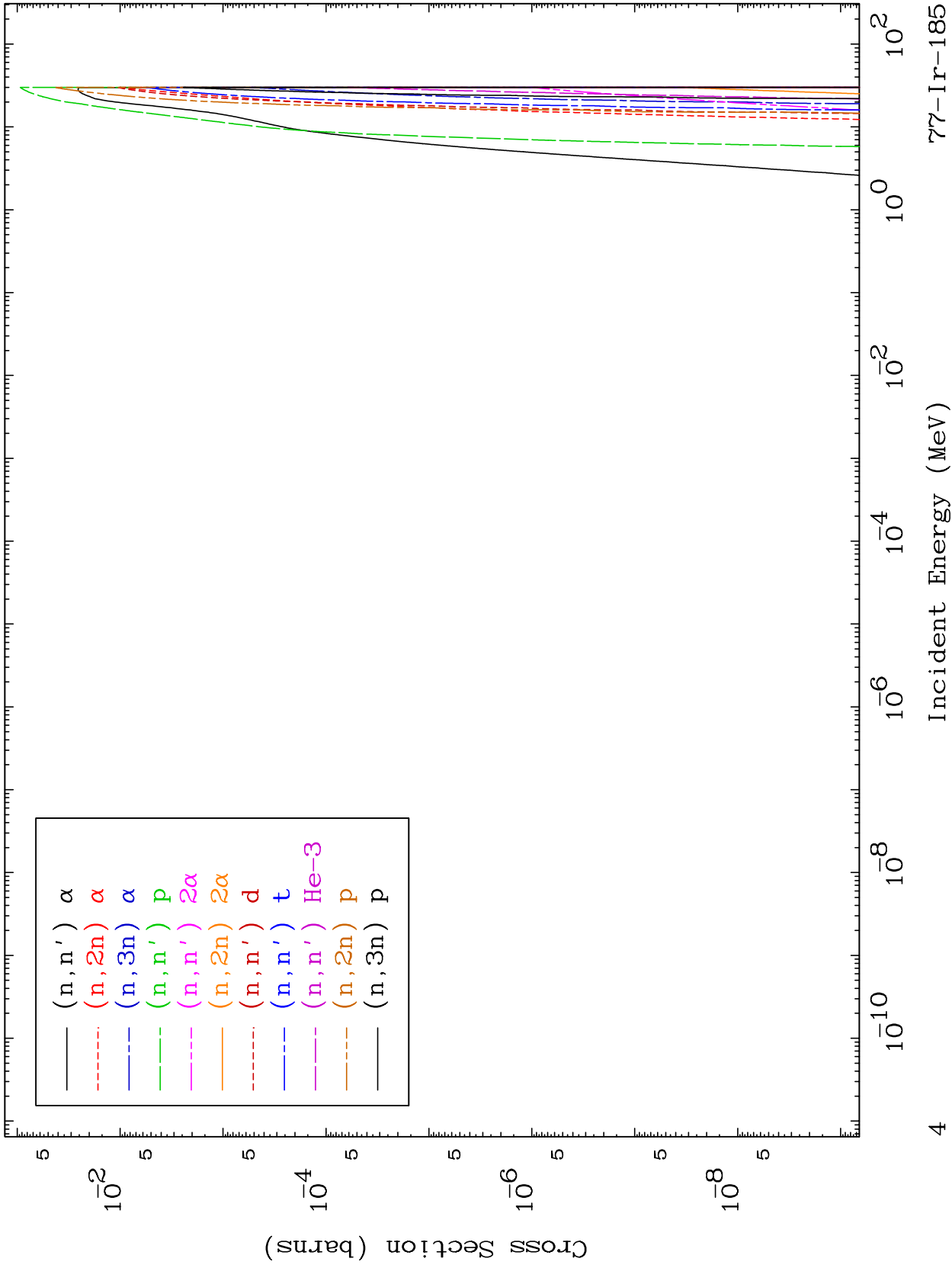




MAT 7707

Charged Particle
293 Kelvin Cross Sections

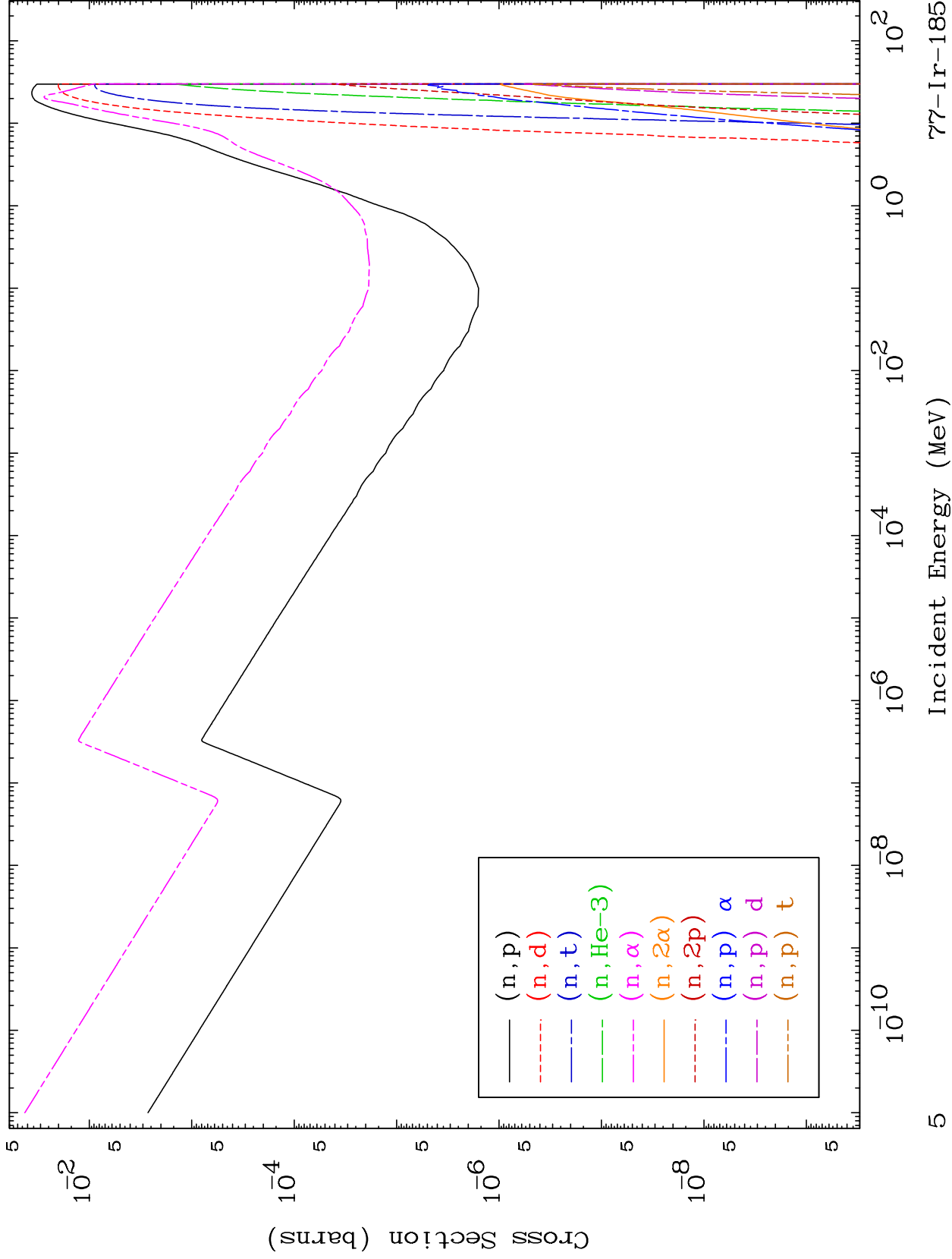
77-Ir-185



MAT 7707

Charged Particle
293 Kelvin Cross Sections

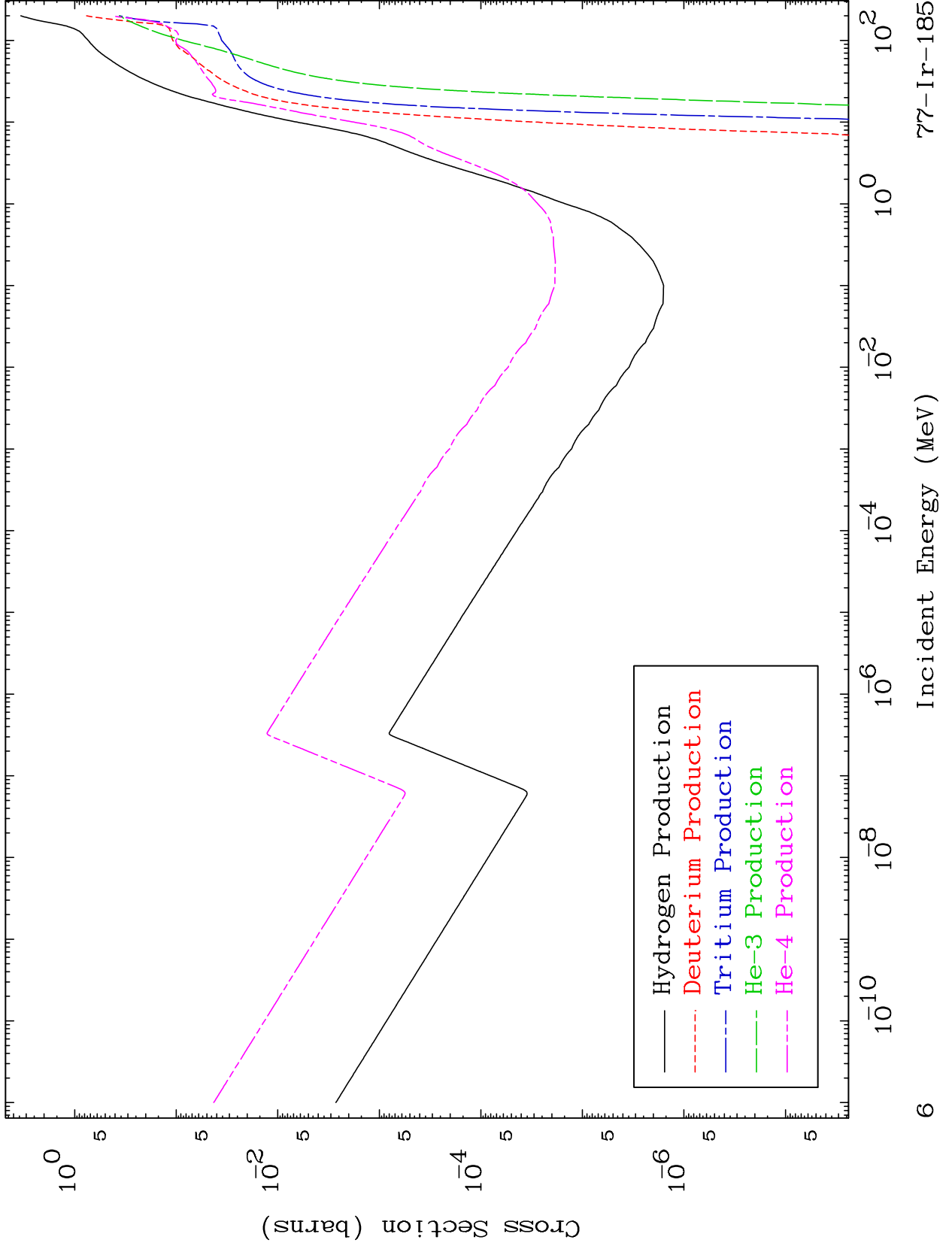
77-Ir-185



MAT 7707

Particle Production
293 Kelvin Cross Sections

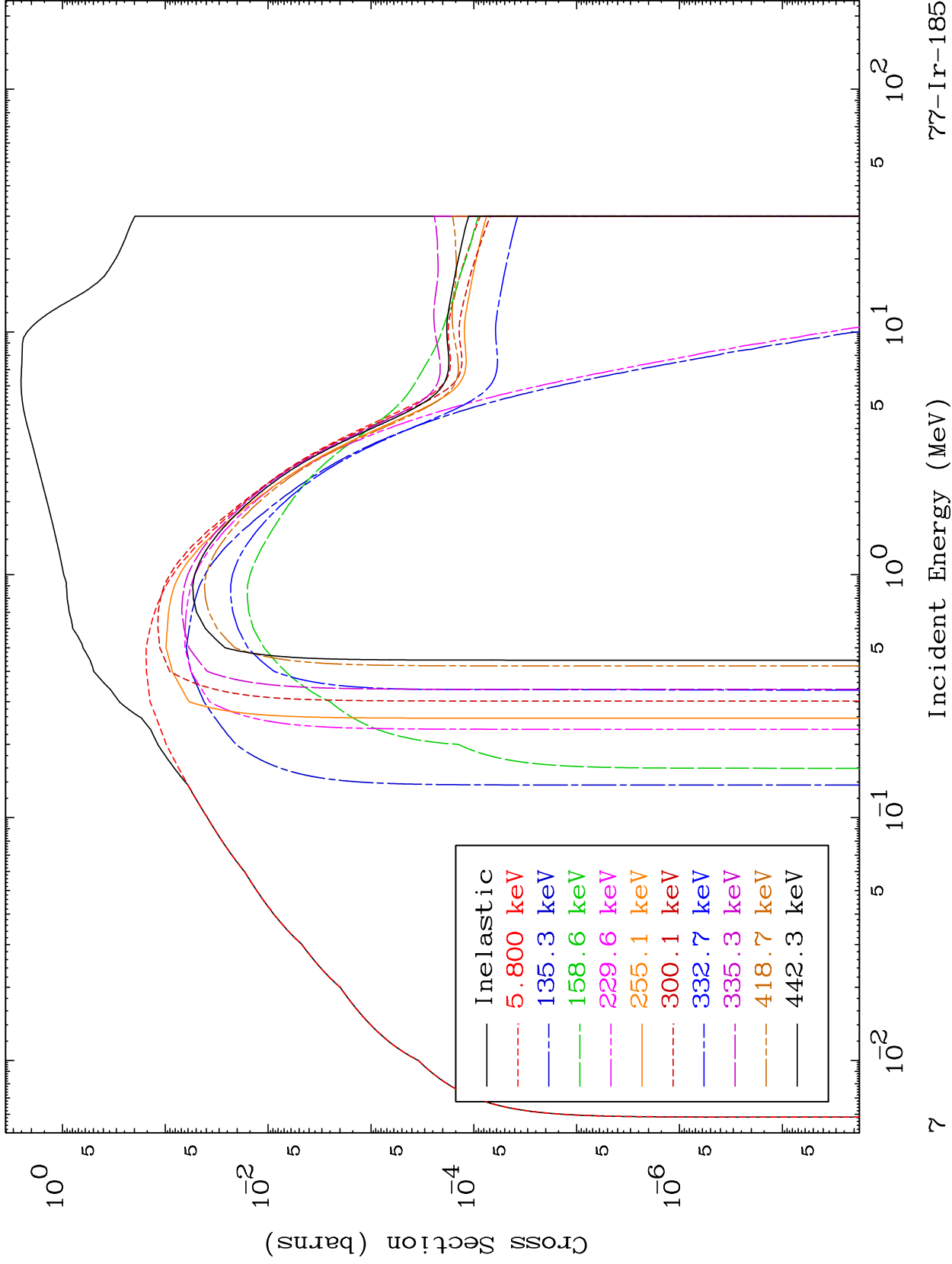
77-Ir-185



MAT 7707

(n,n') Level
293 Kelvin Cross Sections

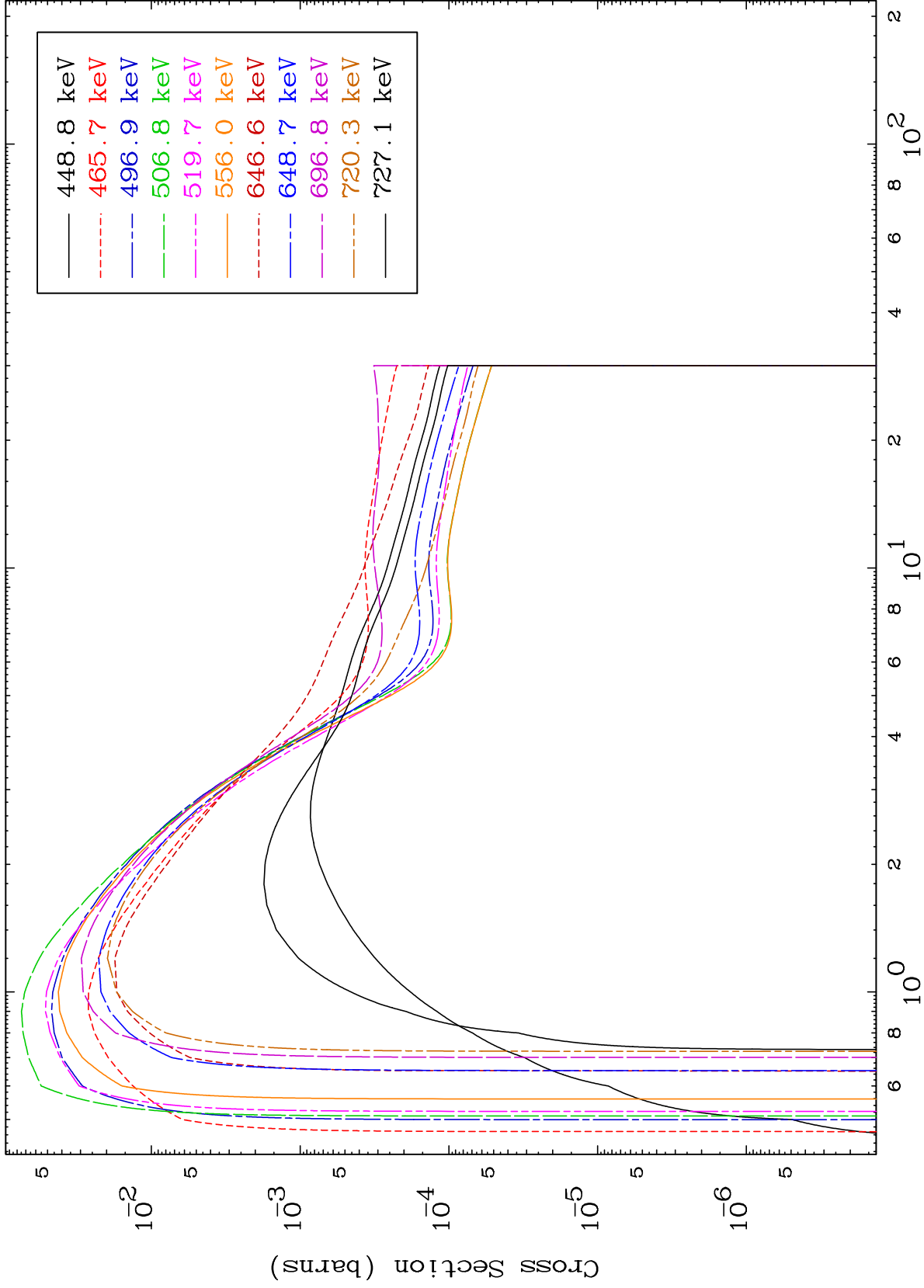
77-Ir-185



MAT 7707

(n,n') Level
293 Kelvin Cross Sections

77-Ir-185



8

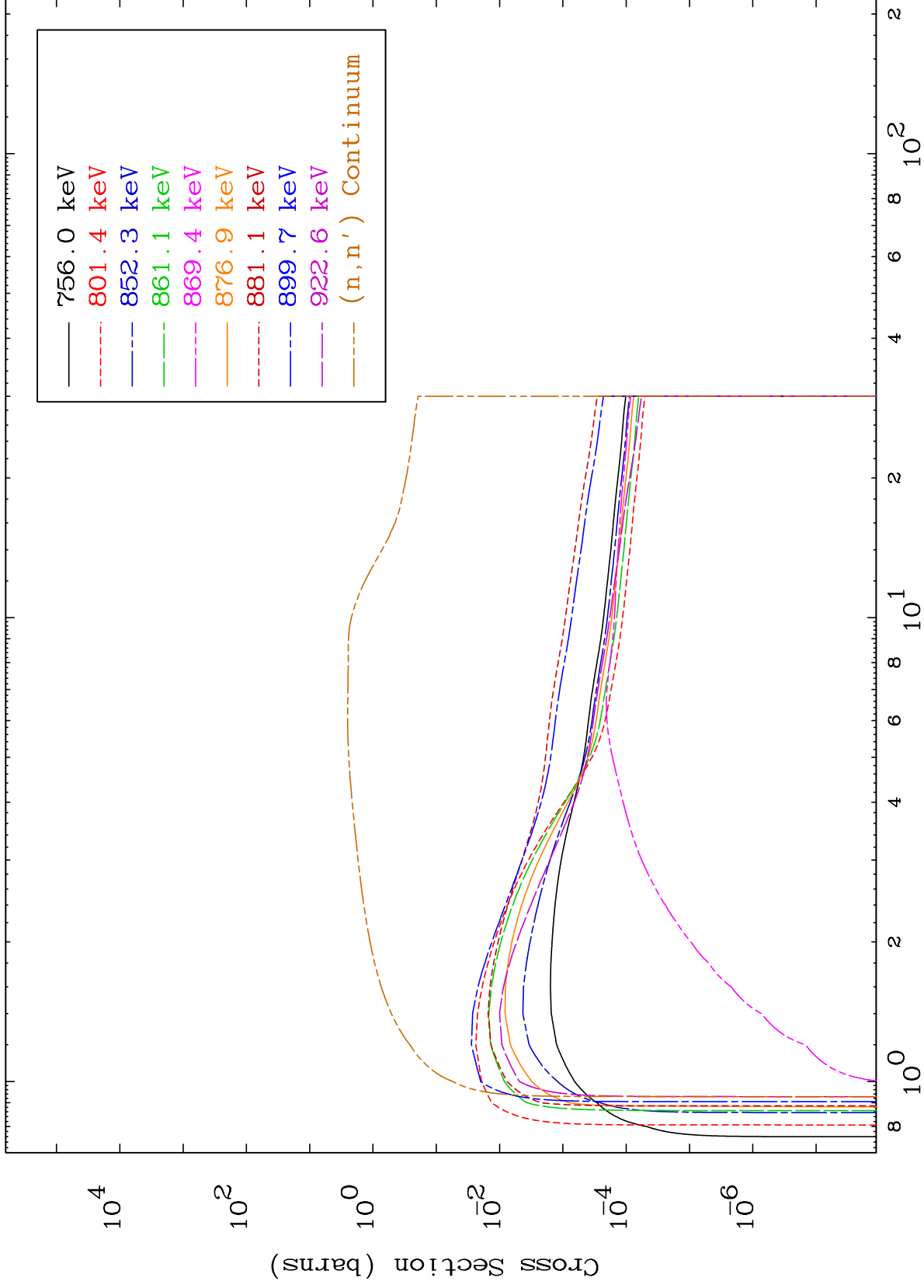
Incident Energy (MeV)

77-Ir-185

MAT 7707

(n,n') Level
293 Kelvin Cross Sections

77-Ir-185



9

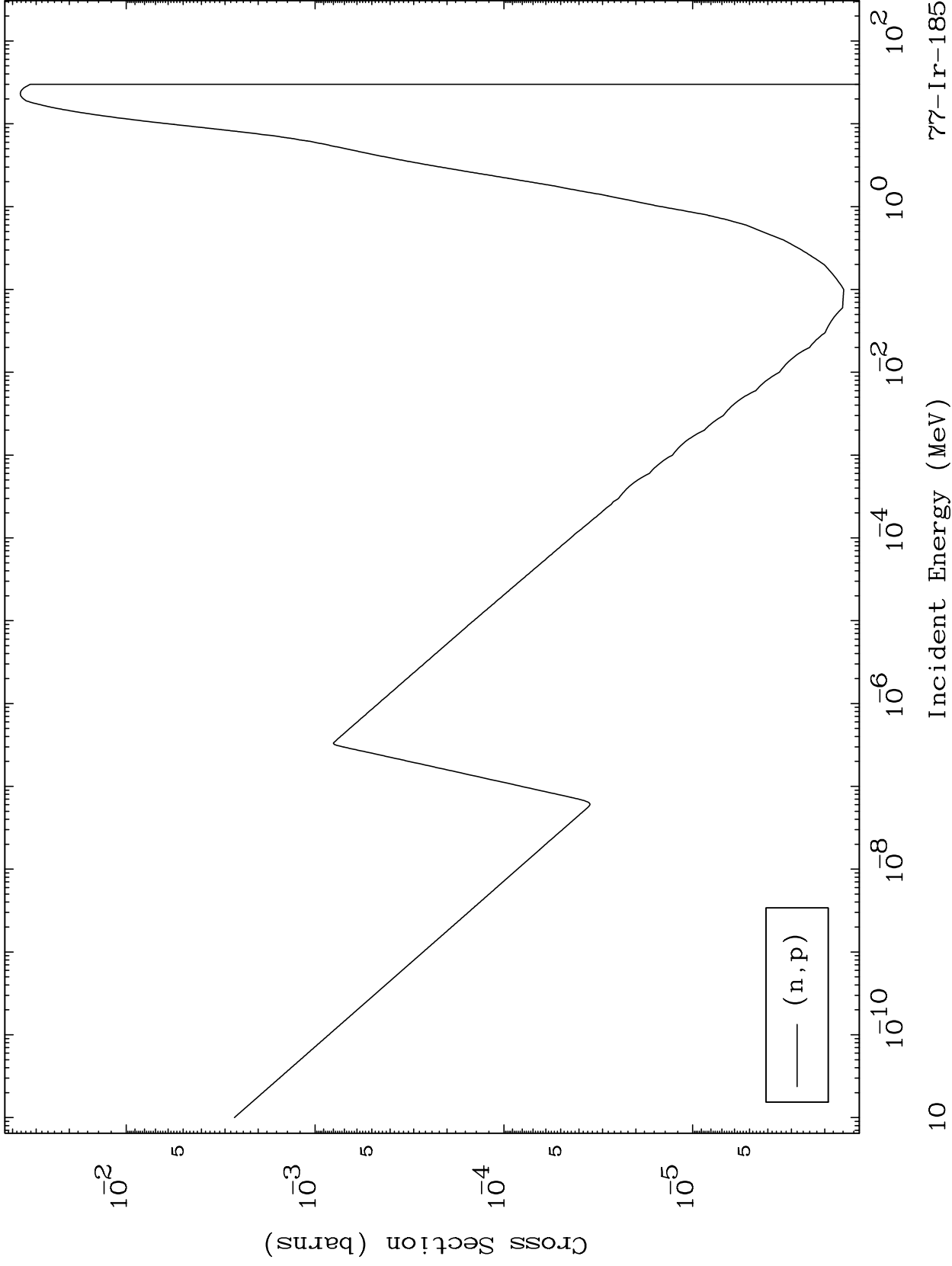
Incident Energy (MeV)

77-Ir-185

MAT 7707

(n,p) Levels
293 Kelvin Cross Sections

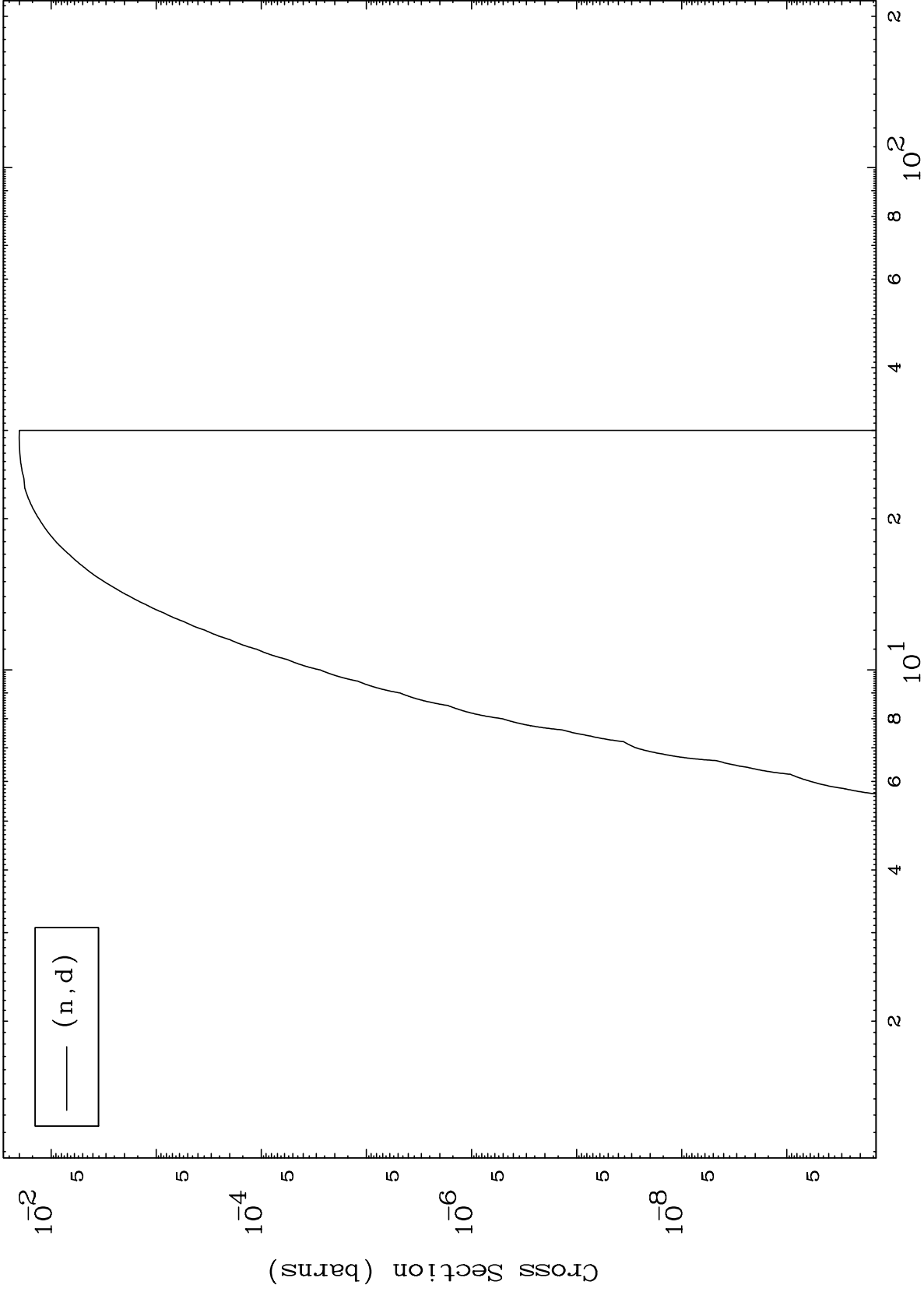
77-Ir-185



MAT 7707

(n,d) Levels
293 Kelvin Cross Sections

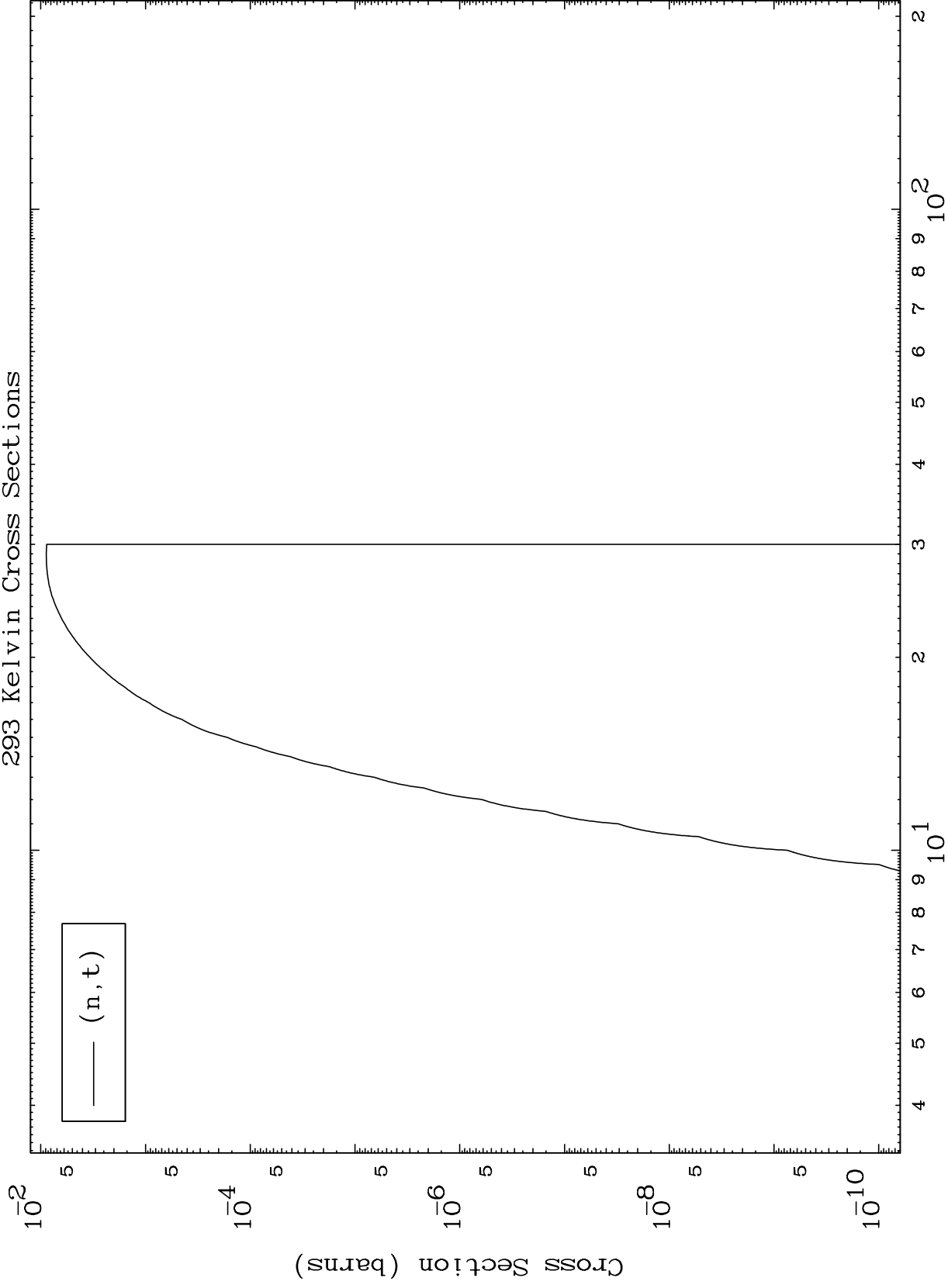
77-Ir-185



MAT 7707

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-185



12

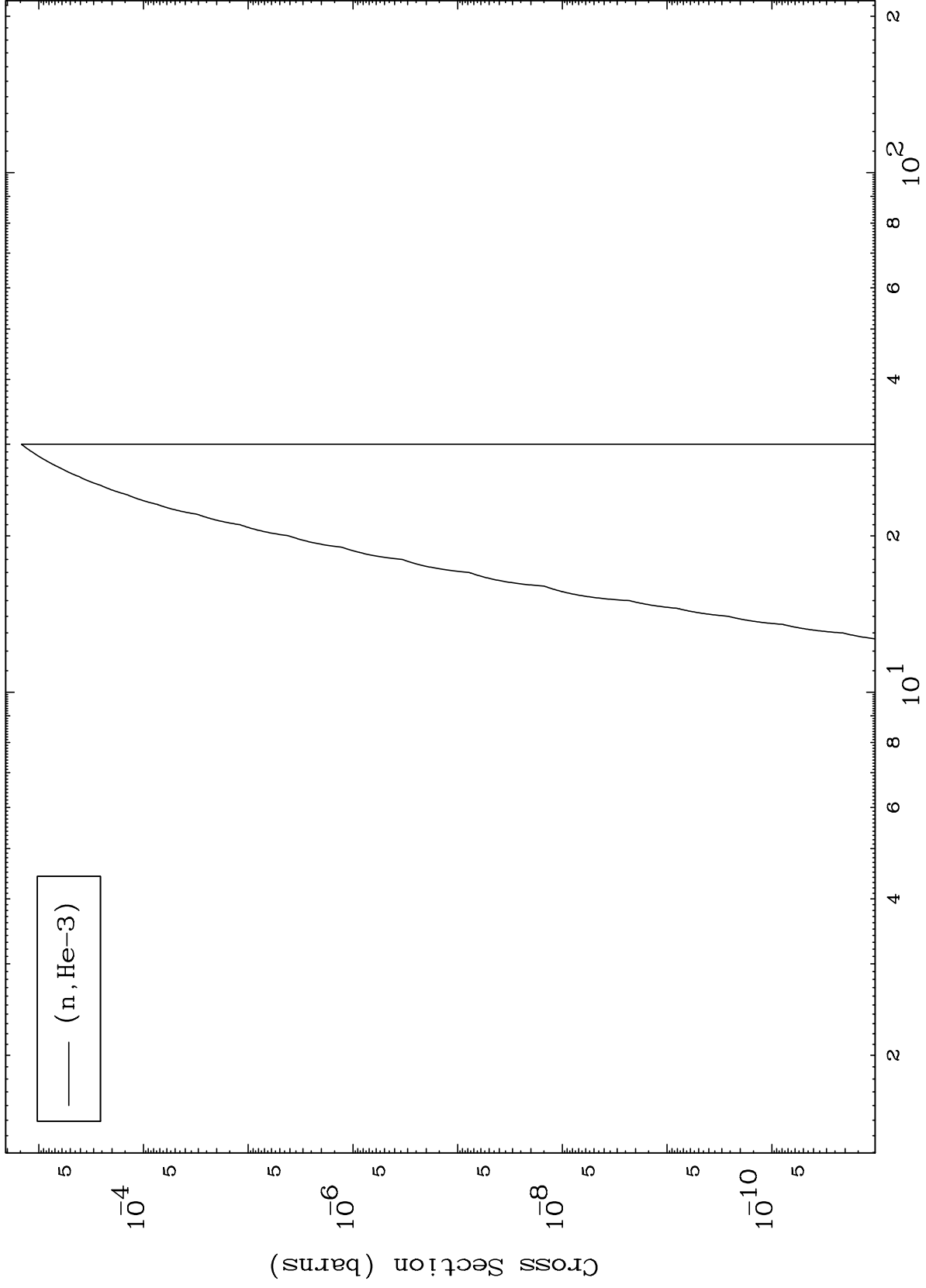
Incident Energy (MeV)

77-Ir-185

MAT 7707

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-185



13

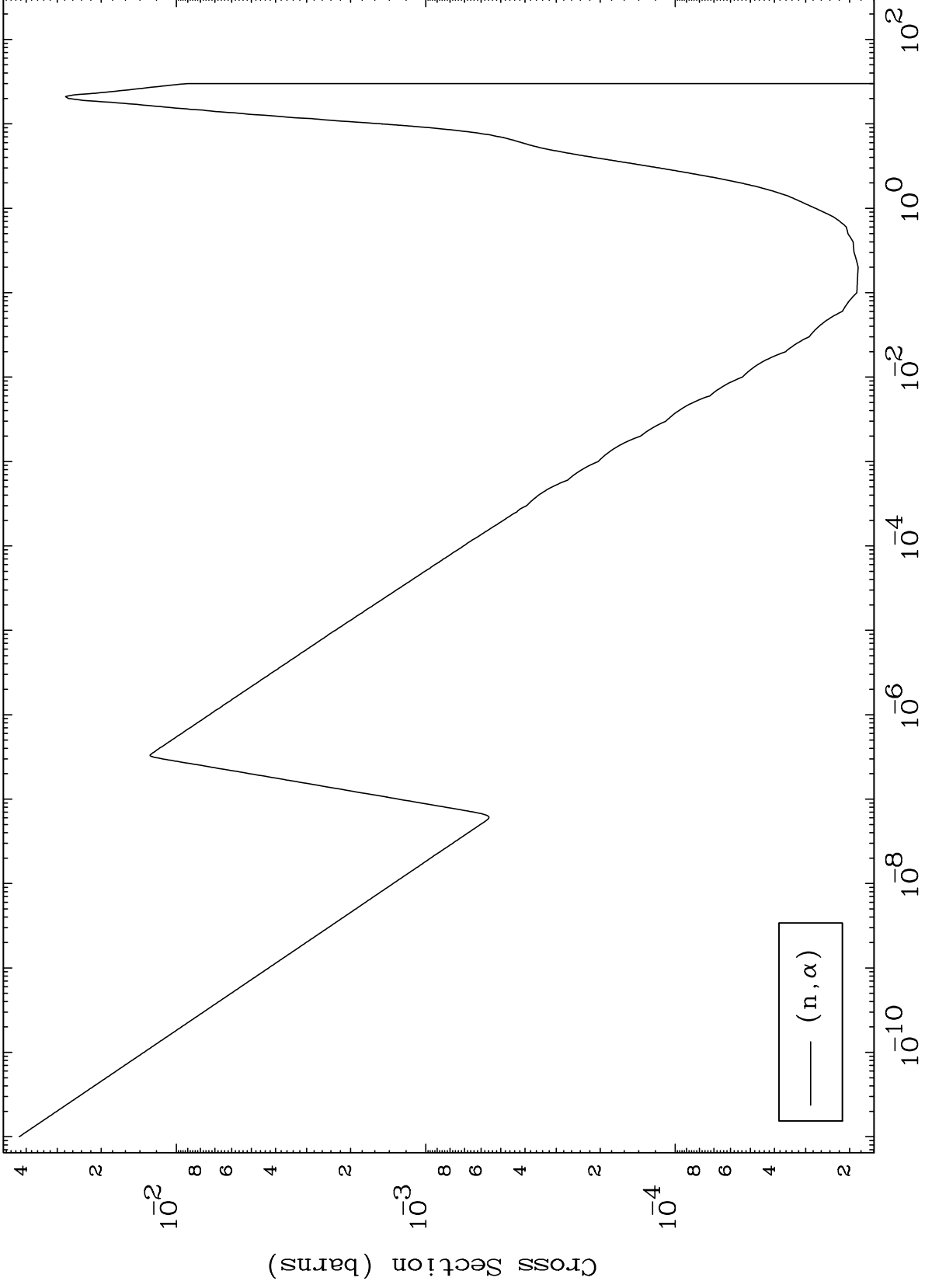
Incident Energy (MeV)

77-Ir-185

MAT 7707

(n,α) Levels
293 Kelvin Cross Sections

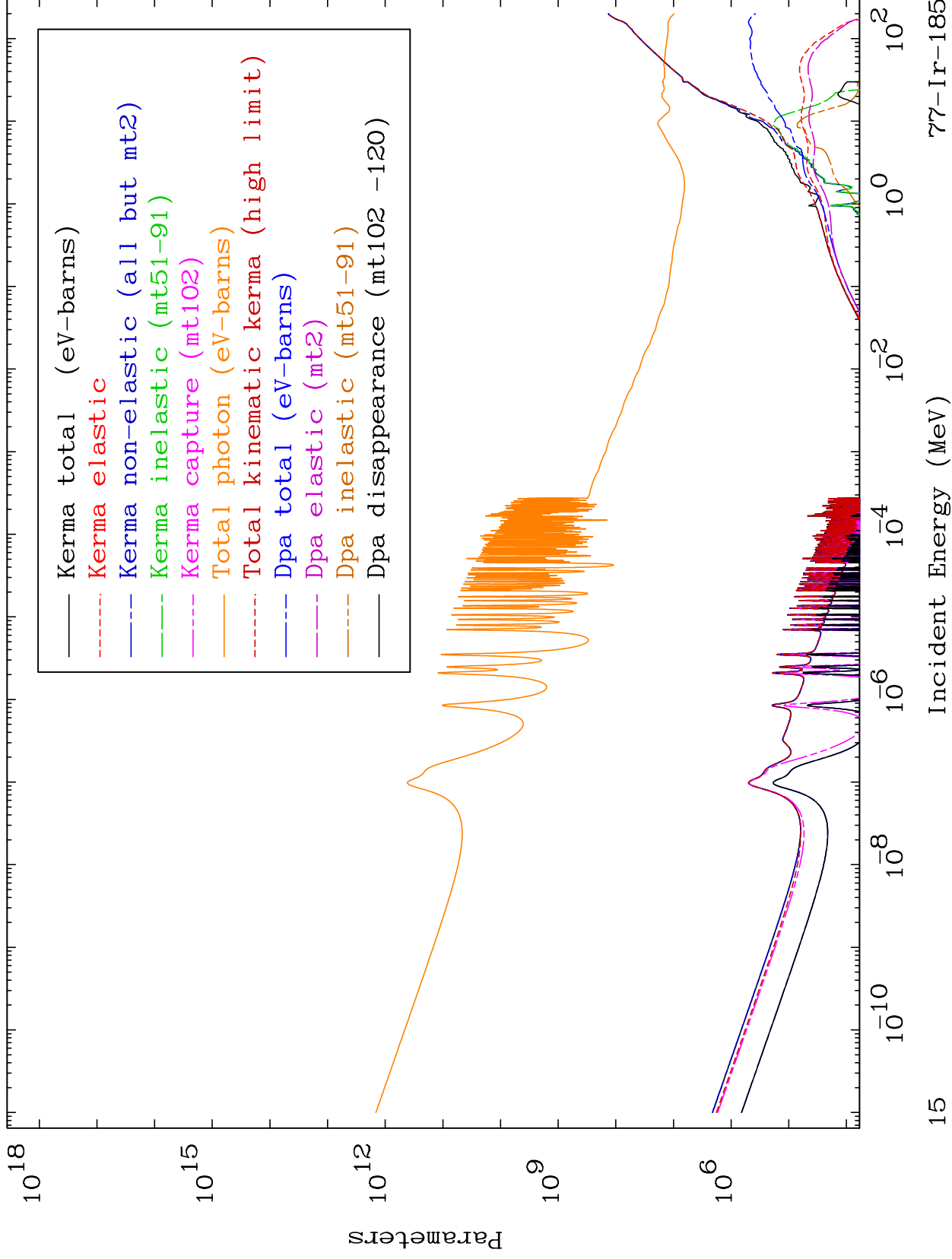
77-Ir-185



14

Incident Energy (MeV)

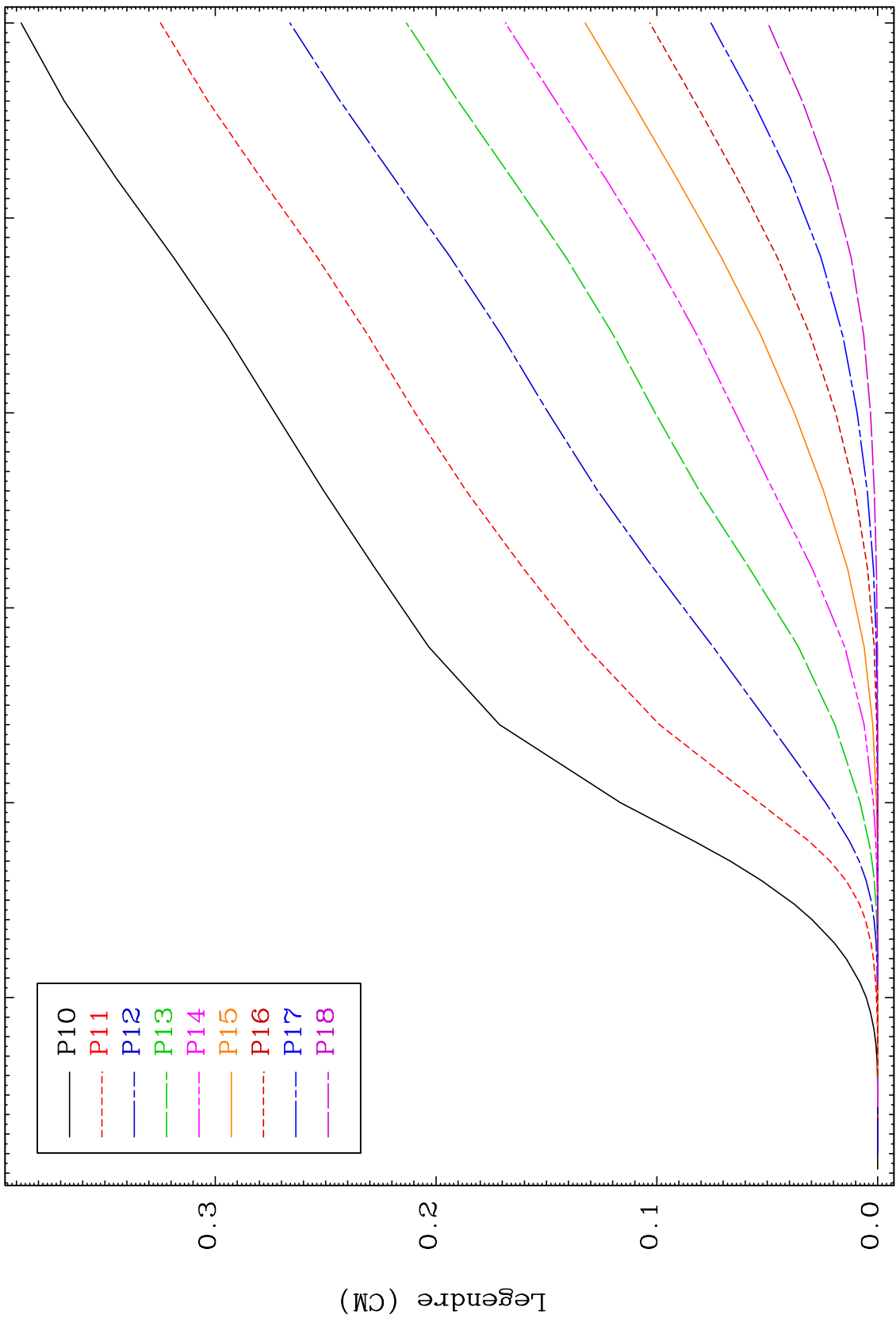
77-Ir-185



MAT 7707

Elastic Legendre Coefficients

⁷⁷Ir-185



17

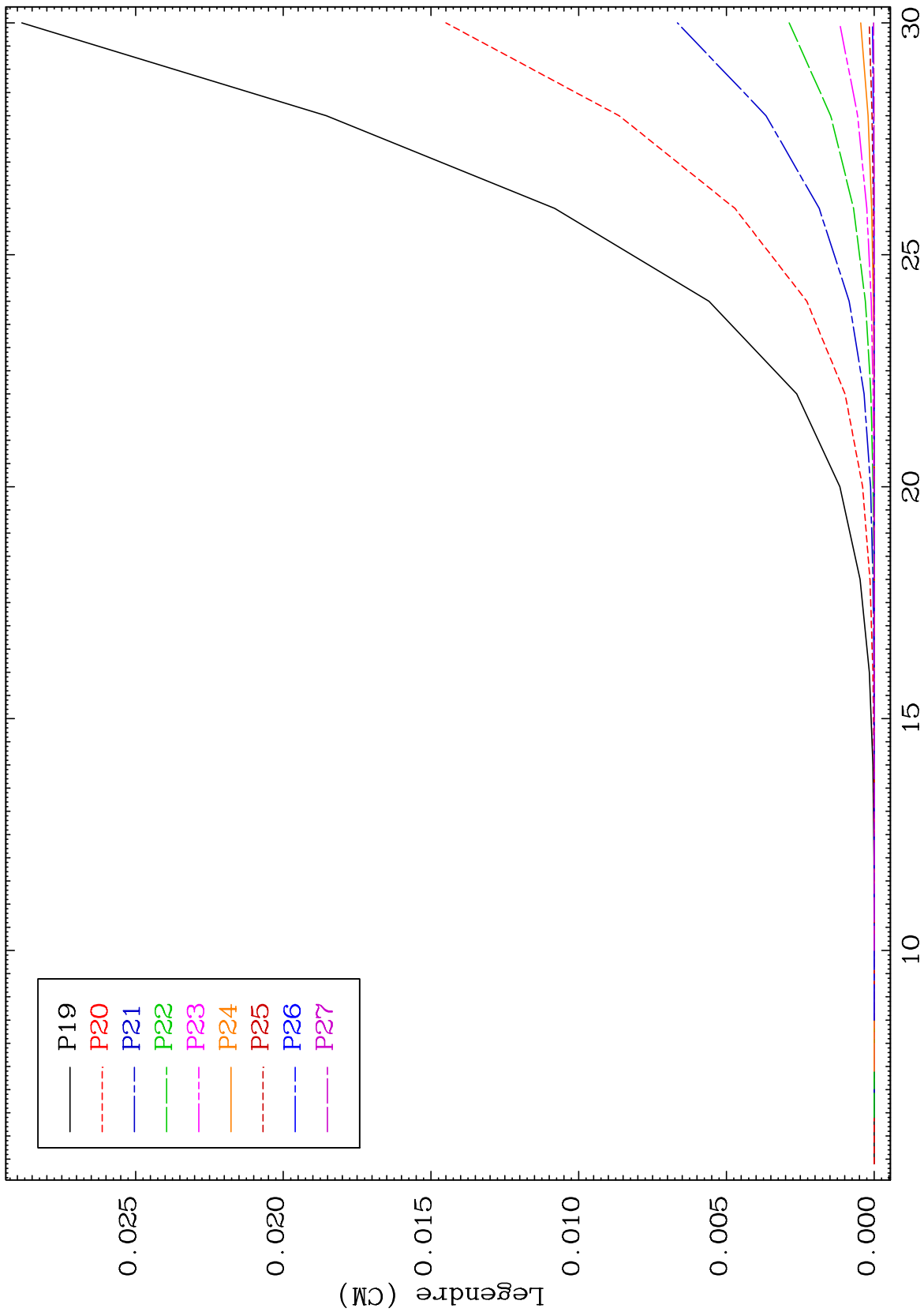
Incident Energy (MeV)

⁷⁷Ir-185

MAT 7707

Elastic Legendre Coefficients

77-Ir-185



18

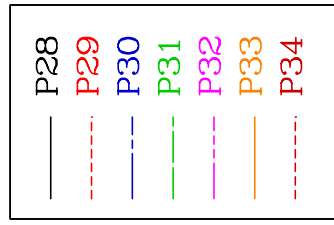
Incident Energy (MeV)

77-Ir-185

MAT 7707

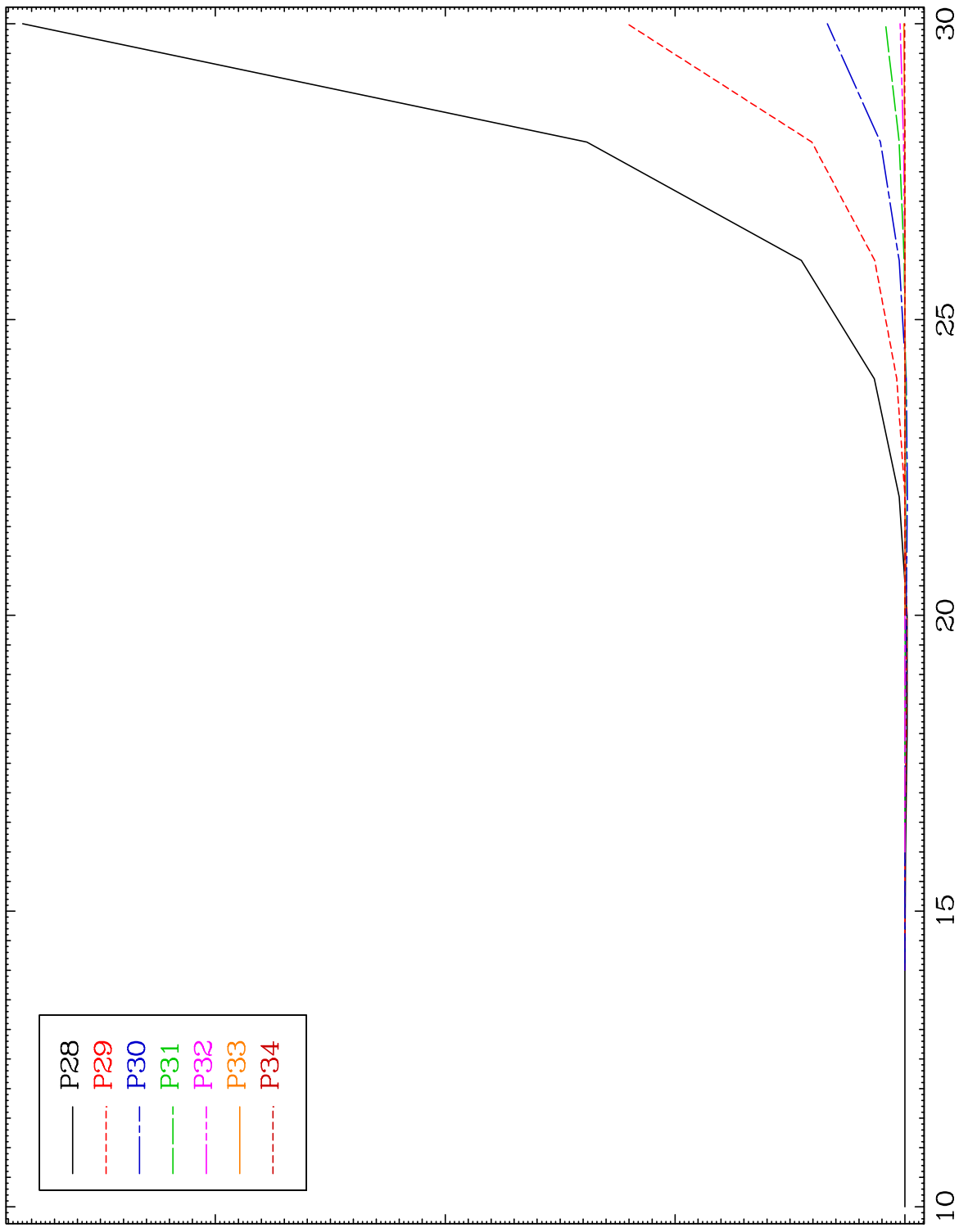
Elastic
Legendre Coefficients

77-Ir-185



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

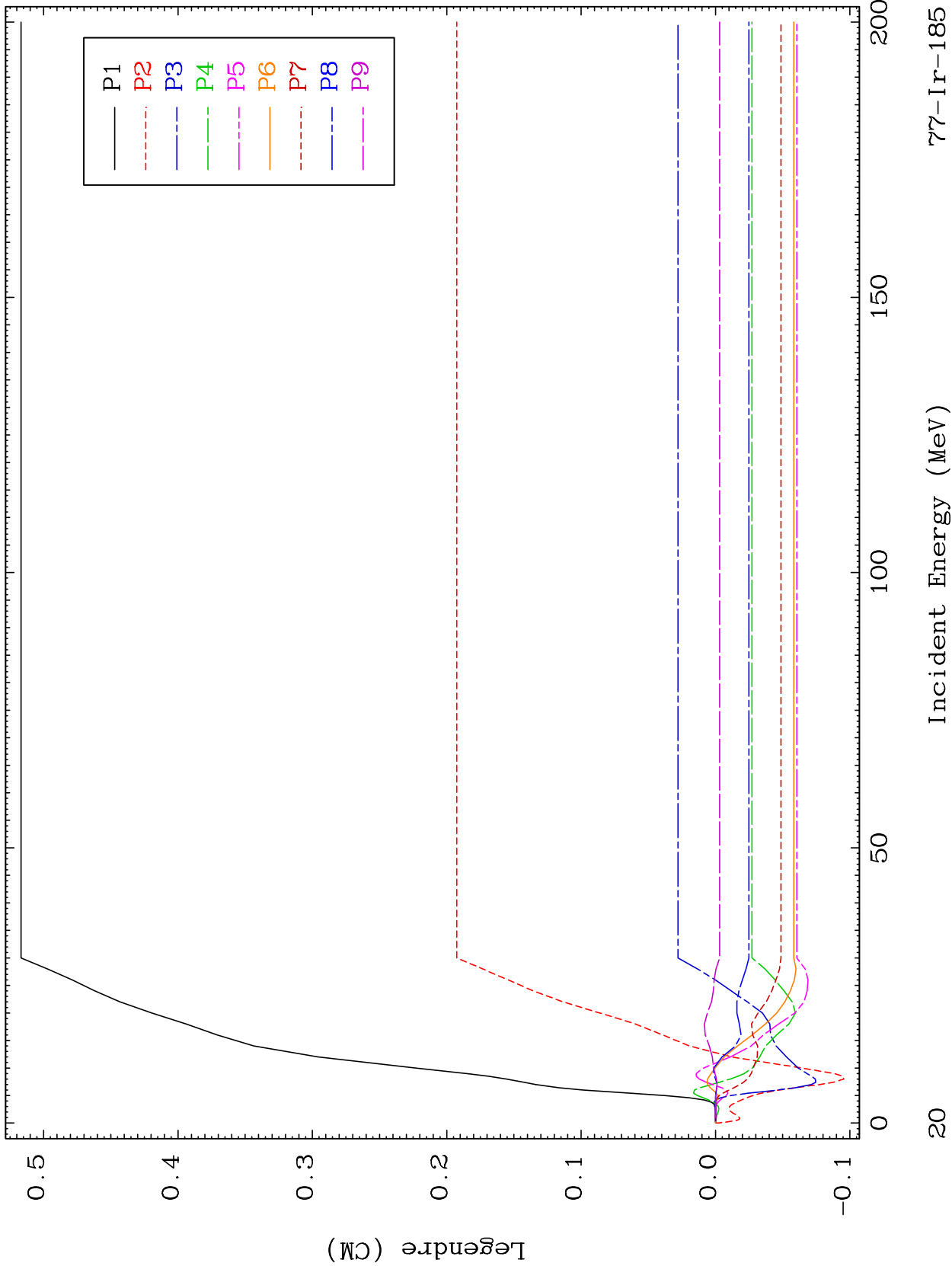
Incident Energy (MeV)

77-Ir-185

MAT 7707

5.800 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

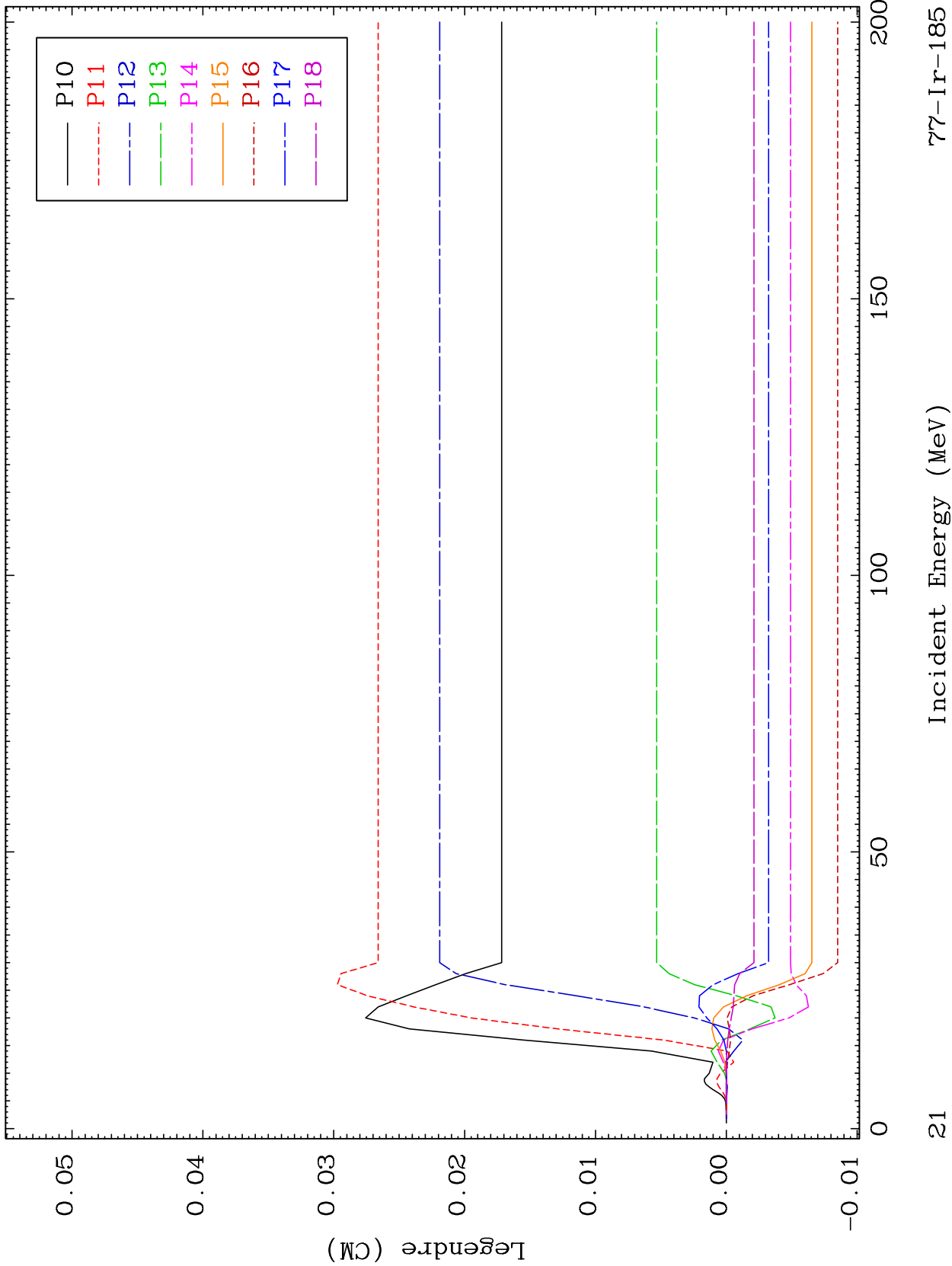
Incident Energy (MeV)

20

MAT 7707

5.800 keV (n,n') Level
Legendre Coefficients

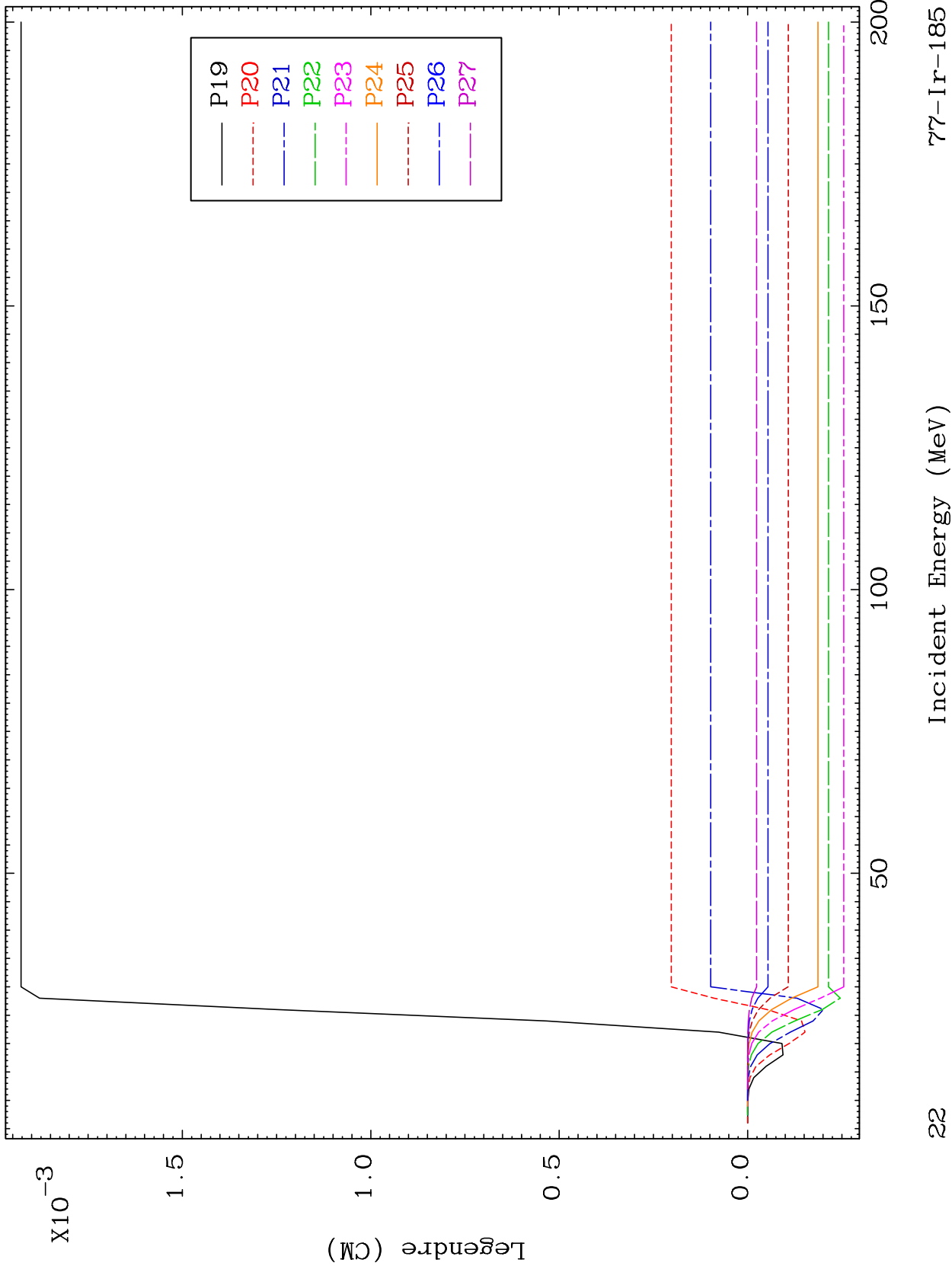
77-Ir-185

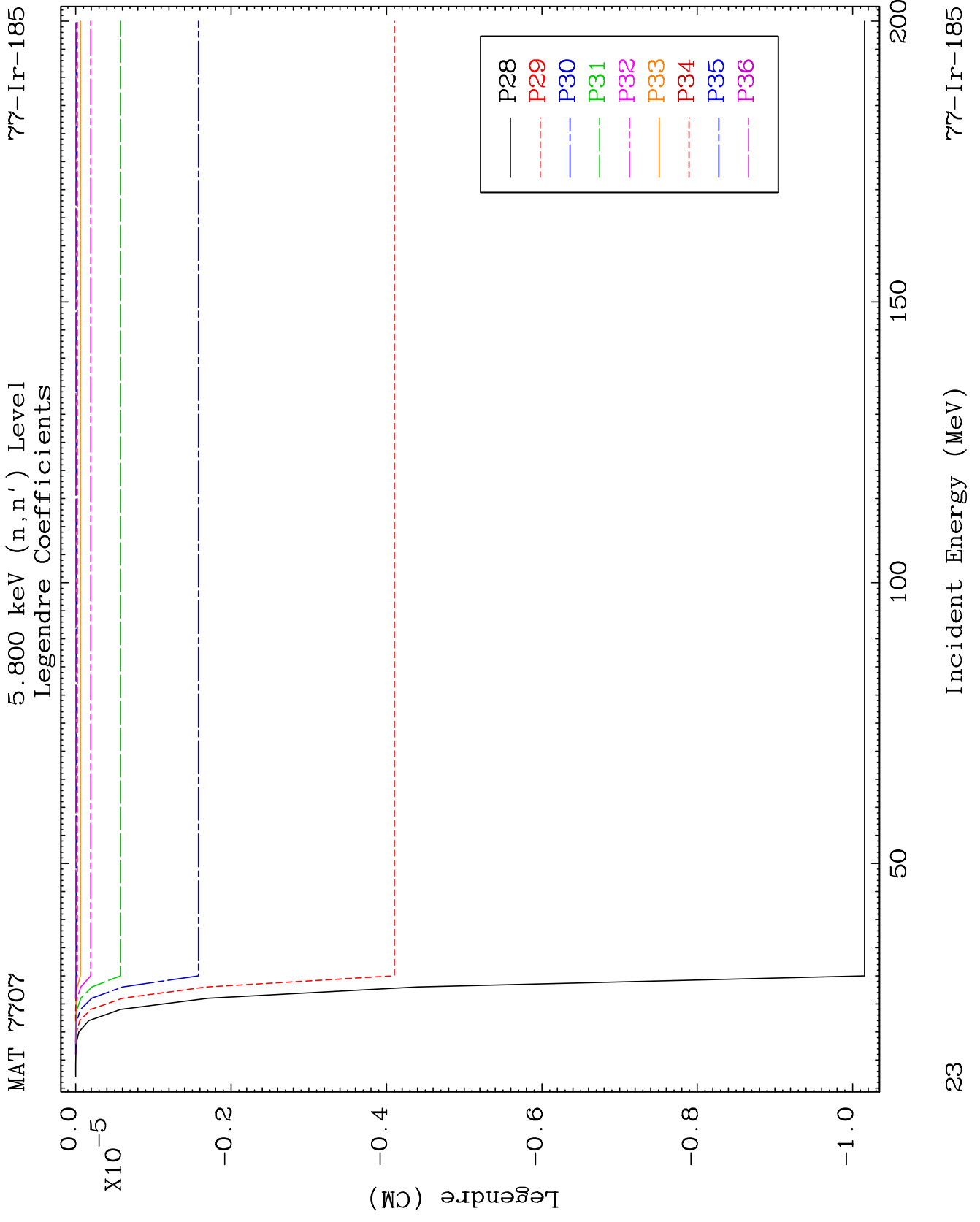


21

Incident Energy (MeV)

77-Ir-185

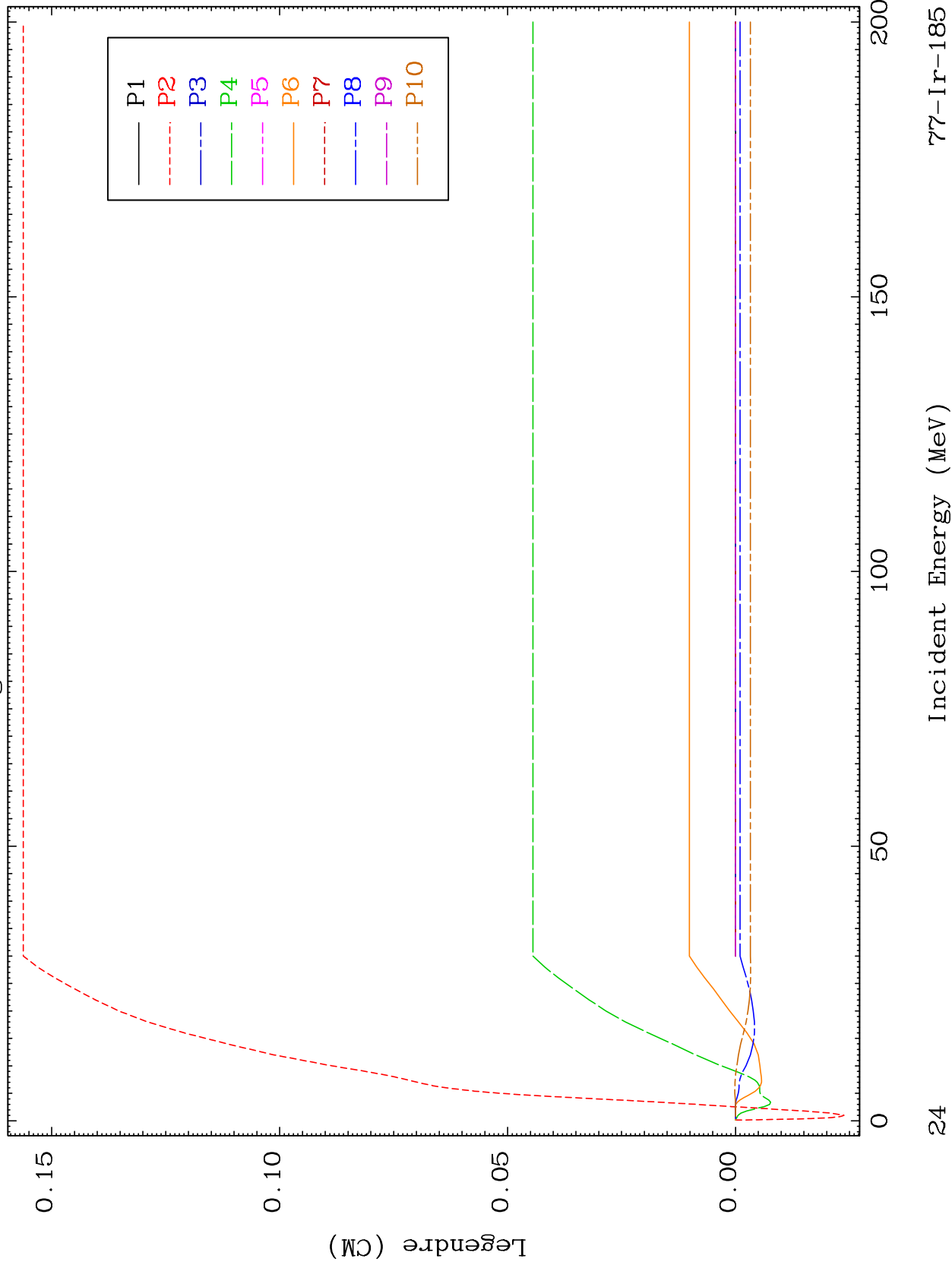




MAT 7707

135.3 keV (n,n') Level
Legendre Coefficients

77-Ir-185



24

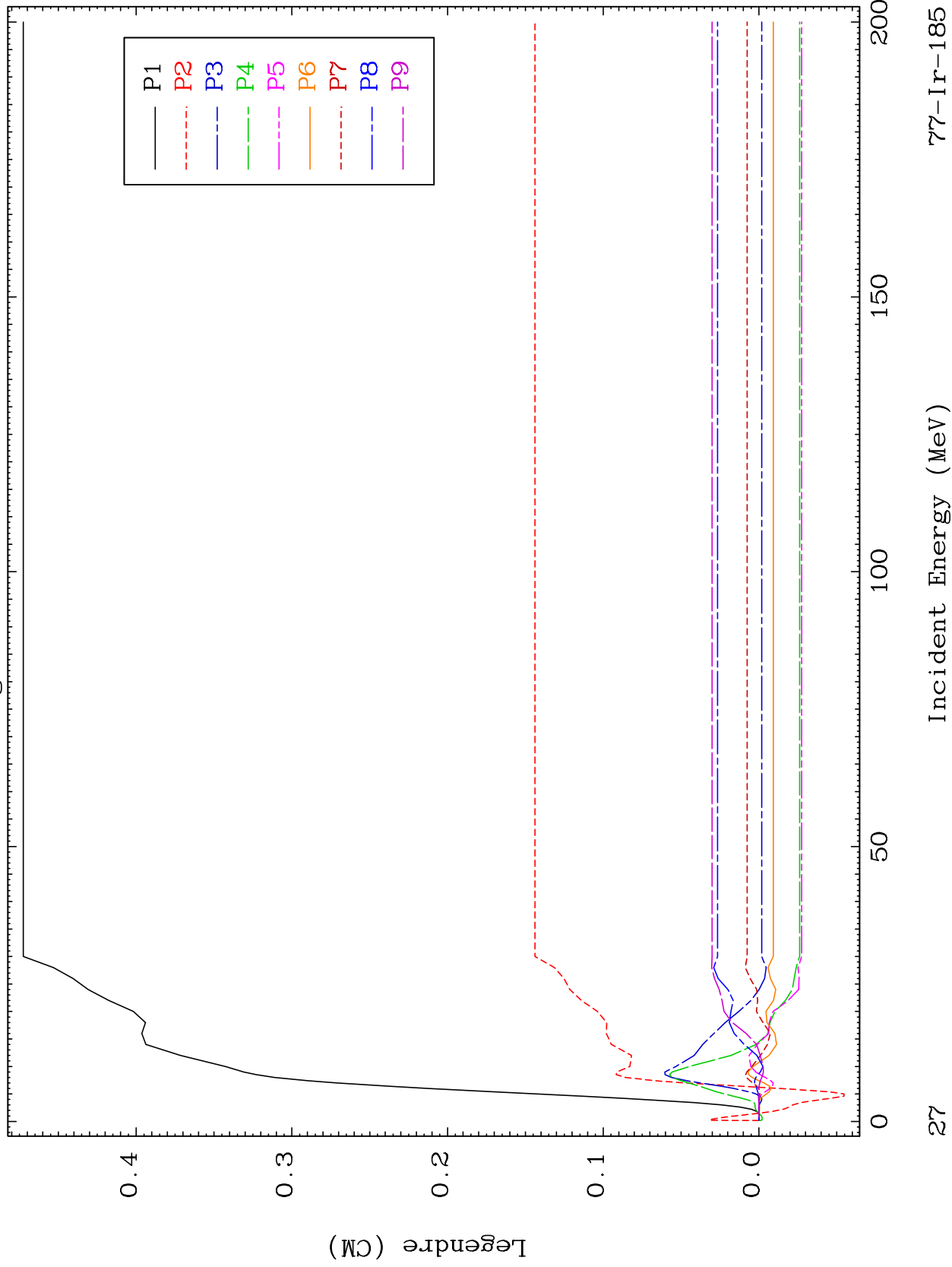
Incident Energy (MeV)

77-Ir-185

MAT 7707

158.6 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

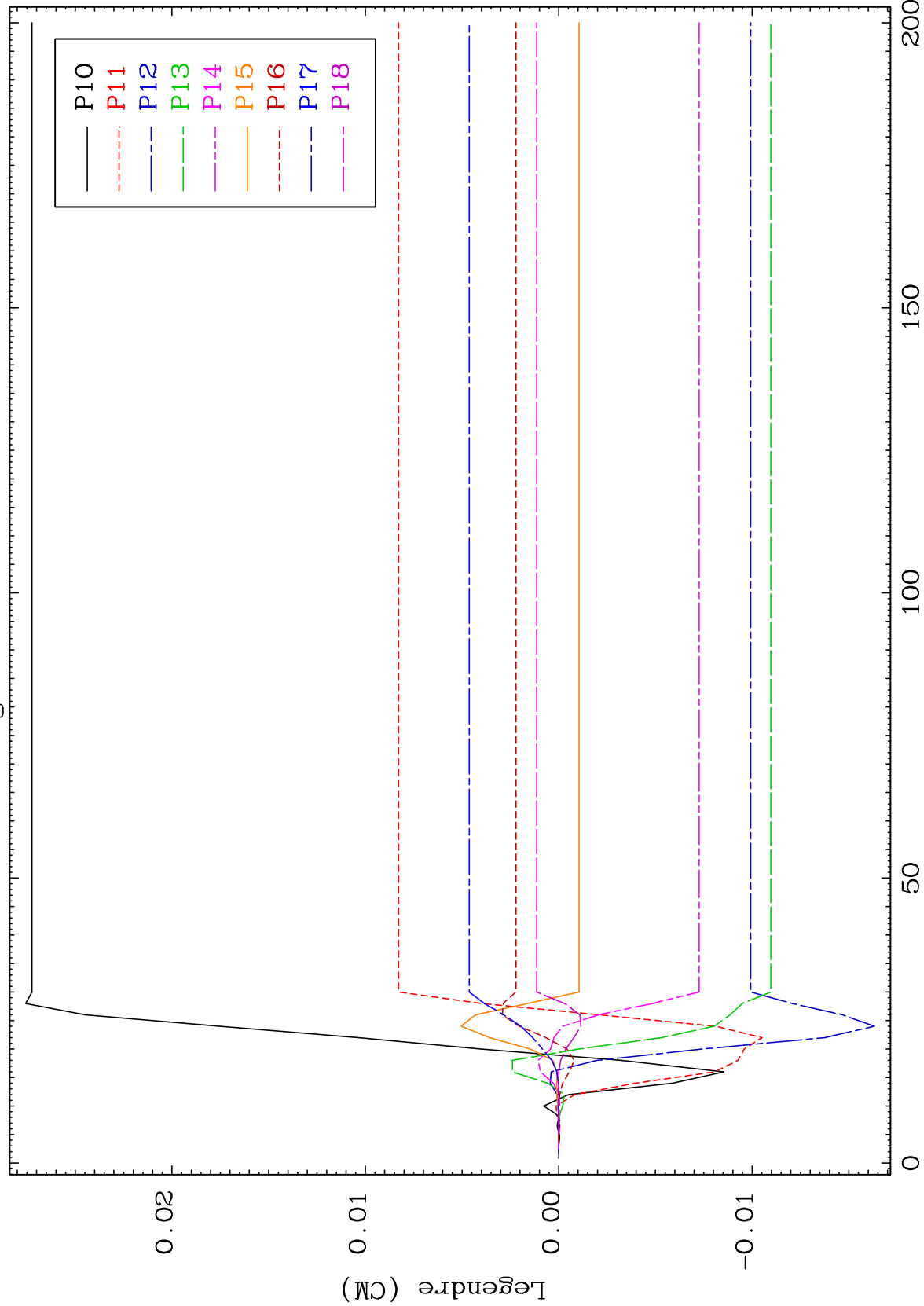
Incident Energy (MeV)

27

MAT 7707

158.6 keV (n,n') Level Legendre Coefficients

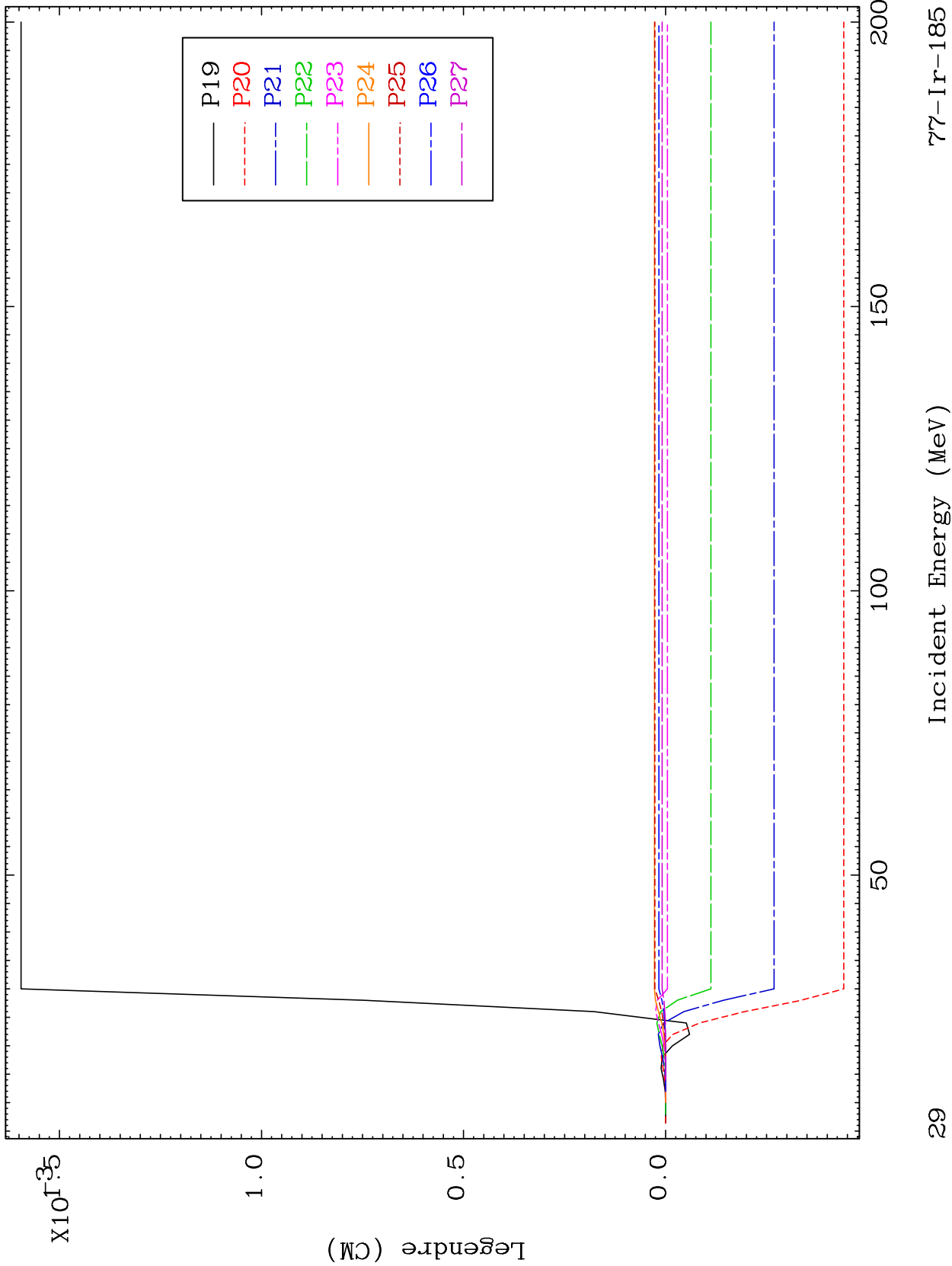
77-Ir-185



28

Incident Energy (MeV)

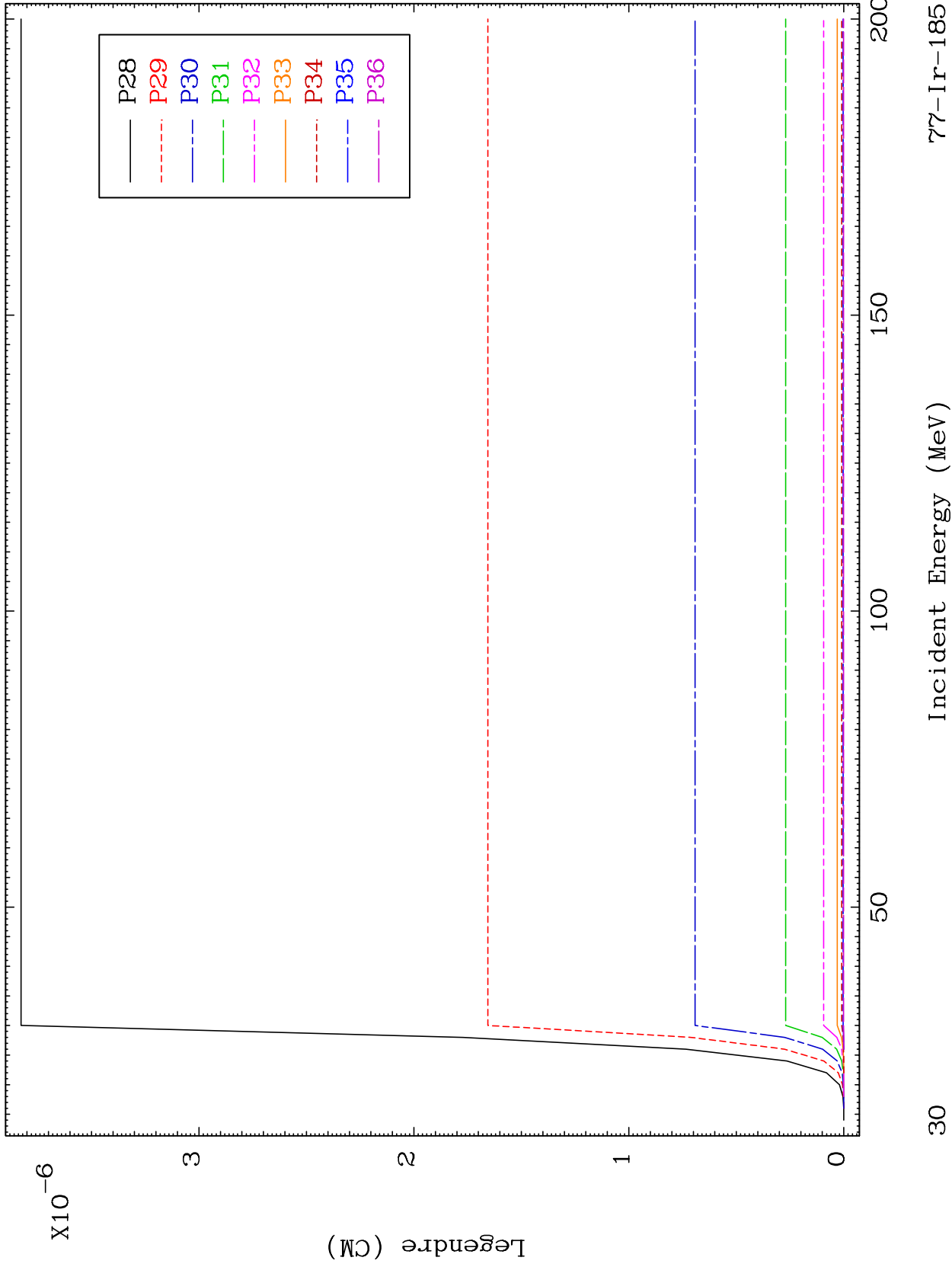
77-Ir-185

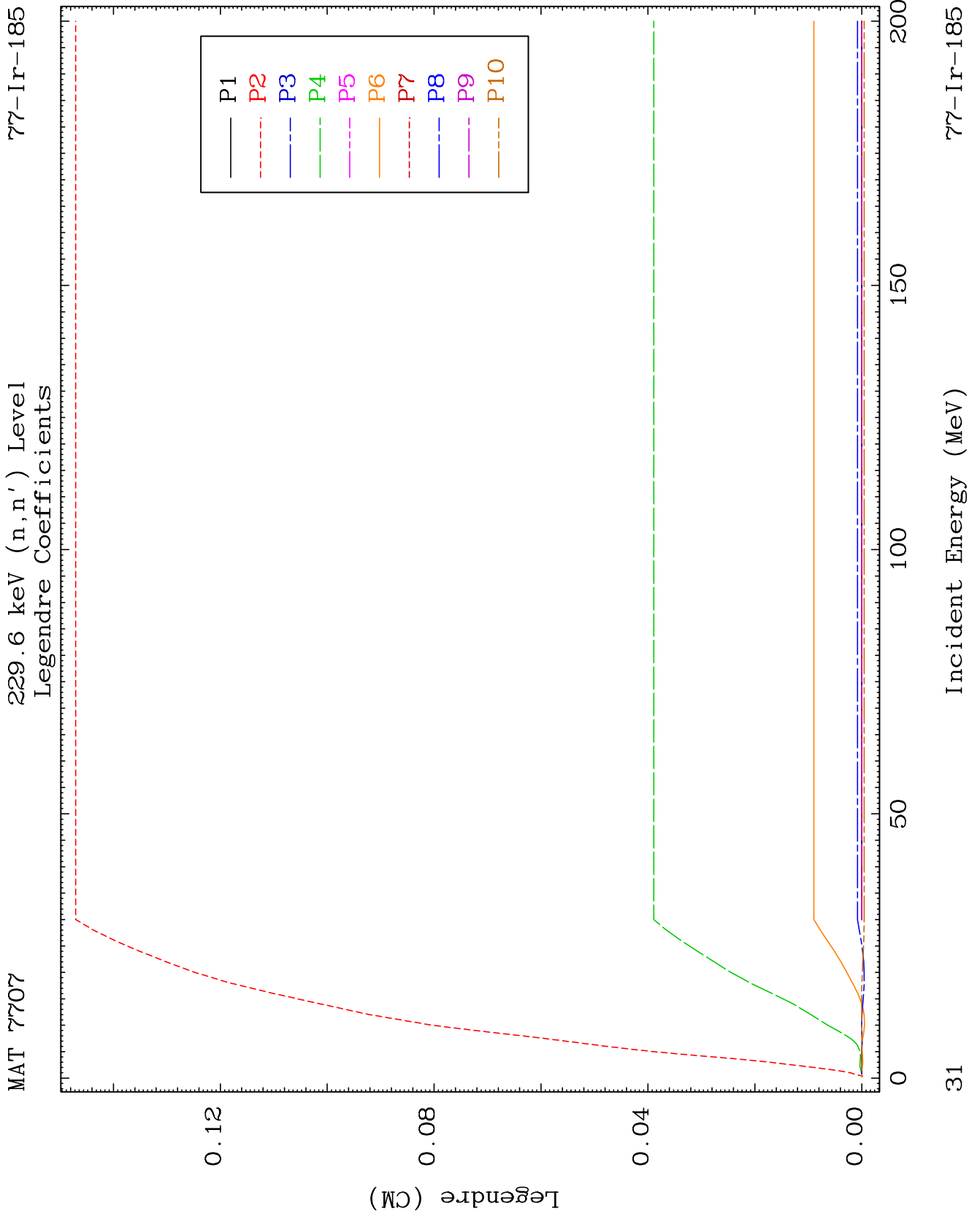


MAT 7707

158.6 keV (n,n') Level
Legendre Coefficients

77-Ir-185

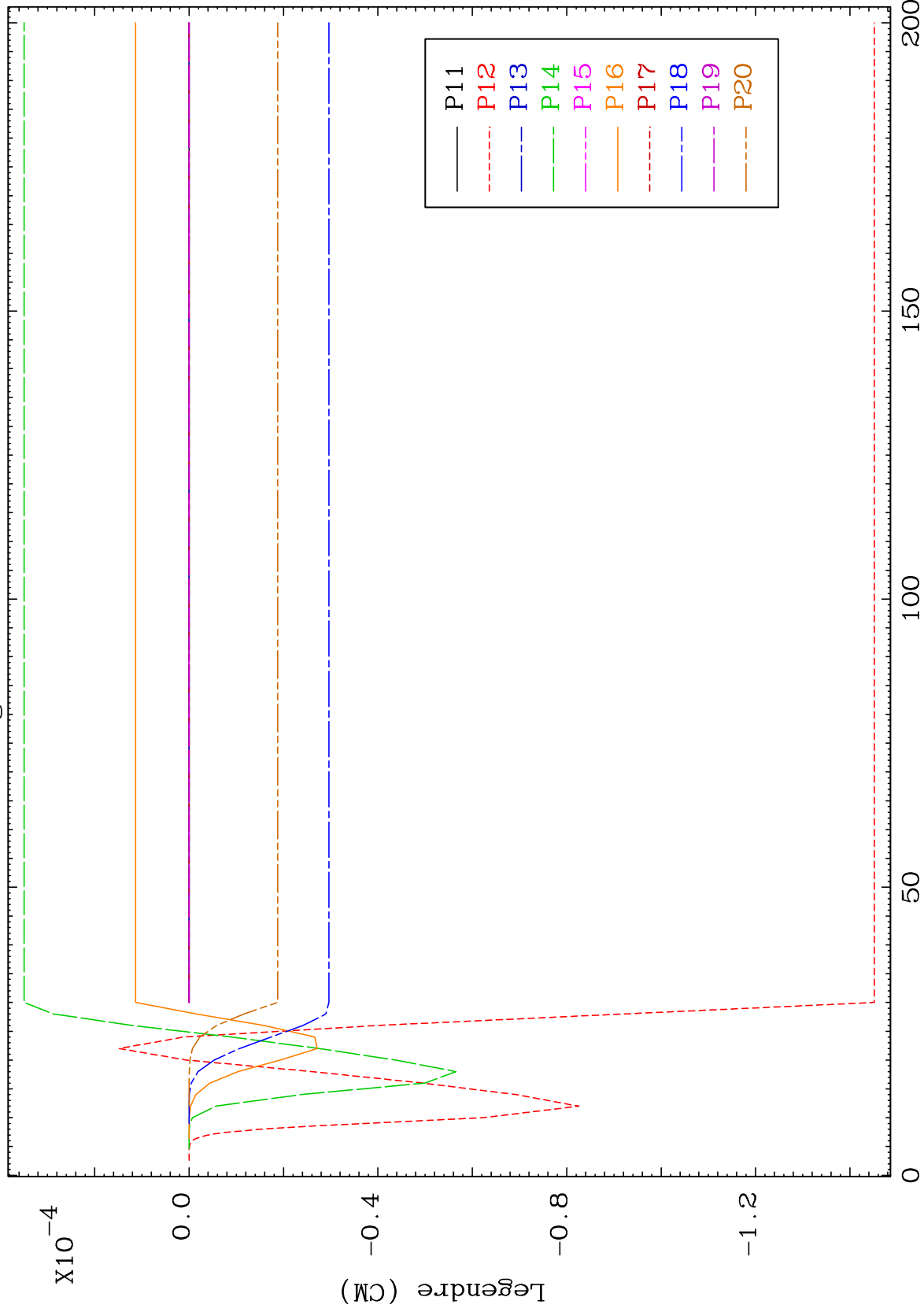




MAT 7707

229.6 keV (n,n') Level
Legendre Coefficients

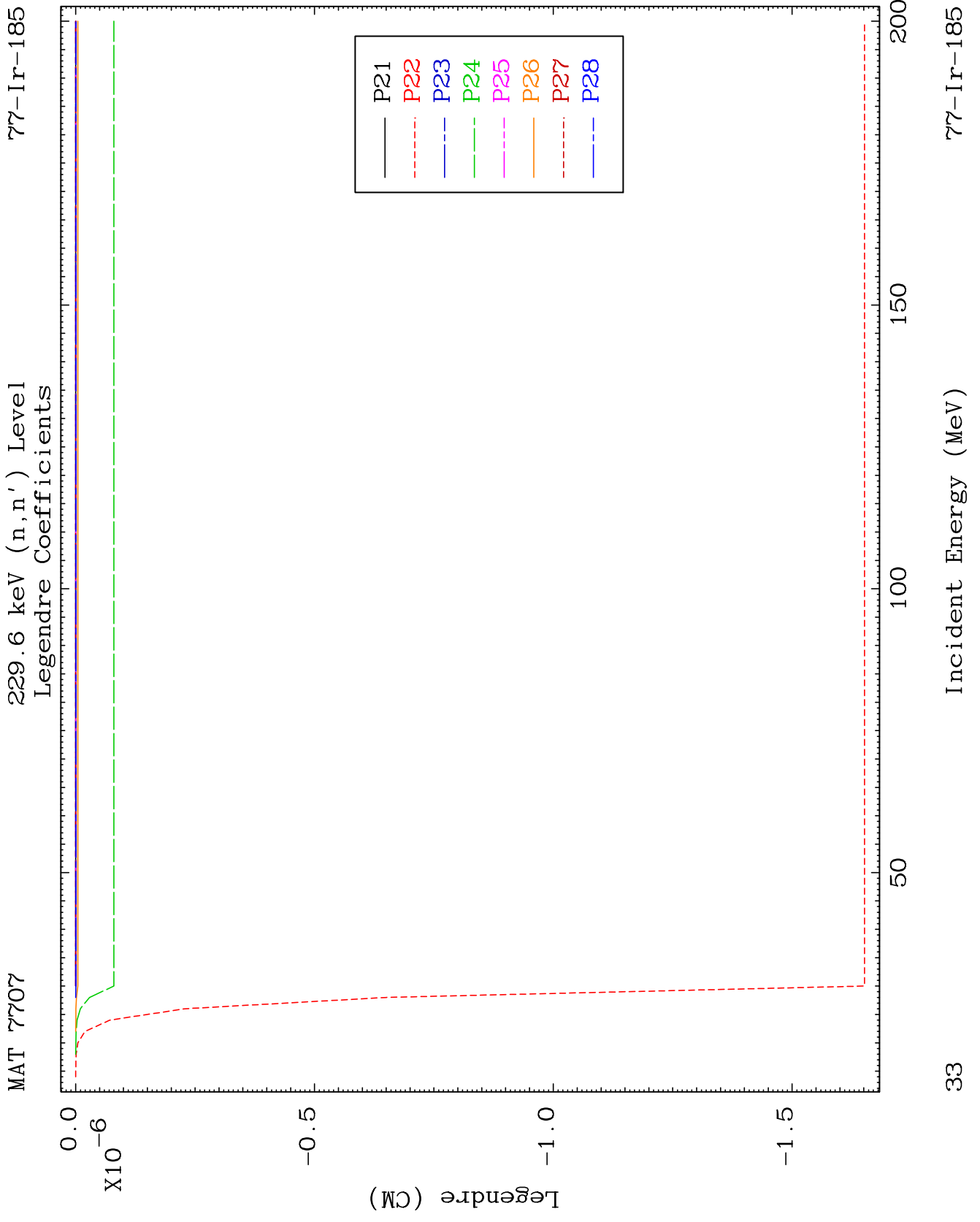
77-Ir-185



32

Incident Energy (MeV)

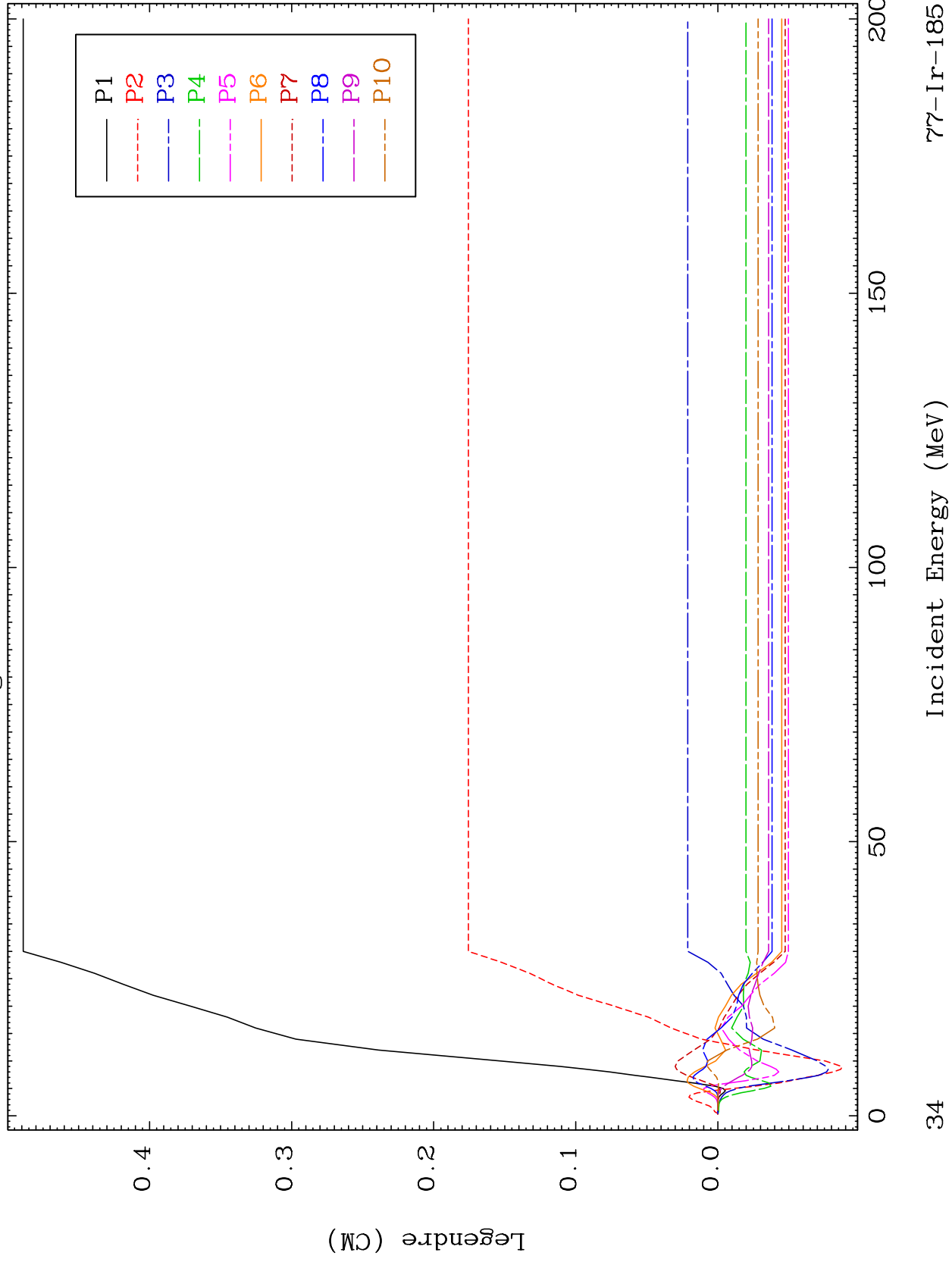
77-Ir-185



MAT 7707

255.1 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

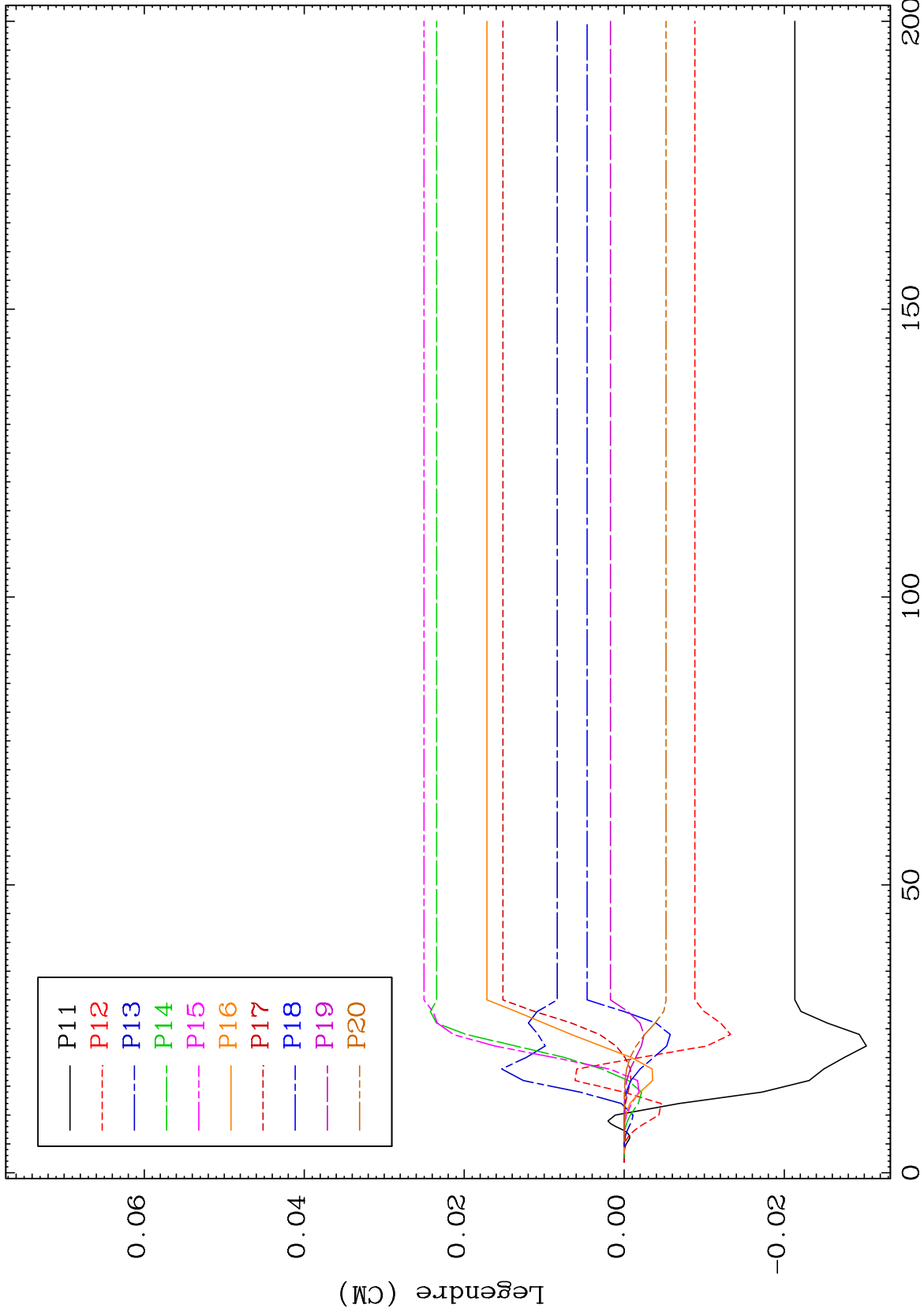
Incident Energy (MeV)

34

MAT 7707

255.1 keV (n,n') Level
Legendre Coefficients

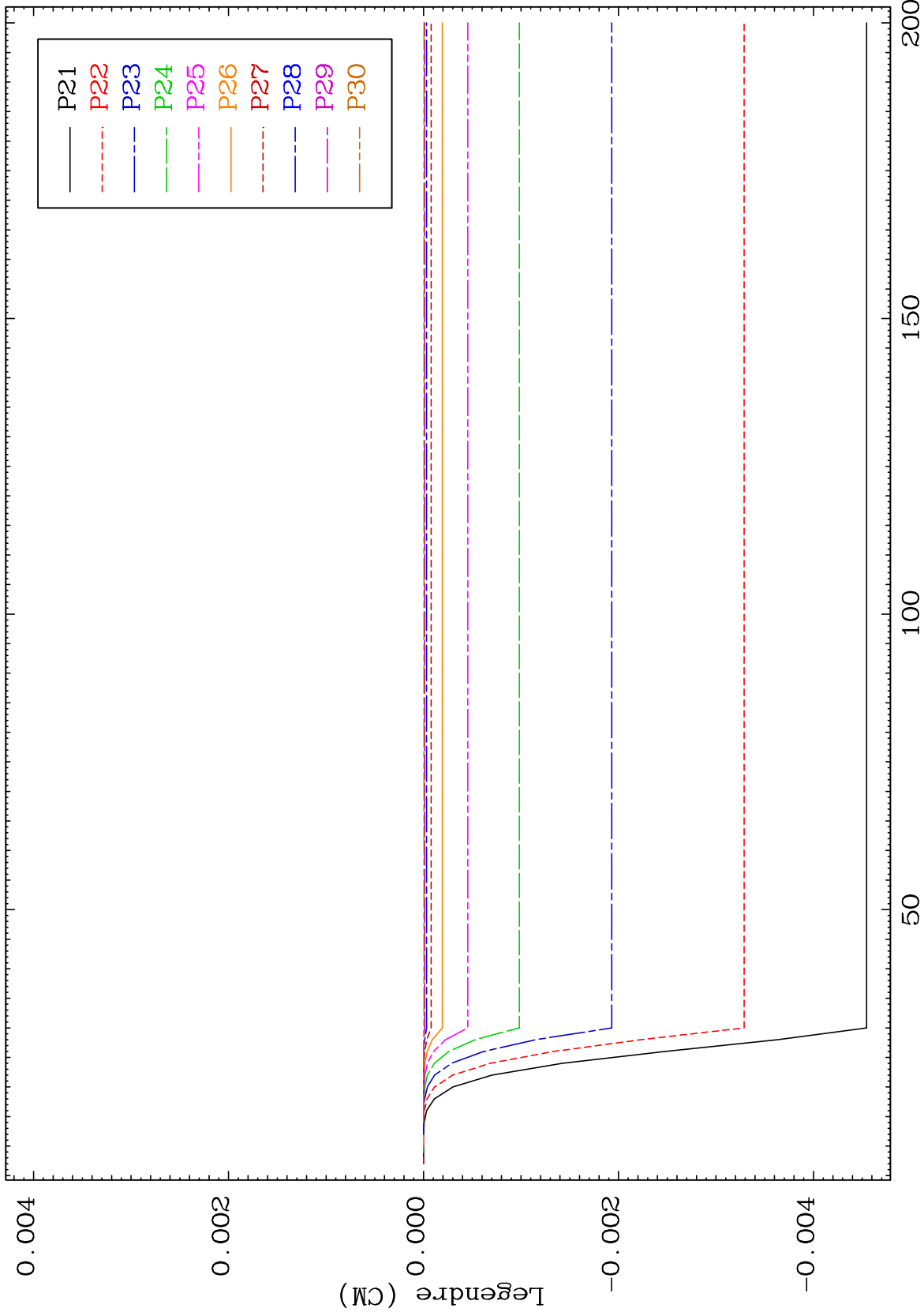
77-Ir-185

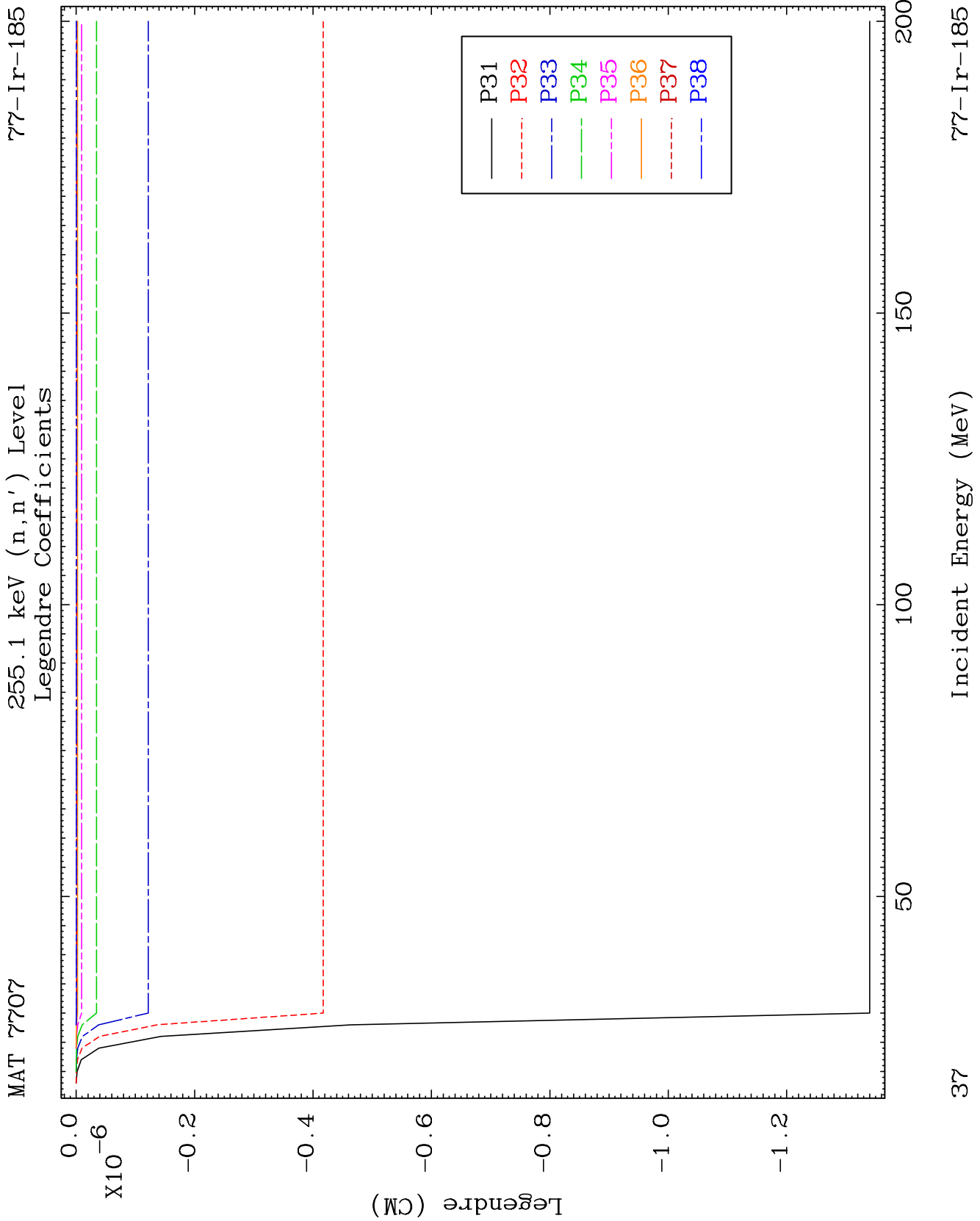


35

Incident Energy (MeV)

77-Ir-185

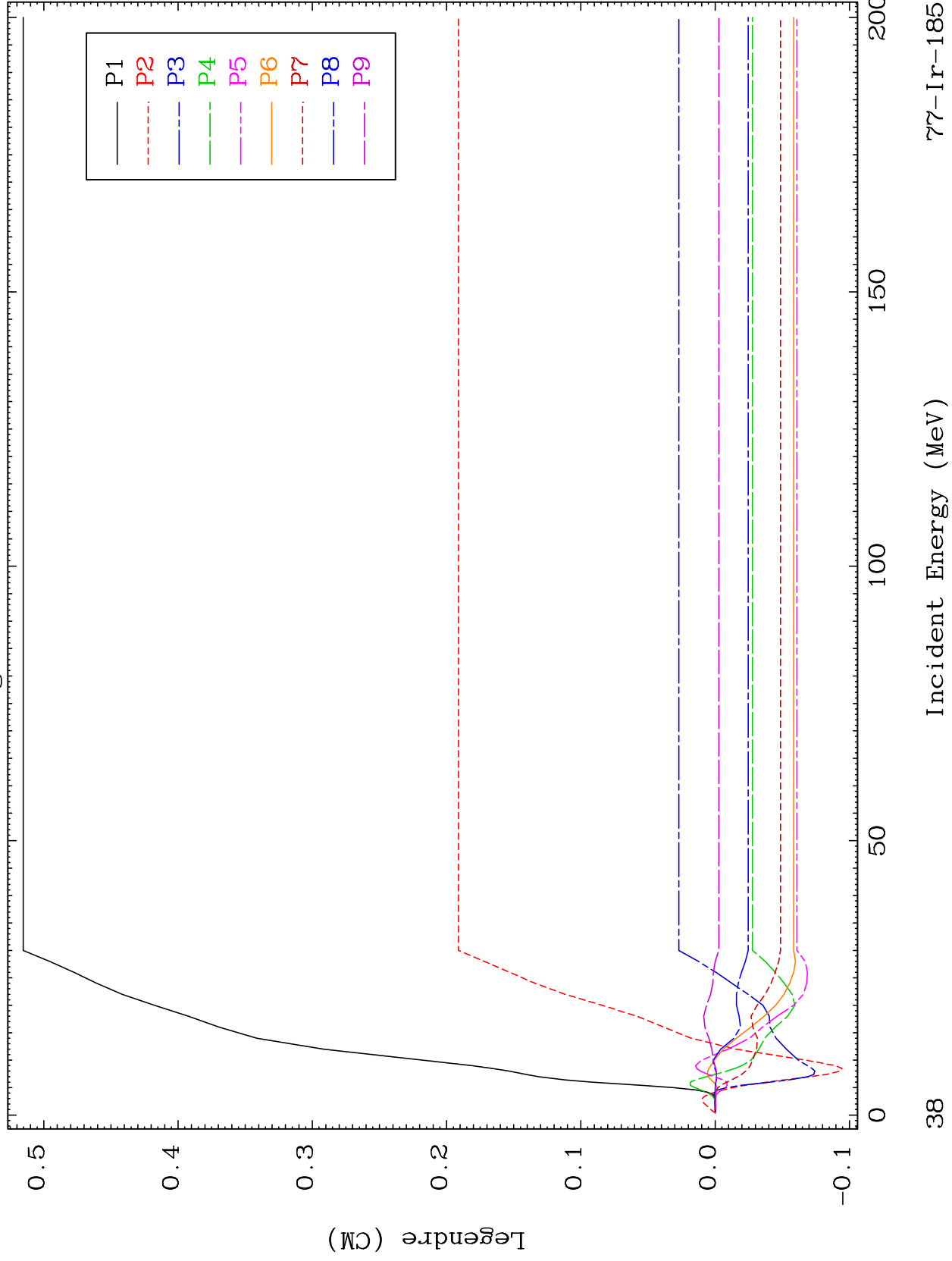




MAT 7707

300.1 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

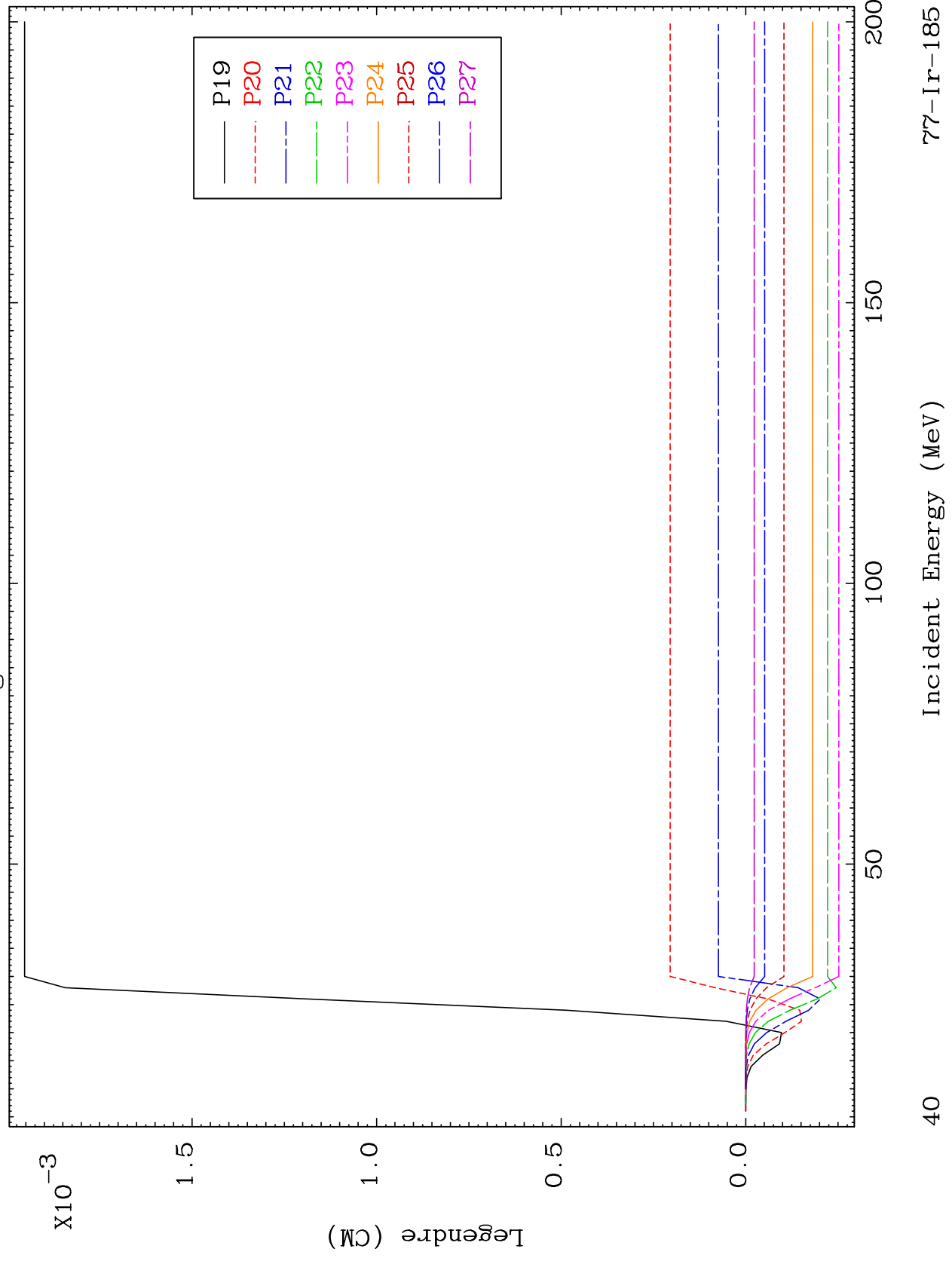
Incident Energy (MeV)

38

MAT 7707

300.1 keV (n,n') Level
Legendre Coefficients

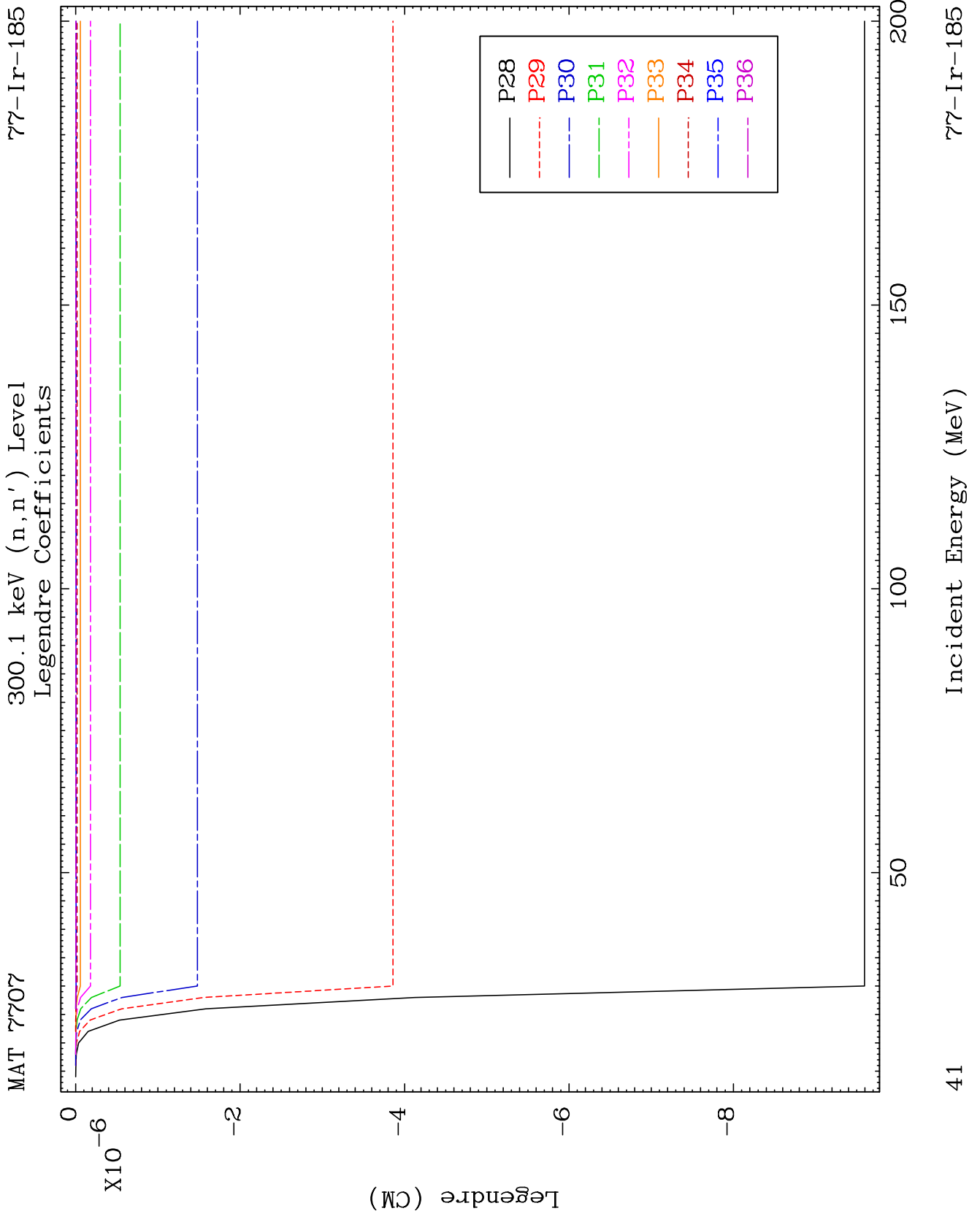
77-Ir-185



40

Incident Energy (MeV)

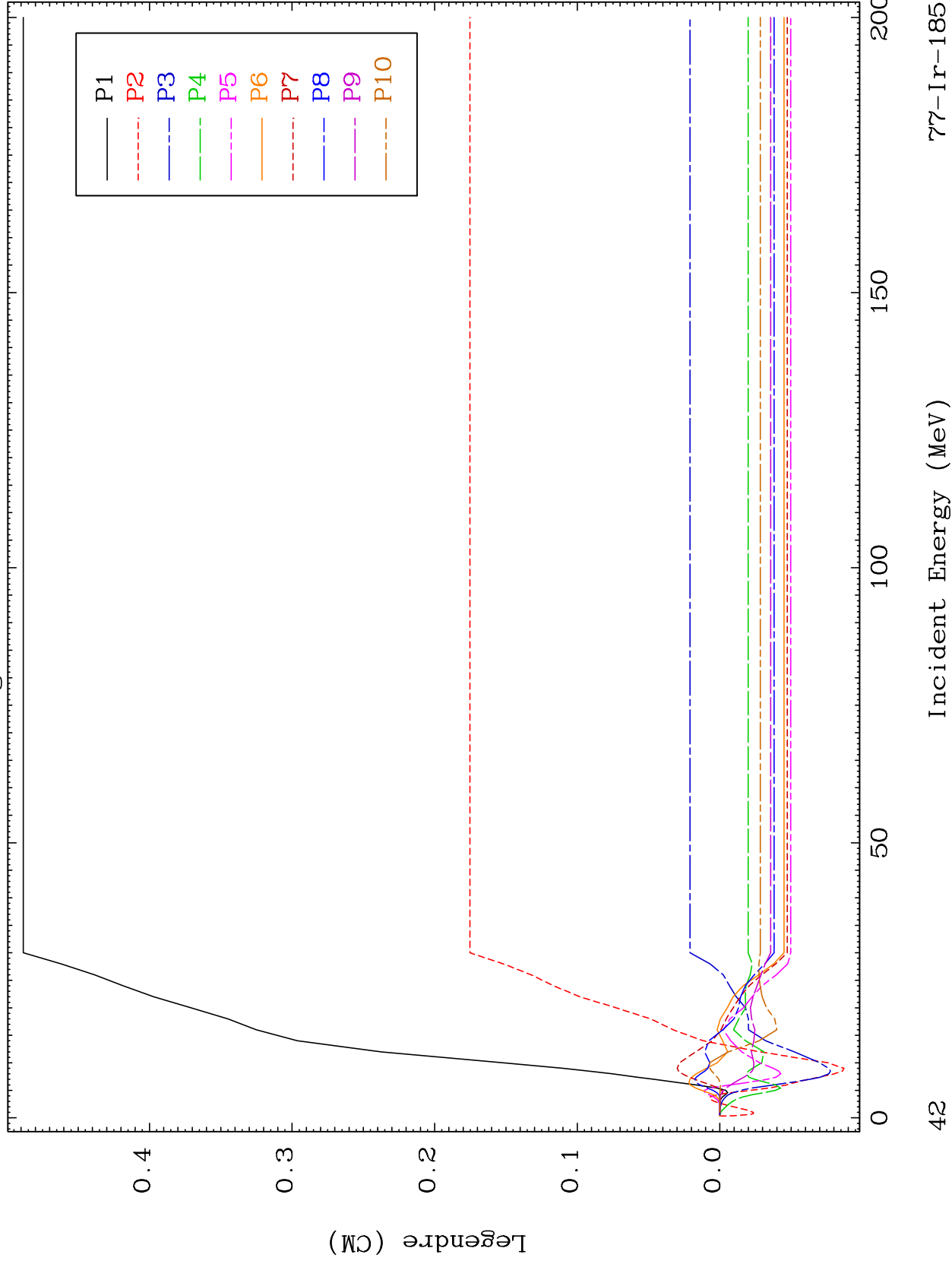
77-Ir-185



MAT 7707

332.7 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

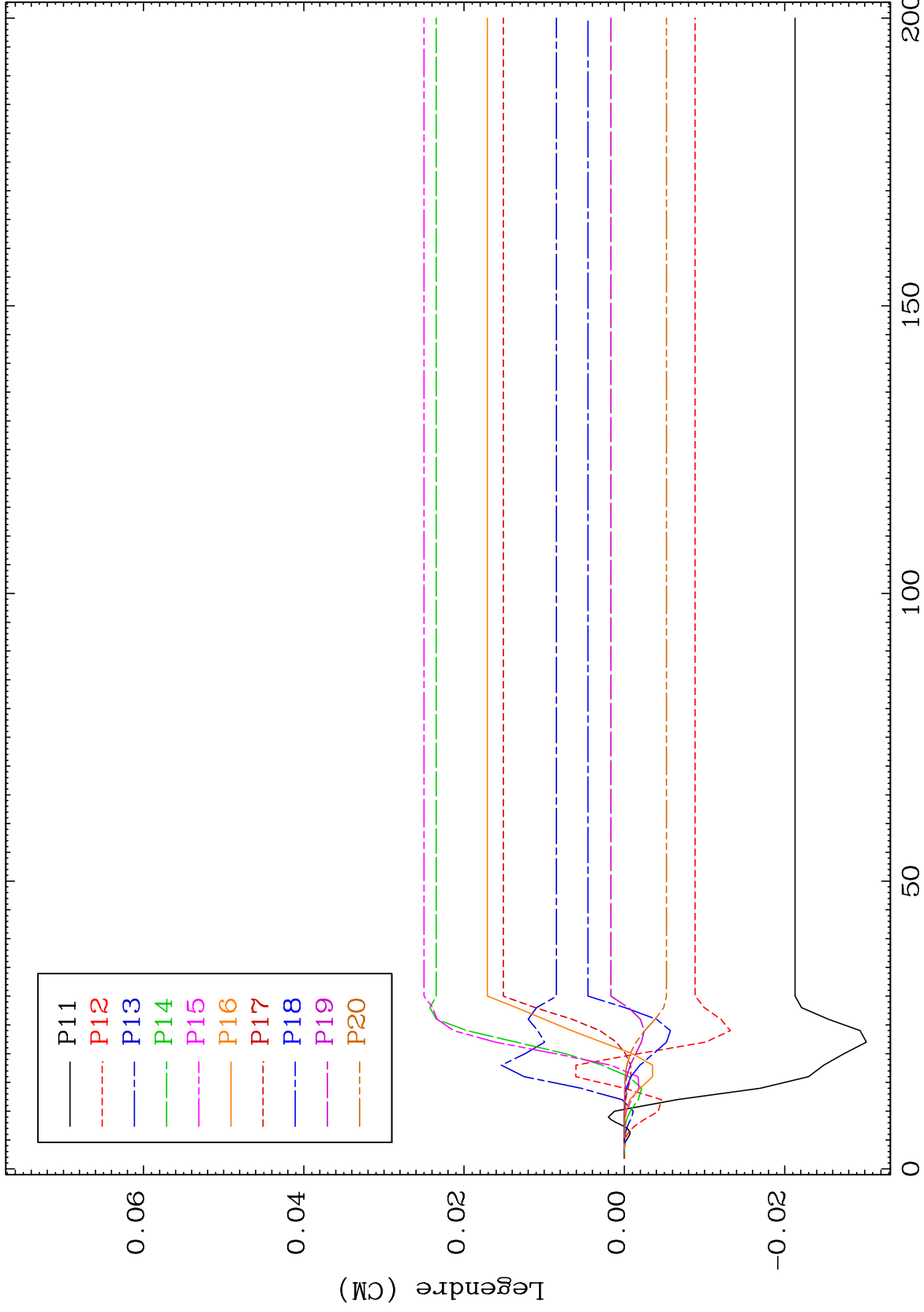
Incident Energy (MeV)

42

MAT 7707

332.7 keV (n,n') Level
Legendre Coefficients

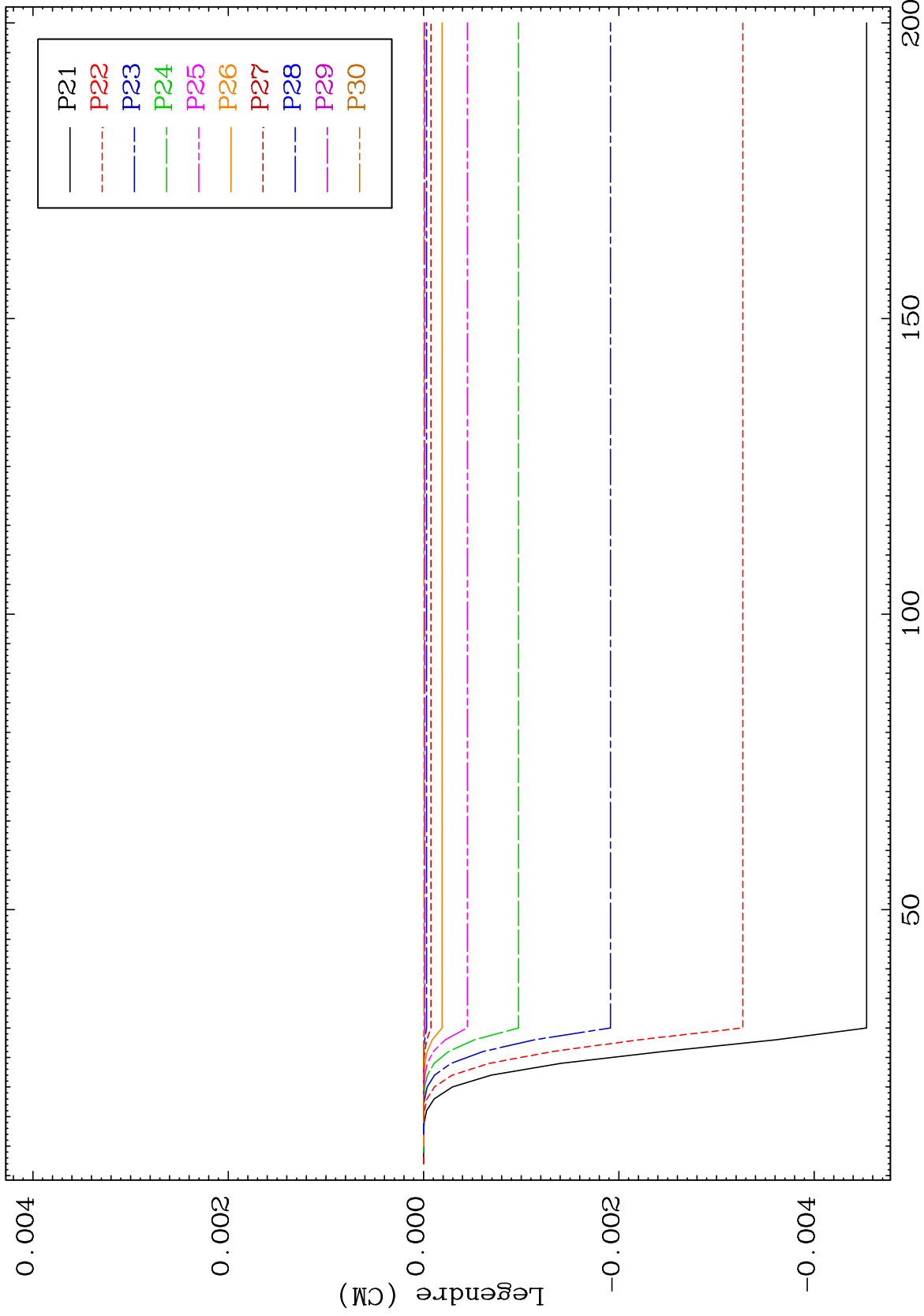
77-Ir-185



43

Incident Energy (MeV)

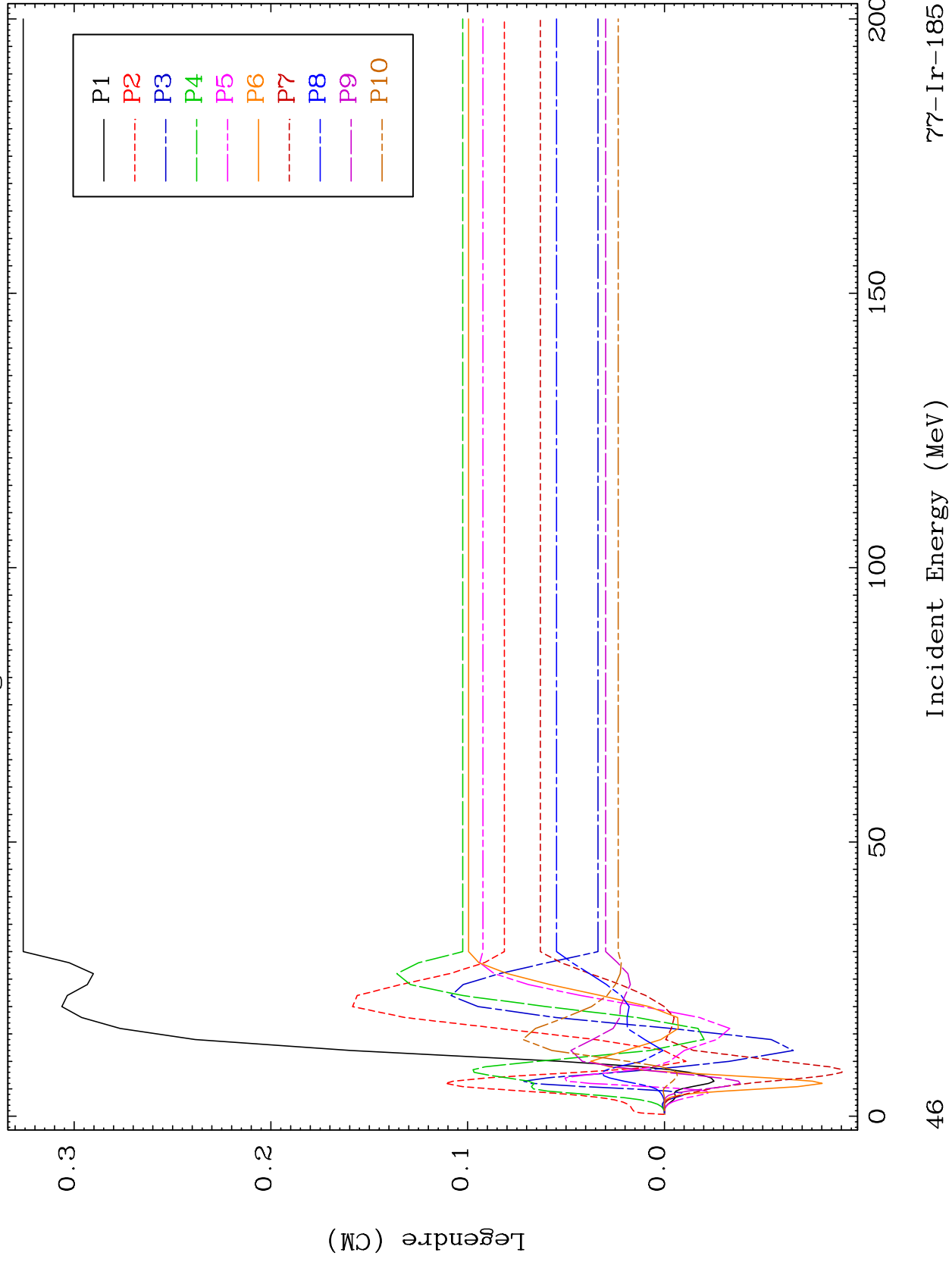
77-Ir-185



MAT 7707

335.3 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

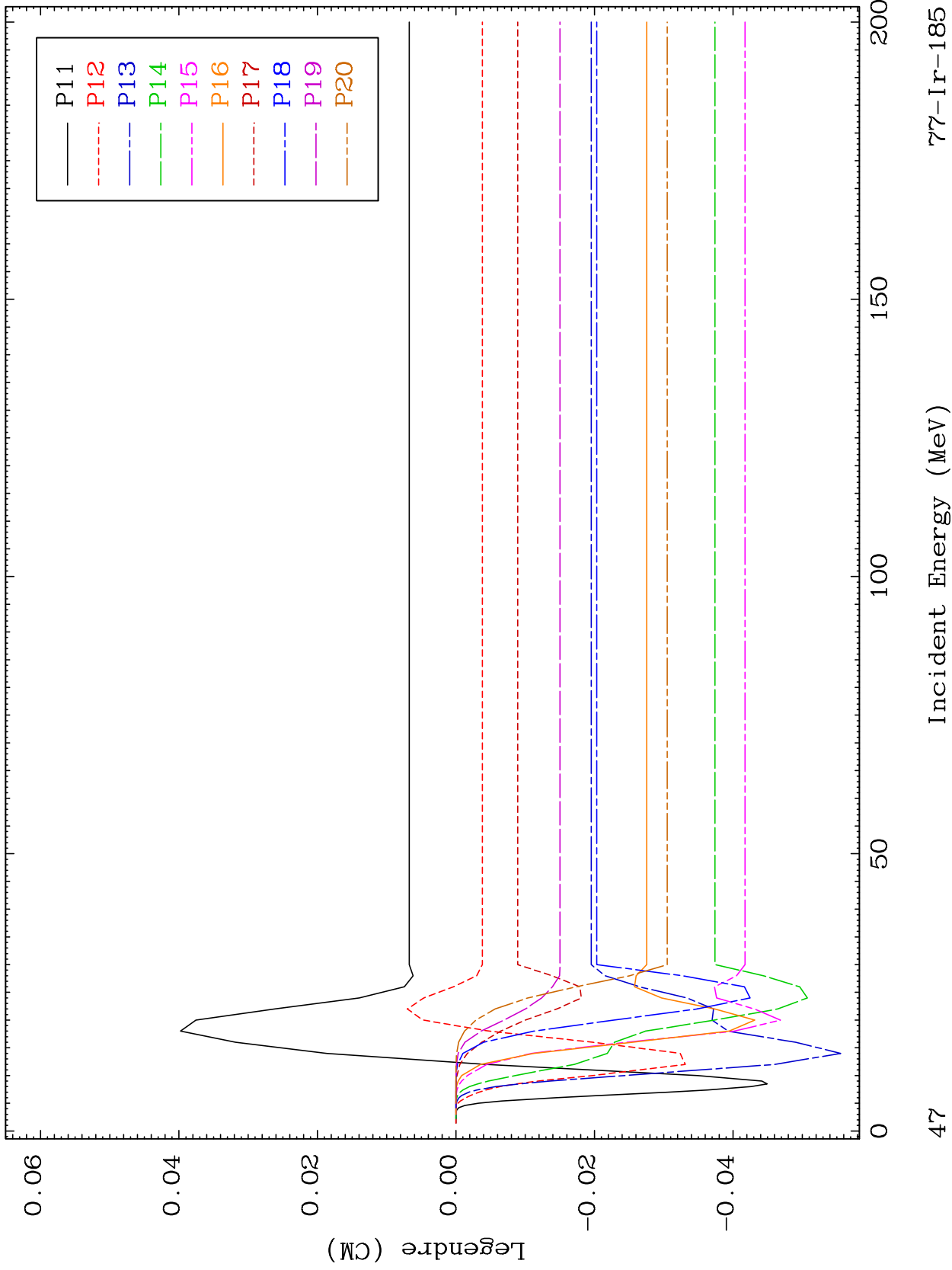
Incident Energy (MeV)

46

MAT 7707

335.3 keV (n,n') Level
Legendre Coefficients

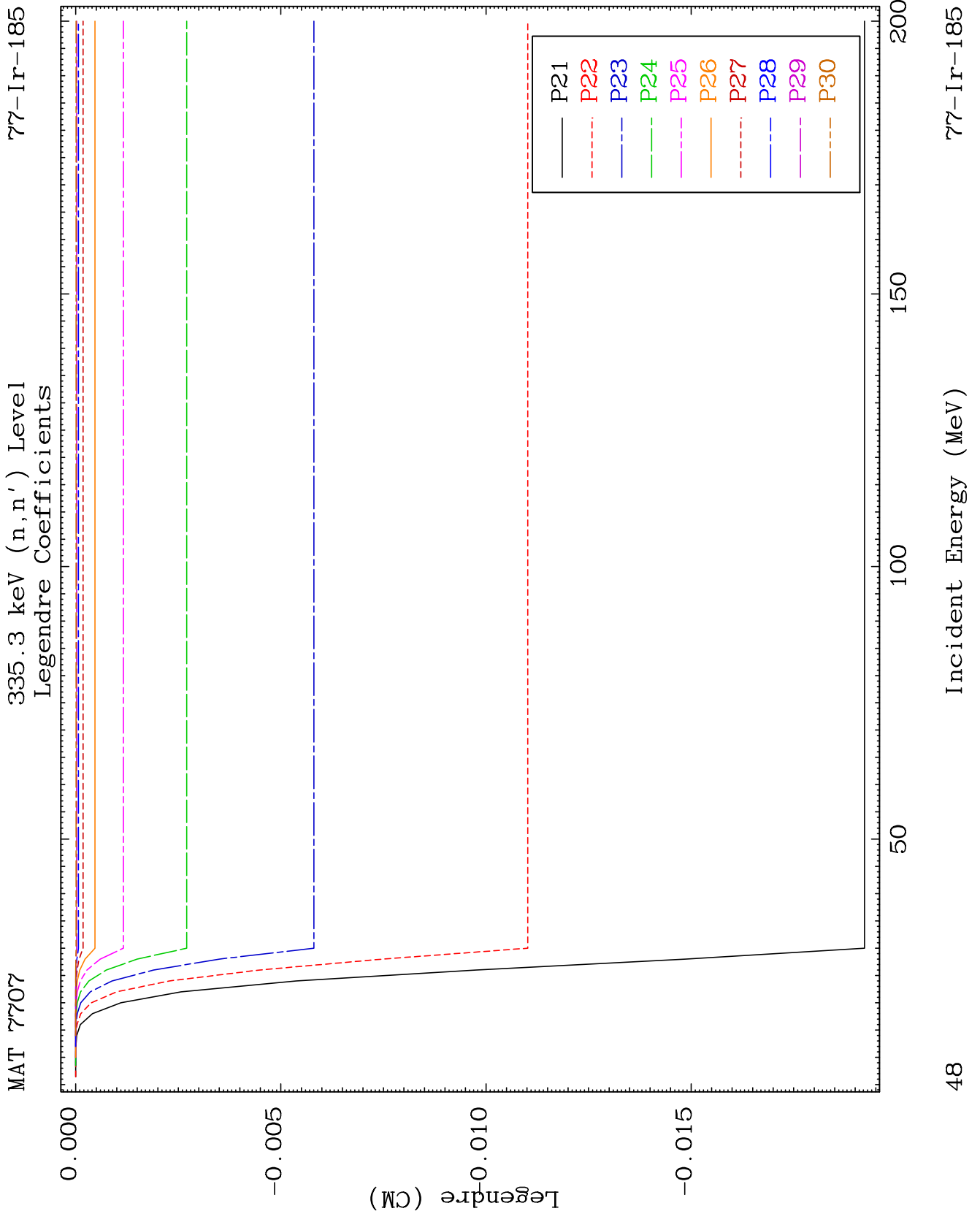
77-Ir-185

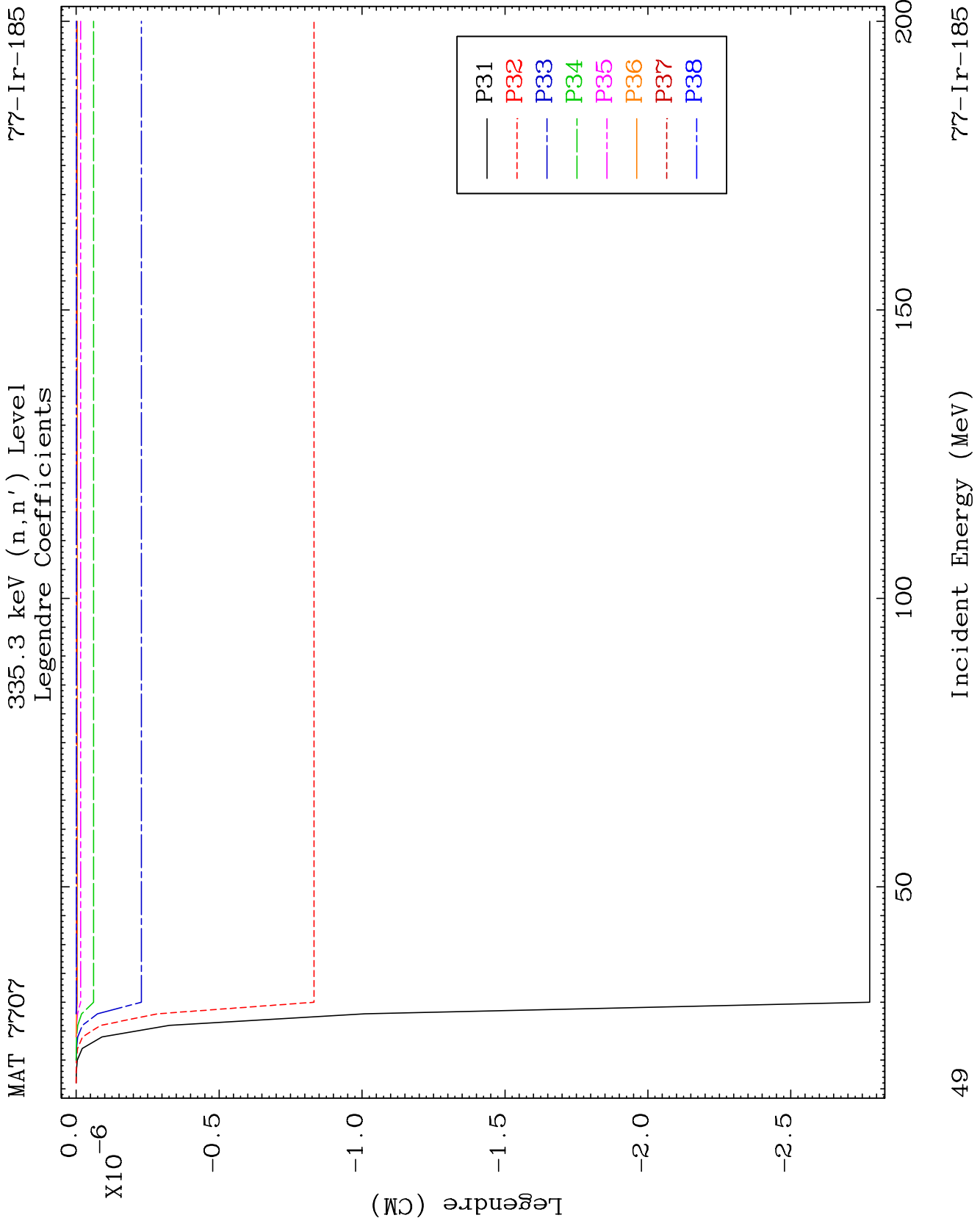


47

Incident Energy (MeV)

77-Ir-185

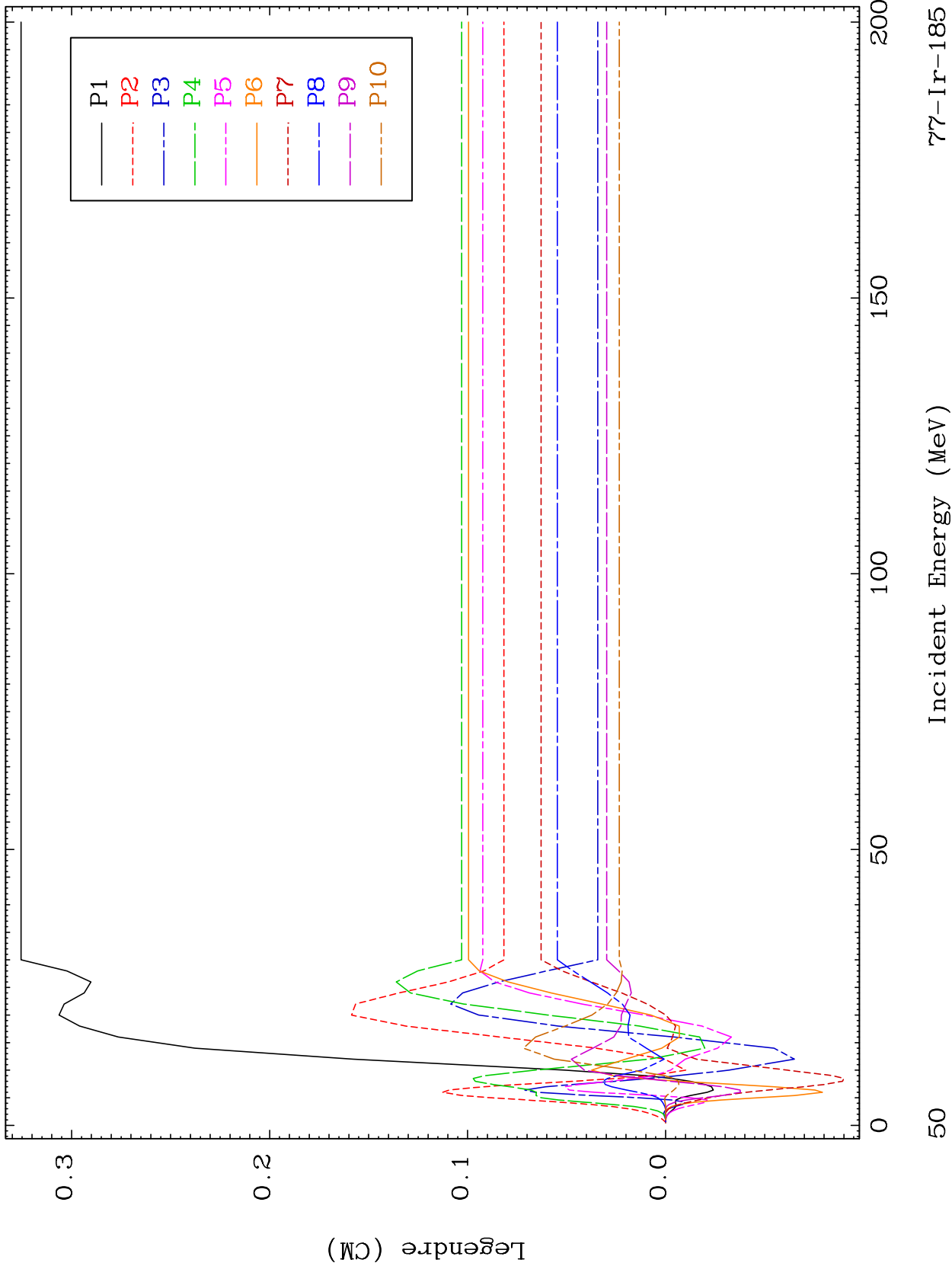




MAT 7707

418.7 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

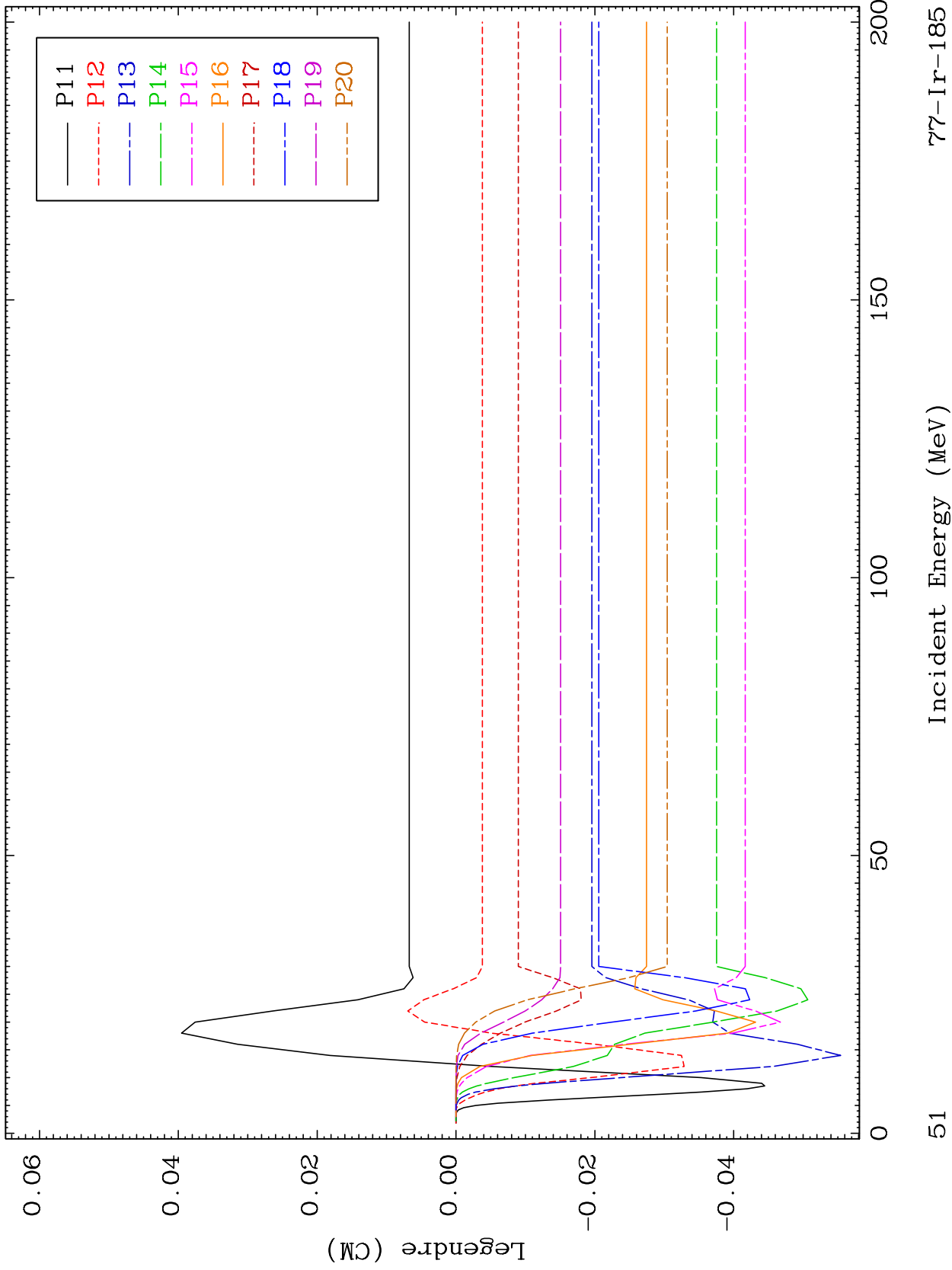
Incident Energy (MeV)

50

MAT 7707

418.7 keV (n,n') Level
Legendre Coefficients

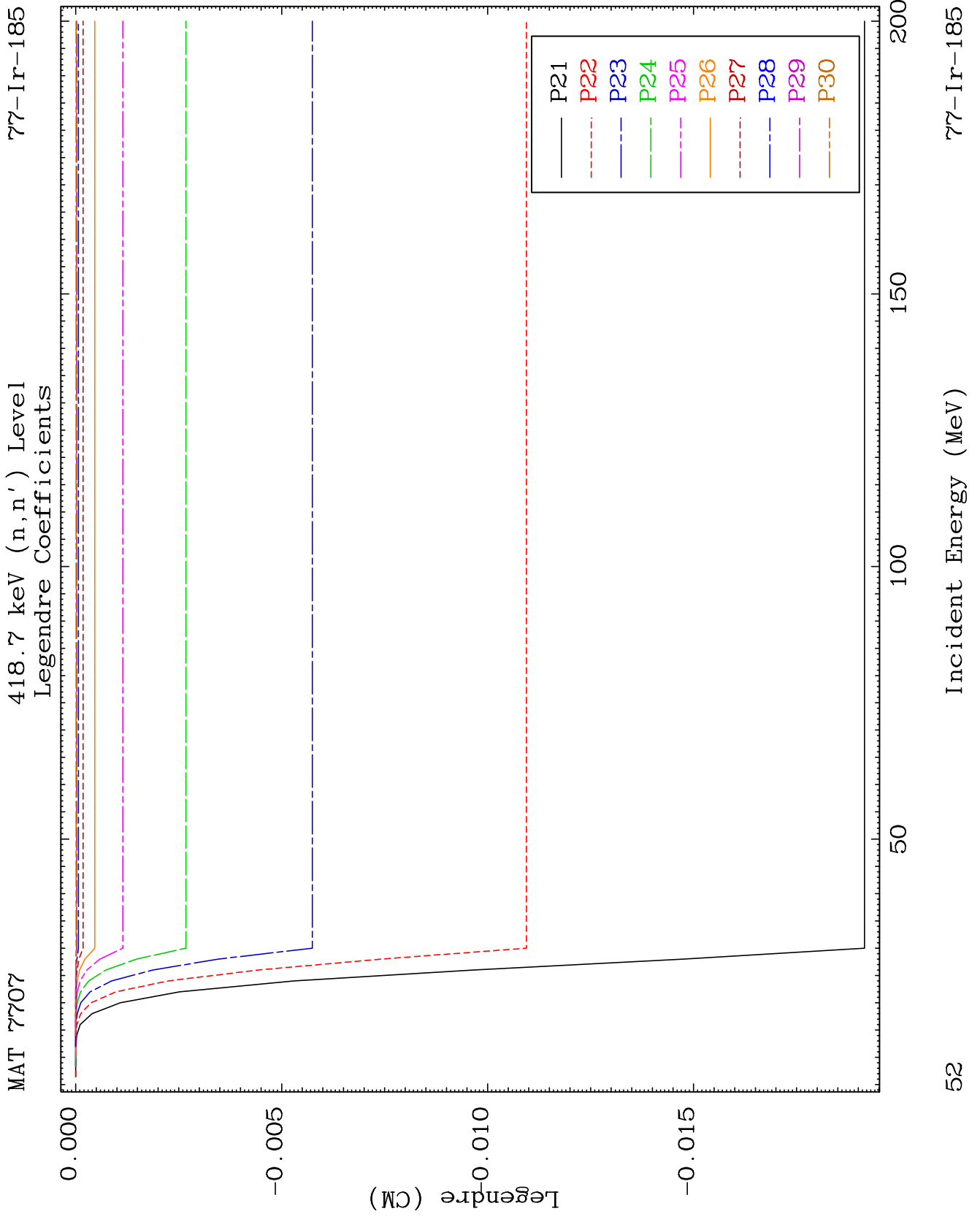
77-Ir-185



51

Incident Energy (MeV)

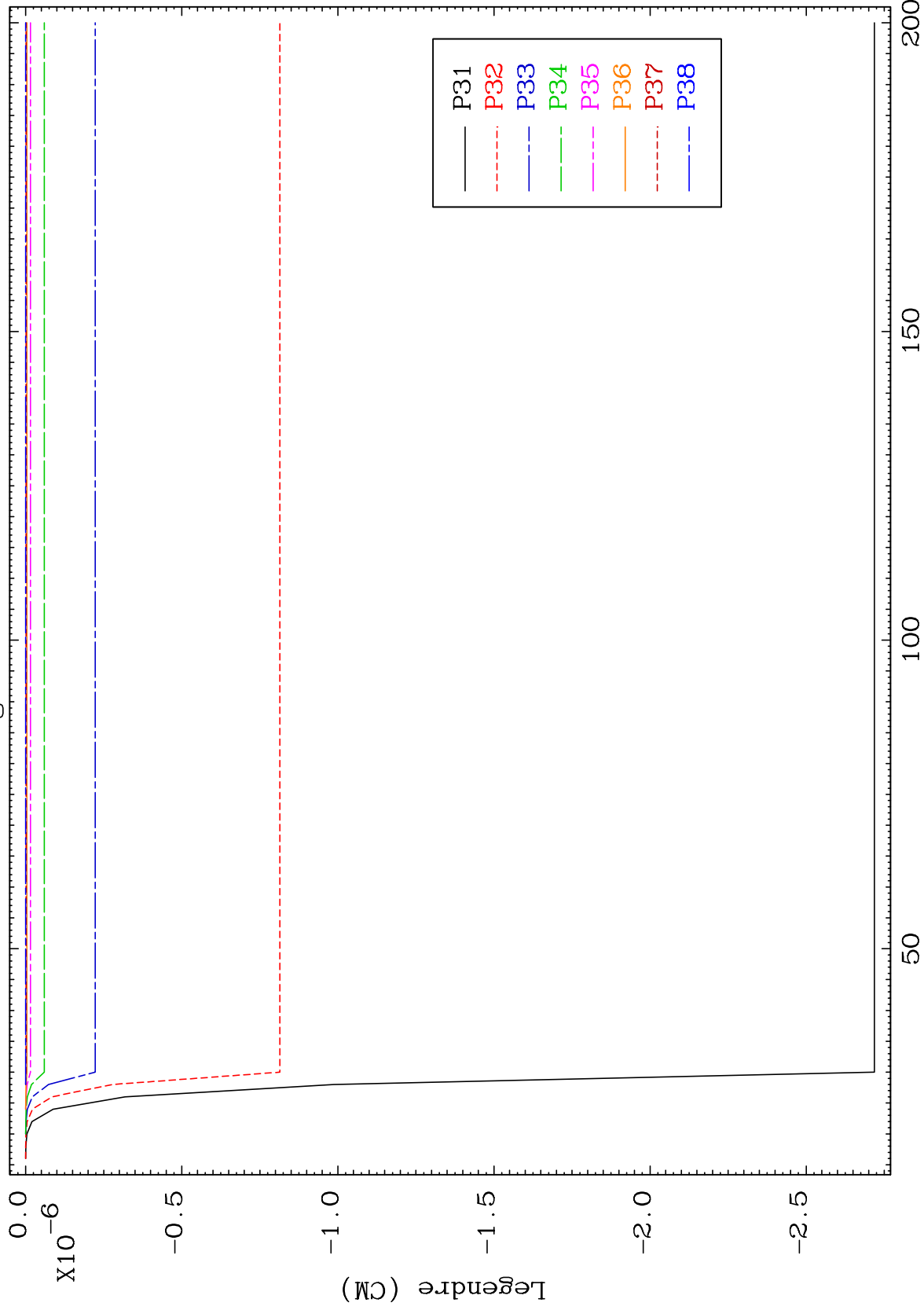
77-Ir-185



MAT 7707

418.7 keV (n,n') Level
Legendre Coefficients

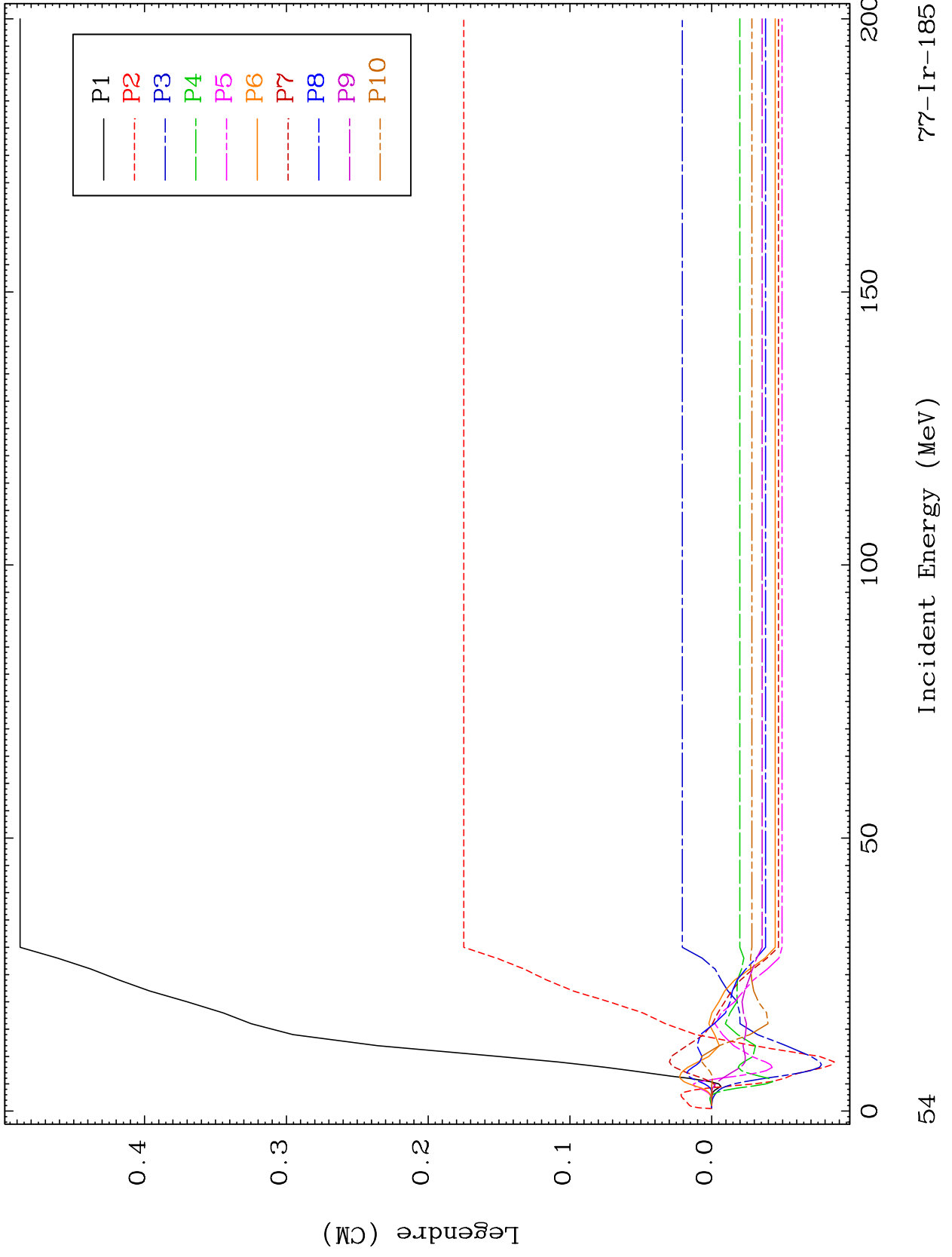
77-Ir-185



53

Incident Energy (MeV)

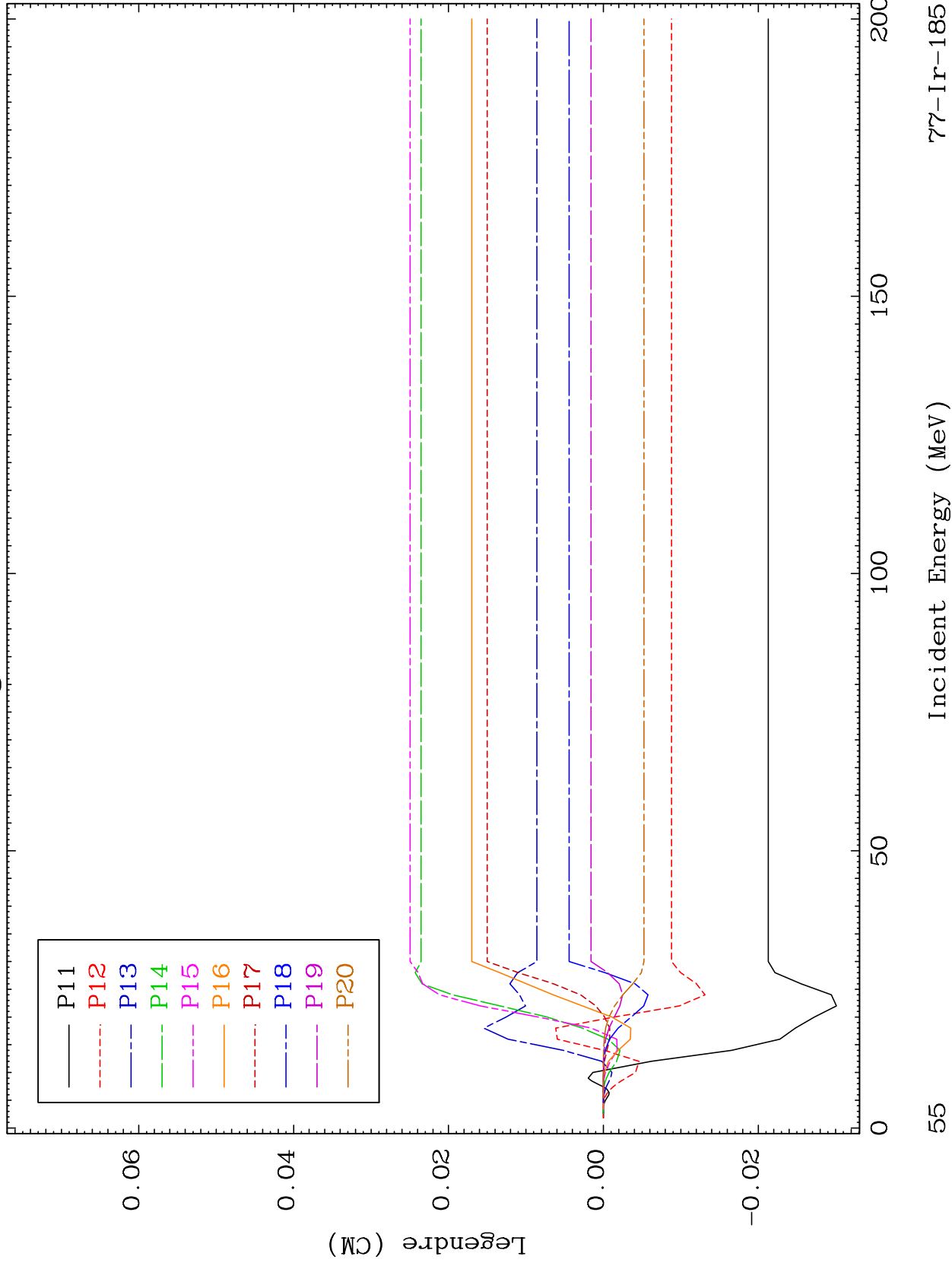
77-Ir-185



MAT 7707

442.3 keV (n,n') Level
Legendre Coefficients

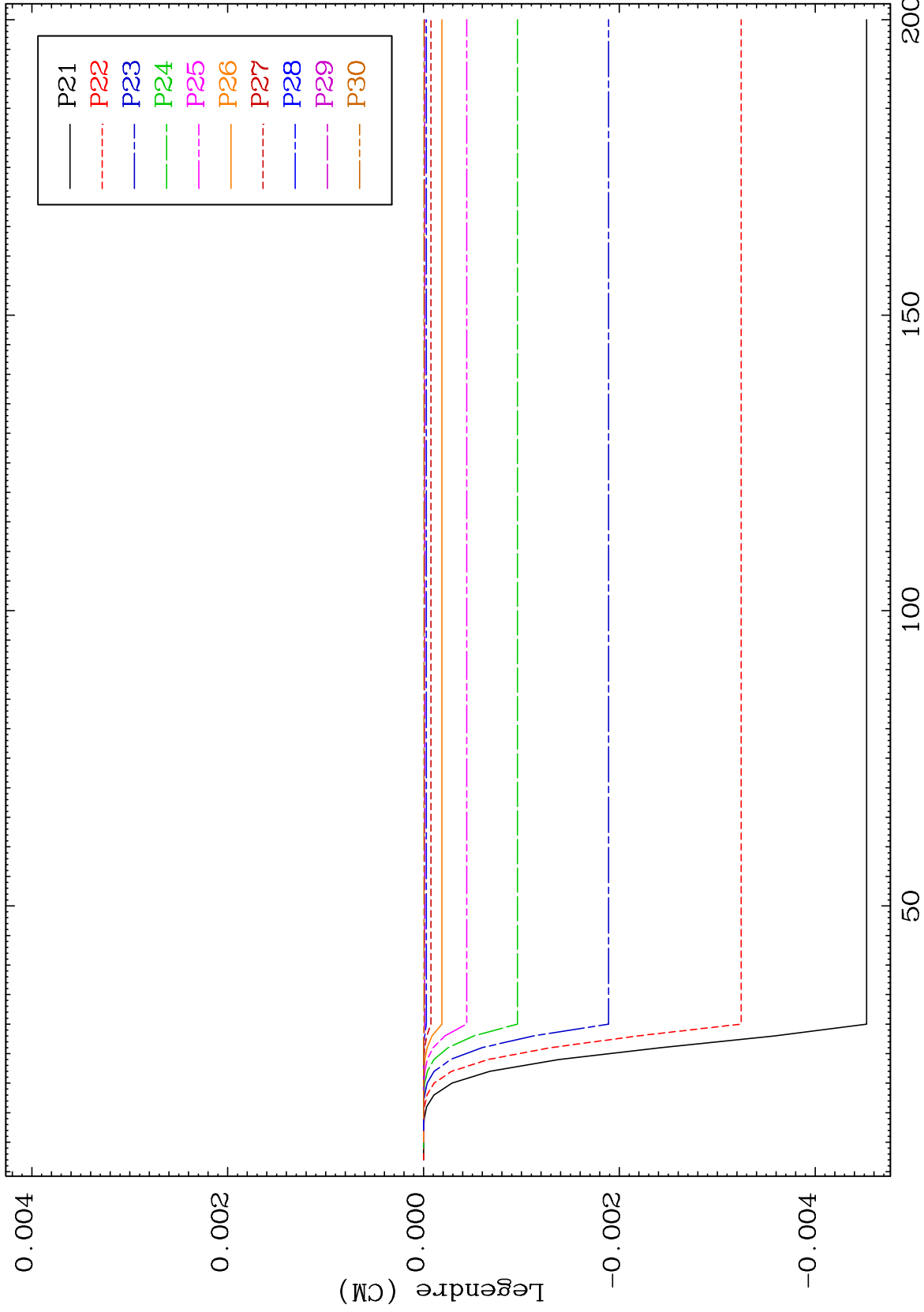
77-Ir-185

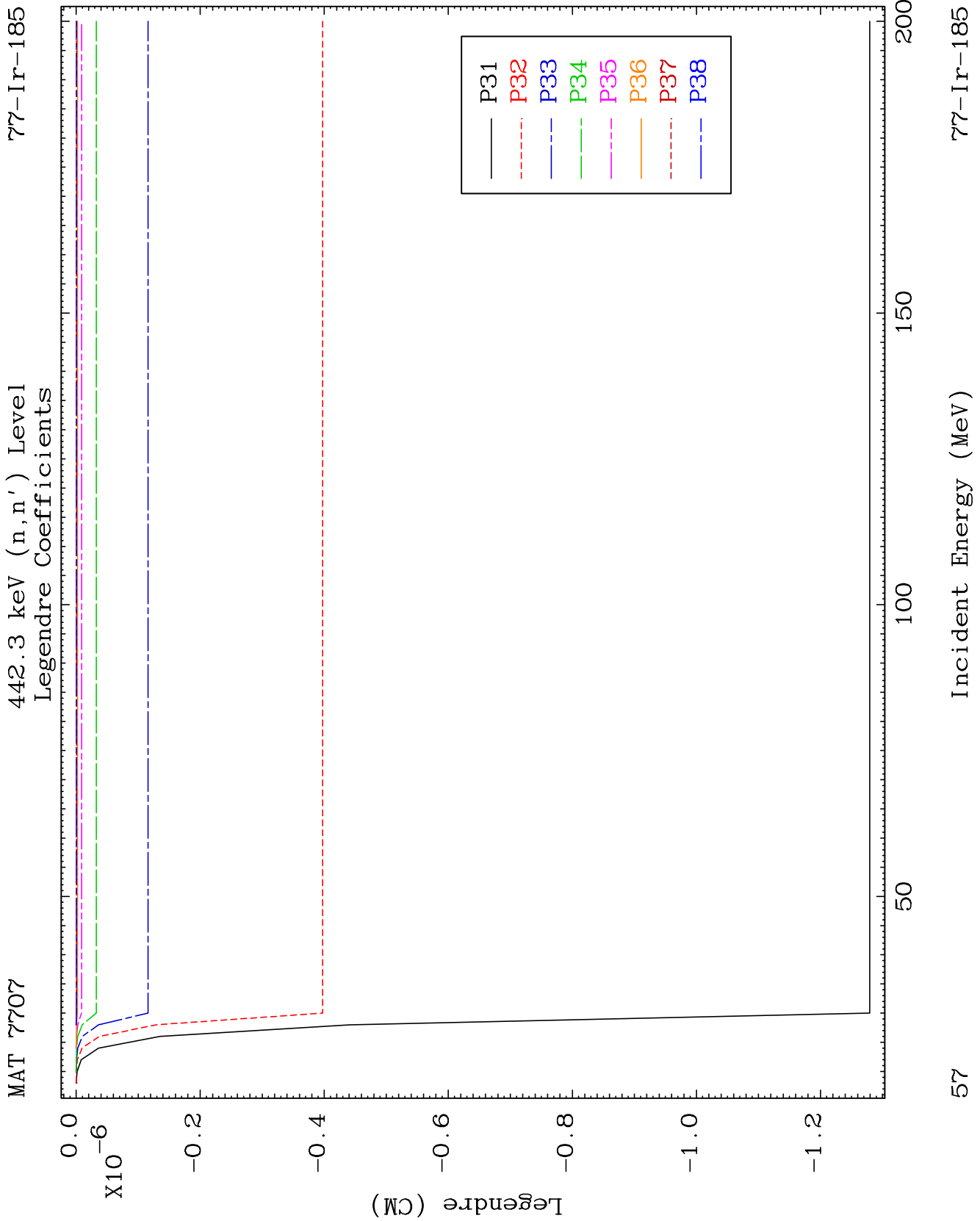


77-Ir-185

Incident Energy (MeV)

55

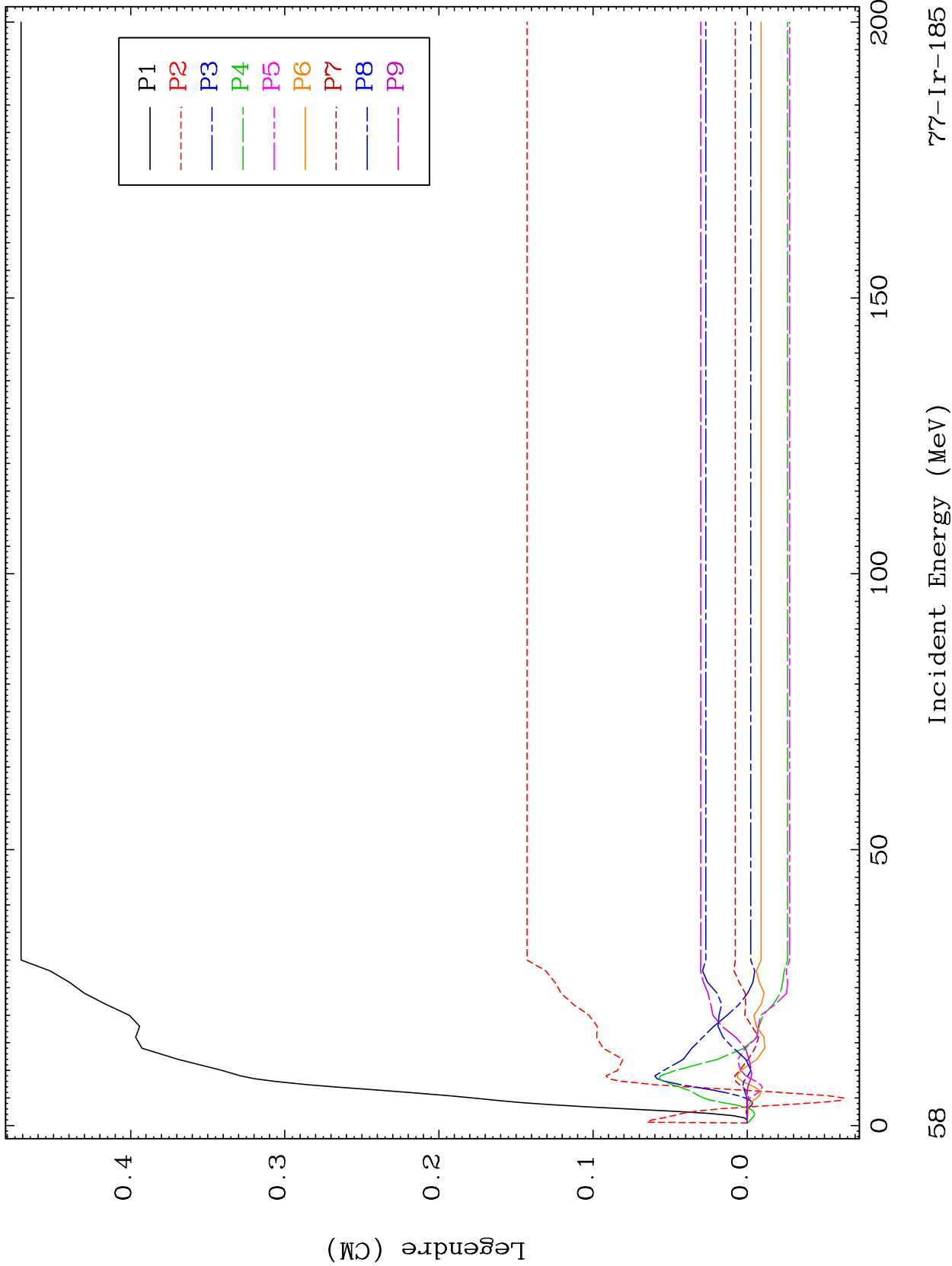




MAT 7707

448.8 keV (n,n') Level
Legendre Coefficients

77-Ir-185



58

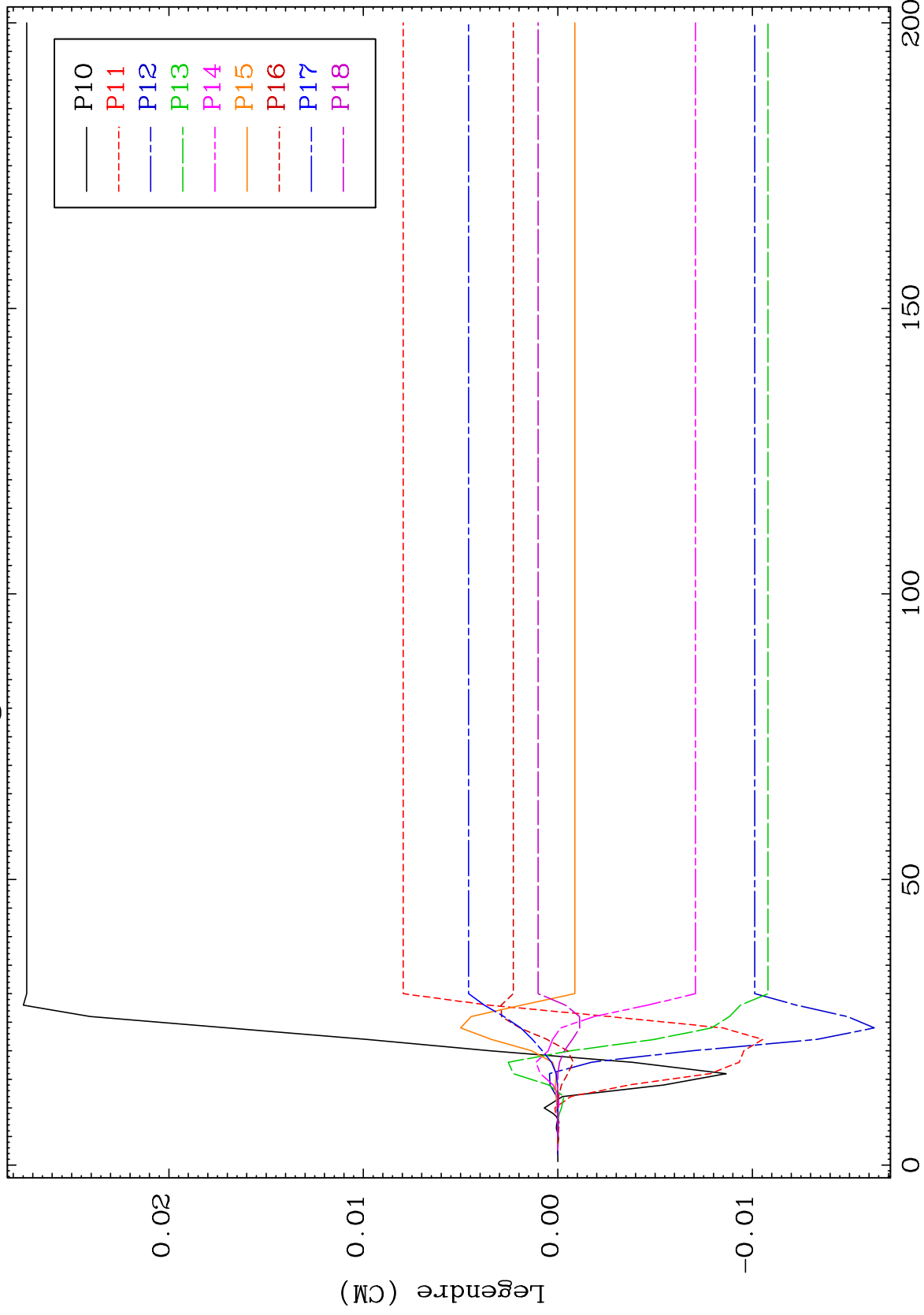
Incident Energy (MeV)

77-Ir-185

MAT 7707

448.8 keV (n,n') Level
Legendre Coefficients

77-Ir-185



59

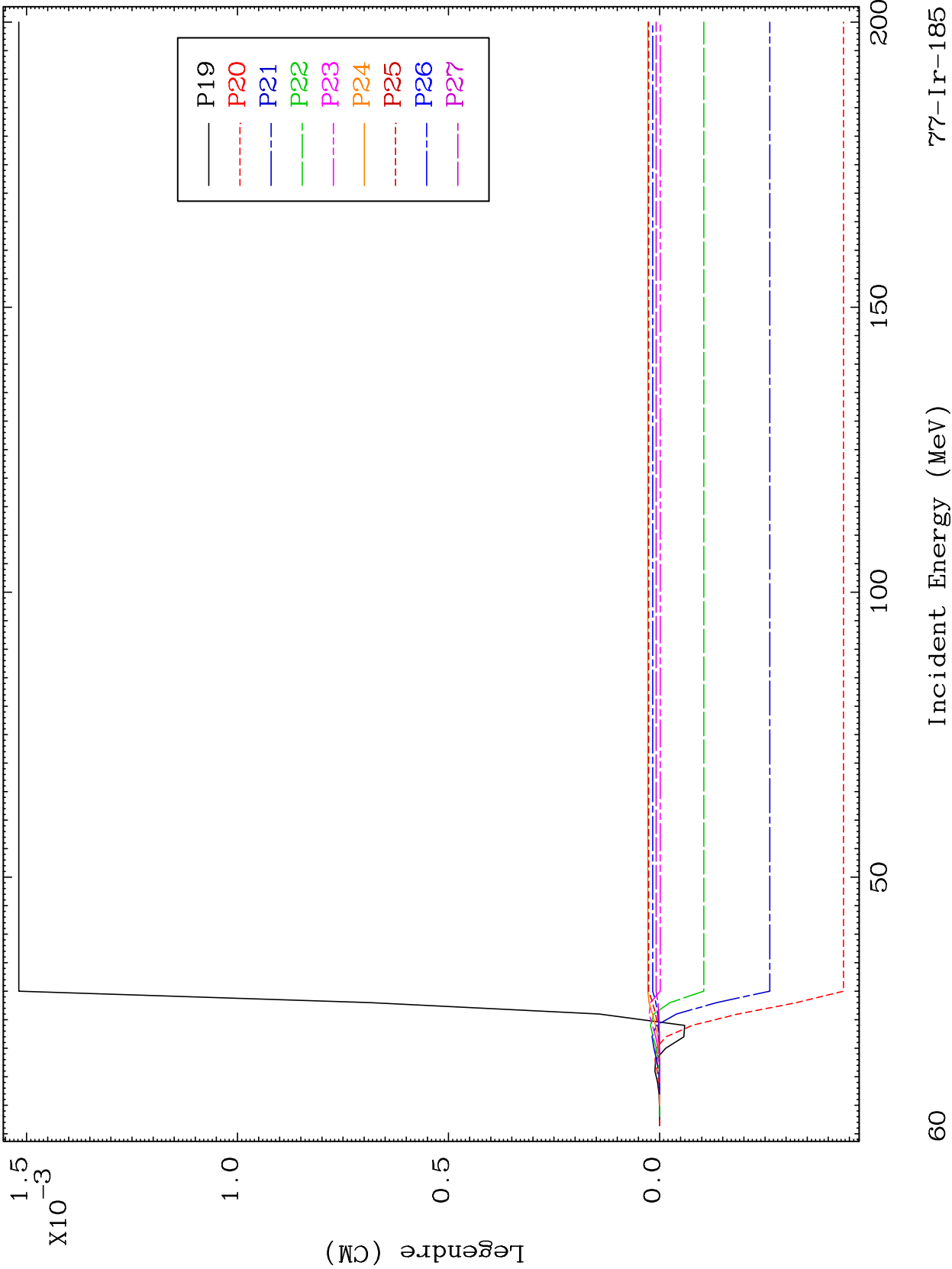
Incident Energy (MeV)

77-Ir-185

MAT 7707

448.8 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

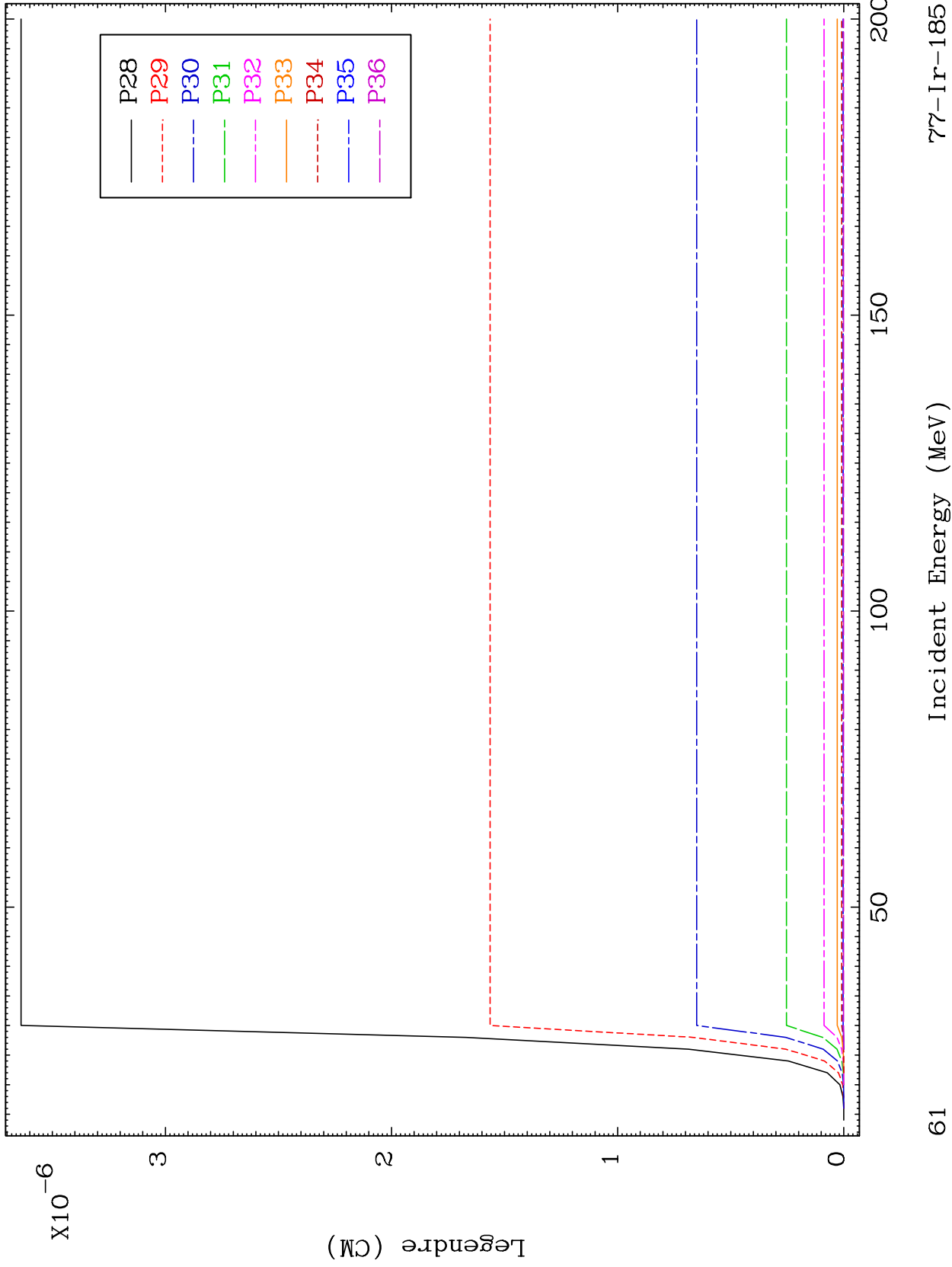
Incident Energy (MeV)

60

MAT 7707

448.8 keV (n,n') Level
Legendre Coefficients

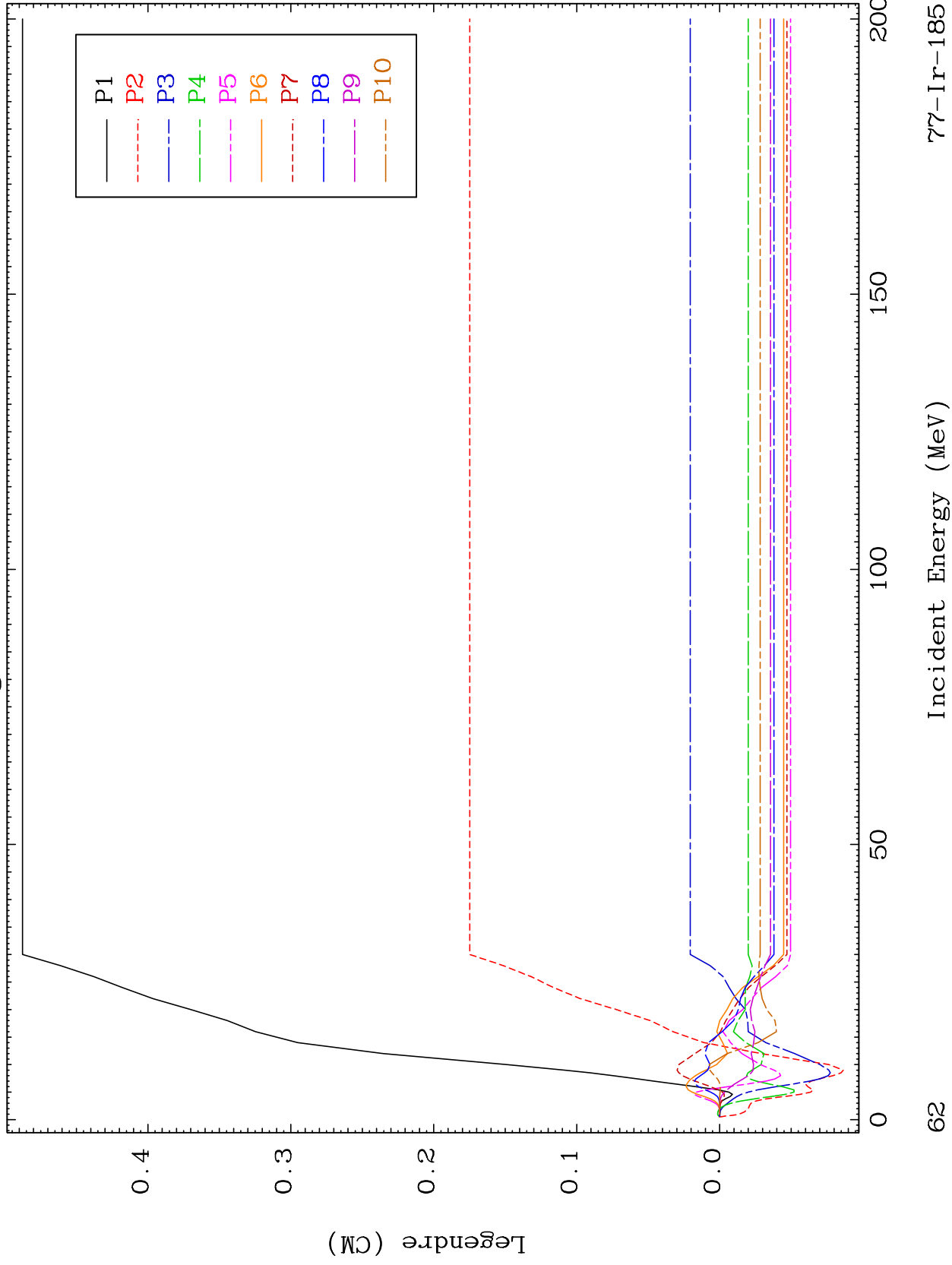
77-Ir-185



MAT 7707

465.7 keV (n,n') Level
Legendre Coefficients

77-Ir-185

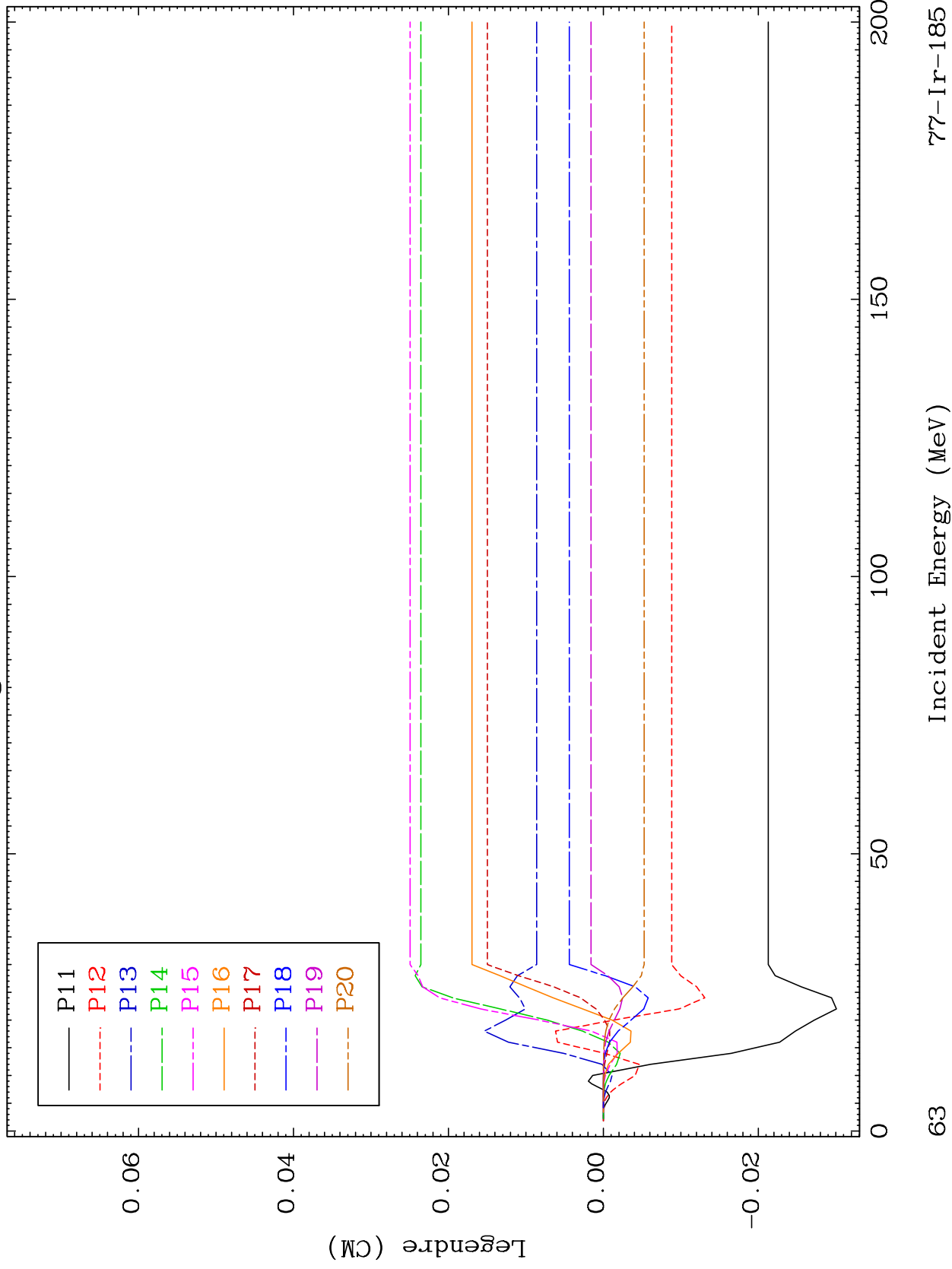


62

MAT 7707

465.7 keV (n,n') Level
Legendre Coefficients

77-Ir-185



63

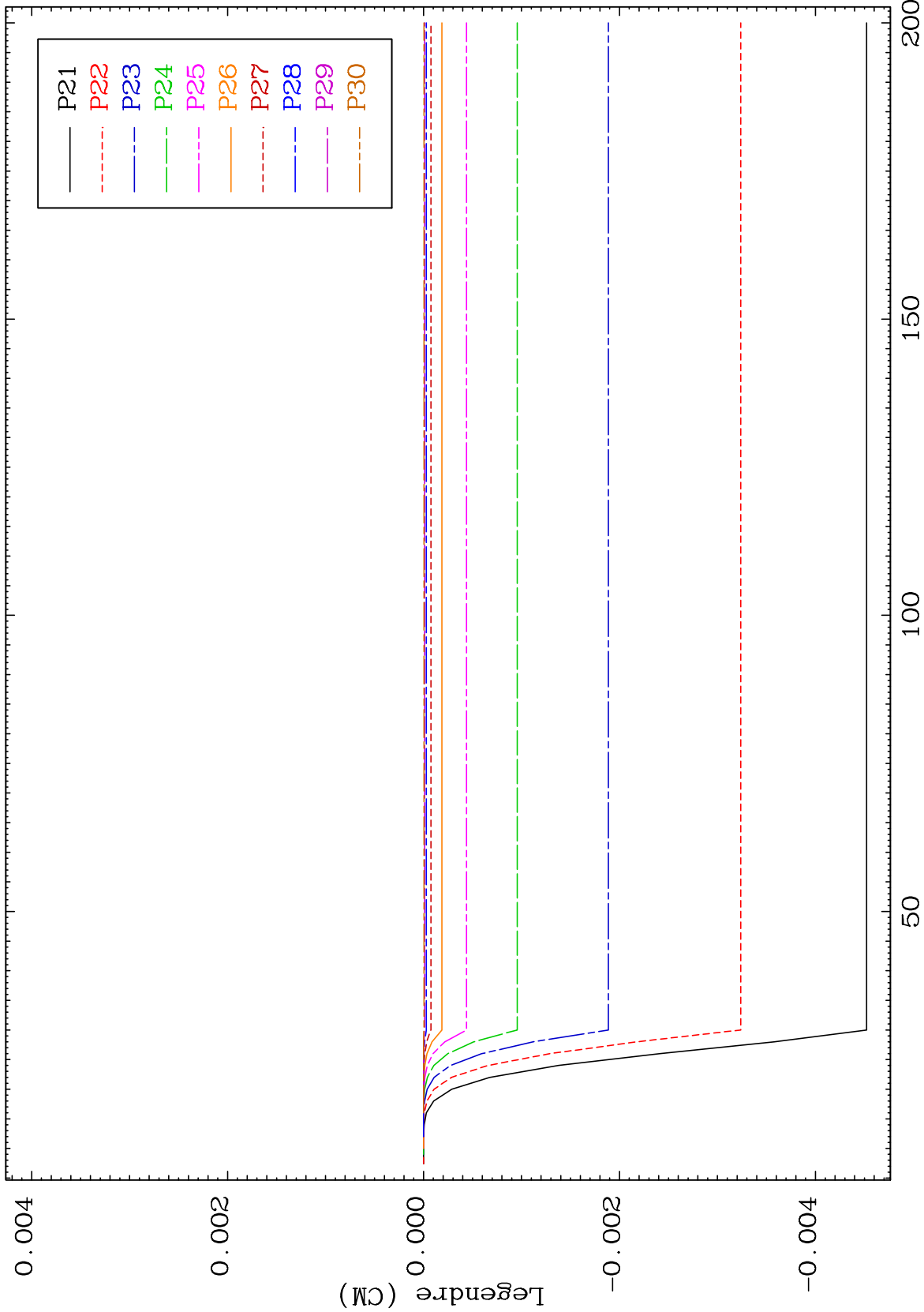
Incident Energy (MeV)

77-Ir-185

MAT 7707

465.7 keV (n,n') Level
Legendre Coefficients

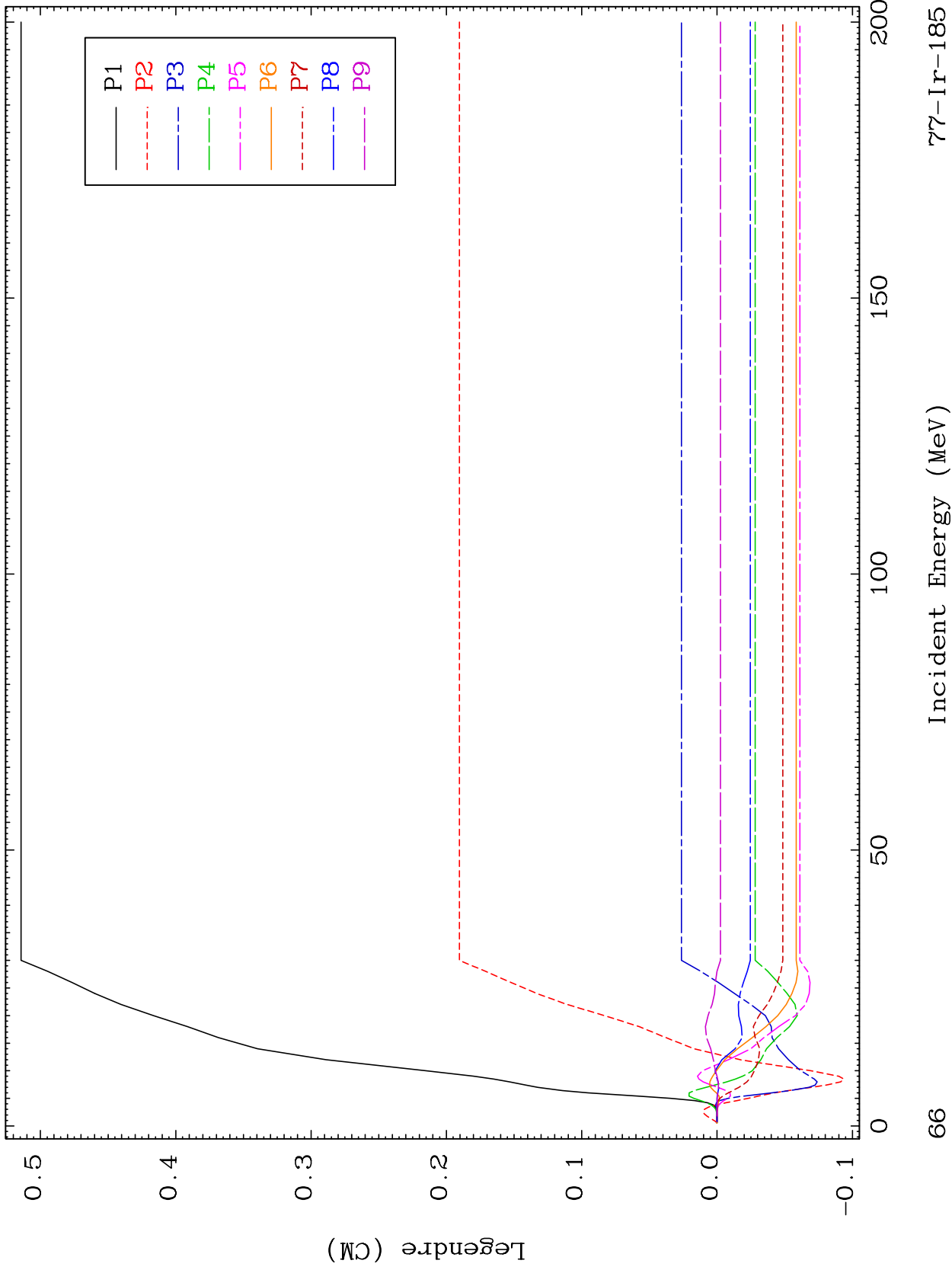
77-Ir-185



64

Incident Energy (MeV)

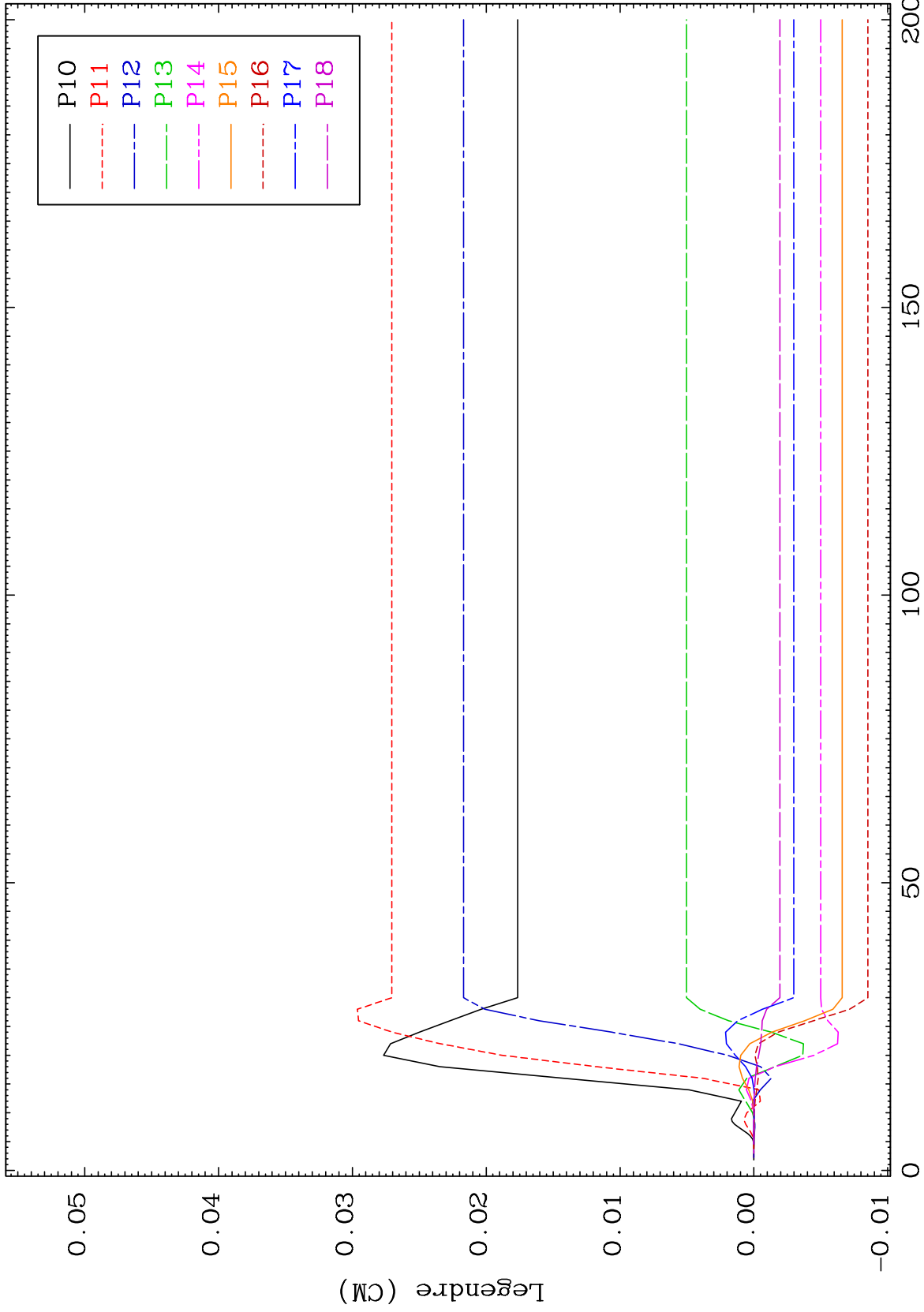
77-Ir-185



MAT 7707

496.9 keV (n,n') Level
Legendre Coefficients

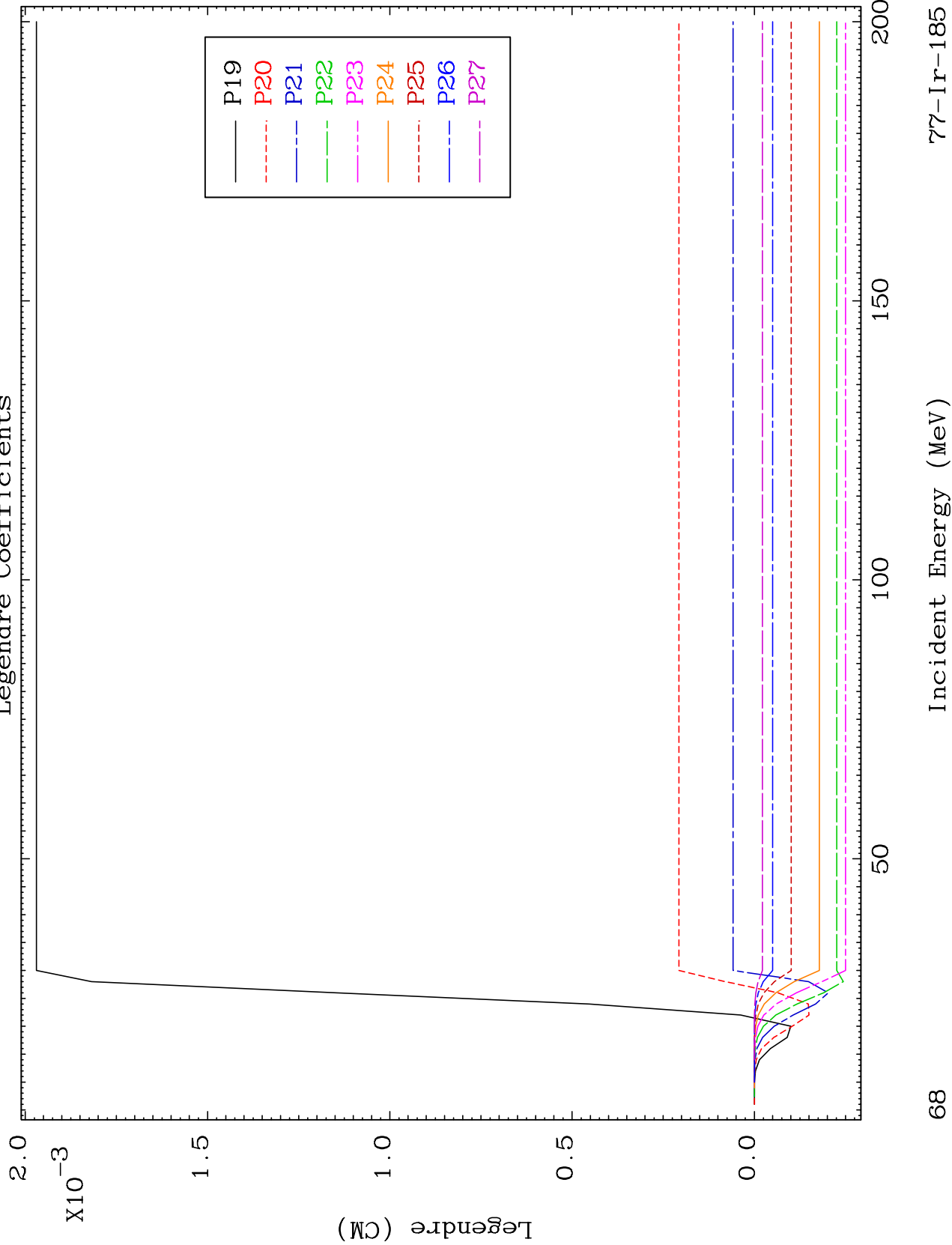
77-Ir-185

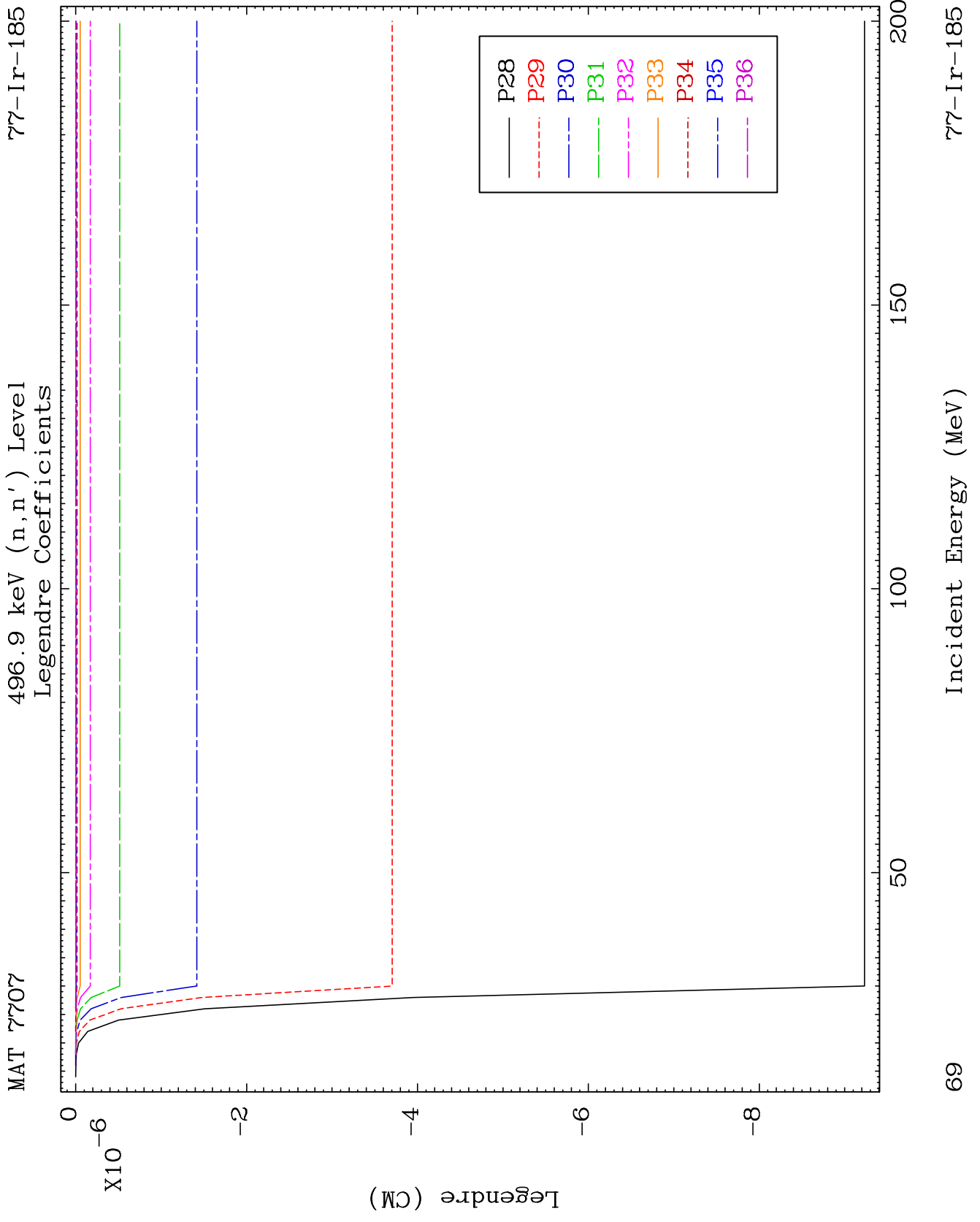


67

Incident Energy (MeV)

77-Ir-185

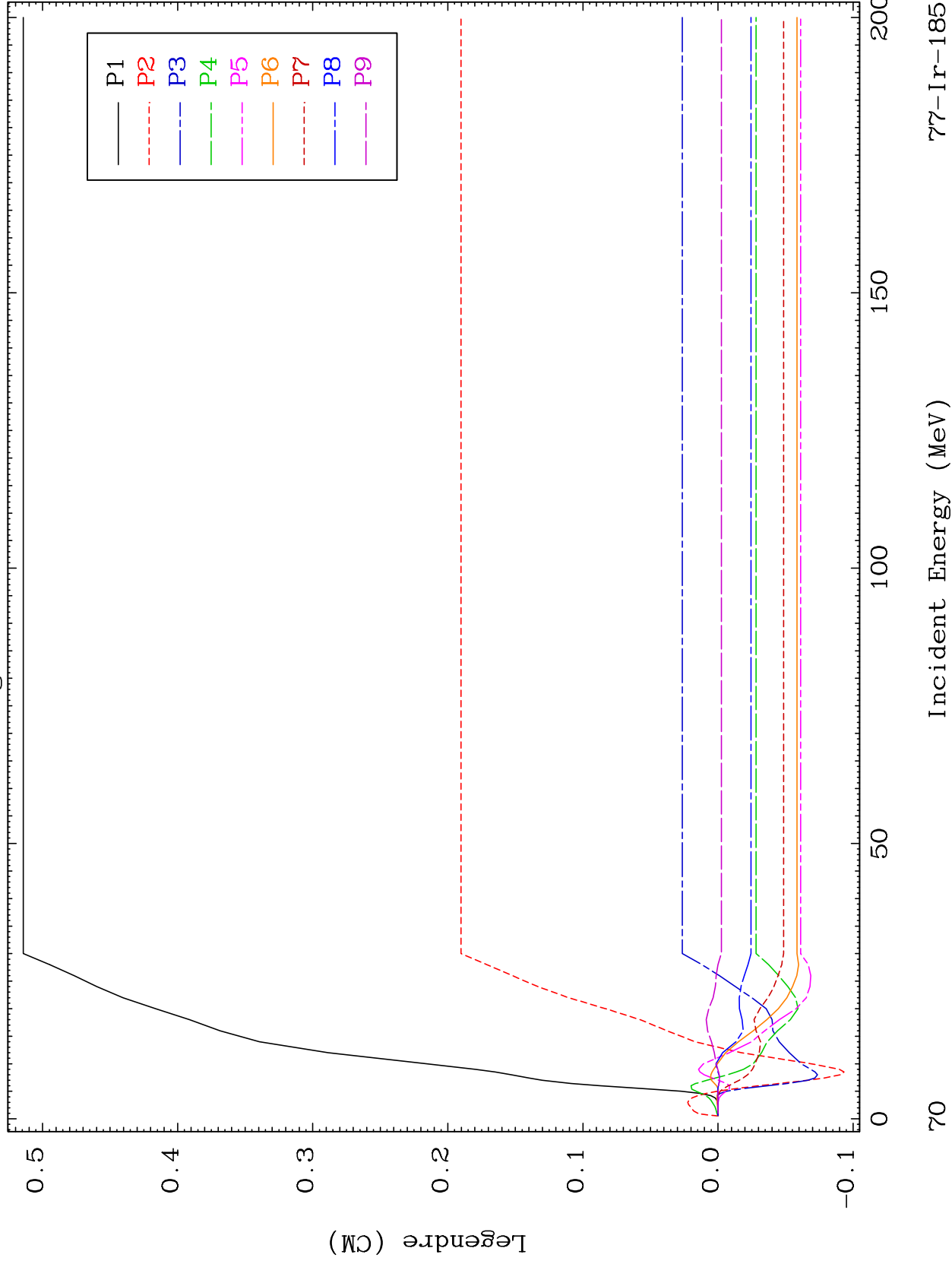




MAT 7707

506.8 keV (n,n') Level
Legendre Coefficients

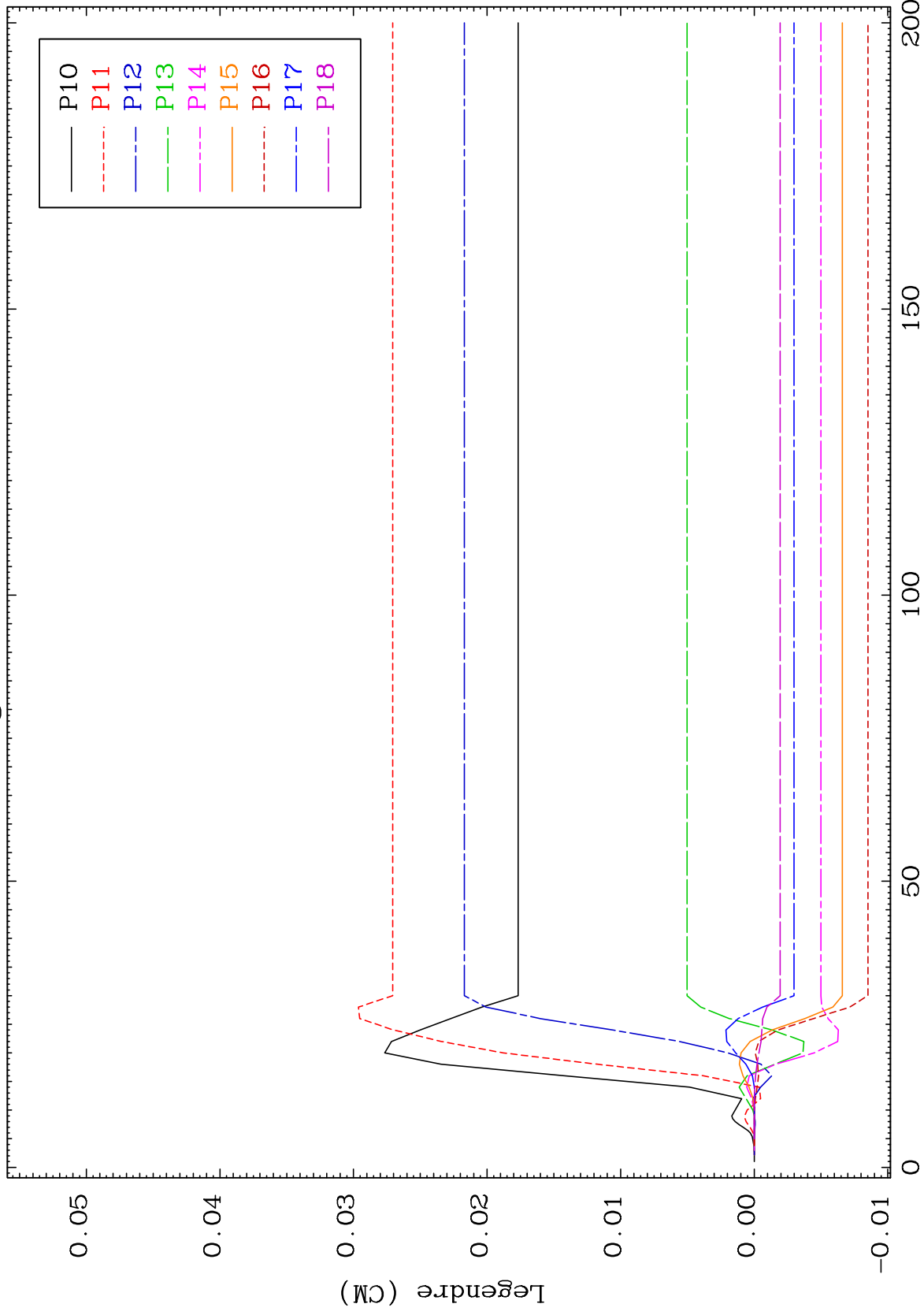
77-Ir-185



MAT 7707

506.8 keV (n,n') Level
Legendre Coefficients

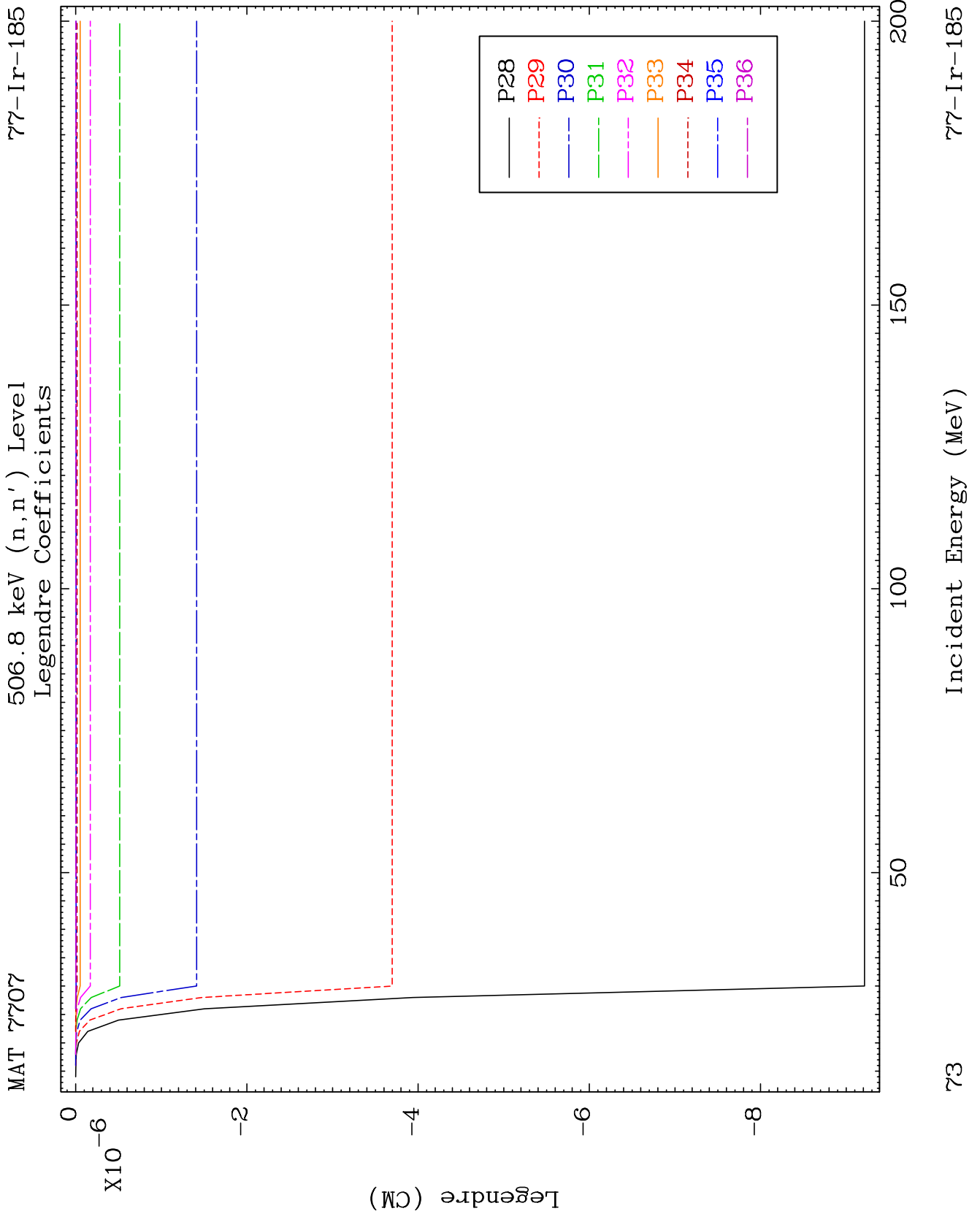
77-Ir-185



71

Incident Energy (MeV)

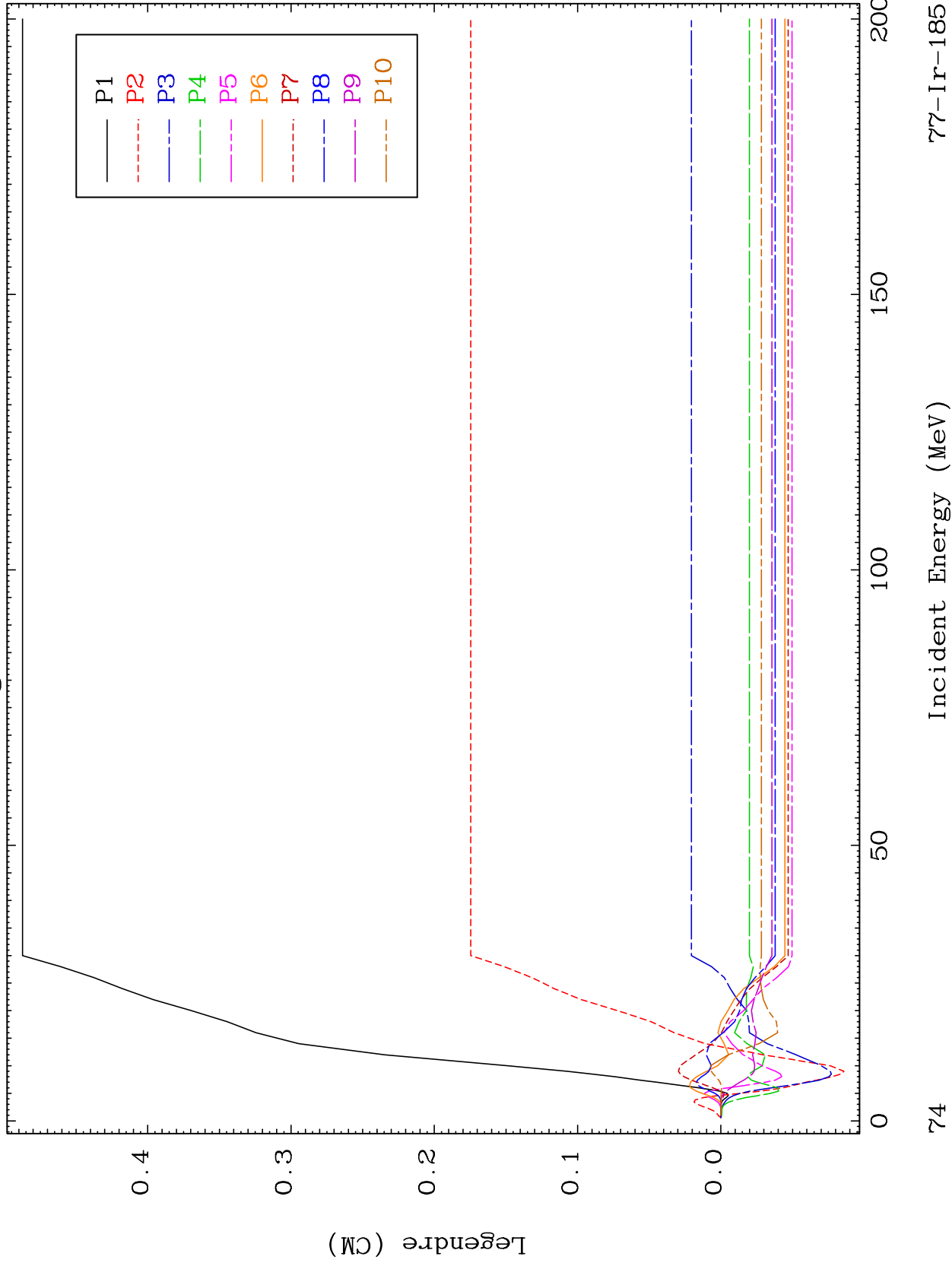
77-Ir-185



MAT 7707

519.7 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

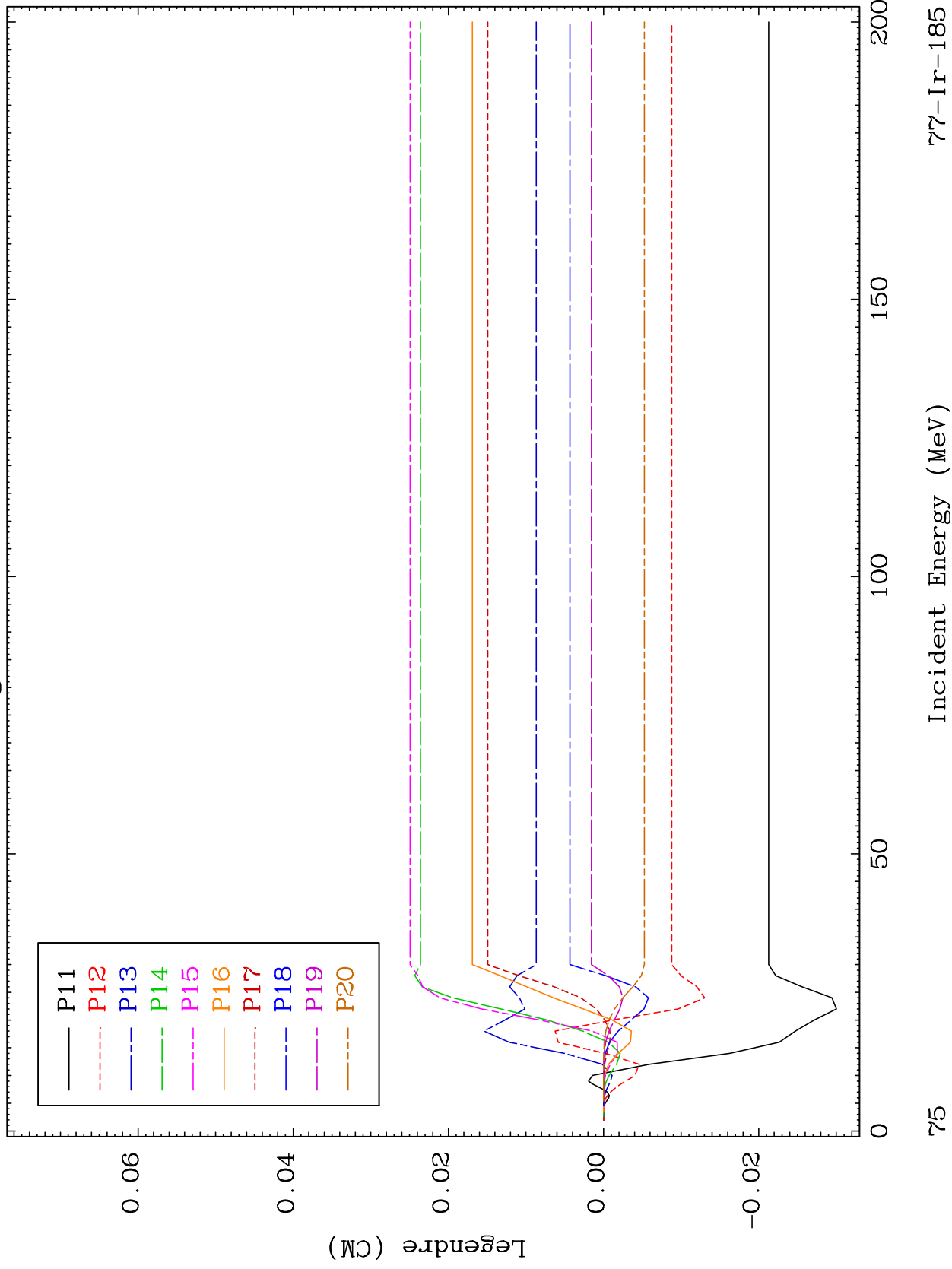
Incident Energy (MeV)

74

MAT 7707

519.7 keV (n,n') Level
Legendre Coefficients

77-Ir-185



75

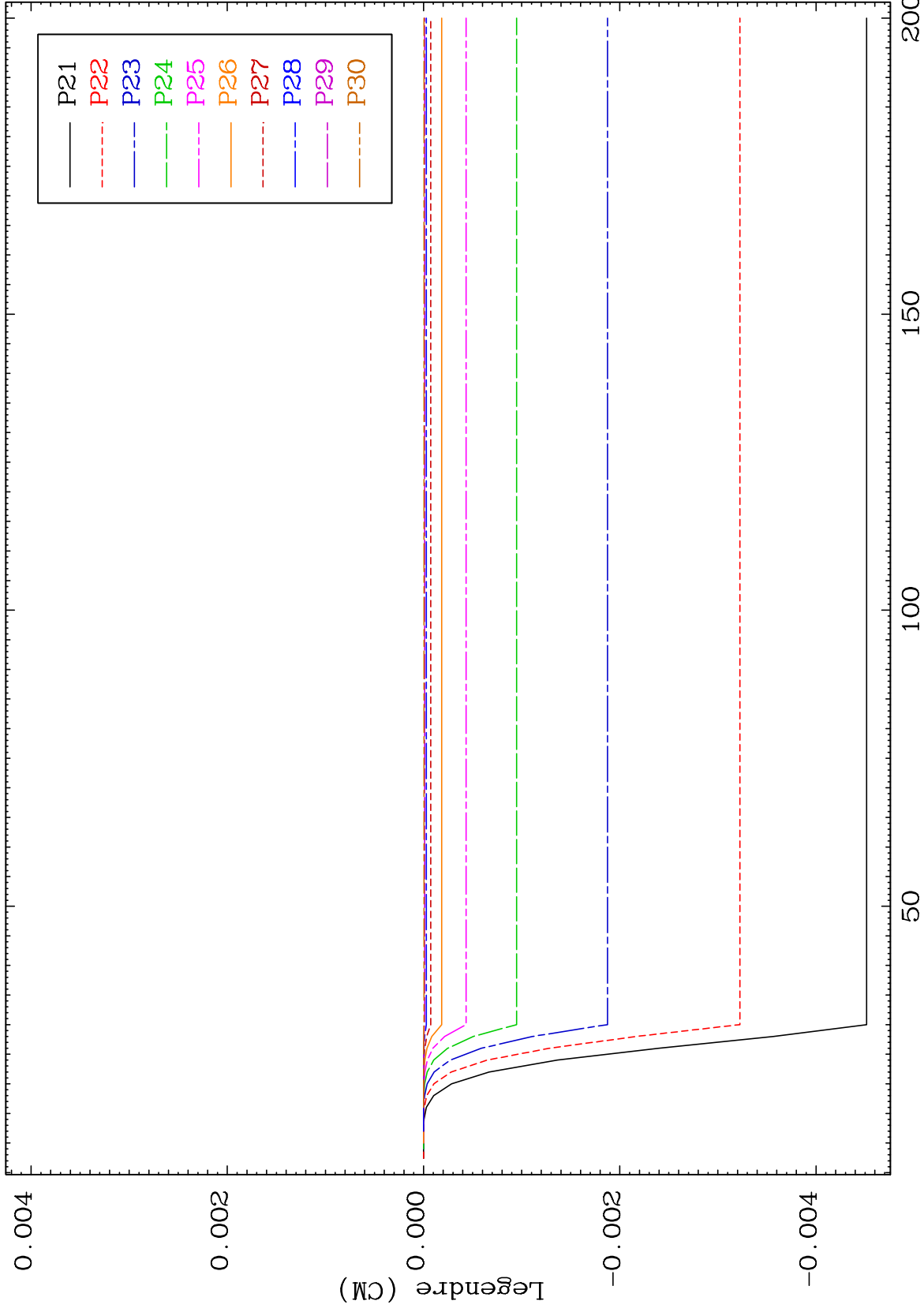
Incident Energy (MeV)

77-Ir-185

MAT 7707

519.7 keV (n,n') Level
Legendre Coefficients

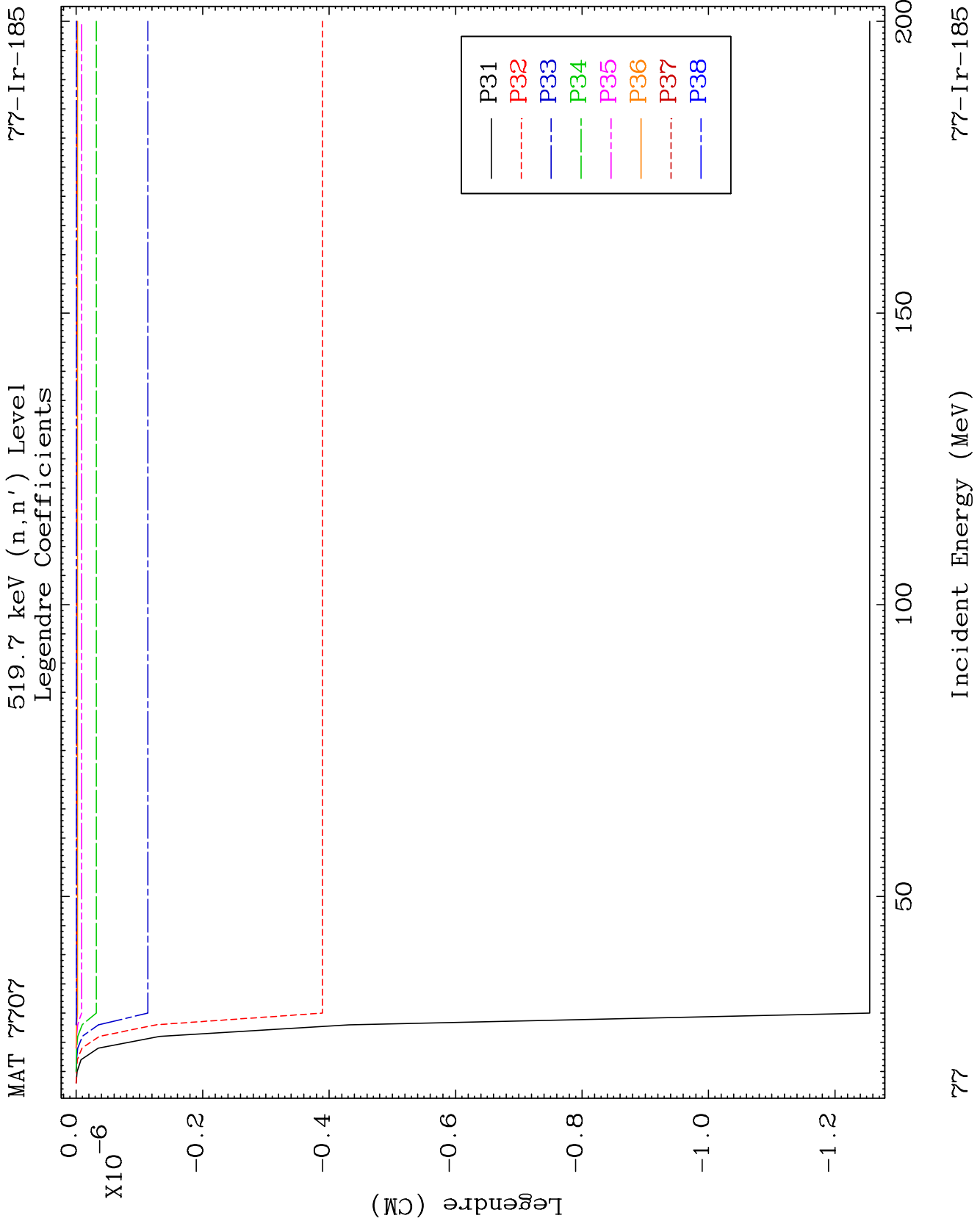
77-Ir-185



76

Incident Energy (MeV)

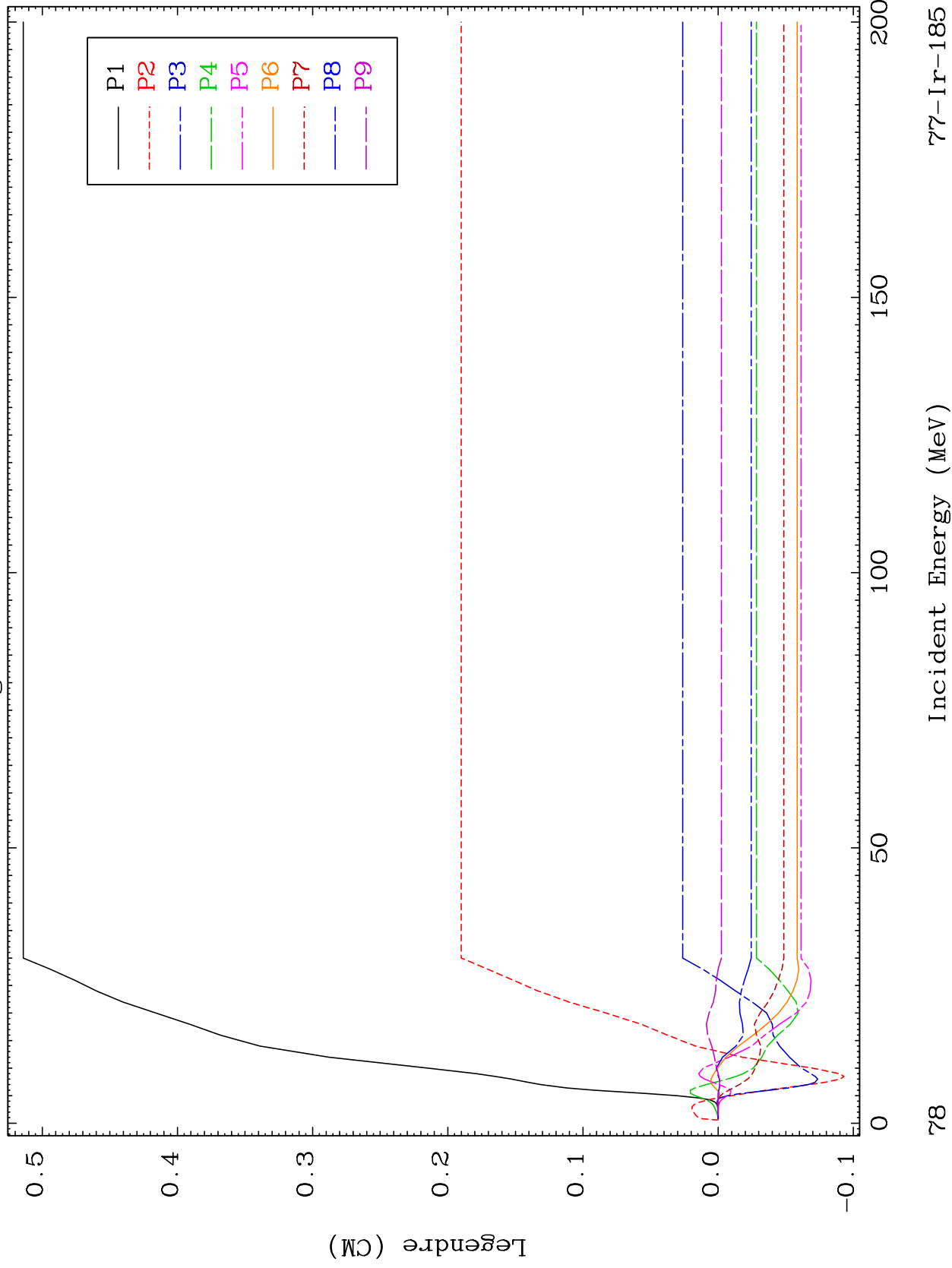
77-Ir-185



MAT 7707

556.0 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

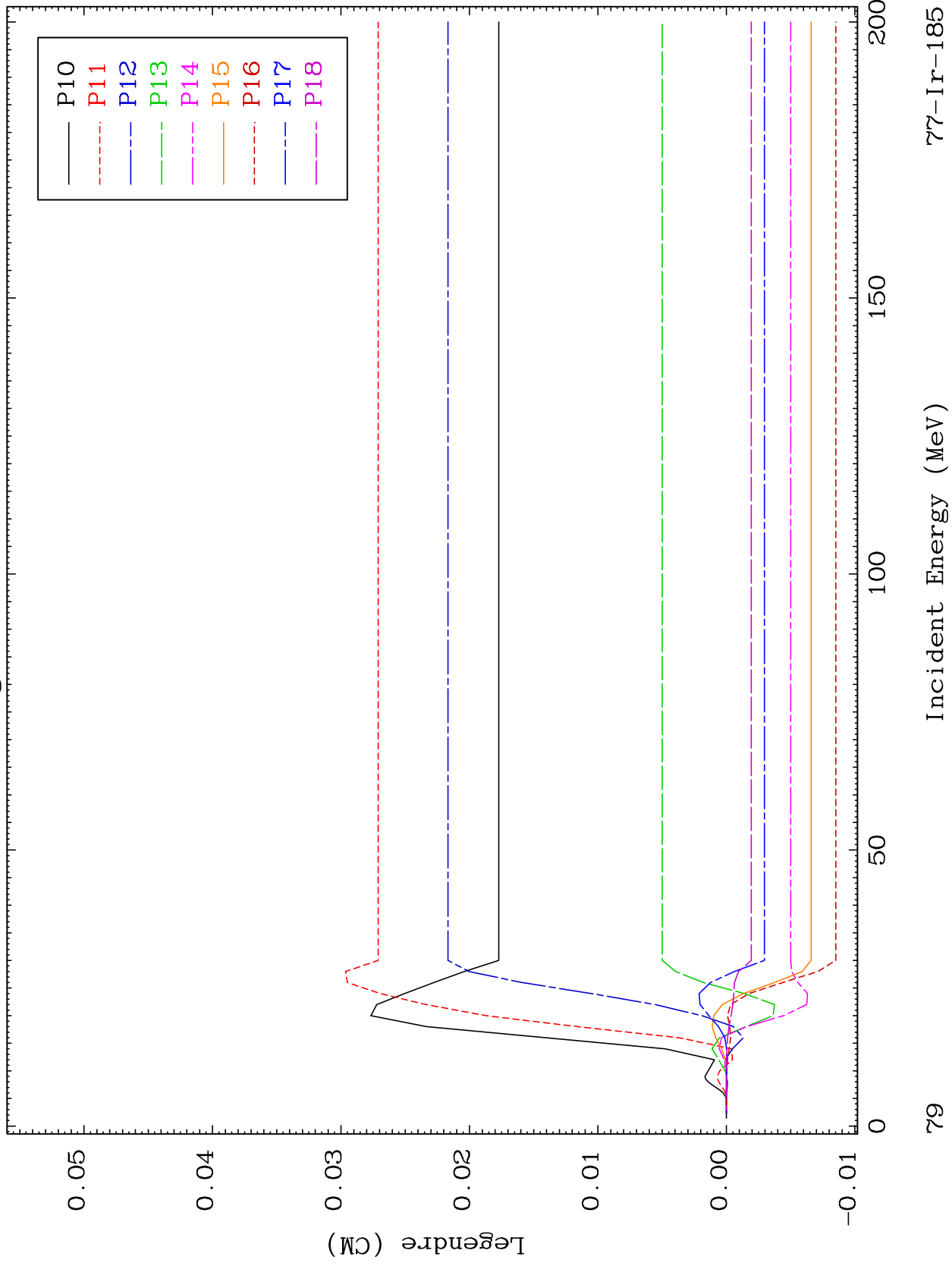
Incident Energy (MeV)

78

MAT 7707

556.0 keV (n,n') Level
Legendre Coefficients

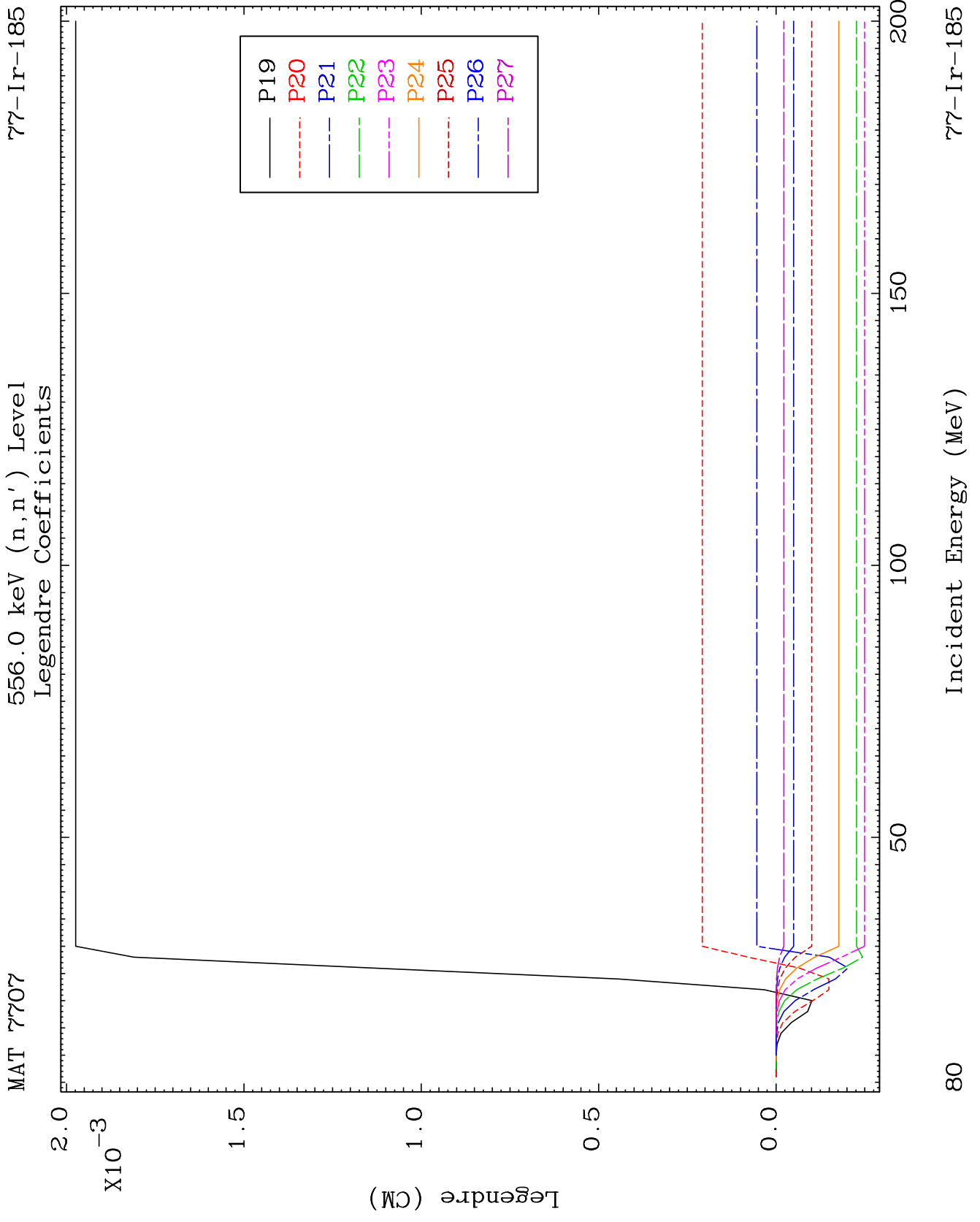
77-Ir-185

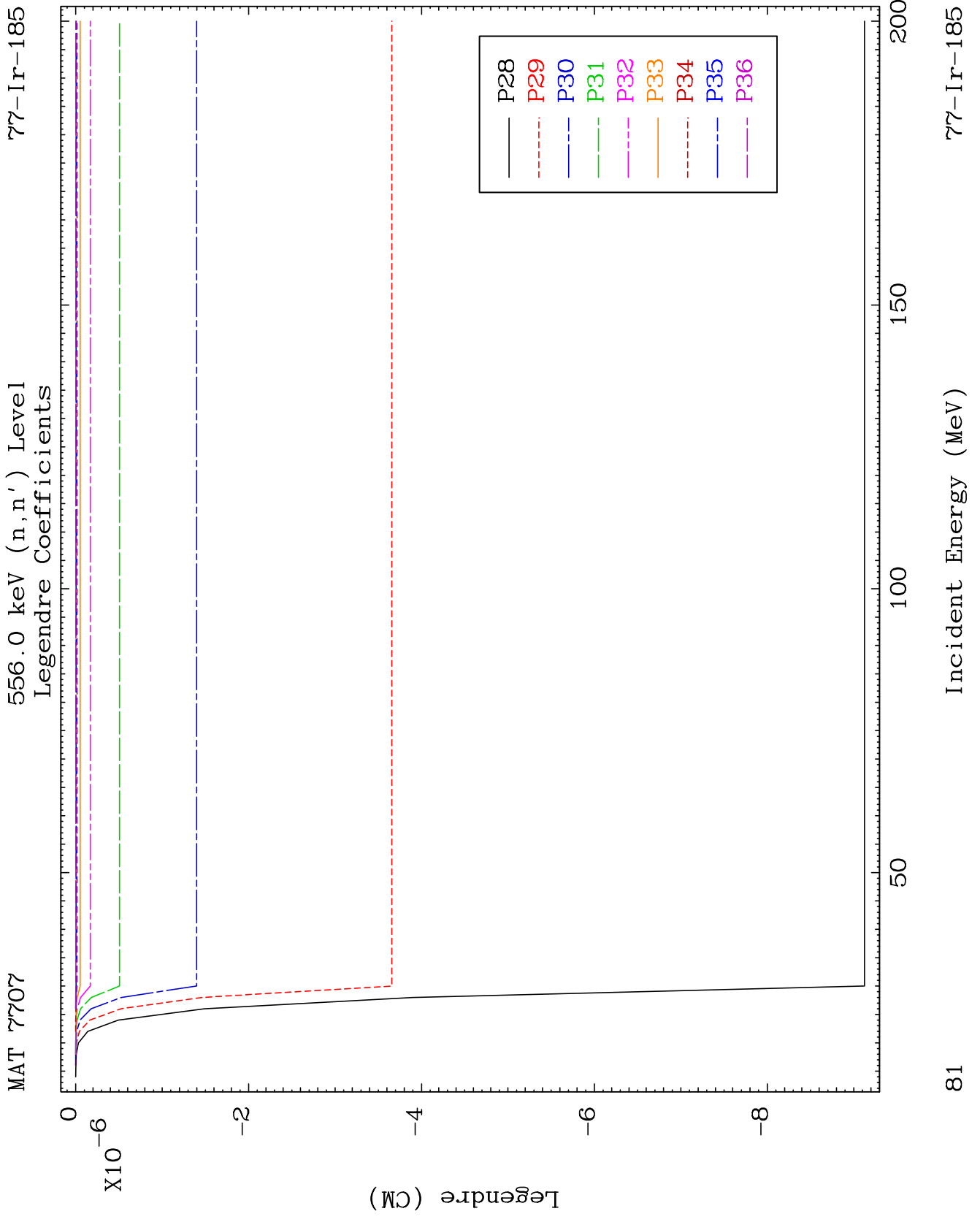


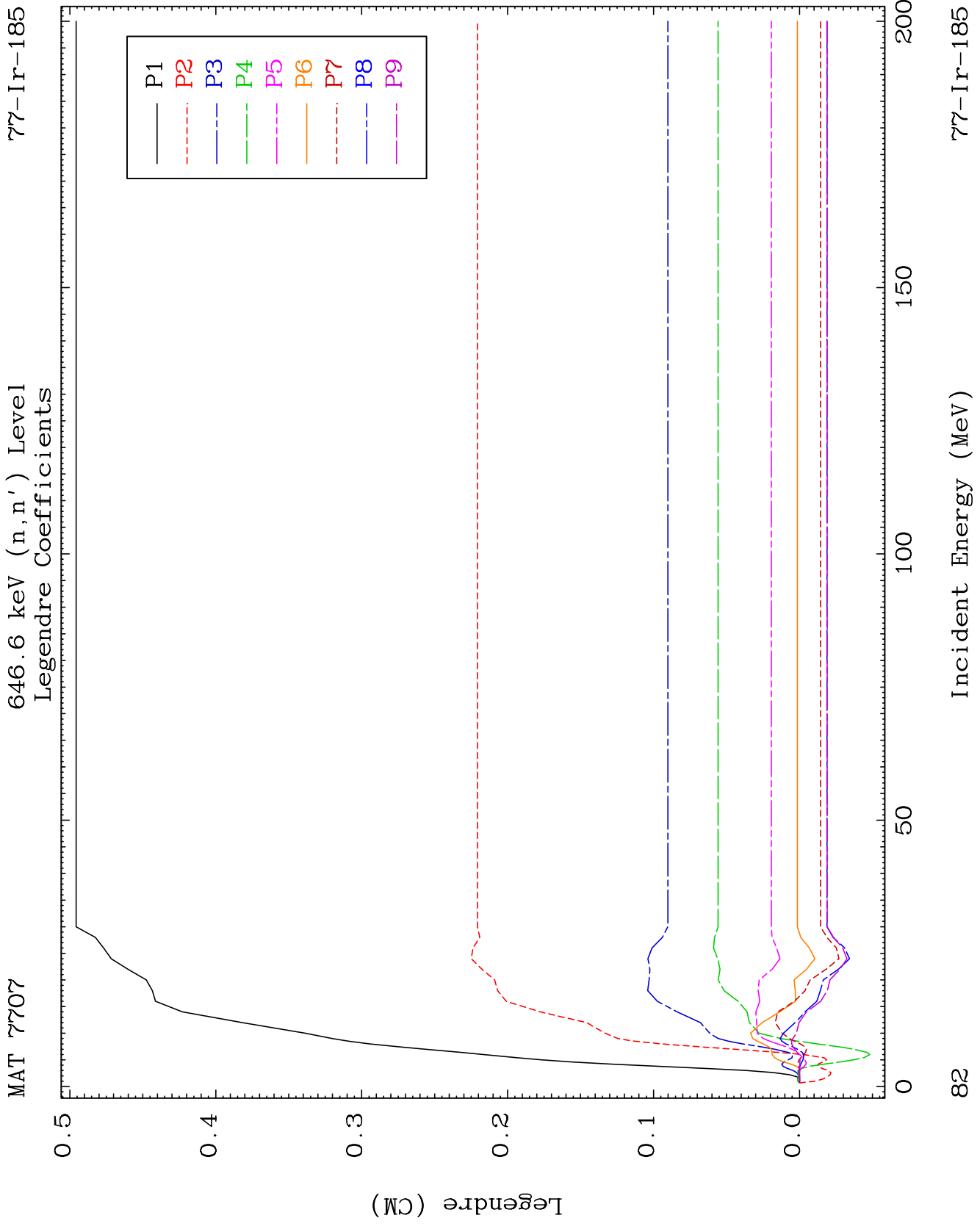
79

Incident Energy (MeV)

77-Ir-185



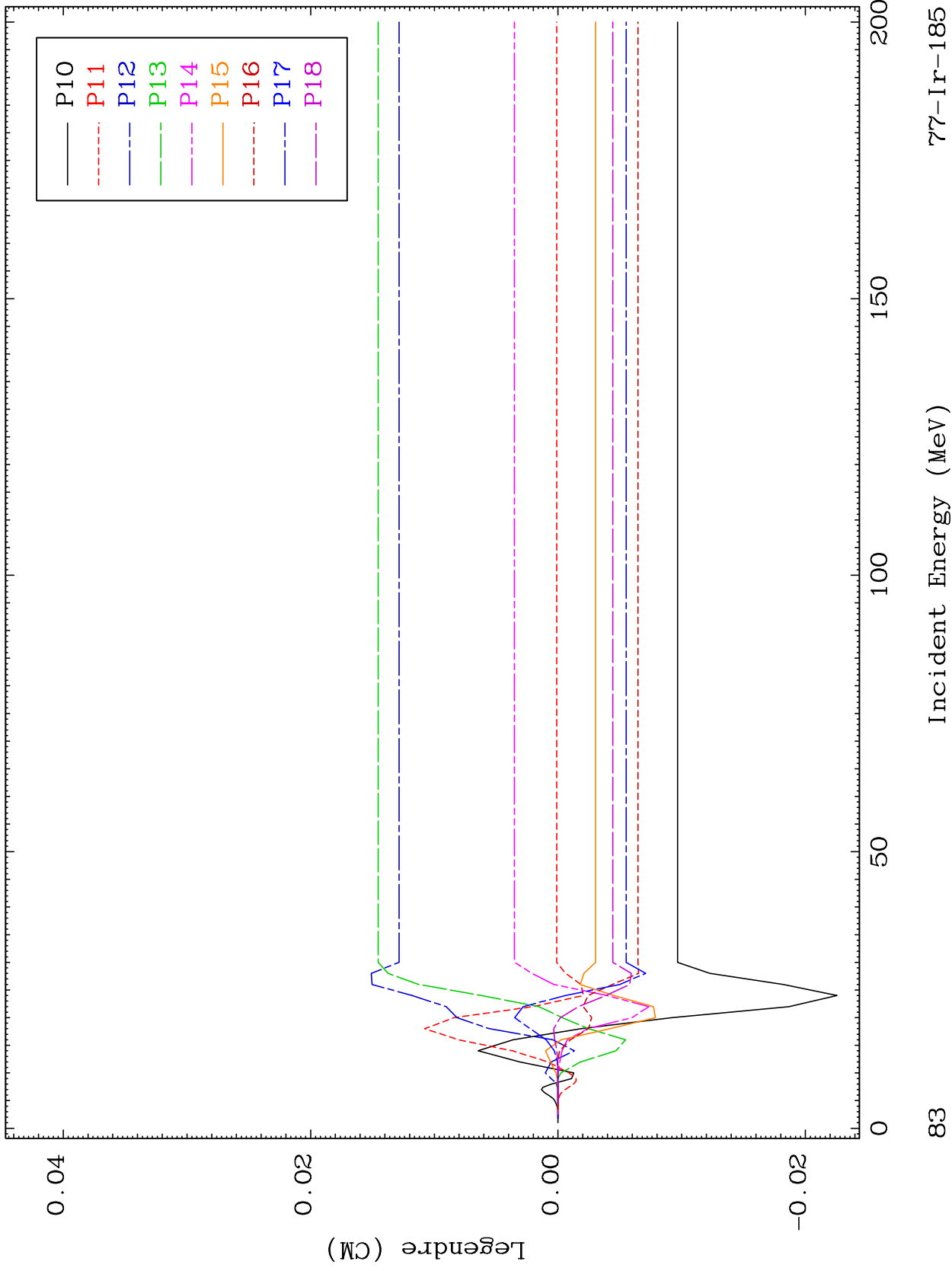




MAT 7707

646.6 keV (n,n') Level
Legendre Coefficients

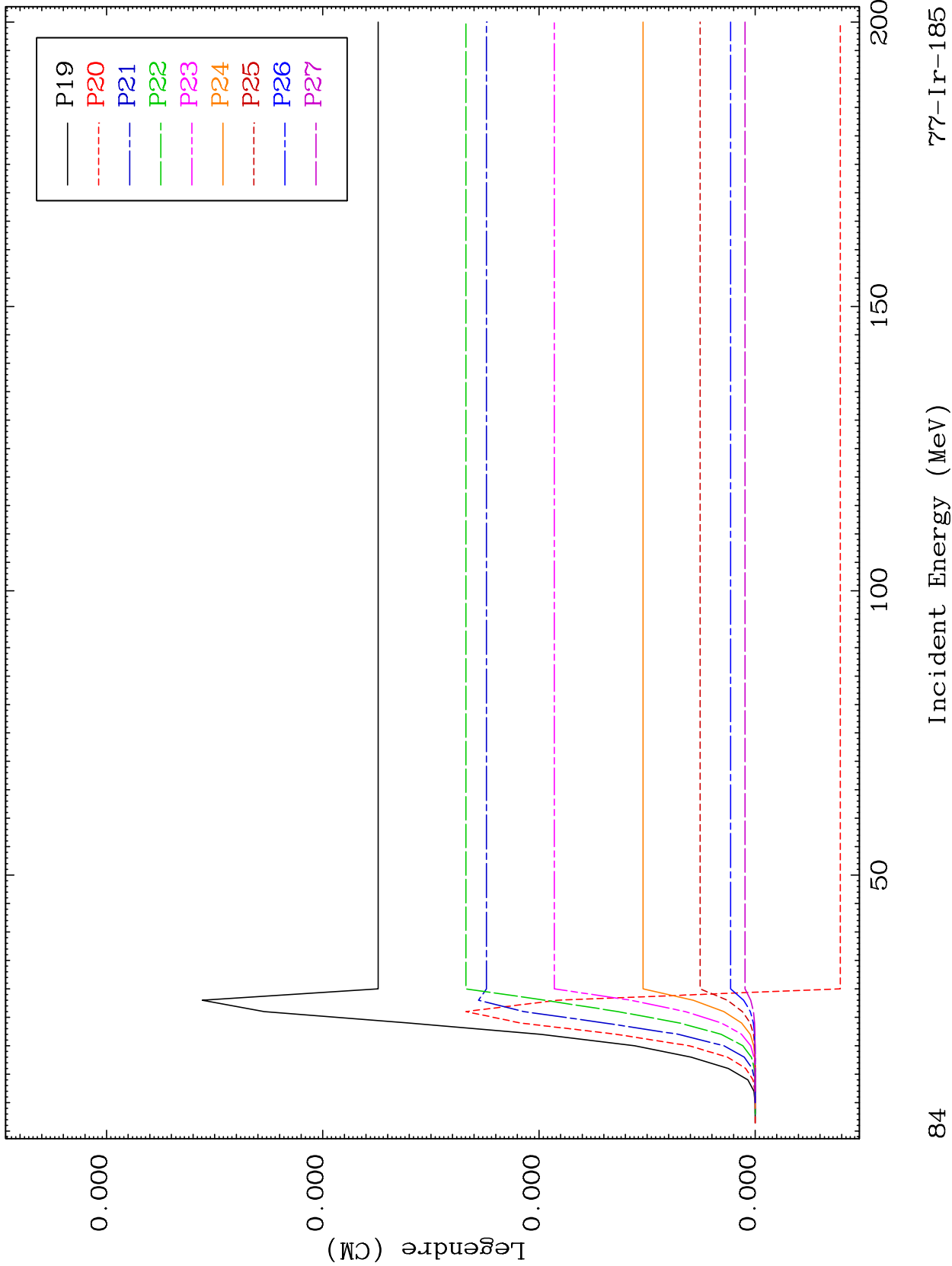
77-Ir-185



83

Incident Energy (MeV)

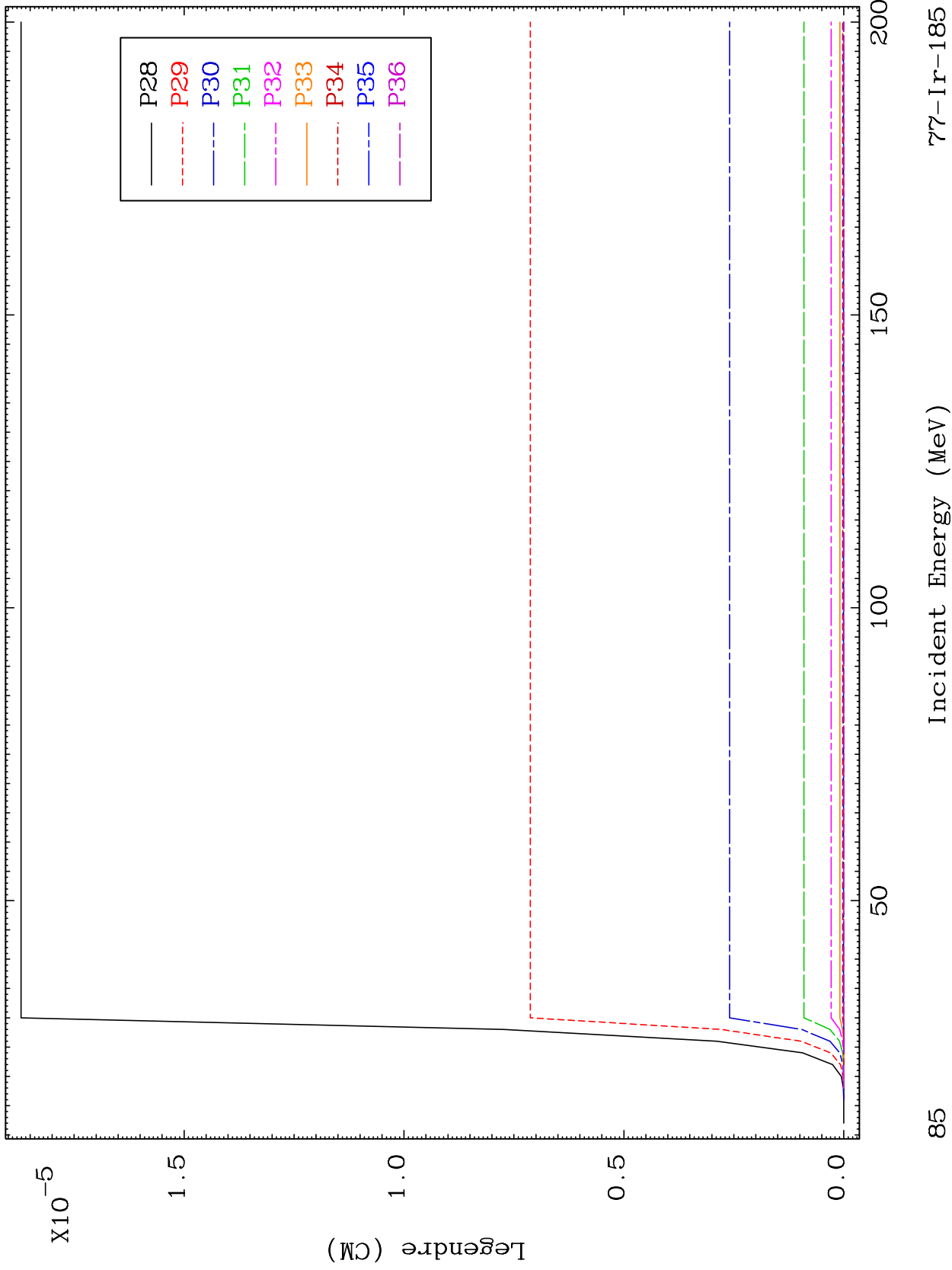
77-Ir-185



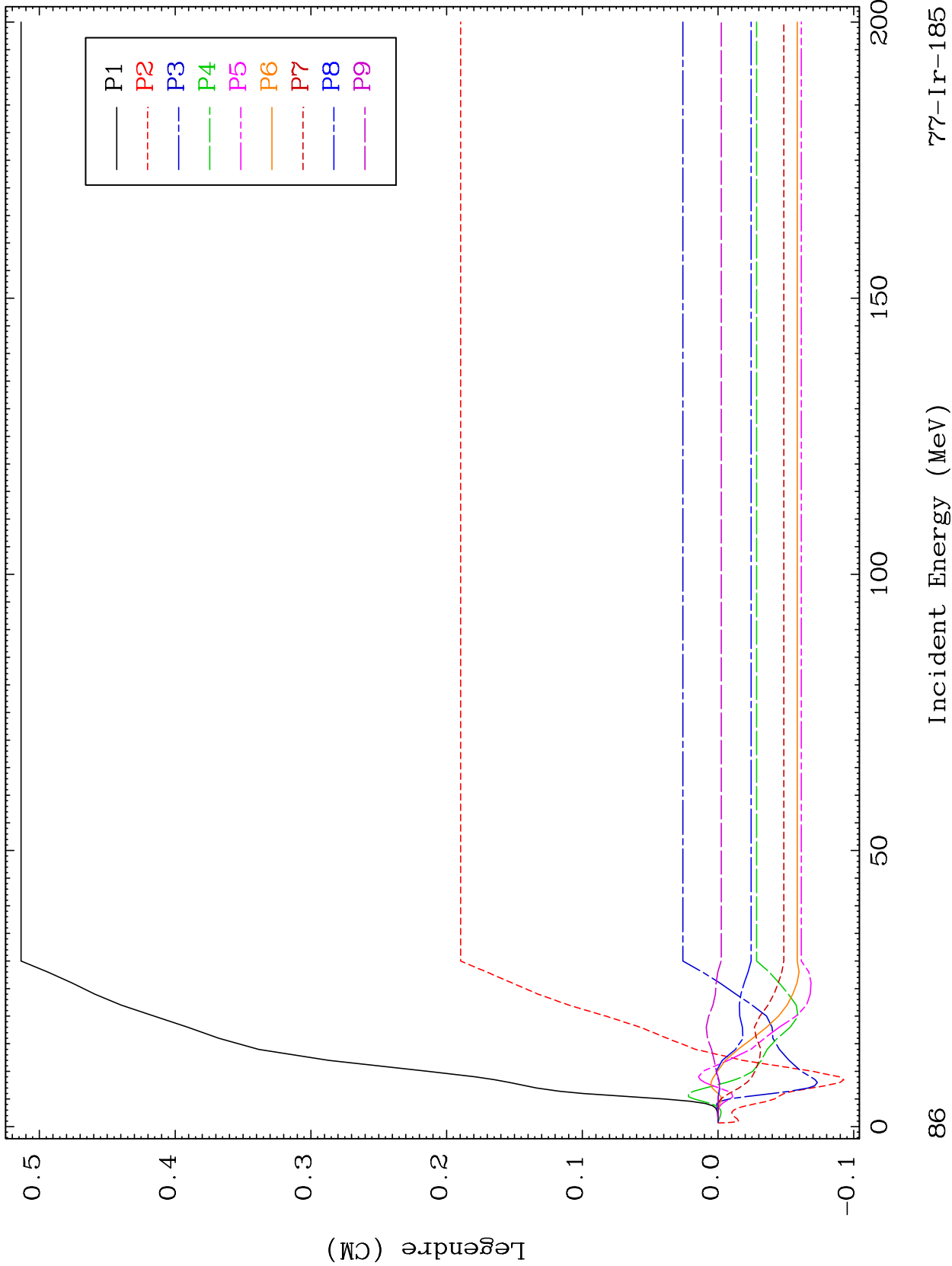
MAT 7707

646.6 keV (n,n') Level
Legendre Coefficients

77-Ir-185



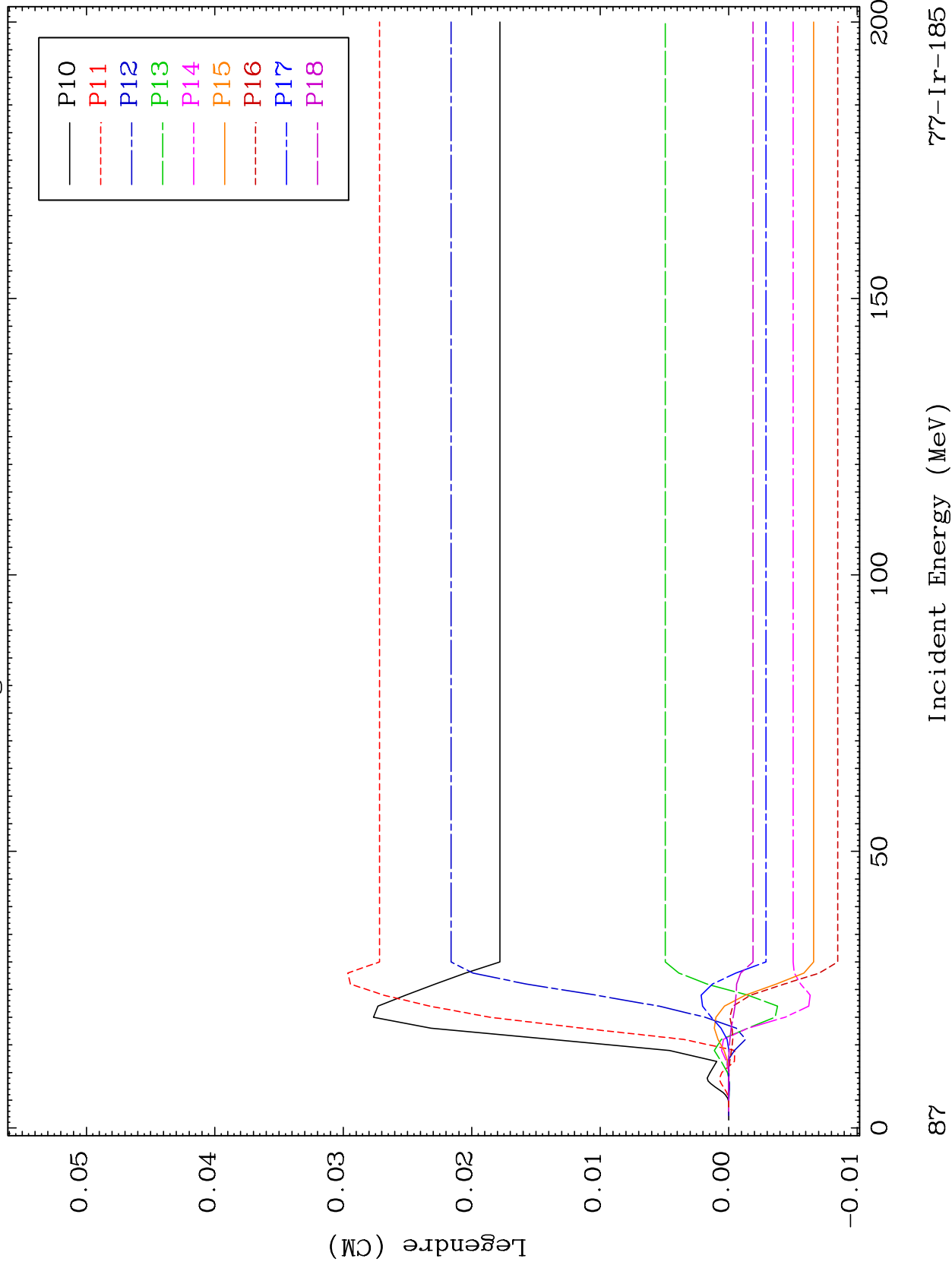
85



MAT 7707

648.7 keV (n,n') Level
Legendre Coefficients

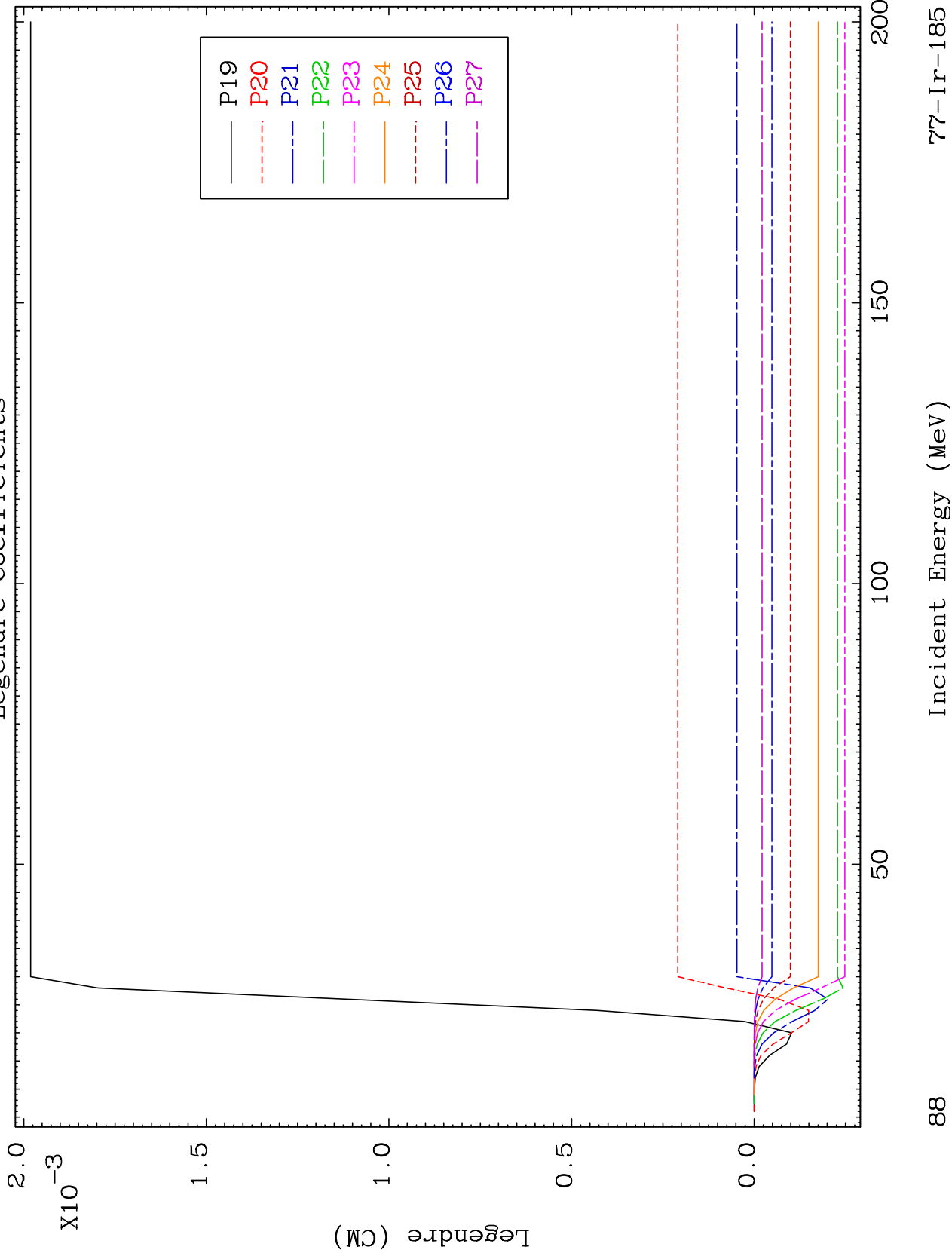
77-Ir-185

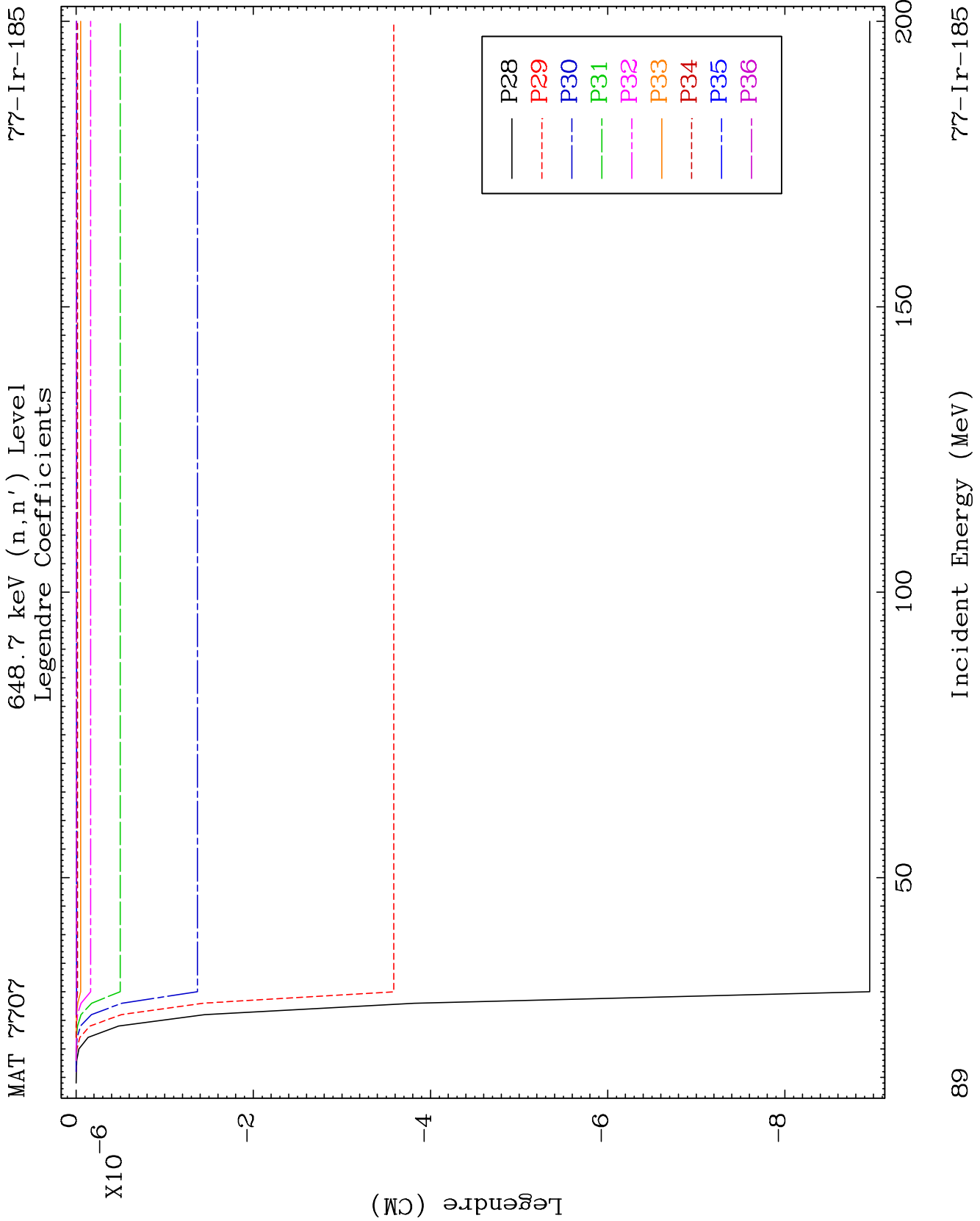


87

Incident Energy (MeV)

77-Ir-185

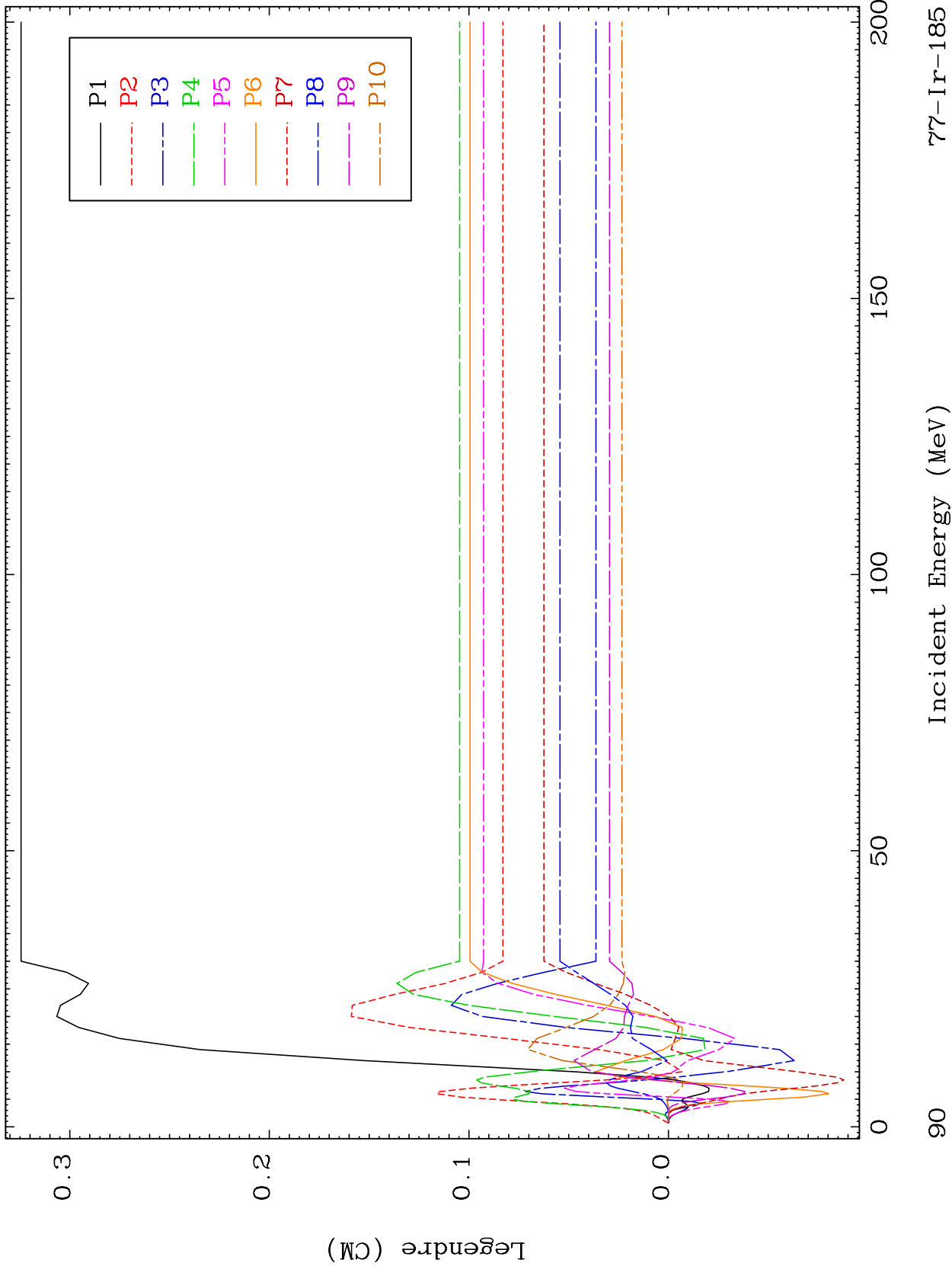




MAT 7707

696.8 keV (n,n') Level
Legendre Coefficients

77-Ir-185

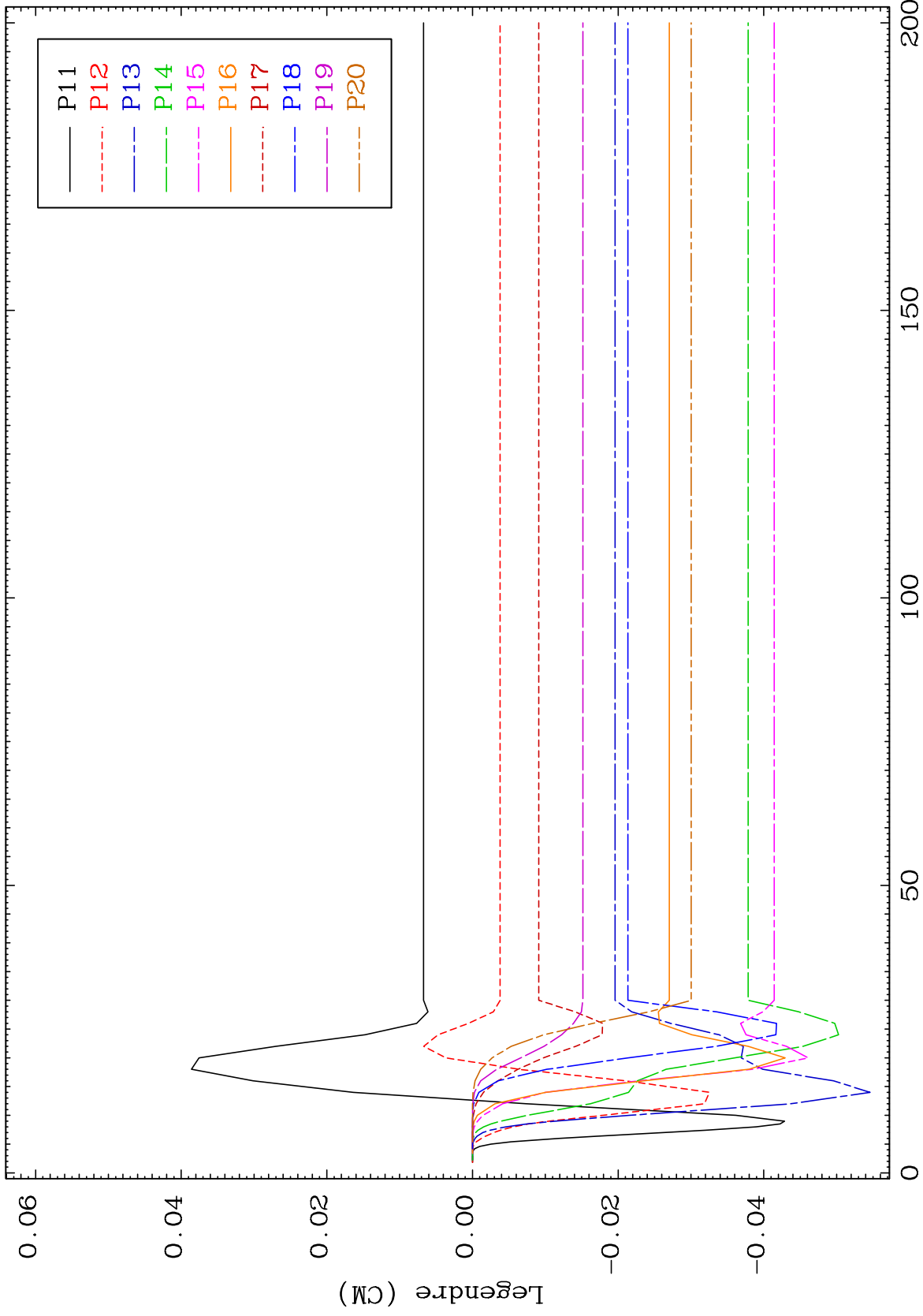


77-Ir-185

MAT 7707

696.8 keV (n,n') Level
Legendre Coefficients

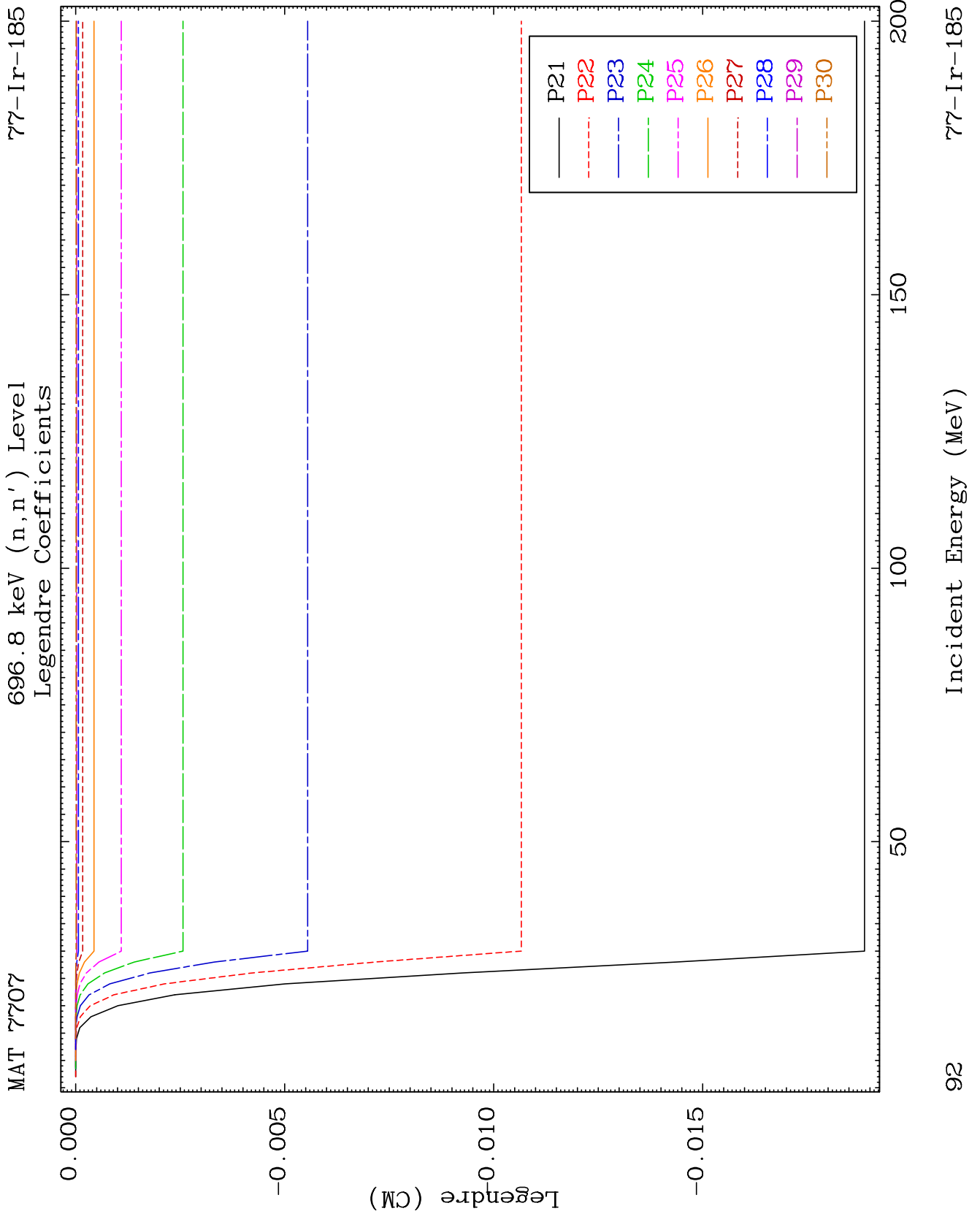
77-Ir-185

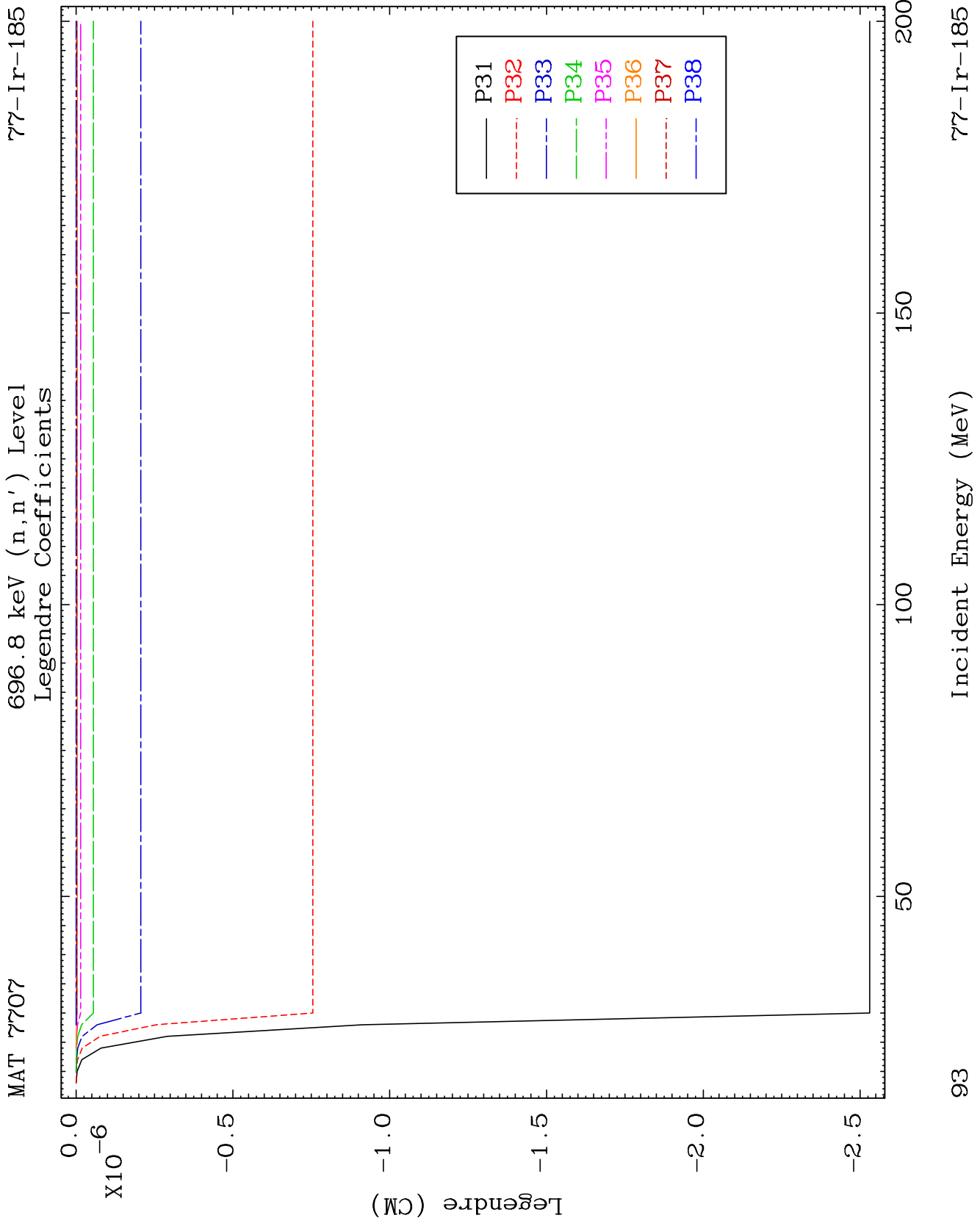


91

Incident Energy (MeV)

77-Ir-185

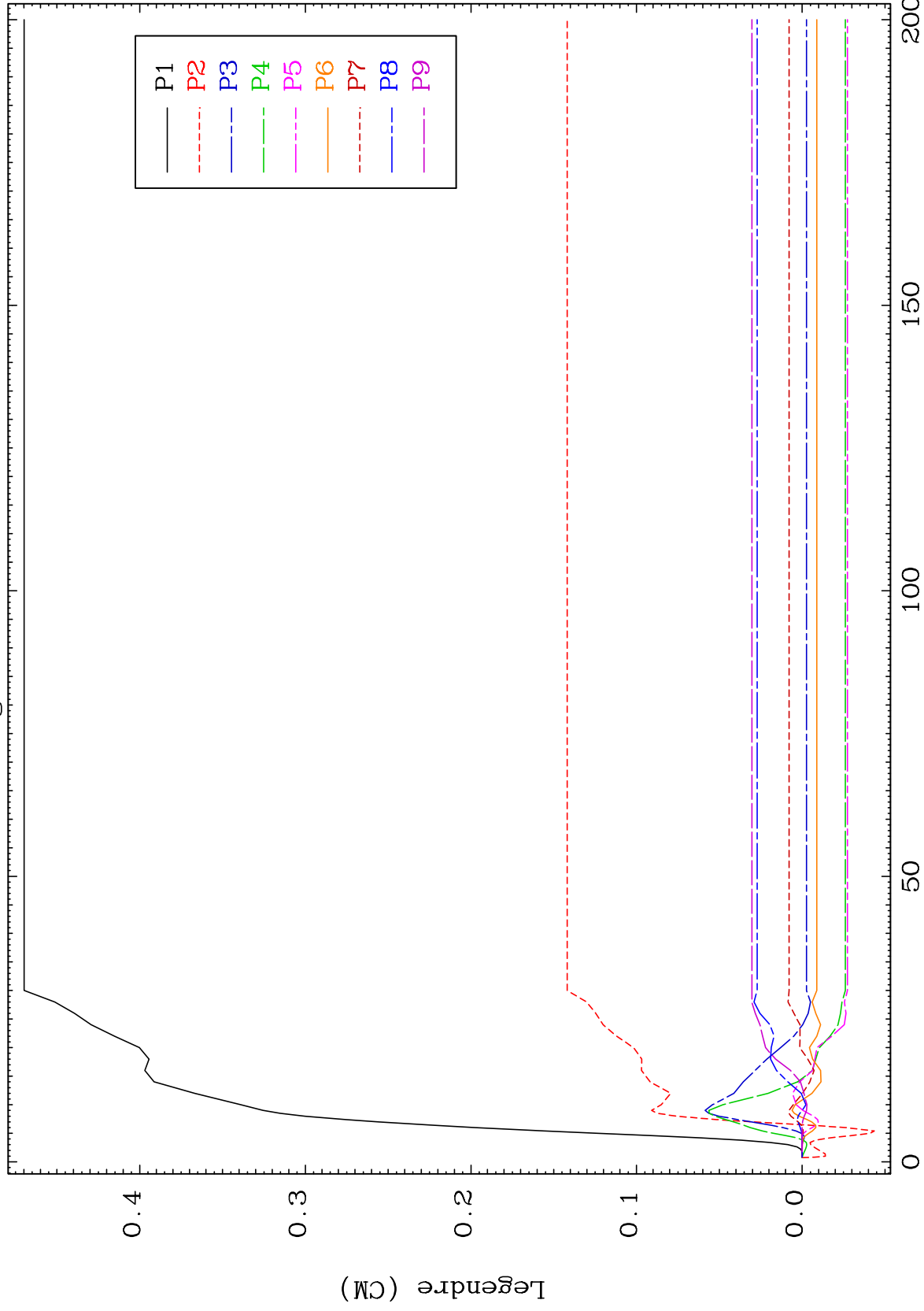




MAT 7707

720.3 keV (n,n') Level
Legendre Coefficients

77-Ir-185



94

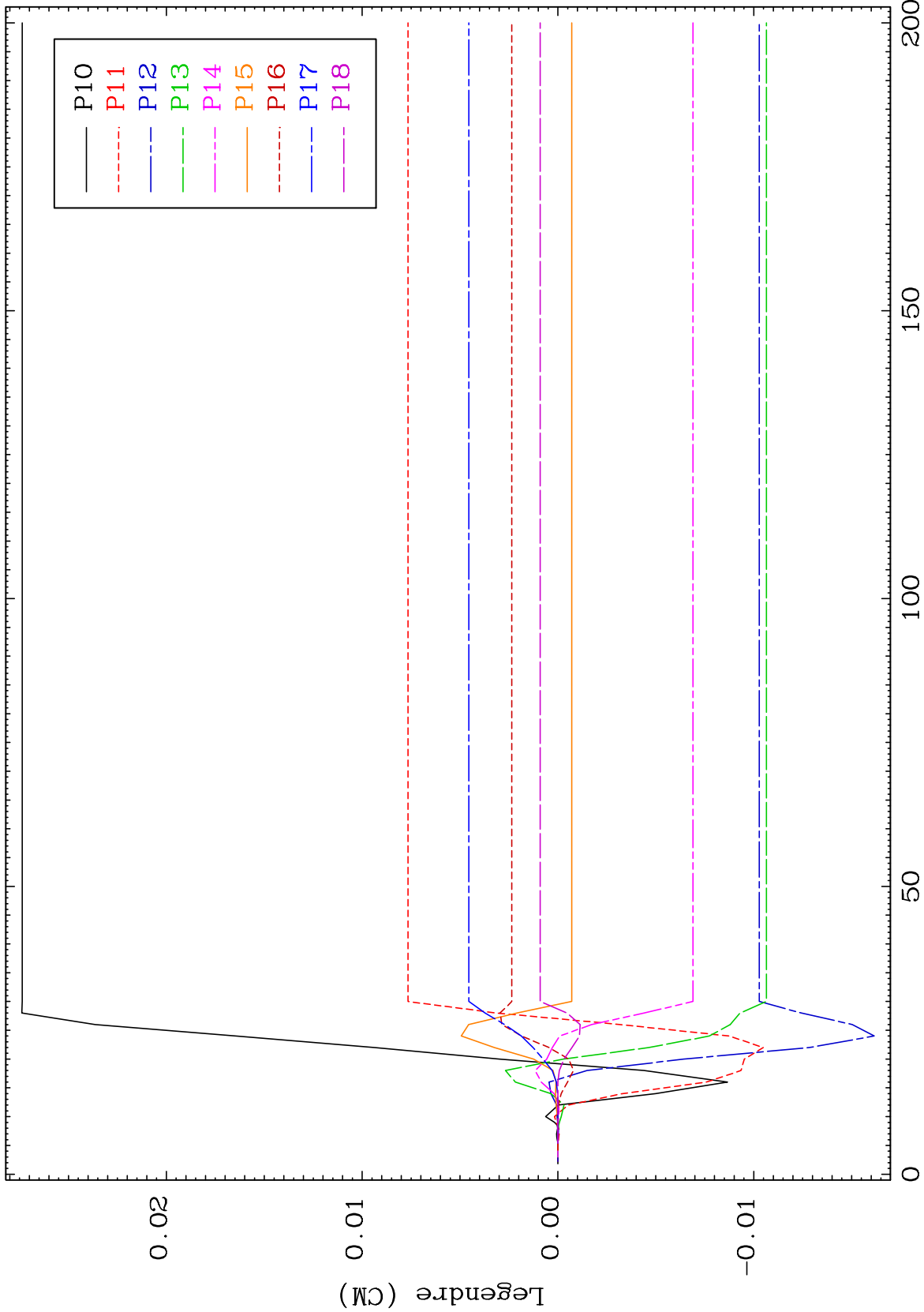
Incident Energy (MeV)

77-Ir-185

MAT 7707

720.3 keV (n,n') Level
Legendre Coefficients

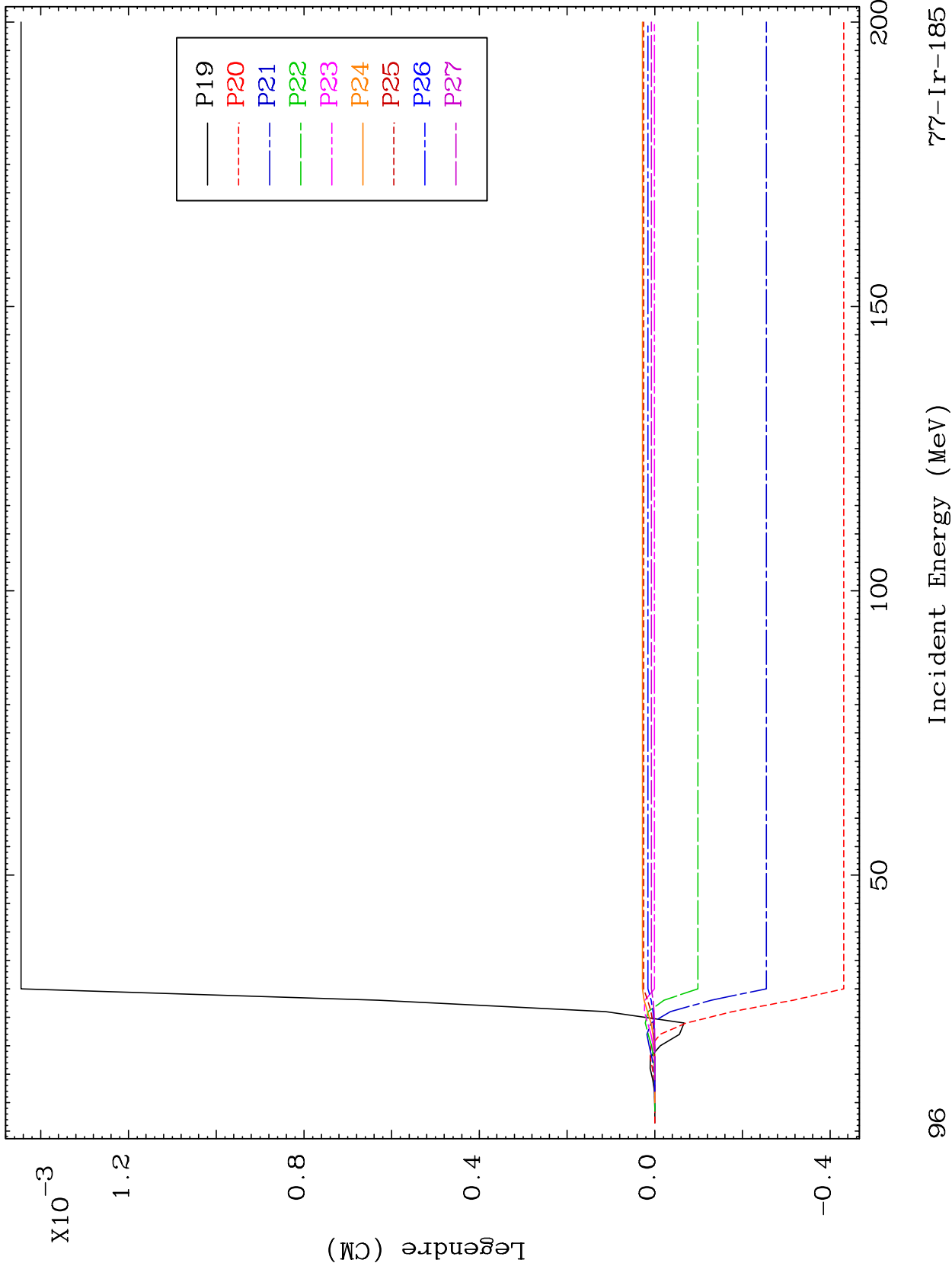
77-Ir-185



77-Ir-185

Incident Energy (MeV)

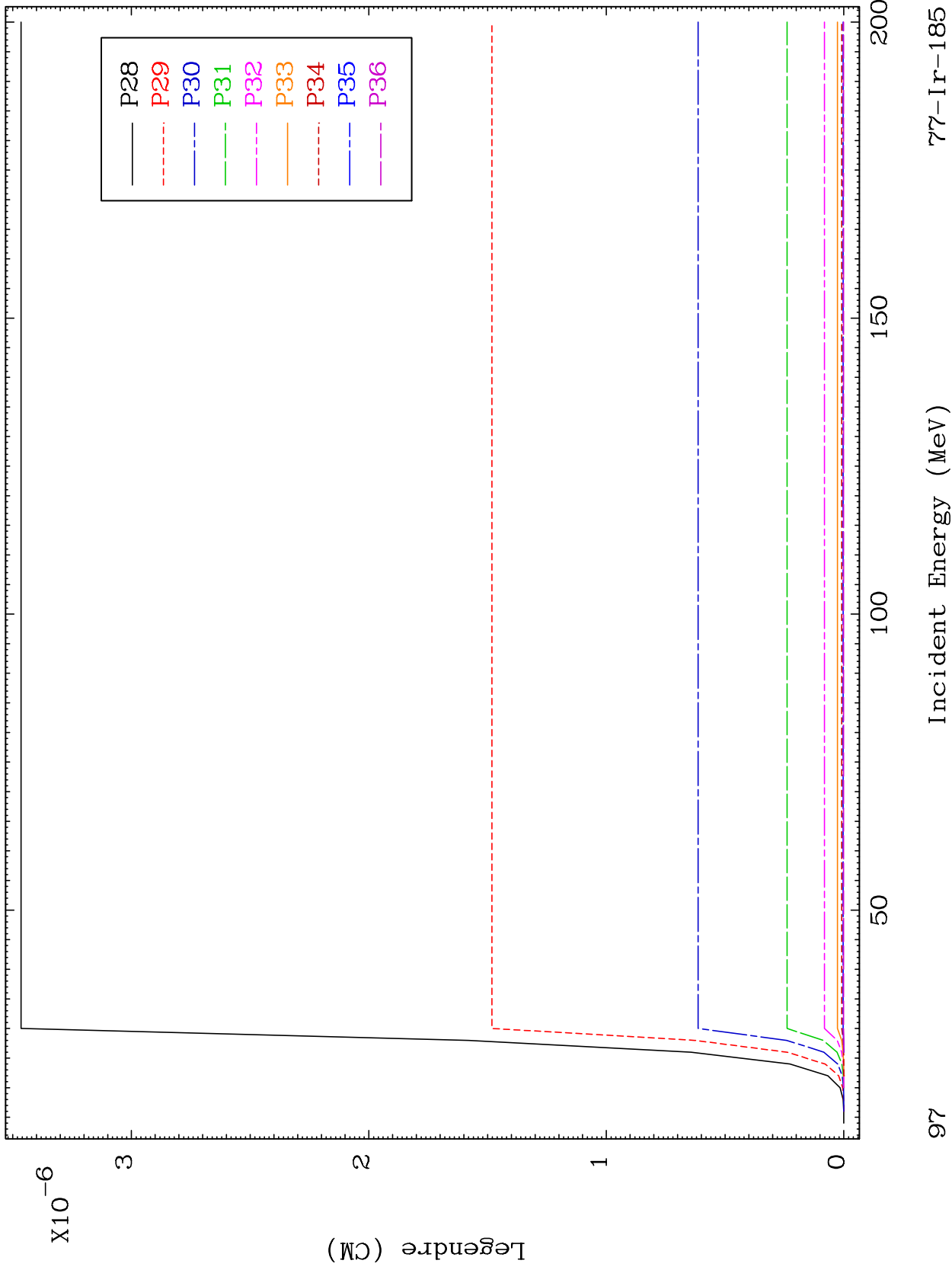
95



MAT 7707

720.3 keV (n,n') Level
Legendre Coefficients

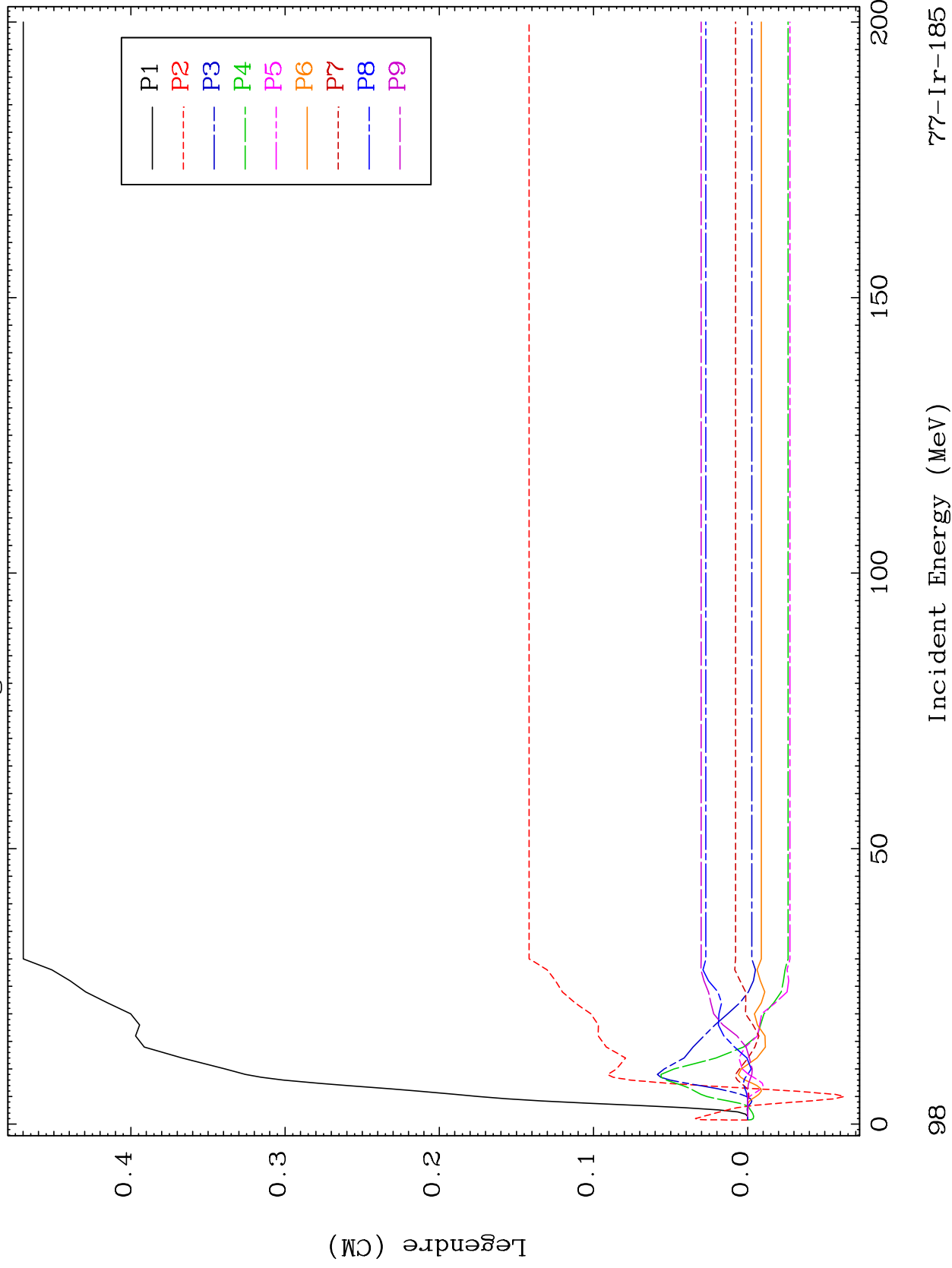
77-Ir-185



MAT 7707

727.1 keV (n,n') Level
Legendre Coefficients

77-Ir-185



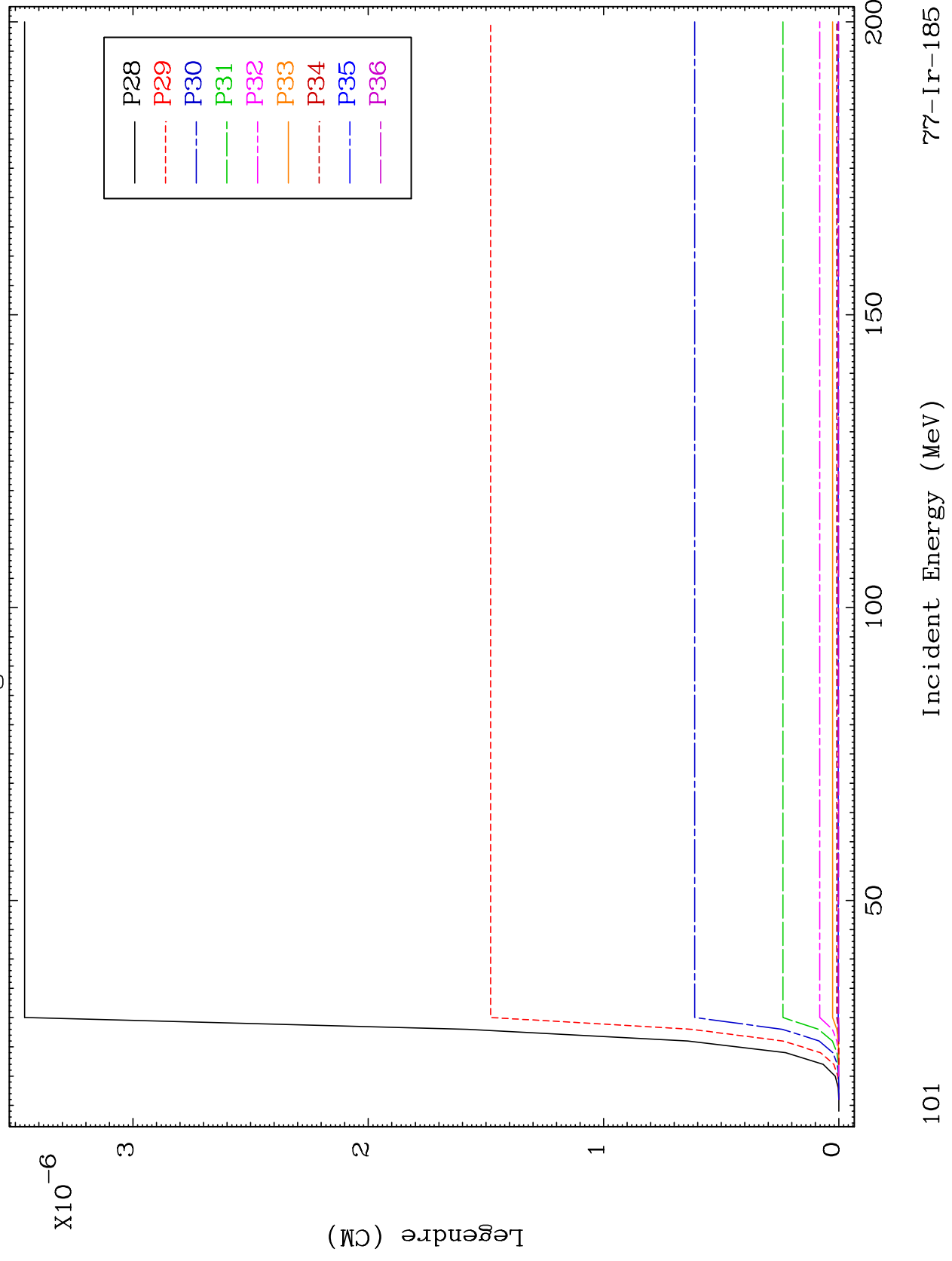
98

77-Ir-185

MAT 7707

727.1 keV (n,n') Level
Legendre Coefficients

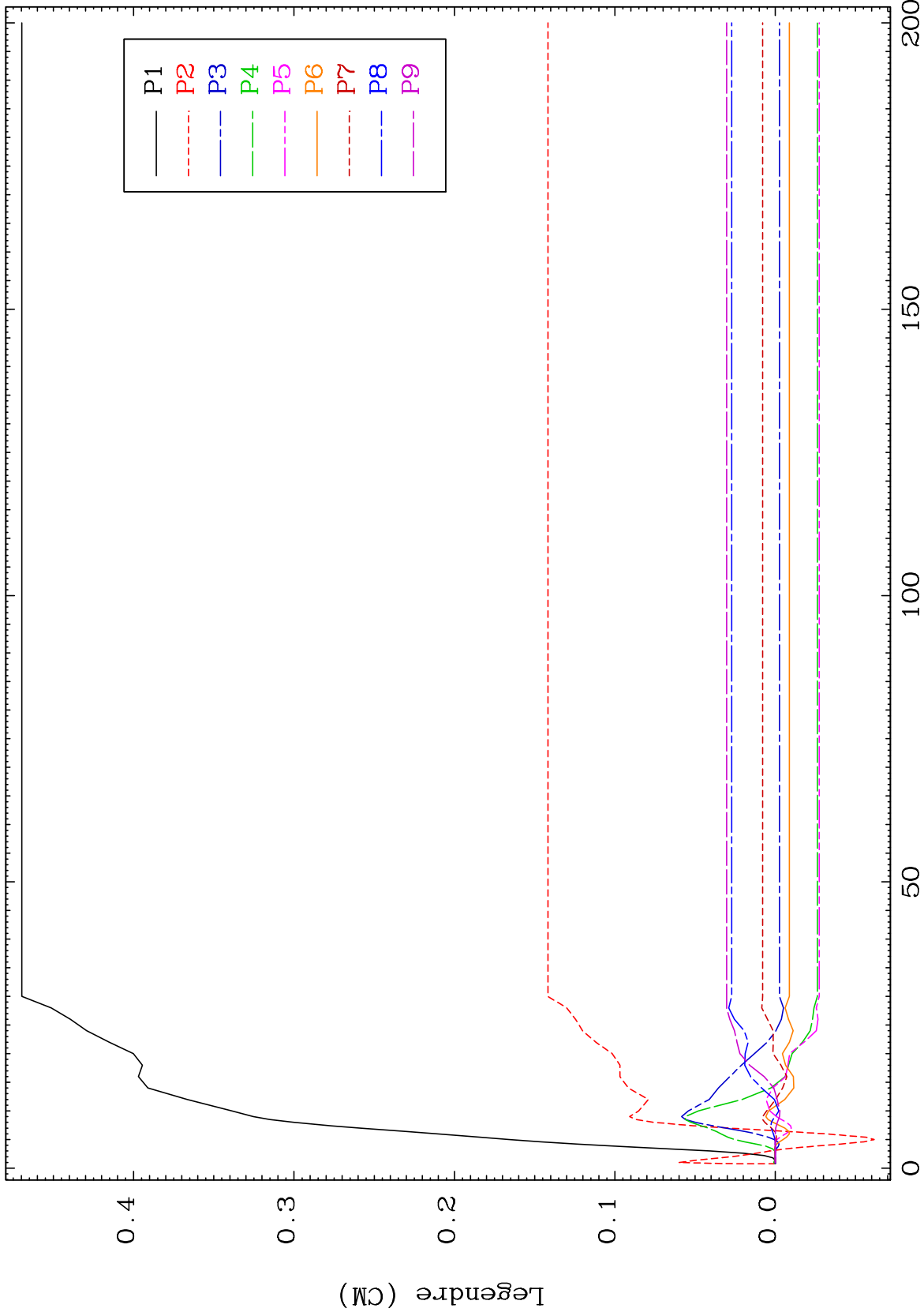
77-Ir-185



MAT 7707

756.0 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

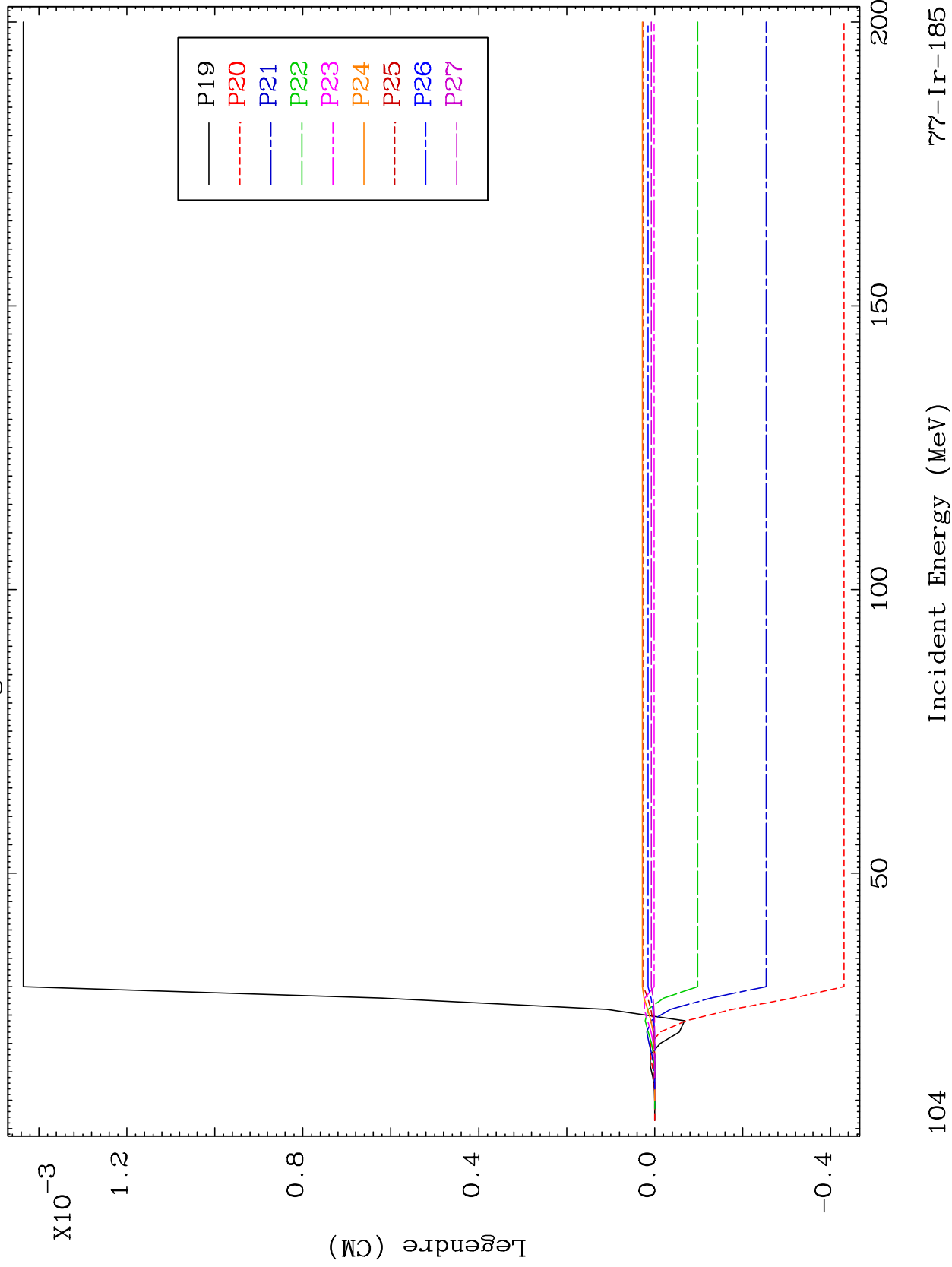
Incident Energy (MeV)

102

MAT 7707

756.0 keV (n,n') Level
Legendre Coefficients

77-Ir-185



104

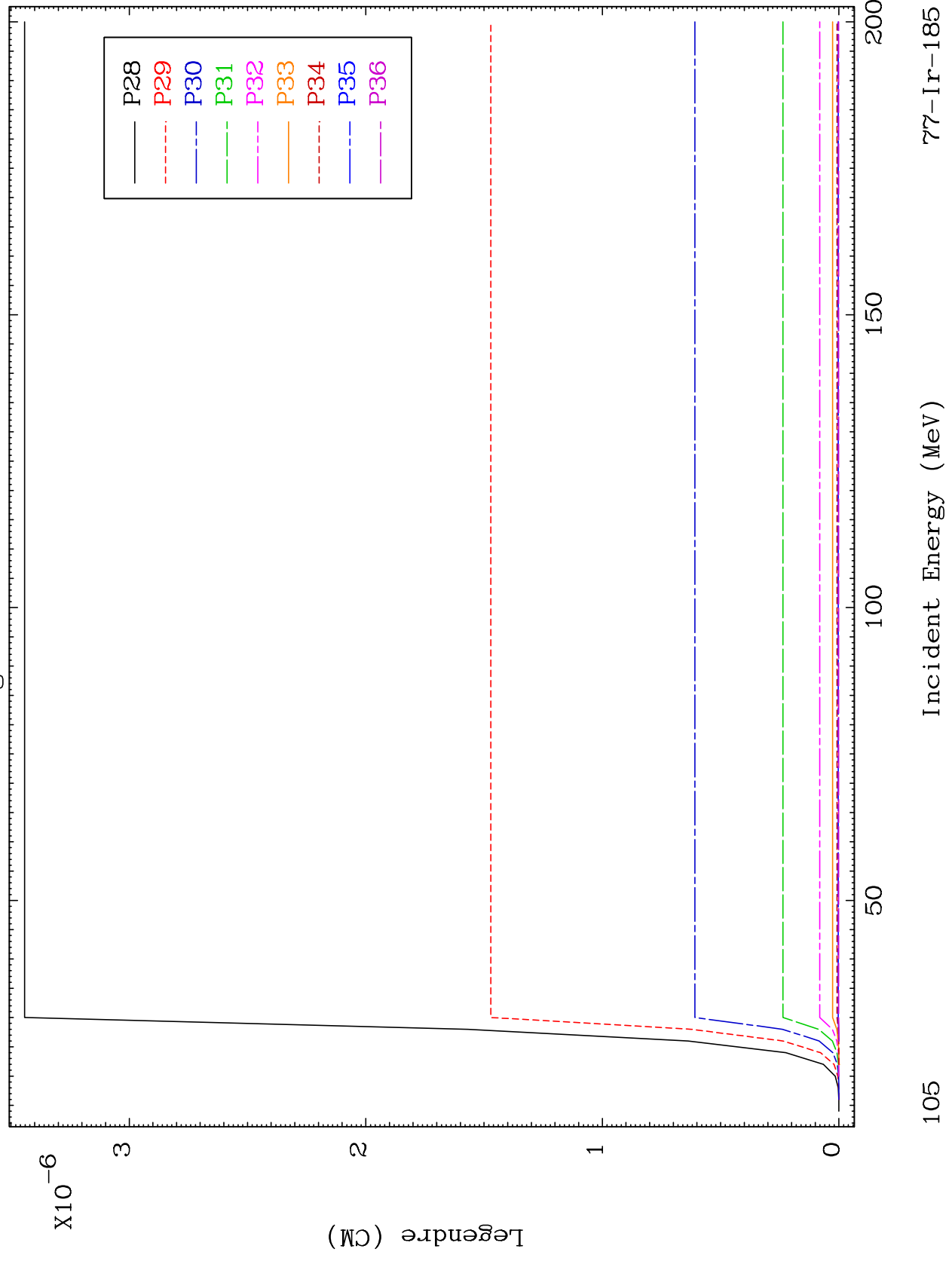
Incident Energy (MeV)

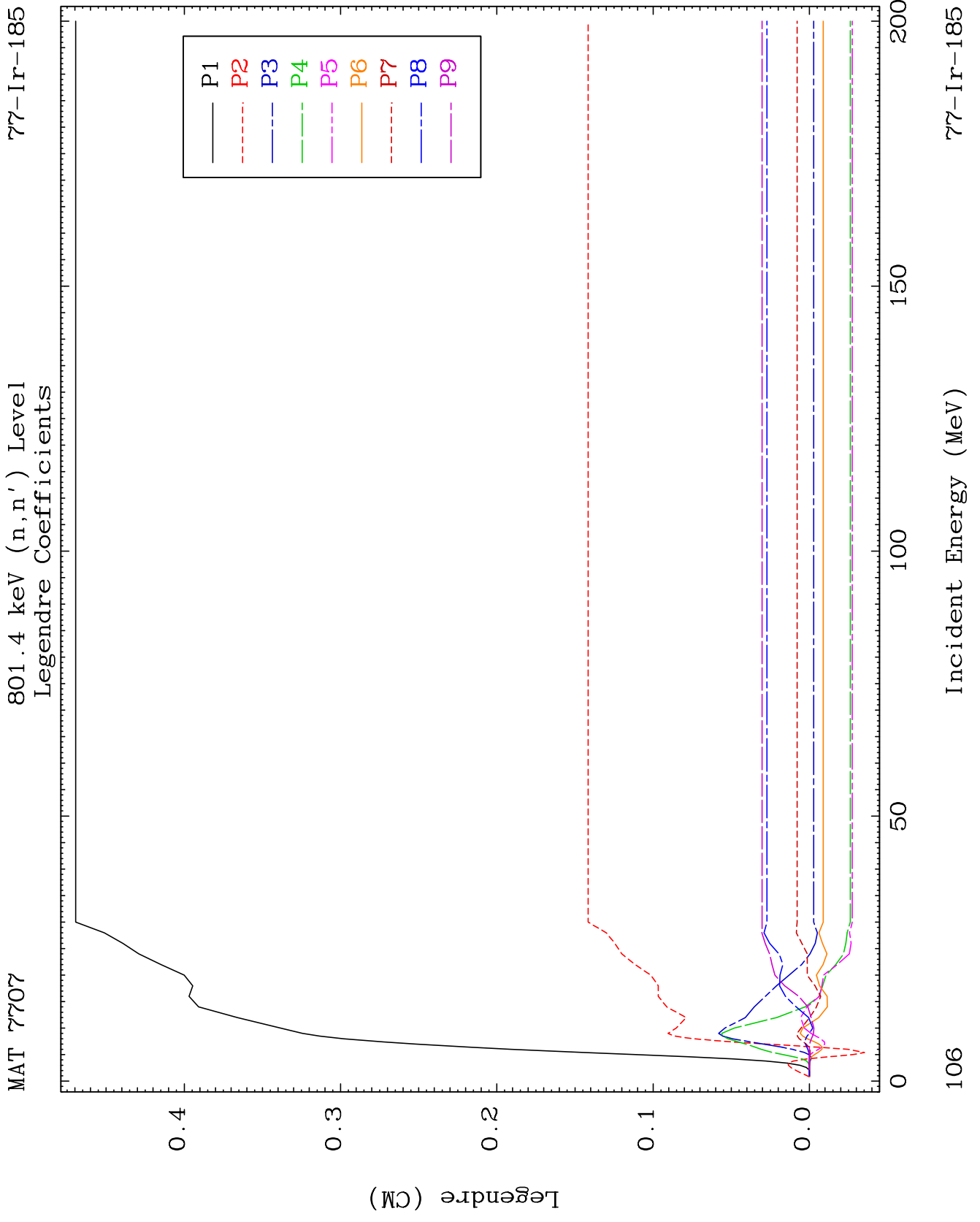
77-Ir-185

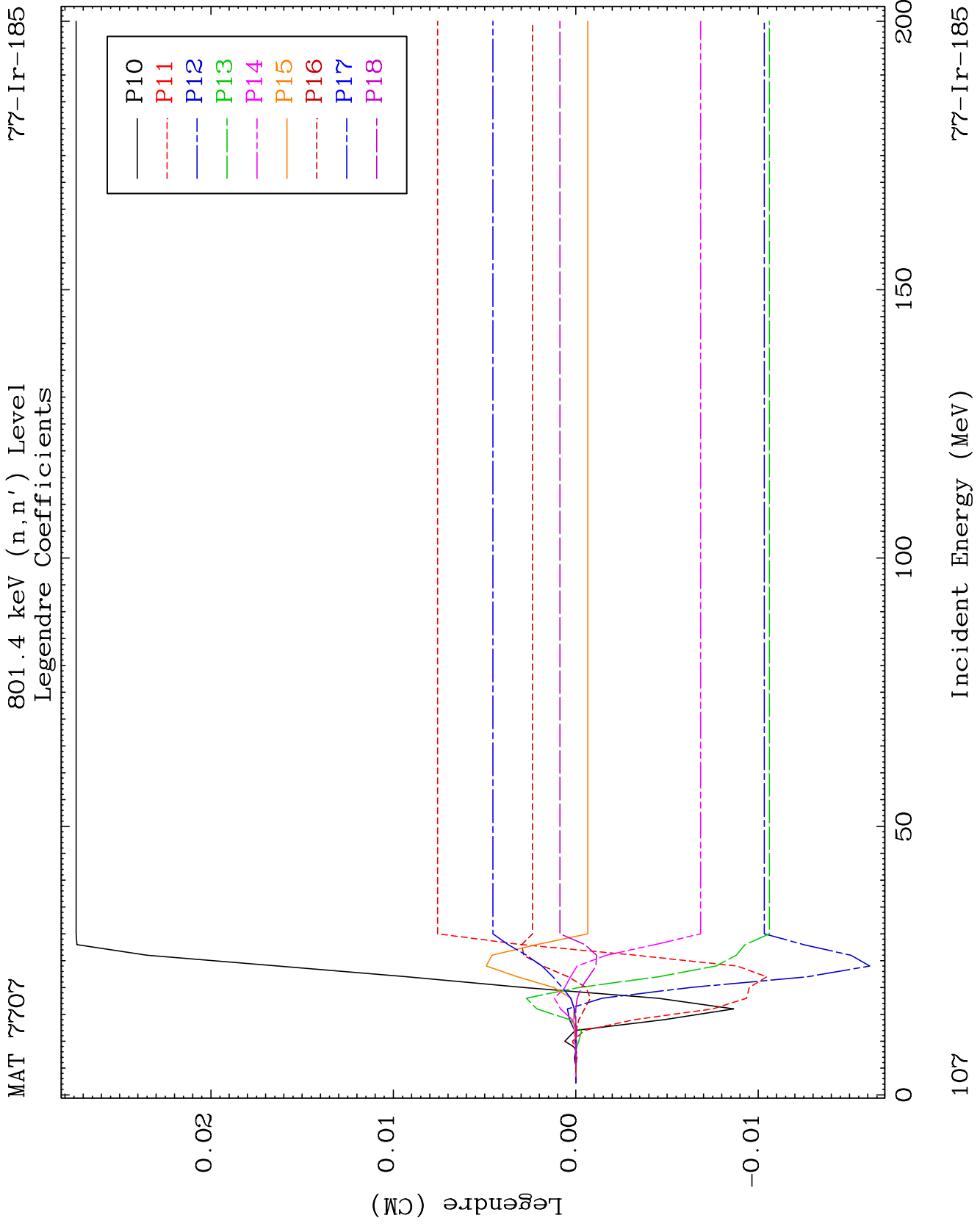
MAT 7707

756.0 keV (n,n') Level
Legendre Coefficients

77-Ir-185



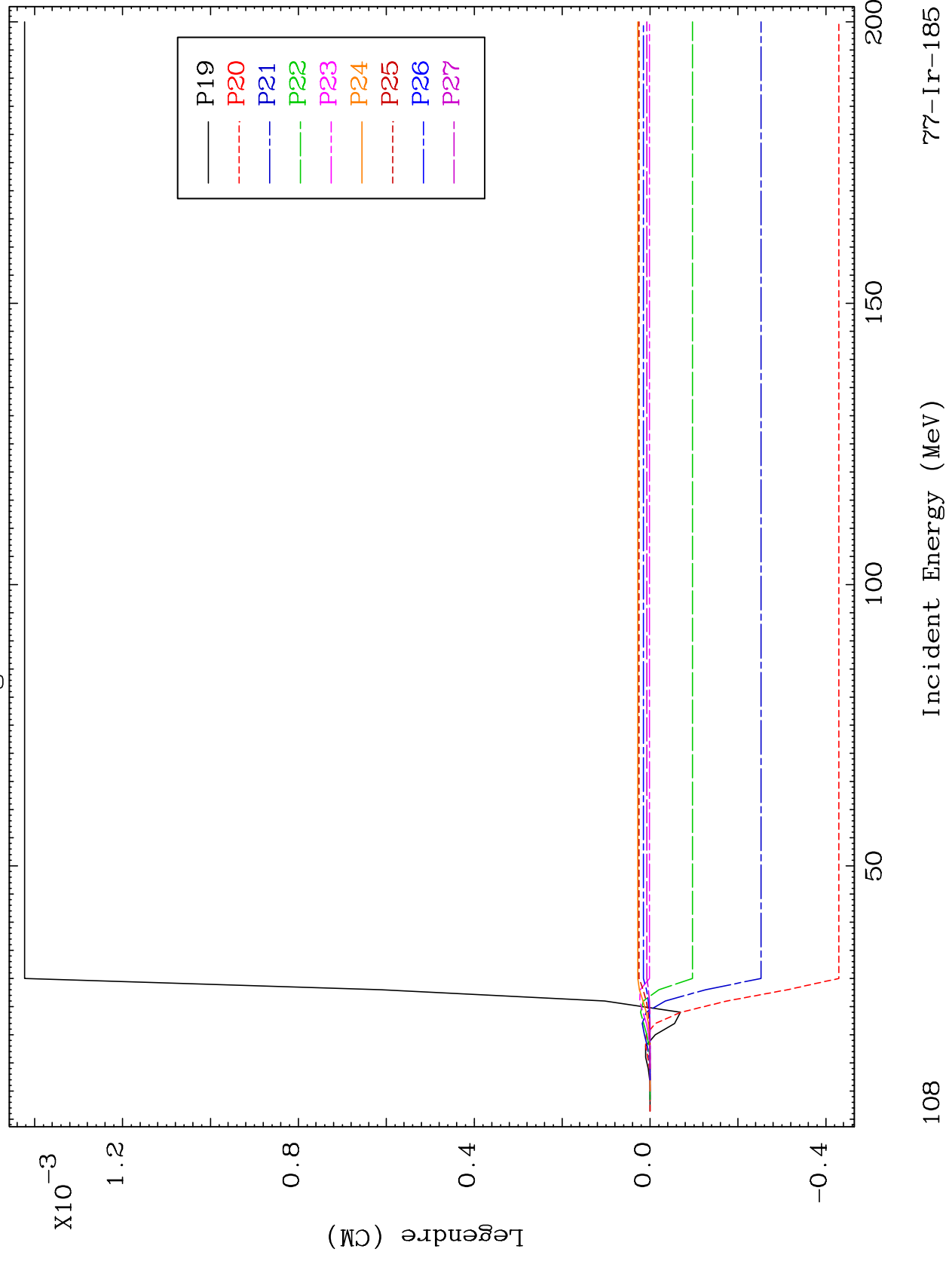




MAT 7707

801.4 keV (n,n') Level
Legendre Coefficients

77-Ir-185



108

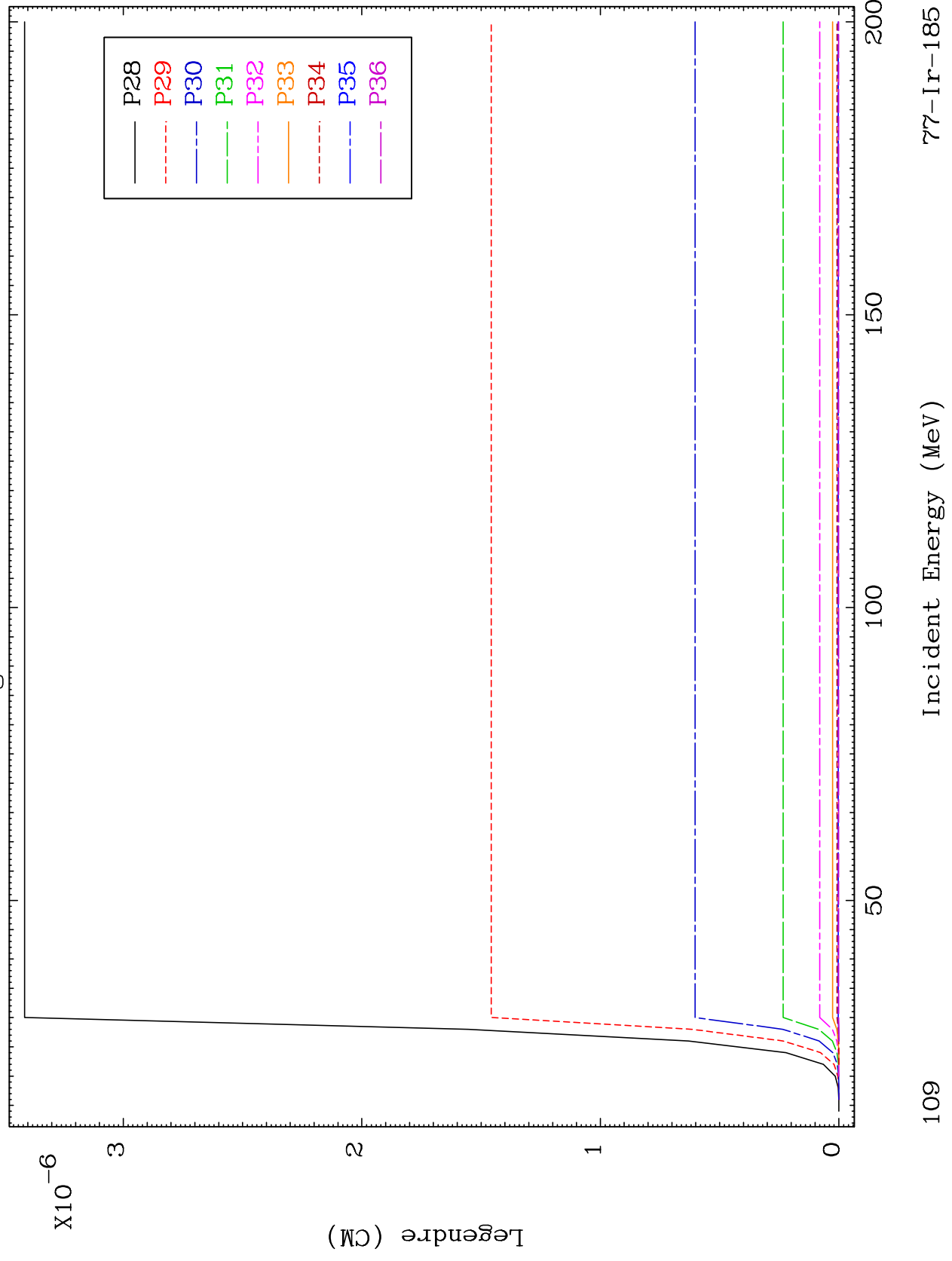
Incident Energy (MeV)

77-Ir-185

MAT 7707

801.4 keV (n,n') Level
Legendre Coefficients

77-Ir-185



109

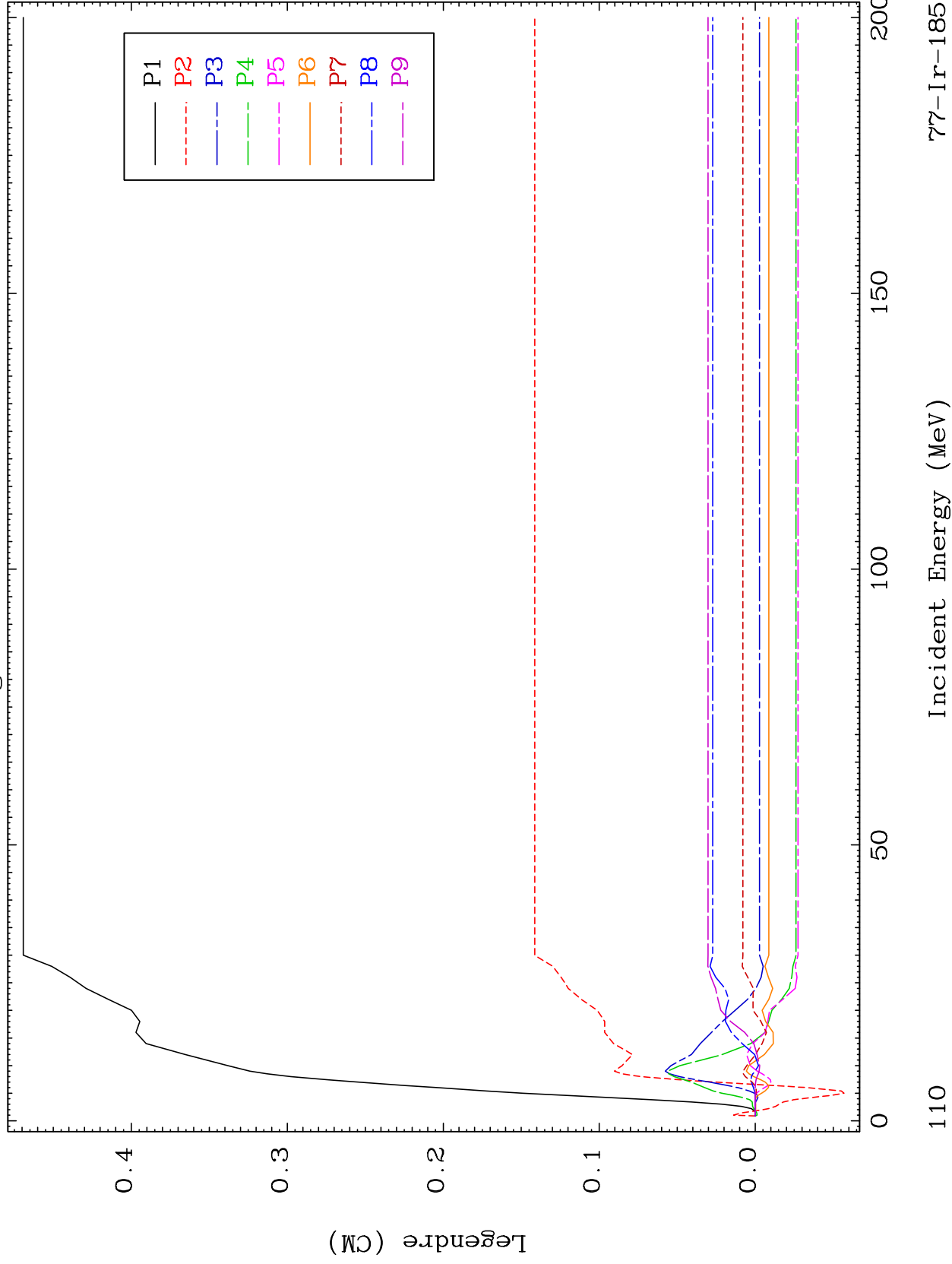
Incident Energy (MeV)

77-Ir-185

MAT 7707

852.3 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

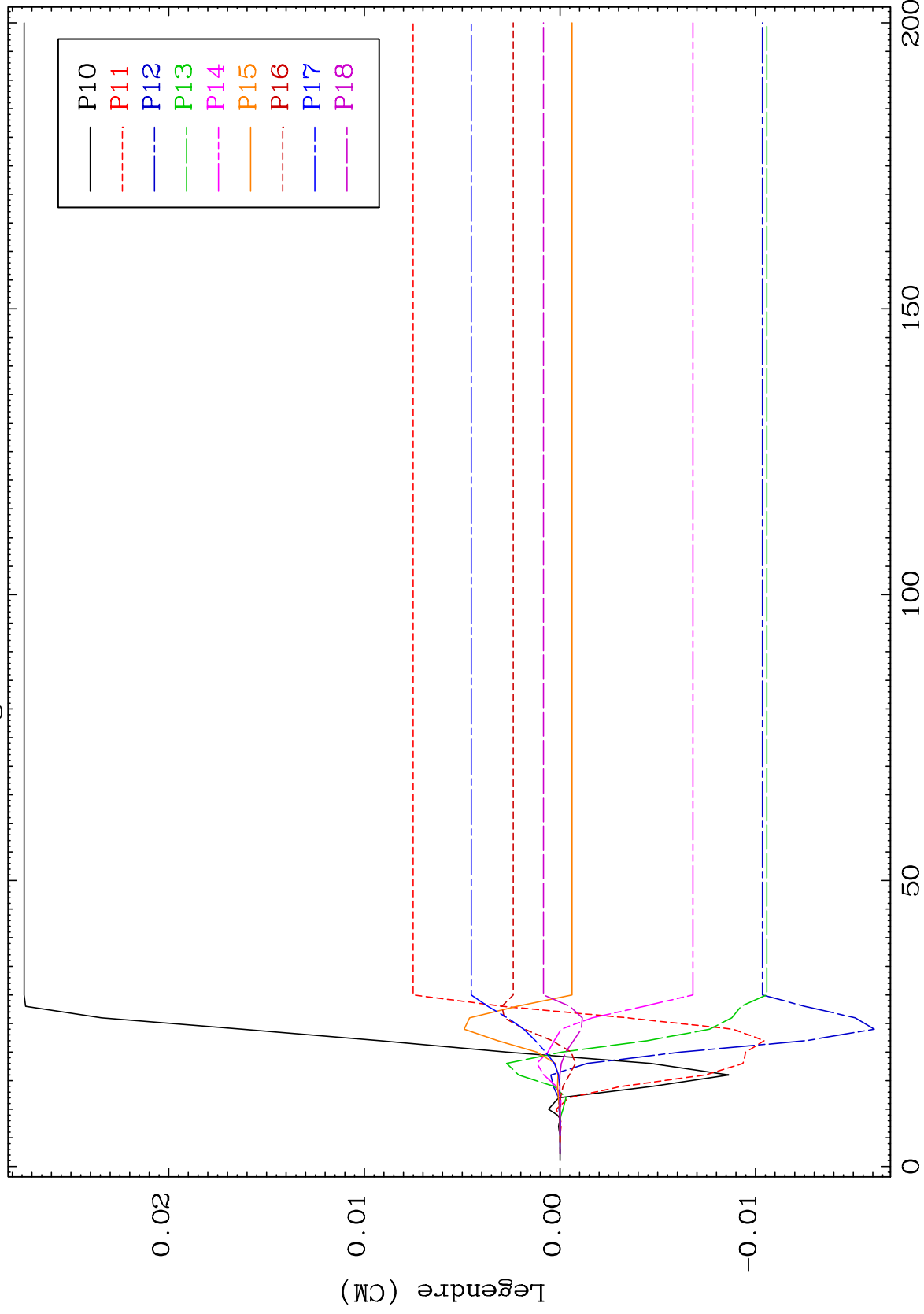
Incident Energy (MeV)

110

MAT 7707

852.3 keV (n,n') Level
Legendre Coefficients

77-Ir-185



111

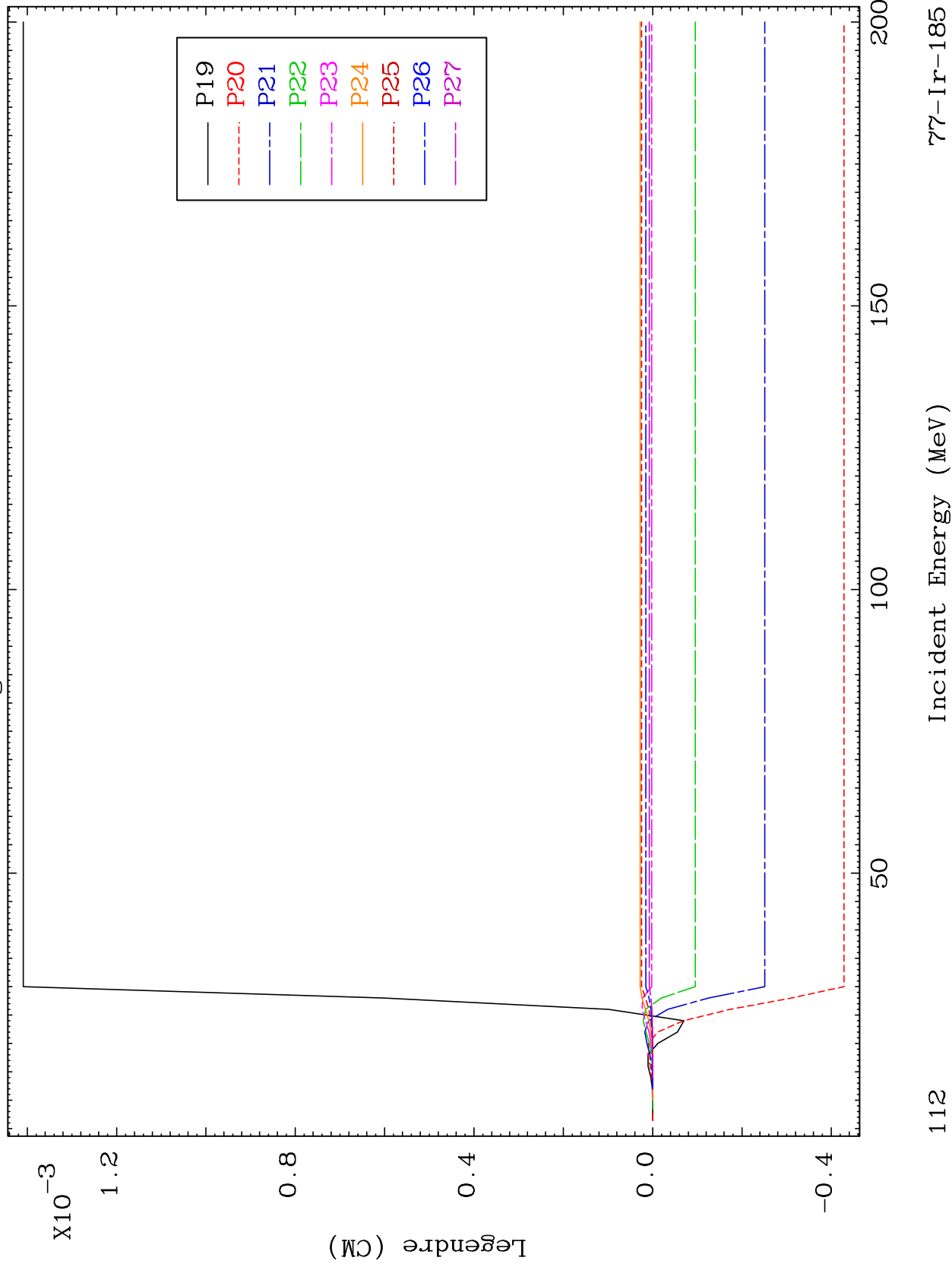
Incident Energy (MeV)

77-Ir-185

MAT 7707

852.3 keV (n,n') Level
Legendre Coefficients

77-Ir-185



112

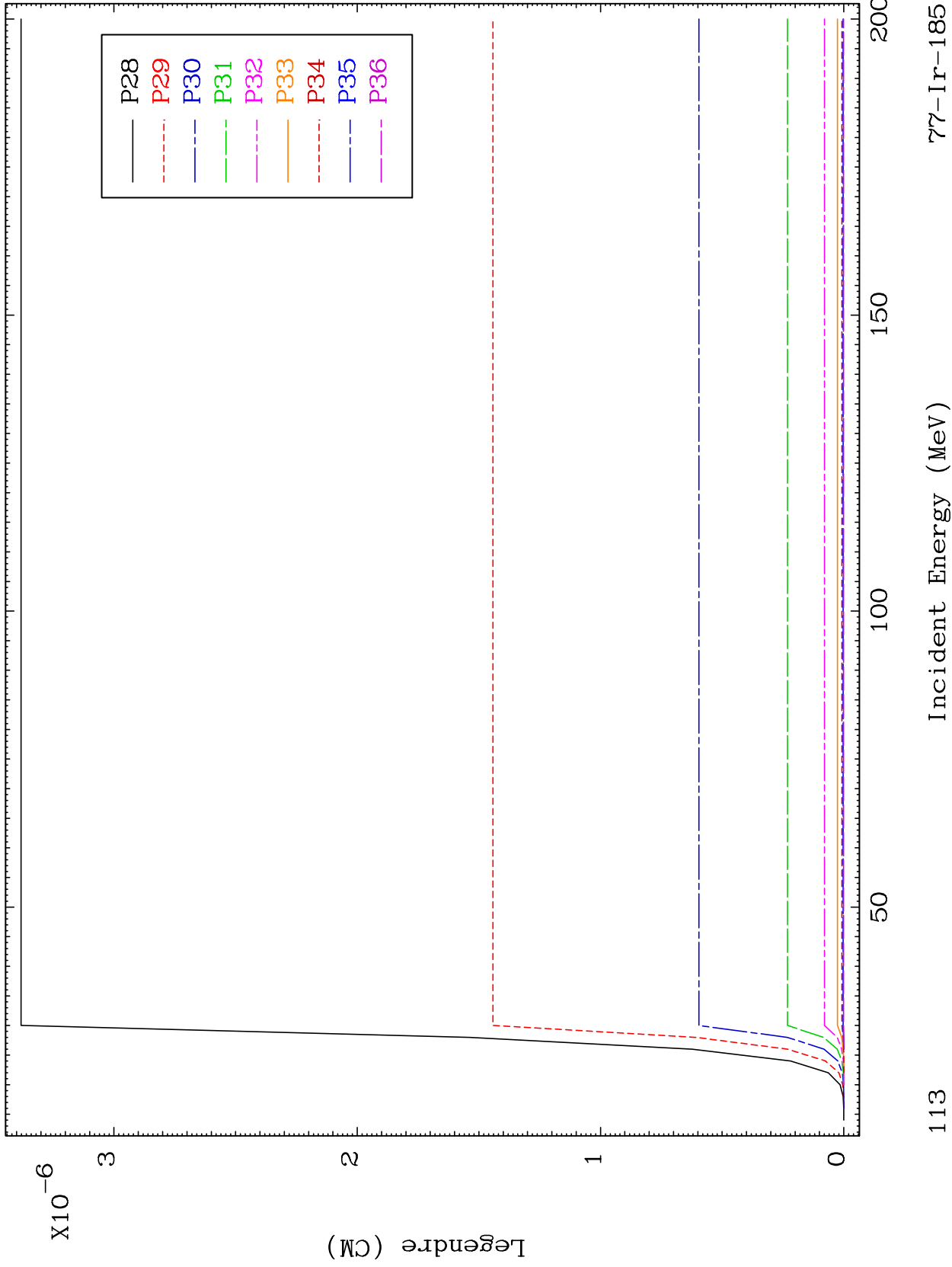
Incident Energy (MeV)

77-Ir-185

MAT 7707

852.3 keV (n,n') Level
Legendre Coefficients

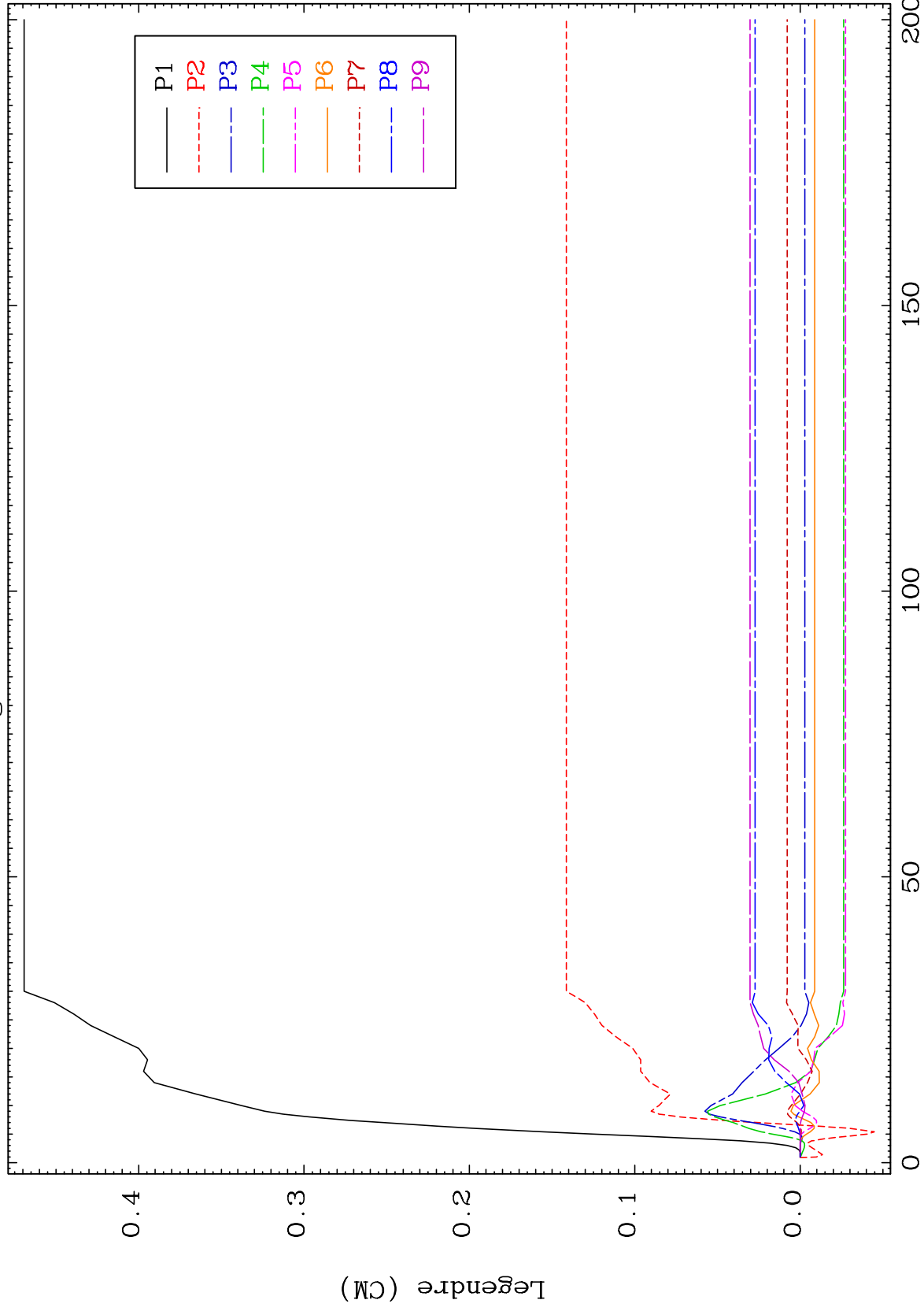
77-Ir-185



MAT 7707

861.1 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

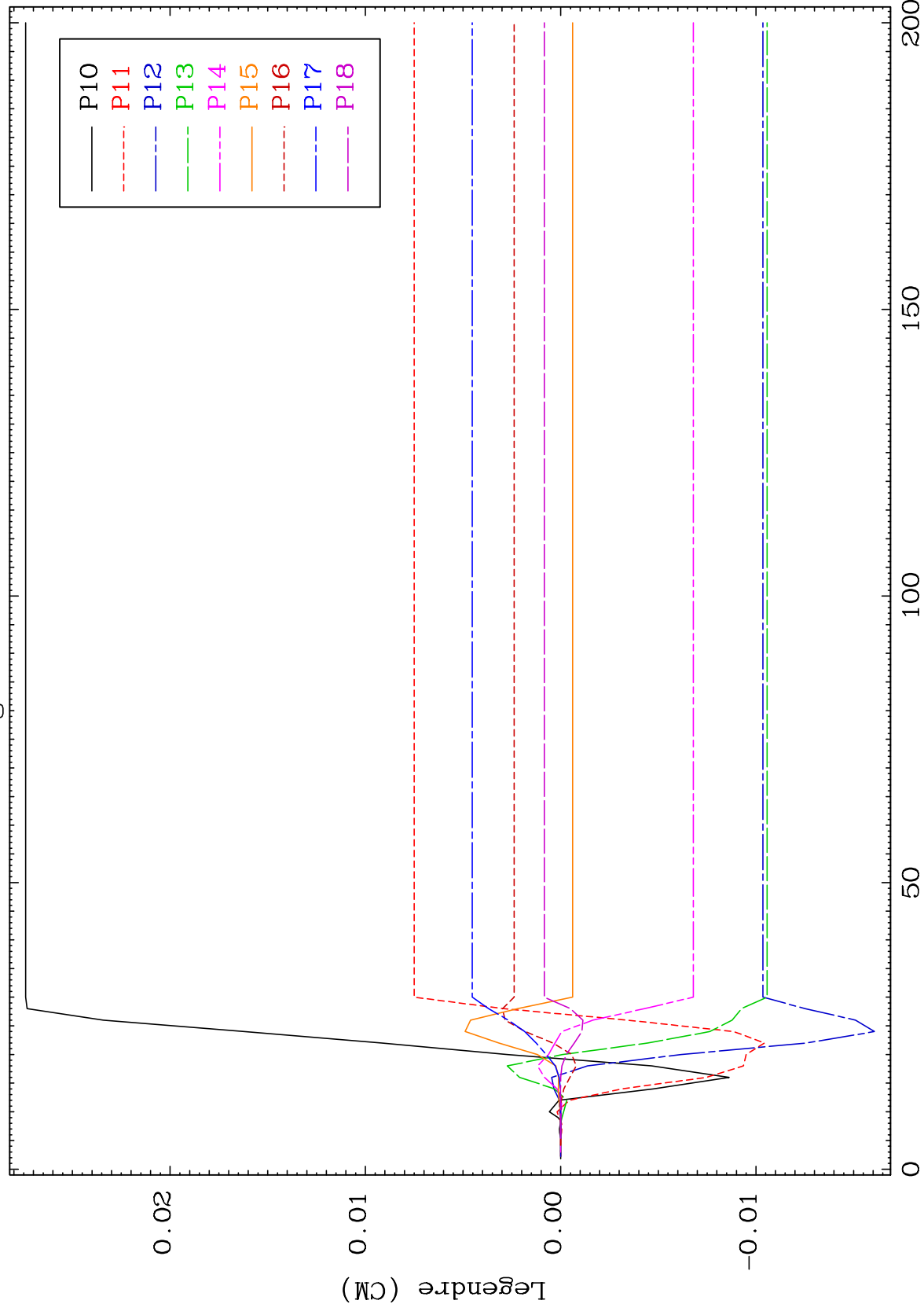
Incident Energy (MeV)

114

MAT 7707

861.1 keV (n,n') Level
Legendre Coefficients

77-Ir-185



115

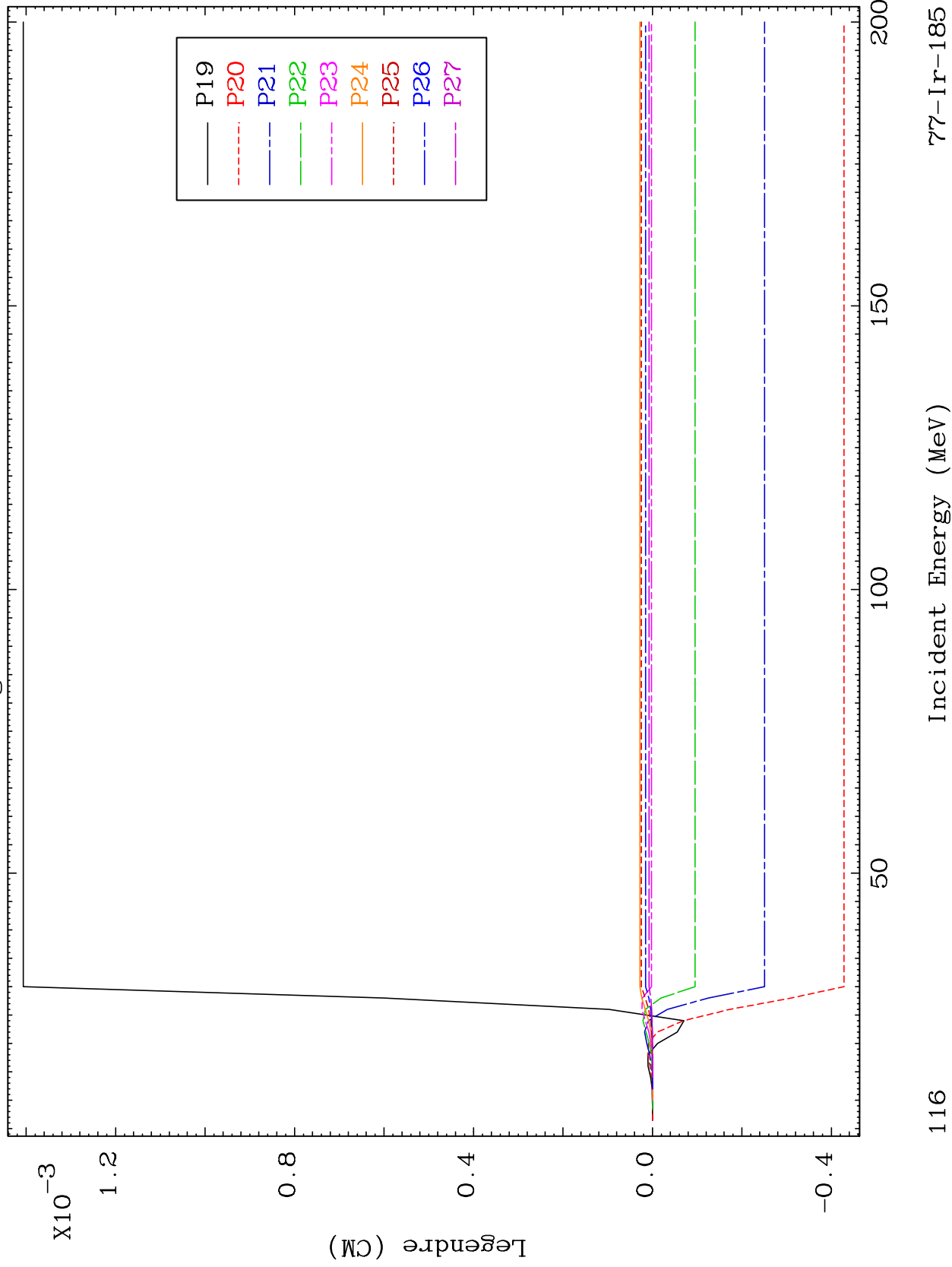
Incident Energy (MeV)

77-Ir-185

MAT 7707

861.1 keV (n,n') Level
Legendre Coefficients

77-Ir-185



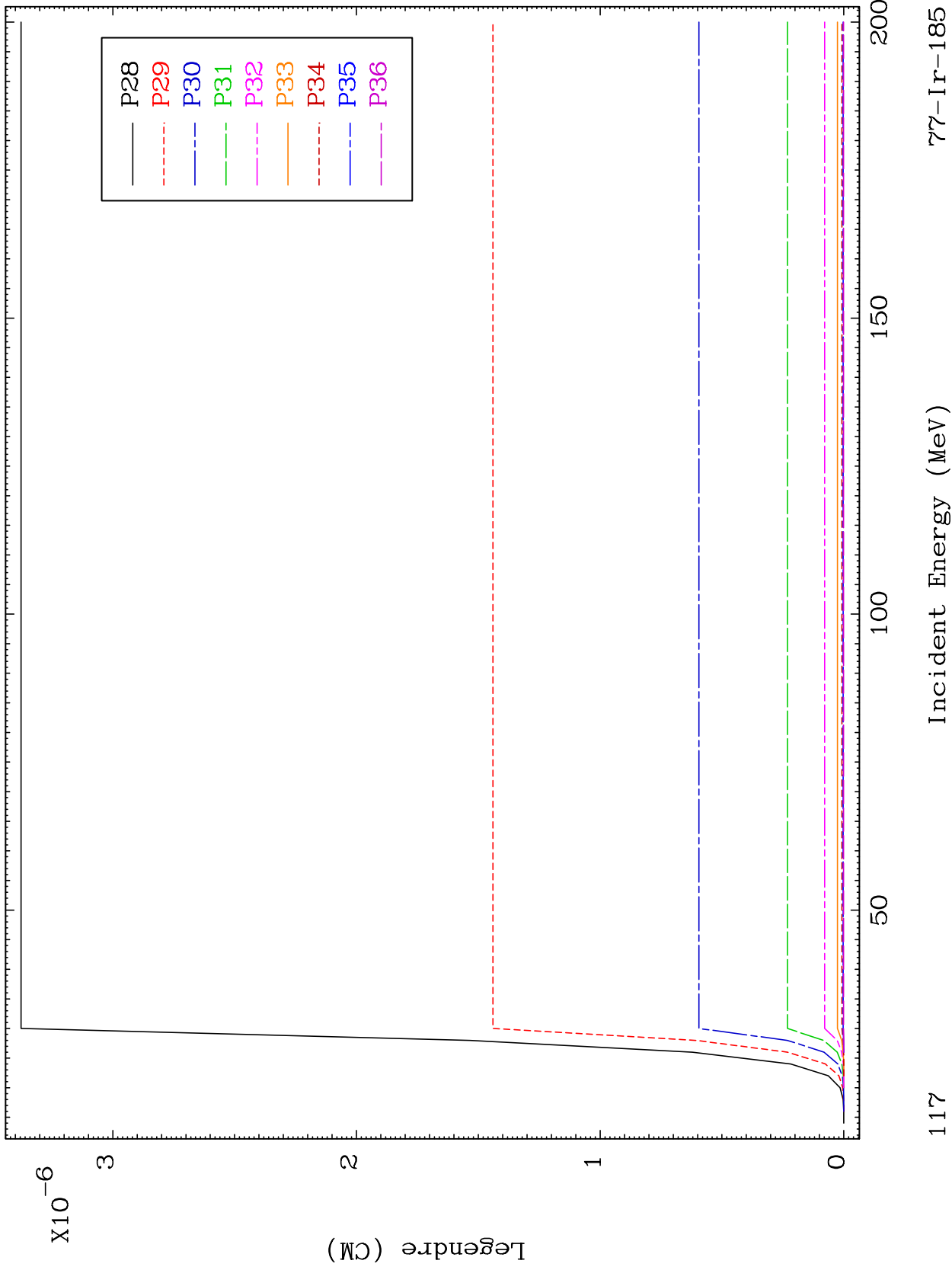
116

77-Ir-185

MAT 7707

861.1 keV (n,n') Level
Legendre Coefficients

77-Ir-185



117

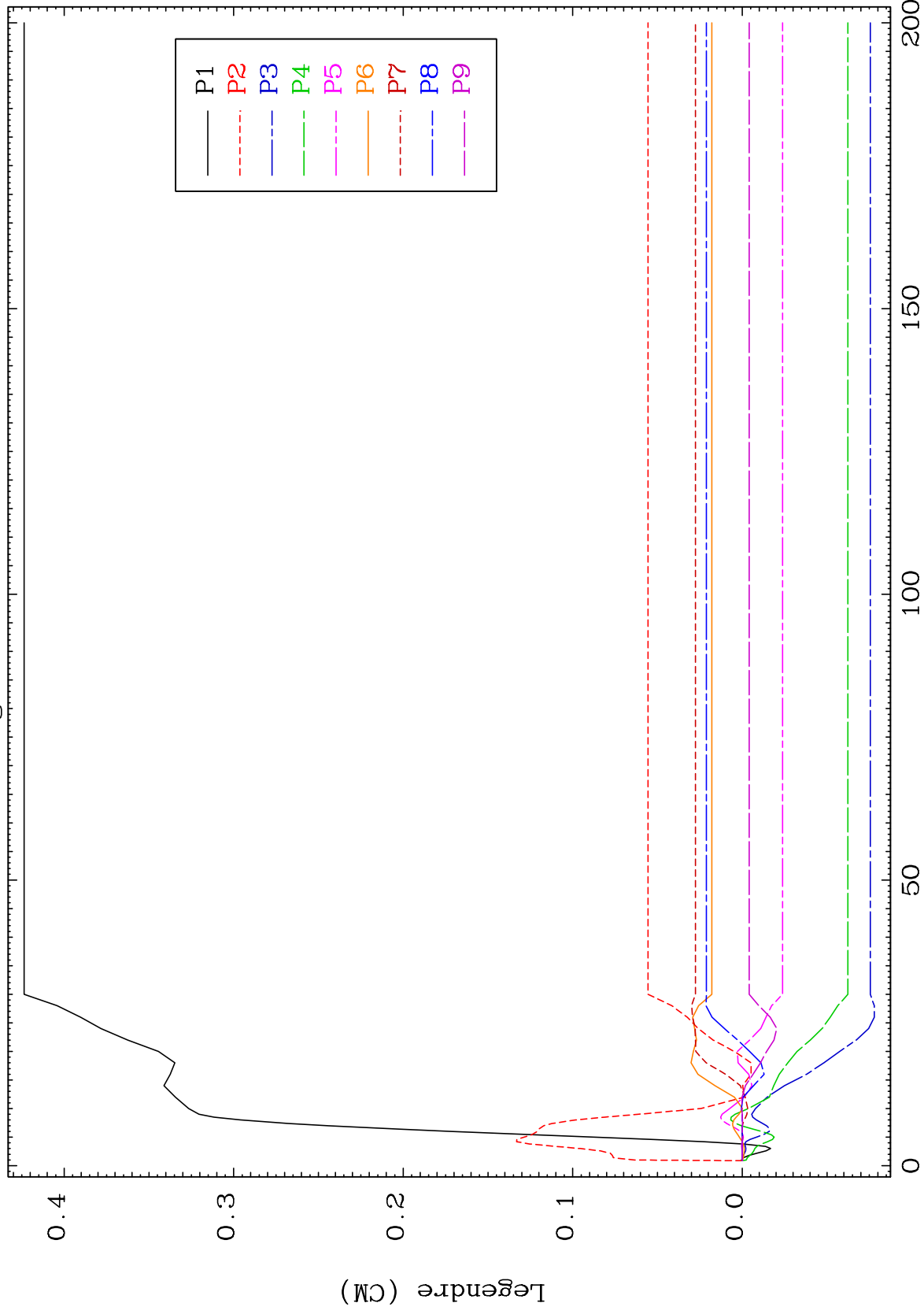
Incident Energy (MeV)

77-Ir-185

MAT 7707

869.4 keV (n,n') Level
Legendre Coefficients

77-Ir-185



118

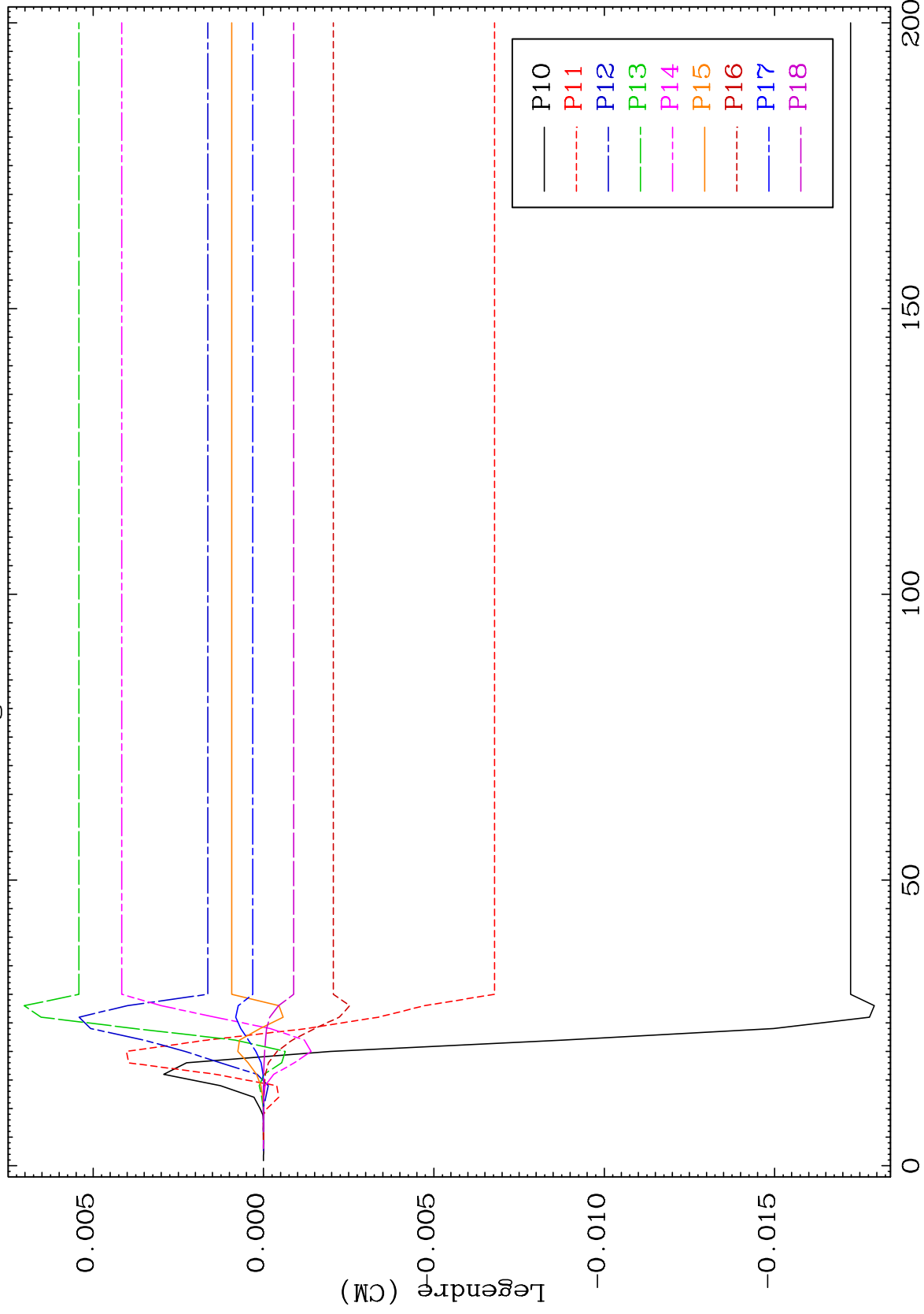
Incident Energy (MeV)

77-Ir-185

MAT 7707

869.4 keV (n,n') Level
Legendre Coefficients

77-Ir-185



119

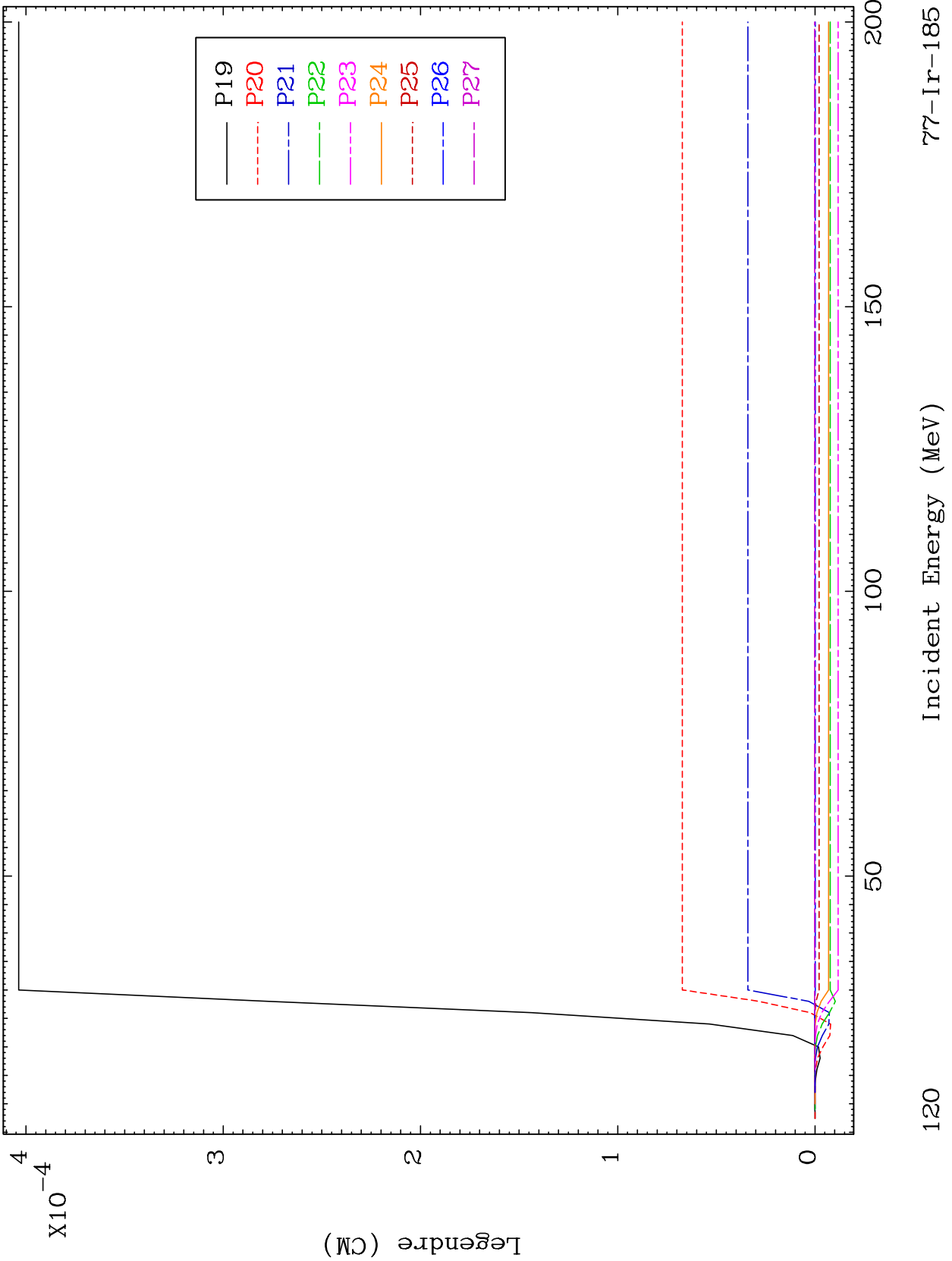
Incident Energy (MeV)

77-Ir-185

MAT 7707

869.4 keV (n,n') Level
Legendre Coefficients

77-Ir-185

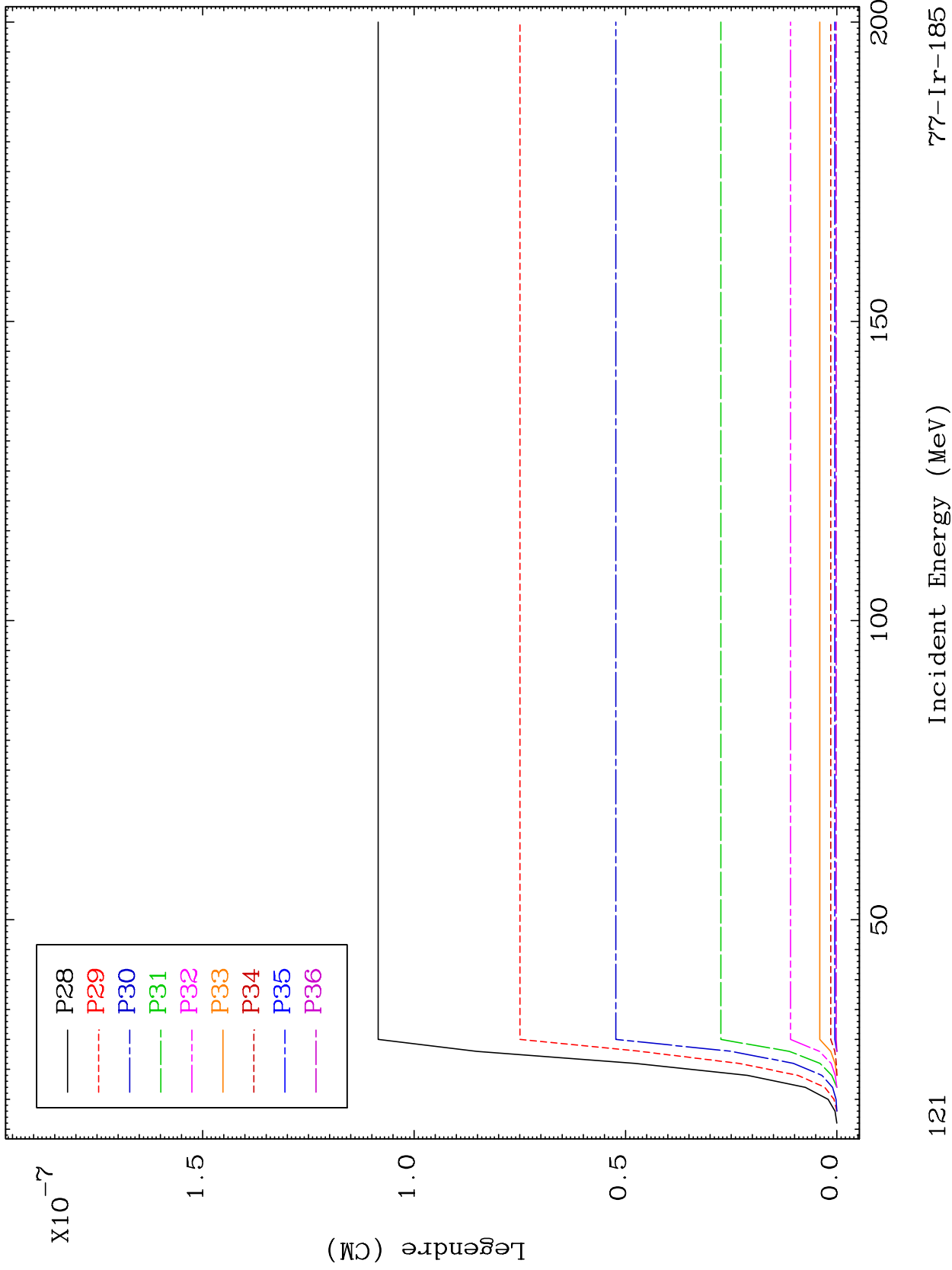


77-Ir-185

MAT 7707

869.4 keV (n,n') Level
Legendre Coefficients

77-Ir-185



121

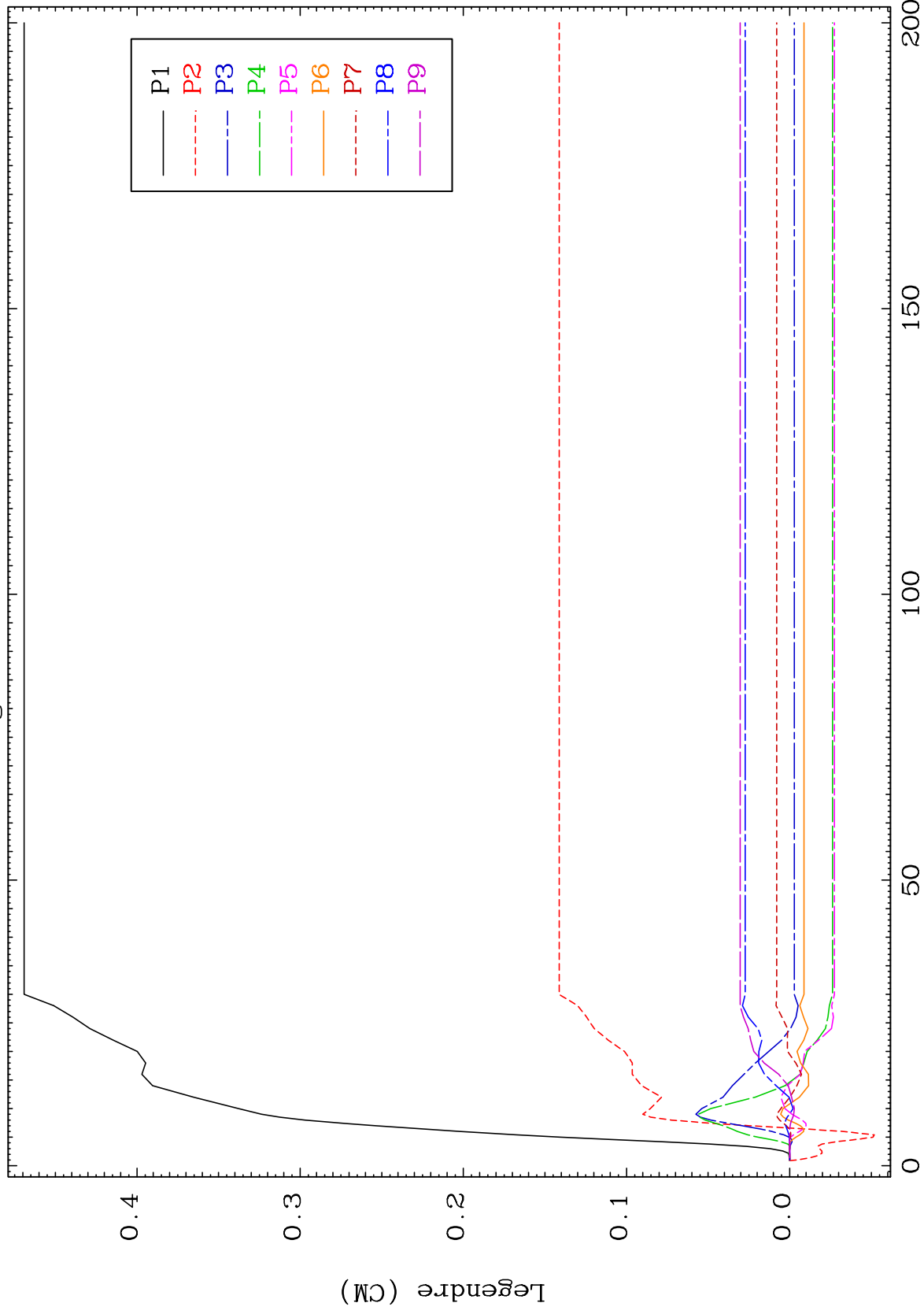
Incident Energy (MeV)

77-Ir-185

MAT 7707

876.9 keV (n,n') Level
Legendre Coefficients

77-Ir-185



Incident Energy (MeV)

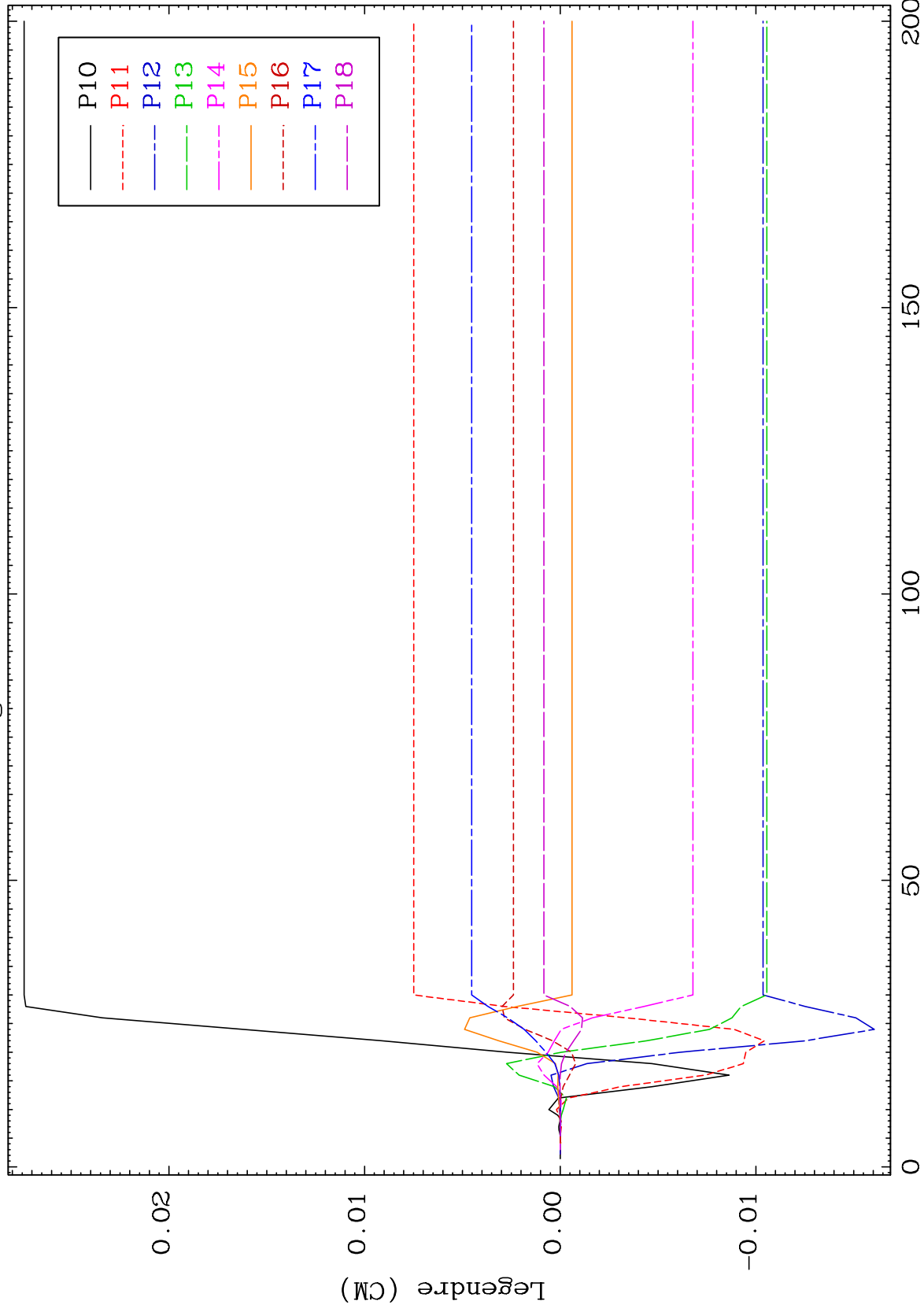
77-Ir-185

122

MAT 7707

876.9 keV (n,n') Level
Legendre Coefficients

77-Ir-185



123

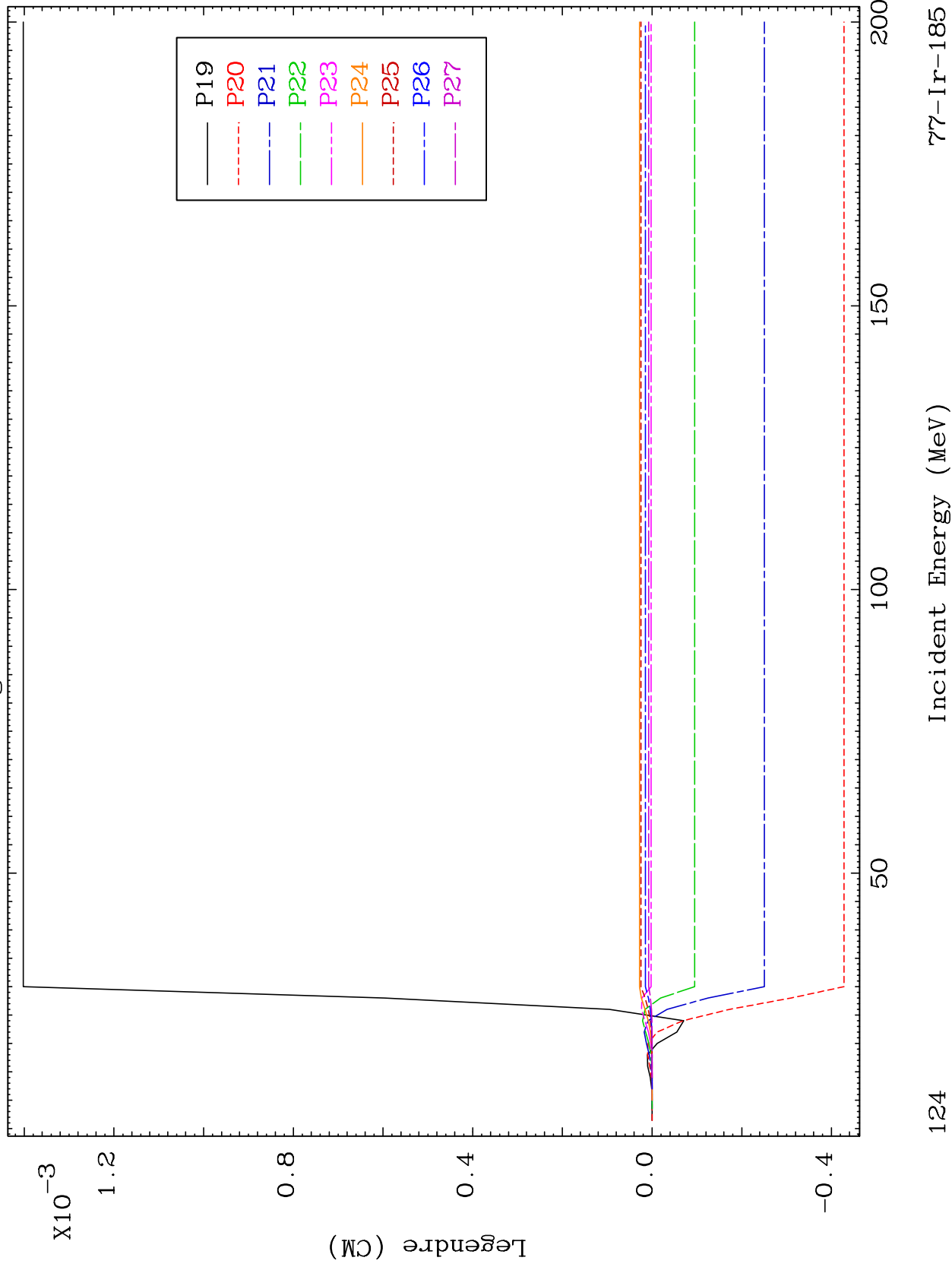
Incident Energy (MeV)

77-Ir-185

MAT 7707

876.9 keV (n,n') Level
Legendre Coefficients

77-Ir-185



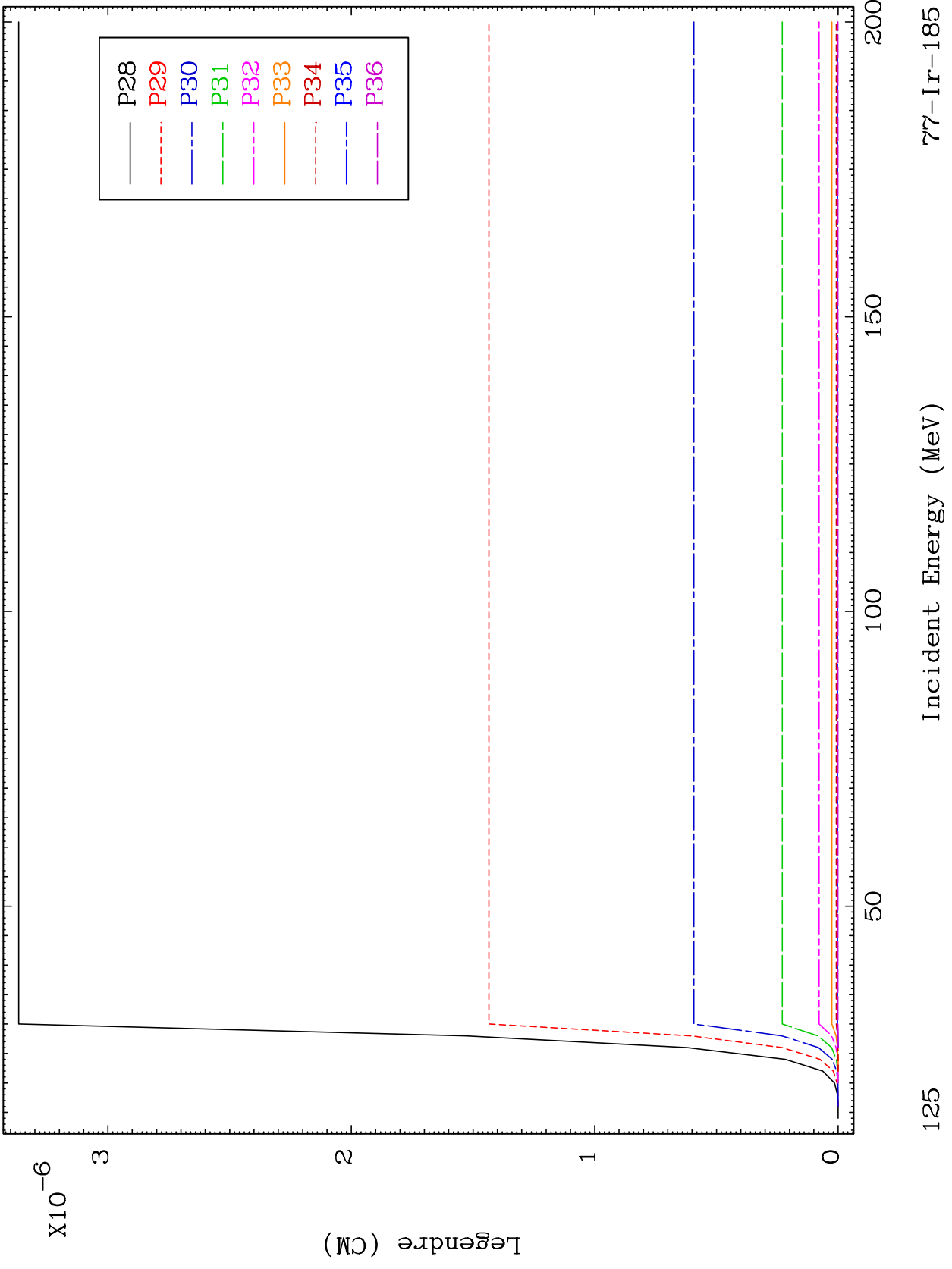
124

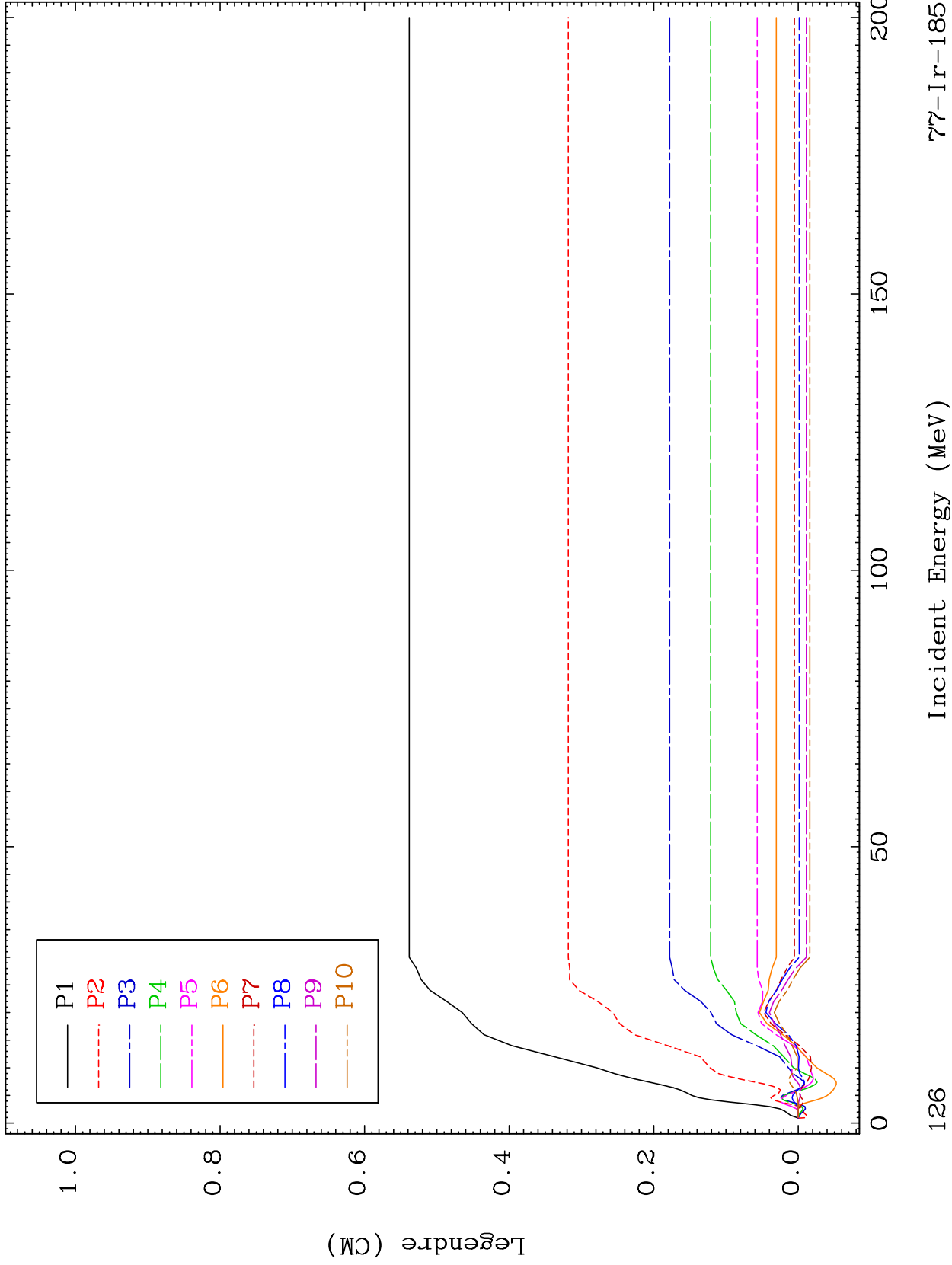
77-Ir-185

MAT 7707

876.9 keV (n,n') Level
Legendre Coefficients

77-Ir-185

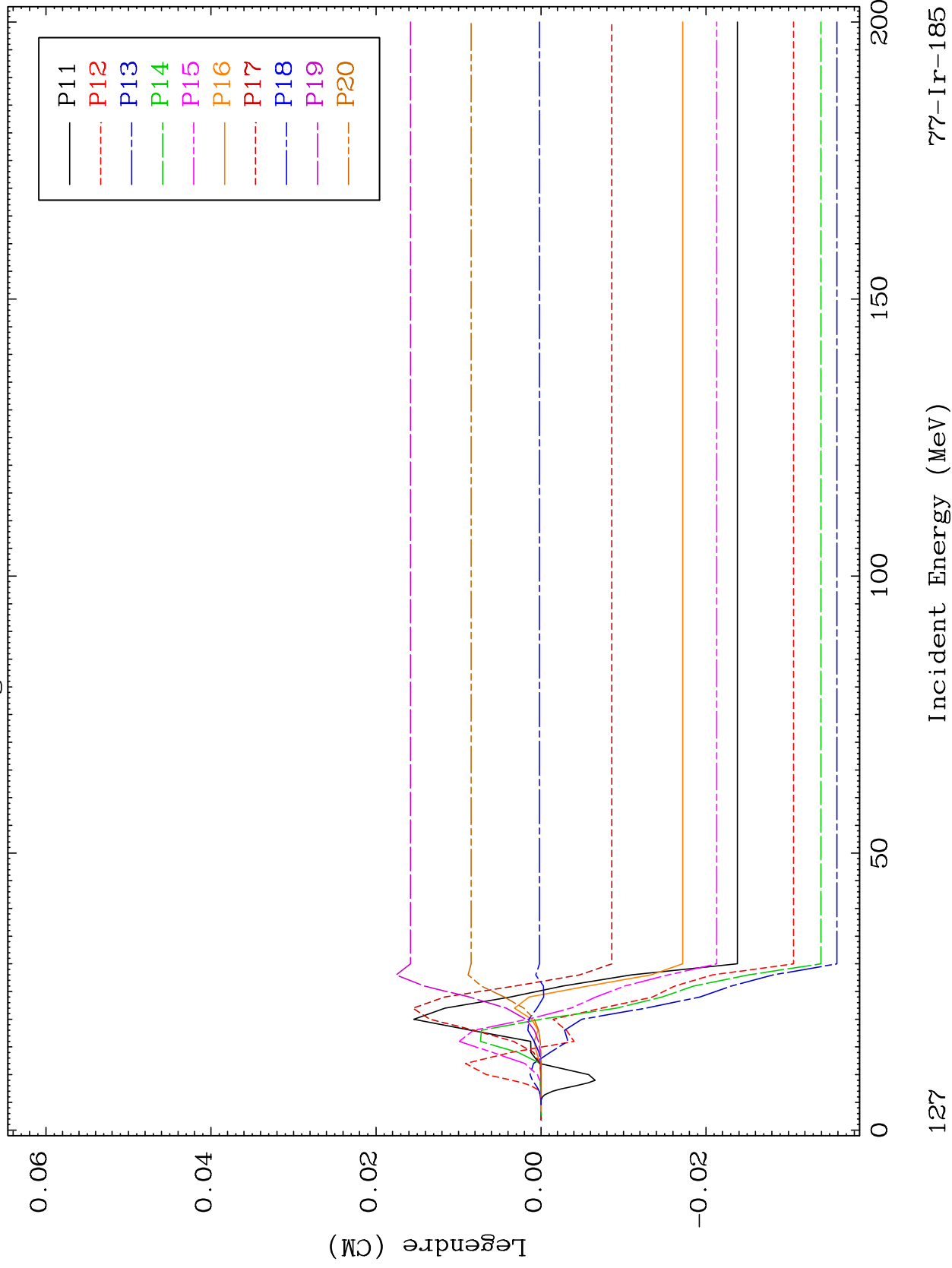




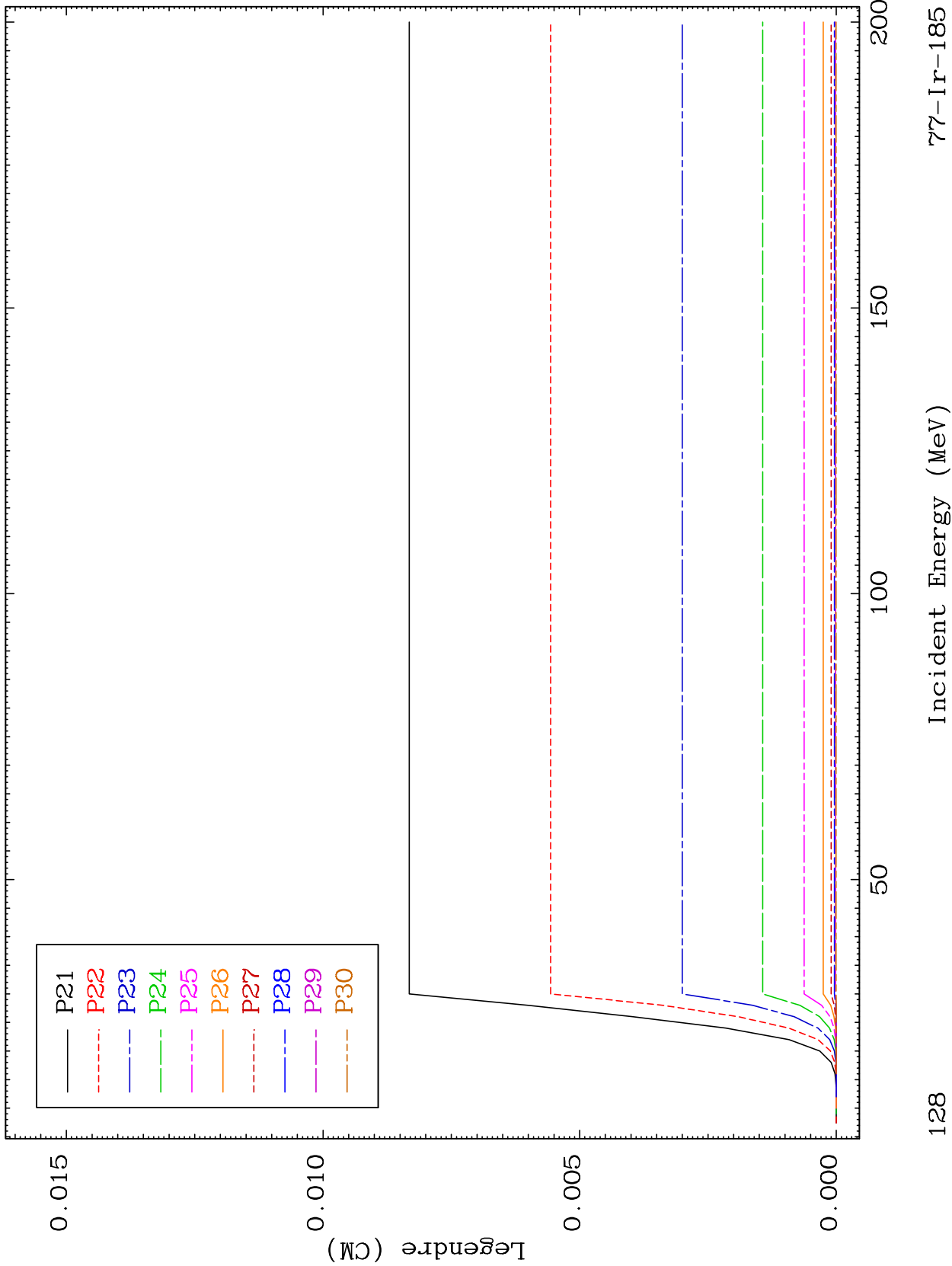
MAT 7707

881.1 keV (n,n') Level
Legendre Coefficients

77-Ir-185



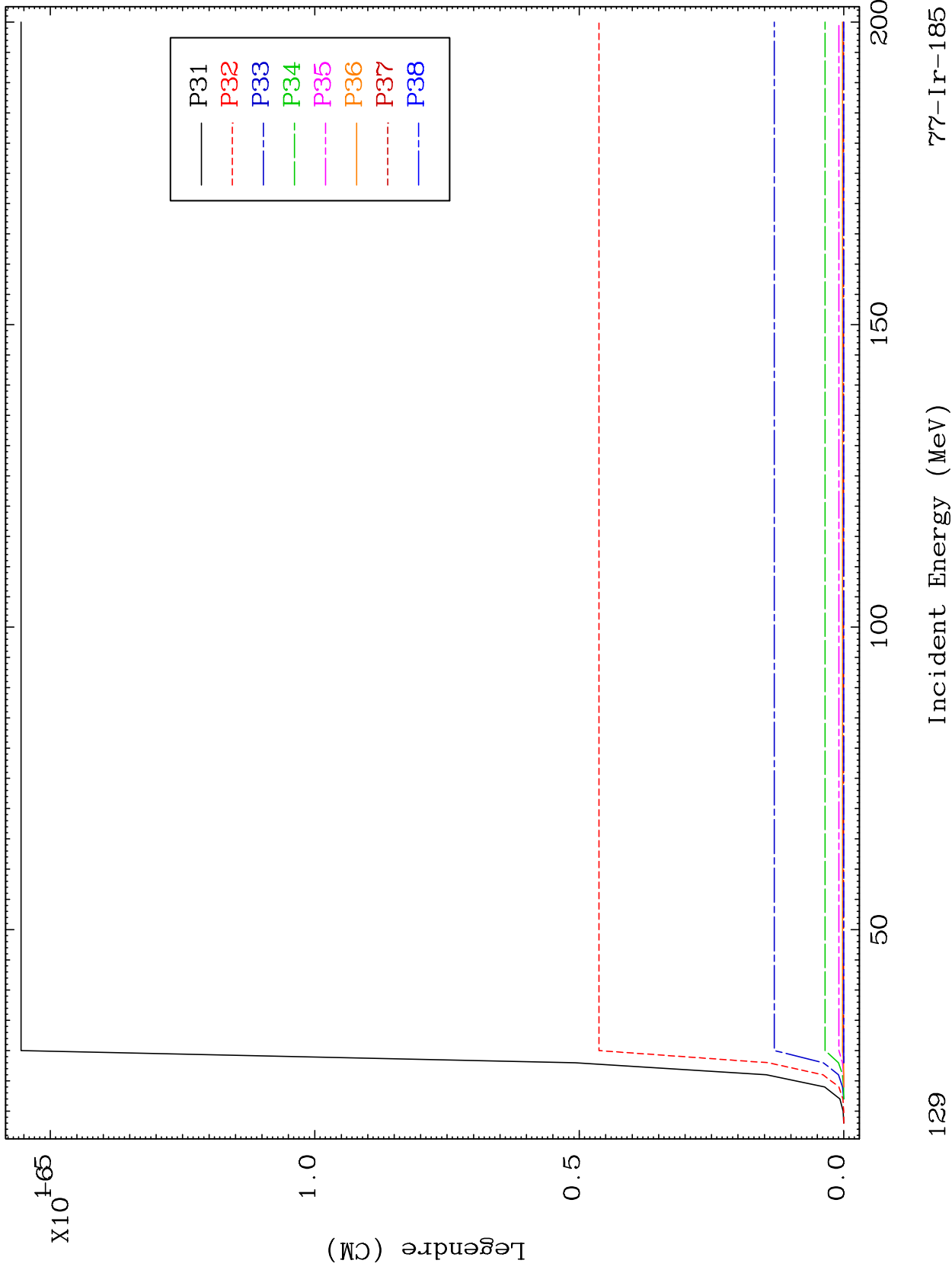
127



MAT 7707

881.1 keV (n,n') Level
Legendre Coefficients

77-Ir-185

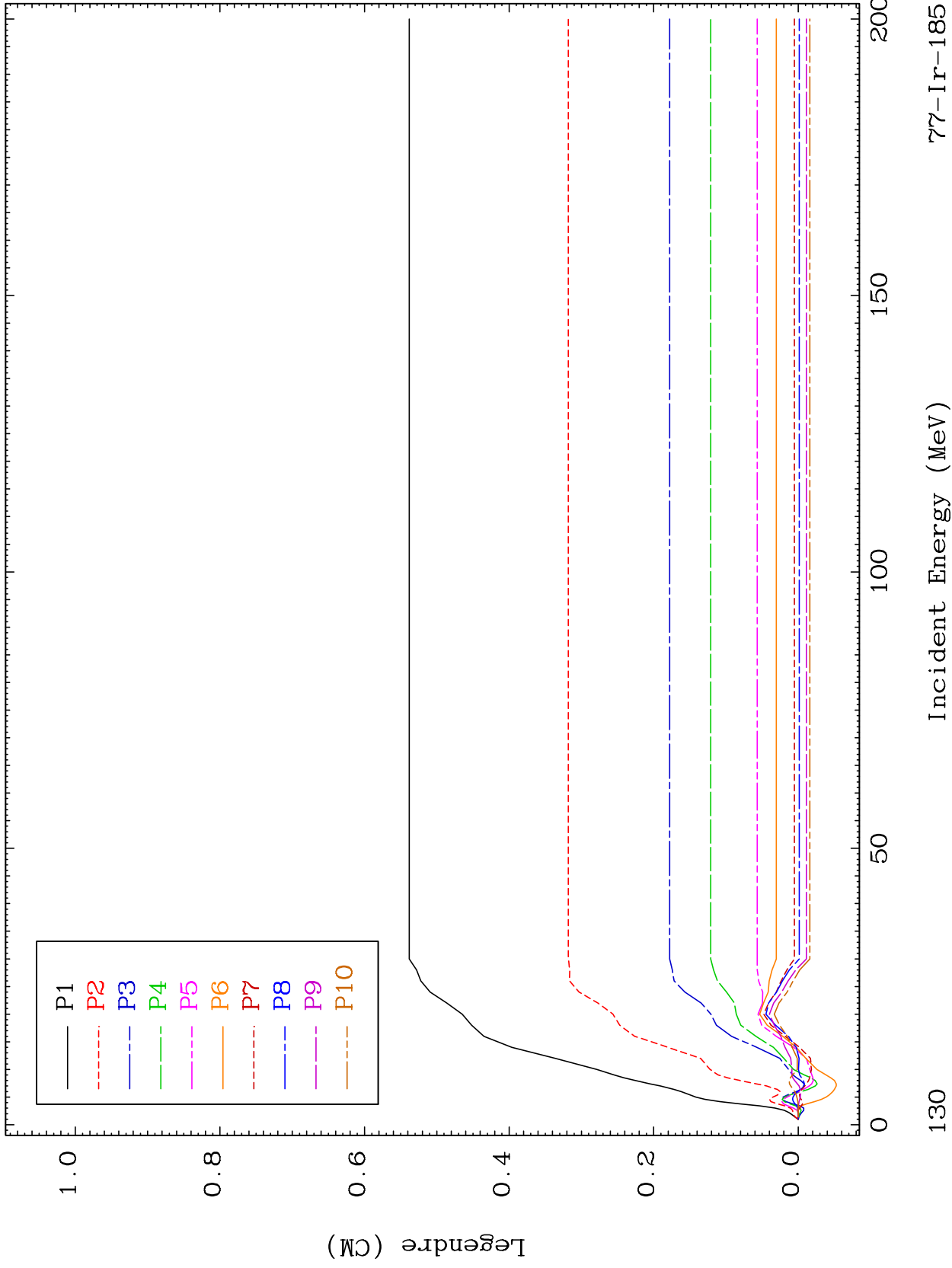


129

MAT 7707

899.7 keV (n,n') Level
Legendre Coefficients

77-Ir-185



77-Ir-185

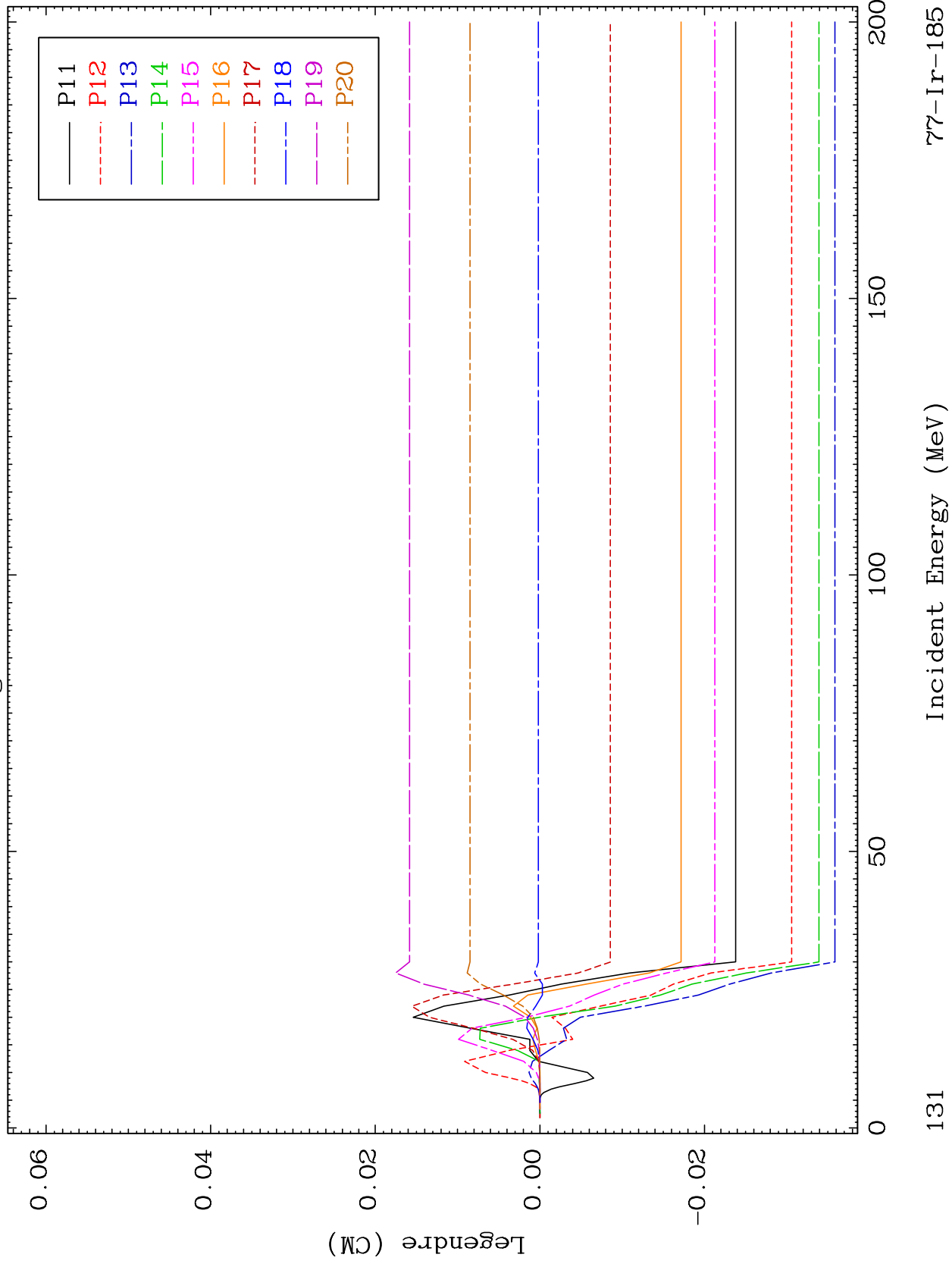
Incident Energy (MeV)

130

MAT 7707

899.7 keV (n,n') Level
Legendre Coefficients

77-Ir-185



131

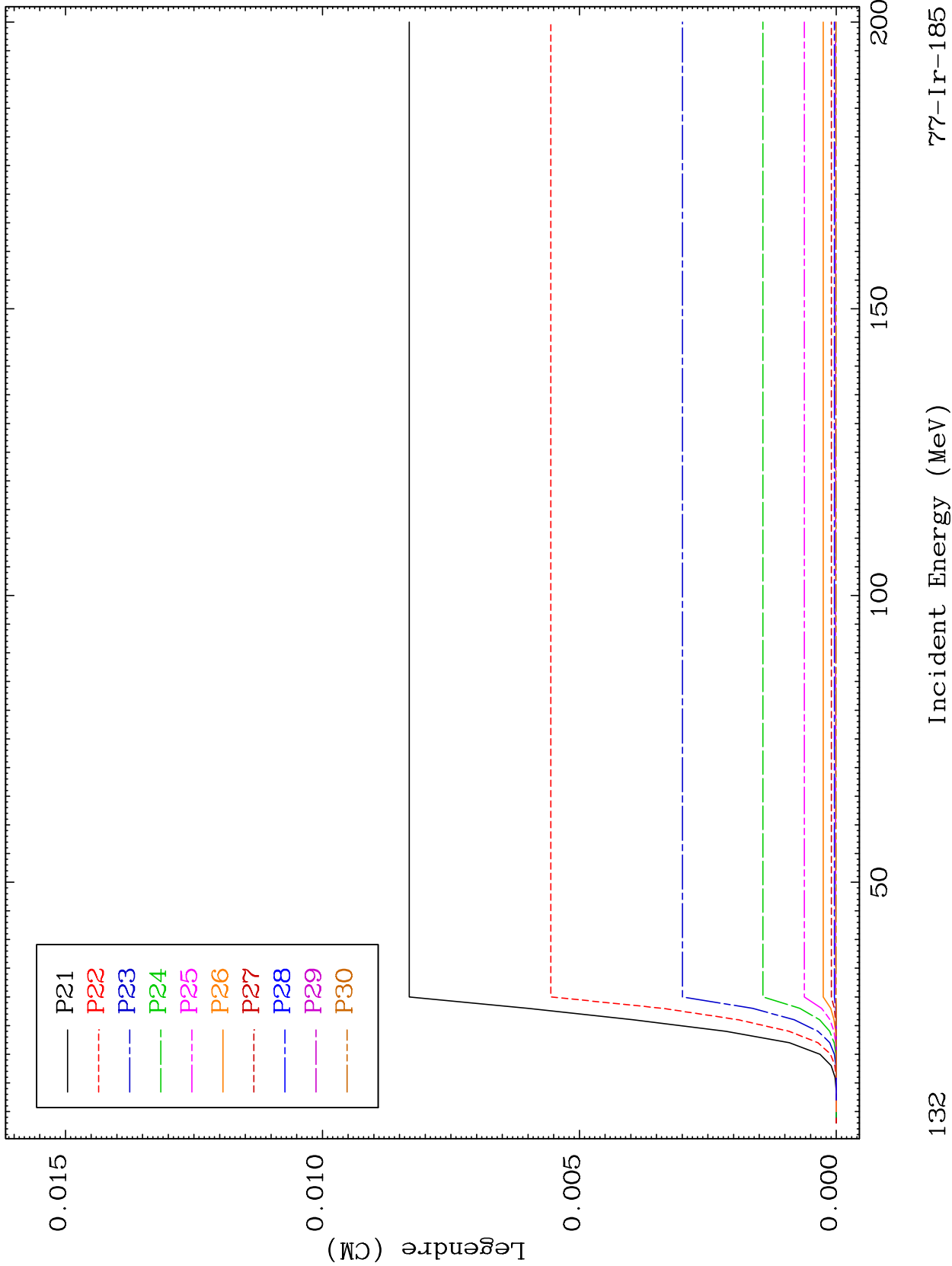
Incident Energy (MeV)

77-Ir-185

MAT 7707

899.7 keV (n,n') Level
Legendre Coefficients

77-Ir-185



132

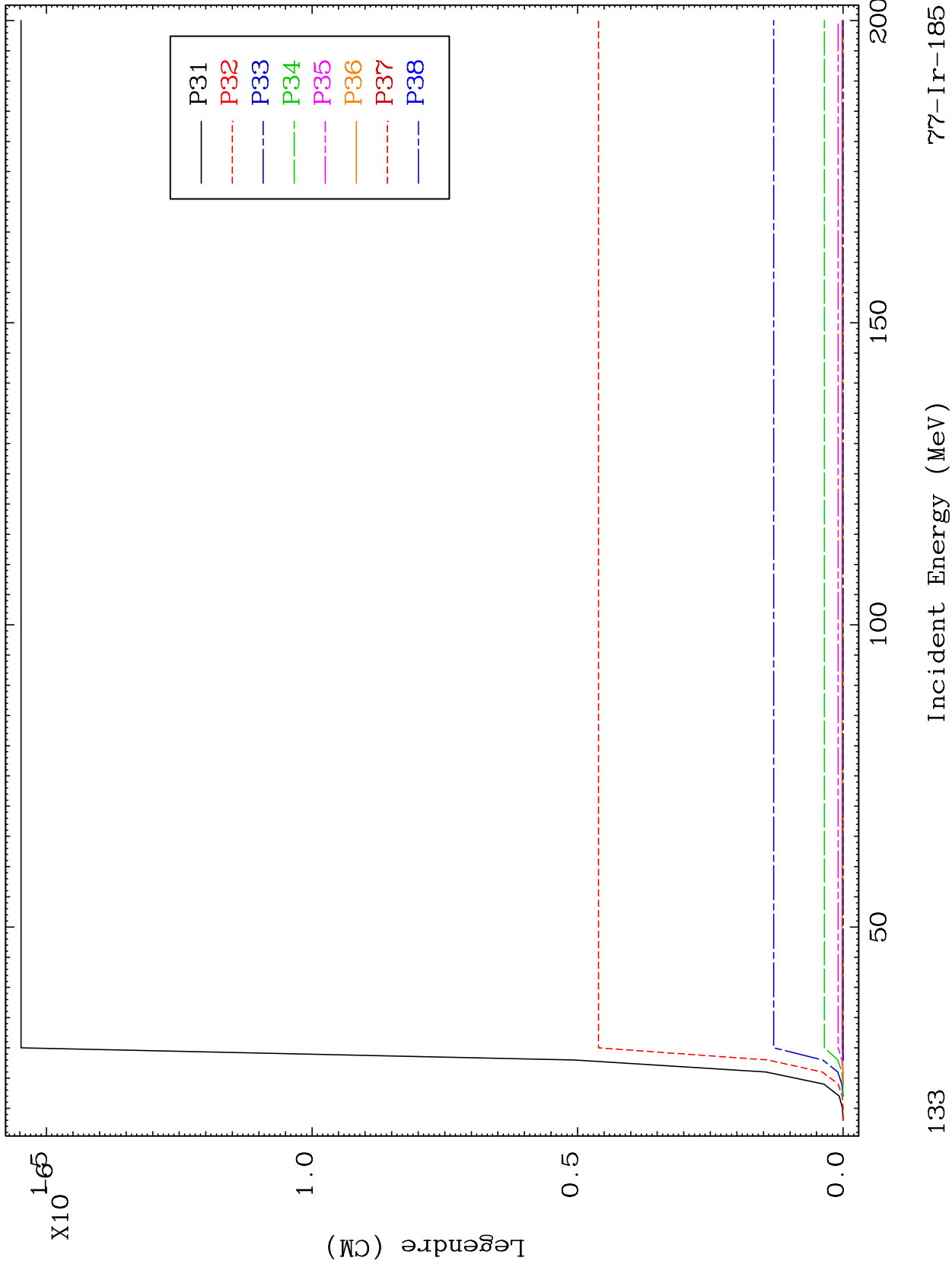
Incident Energy (MeV)

77-Ir-185

MAT 7707

899.7 keV (n,n') Level
Legendre Coefficients

77-Ir-185

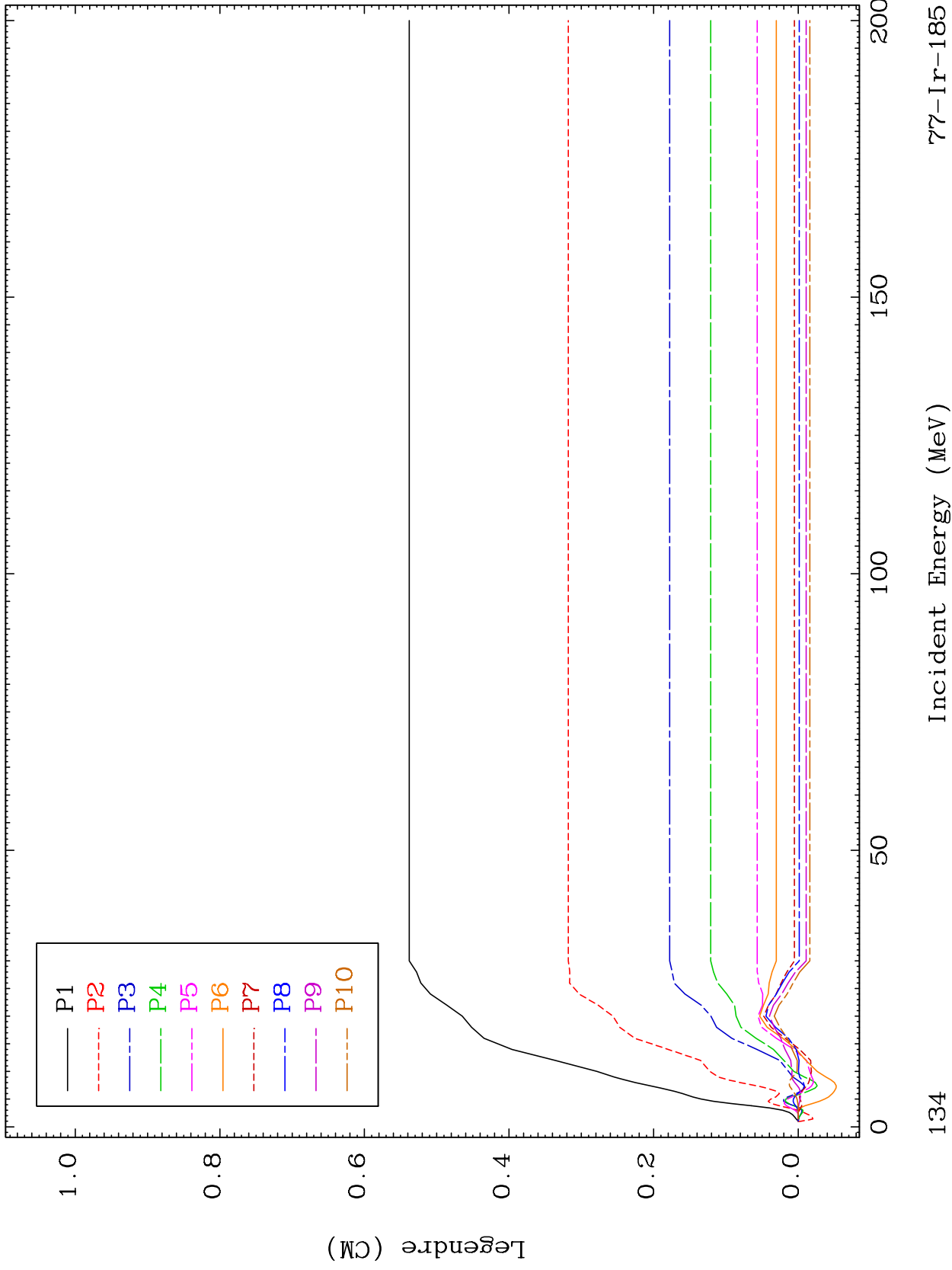


133

MAT 7707

922.6 keV (n,n') Level
Legendre Coefficients

77-Ir-185



134

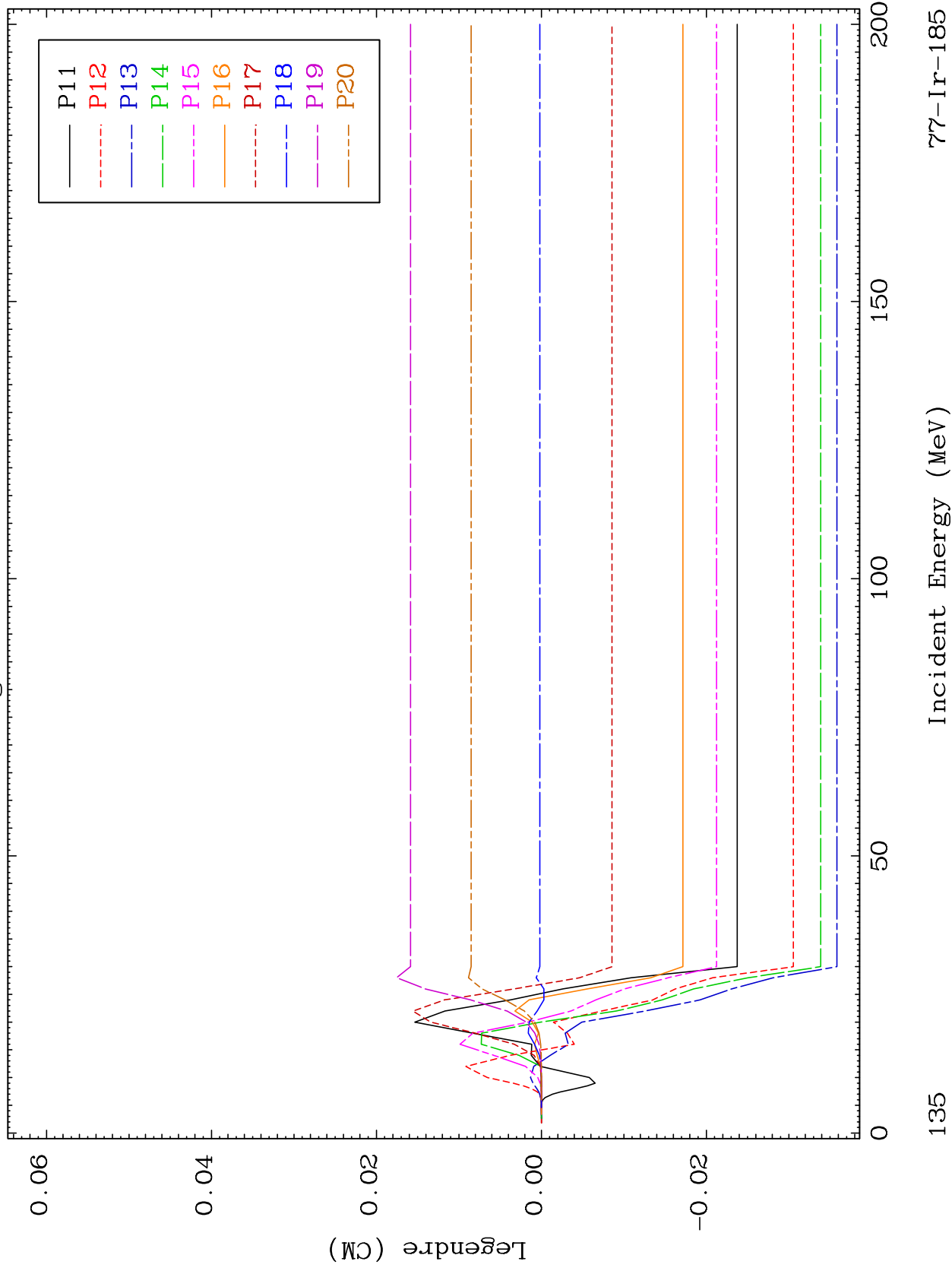
Incident Energy (MeV)

77-Ir-185

MAT 7707

922.6 keV (n,n') Level
Legendre Coefficients

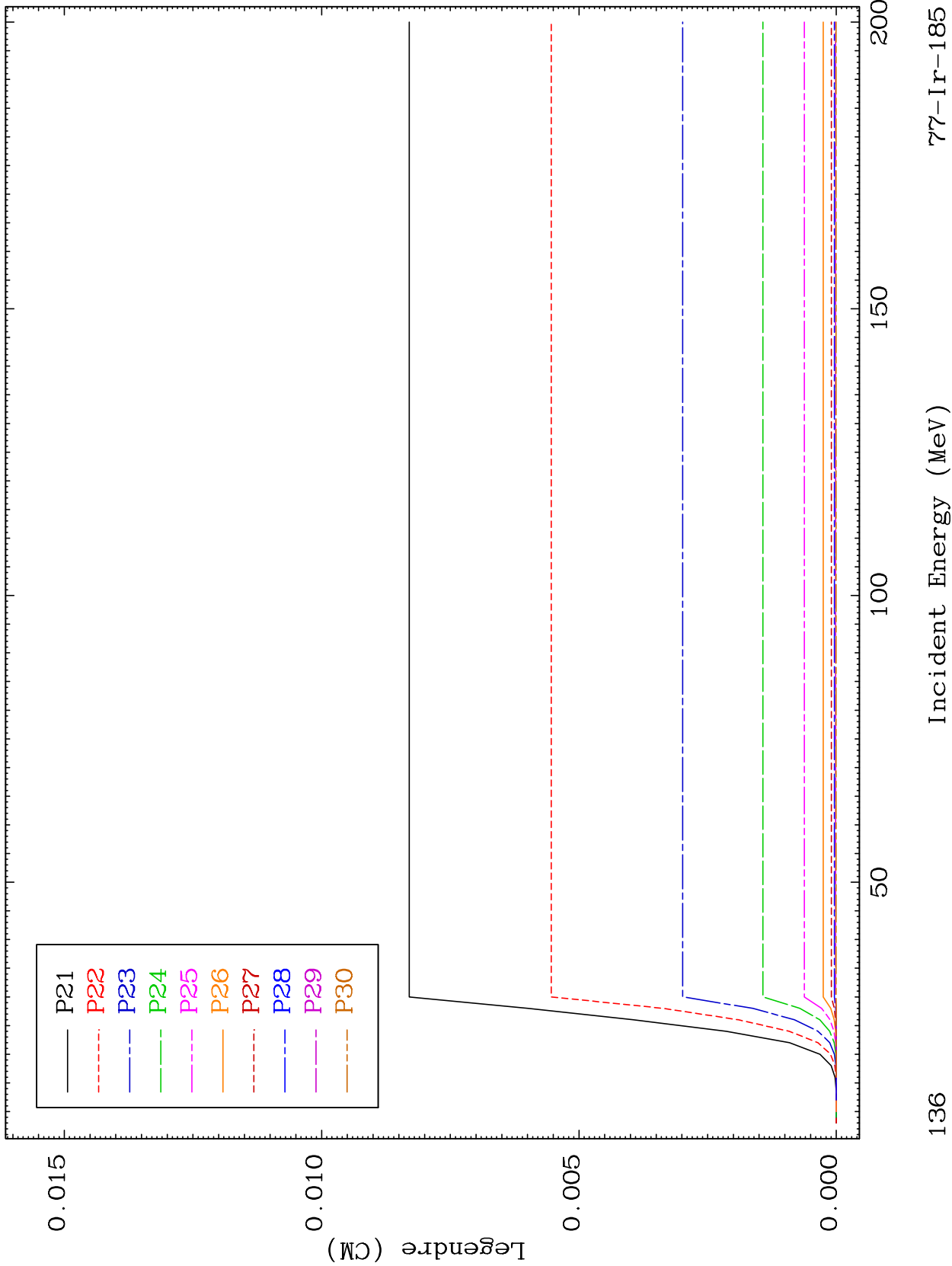
77-Ir-185



77-Ir-185

Incident Energy (MeV)

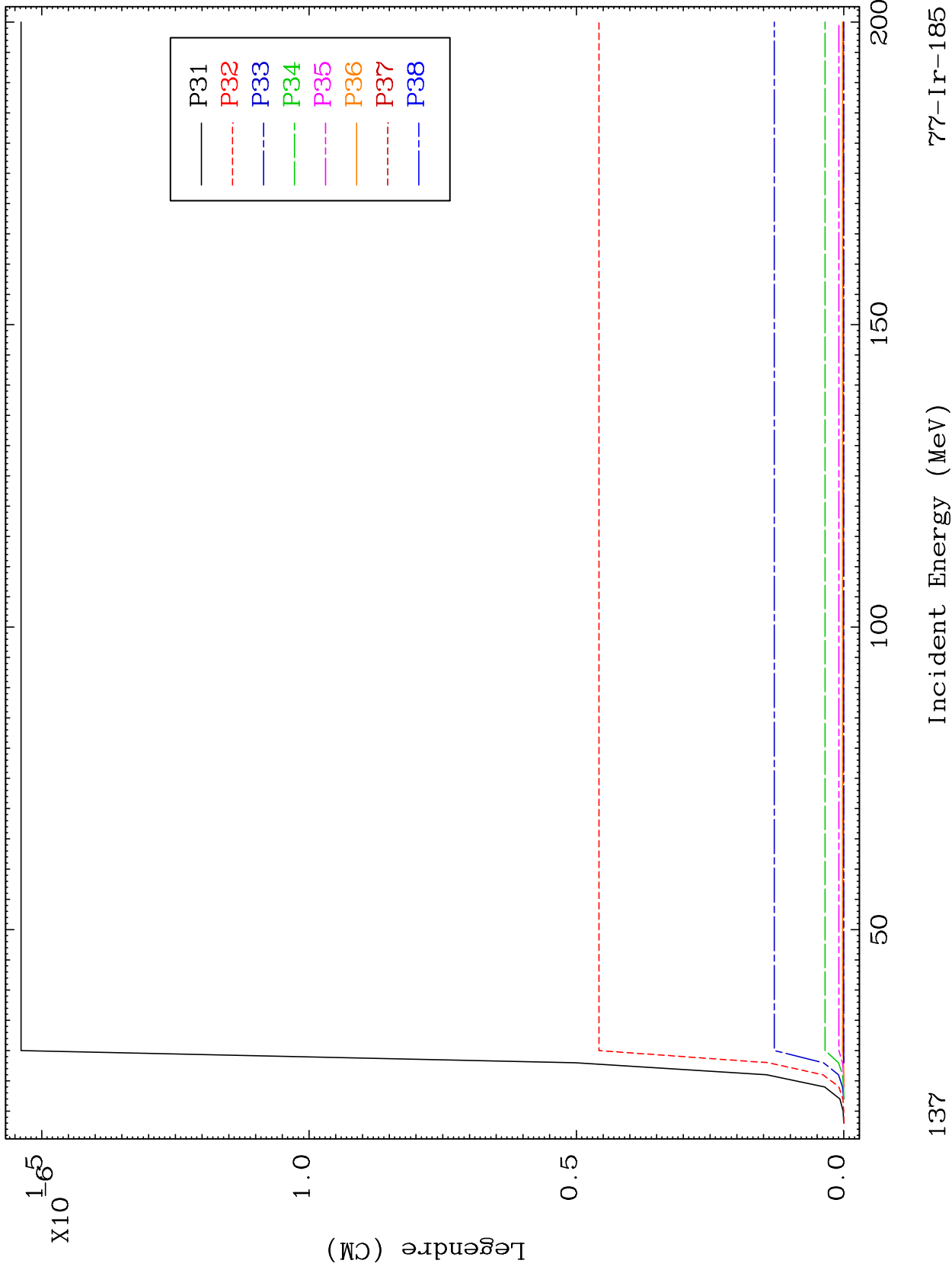
135



MAT 7707

922.6 keV (n,n') Level
Legendre Coefficients

77-Ir-185



137

Incident Energy (MeV)

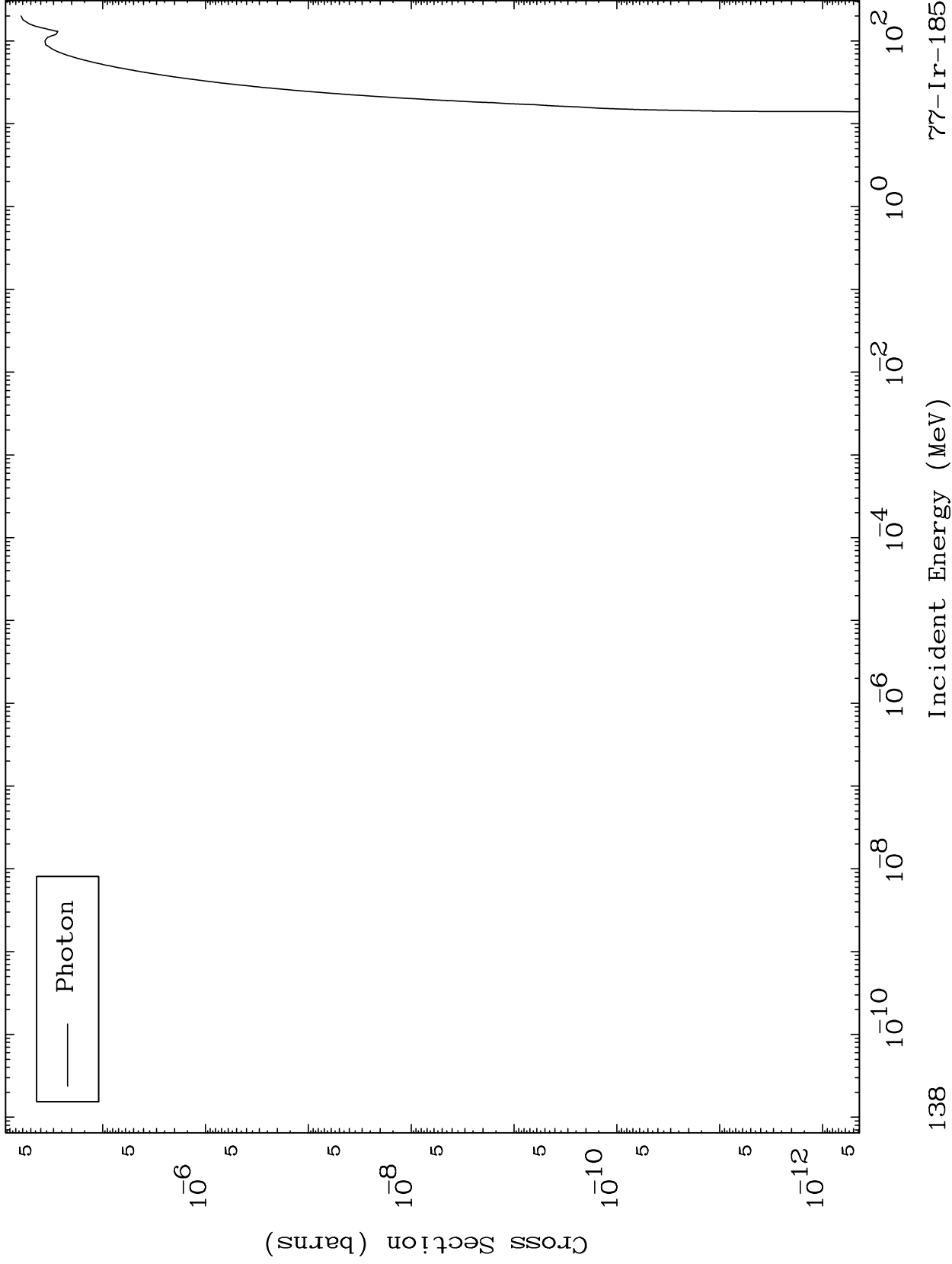
77-Ir-185

MAT 7707

Fission

⁷⁷Ir-185

Radionuclide Production Cross Section

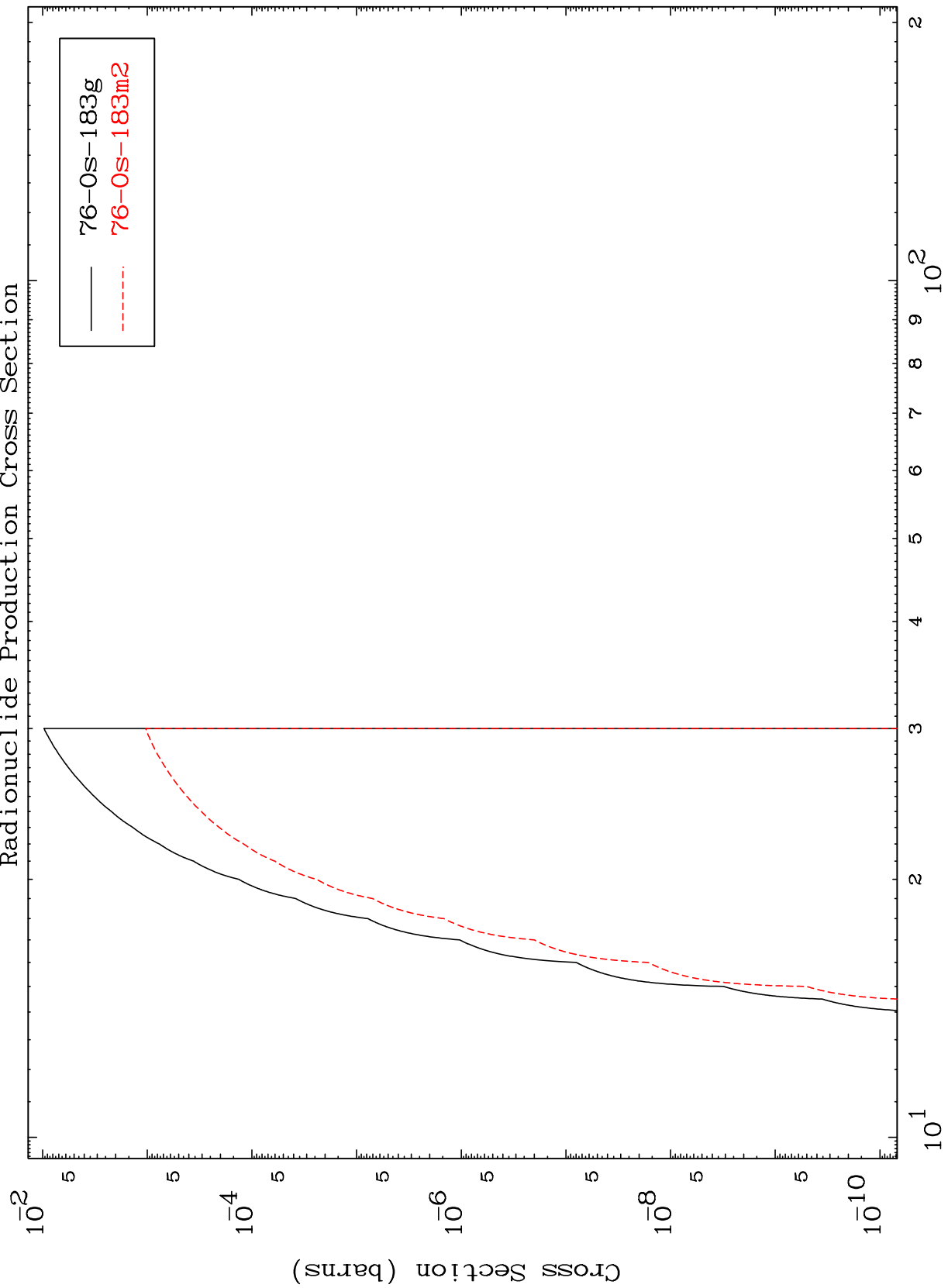


MAT 7707

(n,n') d

77-Ir-185

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-185

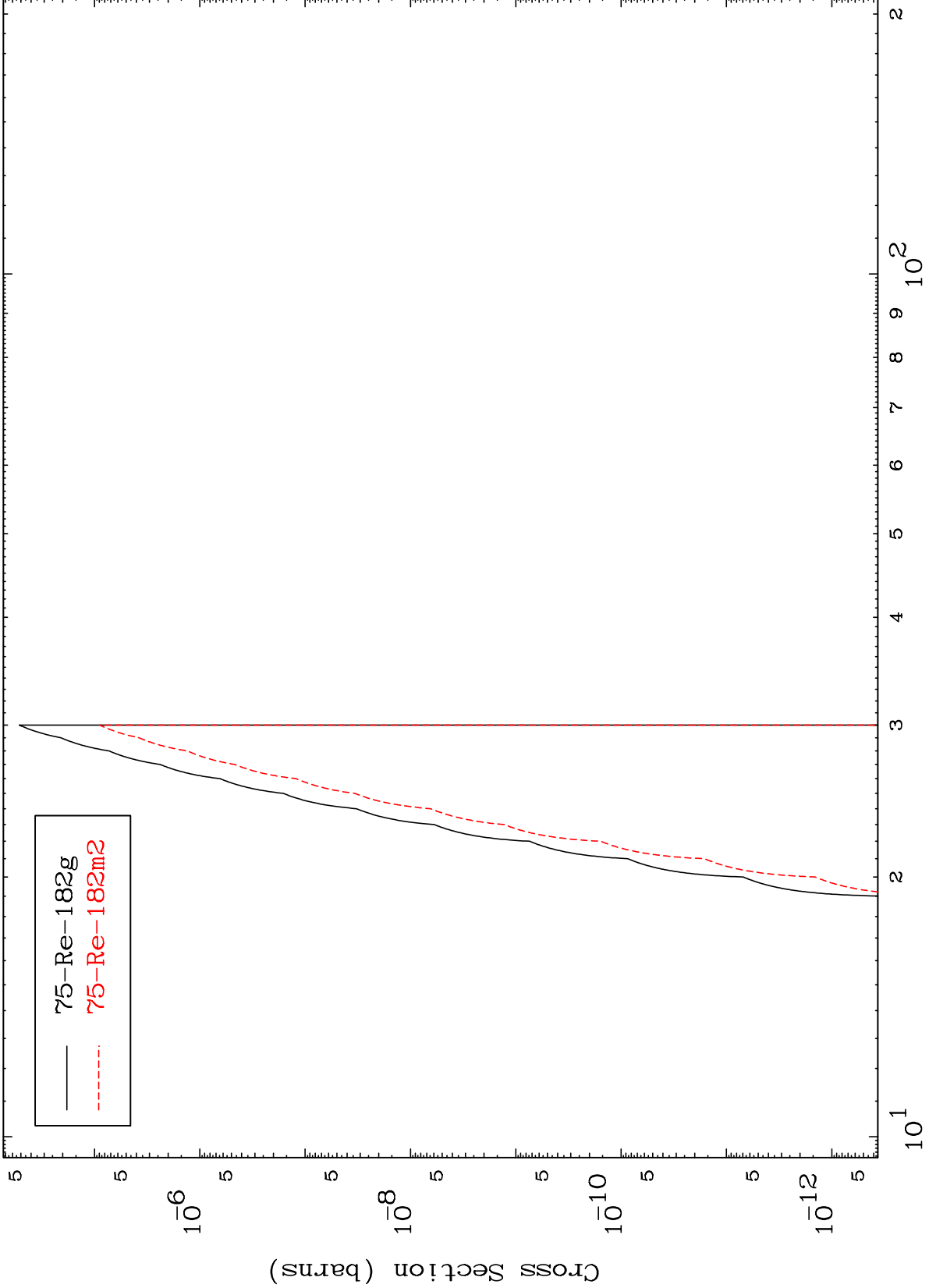
139

MAT 7707

(n,n') He-3

77-Ir-185

Radionuclide Production Cross Section

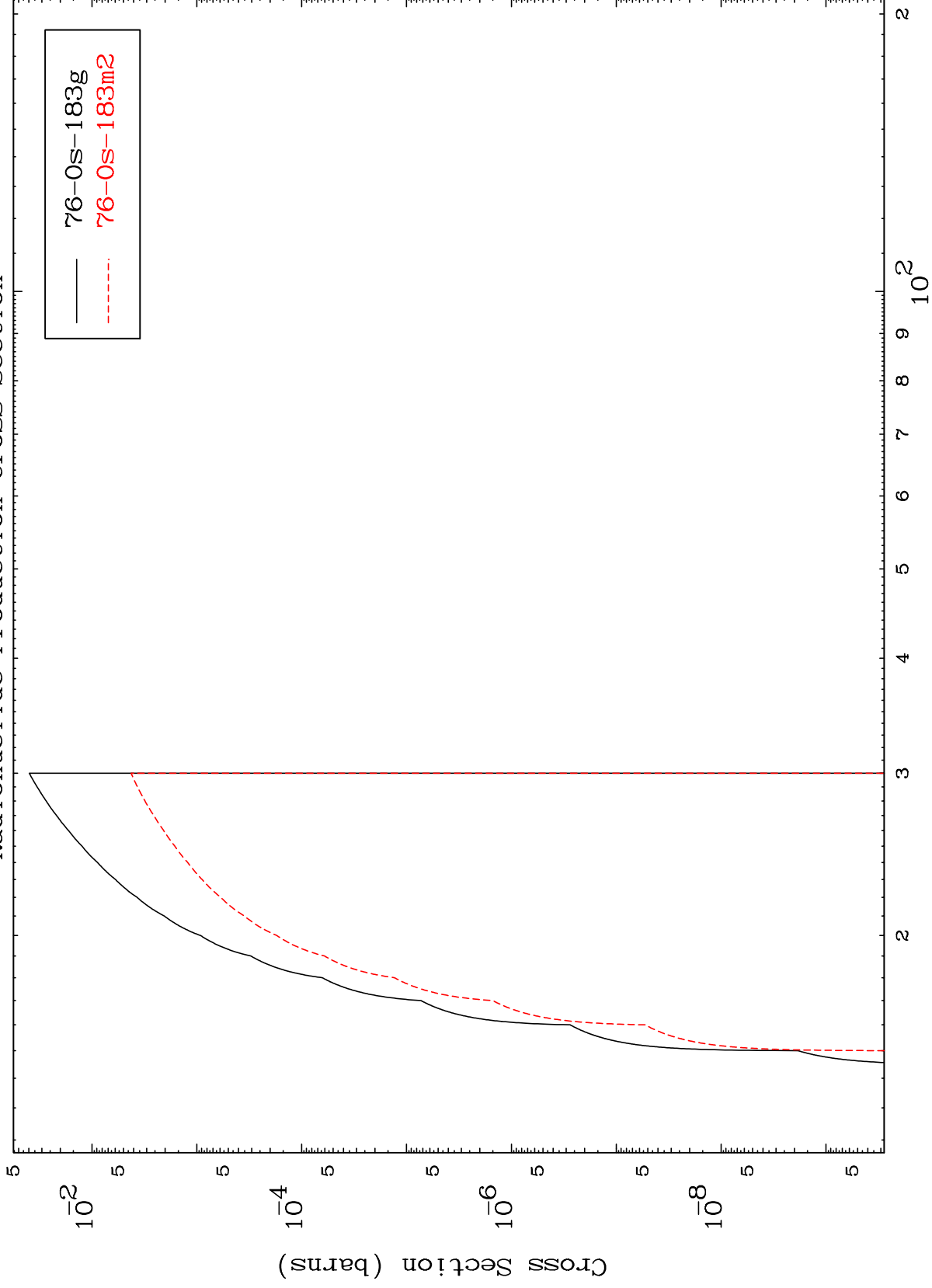


Incident Energy (MeV)

77-Ir-185

140

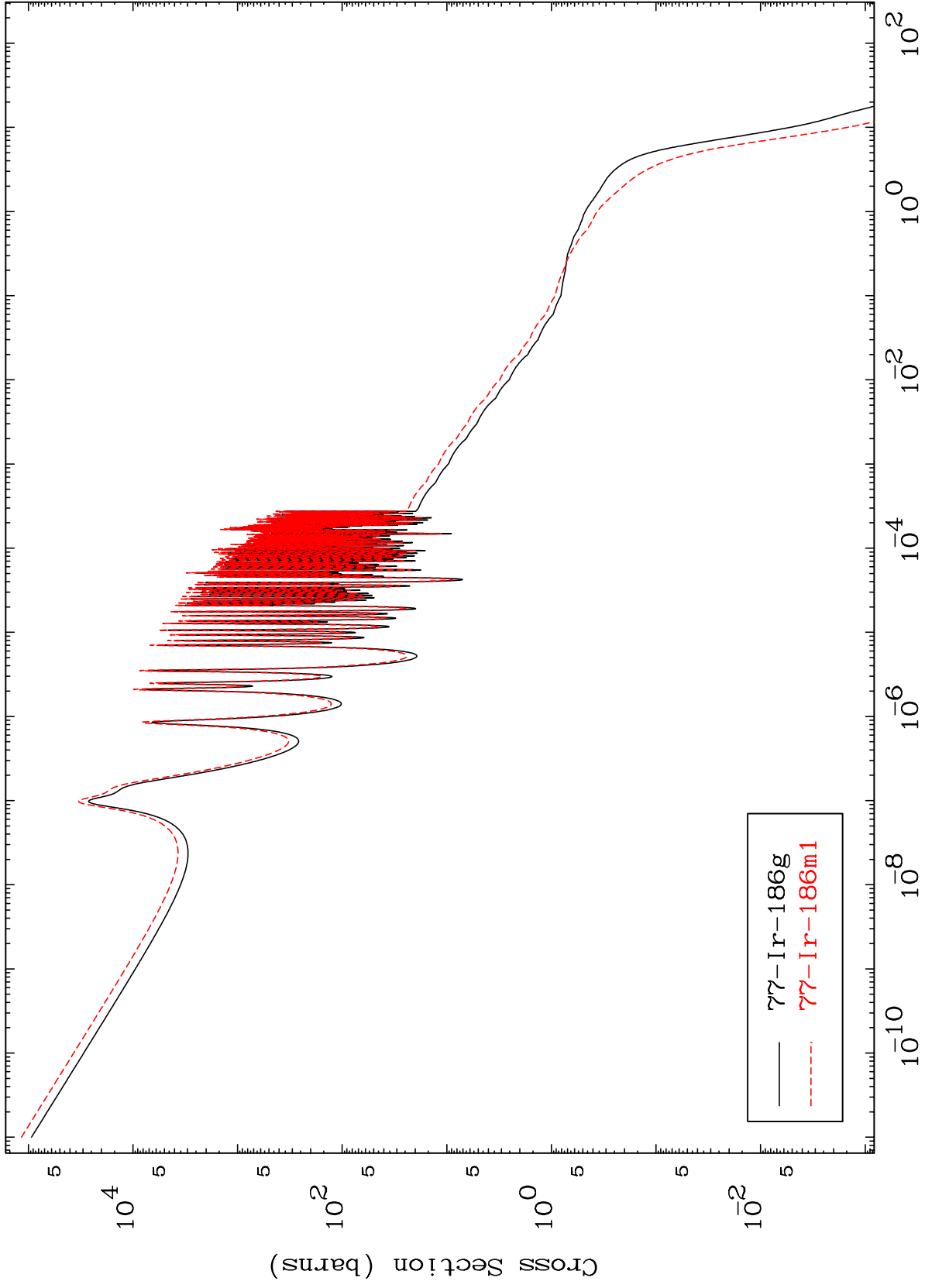
Radionuclide Production Cross Section



MAT 7707

⁷⁷Ir-185

^(n,γ)
Radionuclide Production Cross Section



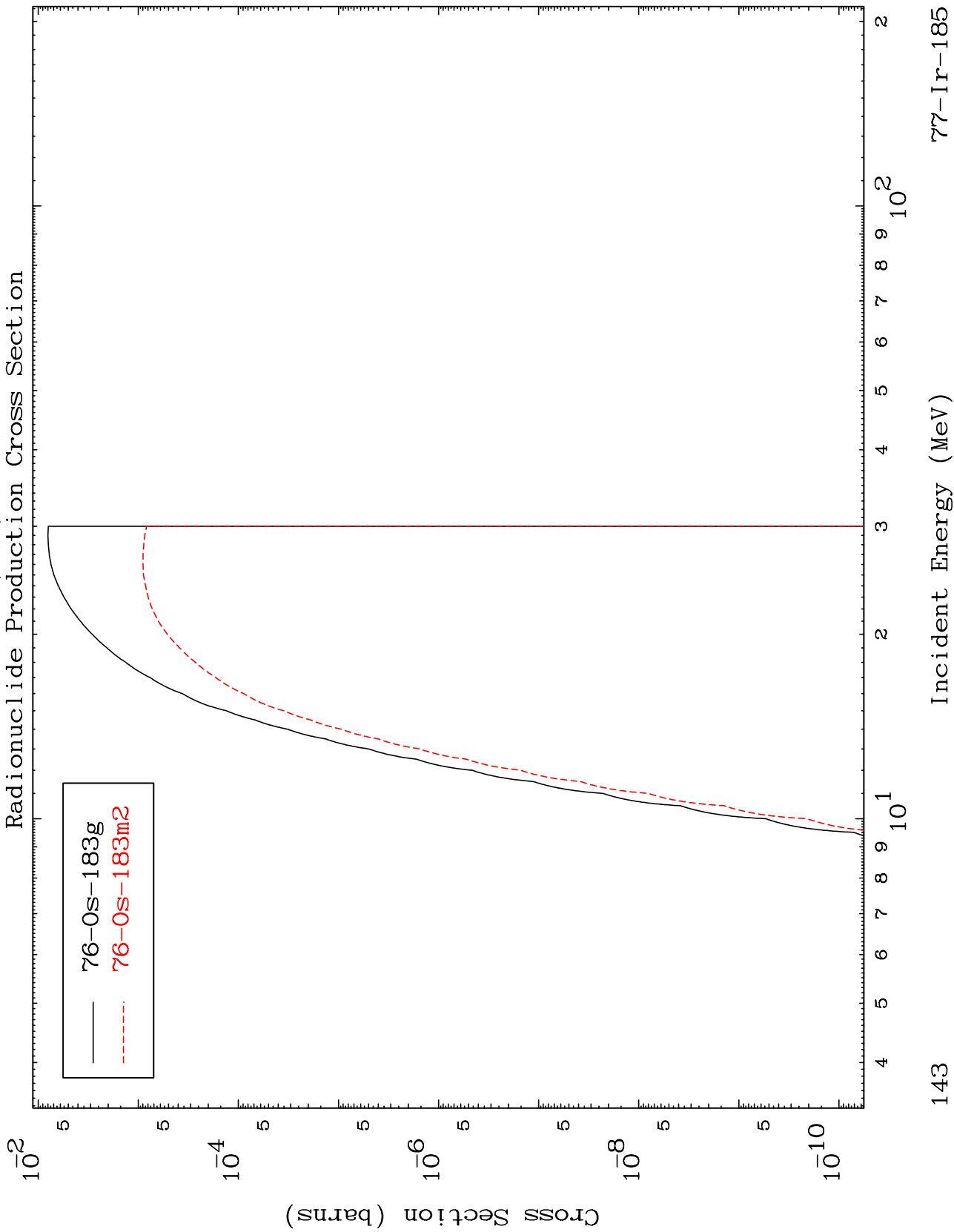
⁷⁷Ir-185

Incident Energy (MeV)

142

MAT 7707

77-Ir-185

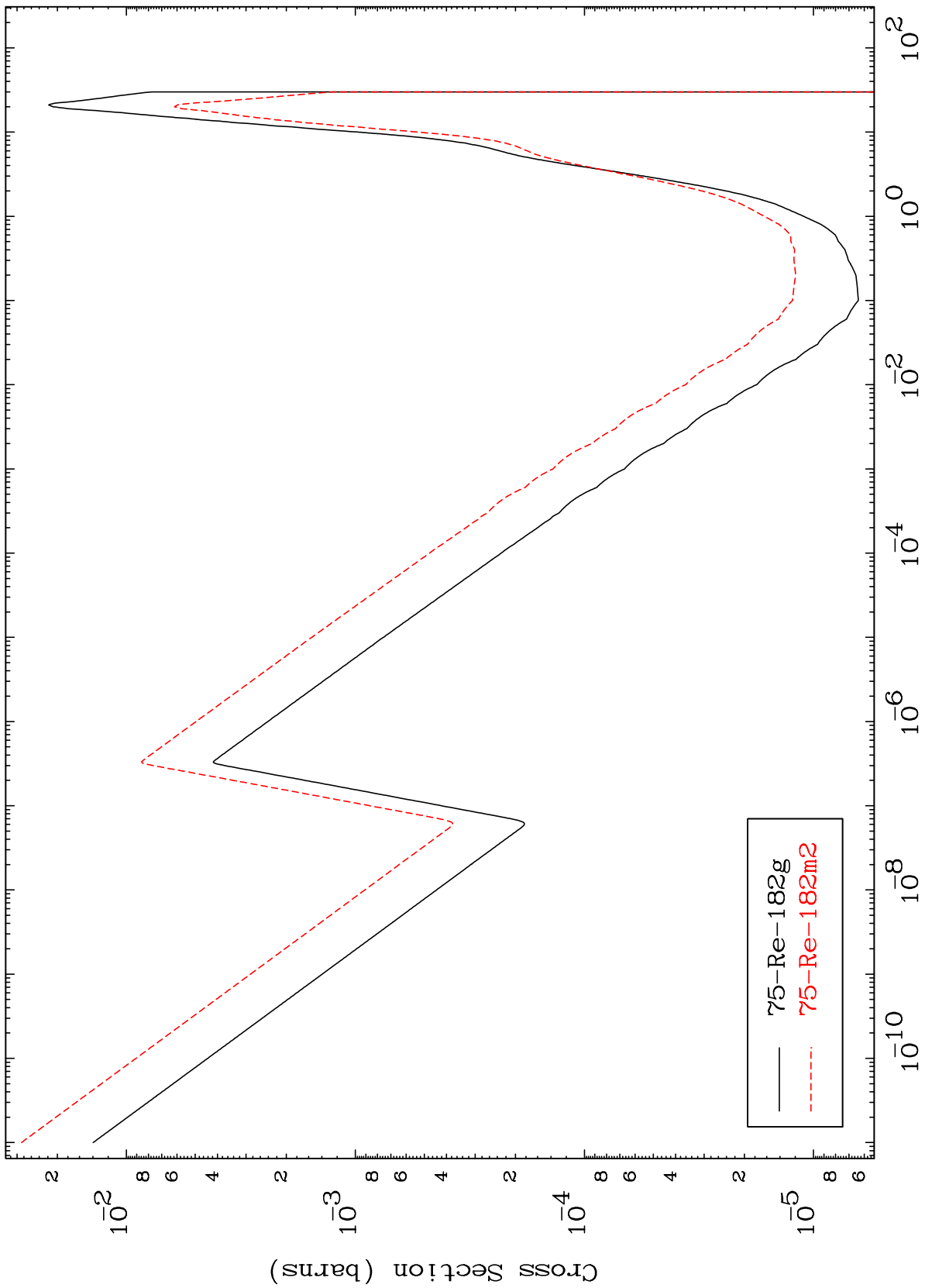


MAT 7707

77-Ir-185

Radionuclide Production Cross Section

(n, α)



144

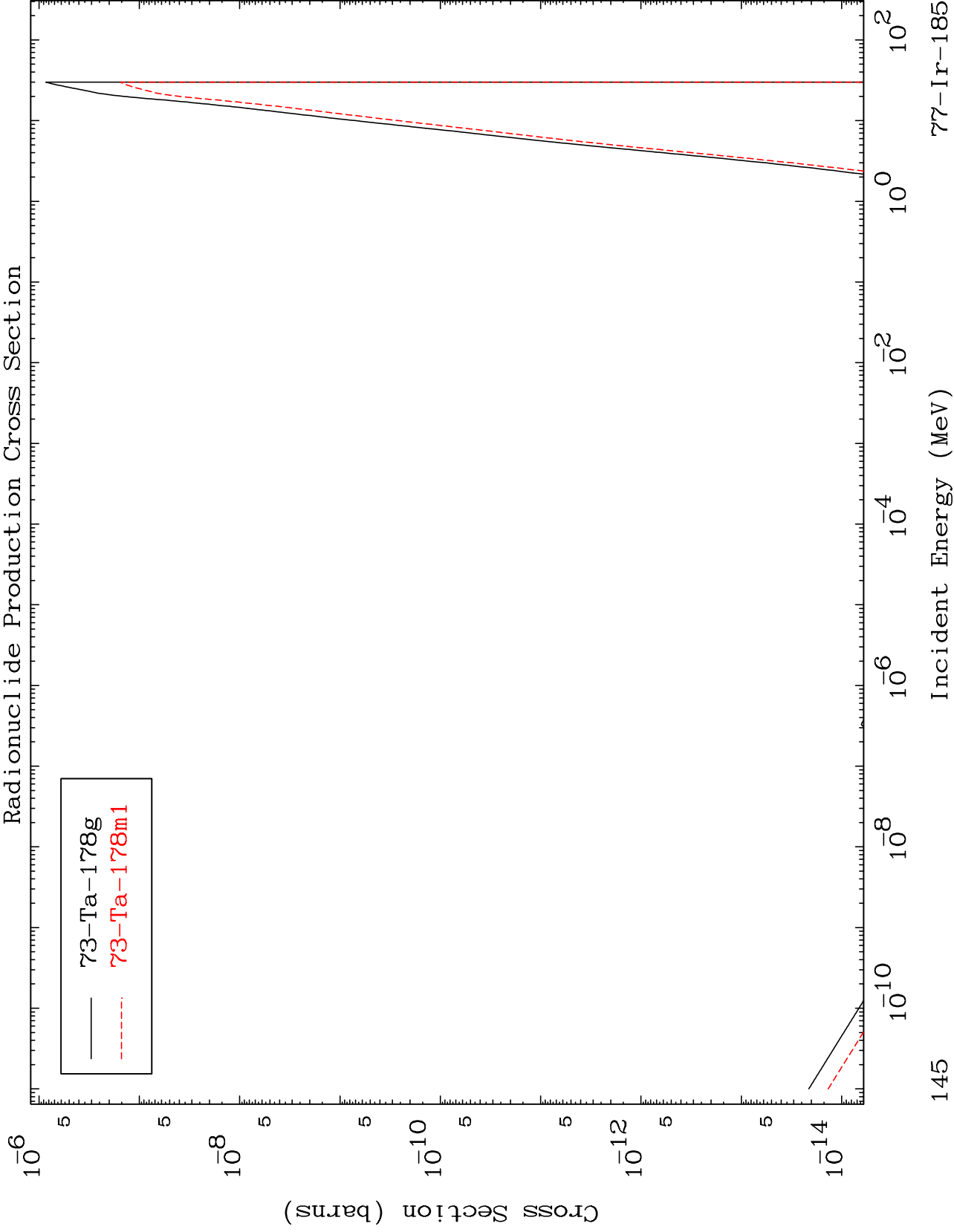
77-Ir-185

MAT 7707

(n,2α)

⁷⁷Ir-185

Radionuclide Production Cross Section



145

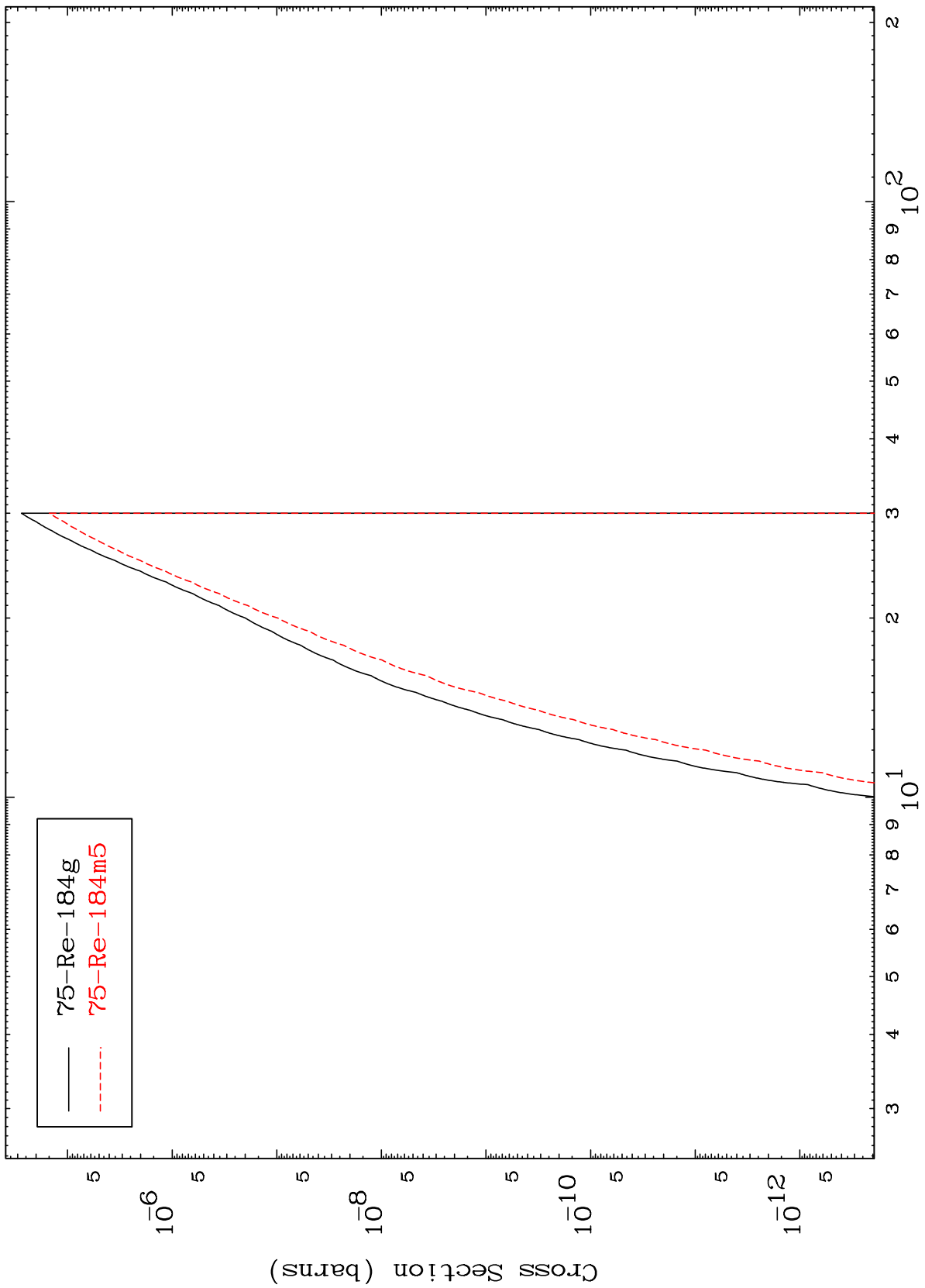
Incident Energy (MeV)

⁷⁷Ir-185

MAT 7707

77-Ir-185

(n,2p)
Radionuclide Production Cross Section



— 75-Re-184g
- - - 75-Re-184m5

146

Incident Energy (MeV)

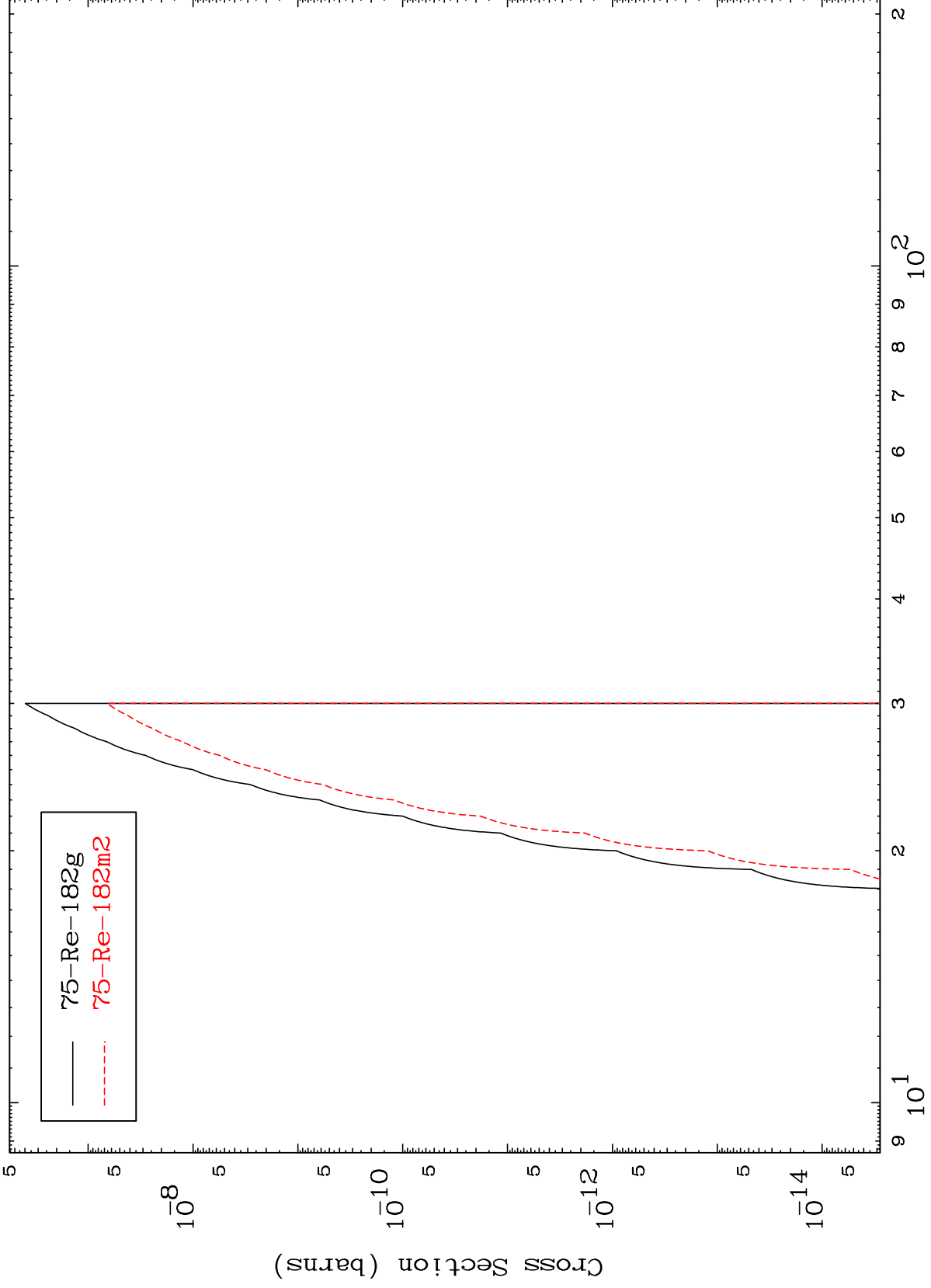
77-Ir-185

MAT 7707

(n,p) t

⁷⁷Ir-185

Radionuclide Production Cross Section



147

Incident Energy (MeV)

⁷⁷Ir-185