

Program EVALPLOT
(Version 2015-2)

by

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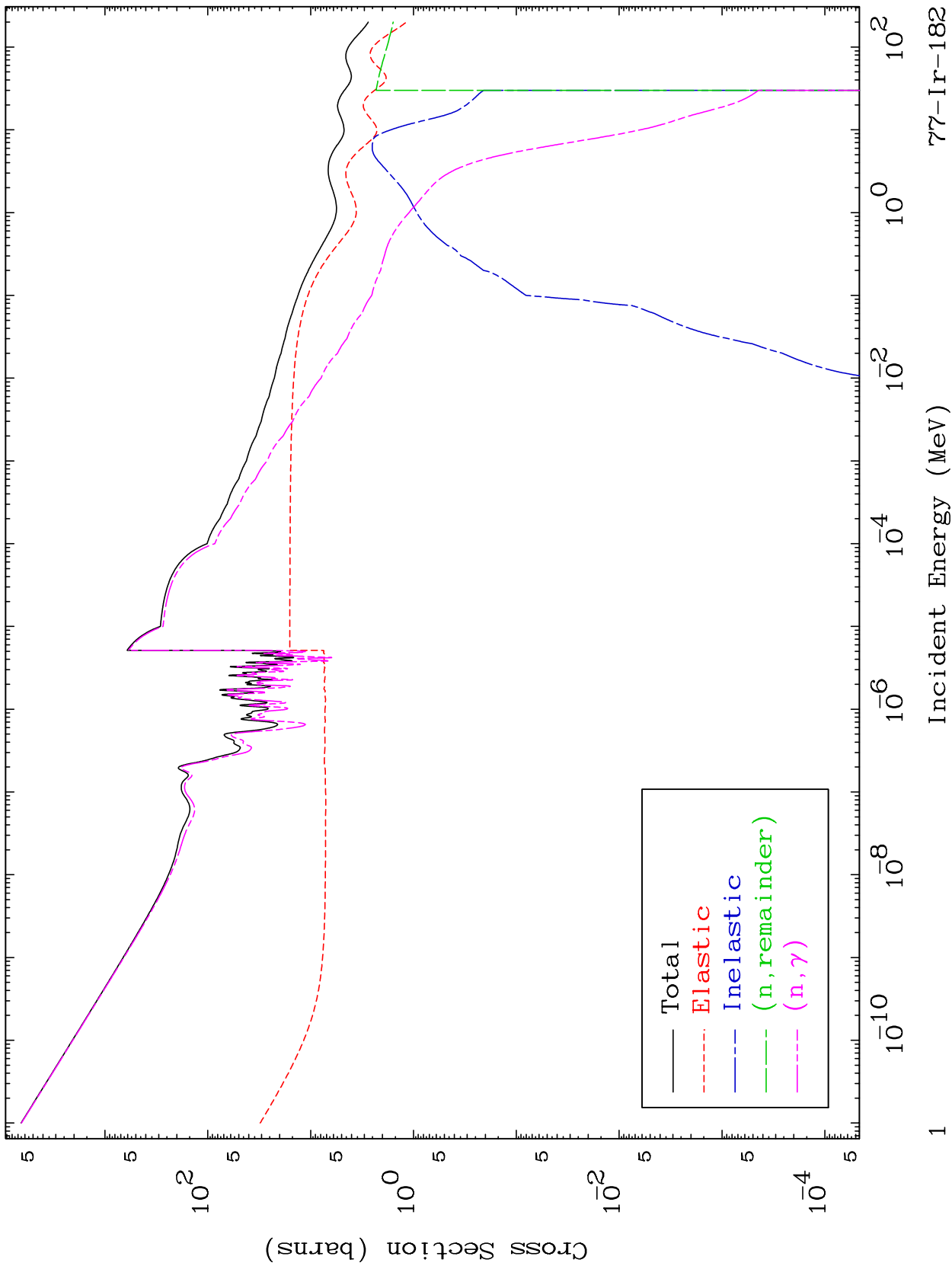
Press Mouse Button to Start

MAT 7698

Major

293 Kelvin Cross Sections

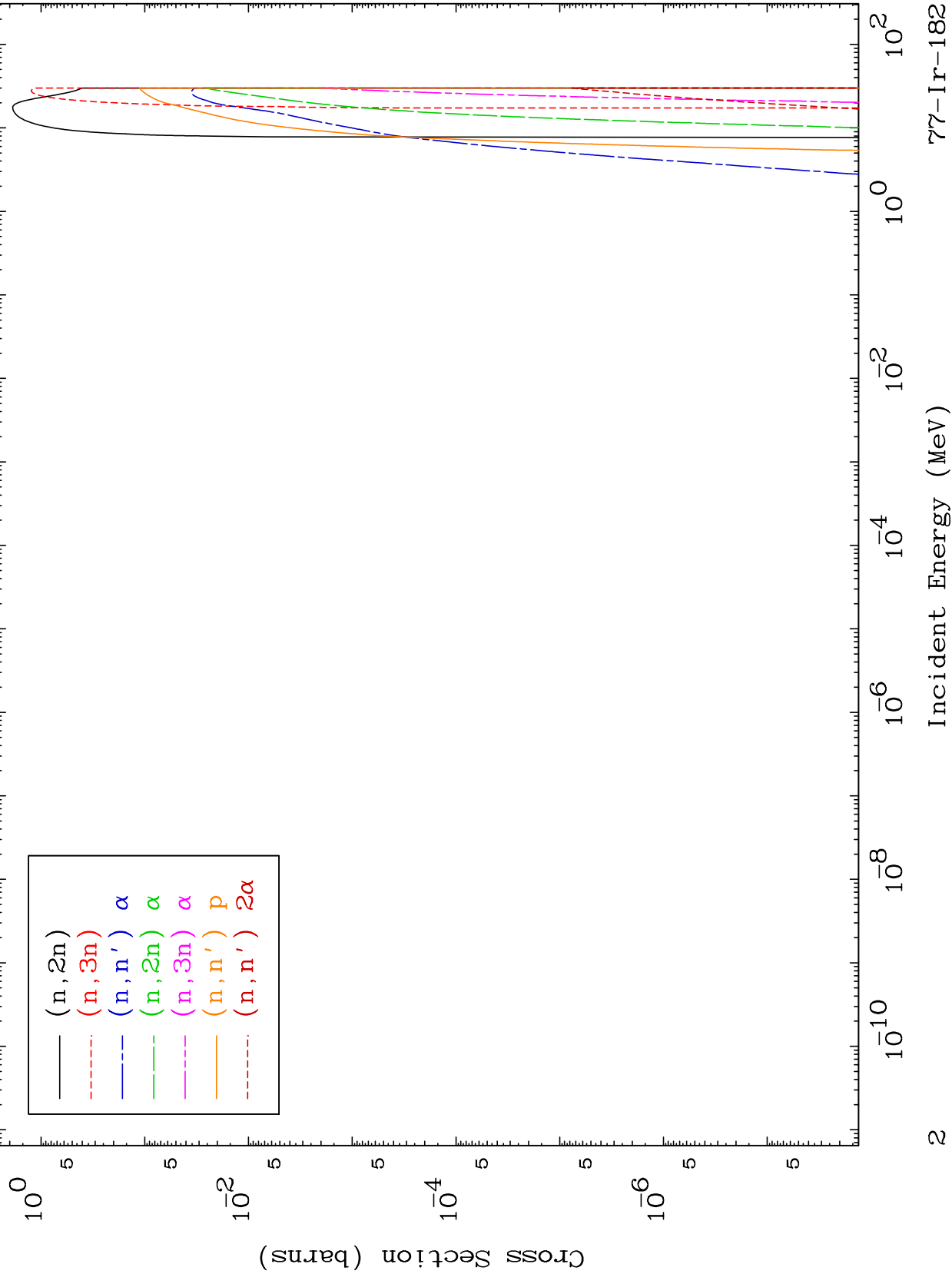
⁷⁷Ir-182



MAT 7698

Neutron Production
293 Kelvin Cross Sections

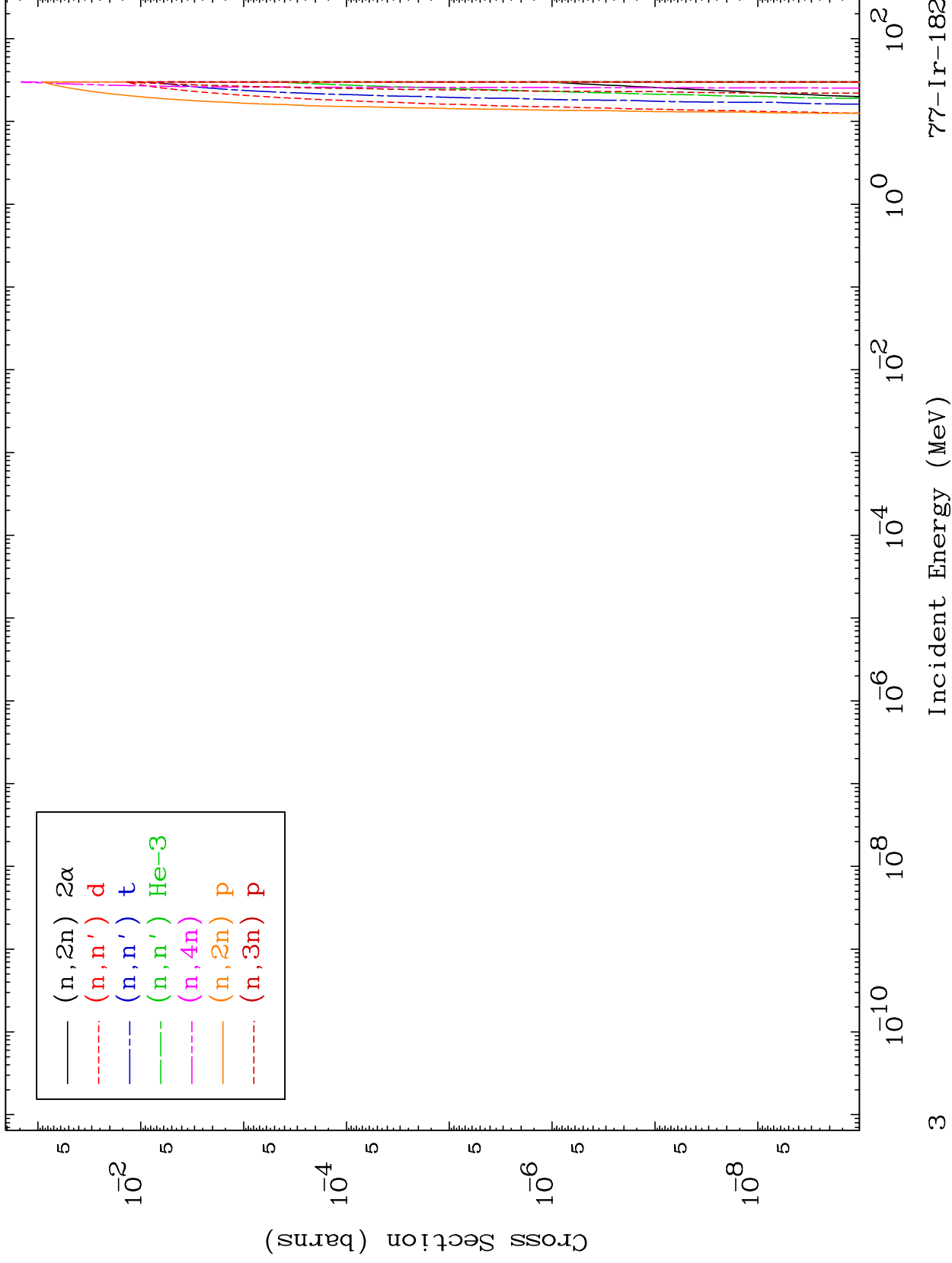
77-Ir-182



MAT 7698

Neutron Production
293 Kelvin Cross Sections

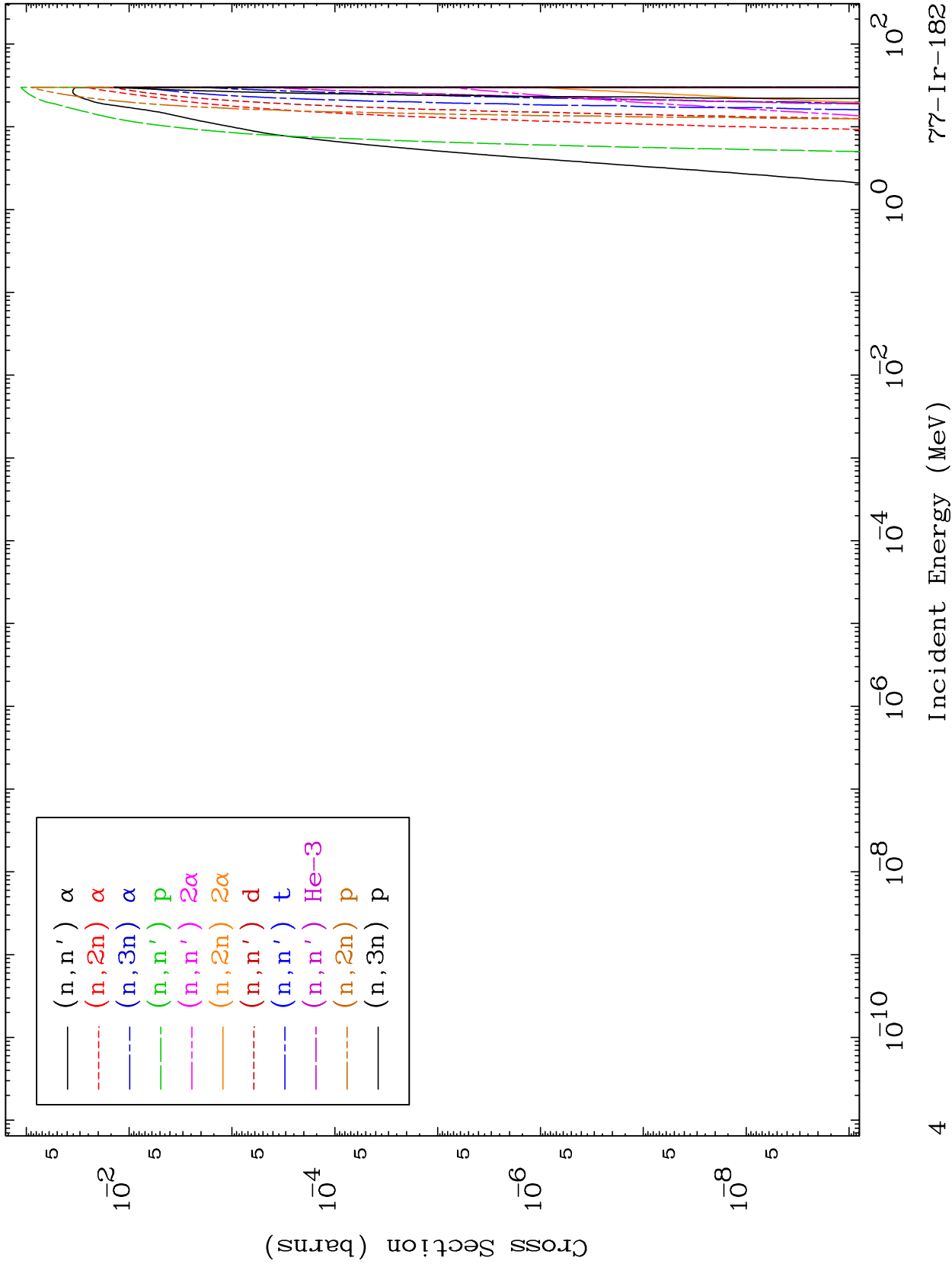
77-Ir-182



MAT 7698

Charged Particle
293 Kelvin Cross Sections

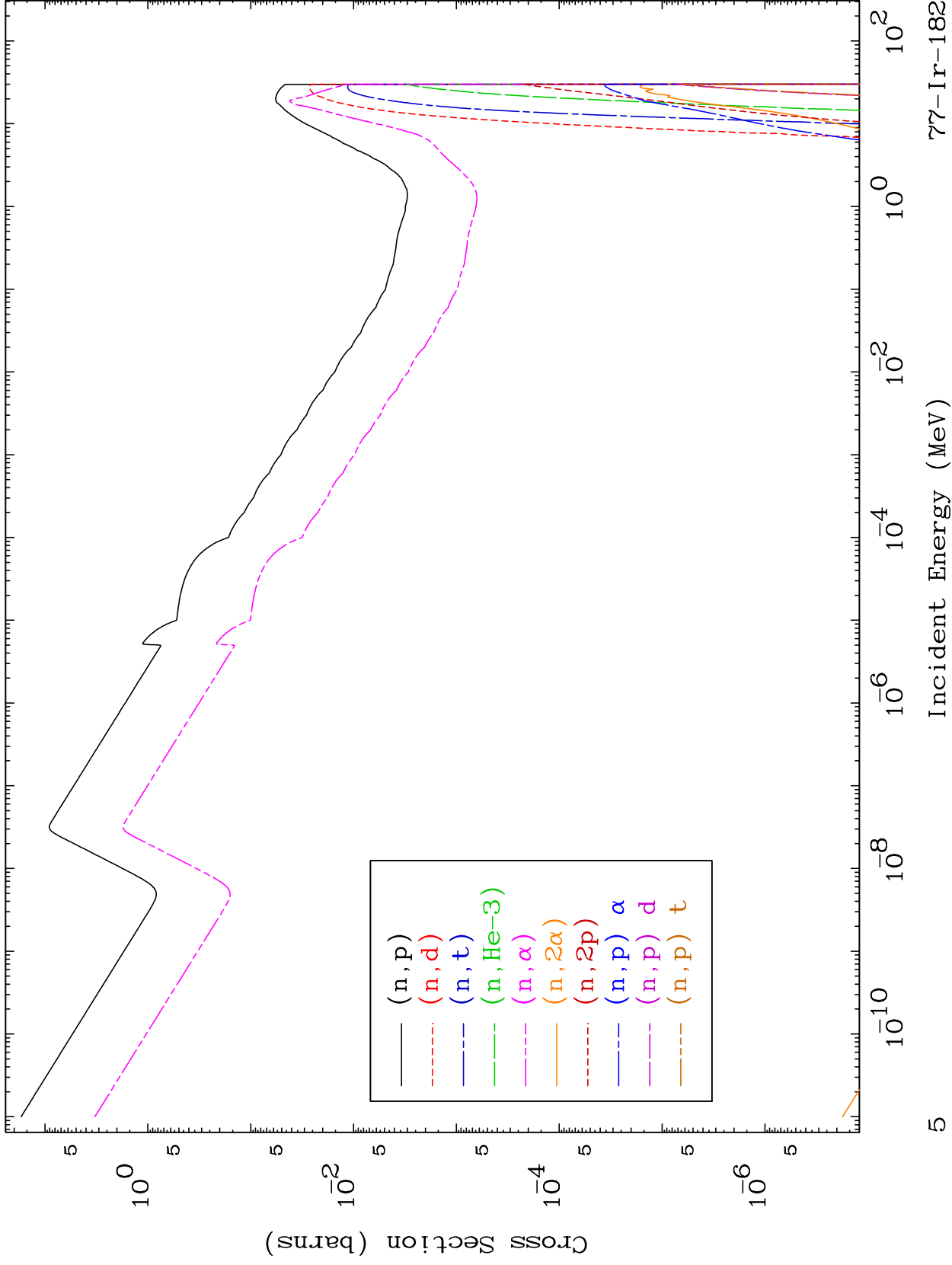
77-Ir-182



MAT 7698

Charged Particle
293 Kelvin Cross Sections

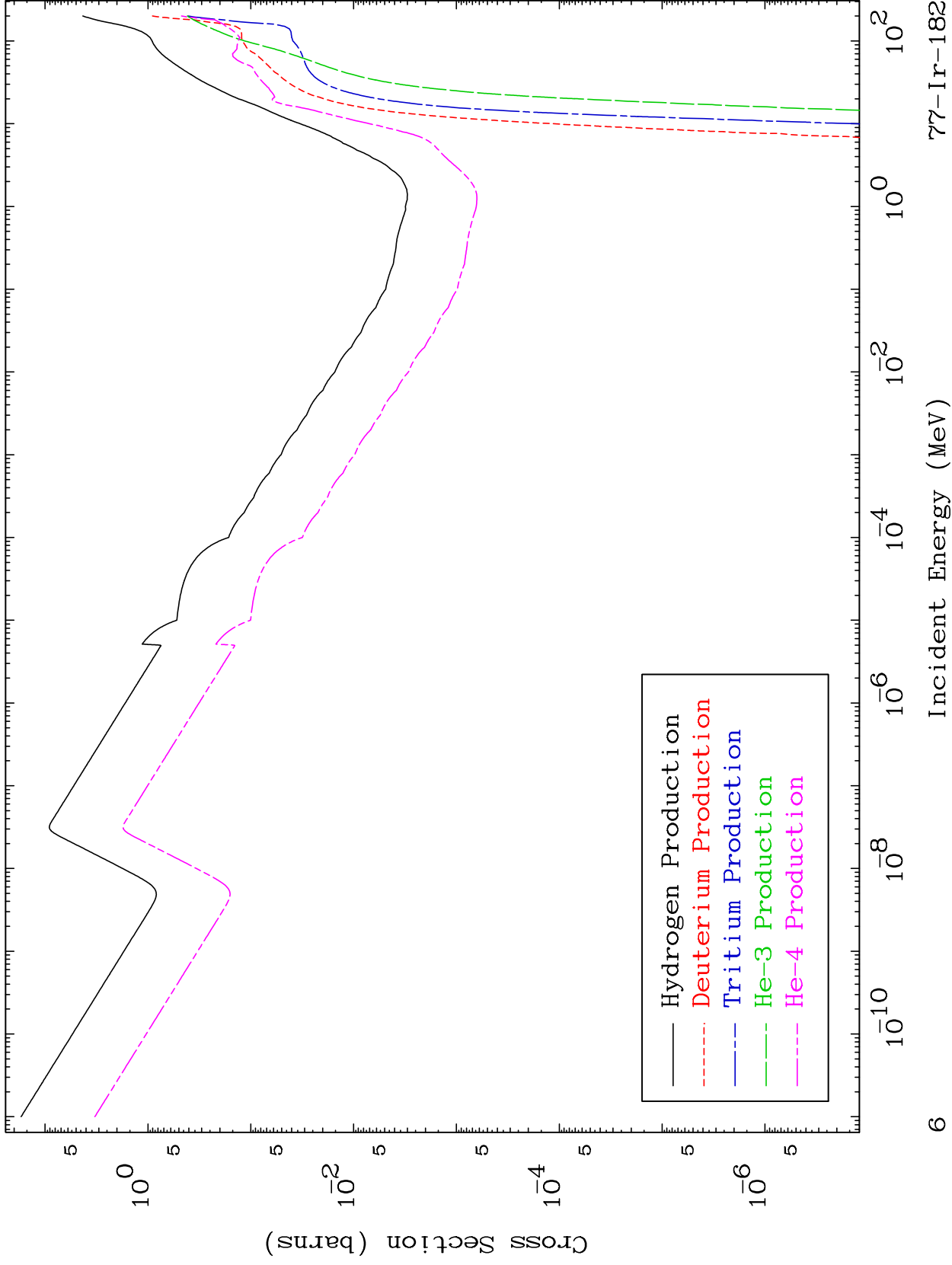
77-Ir-182



MAT 7698

Particle Production
293 Kelvin Cross Sections

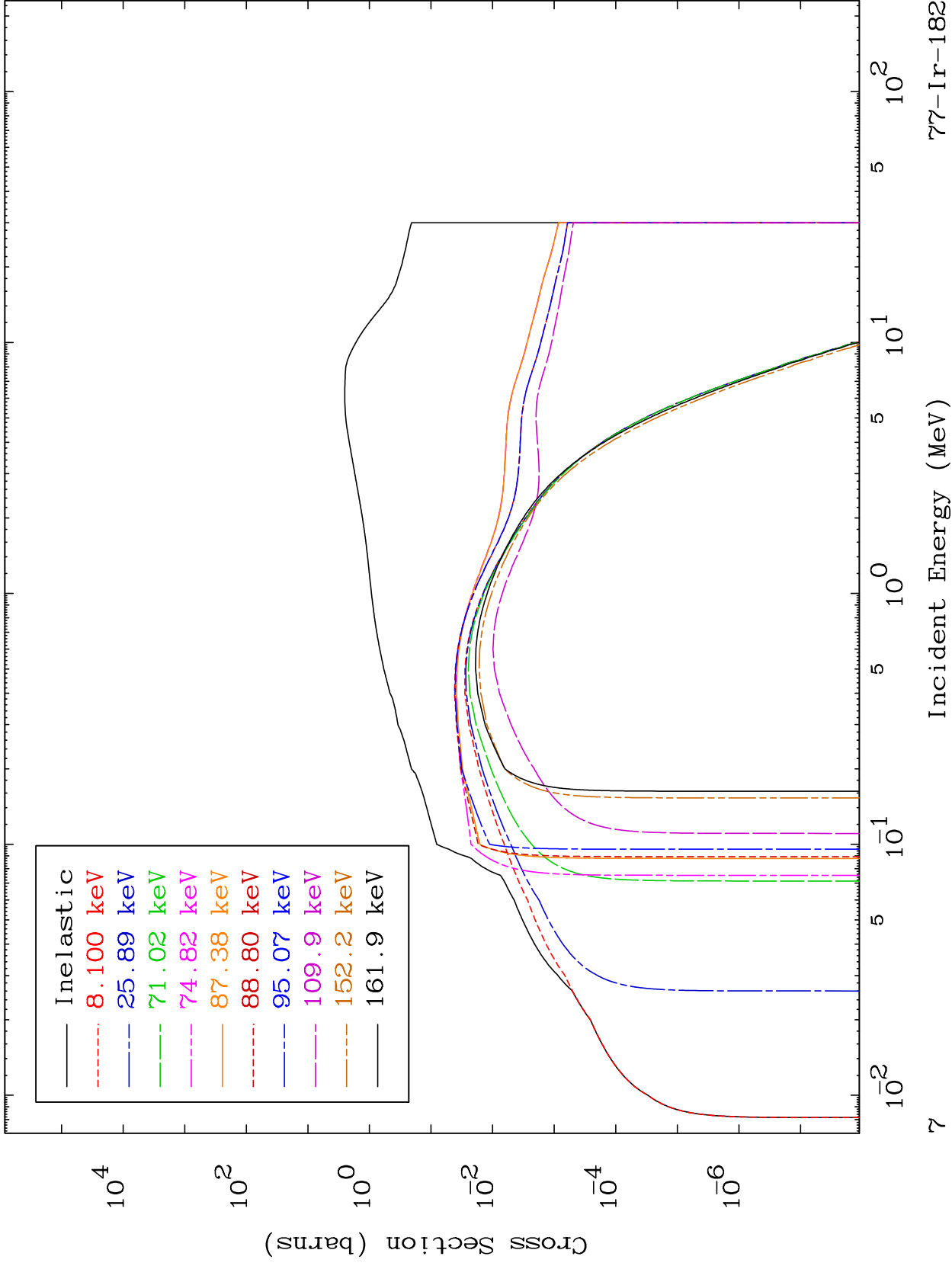
77-Ir-182



MAT 7698

(n,n') Level
293 Kelvin Cross Sections

77-Ir-182

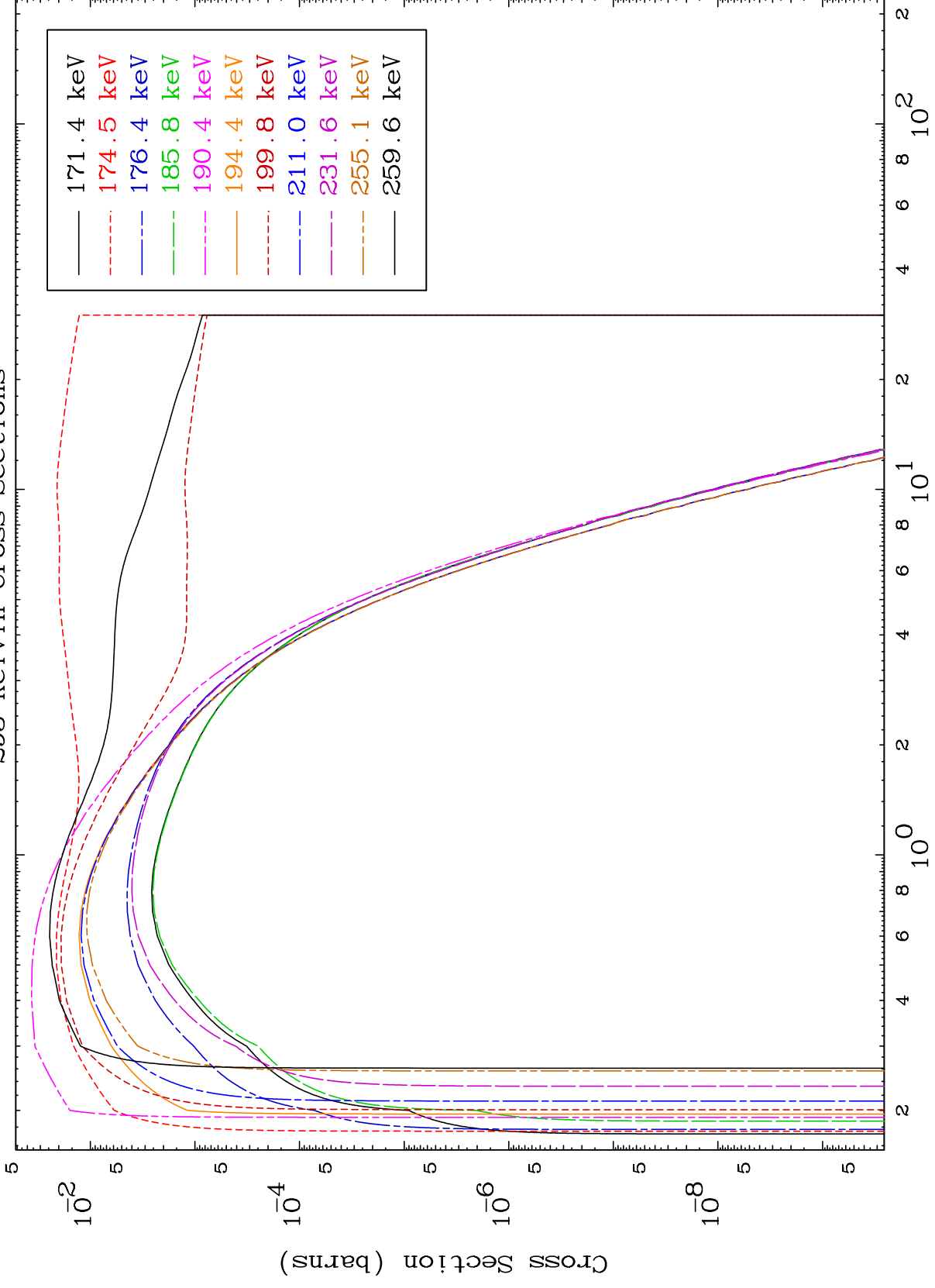


MAT 7698

(n,n') Level

77-Ir-182

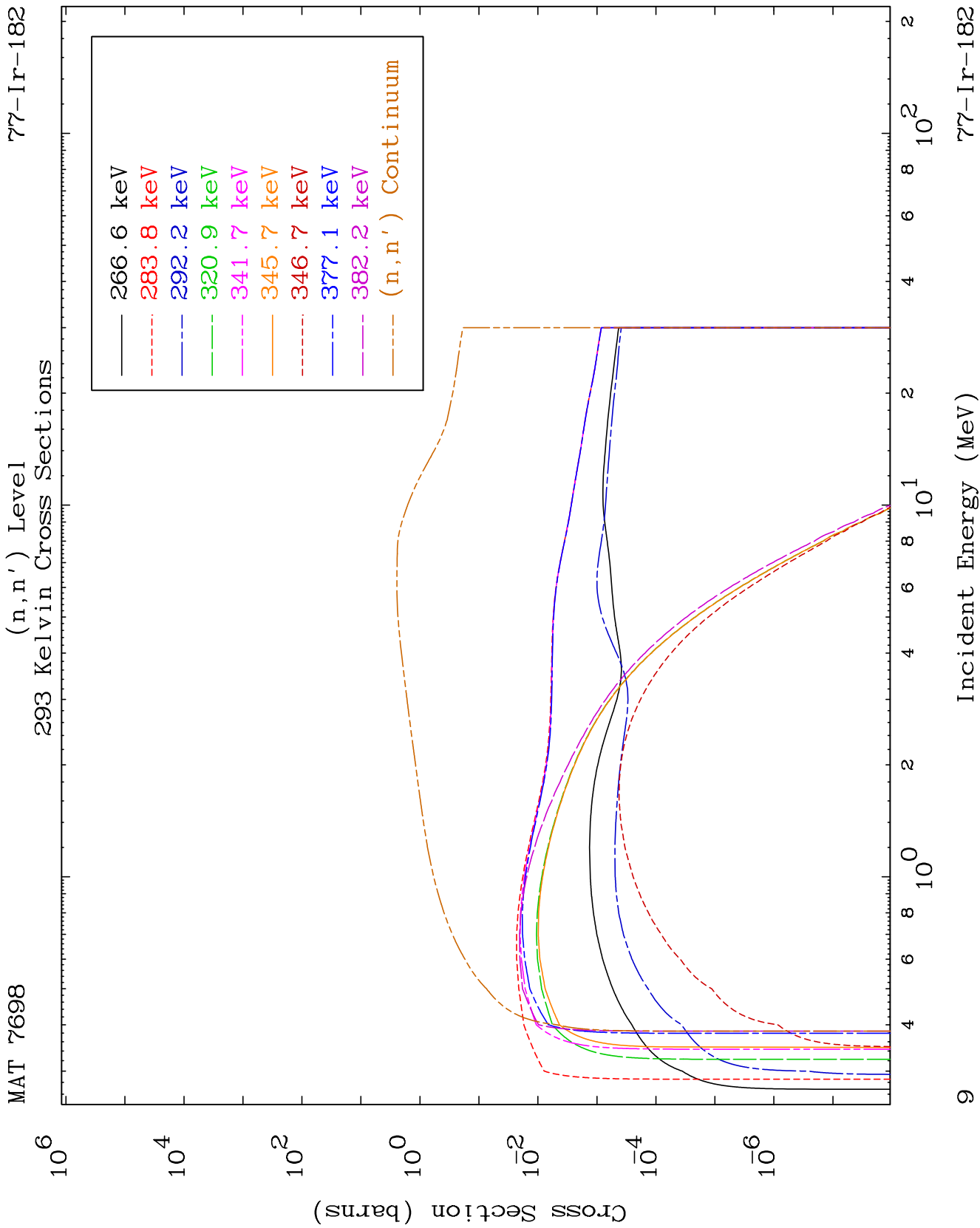
293 Kelvin Cross Sections



8

Incident Energy (MeV)

77-Ir-182

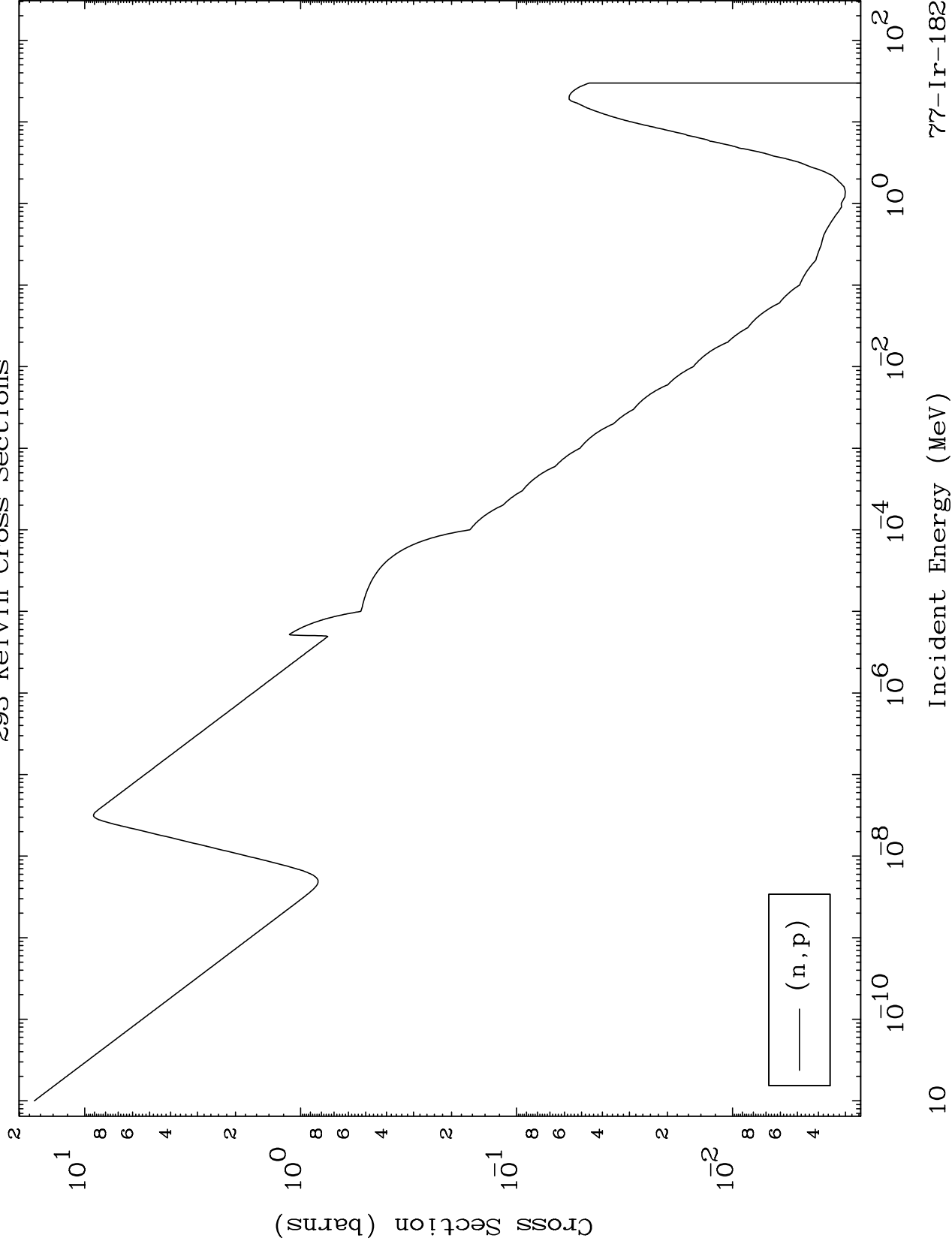


MAT 7698

MAT 7698

(n,p) Levels
293 Kelvin Cross Sections

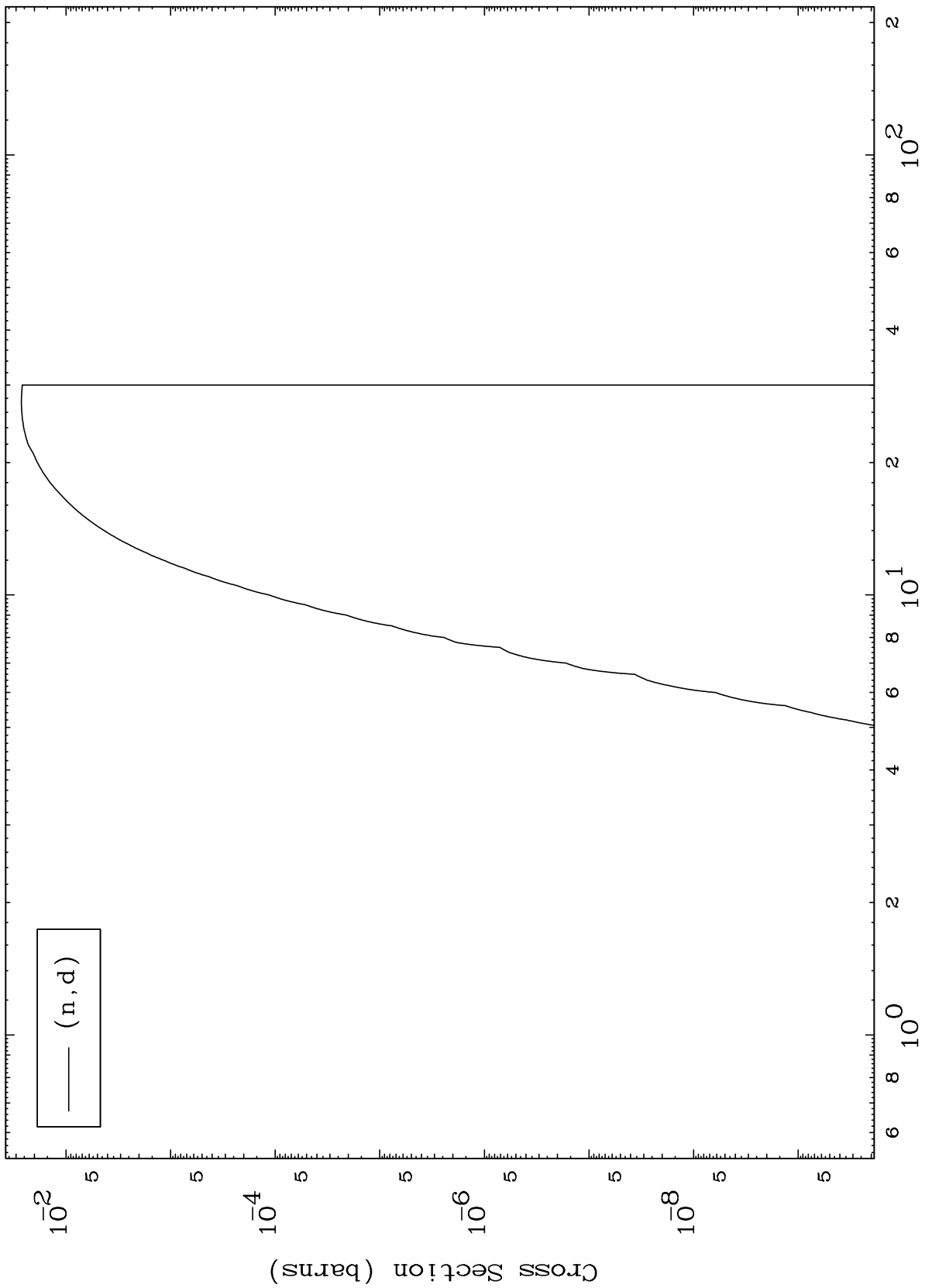
77-Ir-182



MAT 7698

(n,d) Levels
293 Kelvin Cross Sections

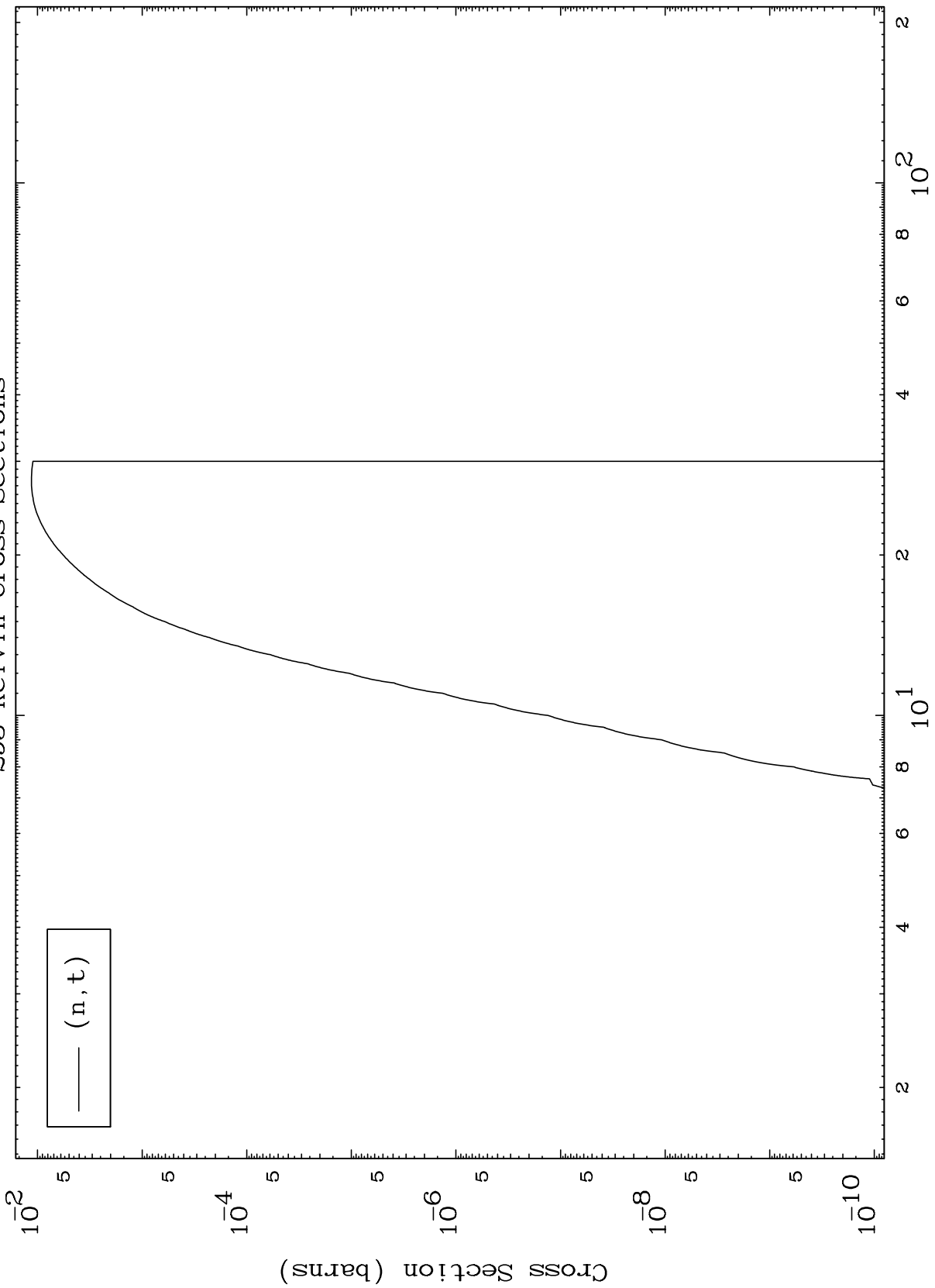
77-Ir-182



MAT 7698

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-182



12

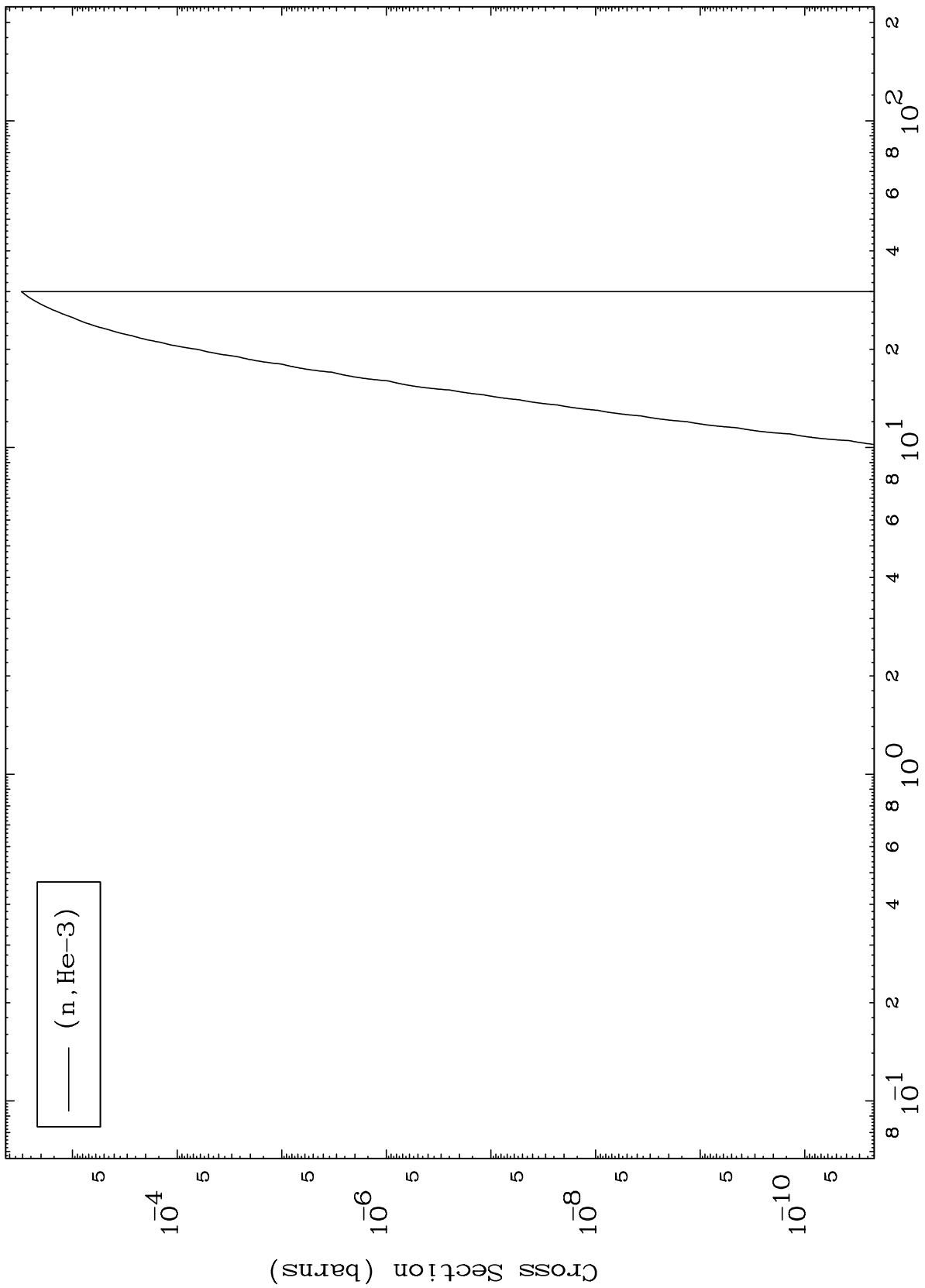
Incident Energy (MeV)

77-Ir-182

MAT 7698

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-182



13

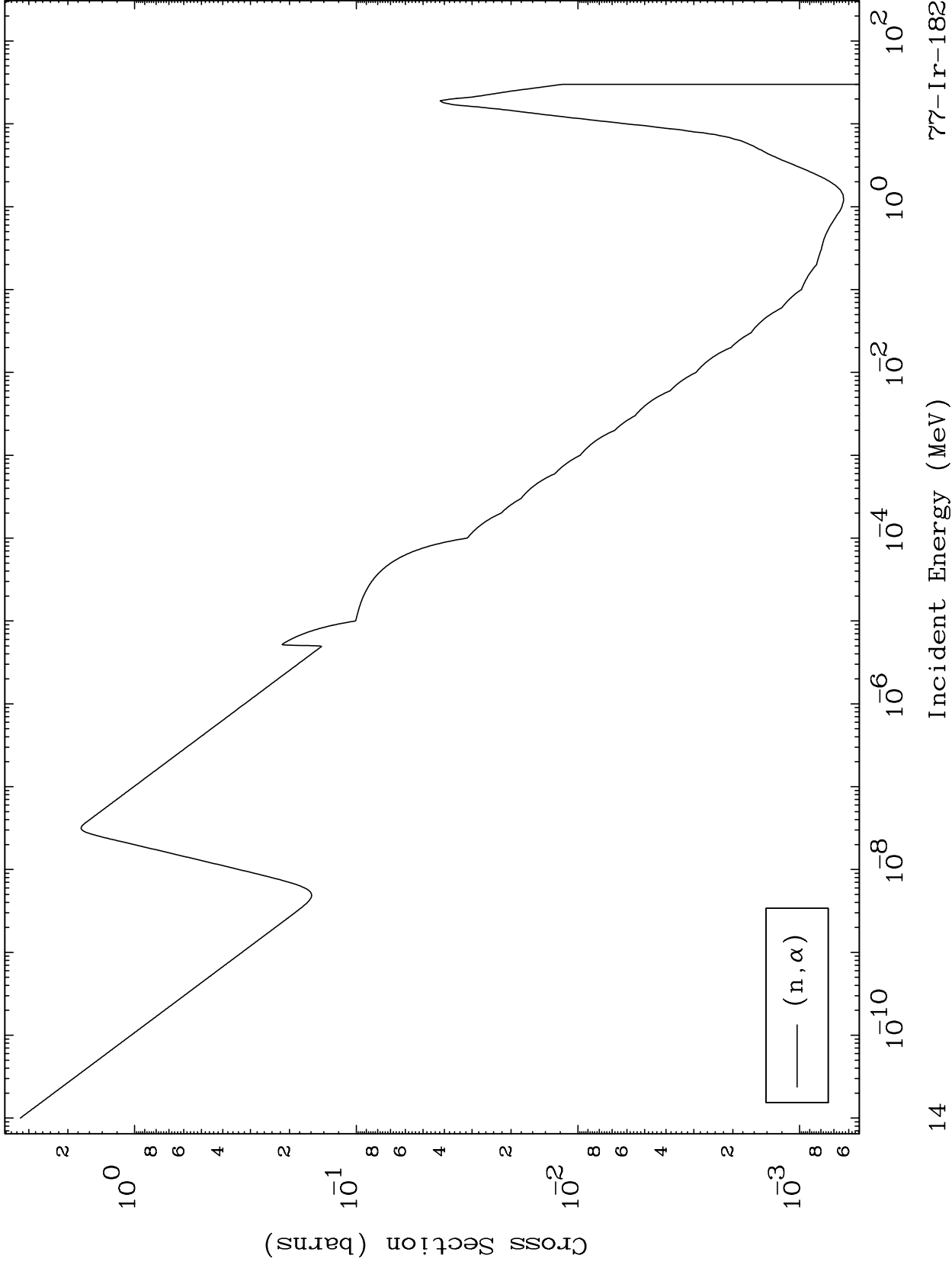
Incident Energy (MeV)

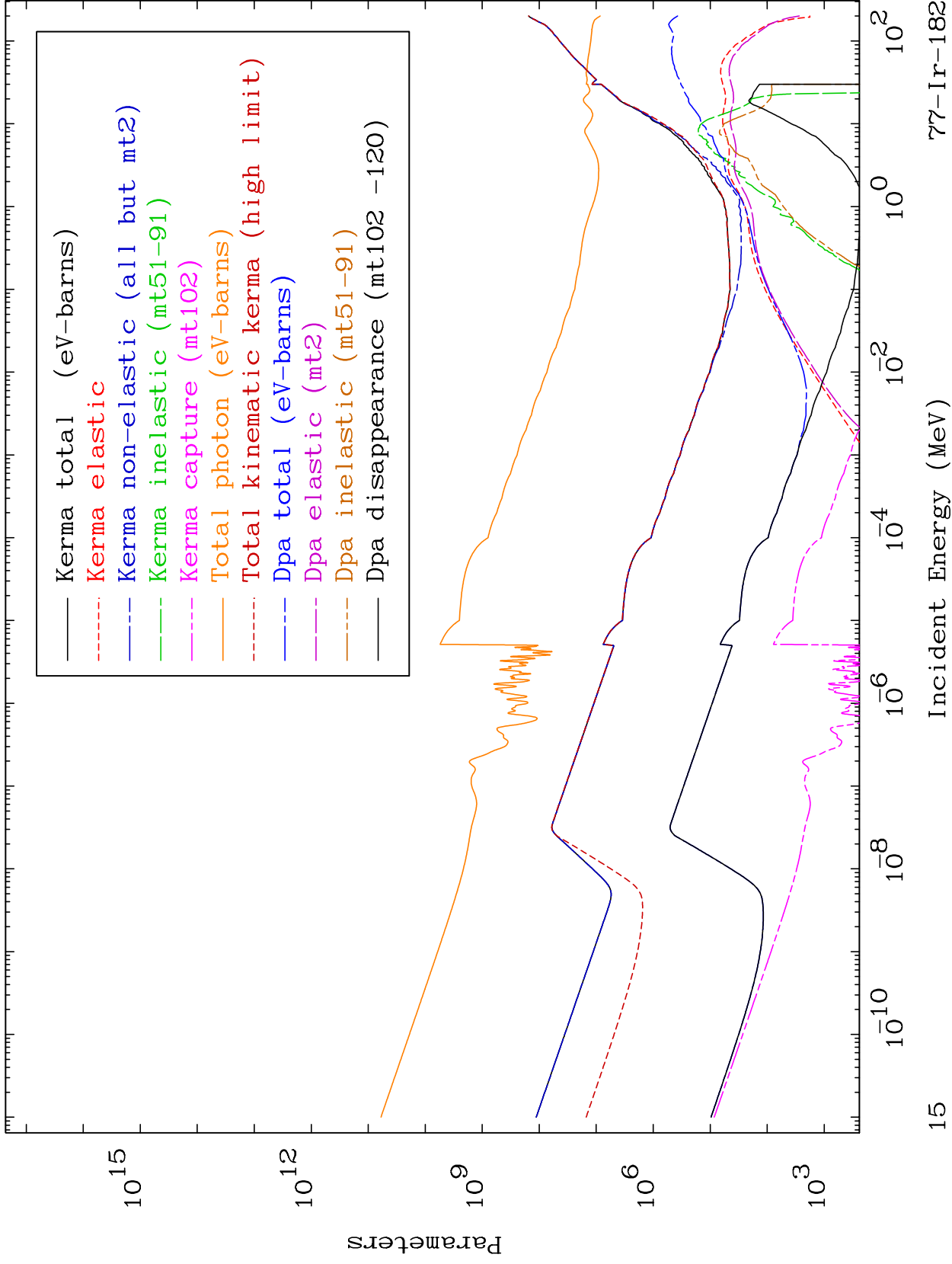
77-Ir-182

MAT 7698

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-182

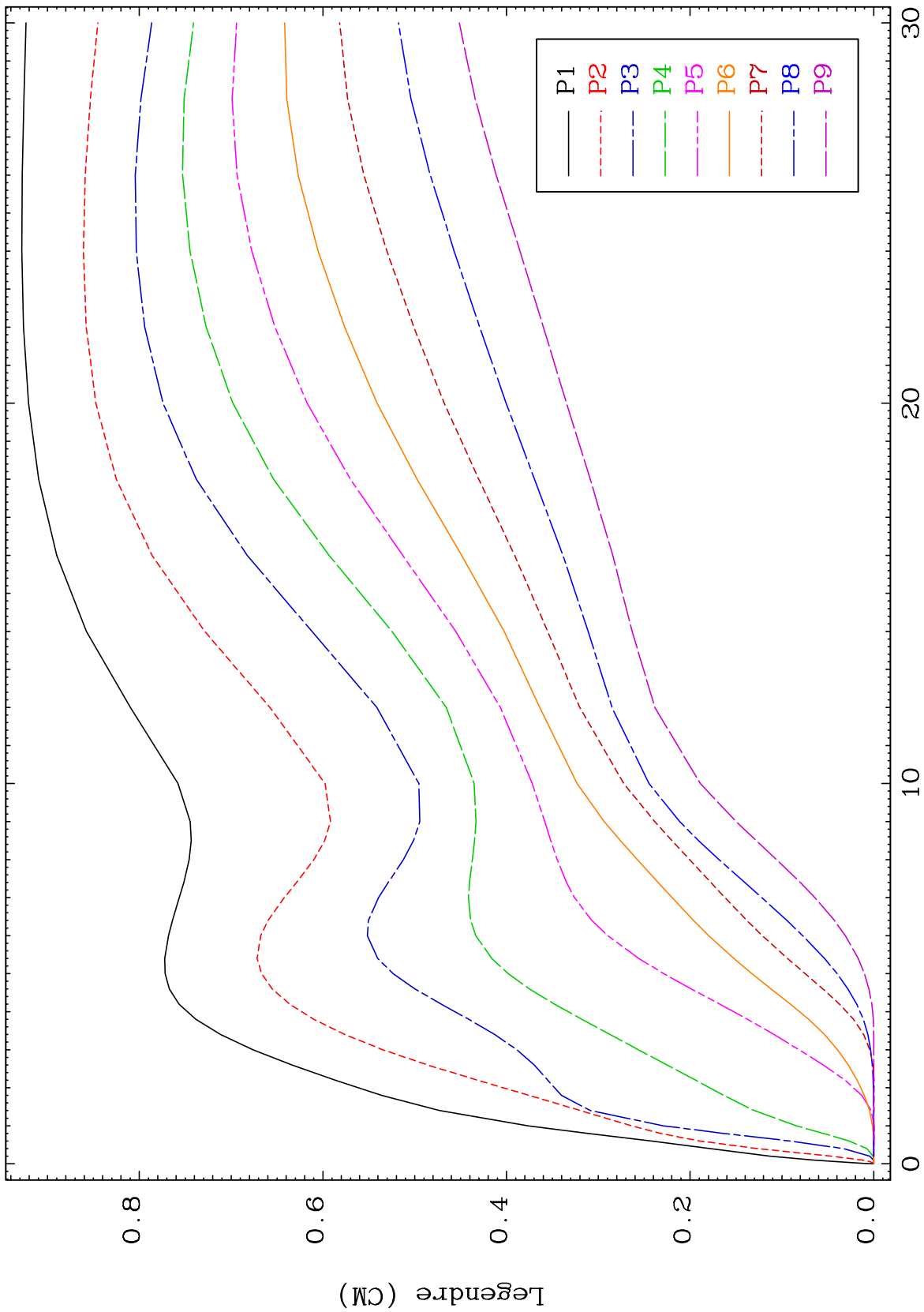




MAT 7698

Elastic Legendre Coefficients

⁷⁷Ir-182



16

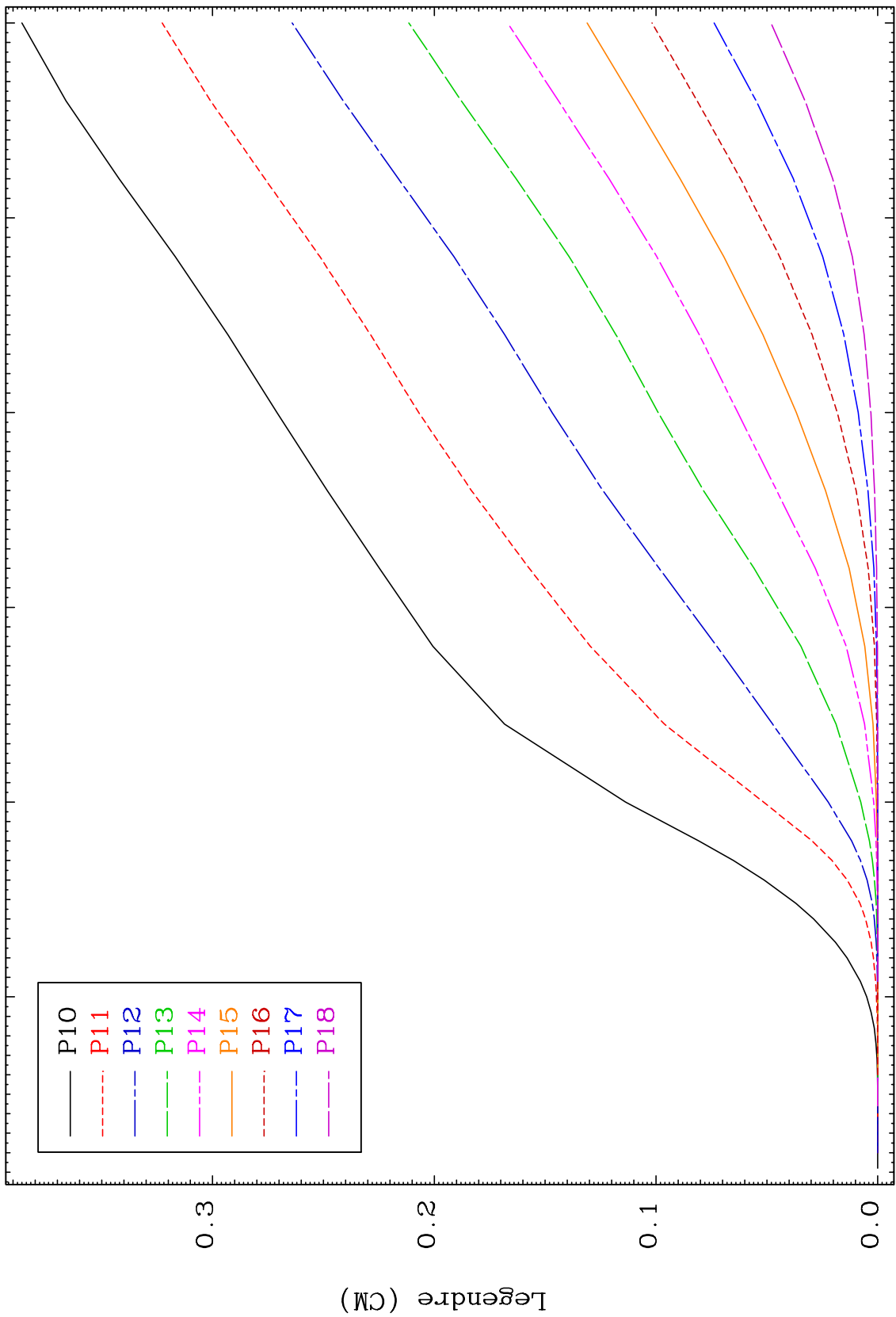
Incident Energy (MeV)

⁷⁷Ir-182

MAT 7698

Elastic Legendre Coefficients

⁷⁷Ir-182



17

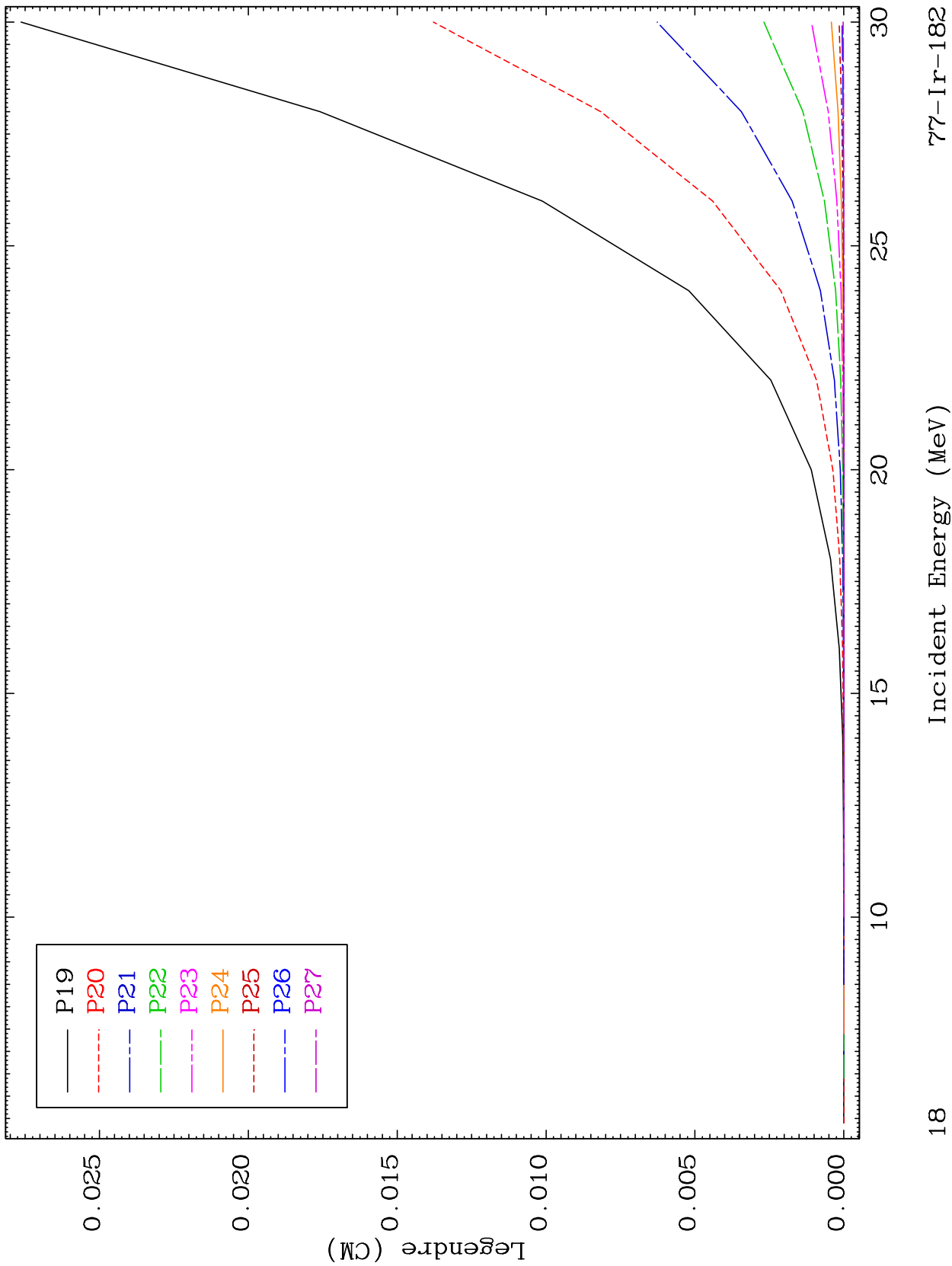
Incident Energy (MeV)

⁷⁷Ir-182

MAT 7698

Elastic Legendre Coefficients

77-Ir-182



18

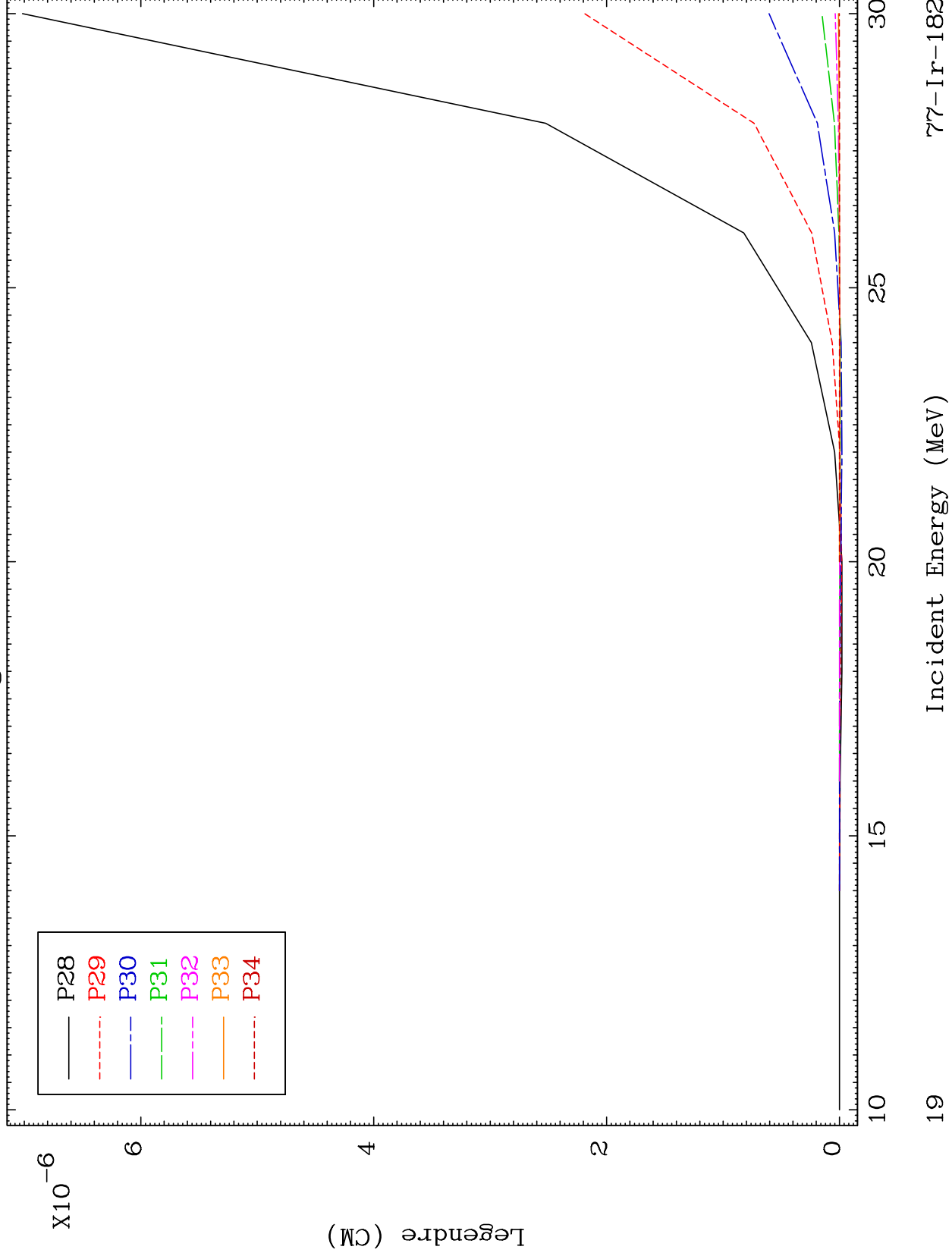
Incident Energy (MeV)

77-Ir-182

MAT 7698

Elastic
Legendre Coefficients

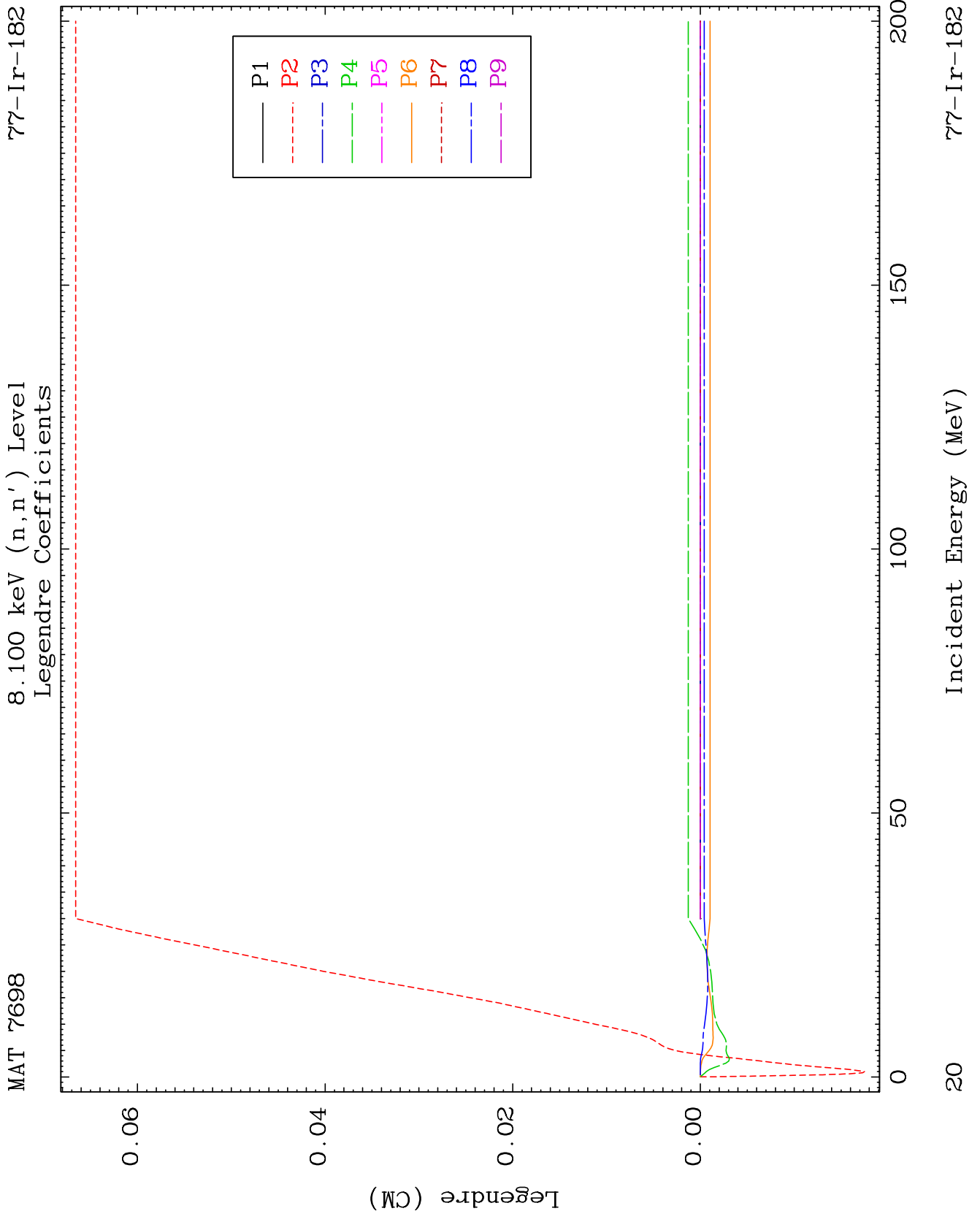
⁷⁷Ir-182



19

Incident Energy (MeV)

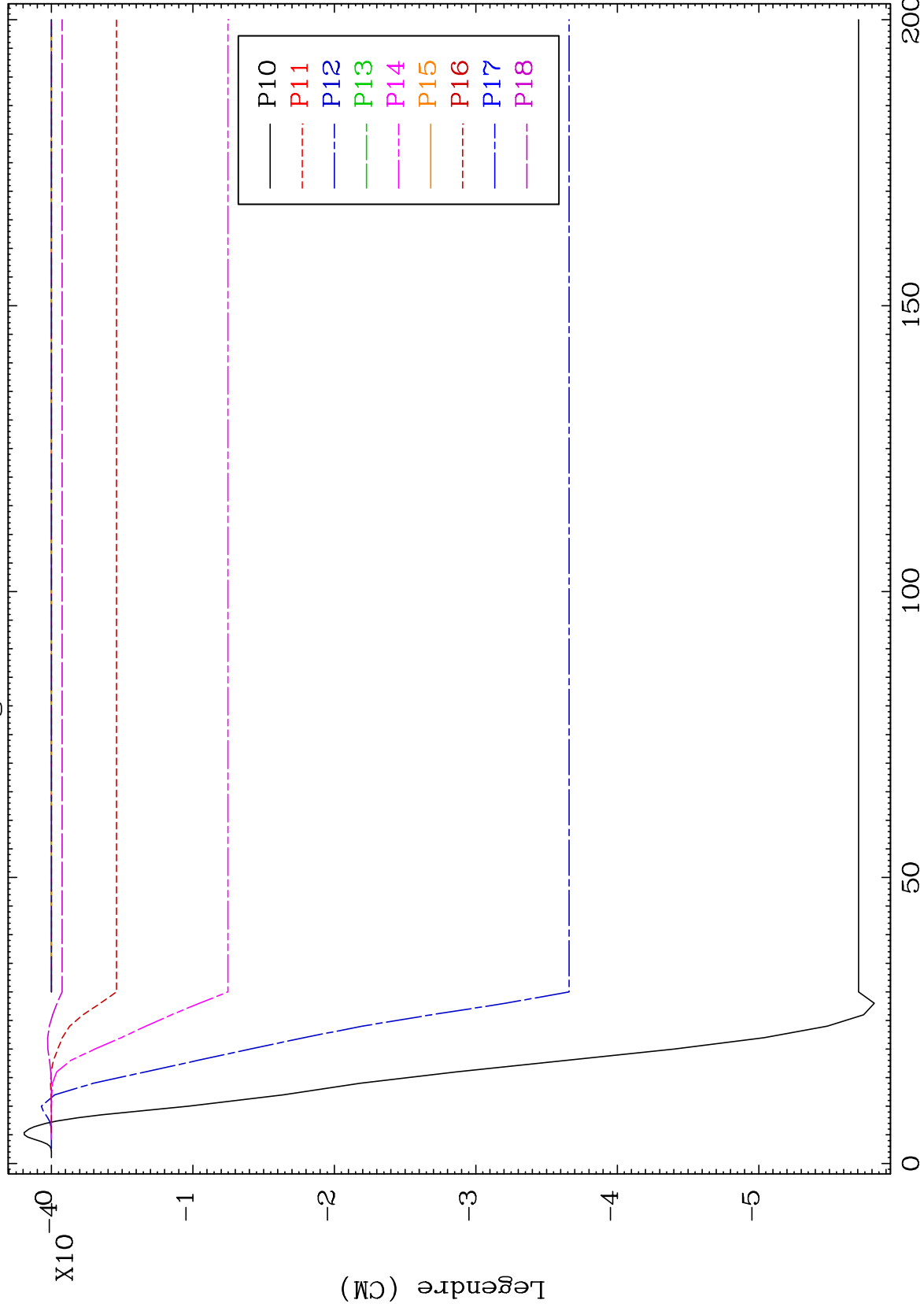
⁷⁷Ir-182



MAT 7698

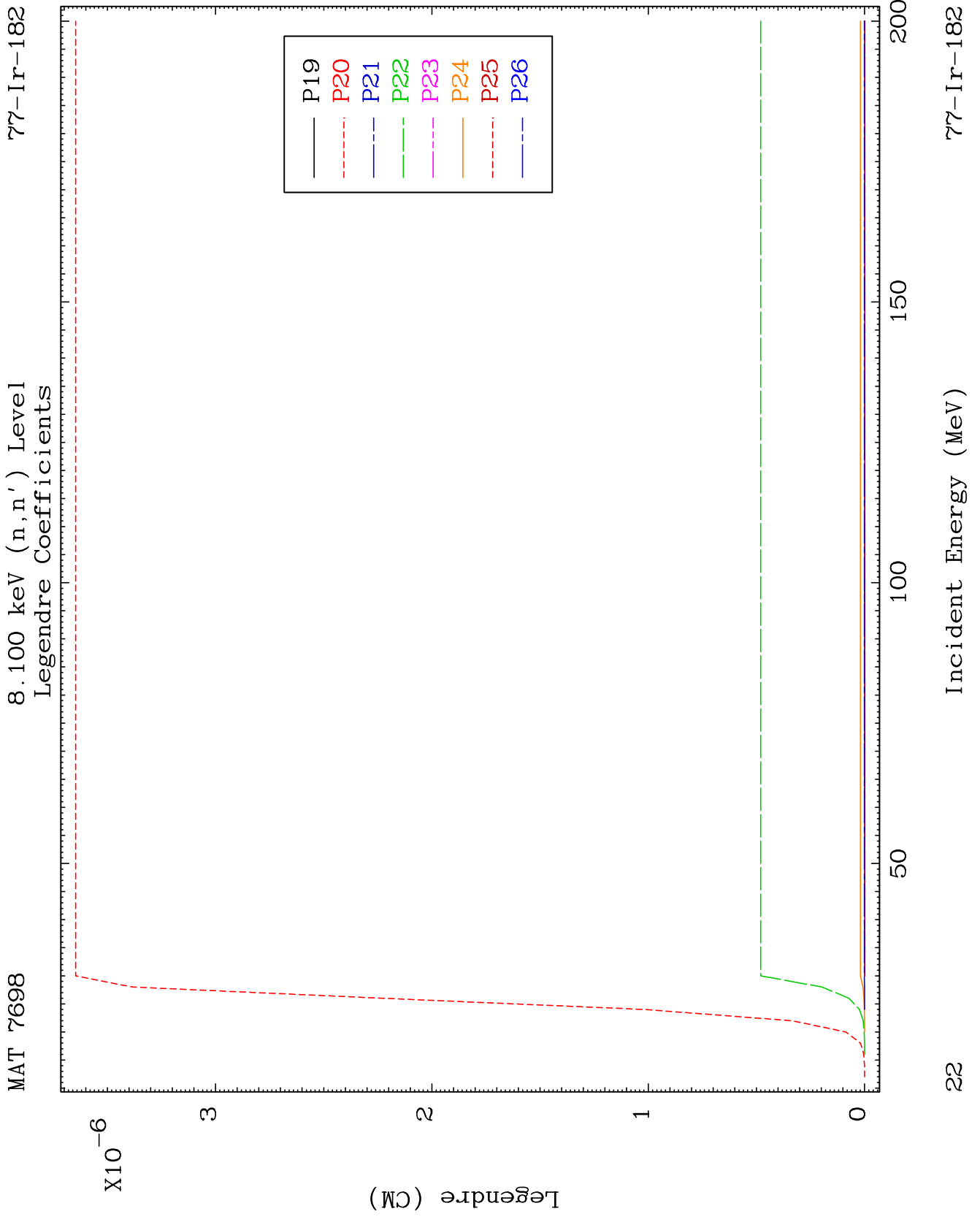
8.100 keV (n,n') Level
Legendre Coefficients

77-Ir-182



21

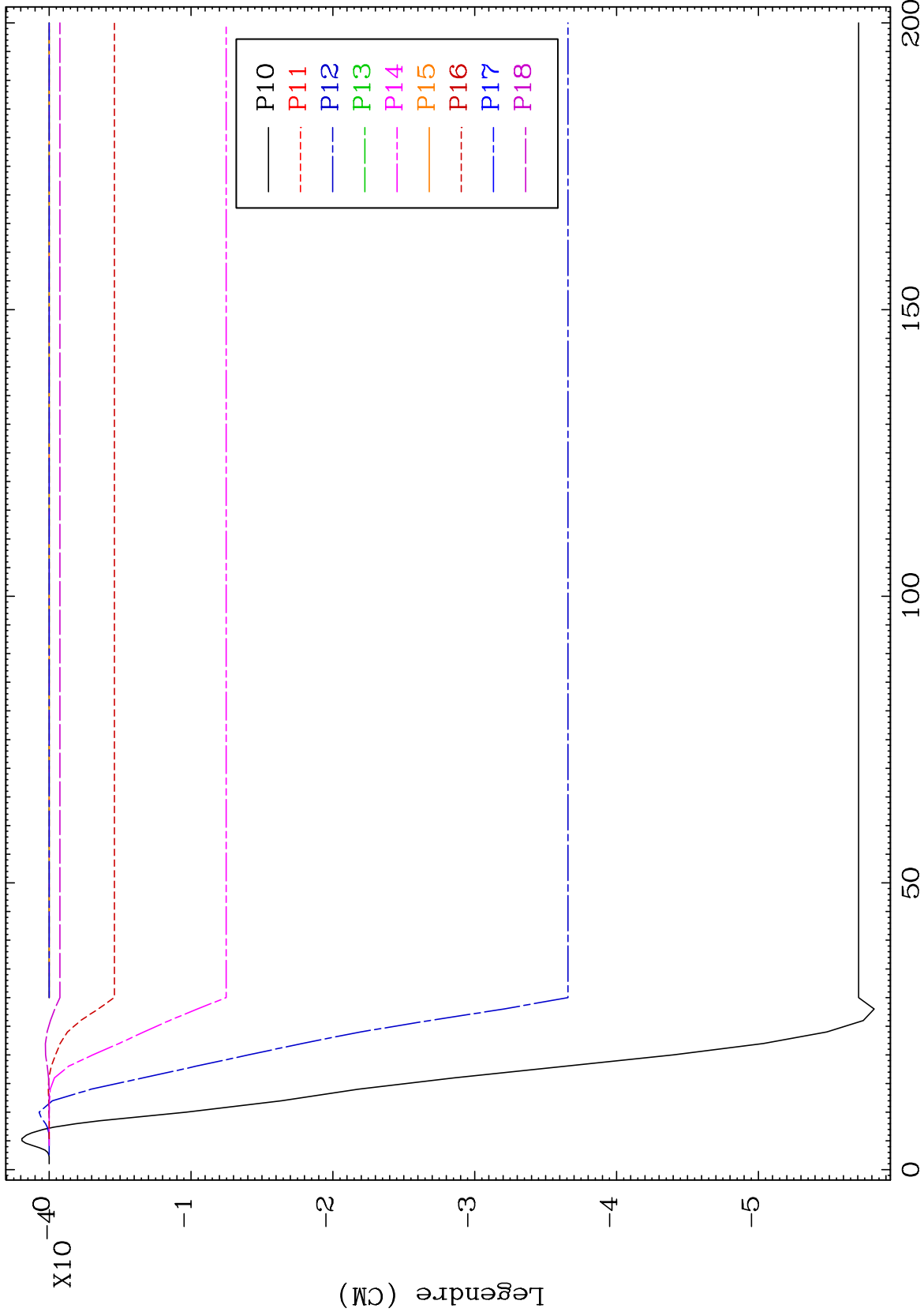
77-Ir-182



MAT 7698

25.89 keV (n,n') Level
Legendre Coefficients

77-Ir-182



24

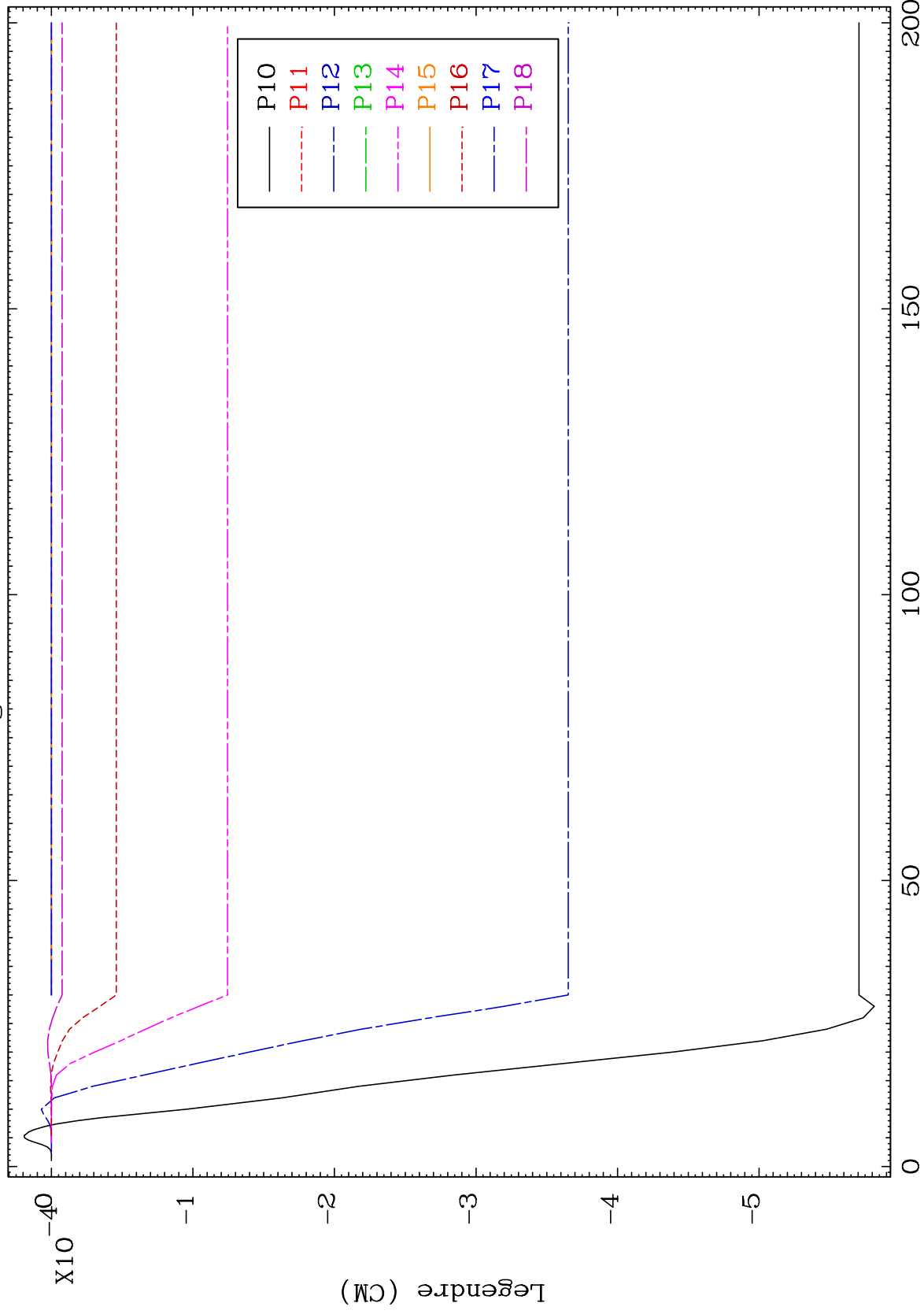
Incident Energy (MeV)

77-Ir-182

MAT 7698

71.02 keV (n,n') Level
Legendre Coefficients

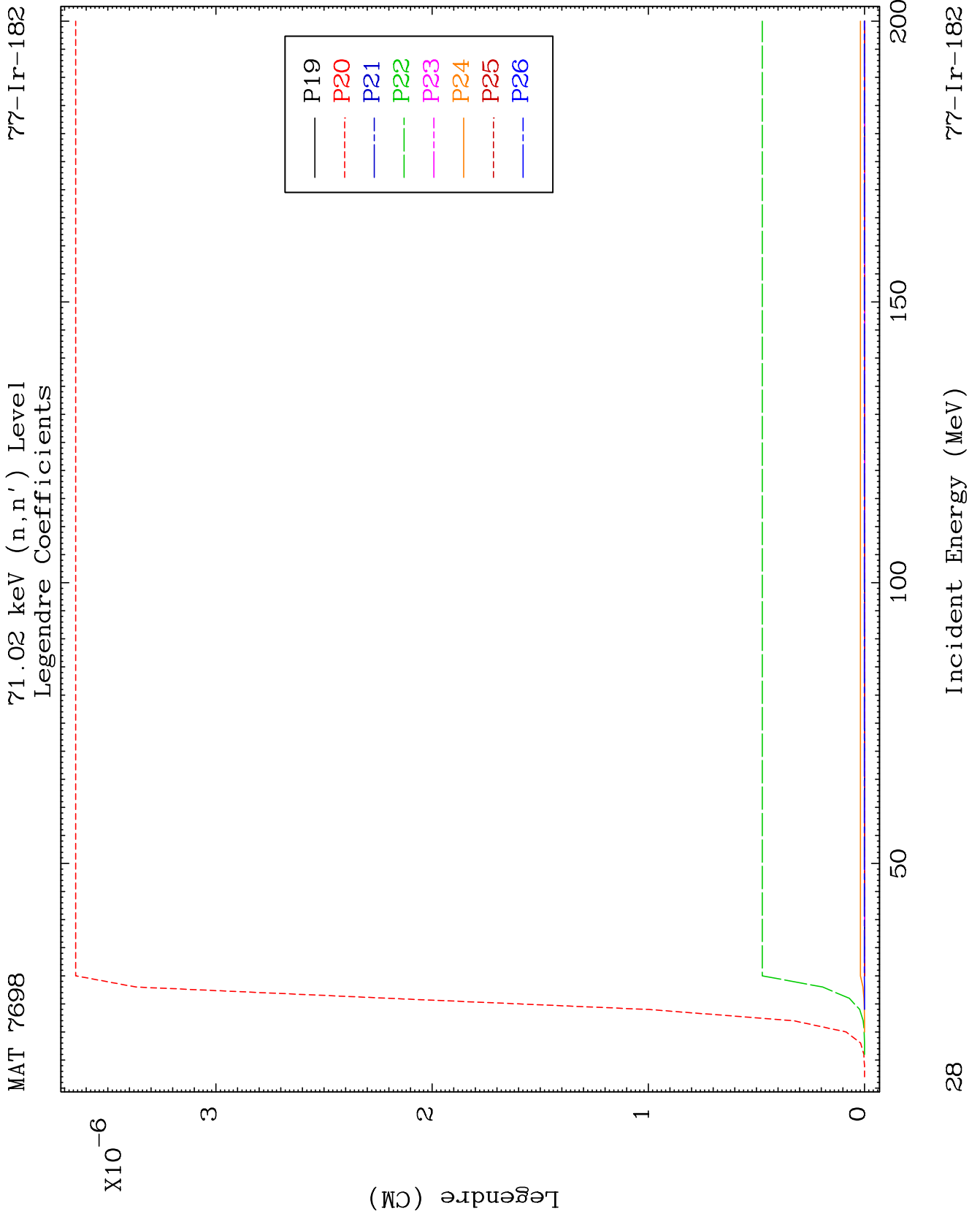
77-Ir-182



27

Incident Energy (MeV)

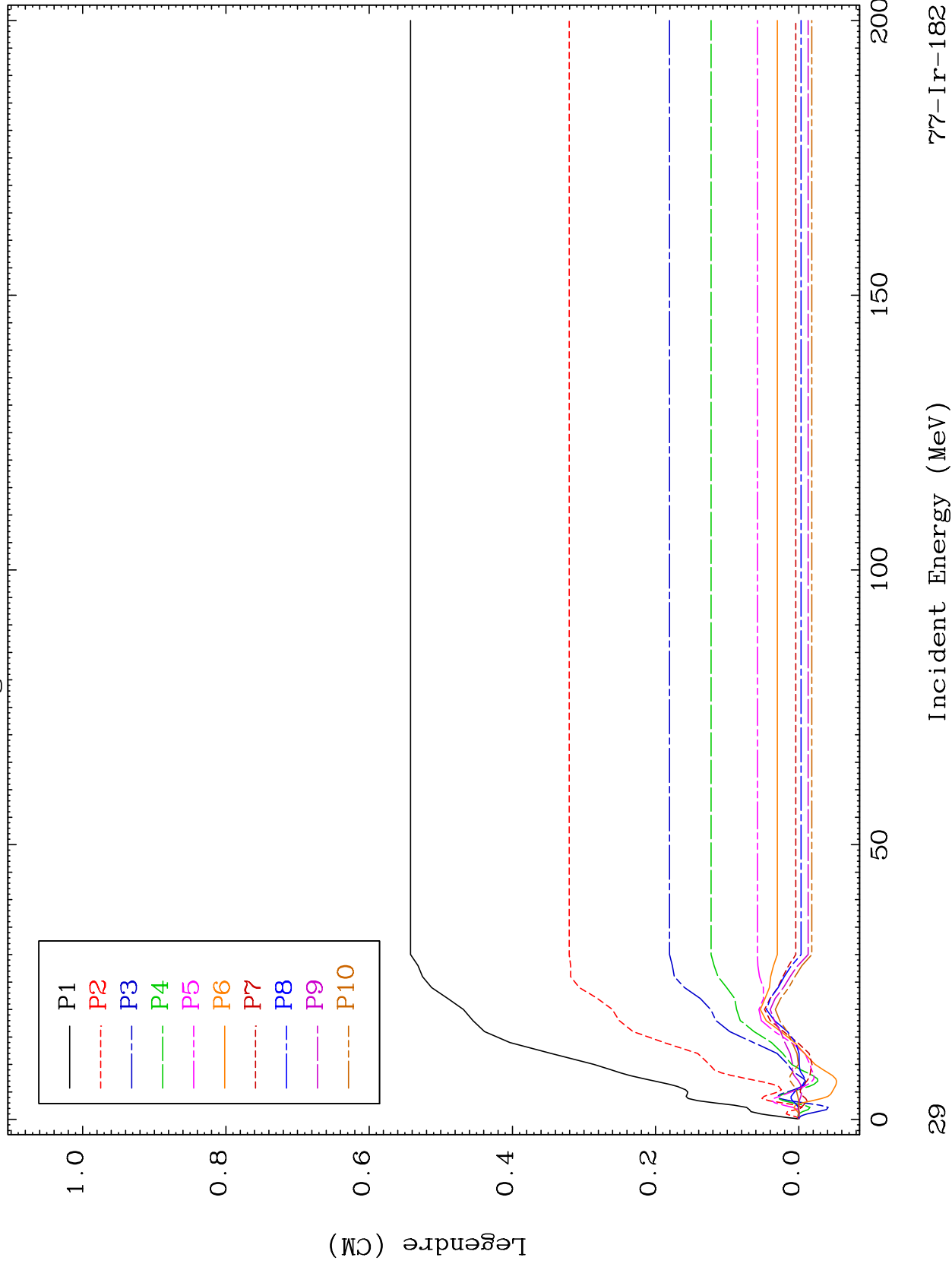
77-Ir-182



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74.82 keV (n,n') Level
Legendre Coefficients

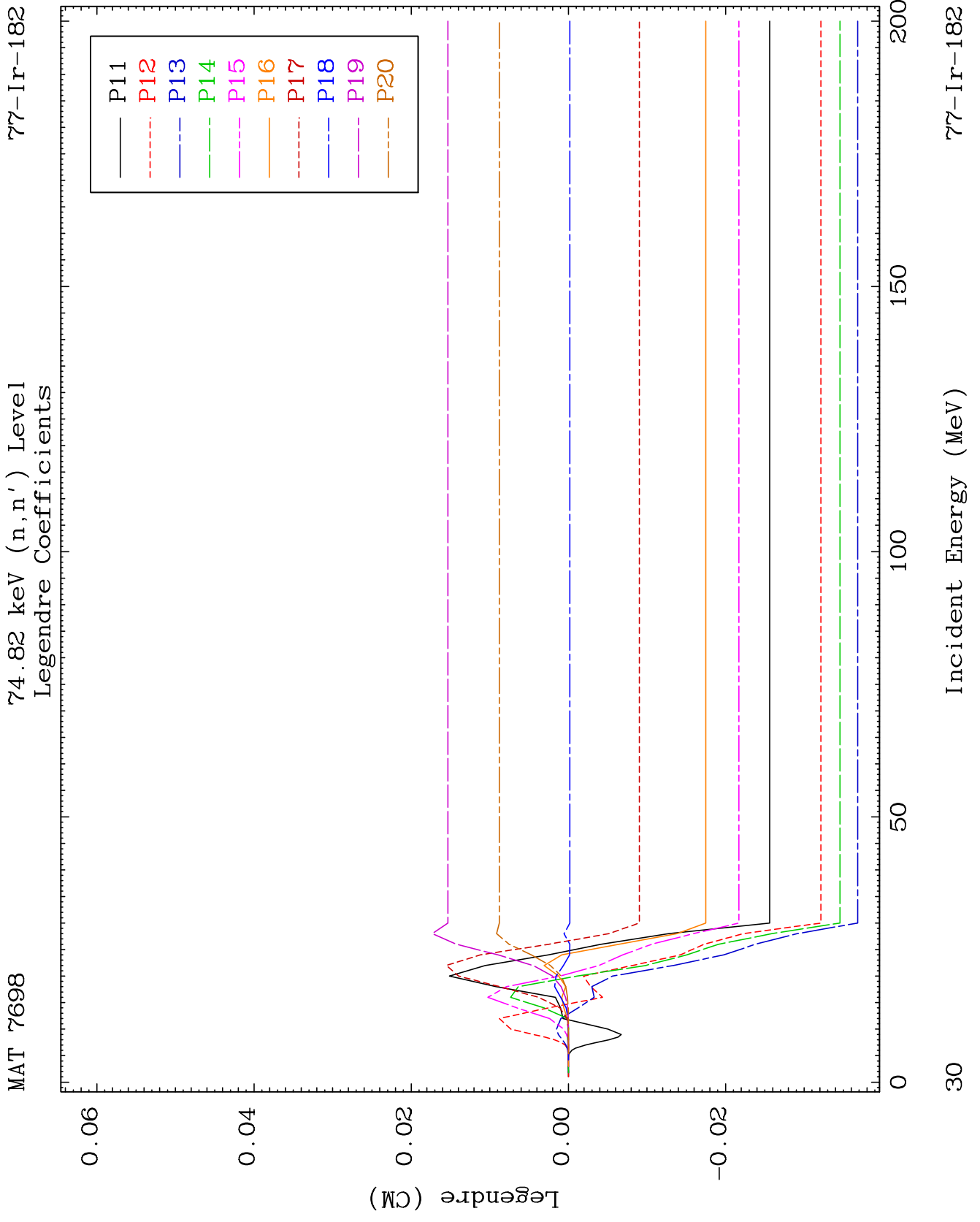
77-Ir-182

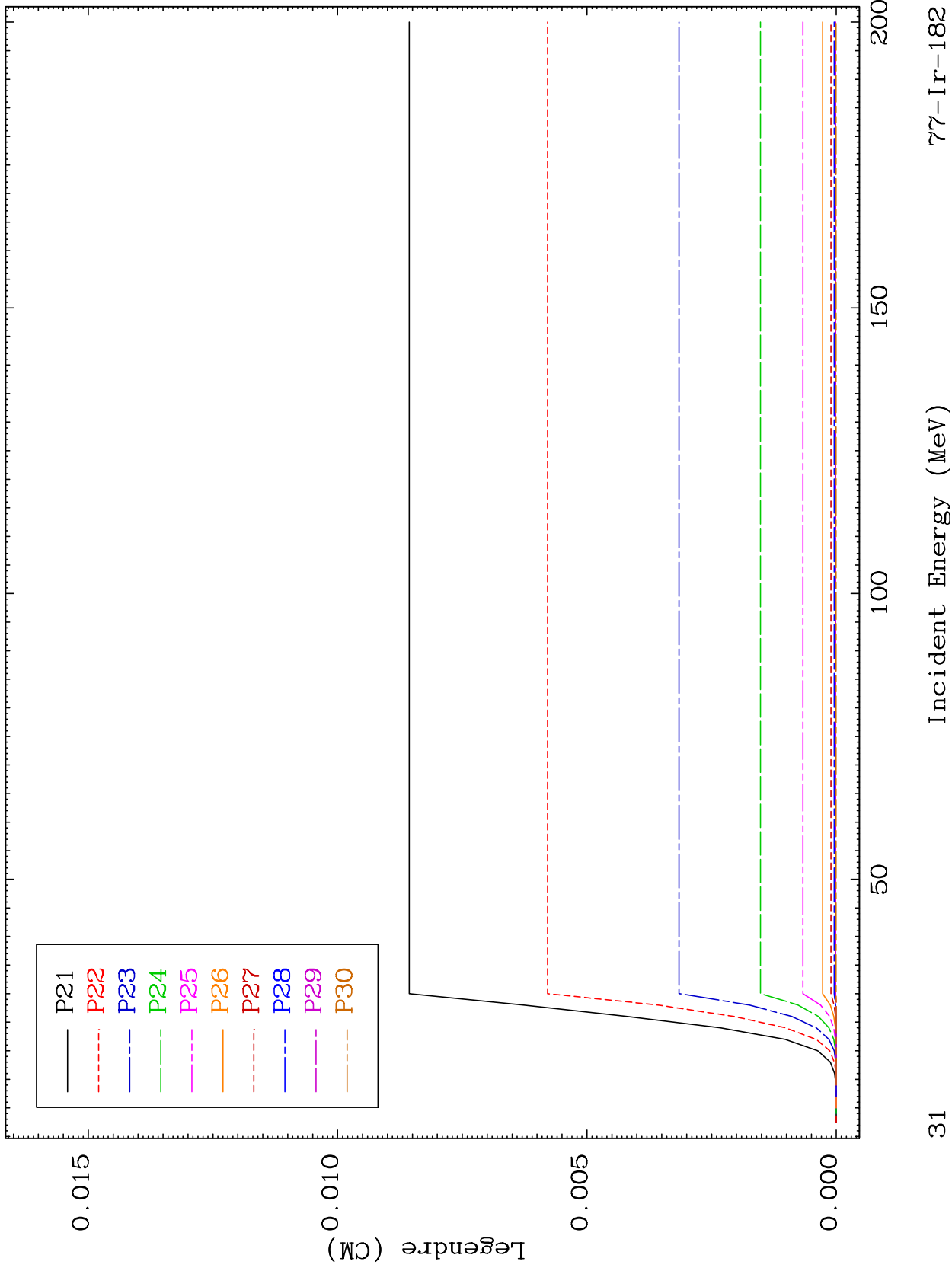


29

Incident Energy (MeV)

77-Ir-182

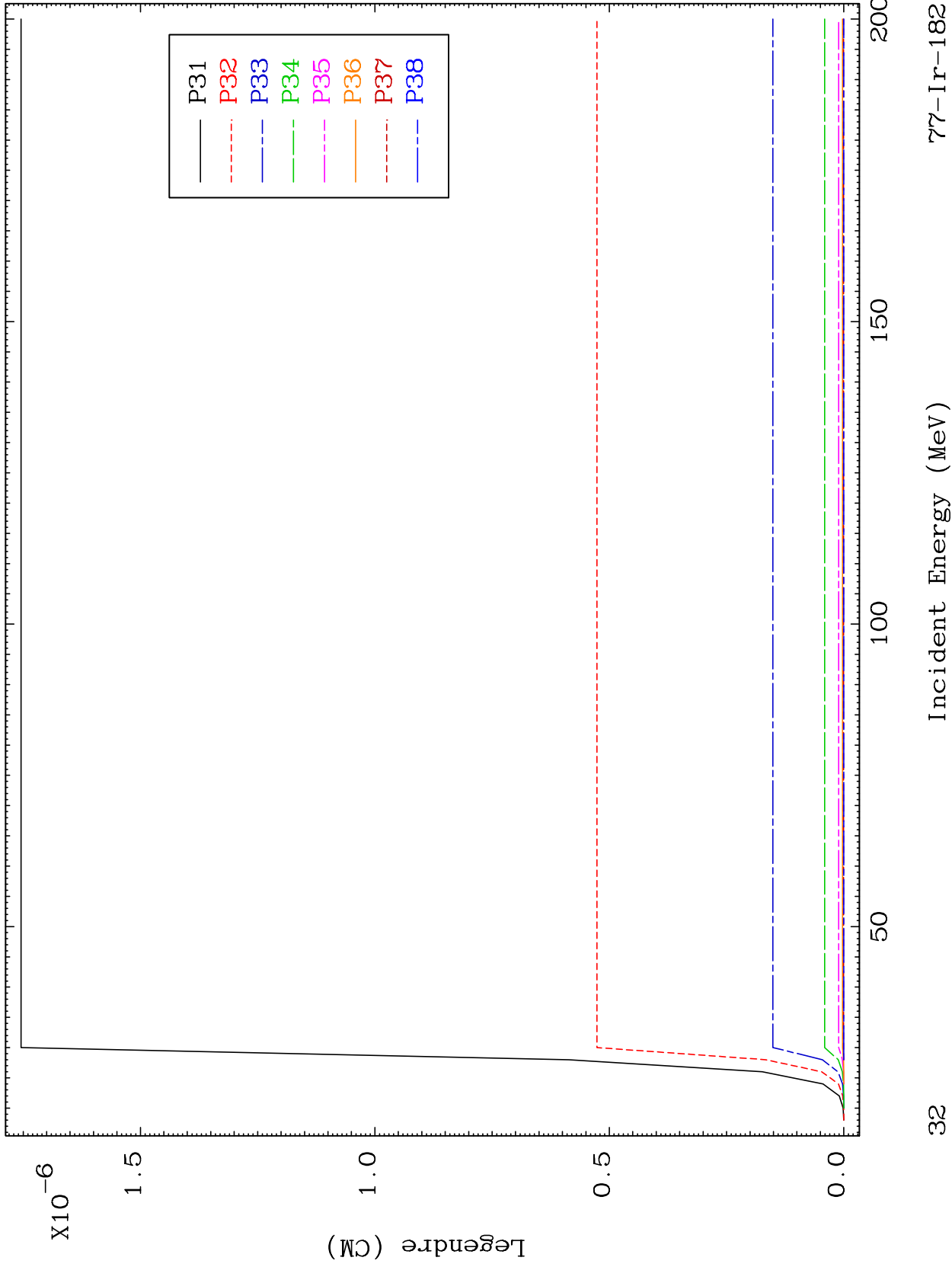




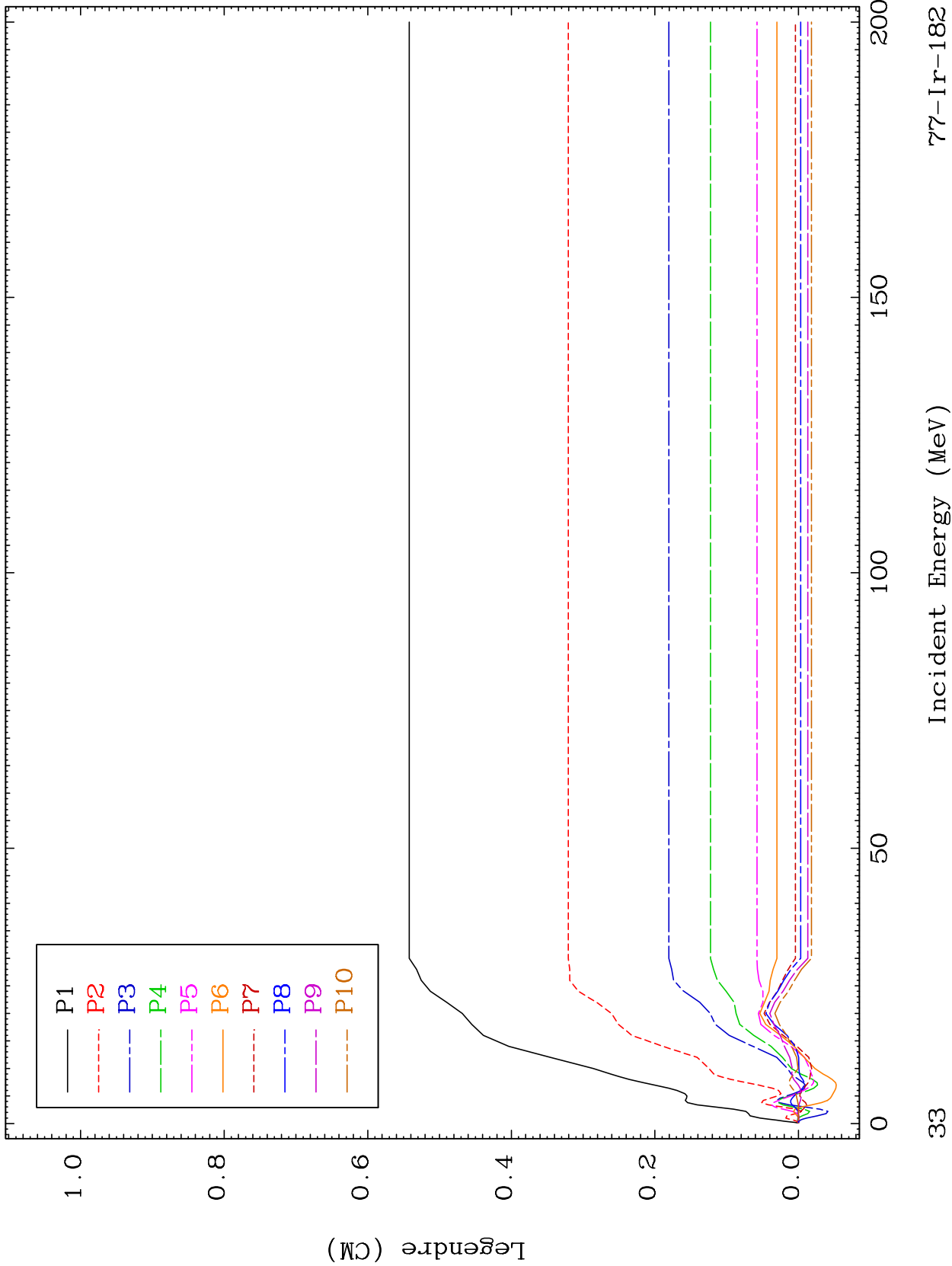
MAT 7698

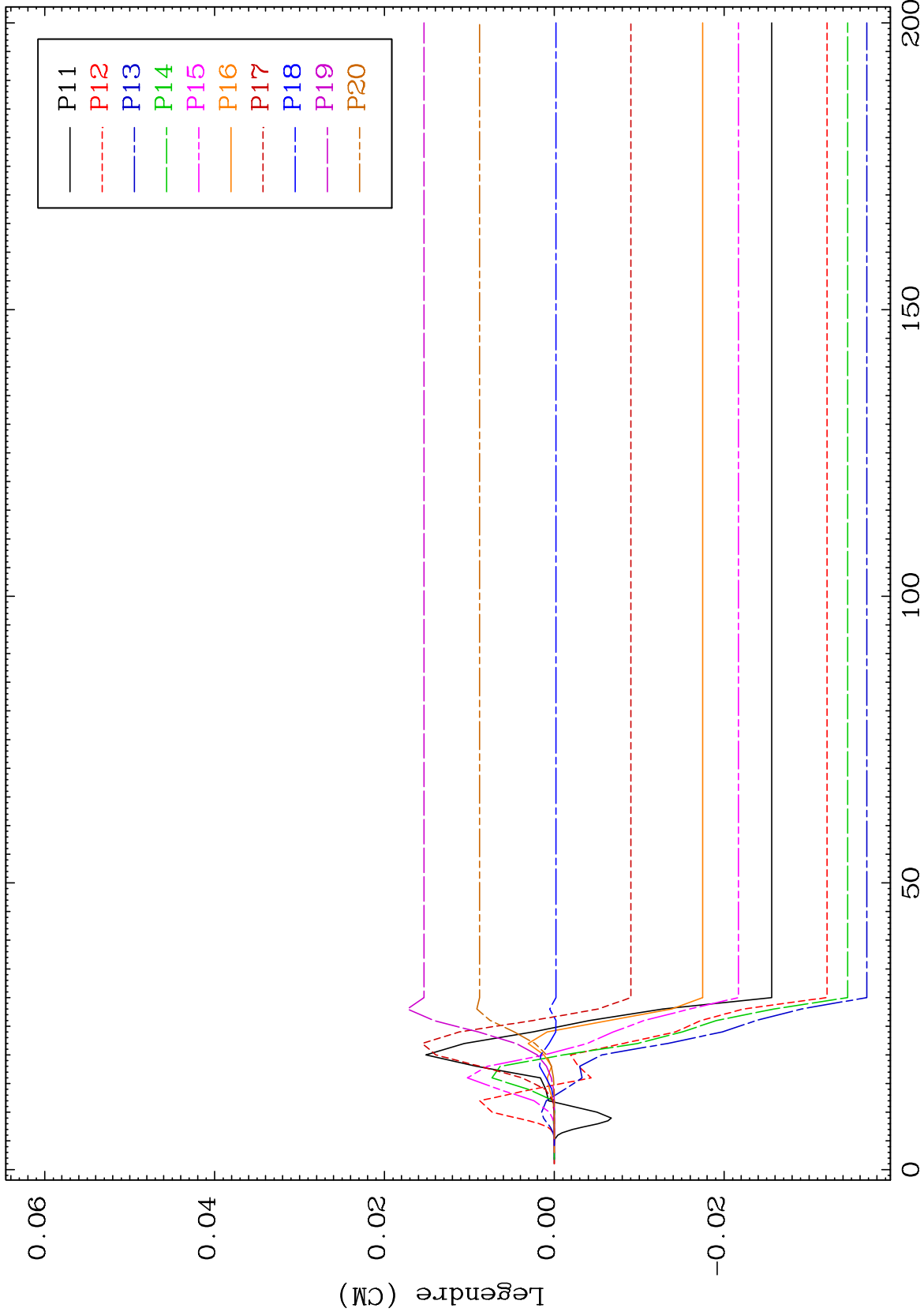
74.82 keV (n,n') Level
Legendre Coefficients

77-Ir-182



32

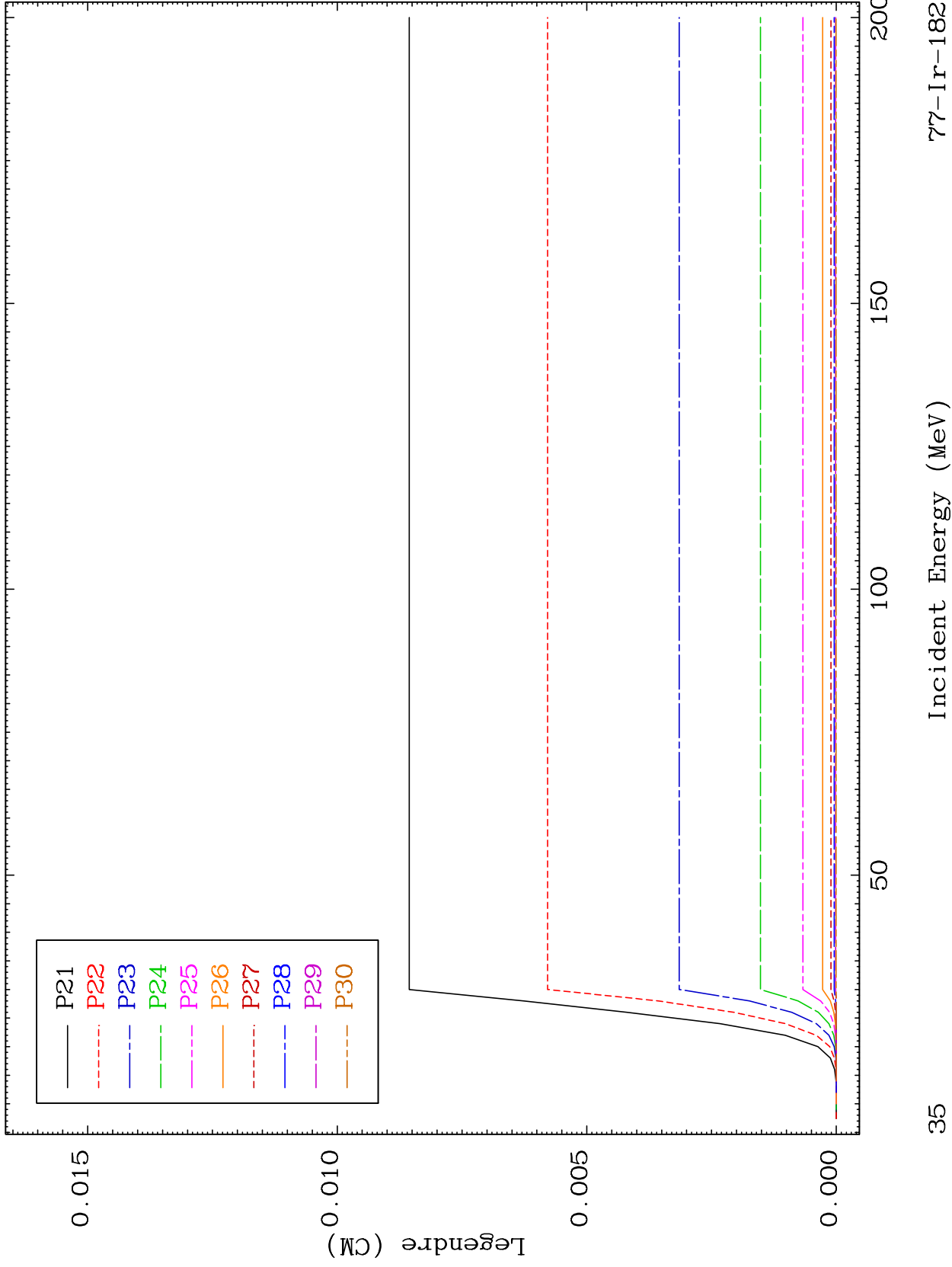




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87.38 keV (n,n') Level
Legendre Coefficients

77-Ir-182



35

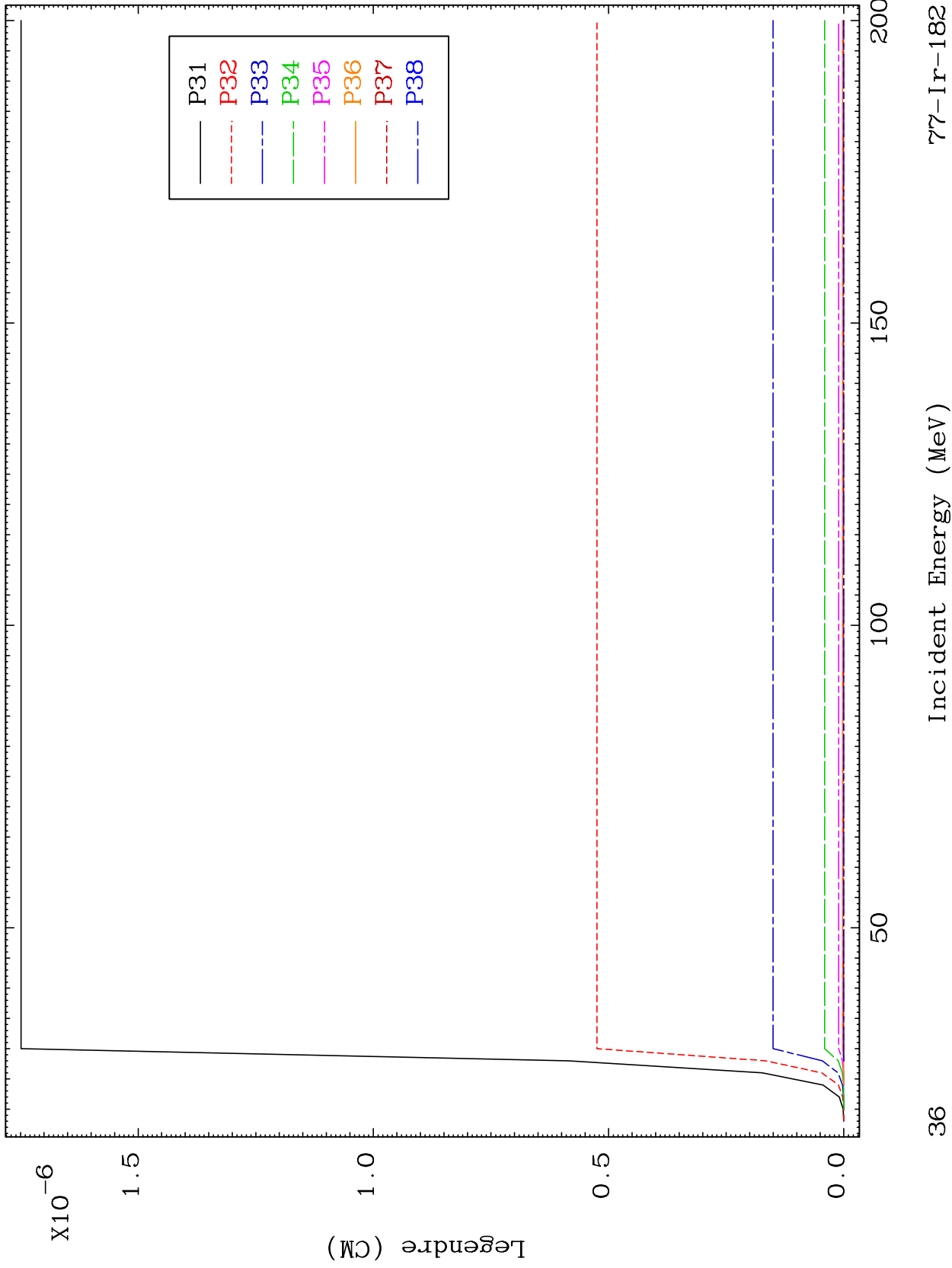
Incident Energy (MeV)

77-Ir-182

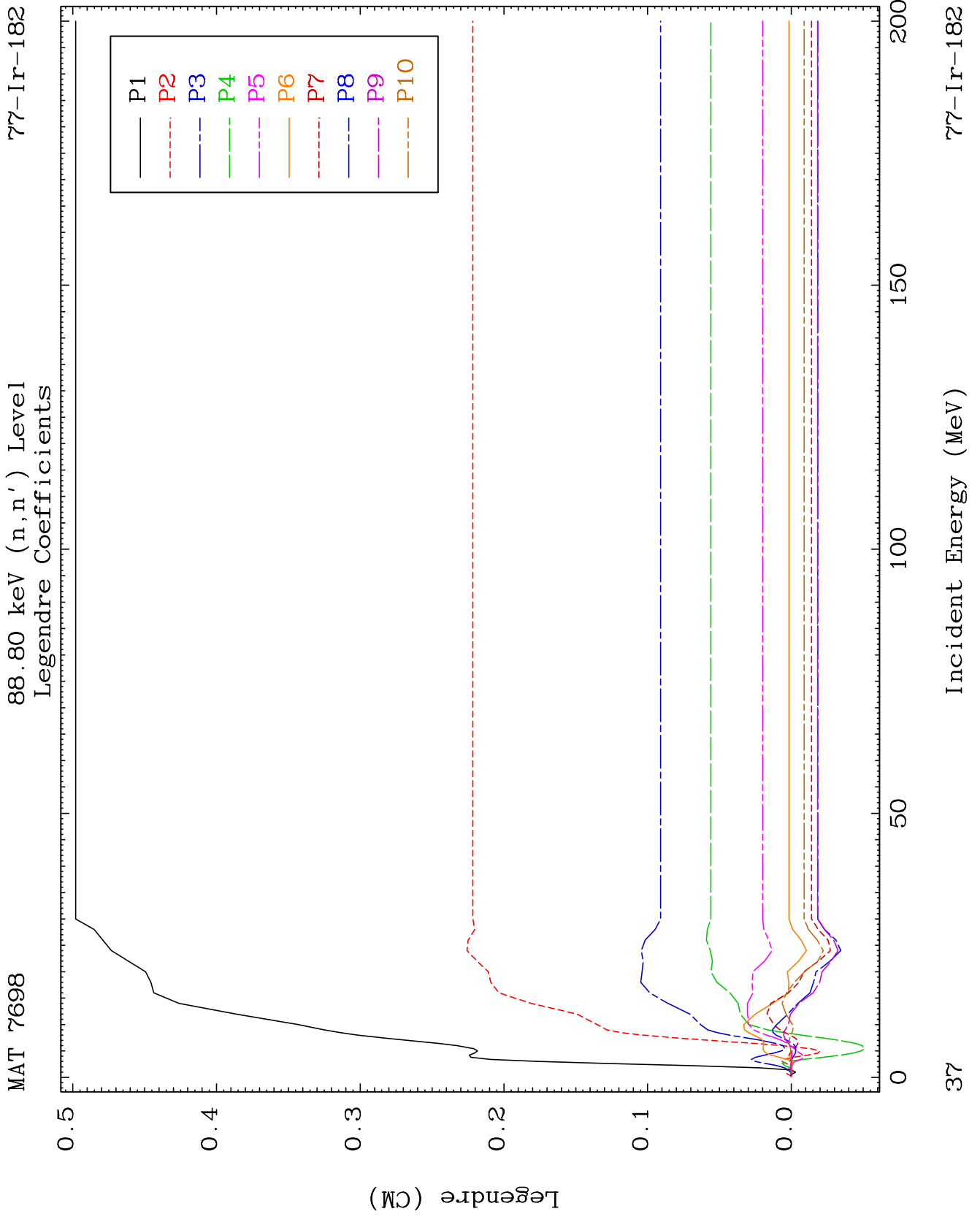
MAT 7698

87.38 keV (n,n') Level
Legendre Coefficients

77-Ir-182



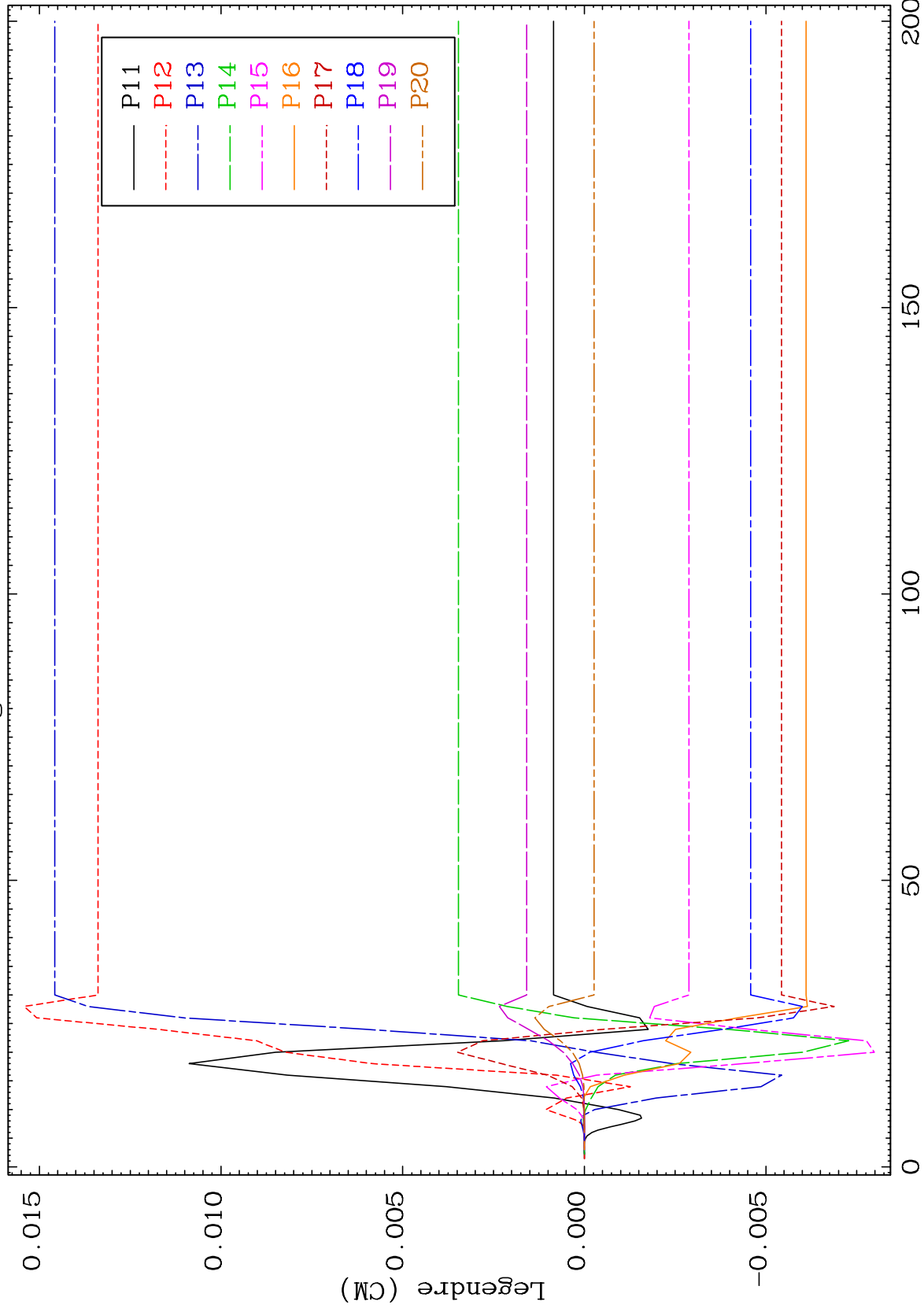
36



MAT 7698

88.80 keV (n,n') Level
Legendre Coefficients

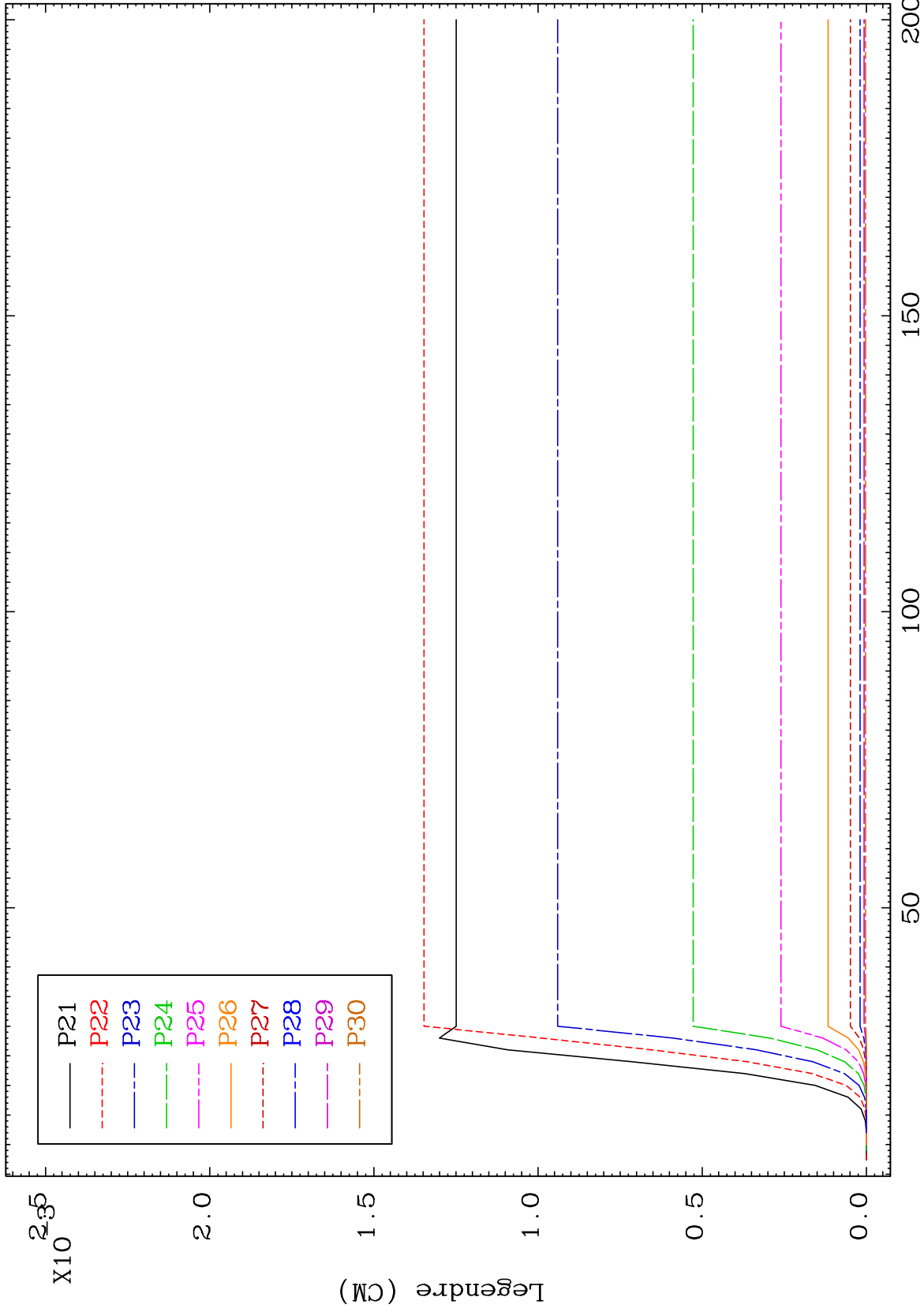
77-Ir-182



38

Incident Energy (MeV)

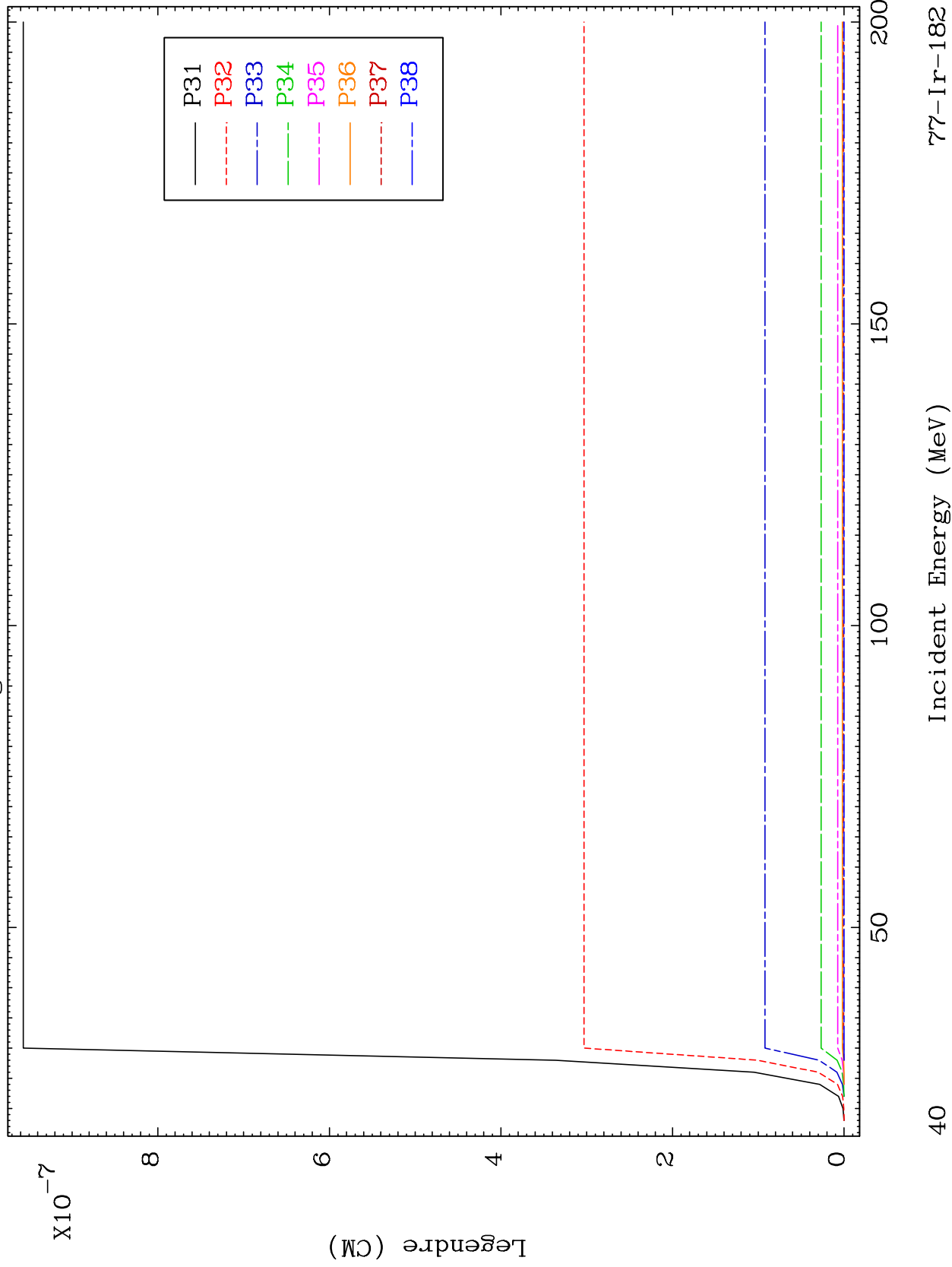
77-Ir-182



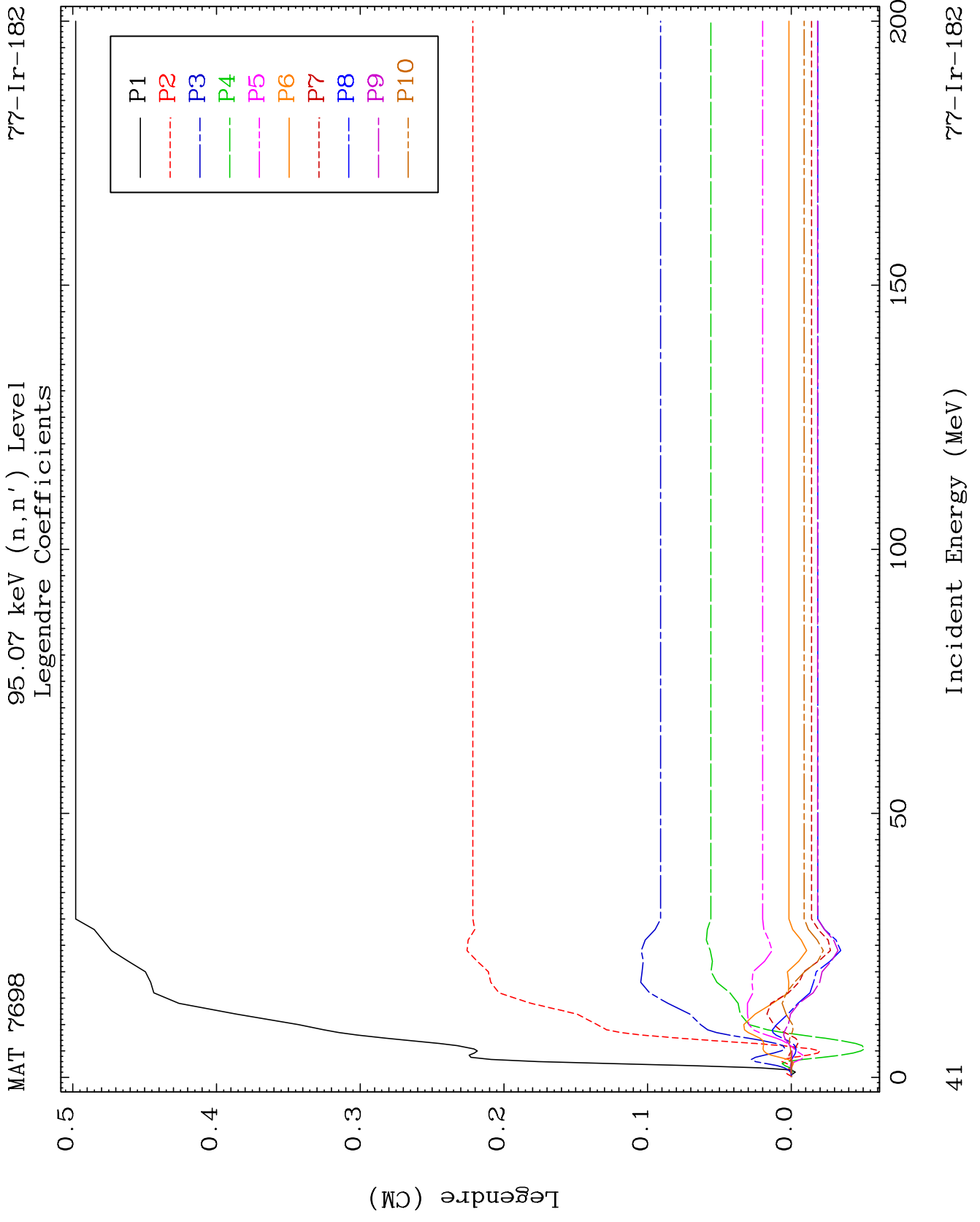
MAT 7698

88.80 keV (n,n') Level
Legendre Coefficients

77-Ir-182



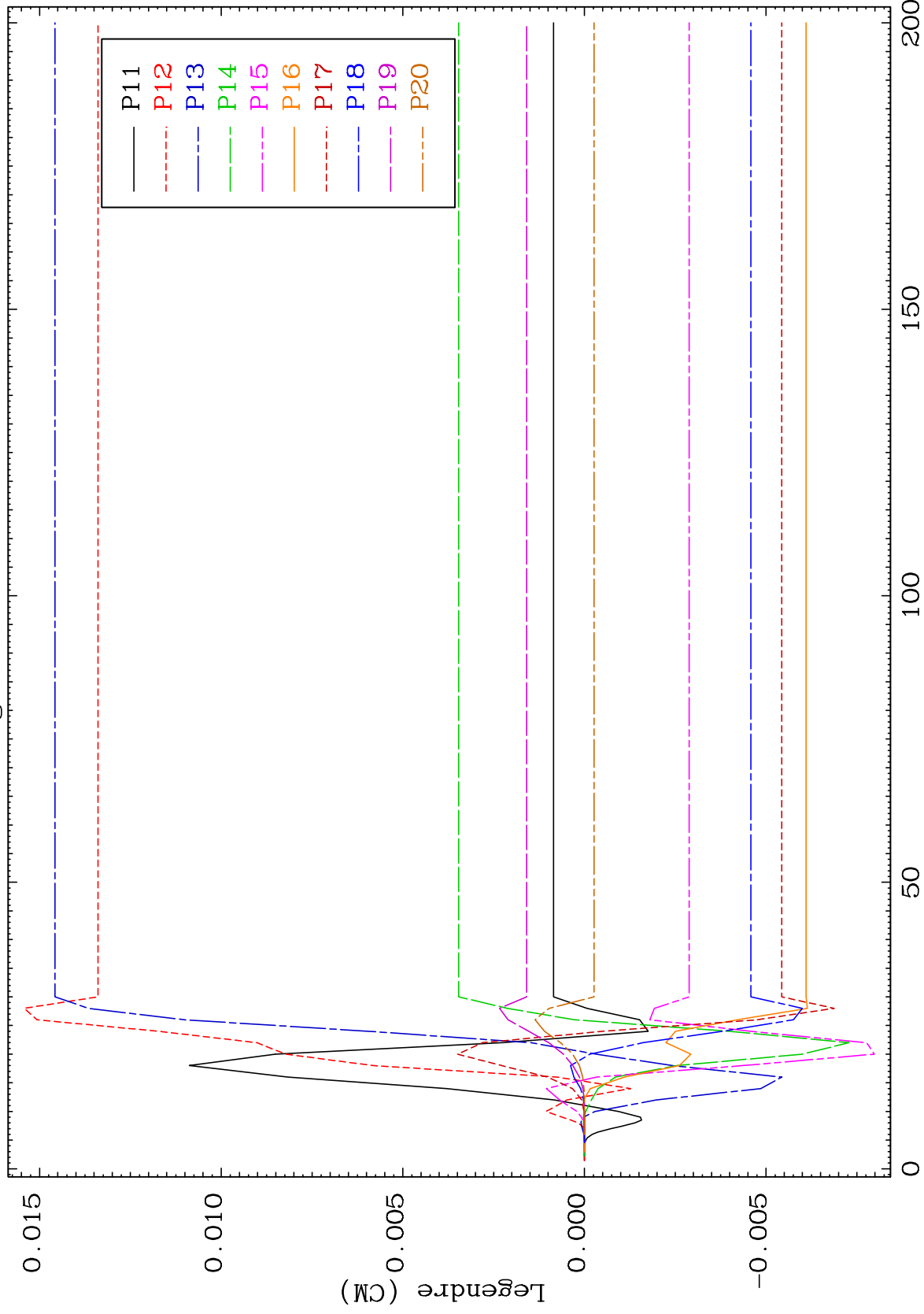
77-Ir-182



MAT 7698

95.07 keV (n,n') Level
Legendre Coefficients

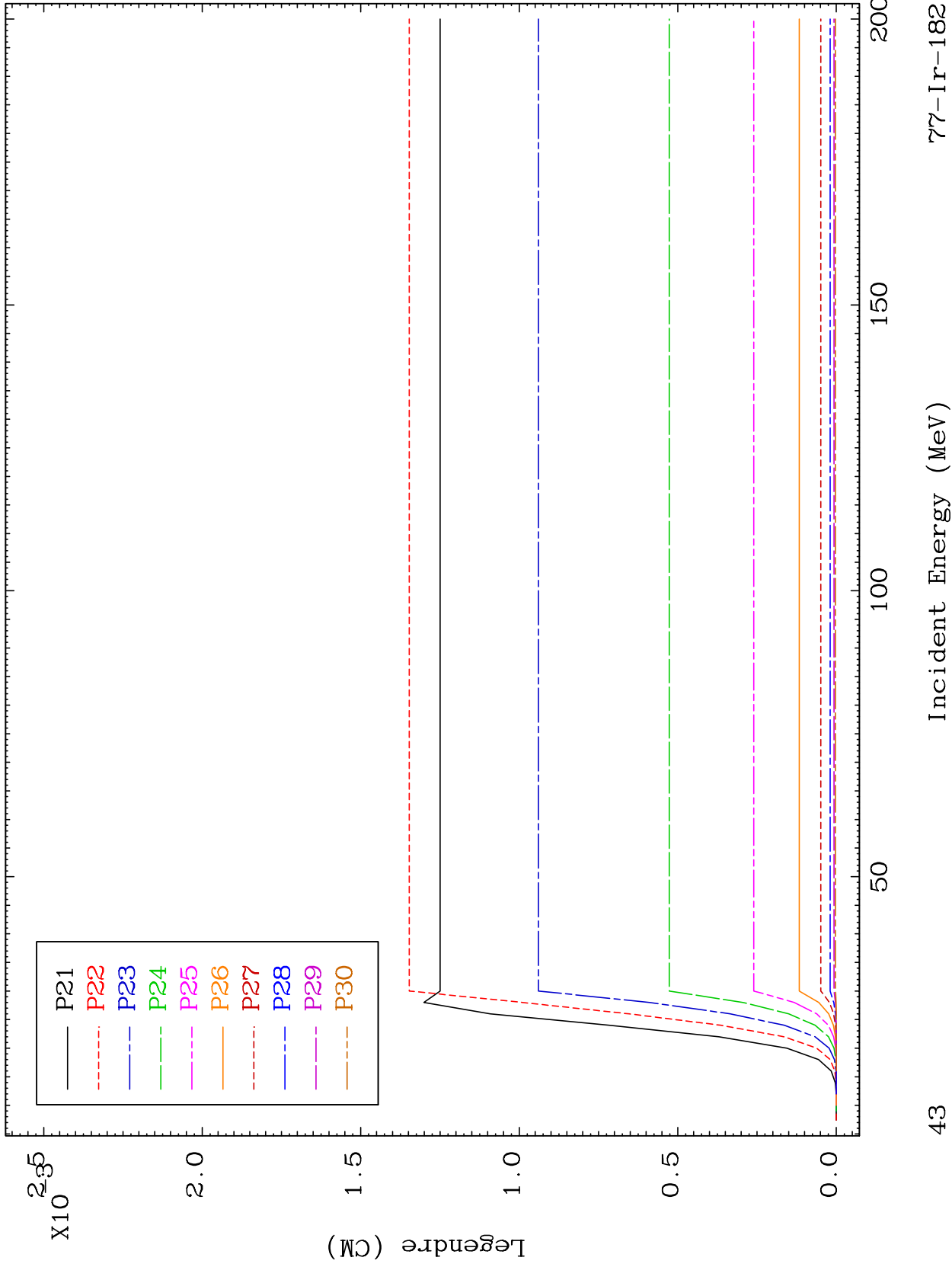
77-Ir-182



42

Incident Energy (MeV)

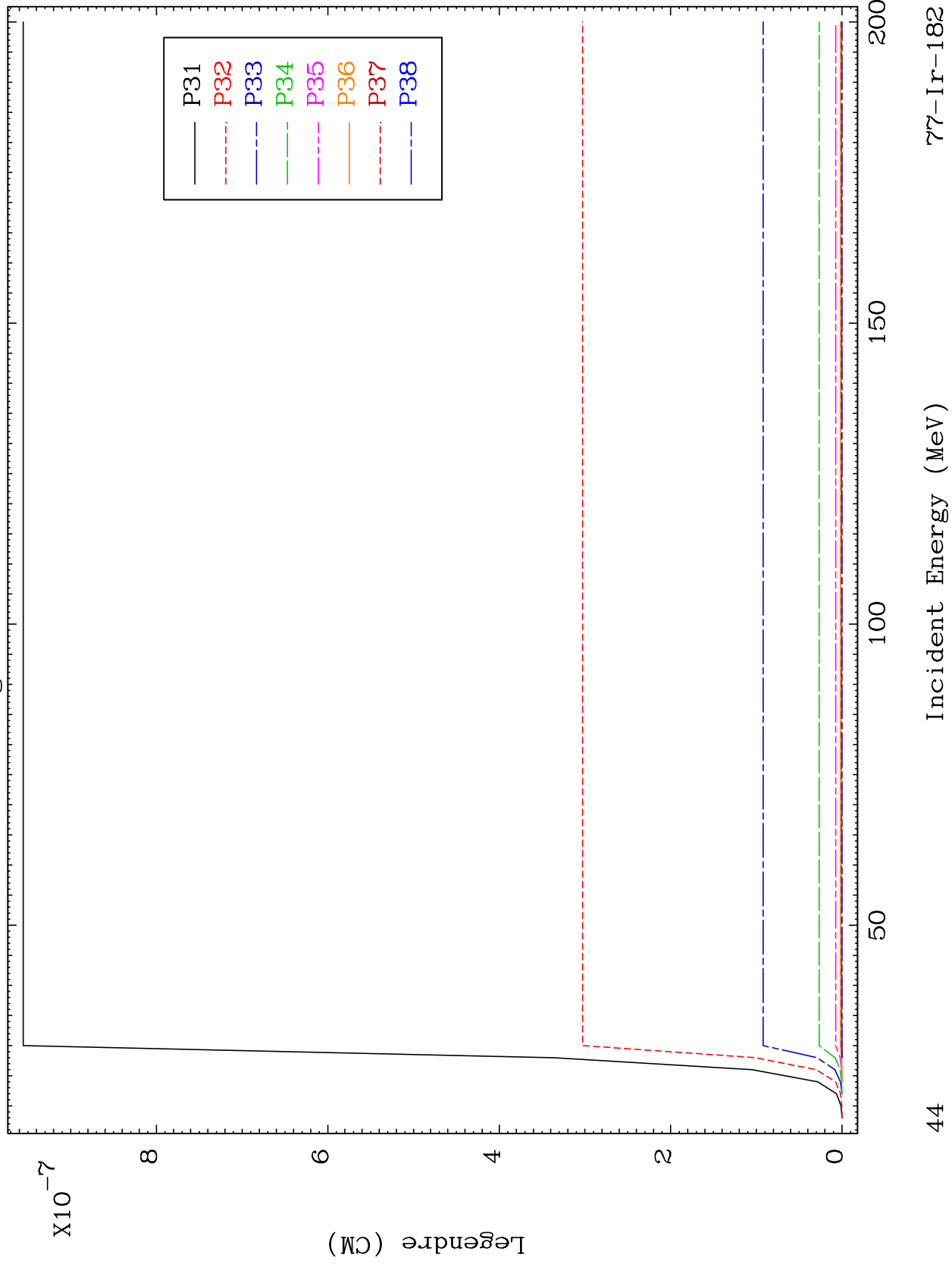
77-Ir-182



MAT 7698

95.07 keV (n,n') Level
Legendre Coefficients

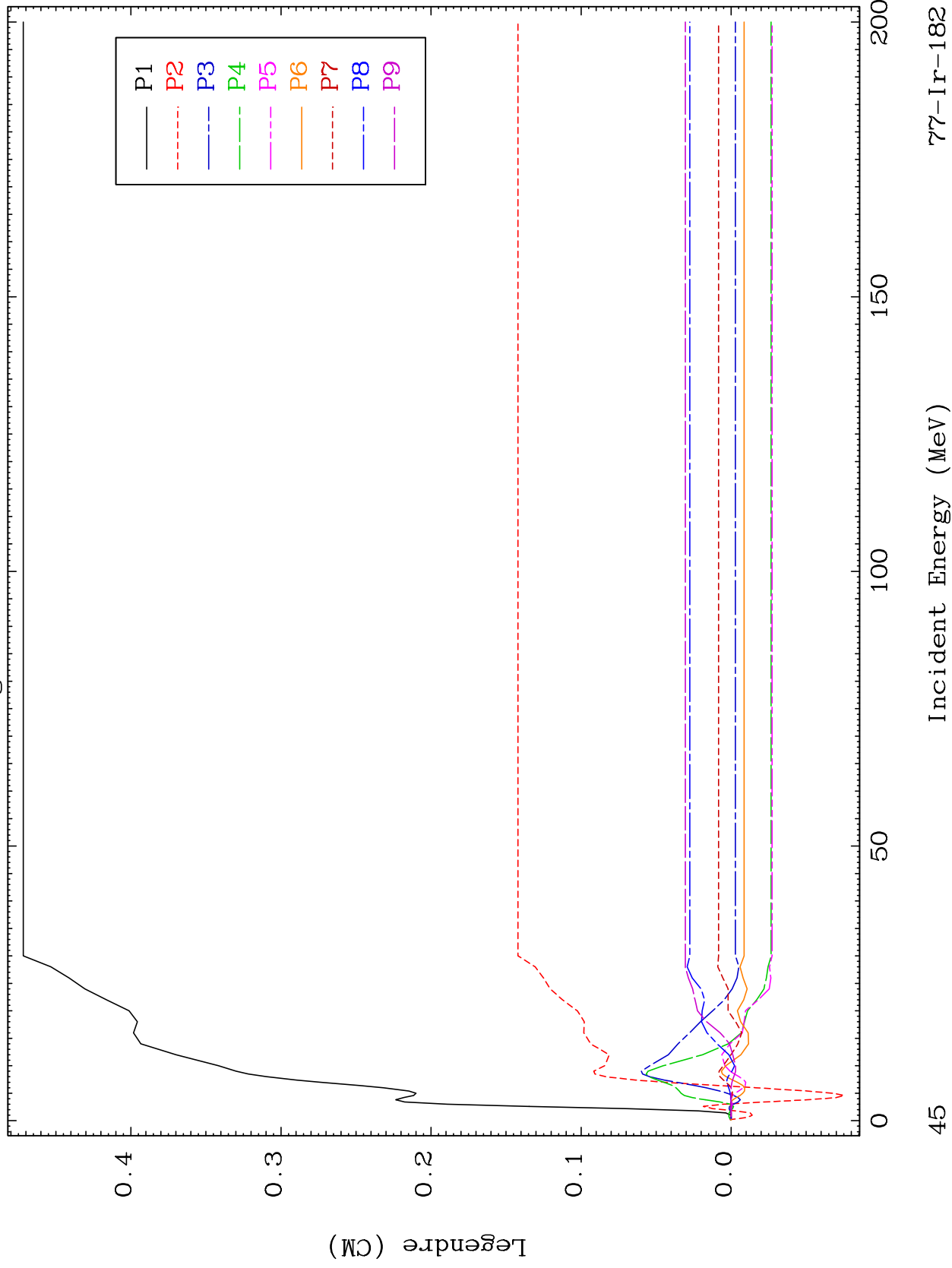
77-Ir-182



MAT 7698

109.9 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-182

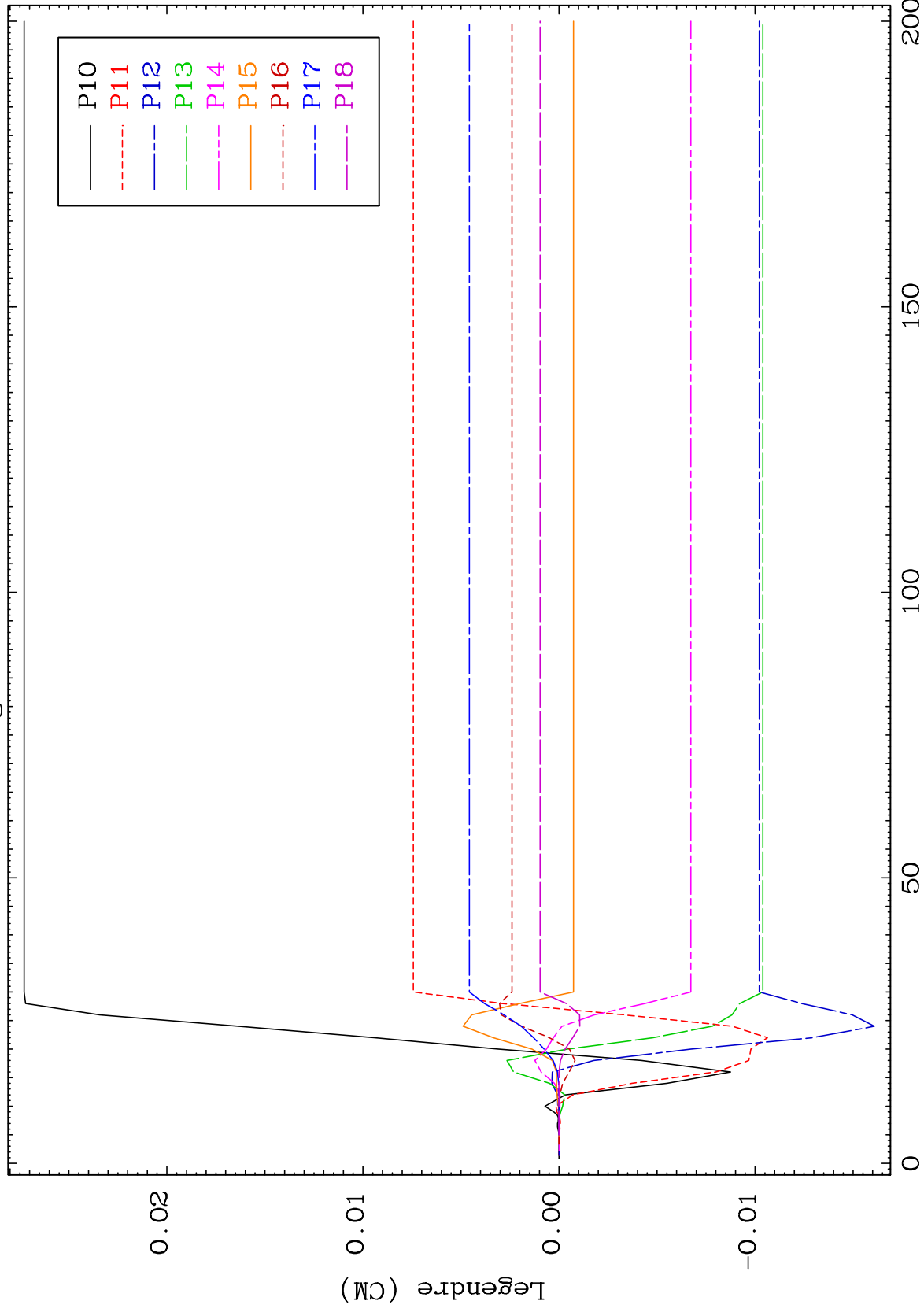


⁷⁷Ir-182

MAT 7698

109.9 keV (n,n') Level
Legendre Coefficients

77-Ir-182



46

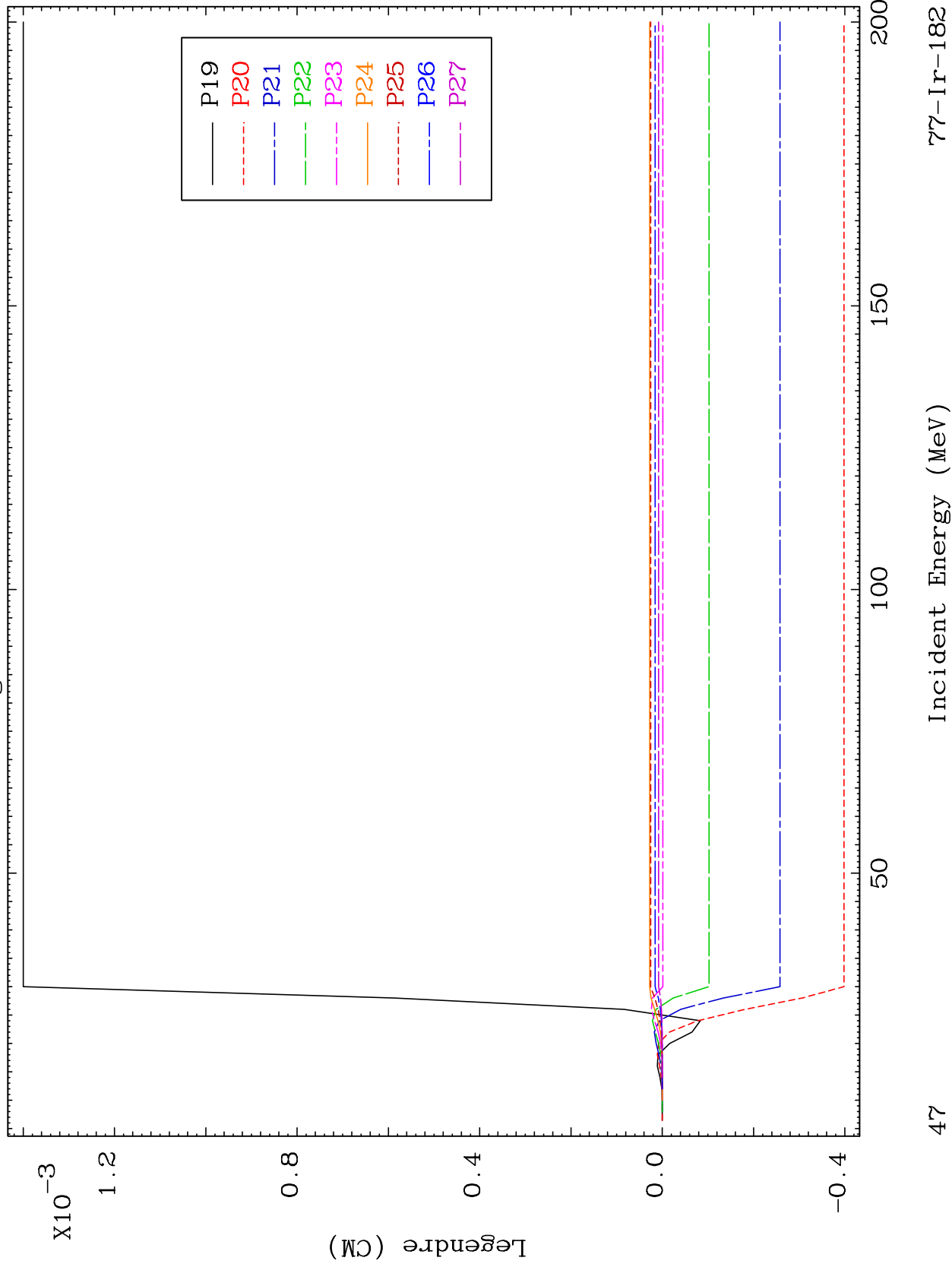
Incident Energy (MeV)

77-Ir-182

MAT 7698

109.9 keV (n,n') Level
Legendre Coefficients

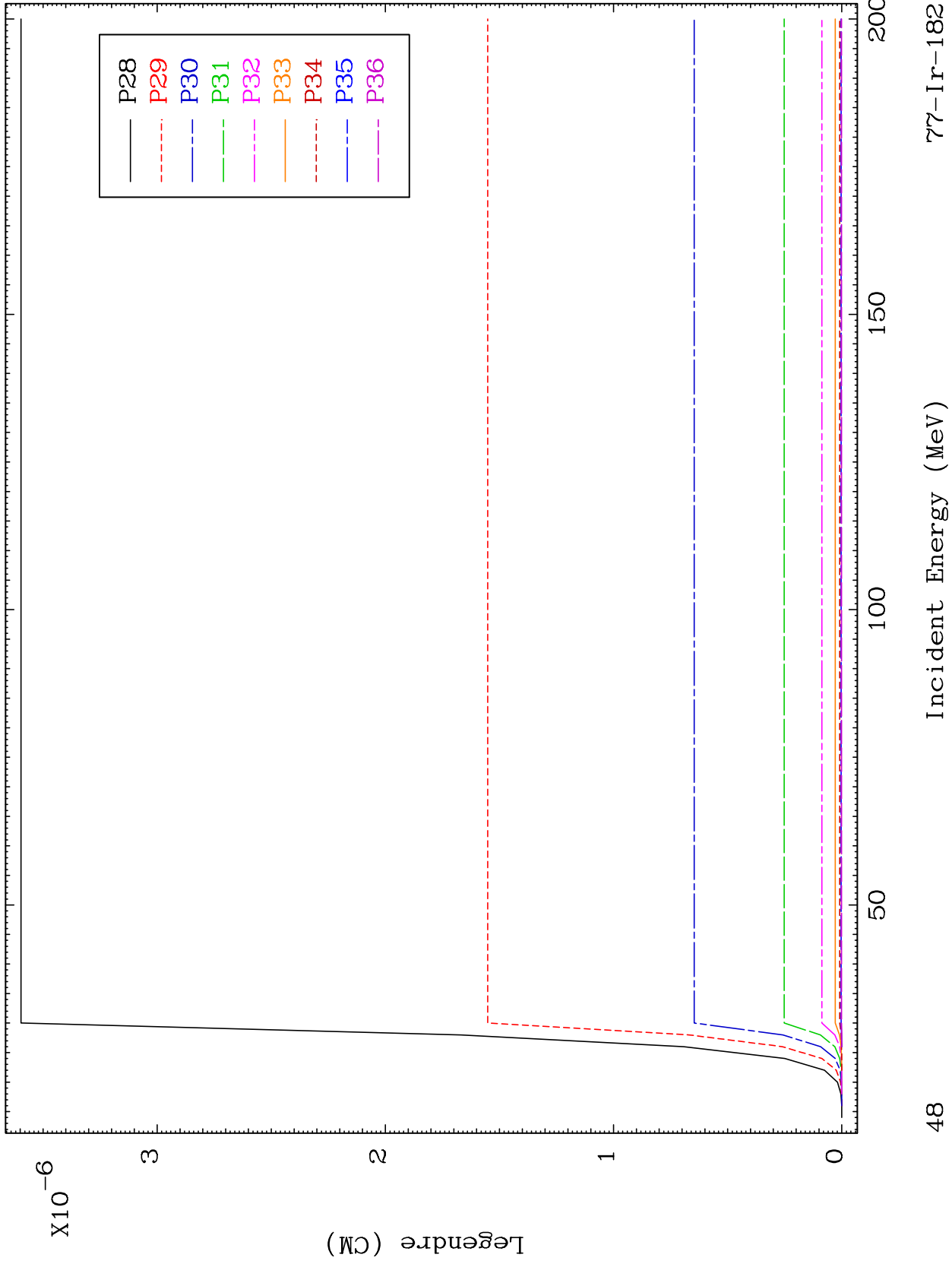
77-Ir-182



MAT 7698

109.9 keV (n,n') Level
Legendre Coefficients

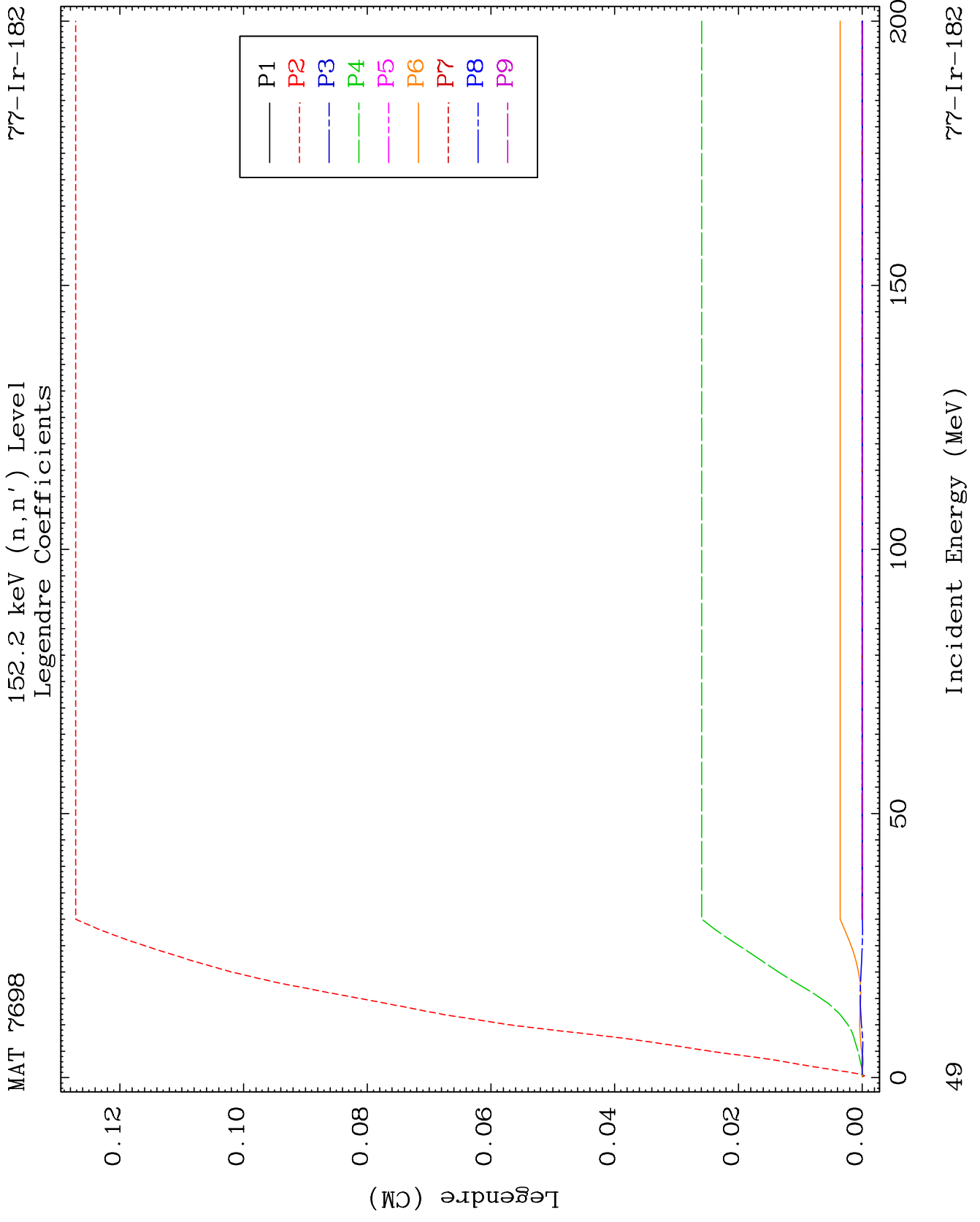
77-Ir-182



48

Incident Energy (MeV)

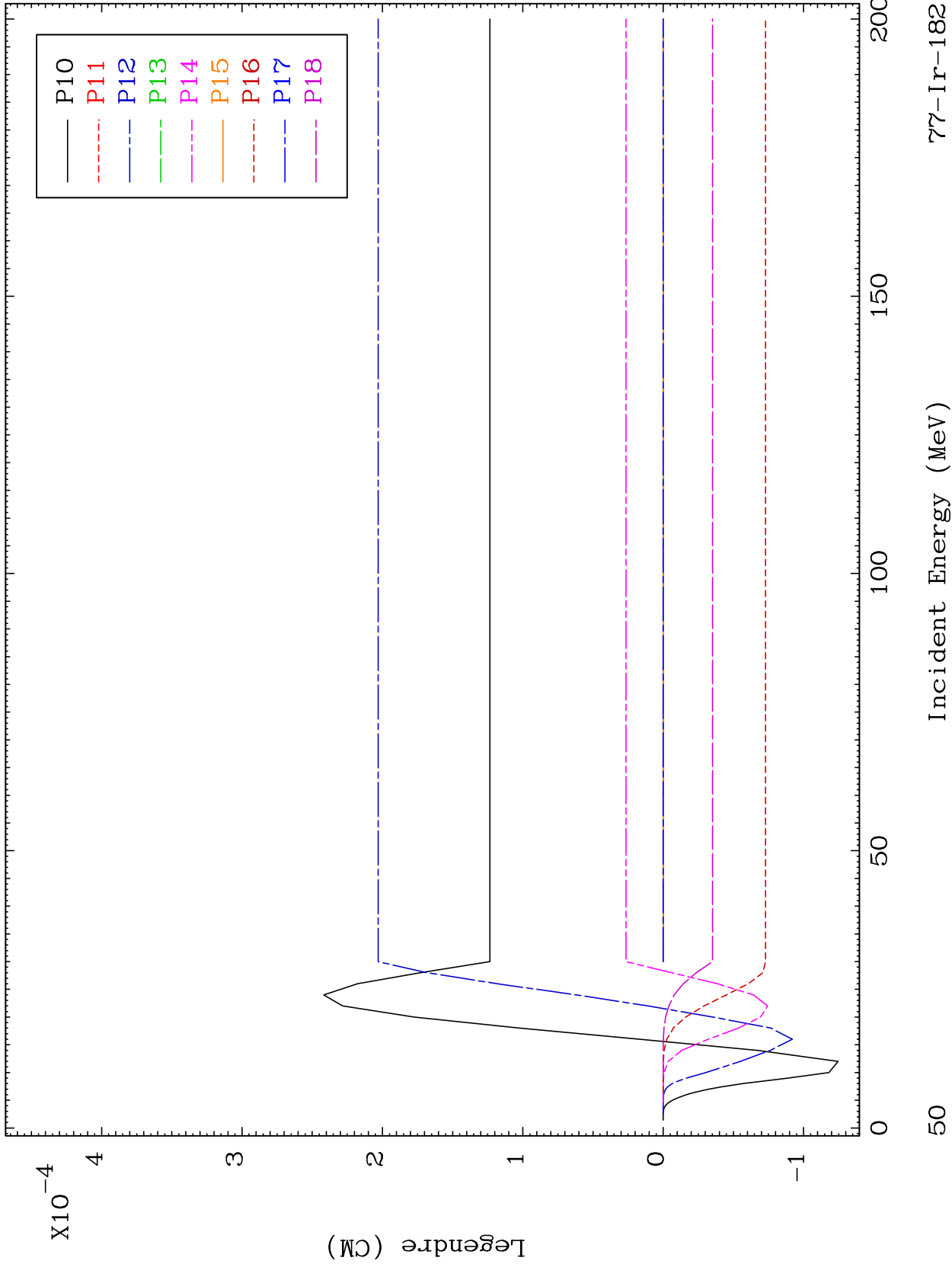
77-Ir-182



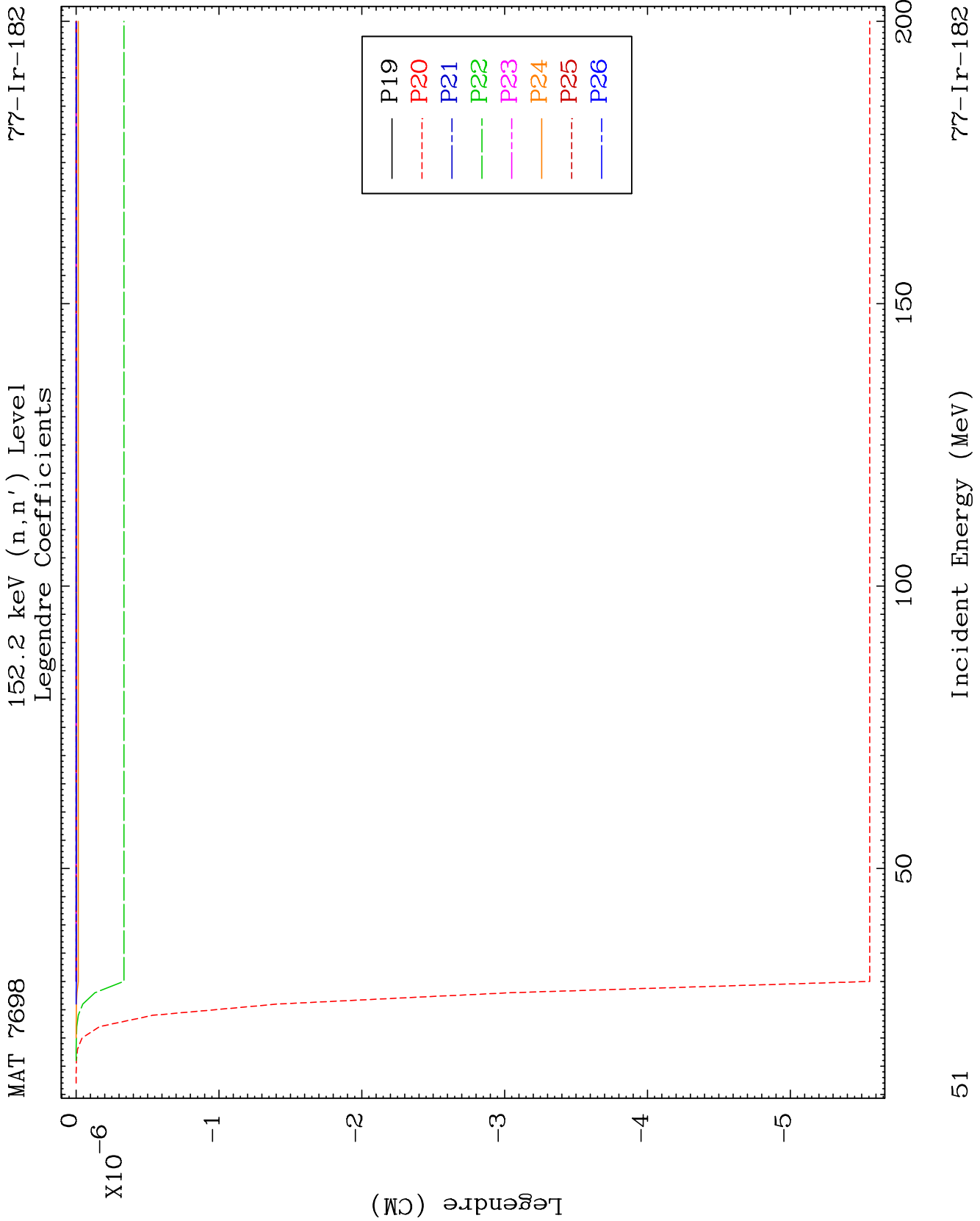
MAT 7698

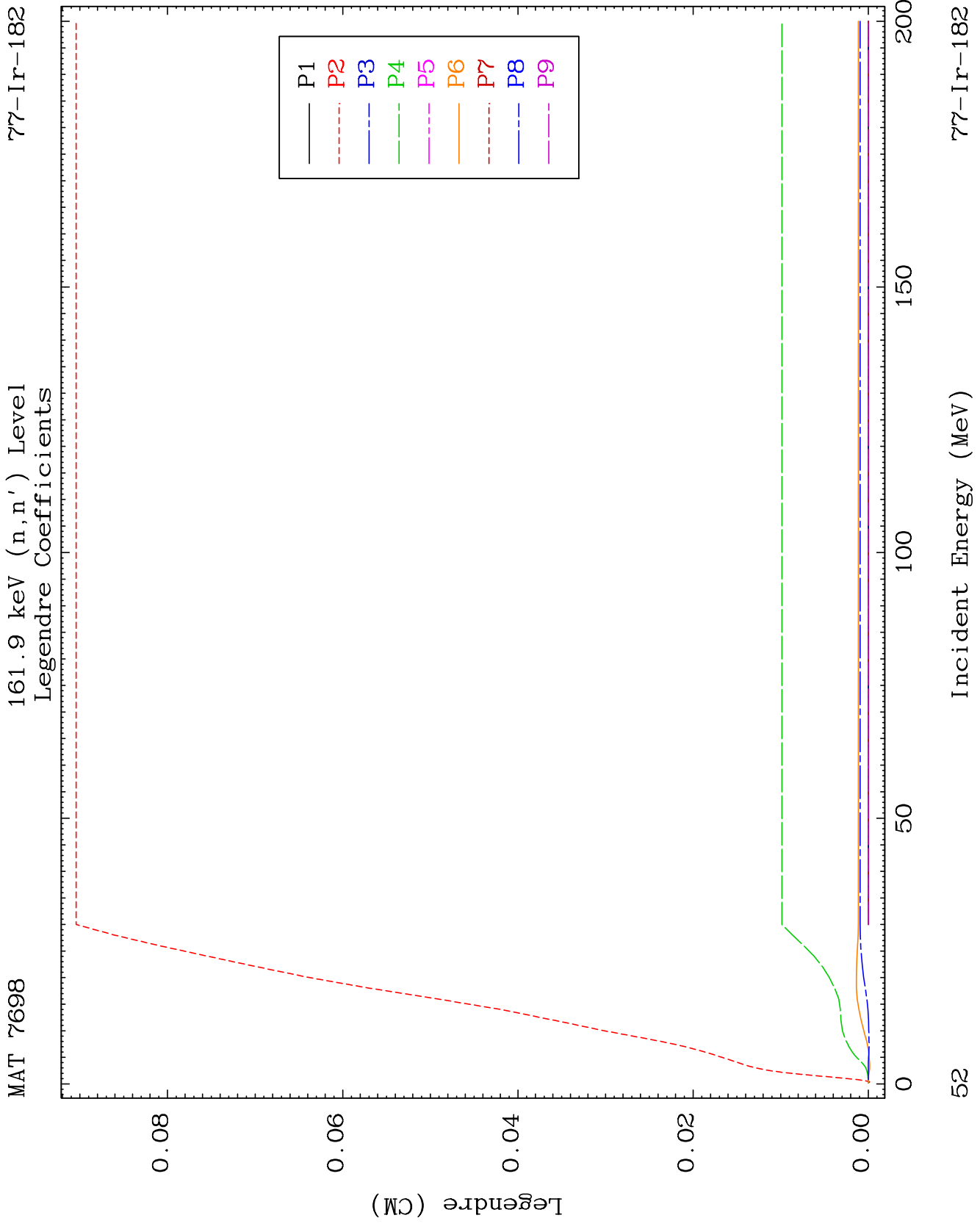
152.2 keV (n,n') Level
Legendre Coefficients

77-Ir-182



77-Ir-182

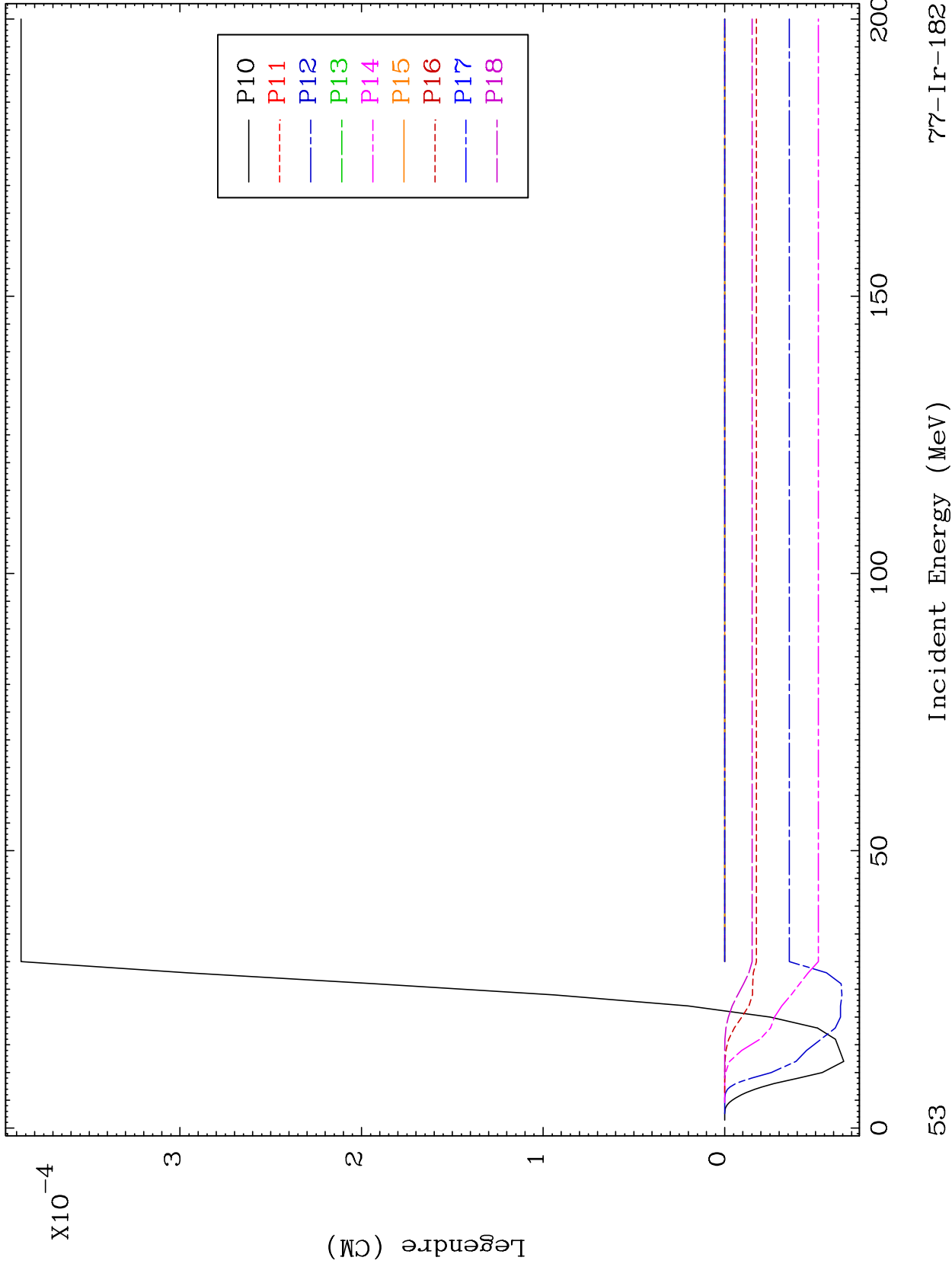




MAT 7698

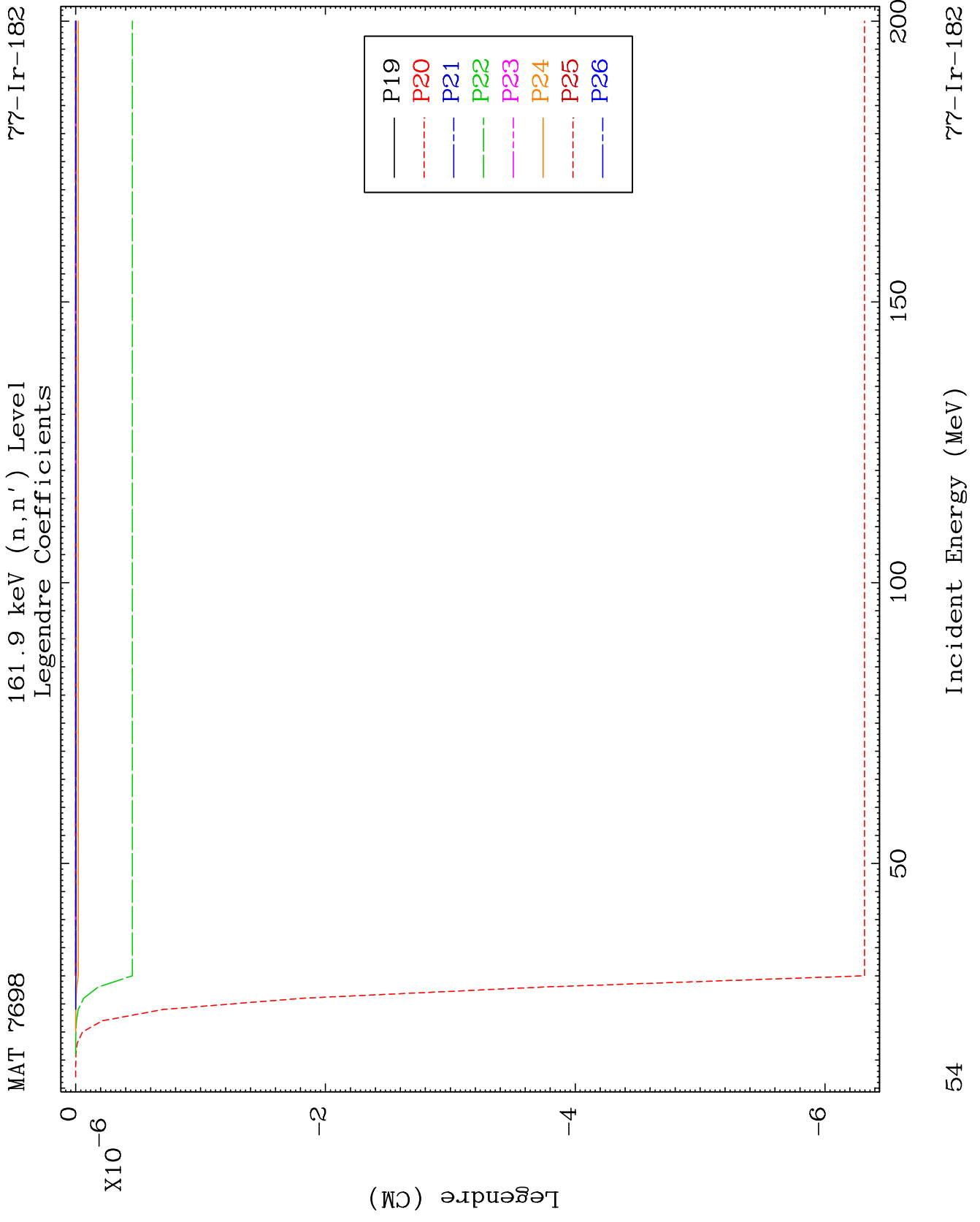
161.9 keV (n,n') Level
Legendre Coefficients

77-Ir-182



53

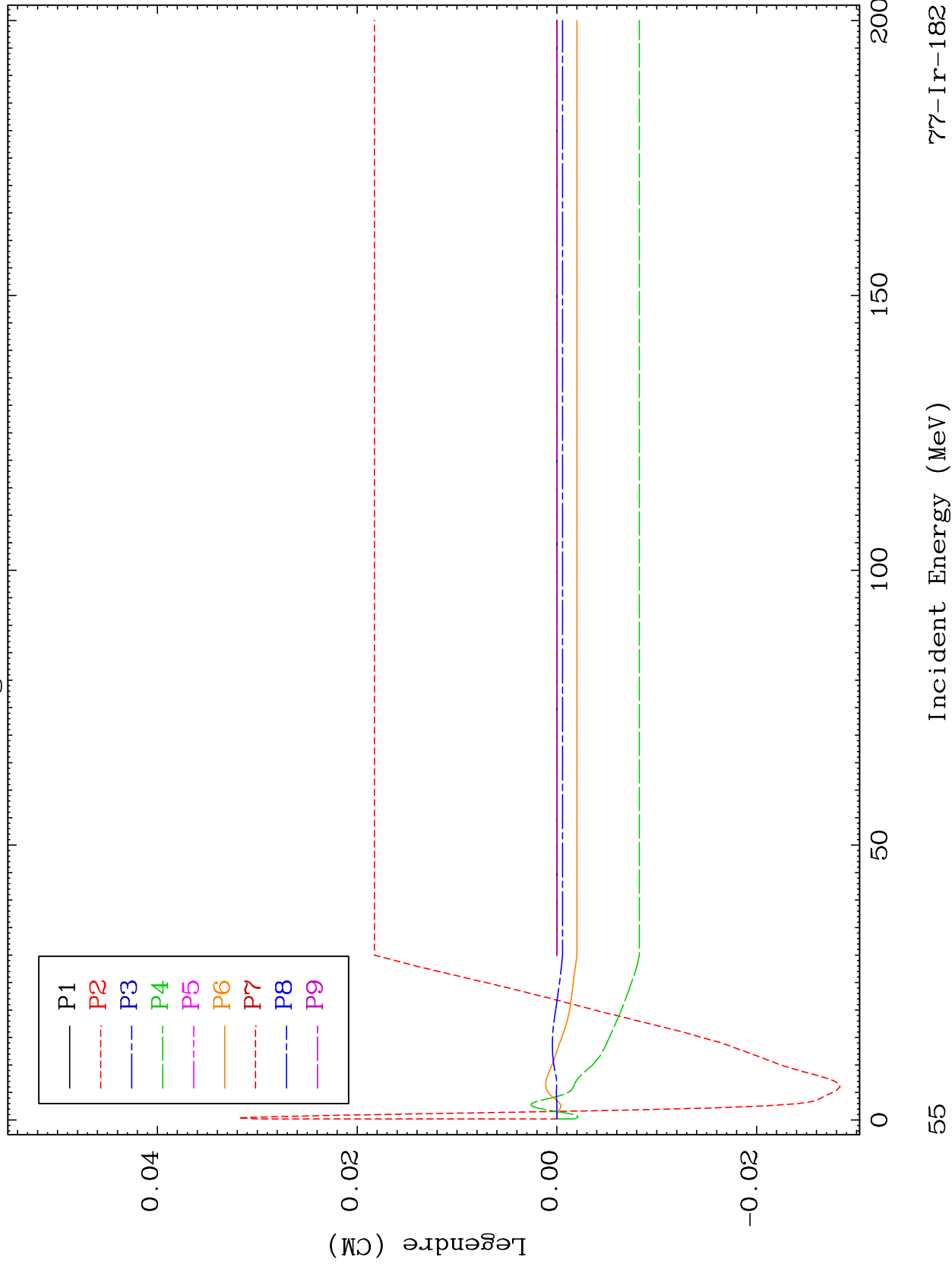
77-Ir-182



MAT 7698

171.4 keV (n,n') Level
Legendre Coefficients

77-Ir-182



77-Ir-182

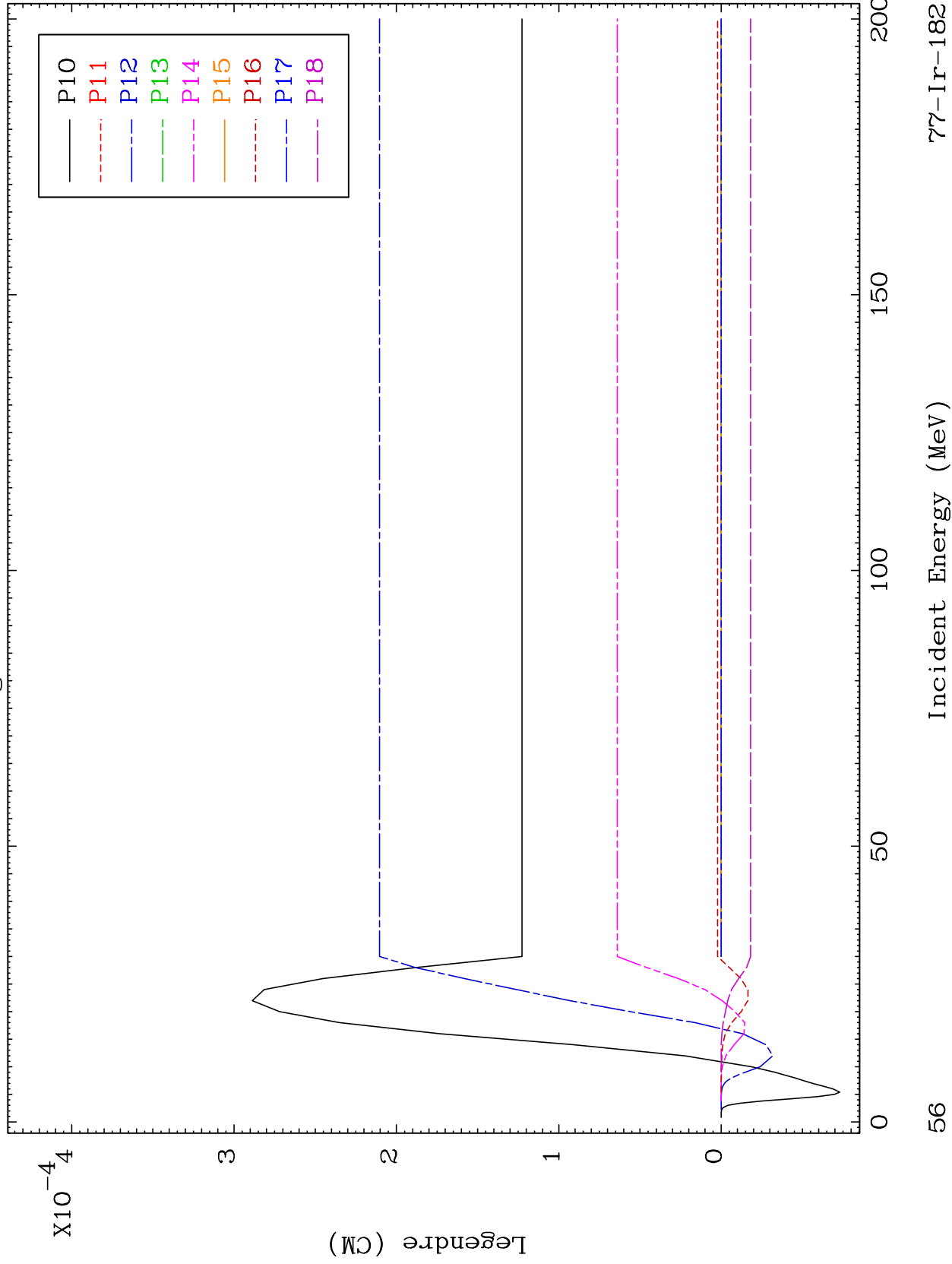
Incident Energy (MeV)

55

MAT 7698

171.4 keV (n,n') Level
Legendre Coefficients

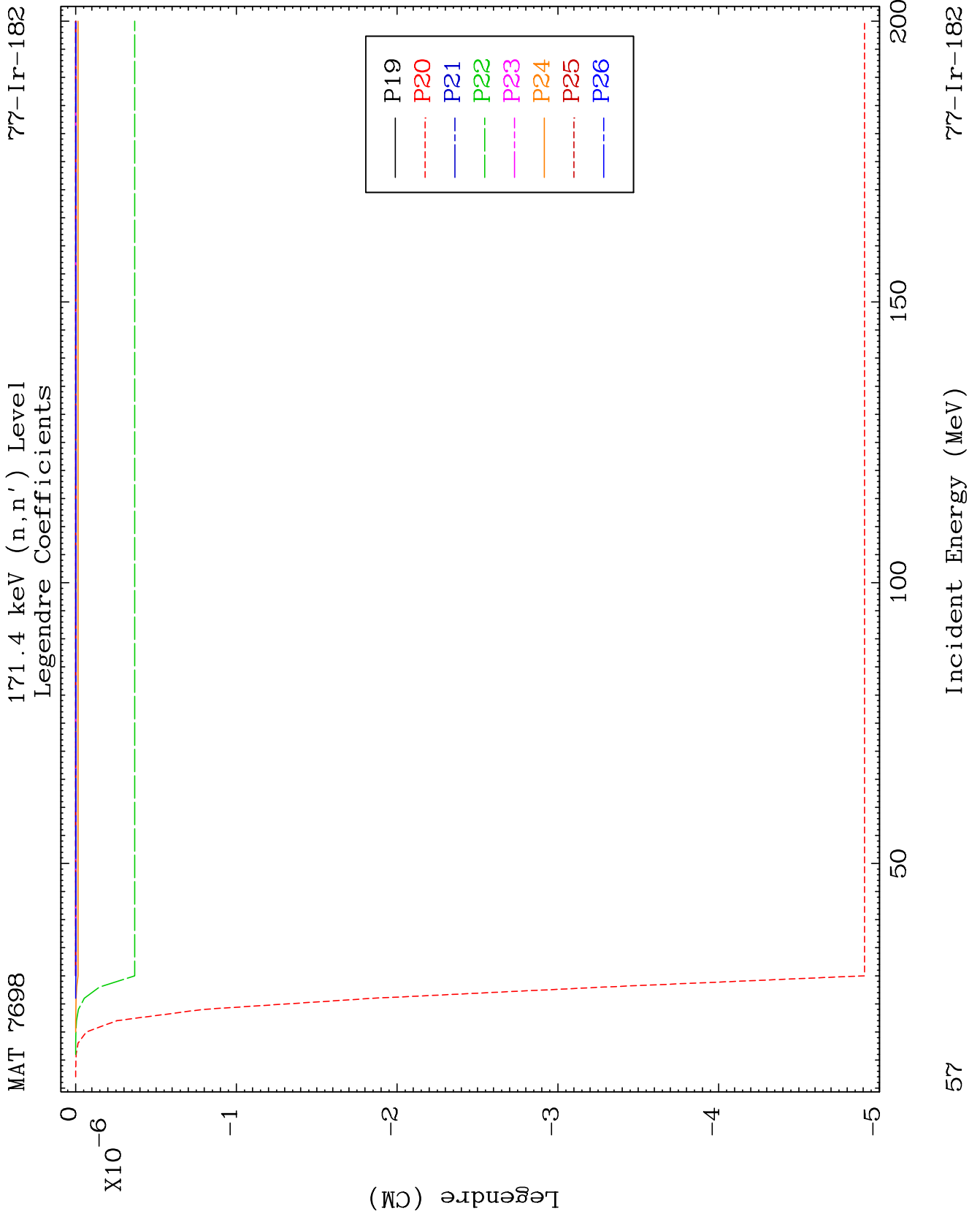
77-Ir-182



77-Ir-182

Incident Energy (MeV)

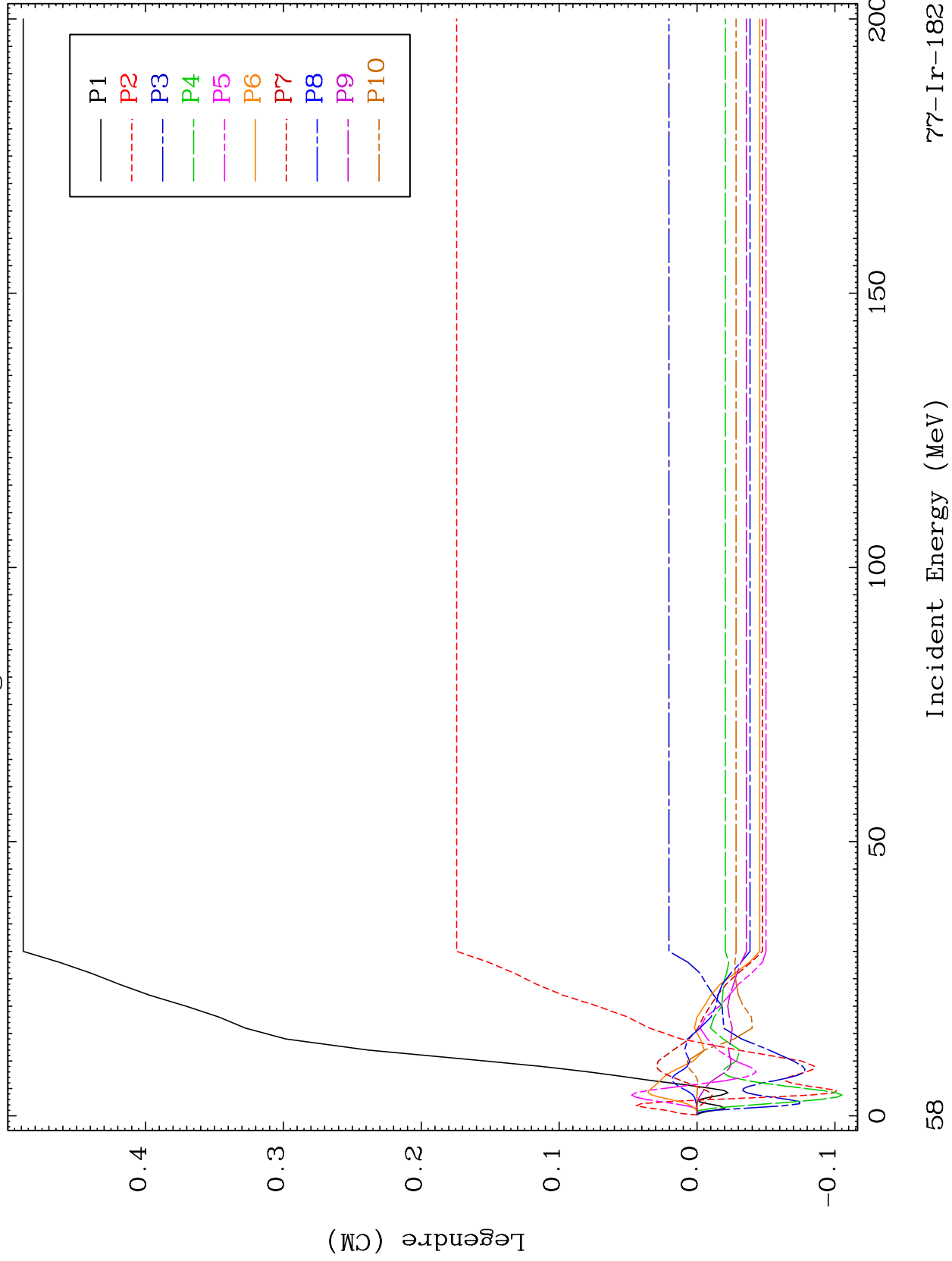
56



MAT 7698

174.5 keV (n,n') Level
Legendre Coefficients

77-Ir-182



77-Ir-182

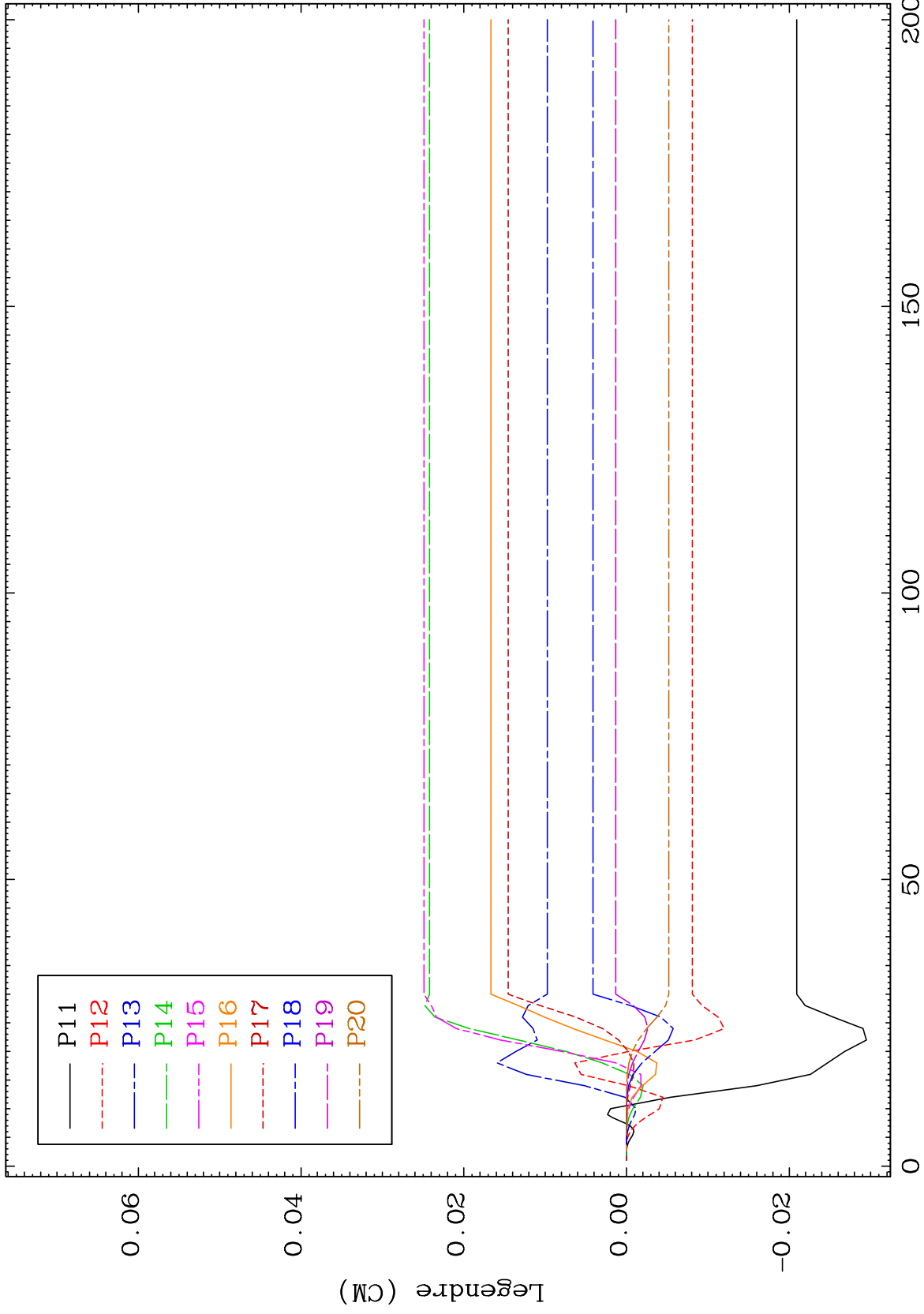
Incident Energy (MeV)

58

MAT 7698

174.5 keV (n,n') Level
Legendre Coefficients

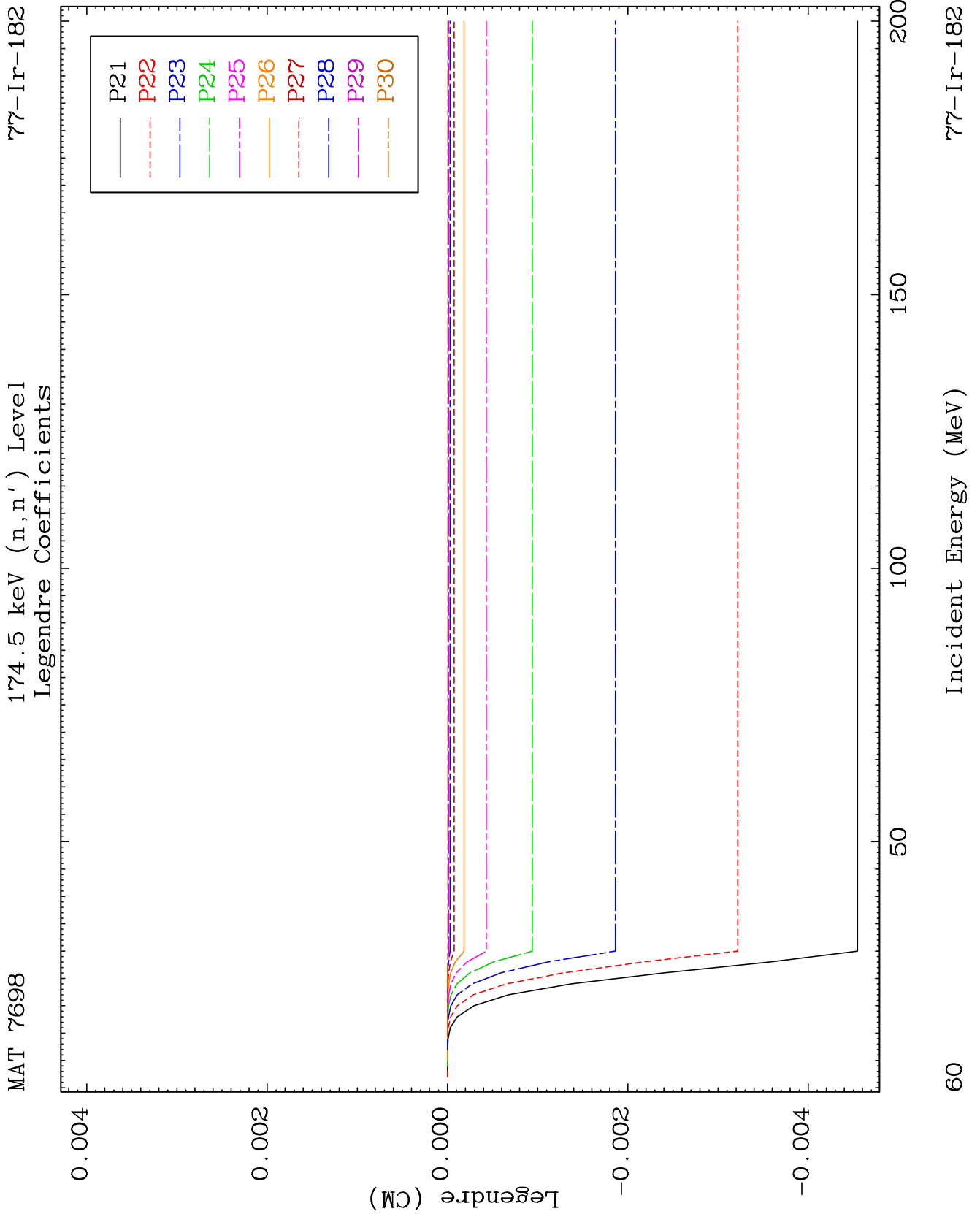
77-Ir-182

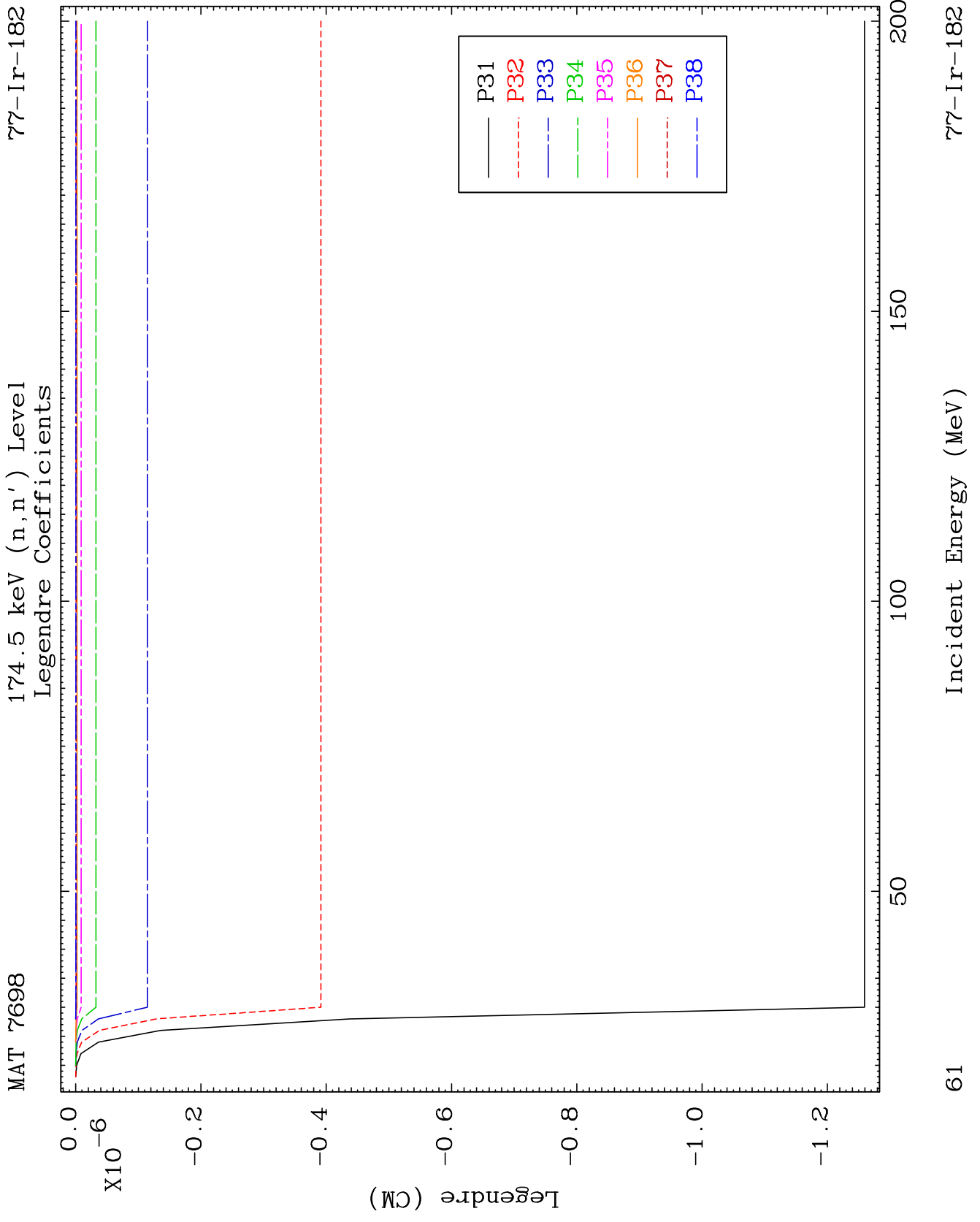


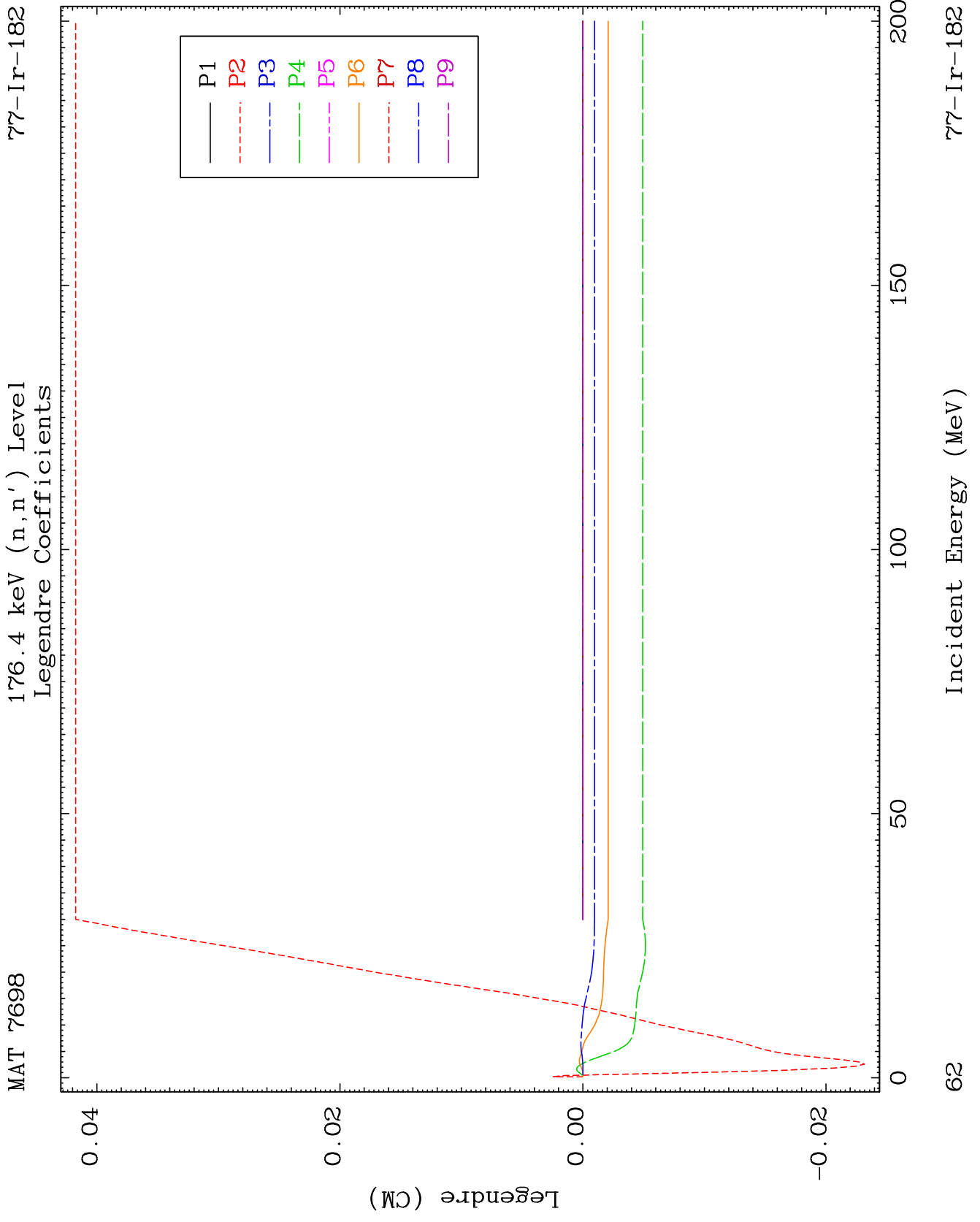
59

Incident Energy (MeV)

77-Ir-182



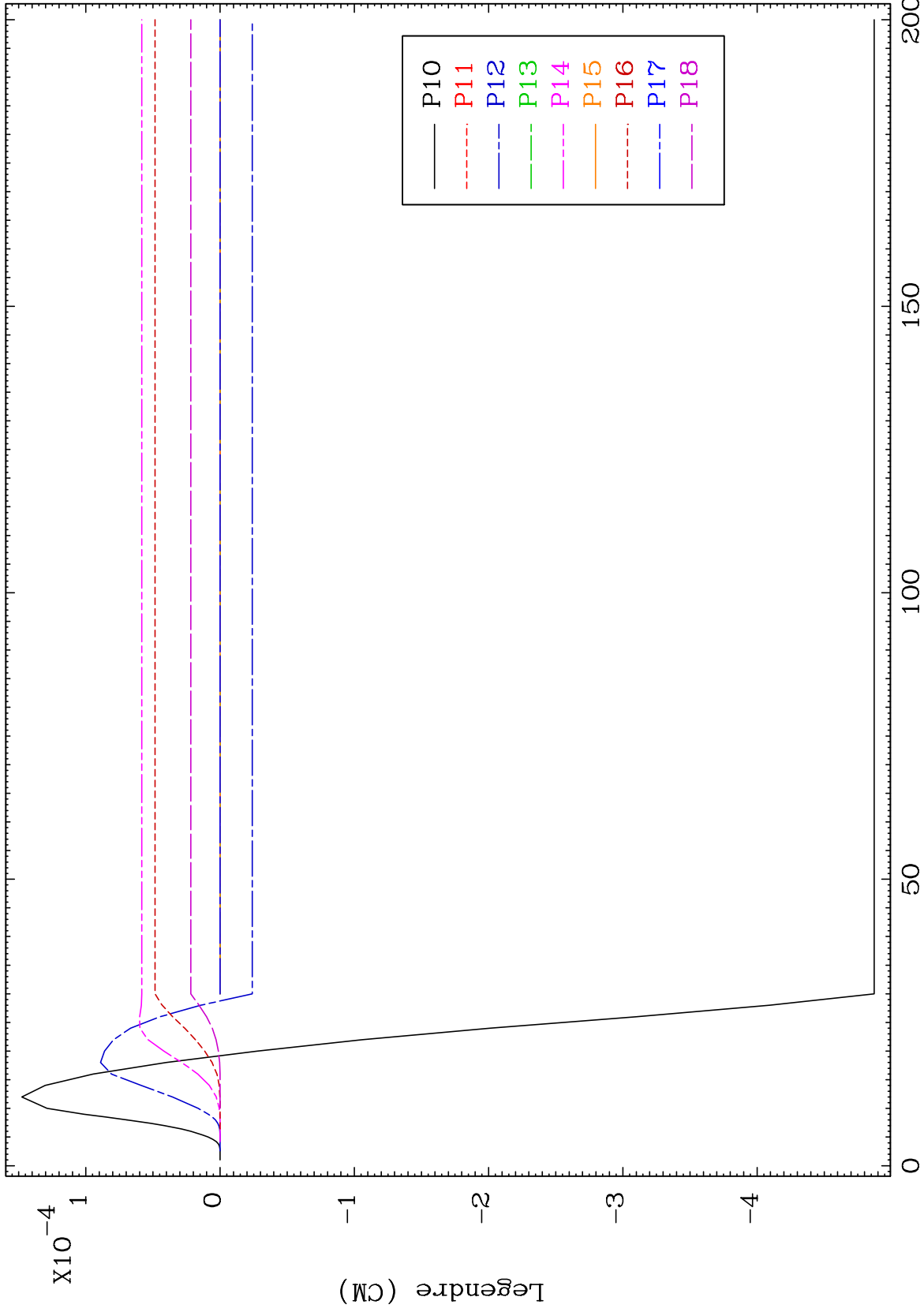




MAT 7698

176.4 keV (n,n') Level
Legendre Coefficients

77-Ir-182



63

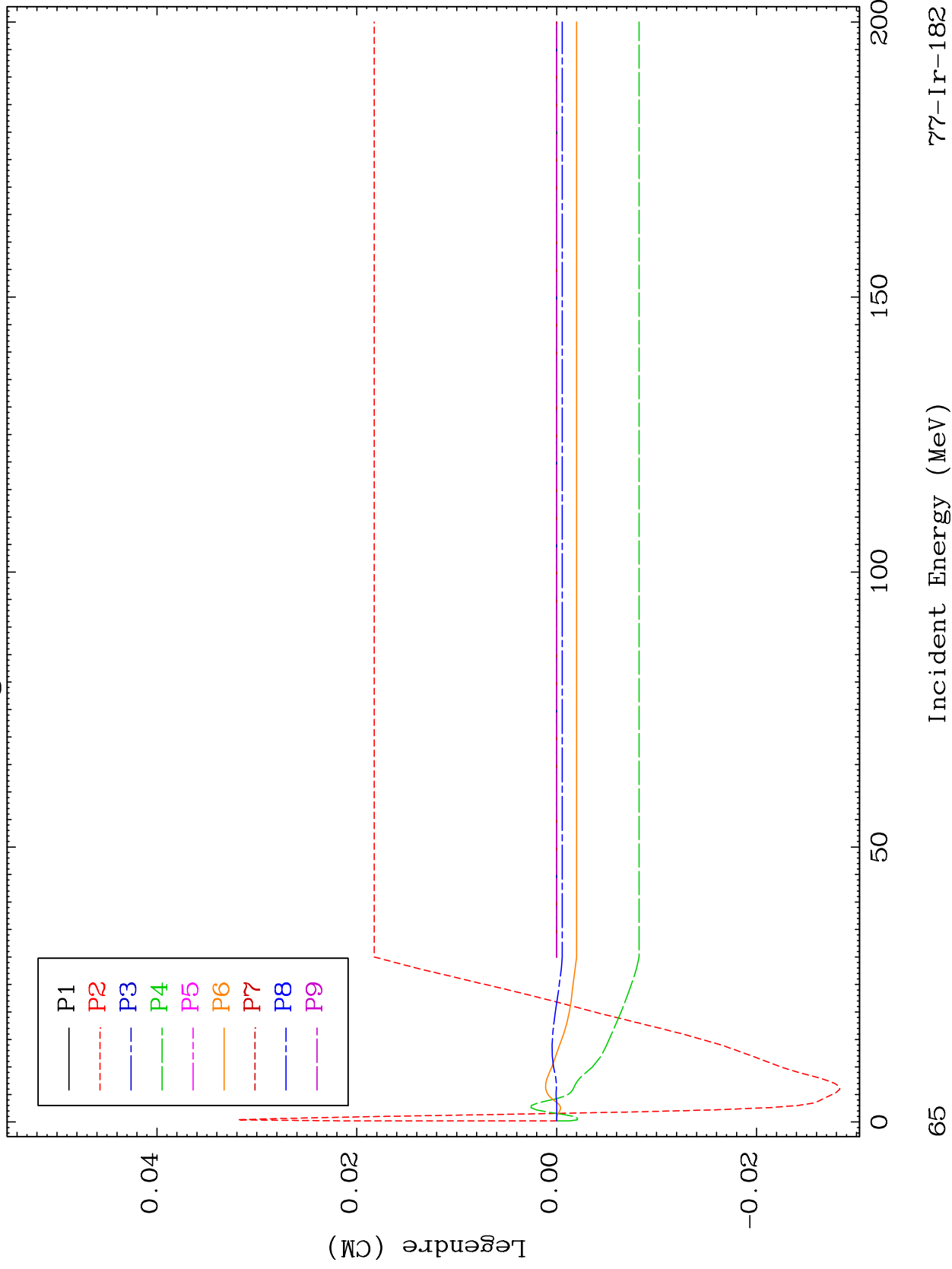
Incident Energy (MeV)

77-Ir-182

MAT 7698

185.8 keV (n,n') Level
Legendre Coefficients

77-Ir-182



77-Ir-182

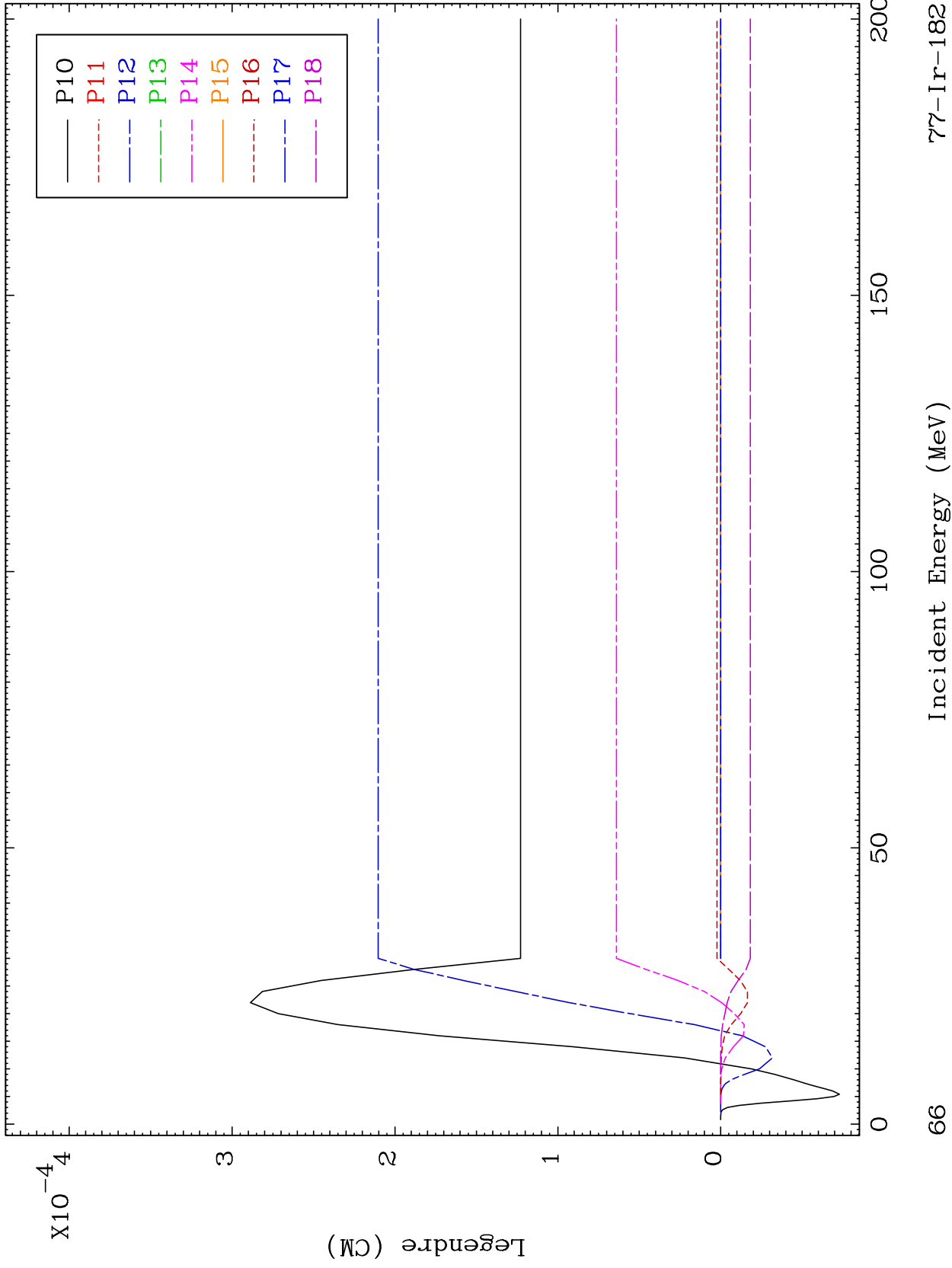
Incident Energy (MeV)

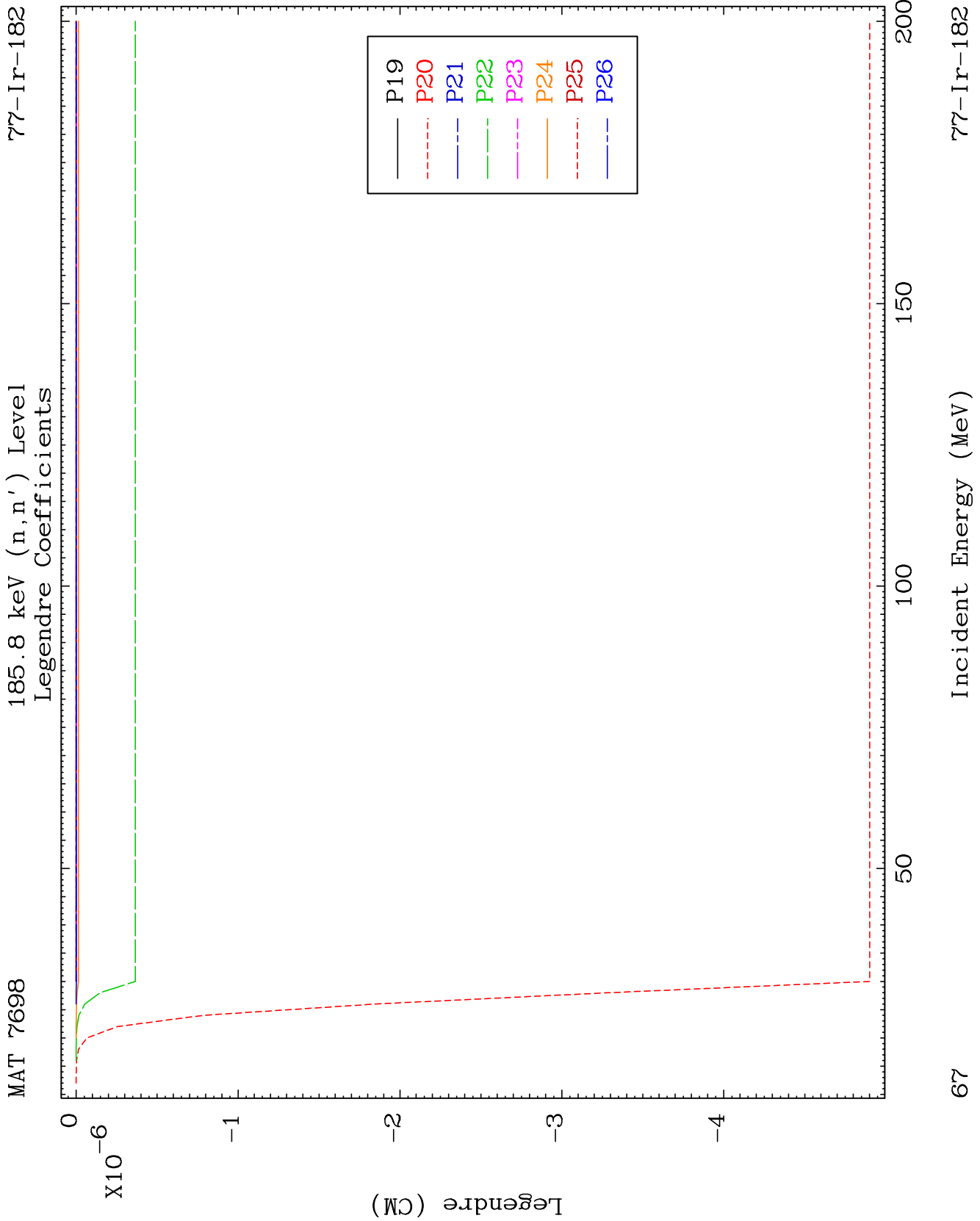
65

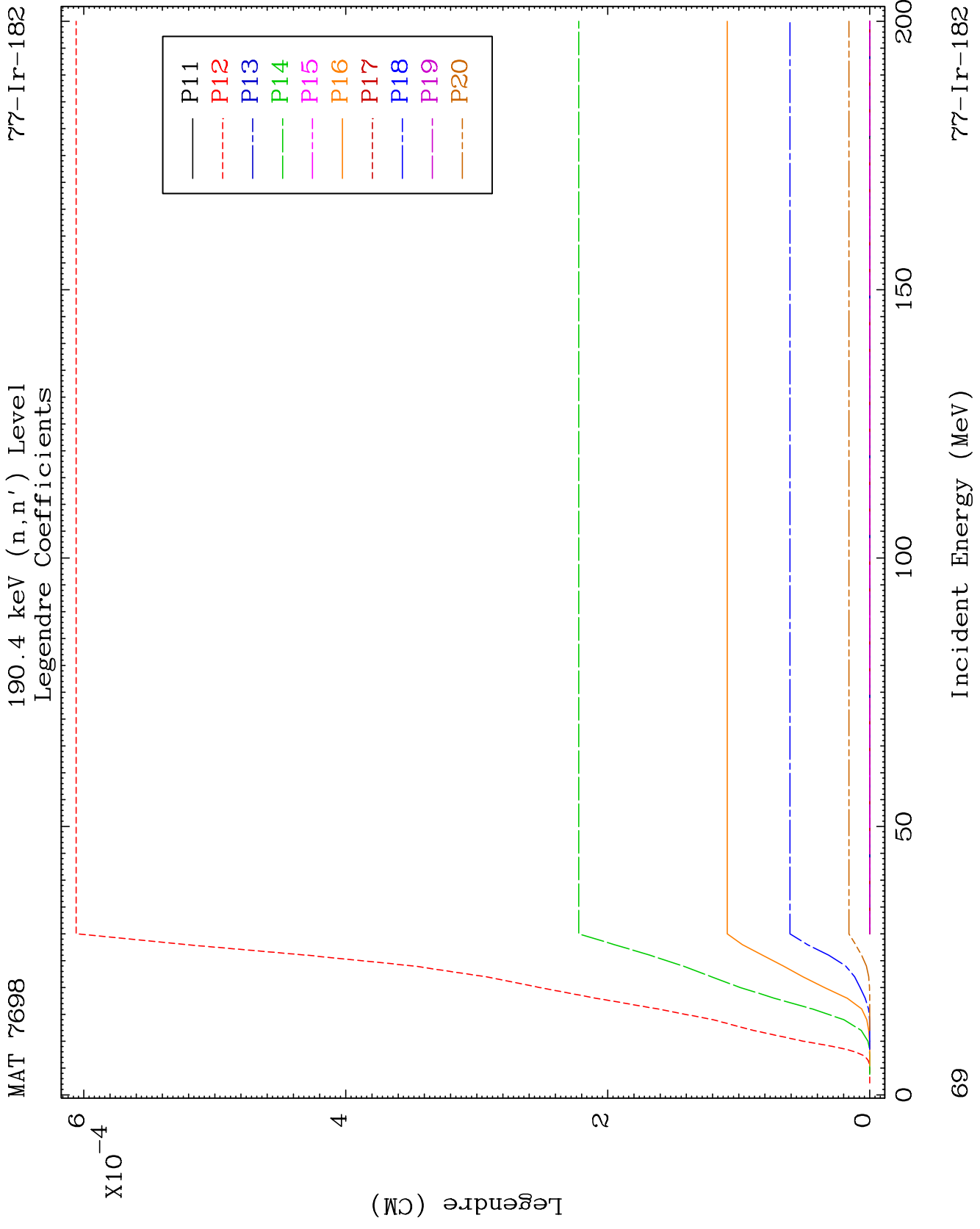
MAT 7698

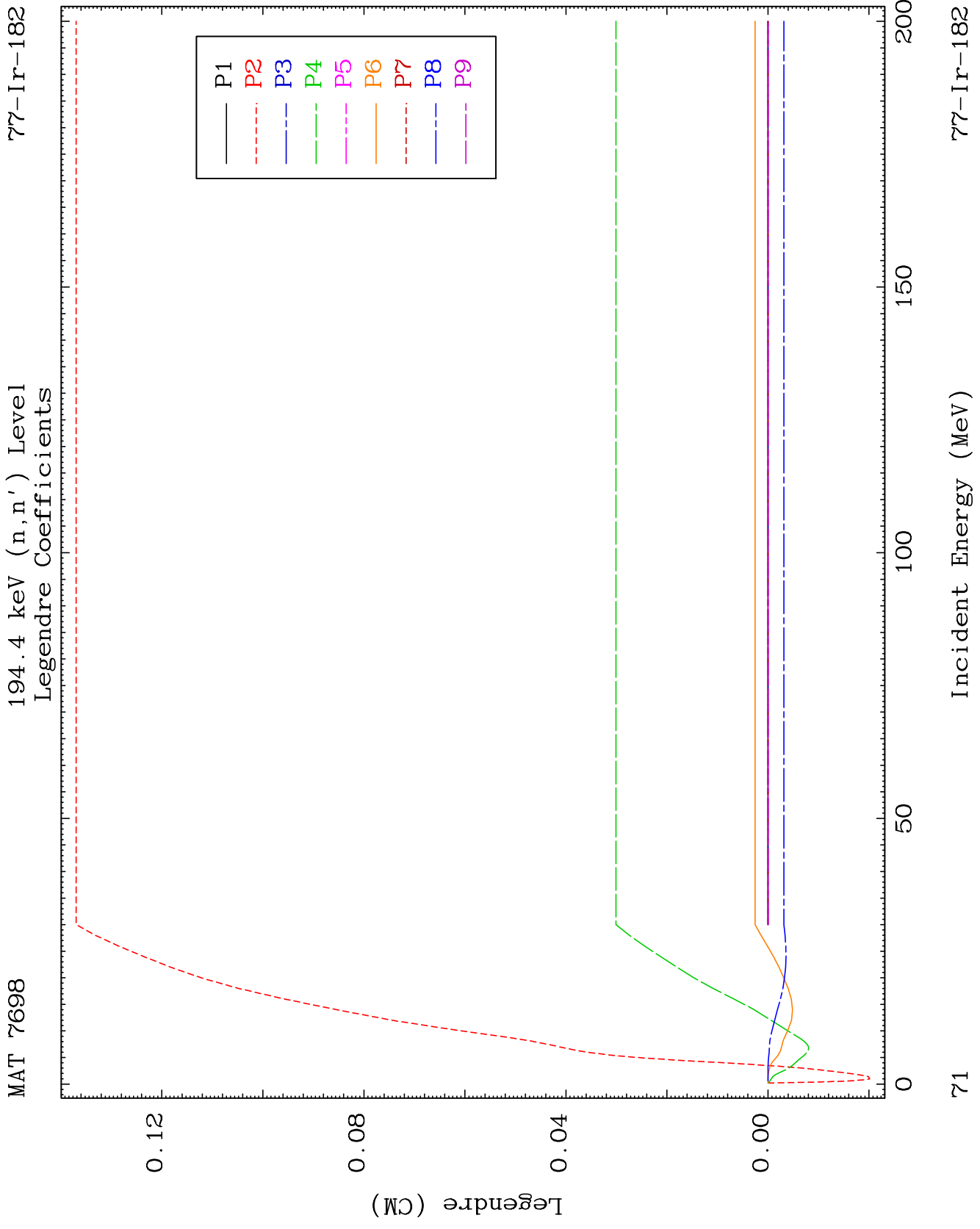
185.8 keV (n,n') Level
Legendre Coefficients

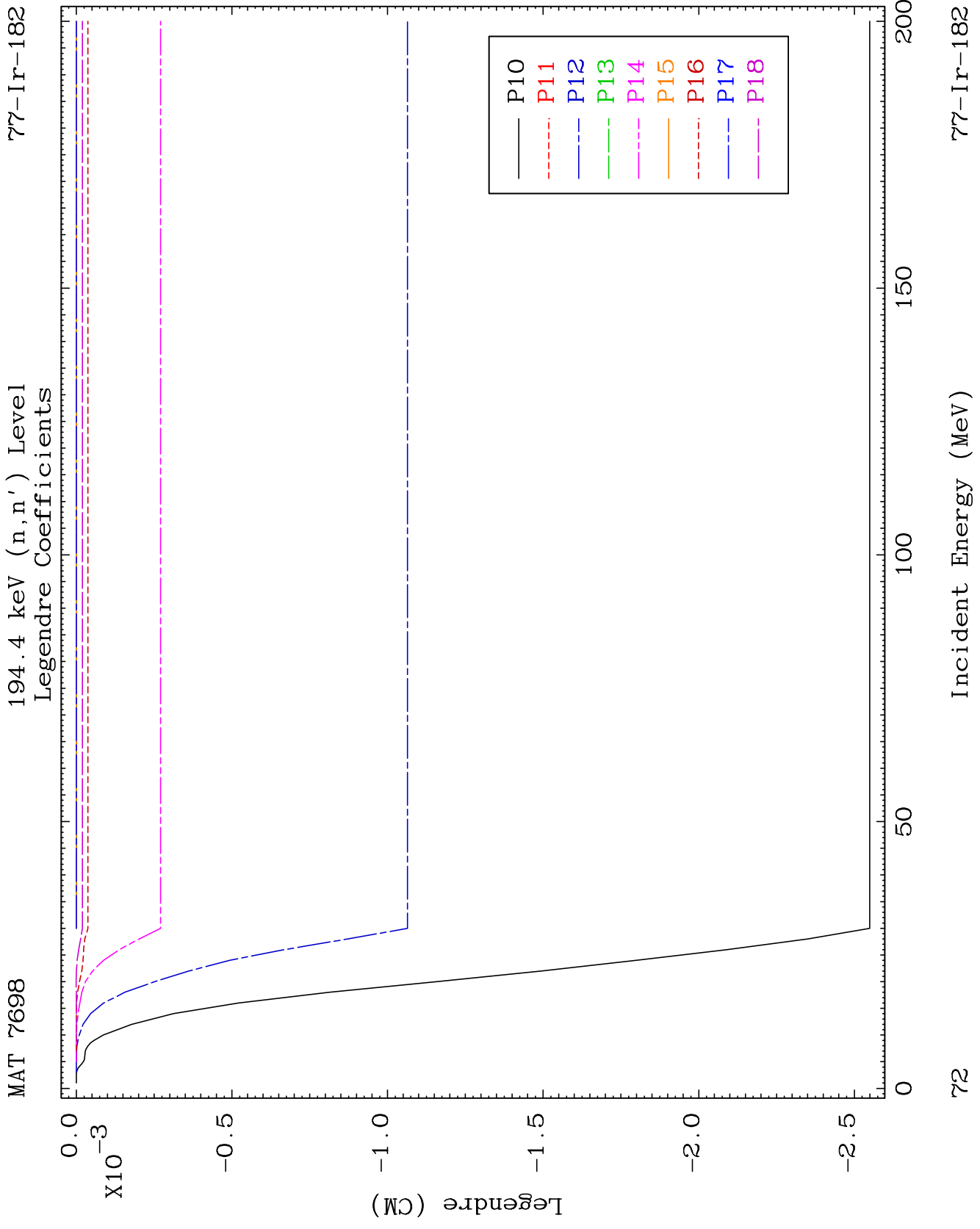
77-Ir-182







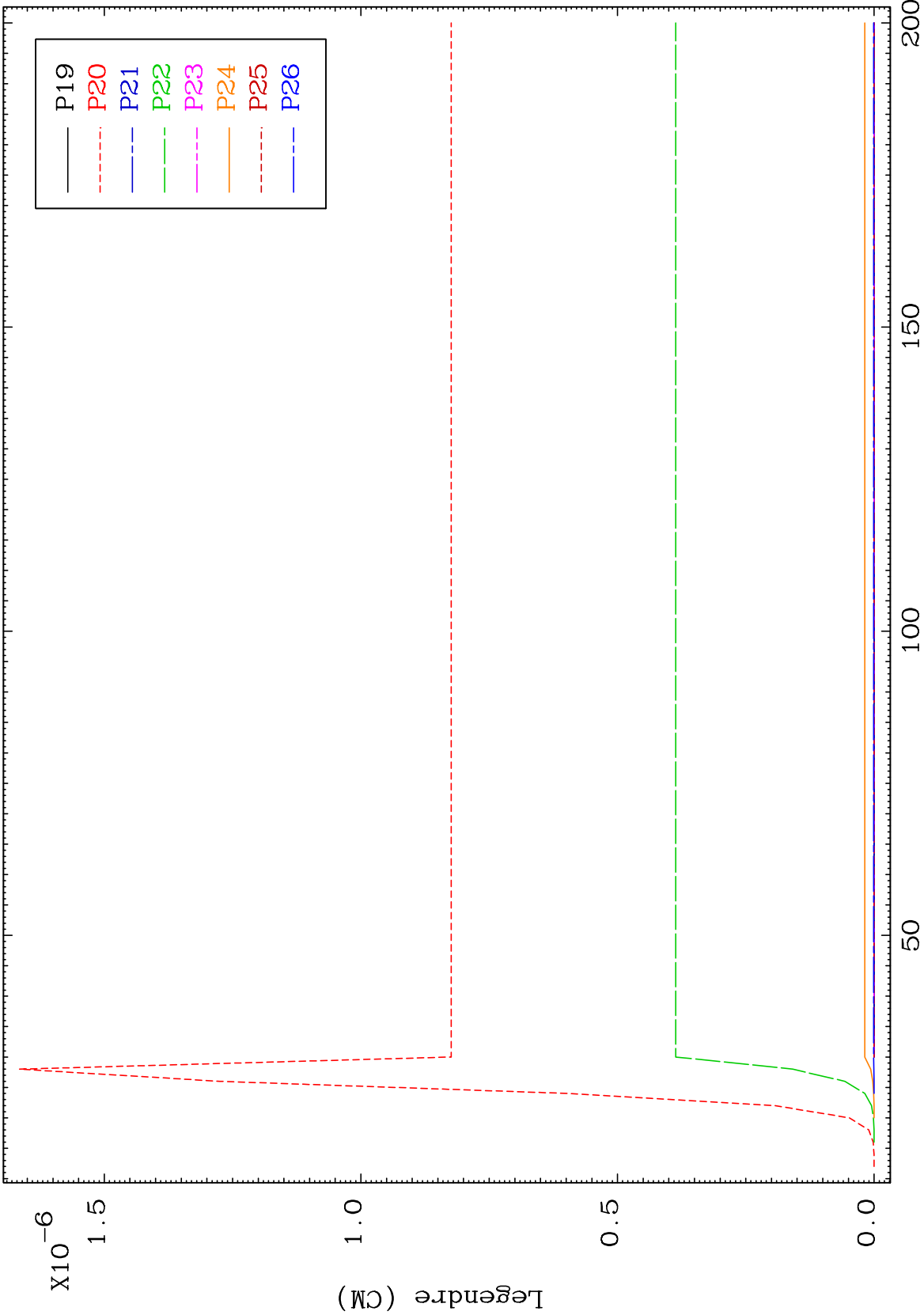




MAT 7698

194.4 keV (n,n') Level
Legendre Coefficients

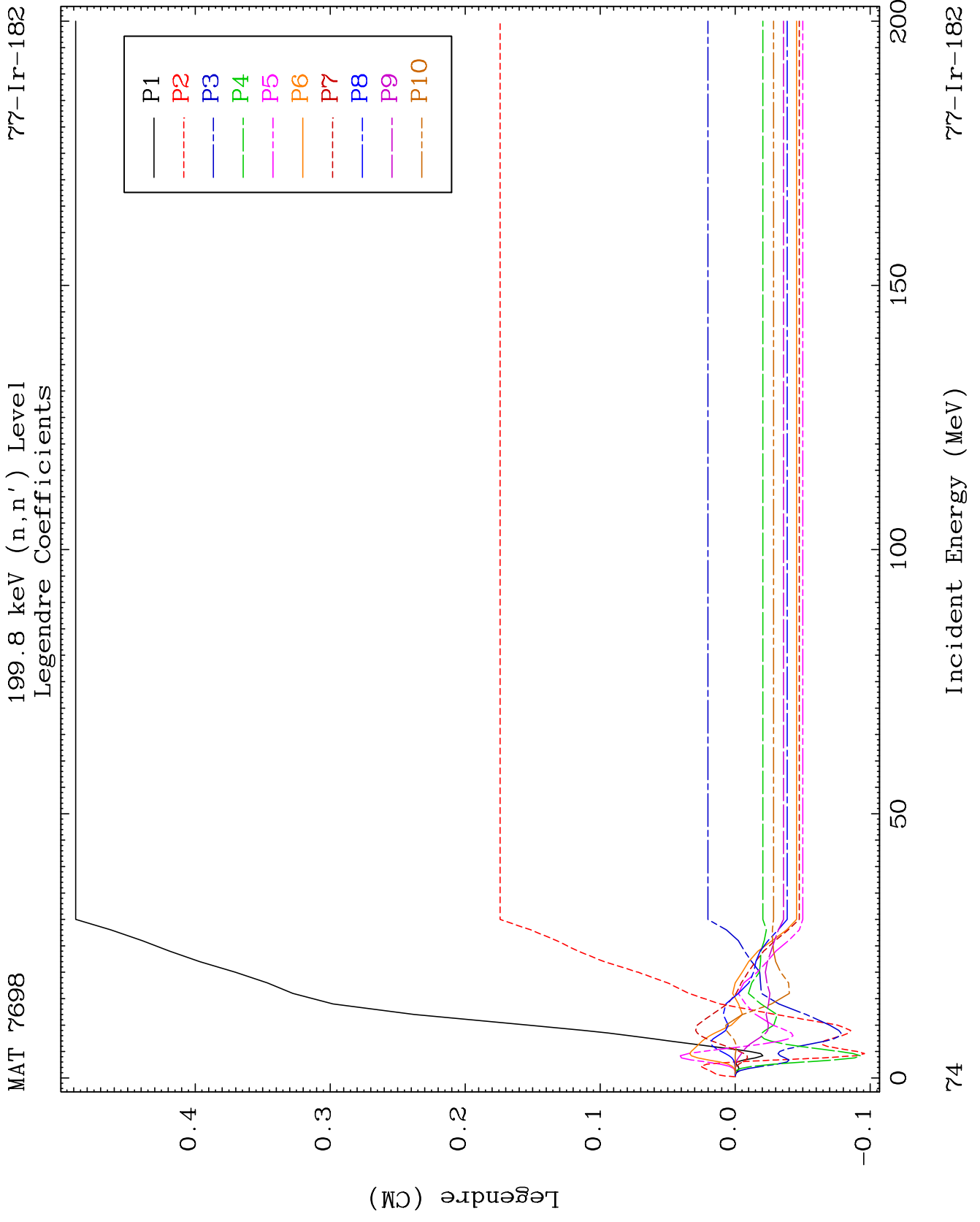
77-Ir-182



77-Ir-182

Incident Energy (MeV)

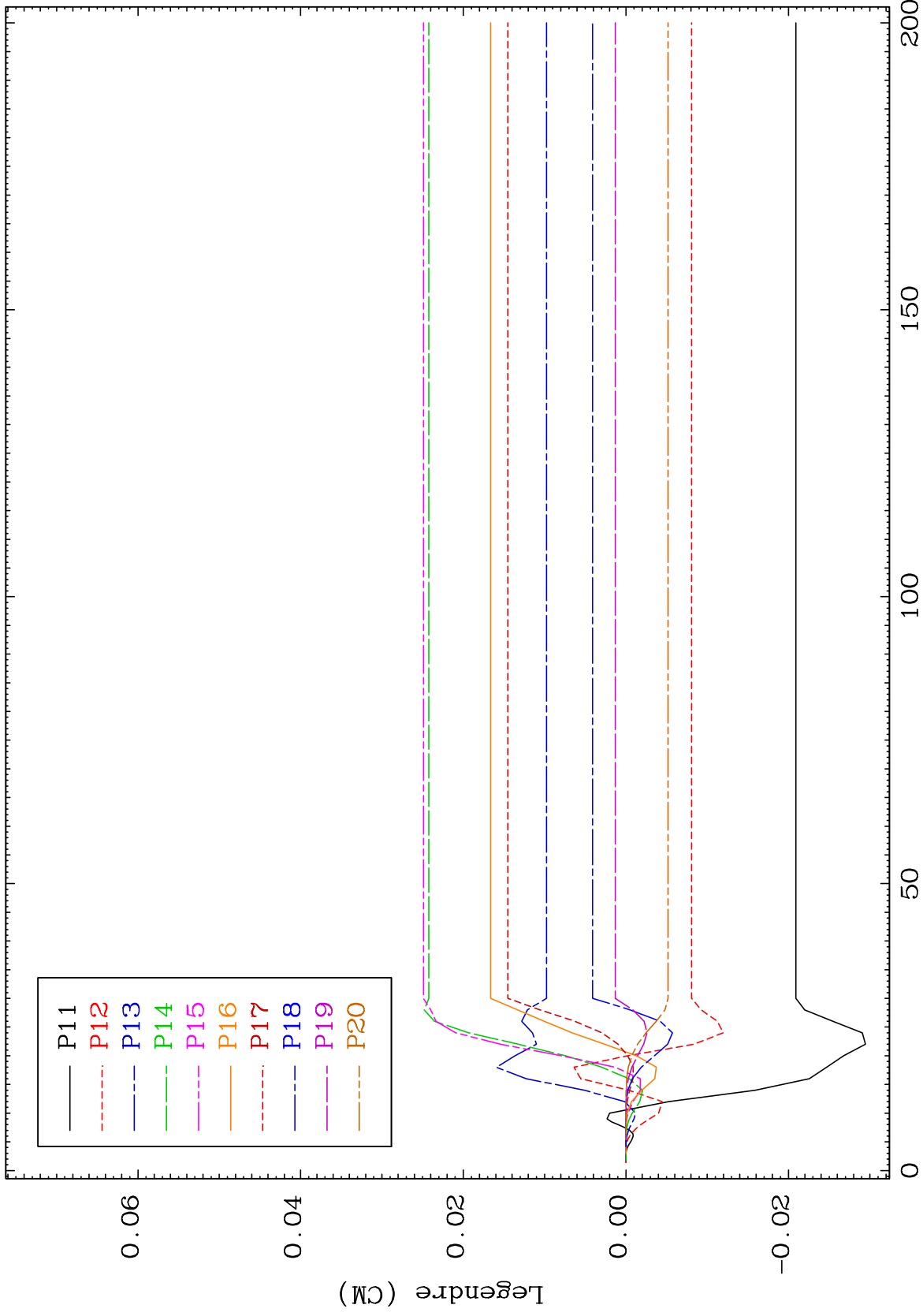
73



MAT 7698

199.8 keV (n,n') Level
Legendre Coefficients

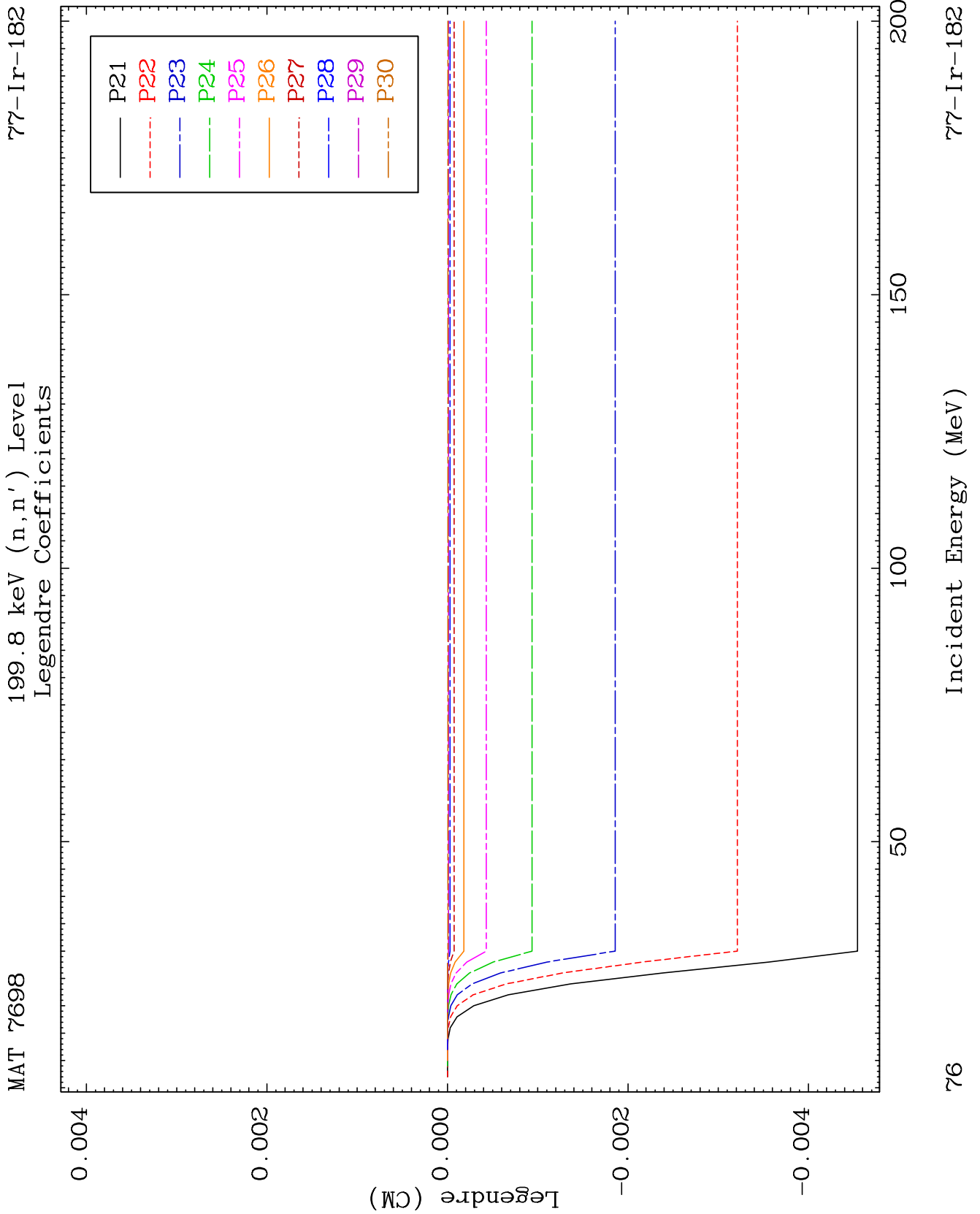
77-Ir-182

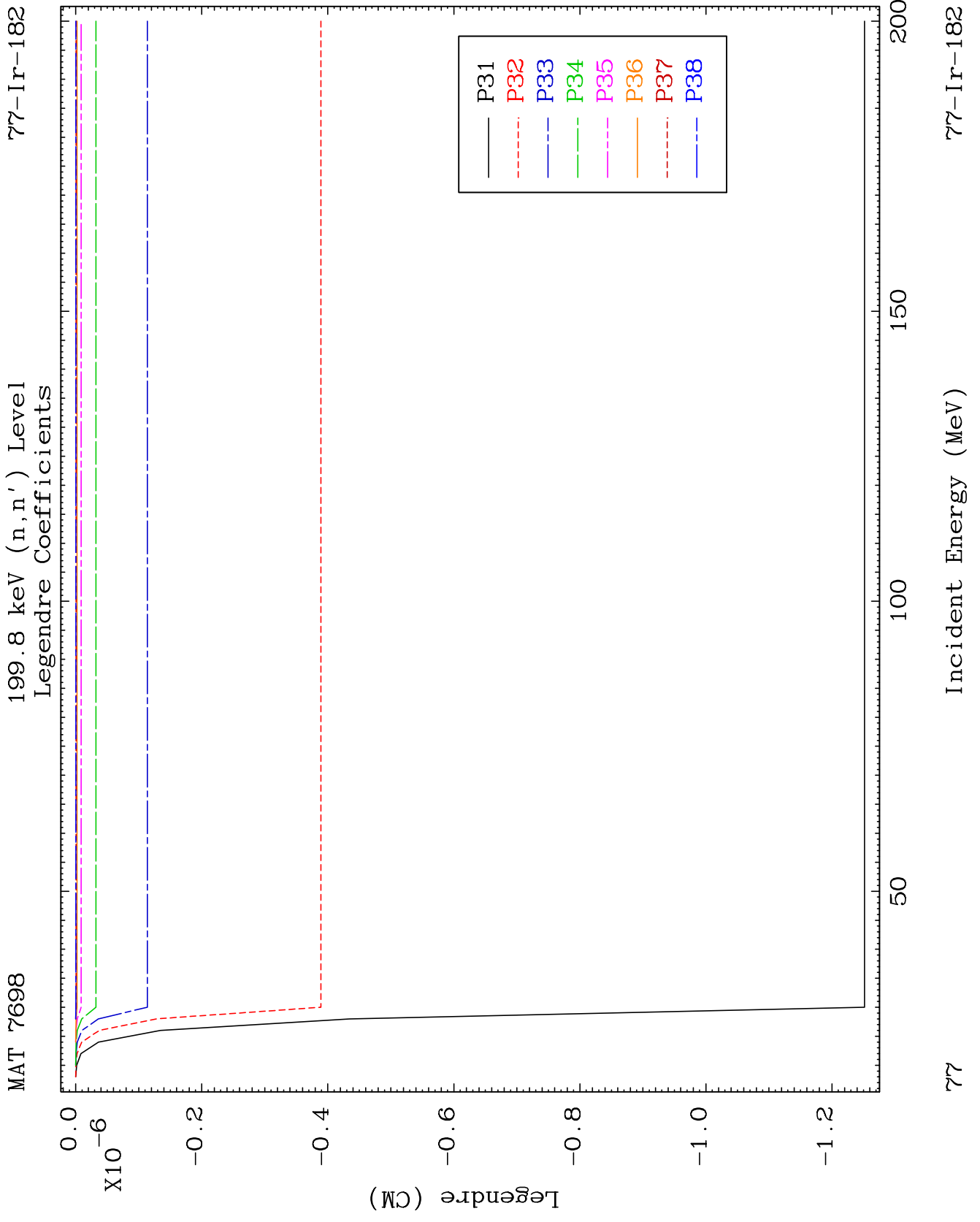


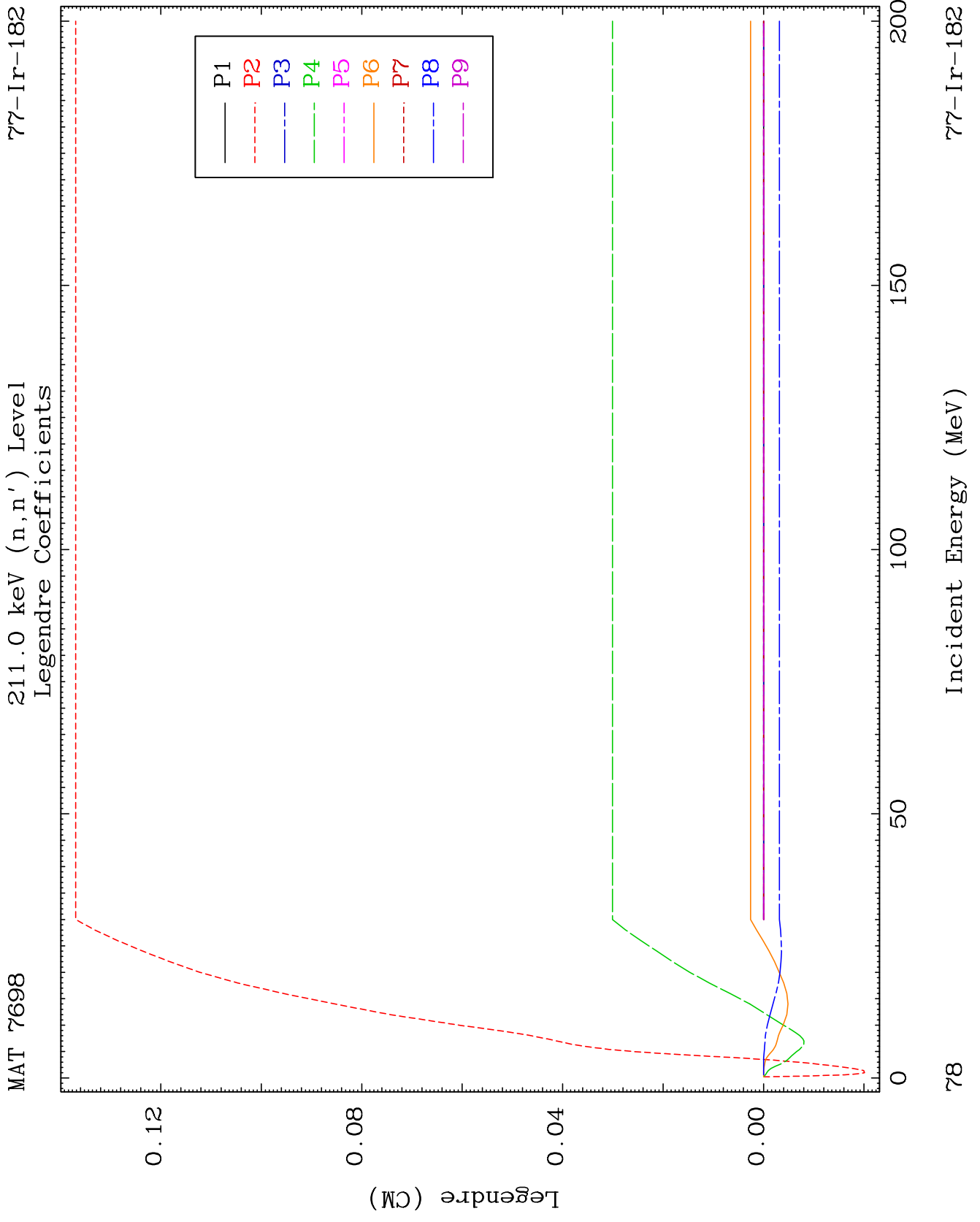
75

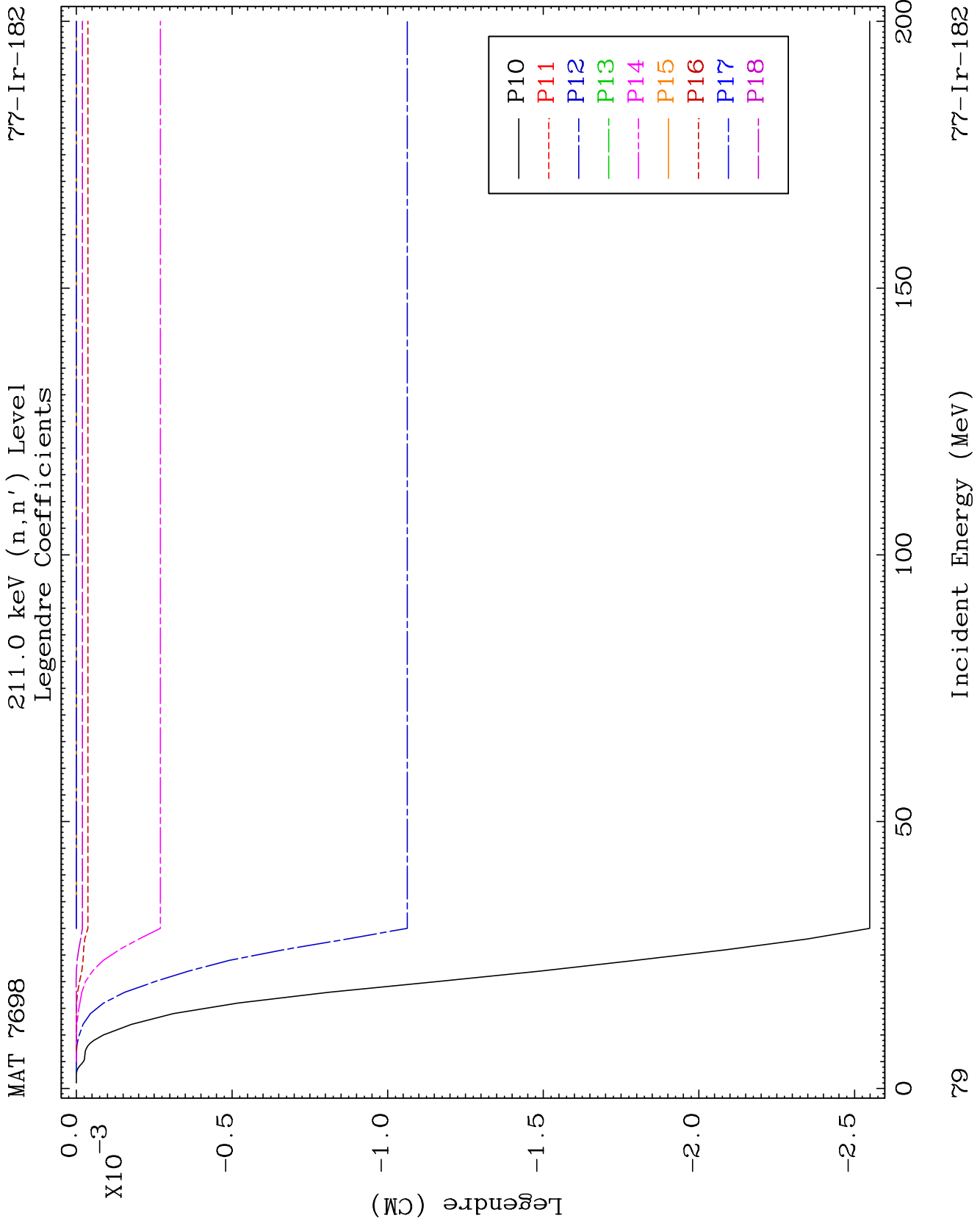
Incident Energy (MeV)

77-Ir-182





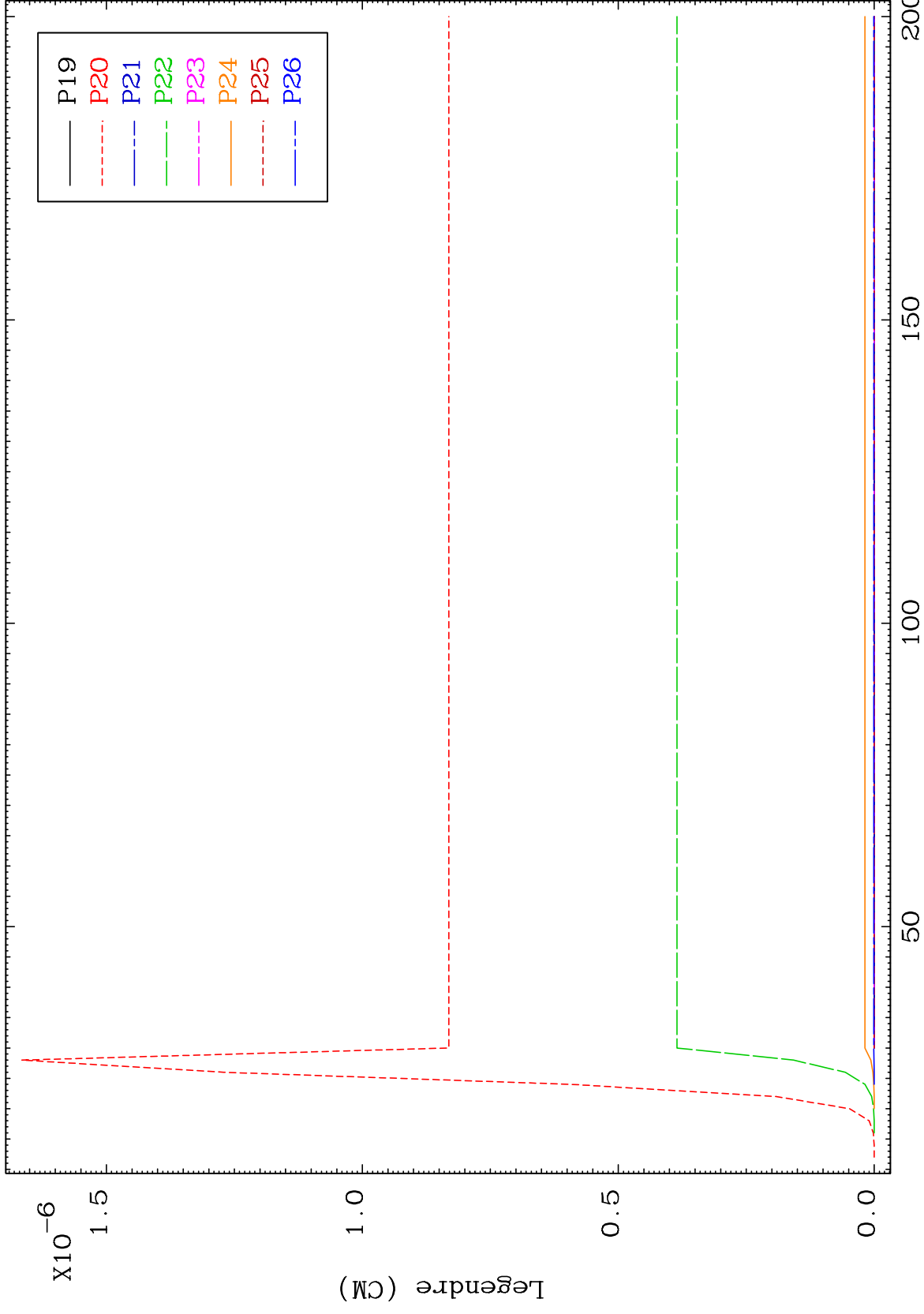




MAT 7698

211.0 keV (n,n') Level
Legendre Coefficients

77-Ir-182



80

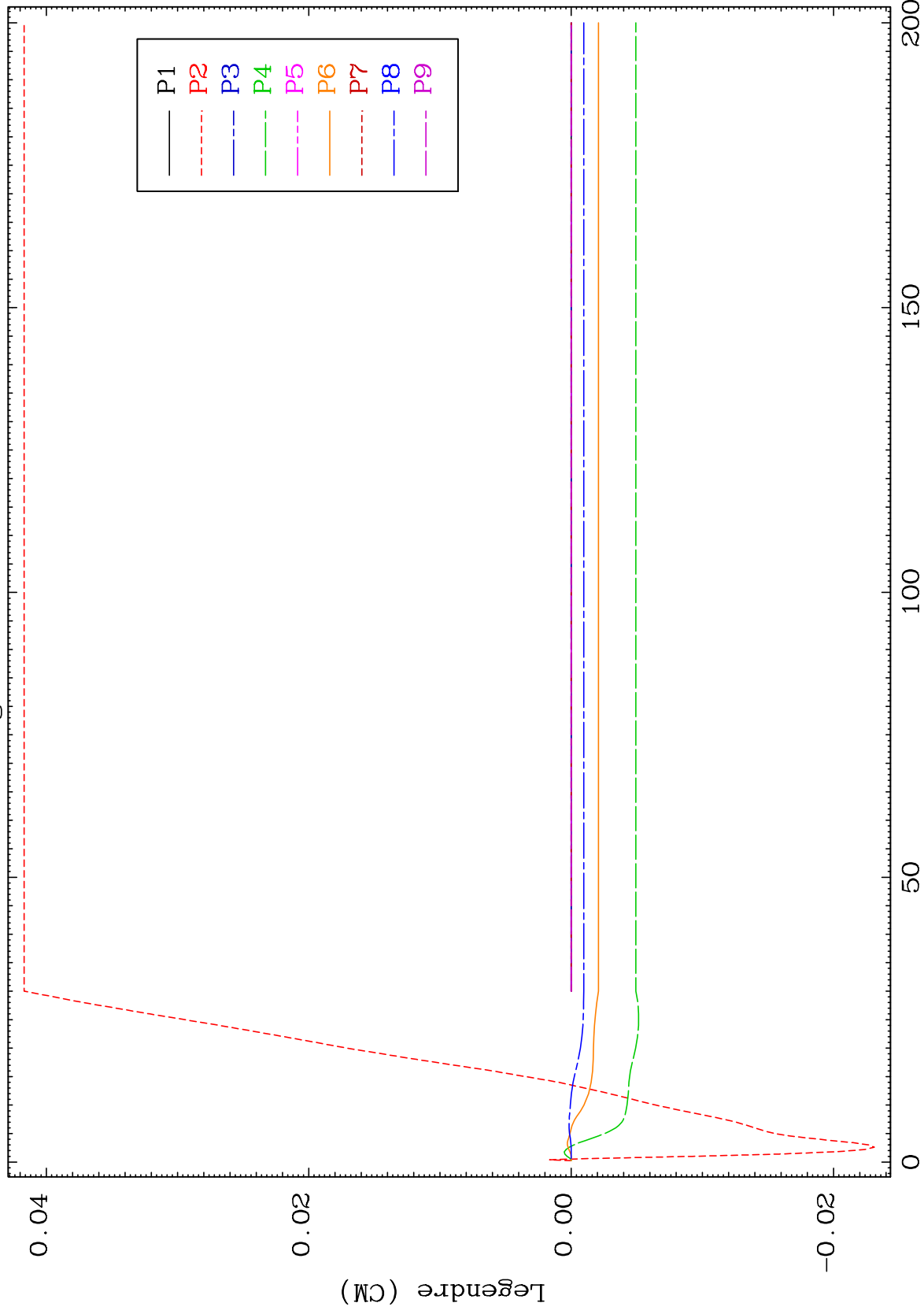
Incident Energy (MeV)

77-Ir-182

MAT 7698

231.6 keV (n,n') Level
Legendre Coefficients

77-Ir-182



81

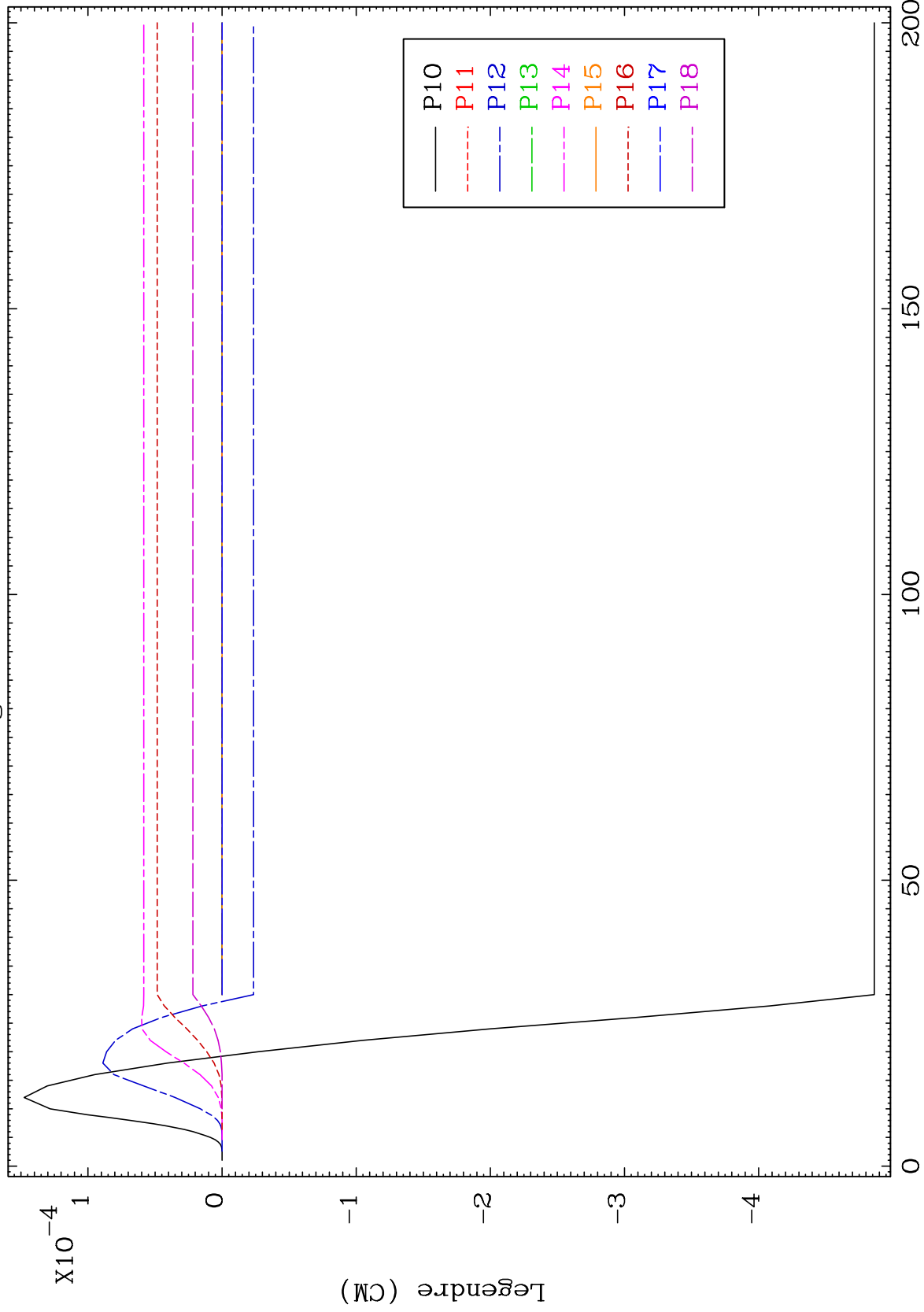
Incident Energy (MeV)

77-Ir-182

MAT 7698

231.6 keV (n,n') Level
Legendre Coefficients

77-Ir-182



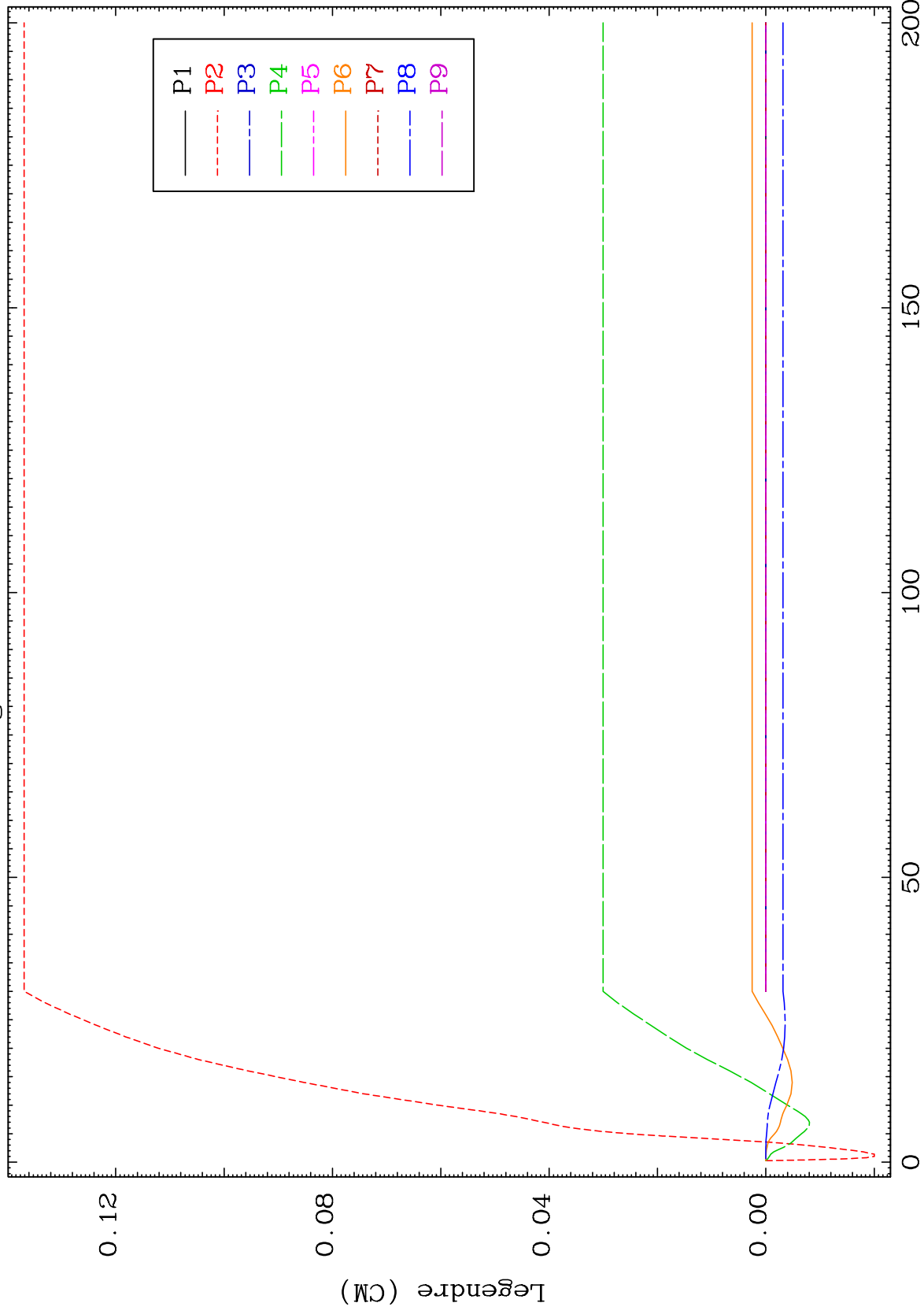
82

77-Ir-182

MAT 7698

255.1 keV (n,n') Level
Legendre Coefficients

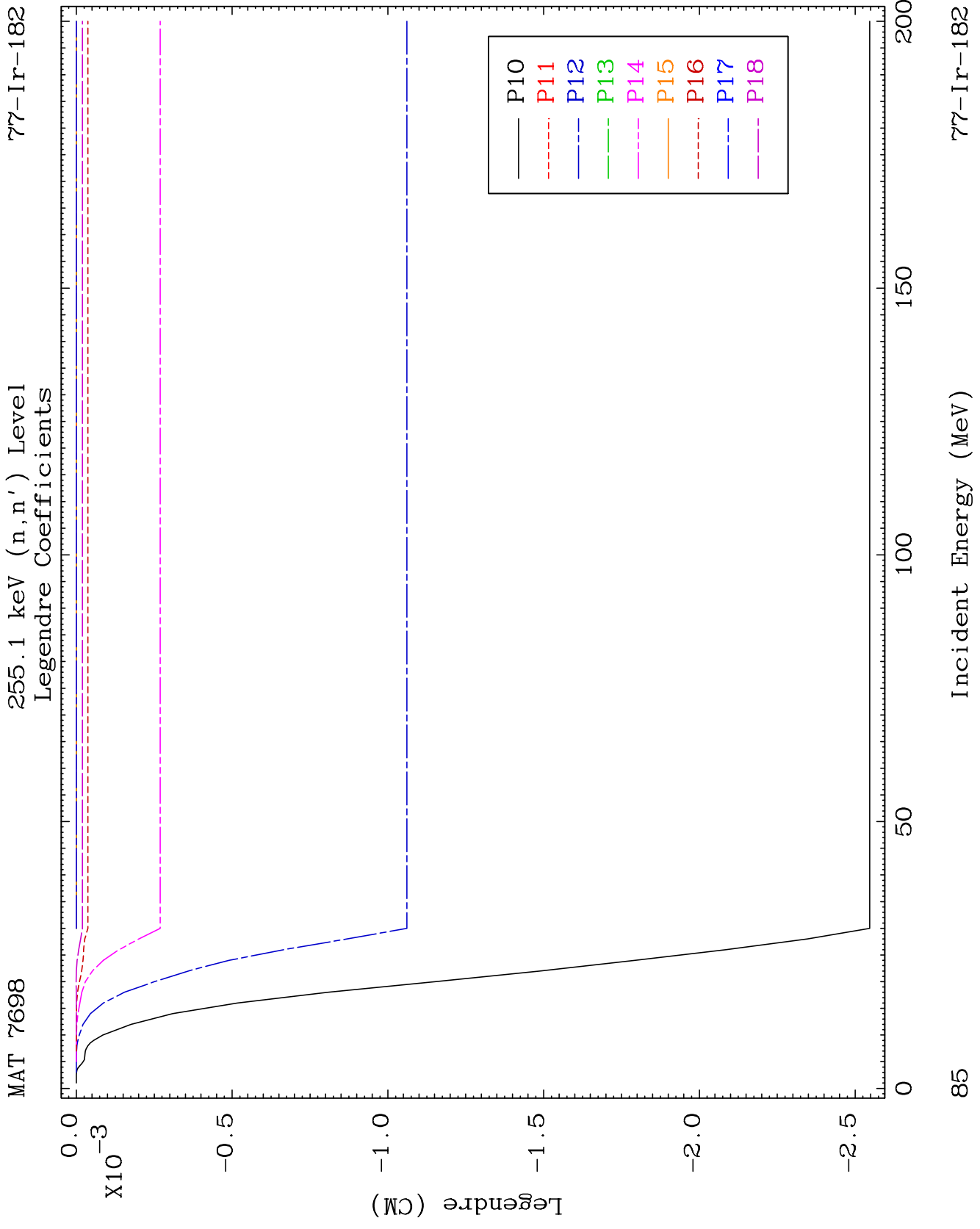
77-Ir-182

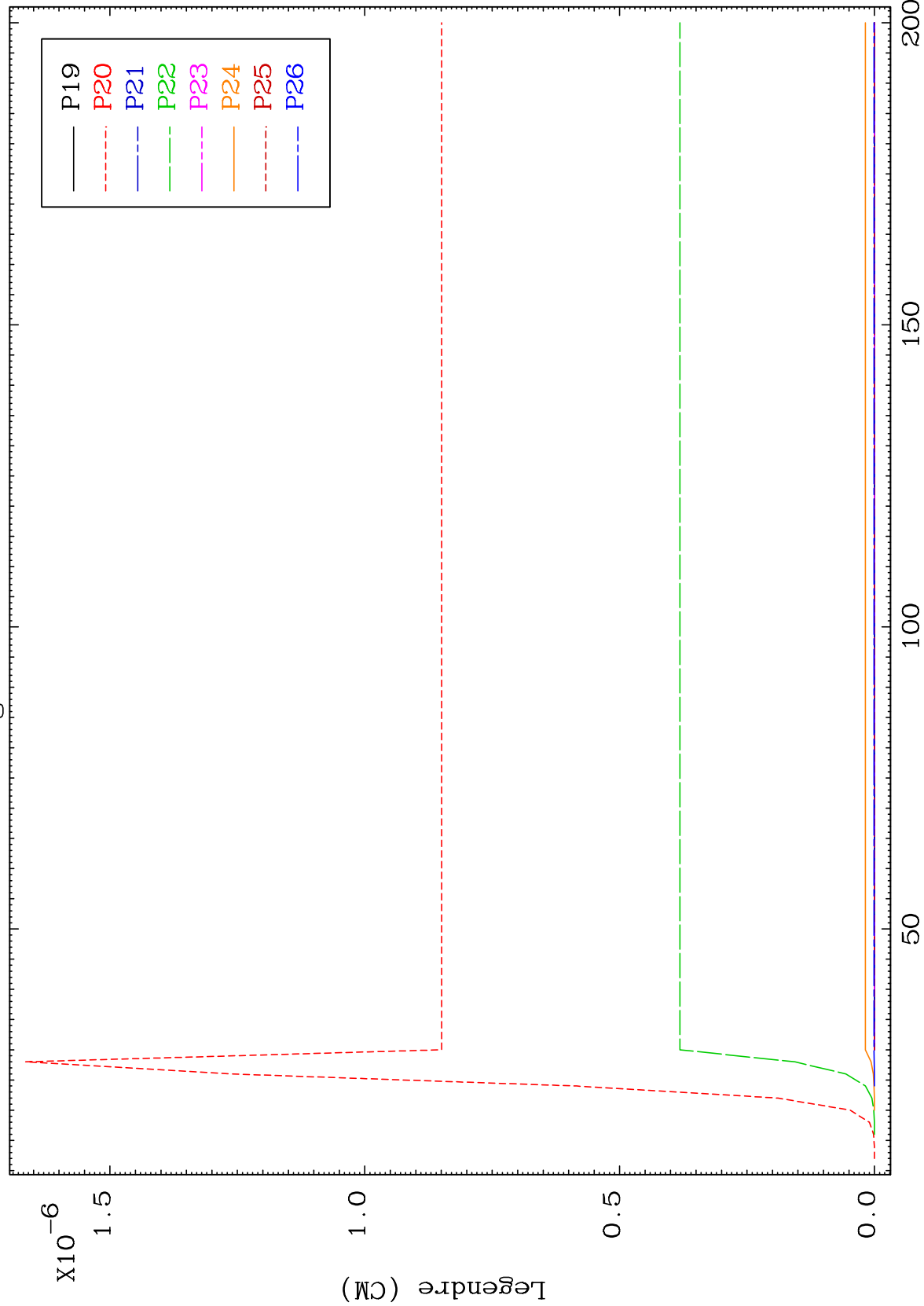


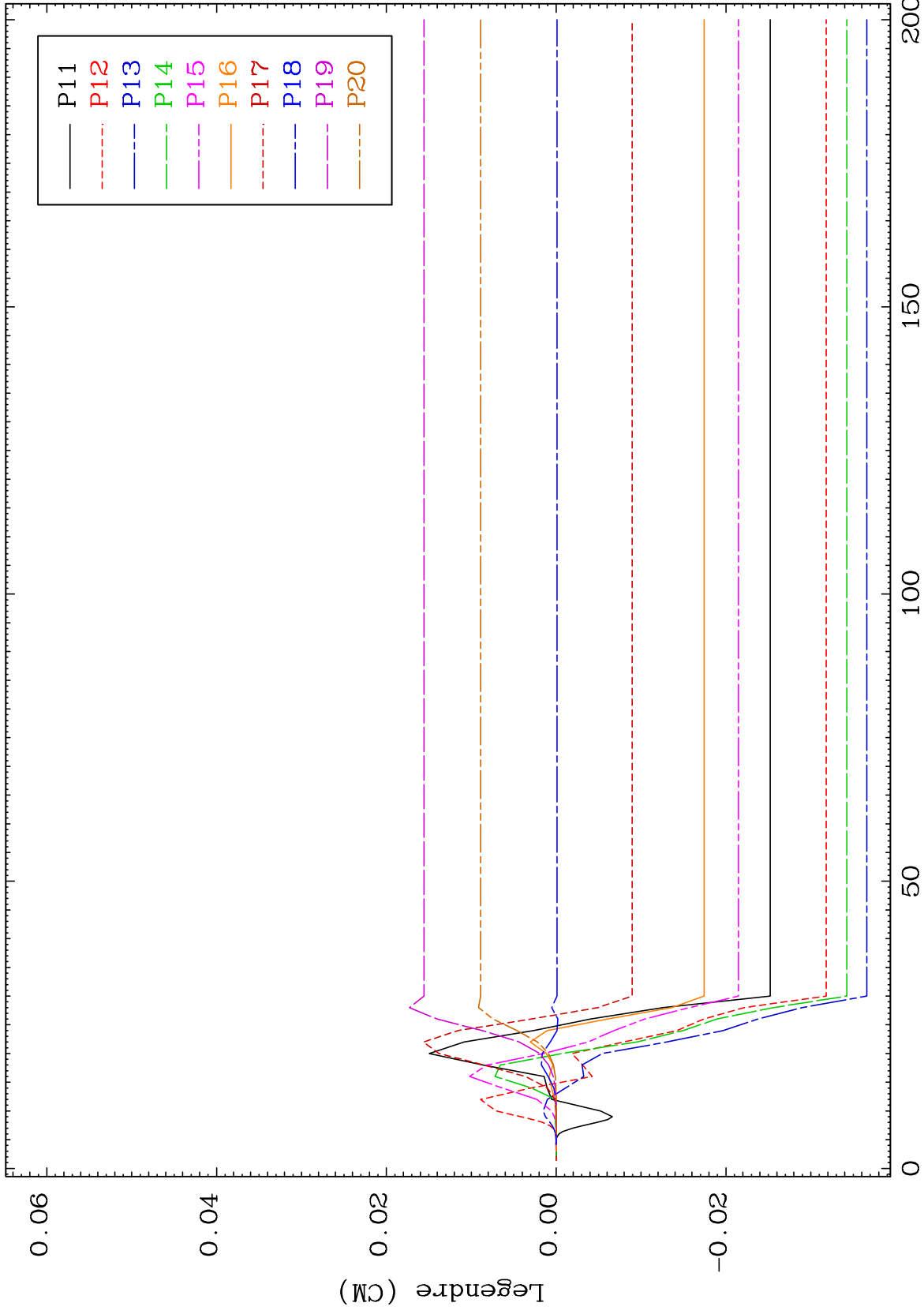
84

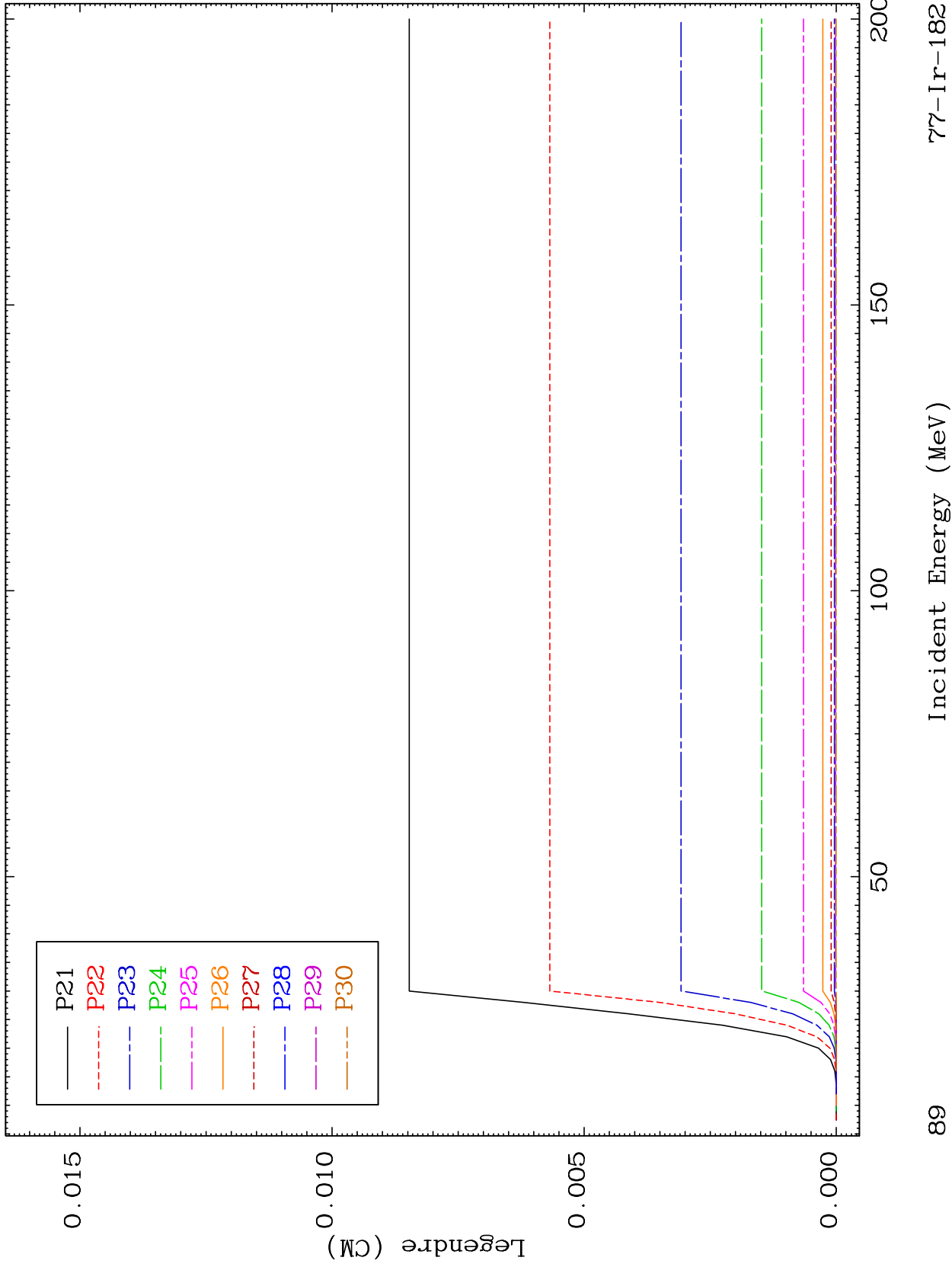
Incident Energy (MeV)

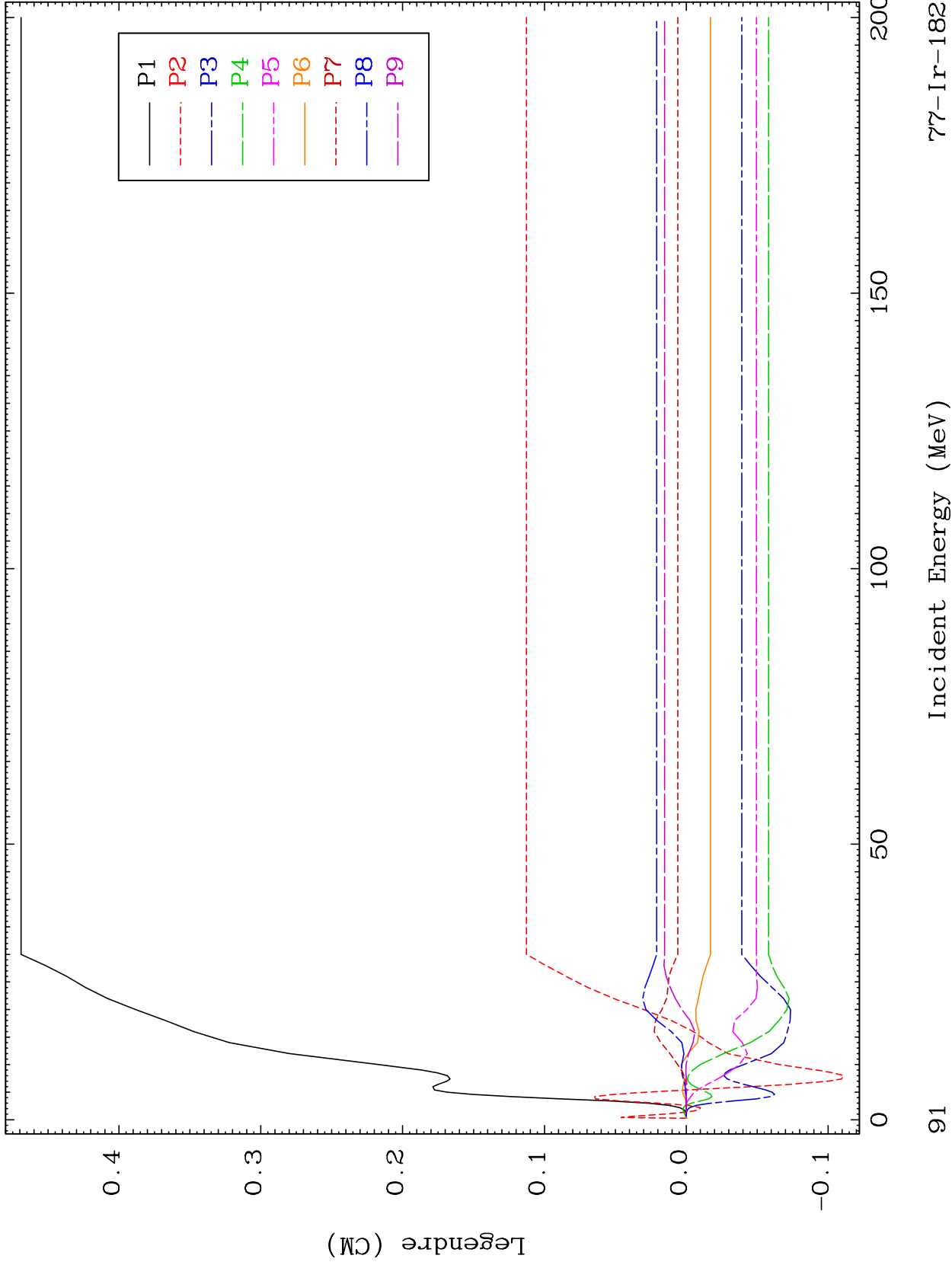
77-Ir-182







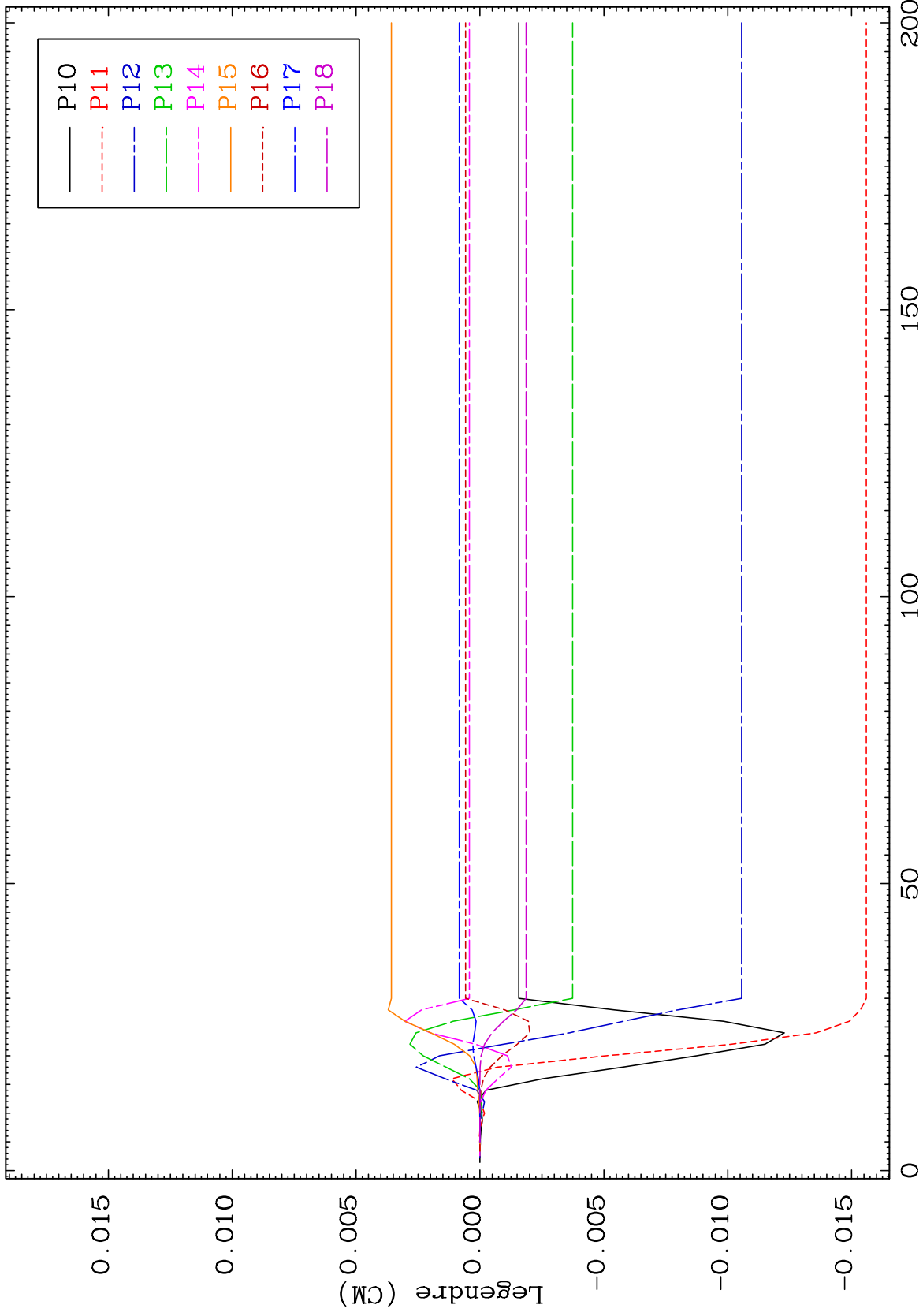




MAT 7698

266.6 keV (n,n') Level
Legendre Coefficients

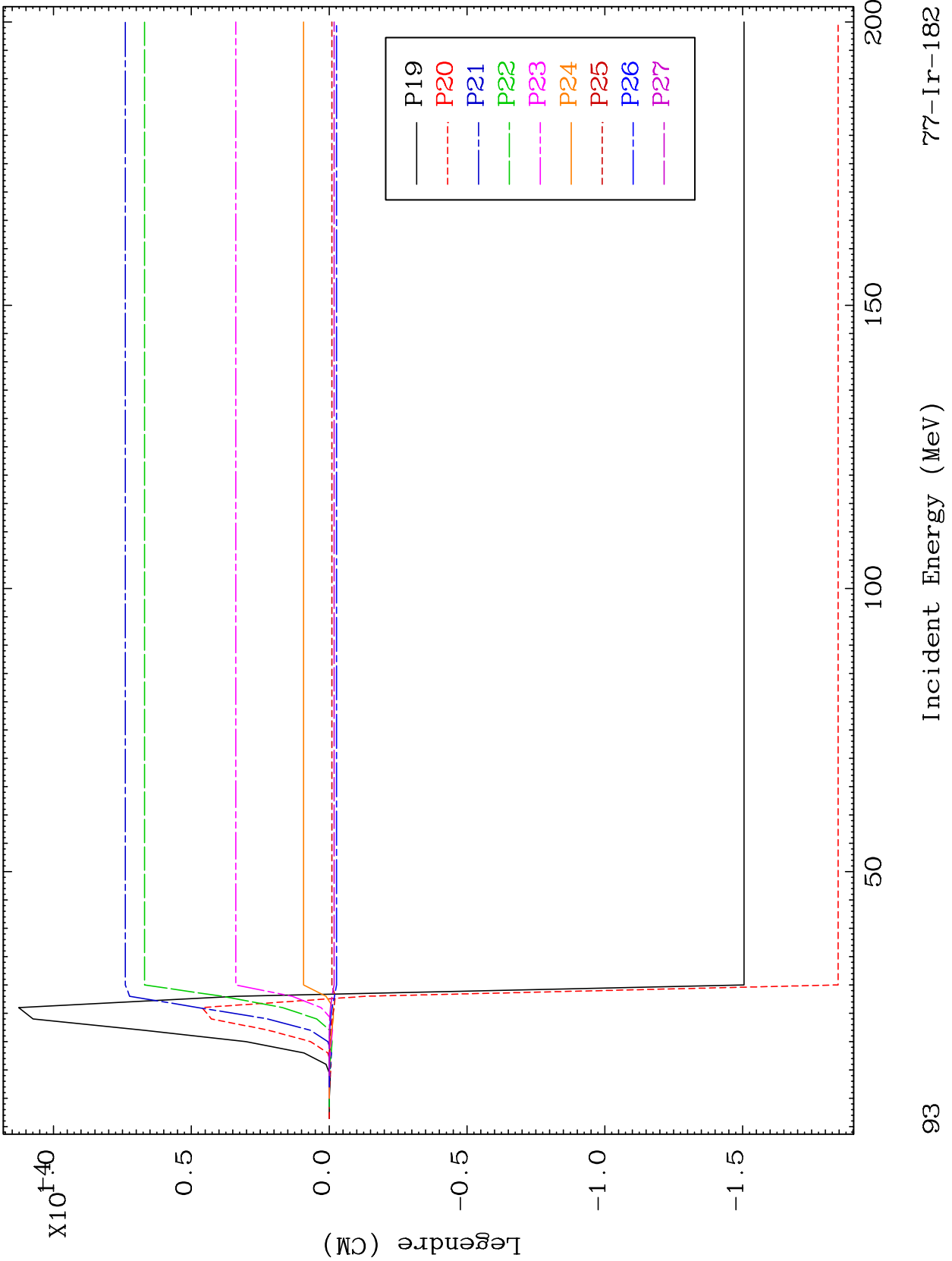
77-Ir-182

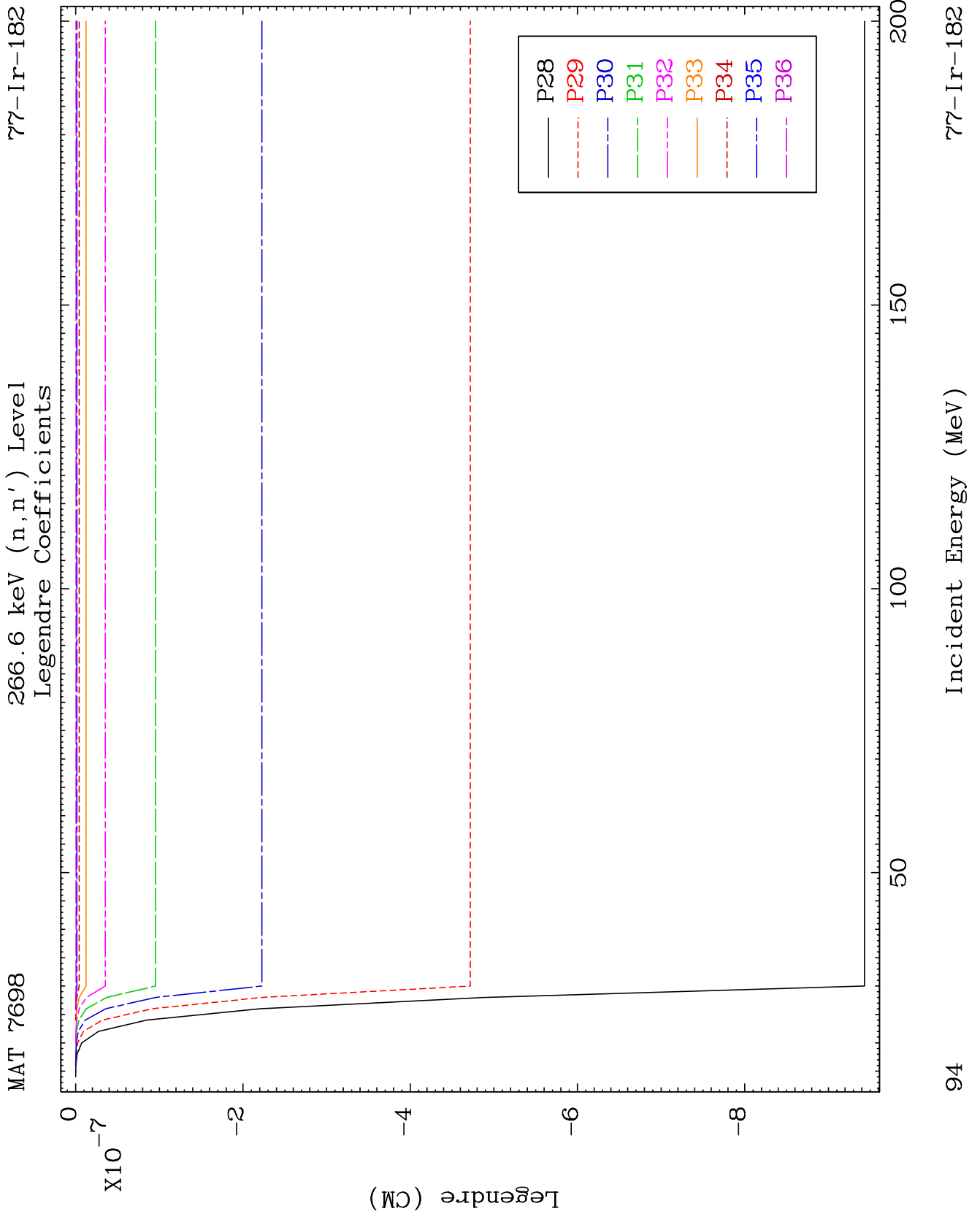


92

Incident Energy (MeV)

77-Ir-182

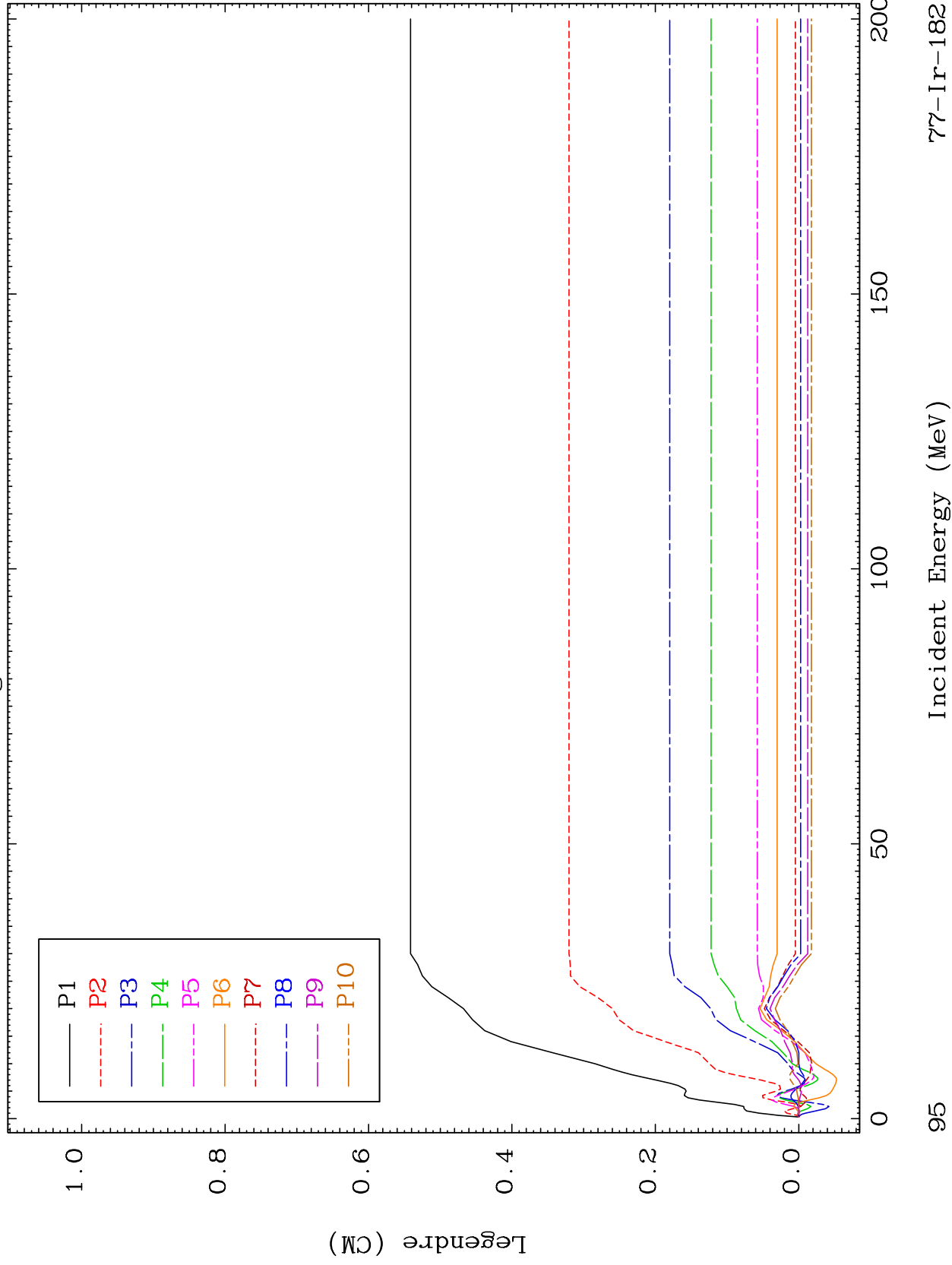




MAT 7698

283.8 keV (n,n') Level
Legendre Coefficients

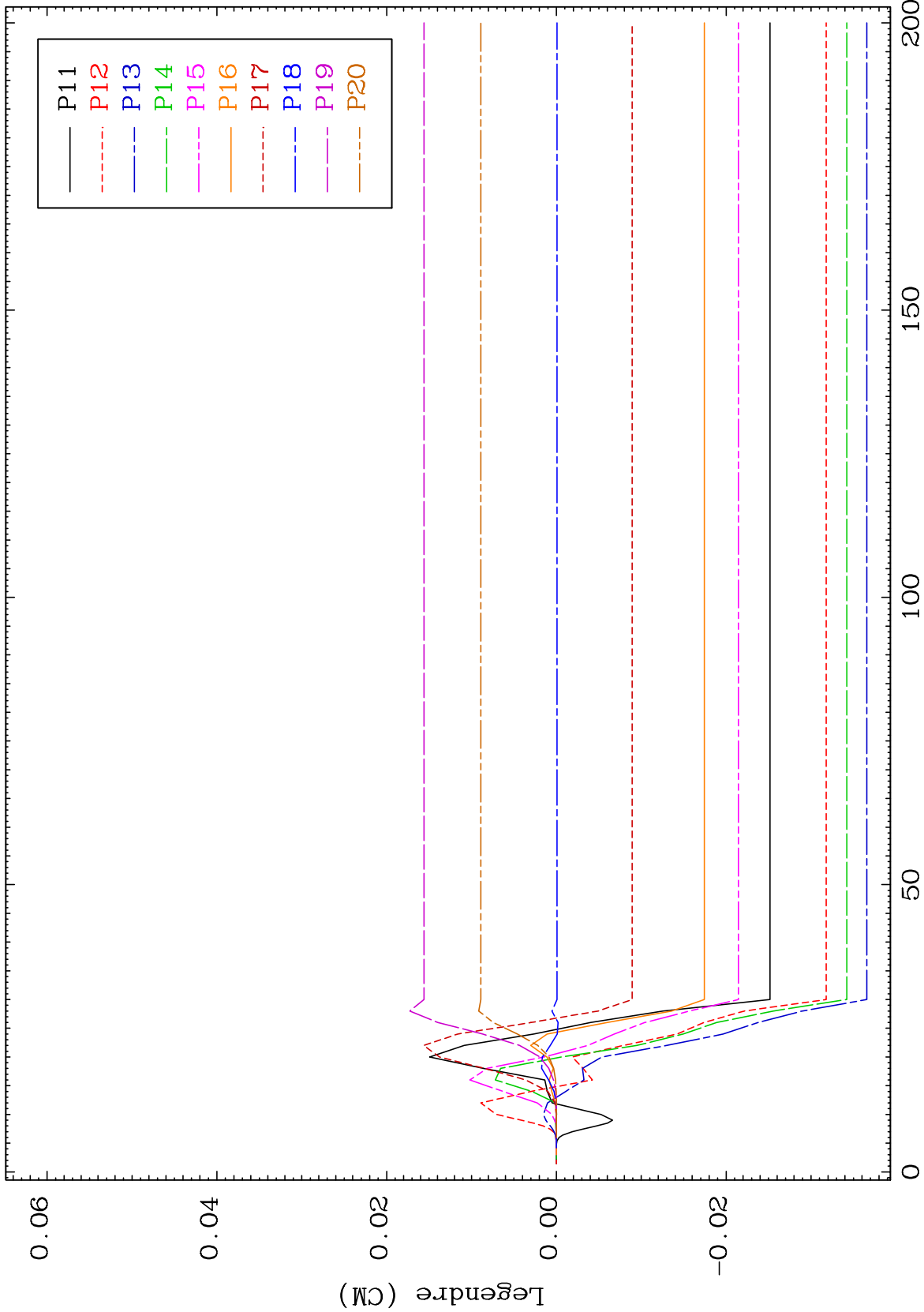
⁷⁷Ir-182



⁷⁷Ir-182

Incident Energy (MeV)

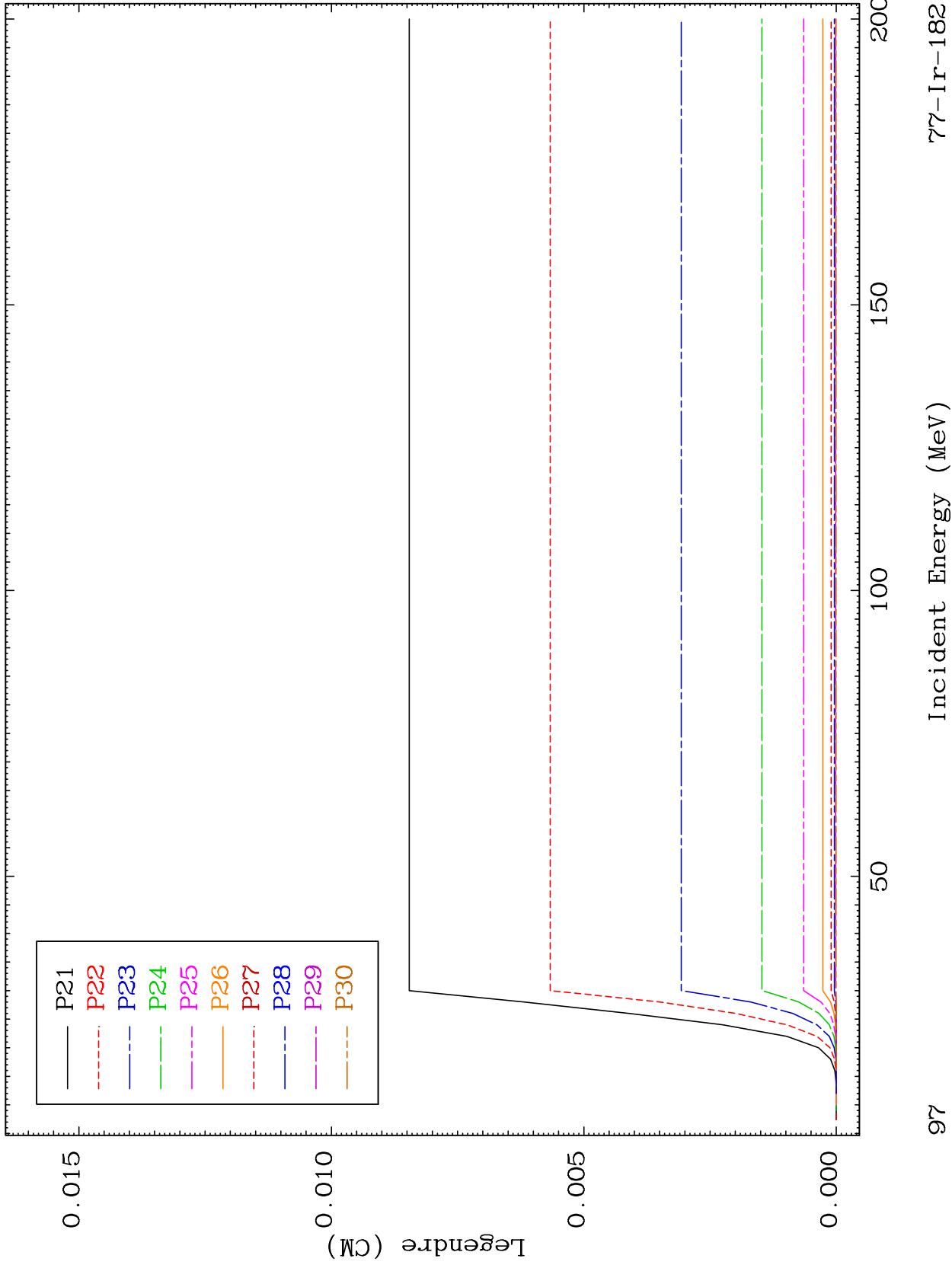
95



MAT 7698

283.8 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-182



97

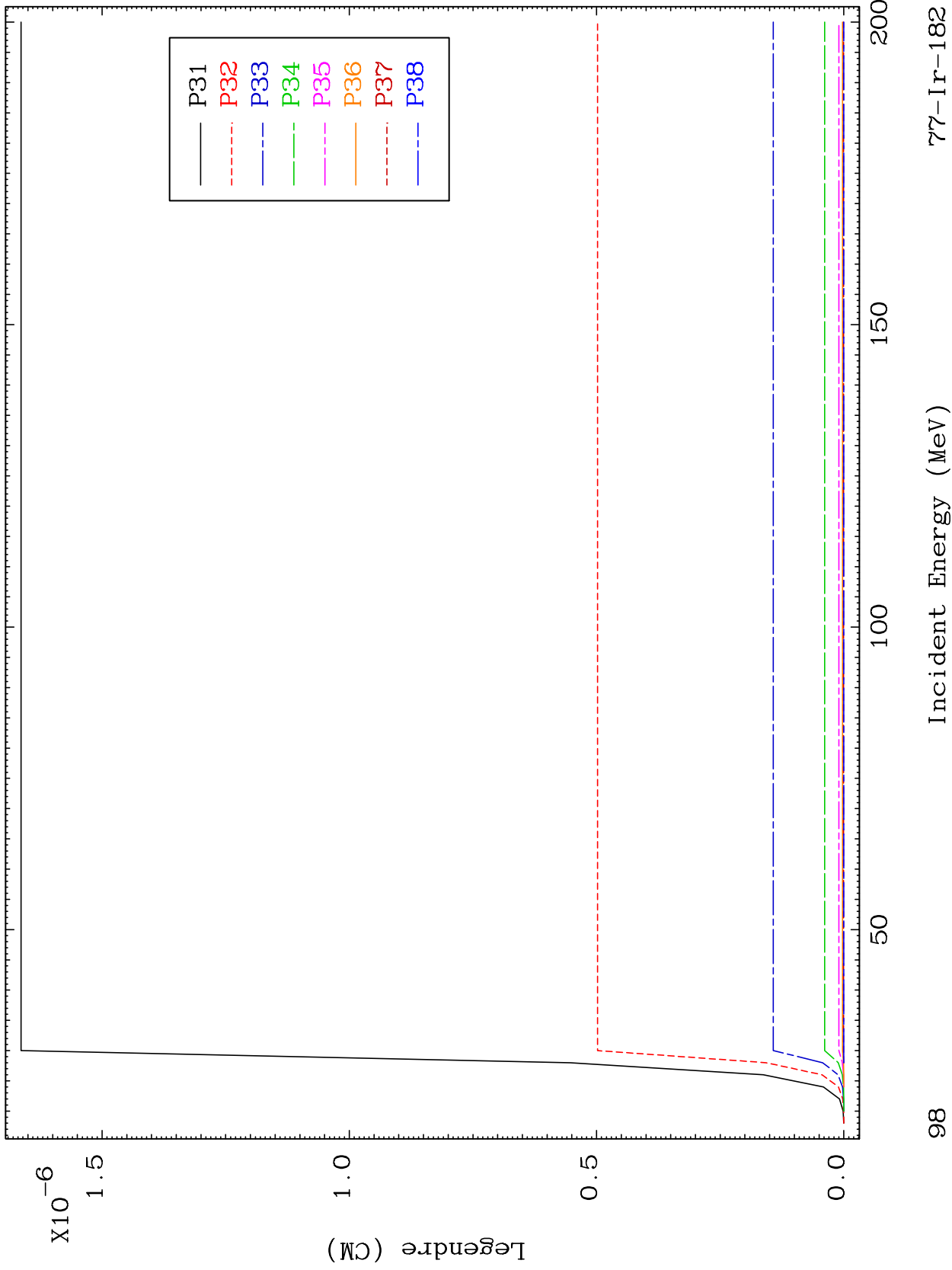
Incident Energy (MeV)

⁷⁷Ir-182

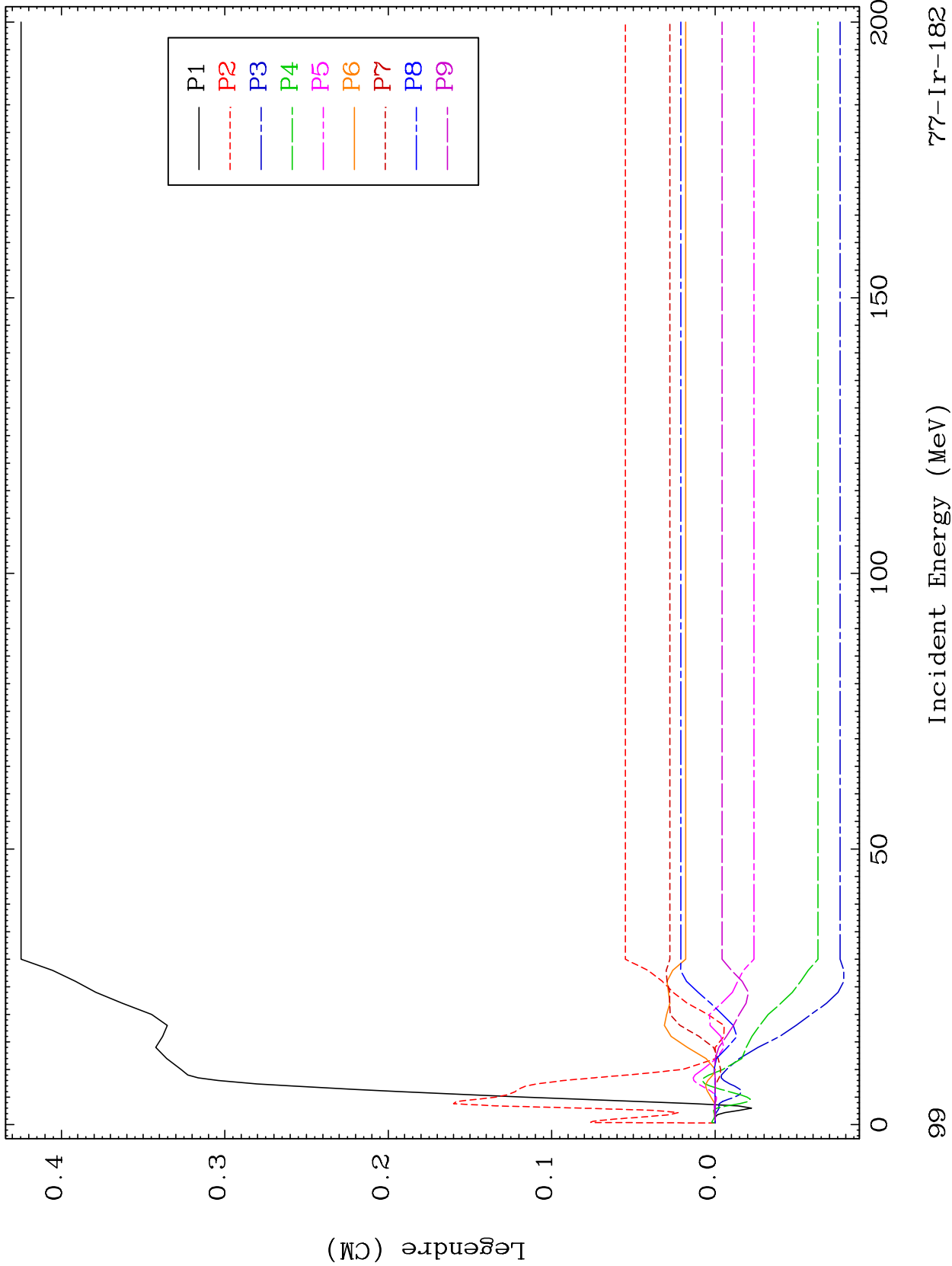
MAT 7698

283.8 keV (n,n') Level
Legendre Coefficients

77-Ir-182



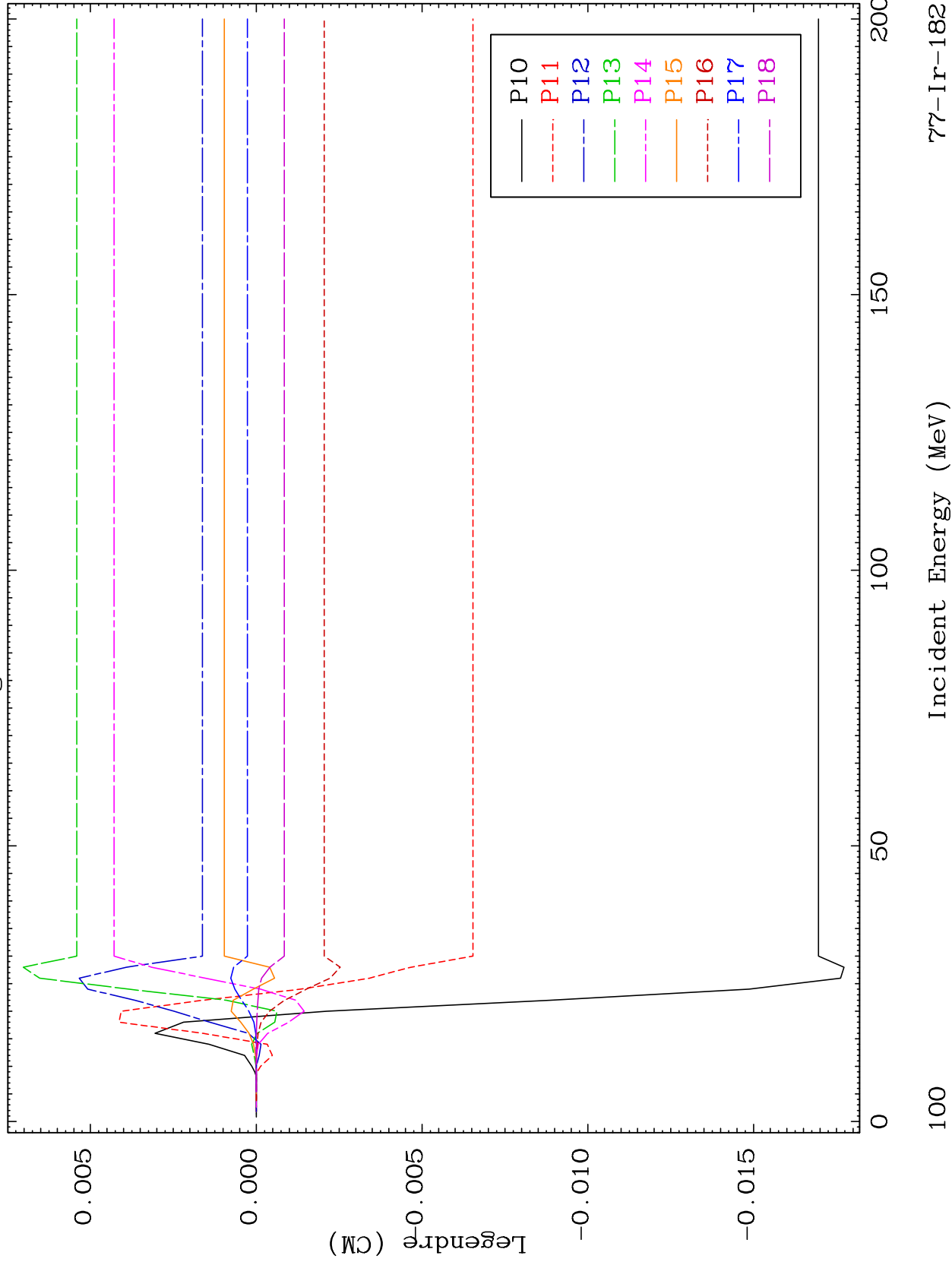
98



MAT 7698

292.2 keV (n,n') Level
Legendre Coefficients

77-Ir-182



77-Ir-182

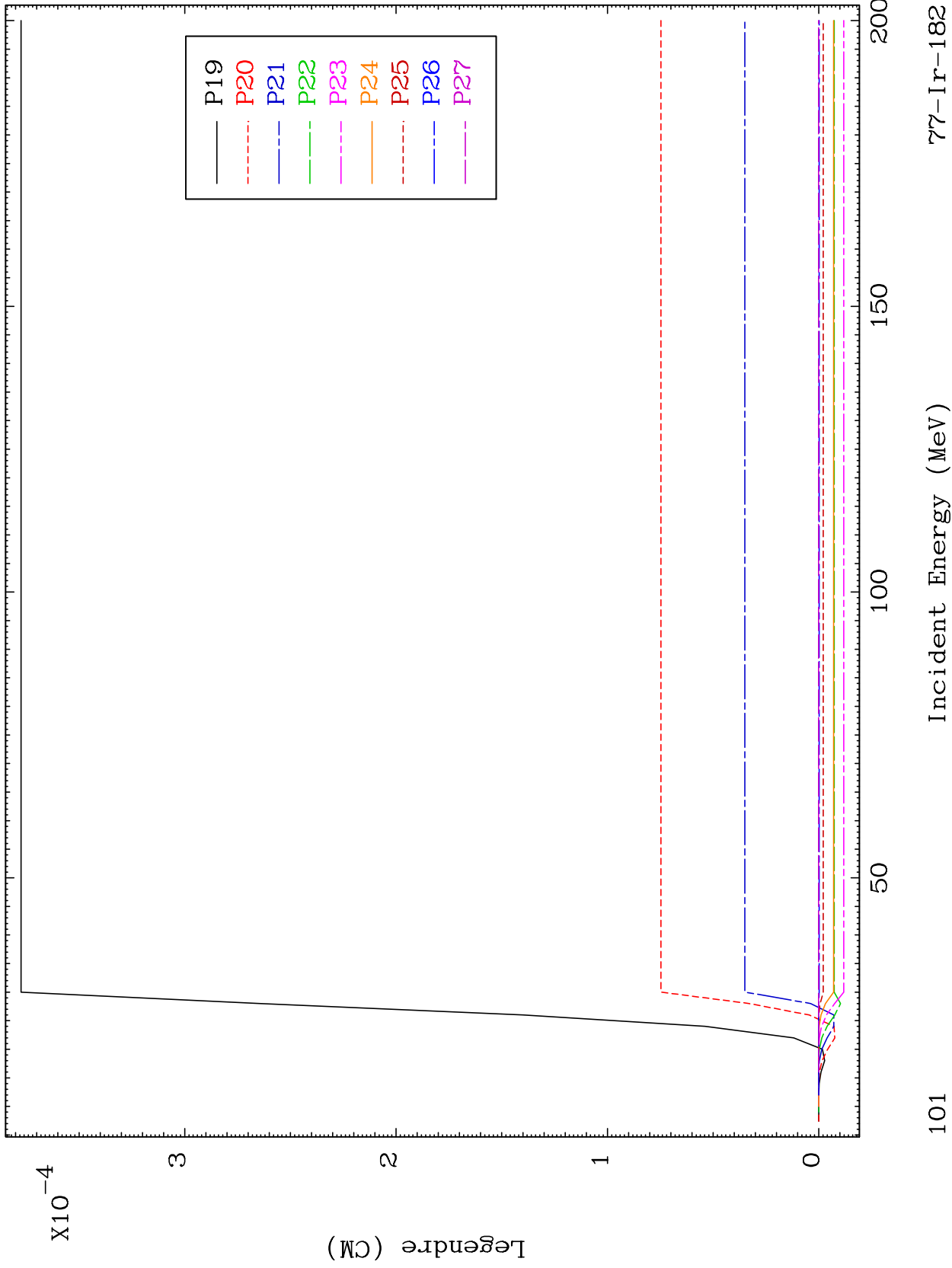
Incident Energy (MeV)

100

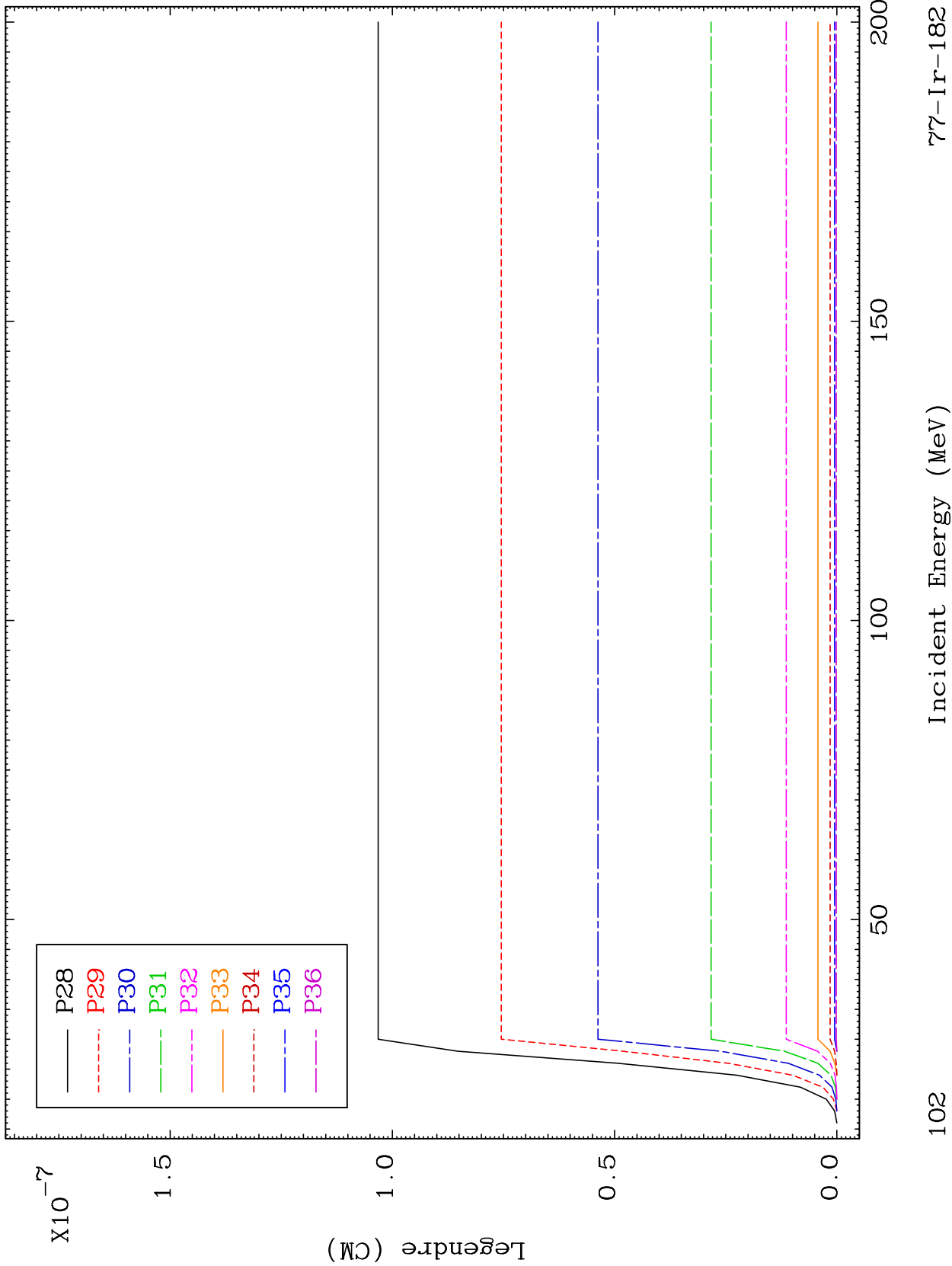
MAT 7698

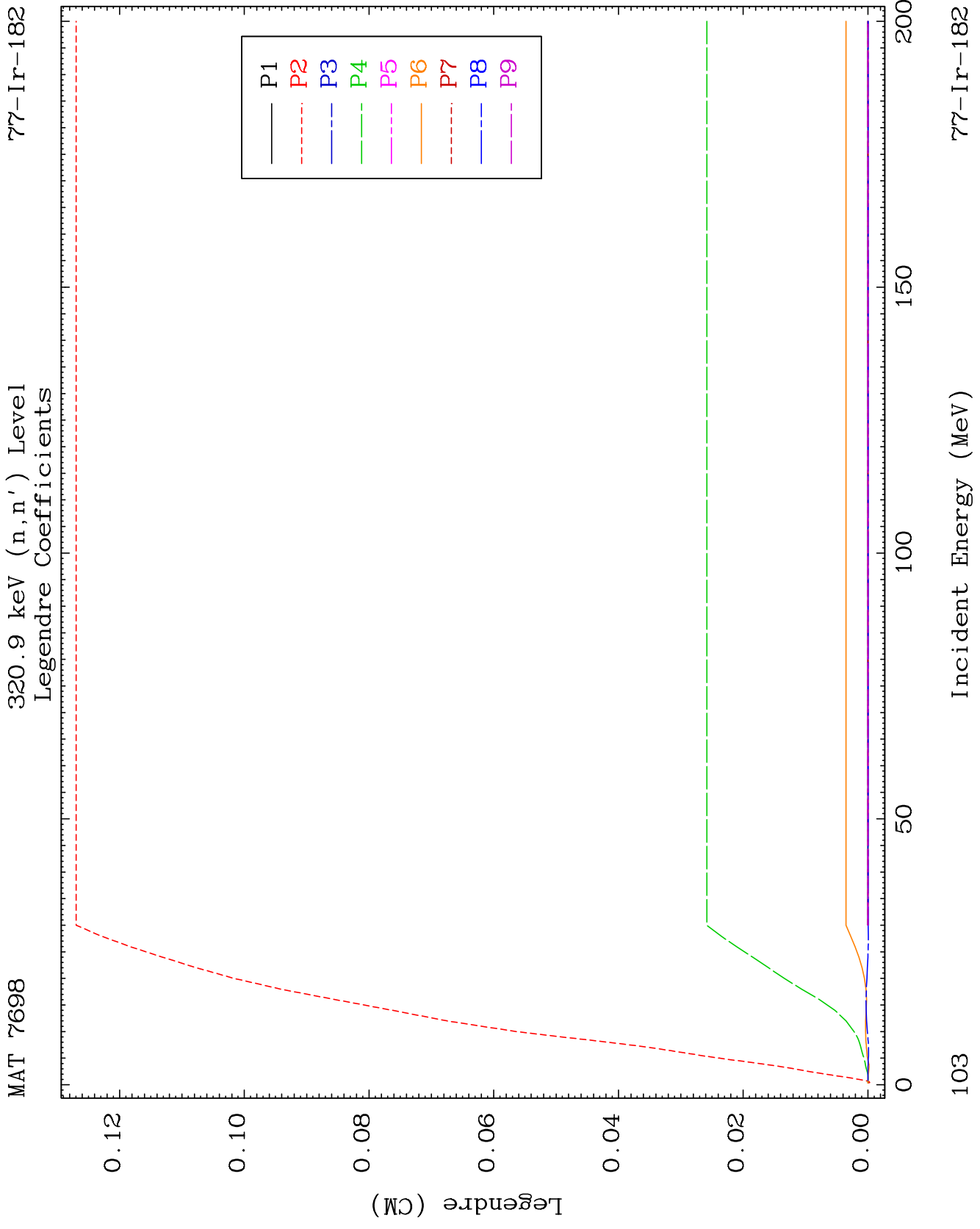
292.2 keV (n,n') Level
Legendre Coefficients

77-Ir-182



101

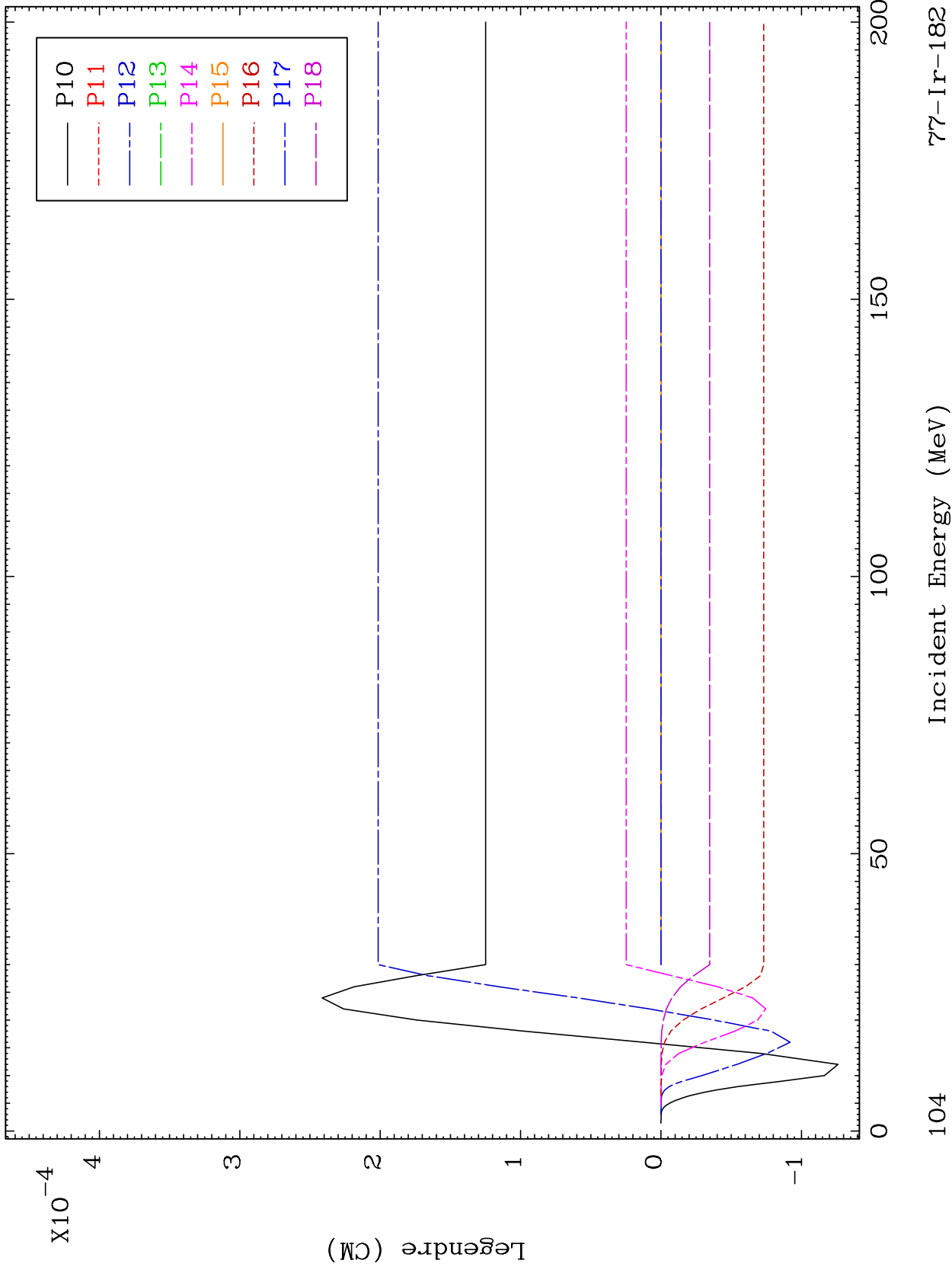




MAT 7698

320.9 keV (n,n') Level
Legendre Coefficients

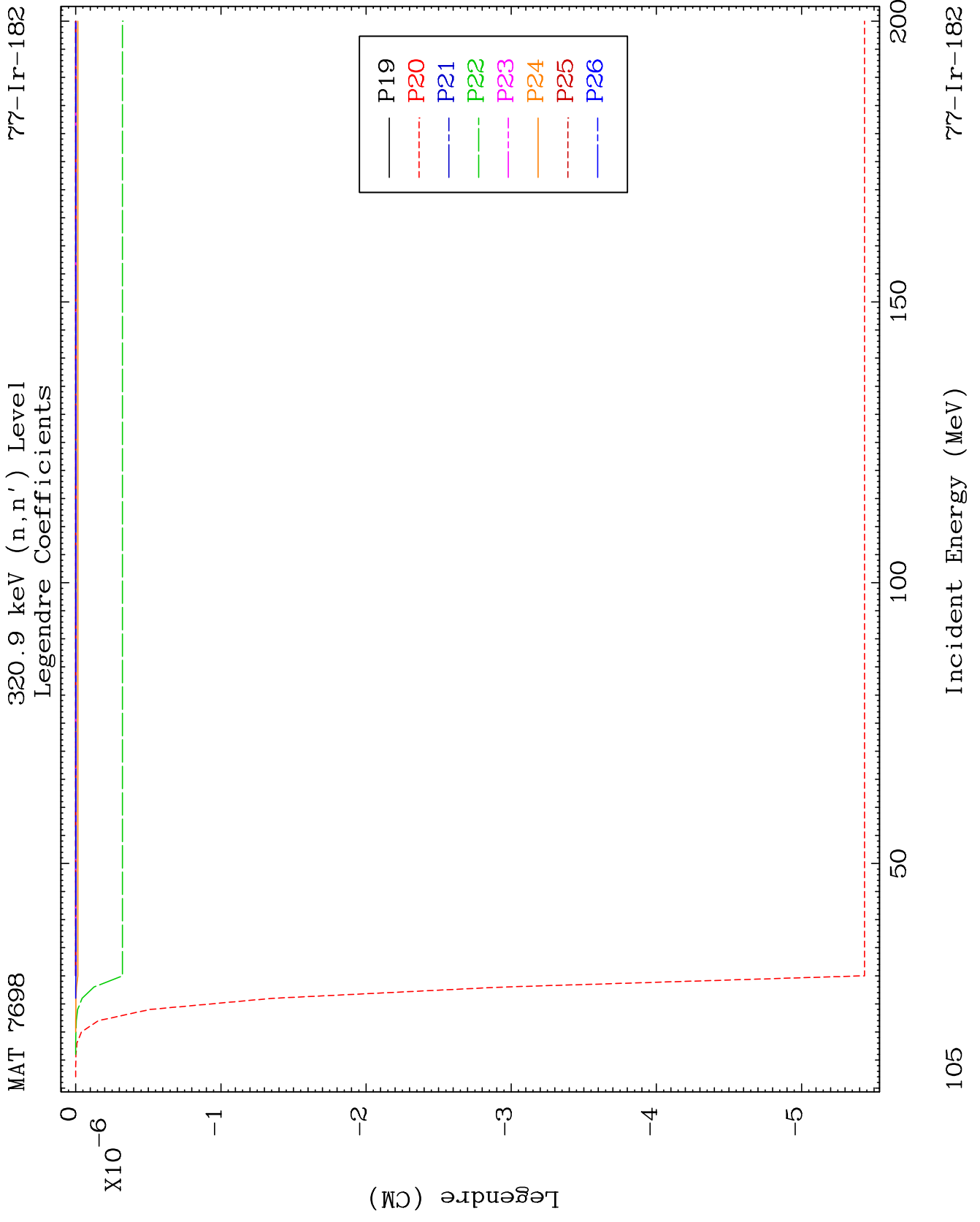
77-Ir-182



104

Incident Energy (MeV)

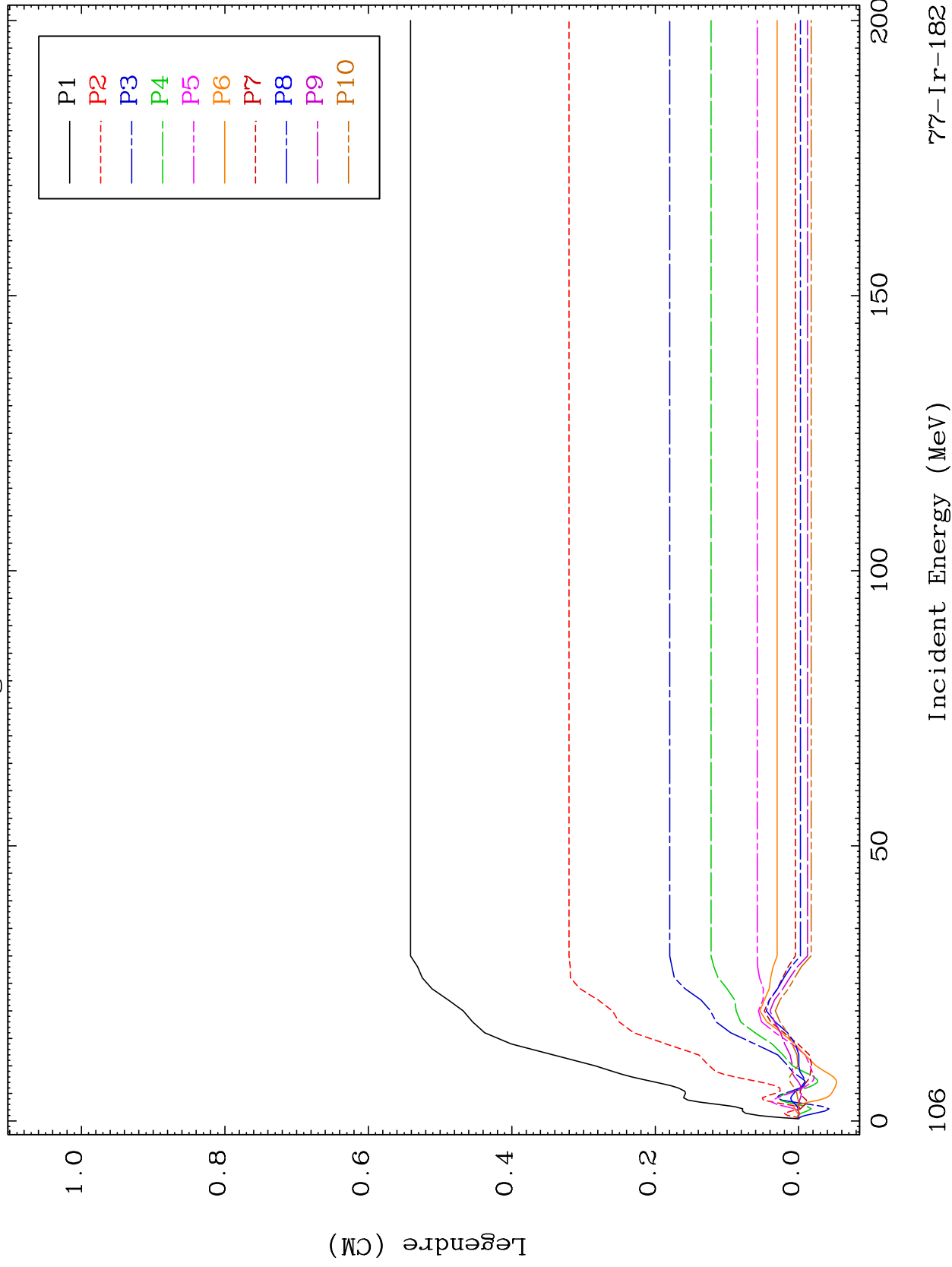
77-Ir-182



MAT 7698

341.7 keV (n,n') Level
Legendre Coefficients

77-Ir-182



77-Ir-182

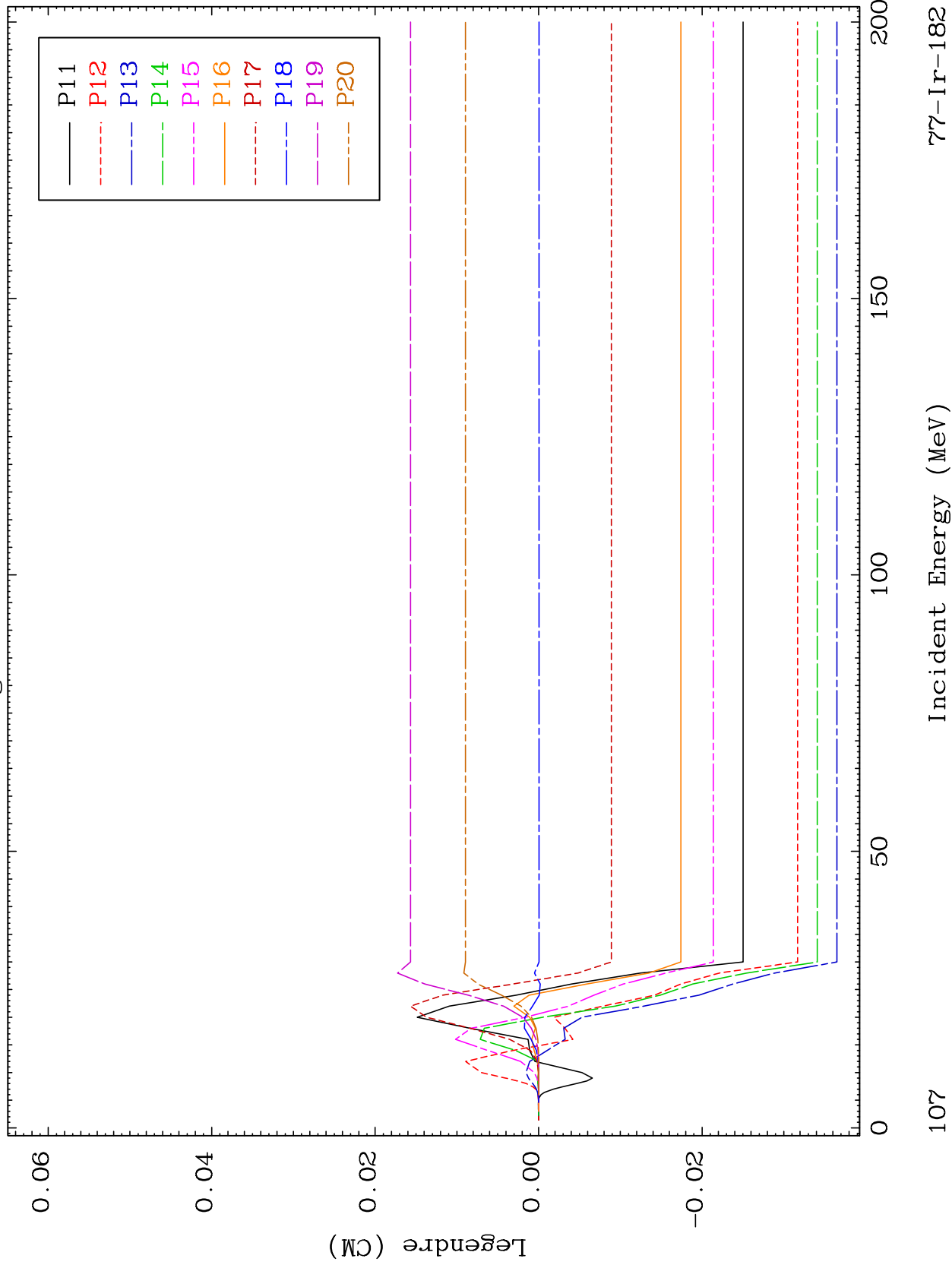
Incident Energy (MeV)

106

MAT 7698

341.7 keV (n,n') Level
Legendre Coefficients

77-Ir-182



107

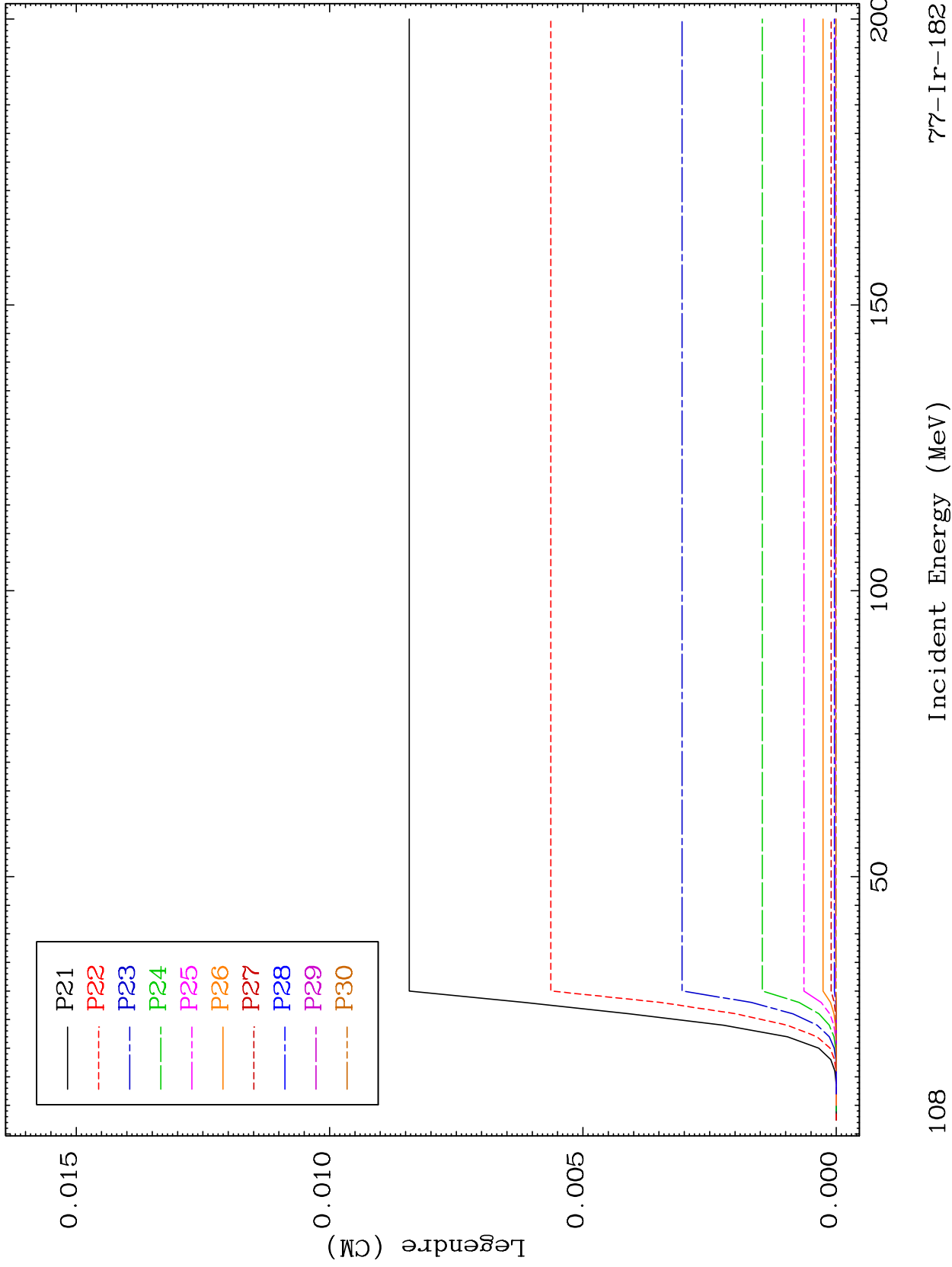
Incident Energy (MeV)

77-Ir-182

MAT 7698

341.7 keV (n,n') Level
Legendre Coefficients

77-Ir-182



108

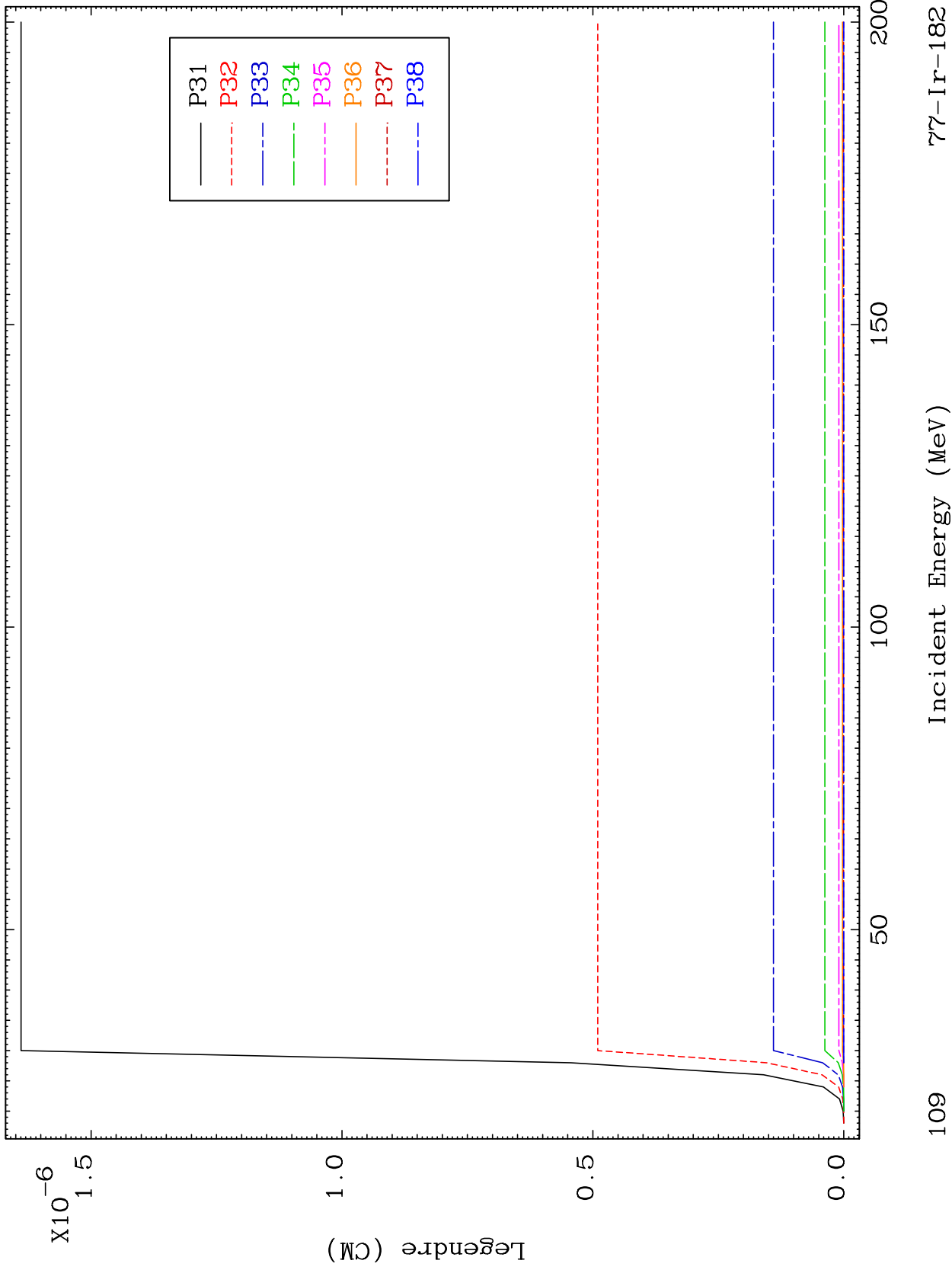
Incident Energy (MeV)

77-Ir-182

MAT 7698

341.7 keV (n,n') Level
Legendre Coefficients

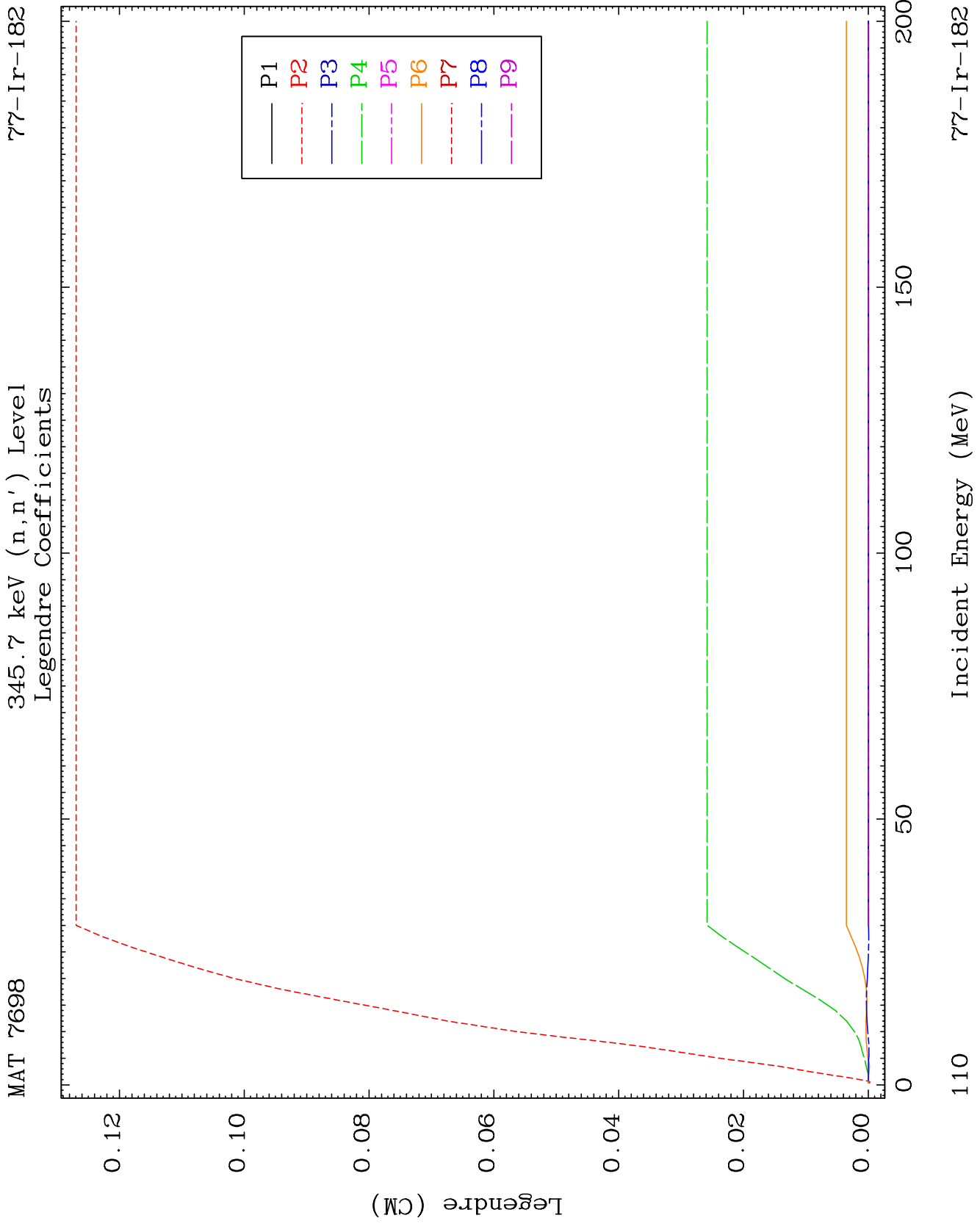
77-Ir-182



109

Incident Energy (MeV)

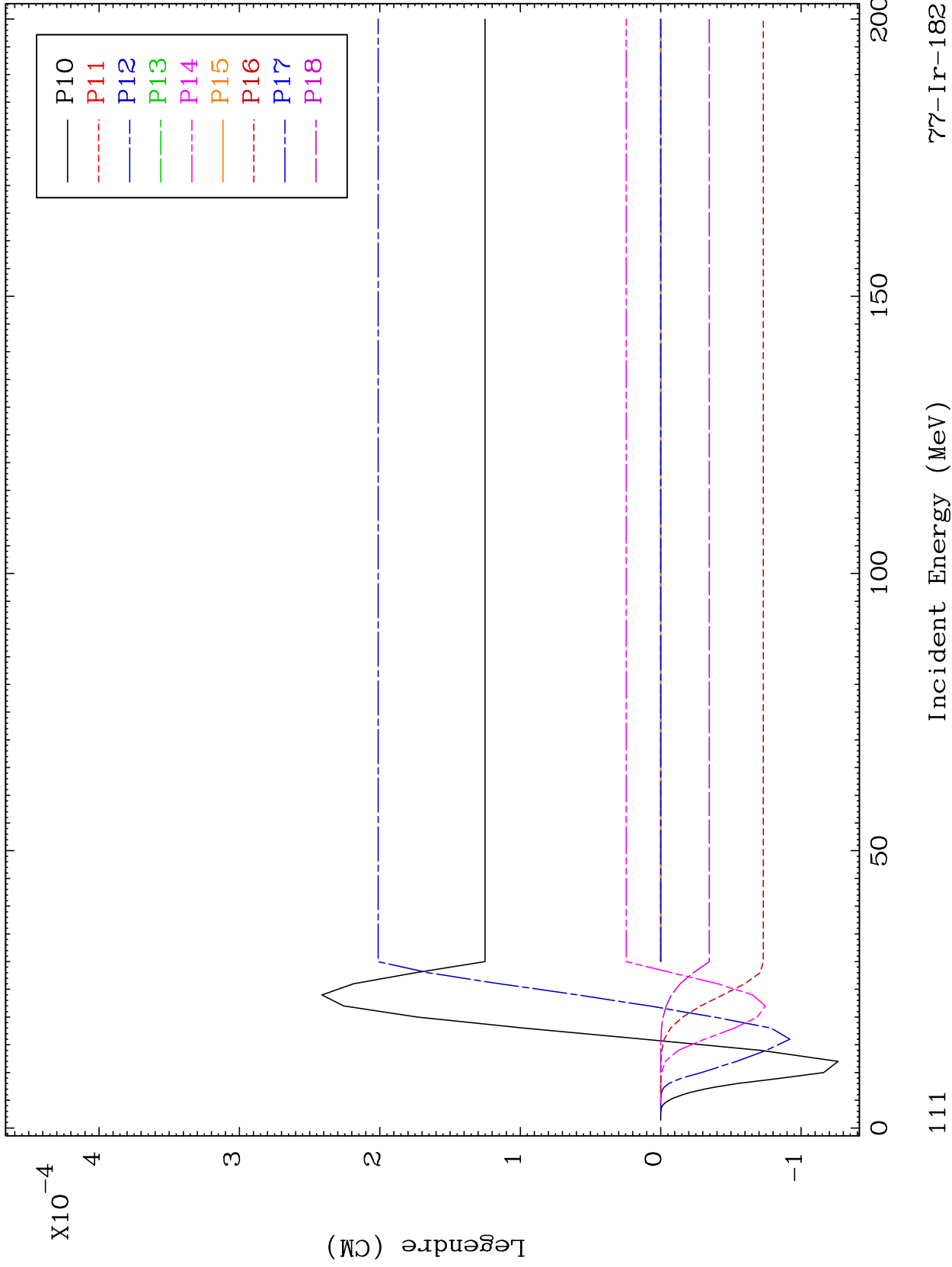
77-Ir-182

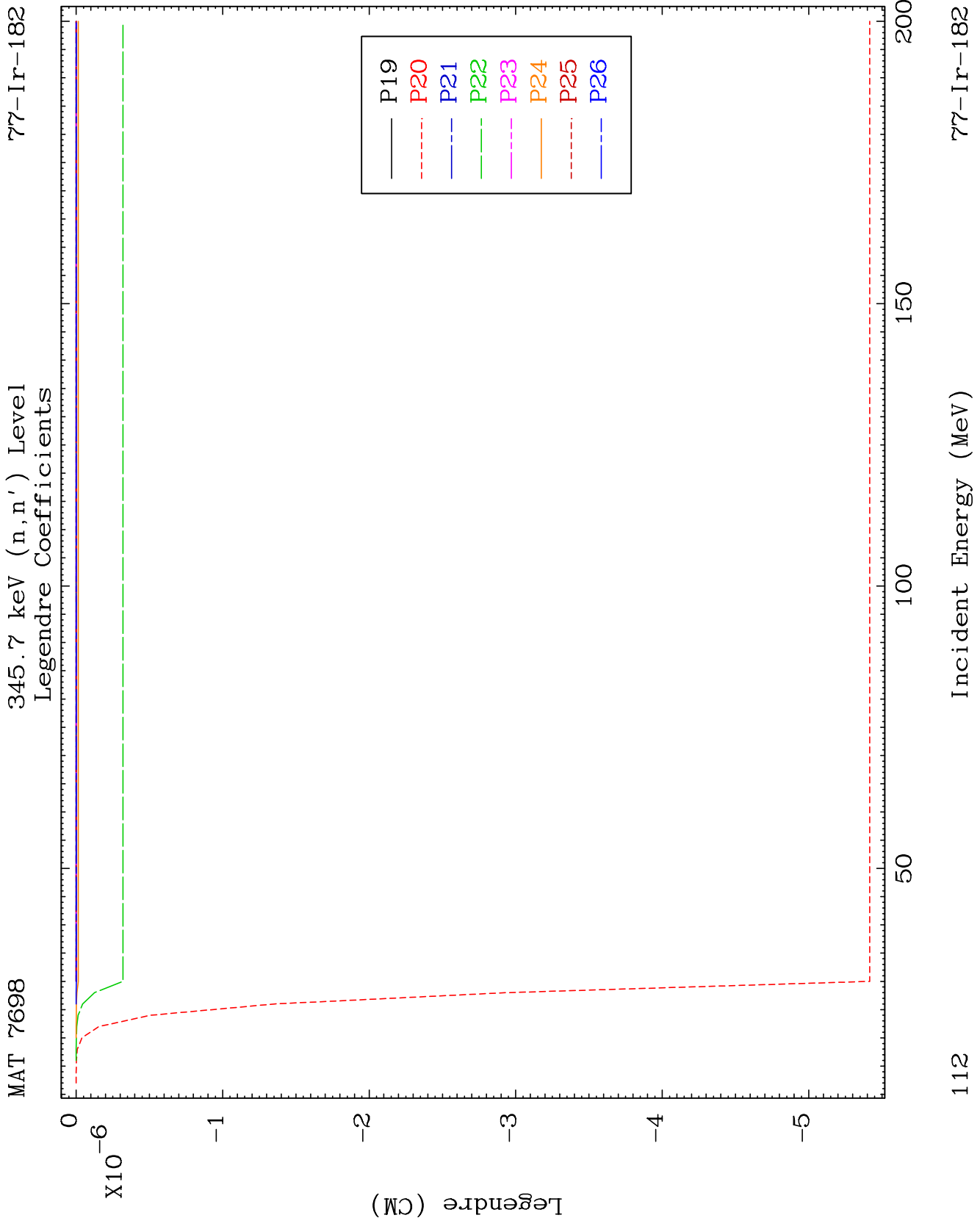


MAT 7698

345.7 keV (n, n') Level
Legendre Coefficients

77-Ir-182

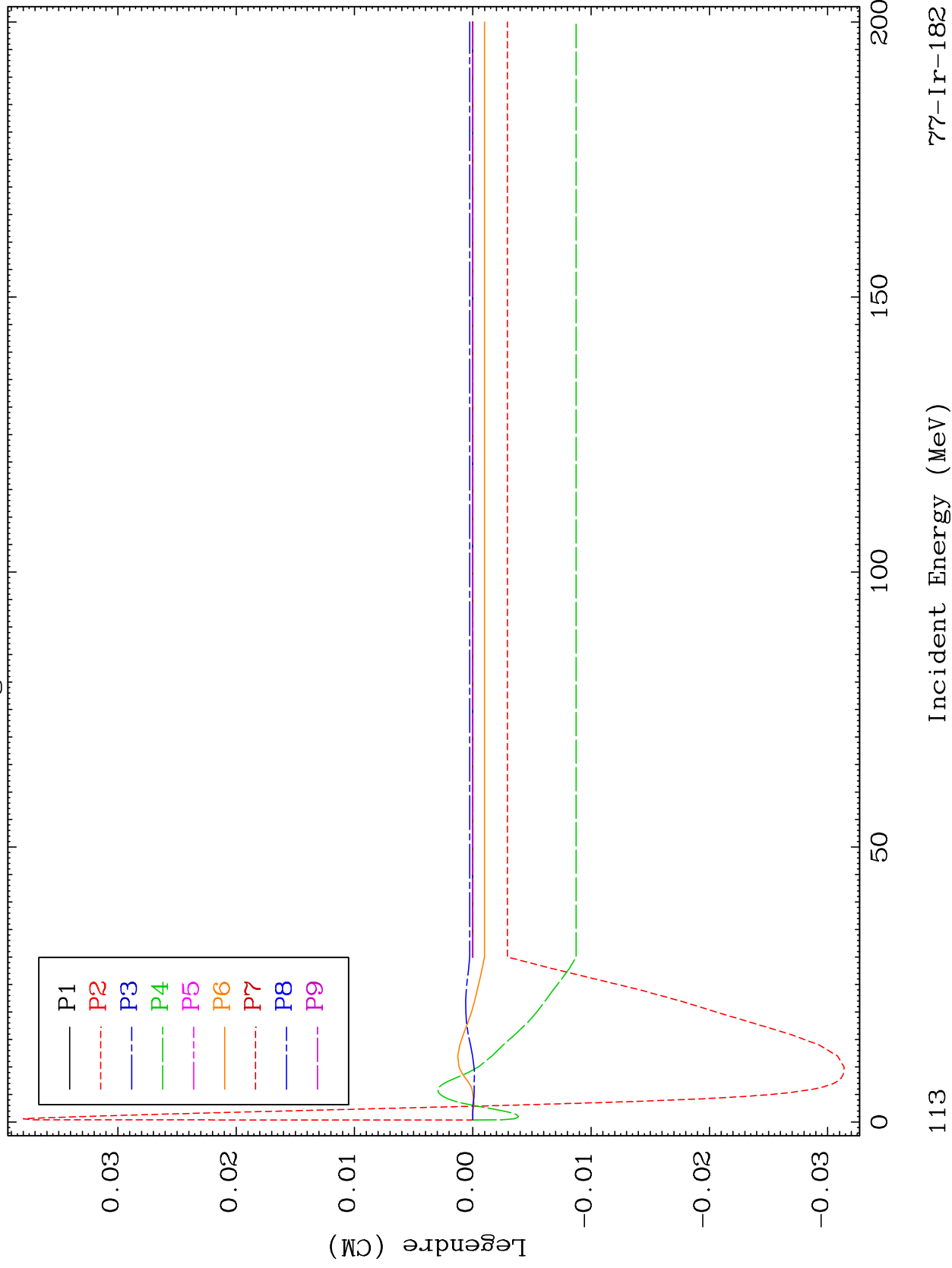




MAT 7698

346.7 keV (n,n') Level
Legendre Coefficients

77-Ir-182



113

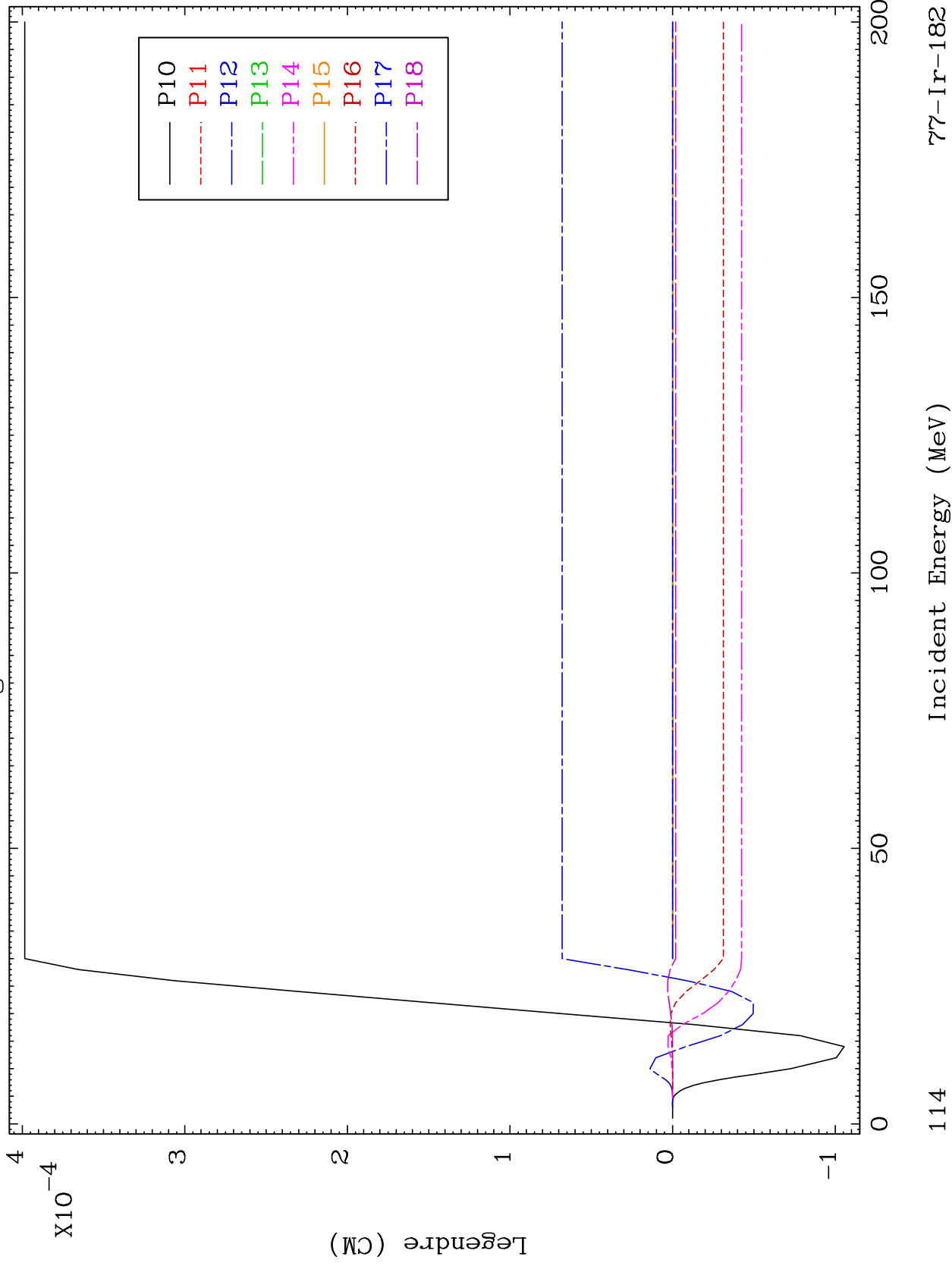
Incident Energy (MeV)

77-Ir-182

MAT 7698

346.7 keV (n,n') Level
Legendre Coefficients

77-Ir-182



77-Ir-182

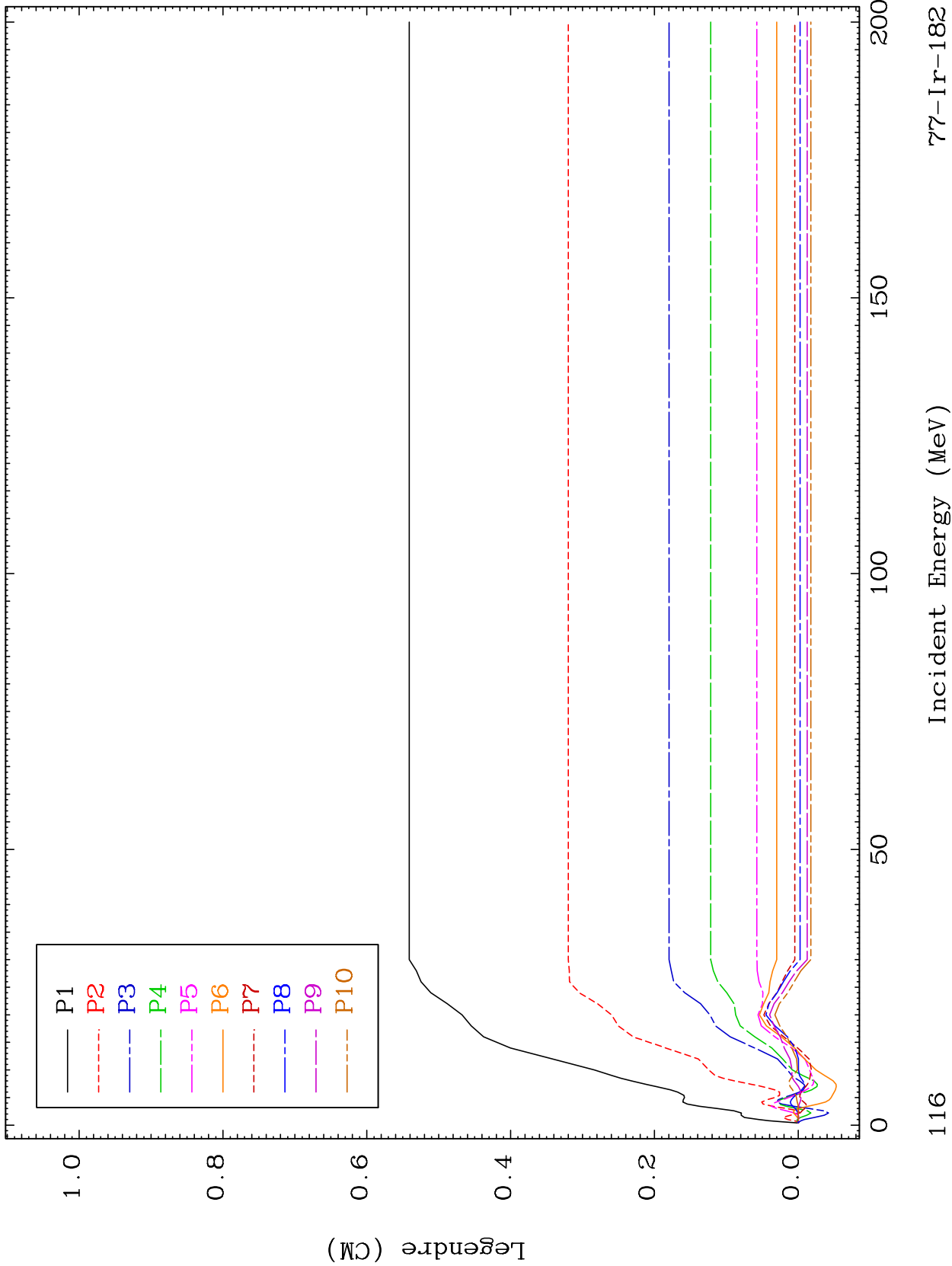
Incident Energy (MeV)

114

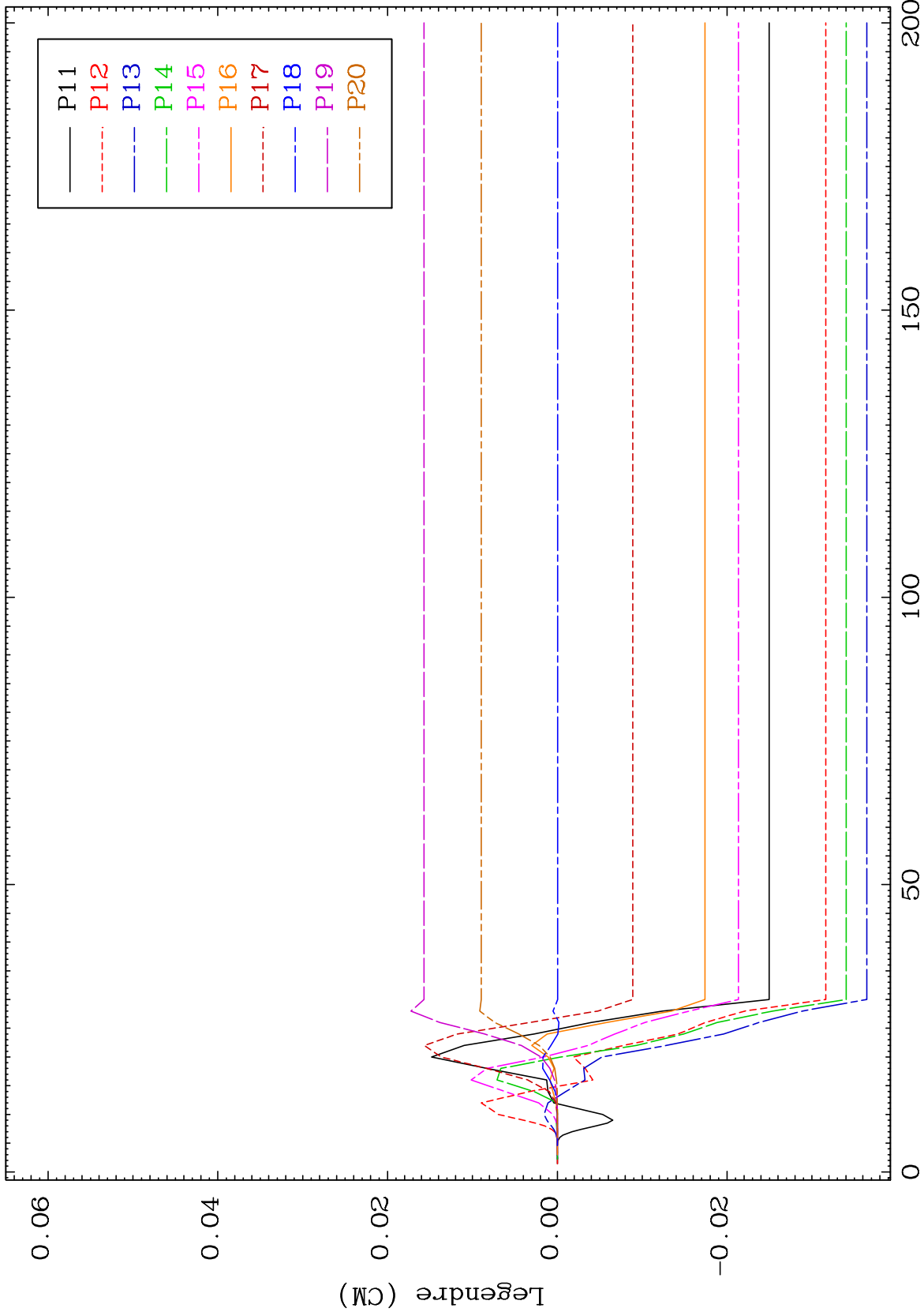
MAT 7698

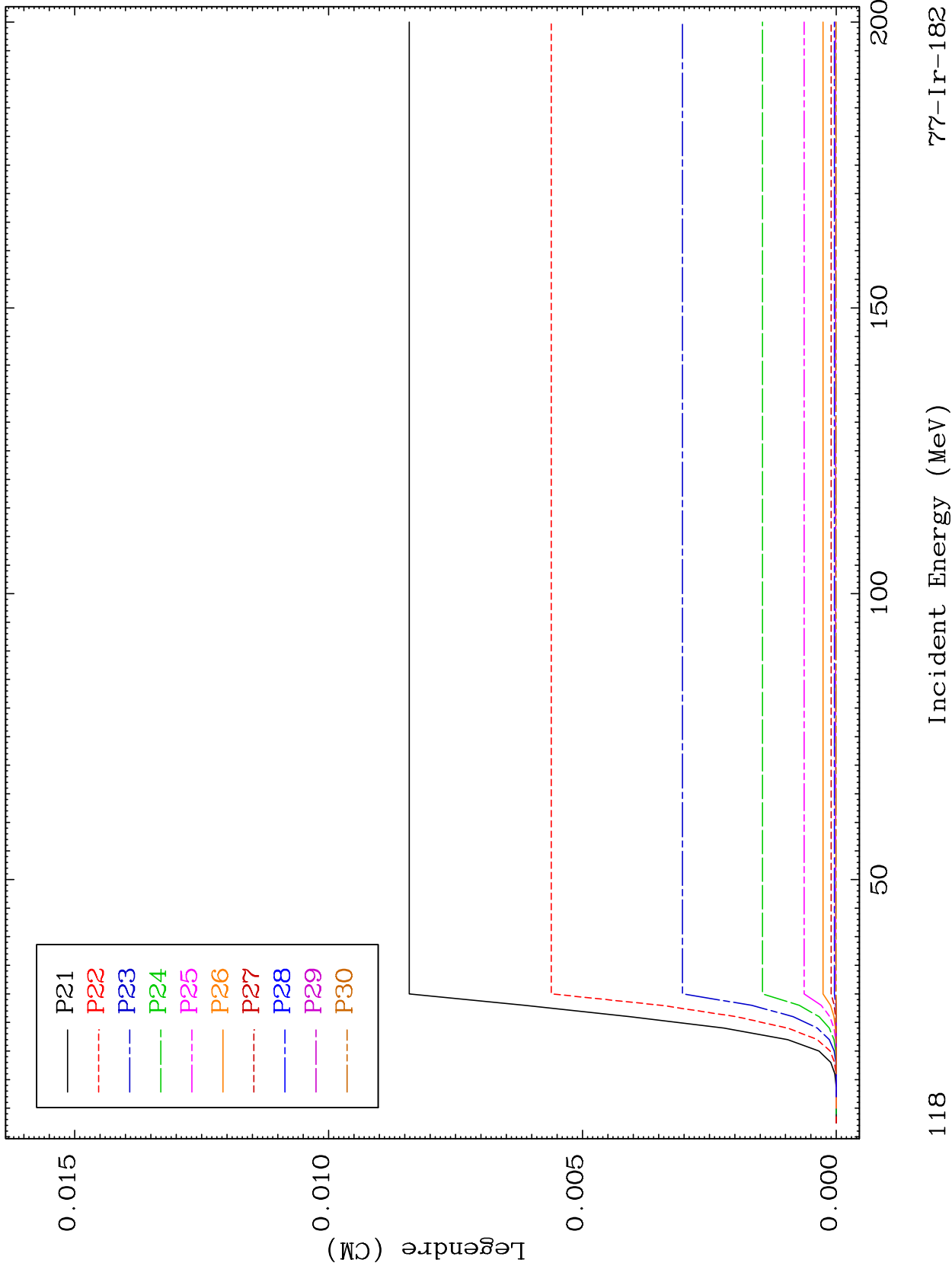
377.1 keV (n,n') Level
Legendre Coefficients

77-Ir-182



116

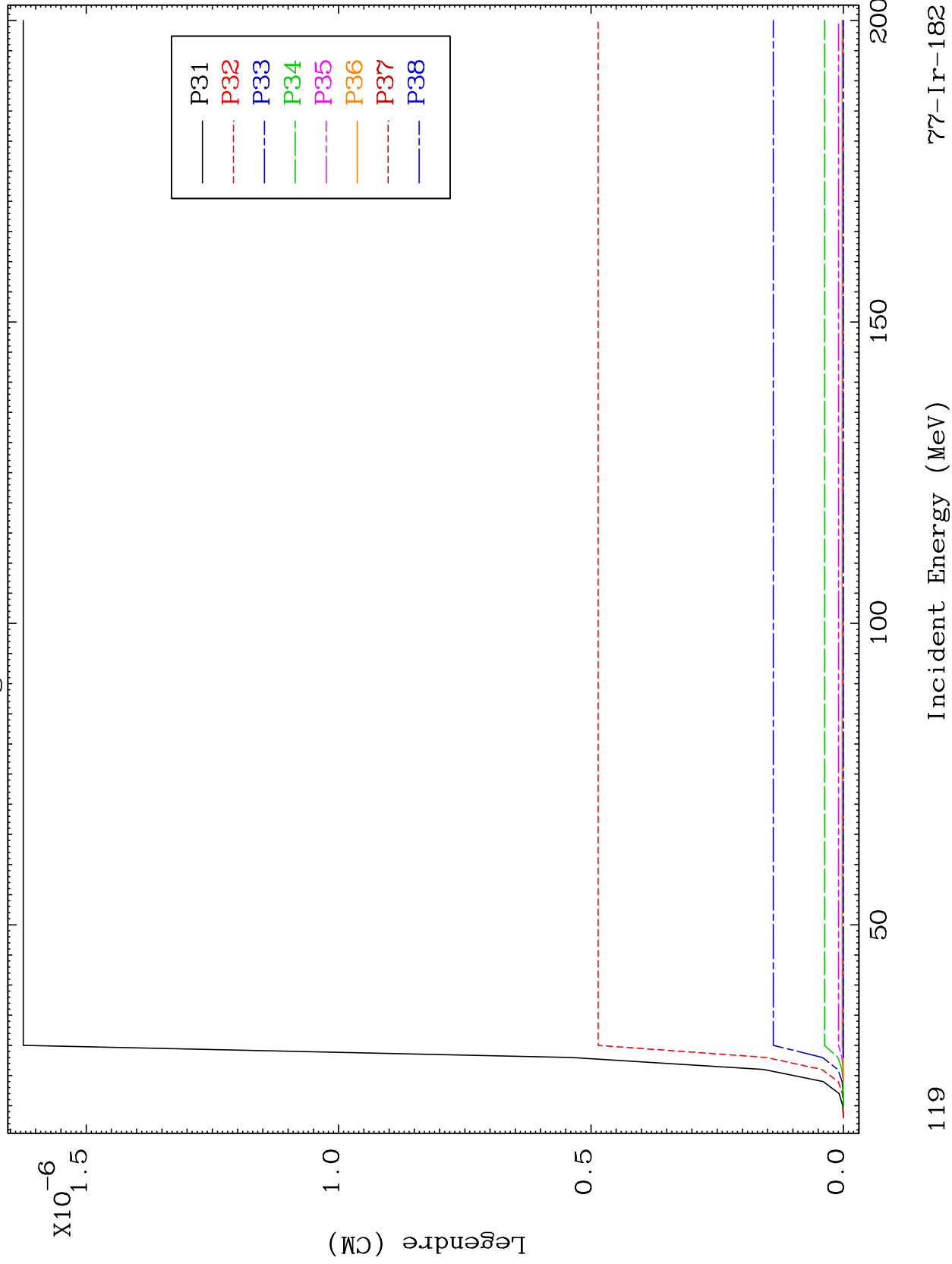




MAT 7698

377.1 keV (n,n') Level
Legendre Coefficients

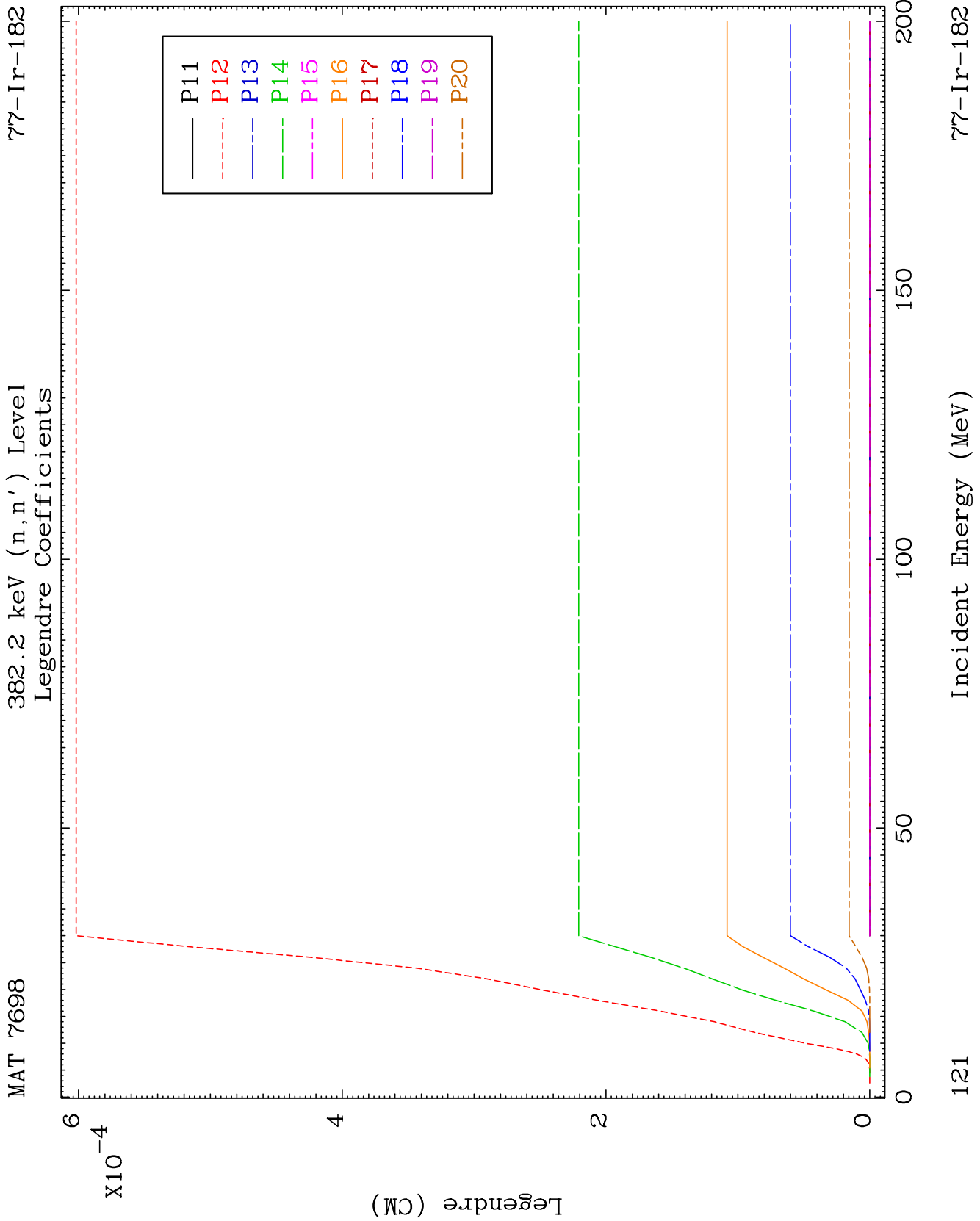
77-Ir-182



119

Incident Energy (MeV)

77-Ir-182

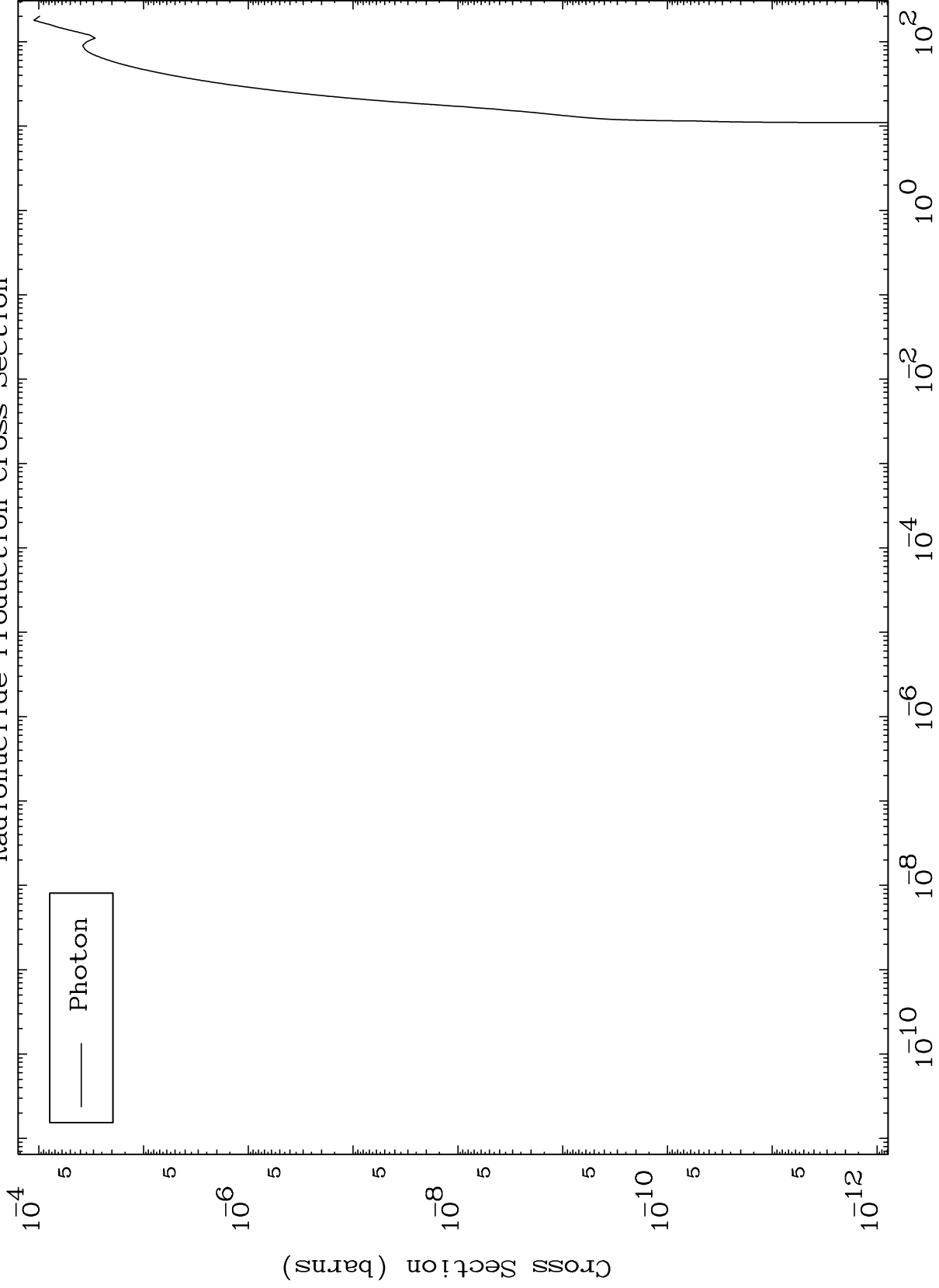


MAT 7698

Fission

⁷⁷Ir-182

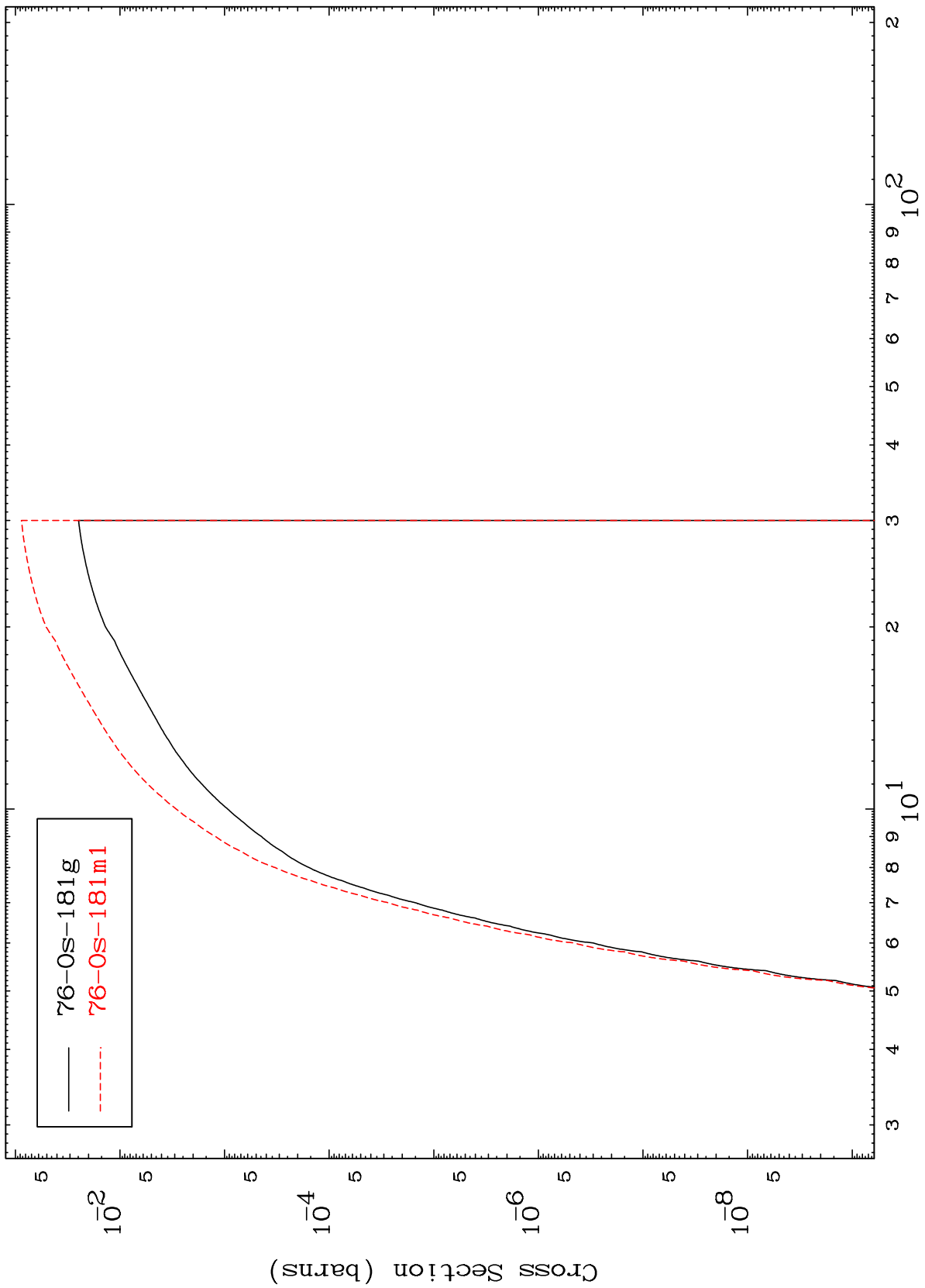
Radionuclide Production Cross Section



MAT 7698

⁷⁷Ir-182

Radionuclide Production Cross Section



— 76-Os-181g
- - - 76-Os-181m1

124

Incident Energy (MeV)

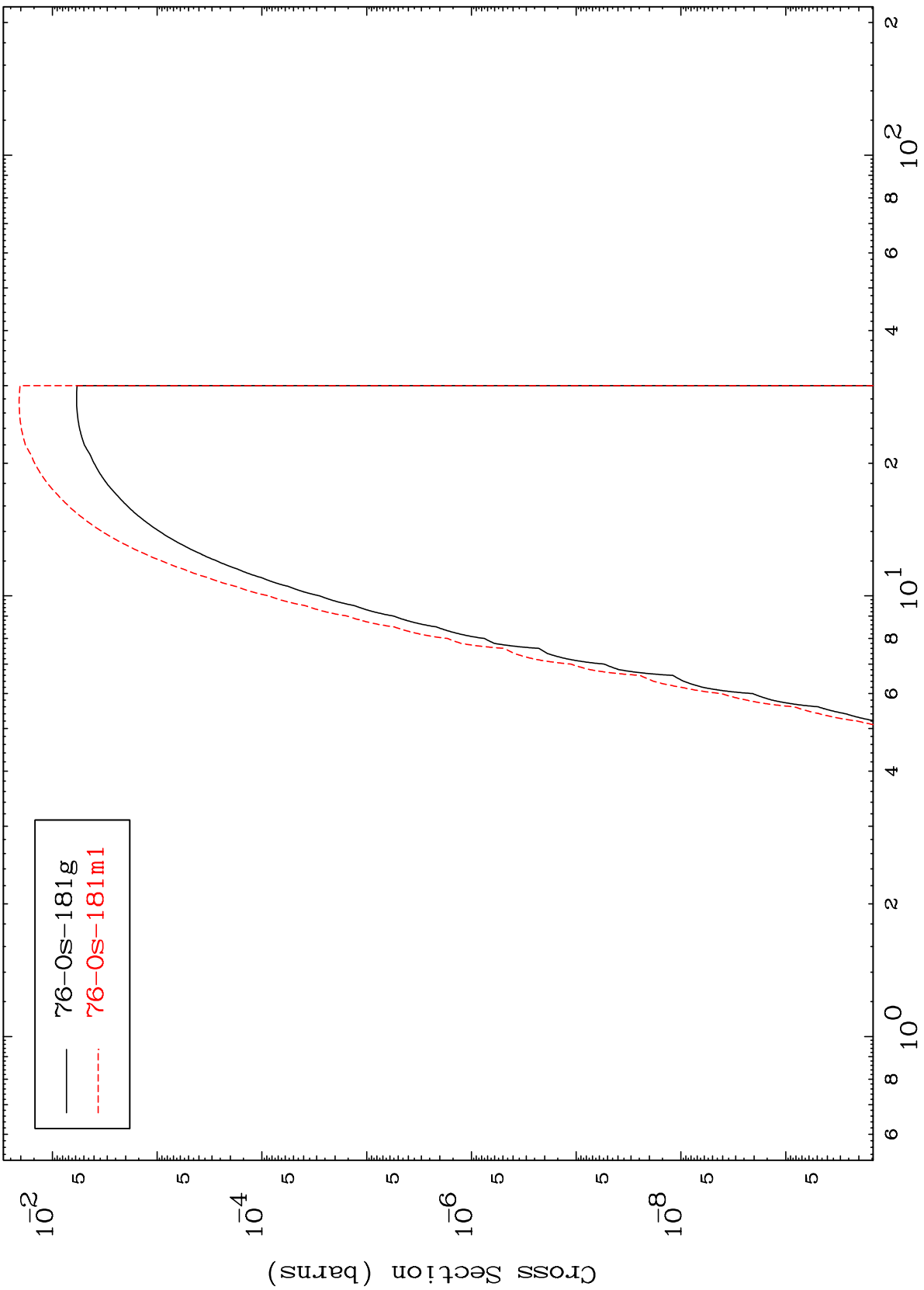
⁷⁷Ir-182

MAT 7698

(n,d)

⁷⁷Ir-182

Radionuclide Production Cross Section



125

Incident Energy (MeV)

⁷⁷Ir-182