

Program EVALPLOT
(Version 2015-2)

by

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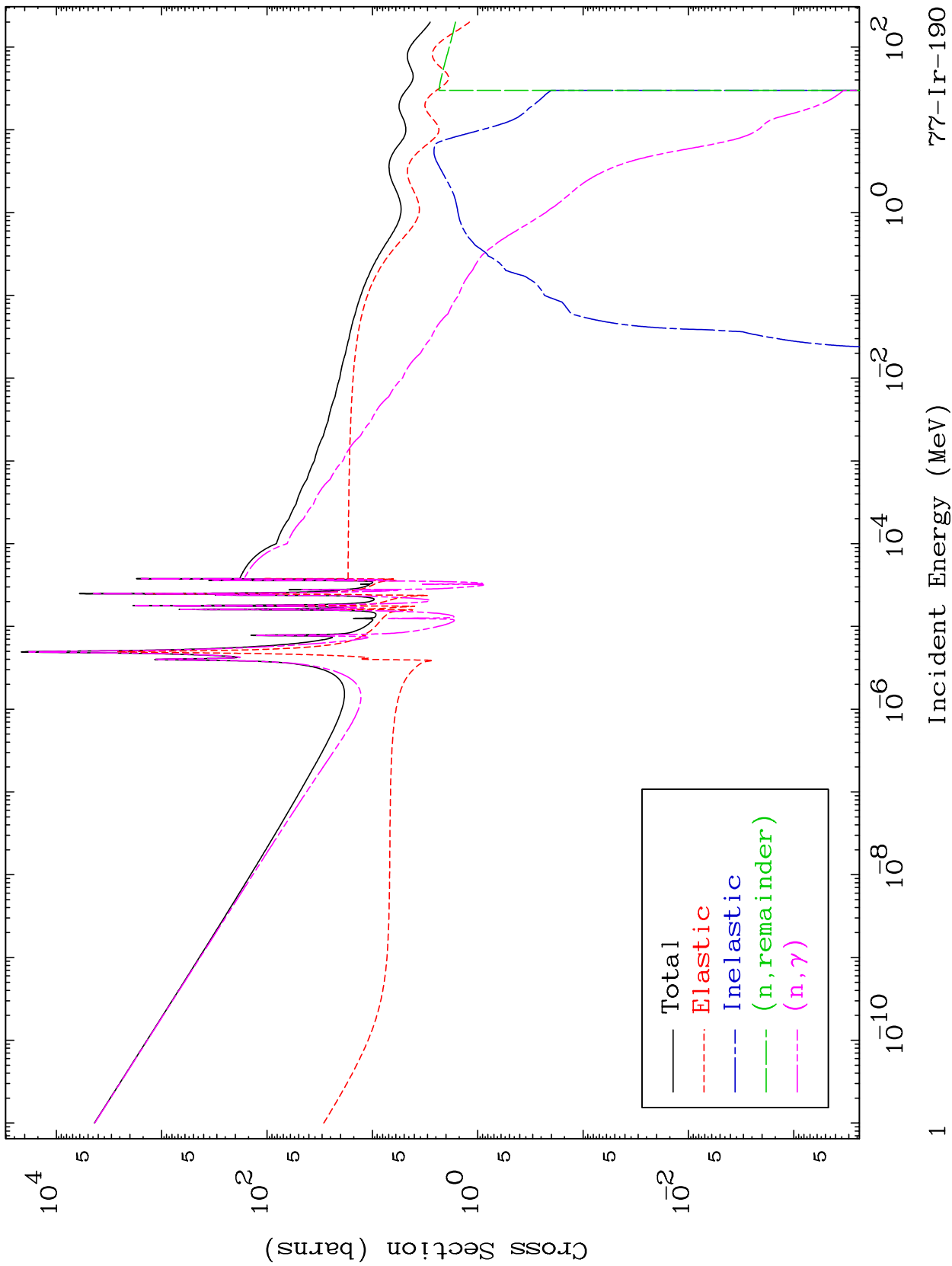
Press Mouse Button to Start

MAT 7722

Major

293 Kelvin Cross Sections

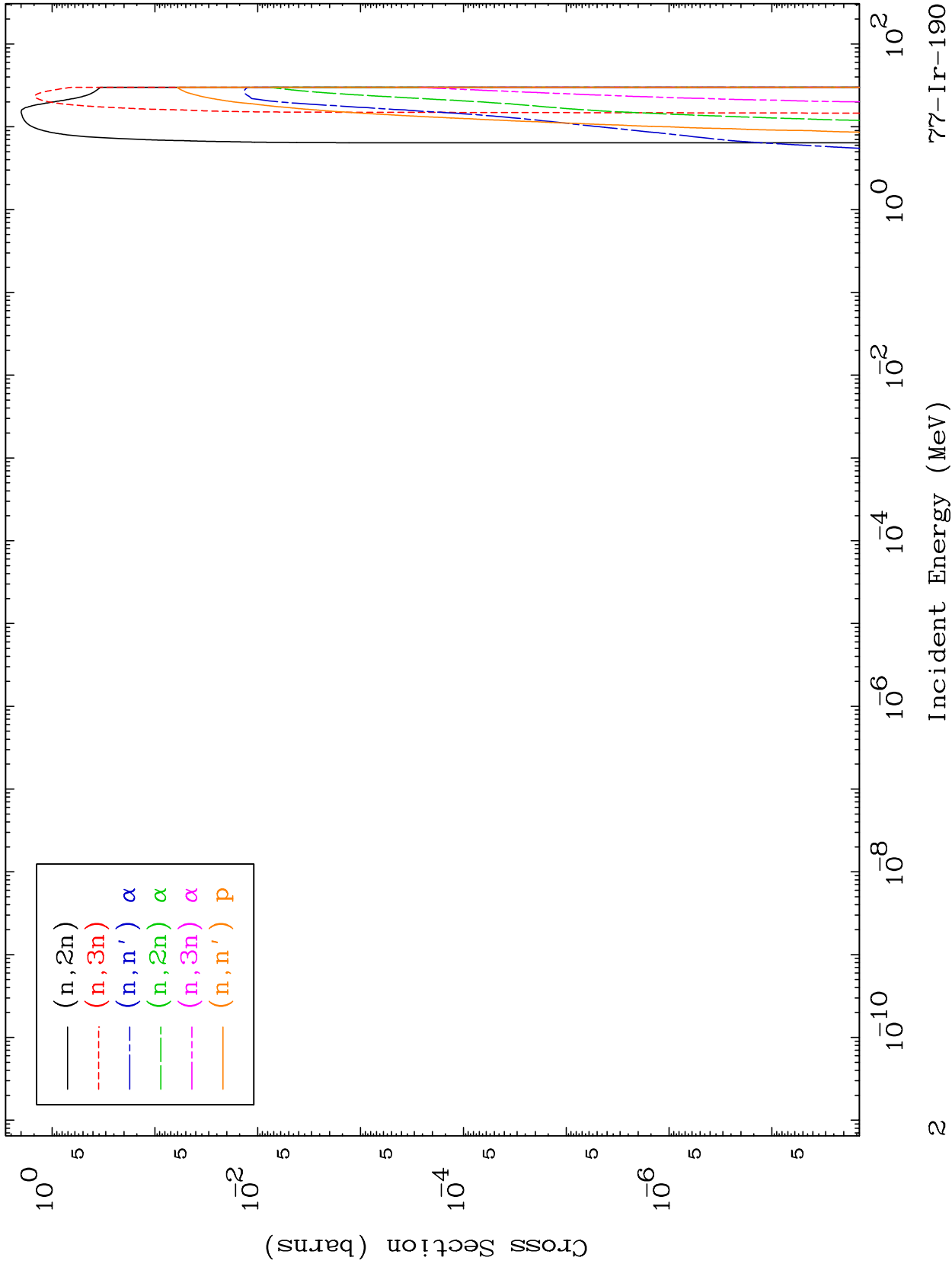
77-Ir-190

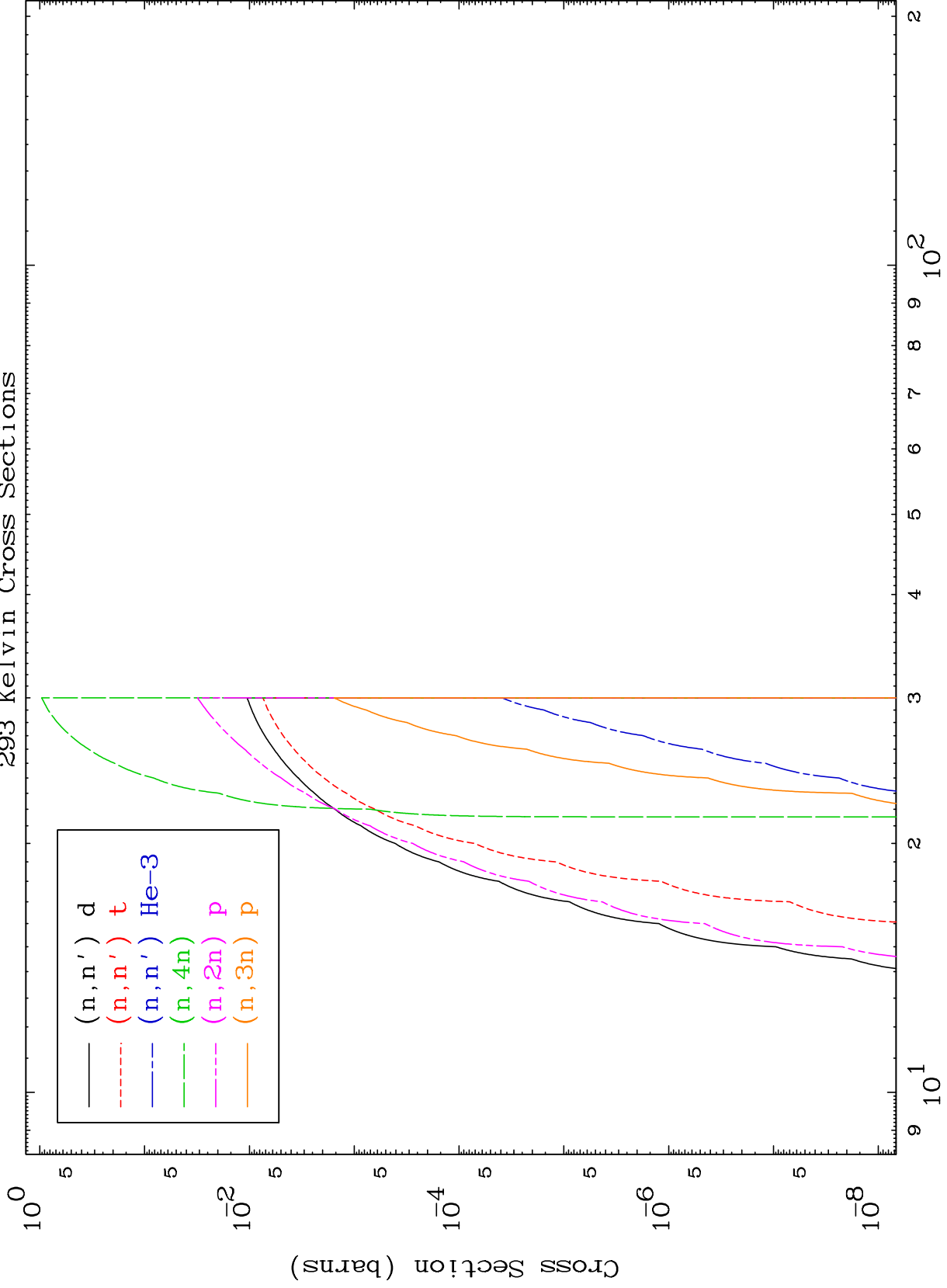


MAT 7722

Neutron Production
293 Kelvin Cross Sections

77-Ir-190

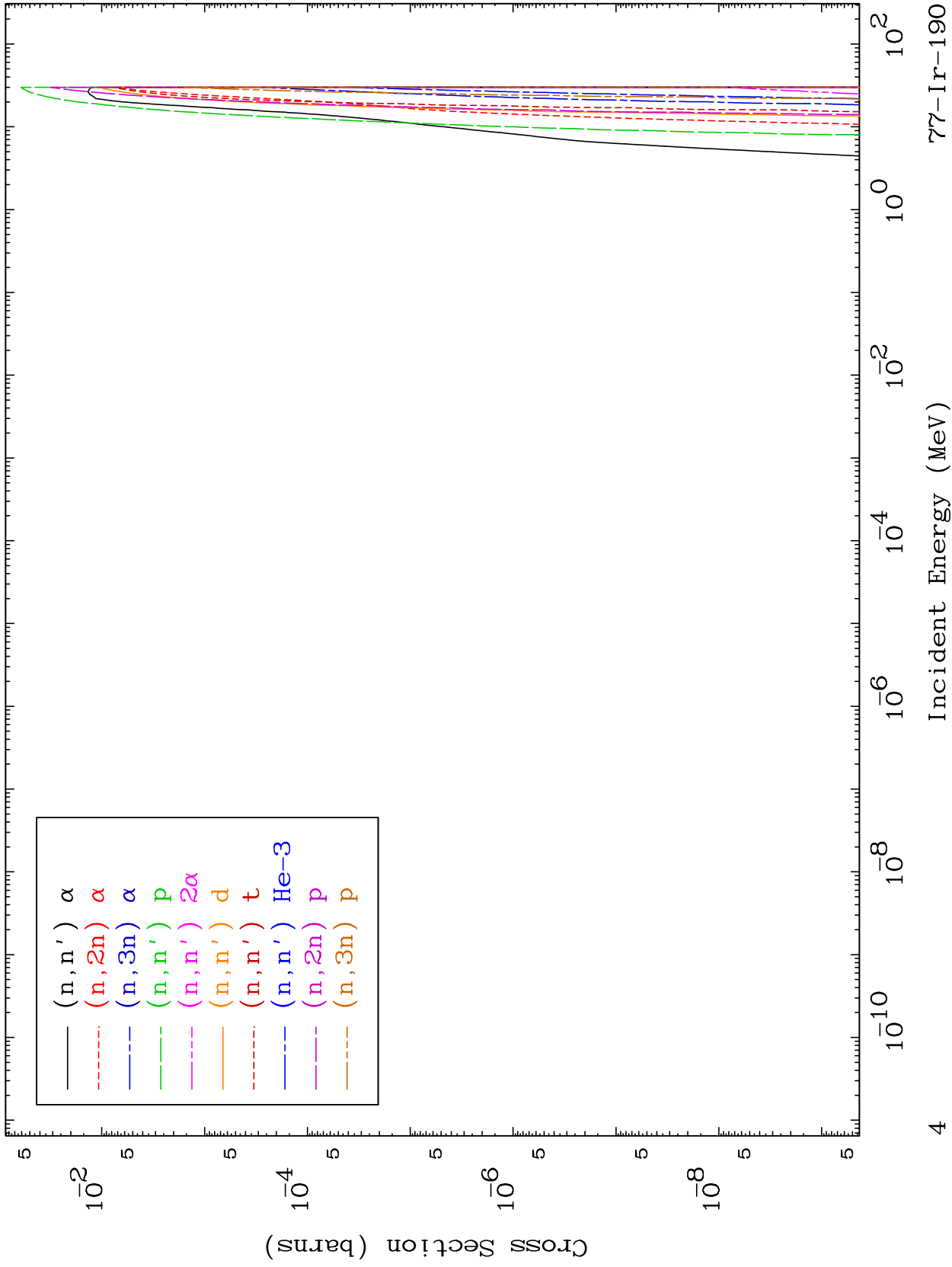




MAT 7722

Charged Particle
293 Kelvin Cross Sections

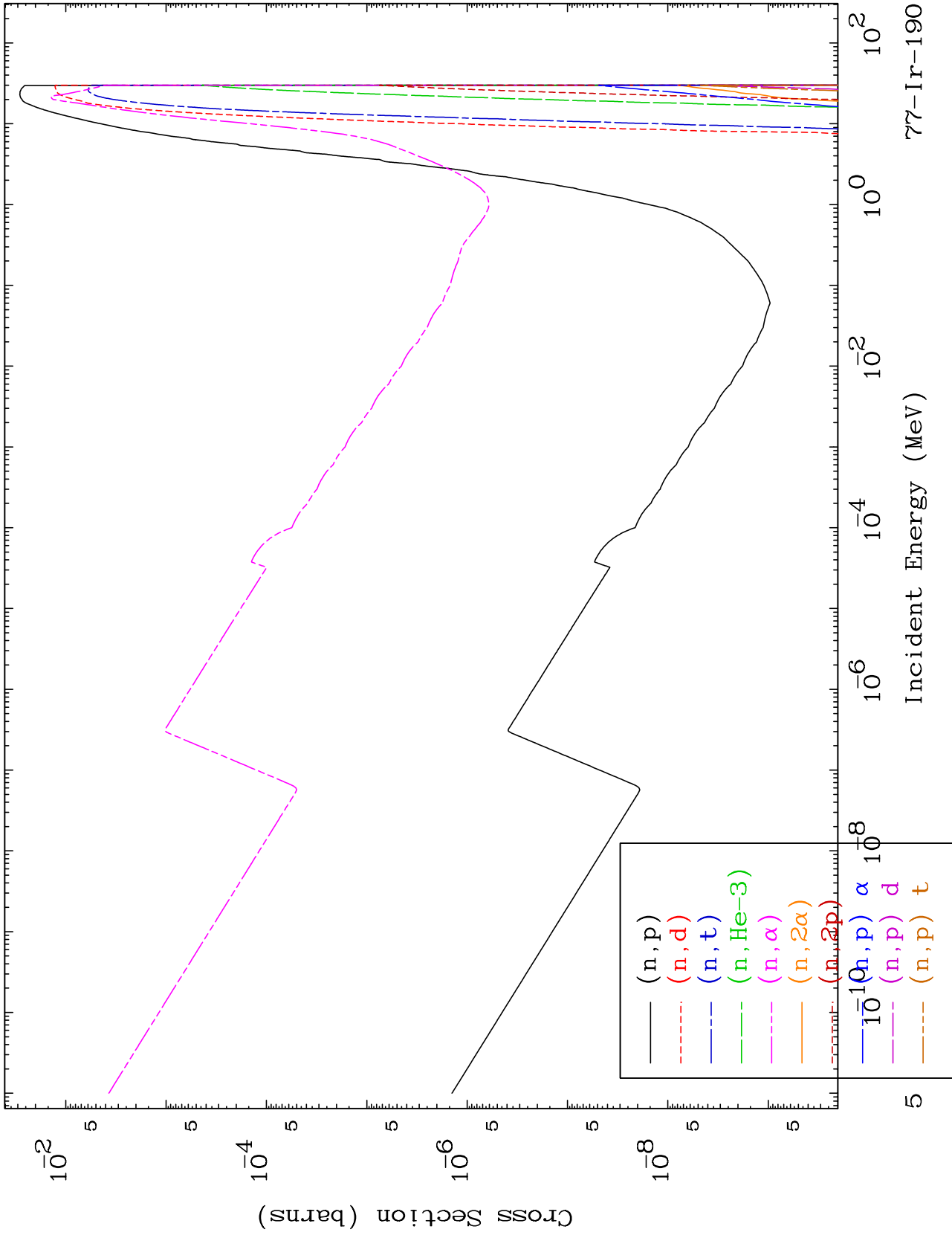
77-Ir-190

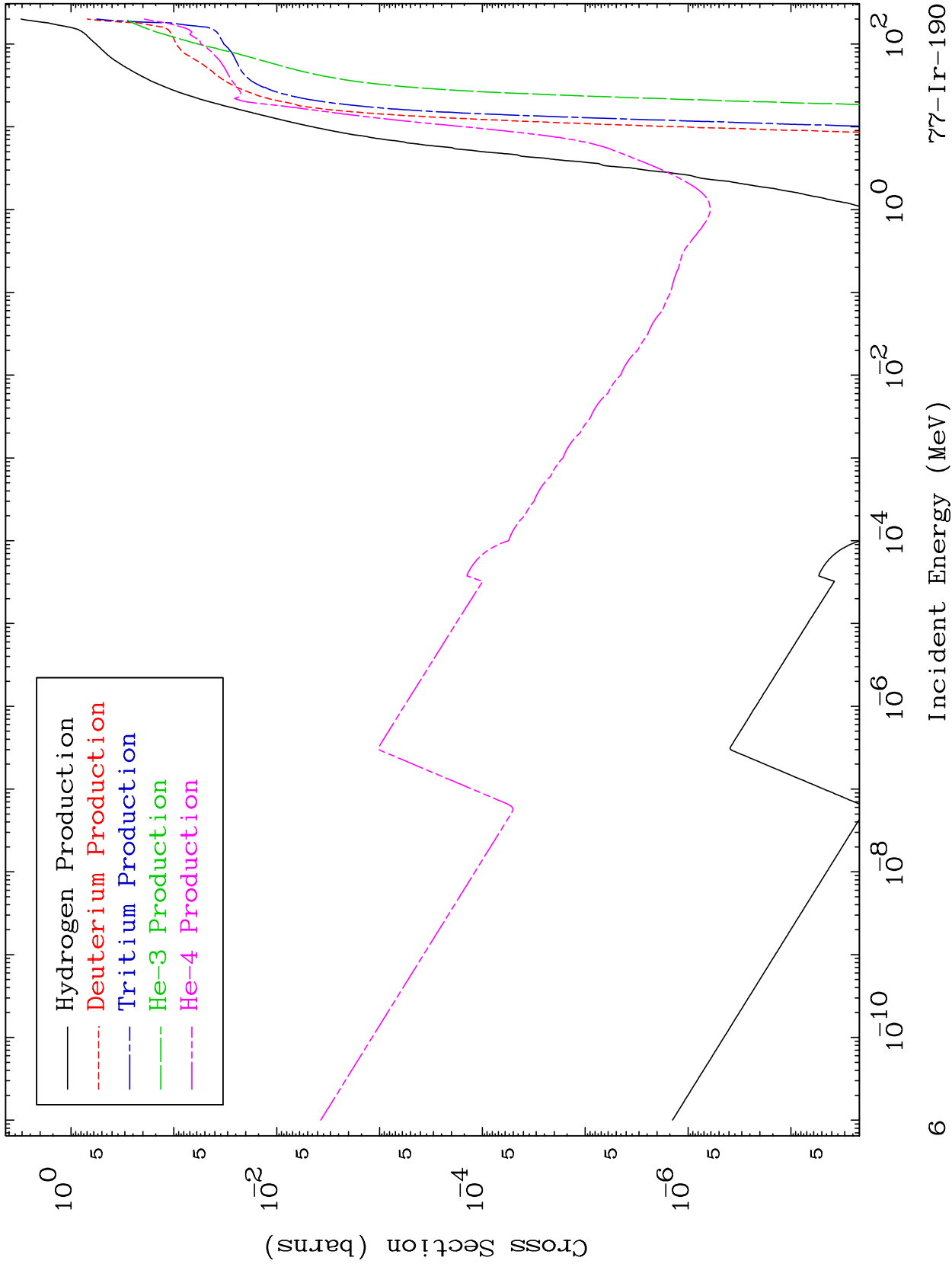


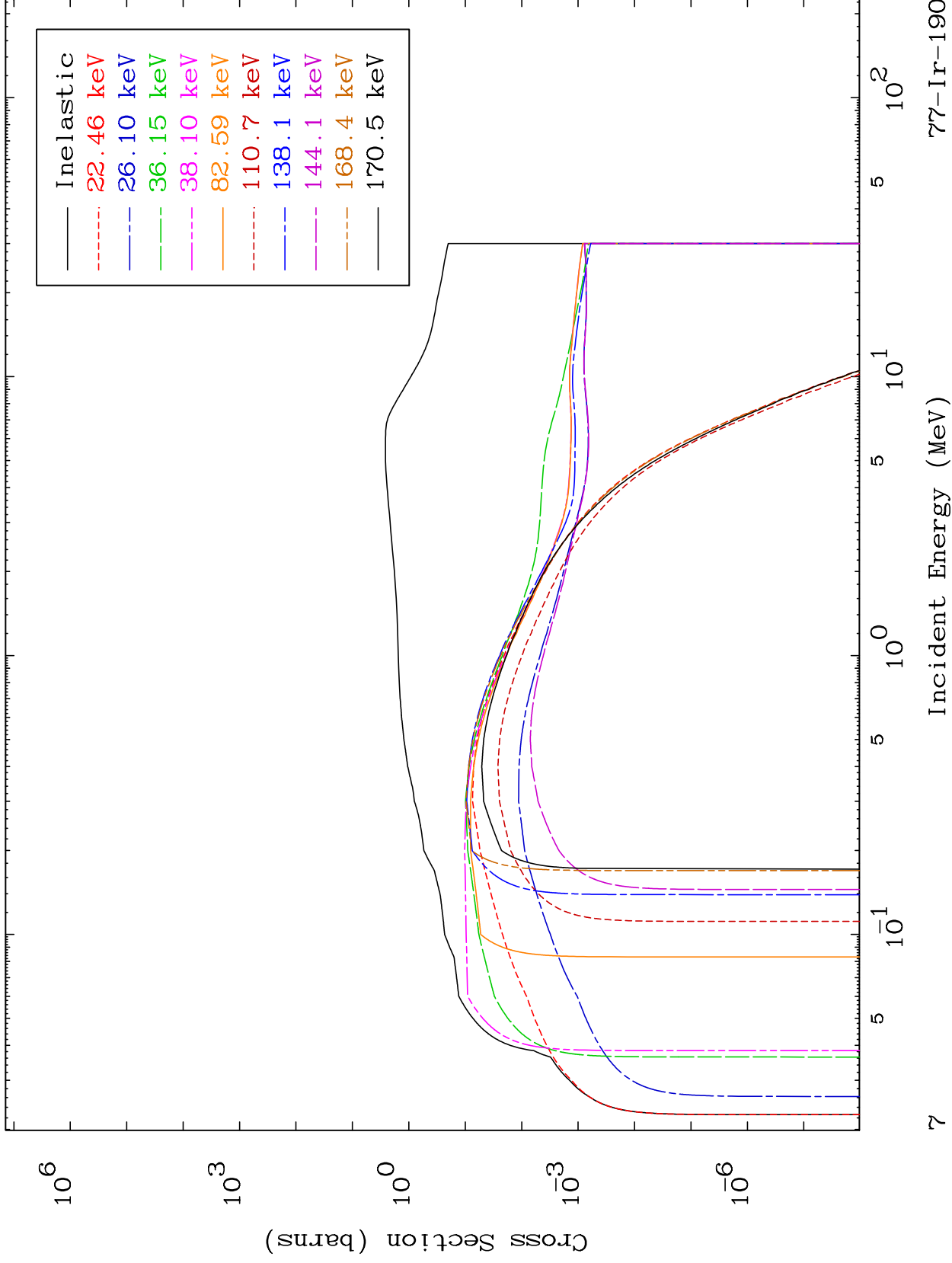
MAT 7722

Charged Particle
293 Kelvin Cross Sections

77-Ir-190





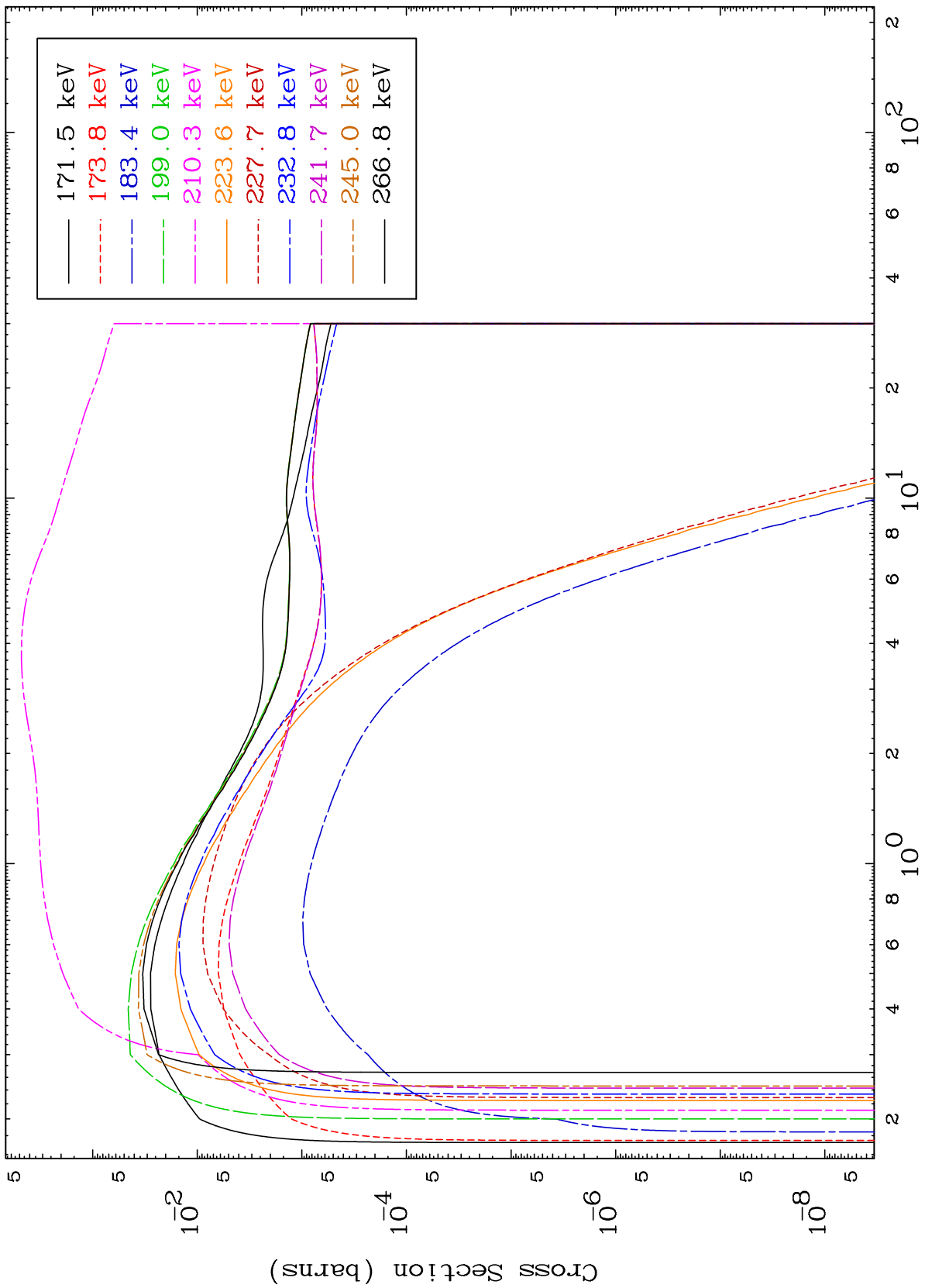


MAT 7722

(n,n') Level

293 Kelvin Cross Sections

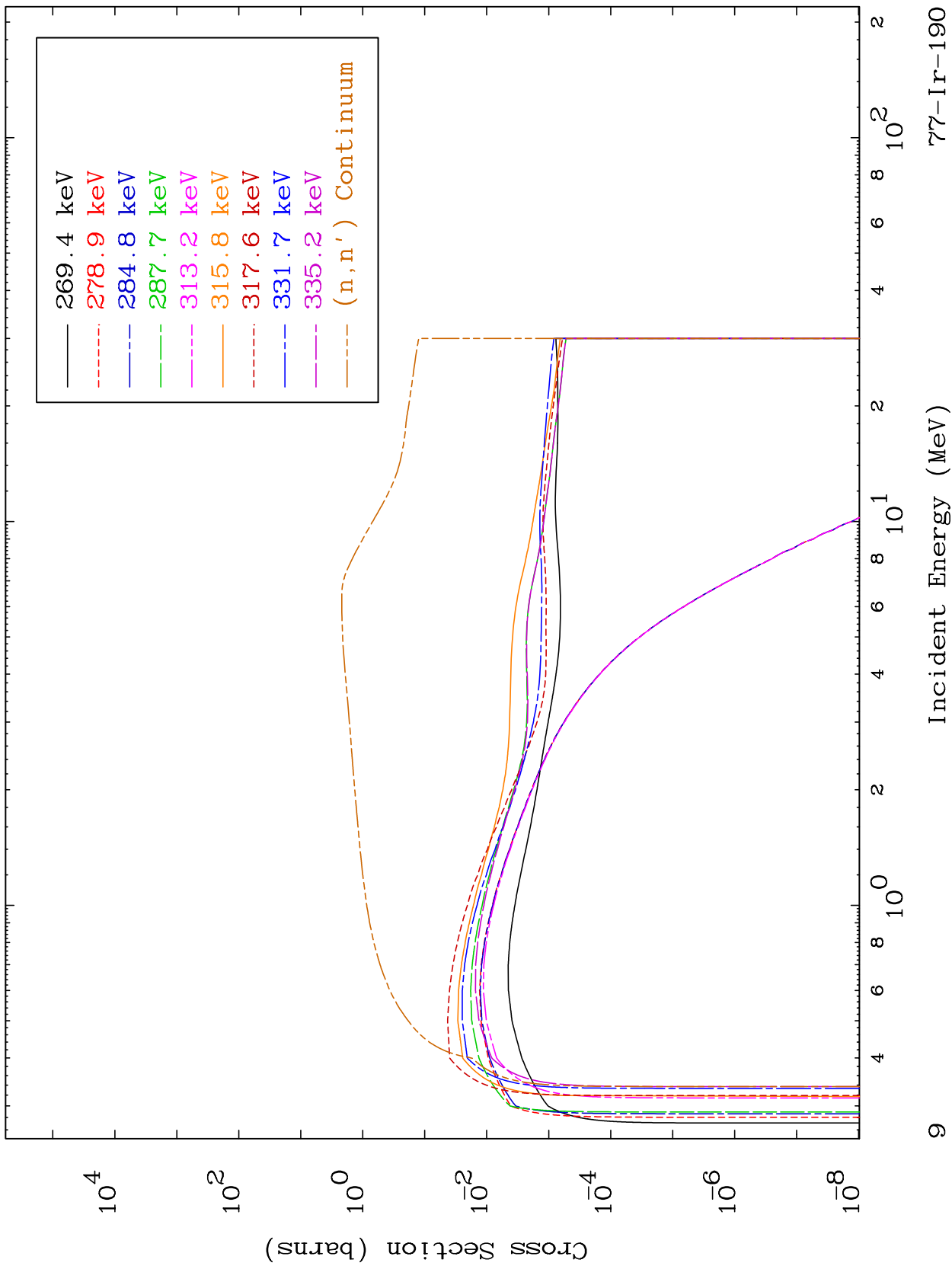
77-Ir-190



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Incident Energy (MeV)

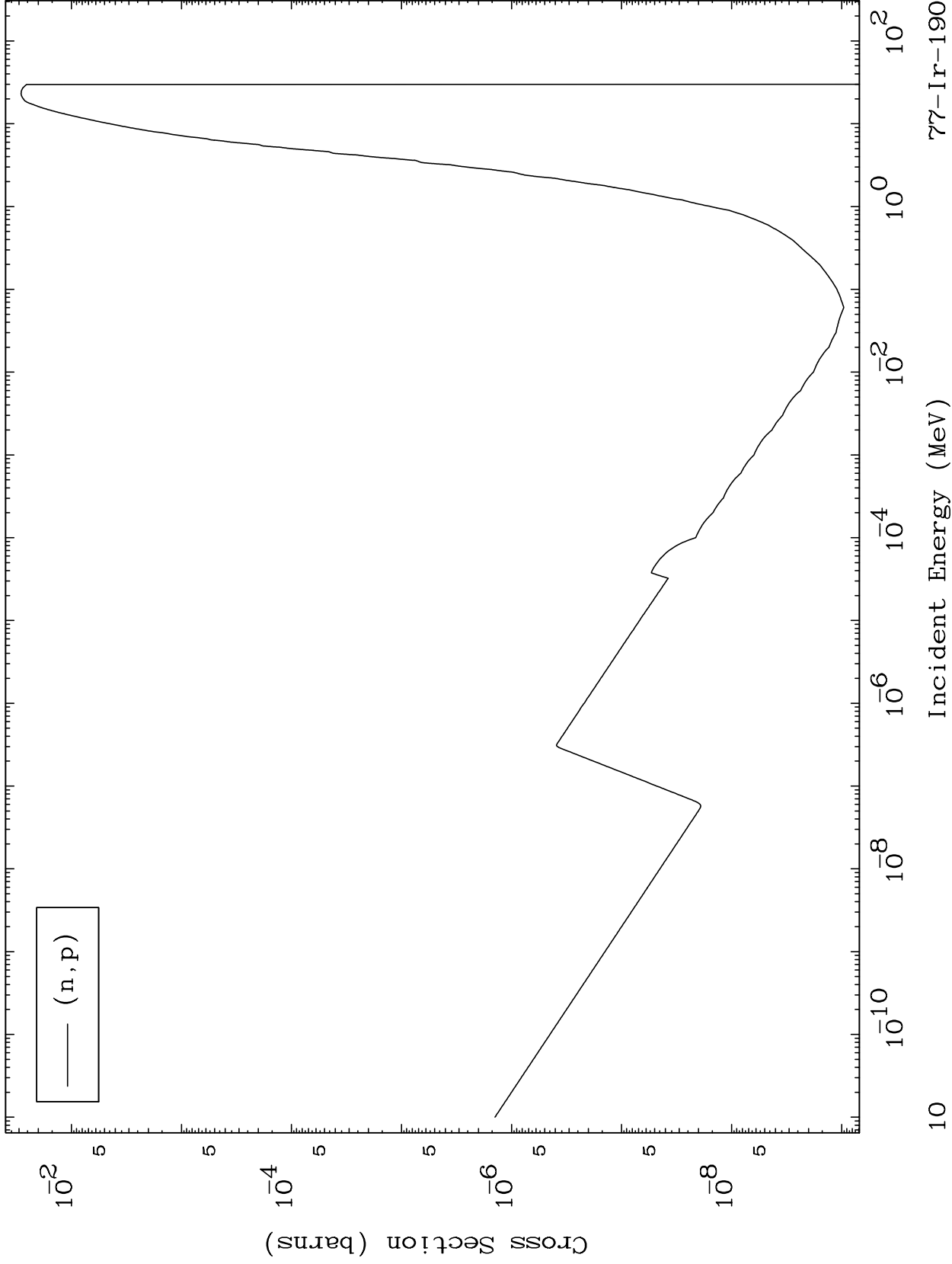
77-Ir-190



MAT 7722

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-190



10

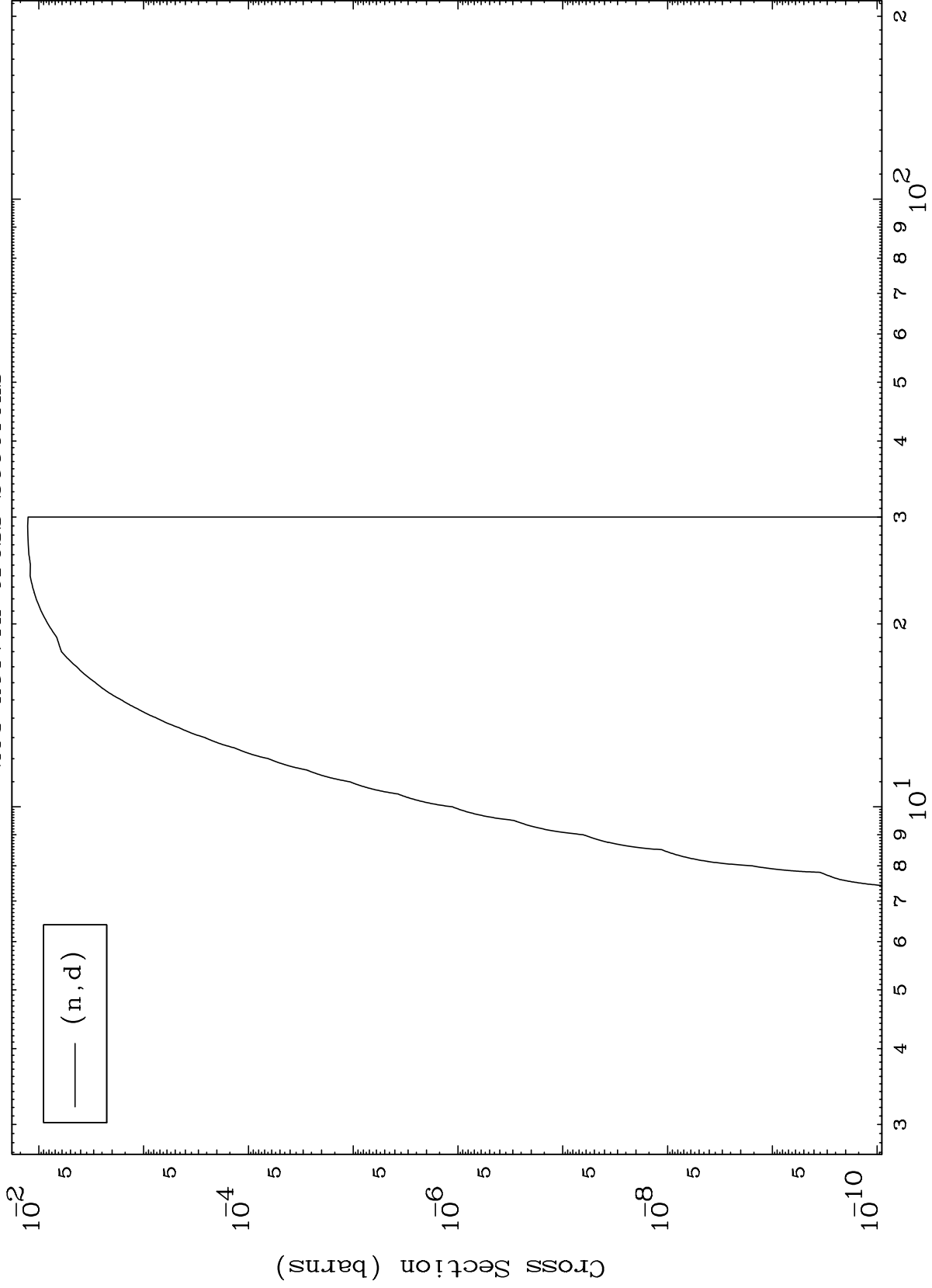
Incident Energy (MeV)

77-Ir-190

MAT 7722

(n,d) Levels
293 Kelvin Cross Sections

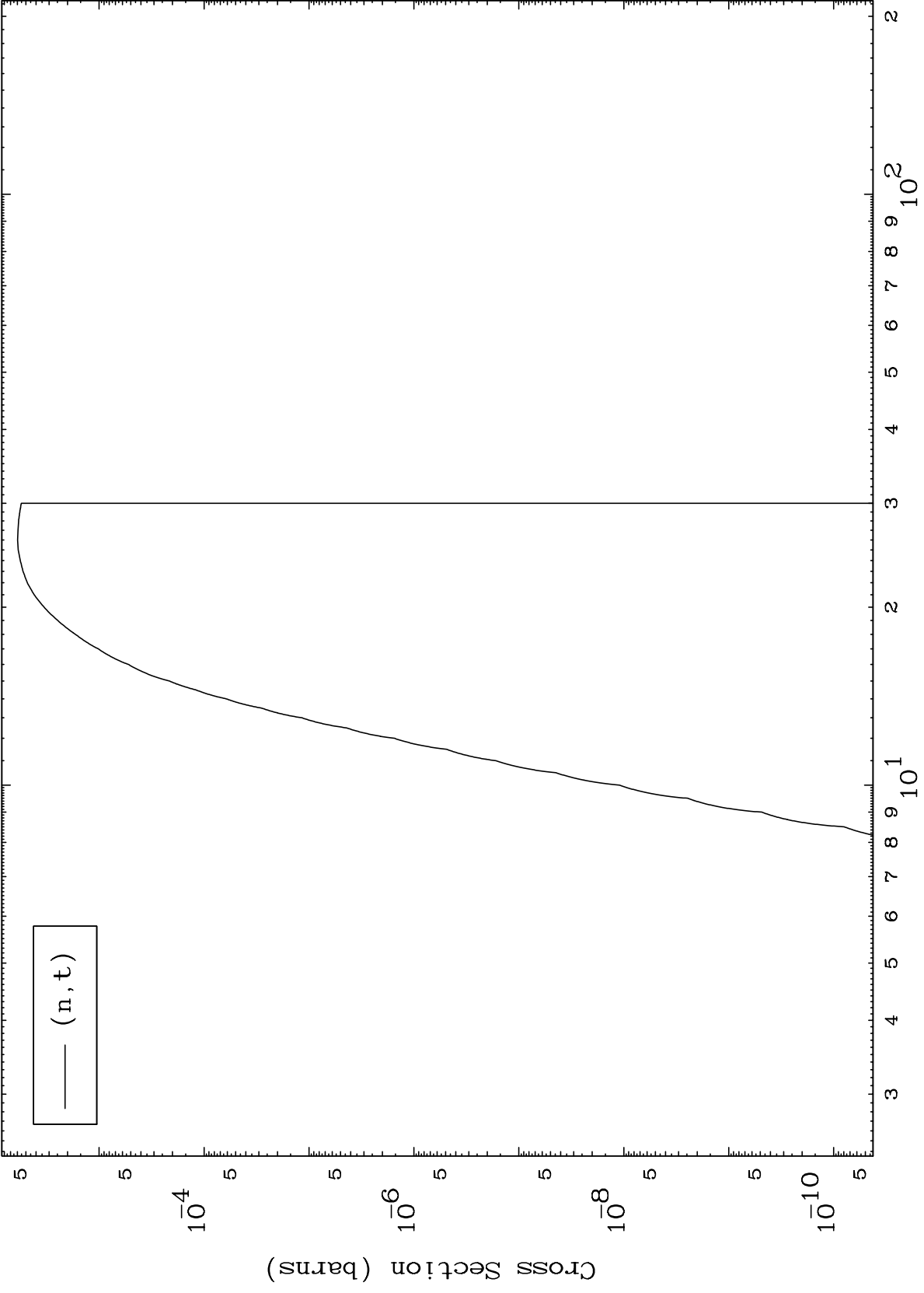
77-Ir-190



MAT 7722

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-190



12

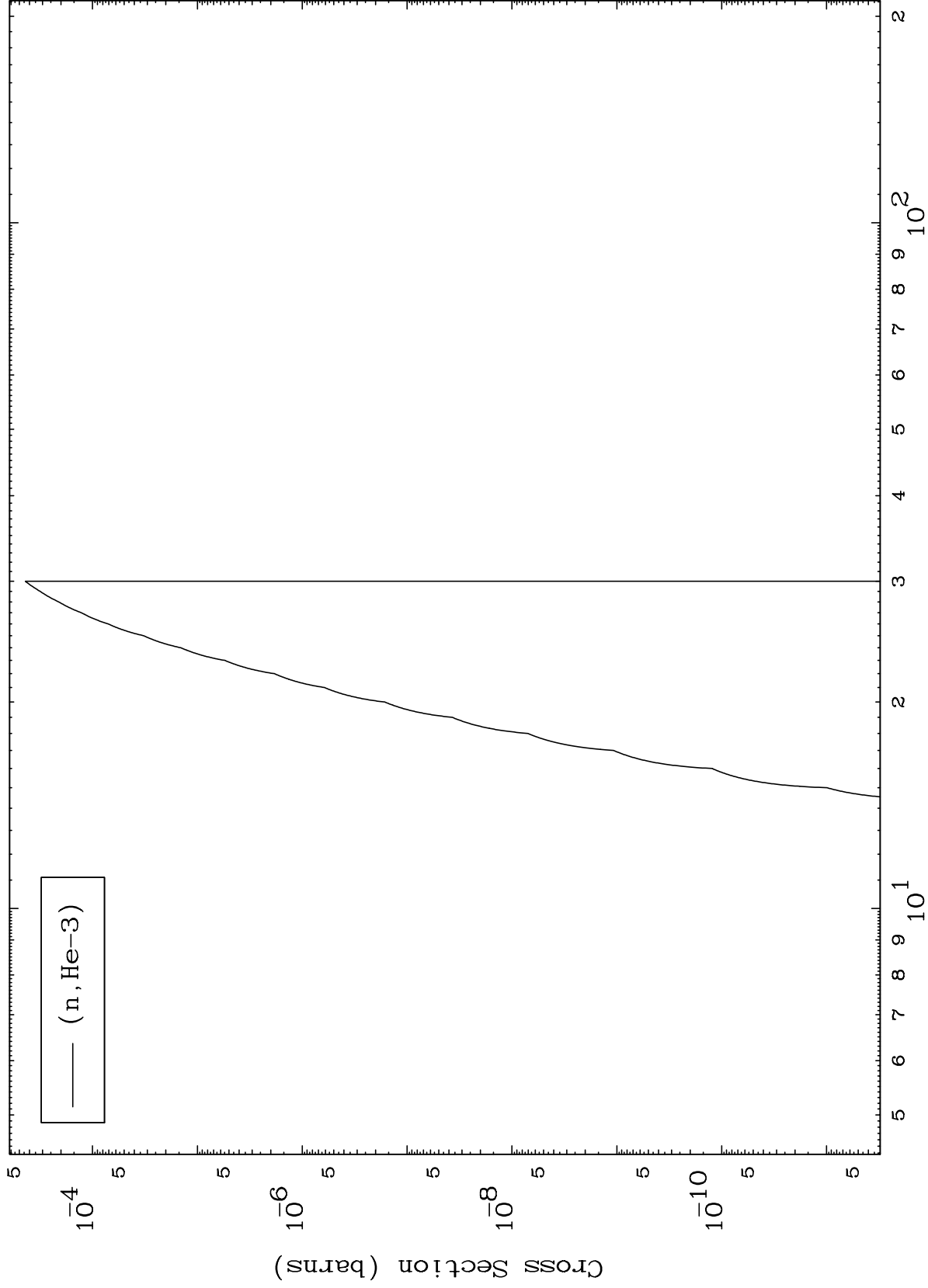
Incident Energy (MeV)

77-Ir-190

MAT 7722

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-190



13

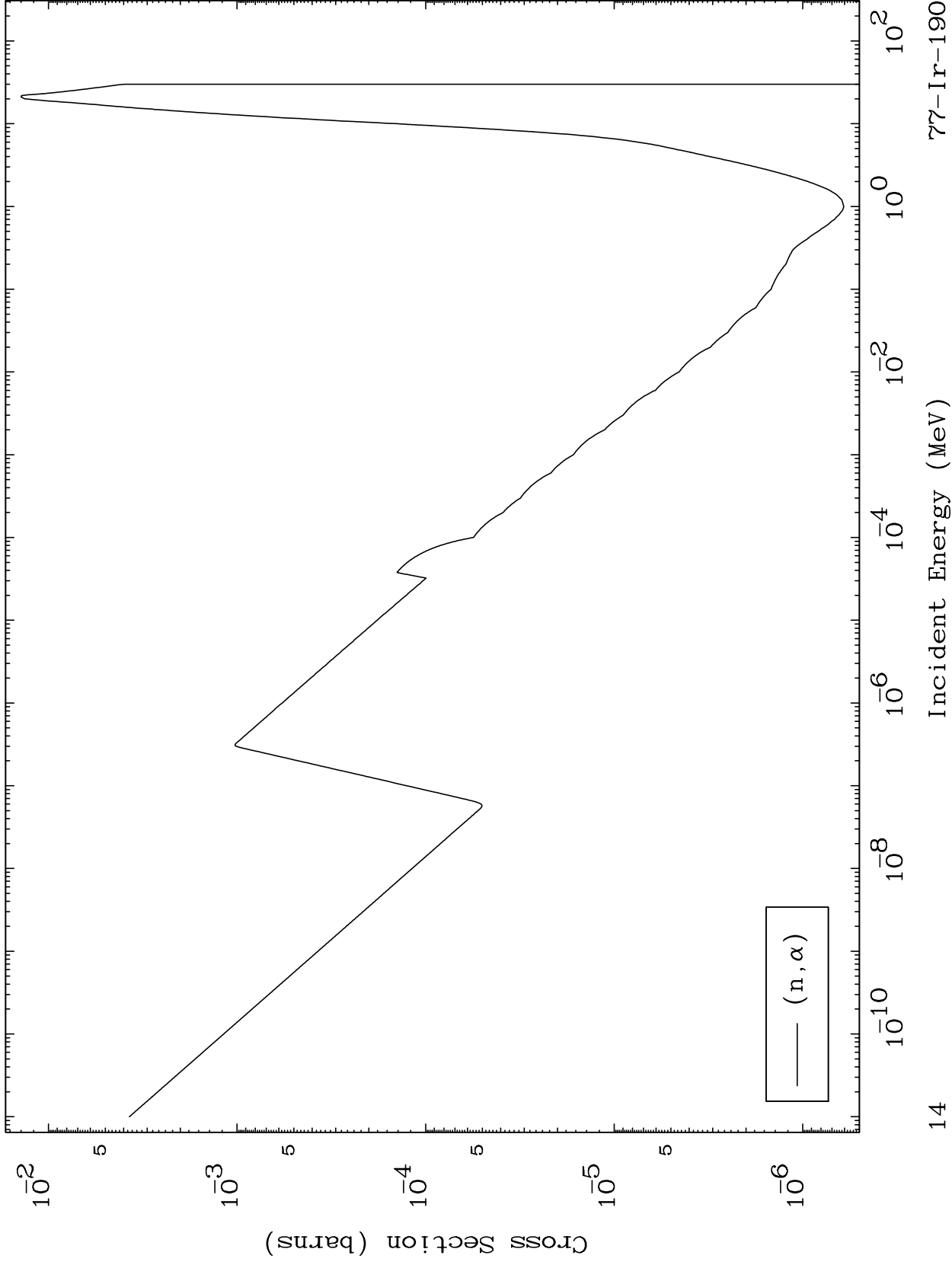
Incident Energy (MeV)

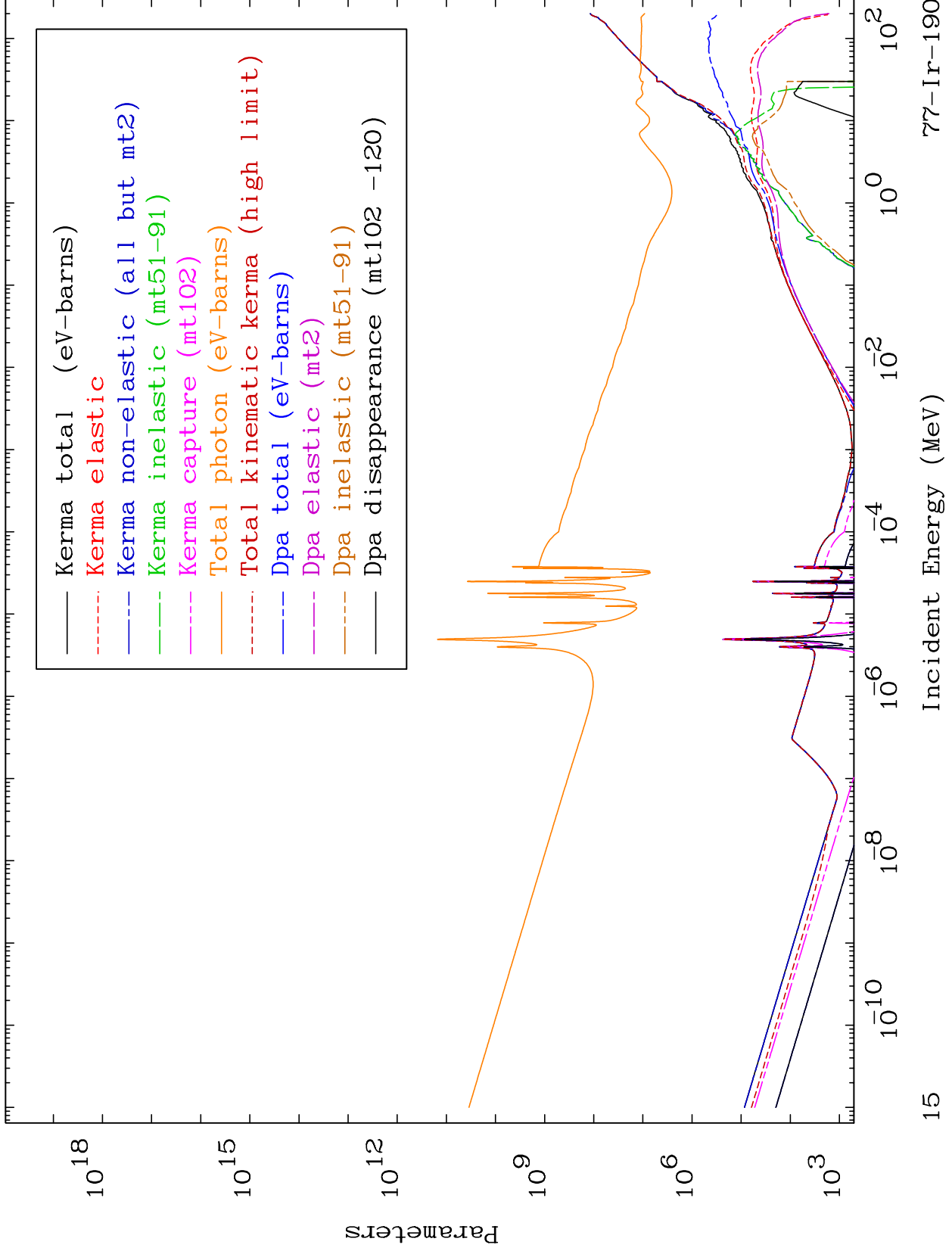
77-Ir-190

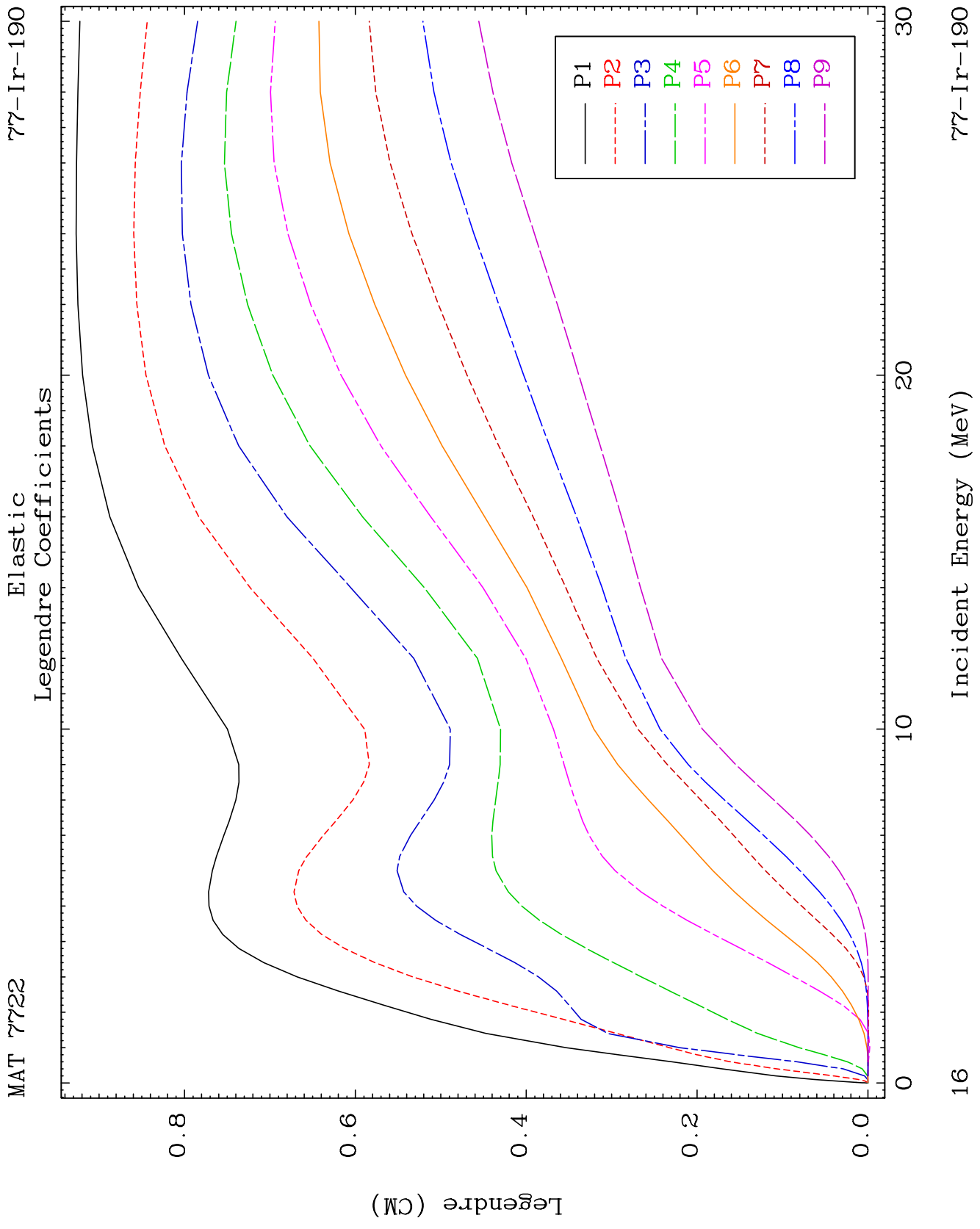
MAT 7722

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-190







77-Ir-190

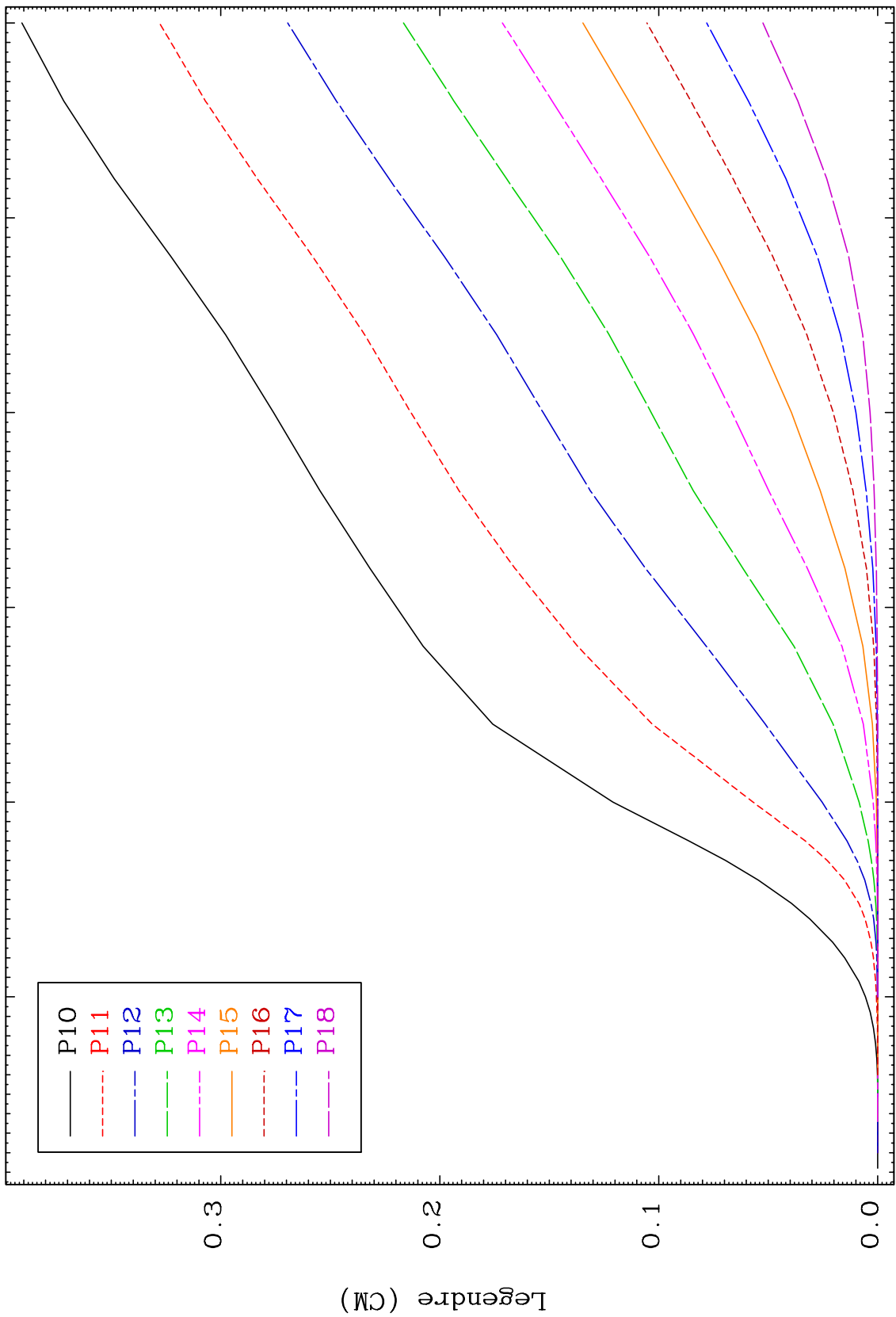
Incident Energy (MeV)

16

MAT 7722

Elastic Legendre Coefficients

⁷⁷Ir-190



17

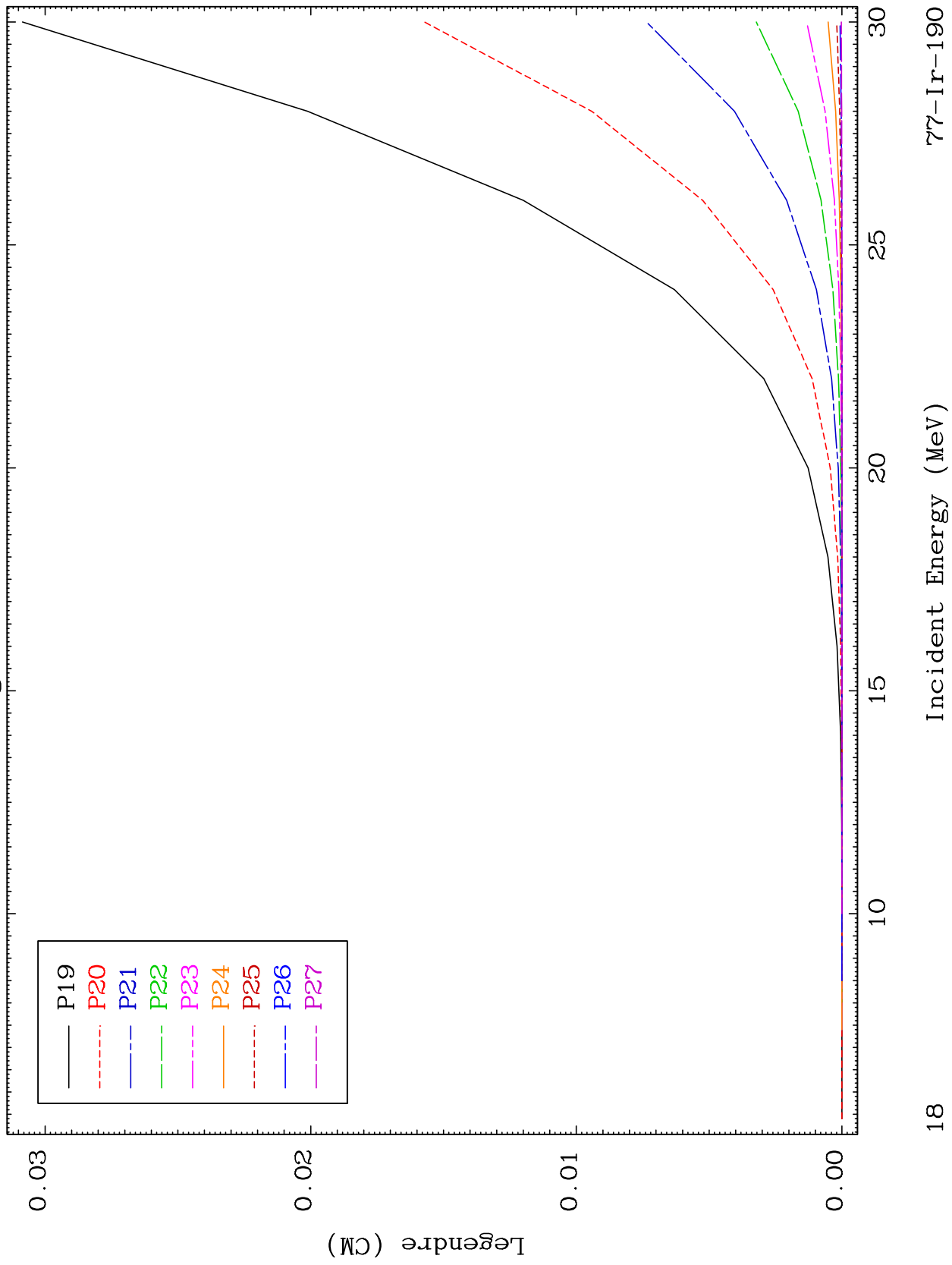
Incident Energy (MeV)

⁷⁷Ir-190

MAT 7722

Elastic Legendre Coefficients

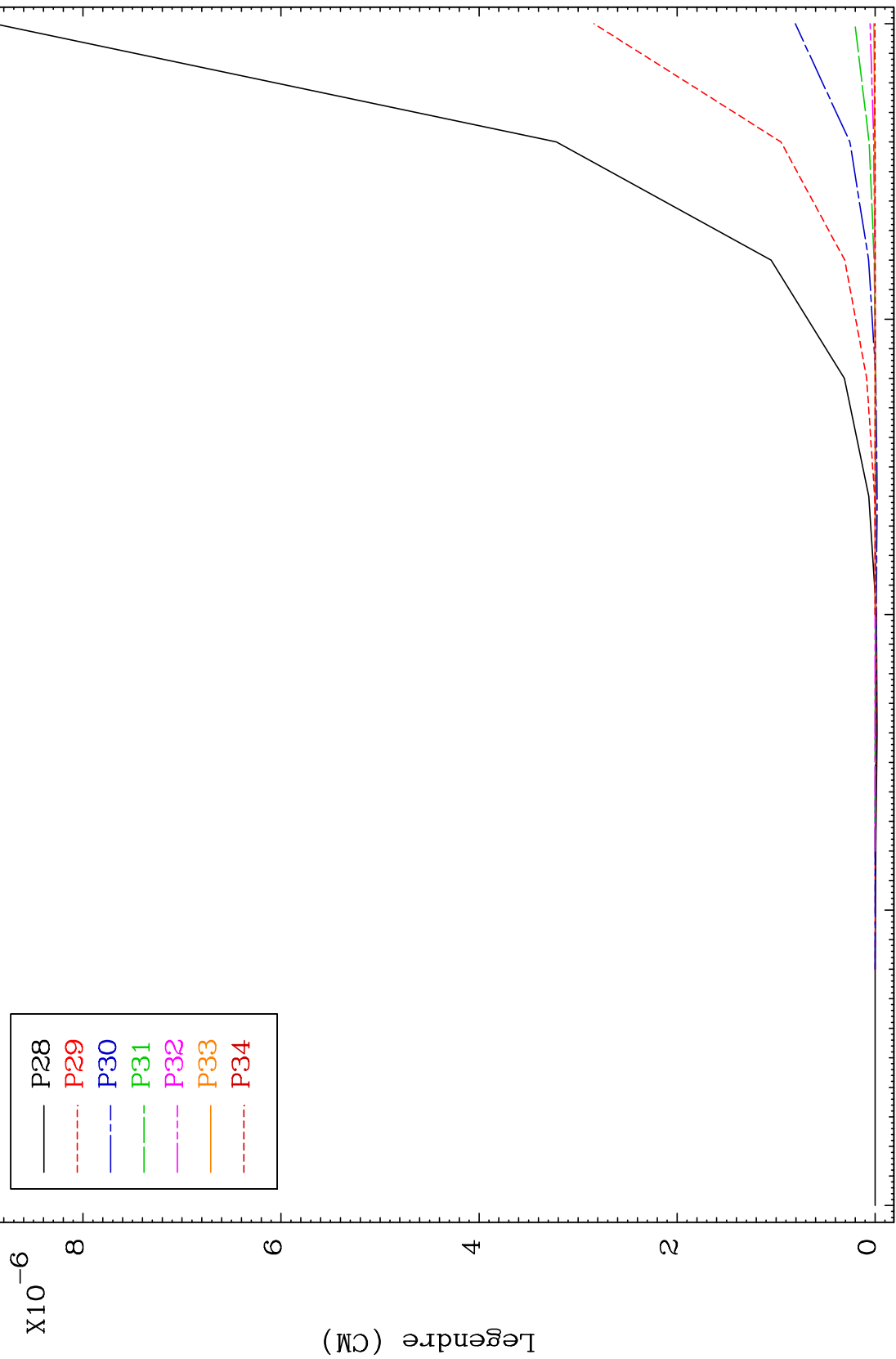
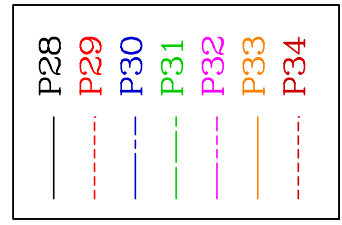
77-Ir-190



MAT 7722

Elastic
Legendre Coefficients

77-Ir-190



77-Ir-190

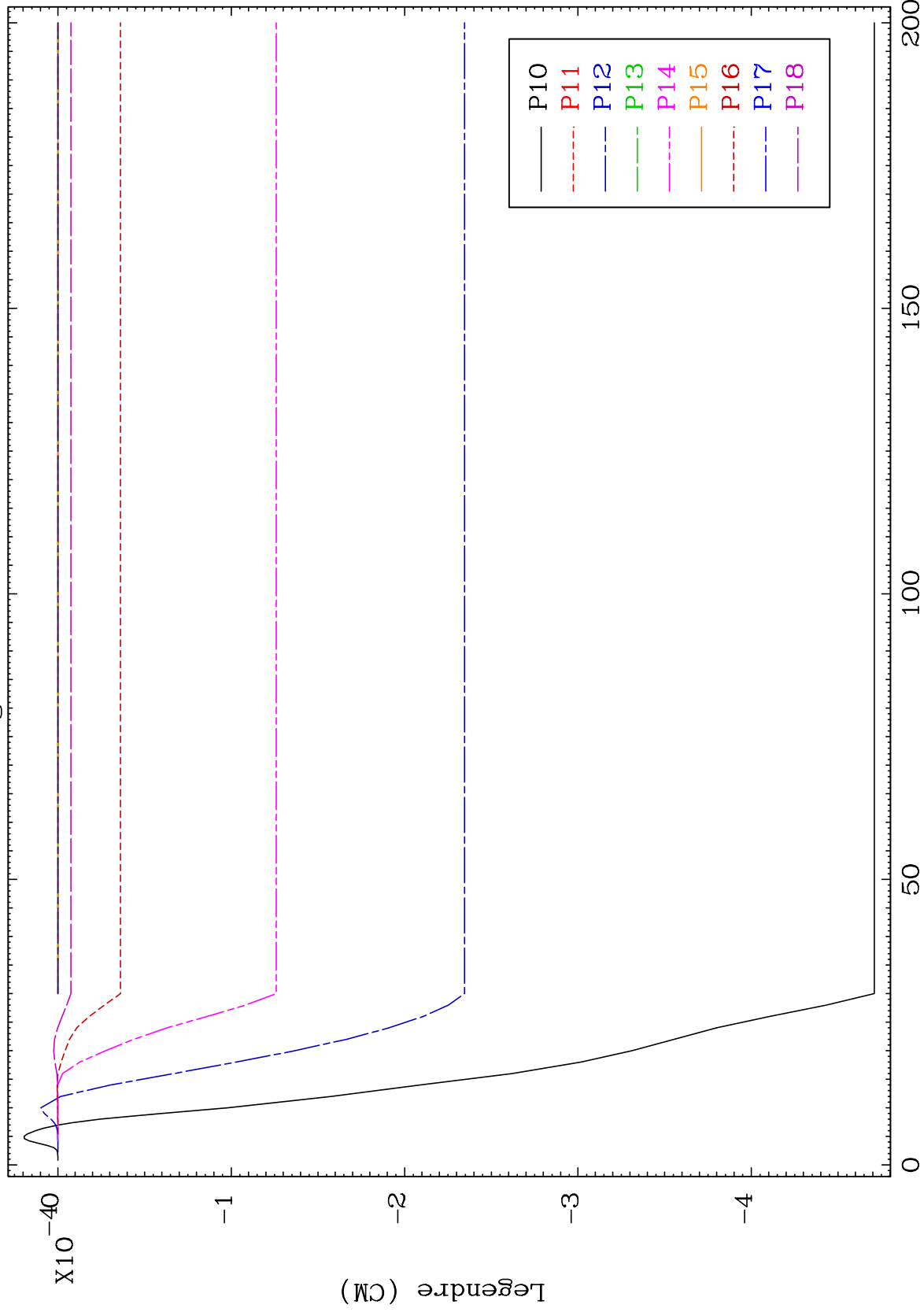
Incident Energy (MeV)

19

MAT 7722

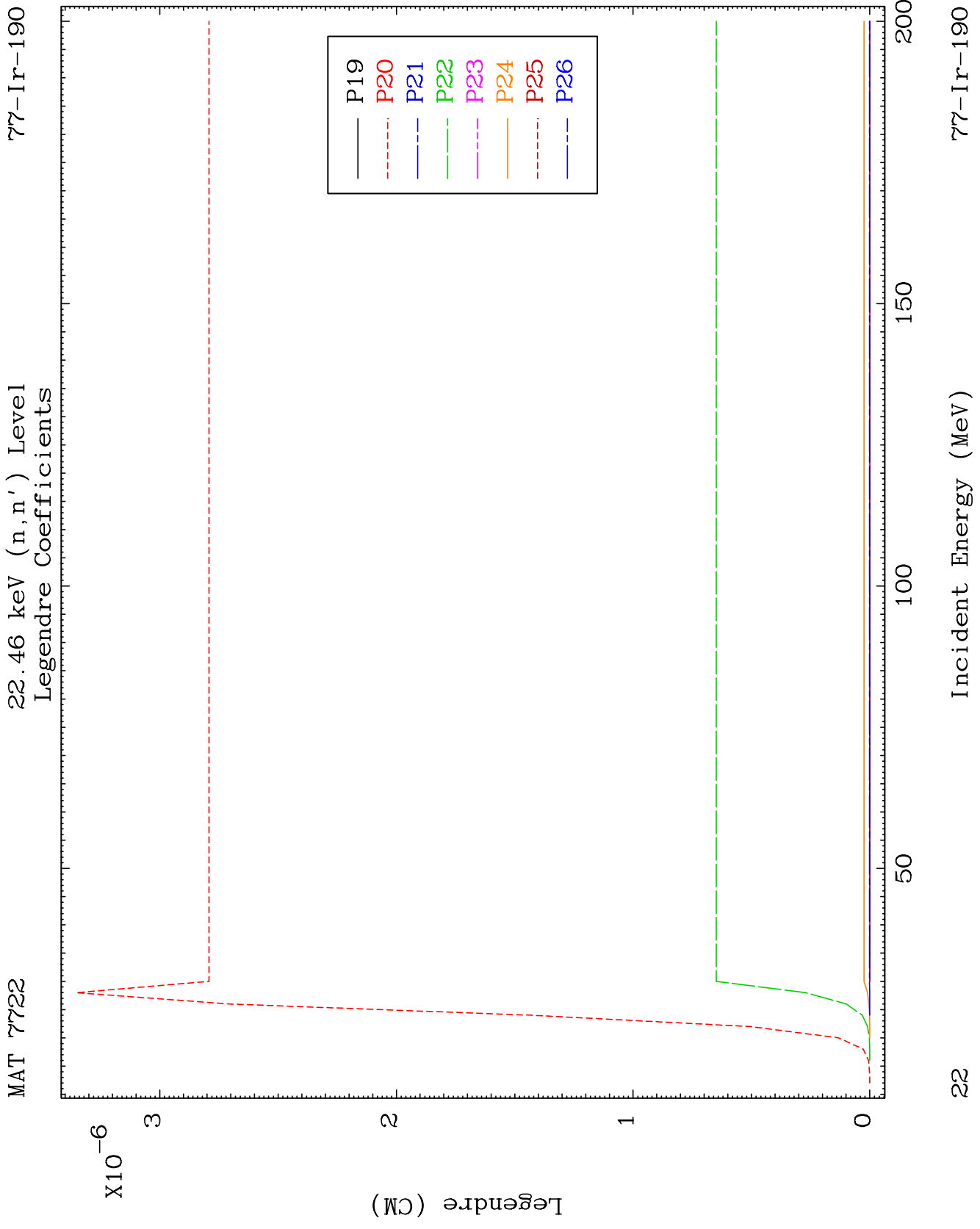
22.46 keV (n,n') Level
Legendre Coefficients

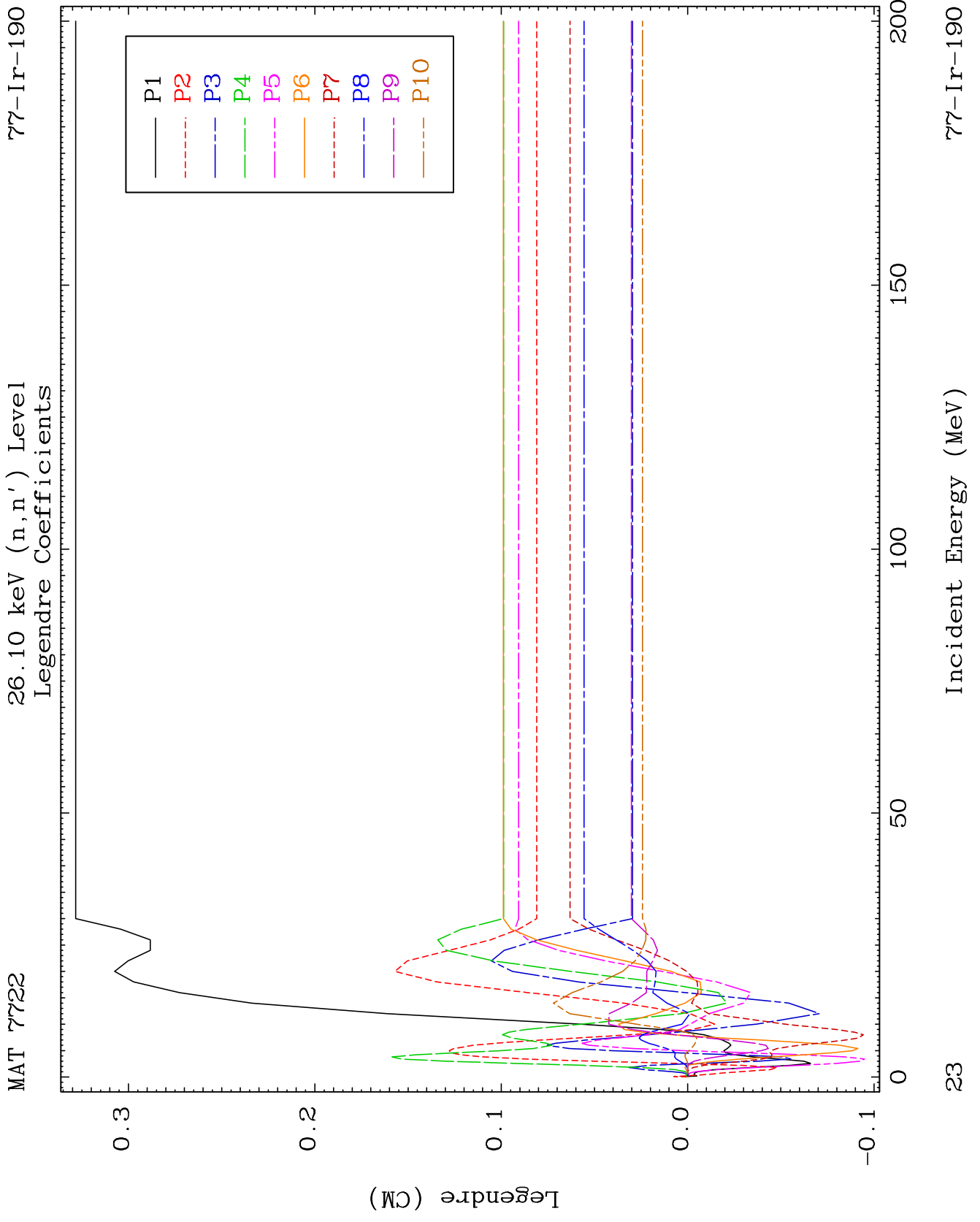
77-Ir-190

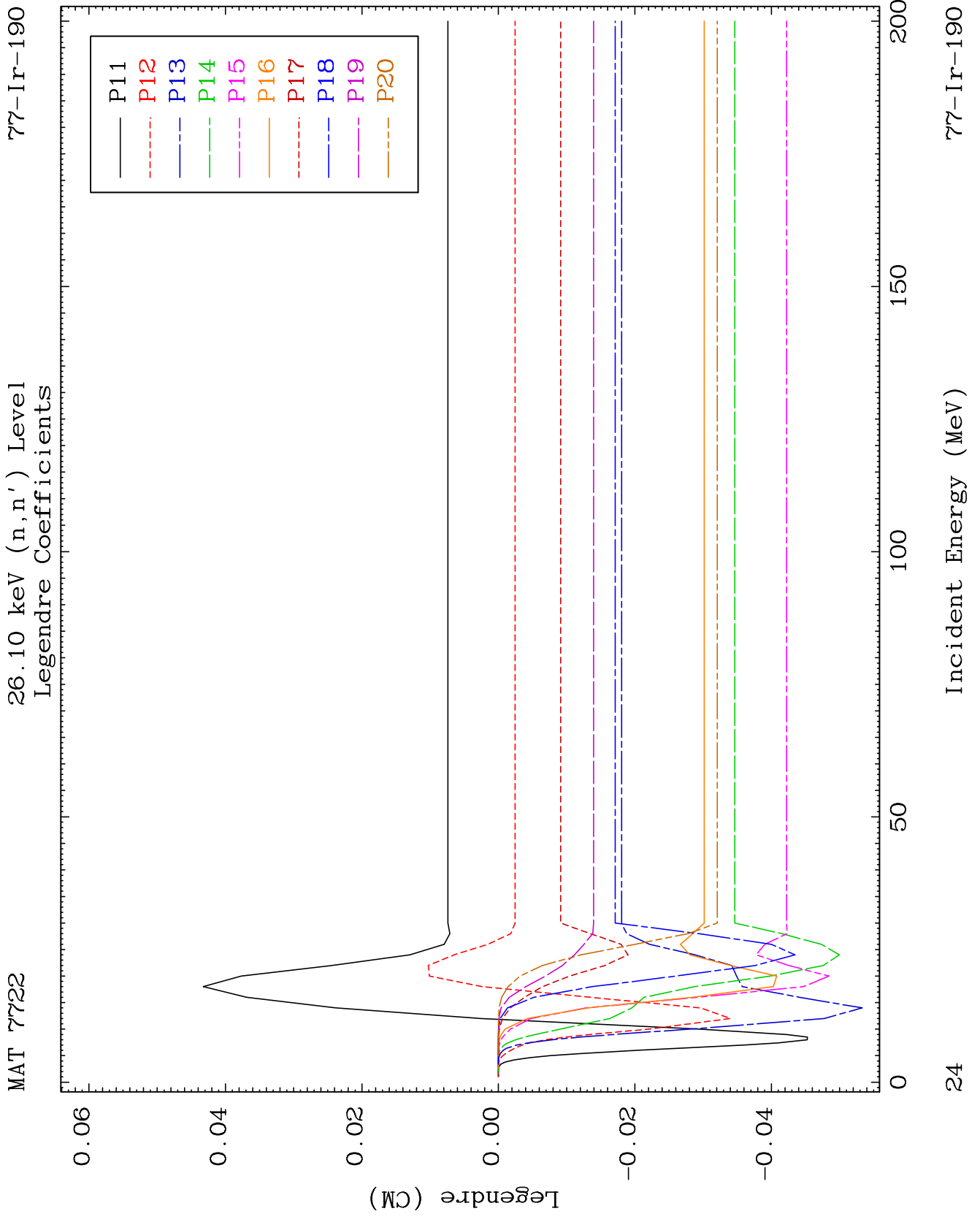


21

77-Ir-190



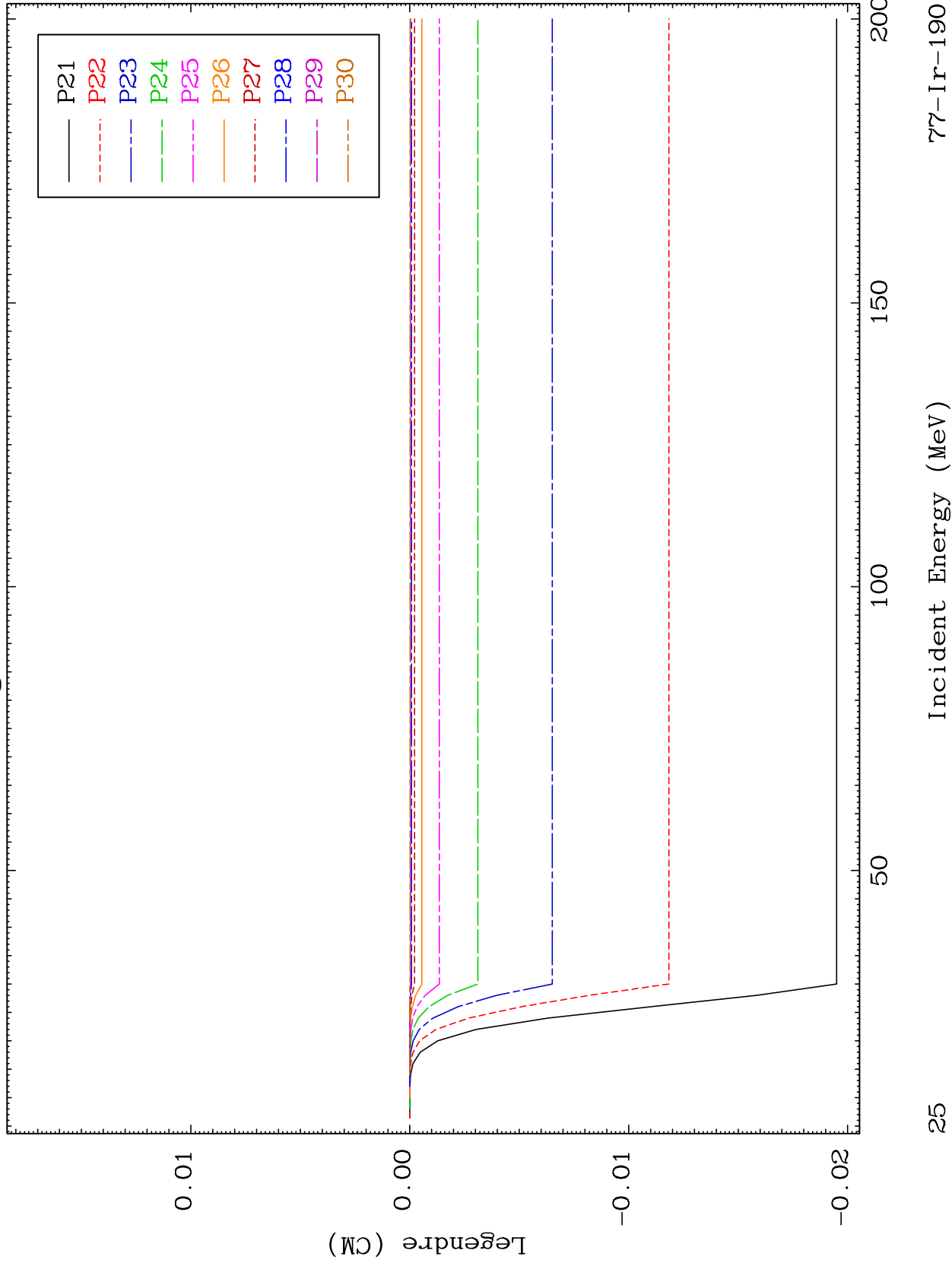




MAT 7722

26.10 keV (n,n') Level
Legendre Coefficients

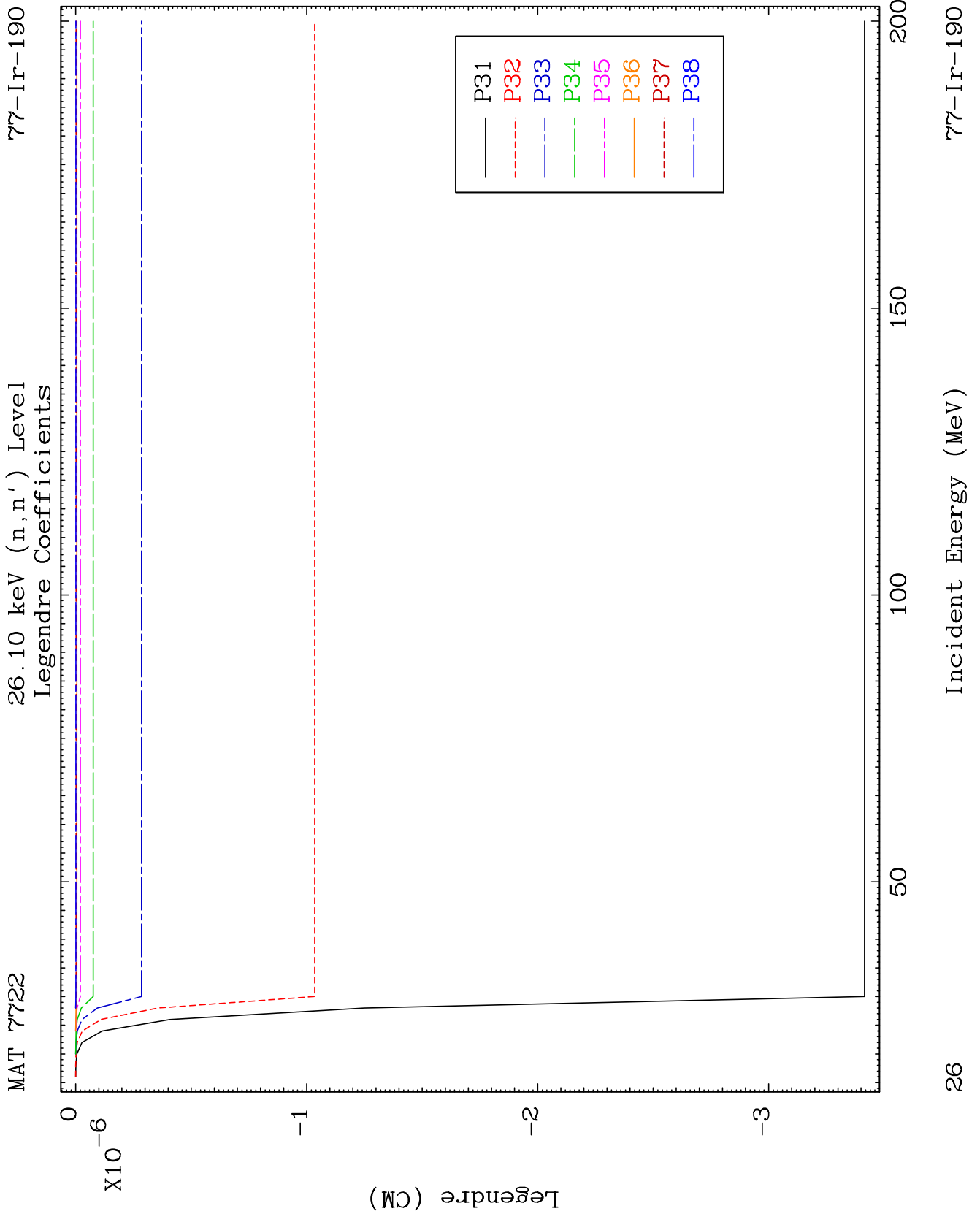
77-Ir-190

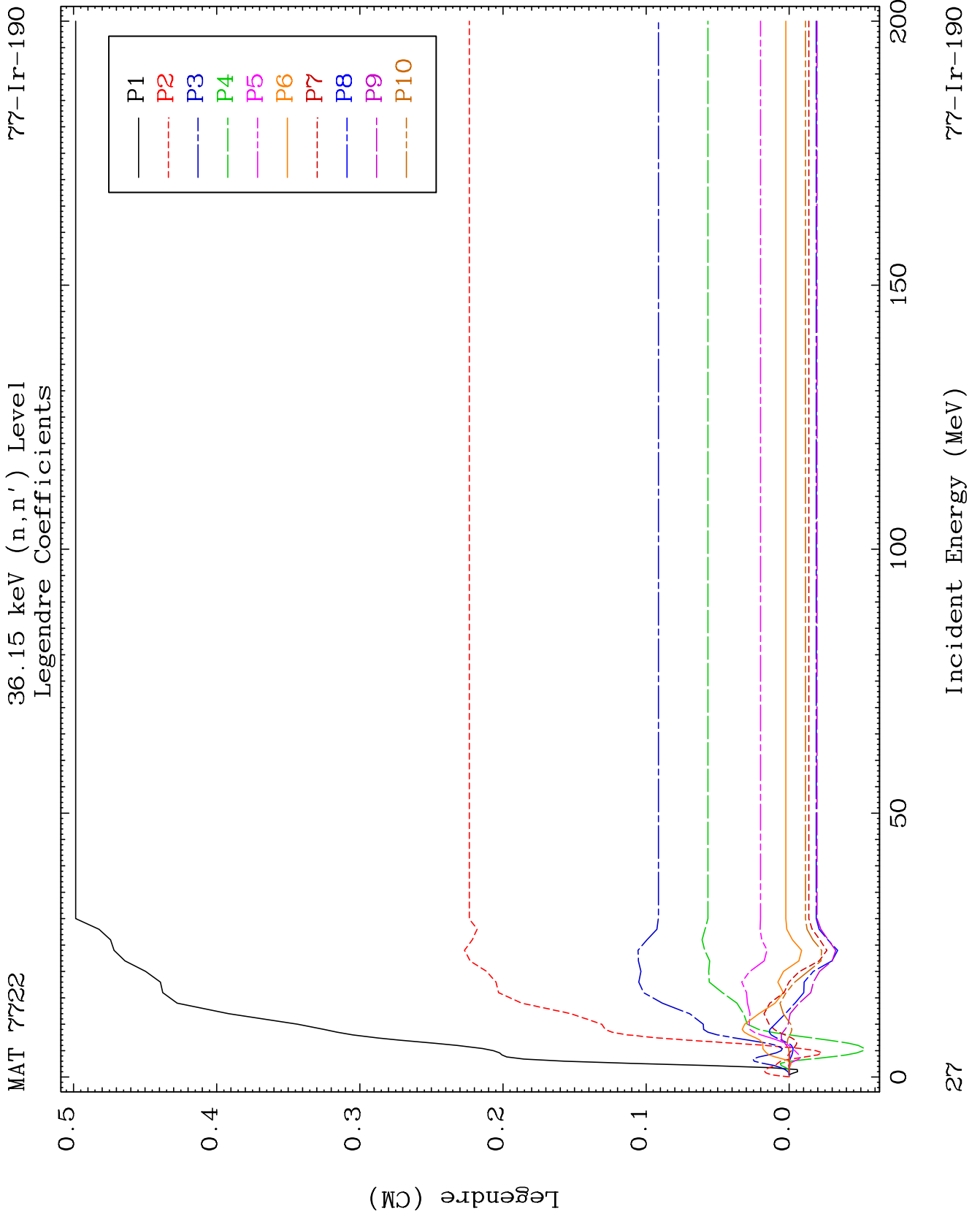


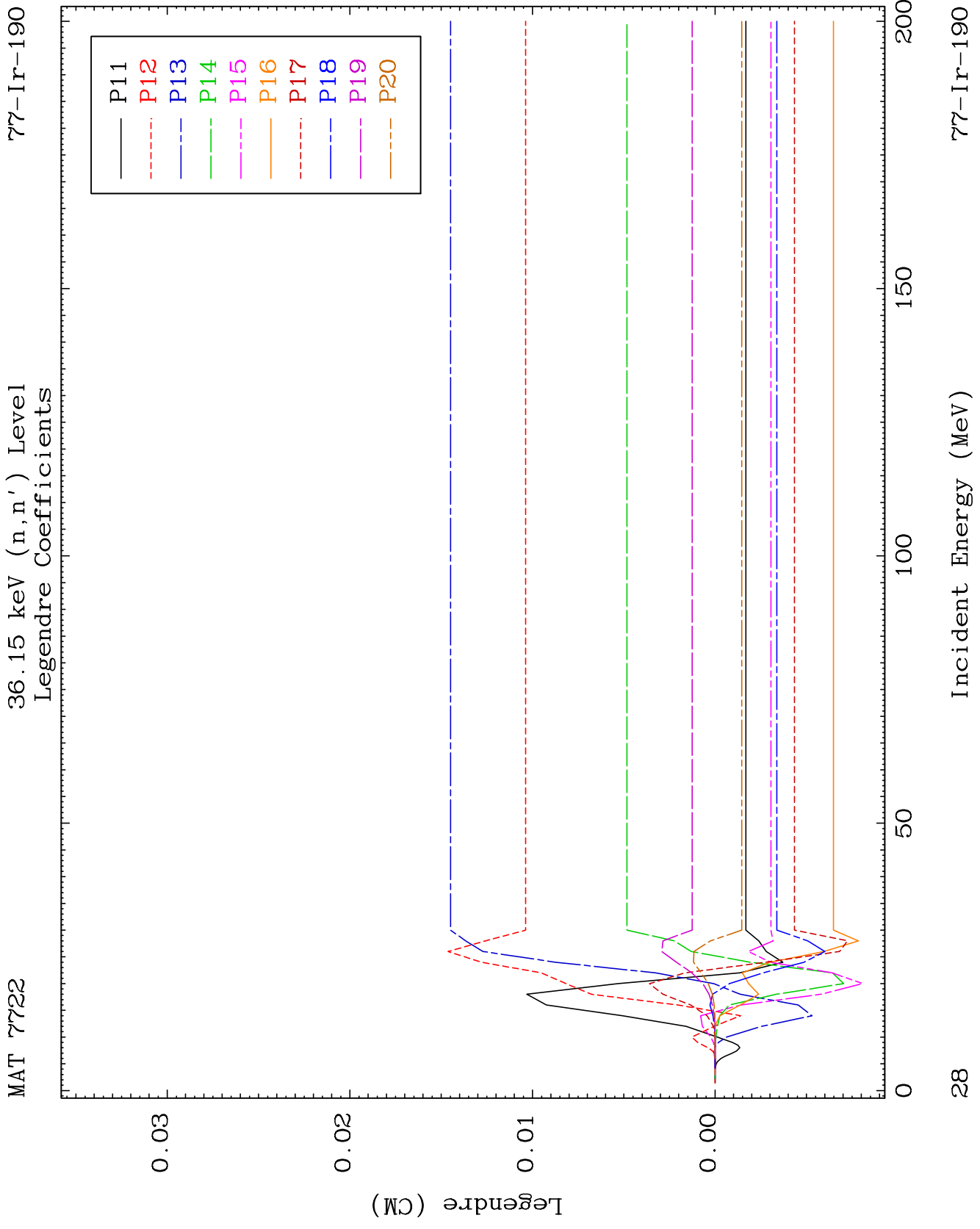
77-Ir-190

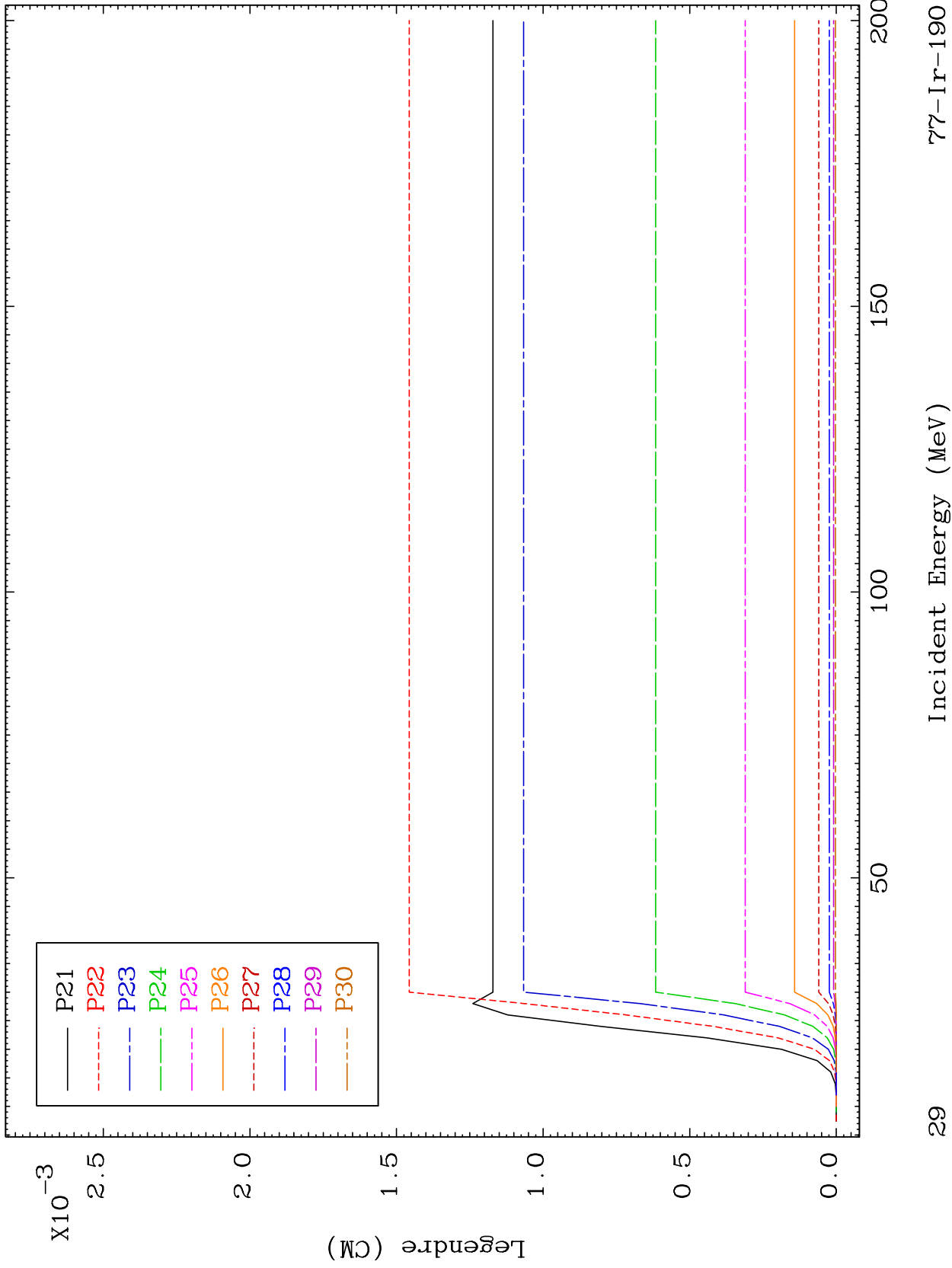
Incident Energy (MeV)

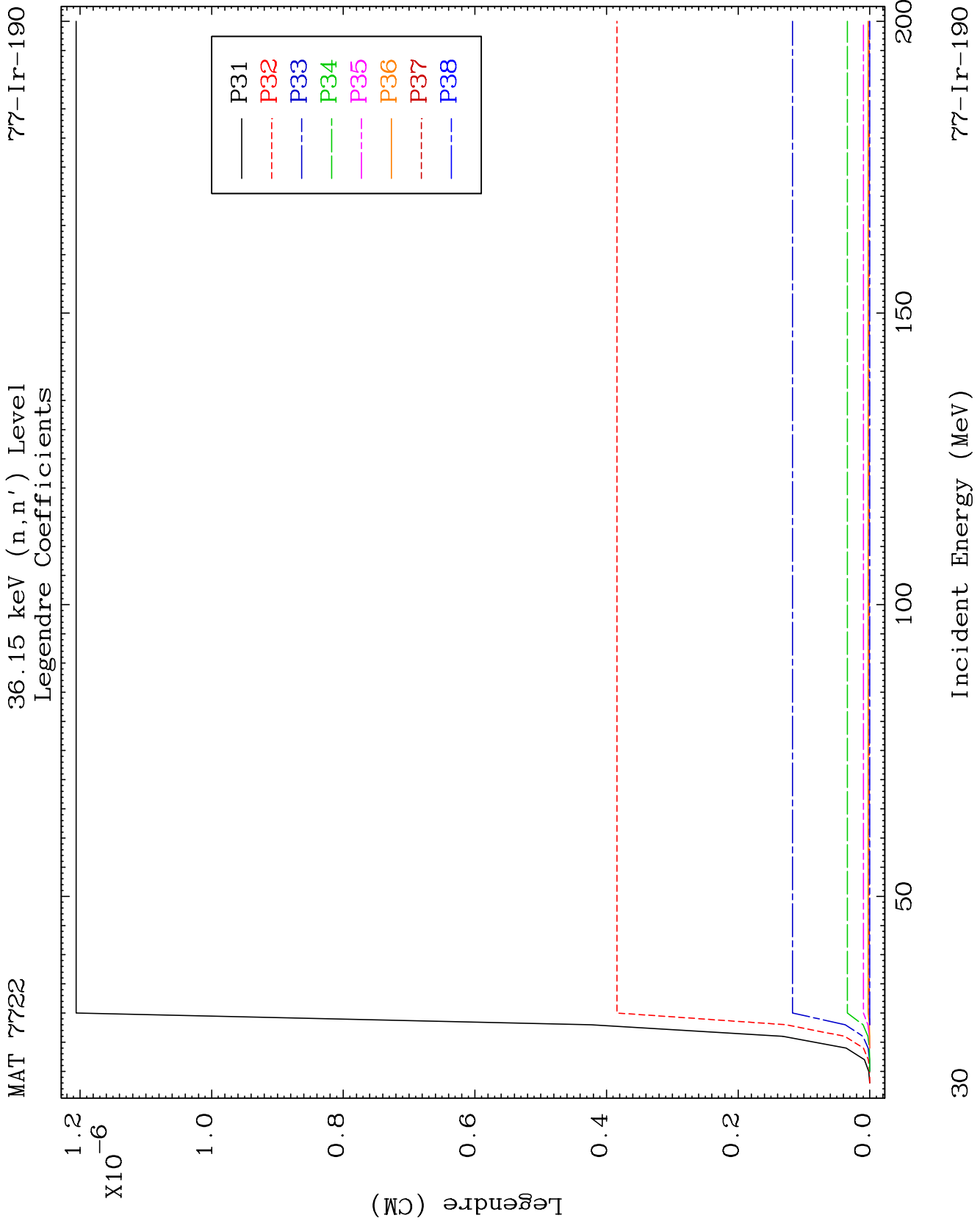
25

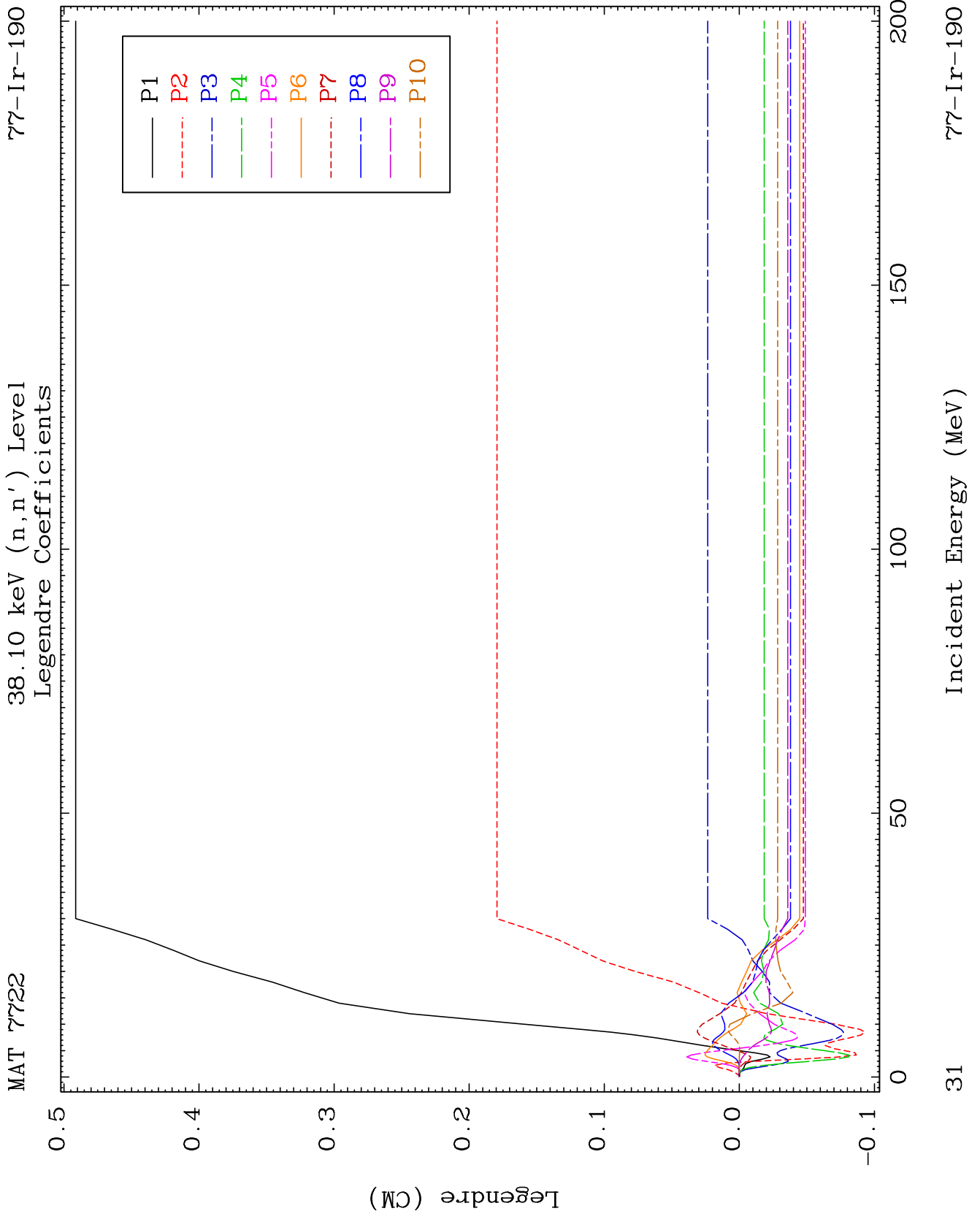








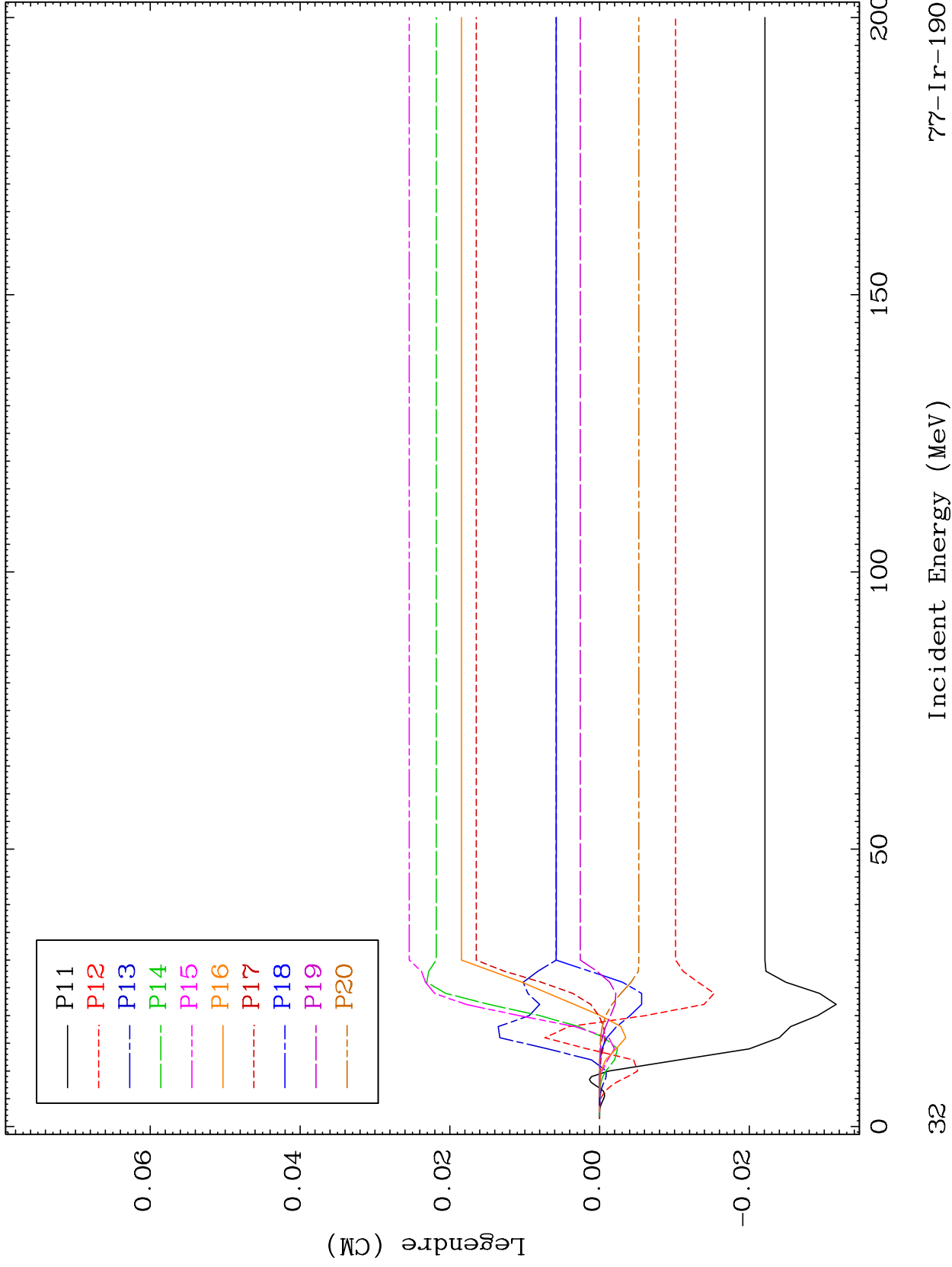




MAT 7722

38.10 keV (n,n') Level
Legendre Coefficients

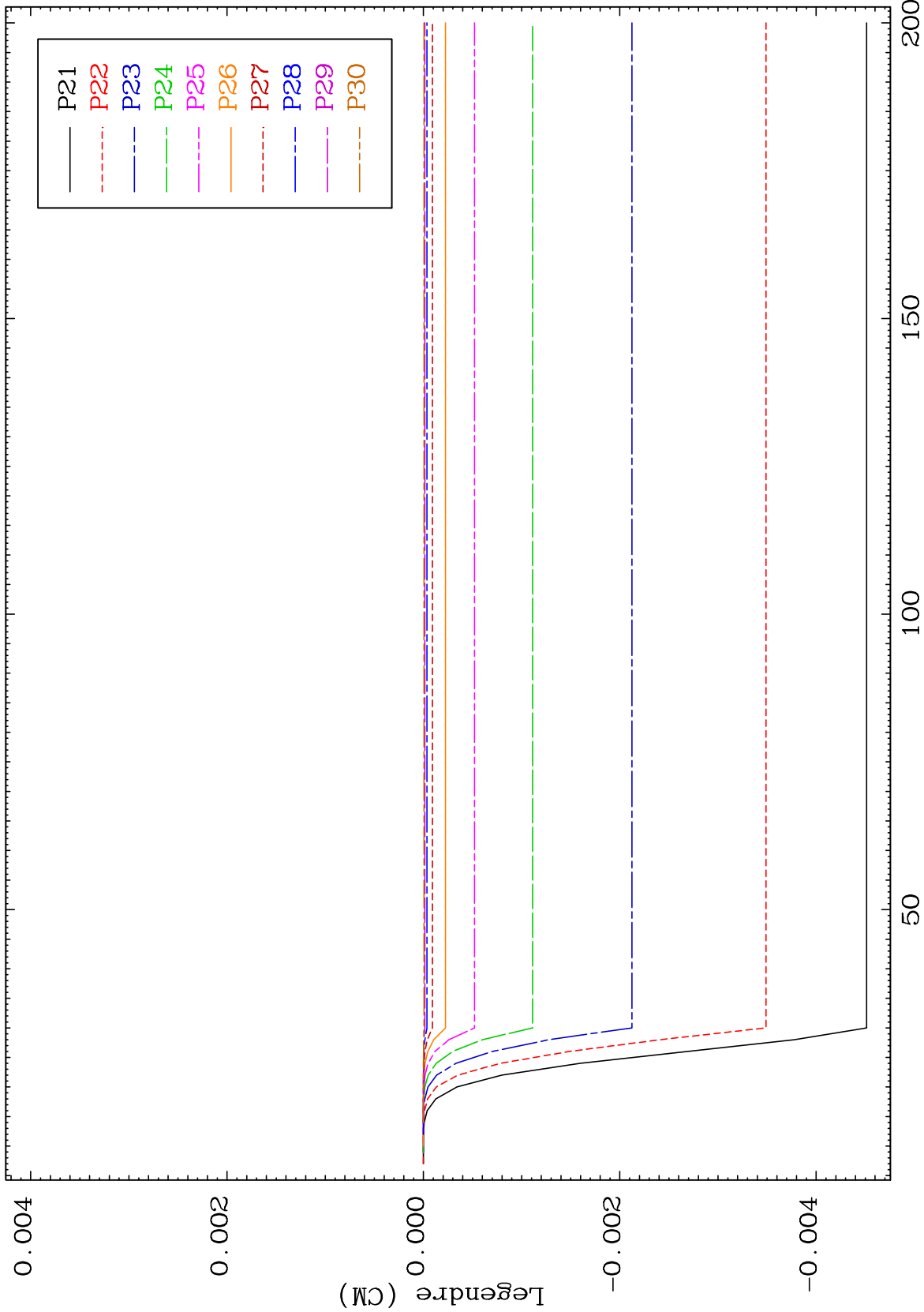
77-Ir-190

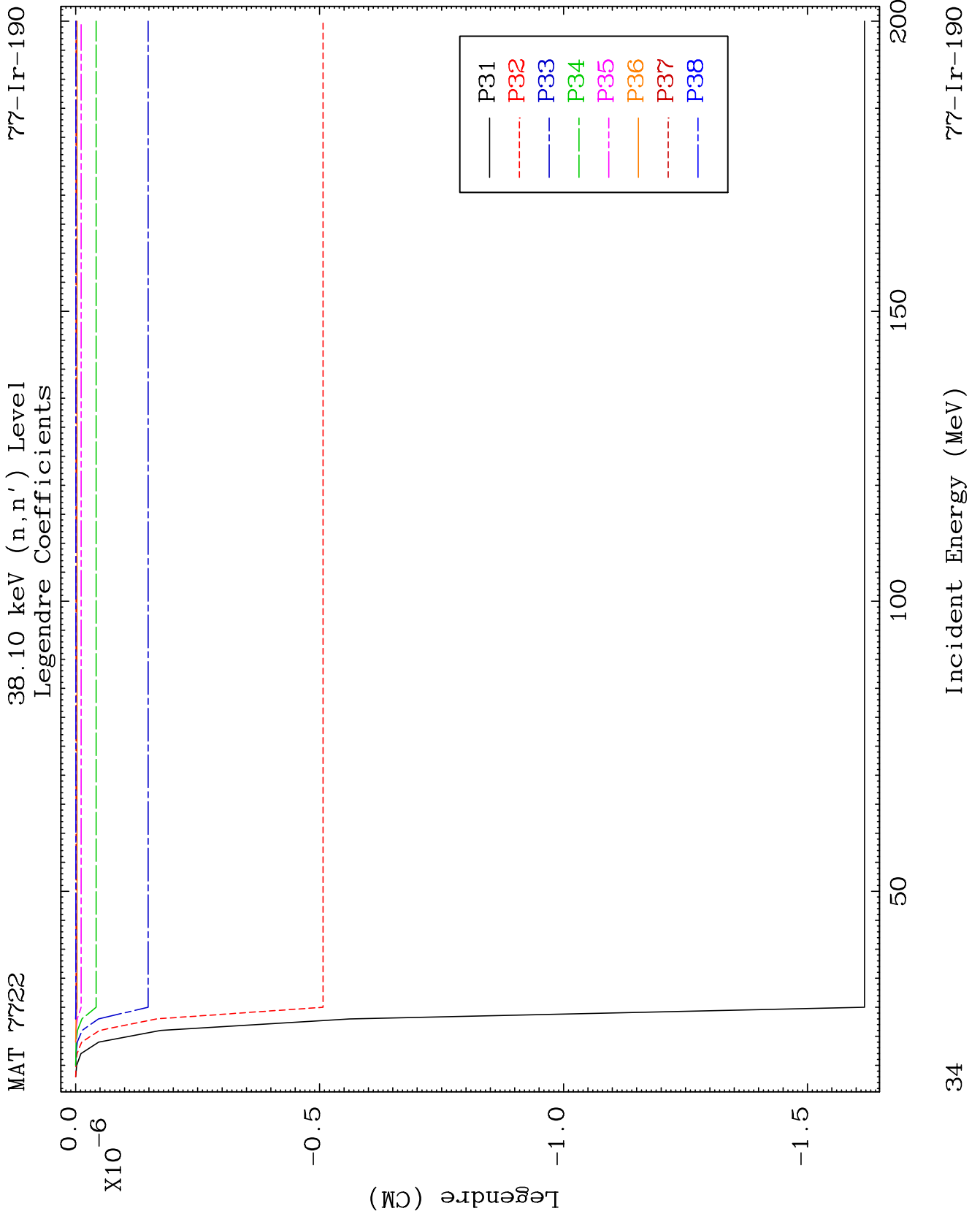


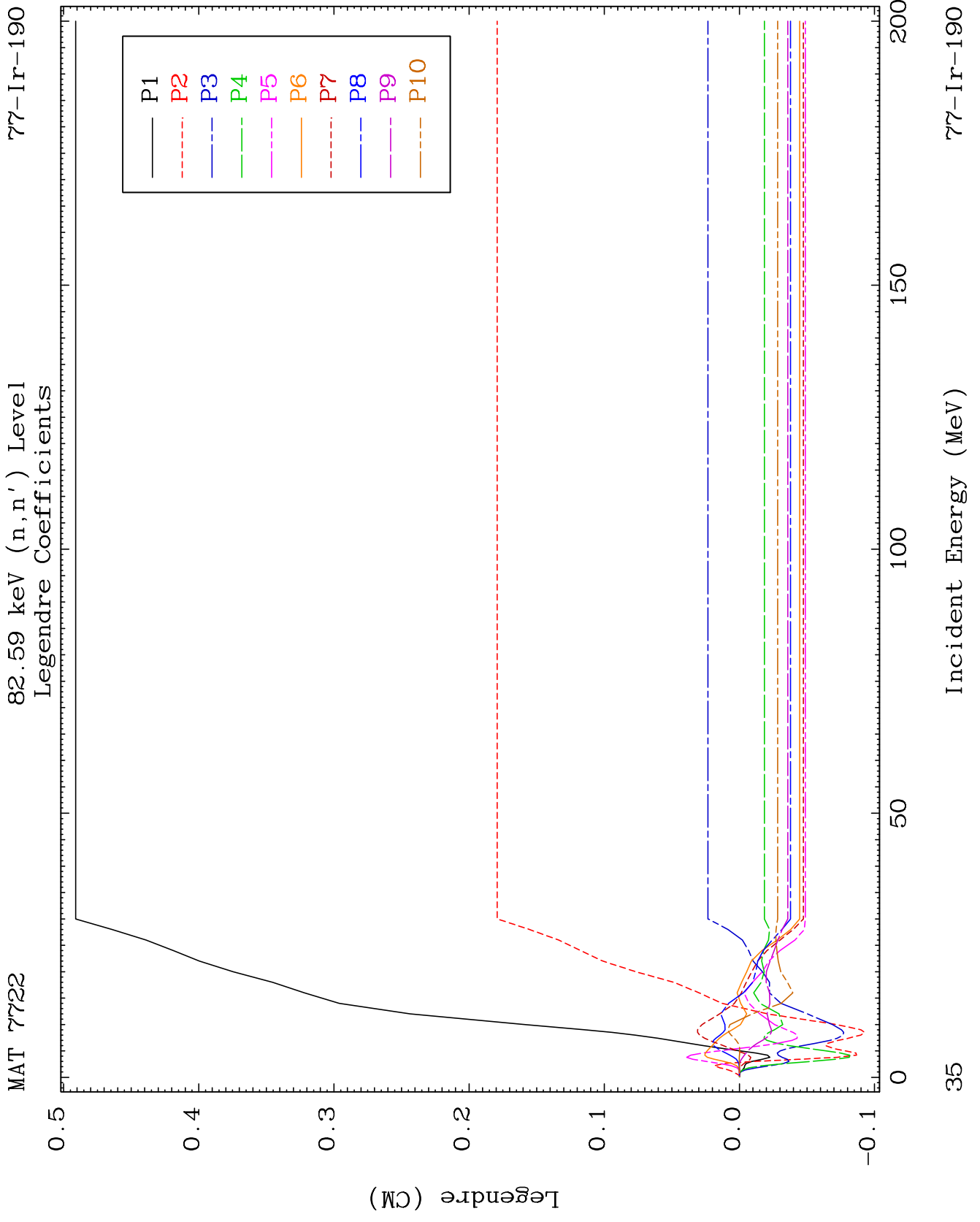
77-Ir-190

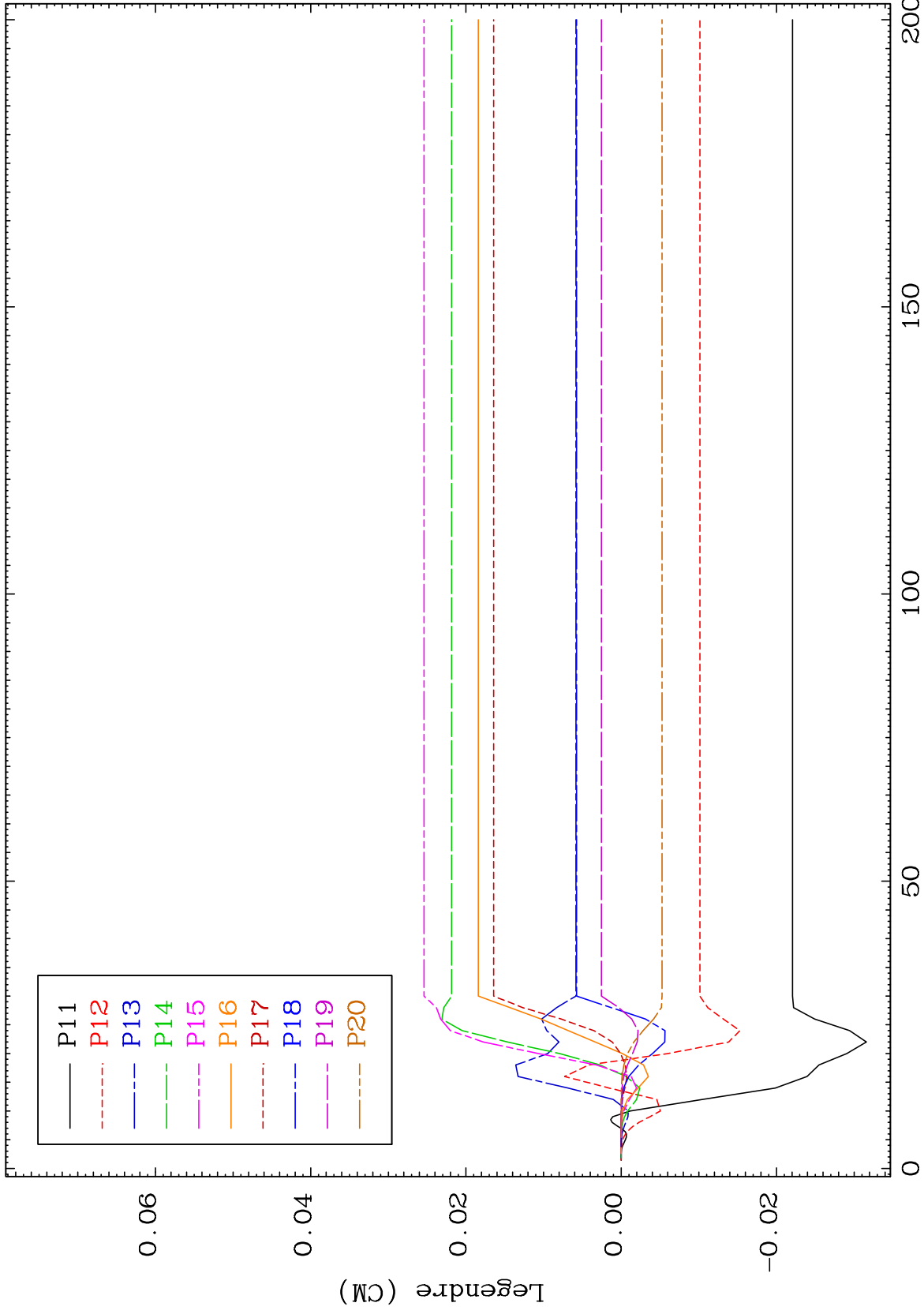
Incident Energy (MeV)

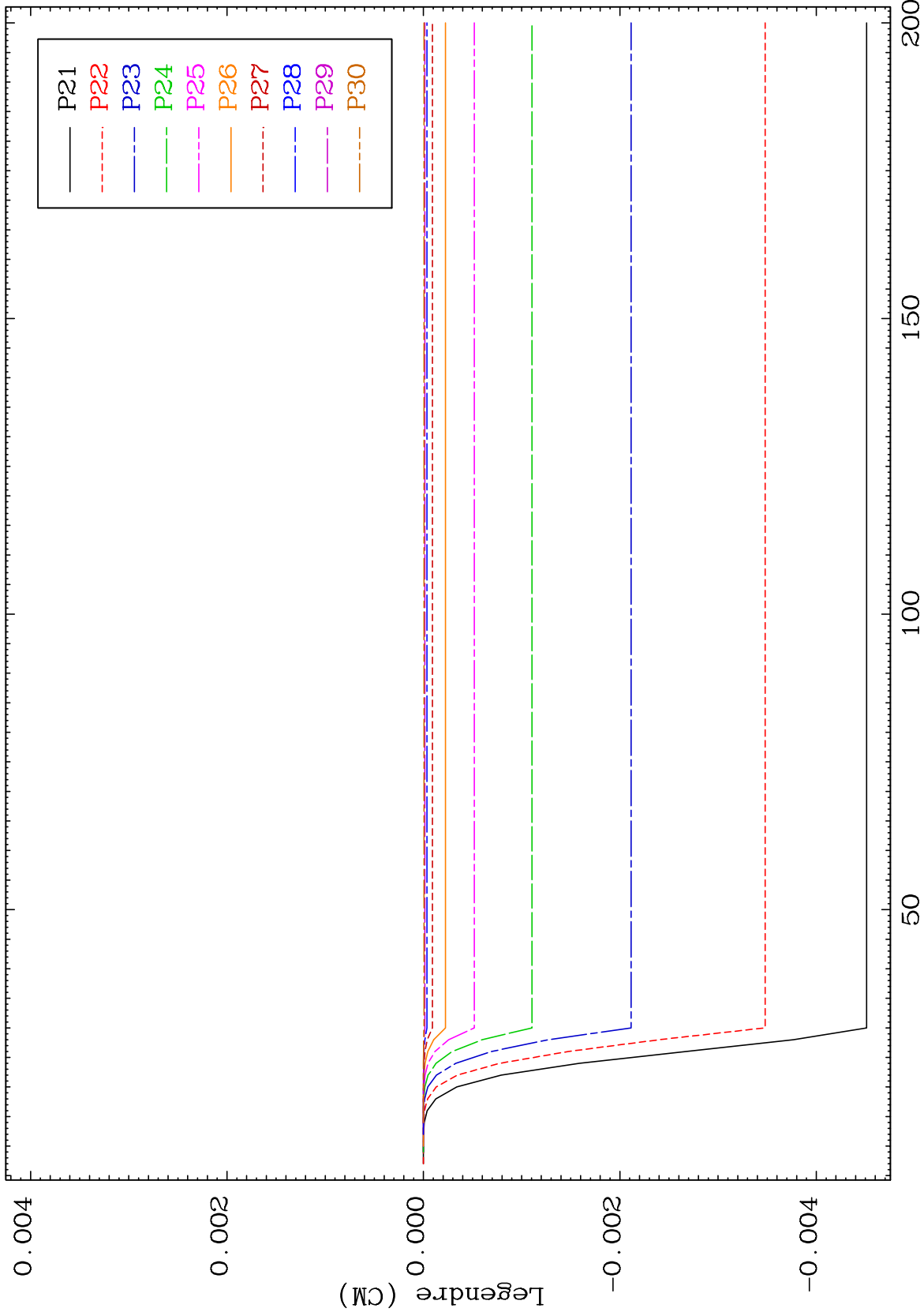
32

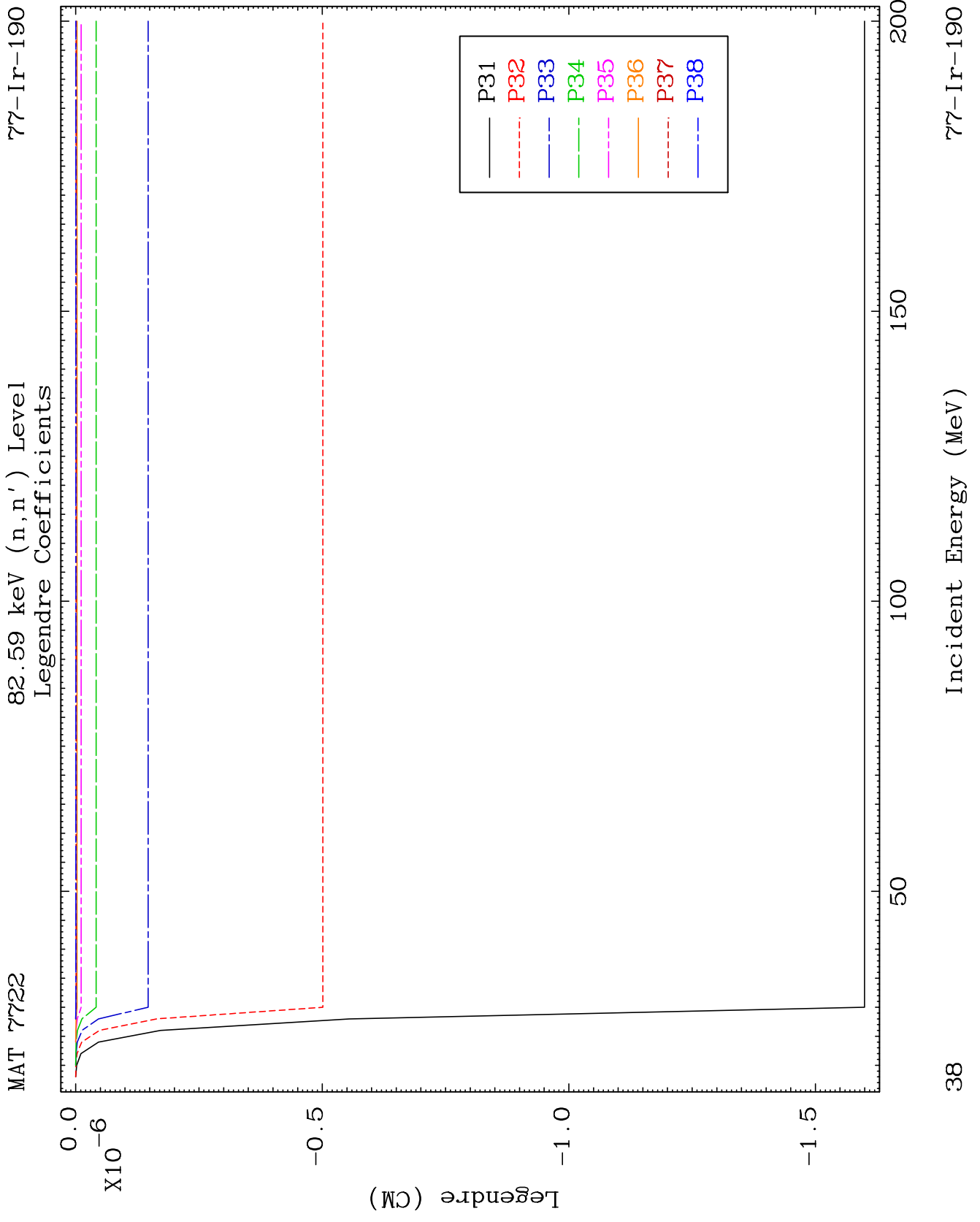


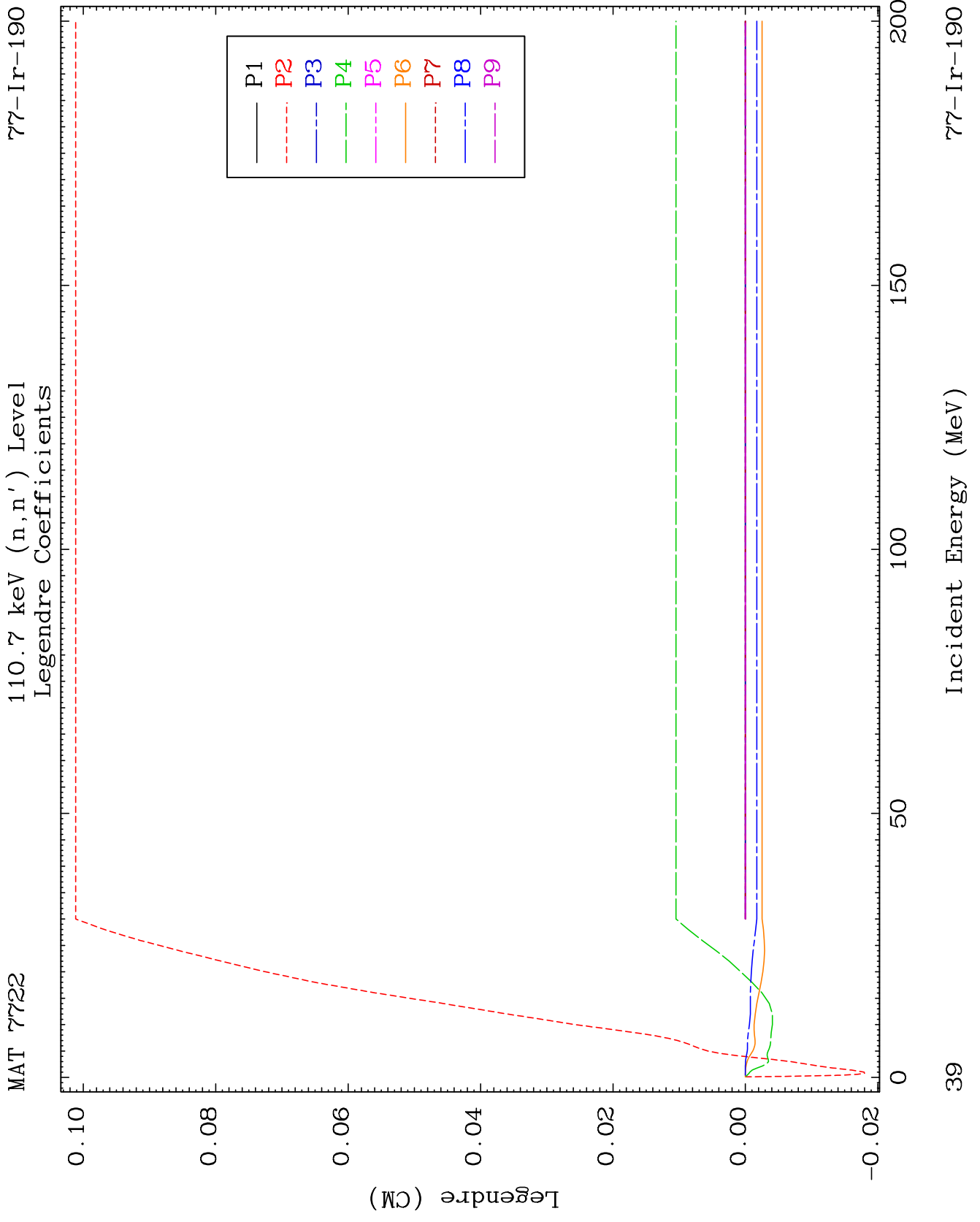


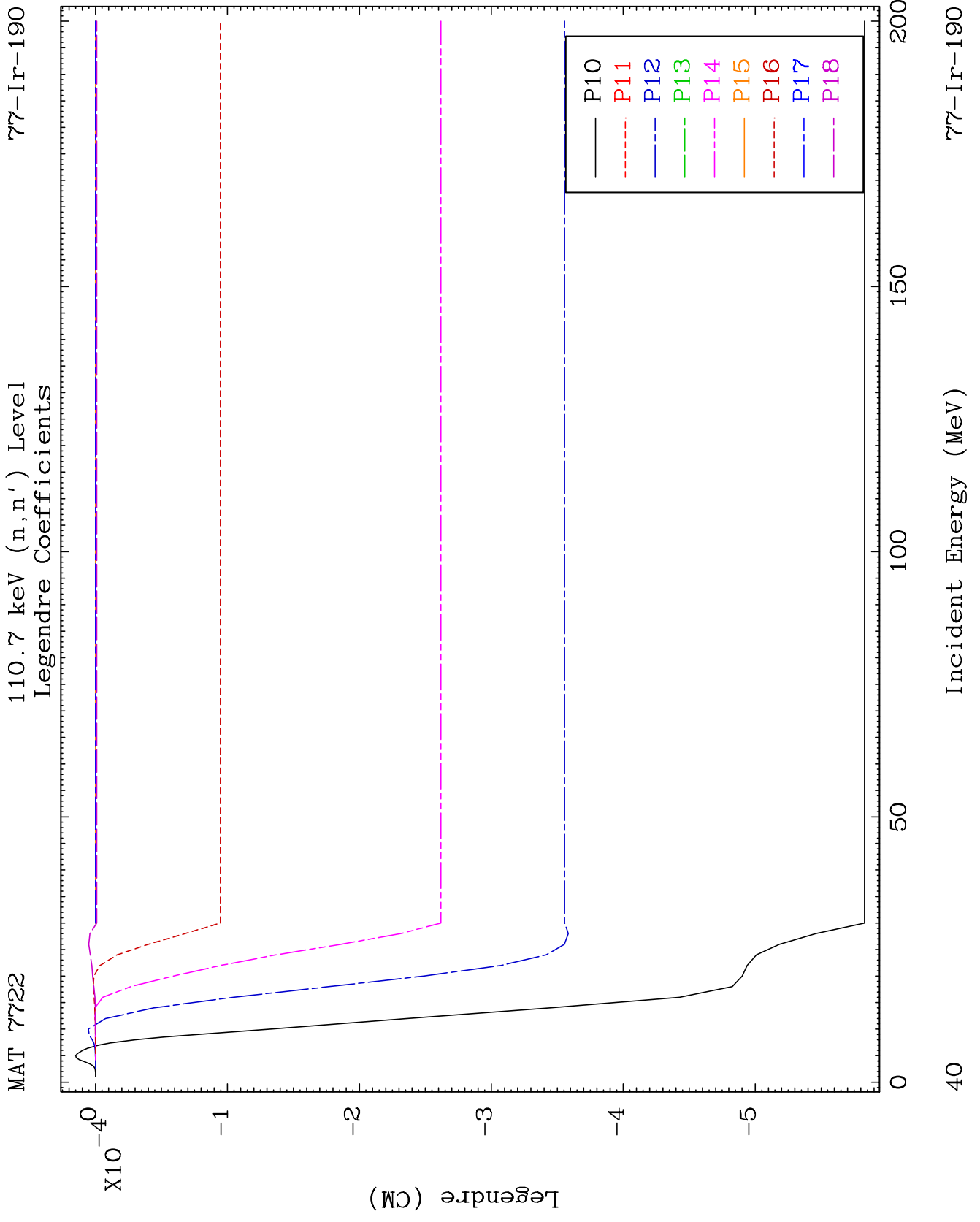


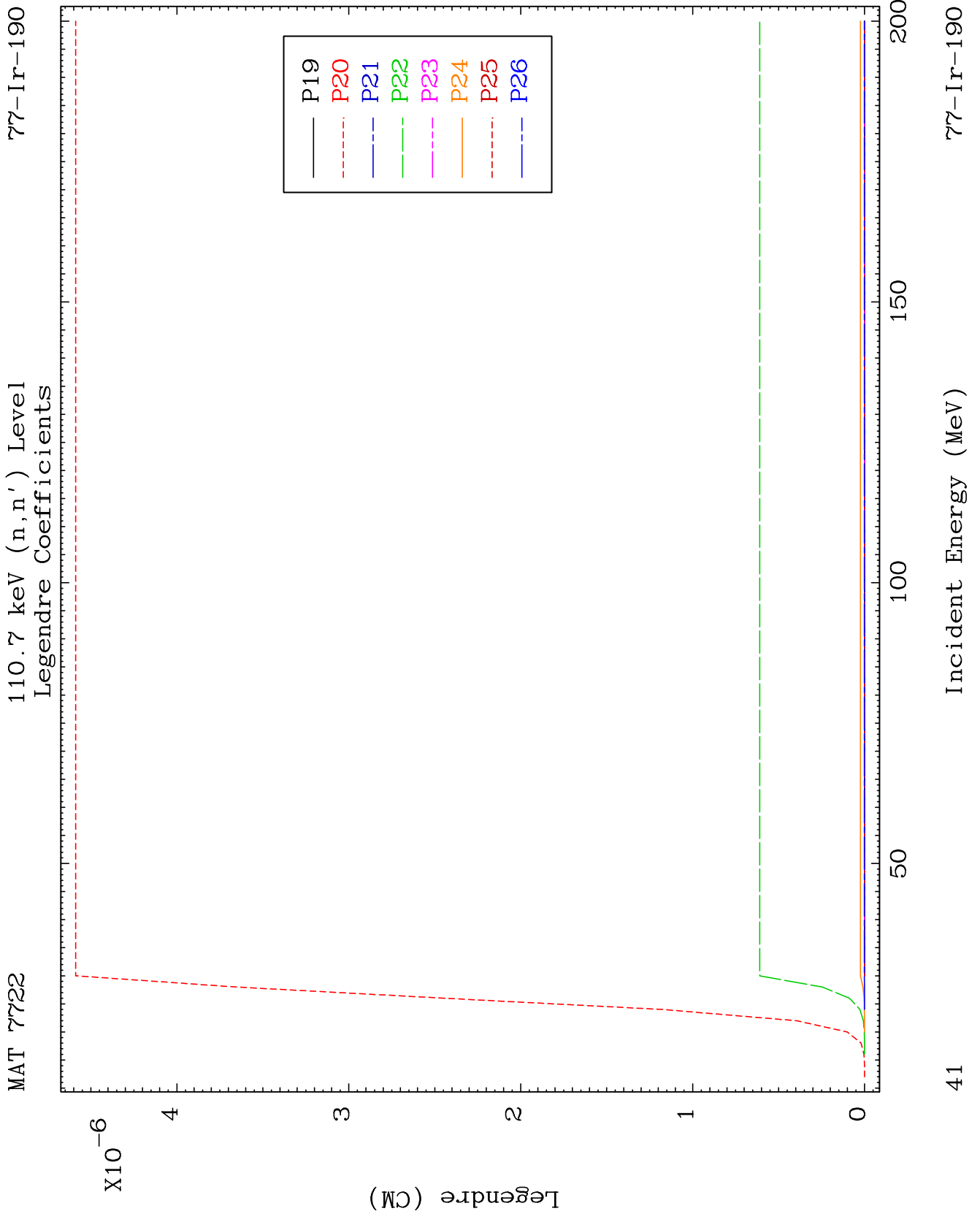








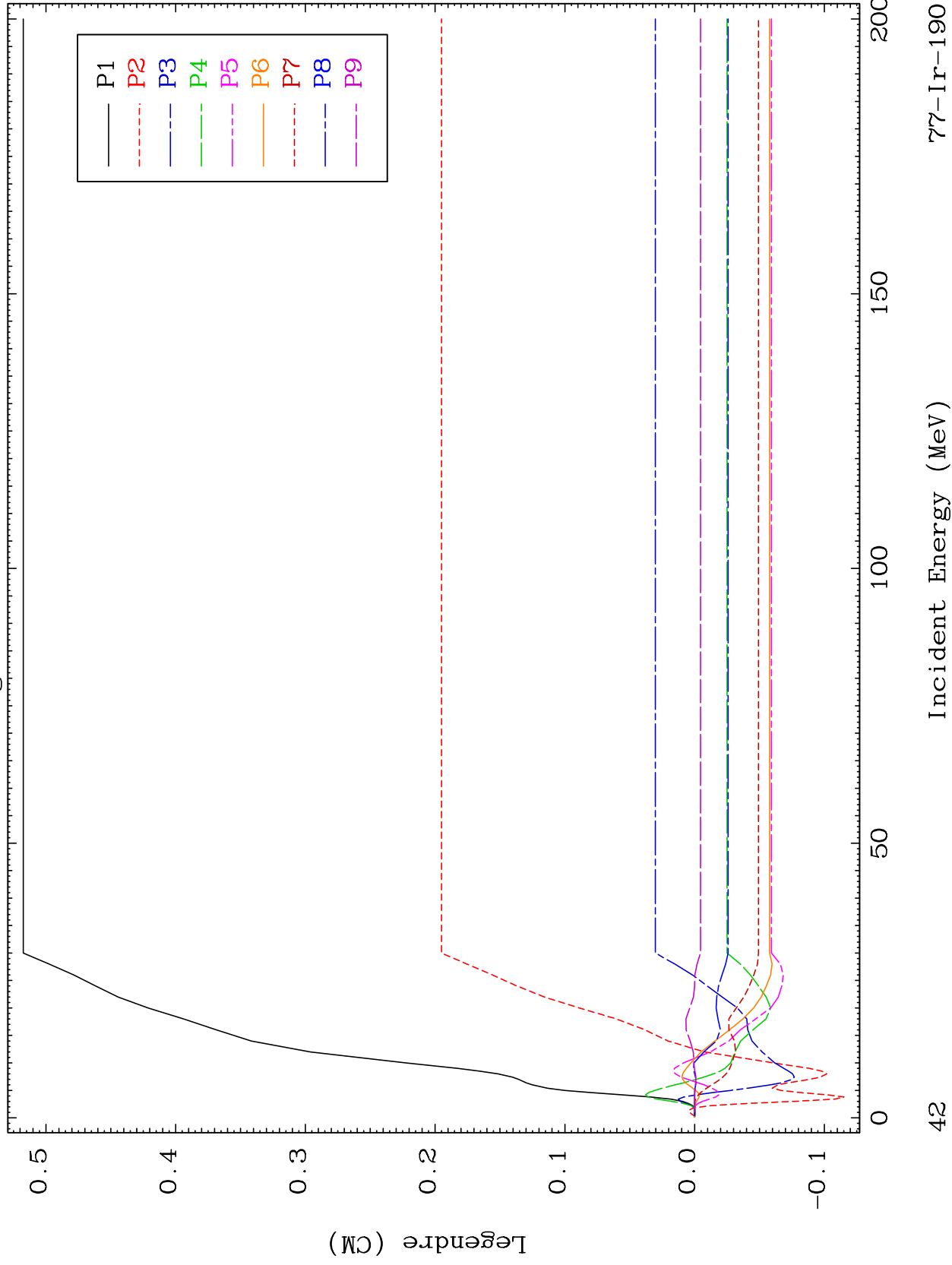




MAT 7722

138.1 keV (n,n') Level
Legendre Coefficients

77-Ir-190



77-Ir-190

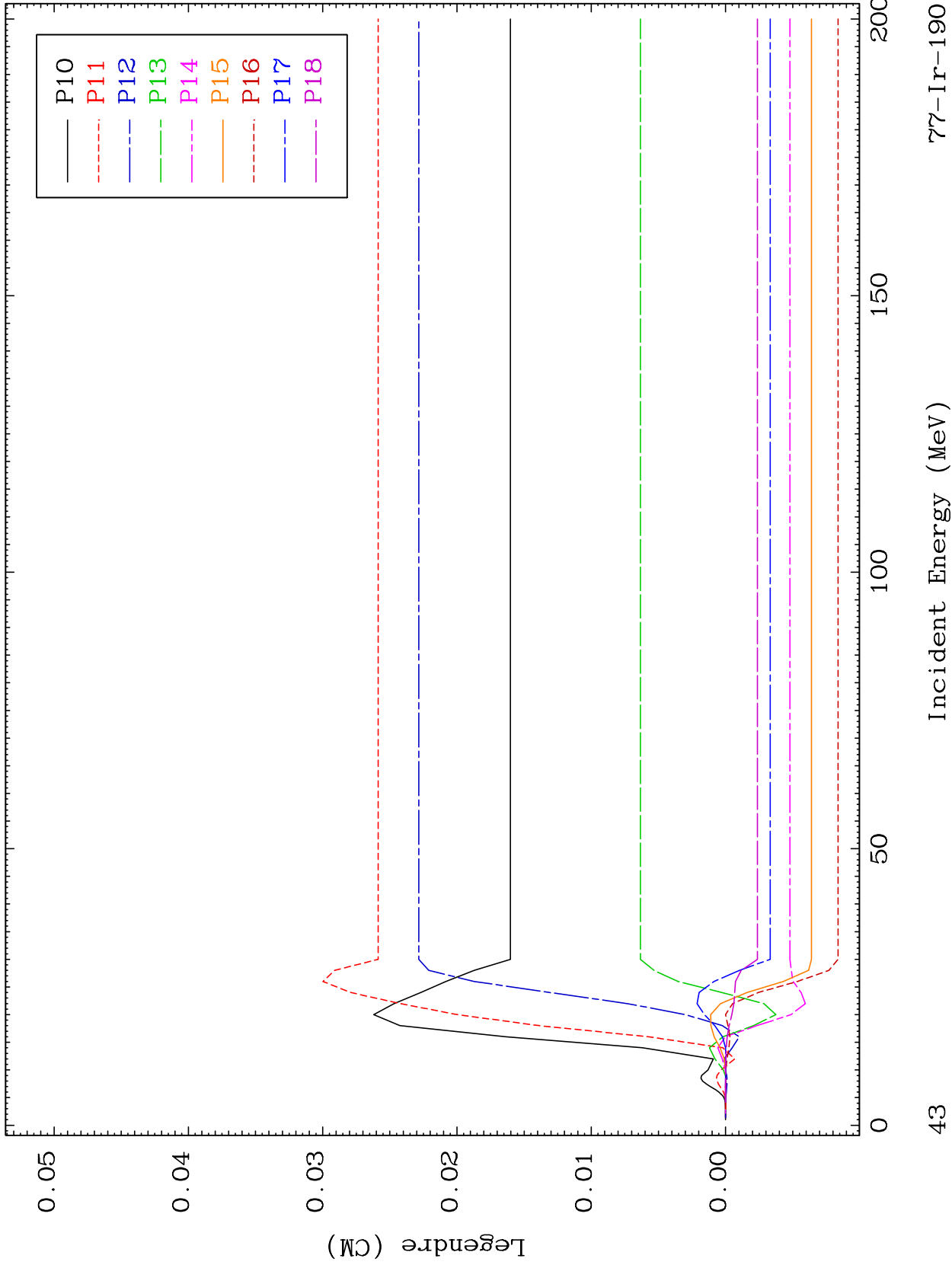
Incident Energy (MeV)

42

MAT 7722

138.1 keV (n,n') Level
Legendre Coefficients

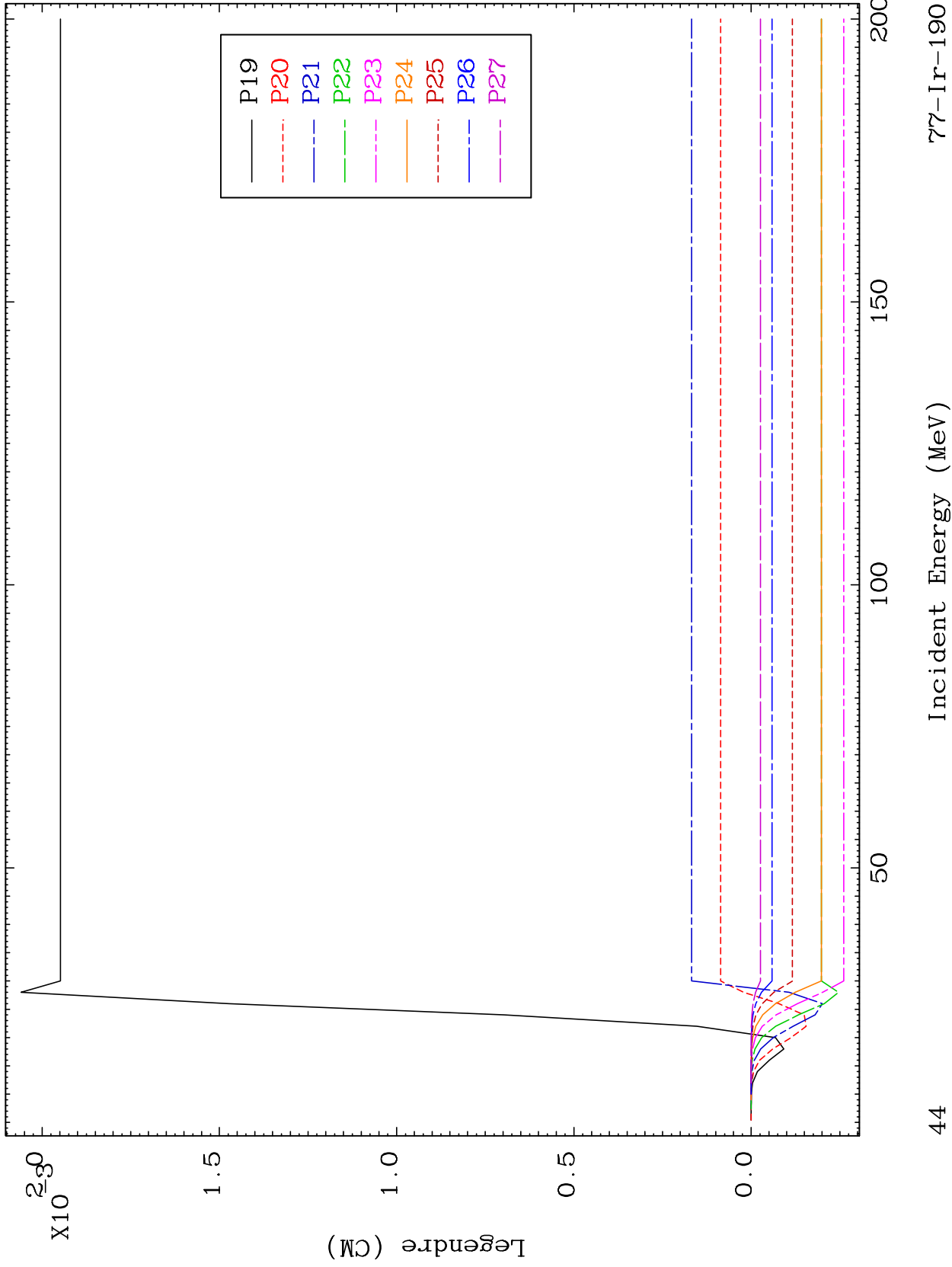
77-Ir-190

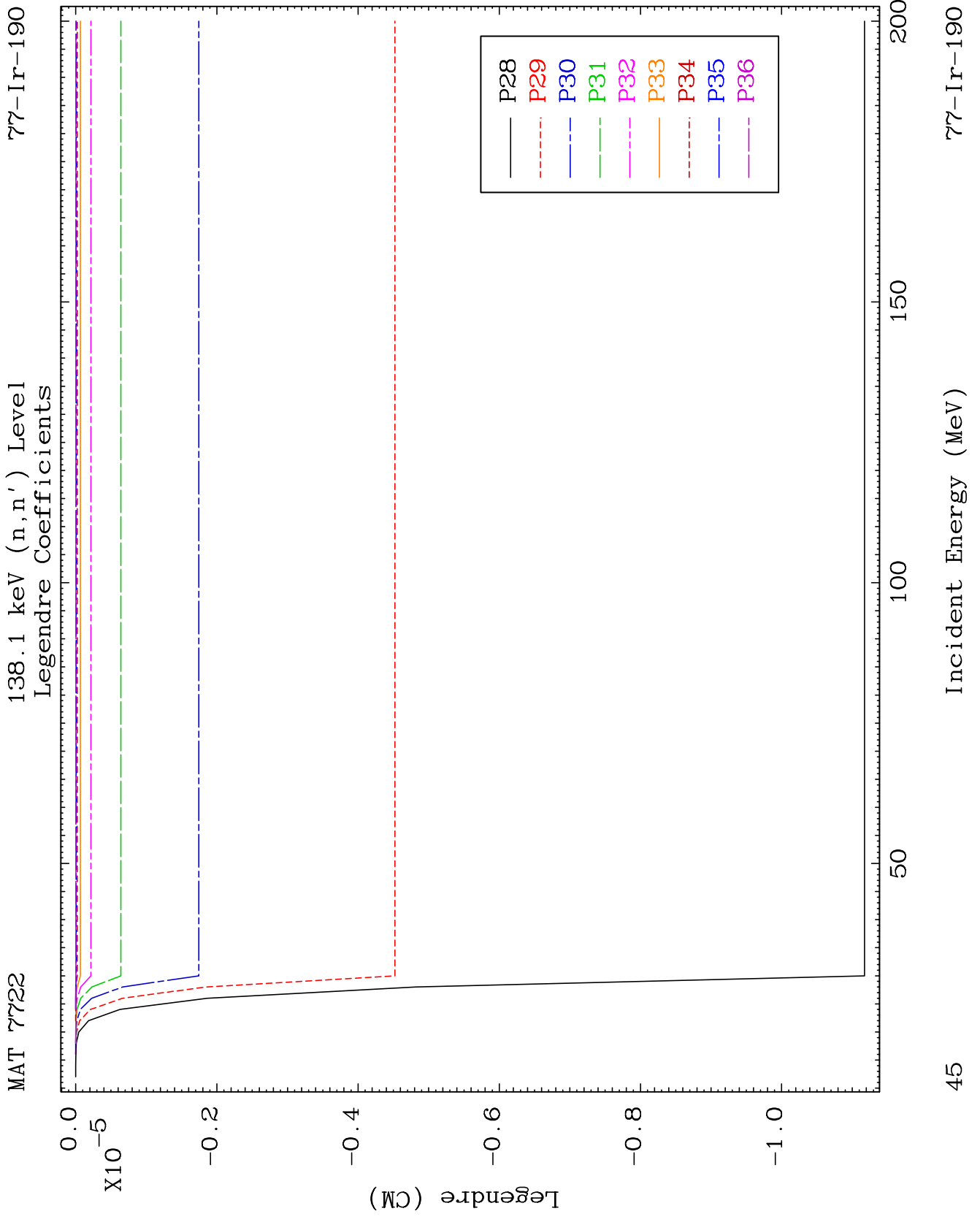


77-Ir-190

Incident Energy (MeV)

43

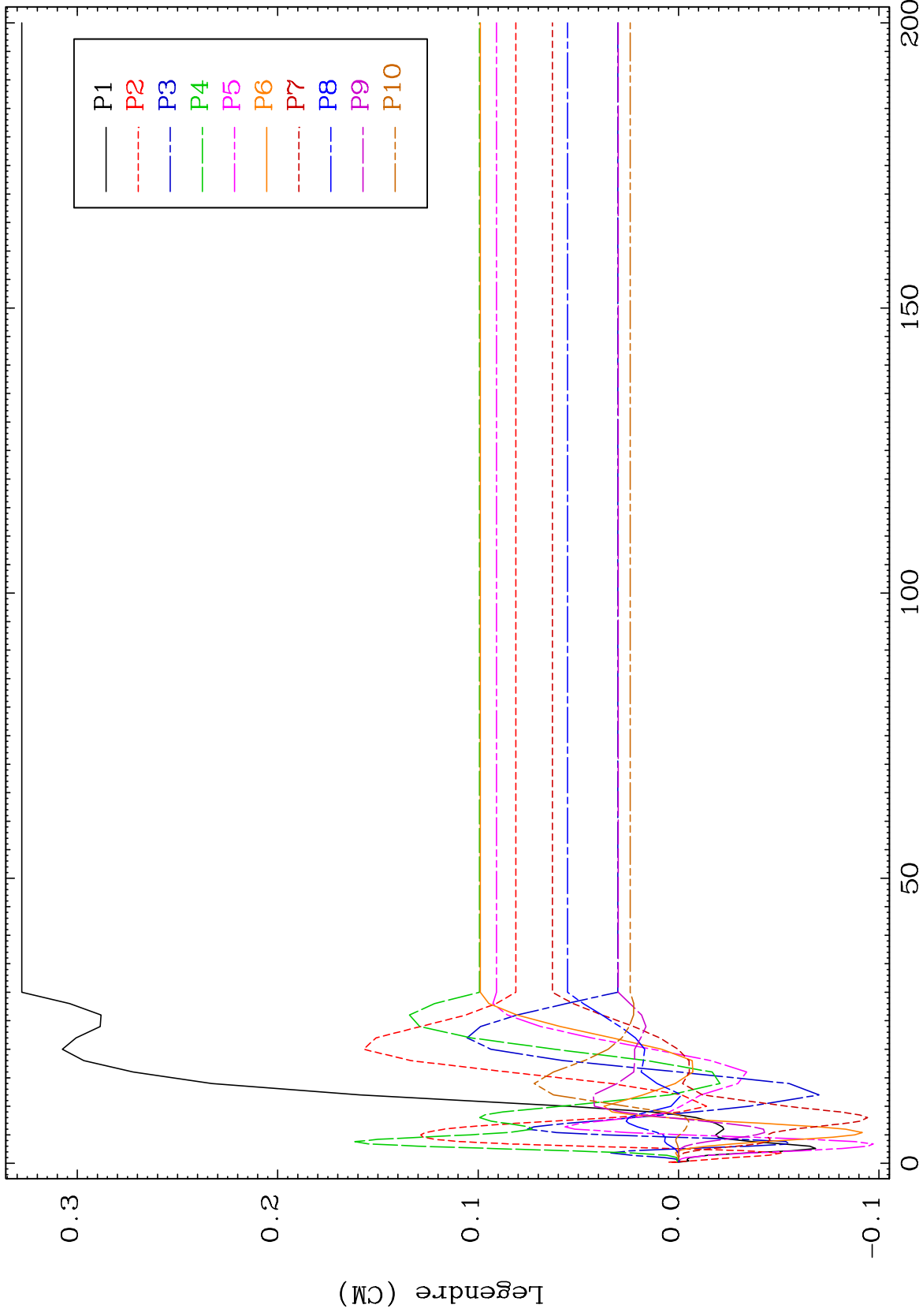




MAT 7722

144.1 keV (n,n') Level
Legendre Coefficients

77-Ir-190



77-Ir-190

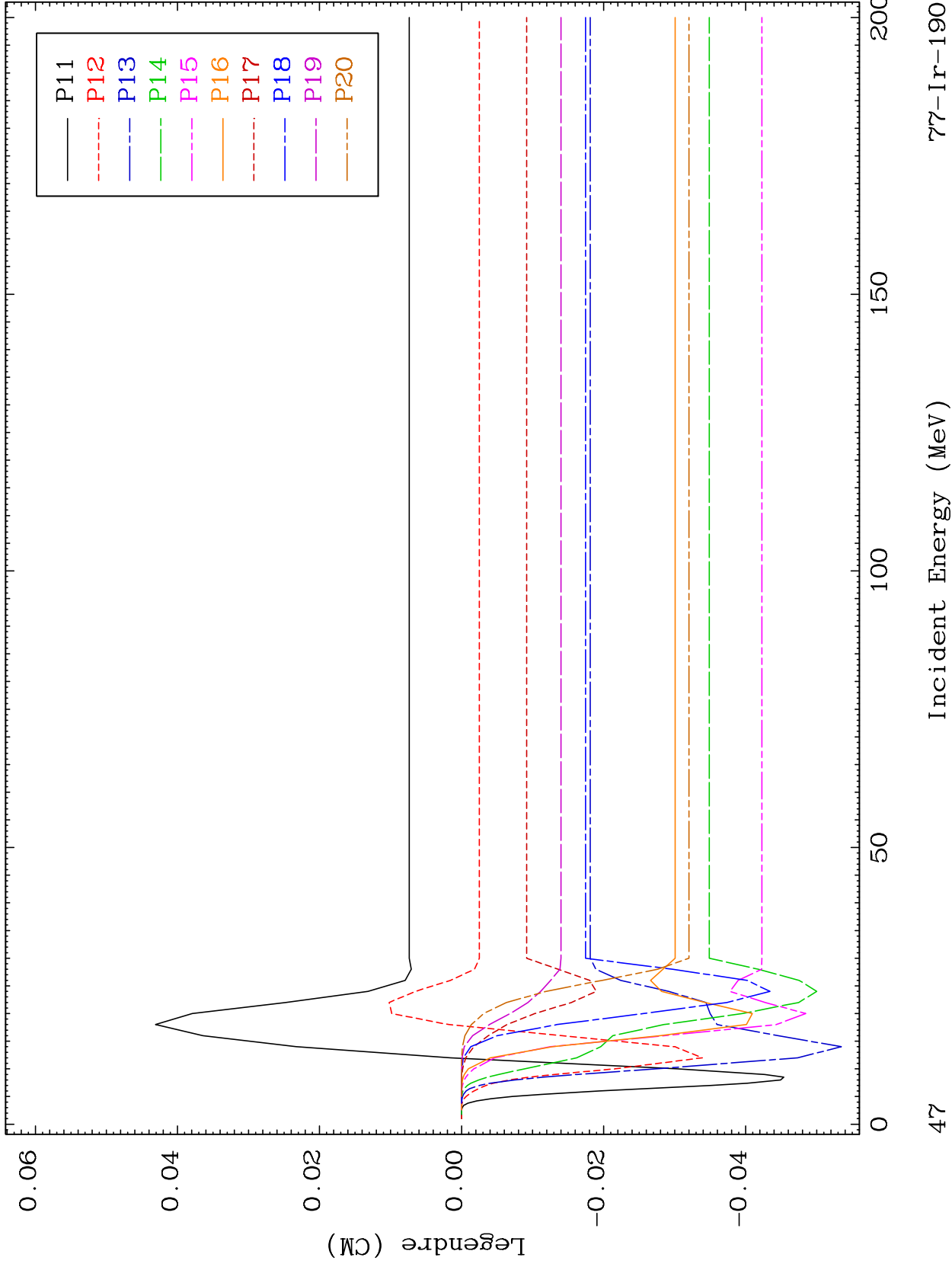
Incident Energy (MeV)

46

MAT 7722

144.1 keV (n,n') Level
Legendre Coefficients

77-Ir-190



47

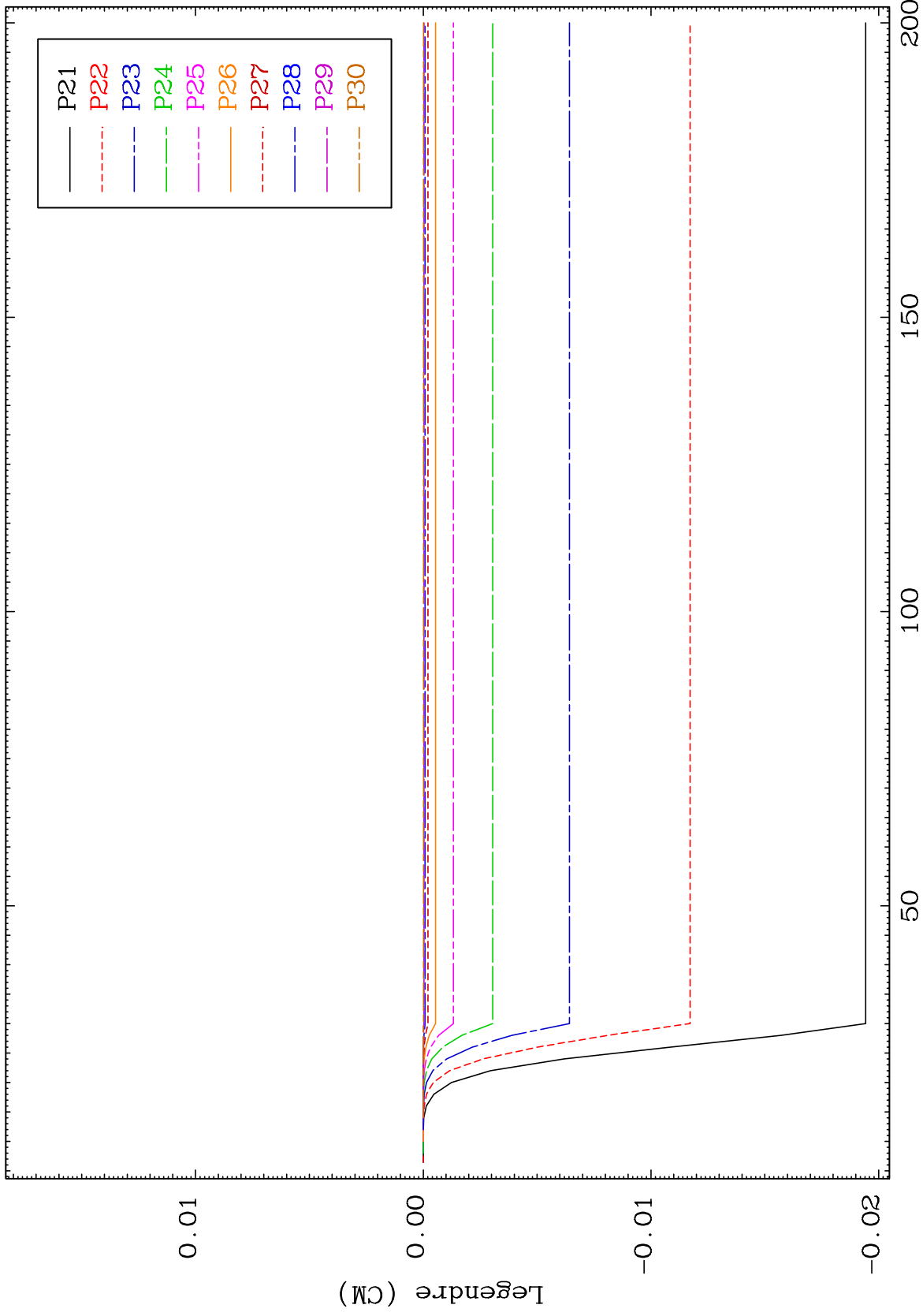
Incident Energy (MeV)

77-Ir-190

MAT 7722

144.1 keV (n,n') Level
Legendre Coefficients

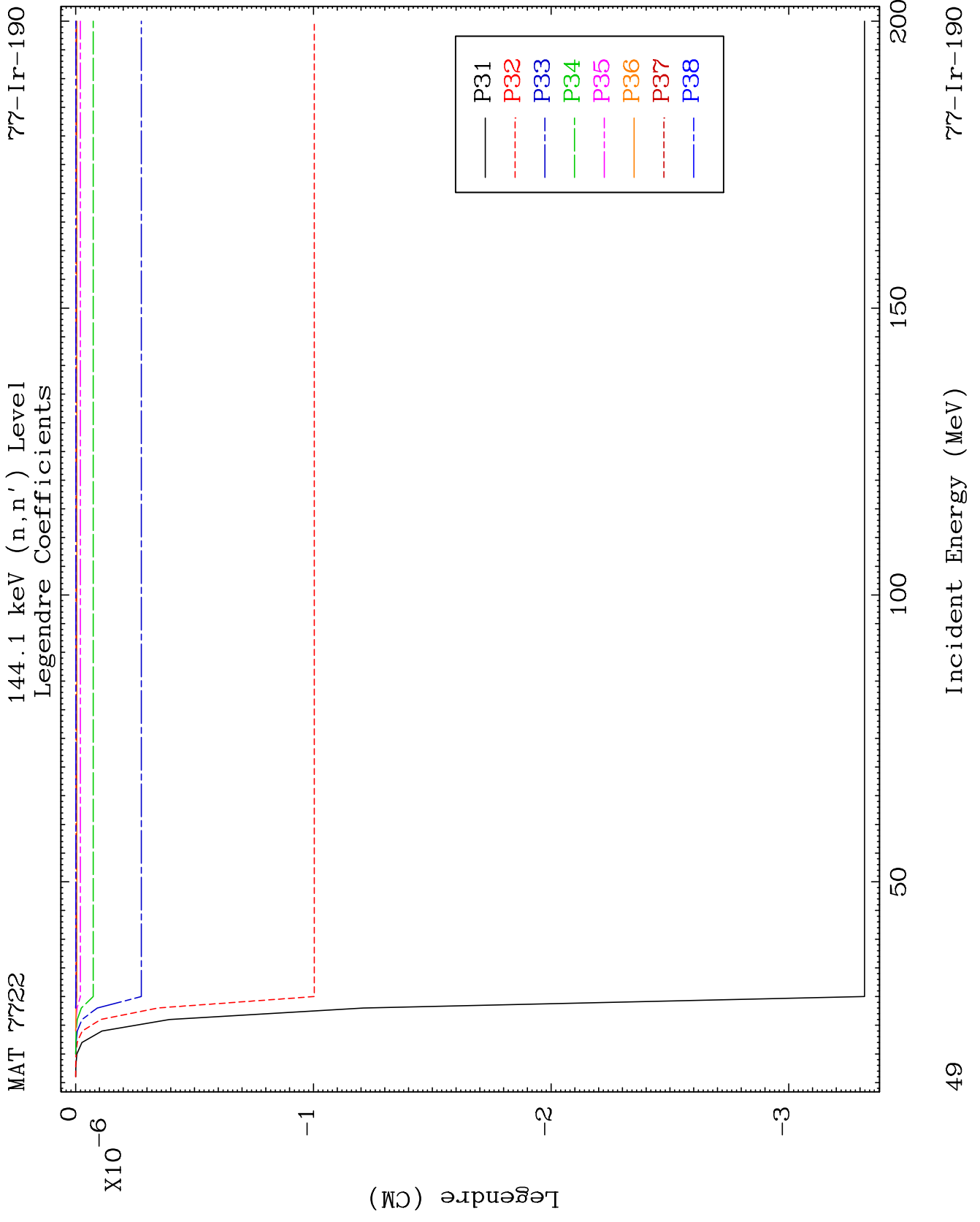
77-Ir-190

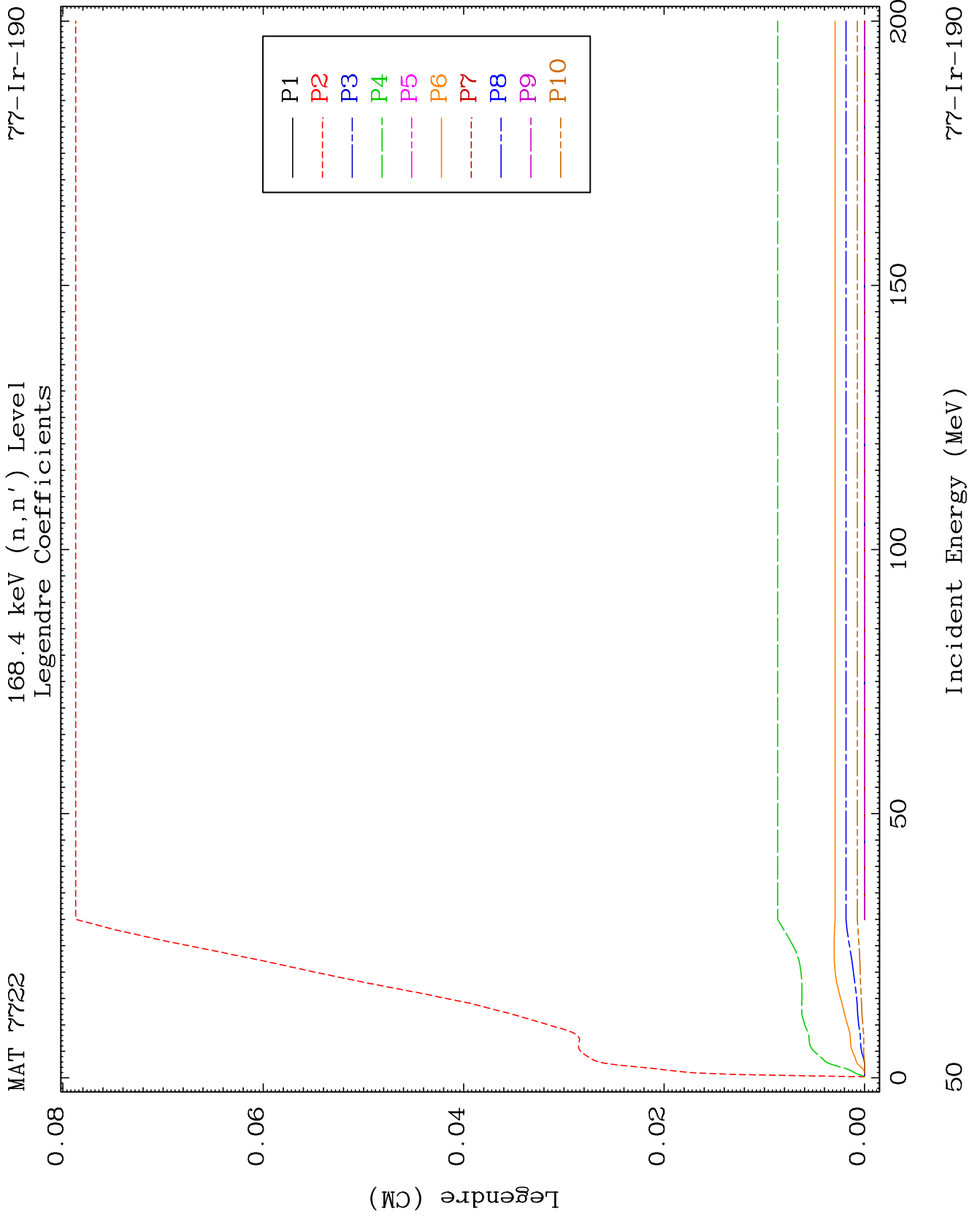


48

Incident Energy (MeV)

77-Ir-190

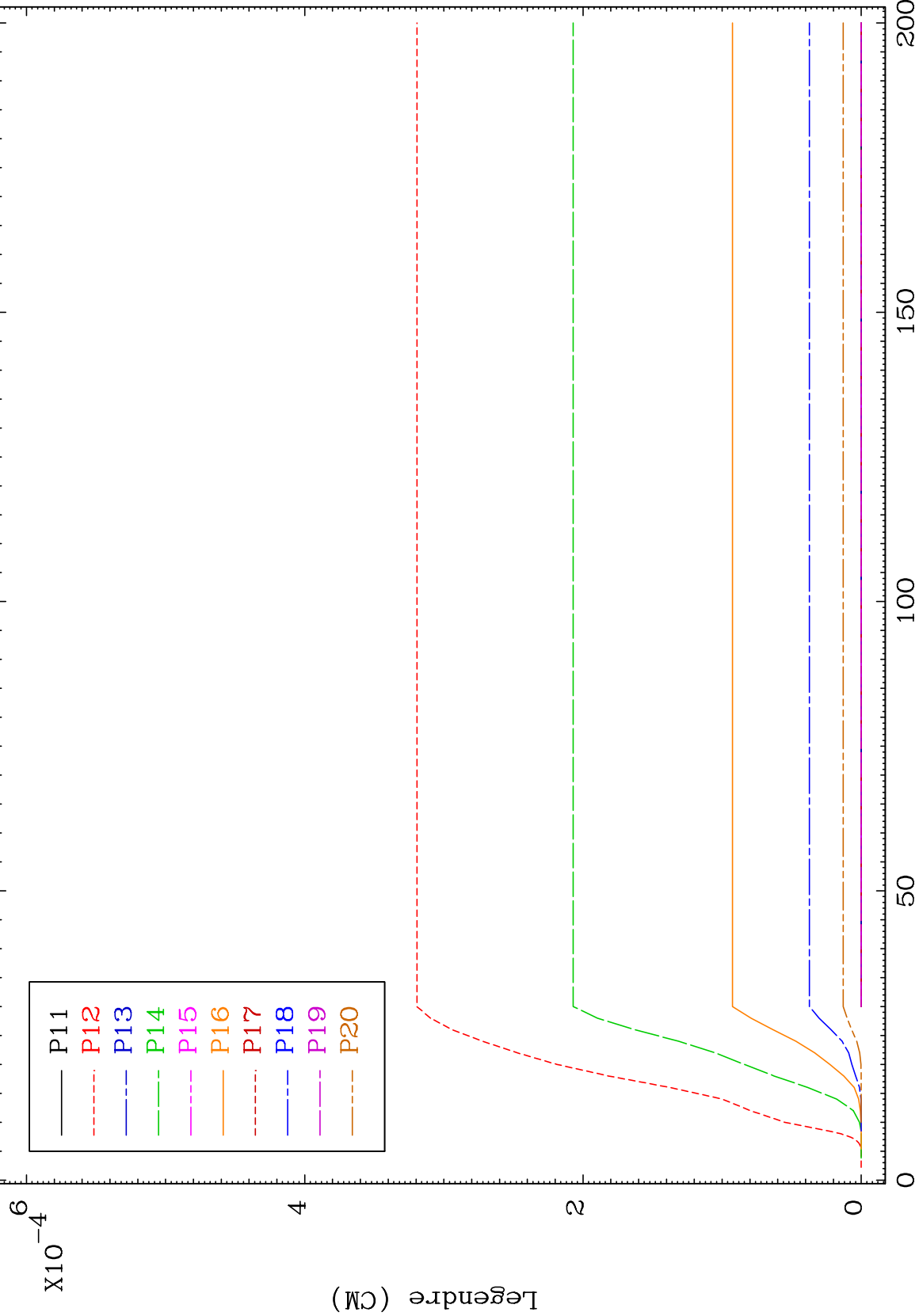




MAT 7722

168.4 keV (n,n') Level
Legendre Coefficients

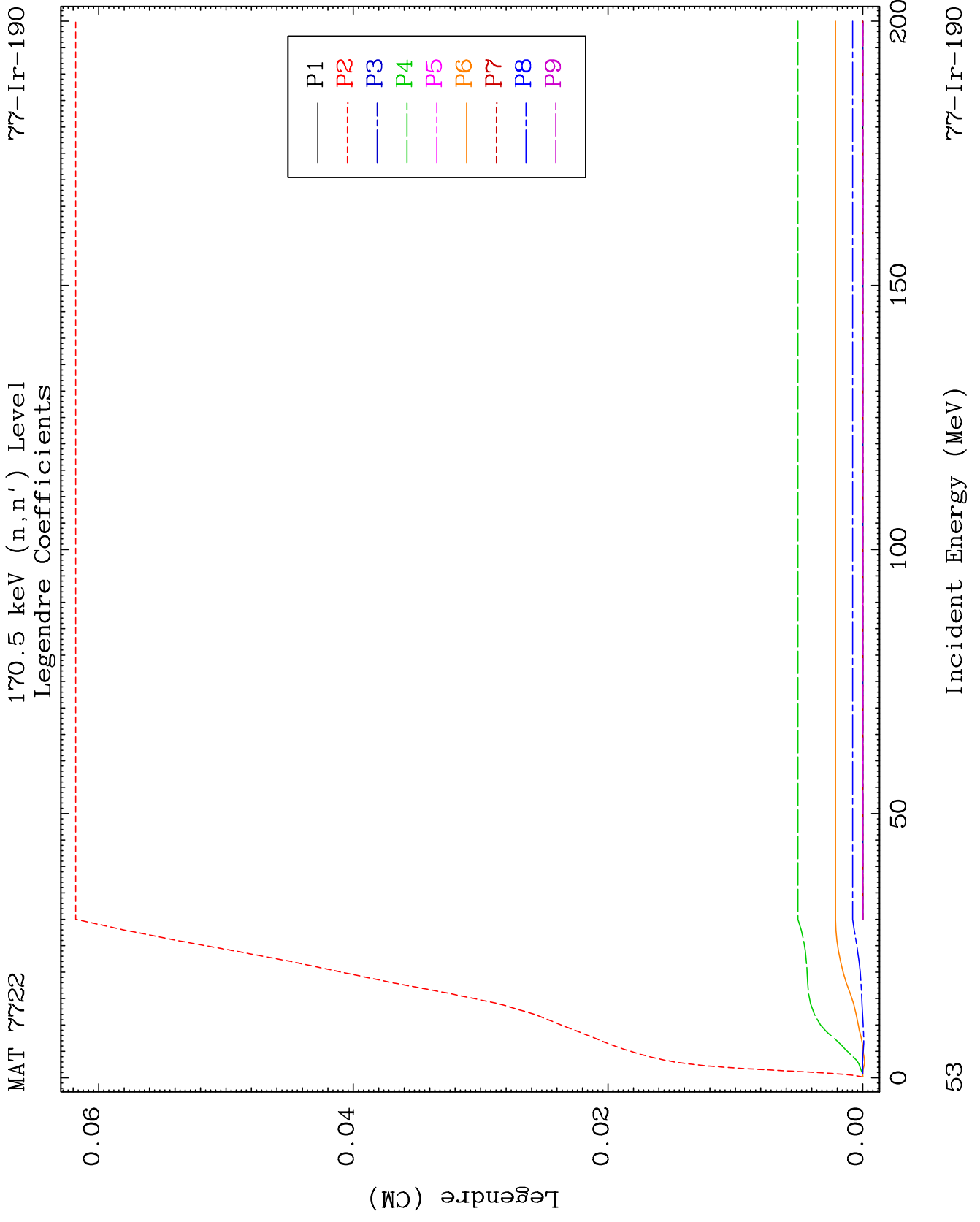
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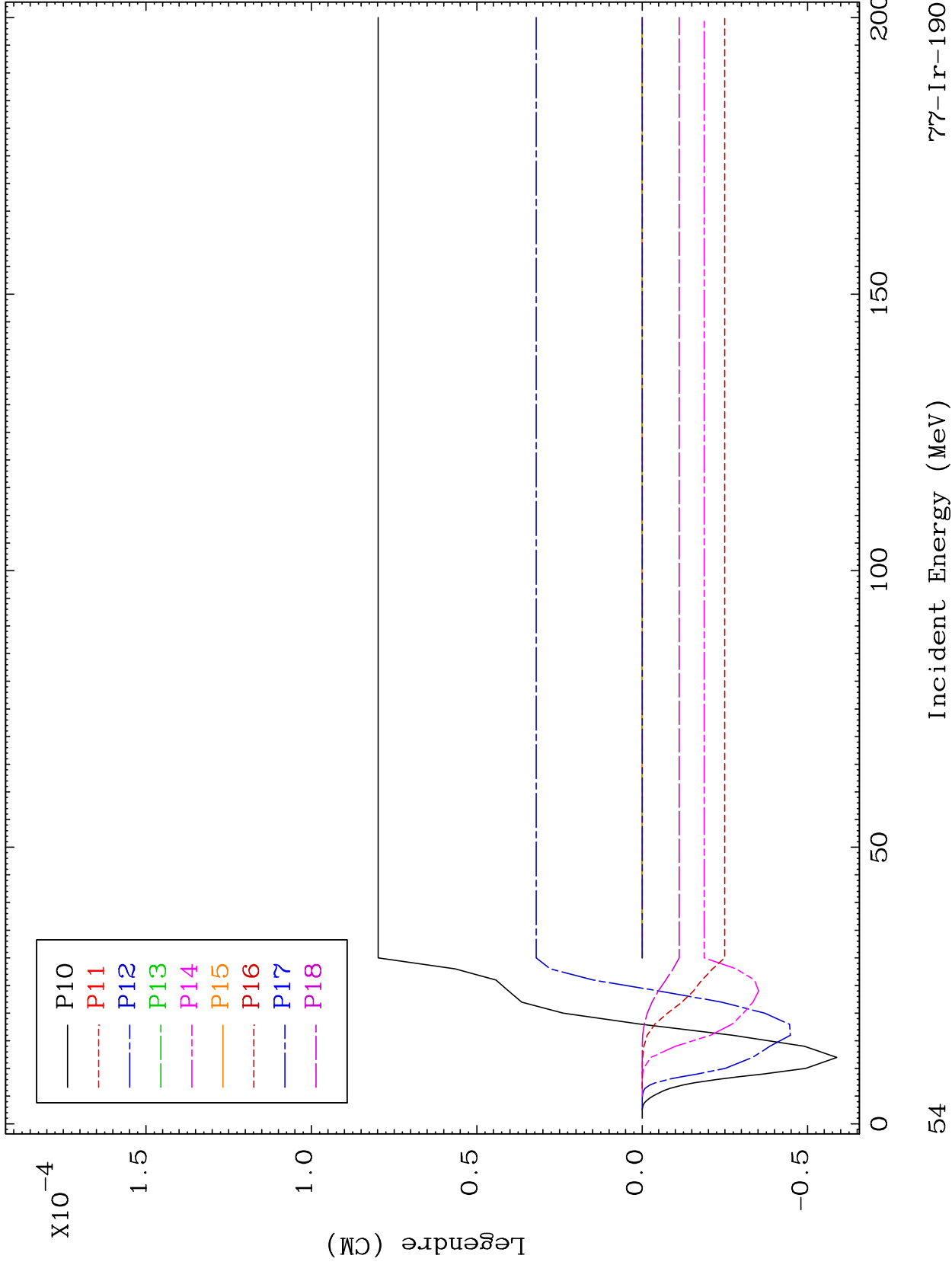


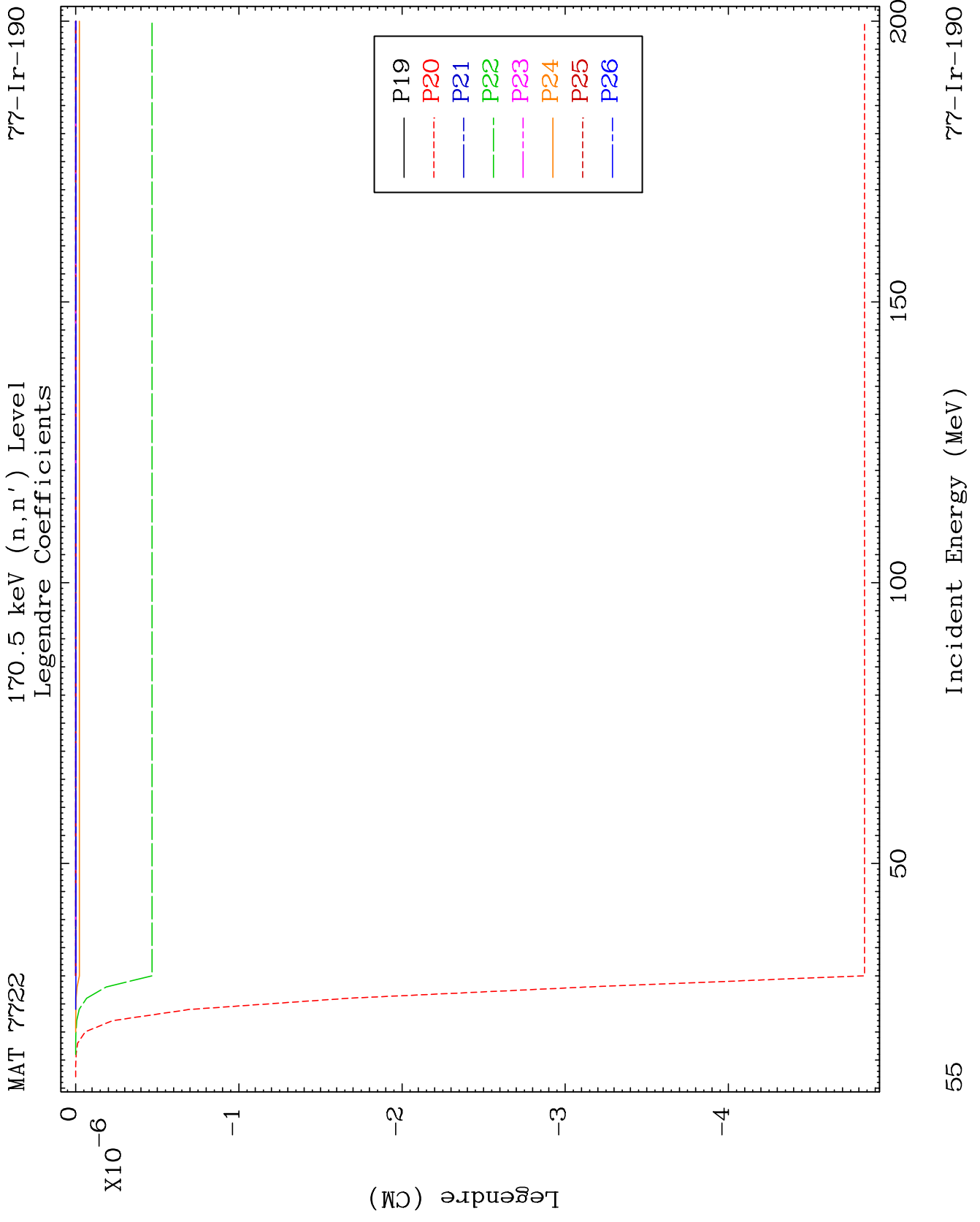
51

Incident Energy (MeV)

77-Ir-190



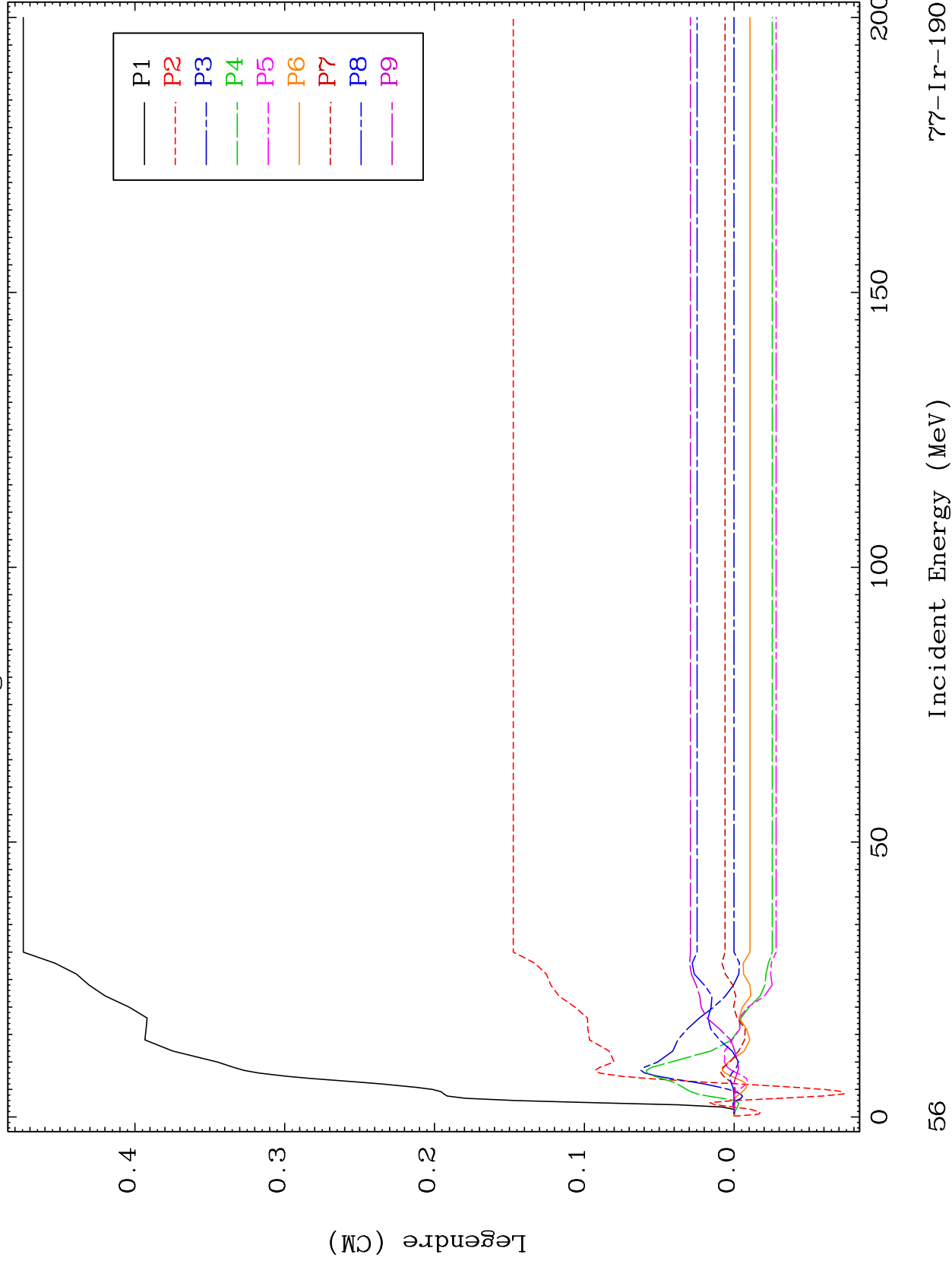




MAT 7722

171.5 keV (n,n') Level
Legendre Coefficients

77-Ir-190

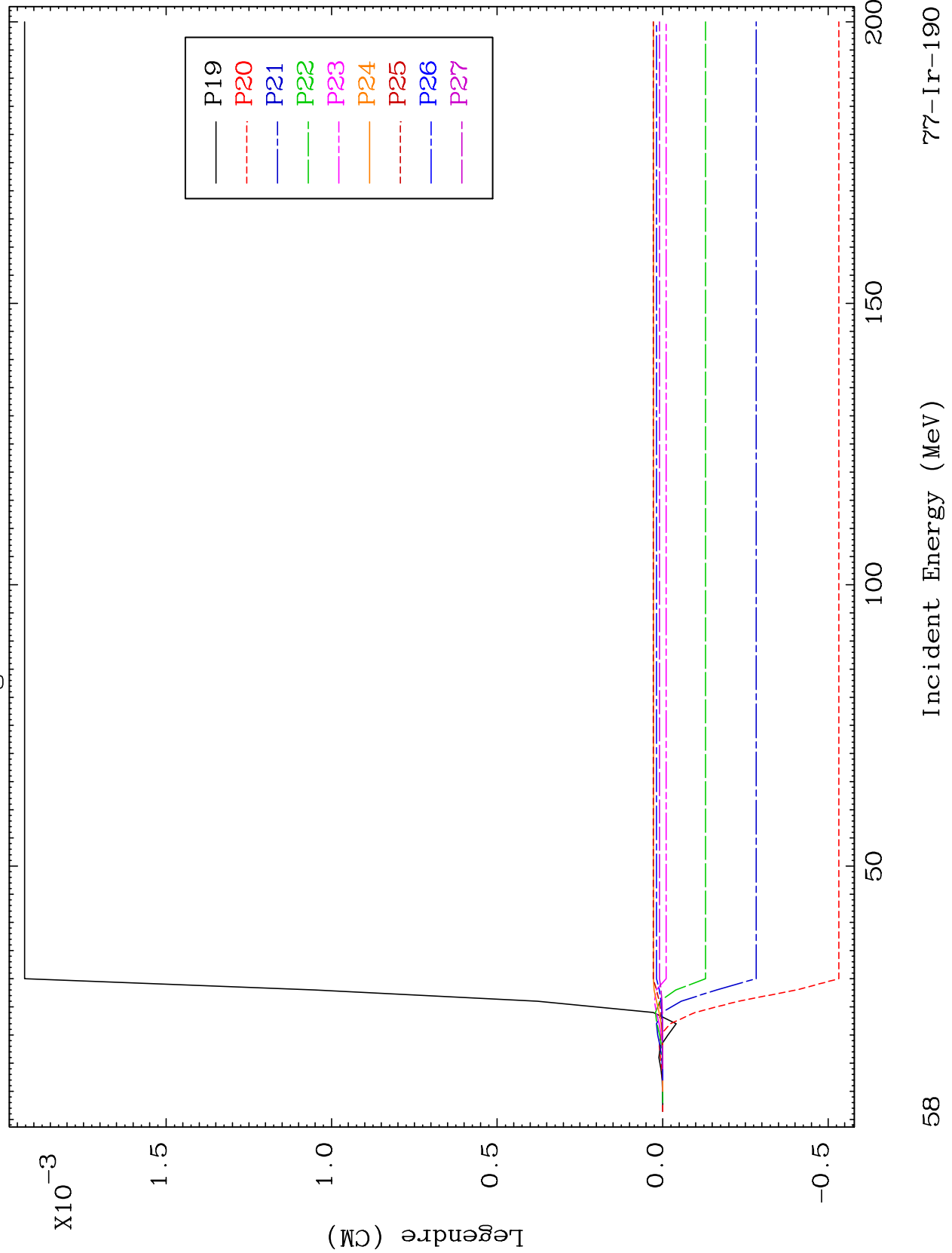


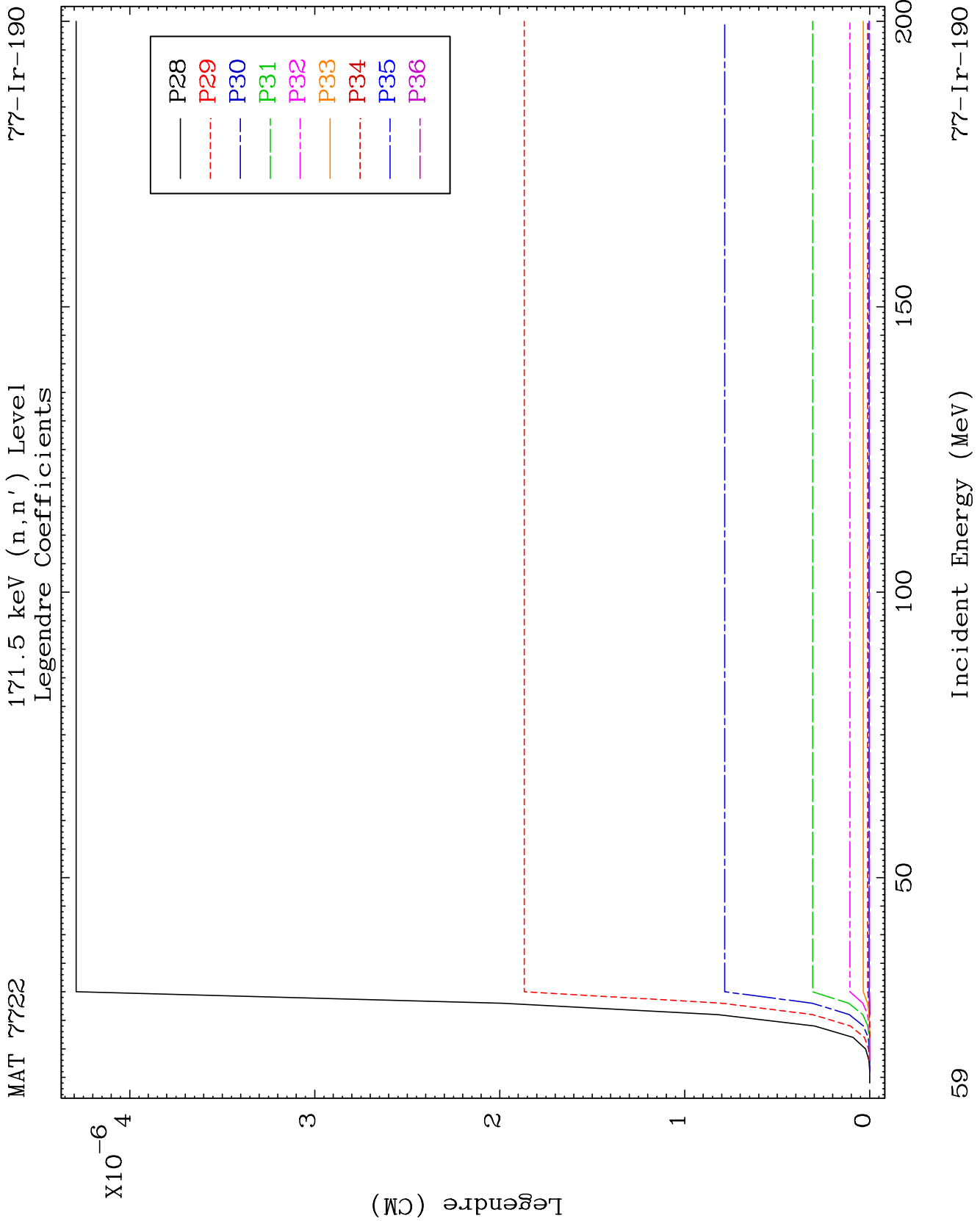
56

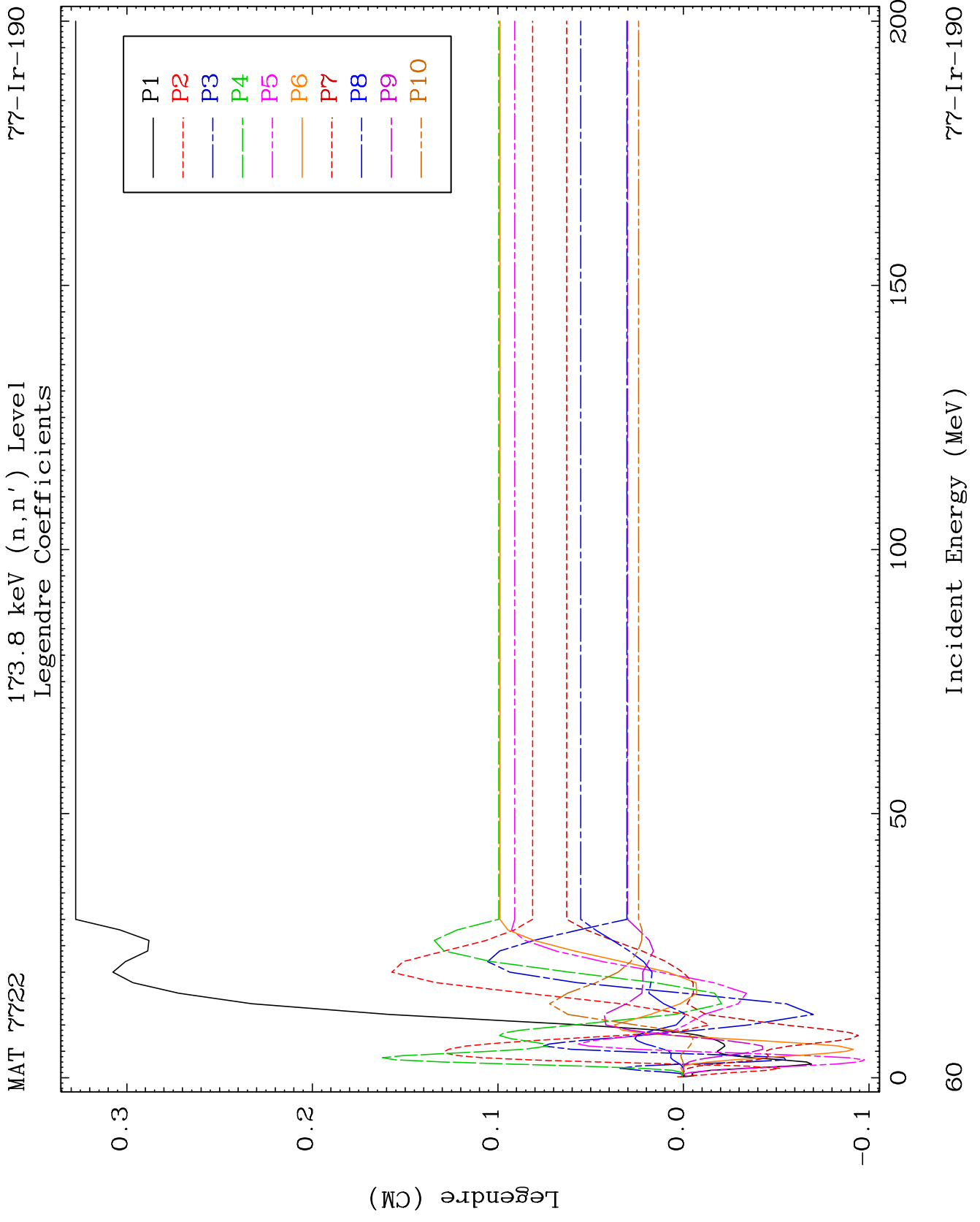
MAT 7722

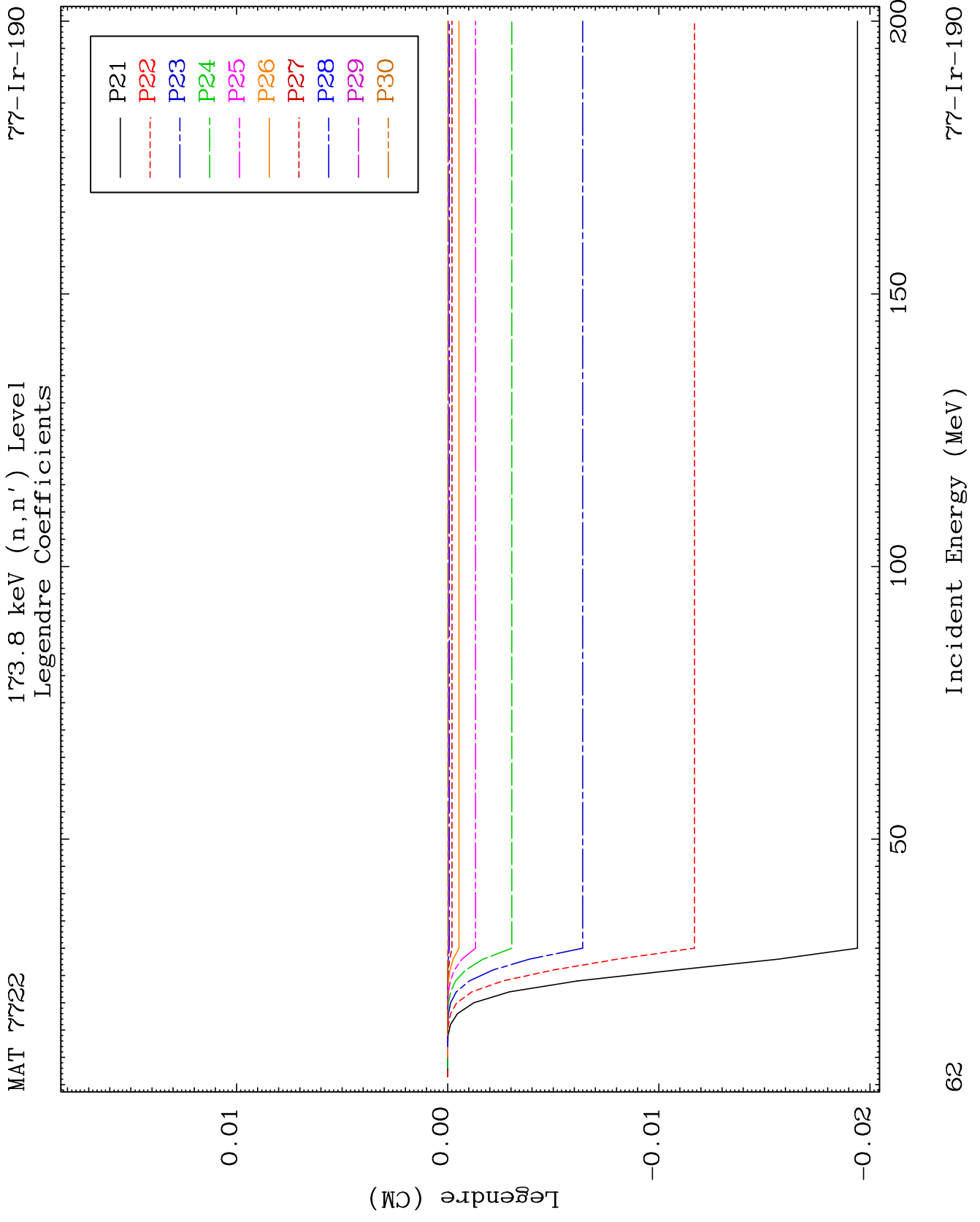
171.5 keV (n,n') Level
Legendre Coefficients

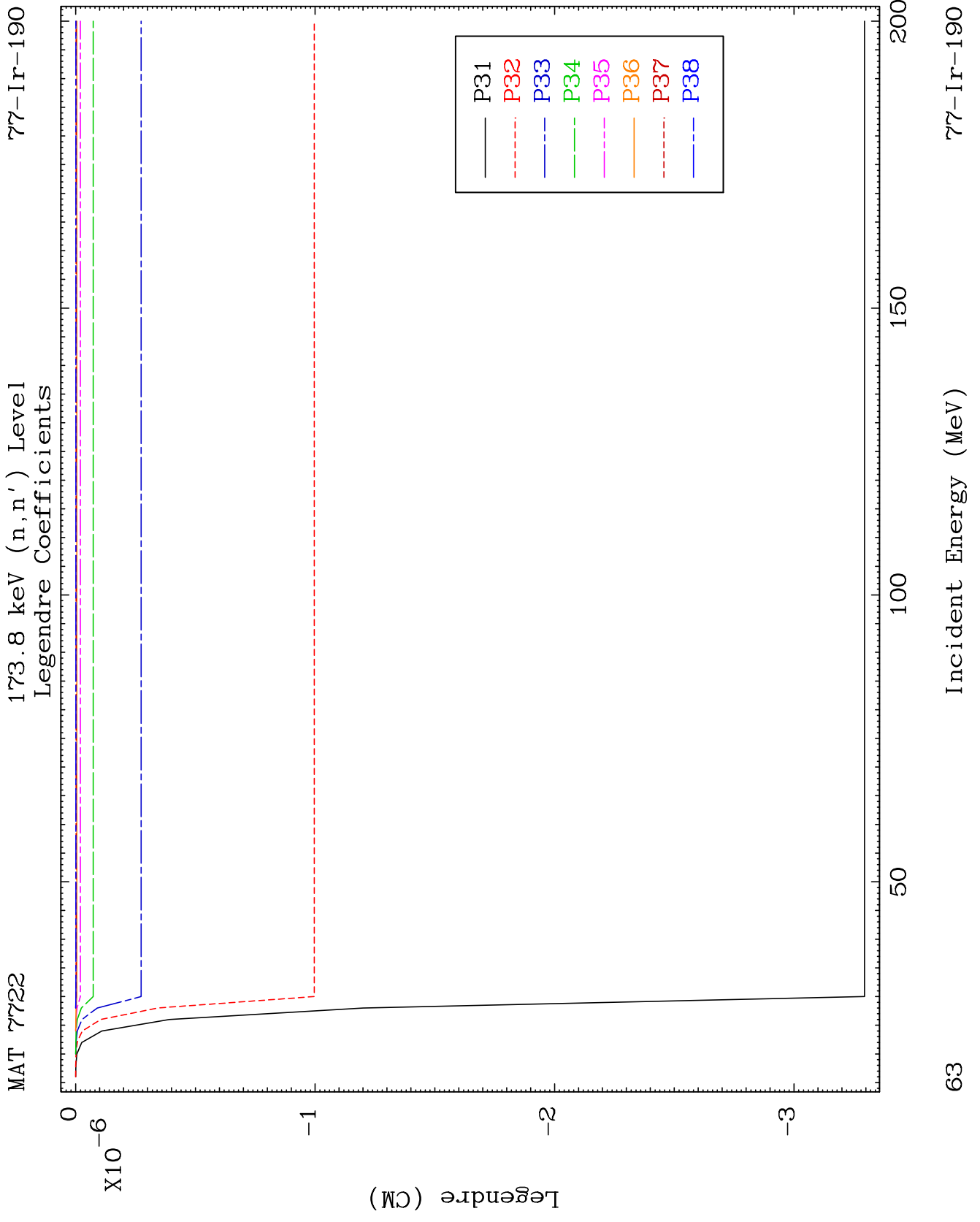
77-Ir-190







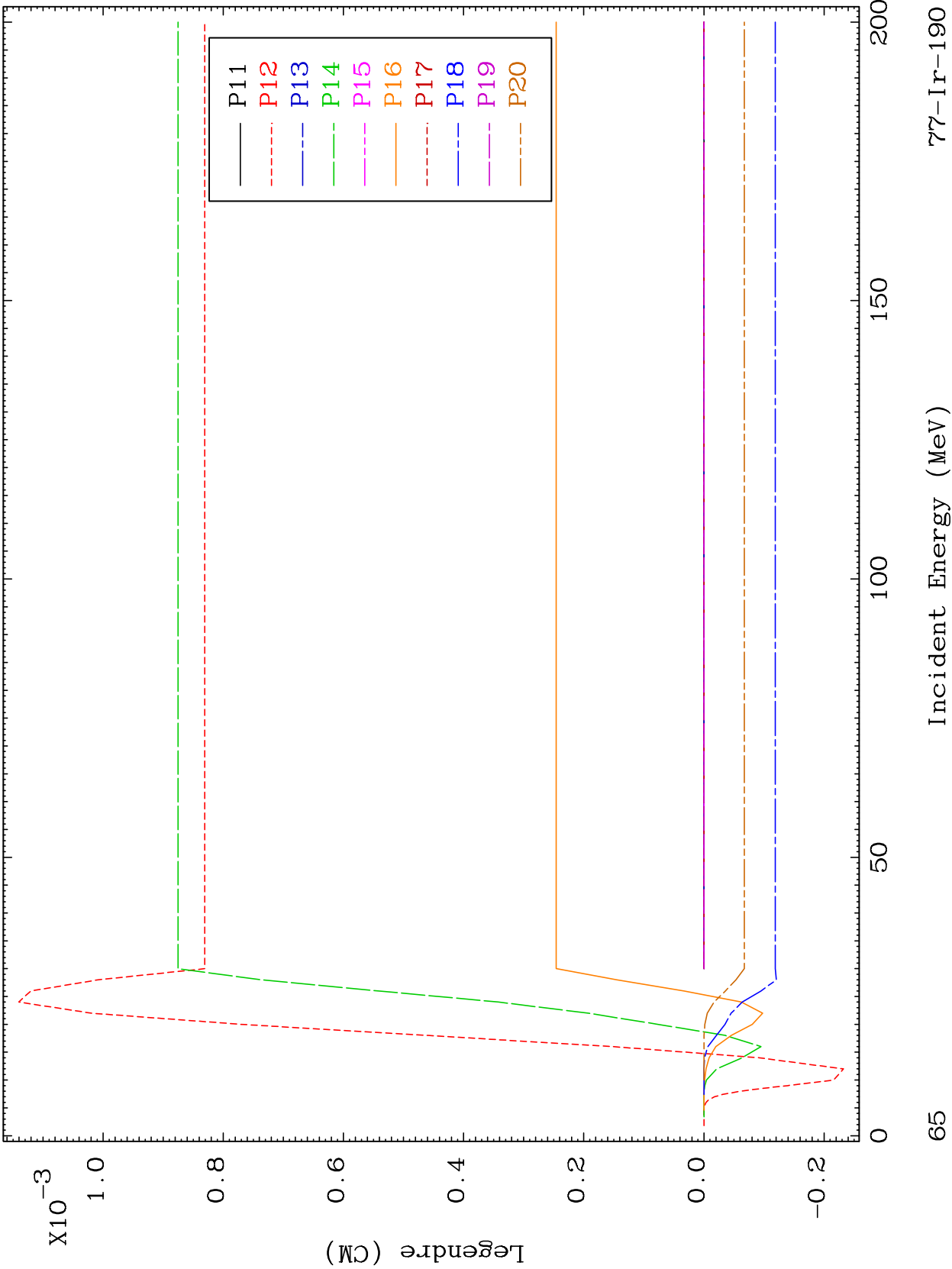




MAT 7722

183.4 keV (n,n') Level
Legendre Coefficients

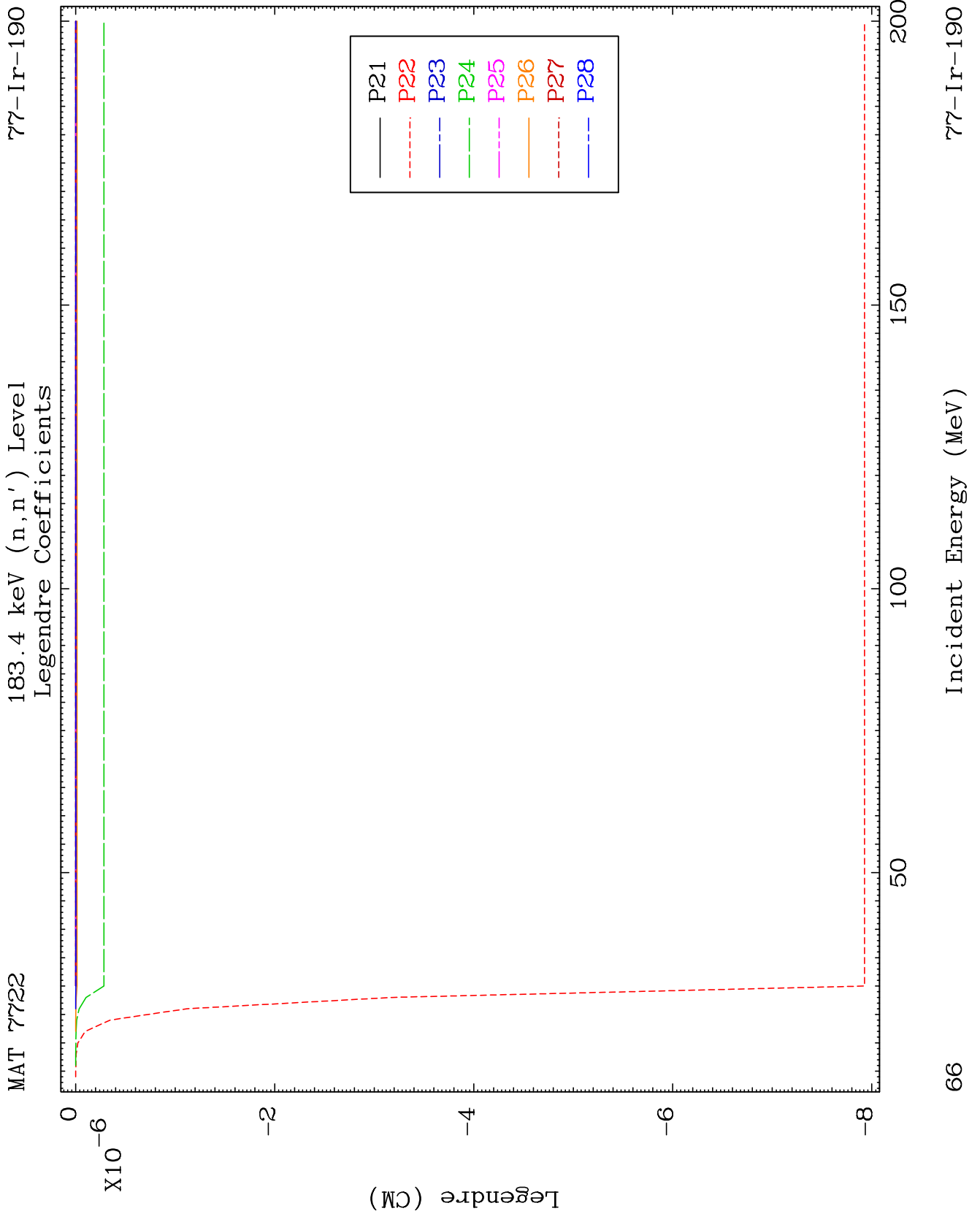
77-Ir-190

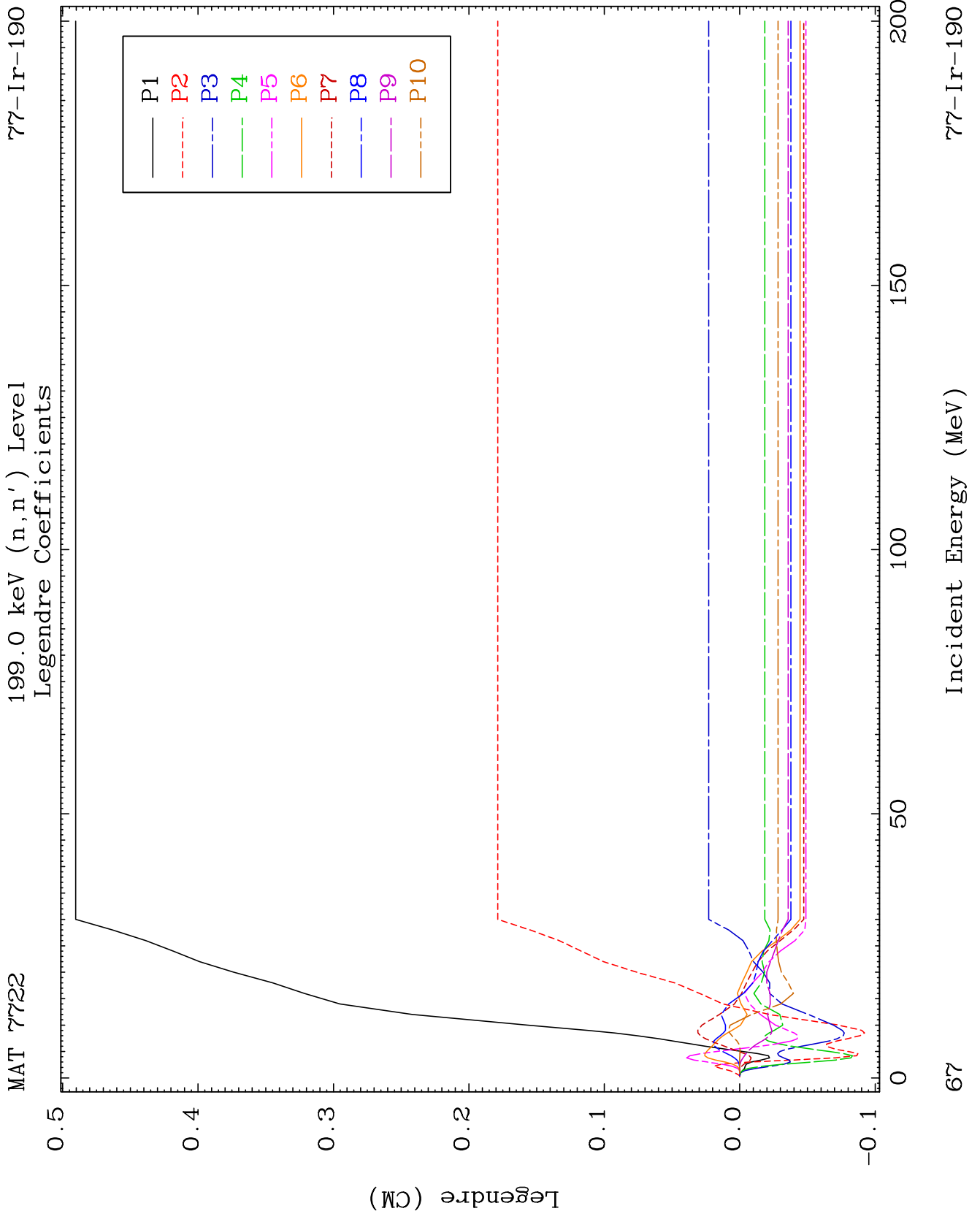


65

Incident Energy (MeV)

77-Ir-190

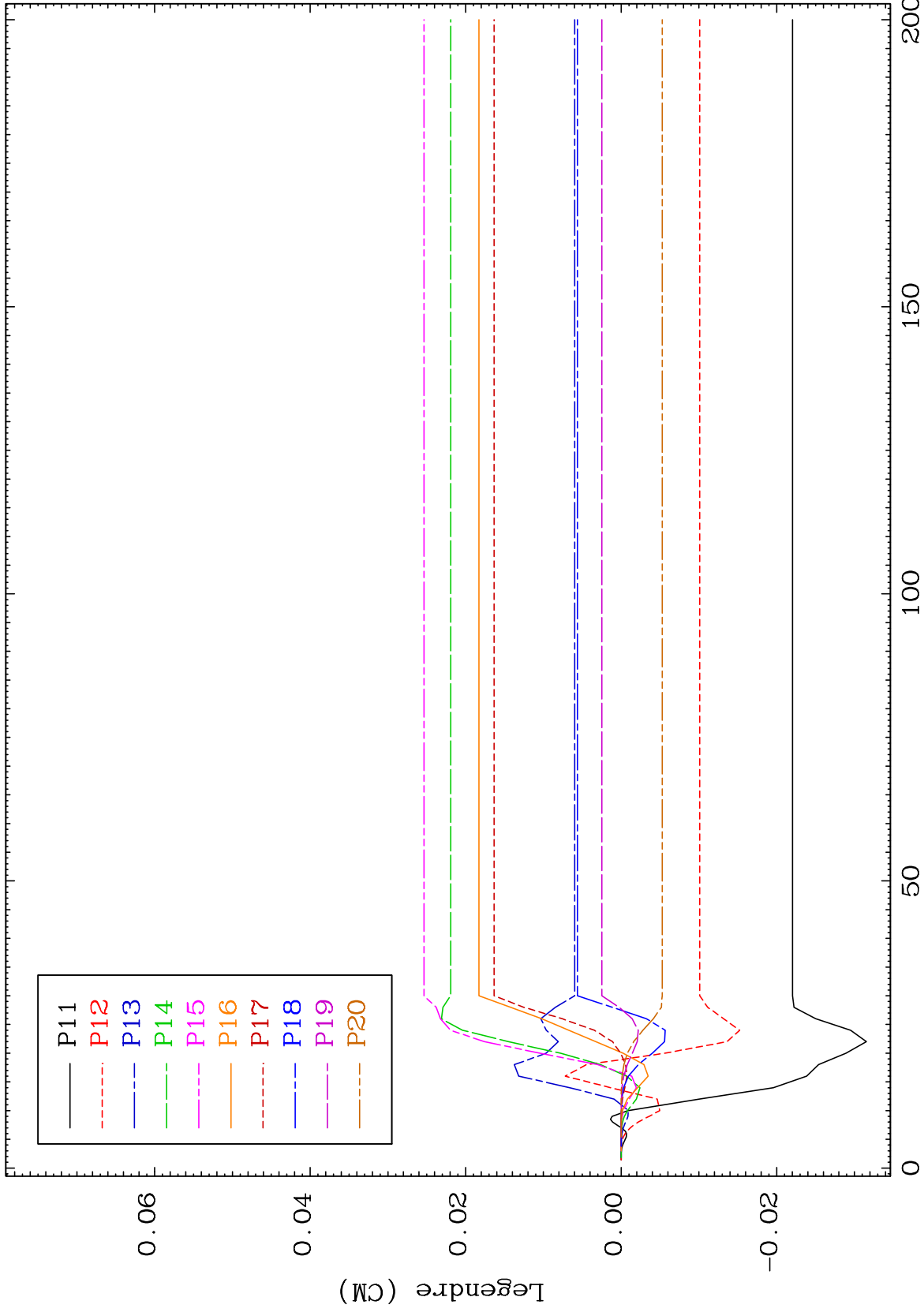




MAT 7722

199.0 keV (n,n') Level
Legendre Coefficients

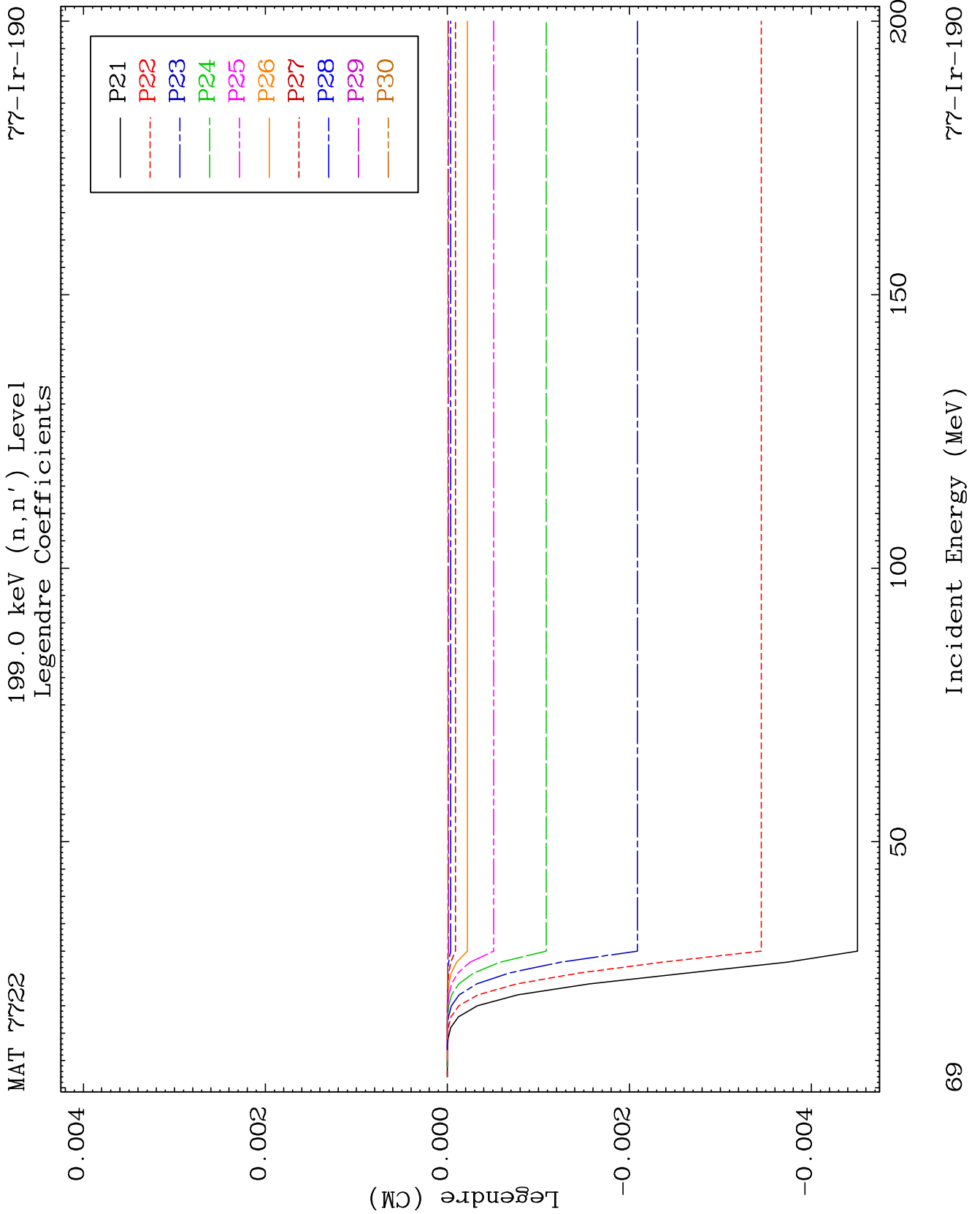
77-Ir-190



68

Incident Energy (MeV)

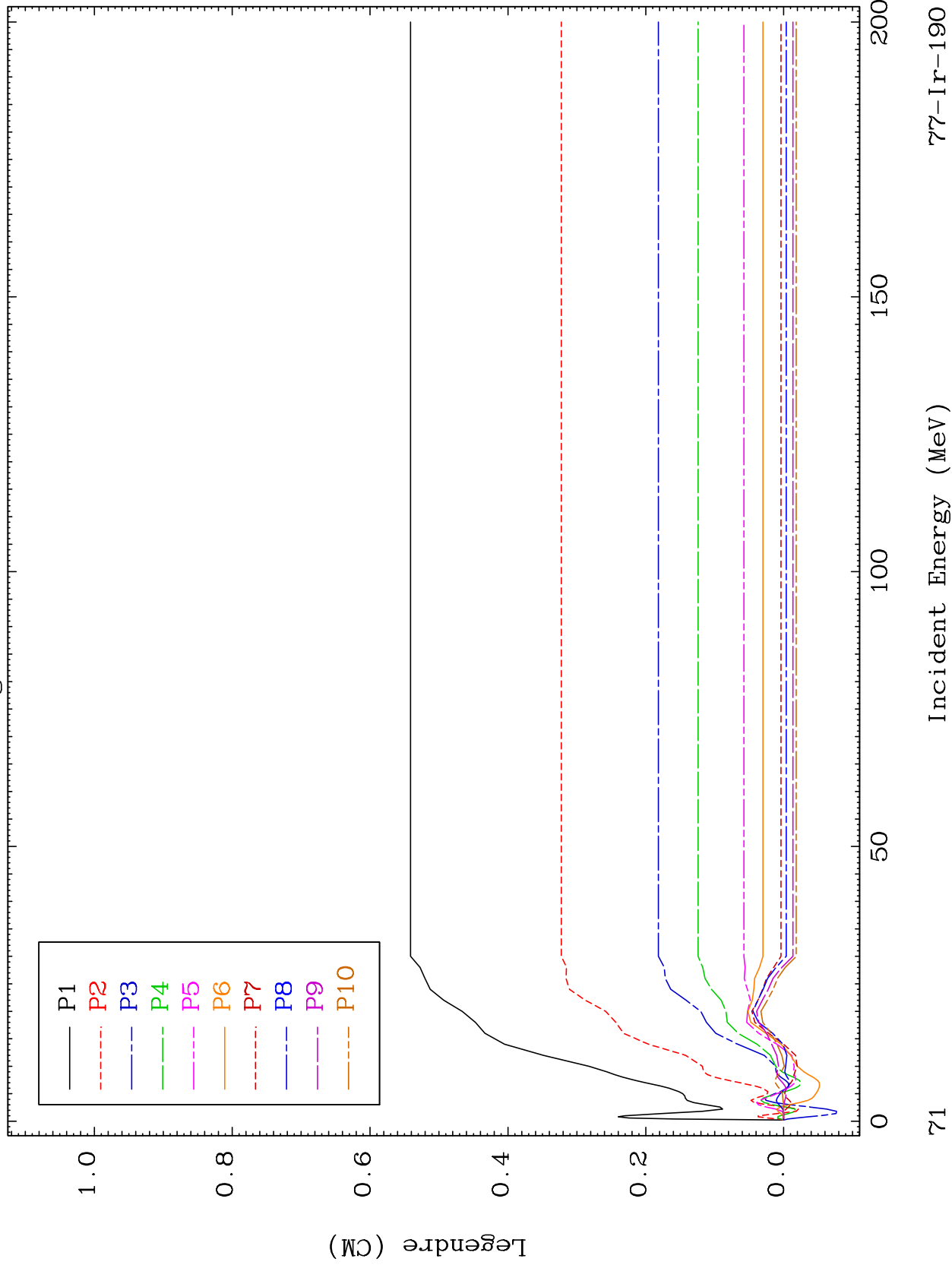
77-Ir-190



MAT 7722

210.3 keV (n,n') Level
Legendre Coefficients

77-Ir-190



77-Ir-190

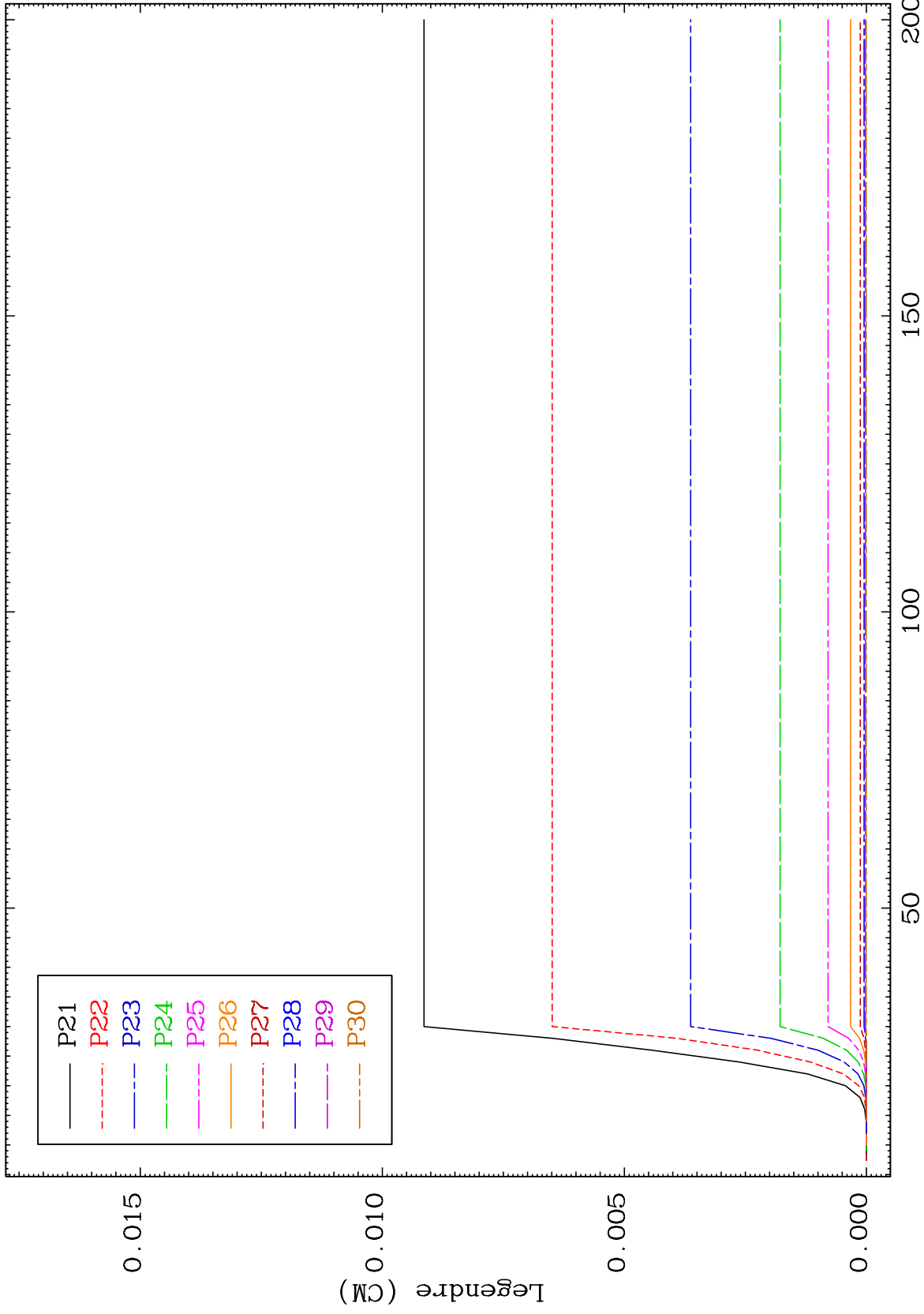
Incident Energy (MeV)

71

MAT 7722

210.3 keV (n,n') Level
Legendre Coefficients

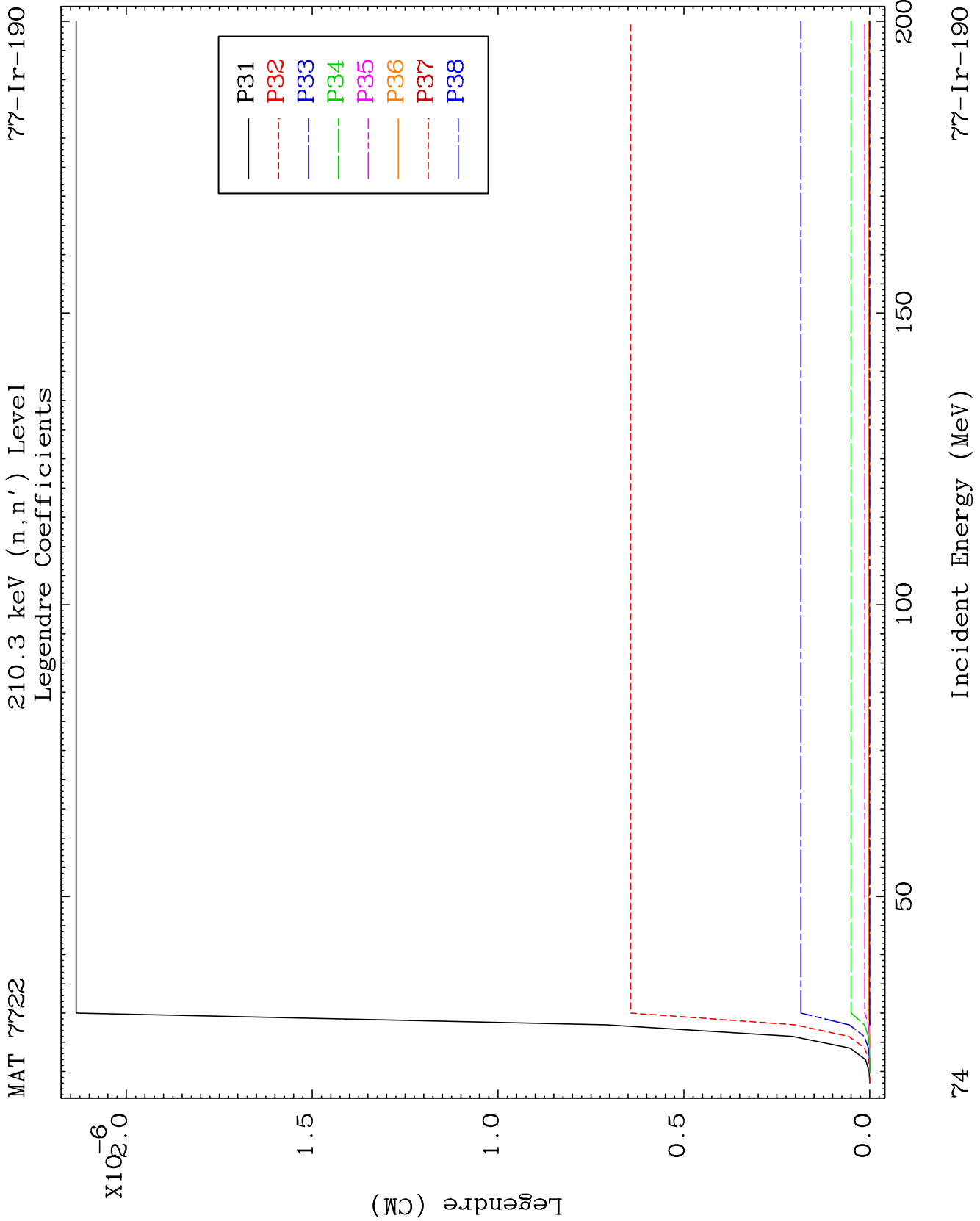
77-Ir-190

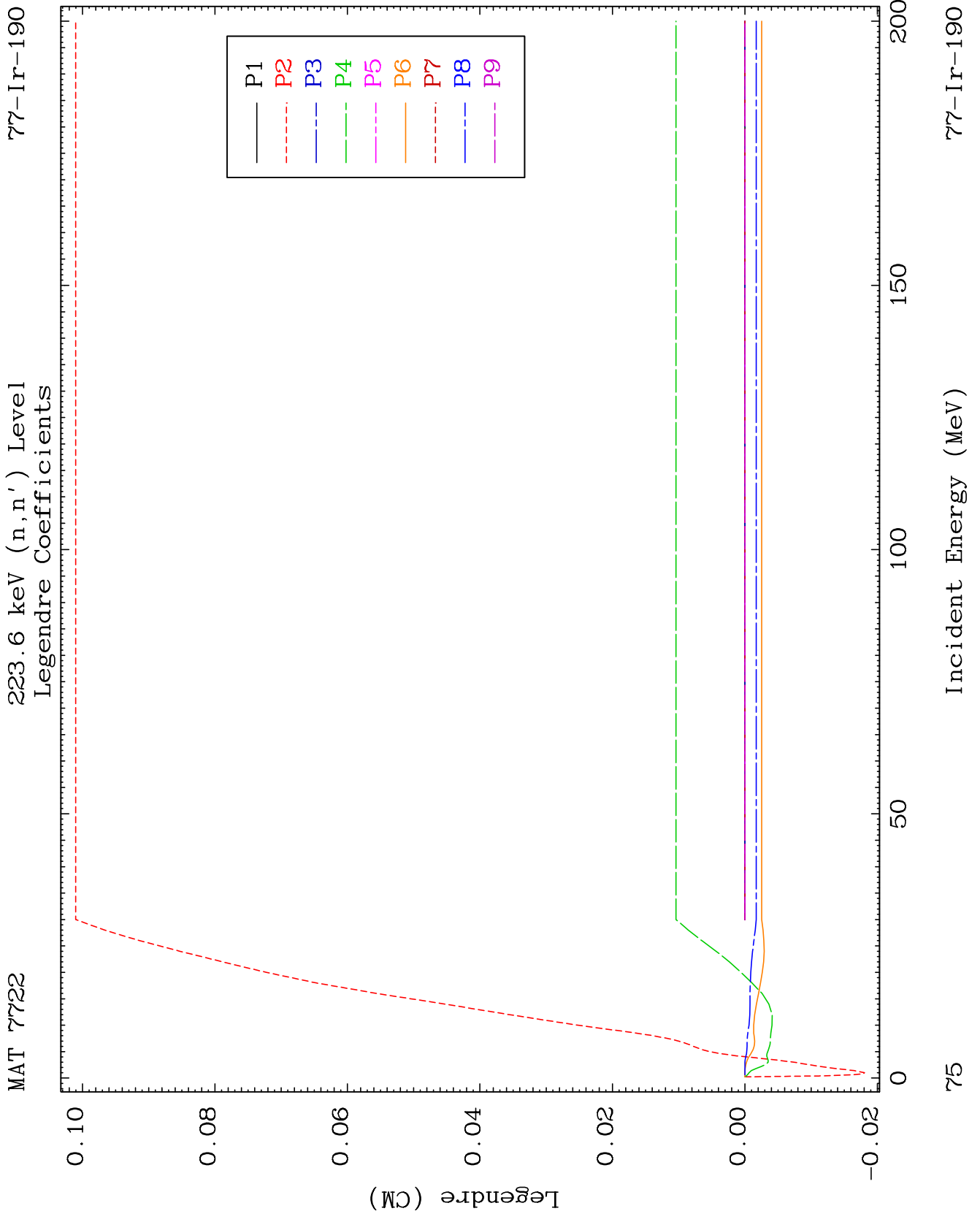


73

Incident Energy (MeV)

77-Ir-190



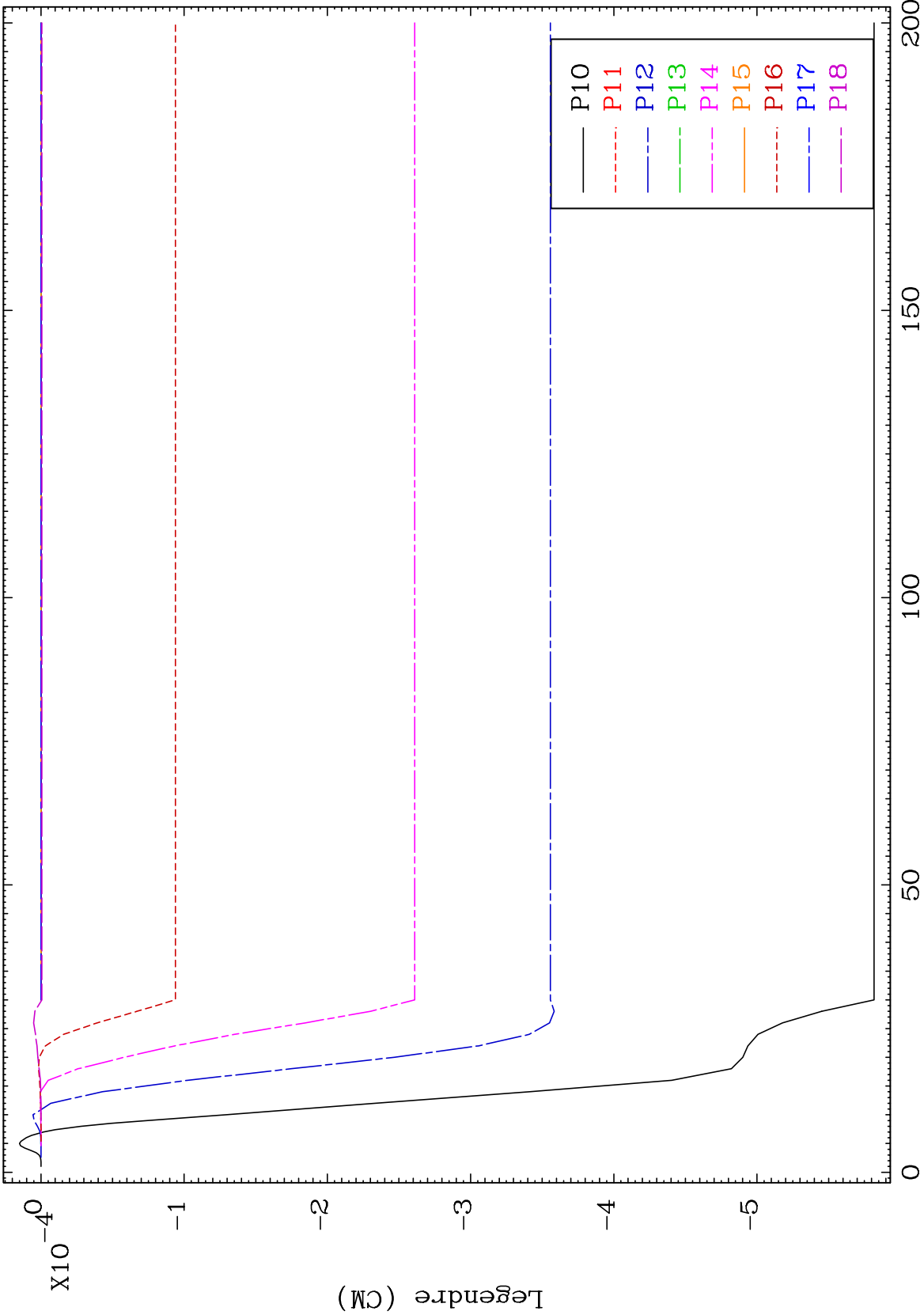


MAT 7722

223.6 keV (n,n') Level

77-Ir-190

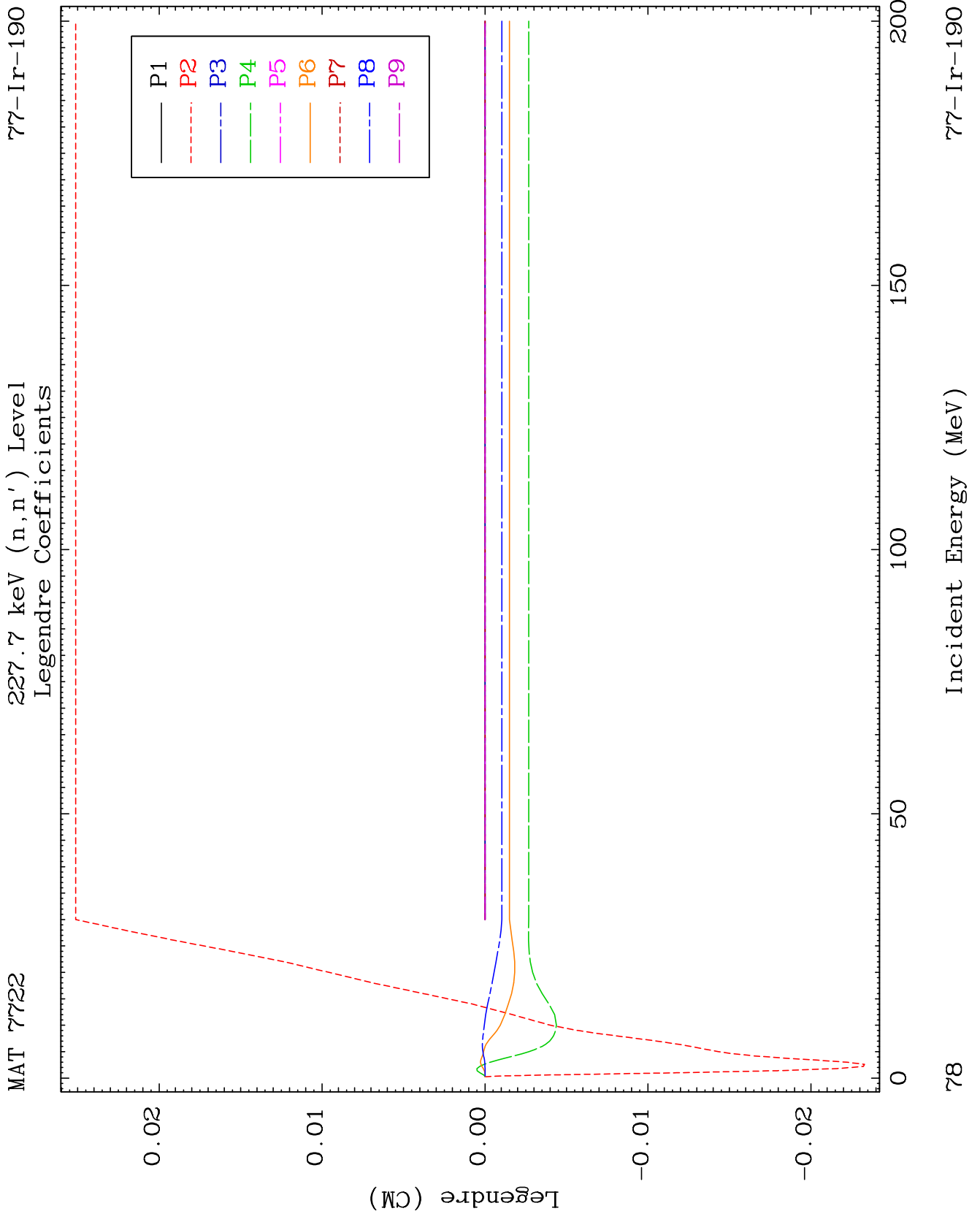
Legendre Coefficients



77-Ir-190

Incident Energy (MeV)

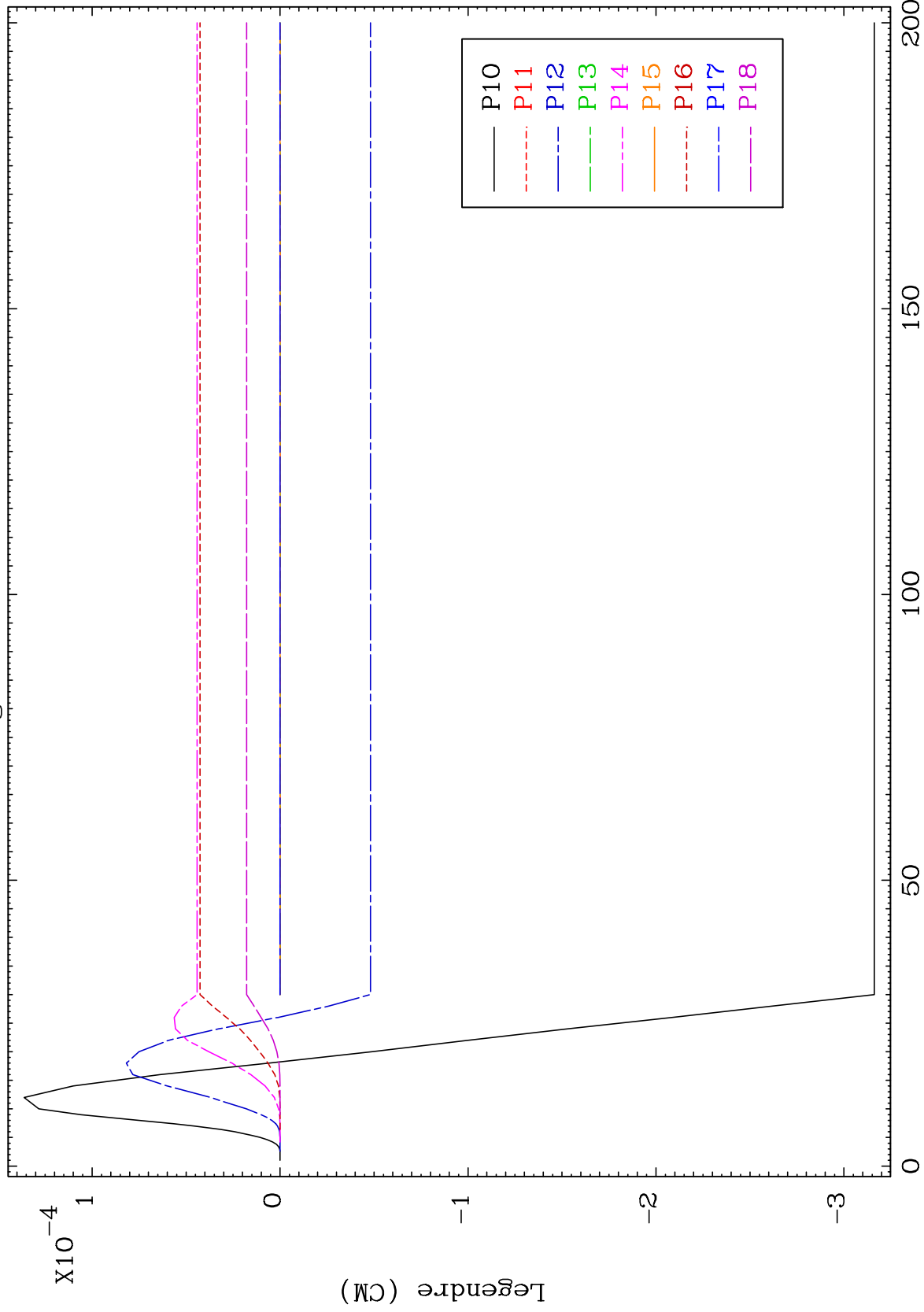
76



MAT 7722

227.7 keV (n,n') Level
Legendre Coefficients

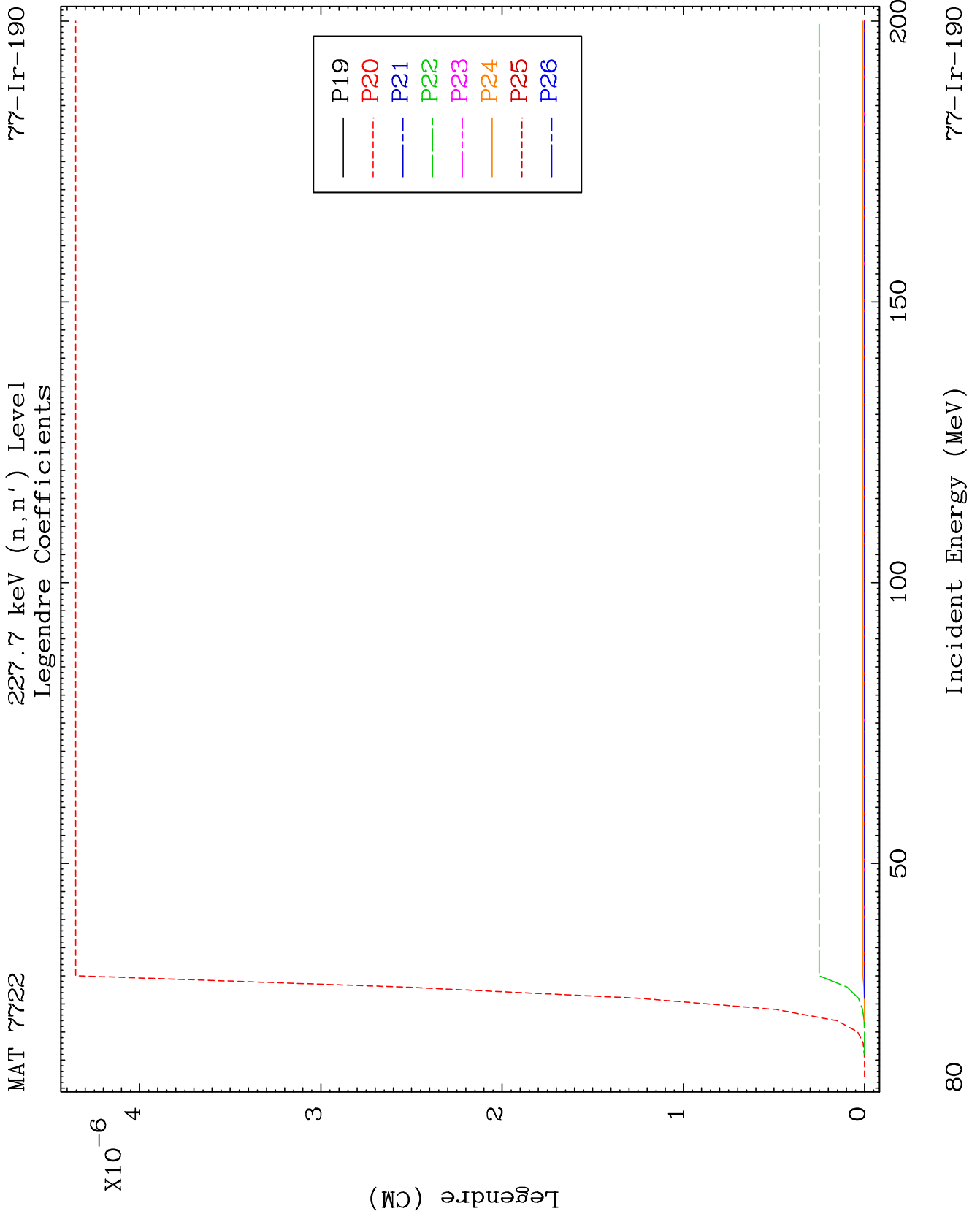
77-Ir-190



79

Incident Energy (MeV)

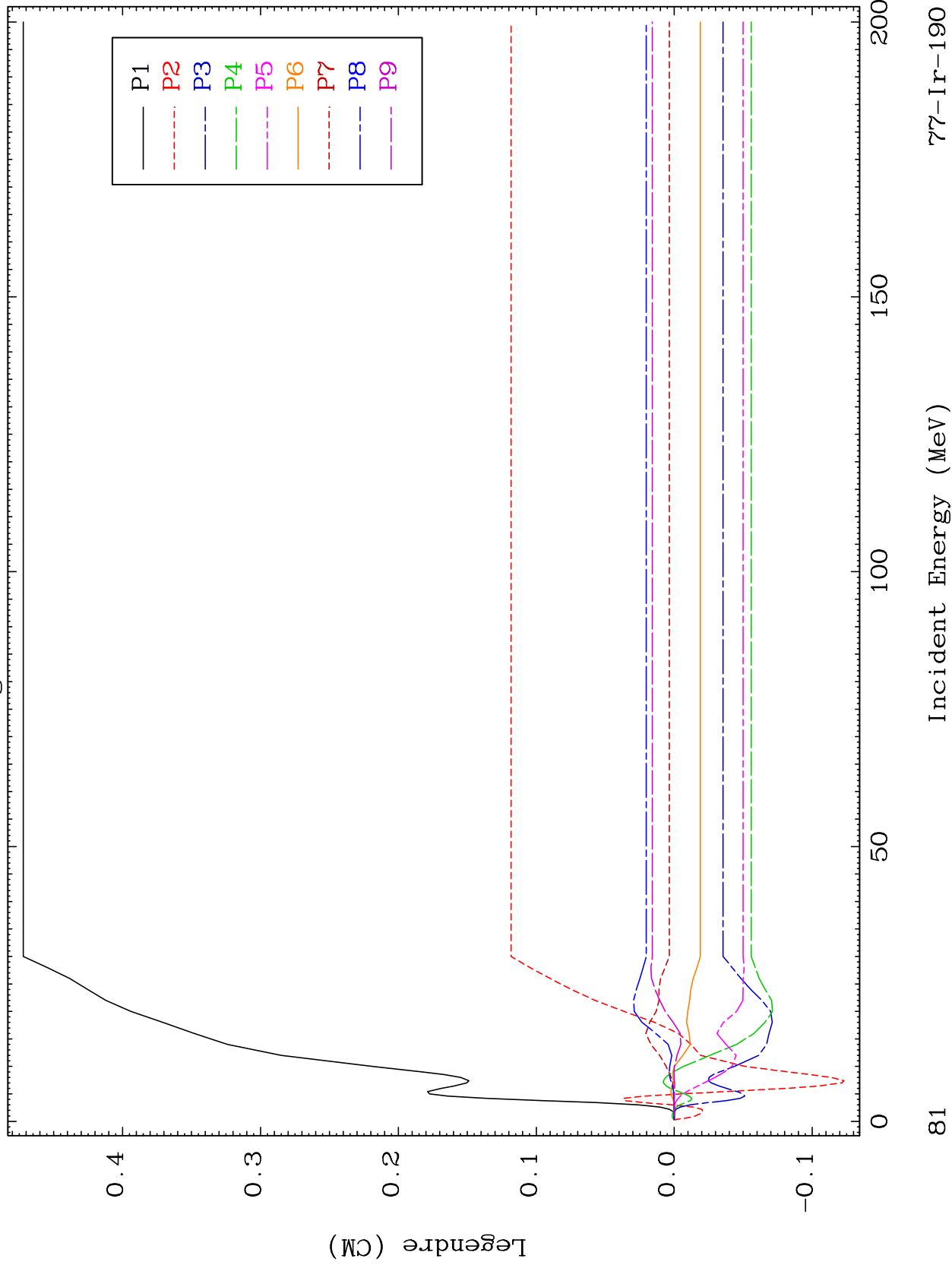
77-Ir-190



MAT 7722

232.8 keV (n,n') Level
Legendre Coefficients

77-Ir-190



77-Ir-190

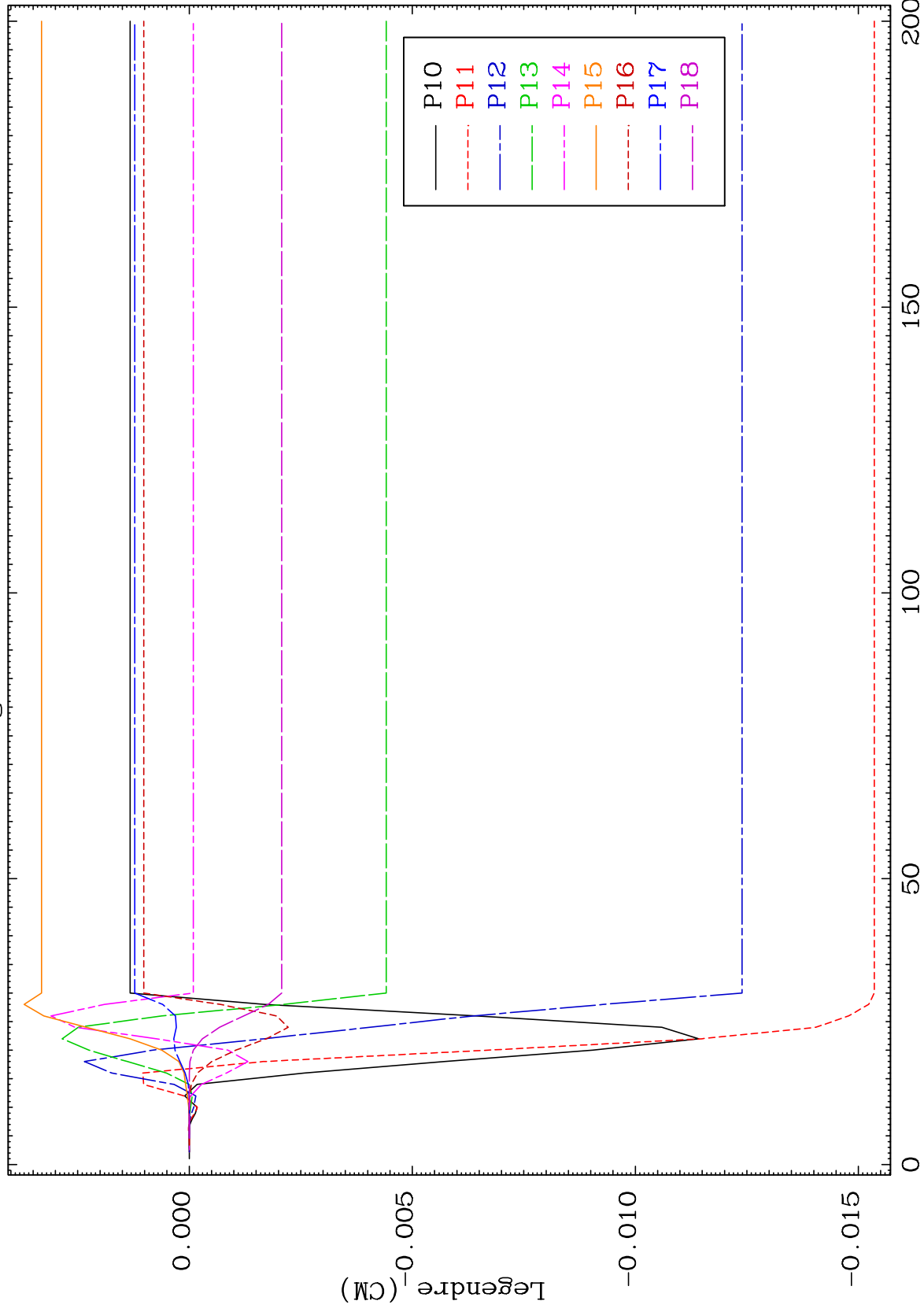
Incident Energy (MeV)

81

MAT 7722

232.8 keV (n,n') Level
Legendre Coefficients

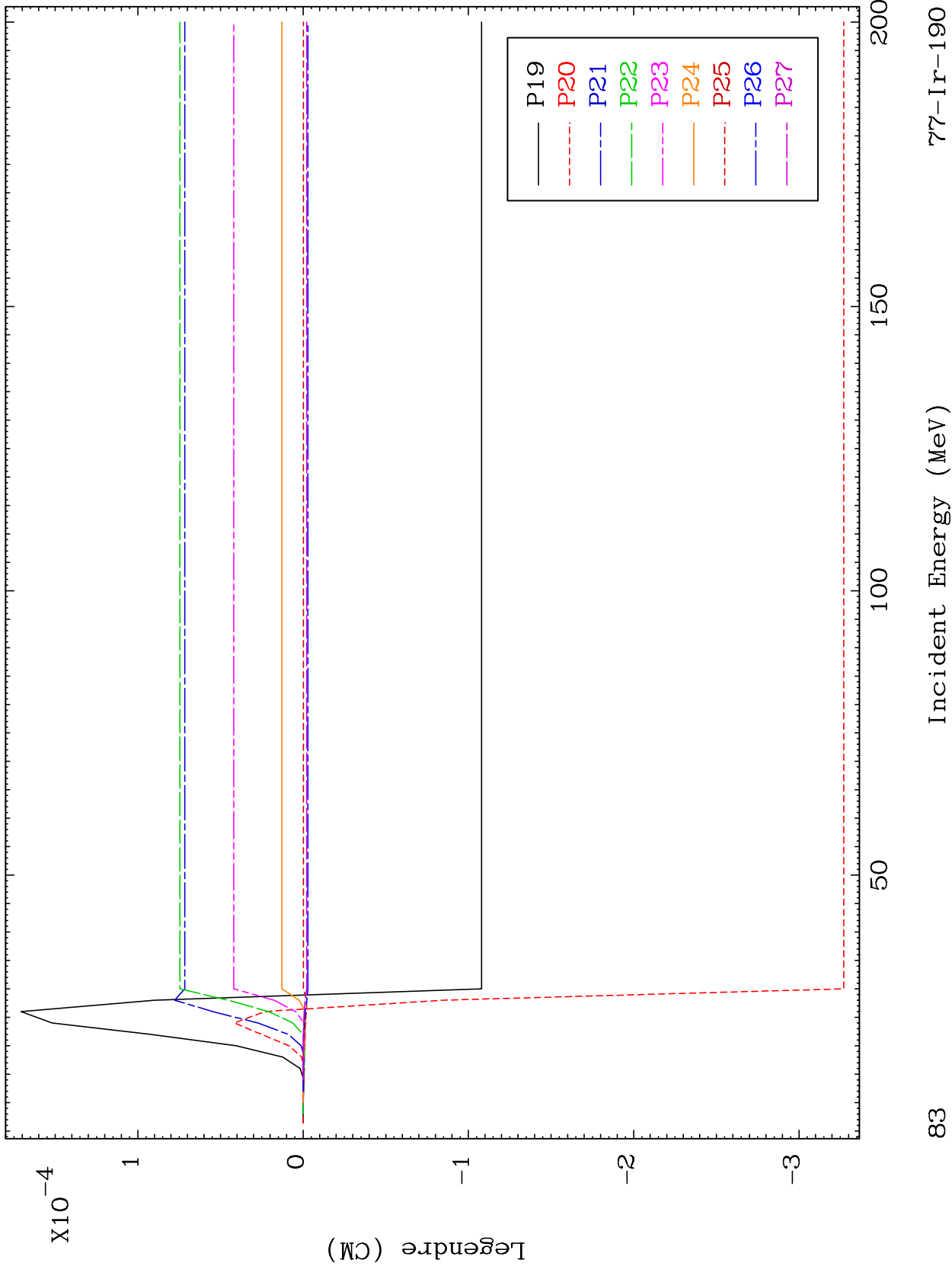
77-Ir-190

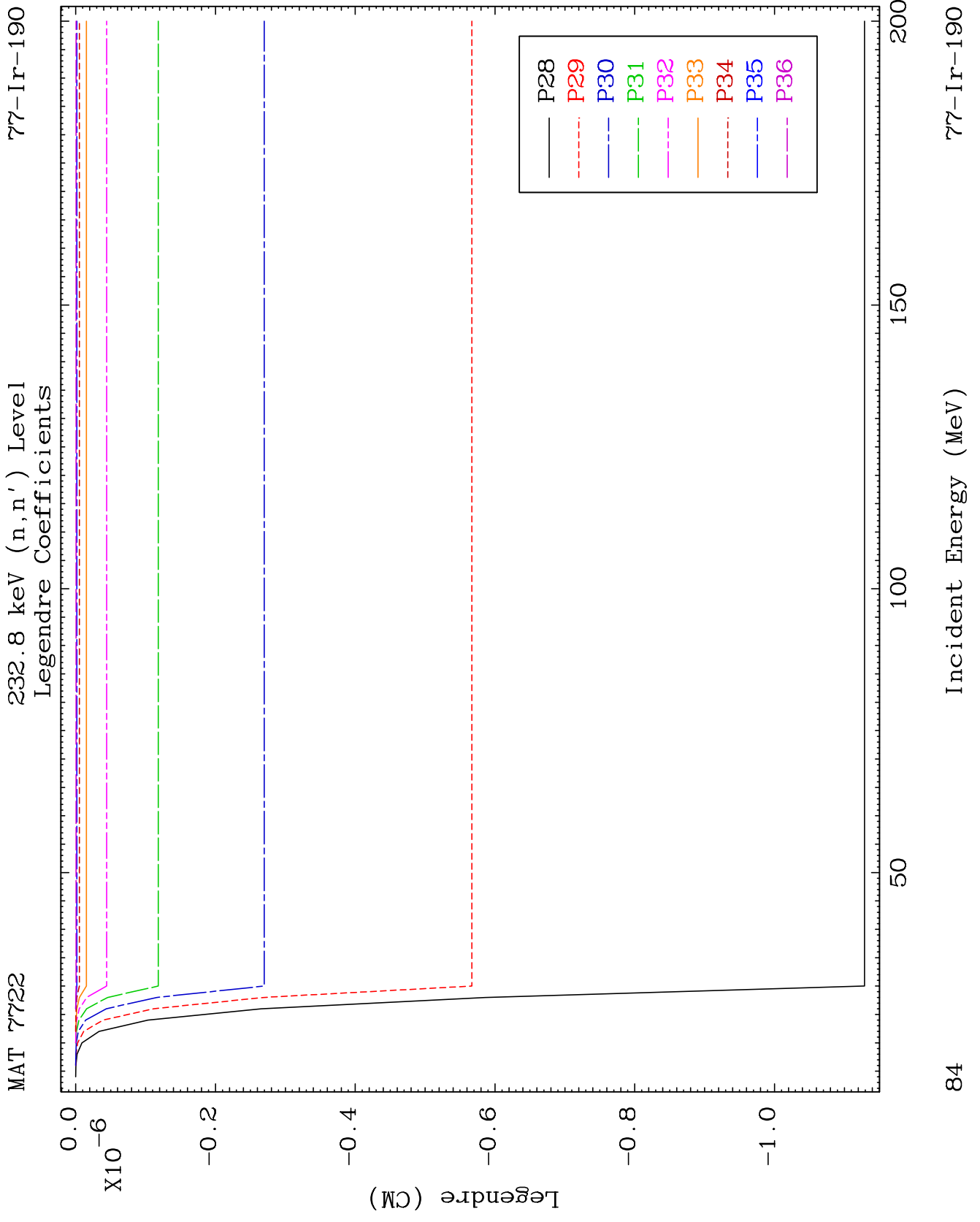


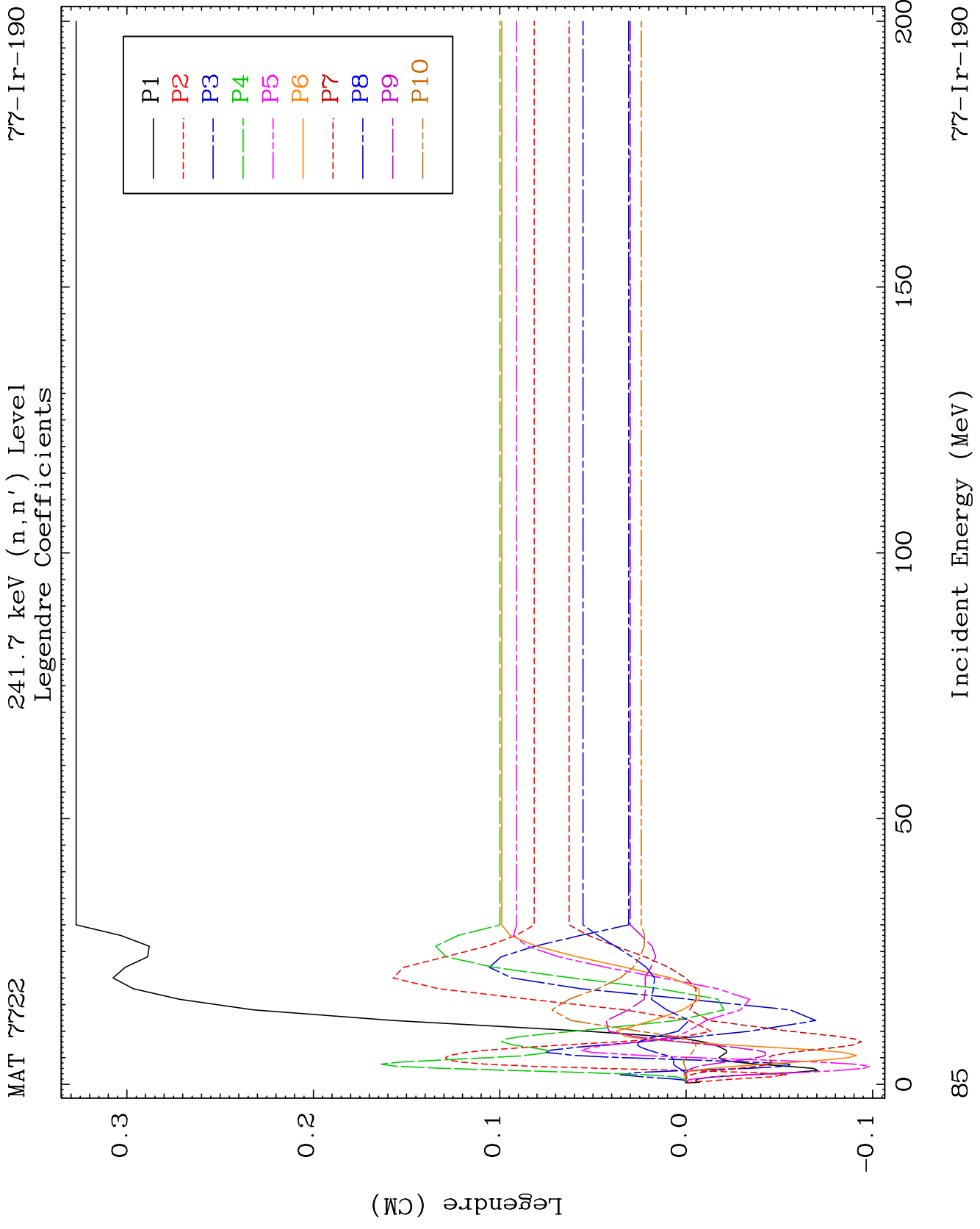
82

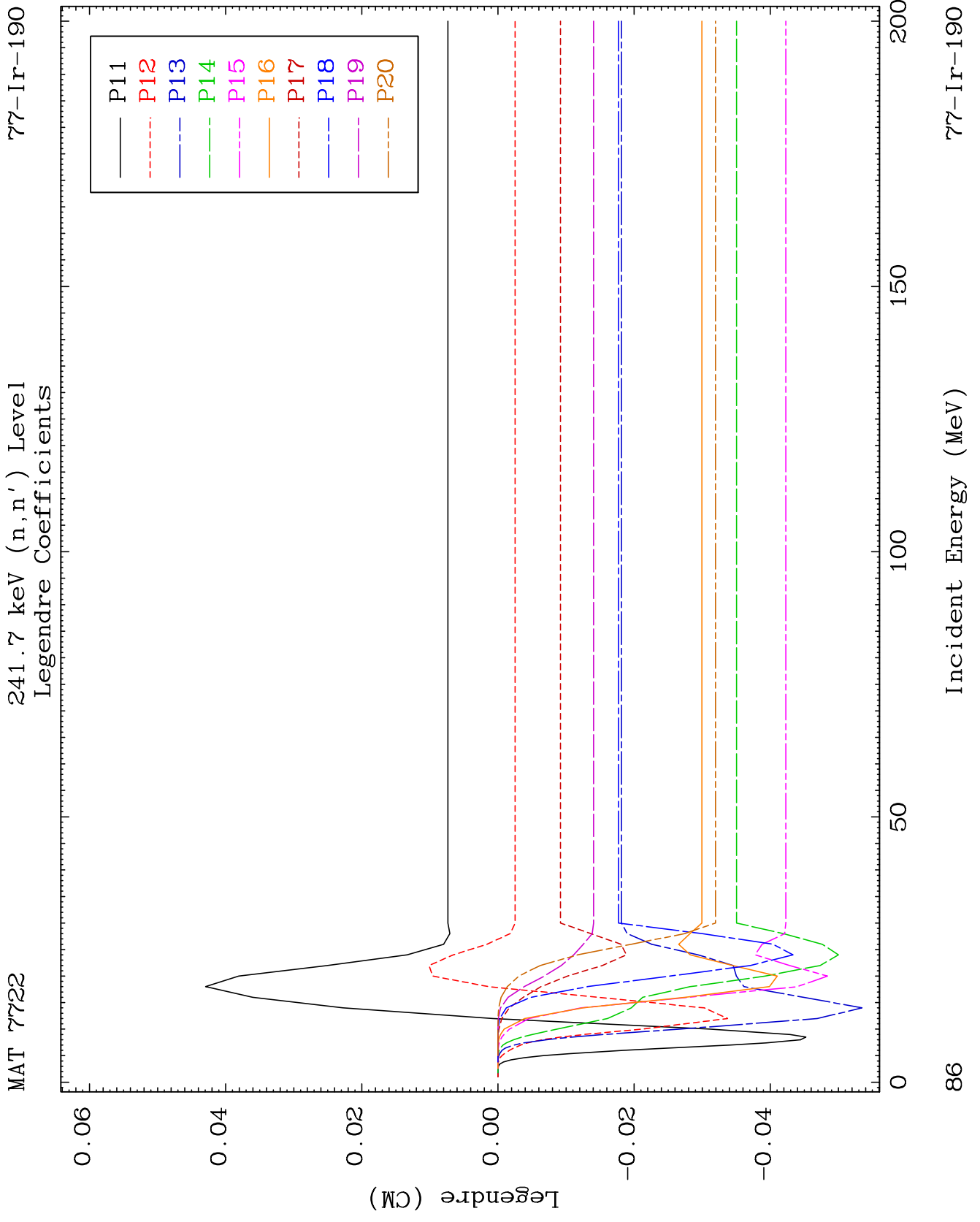
Incident Energy (MeV)

77-Ir-190





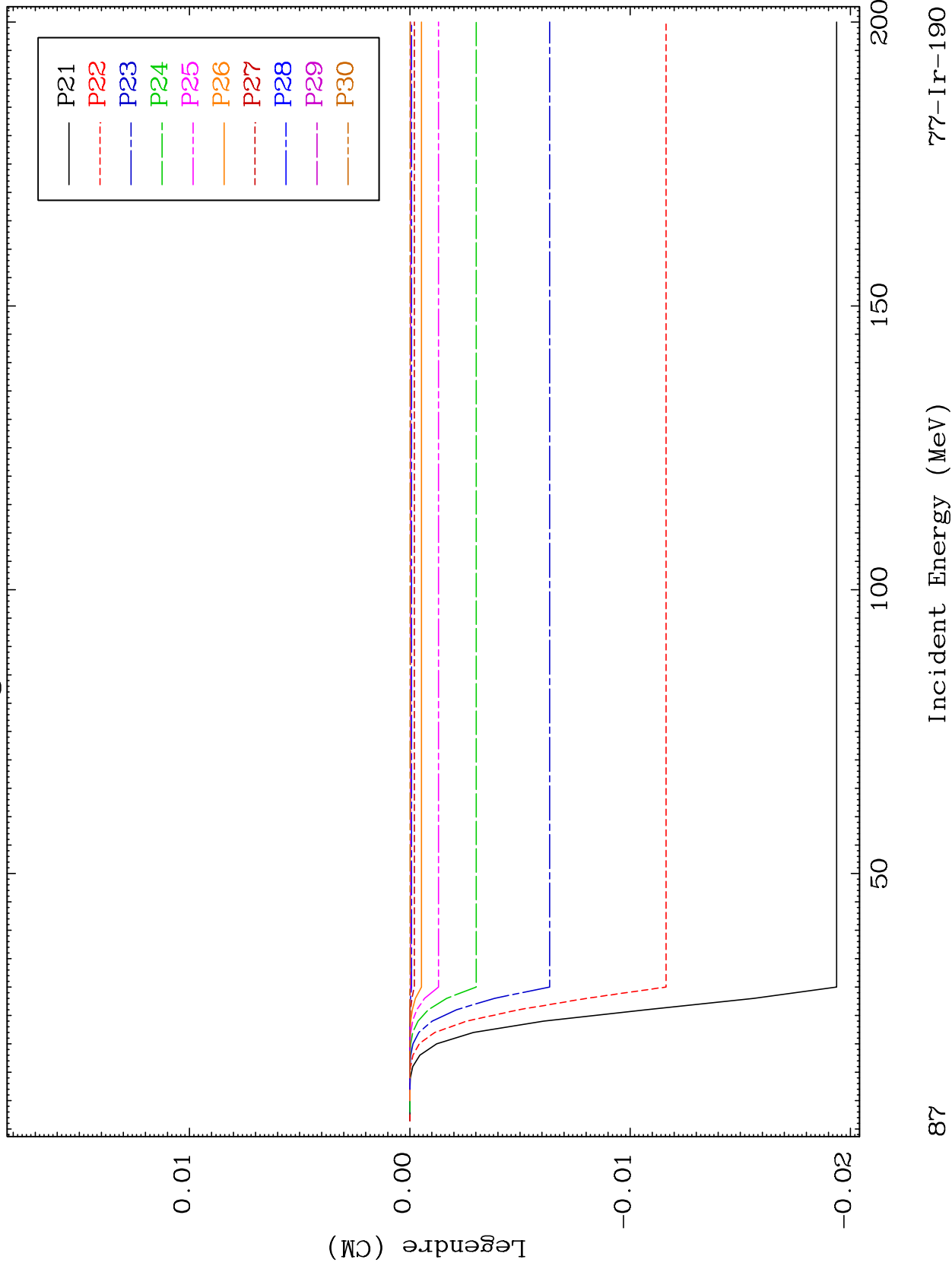




MAT 7722

241.7 keV (n,n') Level
Legendre Coefficients

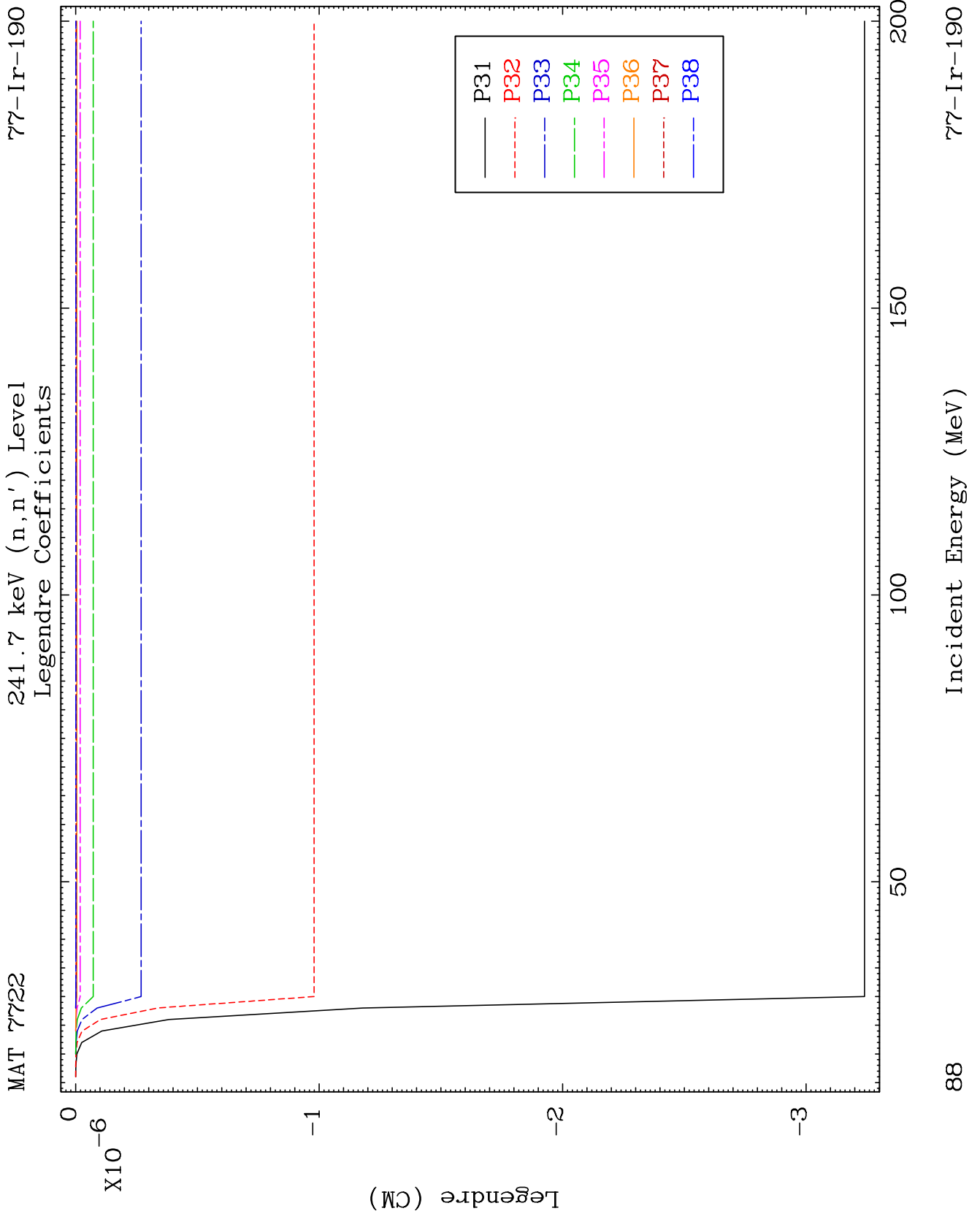
77-Ir-190

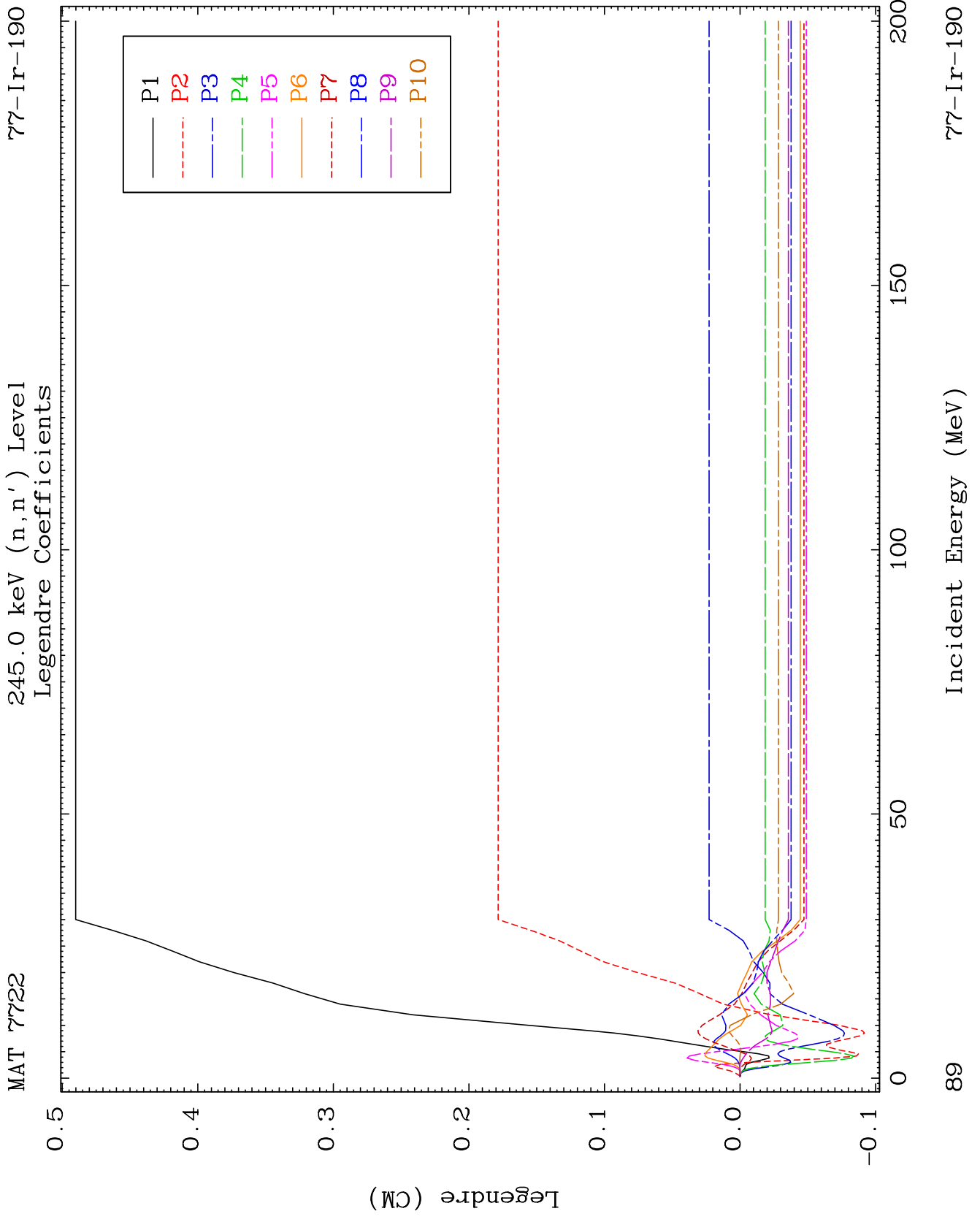


87

Incident Energy (MeV)

77-Ir-190

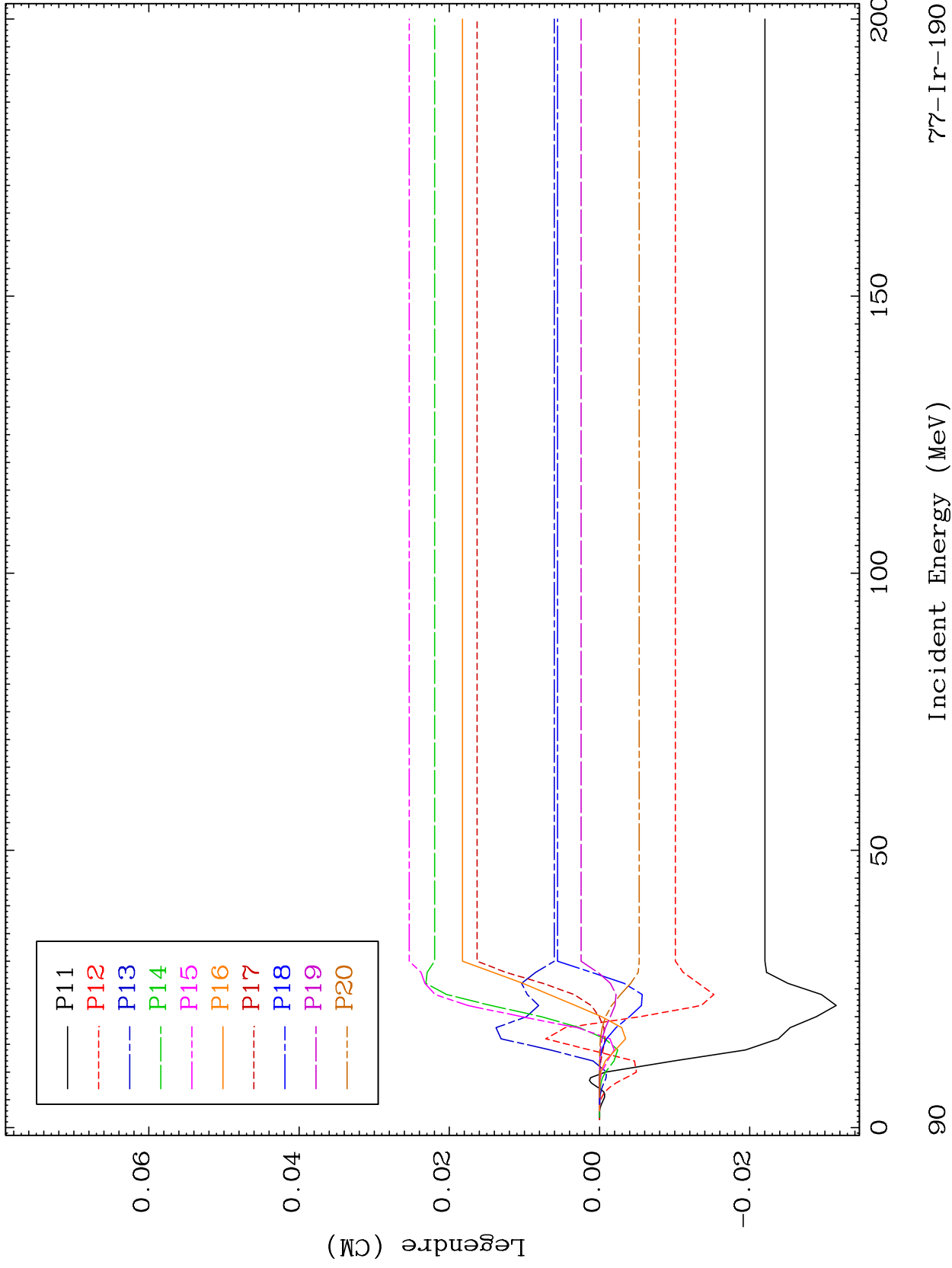




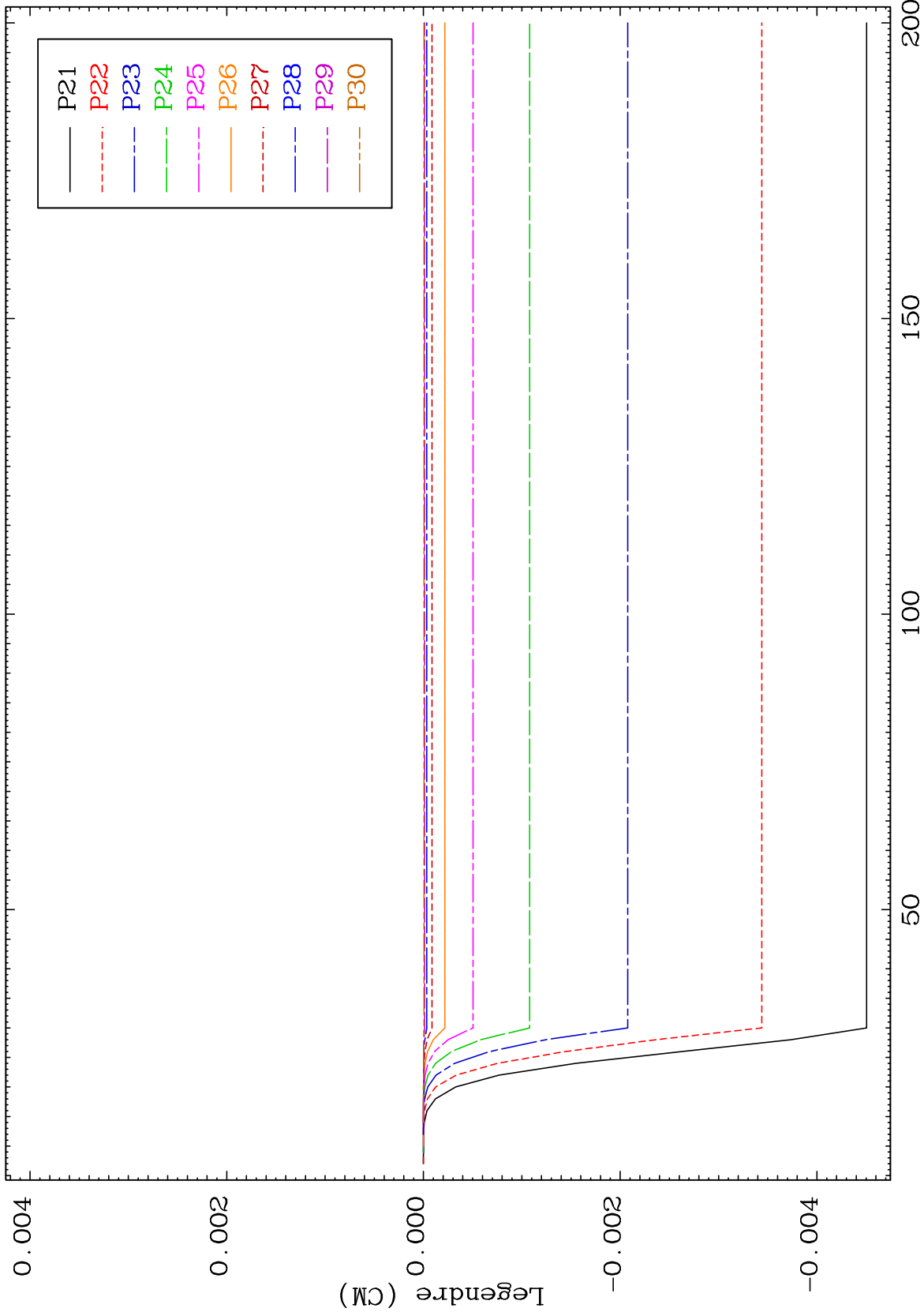
MAT 7722

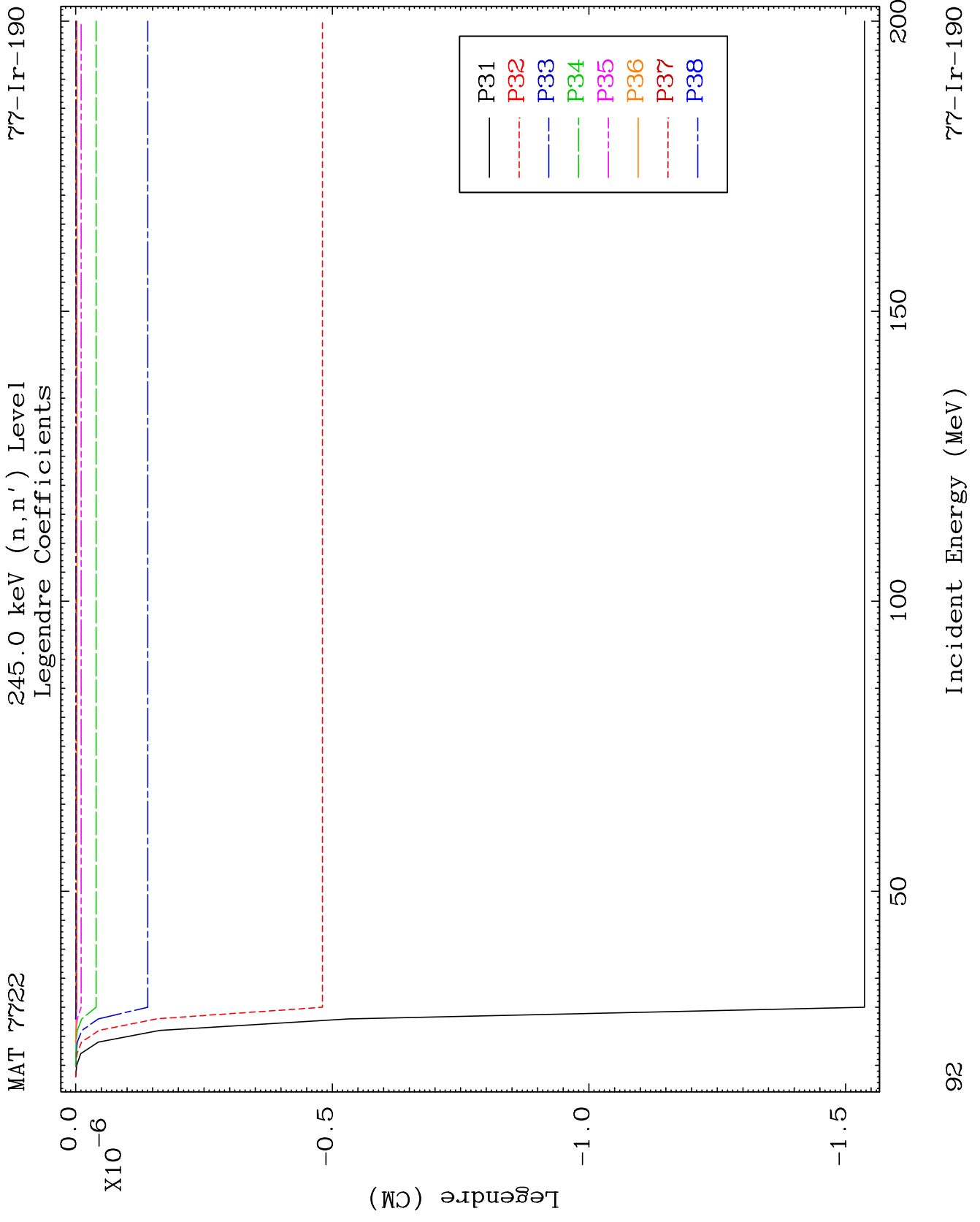
245.0 keV (n,n') Level
Legendre Coefficients

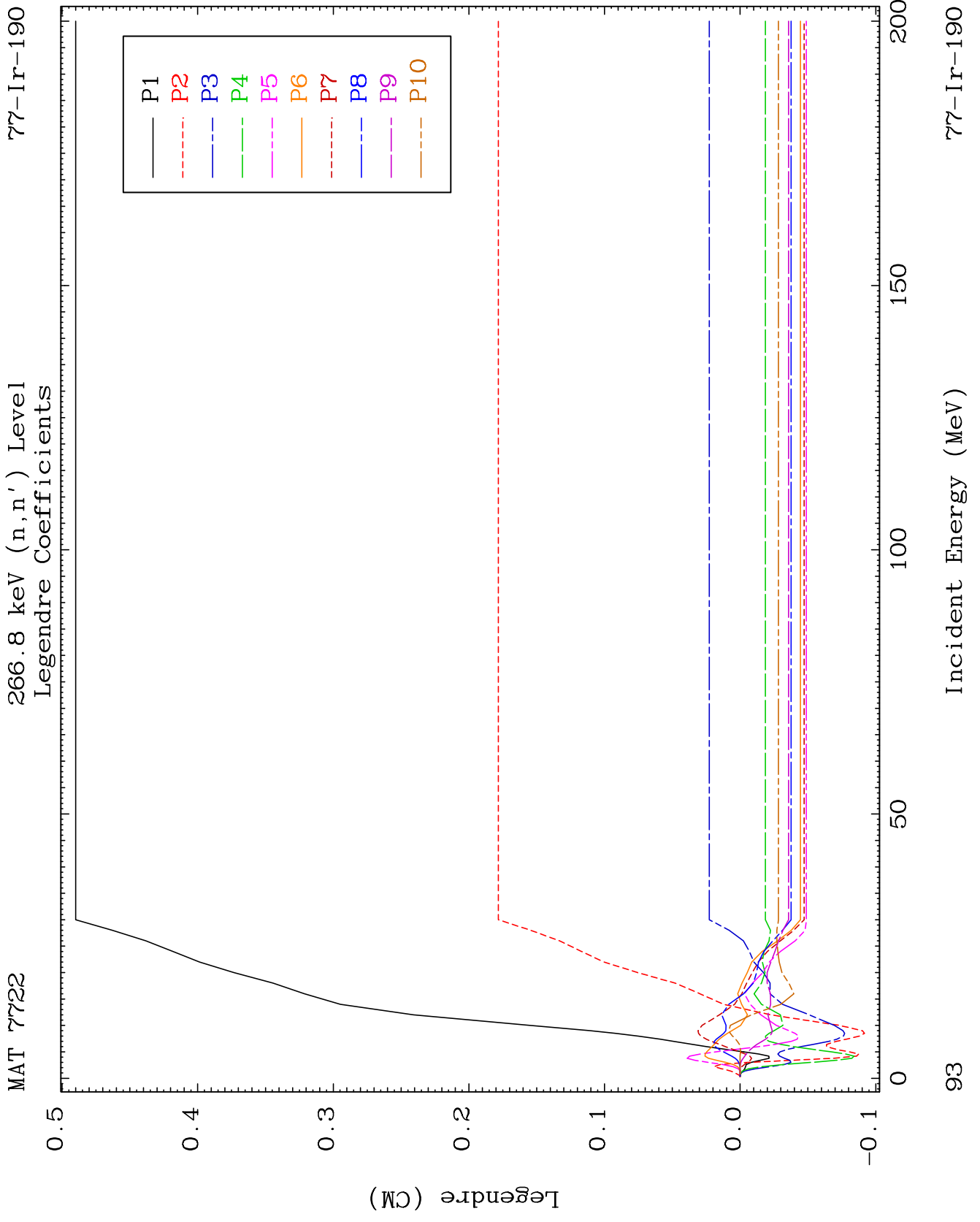
77-Ir-190



77-Ir-190



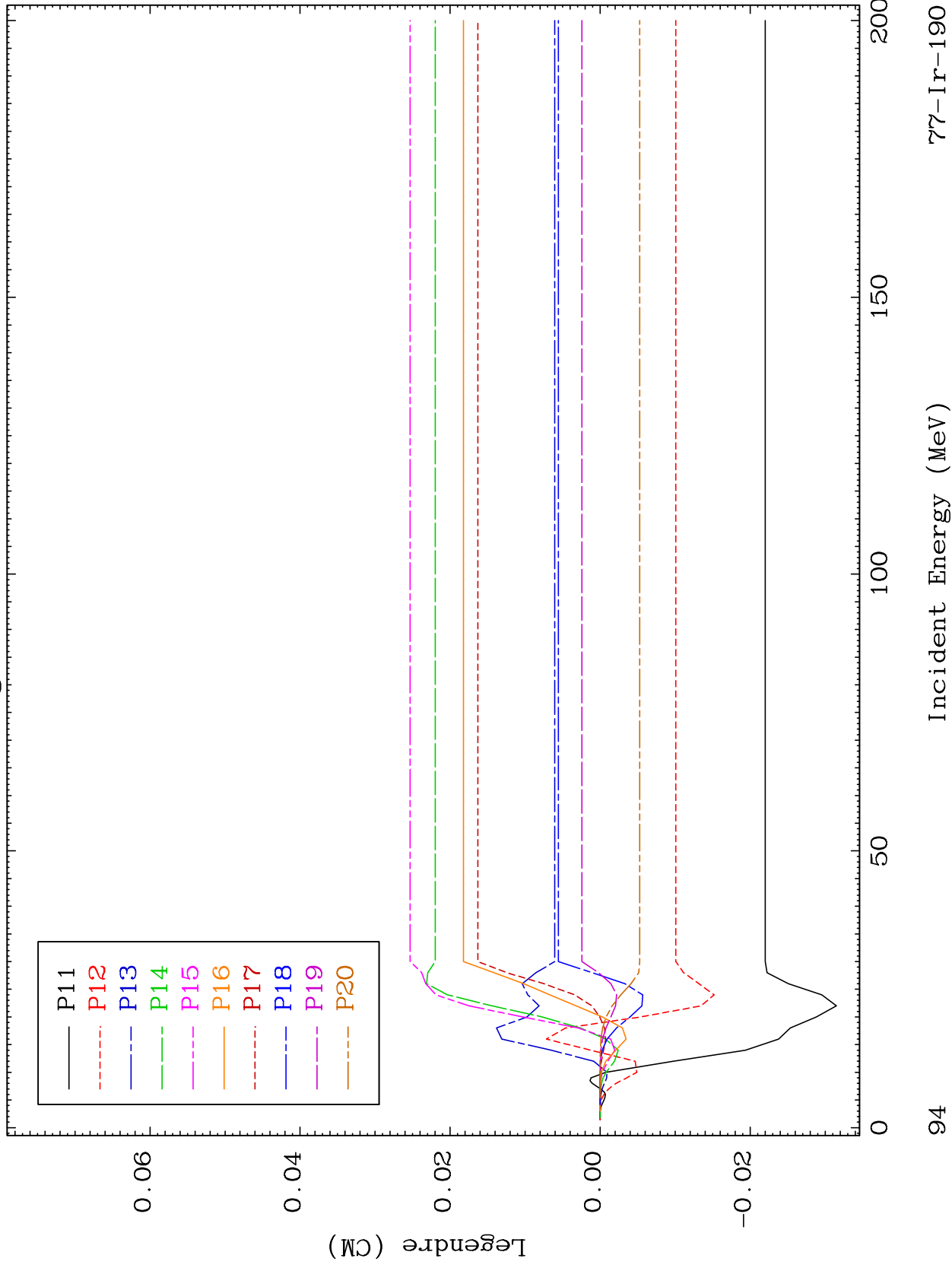




MAT 7722

266.8 keV (n,n') Level
Legendre Coefficients

77-Ir-190



94

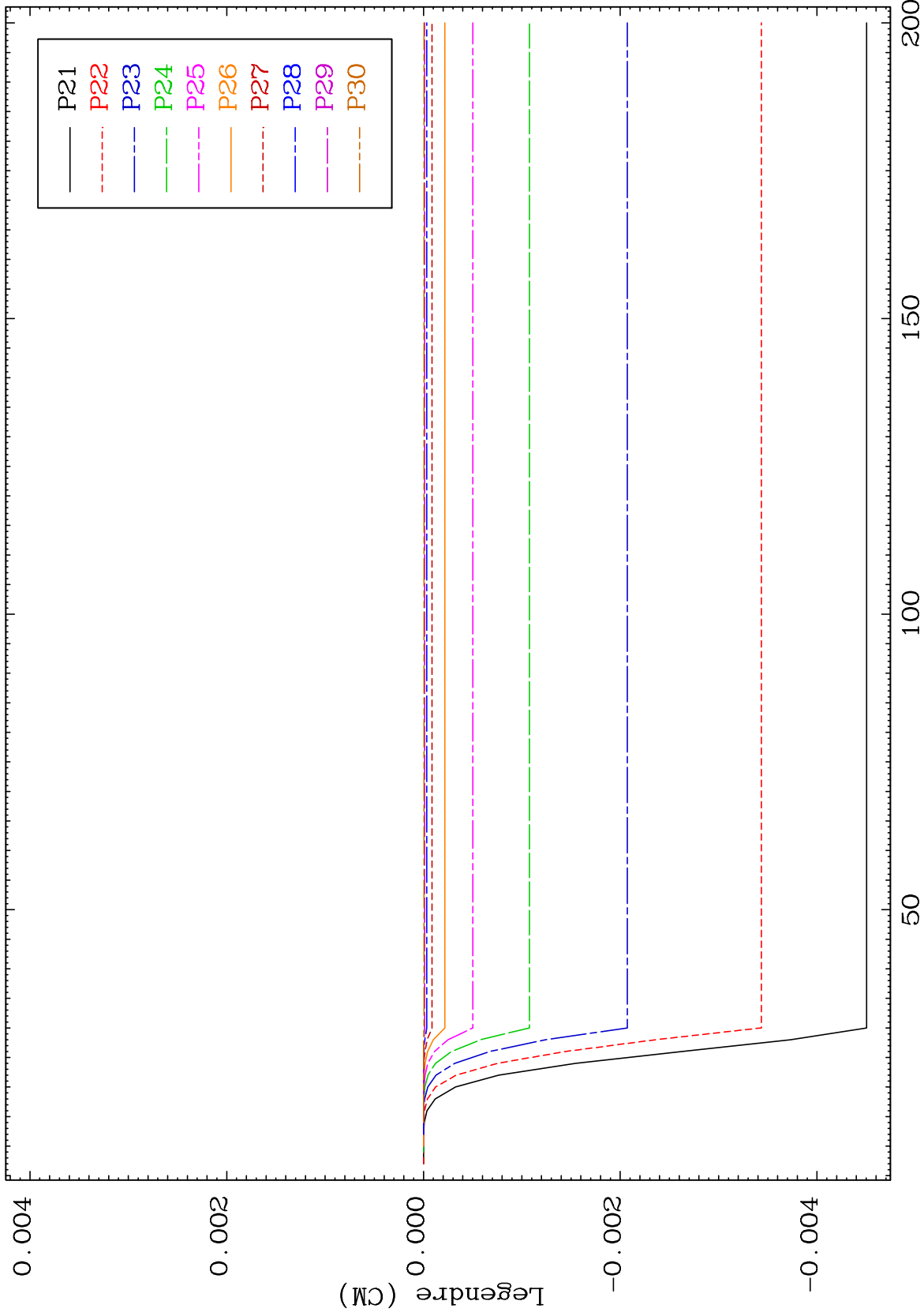
Incident Energy (MeV)

77-Ir-190

MAT 7722

266.8 keV (n,n') Level
Legendre Coefficients

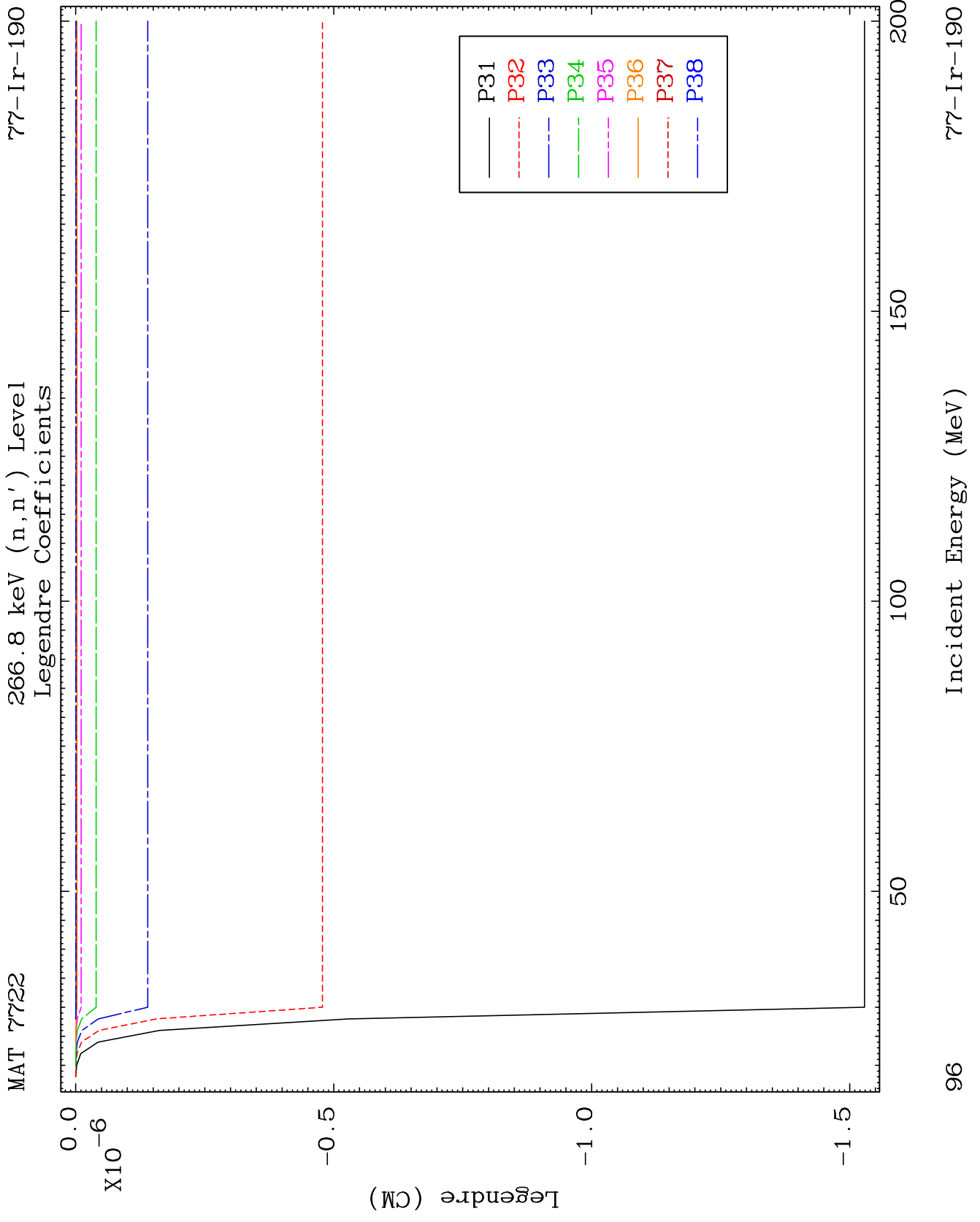
77-Ir-190



95

Incident Energy (MeV)

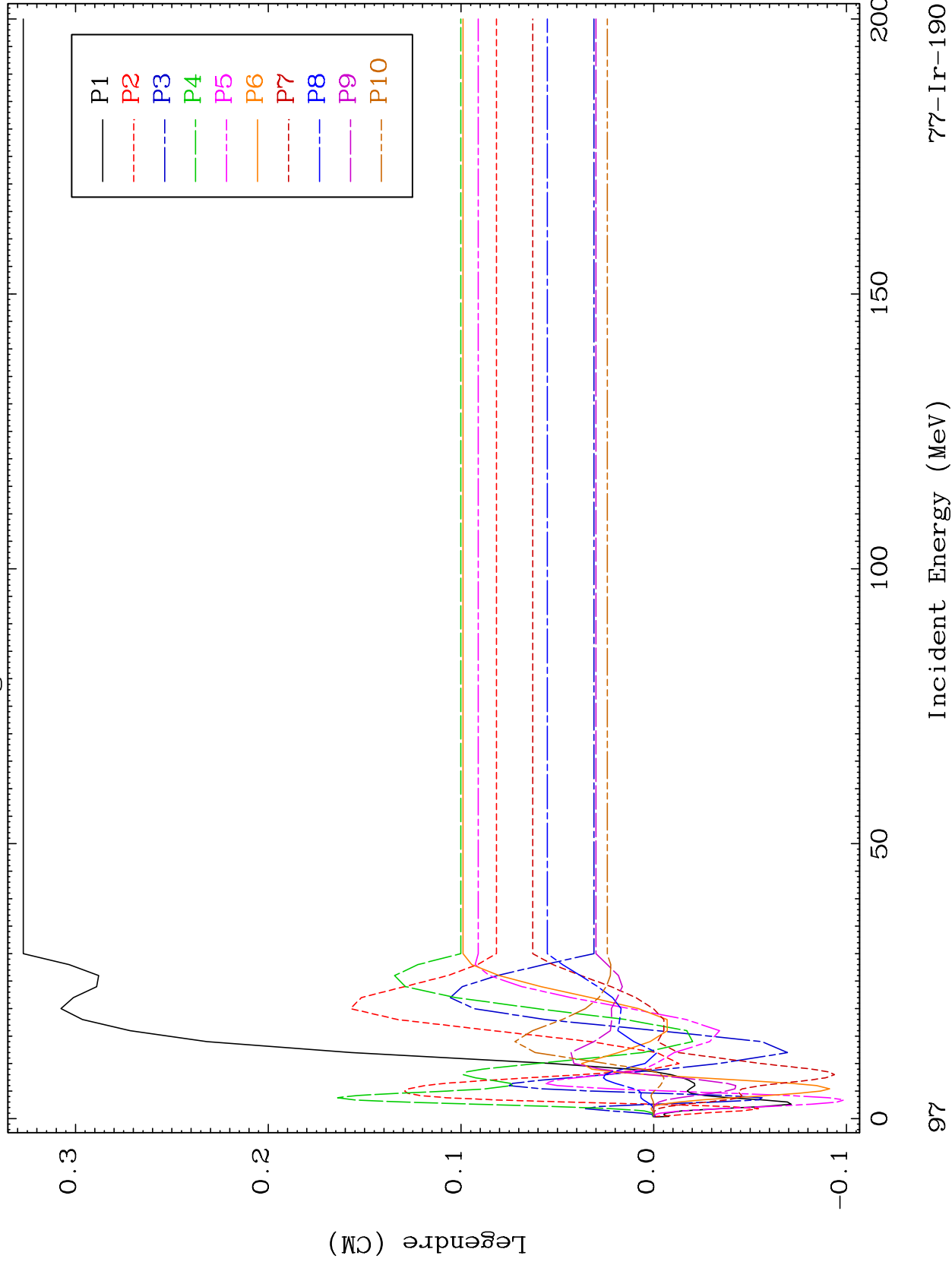
77-Ir-190



MAT 7722

269.4 keV (n,n') Level
Legendre Coefficients

77-Ir-190



77-Ir-190

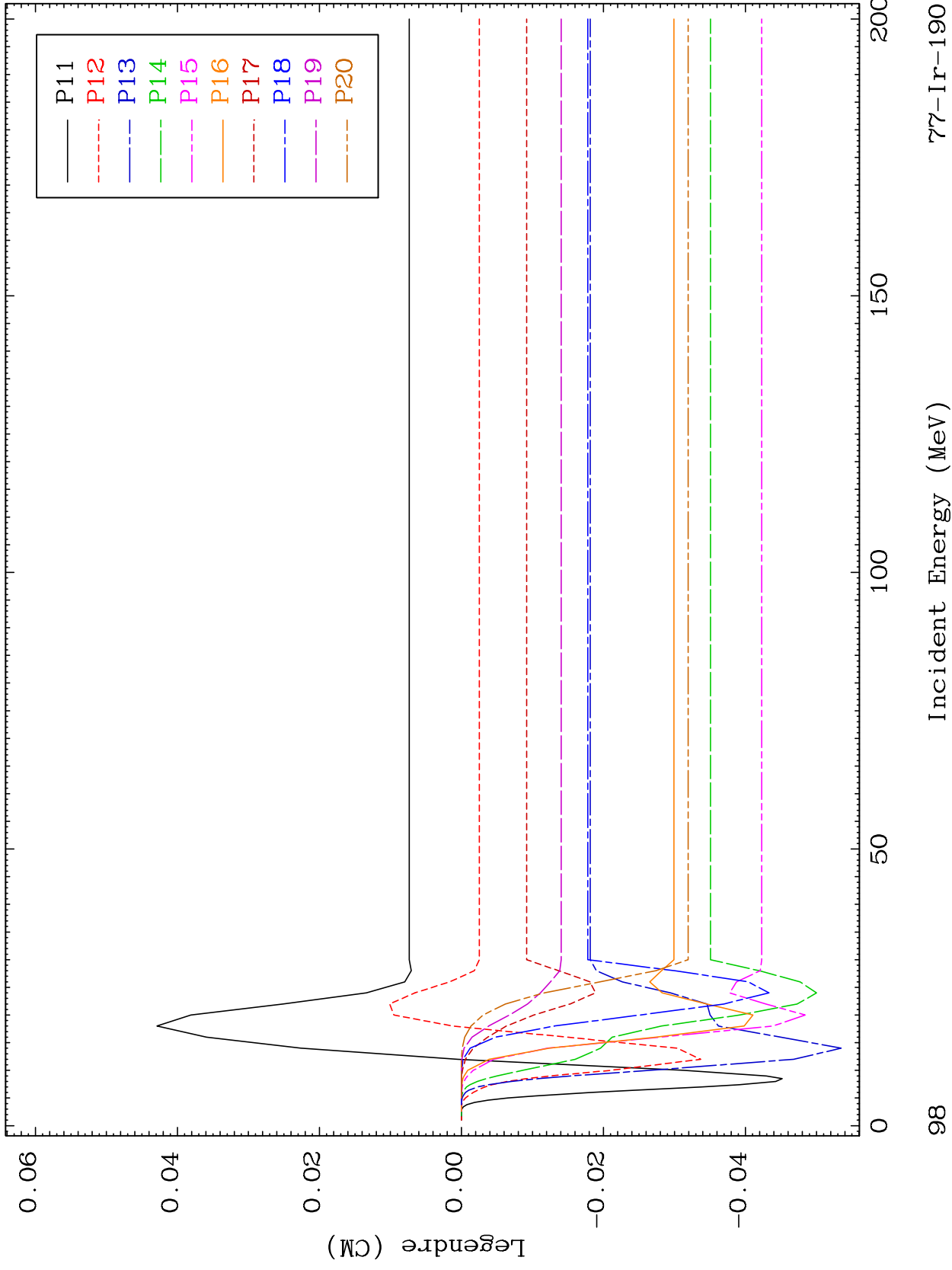
Incident Energy (MeV)

97

MAT 7722

269.4 keV (n,n') Level
Legendre Coefficients

77-Ir-190



77-Ir-190

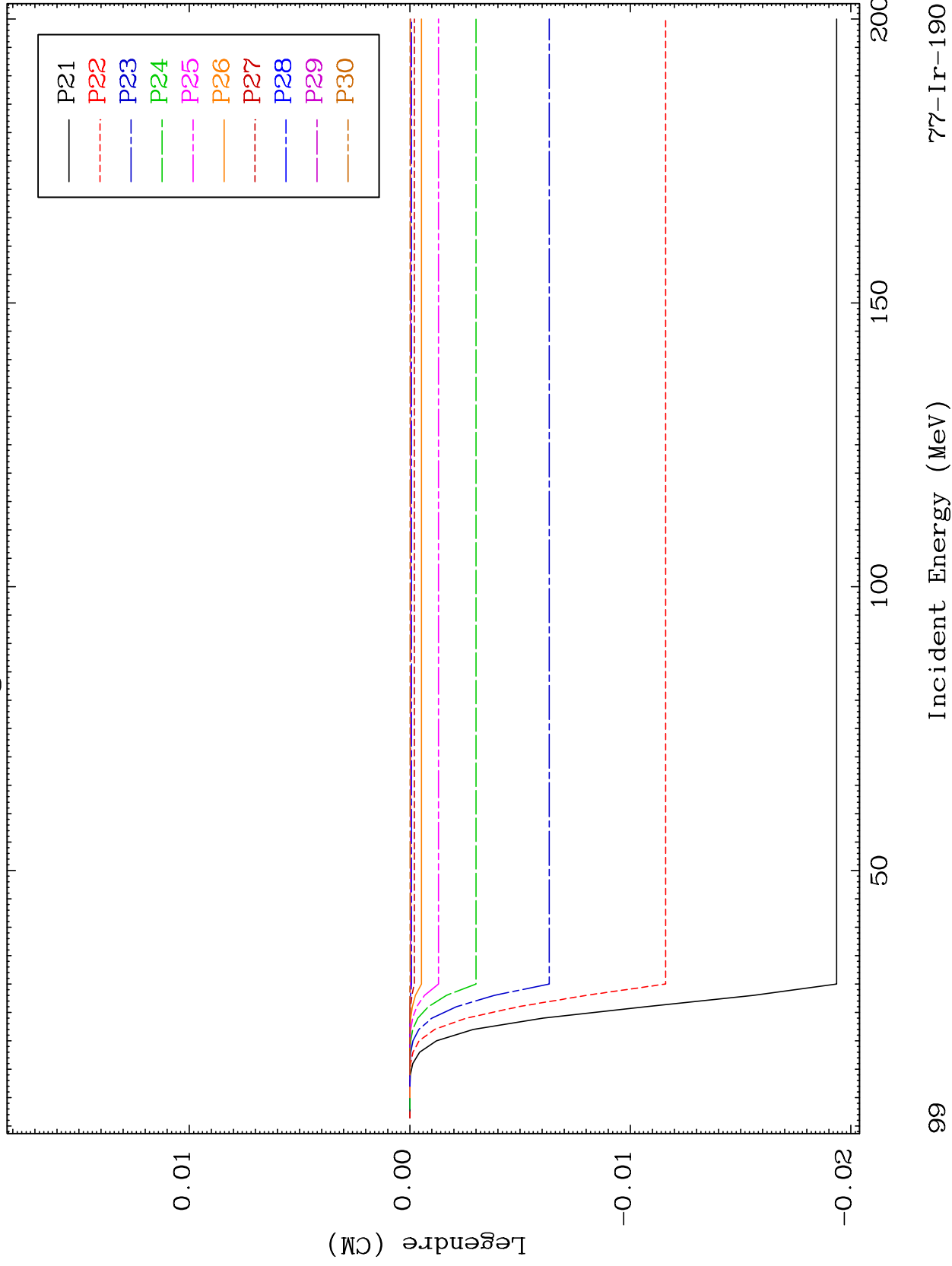
Incident Energy (MeV)

98

MAT 7722

269.4 keV (n,n') Level
Legendre Coefficients

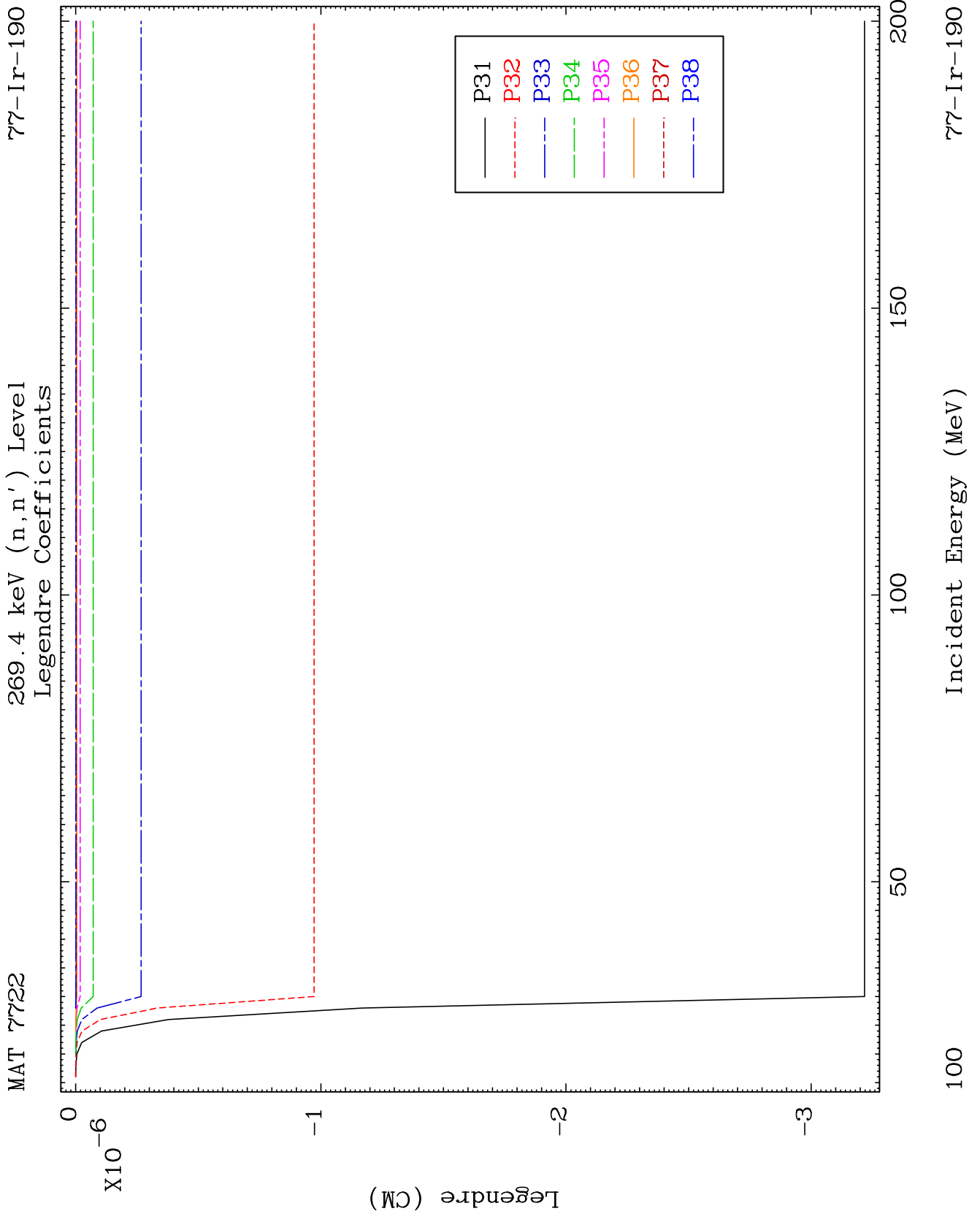
77-Ir-190

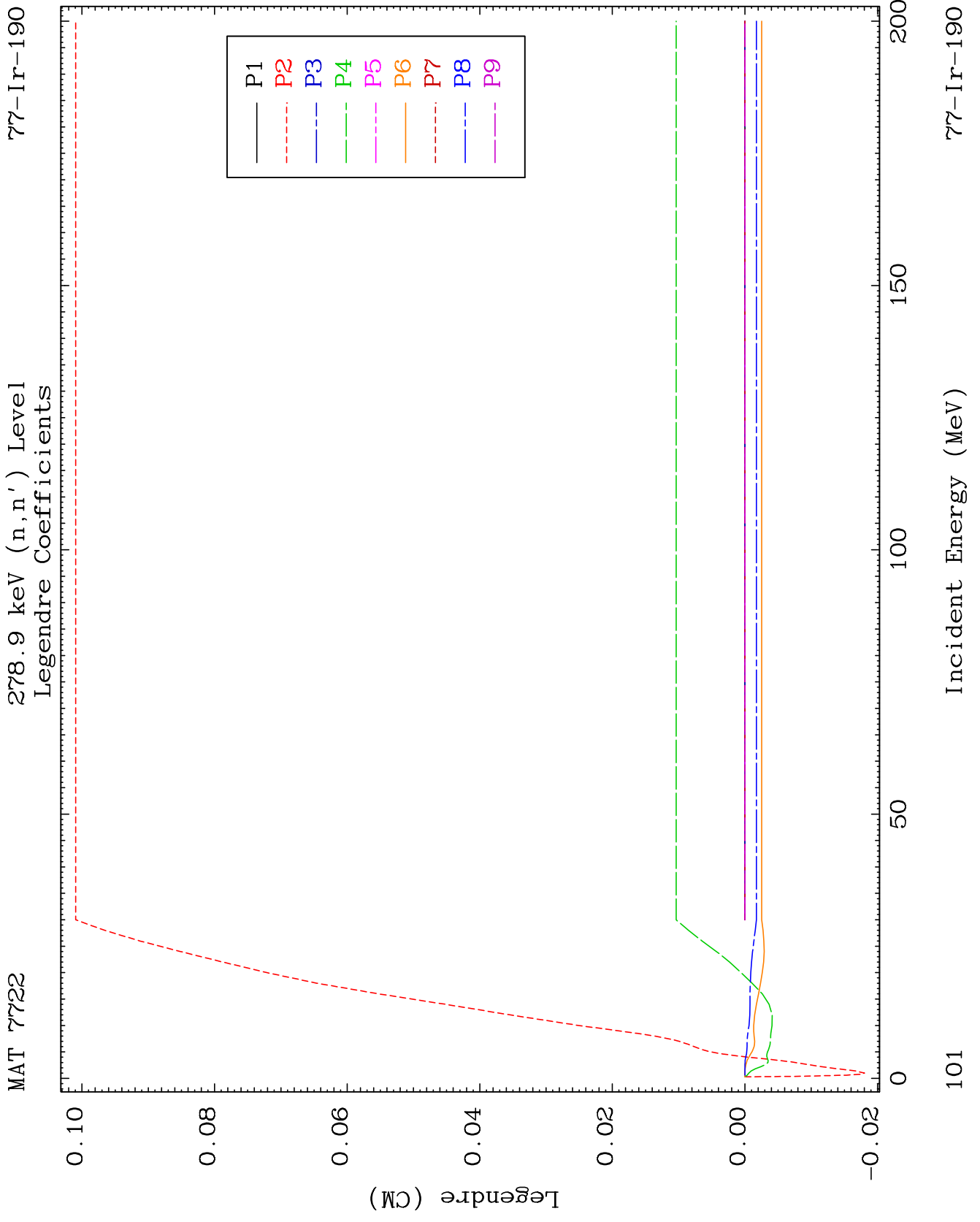


99

Incident Energy (MeV)

77-Ir-190

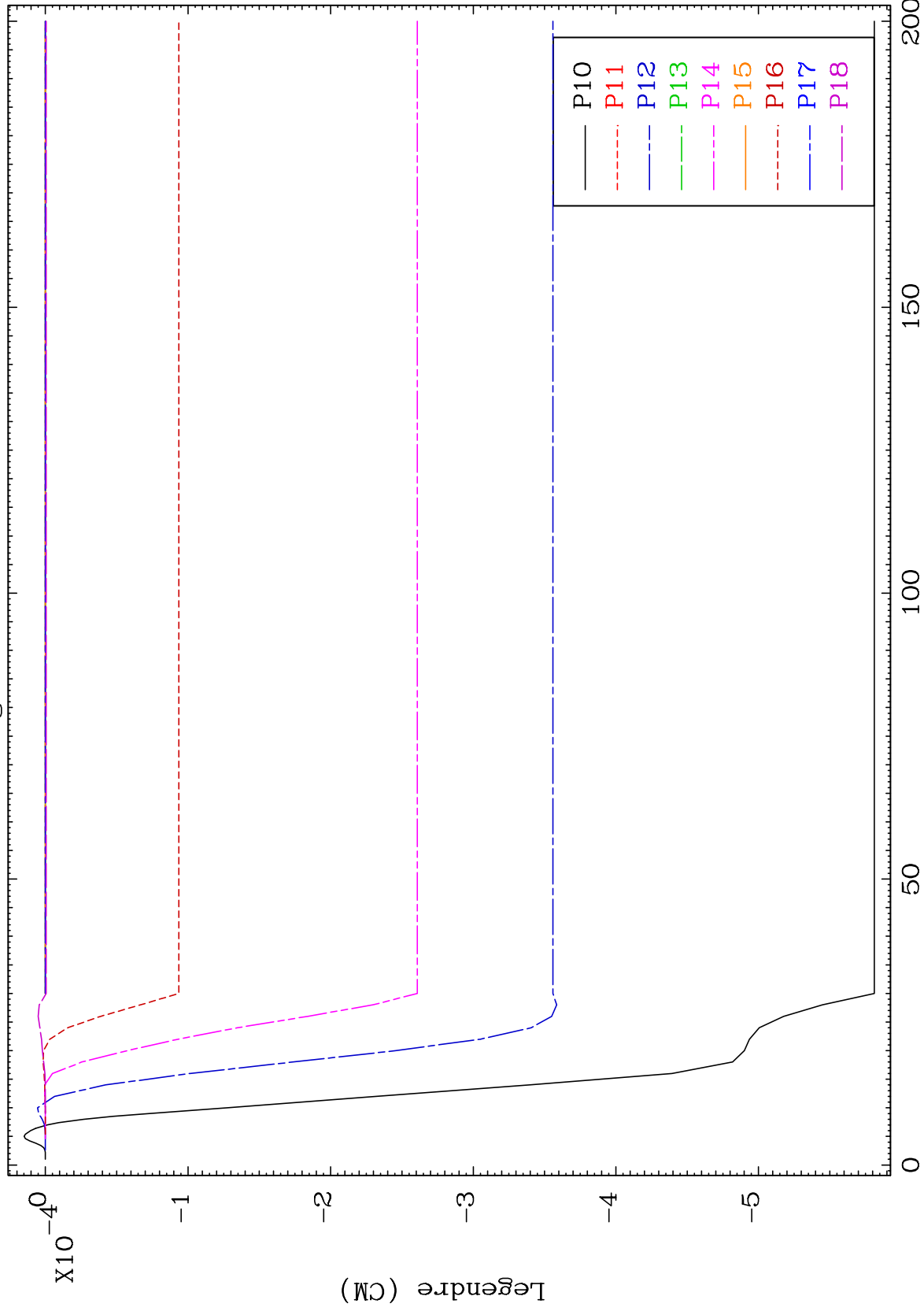




MAT 7722

278.9 keV (n,n') Level
Legendre Coefficients

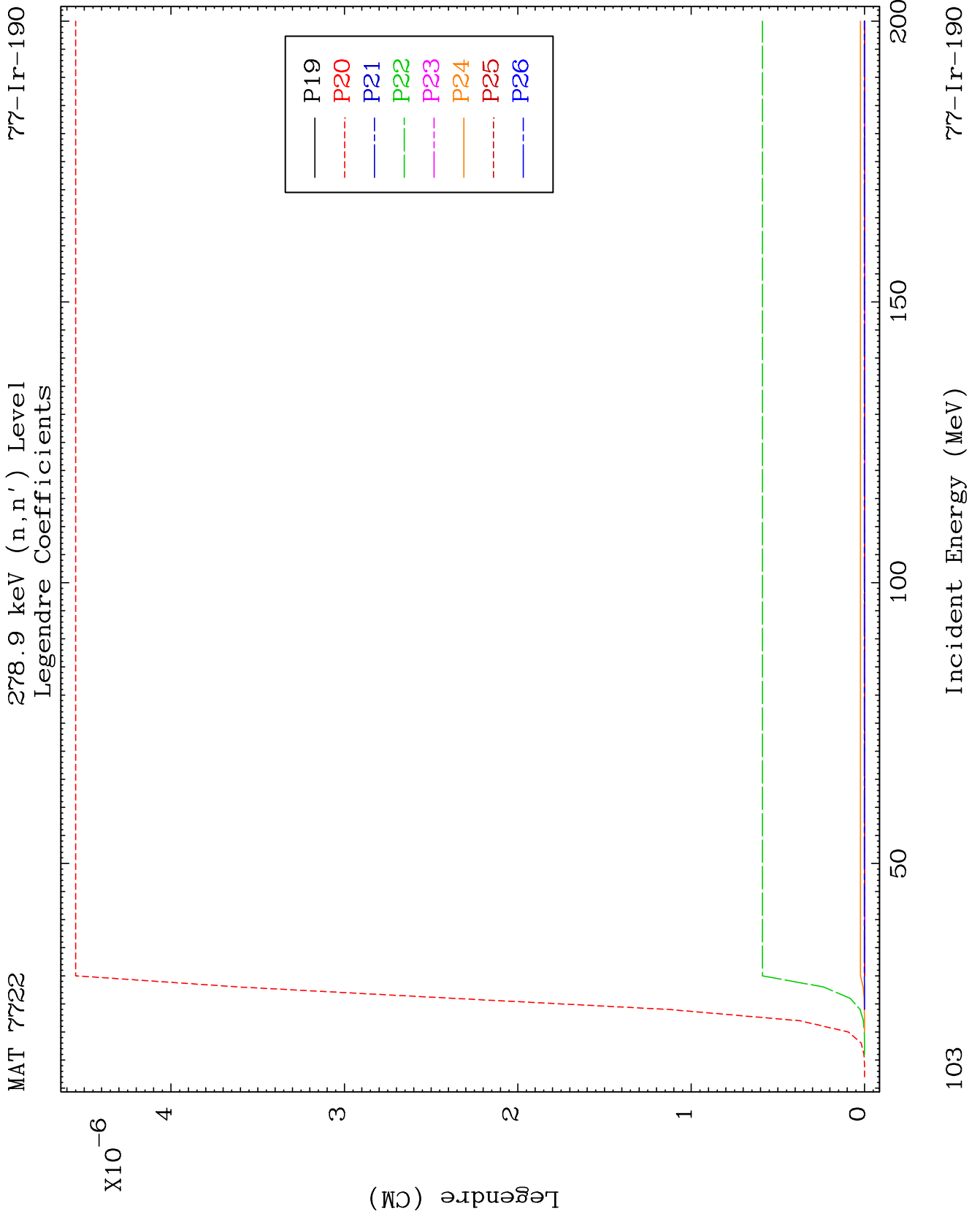
77-Ir-190

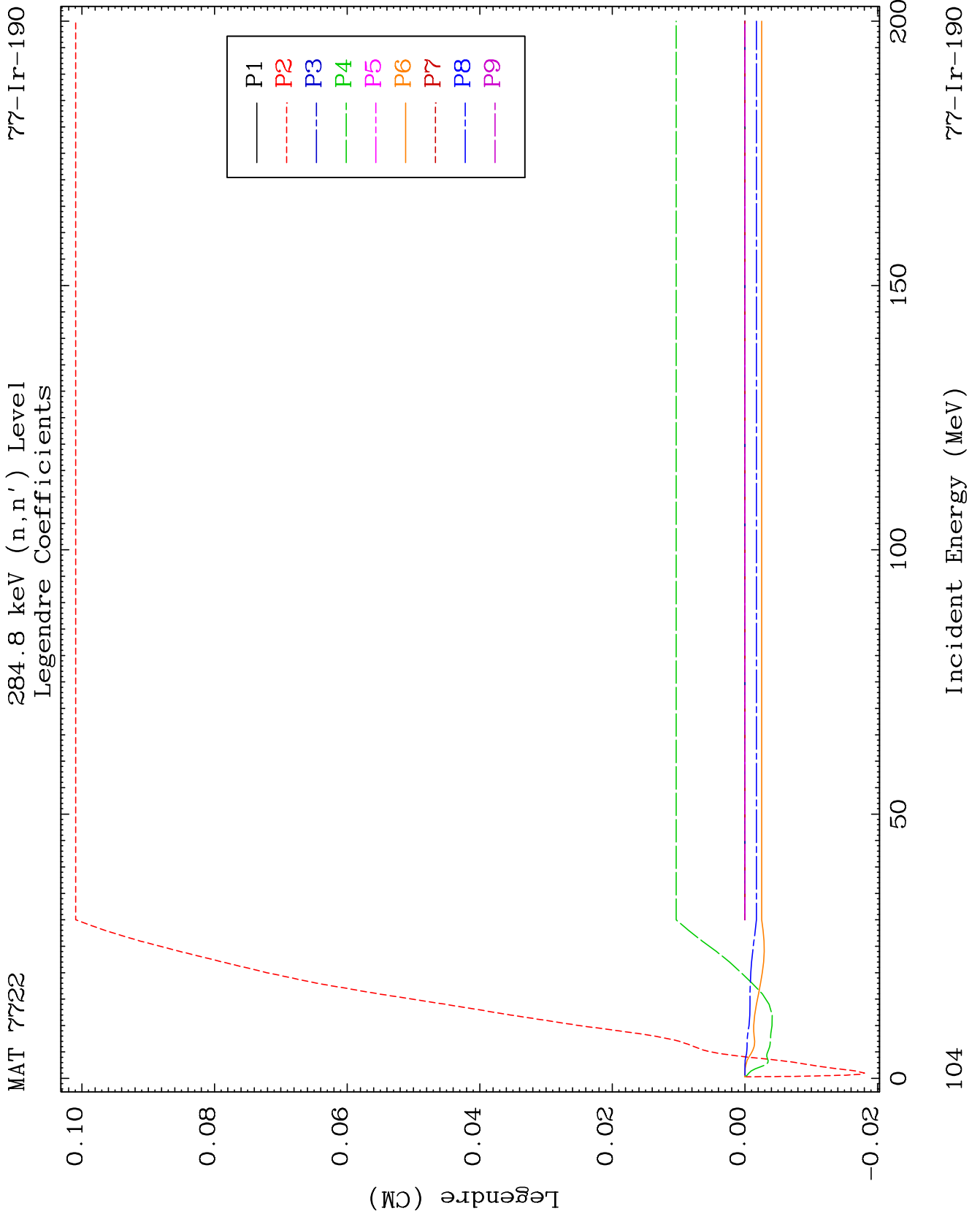


102

Incident Energy (MeV)

77-Ir-190

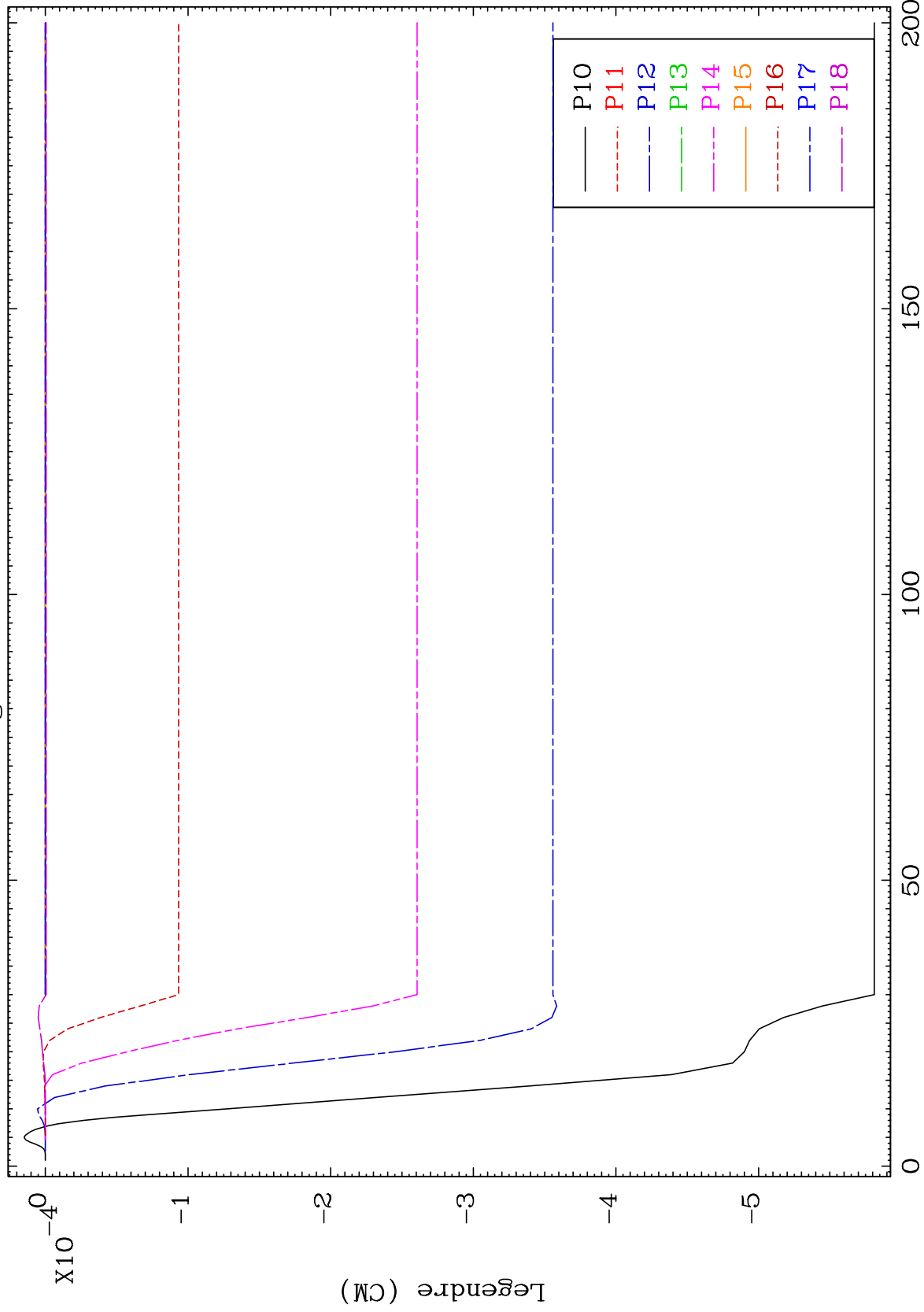




MAT 7722

284.8 keV (n,n') Level
Legendre Coefficients

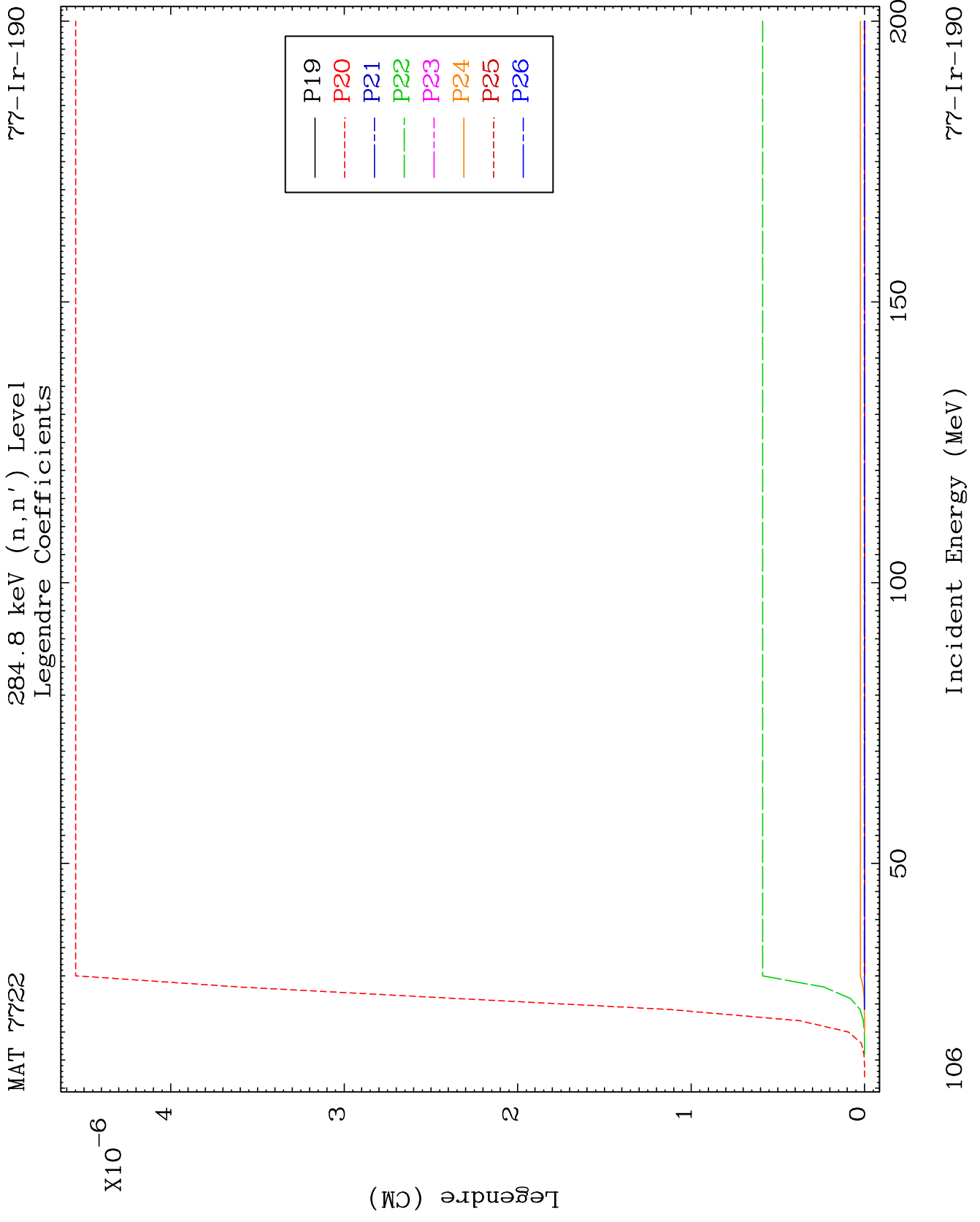
77-Ir-190



105

Incident Energy (MeV)

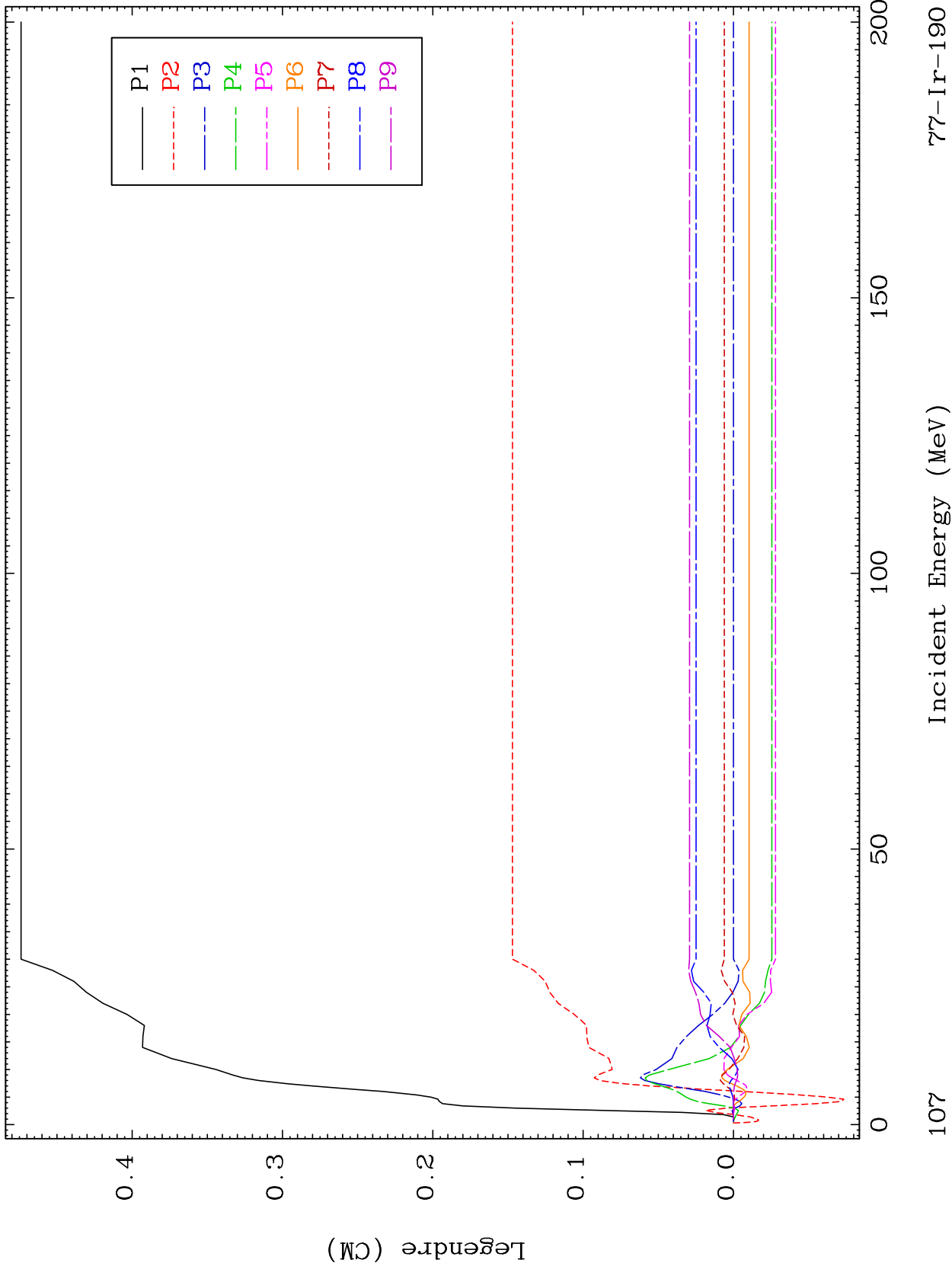
77-Ir-190



MAT 7722

287.7 keV (n,n') Level
Legendre Coefficients

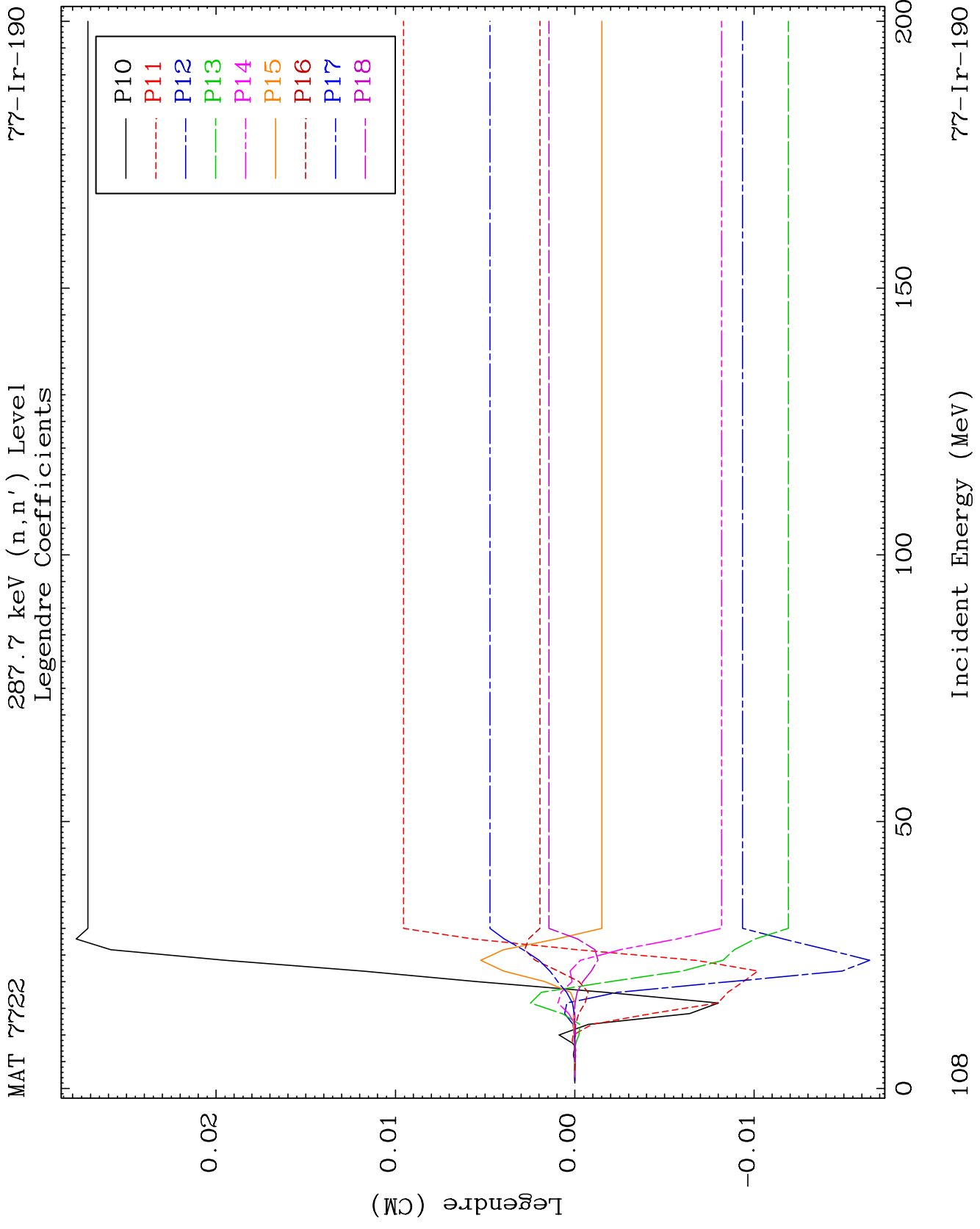
77-Ir-190



77-Ir-190

Incident Energy (MeV)

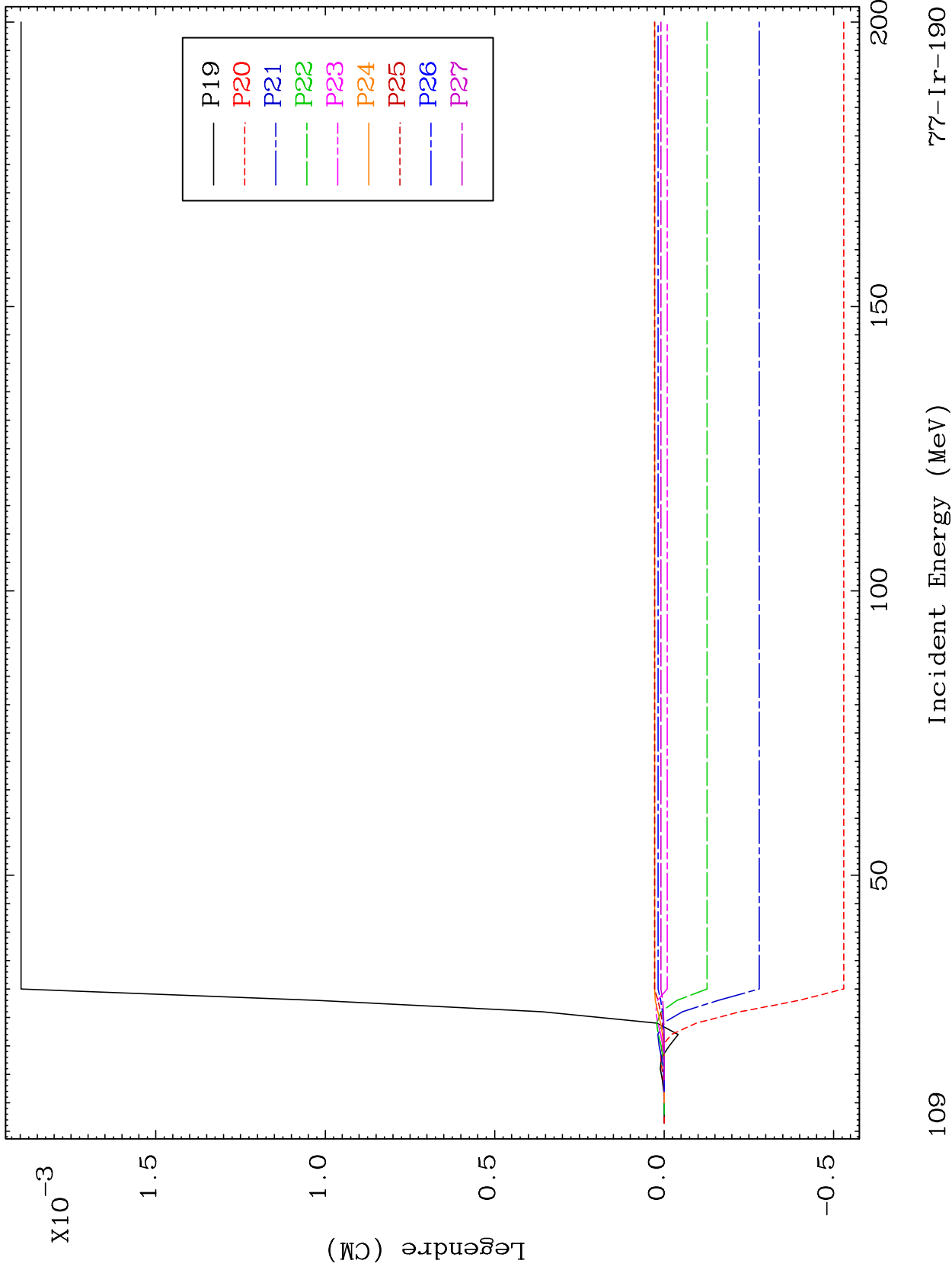
107

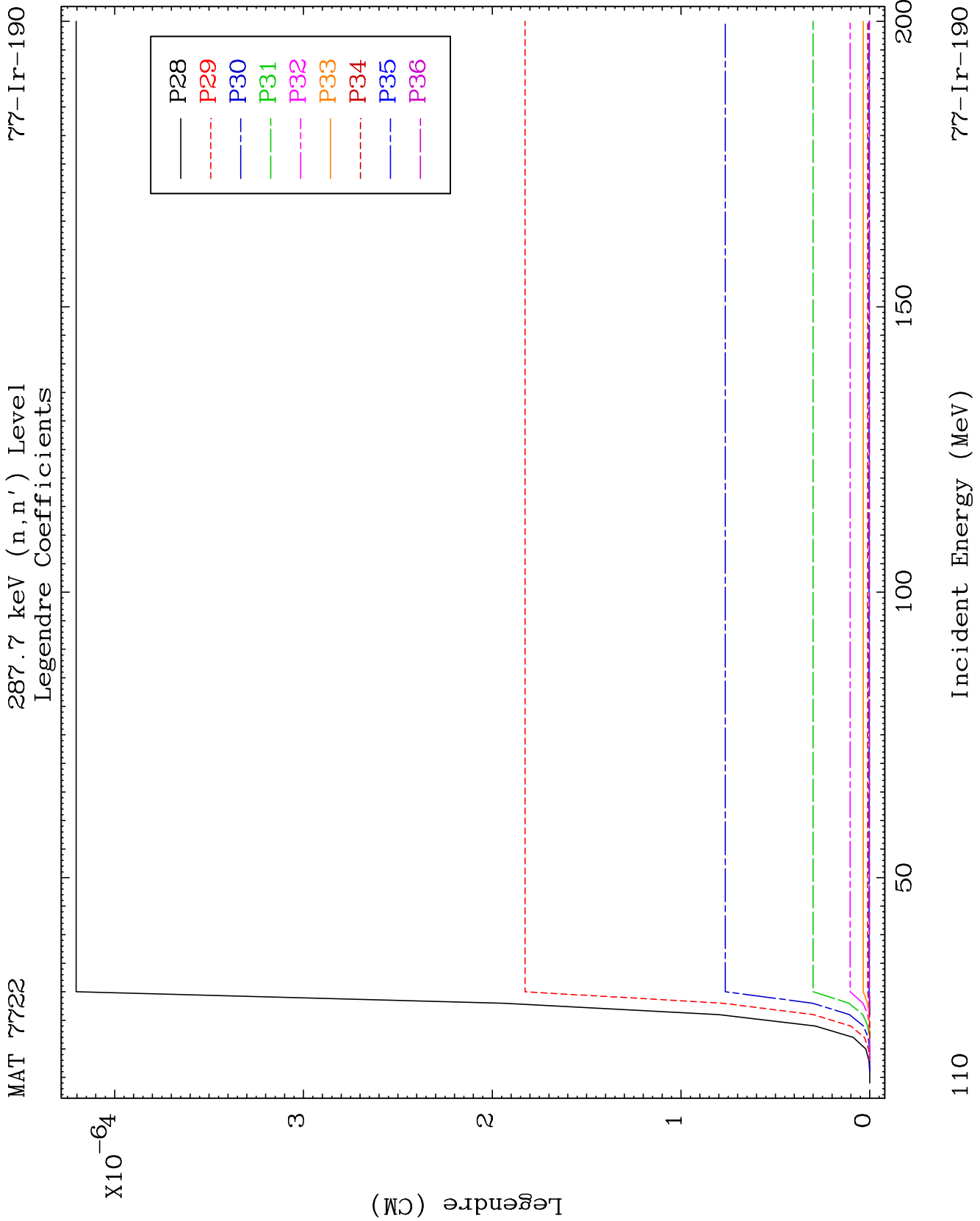


MAT 7722

287.7 keV (n,n') Level
Legendre Coefficients

77-Ir-190

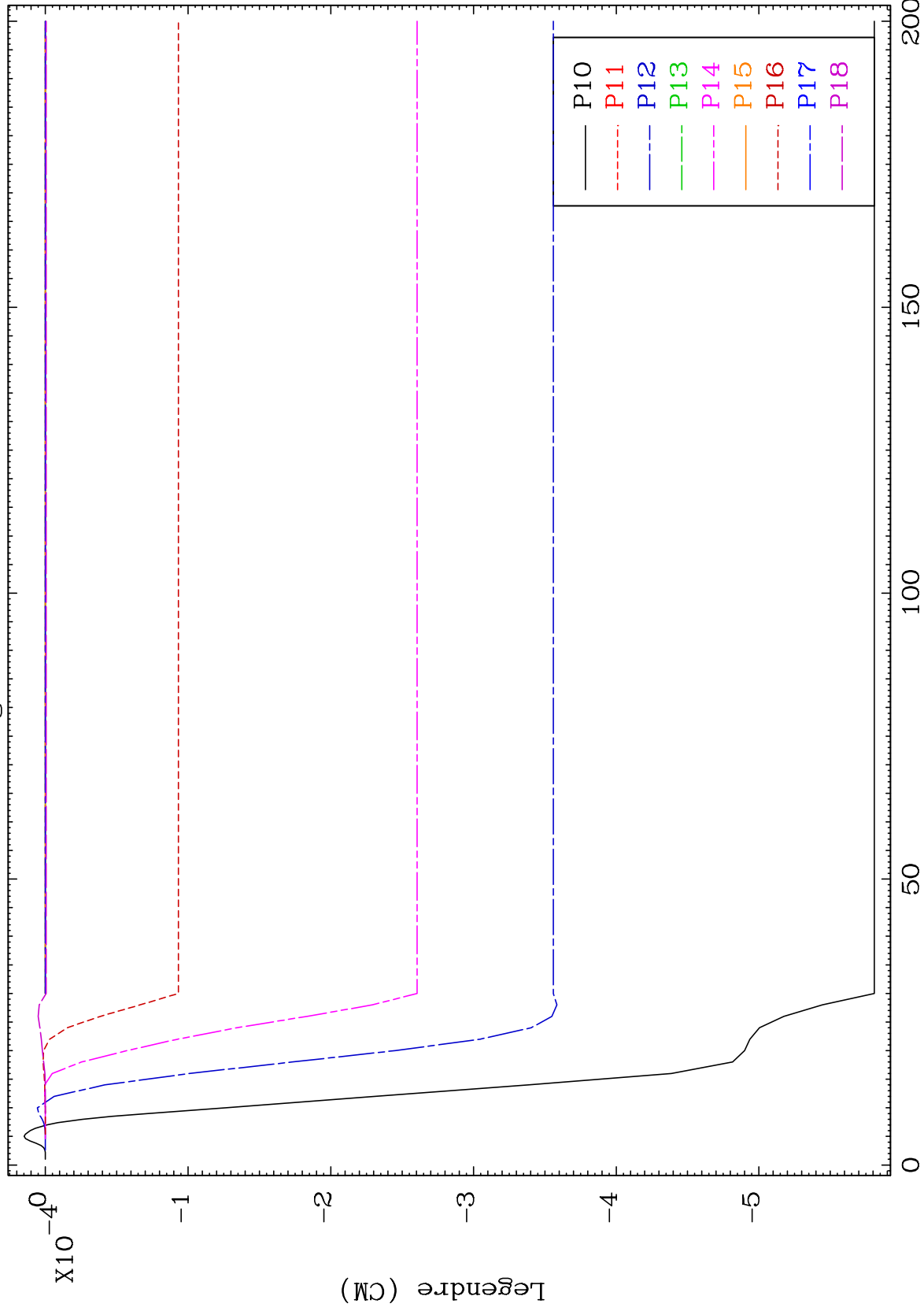




MAT 7722

313.2 keV (n,n') Level
Legendre Coefficients

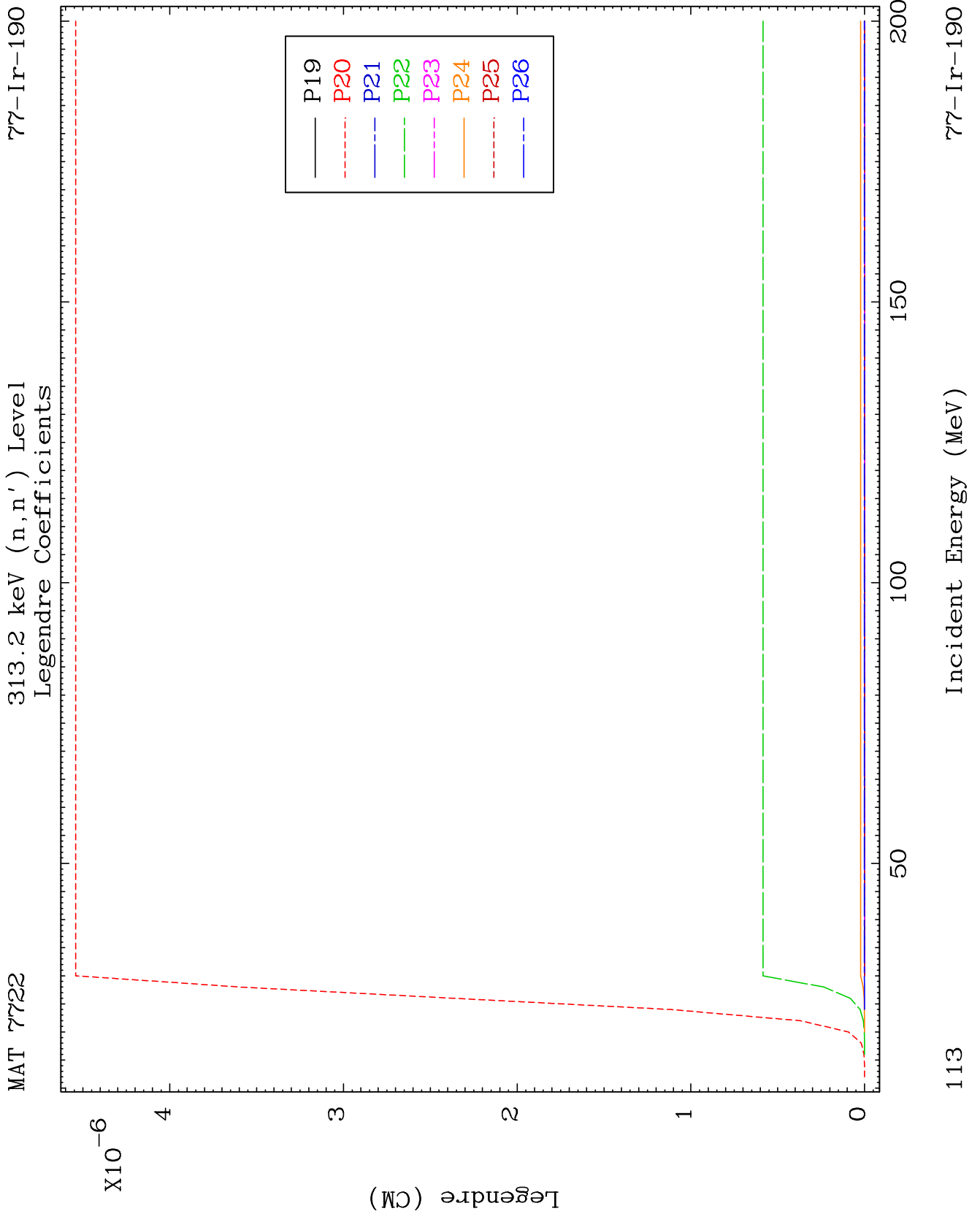
77-Ir-190

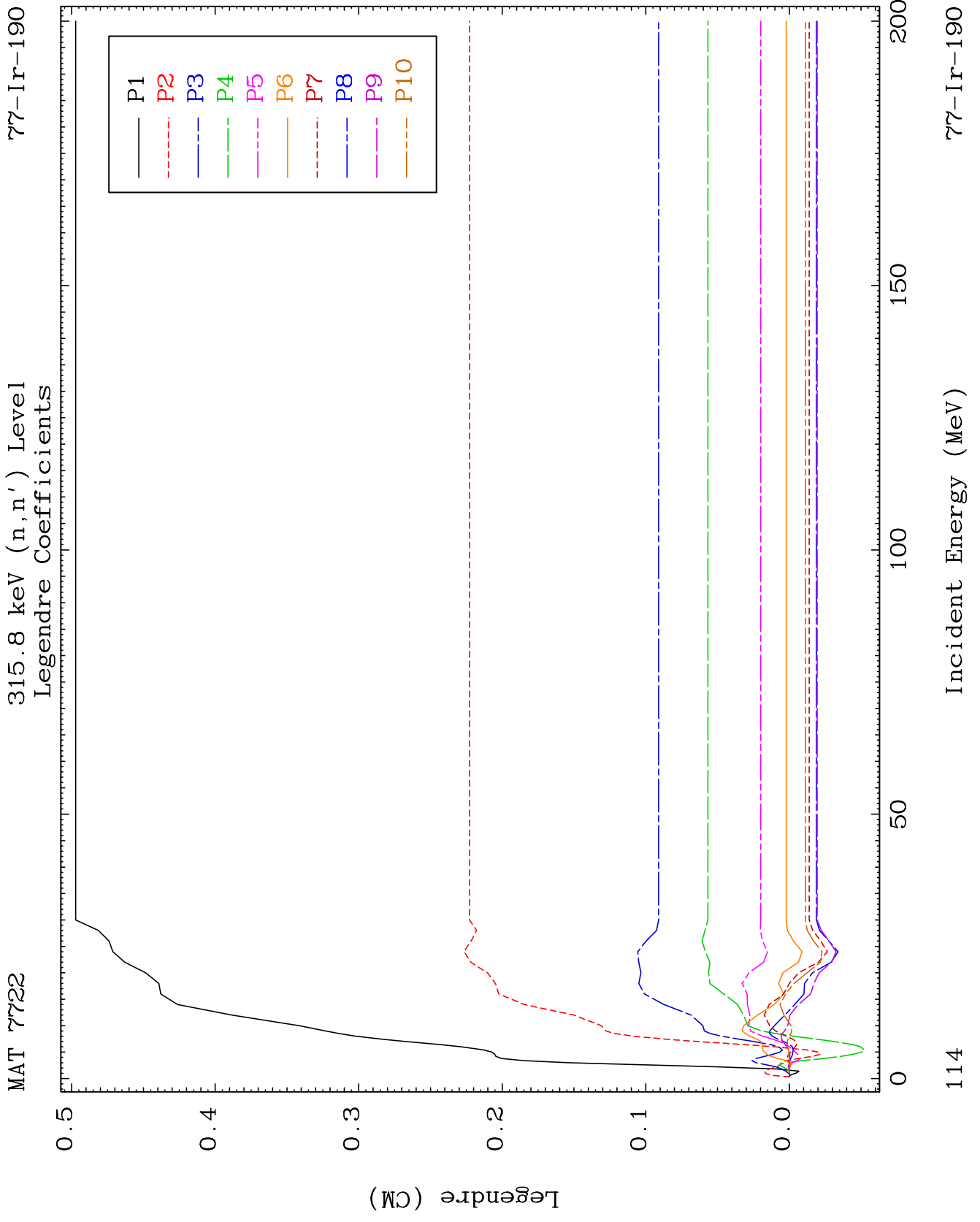


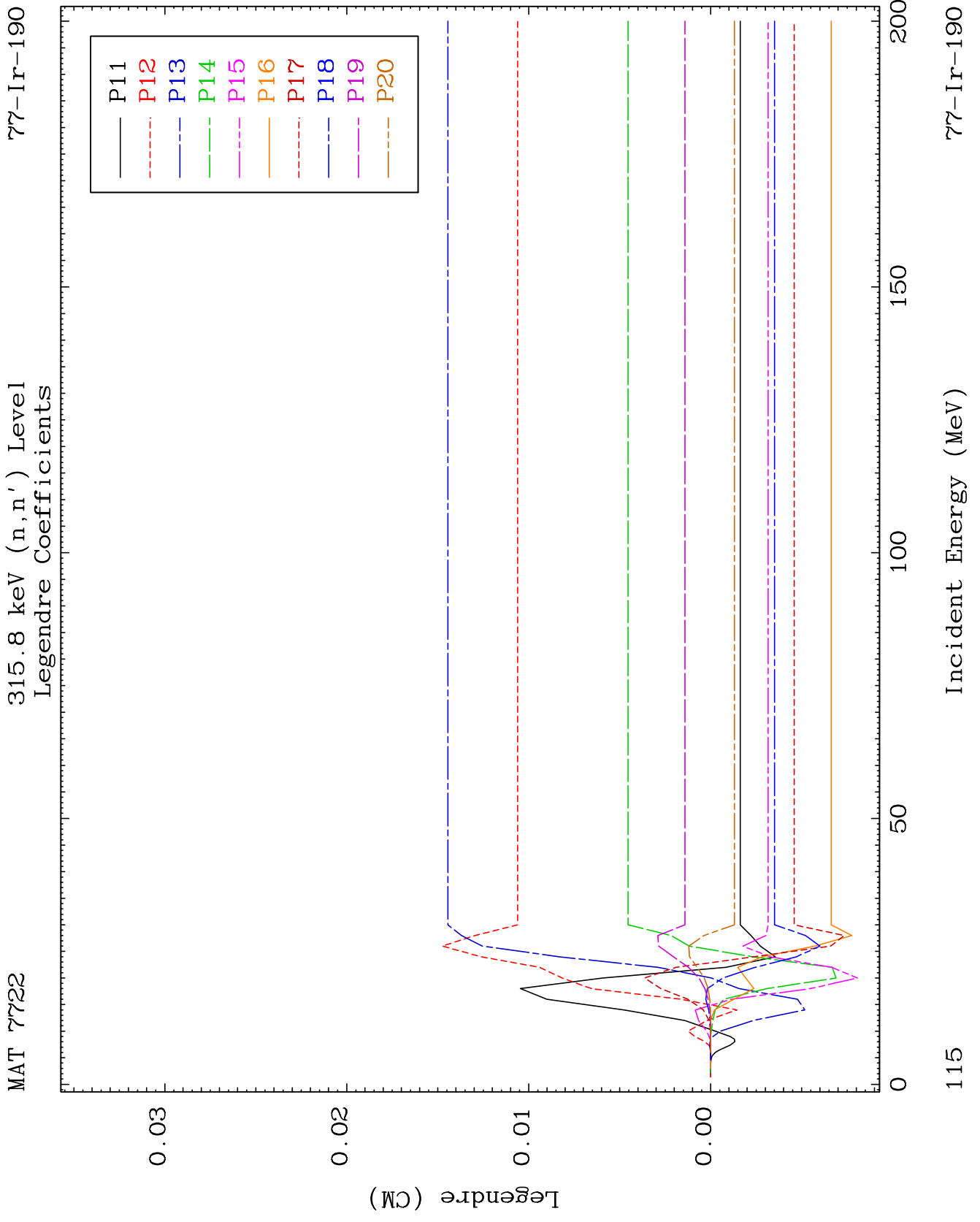
112

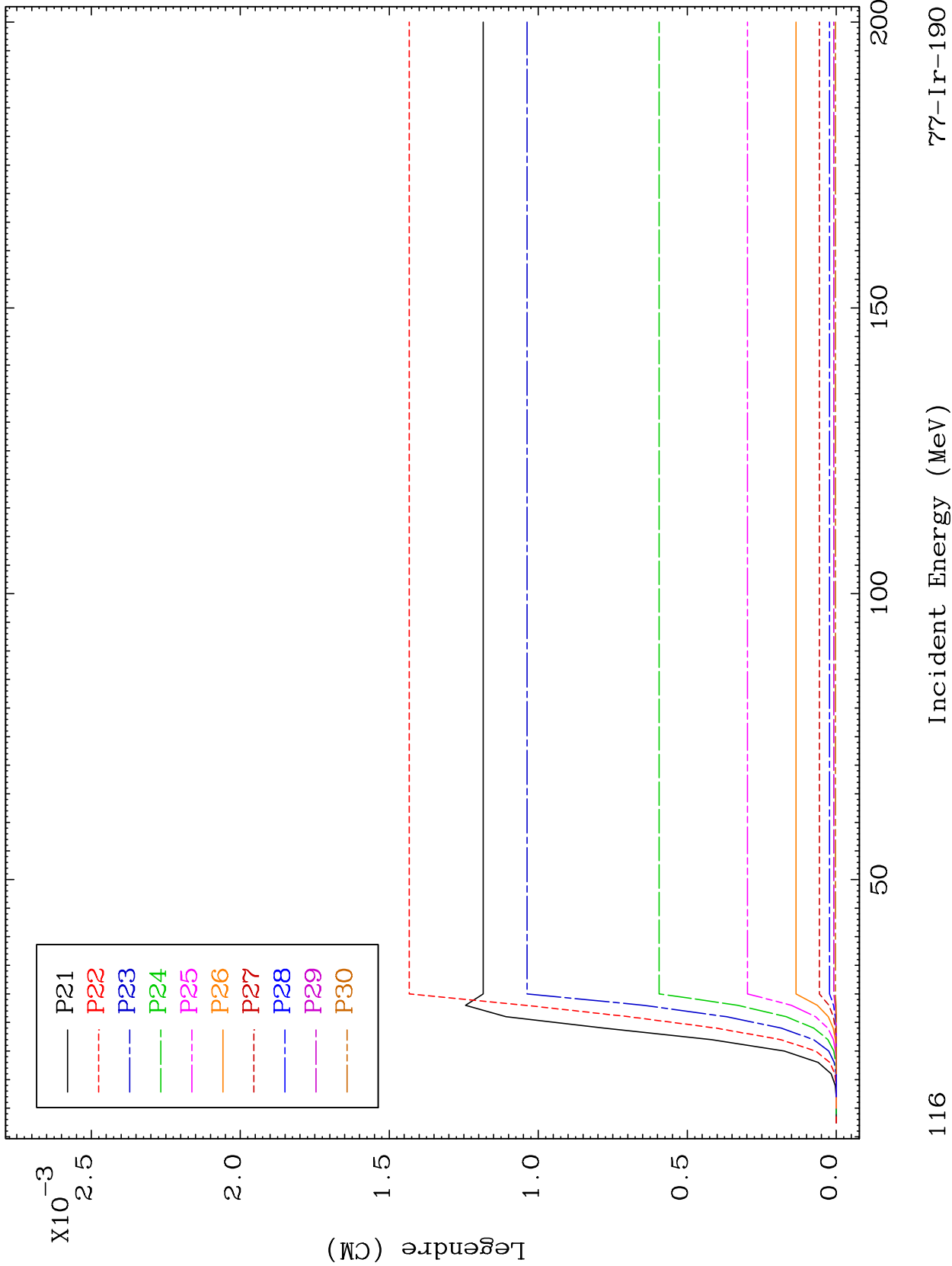
Incident Energy (MeV)

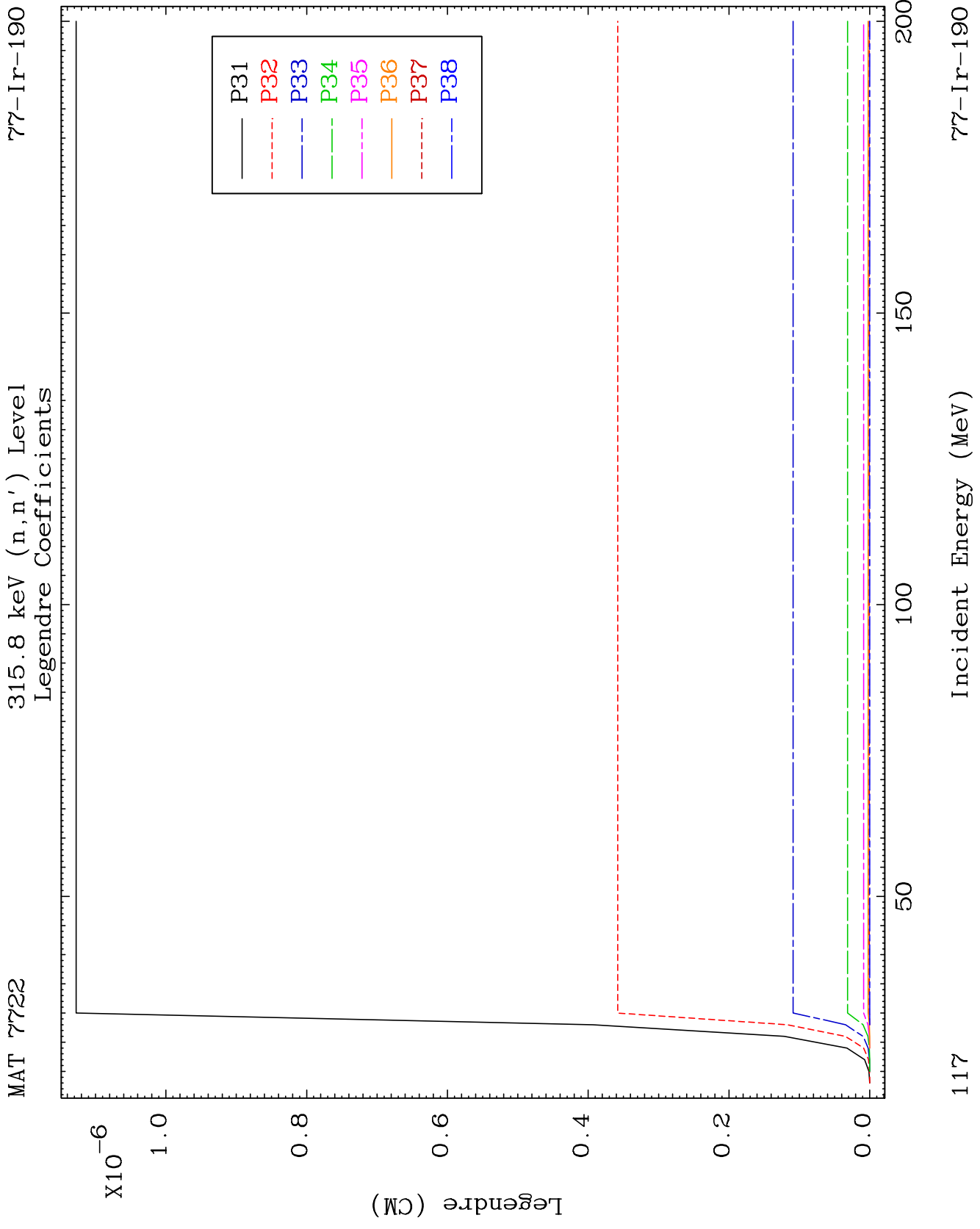
77-Ir-190

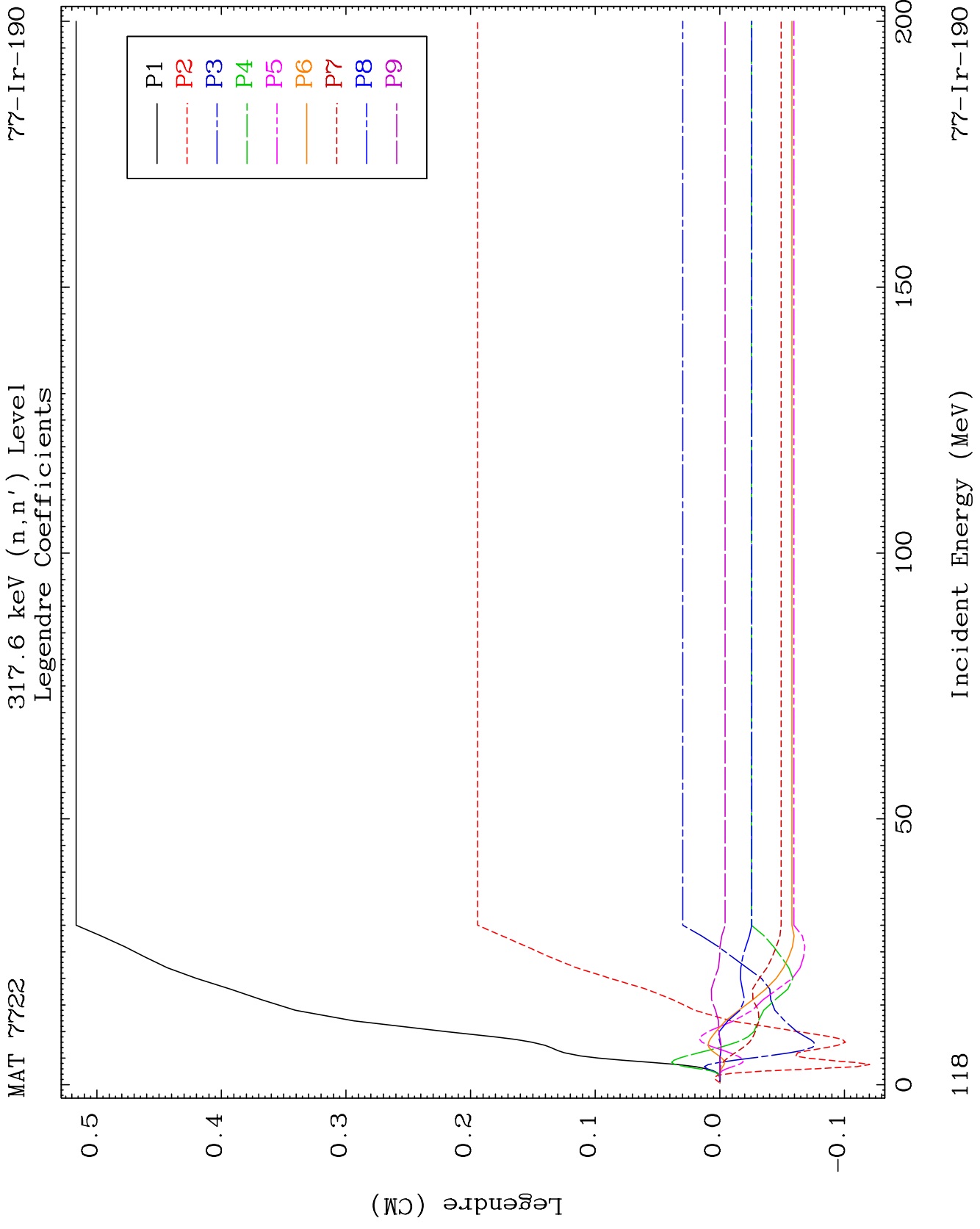








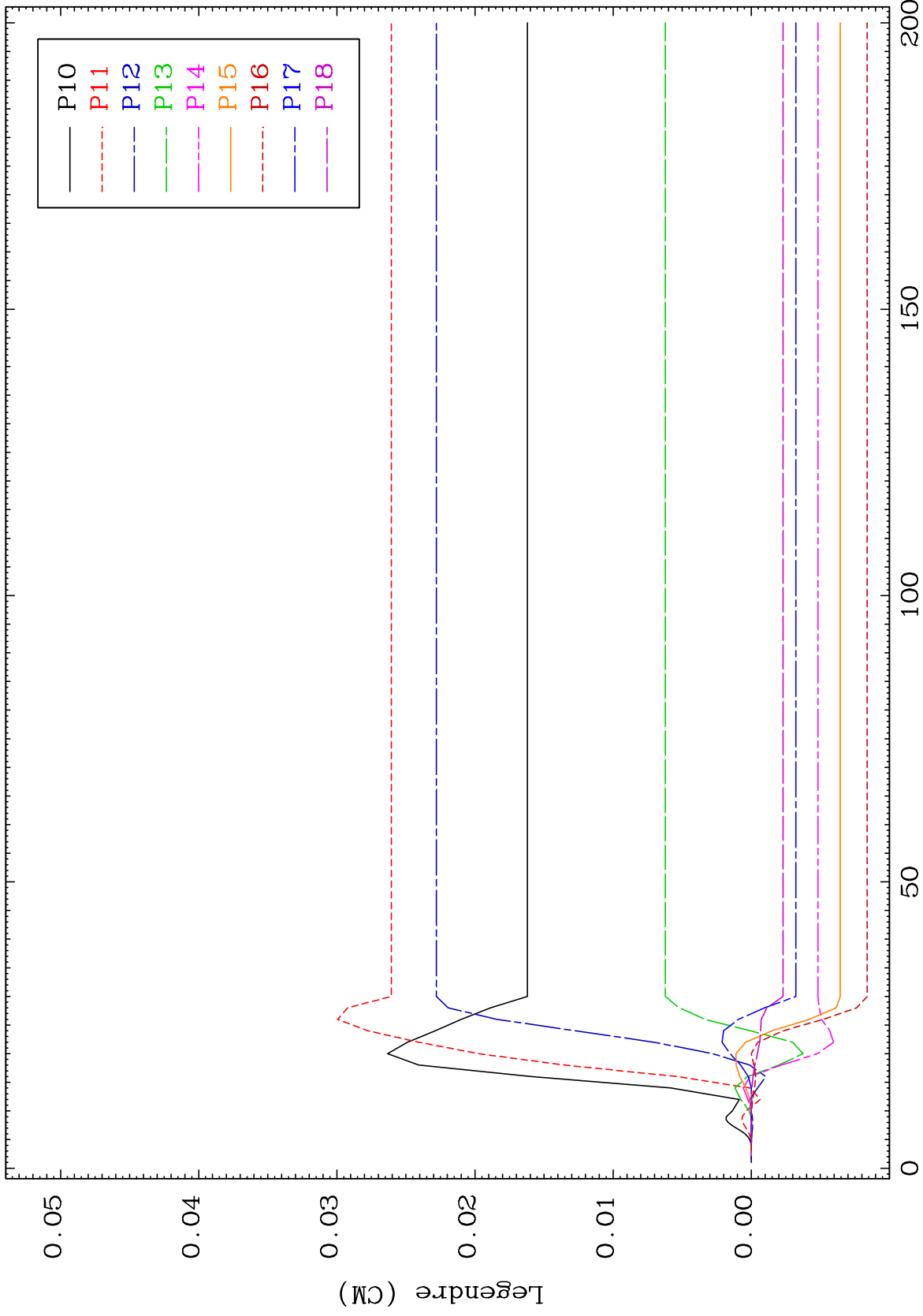




MAT 7722

317.6 keV (n,n') Level
Legendre Coefficients

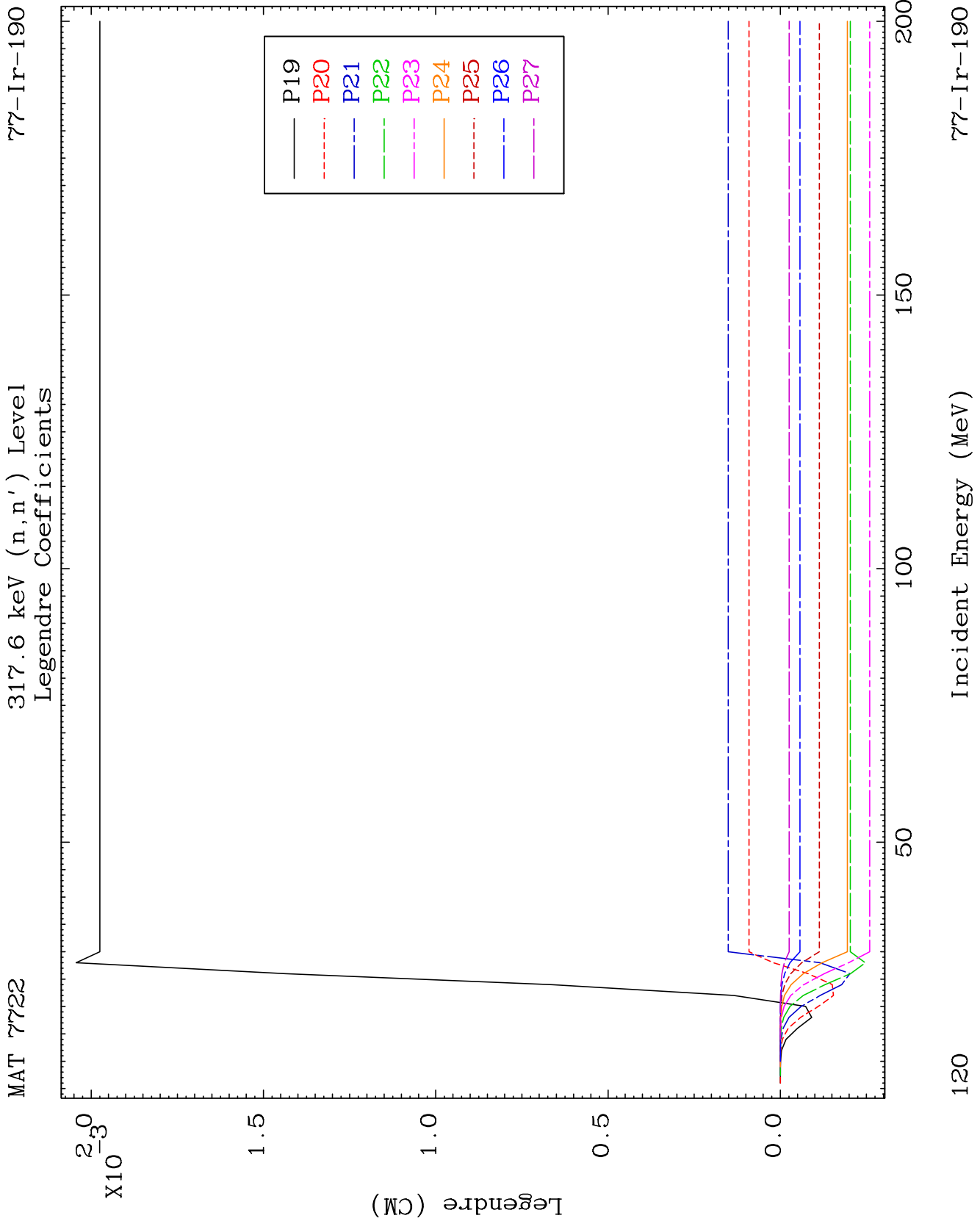
77-Ir-190

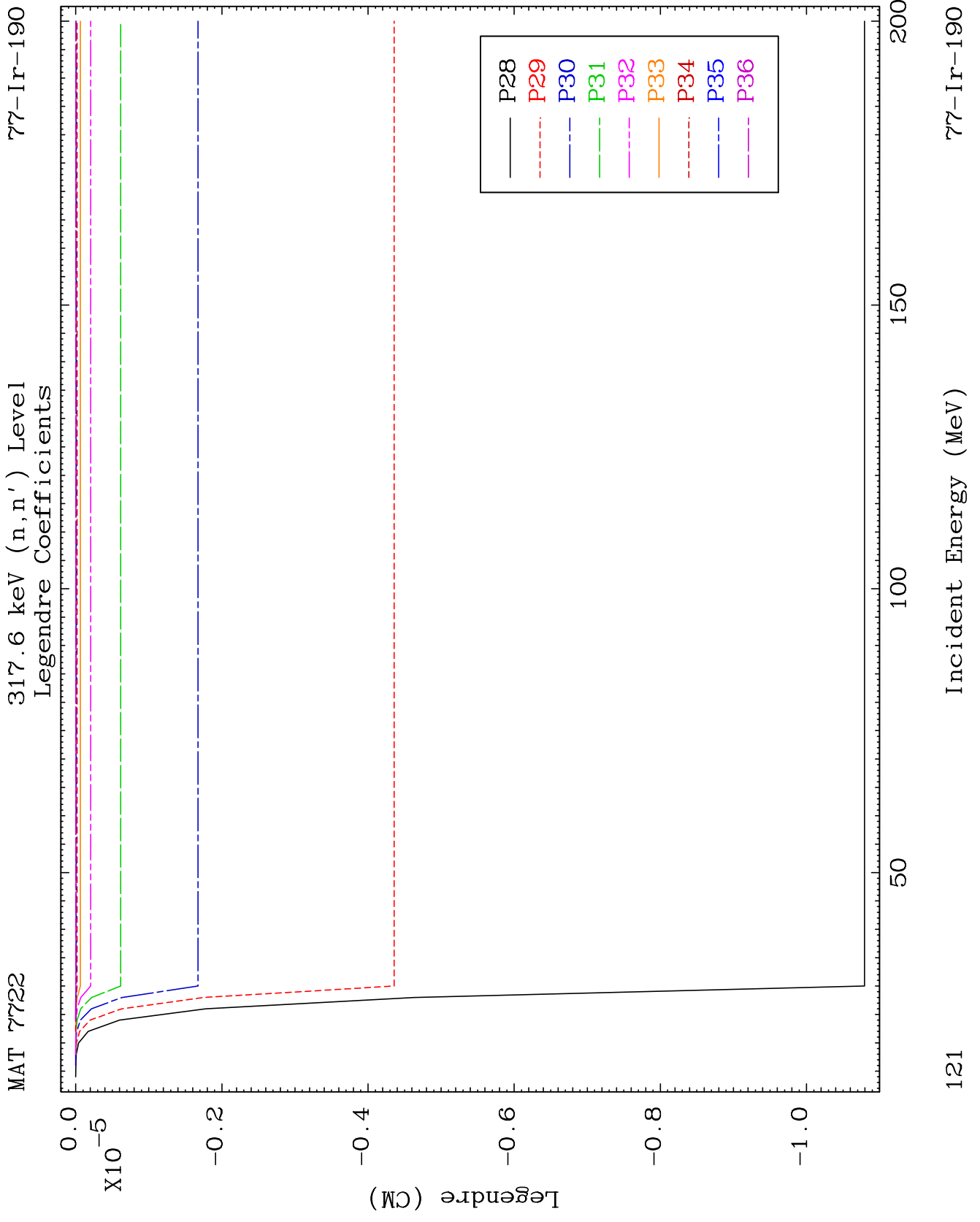


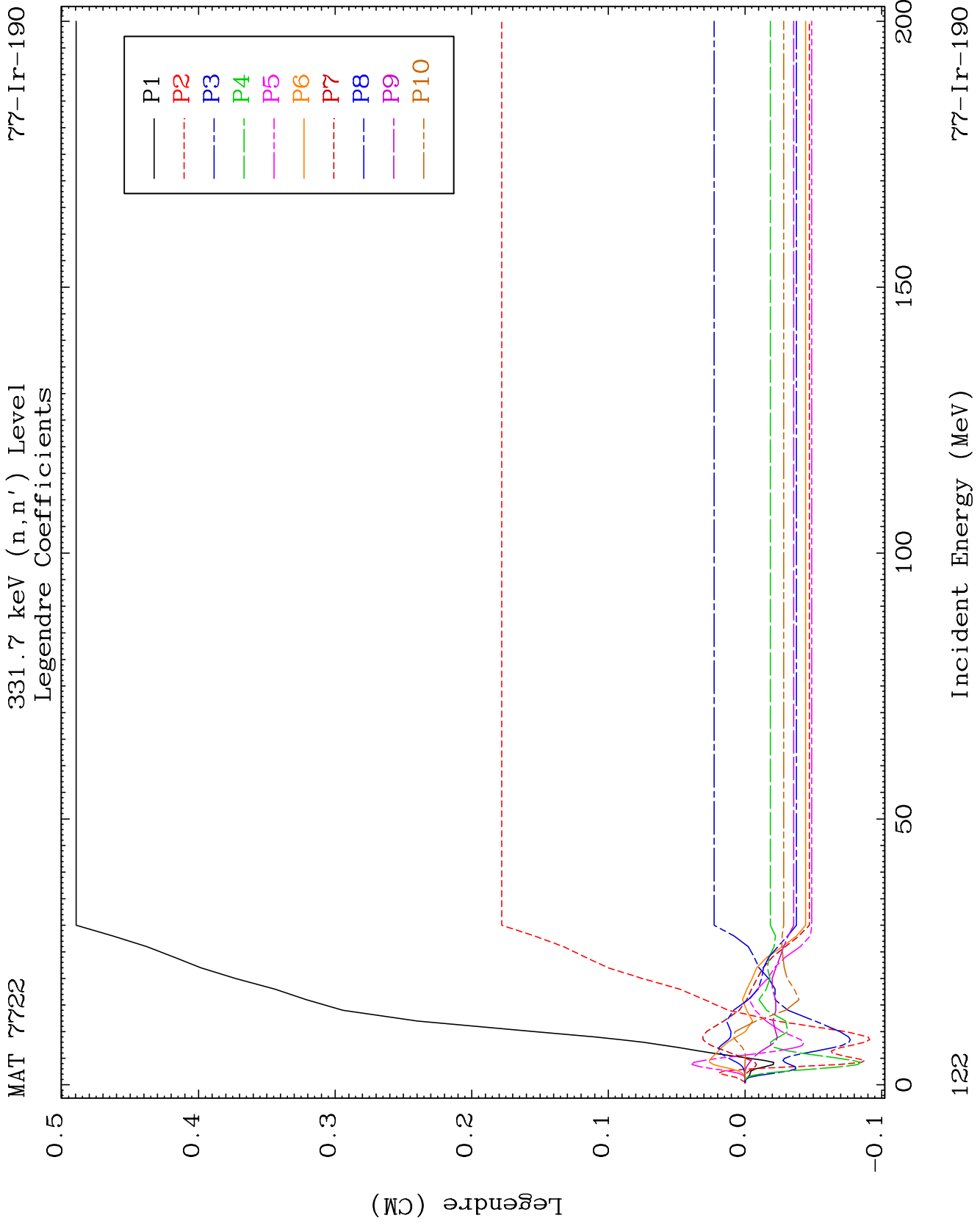
119

Incident Energy (MeV)

77-Ir-190



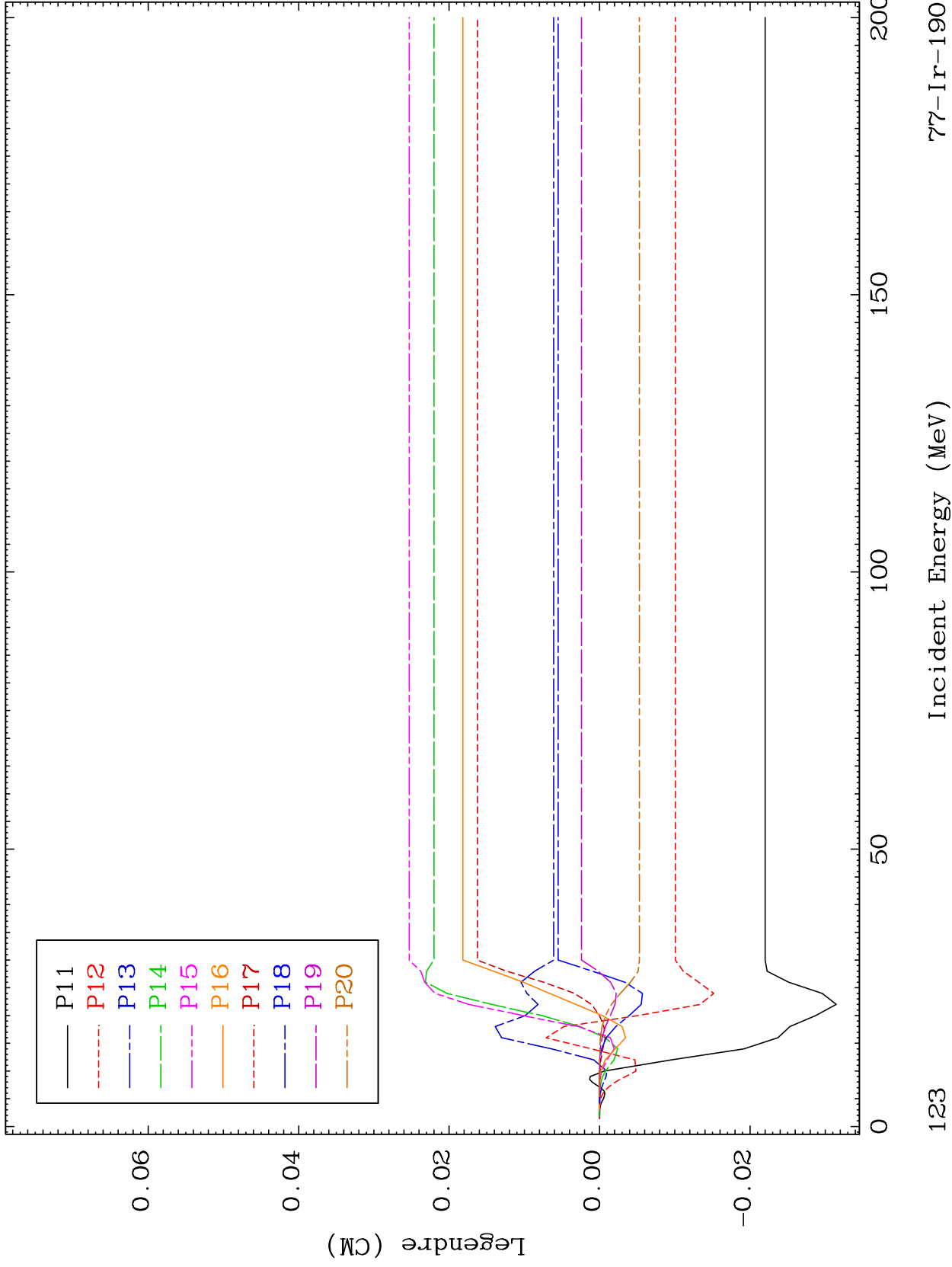




MAT 7722

331.7 keV (n,n') Level
Legendre Coefficients

77-Ir-190



123

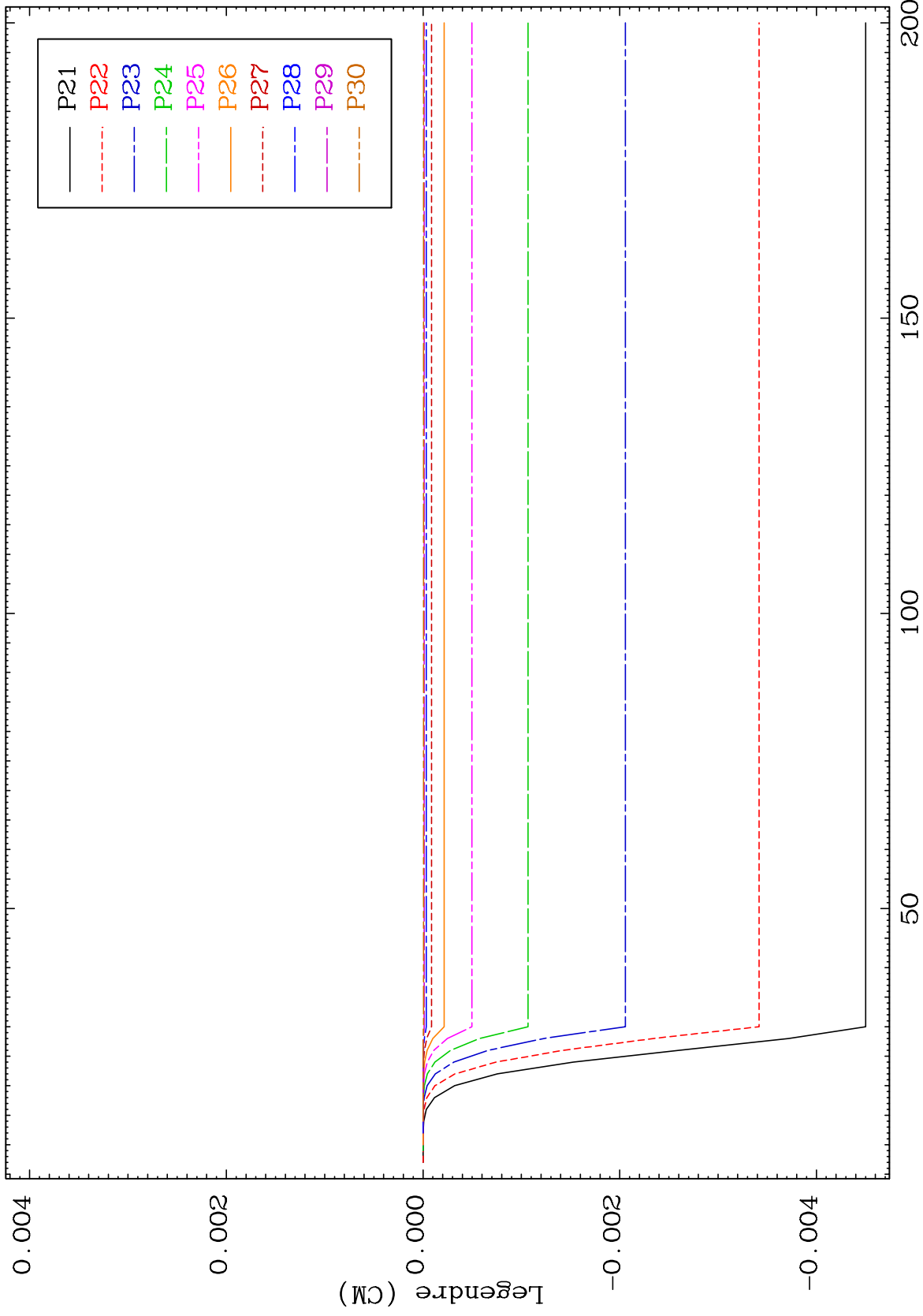
Incident Energy (MeV)

77-Ir-190

MAT 7722

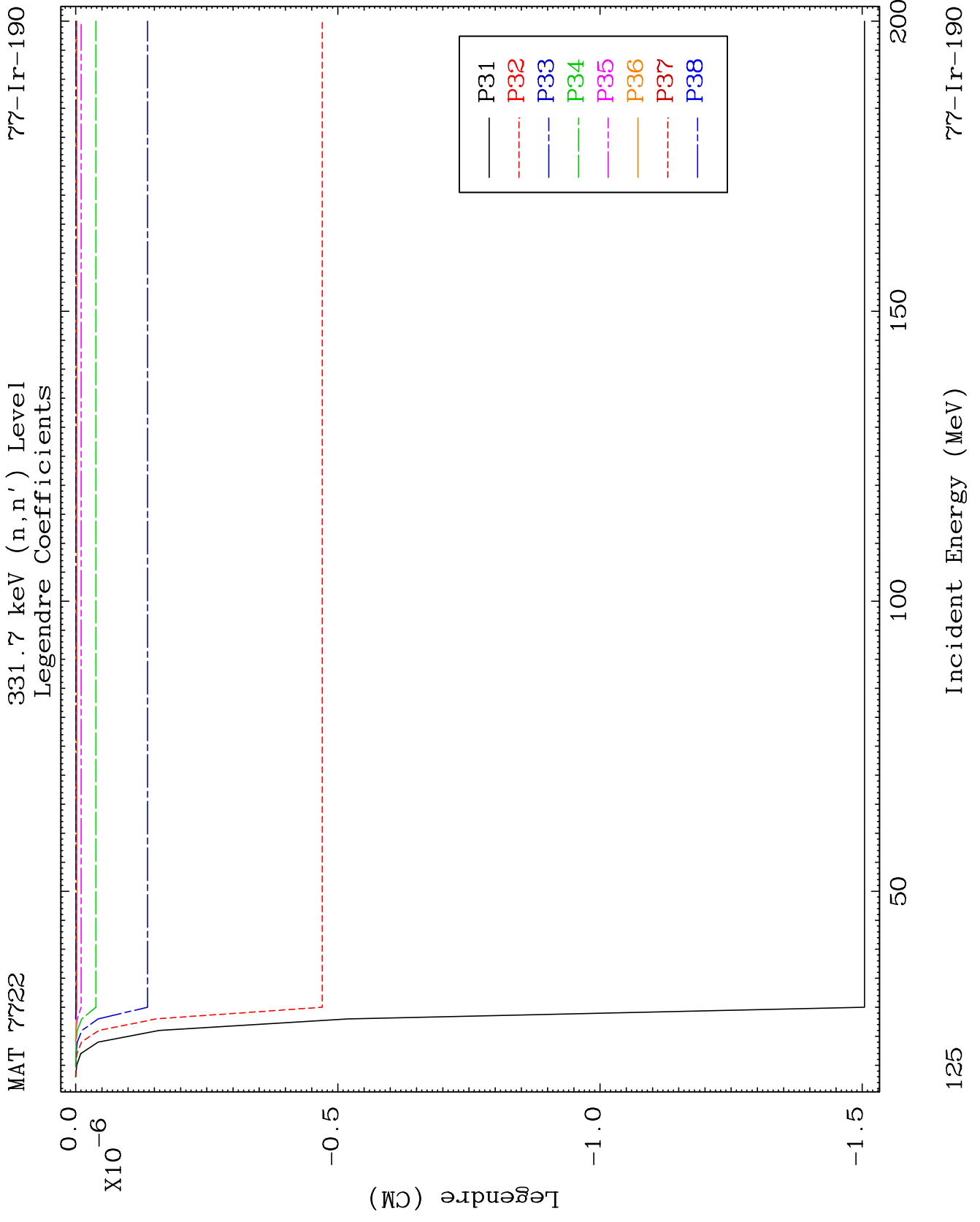
331.7 keV (n,n') Level
Legendre Coefficients

77-Ir-190



124

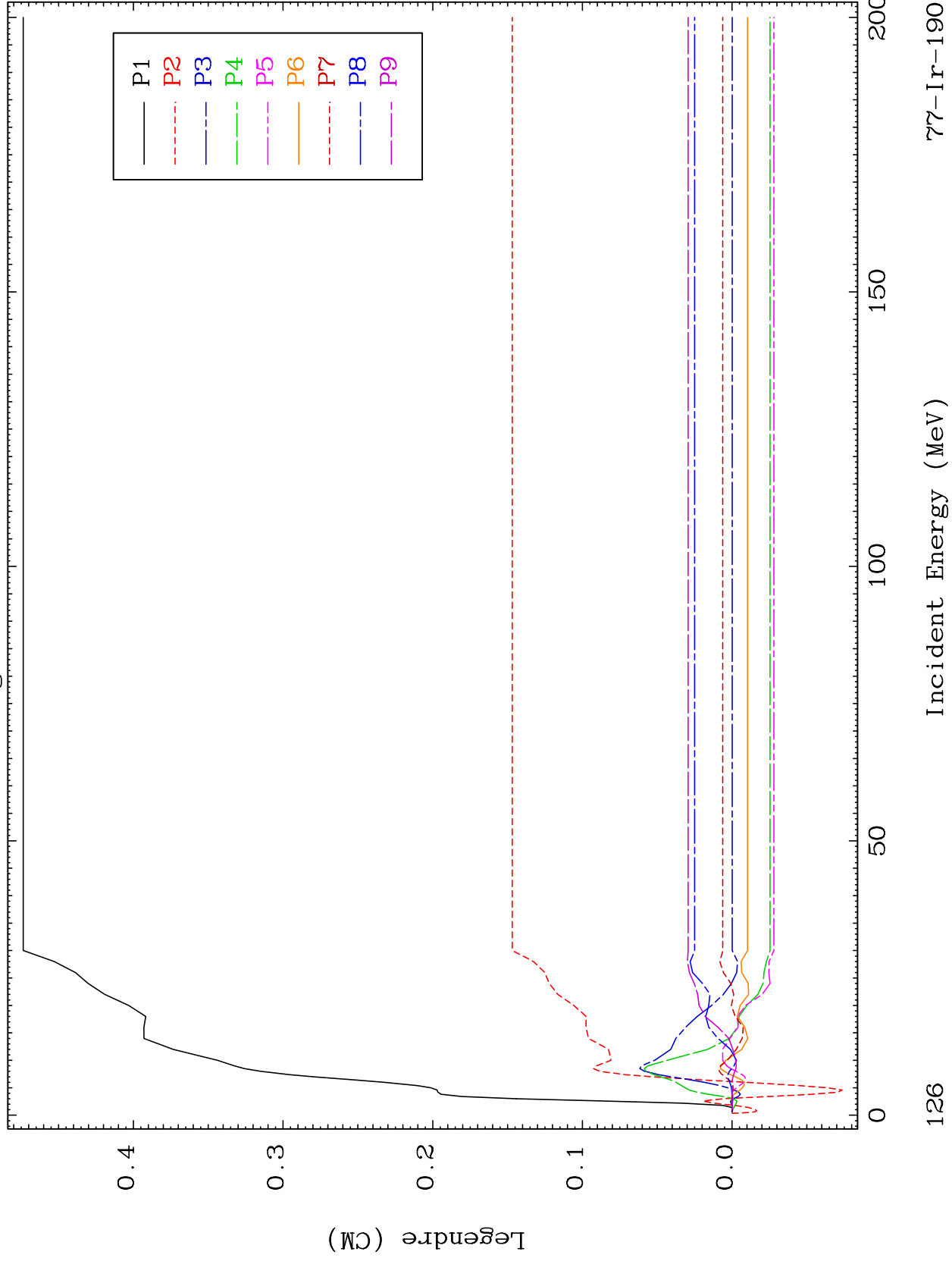
77-Ir-190



MAT 7722

335.2 keV (n,n') Level
Legendre Coefficients

77-Ir-190



77-Ir-190

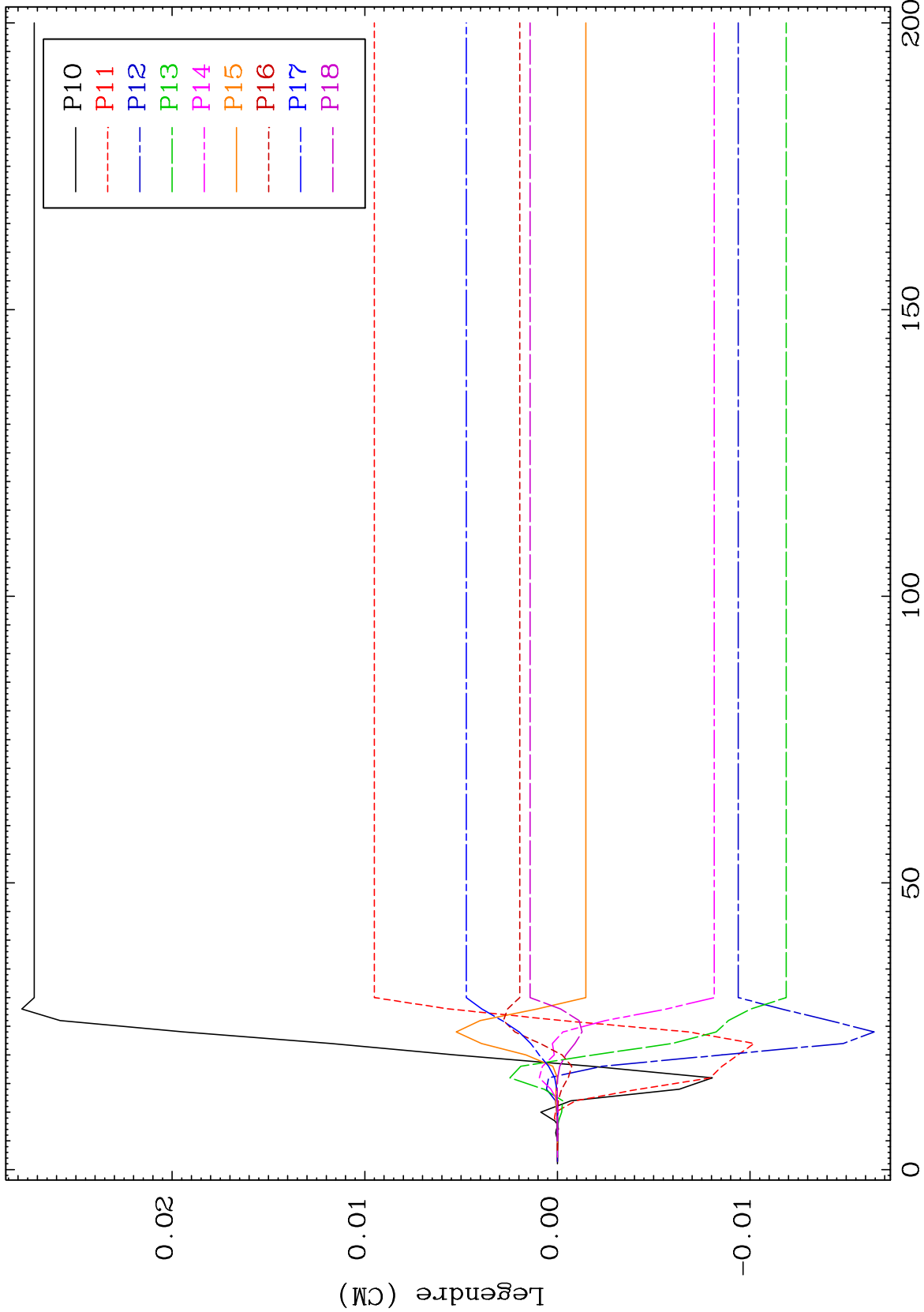
Incident Energy (MeV)

126

MAT 7722

335.2 keV (n,n') Level
Legendre Coefficients

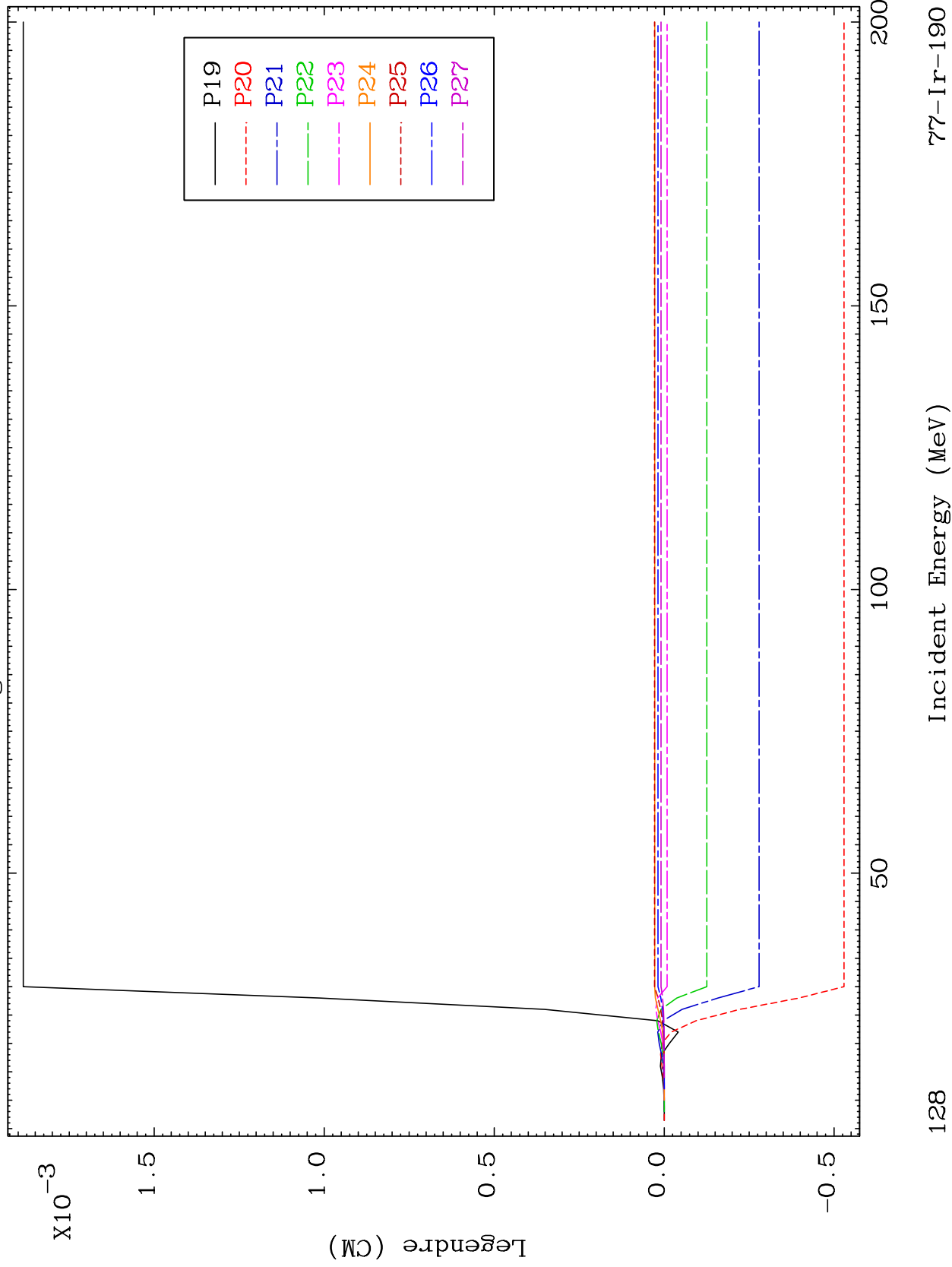
77-Ir-190



127

Incident Energy (MeV)

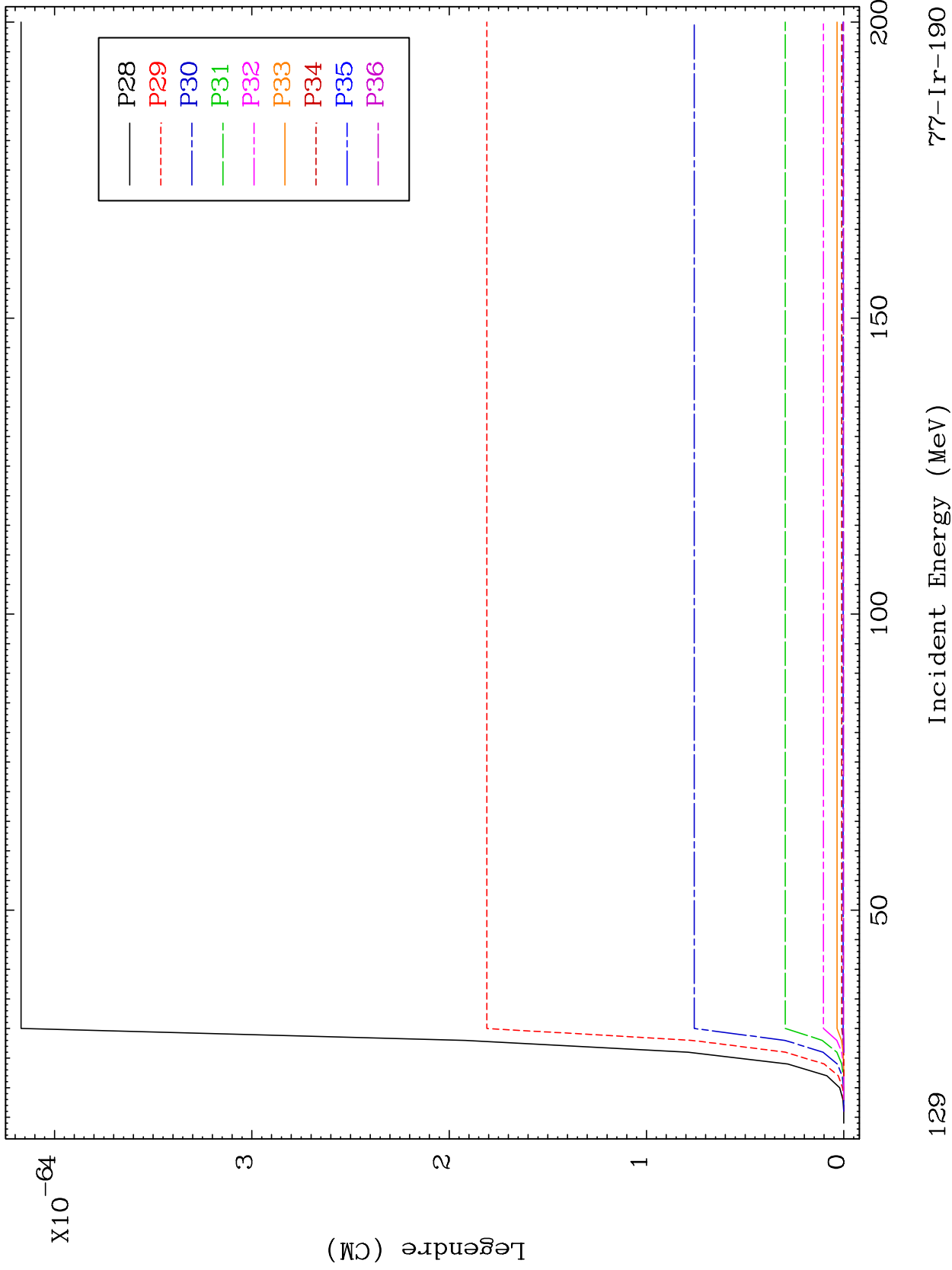
77-Ir-190



MAT 7722

335.2 keV (n,n') Level
Legendre Coefficients

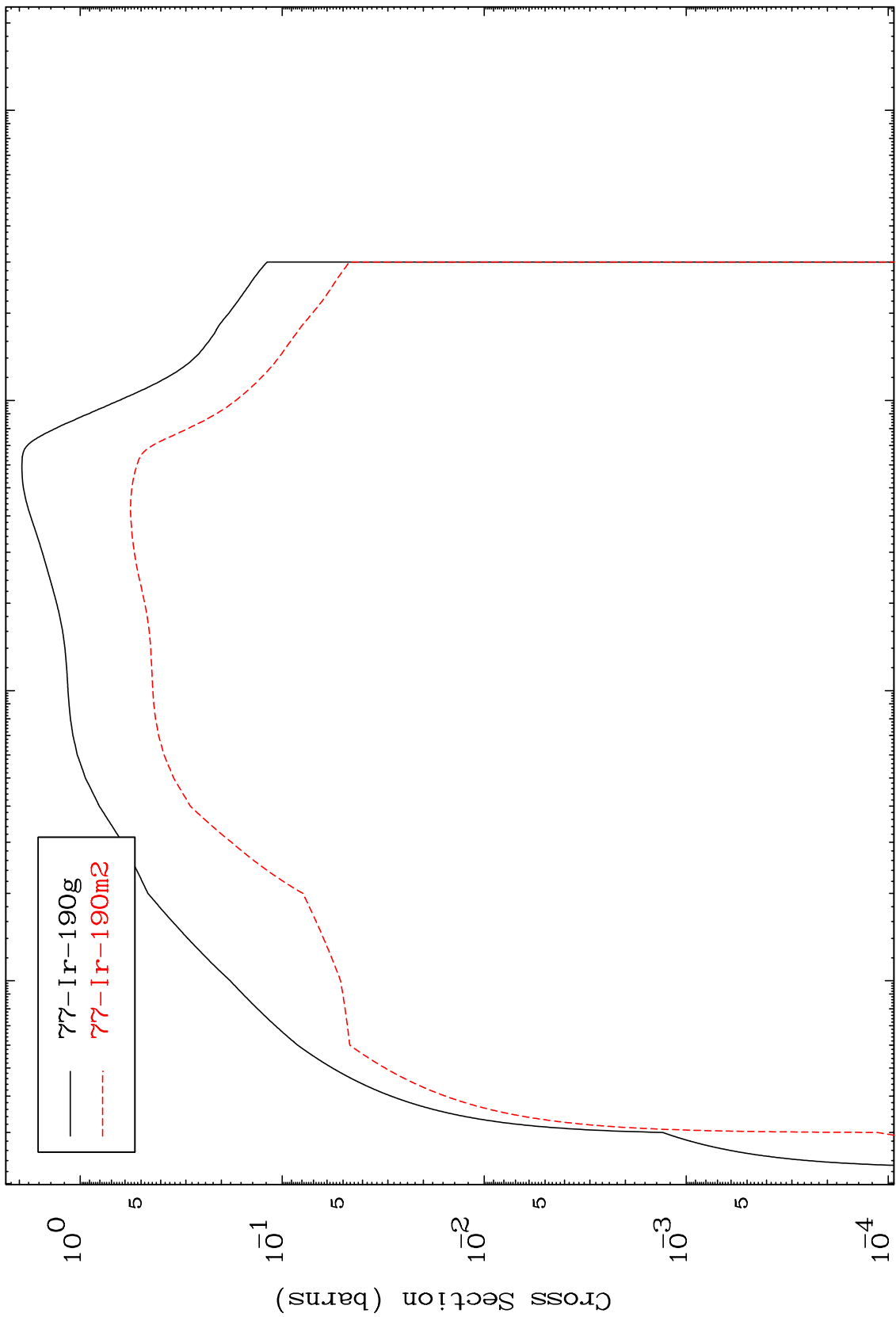
77-Ir-190



MAT 7722

77-Ir-190

Radionuclide Production Cross Section



— $^{77}\text{Ir-190g}$
- - - $^{77}\text{Ir-190m2}$

77-Ir-190

Incident Energy (MeV)

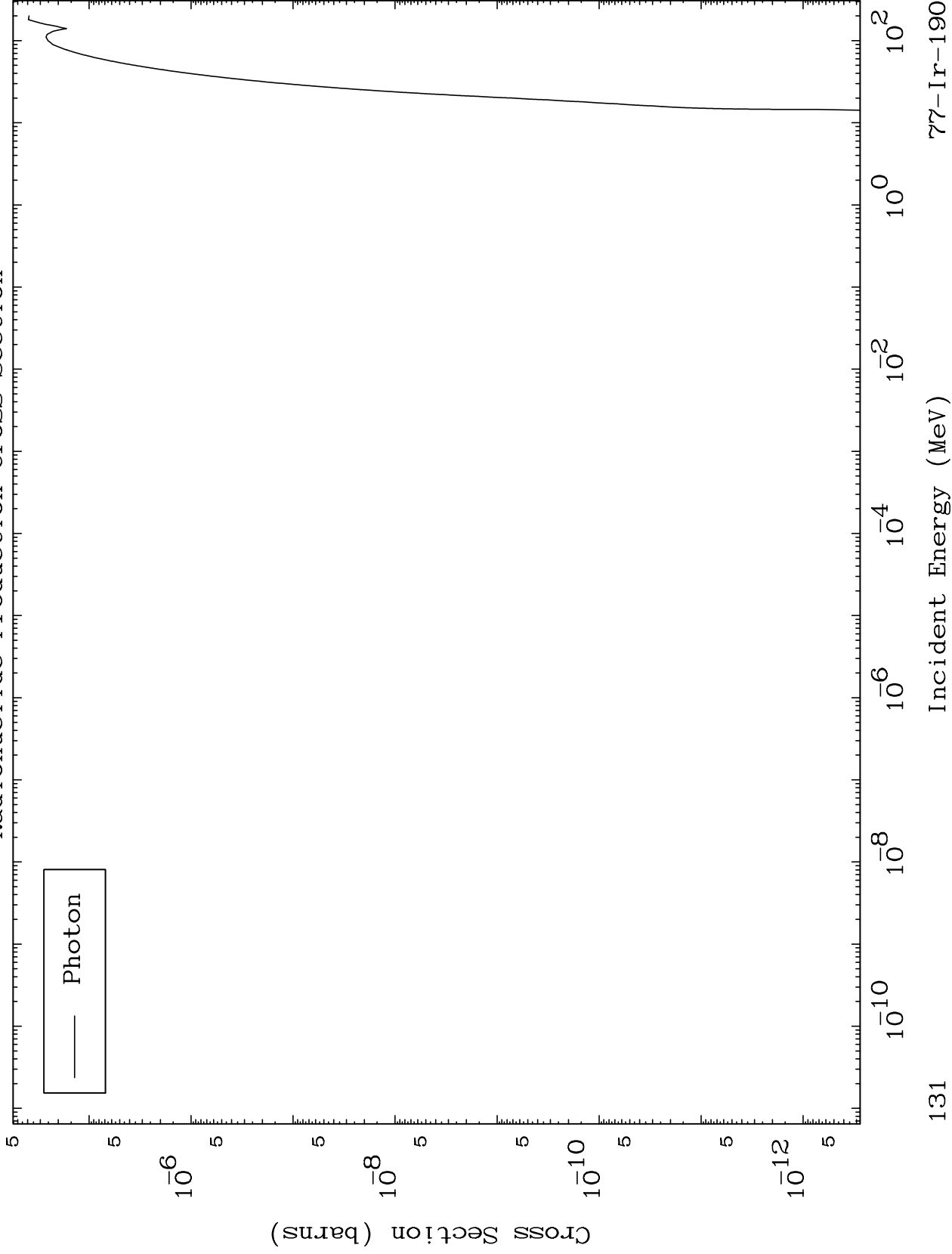
130

MAT 7722

Fission

⁷⁷Ir-190

Radionuclide Production Cross Section



131

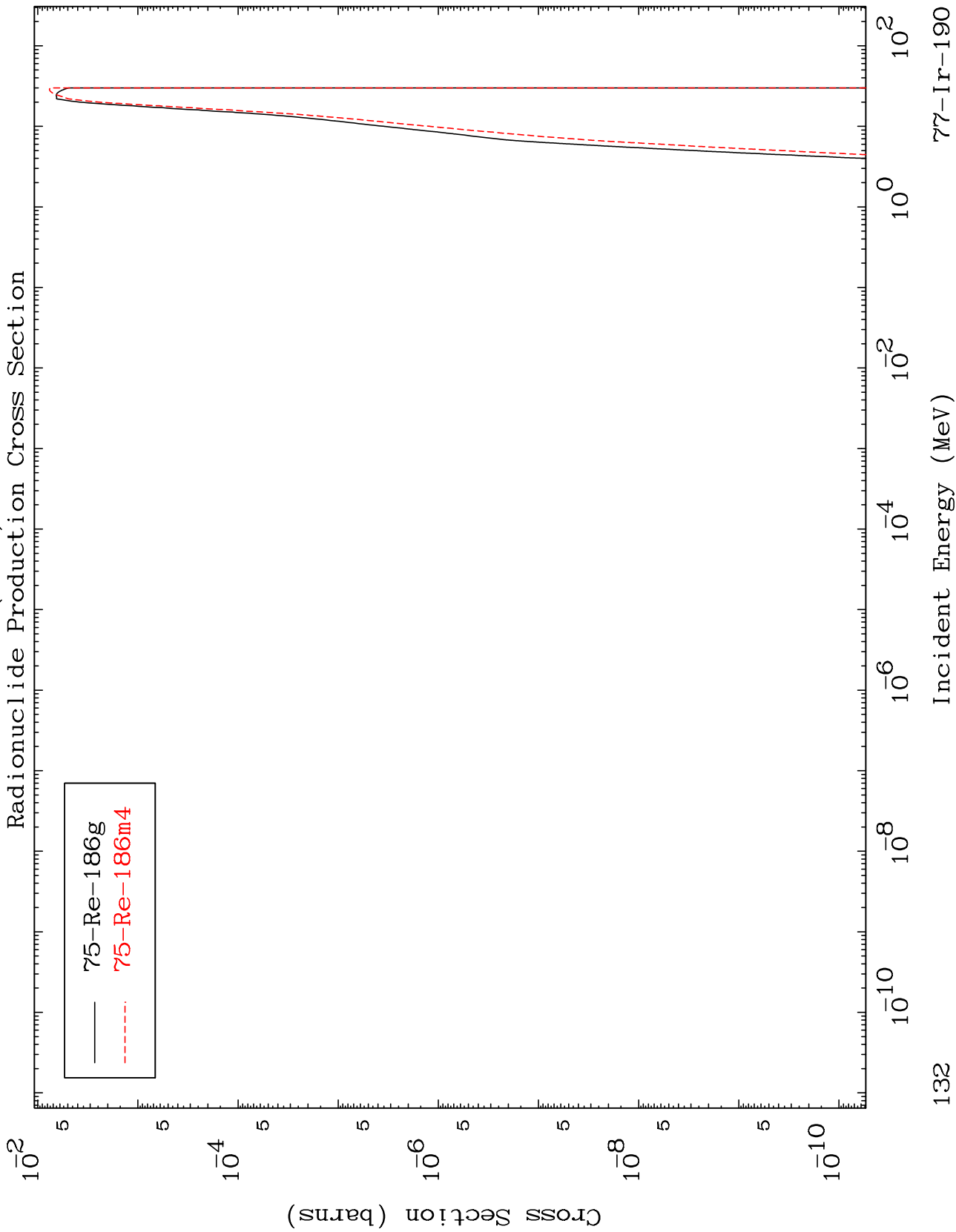
Incident Energy (MeV)

⁷⁷Ir-190

MAT 7722

$(n, n') \alpha$

$^{77}\text{Ir-190}$

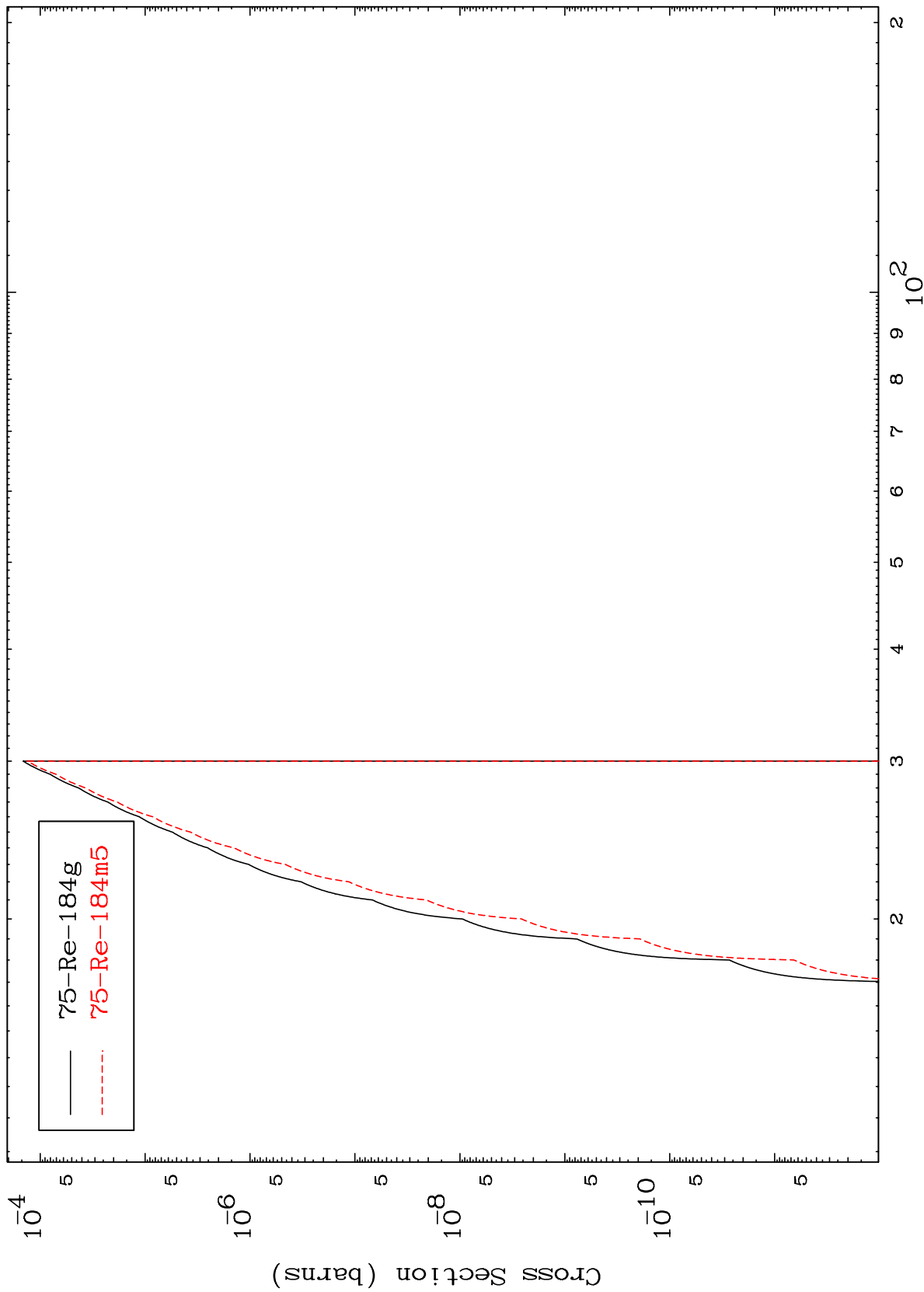


MAT 7722

⁷⁷Ir-190

(n,3n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-190

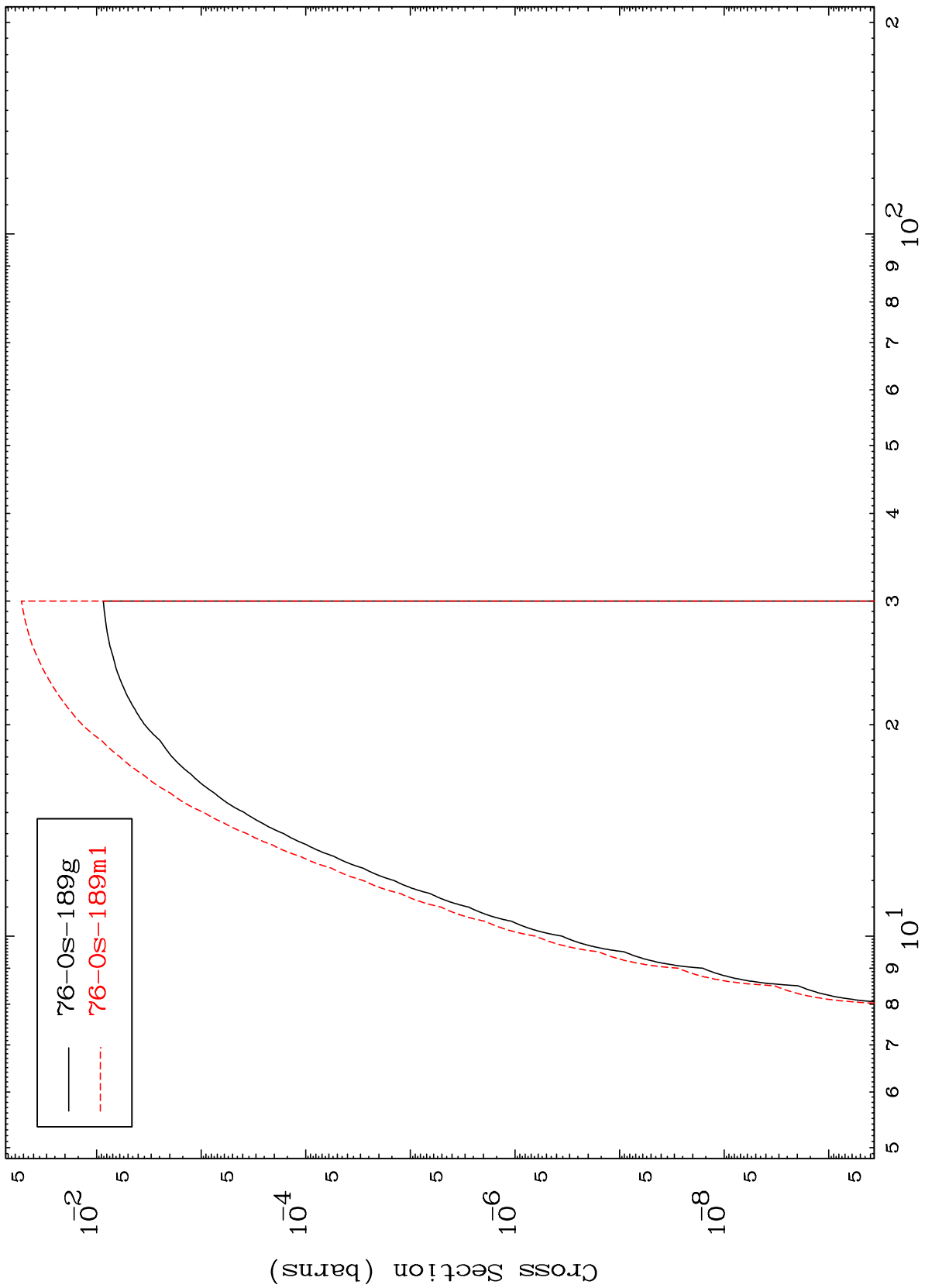
133

MAT 7722

(n, n') p

$^{77}\text{Ir-190}$

Radionuclide Production Cross Section



134

Incident Energy (MeV)

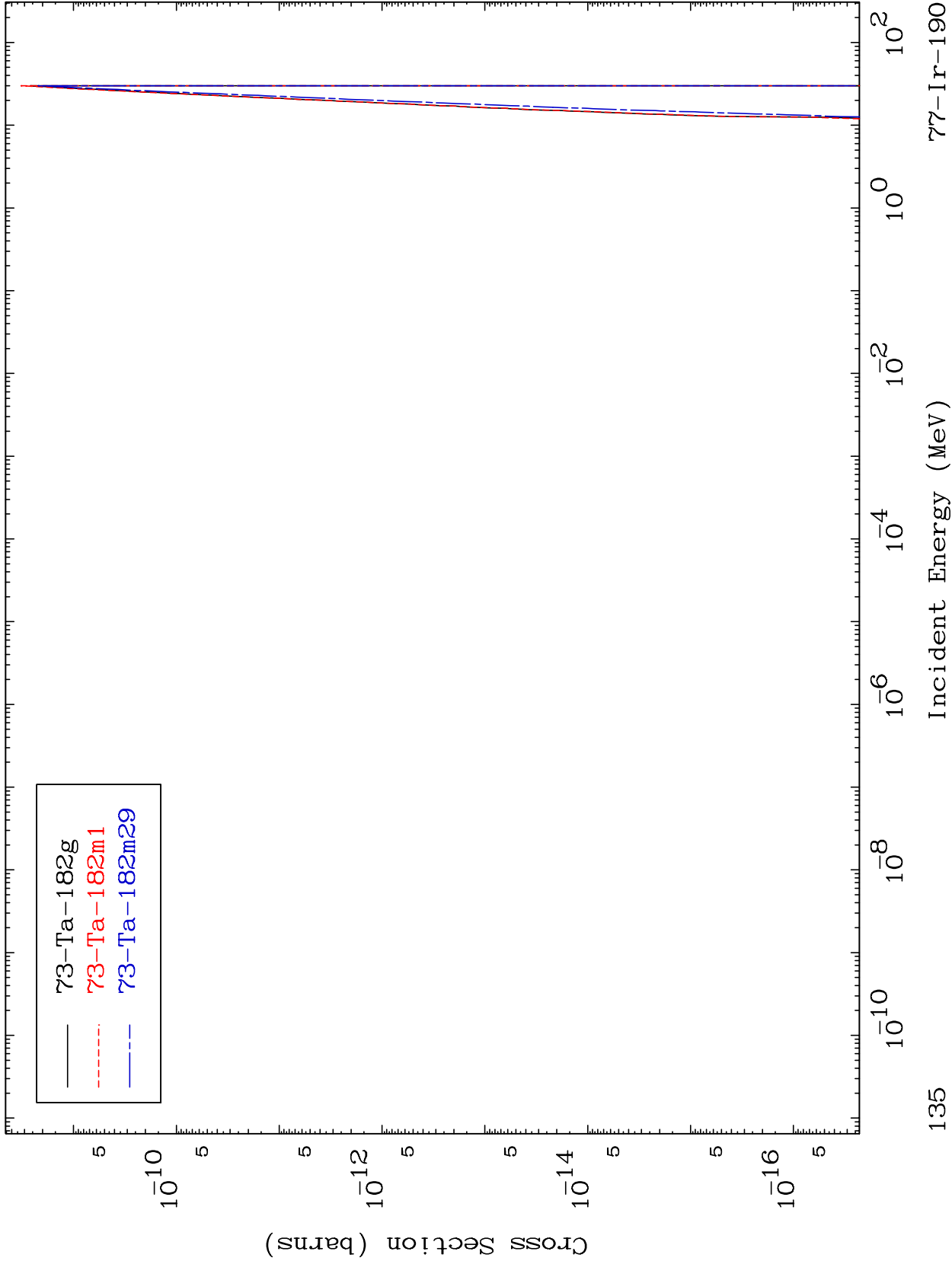
$^{77}\text{Ir-190}$

MAT 7722

(n,n') 2α

⁷⁷Ir-190

Radionuclide Production Cross Section

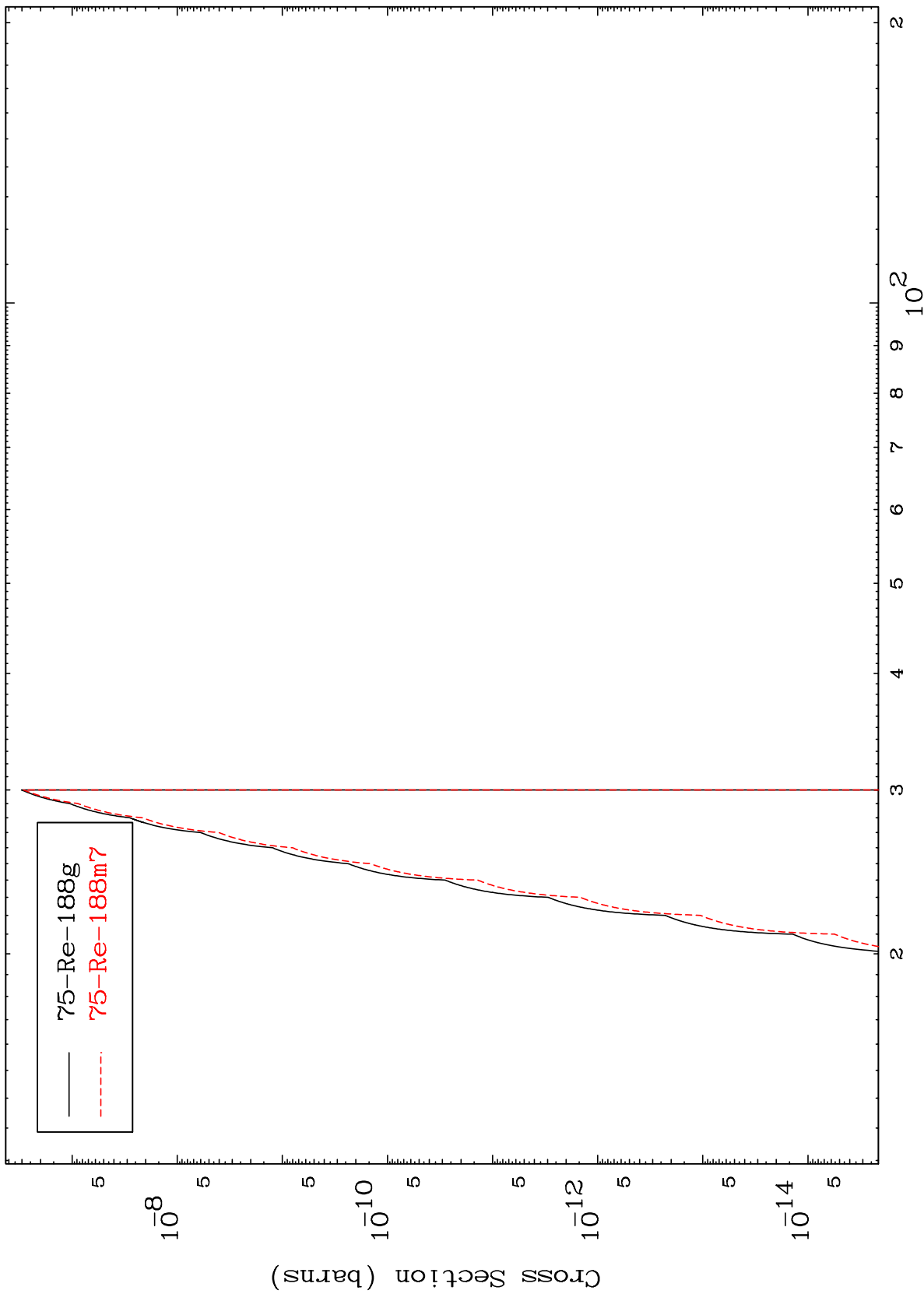


135

Incident Energy (MeV)

⁷⁷Ir-190

(n,2n) p
Radionuclide Production Cross Section

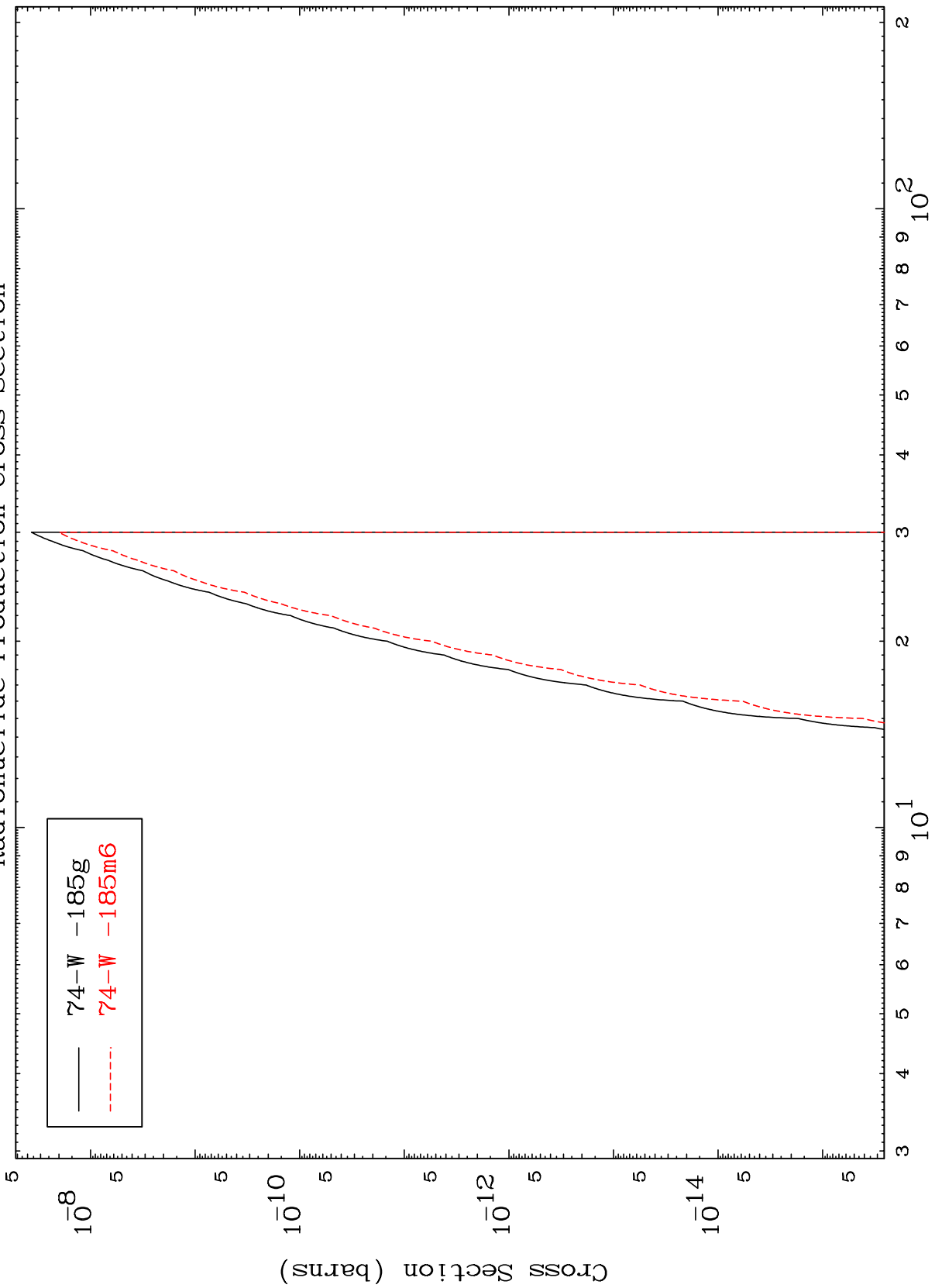


MAT 7722

(n,n') p α

77-Ir-190

Radionuclide Production Cross Section



137

Incident Energy (MeV)

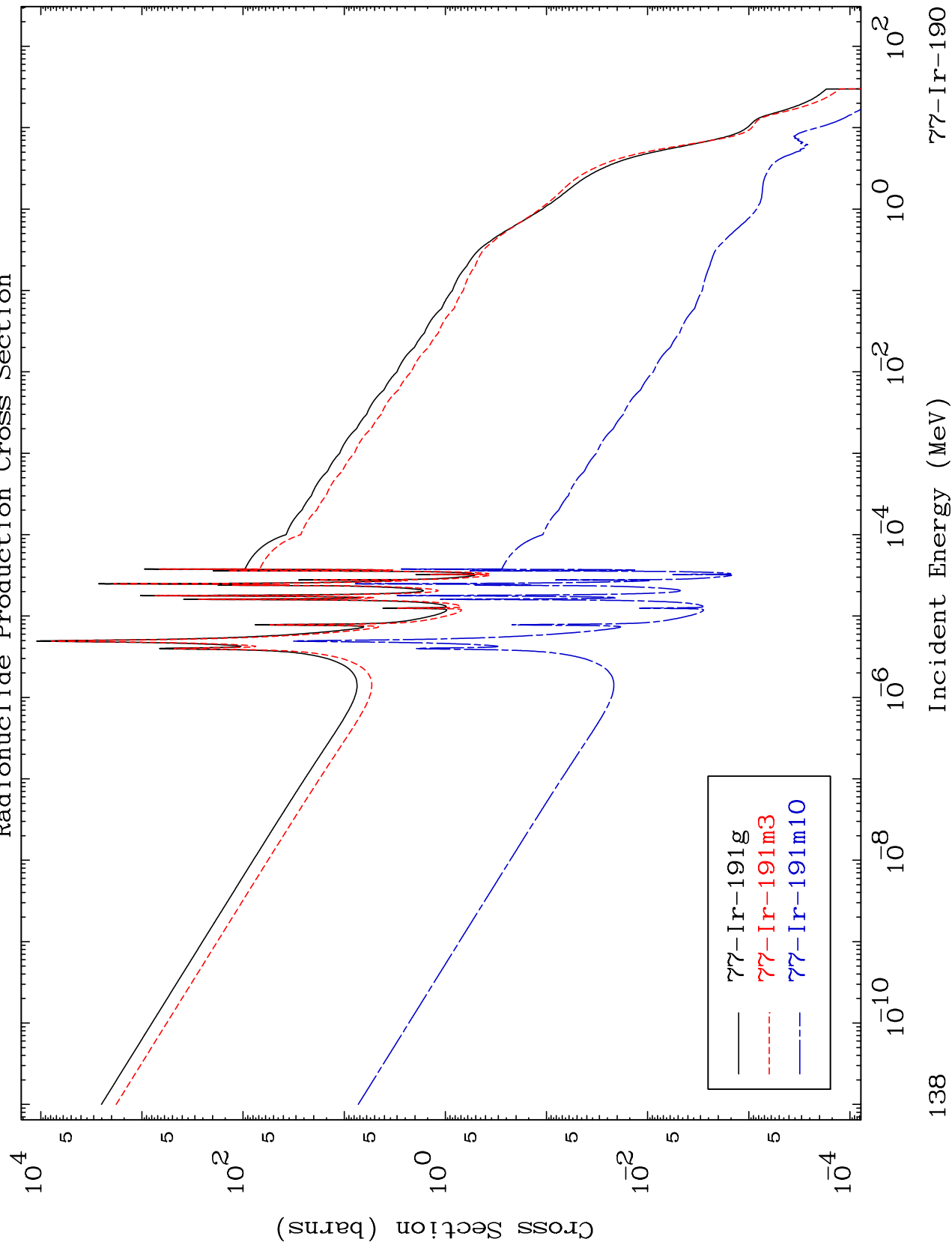
77-Ir-190

MAT 7722

⁷⁷Ir-190

Radionuclide Production Cross Section

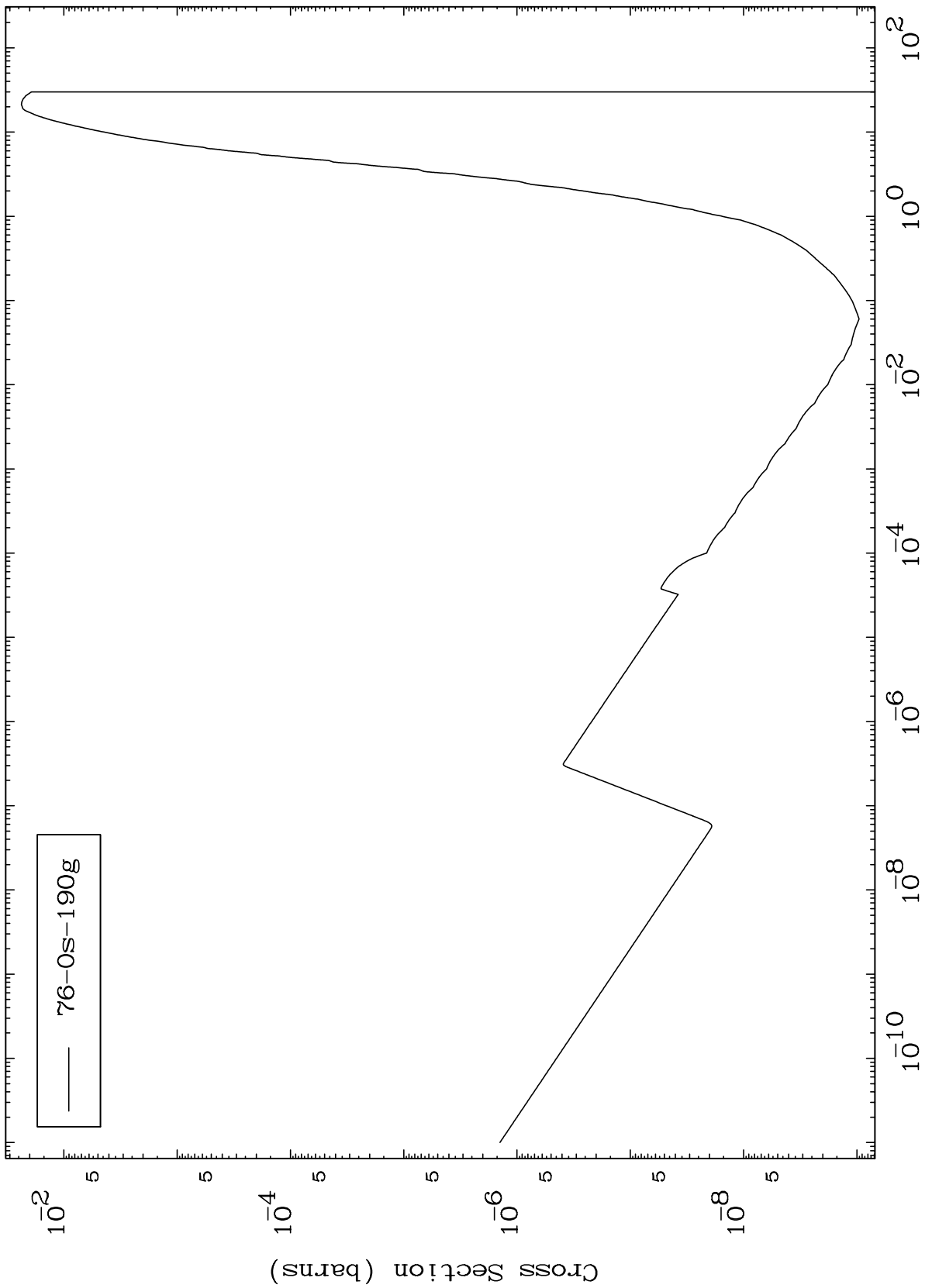
(n,γ)



MAT 7722

77-Ir-190

(n,p)
Radionuclide Production Cross Section



76-Os-190g

77-Ir-190

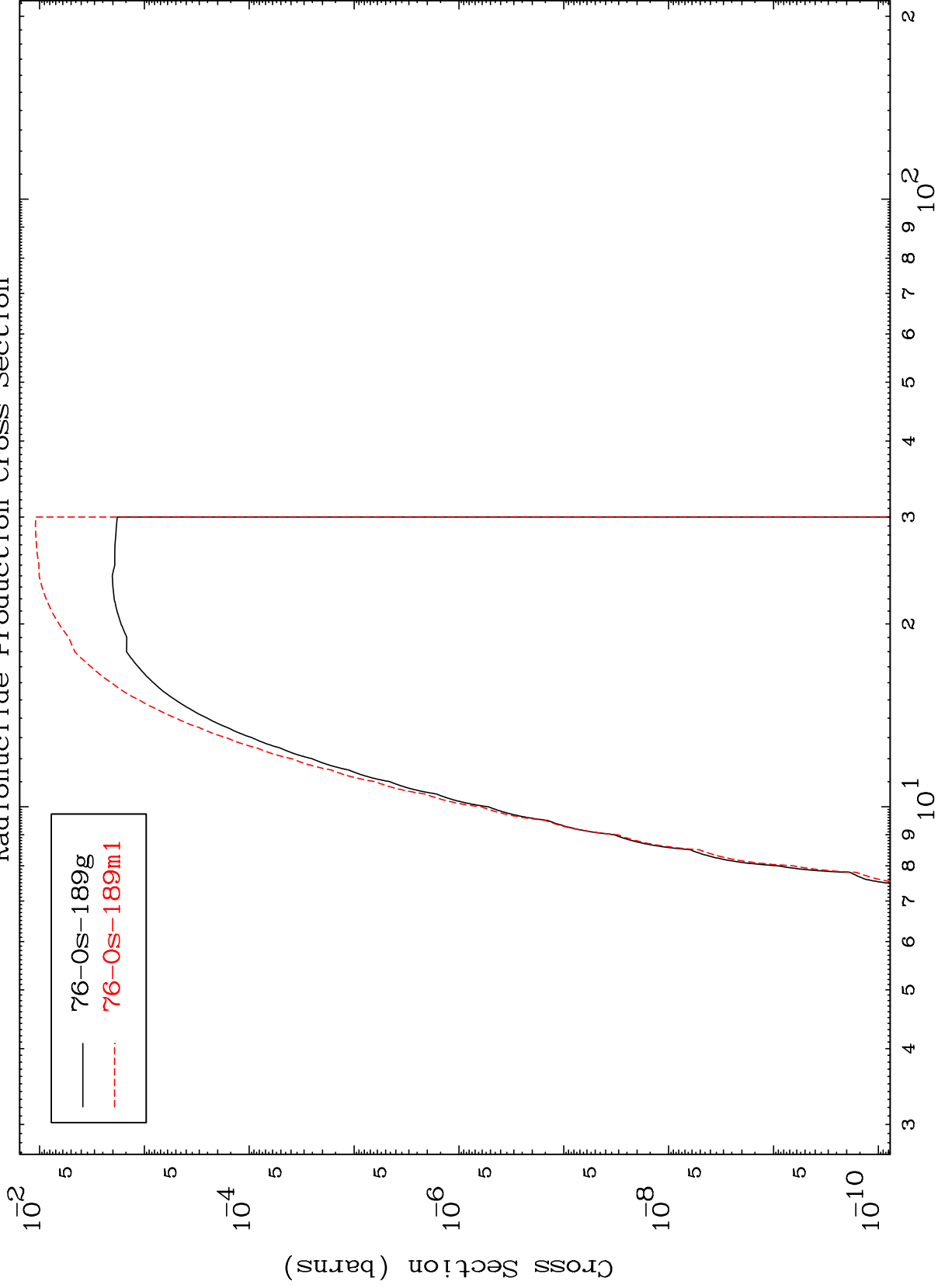
Incident Energy (MeV)

139

MAT 7722

⁷⁷Ir-190

(n,d)
Radionuclide Production Cross Section



⁷⁷Ir-190

Incident Energy (MeV)

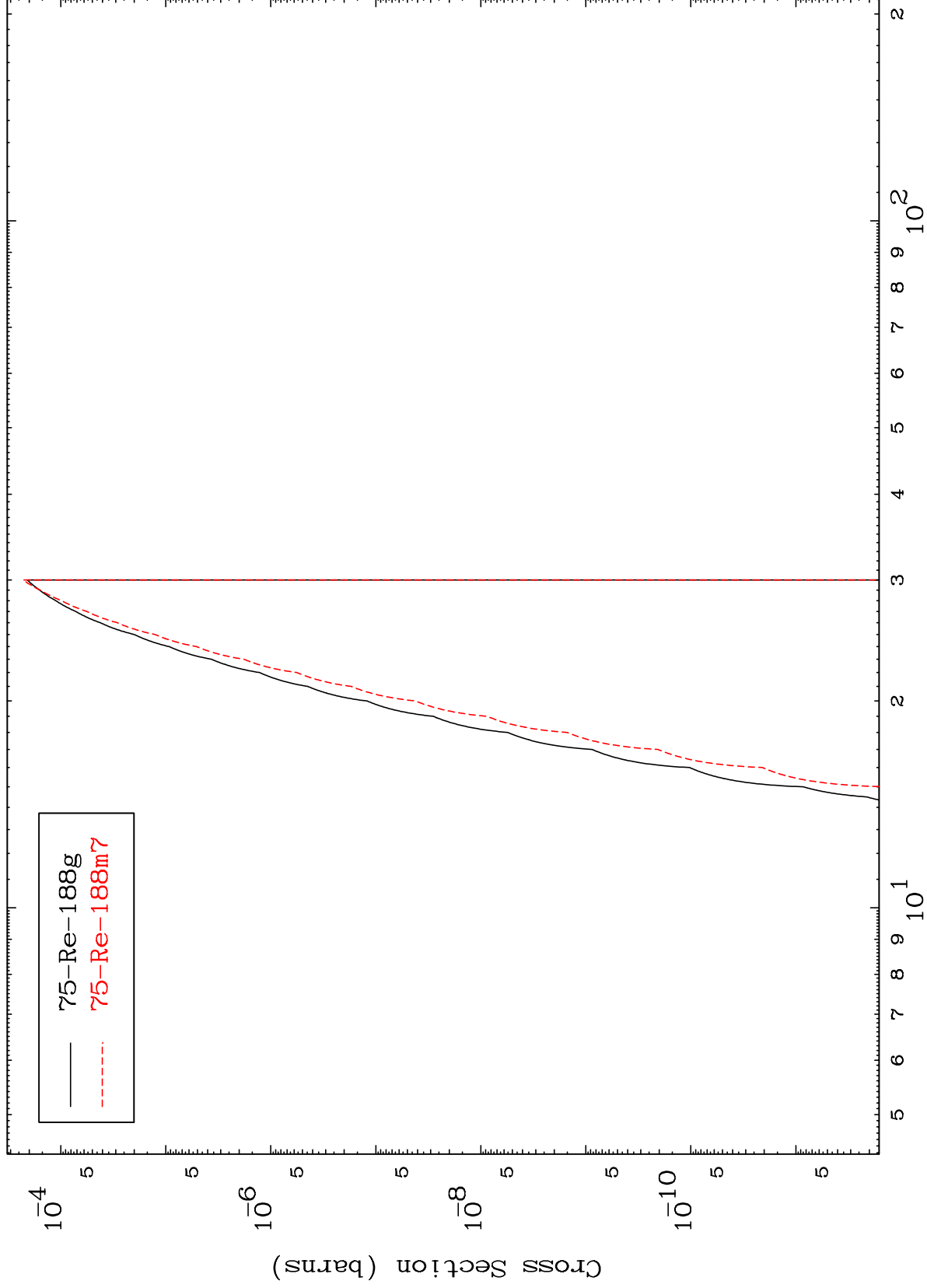
140

MAT 7722

(n,He-3)

77-Ir-190

Radionuclide Production Cross Section



75-Re-188g
75-Re-188m7

141

Incident Energy (MeV)

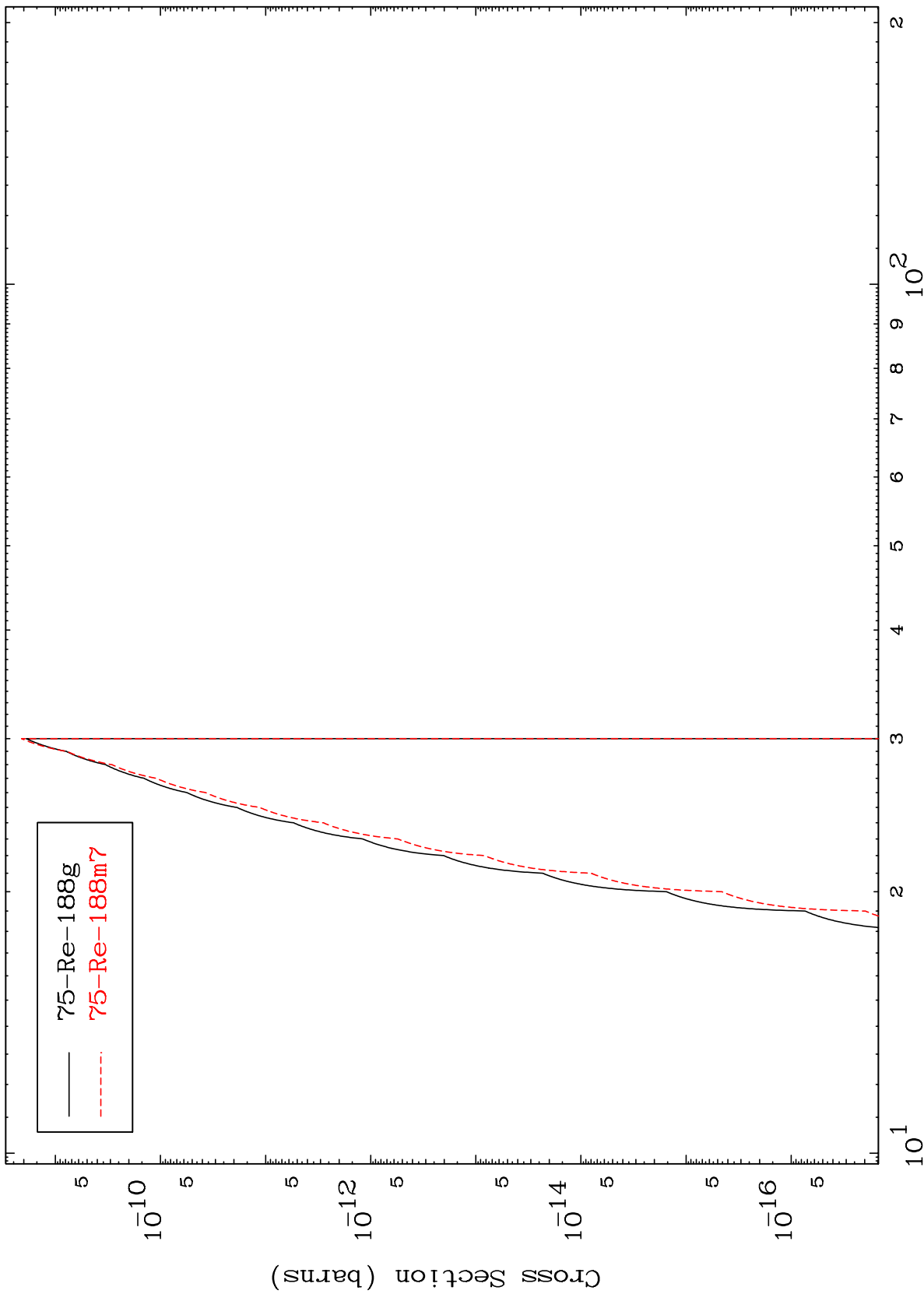
77-Ir-190

MAT 7722

(n,p) d

77-Ir-190

Radionuclide Production Cross Section

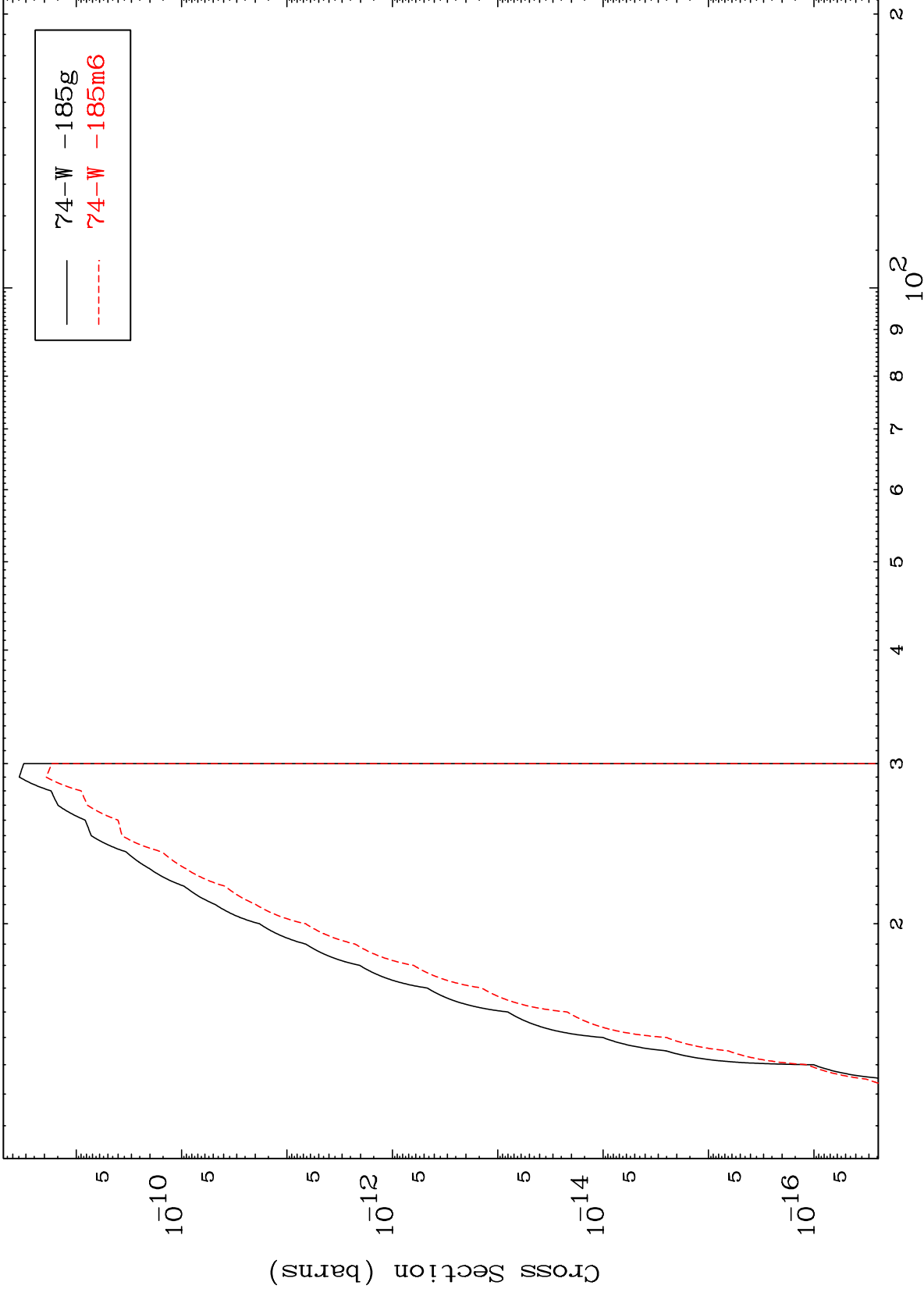


142

Incident Energy (MeV)

77-Ir-190

Radionuclide Production Cross Section



74-W - 185g
74-W - 185m6