

Program EVALPLOT
(Version 2015-2)

by

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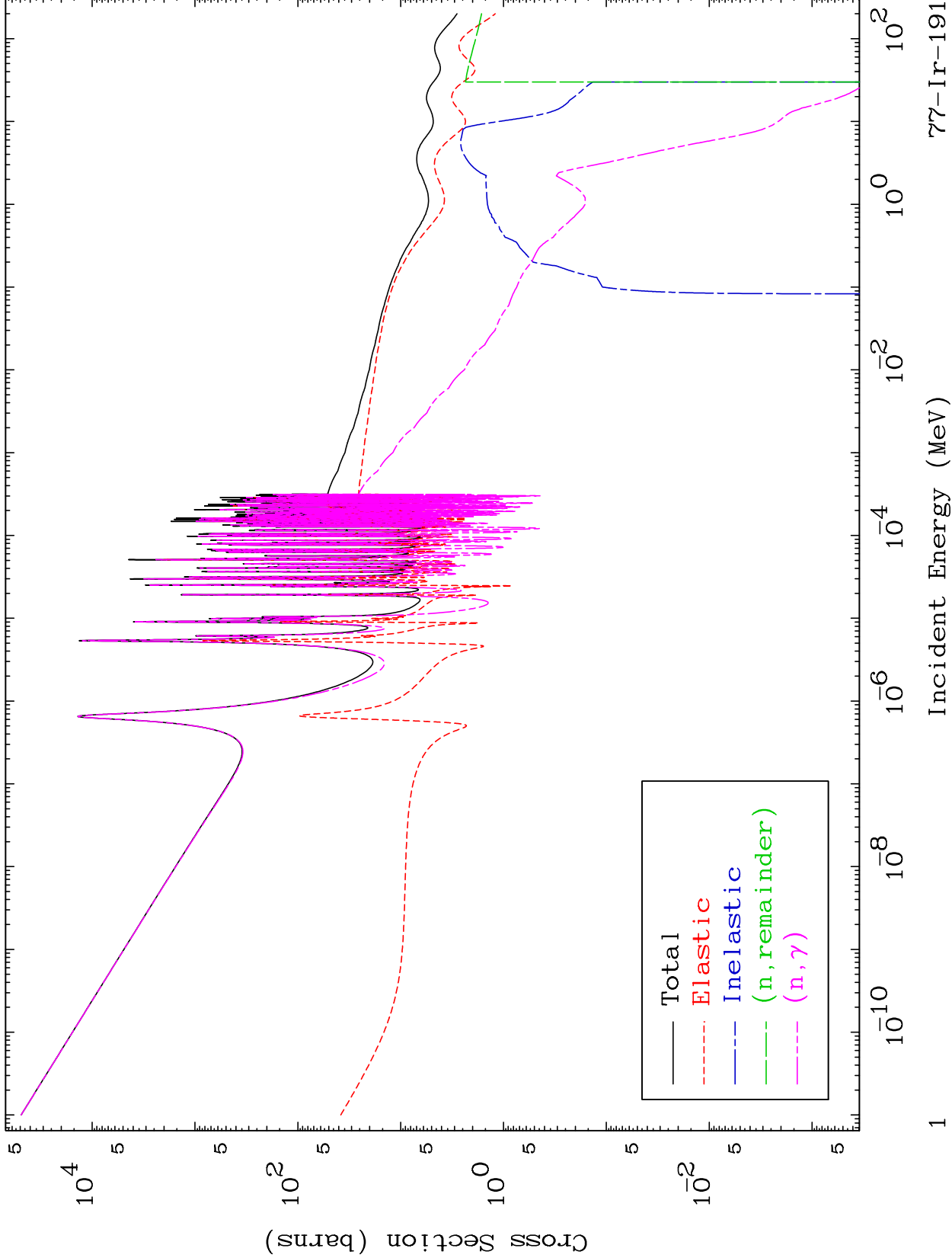
Press Mouse Button to Start

MAT 7725

Major

293 Kelvin Cross Sections

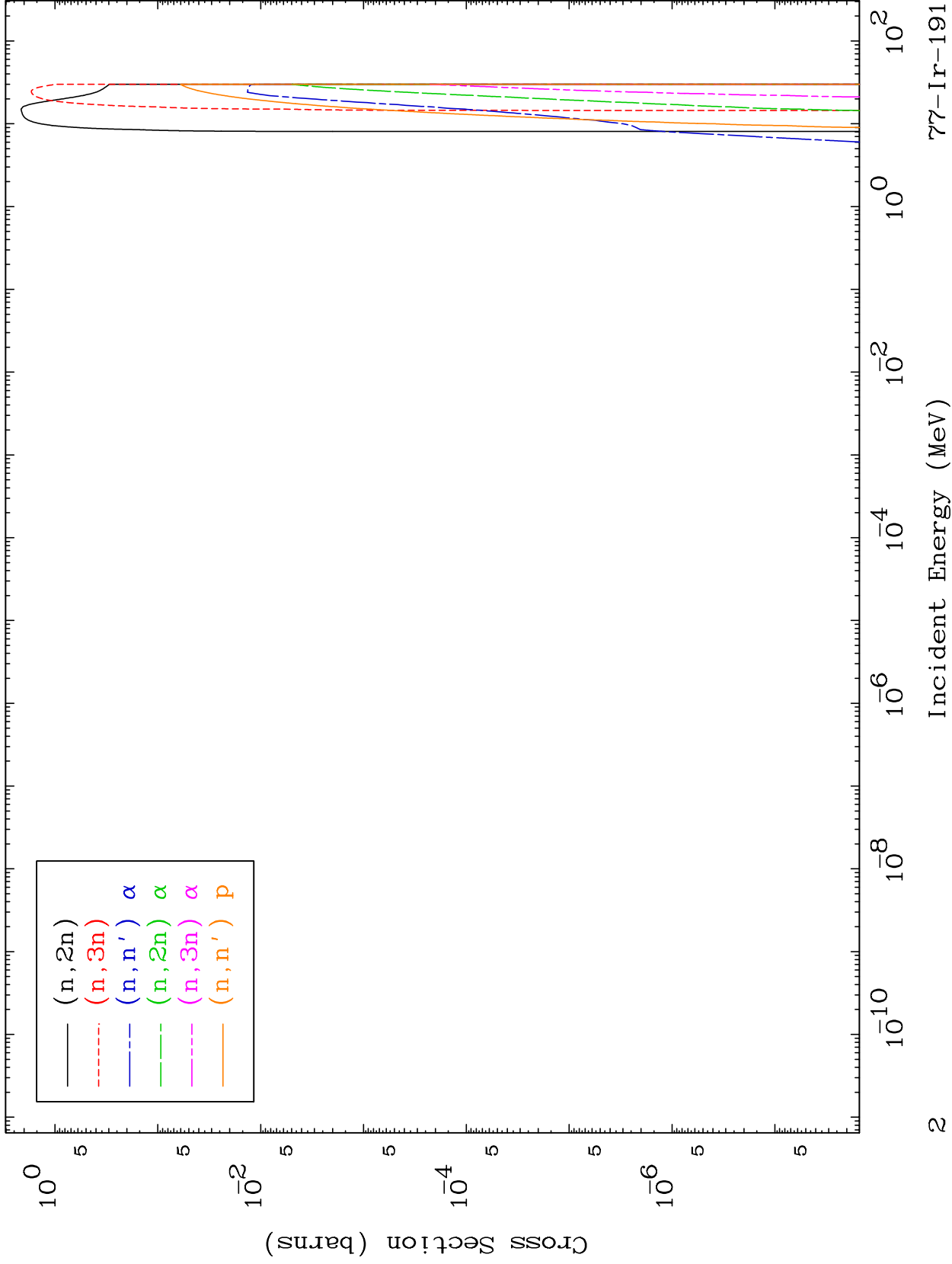
77-Ir-191

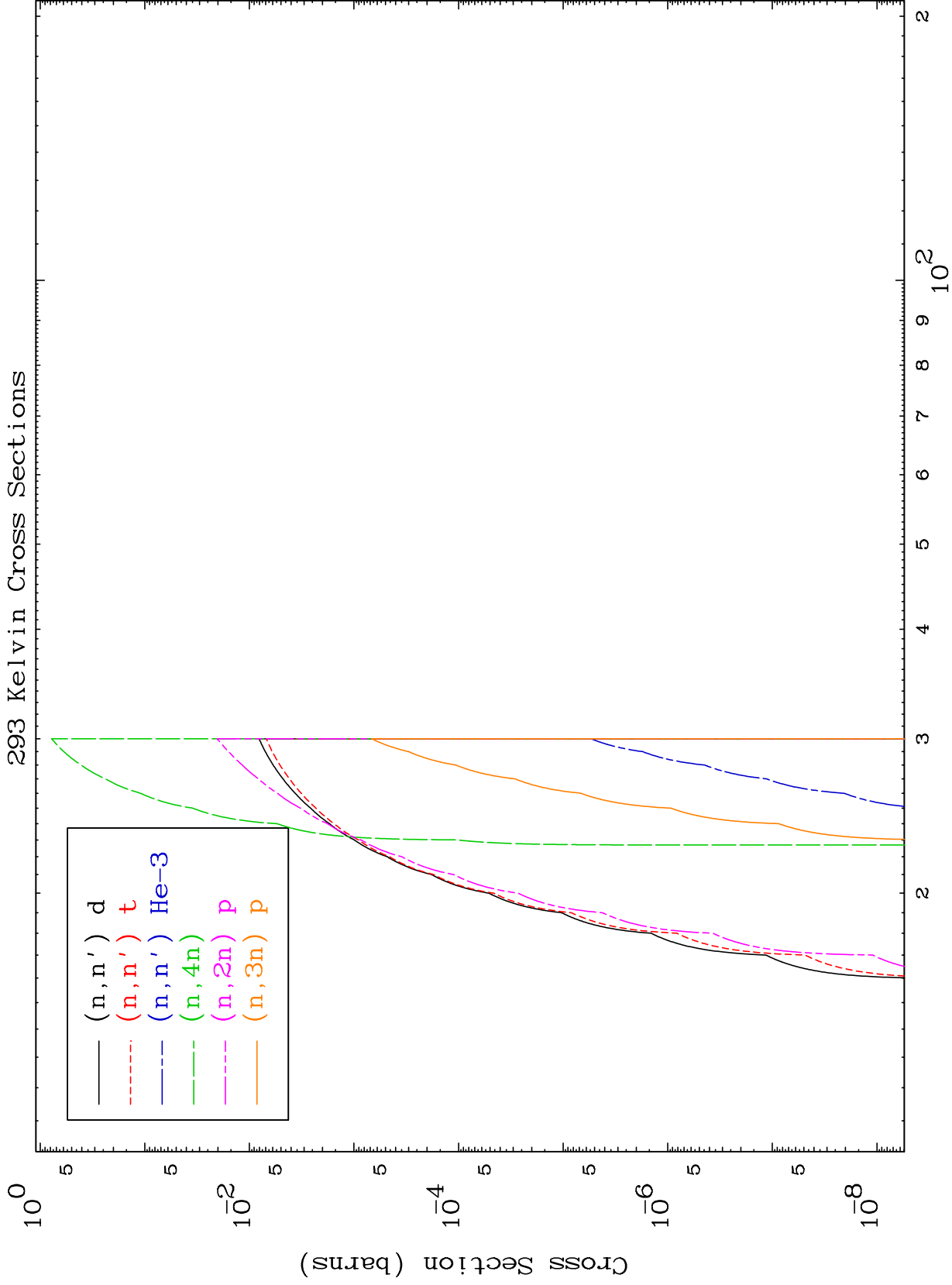


MAT 7725

Neutron Production
293 Kelvin Cross Sections

77-Ir-191

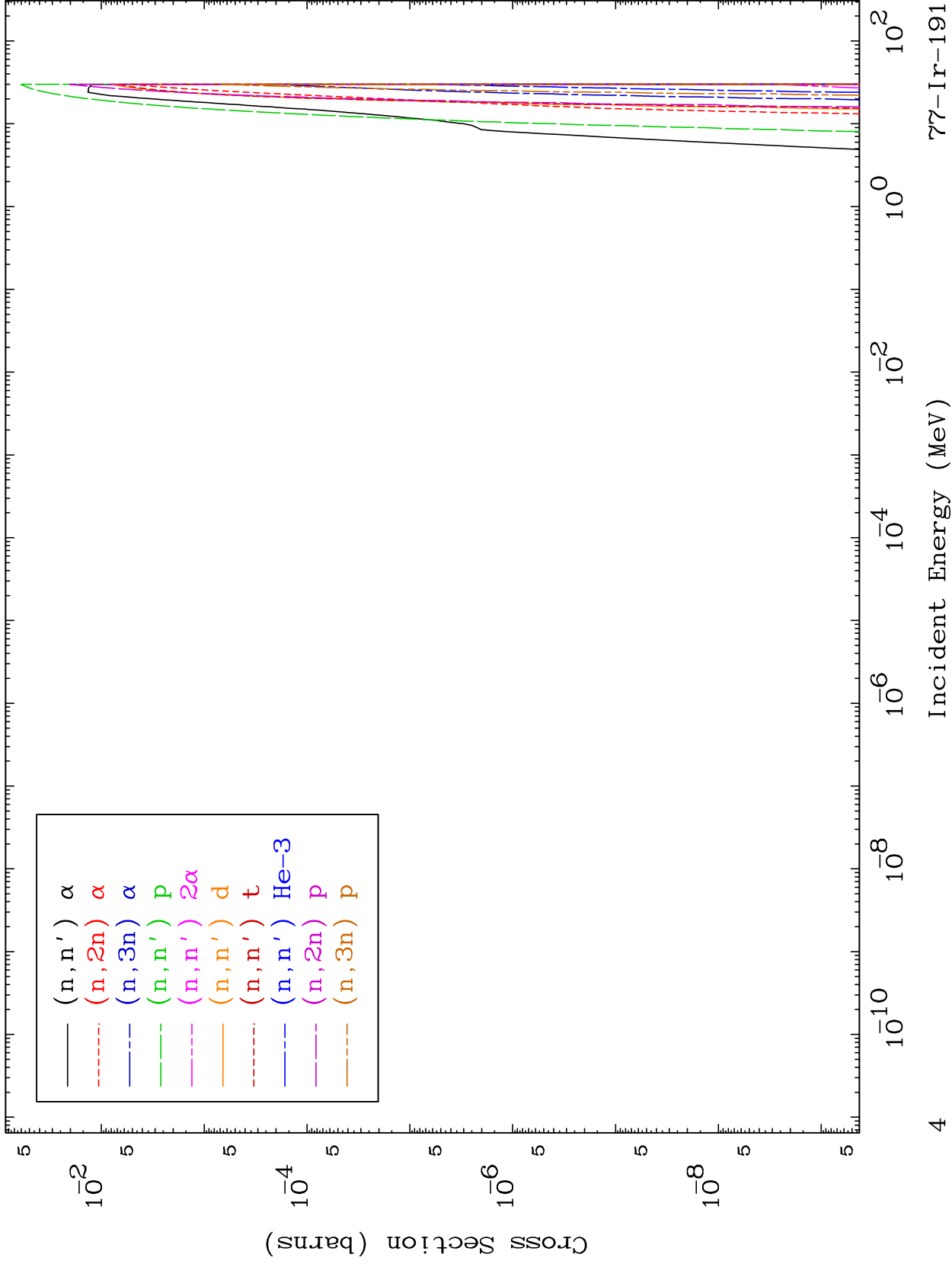




MAT 7725

Charged Particle
293 Kelvin Cross Sections

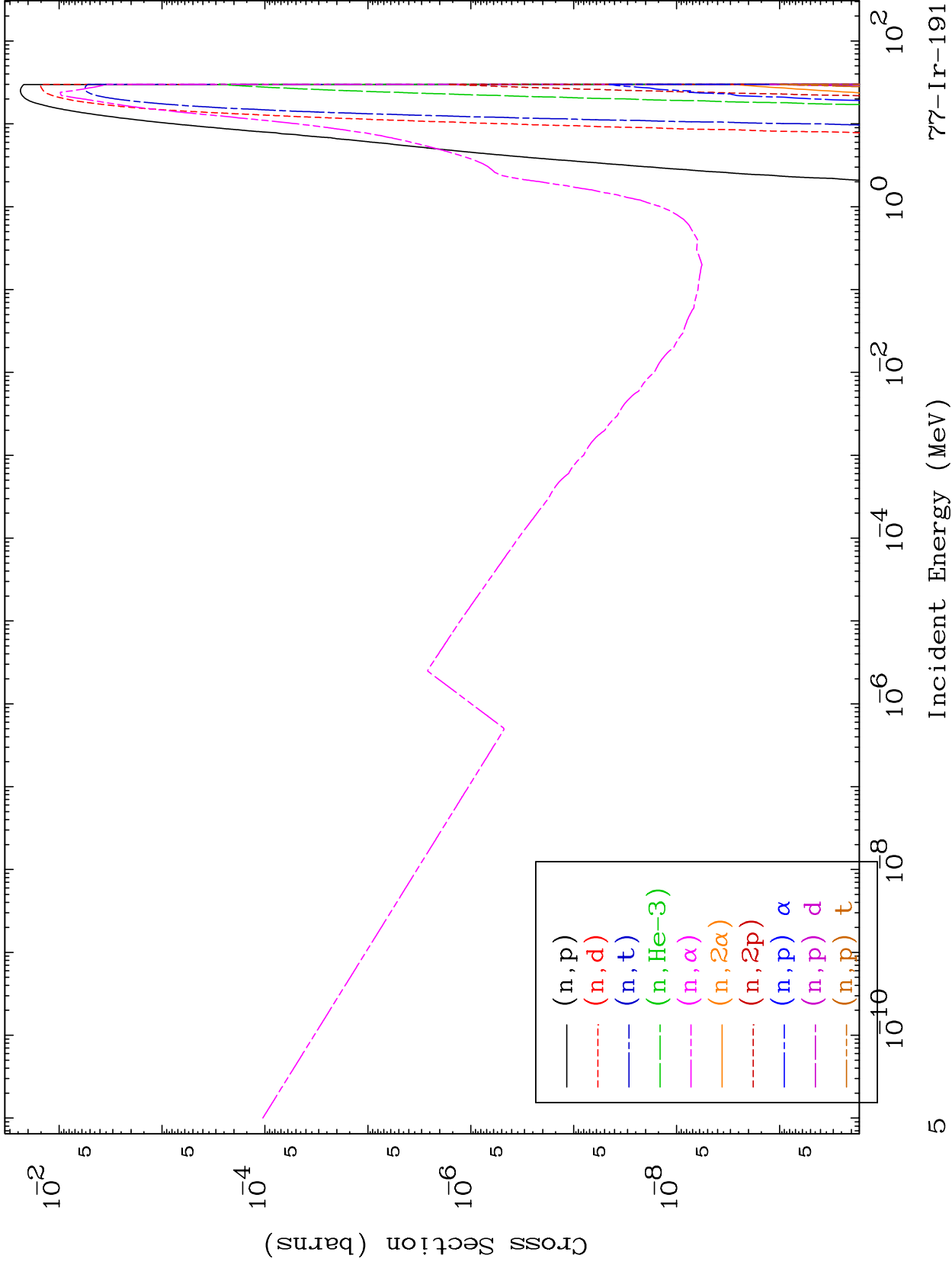
77-Ir-191

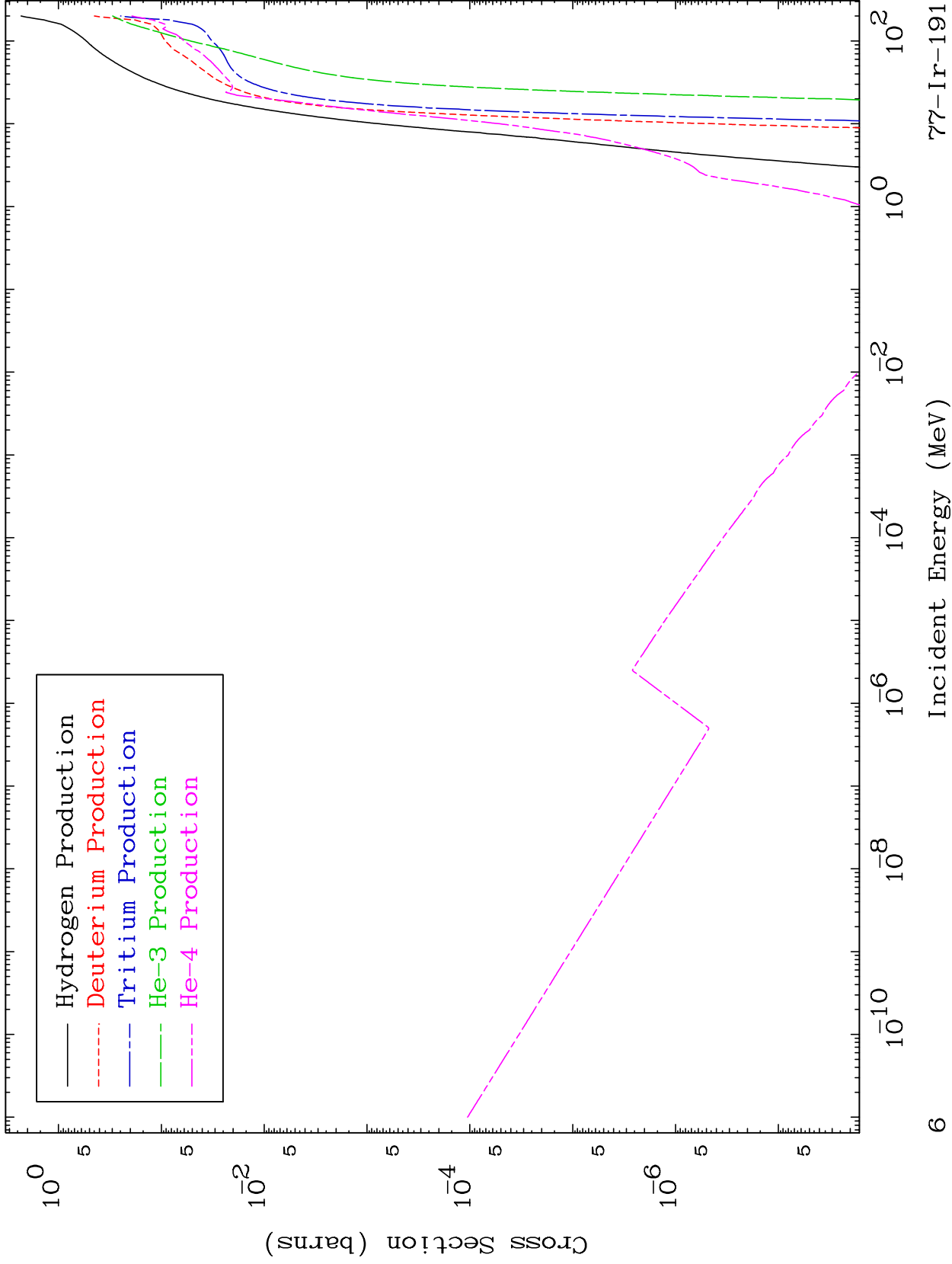


MAT 7725

Charged Particle
293 Kelvin Cross Sections

77-Ir-191



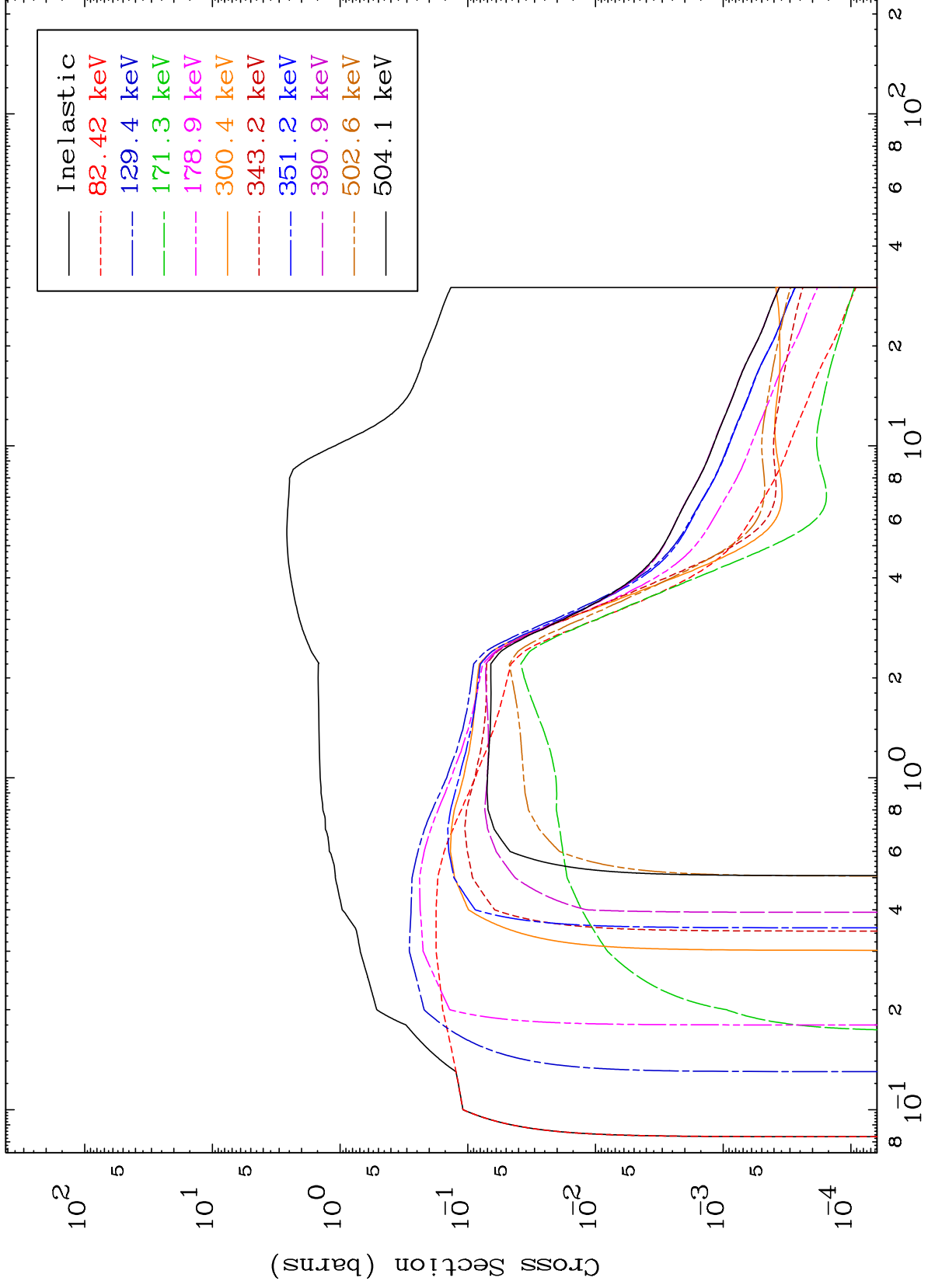


MAT 7725

(n,n') Level

77-Ir-191

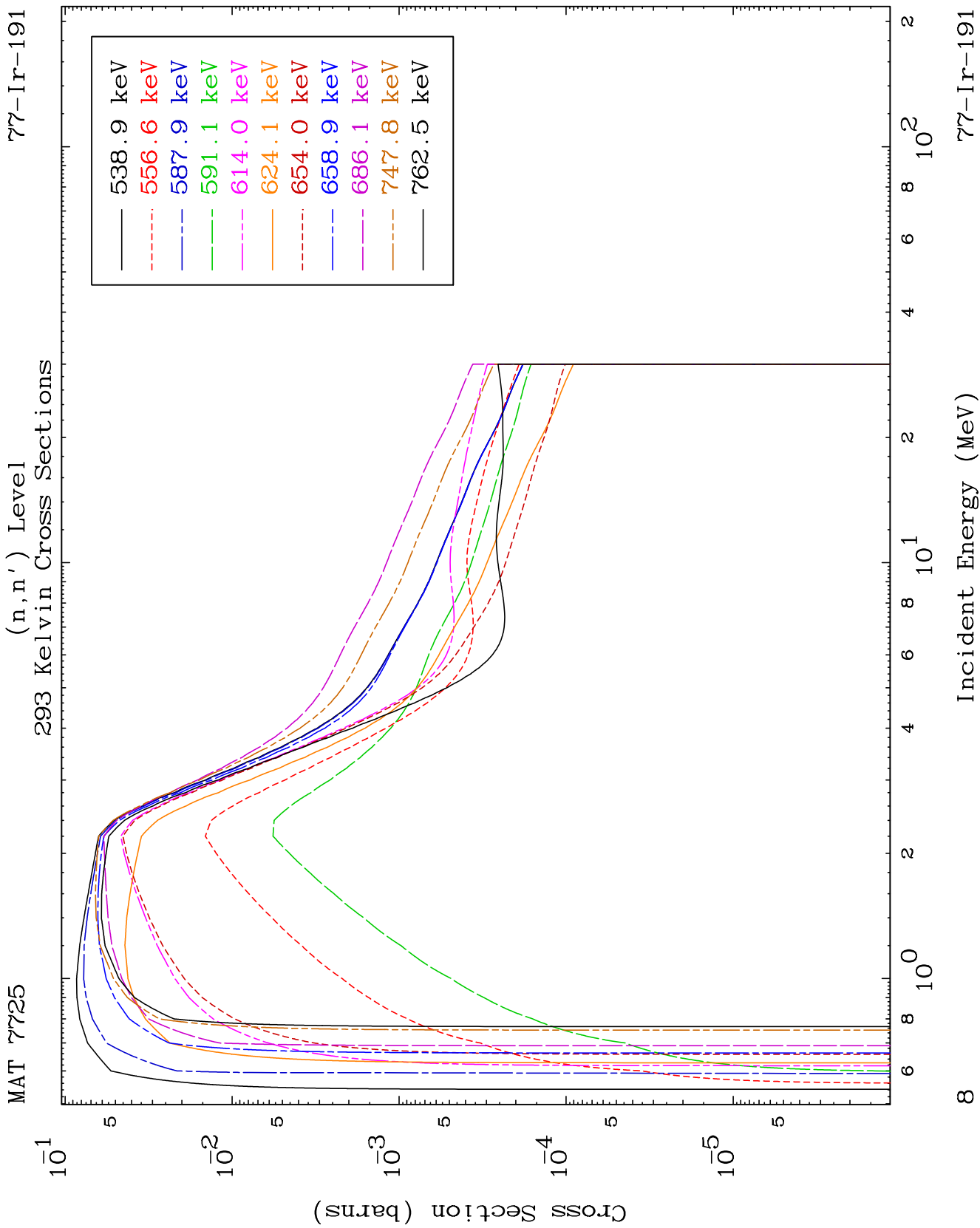
293 Kelvin Cross Sections



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Incident Energy (MeV)

77-Ir-191

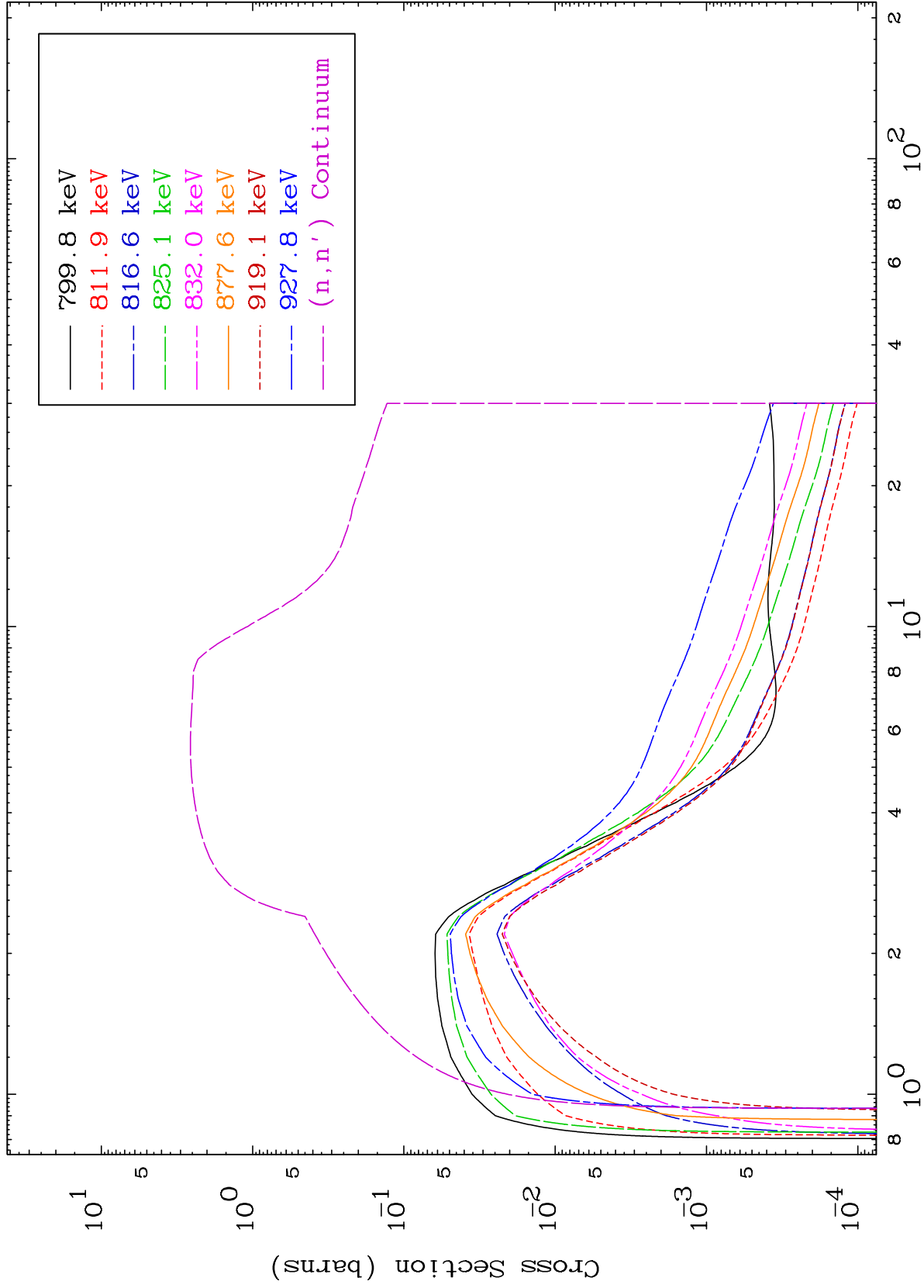


MAT 7725

(n,n') Level

77-Ir-191

293 Kelvin Cross Sections



9

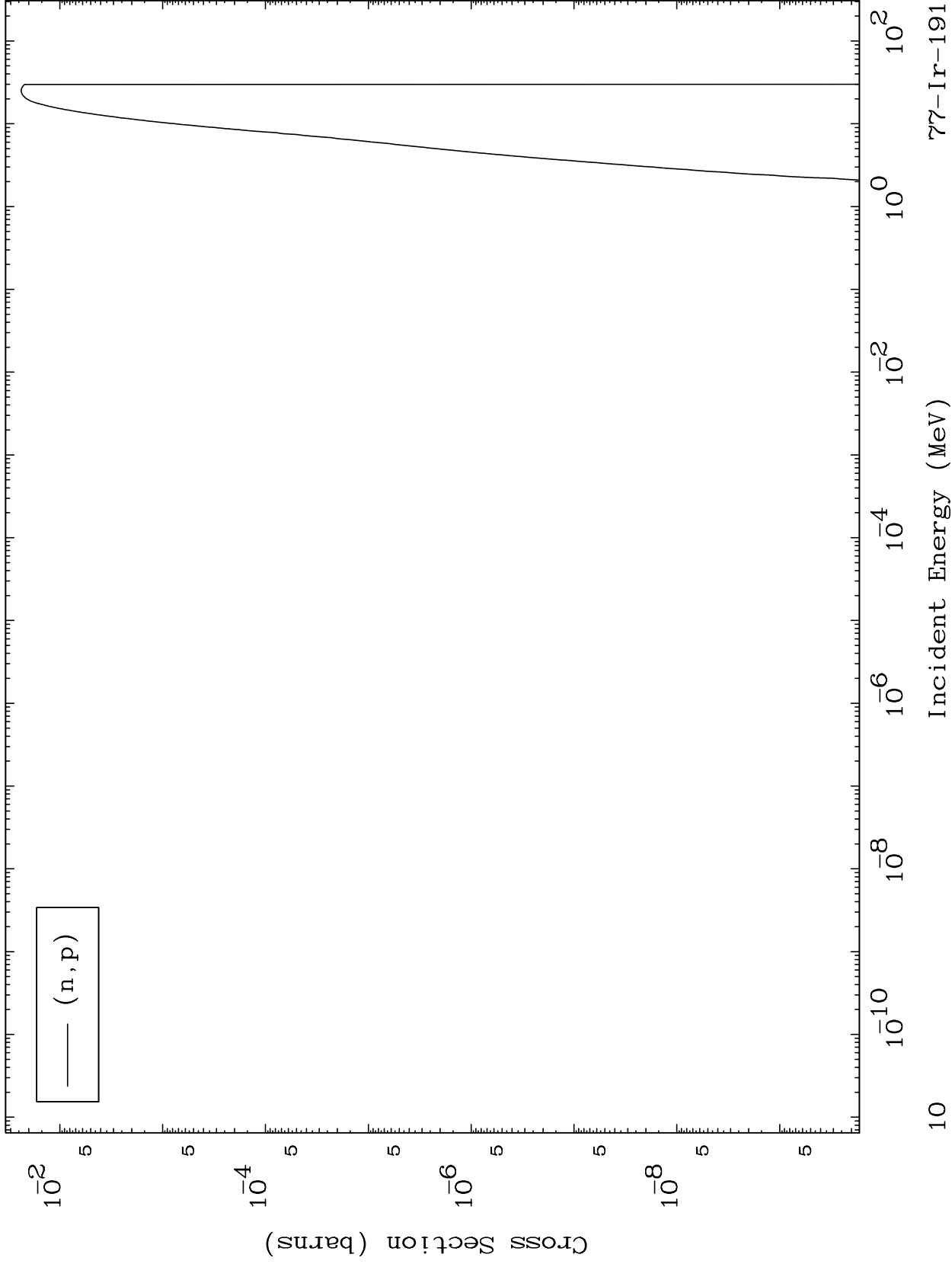
Incident Energy (MeV)

77-Ir-191

MAT 7725

(n,p) Levels
293 Kelvin Cross Sections

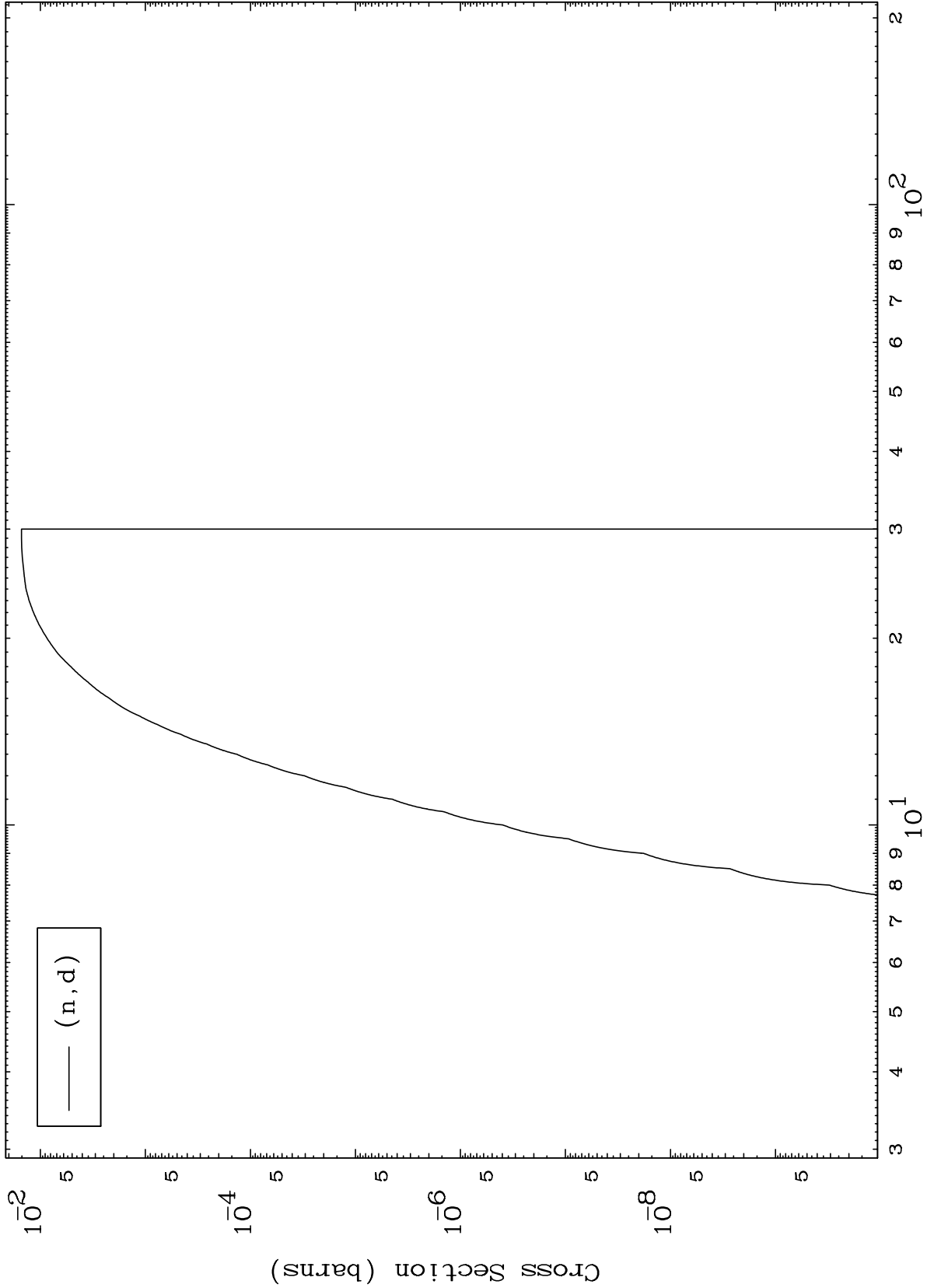
77-Ir-191



MAT 7725

77-Ir-191

(n,d) Levels
293 Kelvin Cross Sections



77-Ir-191

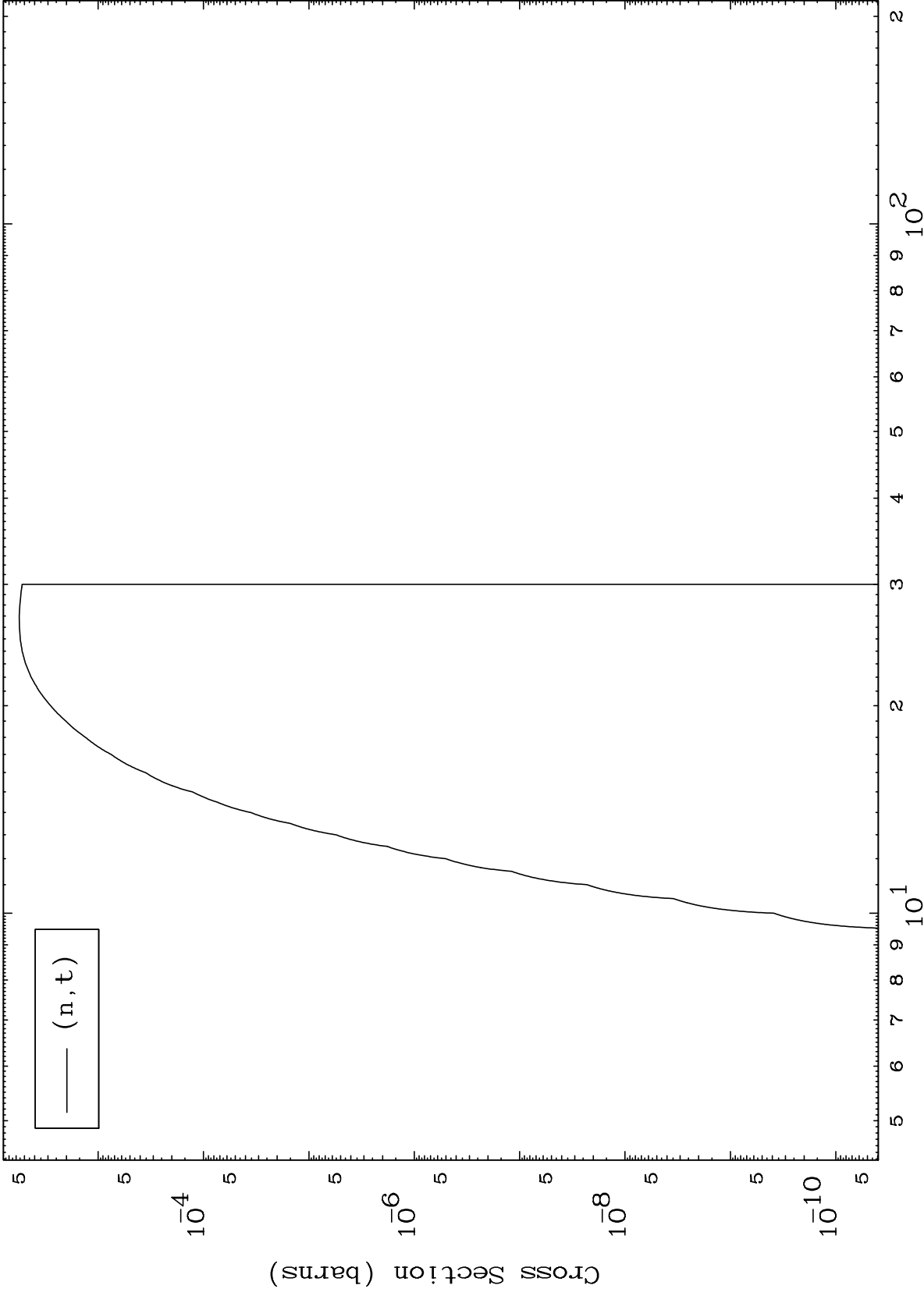
Incident Energy (MeV)

11

MAT 7725

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-191



(n,t)

12

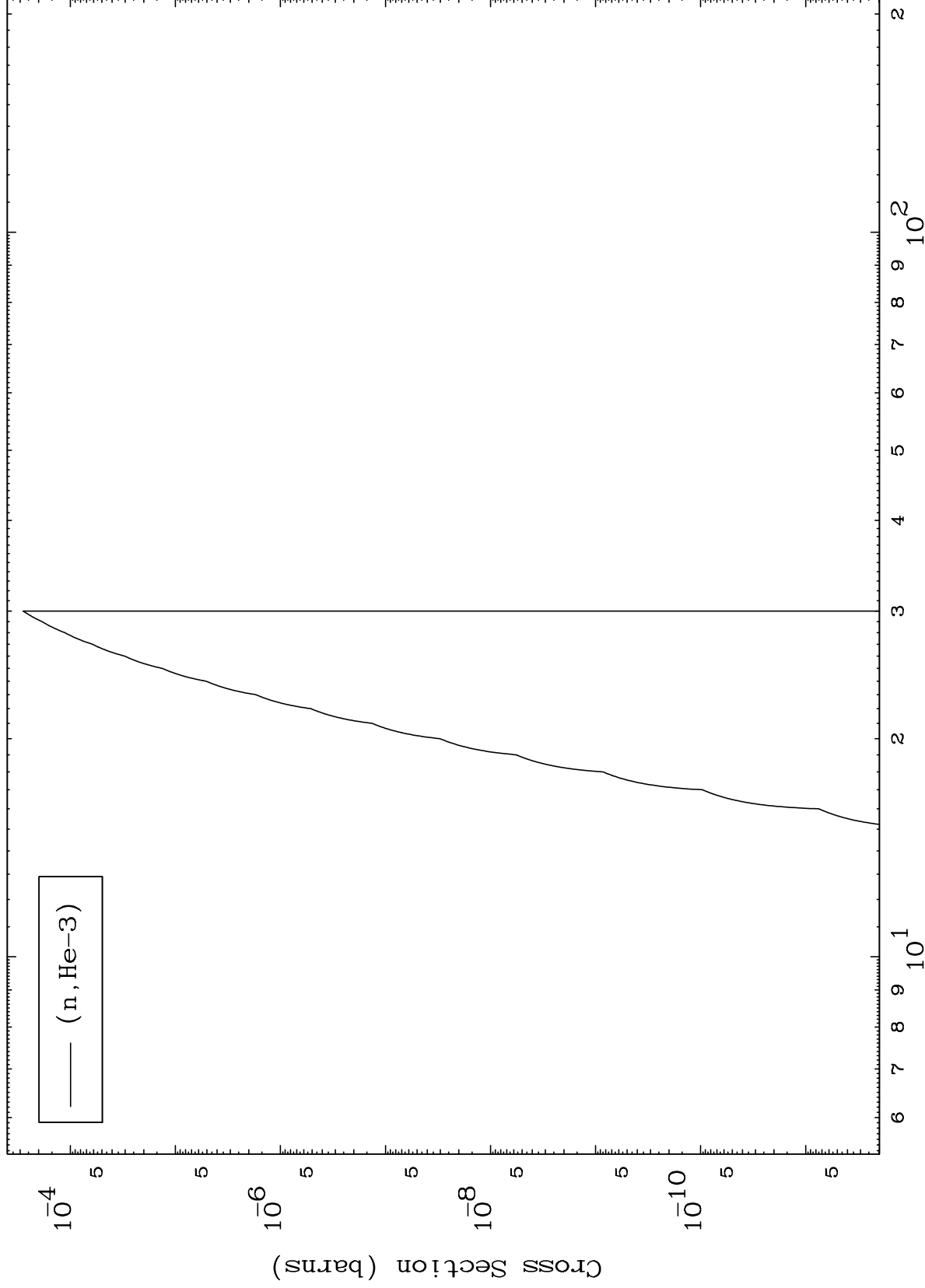
Incident Energy (MeV)

77-Ir-191

MAT 7725

77-Ir-191

(n,He3) Levels
293 Kelvin Cross Sections



13

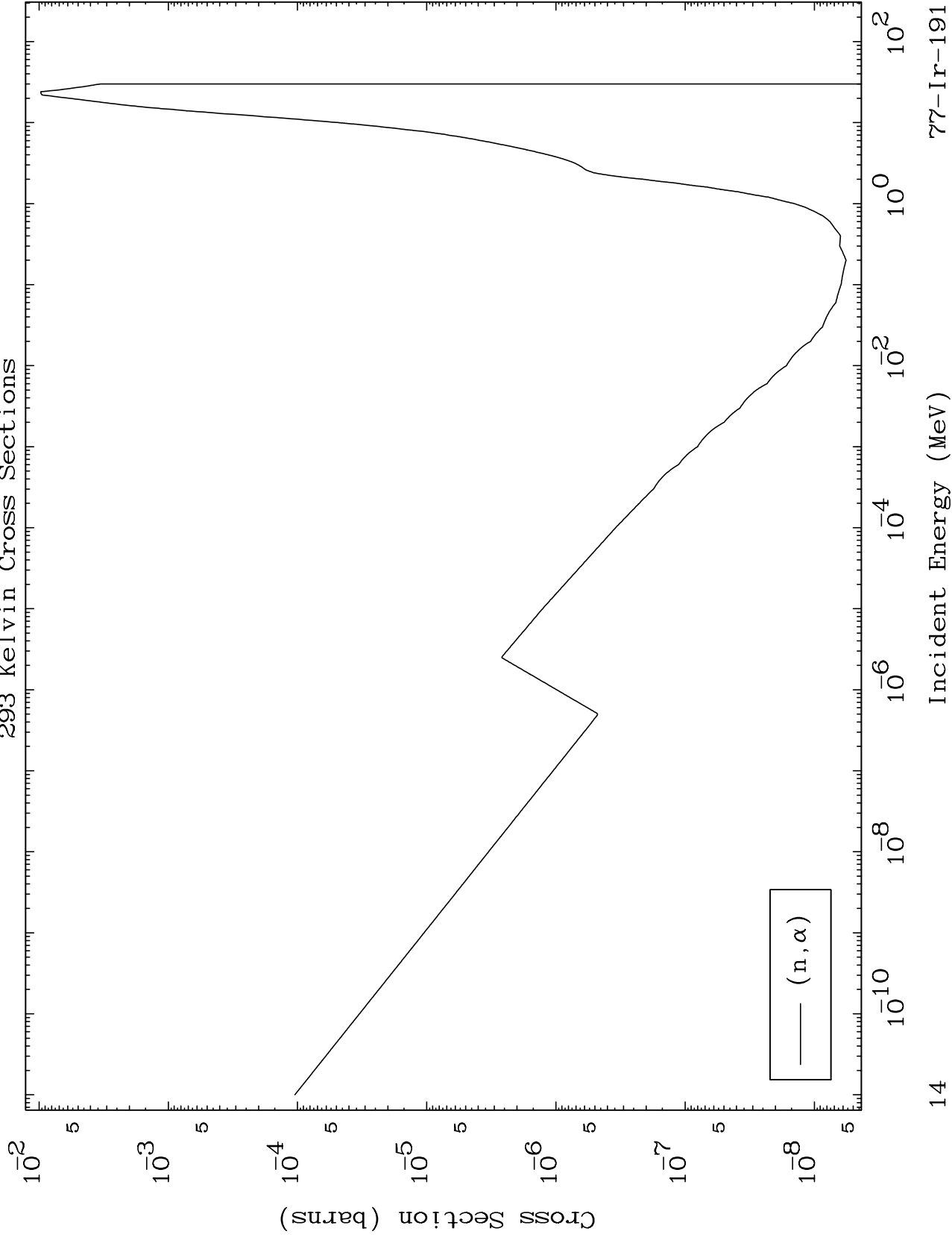
Incident Energy (MeV)

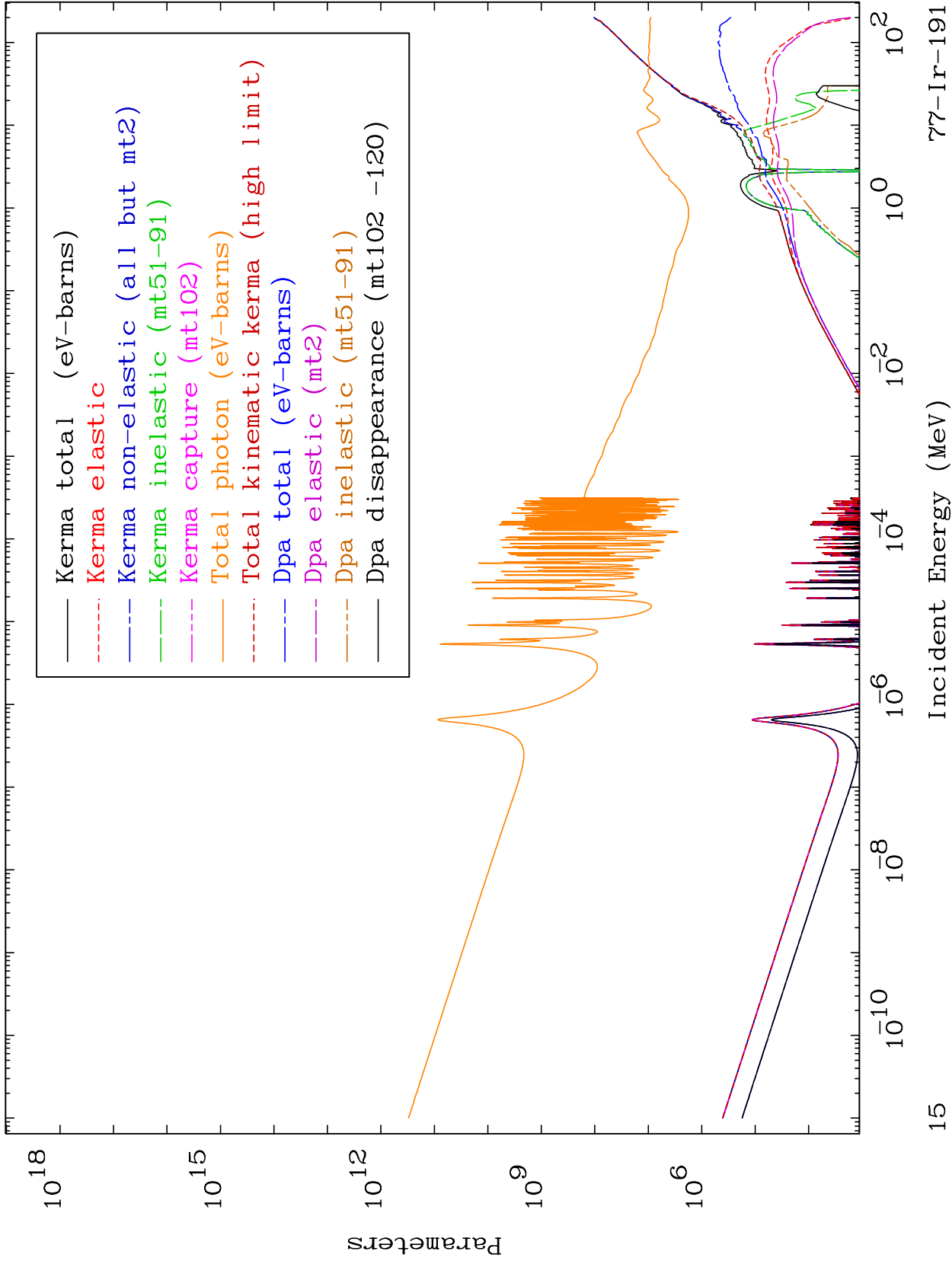
77-Ir-191

MAT 7725

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-191

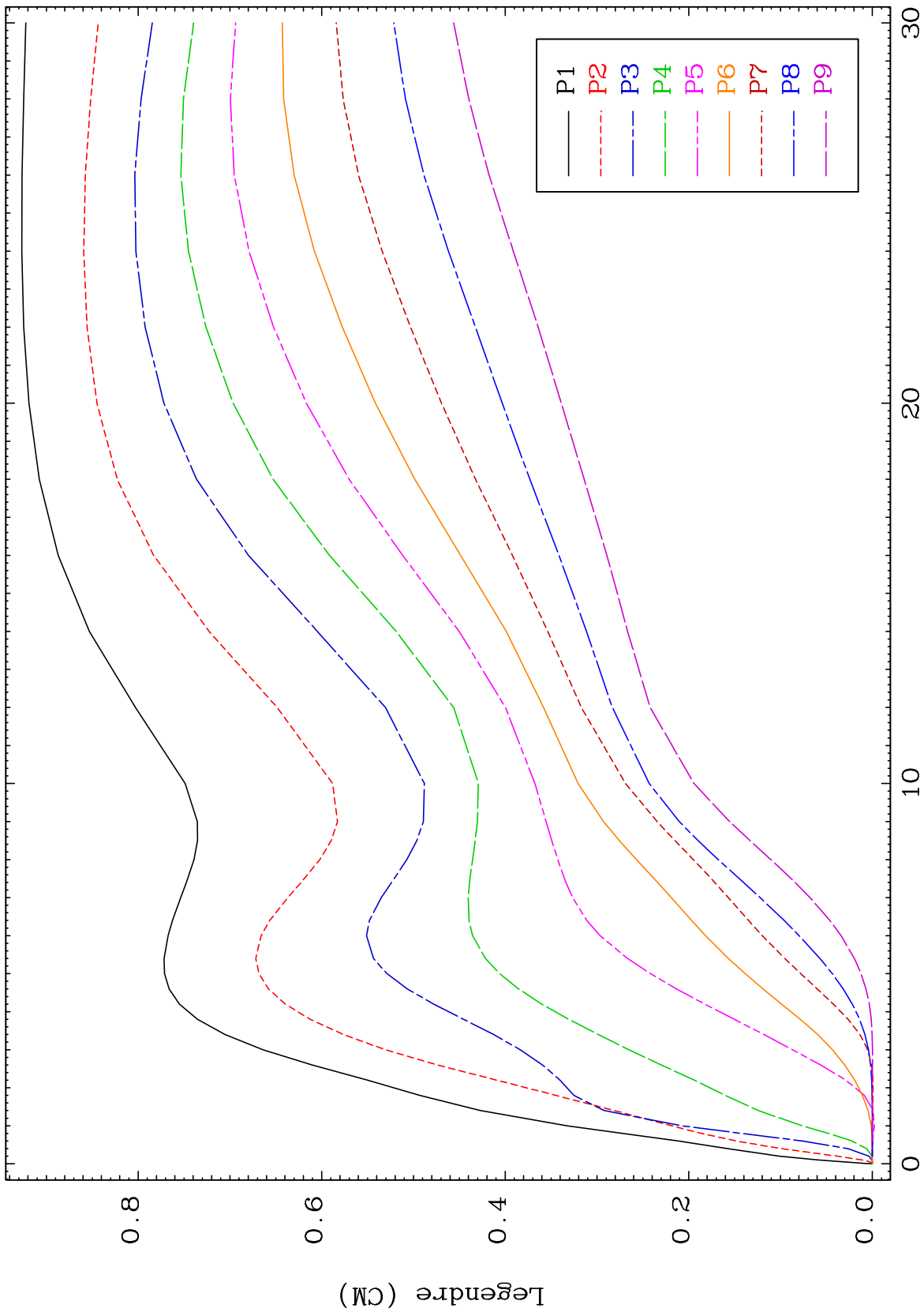




MAT 7725

77-Ir-191

Elastic Legendre Coefficients



77-Ir-191

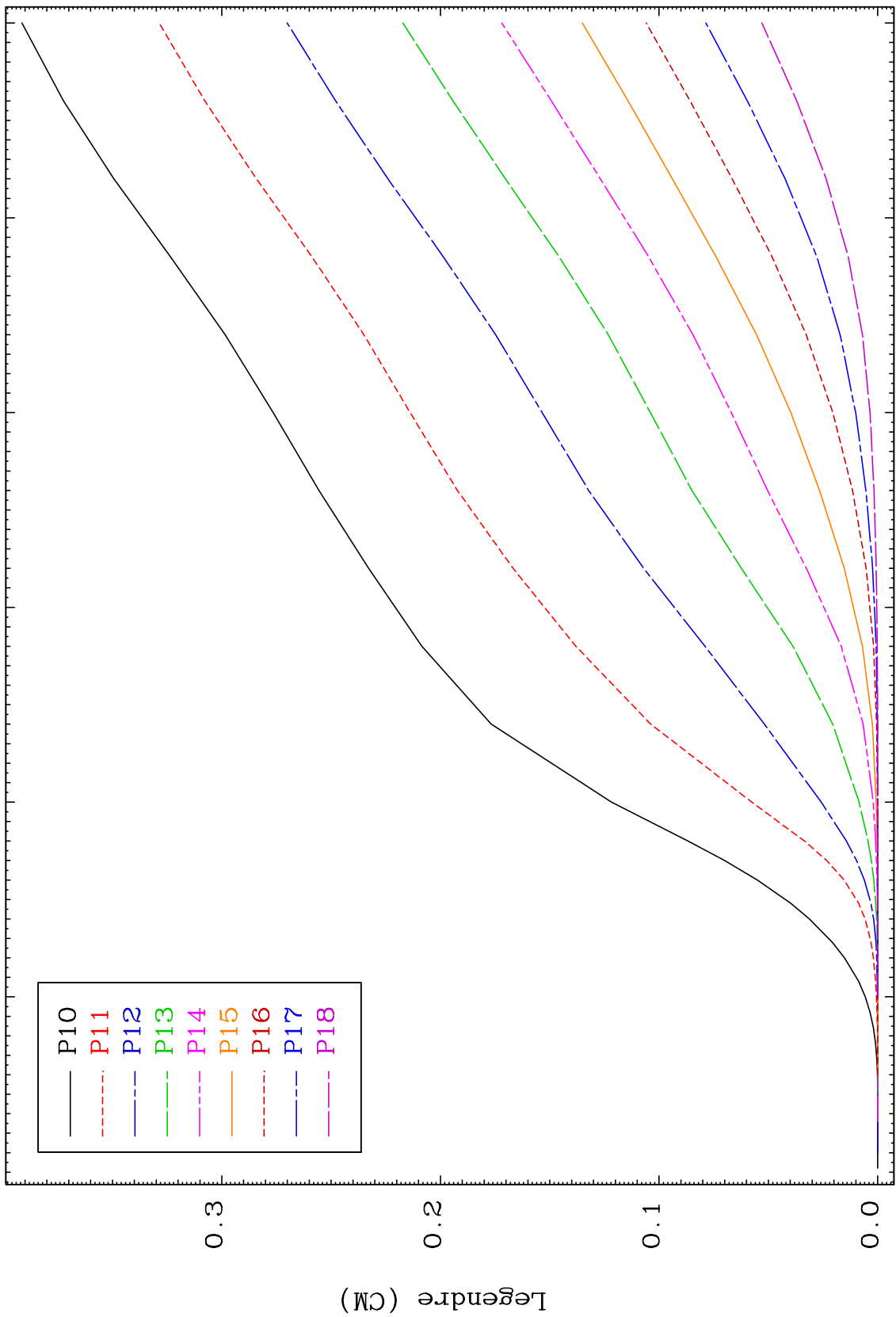
Incident Energy (MeV)

16

MAT 7725

Elastic Legendre Coefficients

77-Ir-191



17

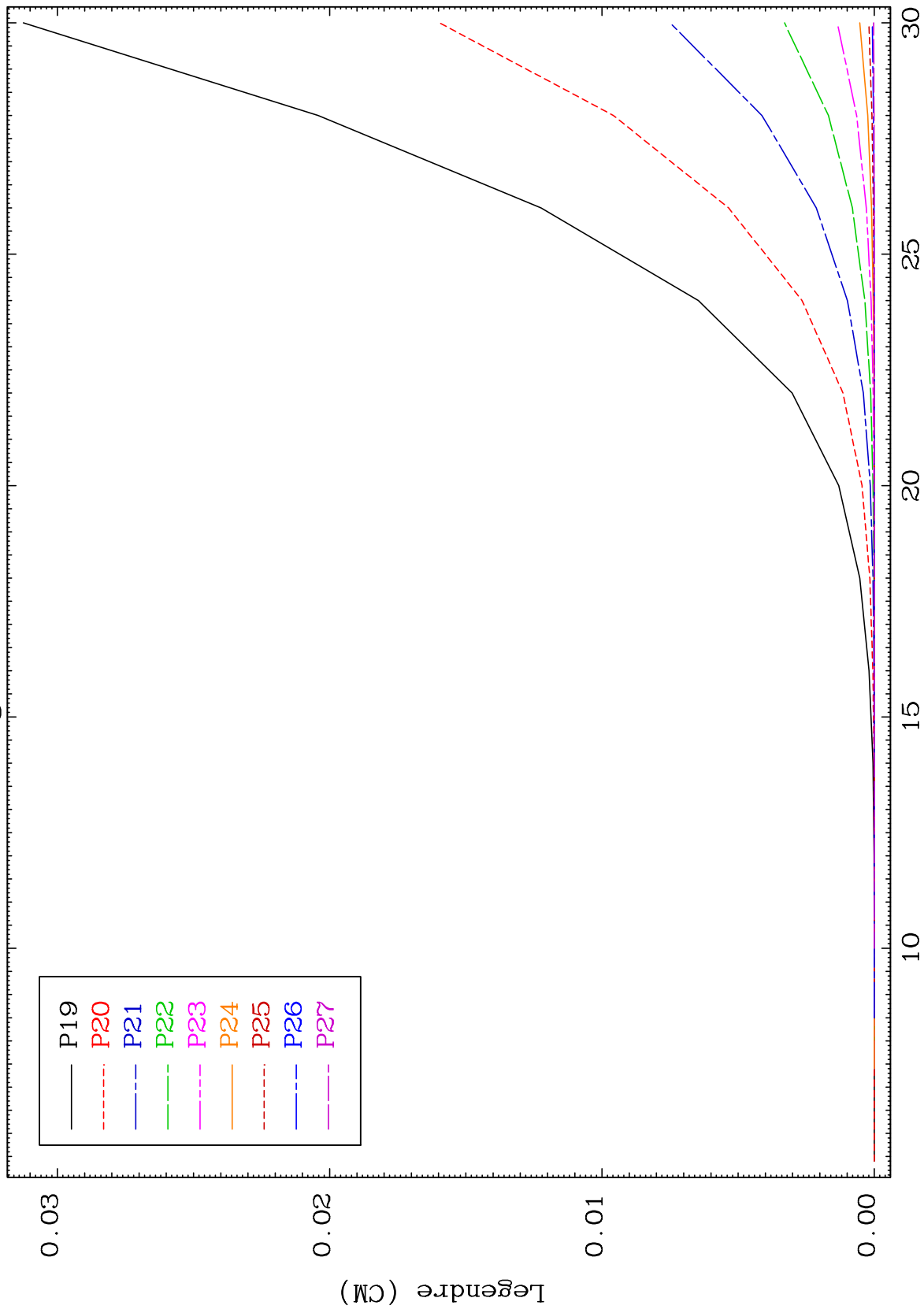
Incident Energy (MeV)

77-Ir-191

MAT 7725

Elastic
Legendre Coefficients

77-Ir-191



18

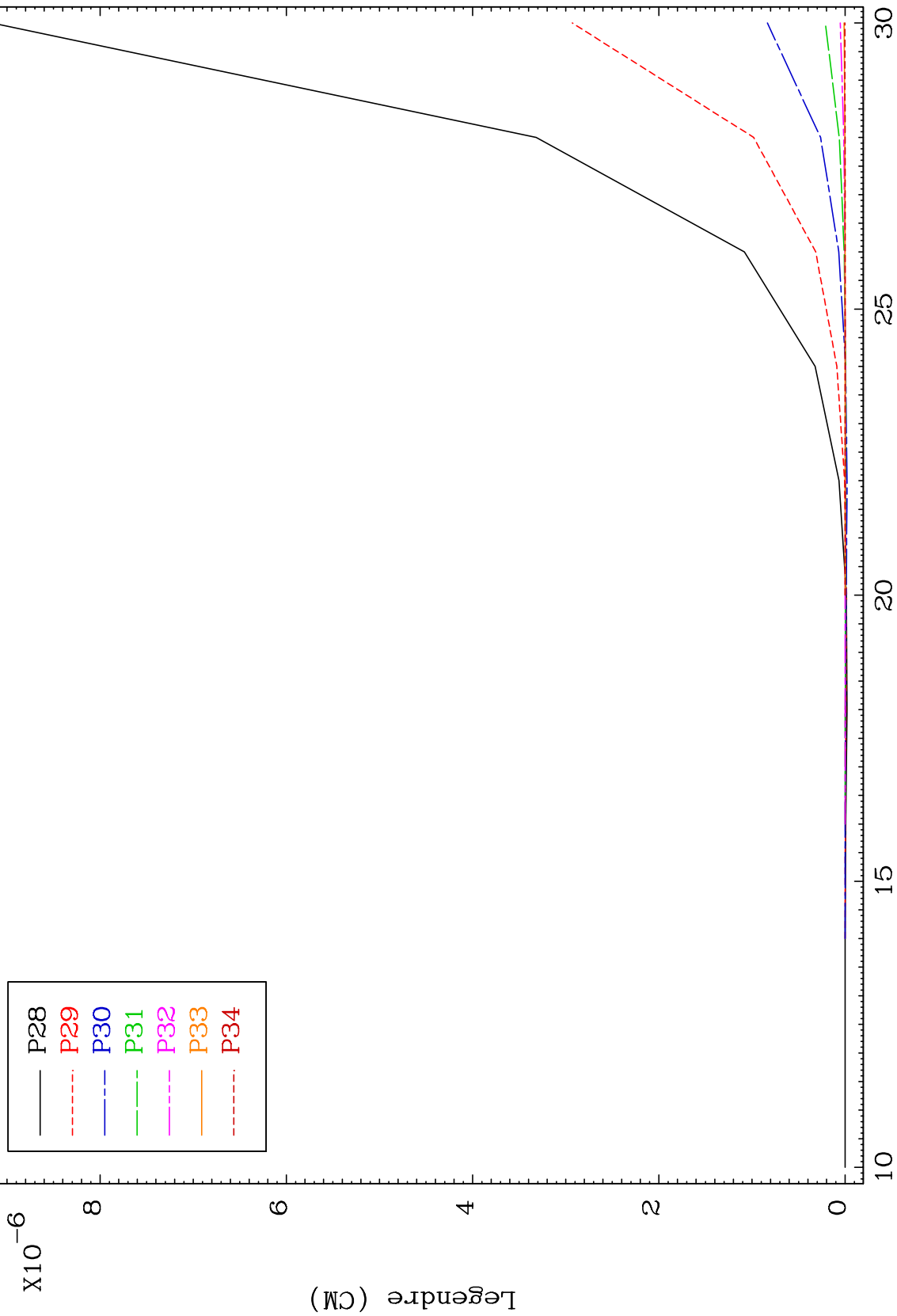
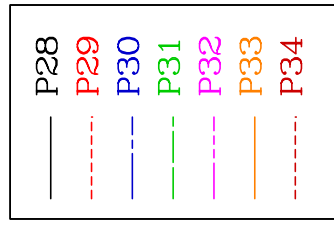
Incident Energy (MeV)

77-Ir-191

MAT 7725

Elastic
Legendre Coefficients

77-Ir-191



10

15

20

25

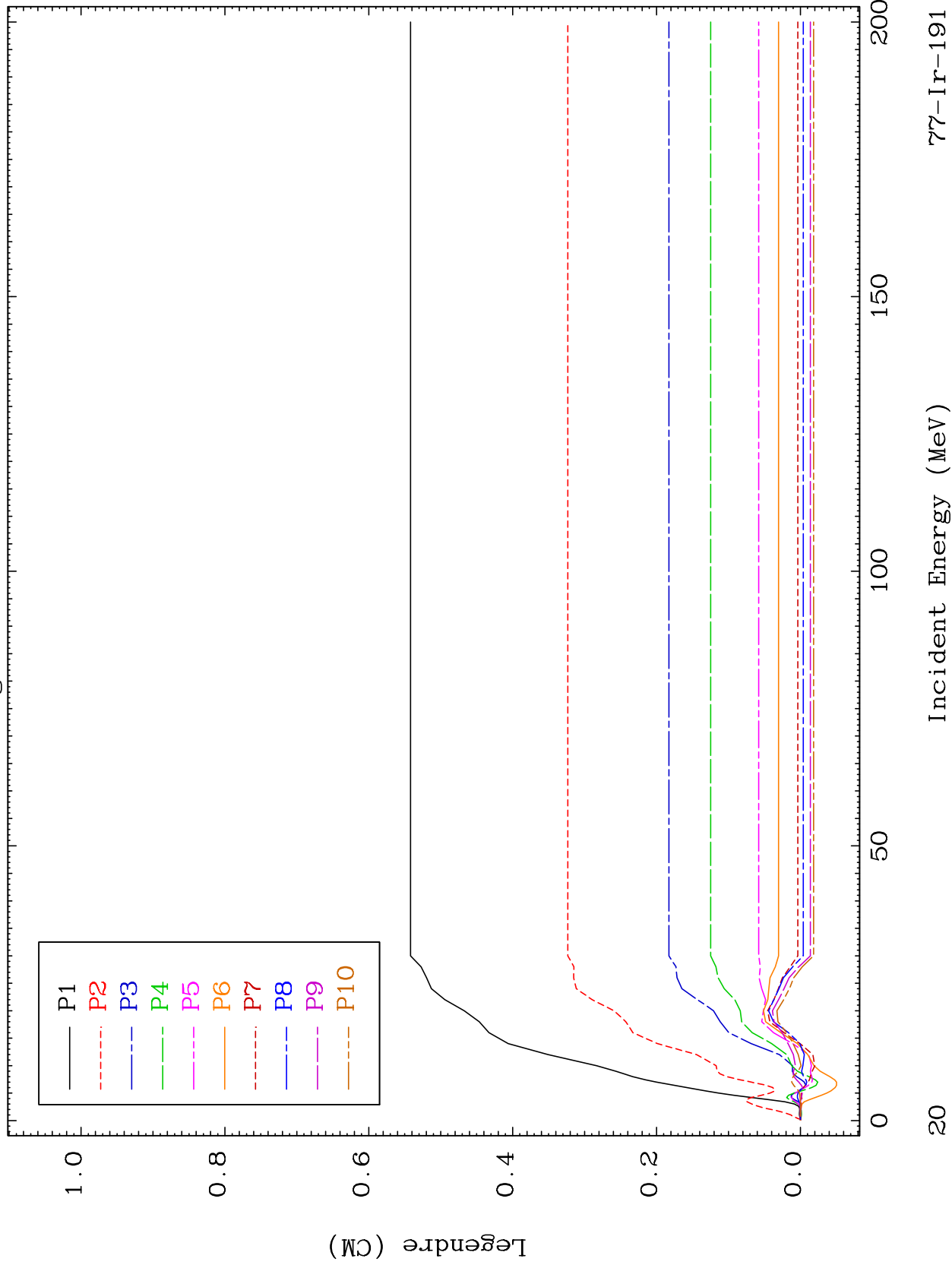
30

77-Ir-191

MAT 7725

82.42 keV (n, n') Level
Legendre Coefficients

77-Ir-191



77-Ir-191

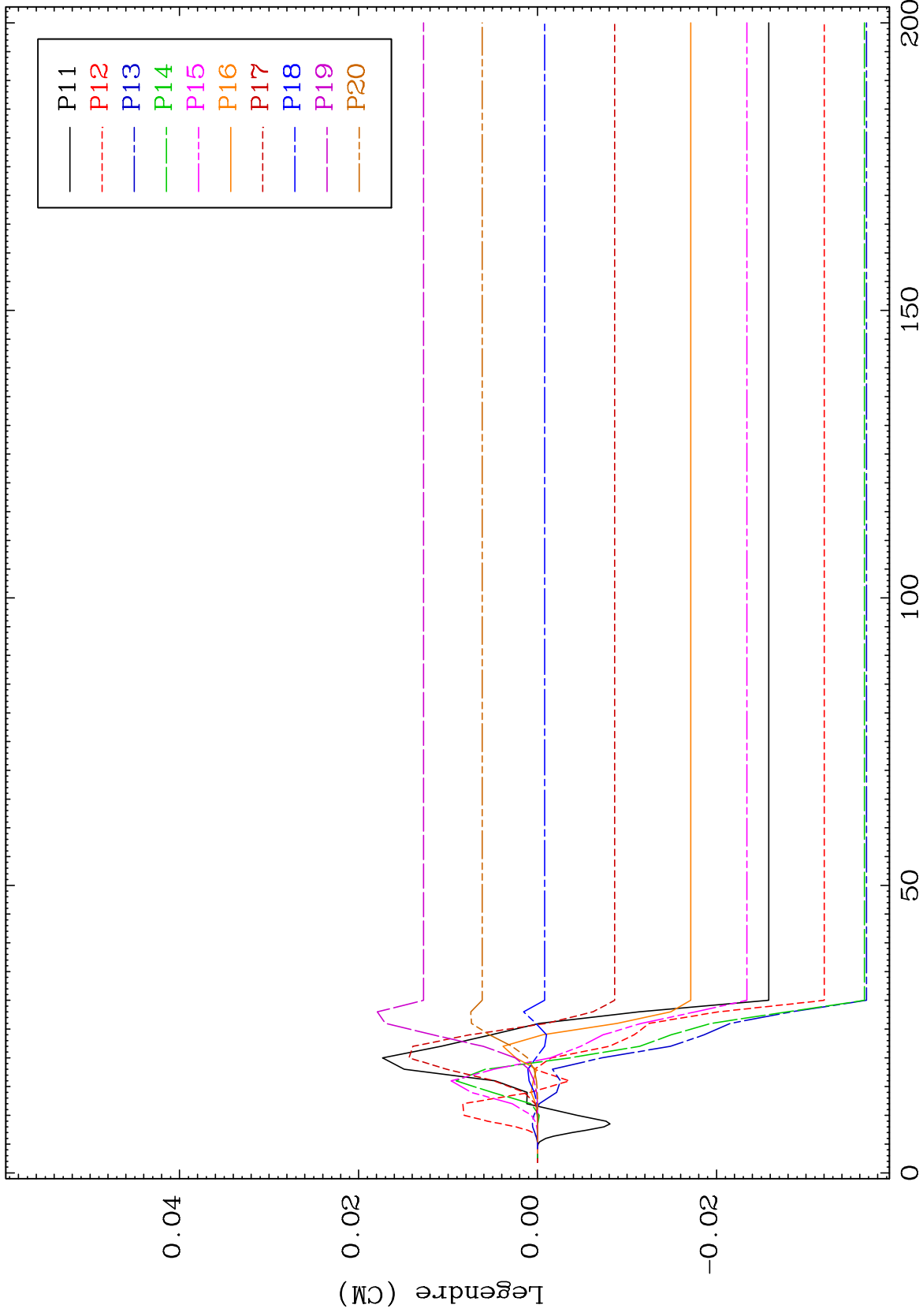
Incident Energy (MeV)

20

MAT 7725

82.42 keV (n,n') Level
Legendre Coefficients

77-Ir-191



21

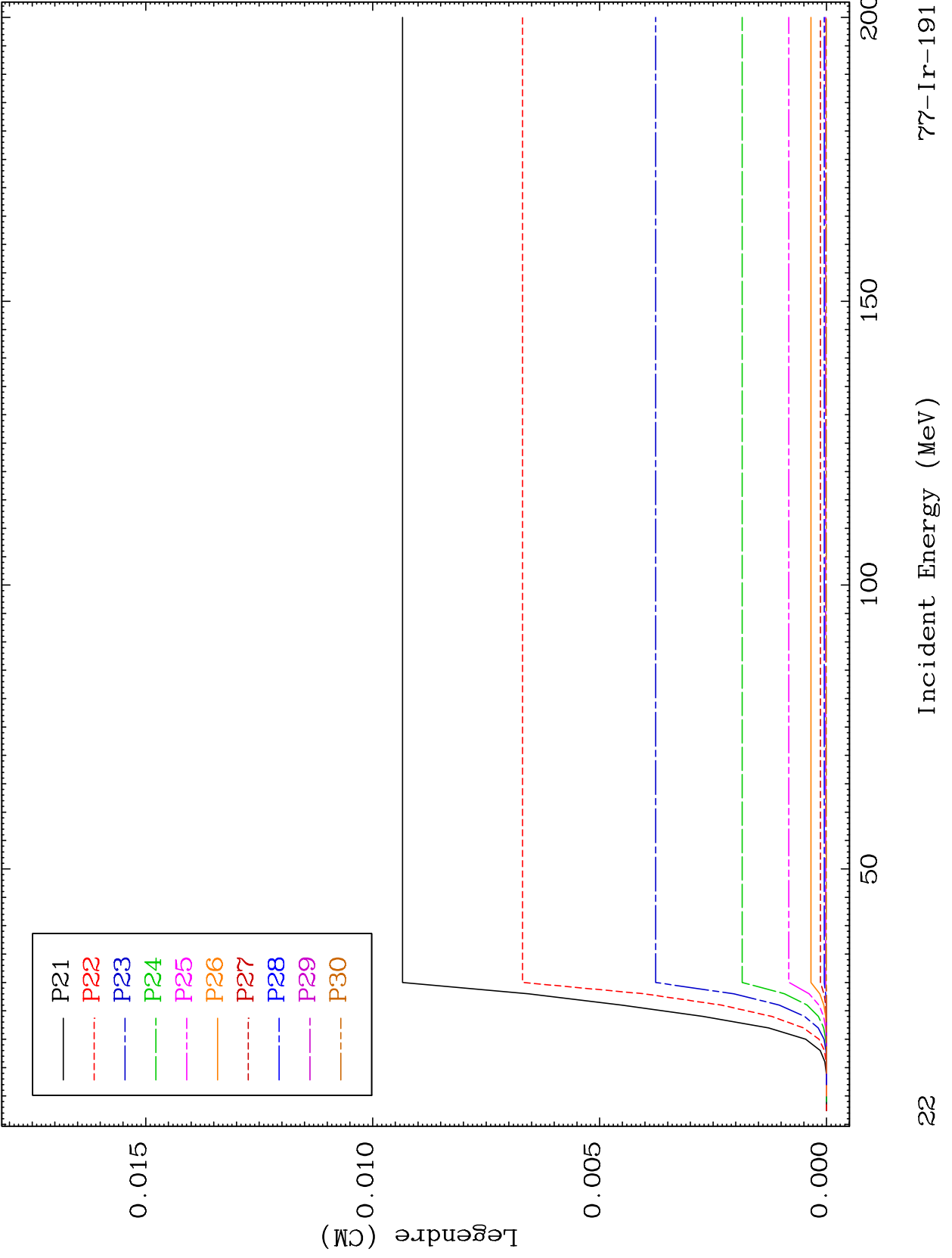
Incident Energy (MeV)

77-Ir-191

MAT 7725

82.42 keV (n,n') Level
Legendre Coefficients

77-Ir-191



22

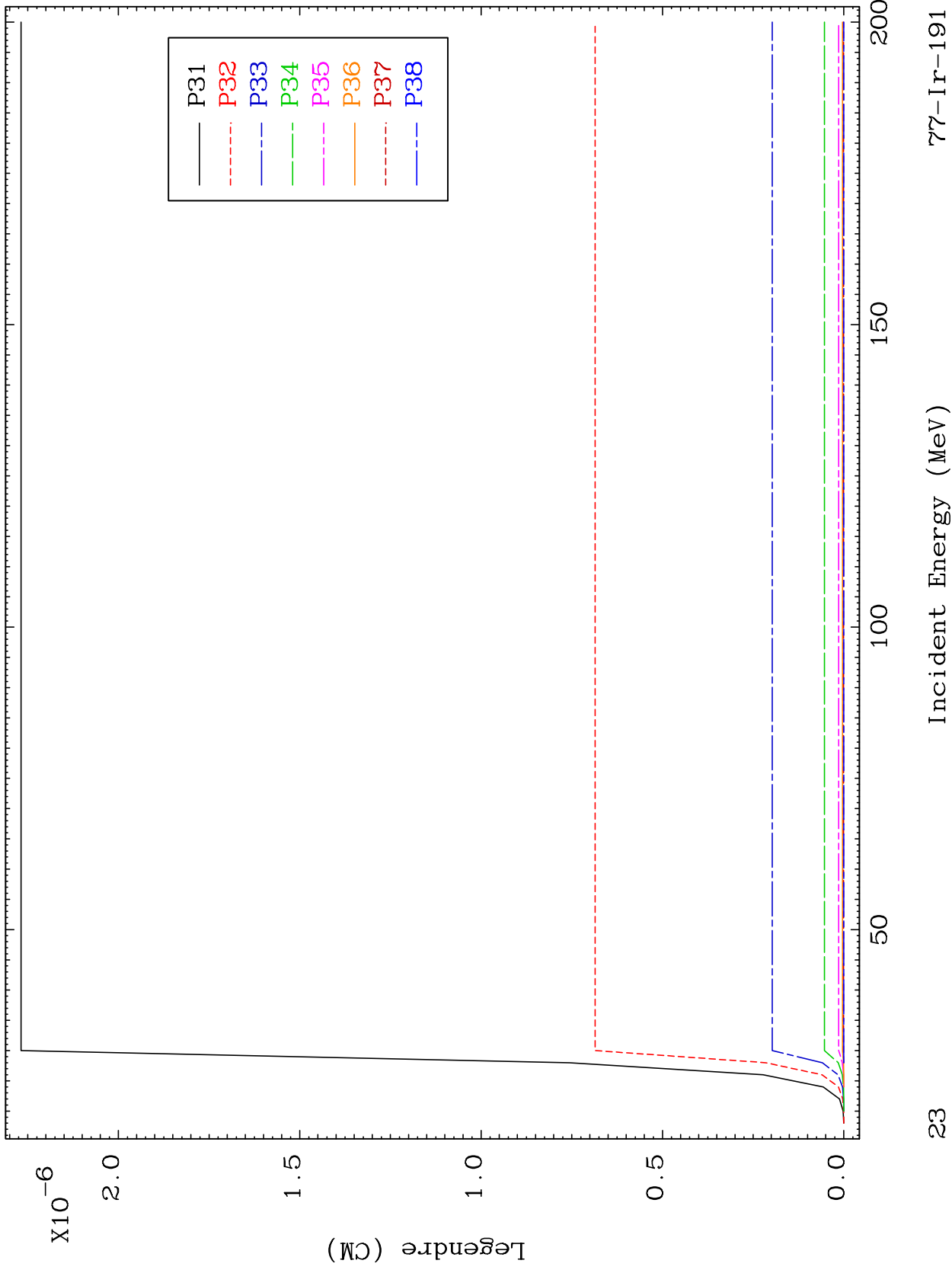
Incident Energy (MeV)

77-Ir-191

MAT 7725

82.42 keV (n,n') Level
Legendre Coefficients

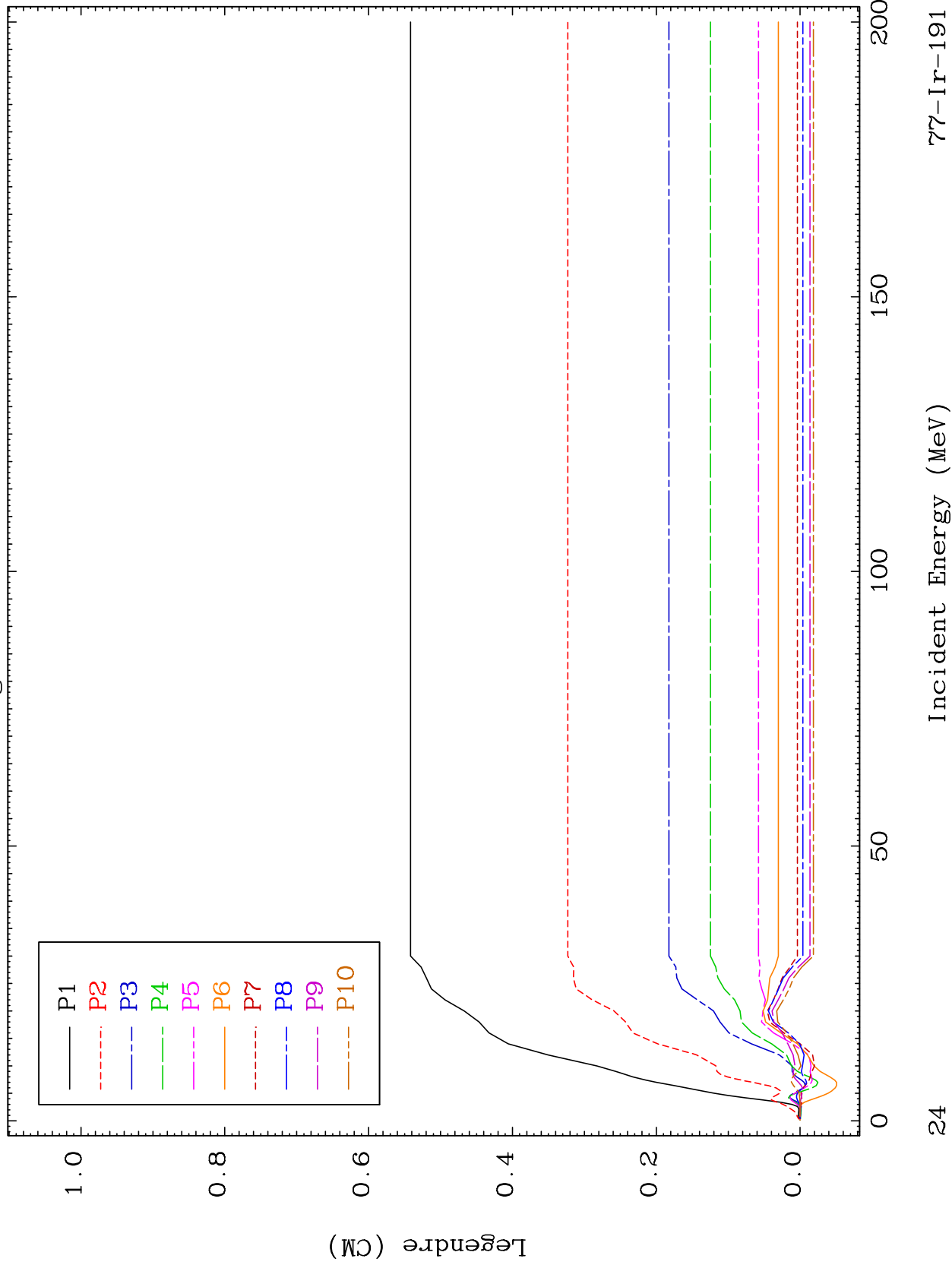
77-Ir-191



MAT 7725

129.4 keV (n,n') Level
Legendre Coefficients

77-Ir-191

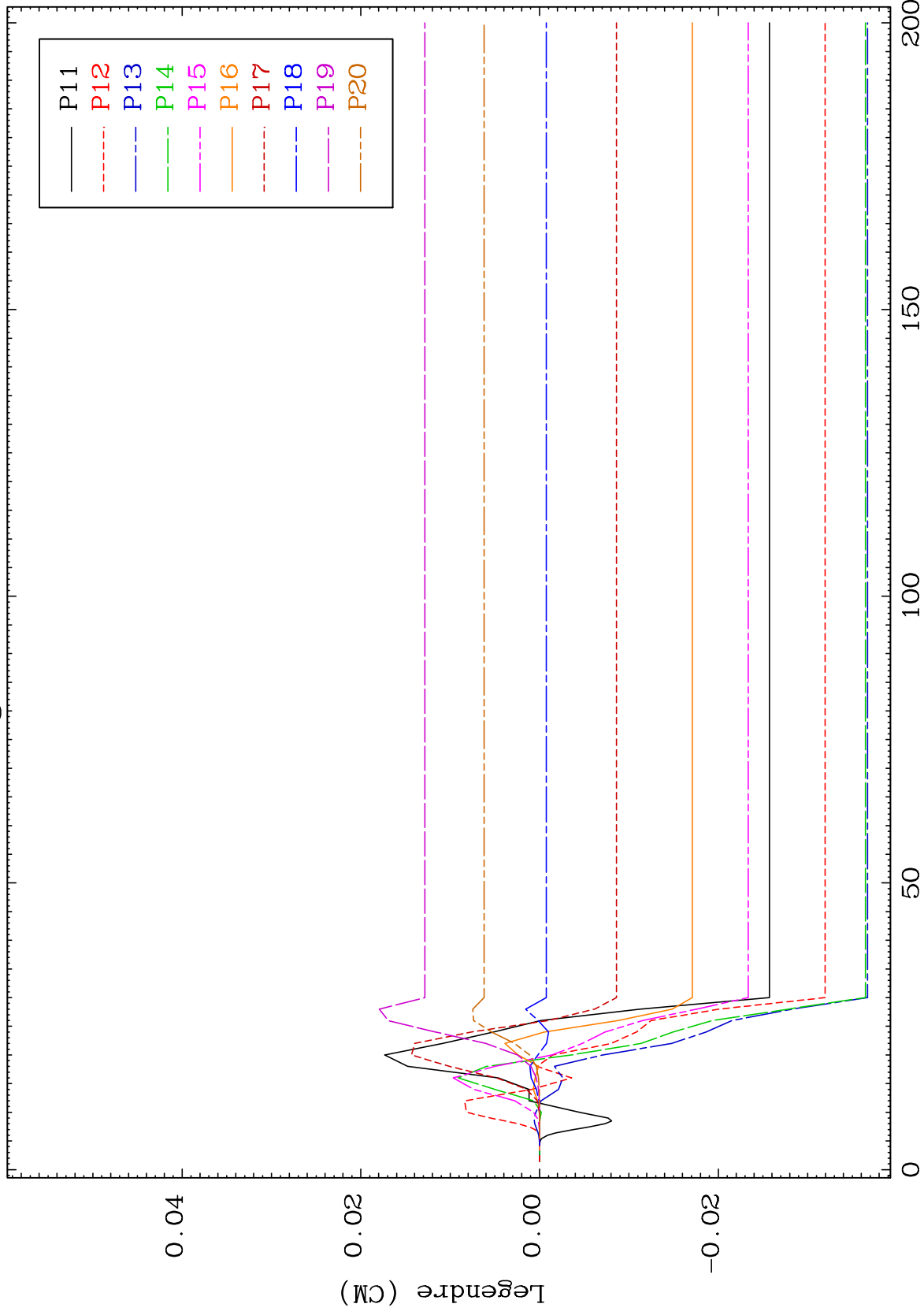


24

MAT 7725

129.4 keV (n,n') Level
Legendre Coefficients

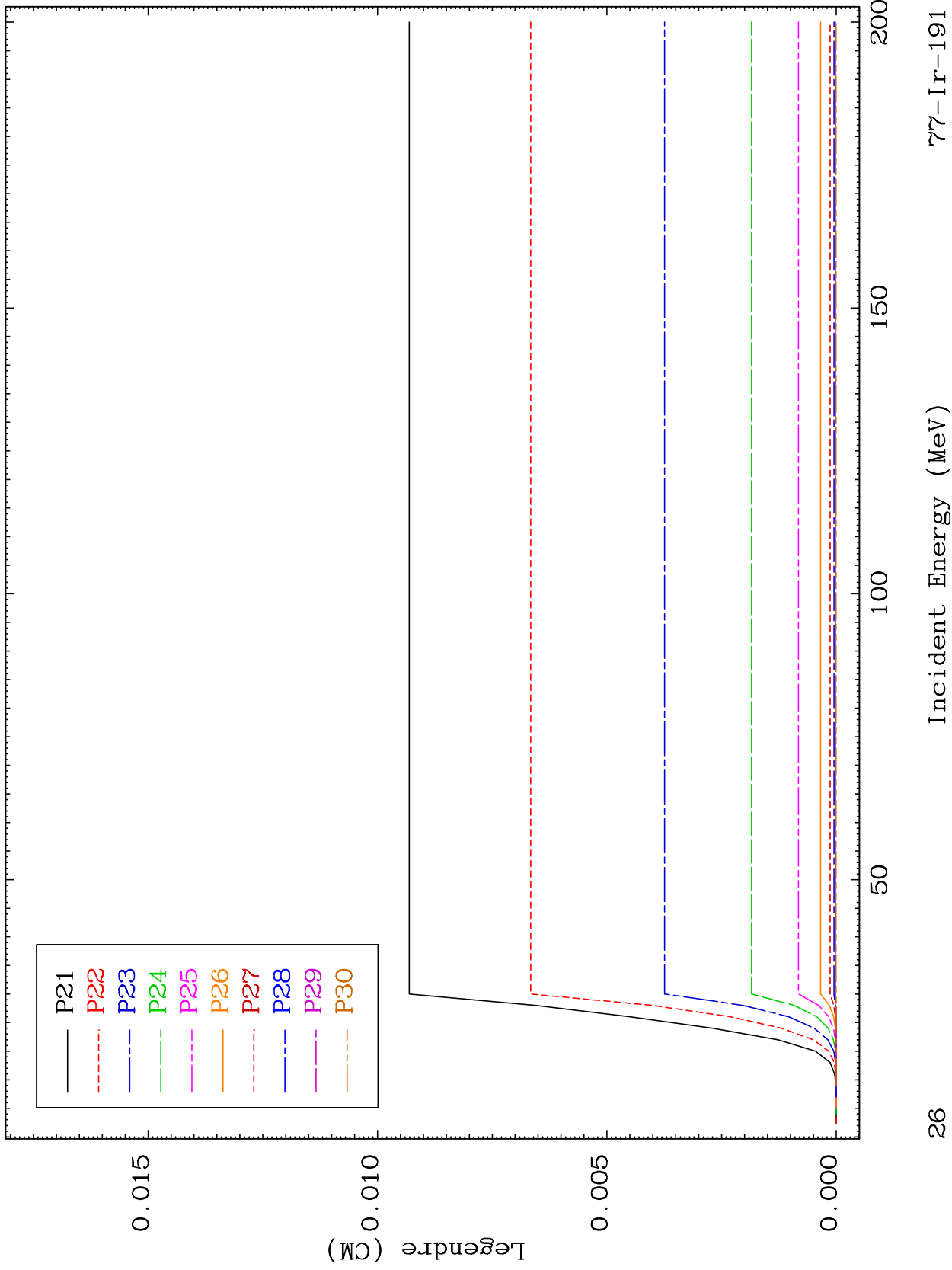
77-Ir-191



25

Incident Energy (MeV)

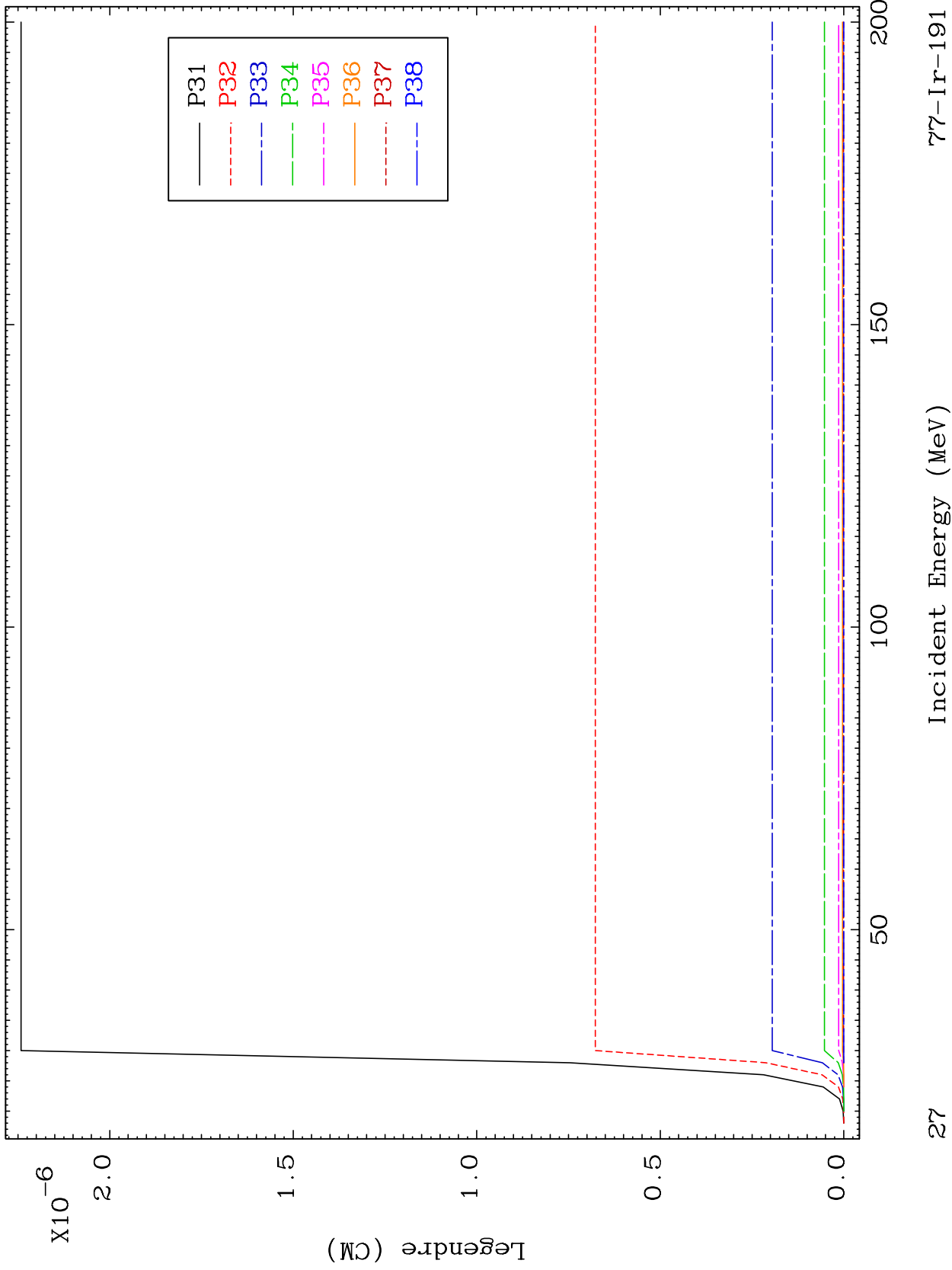
77-Ir-191



MAT 7725

129.4 keV (n,n') Level
Legendre Coefficients

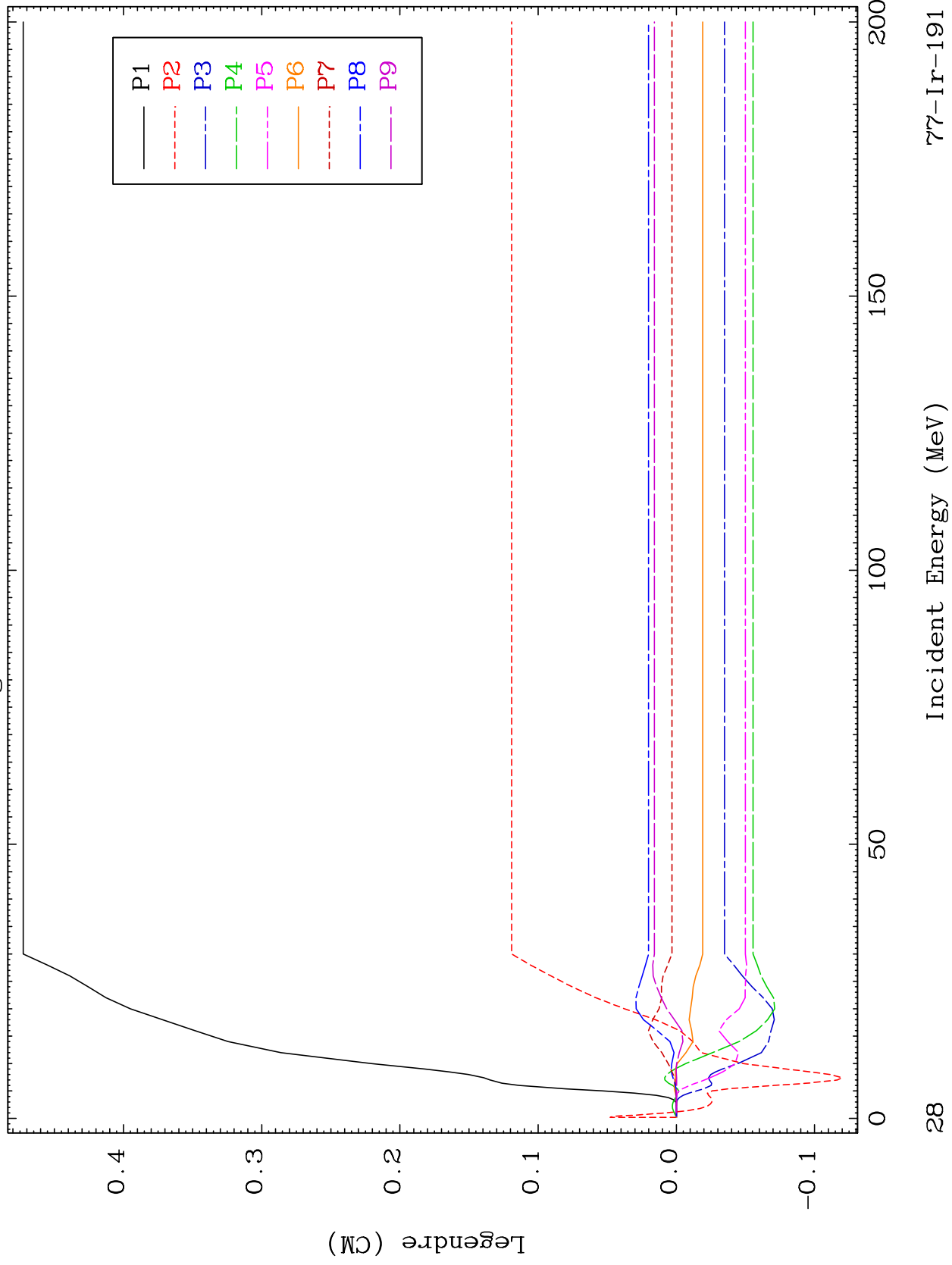
77-Ir-191



MAT 7725

171.3 keV (n,n') Level
Legendre Coefficients

77-Ir-191



77-Ir-191

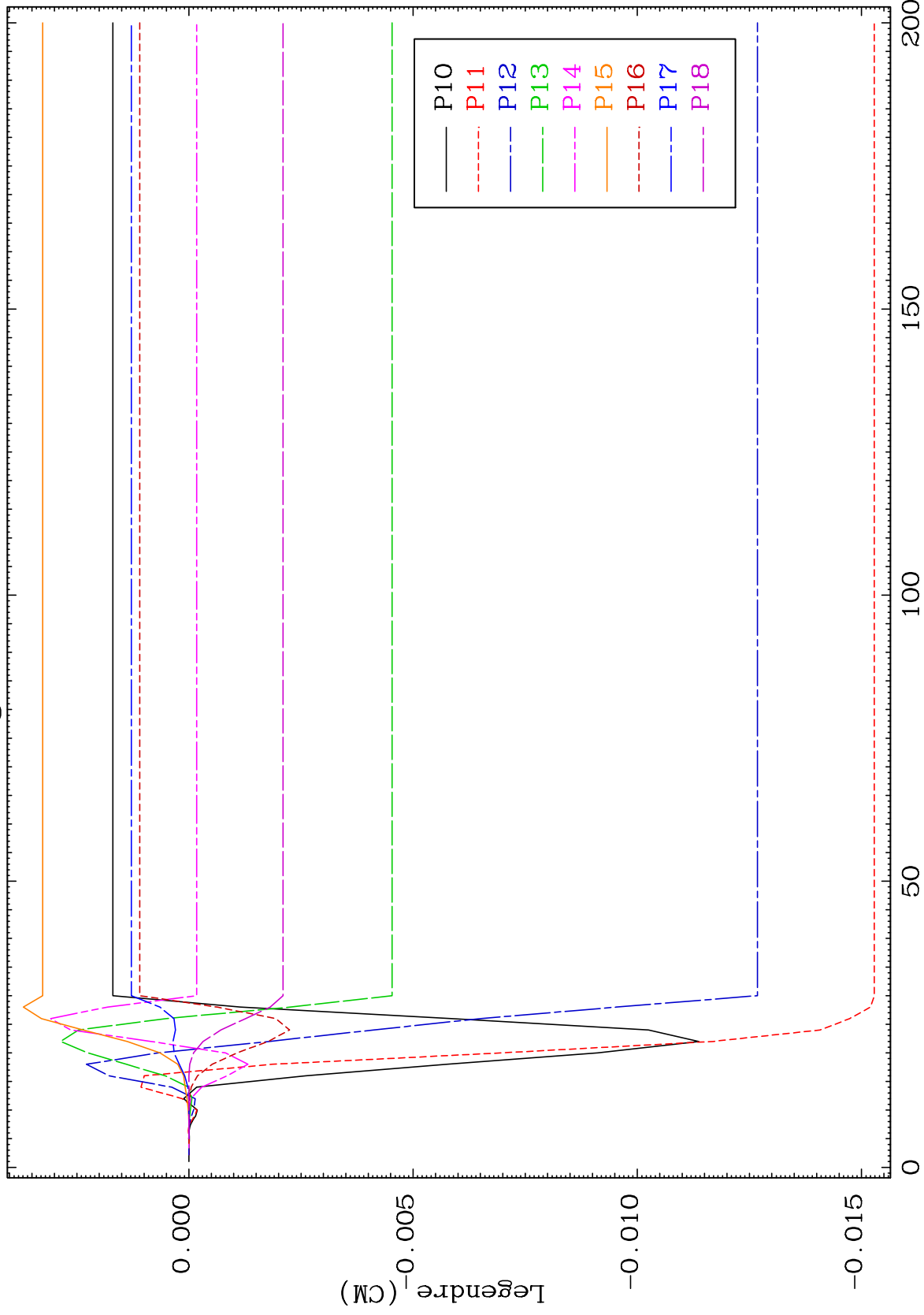
Incident Energy (MeV)

28

MAT 7725

171.3 keV (n,n') Level
Legendre Coefficients

77-Ir-191



29

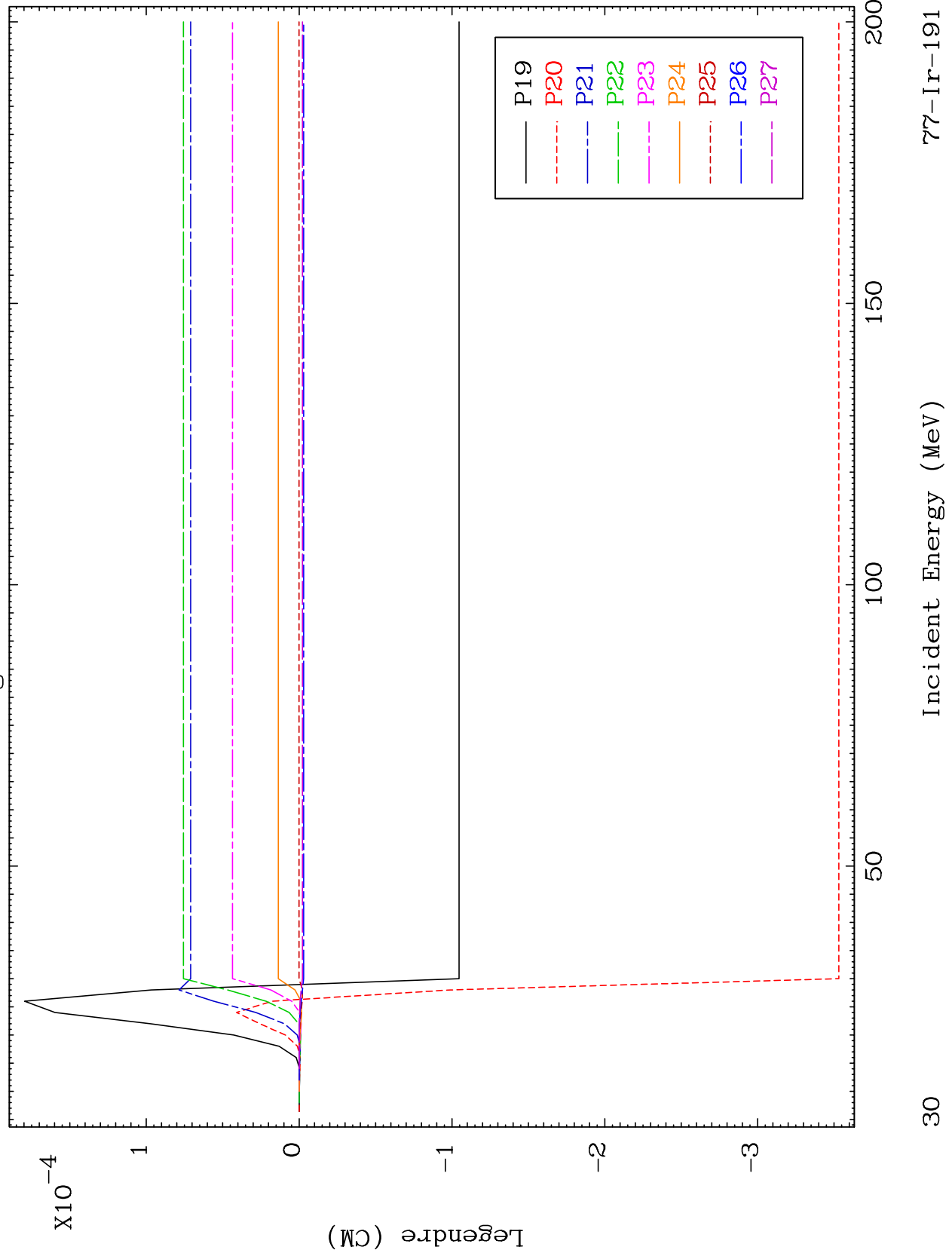
Incident Energy (MeV)

77-Ir-191

MAT 7725

171.3 keV (n,n') Level
Legendre Coefficients

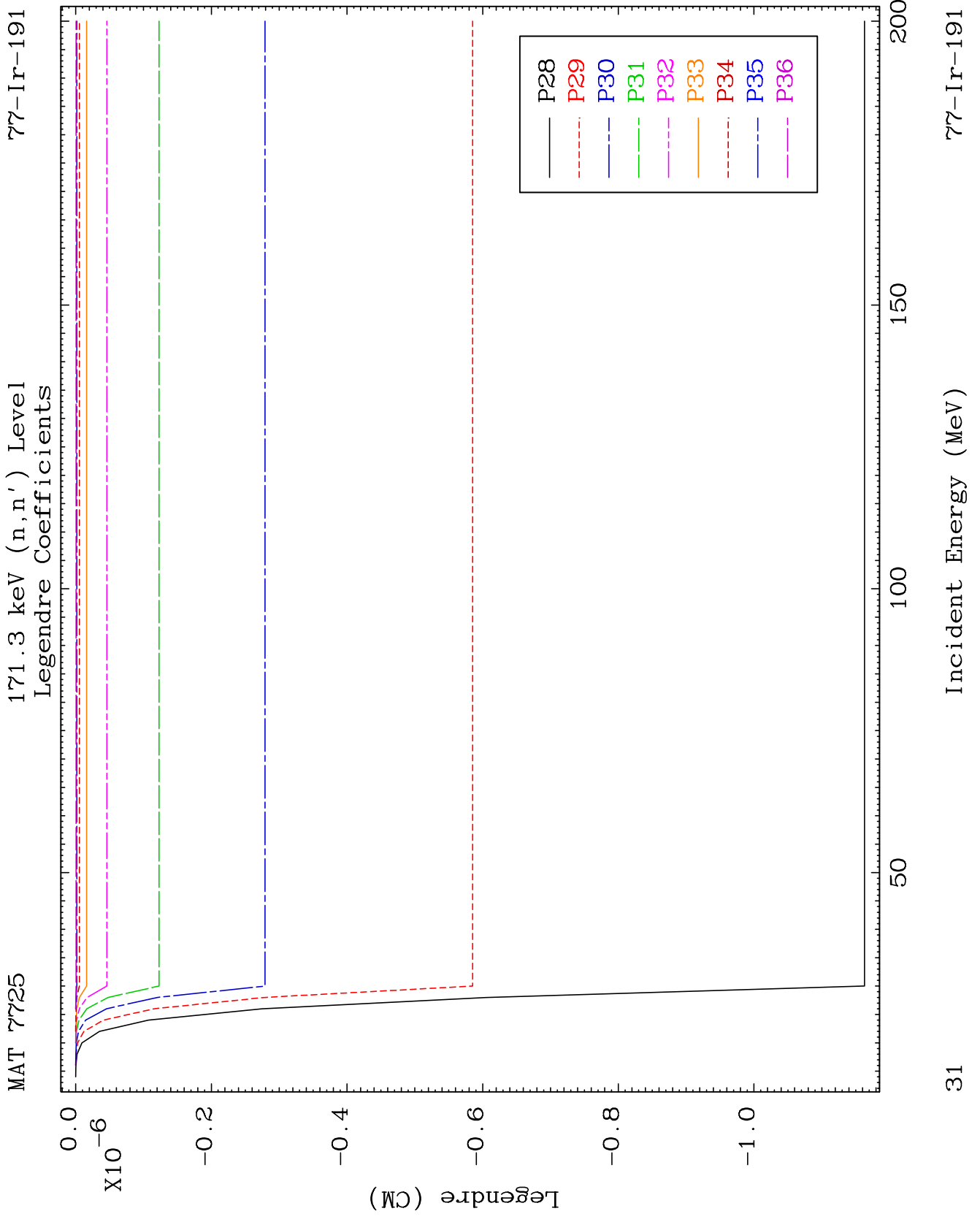
77-Ir-191



30

Incident Energy (MeV)

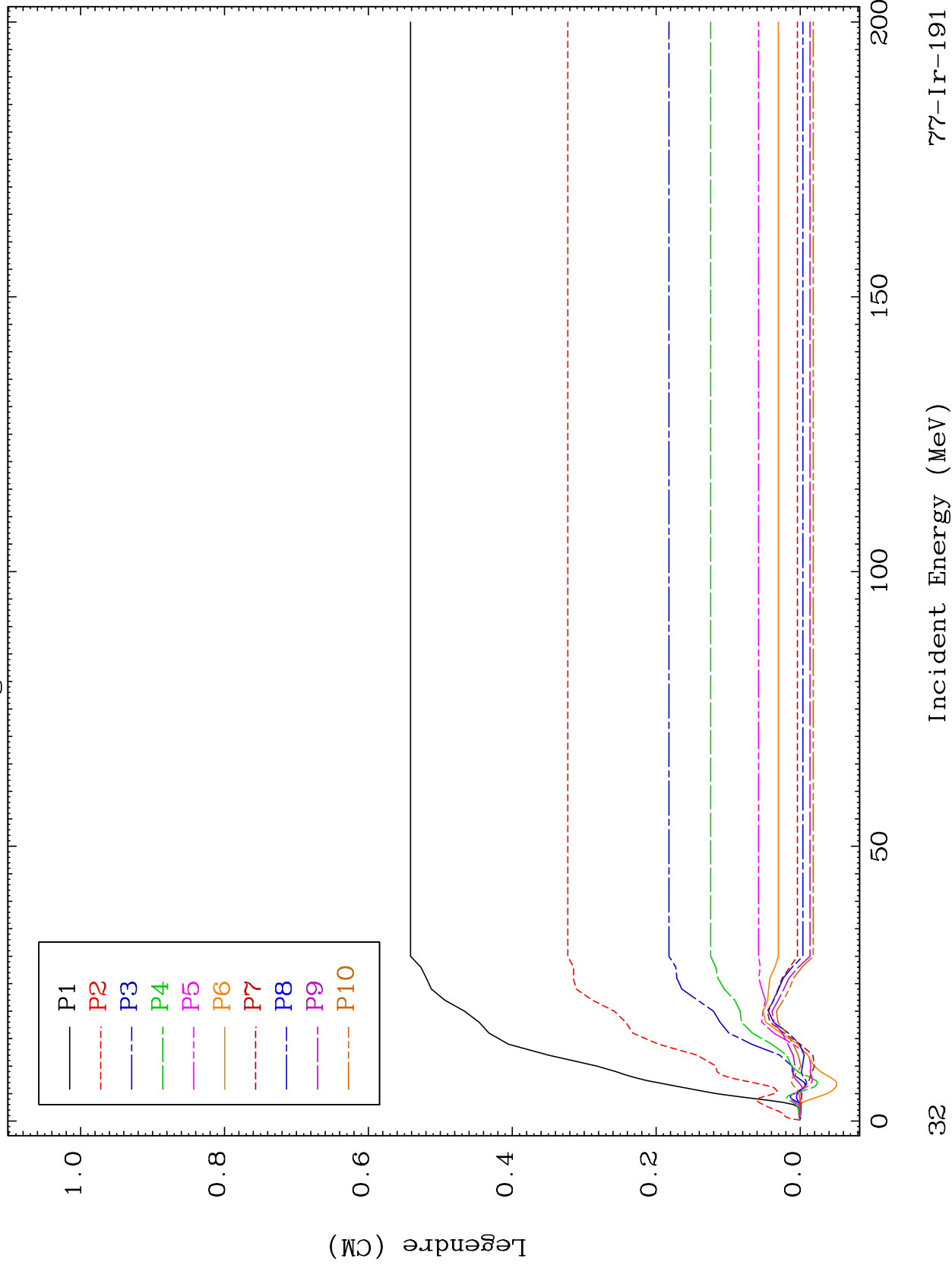
77-Ir-191



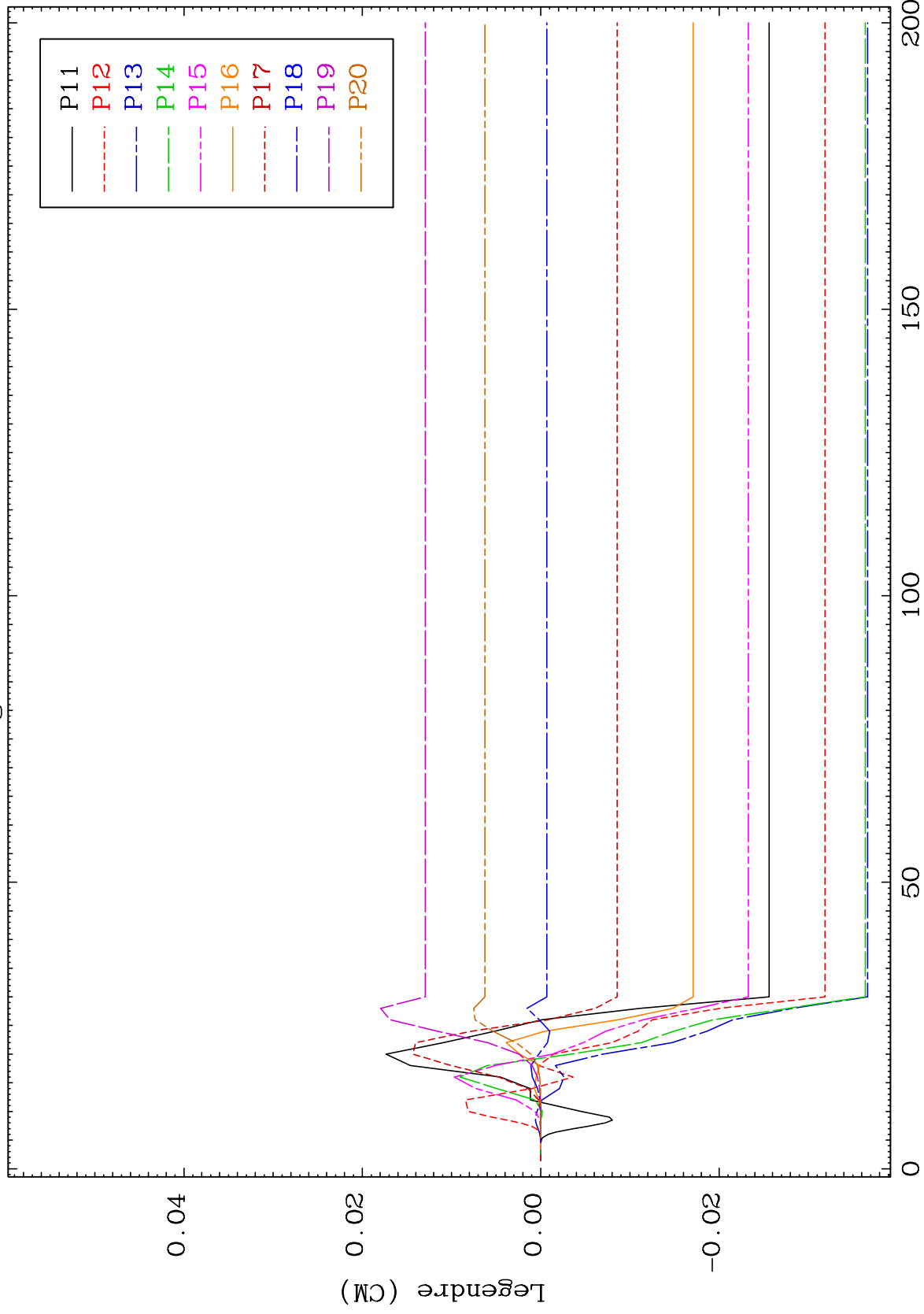
MAT 7725

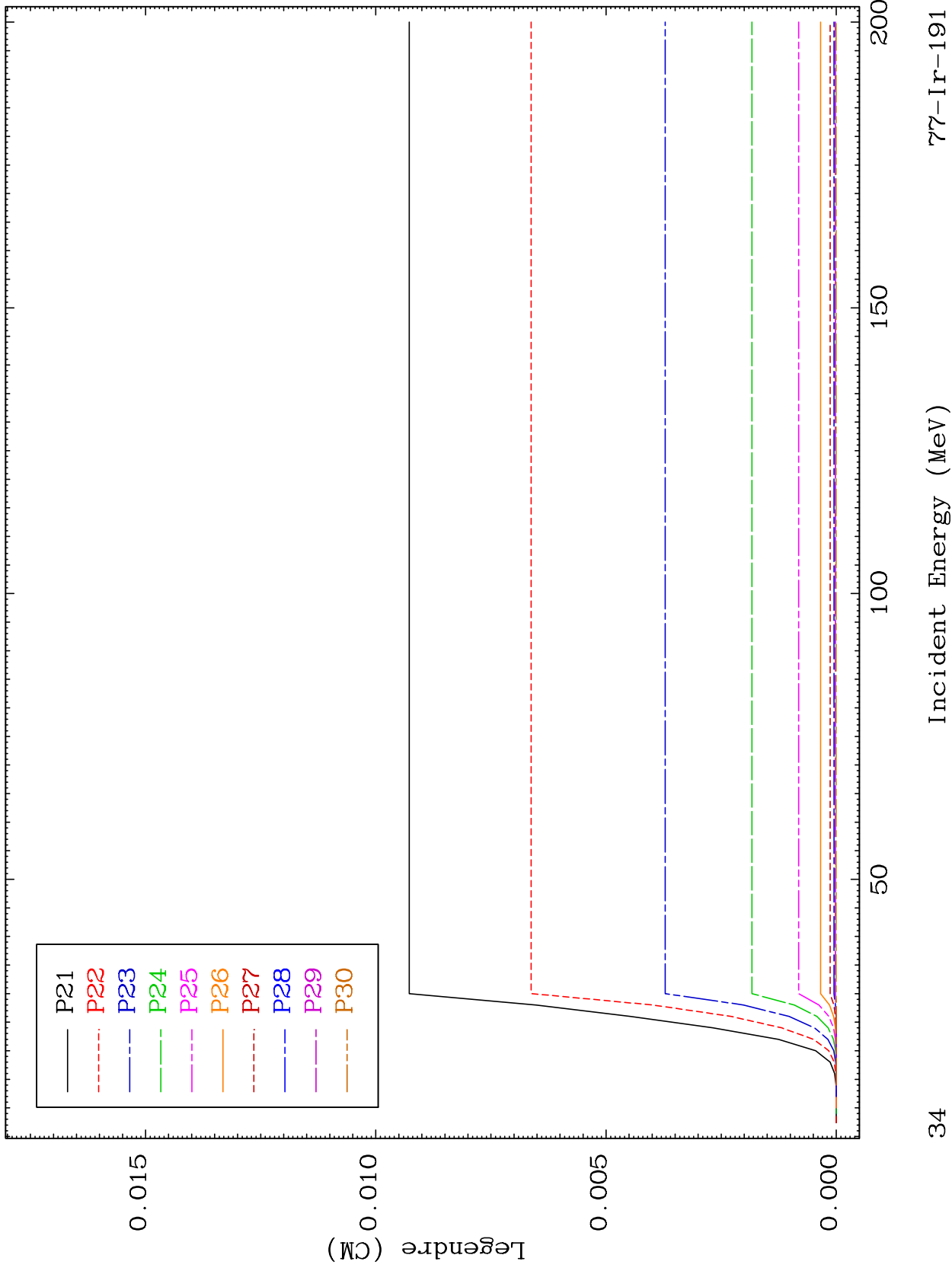
178.9 keV (n, n') Level
Legendre Coefficients

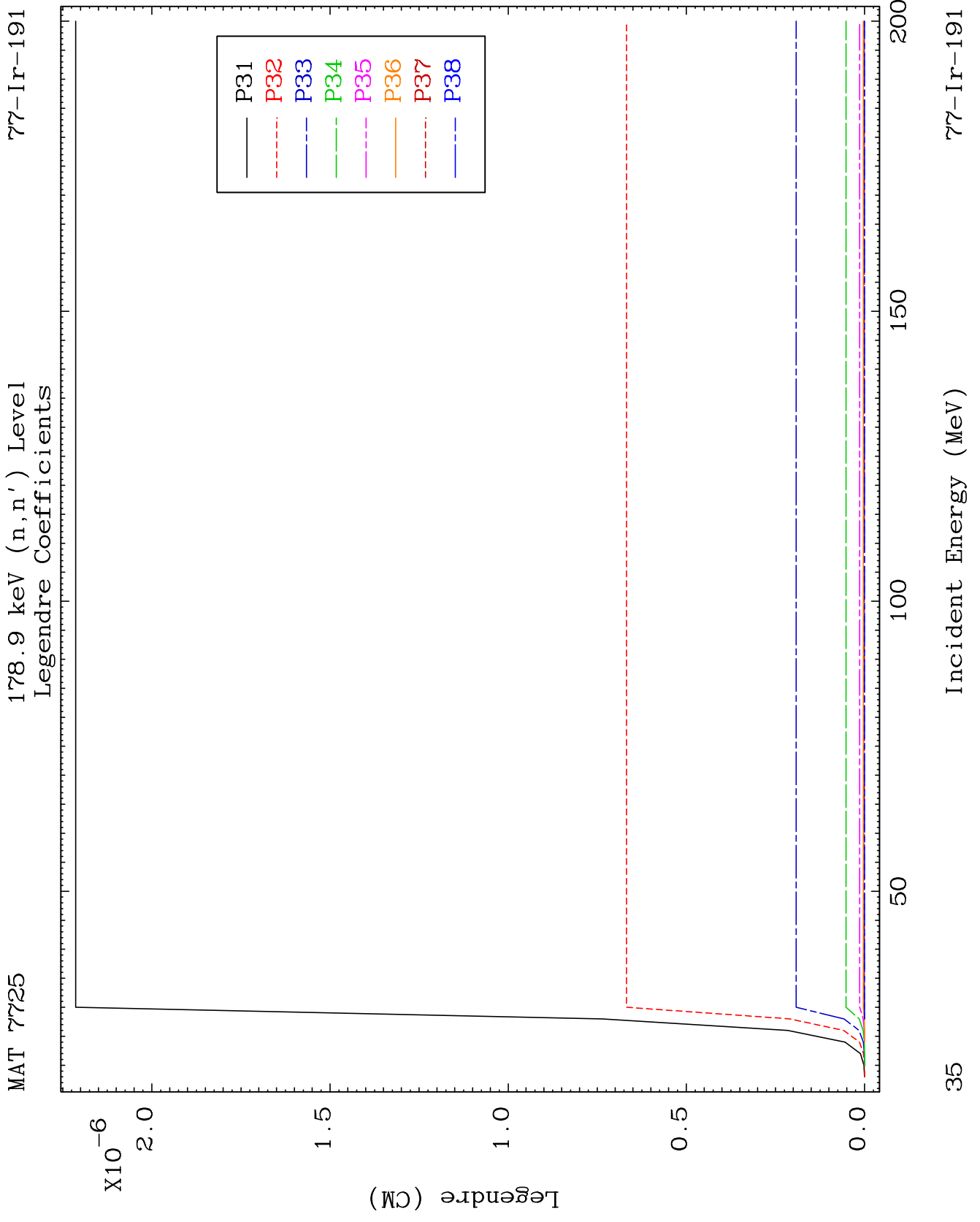
77-Ir-191

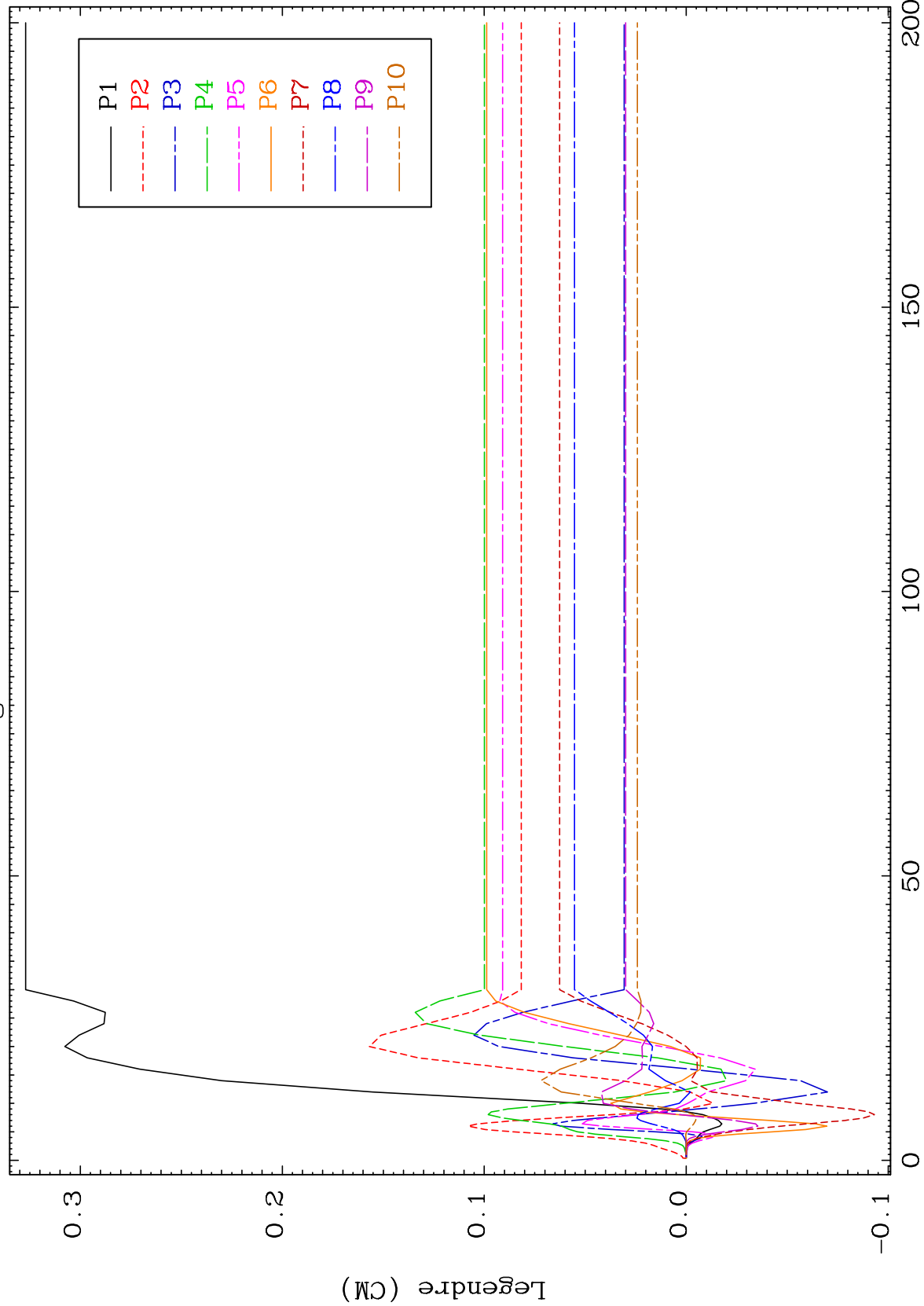


32





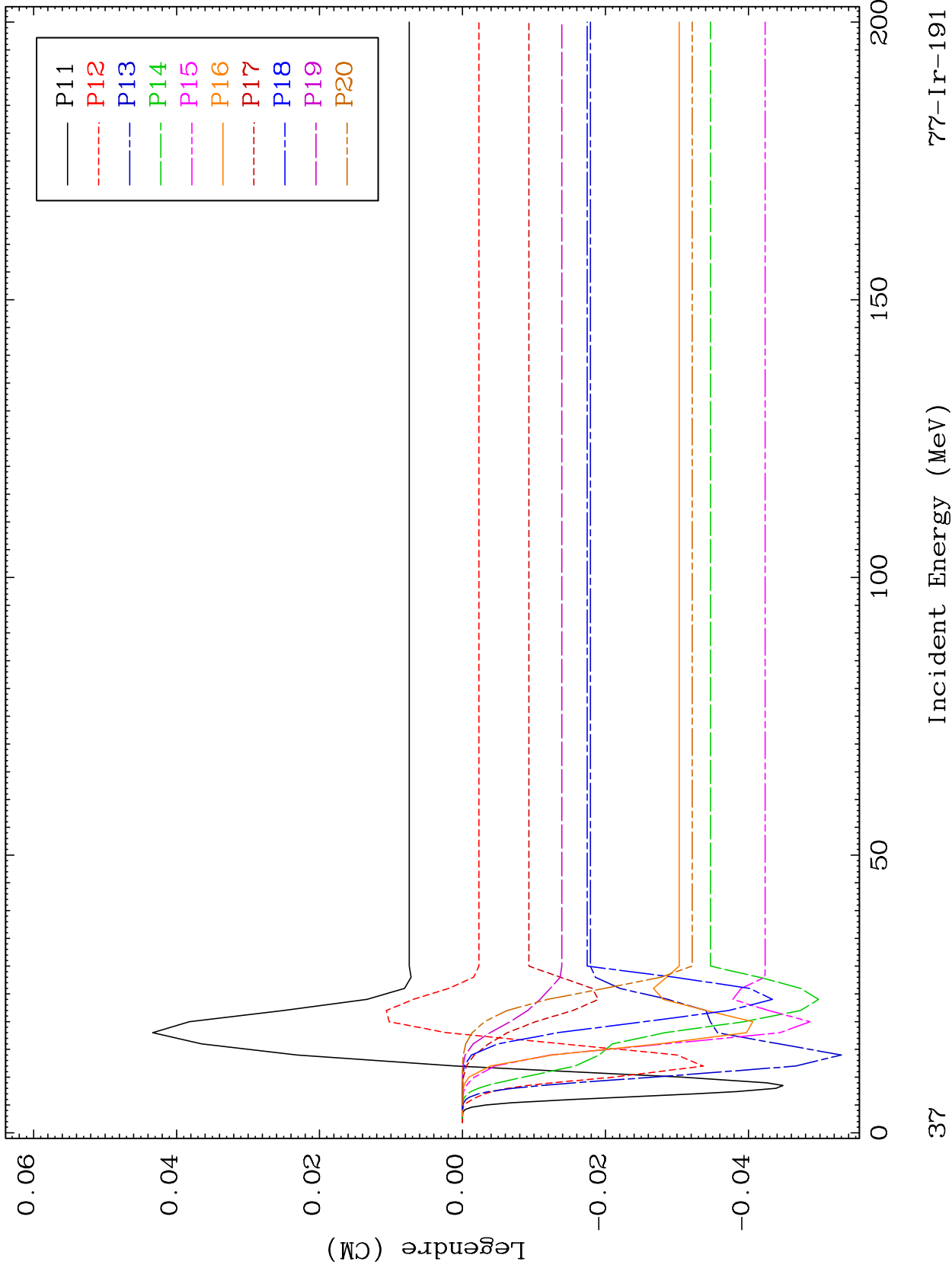




MAT 7725

300.4 keV (n,n') Level
Legendre Coefficients

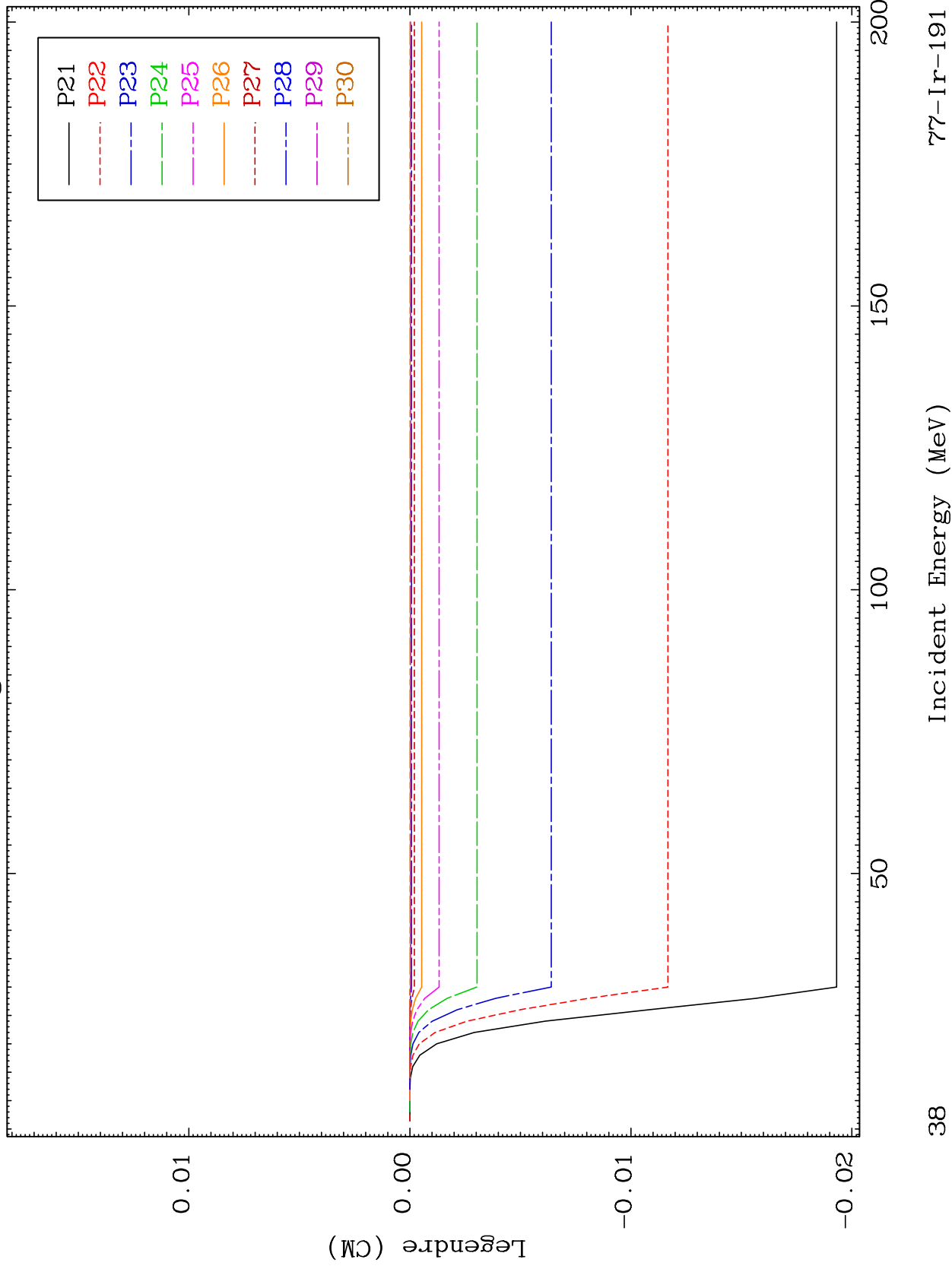
77-Ir-191

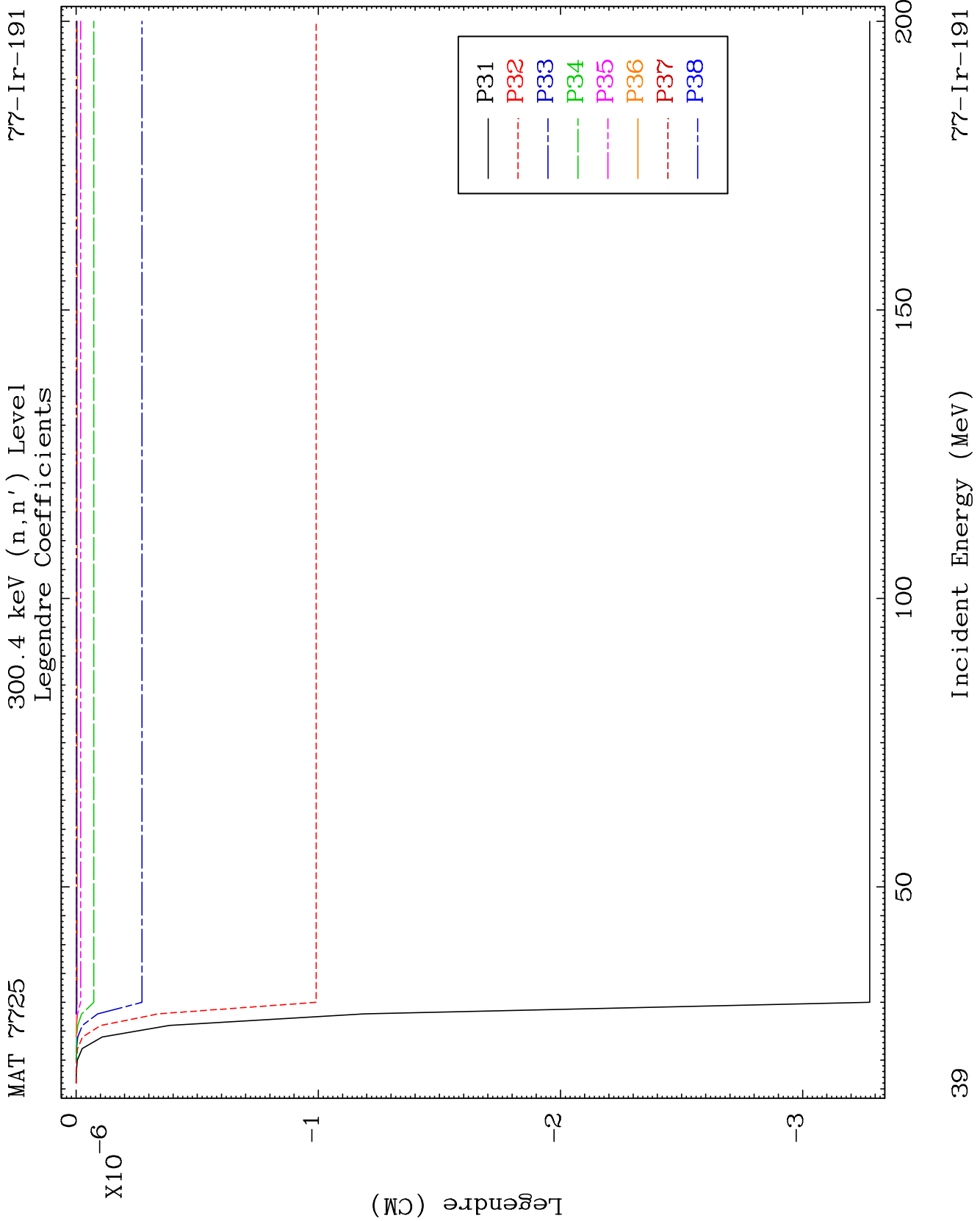


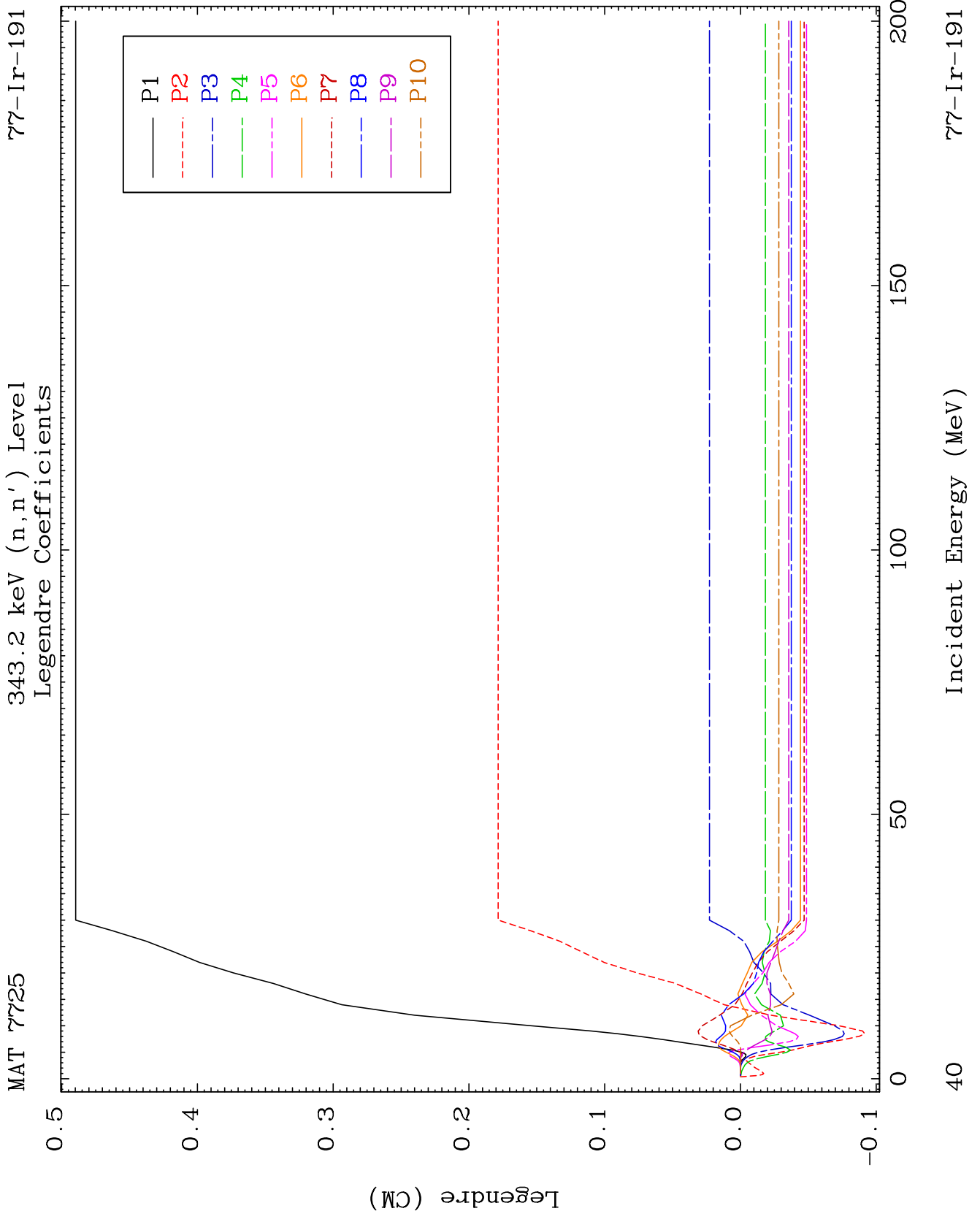
37

Incident Energy (MeV)

77-Ir-191



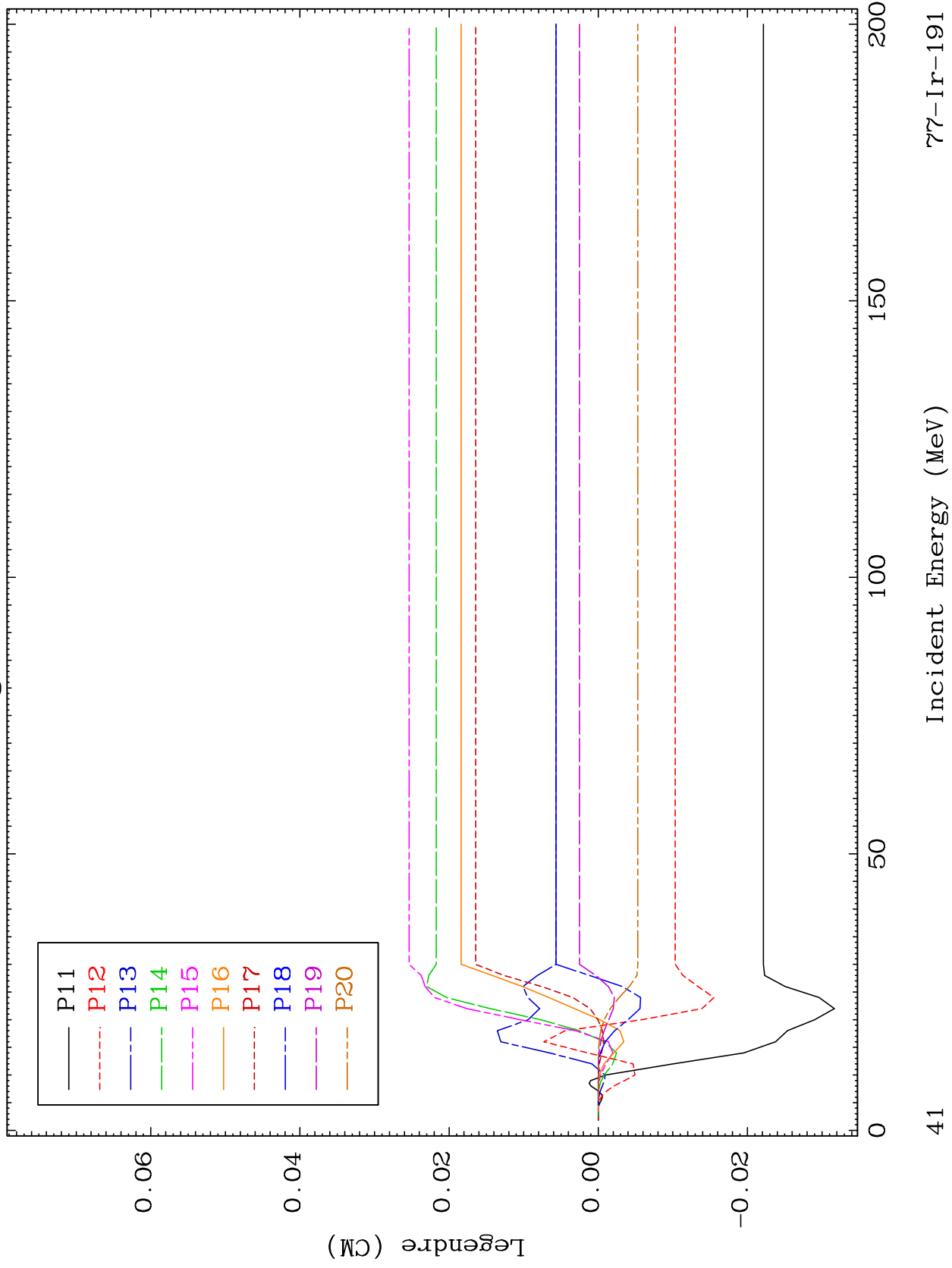




MAT 7725

343.2 keV (n,n') Level
Legendre Coefficients

77-Ir-191



77-Ir-191

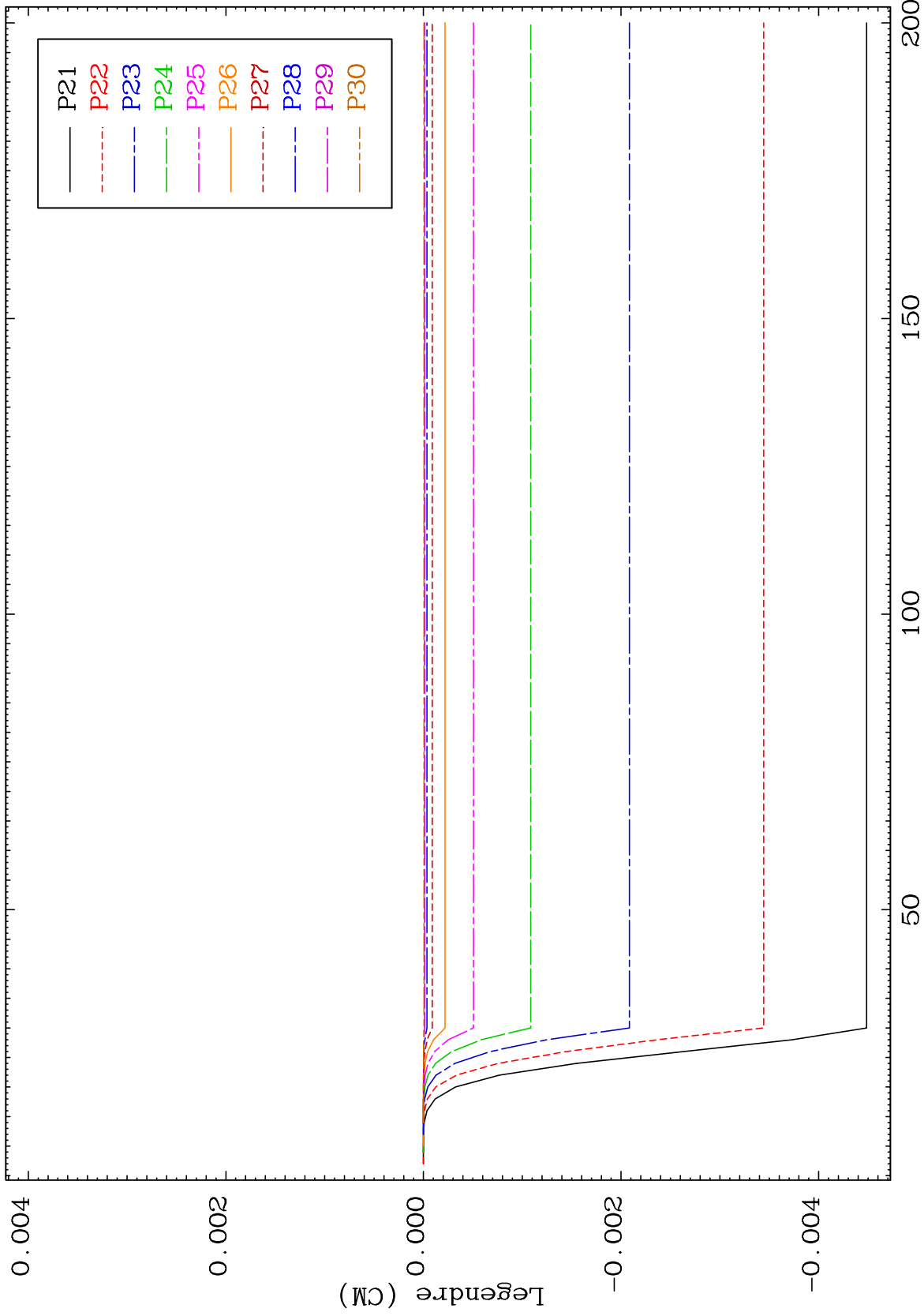
Incident Energy (MeV)

41

MAT 7725

343.2 keV (n,n') Level
Legendre Coefficients

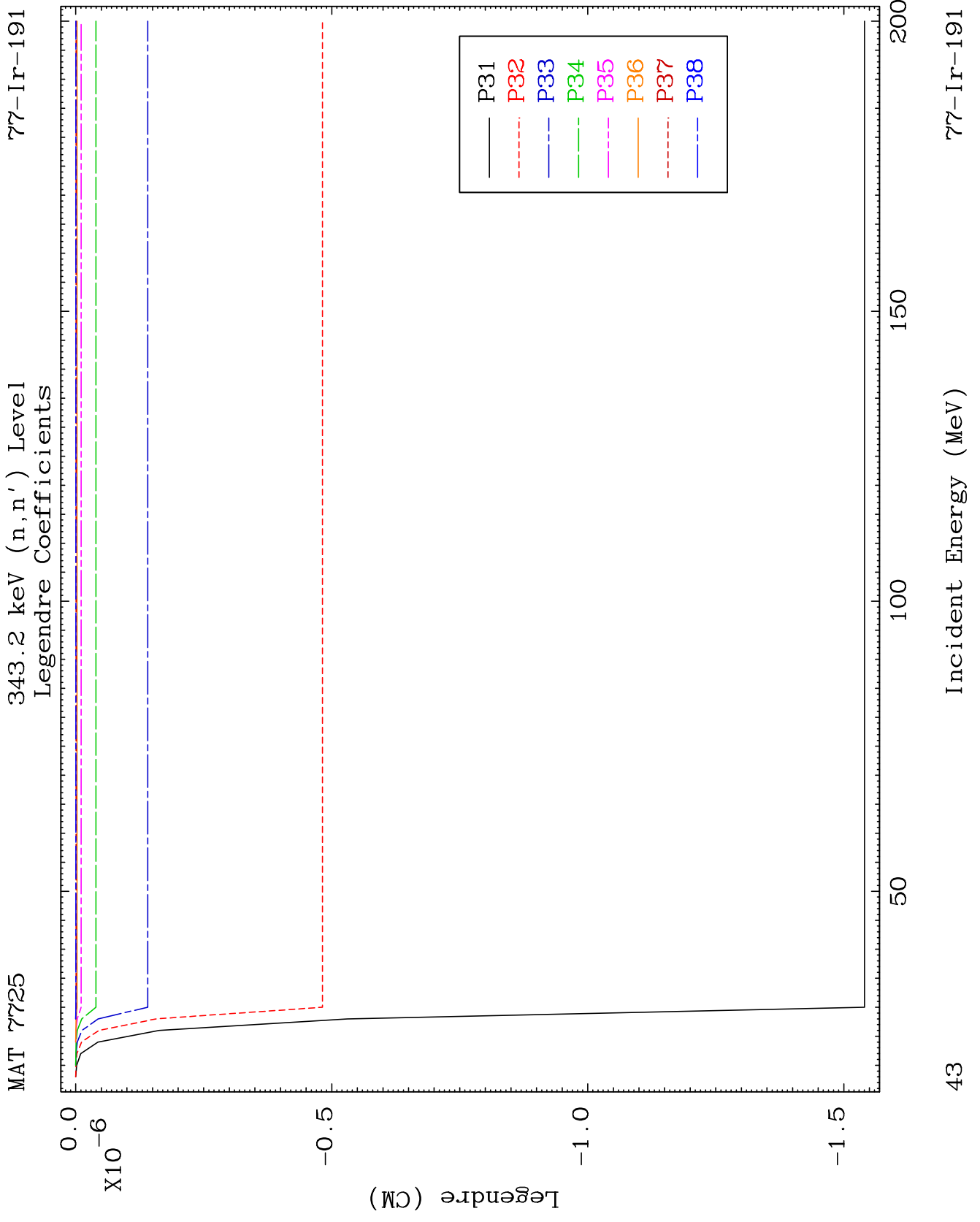
77-Ir-191



42

Incident Energy (MeV)

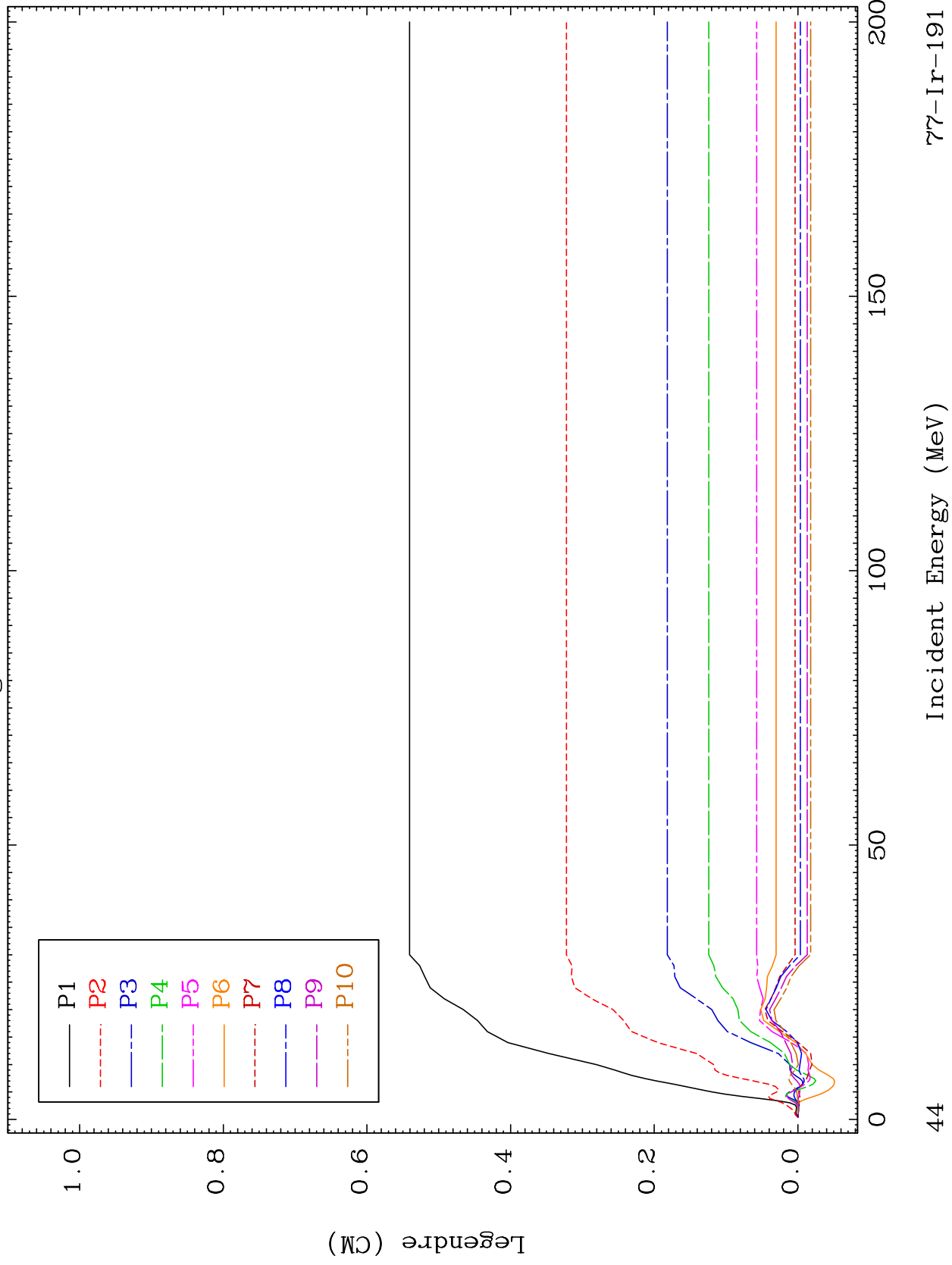
77-Ir-191



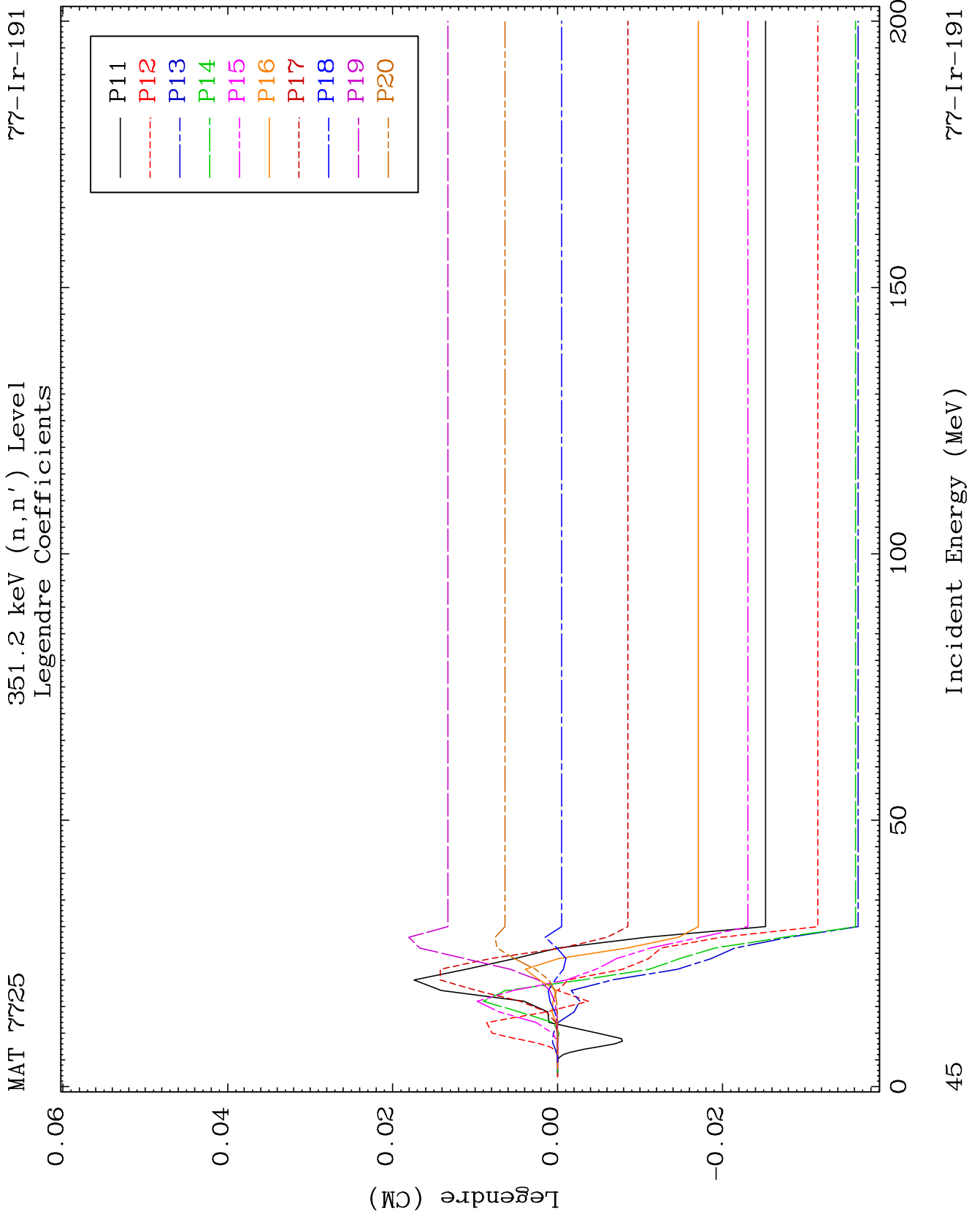
MAT 7725

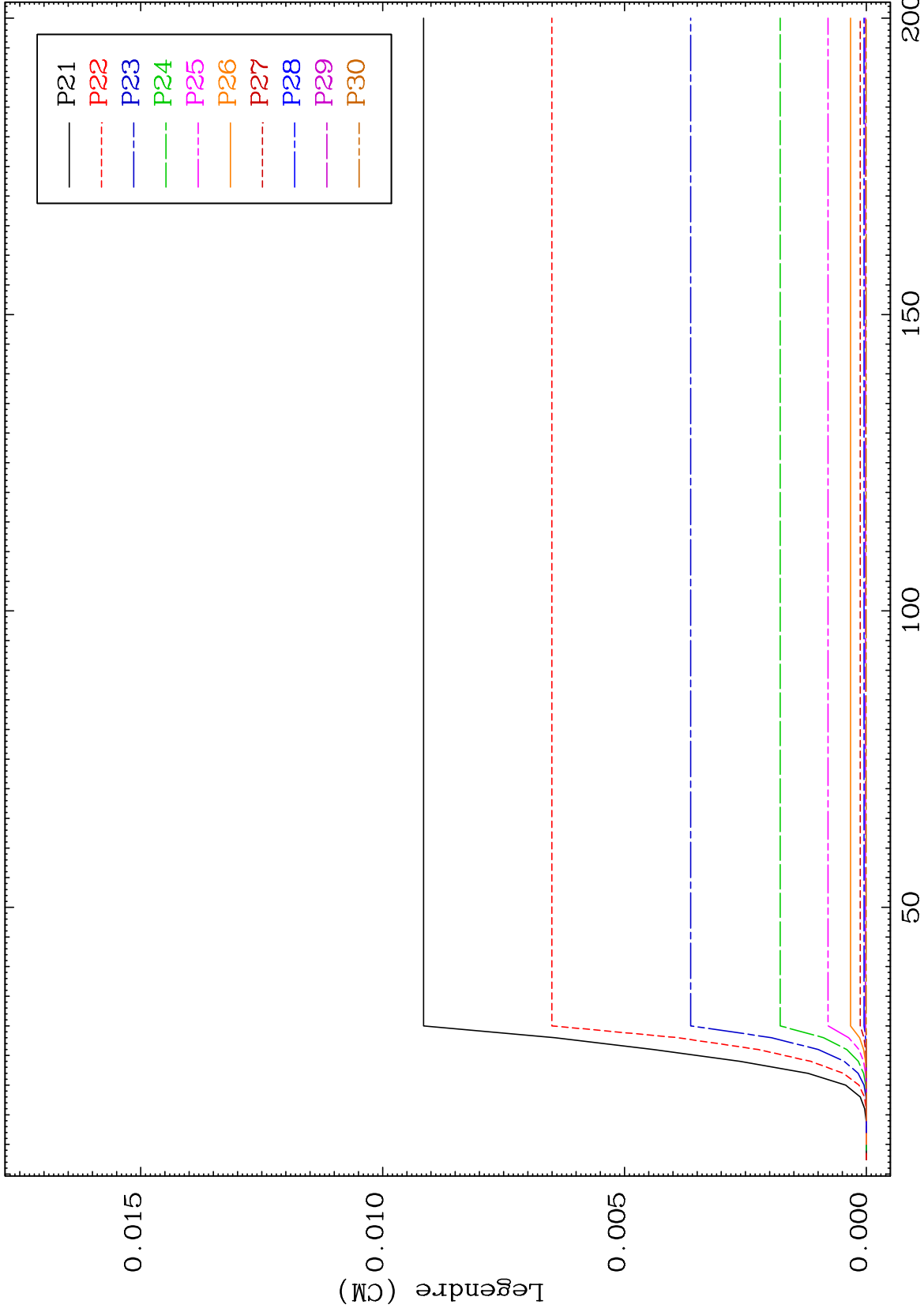
351.2 keV (n,n') Level
Legendre Coefficients

77-Ir-191



44

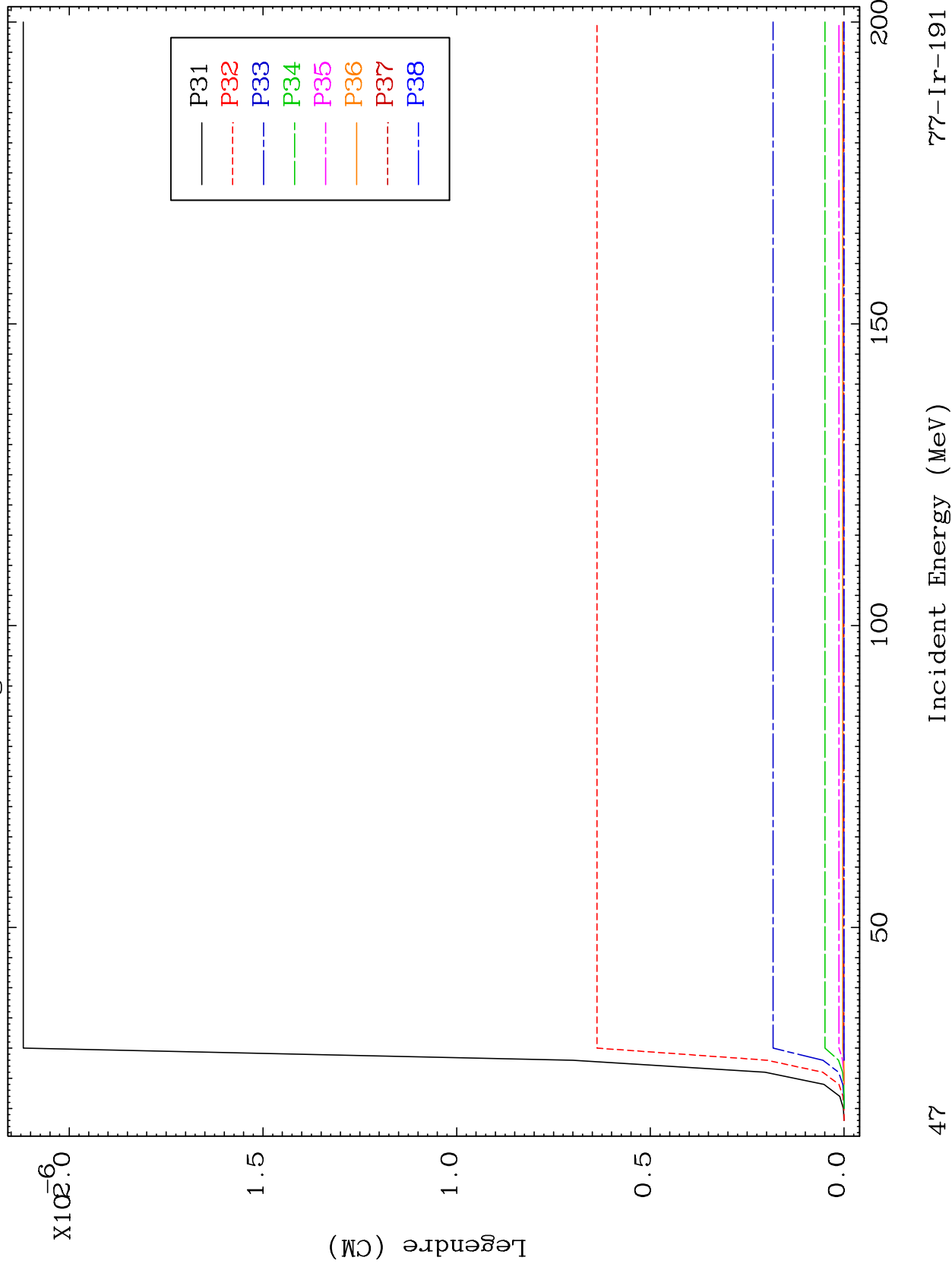




MAT 7725

351.2 keV (n,n') Level
Legendre Coefficients

77-Ir-191



47

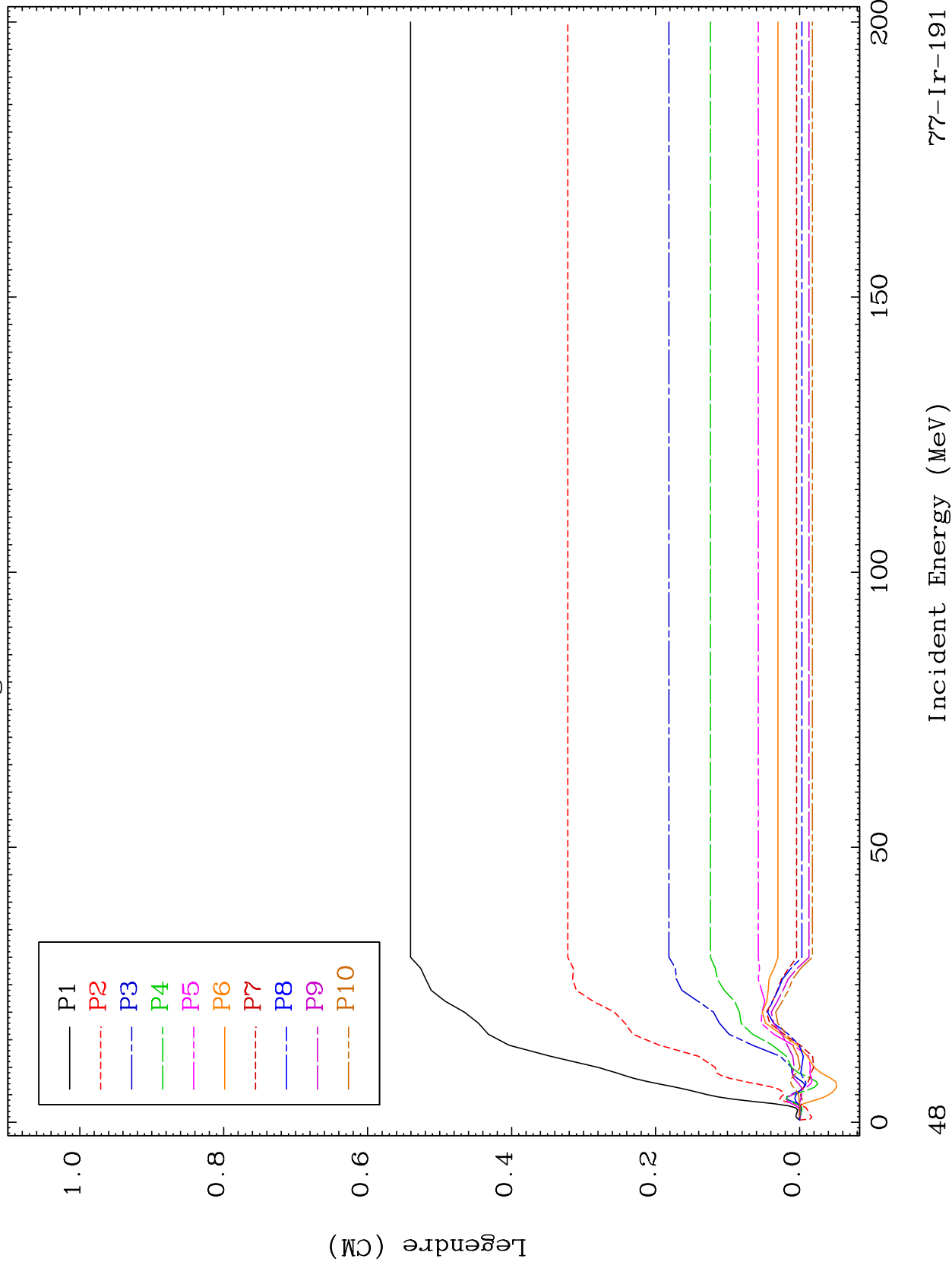
Incident Energy (MeV)

77-Ir-191

MAT 7725

390.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191

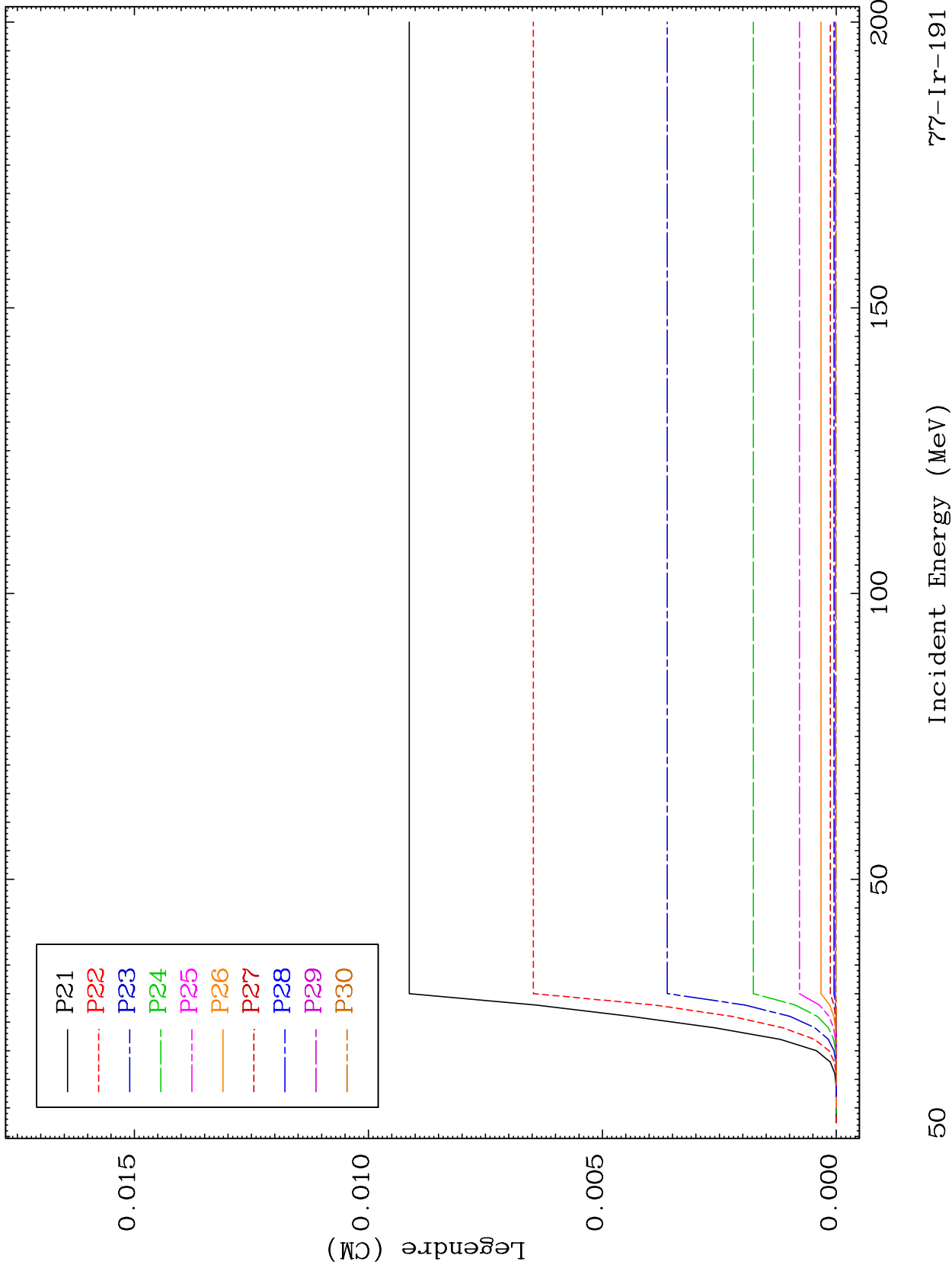


48

MAT 7725

390.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191



77-Ir-191

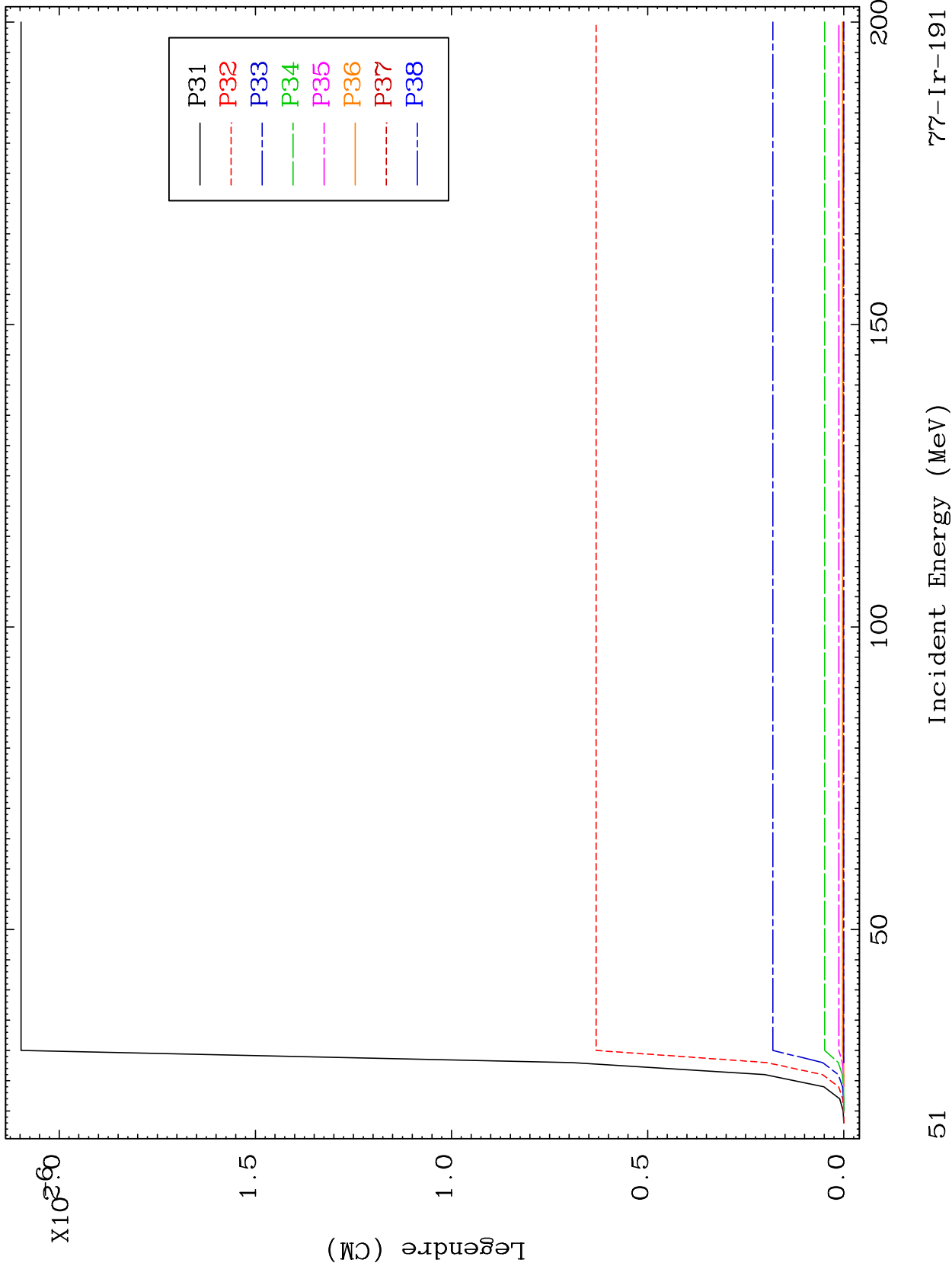
Incident Energy (MeV)

50

MAT 7725

390.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191



51

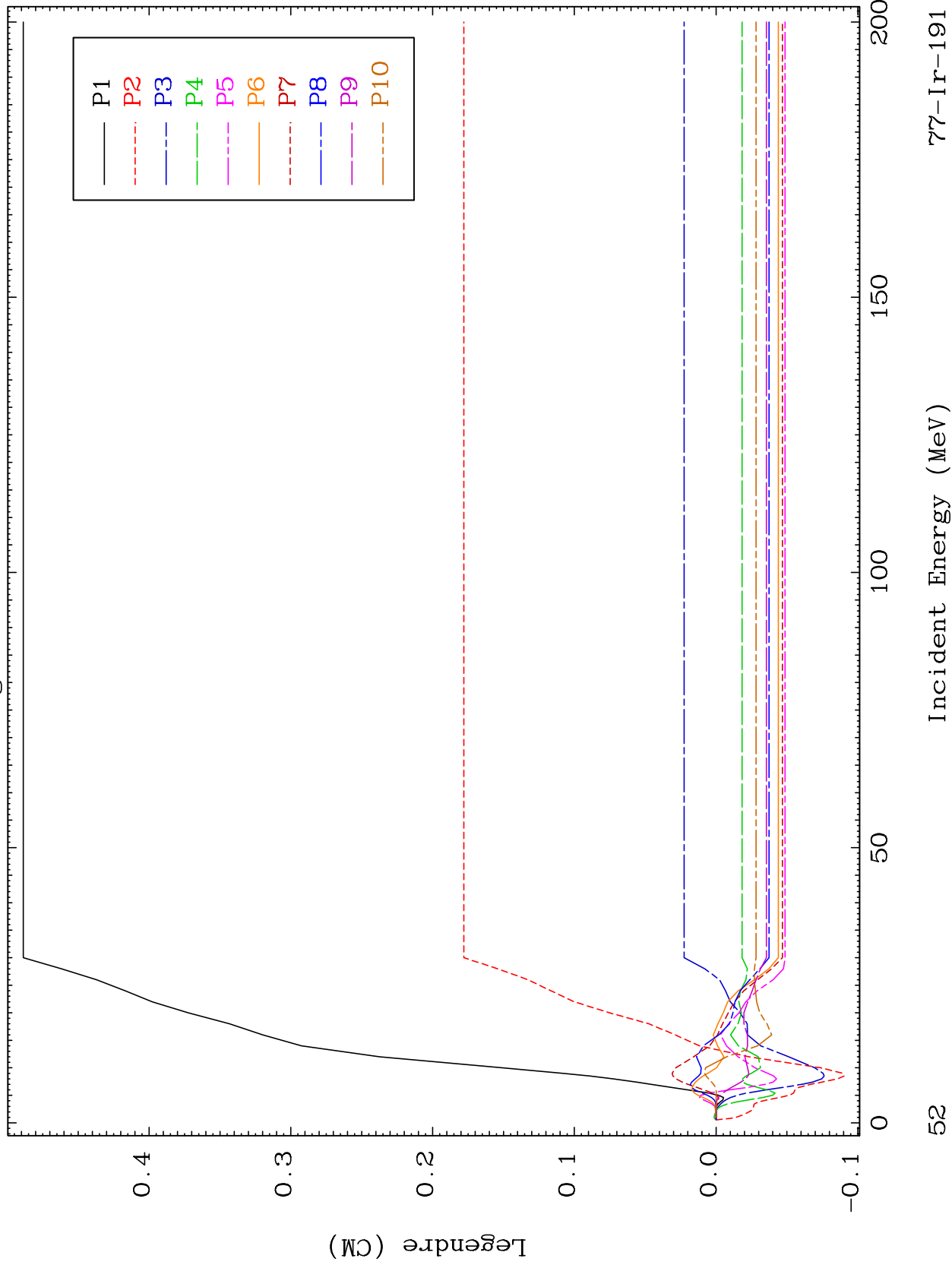
Incident Energy (MeV)

77-Ir-191

MAT 7725

502.6 keV (n,n') Level
Legendre Coefficients

77-Ir-191



77-Ir-191

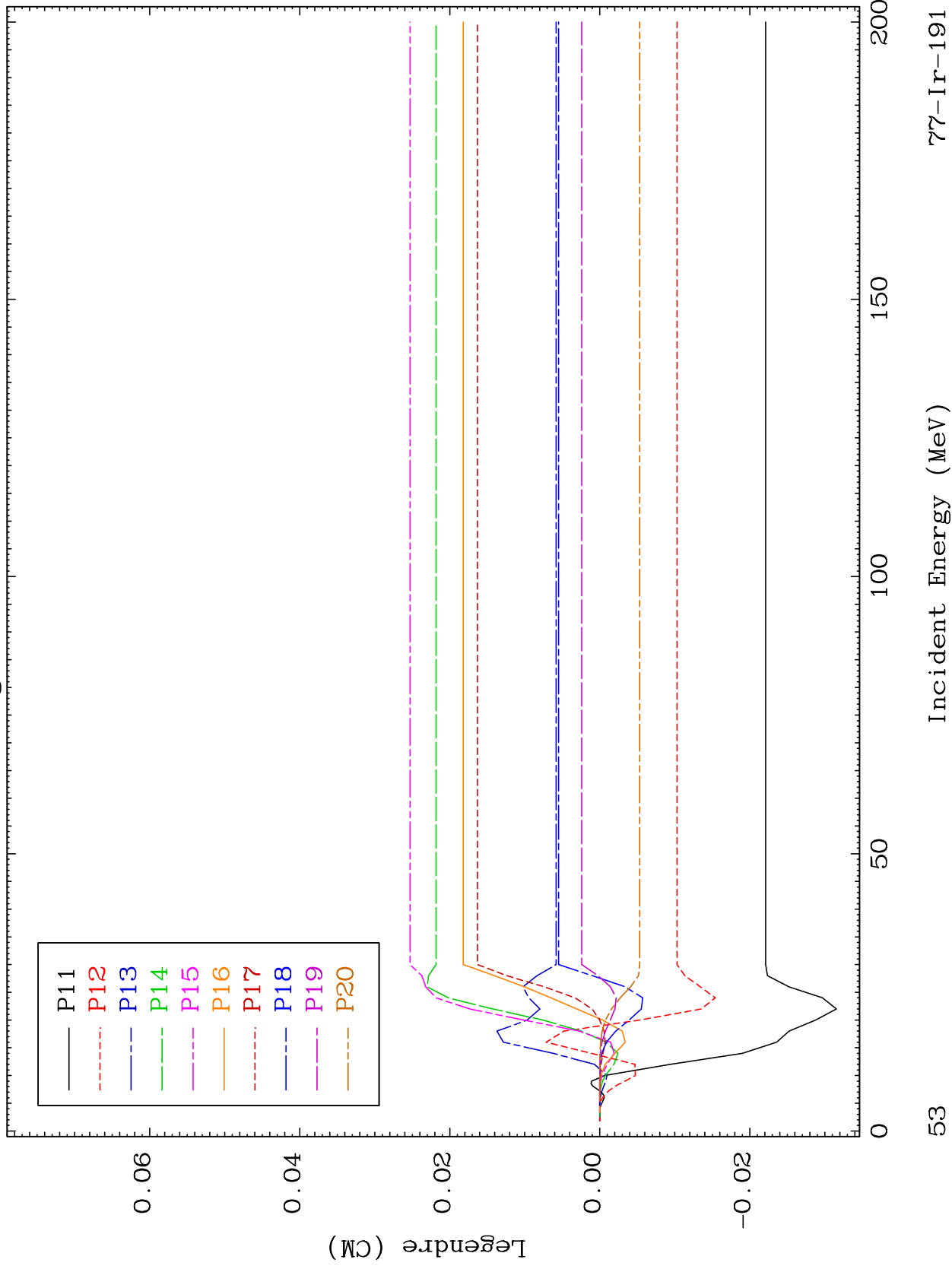
Incident Energy (MeV)

52

MAT 7725

502.6 keV (n,n') Level
Legendre Coefficients

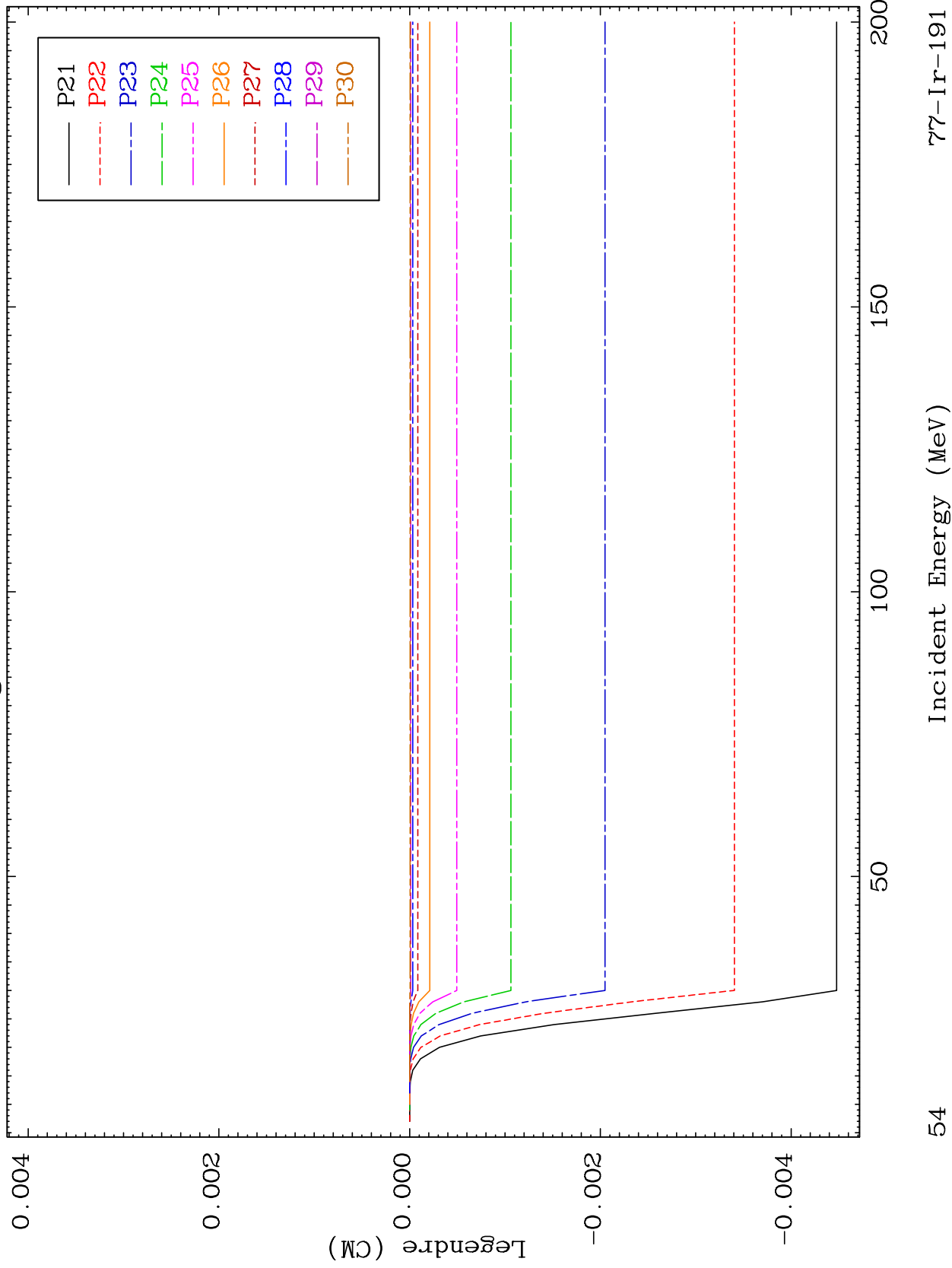
77-Ir-191

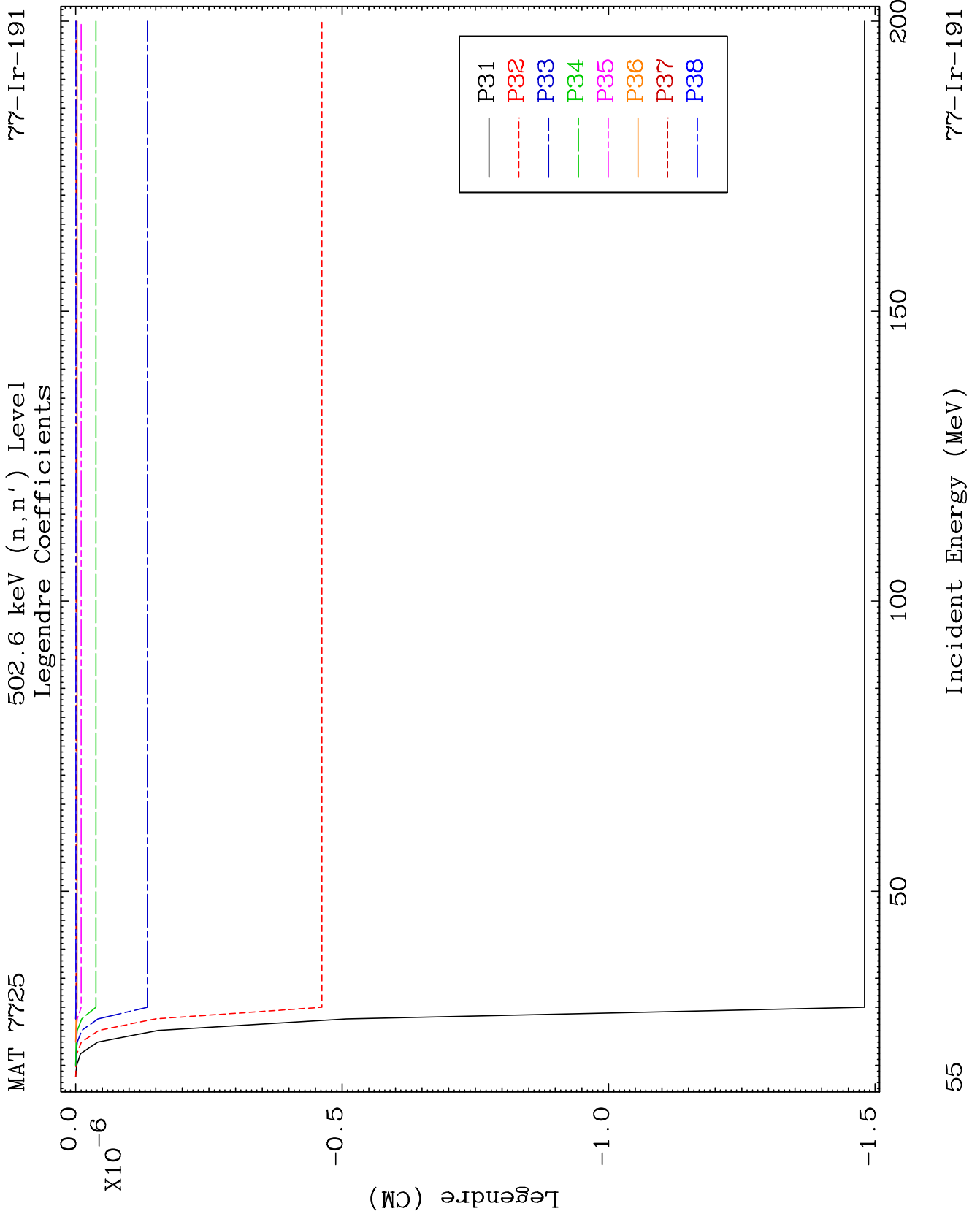


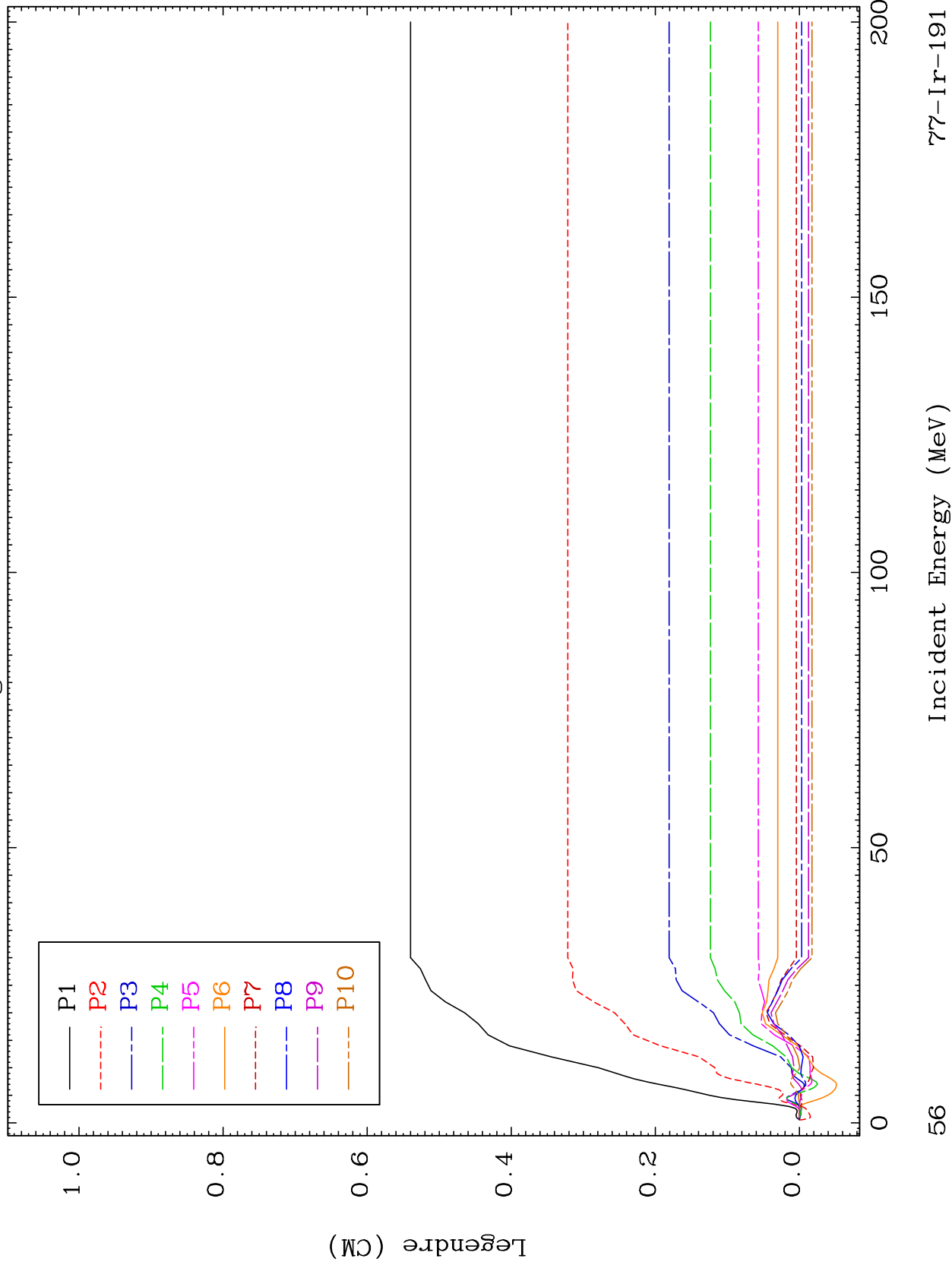
77-Ir-191

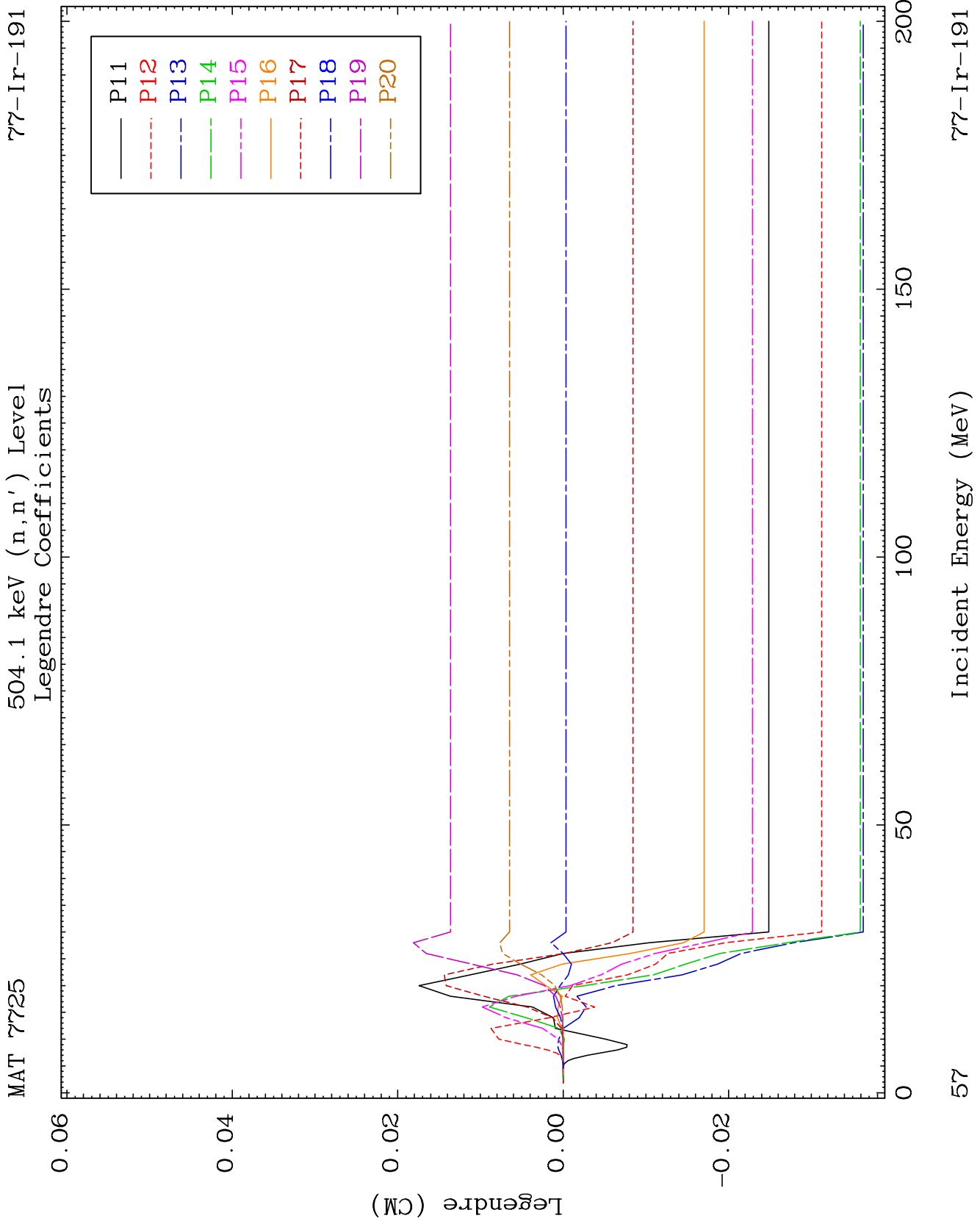
Incident Energy (MeV)

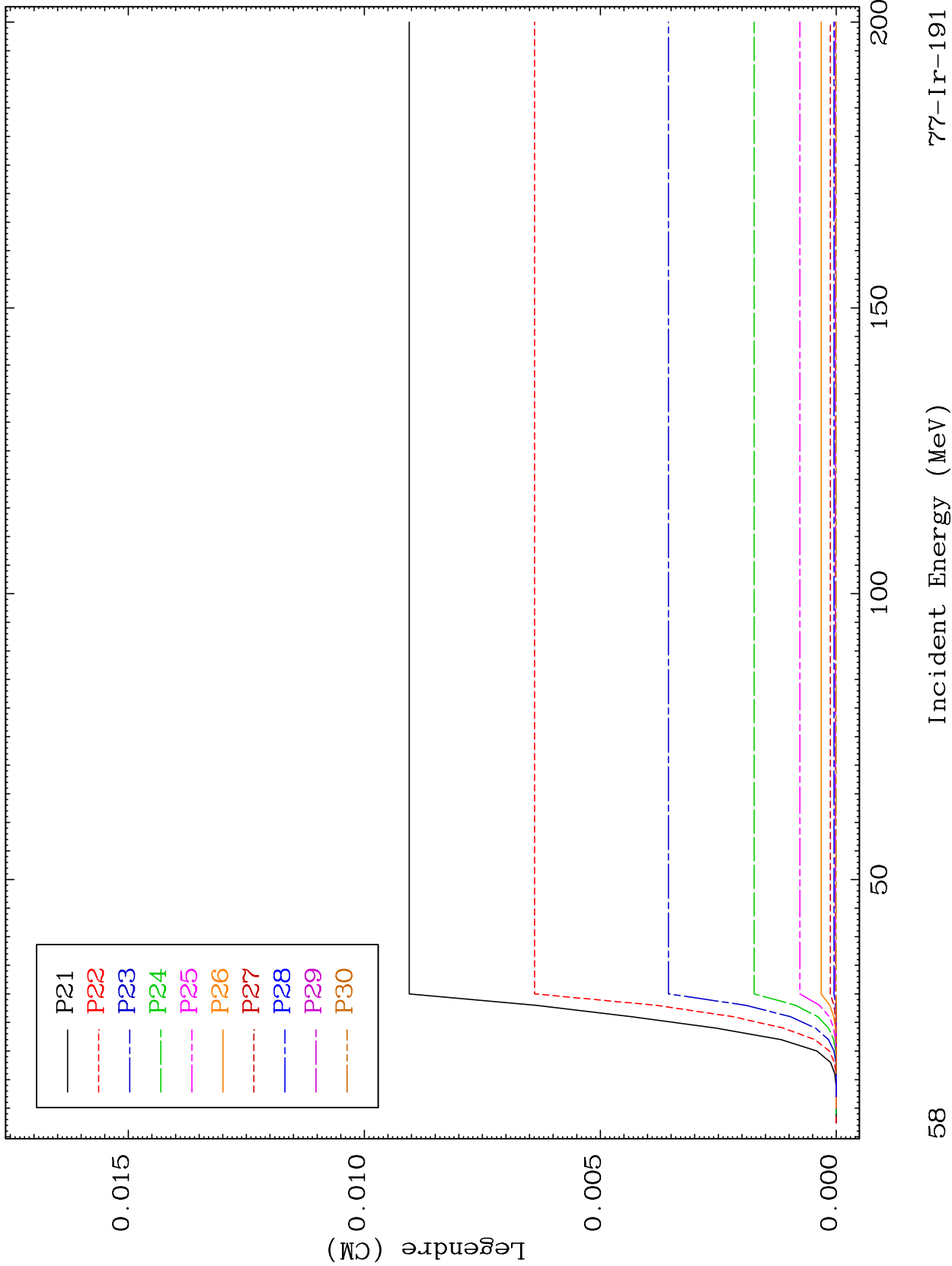
53







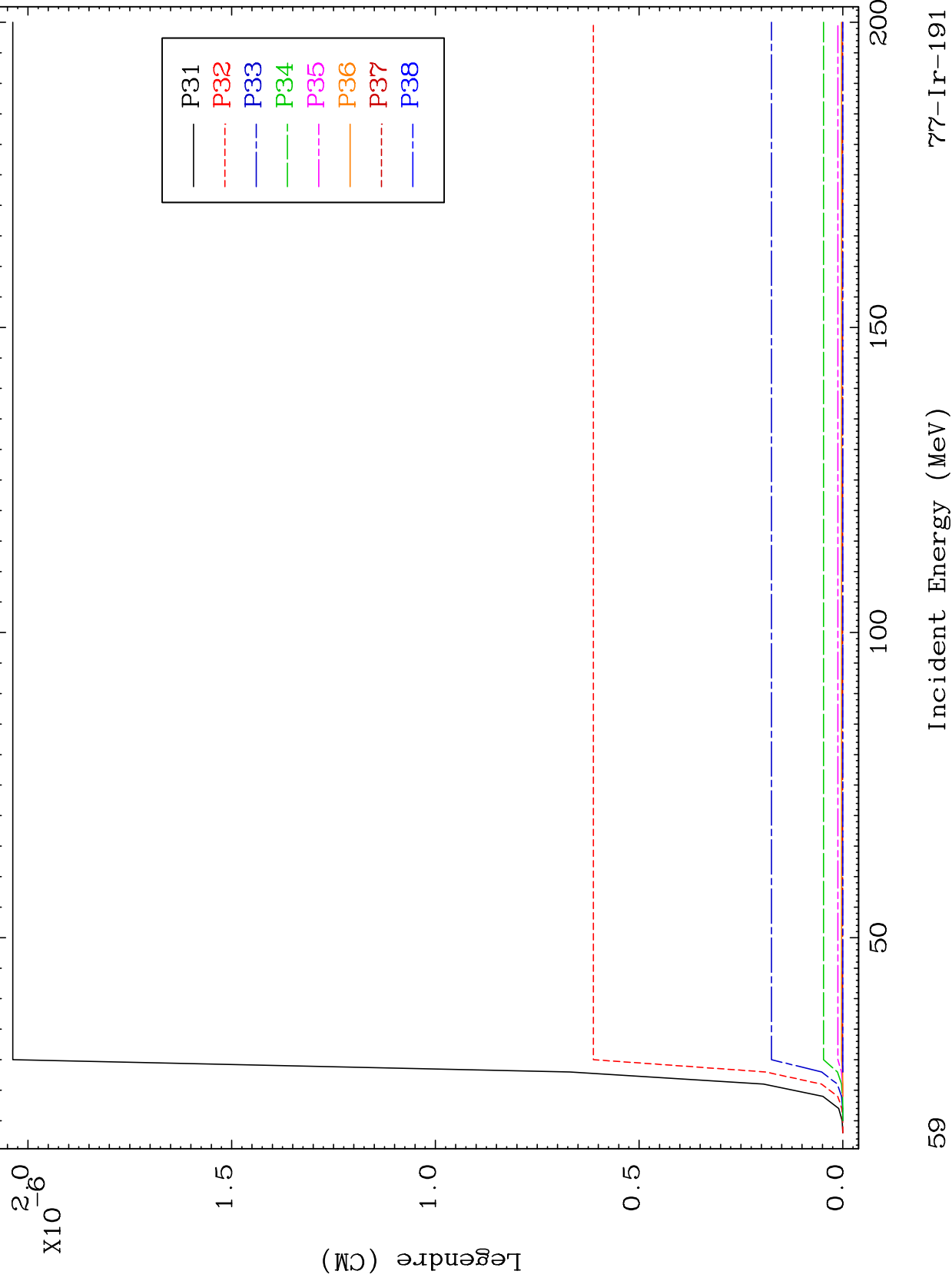




MAT 7725

504.1 keV (n,n') Level
Legendre Coefficients

77-Ir-191



59

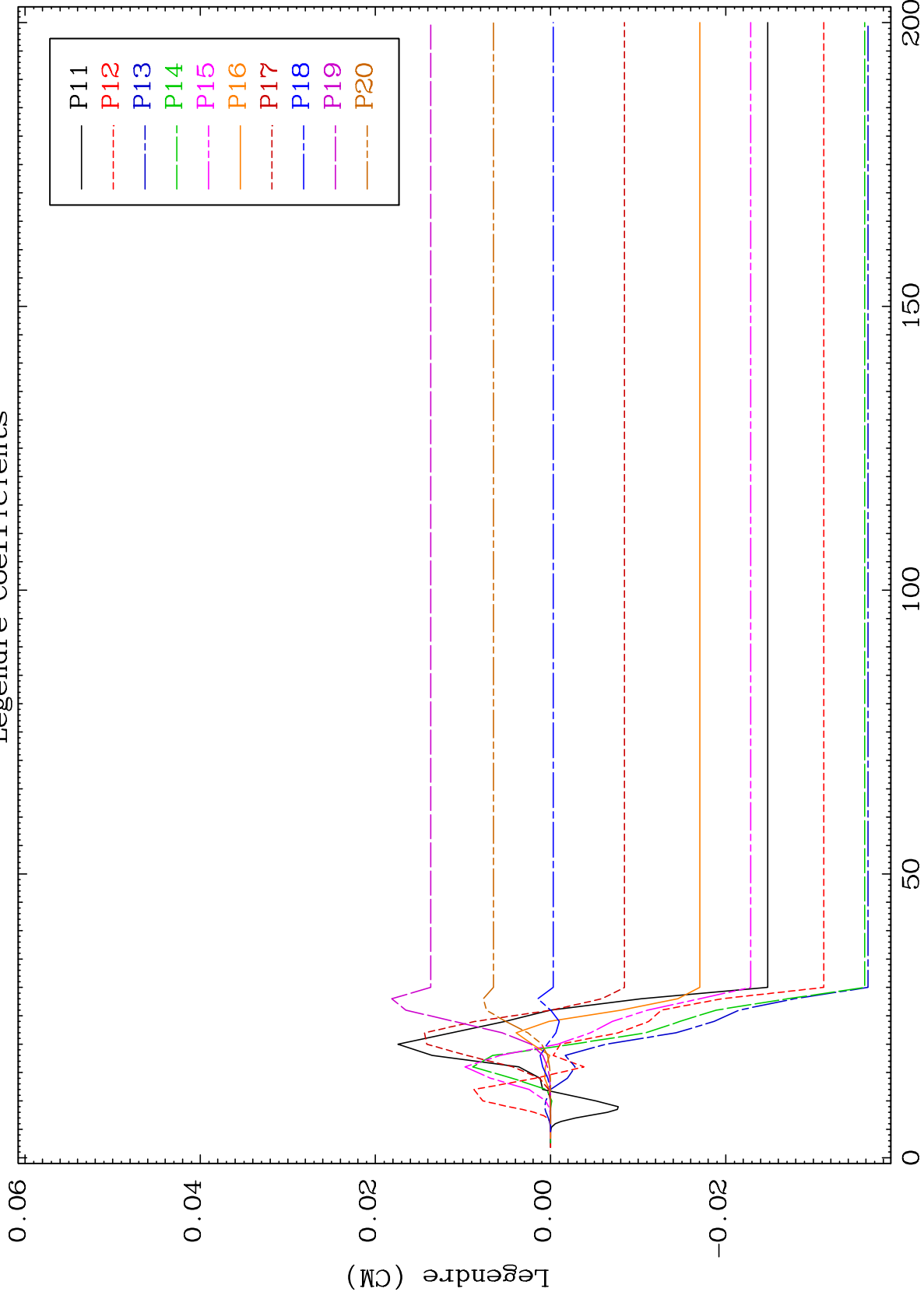
Incident Energy (MeV)

77-Ir-191

MAT 7725

538.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191



61

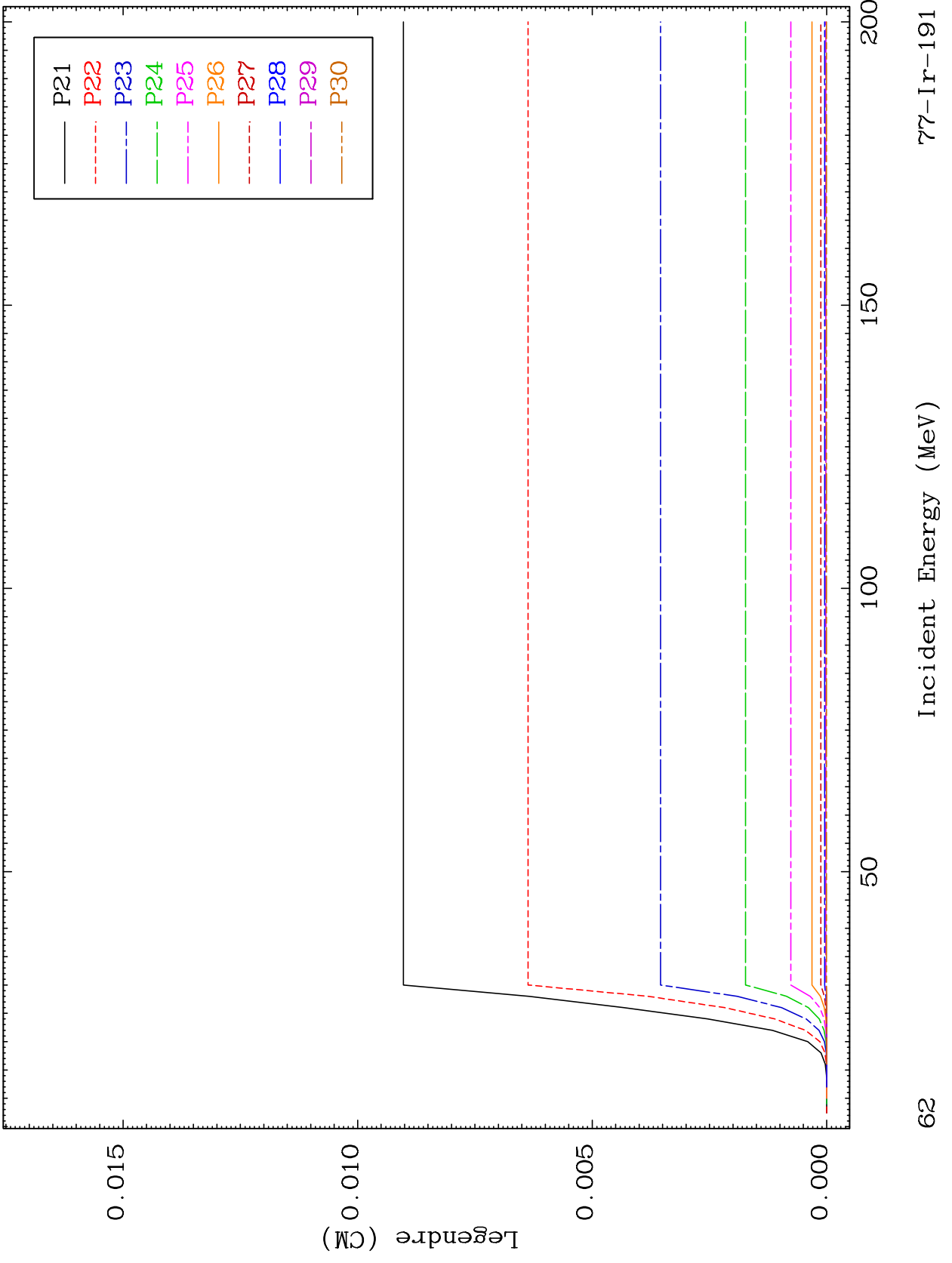
Incident Energy (MeV)

77-Ir-191

MAT 7725

538.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191



62

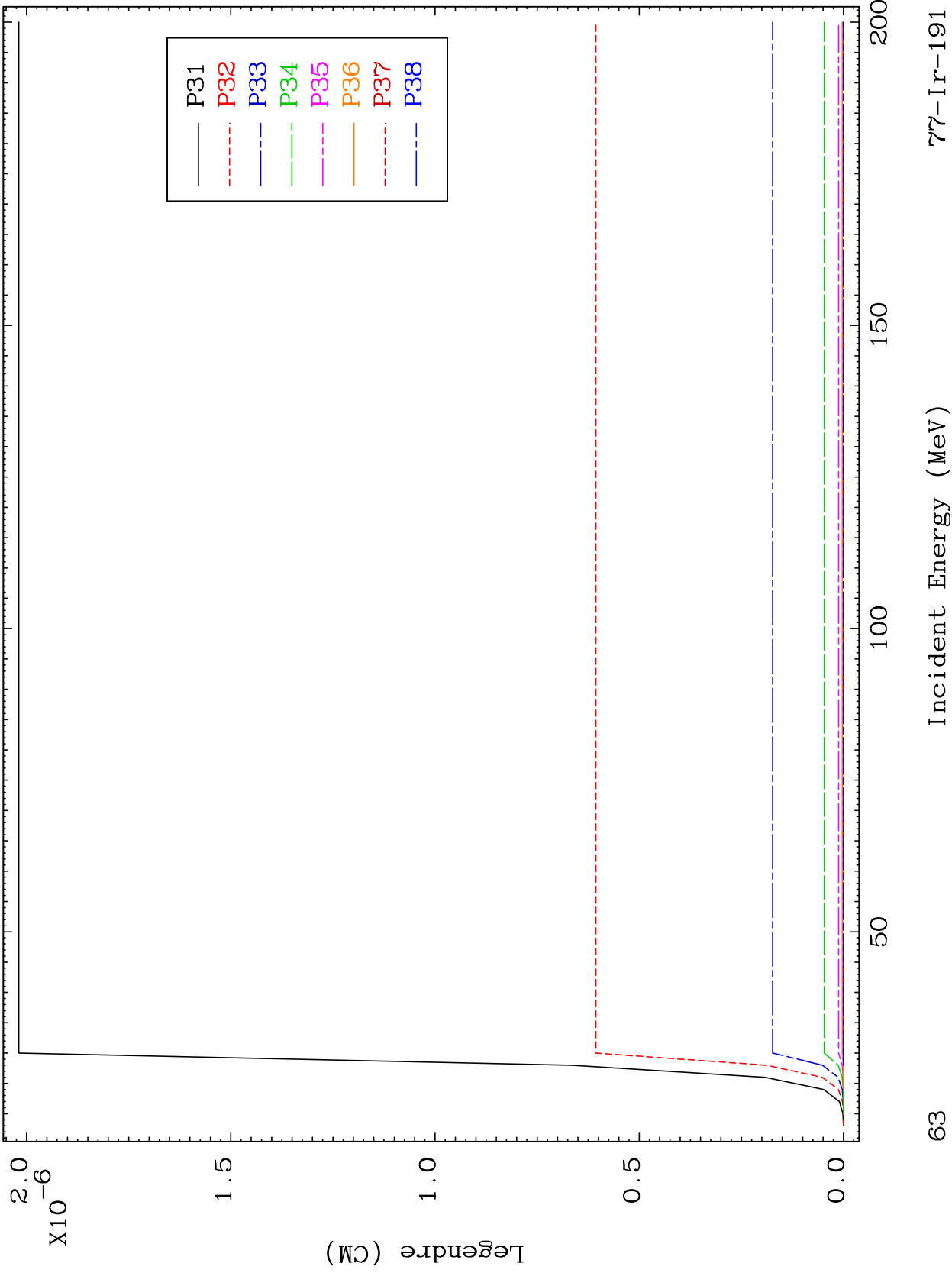
Incident Energy (MeV)

77-Ir-191

MAT 7725

538.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191



63

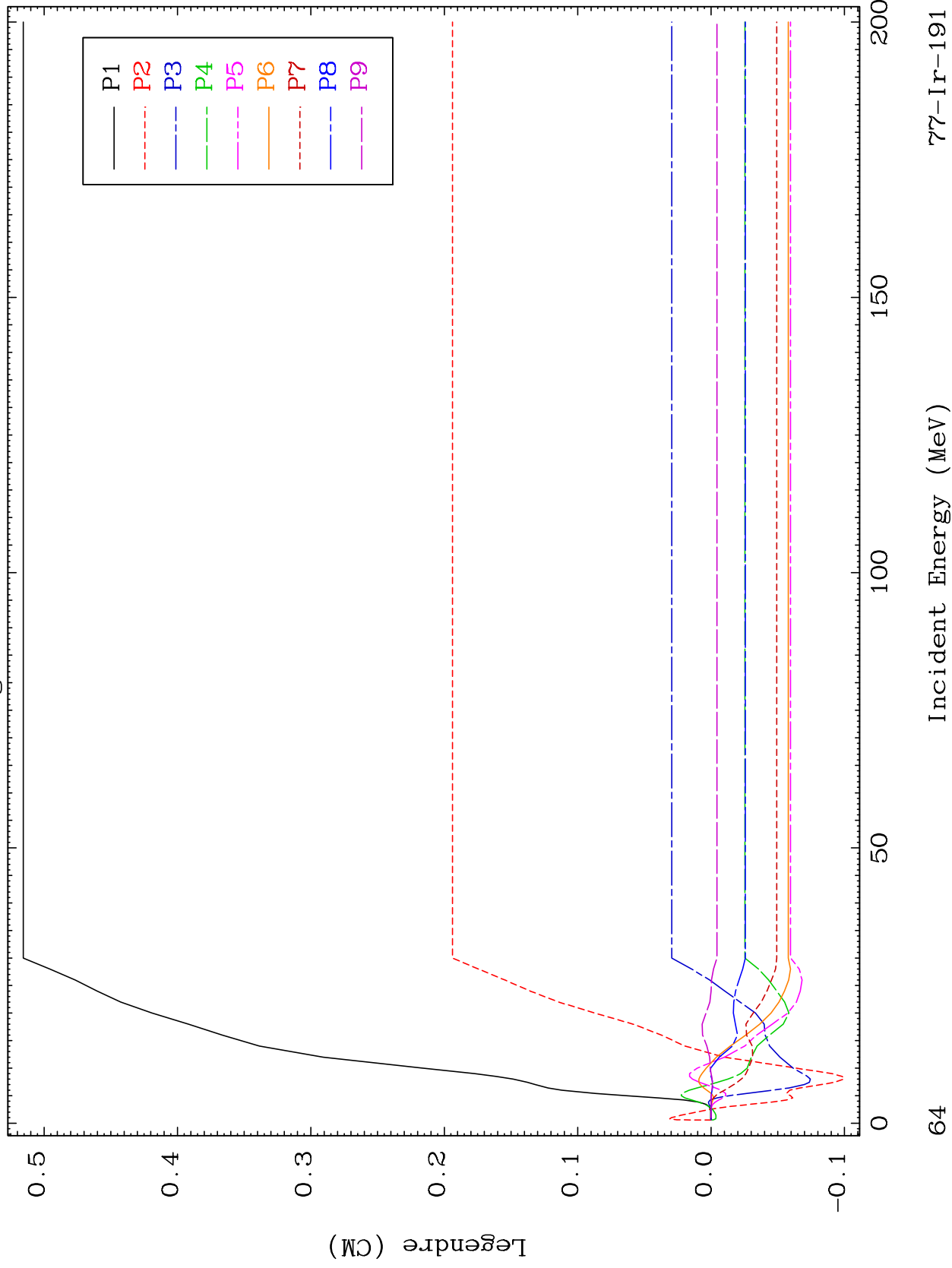
Incident Energy (MeV)

77-Ir-191

MAT 7725

556.6 keV (n,n') Level
Legendre Coefficients

77-Ir-191



77-Ir-191

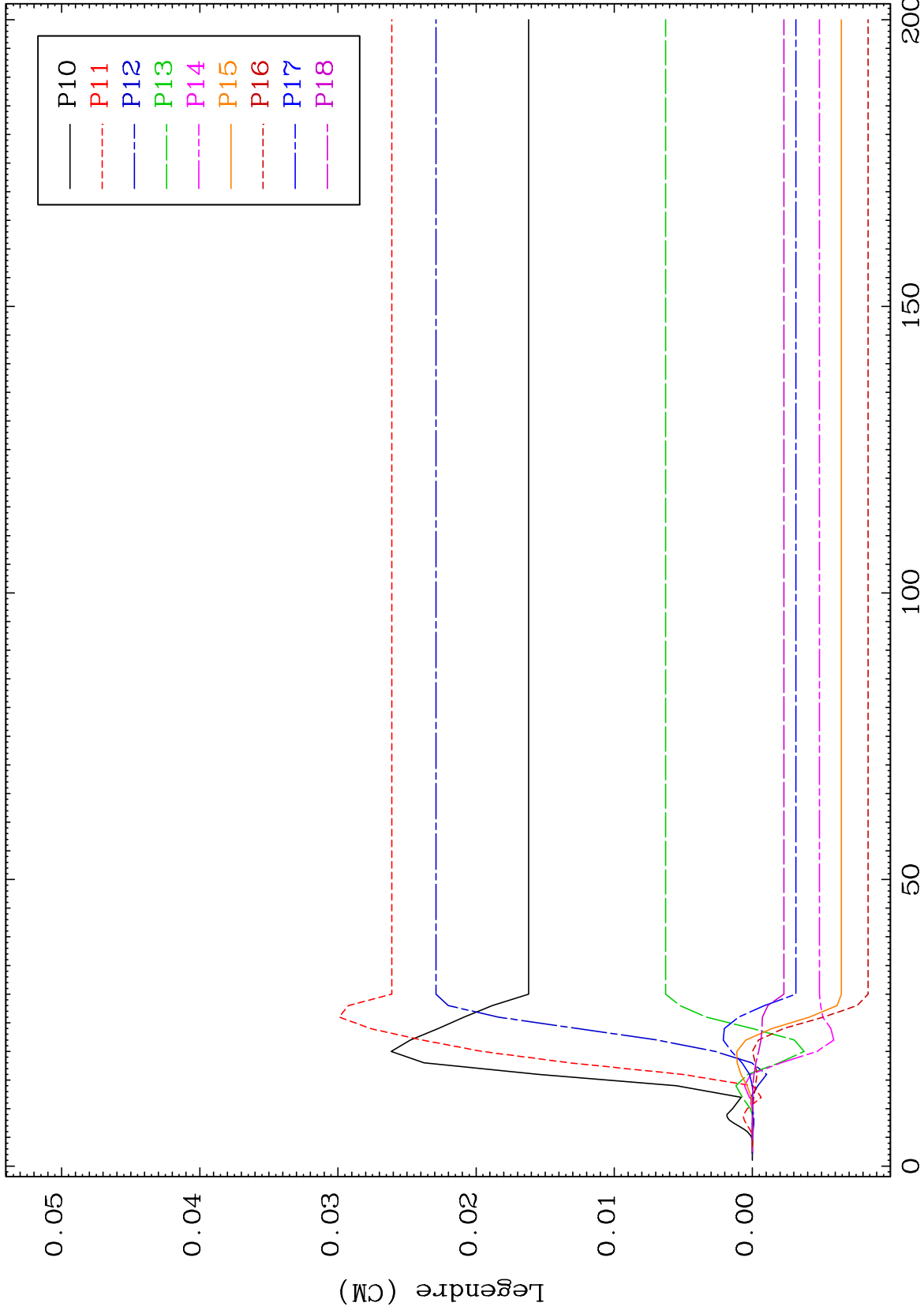
Incident Energy (MeV)

64

MAT 7725

556.6 keV (n,n') Level
Legendre Coefficients

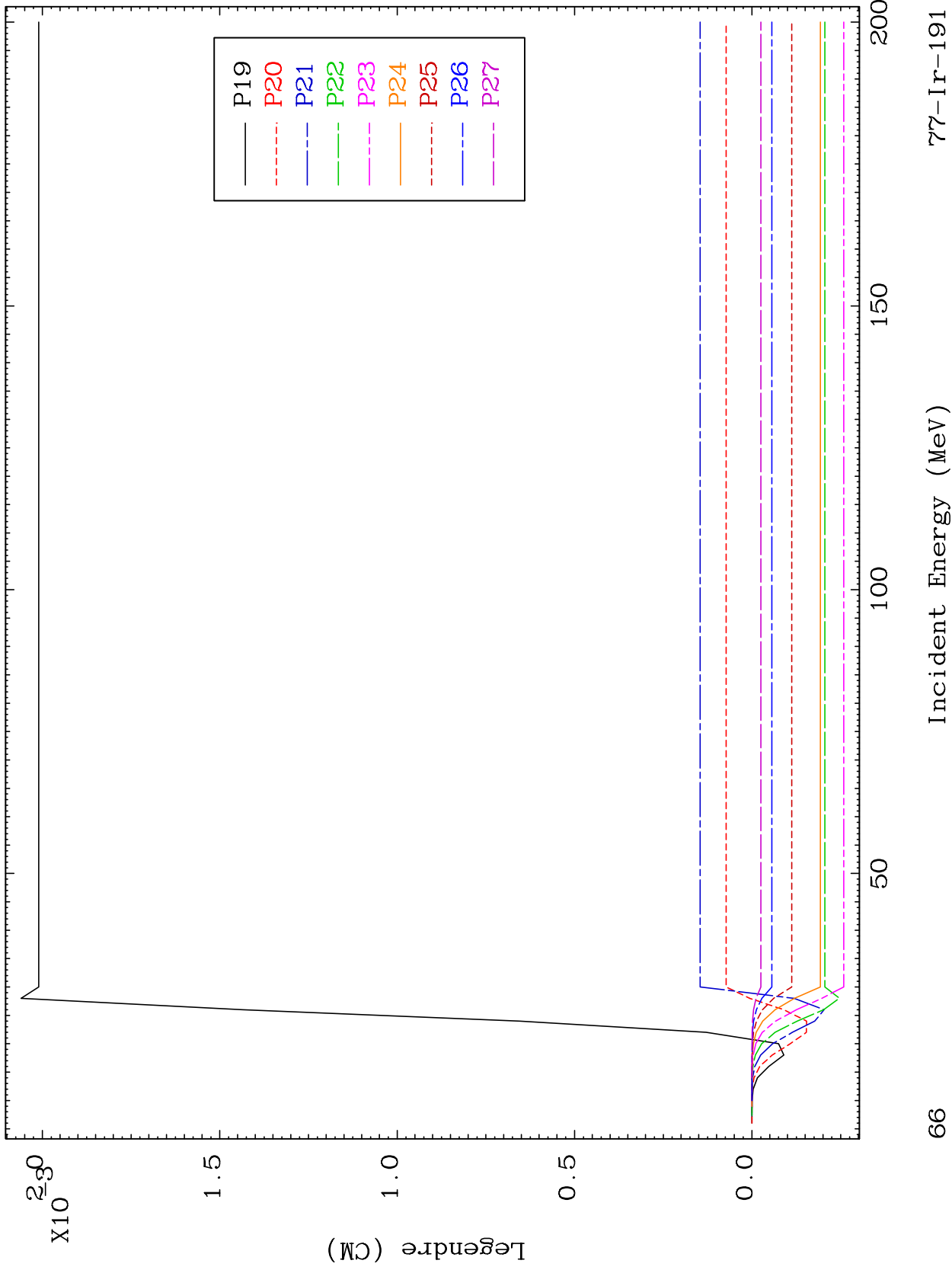
77-Ir-191

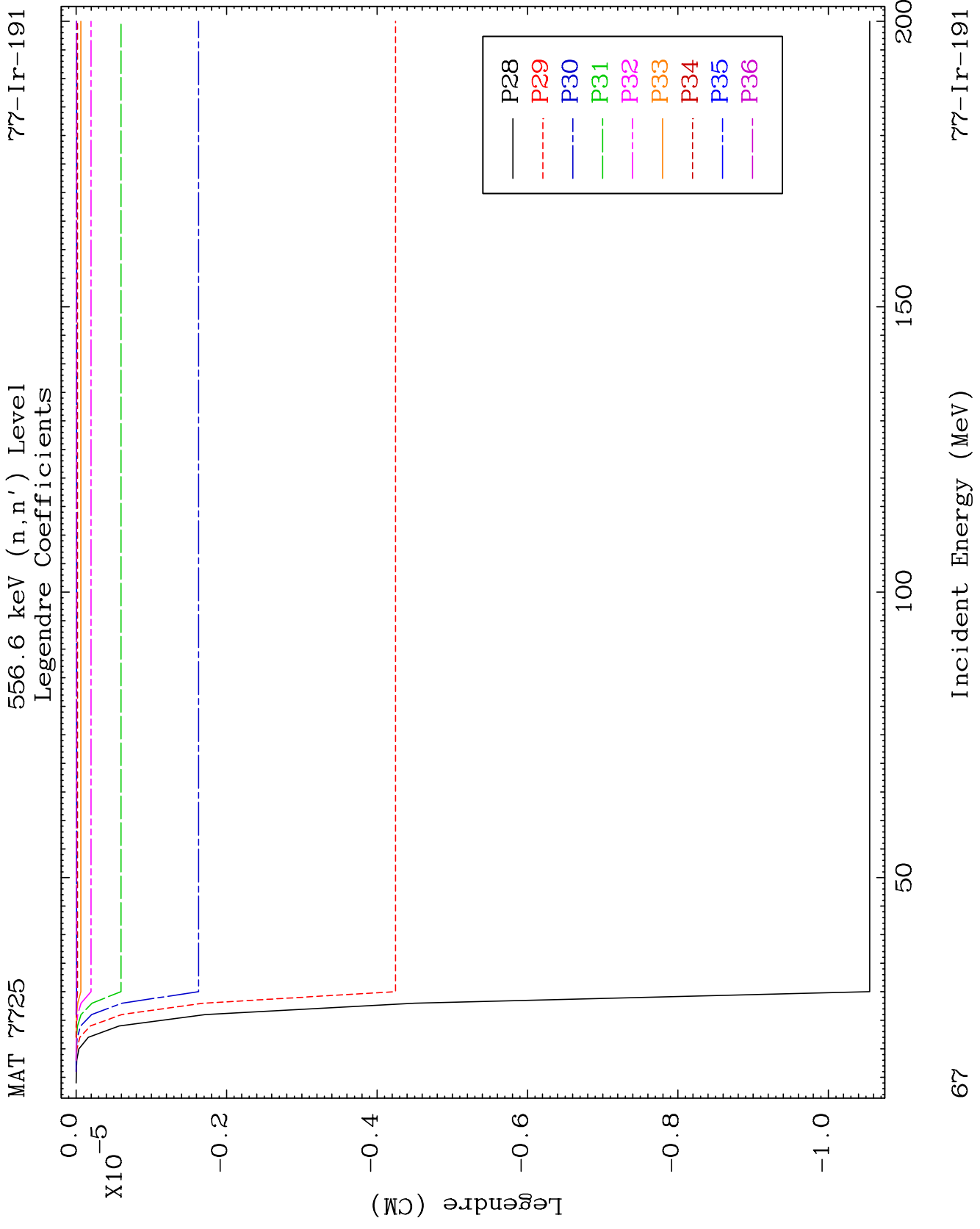


65

Incident Energy (MeV)

77-Ir-191

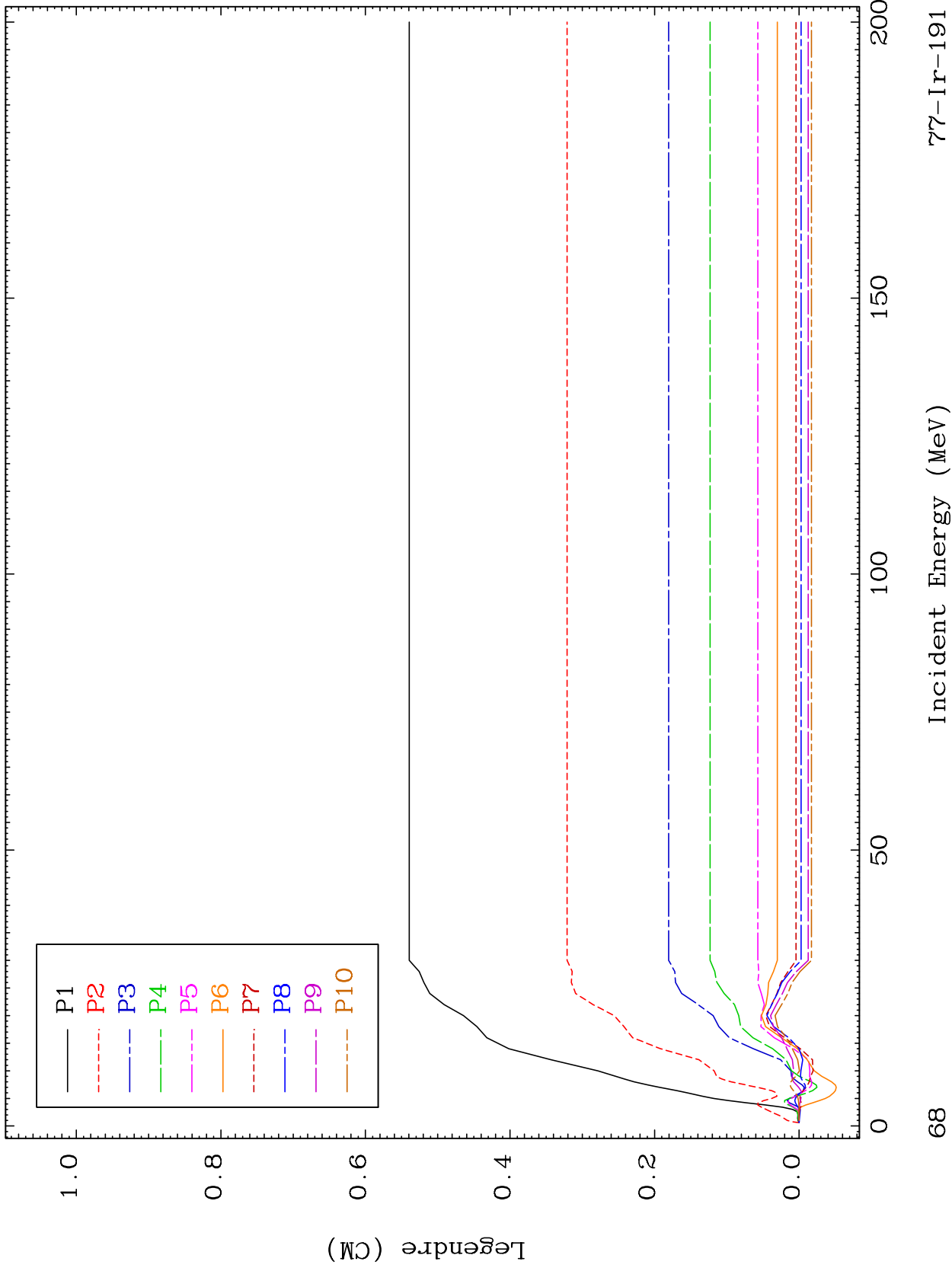




MAT 7725

587.9 keV (n,n') Level
Legendre Coefficients

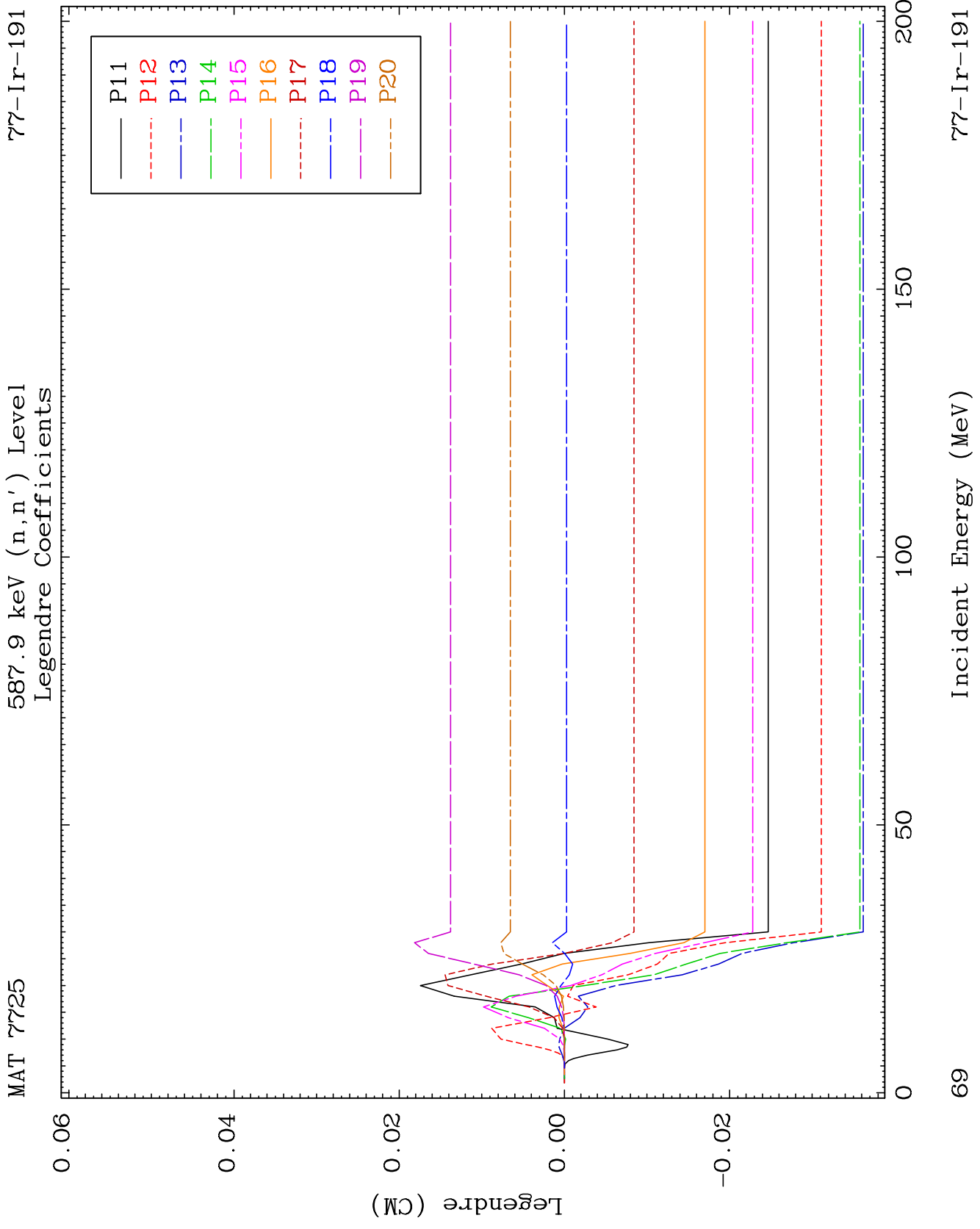
77-Ir-191



77-Ir-191

Incident Energy (MeV)

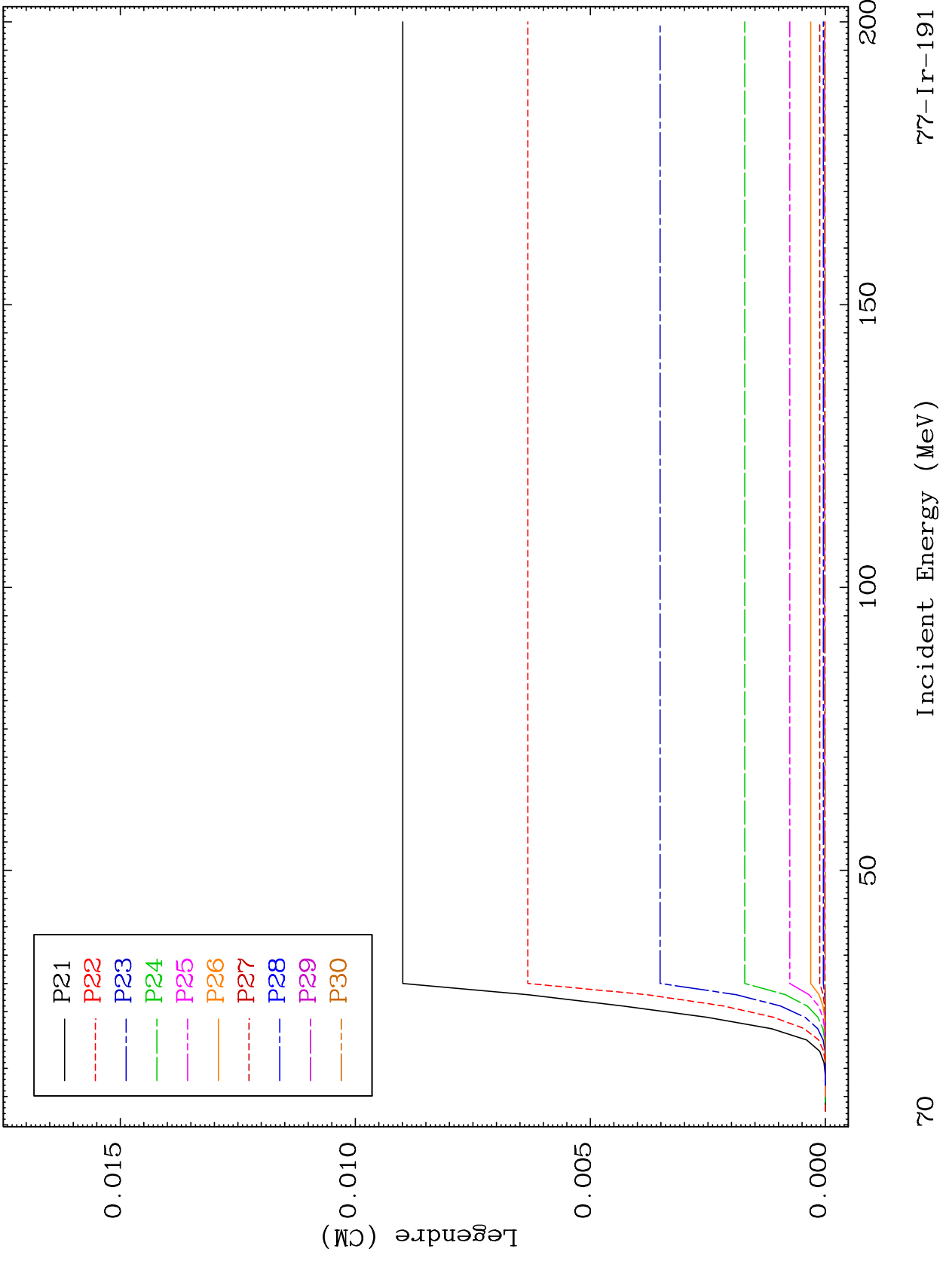
68



MAT 7725

587.9 keV (n,n') Level
Legendre Coefficients

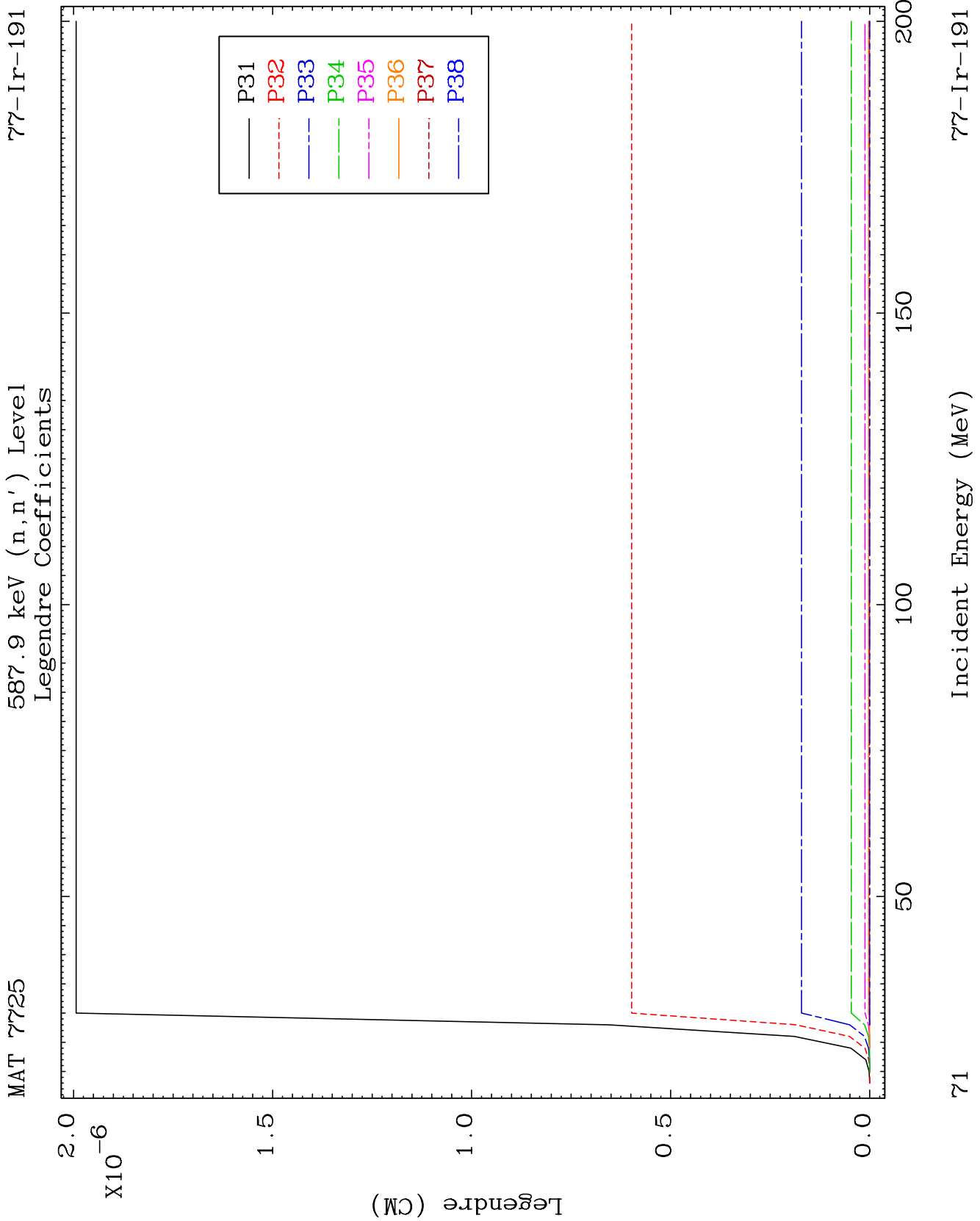
77-Ir-191

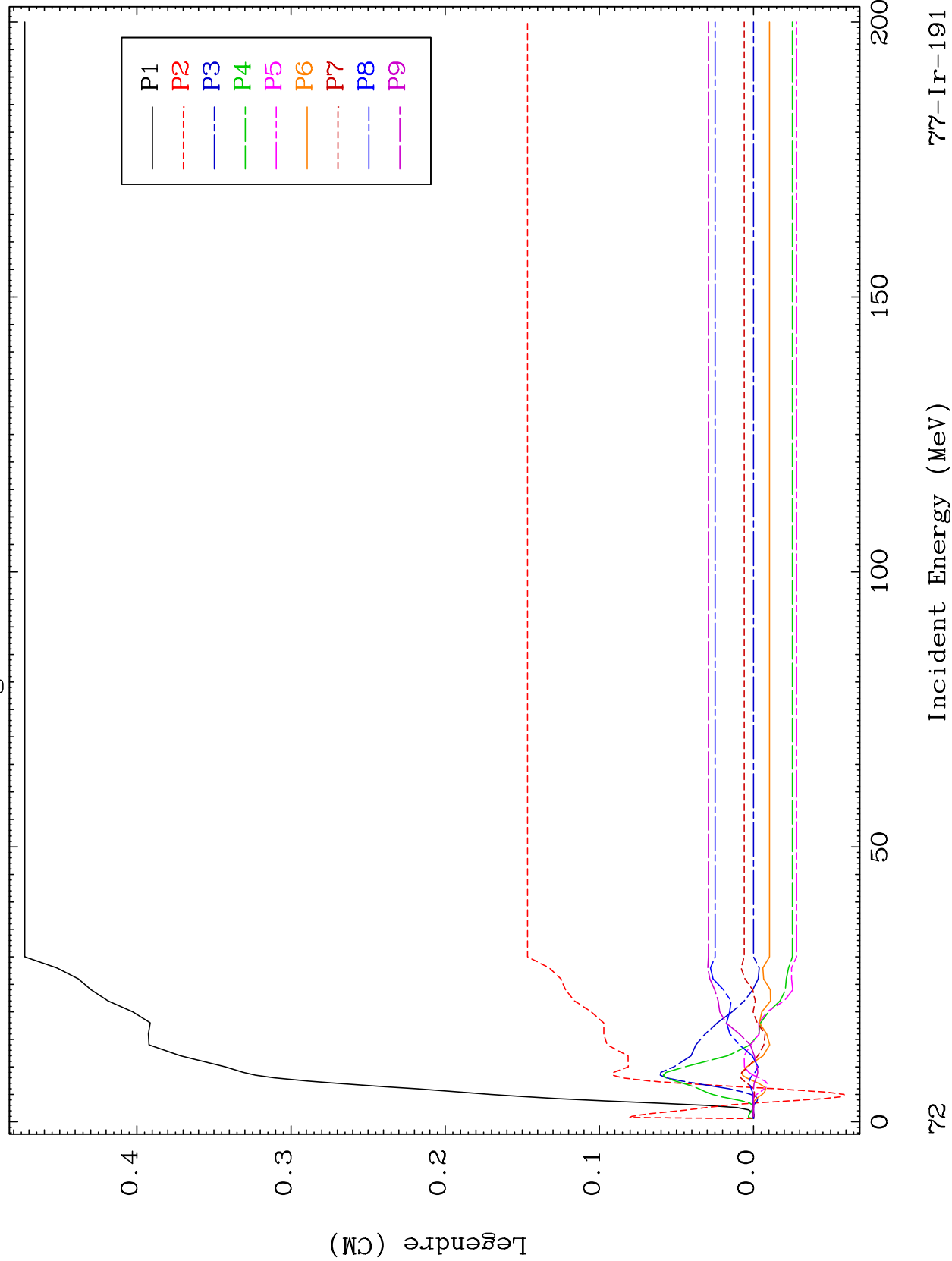


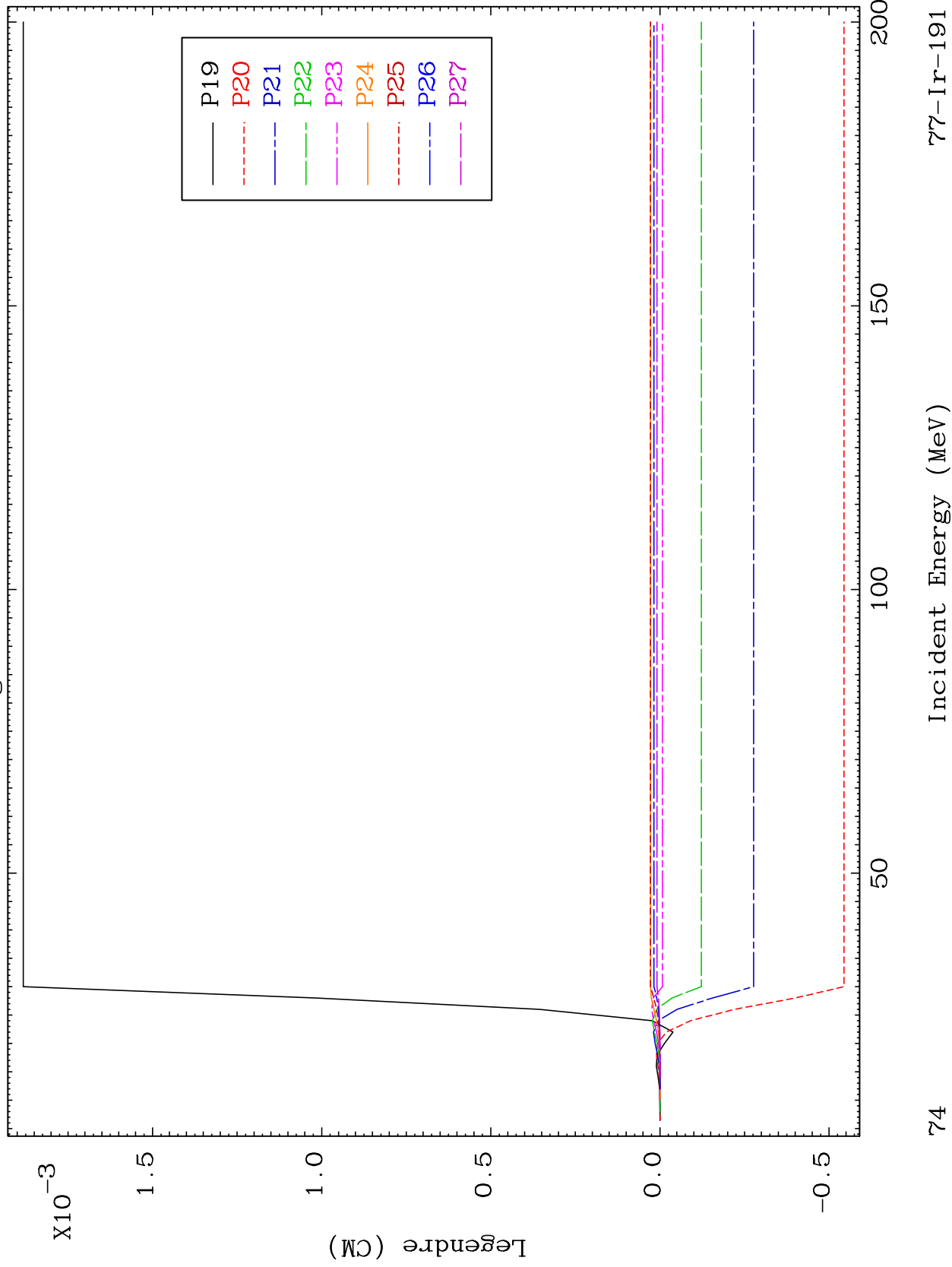
70

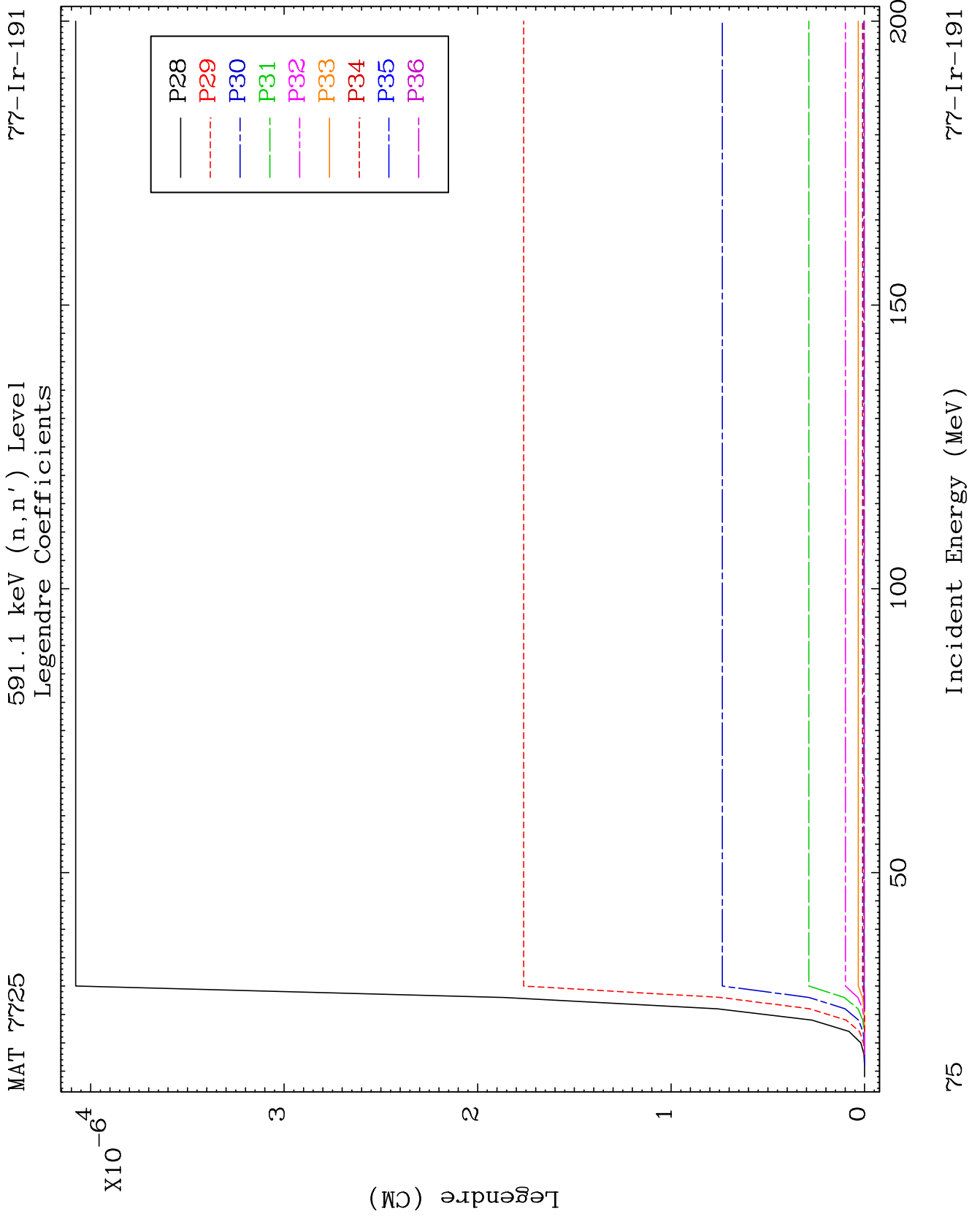
Incident Energy (MeV)

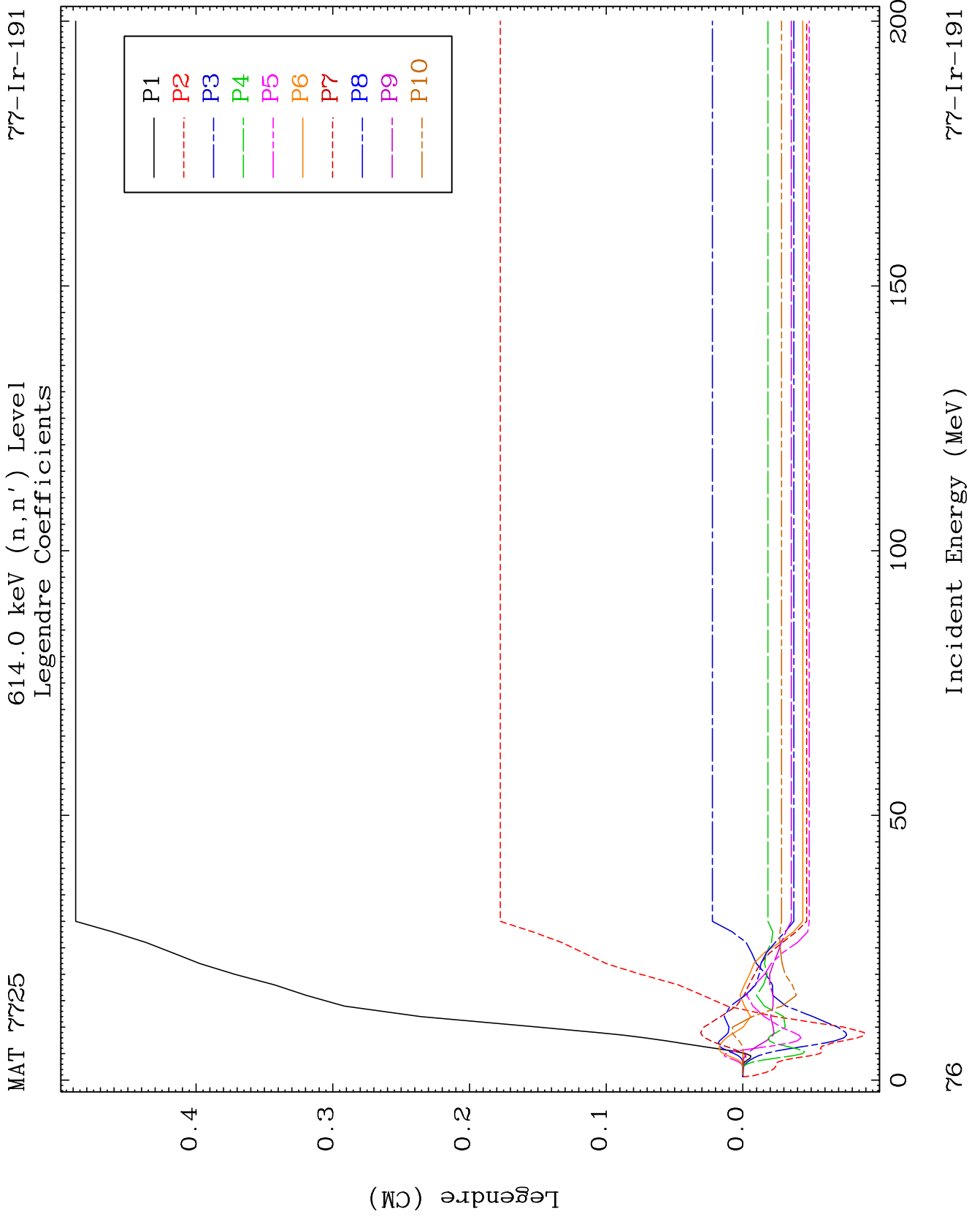
77-Ir-191







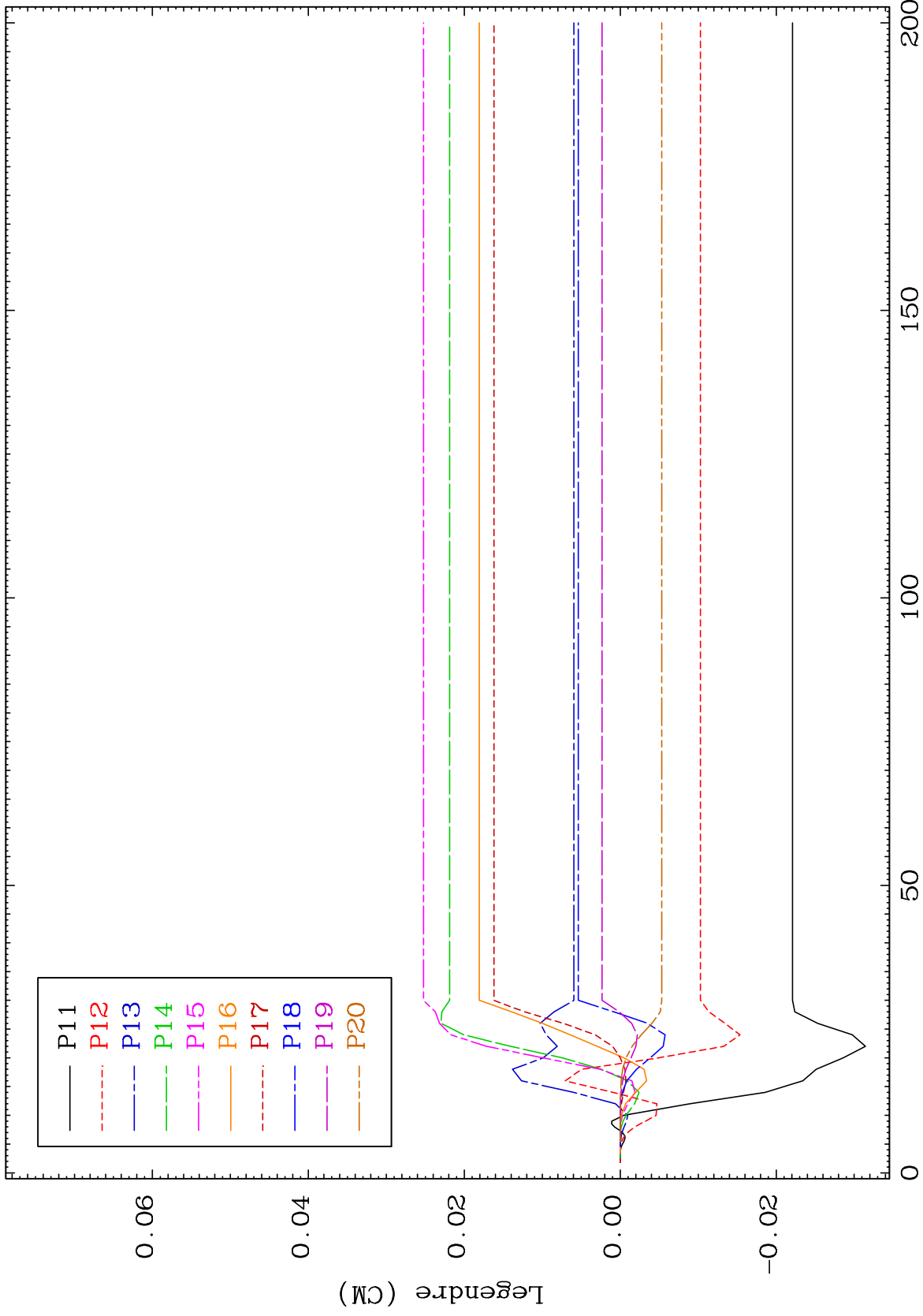




MAT 7725

614.0 keV (n,n') Level
Legendre Coefficients

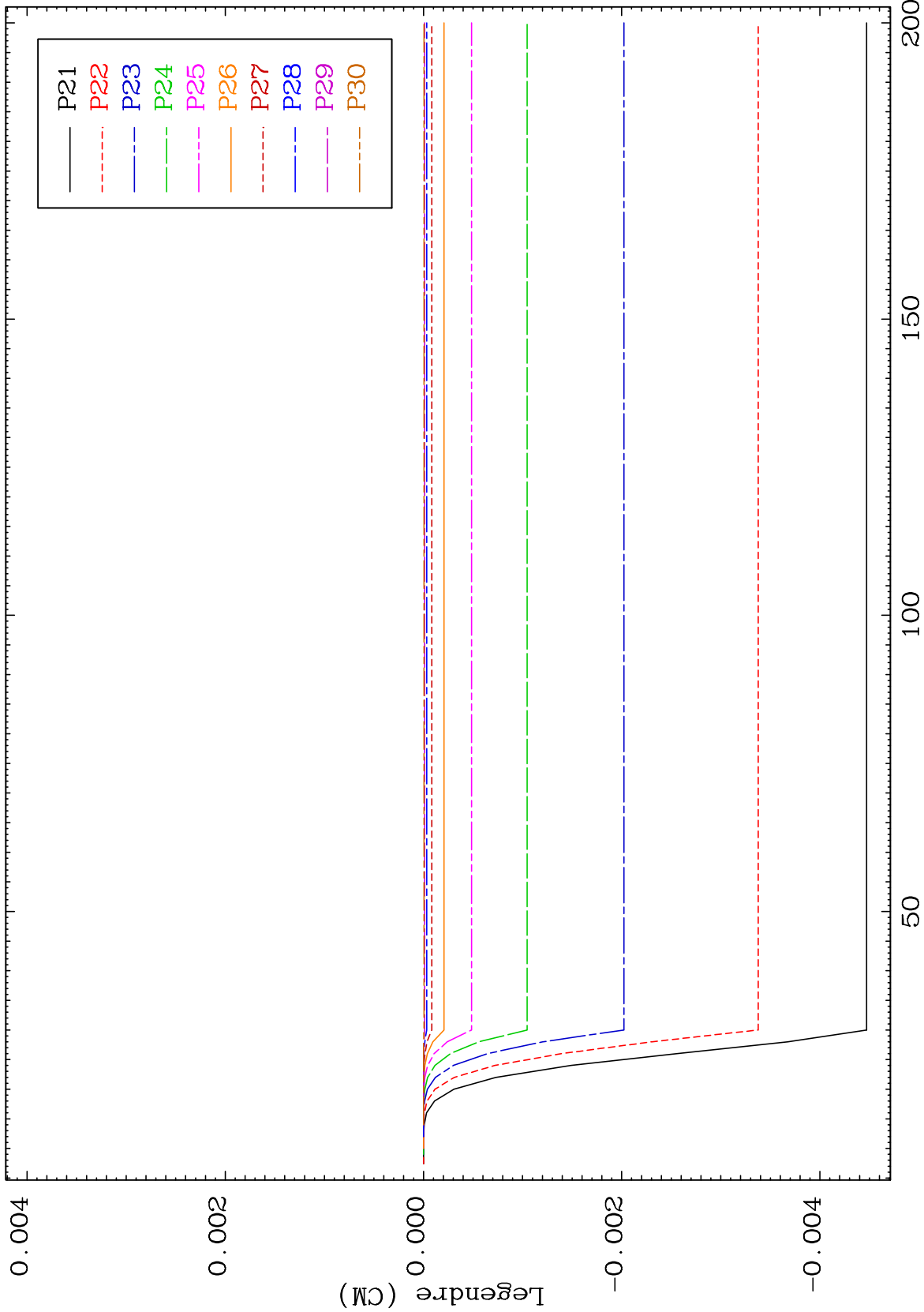
77-Ir-191

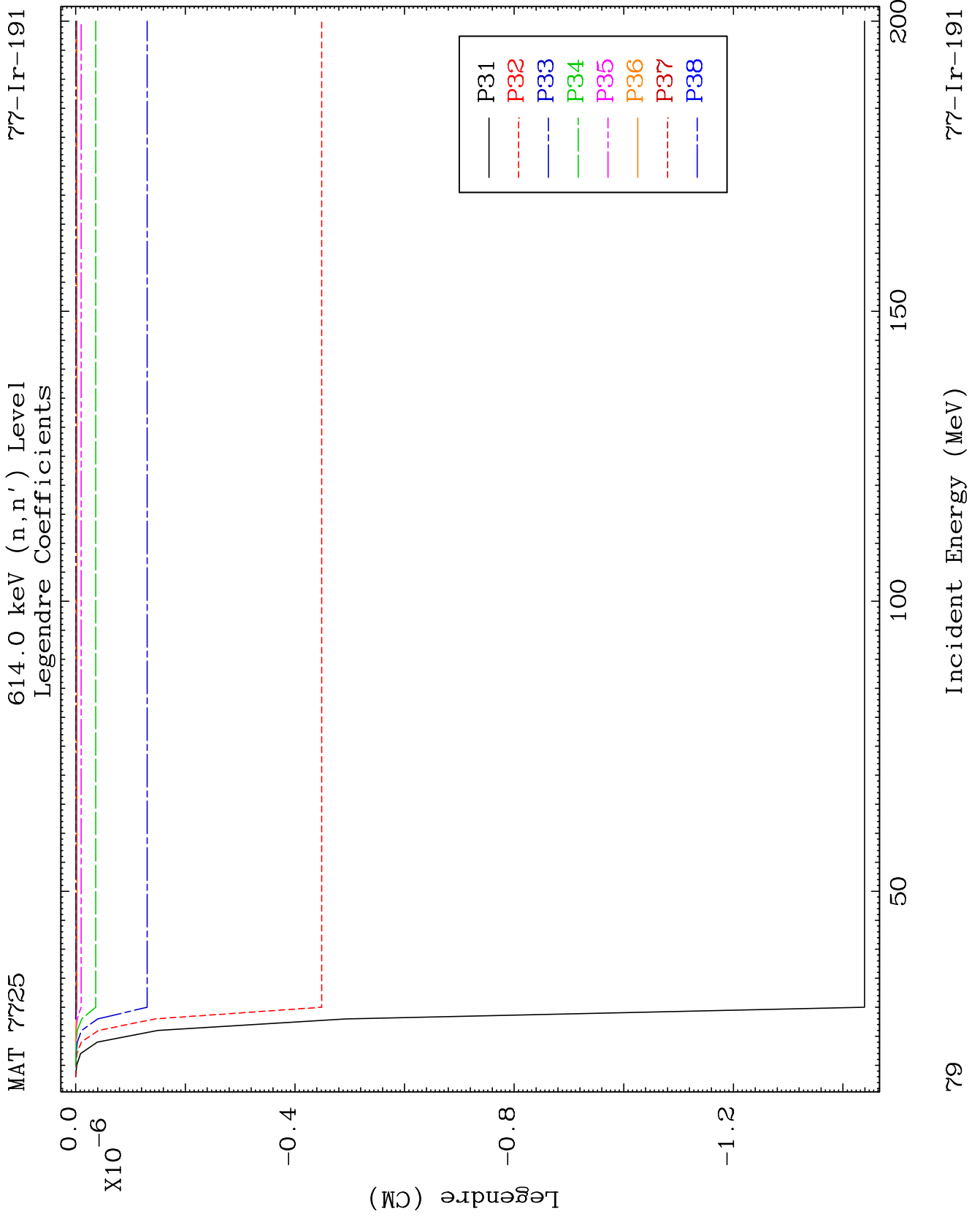


77

Incident Energy (MeV)

77-Ir-191

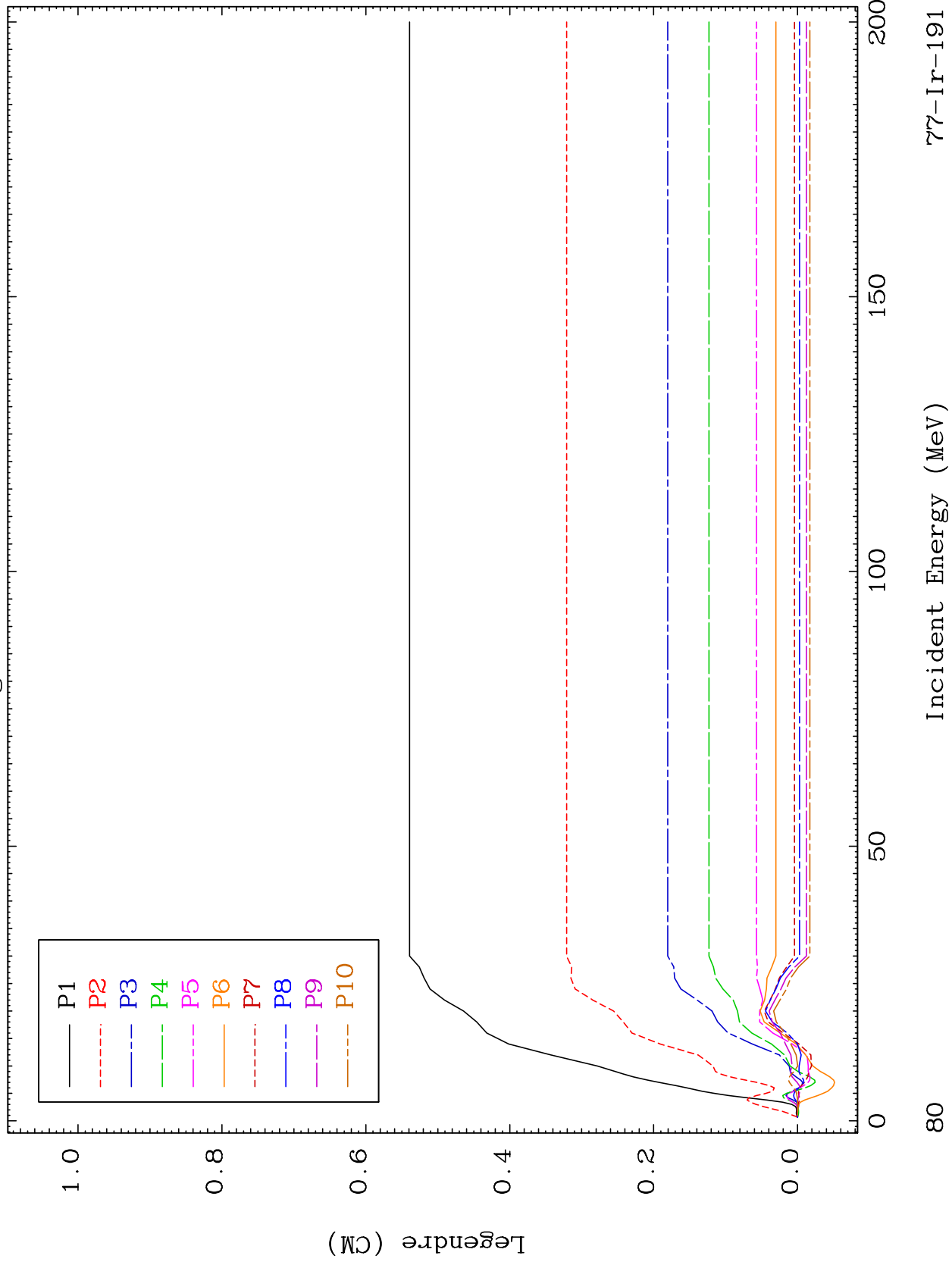




MAT 7725

624.1 keV (n,n') Level
Legendre Coefficients

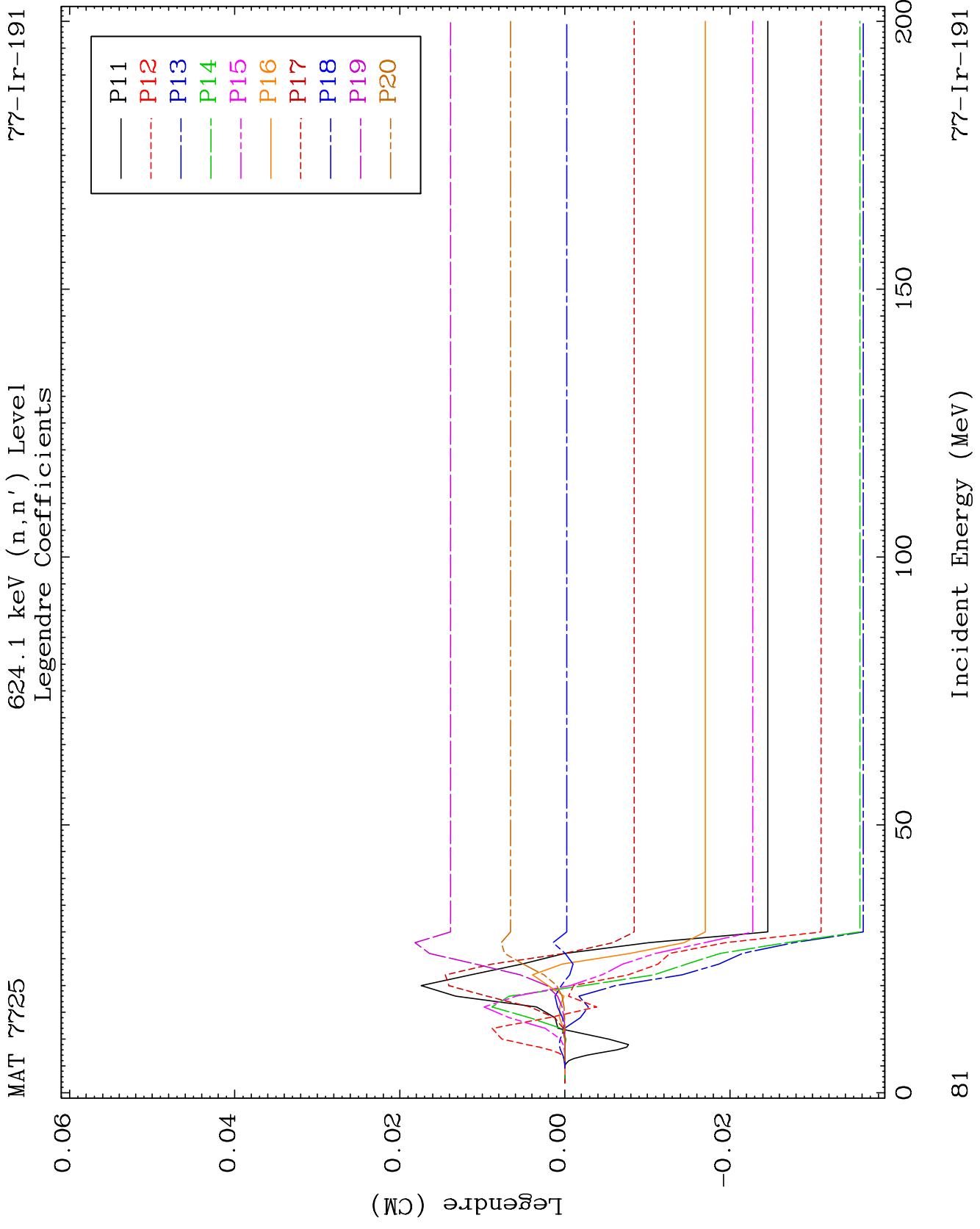
77-Ir-191



77-Ir-191

Incident Energy (MeV)

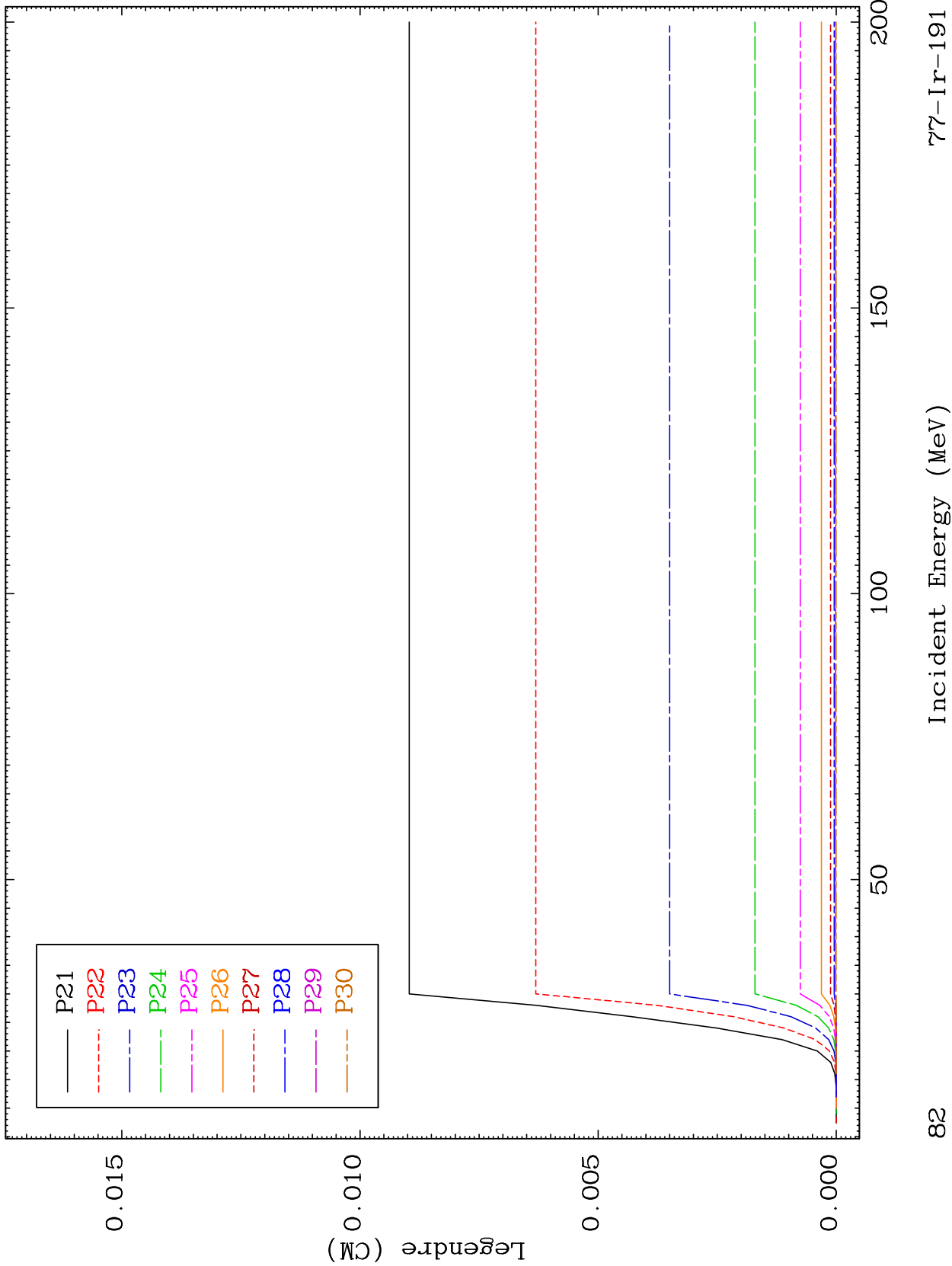
80



MAT 7725

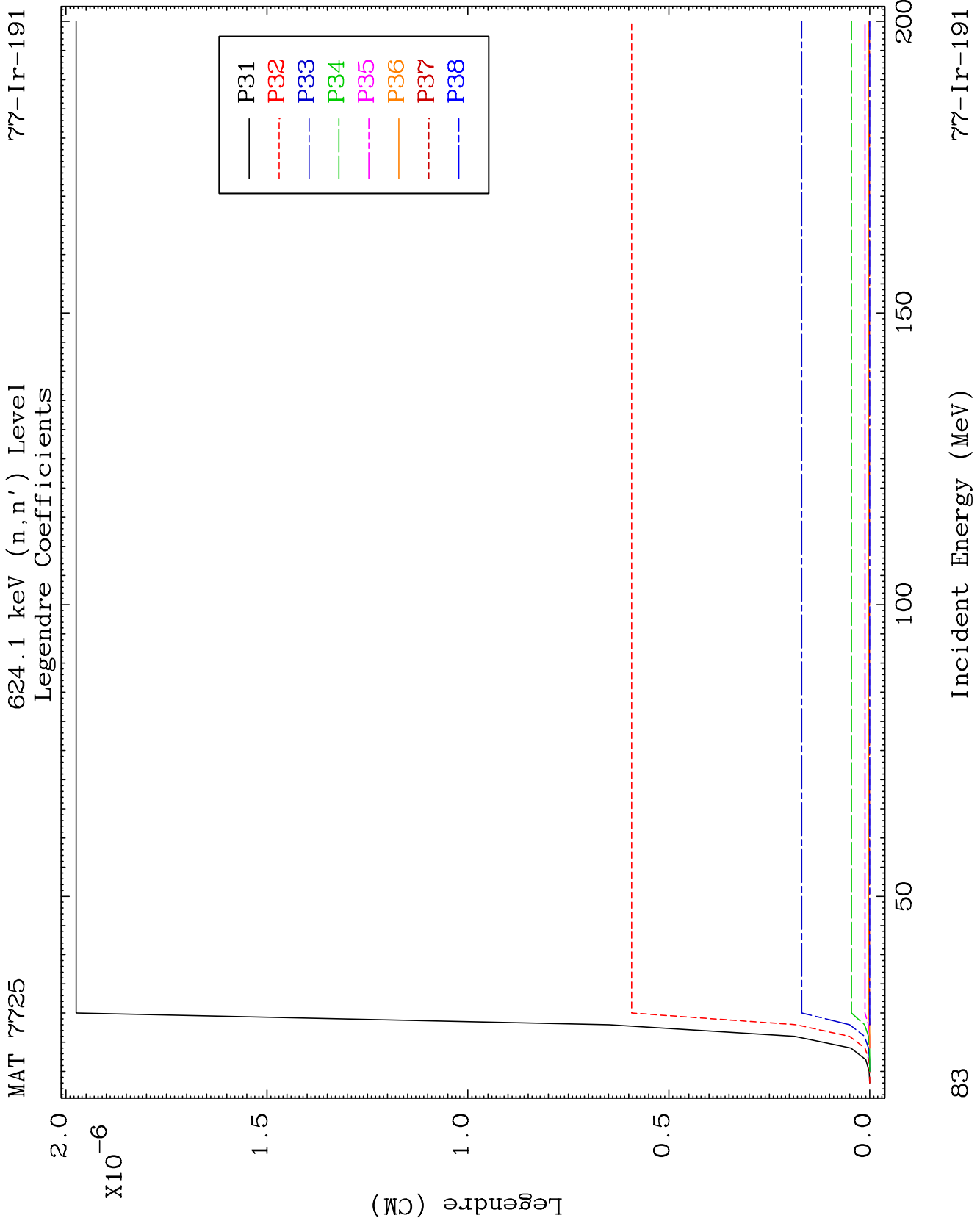
624.1 keV (n,n') Level
Legendre Coefficients

77-Ir-191



82

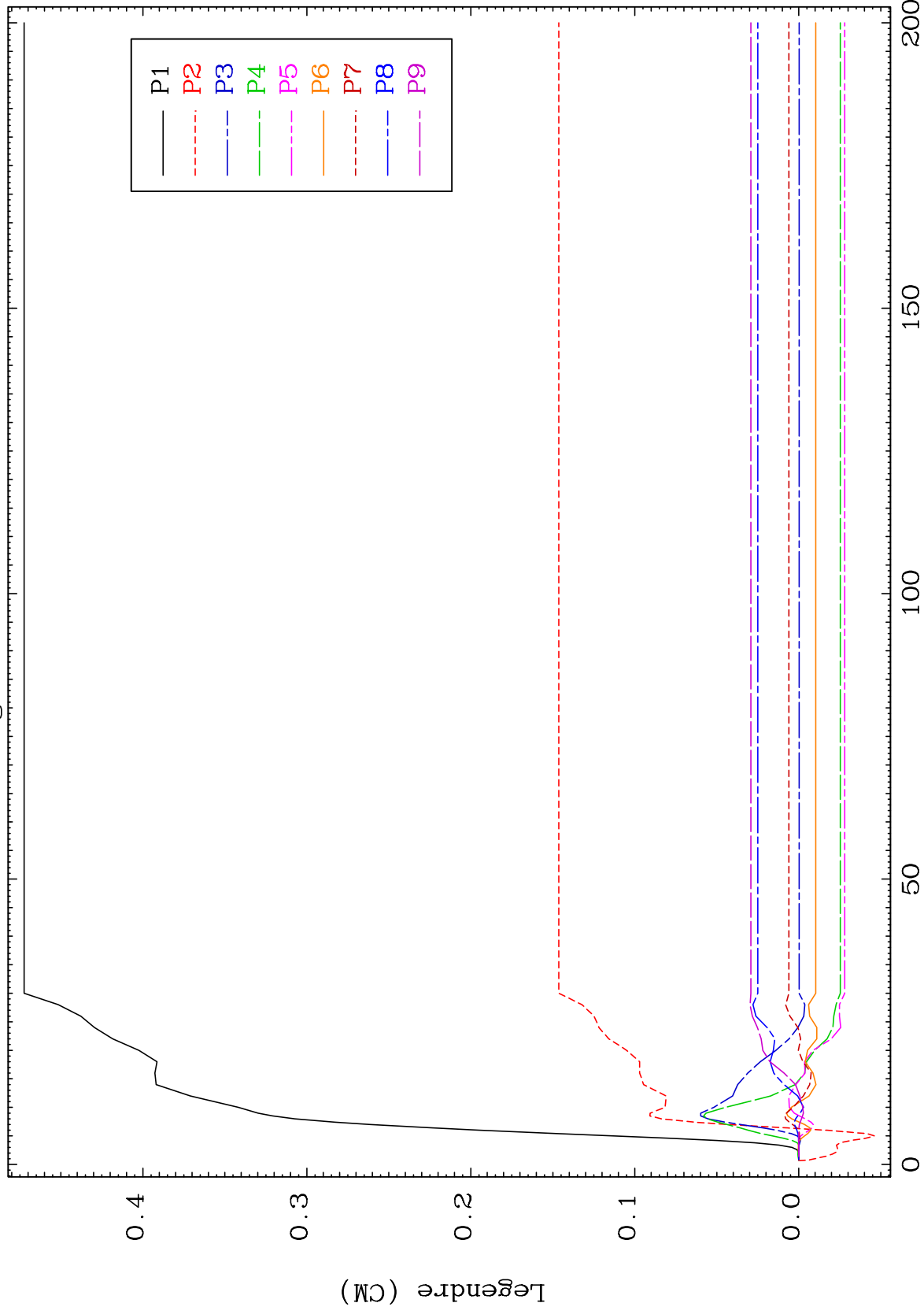
77-Ir-191



MAT 7725

654.0 keV (n,n') Level
Legendre Coefficients

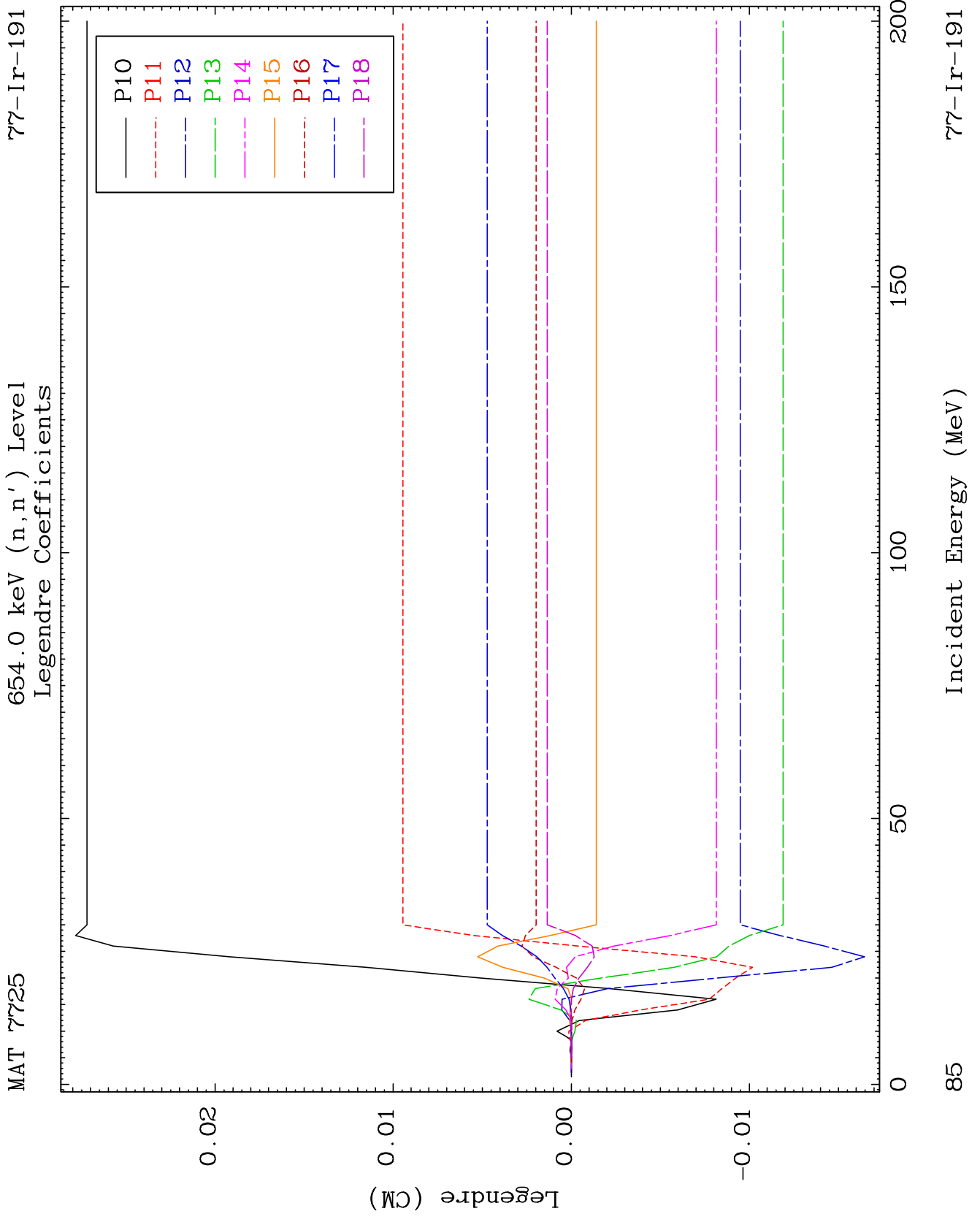
77-Ir-191

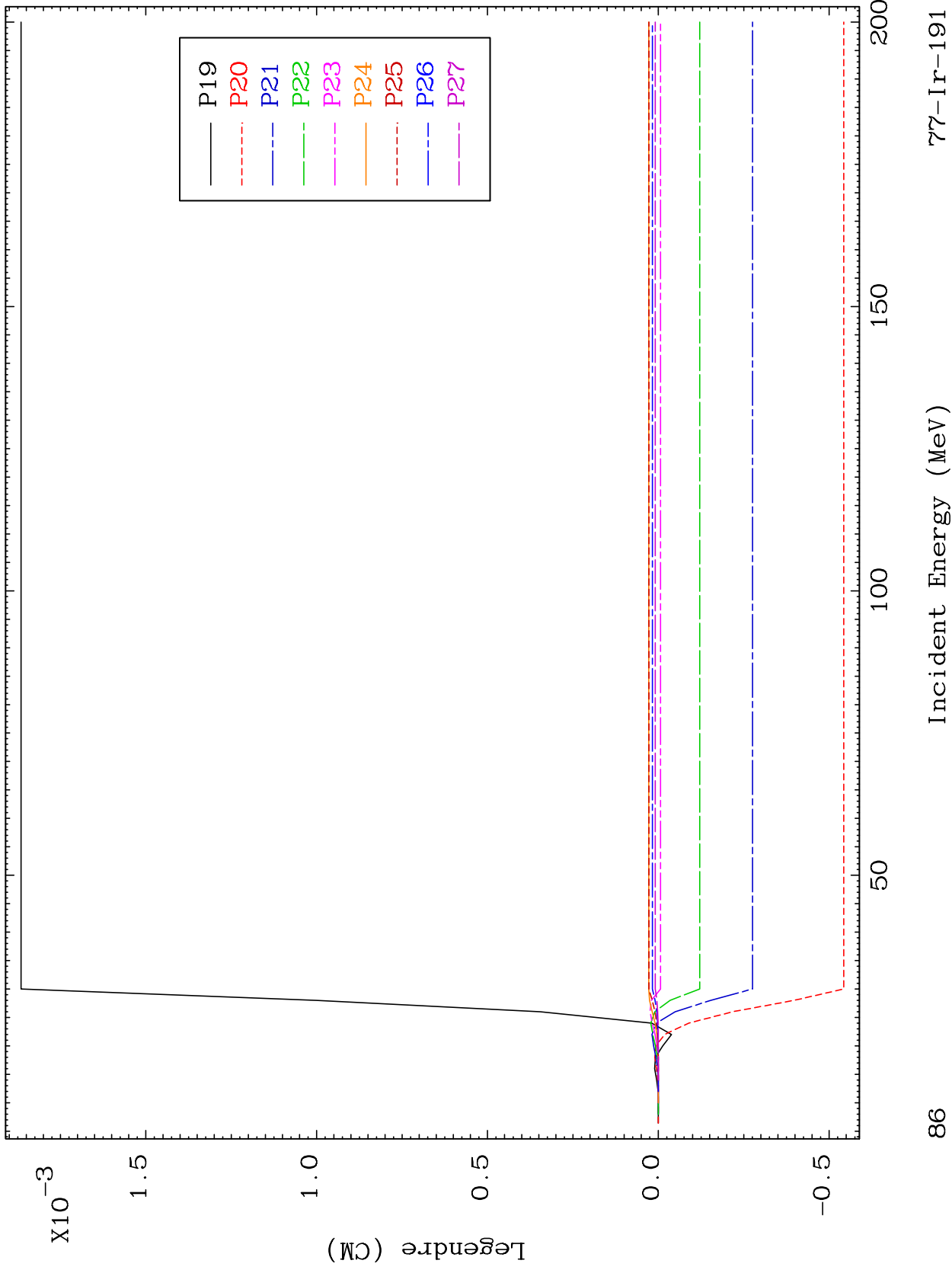


84

Incident Energy (MeV)

77-Ir-191

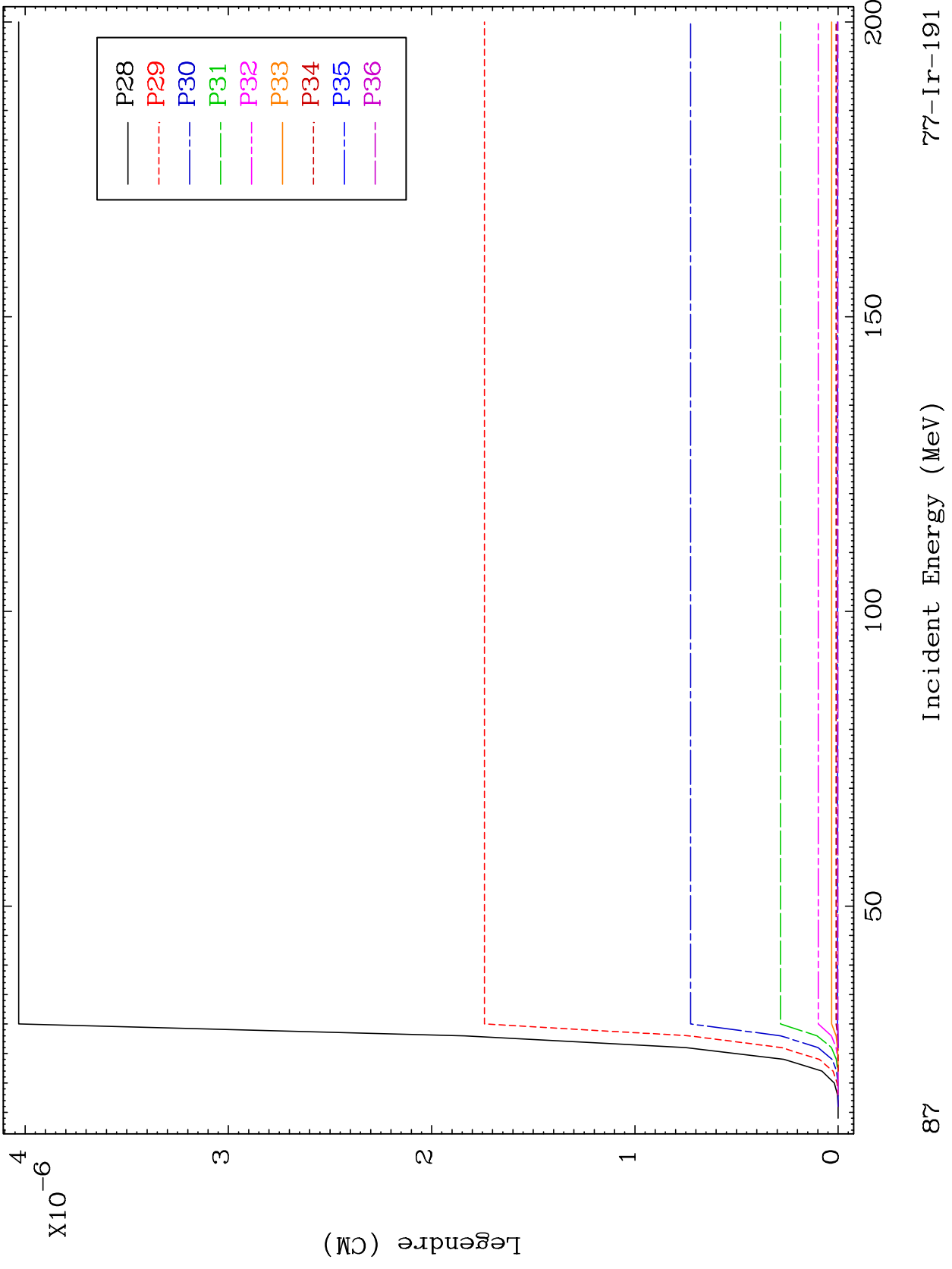




MAT 7725

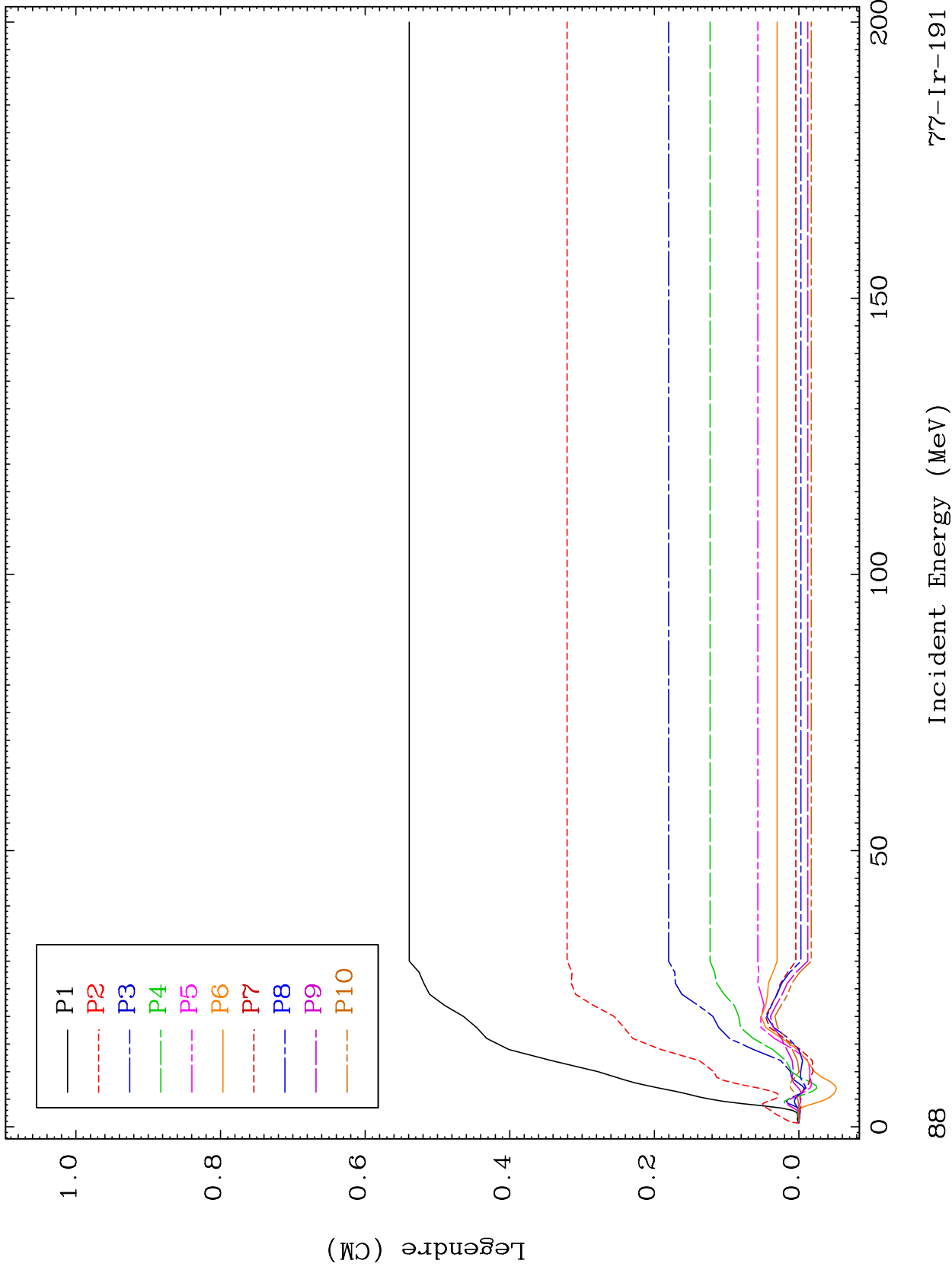
654.0 keV (n,n') Level
Legendre Coefficients

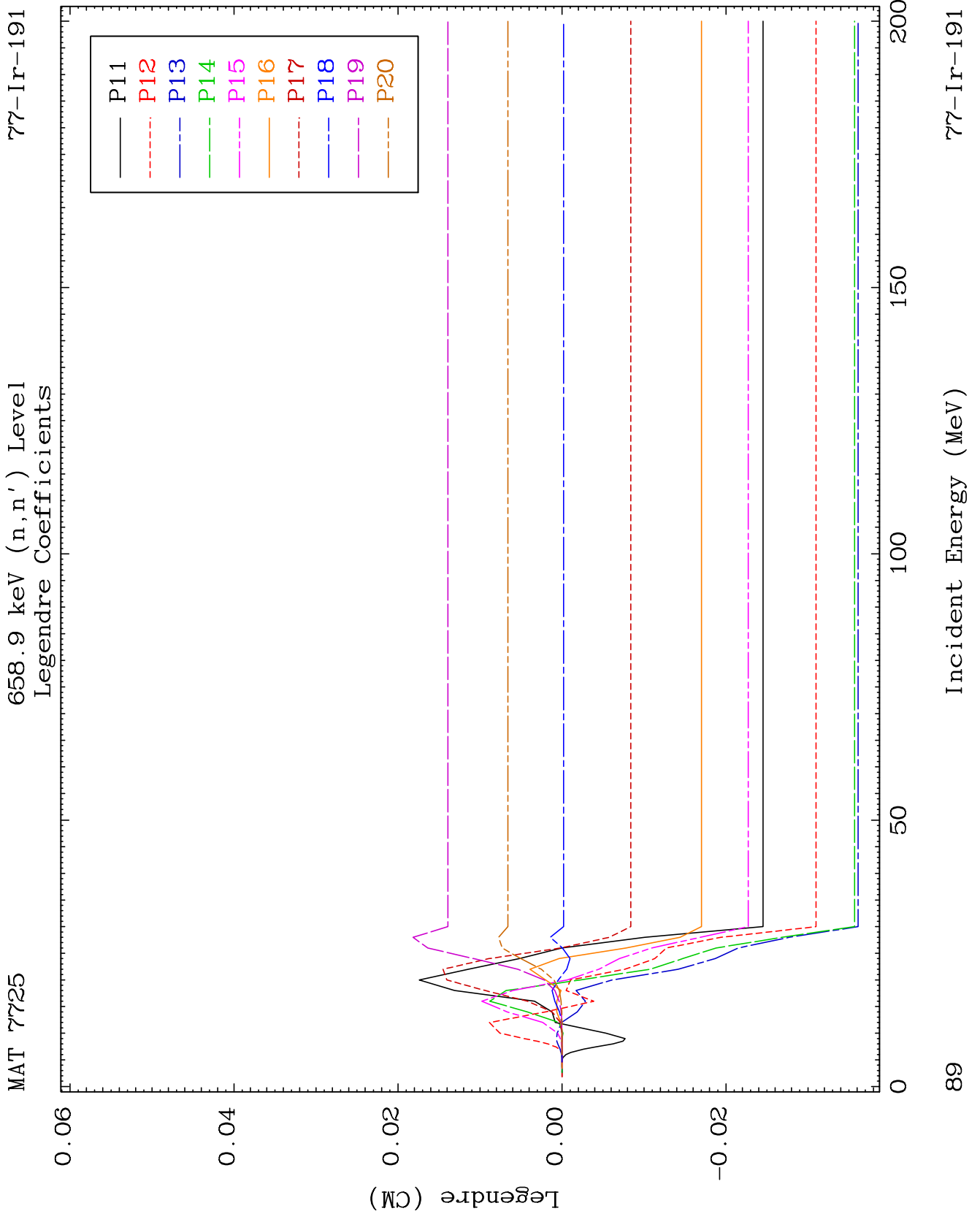
77-Ir-191



87

77-Ir-191

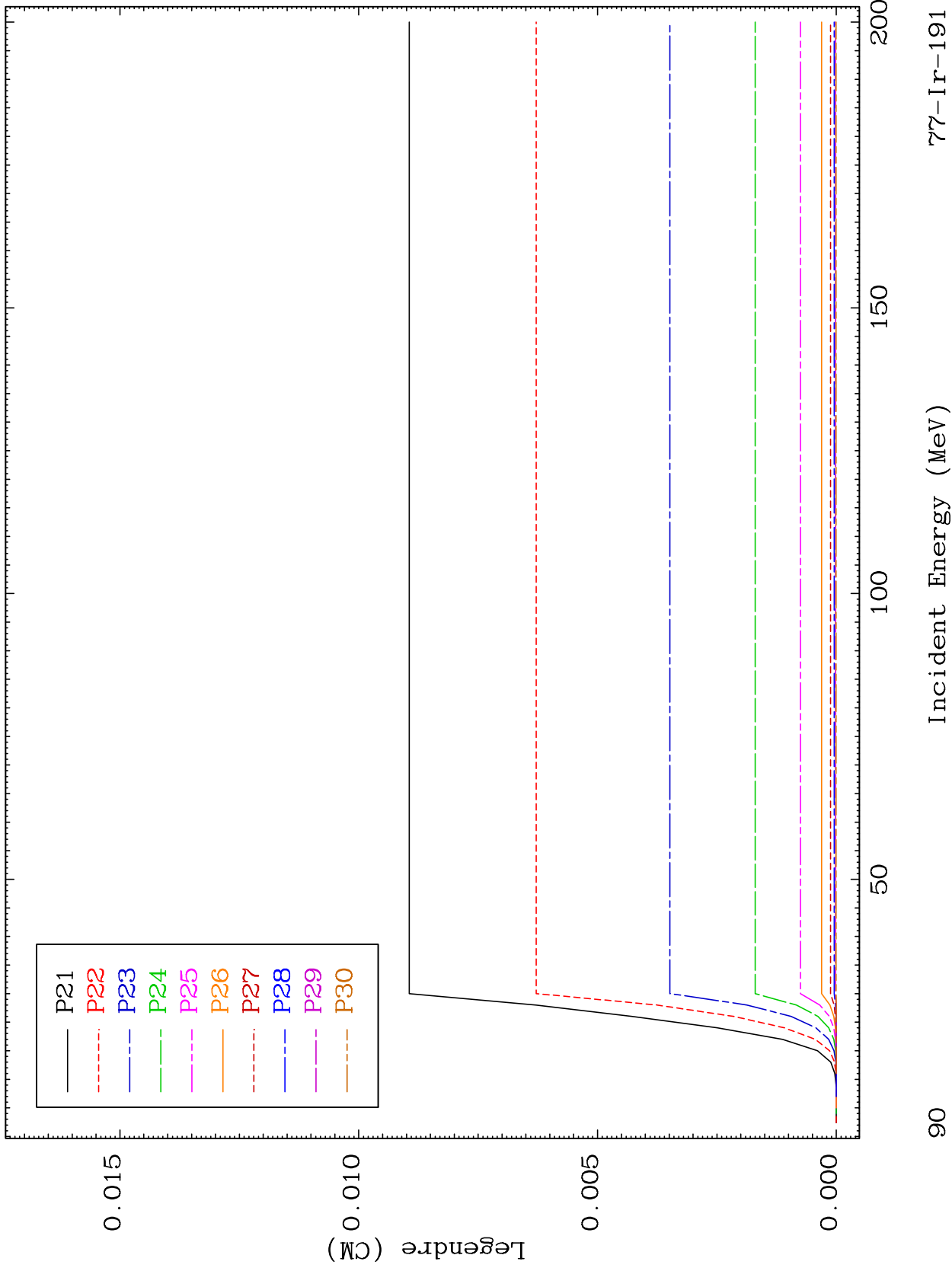




MAT 7725

658.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191



77-Ir-191

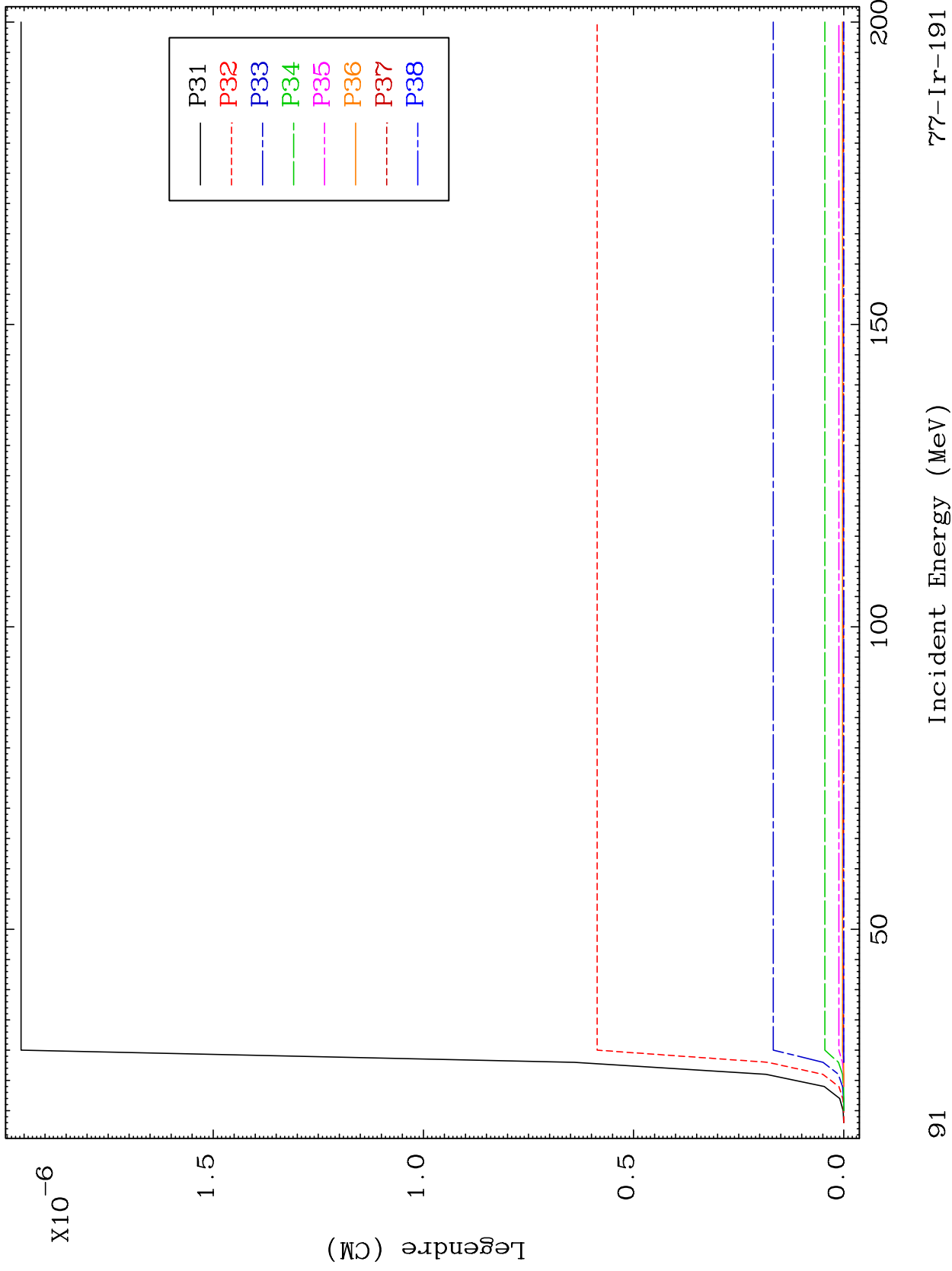
Incident Energy (MeV)

90

MAT 7725

658.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191

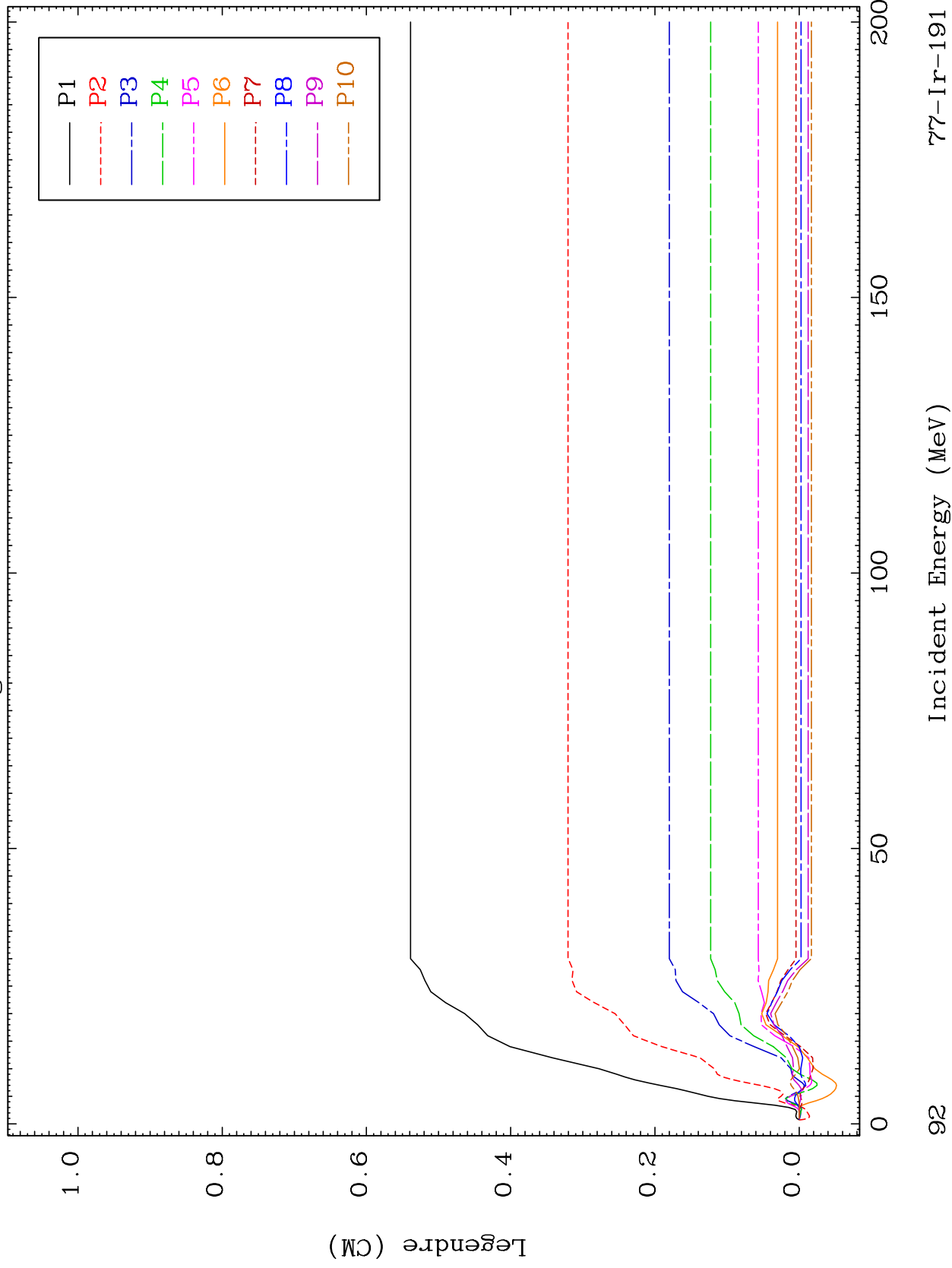


91

MAT 7725

686.1 keV (n,n') Level
Legendre Coefficients

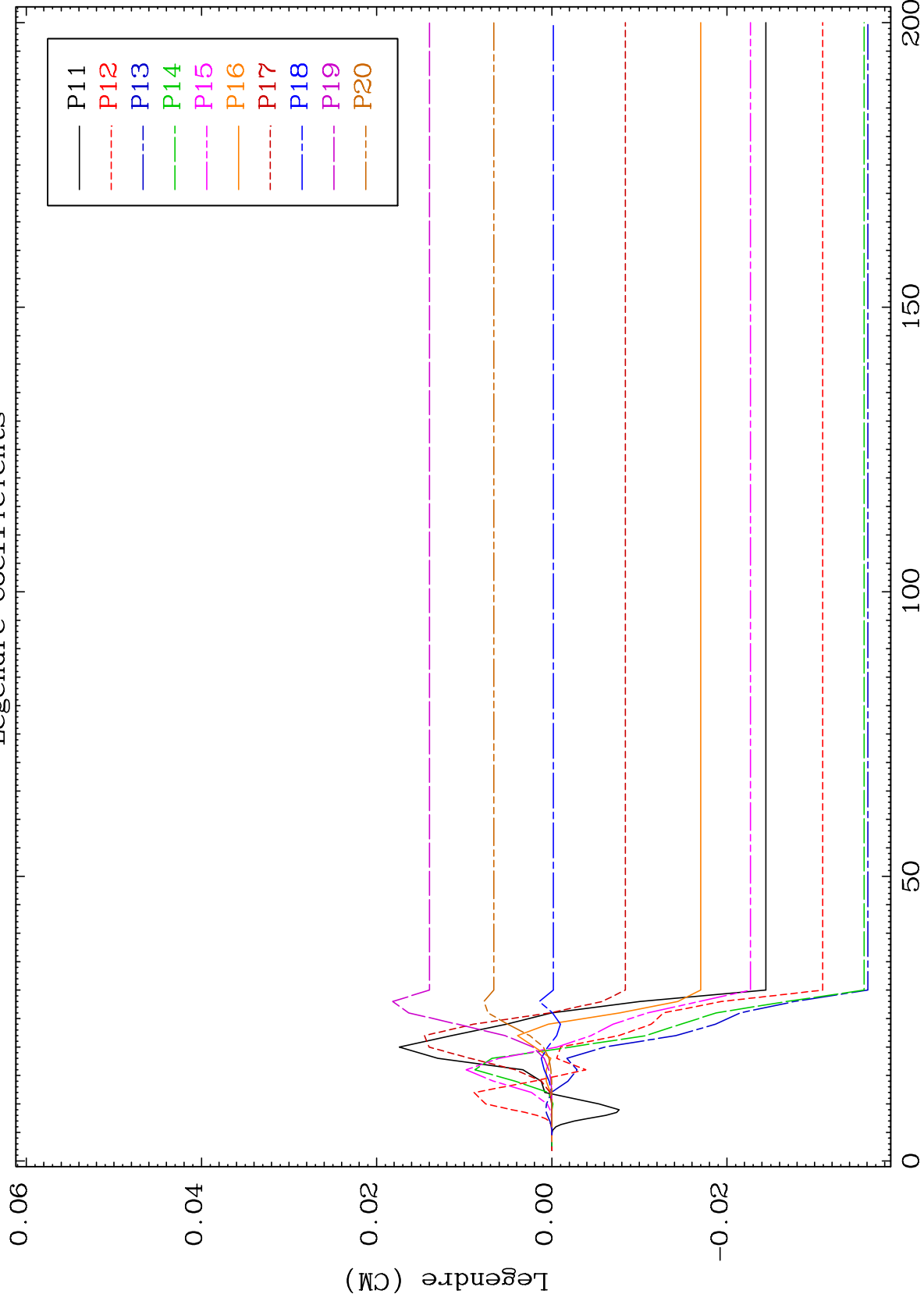
77-Ir-191

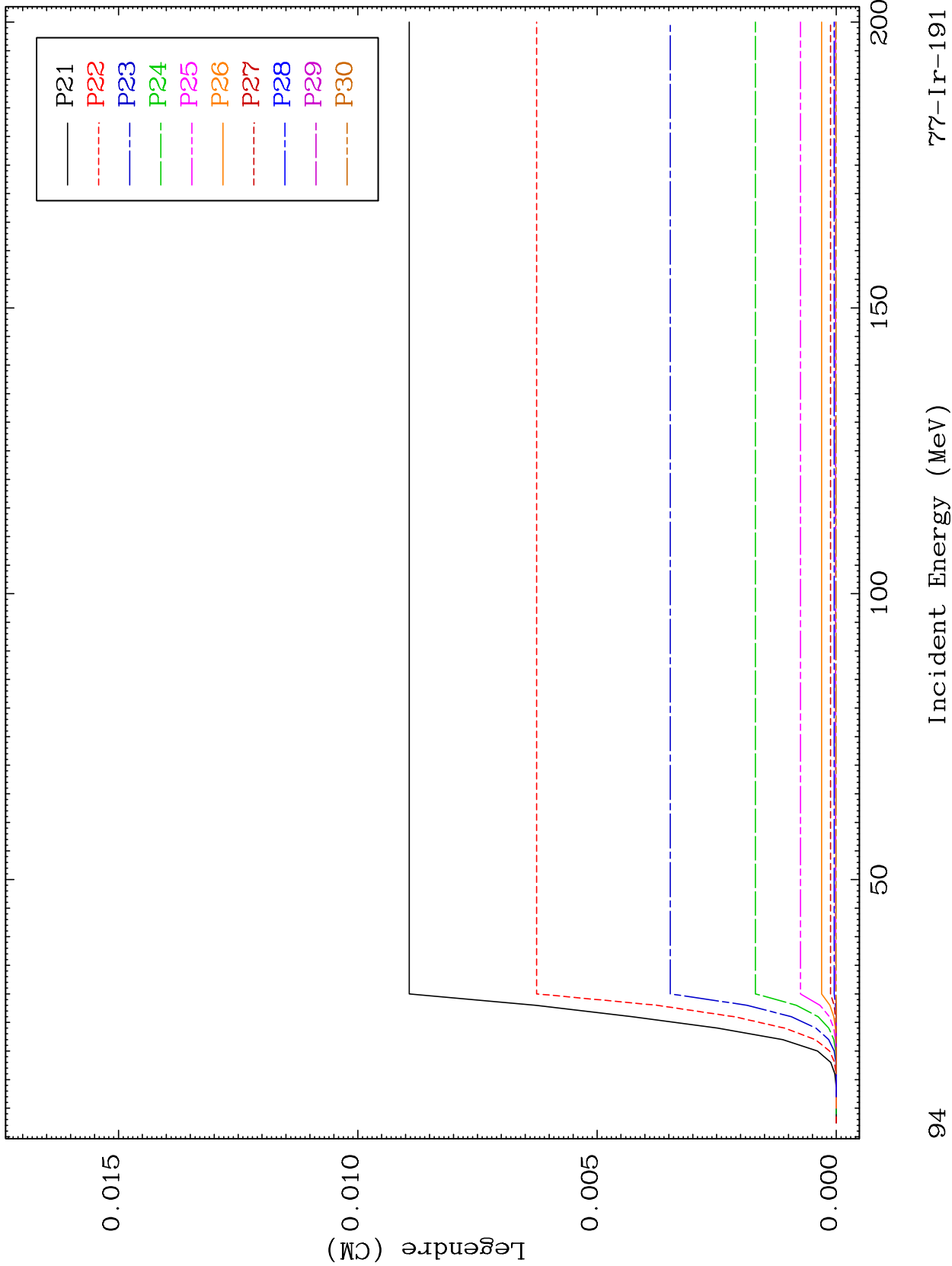


92

Incident Energy (MeV)

77-Ir-191

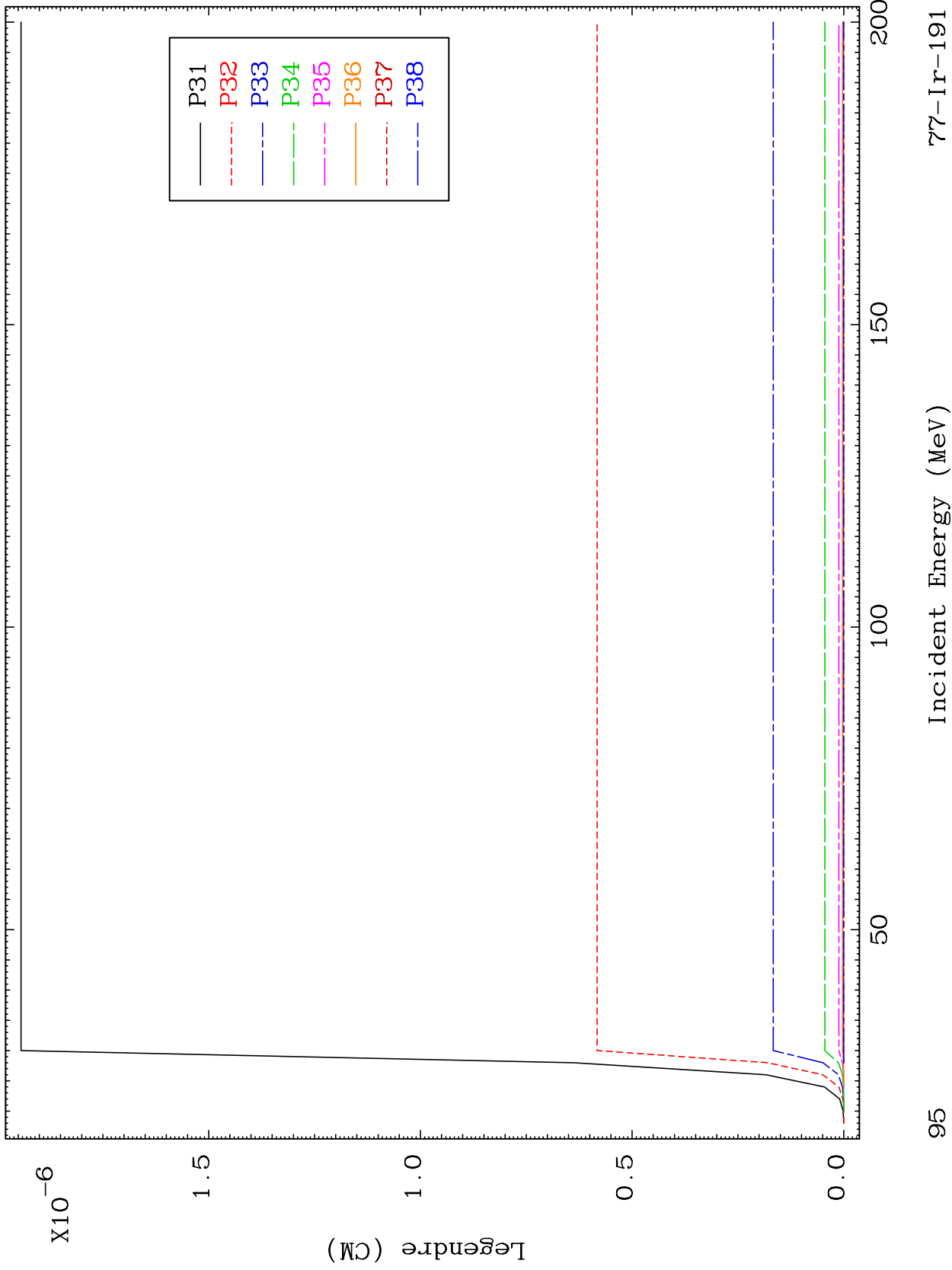




MAT 7725

686.1 keV (n,n') Level
Legendre Coefficients

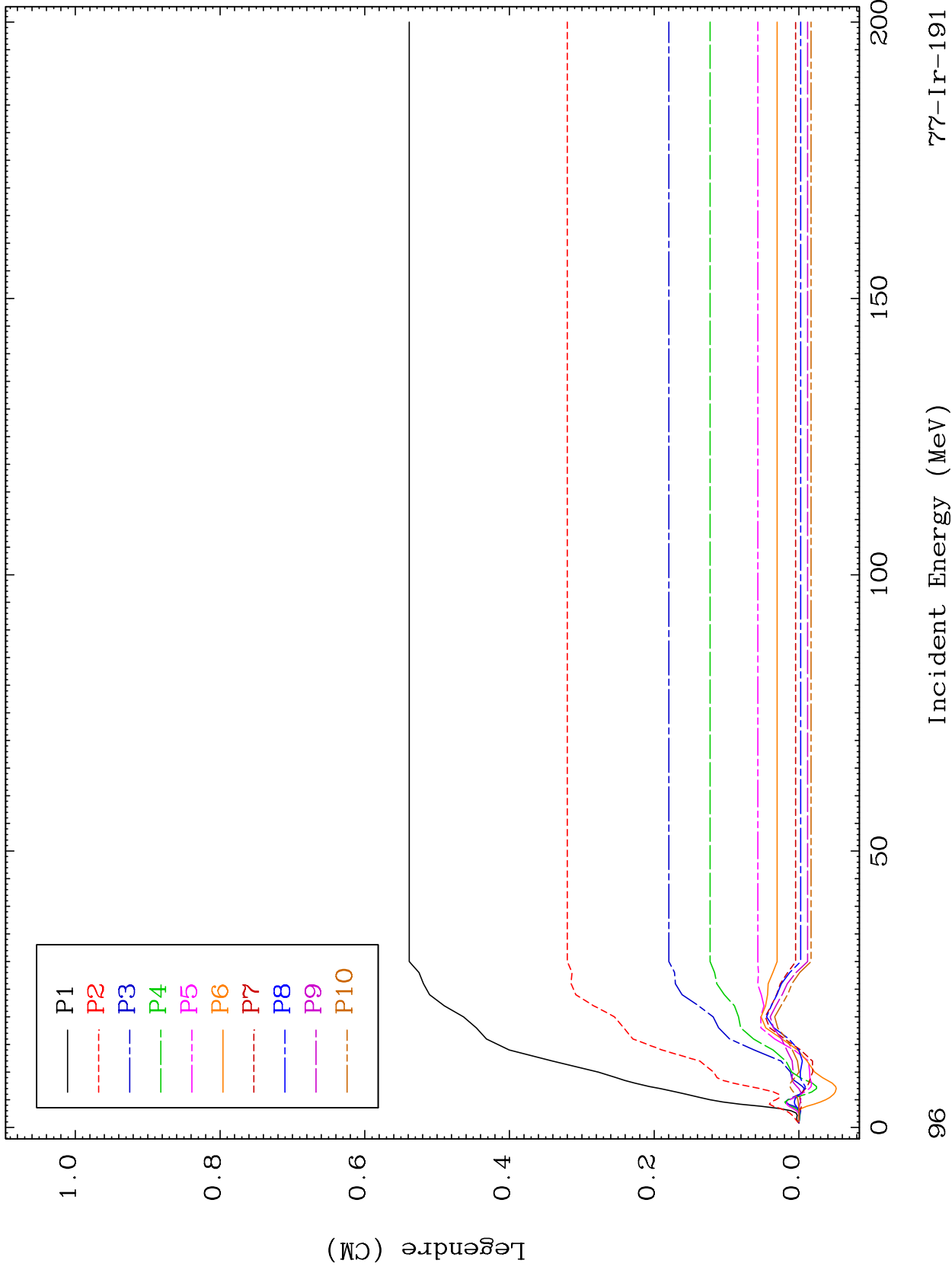
77-Ir-191



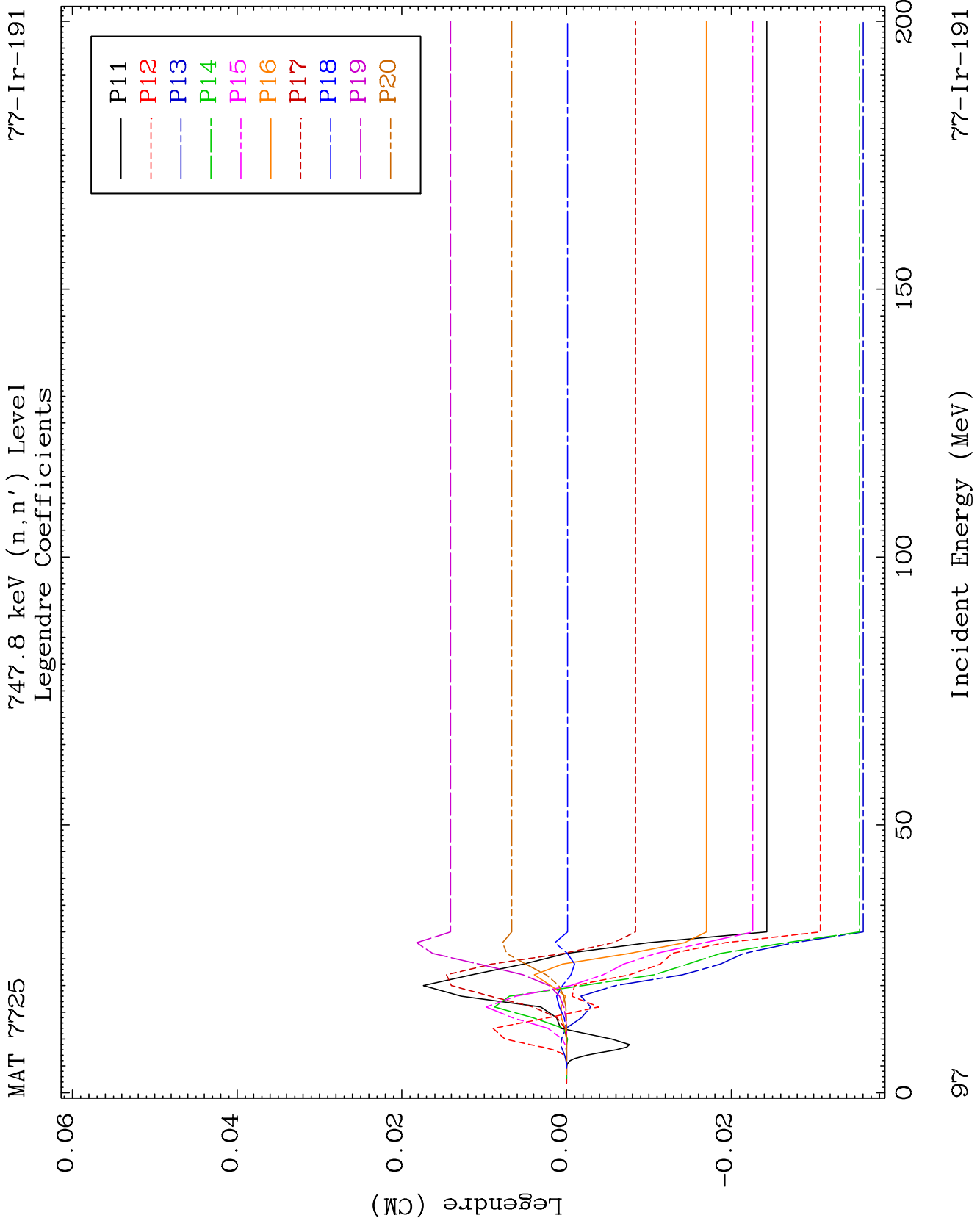
MAT 7725

747.8 keV (n, n') Level
Legendre Coefficients

77-Ir-191



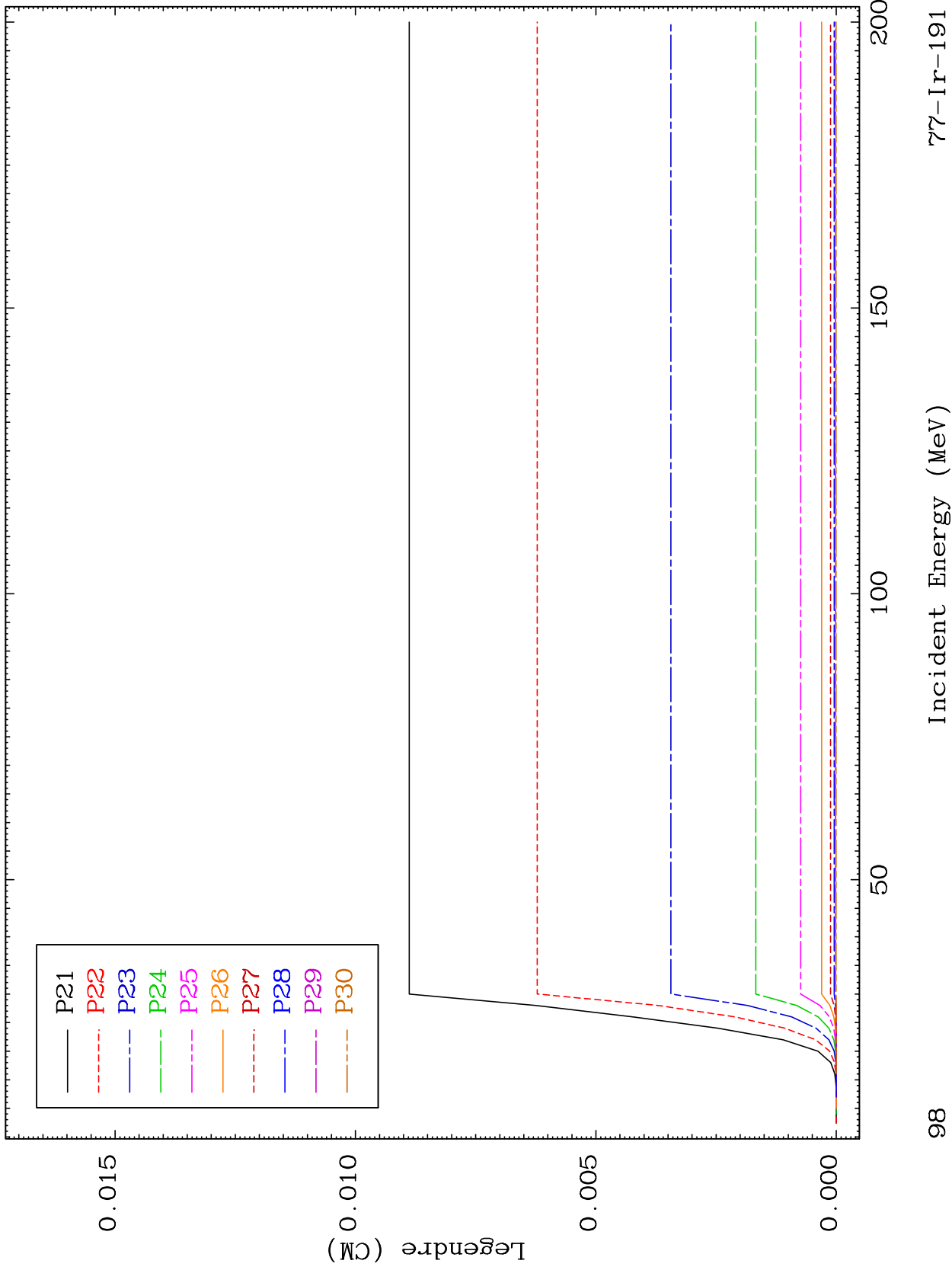
96



MAT 7725

747.8 keV (n,n') Level
Legendre Coefficients

77-Ir-191



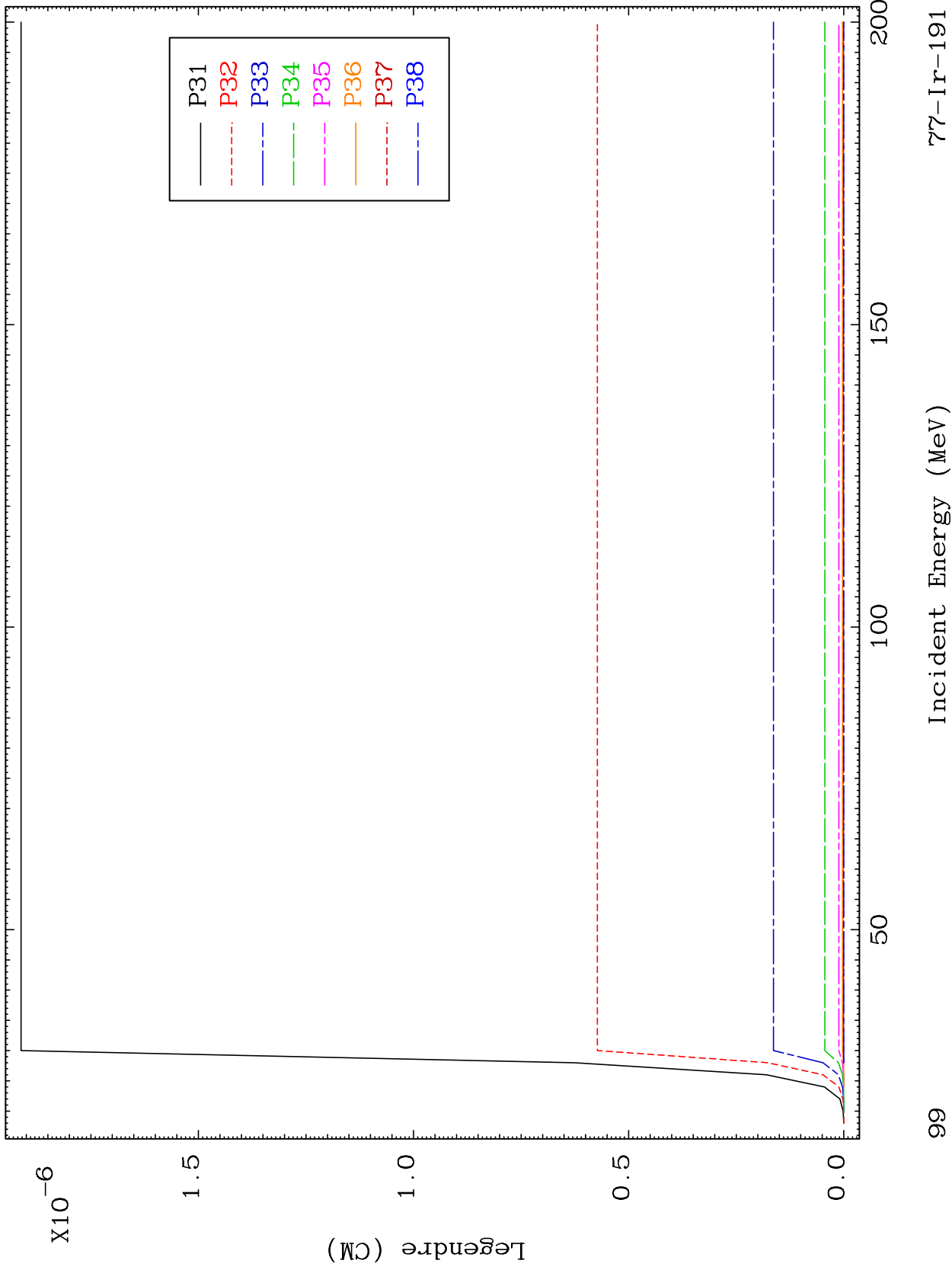
98

77-Ir-191

MAT 7725

747.8 keV (n,n') Level
Legendre Coefficients

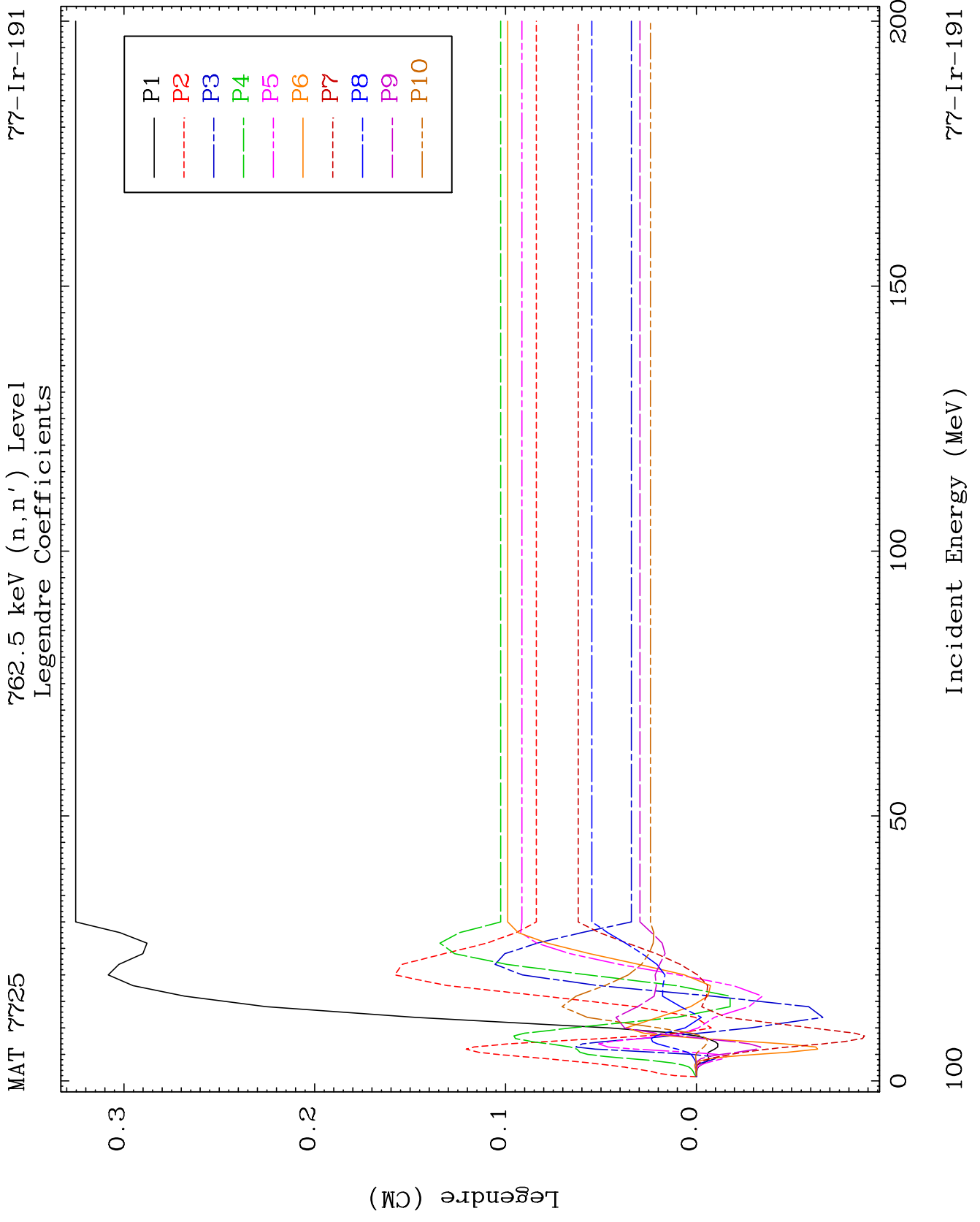
77-Ir-191

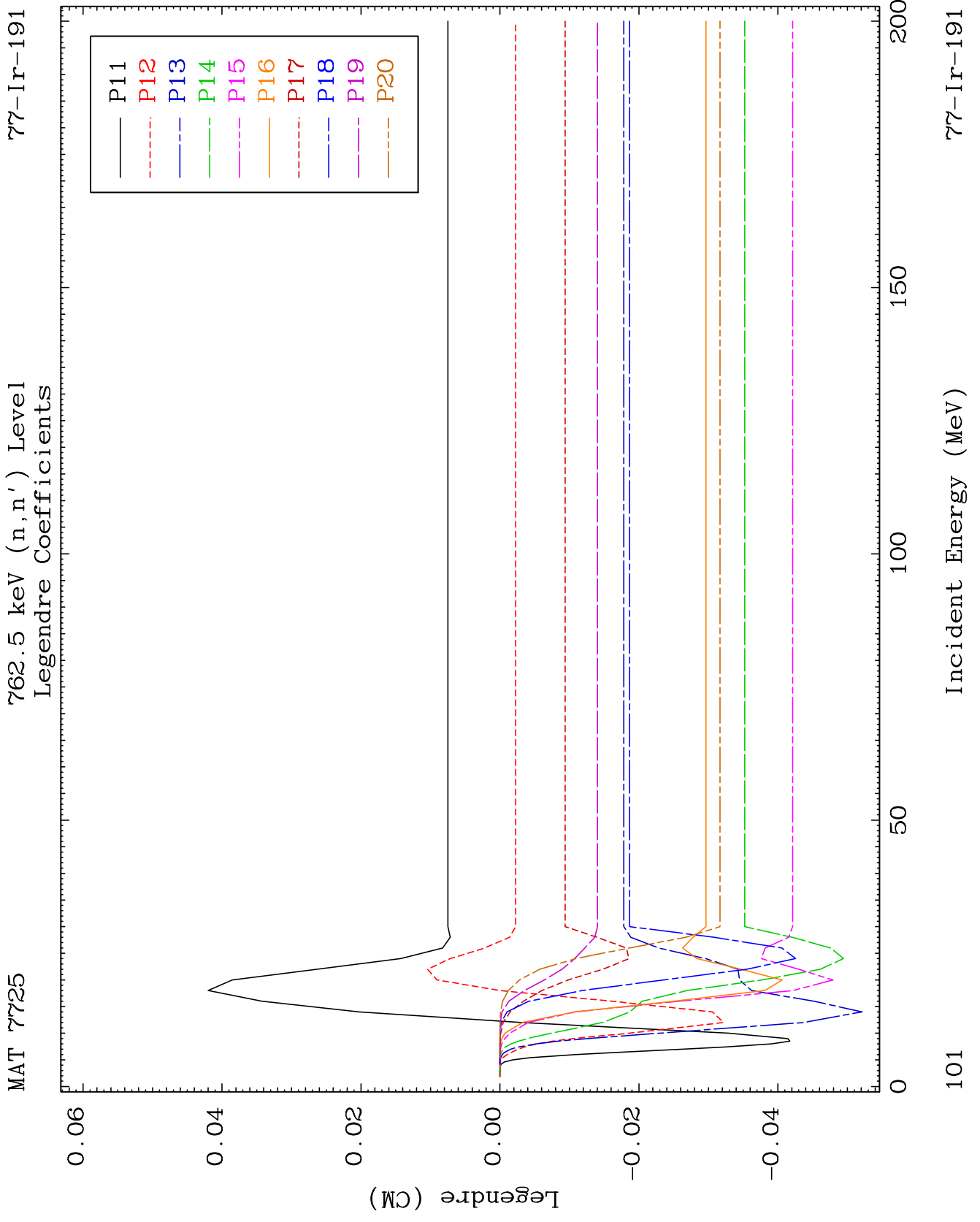


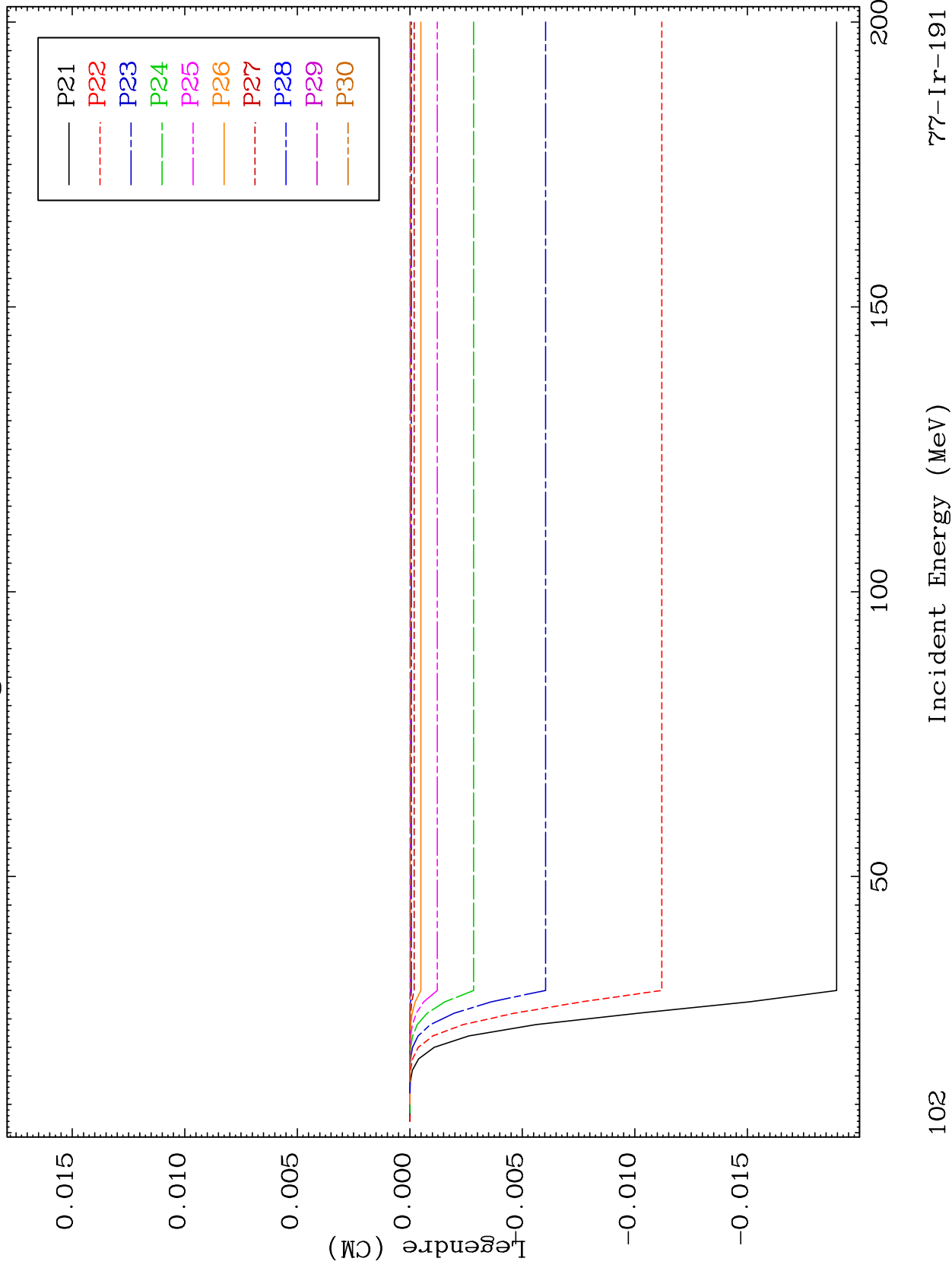
99

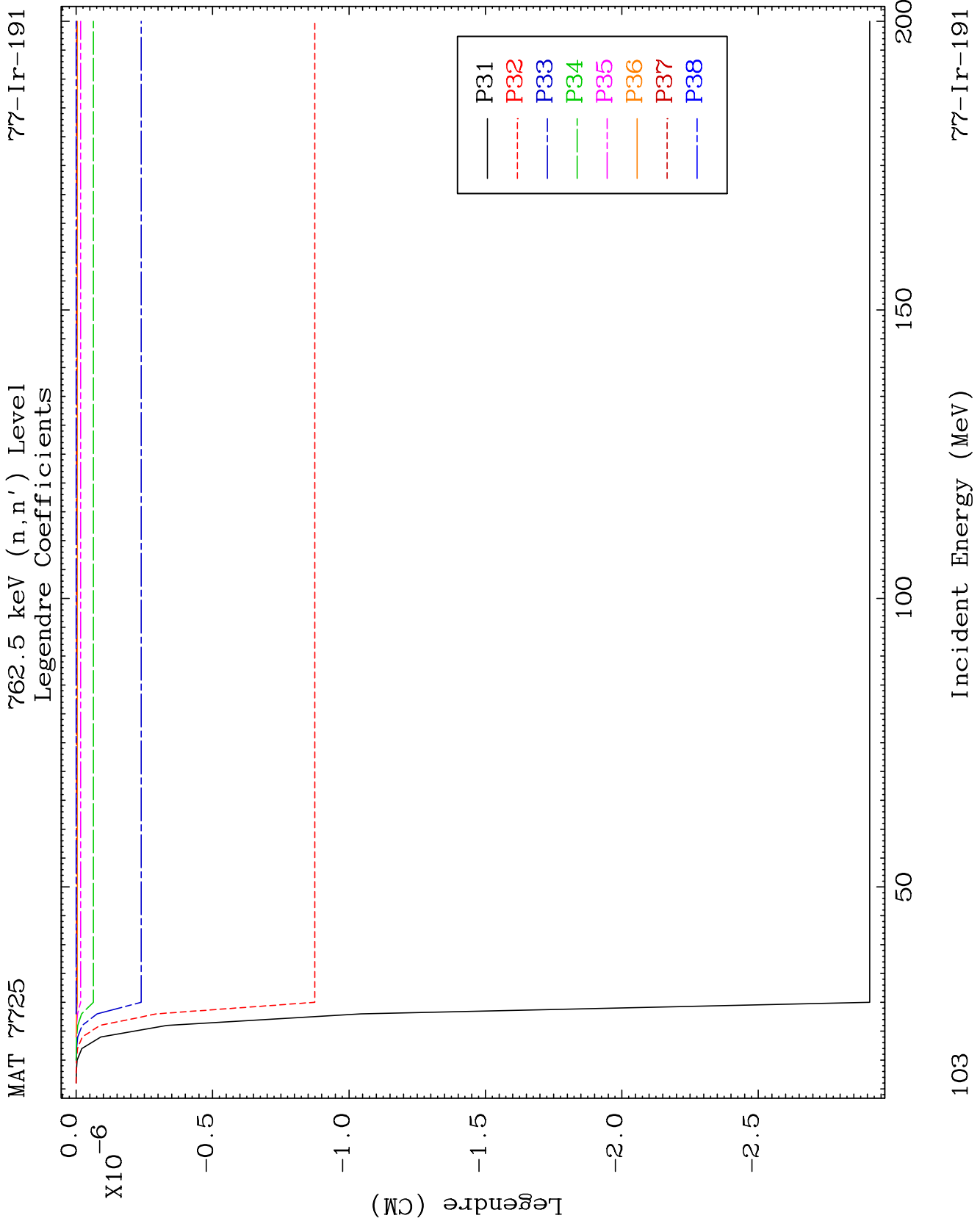
Incident Energy (MeV)

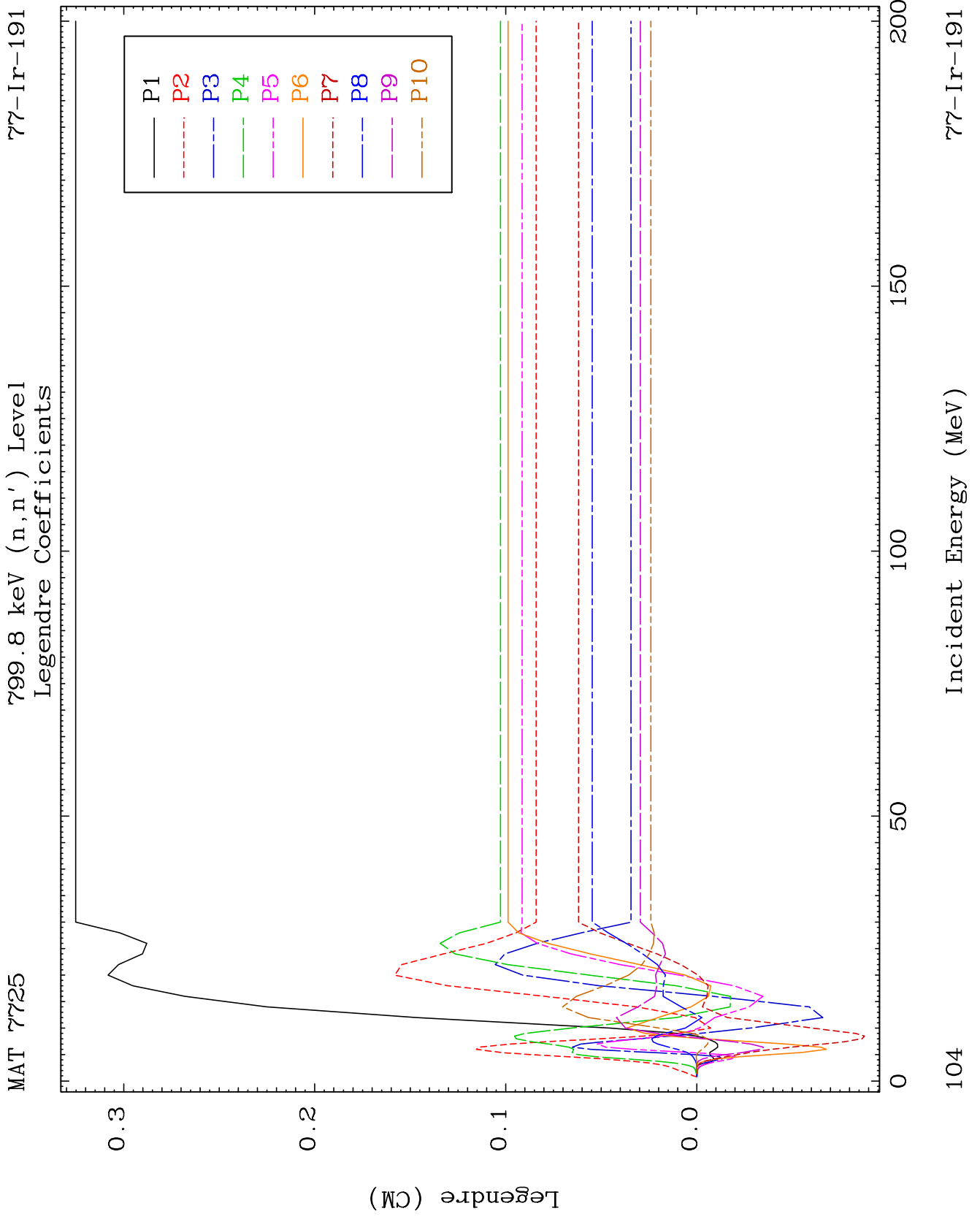
77-Ir-191

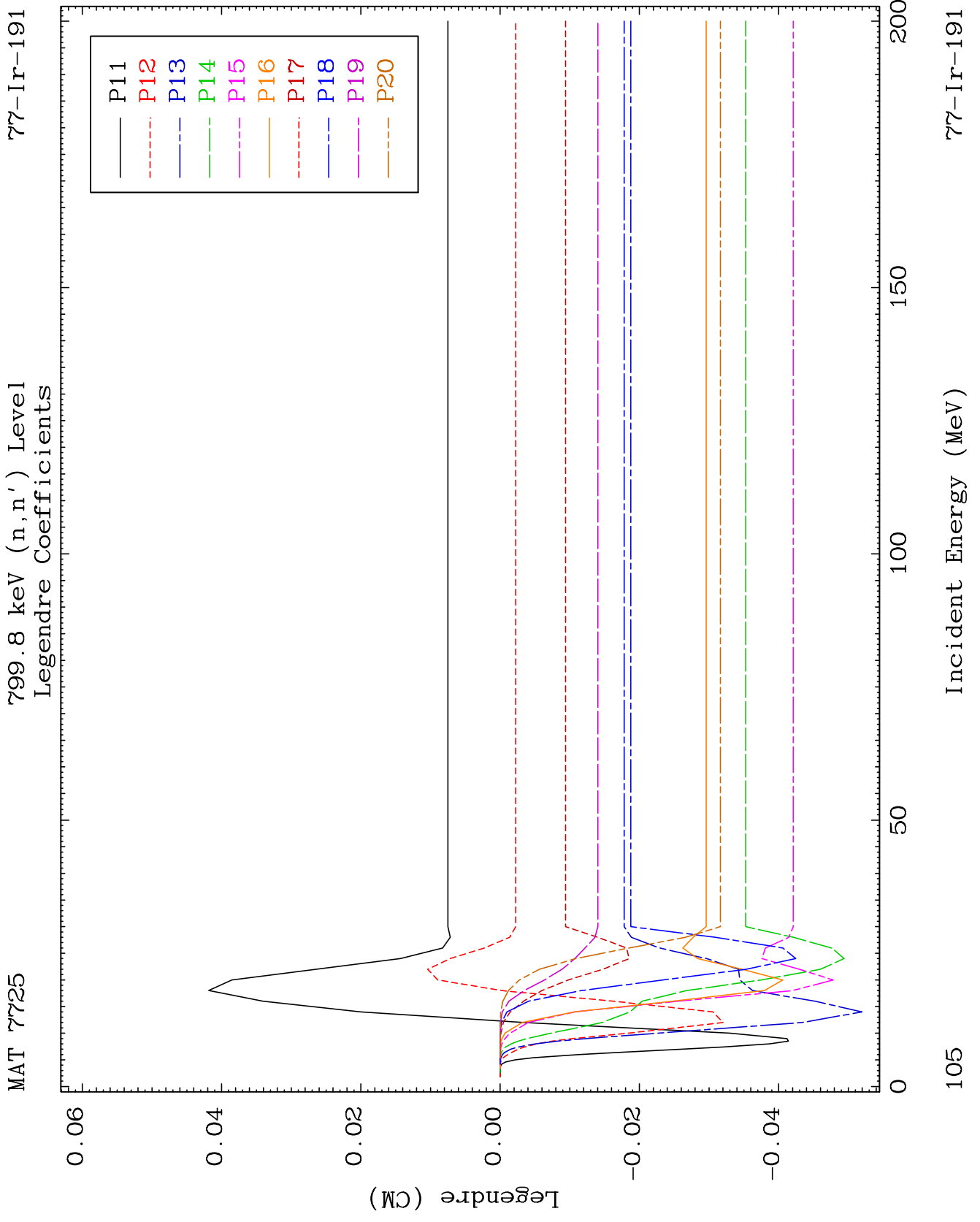


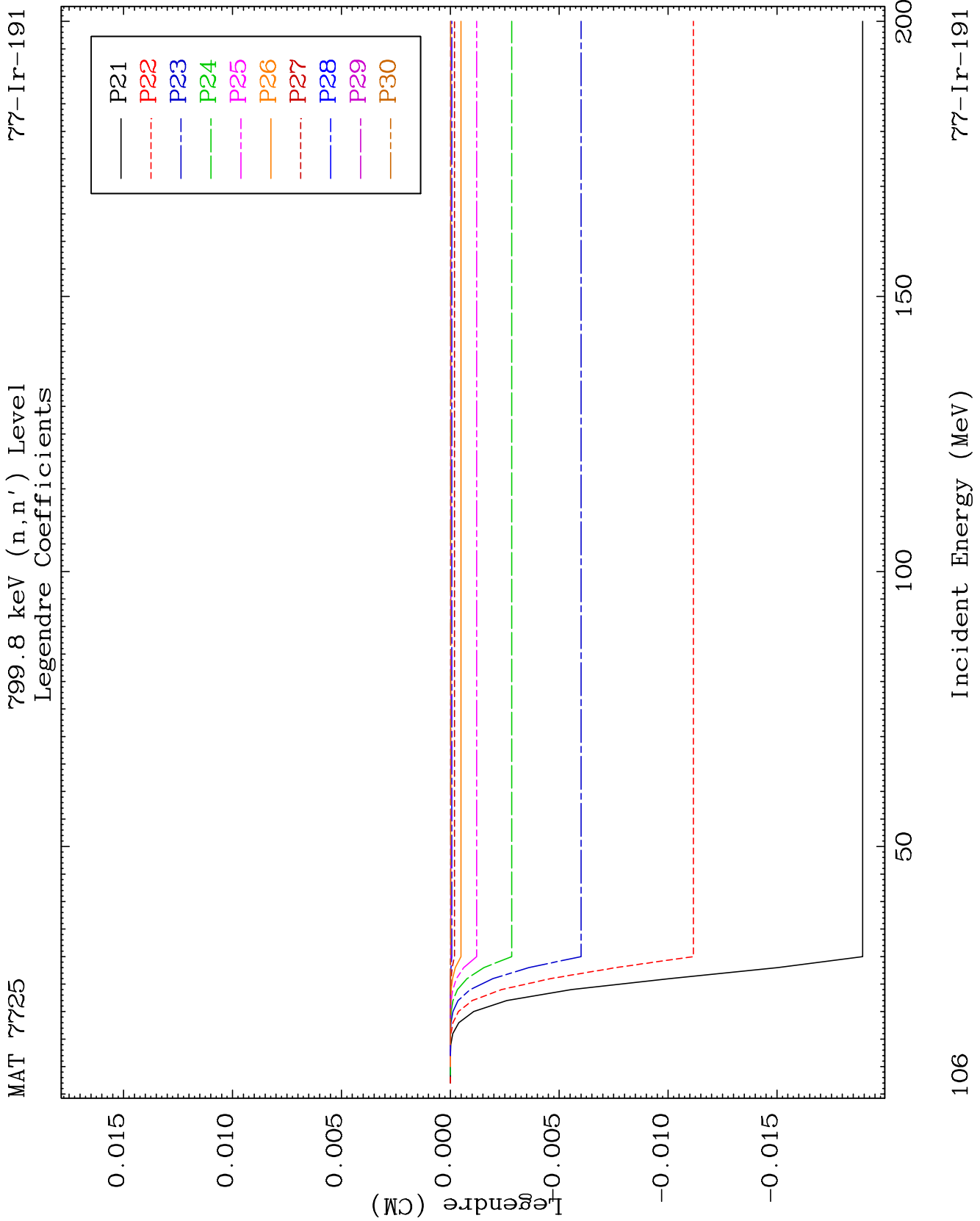


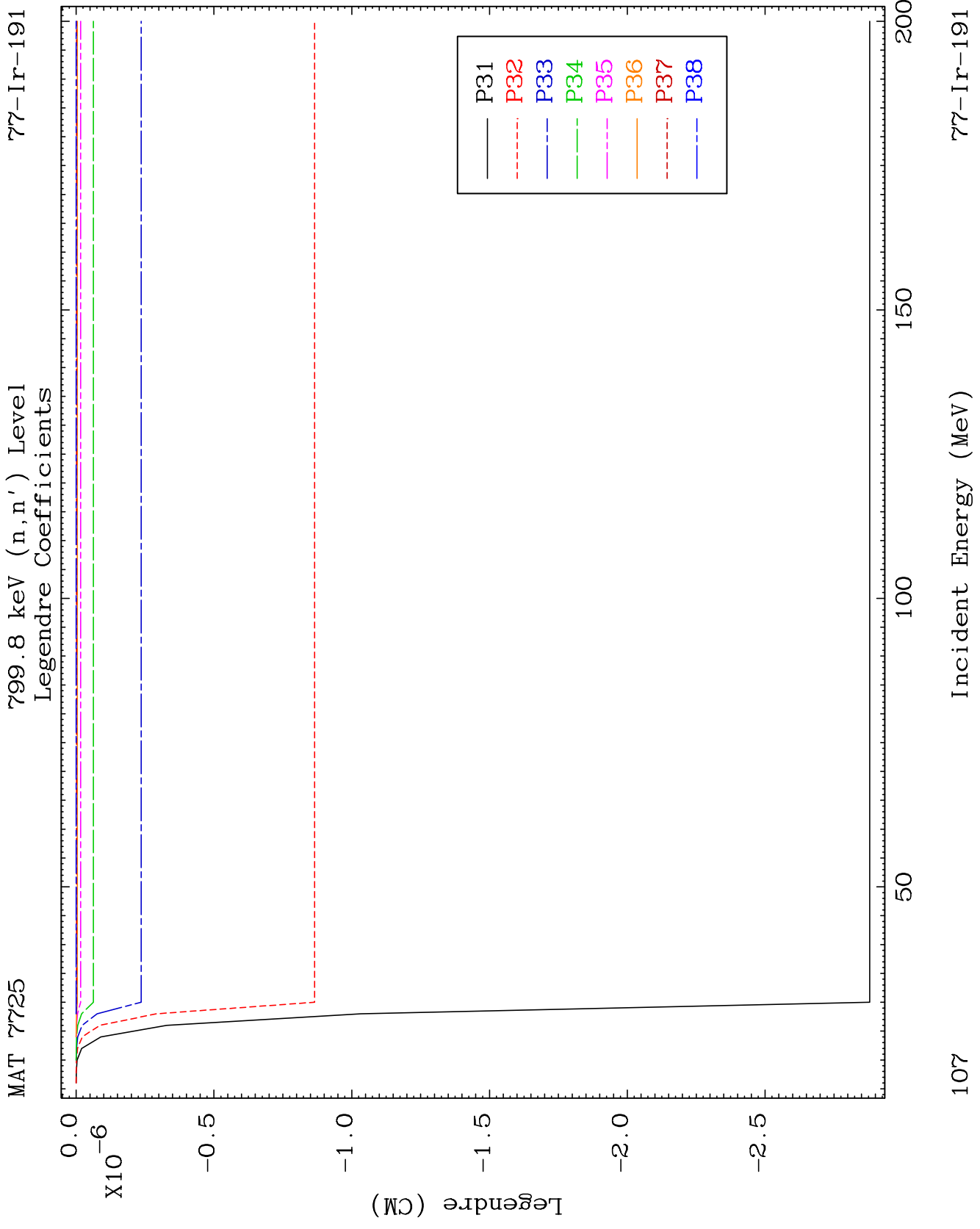








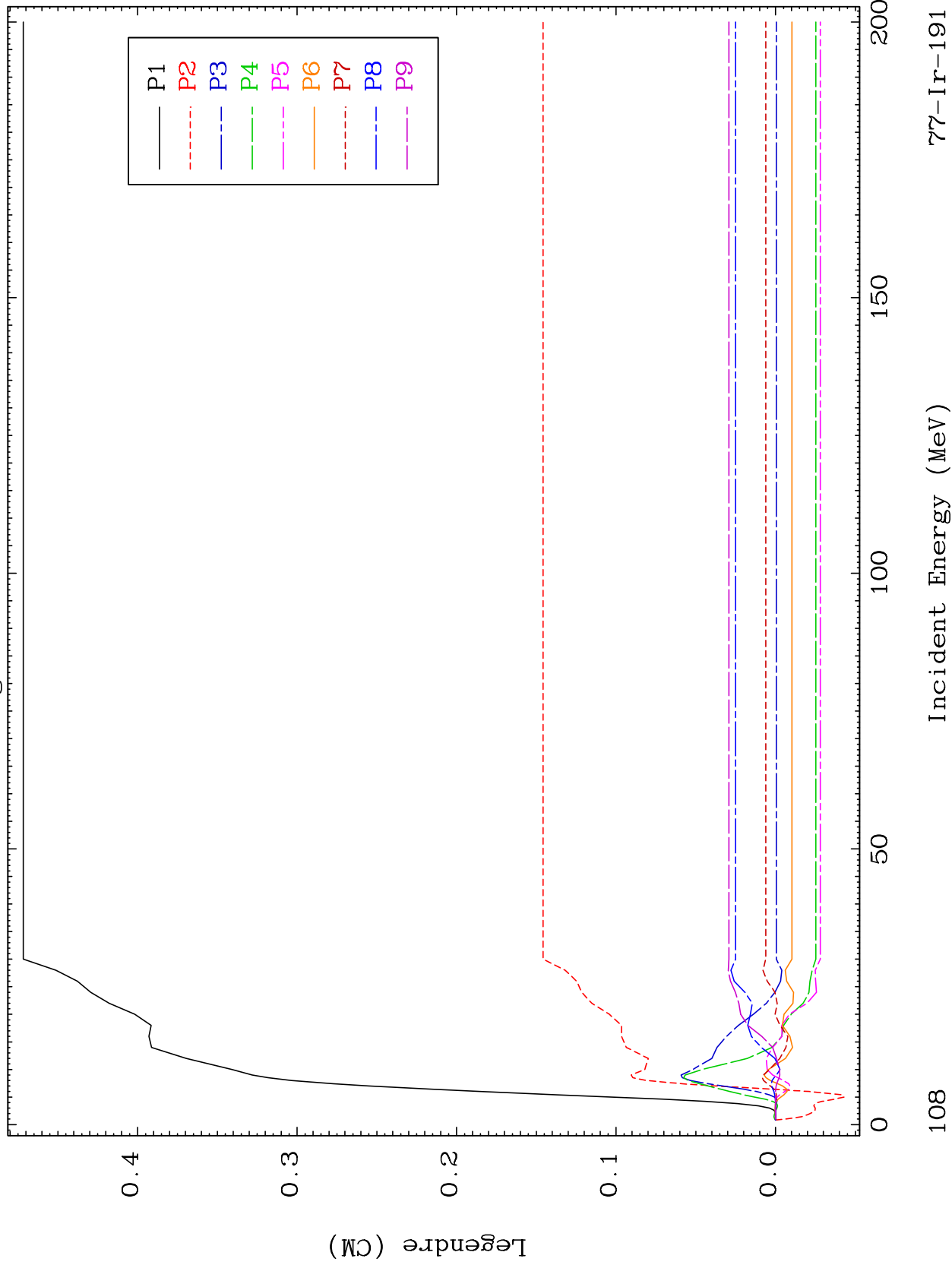




MAT 7725

811.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191



77-Ir-191

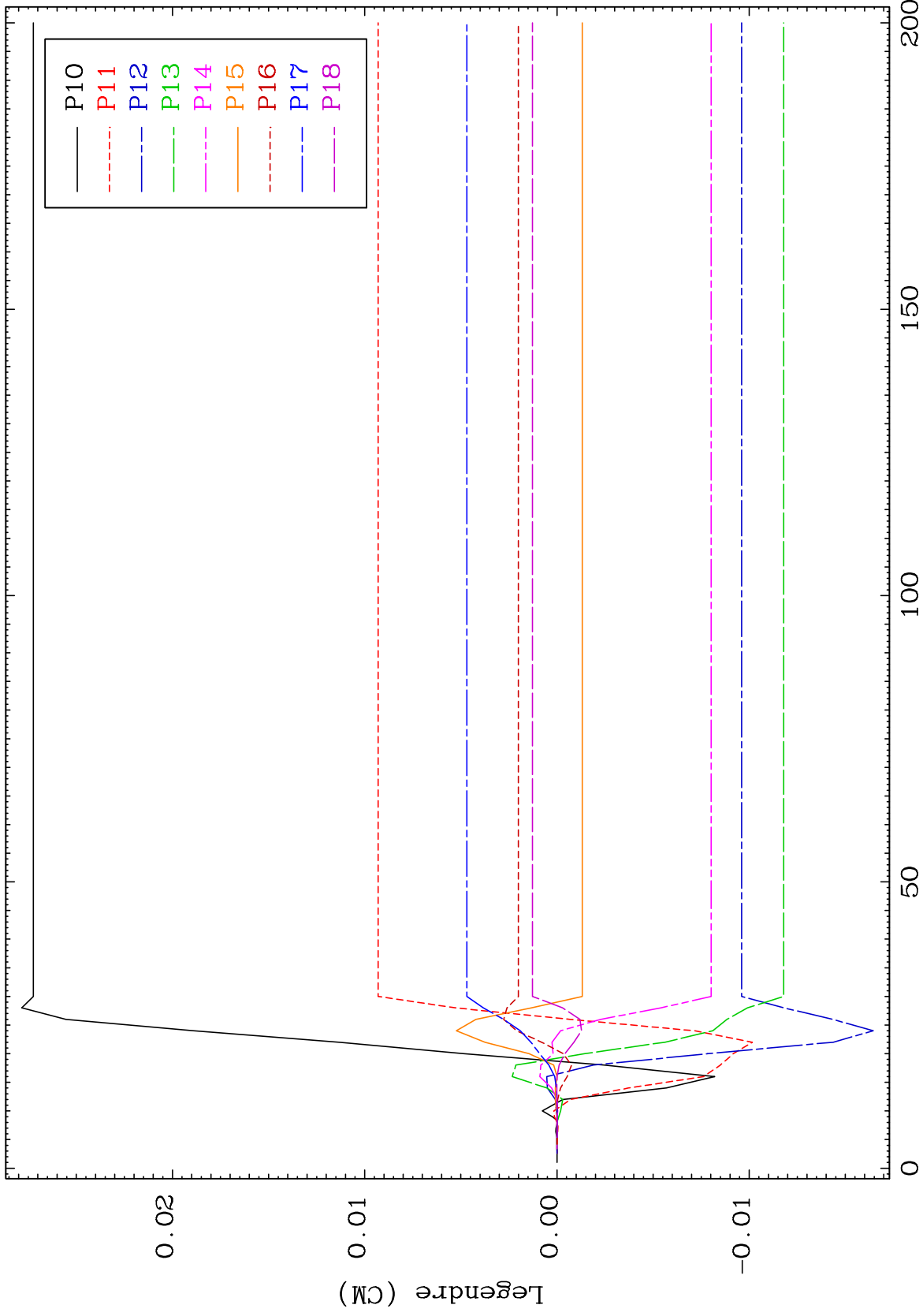
Incident Energy (MeV)

108

MAT 7725

811.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191



109

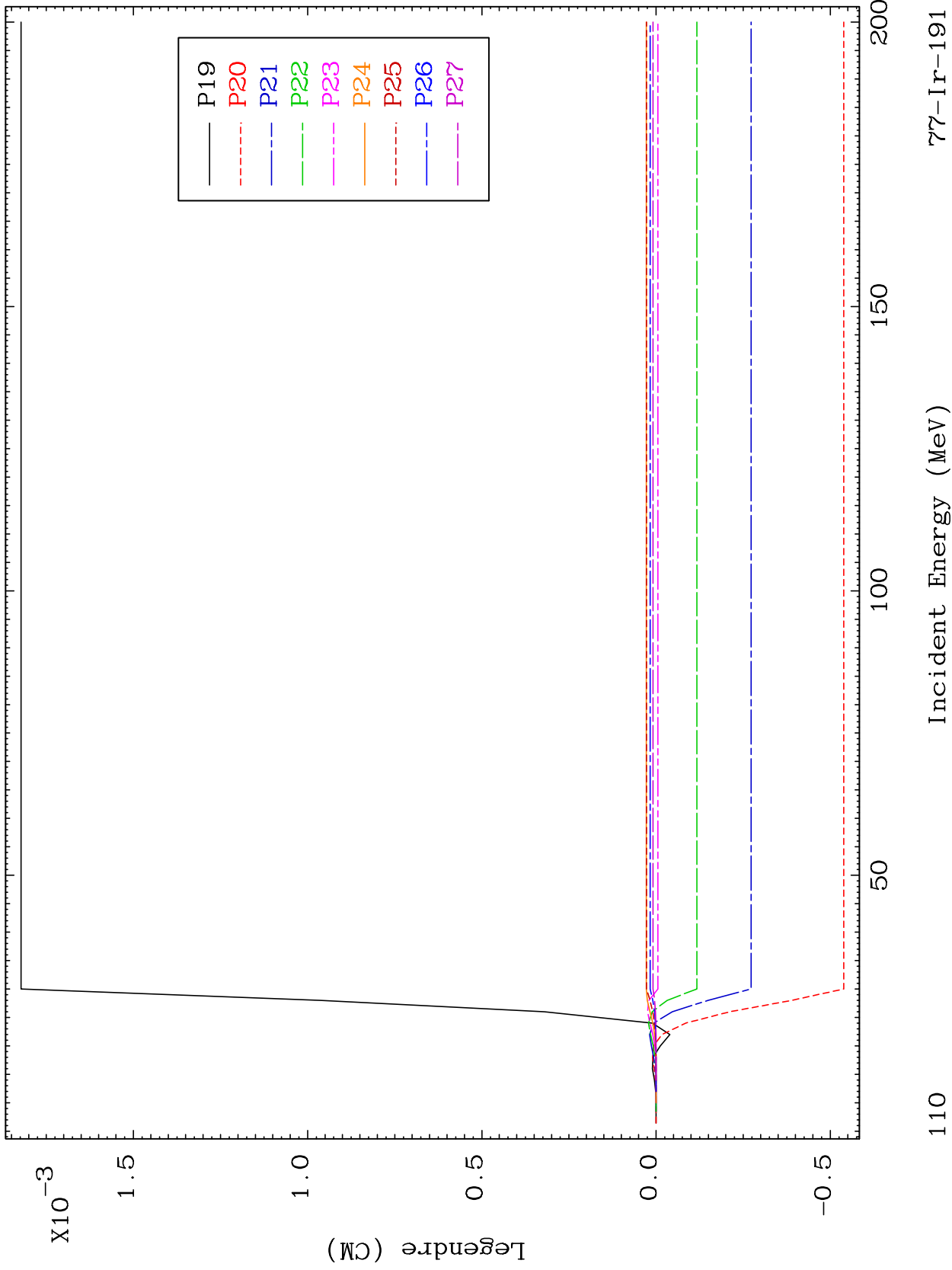
Incident Energy (MeV)

77-Ir-191

MAT 7725

811.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191



110

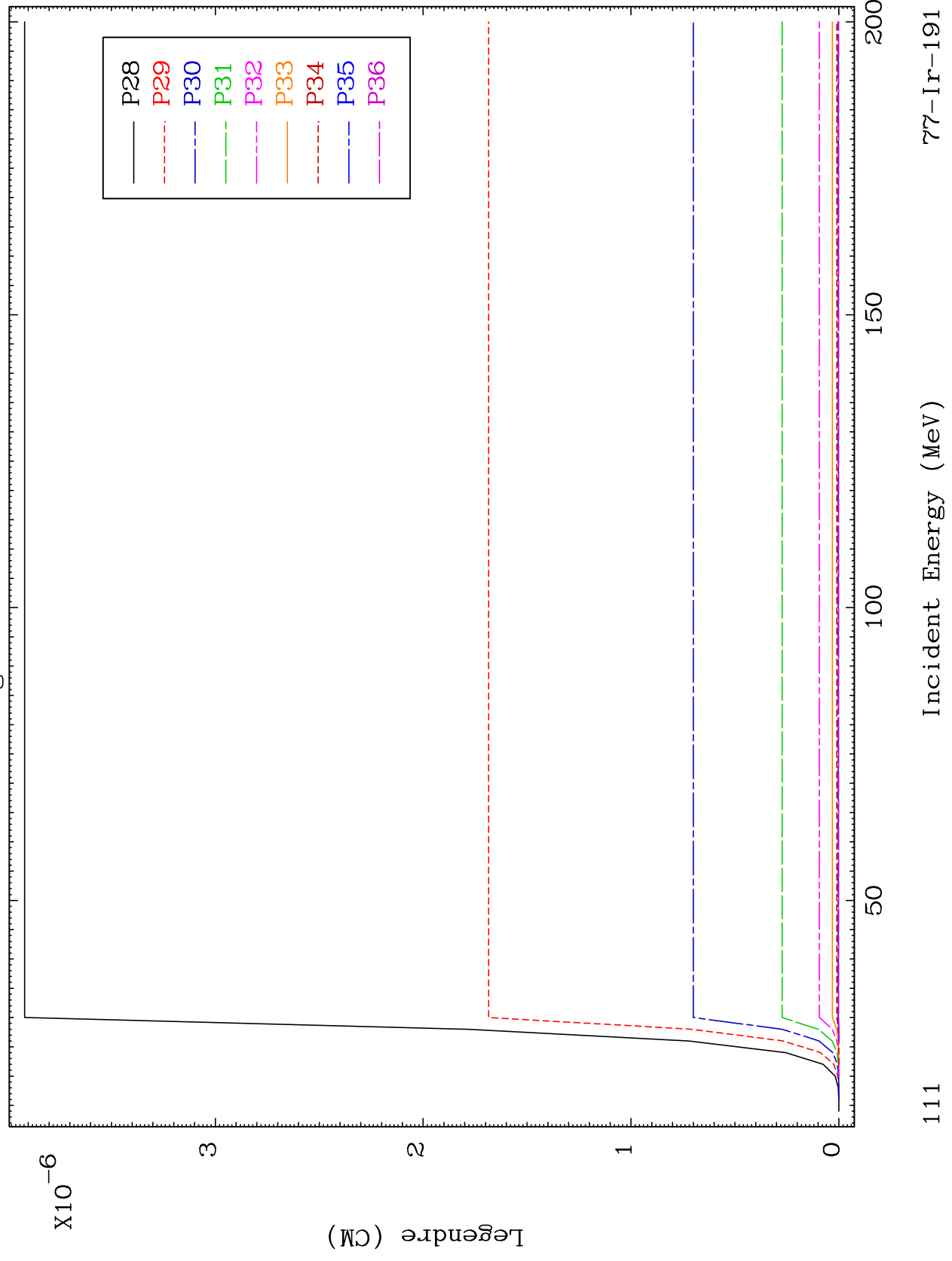
Incident Energy (MeV)

77-Ir-191

MAT 7725

811.9 keV (n,n') Level
Legendre Coefficients

77-Ir-191



111

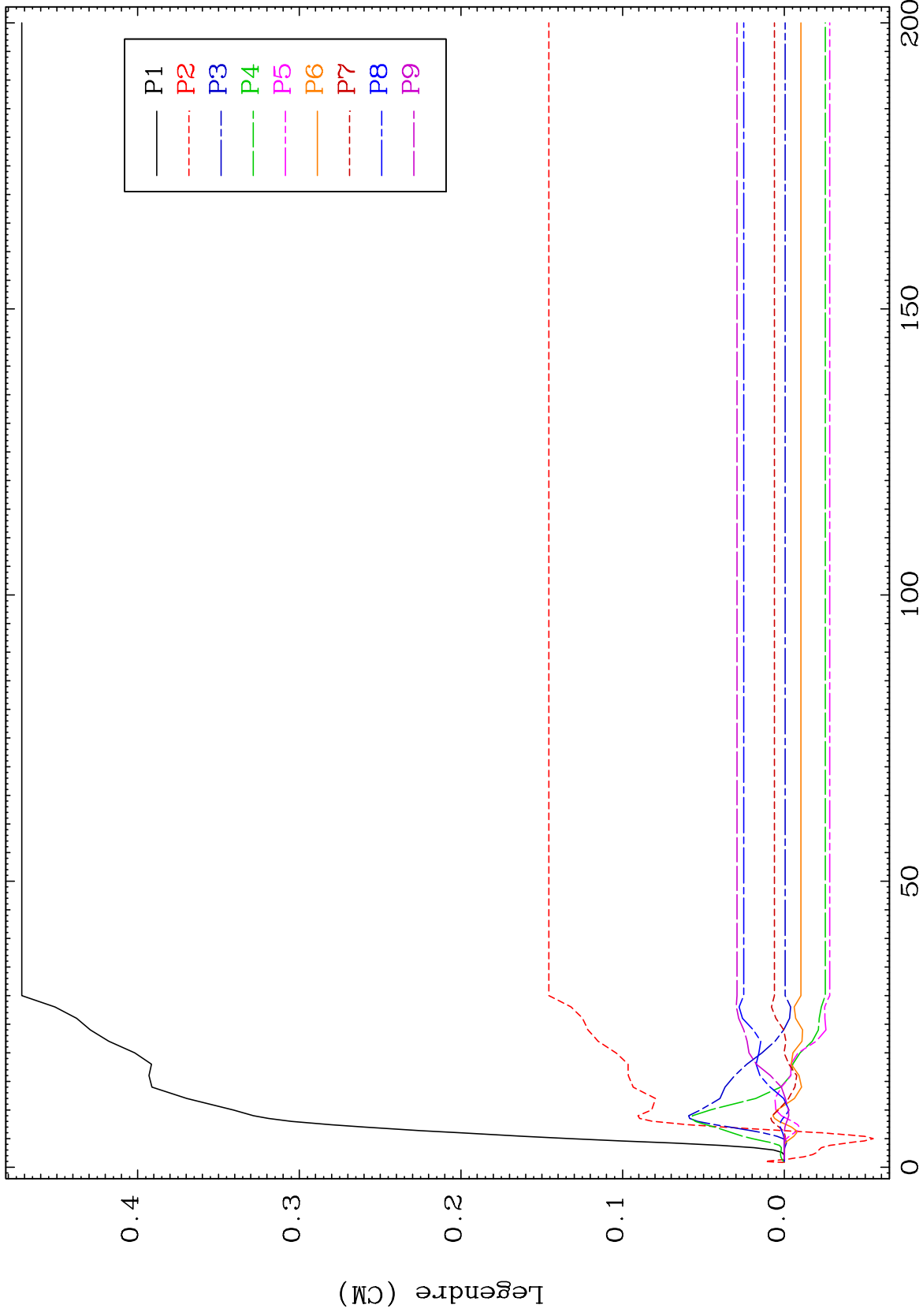
Incident Energy (MeV)

77-Ir-191

MAT 7725

816.6 keV (n,n') Level
Legendre Coefficients

77-Ir-191



77-Ir-191

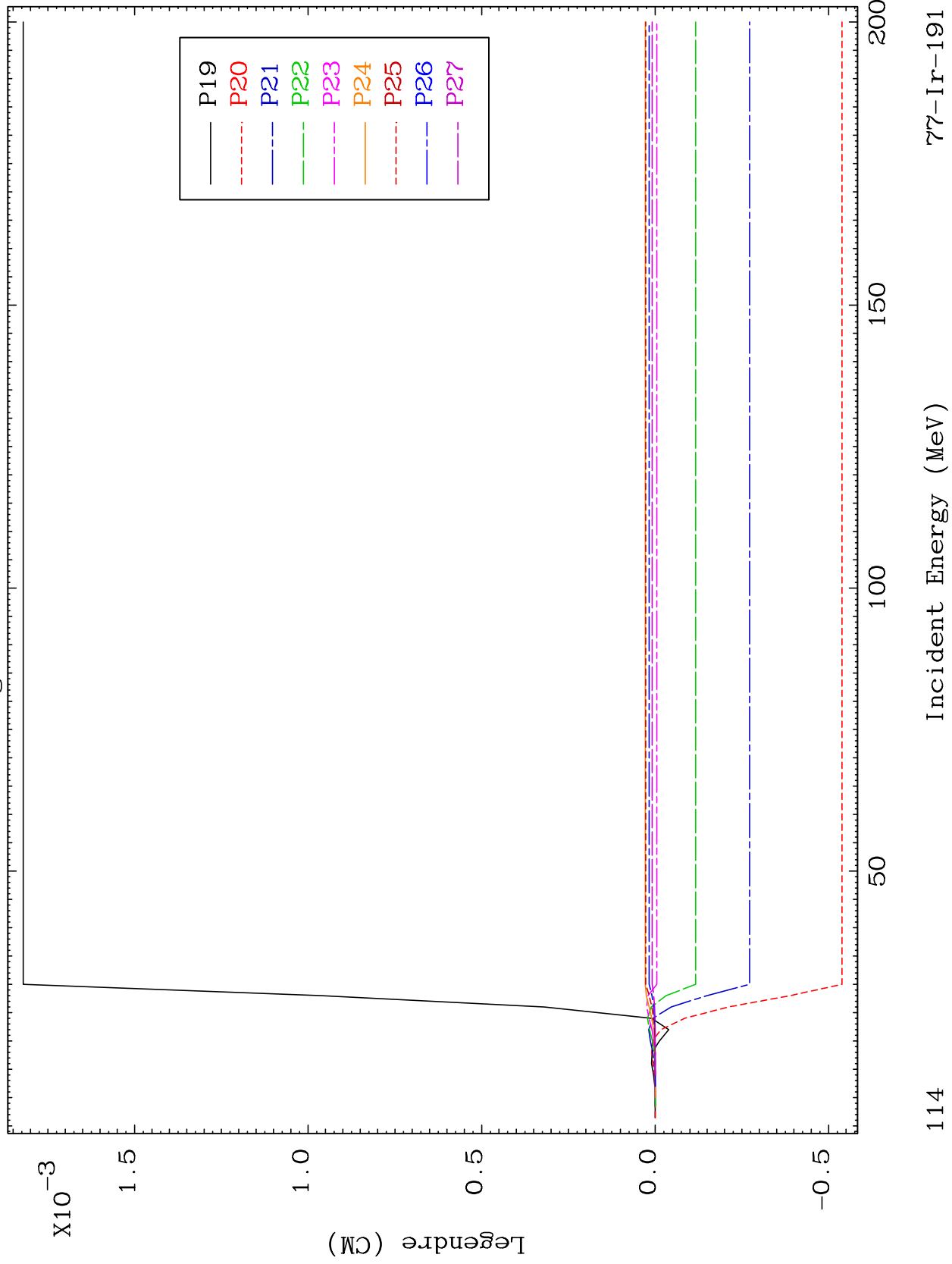
Incident Energy (MeV)

112

MAT 7725

816.6 keV (n,n') Level
Legendre Coefficients

77-Ir-191



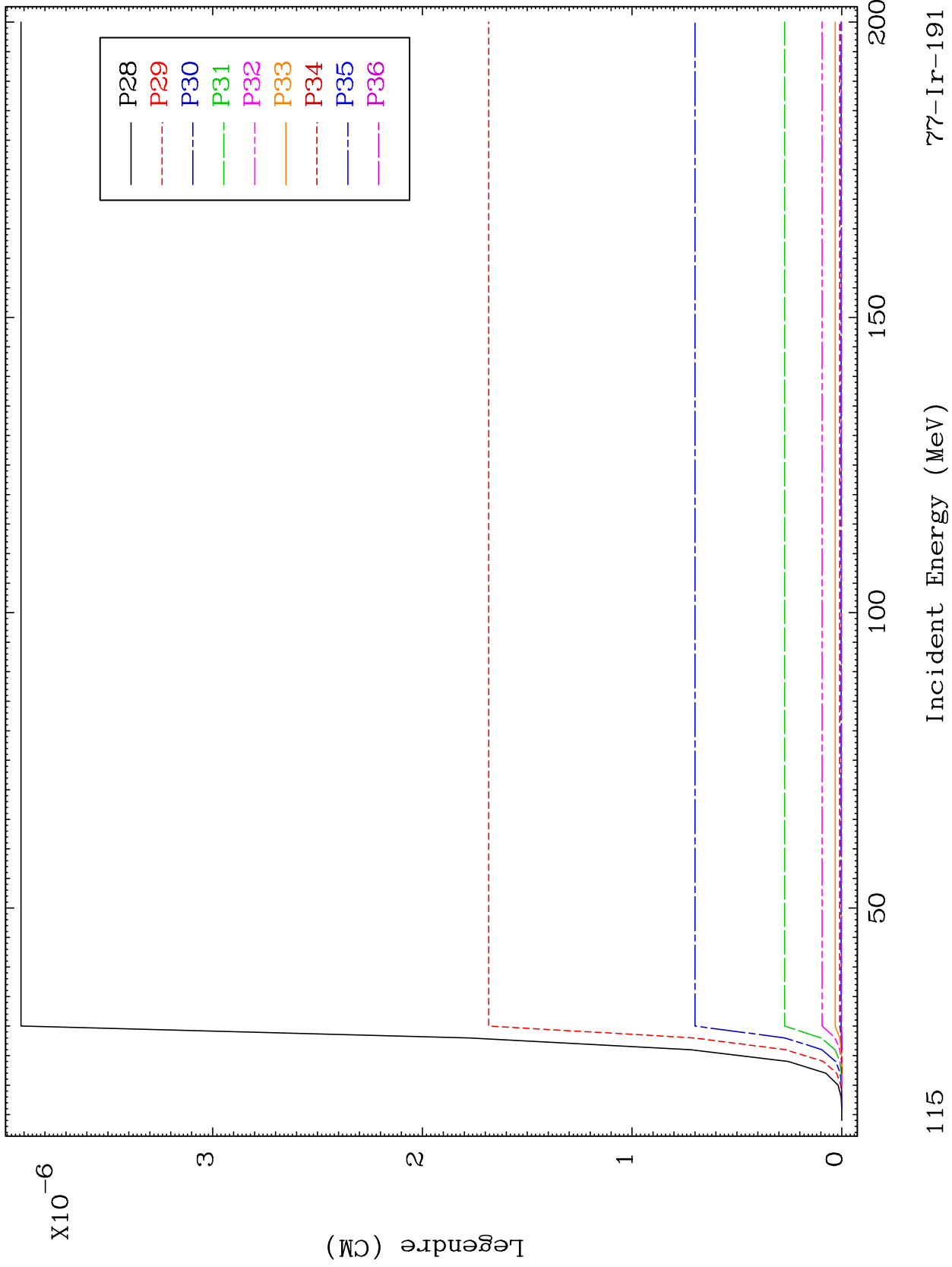
114

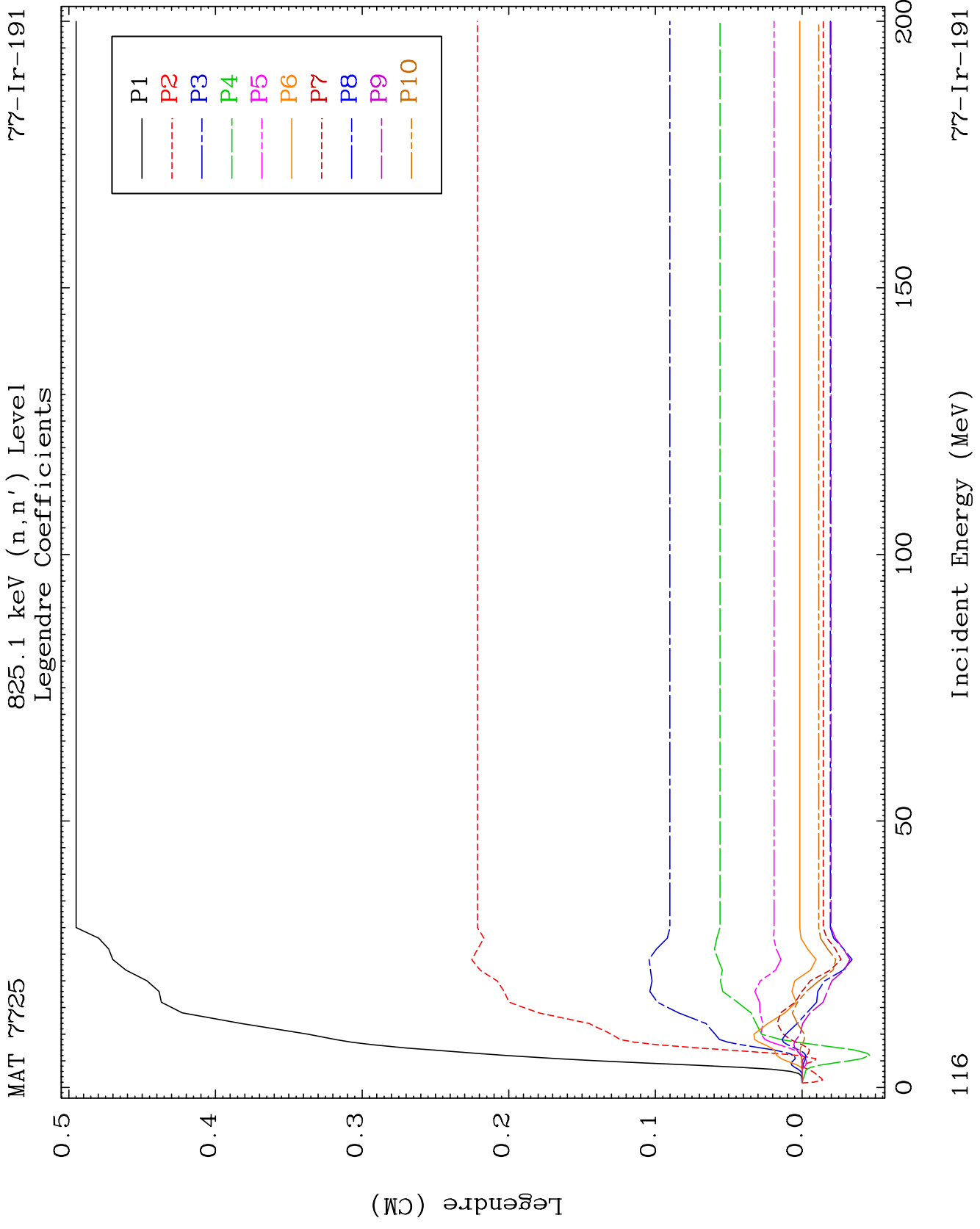
77-Ir-191

MAT 7725

816.6 keV (n,n') Level
Legendre Coefficients

77-Ir-191

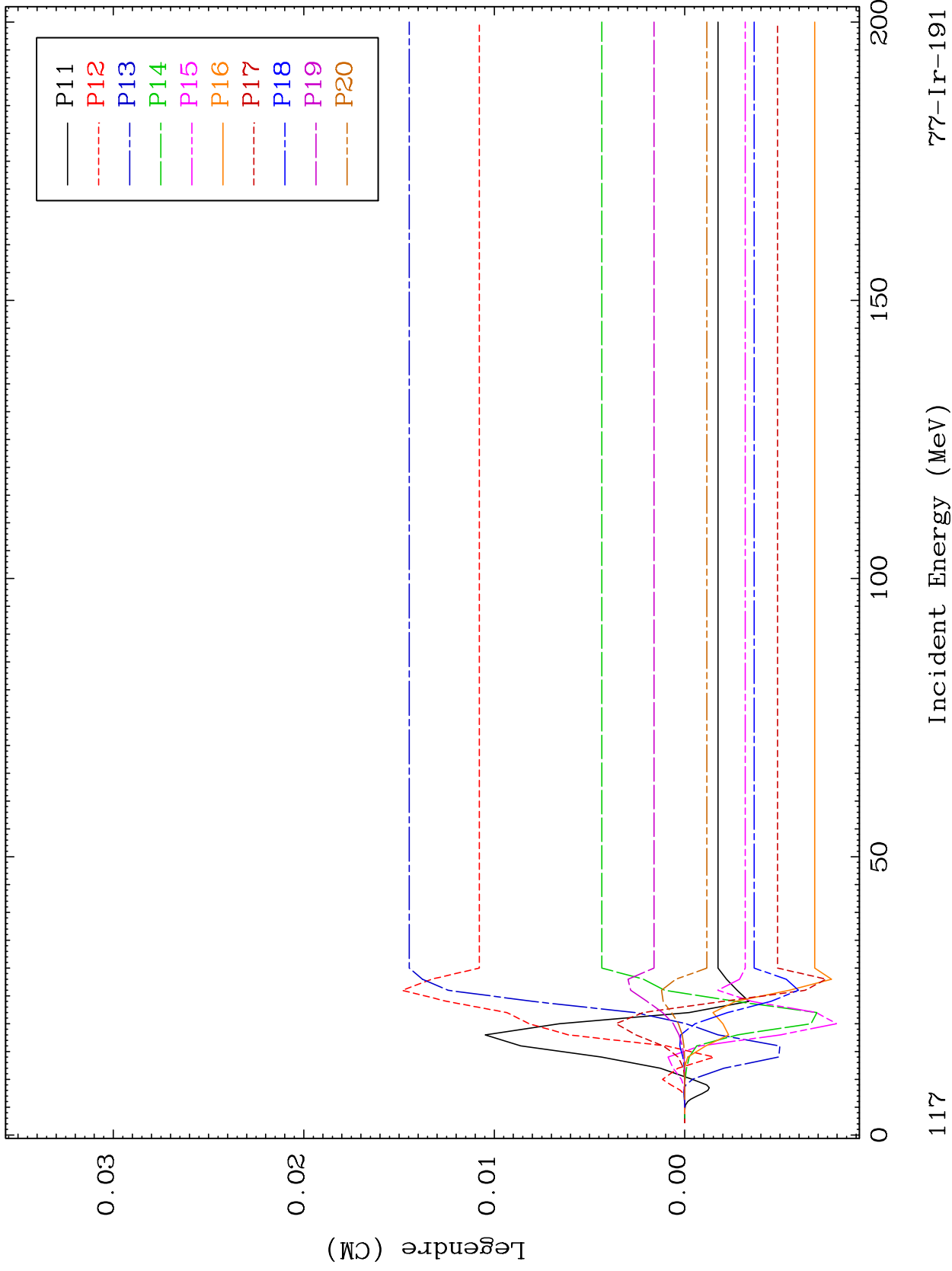




MAT 7725

825.1 keV (n,n') Level
Legendre Coefficients

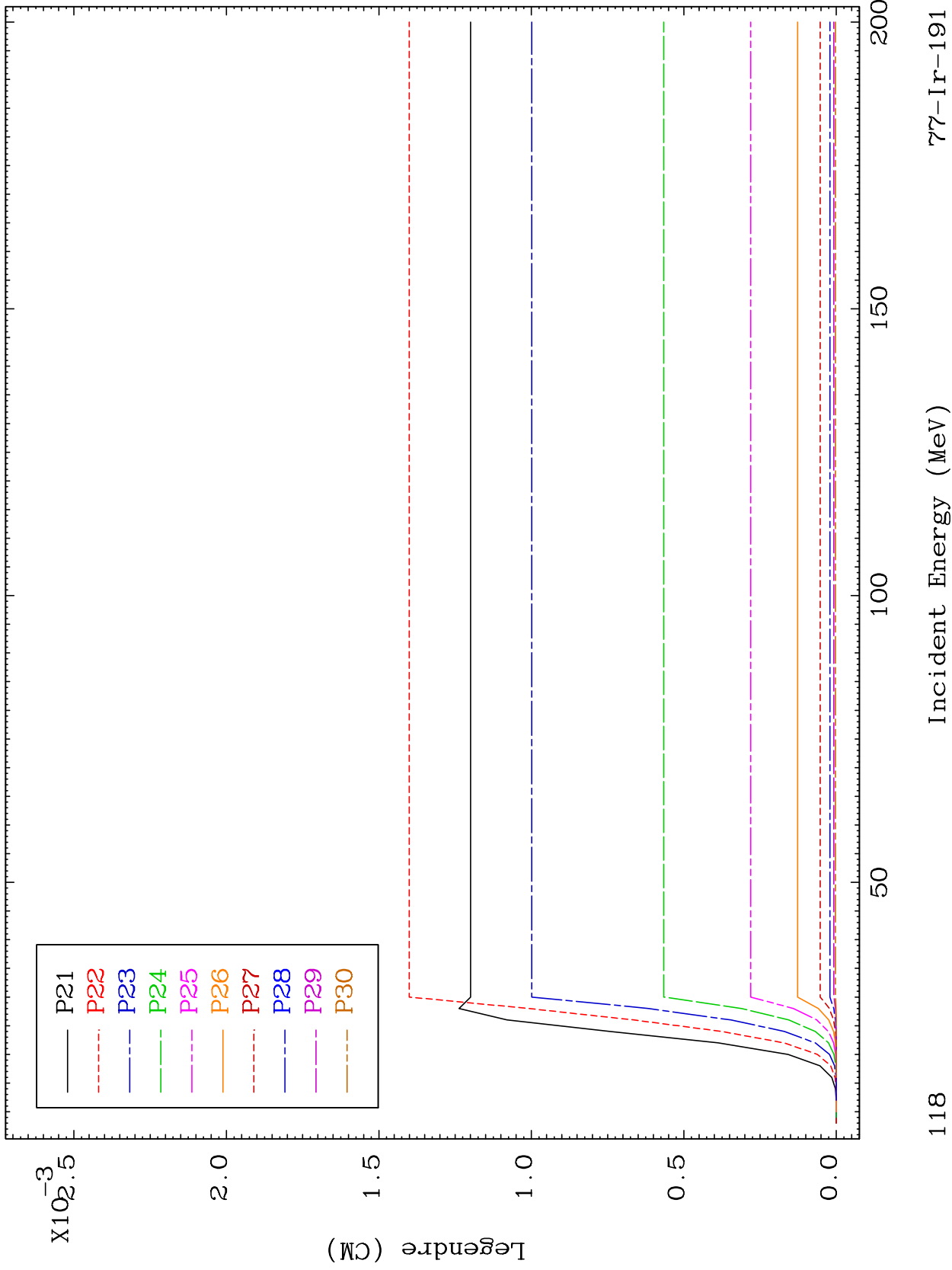
77-Ir-191

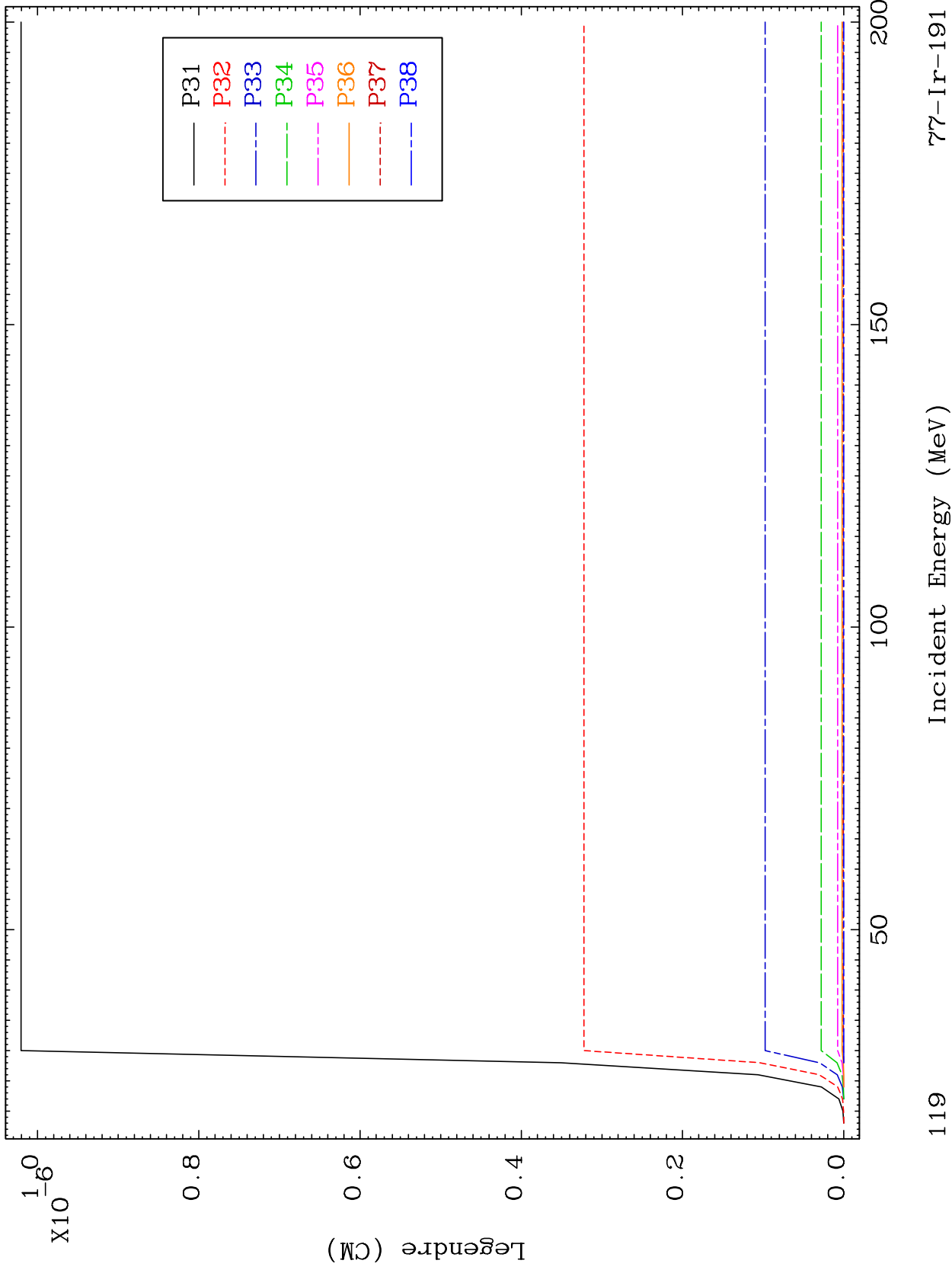


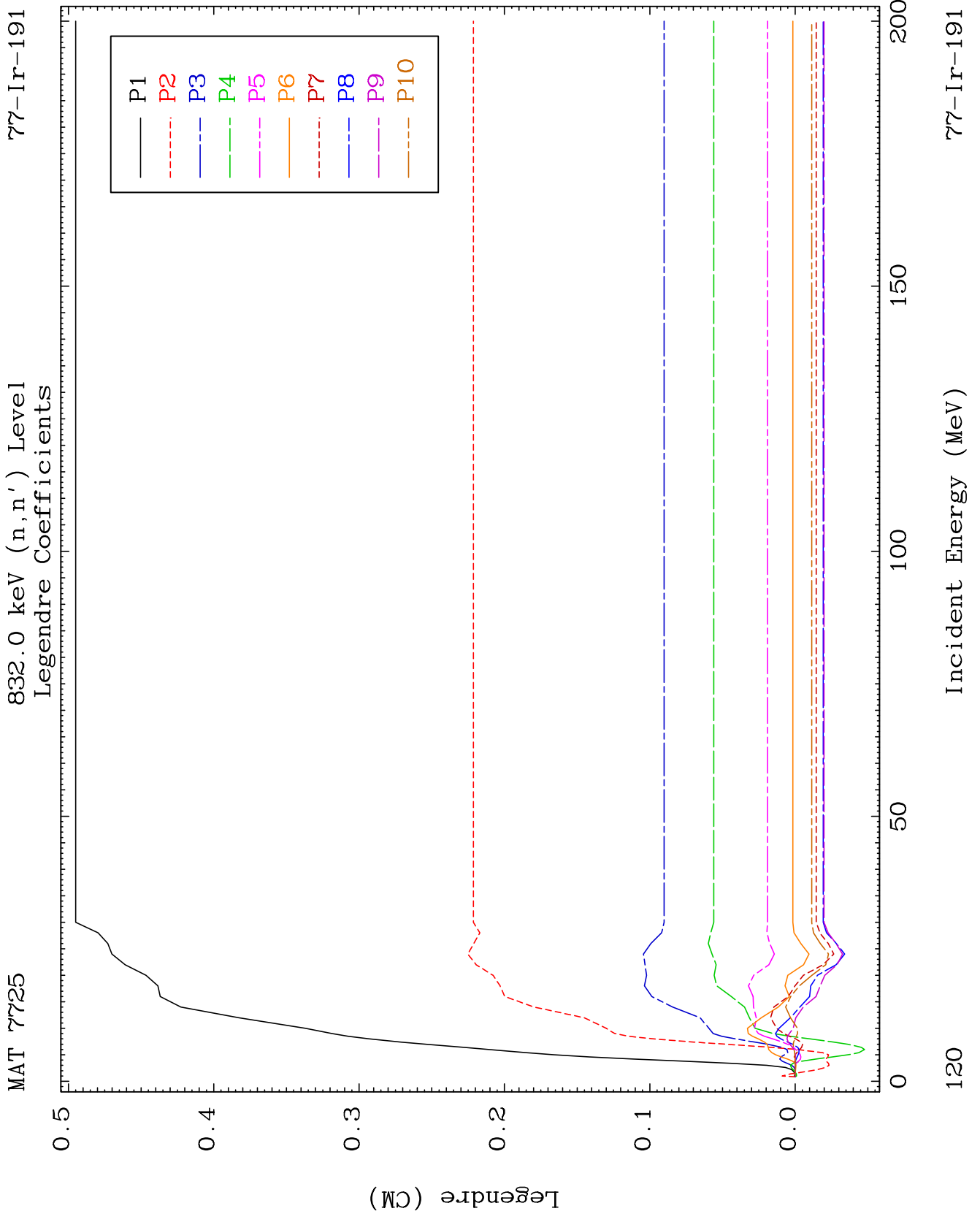
117

Incident Energy (MeV)

77-Ir-191



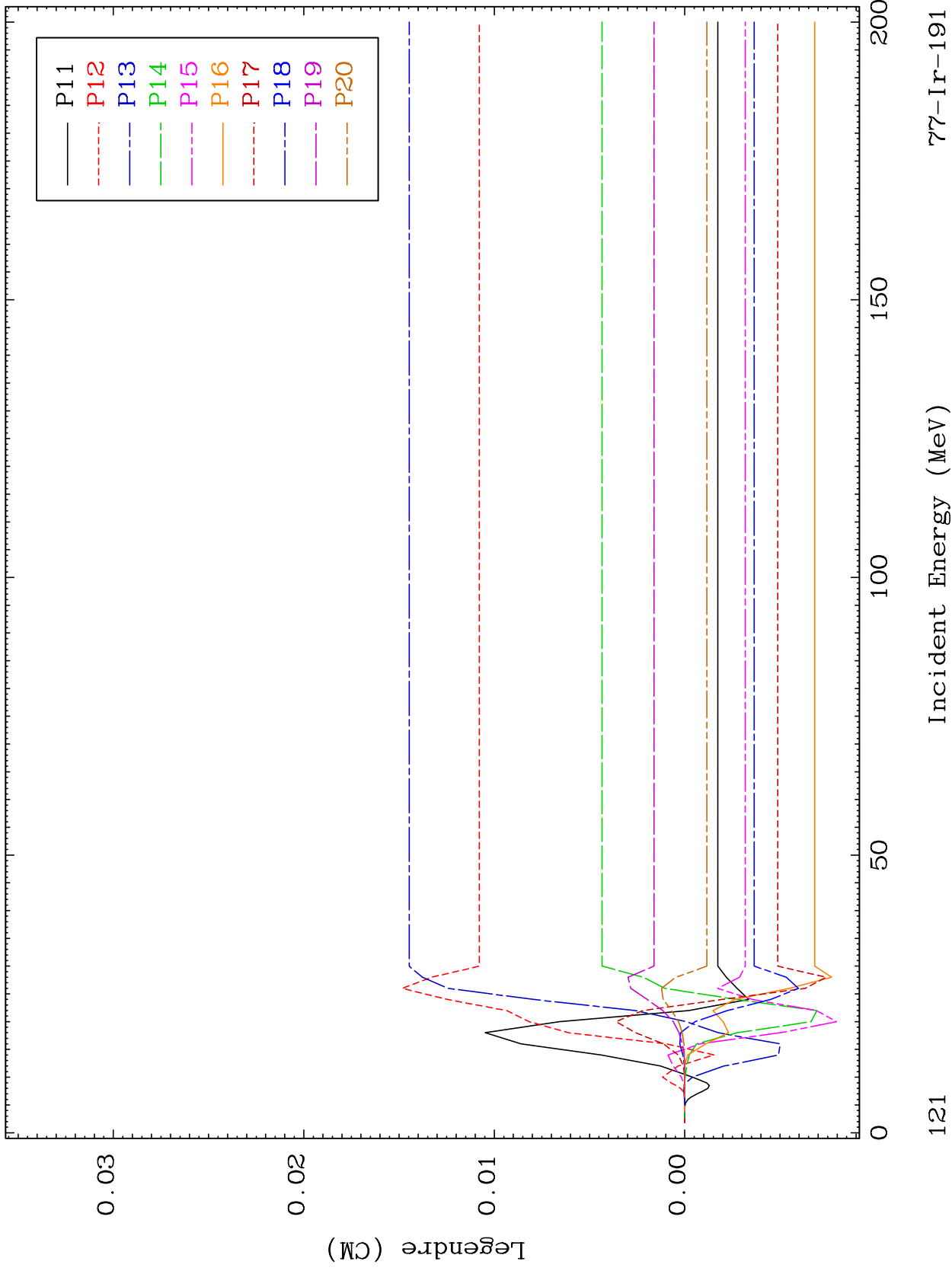




MAT 7725

832.0 keV (n,n') Level
Legendre Coefficients

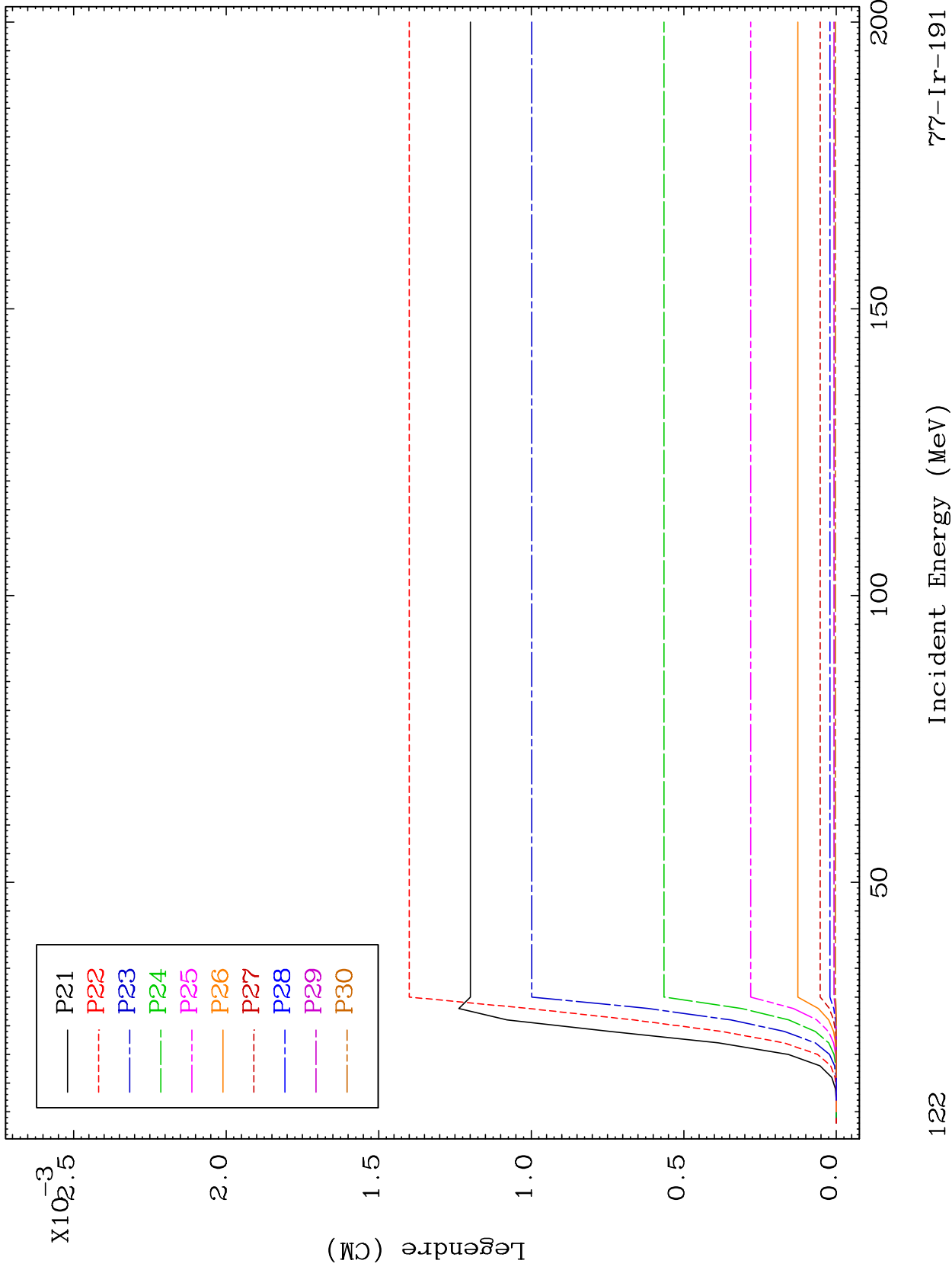
77-Ir-191

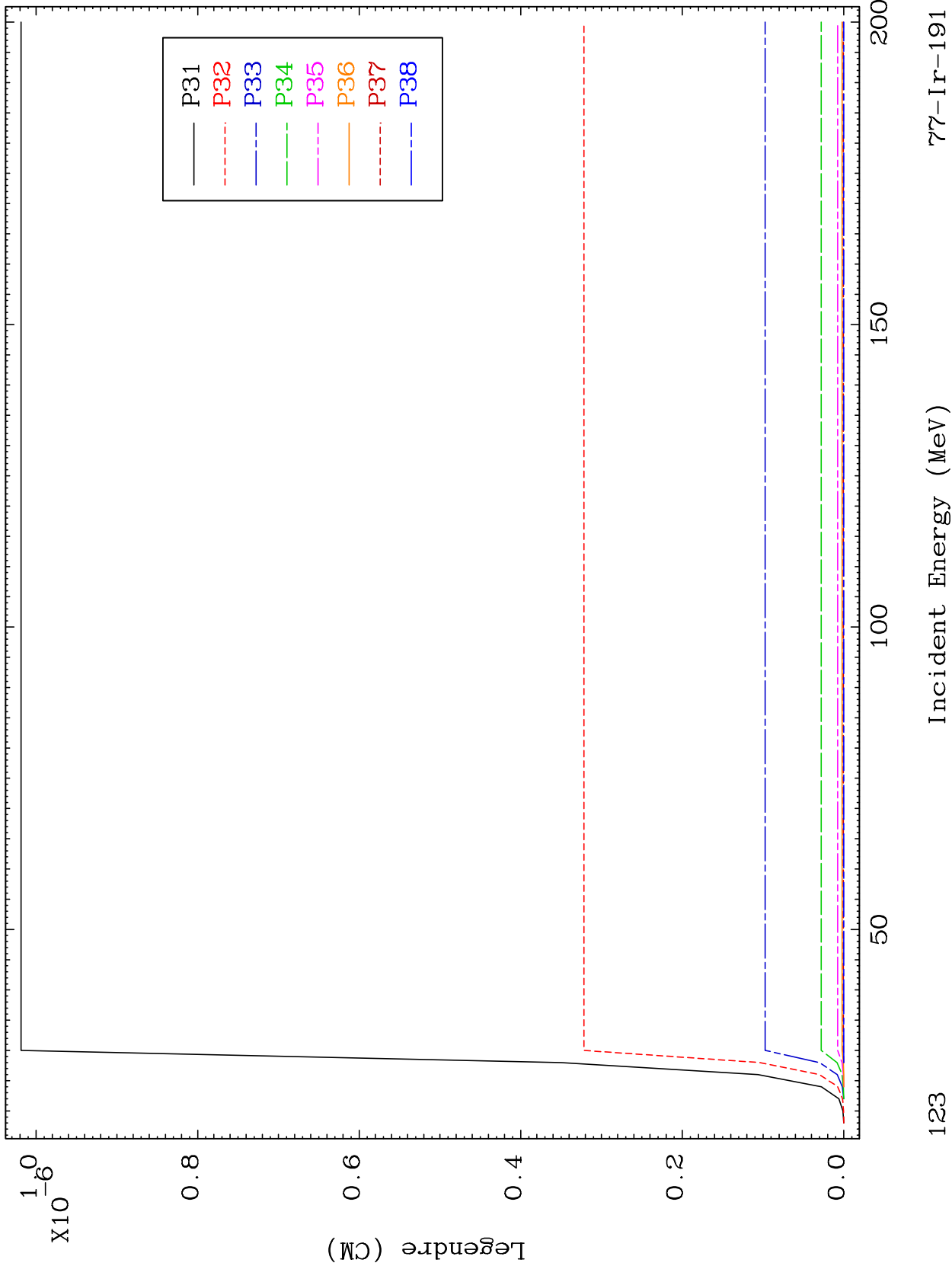


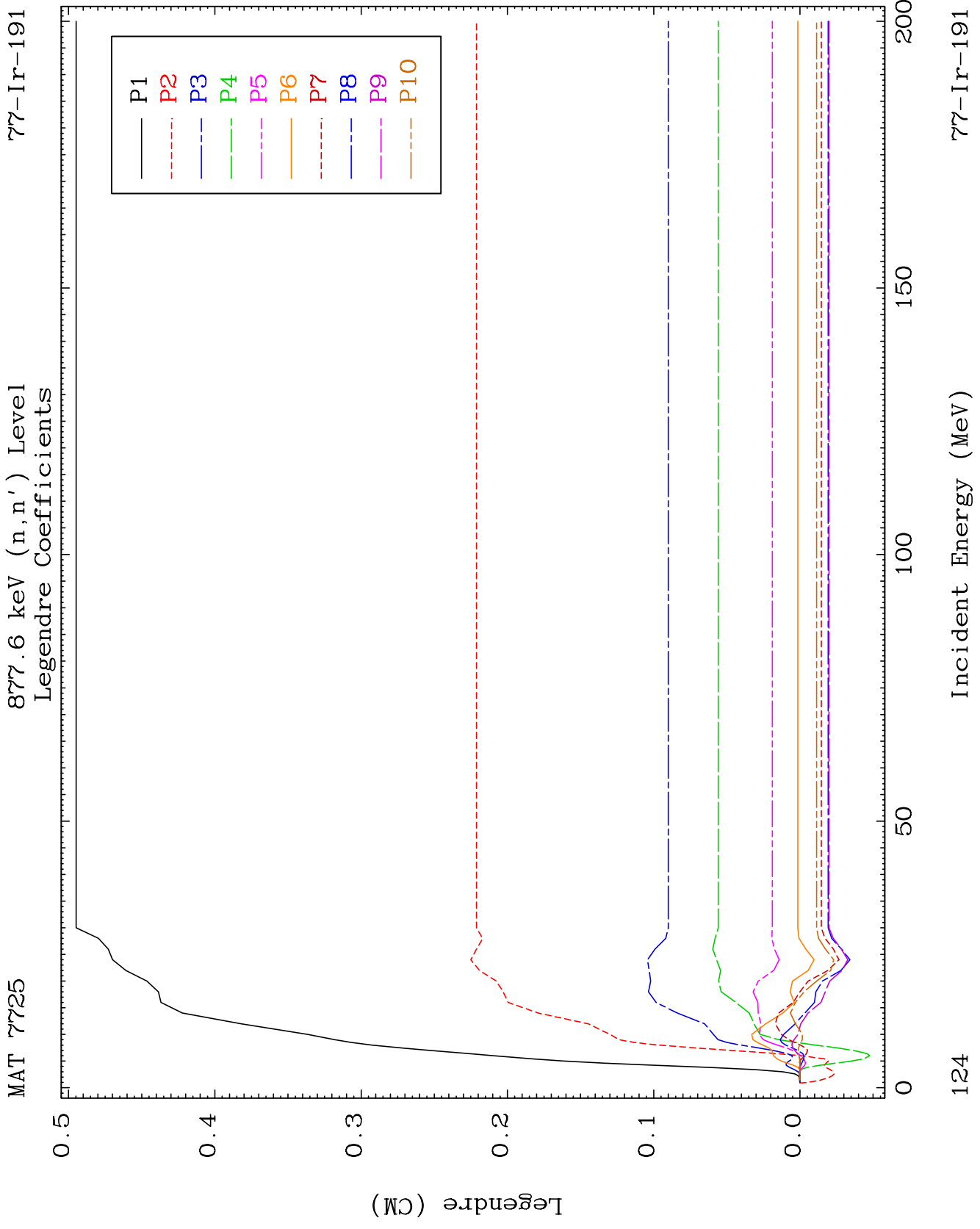
77-Ir-191

Incident Energy (MeV)

121



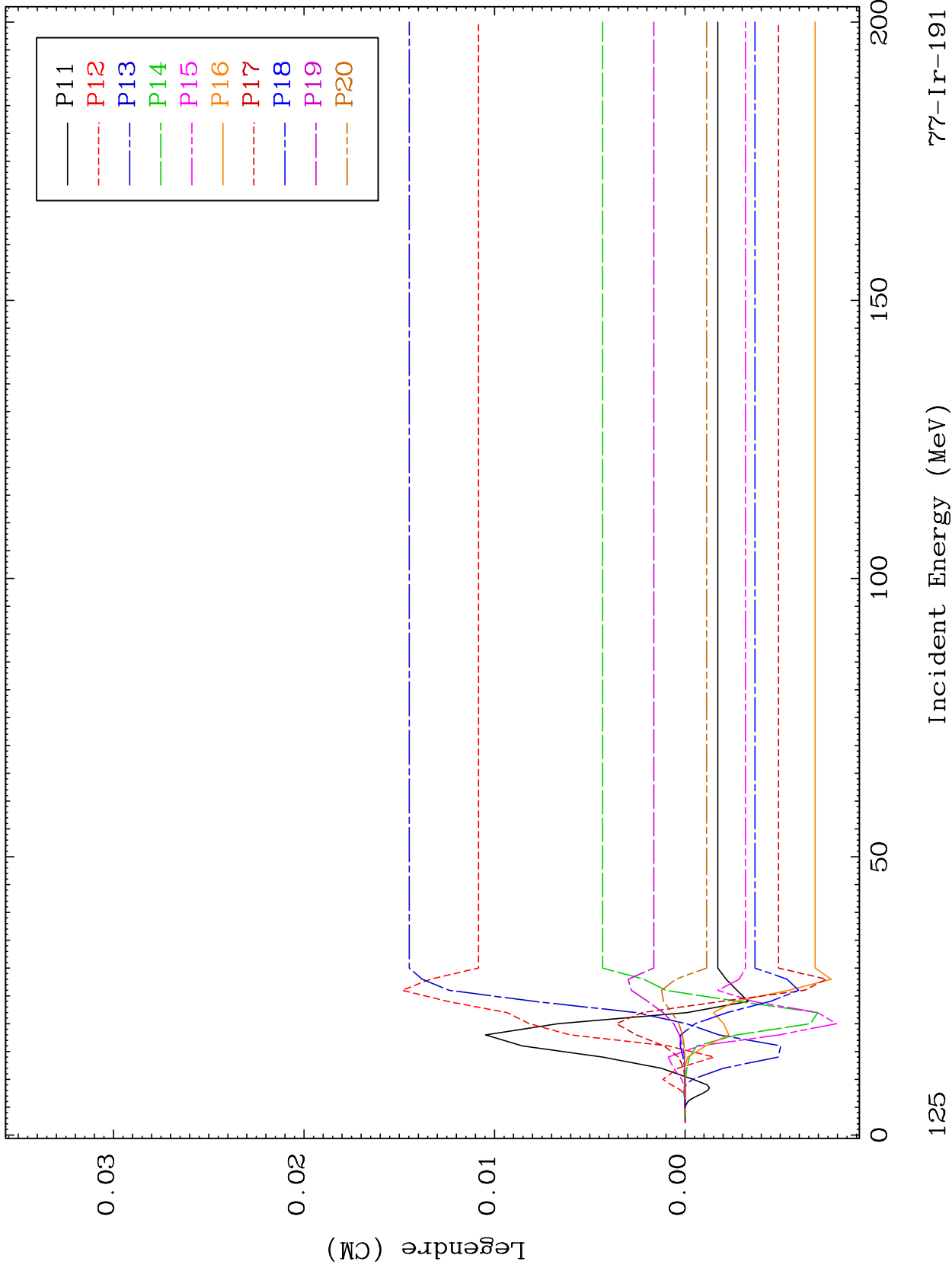




MAT 7725

877.6 keV (n,n') Level
Legendre Coefficients

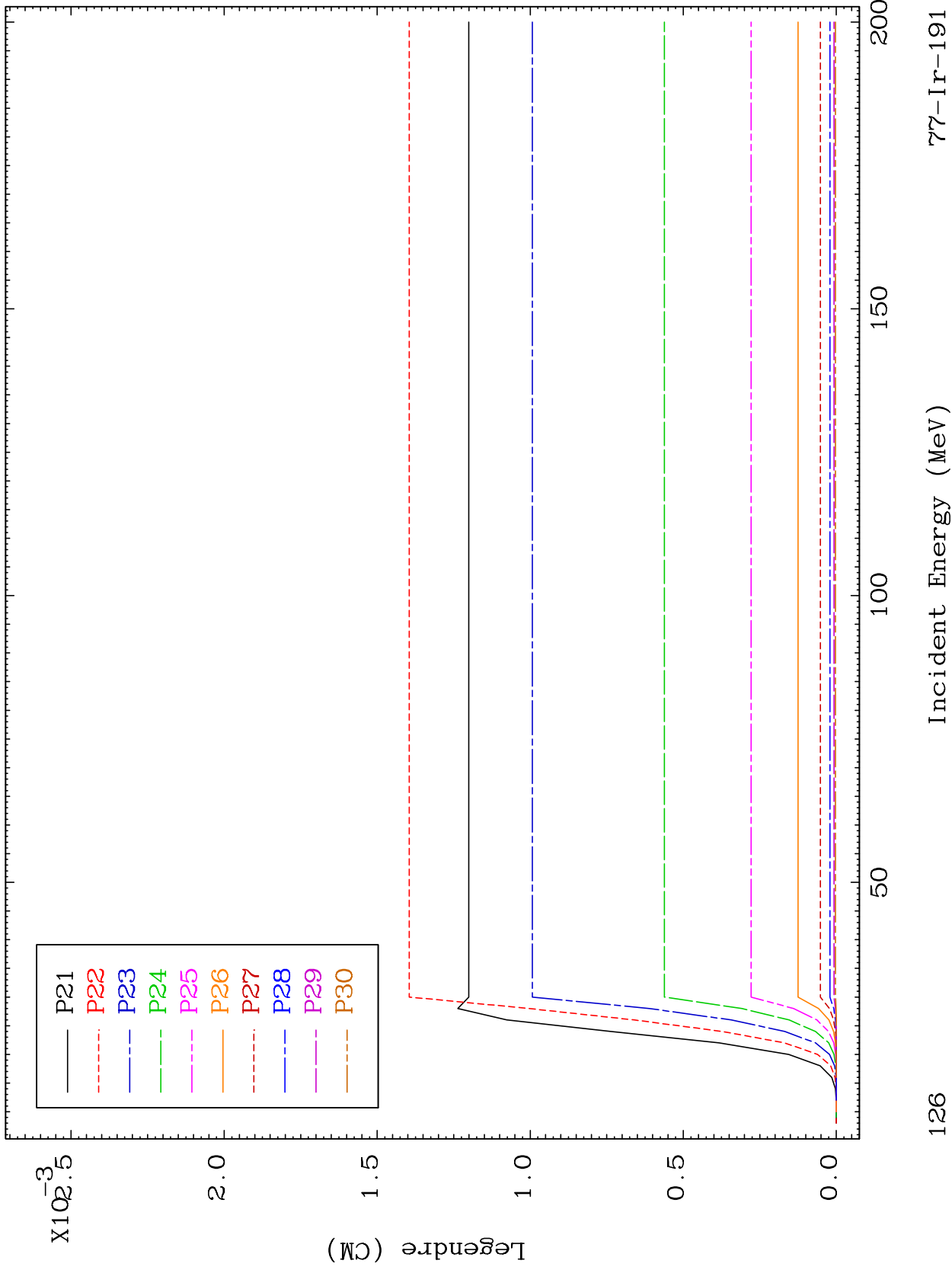
77-Ir-191

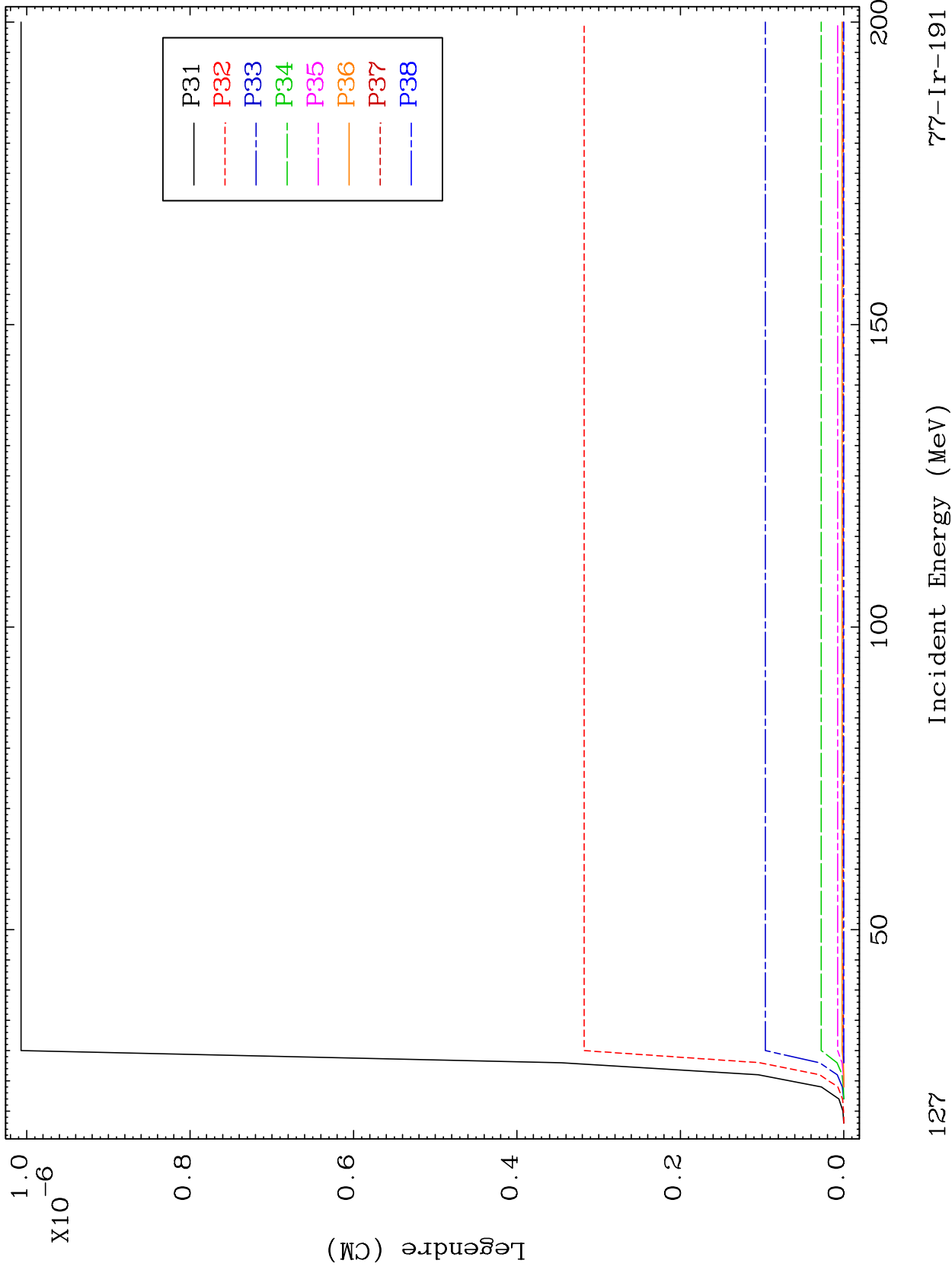


77-Ir-191

Incident Energy (MeV)

125

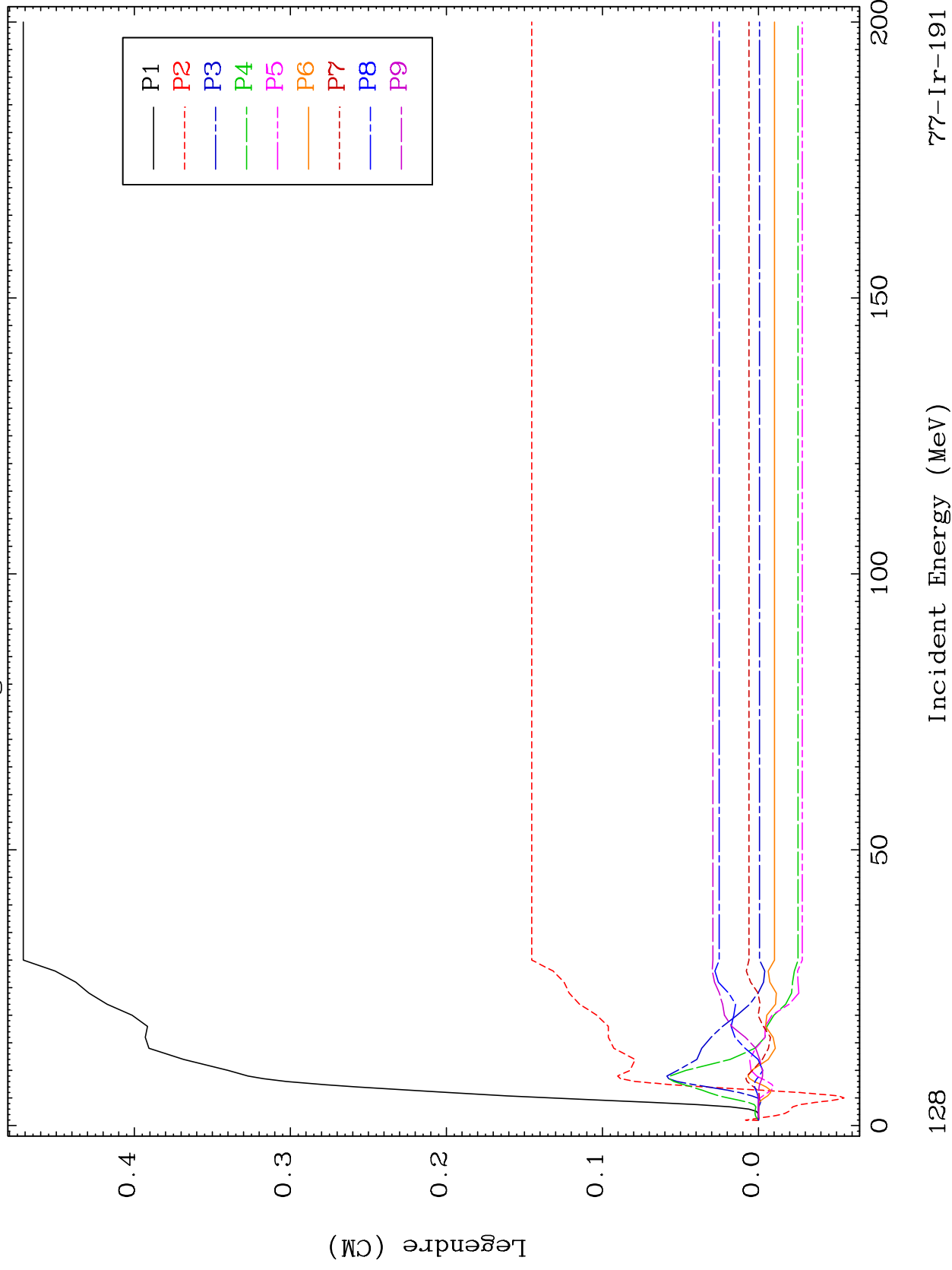




MAT 7725

919.1 keV (n,n') Level
Legendre Coefficients

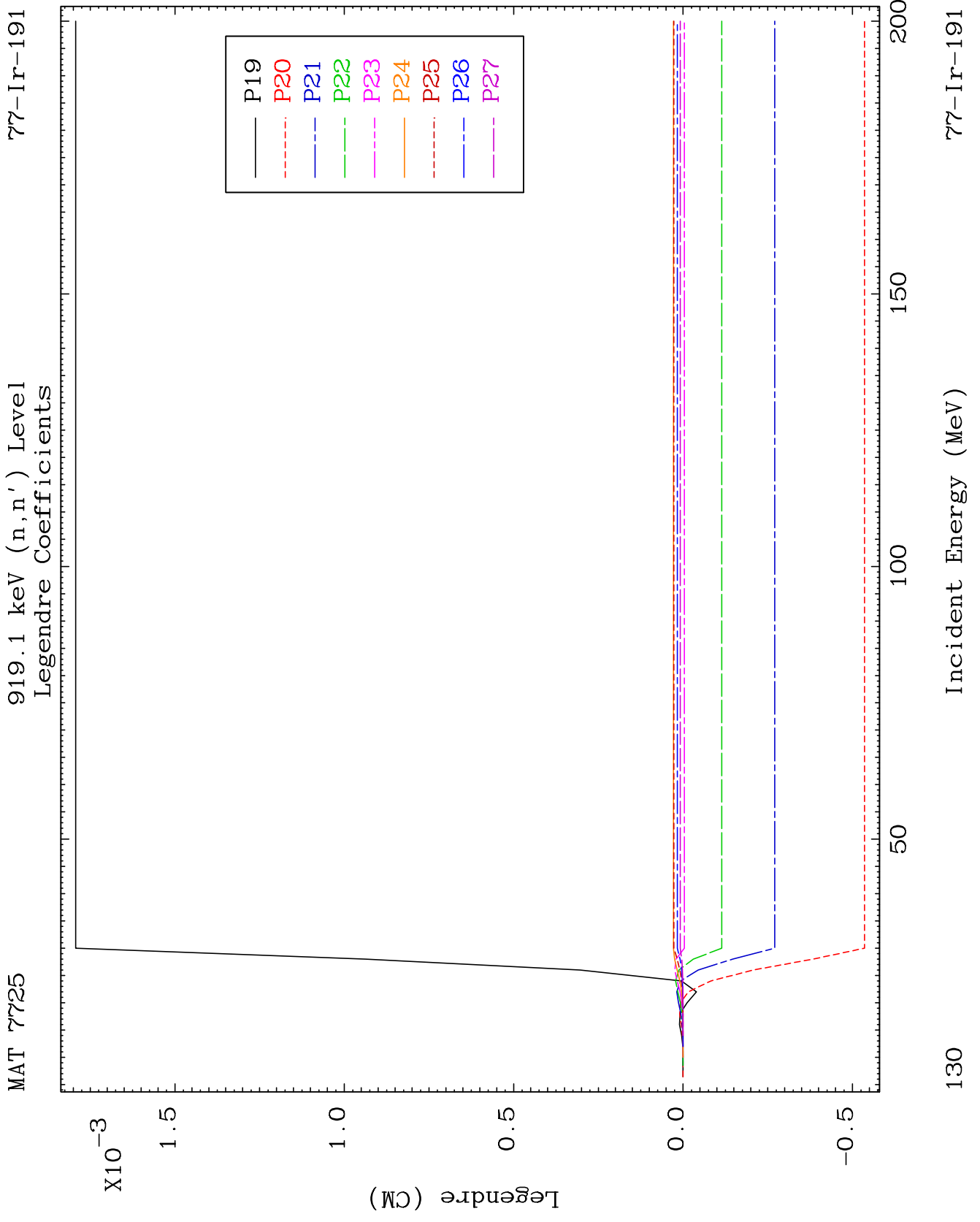
77-Ir-191



77-Ir-191

Incident Energy (MeV)

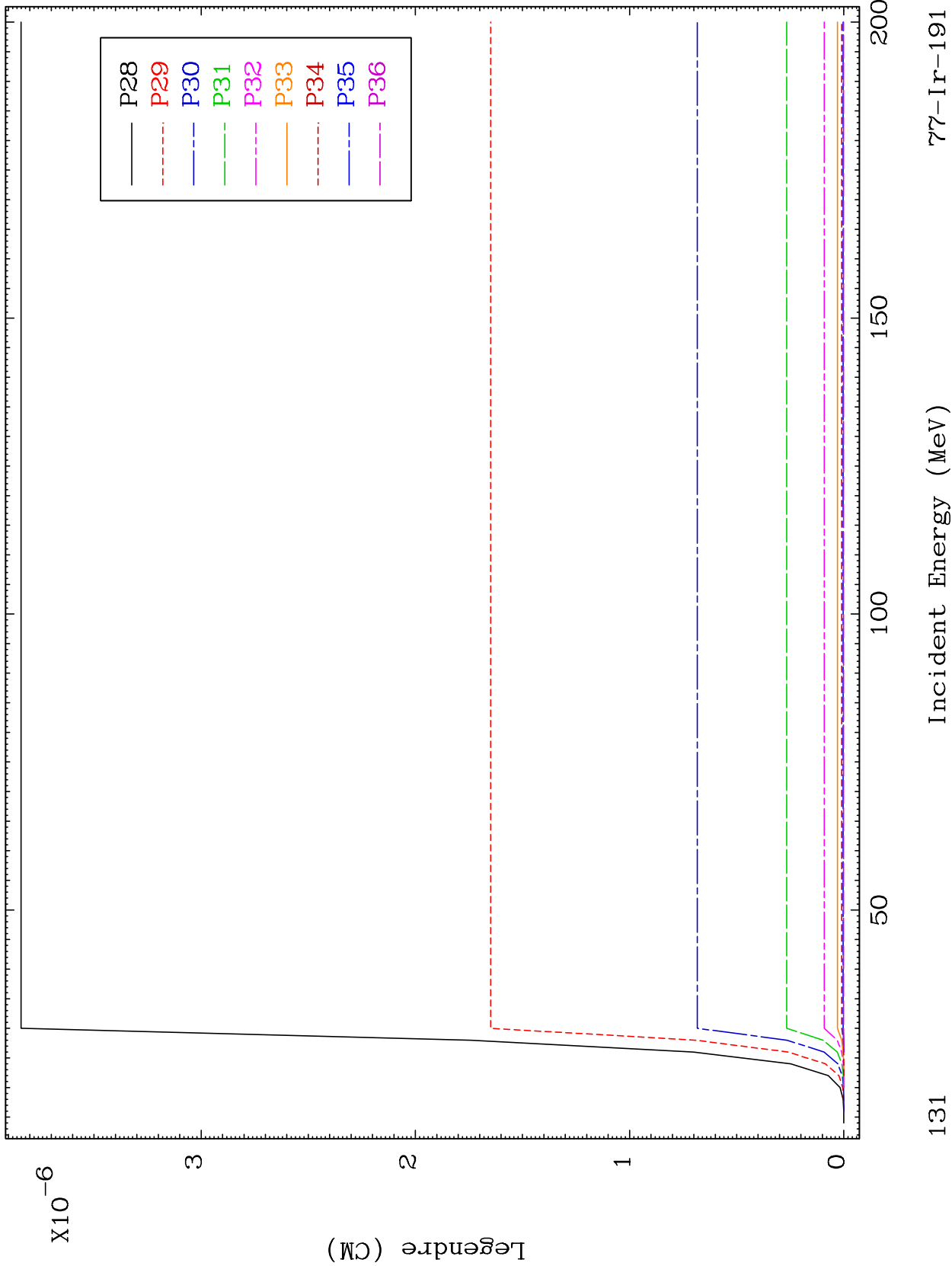
128



MAT 7725

919.1 keV (n,n') Level
Legendre Coefficients

77-Ir-191



131

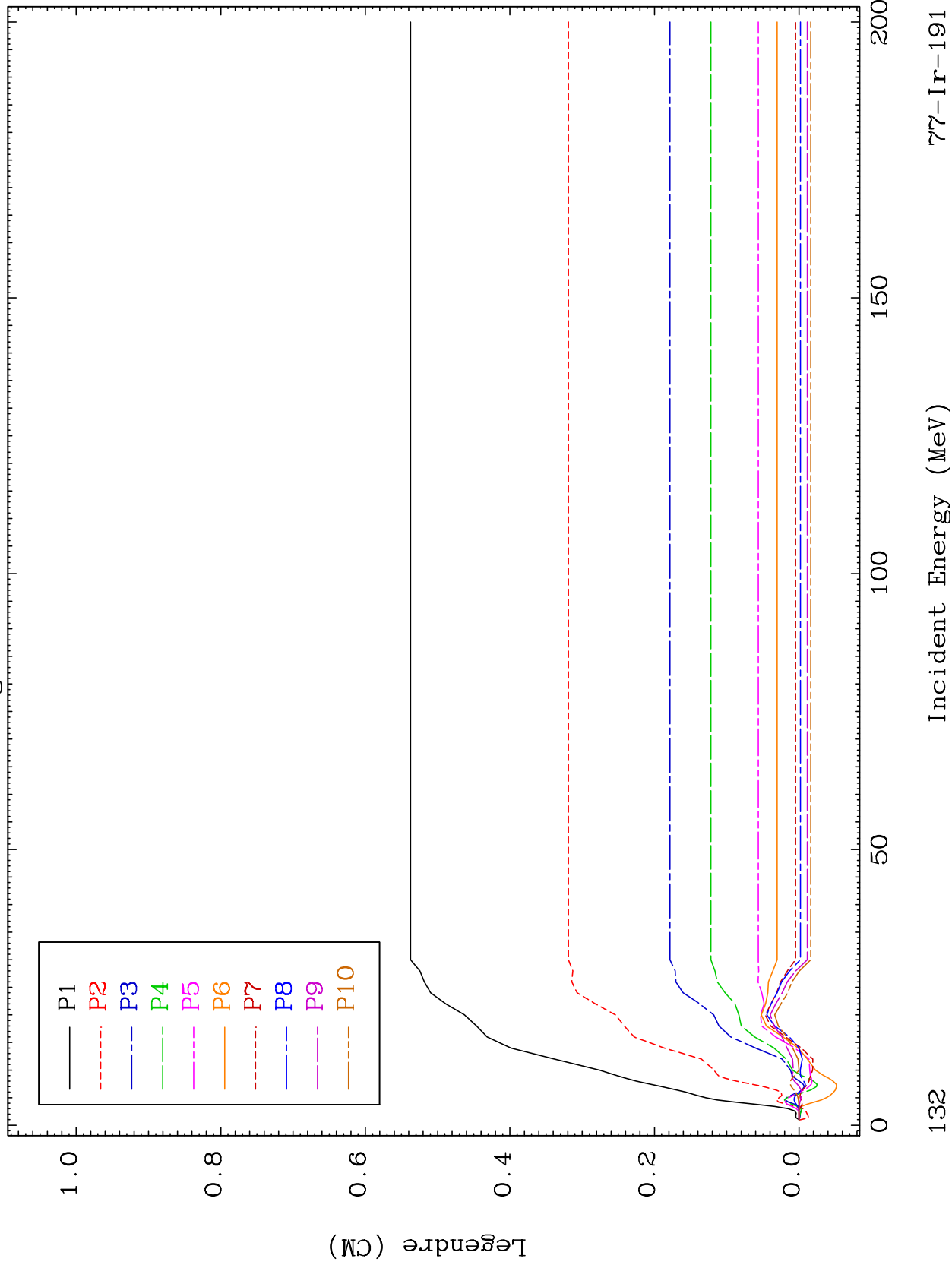
Incident Energy (MeV)

77-Ir-191

MAT 7725

927.8 keV (n,n') Level
Legendre Coefficients

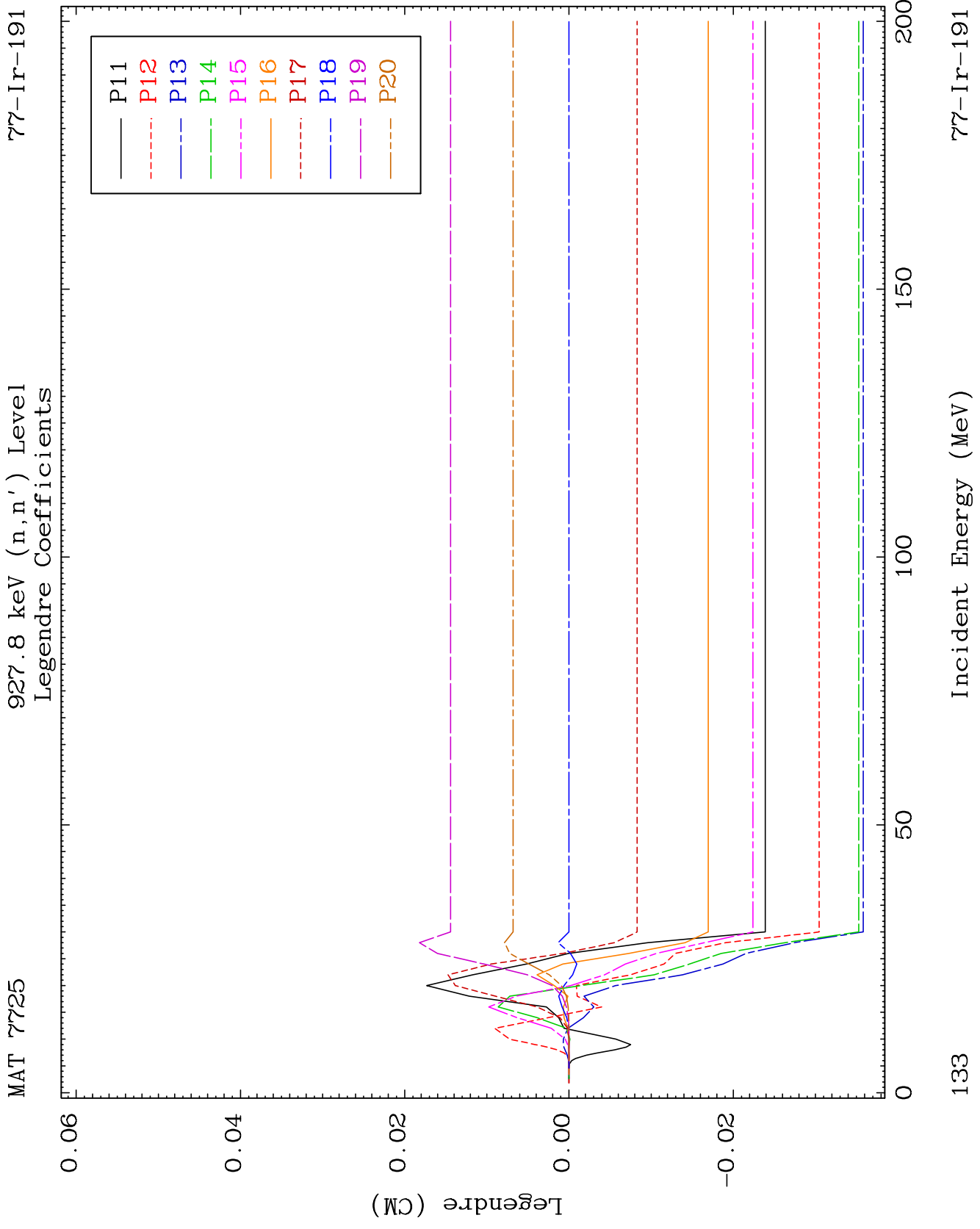
77-Ir-191



132

Incident Energy (MeV)

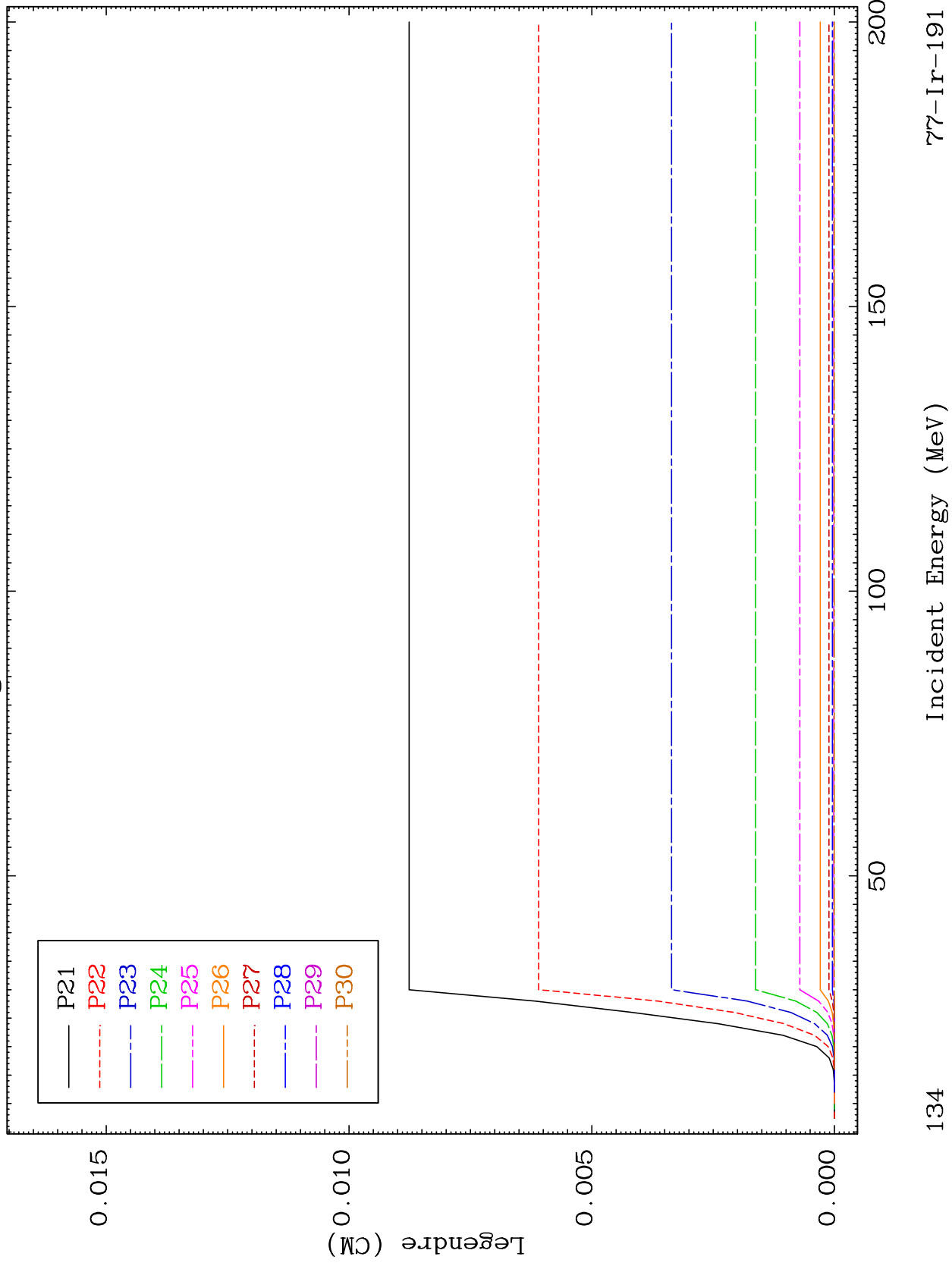
77-Ir-191



MAT 7725

927.8 keV (n,n') Level
Legendre Coefficients

77-Ir-191



134

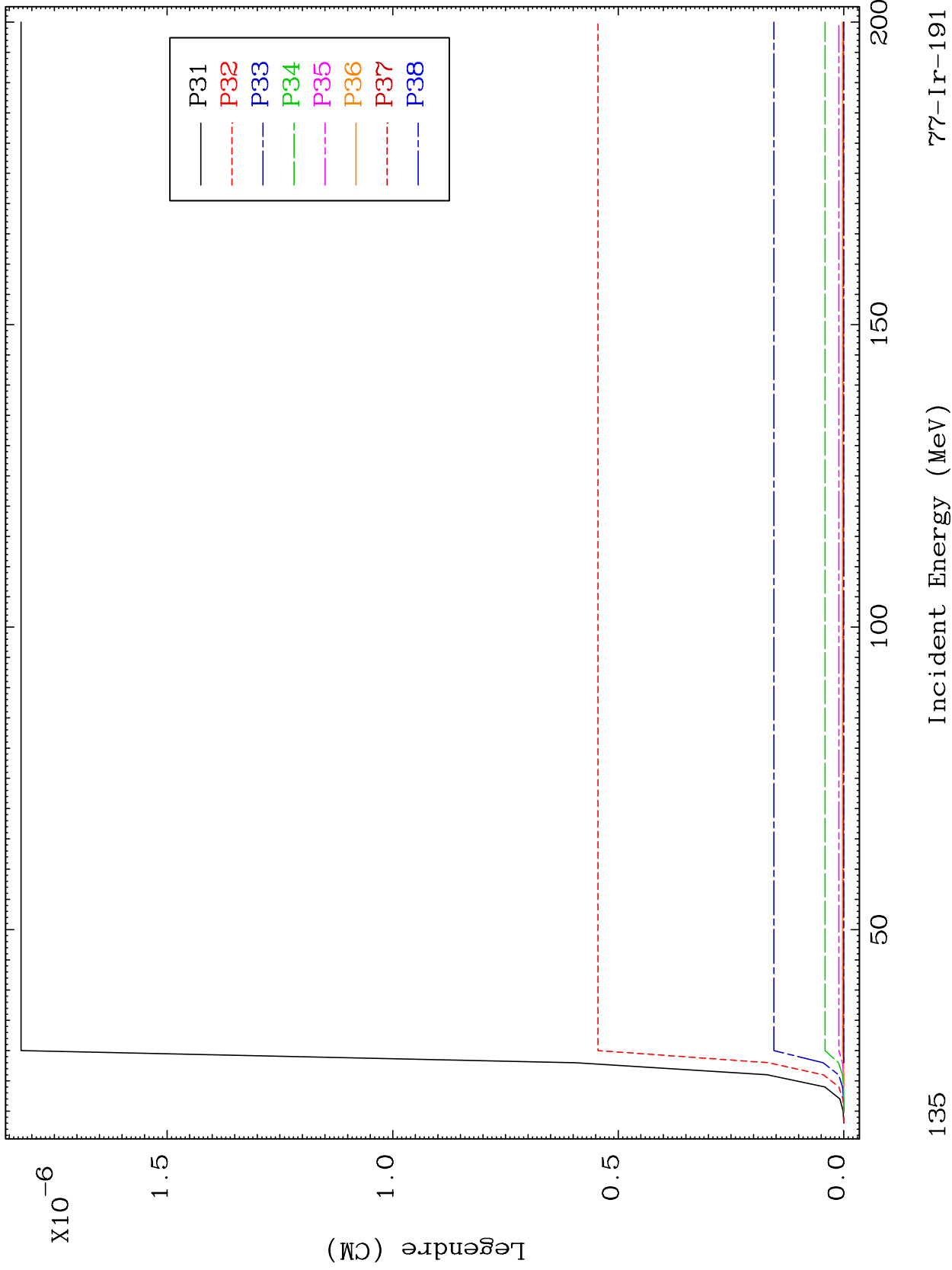
Incident Energy (MeV)

77-Ir-191

MAT 7725

927.8 keV (n,n') Level
Legendre Coefficients

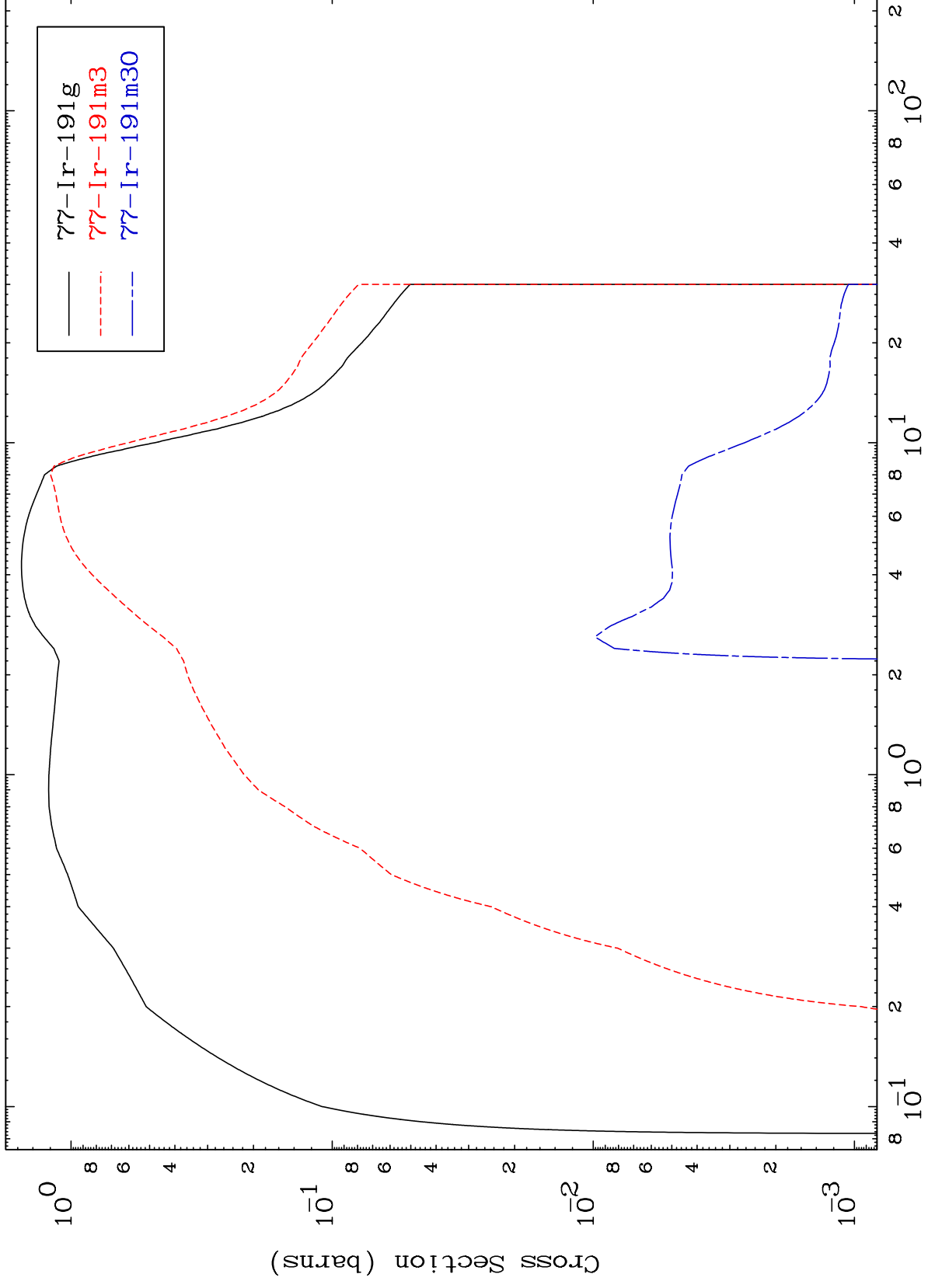
77-Ir-191



MAT 7725

77-Ir-191

Inelastic
Radionuclide Production Cross Section



136

Incident Energy (MeV)

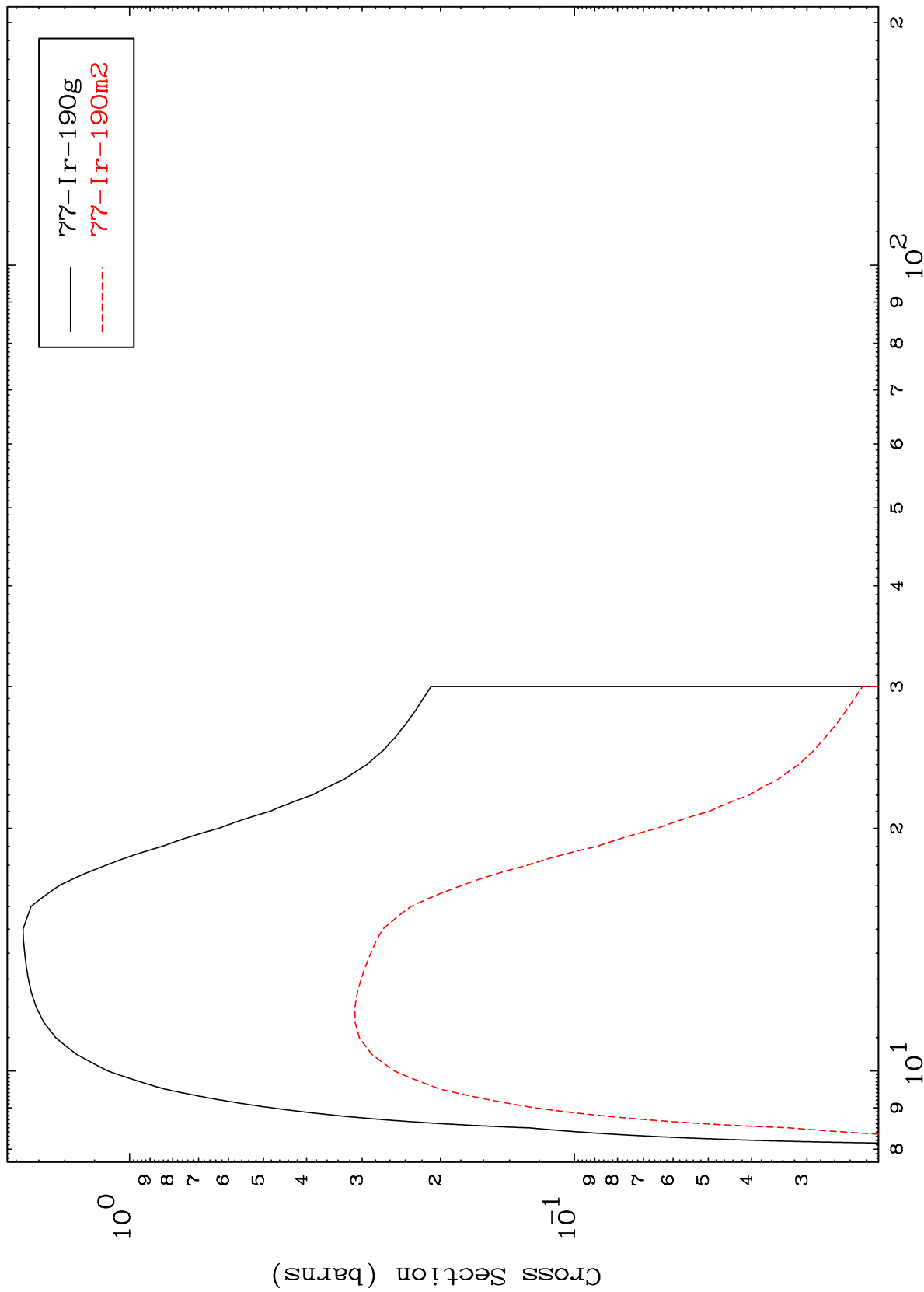
77-Ir-191

MAT 7725

77-Ir-191

(n,2n)

Radionuclide Production Cross Section



137

Incident Energy (MeV)

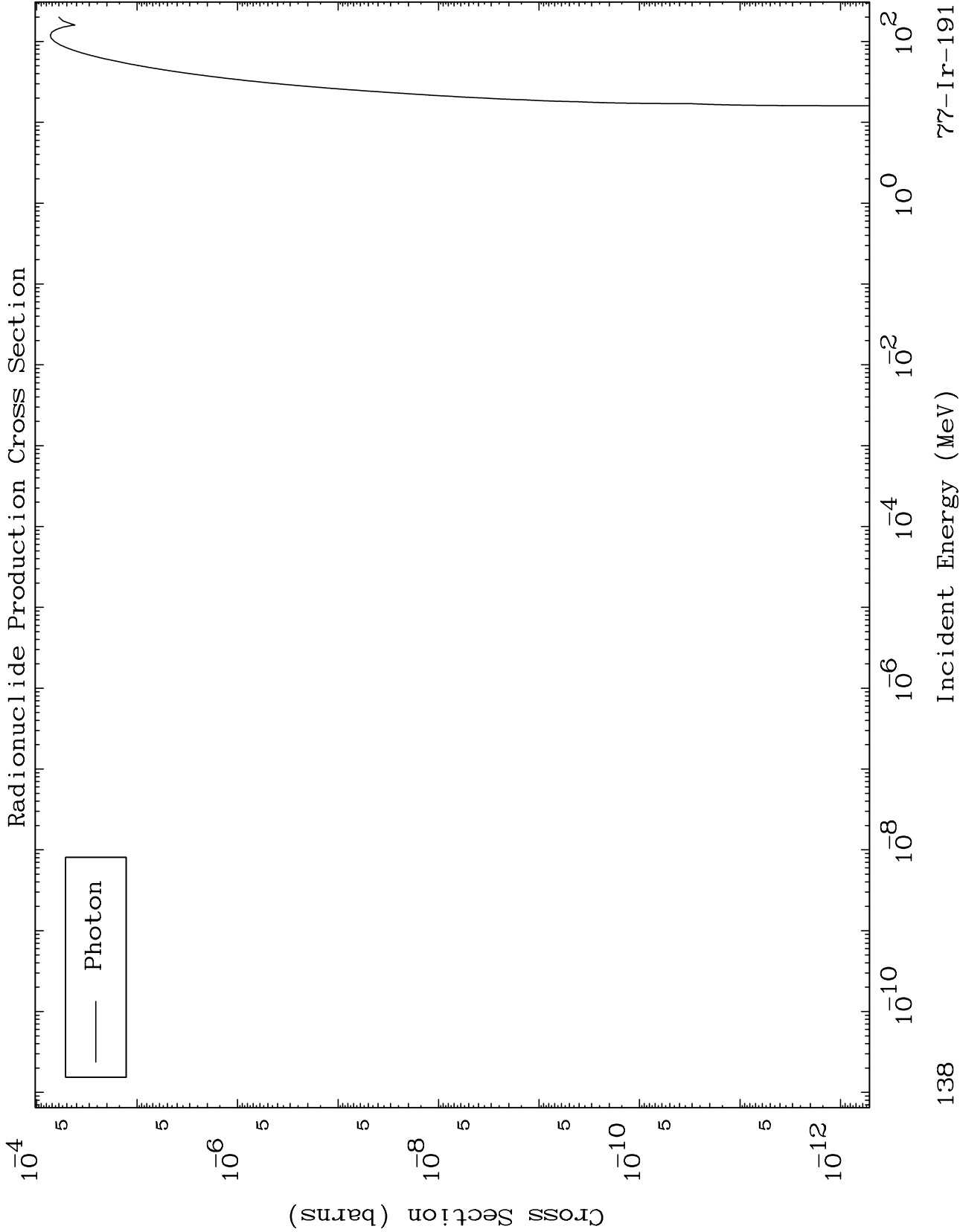
77-Ir-191

MAT 7725

Fission

⁷⁷Ir-191

Radionuclide Production Cross Section



138

Incident Energy (MeV)

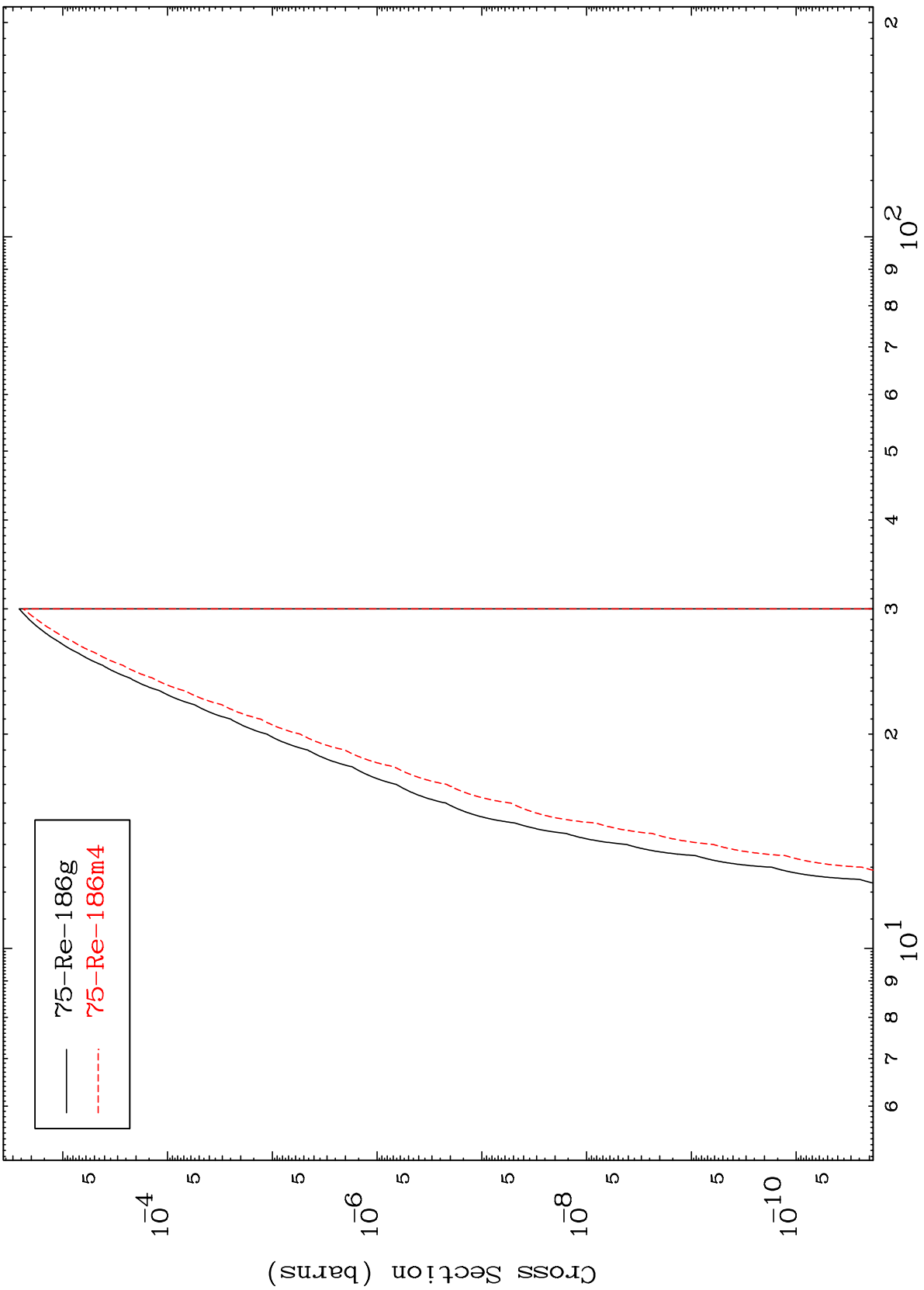
⁷⁷Ir-191

MAT 7725

$^{77}\text{Ir-191}$ α

$^{77}\text{Ir-191}$

Radionuclide Production Cross Section



139

Incident Energy (MeV)

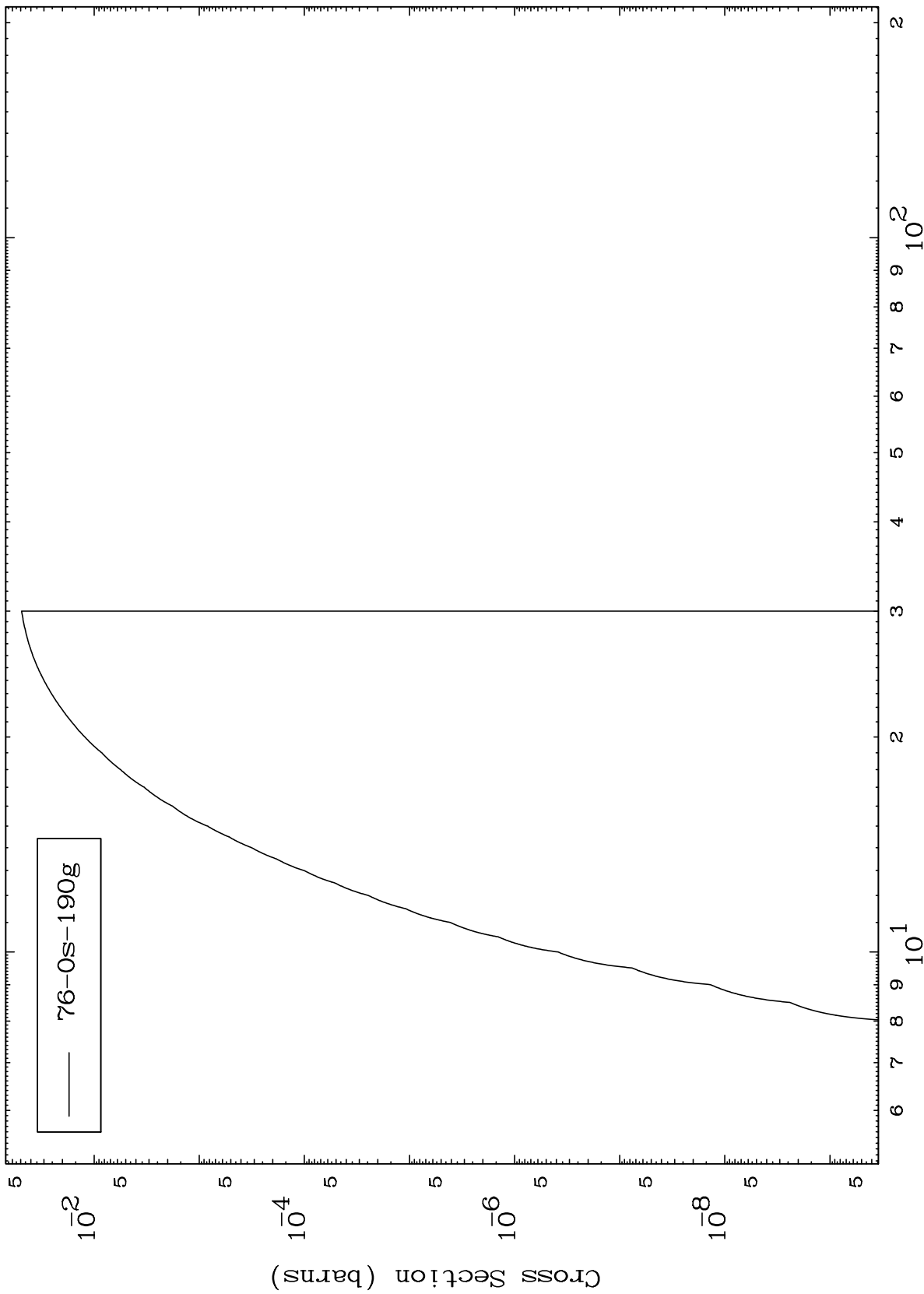
$^{77}\text{Ir-191}$

MAT 7725

(n,n') p

77-Ir-191

Radionuclide Production Cross Section



140

Incident Energy (MeV)

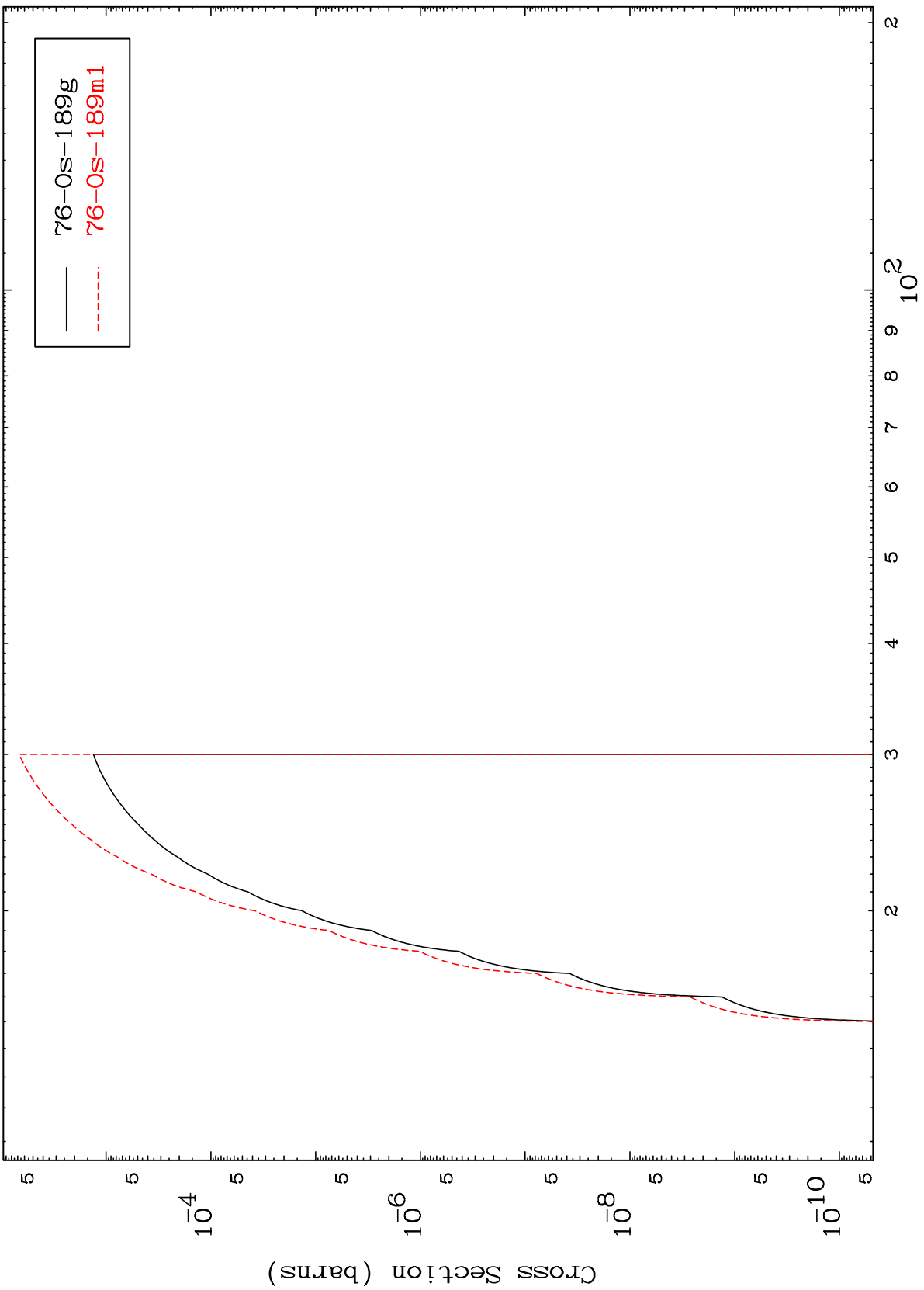
77-Ir-191

MAT 7725

(n,n') d

77-Ir-191

Radionuclide Production Cross Section



141

Incident Energy (MeV)

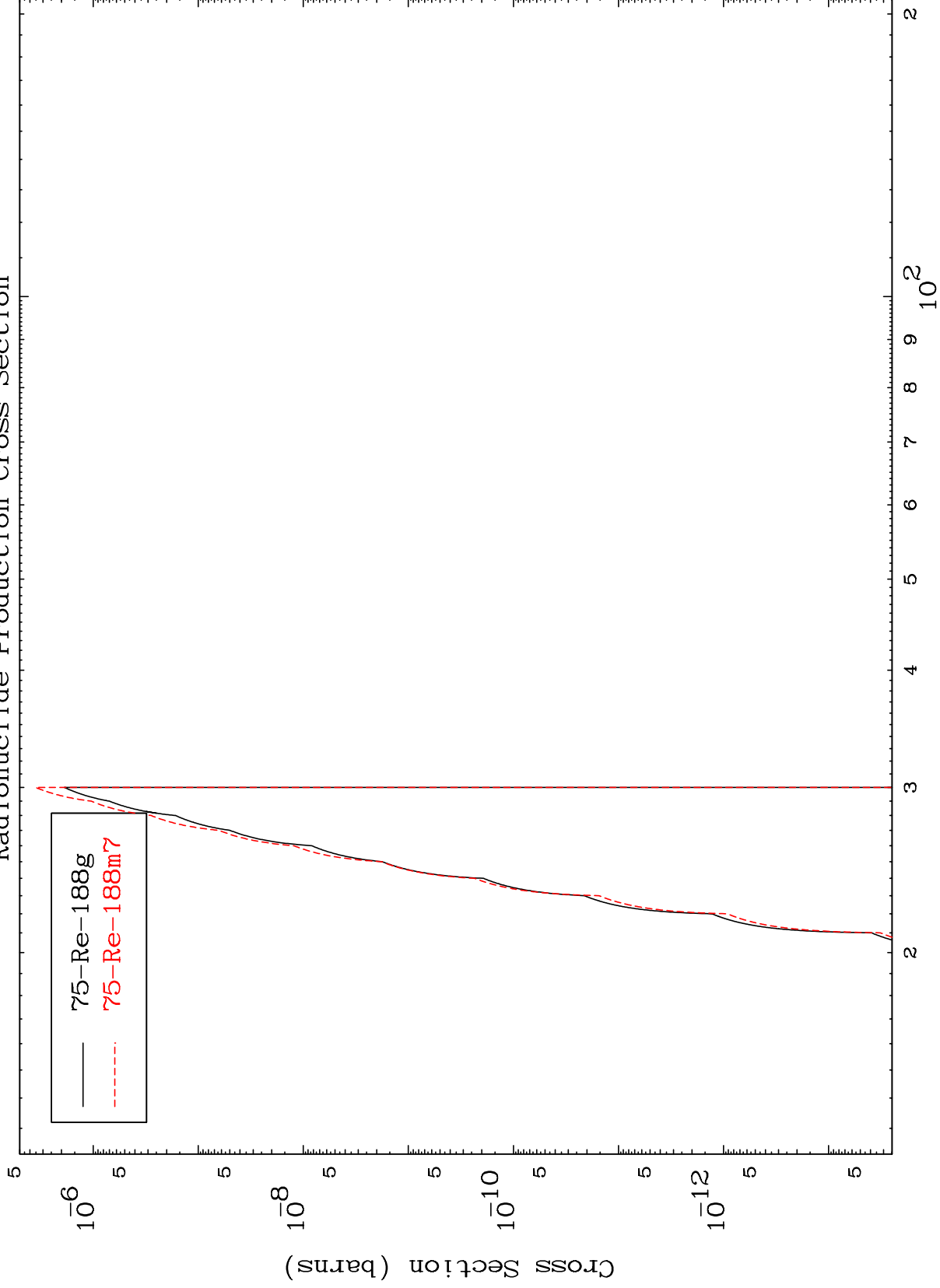
77-Ir-191

MAT 7725

(n,n') He-3

77-Ir-191

Radionuclide Production Cross Section



142

Incident Energy (MeV)

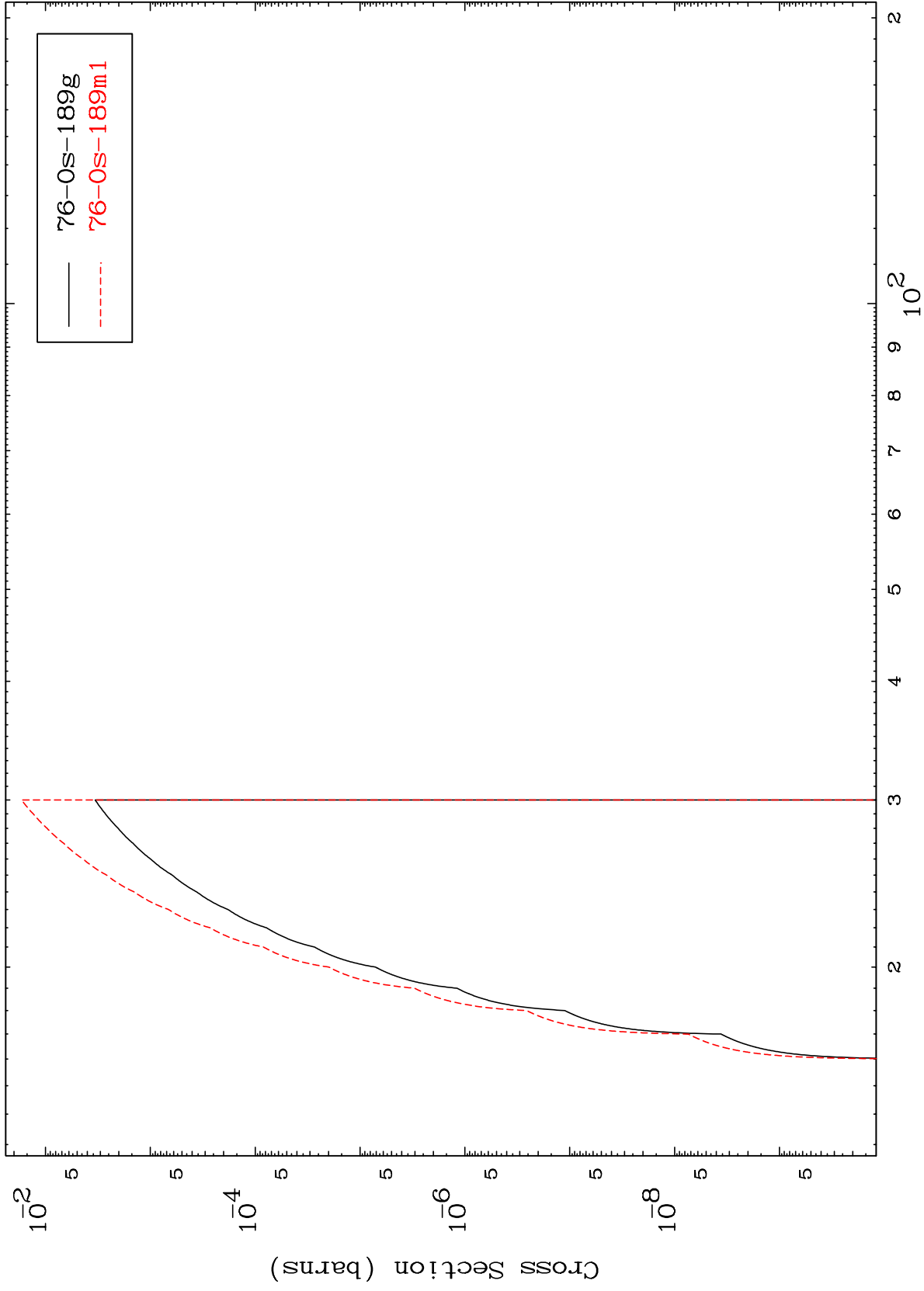
77-Ir-191

MAT 7725

77-Ir-191

(n,2n) p

Radionuclide Production Cross Section



143

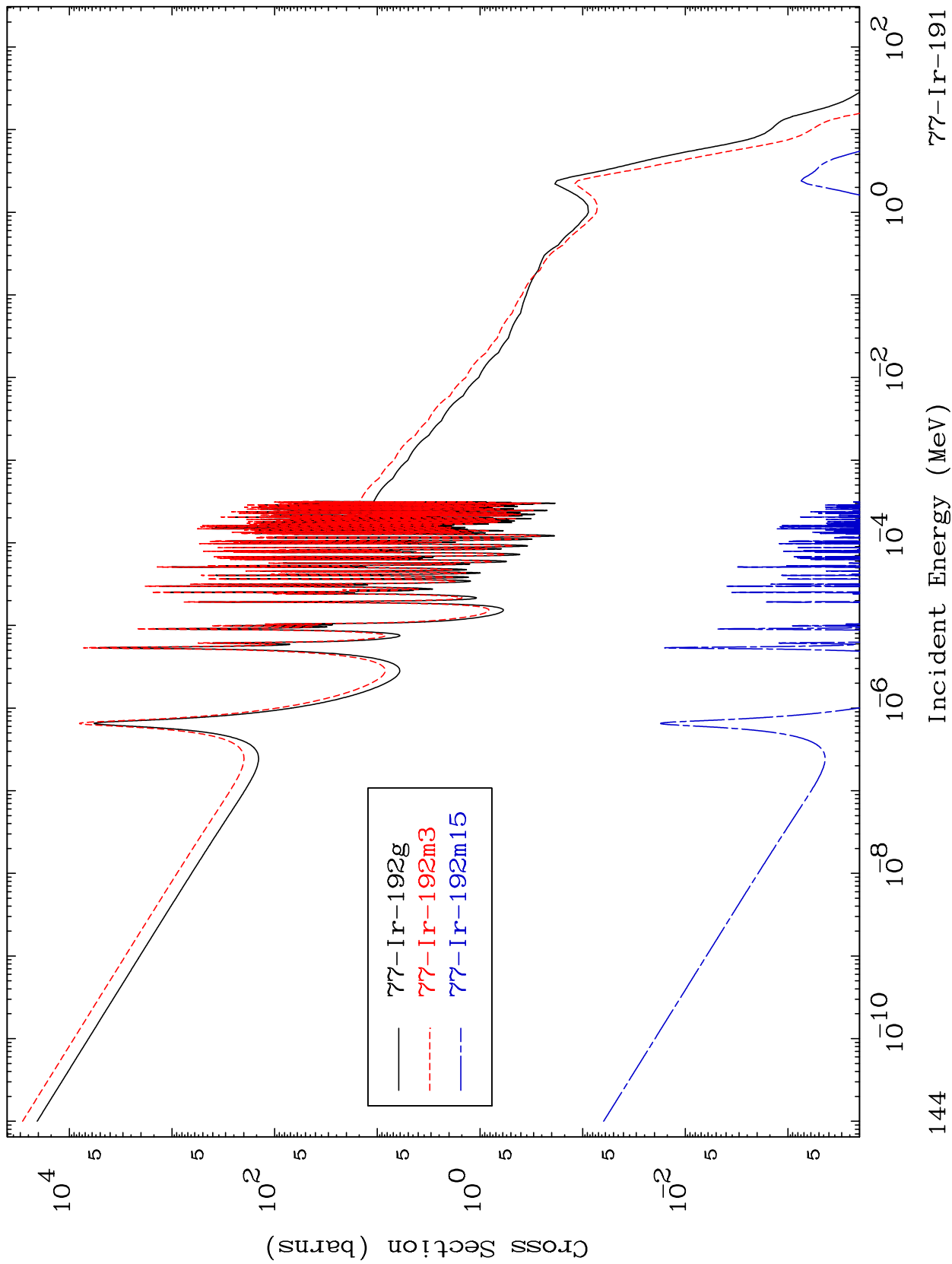
Incident Energy (MeV)

77-Ir-191

MAT 7725

⁷⁷Ir-191

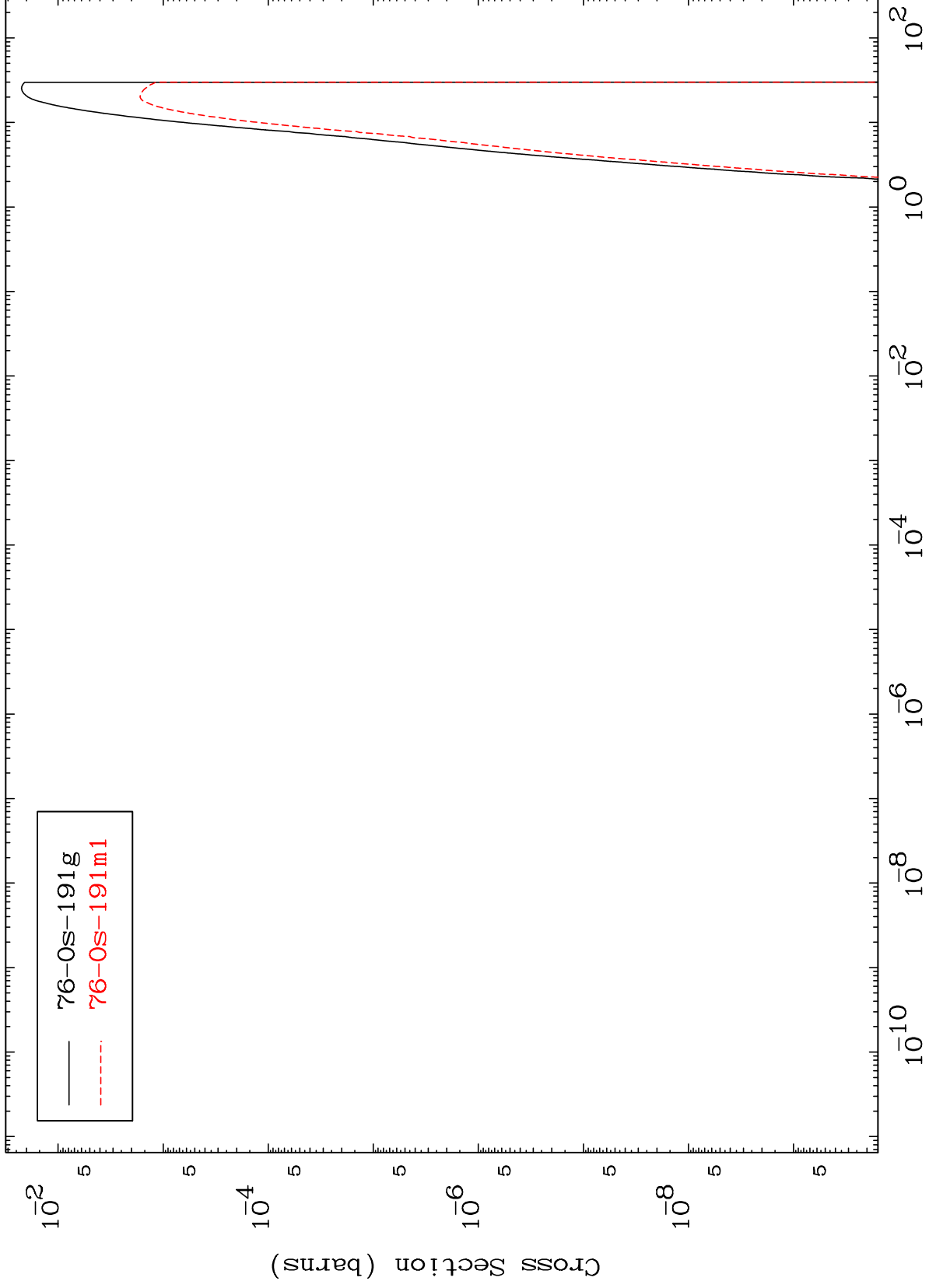
Radionuclide Production Cross Section



MAT 7725

⁷⁷Ir-191

(n,p)
Radionuclide Production Cross Section



— 76-Os-191g
- - - 76-Os-191m1

⁷⁷Ir-191

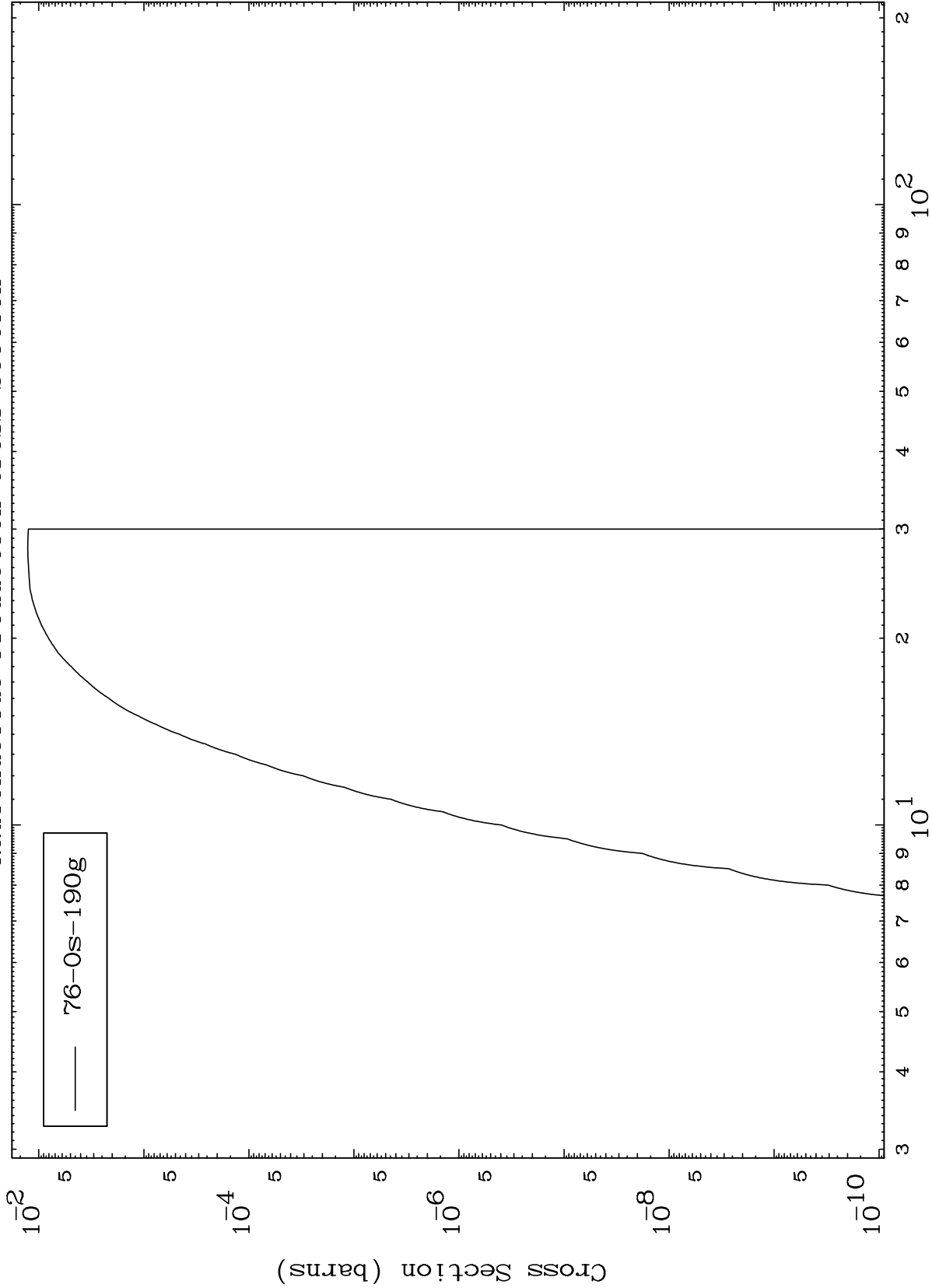
Incident Energy (MeV)

145

MAT 7725

77-Ir-191

(n,d)
Radionuclide Production Cross Section

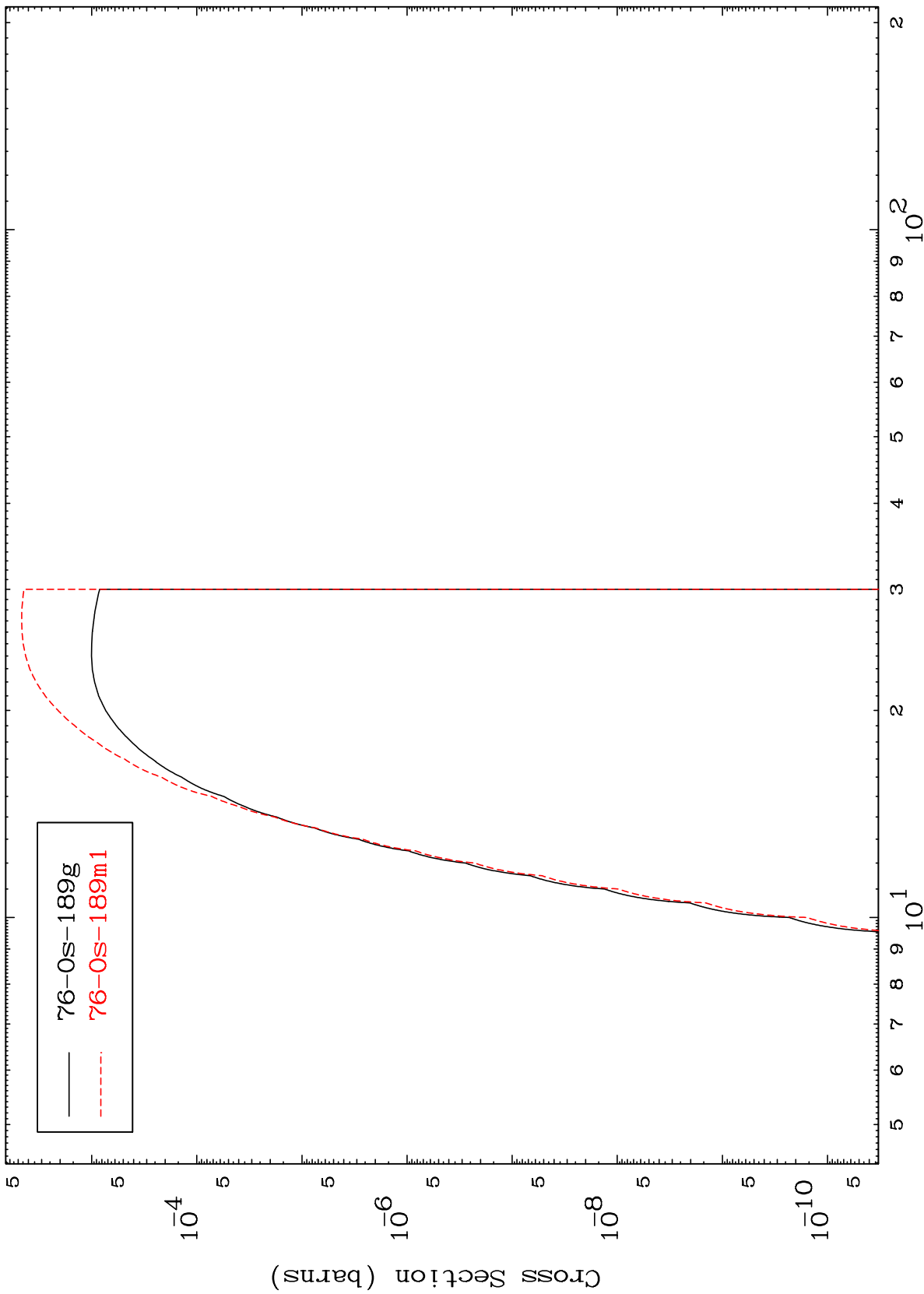


77-Ir-191

Incident Energy (MeV)

146

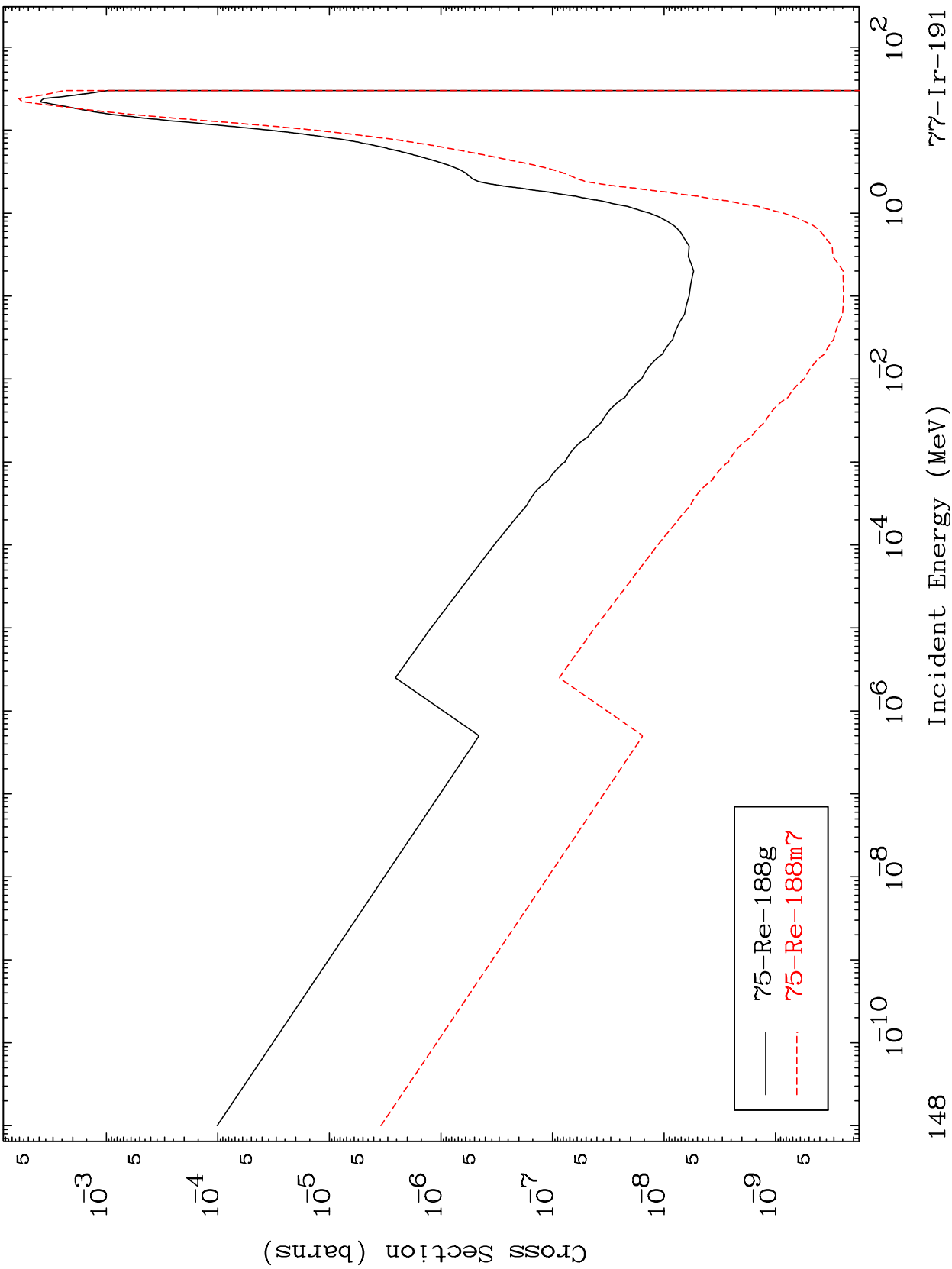
(n, t)
Radionuclide Production Cross Section

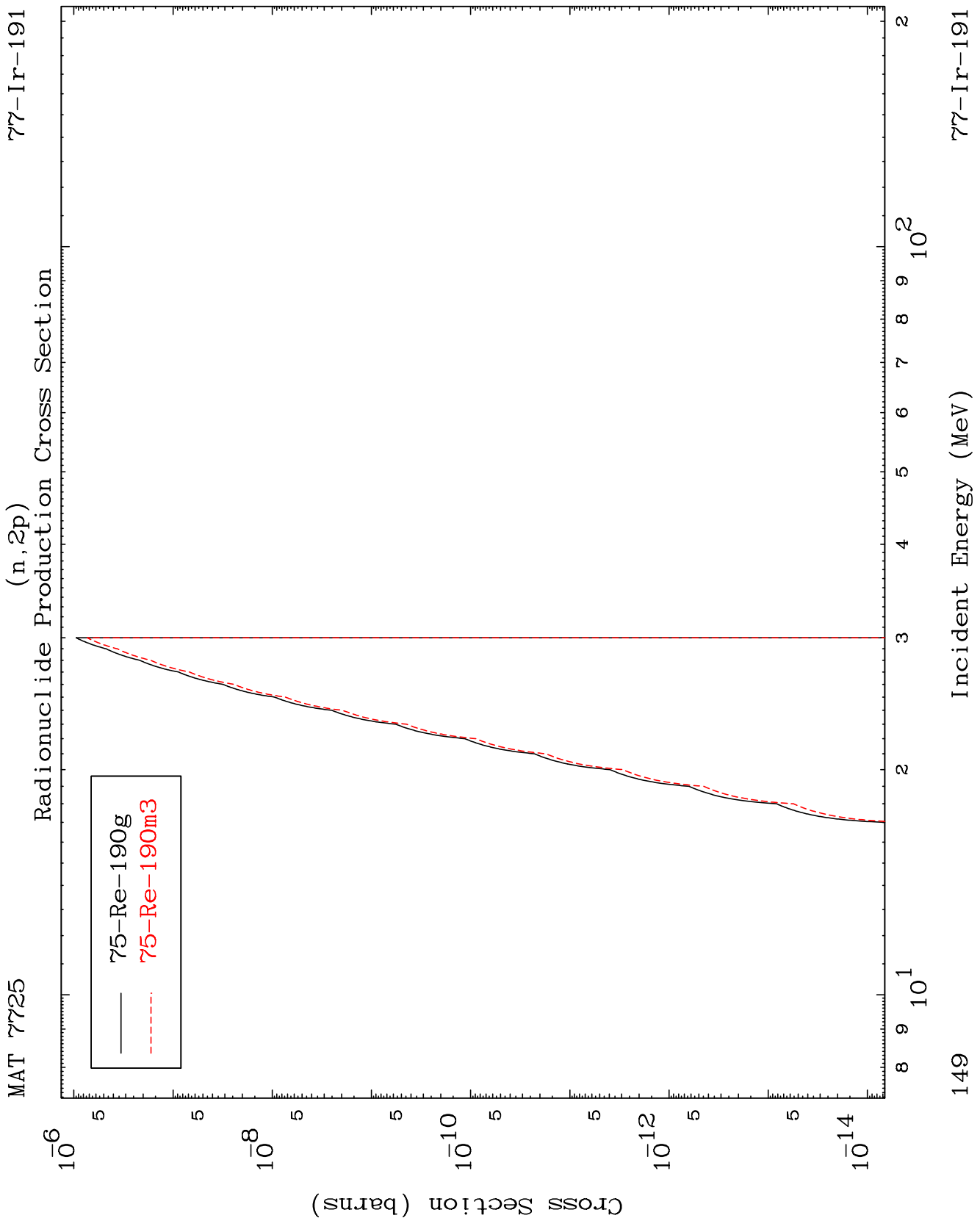


MAT 7725

77-Ir-191

Radionuclide Production Cross Section





Radionuclide Production Cross Section

