

Program EVALPLOT
(Version 2015-2)

by

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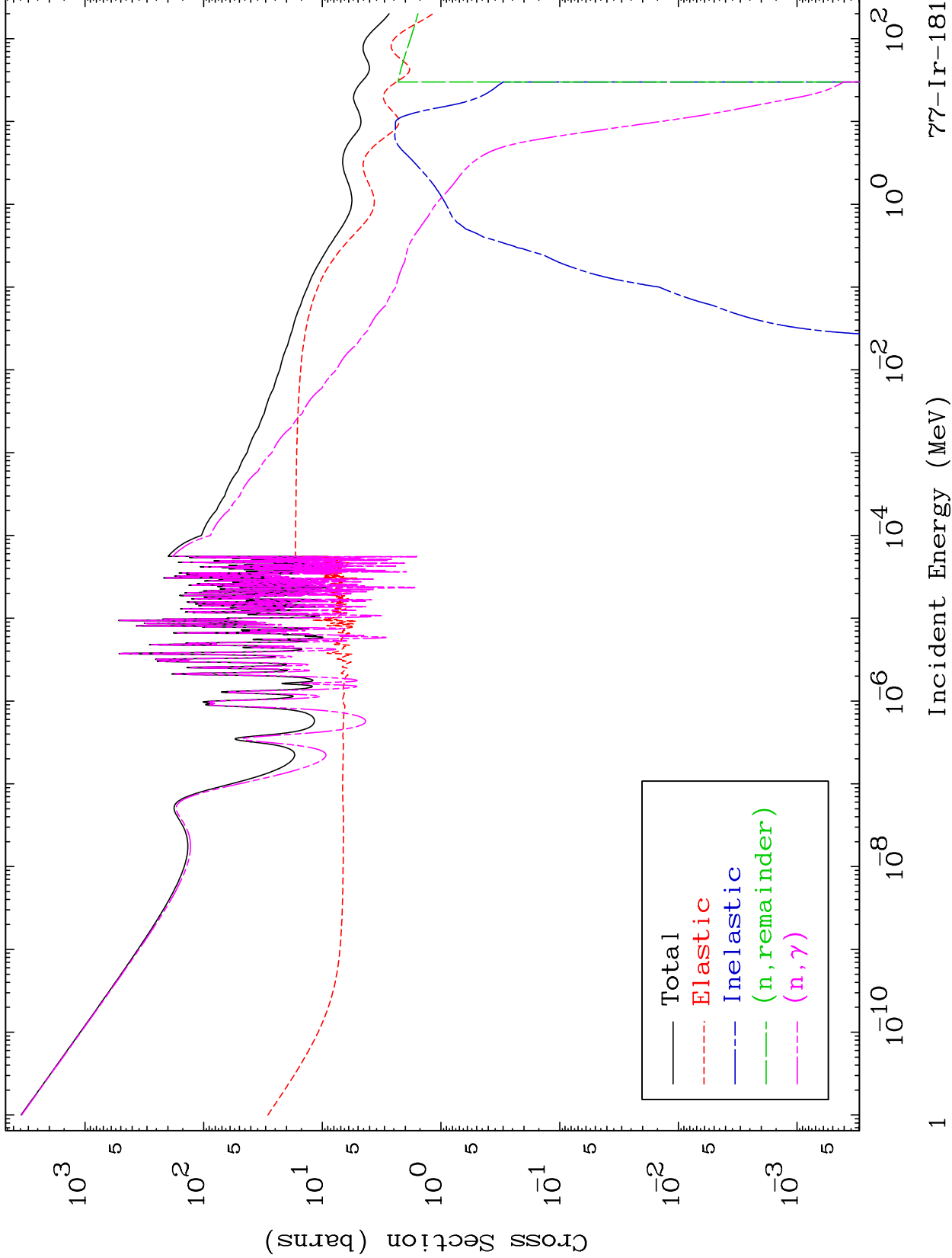
Press Mouse Button to Start

MAT 7695

Major

293 Kelvin Cross Sections

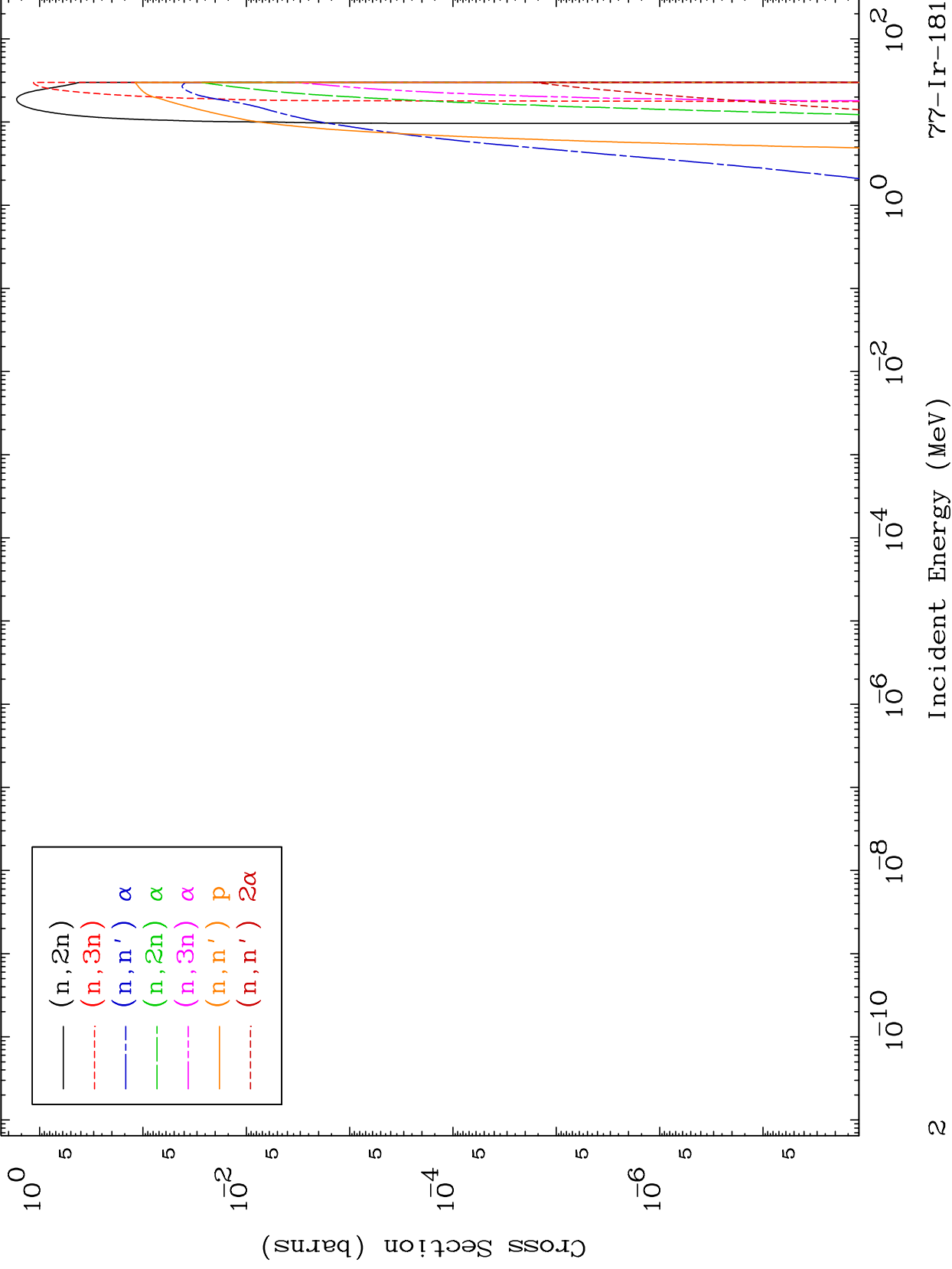
⁷⁷Ir-181



MAT 7695

Neutron Production
293 Kelvin Cross Sections

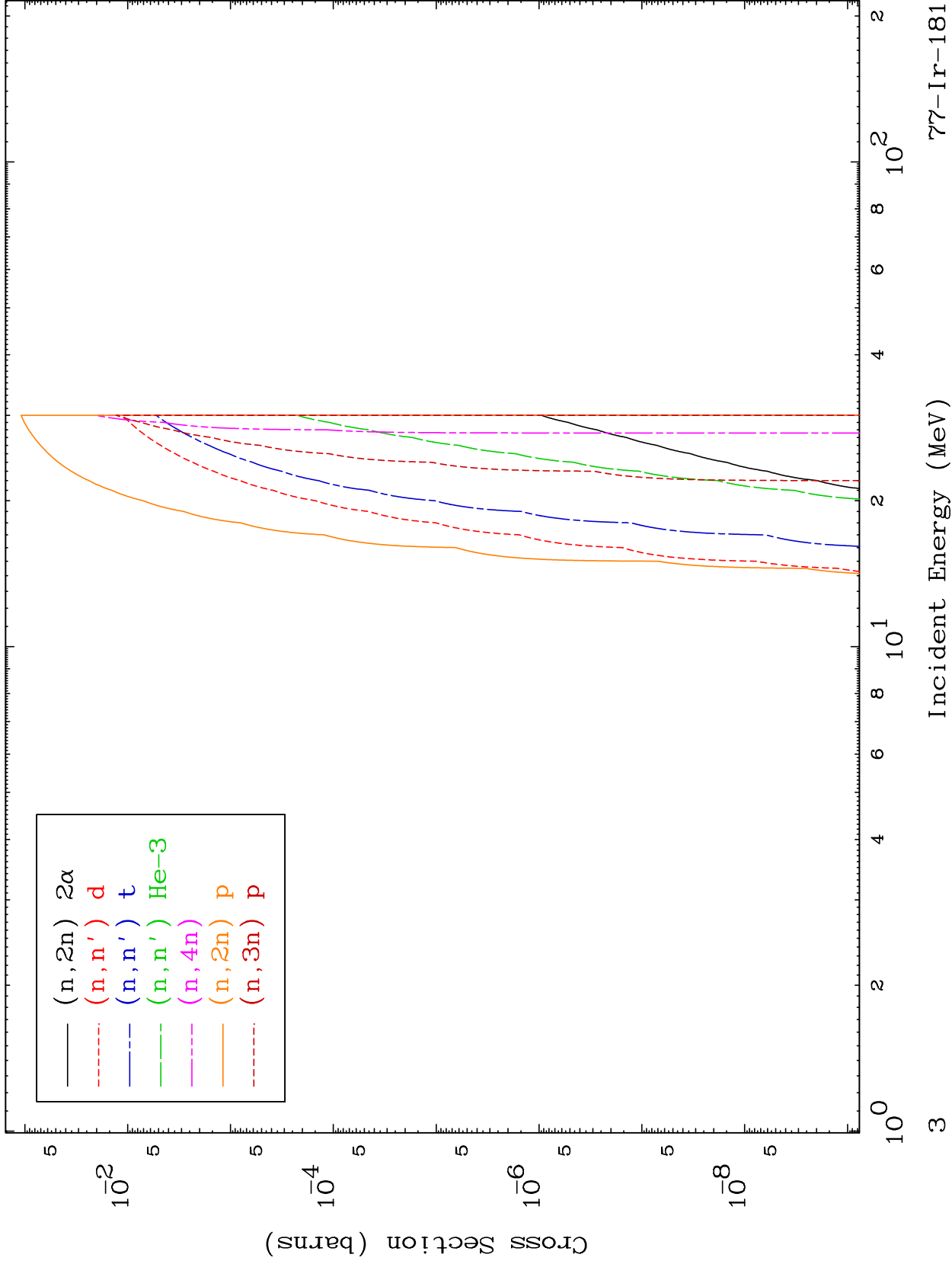
77-Ir-181



MAT 7695

Neutron Production
293 Kelvin Cross Sections

77-Ir-181



77-Ir-181

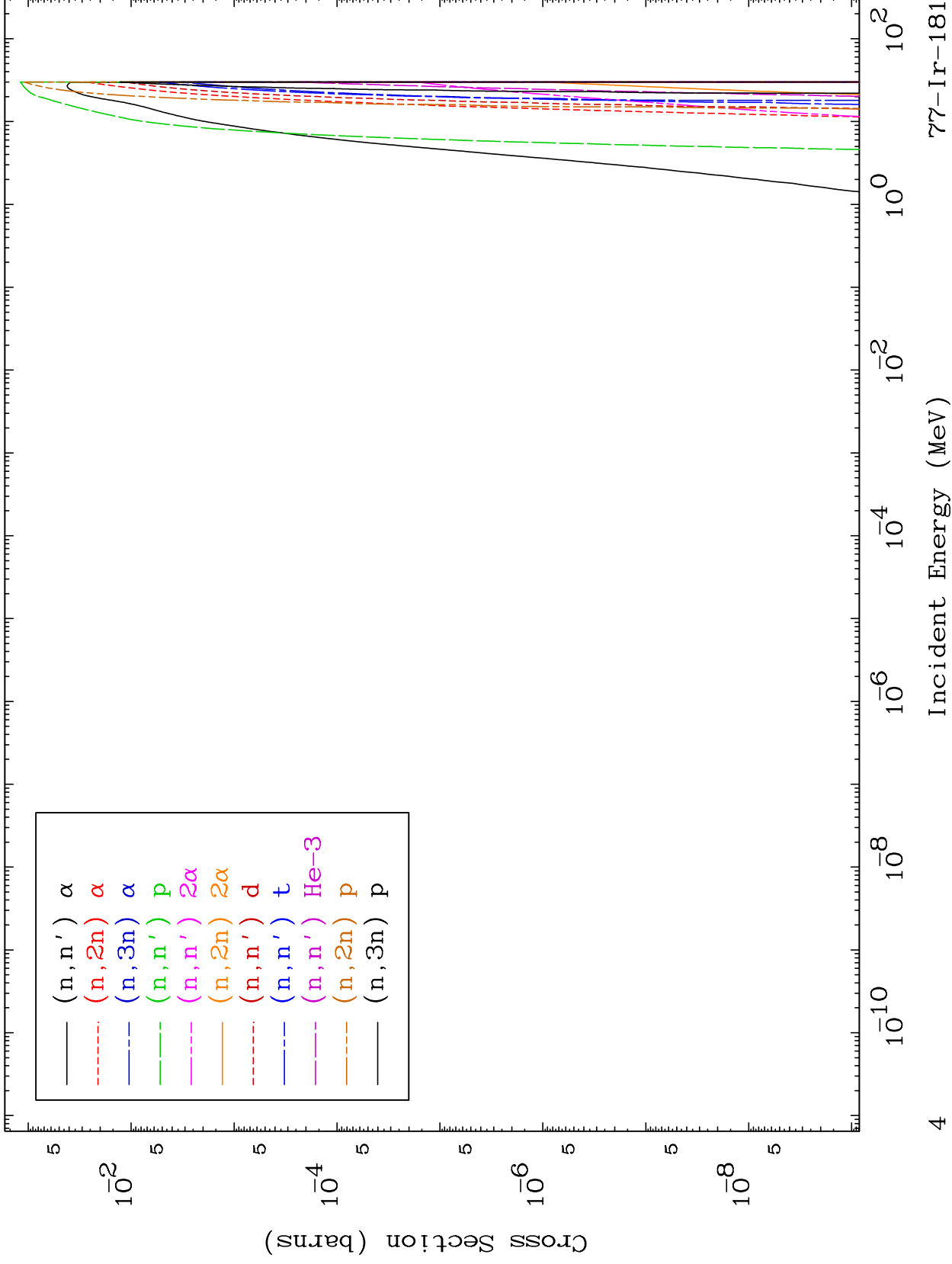
Incident Energy (MeV)

3

MAT 7695

Charged Particle
293 Kelvin Cross Sections

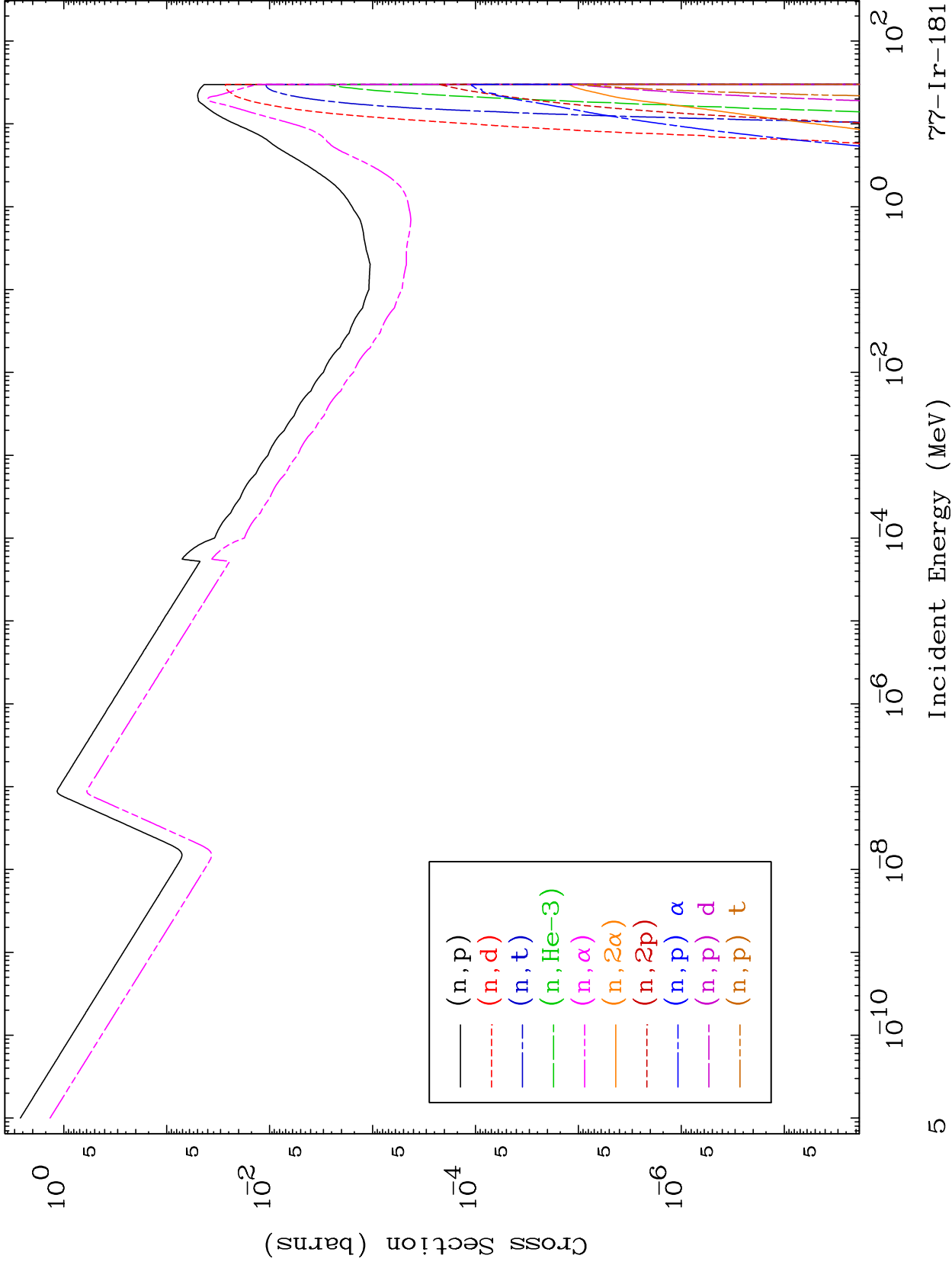
⁷⁷Ir-181



MAT 7695

Charged Particle
293 Kelvin Cross Sections

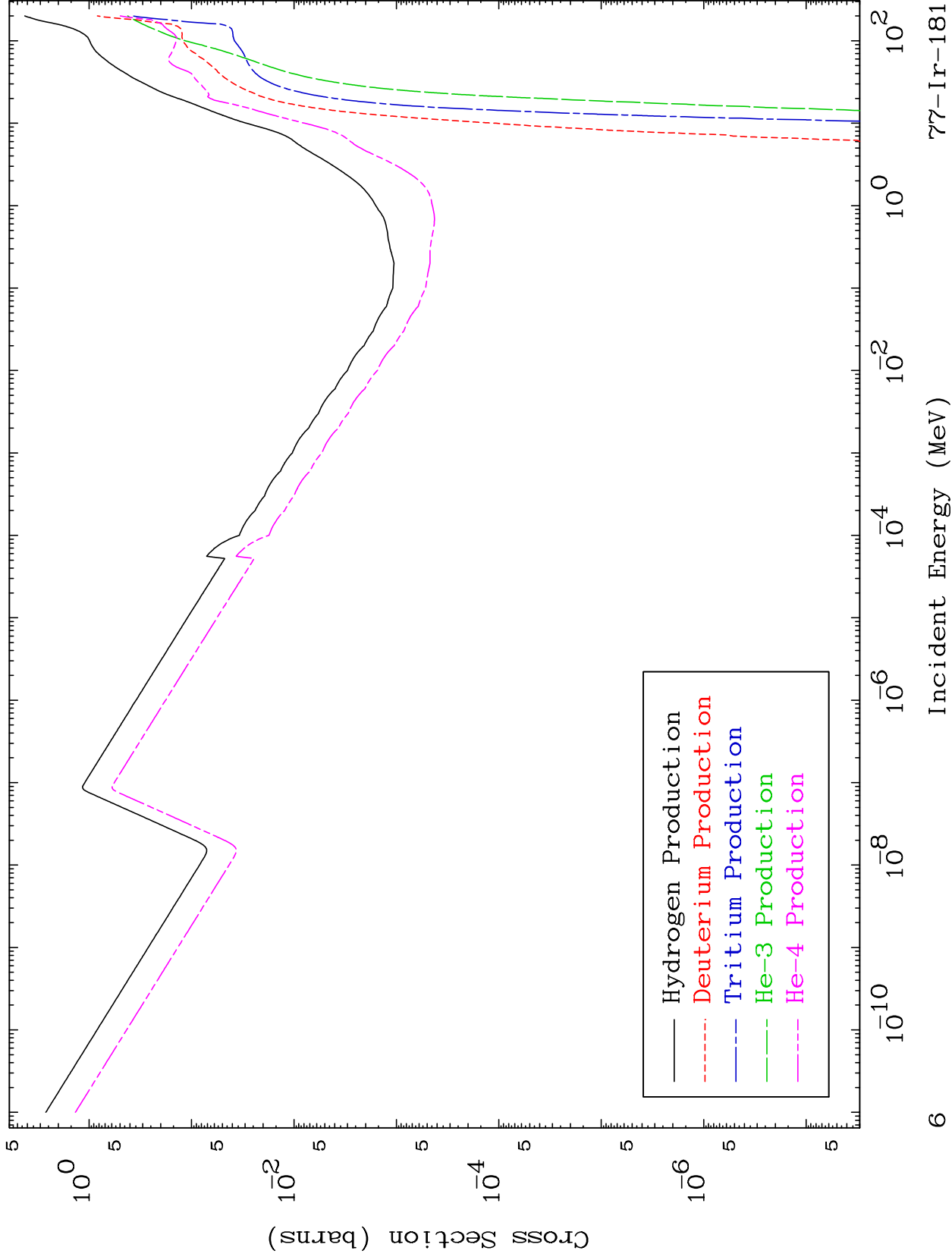
77-Ir-181

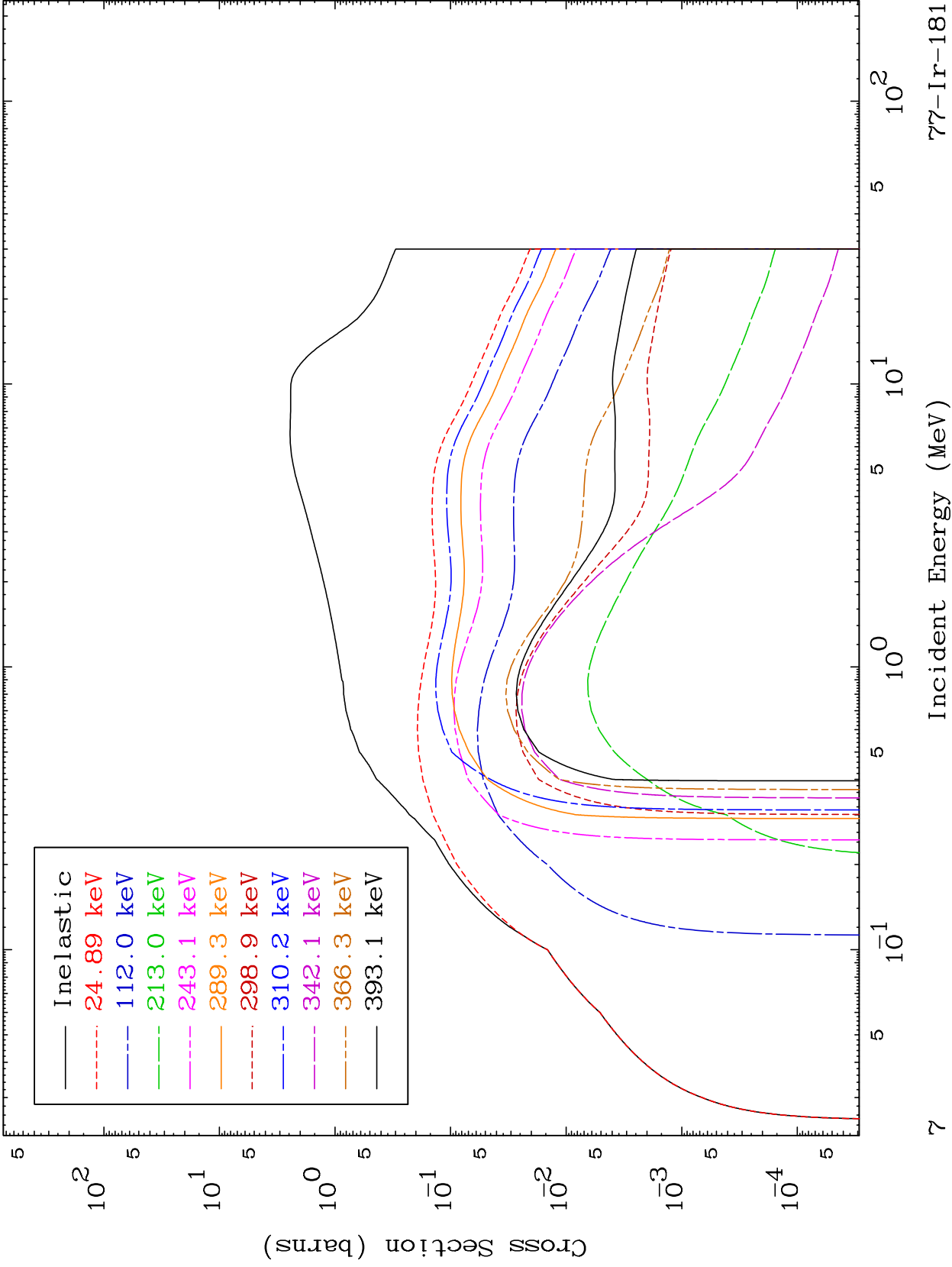


MAT 7695

Particle Production
293 Kelvin Cross Sections

⁷⁷Ir-181



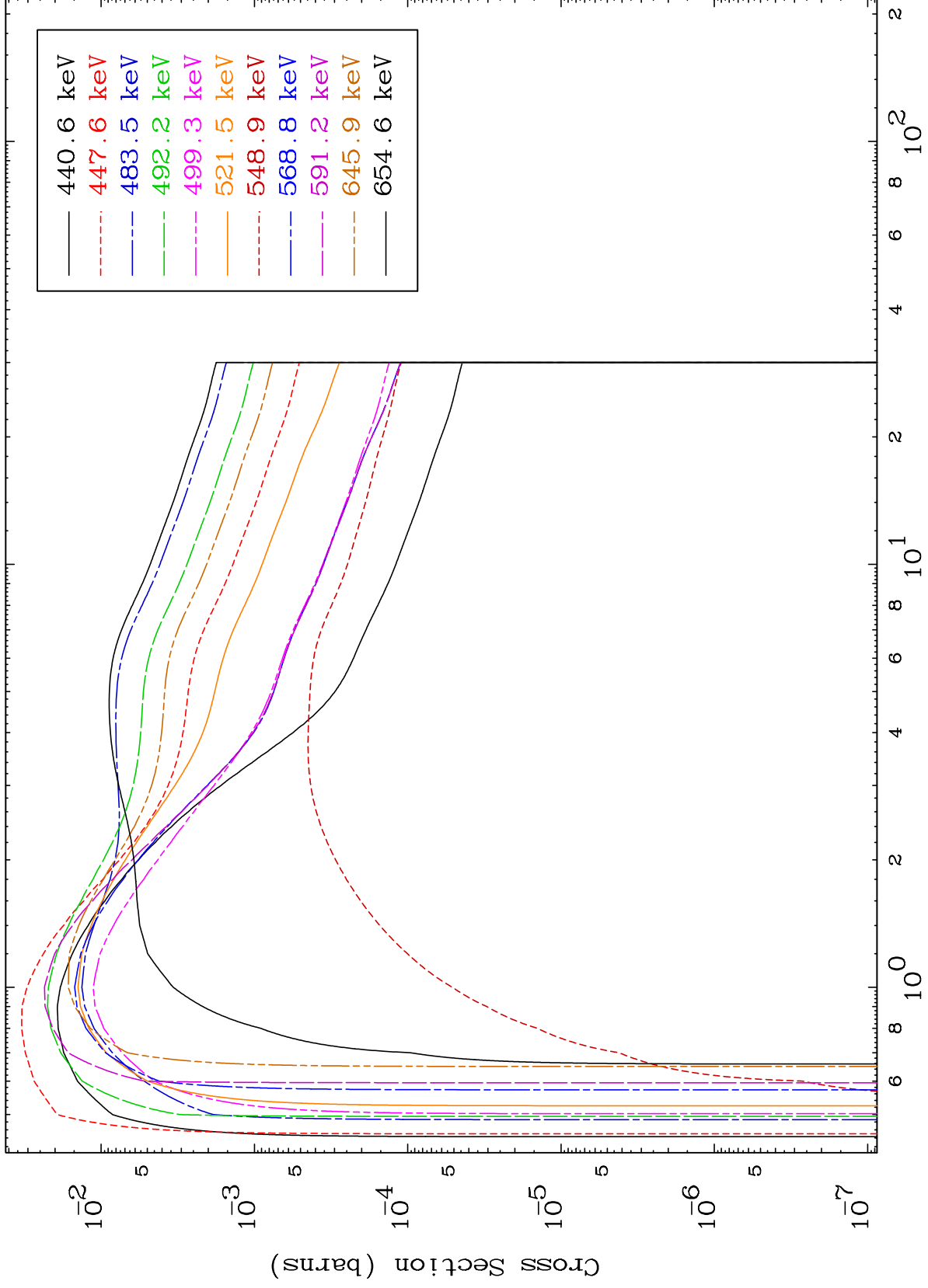


MAT 7695

(n,n') Level

⁷⁷Ir-181

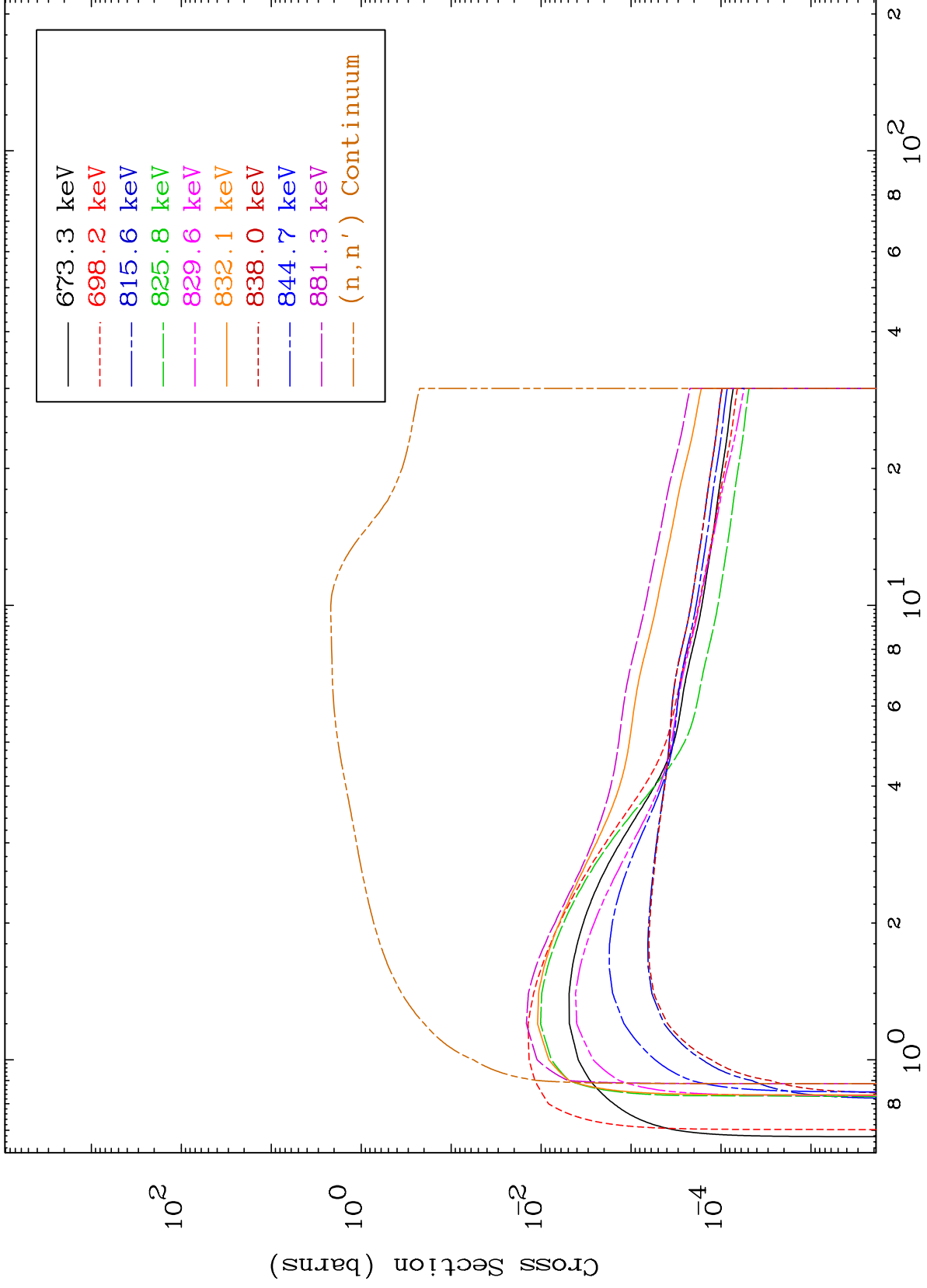
293 Kelvin Cross Sections



8

Incident Energy (MeV)

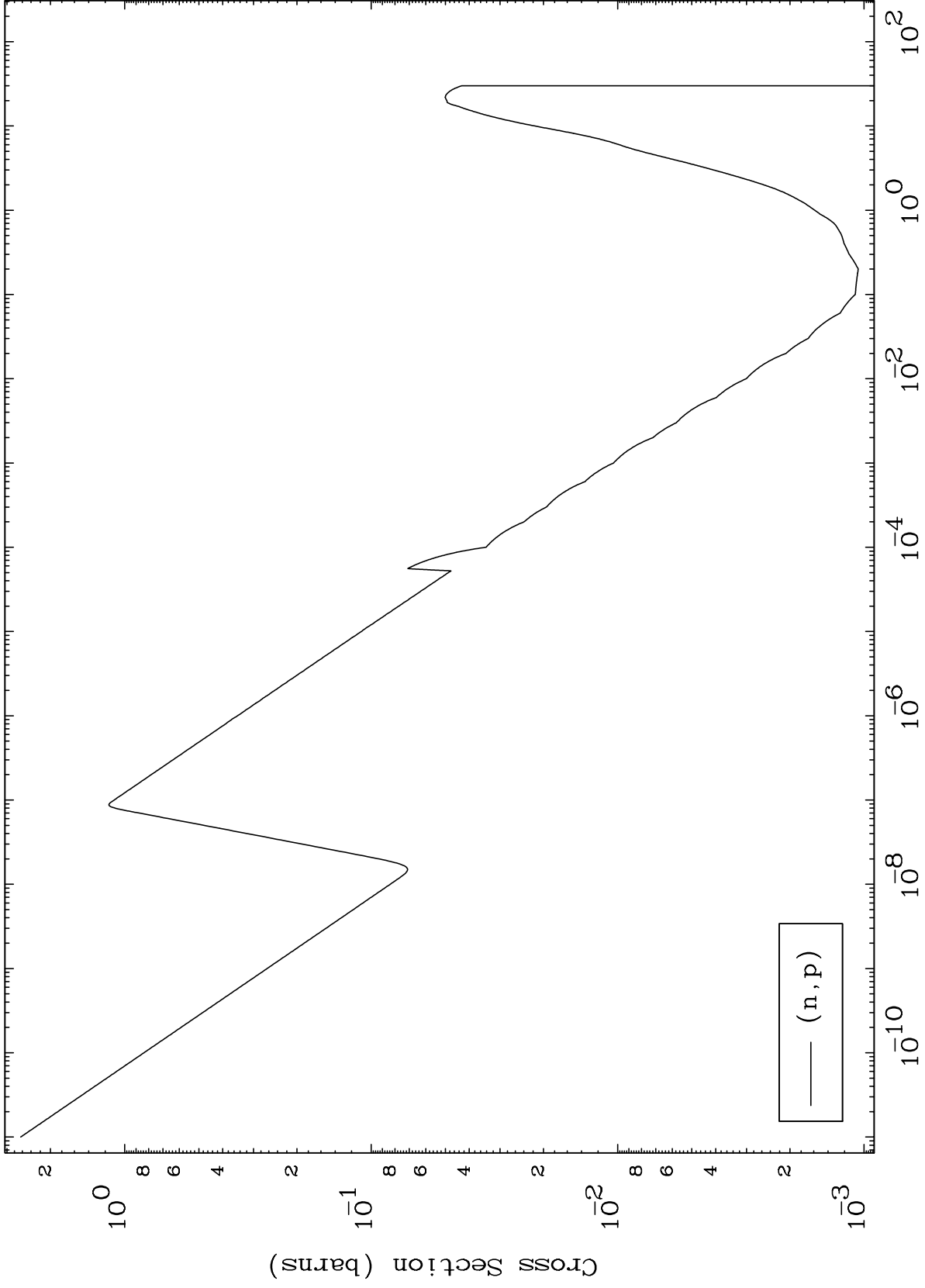
⁷⁷Ir-181



MAT 7695

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-181



10

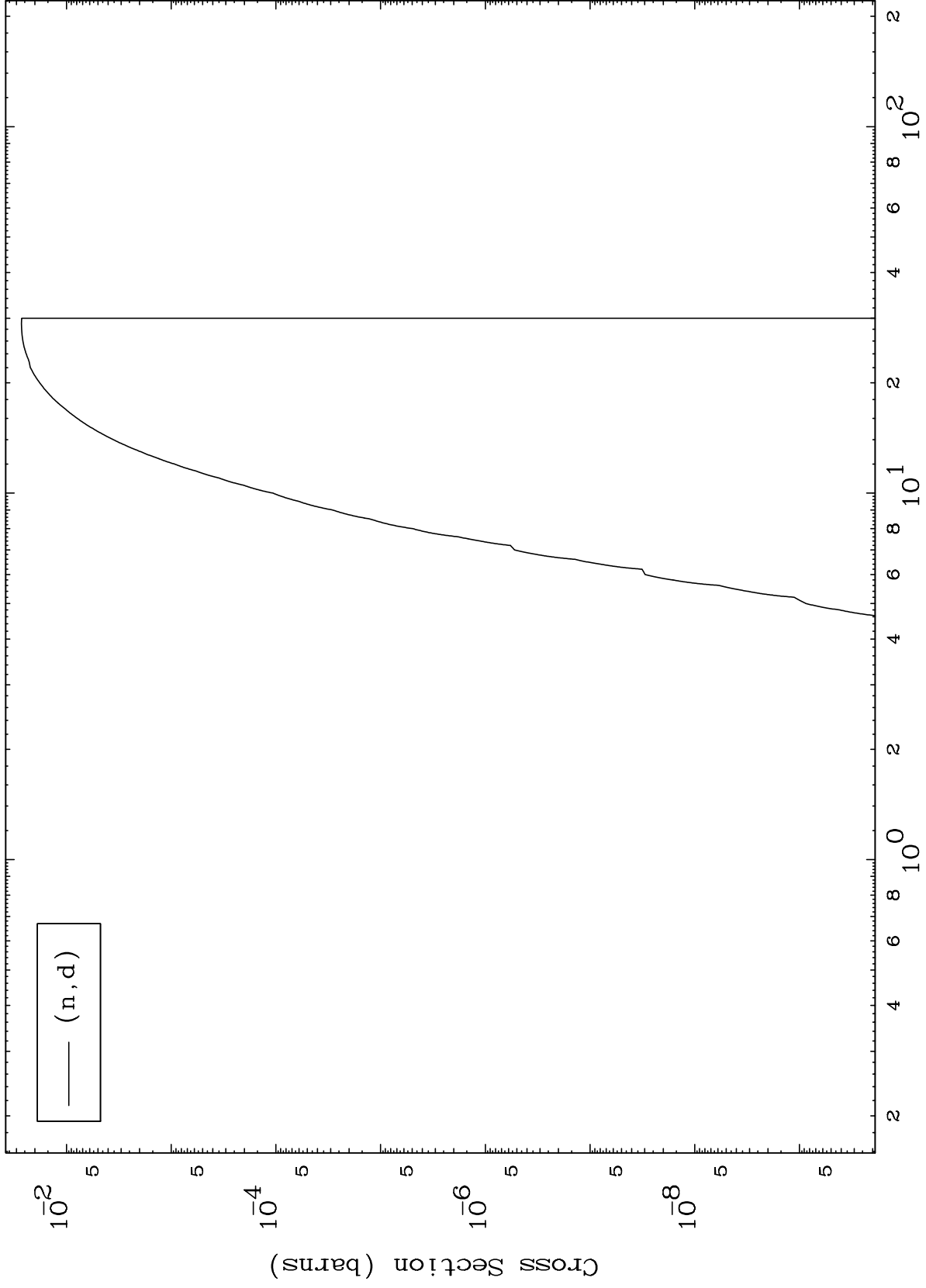
Incident Energy (MeV)

77-Ir-181

MAT 7695

(n,d) Levels
293 Kelvin Cross Sections

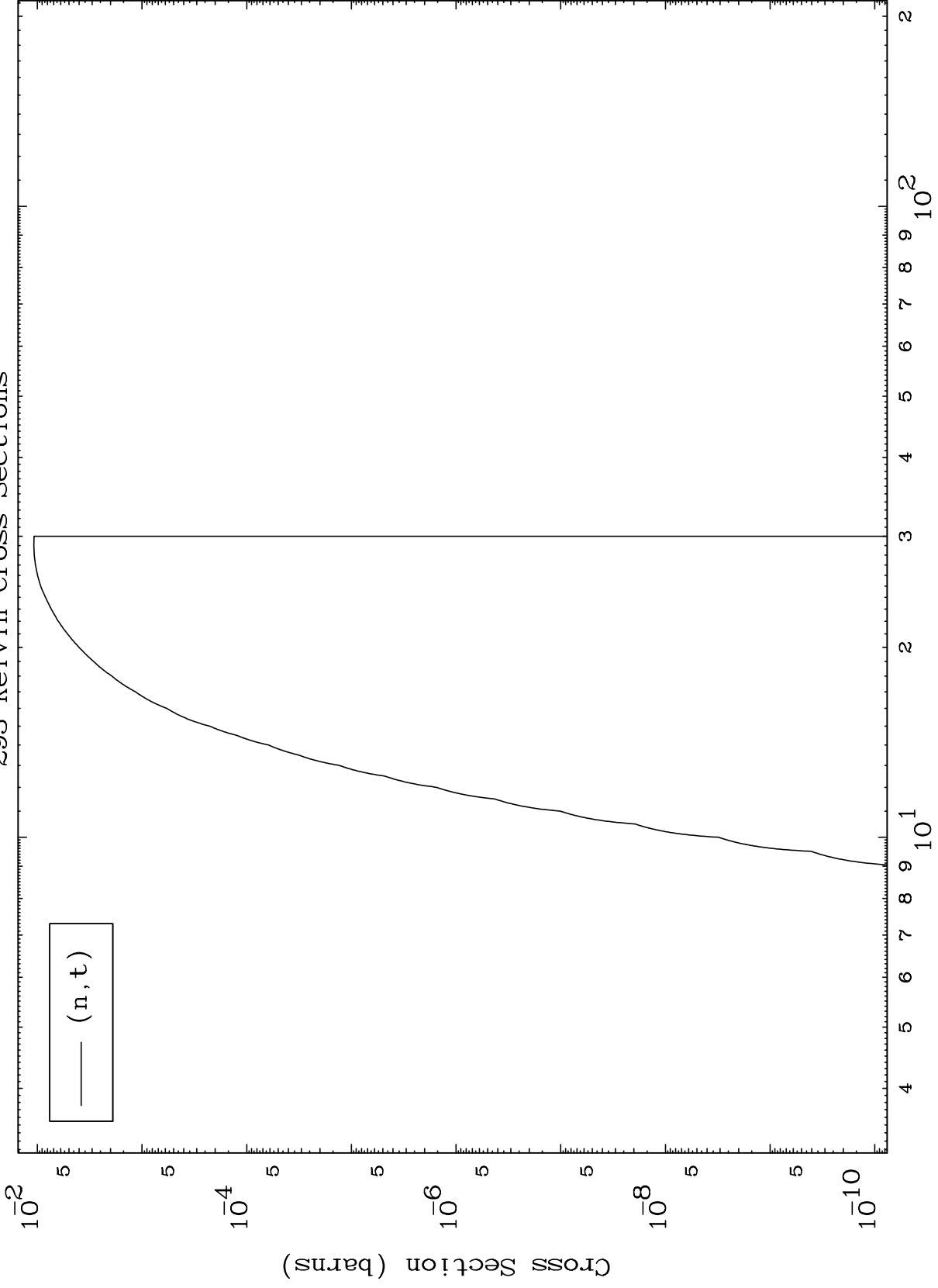
⁷⁷Ir-181



MAT 7695

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-181



12

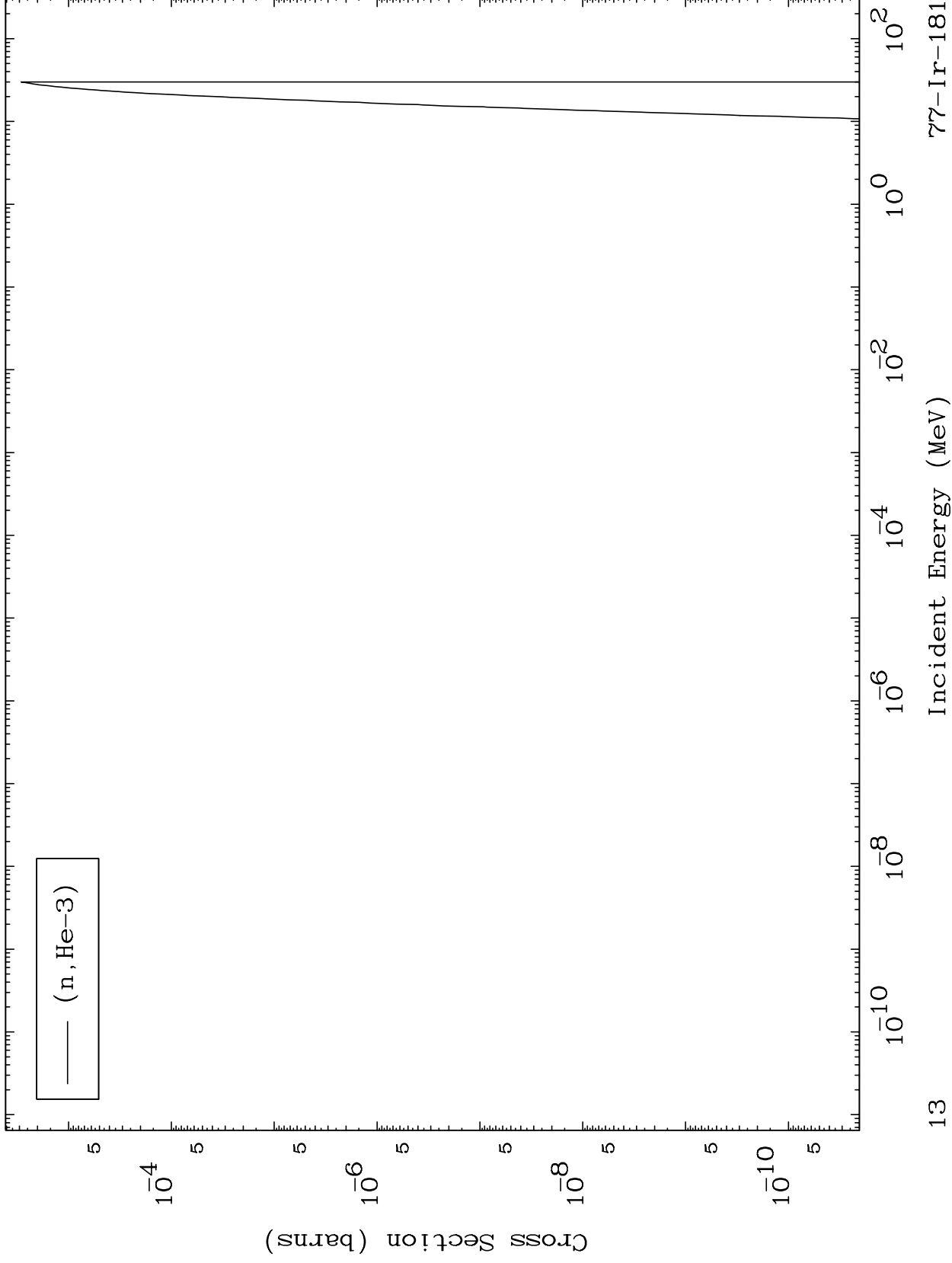
Incident Energy (MeV)

77-Ir-181

MAT 7695

(n,He3) Levels
293 Kelvin Cross Sections

⁷⁷Ir-181



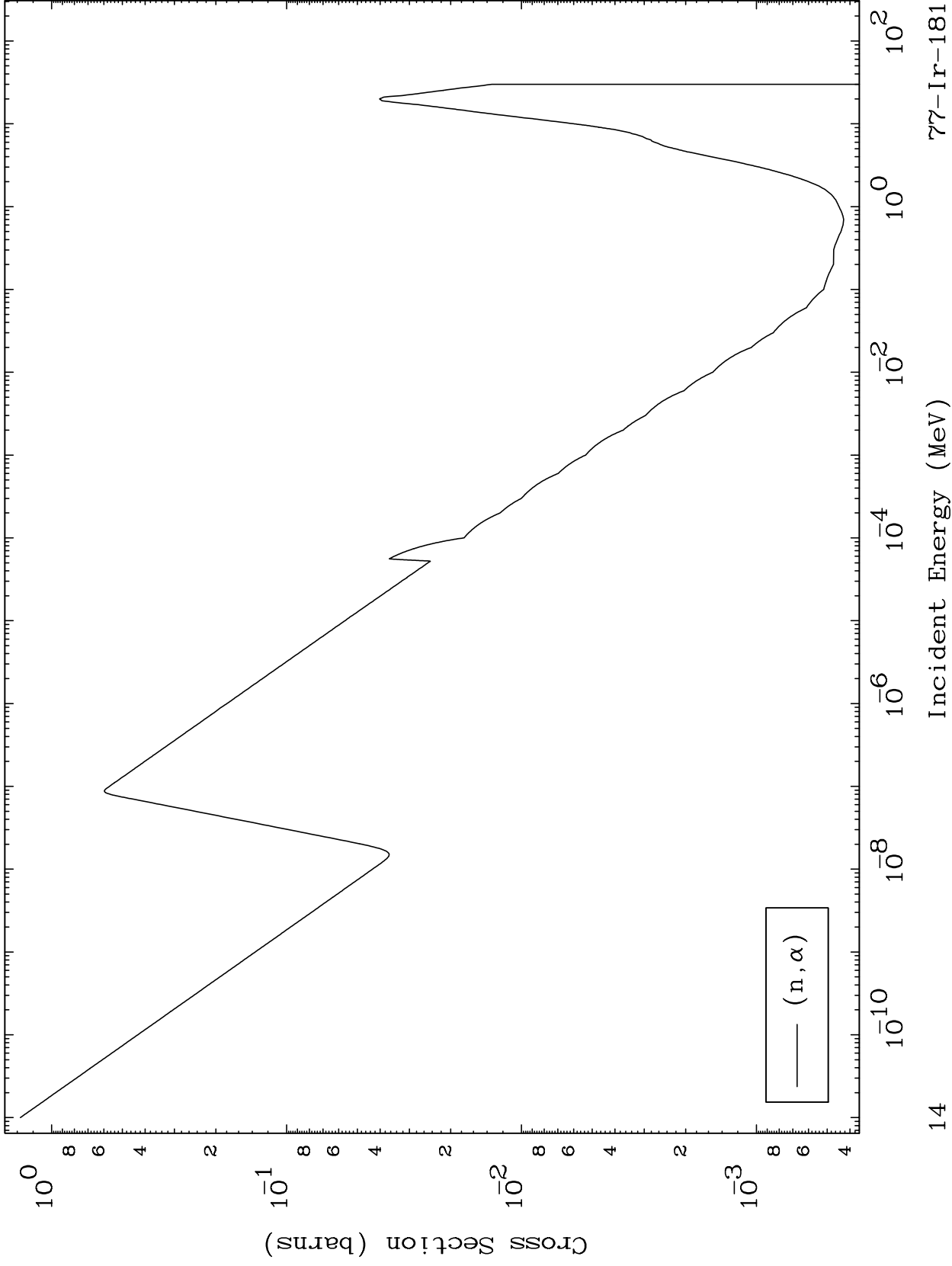
13

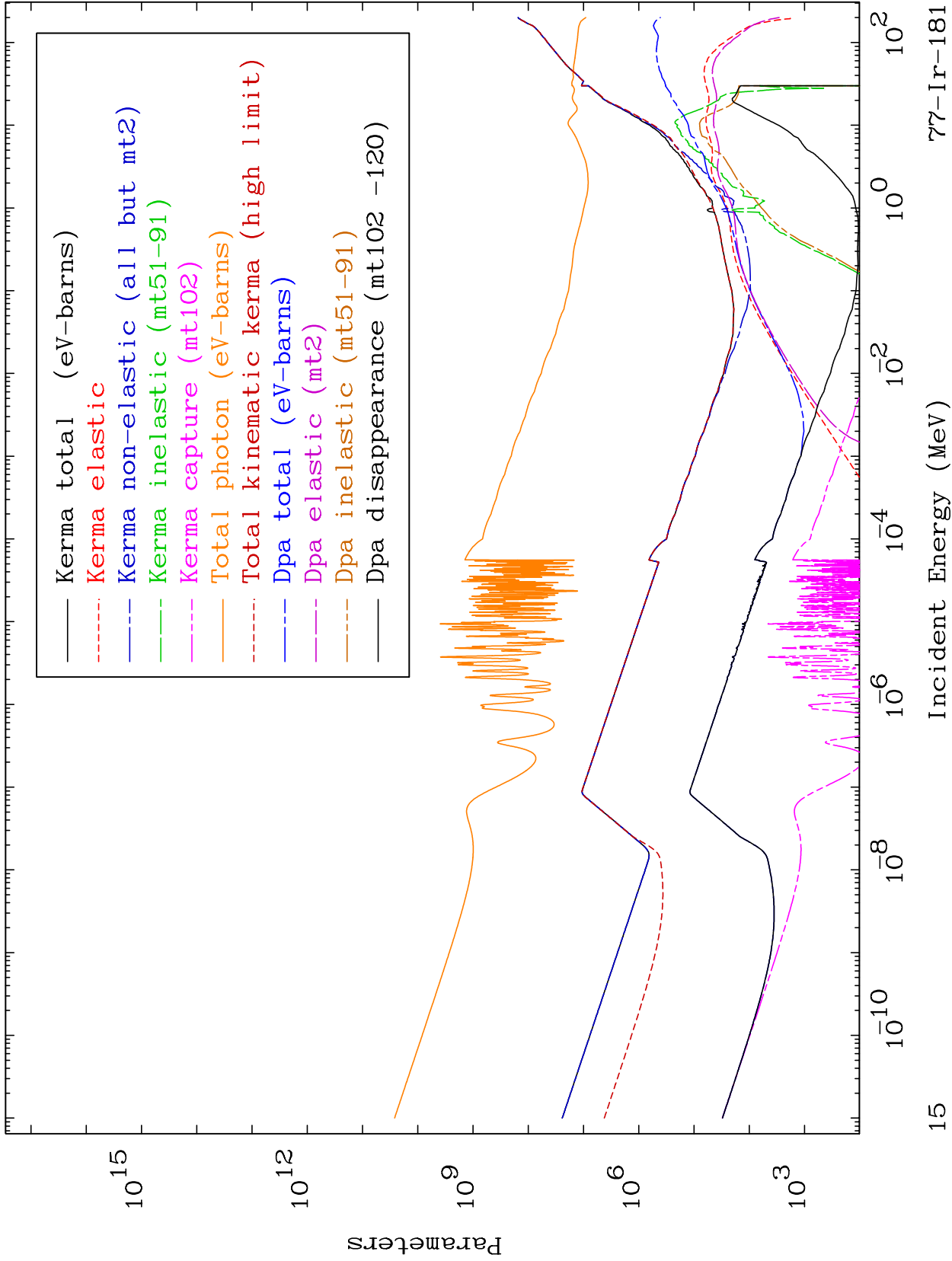
⁷⁷Ir-181

MAT 7695

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-181

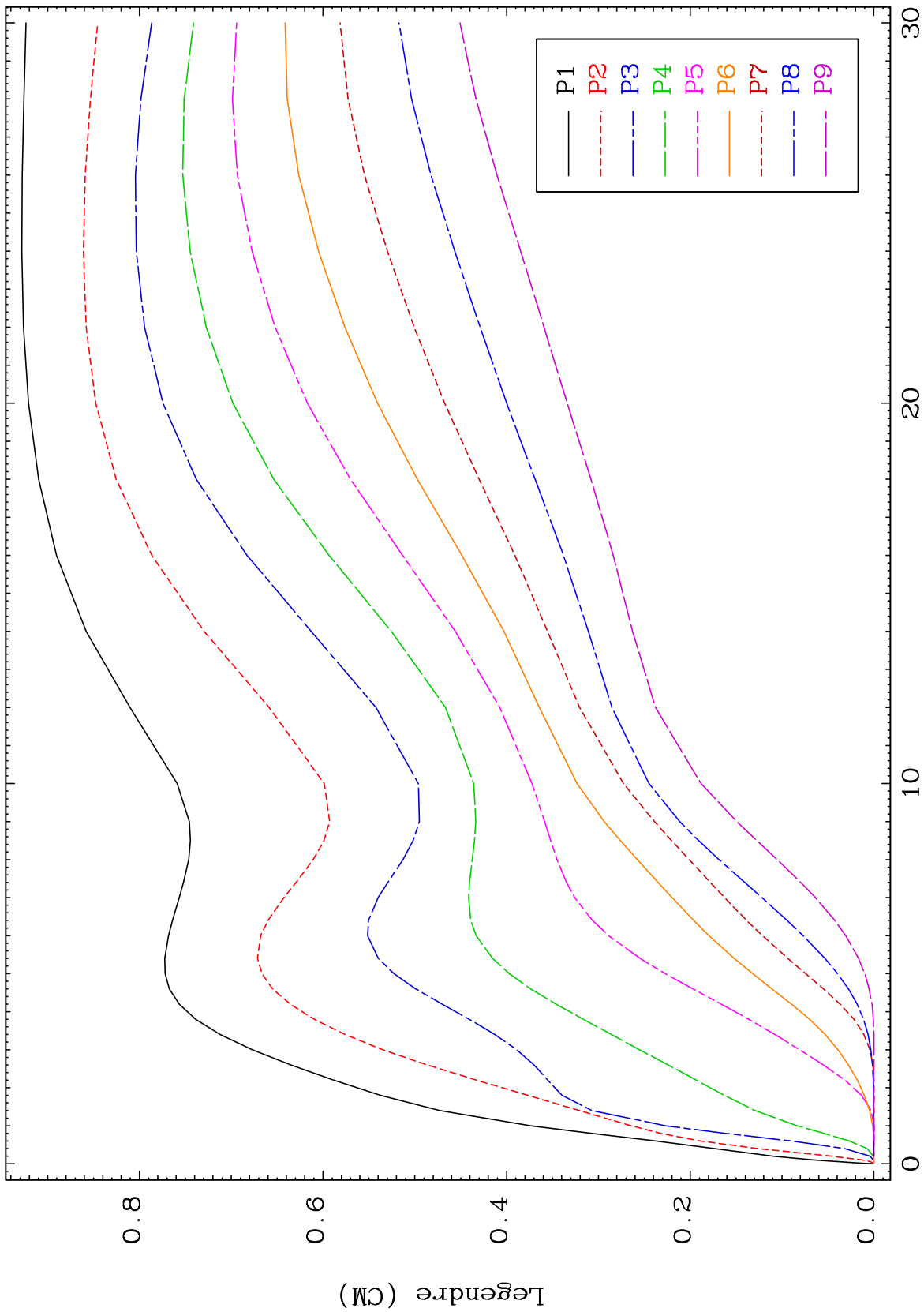




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77-Ir-181

Elastic Legendre Coefficients



16

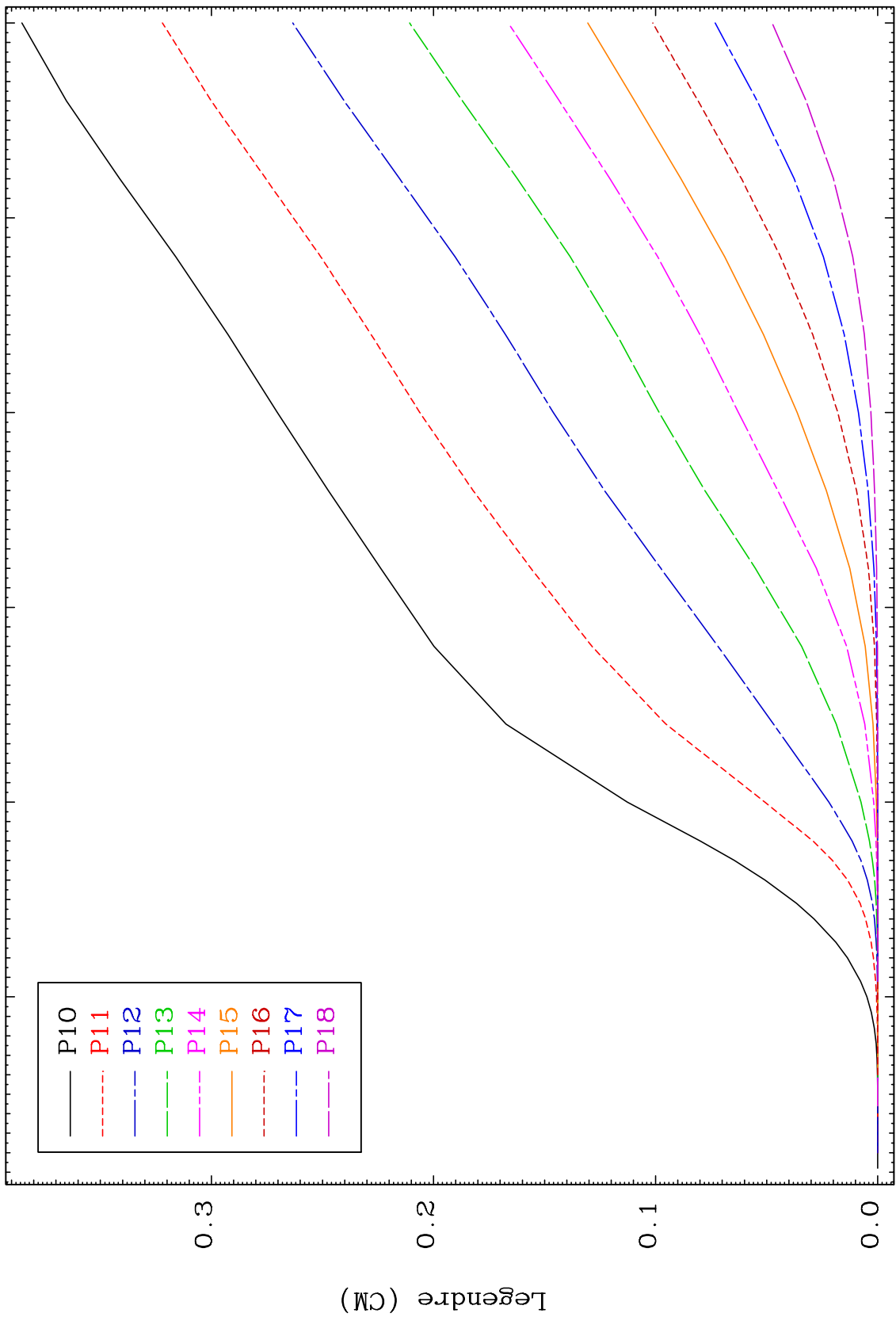
Incident Energy (MeV)

77-Ir-181

MAT 7695

Elastic Legendre Coefficients

⁷⁷Ir-181



17

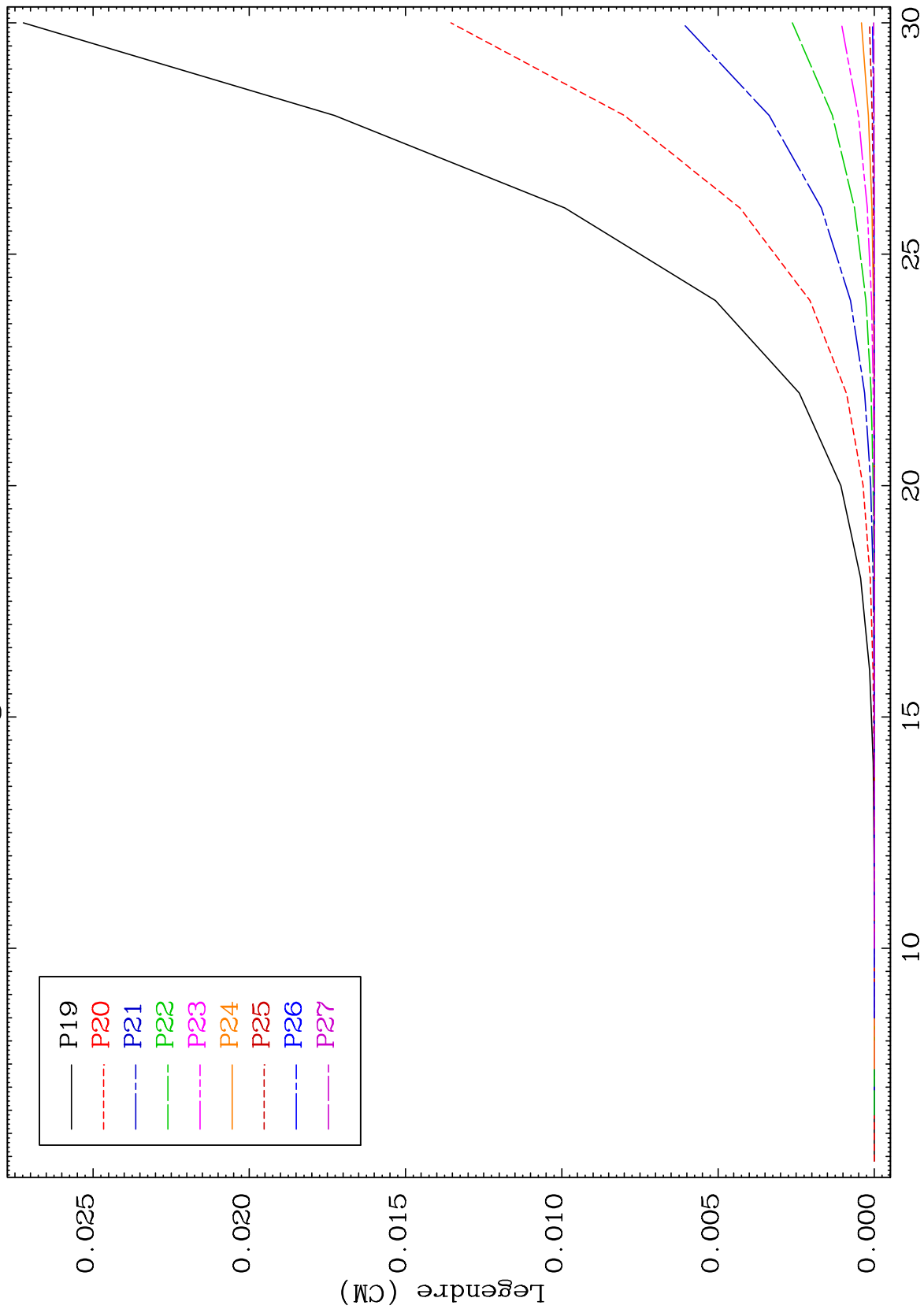
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

Elastic Legendre Coefficients

⁷⁷Ir-181



18

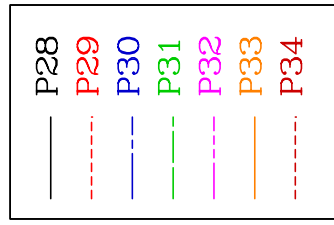
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

Elastic
Legendre Coefficients

⁷⁷Ir-181



$\times 10^{-6}$

6

Legendre (CM)

4

2

0

15

20

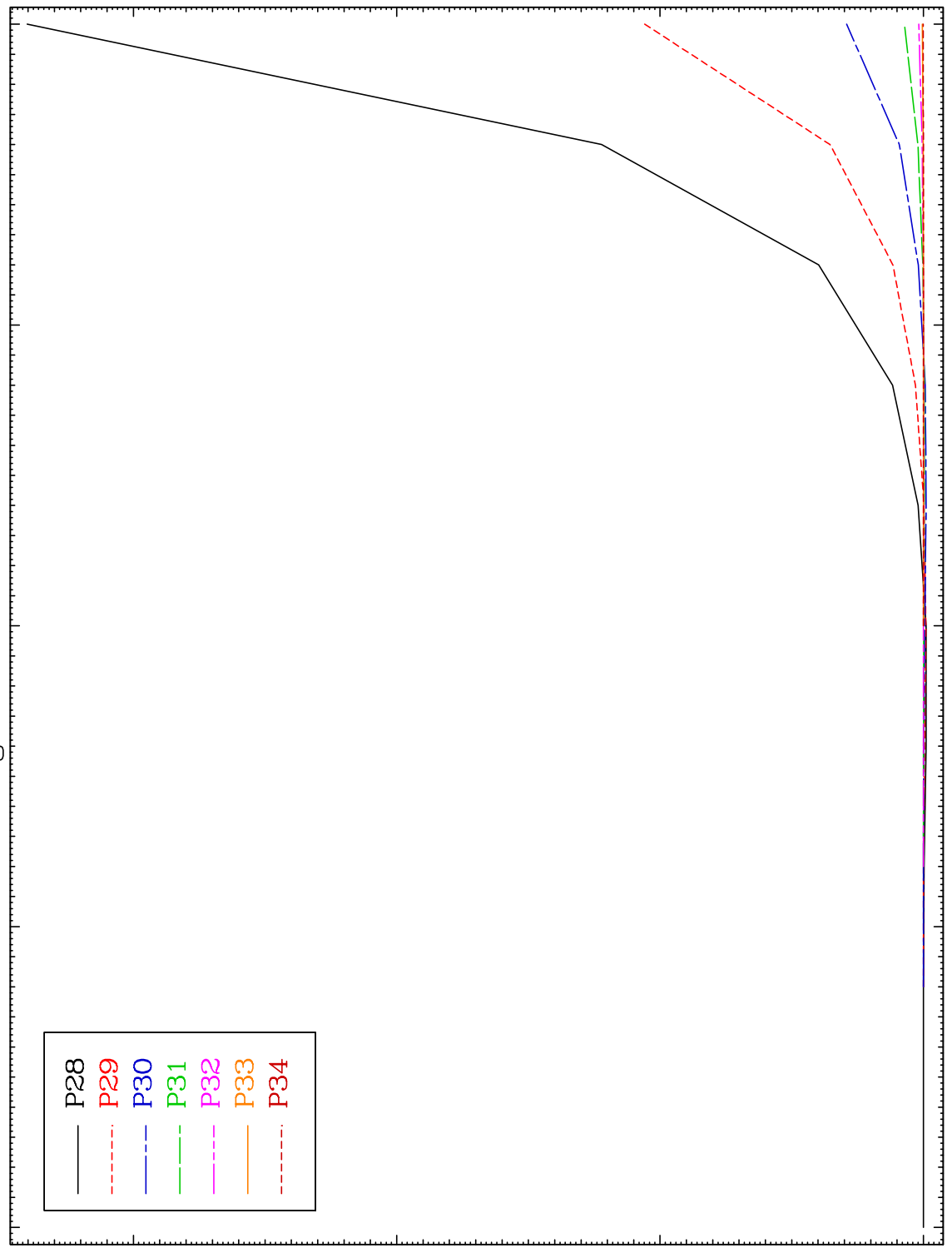
25

30

19

Incident Energy (MeV)

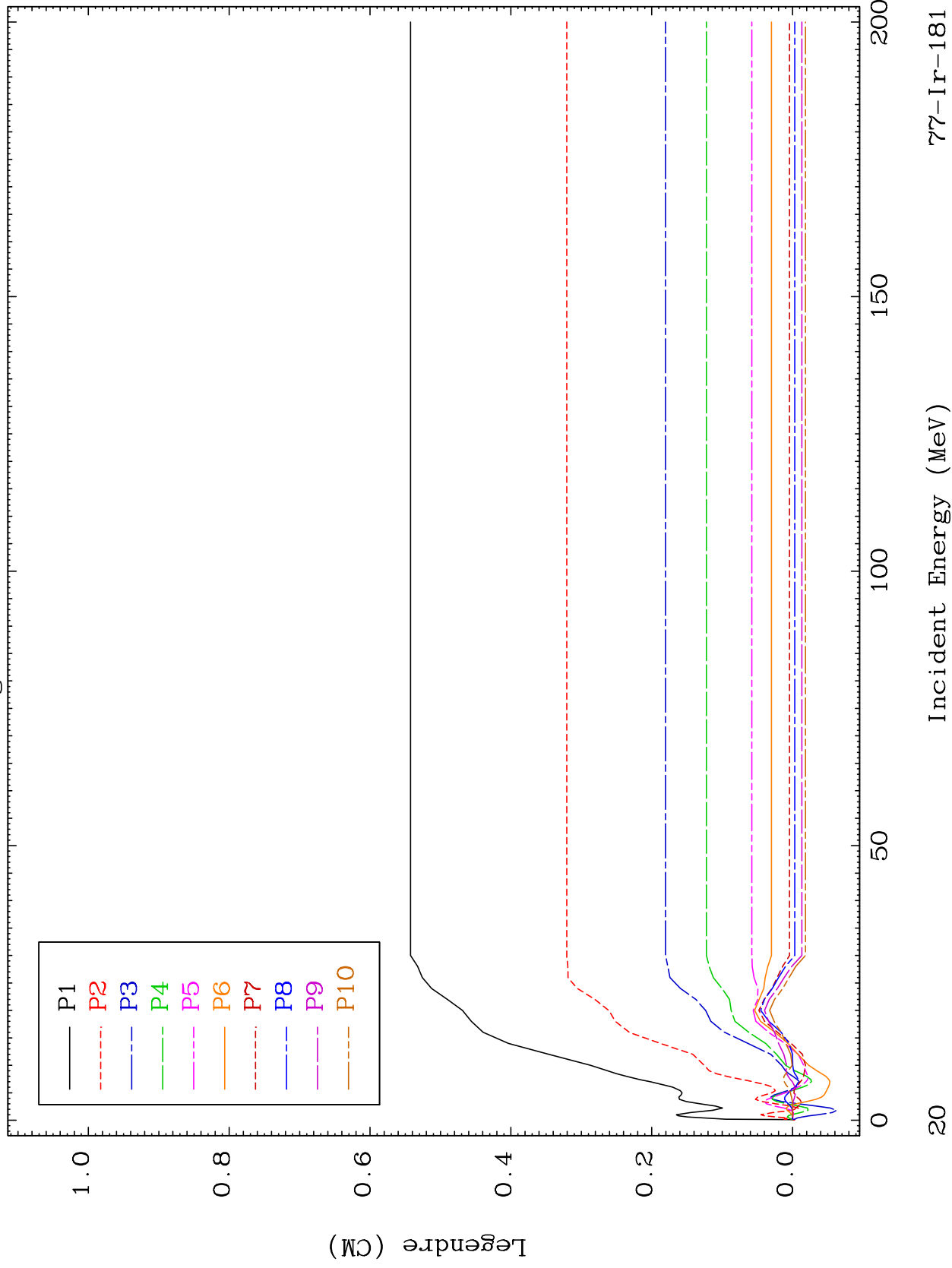
⁷⁷Ir-181



MAT 7695

24.89 keV (n, n') Level
Legendre Coefficients

⁷⁷Ir-181



⁷⁷Ir-181

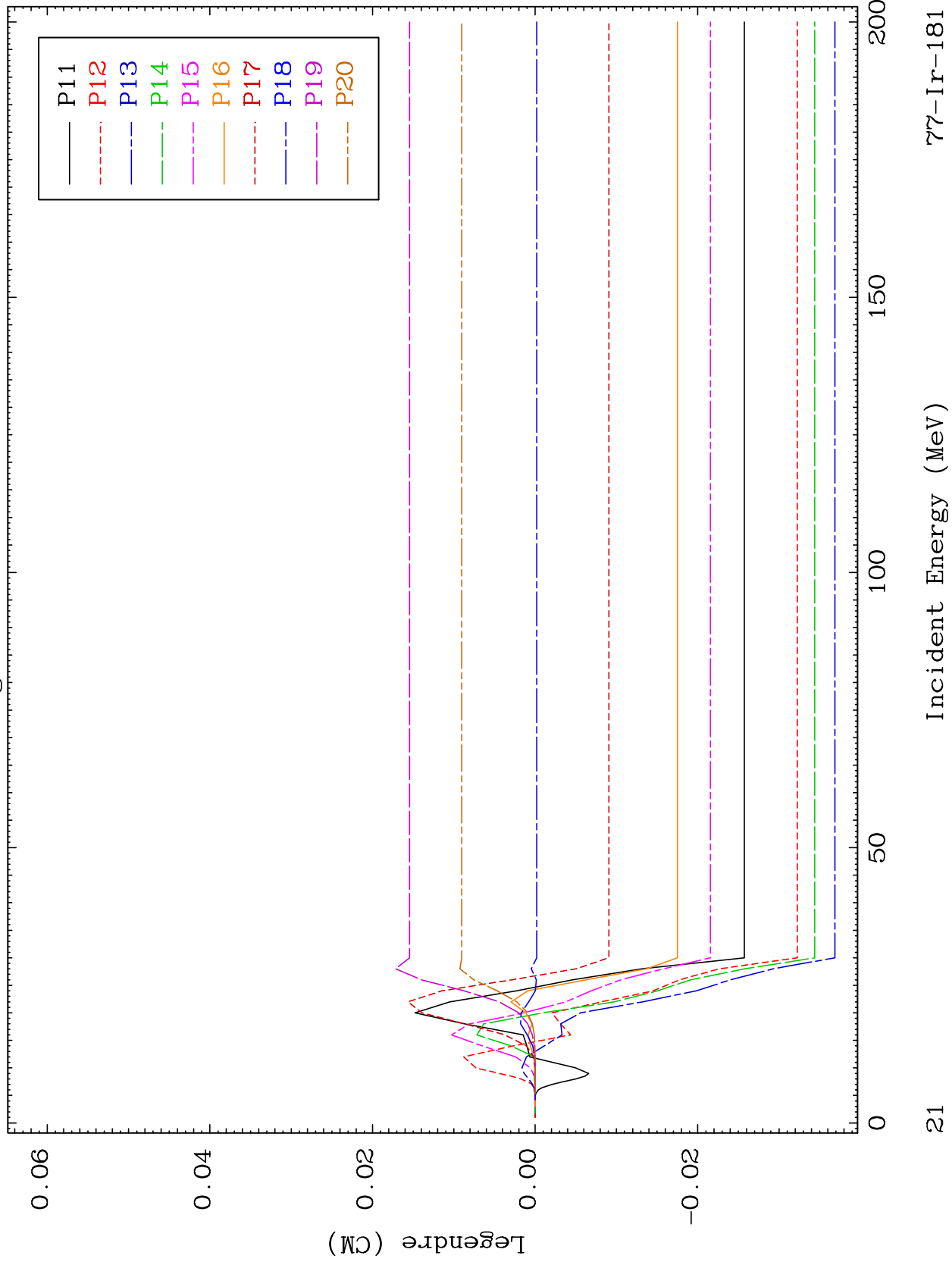
Incident Energy (MeV)

0

MAT 7695

24.89 keV (n,n') Level
Legendre Coefficients

77-Ir-181



21

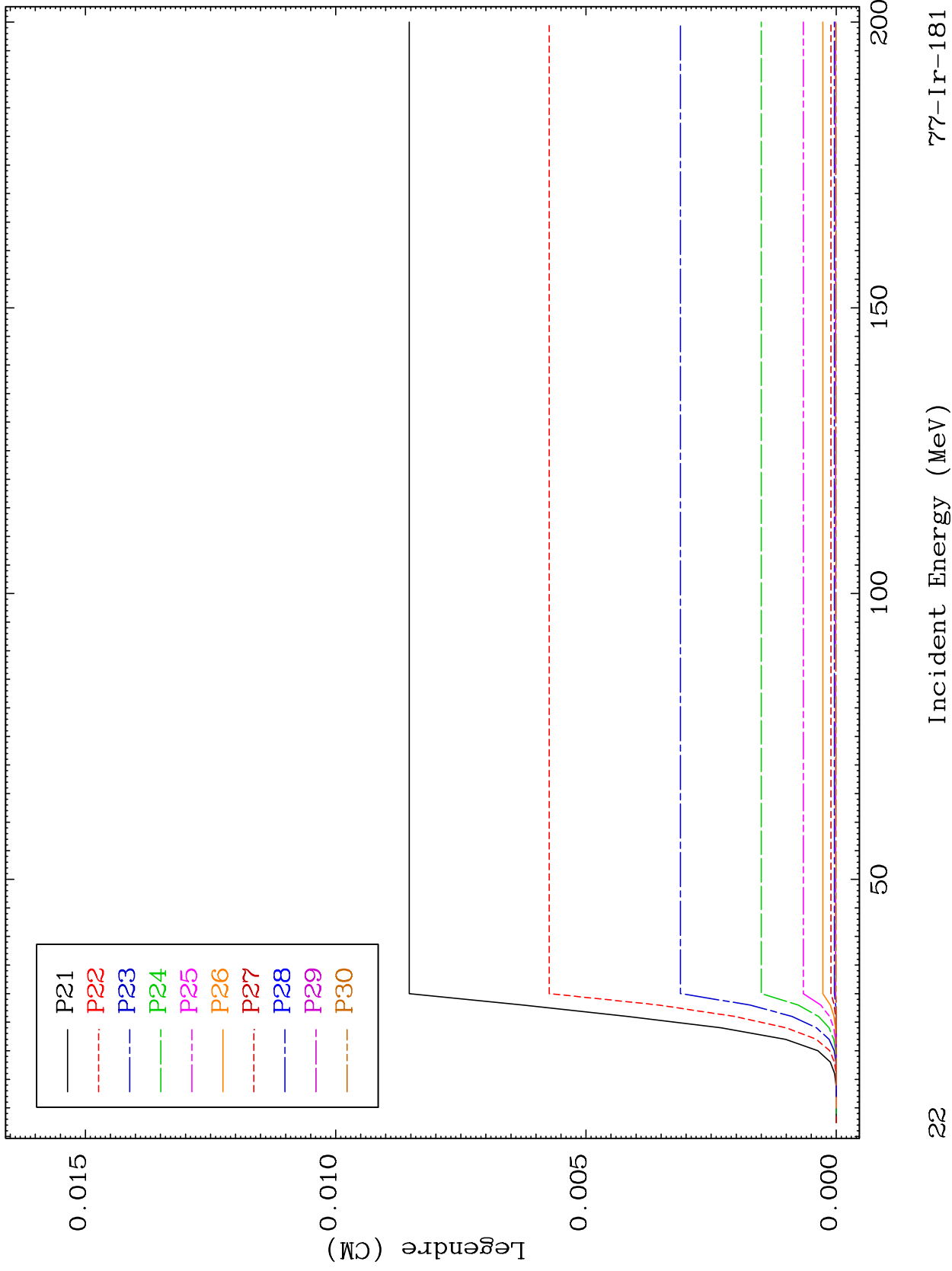
Incident Energy (MeV)

77-Ir-181

MAT 7695

24.89 keV (n,n') Level
Legendre Coefficients

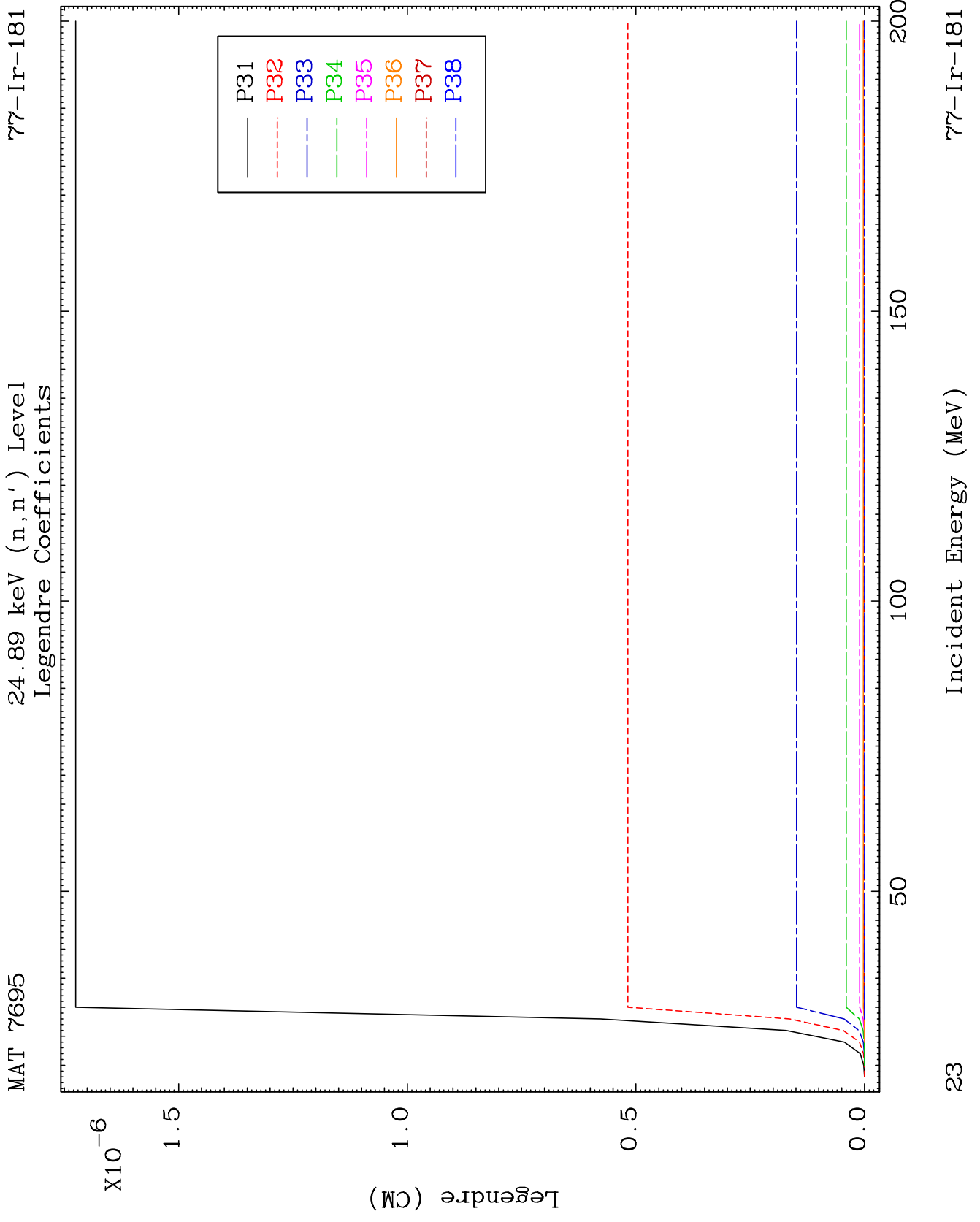
77-Ir-181



22

Incident Energy (MeV)

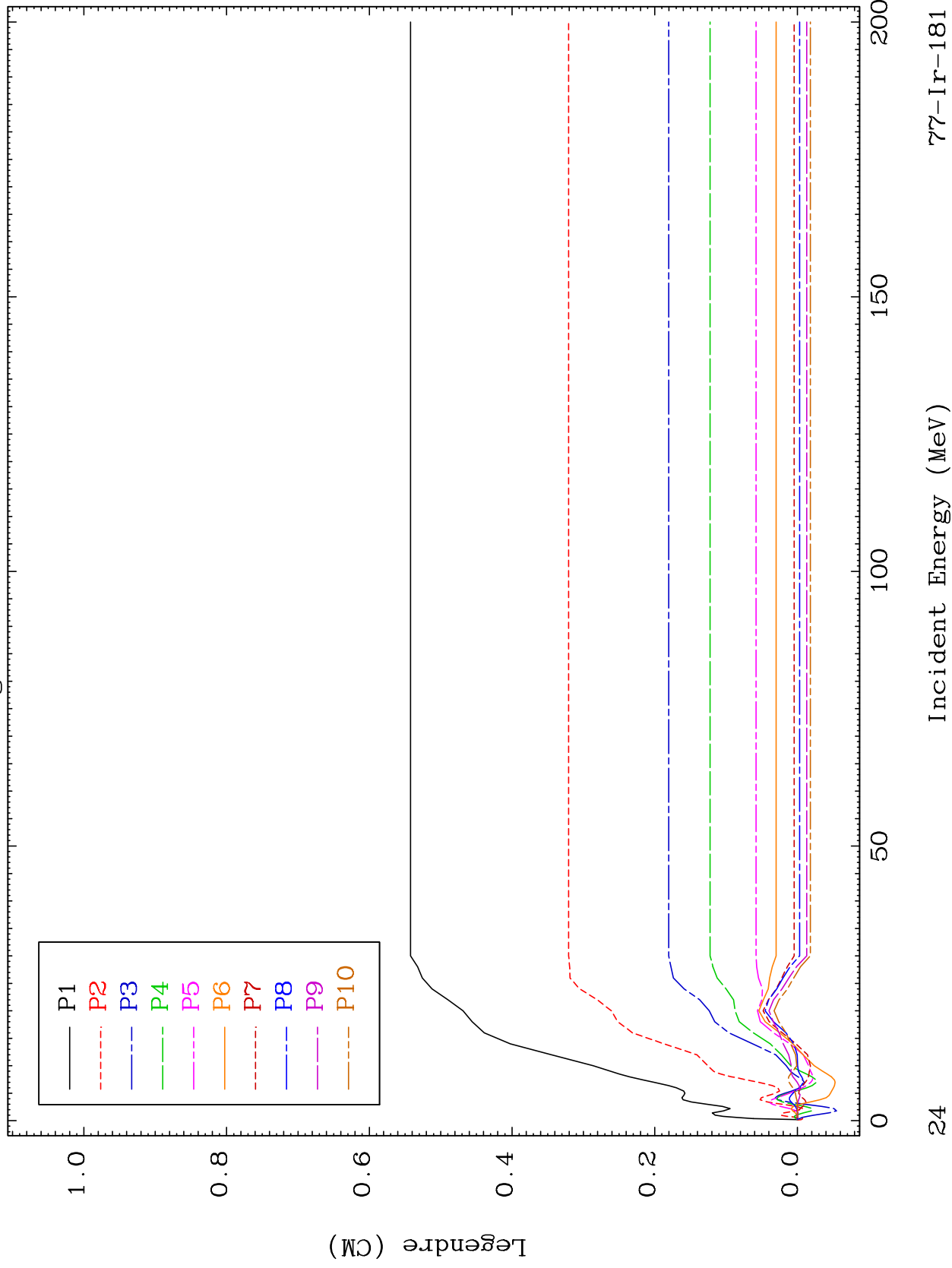
77-Ir-181



MAT 7695

112.0 keV (n,n') Level
Legendre Coefficients

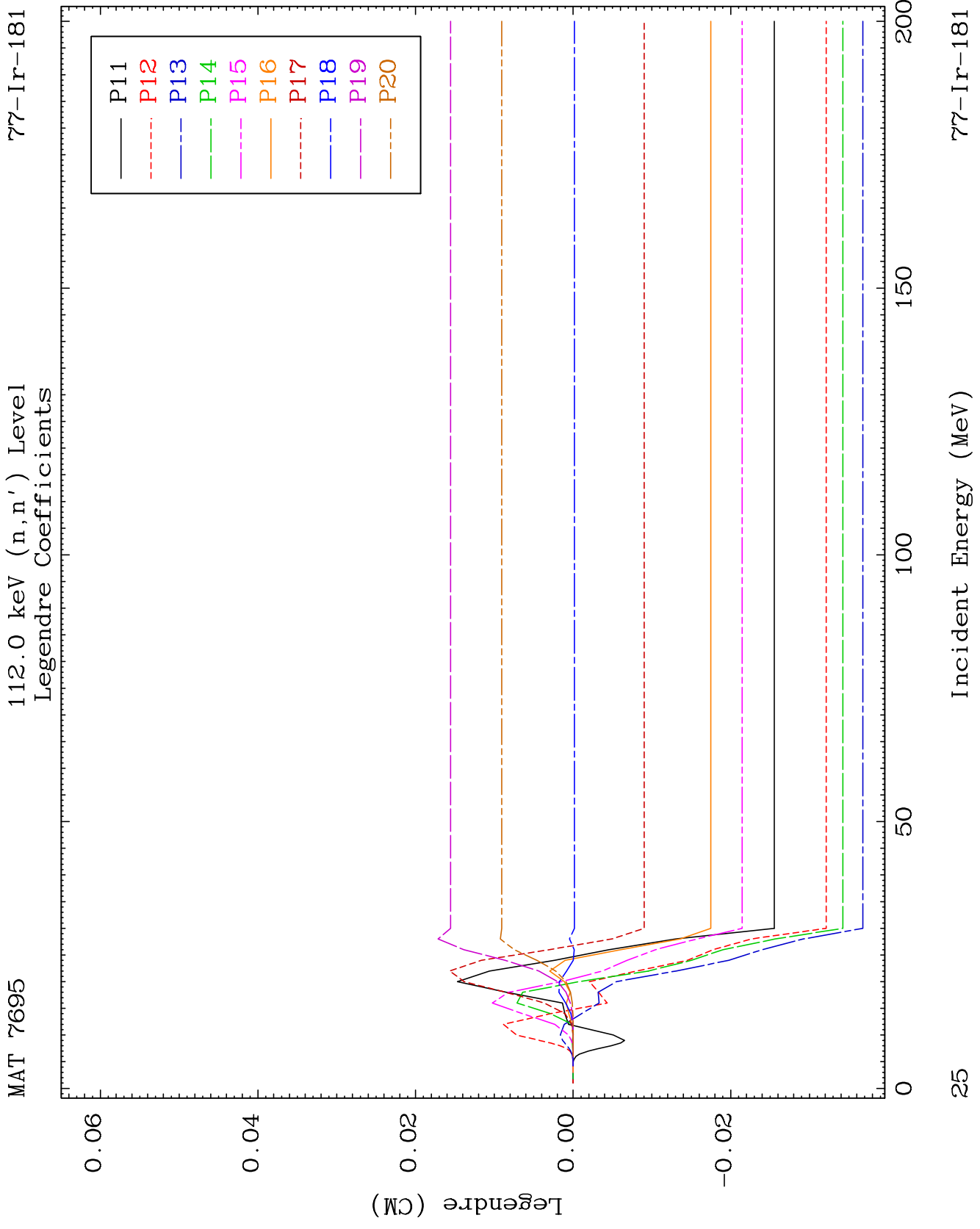
⁷⁷Ir-181

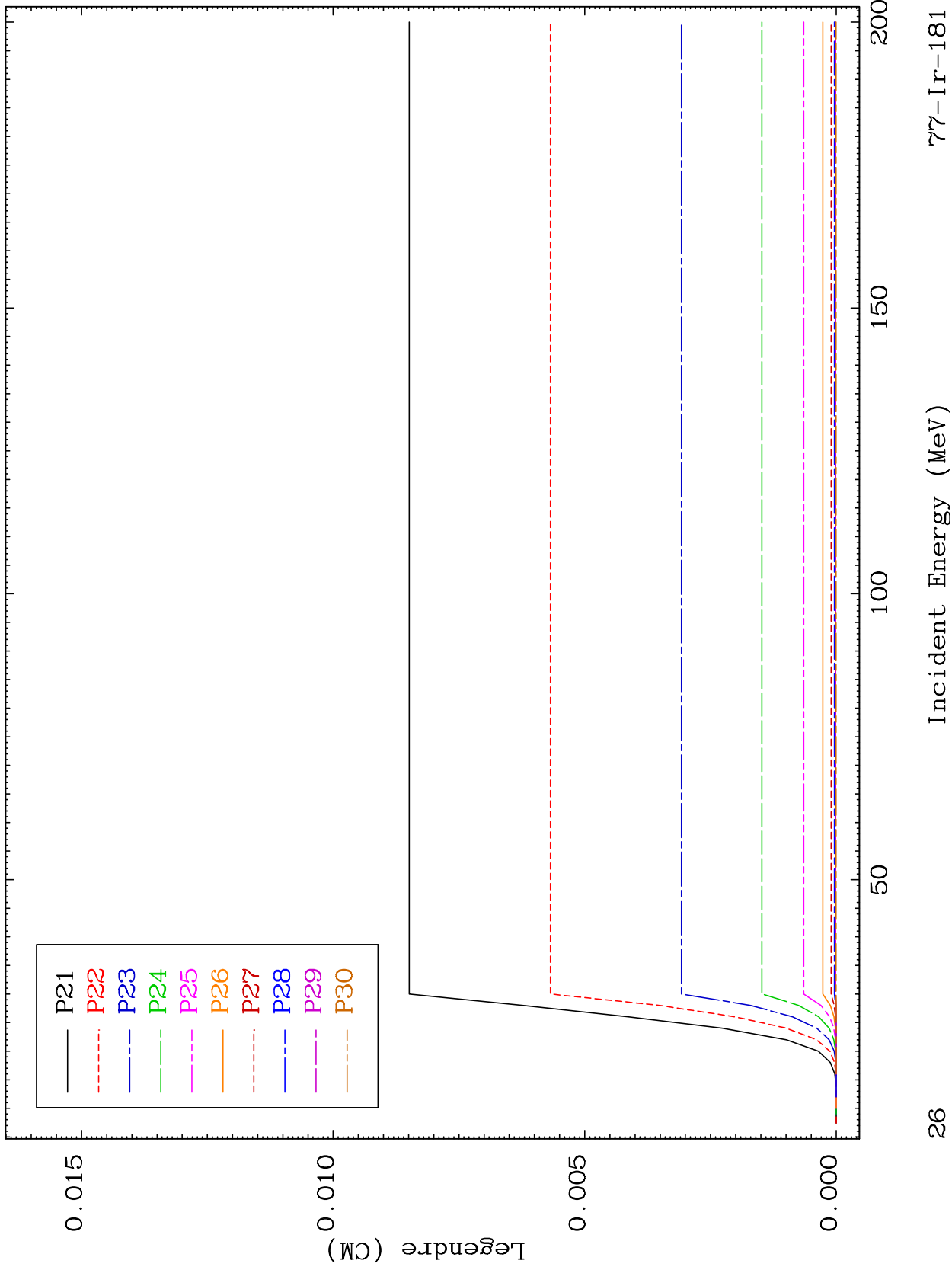


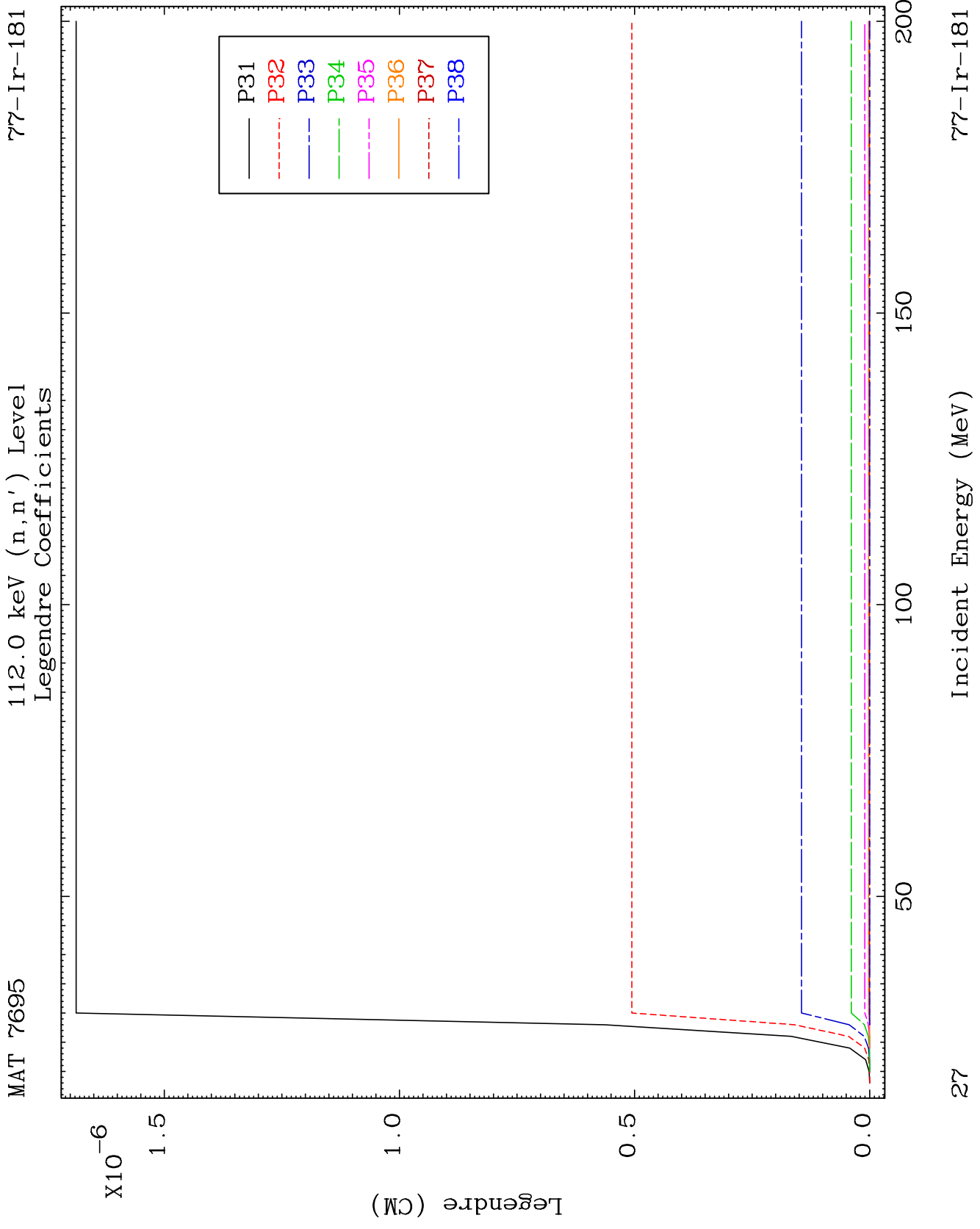
24

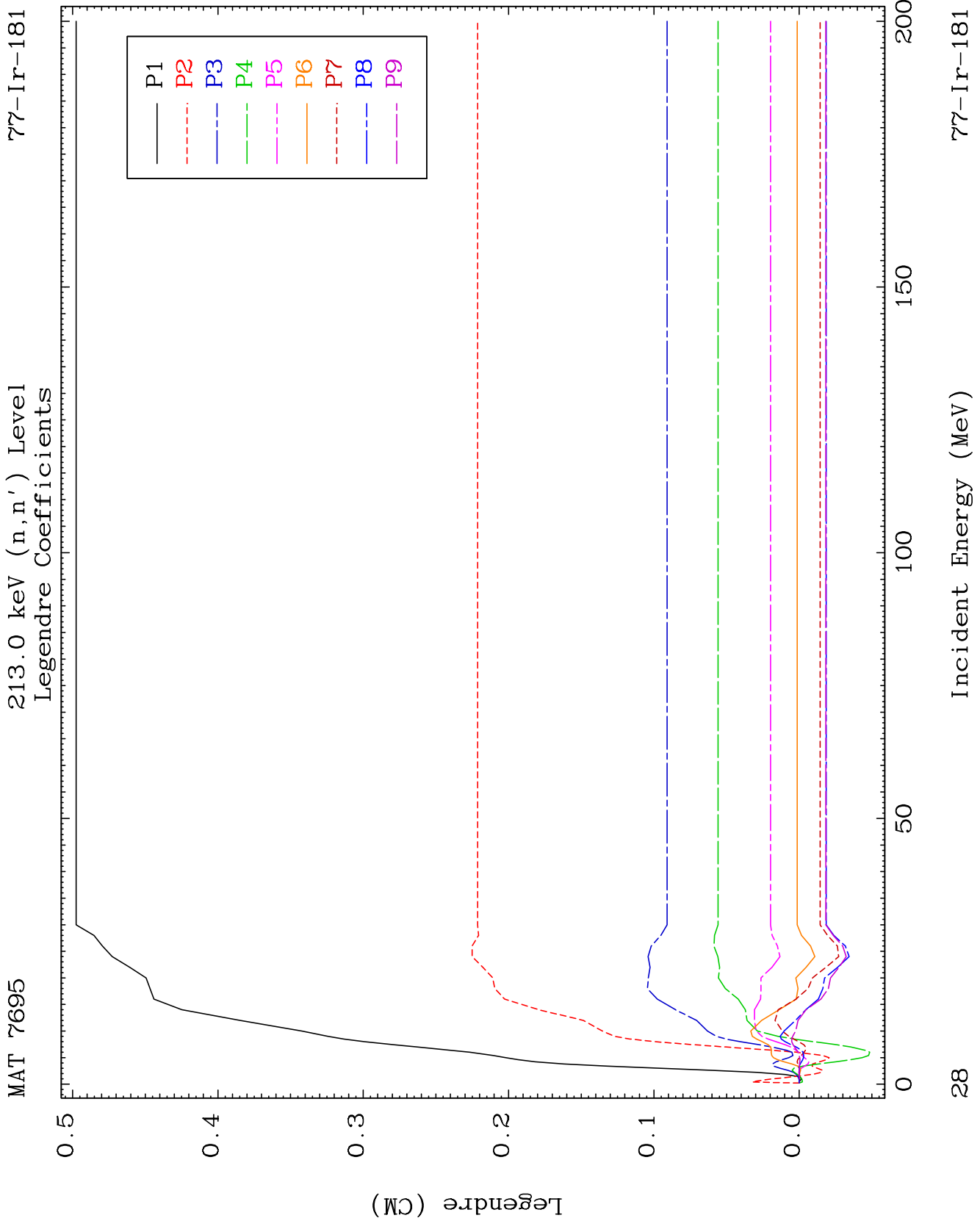
Incident Energy (MeV)

⁷⁷Ir-181





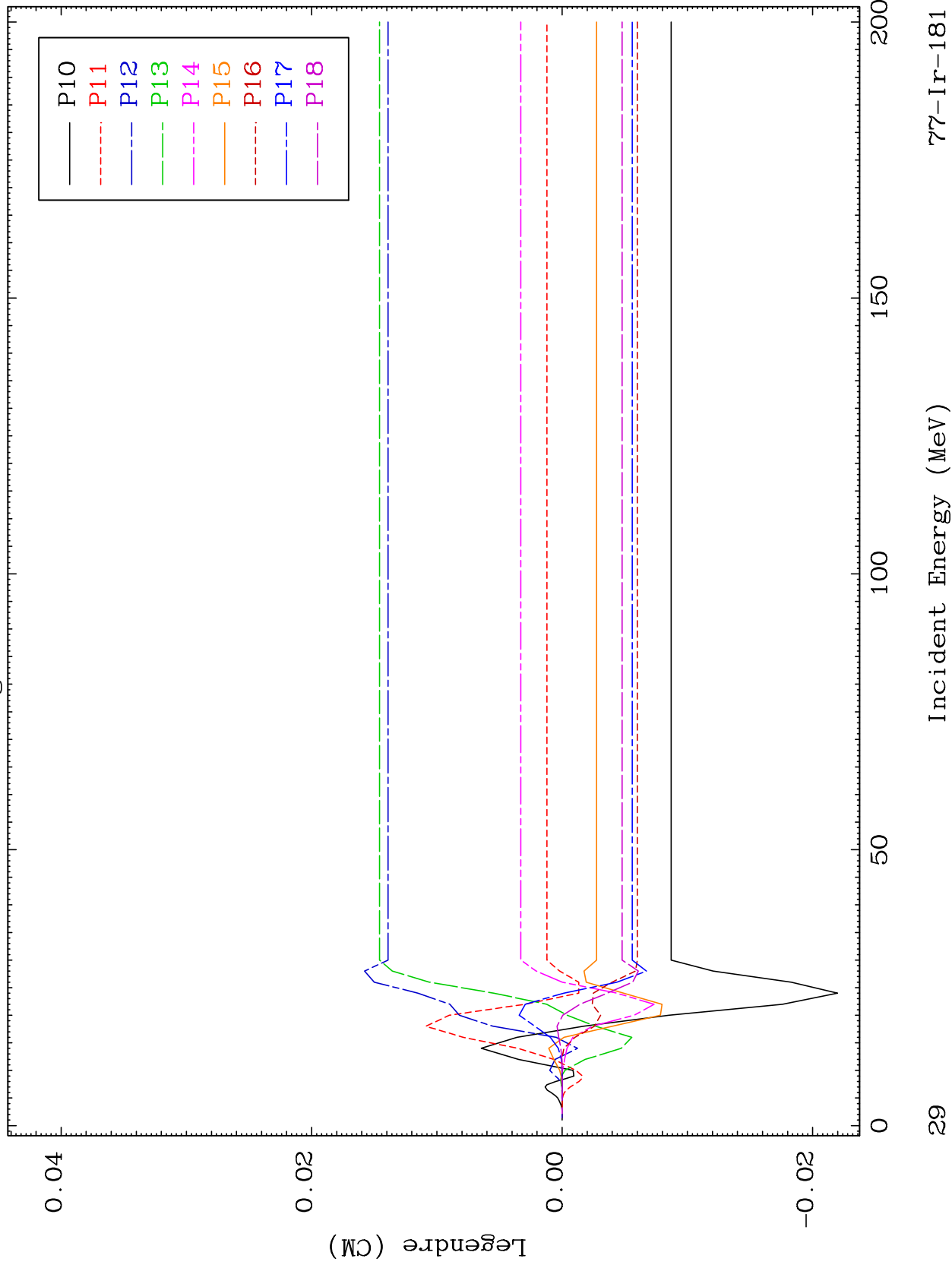




MAT 7695

213.0 keV (n,n') Level
Legendre Coefficients

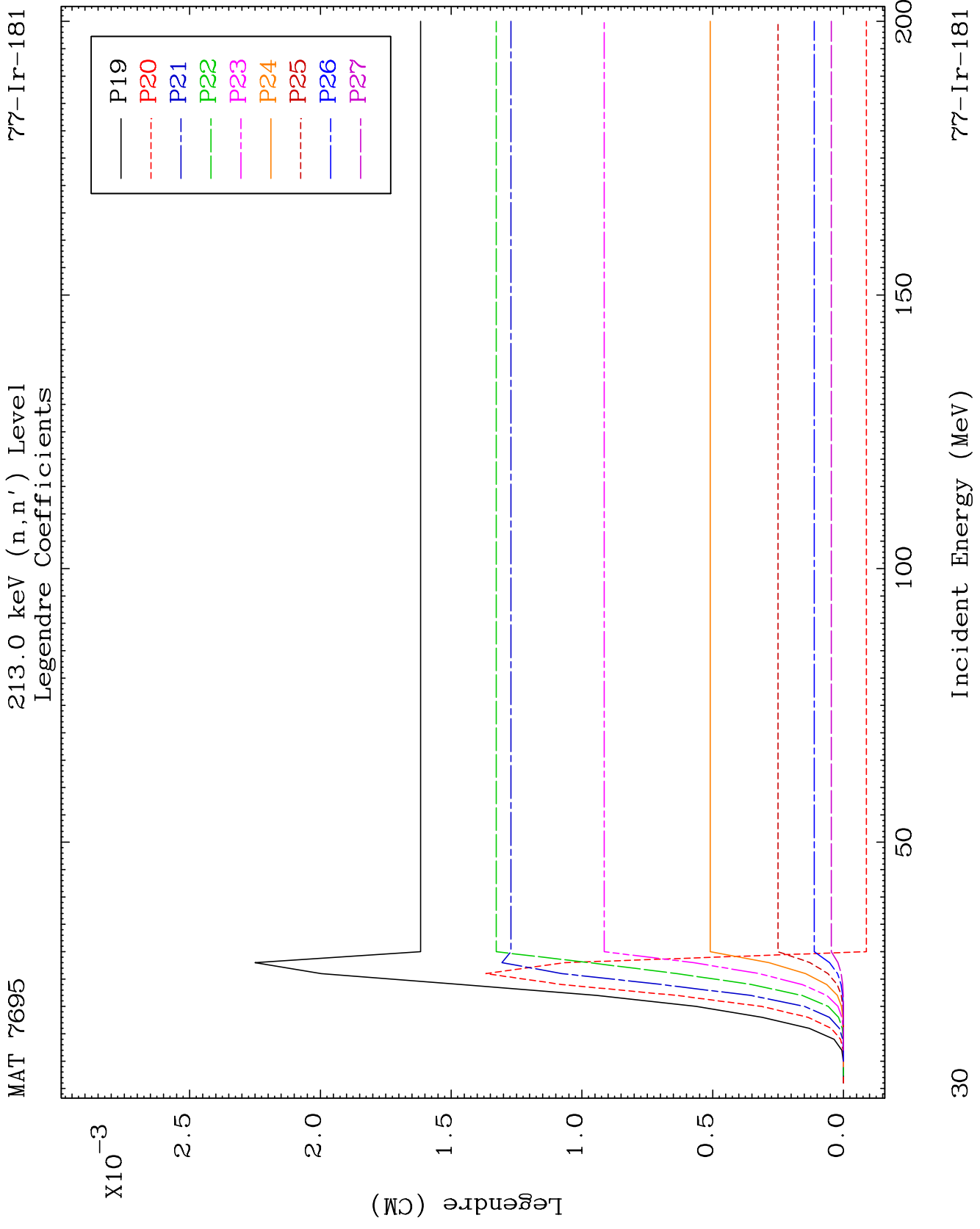
⁷⁷Ir-181



⁷⁷Ir-181

Incident Energy (MeV)

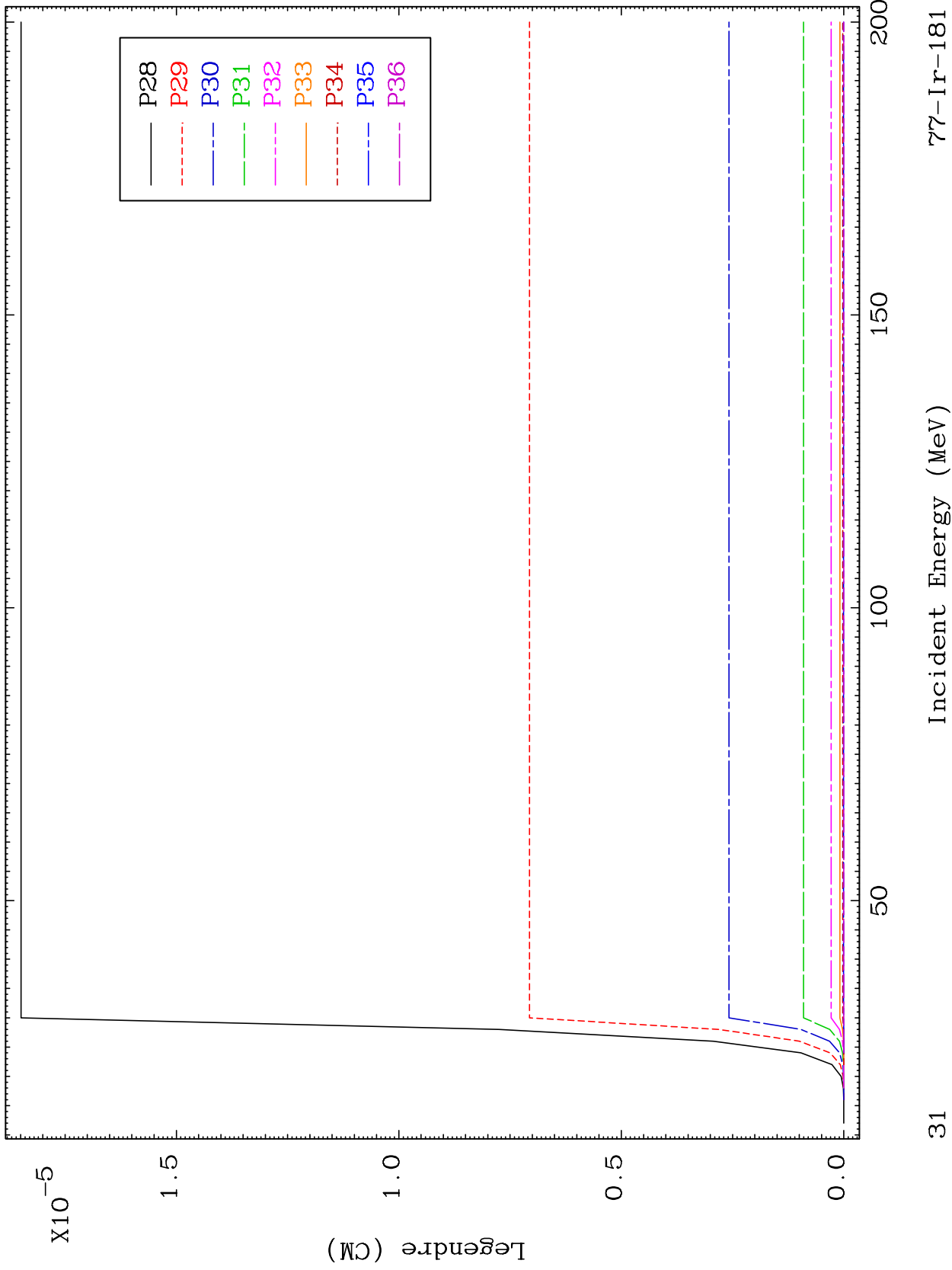
29



MAT 7695

213.0 keV (n,n') Level
Legendre Coefficients

77-Ir-181



31

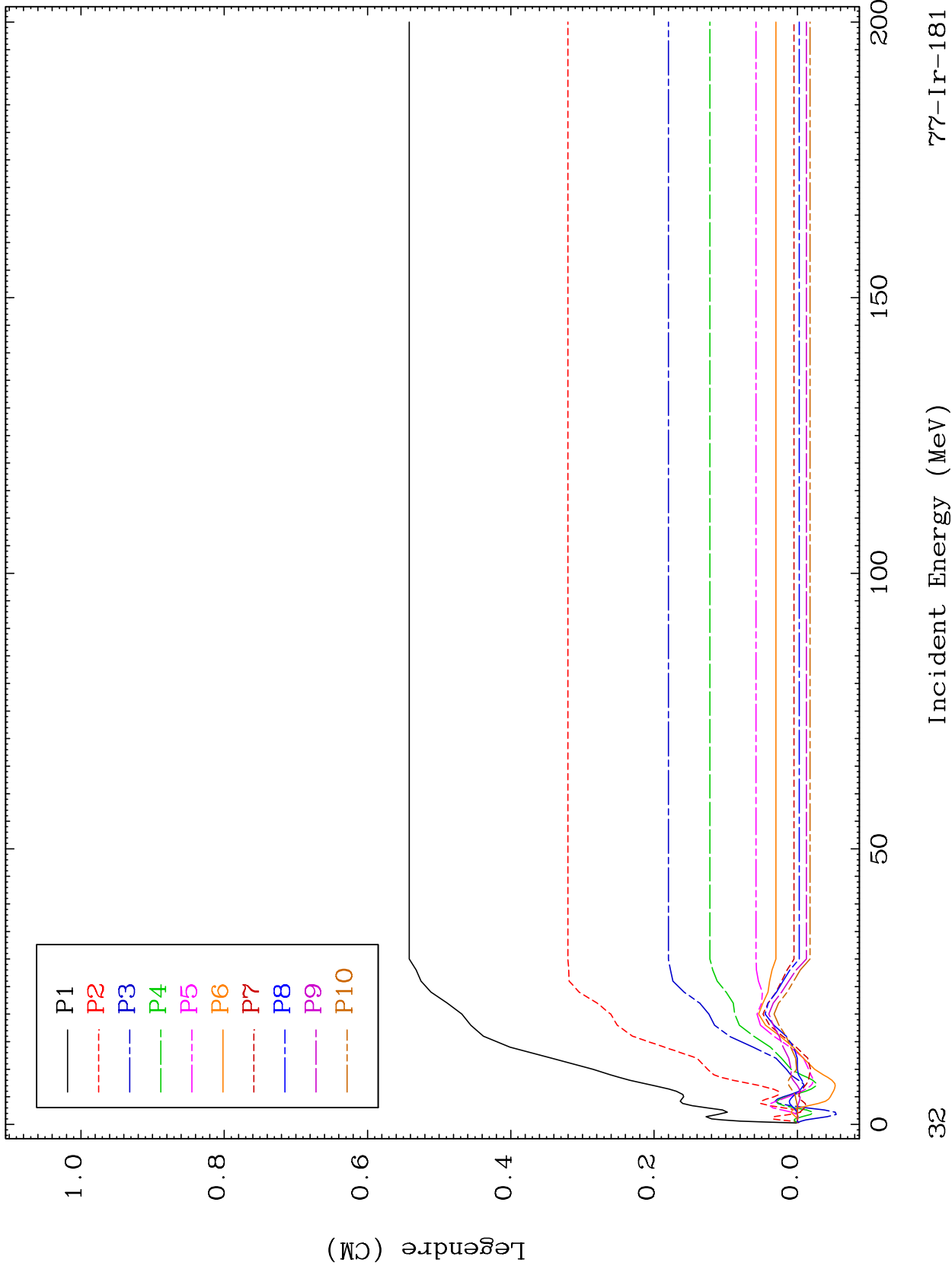
Incident Energy (MeV)

77-Ir-181

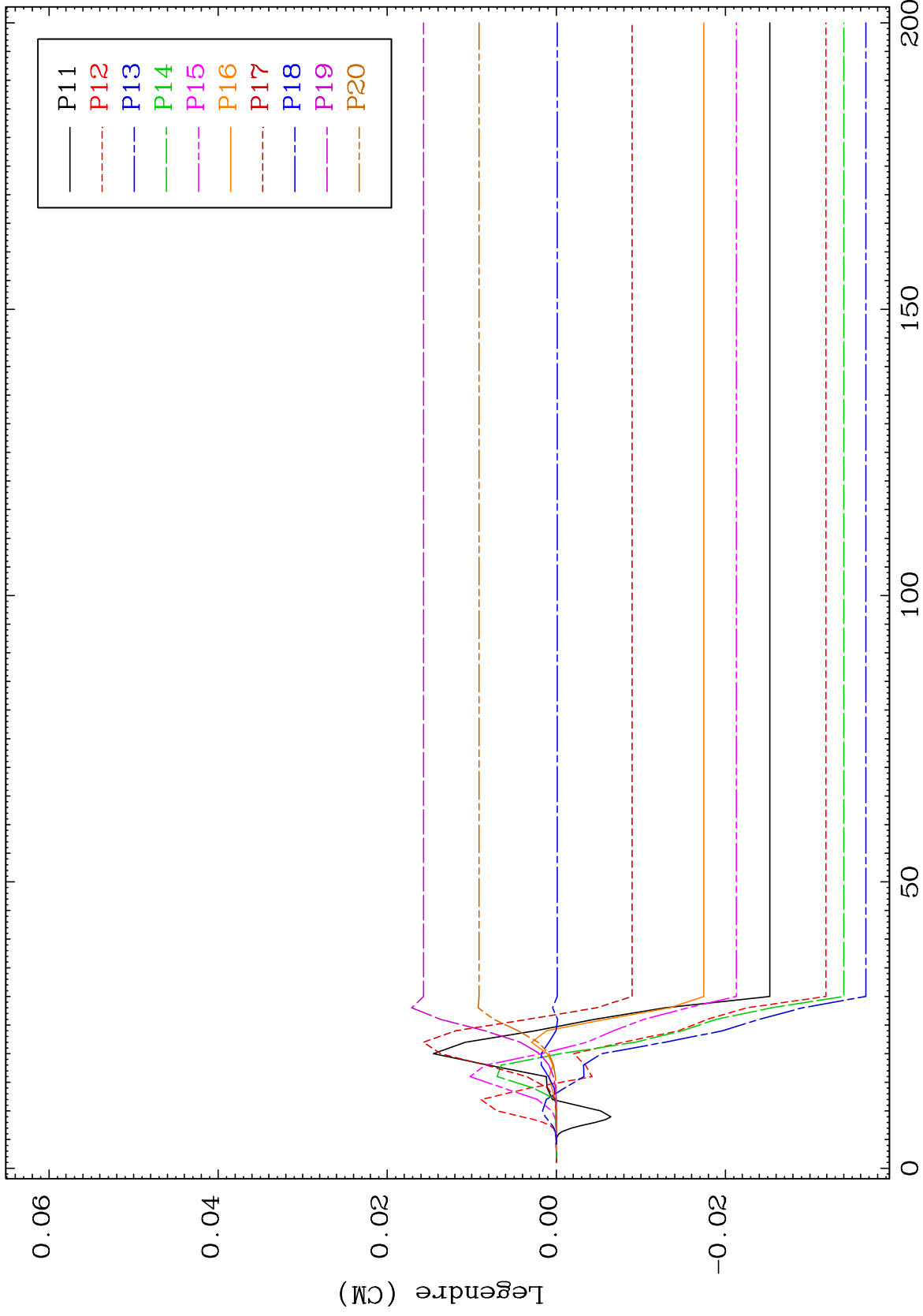
MAT 7695

243.1 keV (n,n') Level
Legendre Coefficients

77-Ir-181



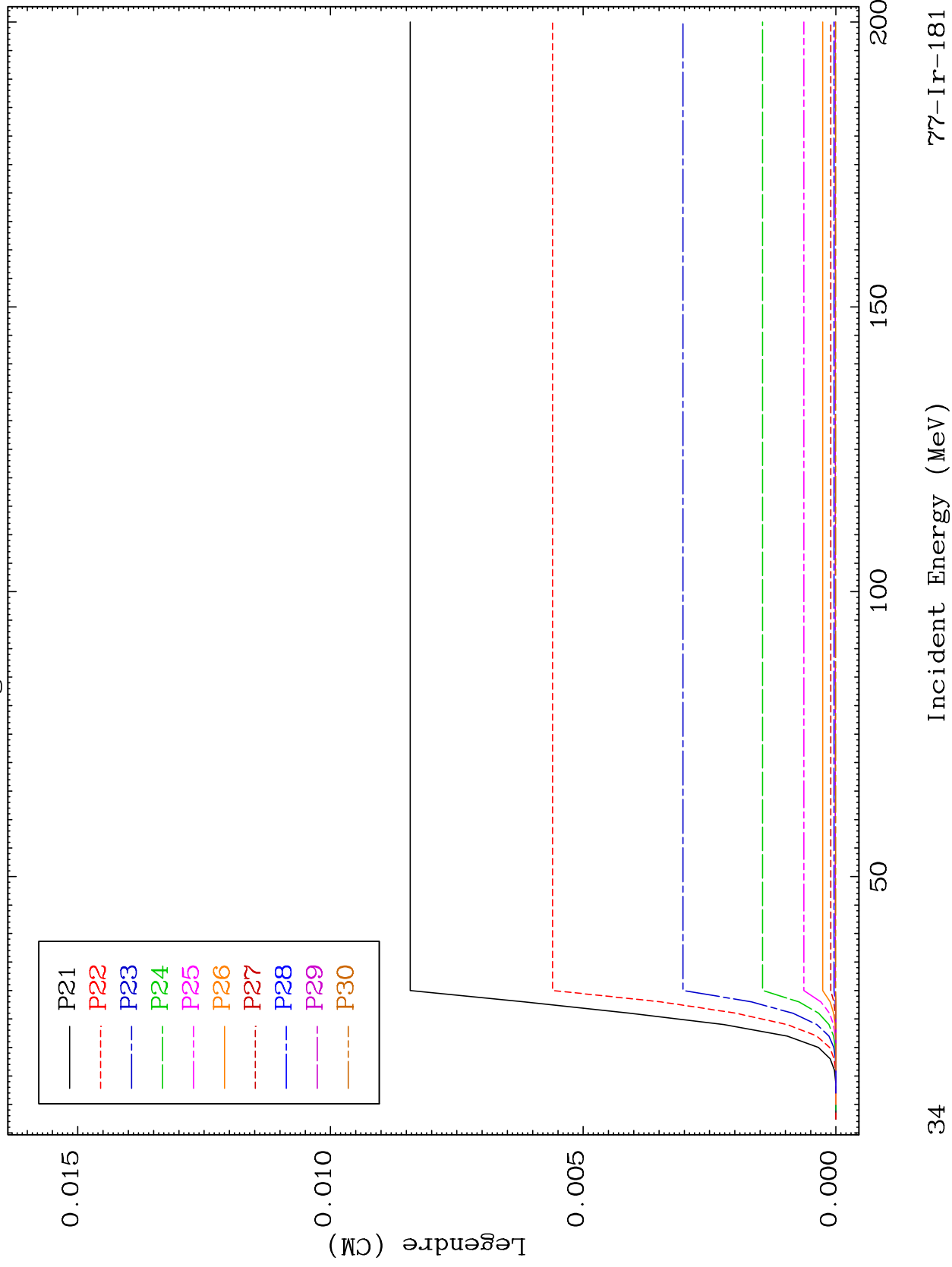
32



MAT 7695

243.1 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



34

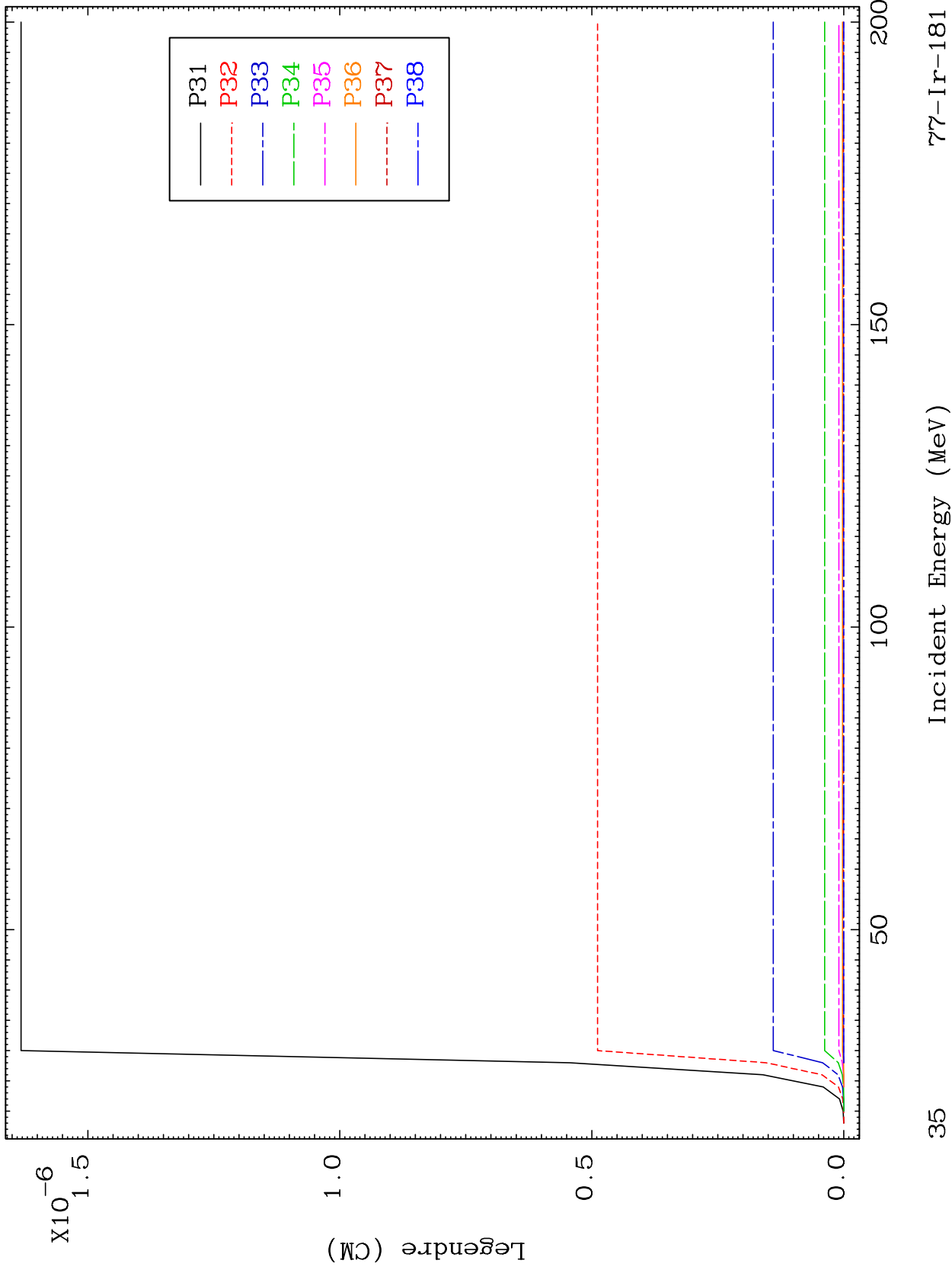
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

243.1 keV (n,n') Level
Legendre Coefficients

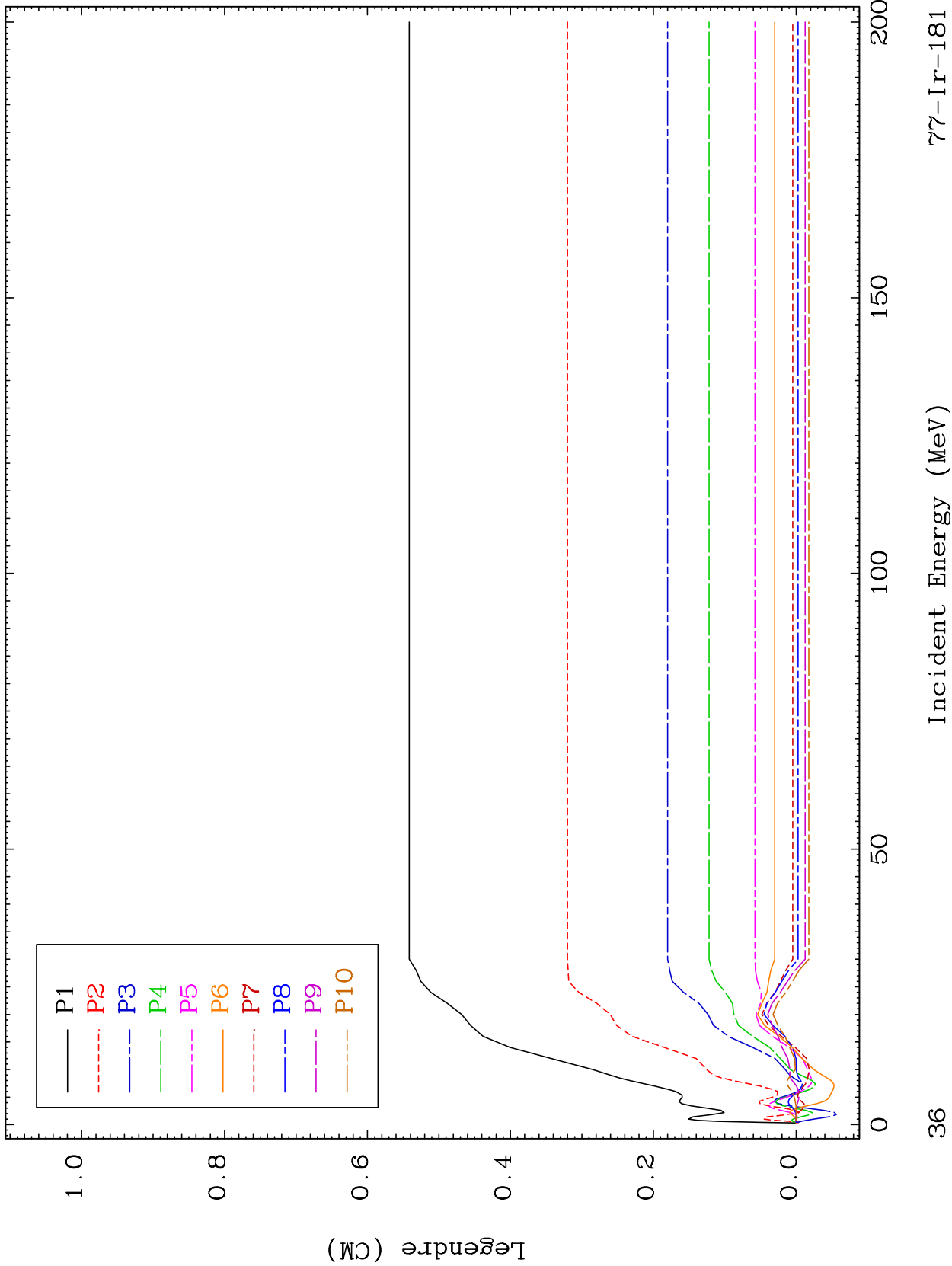
77-Ir-181



35

Incident Energy (MeV)

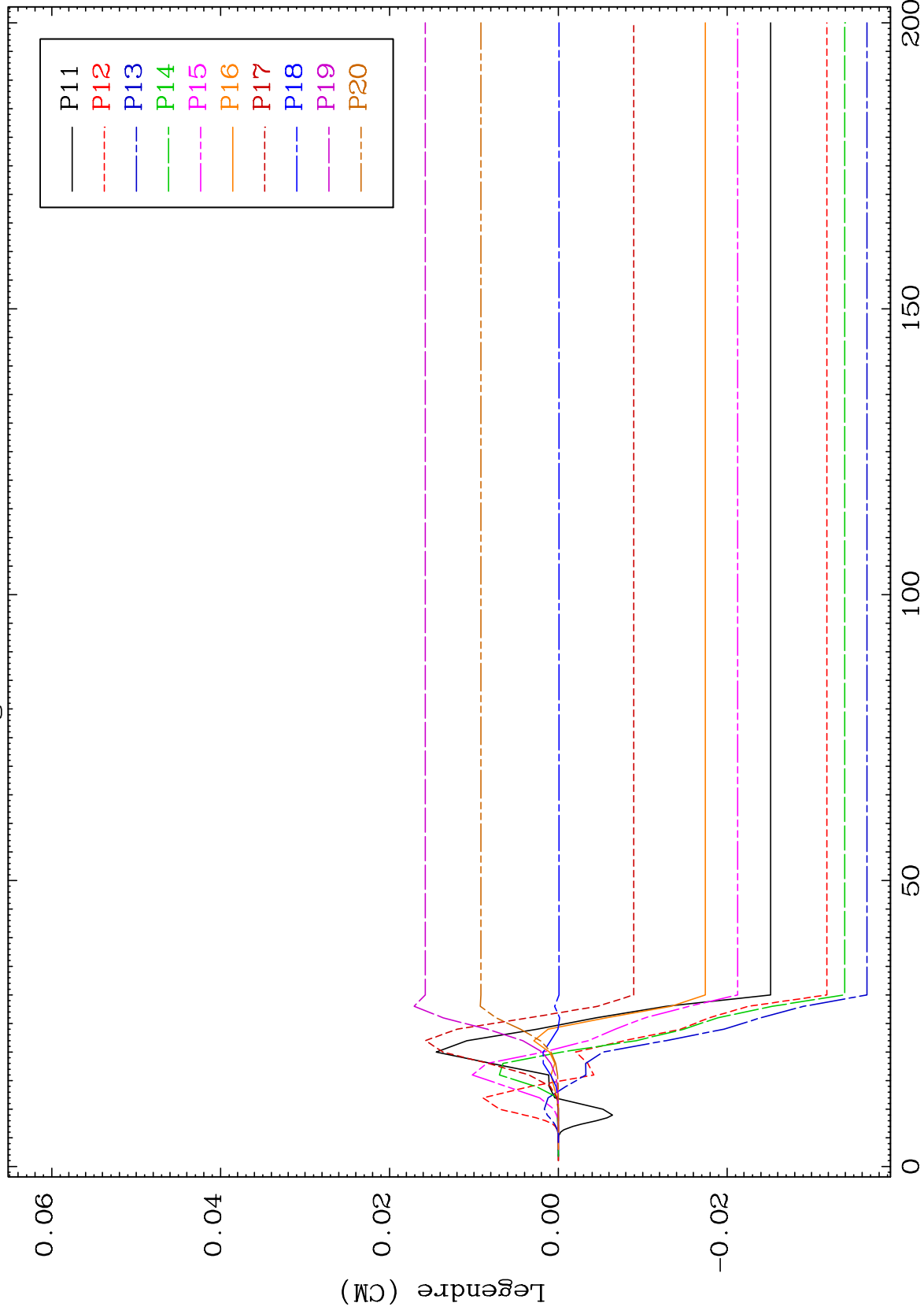
77-Ir-181



MAT 7695

289.3 keV (n,n') Level
Legendre Coefficients

77-Ir-181



37

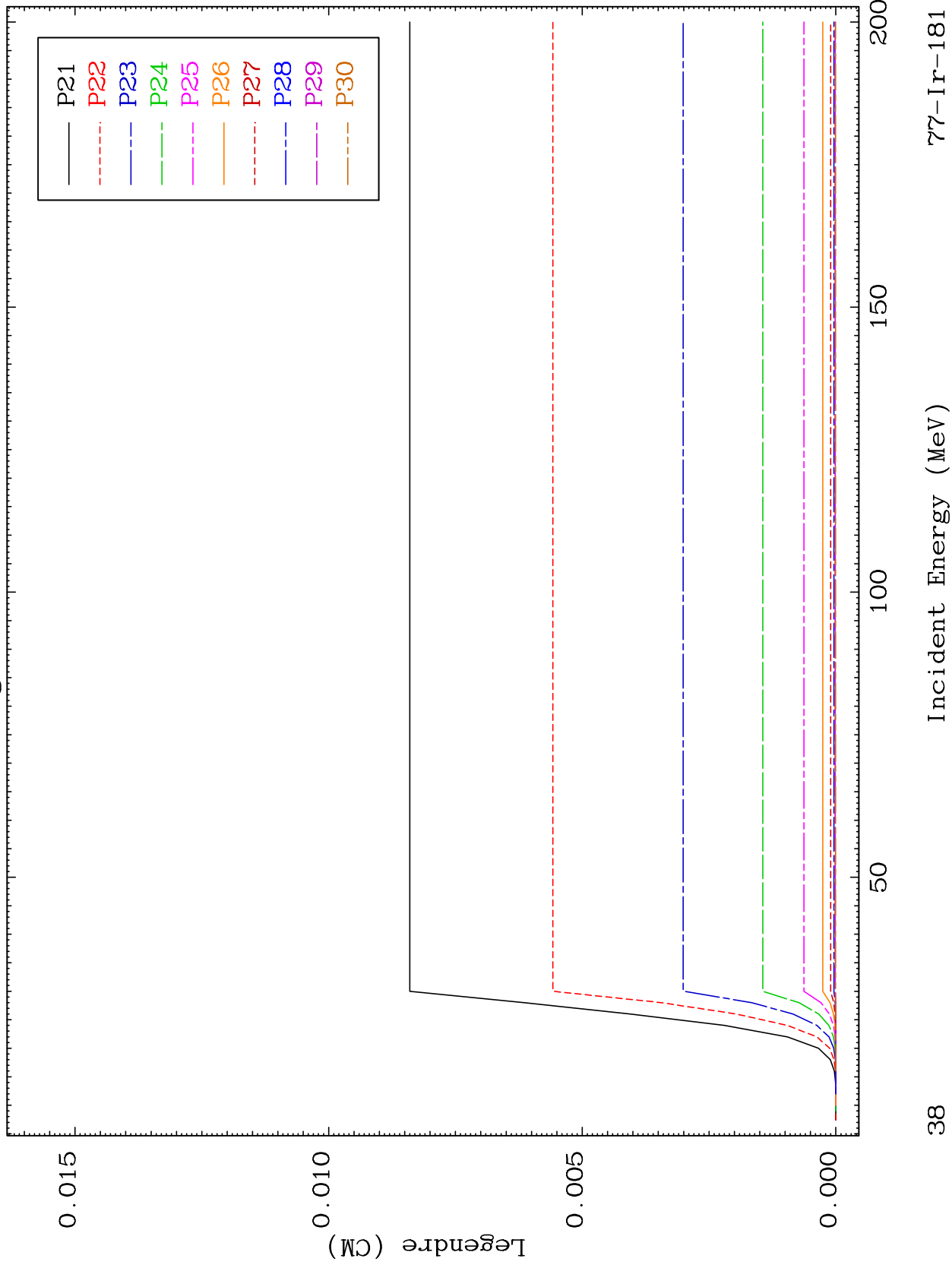
Incident Energy (MeV)

77-Ir-181

MAT 7695

289.3 keV (n,n') Level
Legendre Coefficients

77-Ir-181



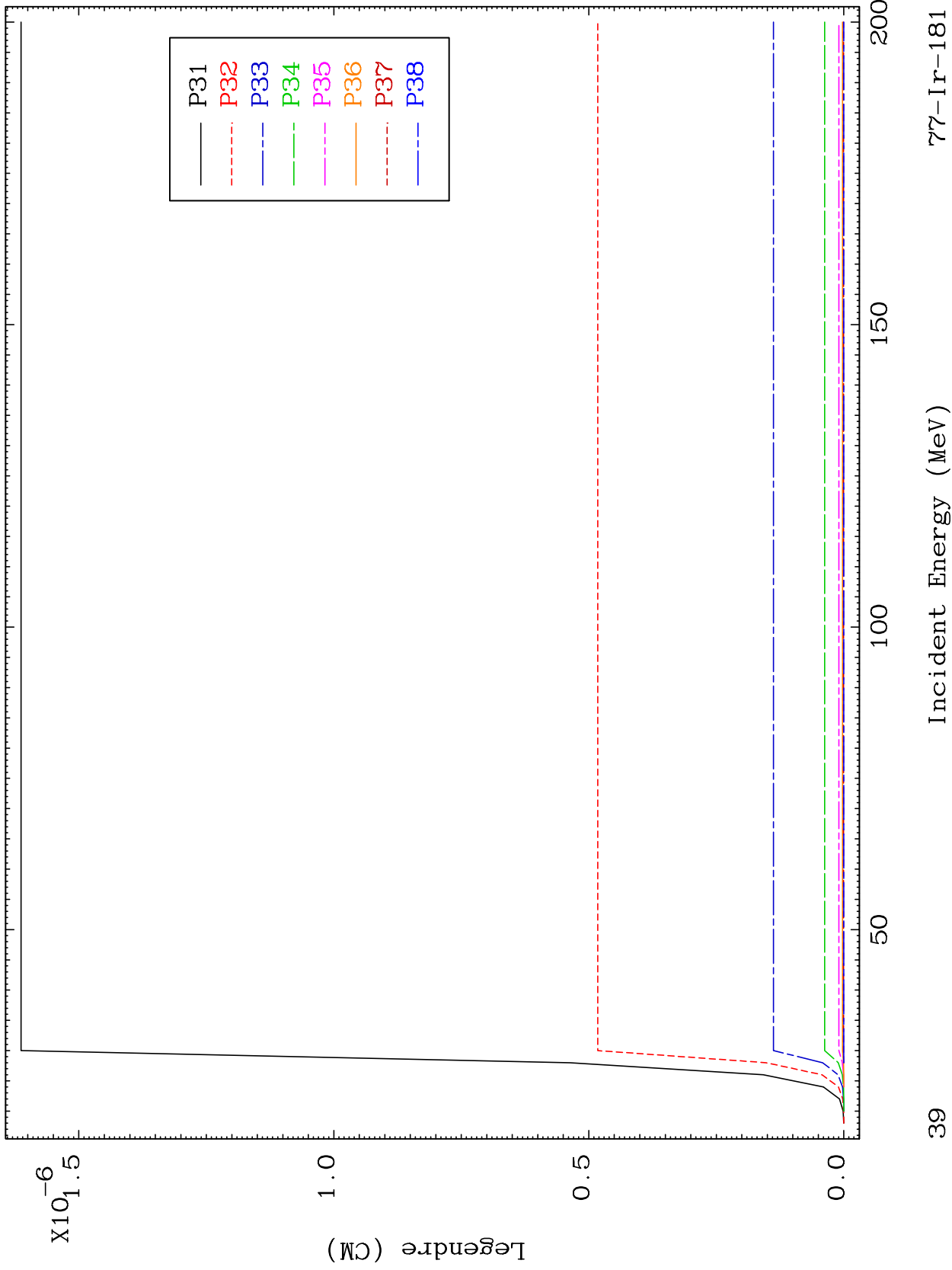
38

77-Ir-181

MAT 7695

289.3 keV (n,n') Level
Legendre Coefficients

77-Ir-181

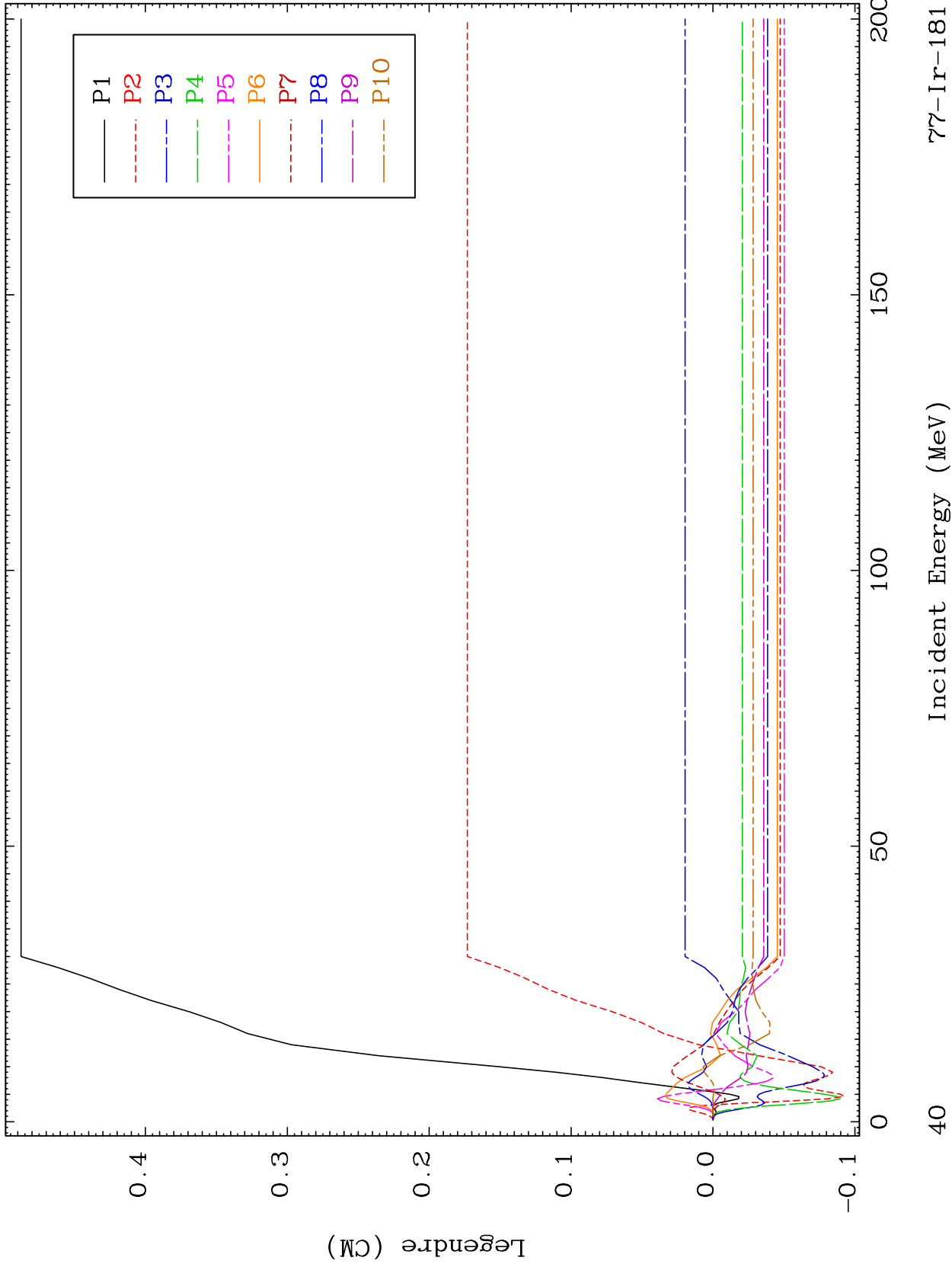


39

MAT 7695

298.9 keV (n,n') Level
Legendre Coefficients

77-Ir-181

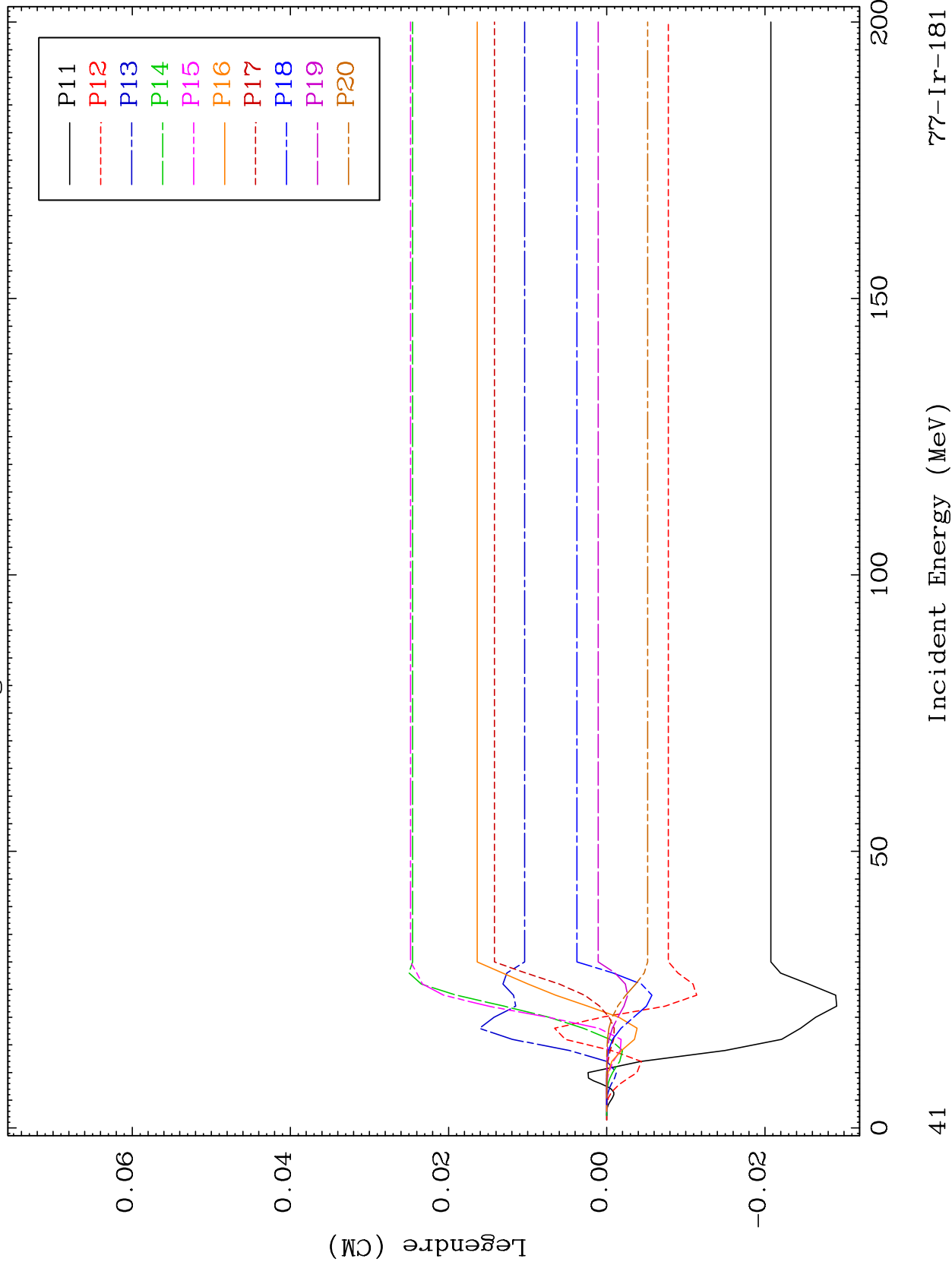


77-Ir-181

MAT 7695

298.9 keV (n,n') Level
Legendre Coefficients

77-Ir-181



41

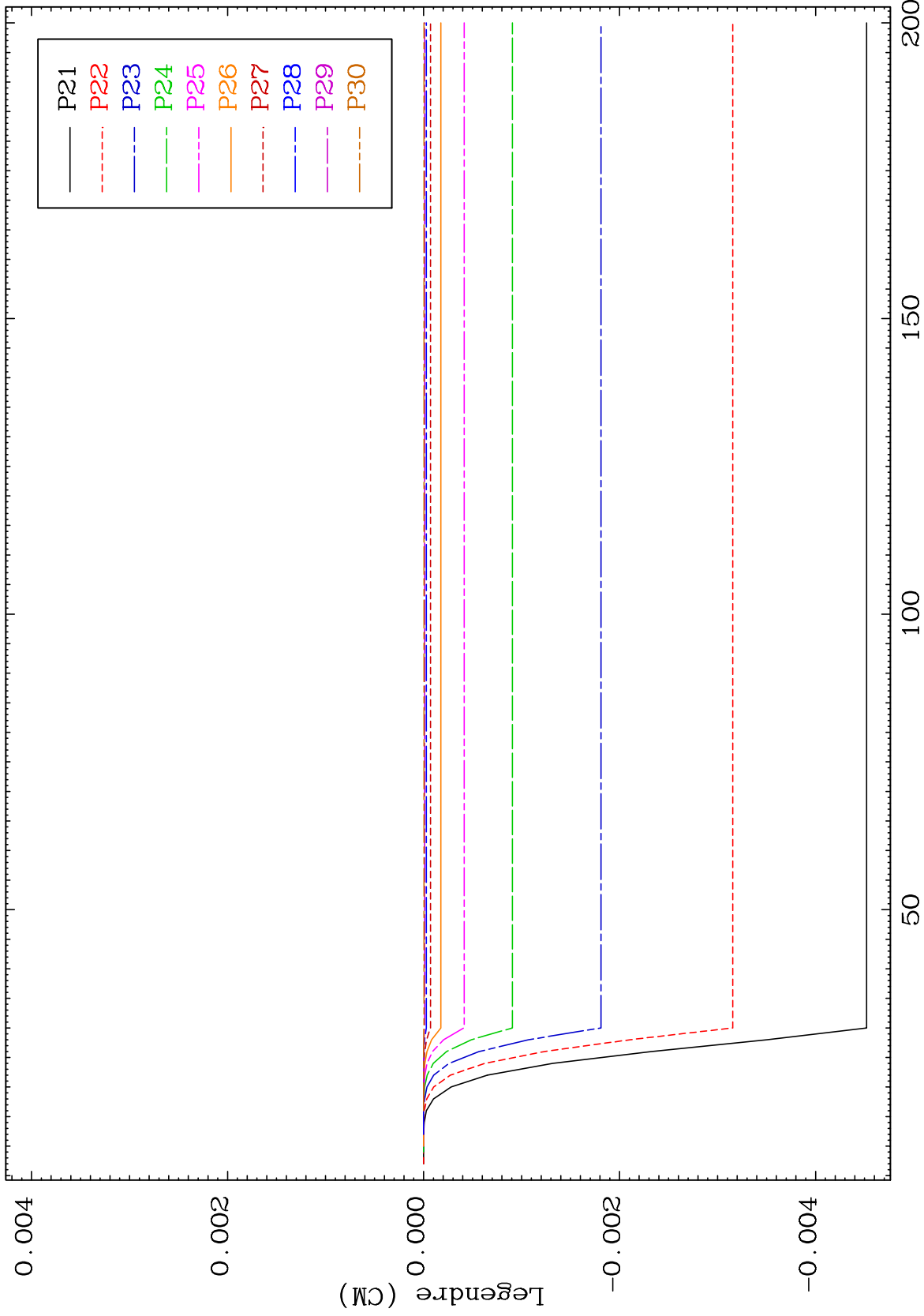
Incident Energy (MeV)

77-Ir-181

MAT 7695

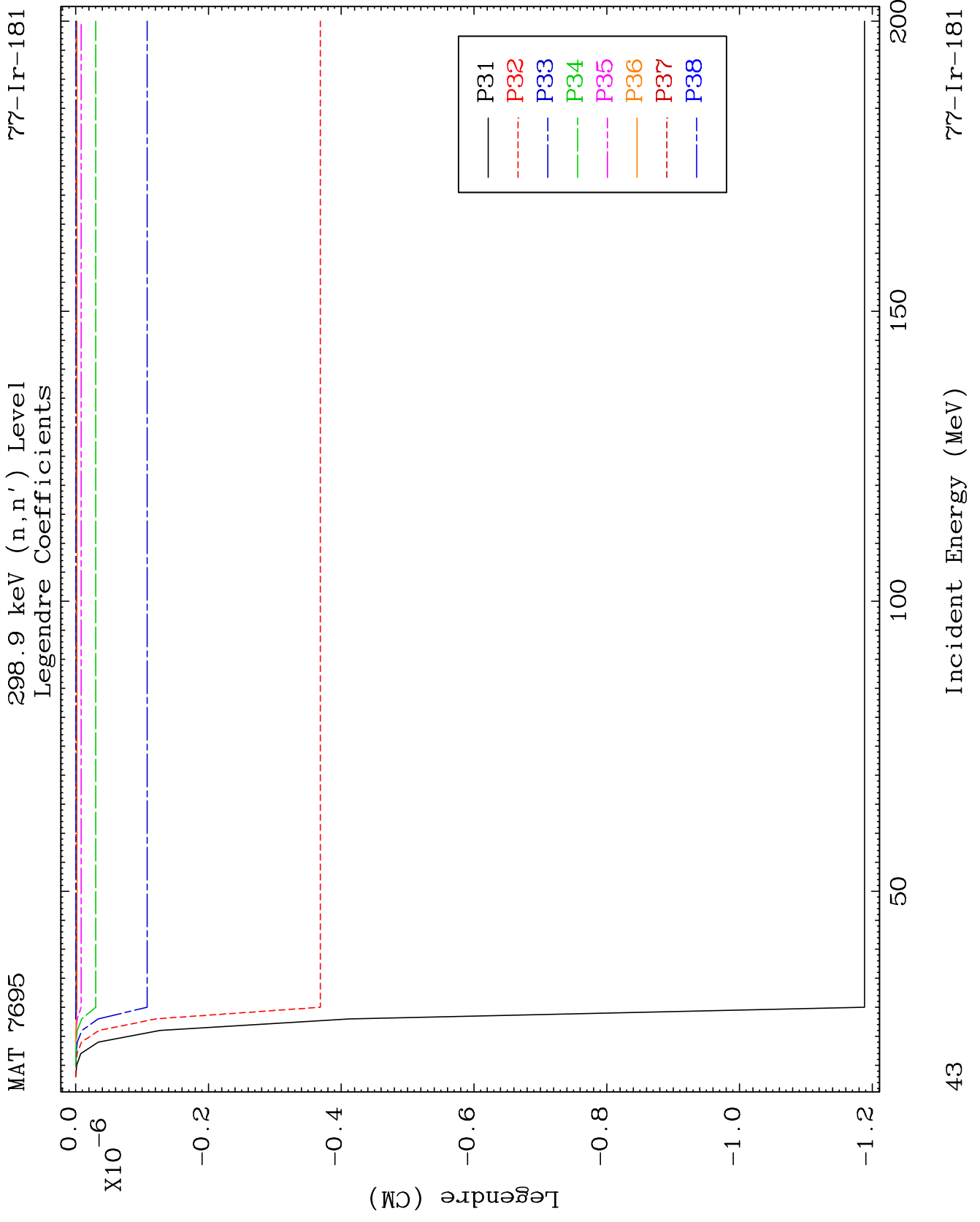
298.9 keV (n,n') Level
Legendre Coefficients

77-Ir-181



42

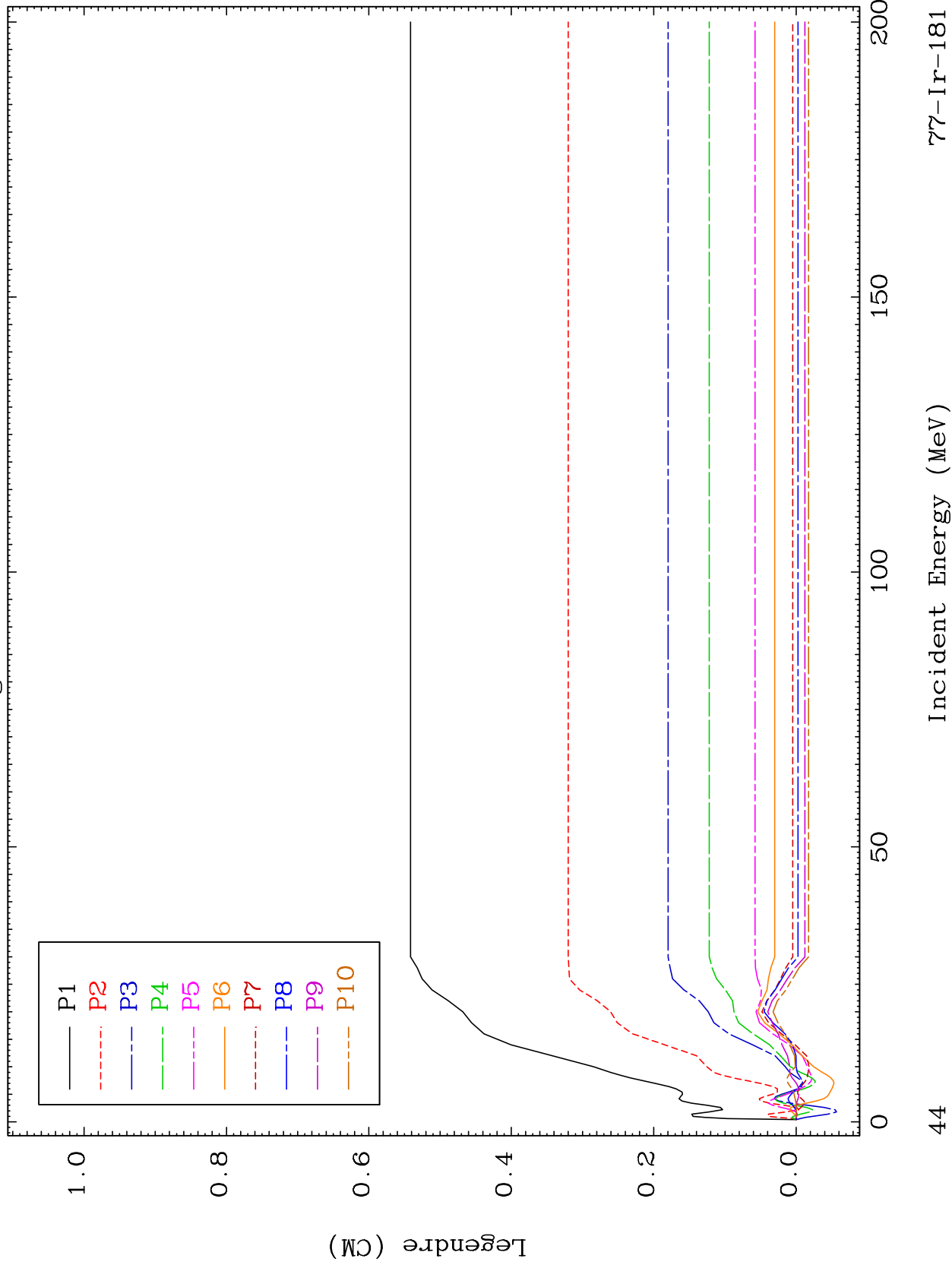
77-Ir-181



MAT 7695

310.2 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



44

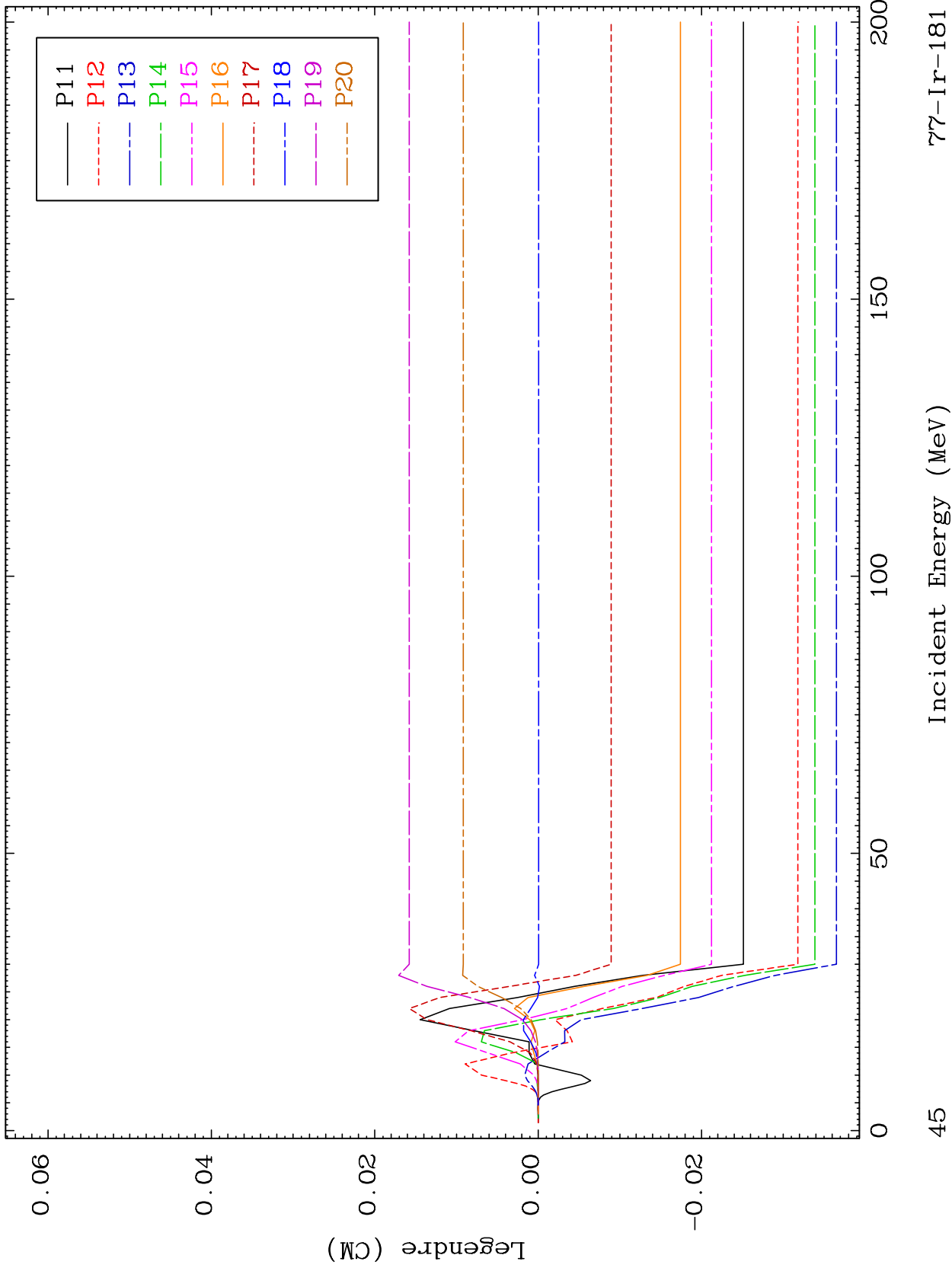
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

310.2 keV (n,n') Level
Legendre Coefficients

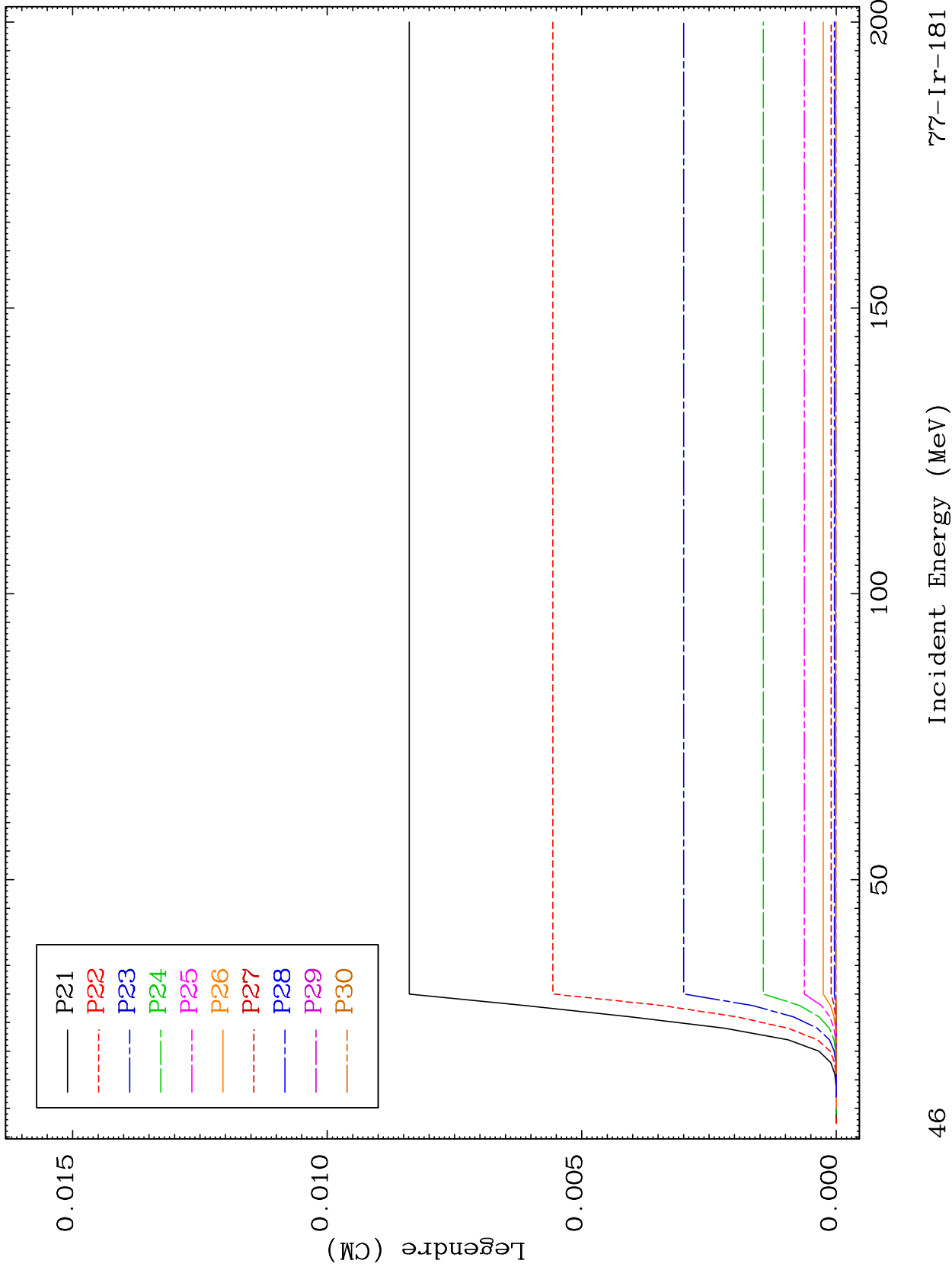
77-Ir-181



MAT 7695

310.2 keV (n,n') Level
Legendre Coefficients

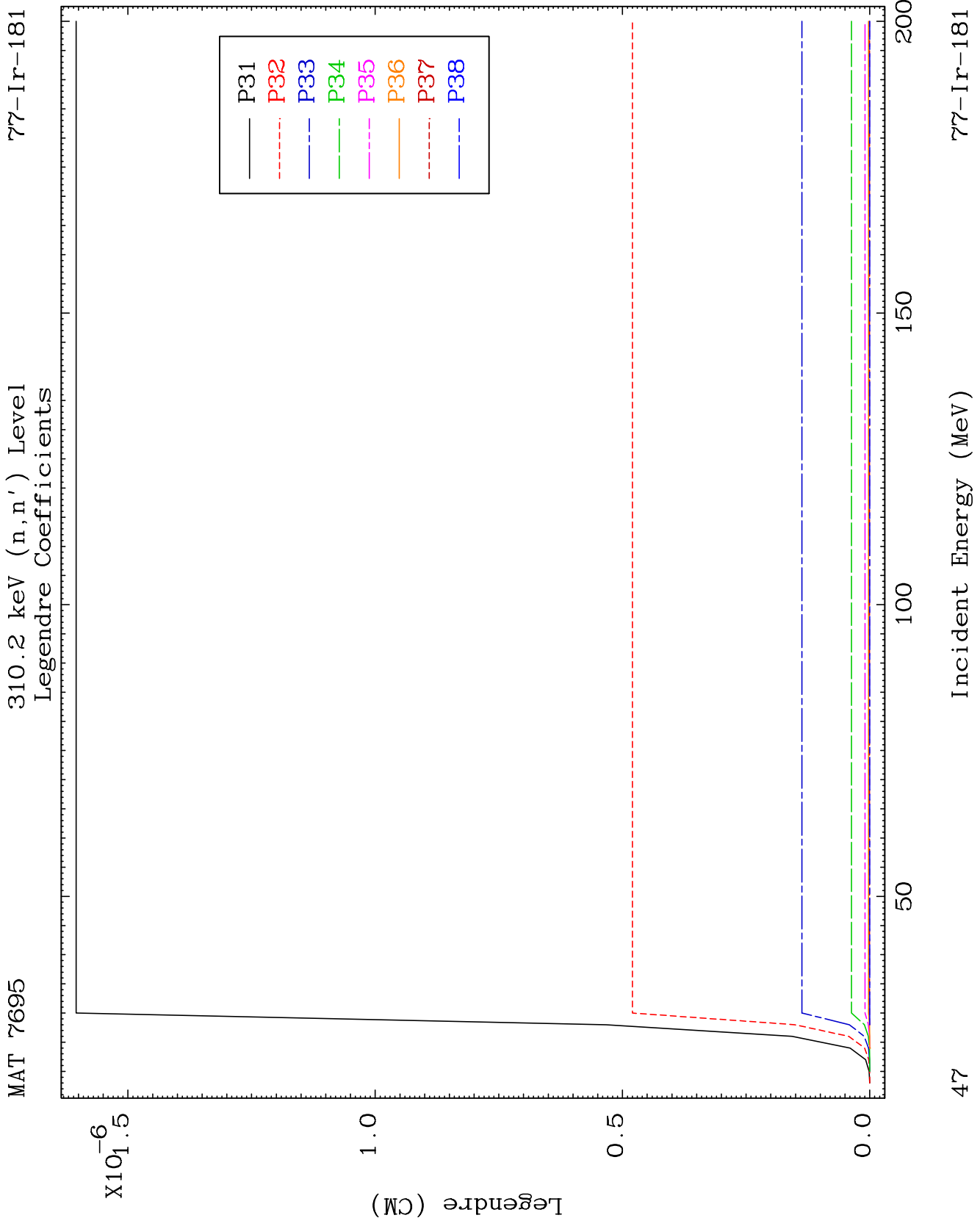
77-Ir-181

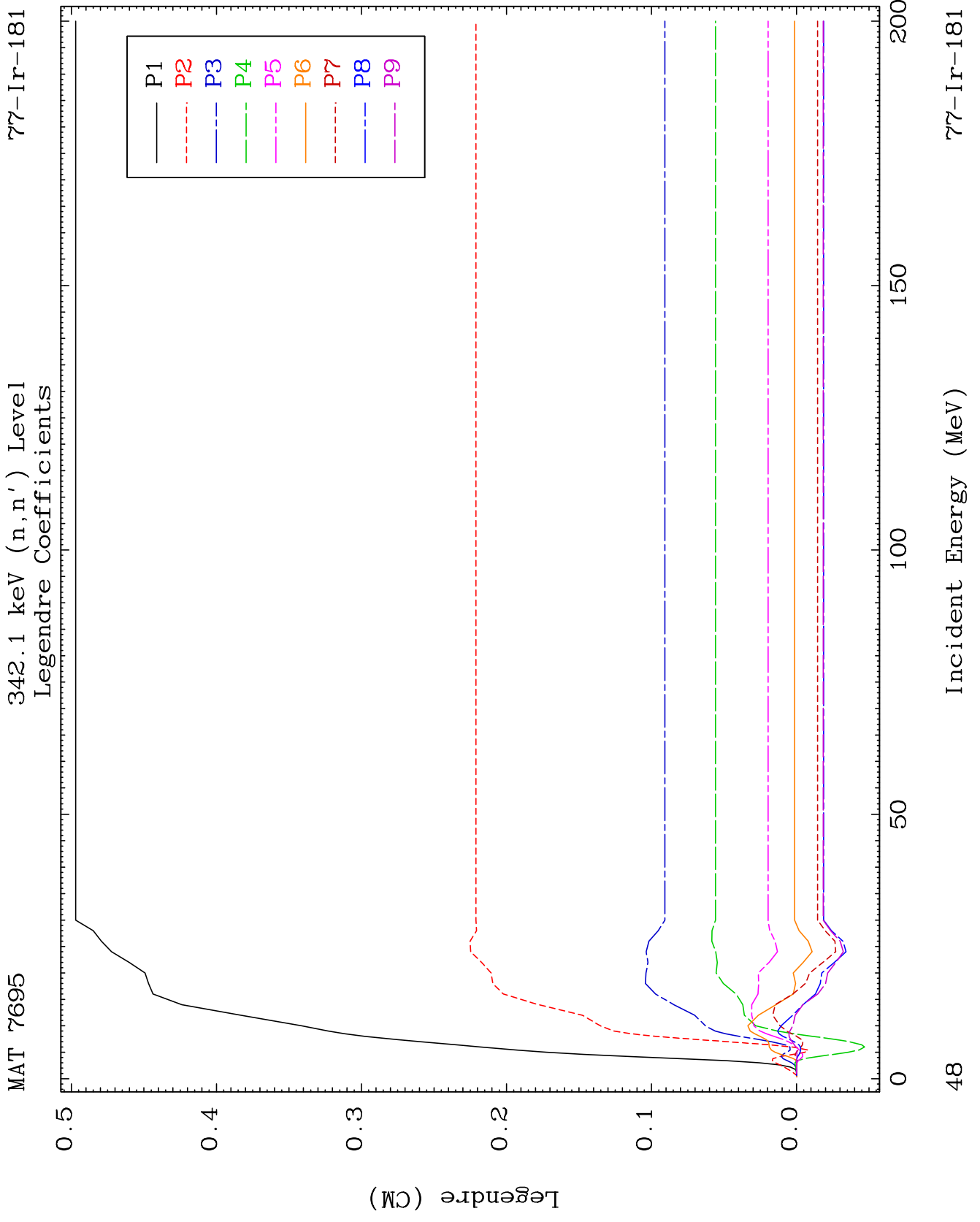


46

Incident Energy (MeV)

77-Ir-181

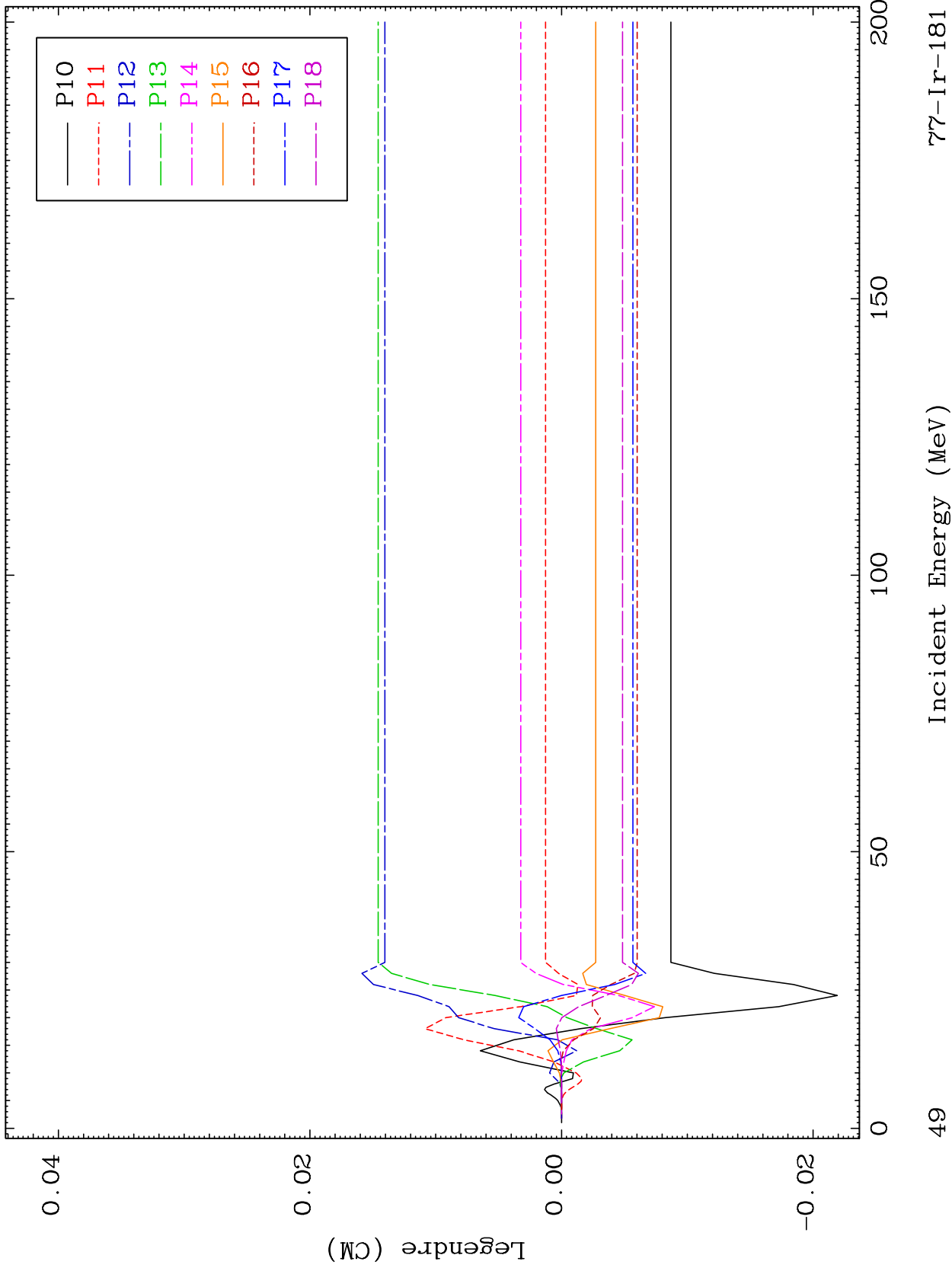




MAT 7695

342.1 keV (n,n') Level
Legendre Coefficients

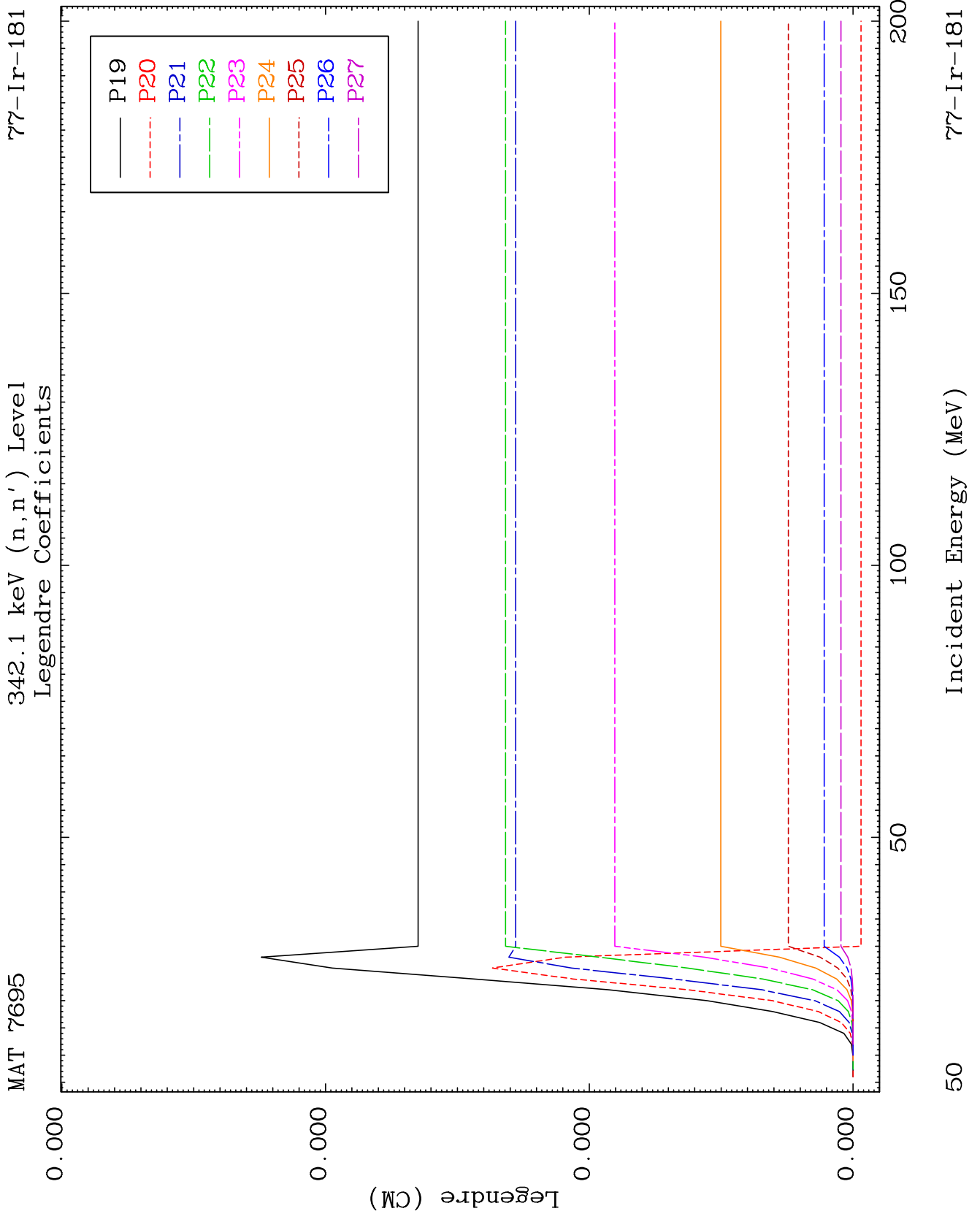
⁷⁷Ir-181



⁷⁷Ir-181

Incident Energy (MeV)

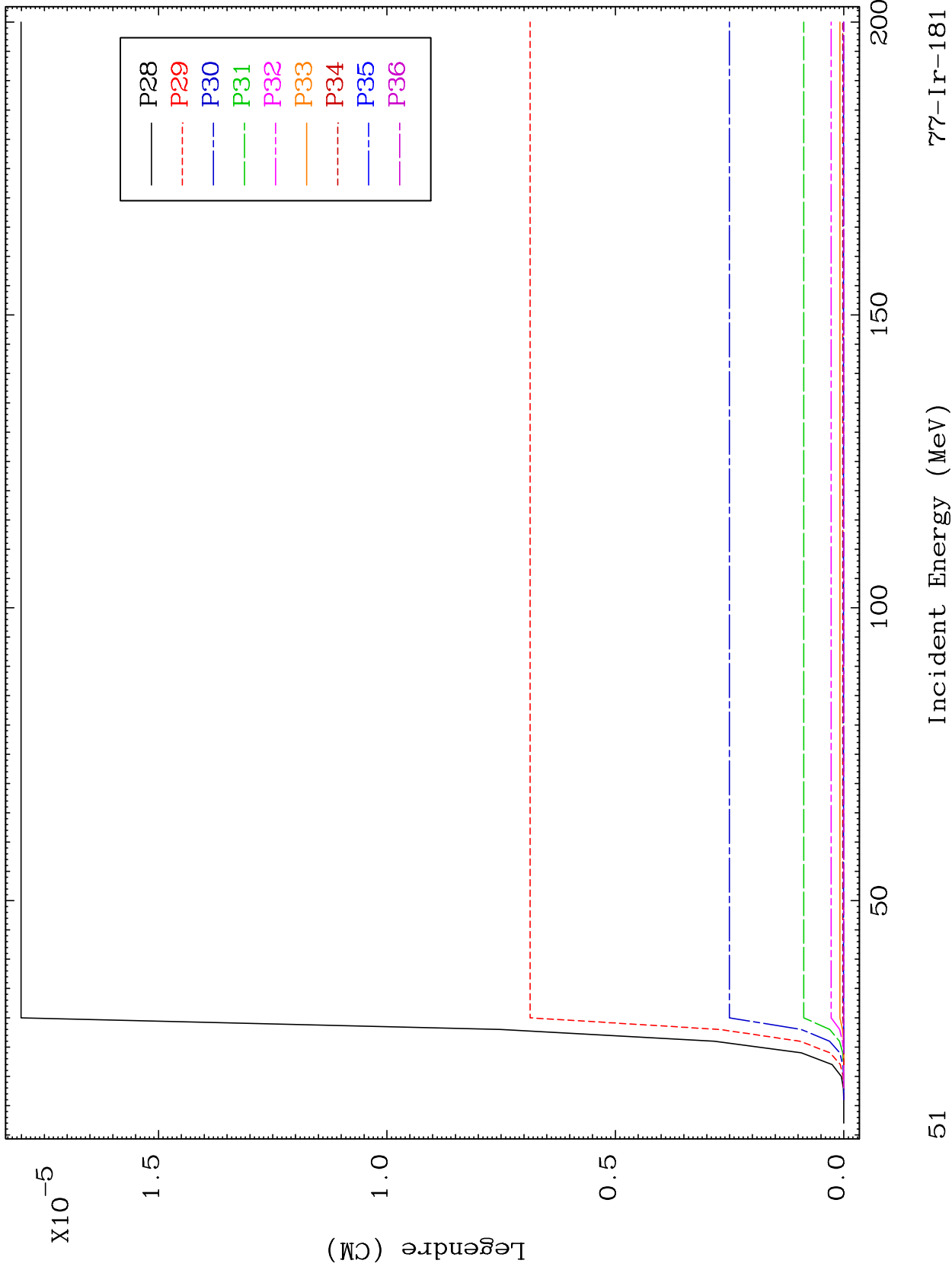
49



MAT 7695

342.1 keV (n,n') Level
Legendre Coefficients

77-Ir-181

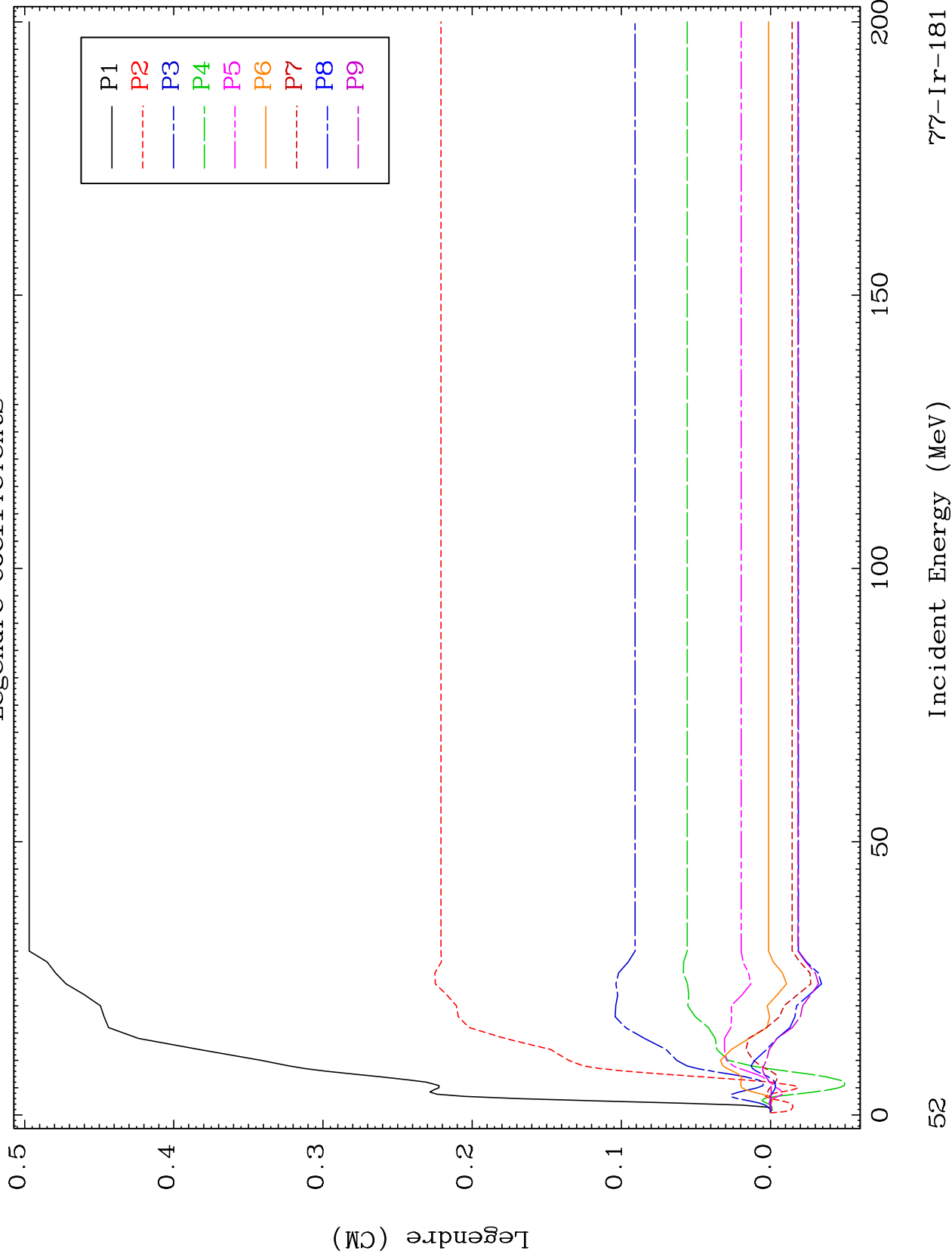


51

MAT 7695

366.3 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



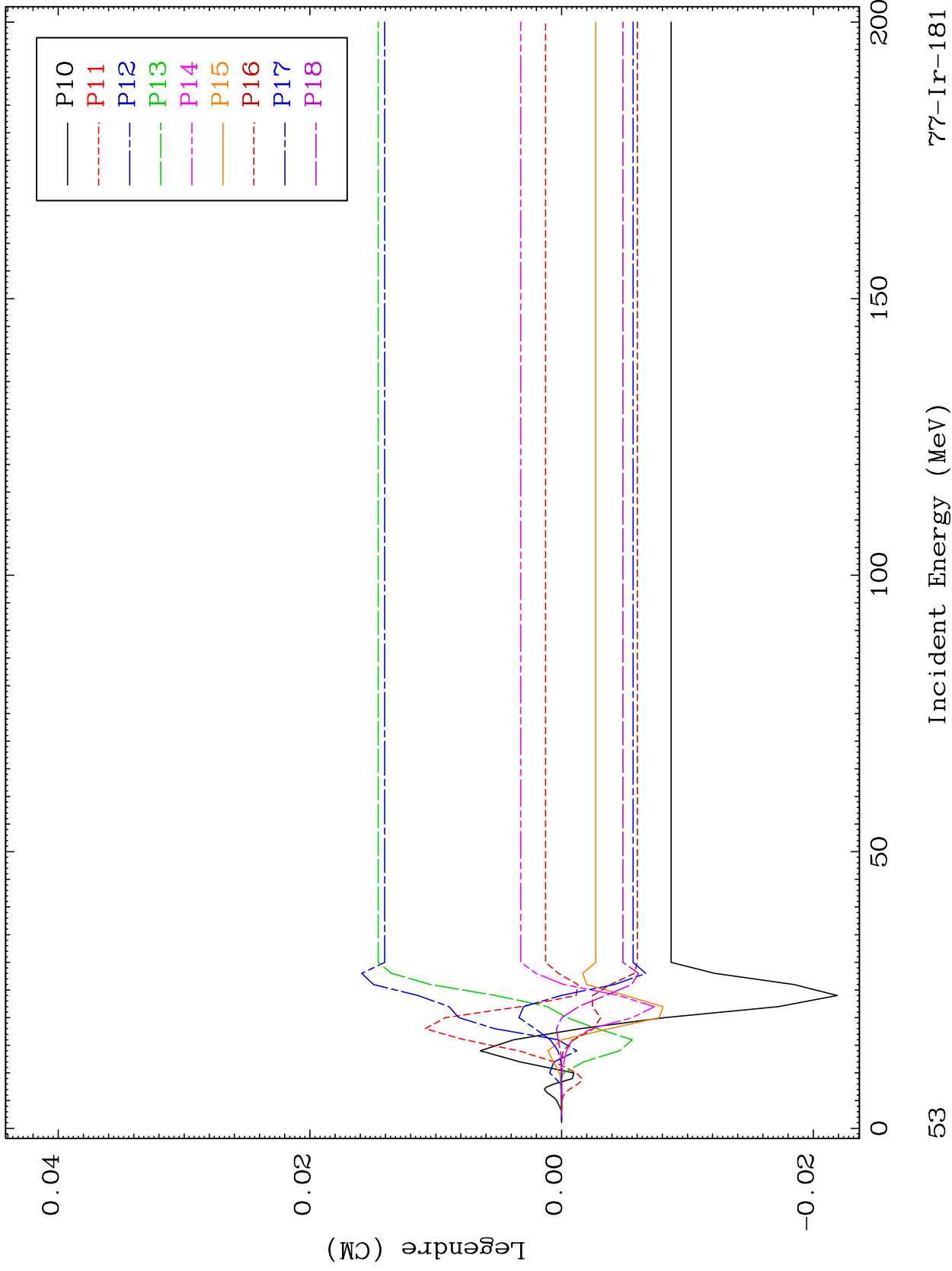
52

⁷⁷Ir-181

MAT 7695

366.3 keV (n,n') Level
Legendre Coefficients

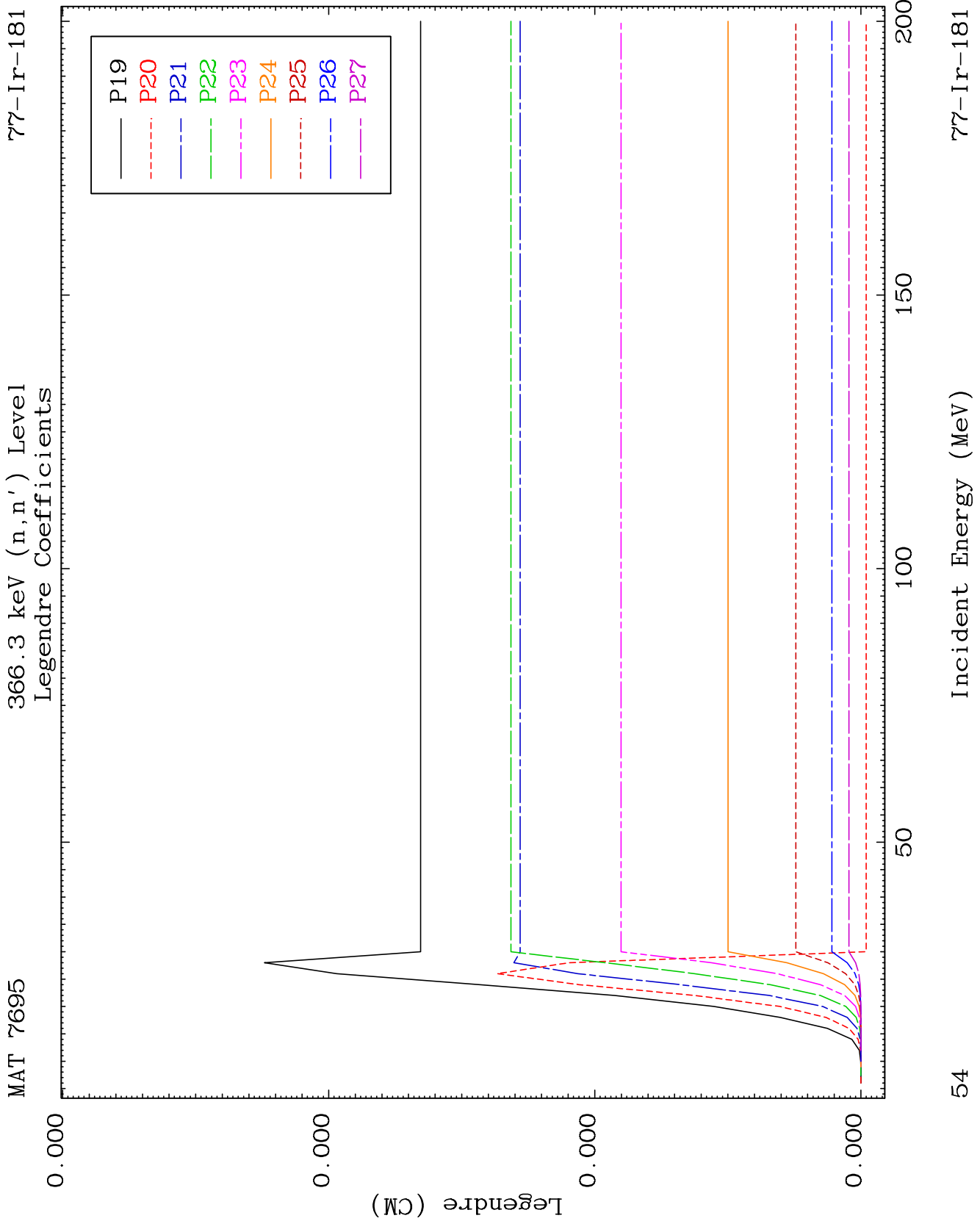
⁷⁷Ir-181



⁷⁷Ir-181

Incident Energy (MeV)

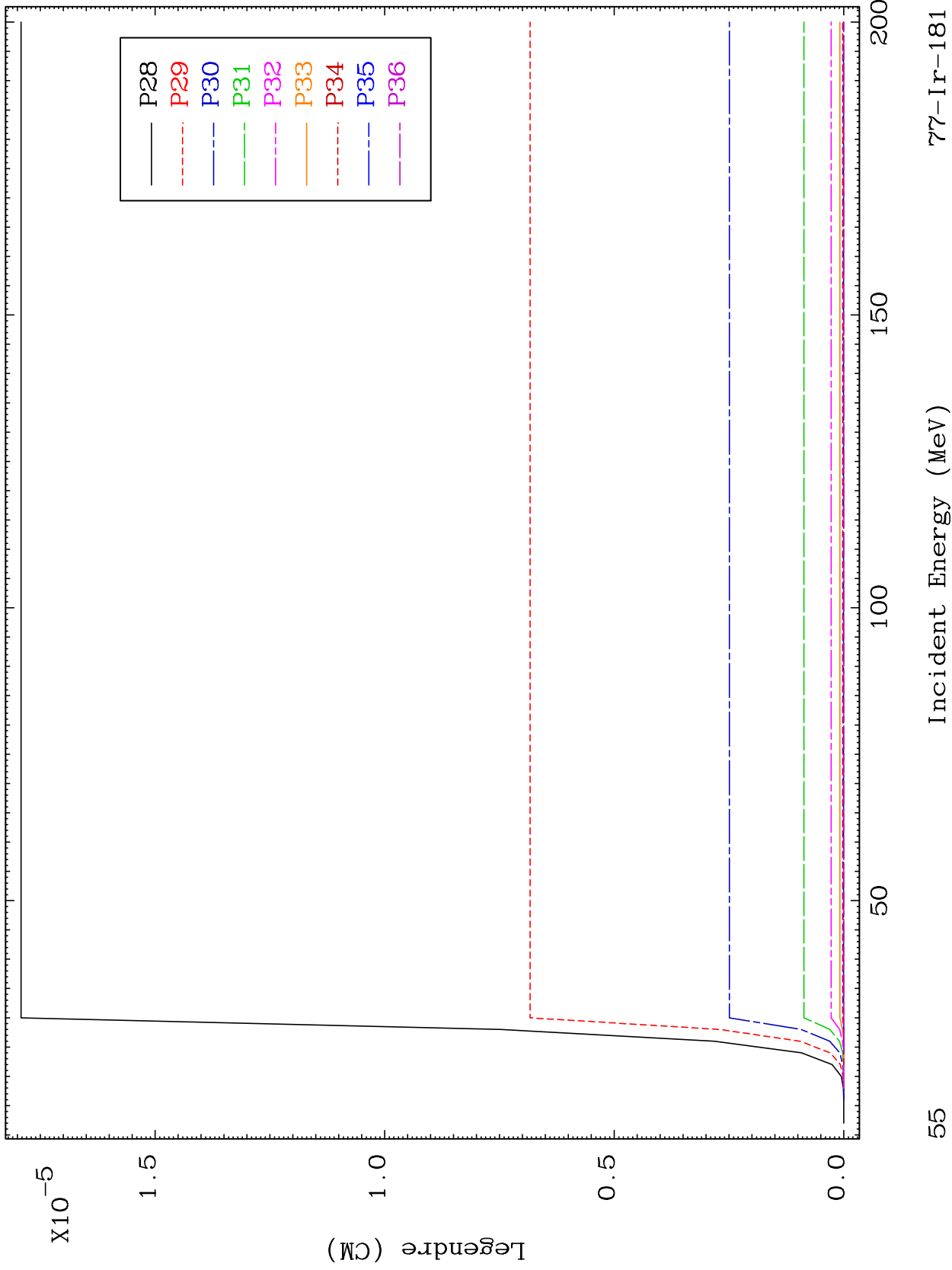
53



MAT 7695

366.3 keV (n,n') Level
Legendre Coefficients

77-Ir-181



55

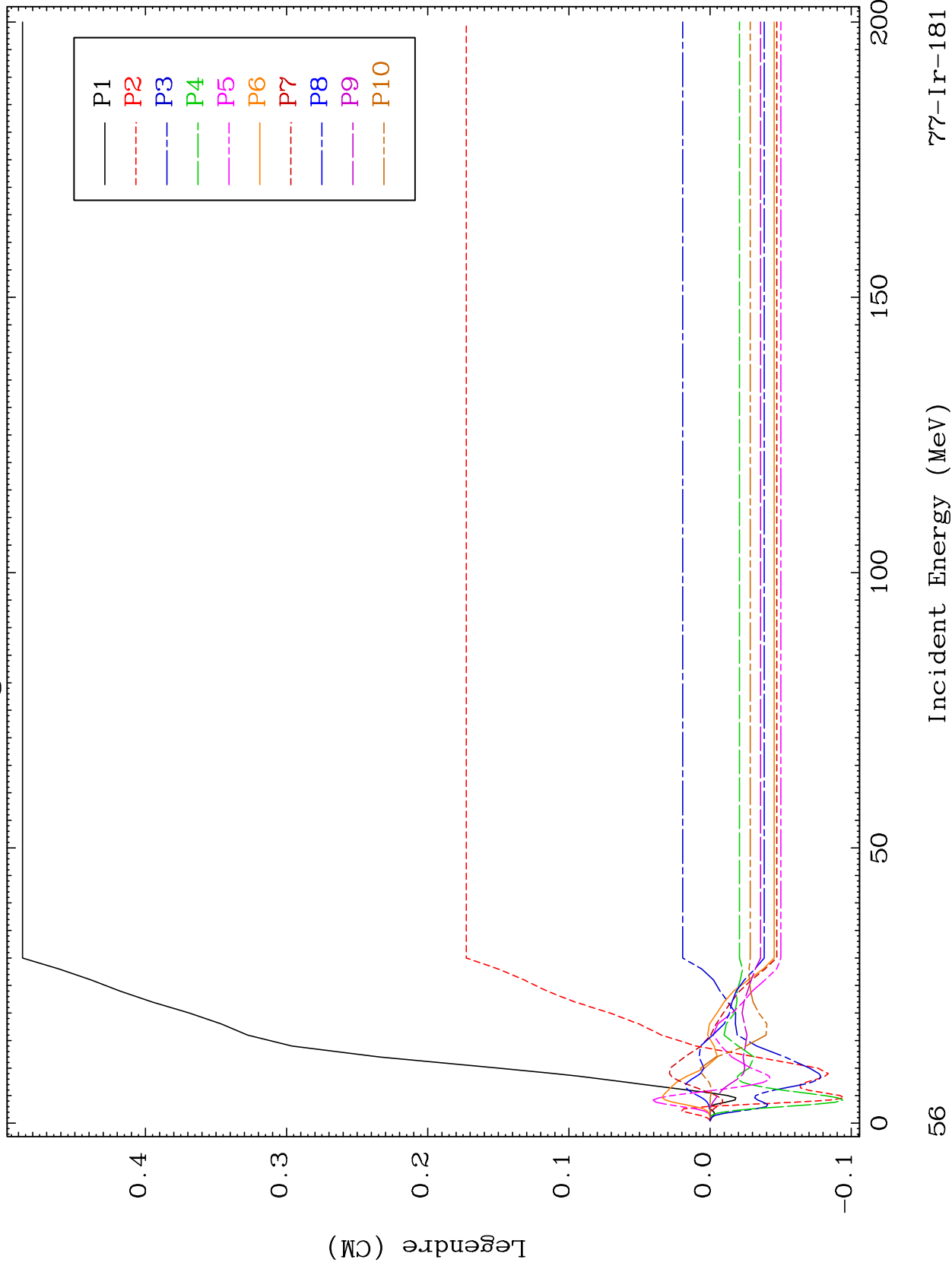
Incident Energy (MeV)

77-Ir-181

MAT 7695

393.1 keV (n,n') Level
Legendre Coefficients

77-Ir-181



77-Ir-181

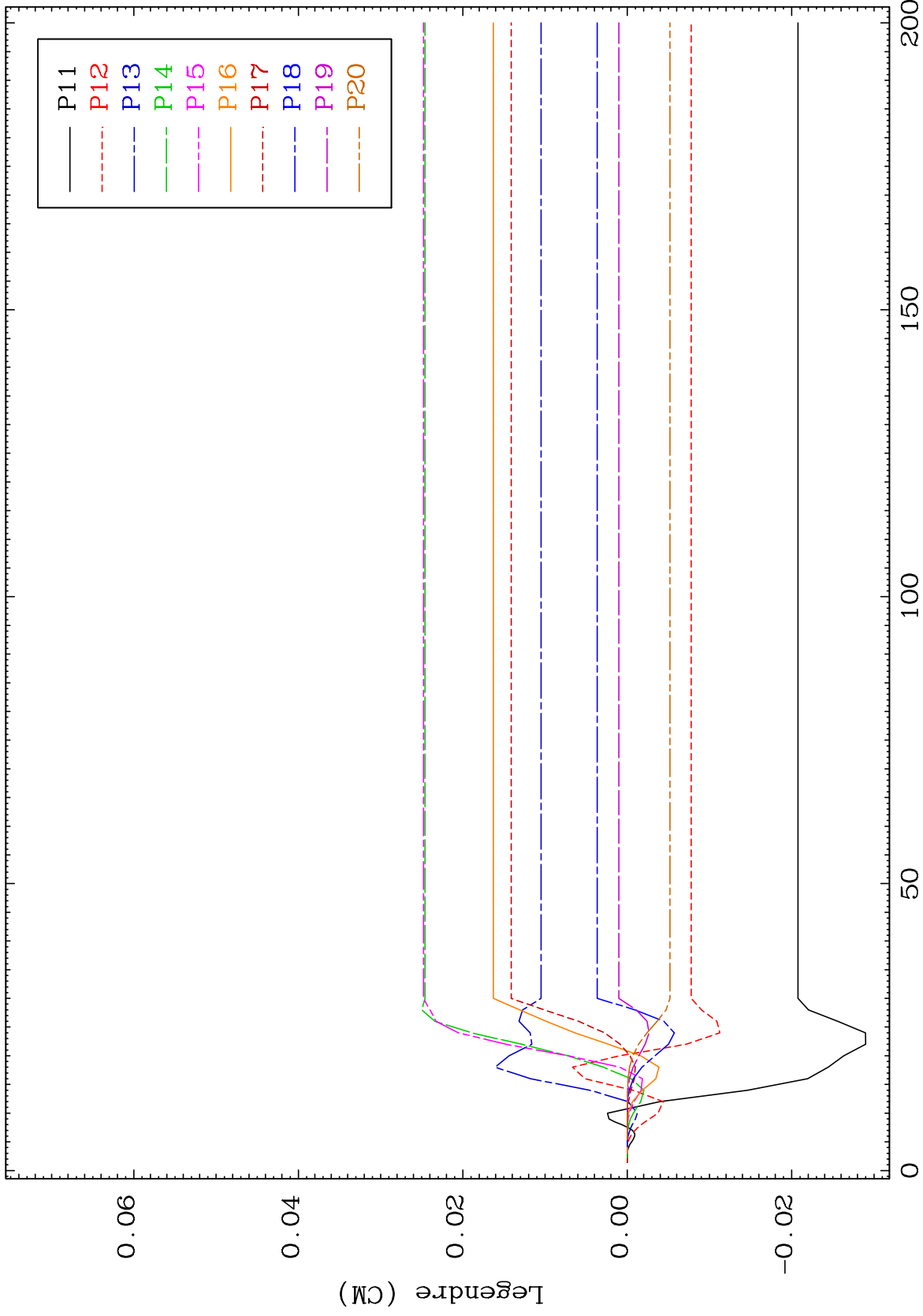
Incident Energy (MeV)

56

MAT 7695

393.1 keV (n,n') Level
Legendre Coefficients

77-Ir-181



57

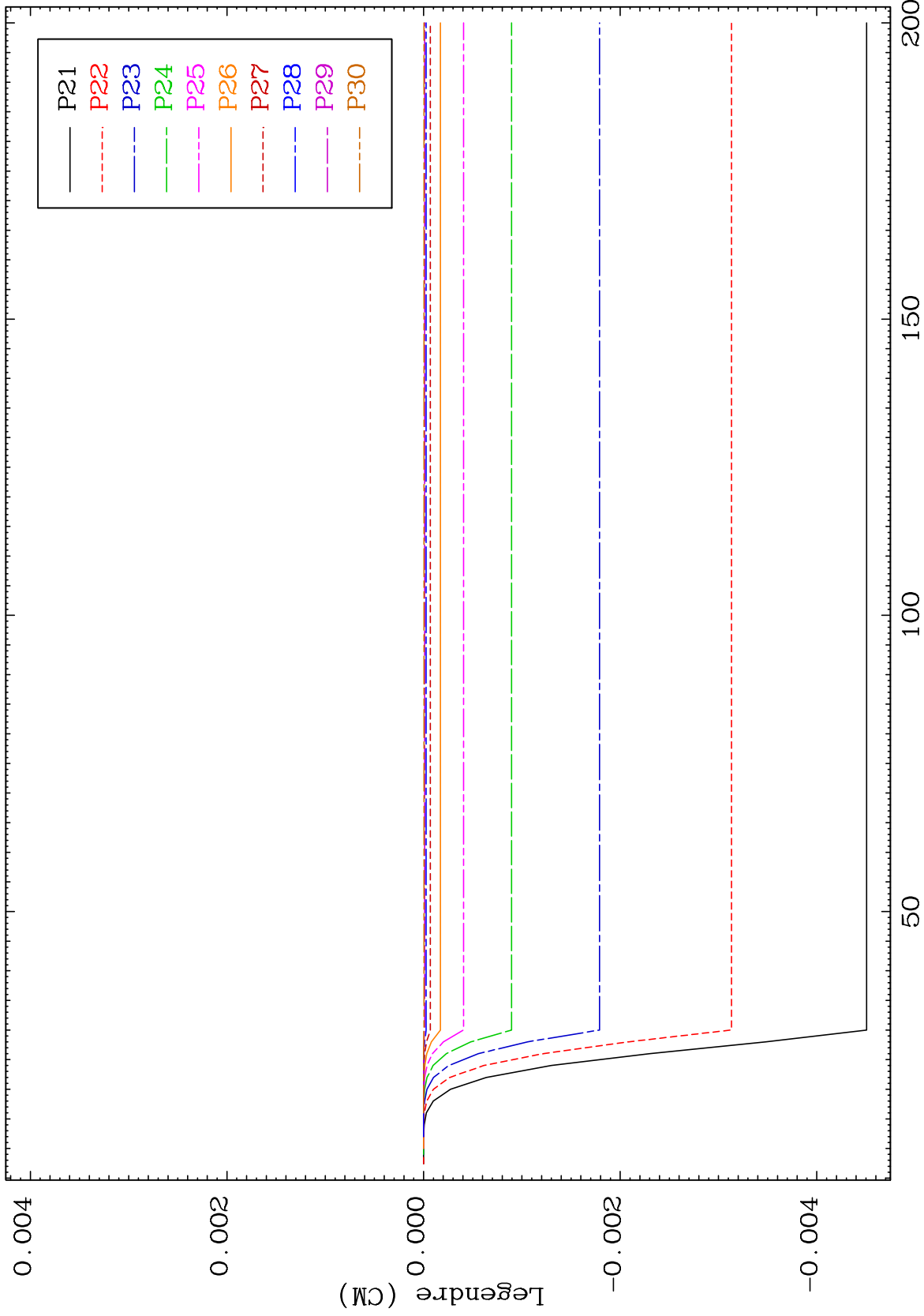
Incident Energy (MeV)

77-Ir-181

MAT 7695

393.1 keV (n,n') Level
Legendre Coefficients

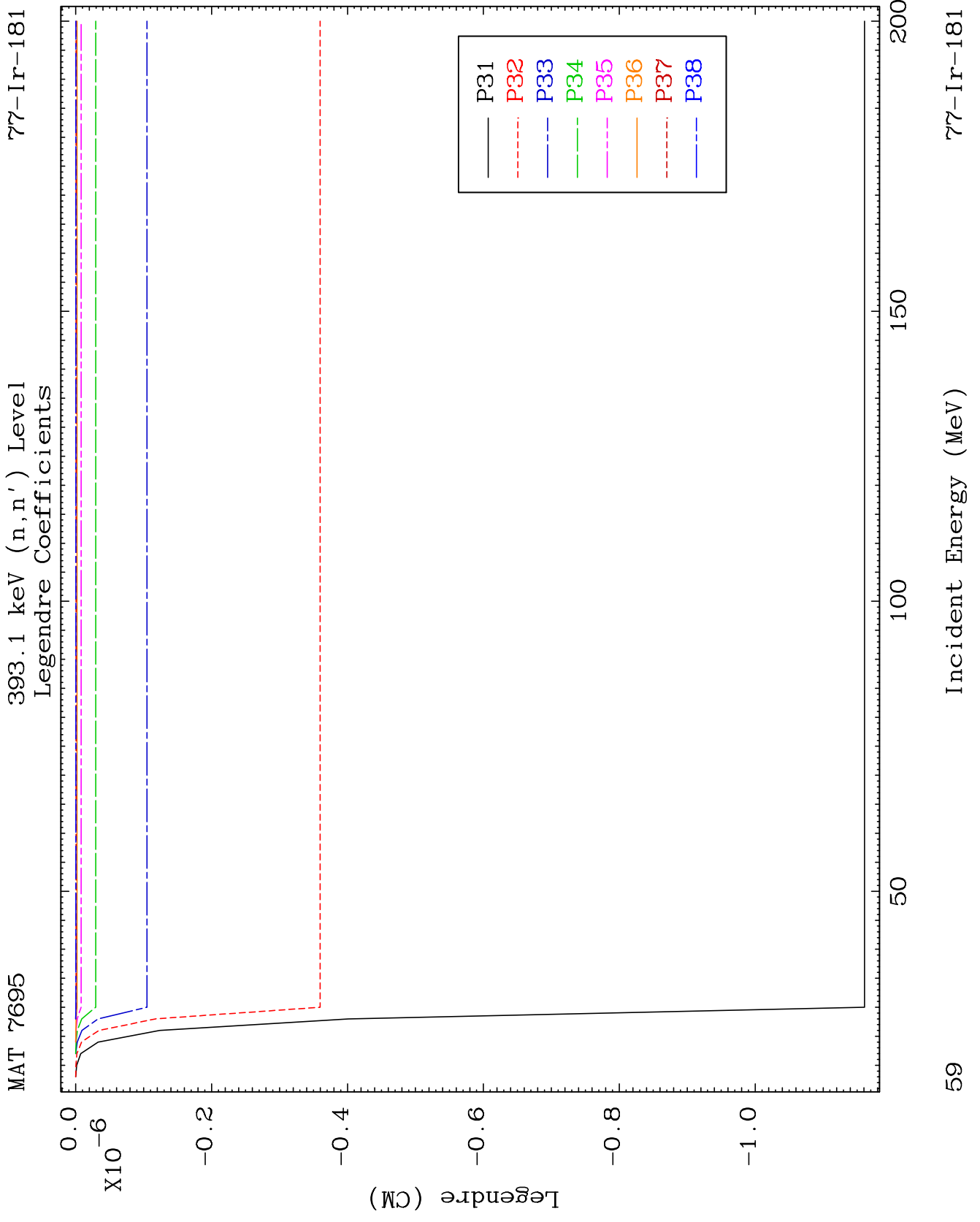
77-Ir-181

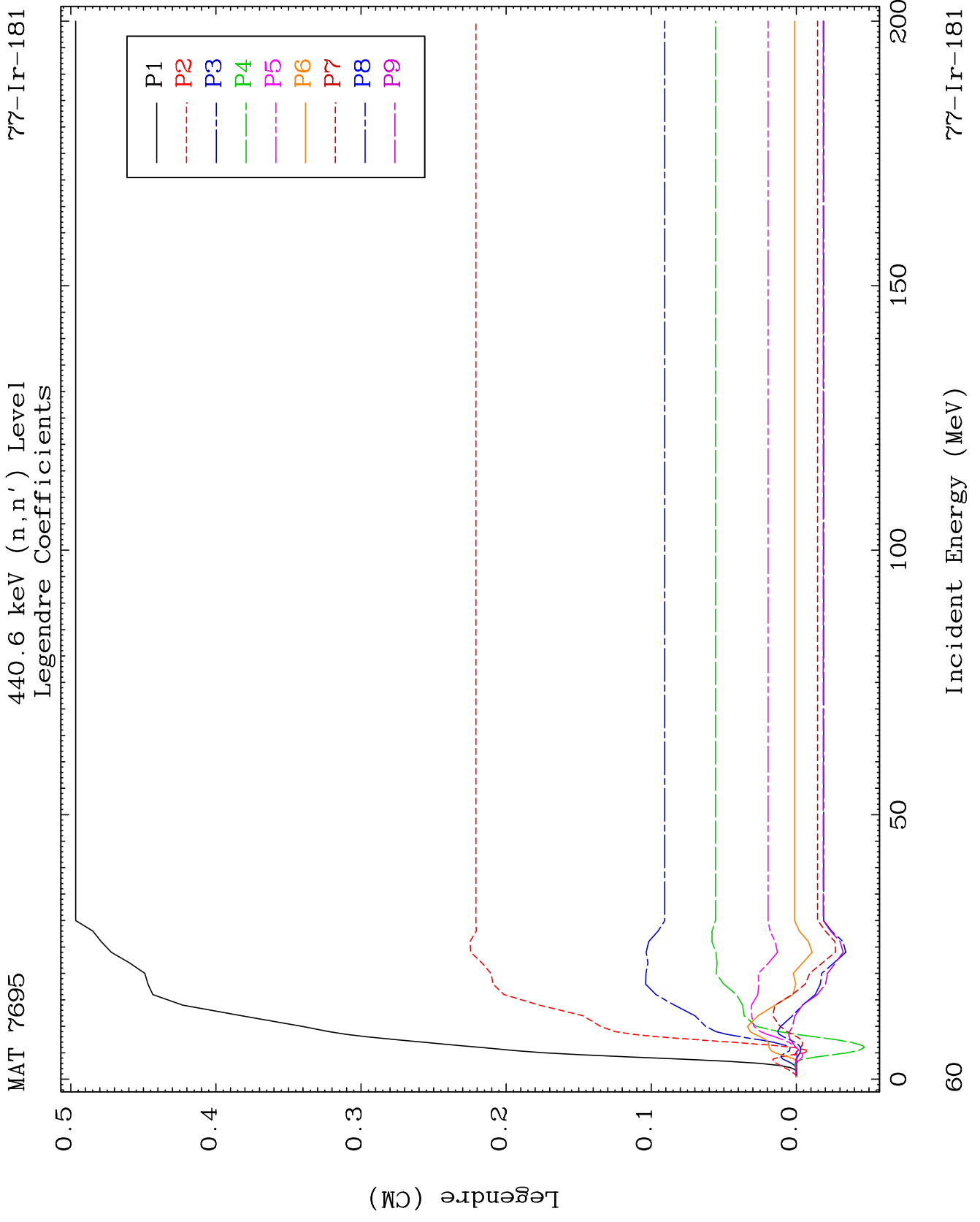


58

Incident Energy (MeV)

77-Ir-181

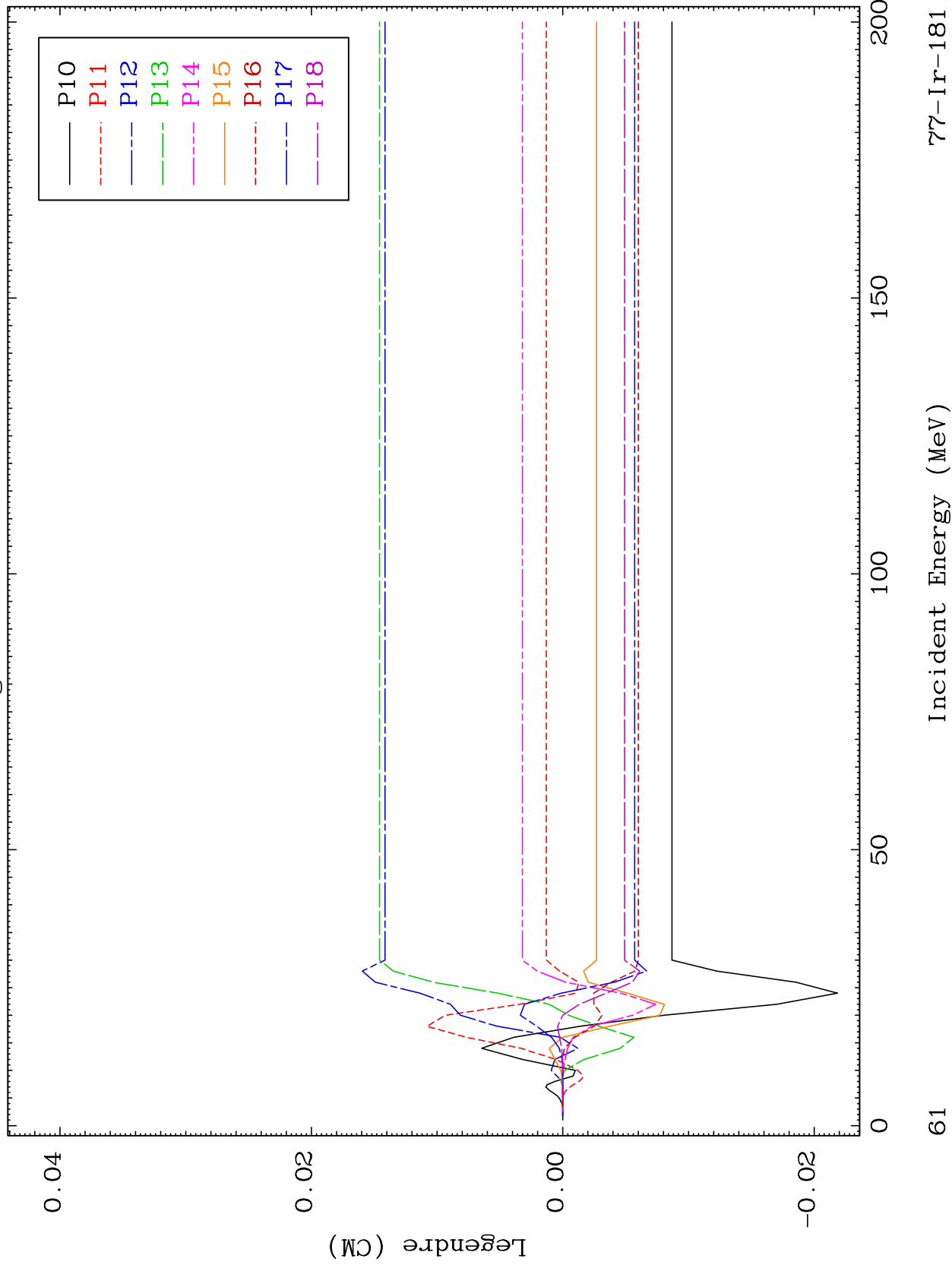




MAT 7695

440.6 keV (n,n') Level
Legendre Coefficients

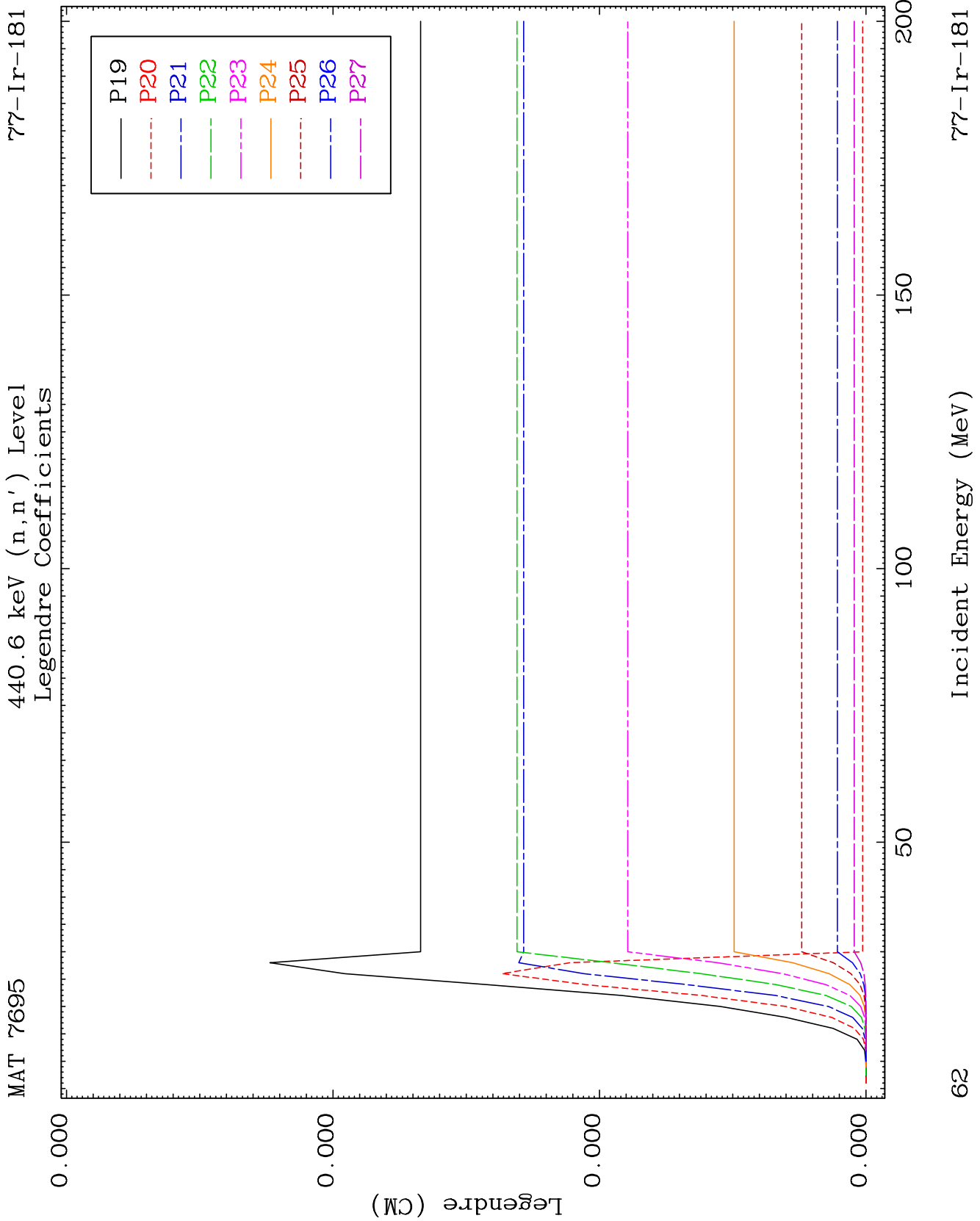
⁷⁷Ir-181



⁷⁷Ir-181

Incident Energy (MeV)

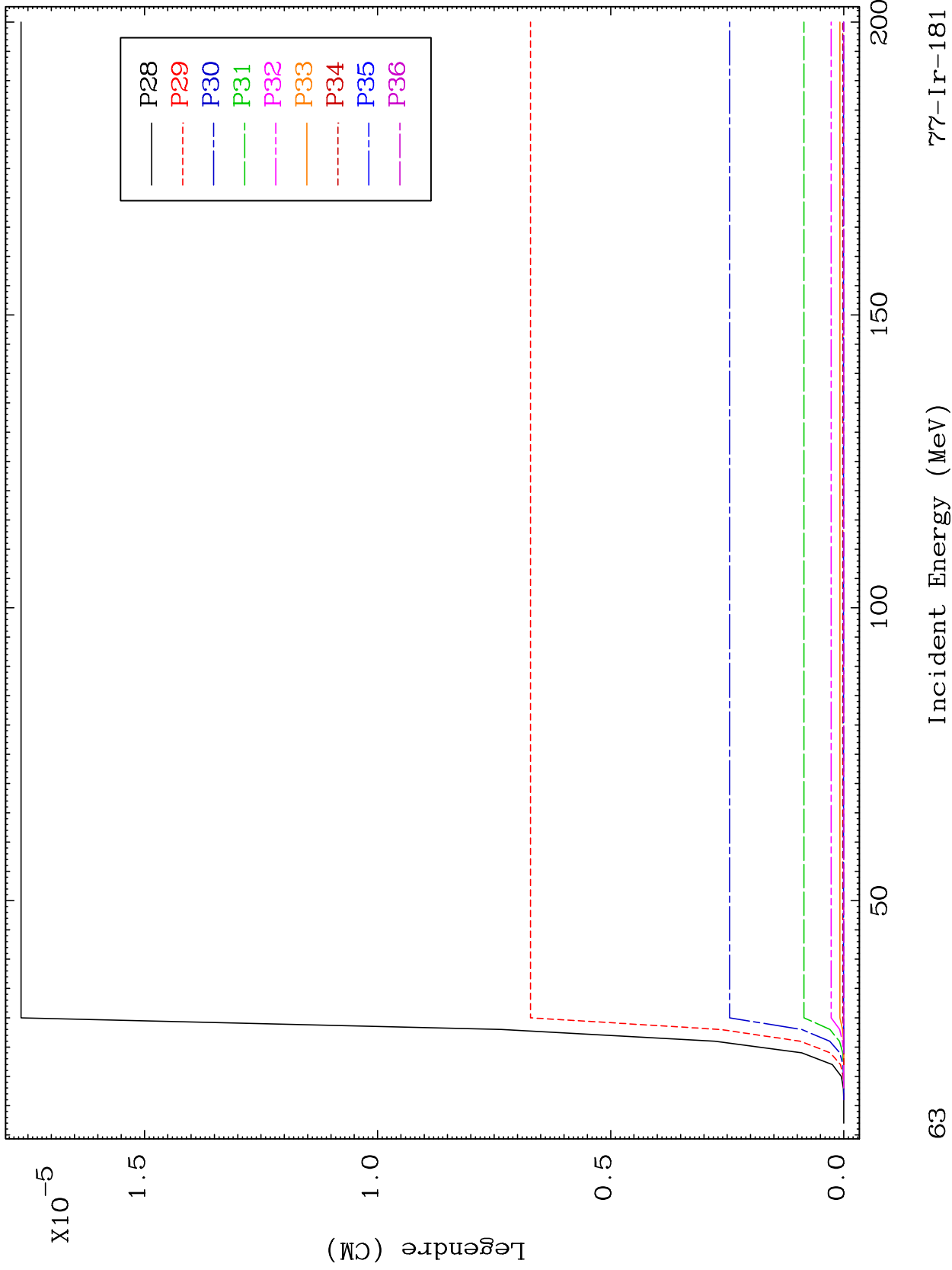
61



MAT 7695

440.6 keV (n,n') Level
Legendre Coefficients

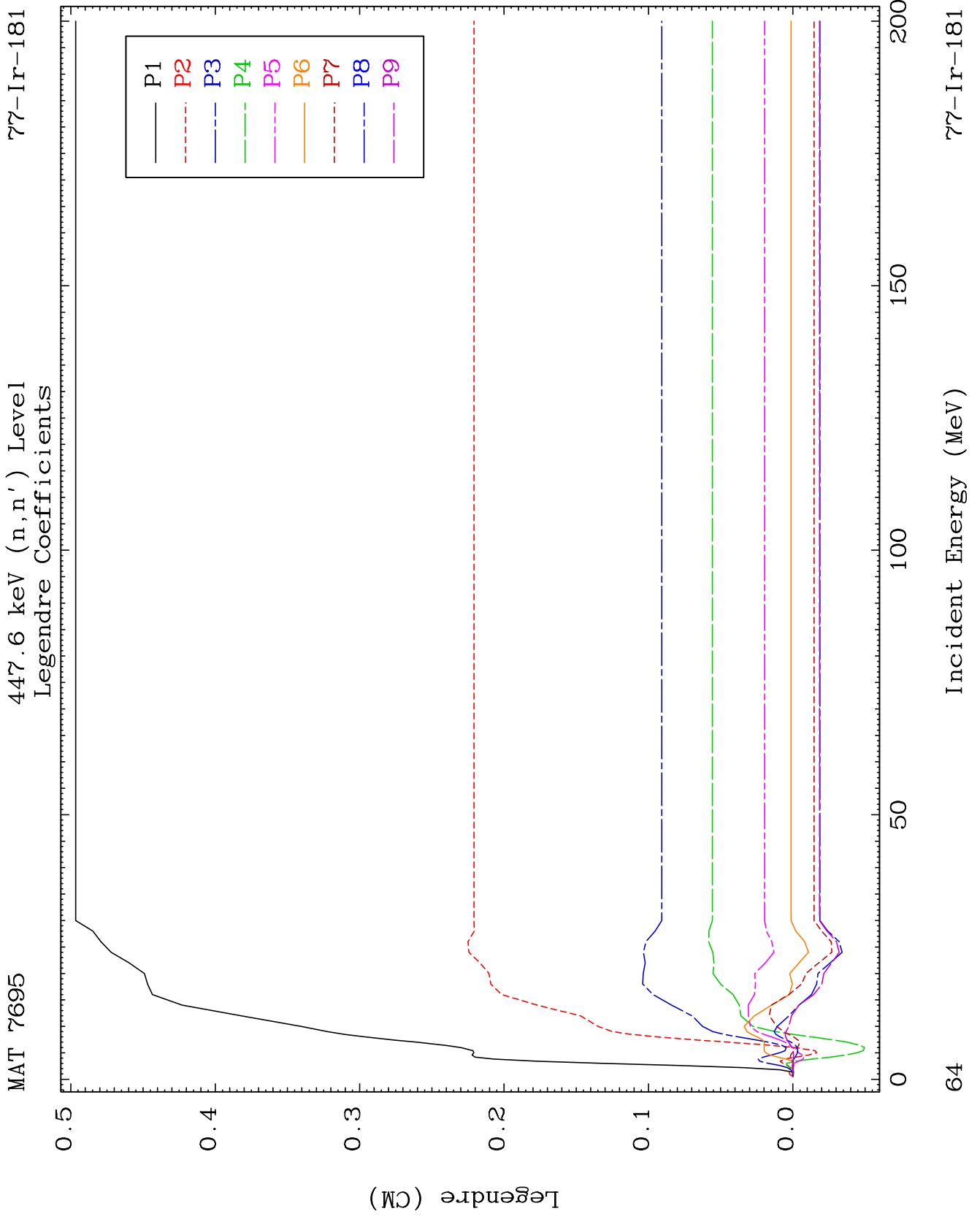
77-Ir-181



63

Incident Energy (MeV)

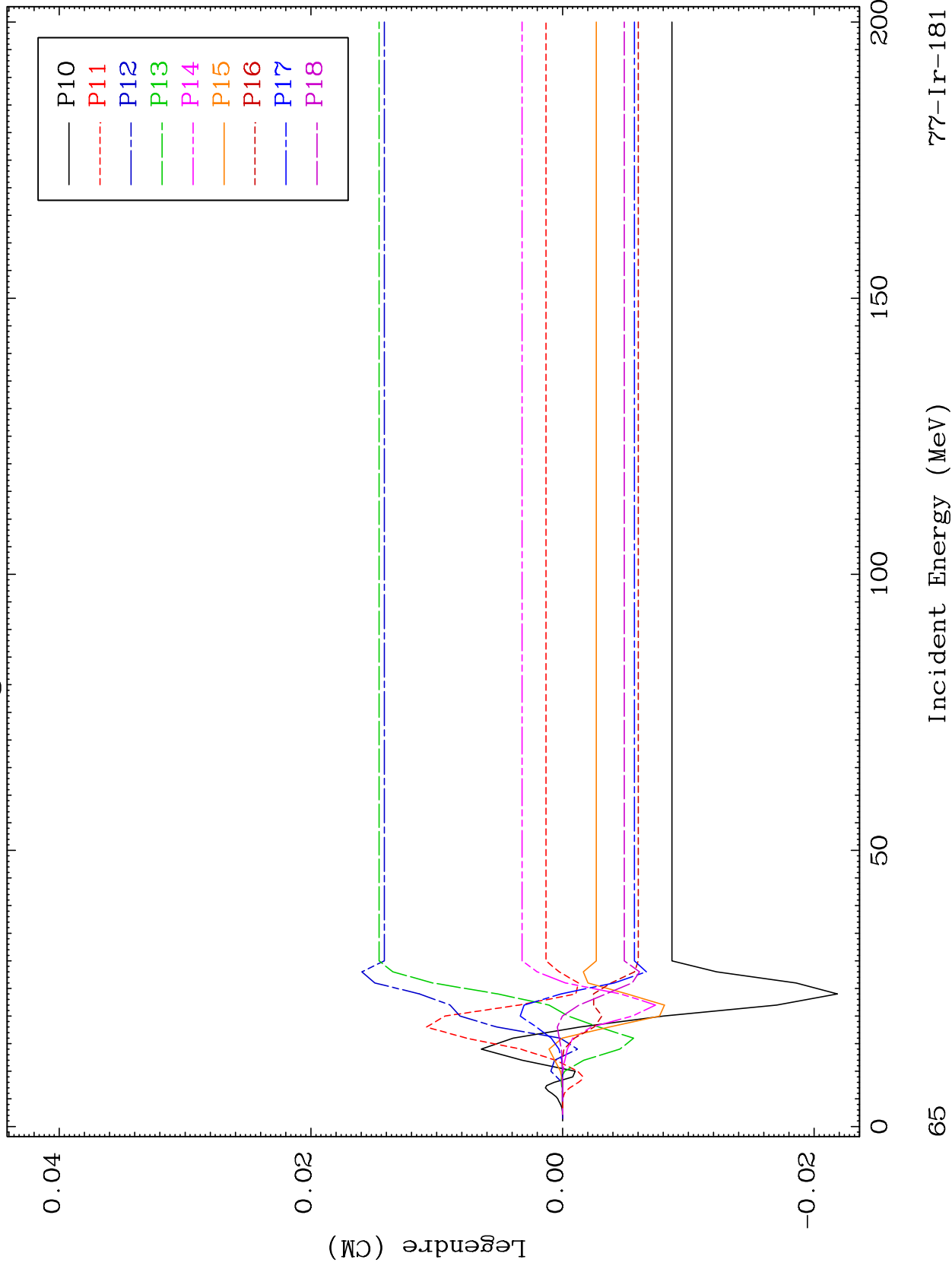
77-Ir-181



MAT 7695

447.6 keV (n,n') Level
Legendre Coefficients

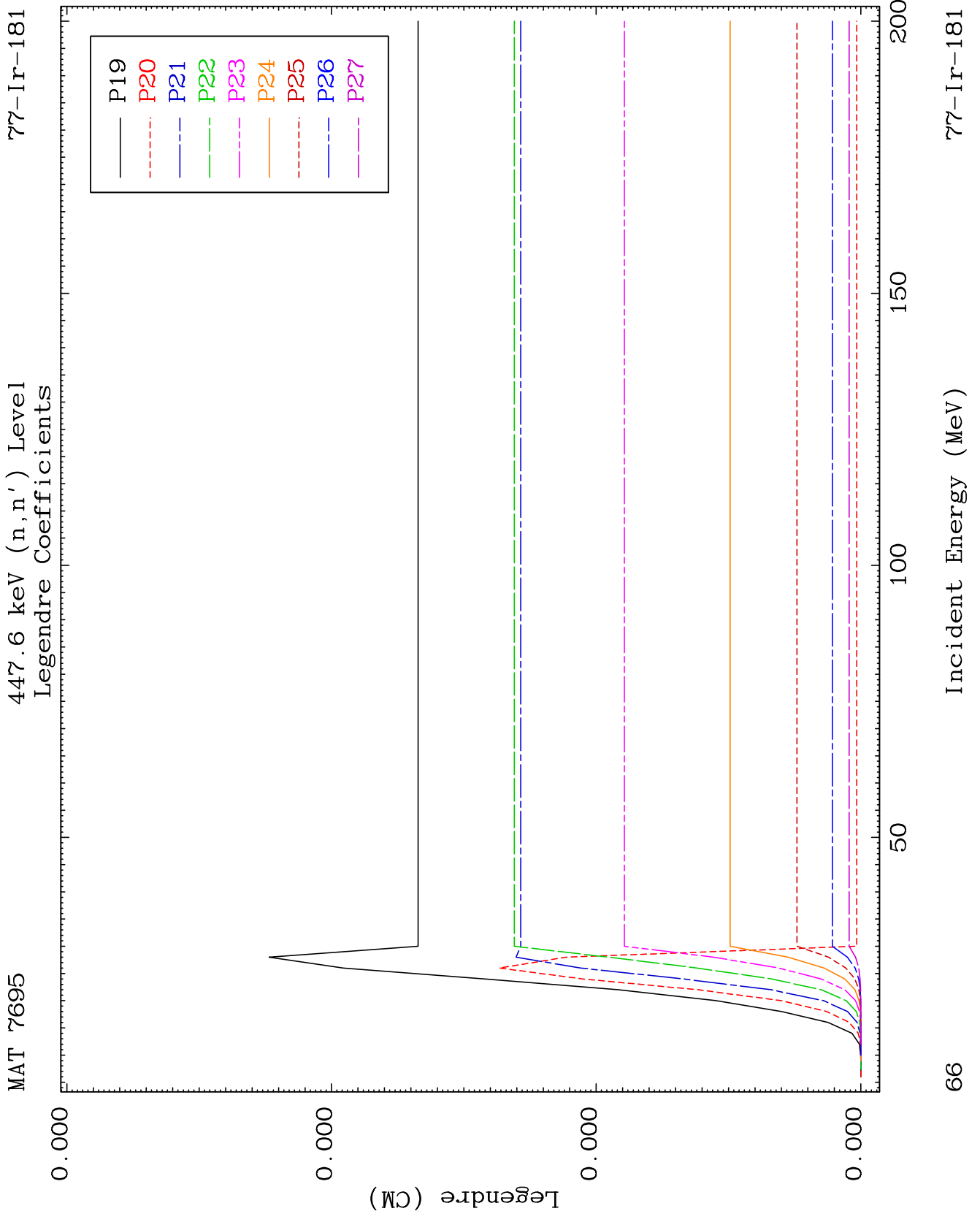
⁷⁷Ir-181



⁷⁷Ir-181

Incident Energy (MeV)

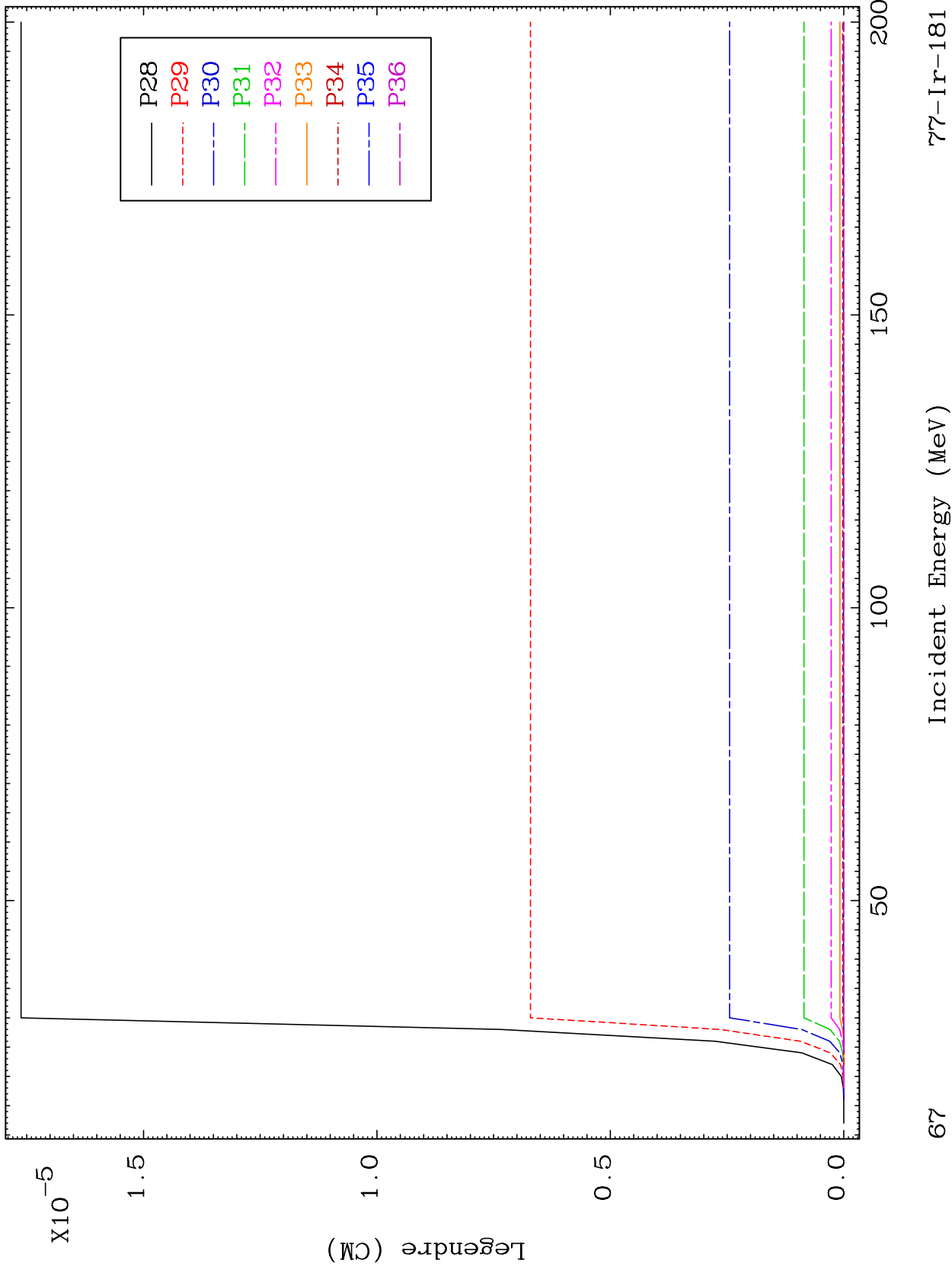
65



MAT 7695

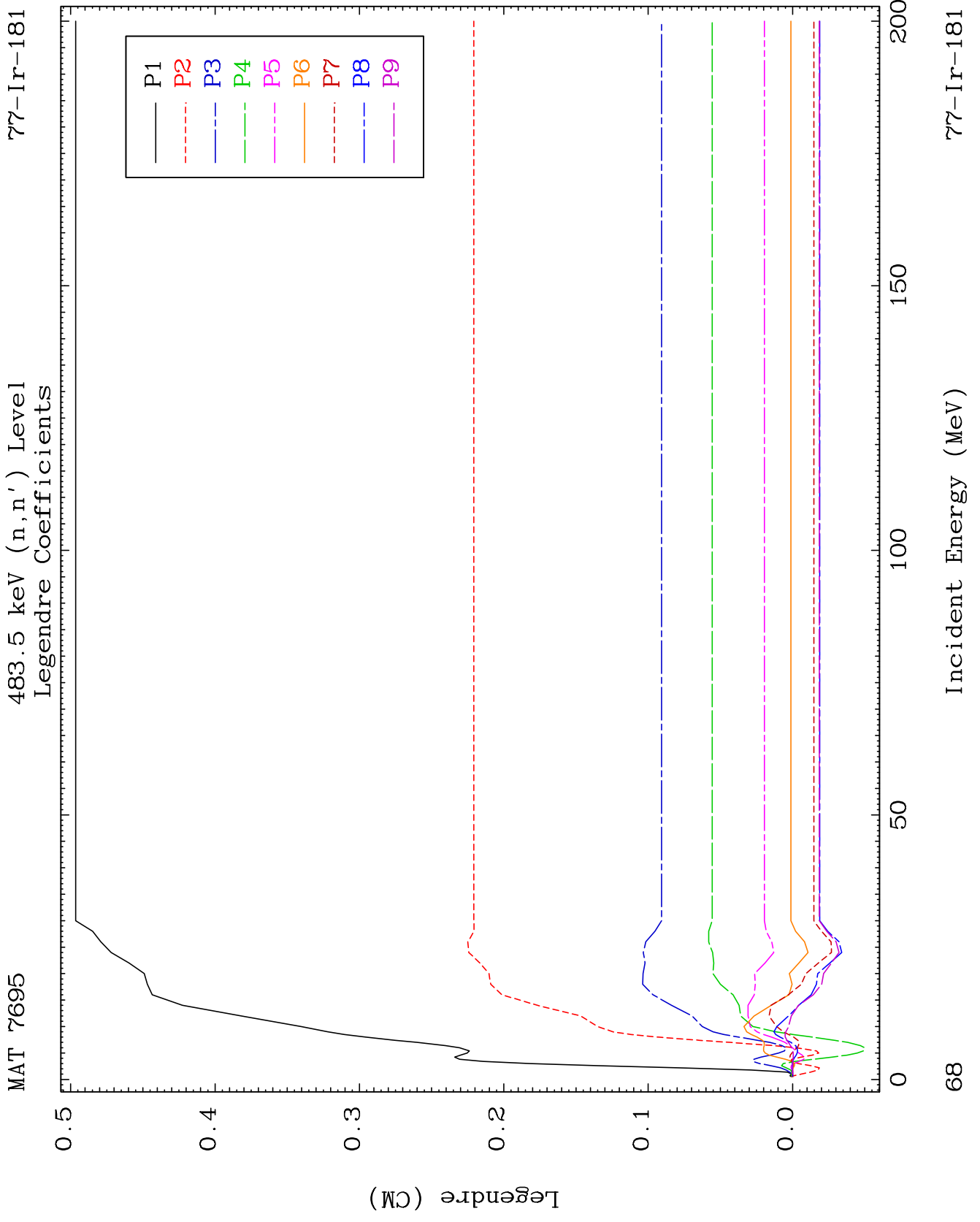
447.6 keV (n,n') Level
Legendre Coefficients

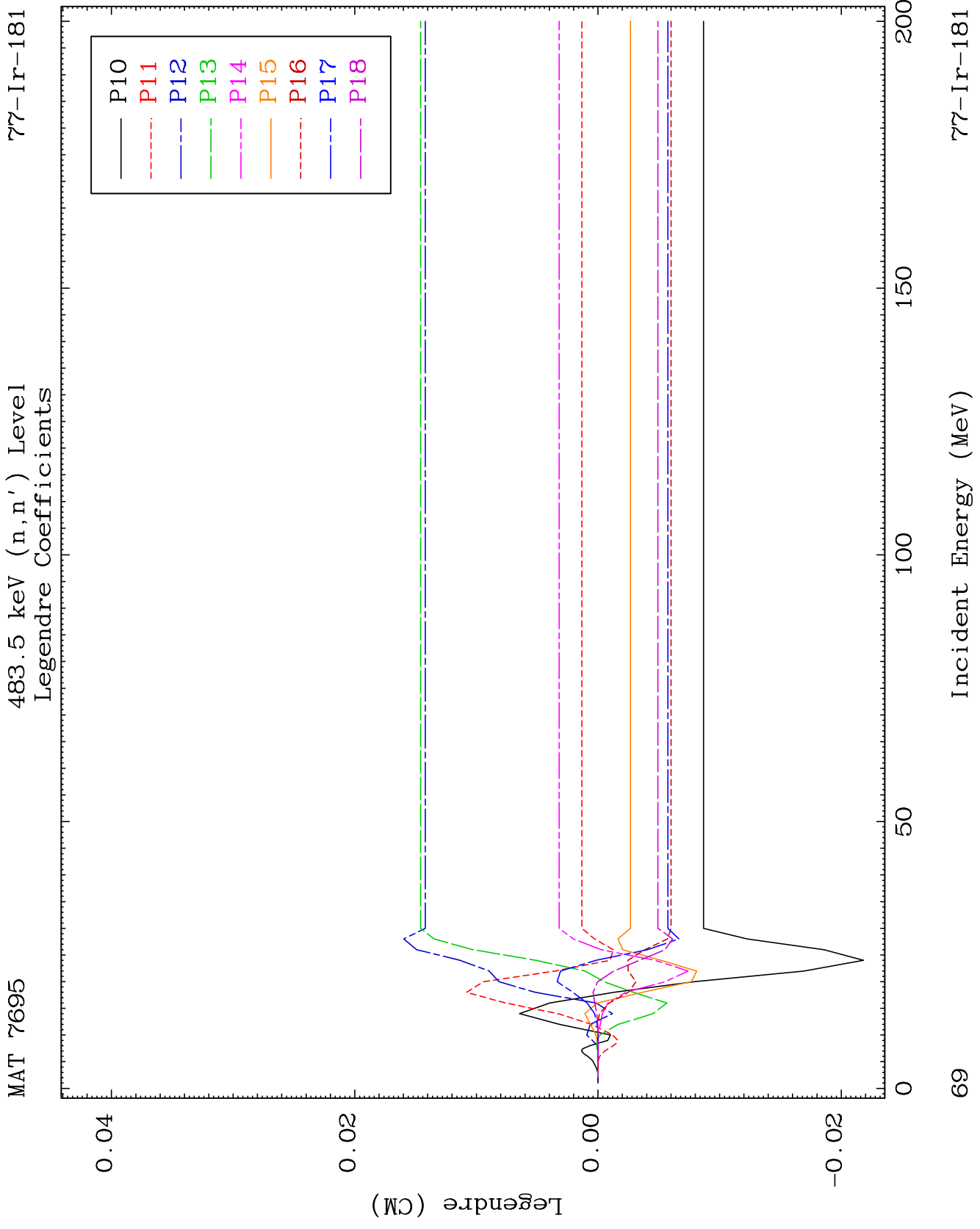
77-Ir-181

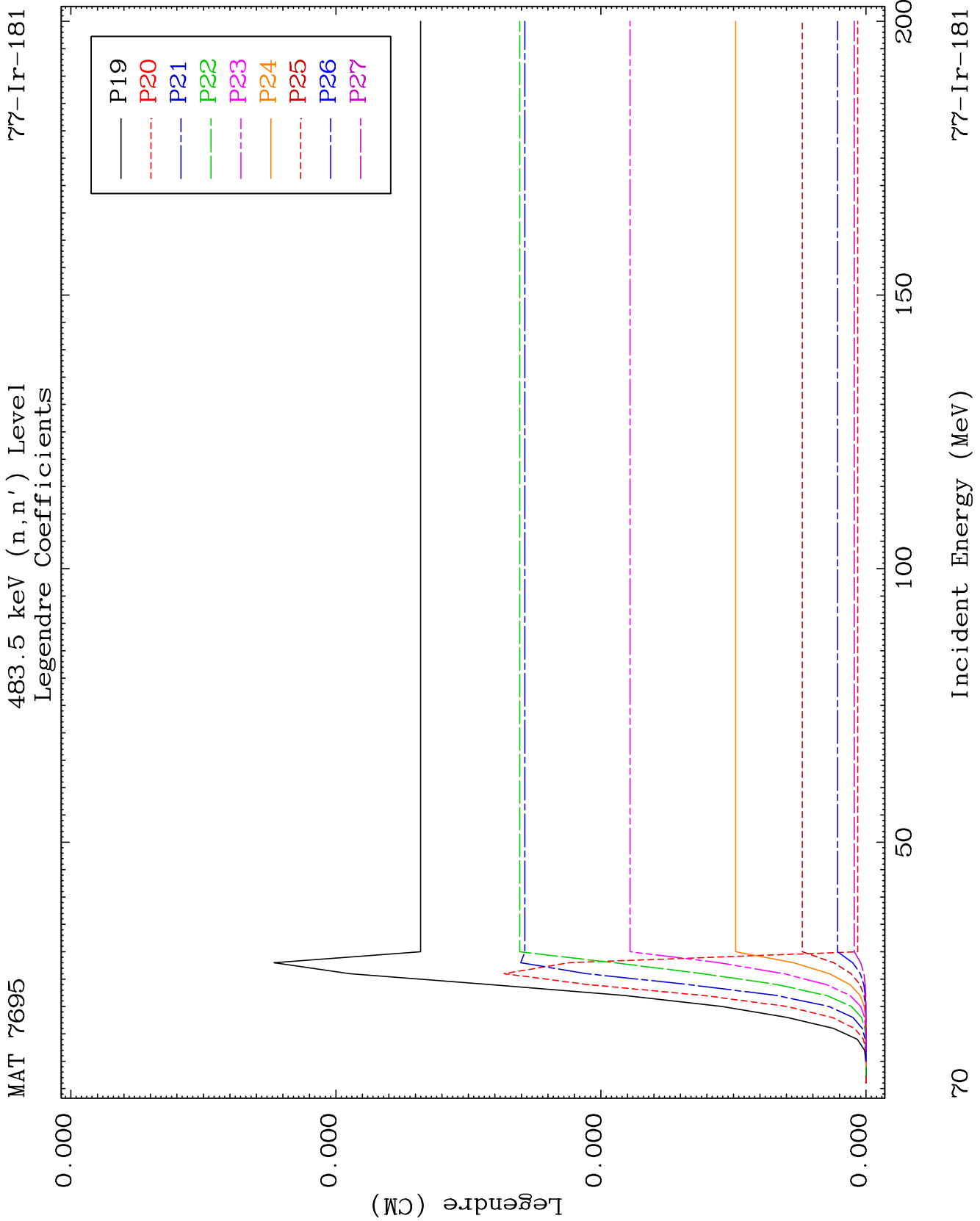


67

77-Ir-181



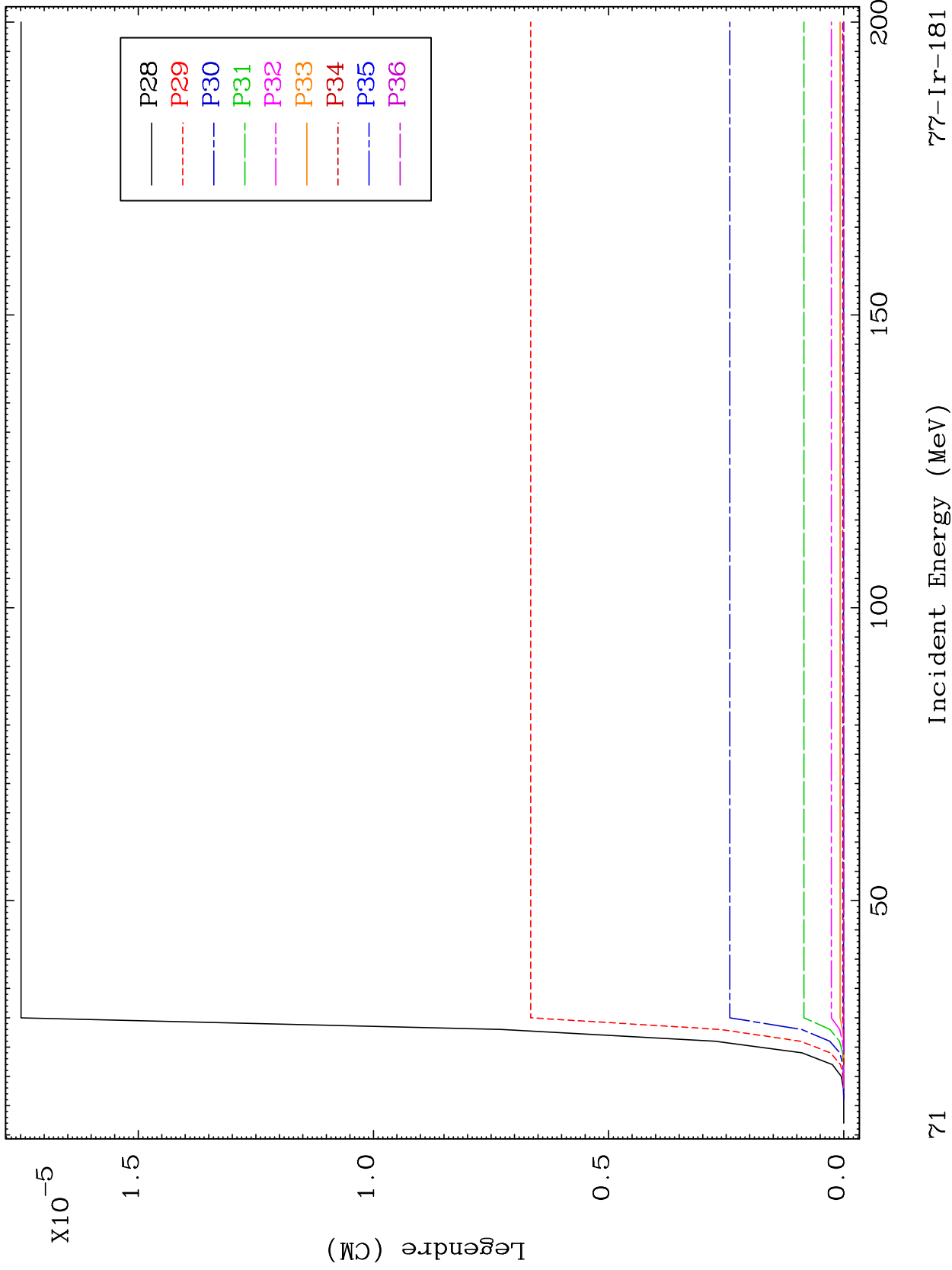




MAT 7695

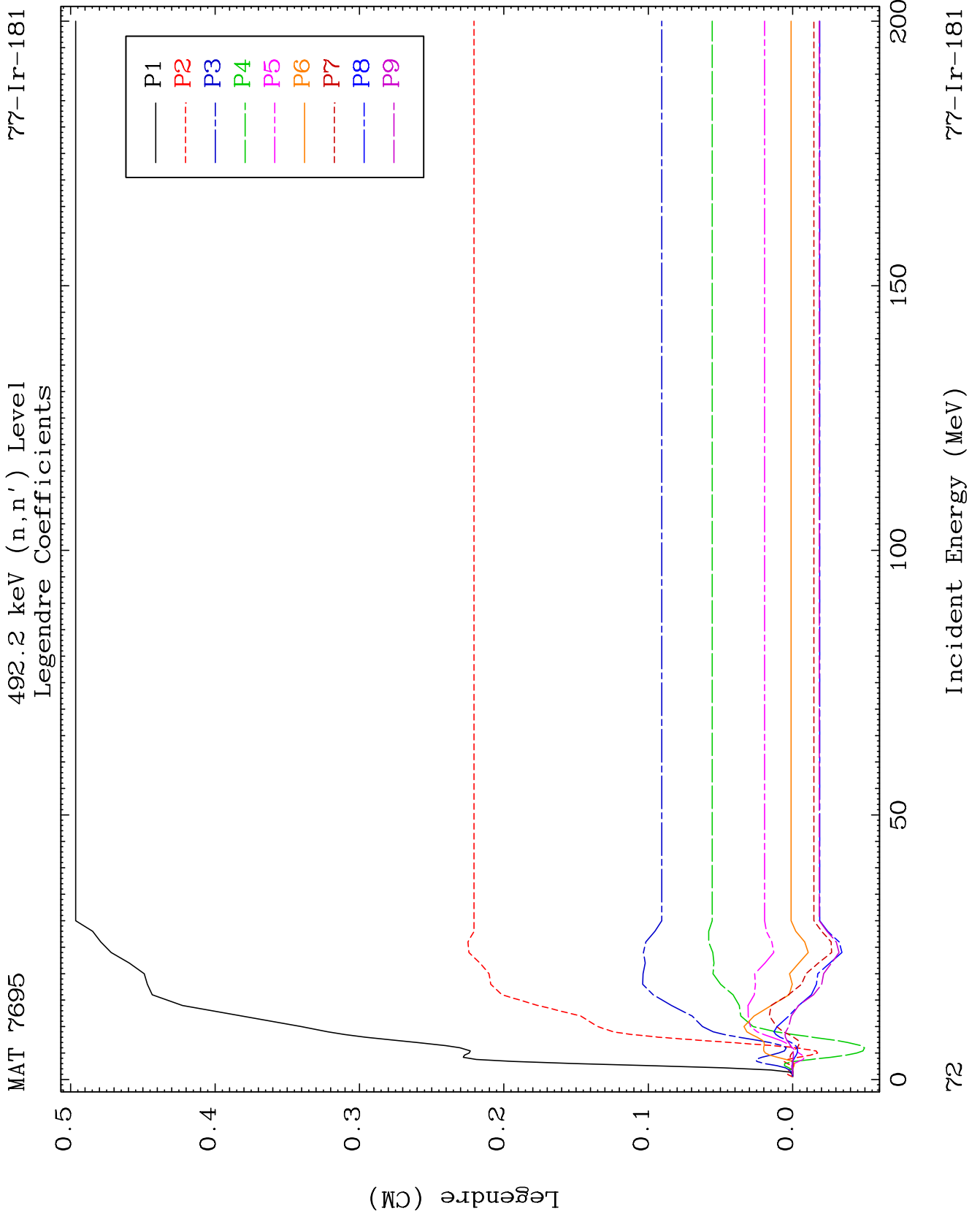
483.5 keV (n,n') Level
Legendre Coefficients

77-Ir-181



71

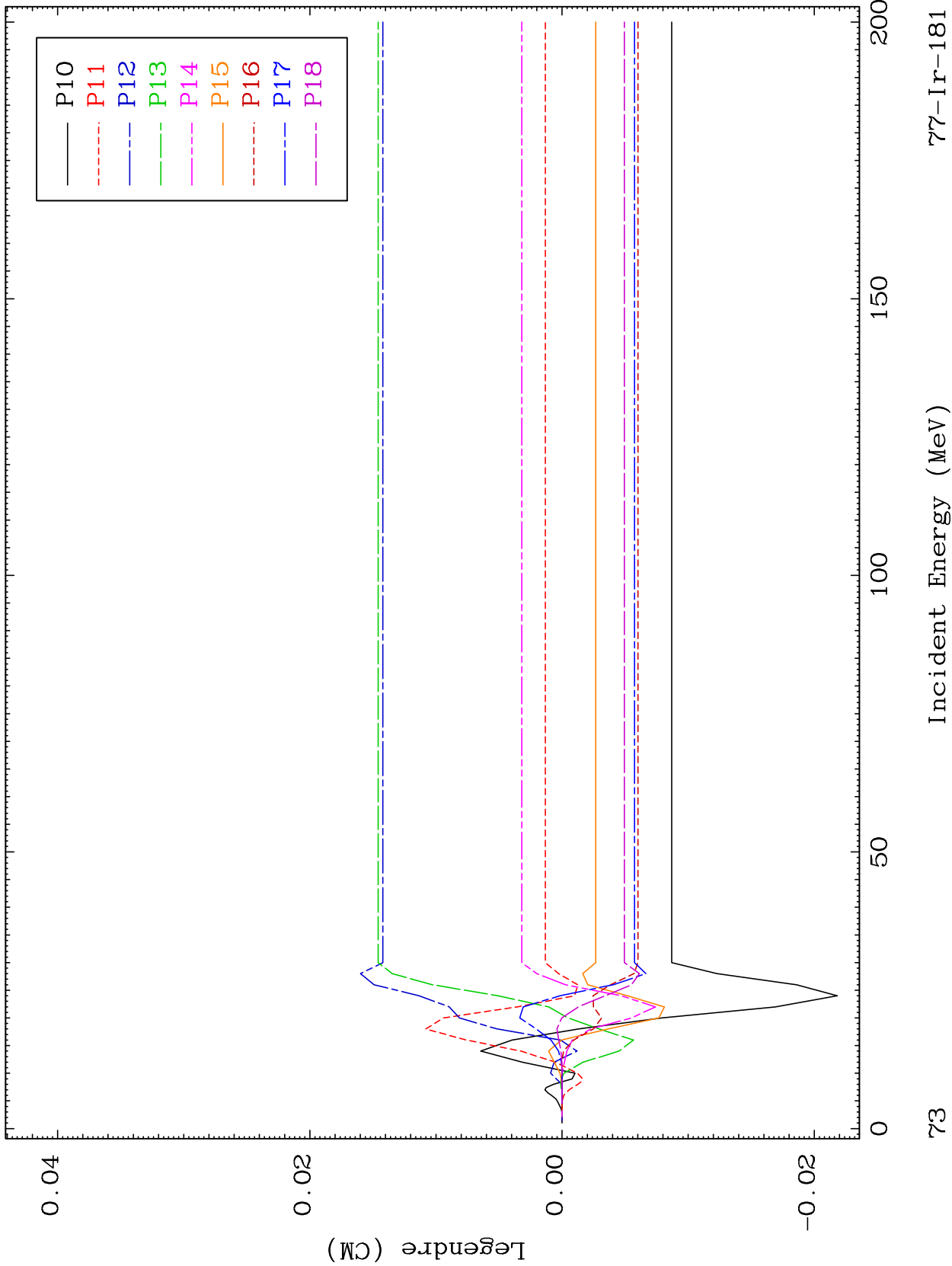
77-Ir-181



MAT 7695

492.2 keV (n,n') Level
Legendre Coefficients

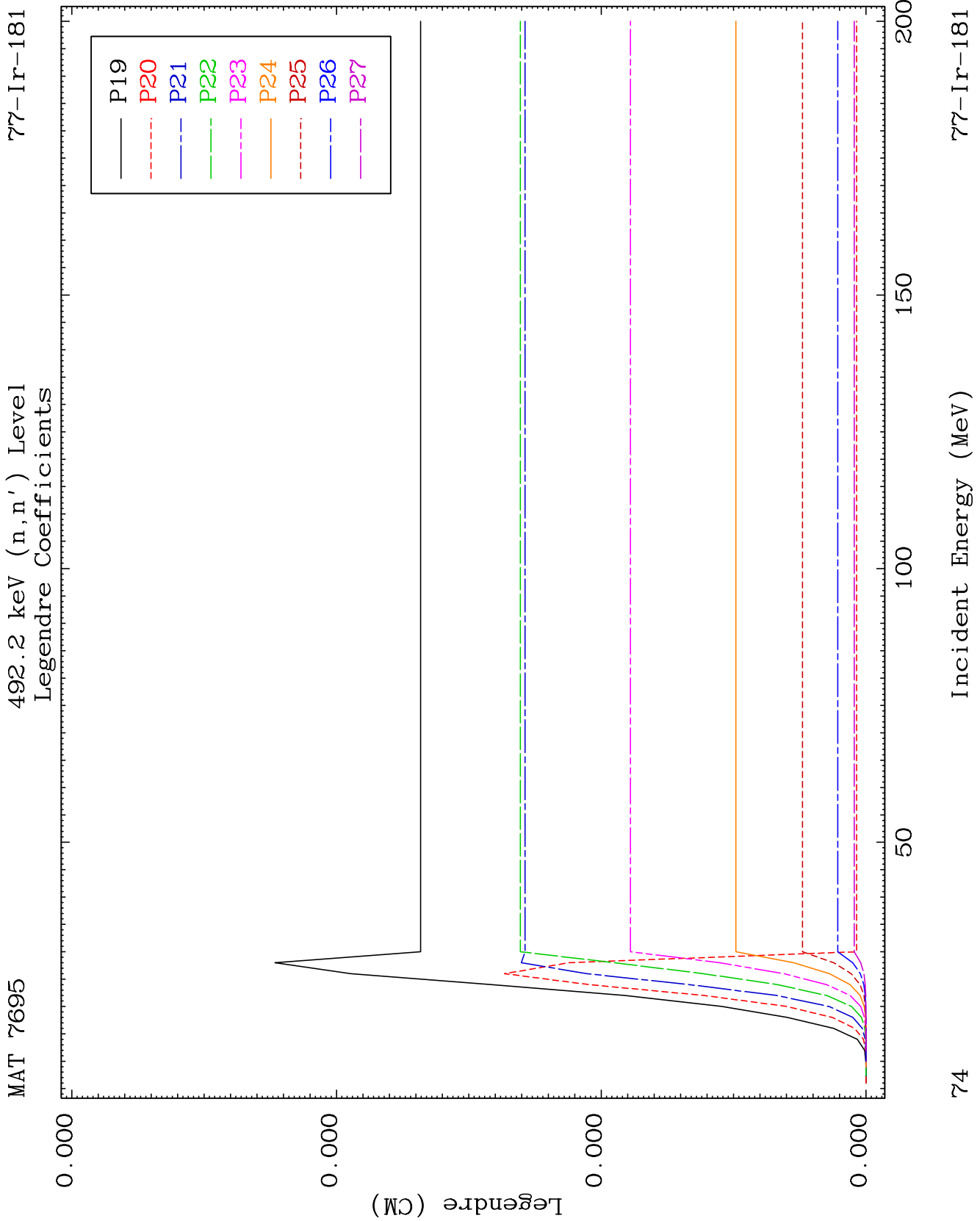
77-Ir-181



73

Incident Energy (MeV)

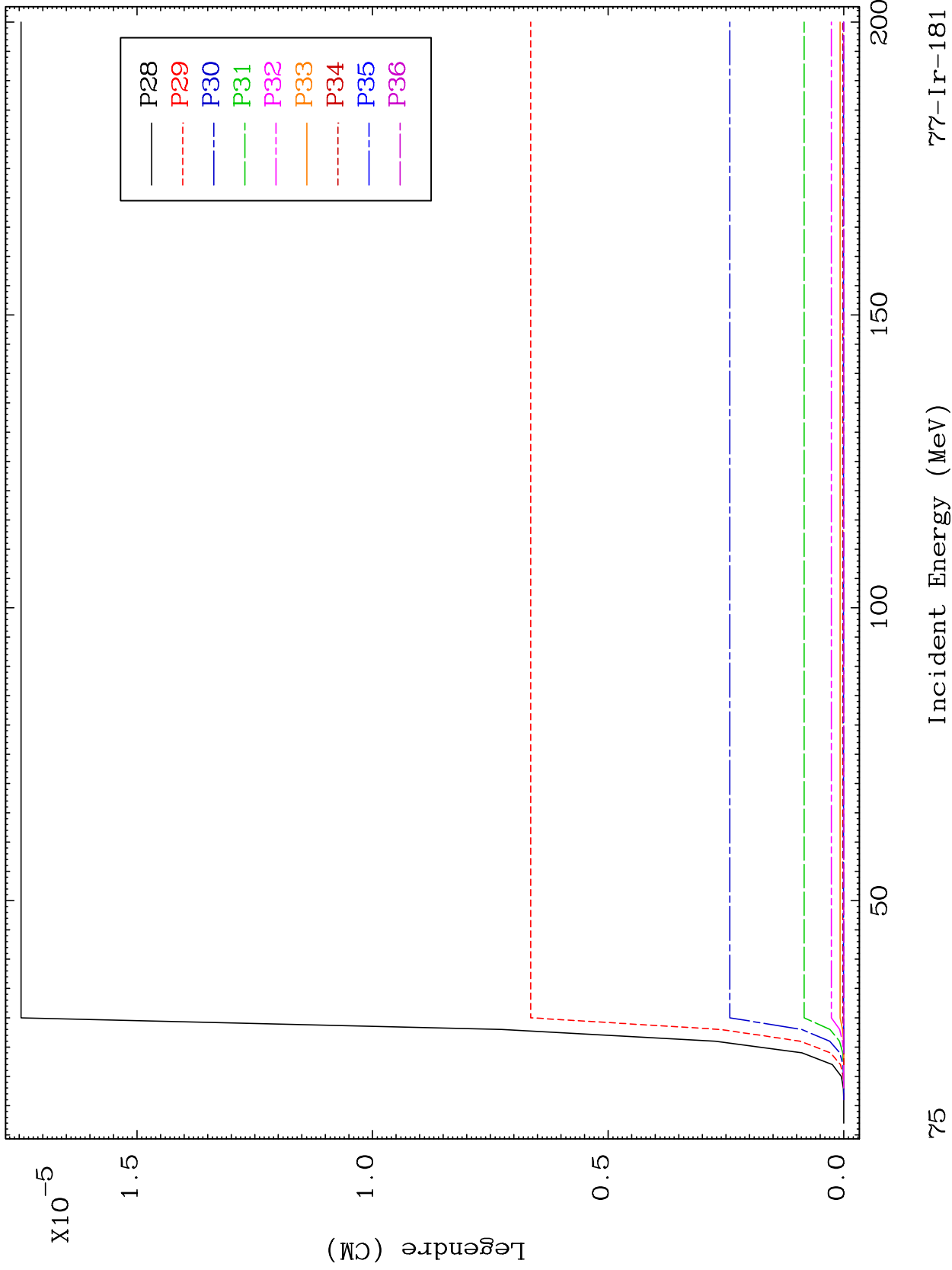
77-Ir-181

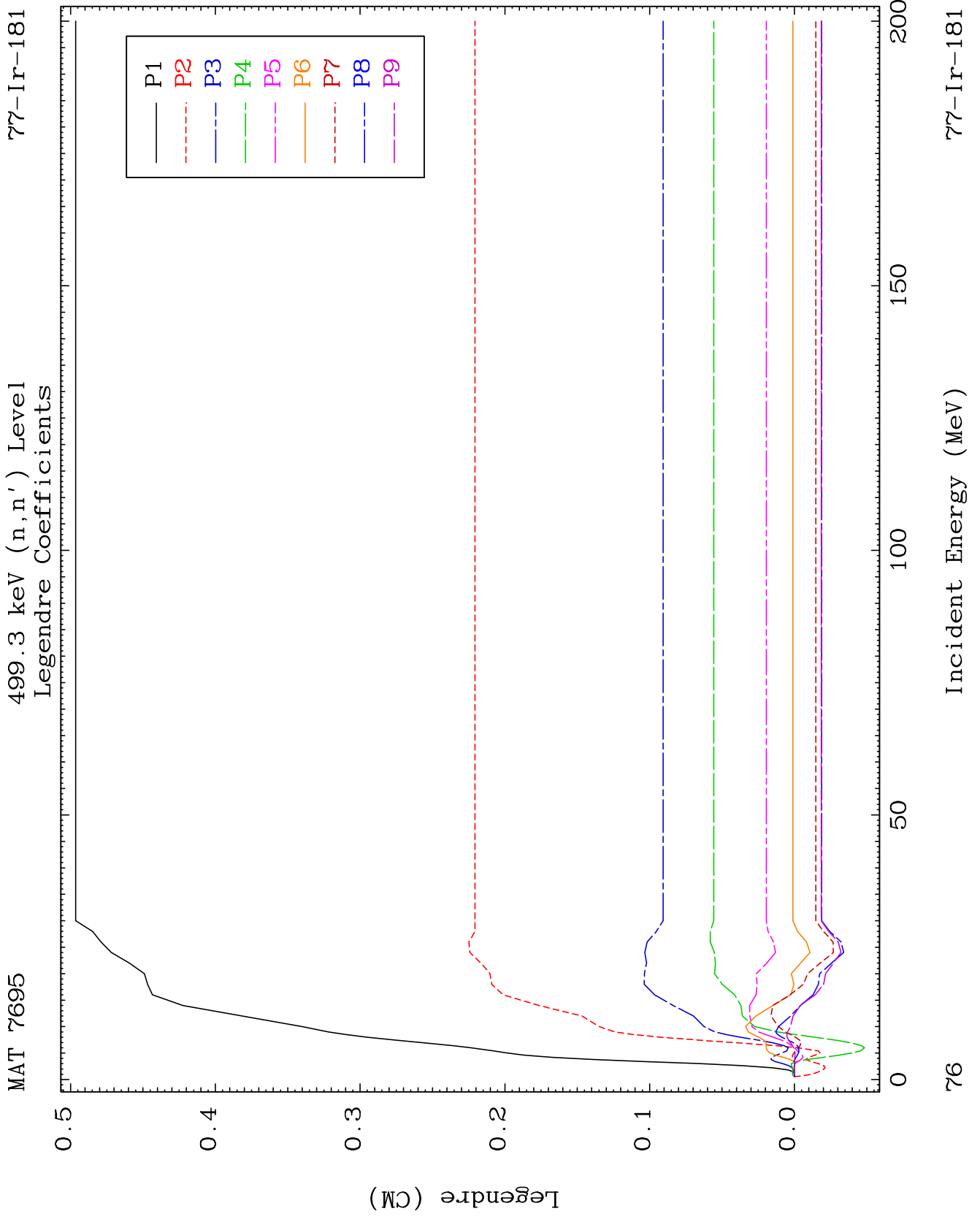


MAT 7695

492.2 keV (n, n') Level
Legendre Coefficients

77-Ir-181

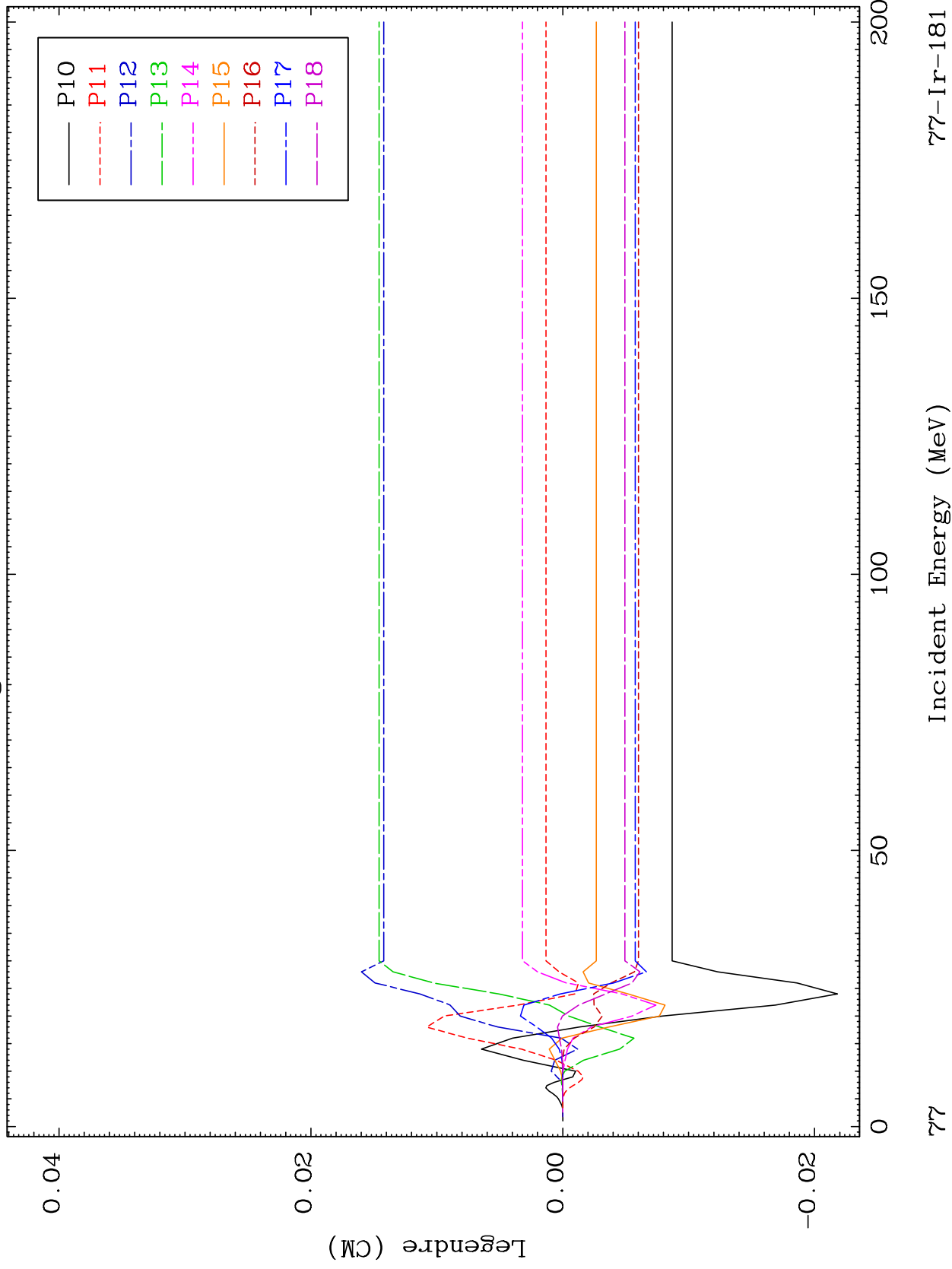




MAT 7695

499.3 keV (n,n') Level
Legendre Coefficients

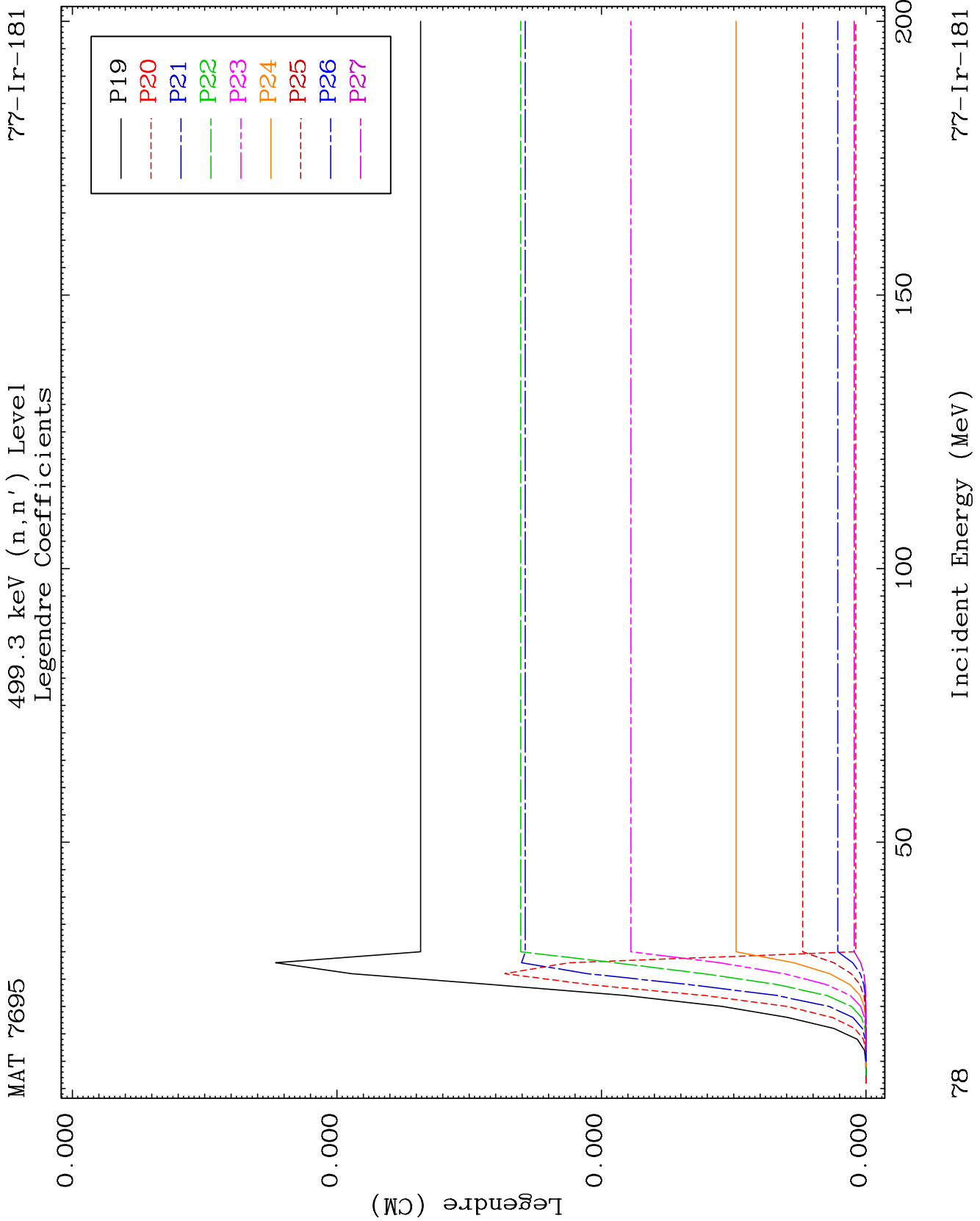
⁷⁷Ir-181



⁷⁷Ir-181

Incident Energy (MeV)

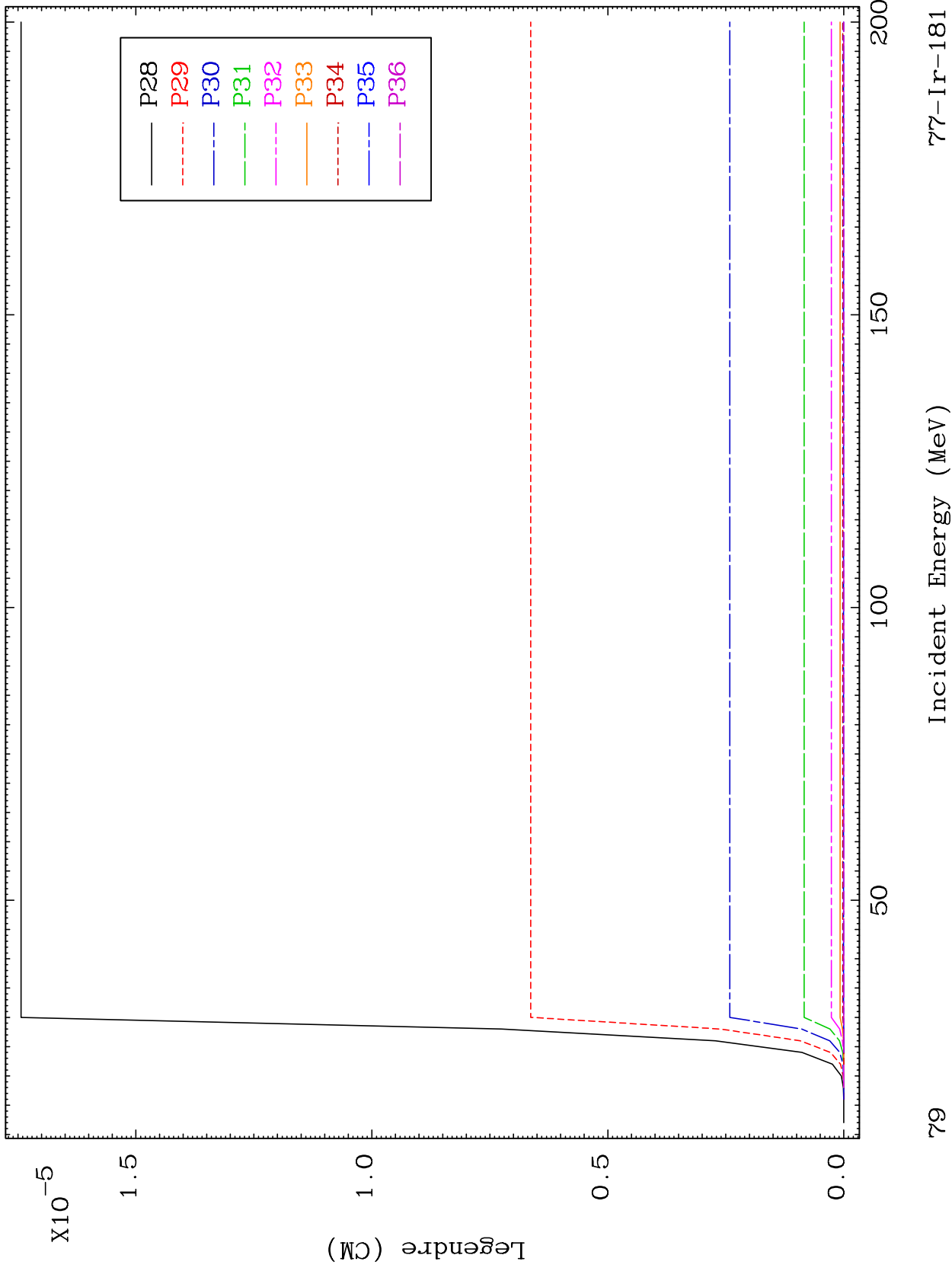
⁷⁷



MAT 7695

499.3 keV (n,n') Level
Legendre Coefficients

77-Ir-181



79

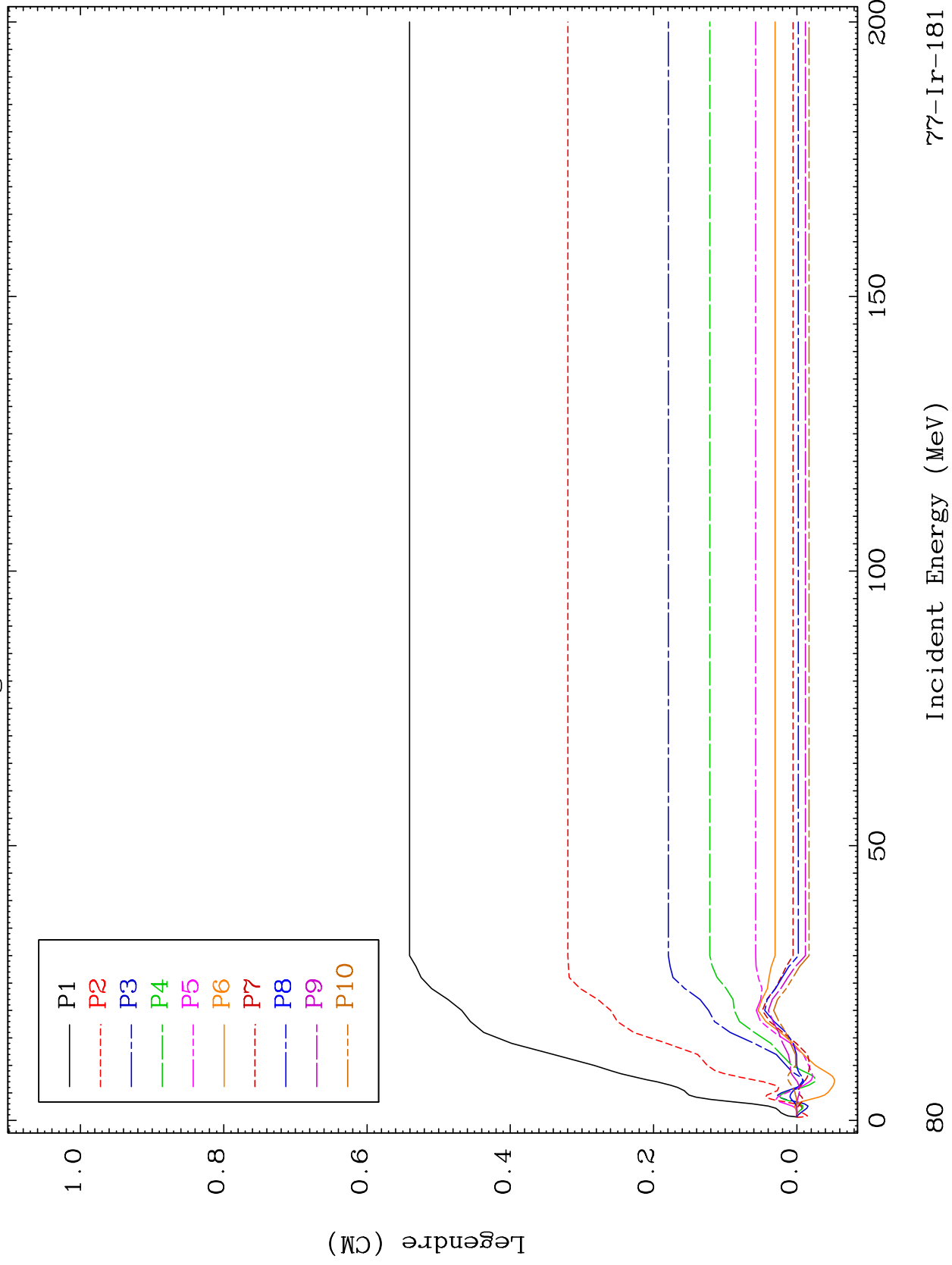
Incident Energy (MeV)

77-Ir-181

MAT 7695

521.5 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-181

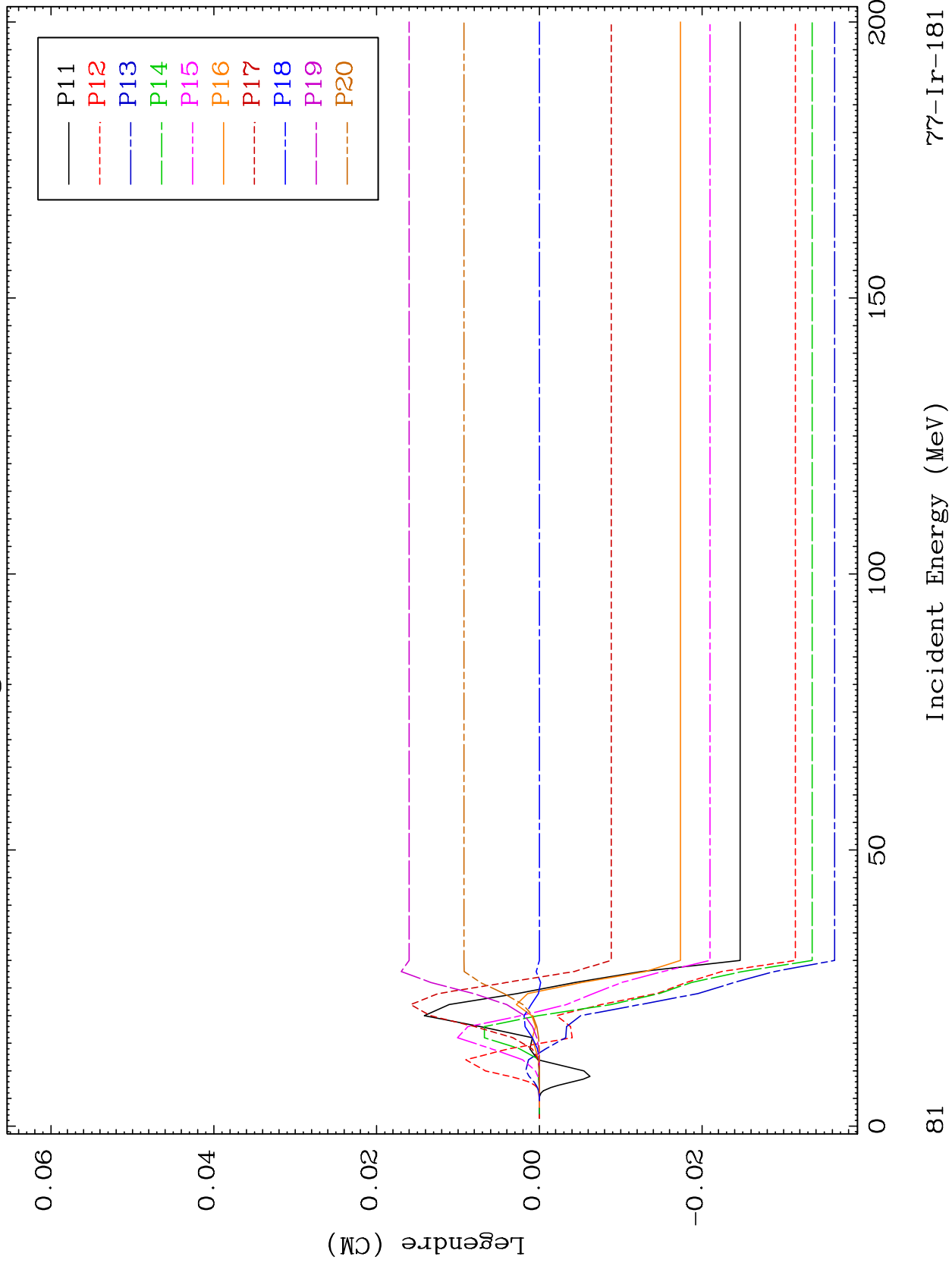


⁷⁷Ir-181

MAT 7695

521.5 keV (n,n') Level
Legendre Coefficients

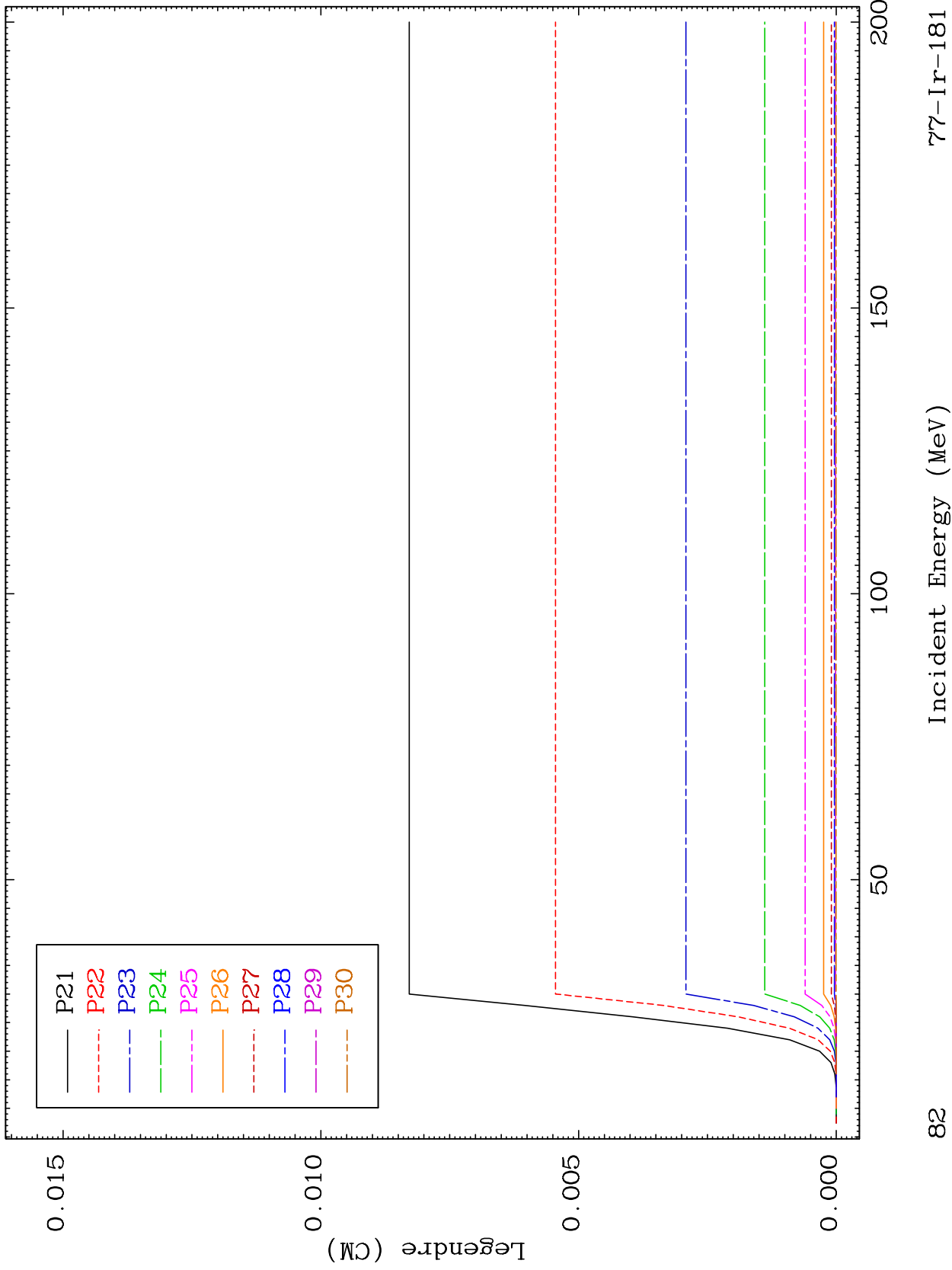
⁷⁷Ir-181

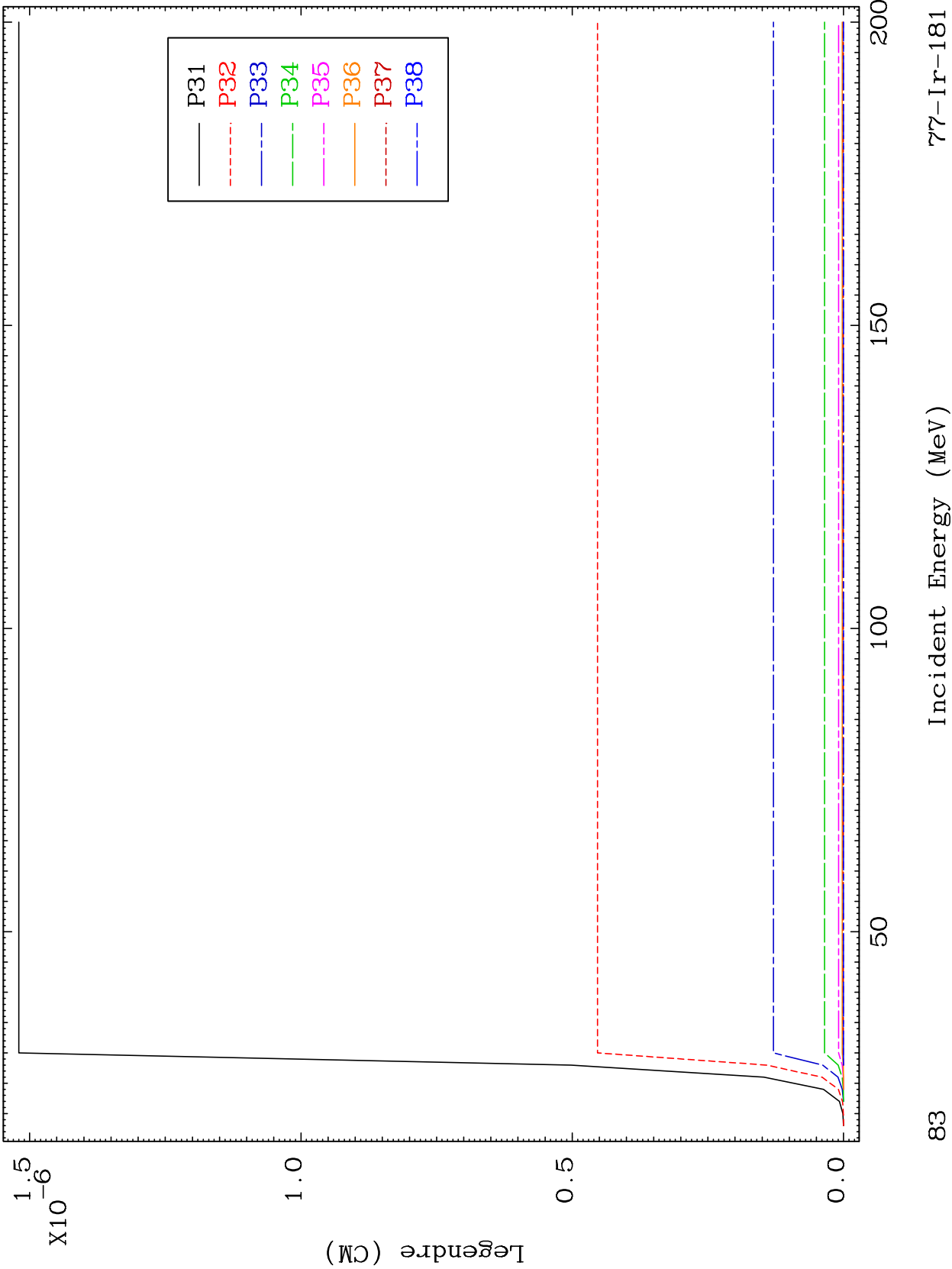


81

Incident Energy (MeV)

⁷⁷Ir-181

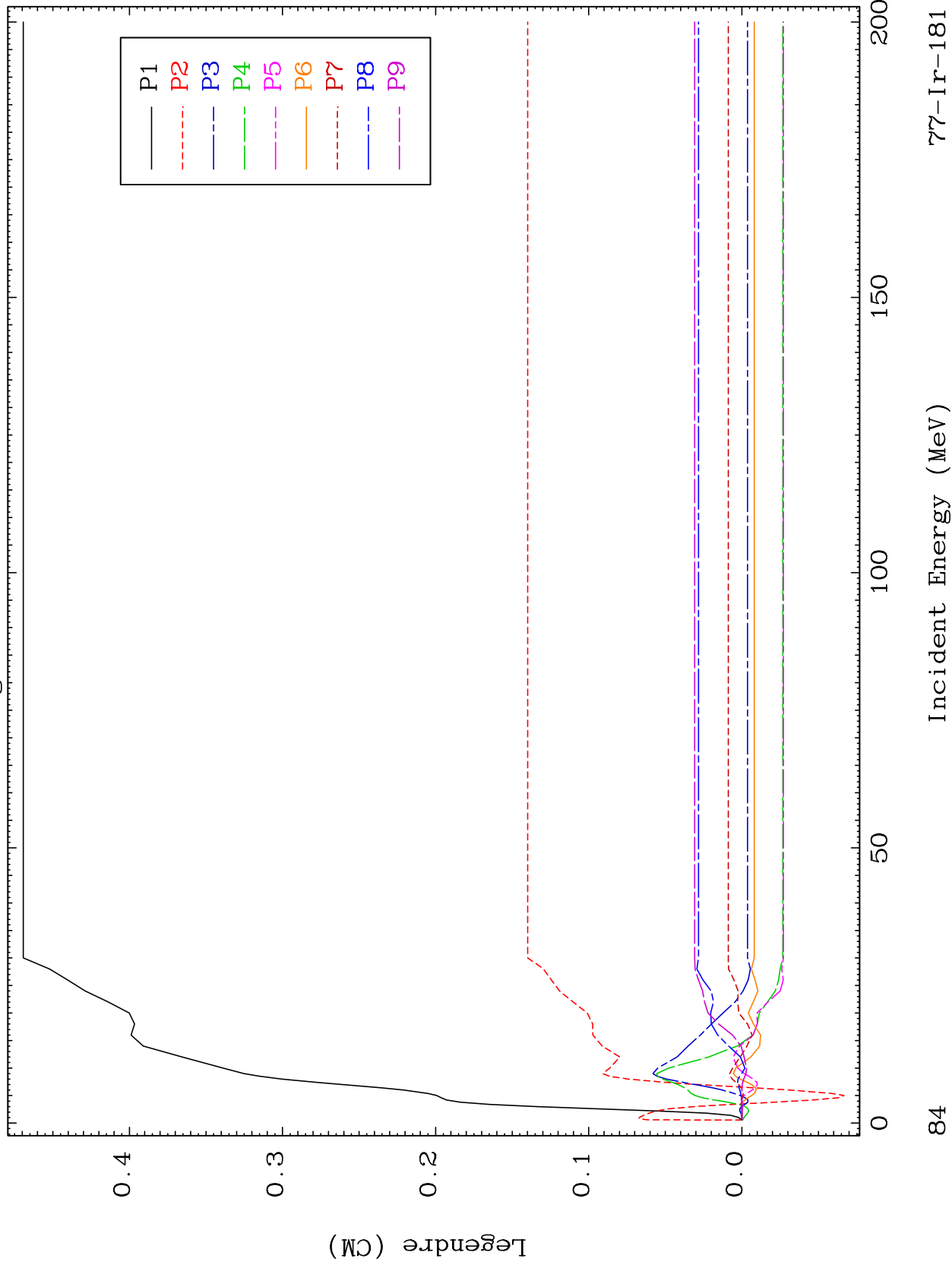




MAT 7695

548.9 keV (n,n') Level
Legendre Coefficients

77-Ir-181



77-Ir-181

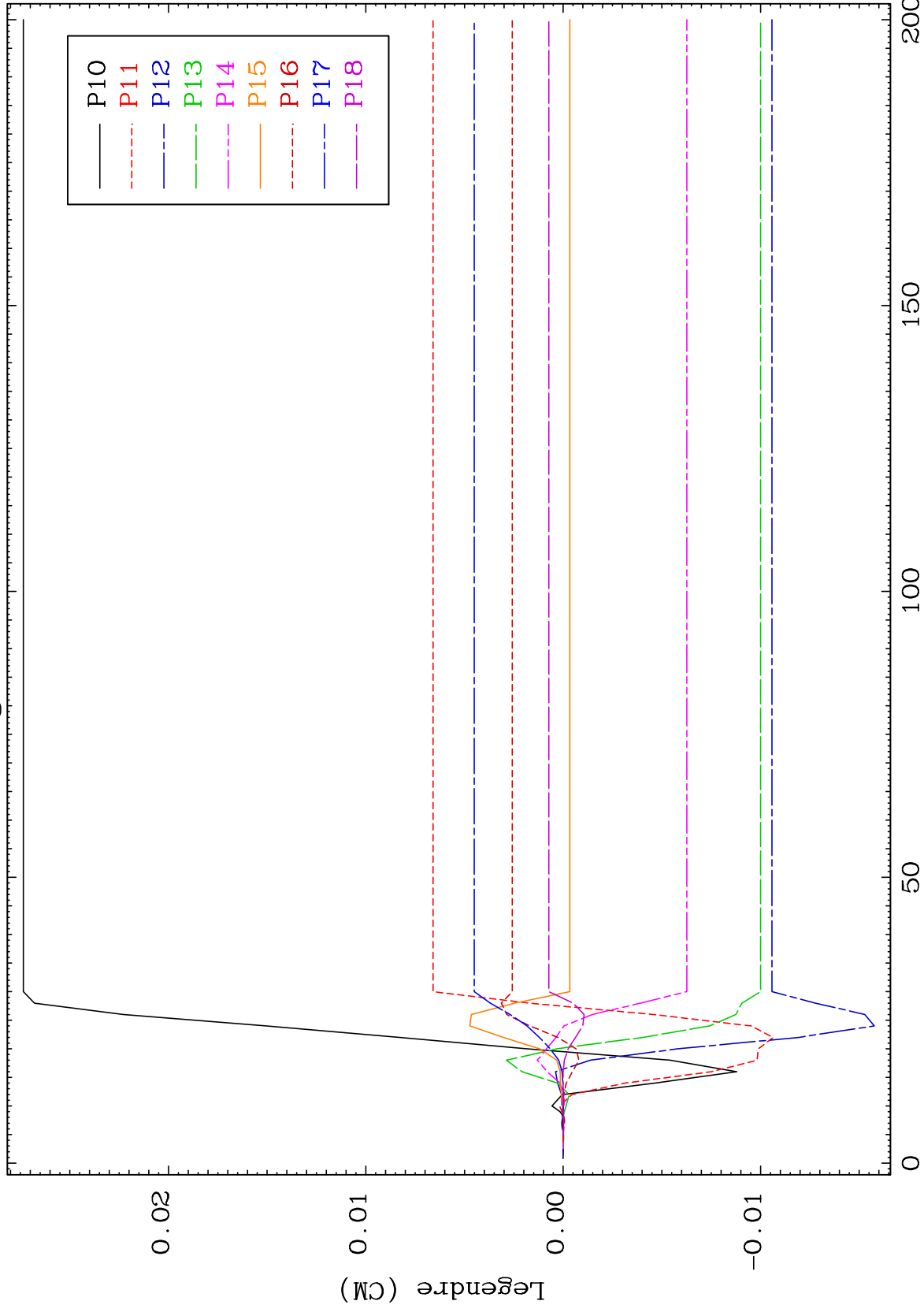
Incident Energy (MeV)

84

MAT 7695

548.9 keV (n,n') Level
Legendre Coefficients

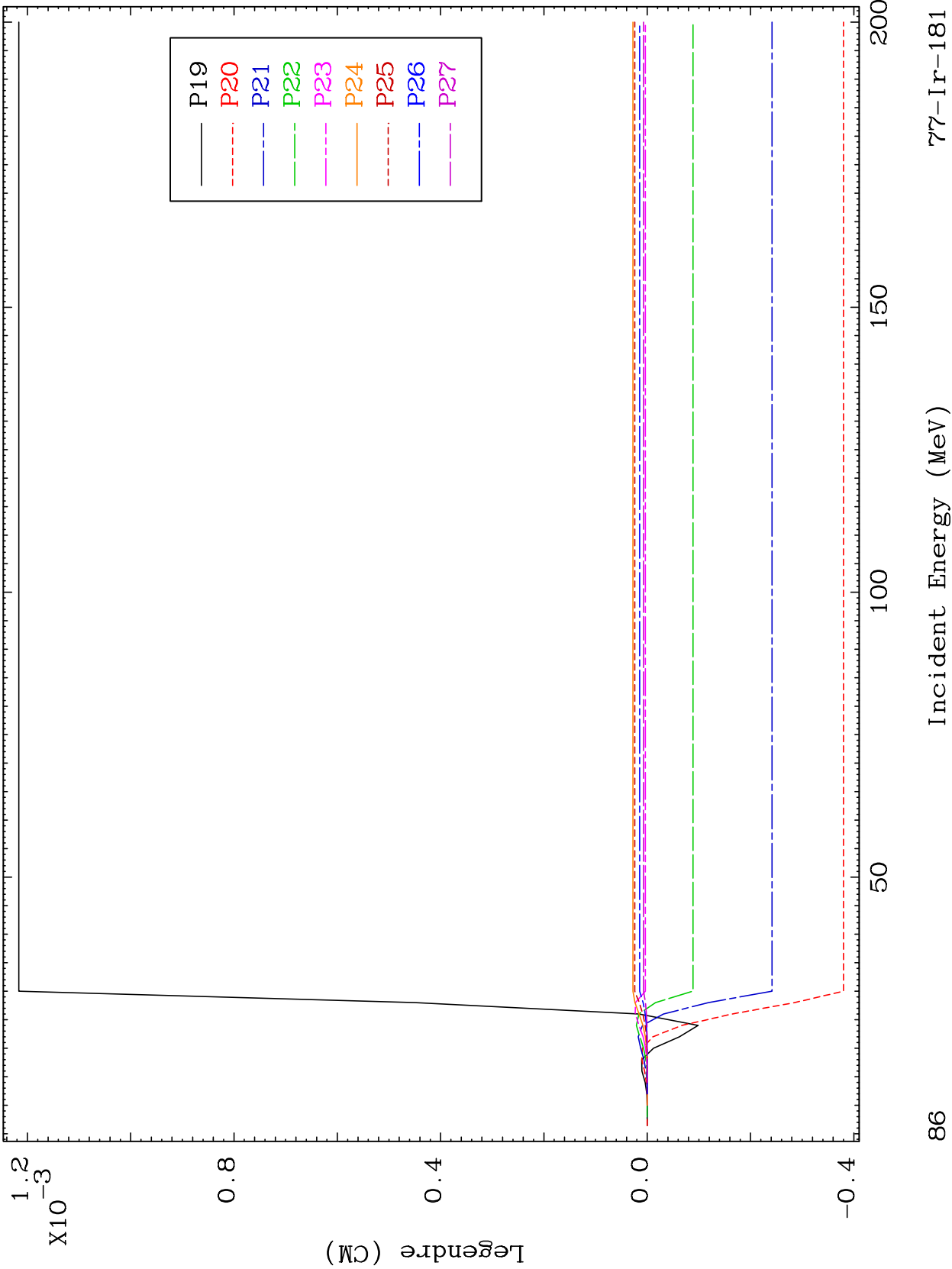
77-Ir-181



85

Incident Energy (MeV)

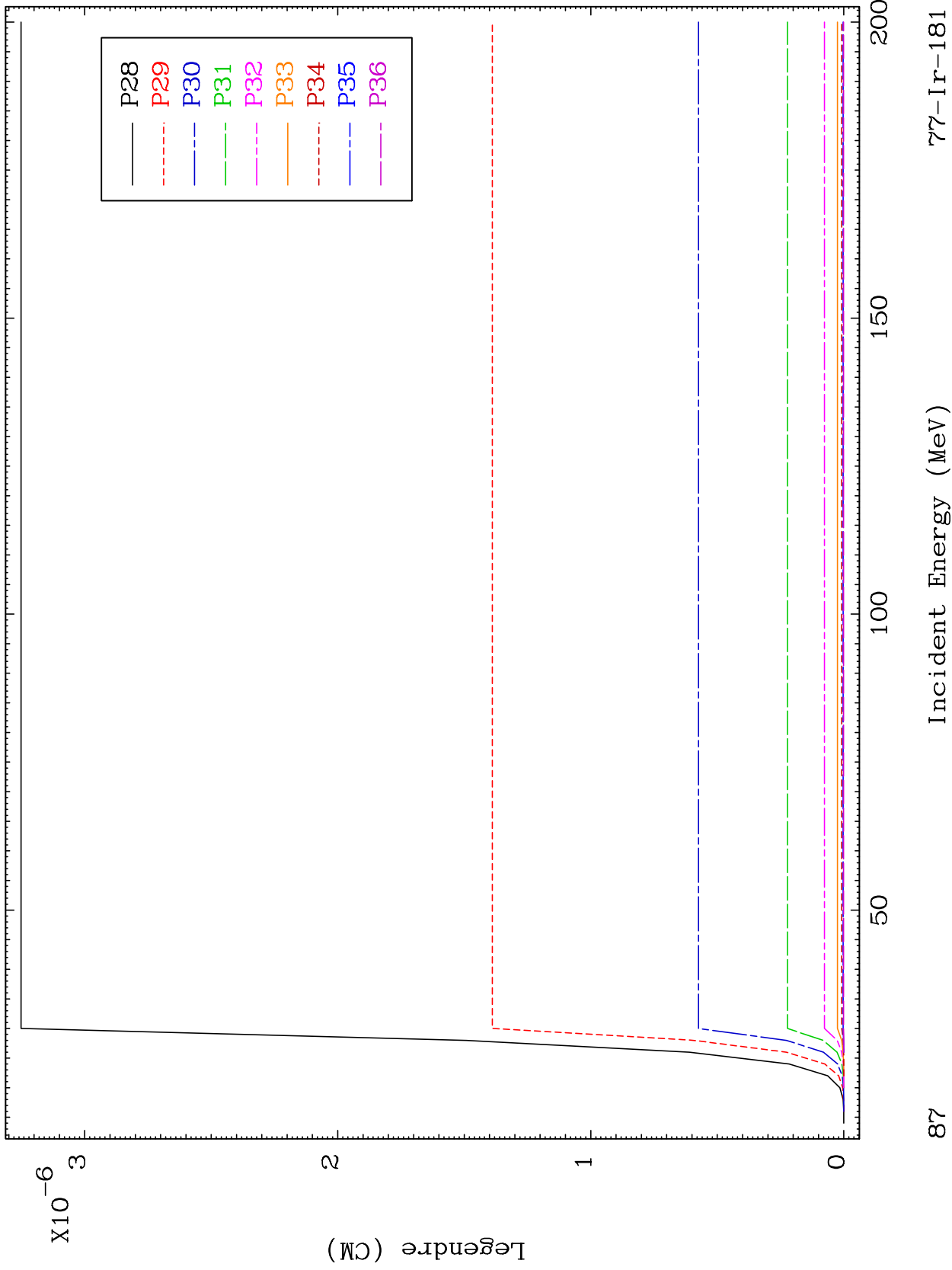
77-Ir-181



MAT 7695

548.9 keV (n,n') Level
Legendre Coefficients

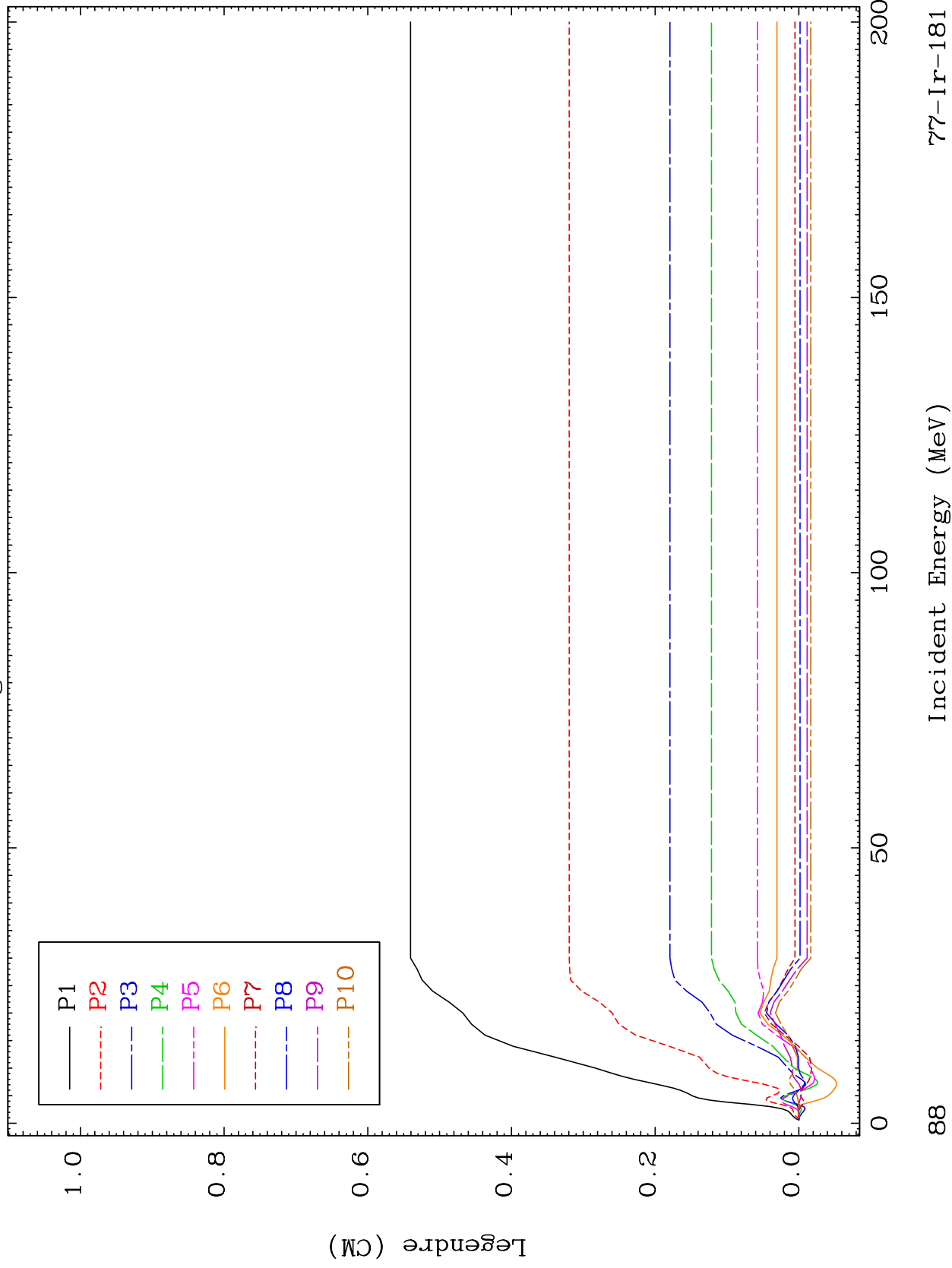
77-Ir-181



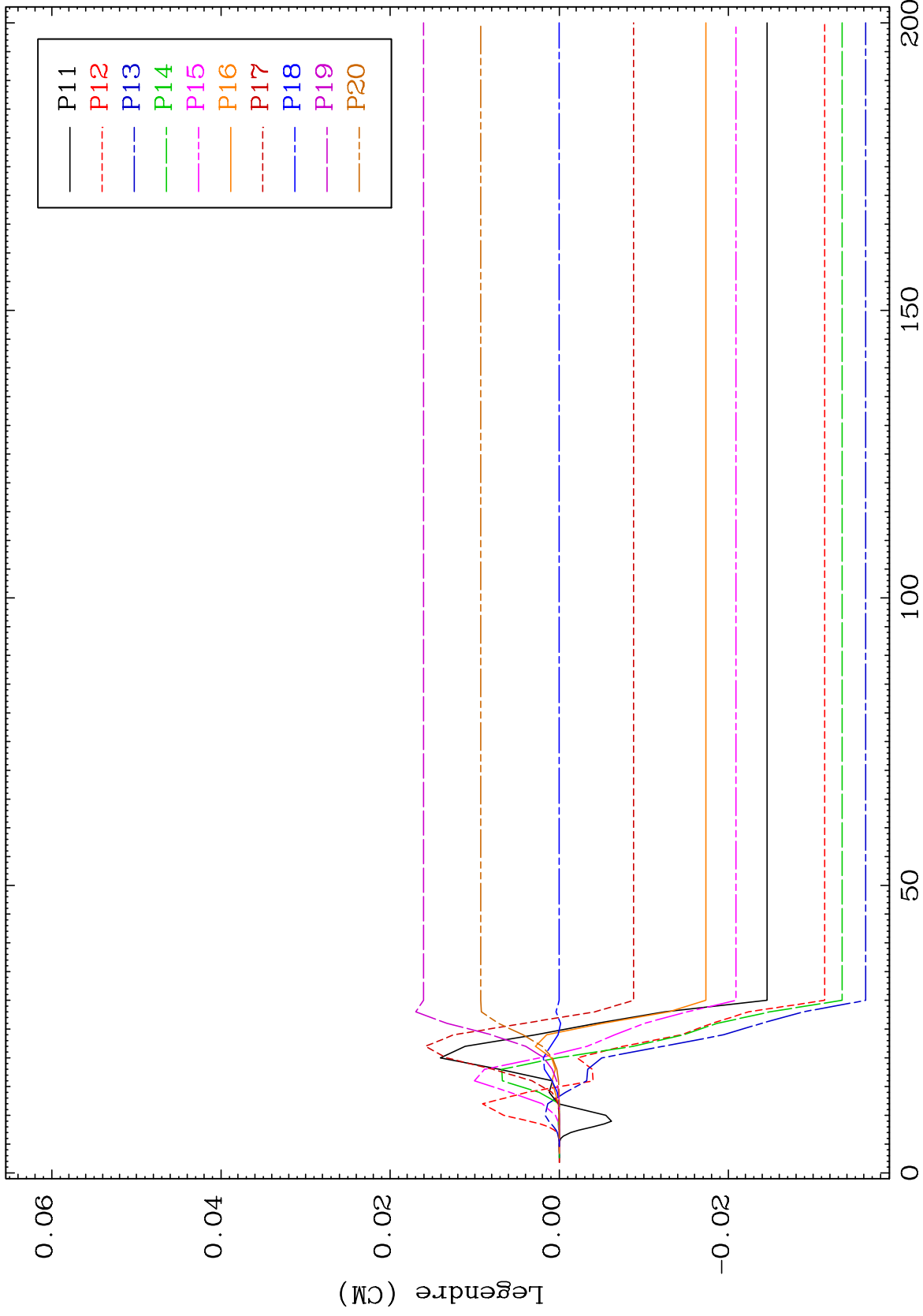
MAT 7695

568.8 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



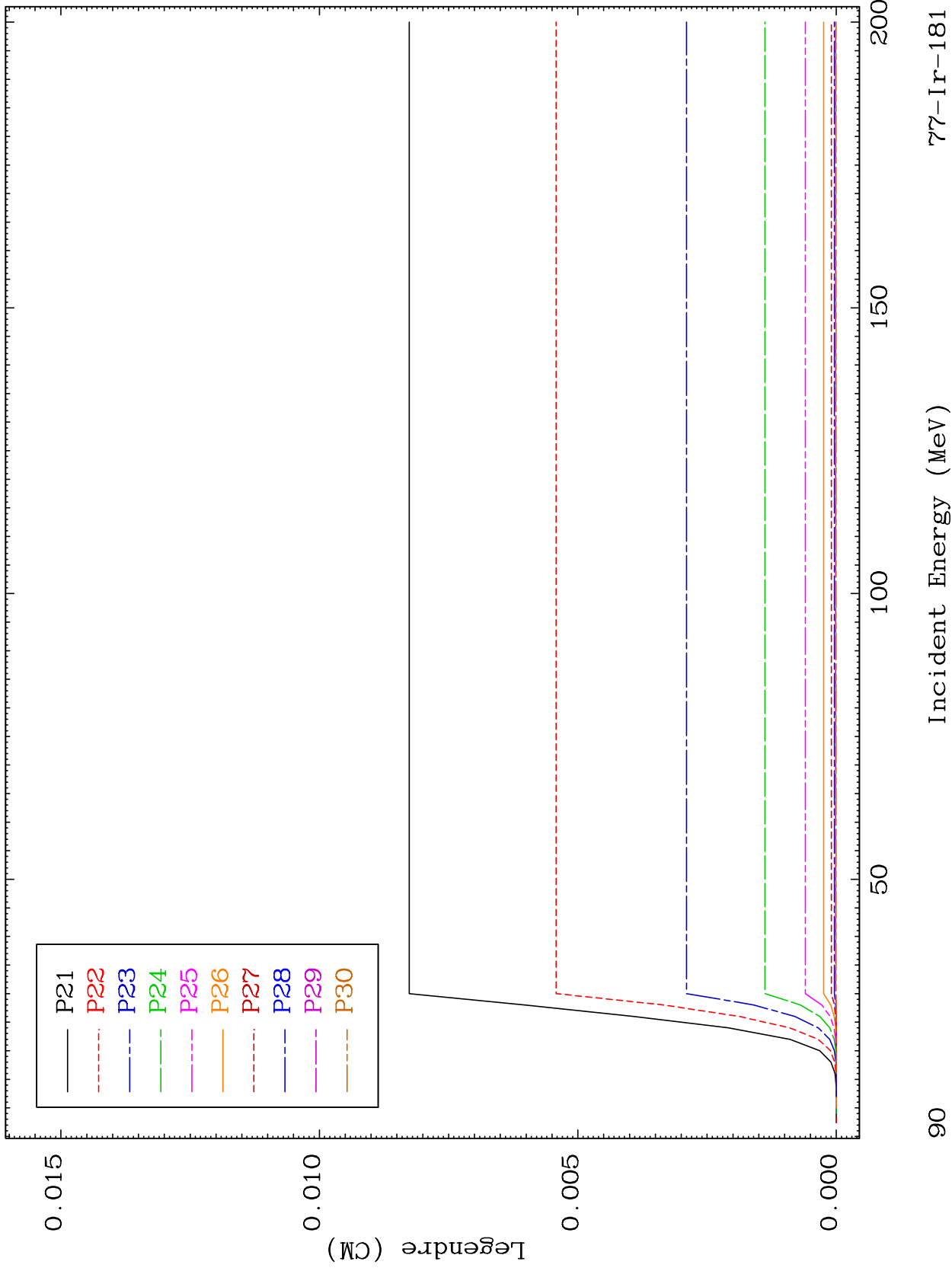
88



MAT 7695

568.8 keV (n,n') Level
Legendre Coefficients

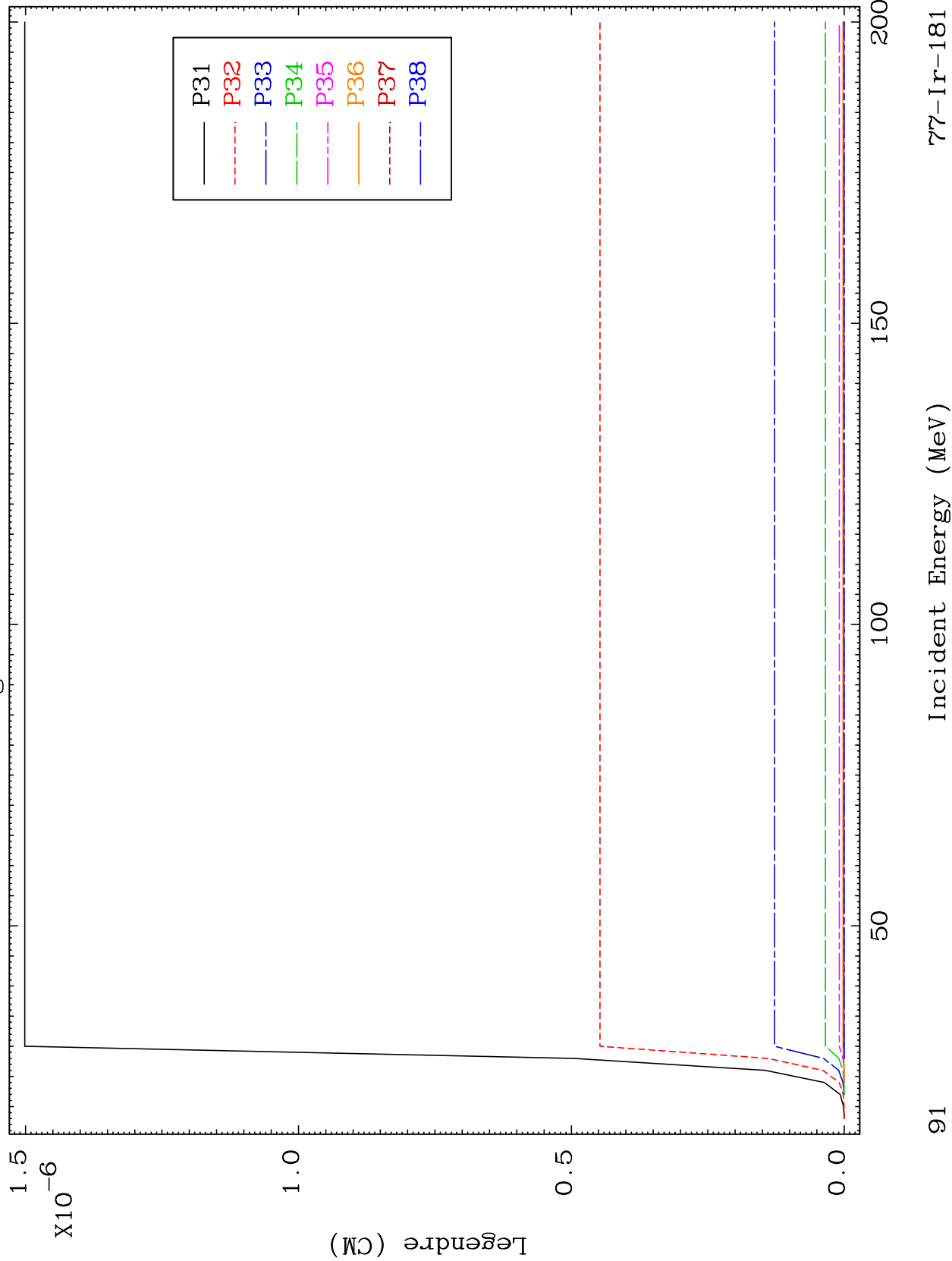
⁷⁷Ir-181



90

Incident Energy (MeV)

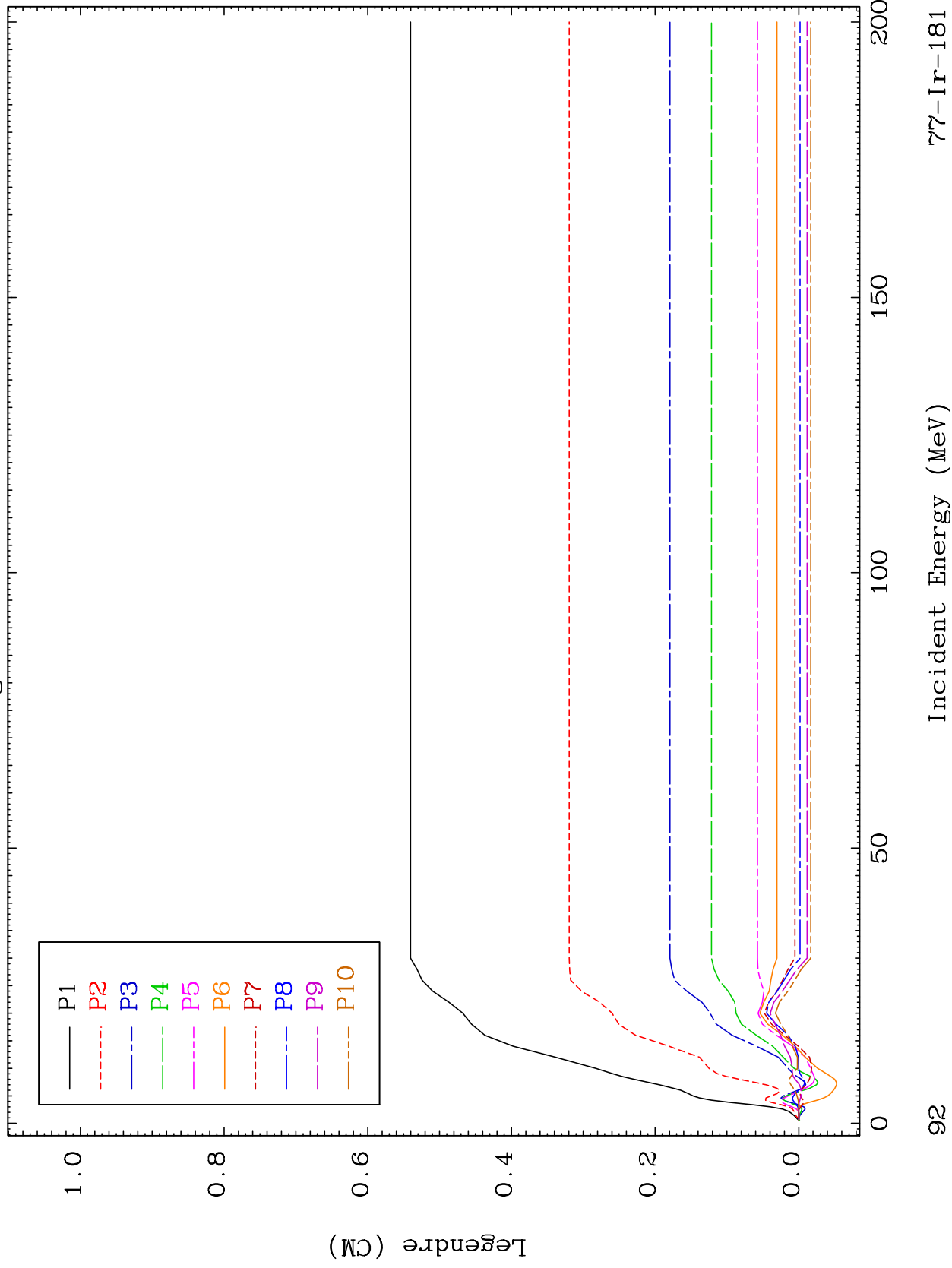
⁷⁷Ir-181



MAT 7695

591.2 keV (n,n') Level
Legendre Coefficients

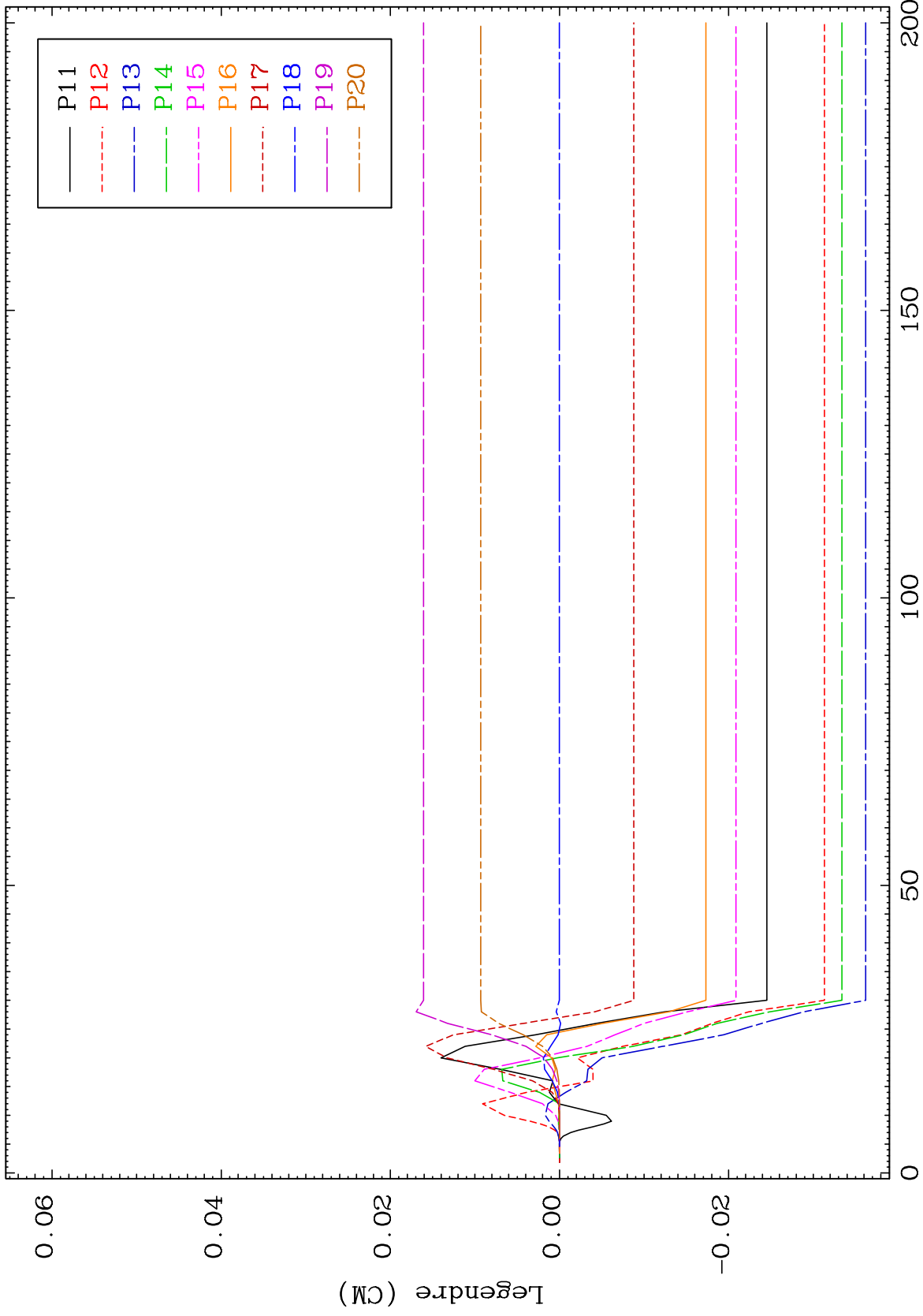
⁷⁷Ir-181

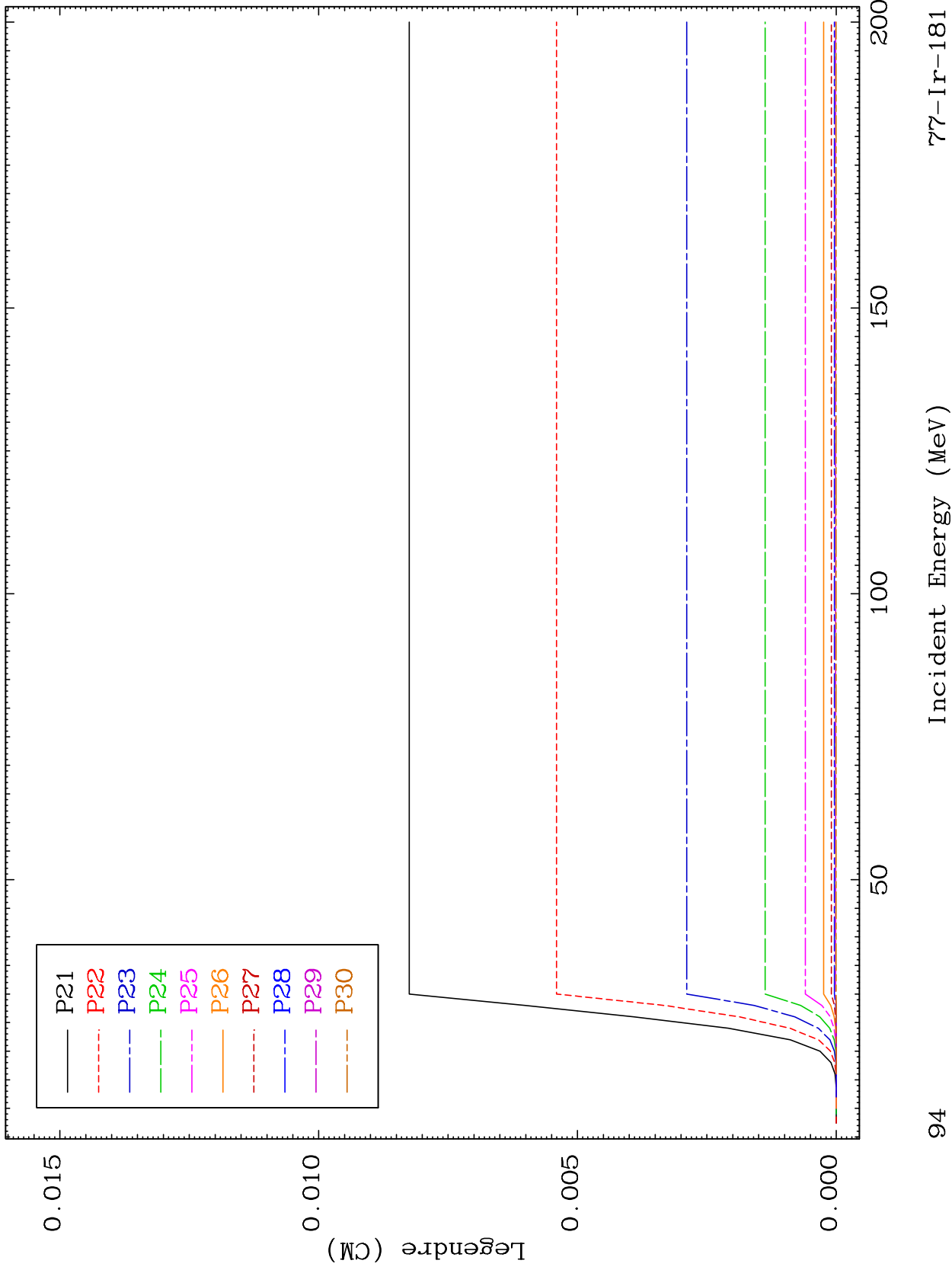


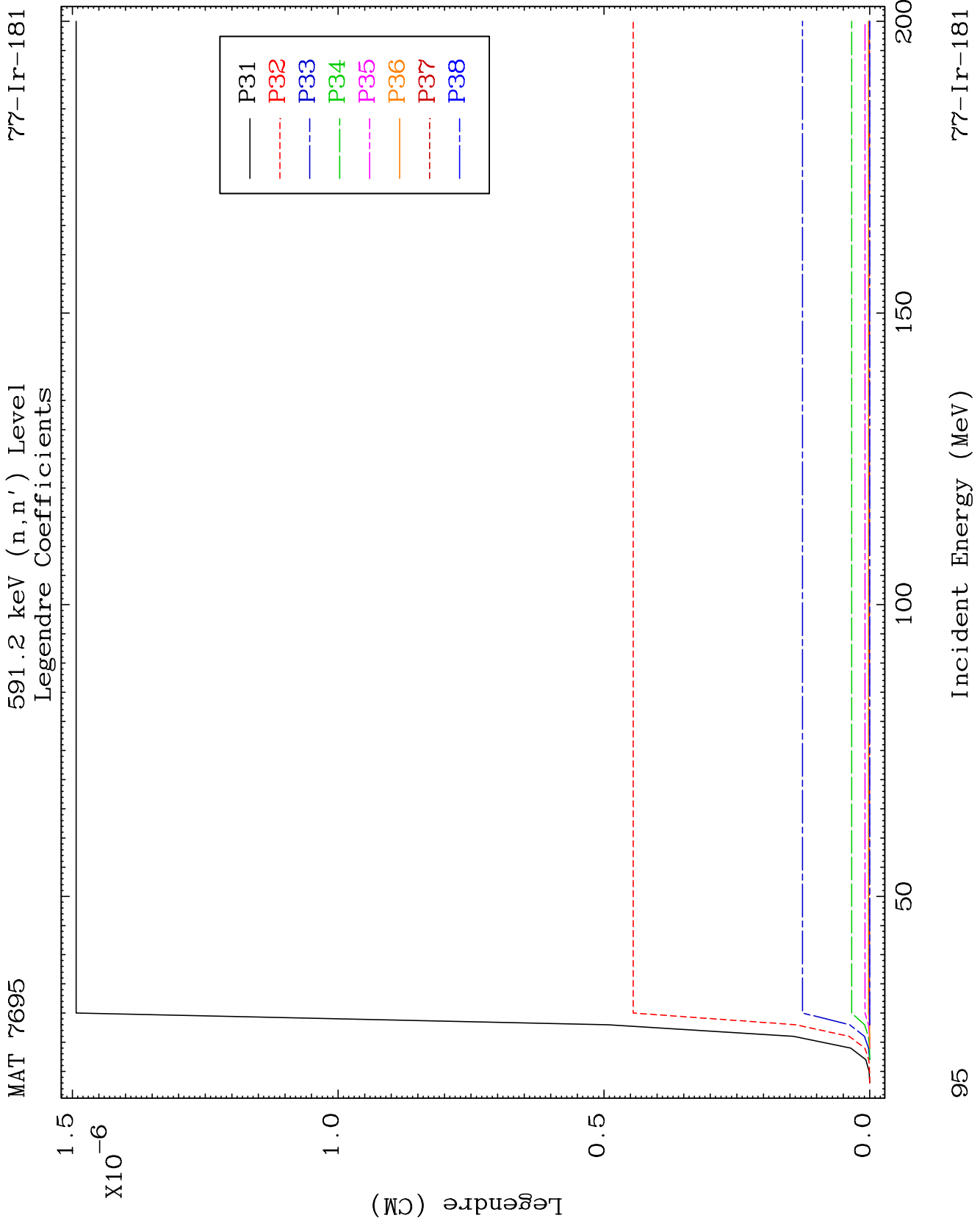
92

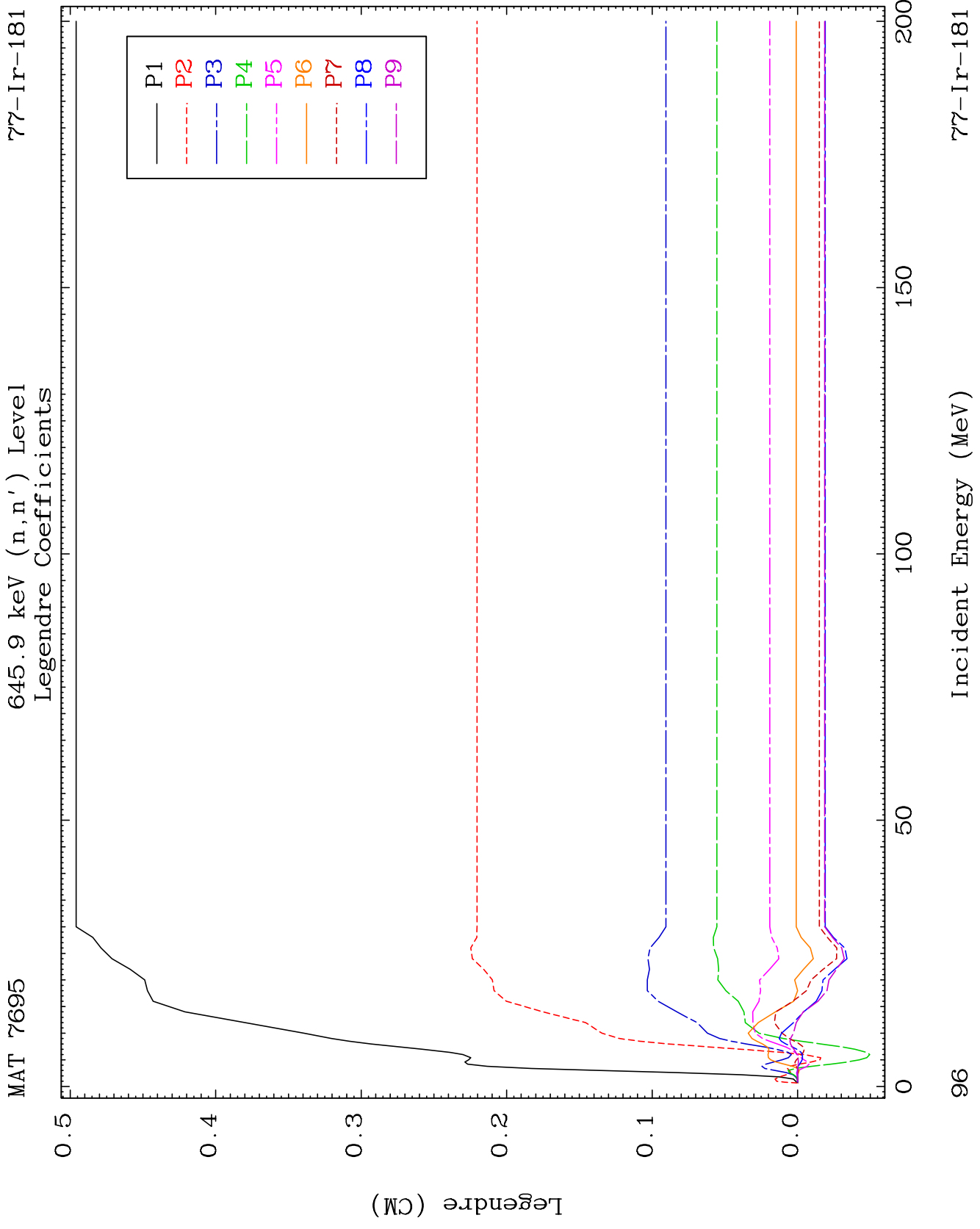
Incident Energy (MeV)

⁷⁷Ir-181





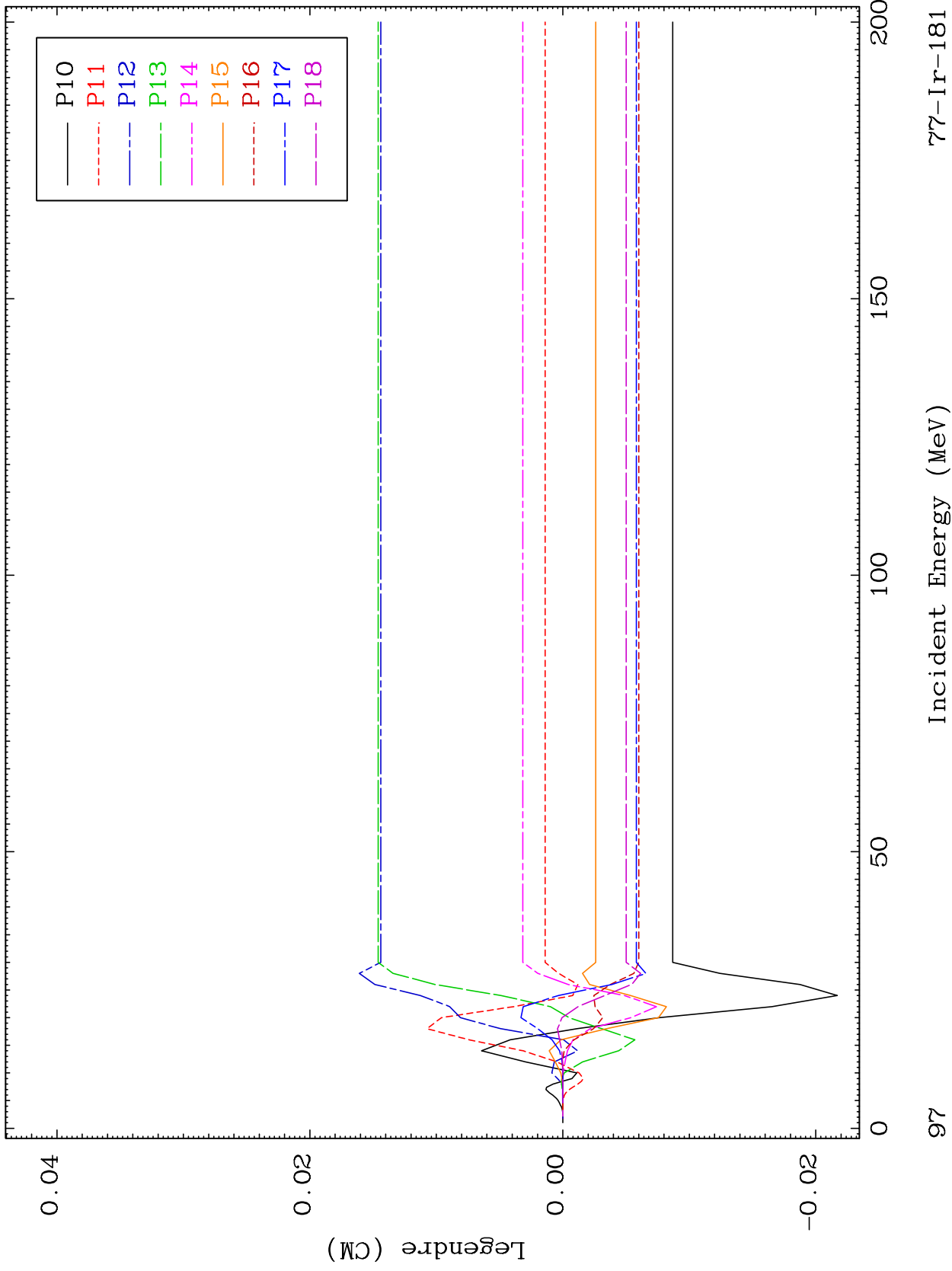




MAT 7695

645.9 keV (n,n') Level
Legendre Coefficients

77-Ir-181



97

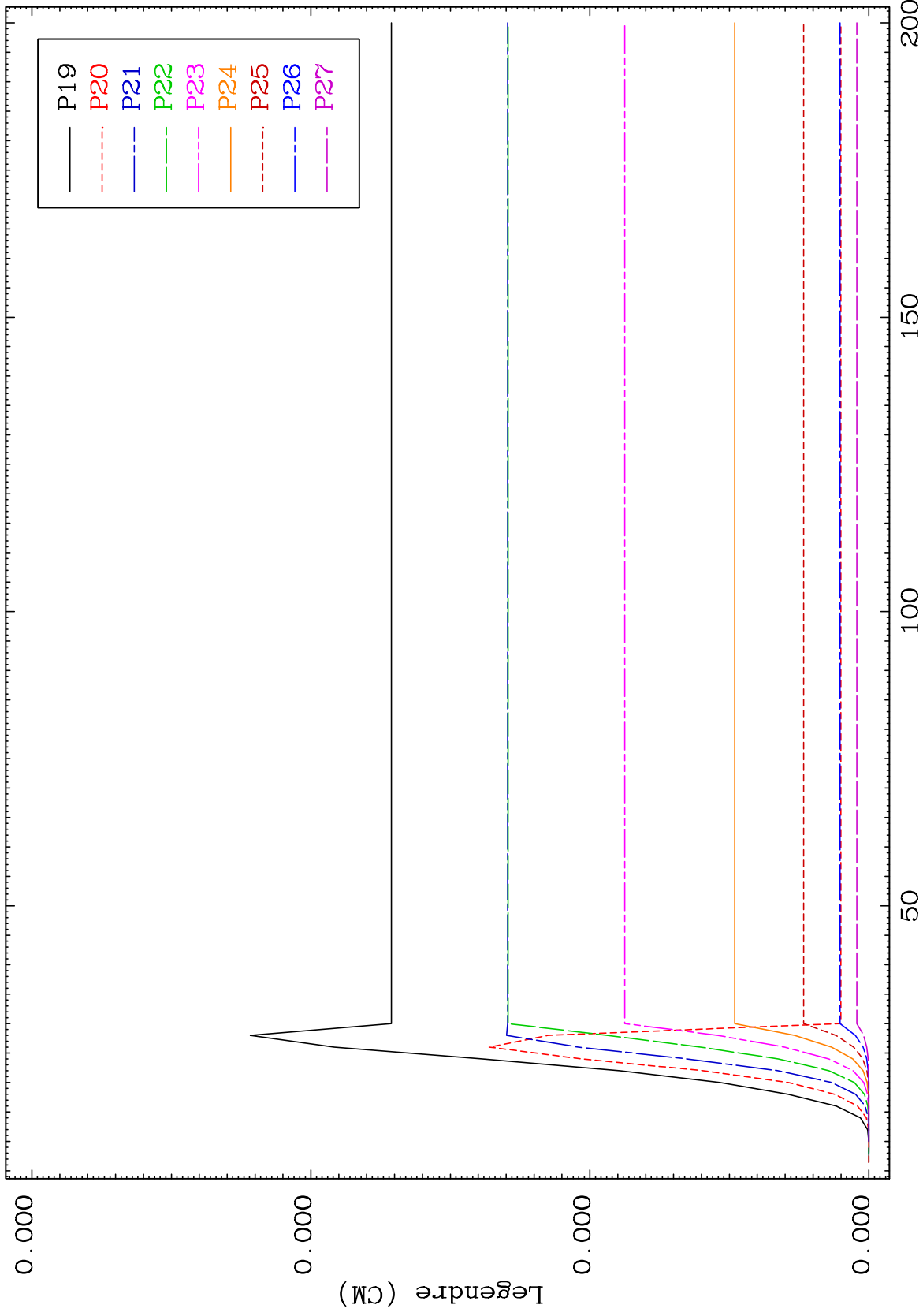
Incident Energy (MeV)

77-Ir-181

MAT 7695

645.9 keV (n,n') Level
Legendre Coefficients

77-Ir-181



98

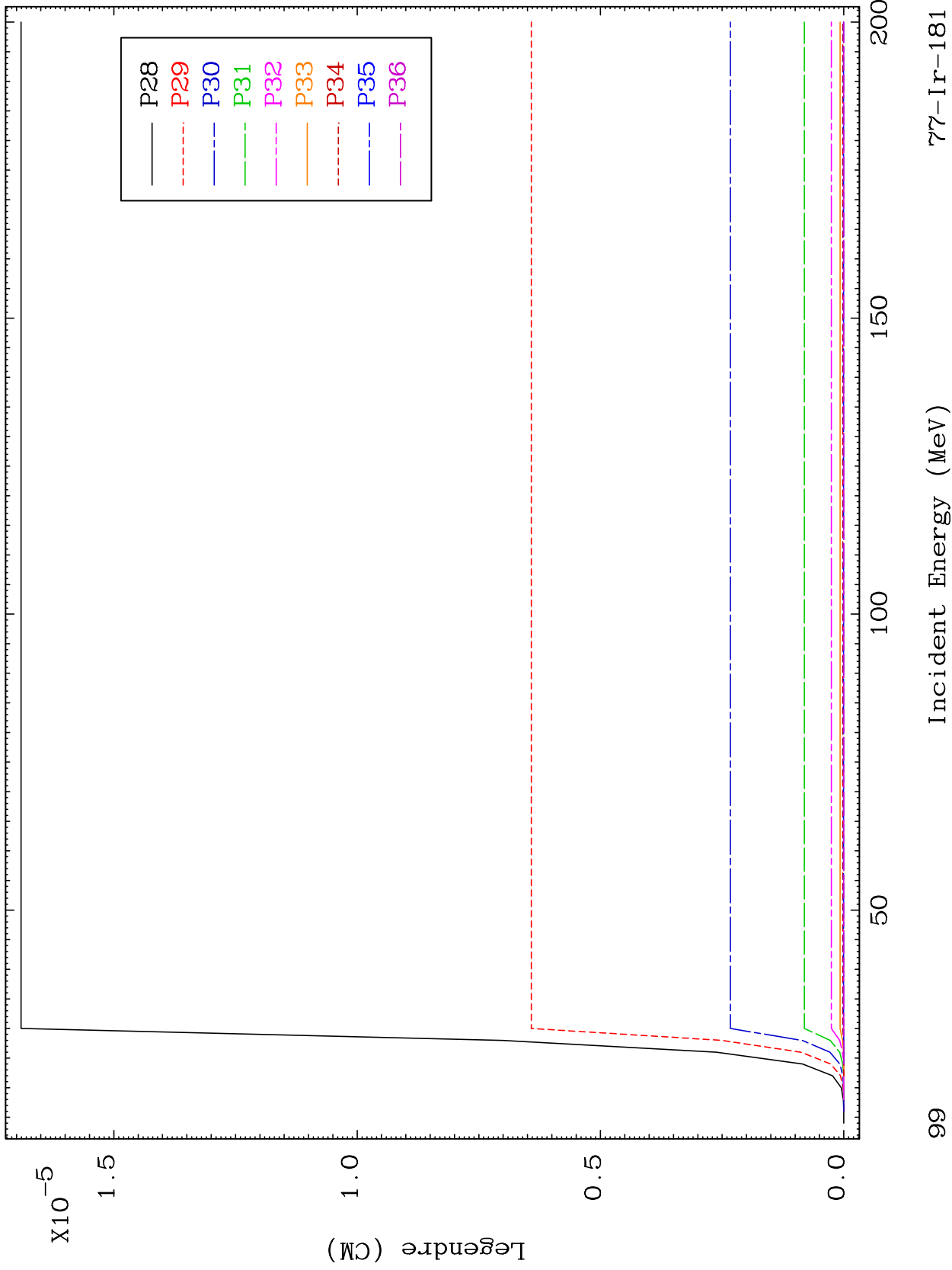
Incident Energy (MeV)

77-Ir-181

MAT 7695

645.9 keV (n,n') Level
Legendre Coefficients

77-Ir-181



99

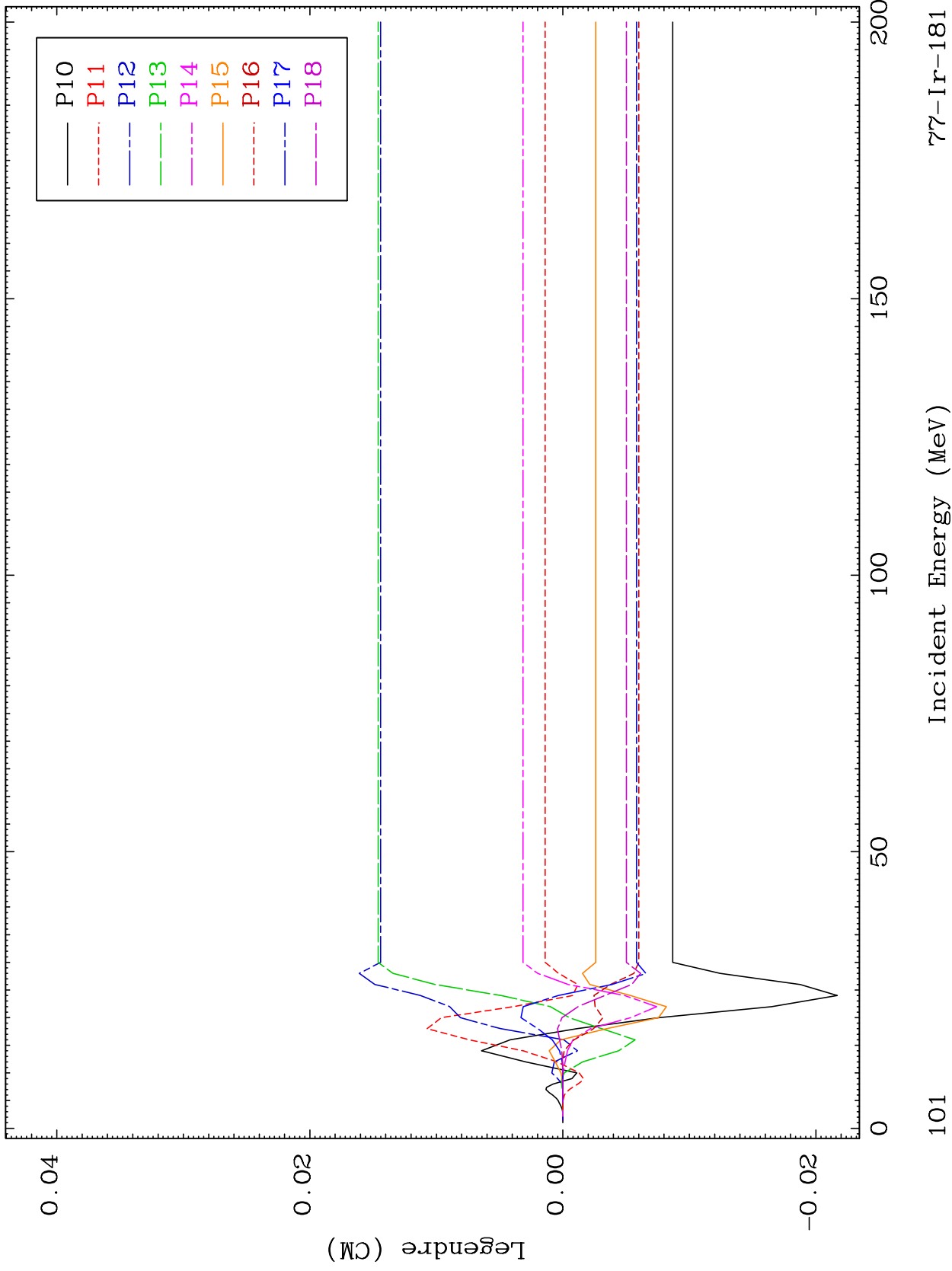
Incident Energy (MeV)

77-Ir-181

MAT 7695

654.6 keV (n,n') Level
Legendre Coefficients

77-Ir-181



77-Ir-181

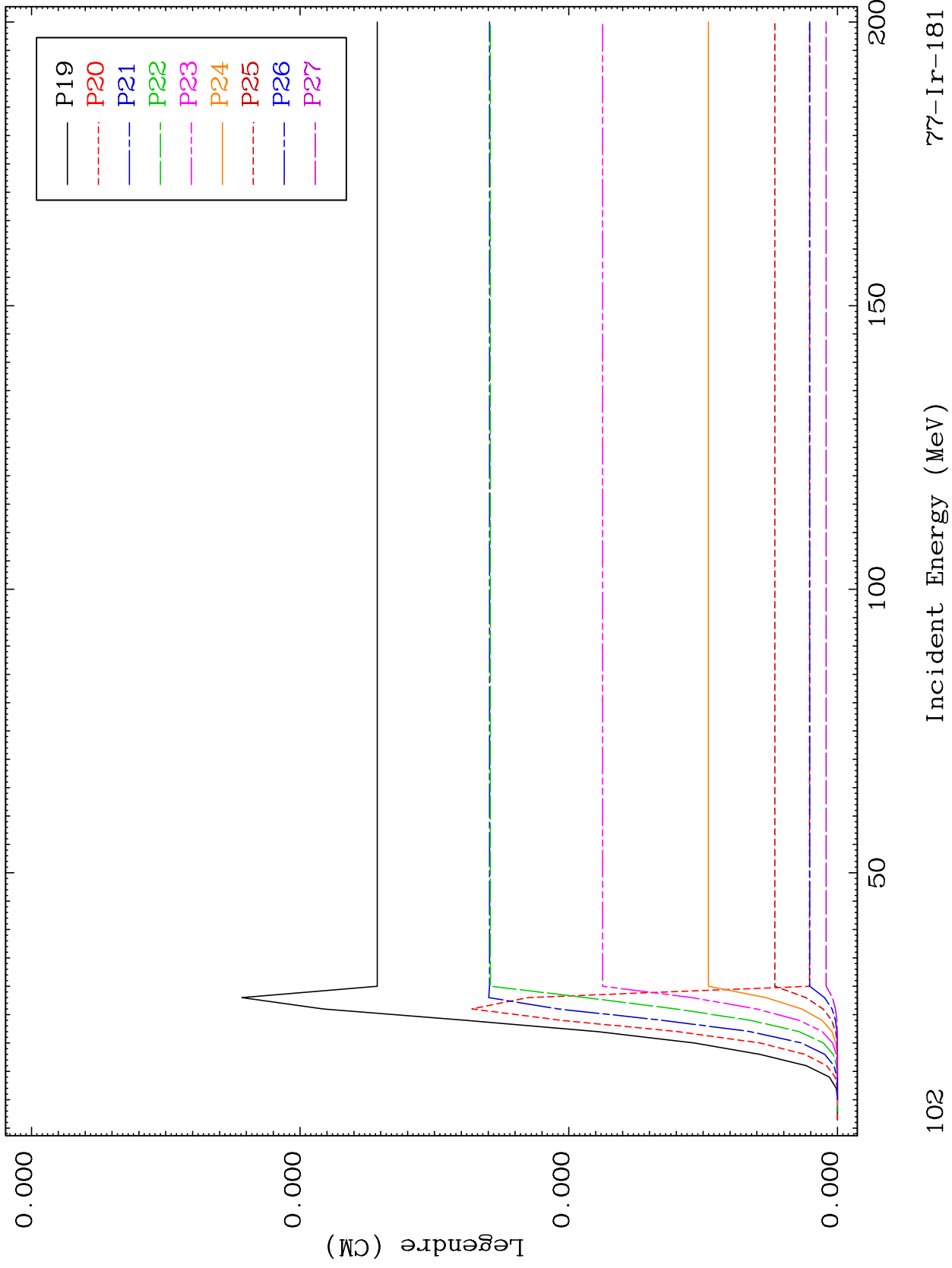
Incident Energy (MeV)

101

MAT 7695

654.6 keV (n,n') Level
Legendre Coefficients

77-Ir-181



102

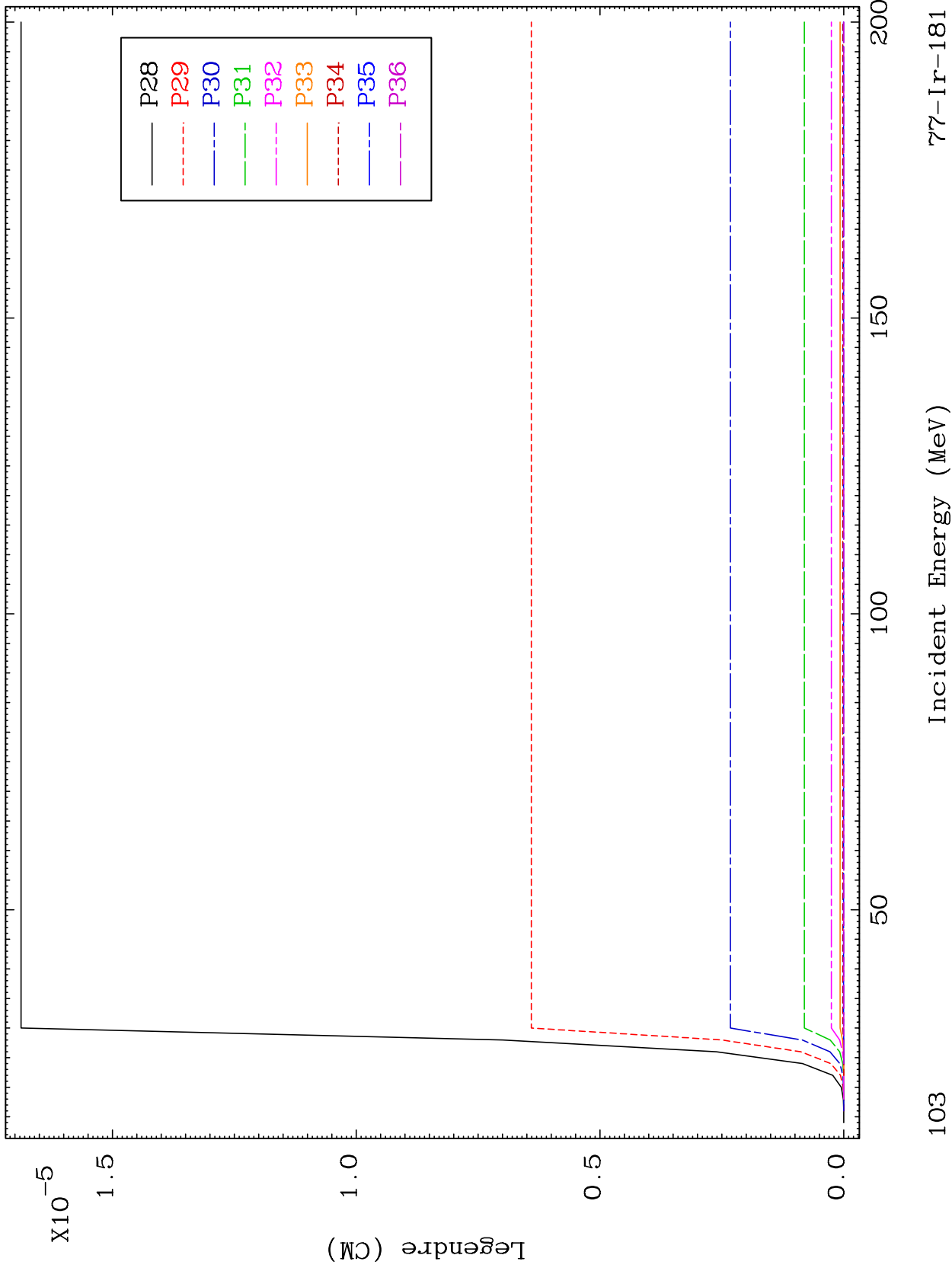
Incident Energy (MeV)

77-Ir-181

MAT 7695

654.6 keV (n,n') Level
Legendre Coefficients

77-Ir-181

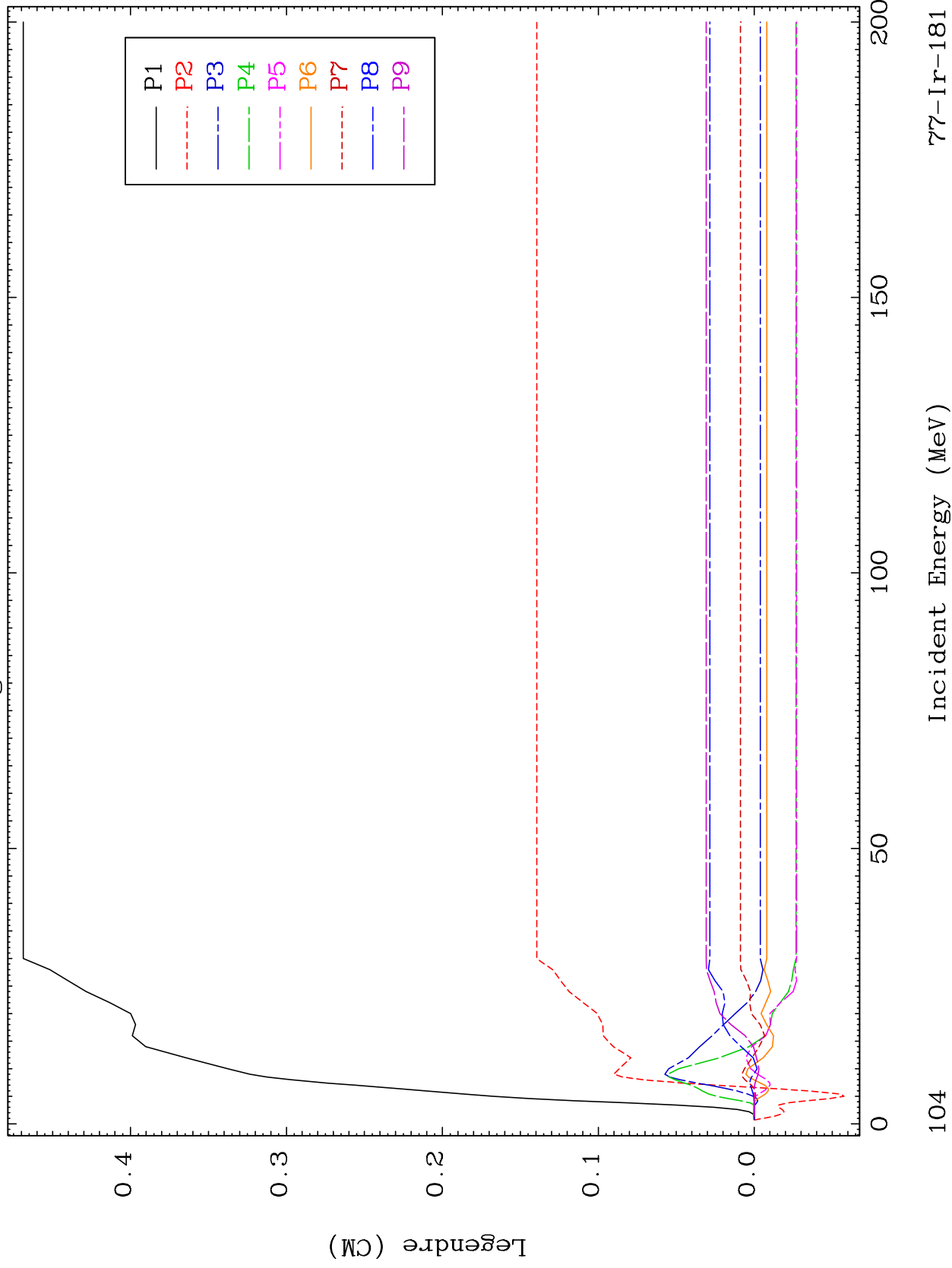


103

MAT 7695

673.3 keV (n,n') Level
Legendre Coefficients

77-Ir-181



77-Ir-181

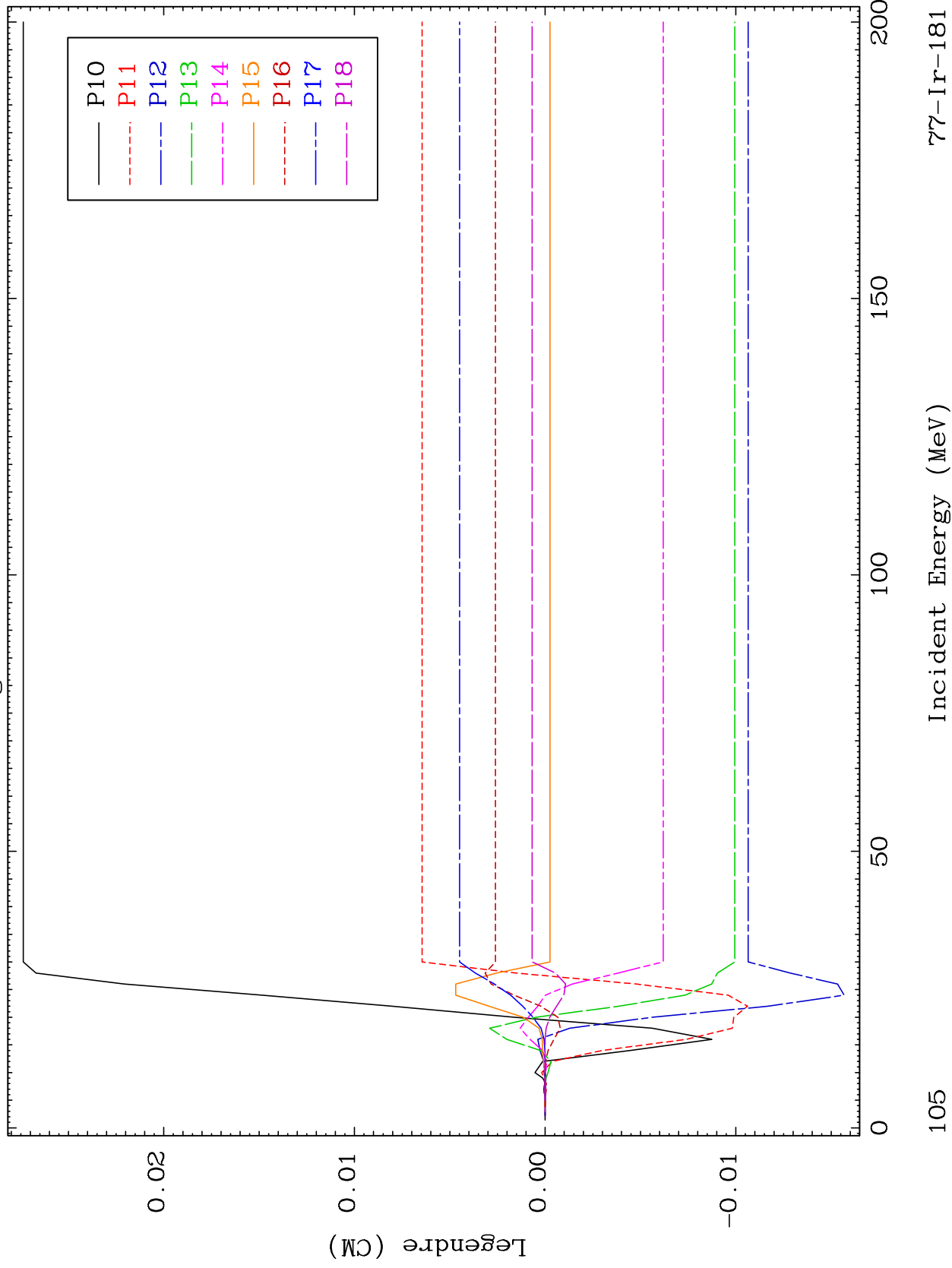
Incident Energy (MeV)

104

MAT 7695

673.3 keV (n,n') Level
Legendre Coefficients

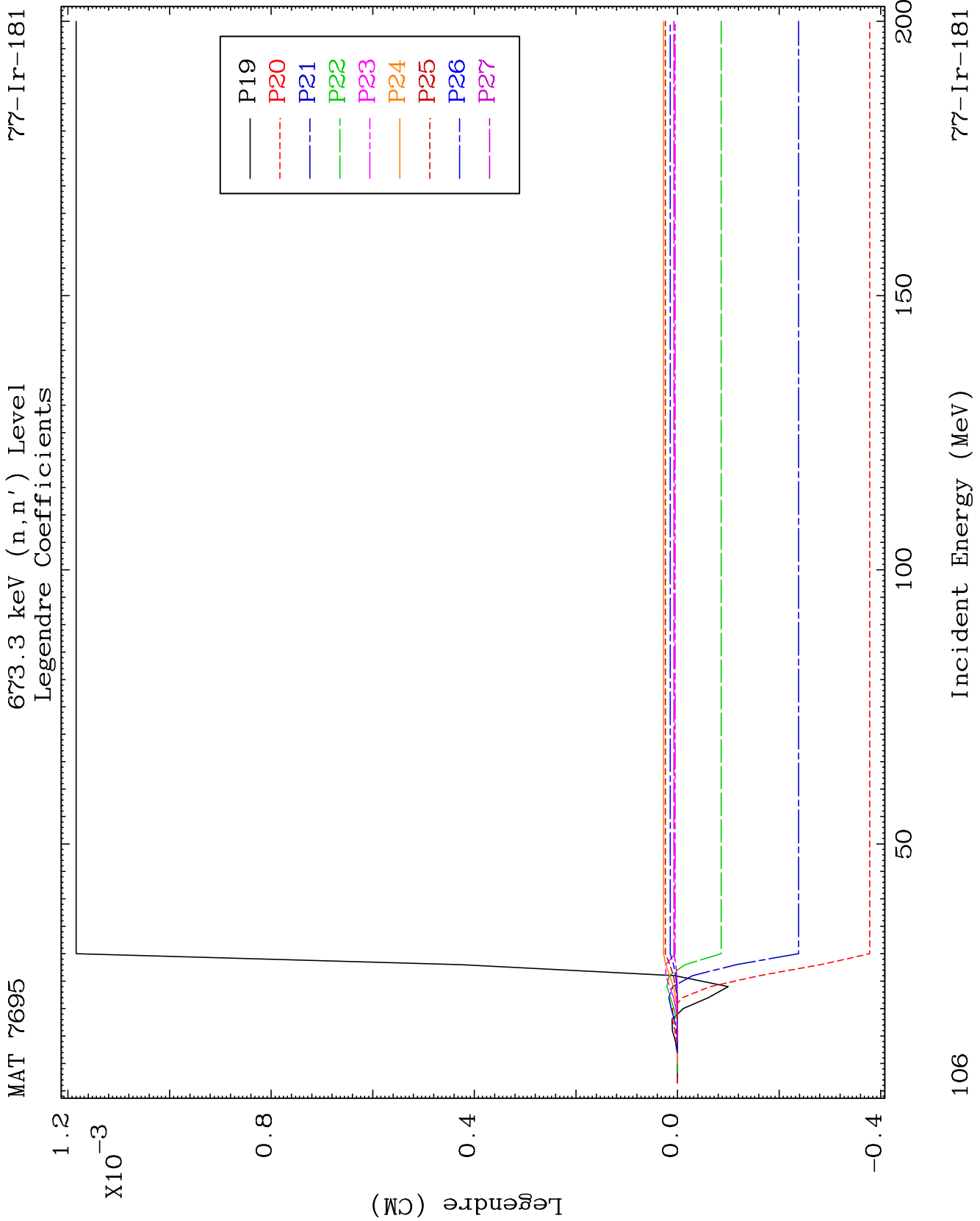
77-Ir-181



77-Ir-181

Incident Energy (MeV)

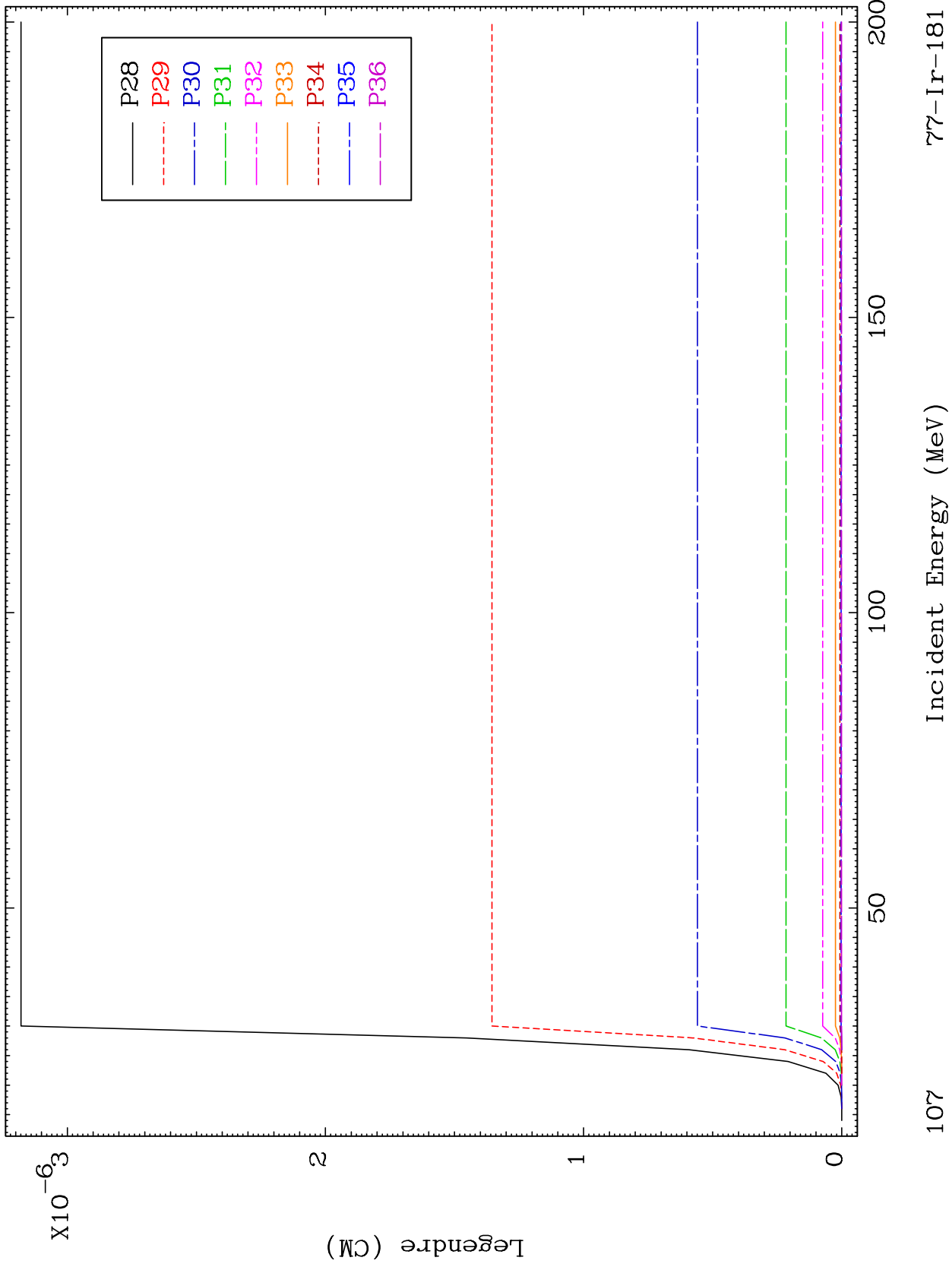
105



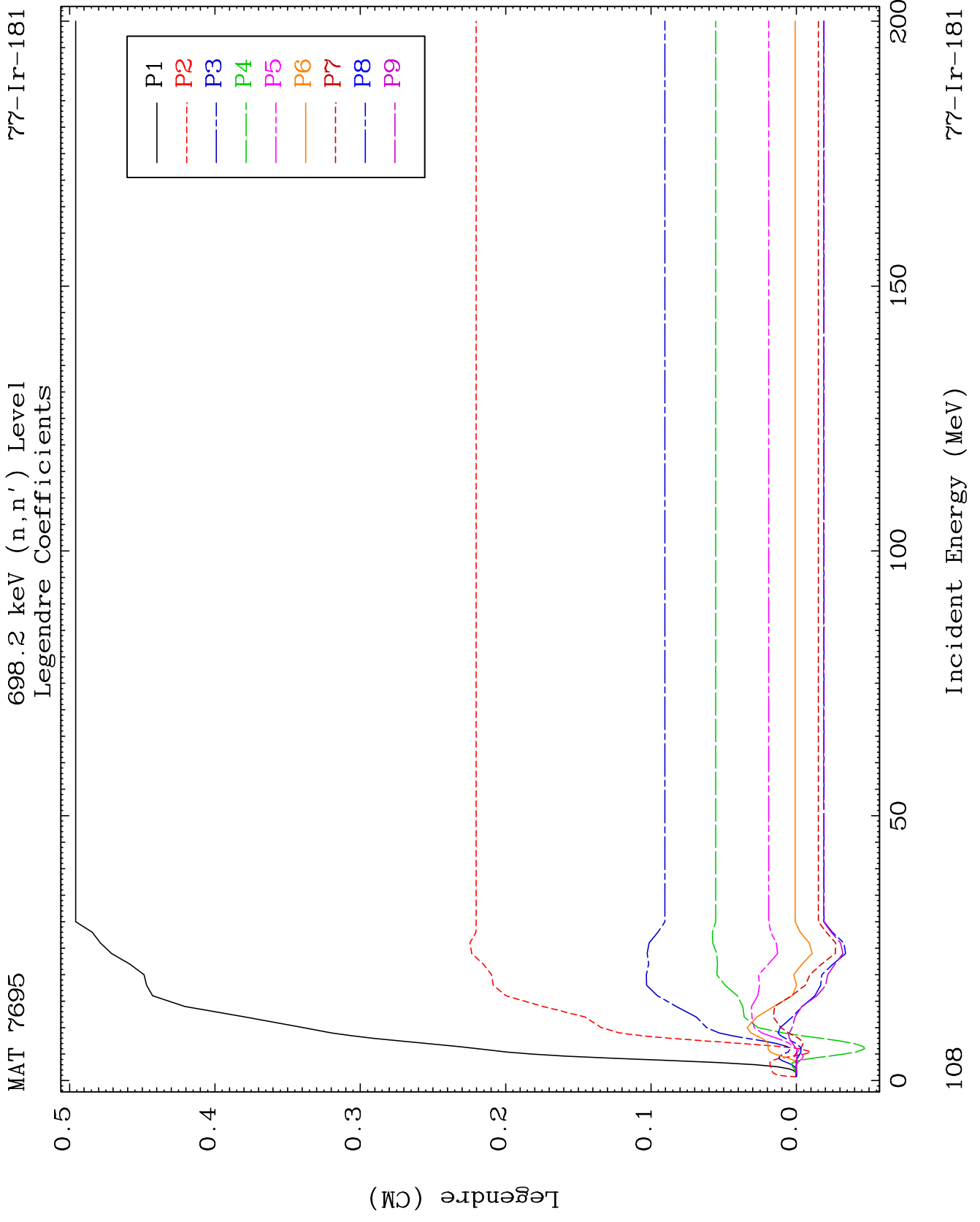
MAT 7695

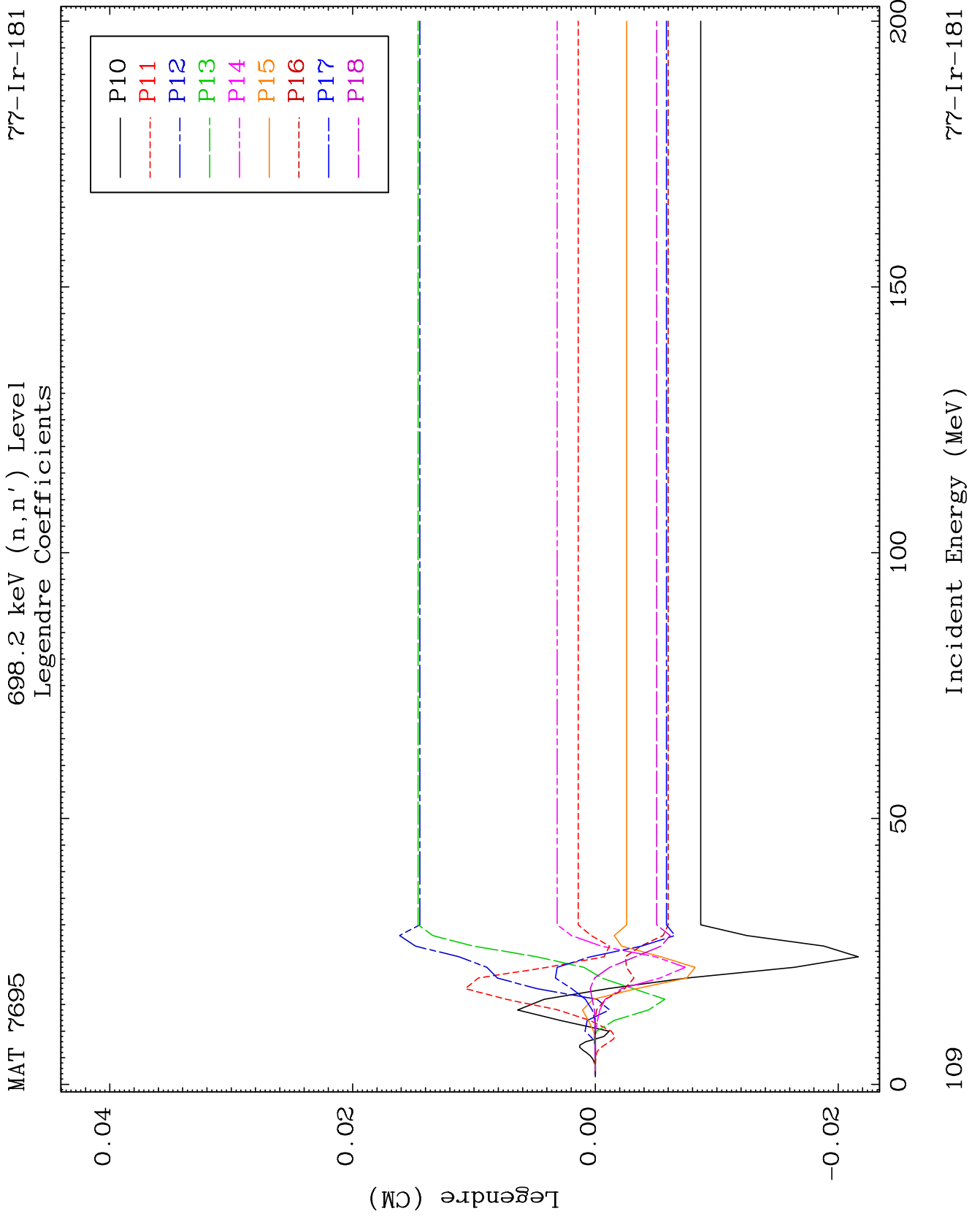
673.3 keV (n,n') Level
Legendre Coefficients

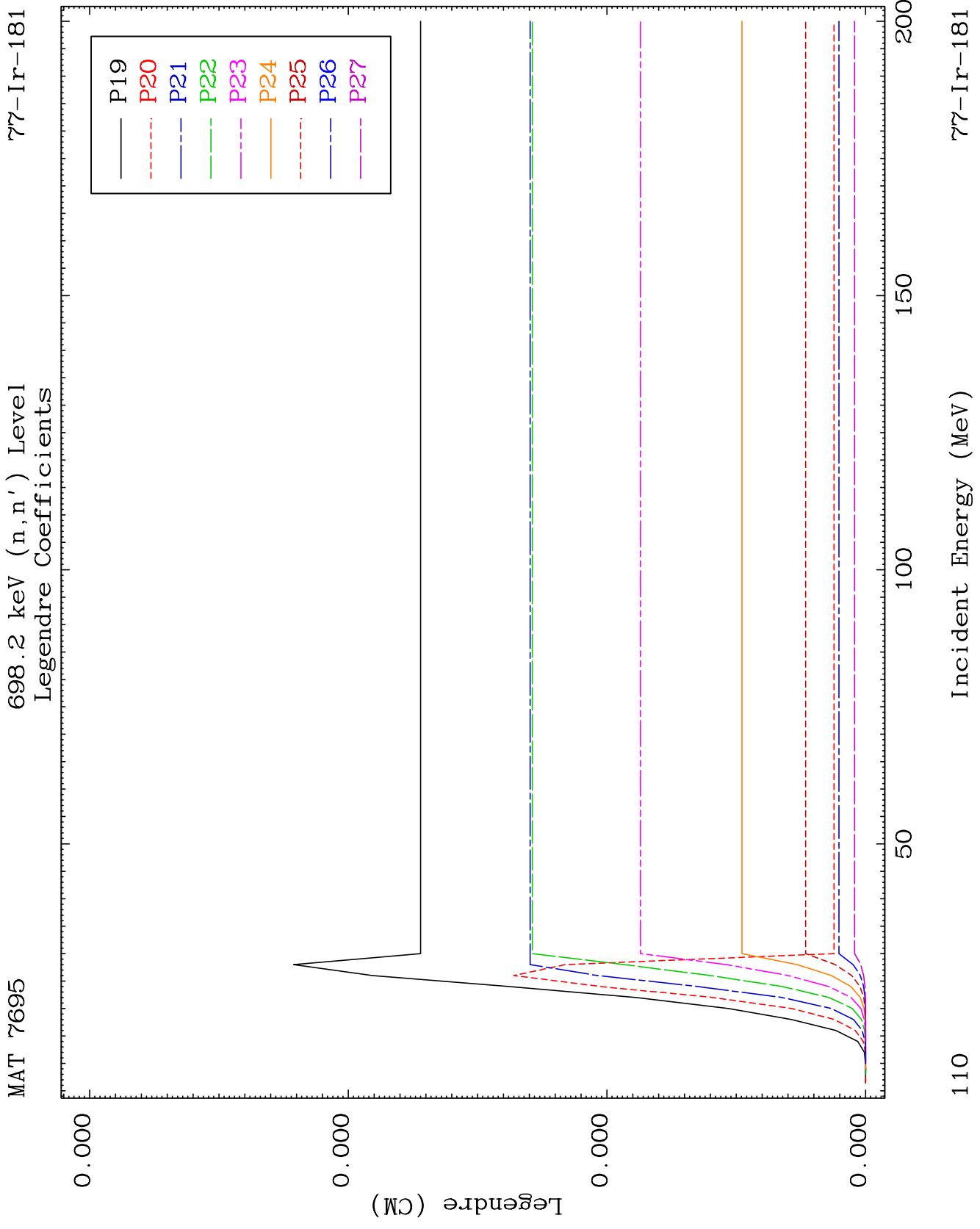
⁷⁷Ir-181



107



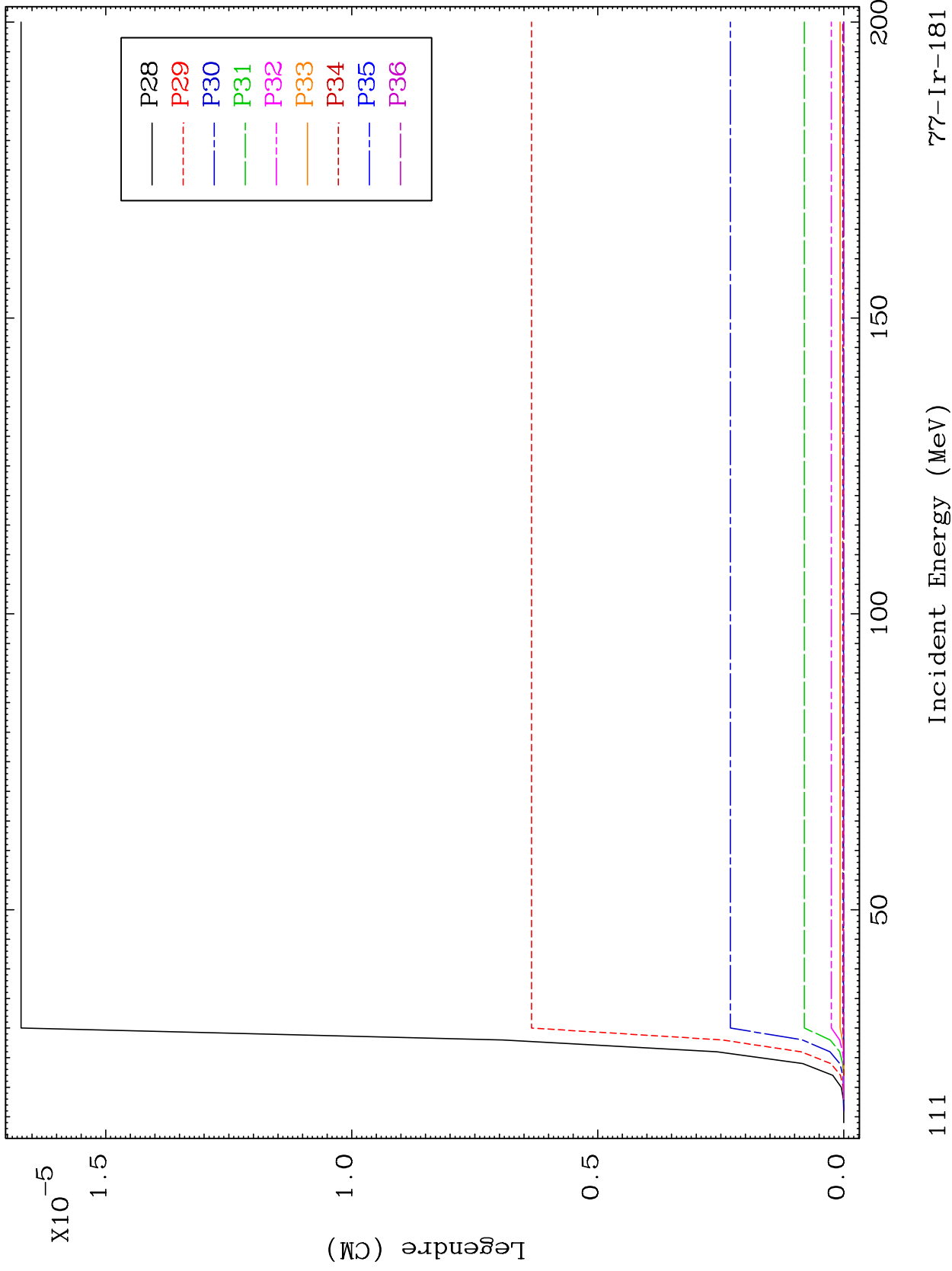




MAT 7695

698.2 keV (n,n') Level
Legendre Coefficients

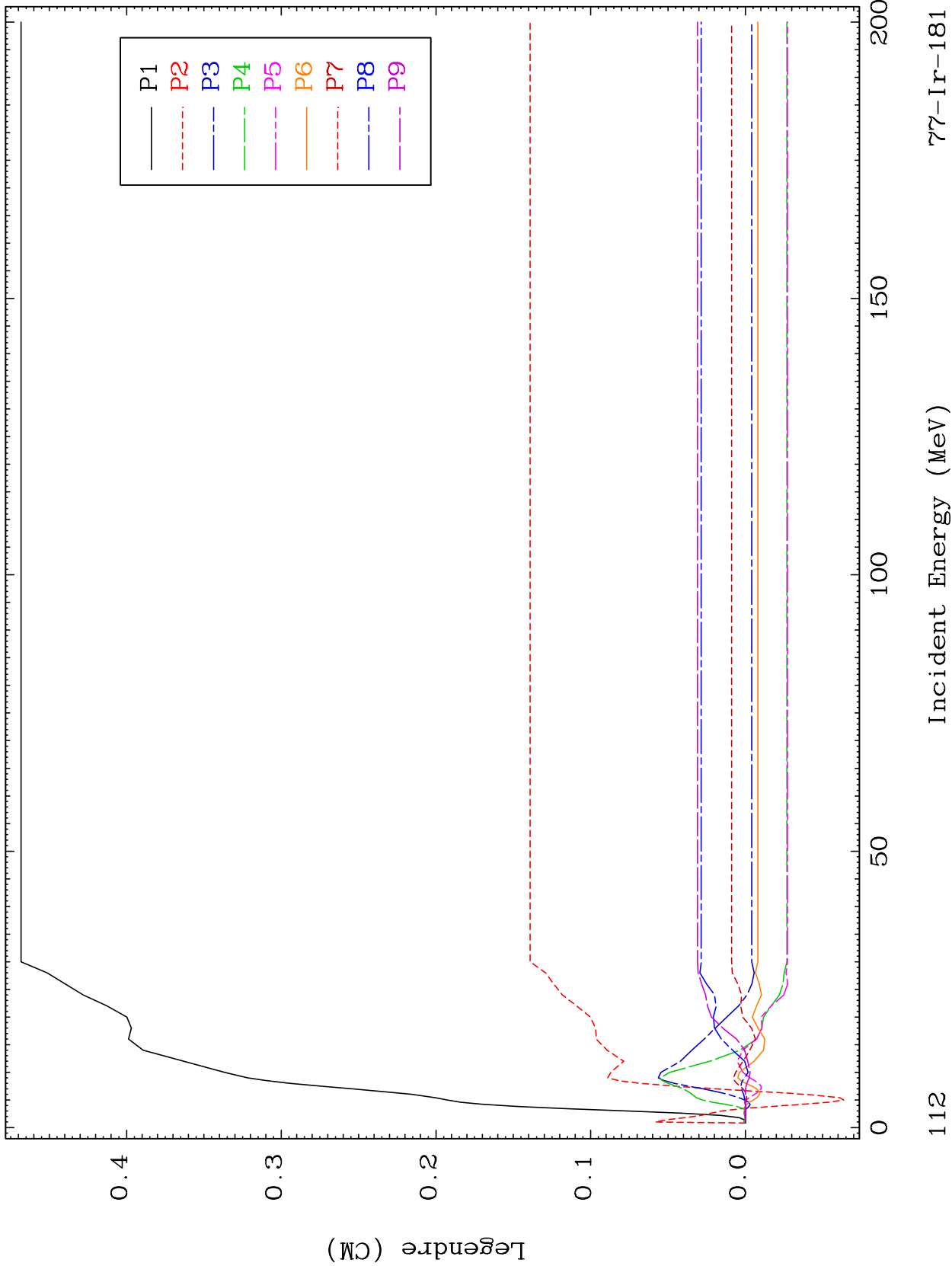
77-Ir-181



MAT 7695

815.6 keV (n,n') Level
Legendre Coefficients

77-Ir-181

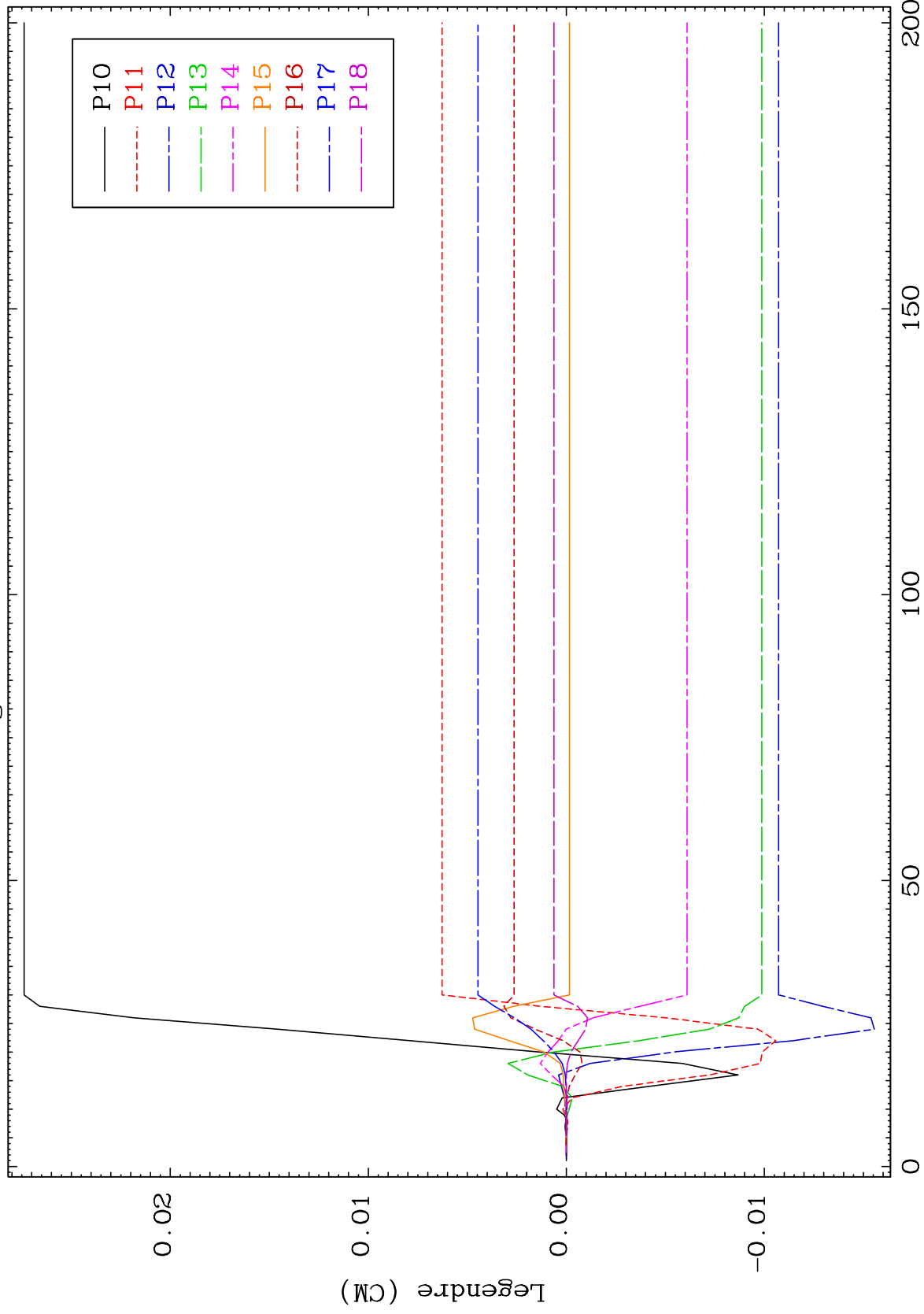


112

MAT 7695

815.6 keV (n,n') Level
Legendre Coefficients

77-Ir-181



113

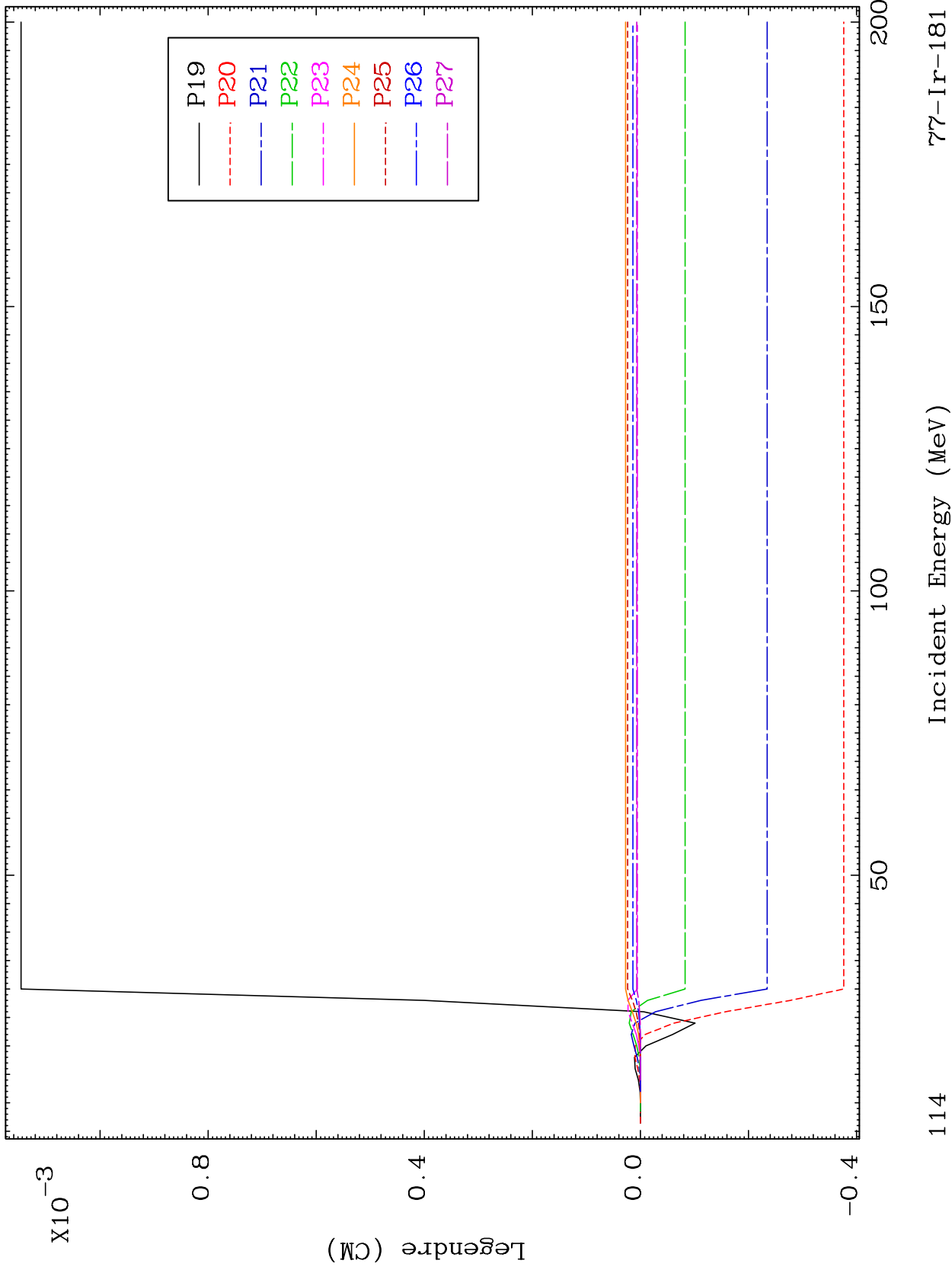
Incident Energy (MeV)

77-Ir-181

MAT 7695

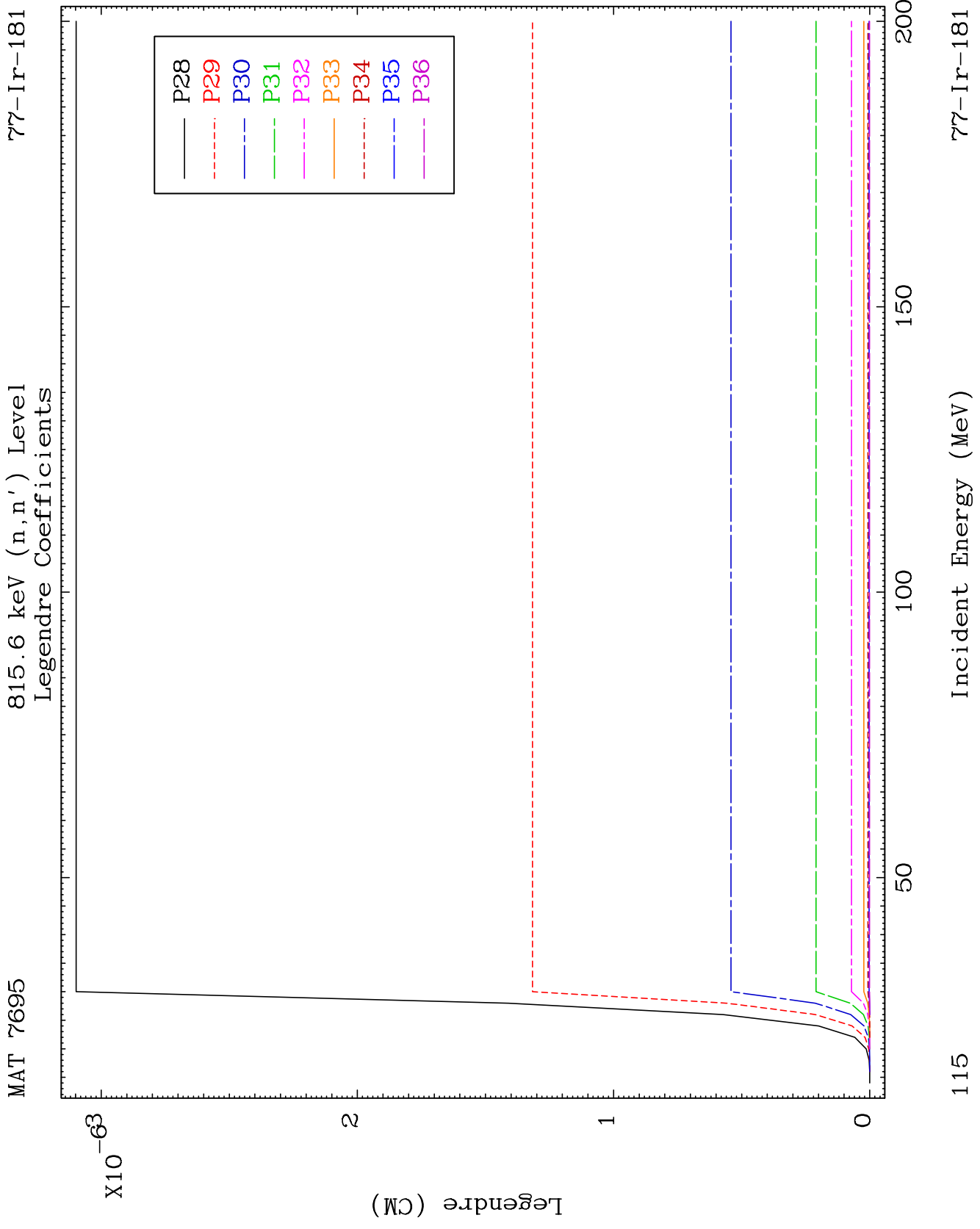
815.6 keV (n,n') Level
Legendre Coefficients

77-Ir-181



114

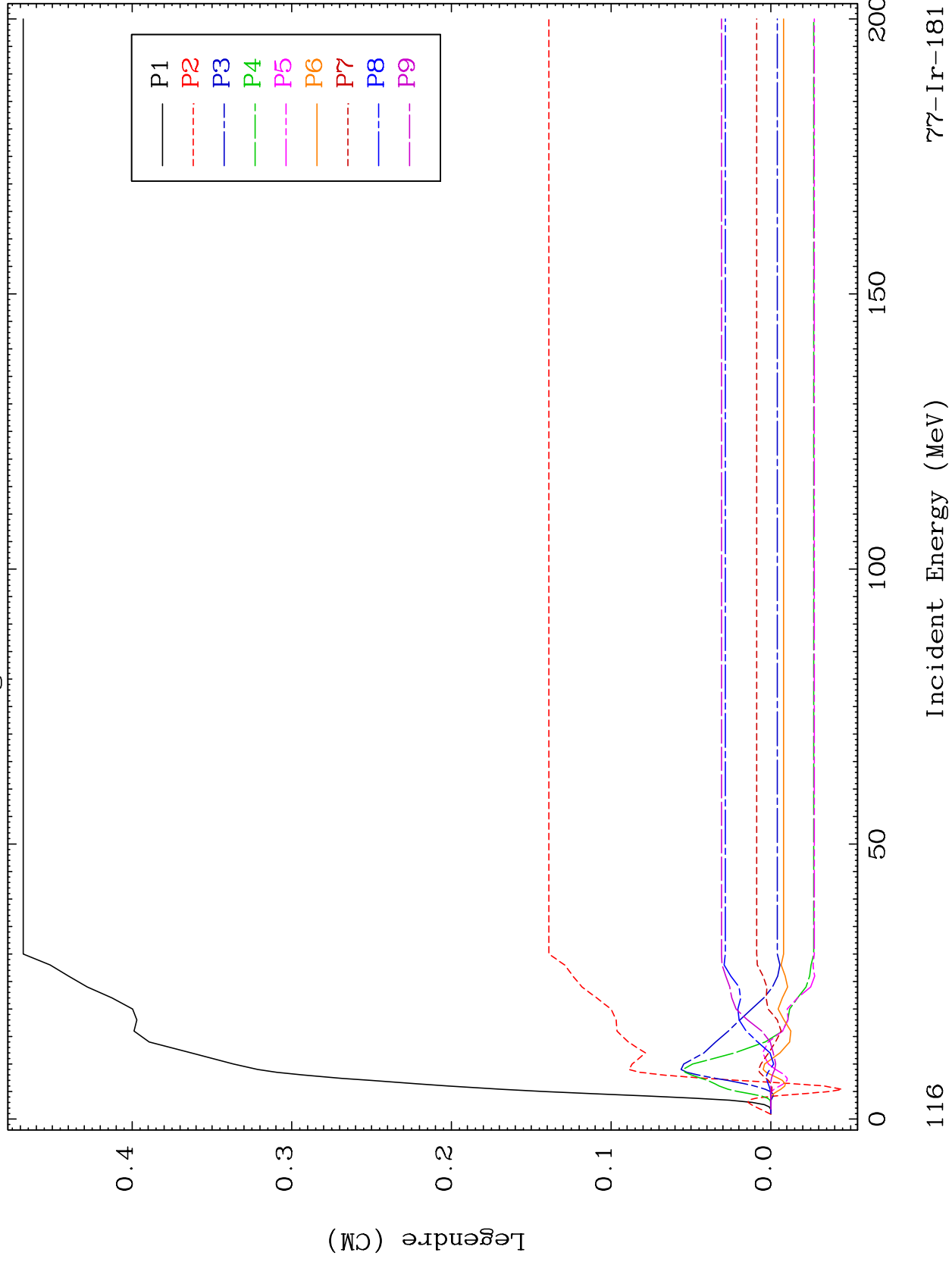
77-Ir-181



MAT 7695

825.8 keV (n,n') Level
Legendre Coefficients

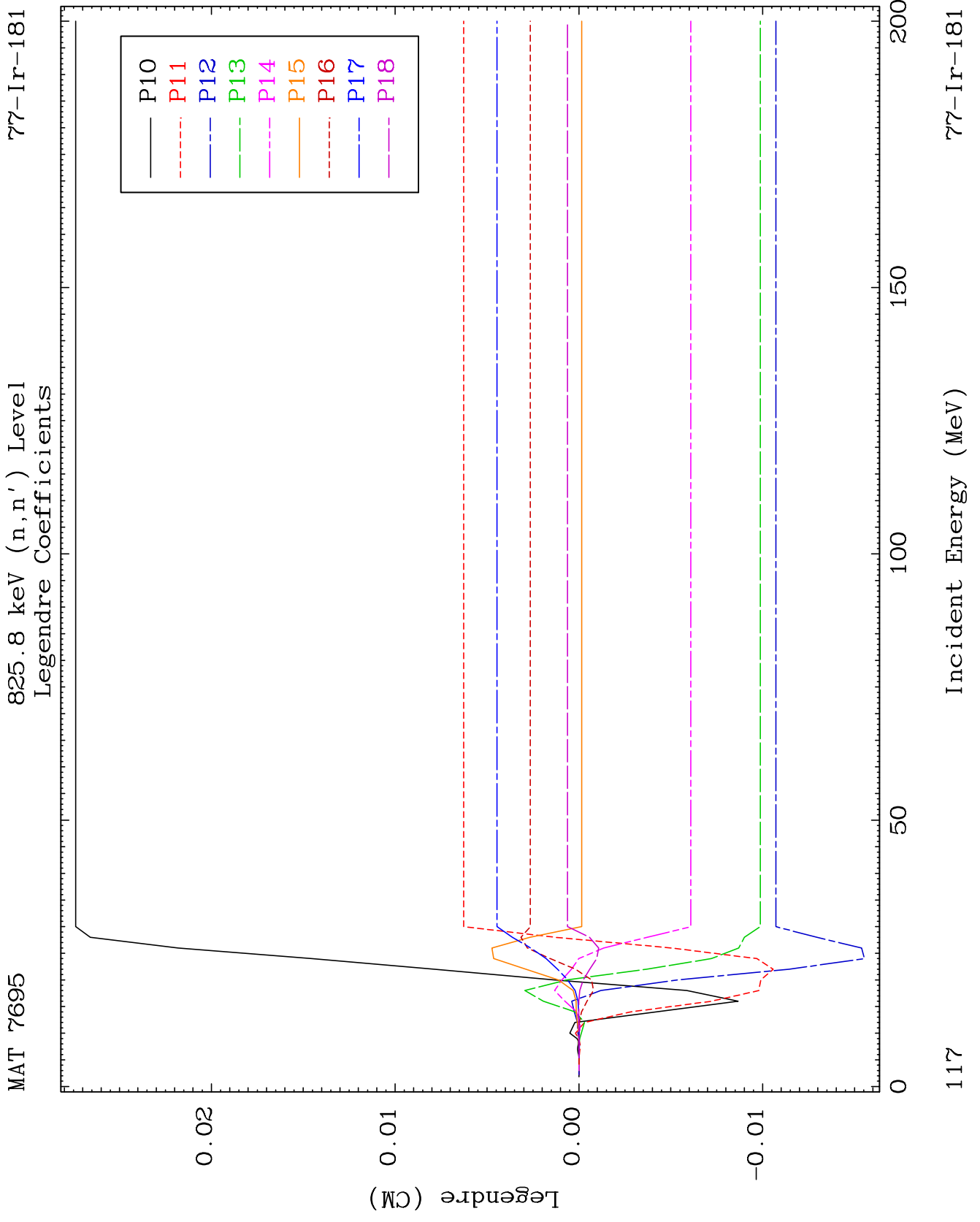
⁷⁷Ir-181



⁷⁷Ir-181

Incident Energy (MeV)

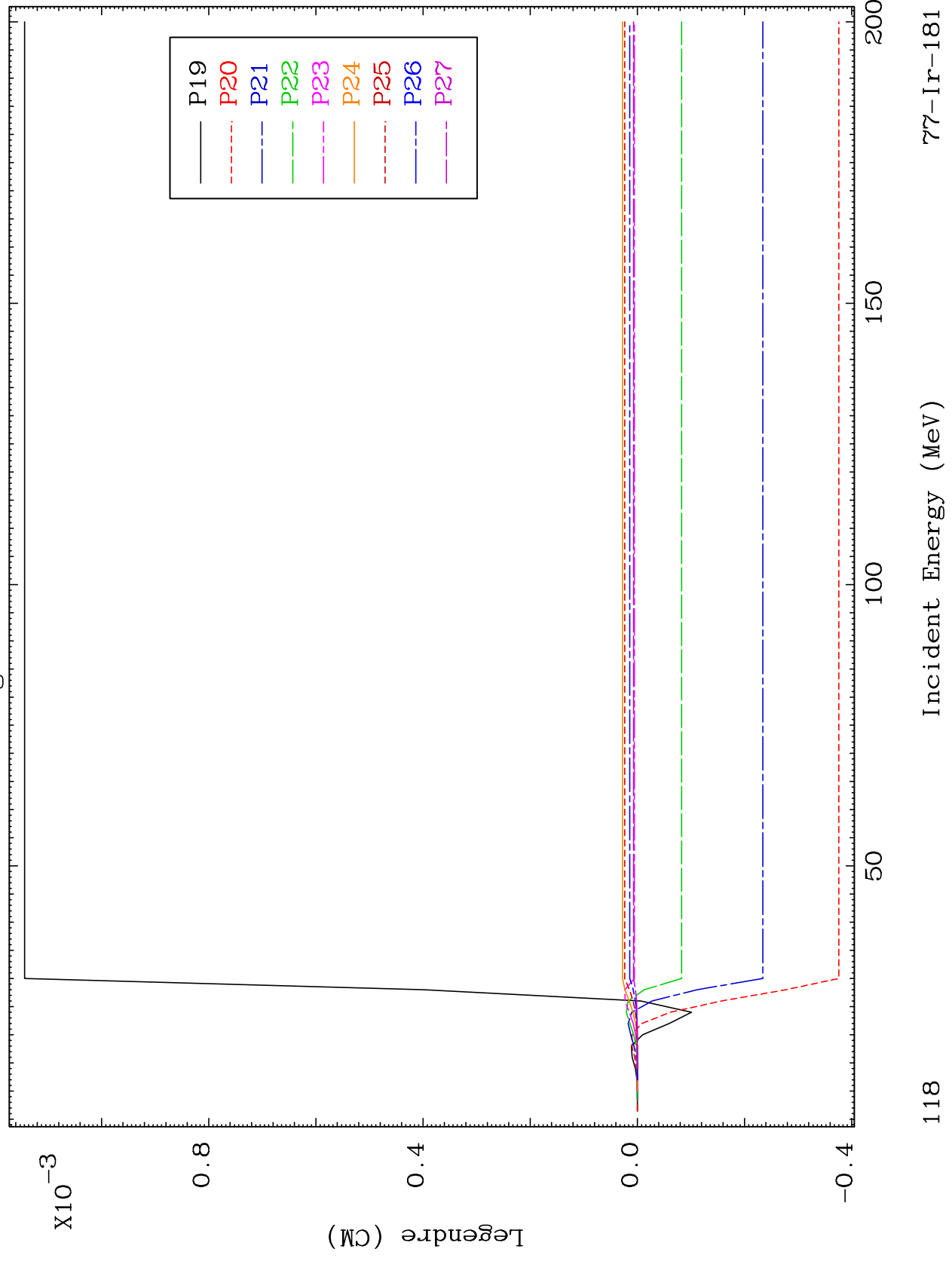
116



MAT 7695

825.8 keV (n,n') Level
Legendre Coefficients

77-Ir-181



118

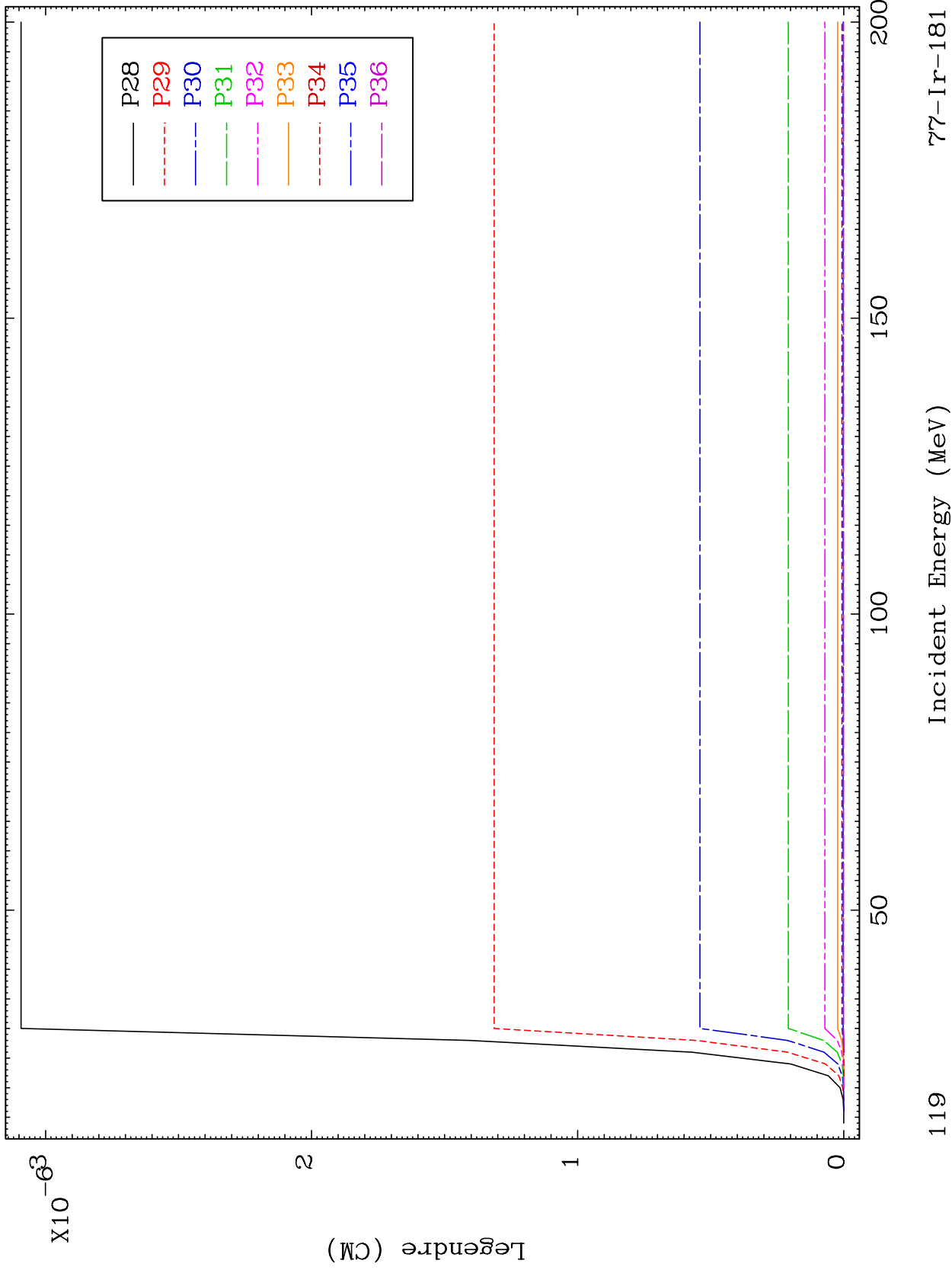
Incident Energy (MeV)

77-Ir-181

MAT 7695

825.8 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



119

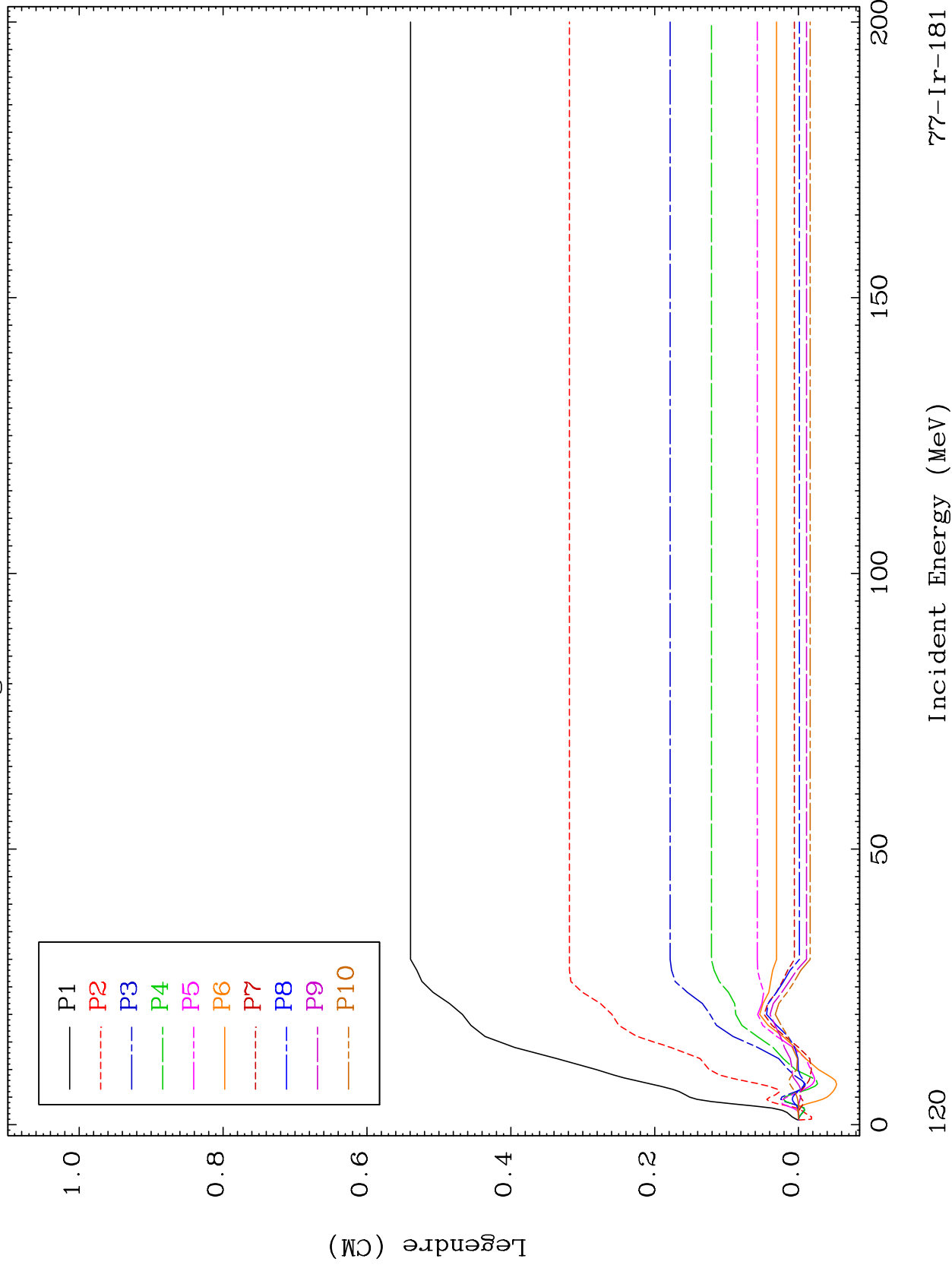
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

829.6 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



⁷⁷Ir-181

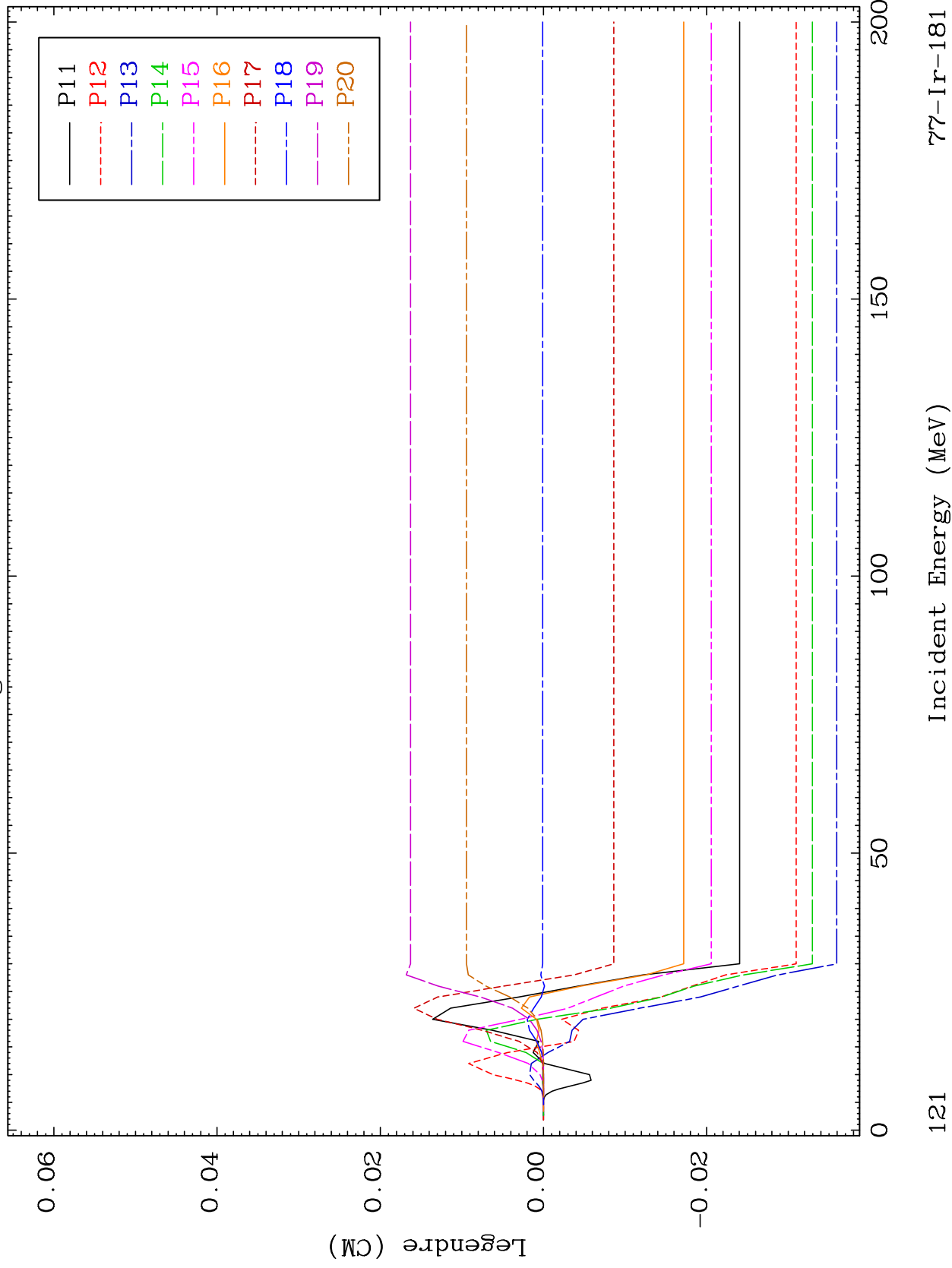
Incident Energy (MeV)

Legendre (CM)

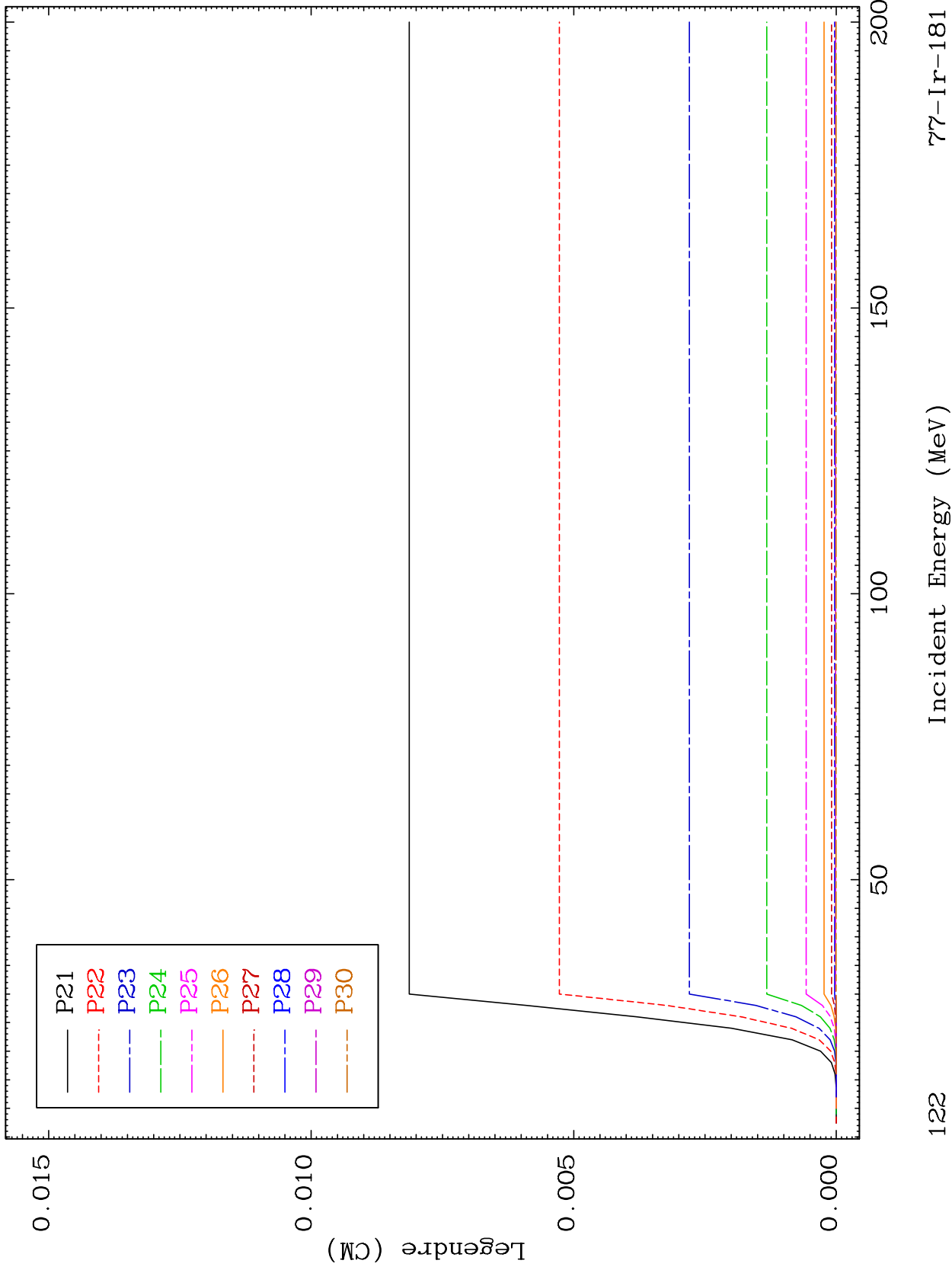
MAT 7695

829.6 keV (n,n') Level
Legendre Coefficients

77-Ir-181



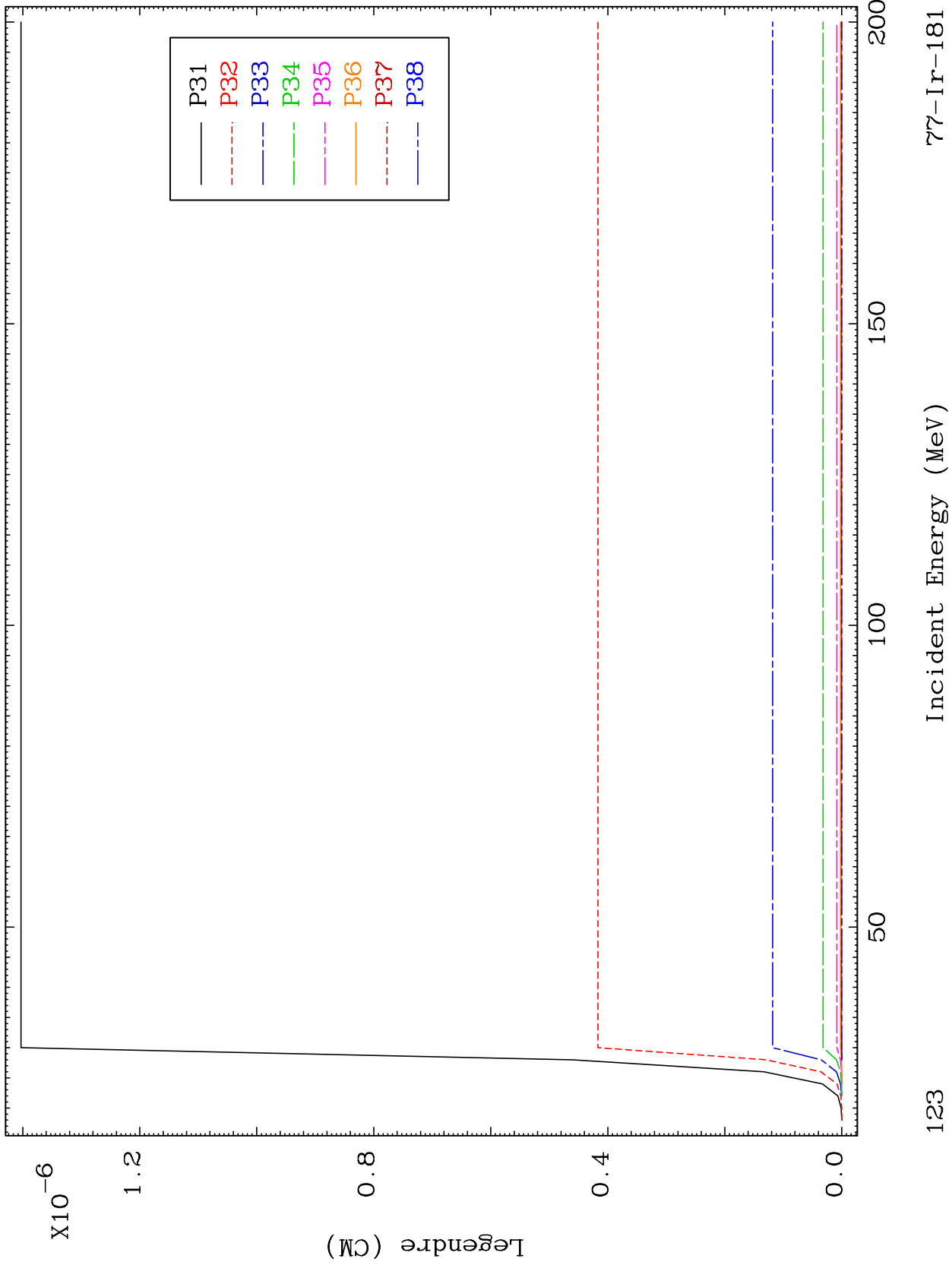
121



MAT 7695

829.6 keV (n,n') Level
Legendre Coefficients

77-Ir-181

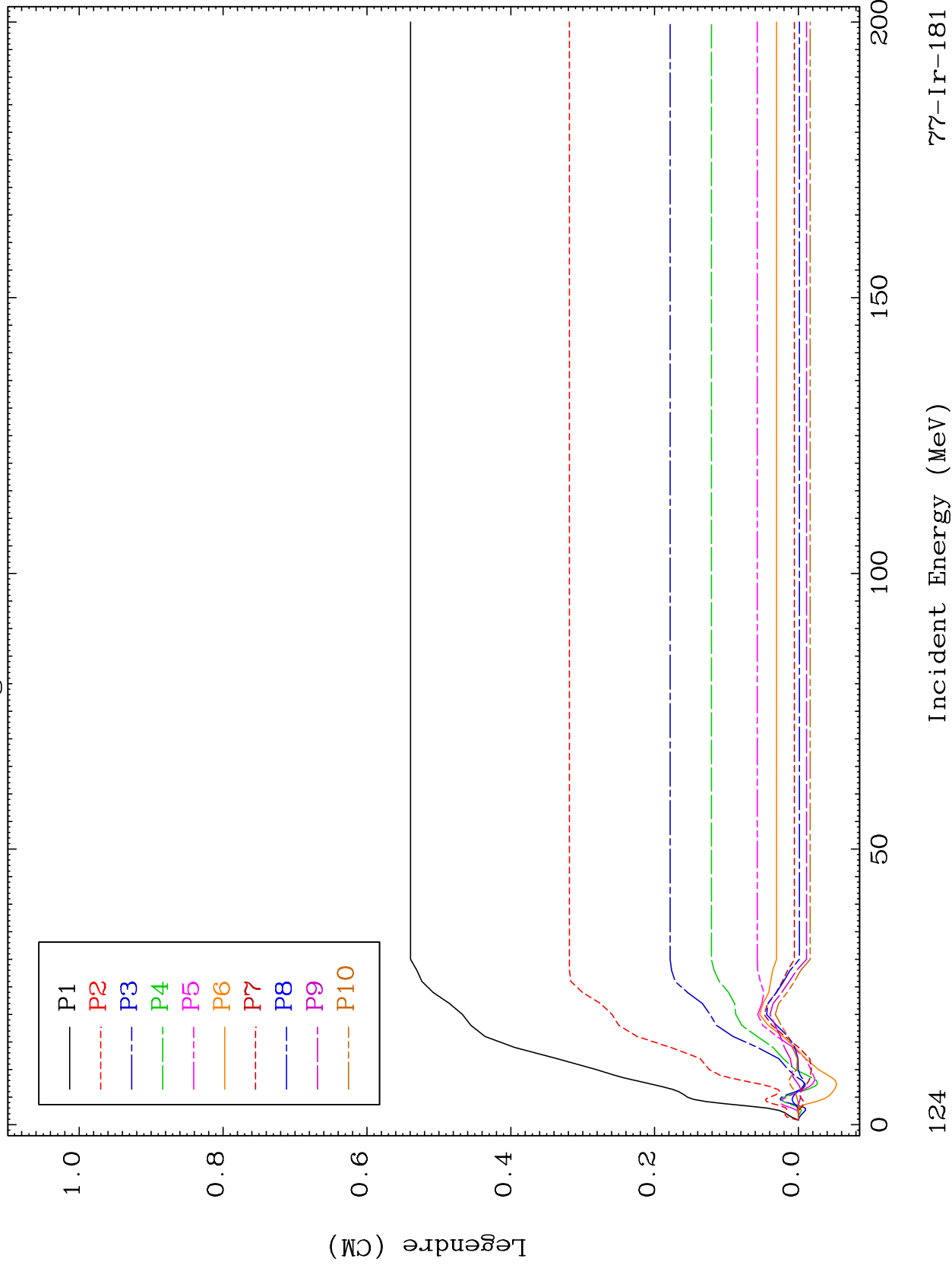


123

MAT 7695

832.1 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-181

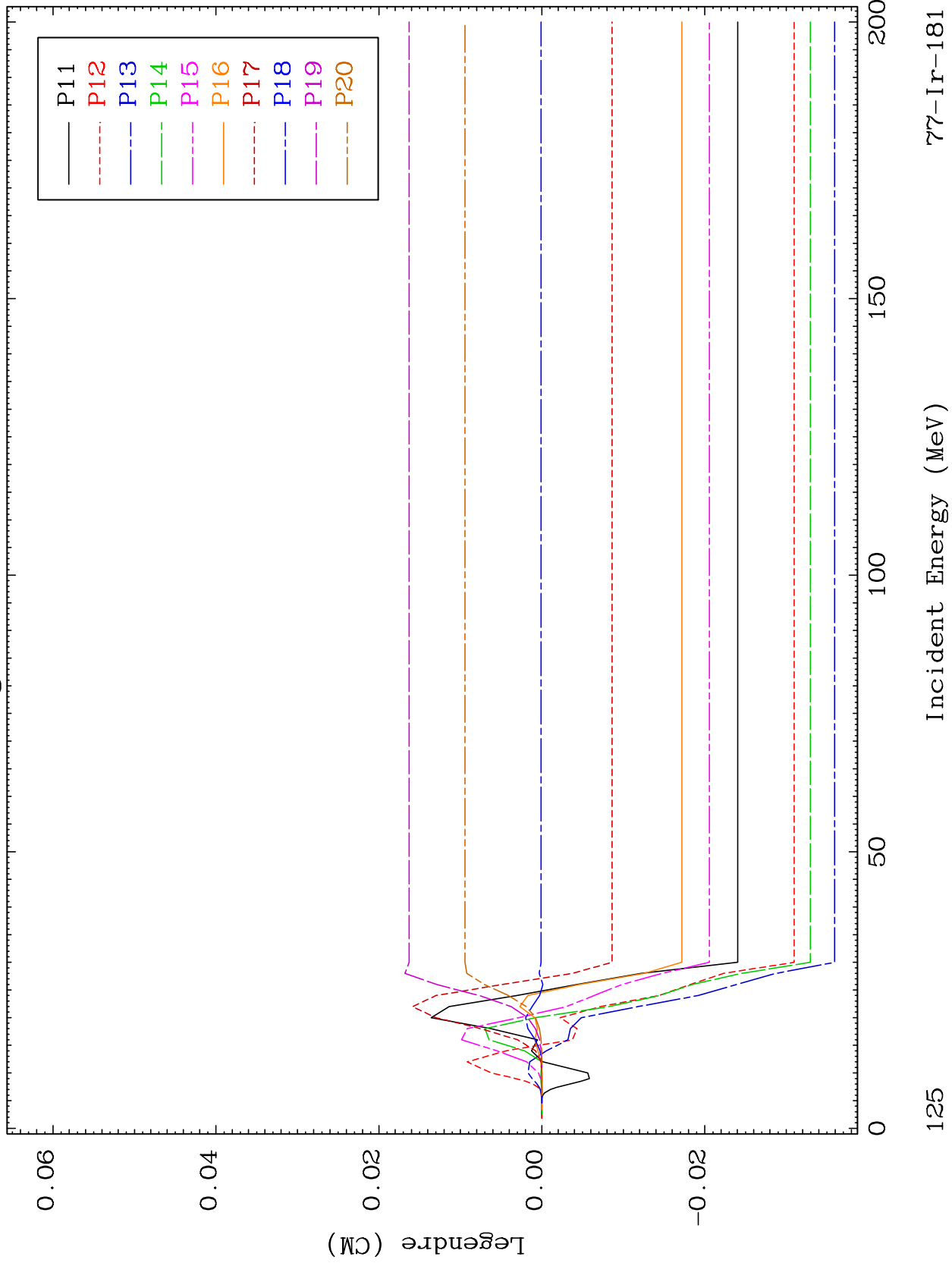


124

MAT 7695

832.1 keV (n,n') Level
Legendre Coefficients

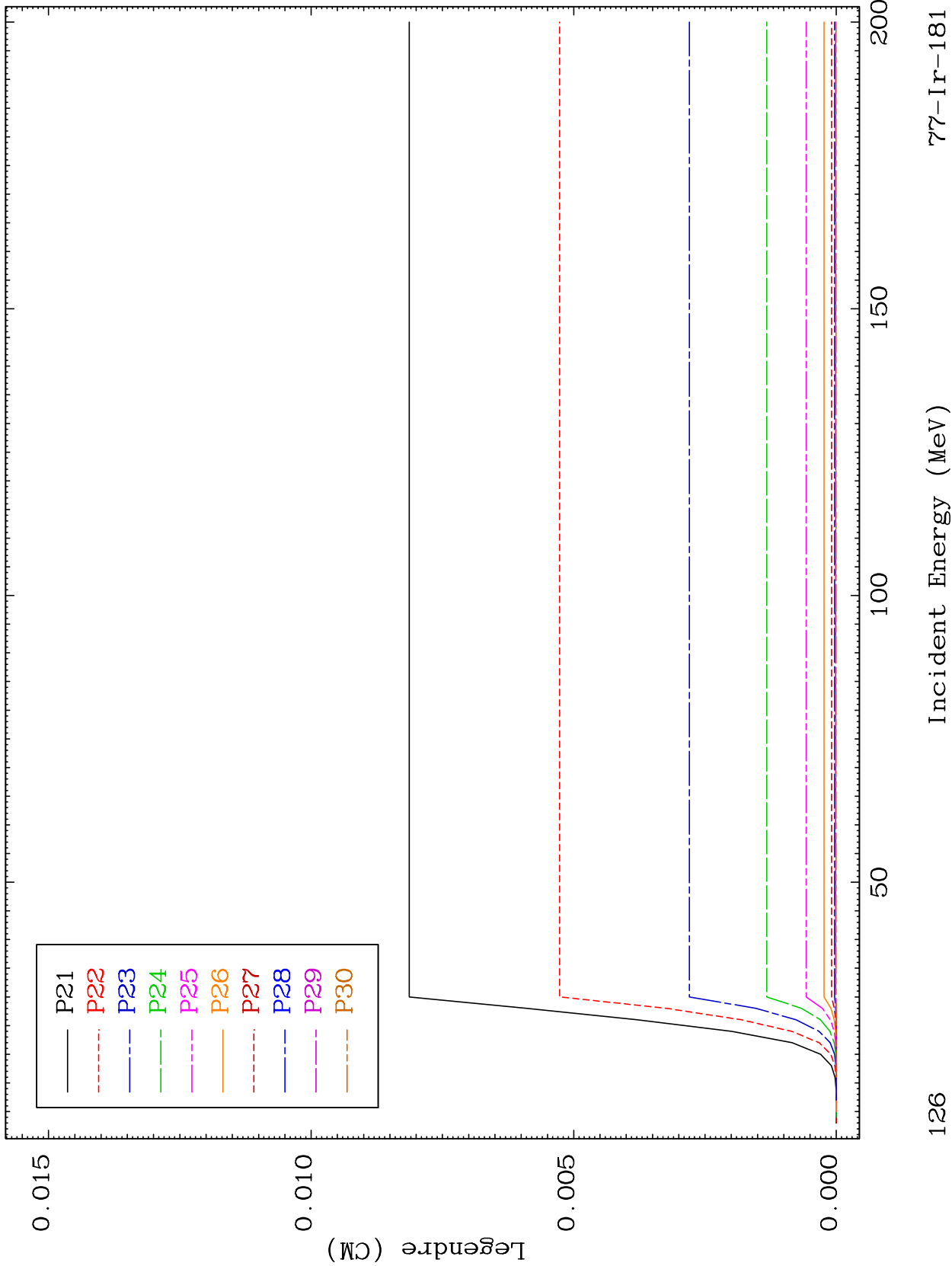
77-Ir-181



77-Ir-181

Incident Energy (MeV)

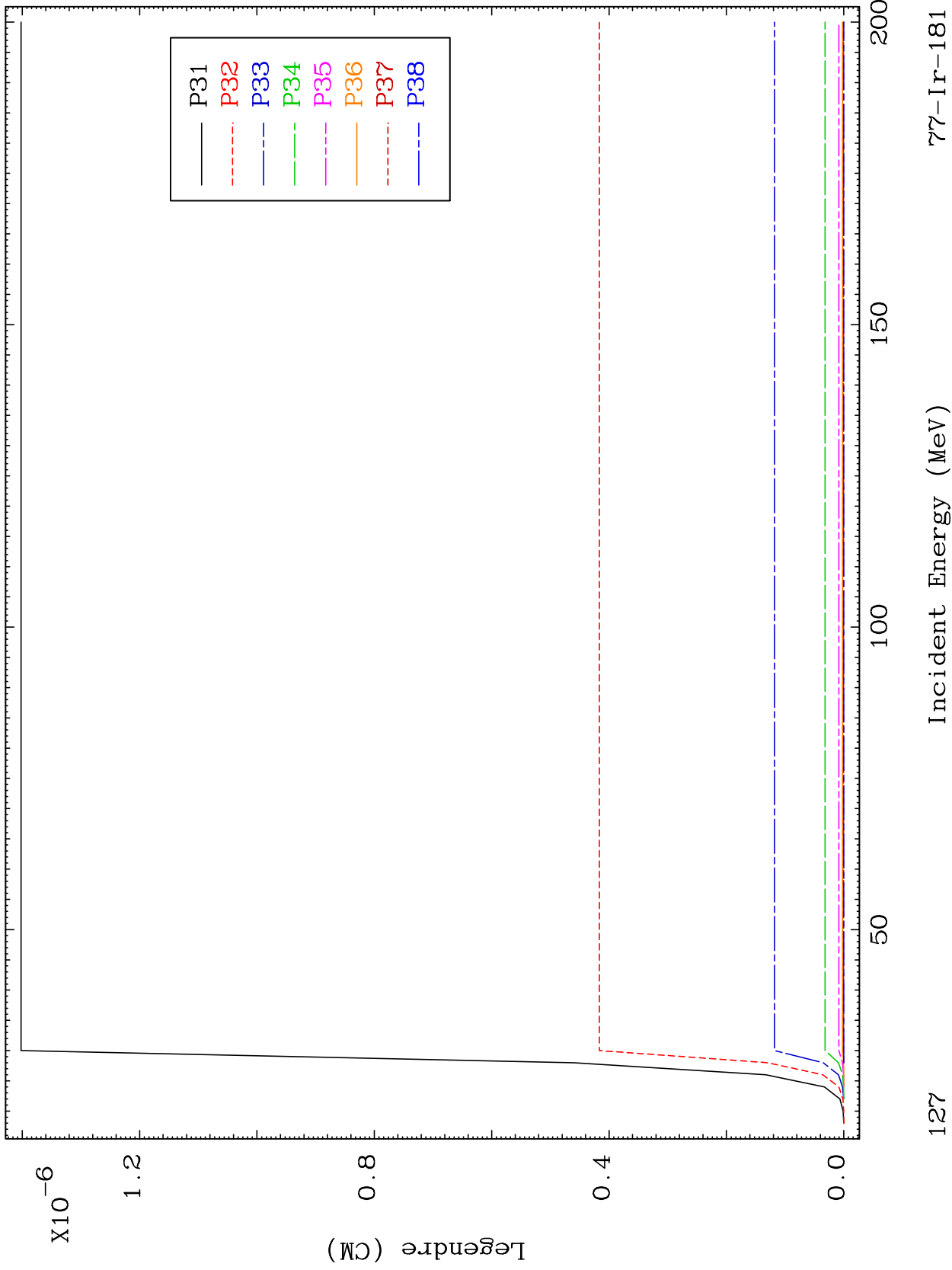
125



MAT 7695

832.1 keV (n,n') Level
Legendre Coefficients

77-Ir-181

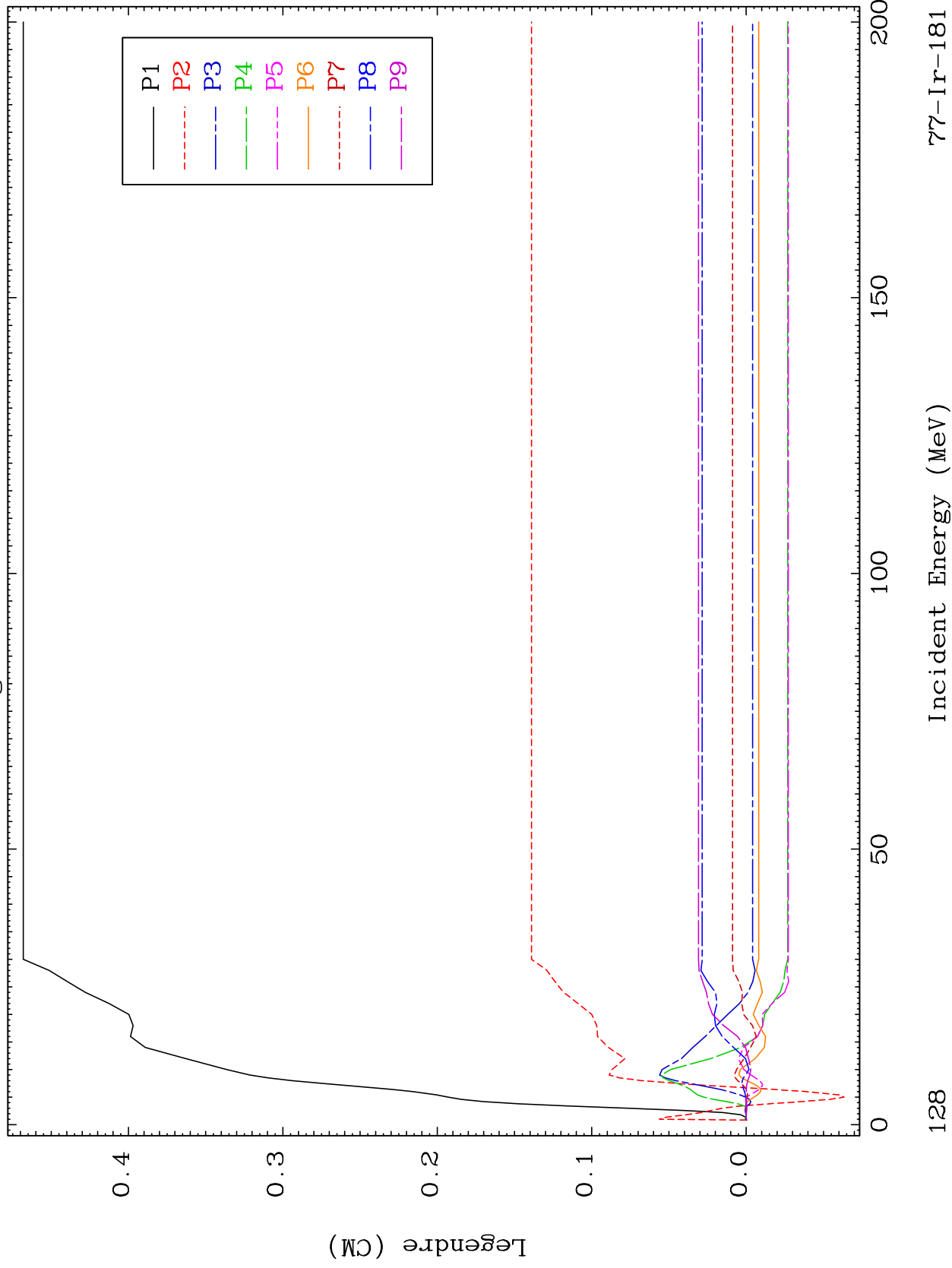


127

MAT 7695

838.0 keV (n,n') Level
Legendre Coefficients

77-Ir-181

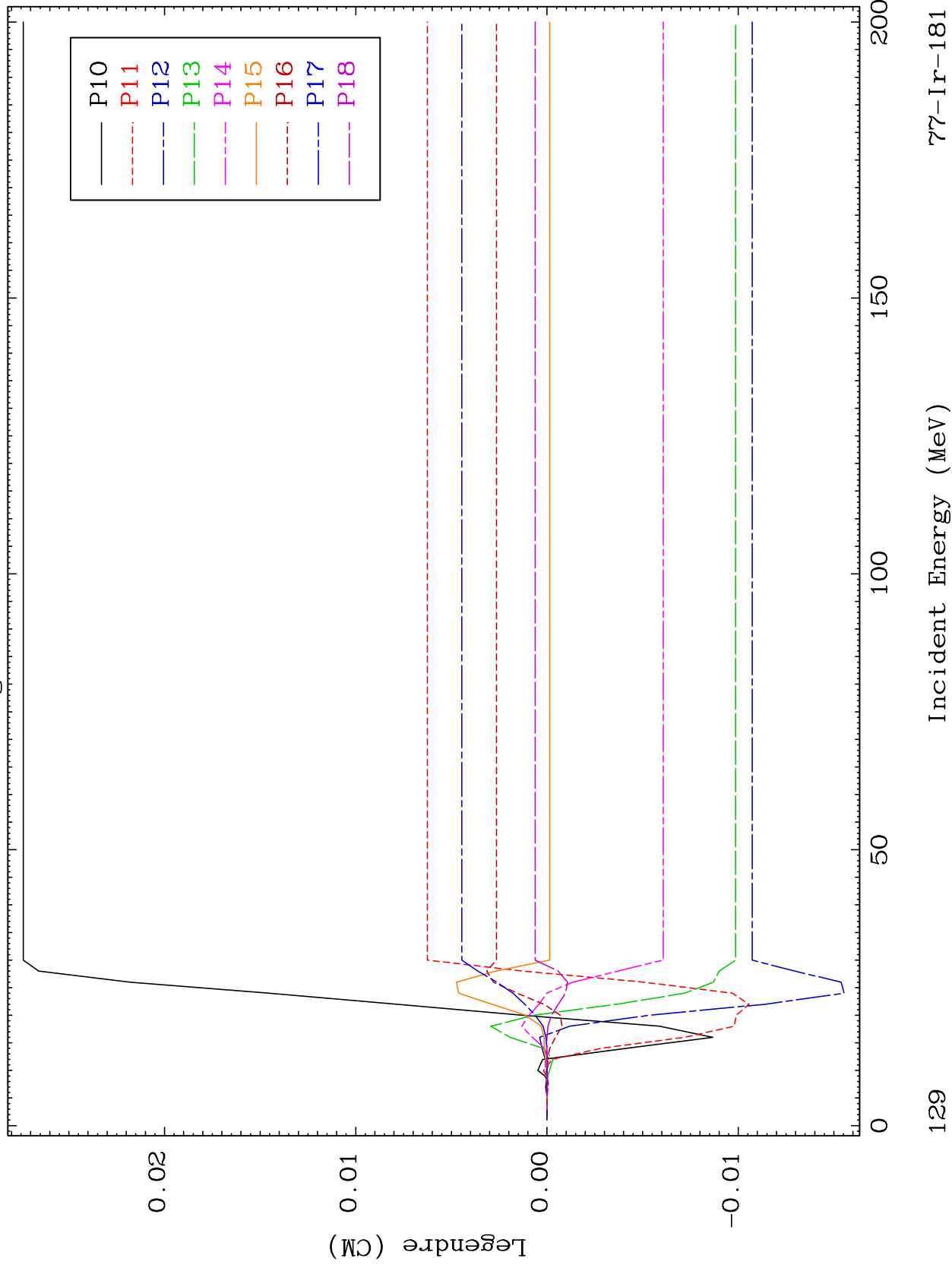


128

MAT 7695

838.0 keV (n,n') Level
Legendre Coefficients

77-Ir-181



129

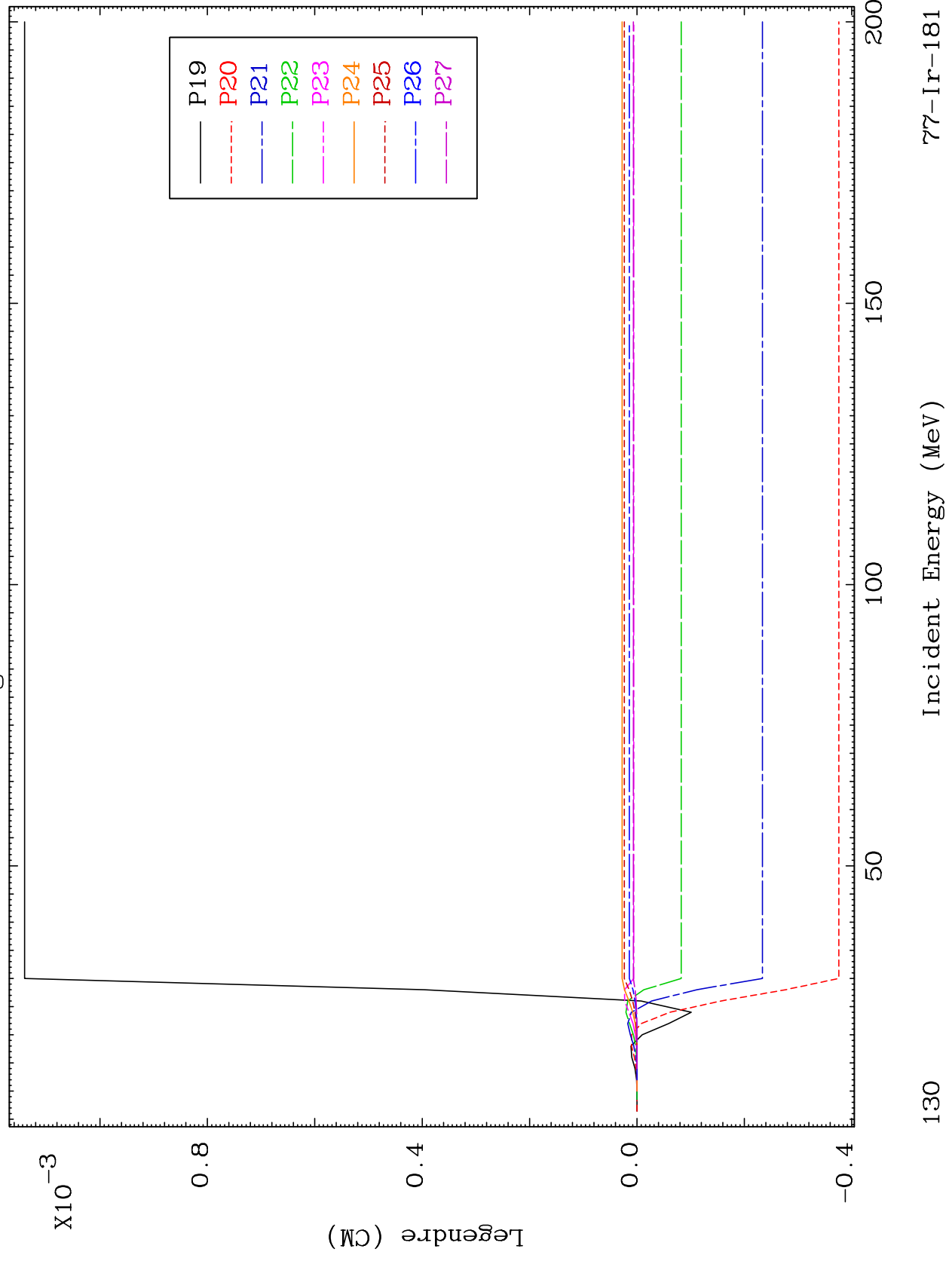
Incident Energy (MeV)

77-Ir-181

MAT 7695

838.0 keV (n,n') Level
Legendre Coefficients

77-Ir-181



77-Ir-181

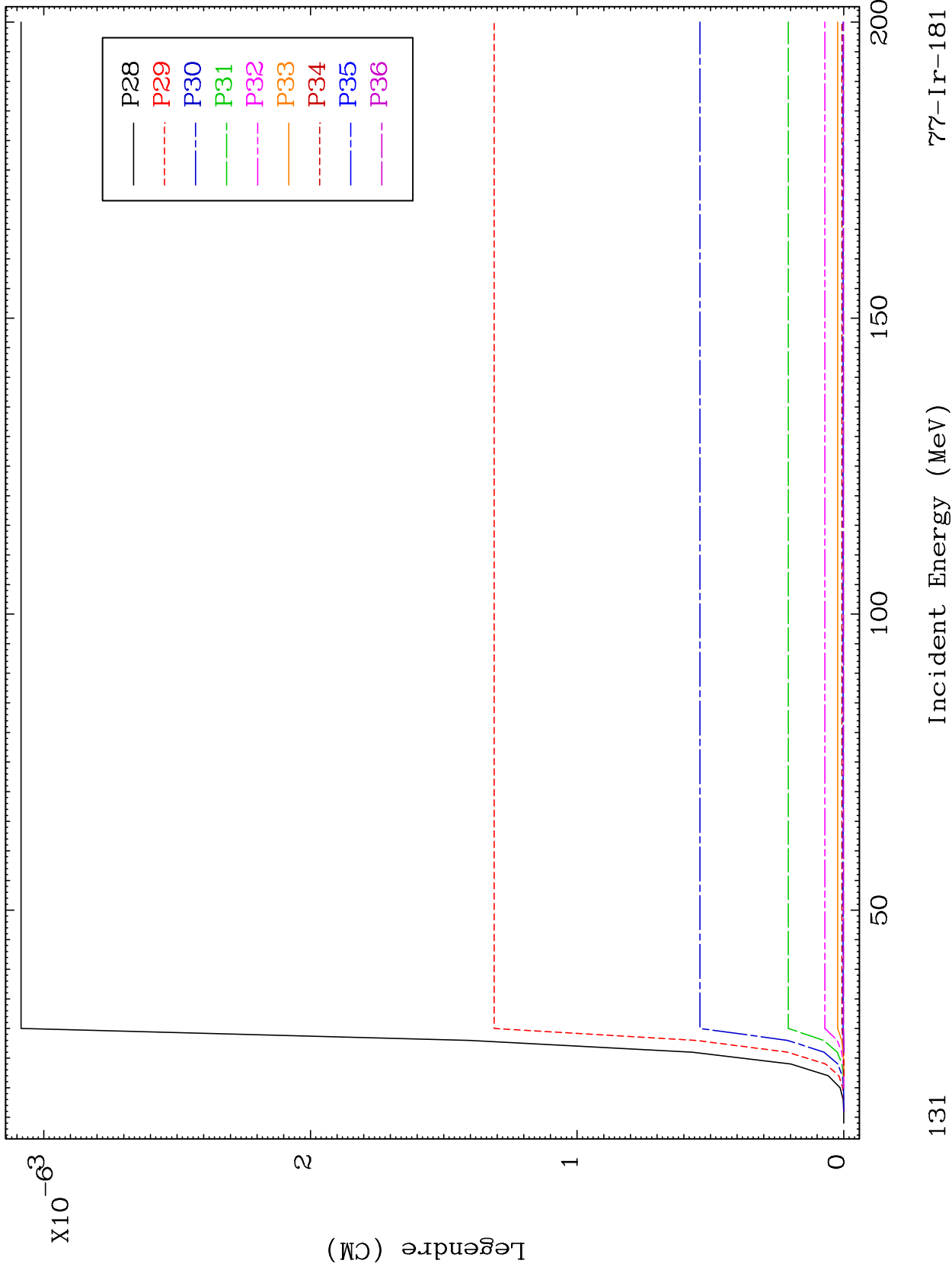
Incident Energy (MeV)

130

MAT 7695

838.0 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



131

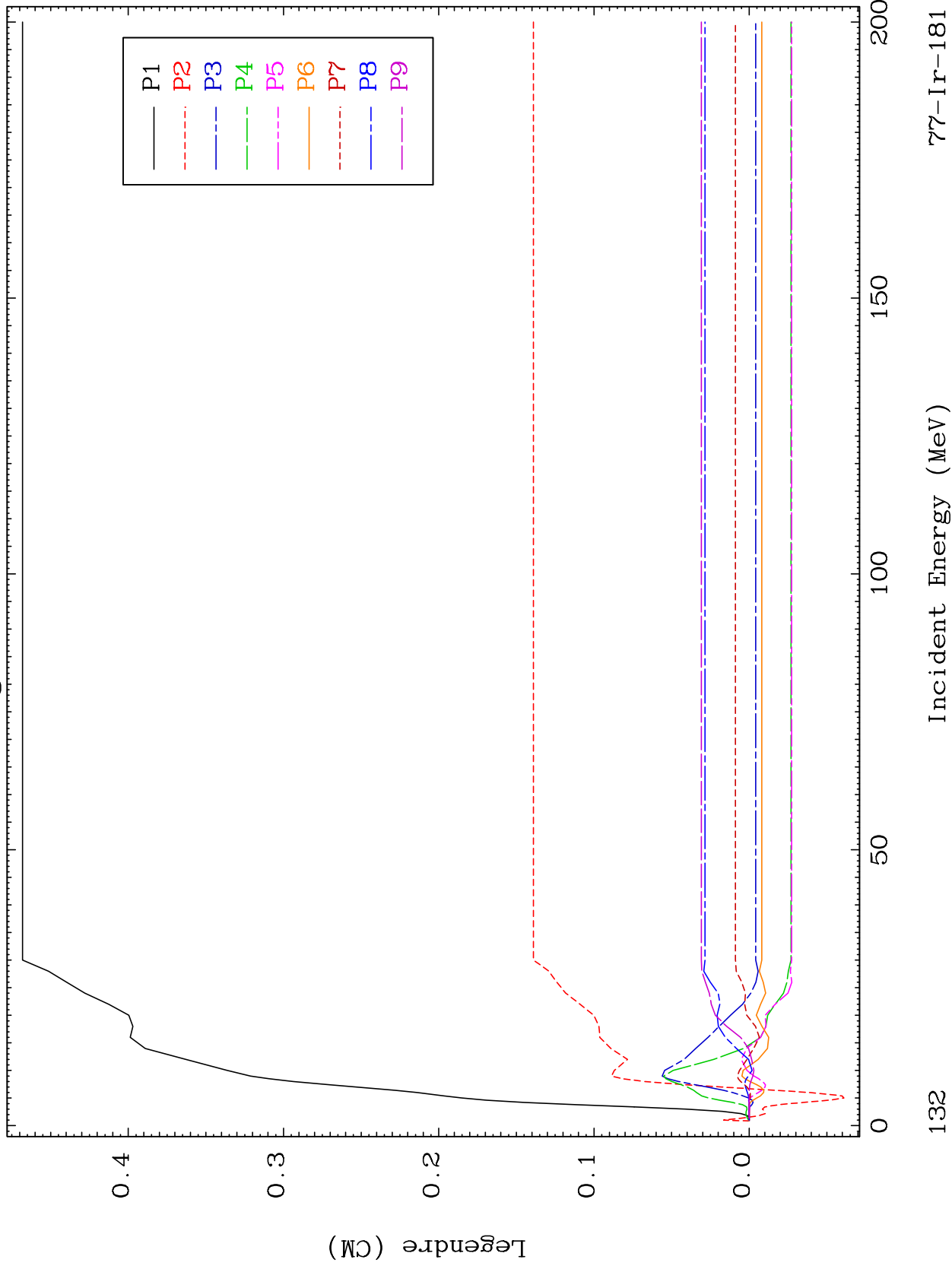
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

844.7 keV (n,n') Level
Legendre Coefficients

77-Ir-181

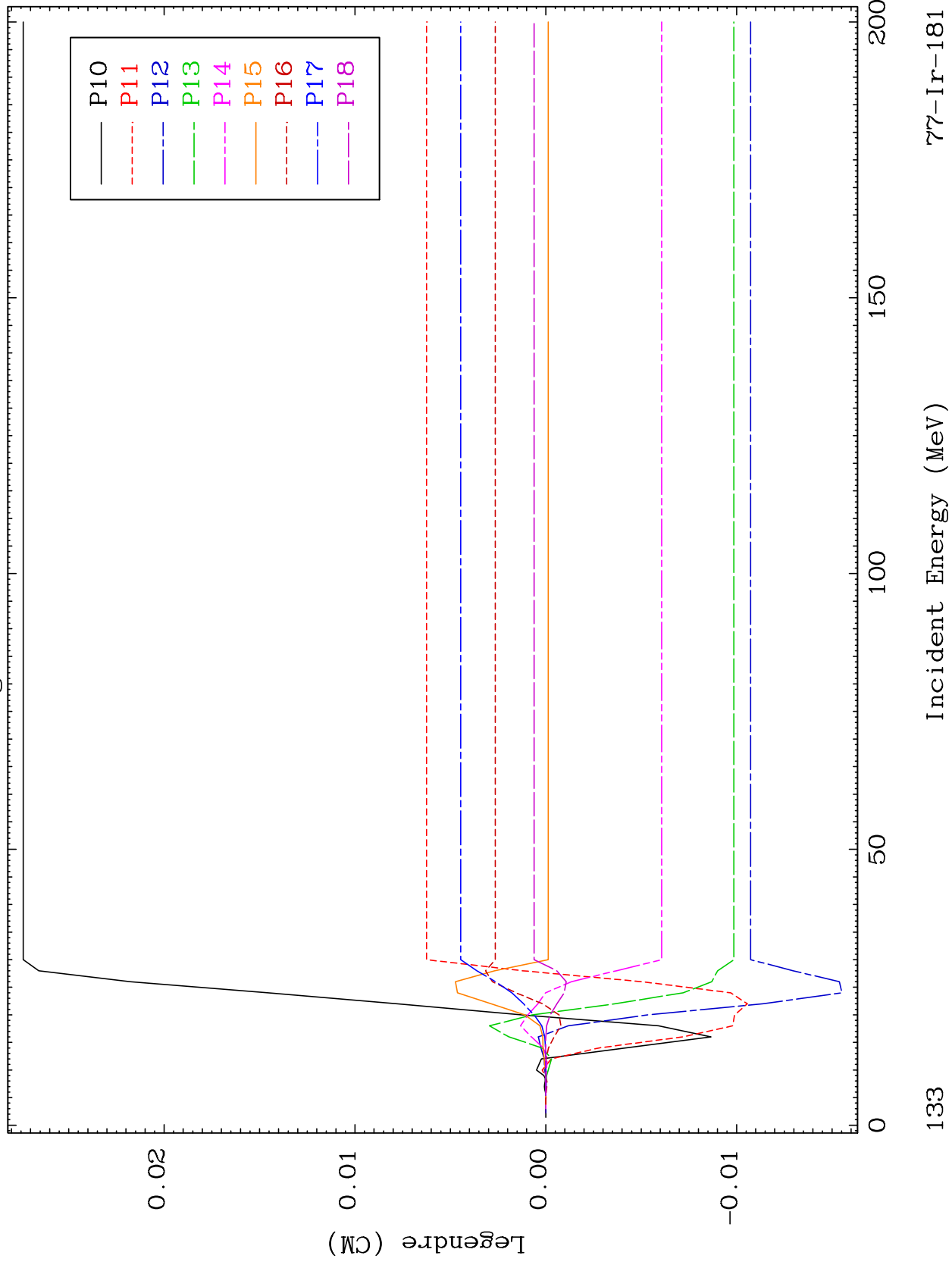


132

MAT 7695

844.7 keV (n,n') Level
Legendre Coefficients

77-Ir-181



133

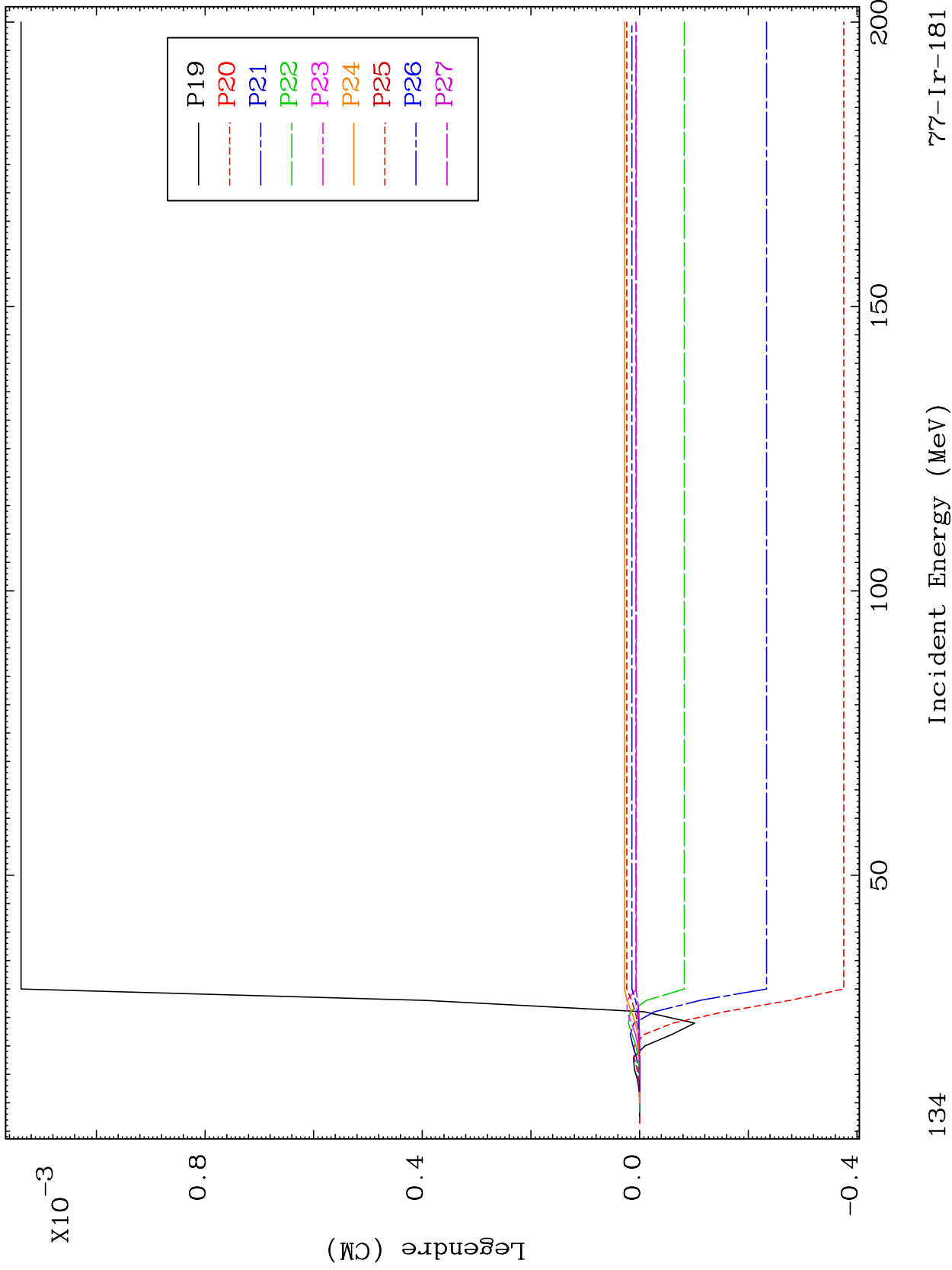
Incident Energy (MeV)

77-Ir-181

MAT 7695

844.7 keV (n, n') Level
Legendre Coefficients

77-Ir-181



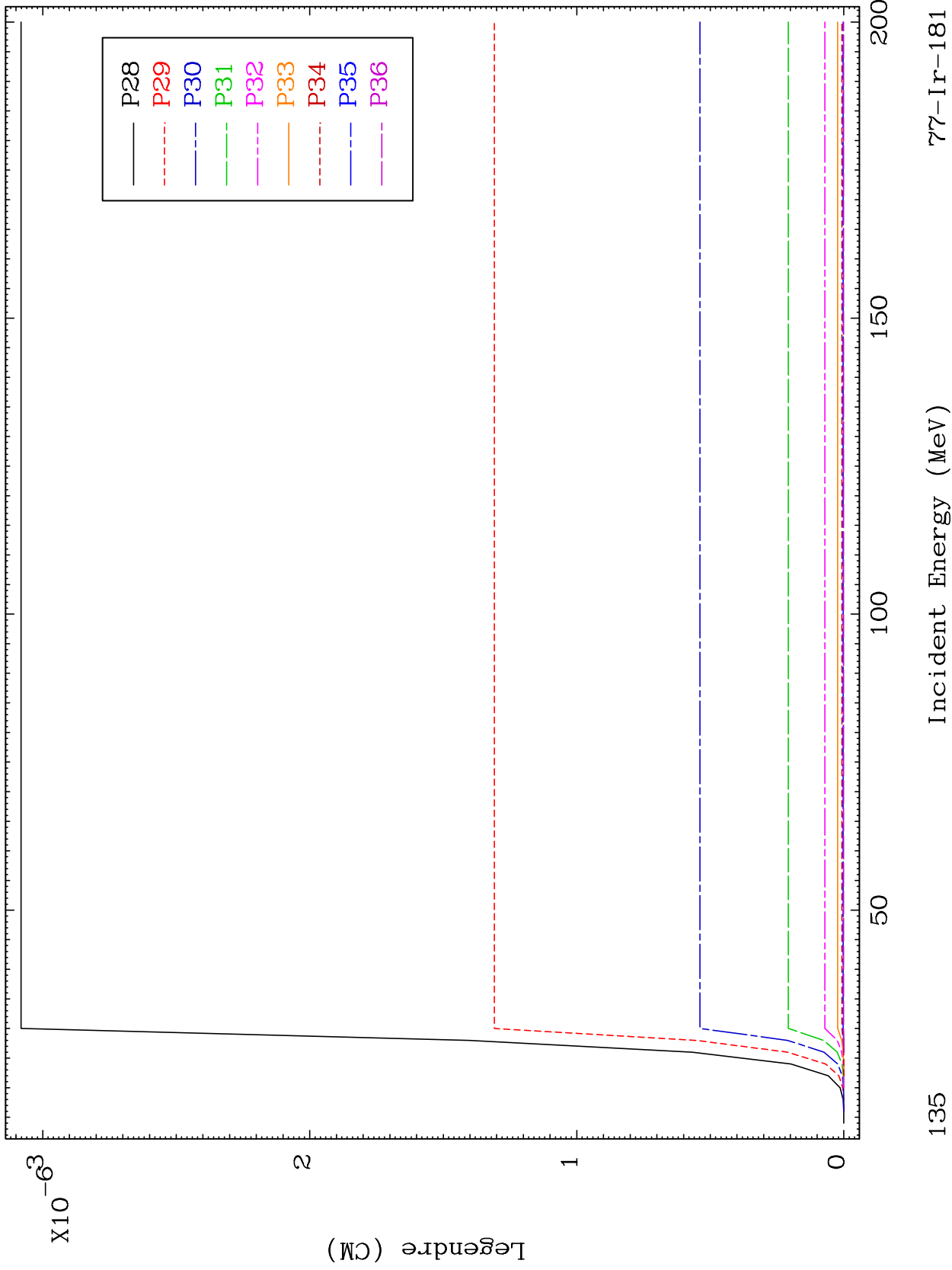
134

77-Ir-181

MAT 7695

844.7 keV (n,n') Level
Legendre Coefficients

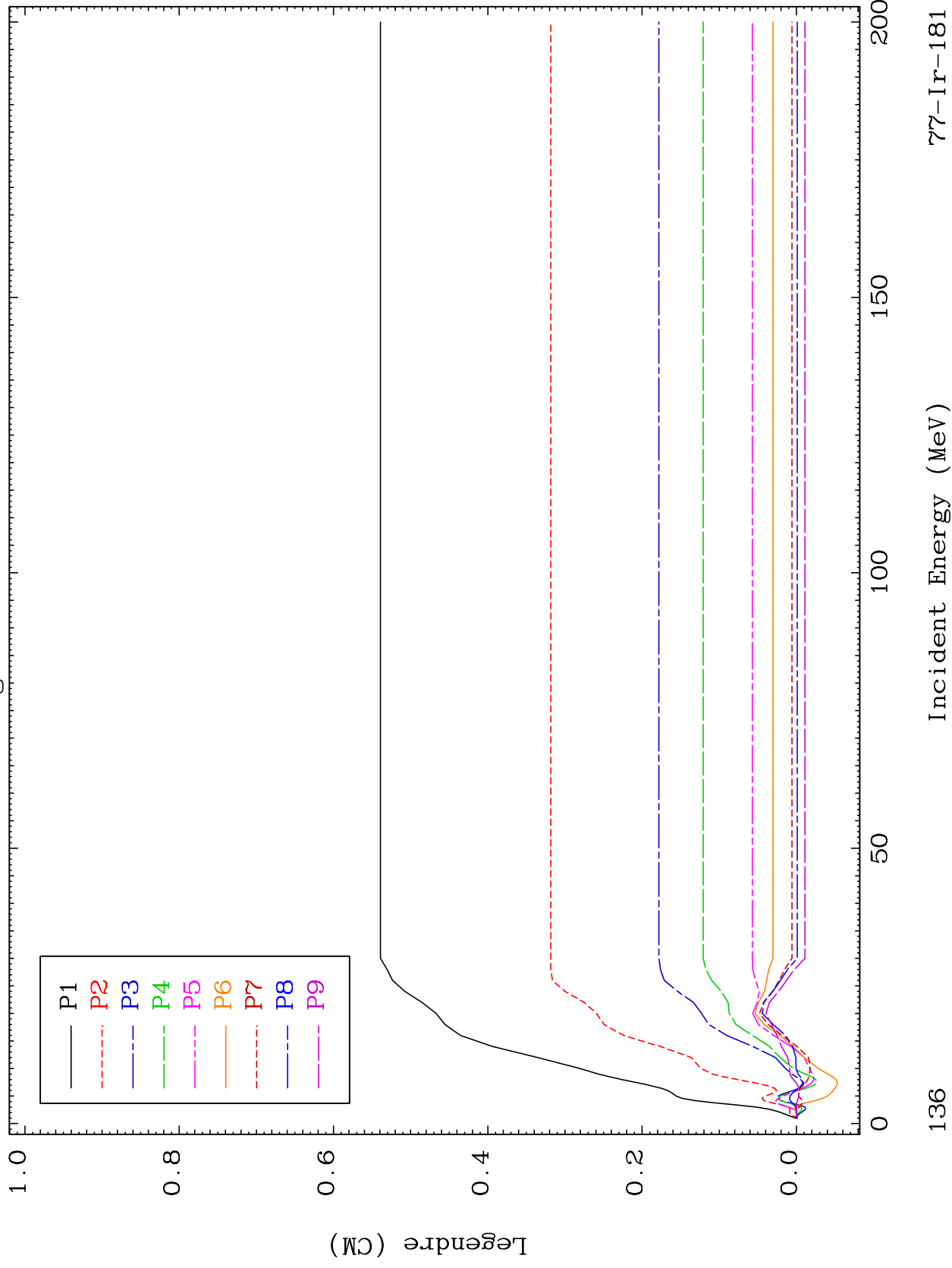
⁷⁷Ir-181



MAT 7695

881.3 keV (n,n') Level
Legendre Coefficients

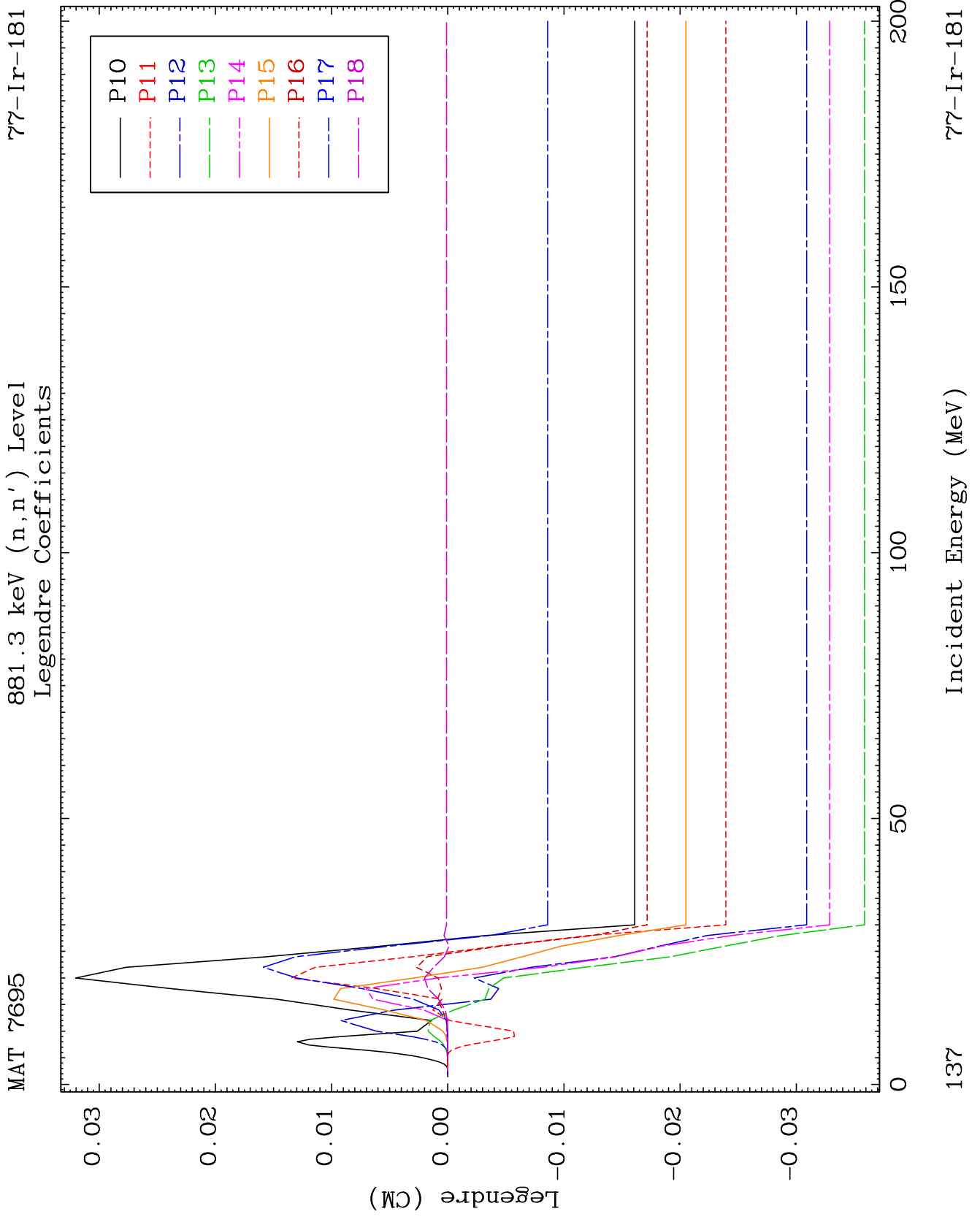
⁷⁷Ir-181

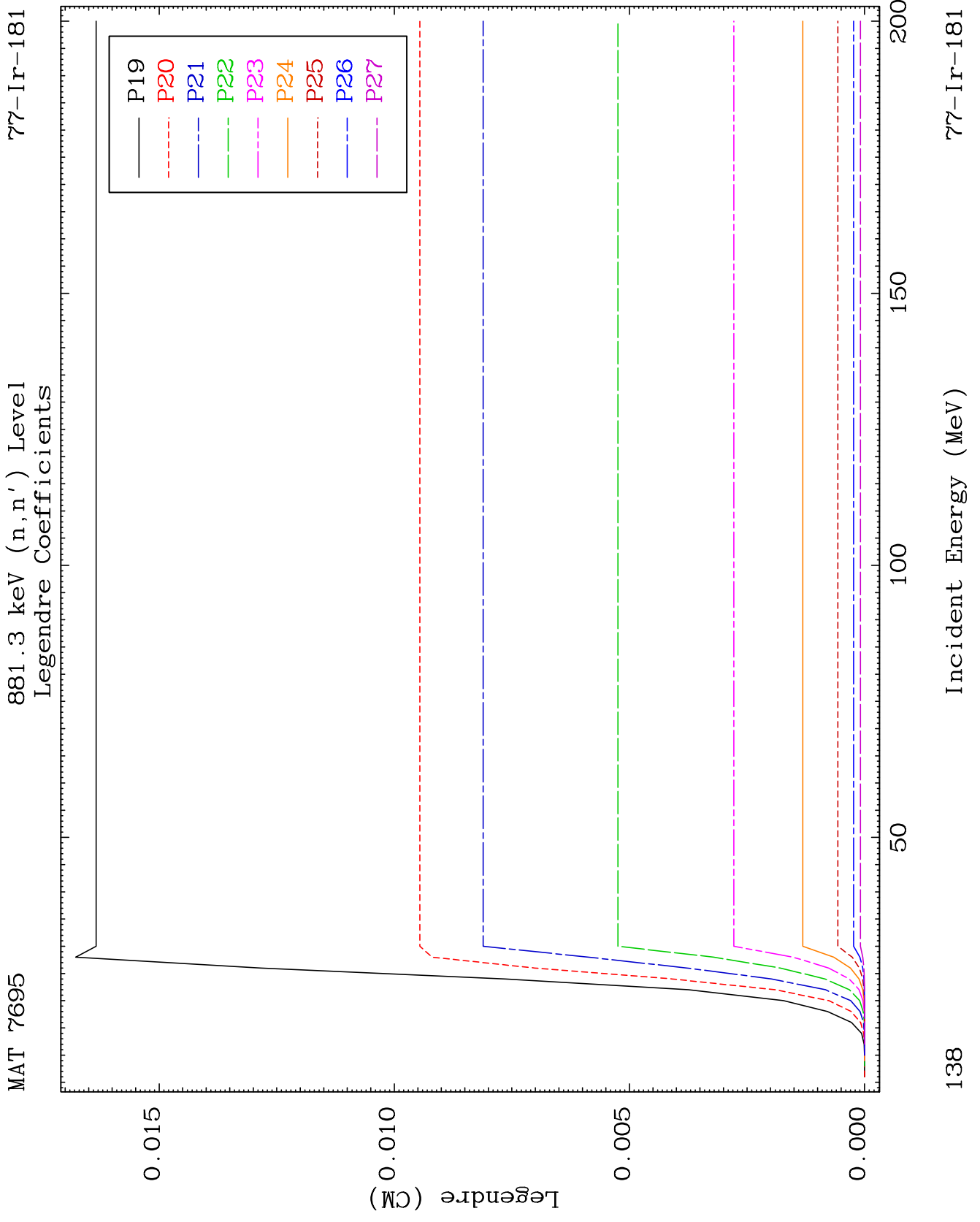


⁷⁷Ir-181

Incident Energy (MeV)

136

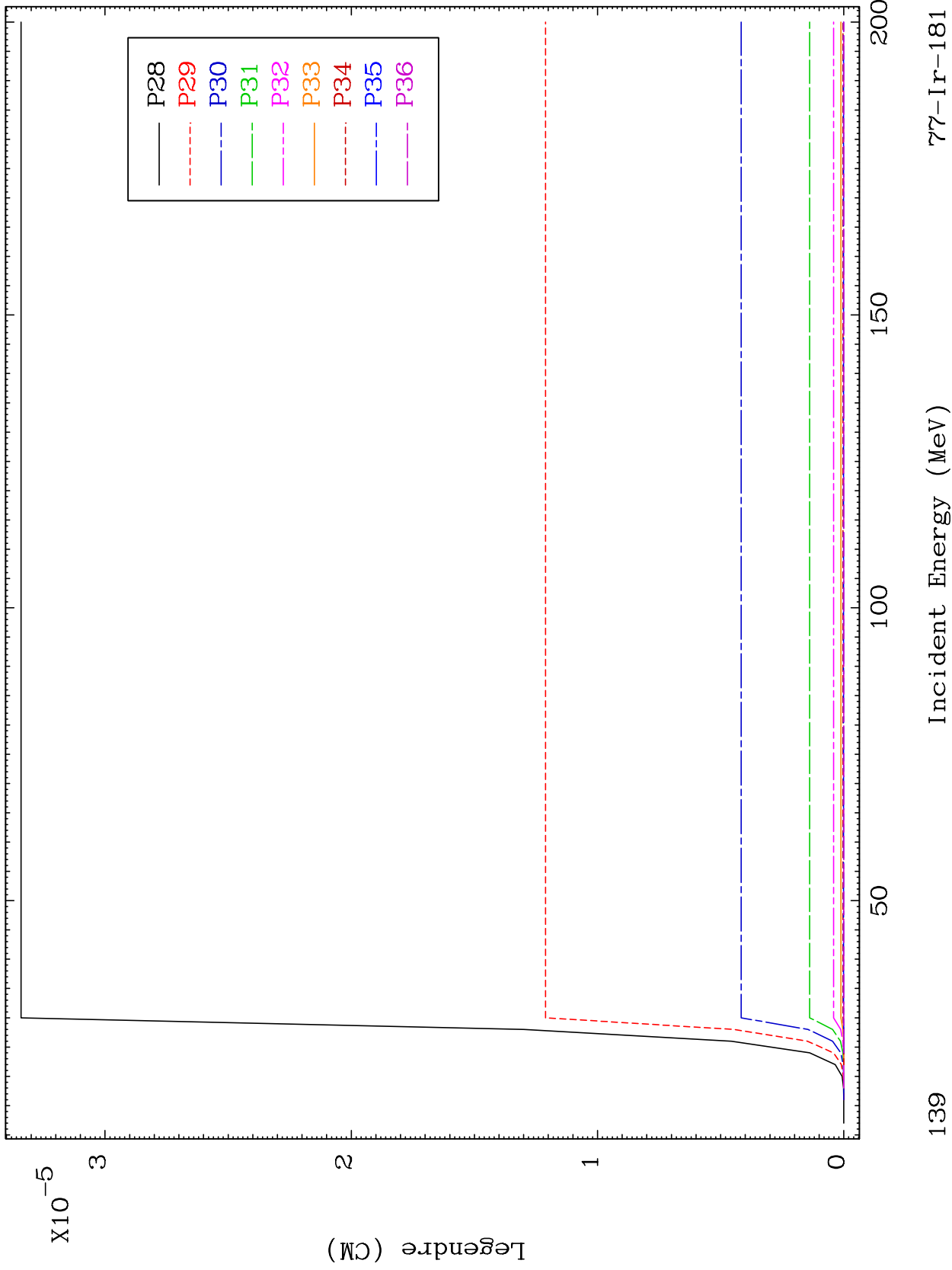




MAT 7695

881.3 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



139

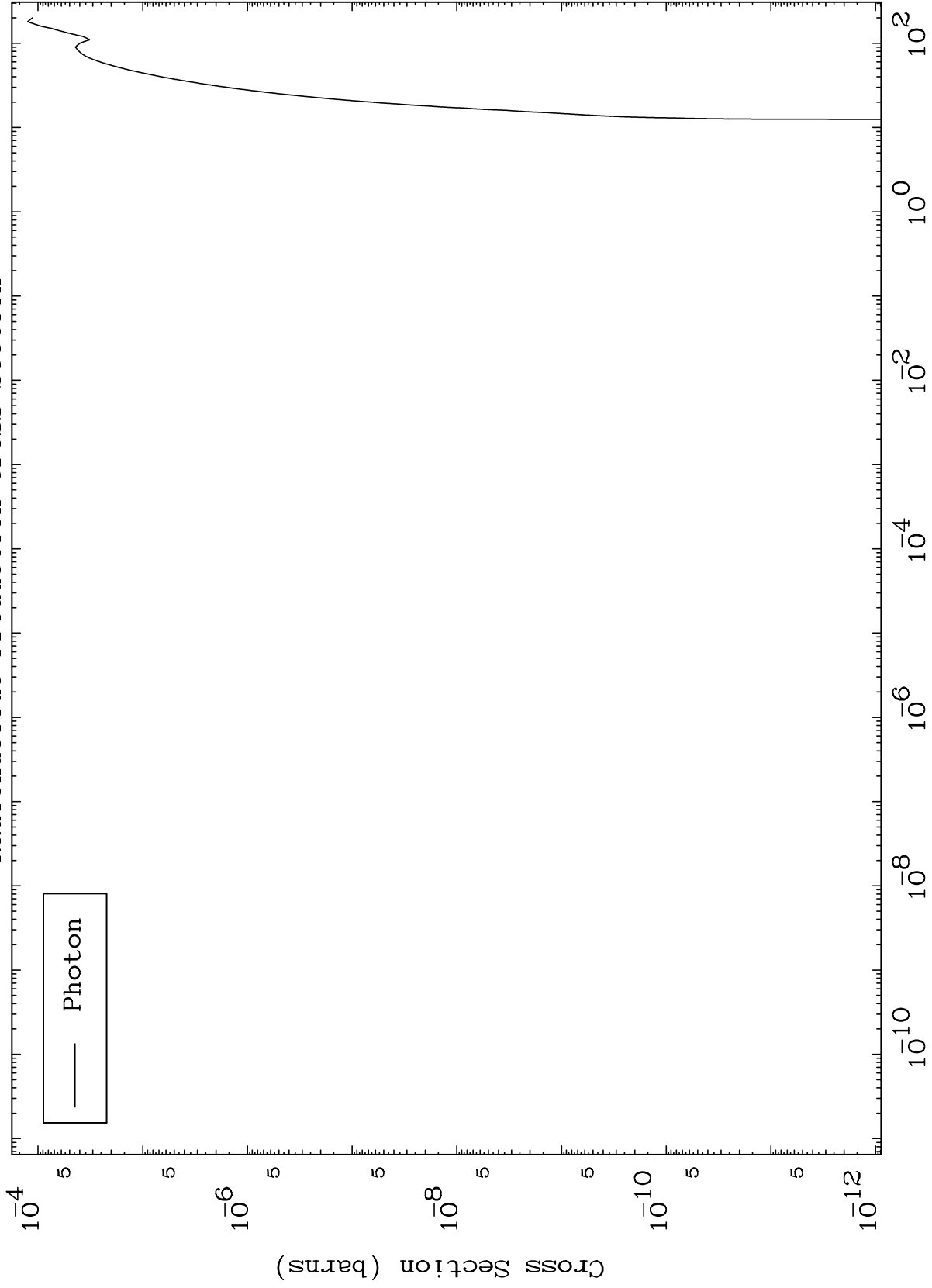
⁷⁷Ir-181

MAT 7695

Fission

⁷⁷Ir-181

Radionuclide Production Cross Section



140

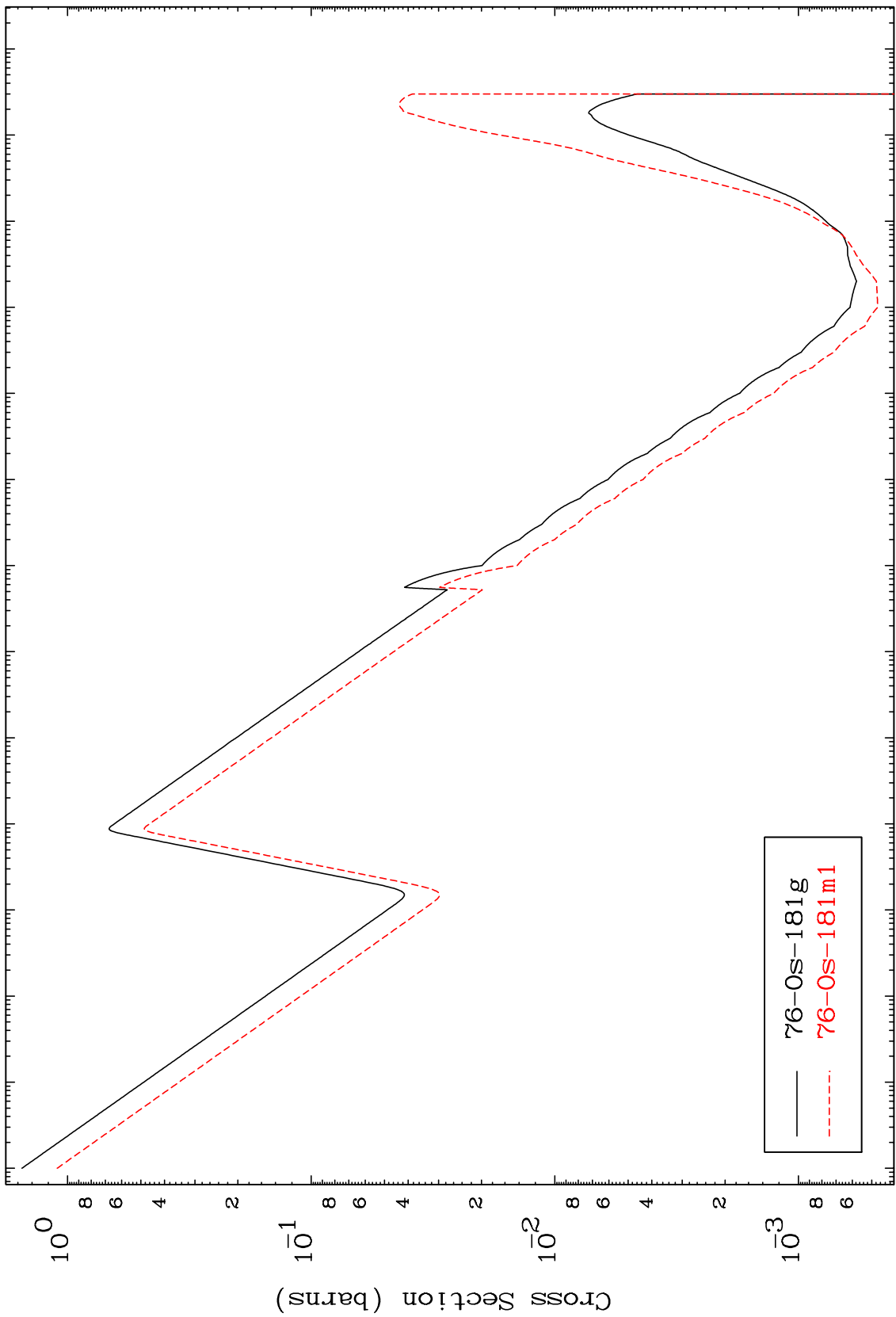
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

77-Ir-181

(n,p)
Radionuclide Production Cross Section



— 76-Os-181g
- - - 76-Os-181m1

77-Ir-181

Incident Energy (MeV)

141