

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

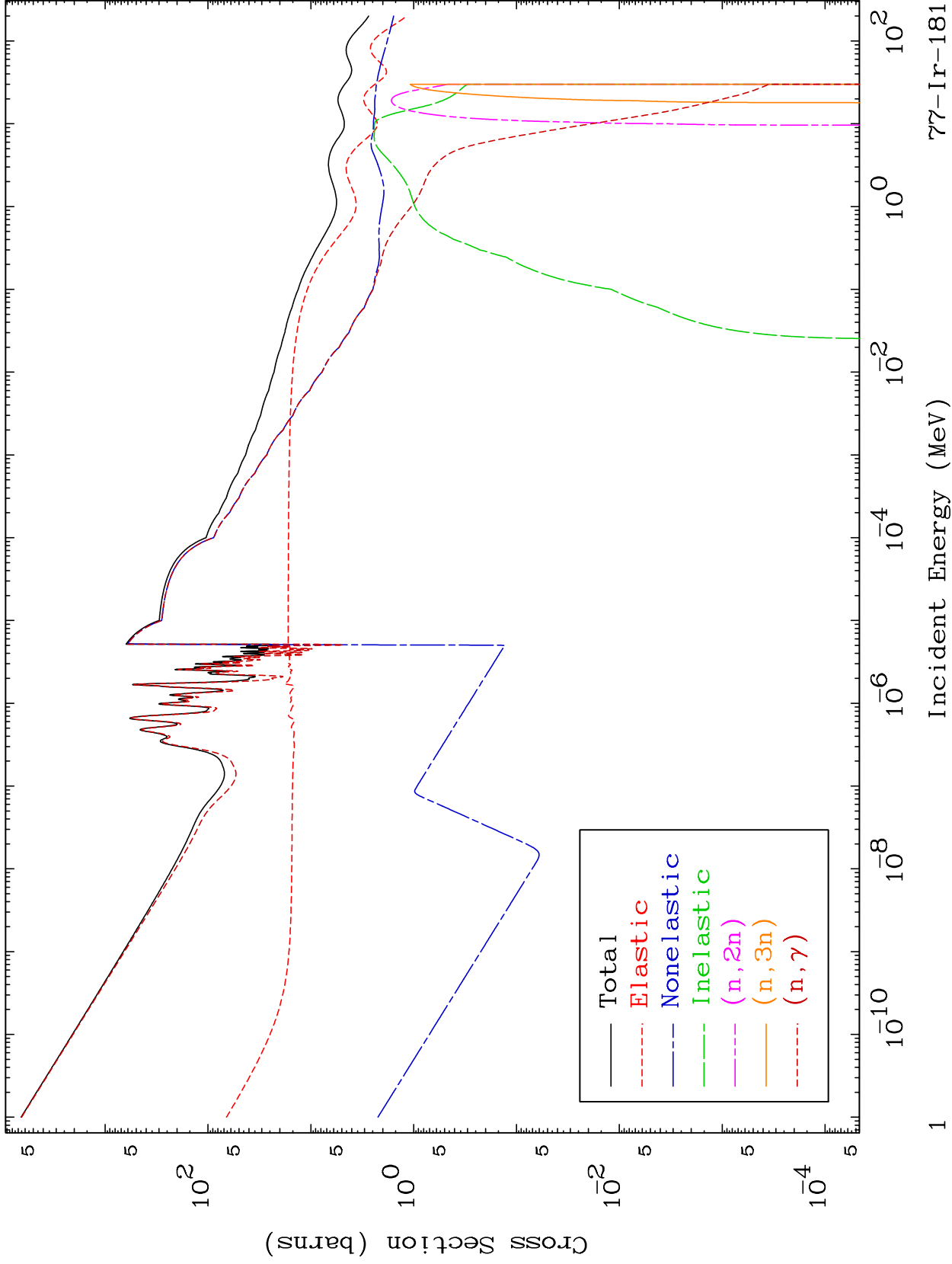
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7695

Neutron Major
293 Kelvin Cross Sections

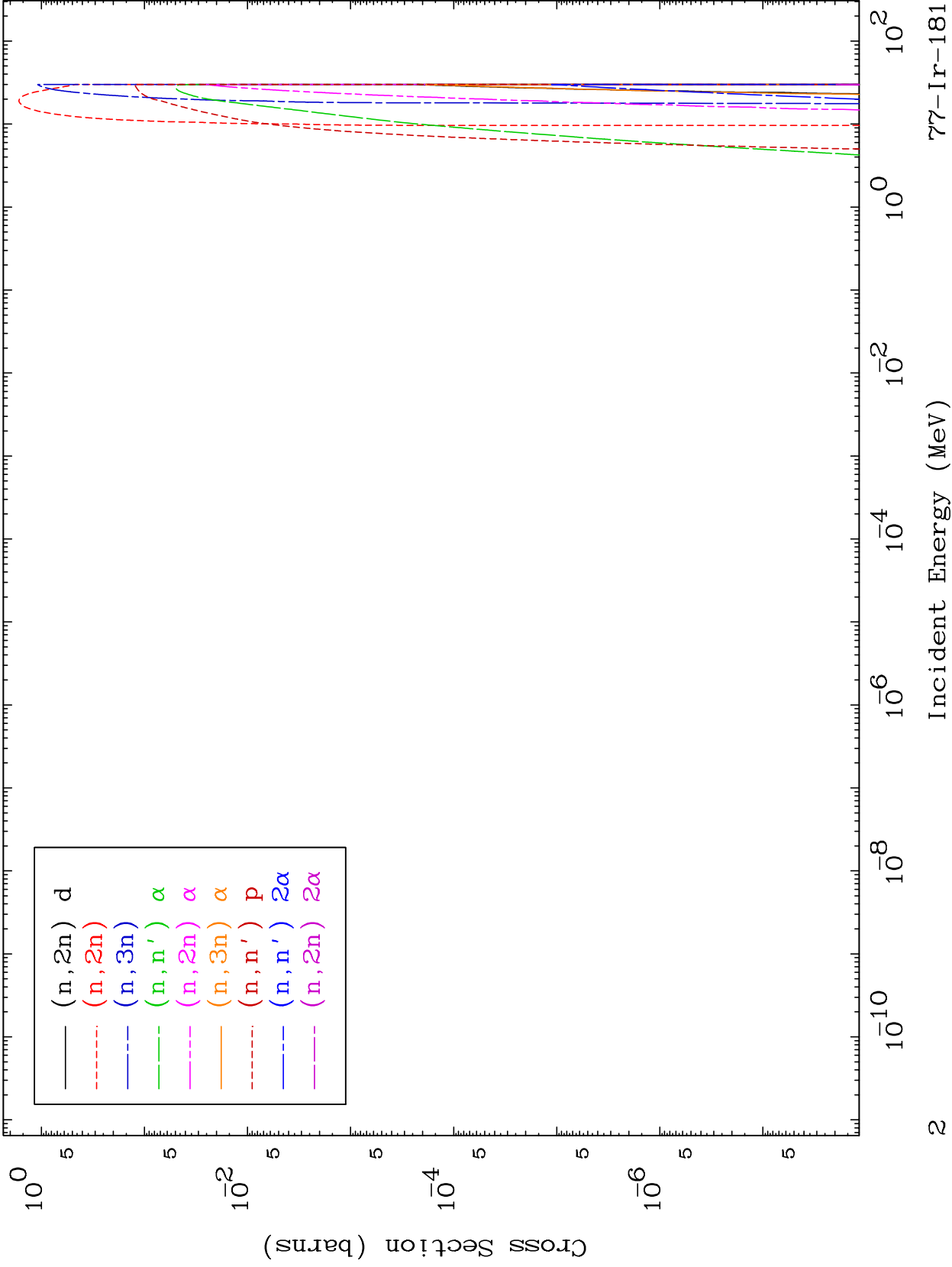
⁷⁷Ir-181



MAT 7695

Neutron Absorption
293 Kelvin Cross Sections

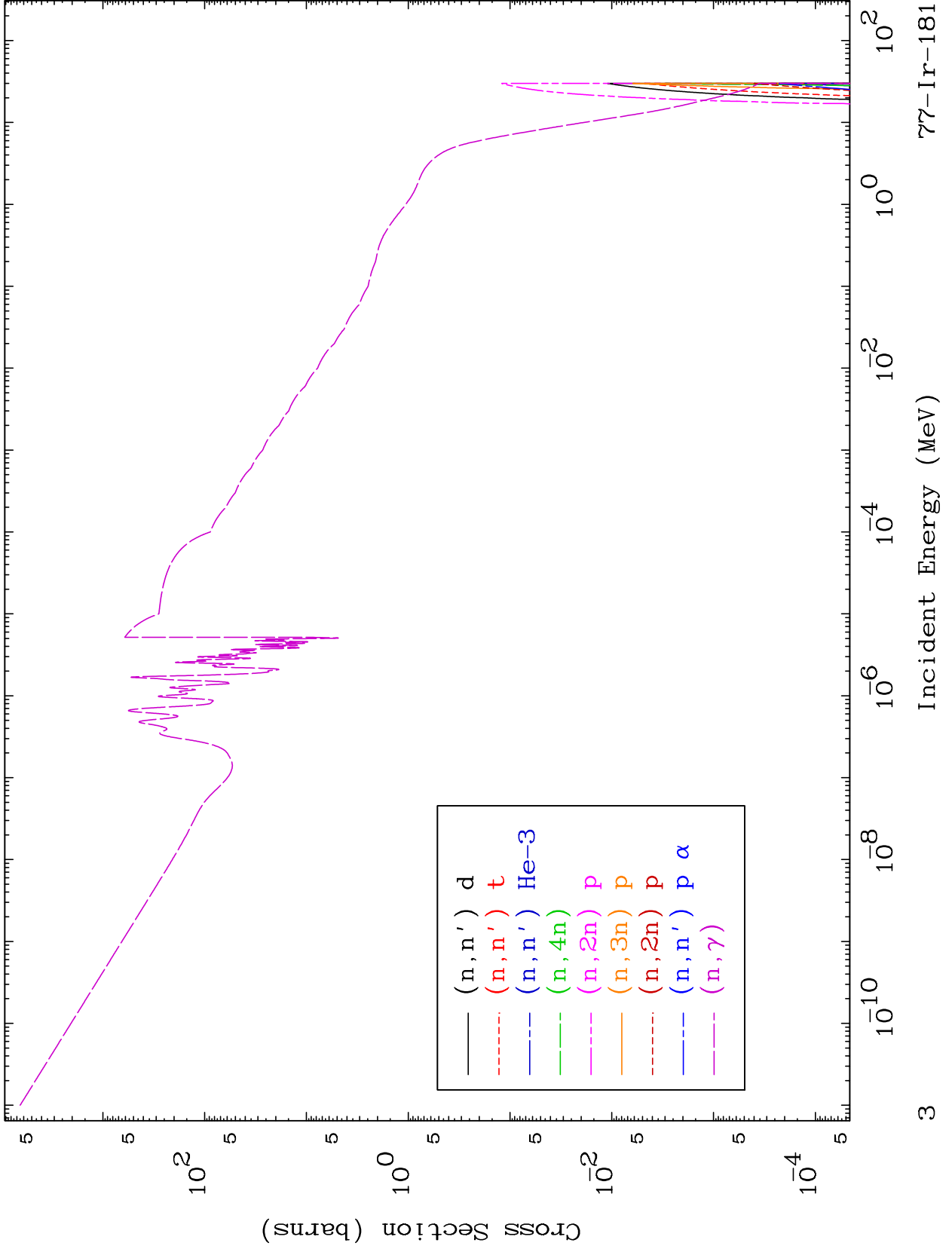
77-Ir-181



MAT 7695

Neutron Absorption
293 Kelvin Cross Sections

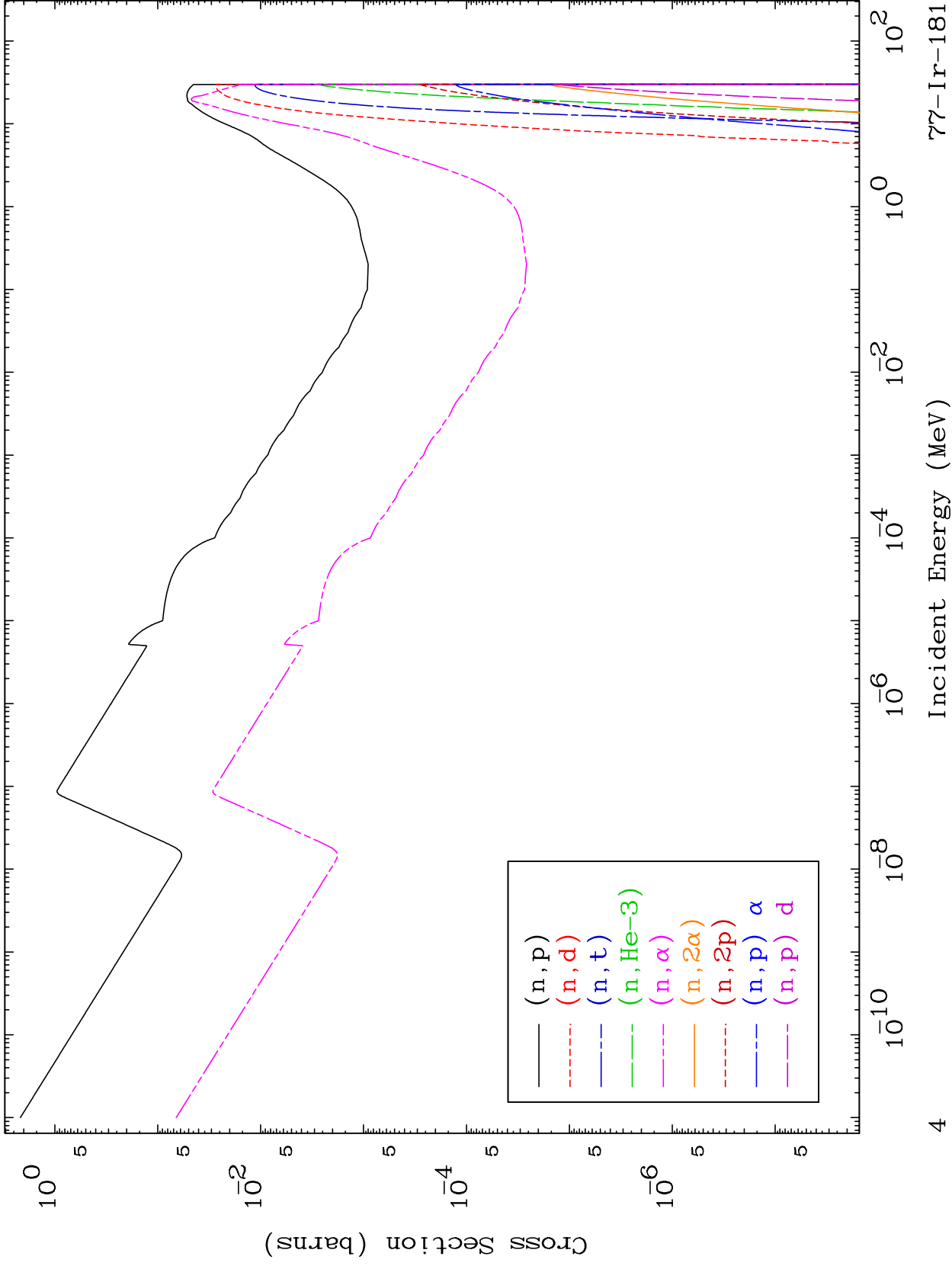
⁷⁷Ir-181

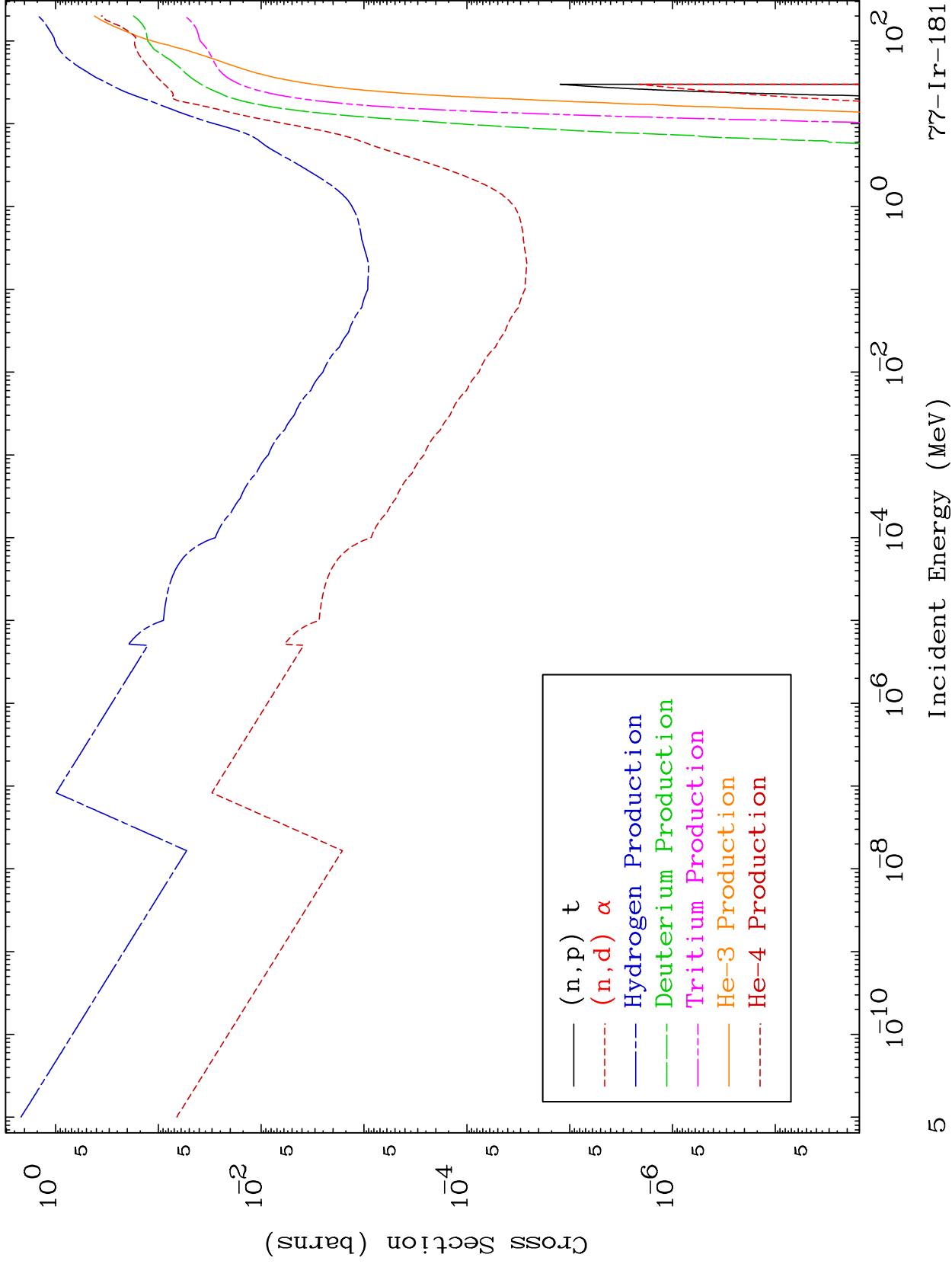


MAT 7695

Neutron Absorption
293 Kelvin Cross Sections

⁷⁷Ir-181

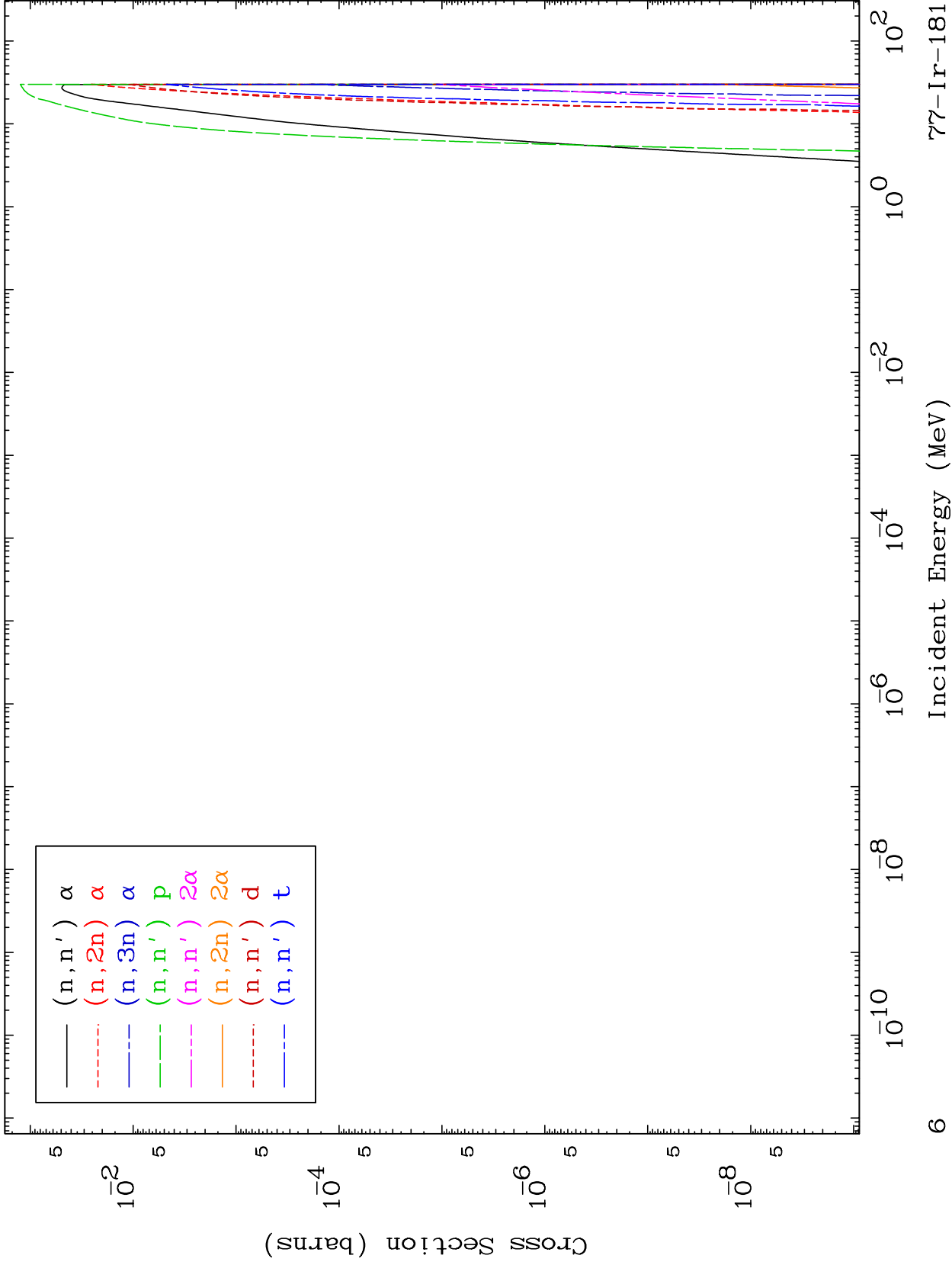




MAT 7695

Charged Particle
293 Kelvin Cross Sections

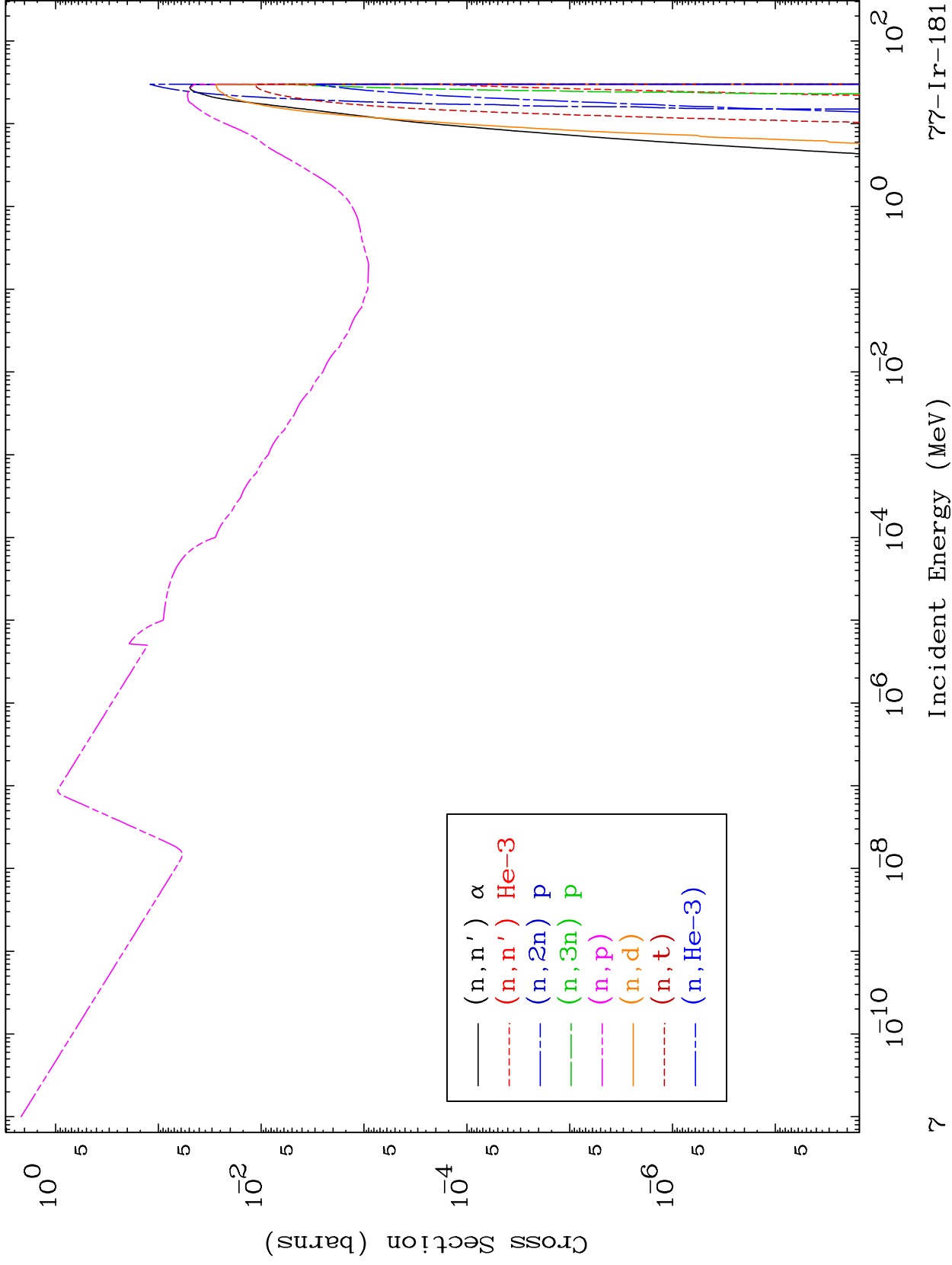
77-Ir-181



MAT 7695

Charged Particle
293 Kelvin Cross Sections

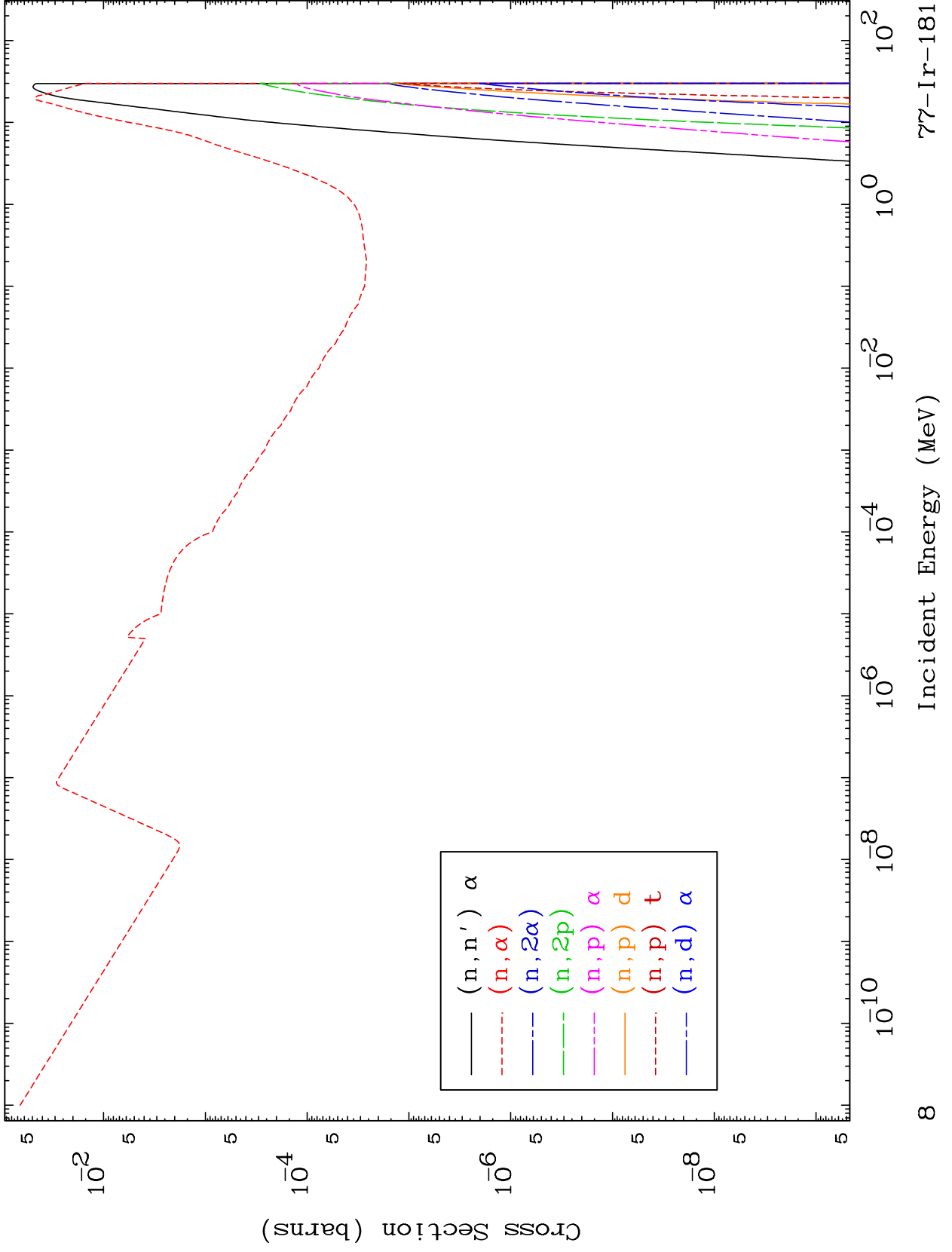
77-Ir-181



MAT 7695

Charged Particle
293 Kelvin Cross Sections

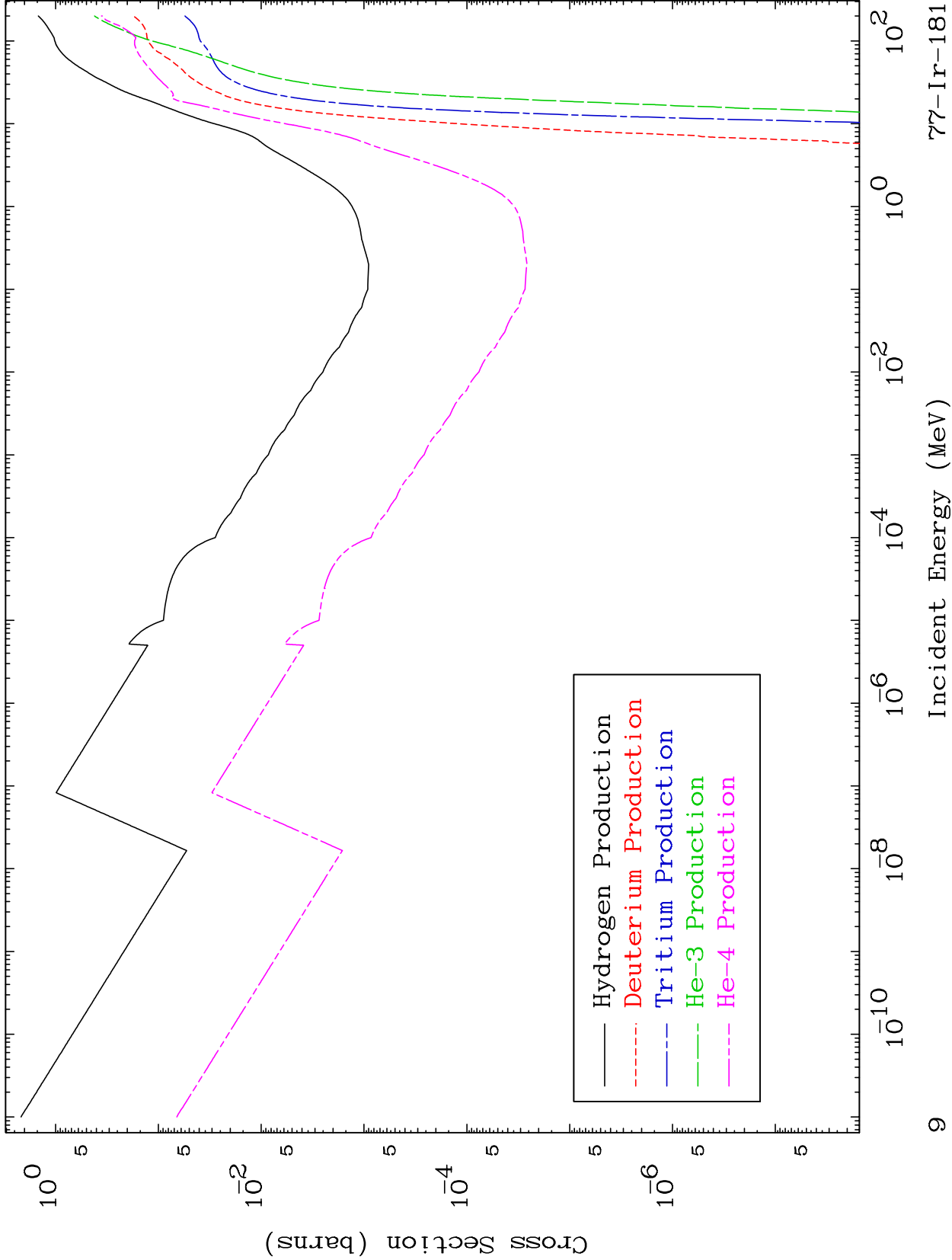
77-Ir-181



MAT 7695

Particle Production
293 Kelvin Cross Sections

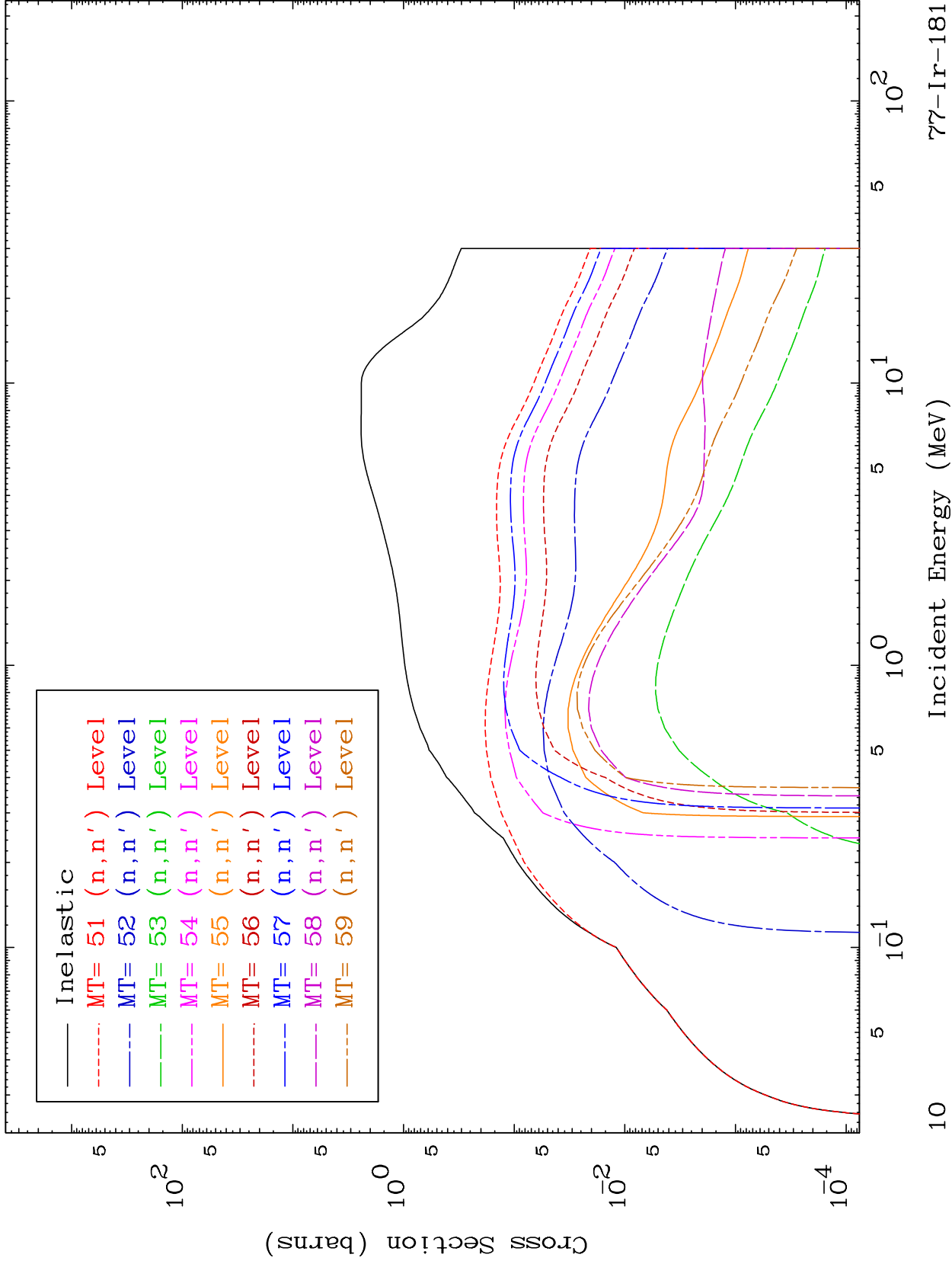
⁷⁷Ir-181



MAT 7695

(n,n') Levels
293 Kelvin Cross Sections

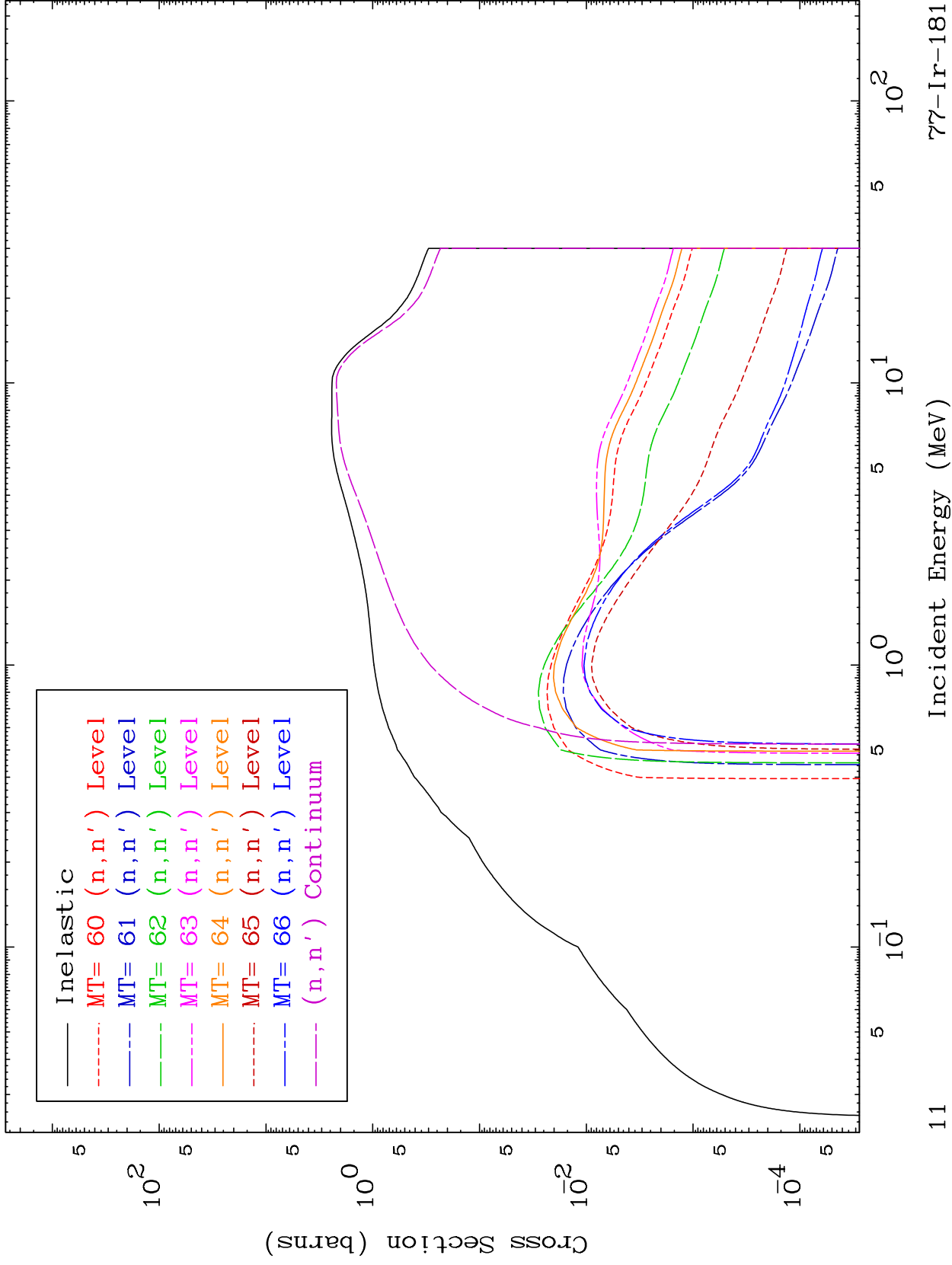
77-Ir-181



10

Incident Energy (MeV)

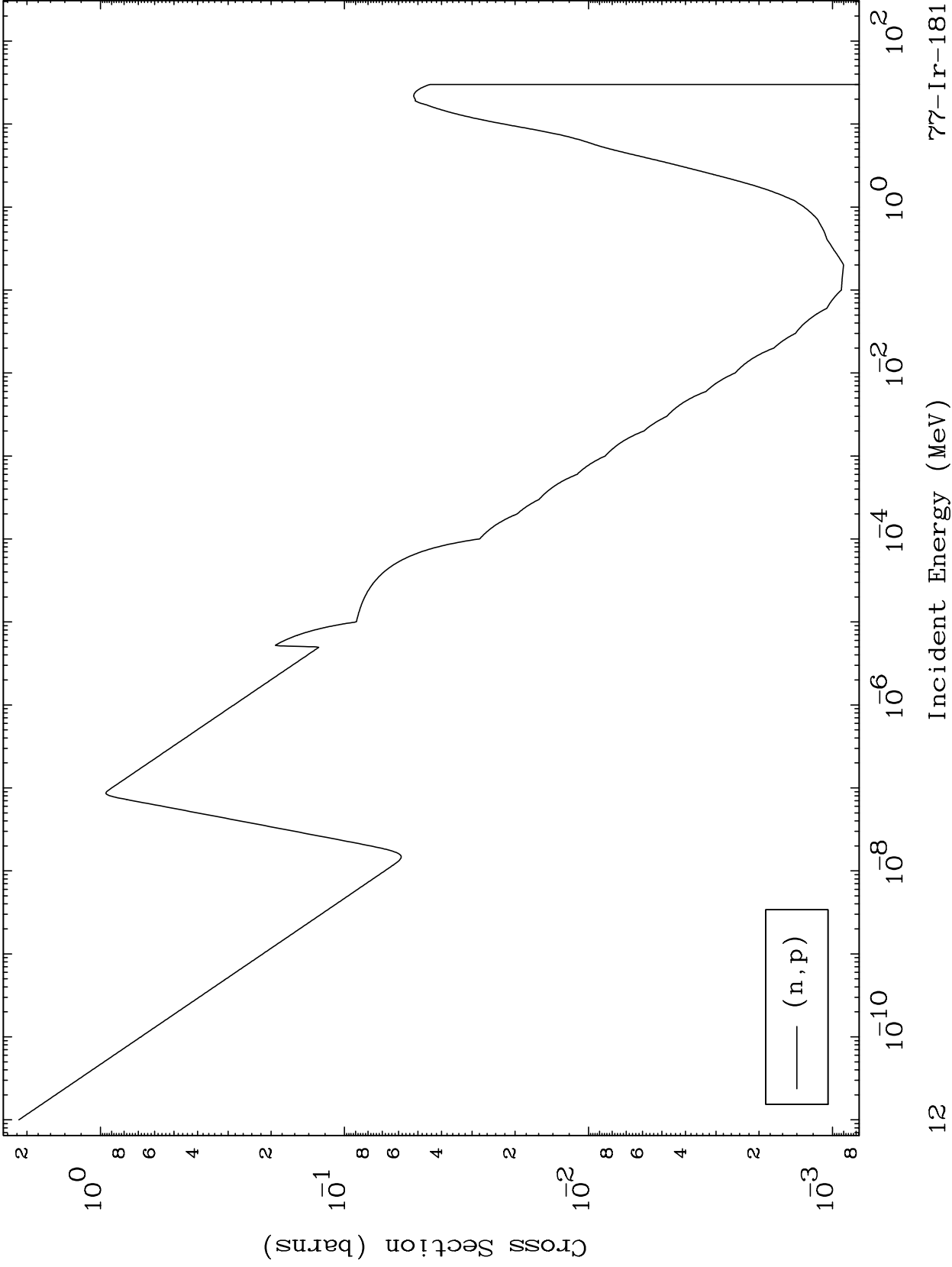
77-Ir-181



MAT 7695

(n,p) Levels
293 Kelvin Cross Sections

⁷⁷Ir-181



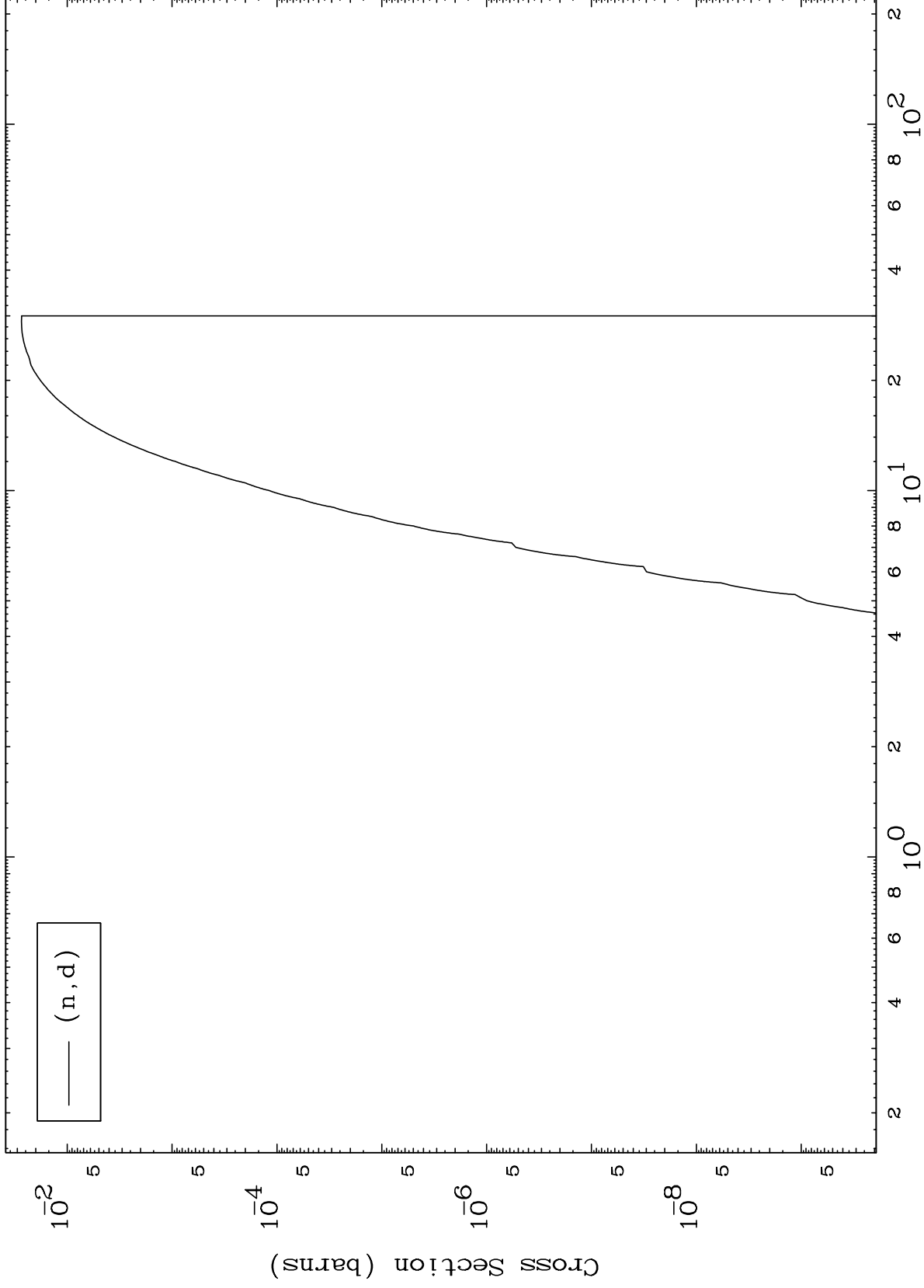
12

⁷⁷Ir-181

MAT 7695

(n,d) Levels
293 Kelvin Cross Sections

⁷⁷Ir-181



13

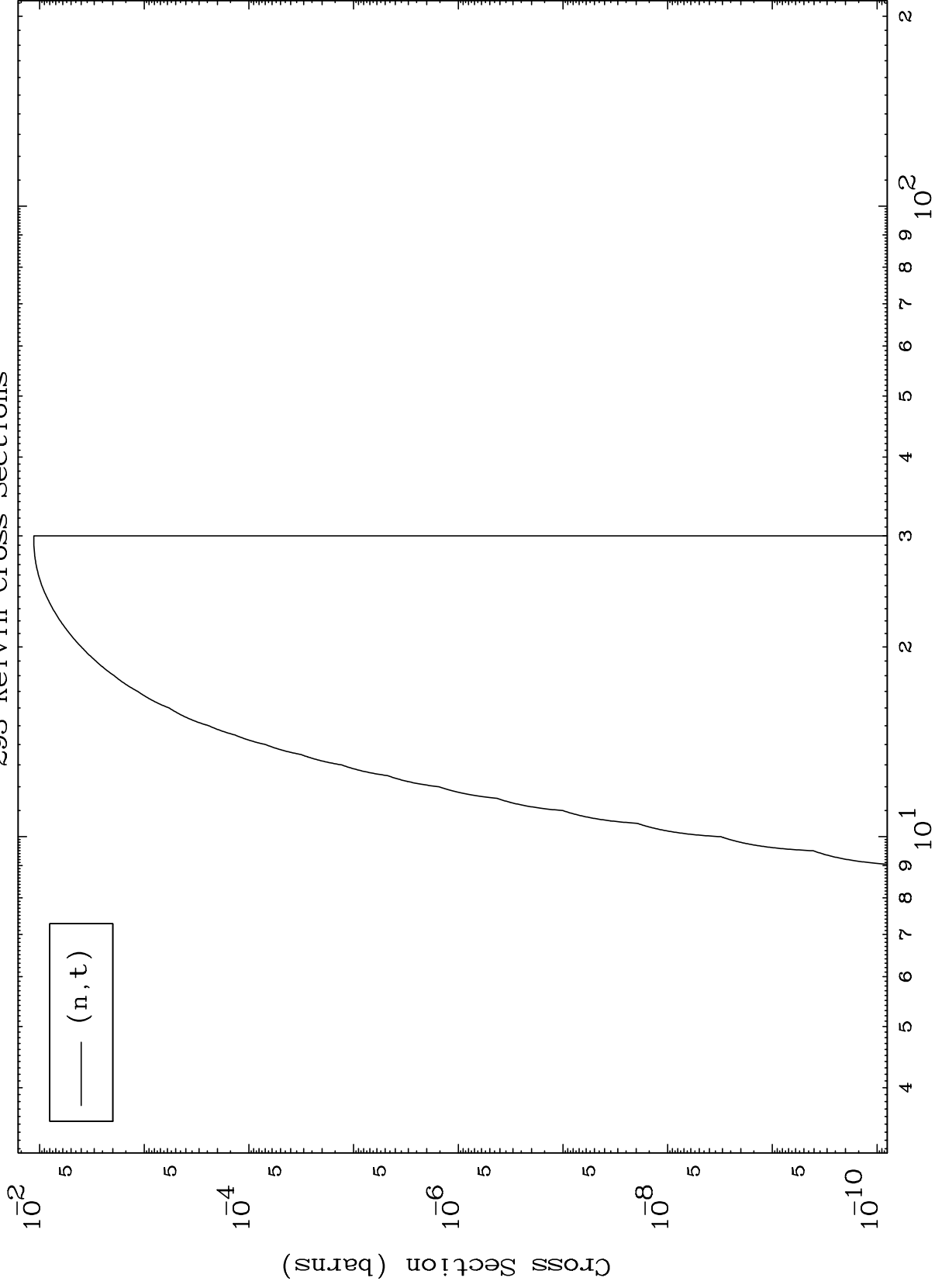
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-181



14

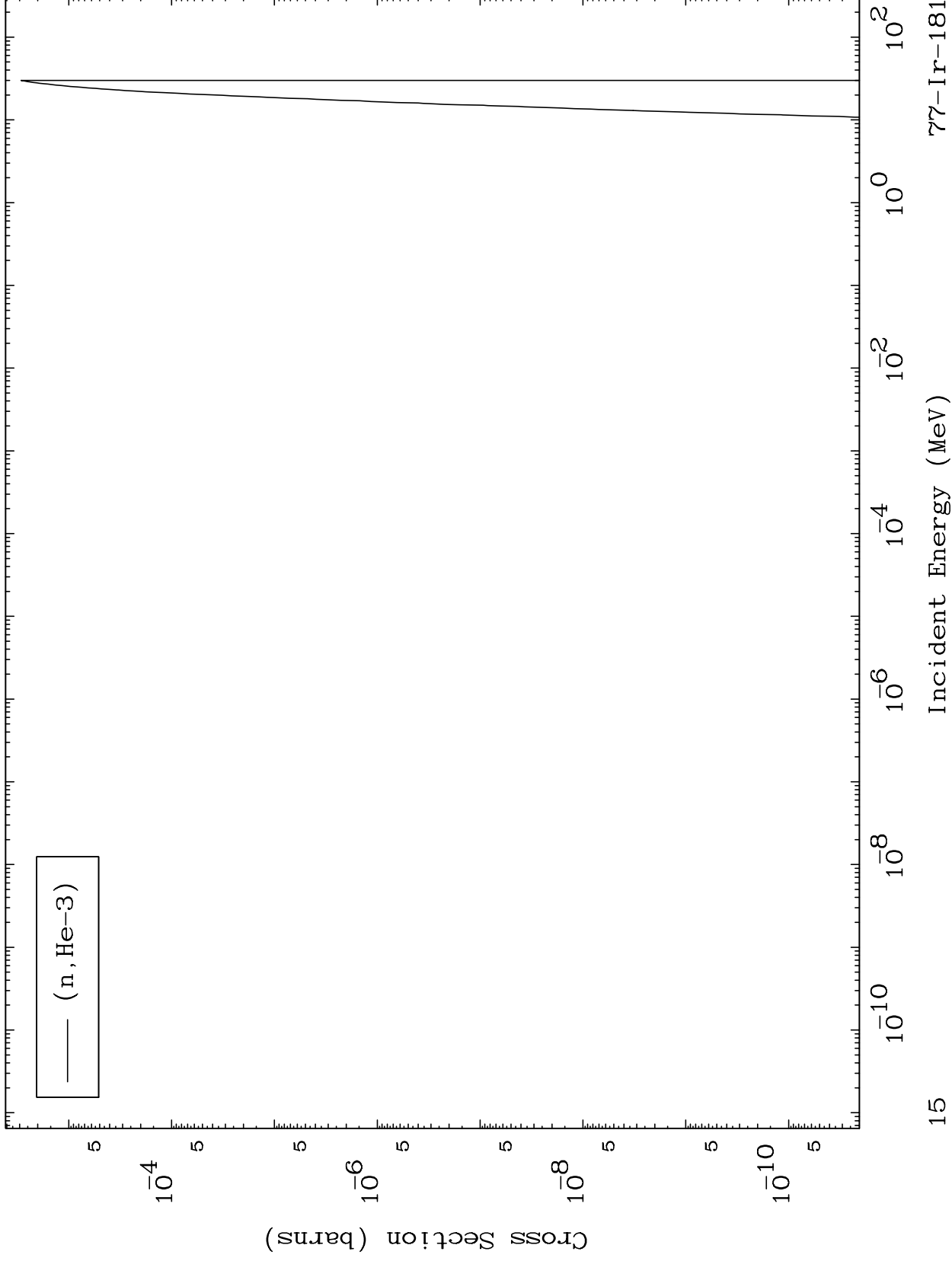
Incident Energy (MeV)

77-Ir-181

MAT 7695

(n,He3) Levels
293 Kelvin Cross Sections

⁷⁷Ir-181



15

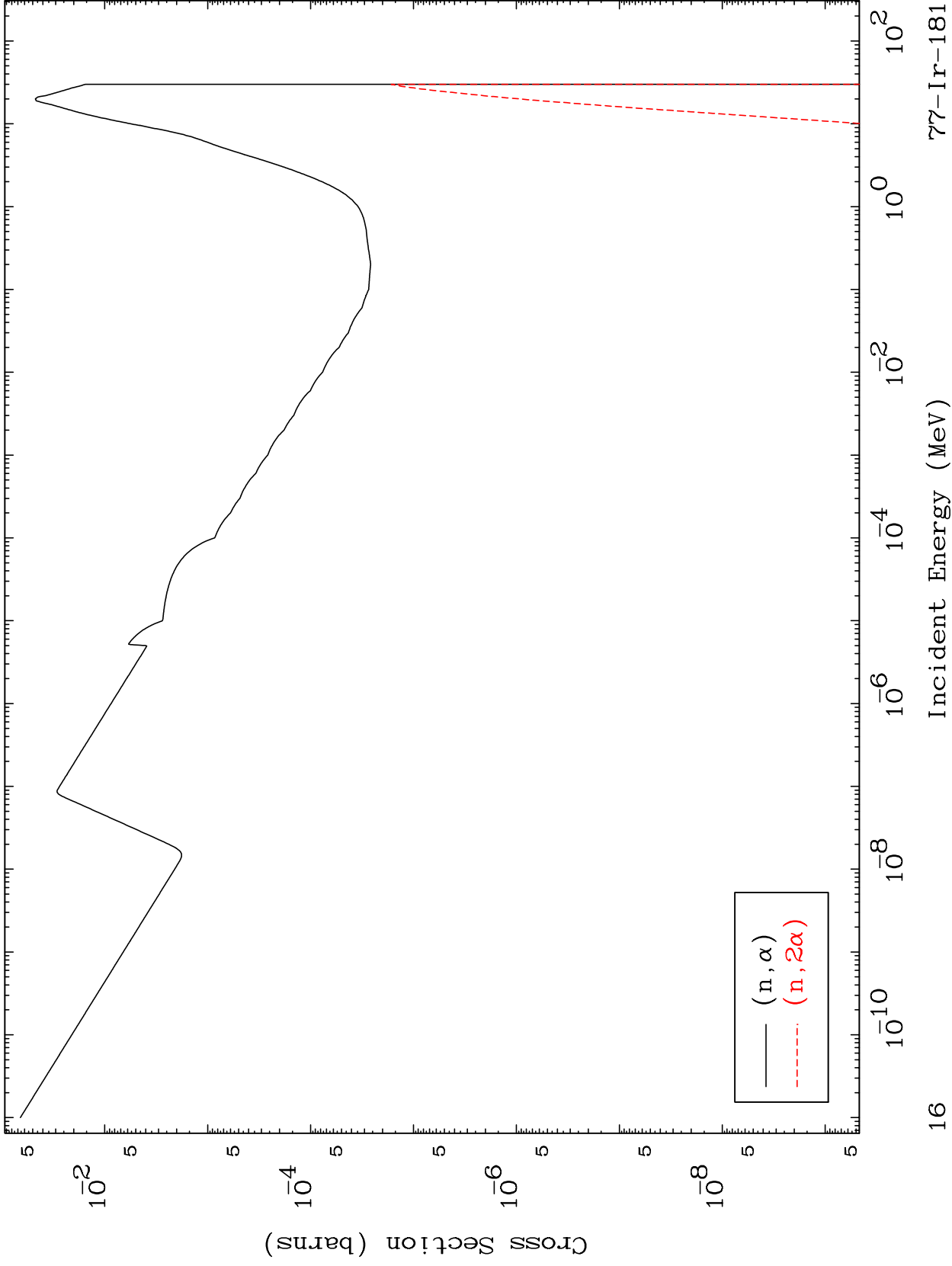
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

(n, α) Levels
293 Kelvin Cross Sections

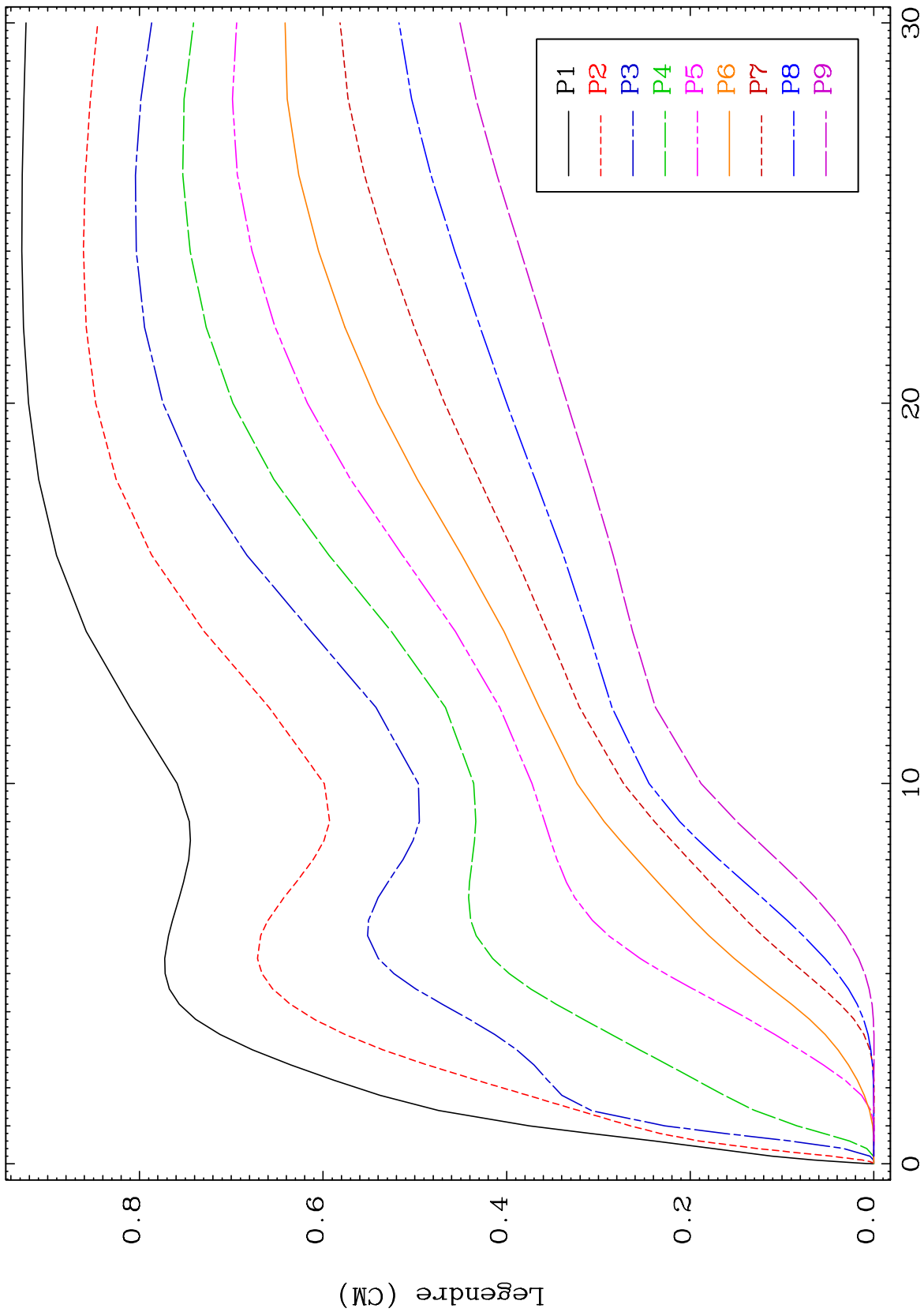
⁷⁷Ir-181



MAT 7695

Elastic Legendre Coefficients

⁷⁷Ir-181



17

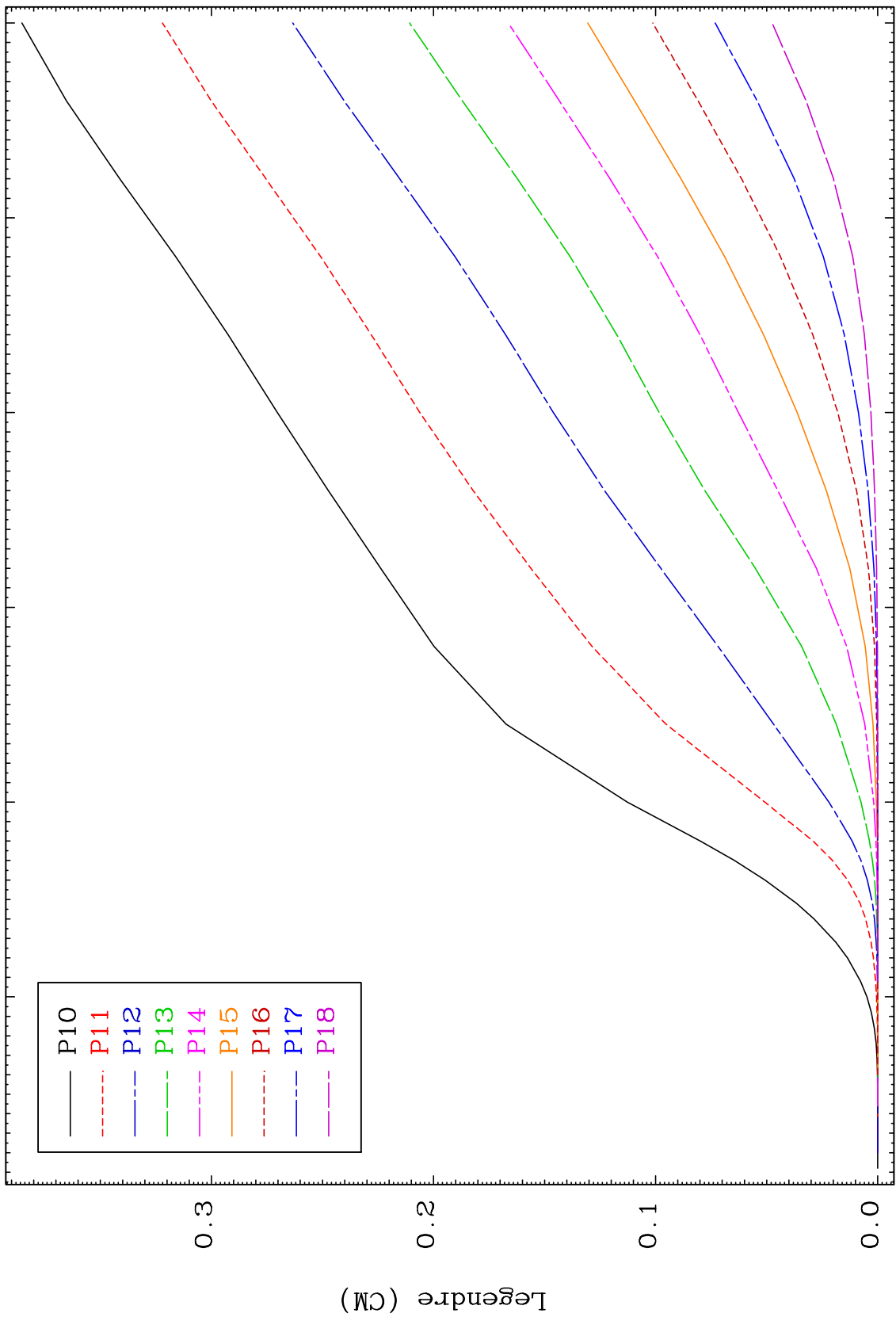
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

Elastic Legendre Coefficients

⁷⁷Ir-181



18

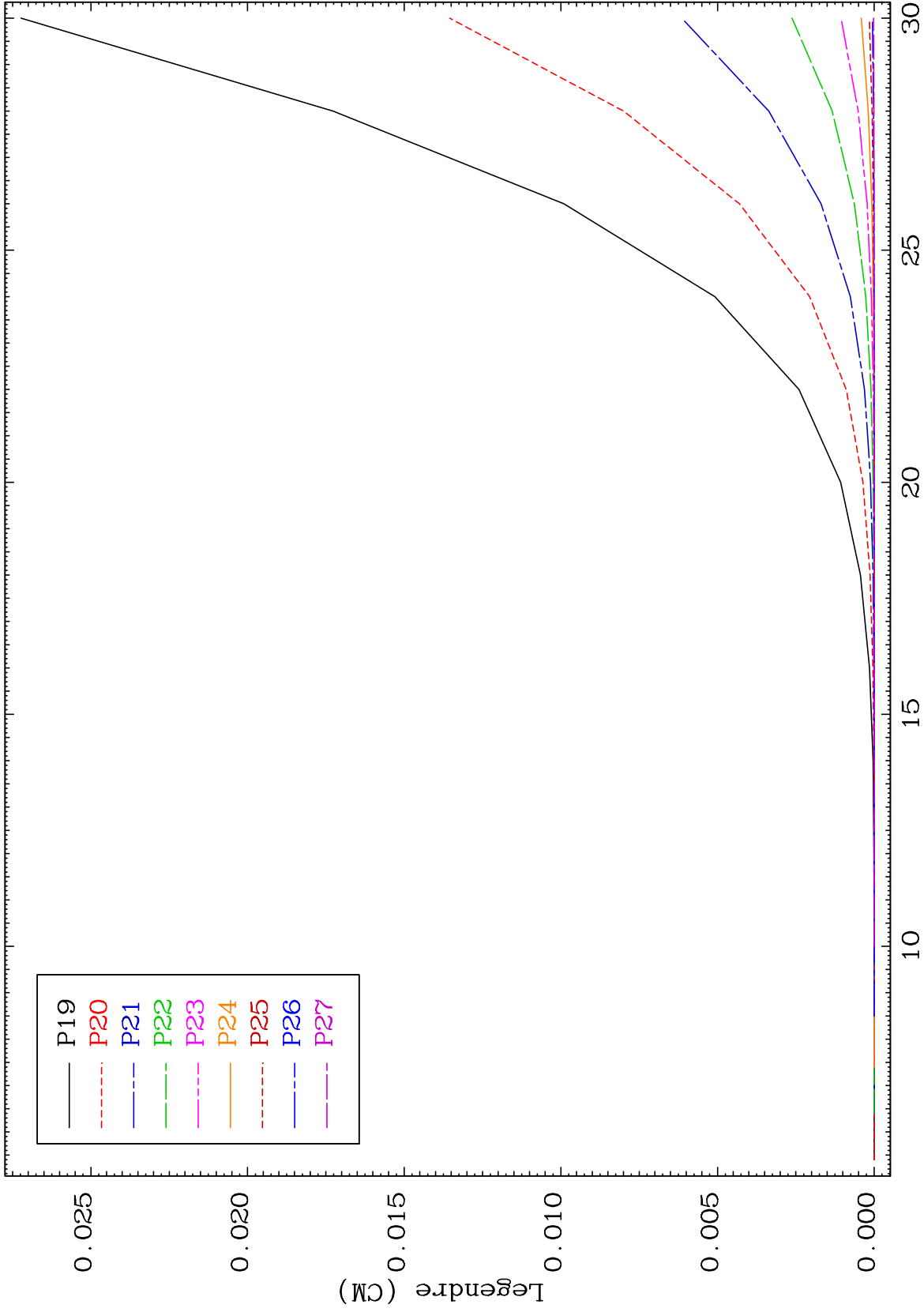
⁷⁷Ir-181

Incident Energy (MeV)

MAT 7695

Elastic Legendre Coefficients

⁷⁷Ir-181



19

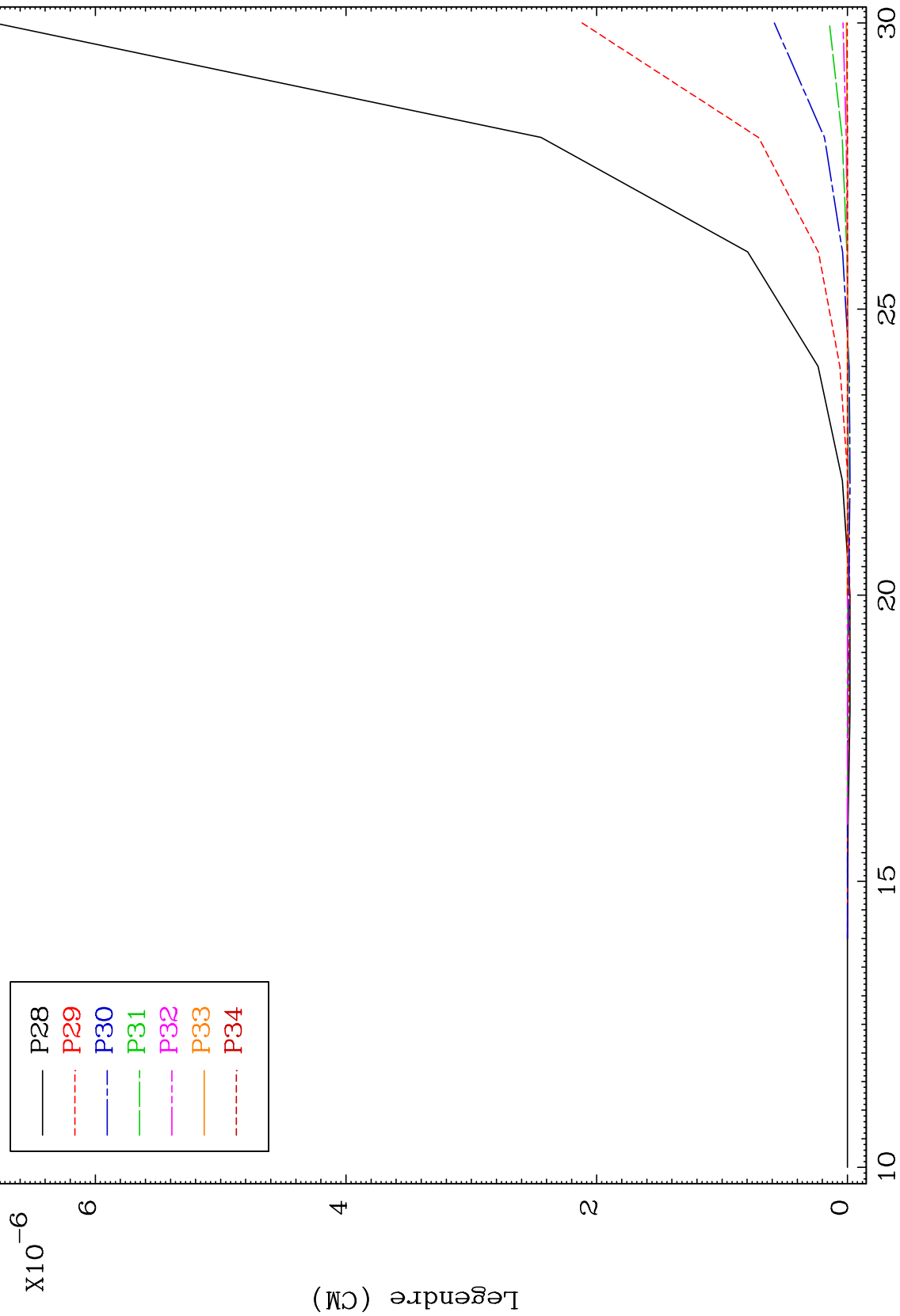
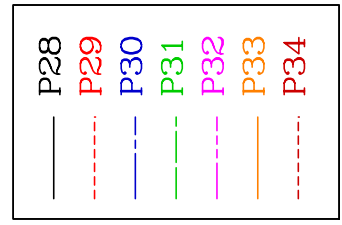
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

Elastic Legendre Coefficients

⁷⁷Ir-181



⁷⁷Ir-181

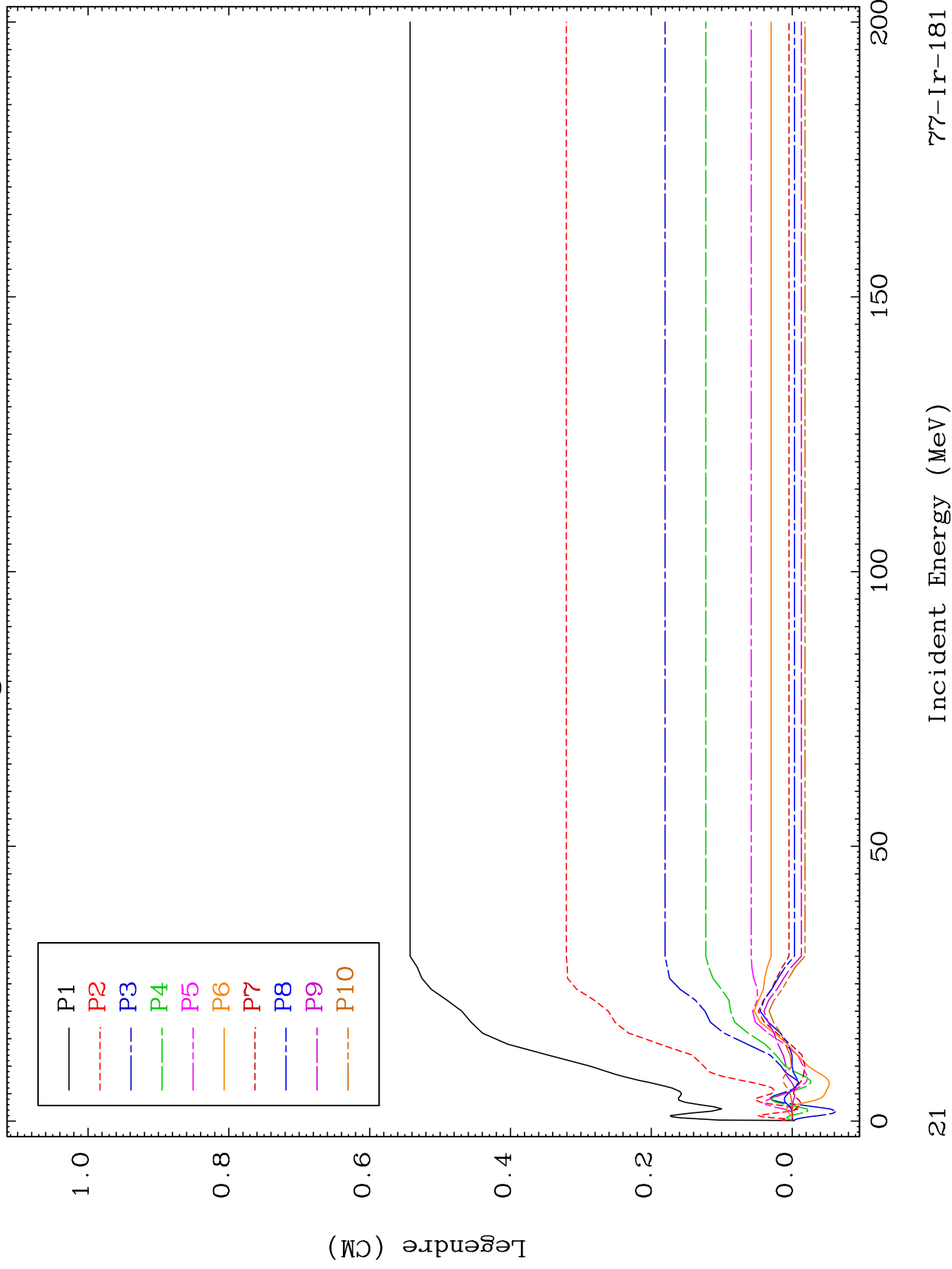
Incident Energy (MeV)

20

MAT 7695

MT= 51 (n,n') Level
Legendre Coefficients

77-Ir-181



21

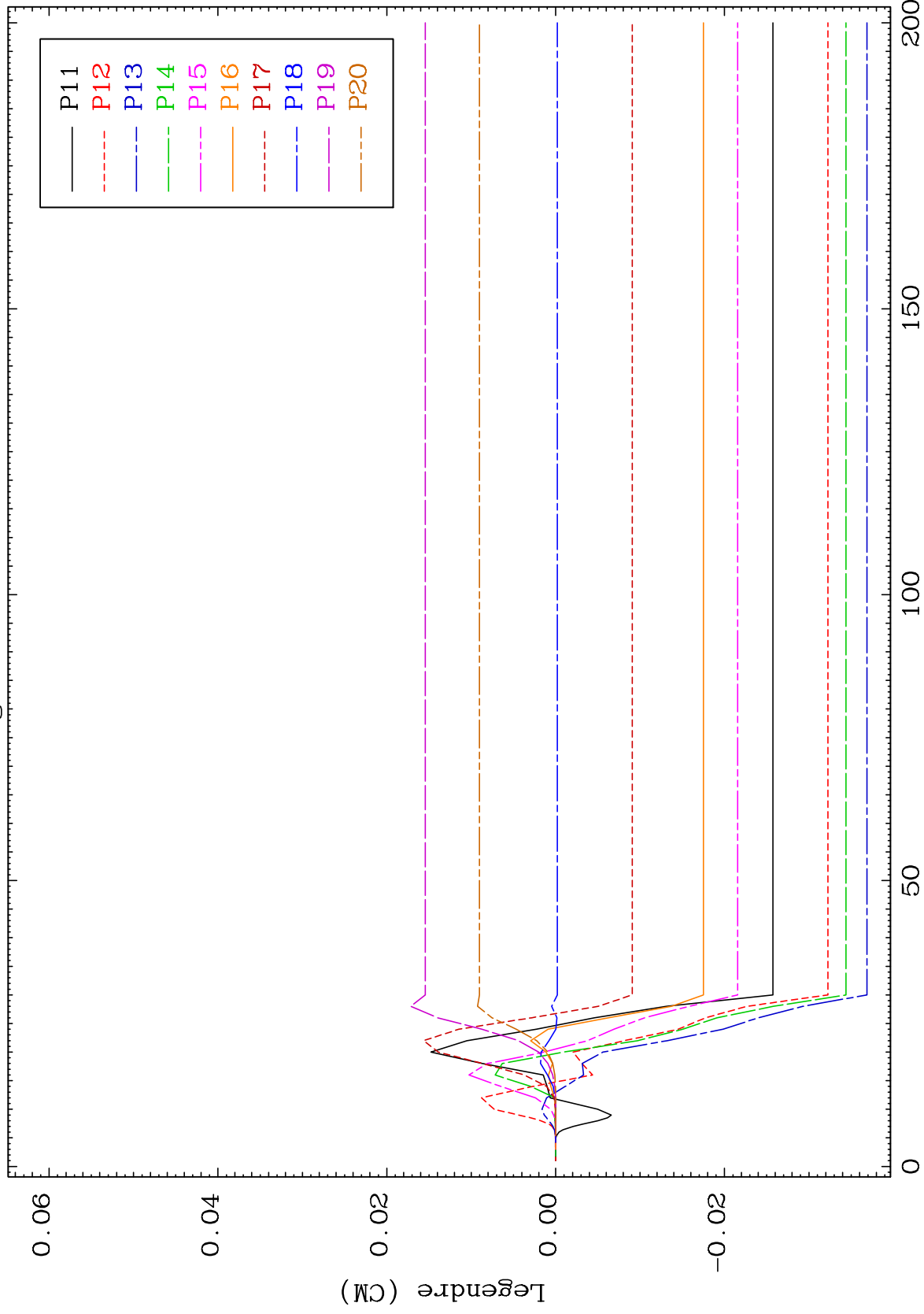
Incident Energy (MeV)

77-Ir-181

MAT 7695

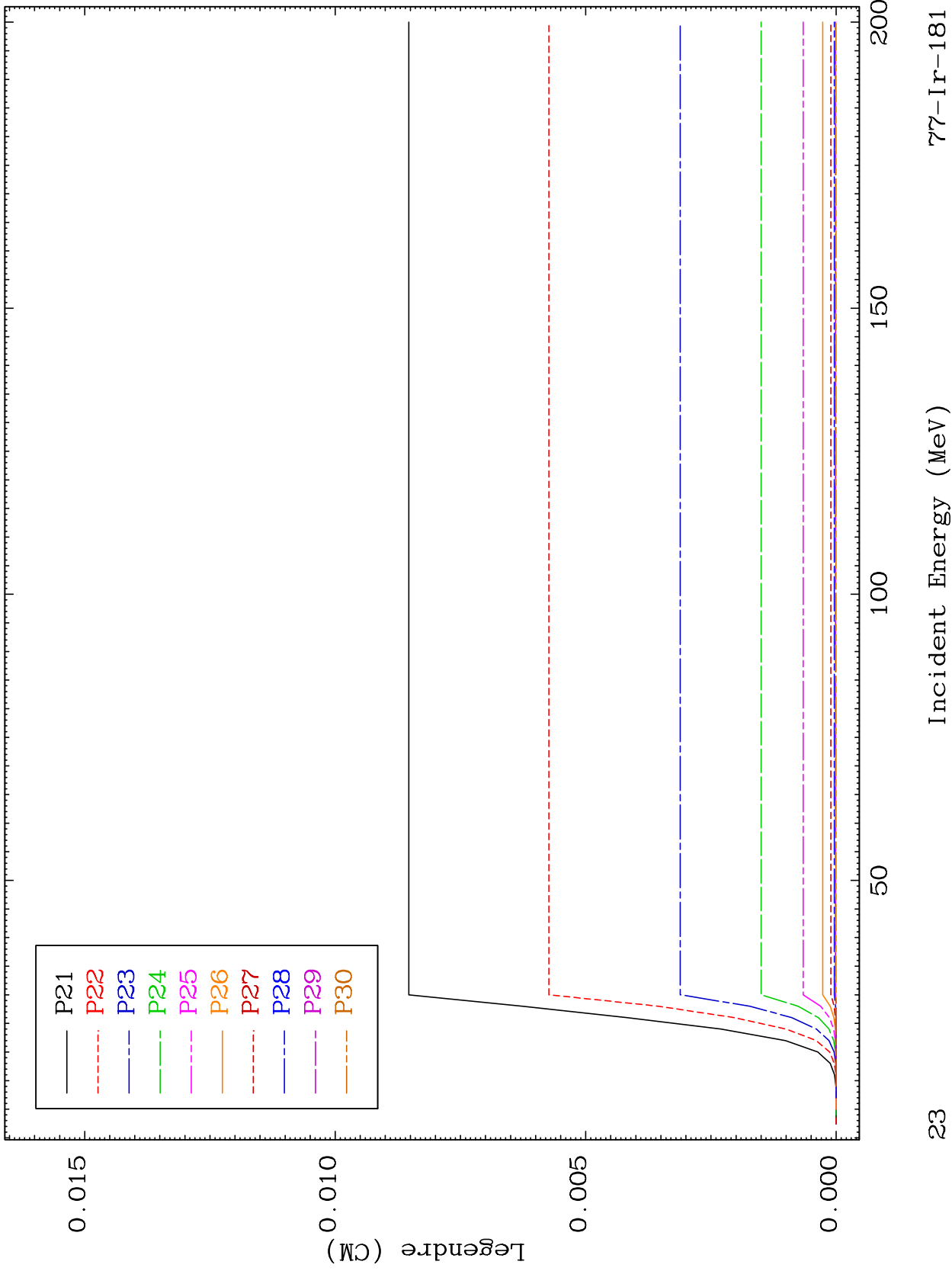
MT= 51 (n,n') Level
Legendre Coefficients

77-Ir-181



22

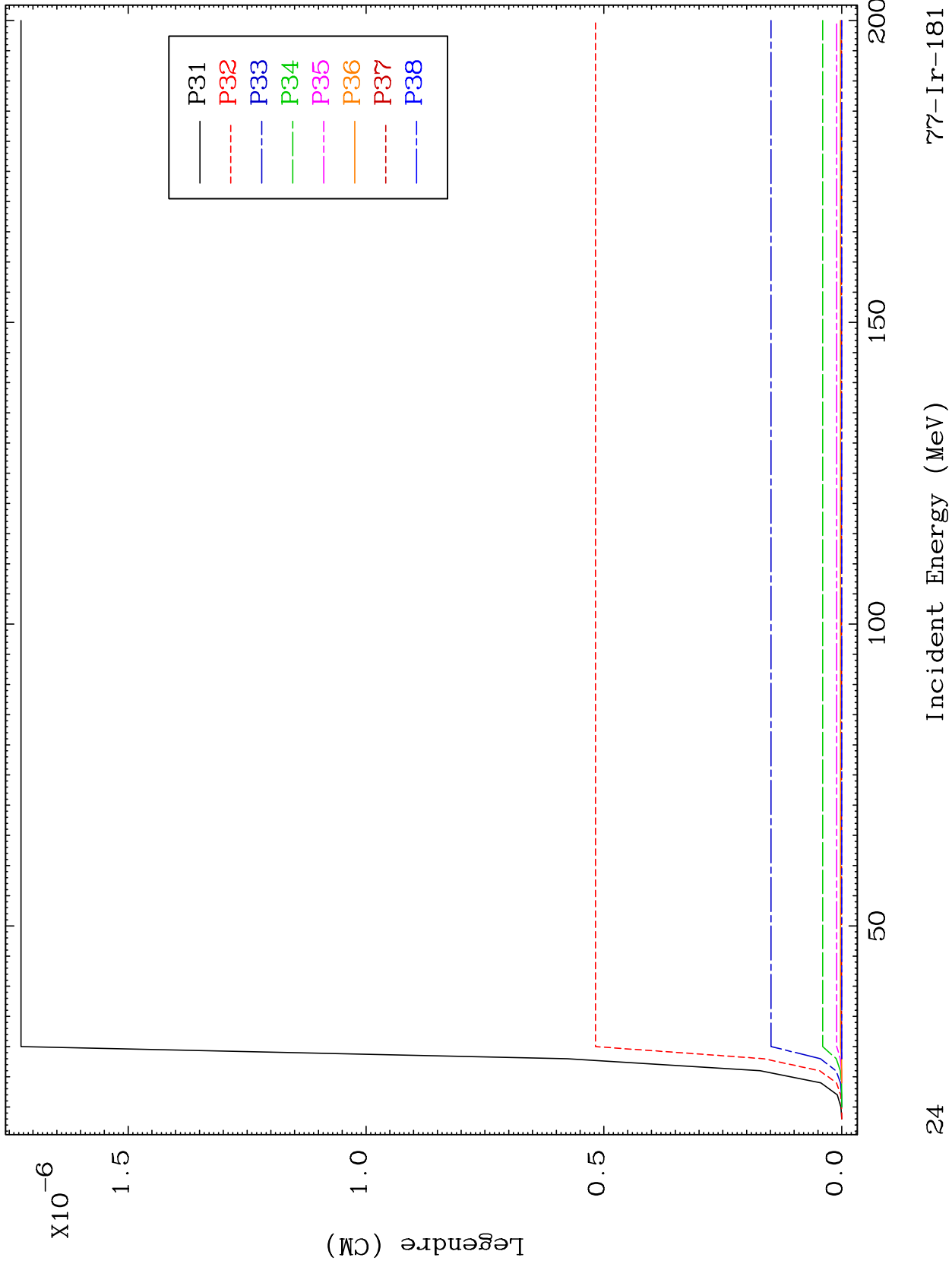
77-Ir-181



MAT 7695

MT= 51 (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



24

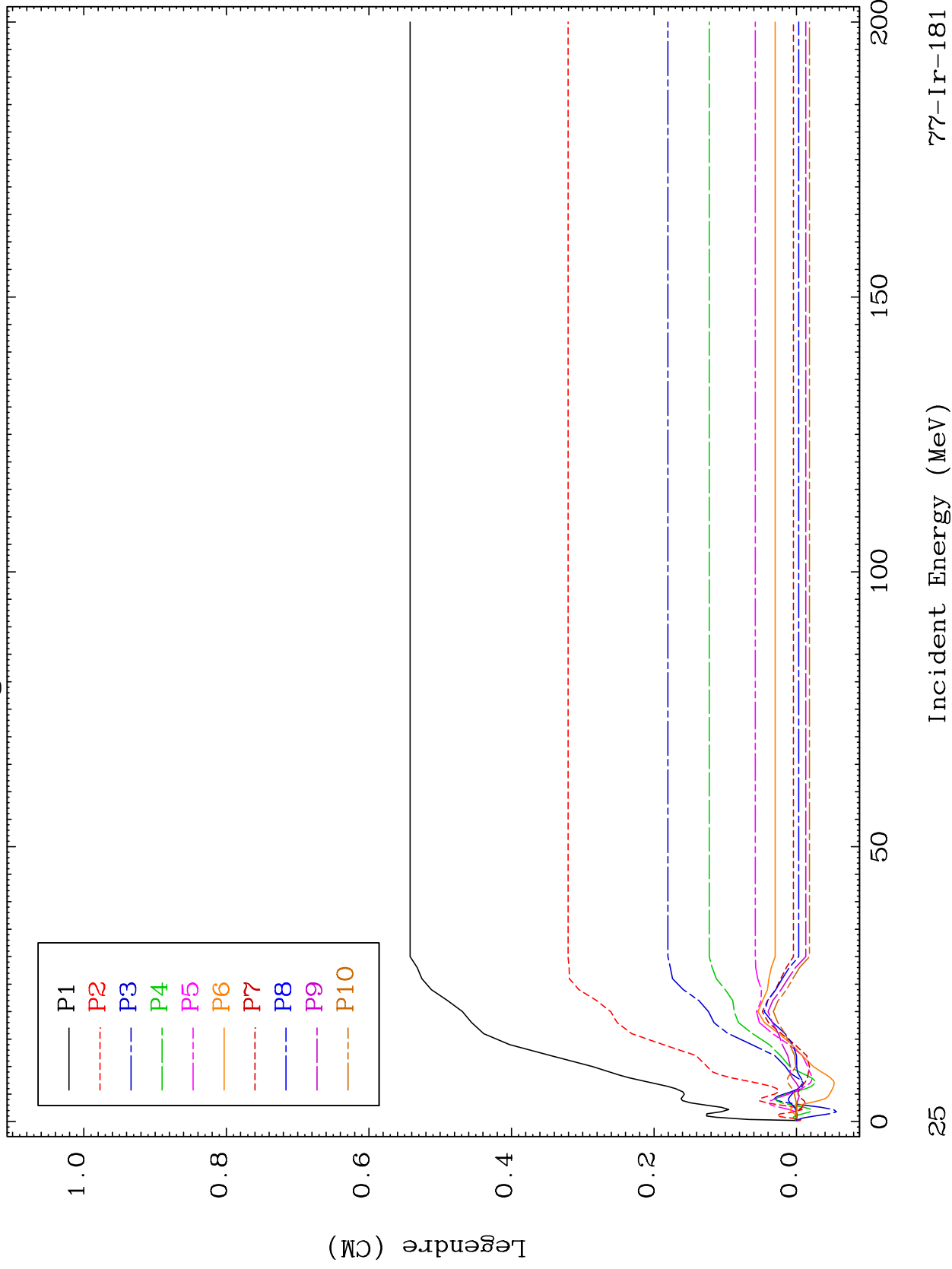
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

MT= 52 (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



⁷⁷Ir-181

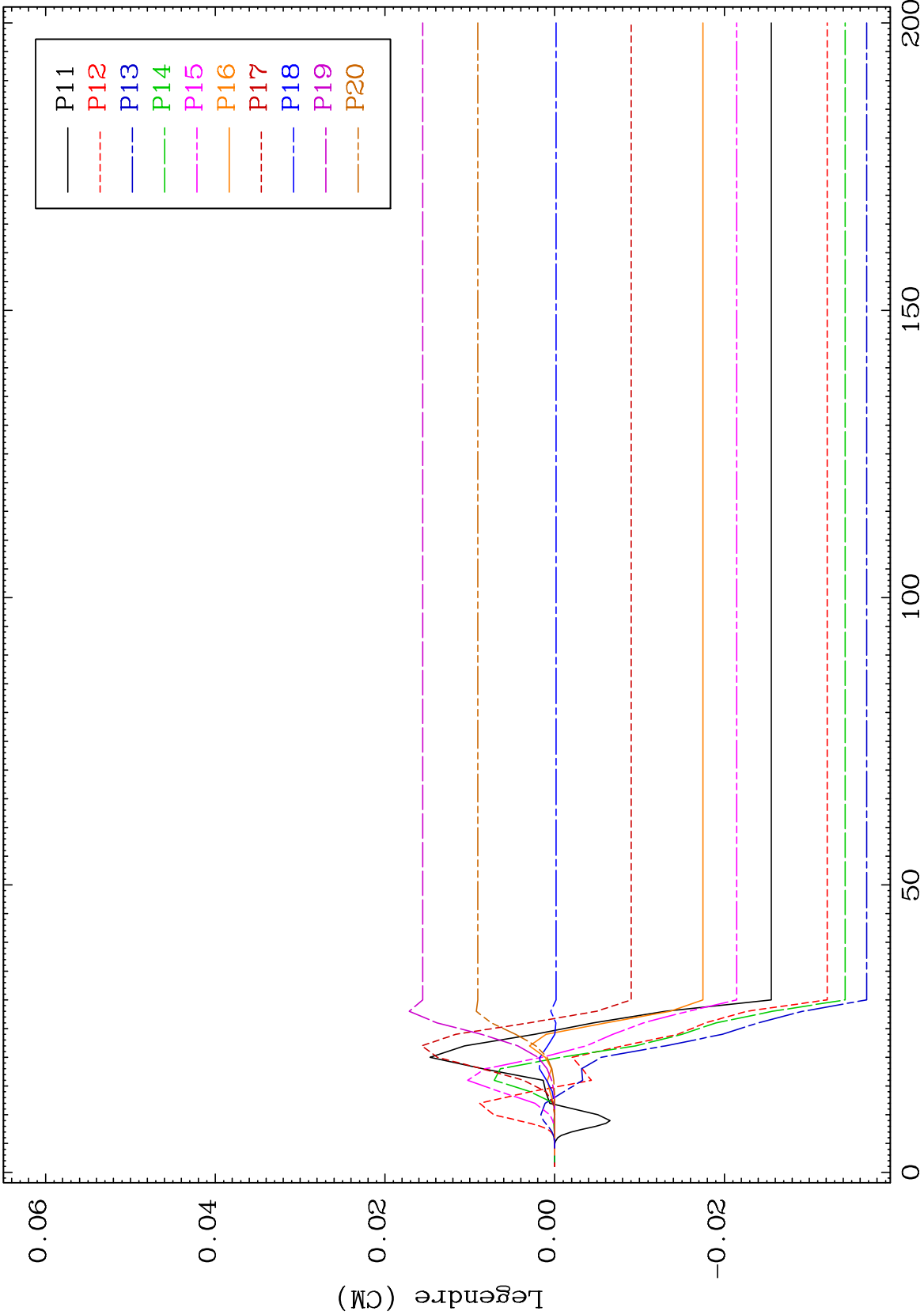
Incident Energy (MeV)

25

MAT 7695

MT= 52 (n,n') Level Legendre Coefficients

77-Ir-181



26

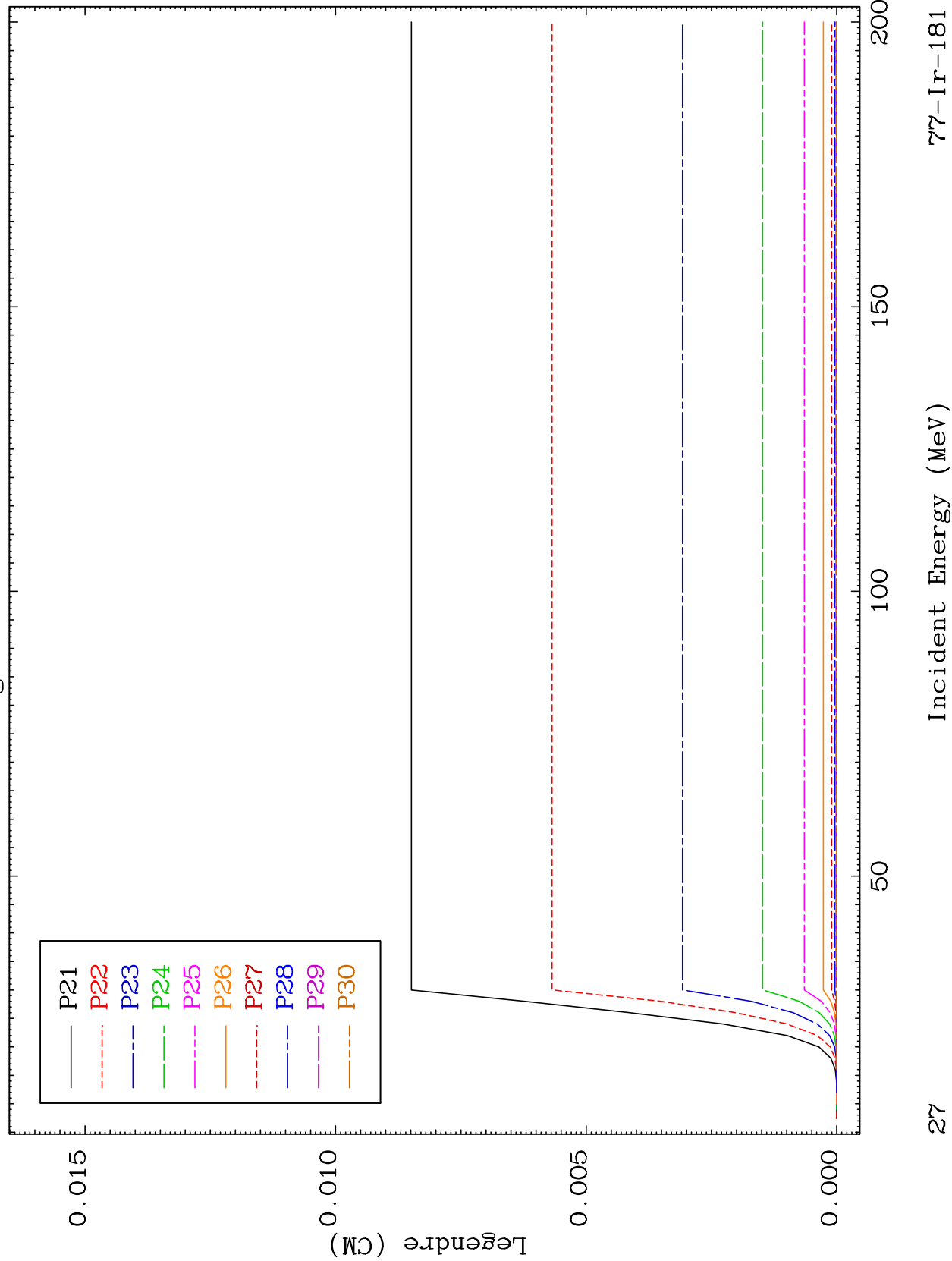
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 52 (n,n') Level
Legendre Coefficients

77-Ir-181



27

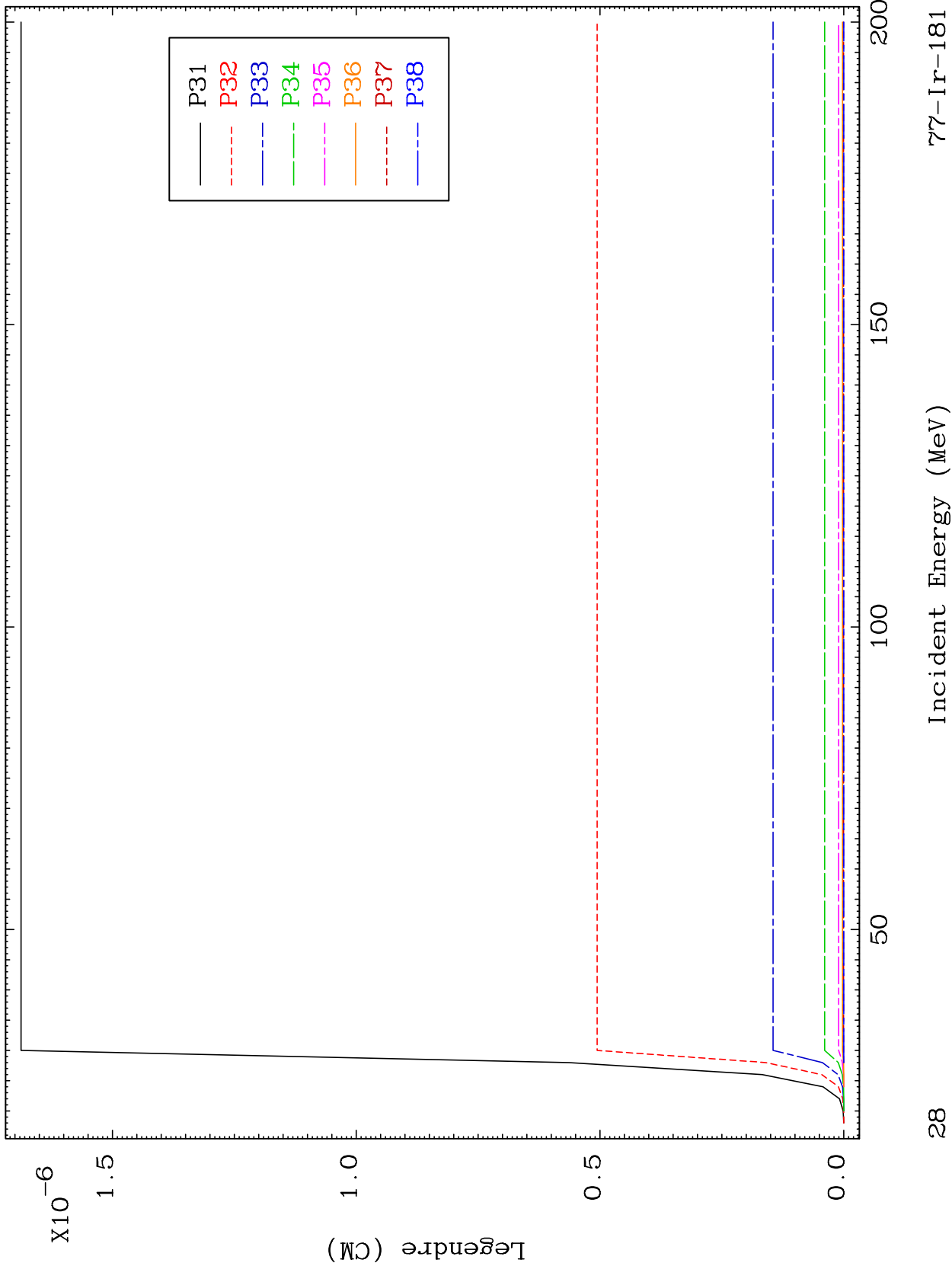
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 52 (n,n') Level
Legendre Coefficients

77-Ir-181



28

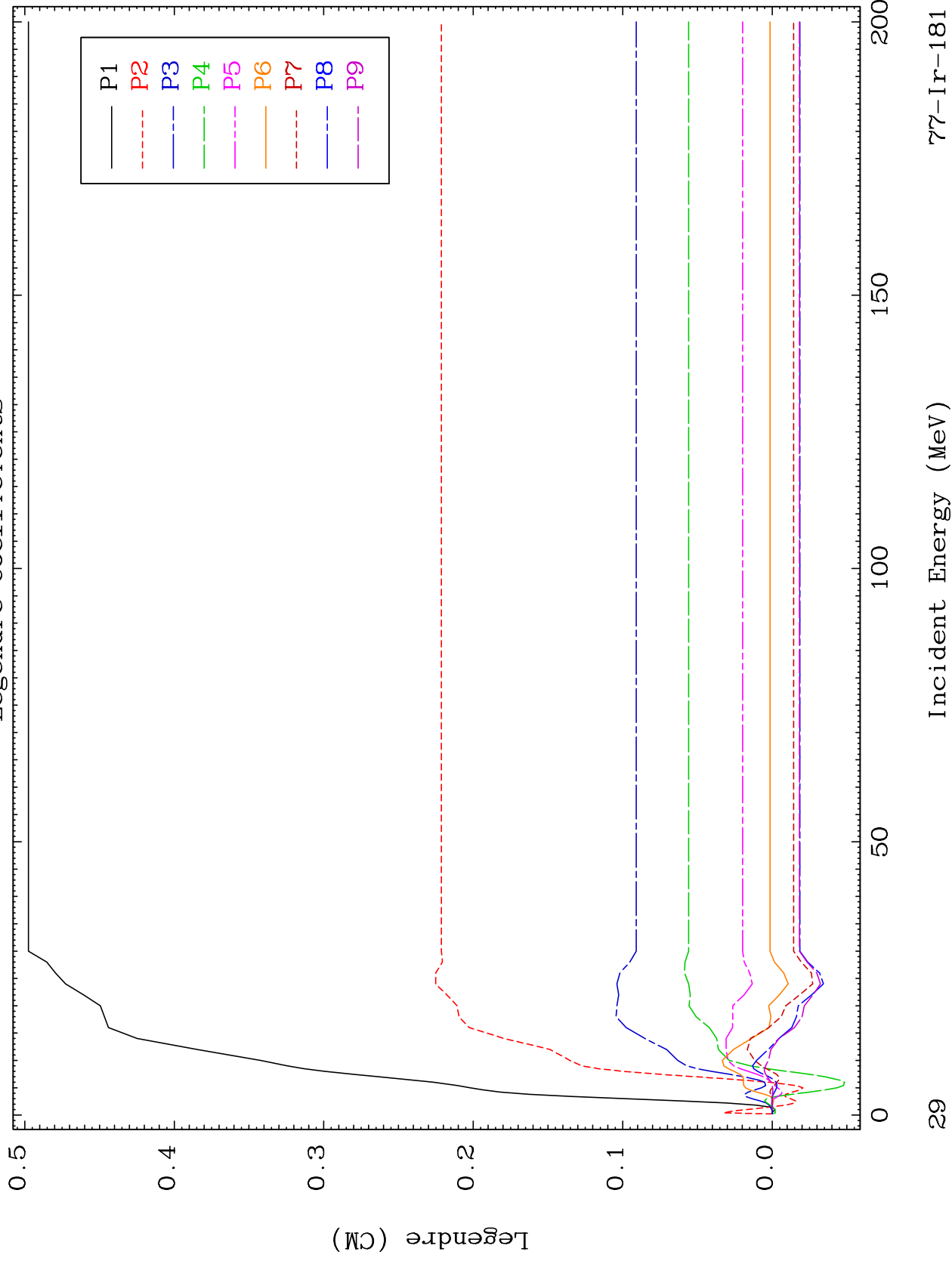
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 53 (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



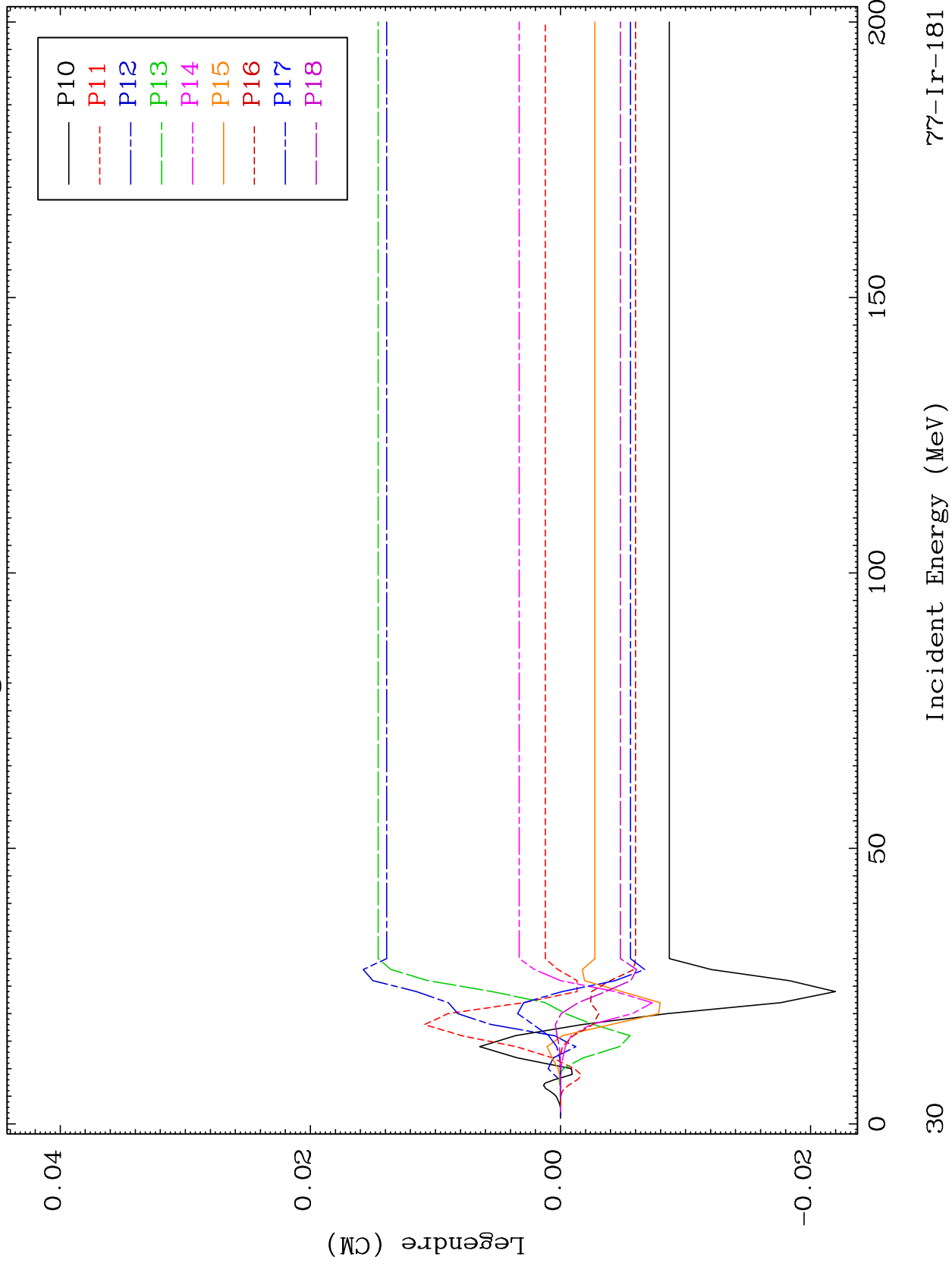
29

⁷⁷Ir-181

MAT 7695

MT= 53 (n,n') Level
Legendre Coefficients

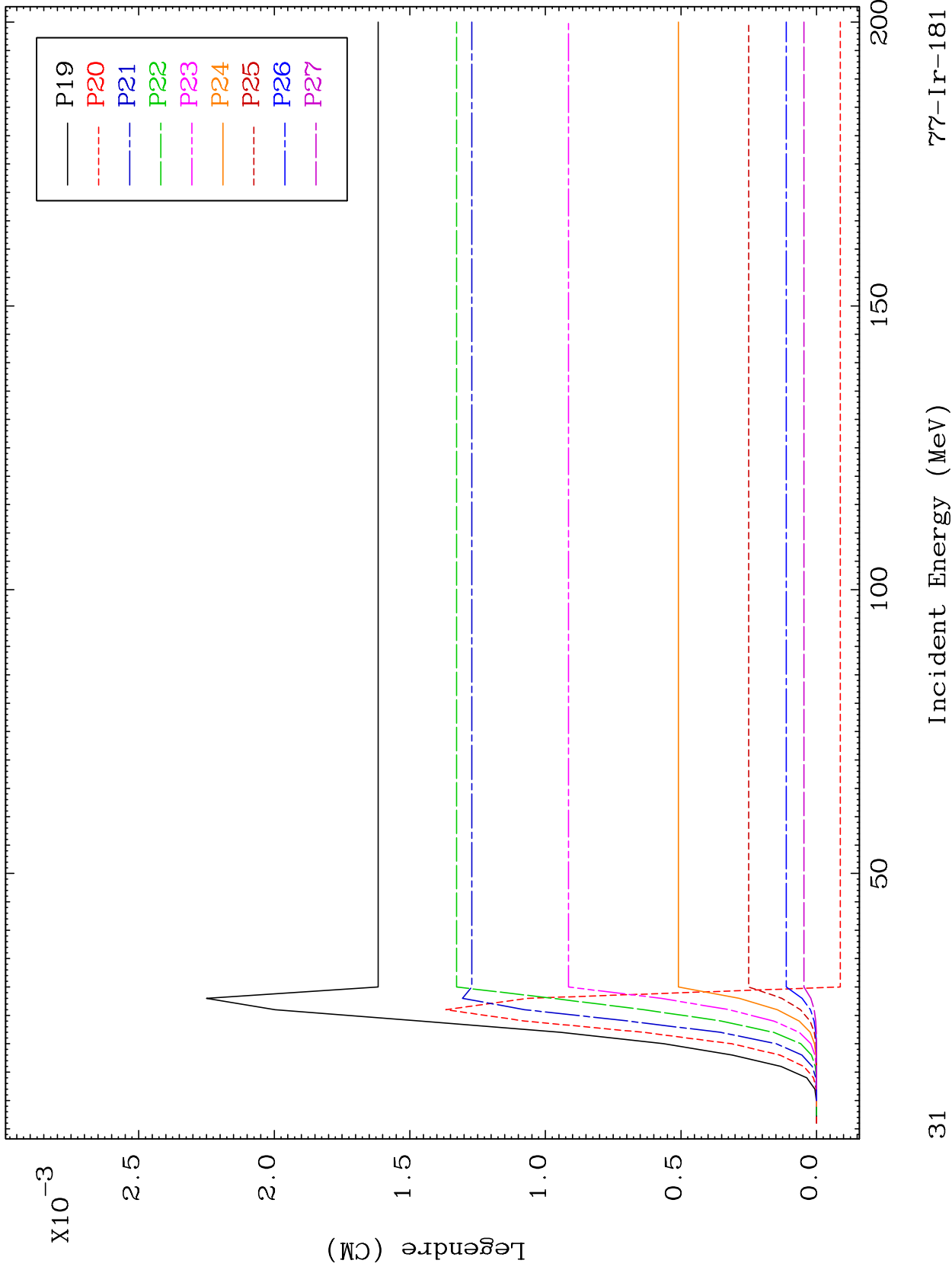
77-Ir-181



77-Ir-181

Incident Energy (MeV)

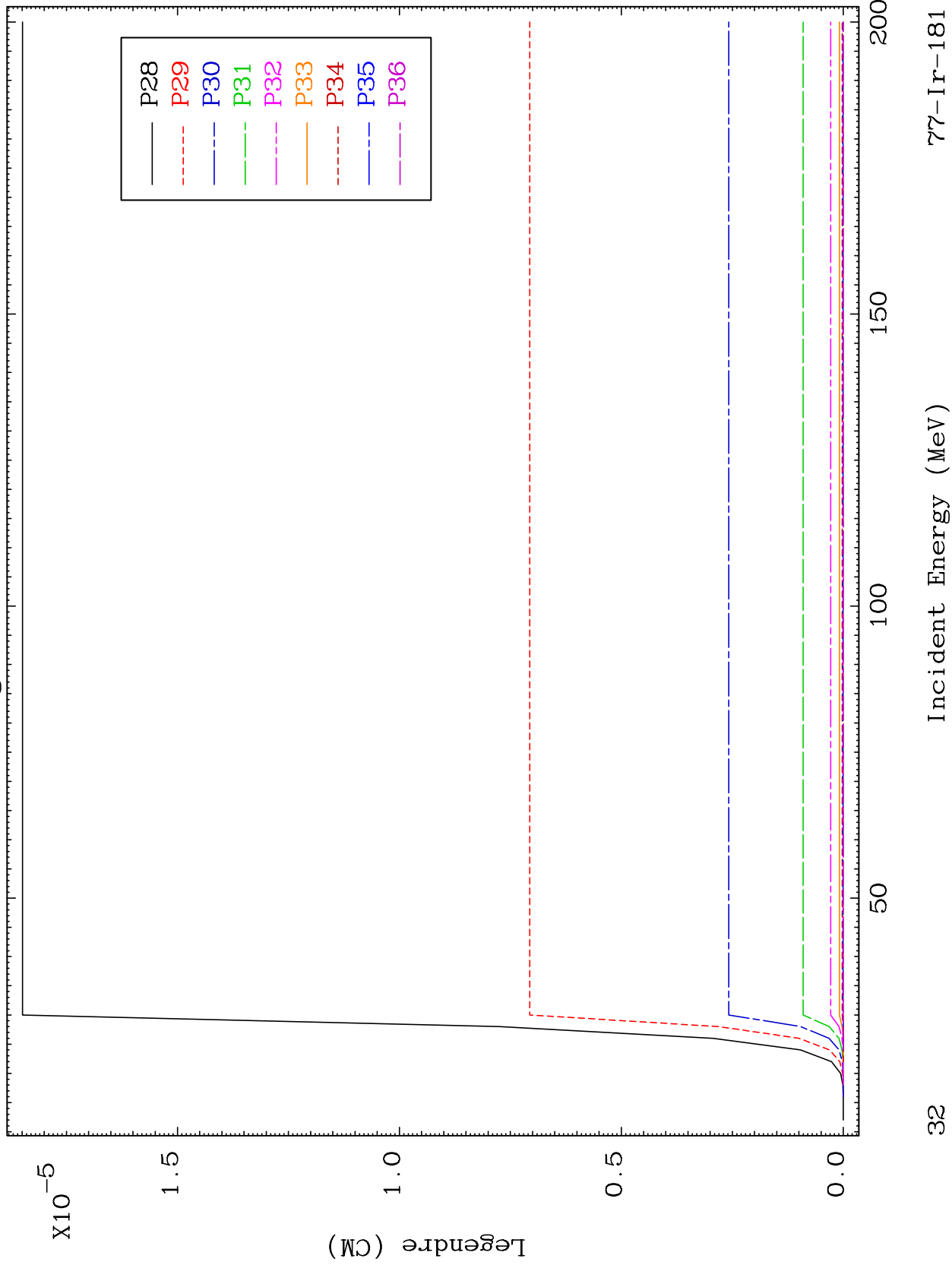
30



MAT 7695

MT= 53 (n,n') Level
Legendre Coefficients

77-Ir-181

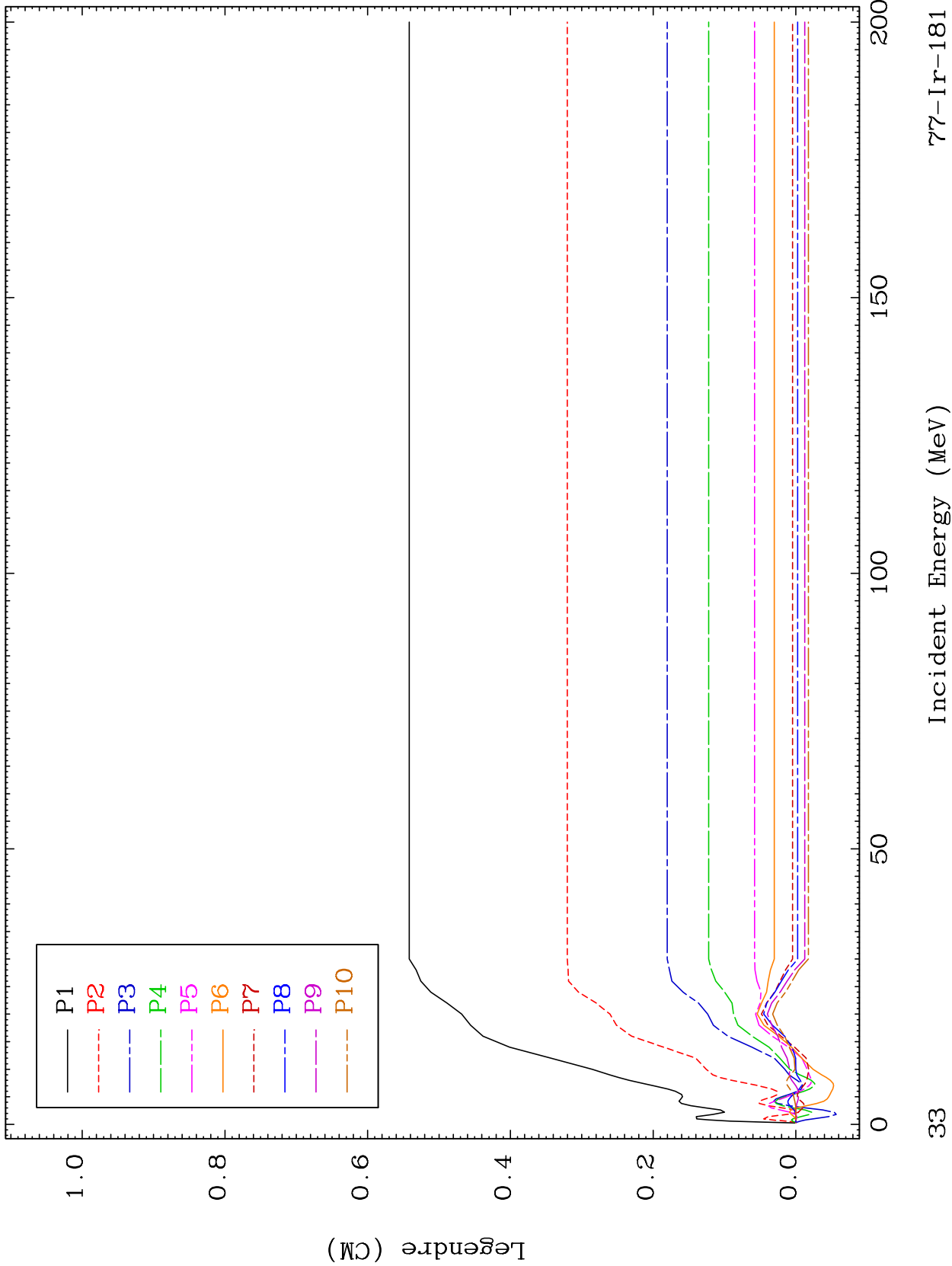


32

MAT 7695

MT= 54 (n,n') Level
Legendre Coefficients

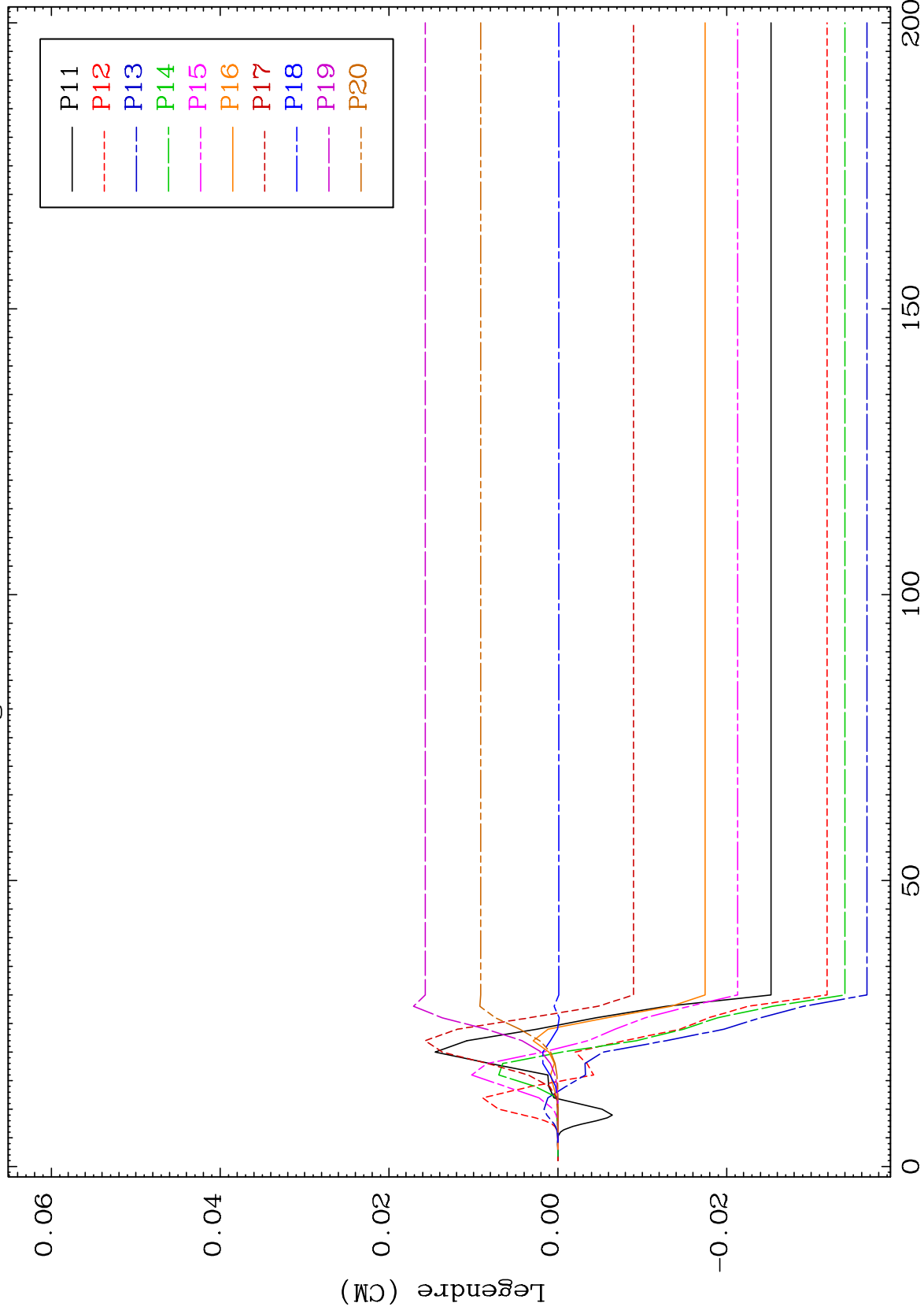
77-Ir-181



MAT 7695

MT= 54 (n,n') Level
Legendre Coefficients

77-Ir-181



34

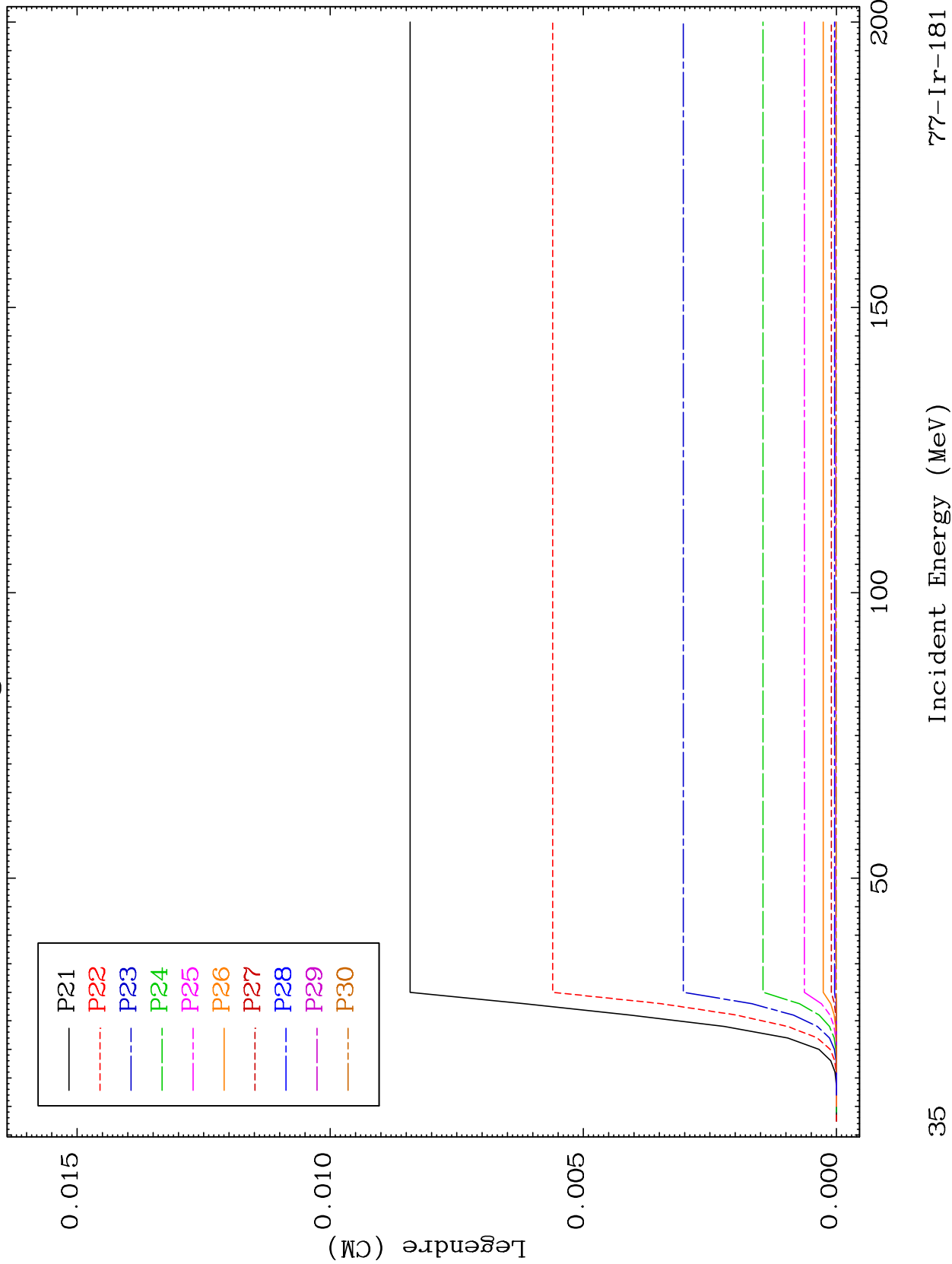
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 54 (n,n') Level
Legendre Coefficients

77-Ir-181



35

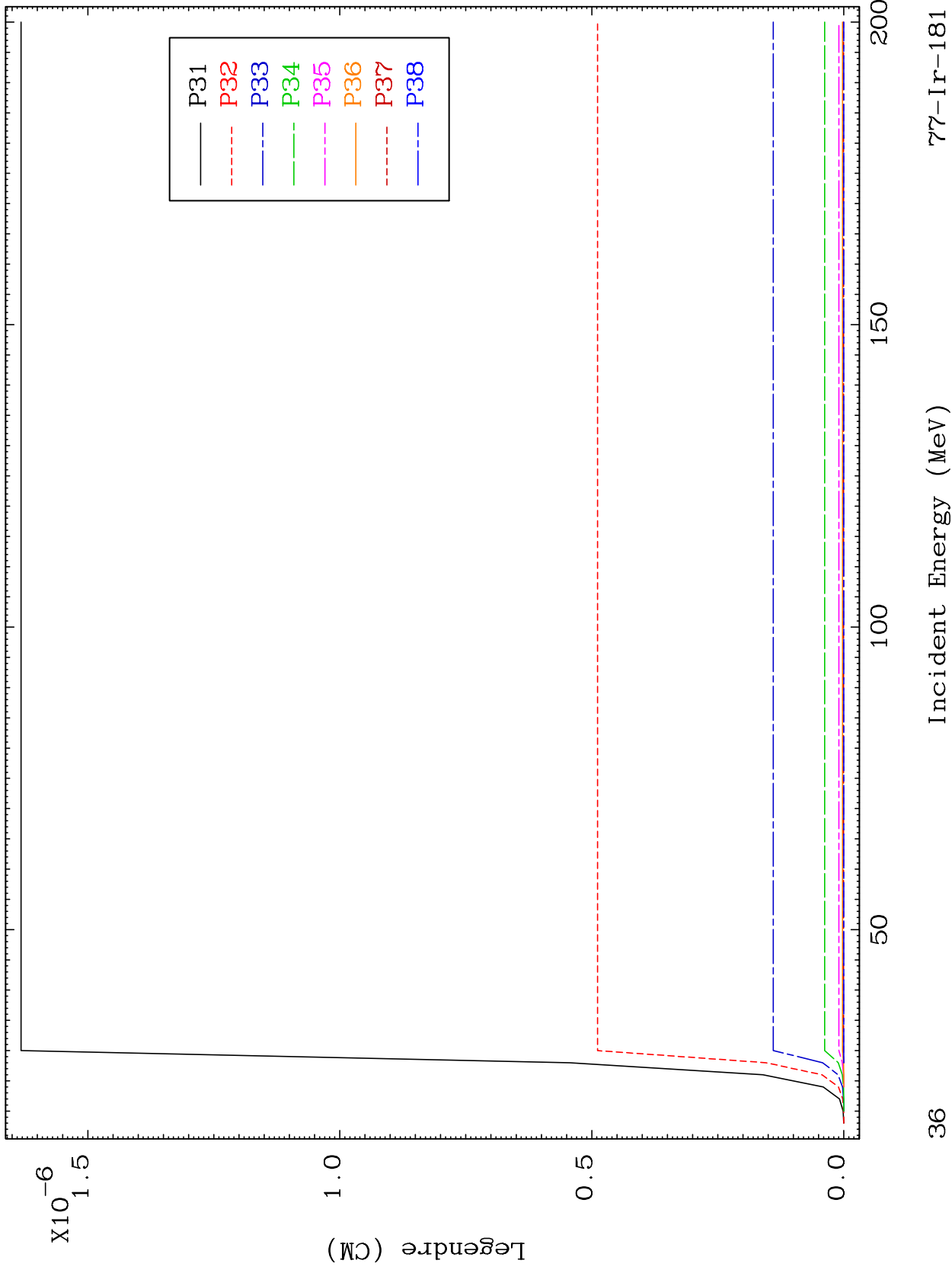
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 54 (n,n') Level
Legendre Coefficients

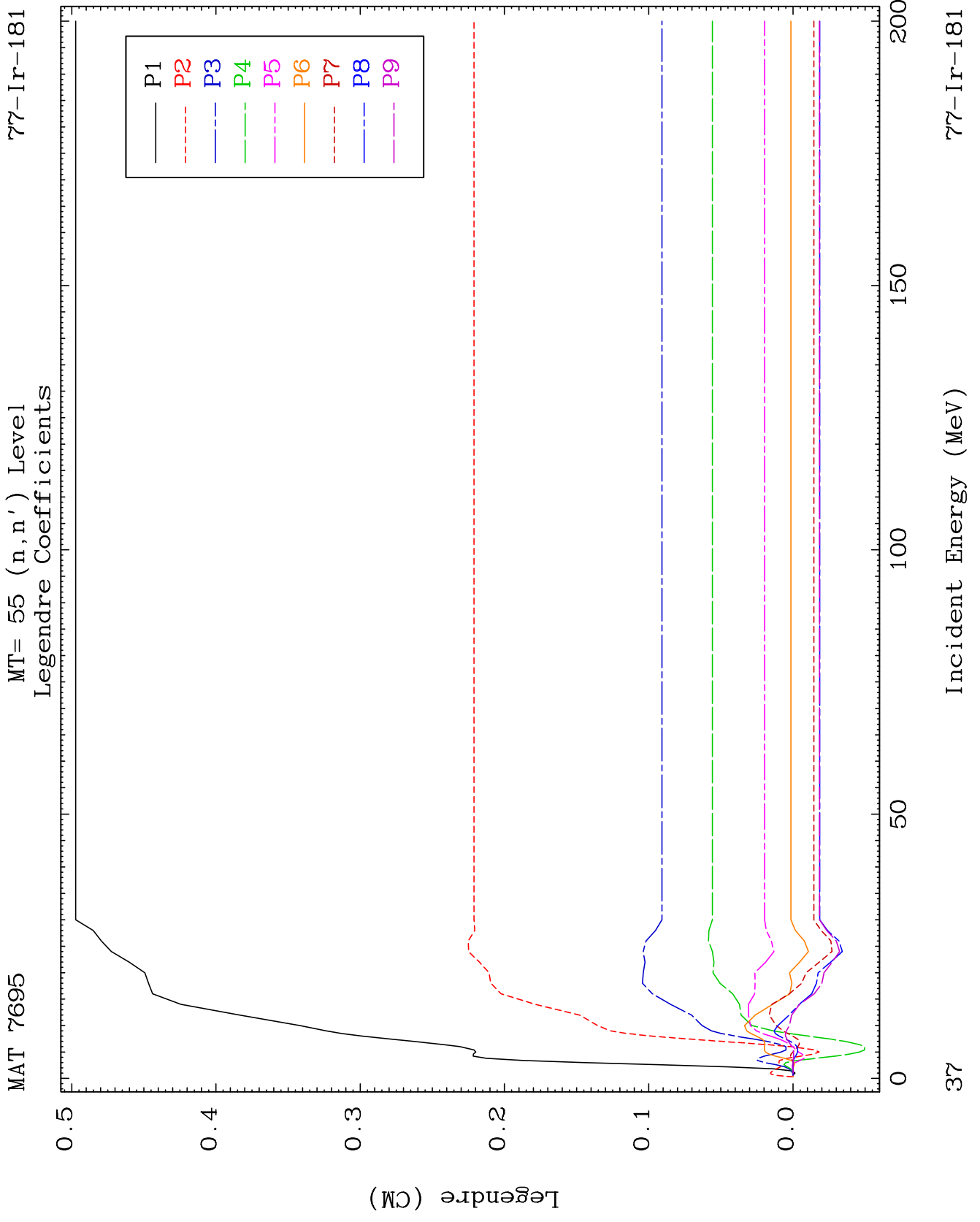
77-Ir-181



36

Incident Energy (MeV)

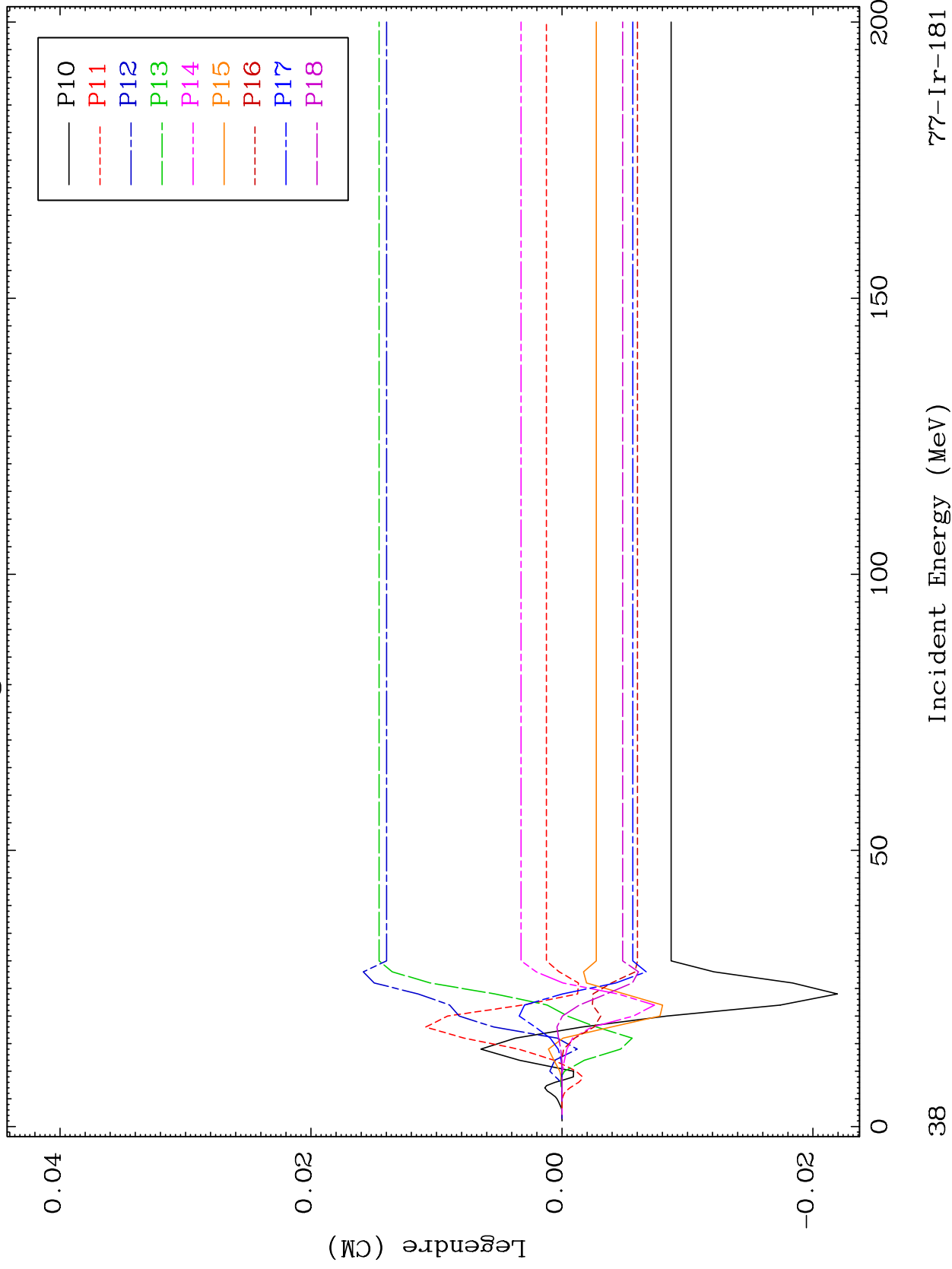
77-Ir-181



MAT 7695

MT= 55 (n,n') Level
Legendre Coefficients

77-Ir-181



38

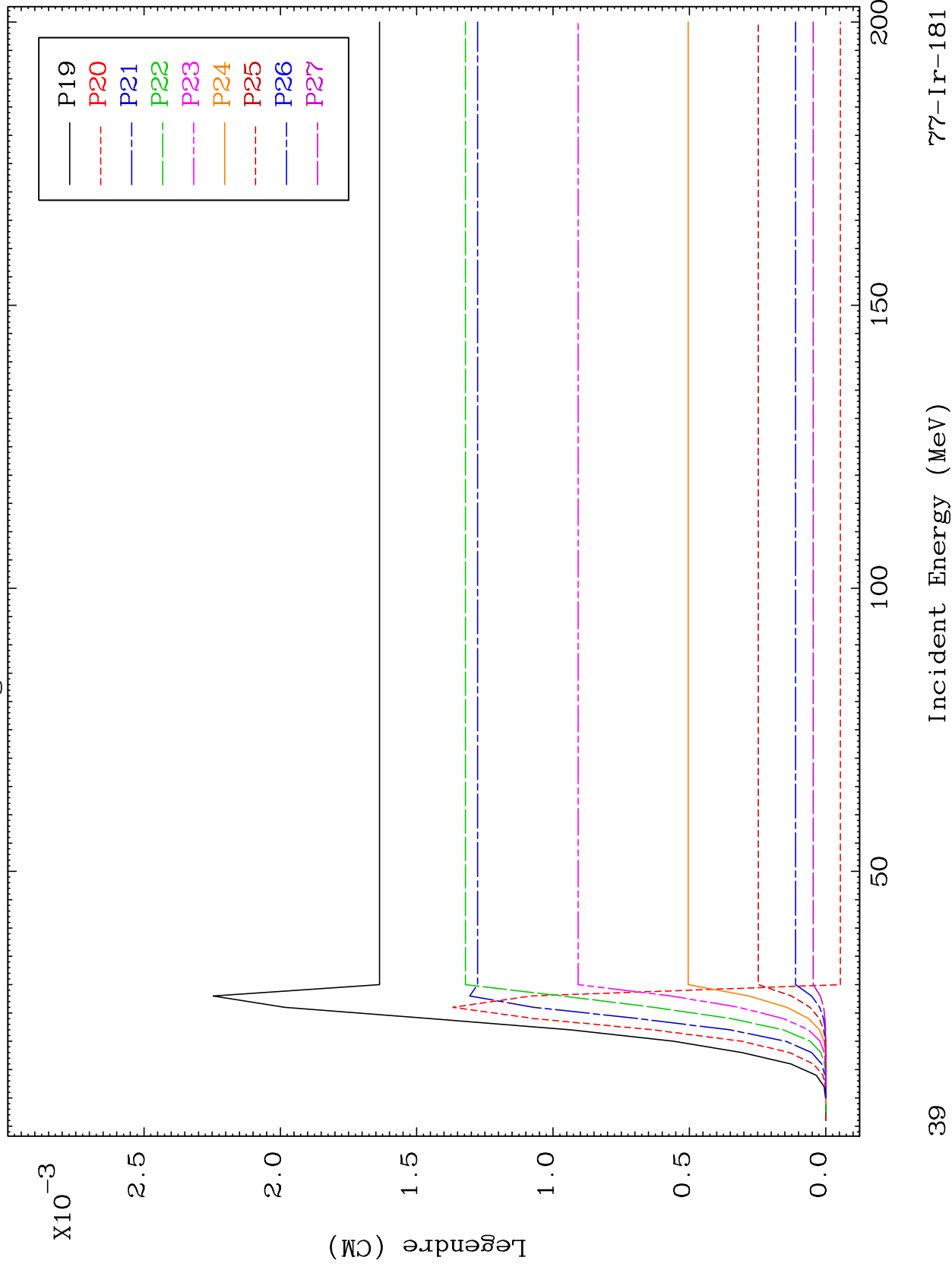
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 55 (n,n') Level
Legendre Coefficients

77-Ir-181



39

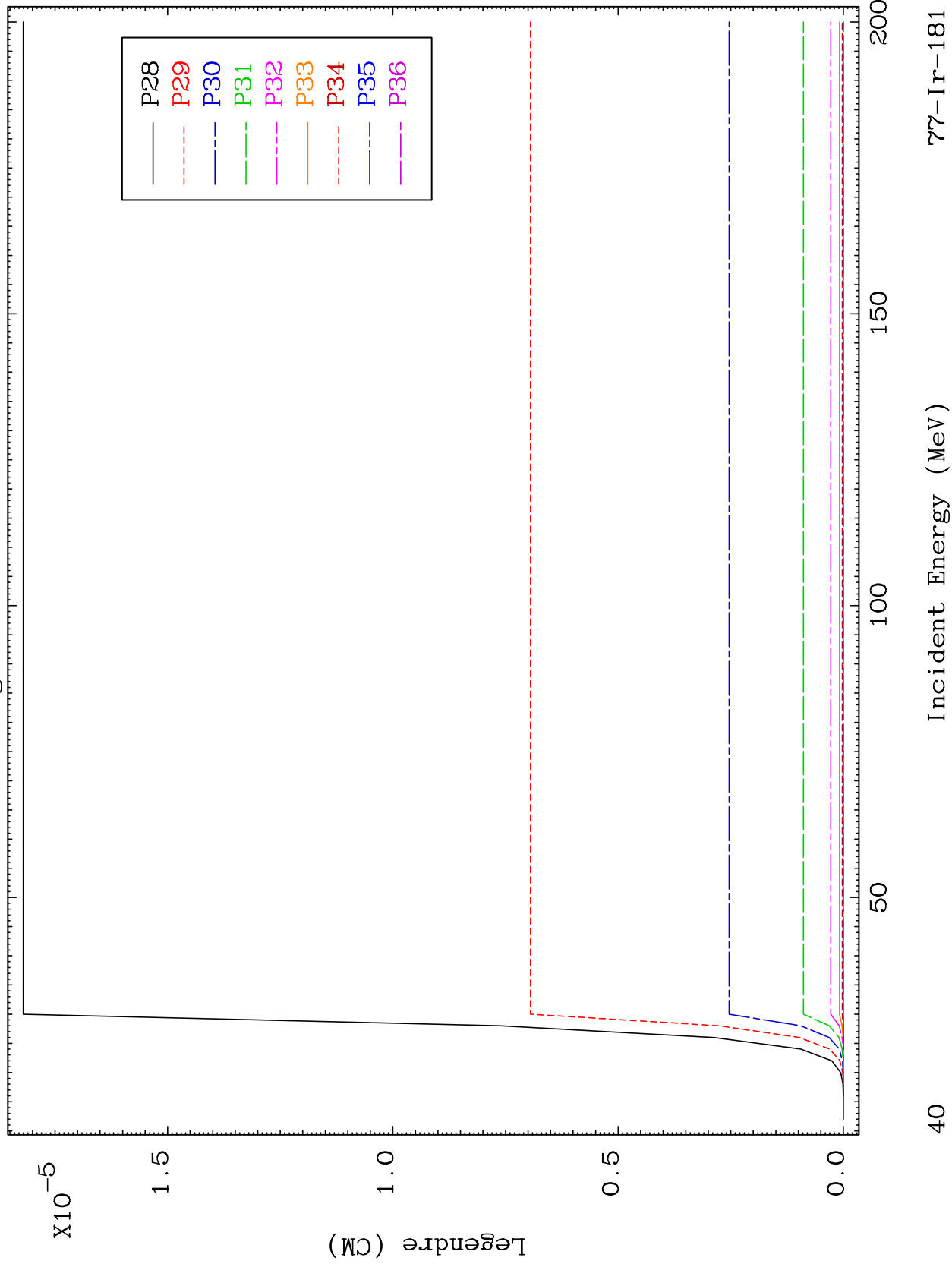
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 55 (n,n') Level
Legendre Coefficients

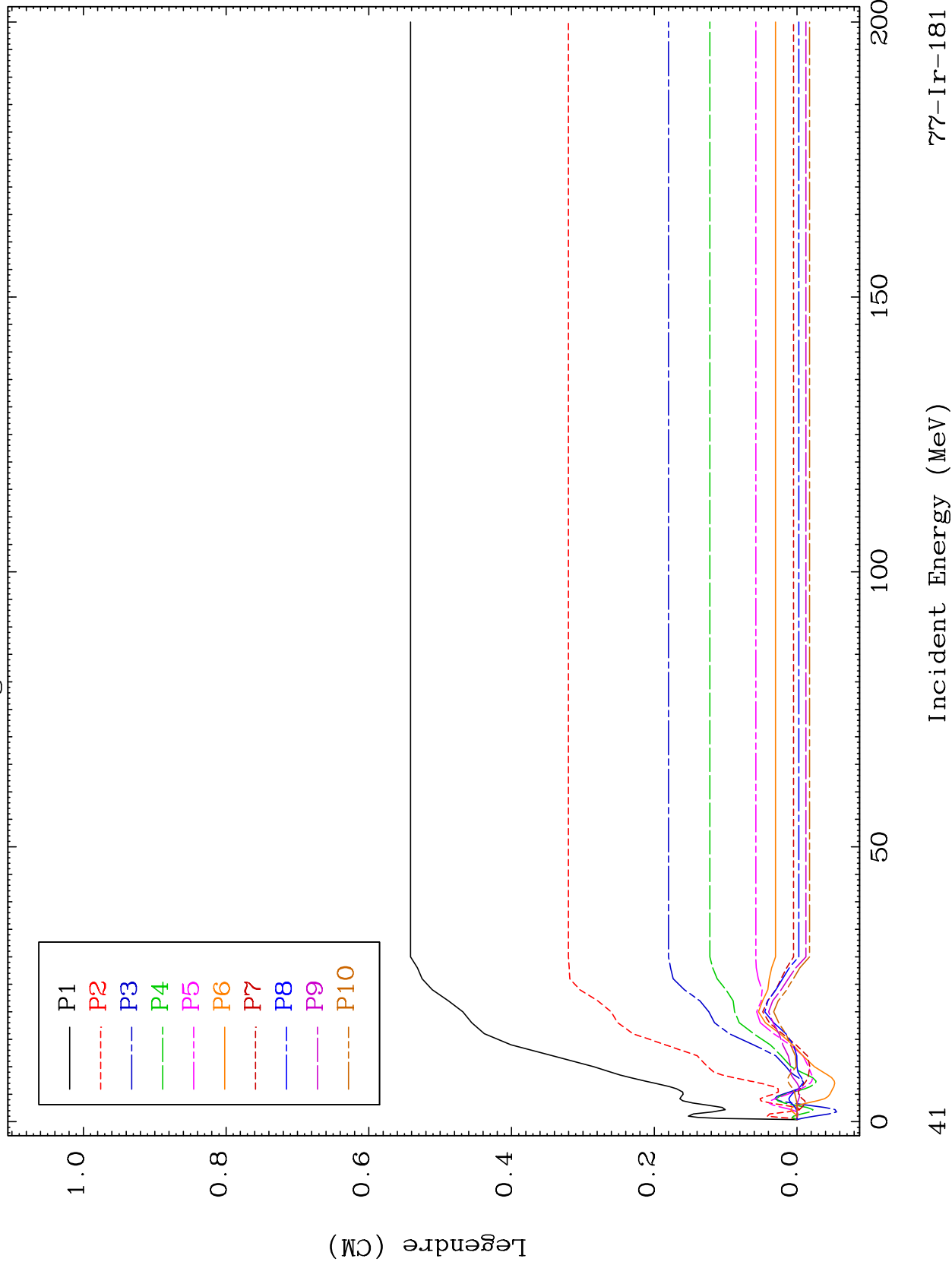
77-Ir-181



MAT 7695

MT= 56 (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



41

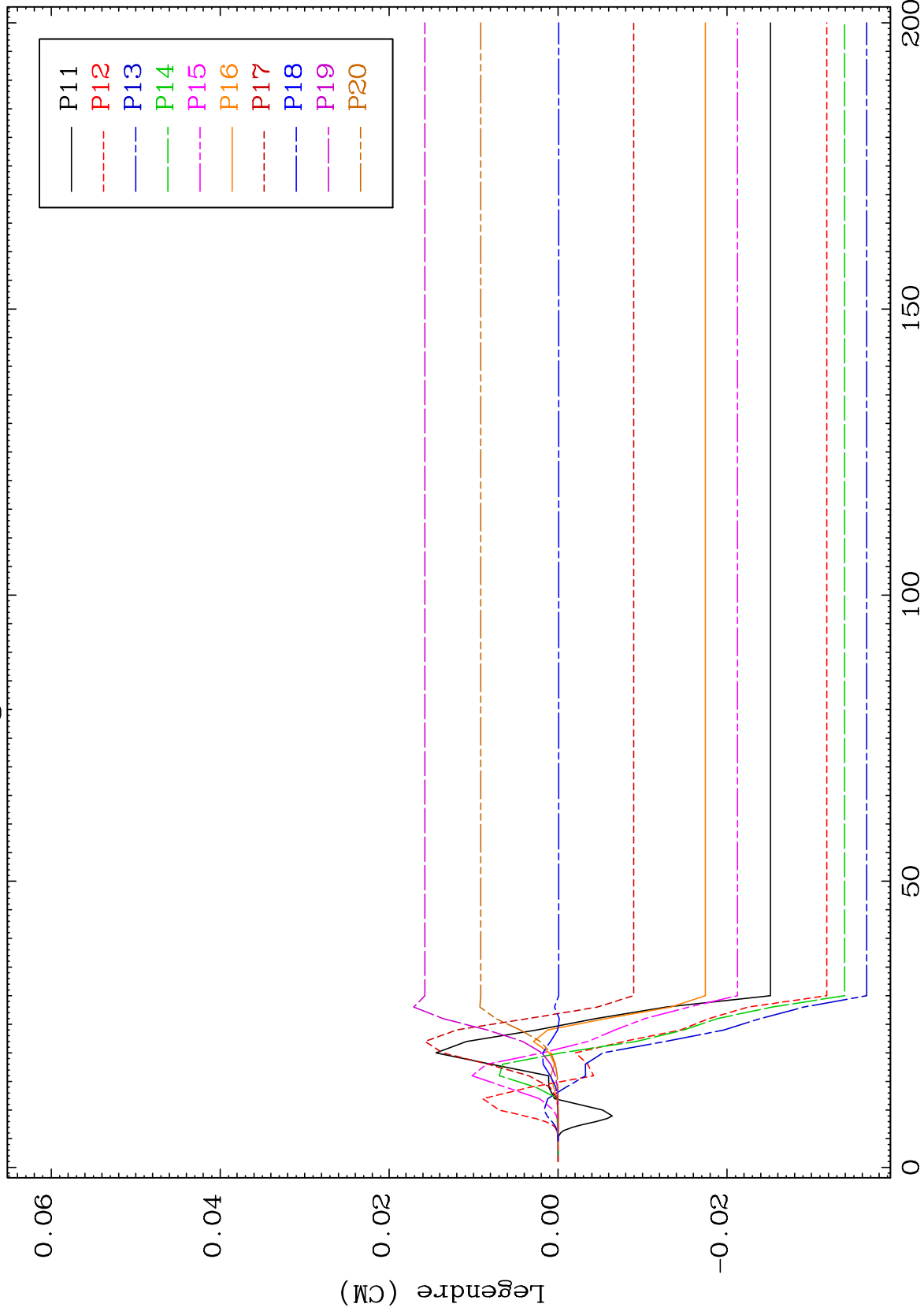
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

MT= 56 (n,n') Level
Legendre Coefficients

77-Ir-181



42

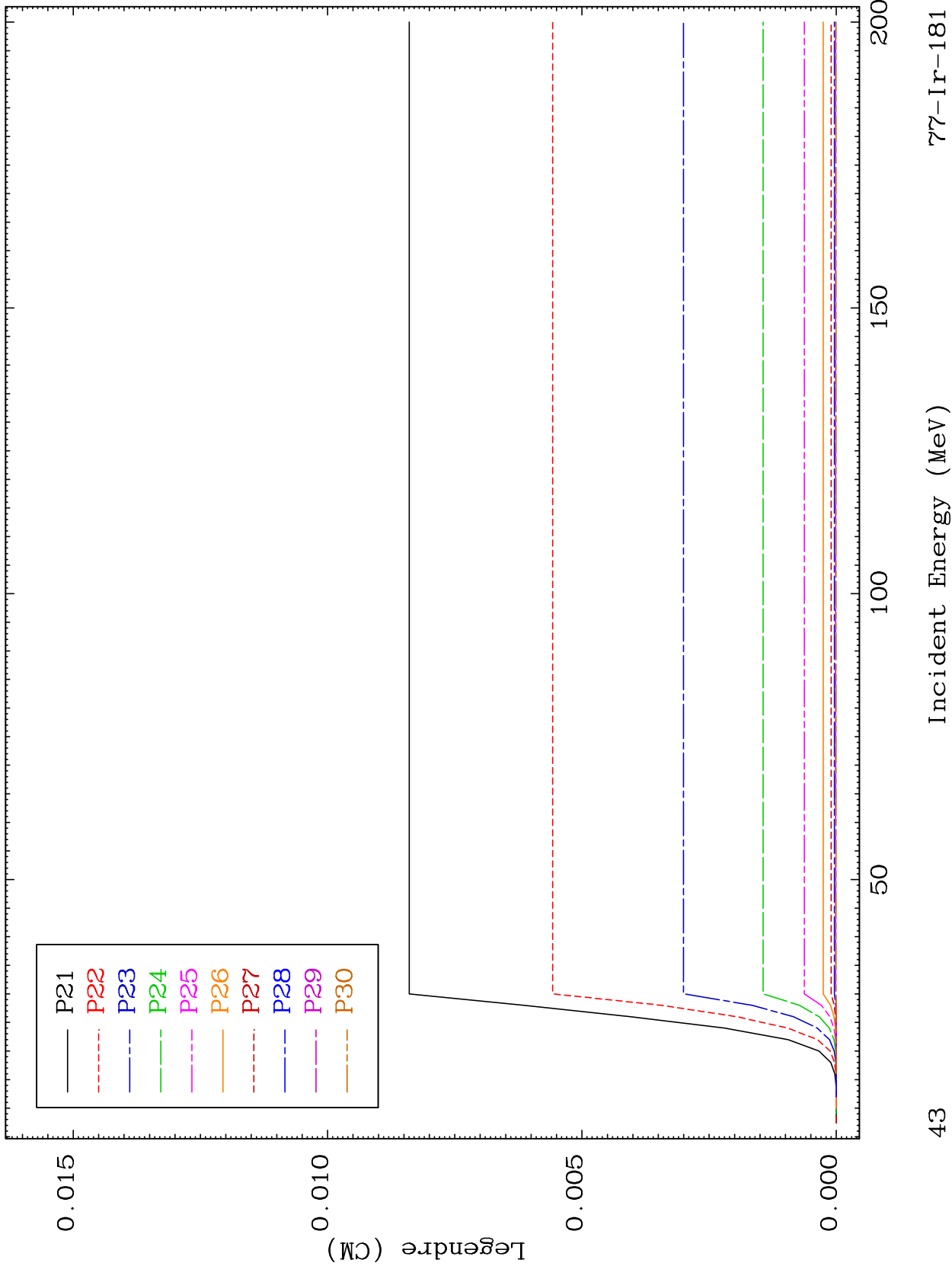
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 56 (n,n') Level
Legendre Coefficients

77-Ir-181



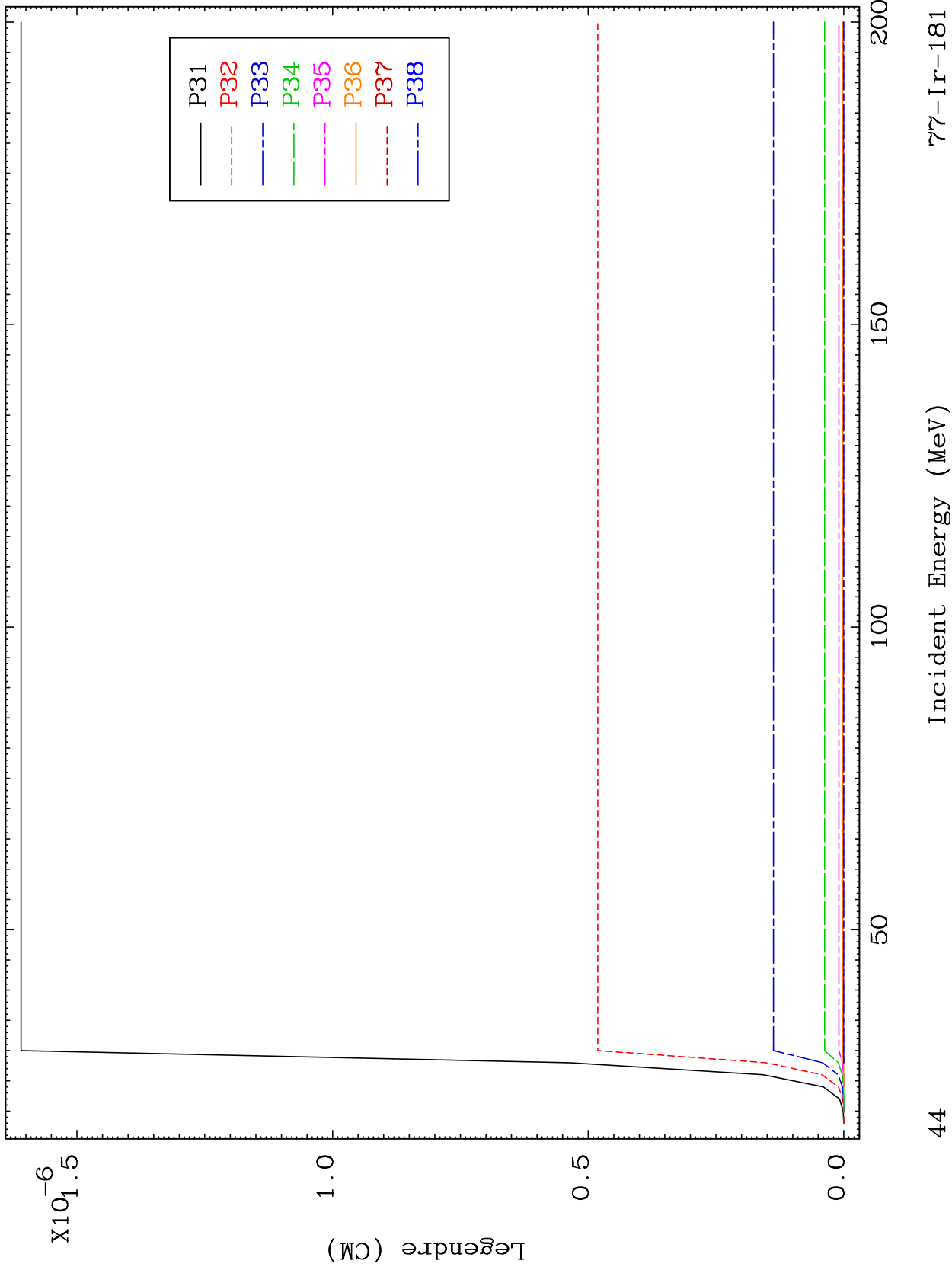
43

77-Ir-181

MAT 7695

MT= 56 (n,n') Level
Legendre Coefficients

77-Ir-181

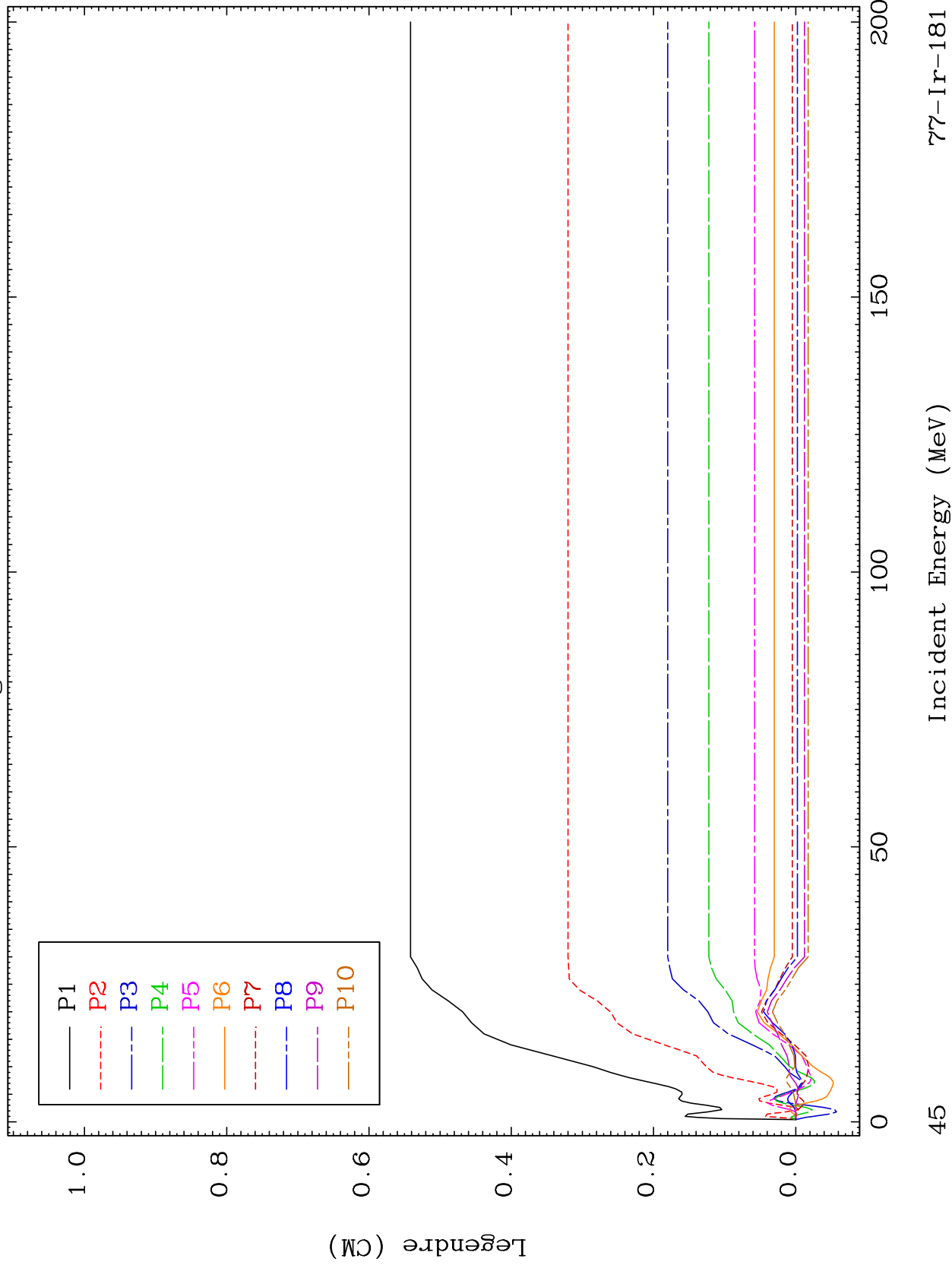


44

MAT 7695

MT= 57 (n,n') Level
Legendre Coefficients

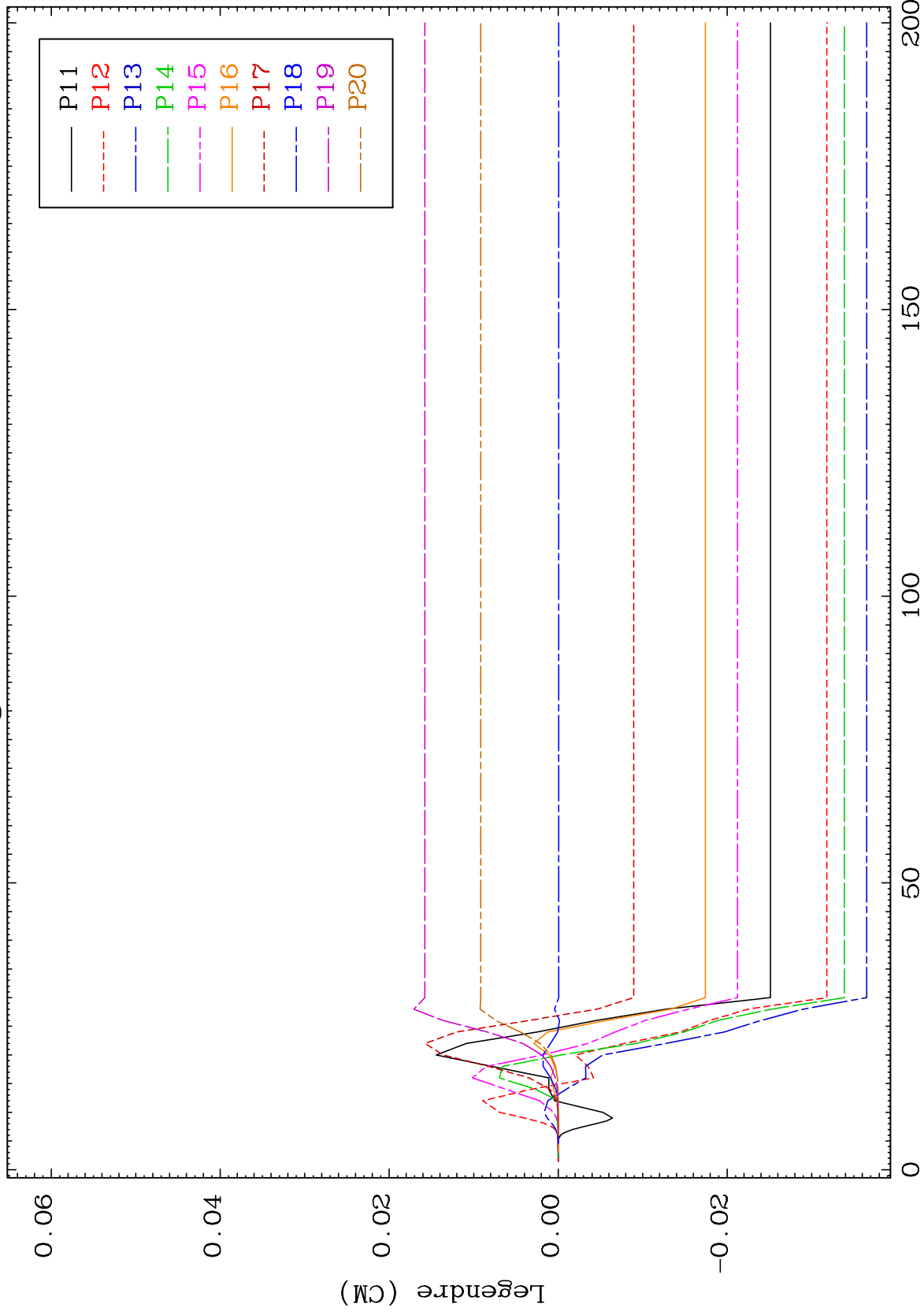
⁷⁷Ir-181



MAT 7695

MT= 57 (n,n') Level
Legendre Coefficients

77-Ir-181



46

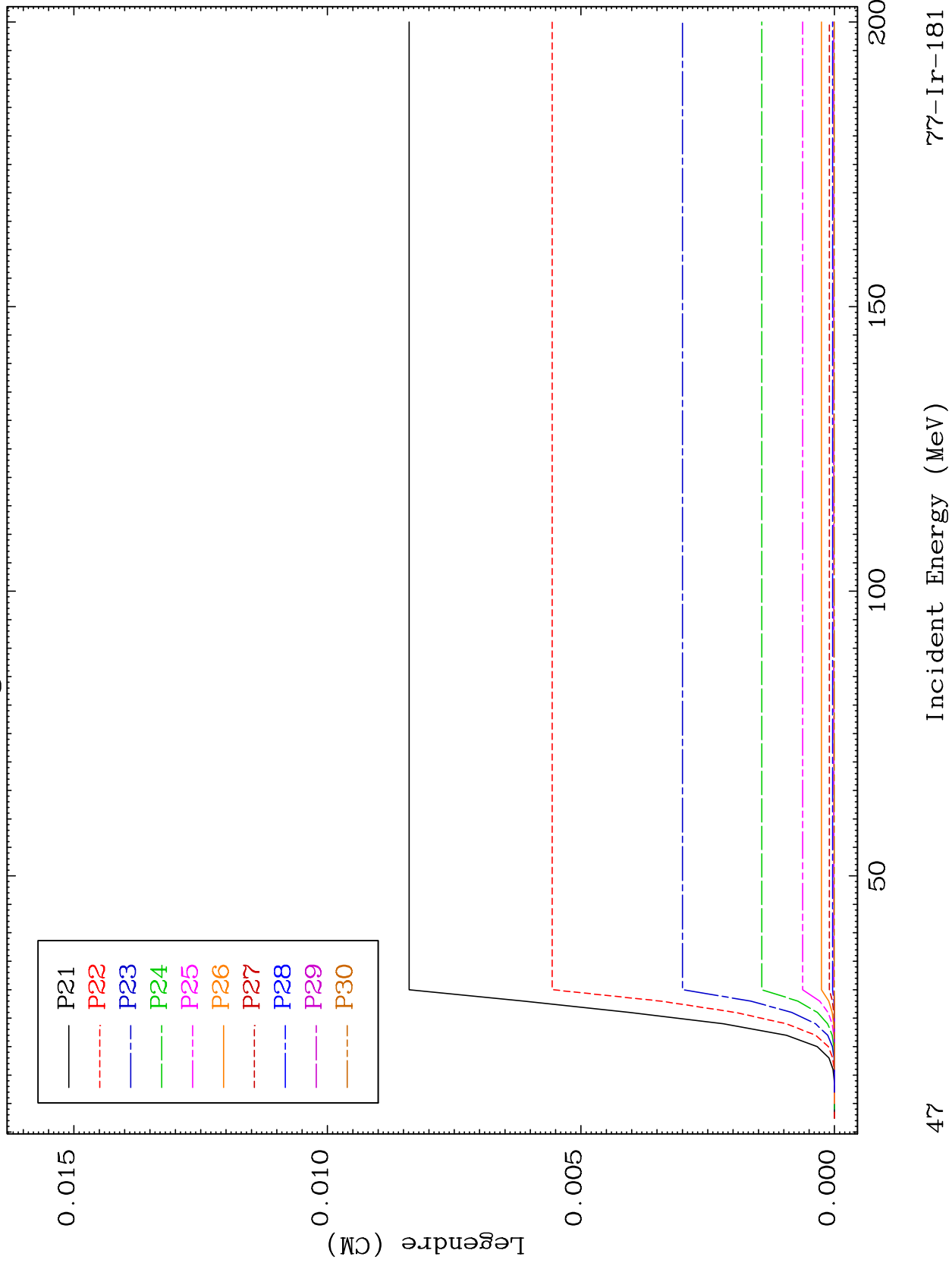
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 57 (n,n') Level
Legendre Coefficients

77-Ir-181



47

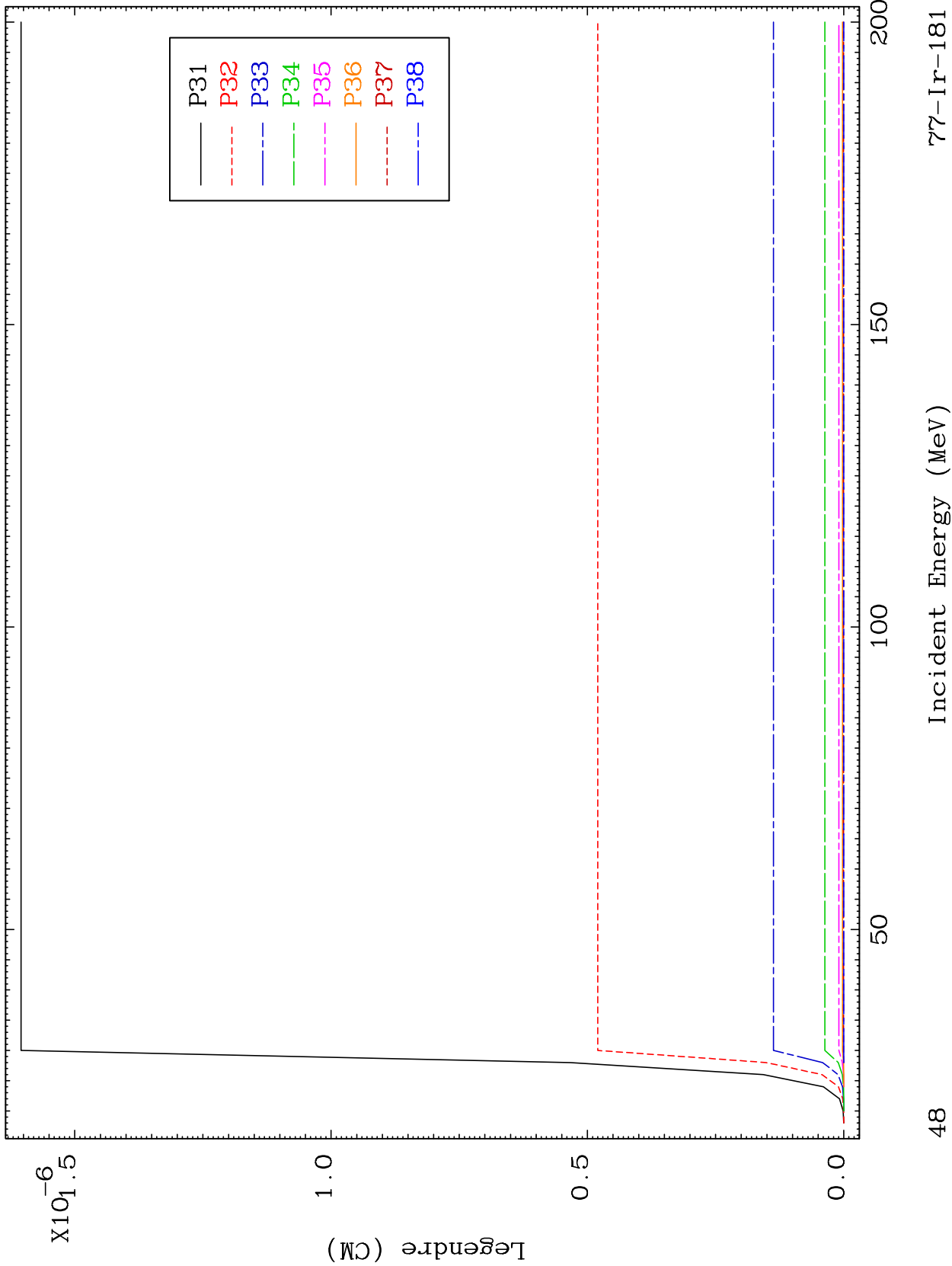
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 57 (n,n') Level
Legendre Coefficients

77-Ir-181



48

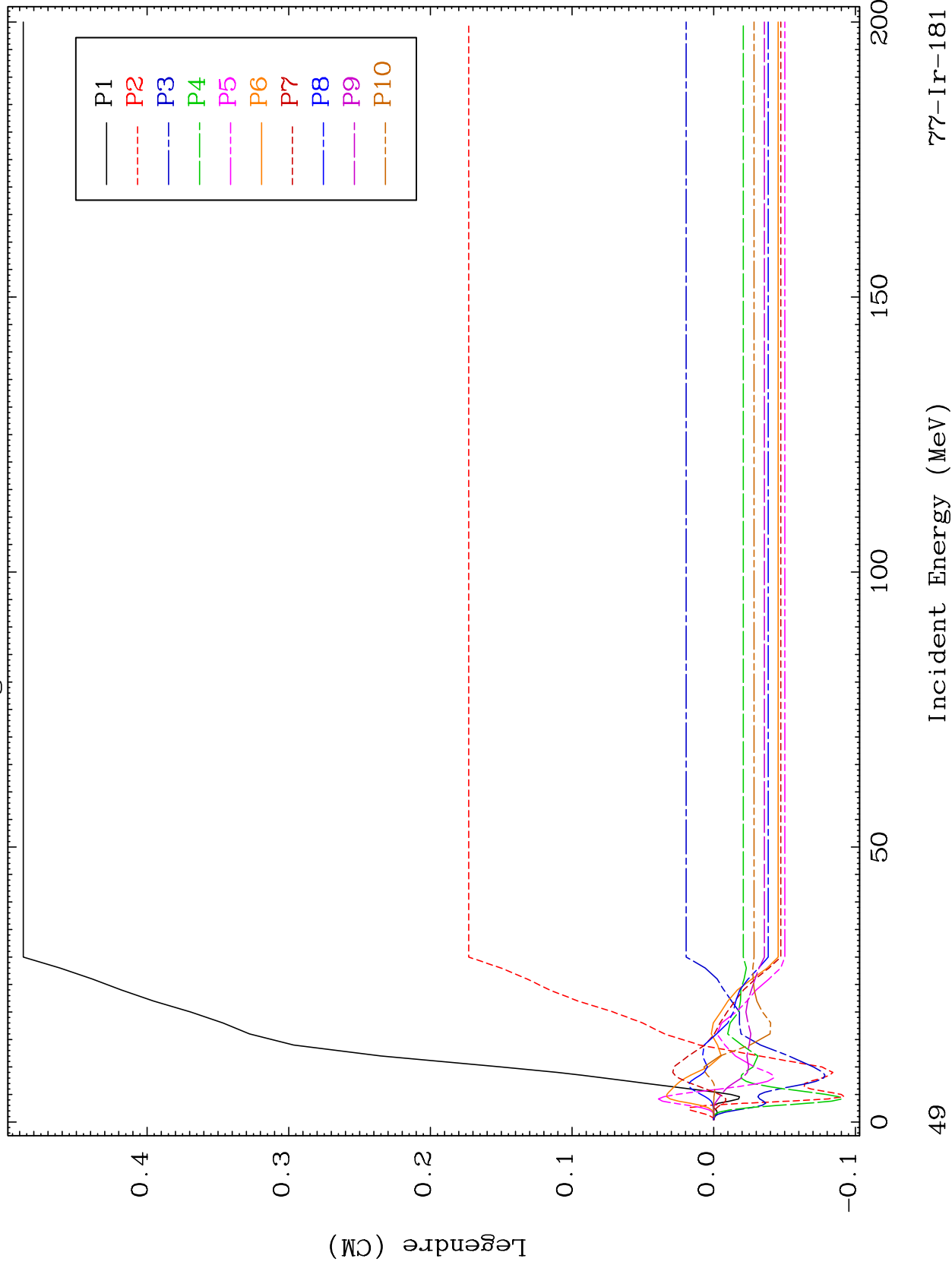
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 58 (n,n') Level
Legendre Coefficients

⁷⁷Ir-181



⁷⁷Ir-181

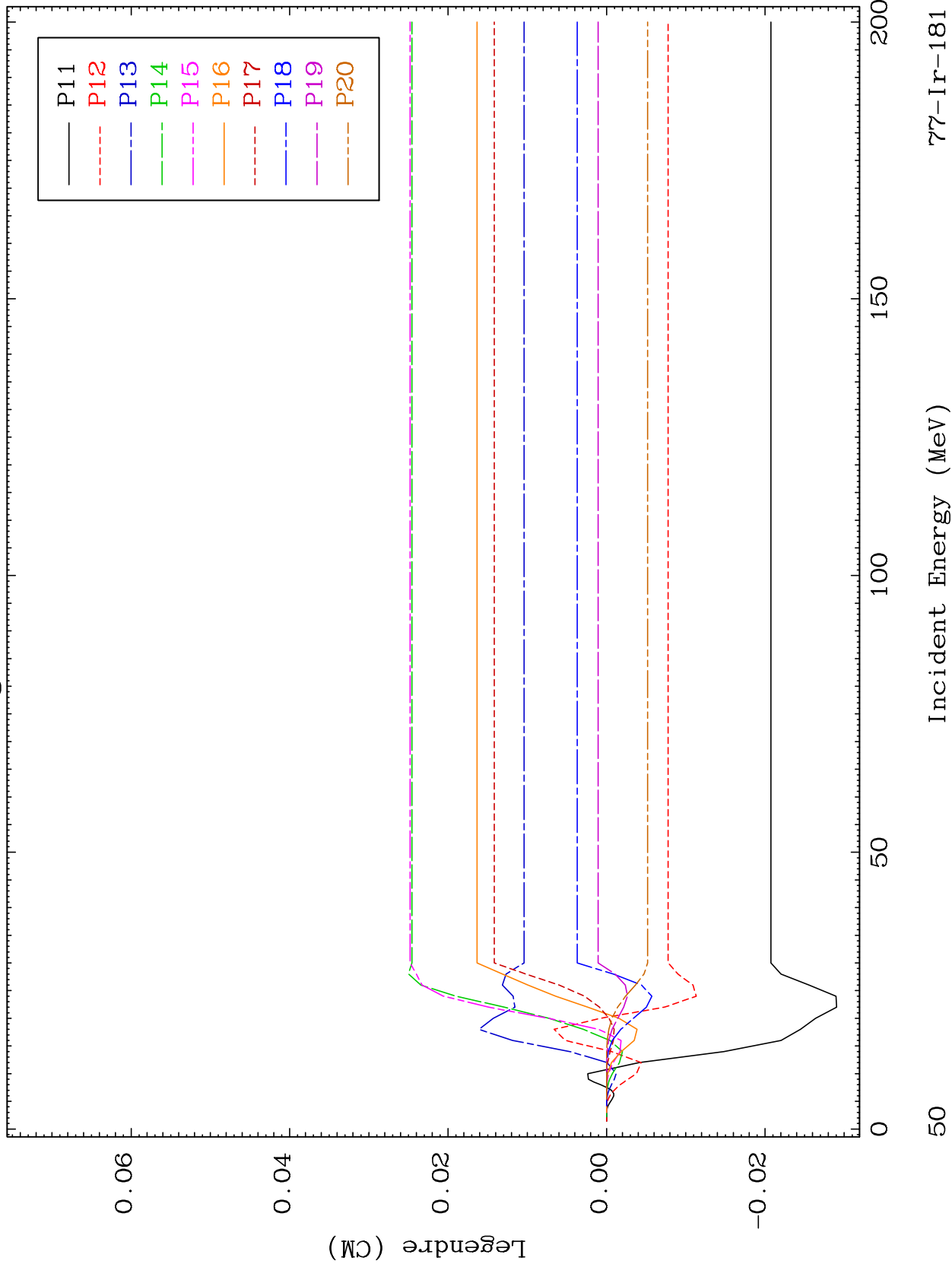
Incident Energy (MeV)

49

MAT 7695

MT= 58 (n,n') Level
Legendre Coefficients

77-Ir-181



77-Ir-181

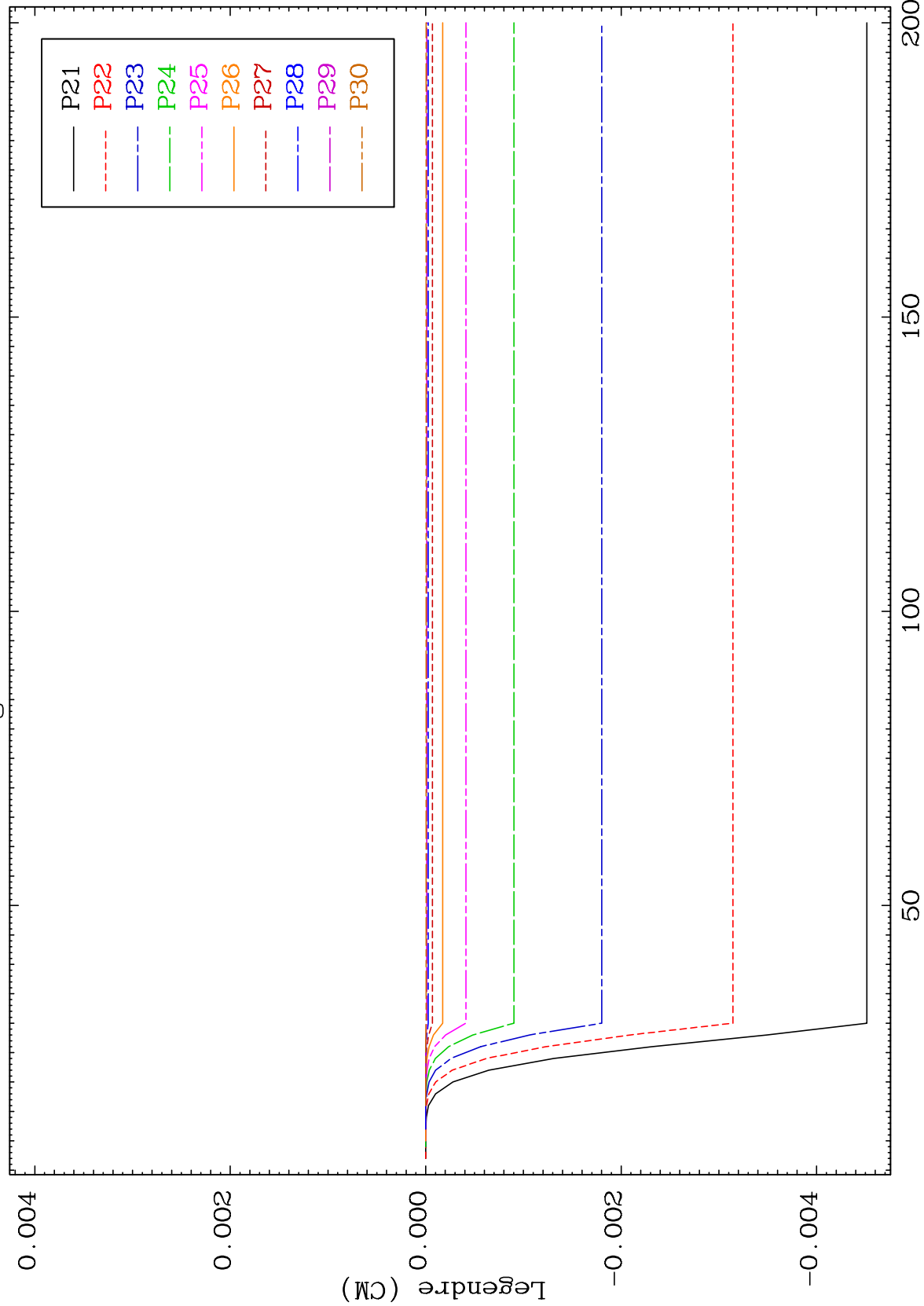
Incident Energy (MeV)

50

MAT 7695

MT= 58 (n,n') Level
Legendre Coefficients

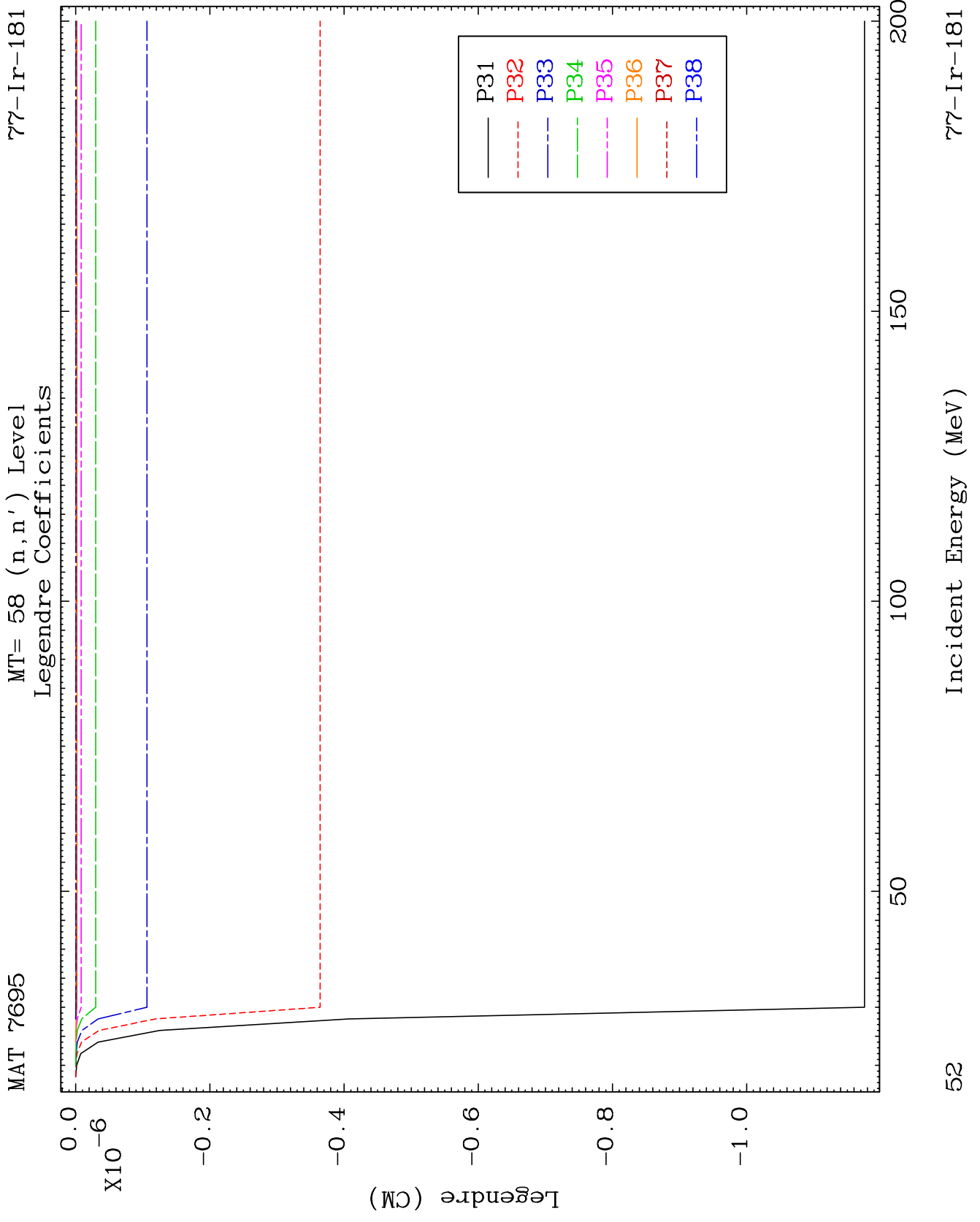
77-Ir-181



51

Incident Energy (MeV)

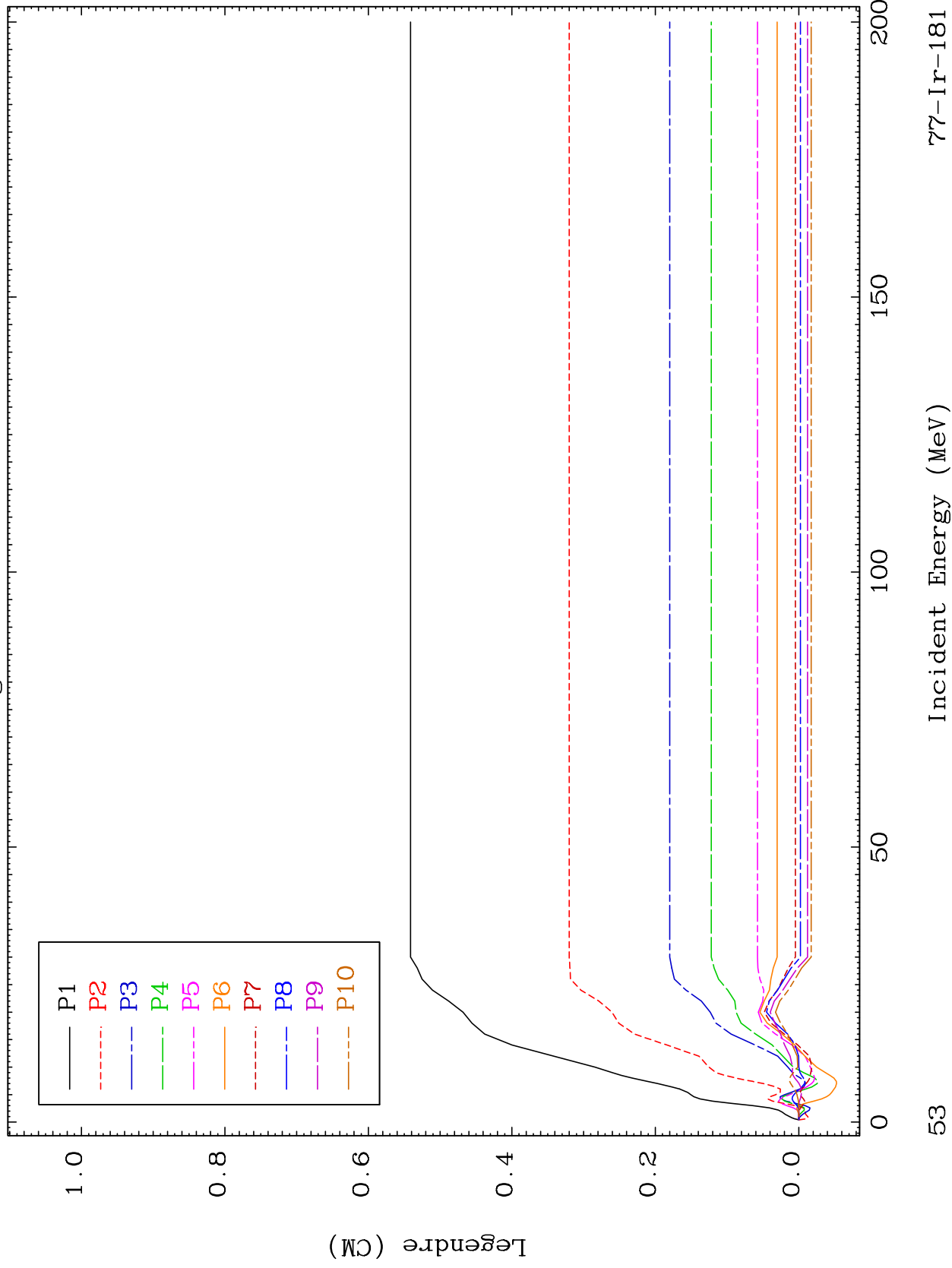
77-Ir-181



MAT 7695

MT= 59 (n,n') Level
Legendre Coefficients

77-Ir-181



53

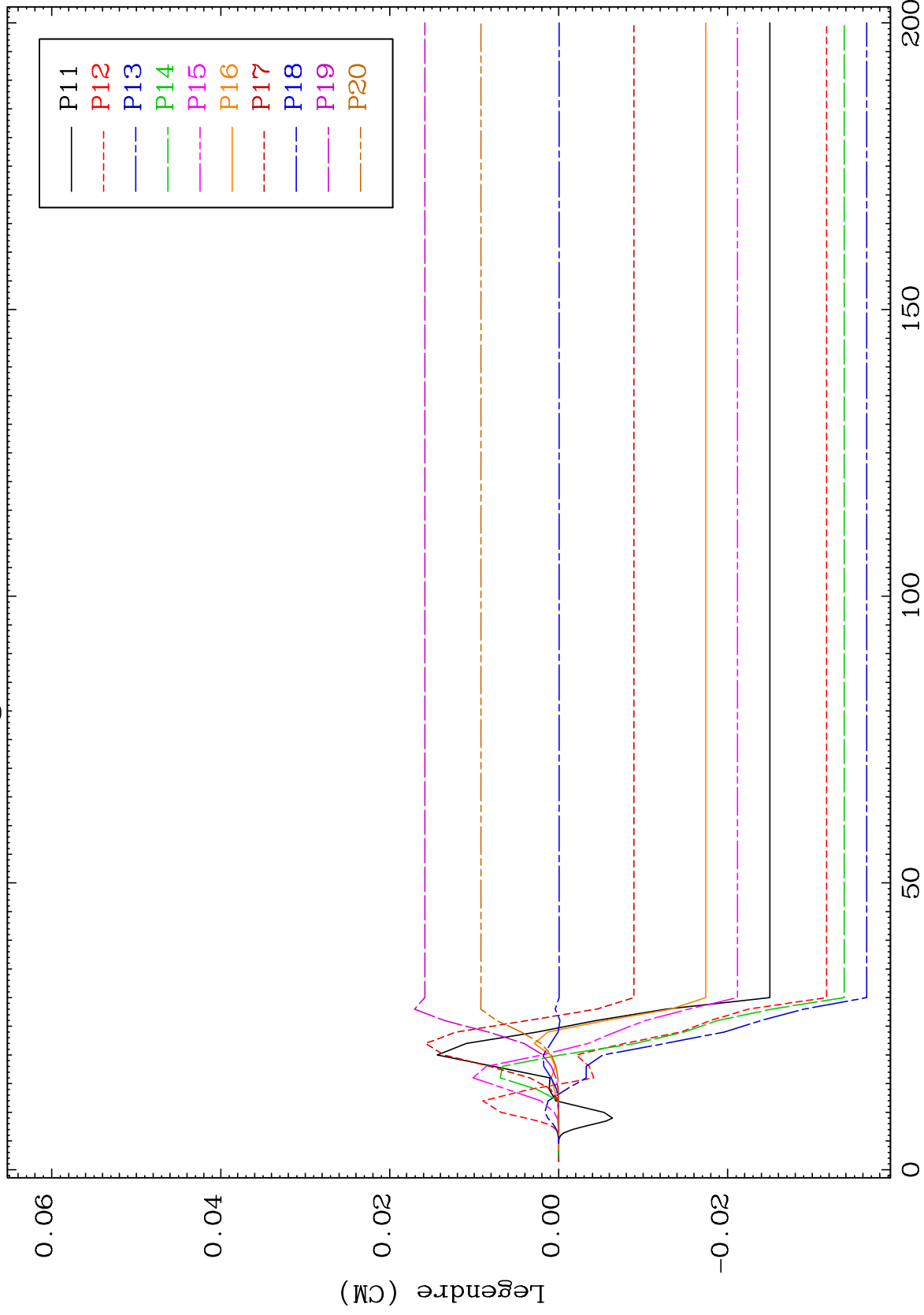
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 59 (n,n') Level
Legendre Coefficients

77-Ir-181



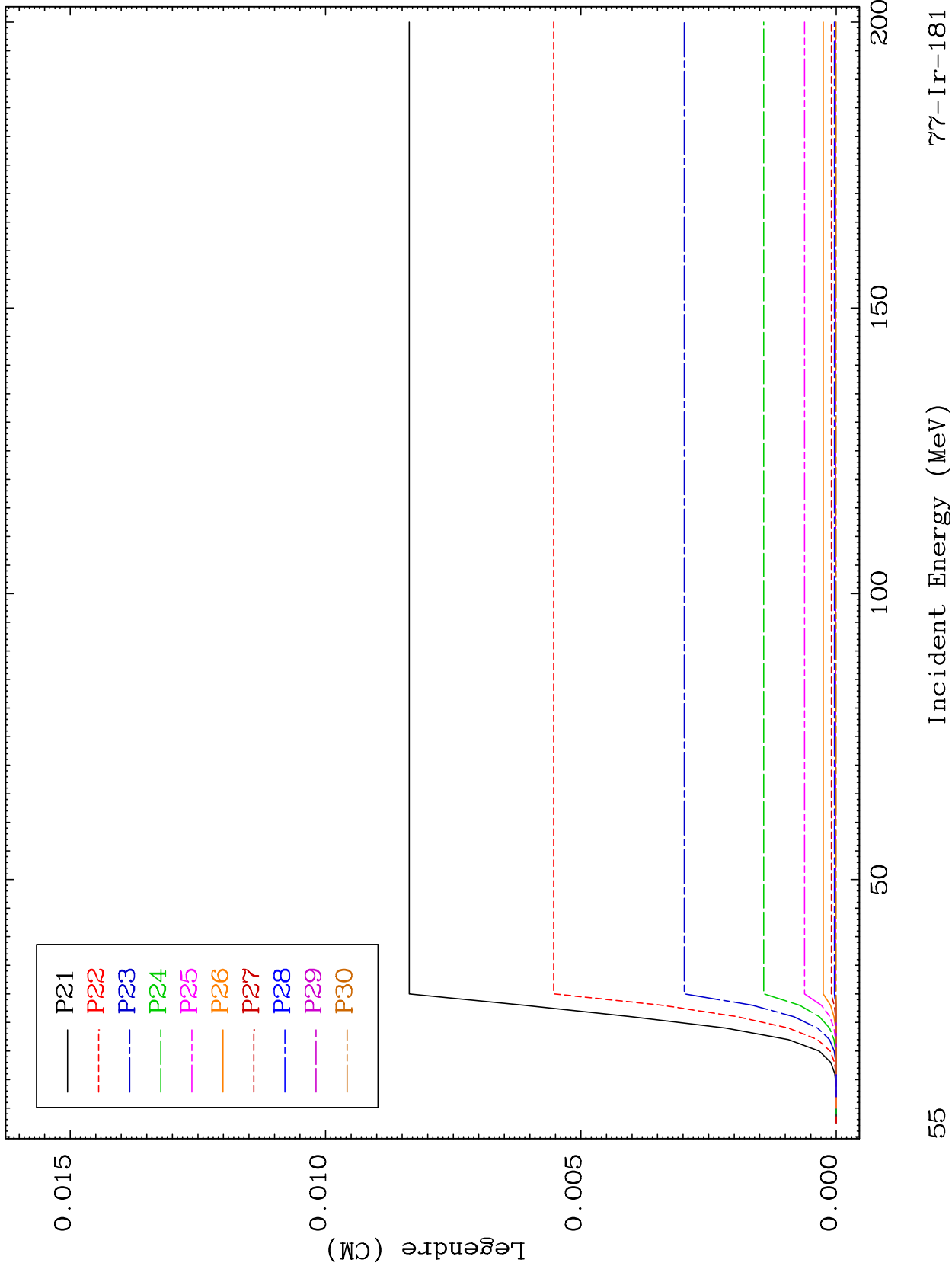
54

77-Ir-181

MAT 7695

MT= 59 (n,n') Level
Legendre Coefficients

77-Ir-181



55

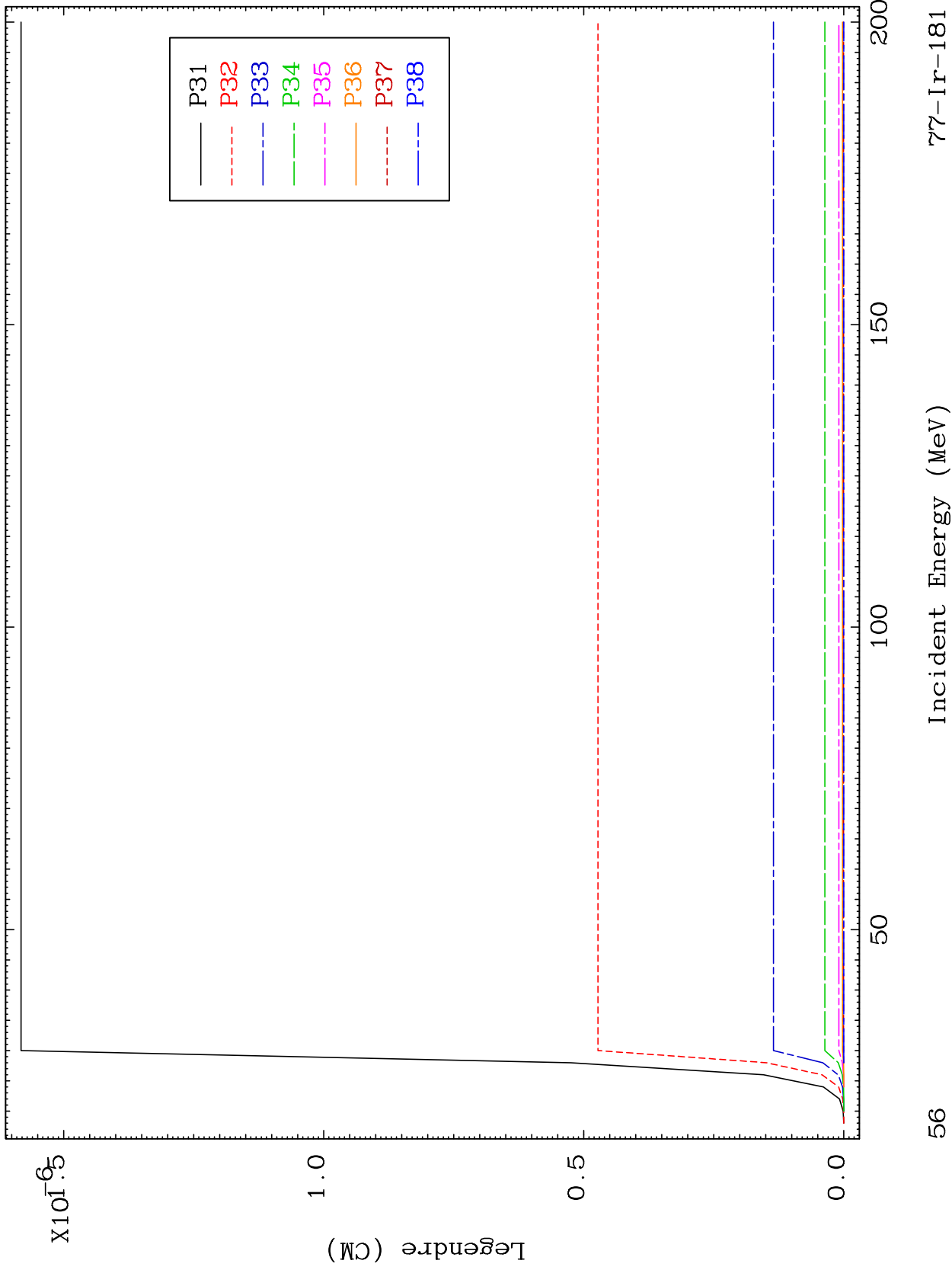
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 59 (n,n') Level
Legendre Coefficients

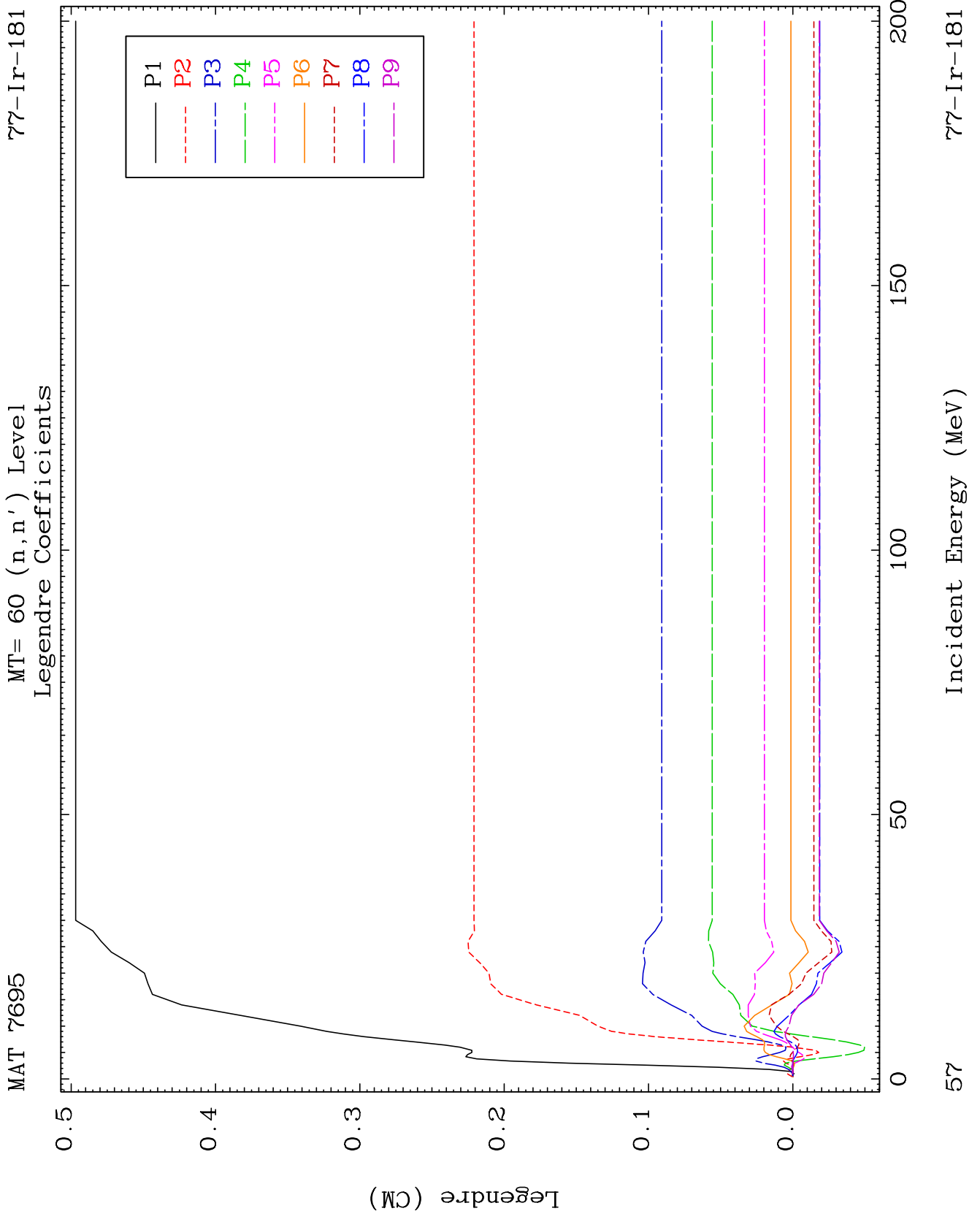
77-Ir-181



56

Incident Energy (MeV)

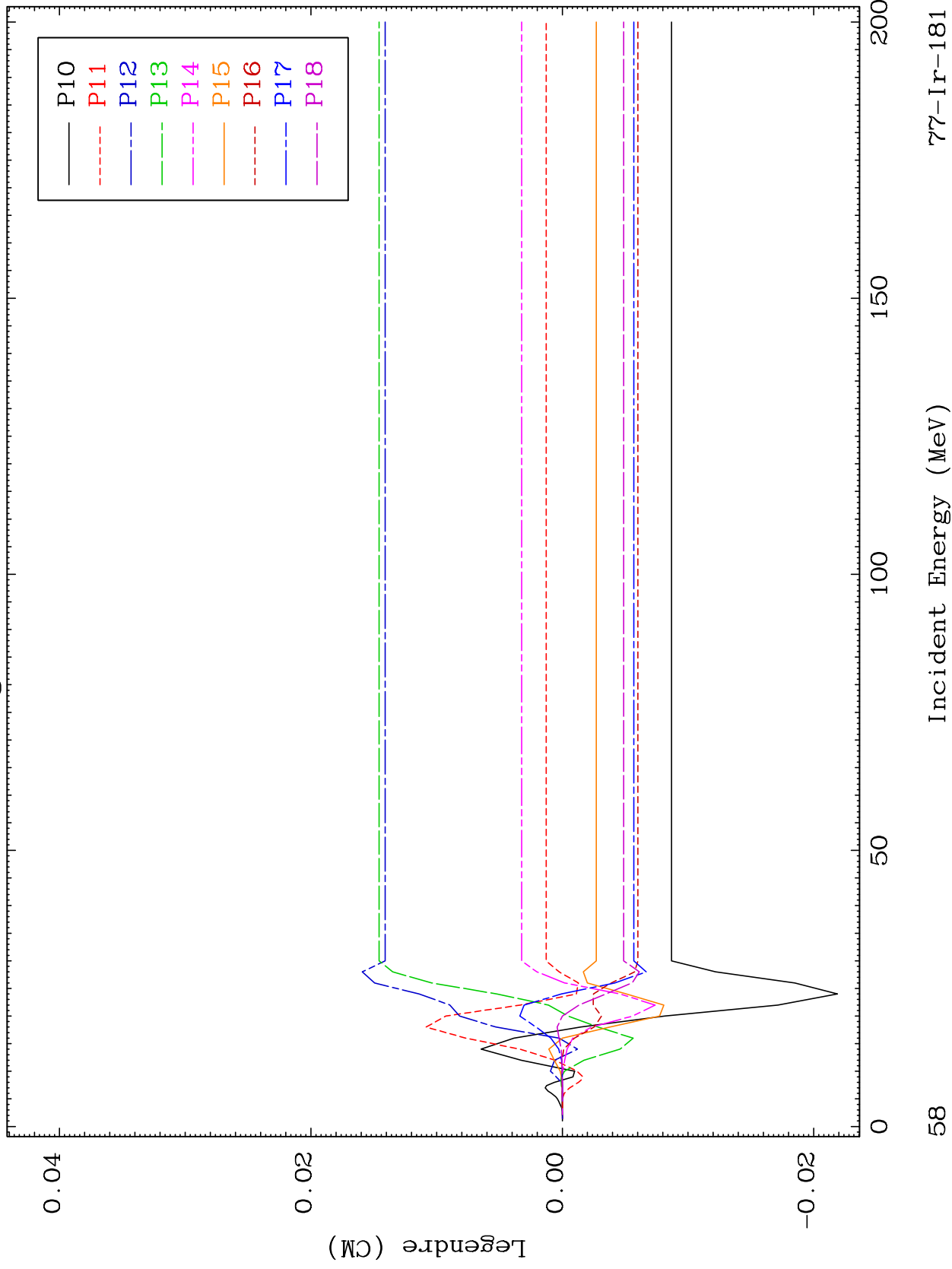
77-Ir-181



MAT 7695

MT= 60 (n,n') Level
Legendre Coefficients

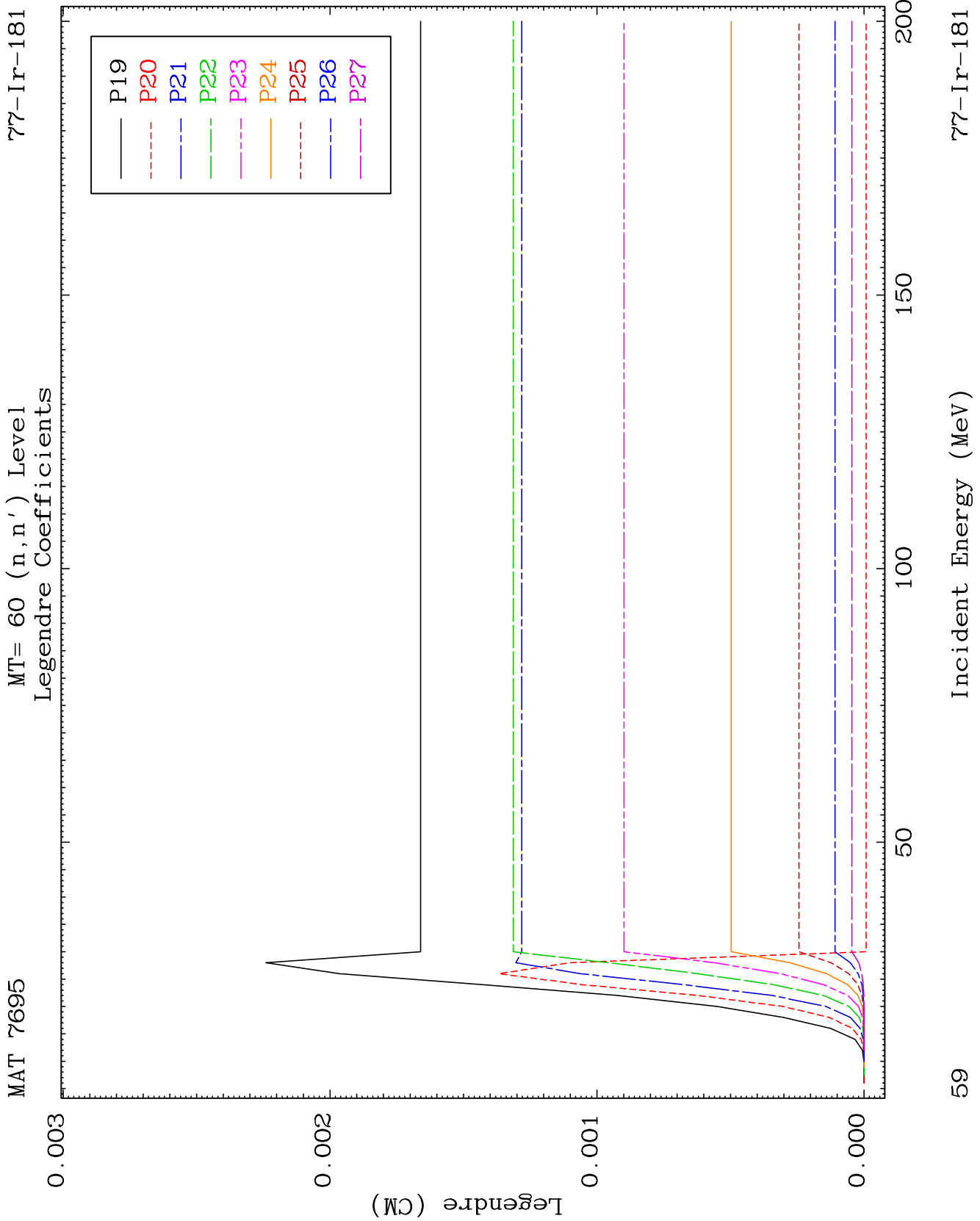
77-Ir-181



77-Ir-181

Incident Energy (MeV)

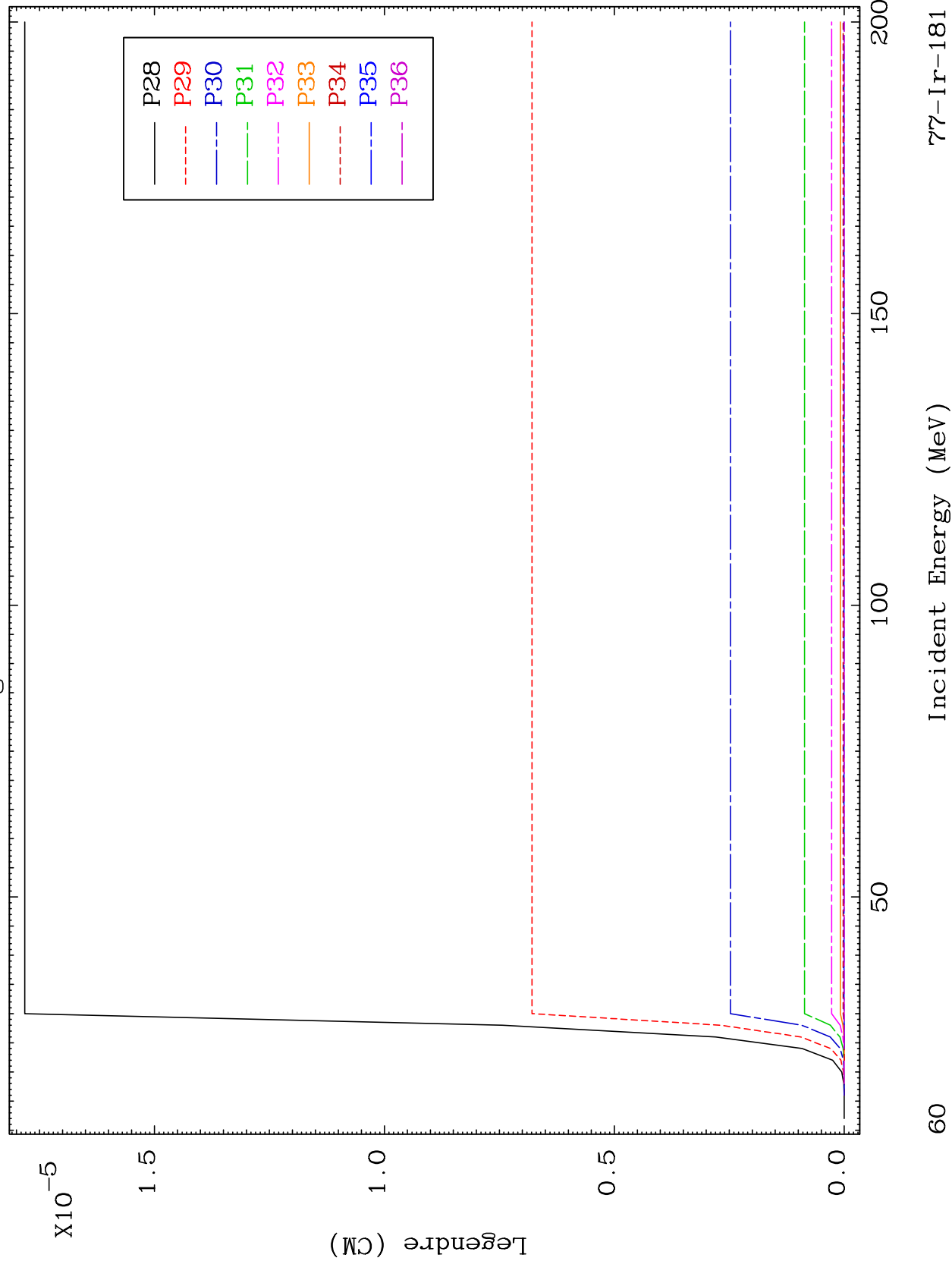
58



MAT 7695

MT= 60 (n,n') Level
Legendre Coefficients

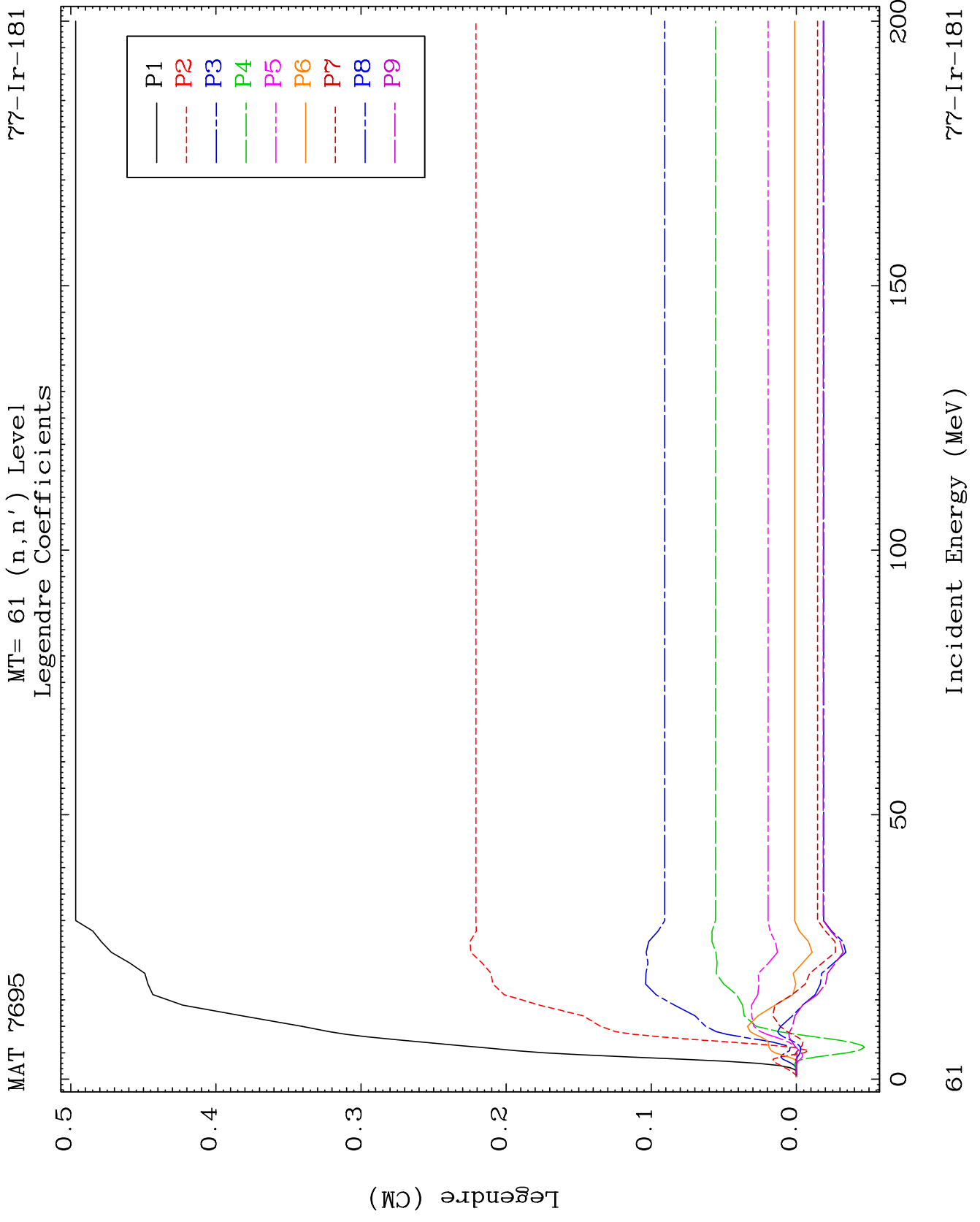
77-Ir-181



60

Incident Energy (MeV)

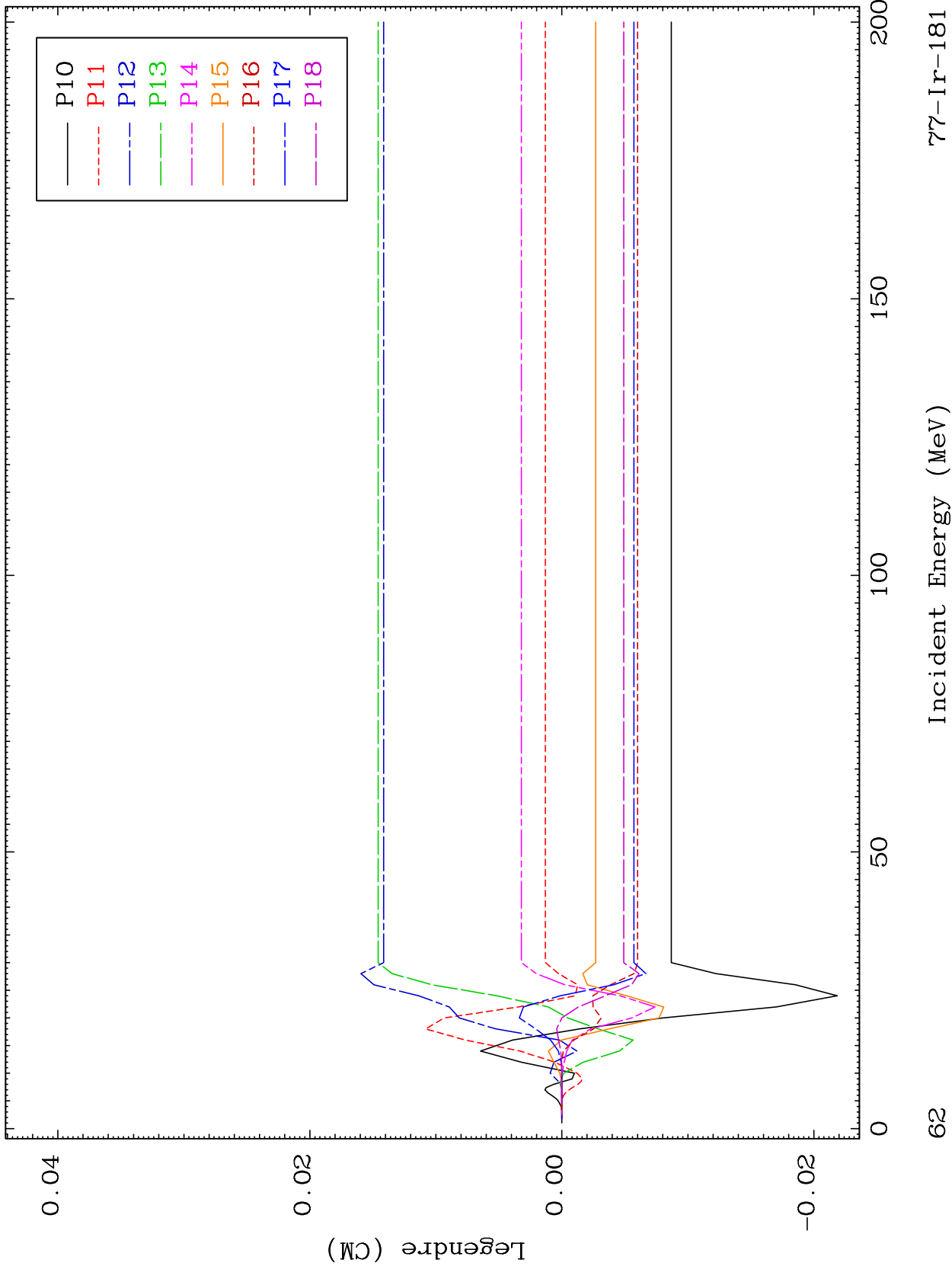
77-Ir-181



MAT 7695

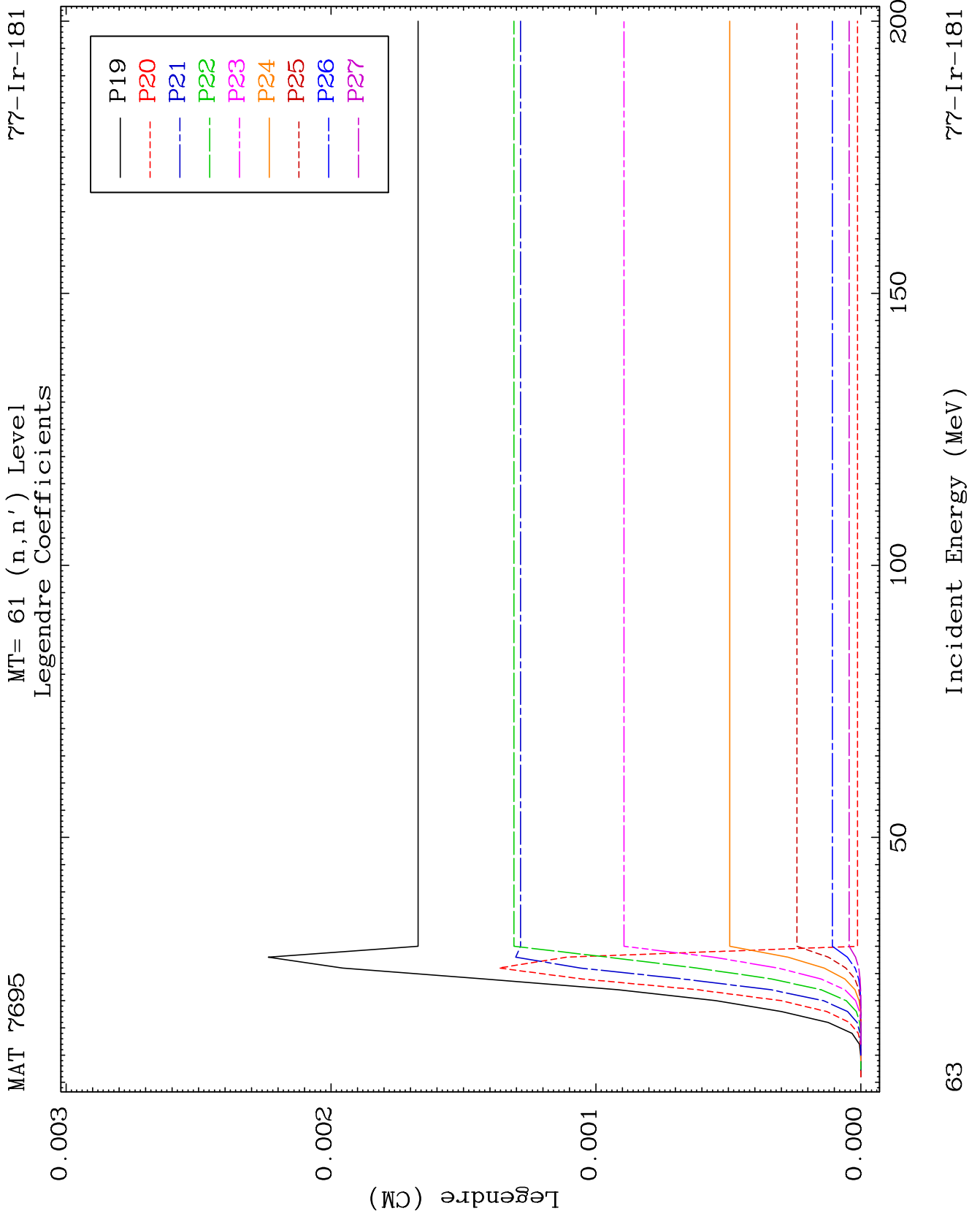
MT= 61 (n,n') Level
Legendre Coefficients

77-Ir-181



62

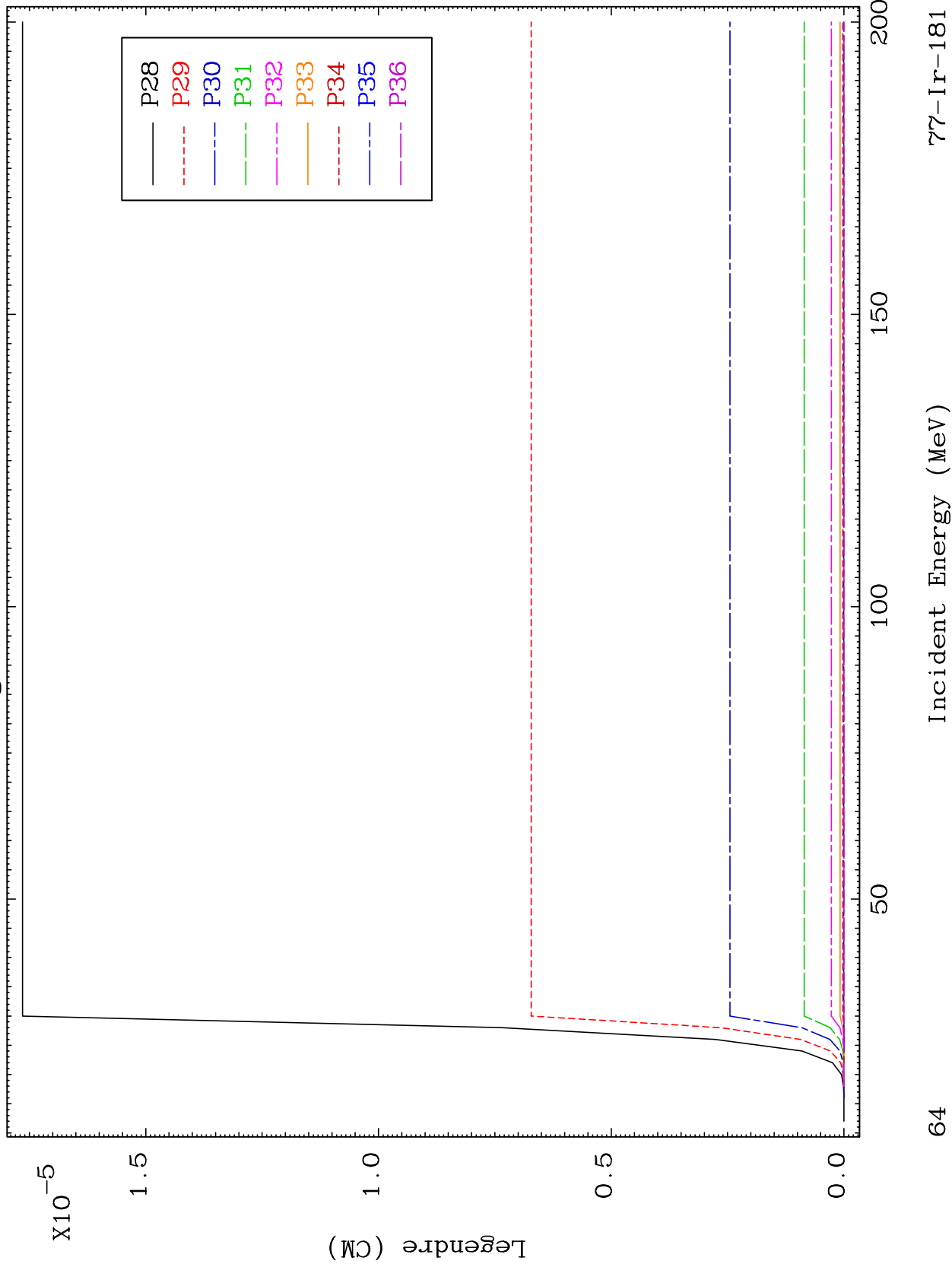
77-Ir-181



MAT 7695

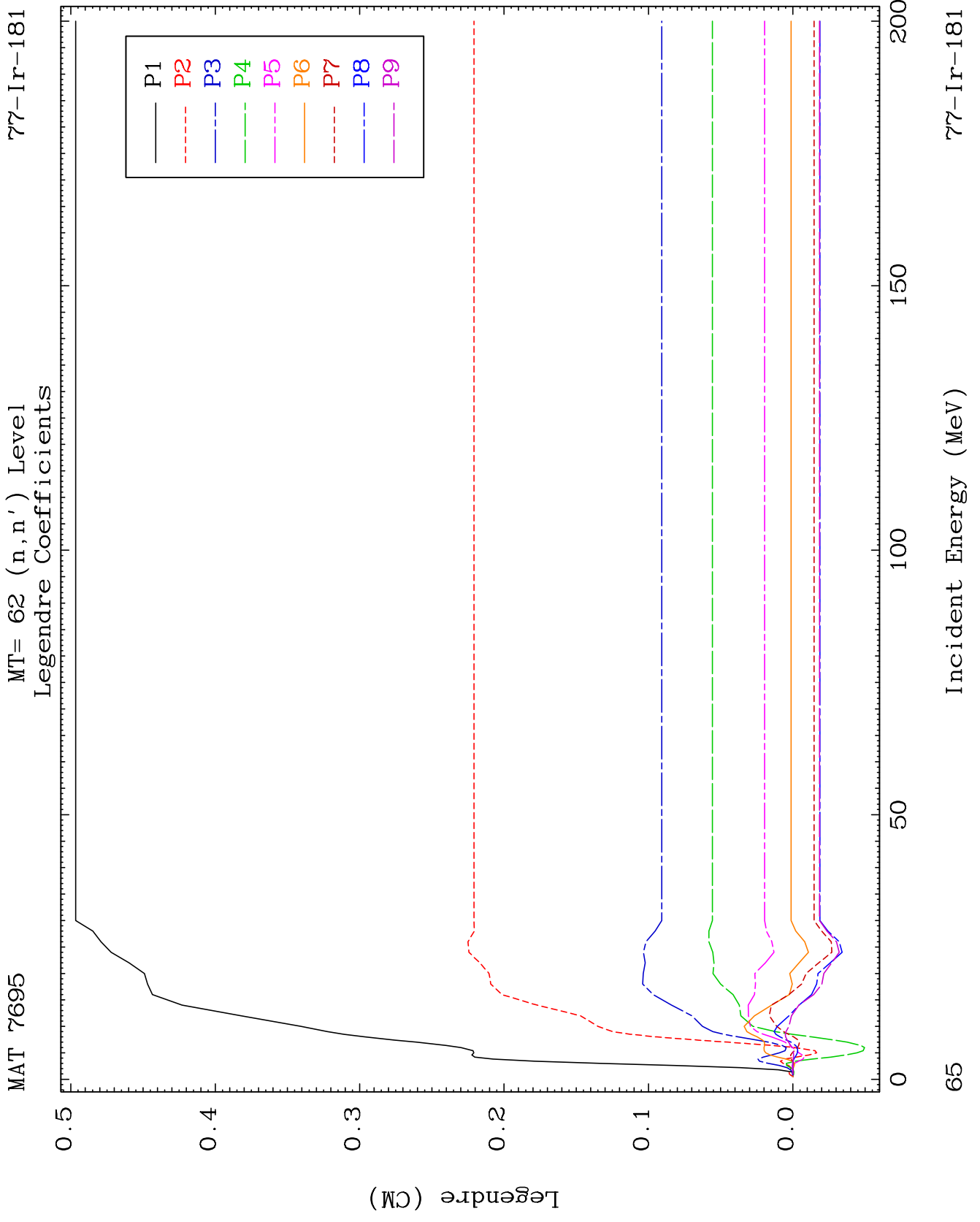
MT= 61 (n,n') Level
Legendre Coefficients

77-Ir-181



64

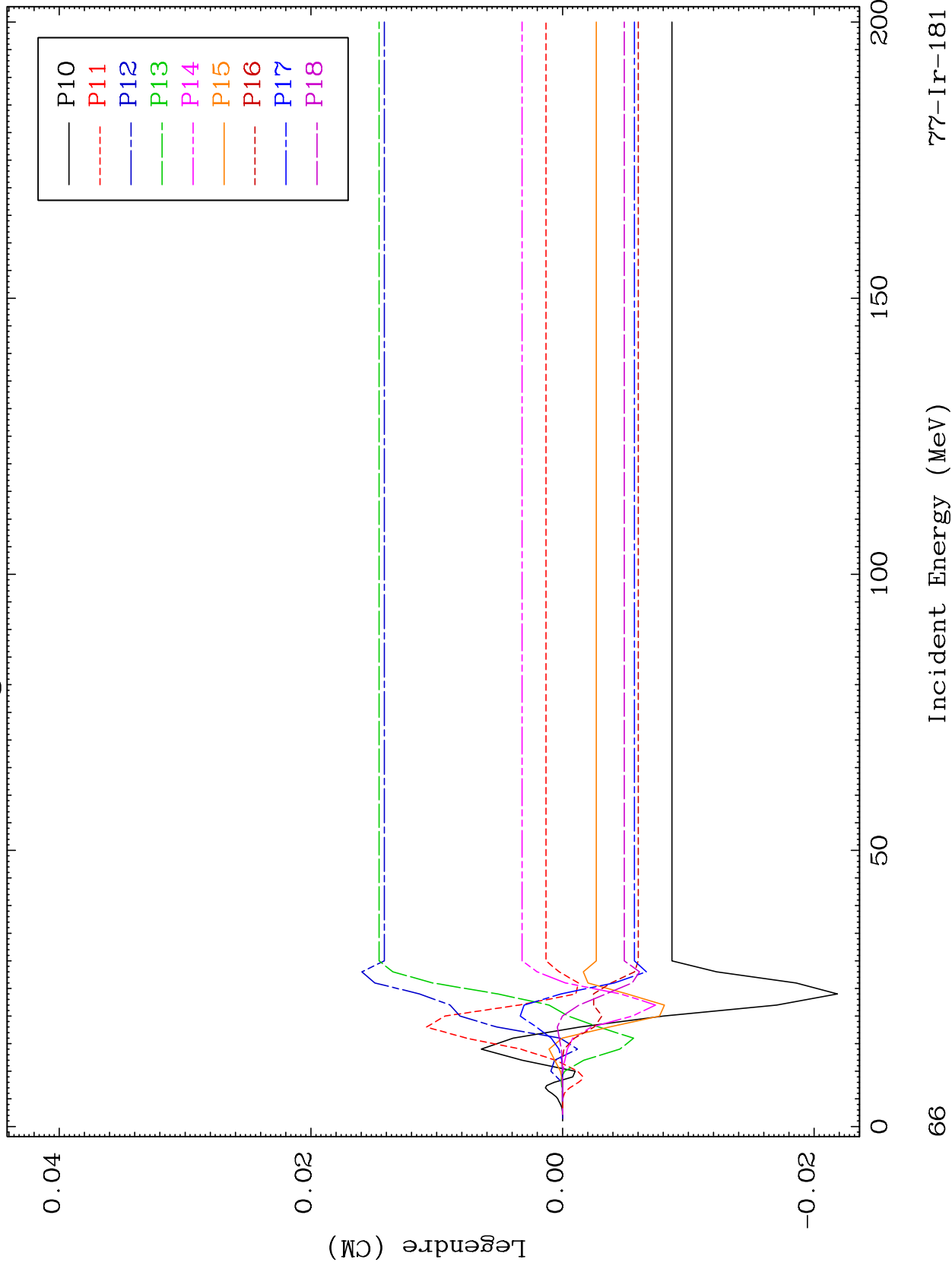
77-Ir-181



MAT 7695

MT= 62 (n,n') Level
Legendre Coefficients

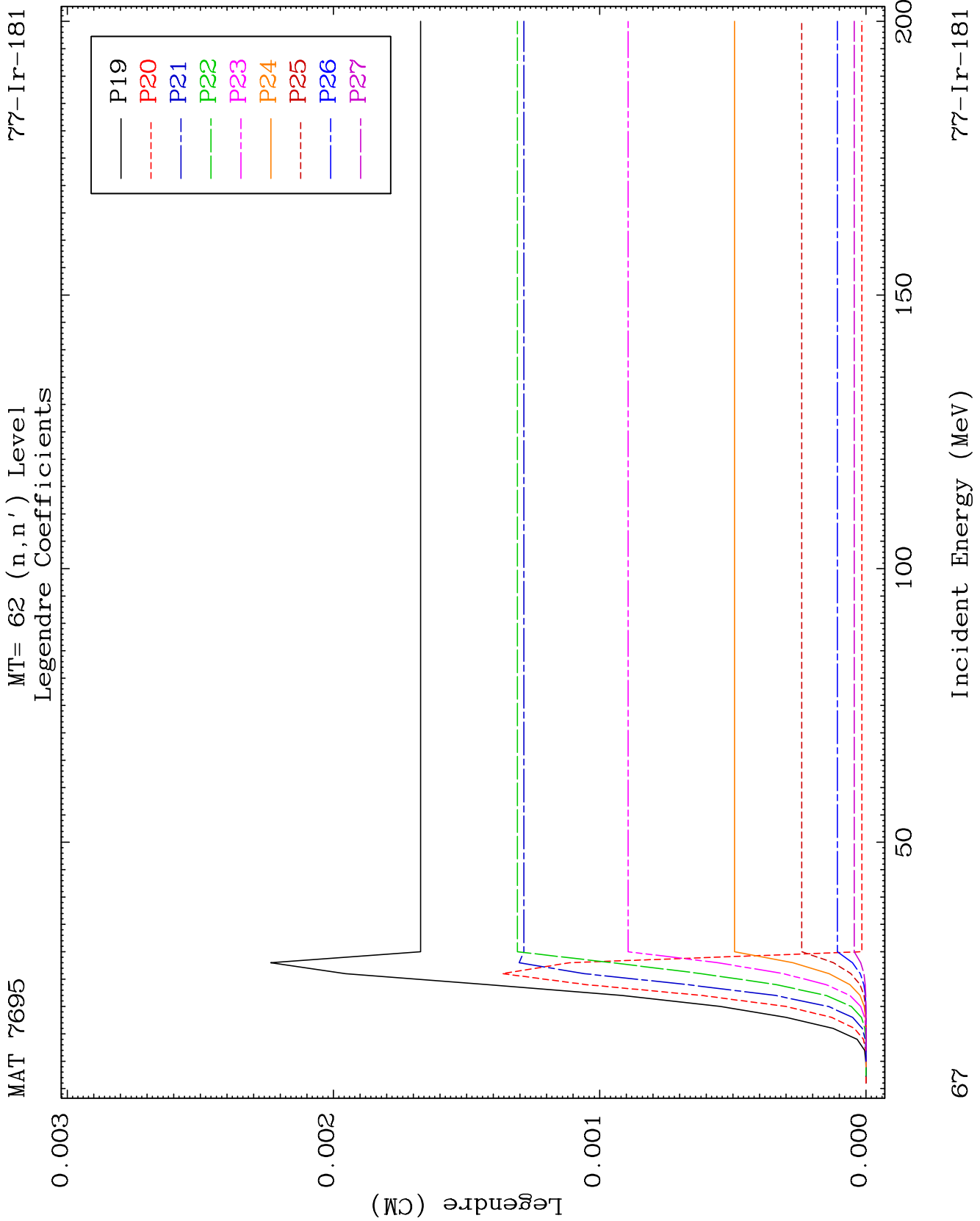
77-Ir-181



66

Incident Energy (MeV)

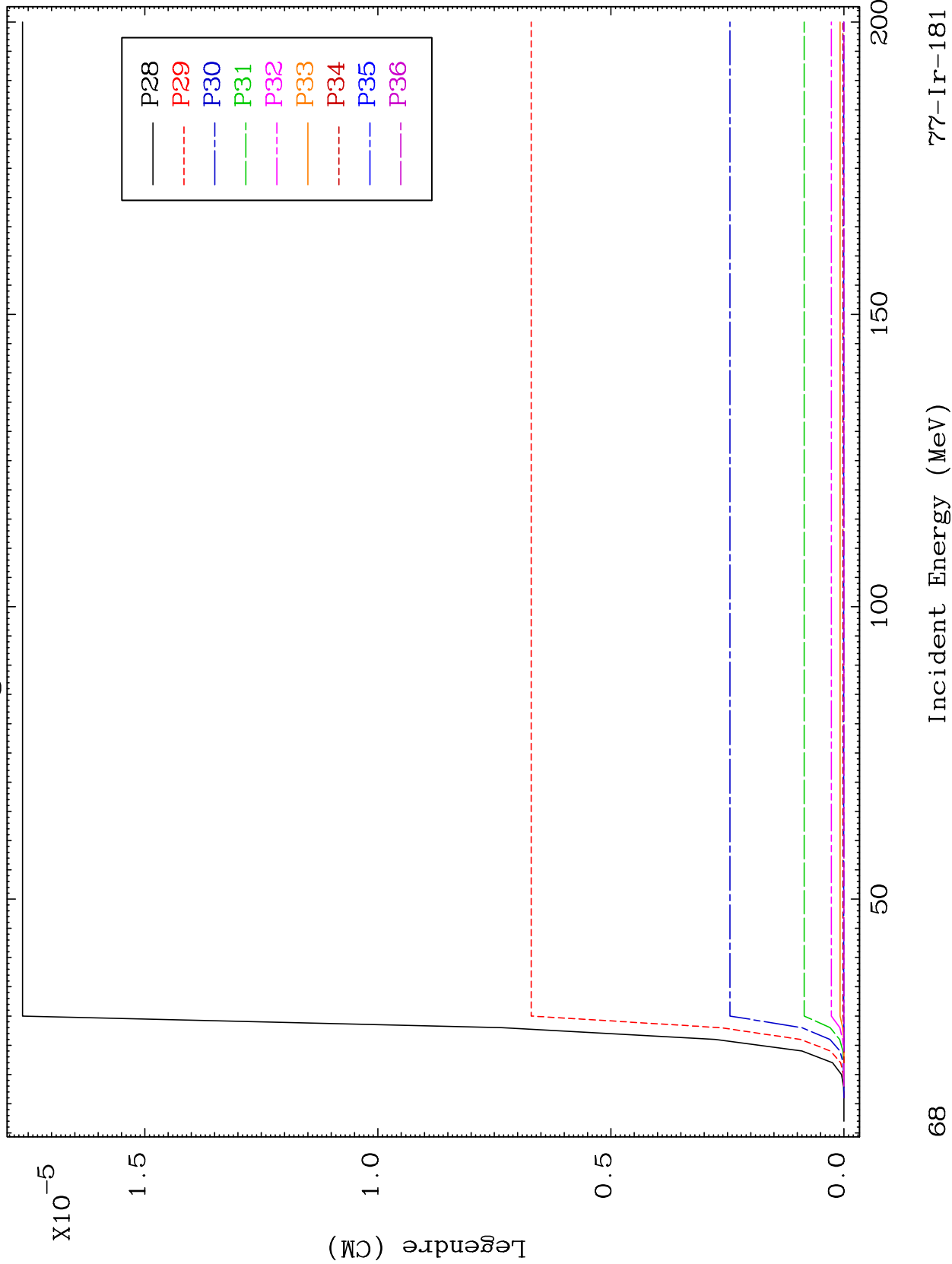
77-Ir-181



MAT 7695

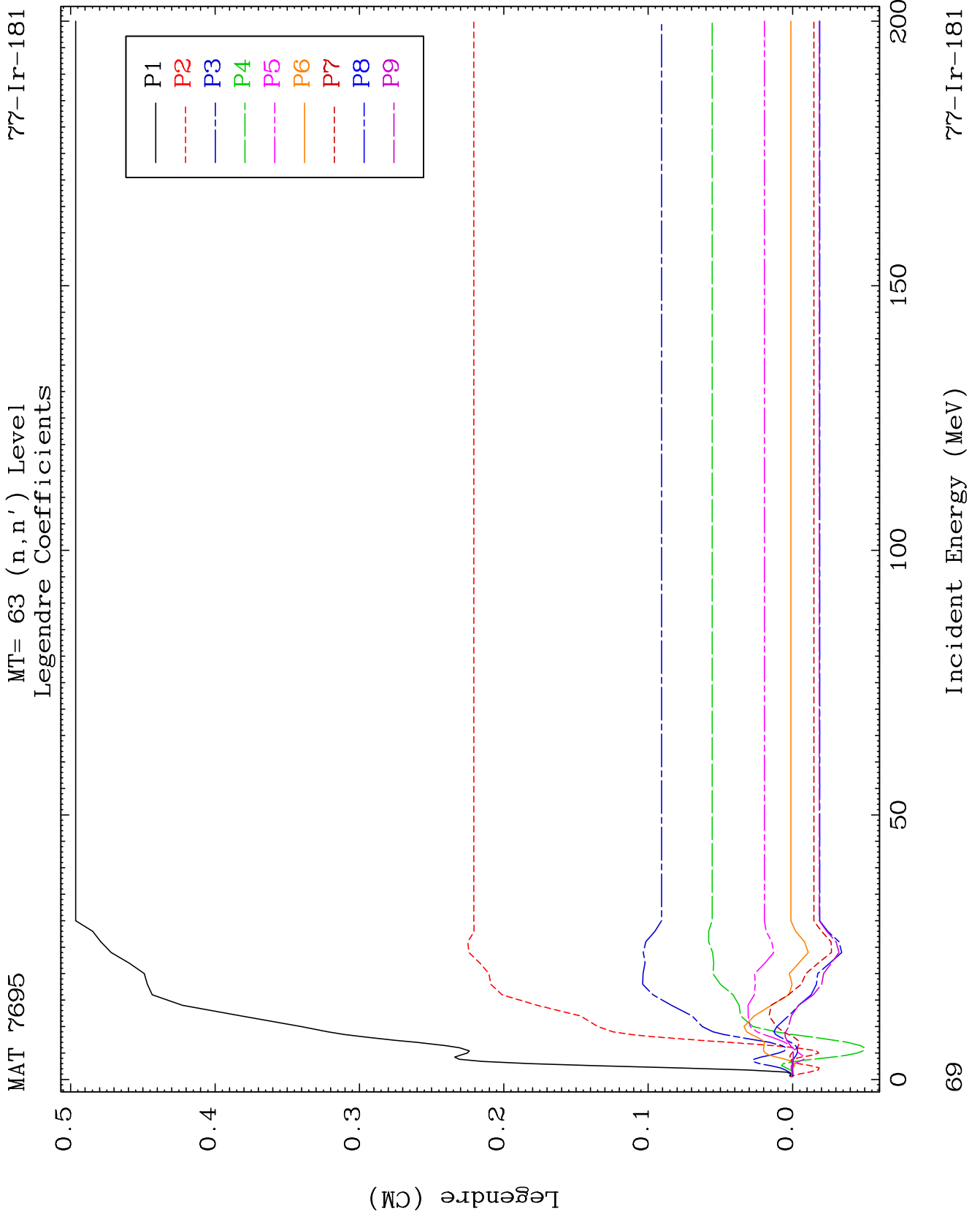
MT= 62 (n,n') Level
Legendre Coefficients

77-Ir-181



68

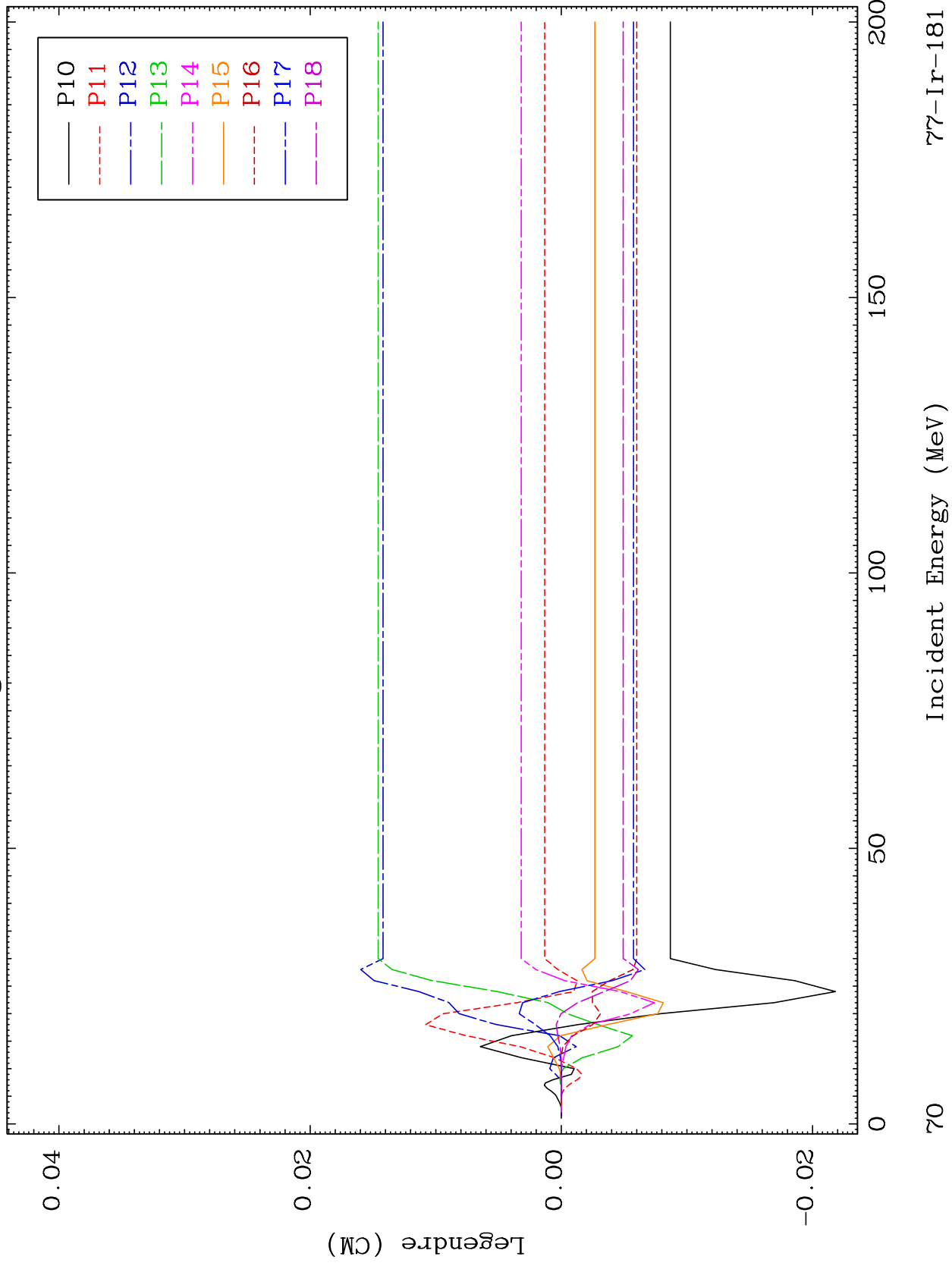
77-Ir-181



MAT 7695

MT= 63 (n,n') Level
Legendre Coefficients

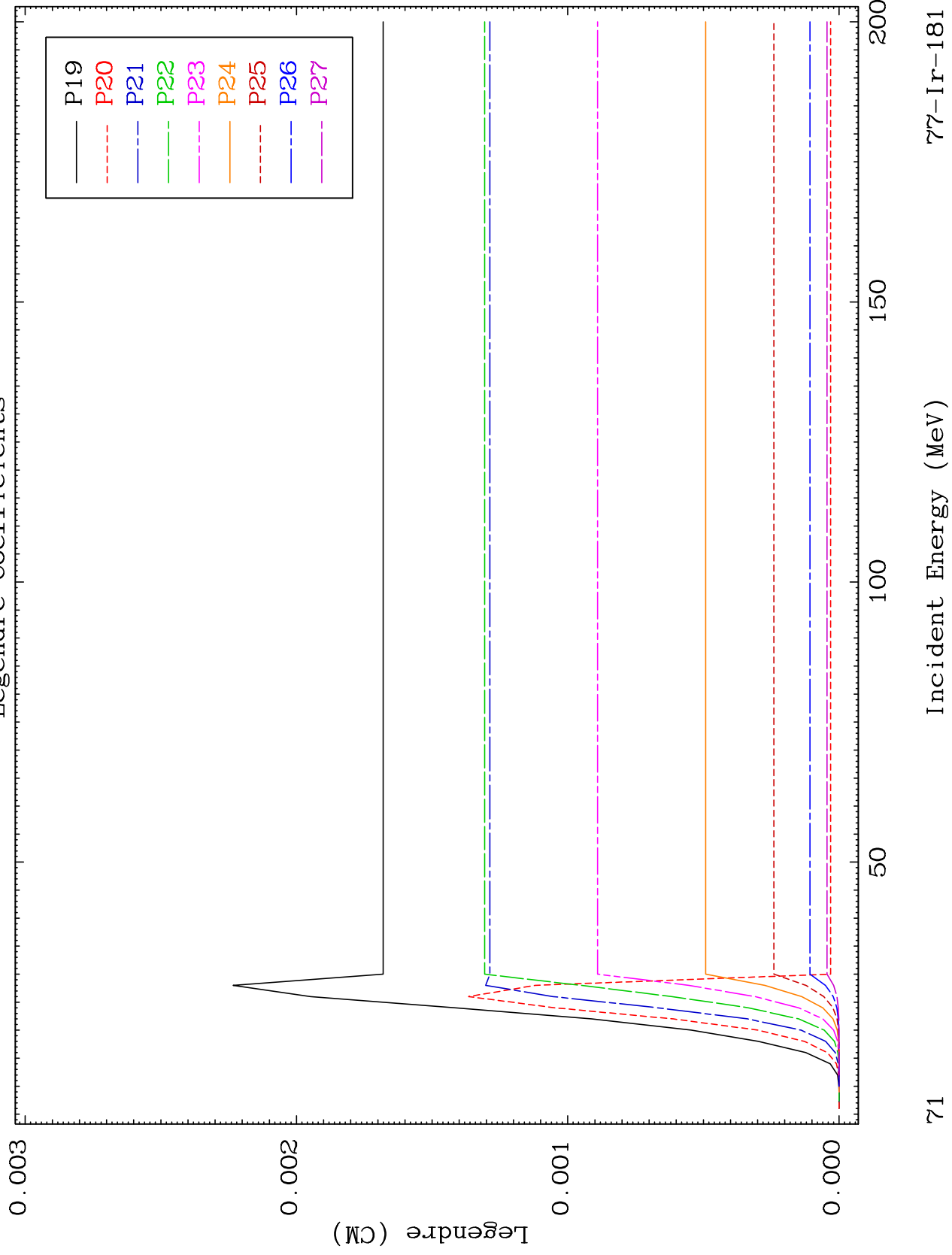
77-Ir-181



MAT 7695

MT= 63 (n,n') Level
Legendre Coefficients

77-Ir-181



71

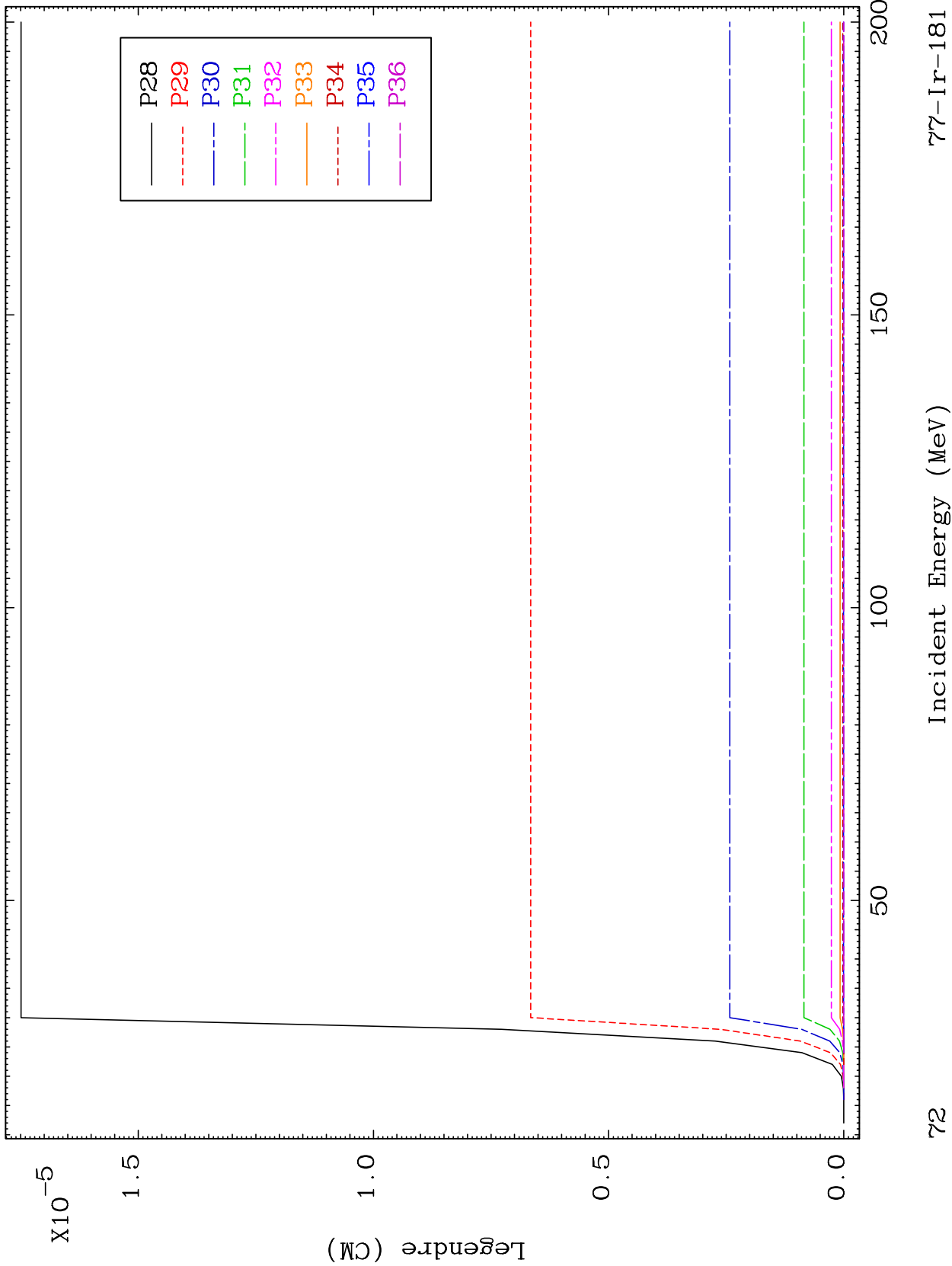
Incident Energy (MeV)

77-Ir-181

MAT 7695

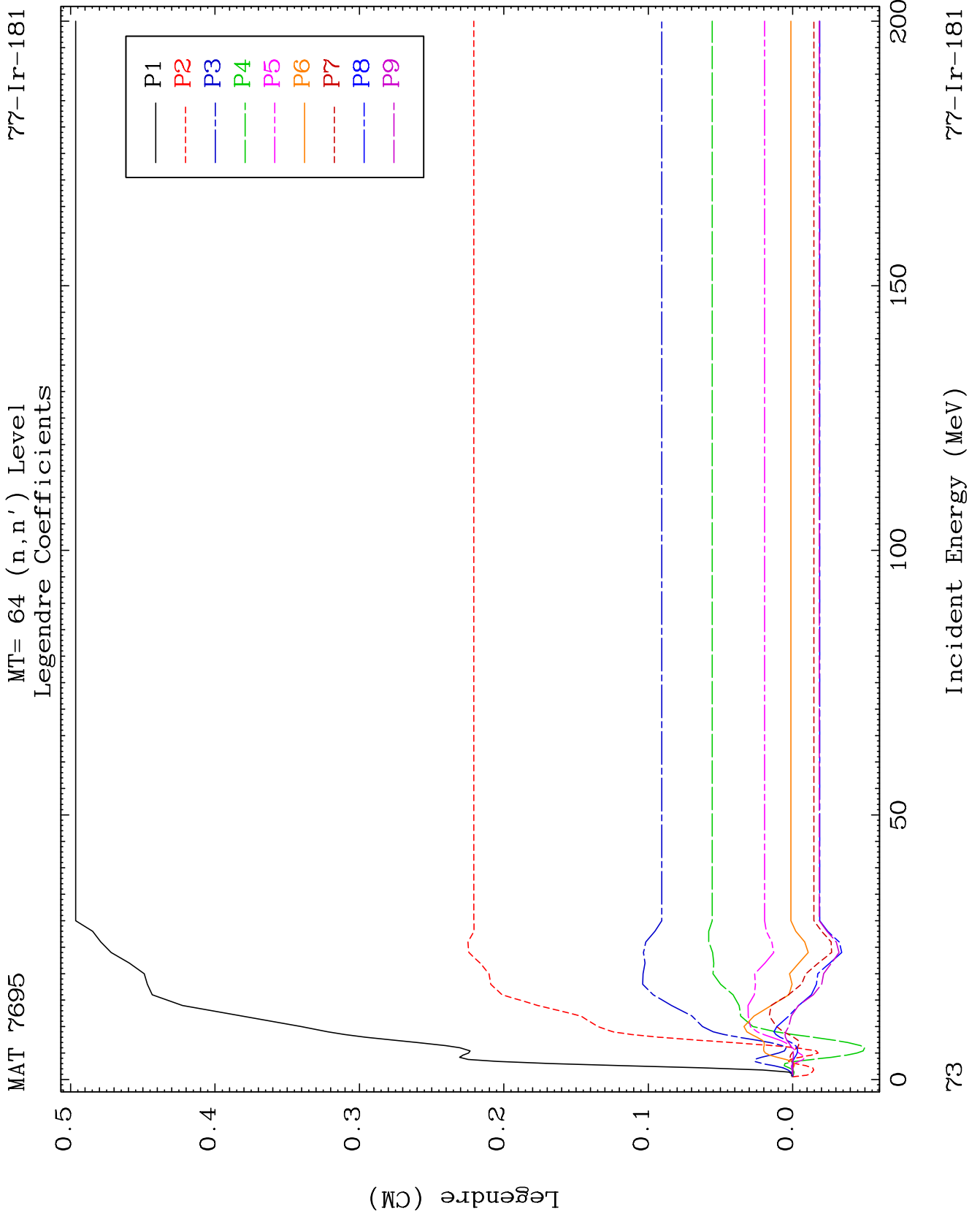
MT= 63 (n,n') Level
Legendre Coefficients

77-Ir-181



72

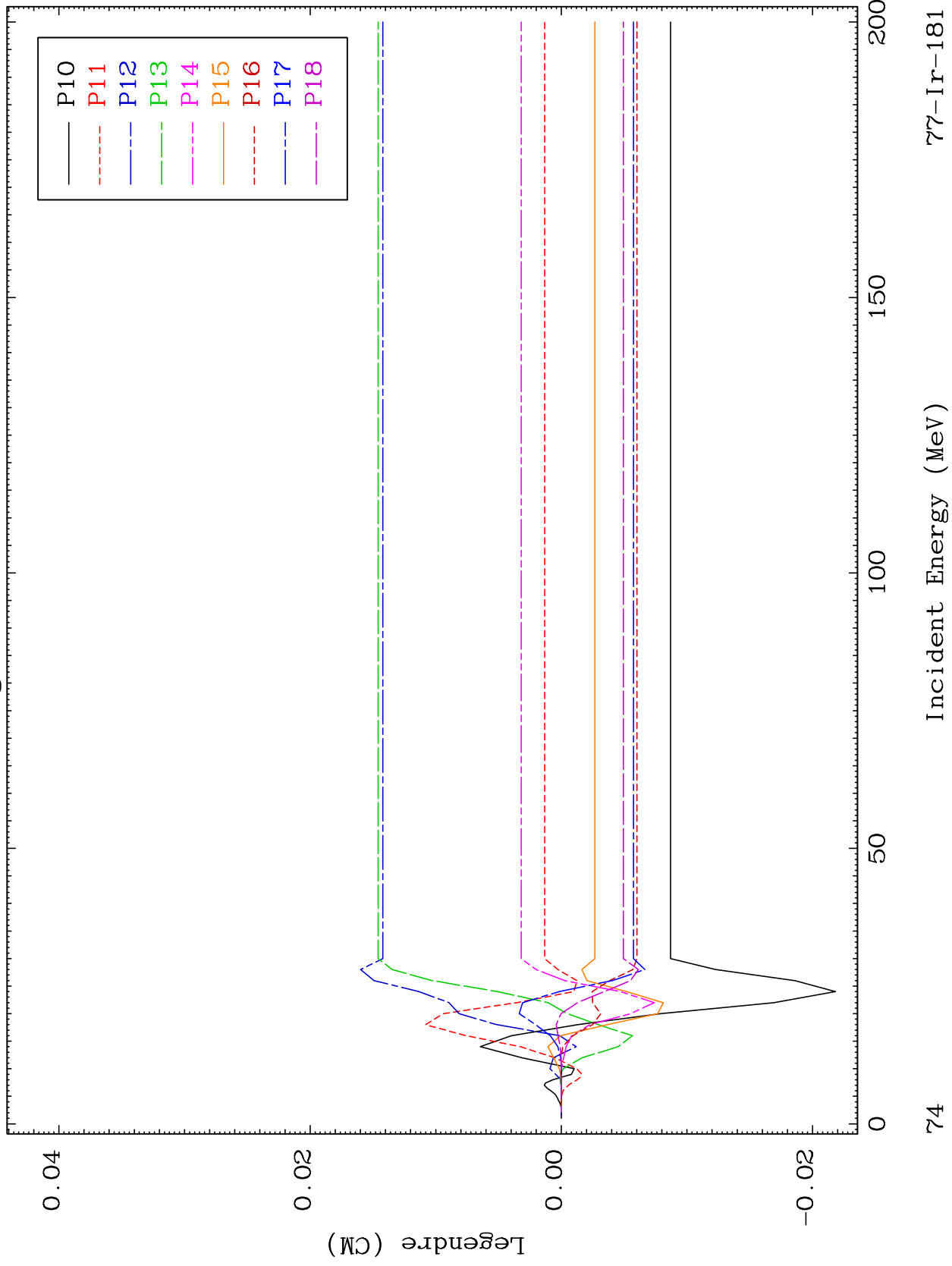
77-Ir-181

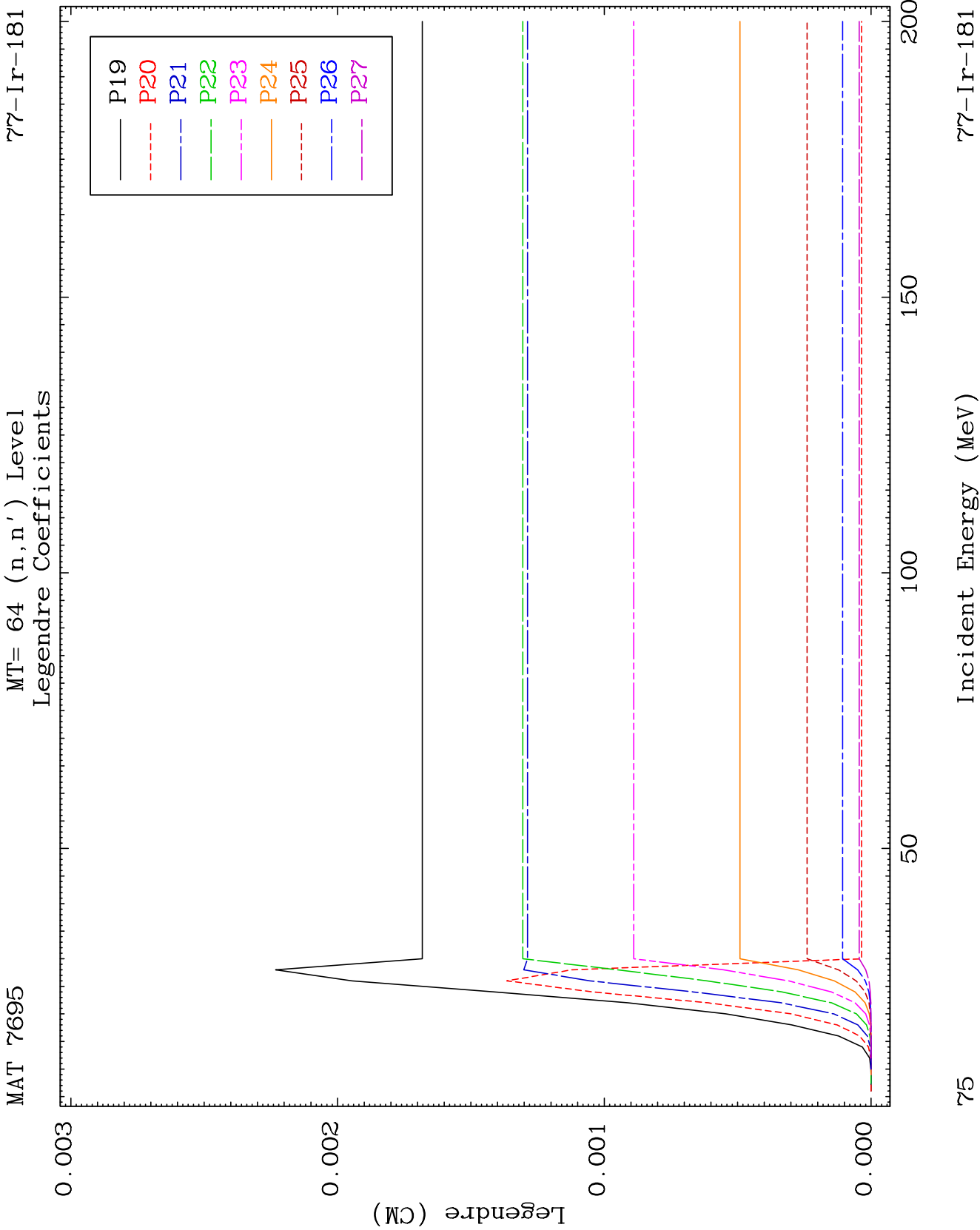


MAT 7695

MT= 64 (n,n') Level
Legendre Coefficients

77-Ir-181

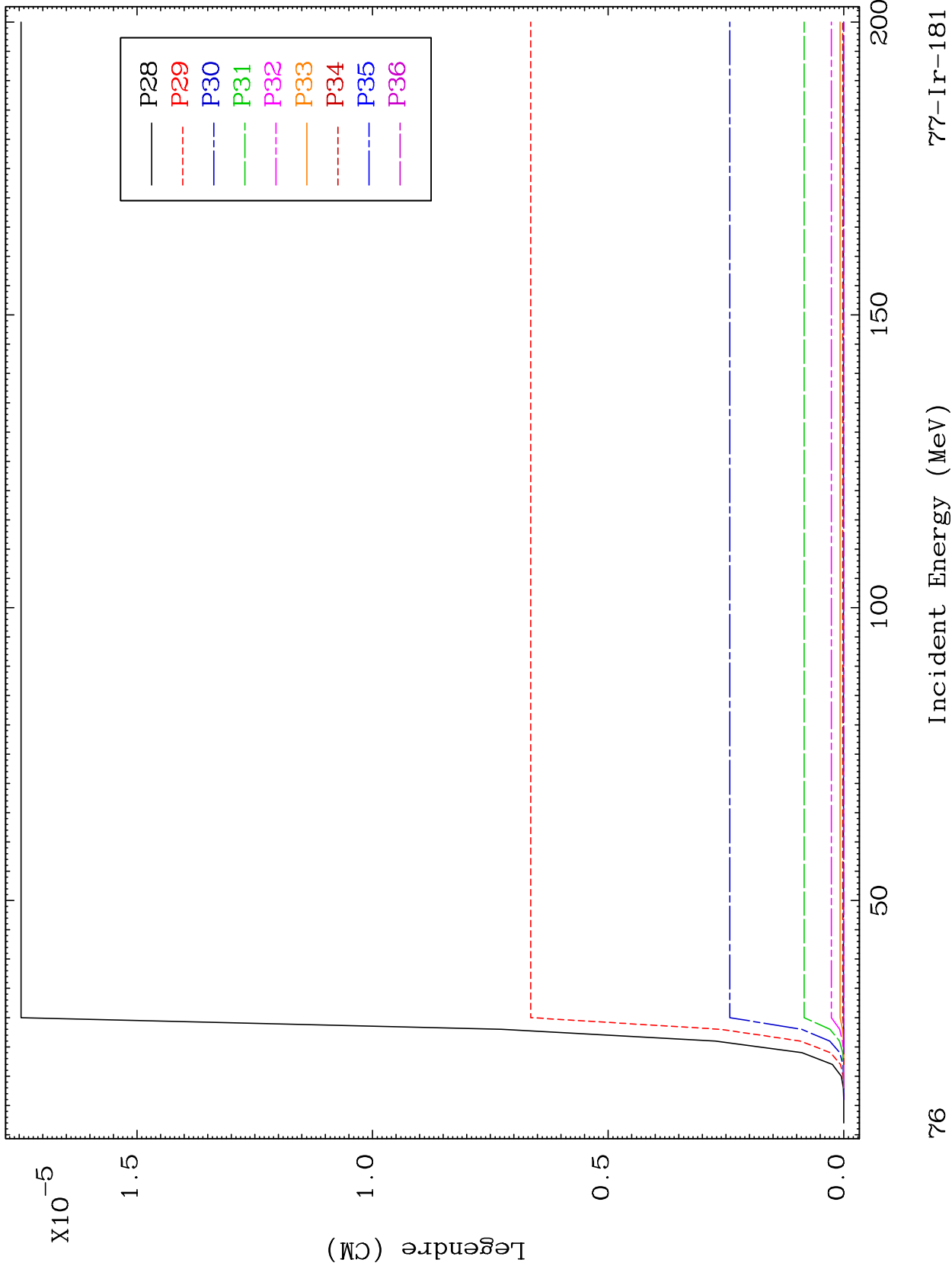




MAT 7695

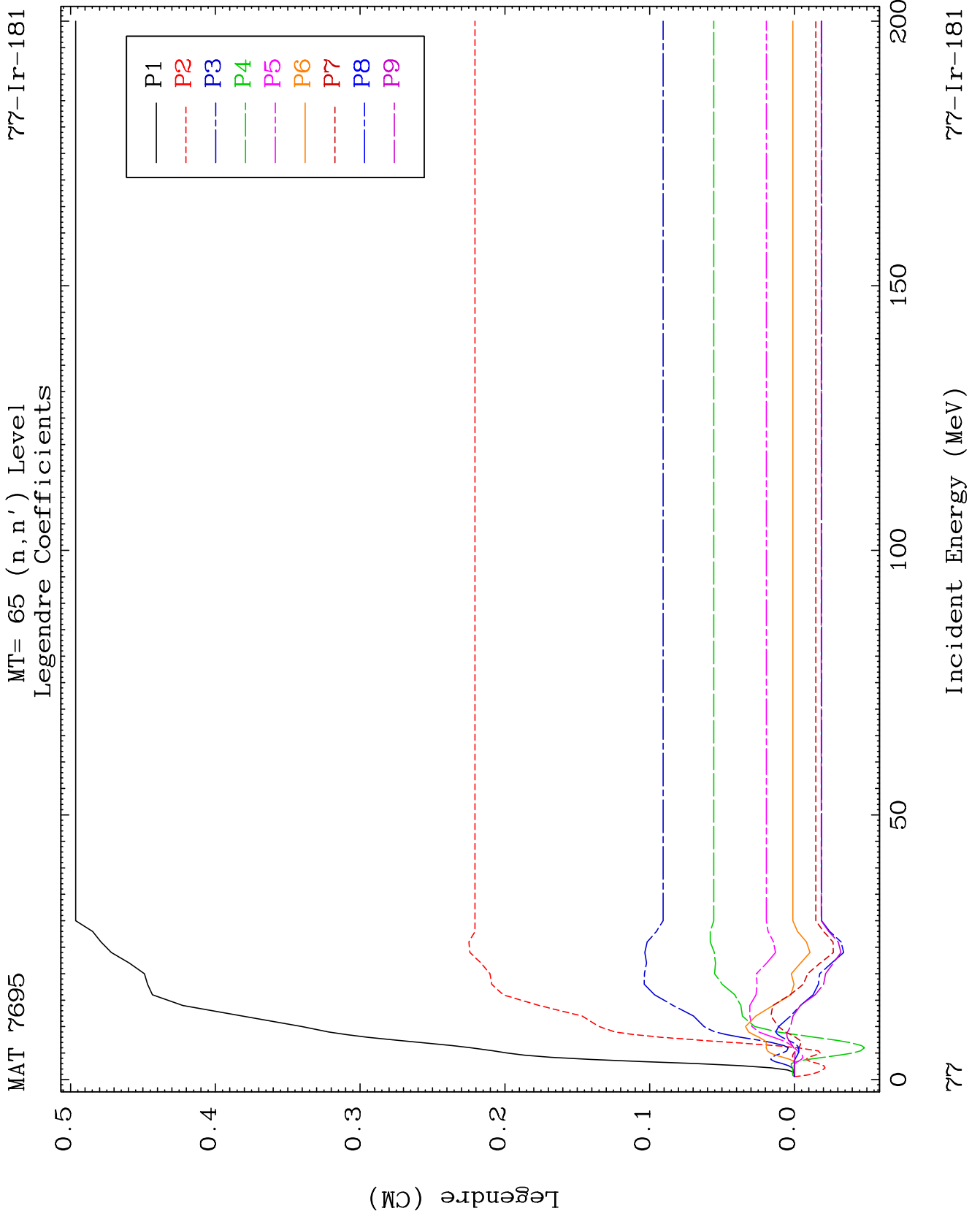
MT= 64 (n,n') Level
Legendre Coefficients

77-Ir-181



76

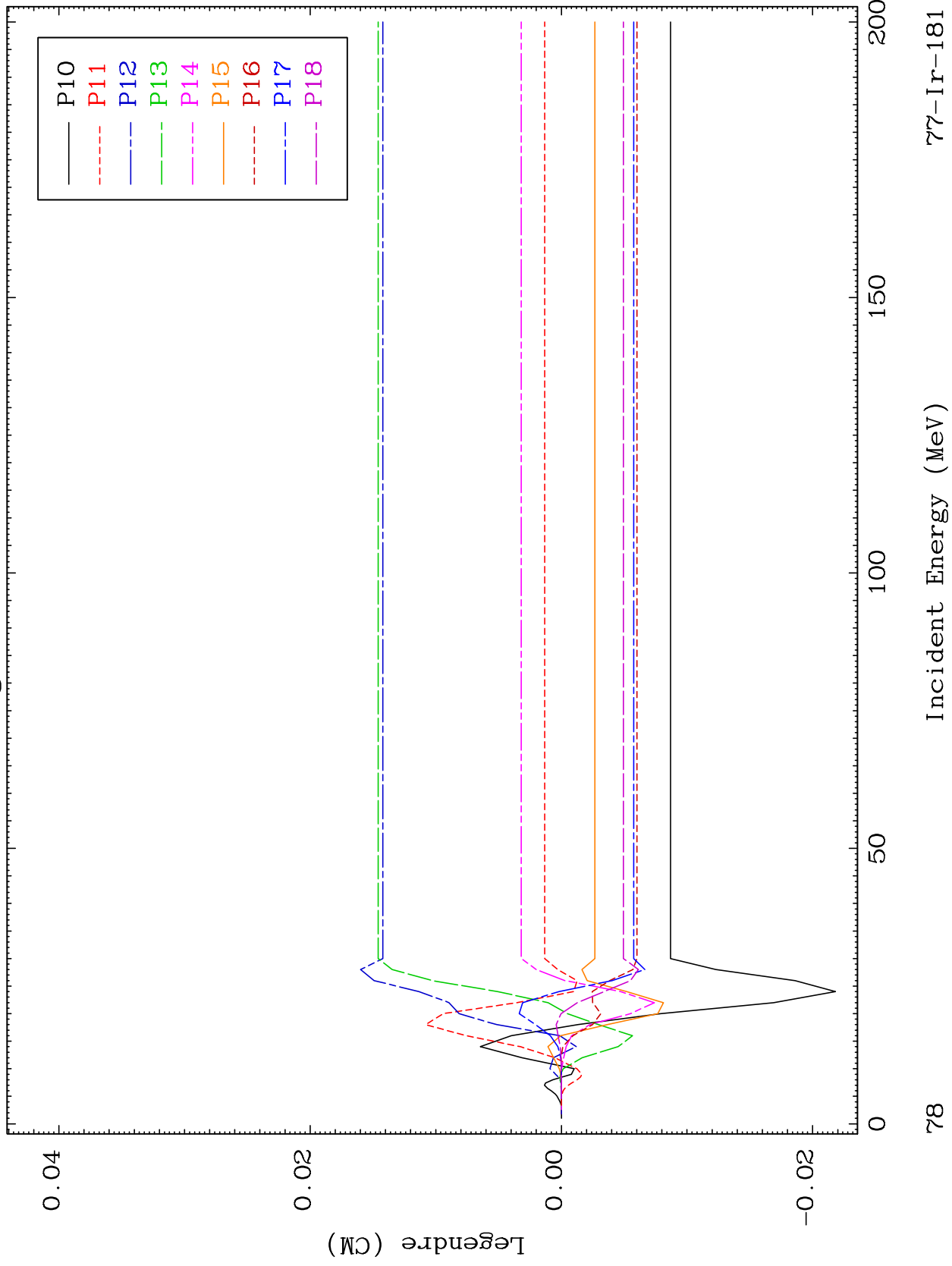
77-Ir-181



MAT 7695

MT= 65 (n,n') Level
Legendre Coefficients

77-Ir-181



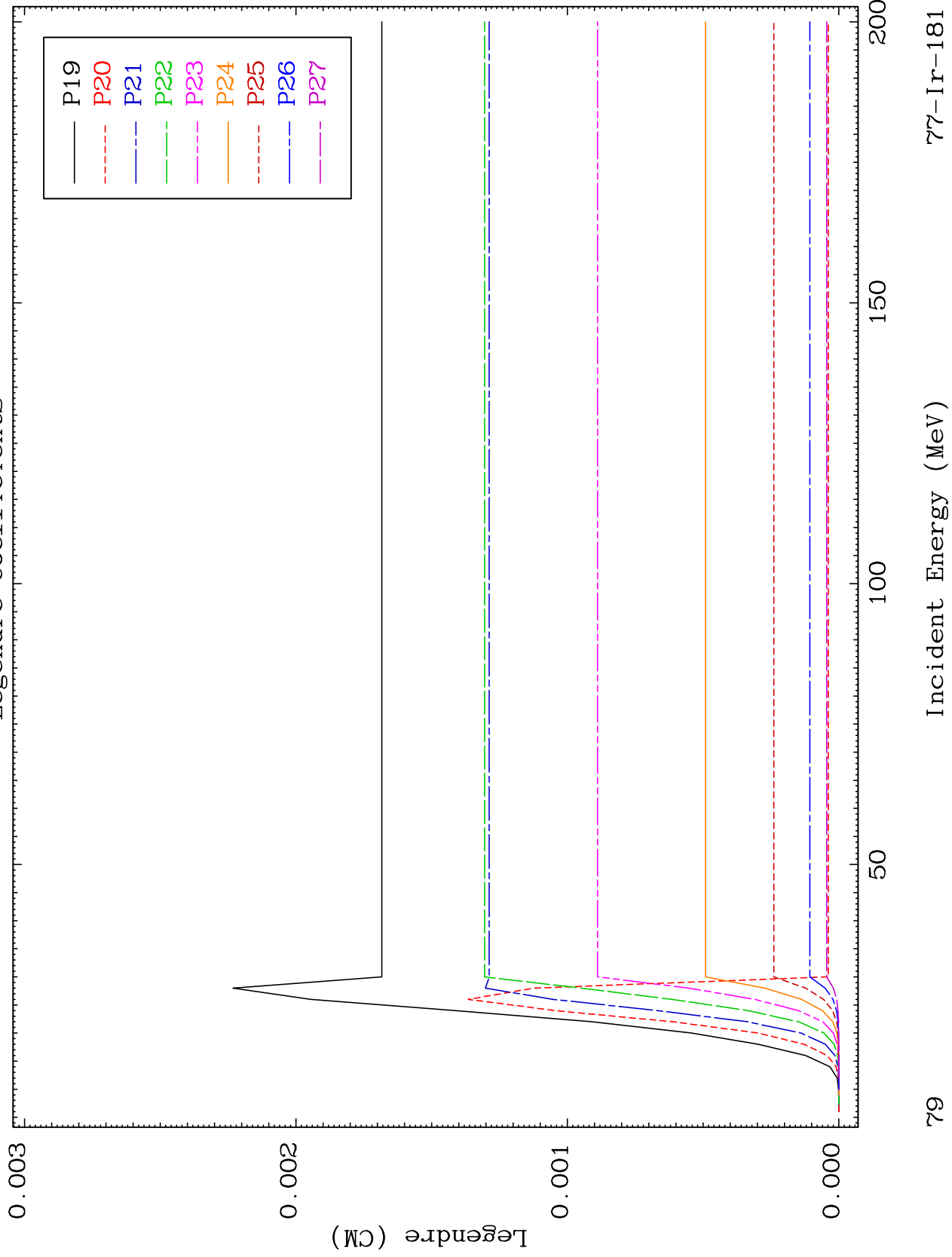
78

77-Ir-181

MAT 7695

MT= 65 (n,n') Level
Legendre Coefficients

77-Ir-181



79

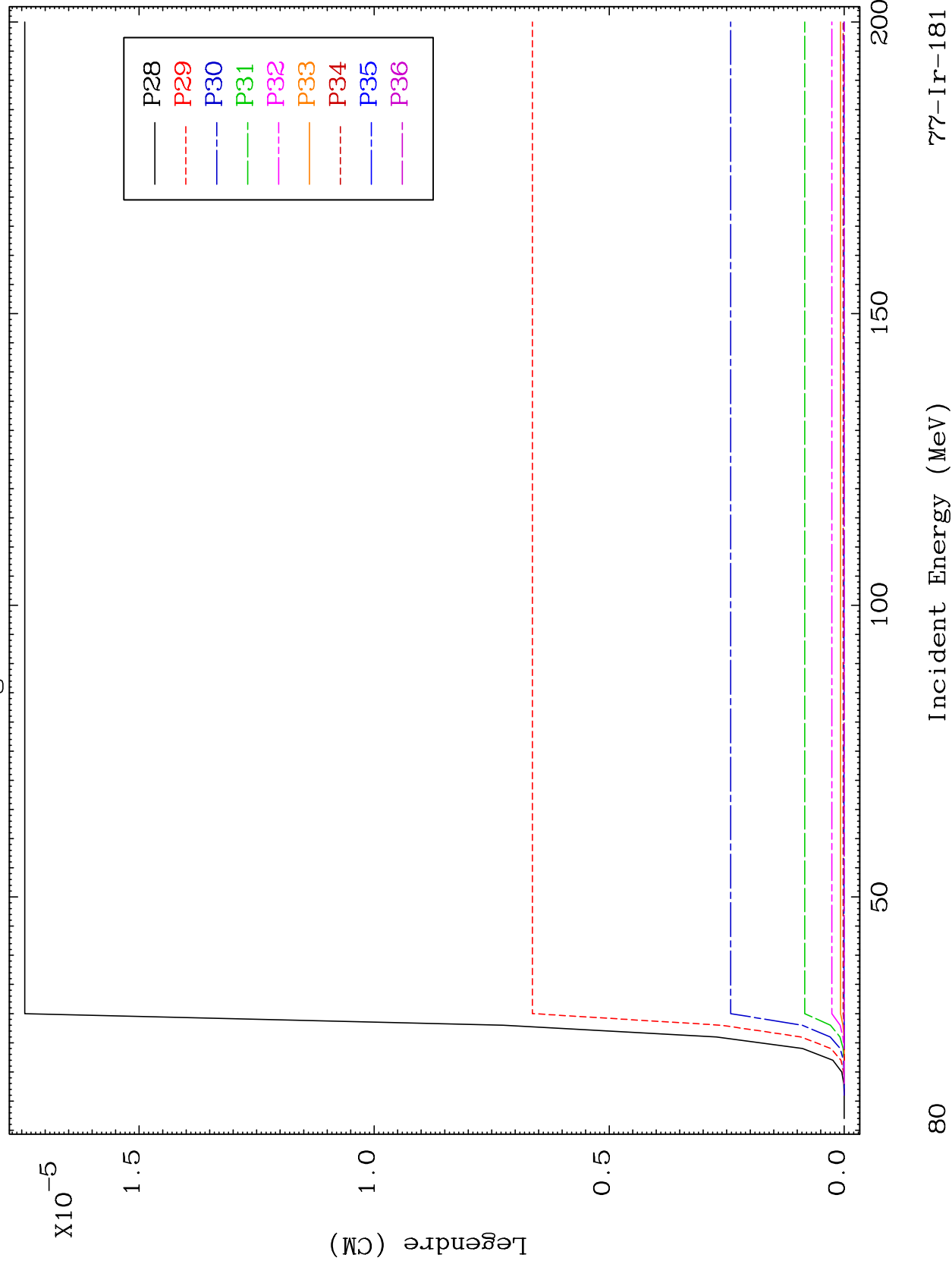
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 65 (n,n') Level
Legendre Coefficients

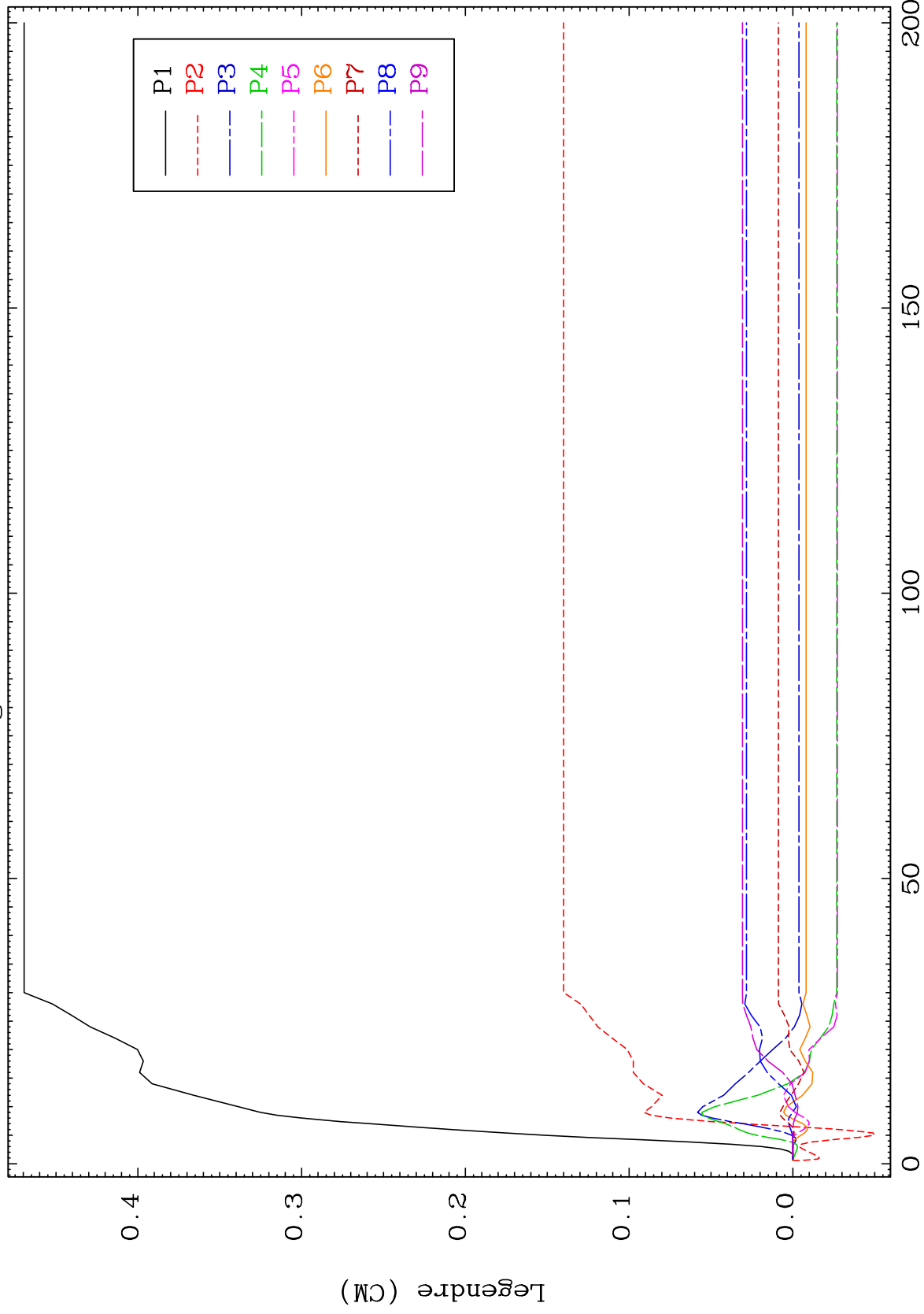
77-Ir-181



MAT 7695

MT= 66 (n,n') Level
Legendre Coefficients

77-Ir-181



81

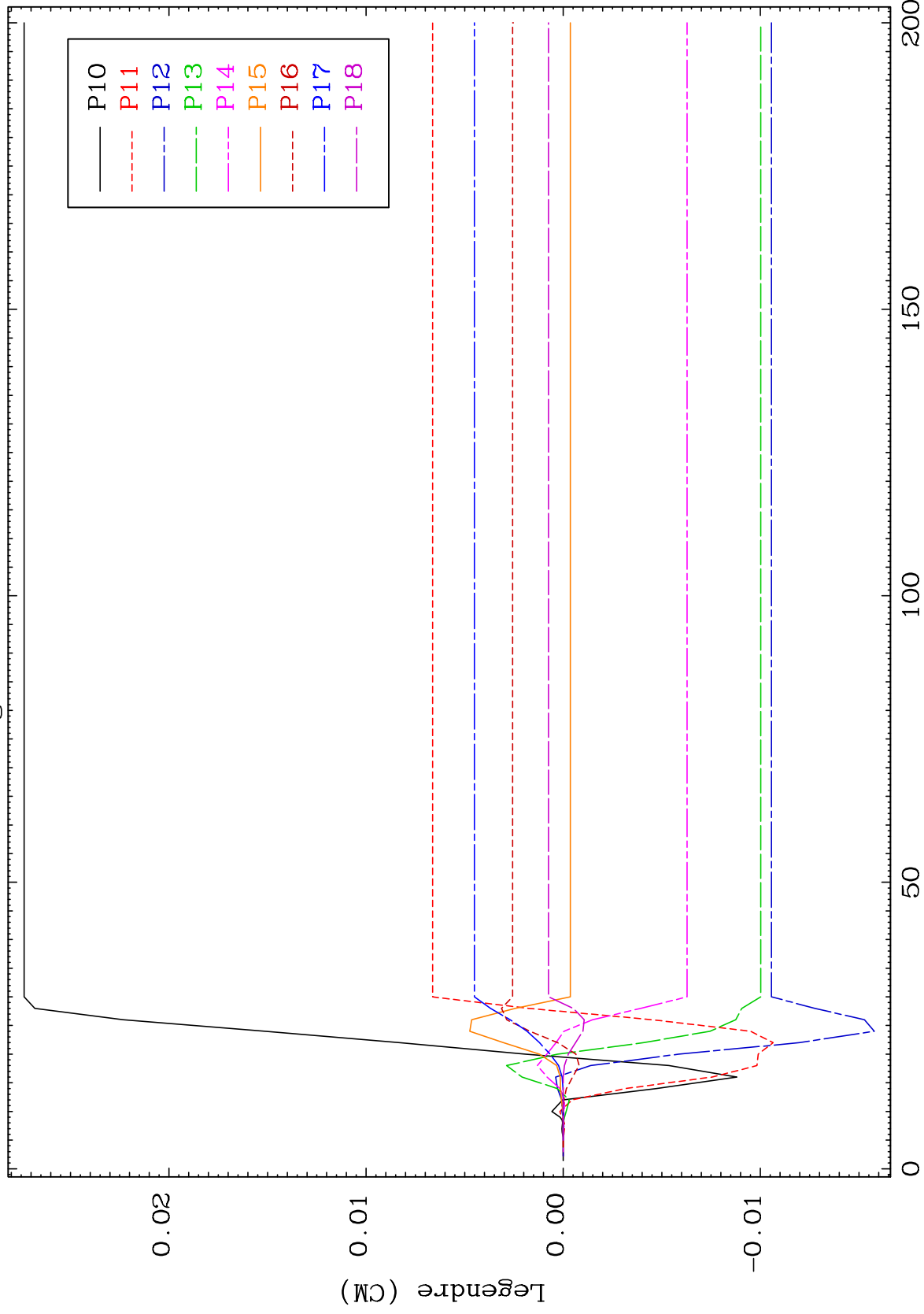
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 66 (n,n') Level
Legendre Coefficients

77-Ir-181



82

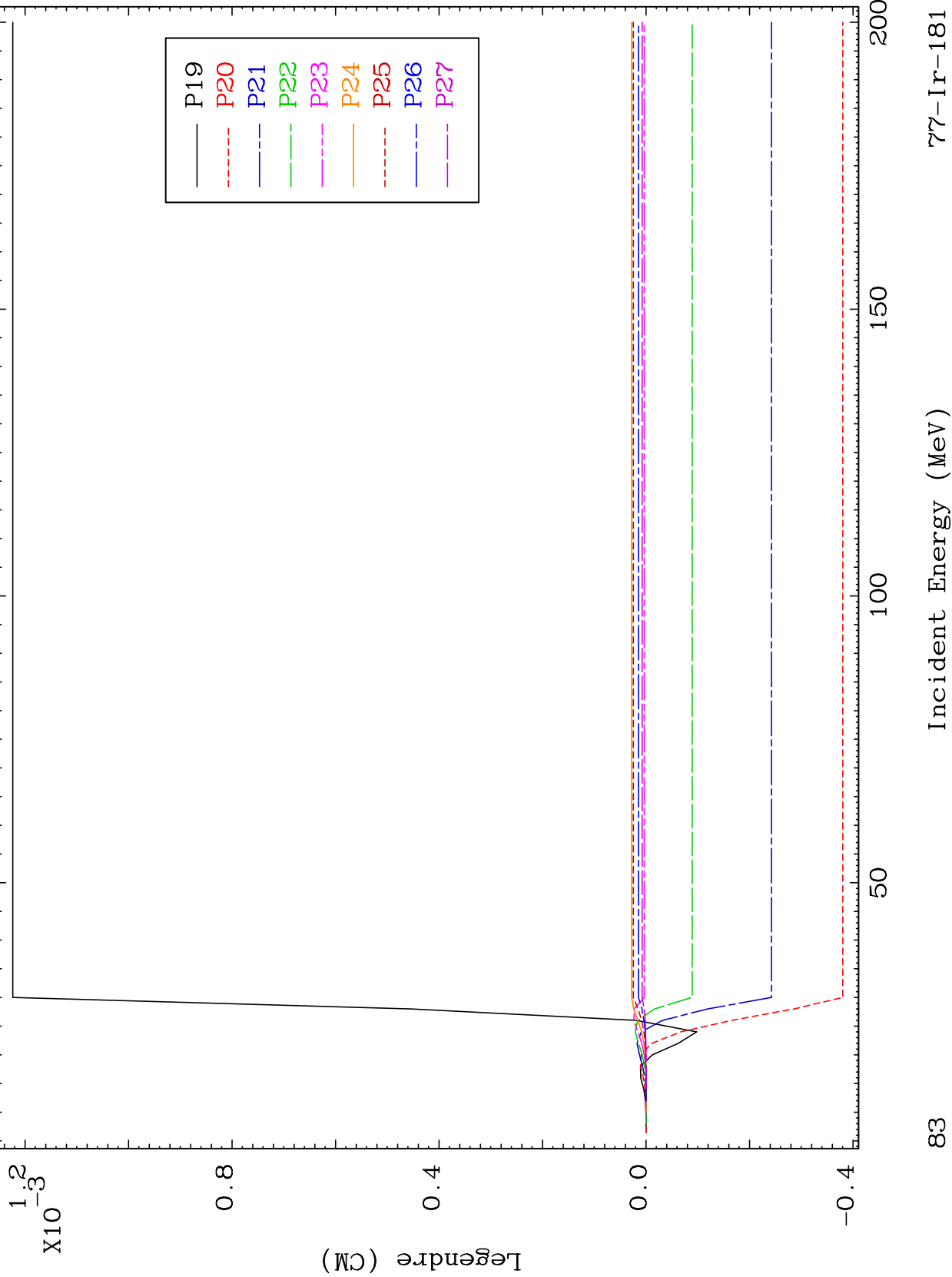
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 66 (n,n') Level
Legendre Coefficients

77-Ir-181



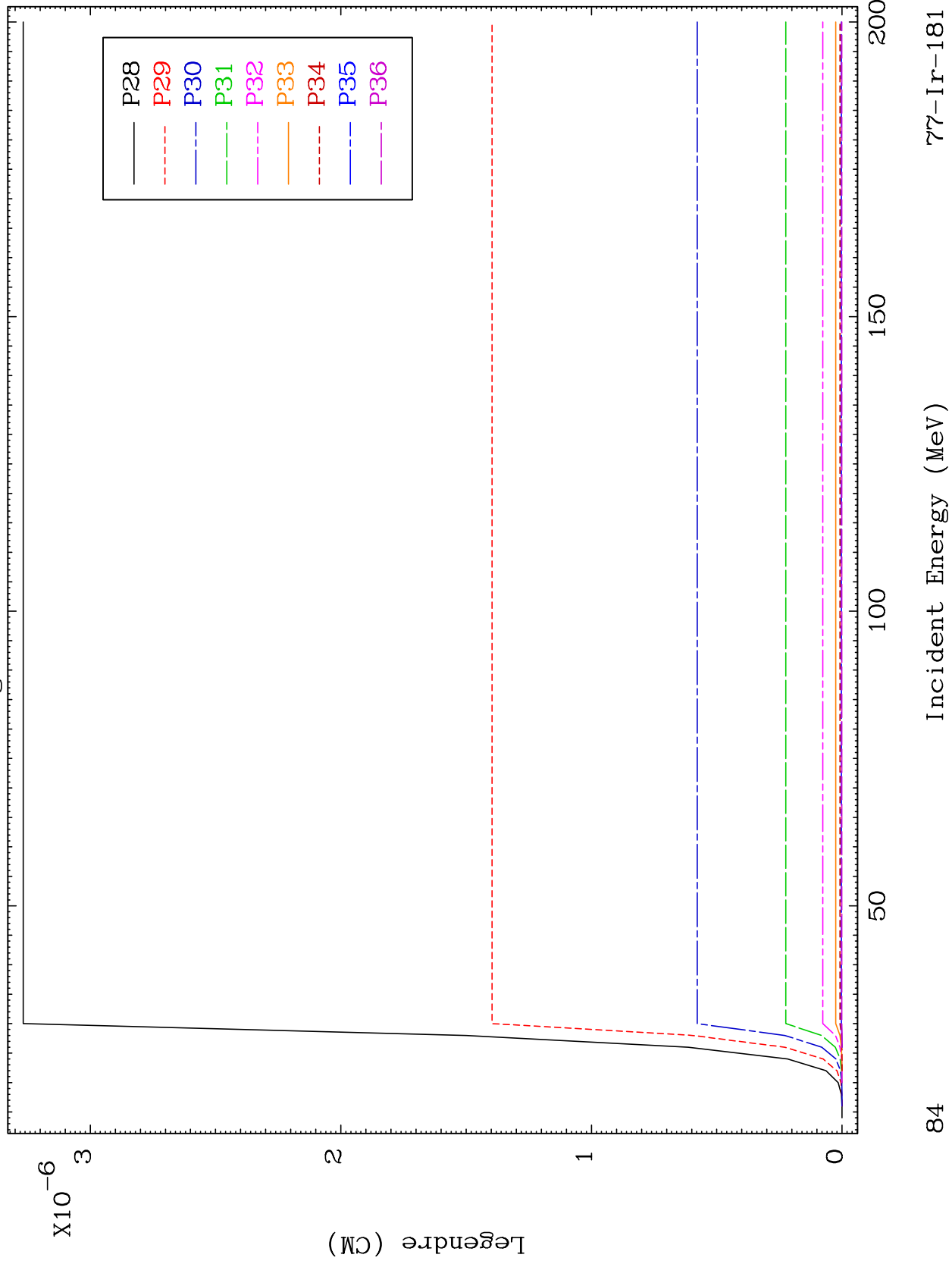
83

77-Ir-181

MAT 7695

MT= 66 (n,n') Level
Legendre Coefficients

77-Ir-181



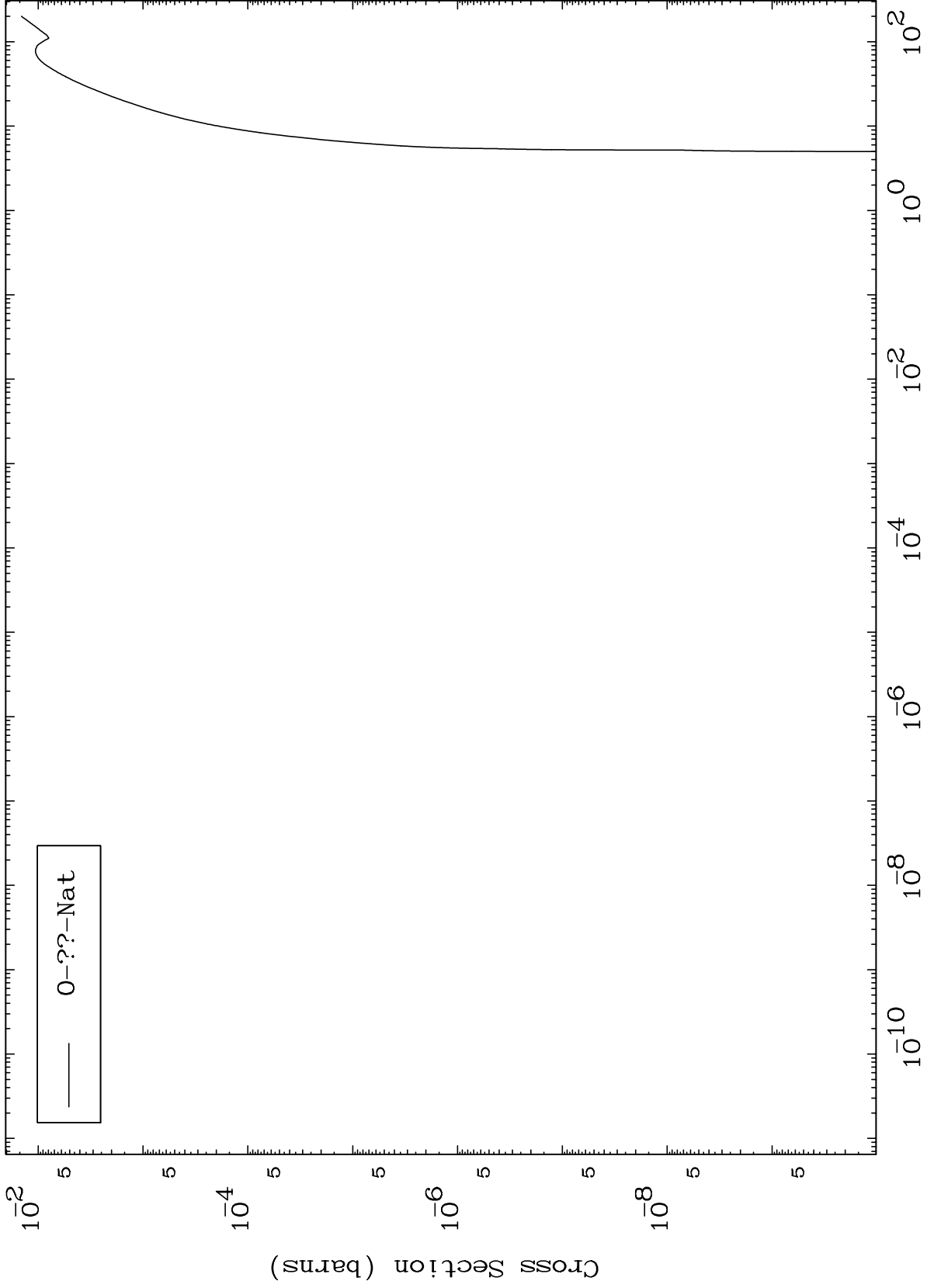
84

MAT 7695

Fission

⁷⁷Ir-181

Radionuclide Production Cross Section



85

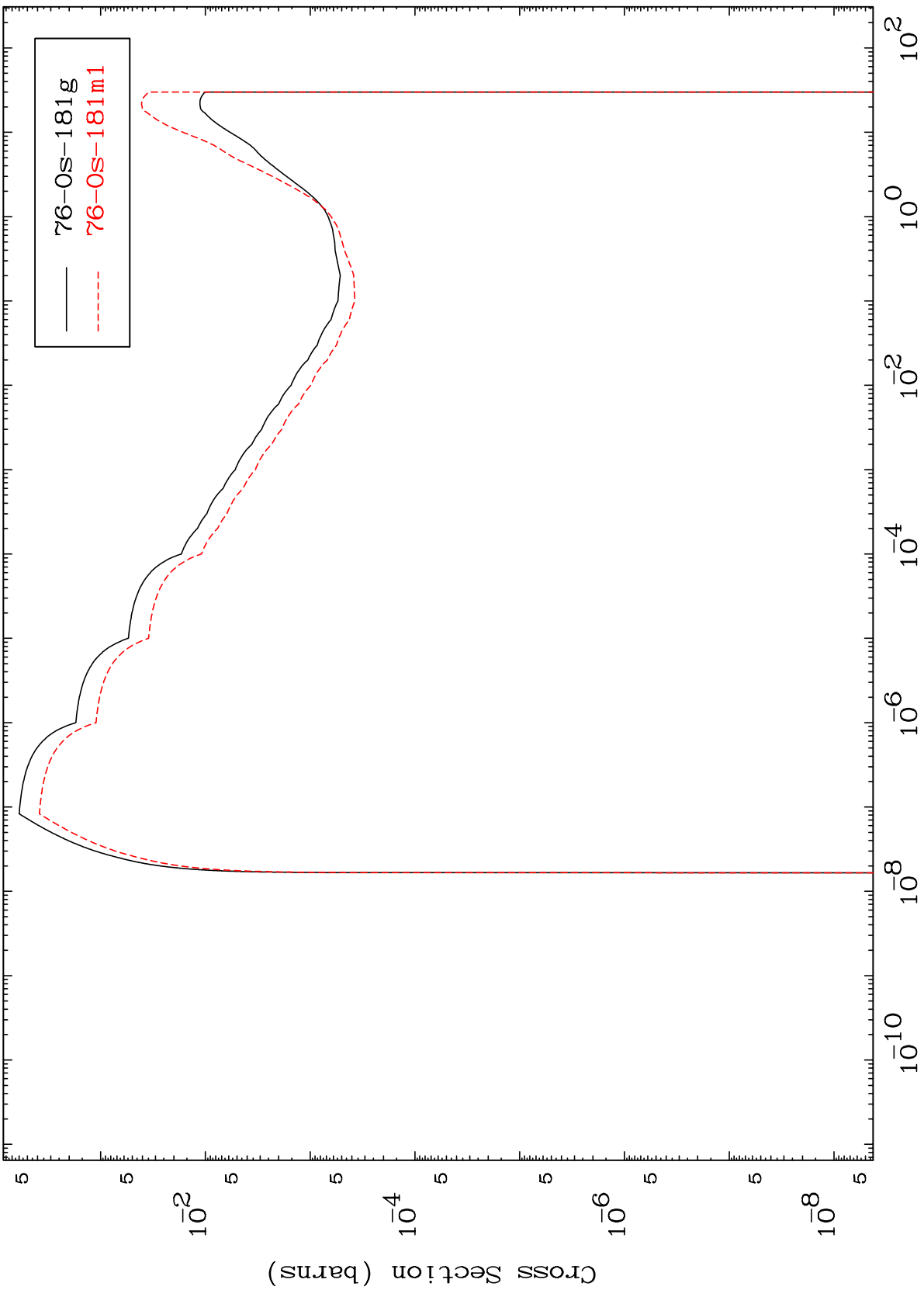
Incident Energy (MeV)

⁷⁷Ir-181

MAT 7695

⁷⁷Ir-181

(n,p)
Radionuclide Production Cross Section



86

⁷⁷Ir-181