

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

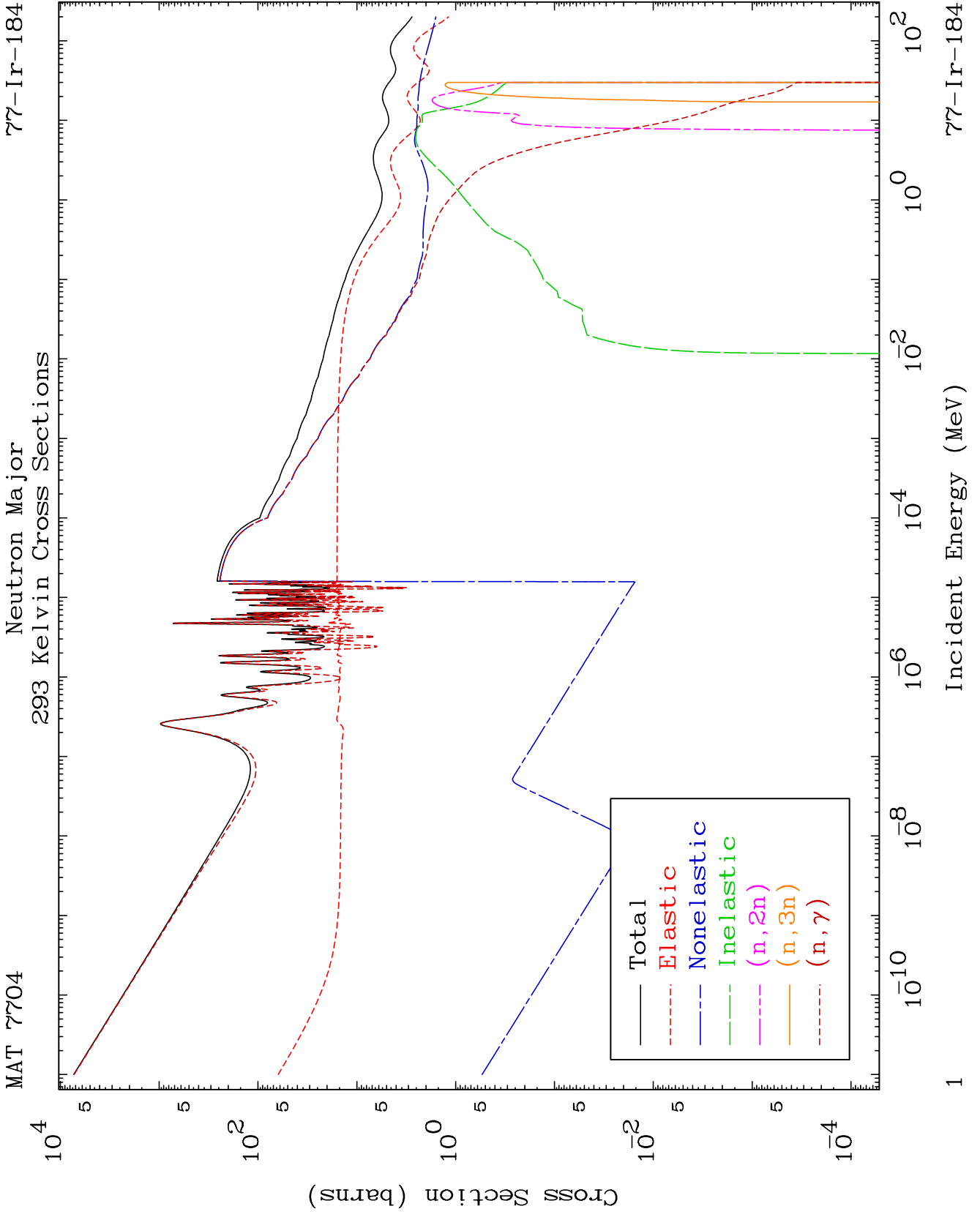
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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

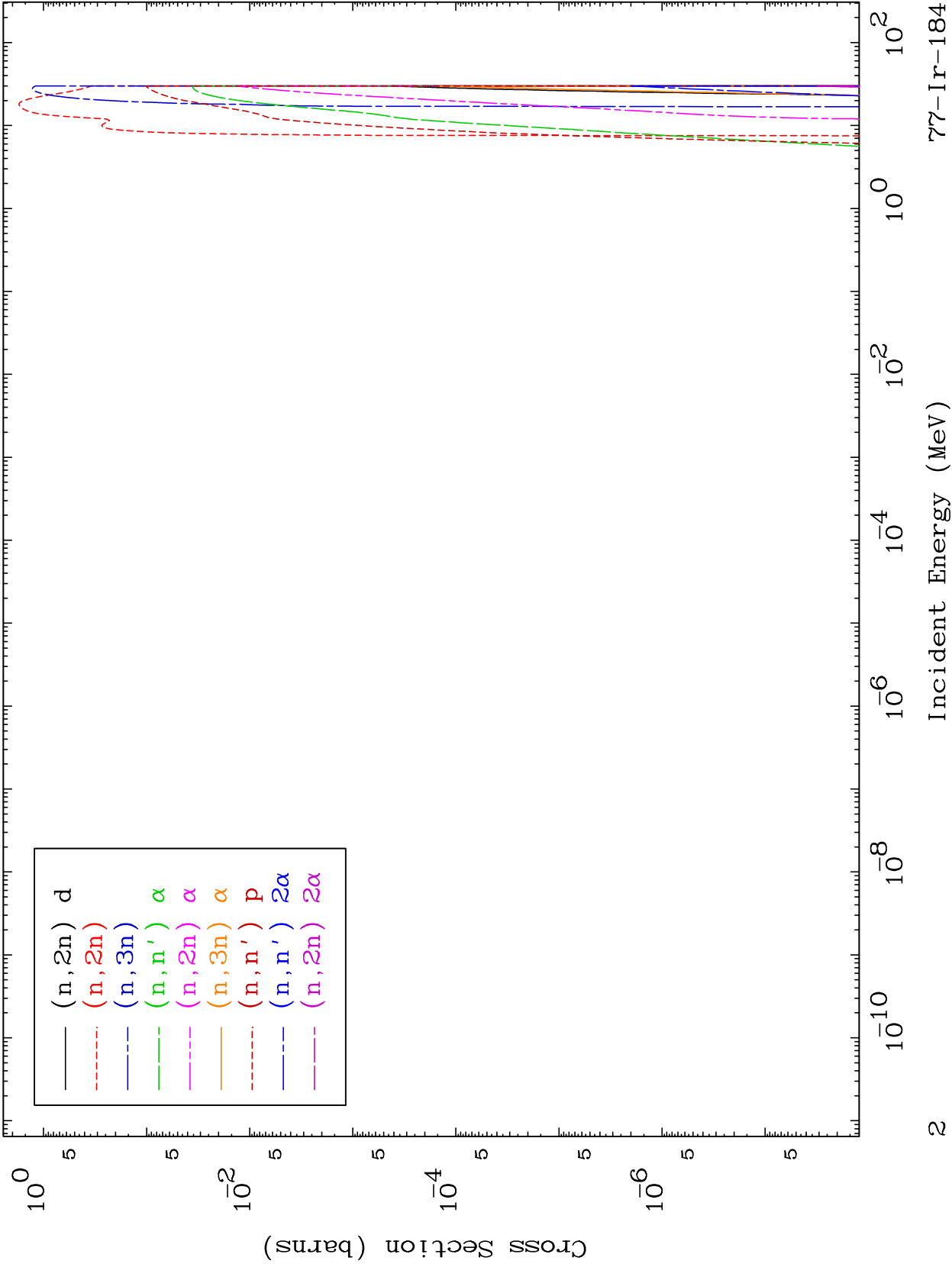
Press Mouse Button to Start



MAT 7704

Neutron Absorption
293 Kelvin Cross Sections

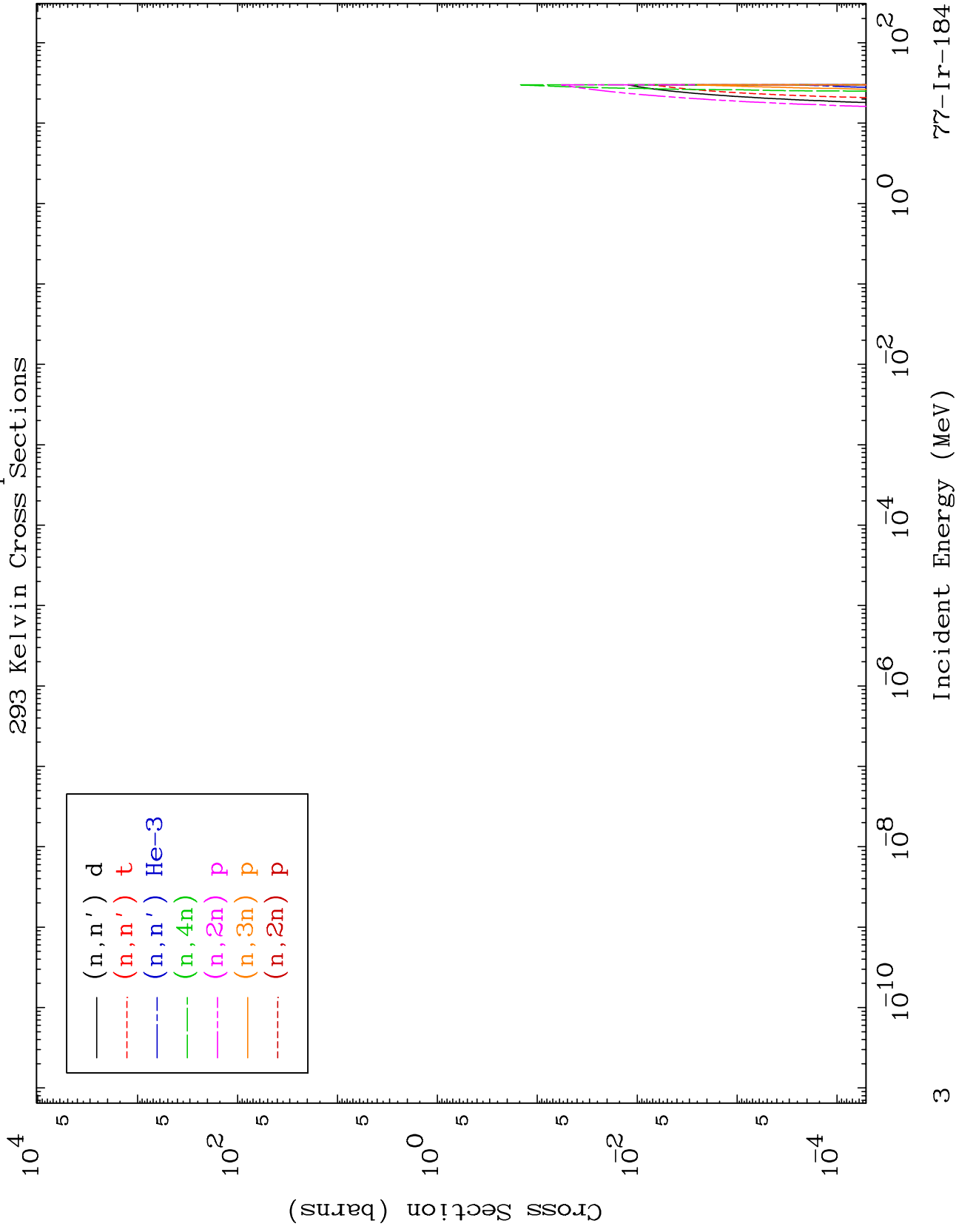
77-Ir-184



MAT 7704

Neutron Absorption
293 Kelvin Cross Sections

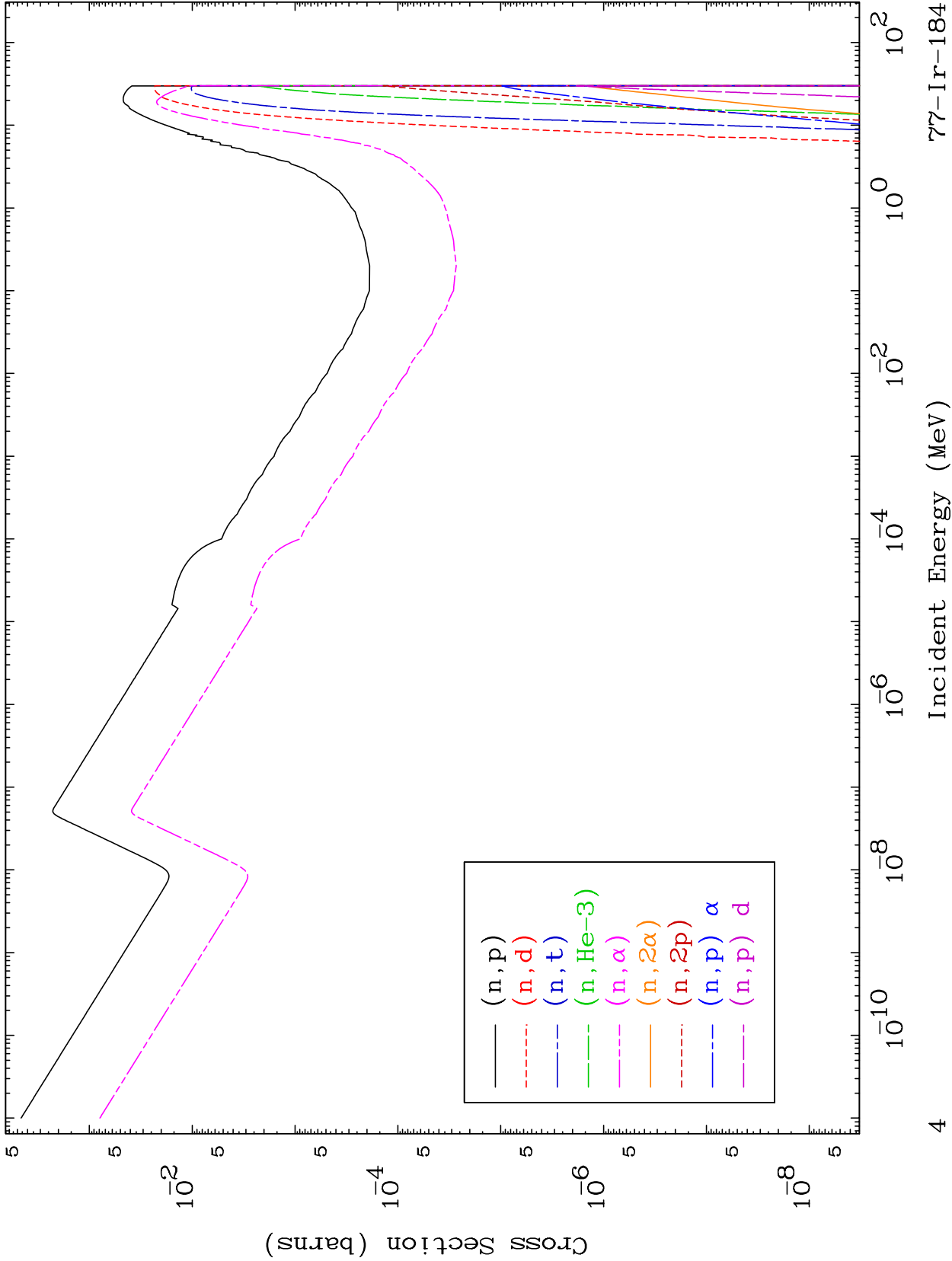
77-Ir-184



MAT 7704

Neutron Absorption
293 Kelvin Cross Sections

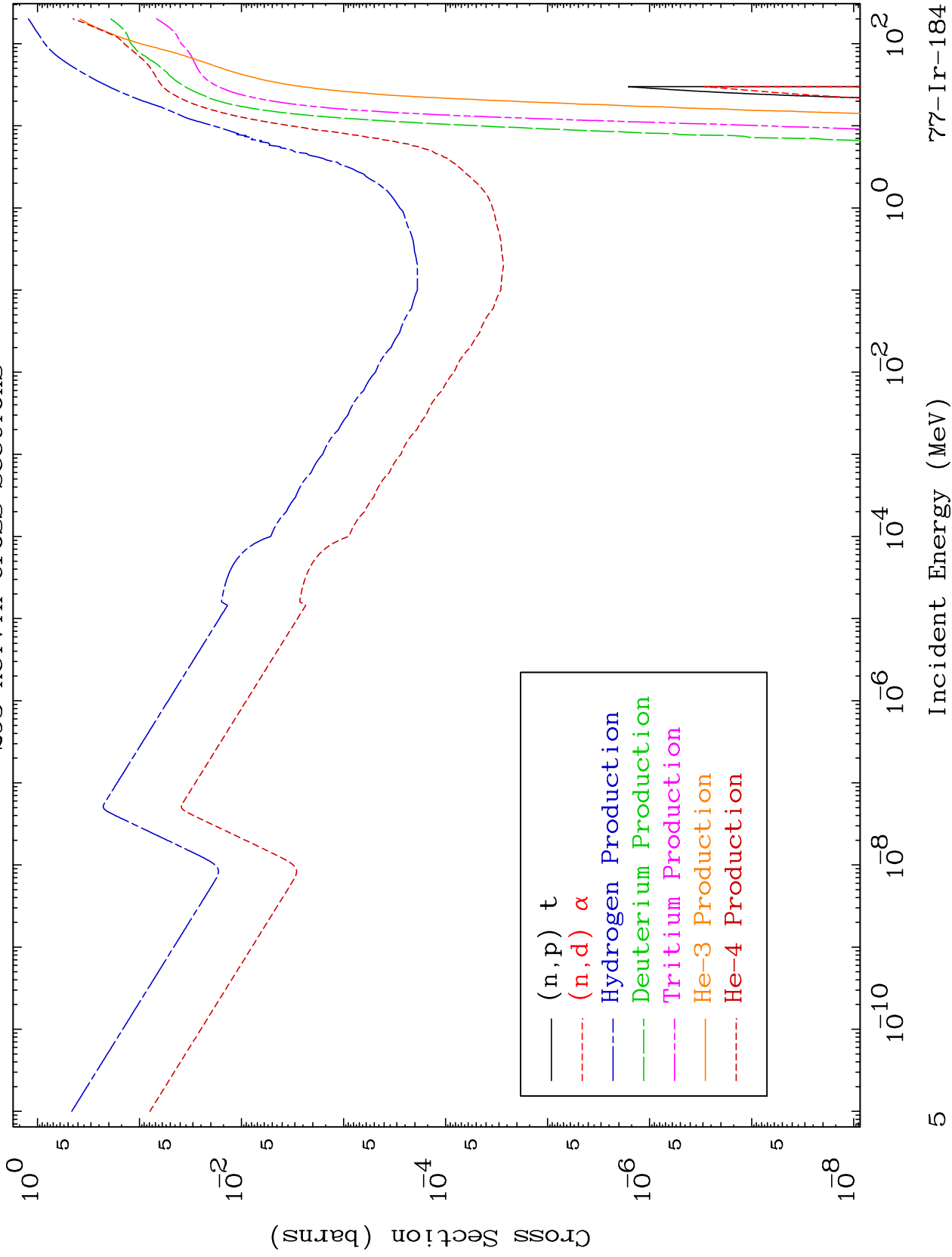
77-Ir-184



MAT 7704

Neutron Absorption
293 Kelvin Cross Sections

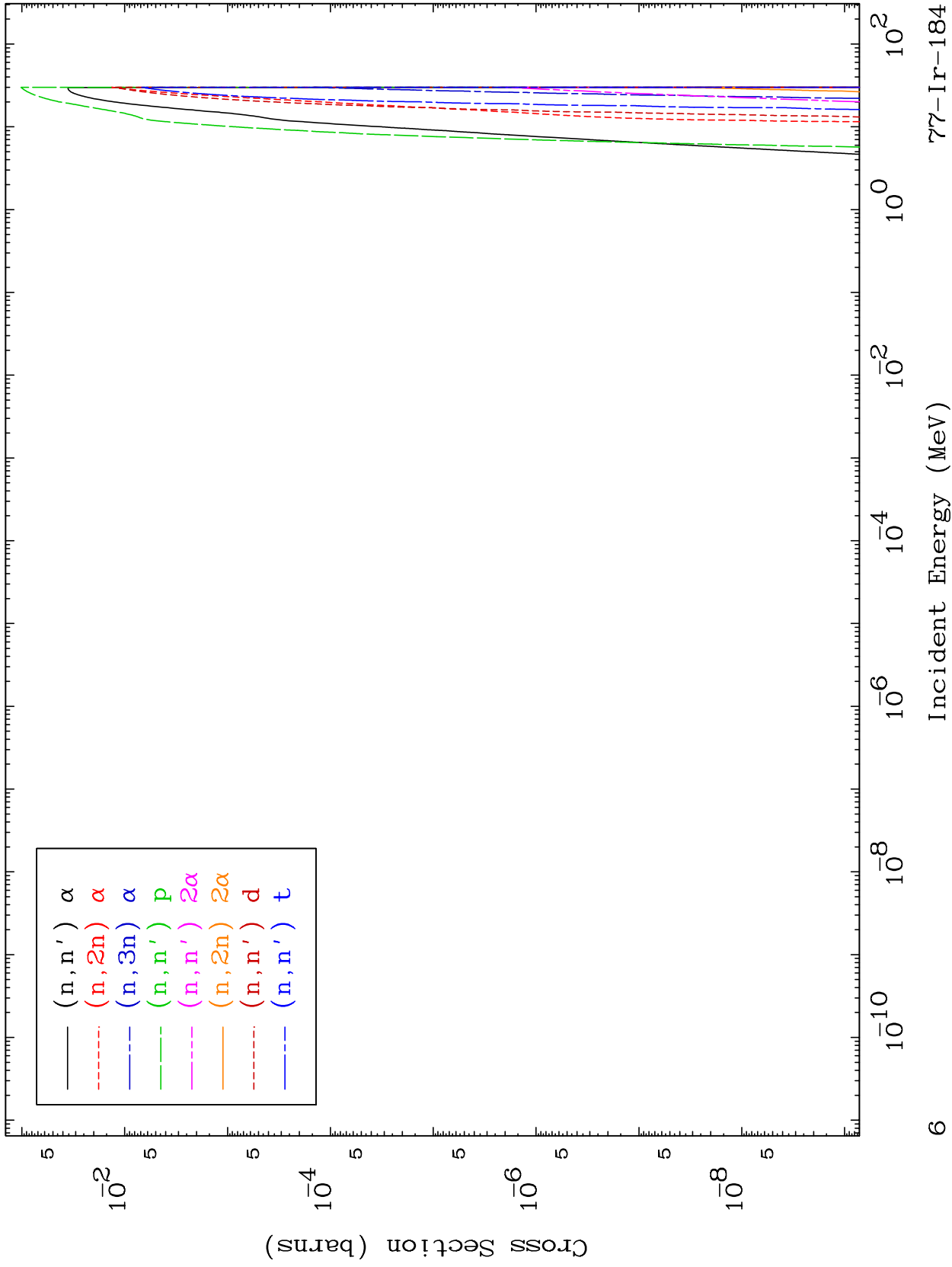
77-Ir-184



MAT 7704

Charged Particle
293 Kelvin Cross Sections

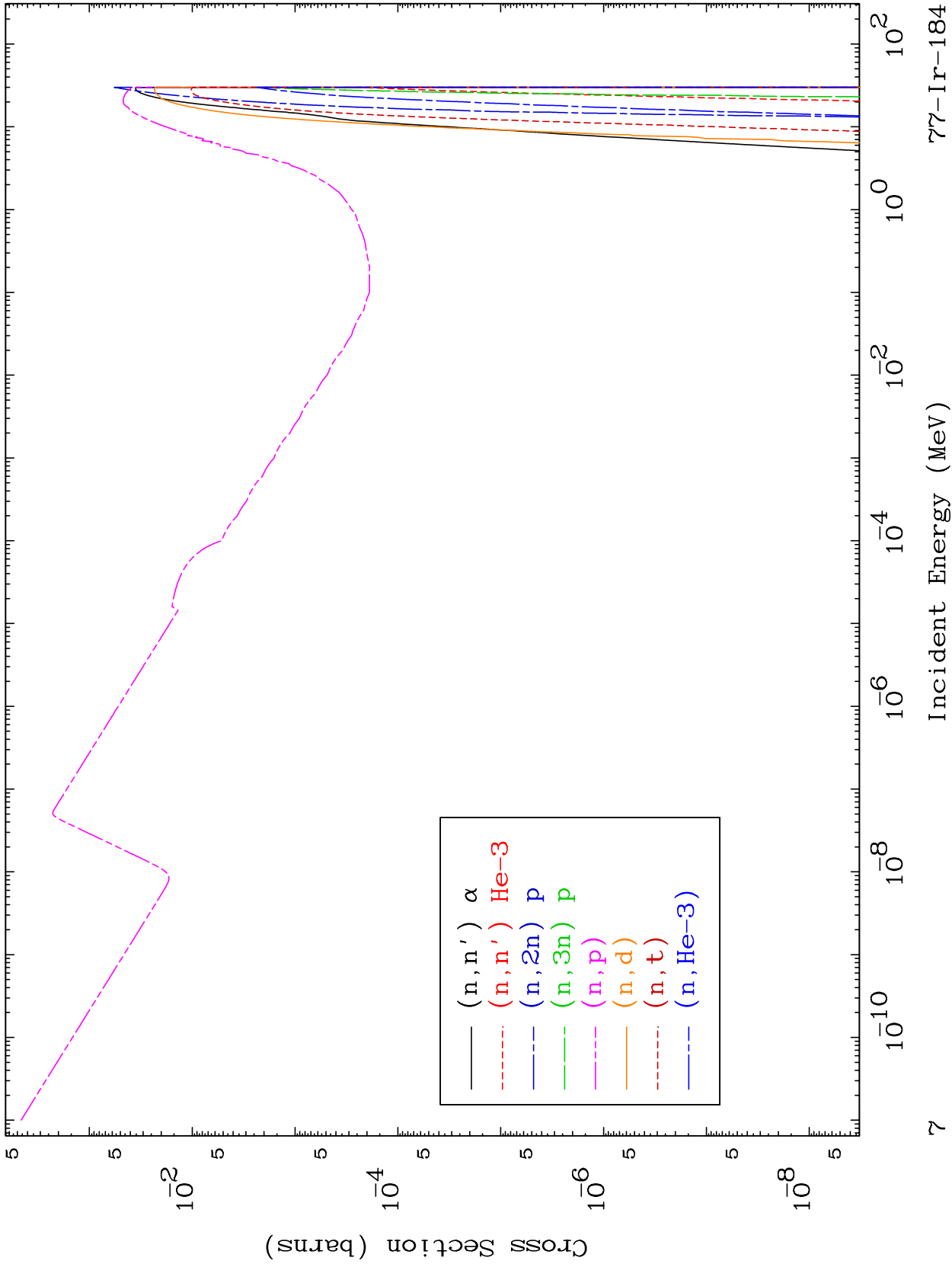
77-Ir-184



MAT 7704

Charged Particle
293 Kelvin Cross Sections

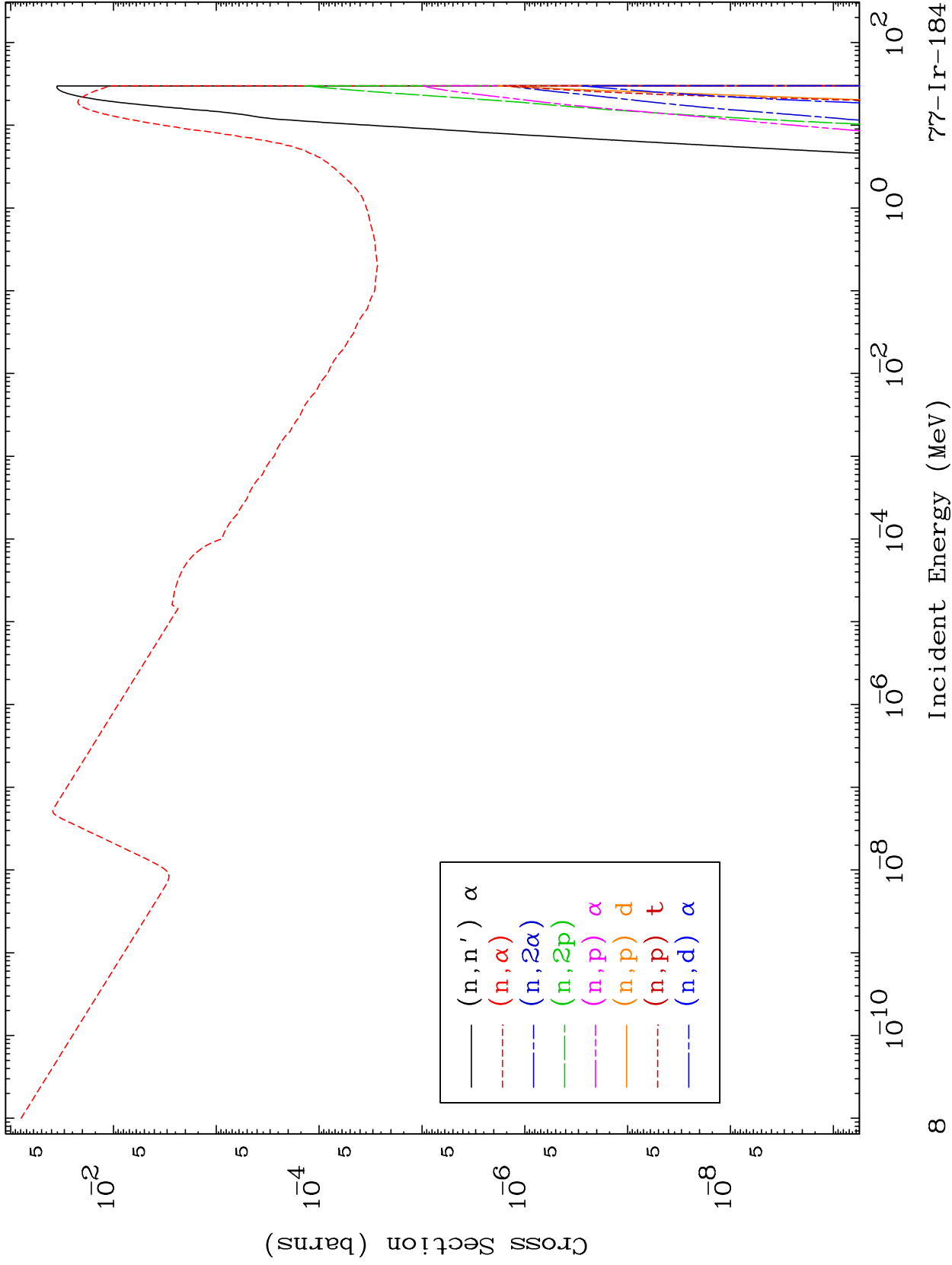
77-Ir-184



MAT 7704

Charged Particle
293 Kelvin Cross Sections

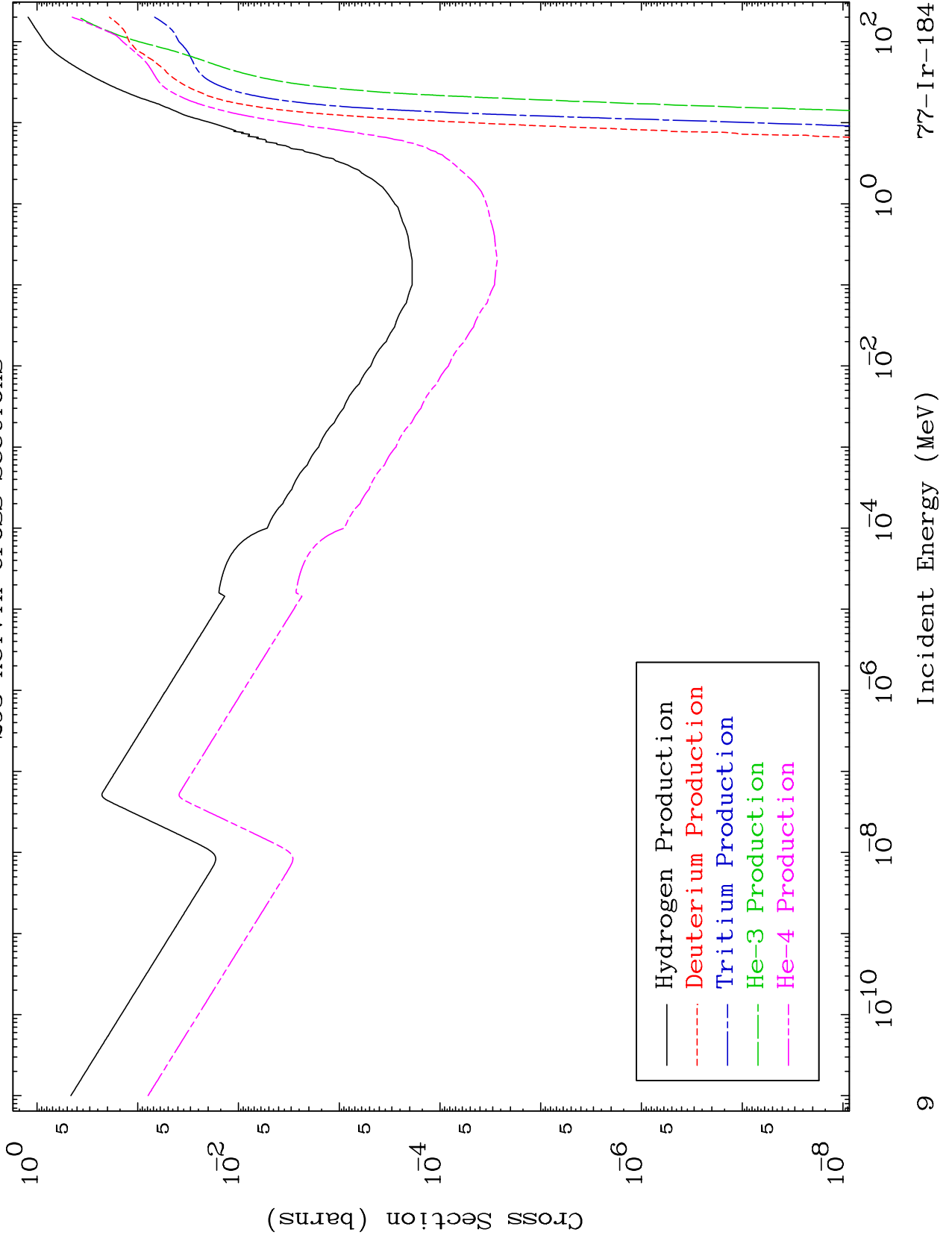
77-Ir-184



MAT 7704

Particle Production
293 Kelvin Cross Sections

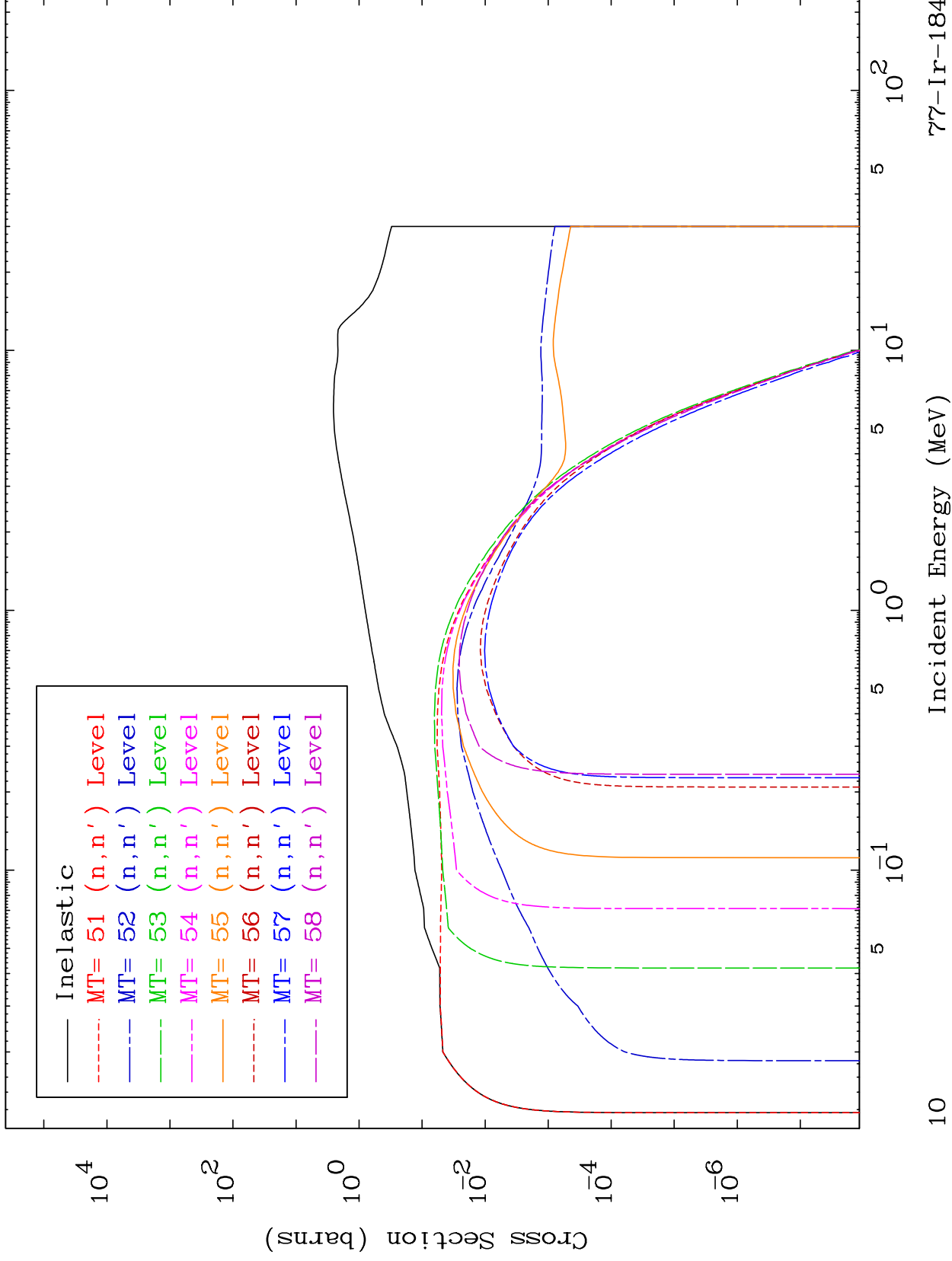
77-Ir-184



MAT 7704

(n,n') Levels
293 Kelvin Cross Sections

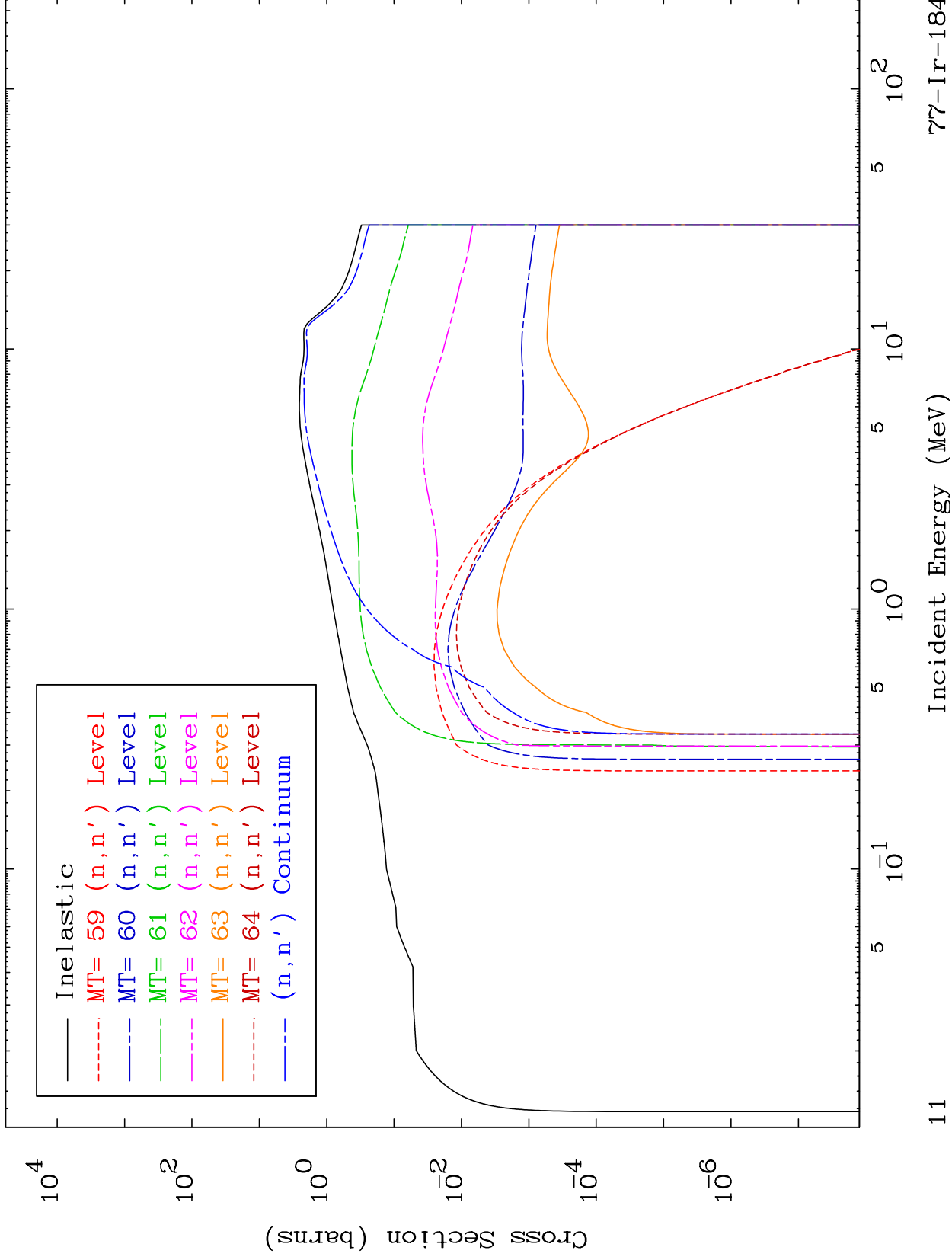
77-Ir-184



10

Incident Energy (MeV)

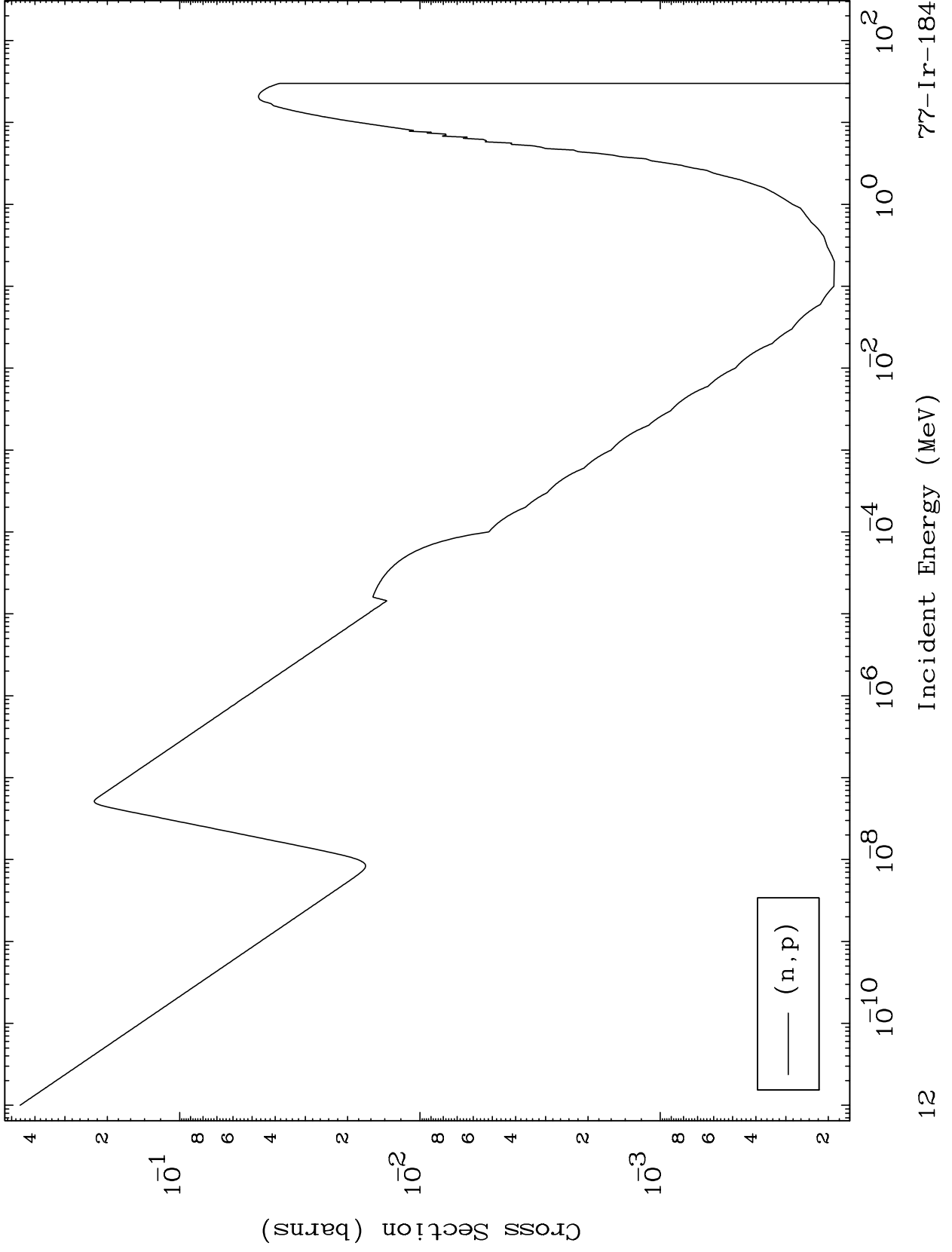
77-Ir-184



MAT 7704

(n,p) Levels
293 Kelvin Cross Sections

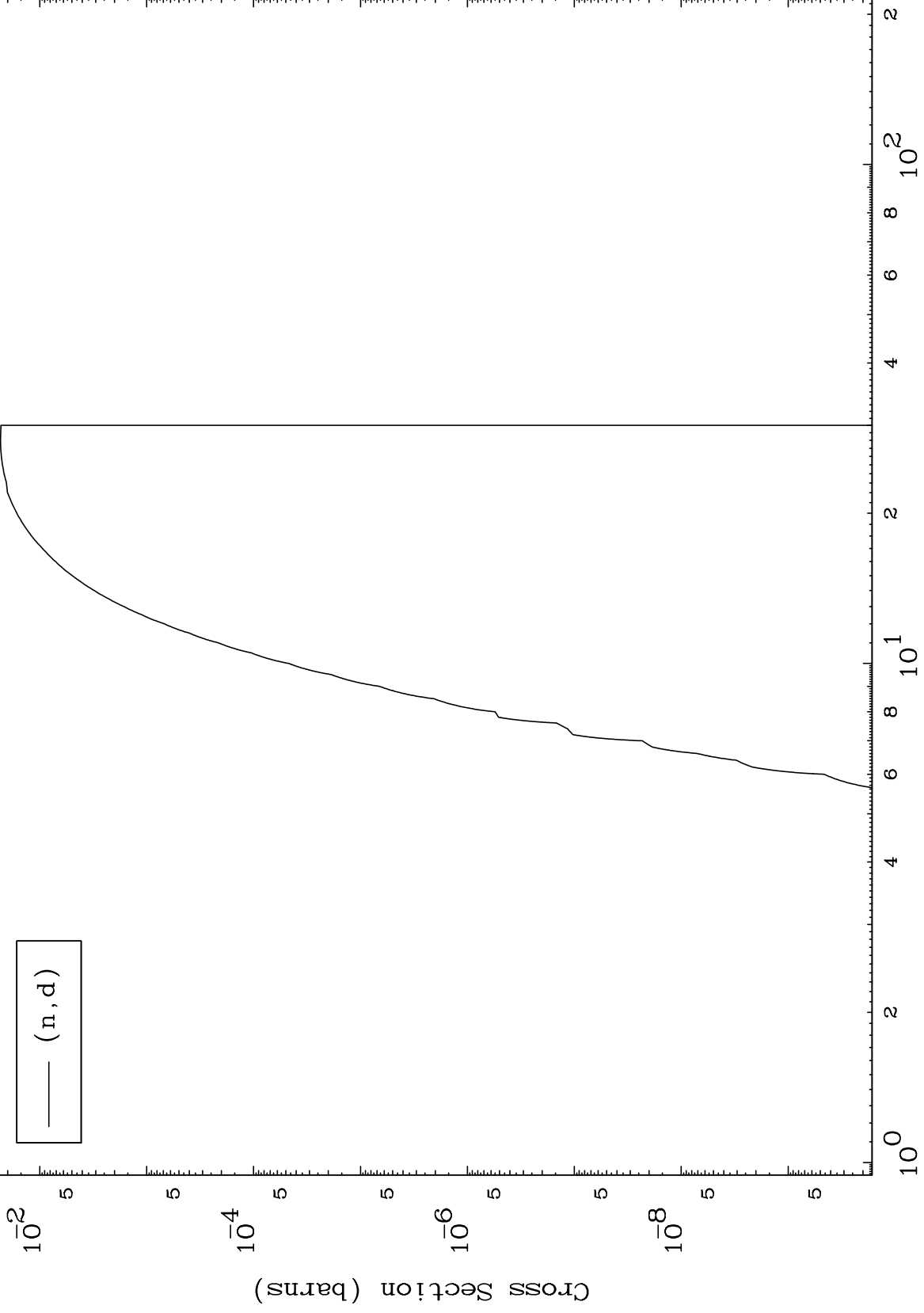
77-Ir-184



MAT 7704

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-184



13

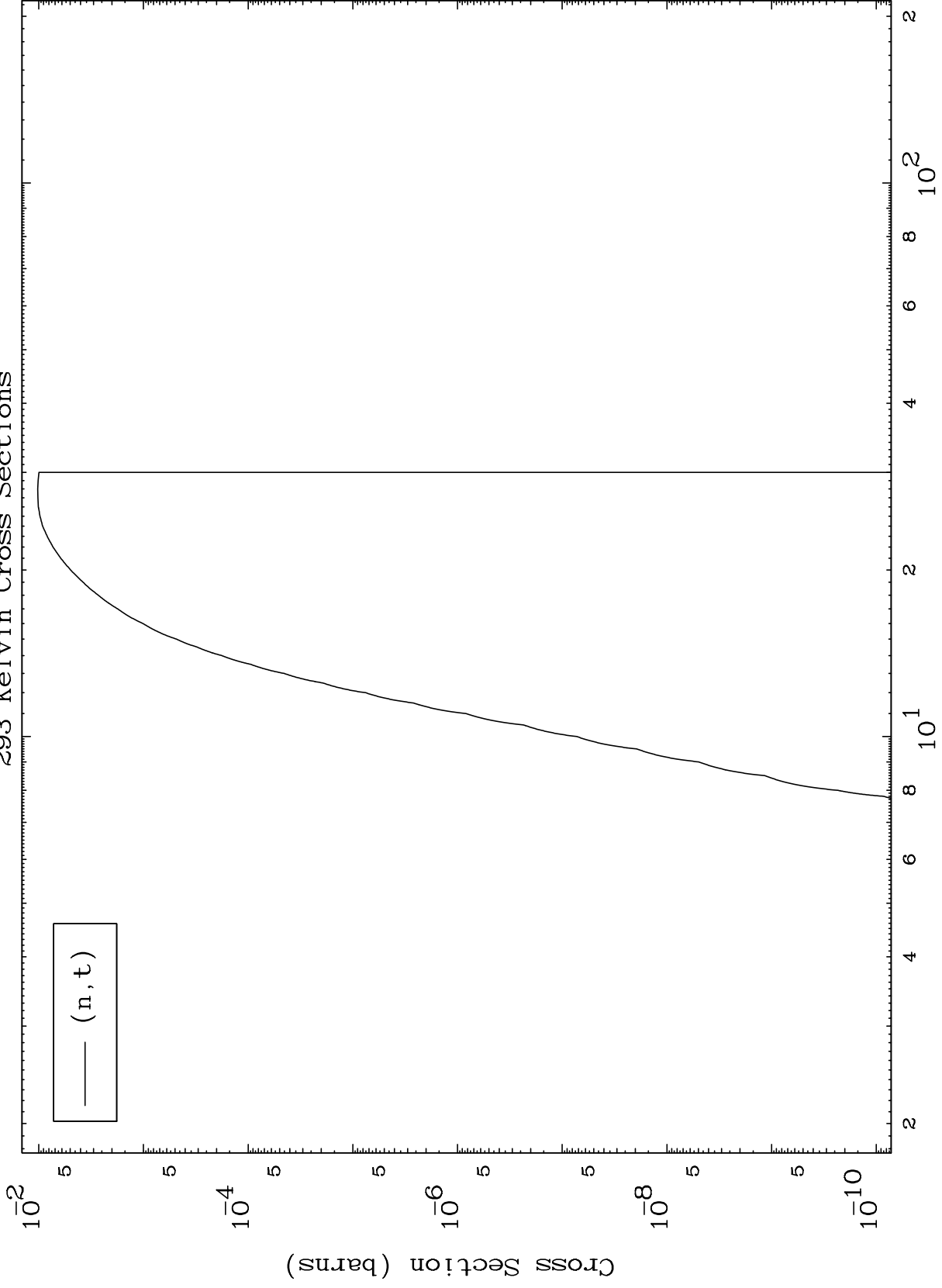
Incident Energy (MeV)

77-Ir-184

MAT 7704

293 Kelvin Cross Sections
(n,t) Levels

77-Ir-184



14

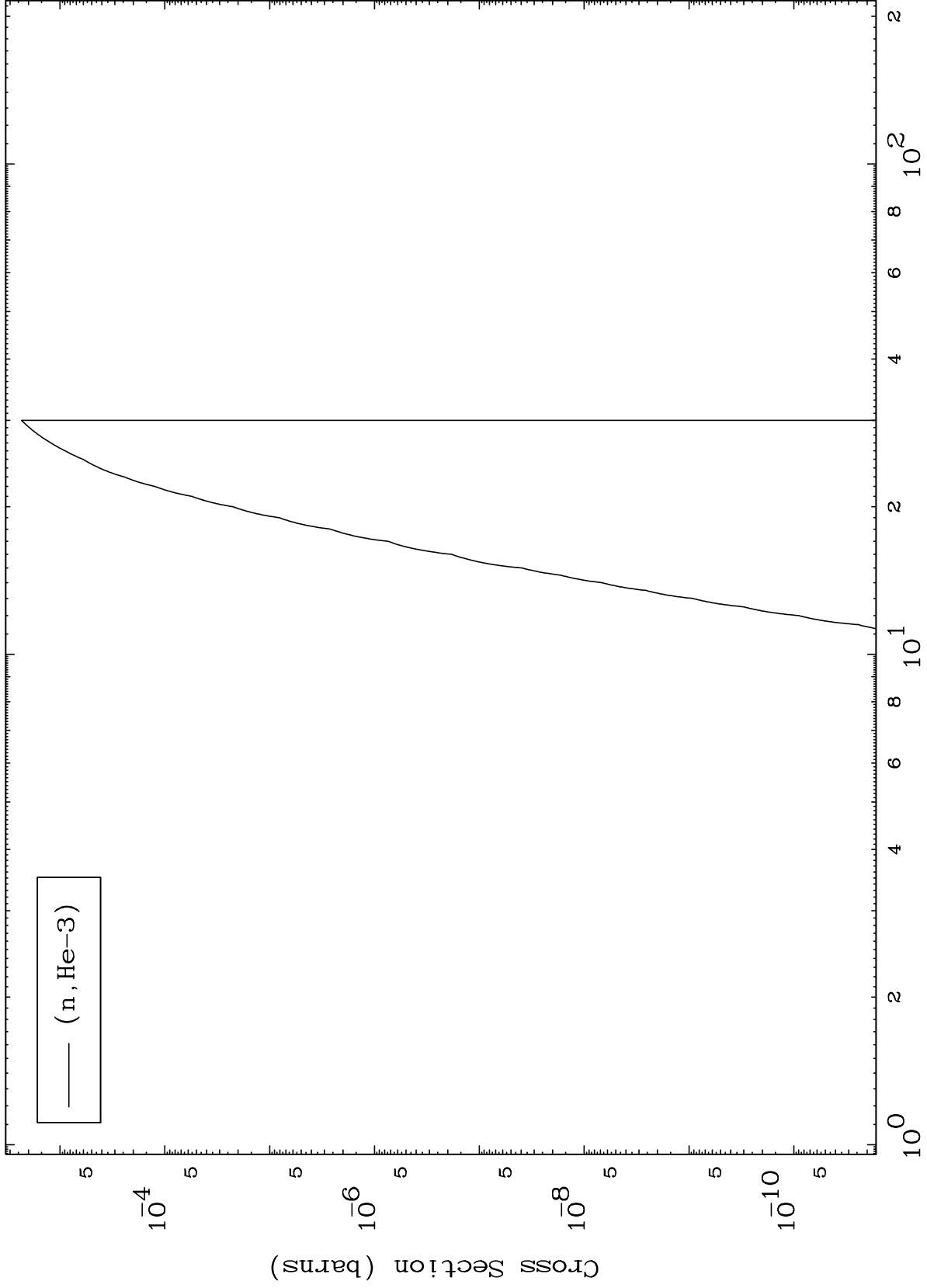
Incident Energy (MeV)

77-Ir-184

MAT 7704

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-184



15

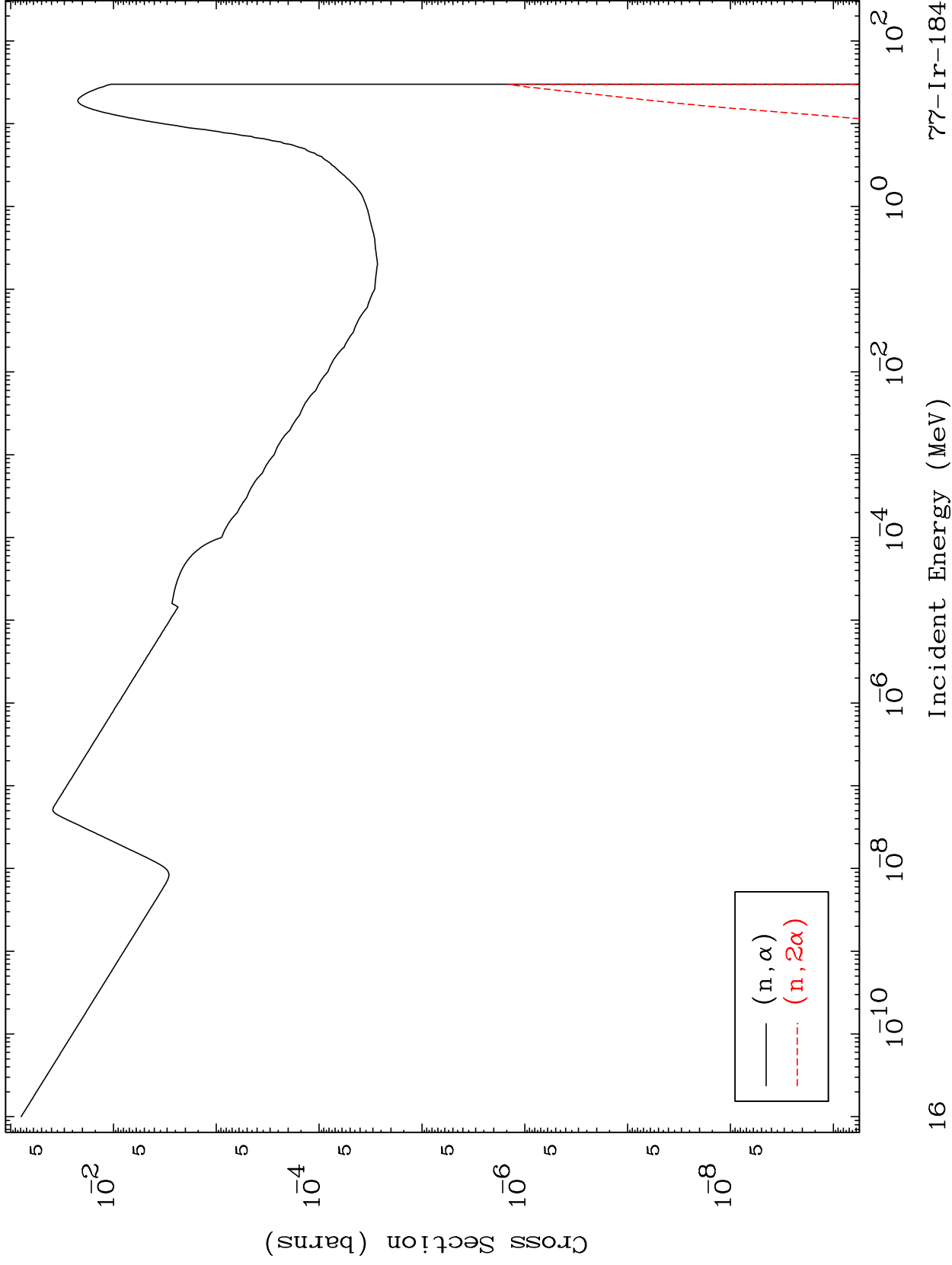
Incident Energy (MeV)

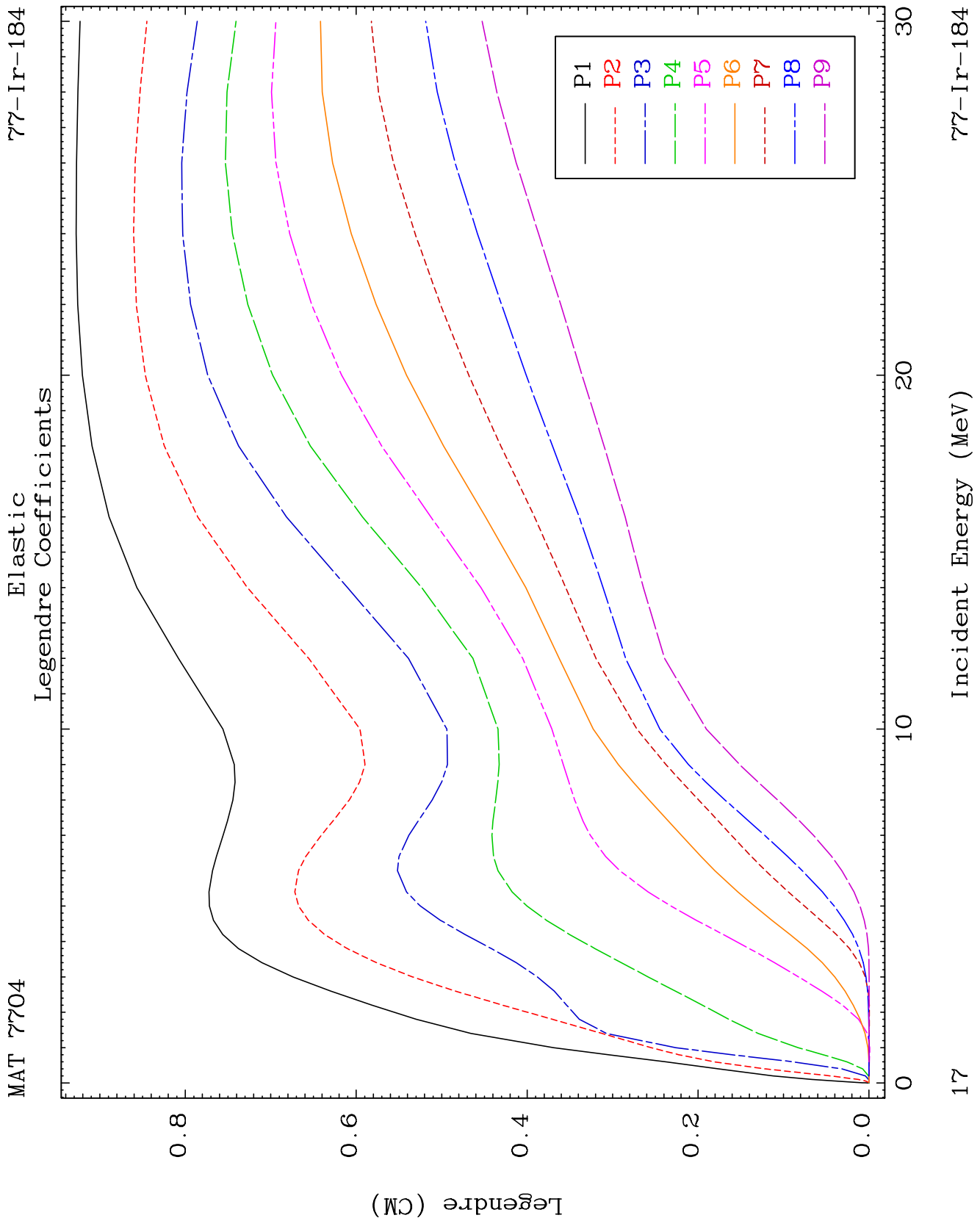
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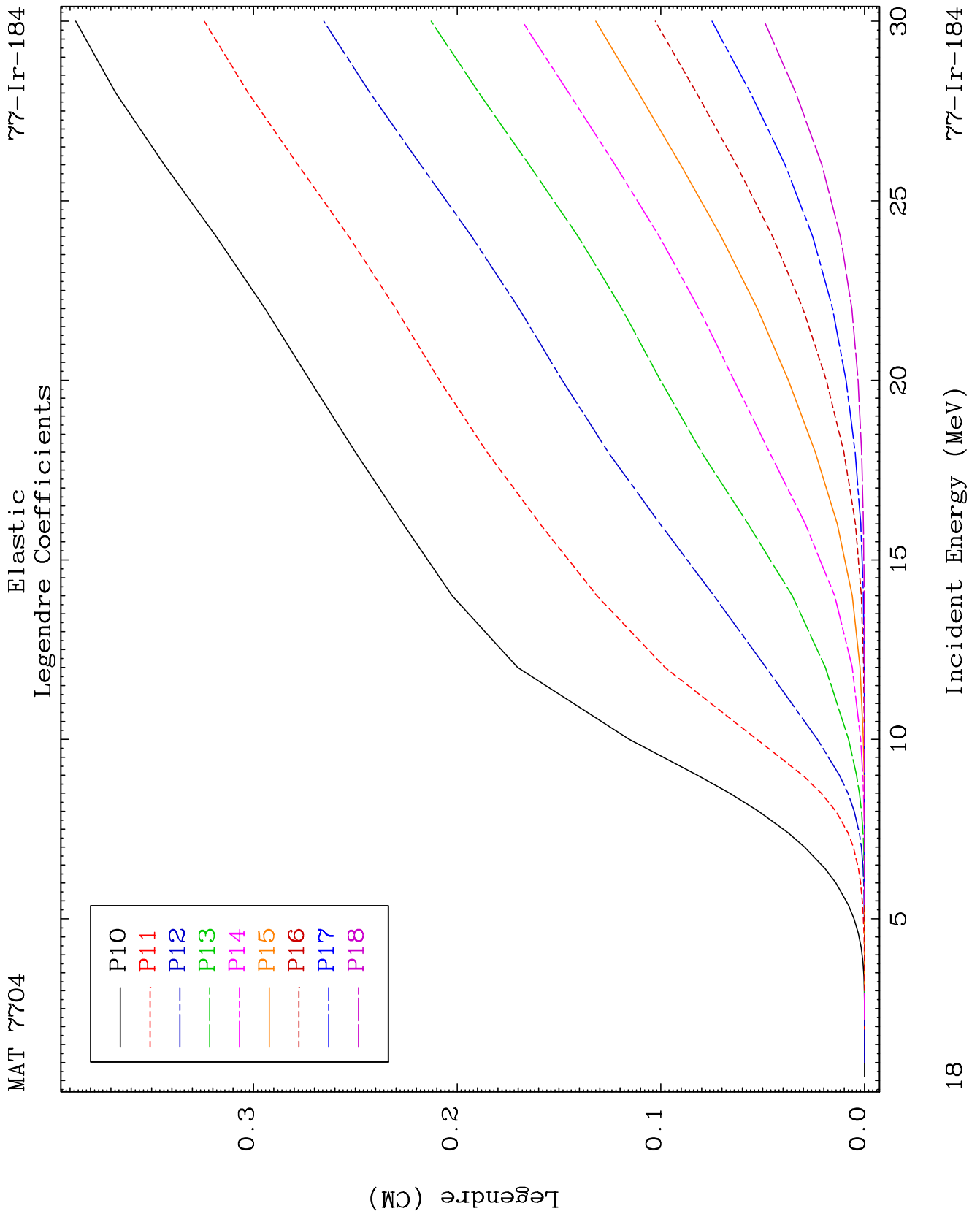
MAT 7704

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-184



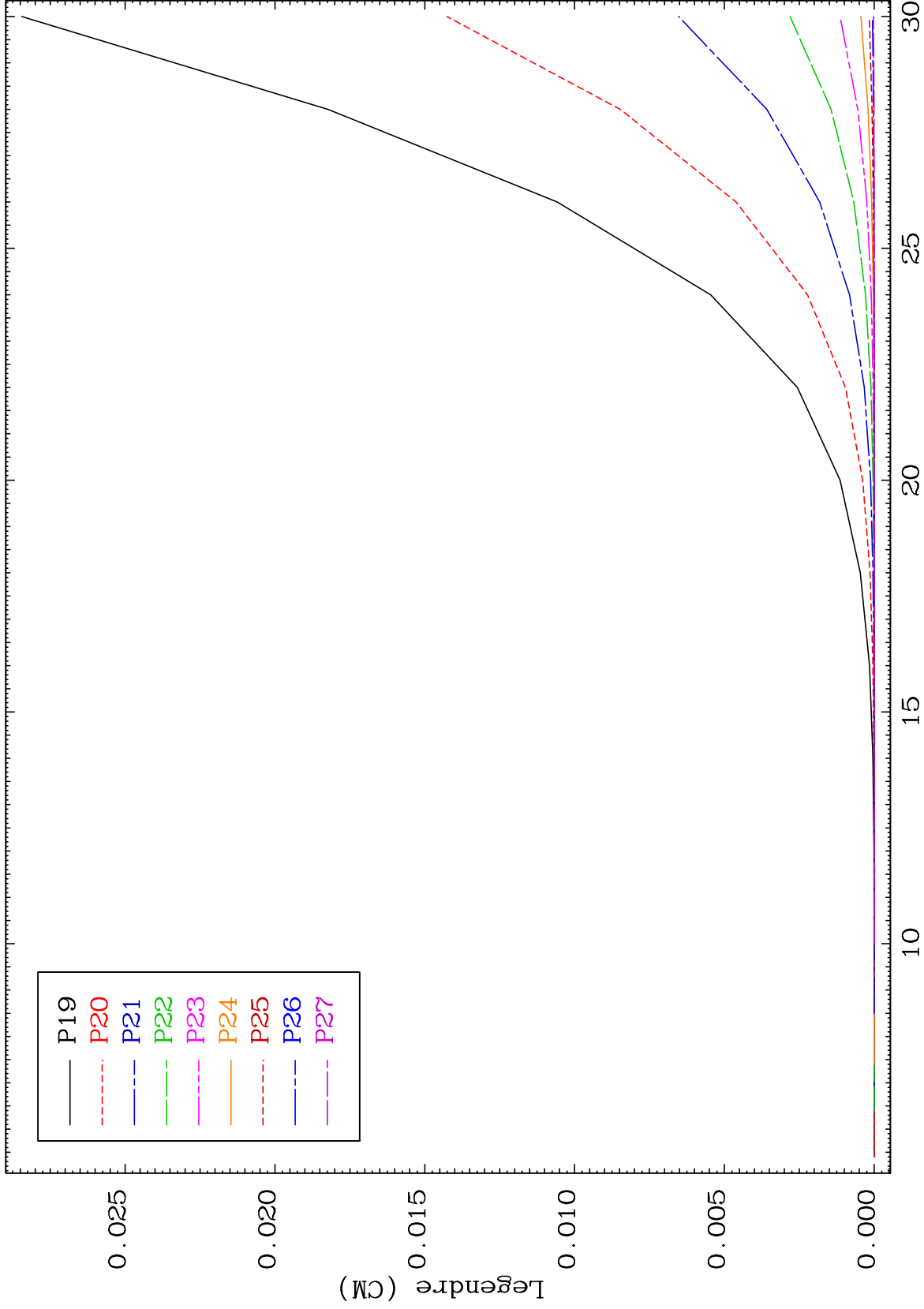




MAT 7704

Elastic Legendre Coefficients

77-Ir-184



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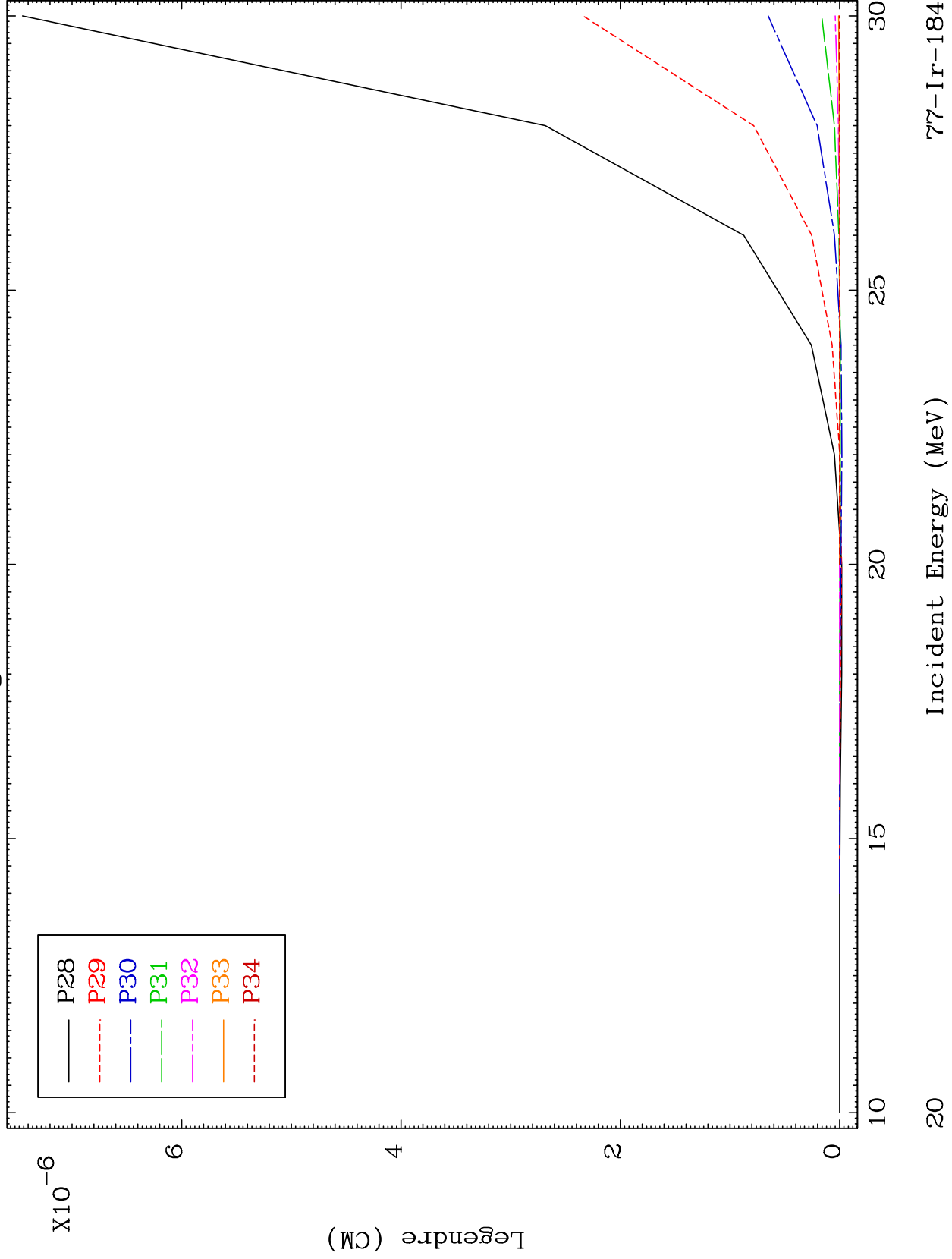
Incident Energy (MeV)

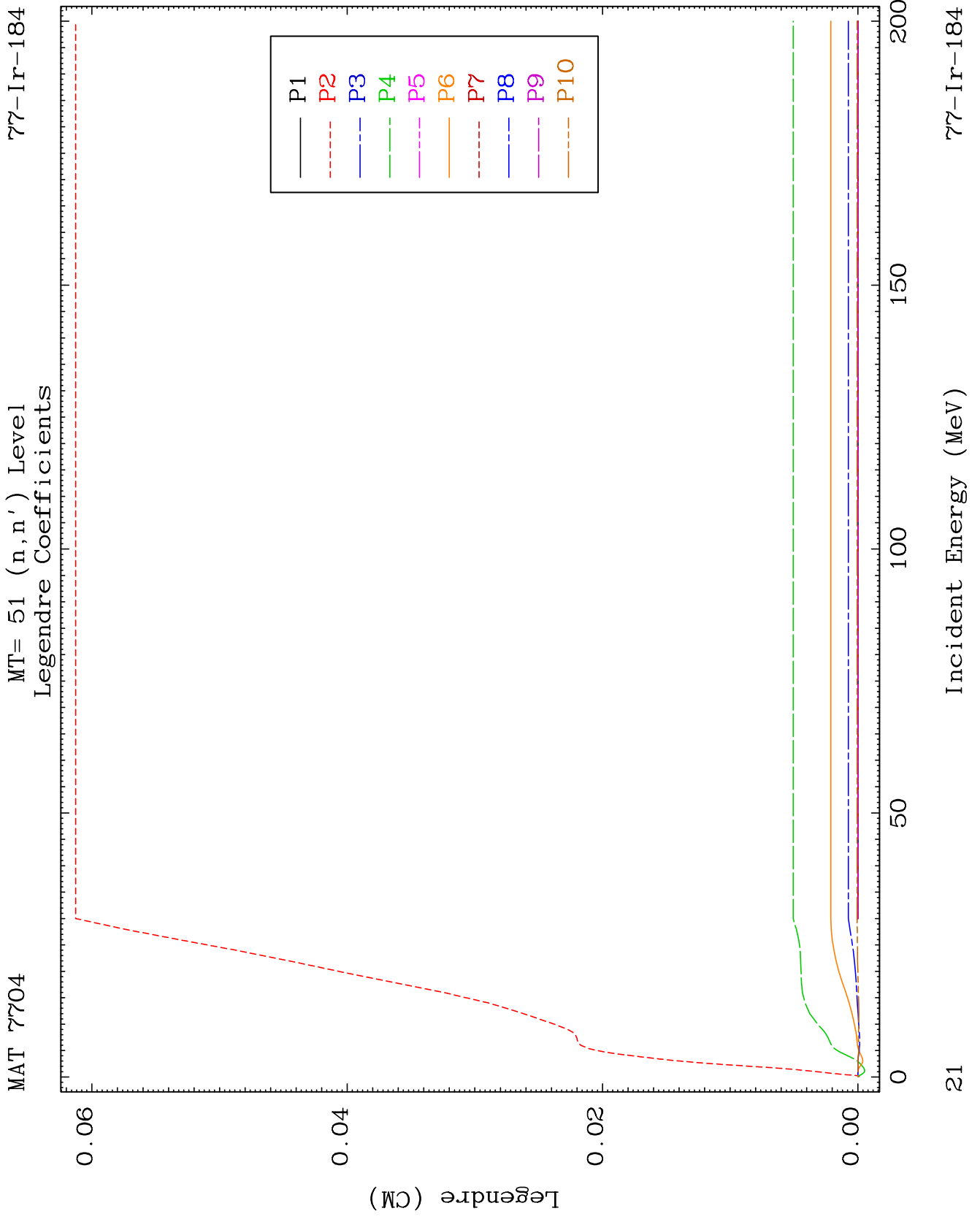
77-Ir-184

MAT 7704

Elastic
Legendre Coefficients

77-Ir-184

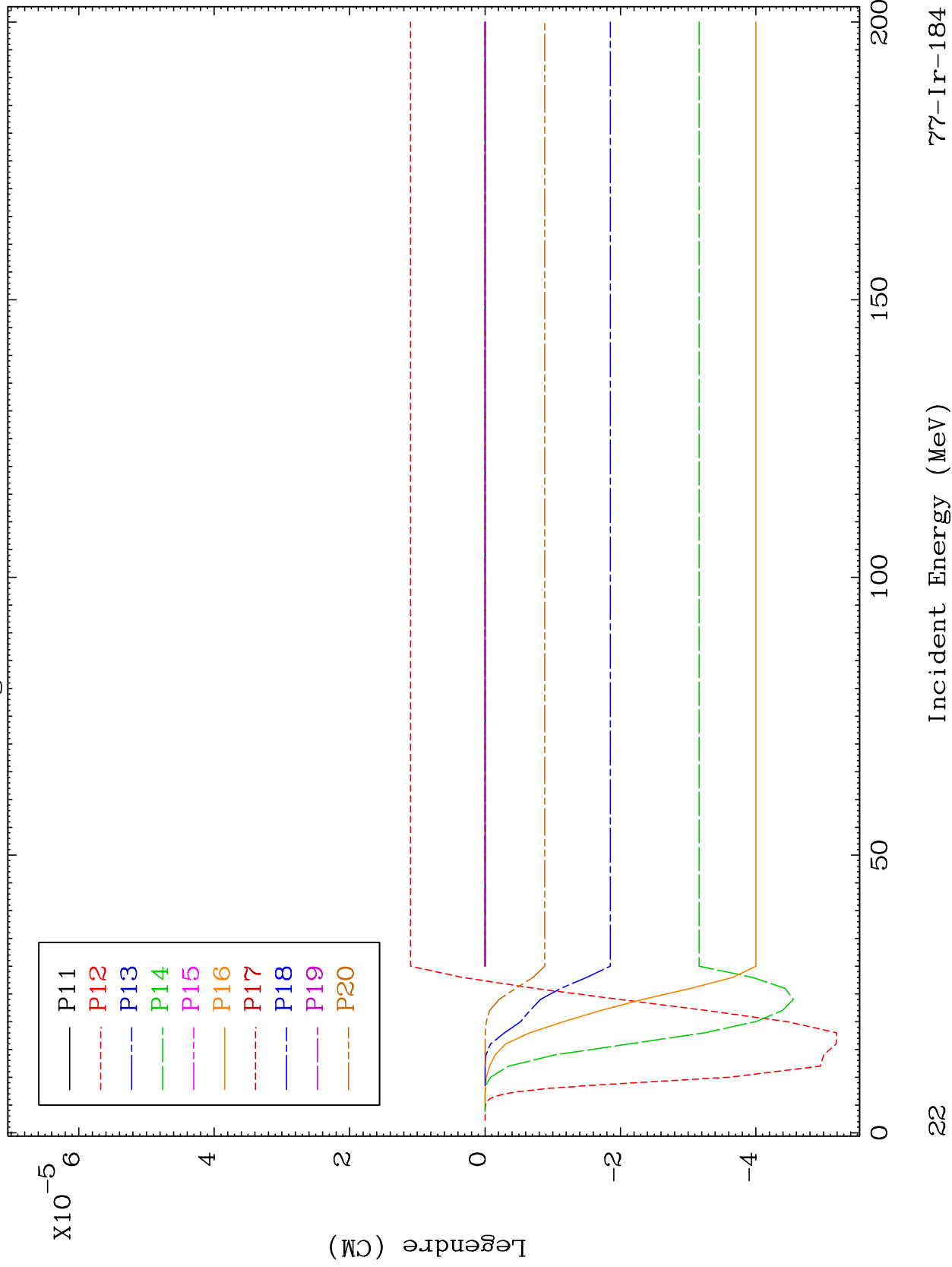




MAT 7704

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

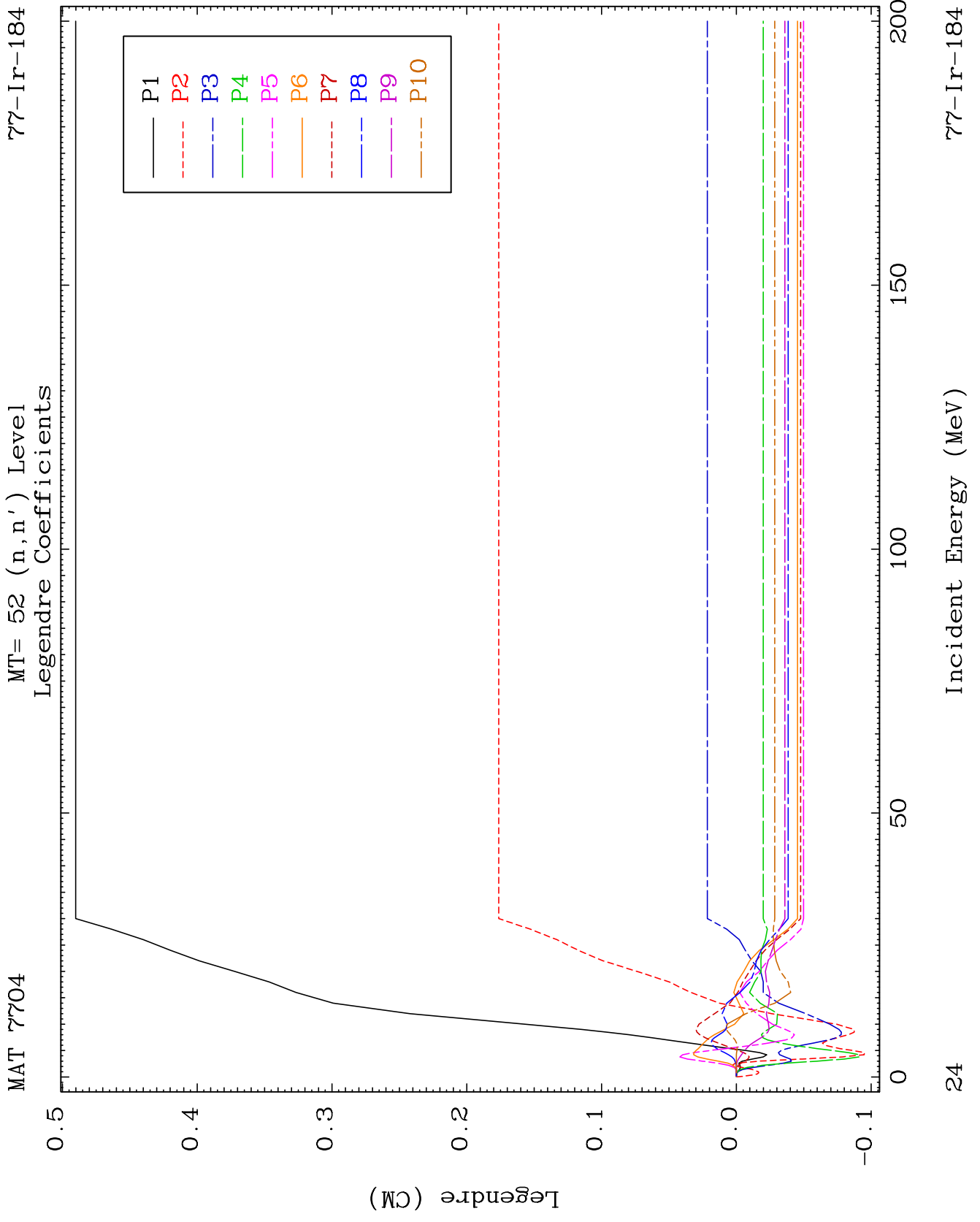
77-Ir-184



22

Incident Energy (MeV)

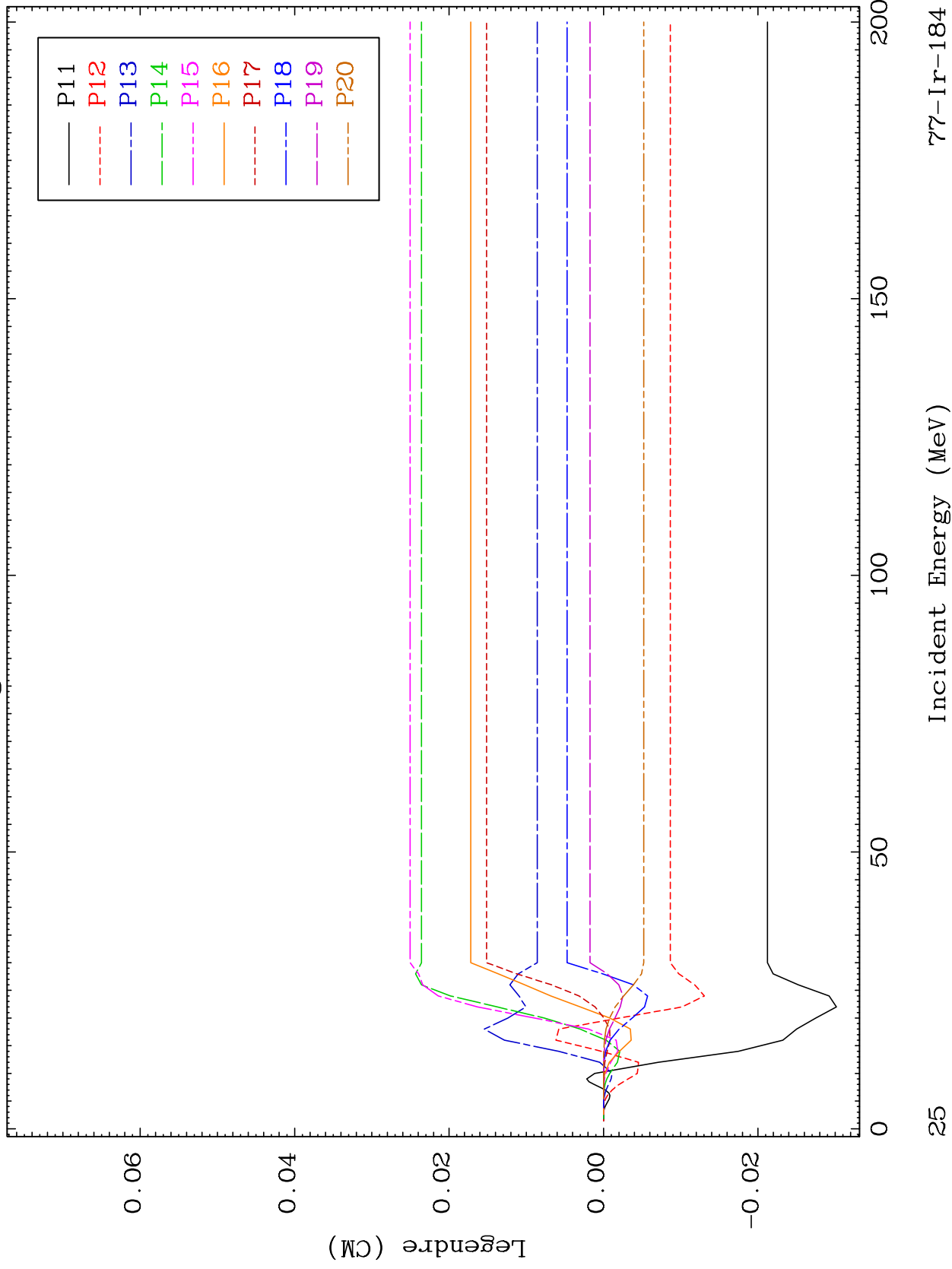
77-Ir-184



MAT 7704

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

77-Ir-184



77-Ir-184

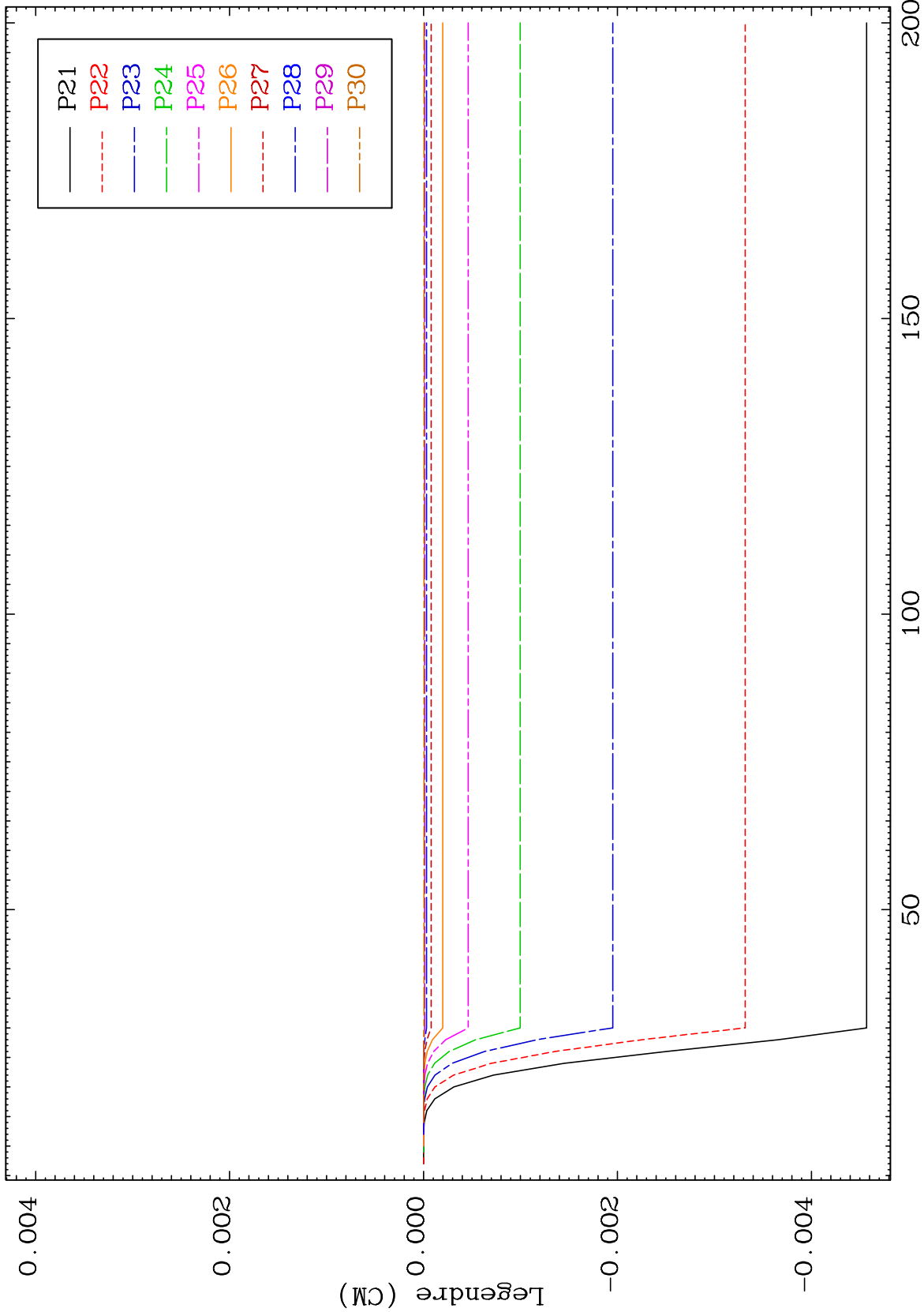
Incident Energy (MeV)

25

MAT 7704

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

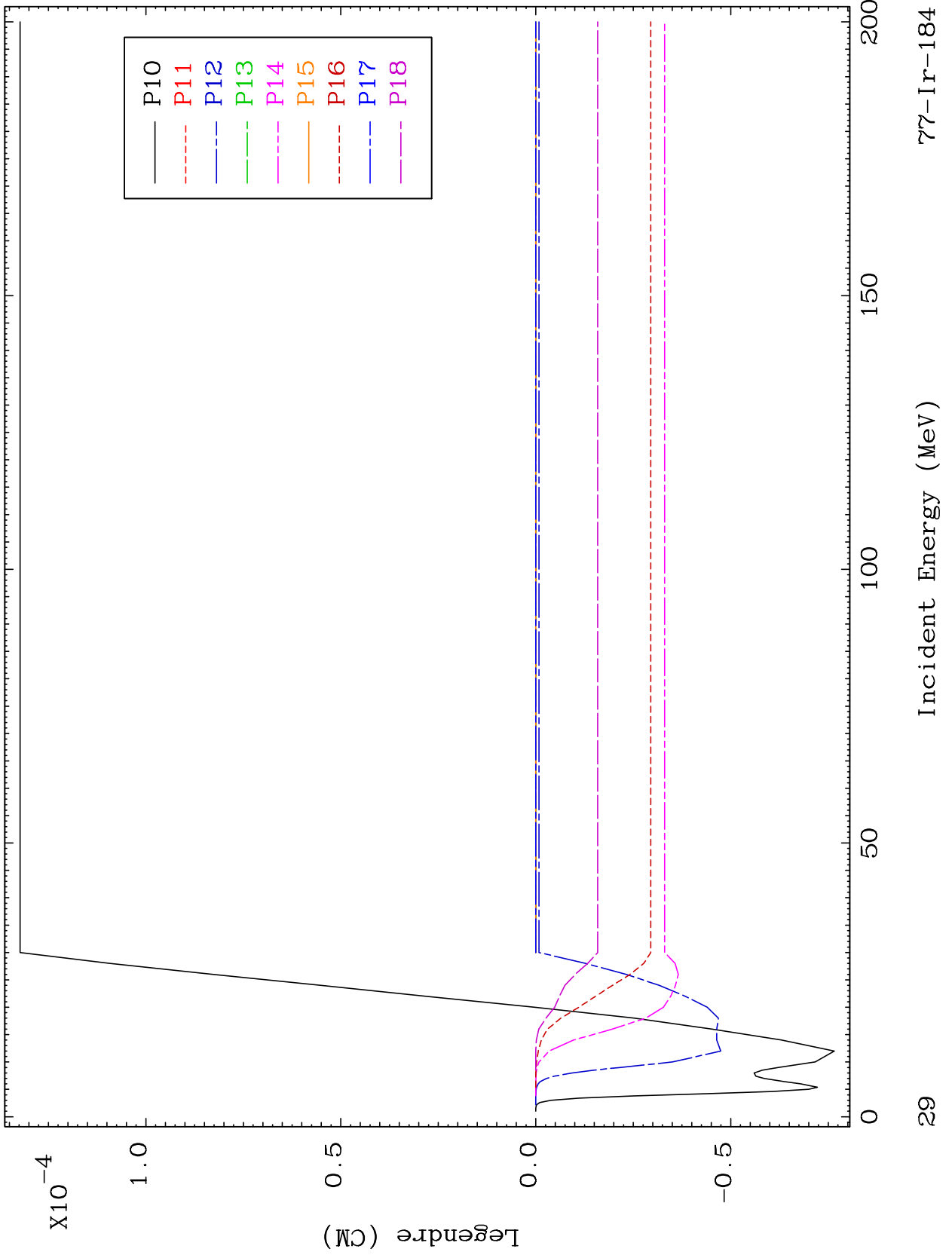
77-Ir-184



26

Incident Energy (MeV)

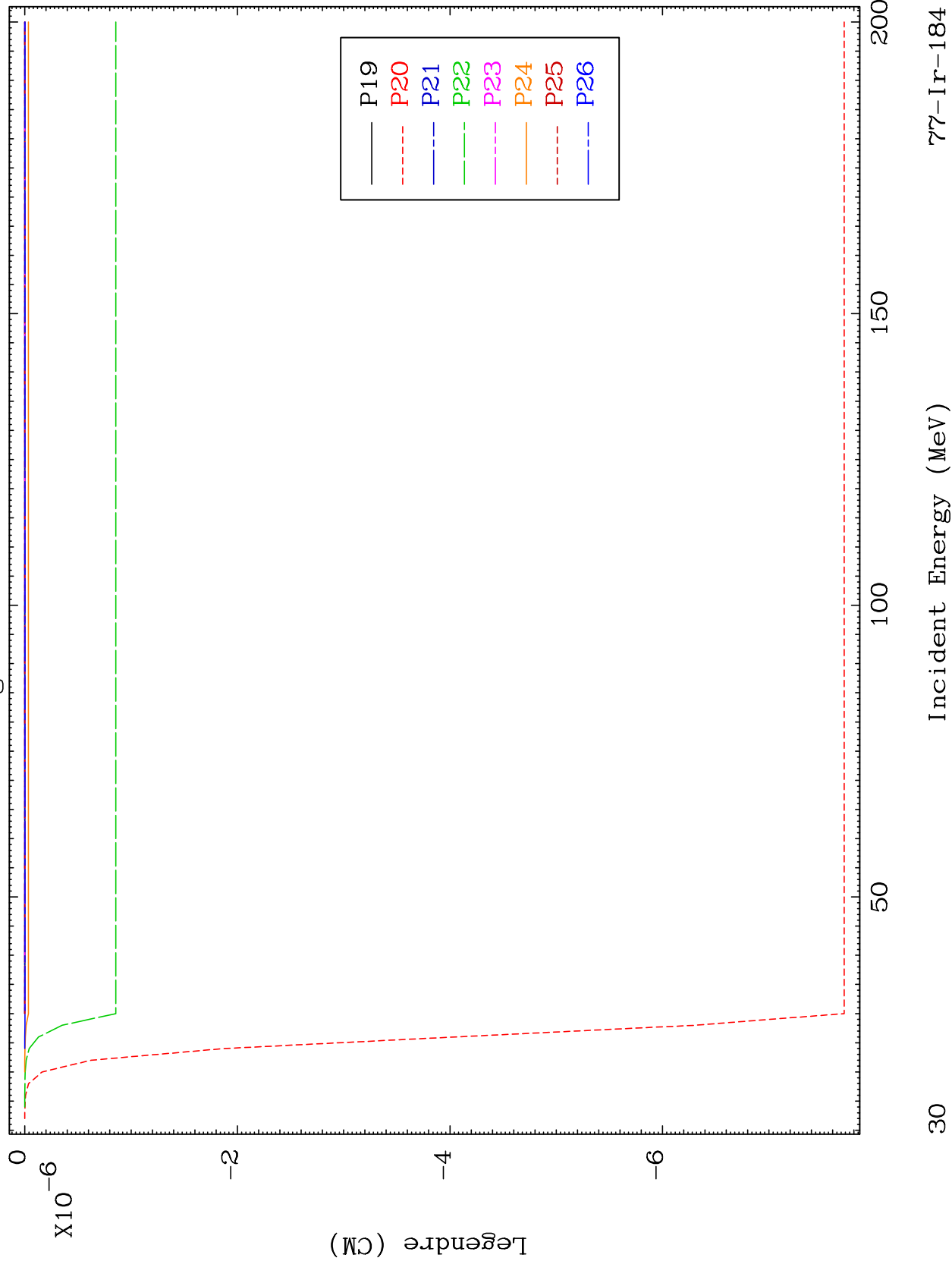
77-Ir-184



MAT 7704

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

77-Ir-184



77-Ir-184

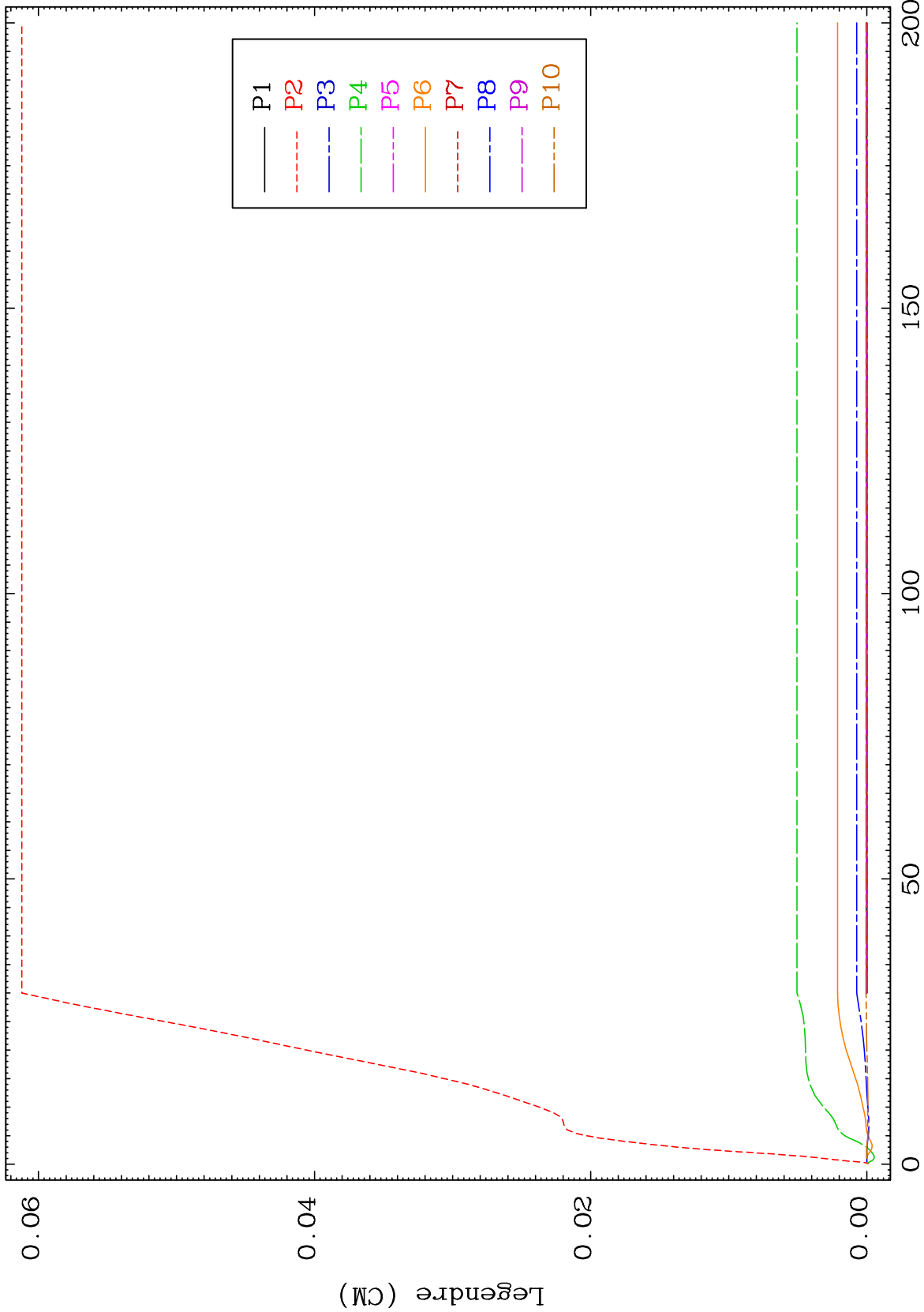
Incident Energy (MeV)

30

MAT 7704

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

77-Ir-184



77-Ir-184

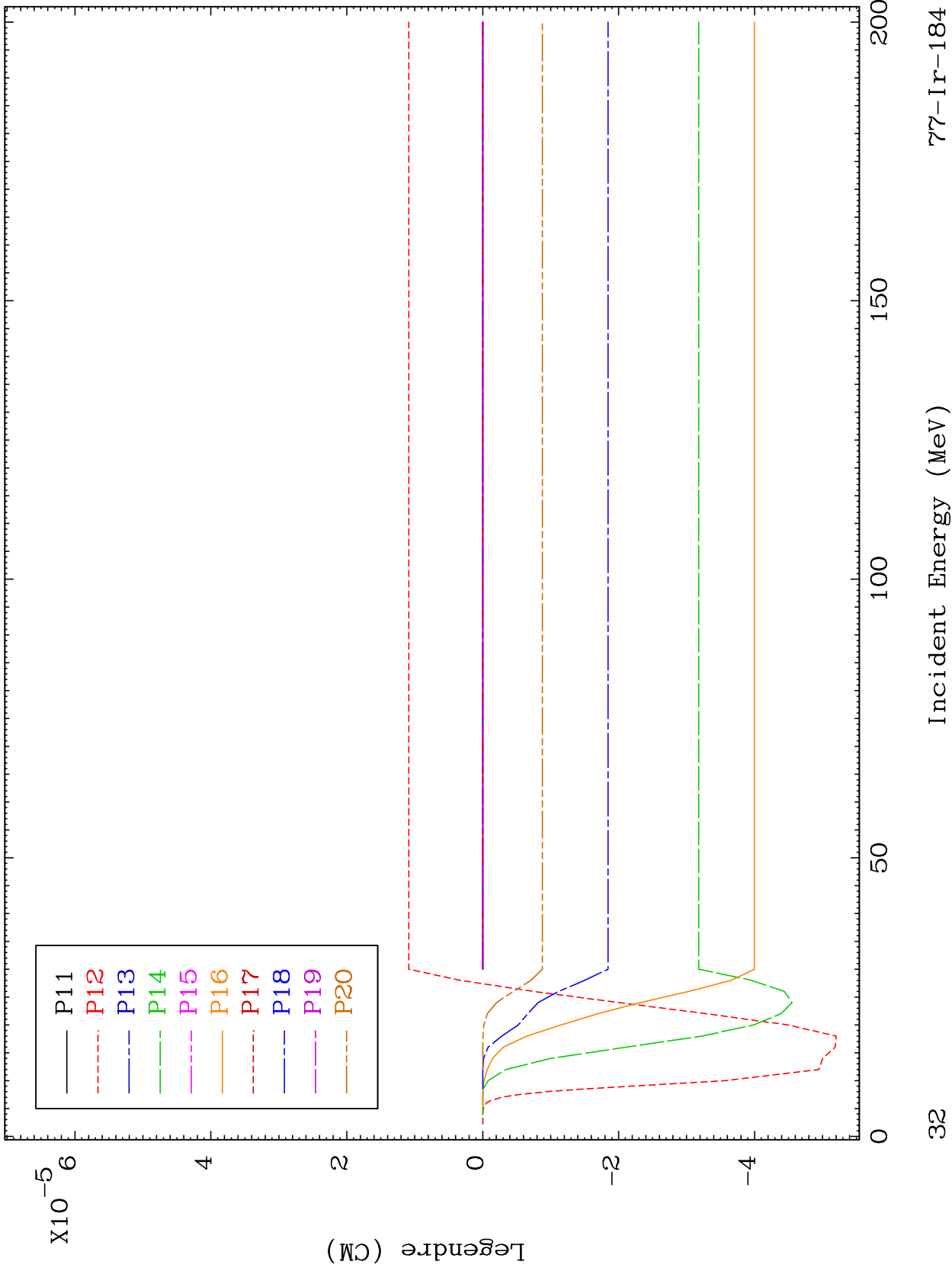
Incident Energy (MeV)

31

MAT 7704

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

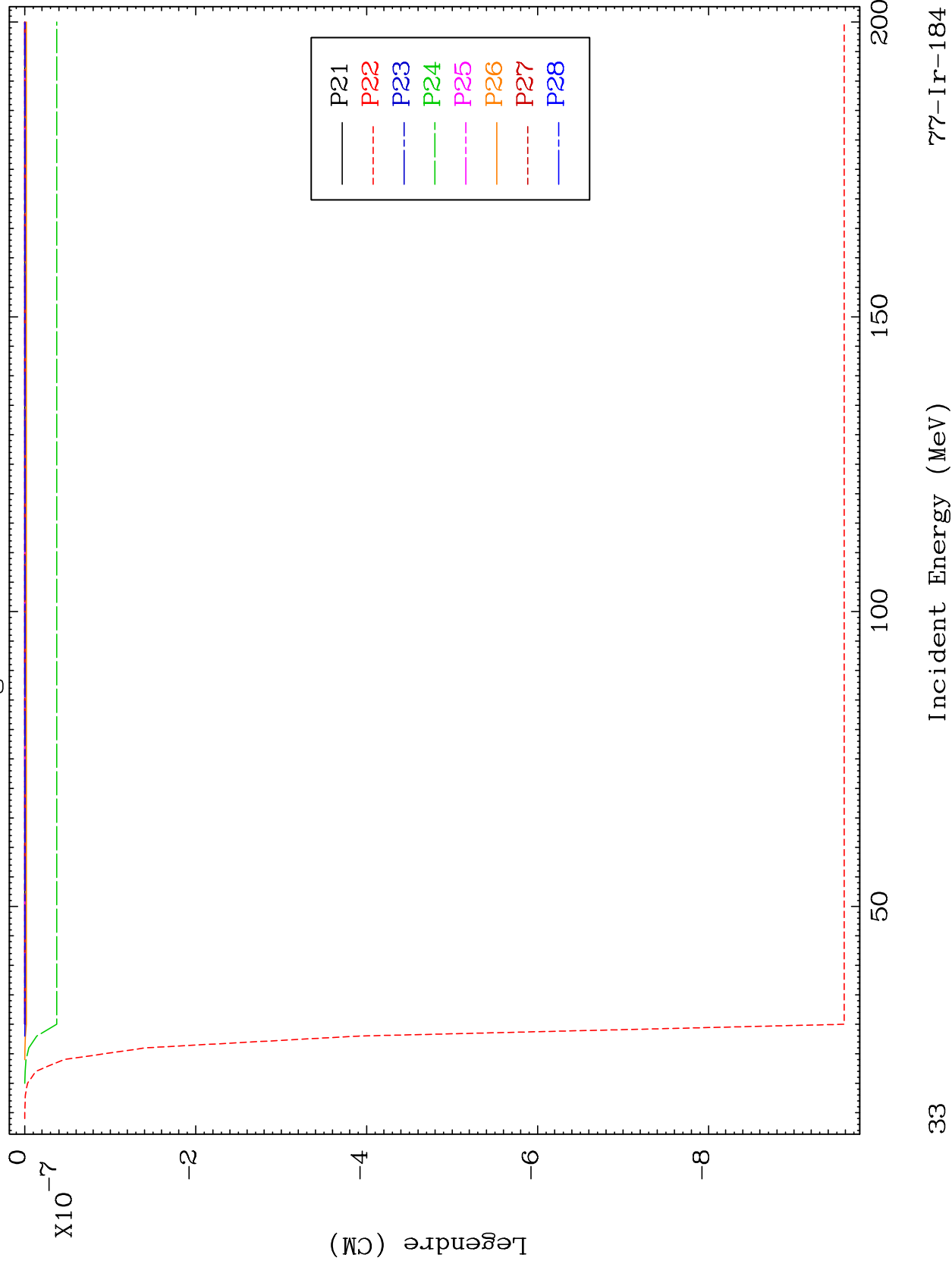
77-Ir-184



MAT 7704

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

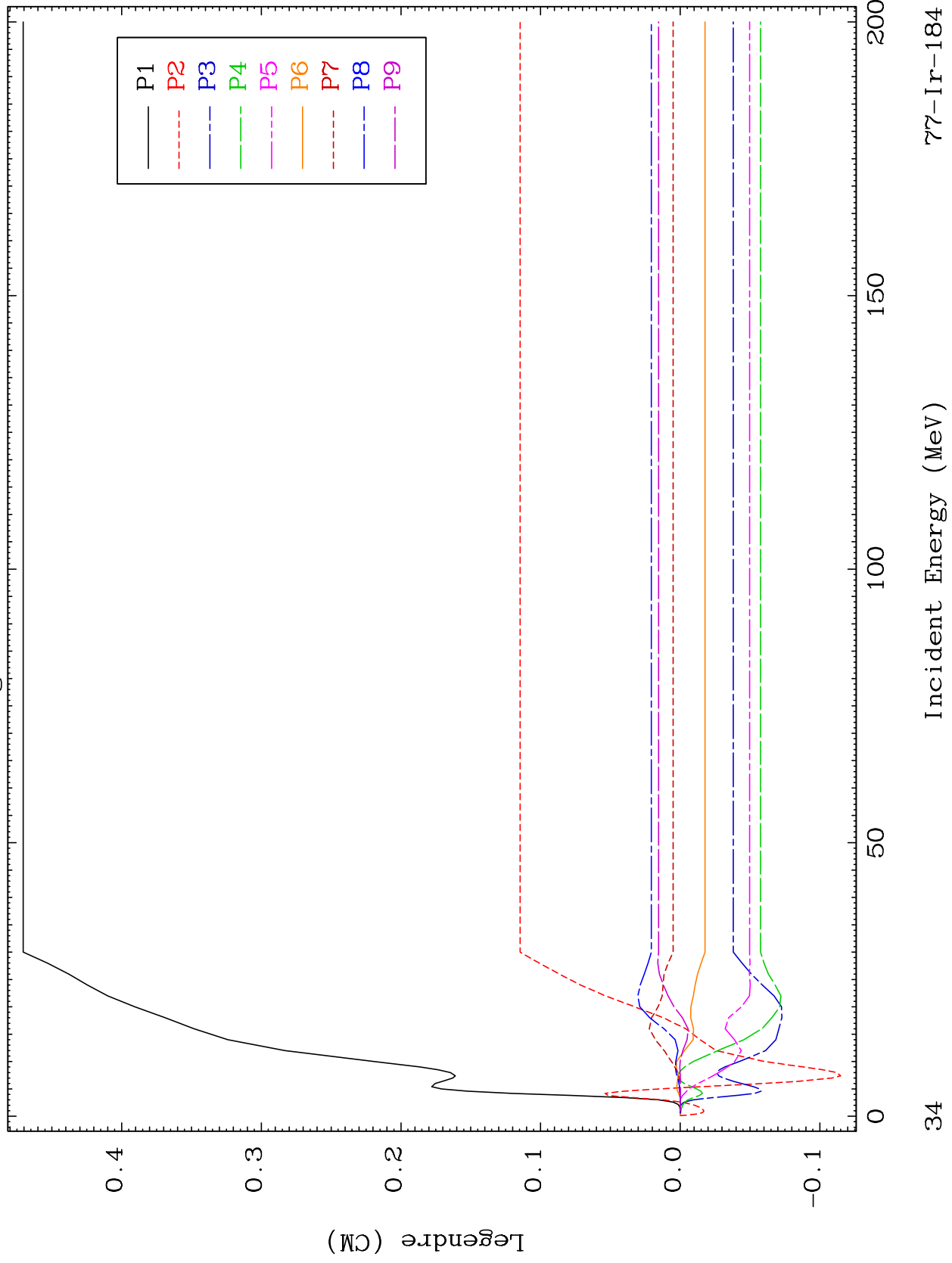
77-Ir-184



MAT 7704

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

77-Ir-184



77-Ir-184

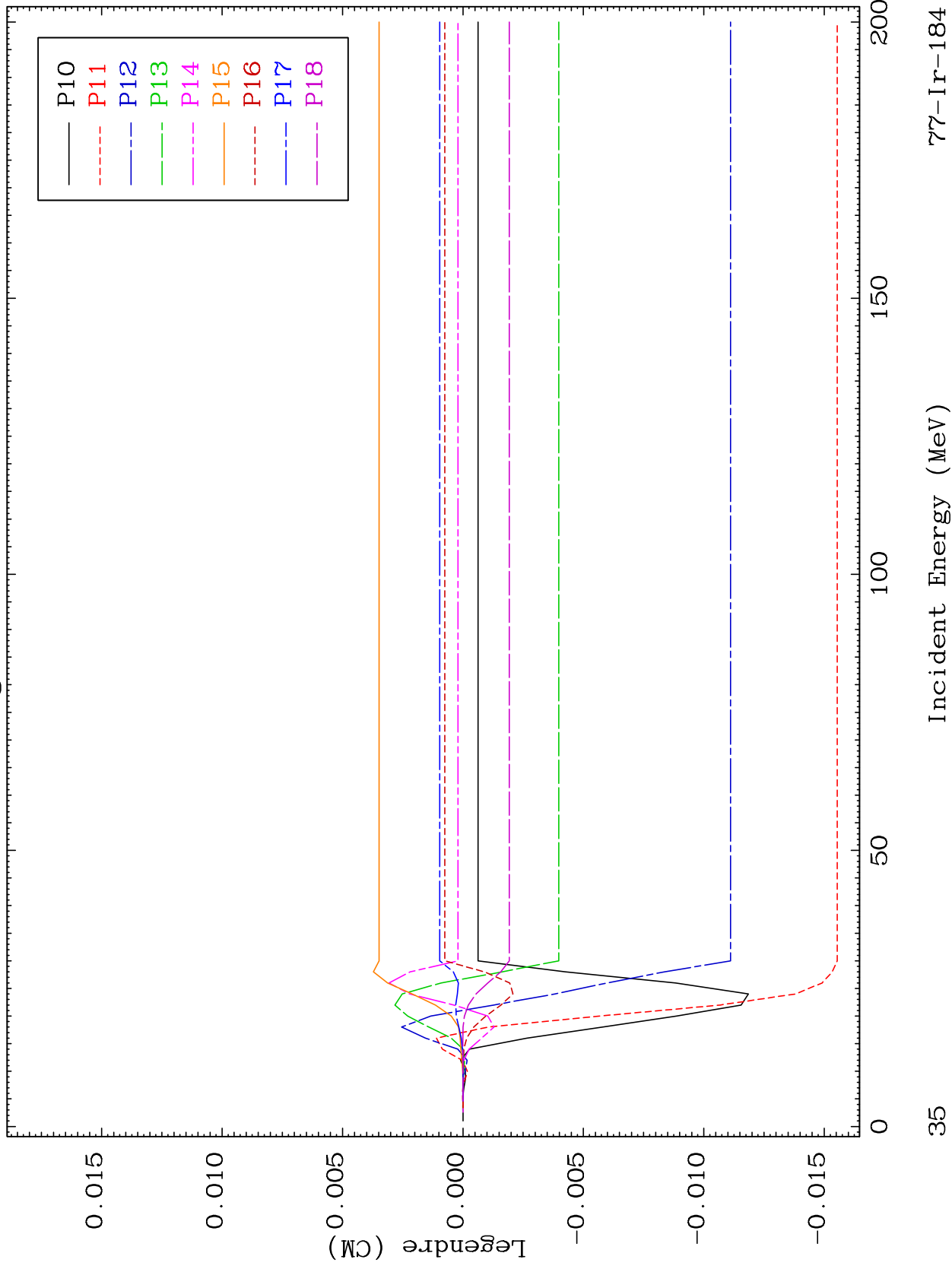
Incident Energy (MeV)

34

MAT 7704

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

77-Ir-184



77-Ir-184

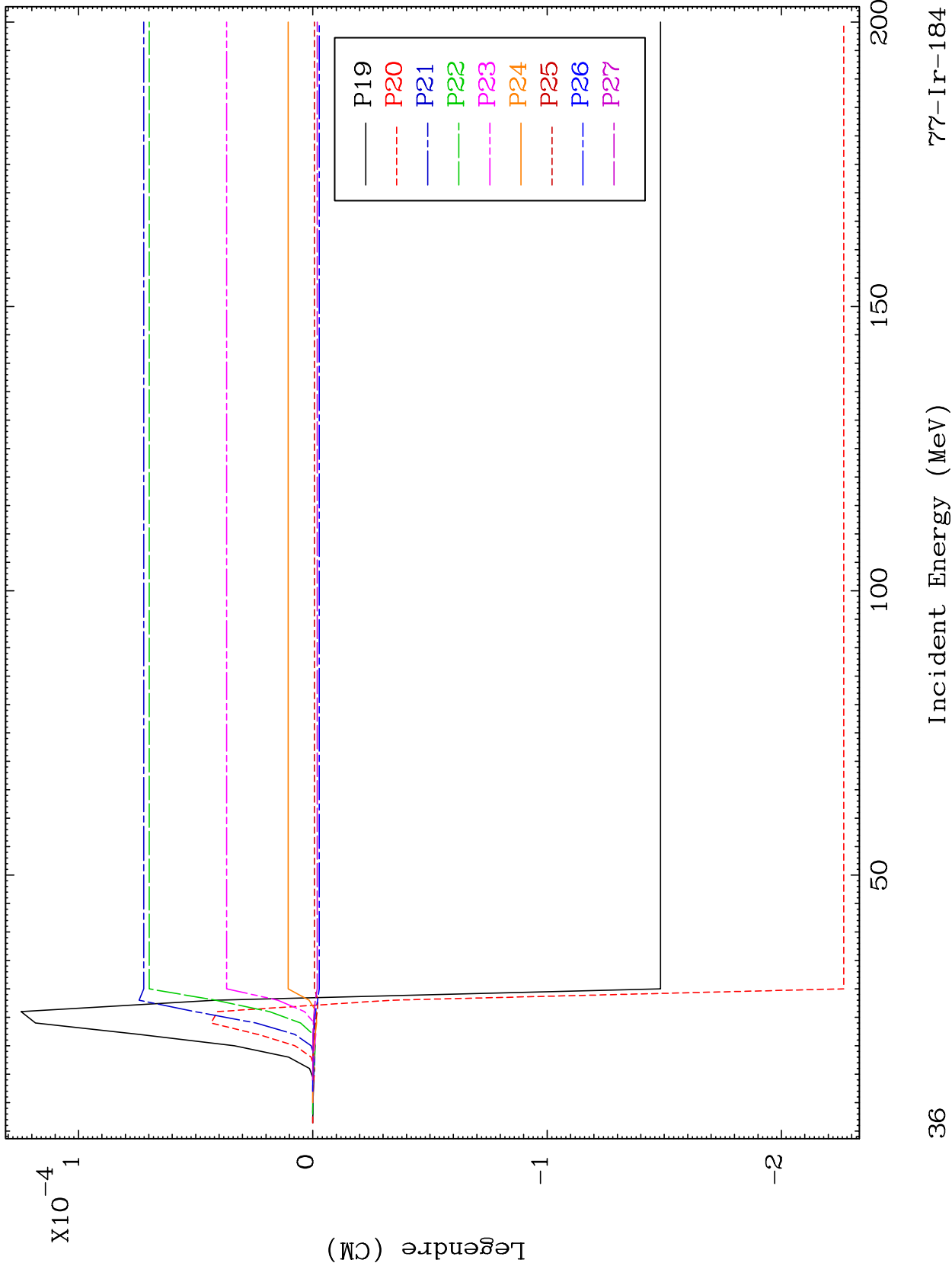
Incident Energy (MeV)

35

MAT 7704

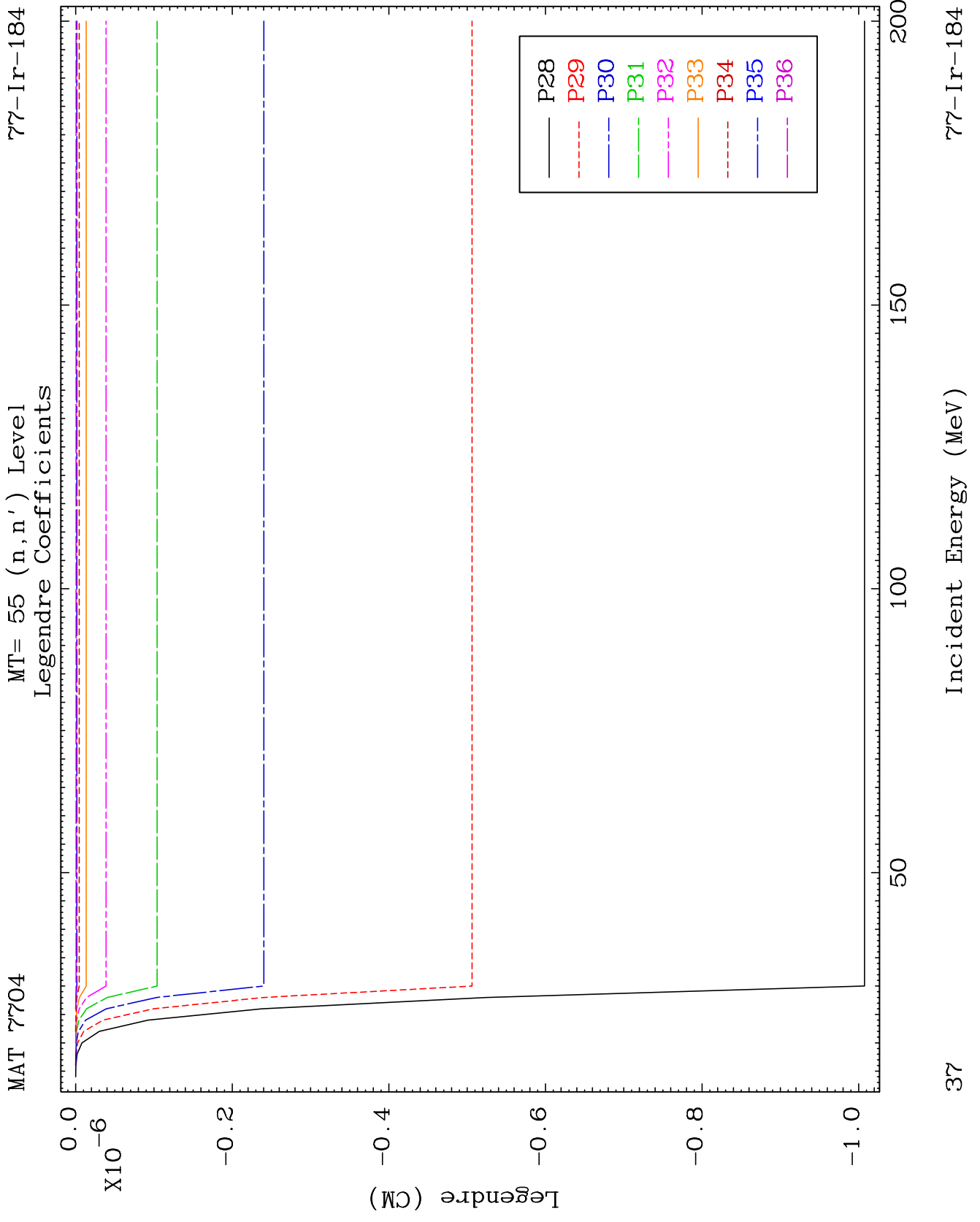
77-Ir-184

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



36

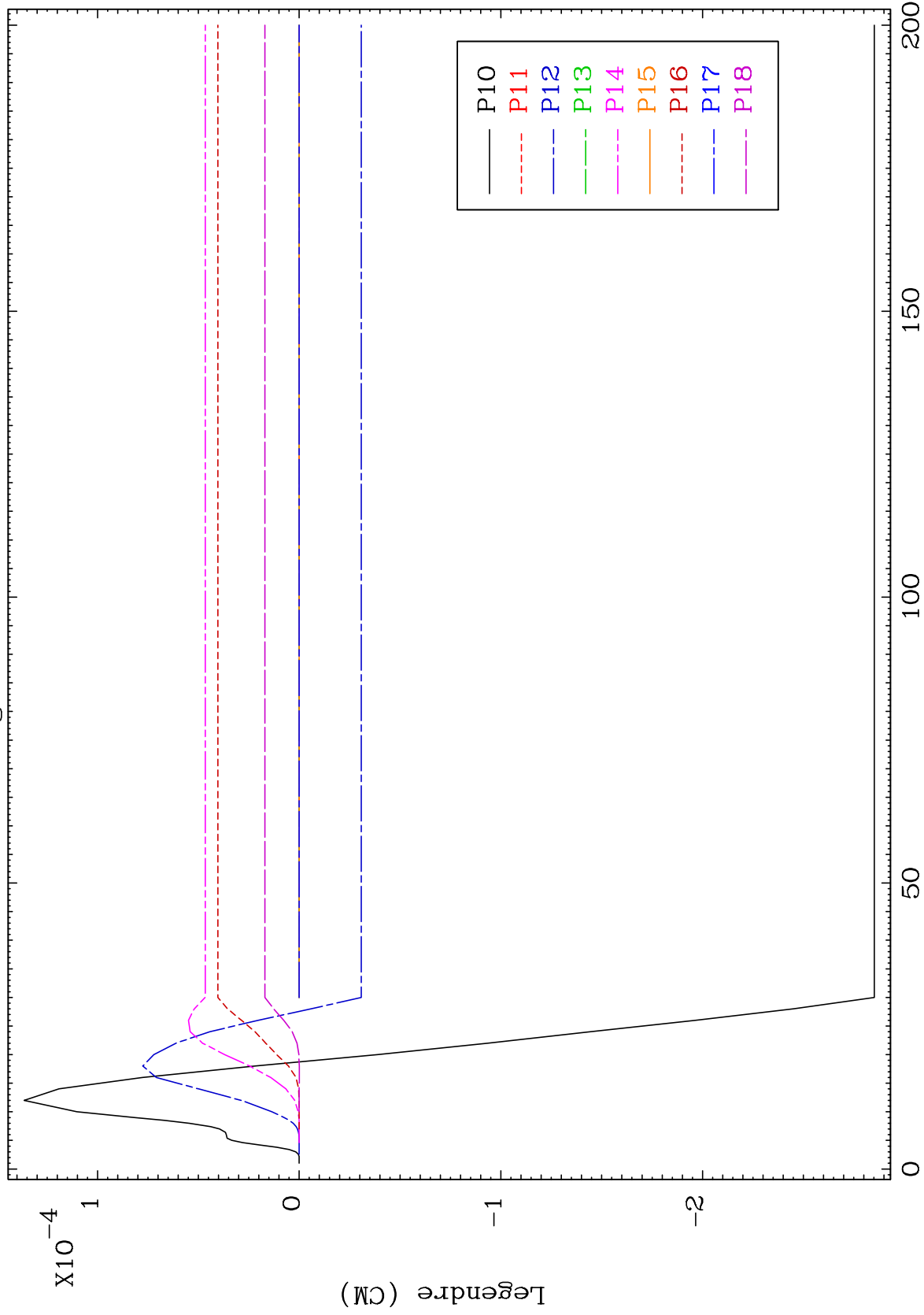
77-Ir-184



MAT 7704

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

77-Ir-184



39

Incident Energy (MeV)

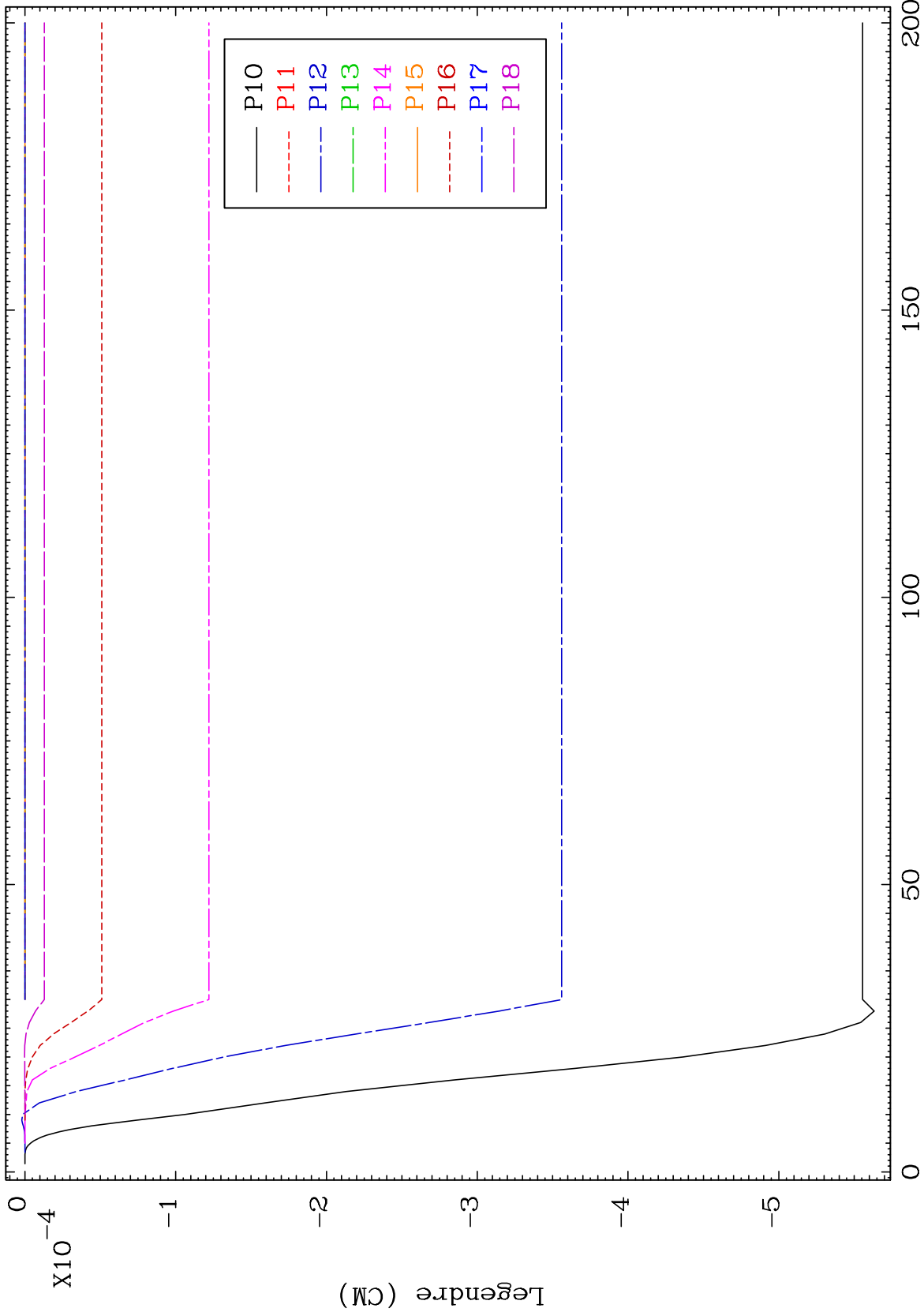
77-Ir-184

MAT 7704

MT= 57 (n,n') Level

77-Ir-184

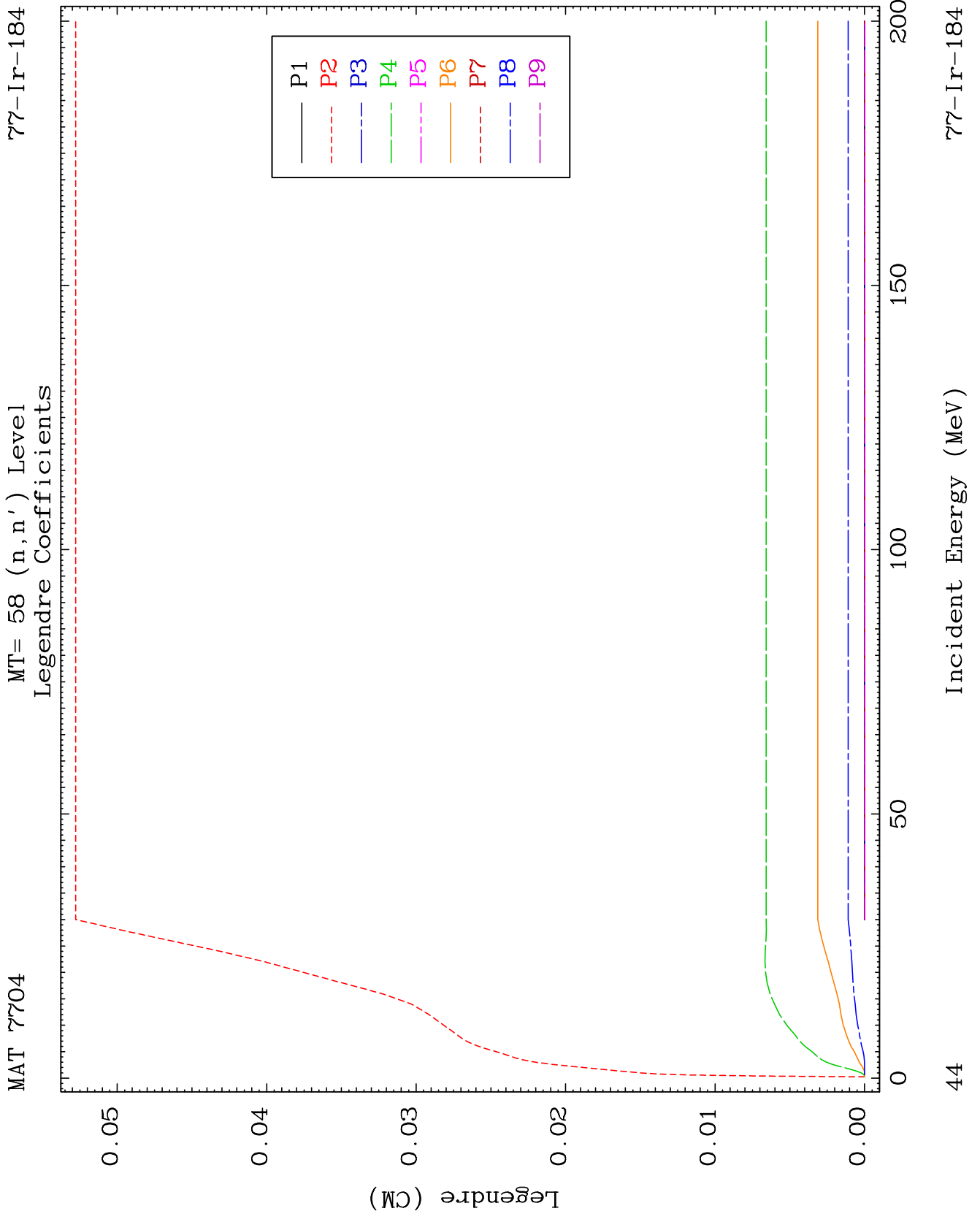
Legendre Coefficients



42

Incident Energy (MeV)

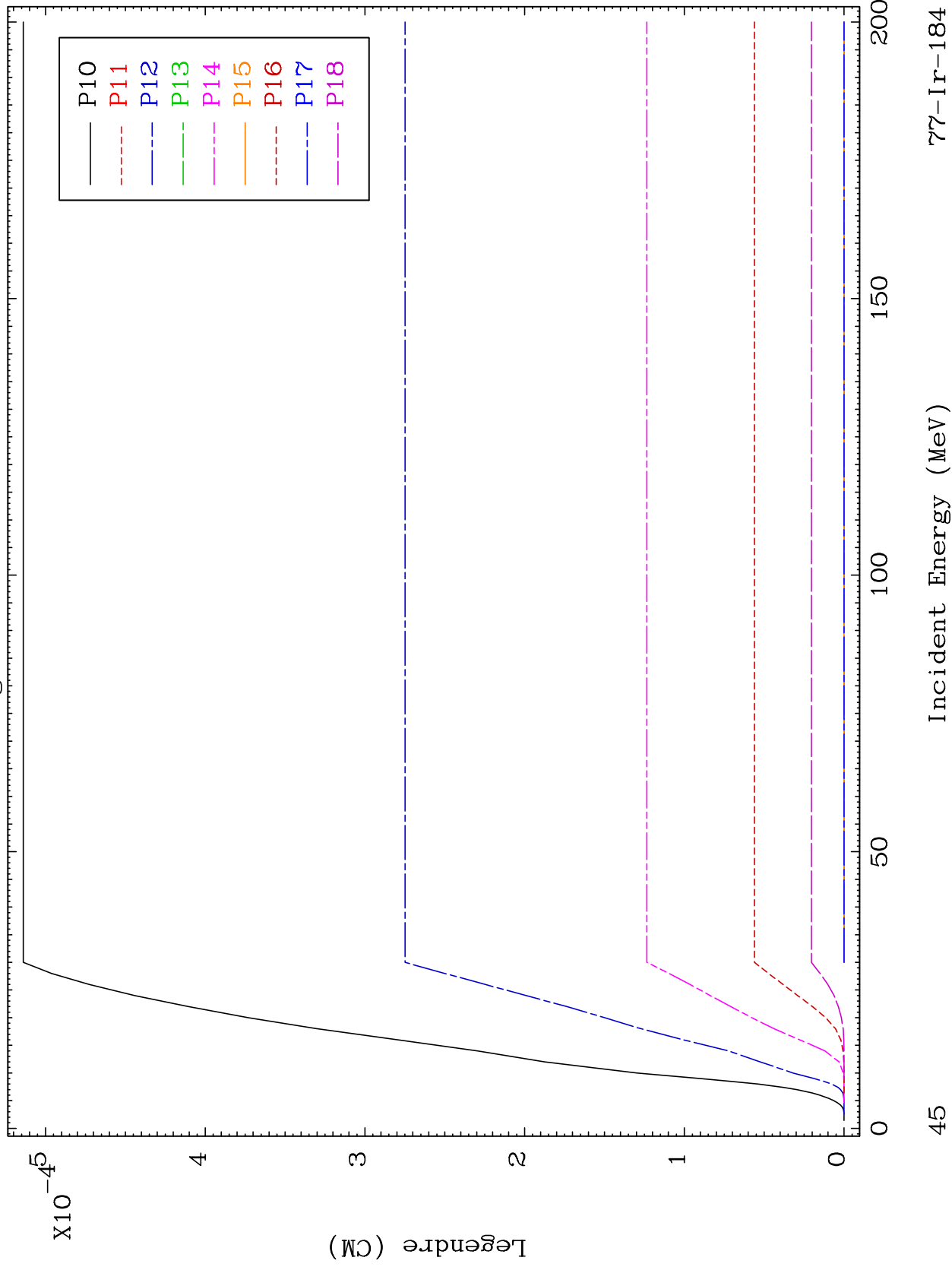
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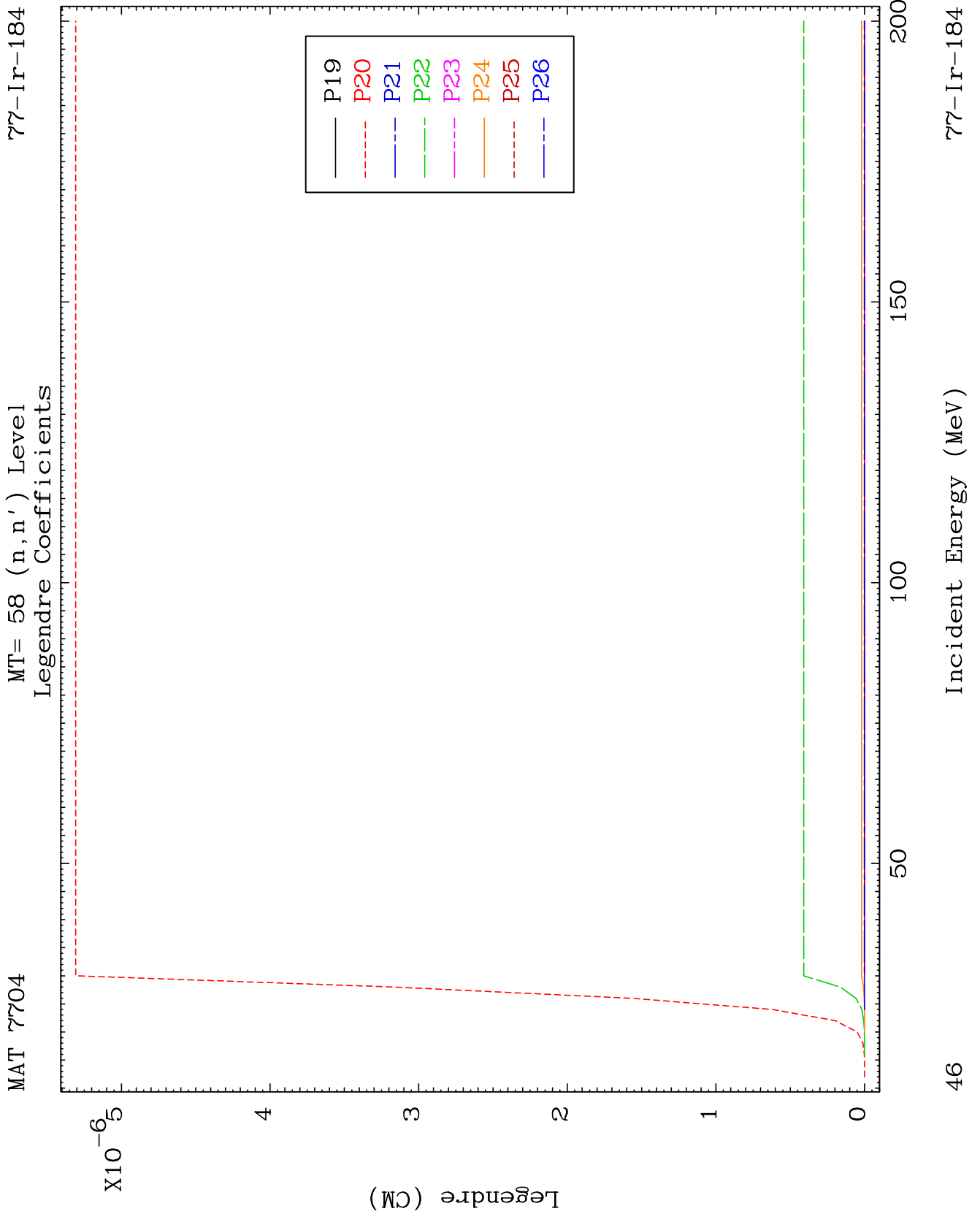


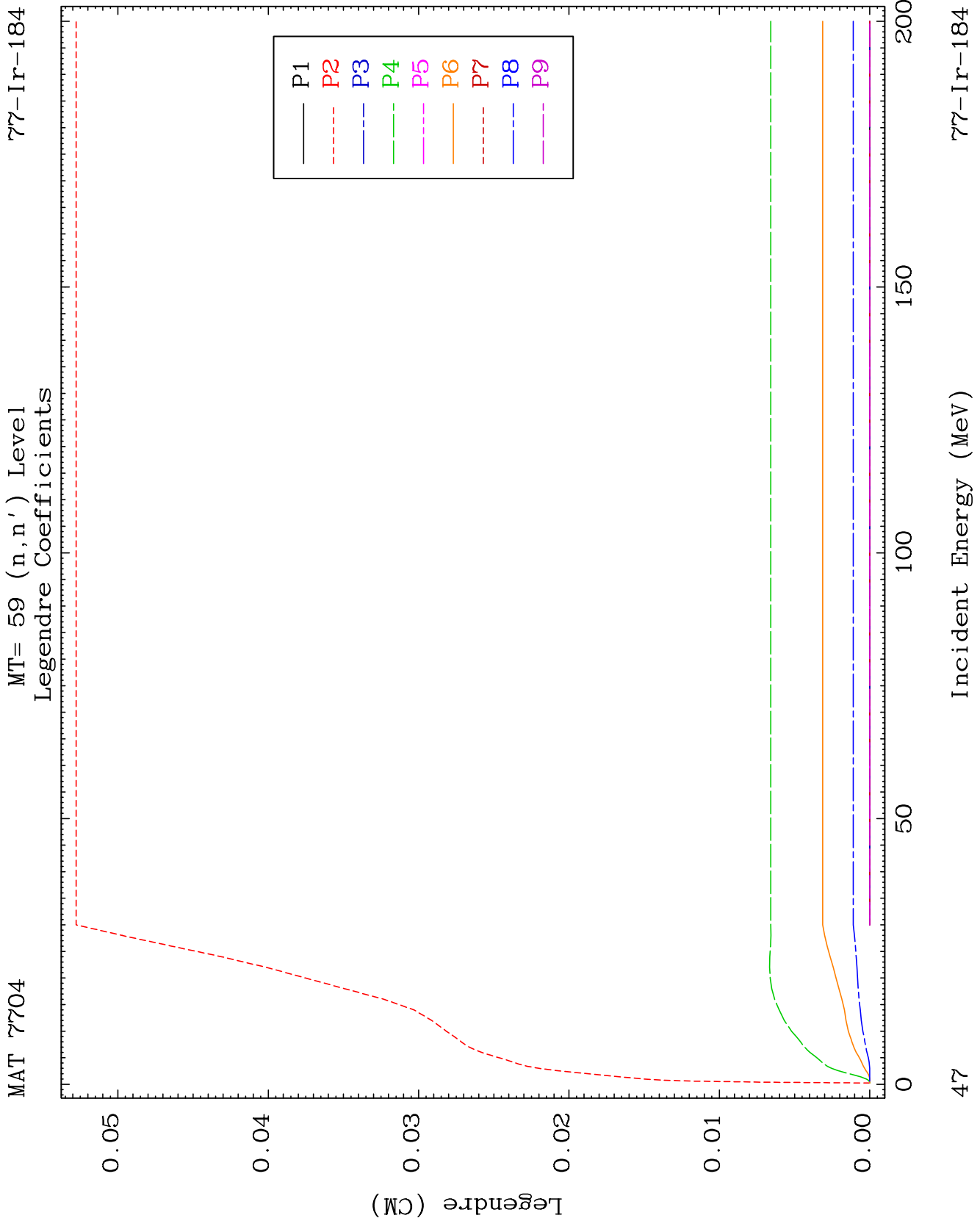
MAT 7704

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

77-Ir-184



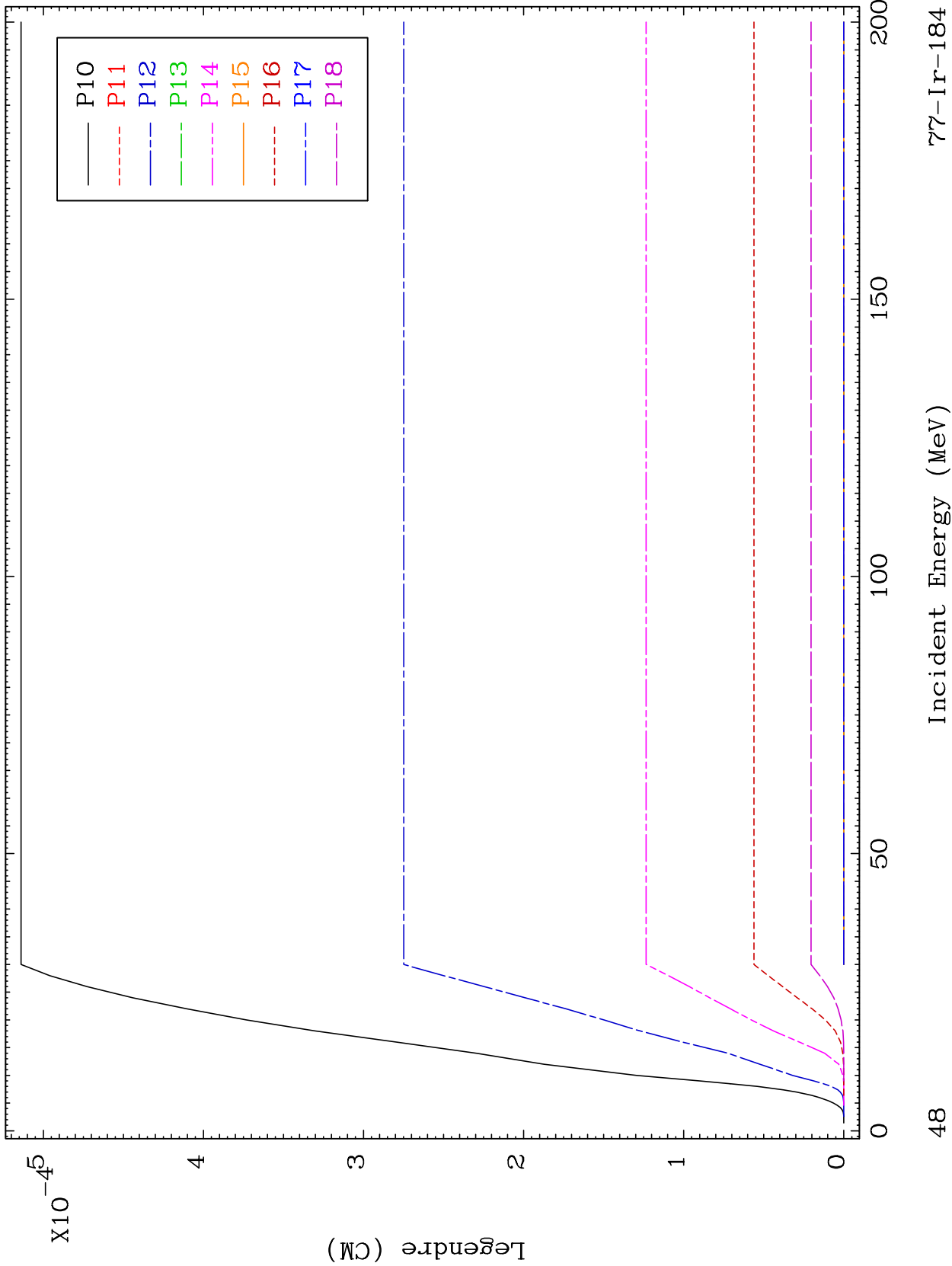


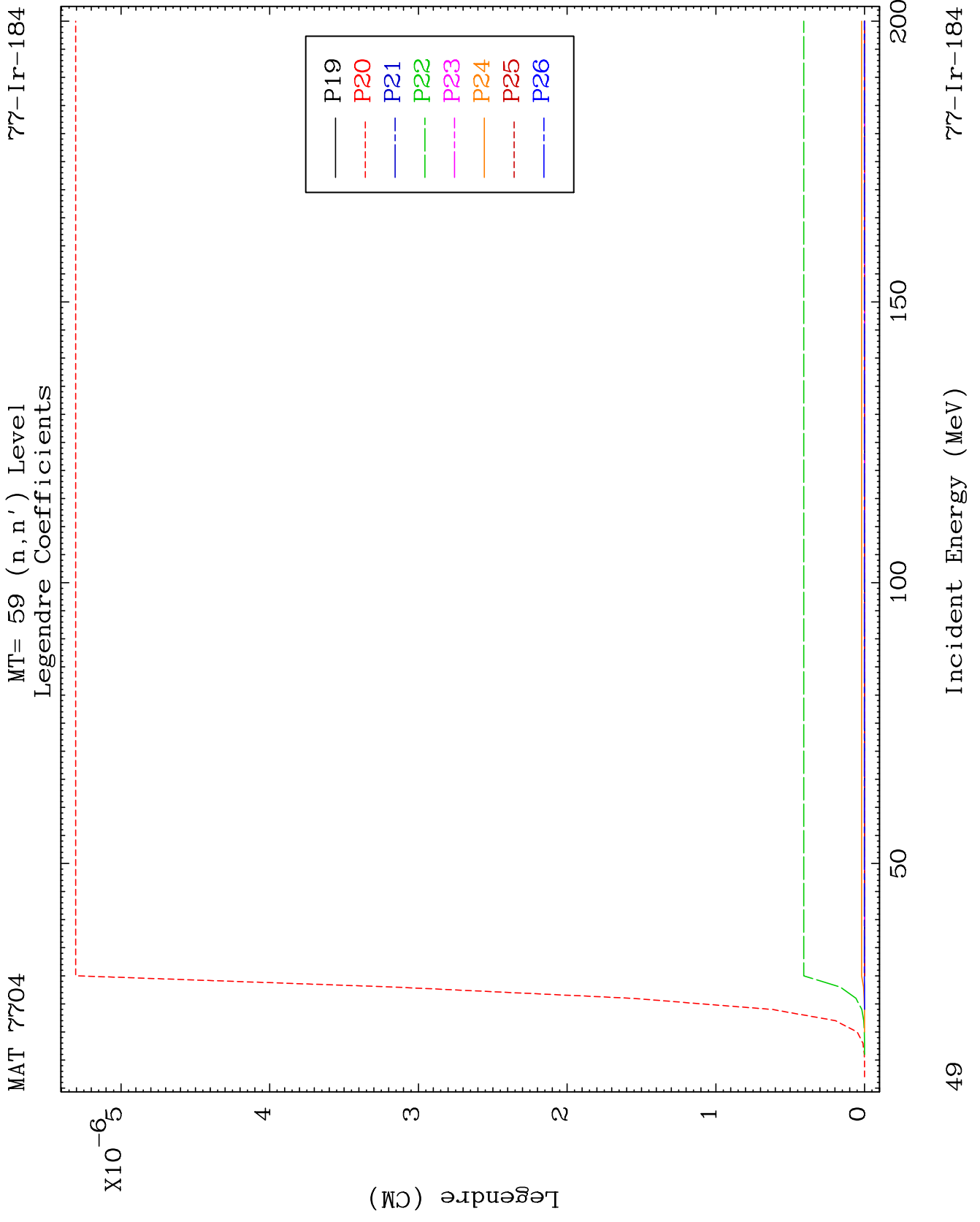


MAT 7704

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

77-Ir-184

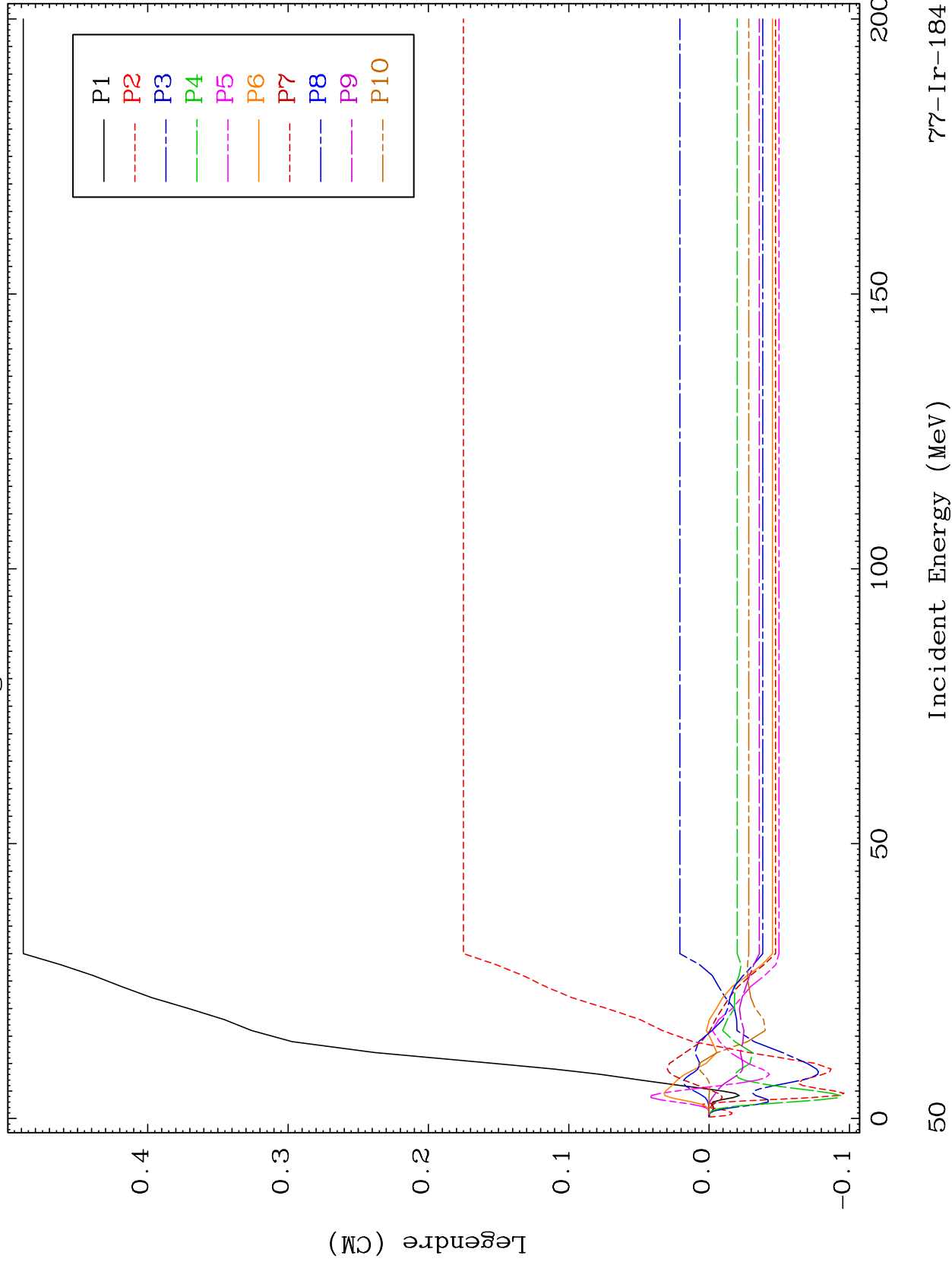




MAT 7704

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

77-Ir-184

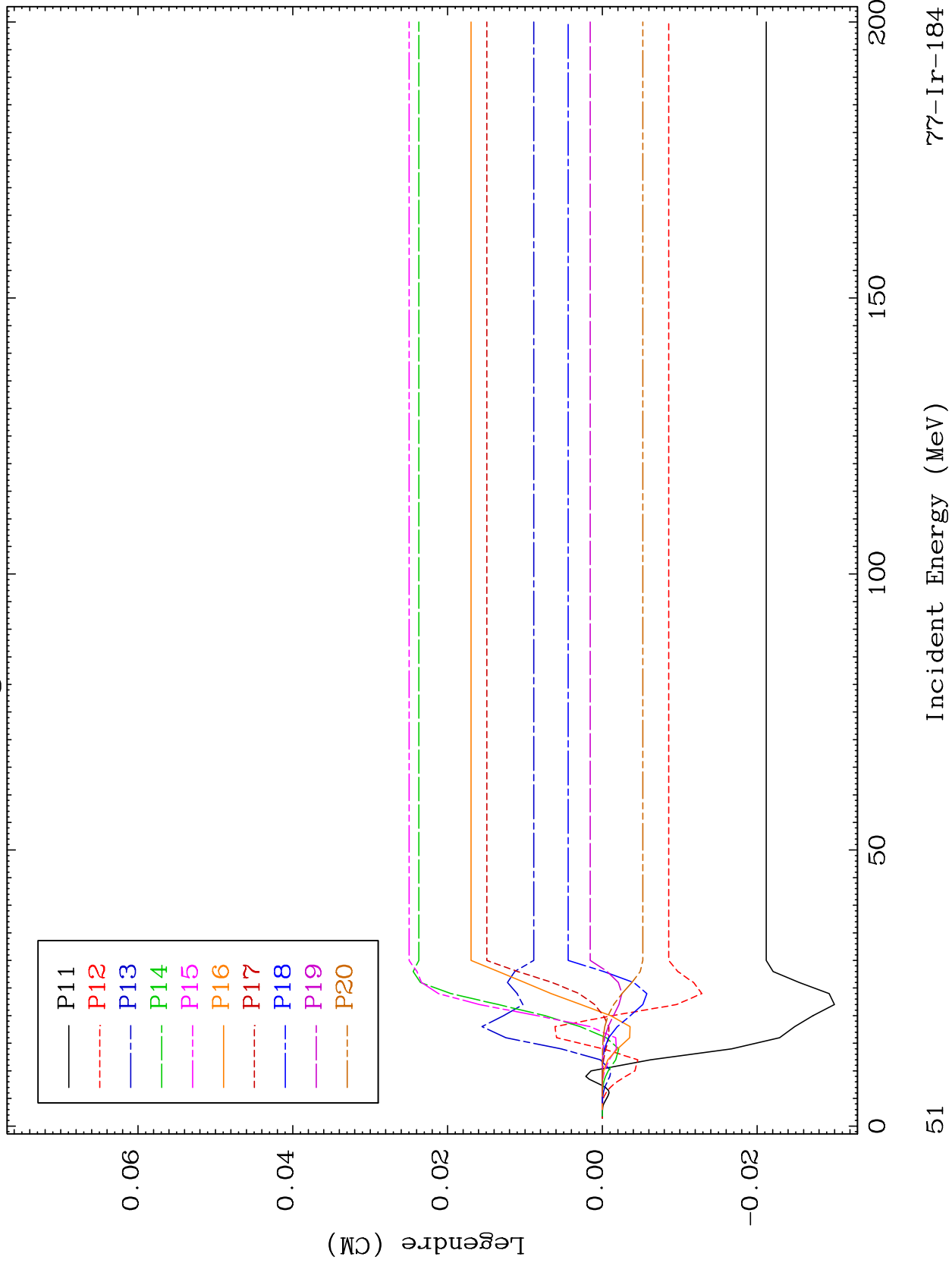


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MAT 7704

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

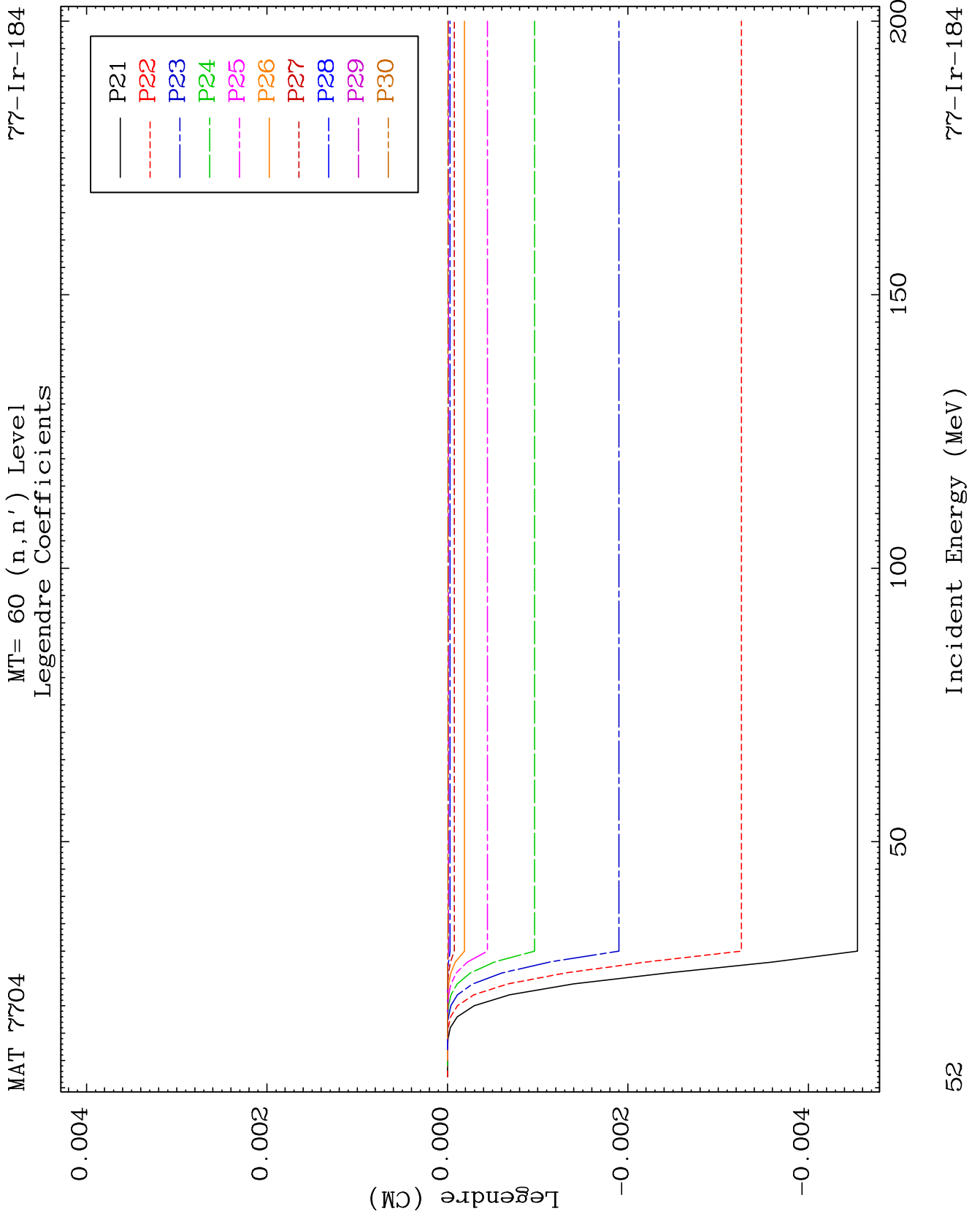
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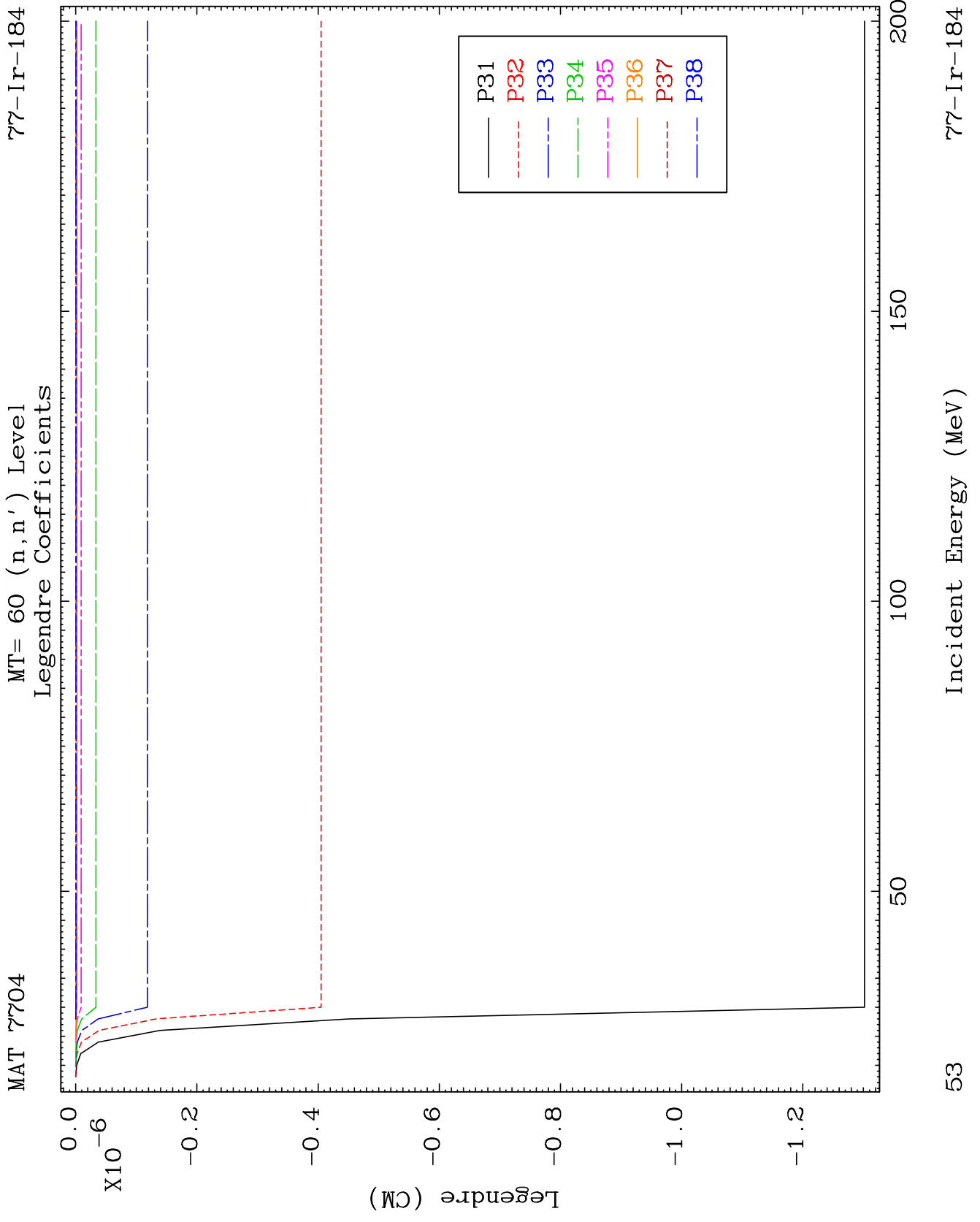


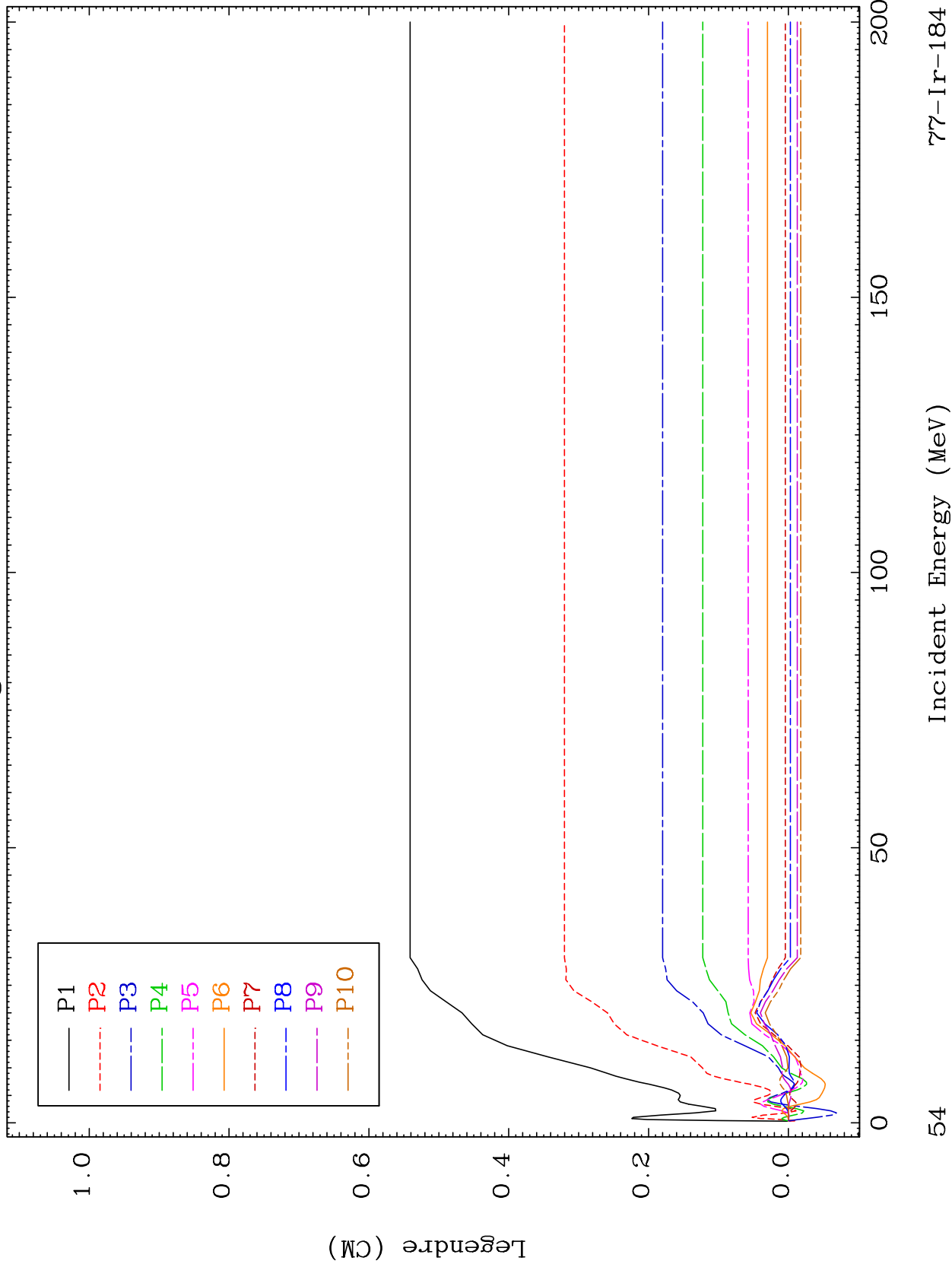
51

Incident Energy (MeV)

77-Ir-184



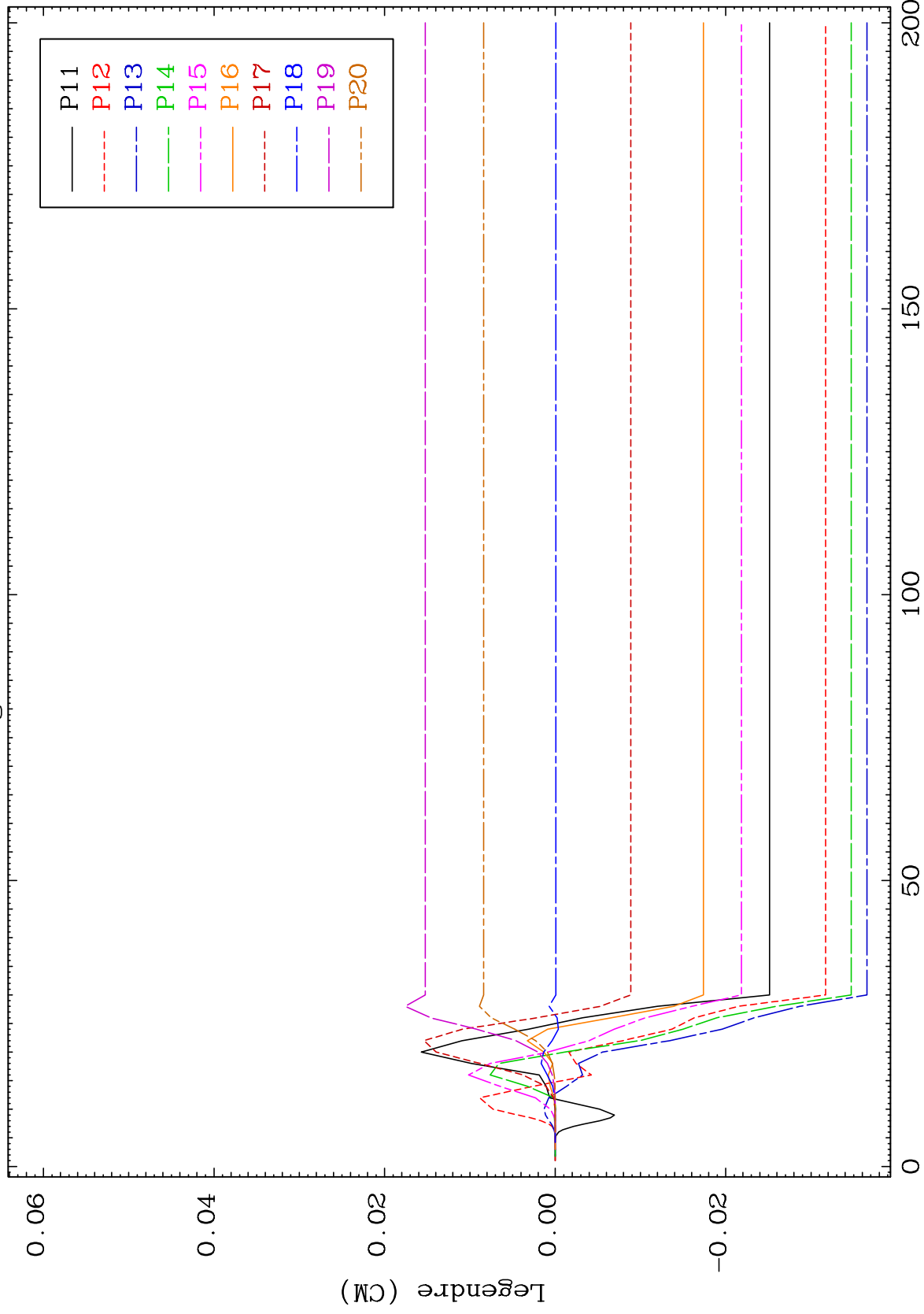




MAT 7704

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

77-Ir-184



55

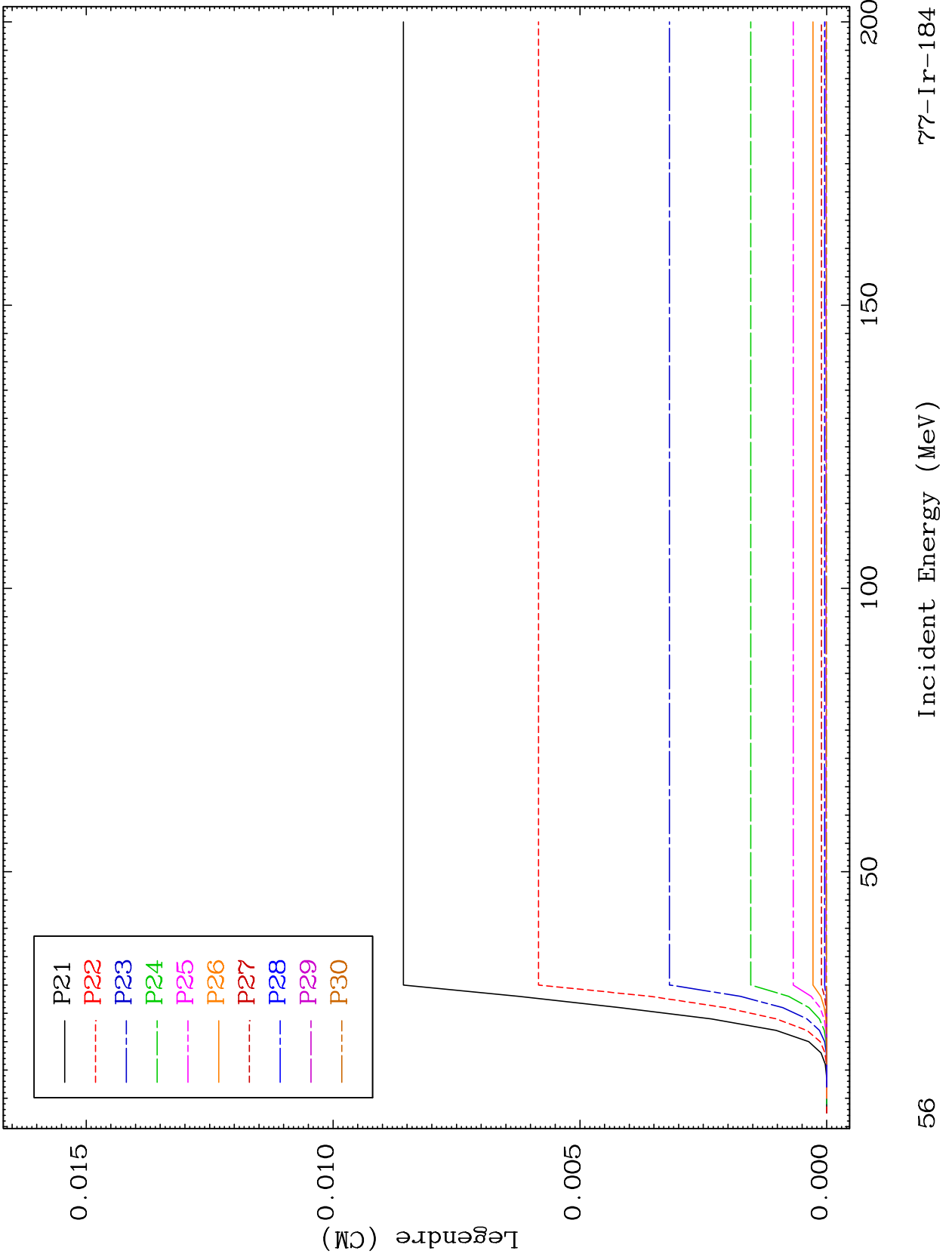
77-Ir-184

77-Ir-184

MAT 7704

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

77-Ir-184

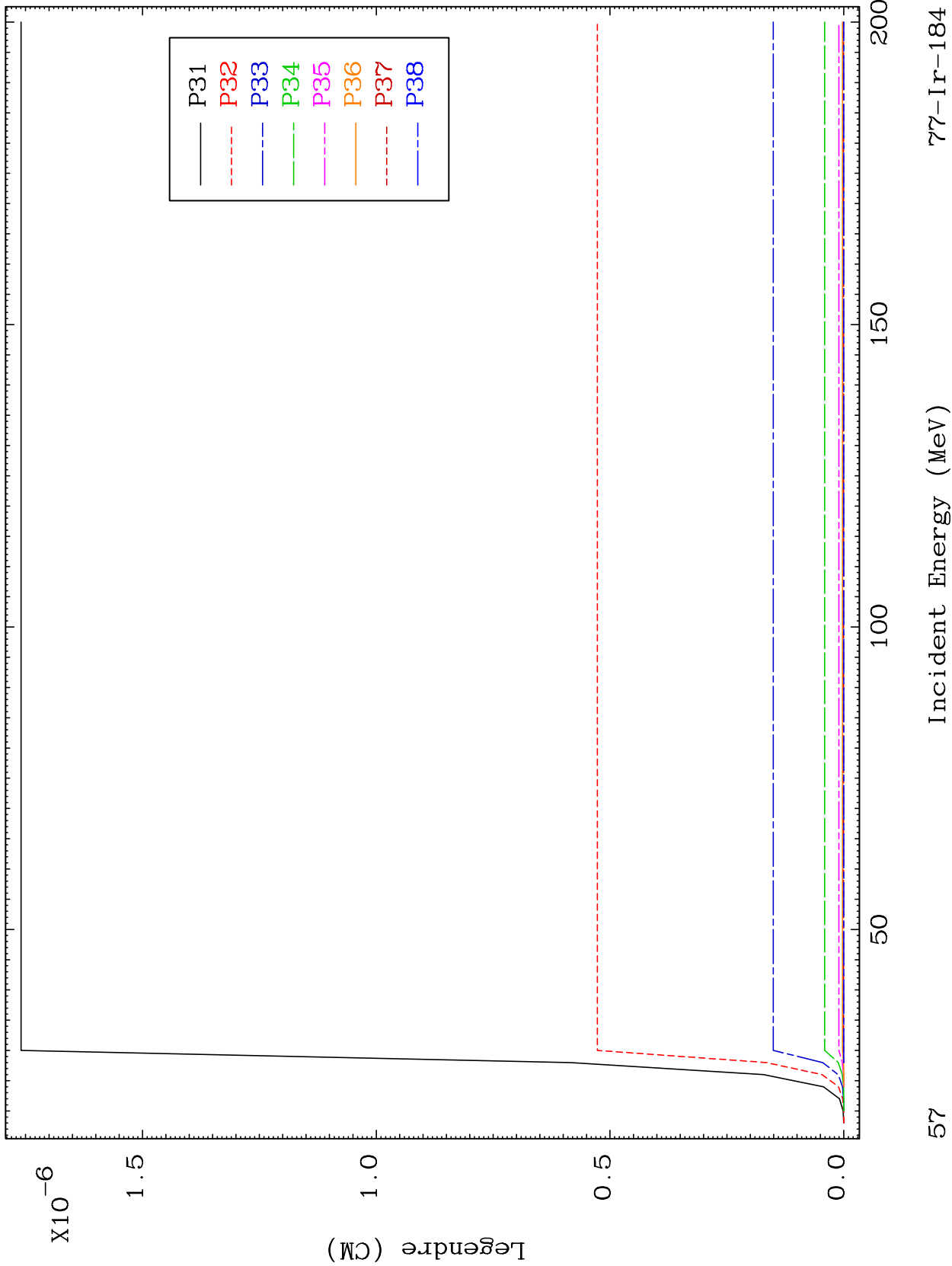


56

MAT 7704

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

77-Ir-184



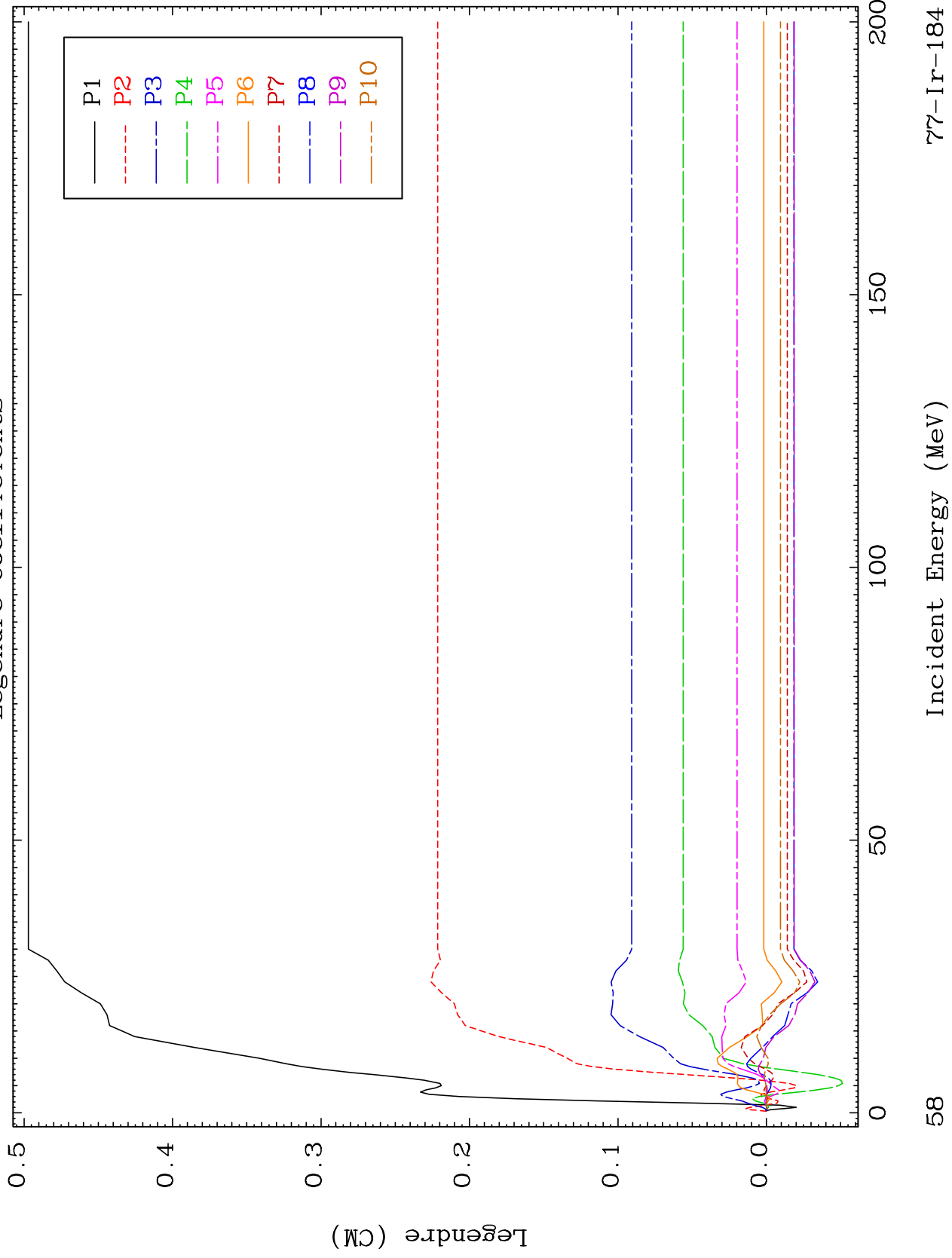
57

77-Ir-184

MAT 7704

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

77-Ir-184



77-Ir-184

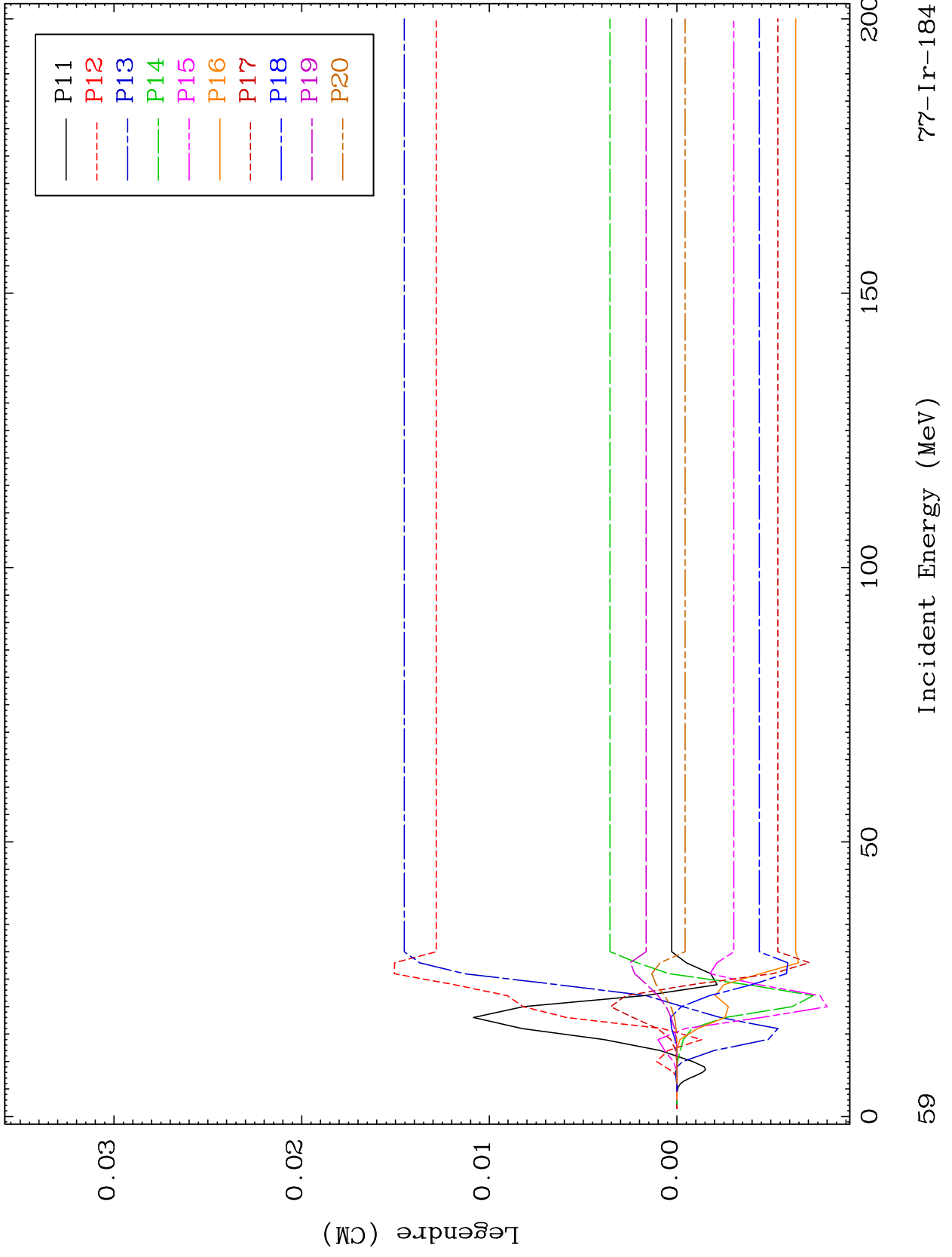
Incident Energy (MeV)

58

MAT 7704

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

77-Ir-184



59

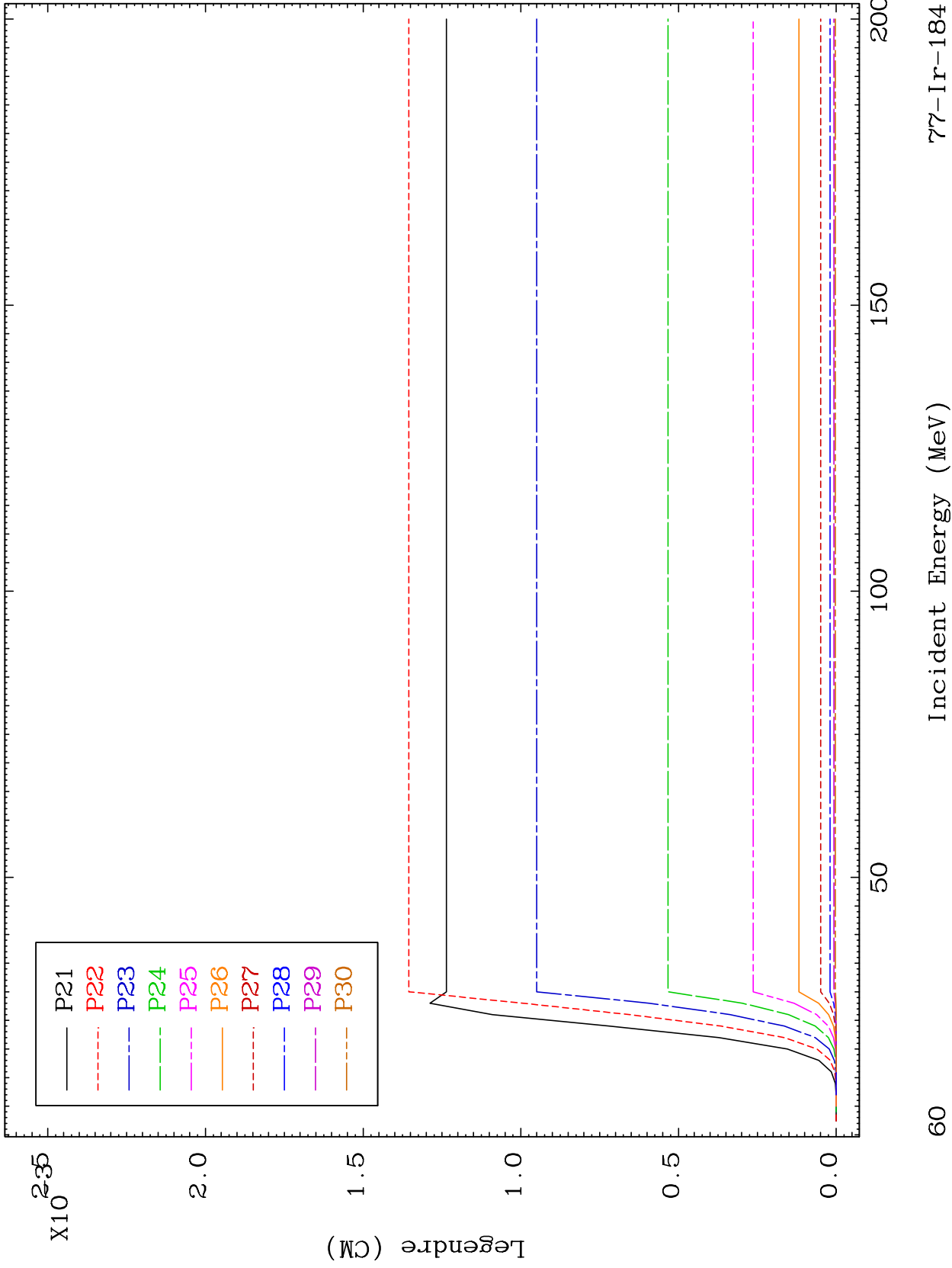
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

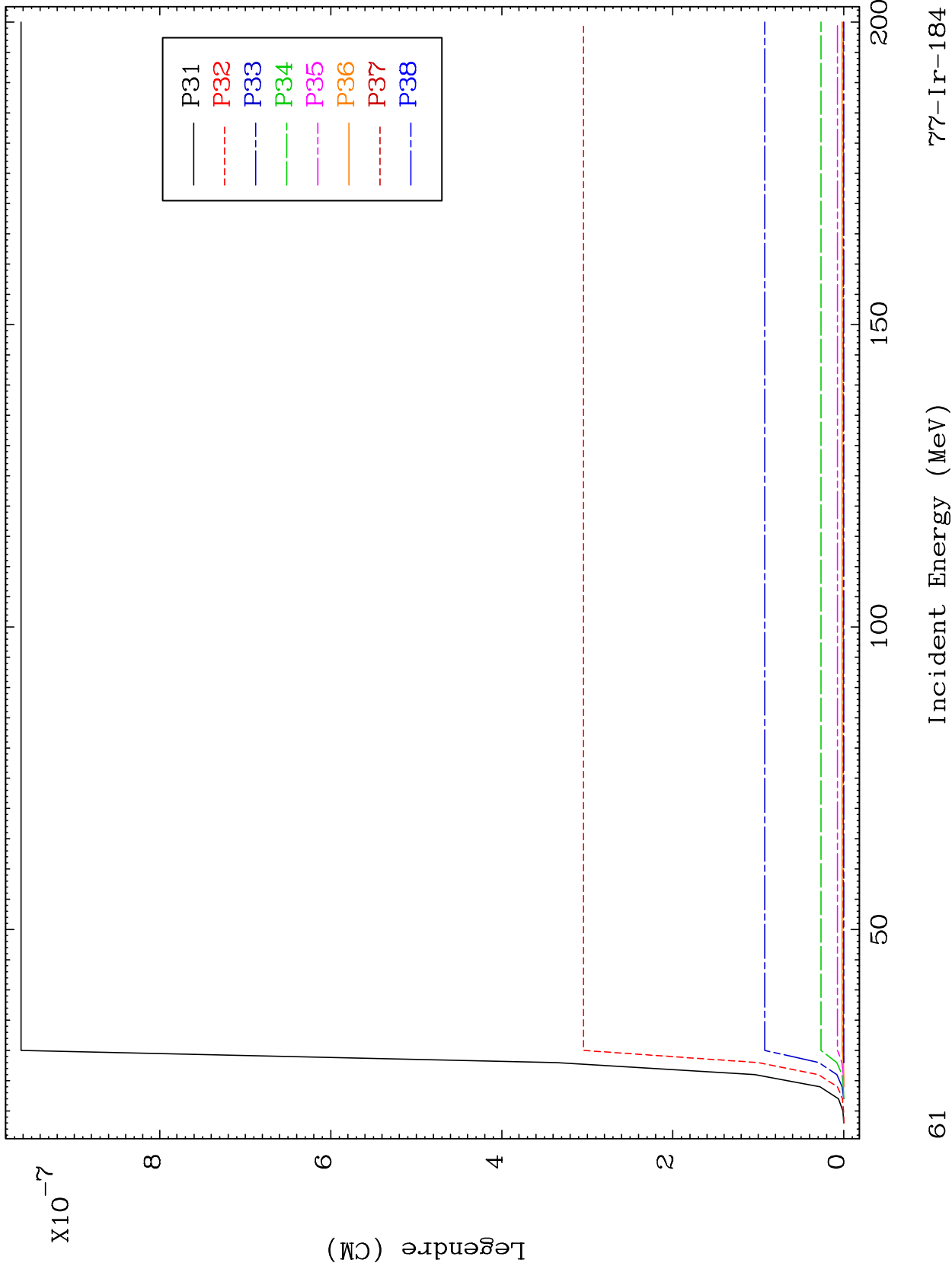
77-Ir-184



MAT 7704

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

77-Ir-184



61

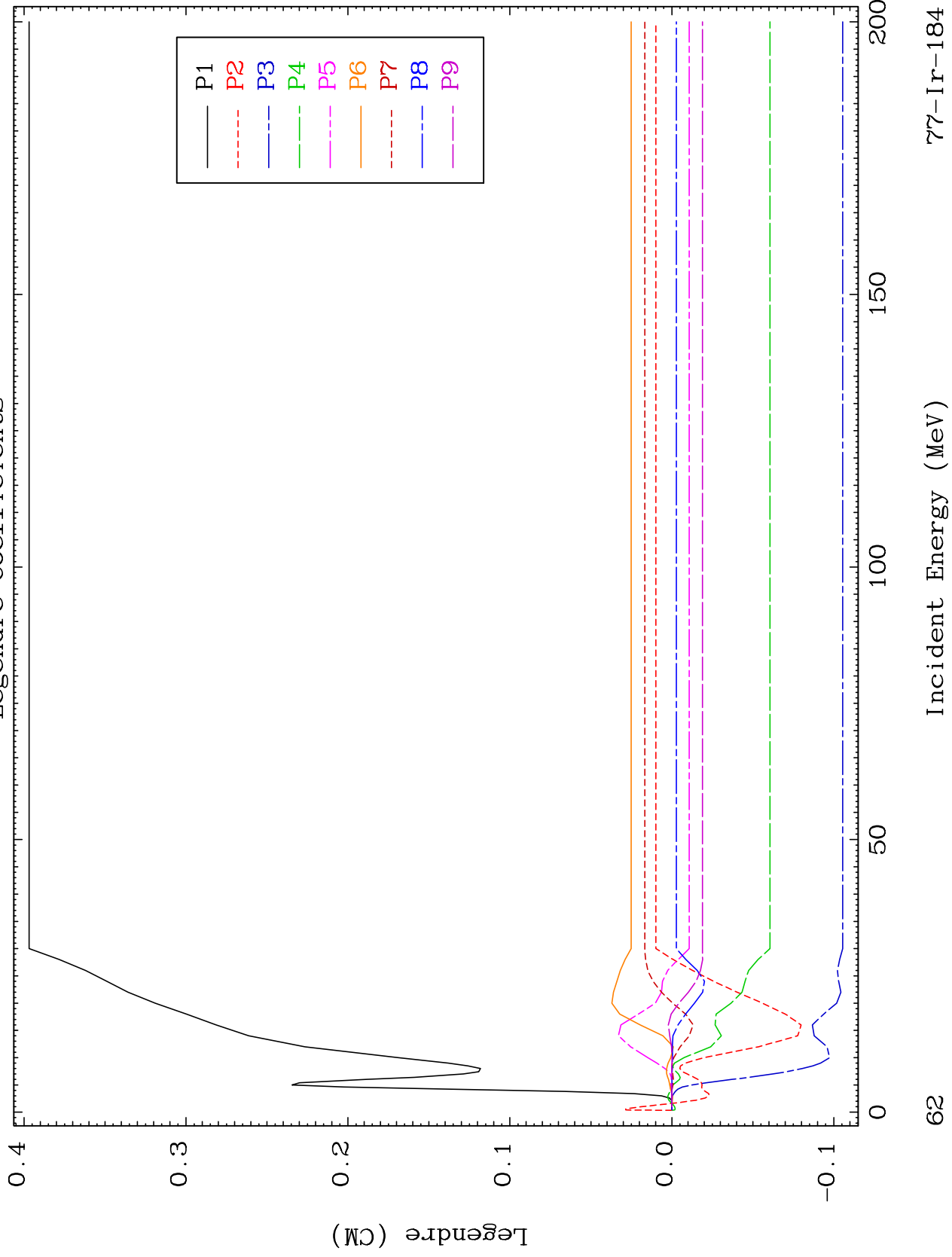
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



77-Ir-184

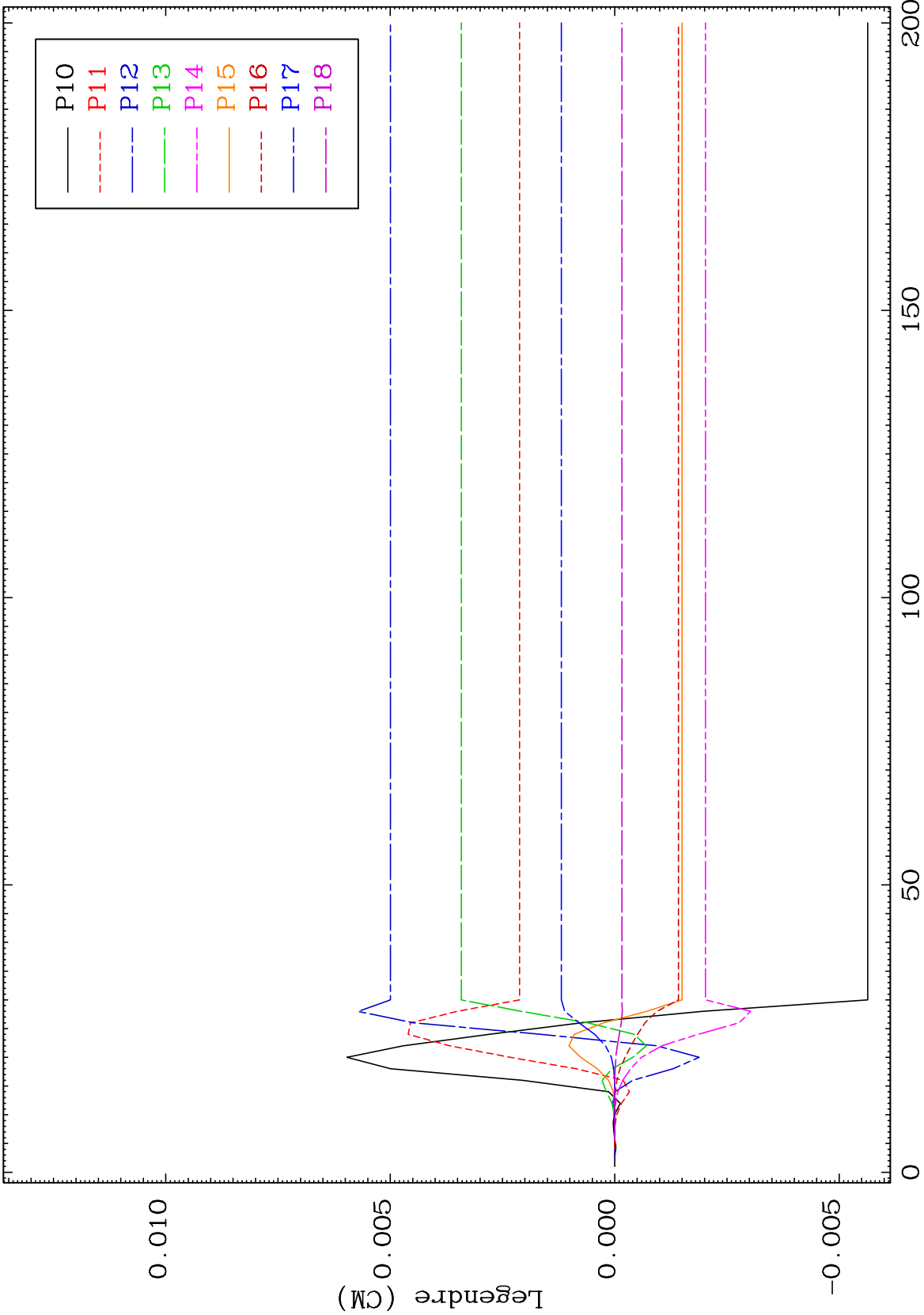
Incident Energy (MeV)

62

MAT 7704

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

77-Ir-184



63

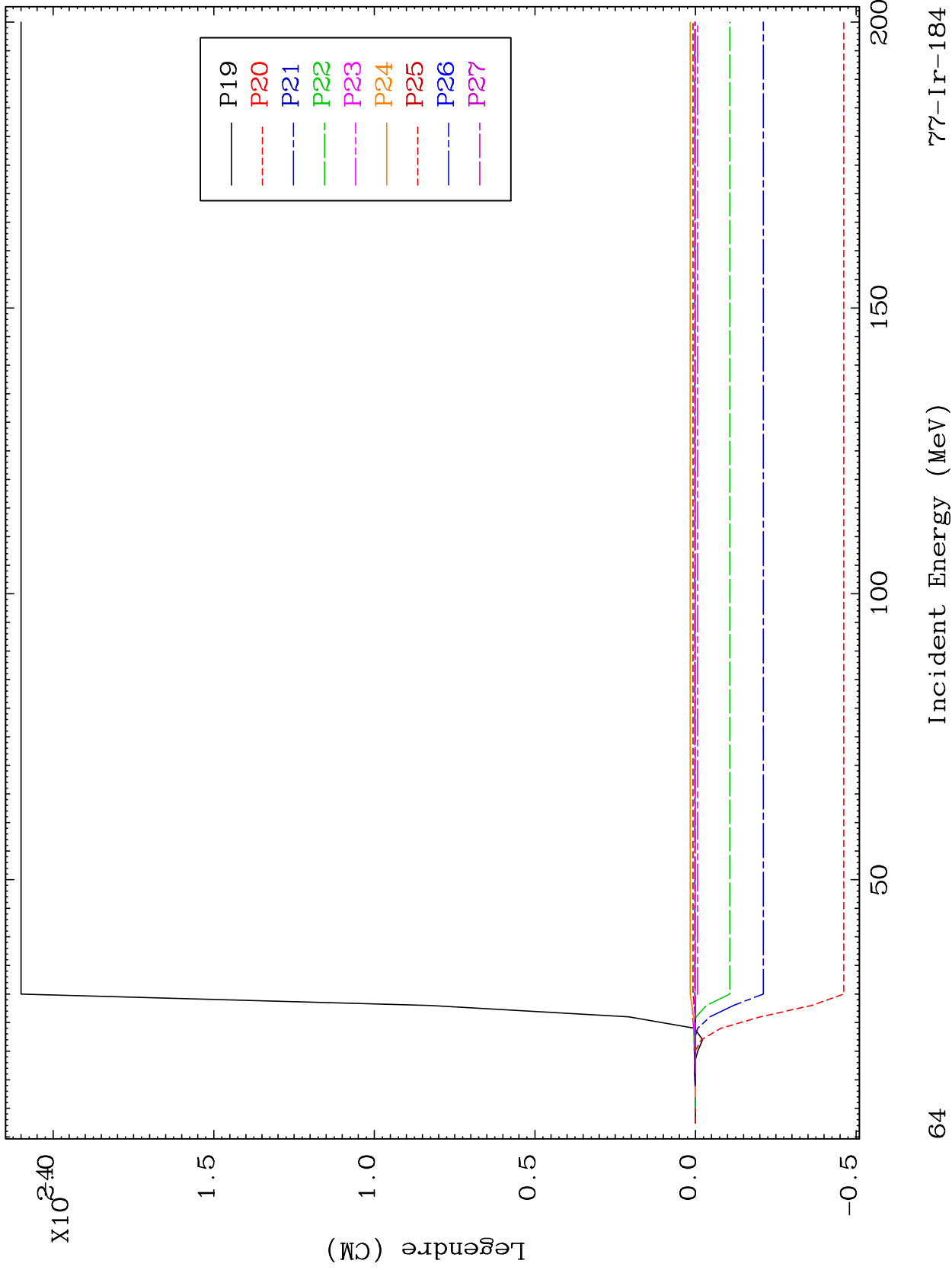
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



64

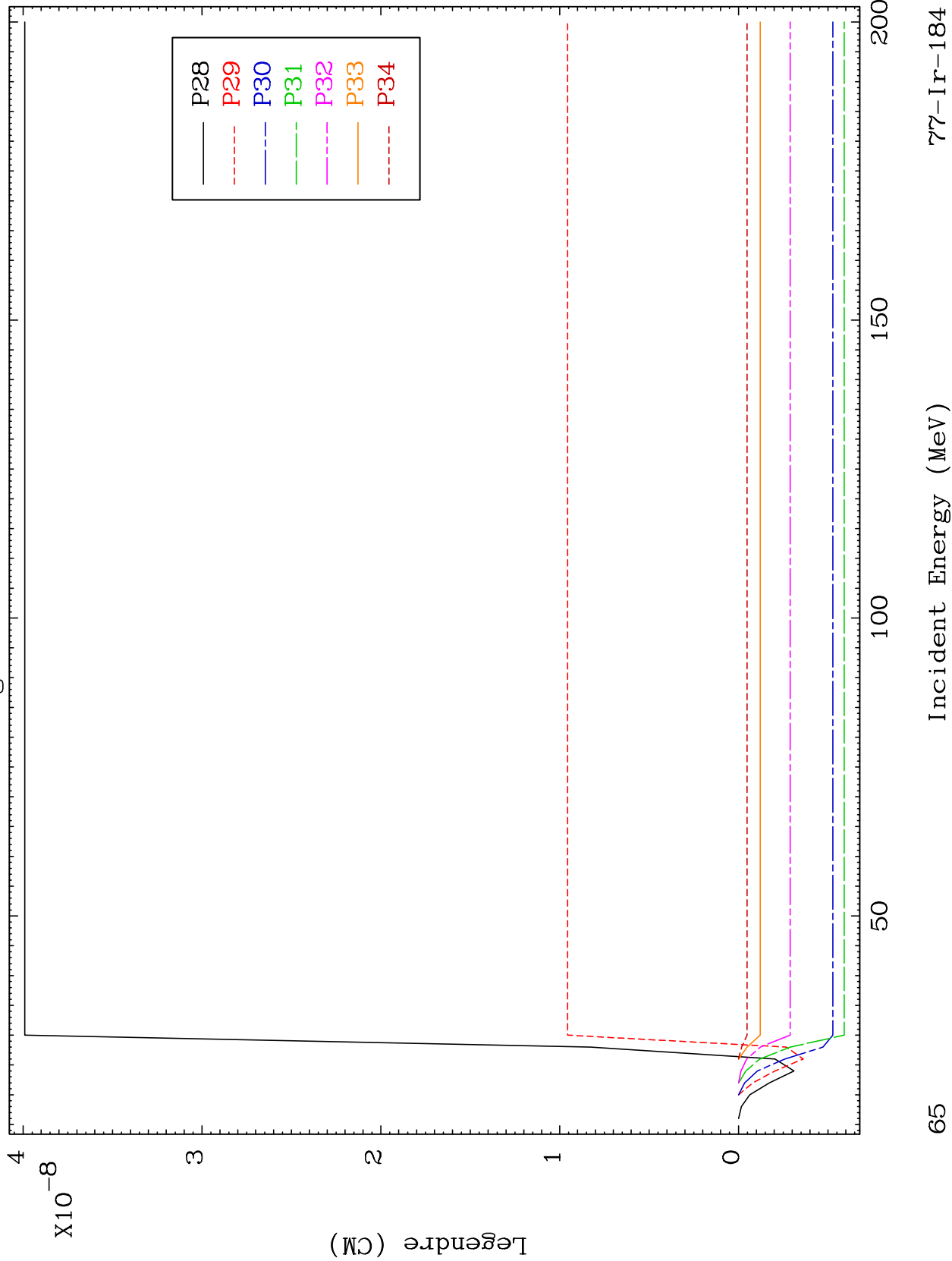
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



65

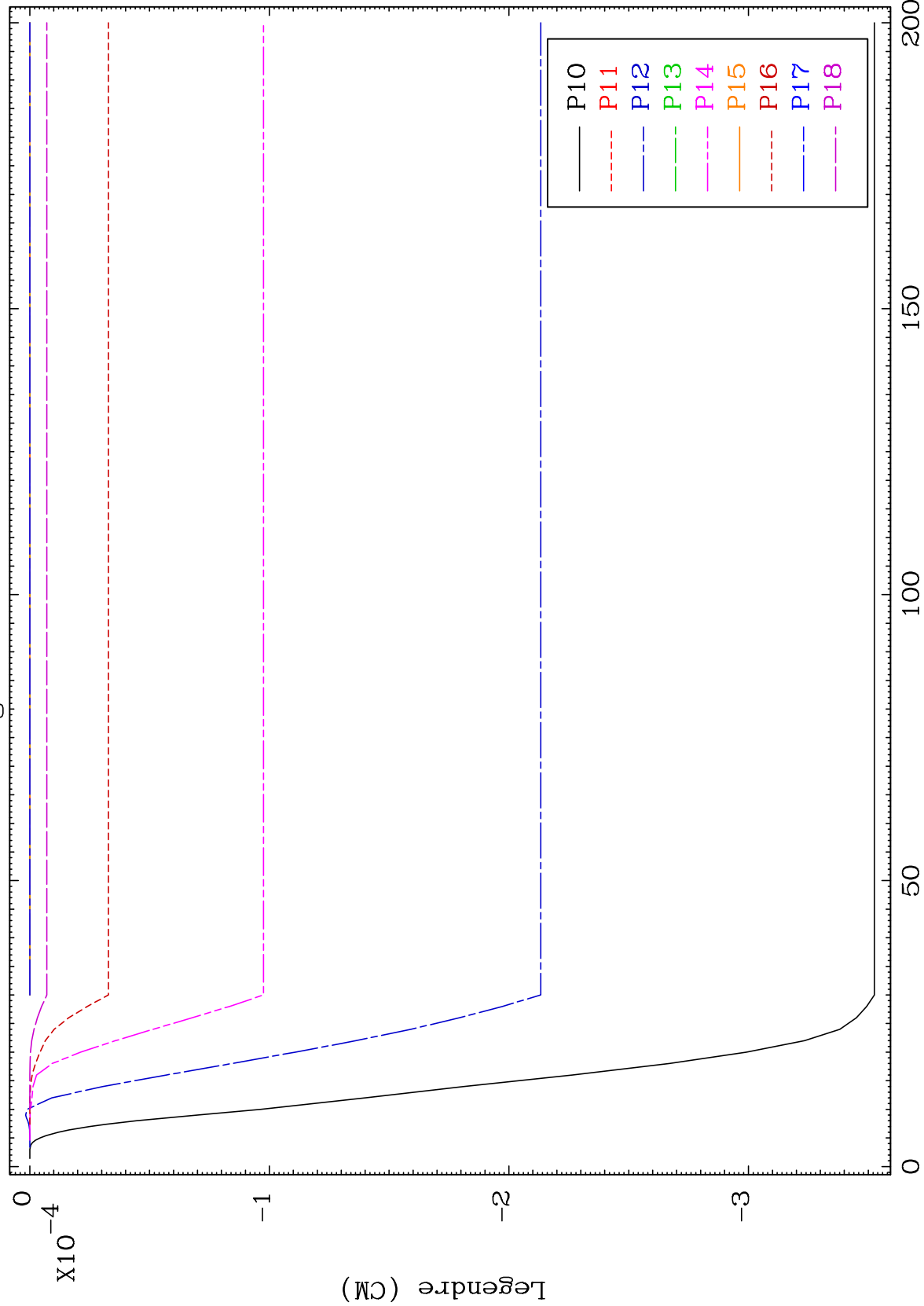
77-Ir-184

MAT 7704

MT= 64 (n,n') Level

77-Ir-184

Legendre Coefficients



77-Ir-184

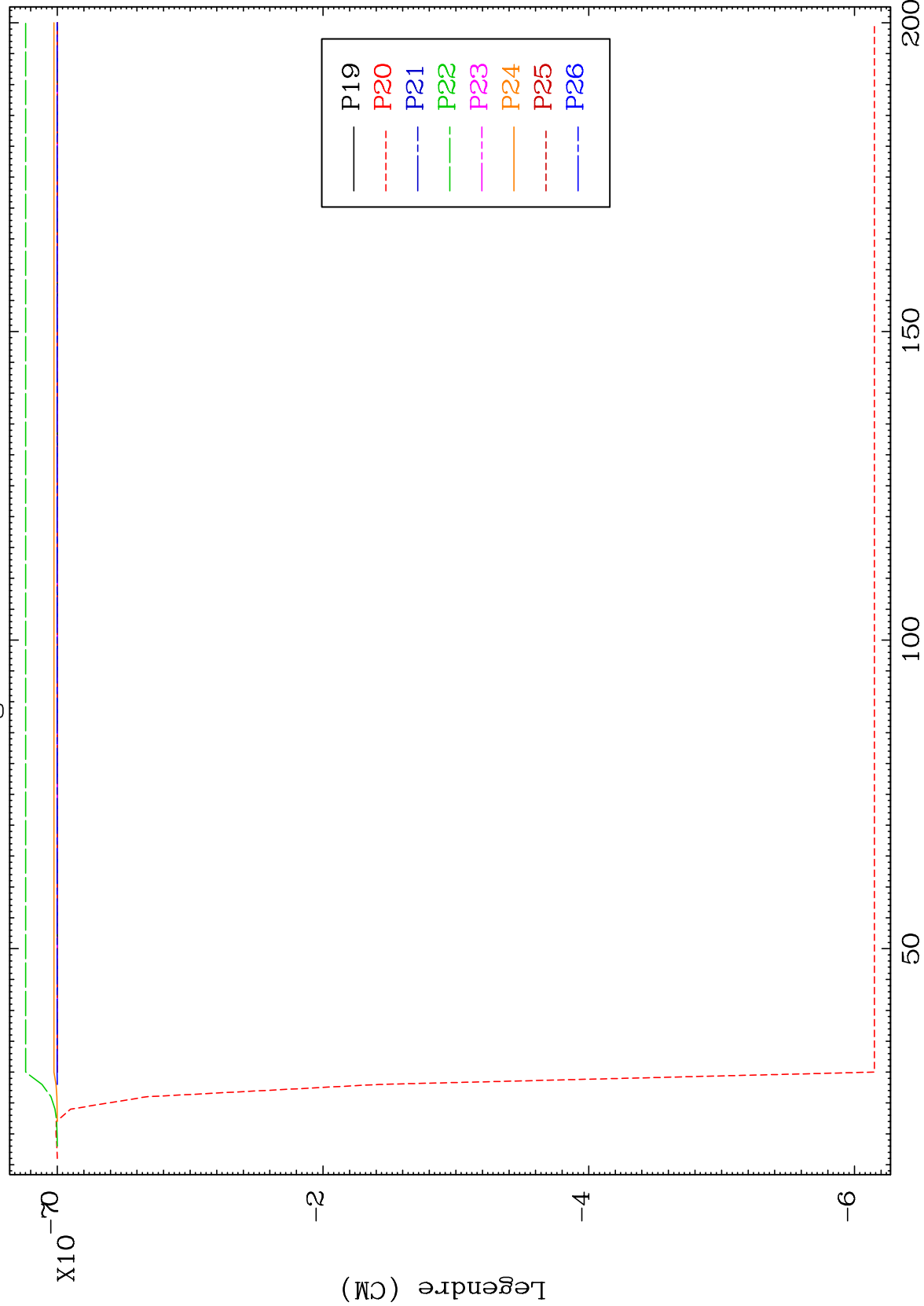
Incident Energy (MeV)

67

MAT 7704

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

77-Ir-184

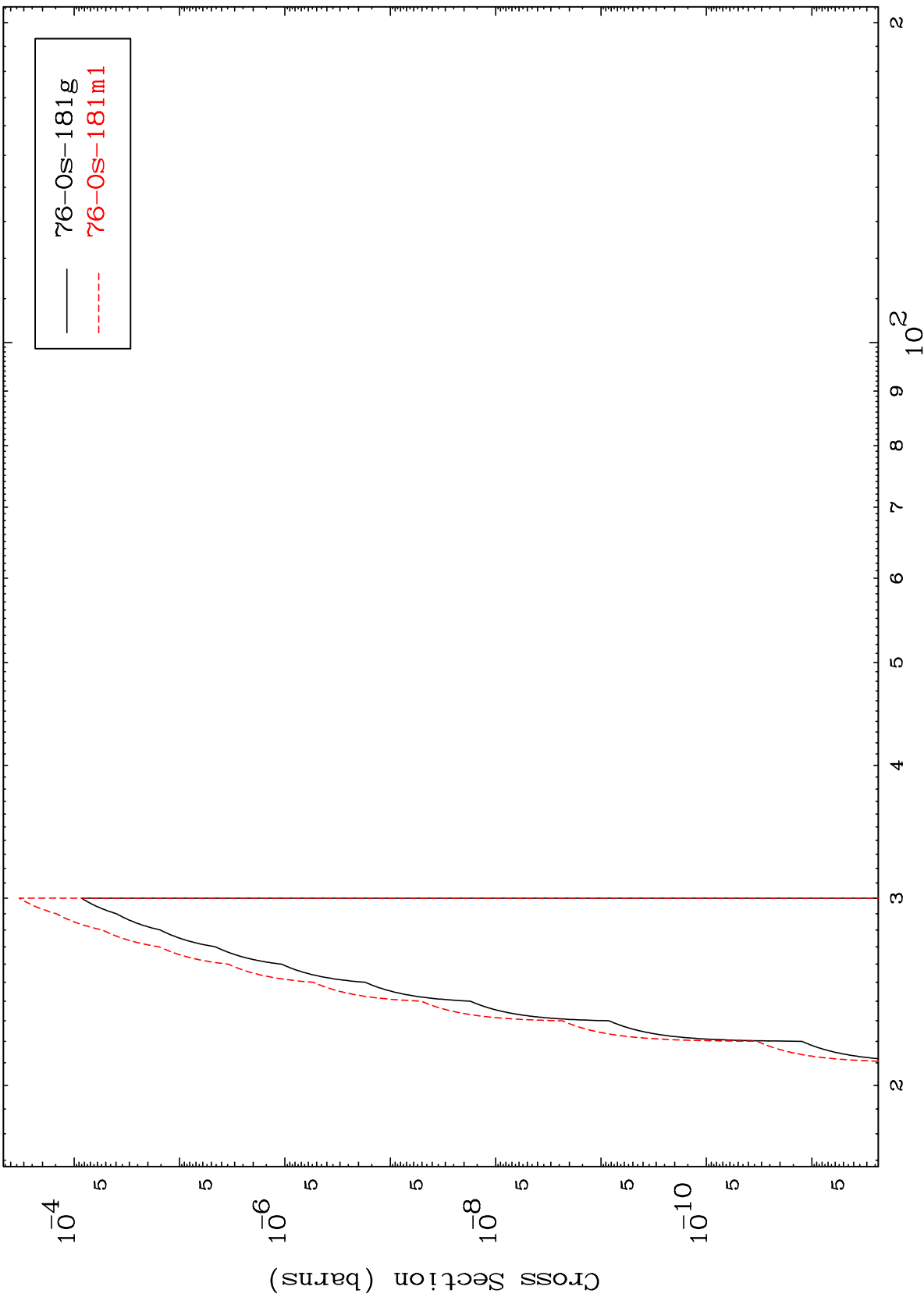


68

Incident Energy (MeV)

77-Ir-184

Radionuclide Production Cross Section

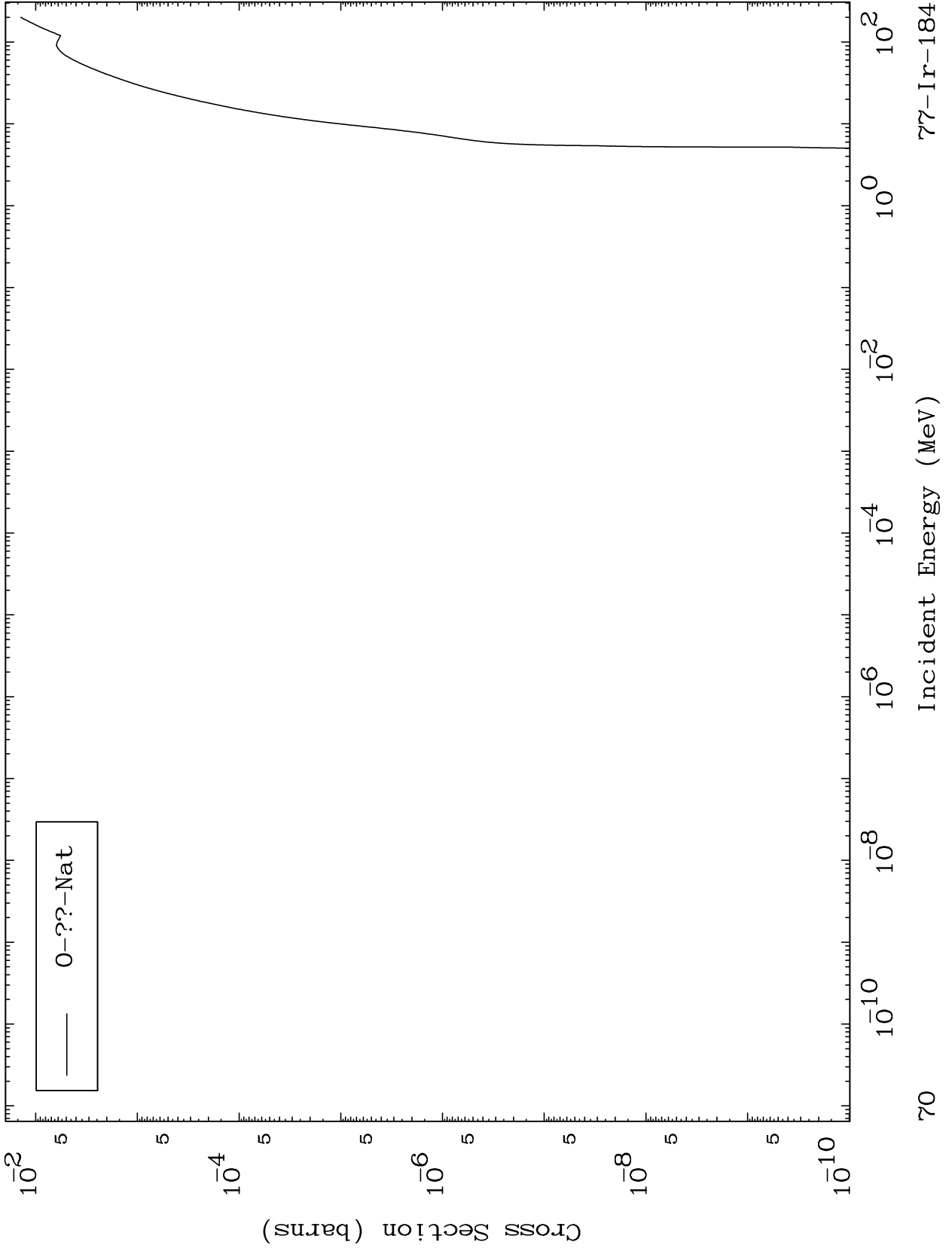


MAT 7704

Fission

⁷⁷Ir-184

Radionuclide Production Cross Section



70

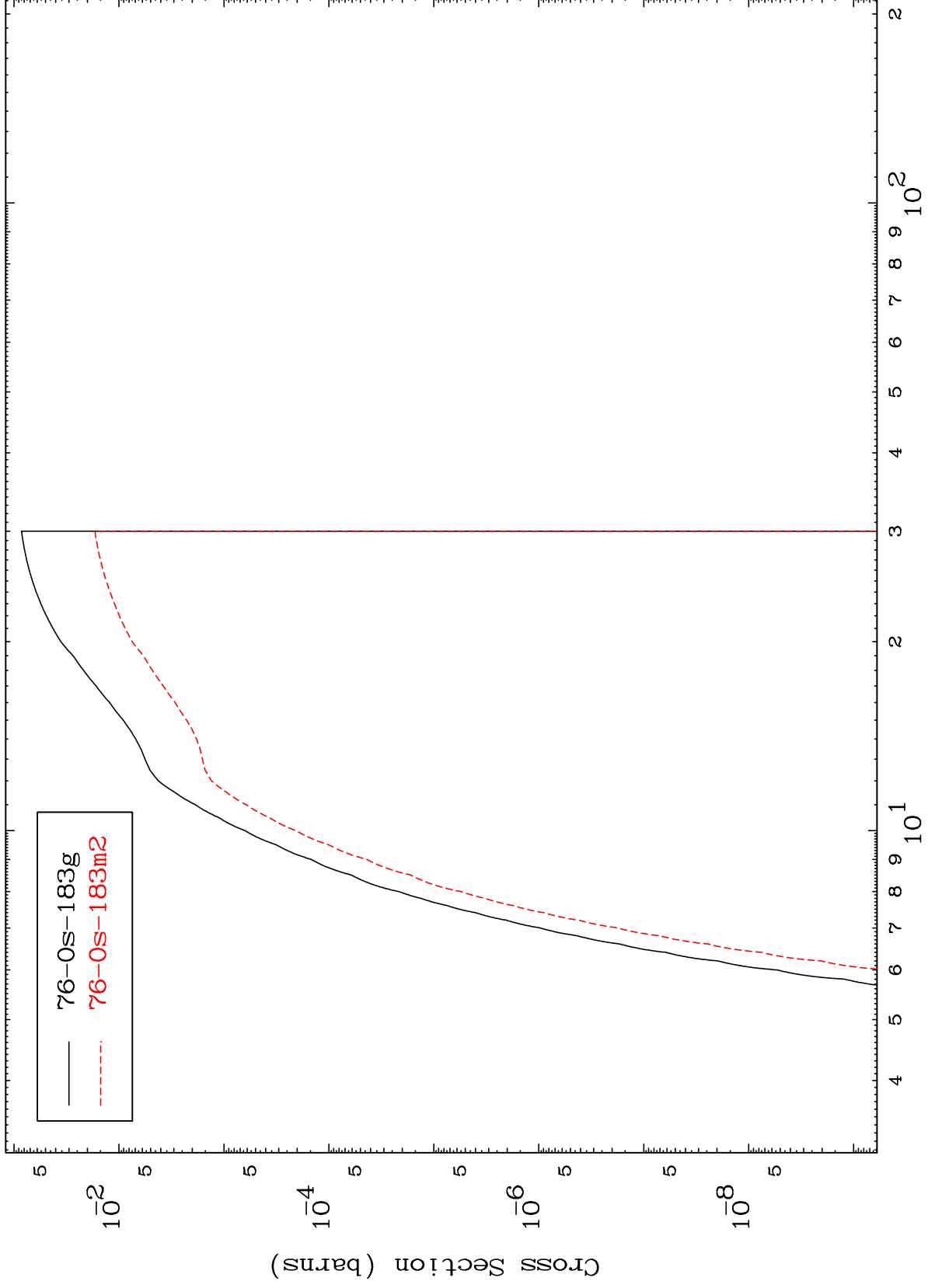
⁷⁷Ir-184

MAT 7704

(n,n') p

77-Ir-184

Radionuclide Production Cross Section



71

Incident Energy (MeV)

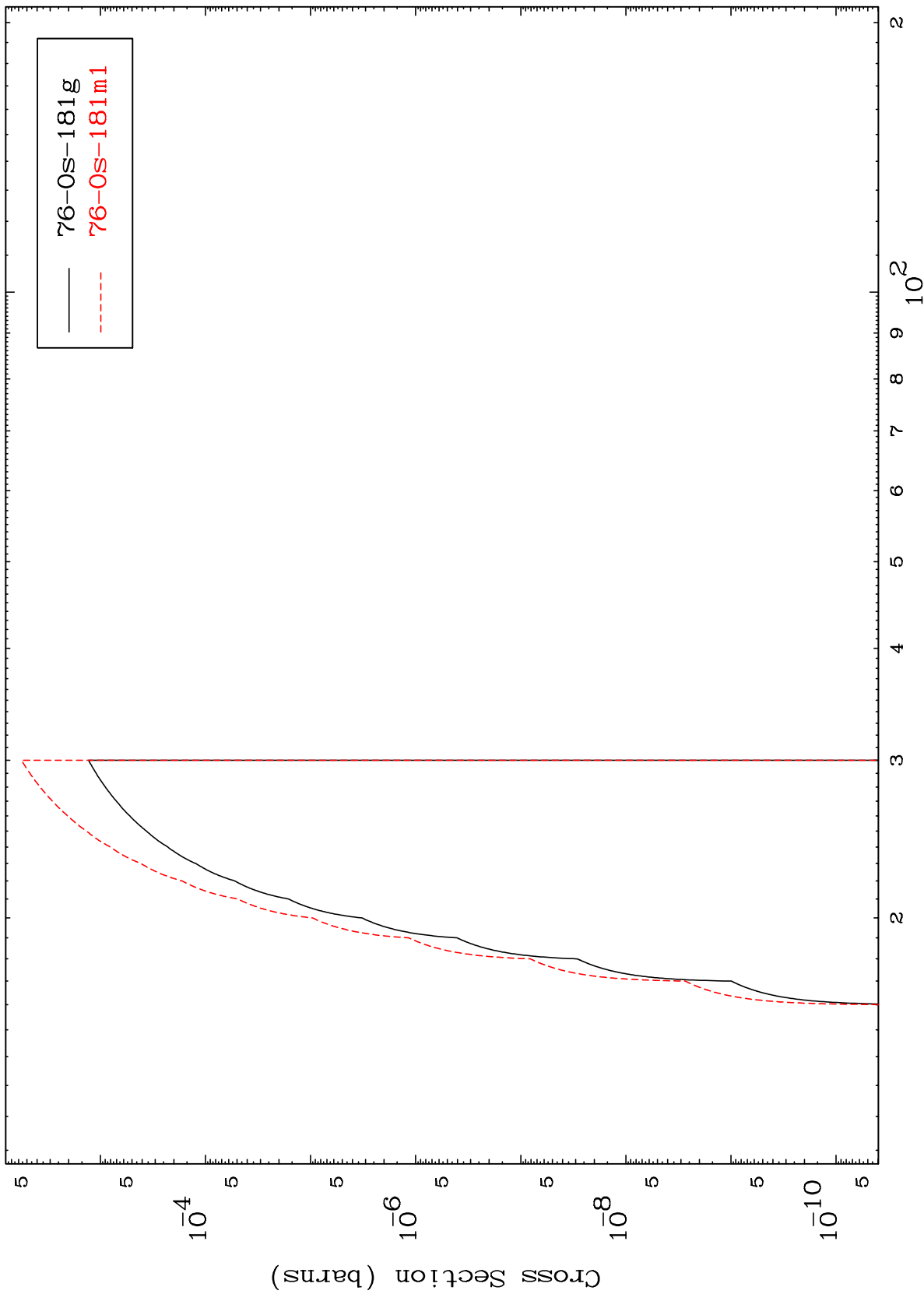
77-Ir-184

MAT 7704

(n,n') t

77-Ir-184

Radionuclide Production Cross Section



72

Incident Energy (MeV)

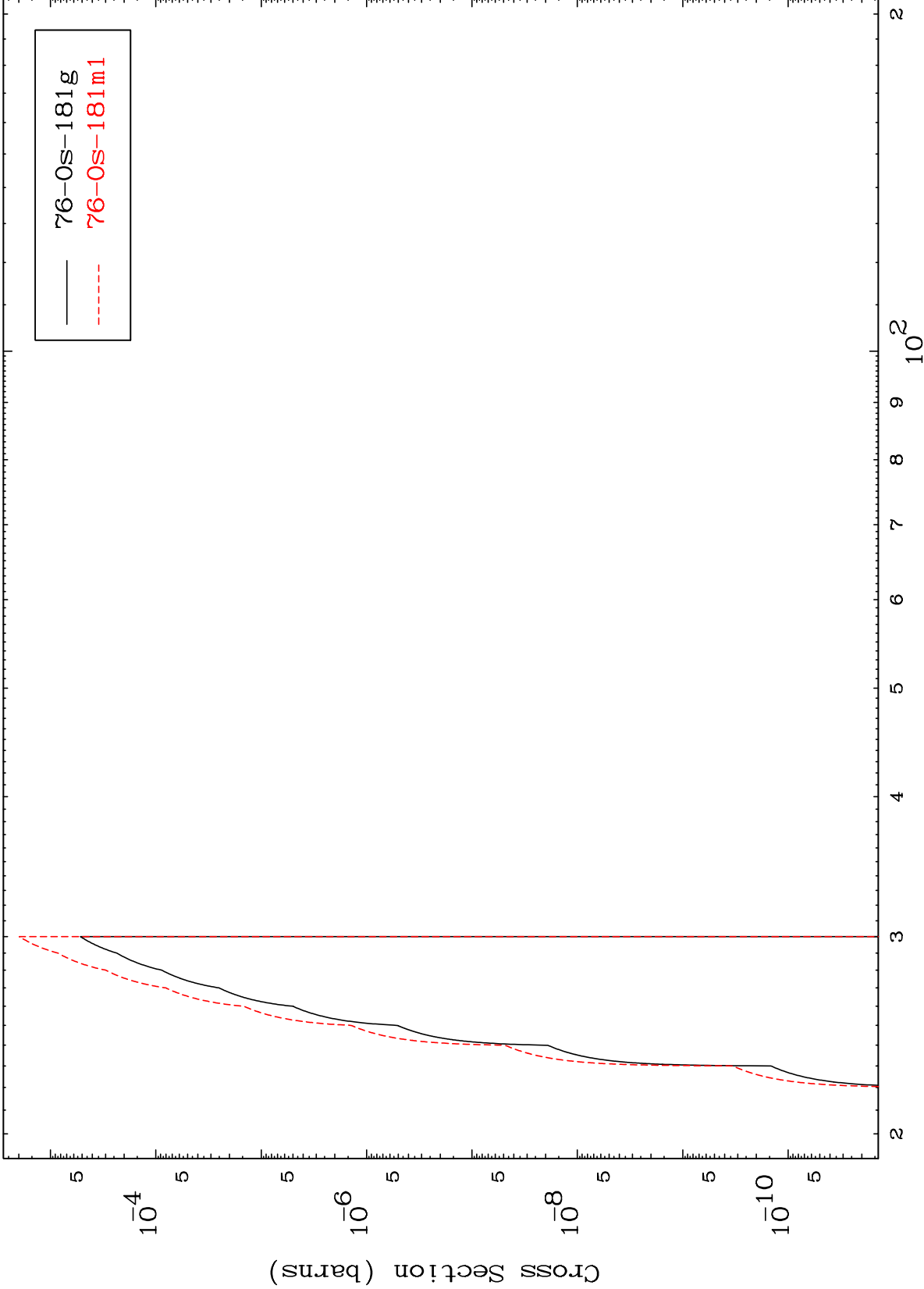
77-Ir-184

MAT 7704

(n,3n) p

77-Ir-184

Radionuclide Production Cross Section



76-Os-181g
76-Os-181m1

73

Incident Energy (MeV)

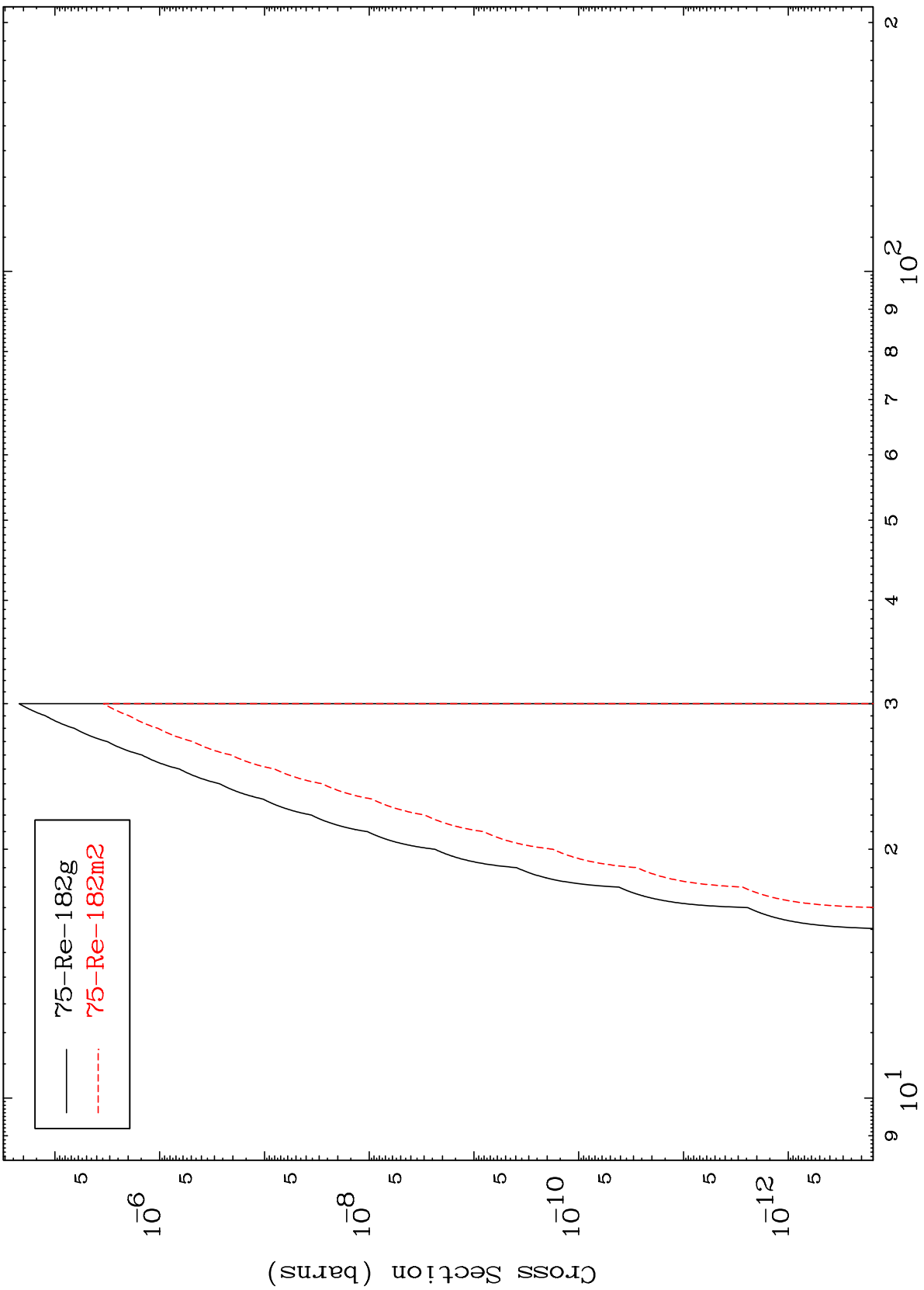
77-Ir-184

MAT 7704

(n,2n) p

⁷⁷Ir-184

Radionuclide Production Cross Section



75-Re-182g
75-Re-182m2

74

Incident Energy (MeV)

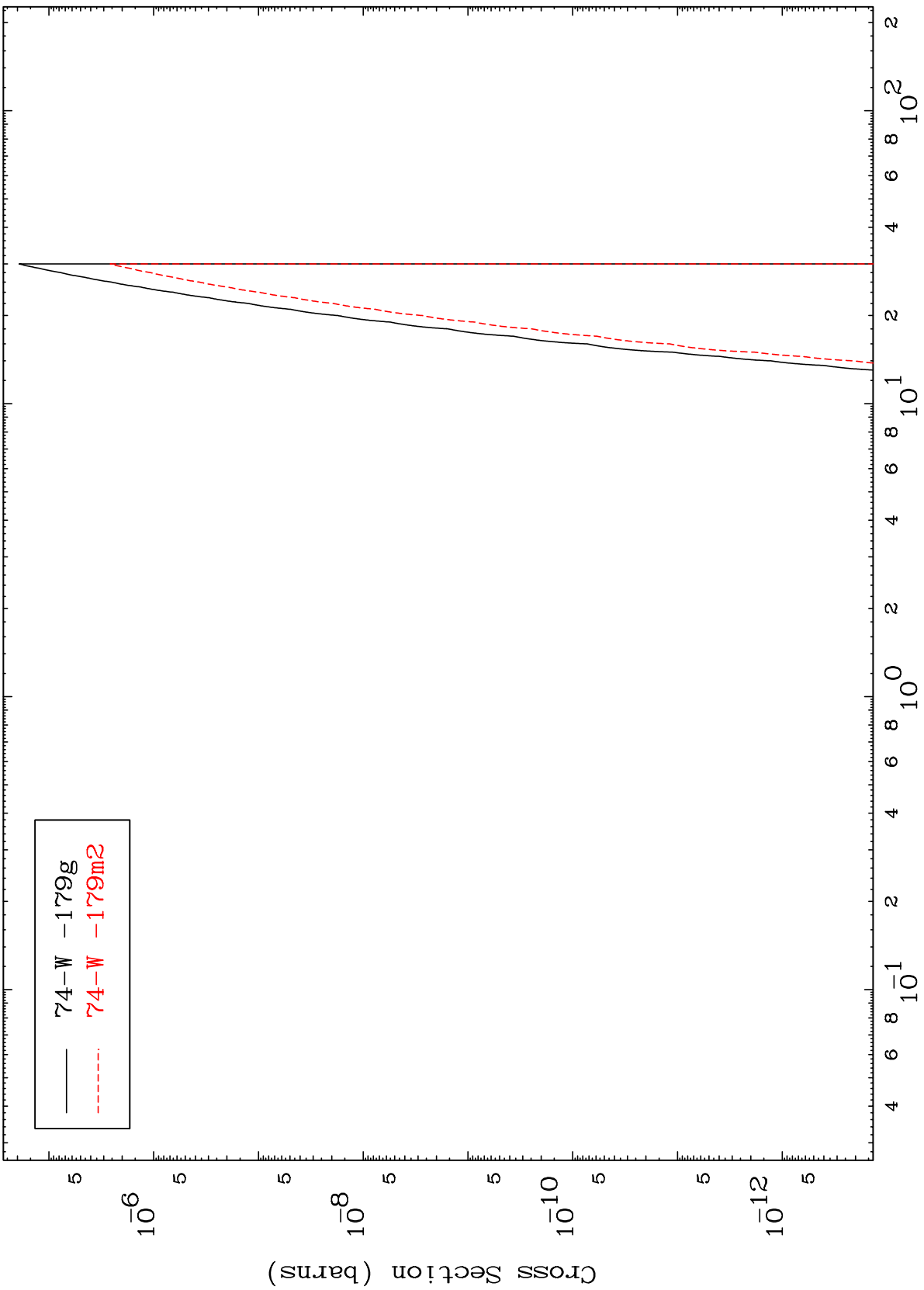
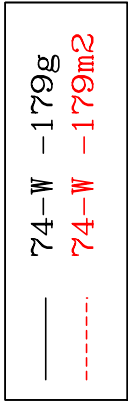
⁷⁷Ir-184

MAT 7704

(n,n') p α

77-Ir-184

Radionuclide Production Cross Section



75

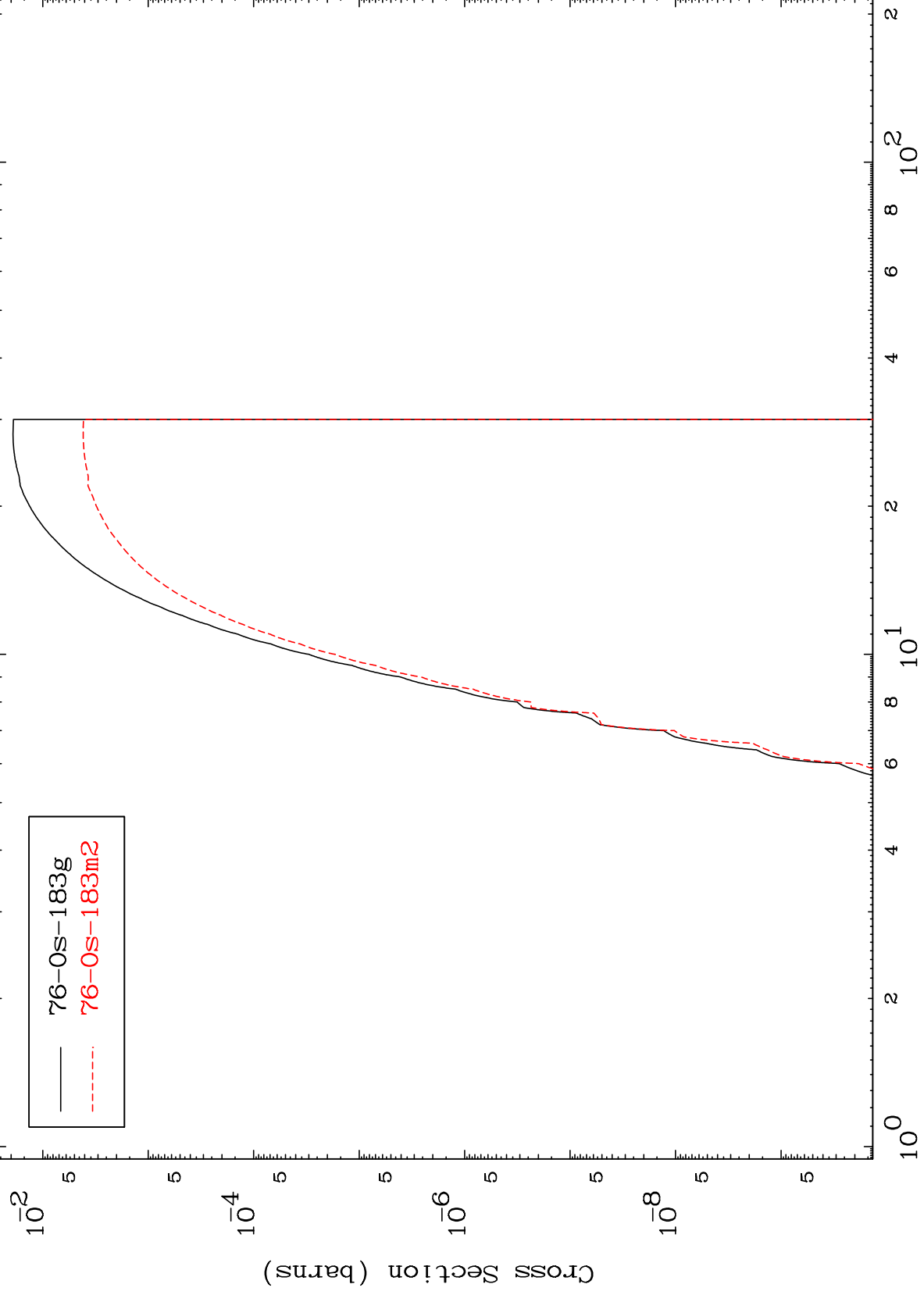
Incident Energy (MeV)

77-Ir-184

MAT 7704

77-Ir-184

(n,d)
Radionuclide Production Cross Section



77-Ir-184

Incident Energy (MeV)

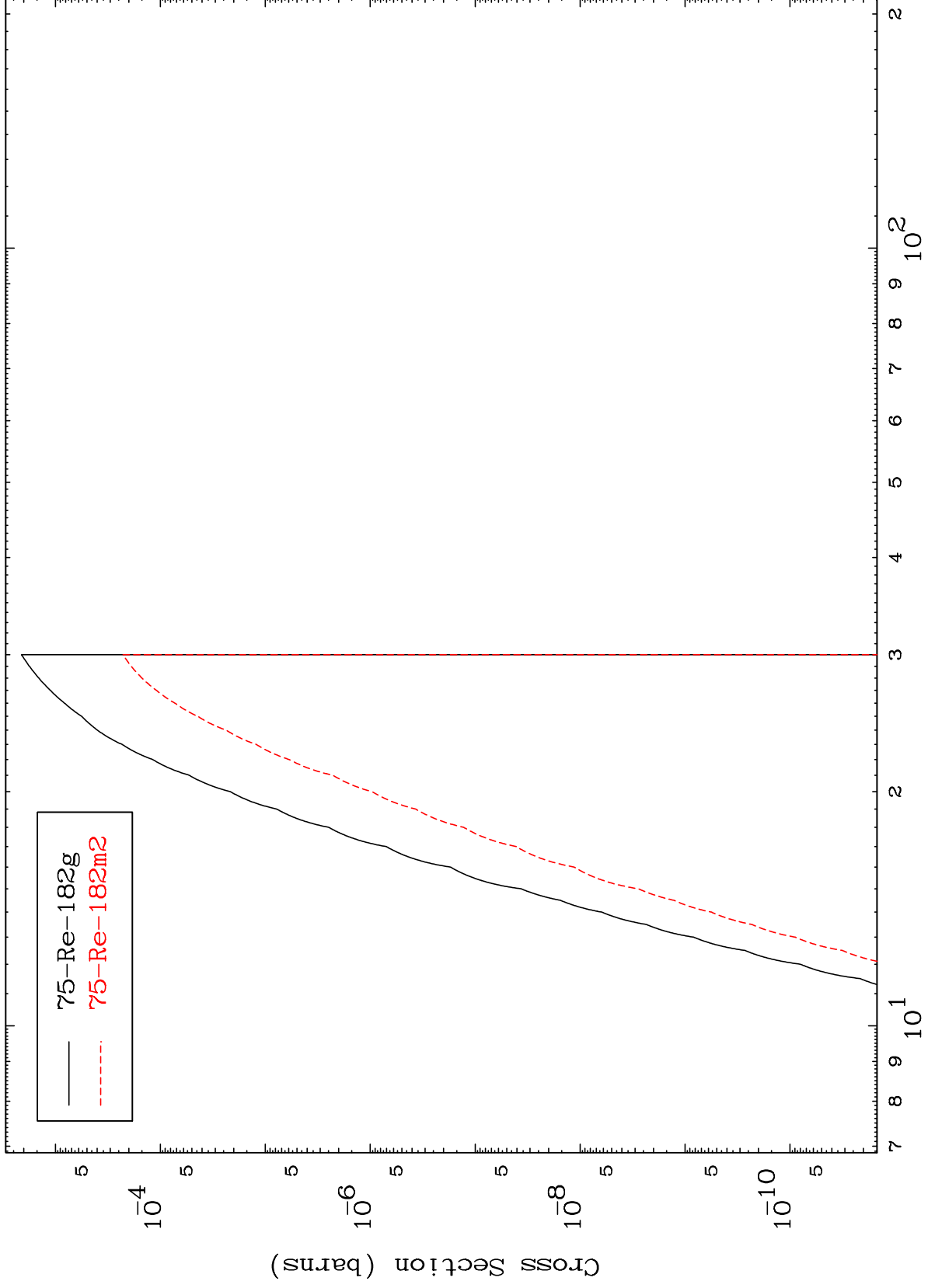
76

MAT 7704

(n,He-3)

77-Ir-184

Radionuclide Production Cross Section



77

Incident Energy (MeV)

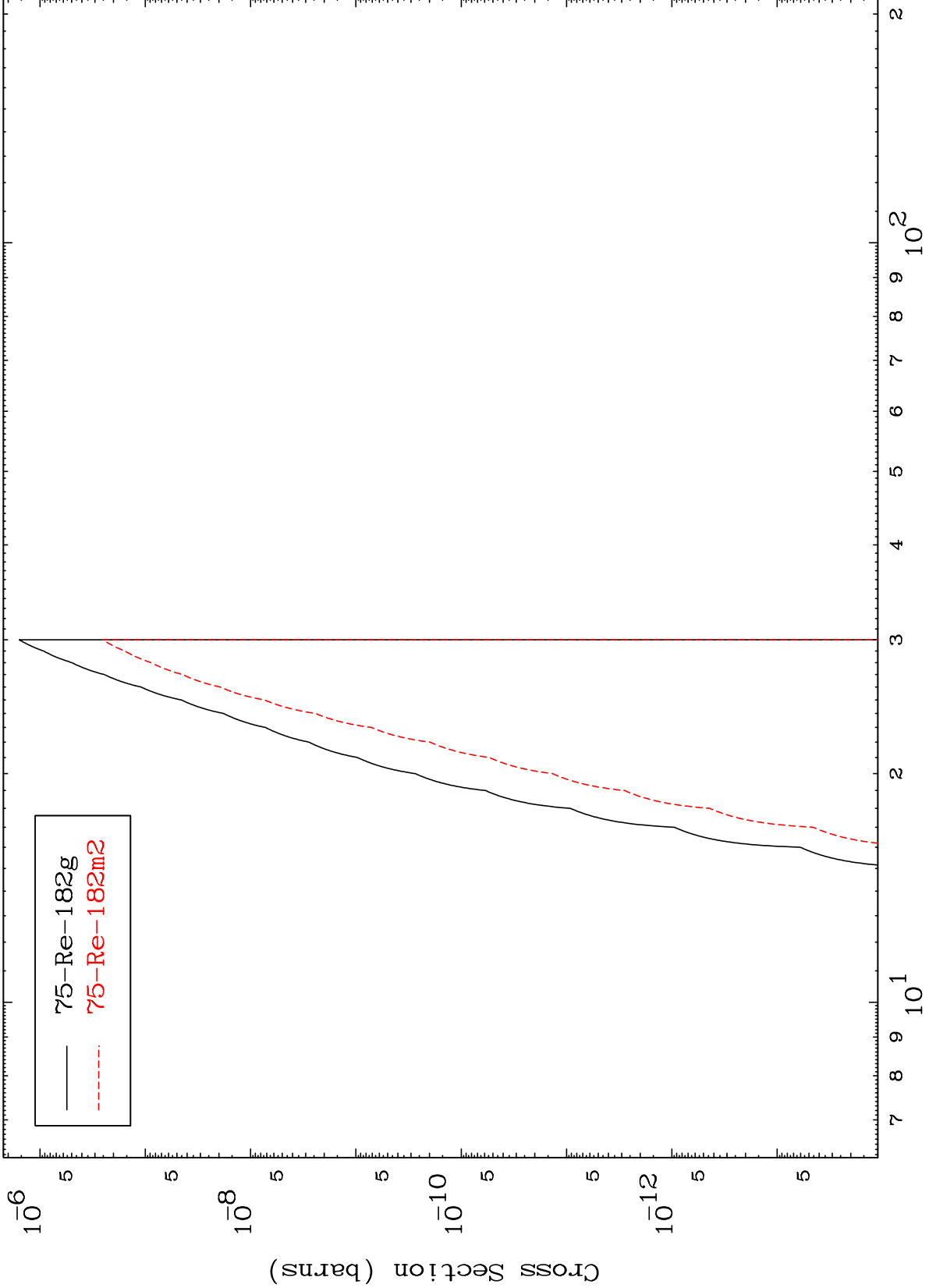
77-Ir-184

MAT 7704

(n,p) d

⁷⁷Ir-184

Radionuclide Production Cross Section



Legend:
— 75-Re-182g
- - - 75-Re-182m2

78

Incident Energy (MeV)

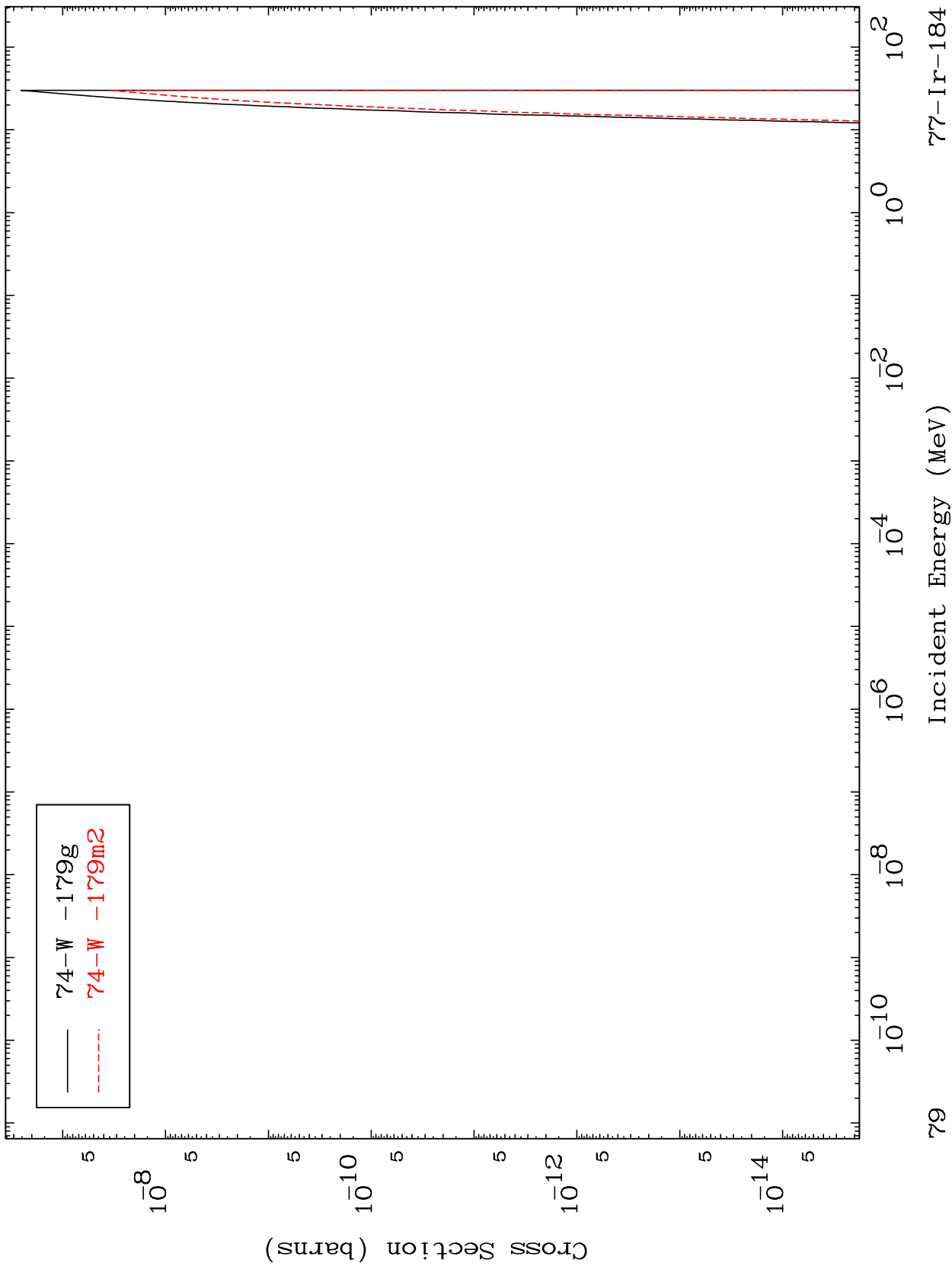
⁷⁷Ir-184

MAT 7704

(n,d) α

⁷⁷Ir-184

Radionuclide Production Cross Section



79

Incident Energy (MeV)

⁷⁷Ir-184