

Program EVALPLOT
(Version 2021-1)

by

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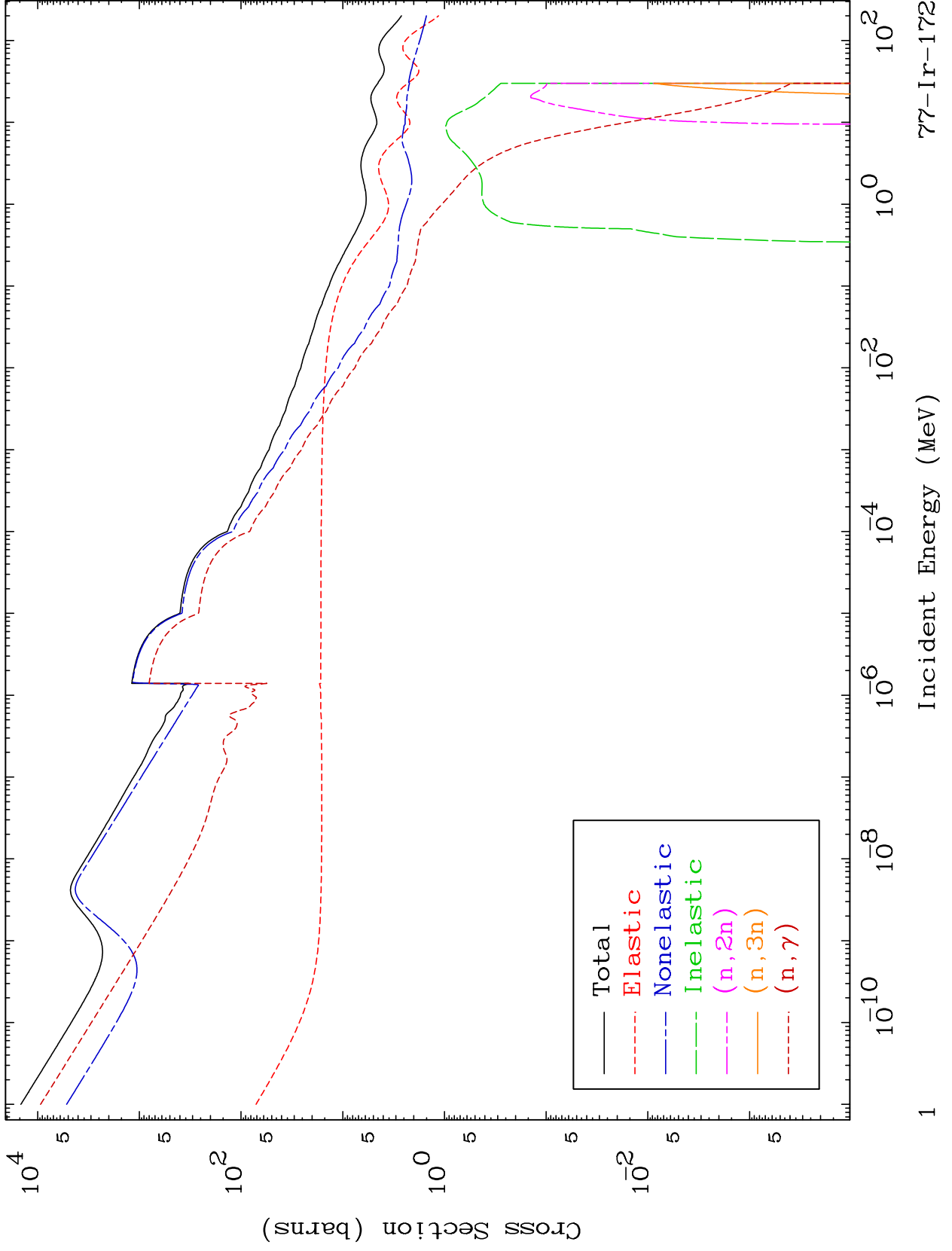
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Press Mouse Button to Start

MAT 7668

Neutron Major
293 Kelvin Cross Sections

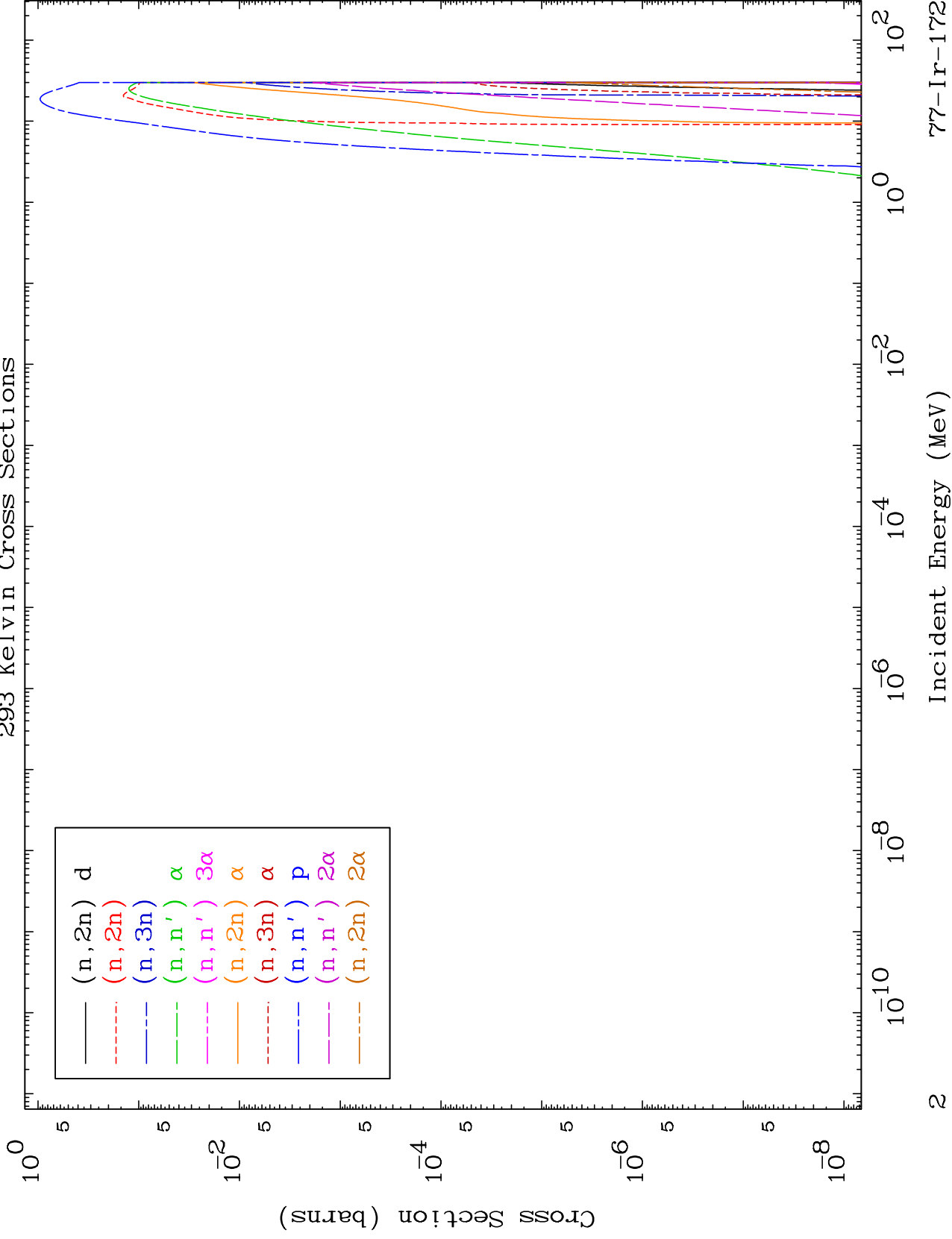
77-Ir-172



MAT 7668

Neutron Absorption
293 Kelvin Cross Sections

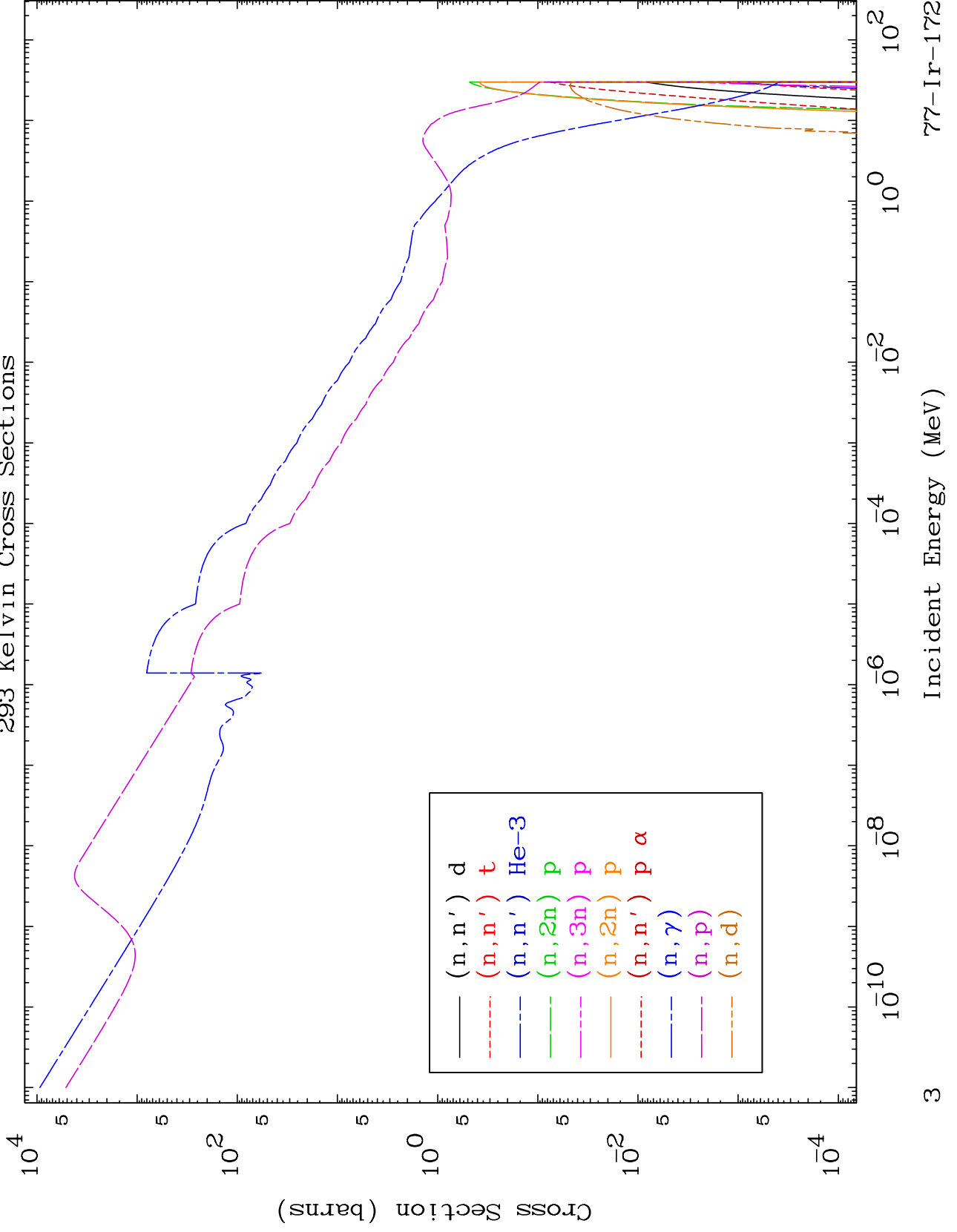
77-Ir-172



MAT 7668

Neutron Absorption
293 Kelvin Cross Sections

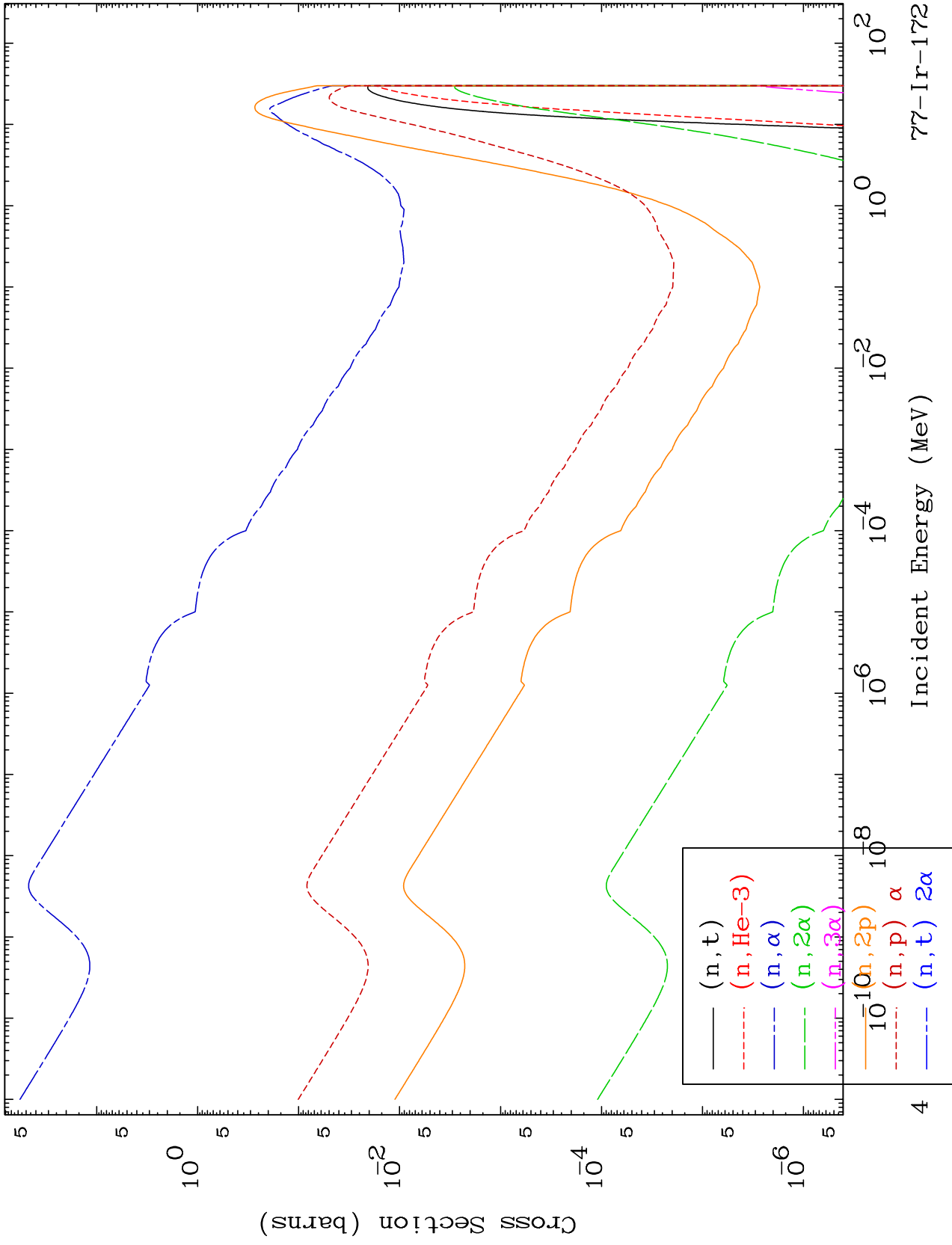
77-Ir-172

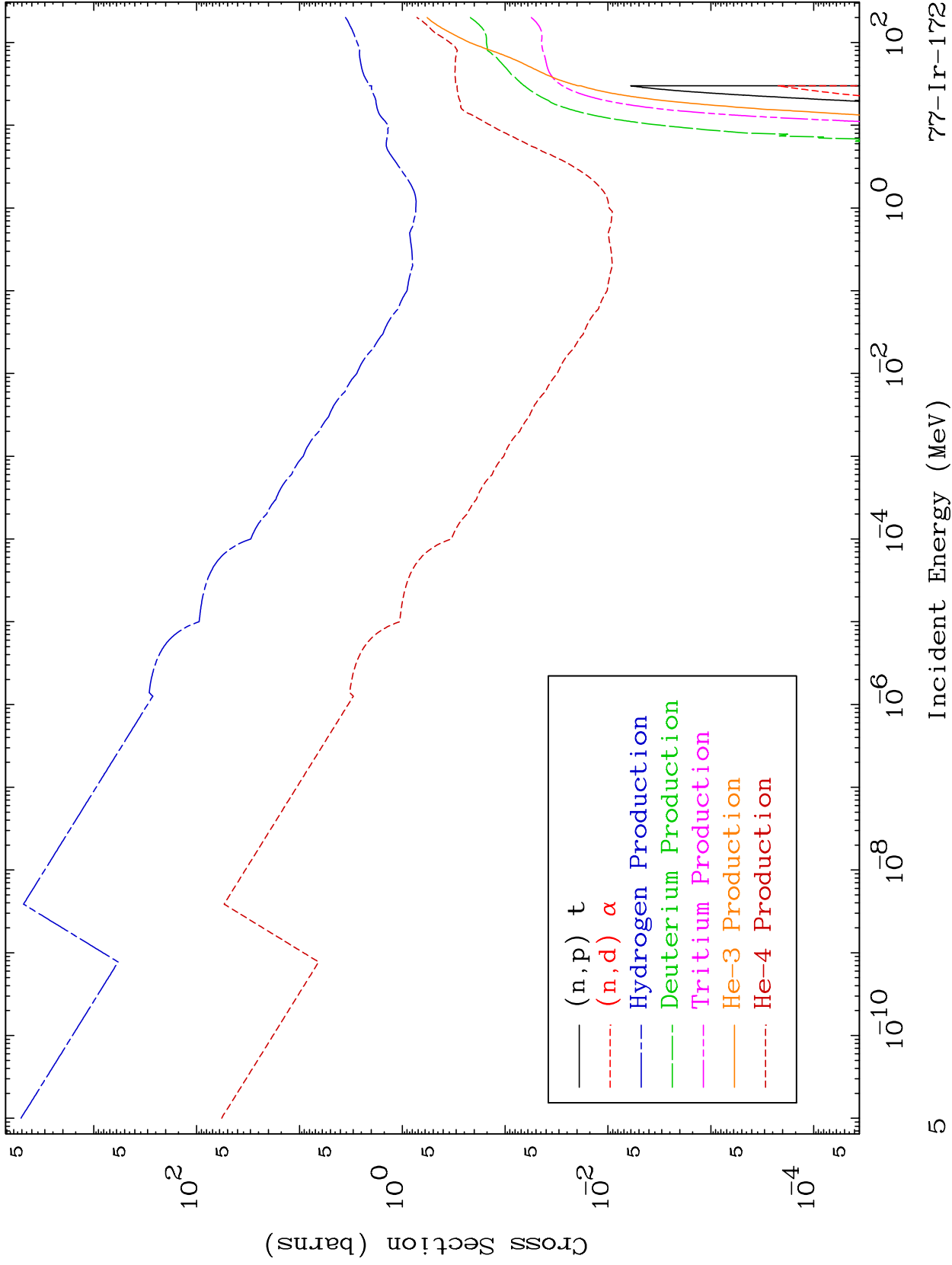


MAT 7668

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-172

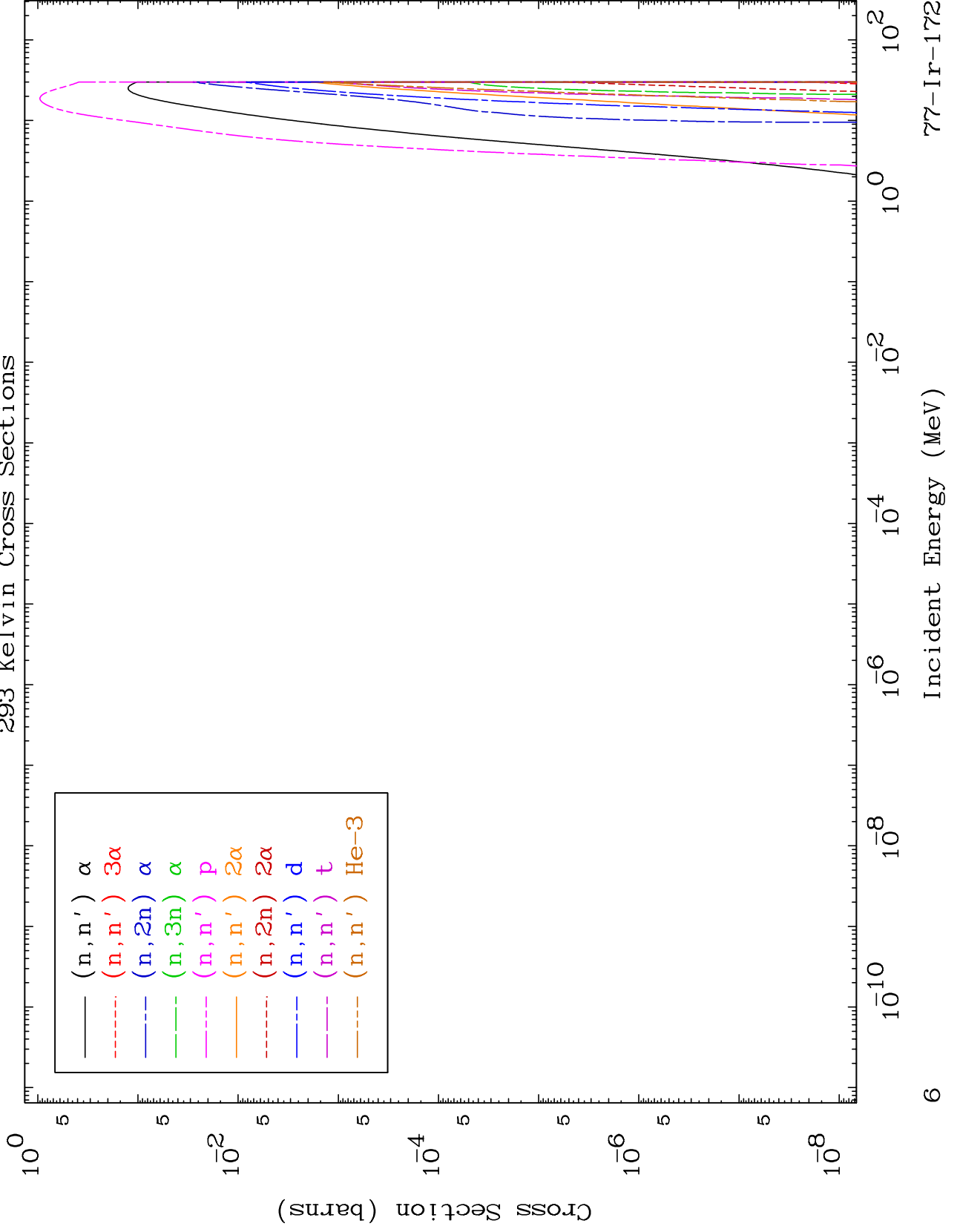




MAT 7668

Charged Particle
293 Kelvin Cross Sections

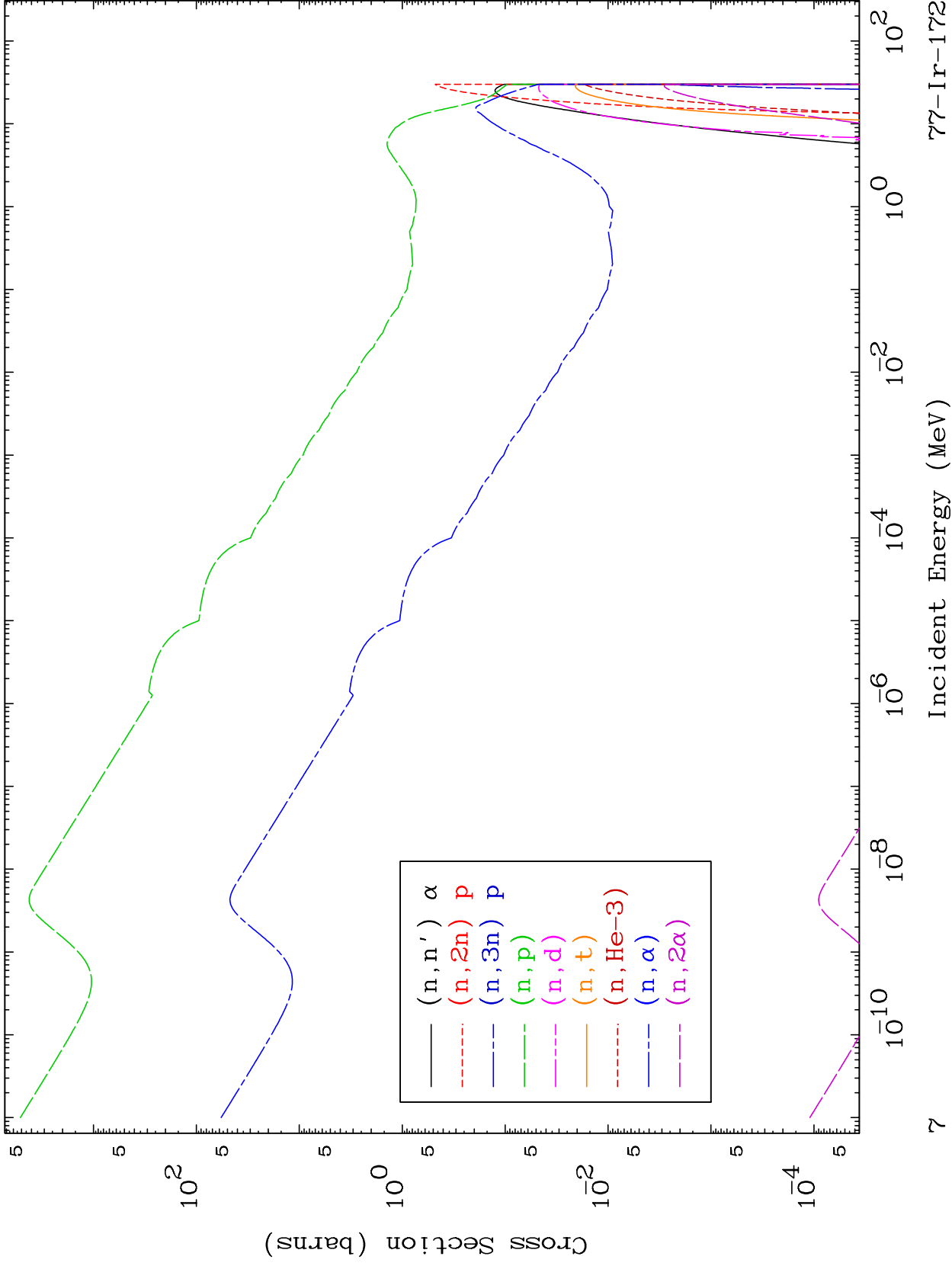
77-Ir-172



MAT 7668

Charged Particle
293 Kelvin Cross Sections

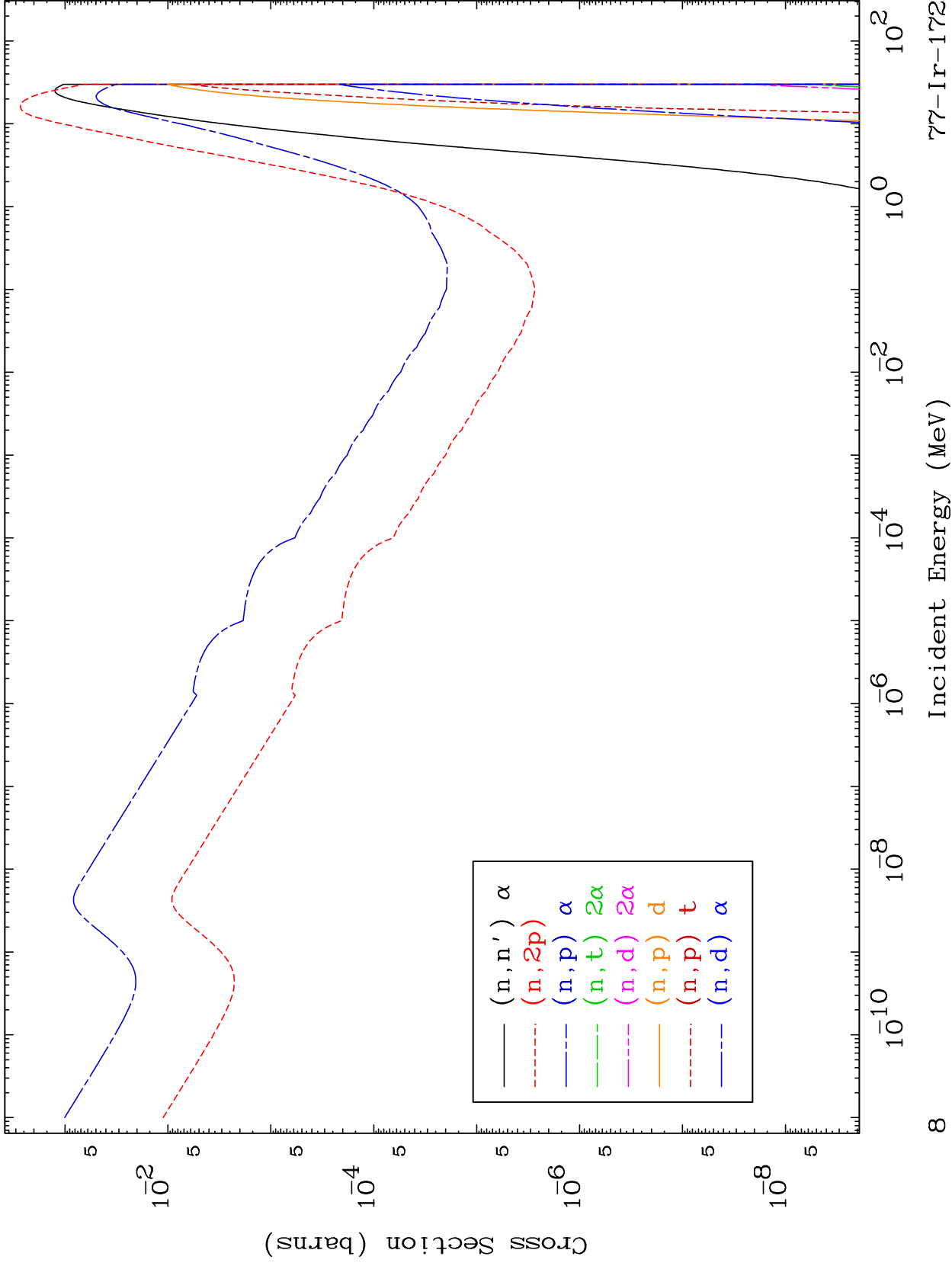
77-Ir-172

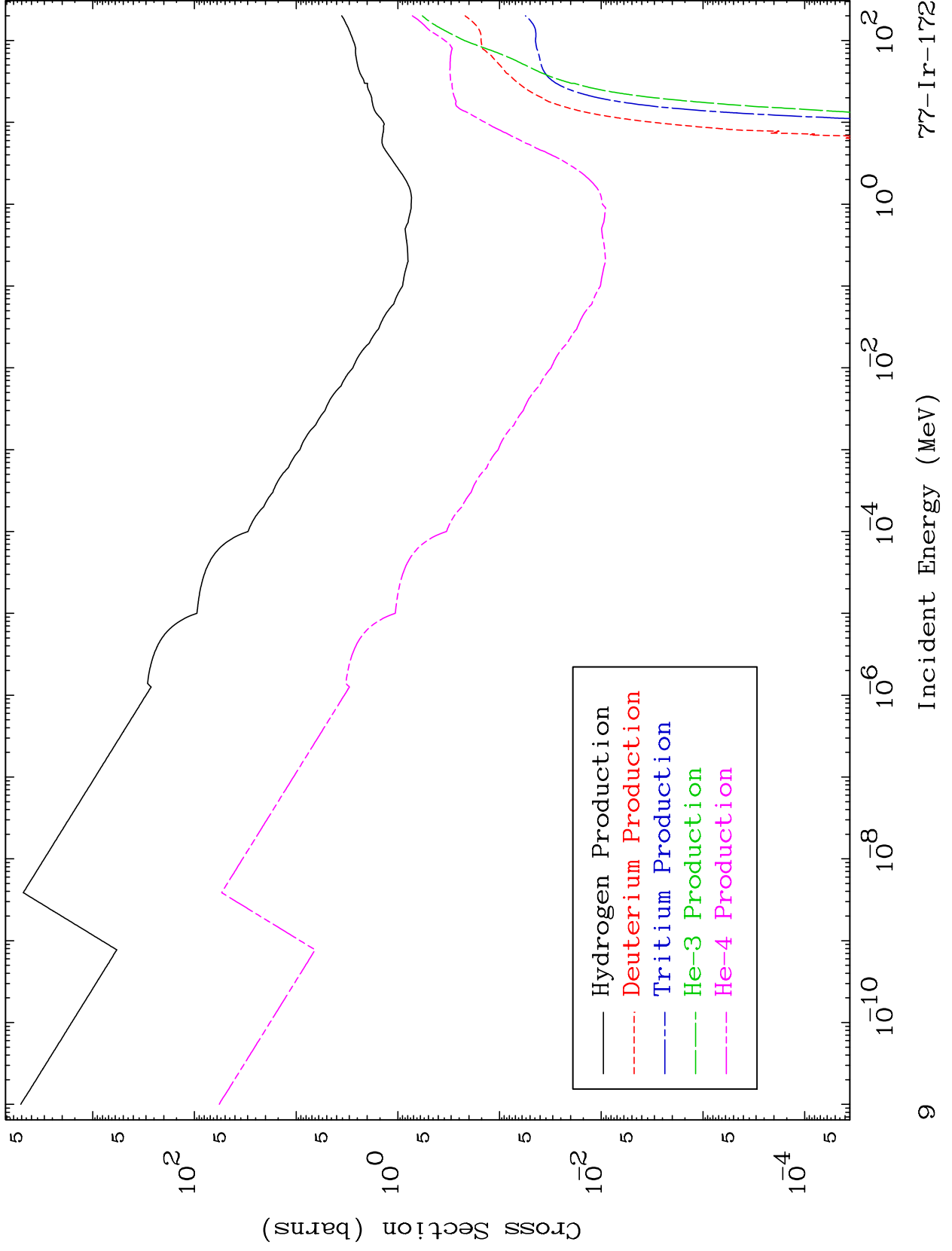


MAT 7668

Charged Particle
293 Kelvin Cross Sections

⁷⁷Ir-172



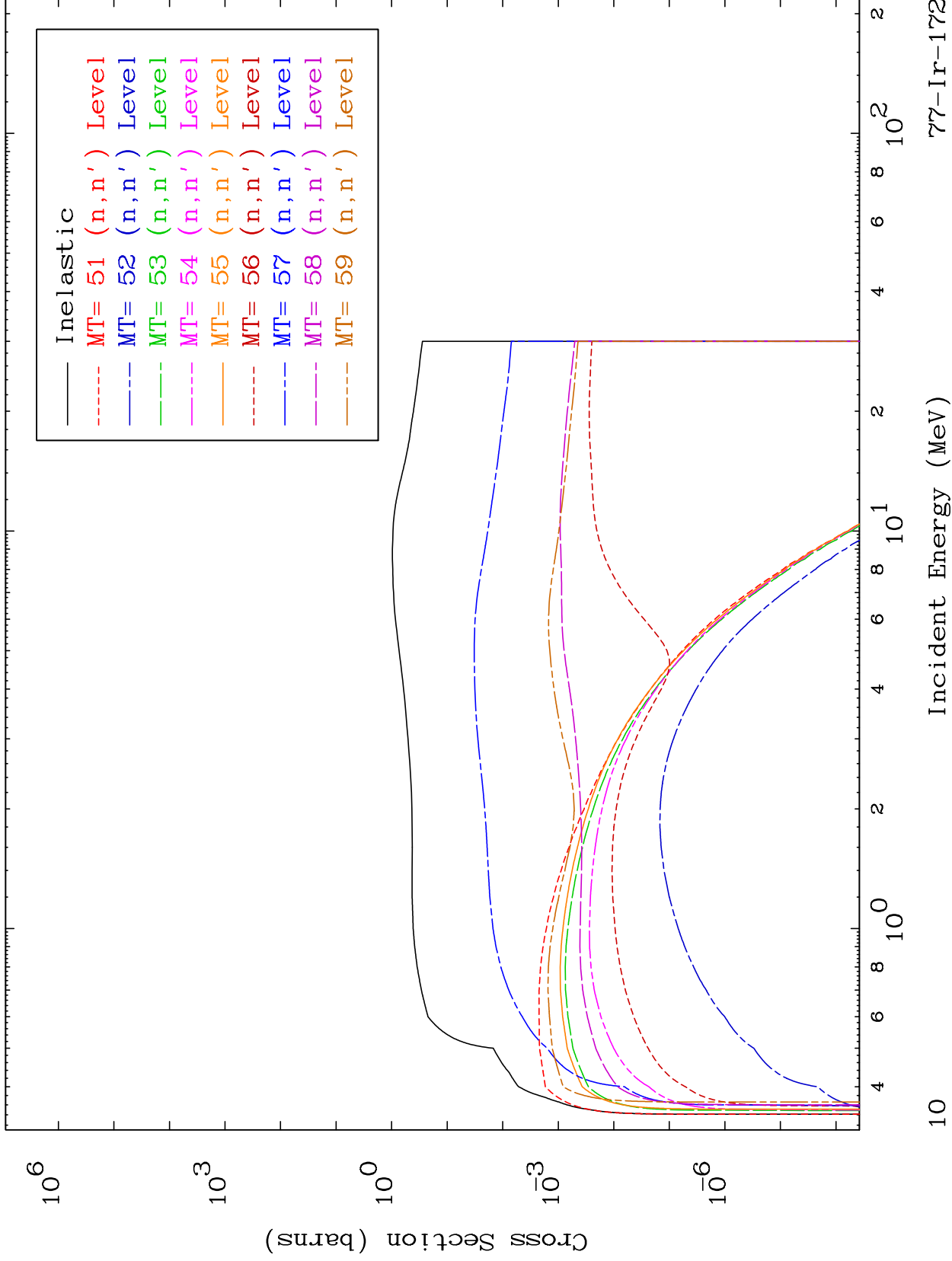


MAT 7668

(n,n') Levels

77-Ir-172

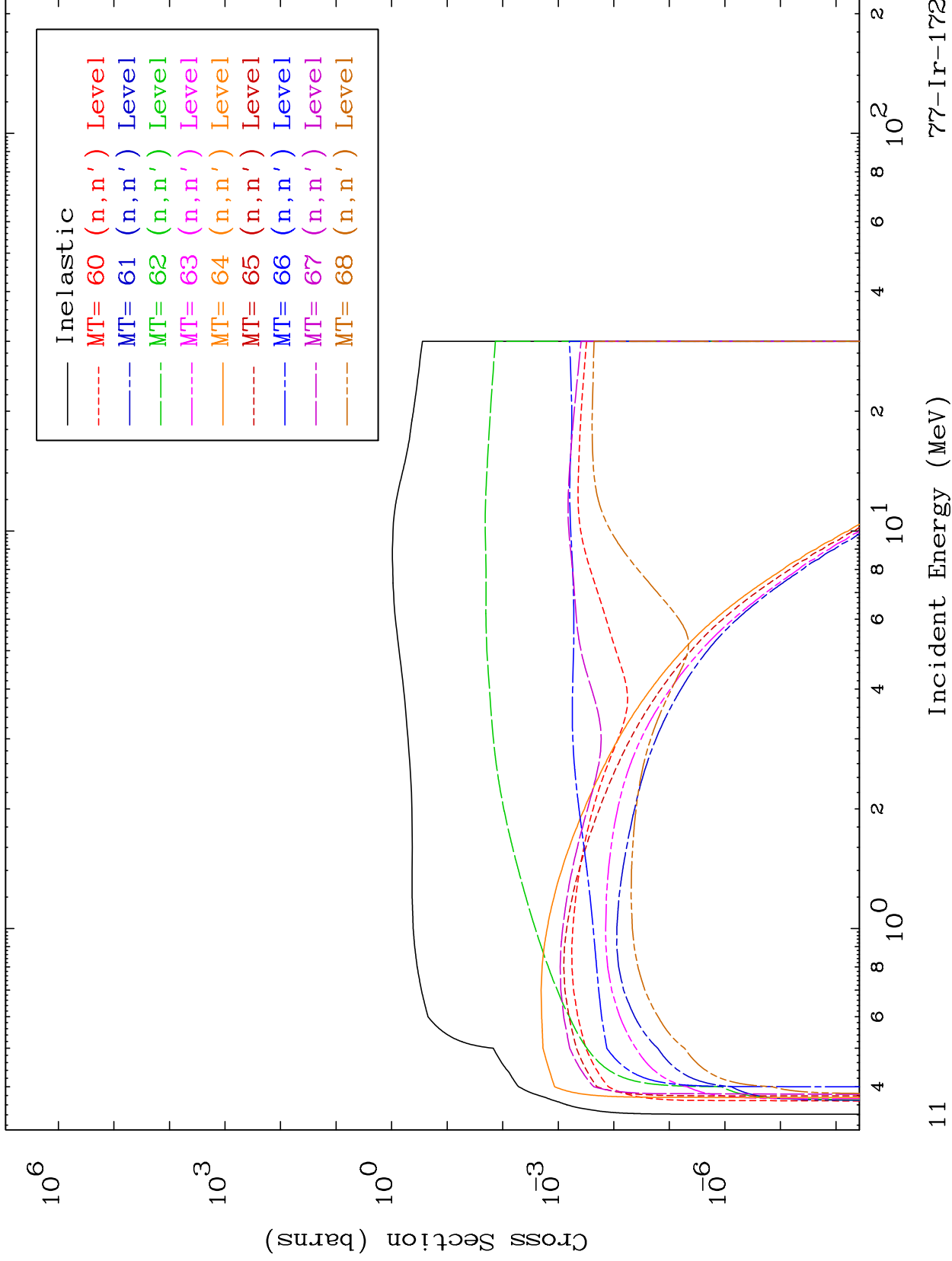
293 Kelvin Cross Sections

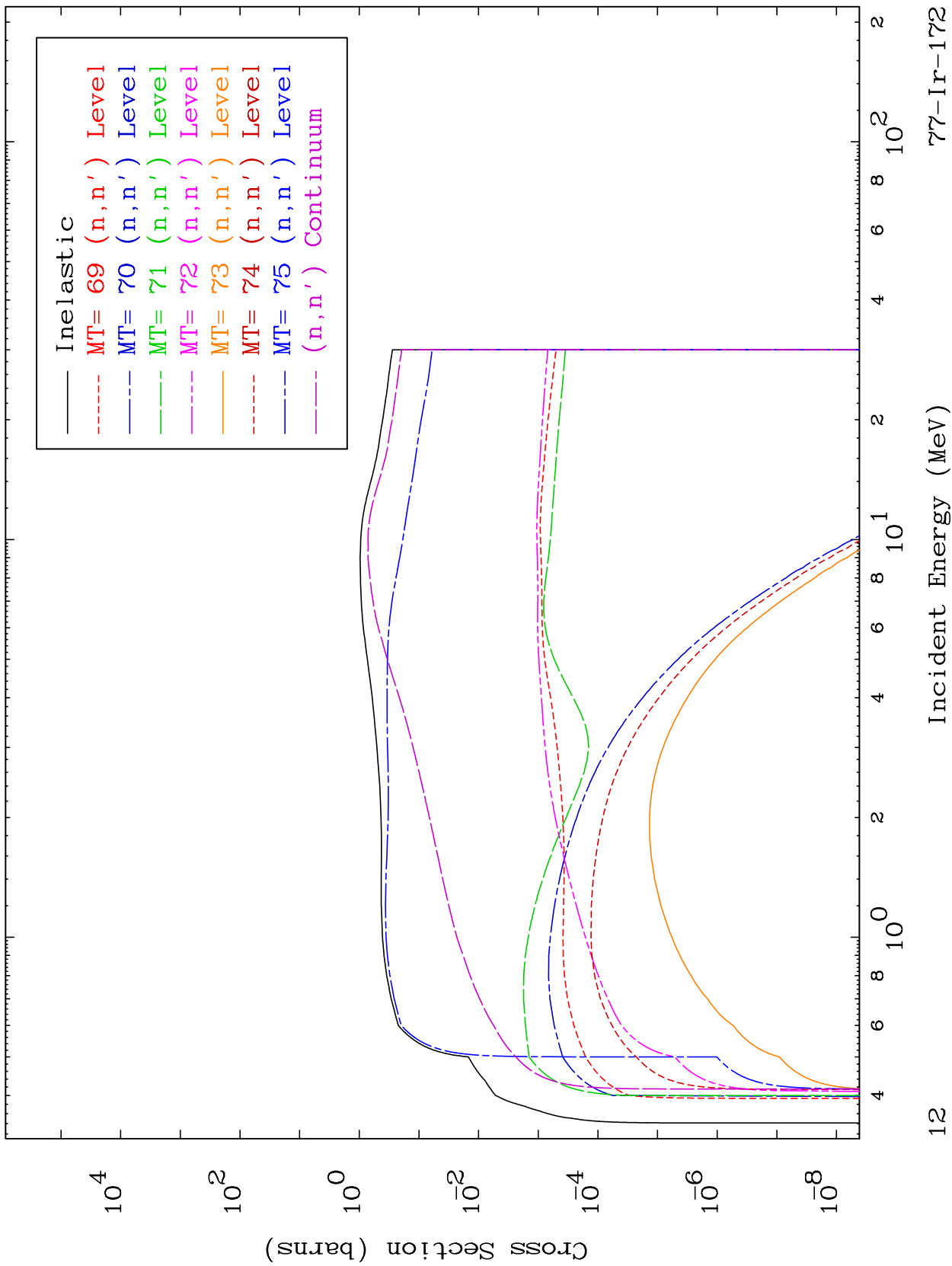


10

Incident Energy (MeV)

77-Ir-172

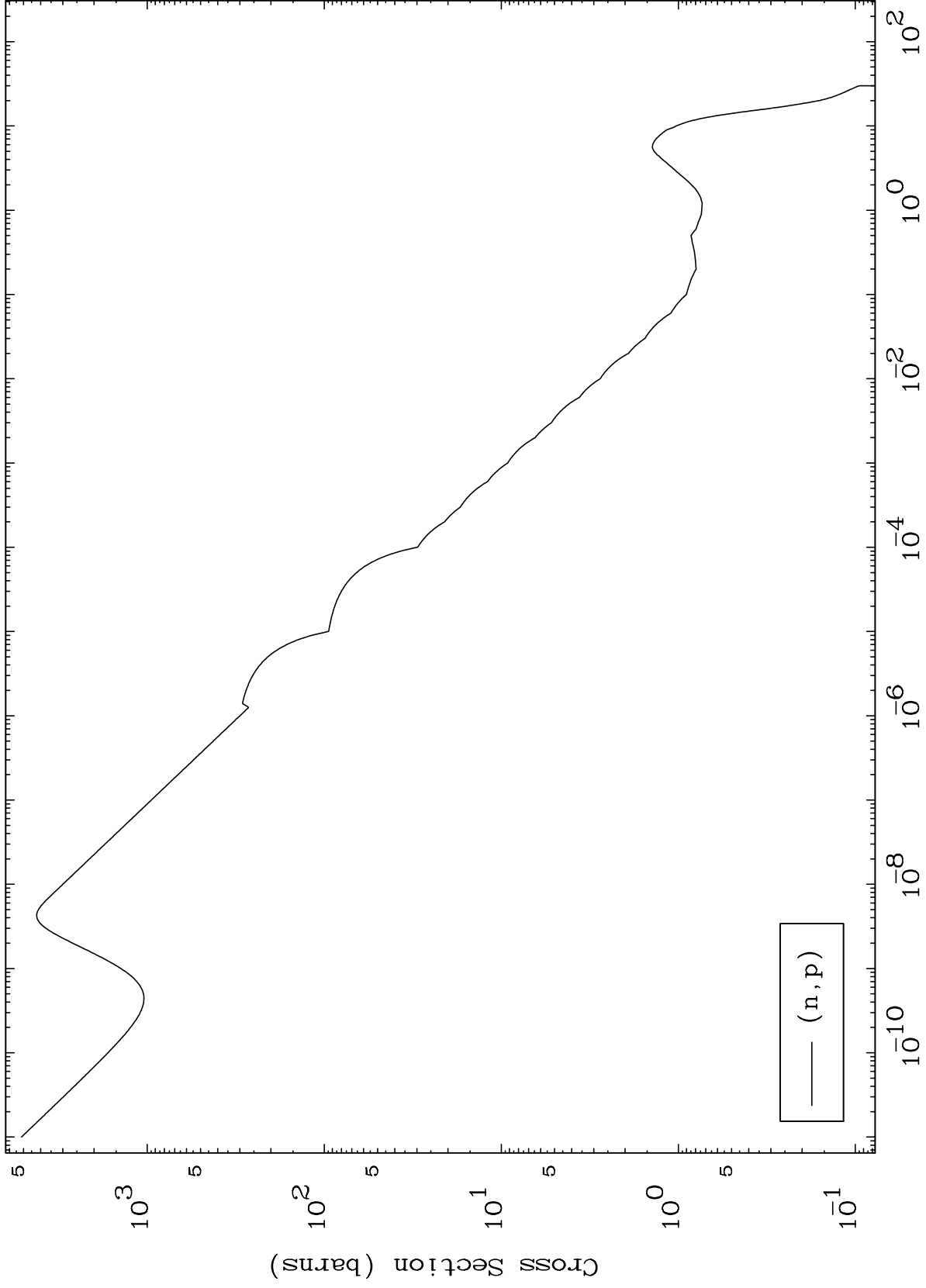




MAT 7668

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-172



13

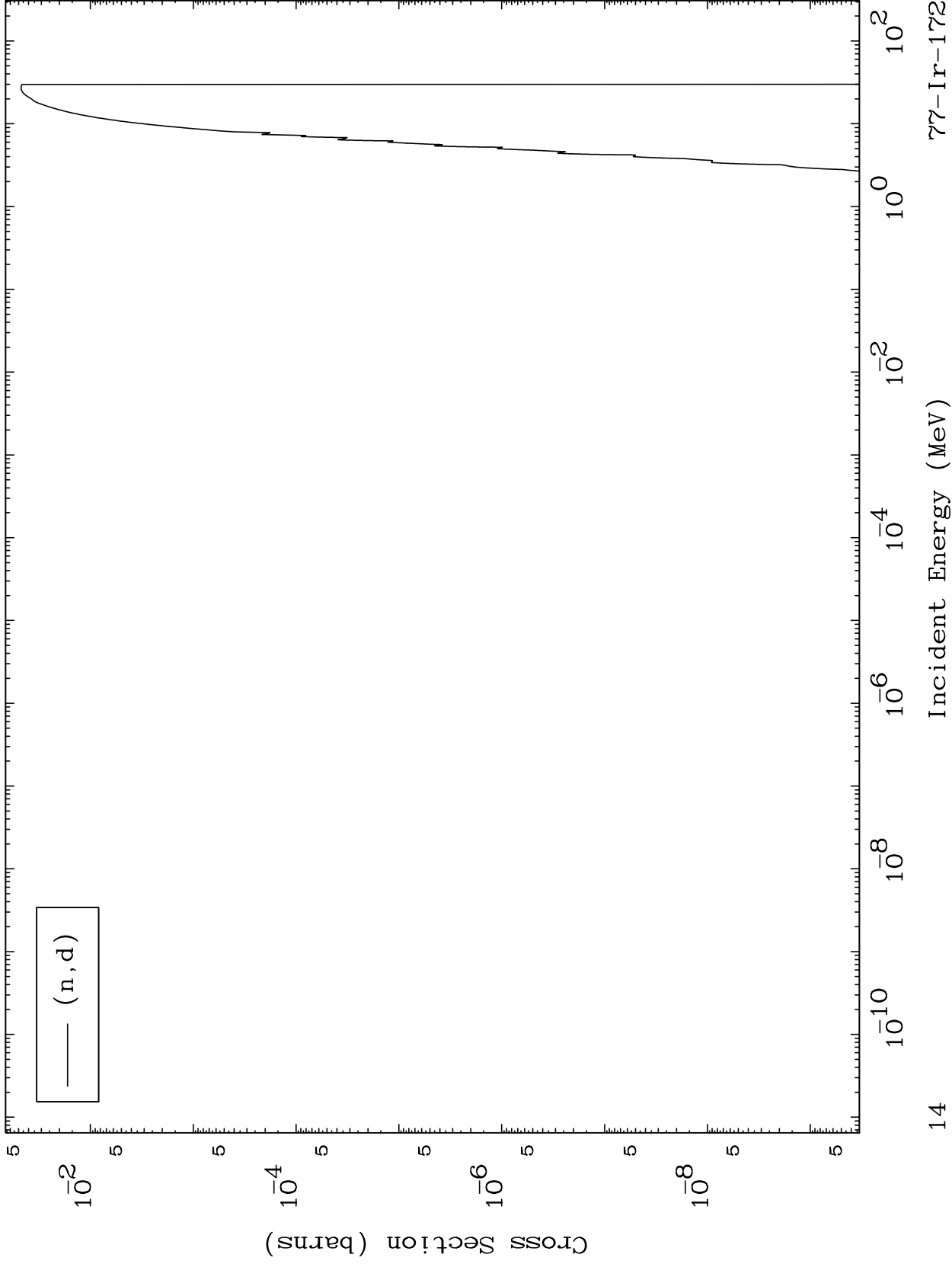
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,d) Levels
293 Kelvin Cross Sections

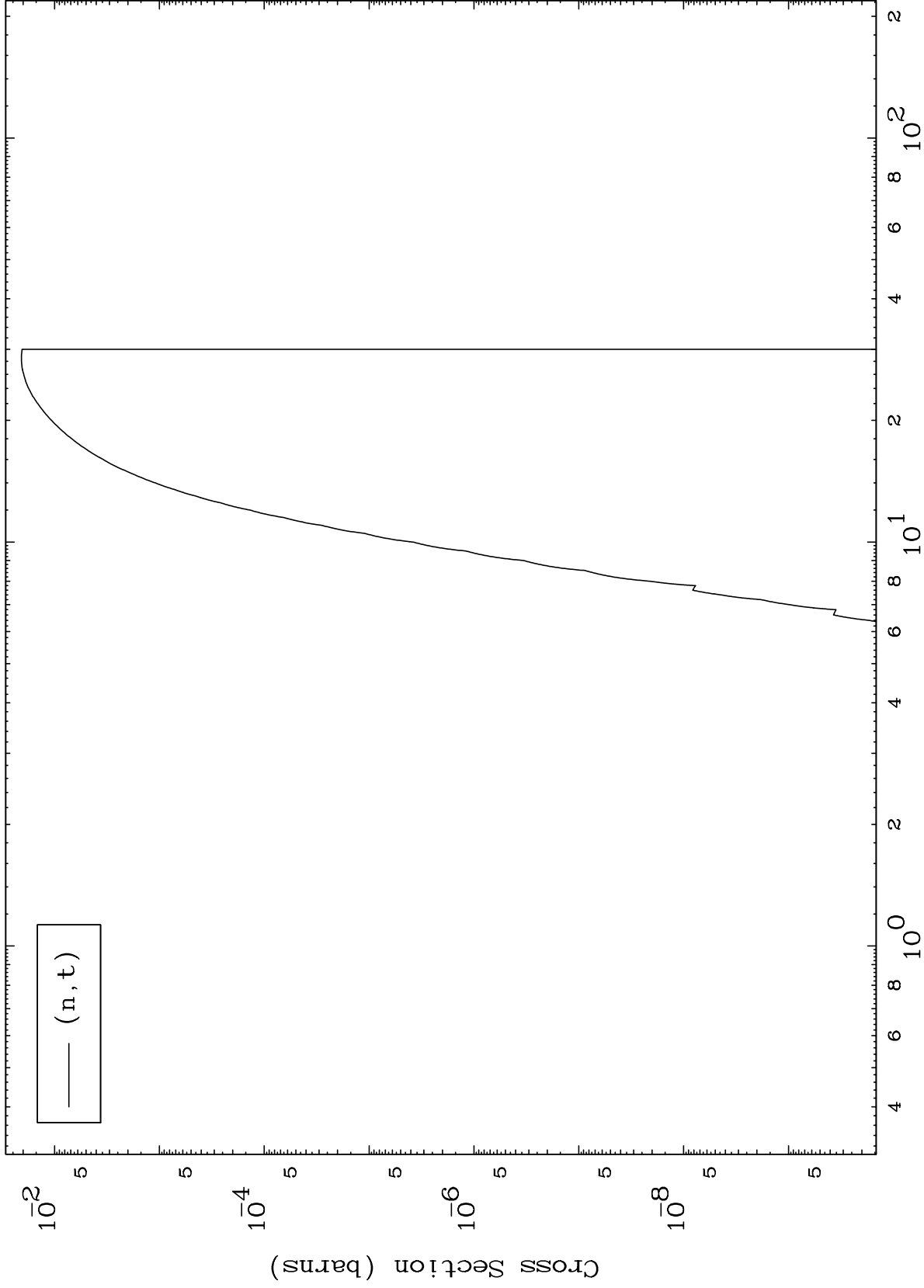
77-Ir-172



MAT 7668

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-172



15

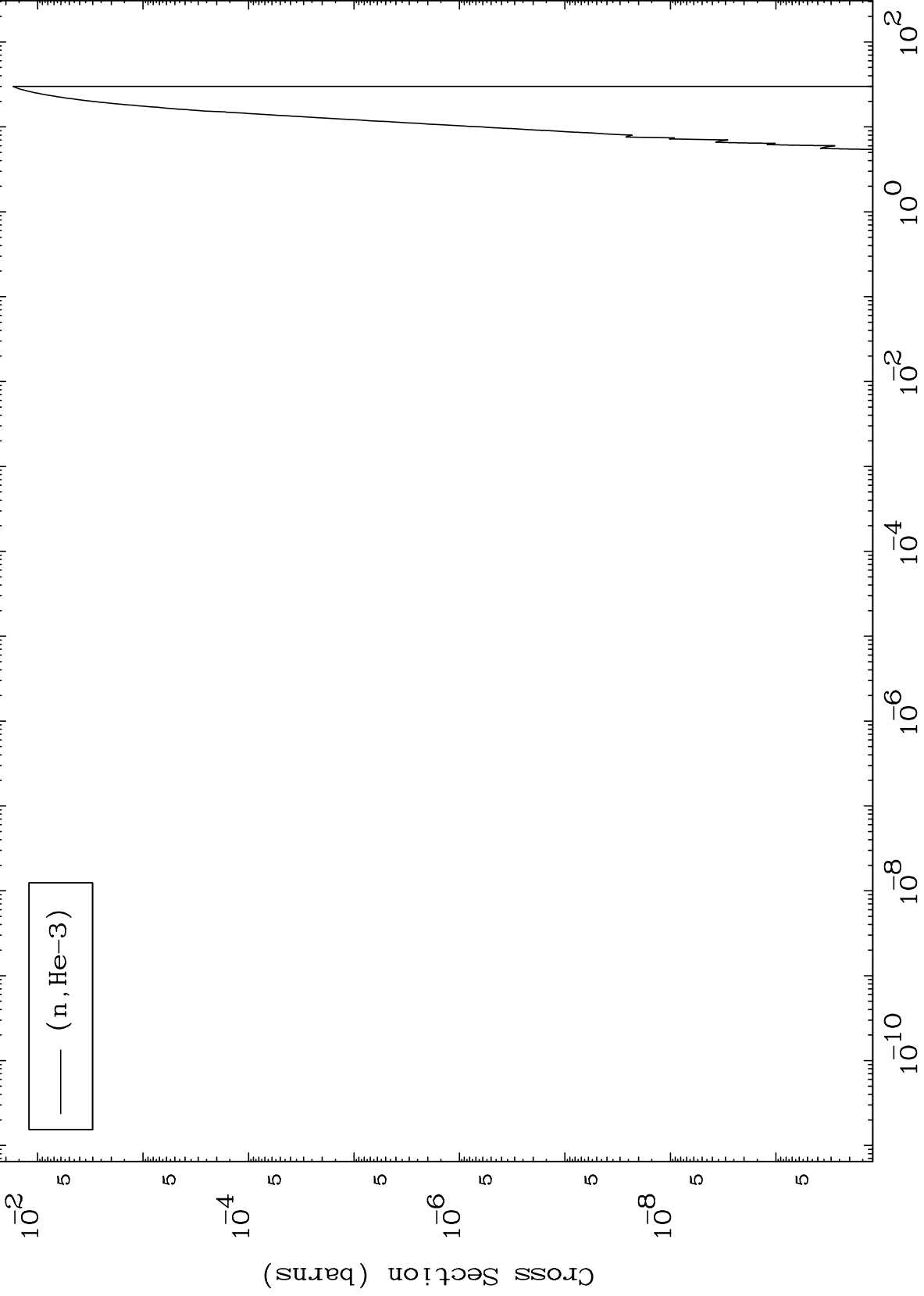
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,He3) Levels
293 Kelvin Cross Sections

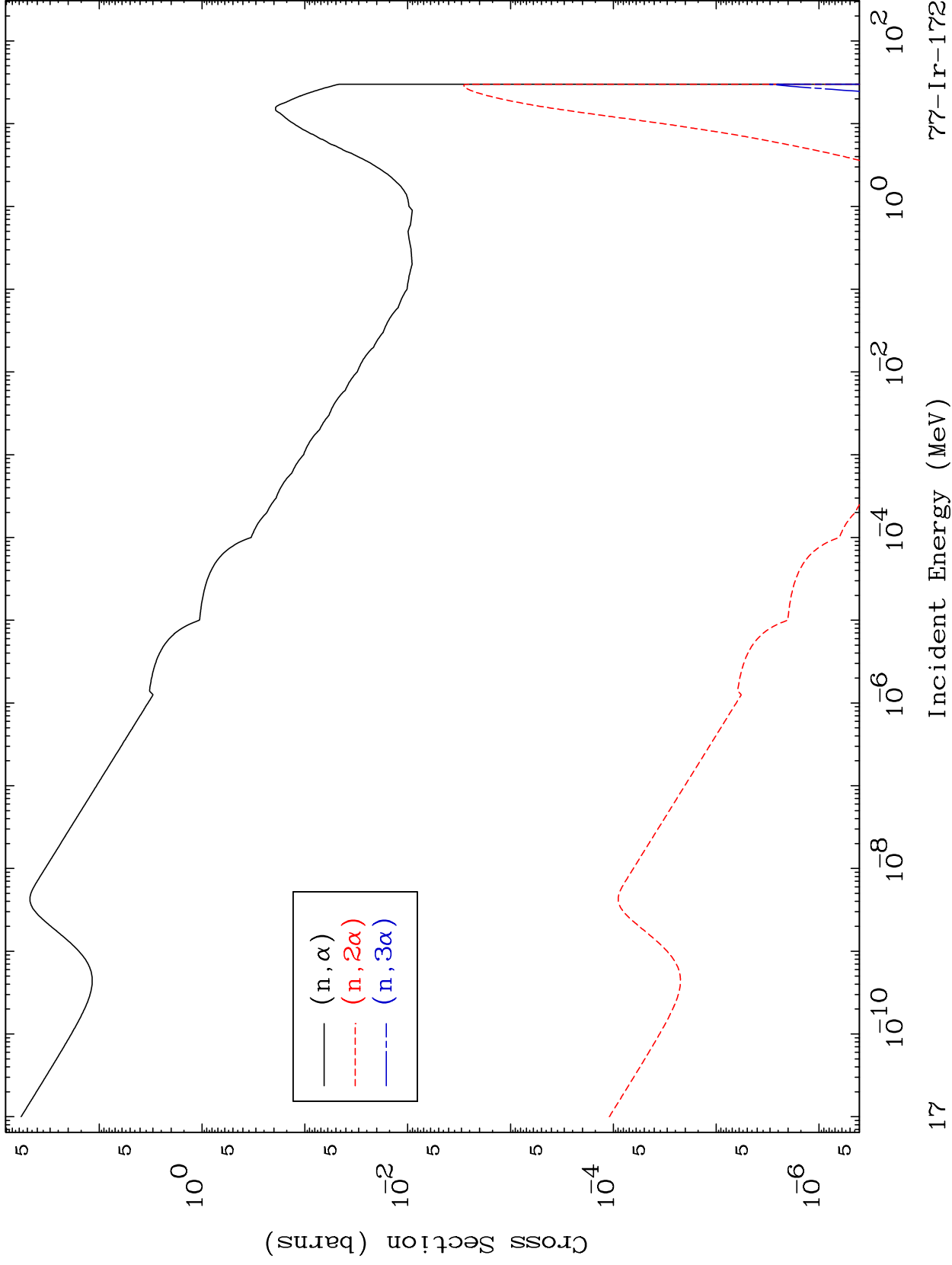
77-Ir-172



MAT 7668

(n, α) Levels
293 Kelvin Cross Sections

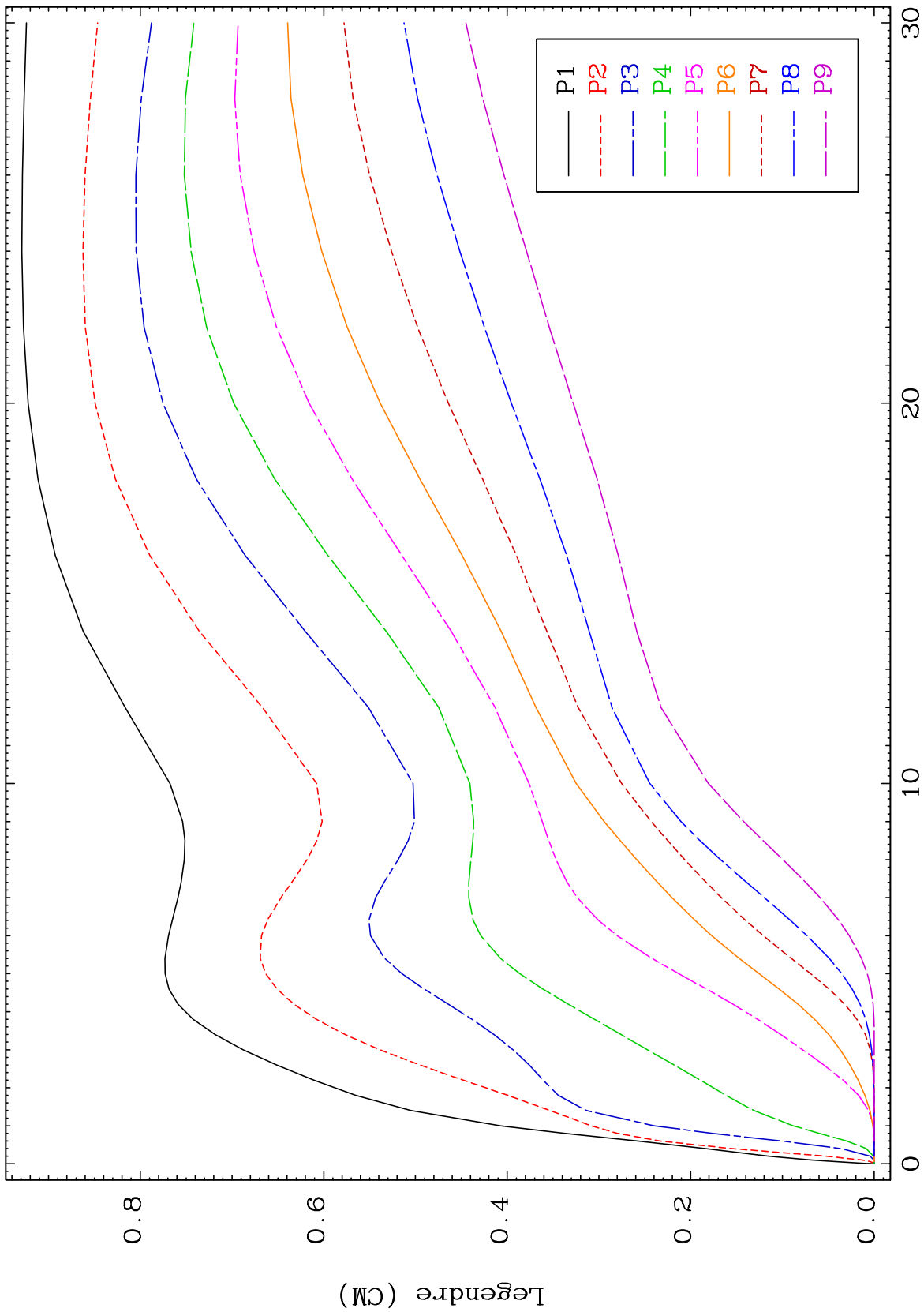
77-Ir-172



MAT 7668

77-Ir-172

Elastic Legendre Coefficients



77-Ir-172

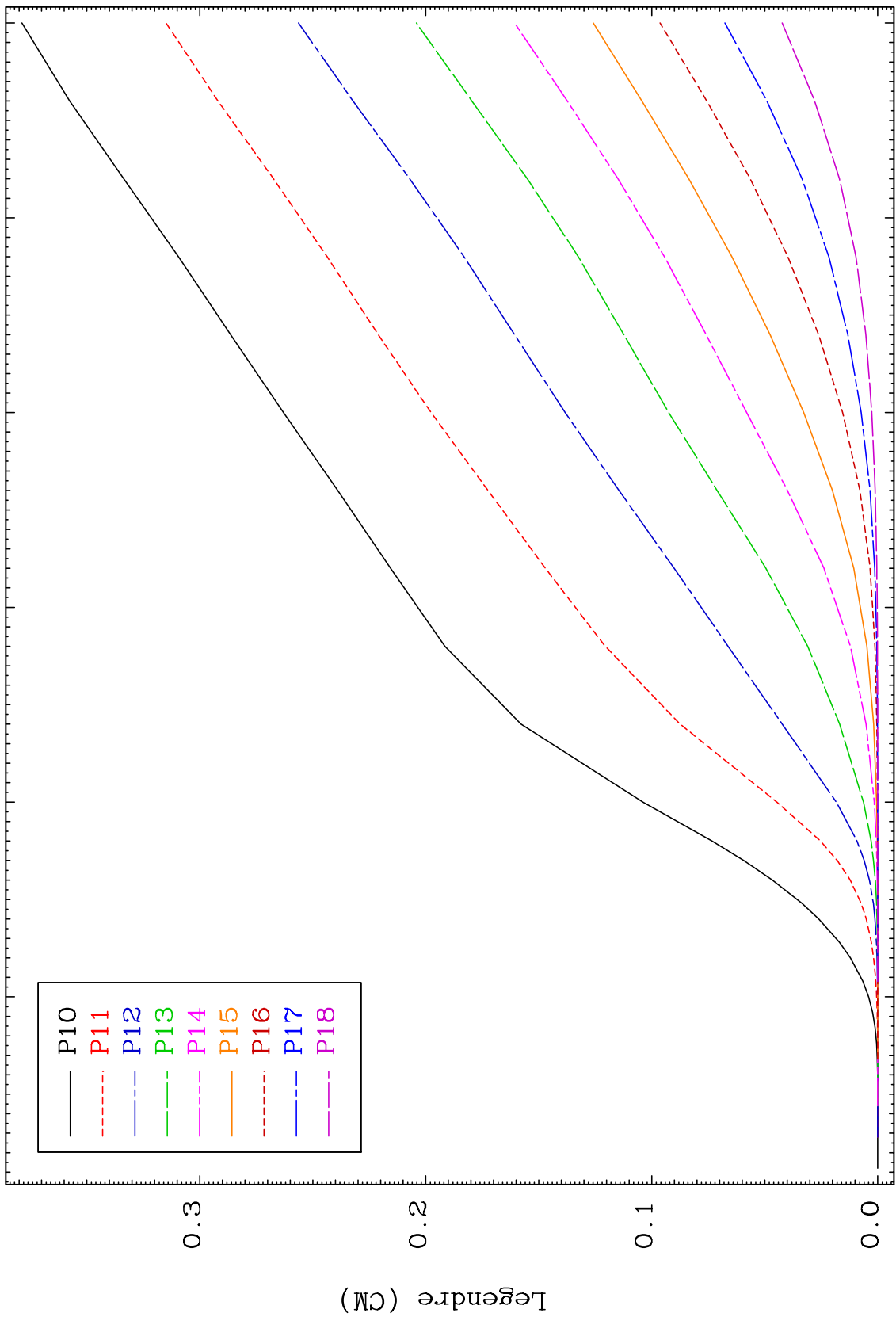
Incident Energy (MeV)

18

MAT 7668

Elastic Legendre Coefficients

⁷⁷Ir-172



19

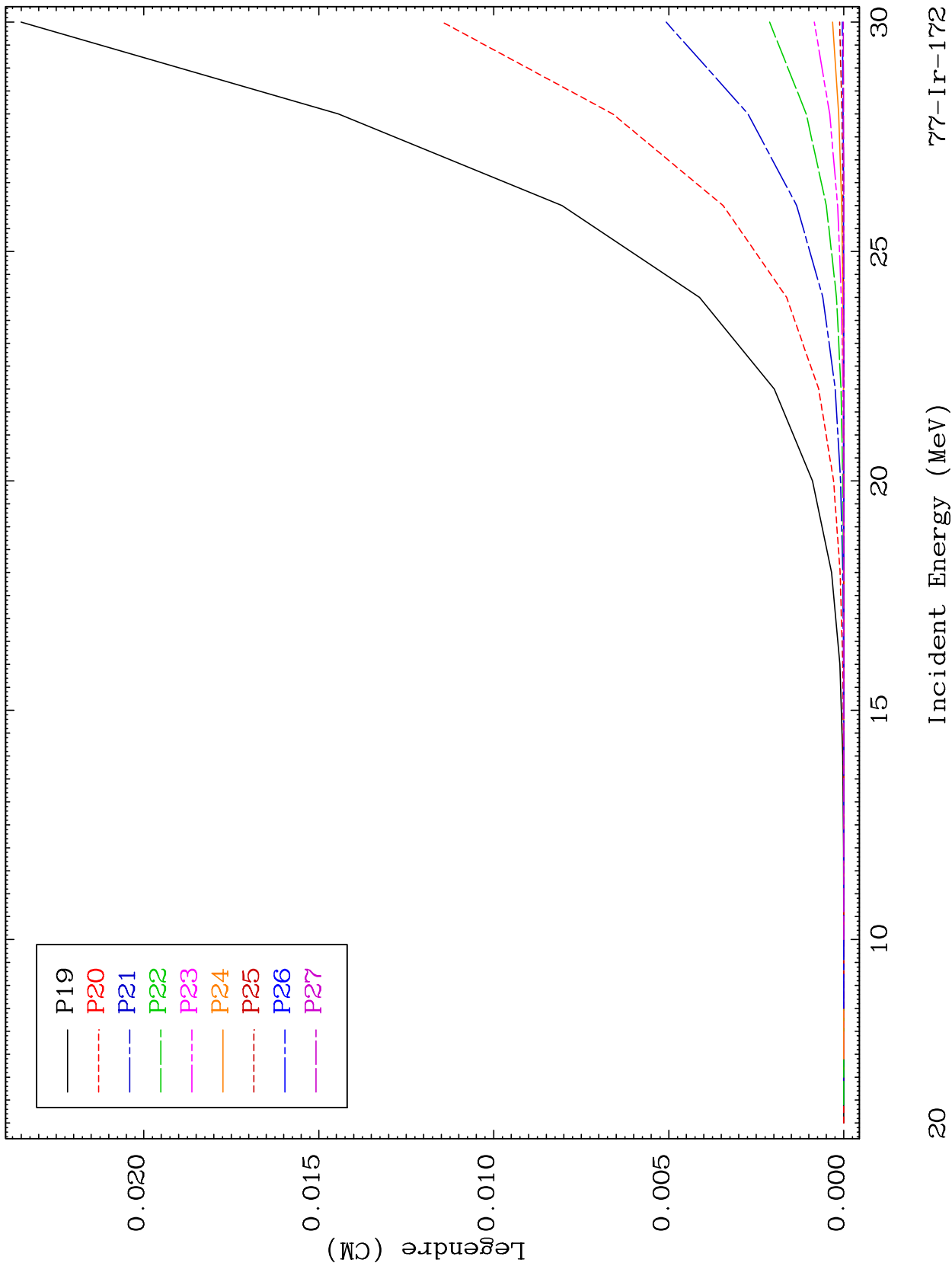
Incident Energy (MeV)

⁷⁷Ir-172

MAT 7668

Elastic Legendre Coefficients

77-Ir-172



77-Ir-172

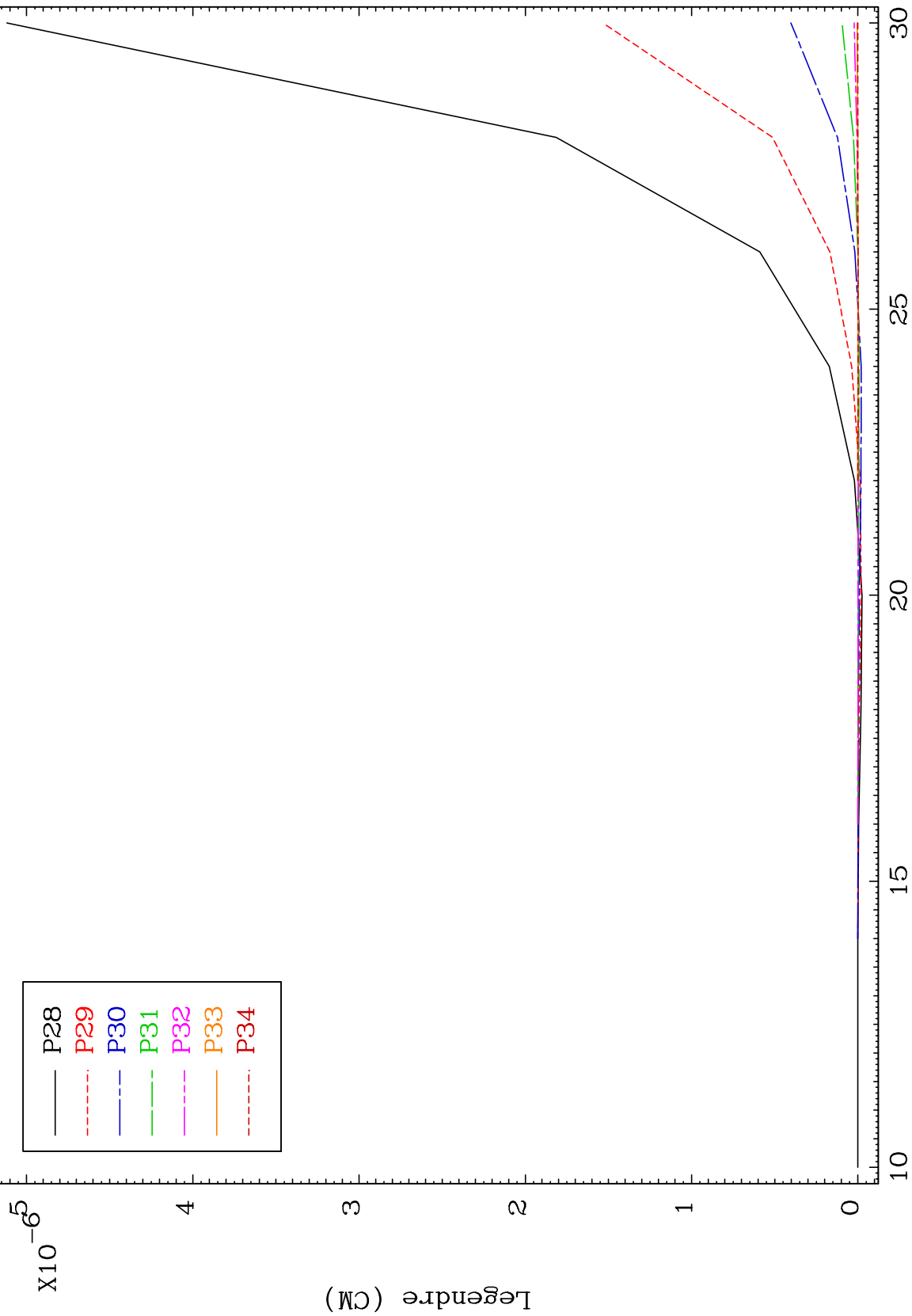
Incident Energy (MeV)

20

MAT 7668

Elastic Legendre Coefficients

77-Ir-172



21

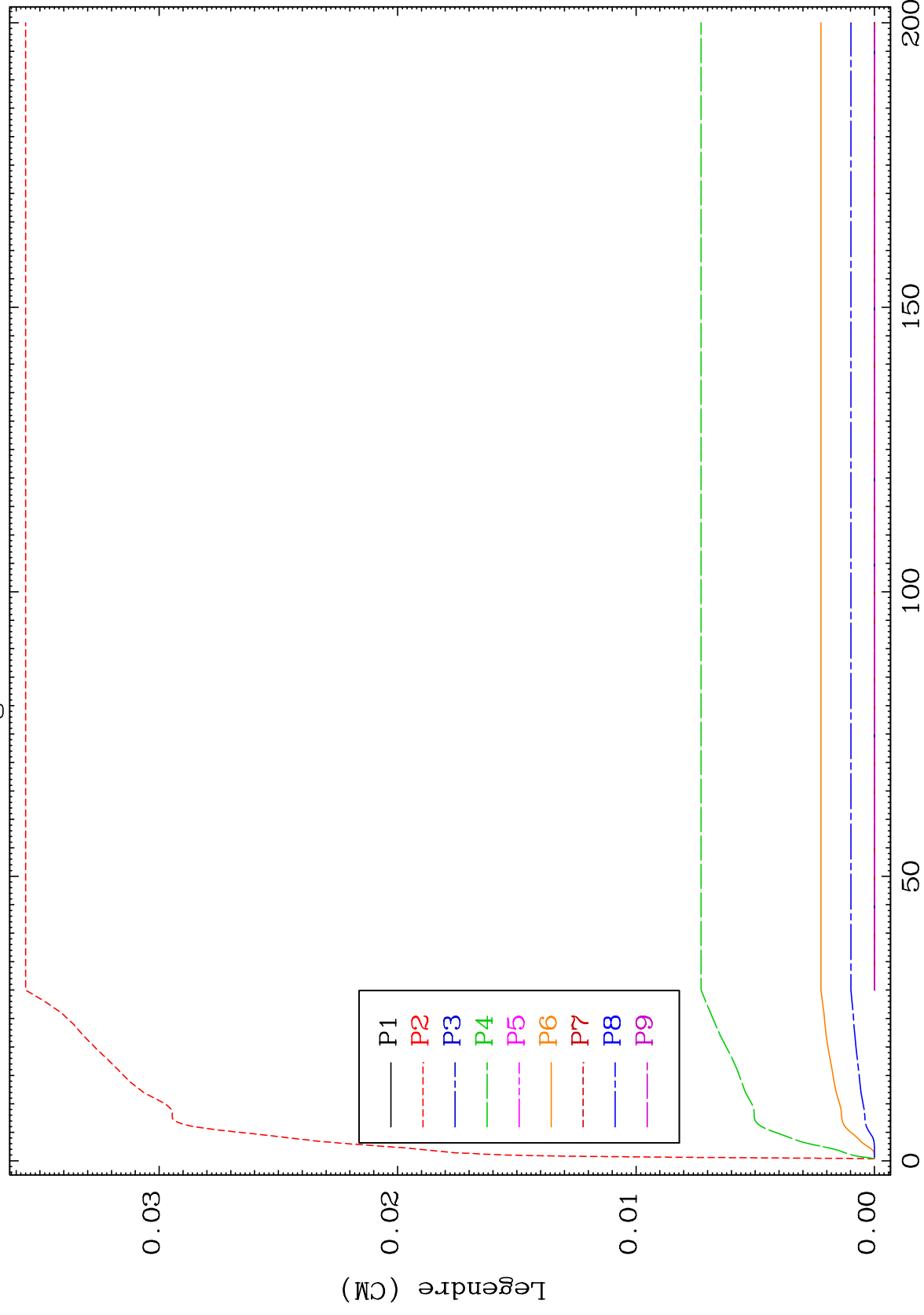
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



22

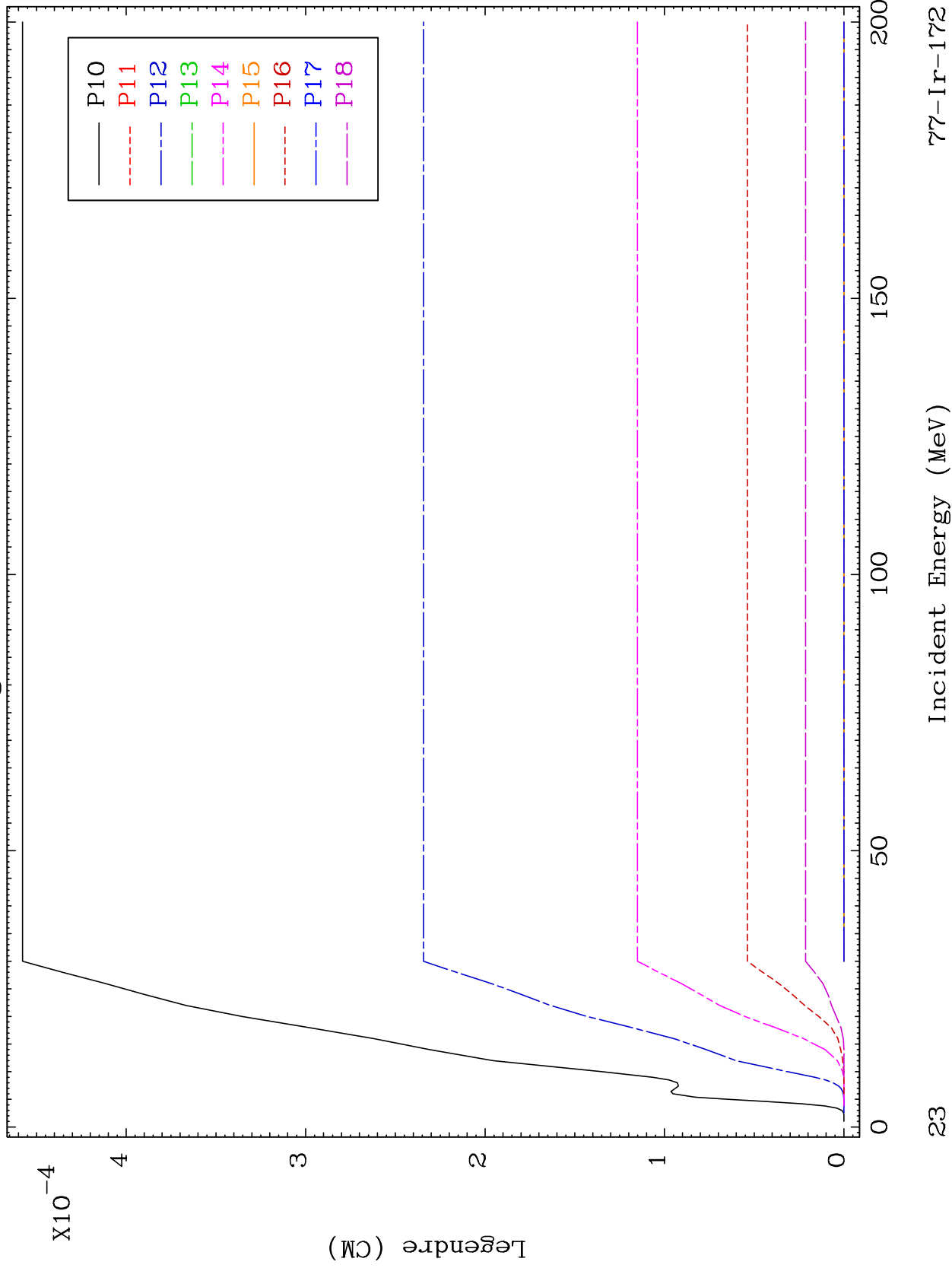
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



23

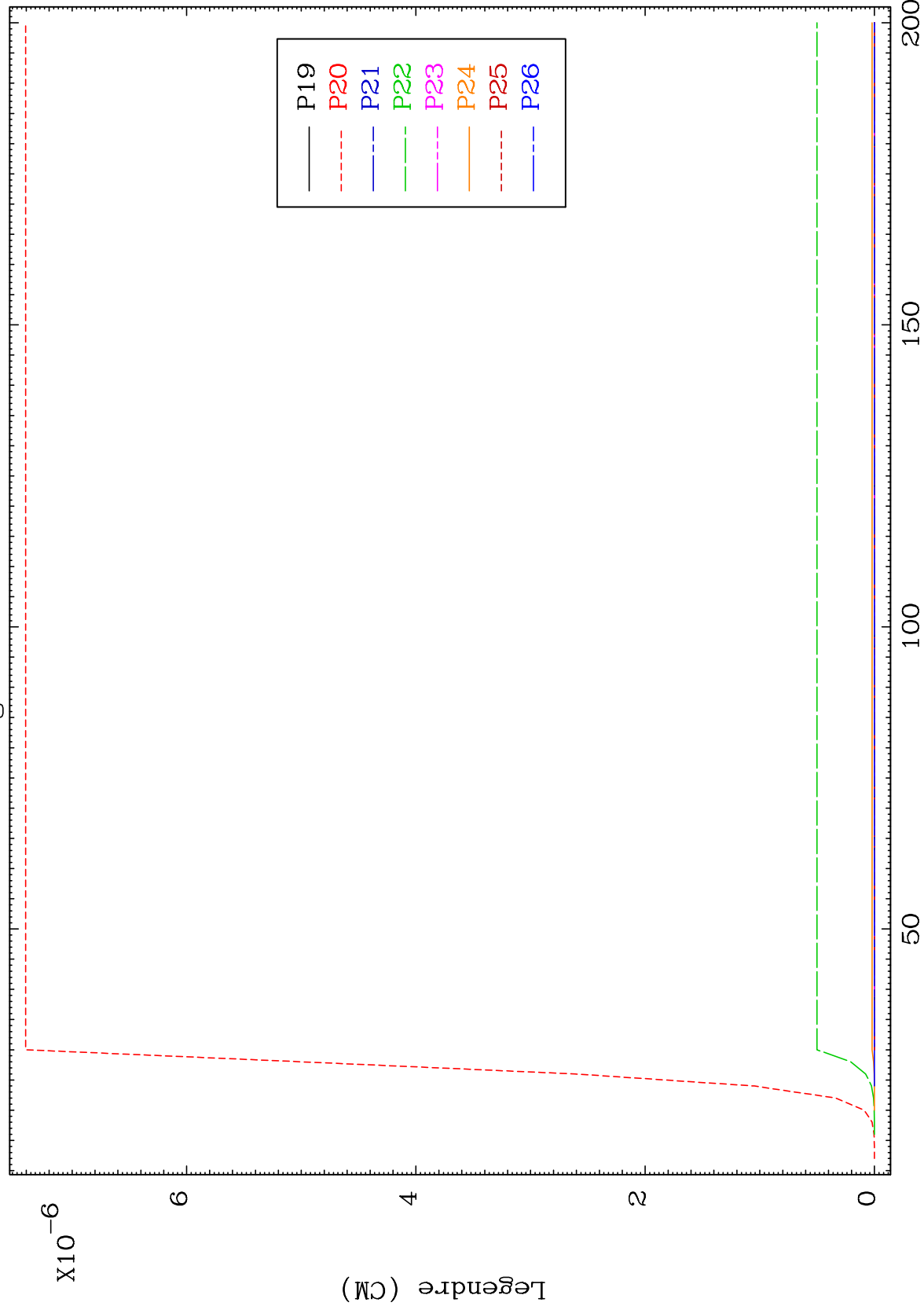
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

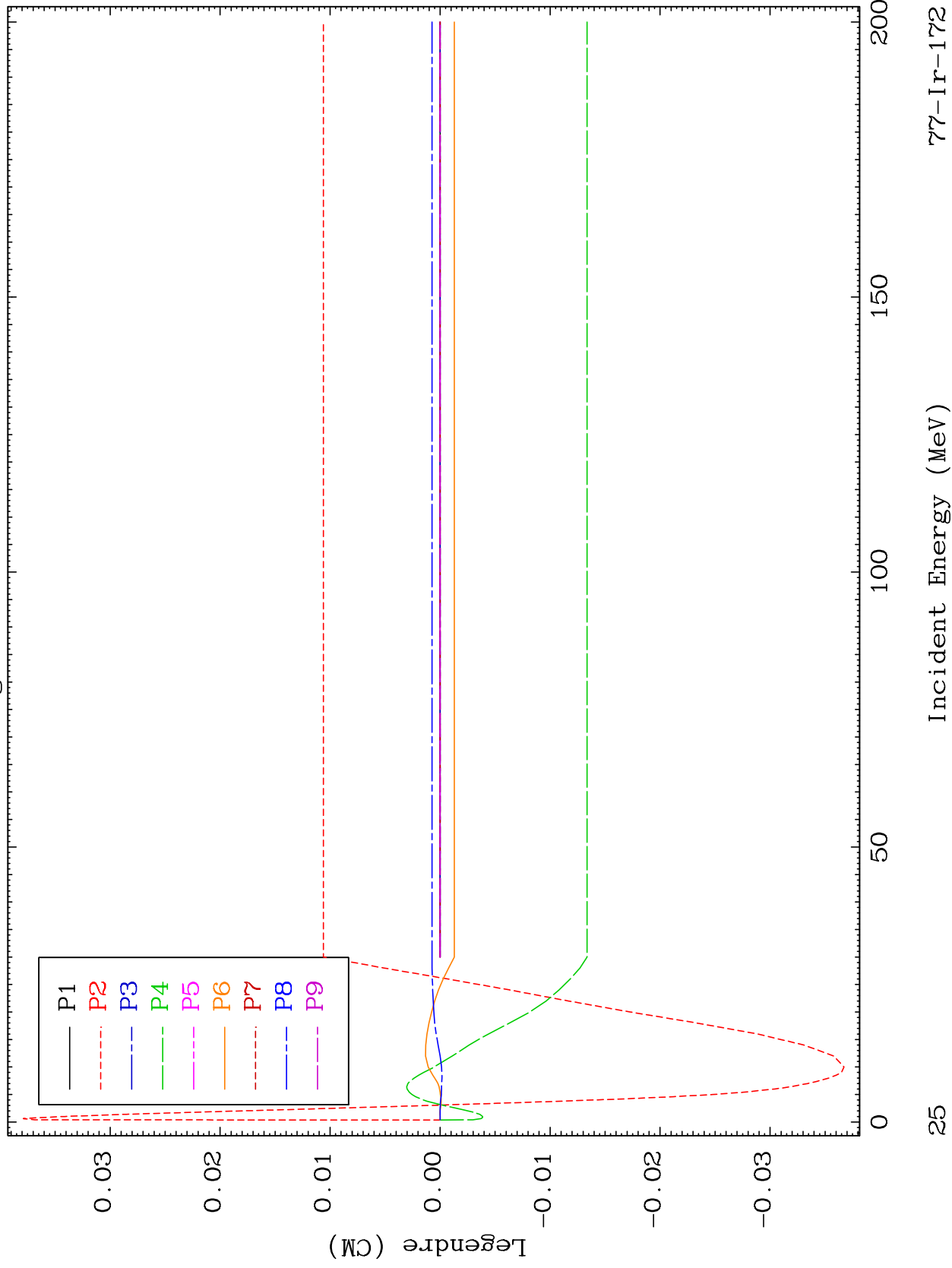
Incident Energy (MeV)

24

MAT 7668

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

77-Ir-172



77-Ir-172

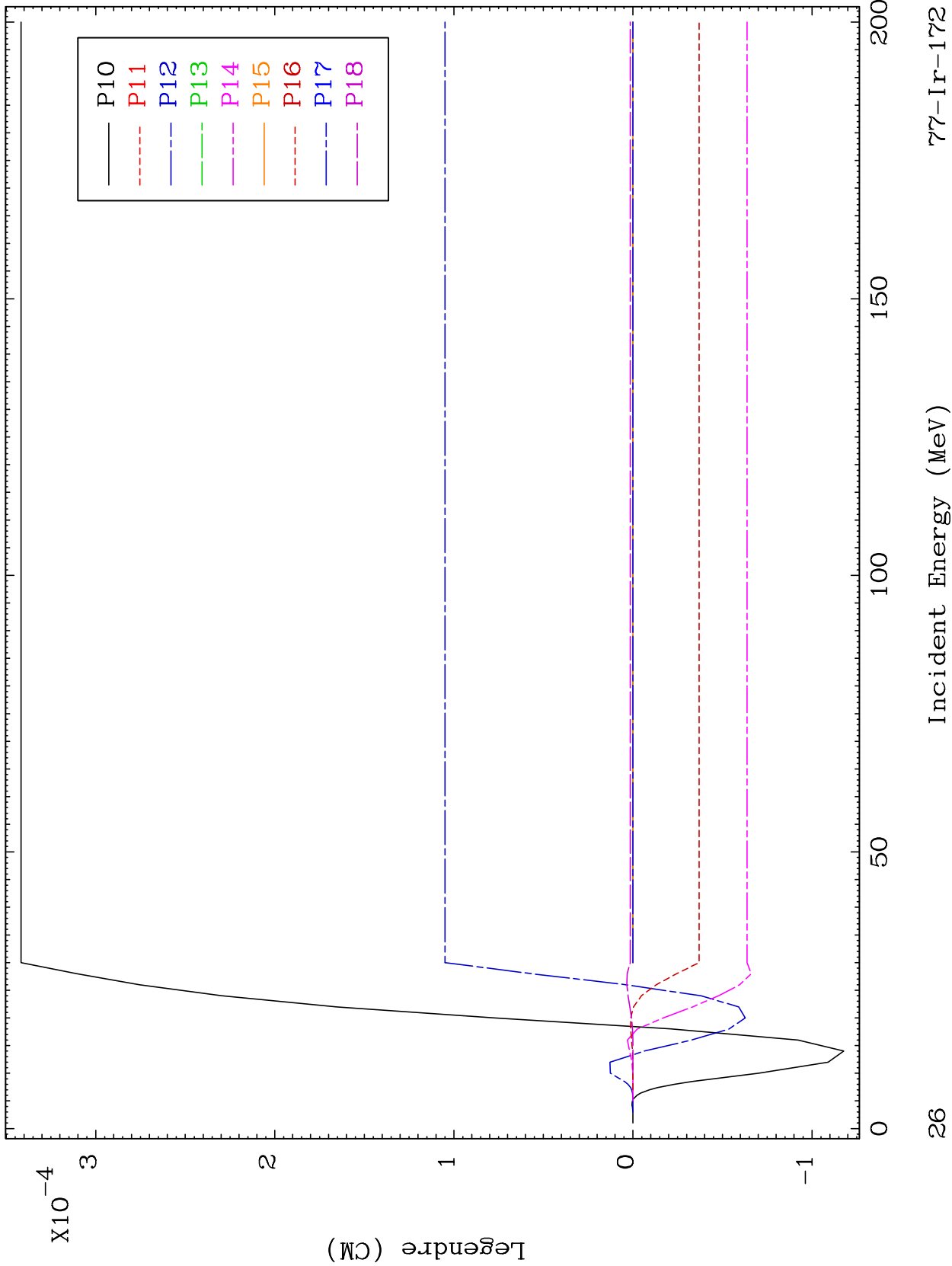
Incident Energy (MeV)

25

MAT 7668

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

77-Ir-172



77-Ir-172

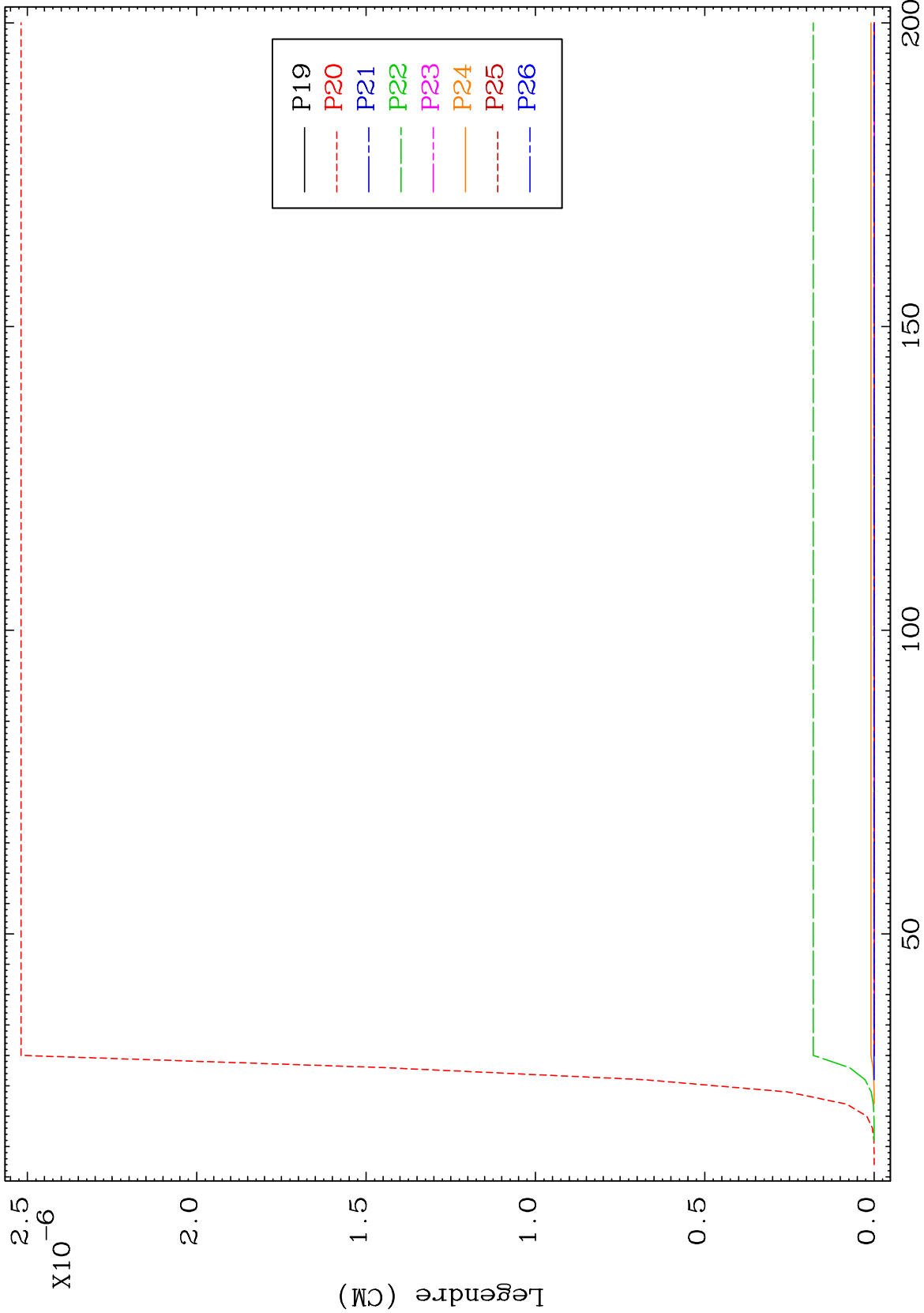
Incident Energy (MeV)

26

MAT 7668

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

77-Ir-172



27

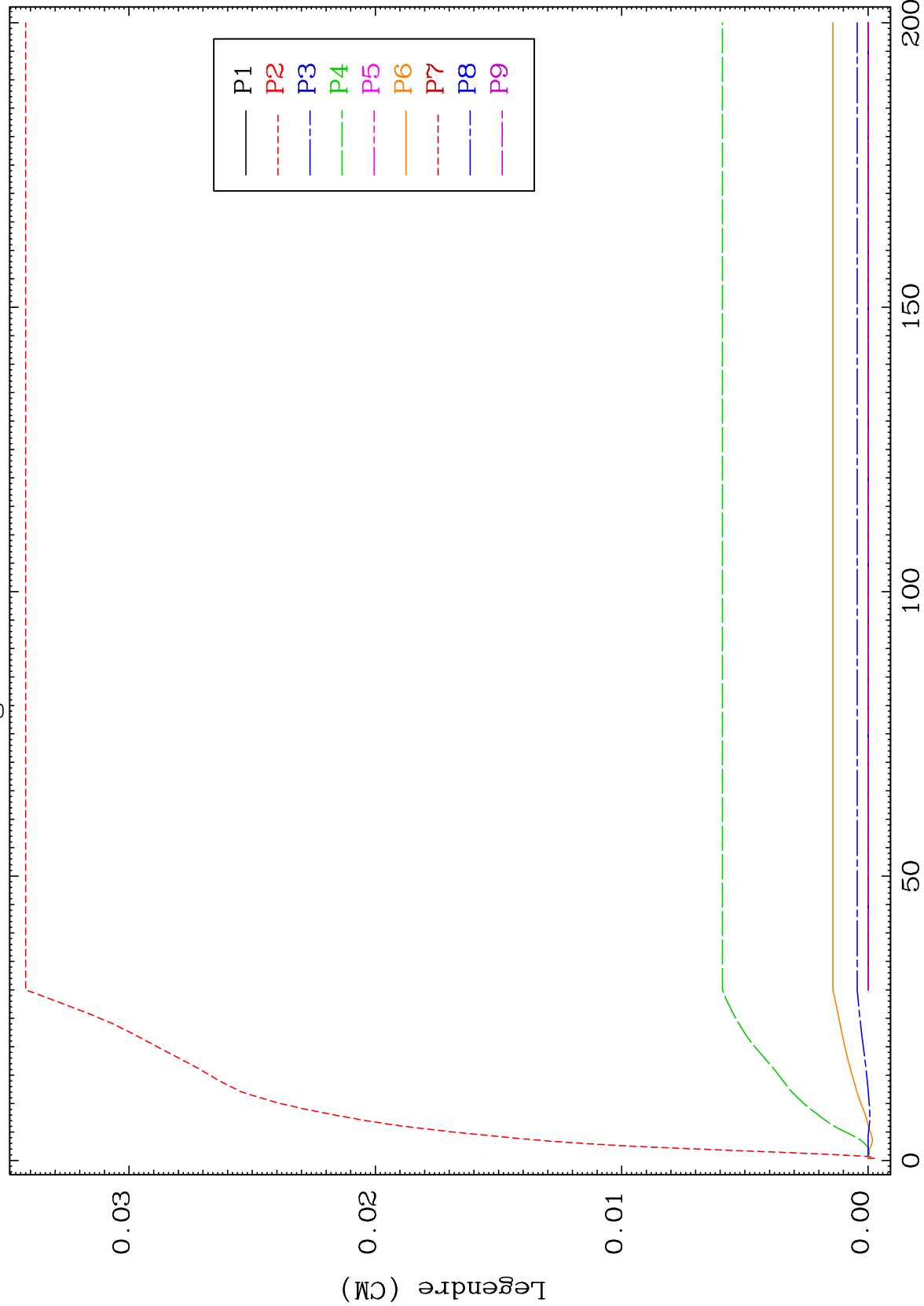
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

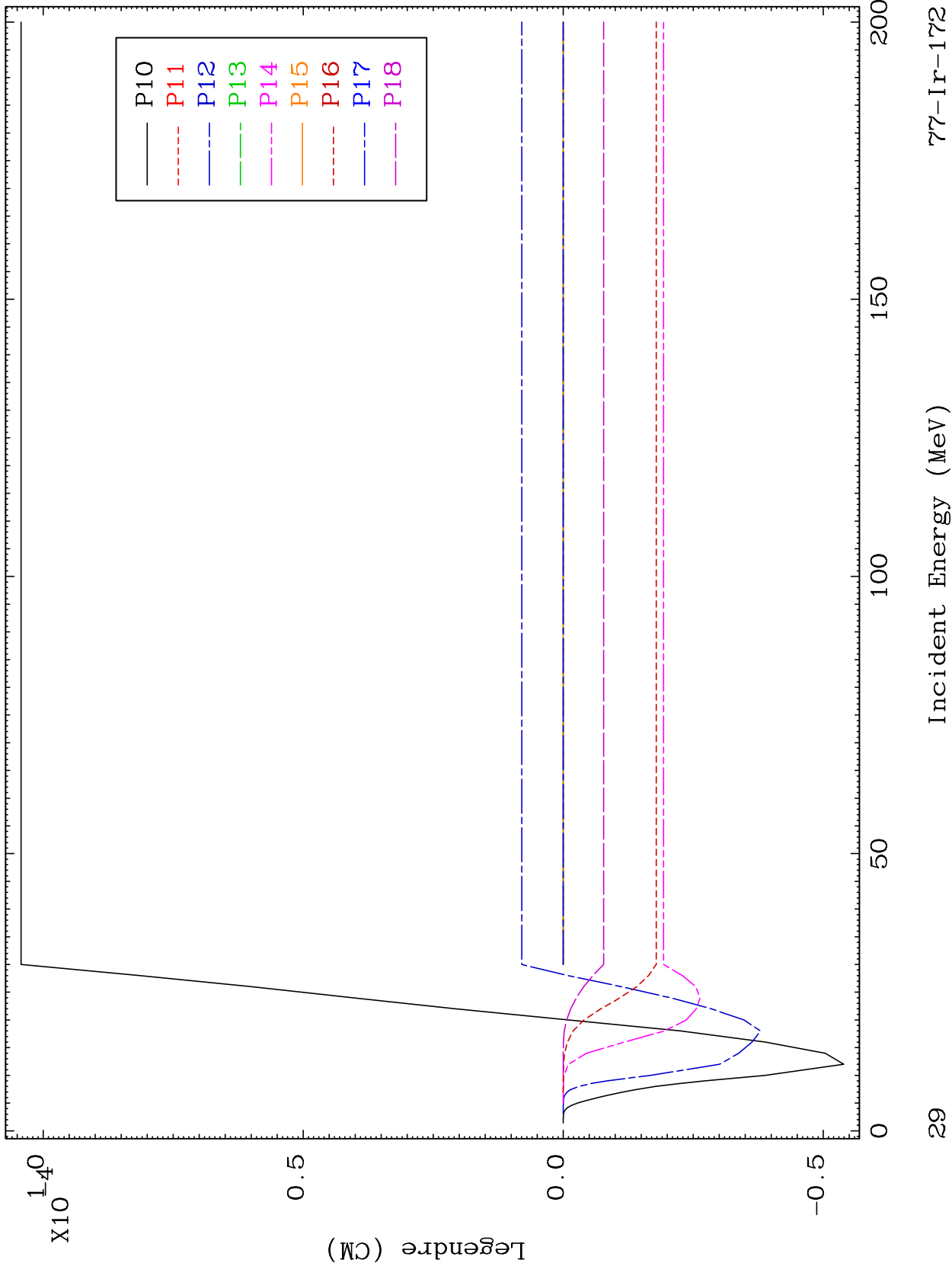
77-Ir-172



28

Incident Energy (MeV)

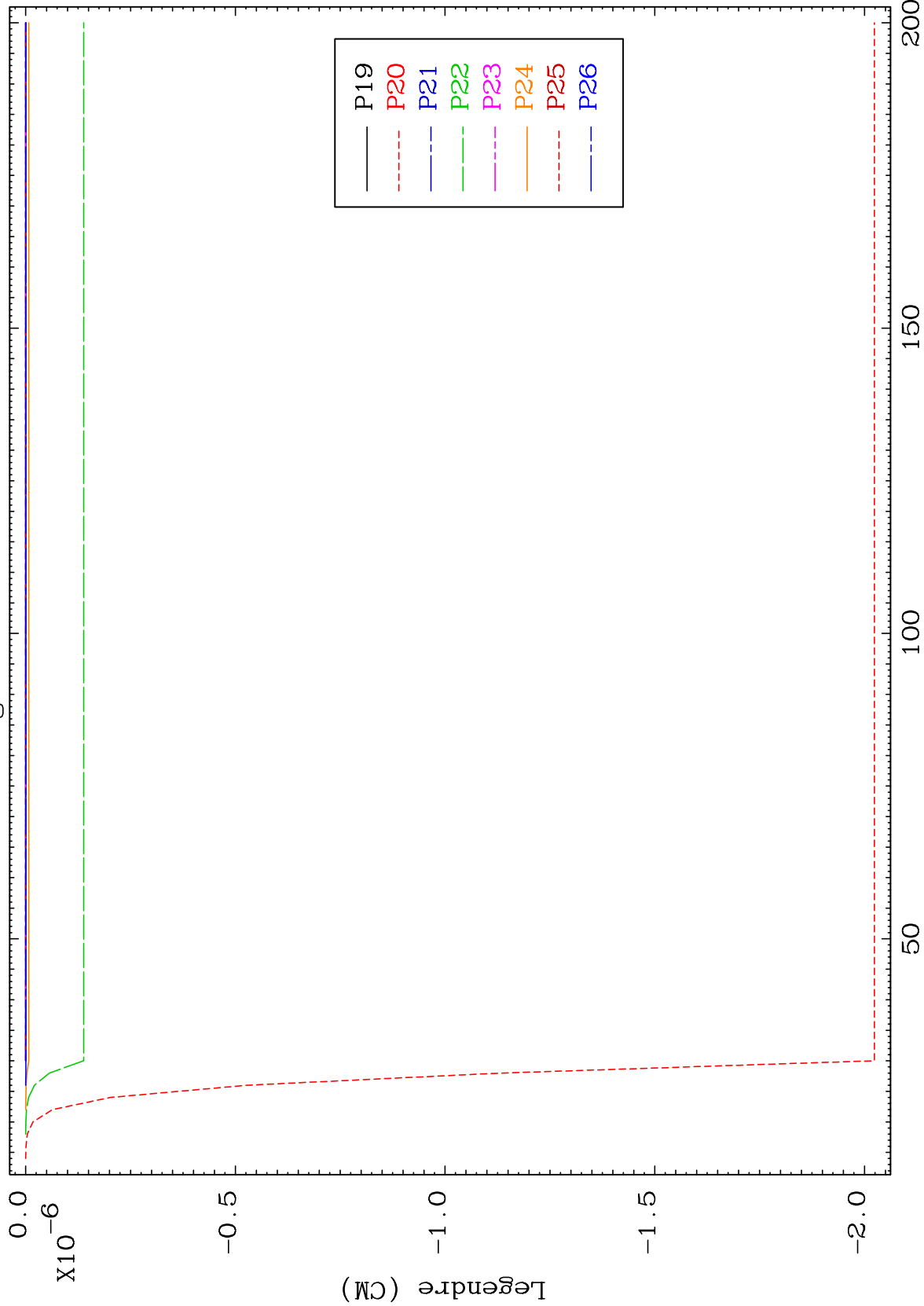
77-Ir-172



MAT 7668

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

77-Ir-172



30

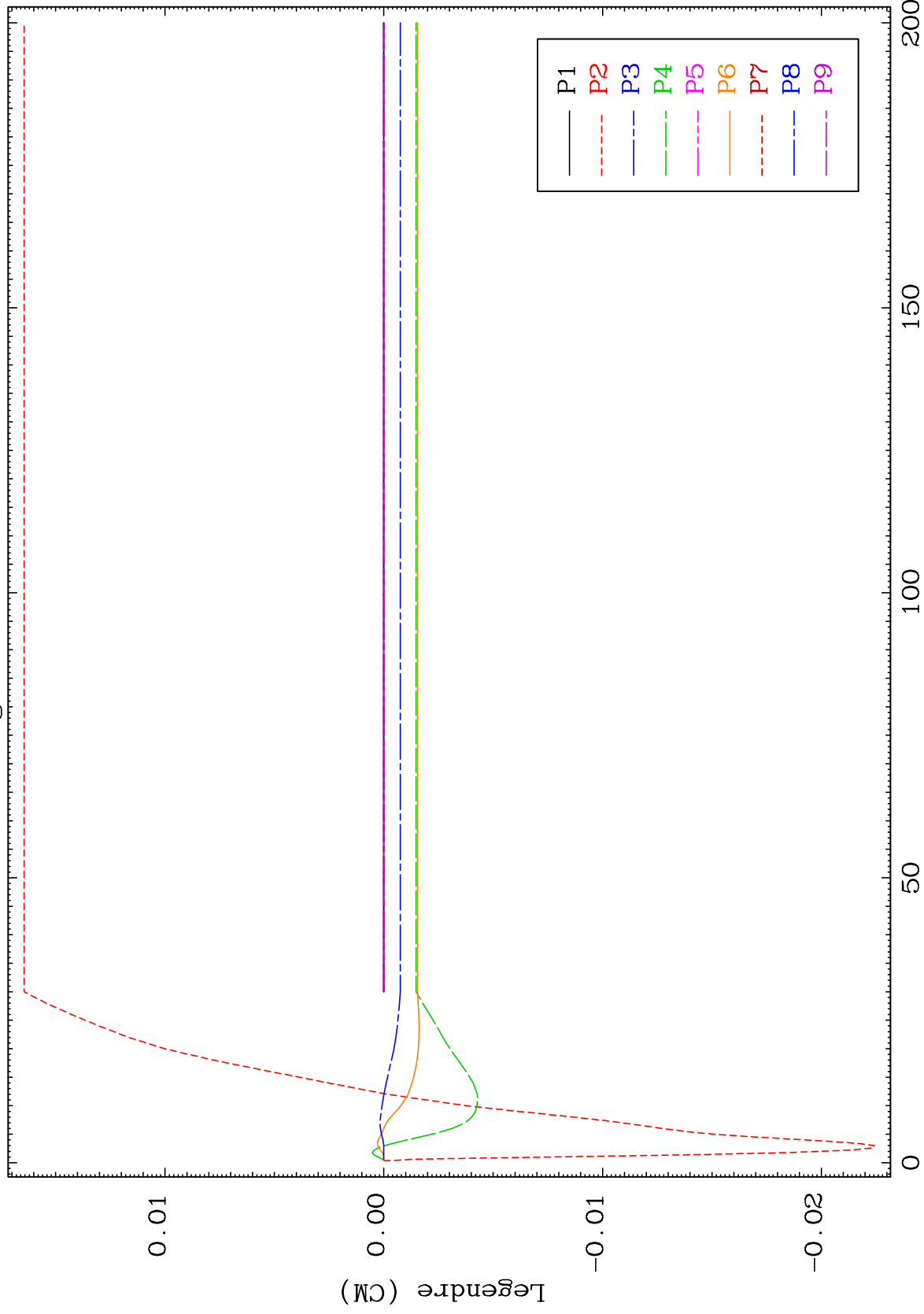
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



31

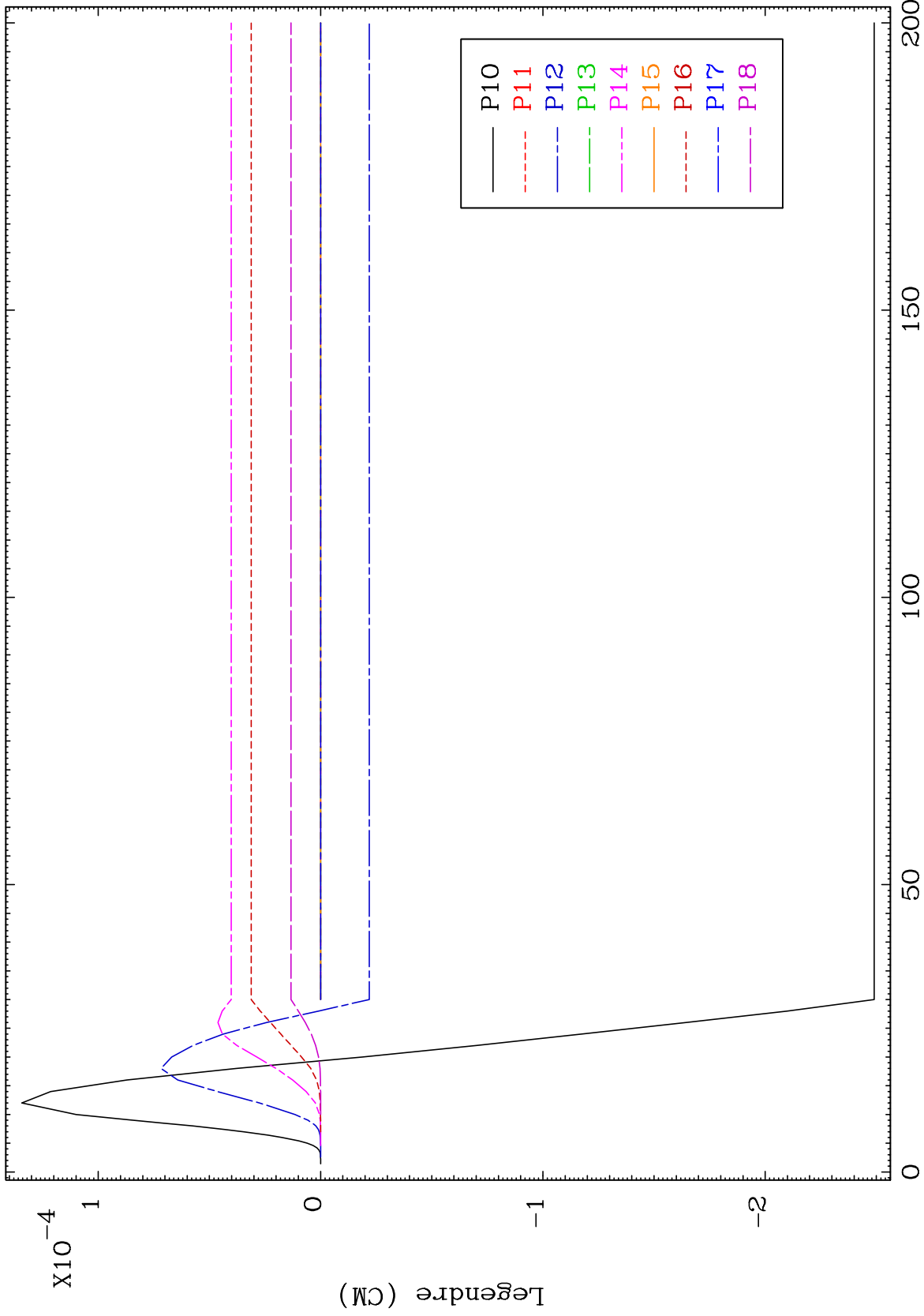
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



32

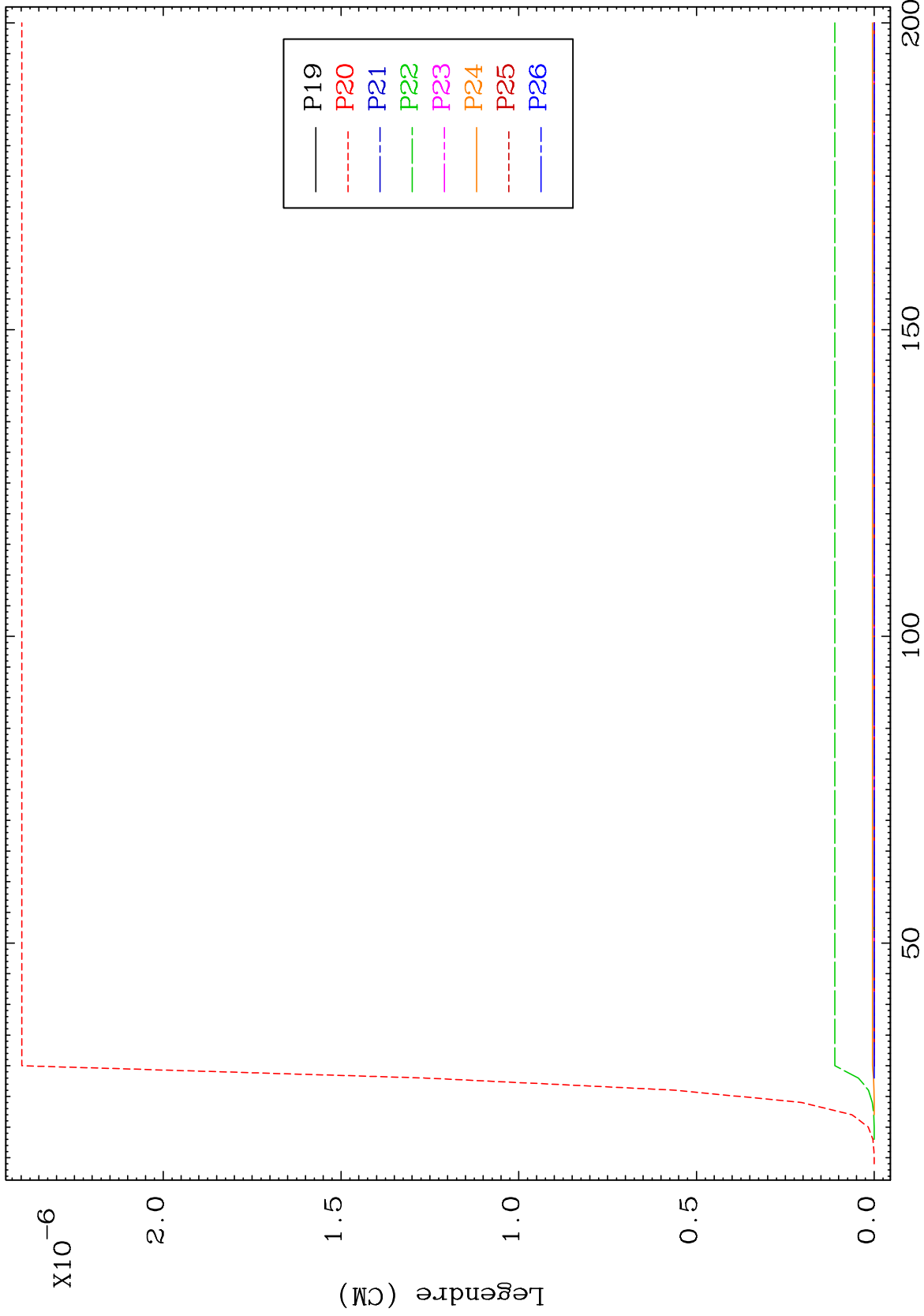
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



33

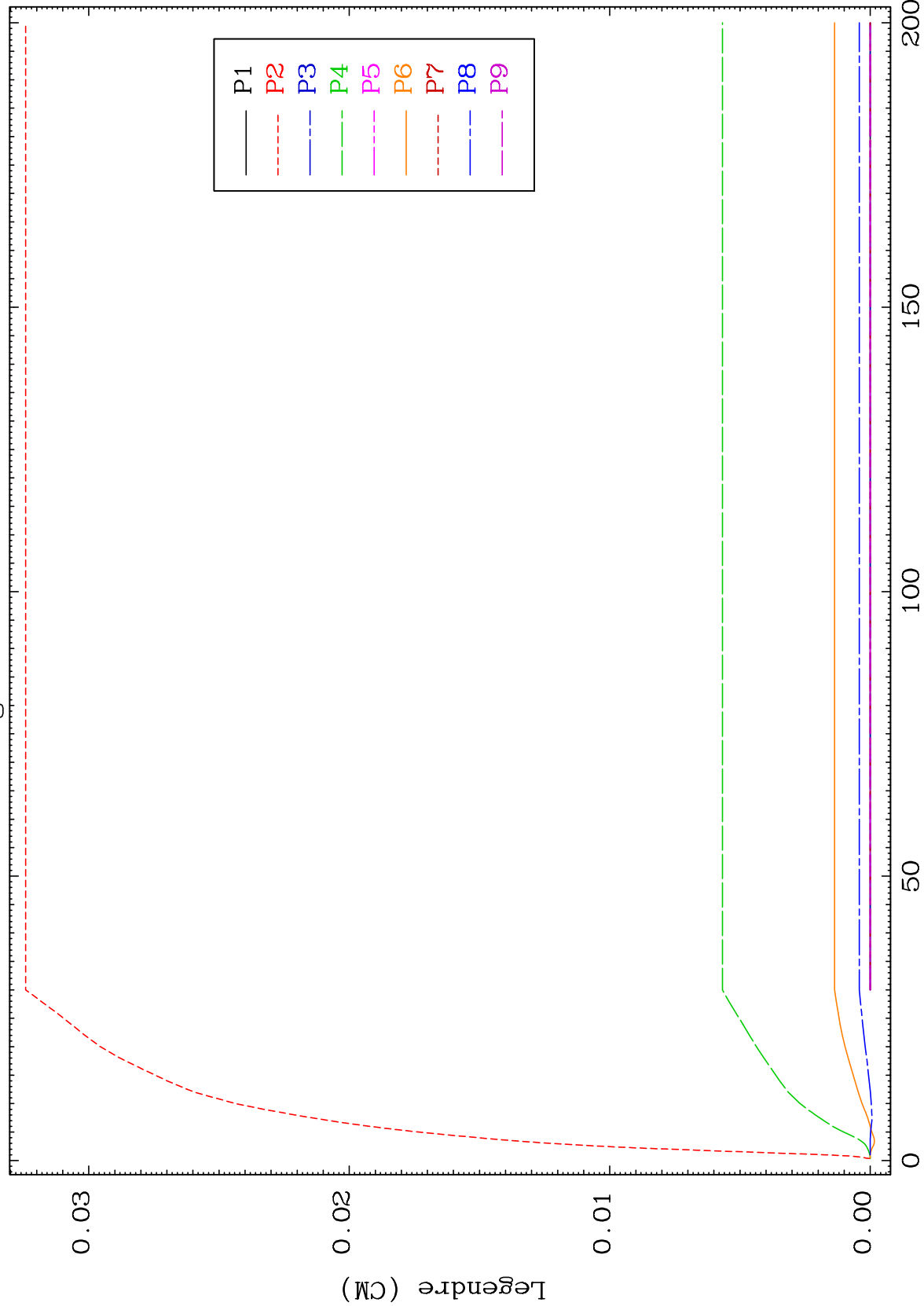
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



34

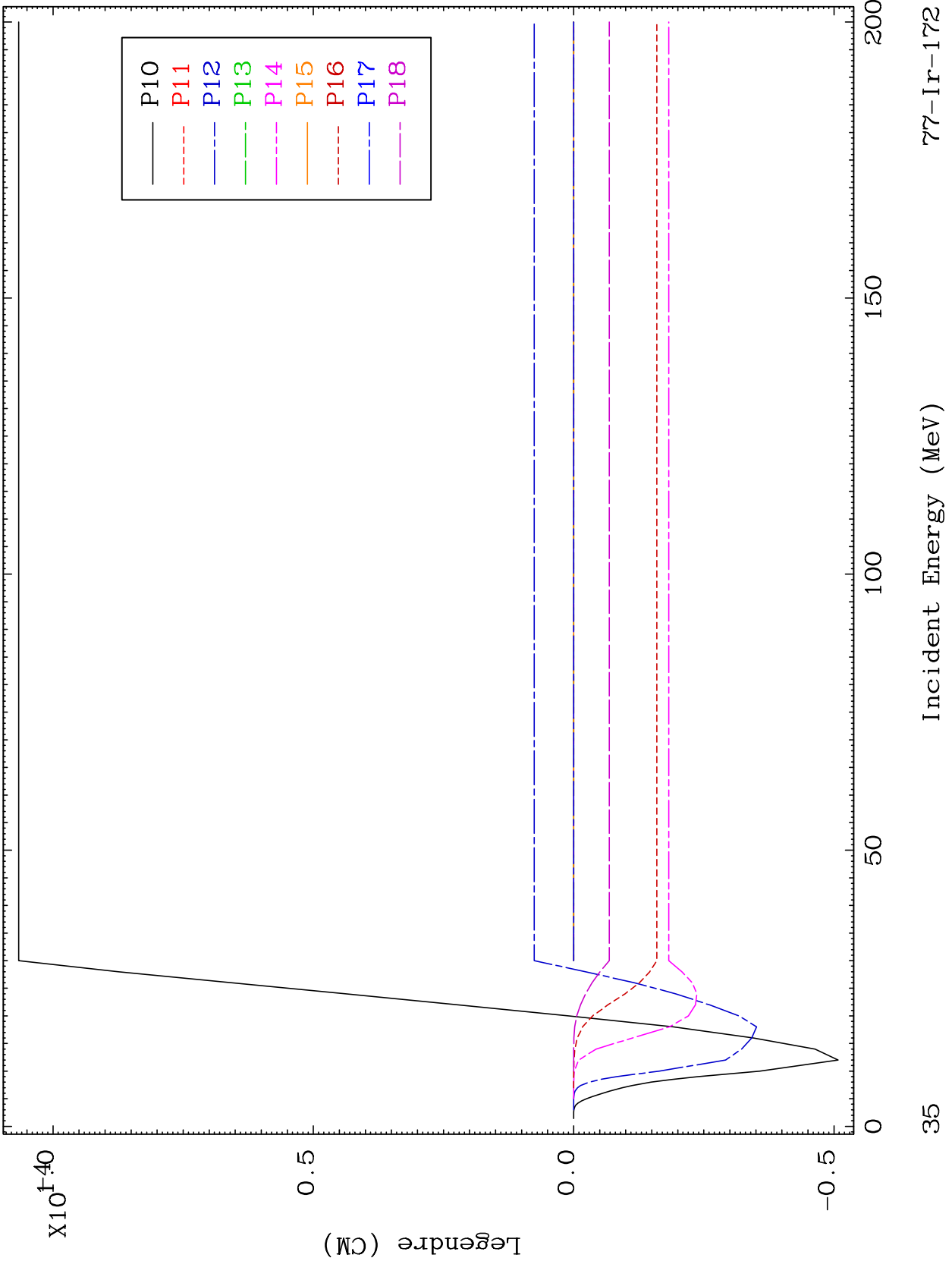
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



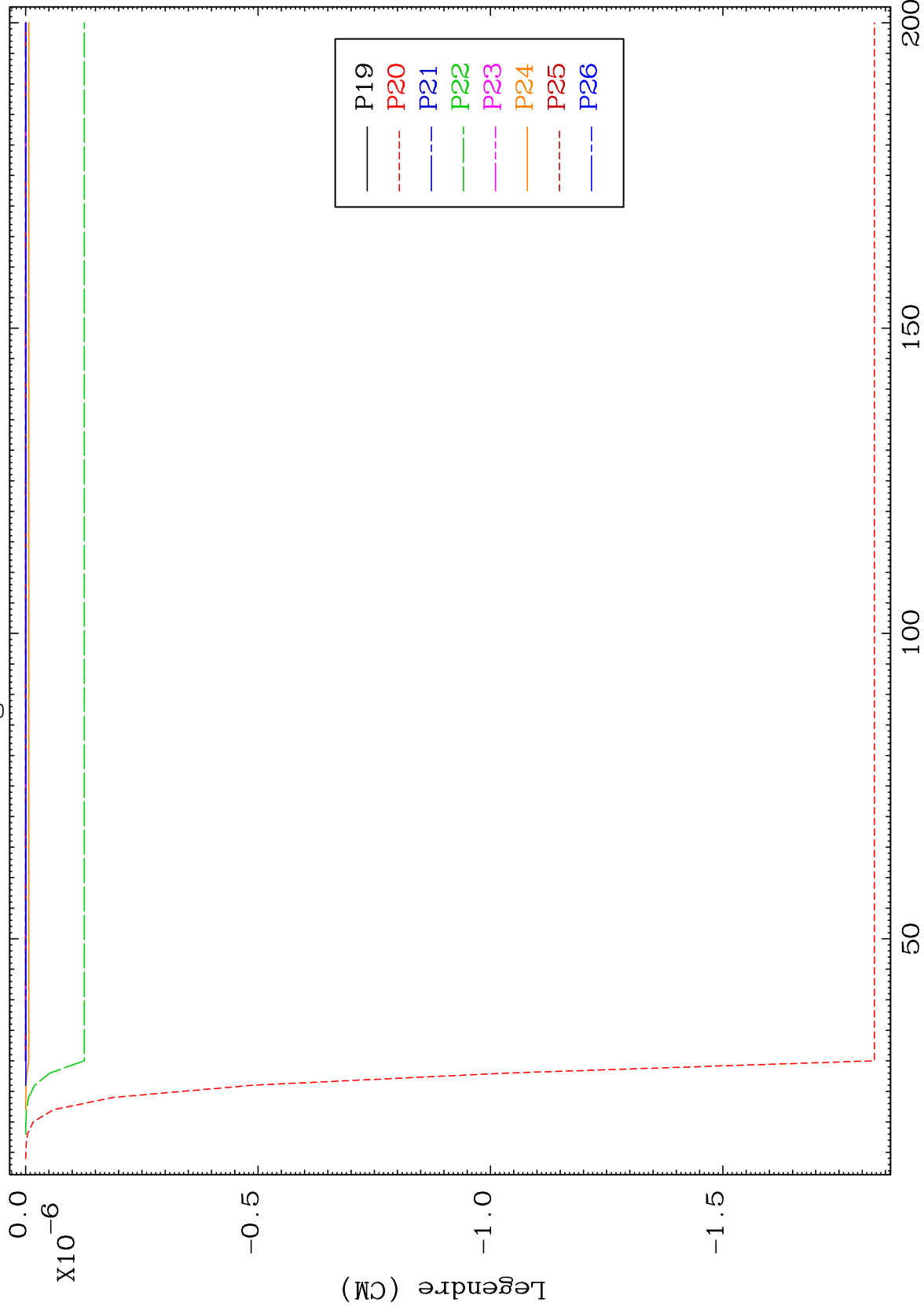
35

77-Ir-172

MAT 7668

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

77-Ir-172



36

Incident Energy (MeV)

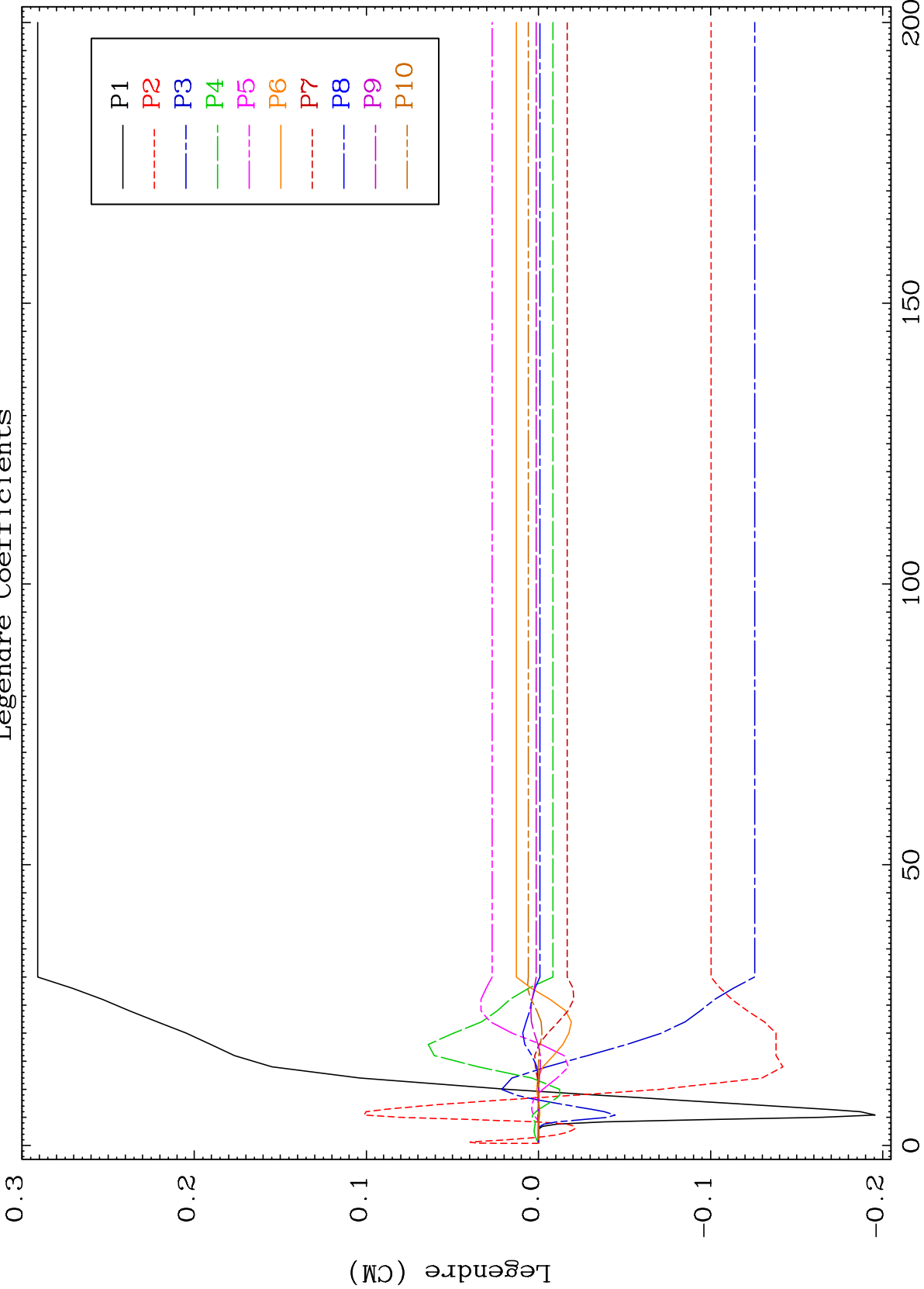
77-Ir-172

MAT 7668

MT= 56 (n,n') Level

77-Ir-172

Legendre Coefficients



37

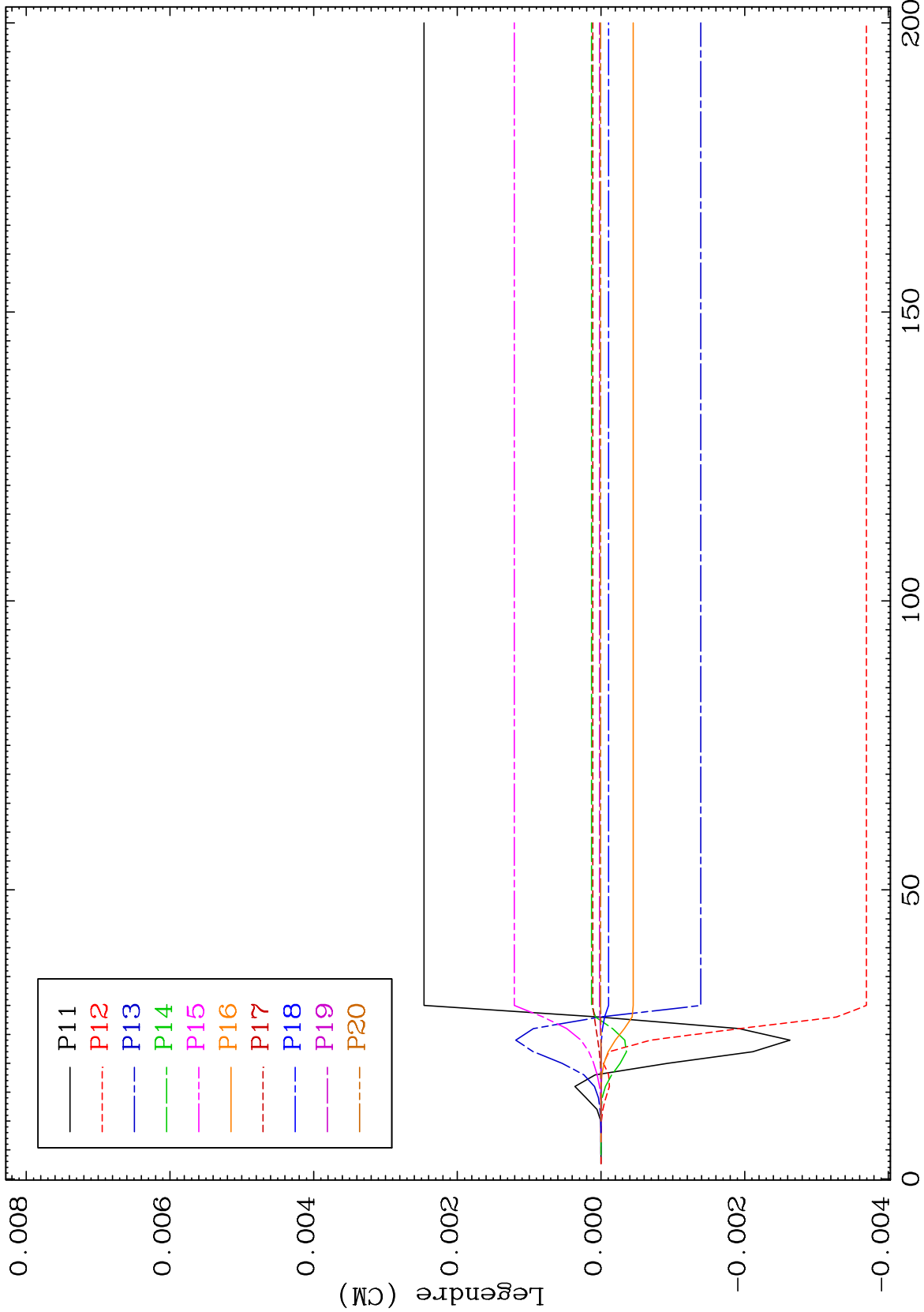
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

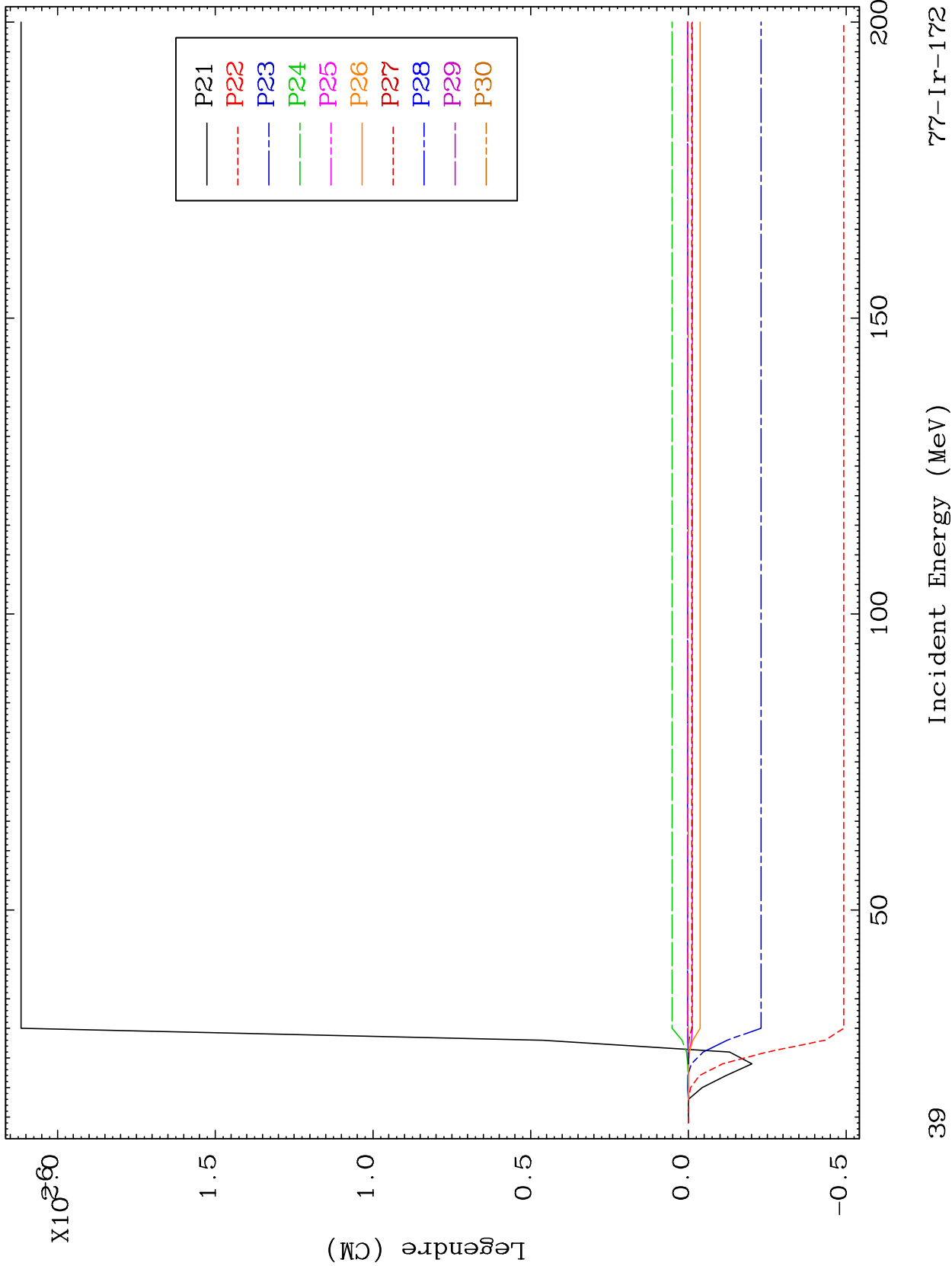
77-Ir-172



38

Incident Energy (MeV)

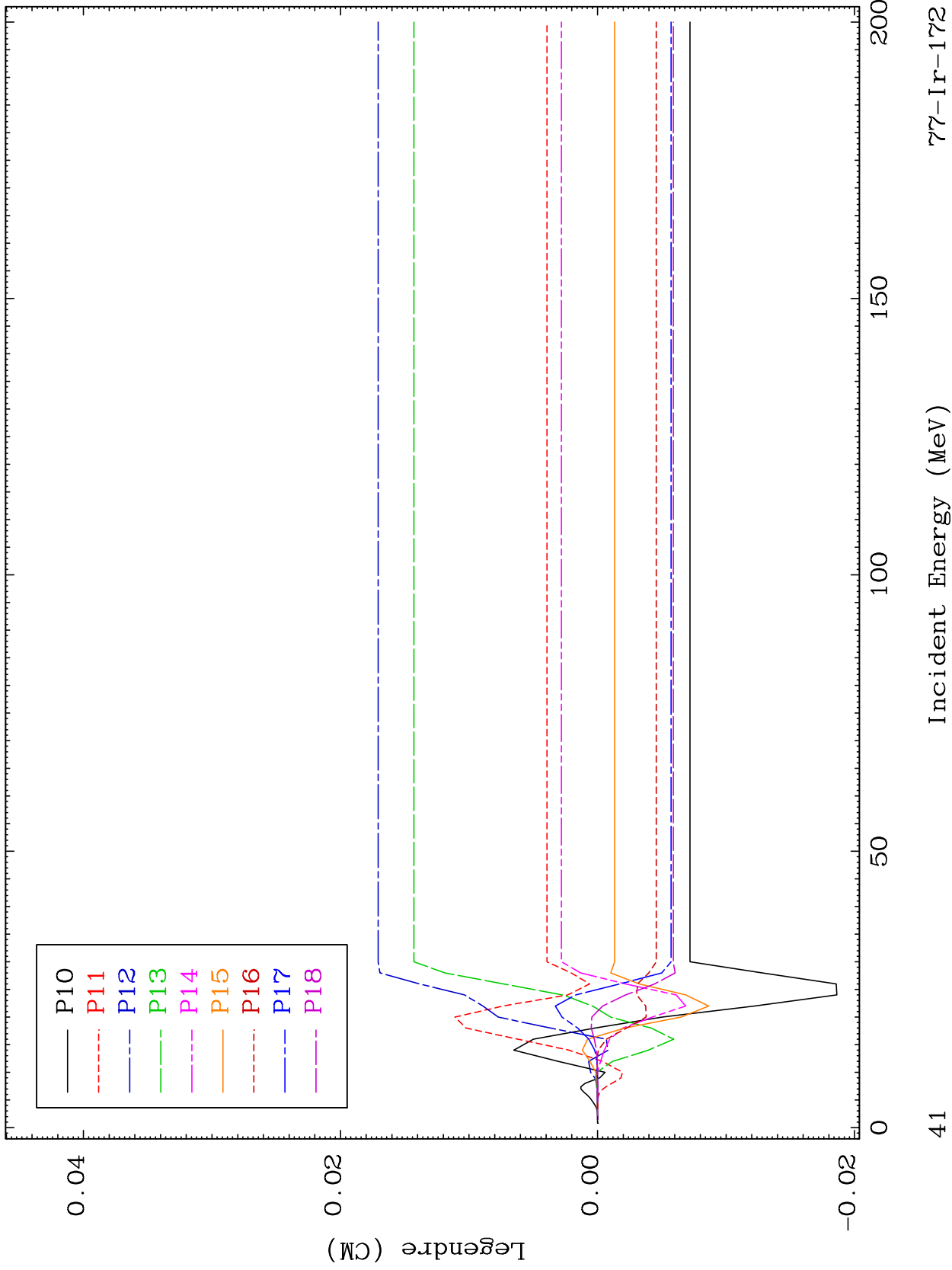
77-Ir-172



MAT 7668

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

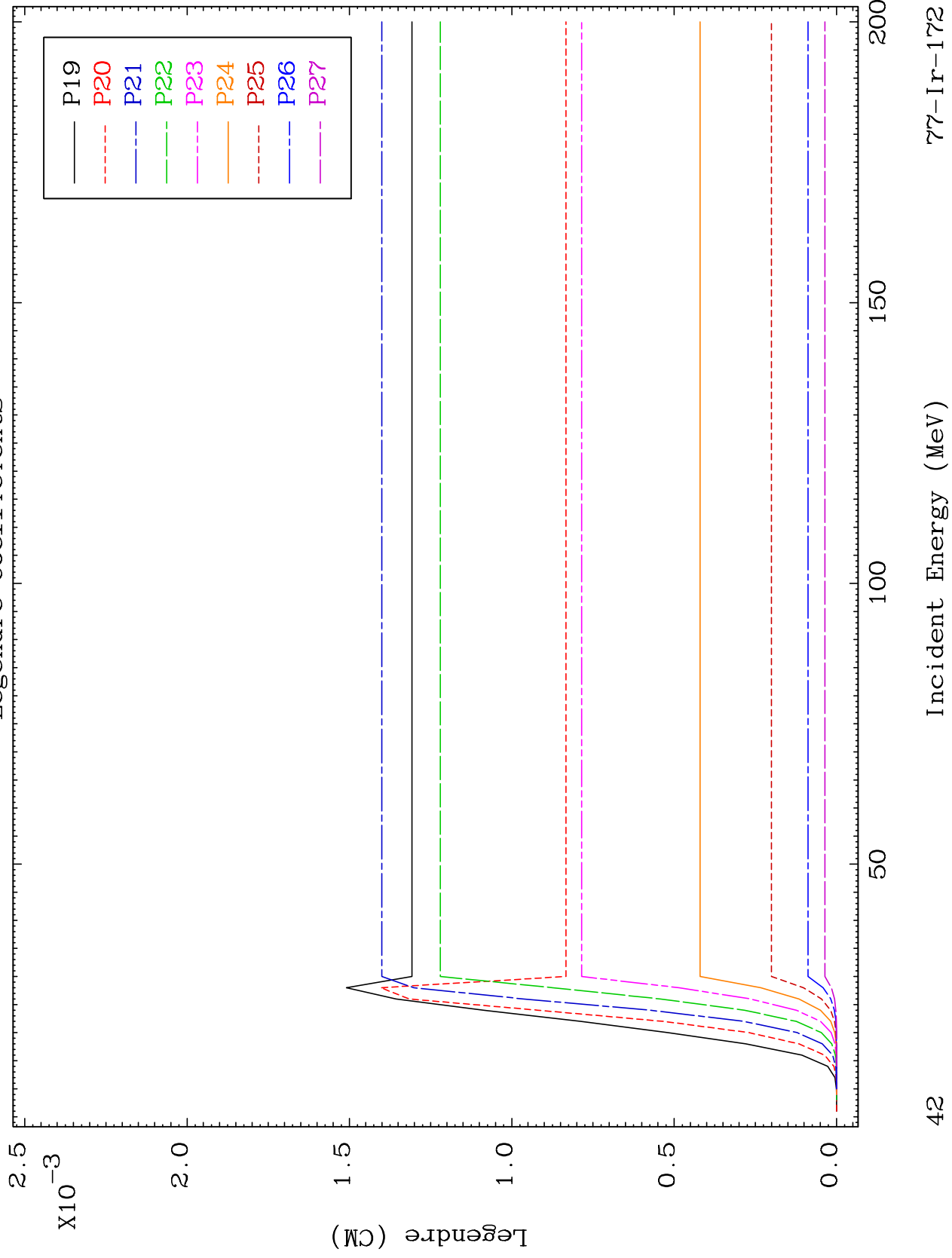
77-Ir-172



MAT 7668

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

77-Ir-172



42

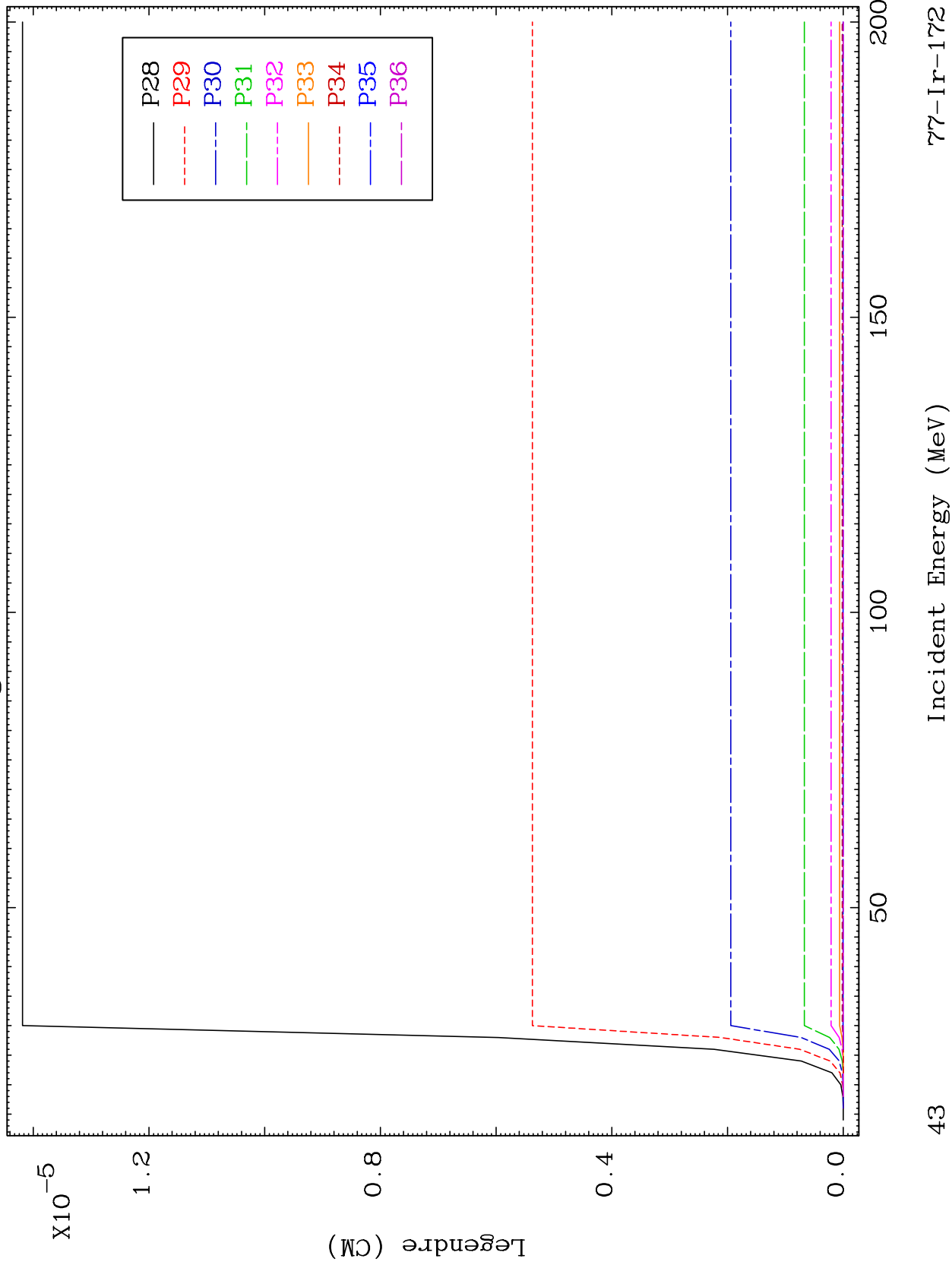
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172

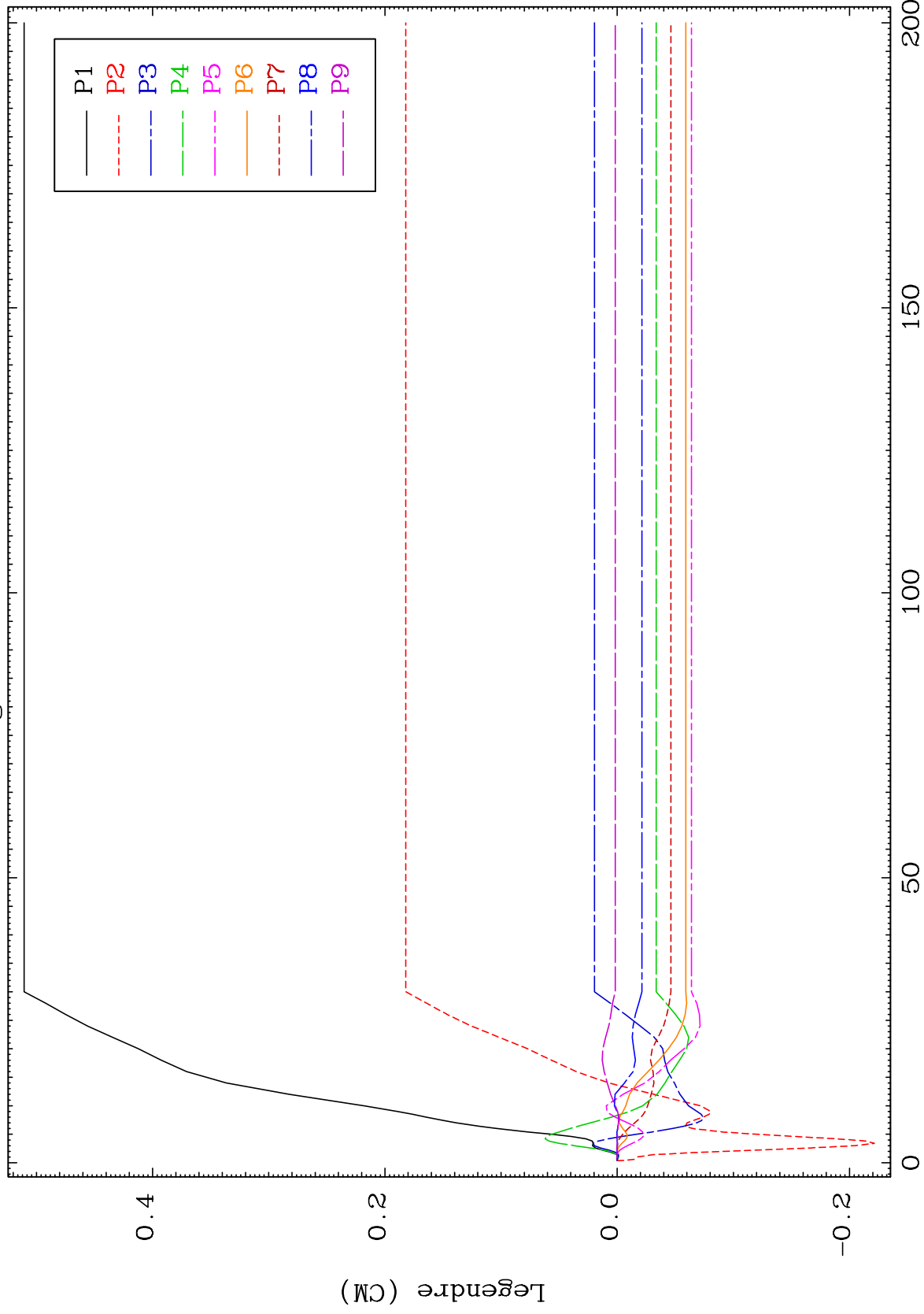


43

MAT 7668

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

77-Ir-172



44

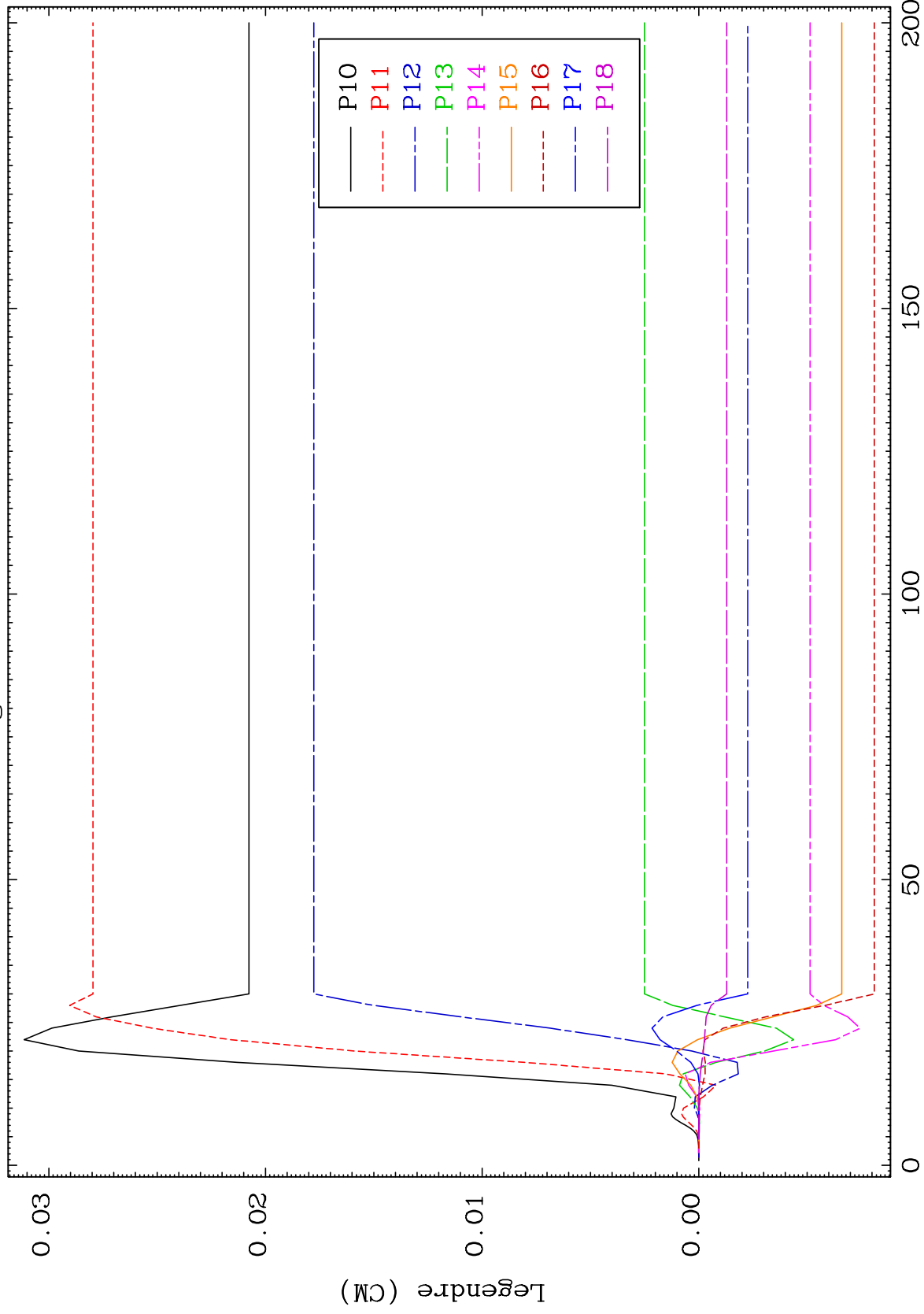
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

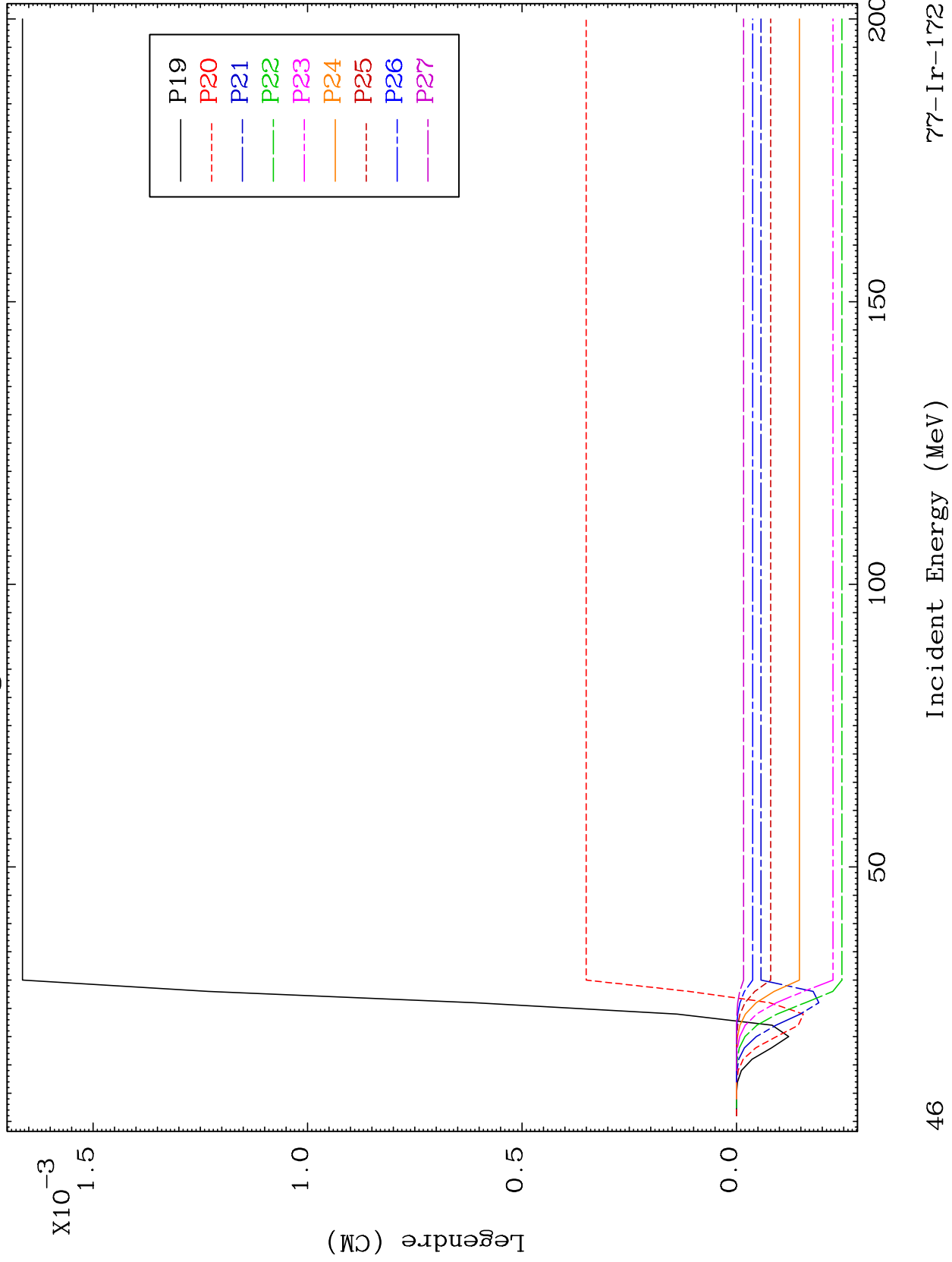
Incident Energy (MeV)

45

MAT 7668

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

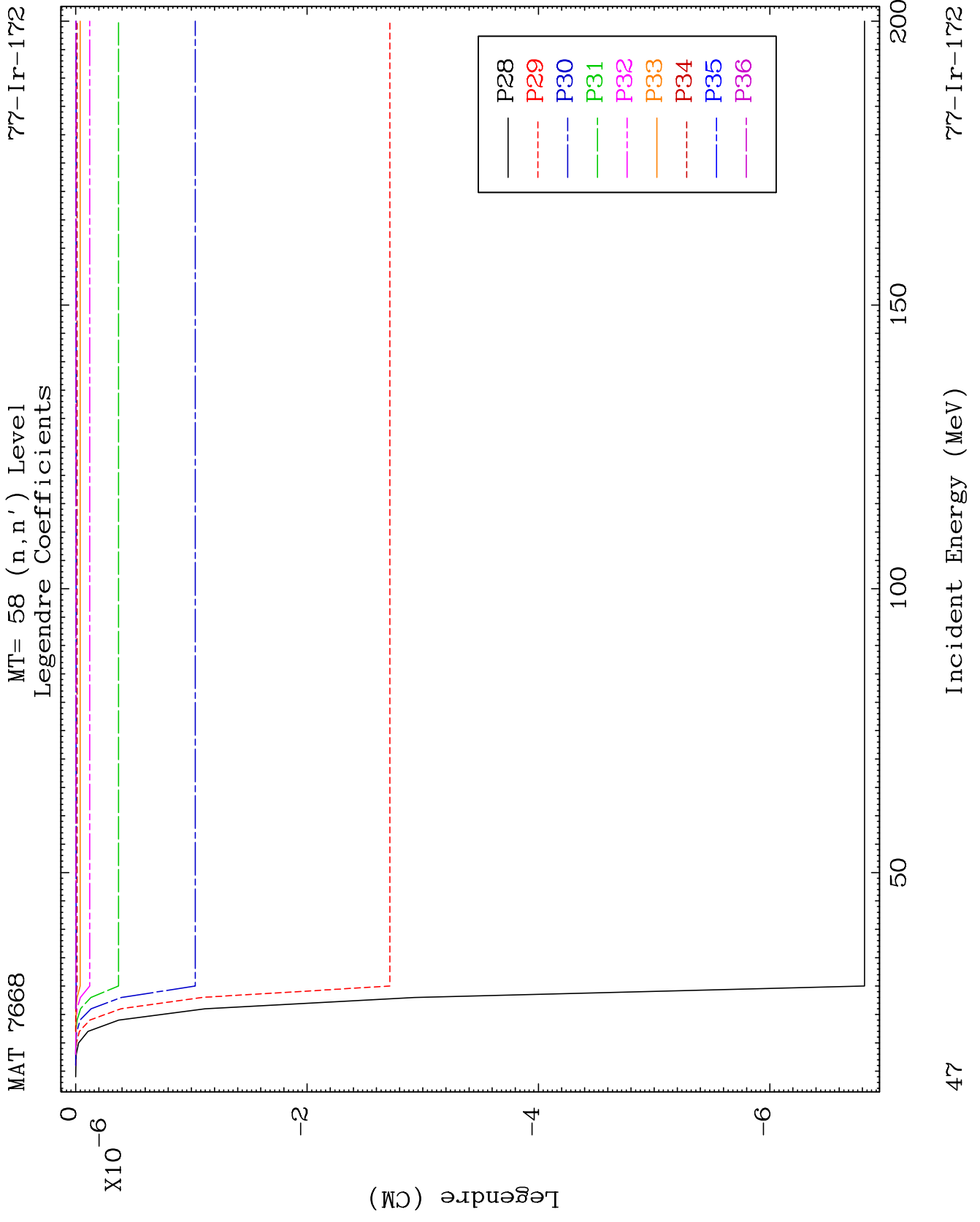
77-Ir-172



46

Incident Energy (MeV)

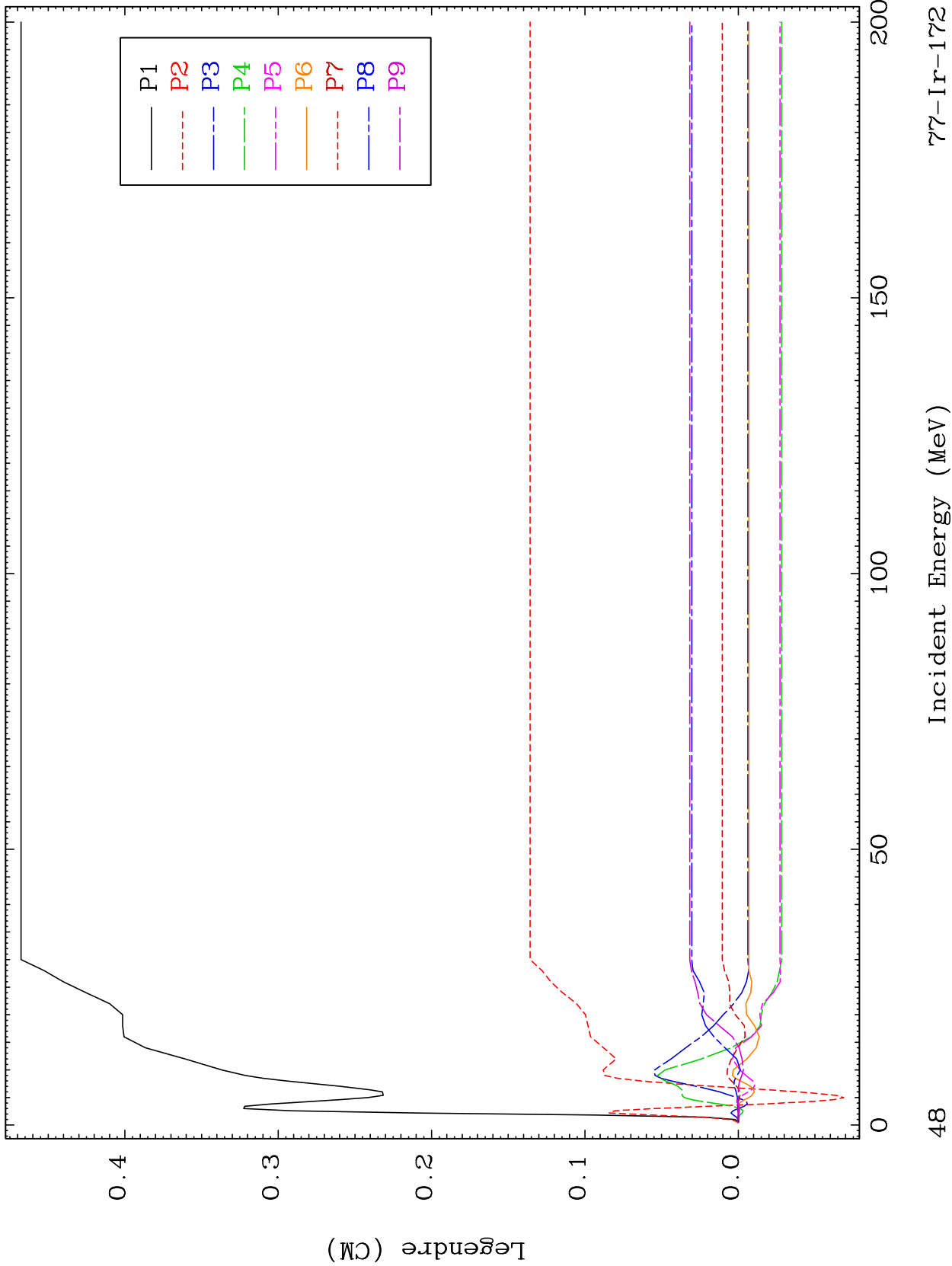
77-Ir-172



MAT 7668

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

77-Ir-172



77-Ir-172

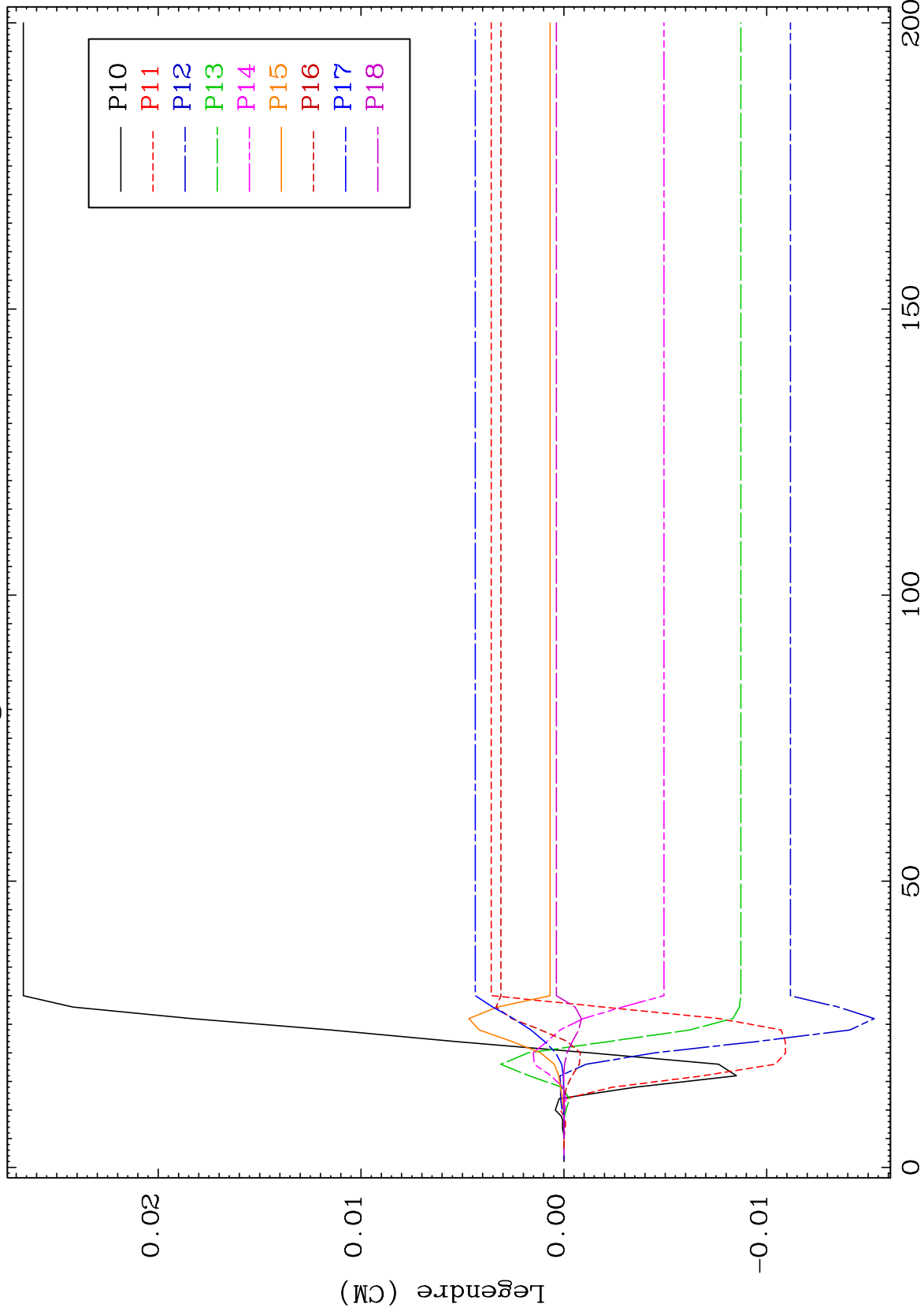
Incident Energy (MeV)

48

MAT 7668

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

77-Ir-172



49

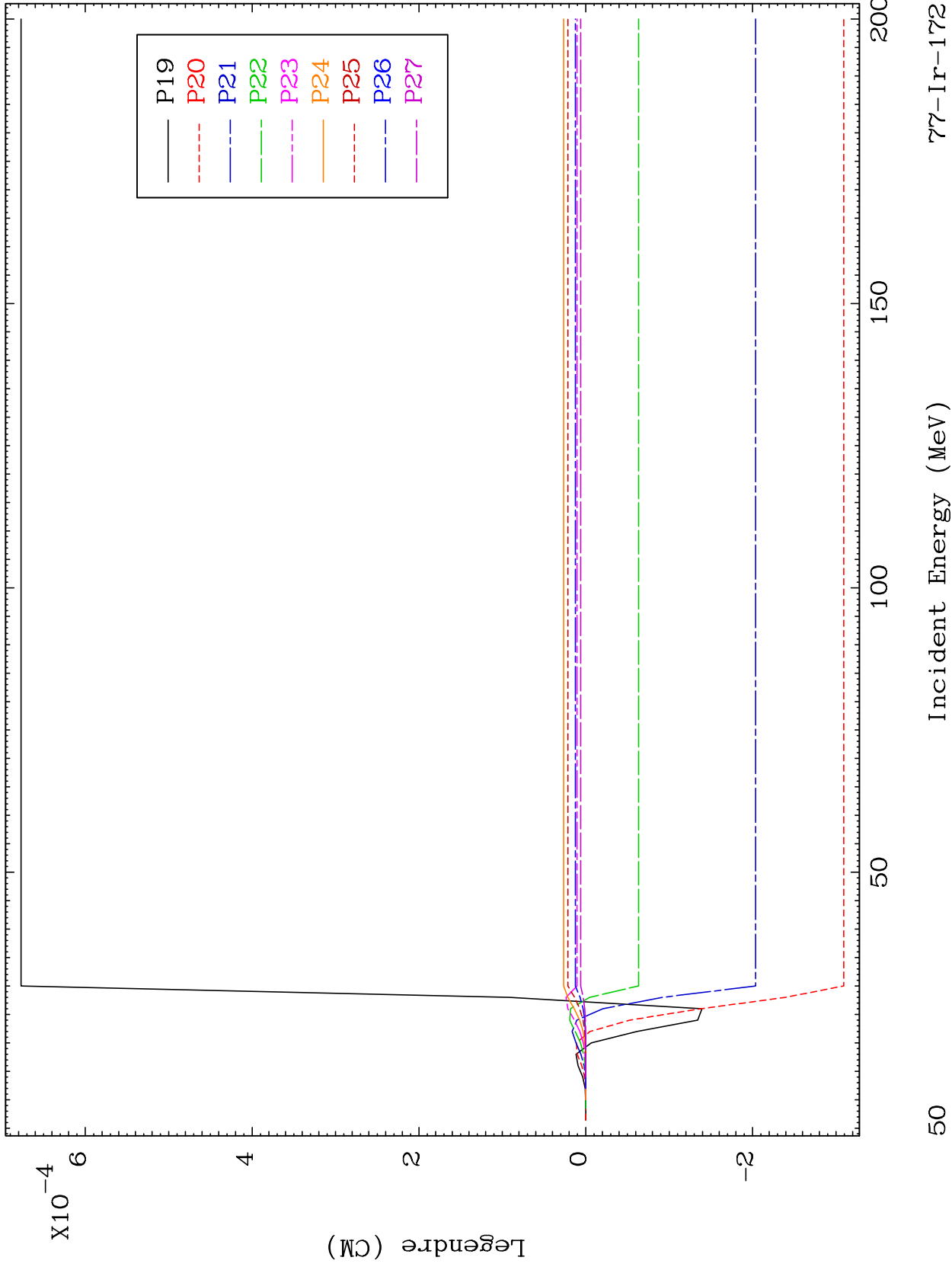
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

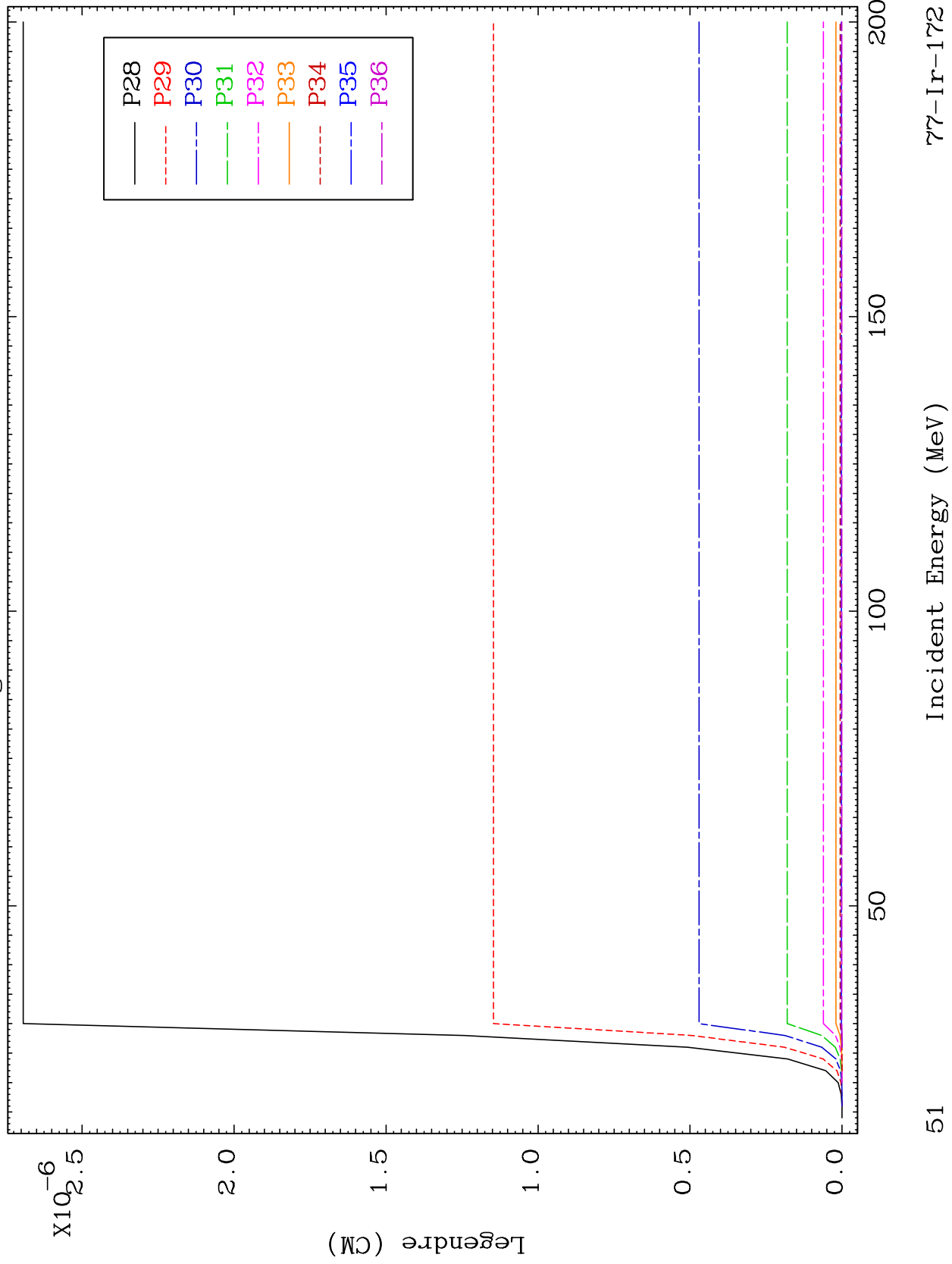
Incident Energy (MeV)

50

MAT 7668

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

77-Ir-172



51

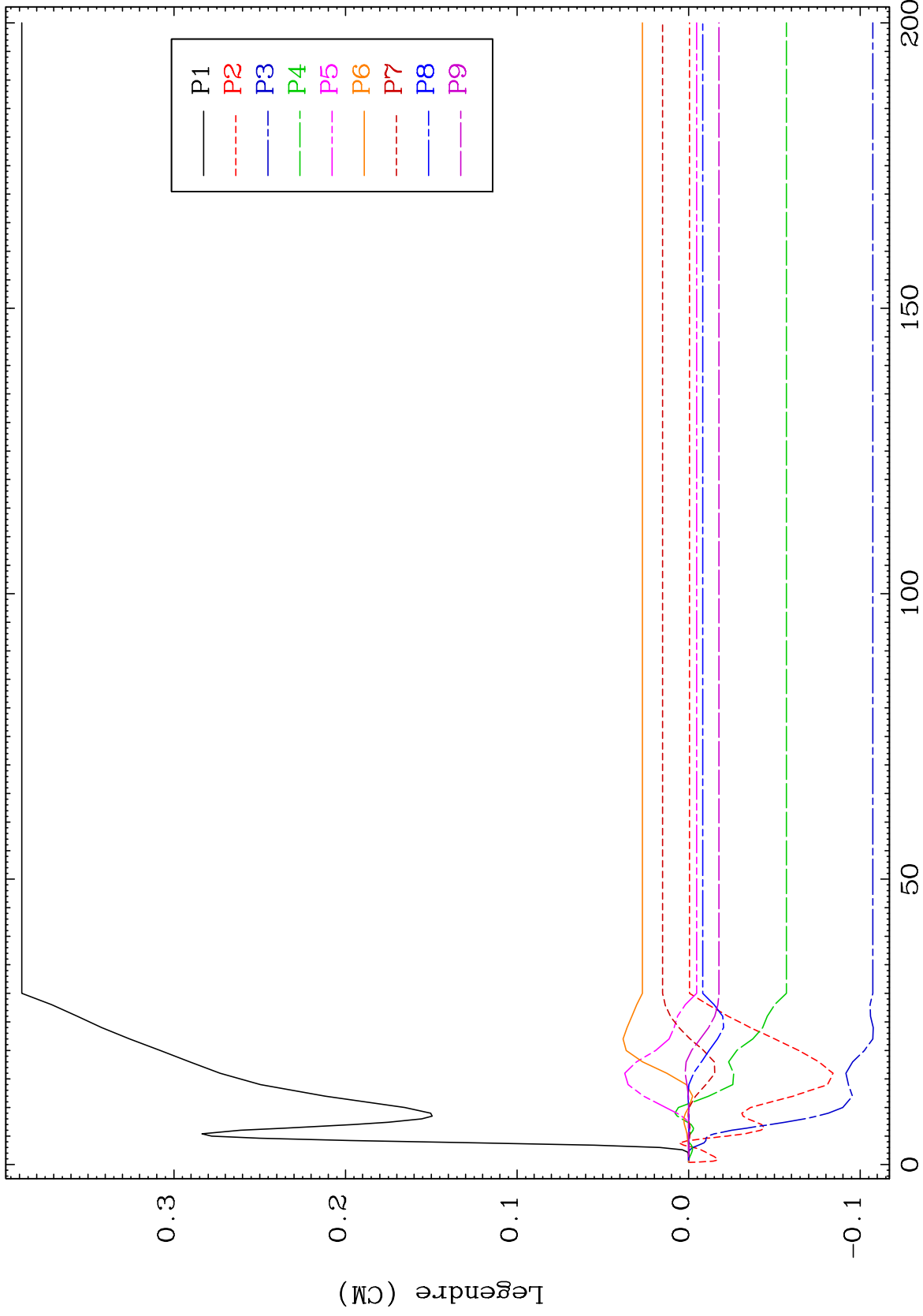
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



52

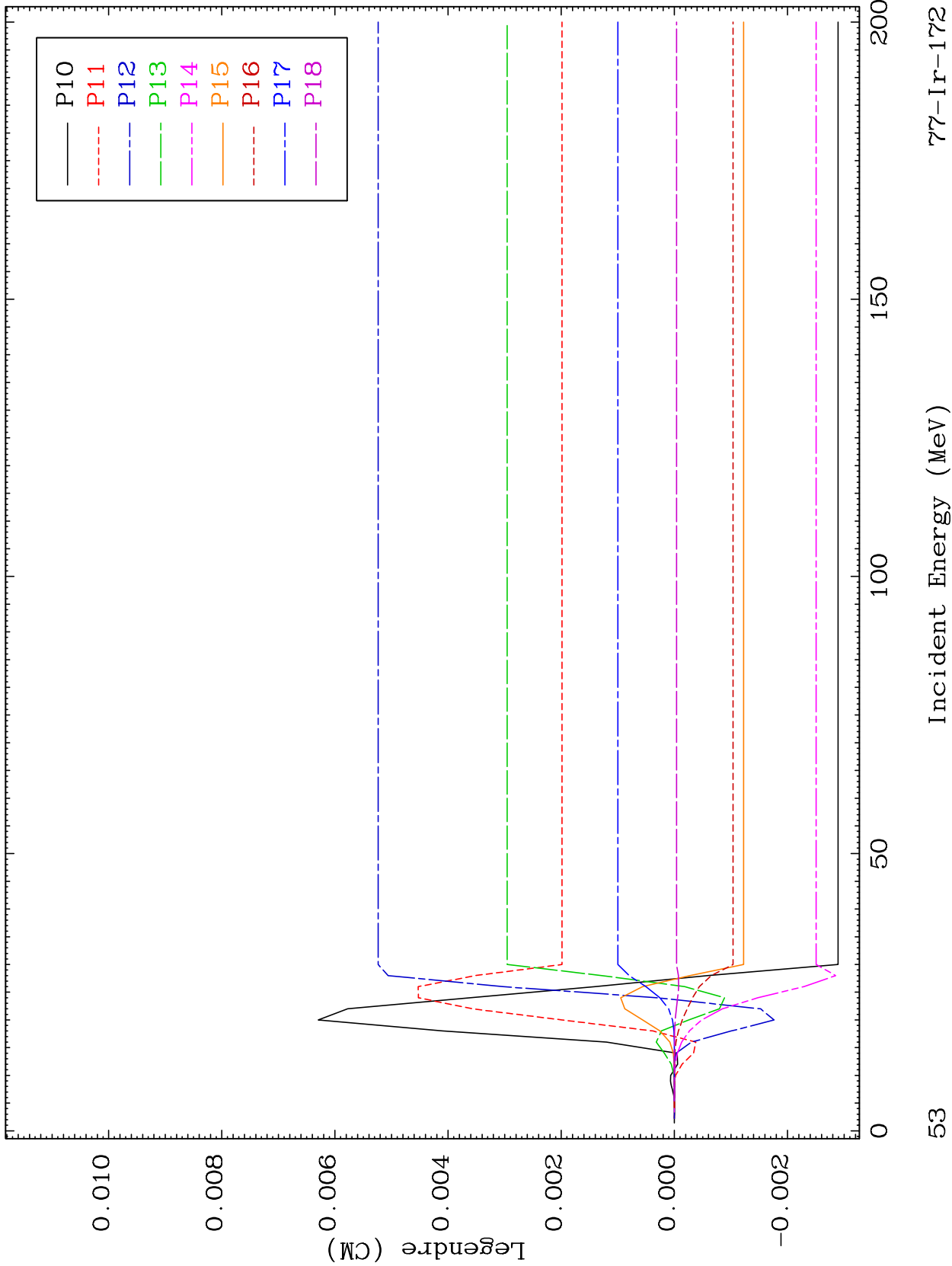
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



53

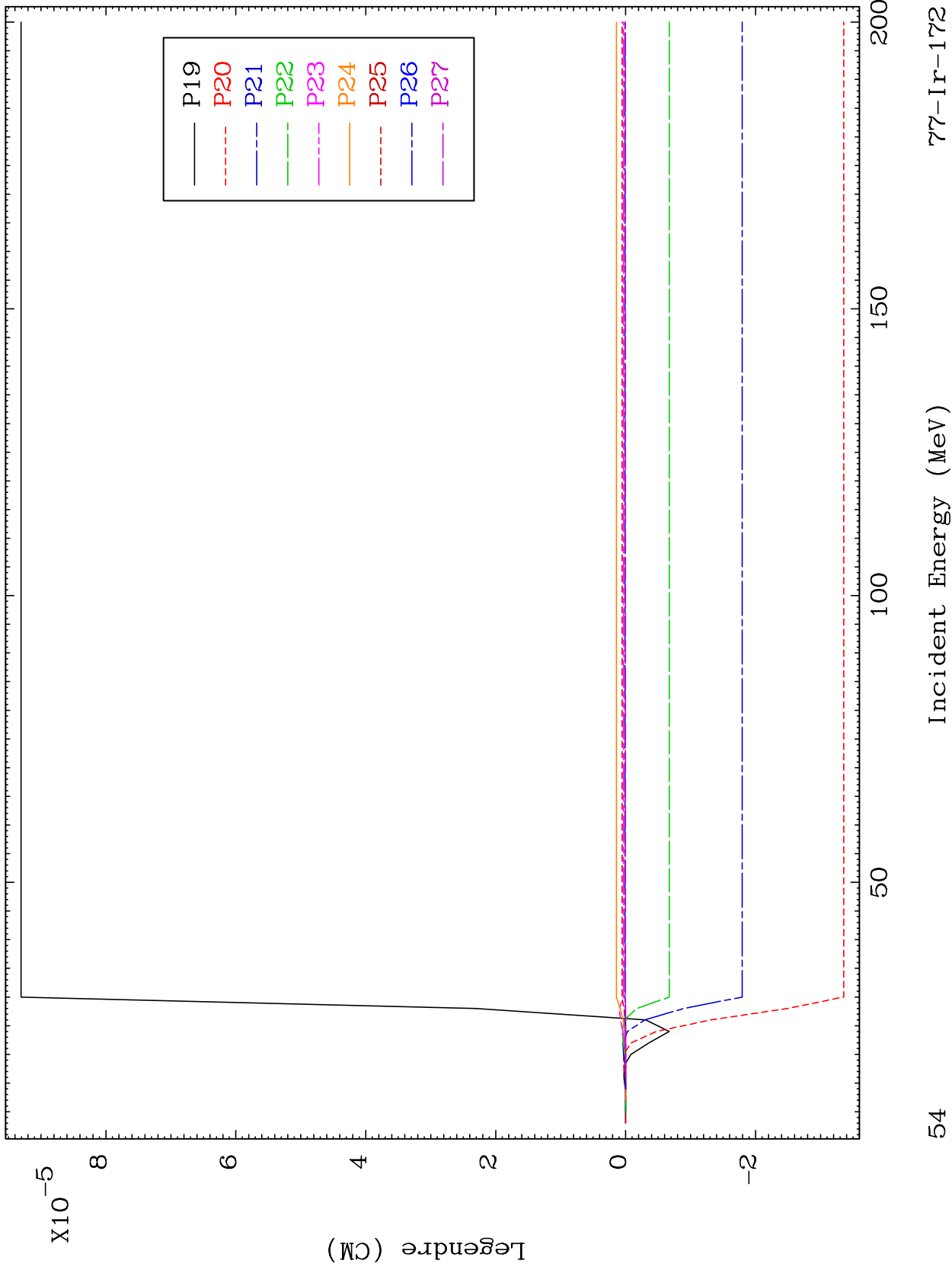
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



54

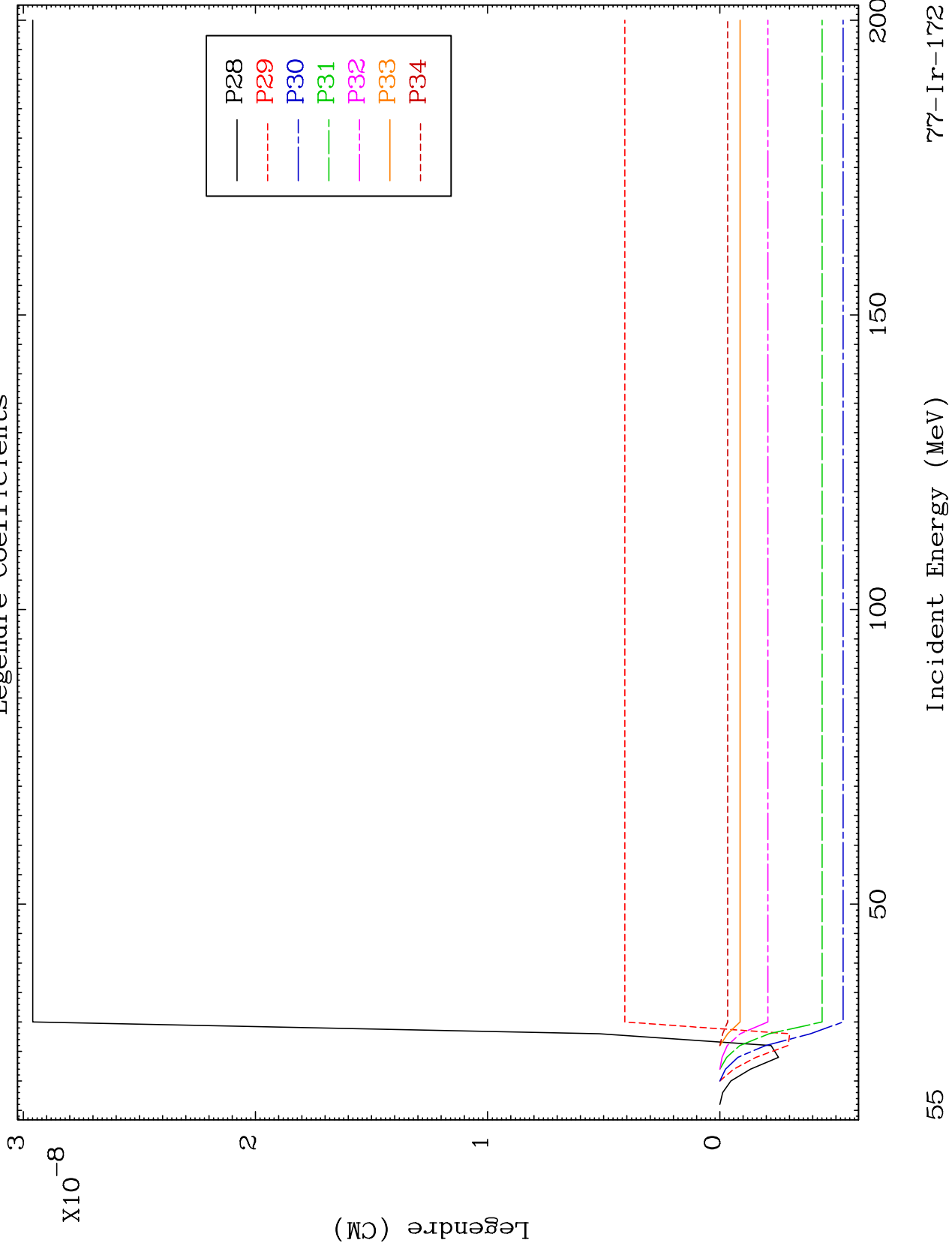
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



55

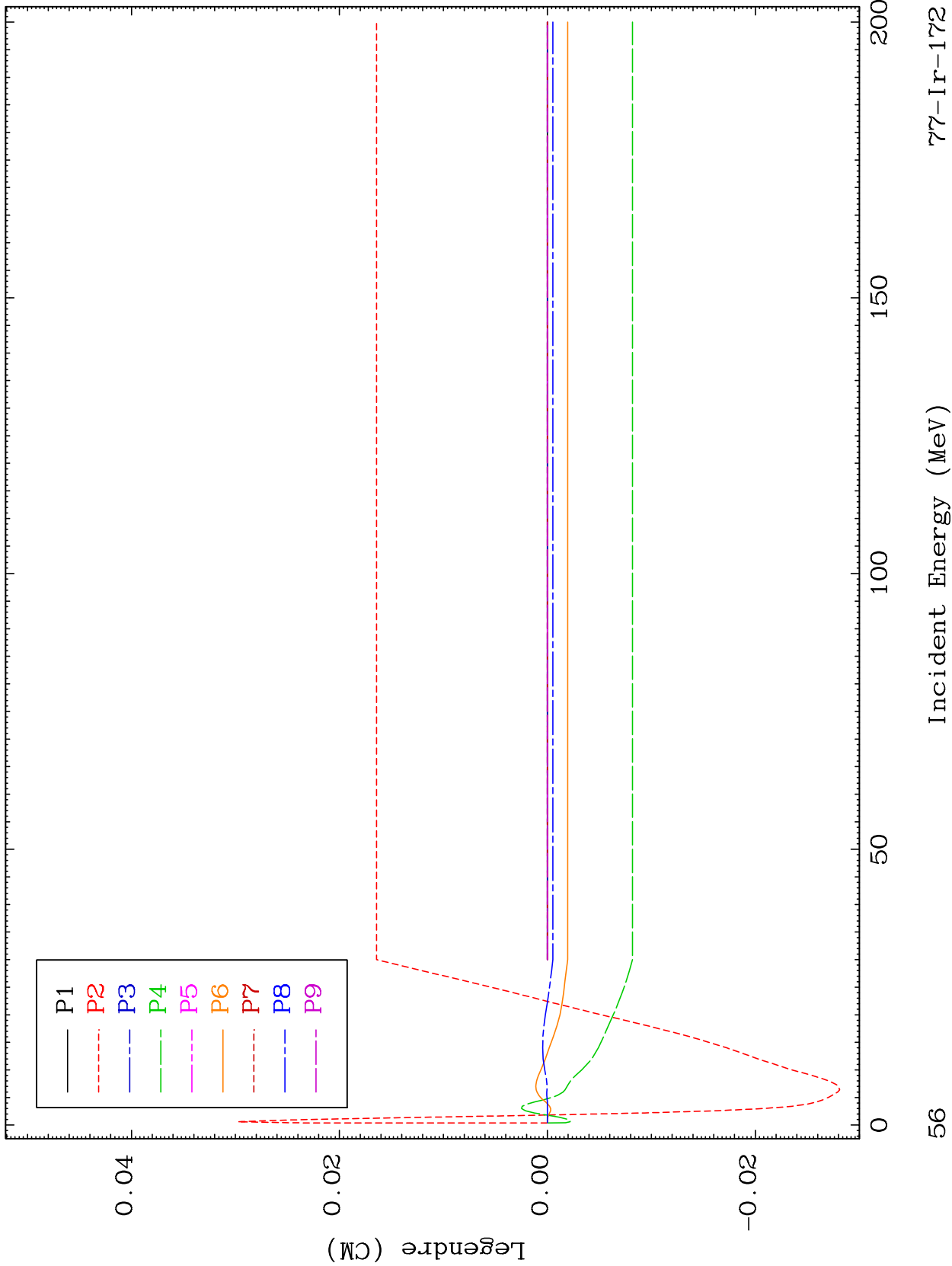
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

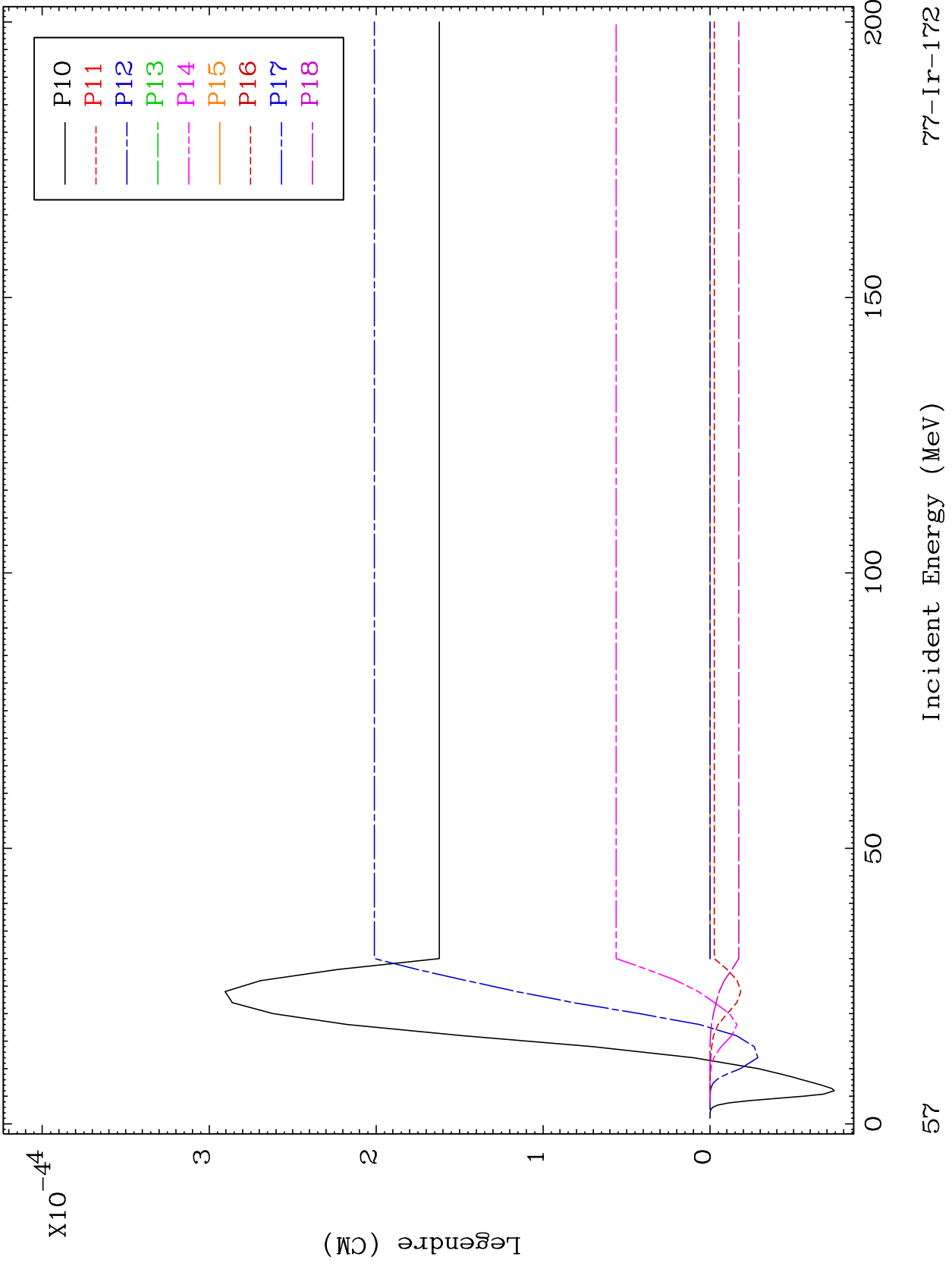
Incident Energy (MeV)

56

MAT 7668

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

77-Ir-172



77-Ir-172

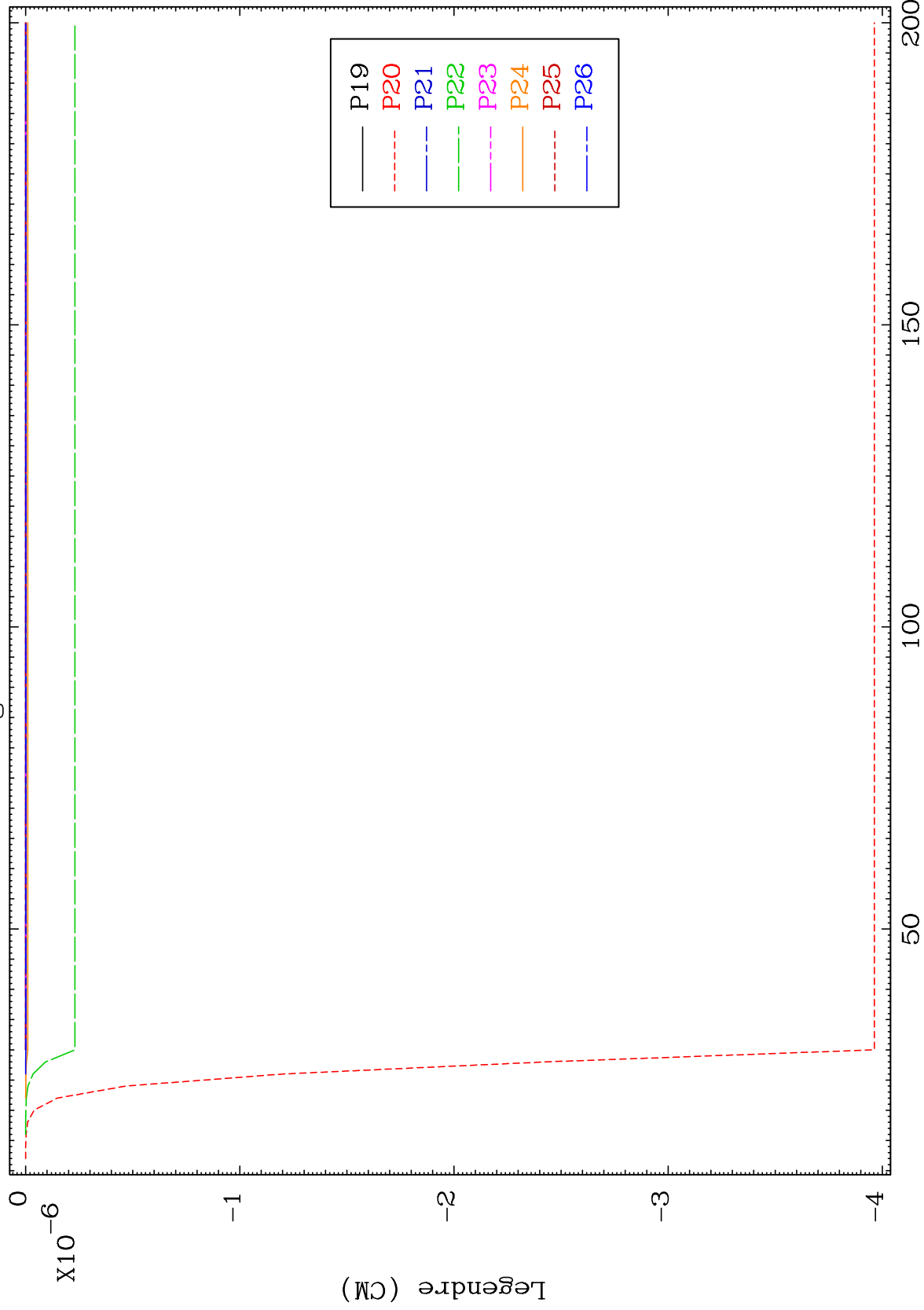
Incident Energy (MeV)

57

MAT 7668

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

77-Ir-172



58

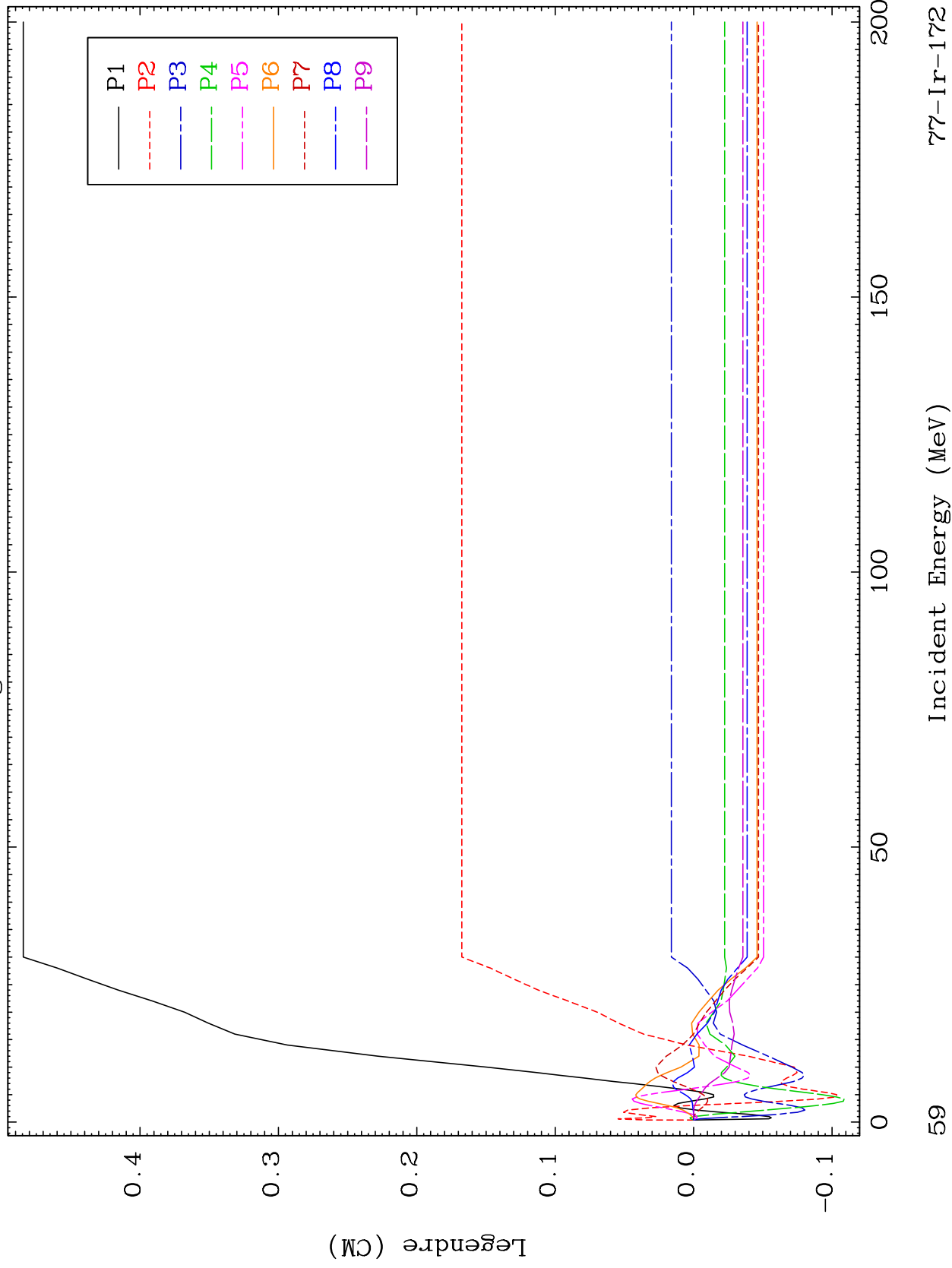
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

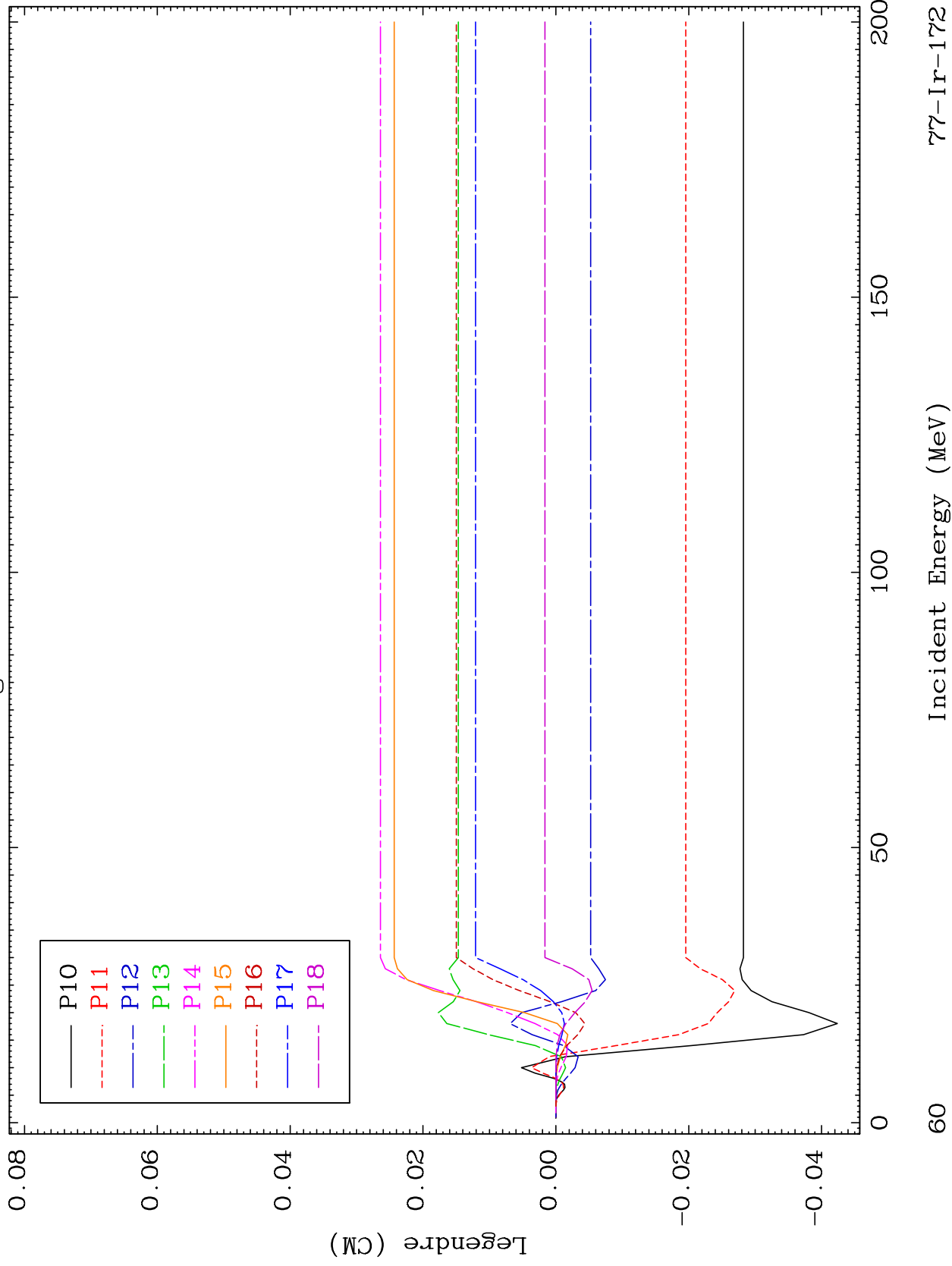
Incident Energy (MeV)

59

MAT 7668

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

77-Ir-172

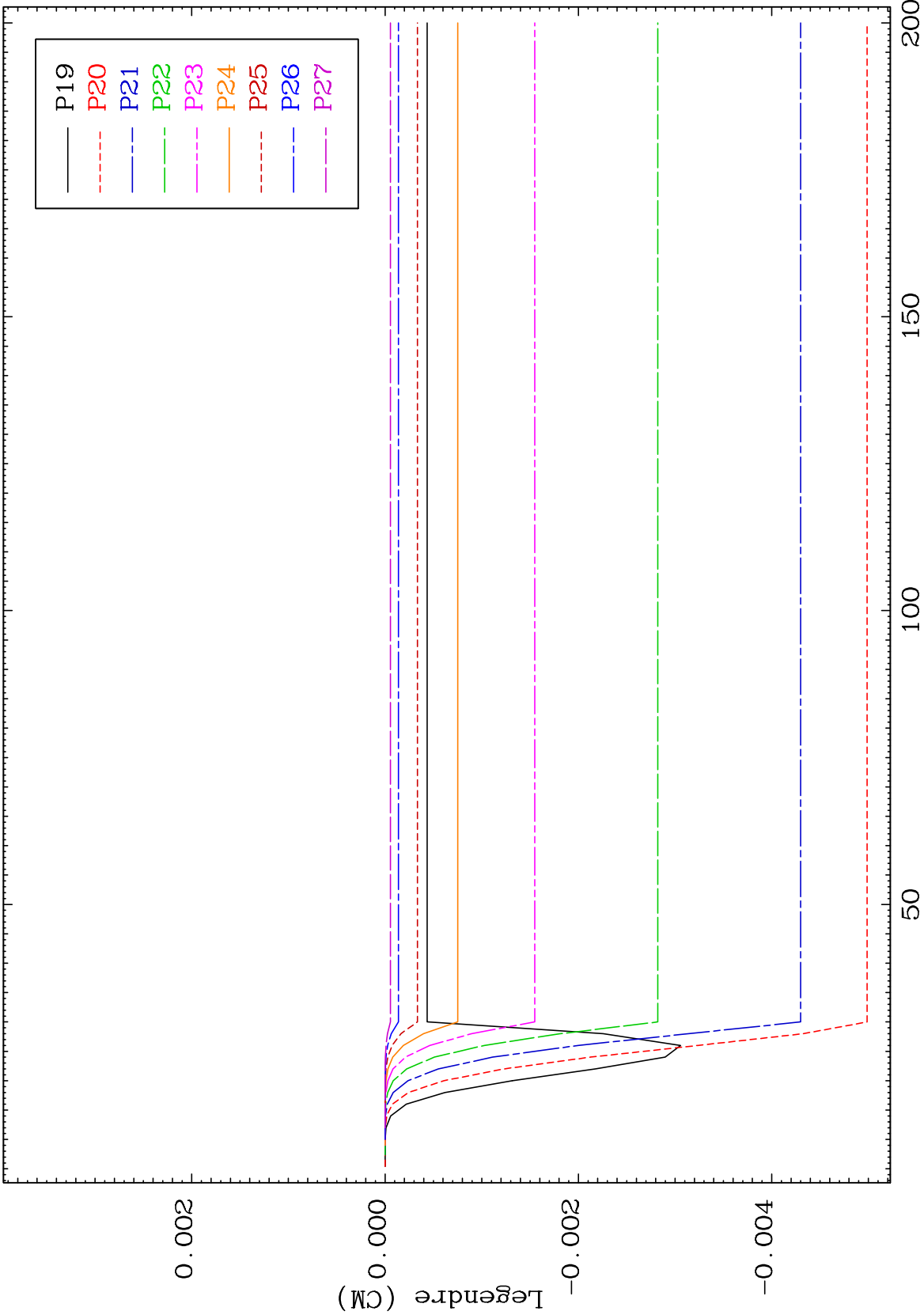


77-Ir-172

MAT 7668

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

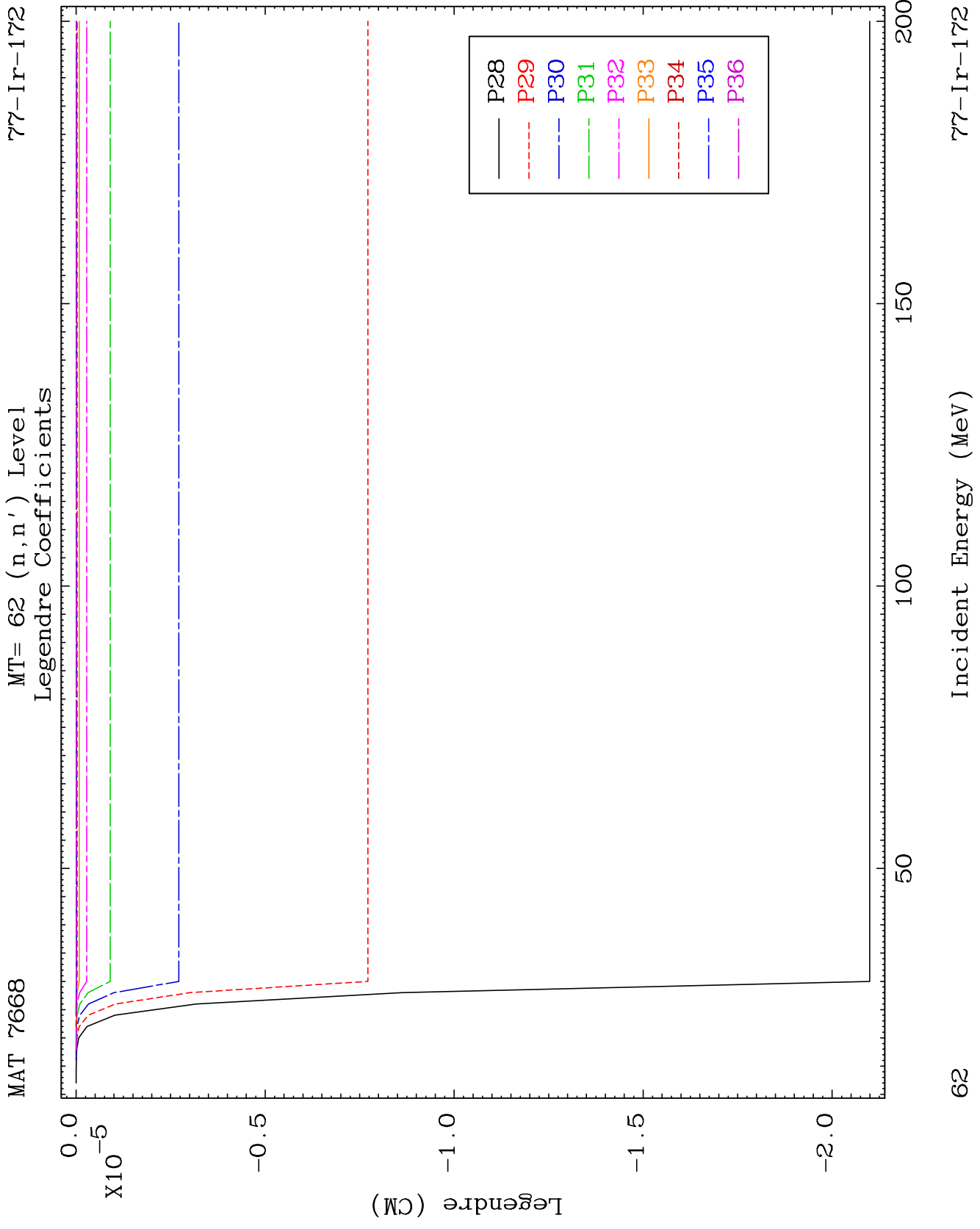
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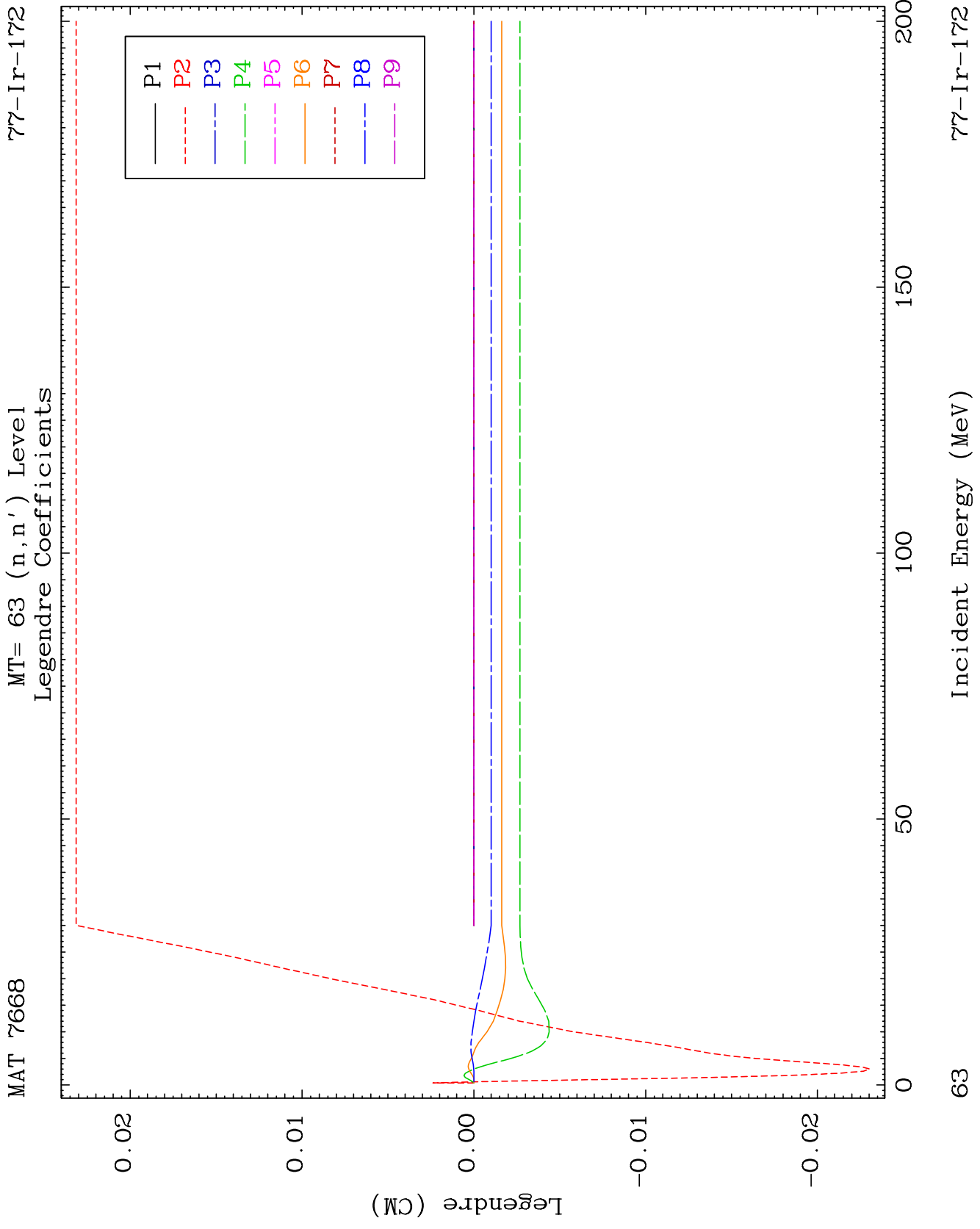


61

Incident Energy (MeV)

77-Ir-172

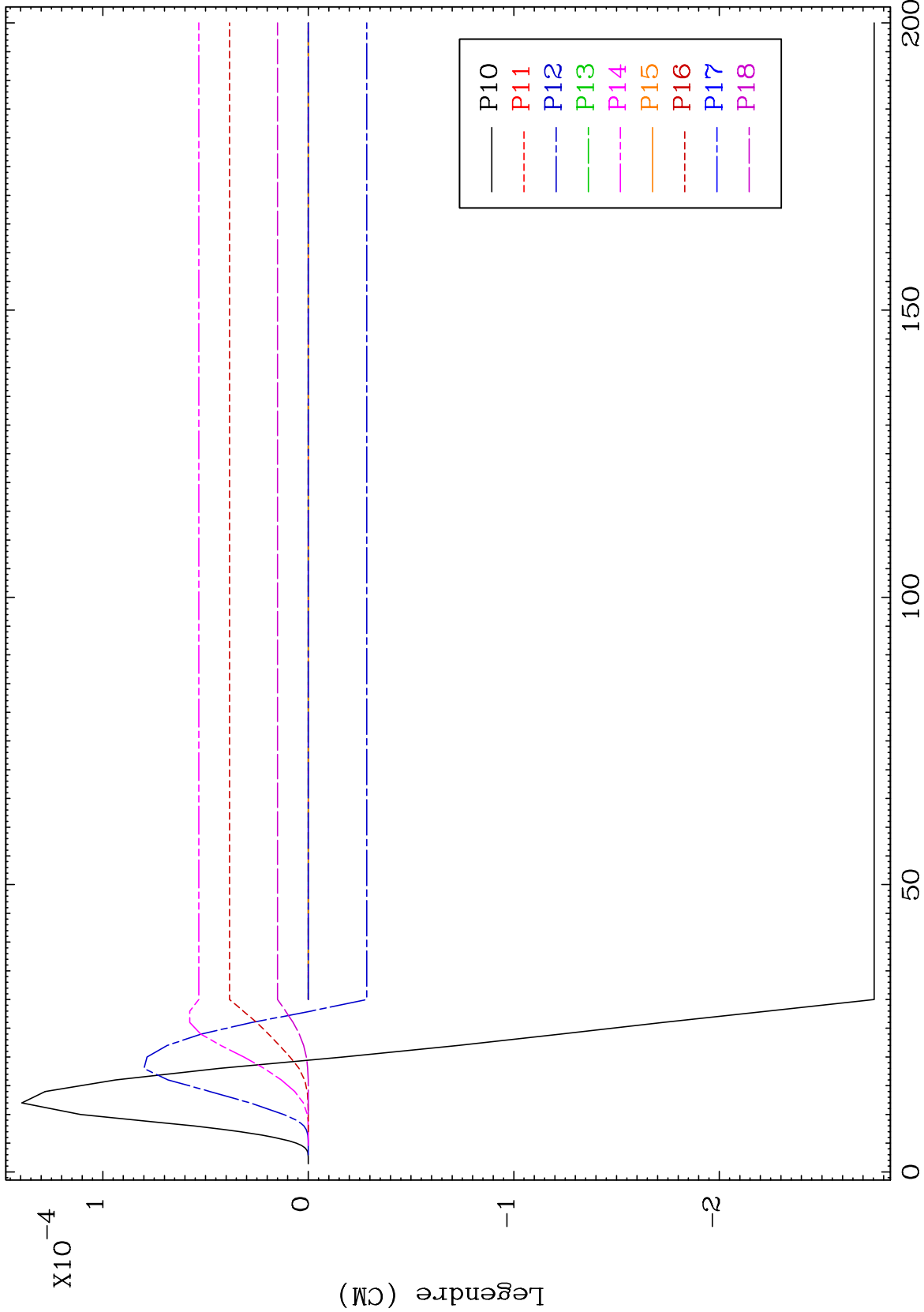




MAT 7668

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

77-Ir-172



64

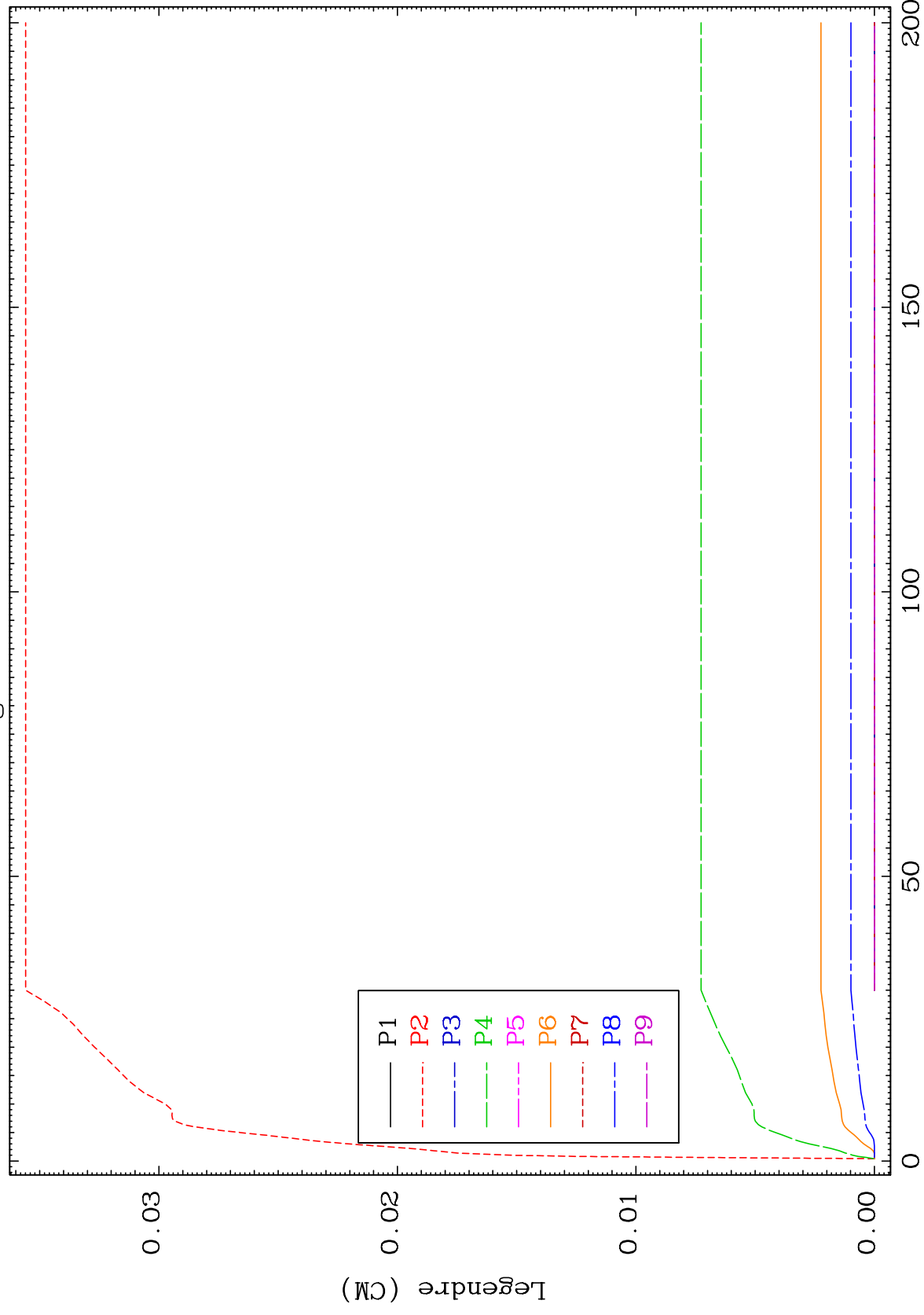
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



66

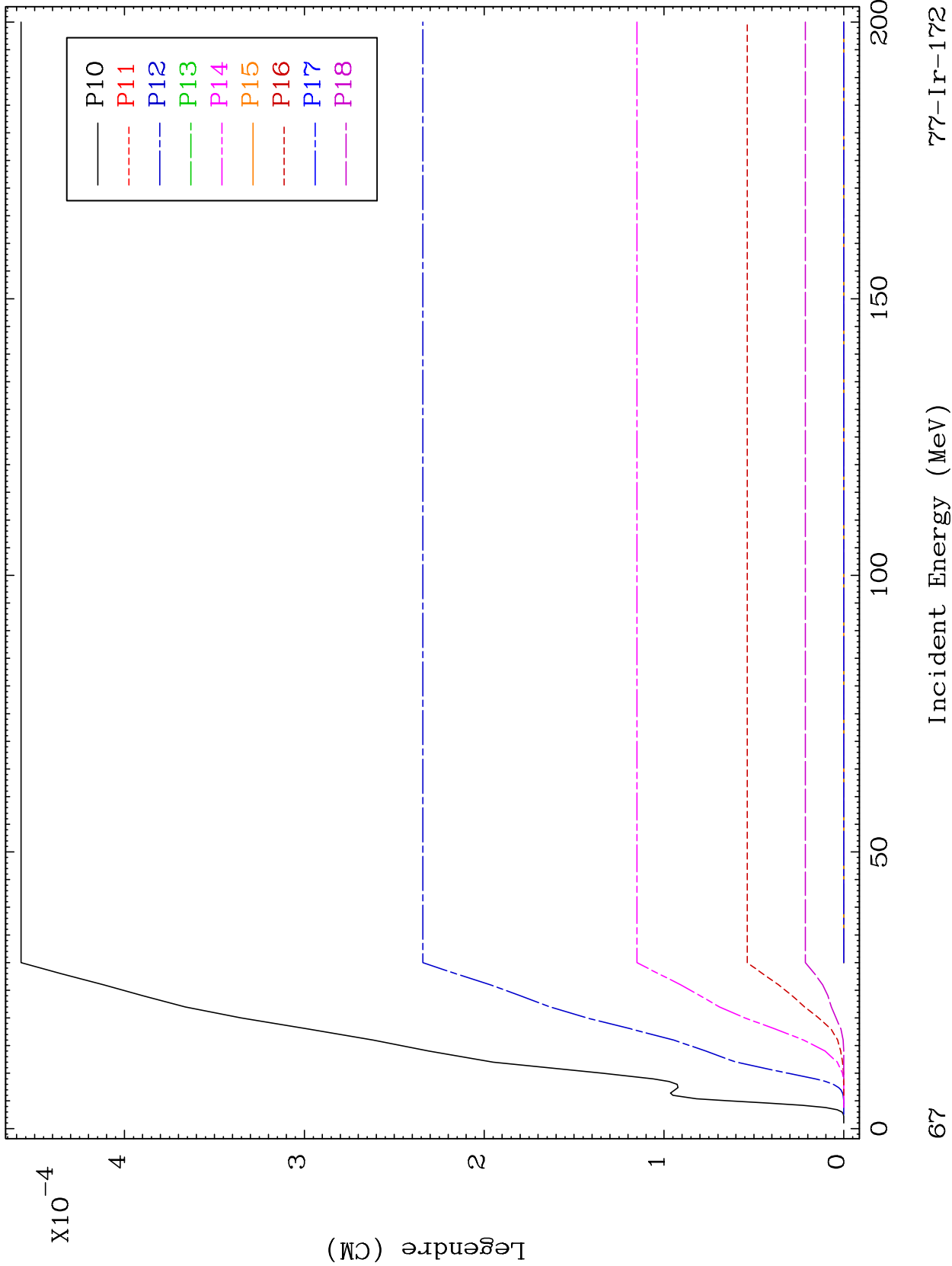
Incident Energy (MeV)

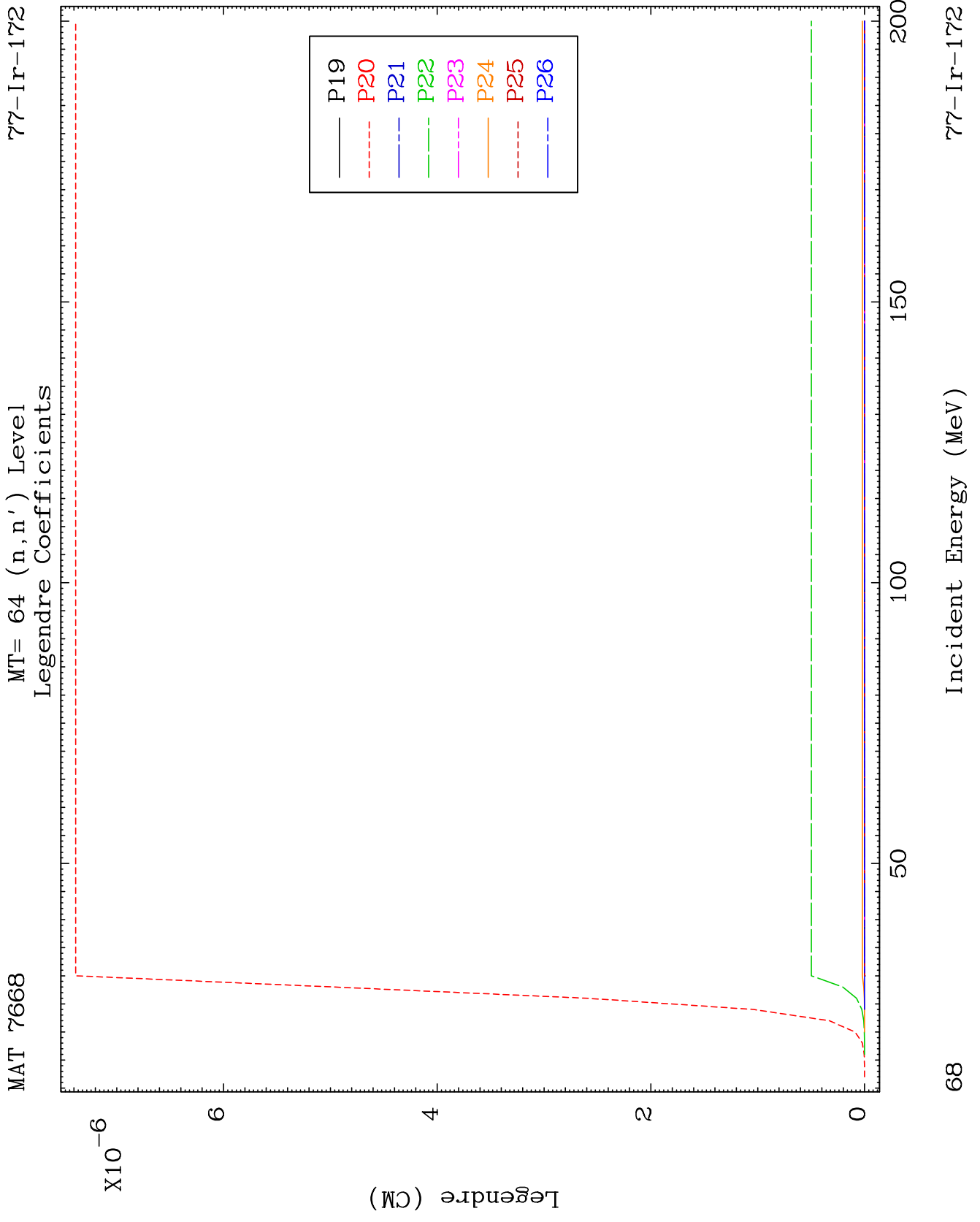
77-Ir-172

MAT 7668

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

77-Ir-172

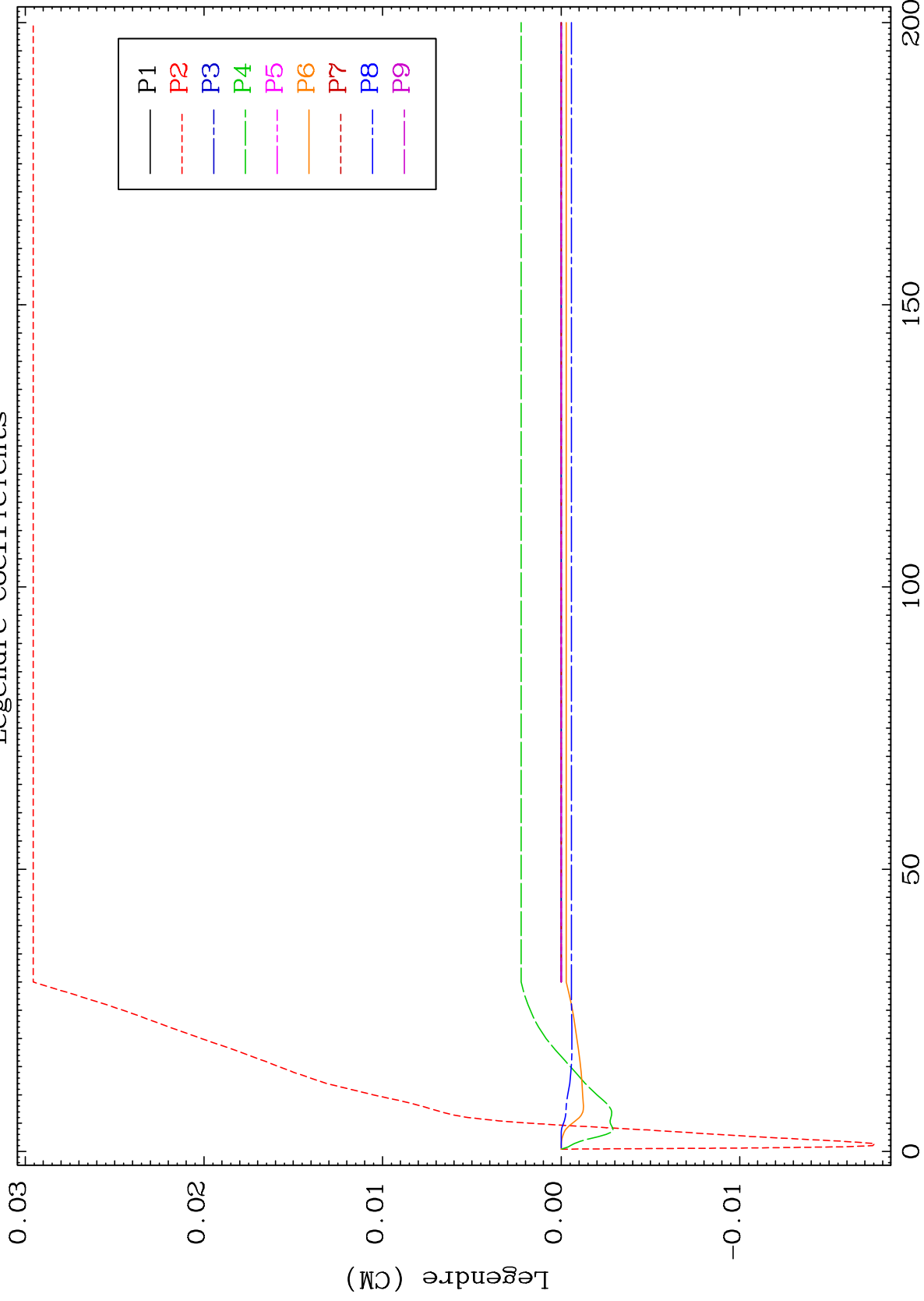




MAT 7668

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

77-Ir-172



69

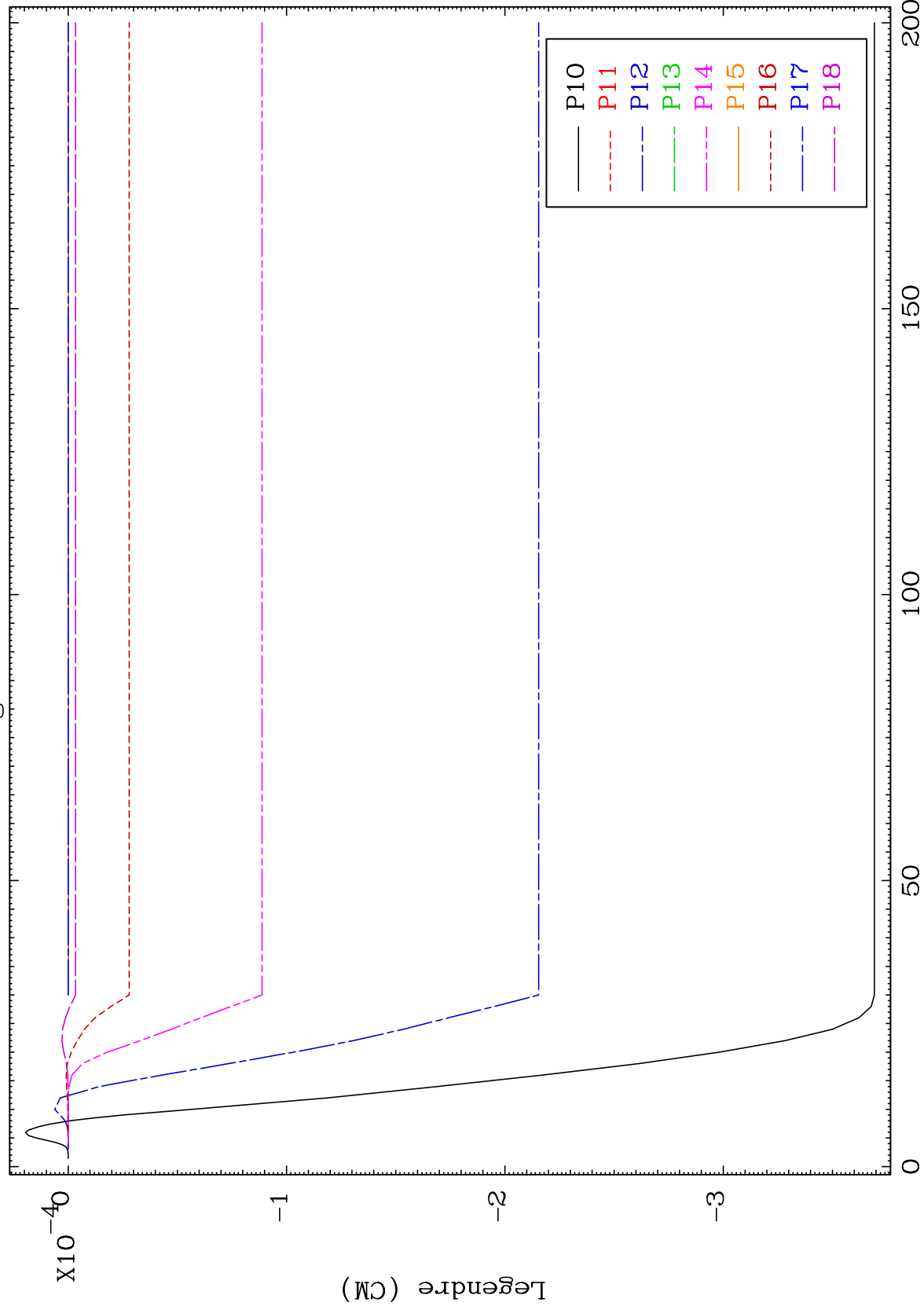
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

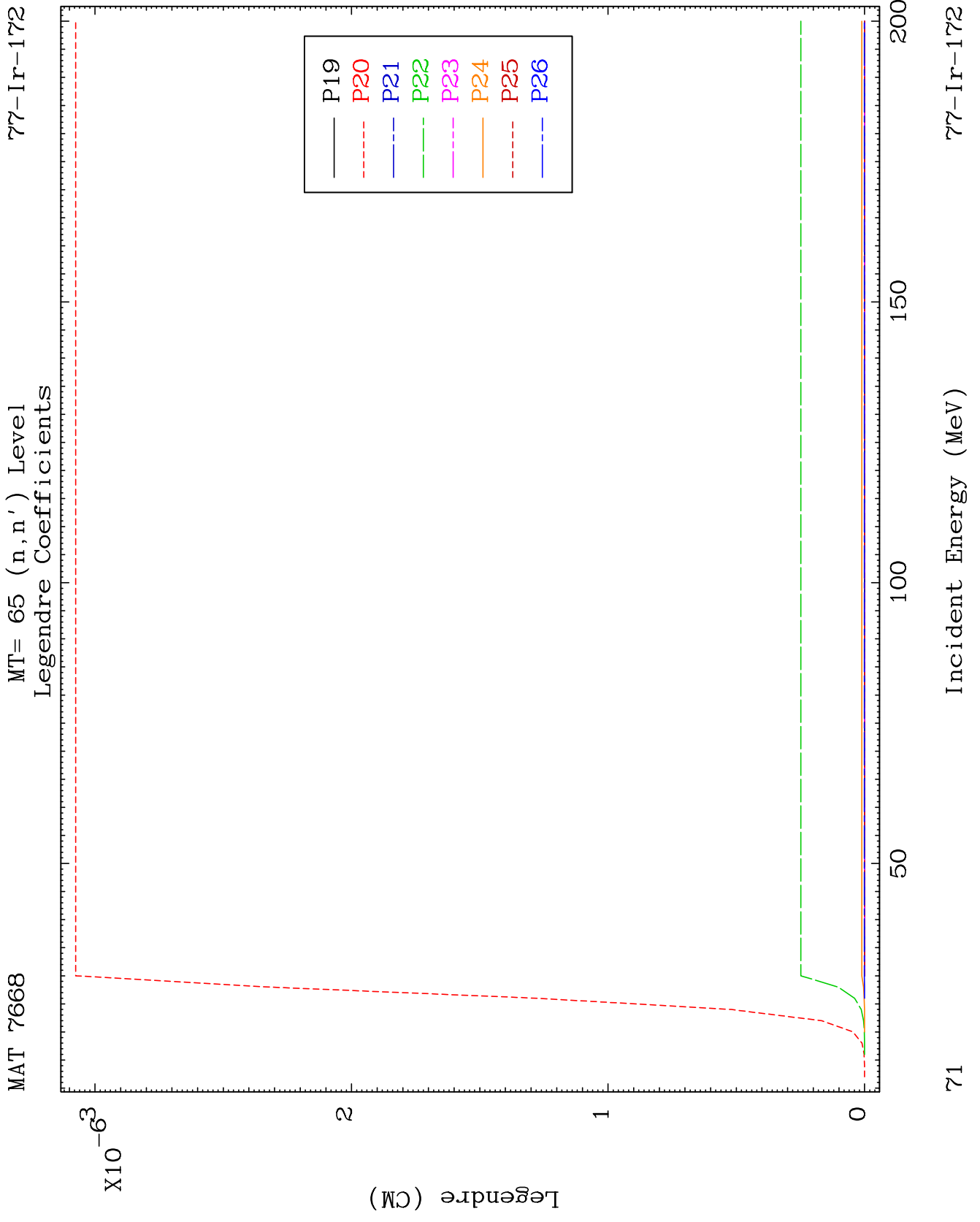
77-Ir-172



70

Incident Energy (MeV)

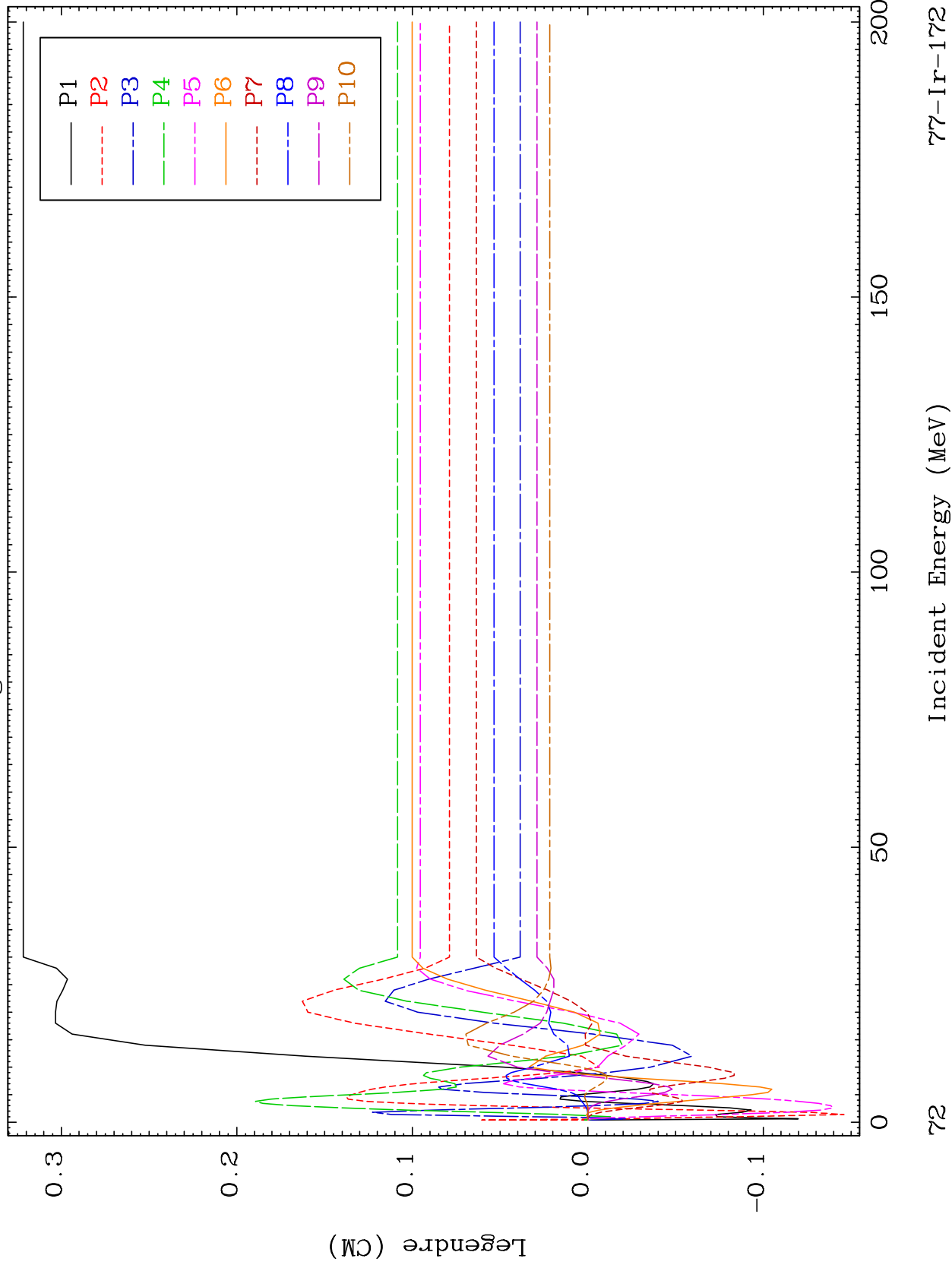
77-Ir-172



MAT 7668

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

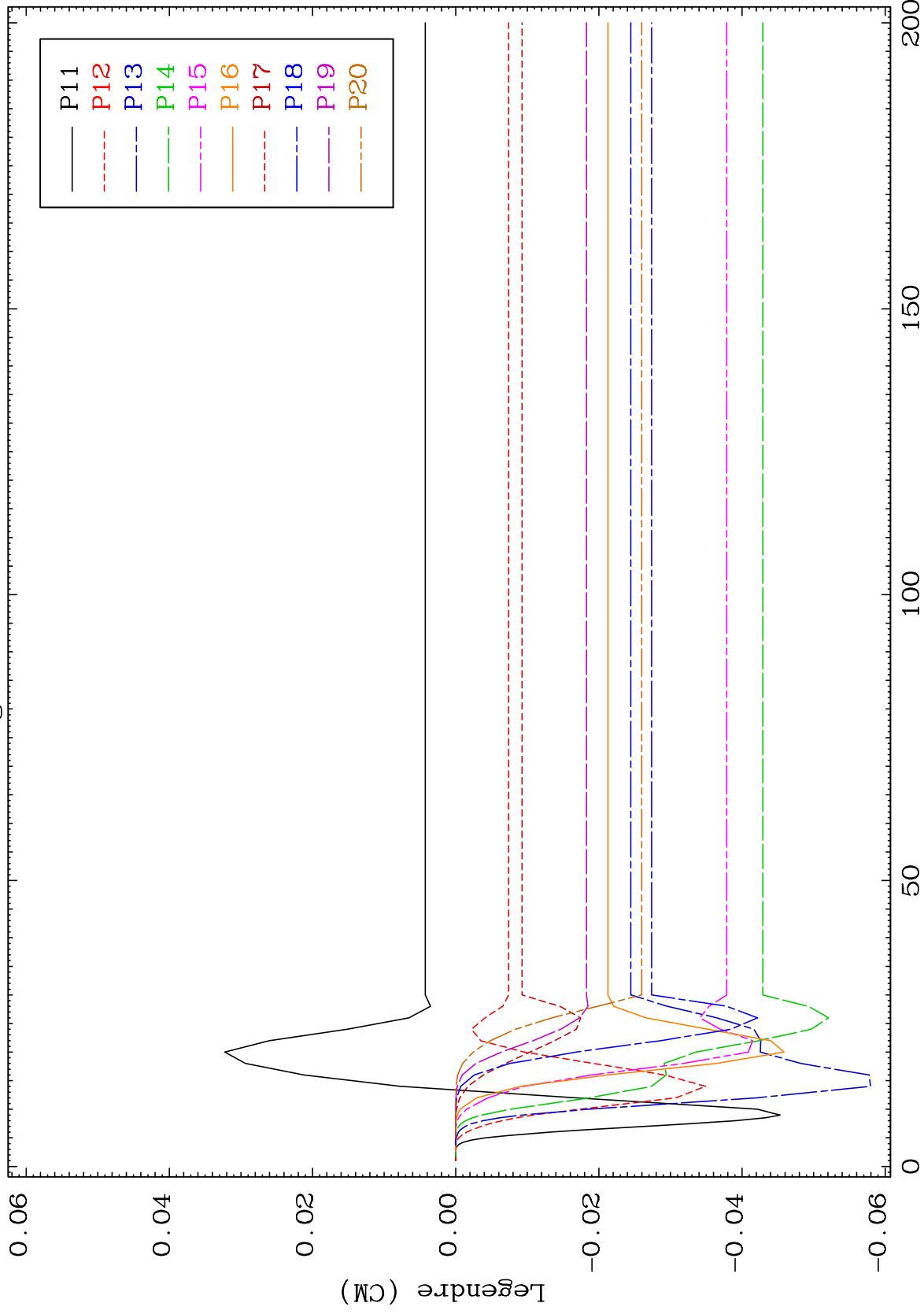
77-Ir-172



MAT 7668

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

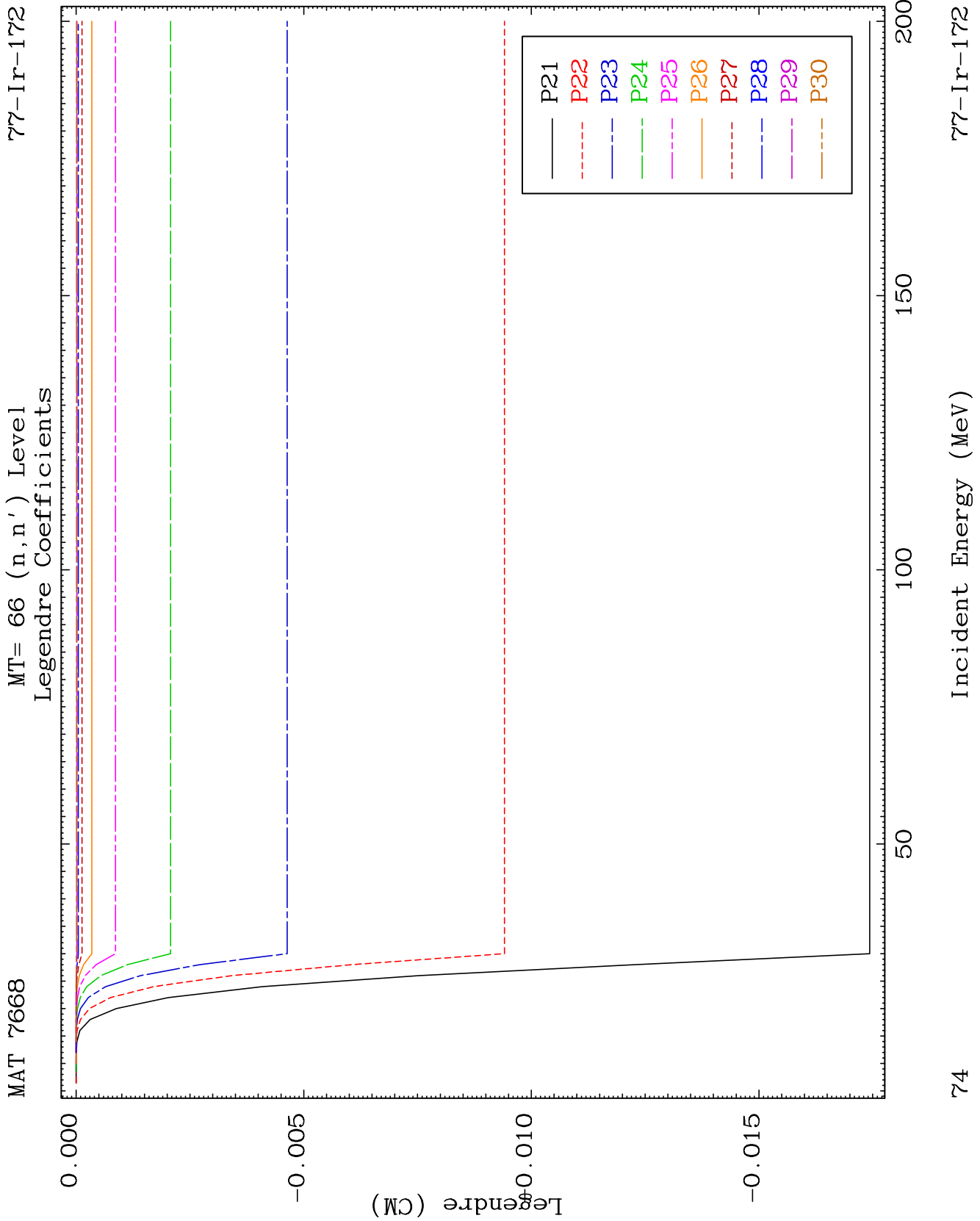
77-Ir-172



73

Incident Energy (MeV)

77-Ir-172

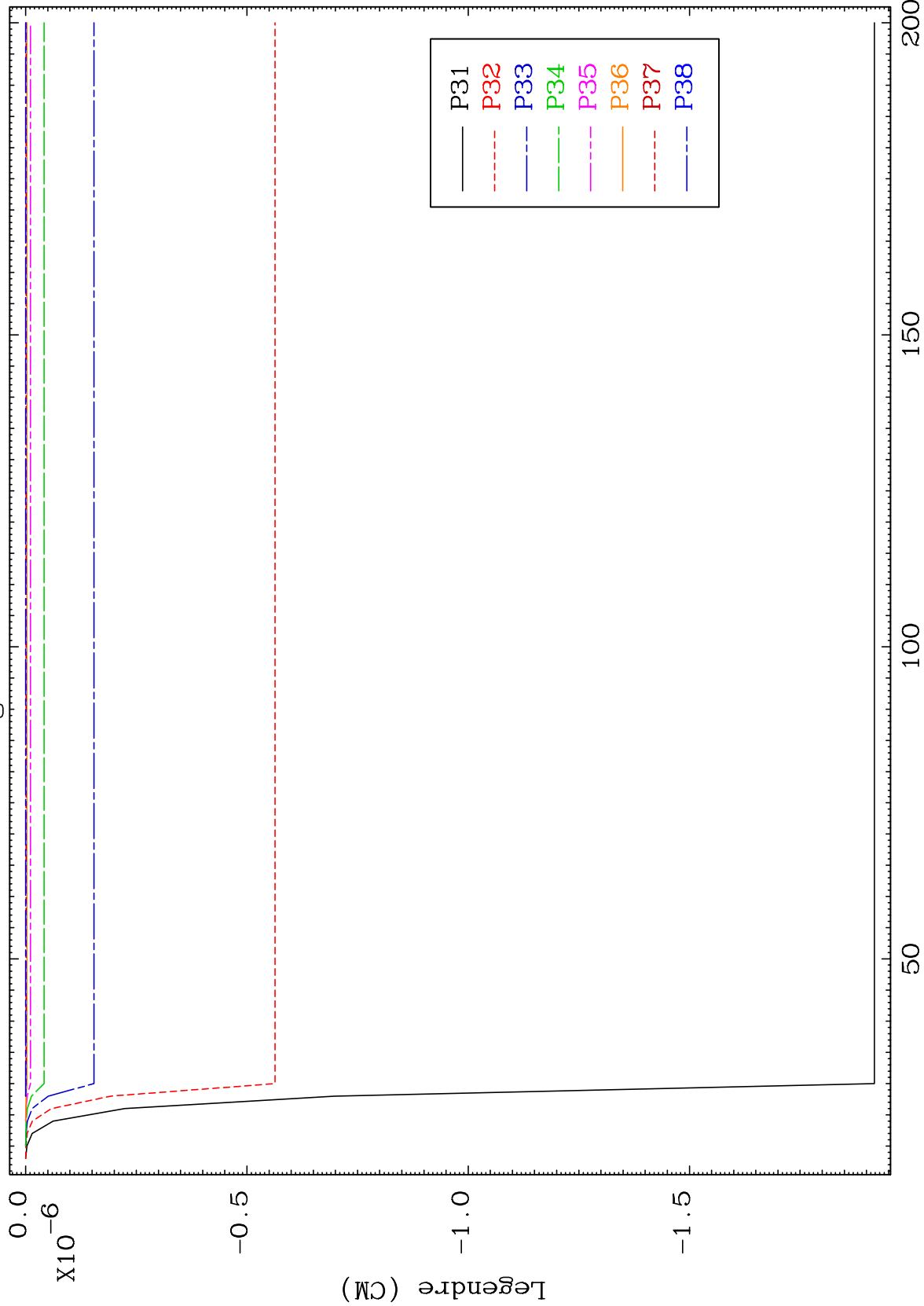


MAT 7668

MT= 66 (n,n') Level

77-Ir-172

Legendre Coefficients



75

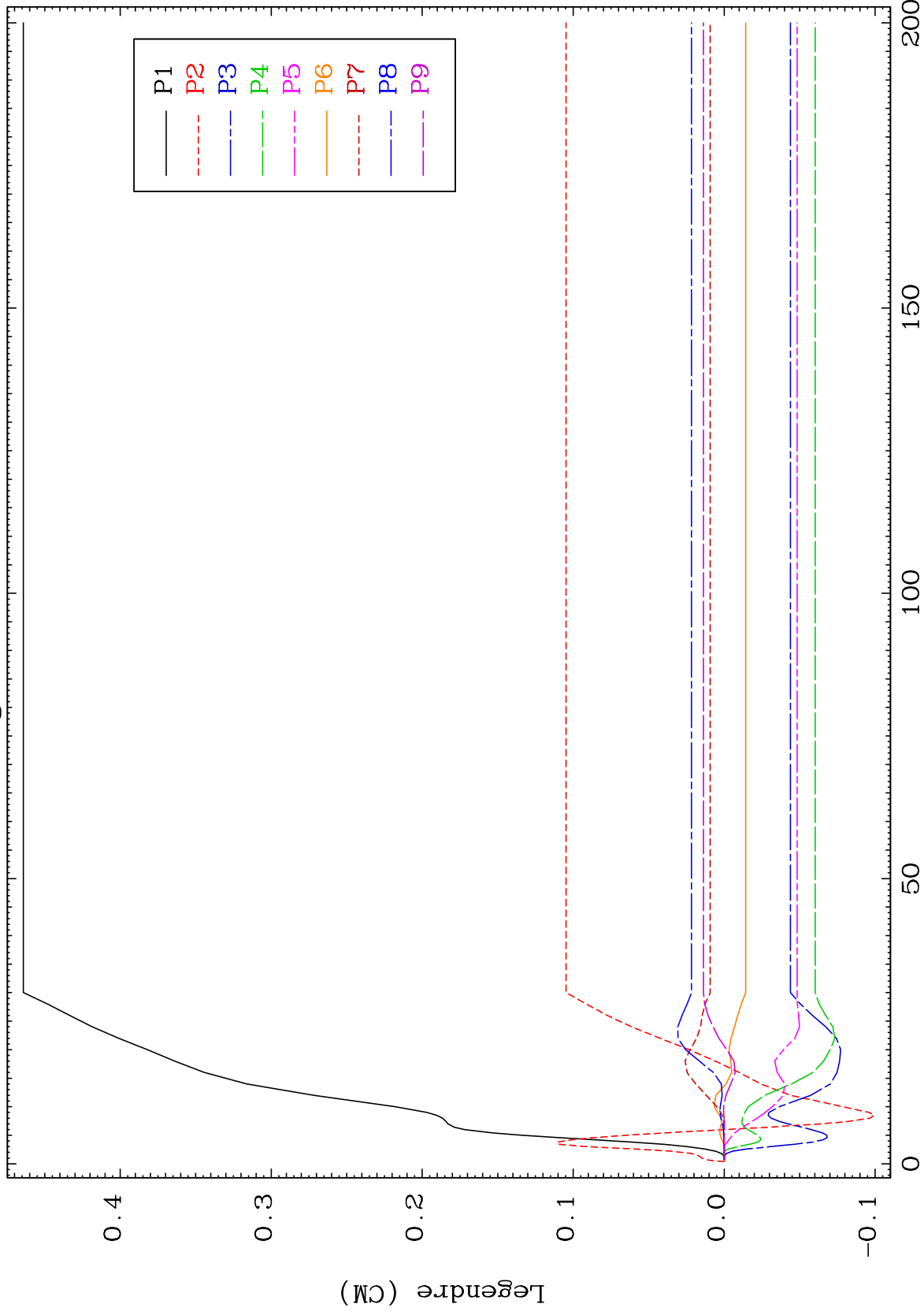
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 67 (n,n') Level
Legendre Coefficients

77-Ir-172



76

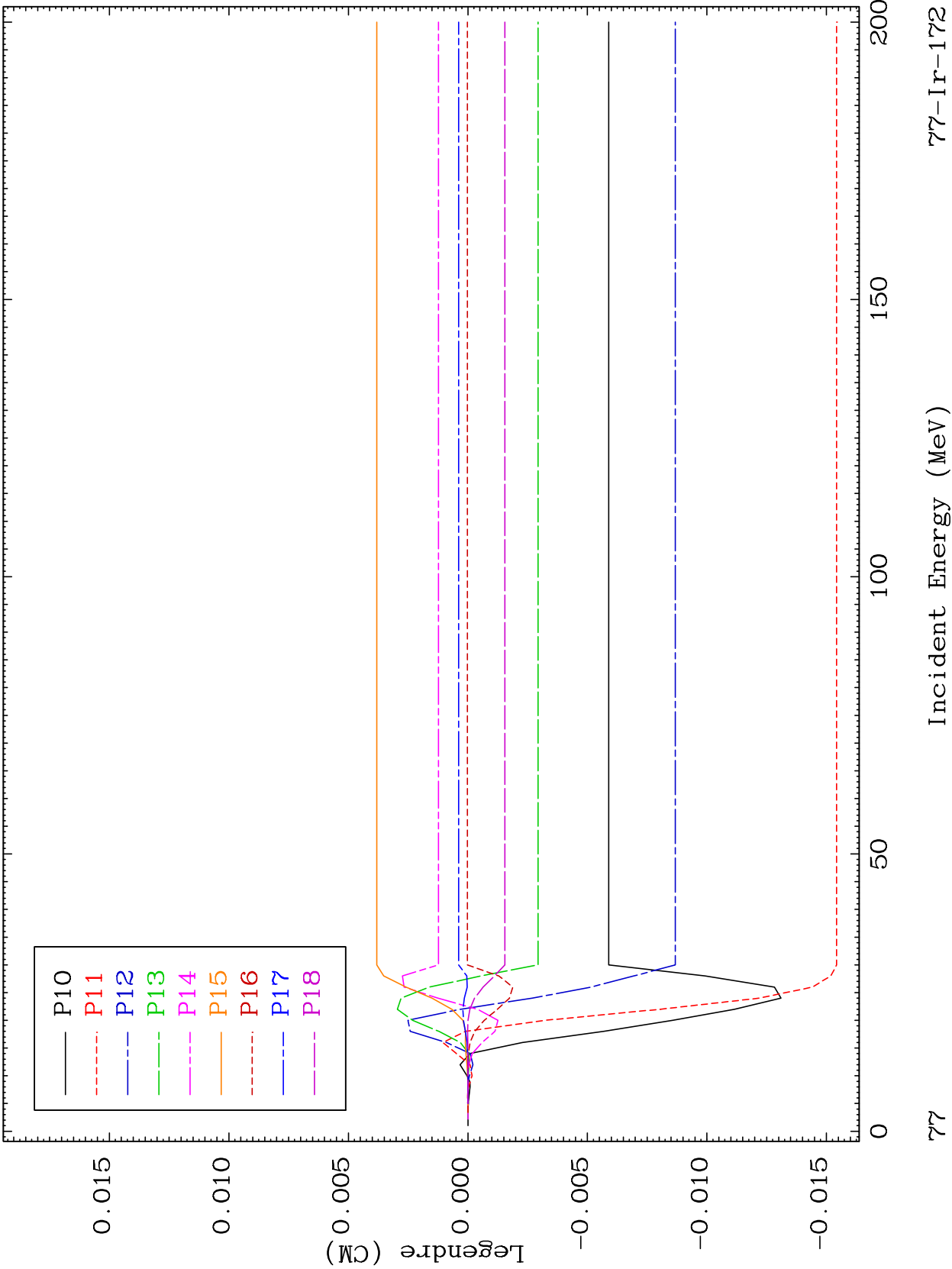
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 67 (n,n') Level
Legendre Coefficients

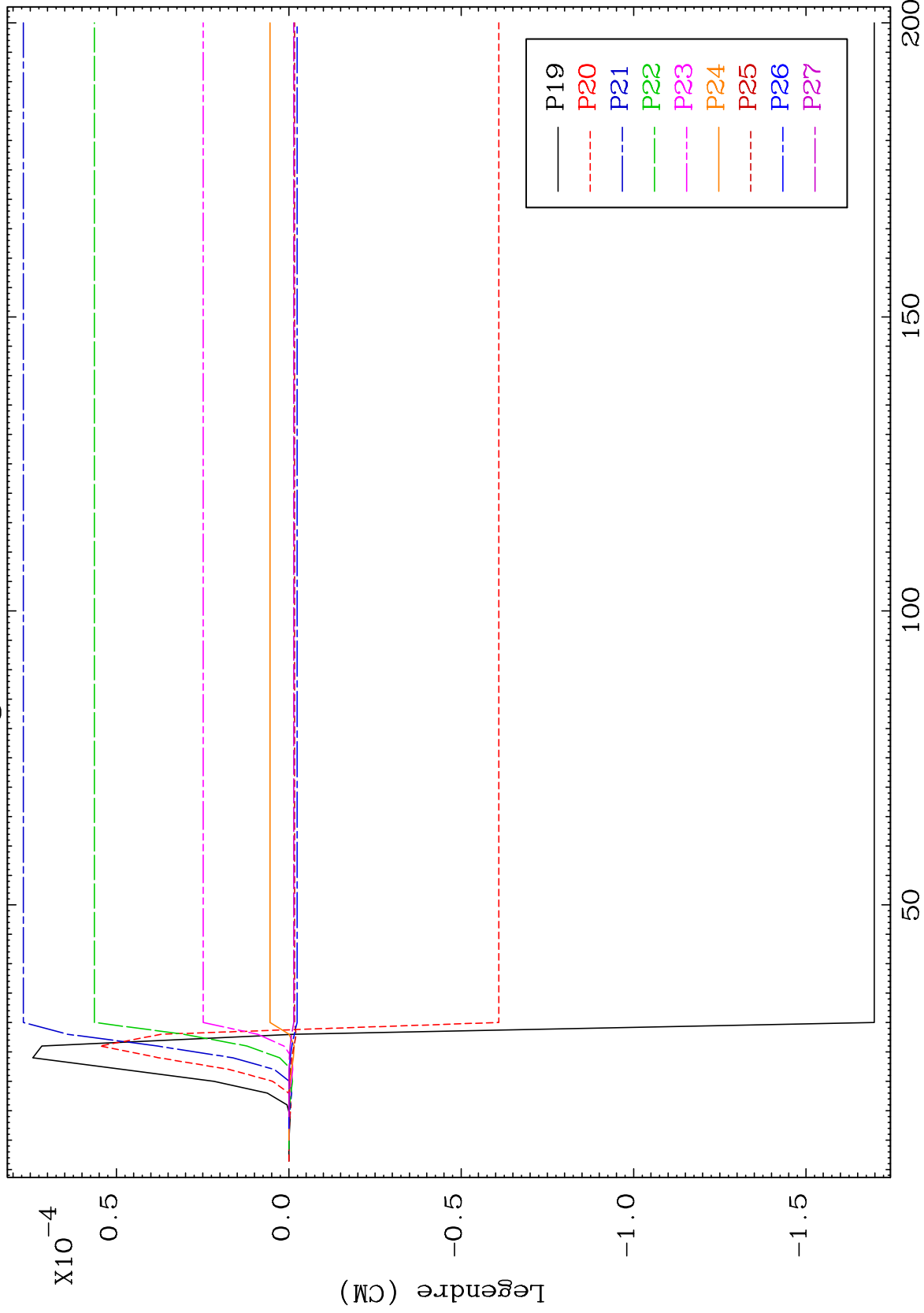
77-Ir-172



77

Incident Energy (MeV)

77-Ir-172

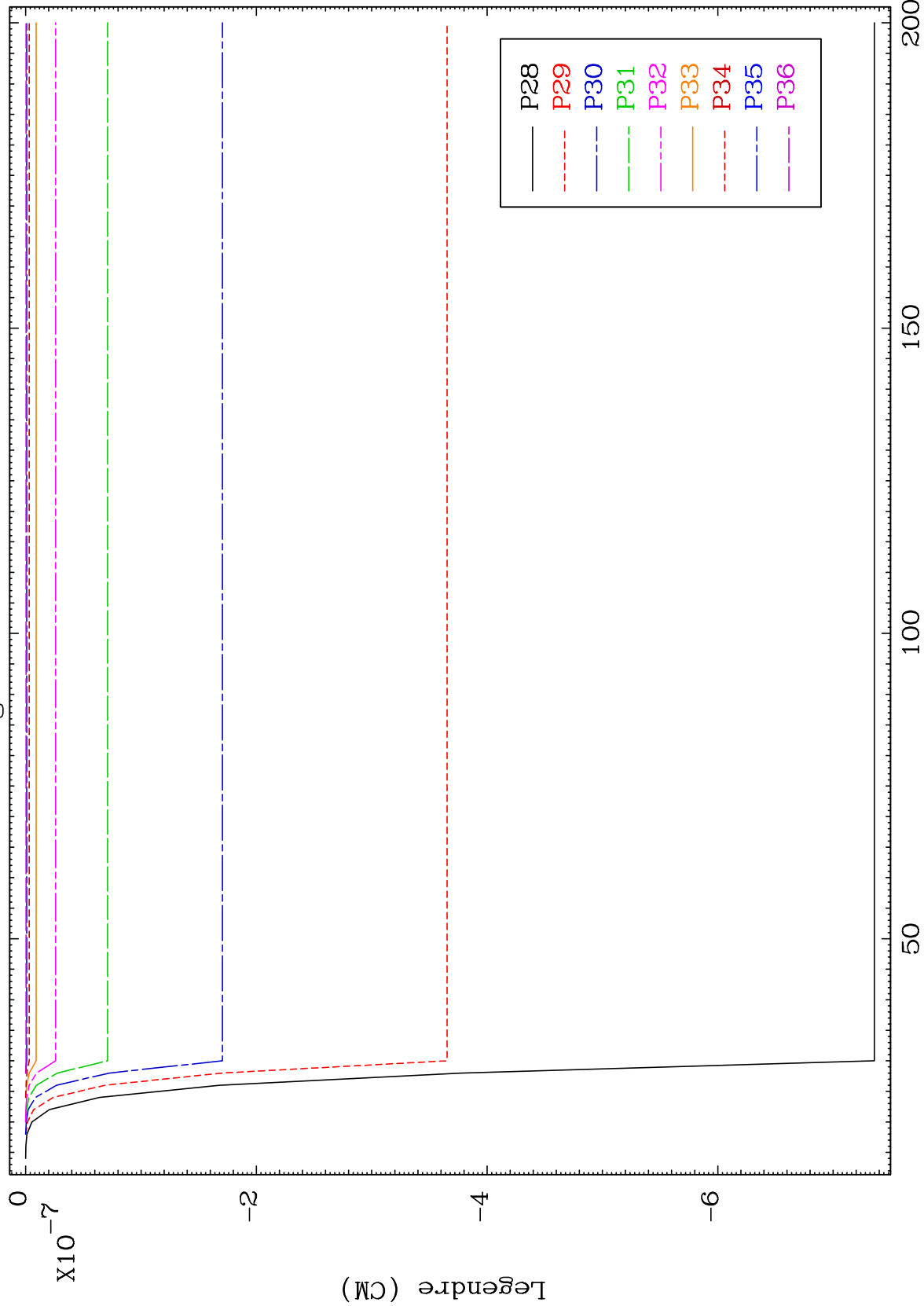


MAT 7668

MT= 67 (n,n') Level

77-Ir-172

Legendre Coefficients



79

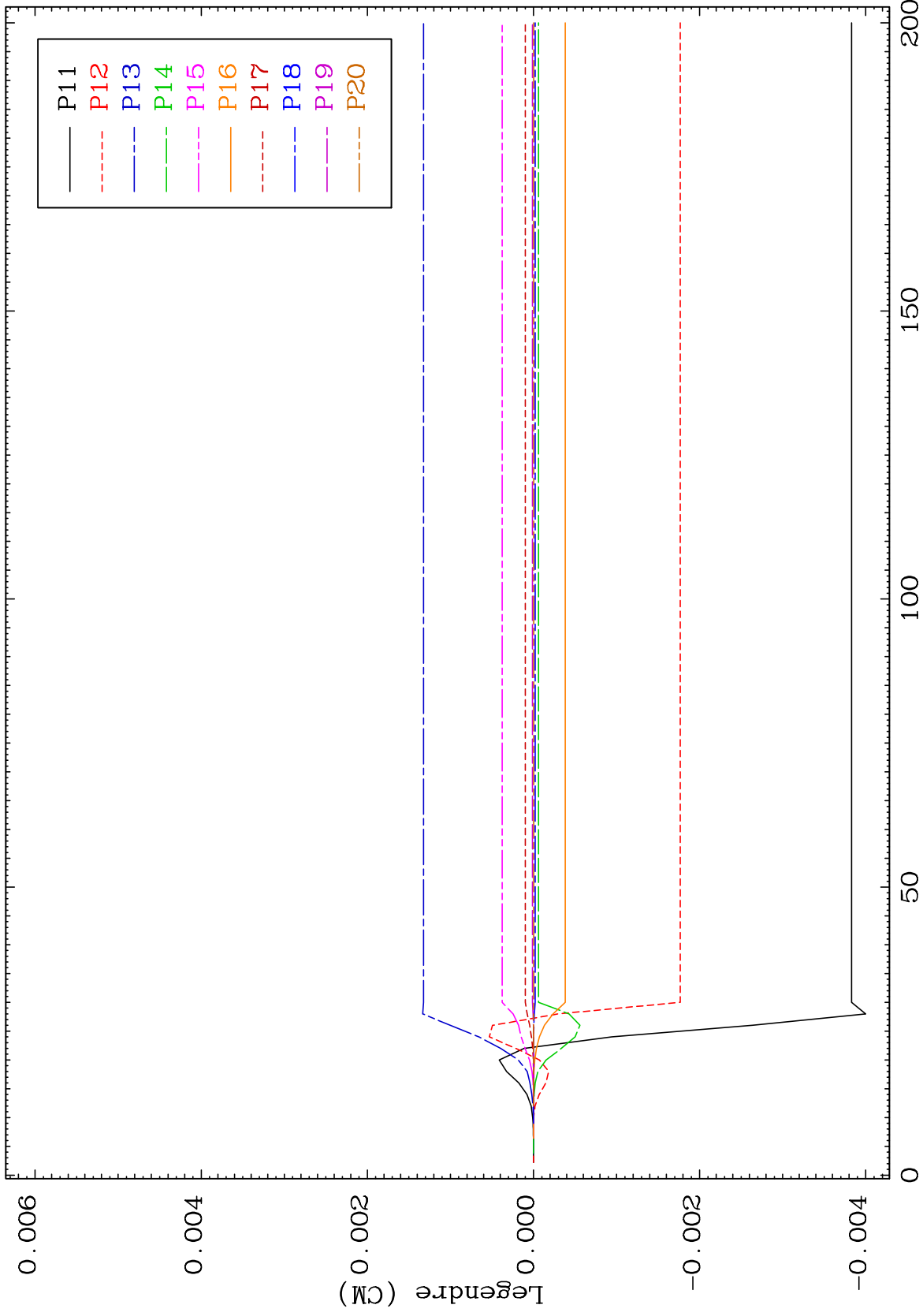
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 68 (n,n') Level
Legendre Coefficients

77-Ir-172



81

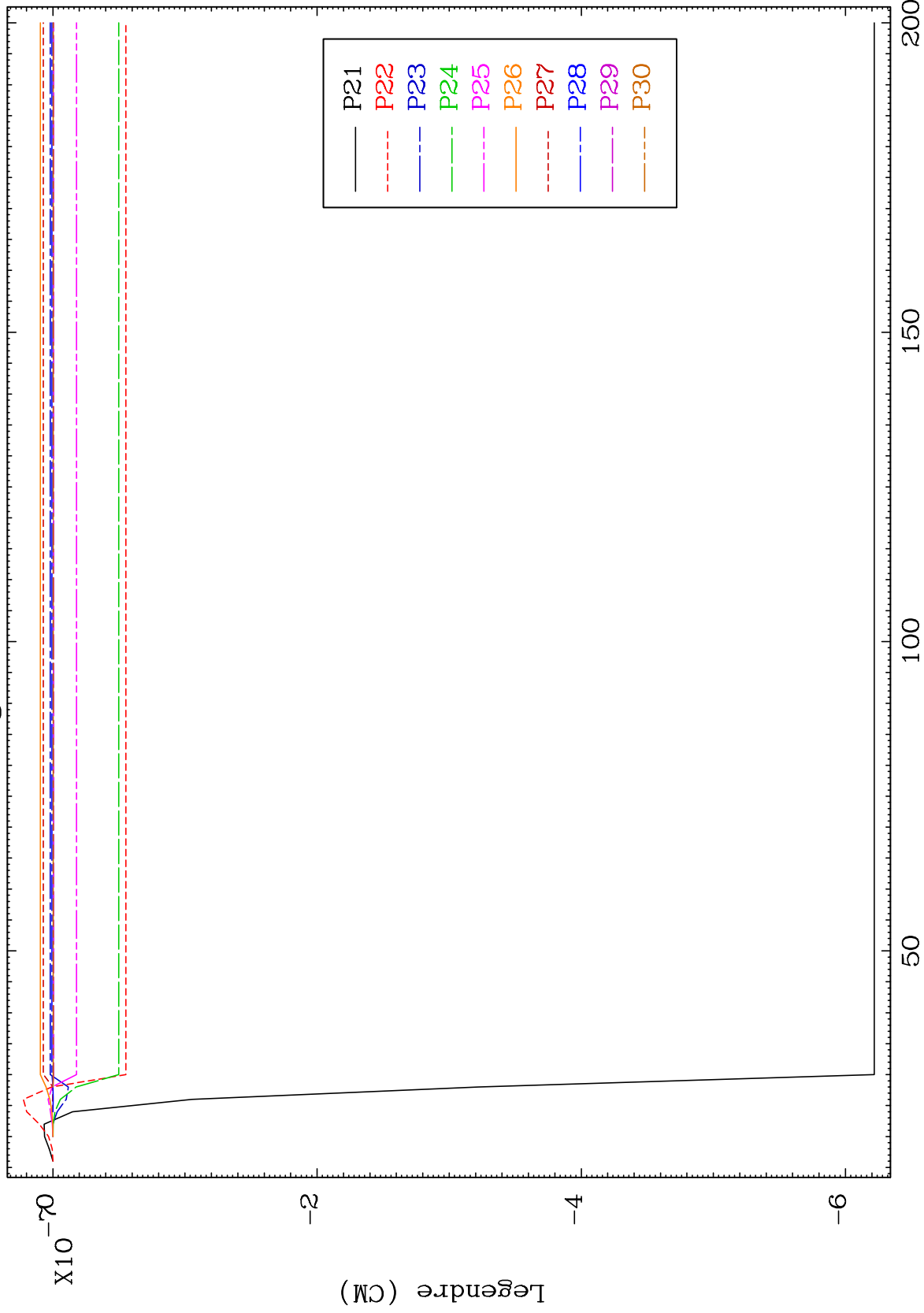
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 68 (n,n') Level
Legendre Coefficients

77-Ir-172



82

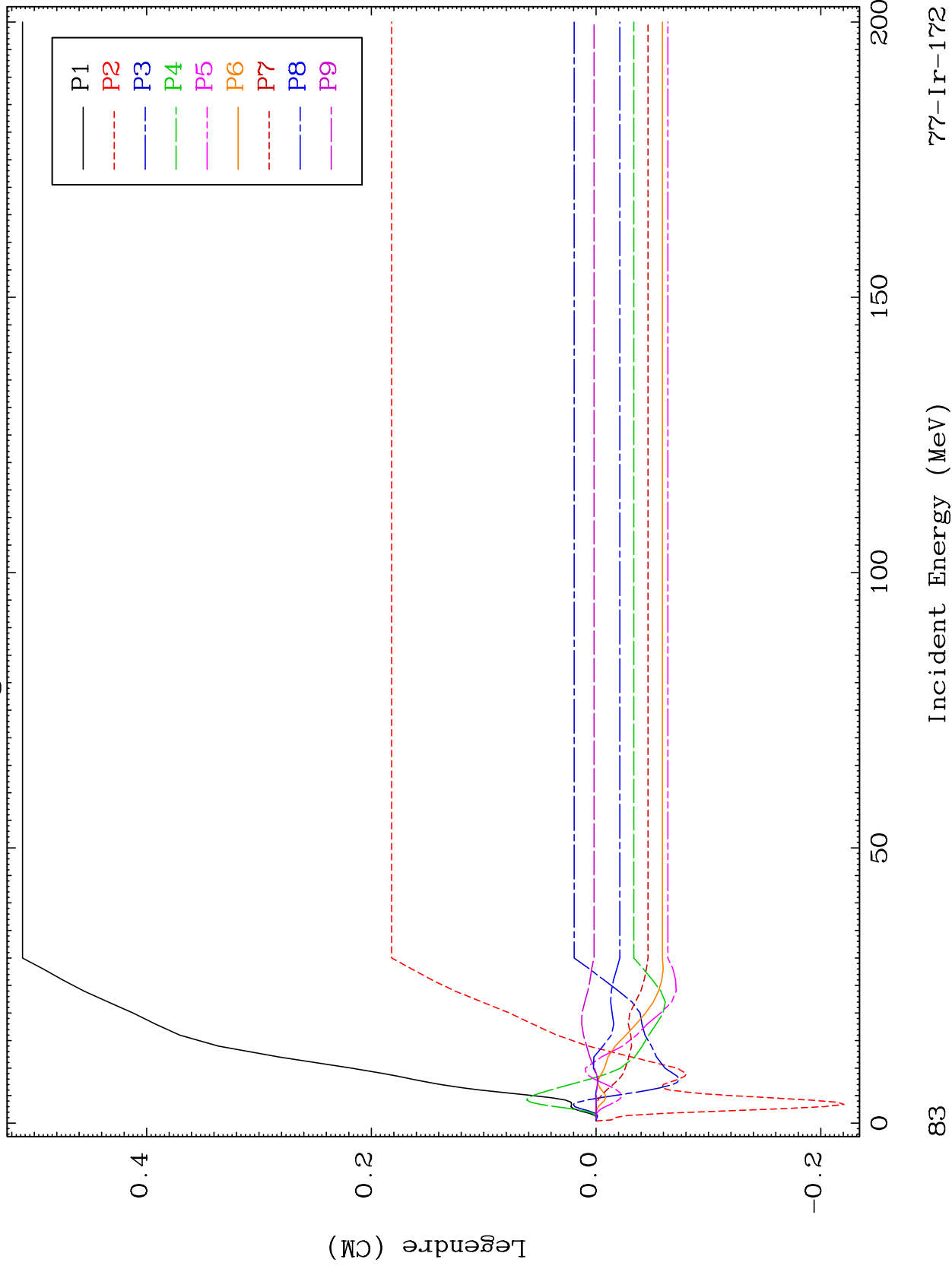
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 69 (n,n') Level
Legendre Coefficients

77-Ir-172



83

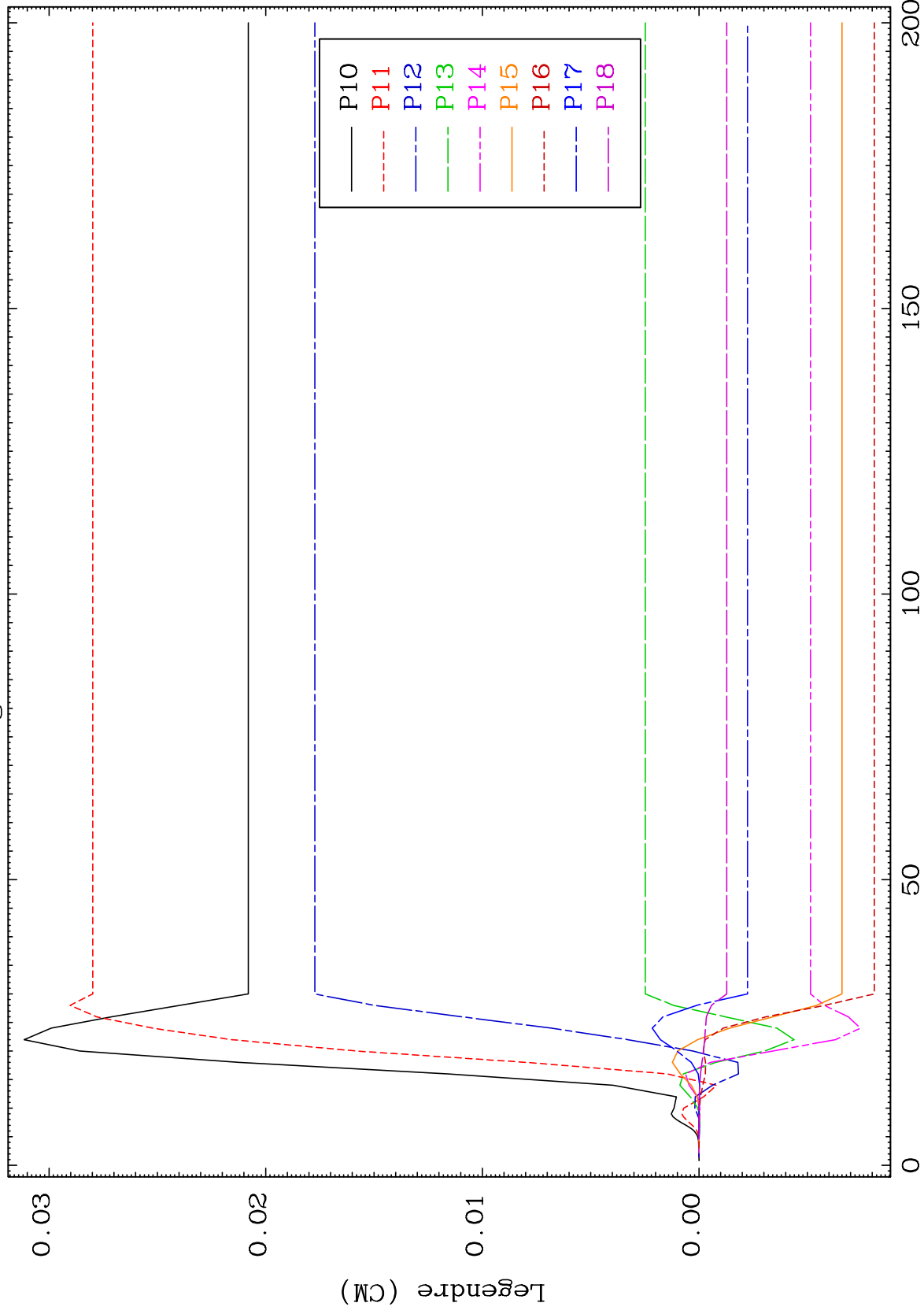
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 69 (n,n') Level
Legendre Coefficients

77-Ir-172



84

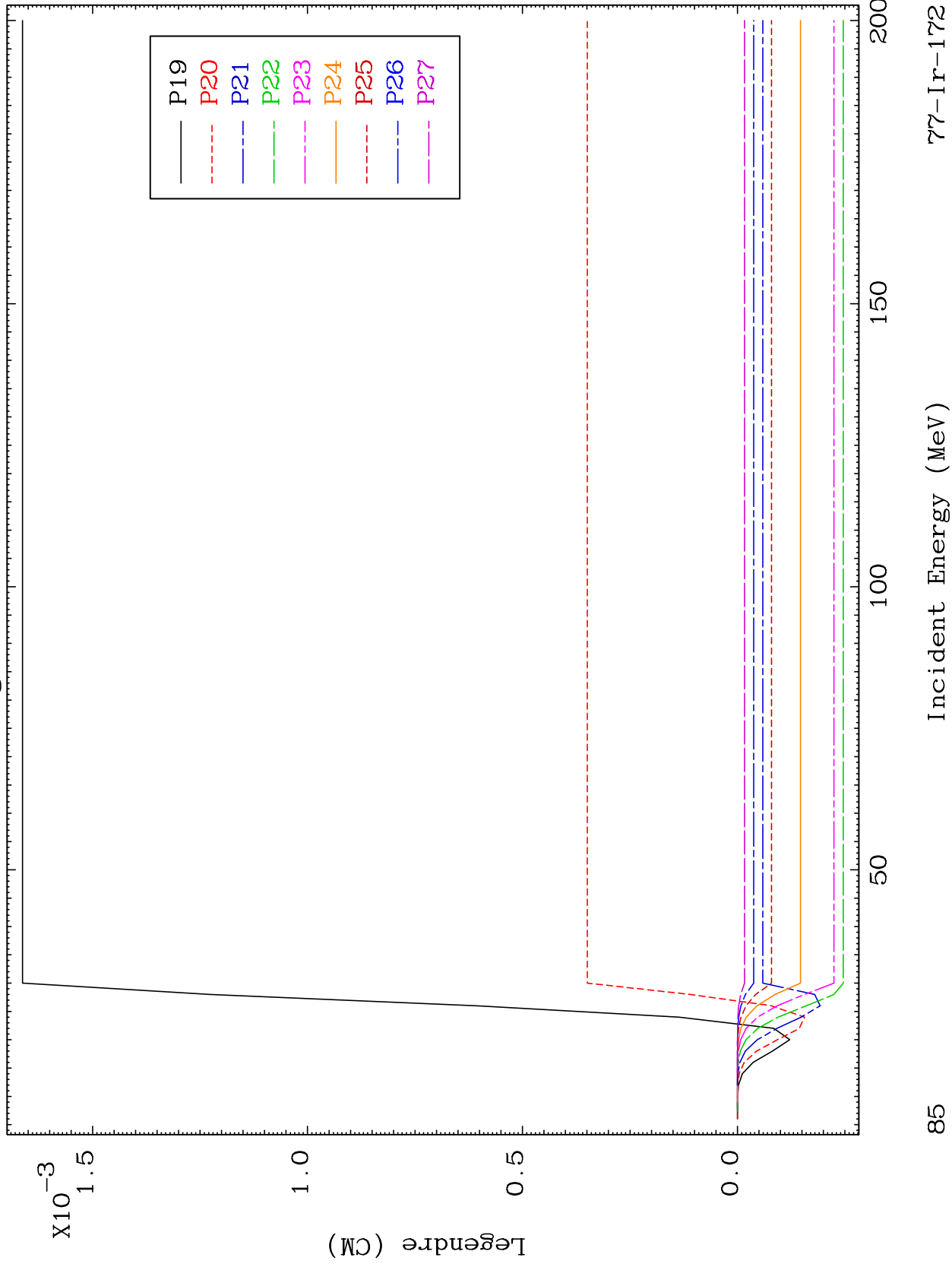
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 69 (n,n') Level
Legendre Coefficients

77-Ir-172



85

Incident Energy (MeV)

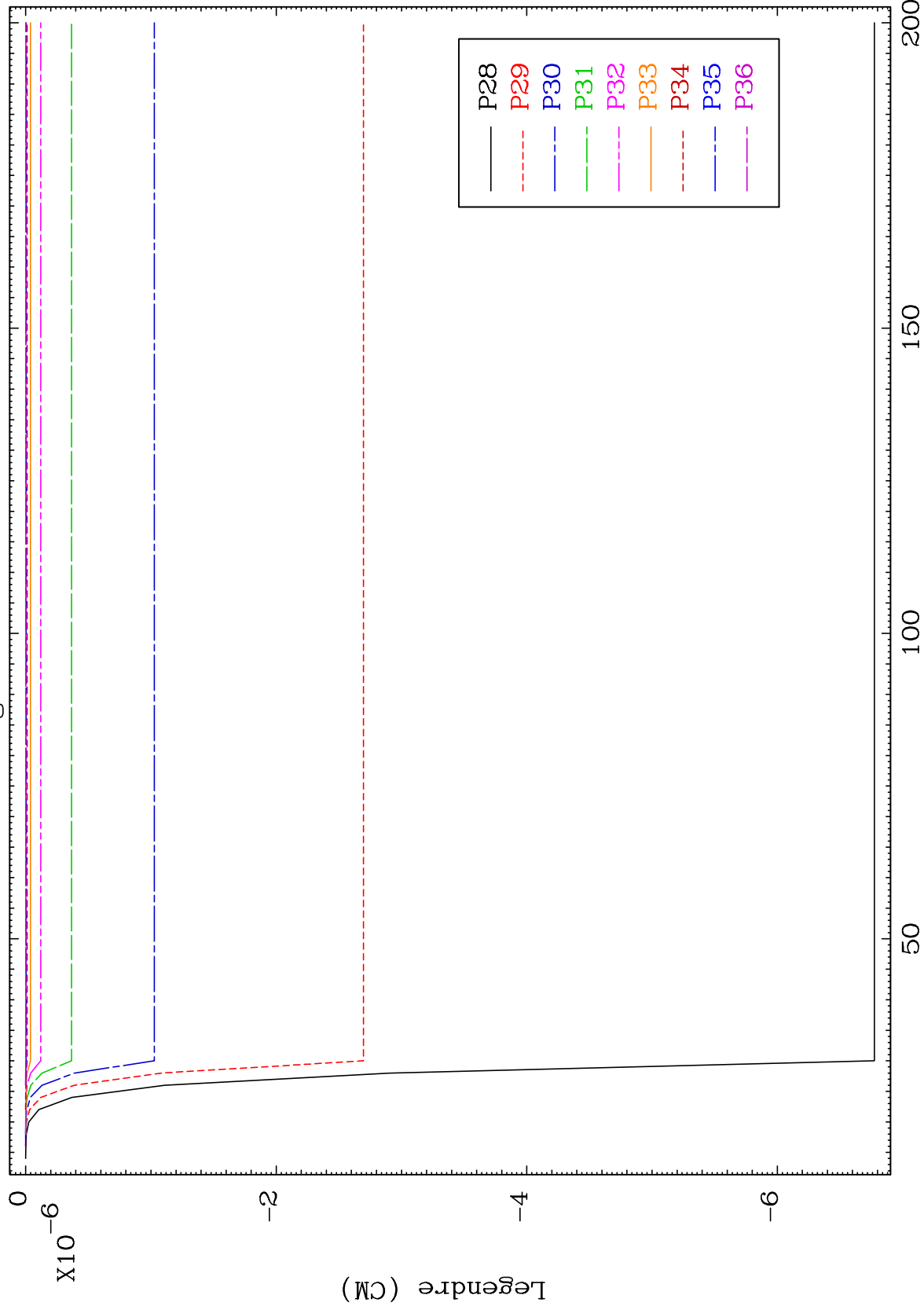
77-Ir-172

MAT 7668

MT= 69 (n,n') Level

77-Ir-172

Legendre Coefficients



86

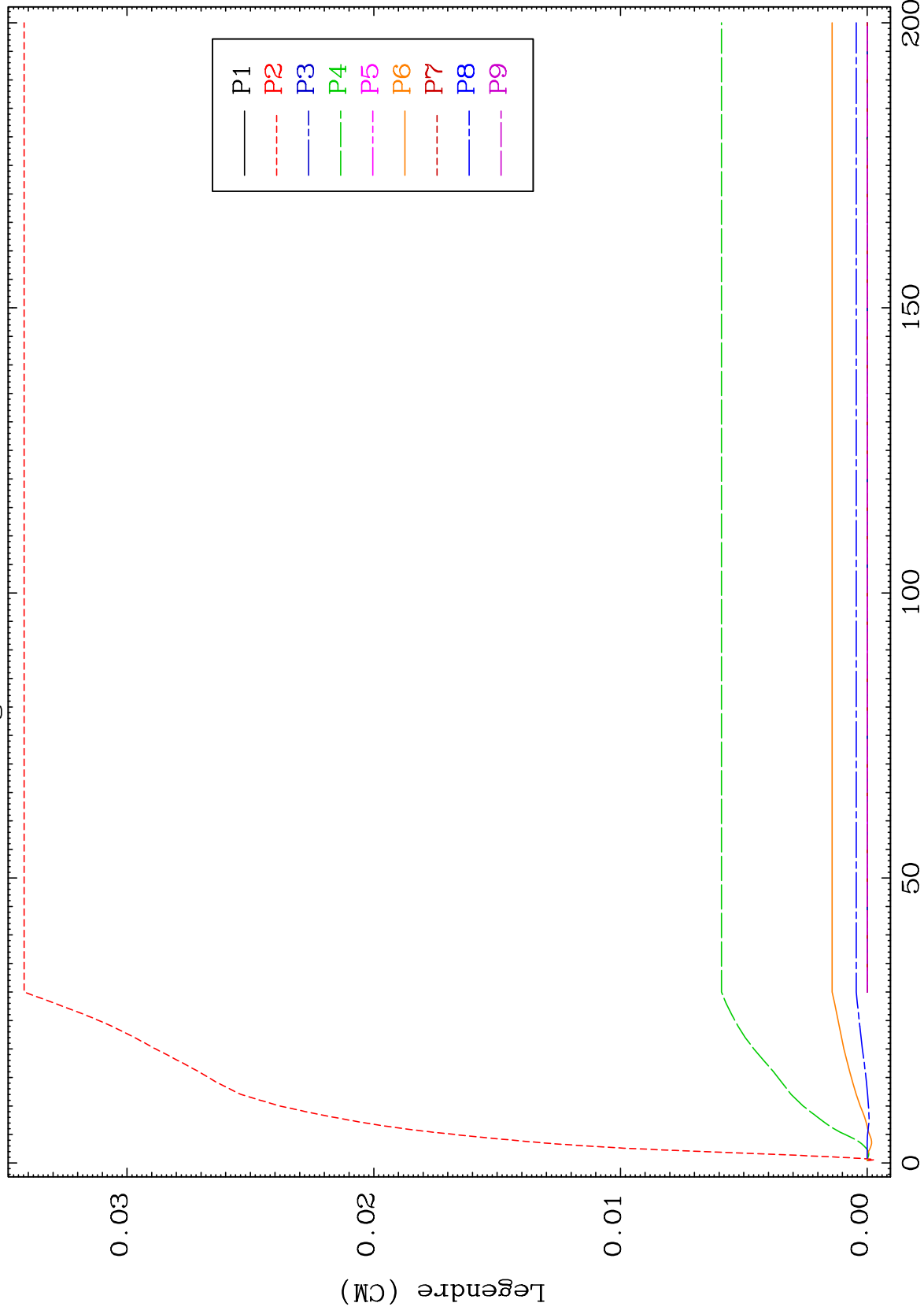
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 70 (n,n') Level
Legendre Coefficients

77-Ir-172



87

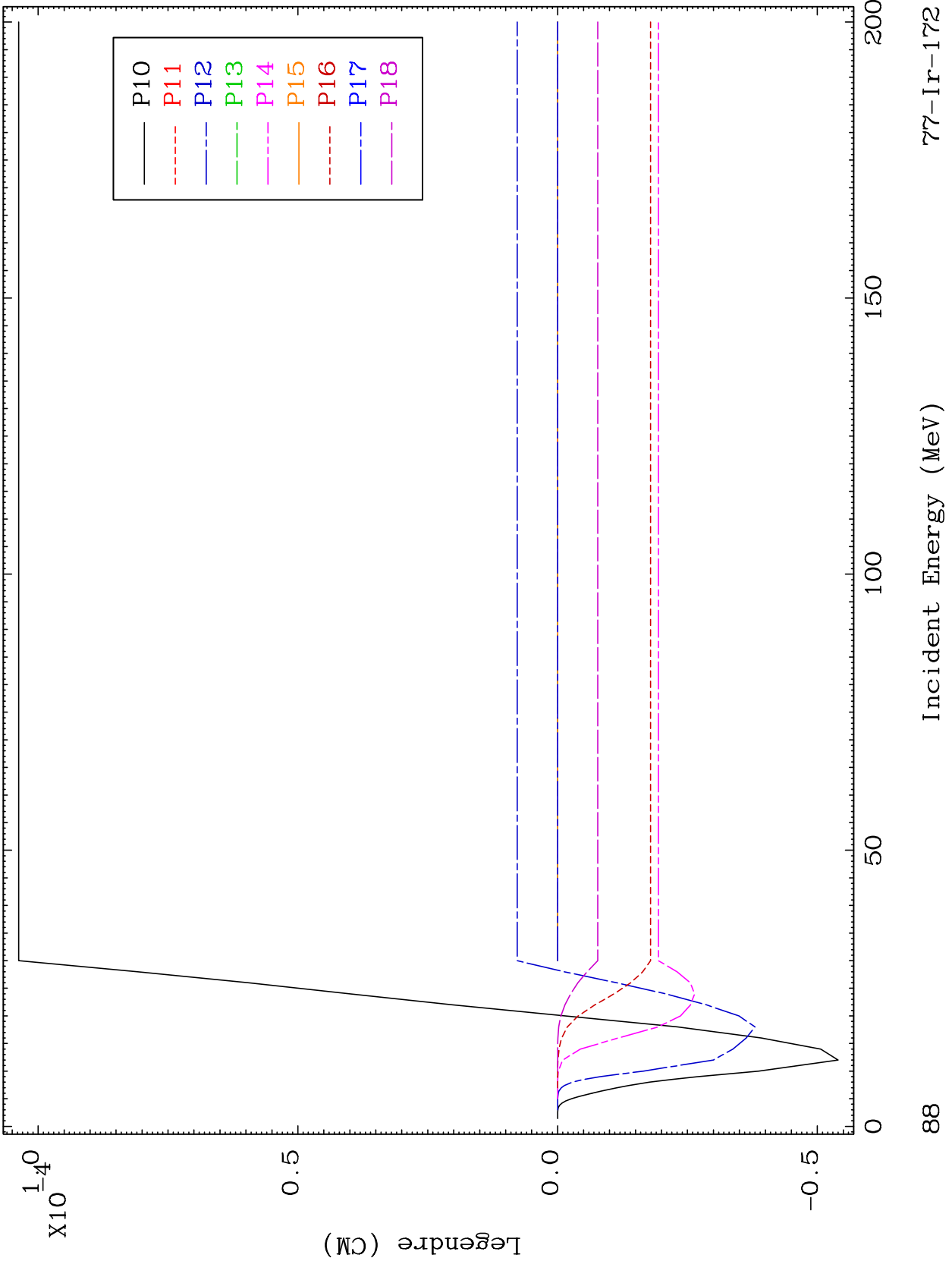
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 70 (n,n') Level
Legendre Coefficients

77-Ir-172



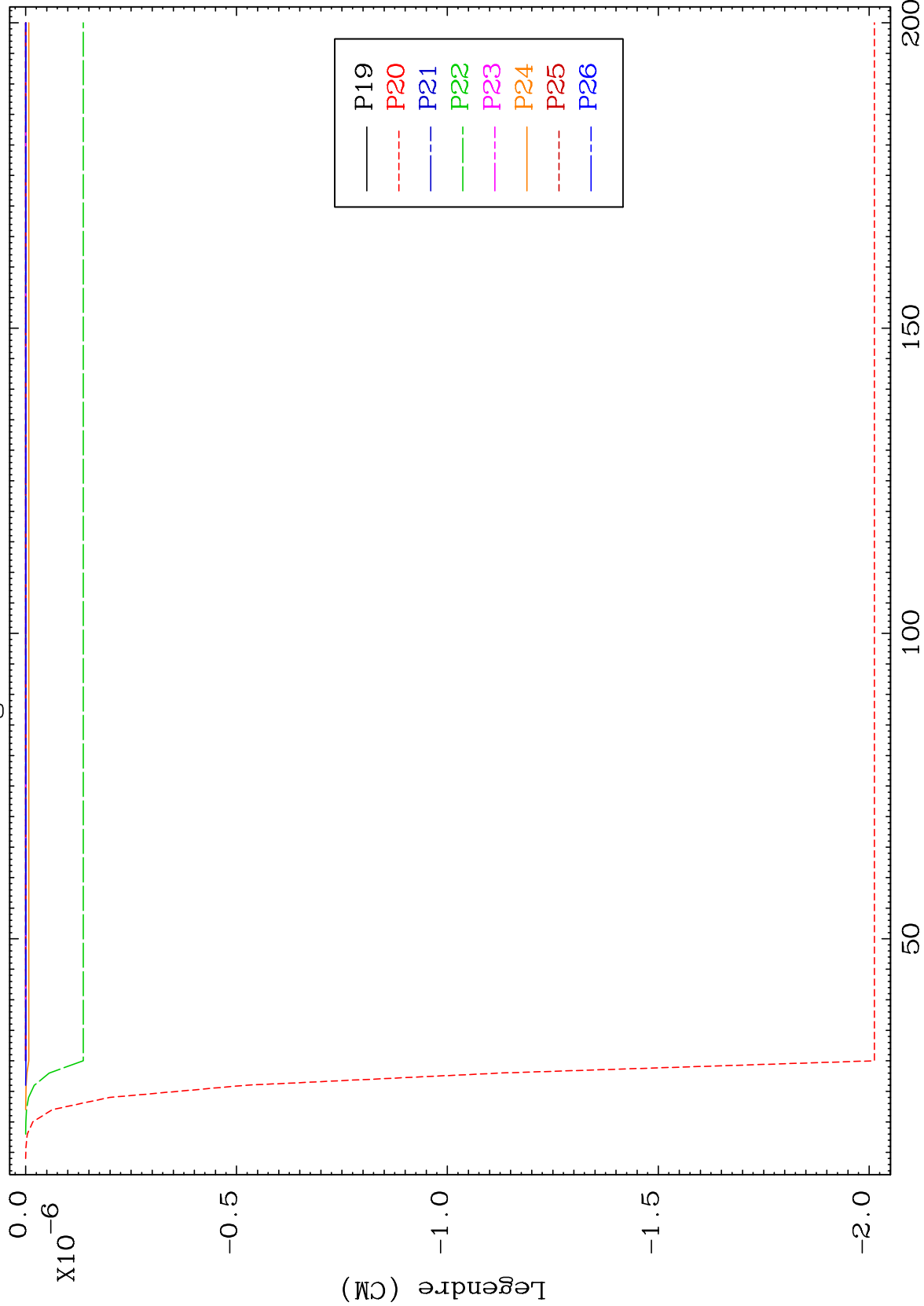
88

77-Ir-172

MAT 7668

MT= 70 (n,n') Level
Legendre Coefficients

77-Ir-172



89

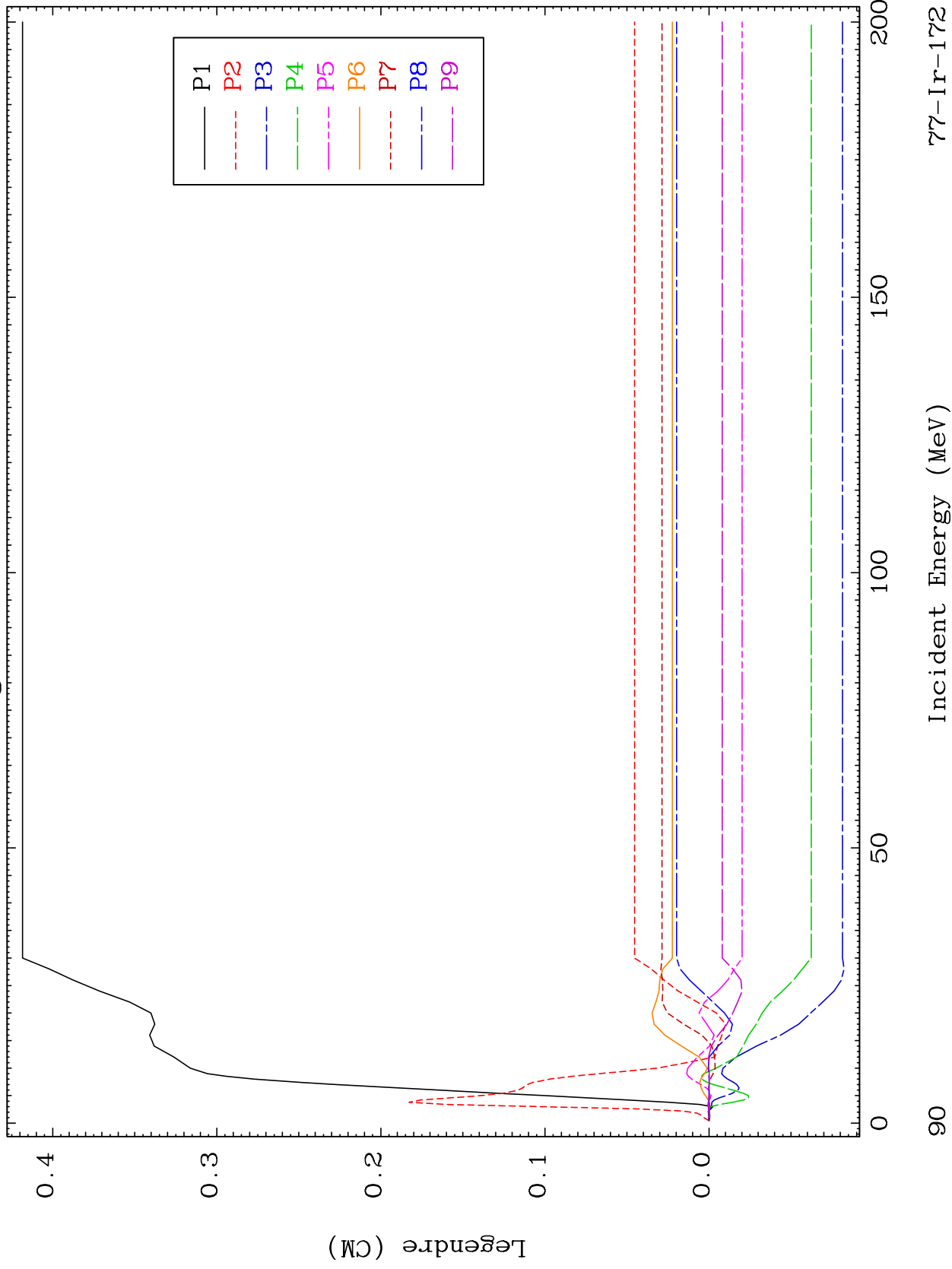
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 71 (n,n') Level
Legendre Coefficients

77-Ir-172

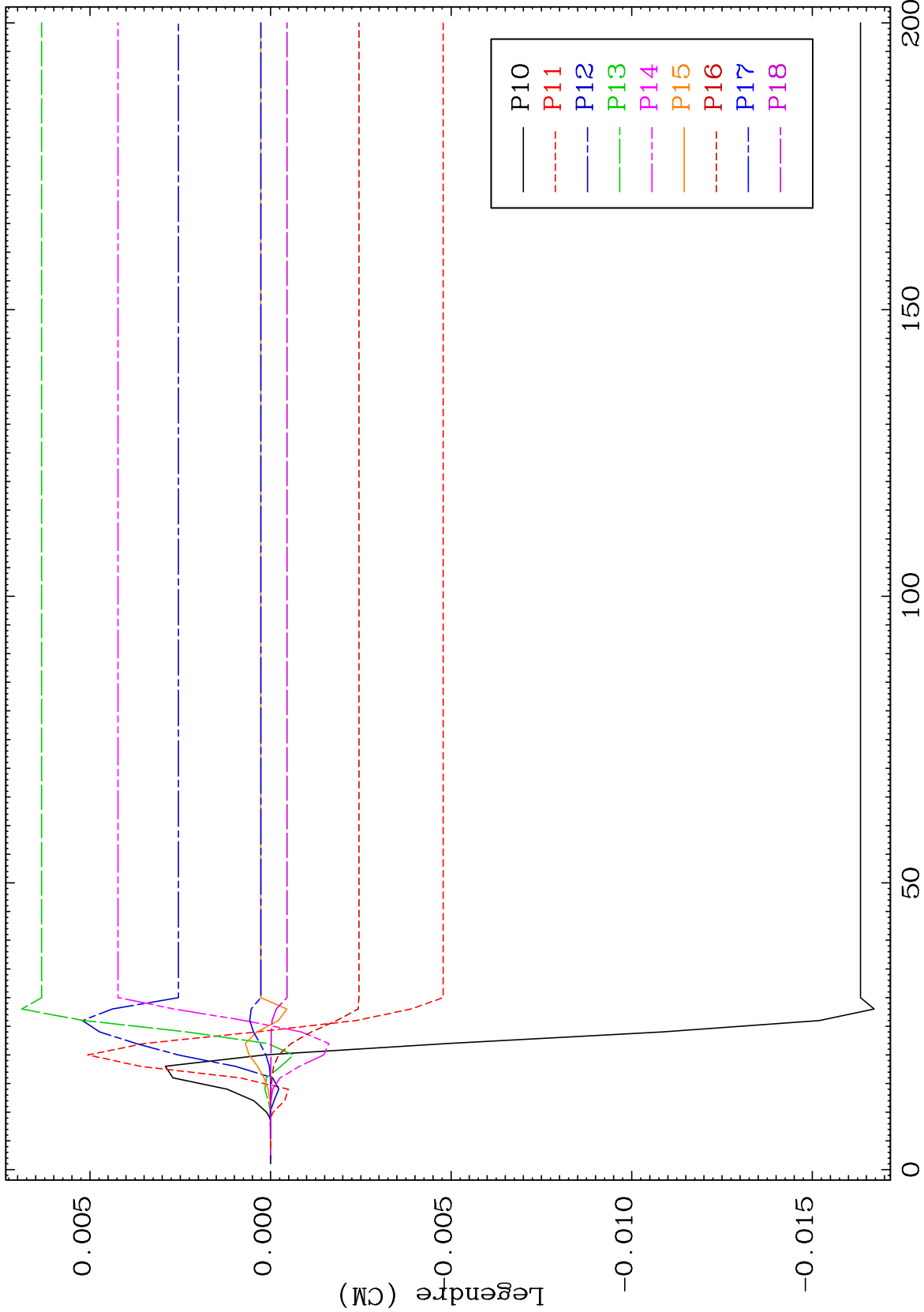


77-Ir-172

MAT 7668

MT= 71 (n,n') Level
Legendre Coefficients

77-Ir-172



91

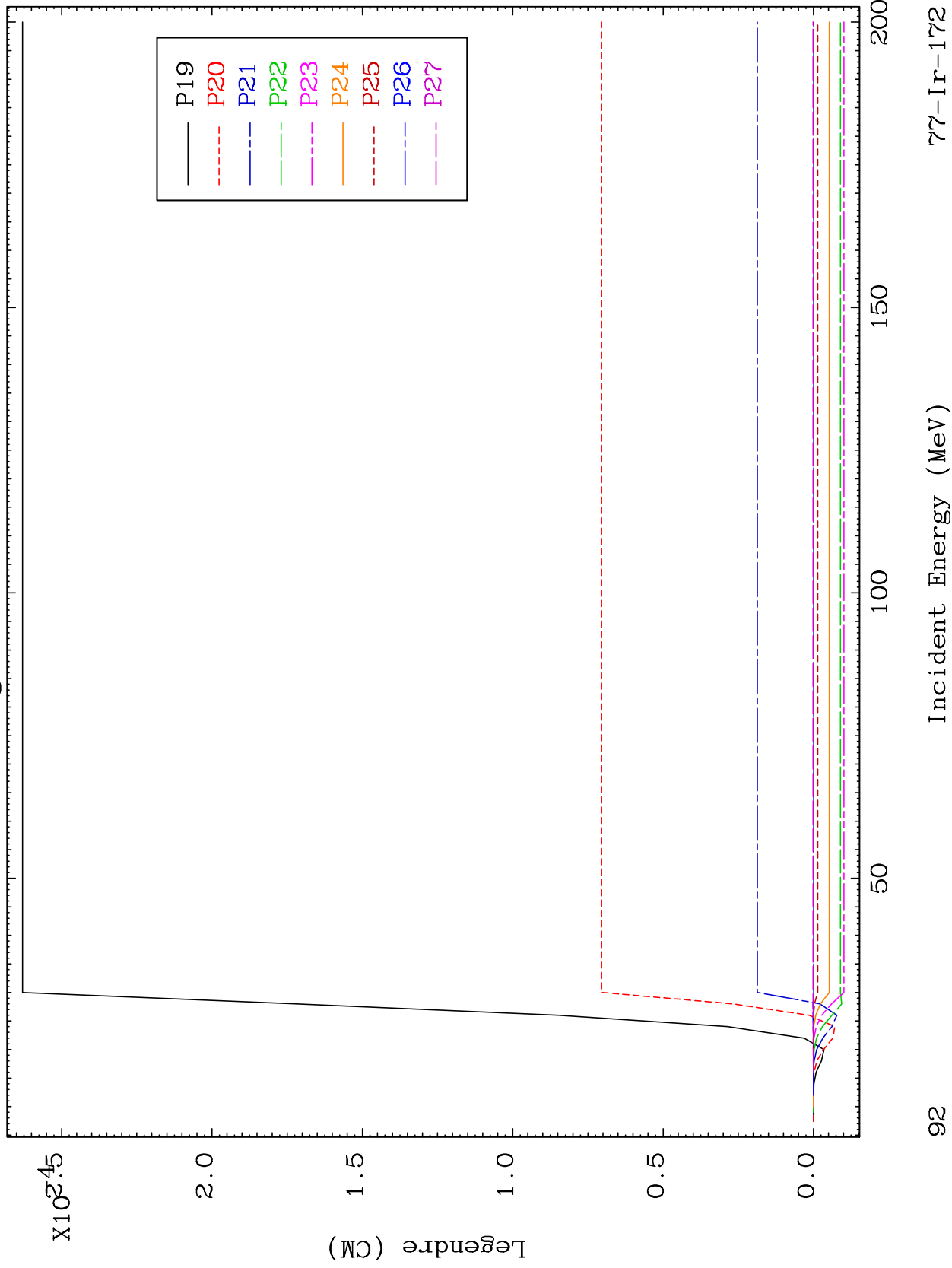
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 71 (n,n') Level
Legendre Coefficients

77-Ir-172

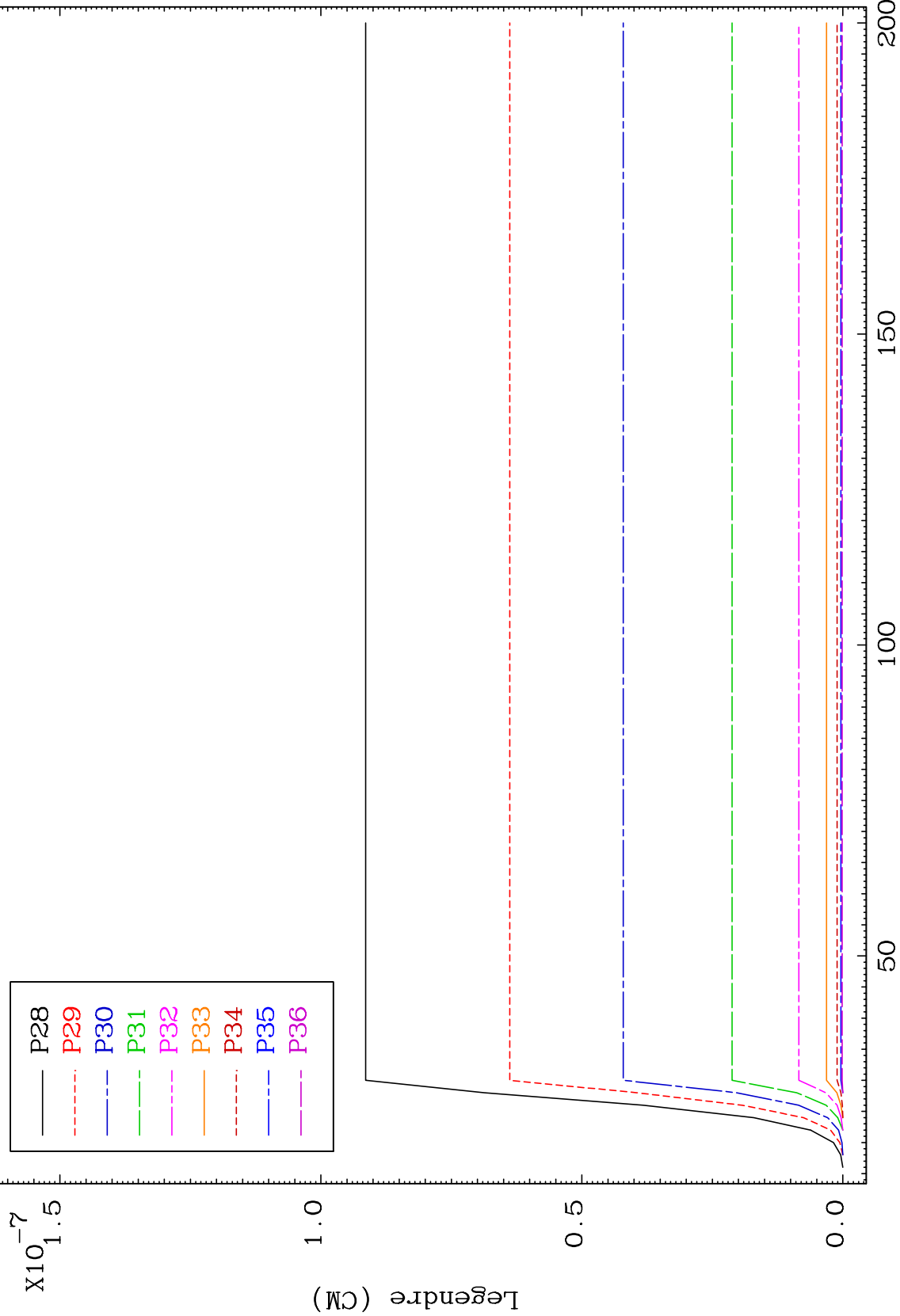
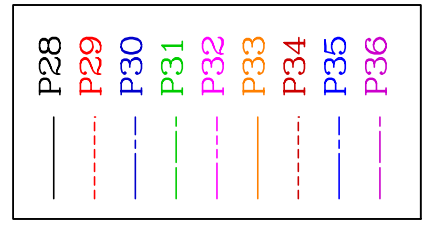


92

MAT 7668

MT= 71 (n,n') Level
Legendre Coefficients

77-Ir-172



93

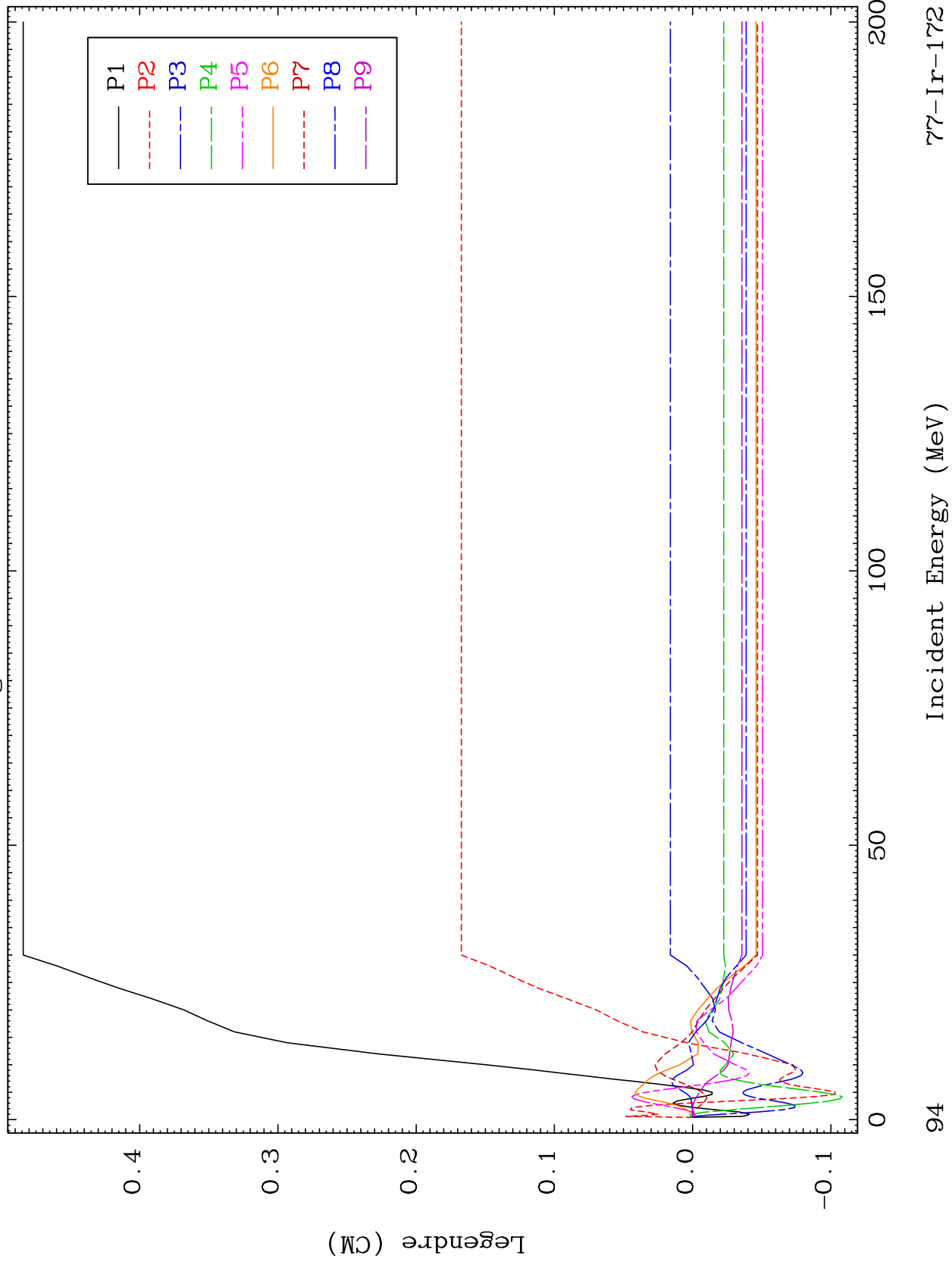
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 72 (n,n') Level
Legendre Coefficients

77-Ir-172



77-Ir-172

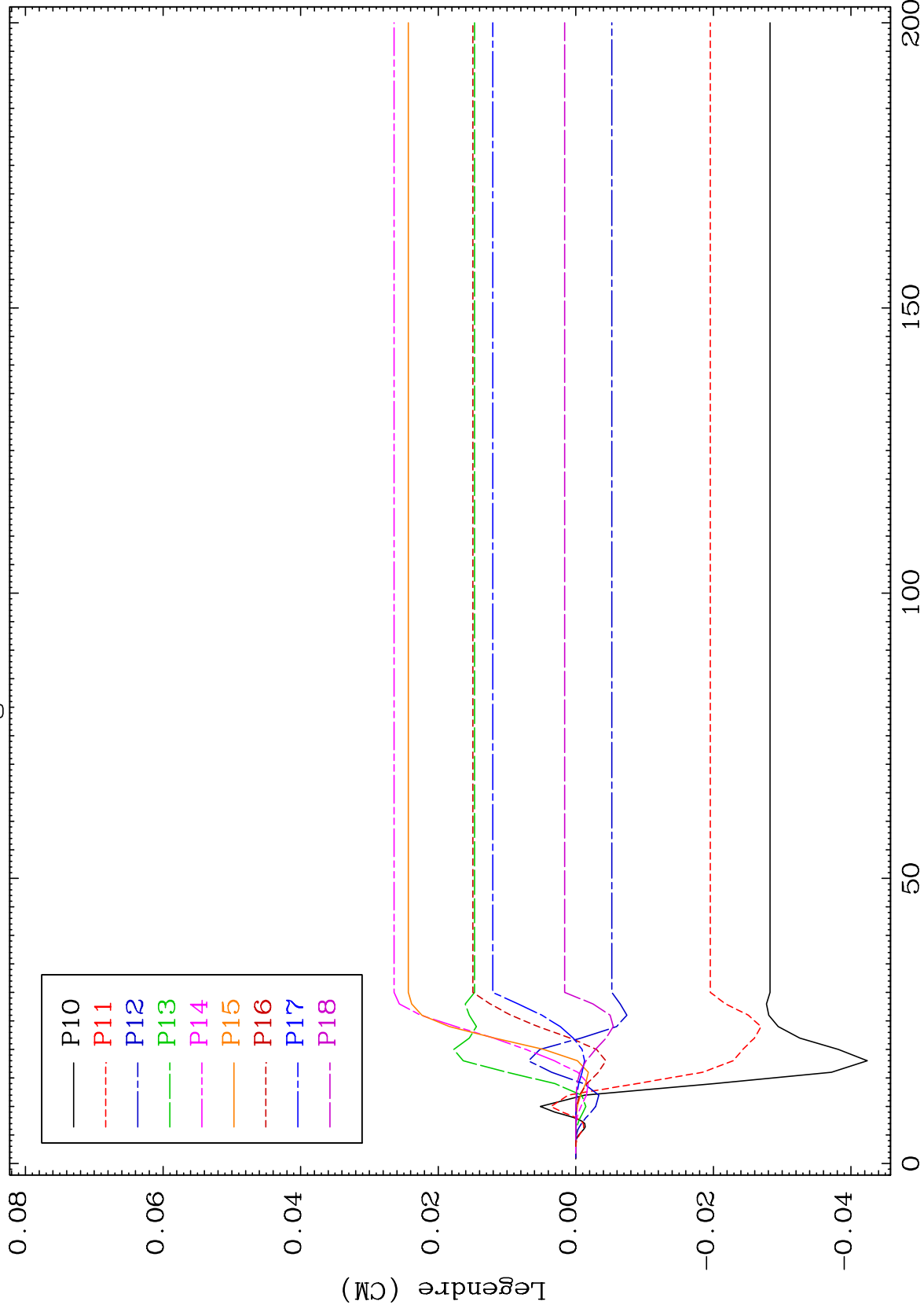
Incident Energy (MeV)

94

MAT 7668

MT= 72 (n,n') Level
Legendre Coefficients

77-Ir-172



95

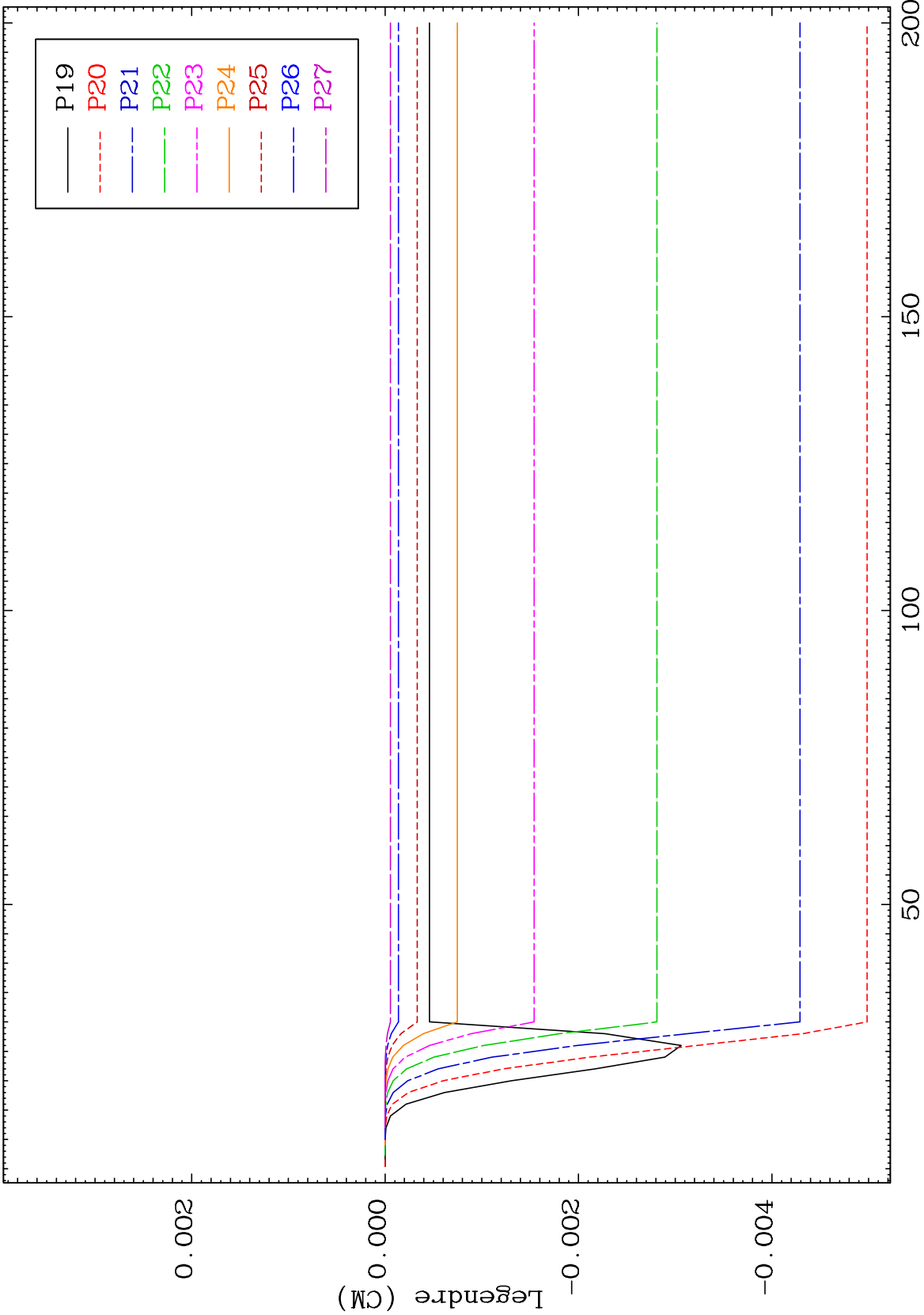
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 72 (n,n') Level
Legendre Coefficients

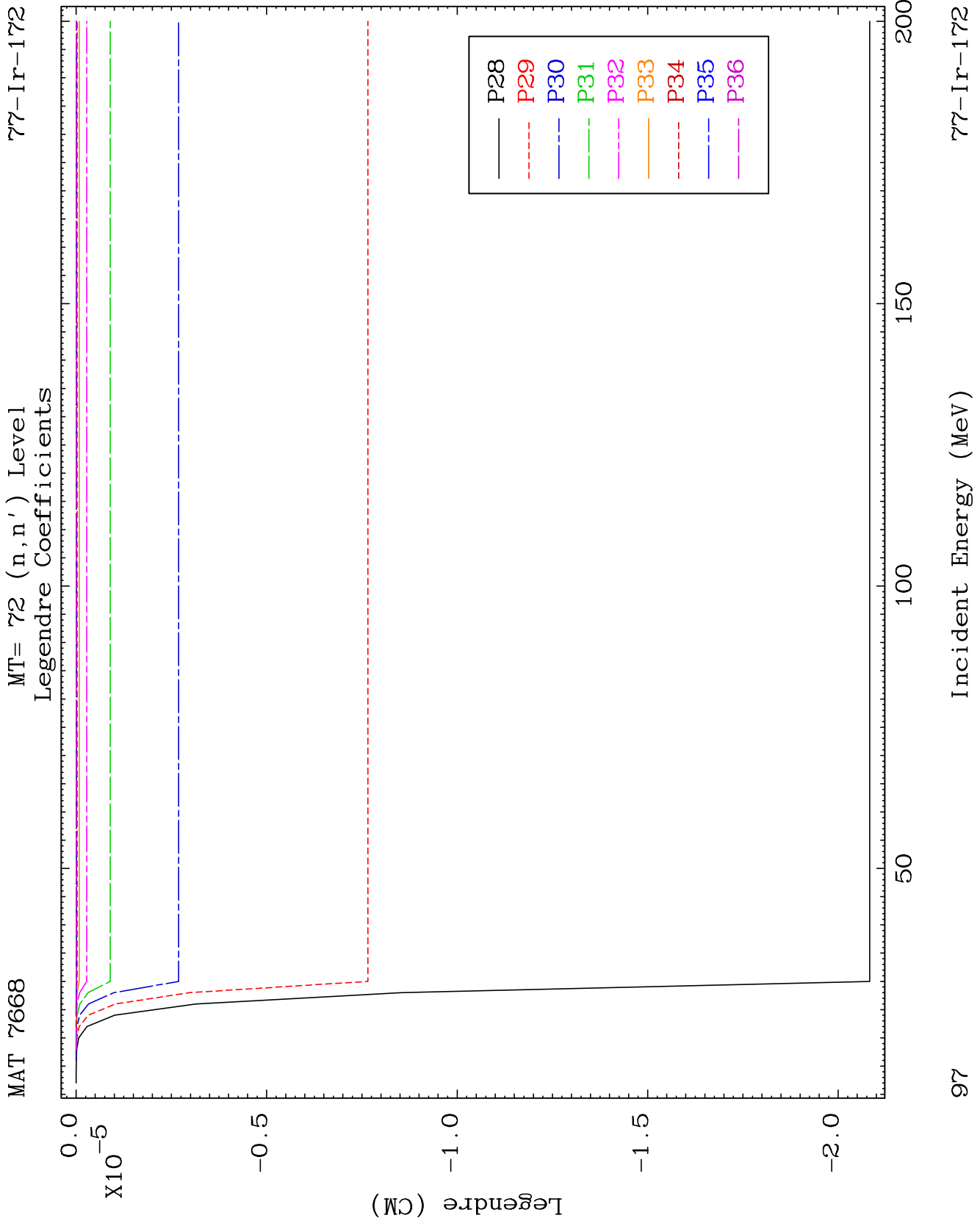
77-Ir-172



96

Incident Energy (MeV)

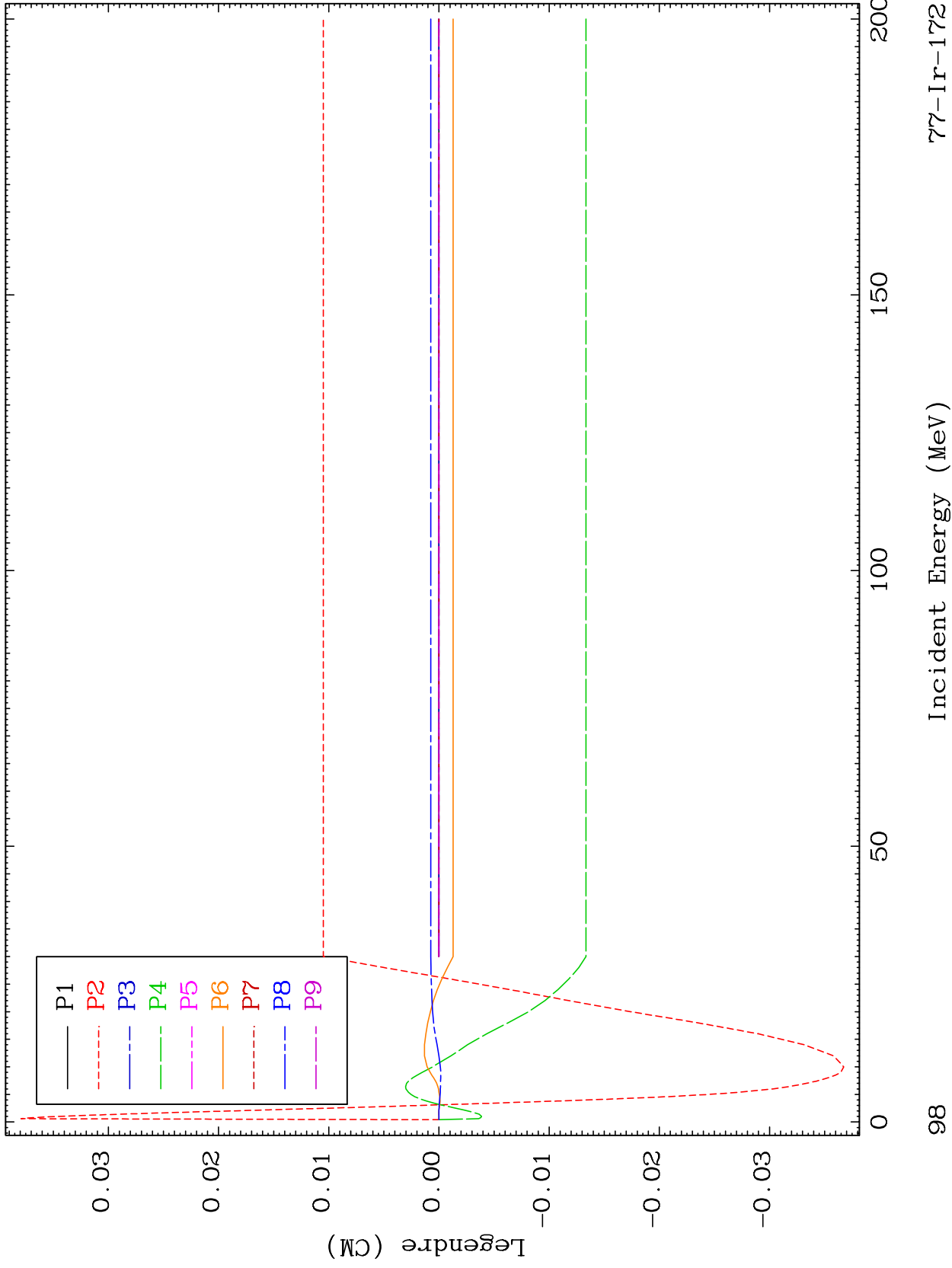
77-Ir-172



MAT 7668

MT= 73 (n,n') Level
Legendre Coefficients

77-Ir-172



98

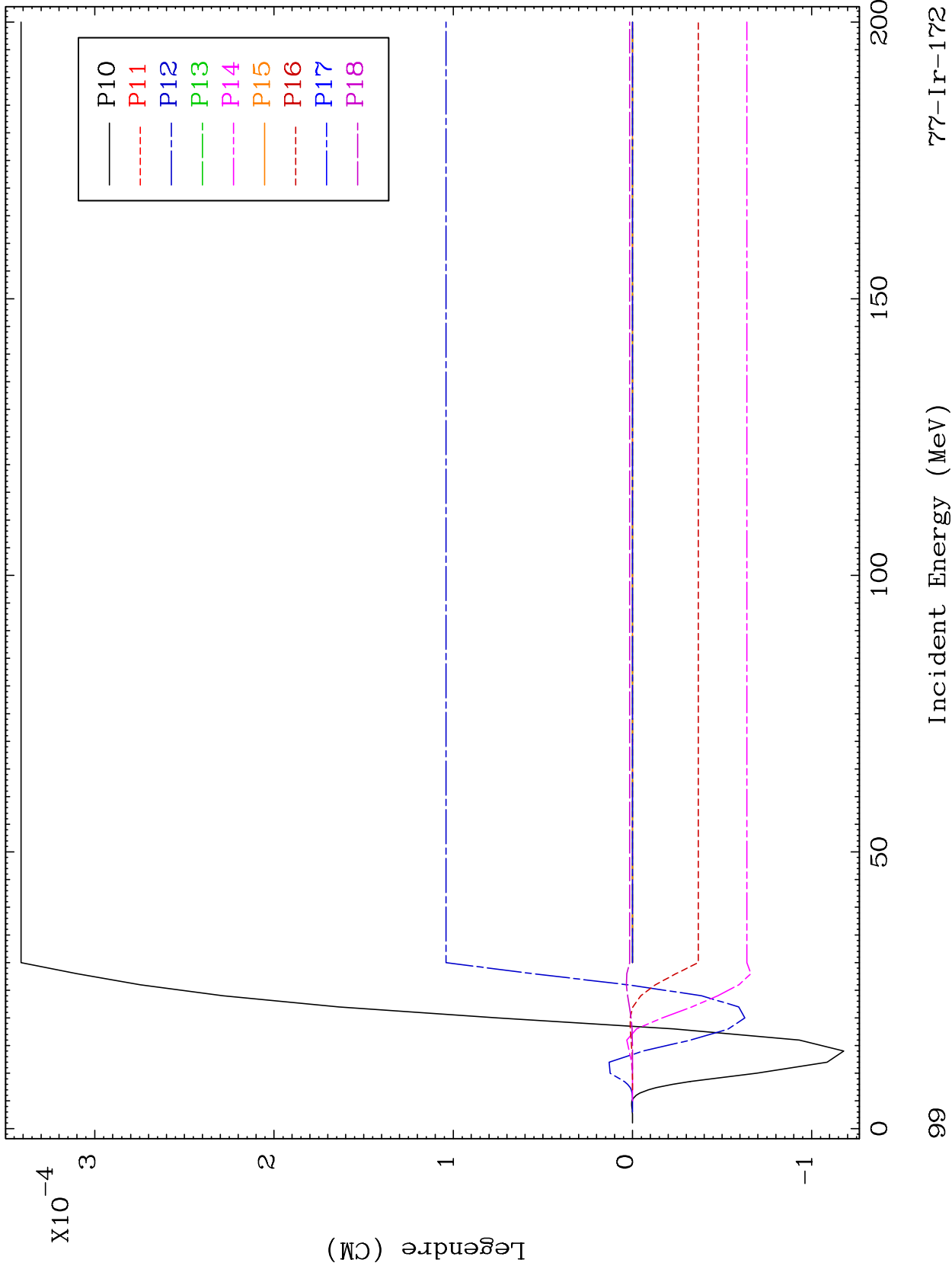
Incident Energy (MeV)

77-Ir-172

MAT 7668

MT= 73 (n,n') Level
Legendre Coefficients

77-Ir-172



77-Ir-172

Incident Energy (MeV)

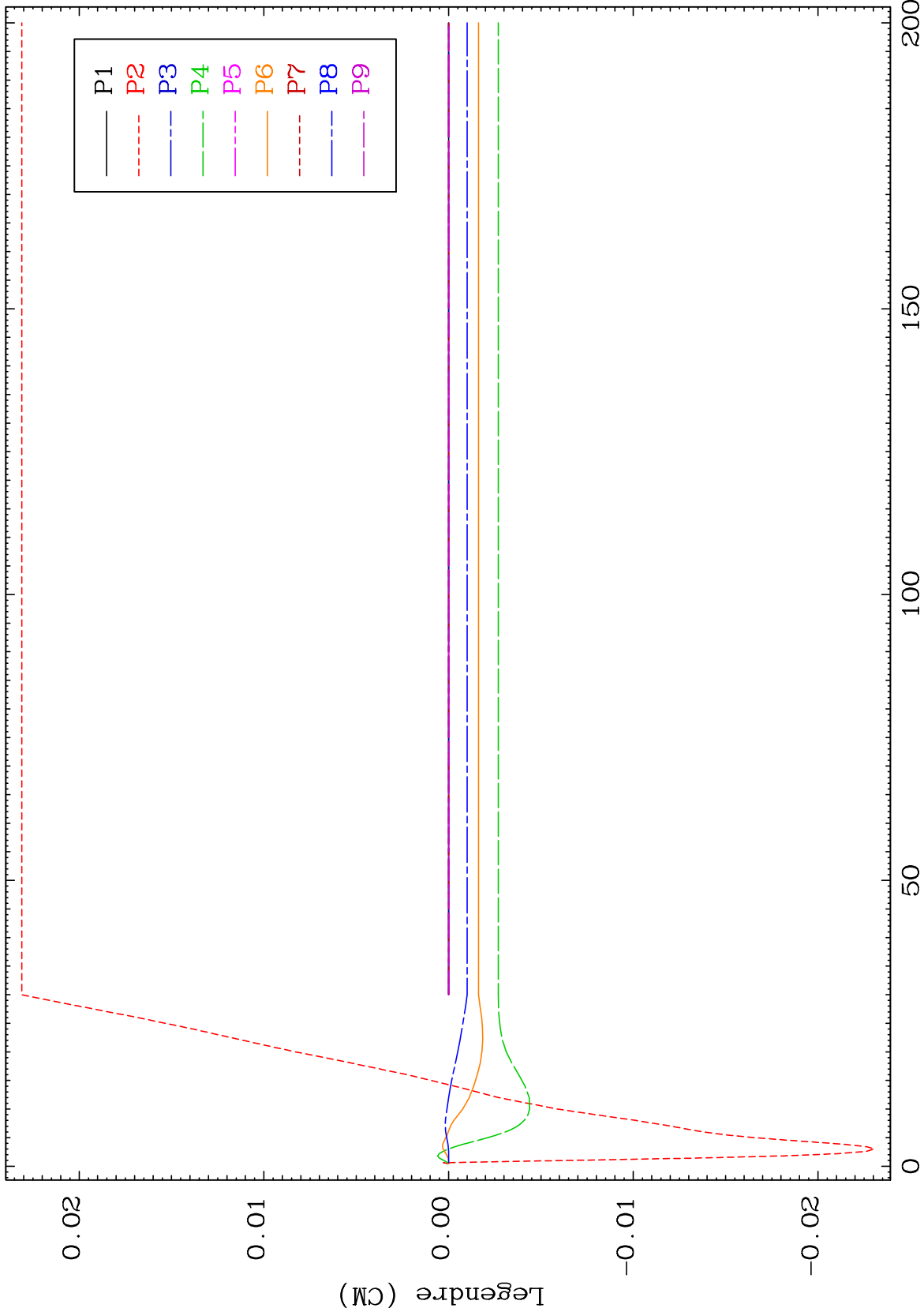
99

MAT 7668

MT= 74 (n,n') Level

77-Ir-172

Legendre Coefficients



77-Ir-172

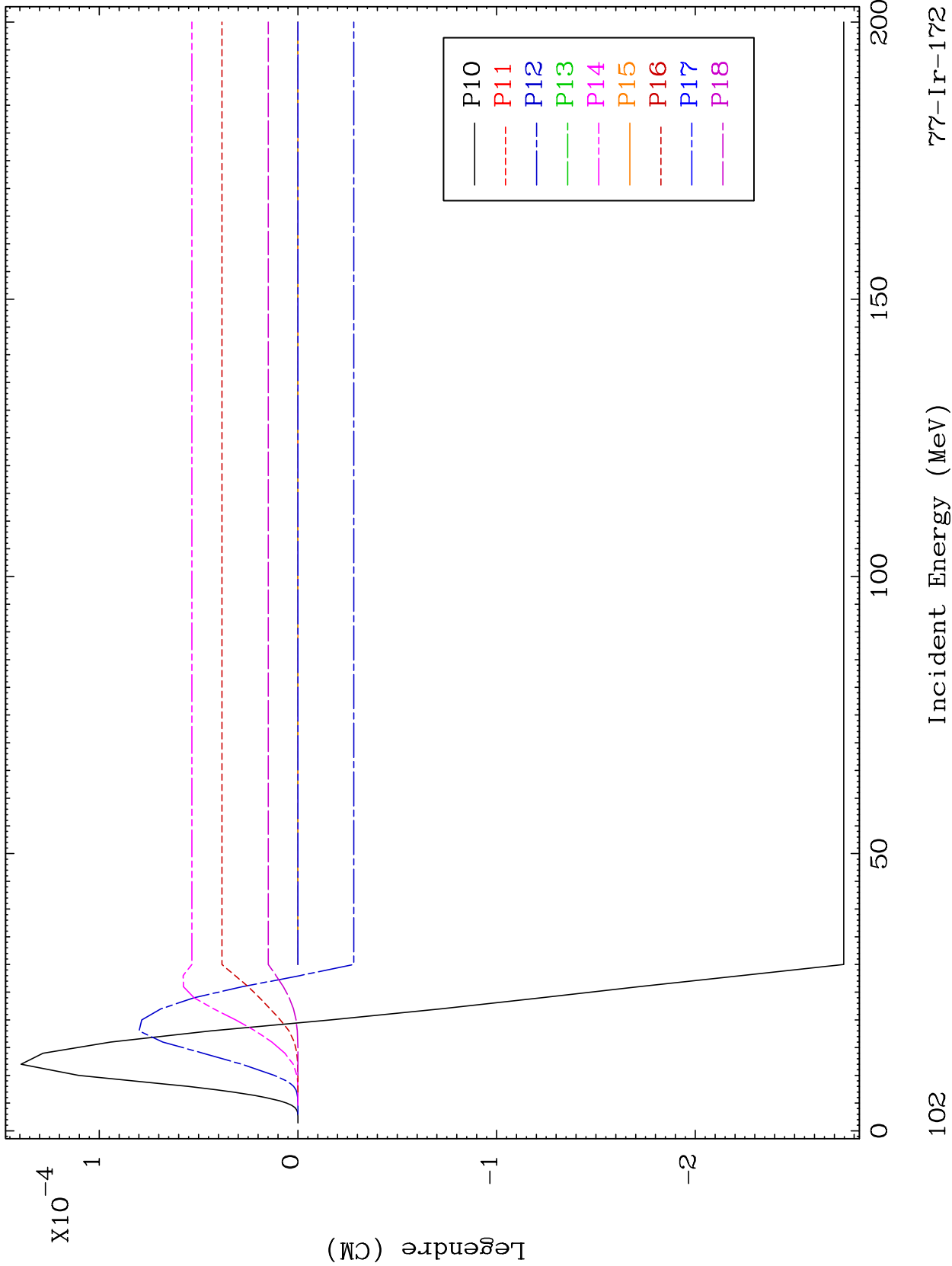
Incident Energy (MeV)

101

MAT 7668

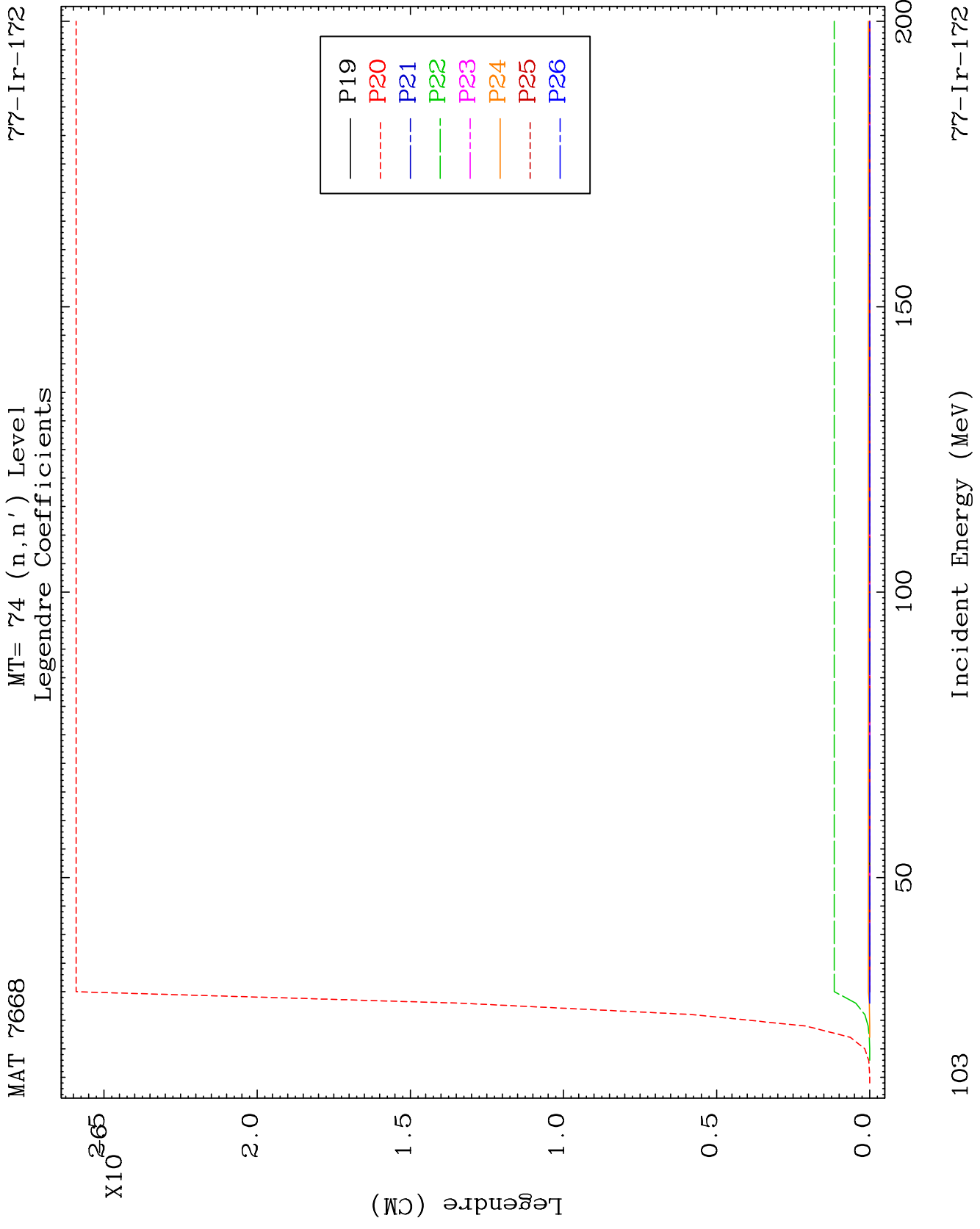
MT= 74 (n,n') Level
Legendre Coefficients

77-Ir-172



102

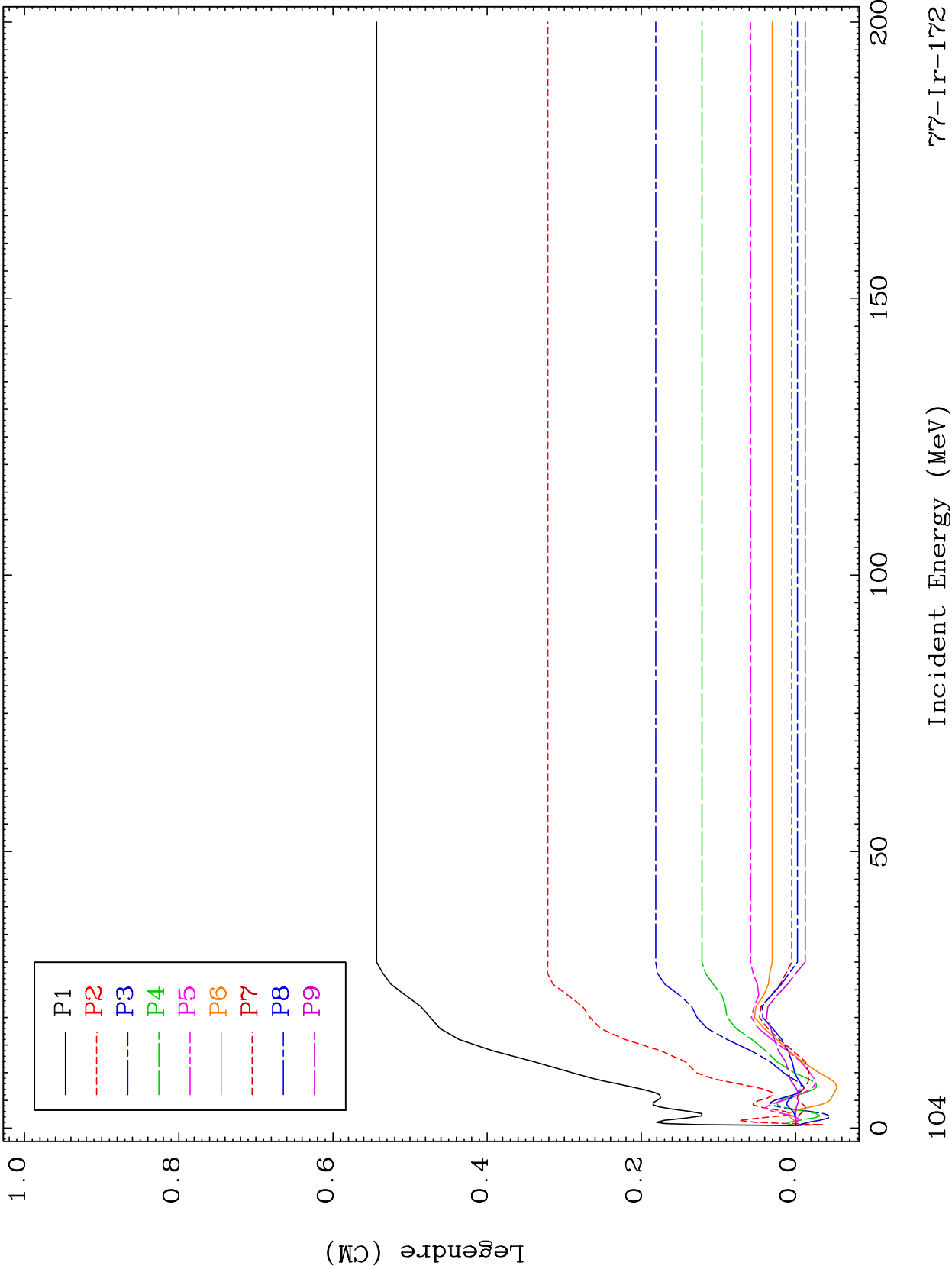
77-Ir-172



MAT 7668

MT= 75 (n,n') Level
Legendre Coefficients

77-Ir-172

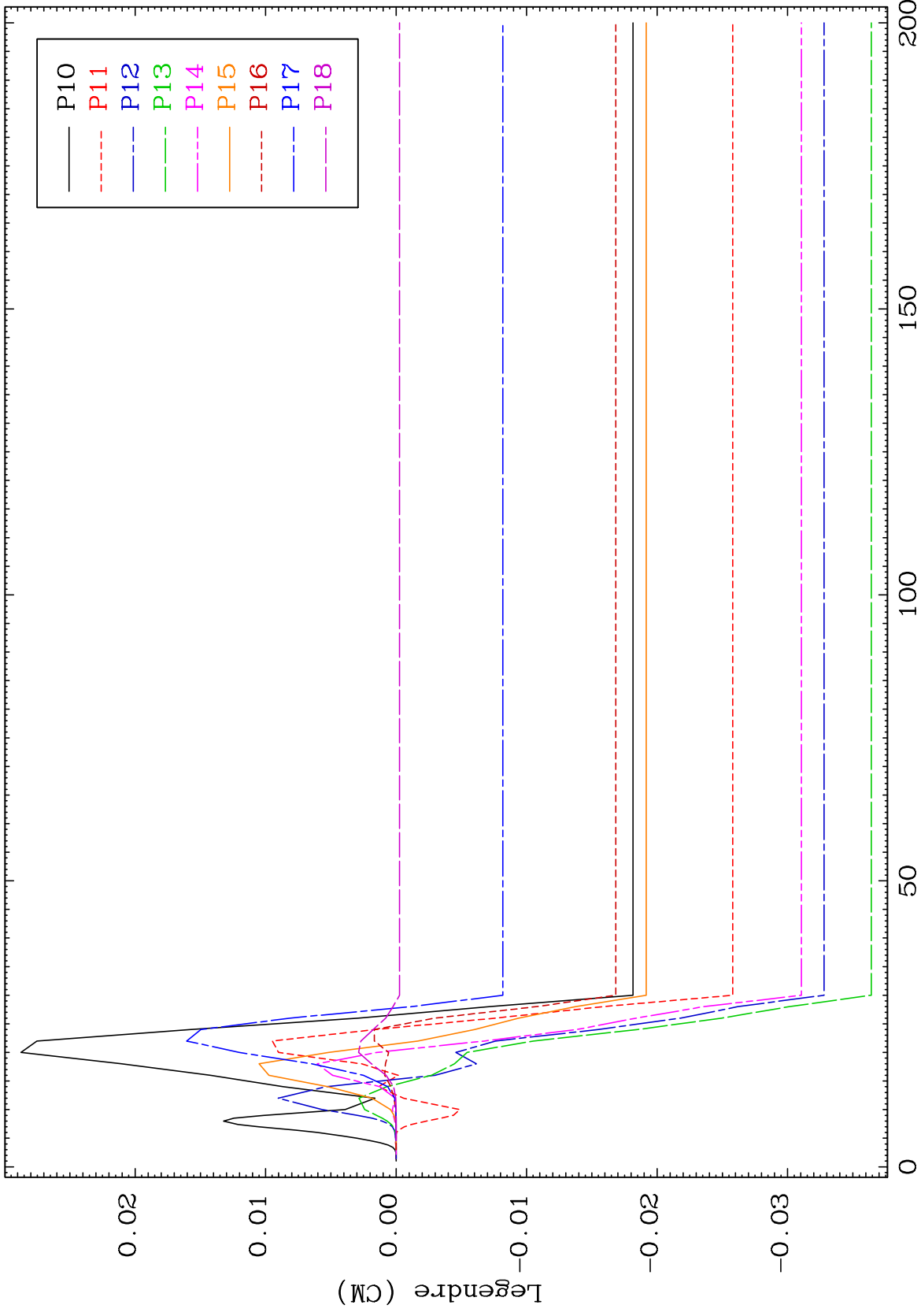


104

MAT 7668

MT= 75 (n,n') Level
Legendre Coefficients

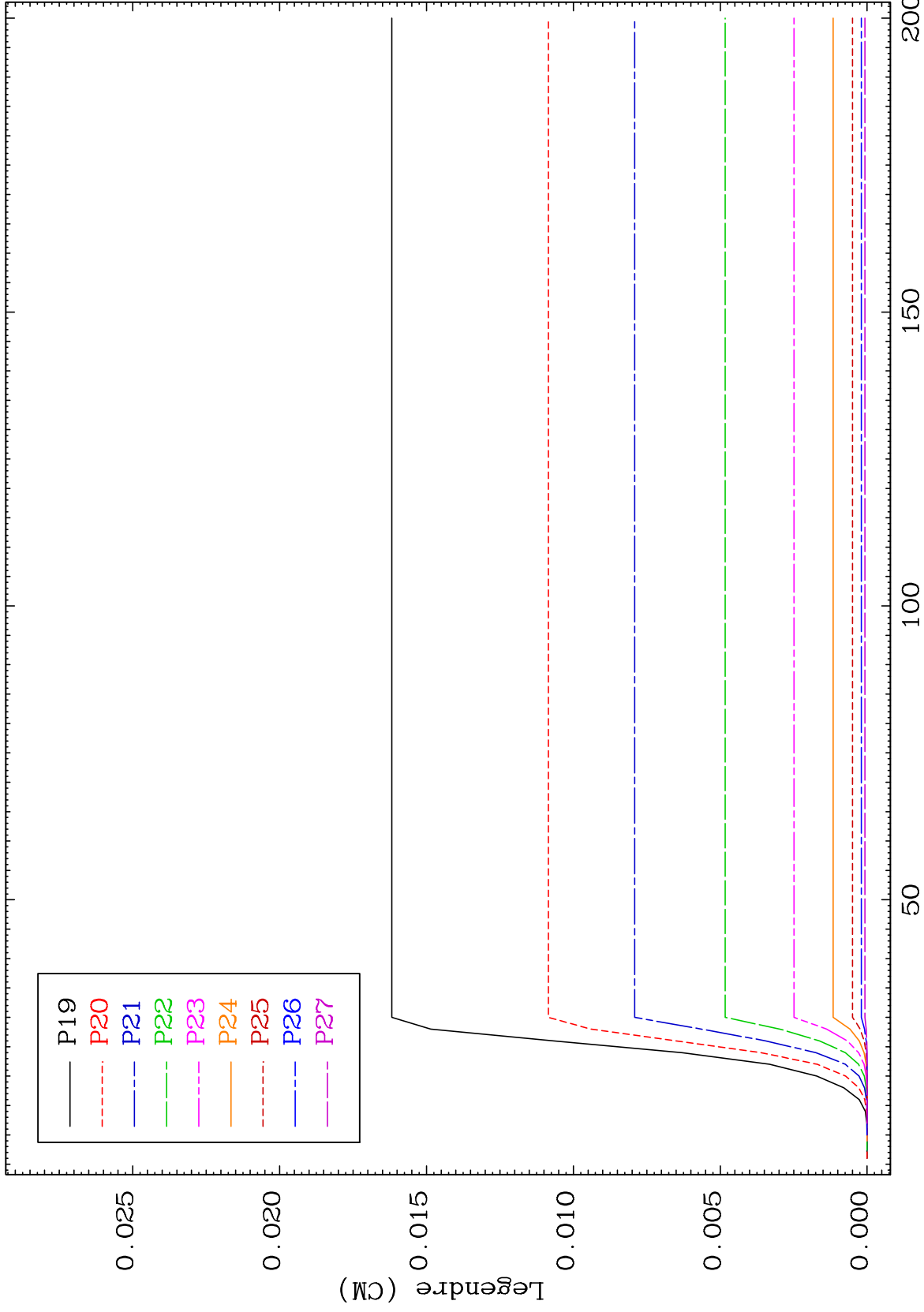
77-Ir-172



105

Incident Energy (MeV)

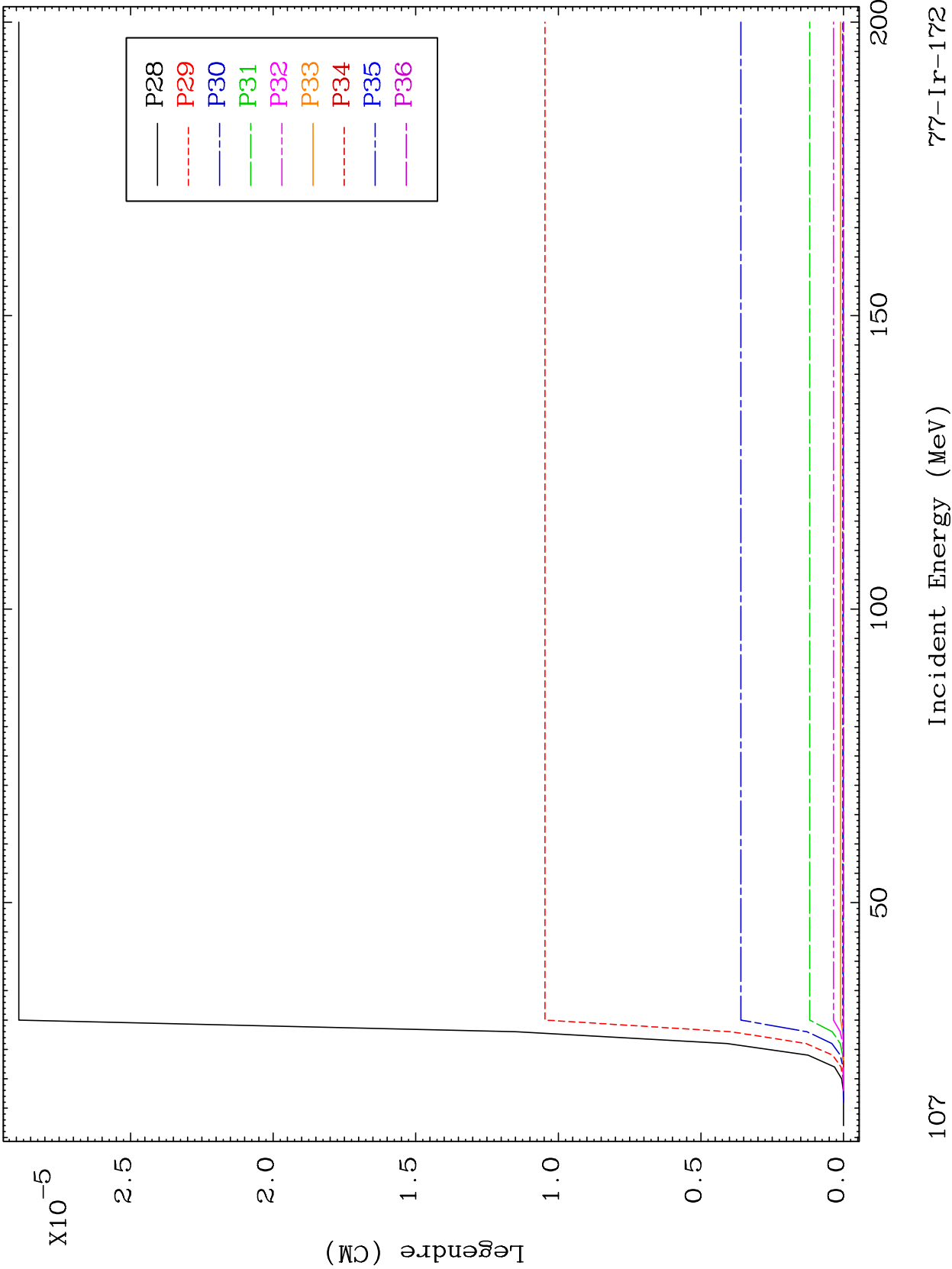
77-Ir-172



MAT 7668

MT= 75 (n,n') Level
Legendre Coefficients

77-Ir-172



107

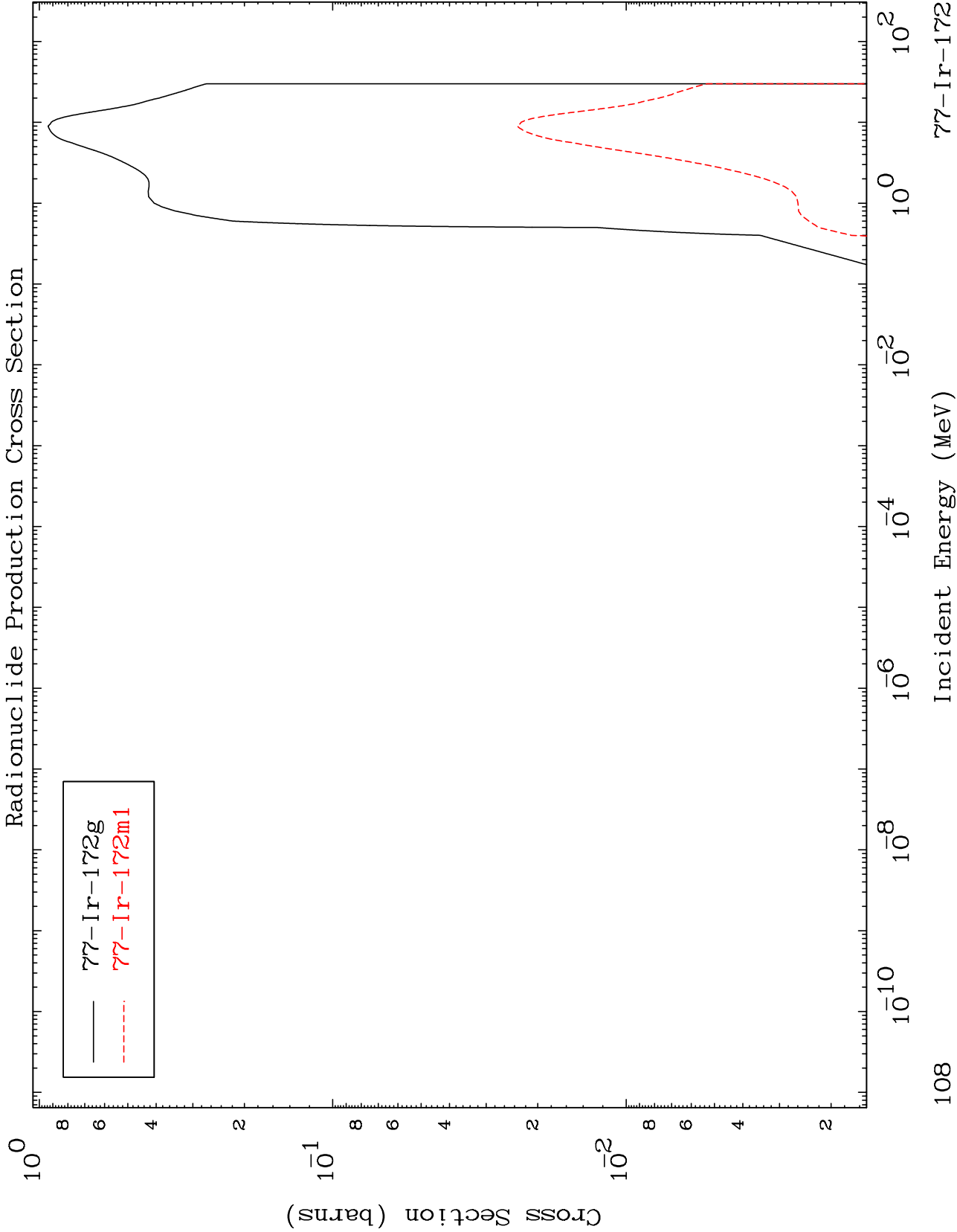
Incident Energy (MeV)

77-Ir-172

MAT 7668

Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-172



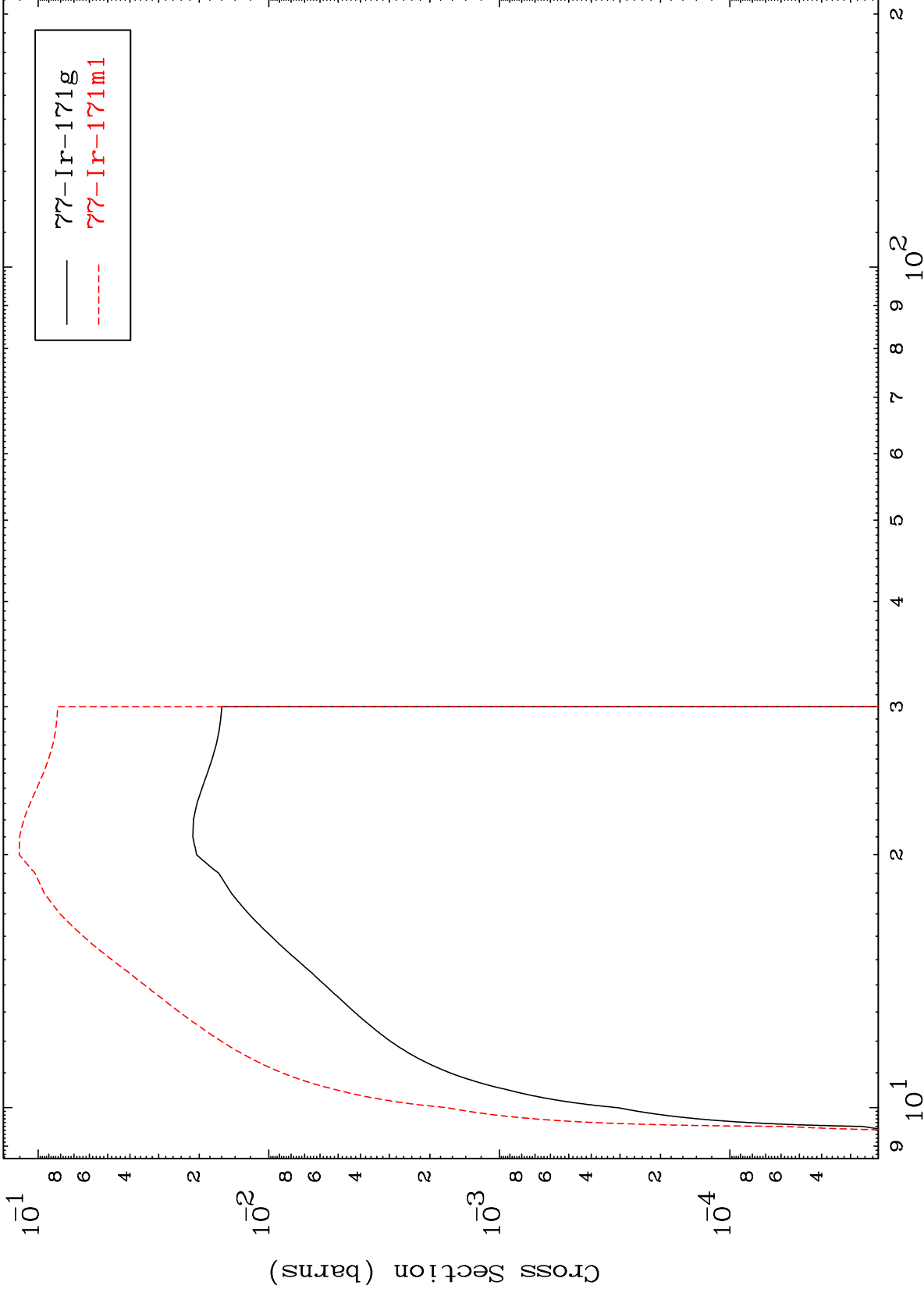
— ⁷⁷Ir-172g
- - - ⁷⁷Ir-172m1

MAT 7668

(n,2n)

⁷⁷Ir-172

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-172

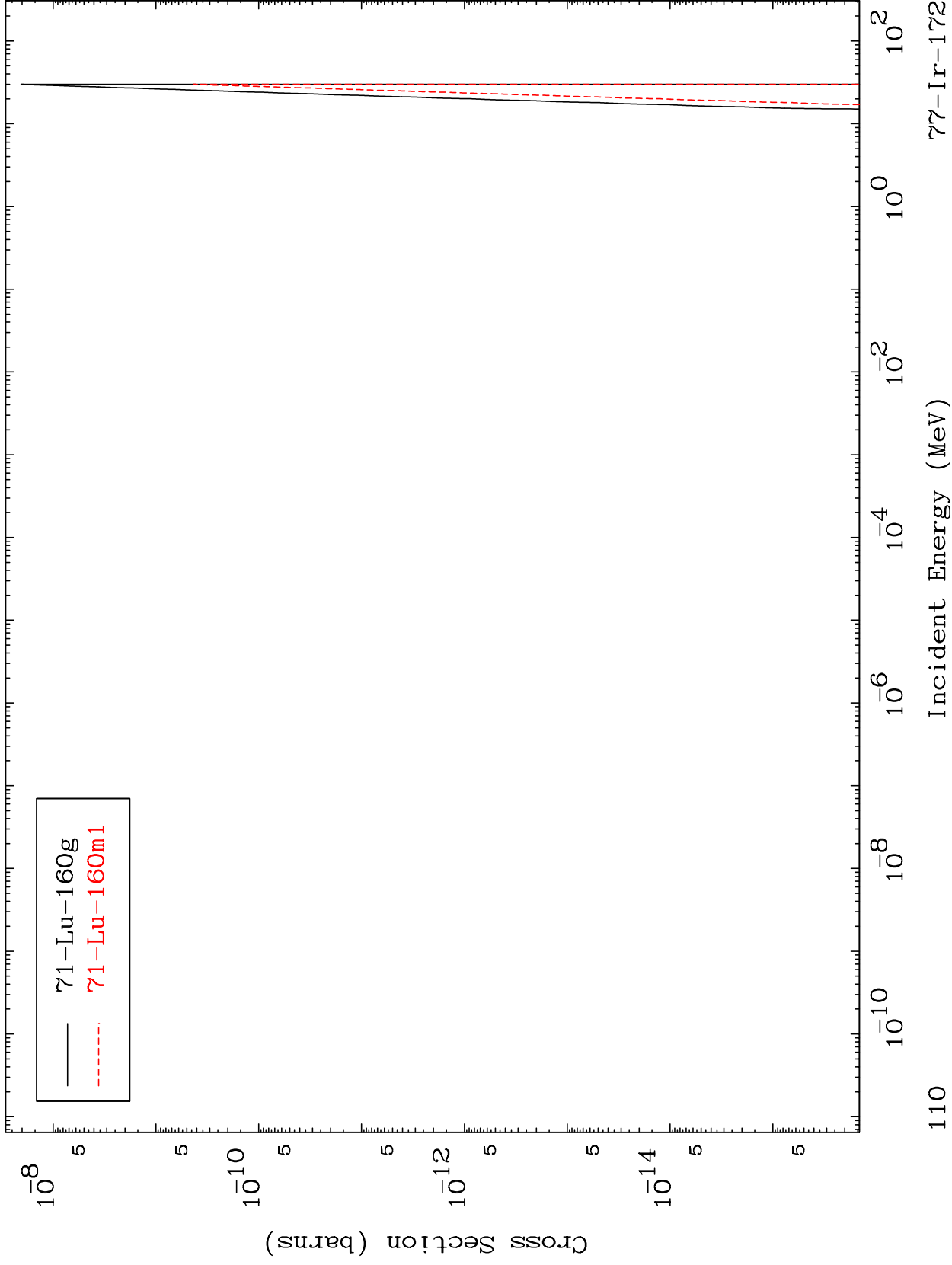
109

MAT 7668

(n,n') 3 α

⁷⁷Ir-172

Radionuclide Production Cross Section

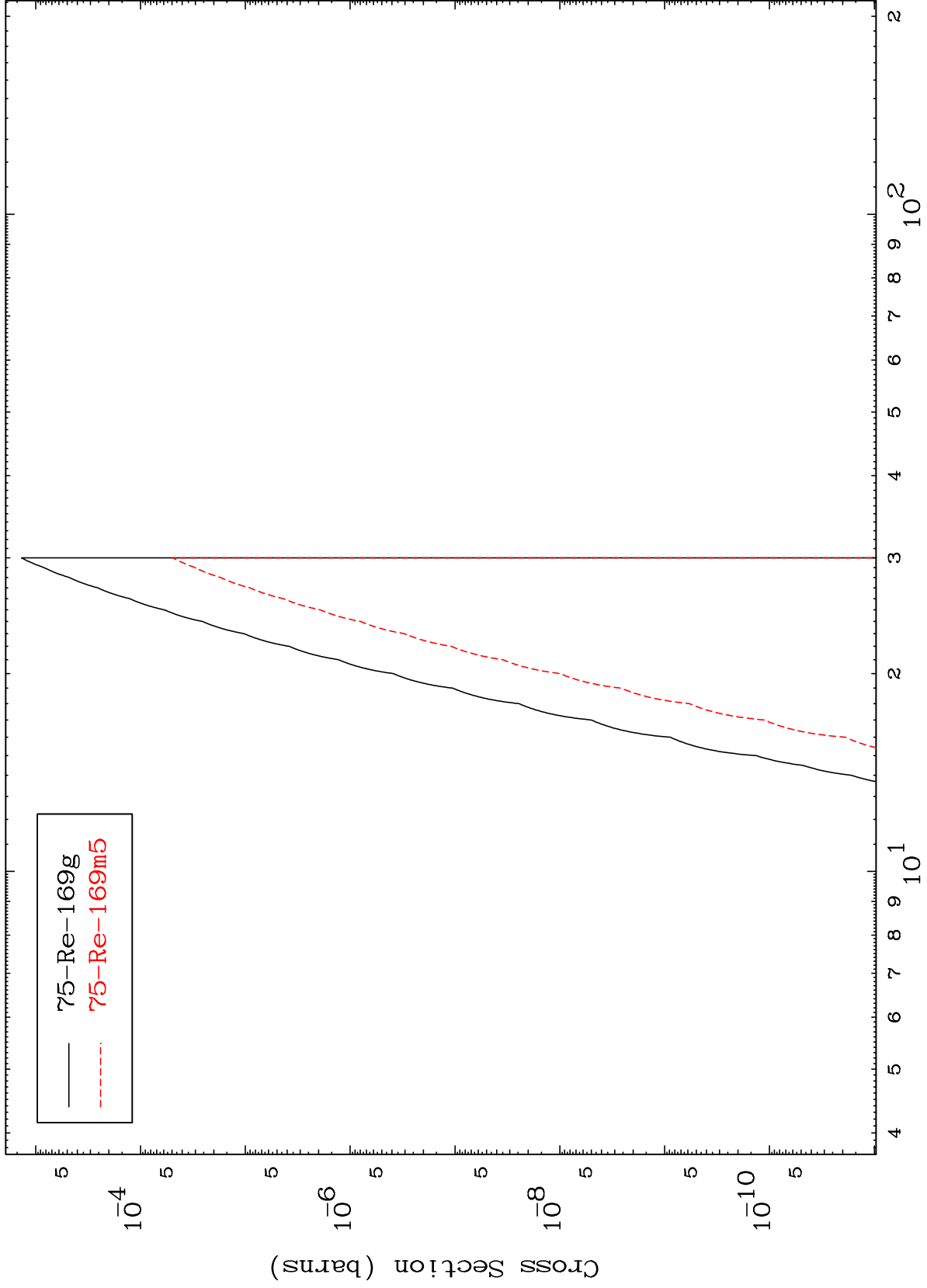


MAT 7668

(n,n') He-3

77-Ir-172

Radionuclide Production Cross Section



111

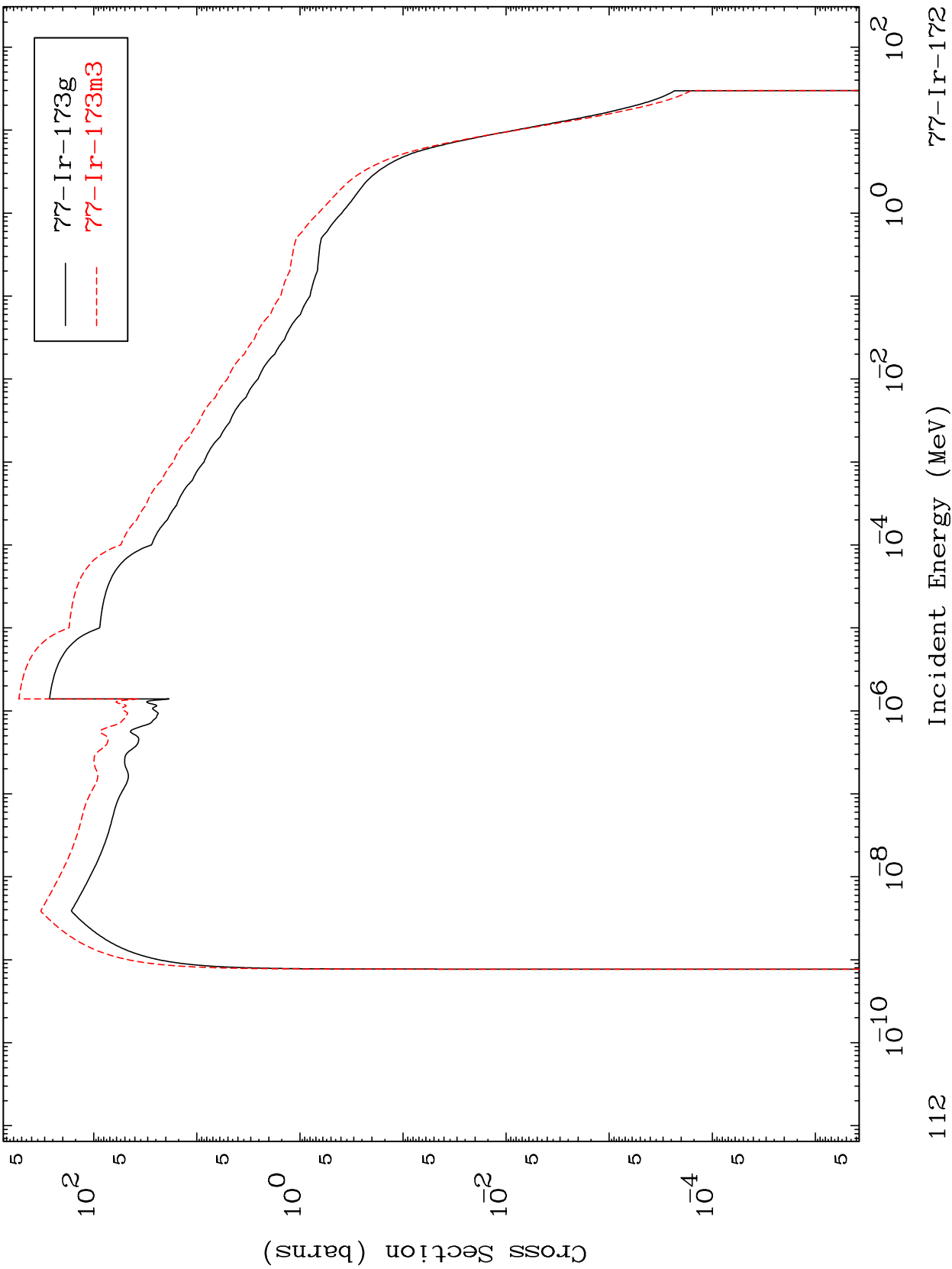
Incident Energy (MeV)

77-Ir-172

MAT 7668

⁷⁷Ir-172

⁷⁷Ir-172 (n,γ) Radionuclide Production Cross Section



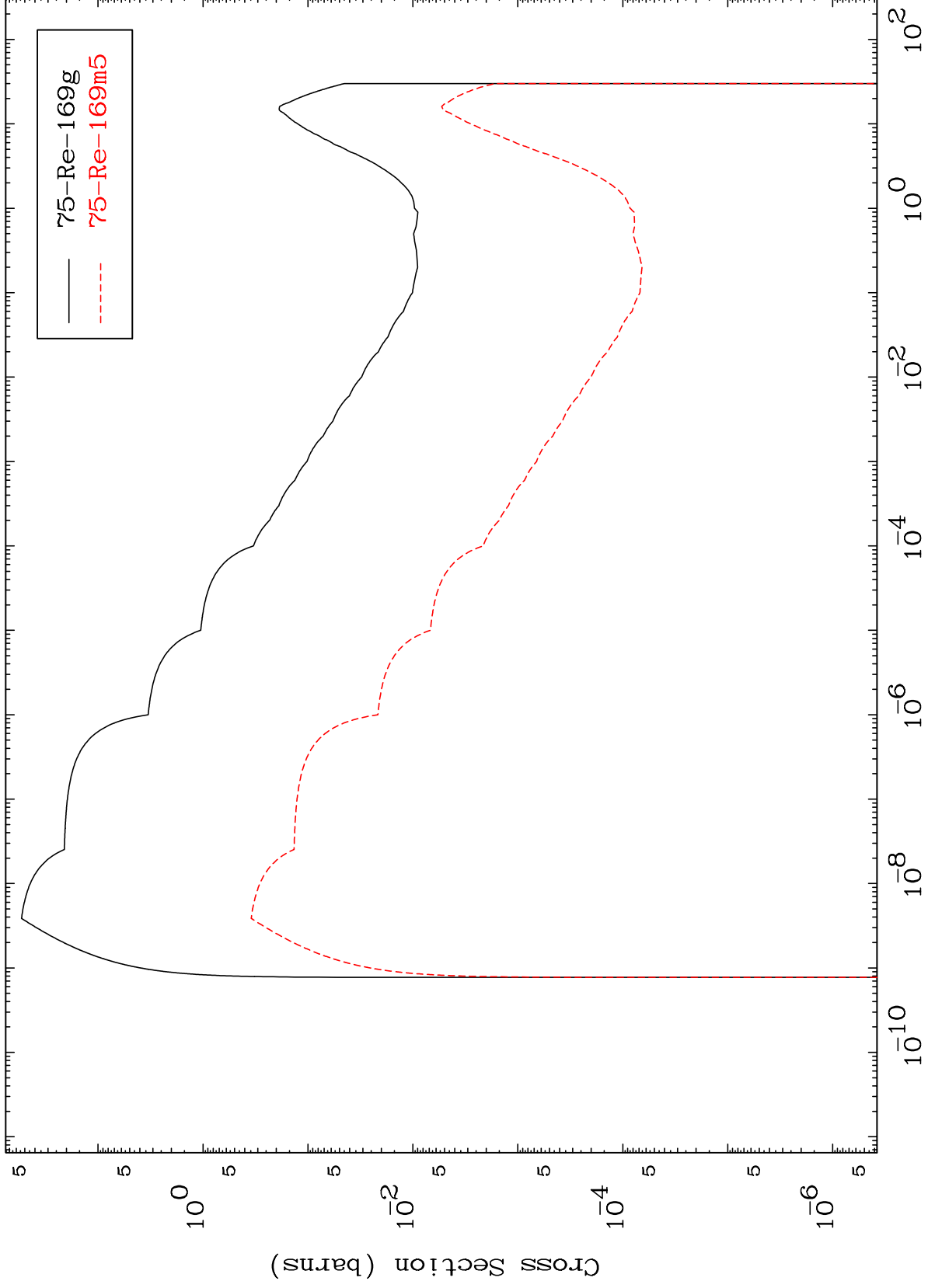
112

⁷⁷Ir-172

MAT 7668

77-Ir-172

(n, α)
Radionuclide Production Cross Section



113

77-Ir-172

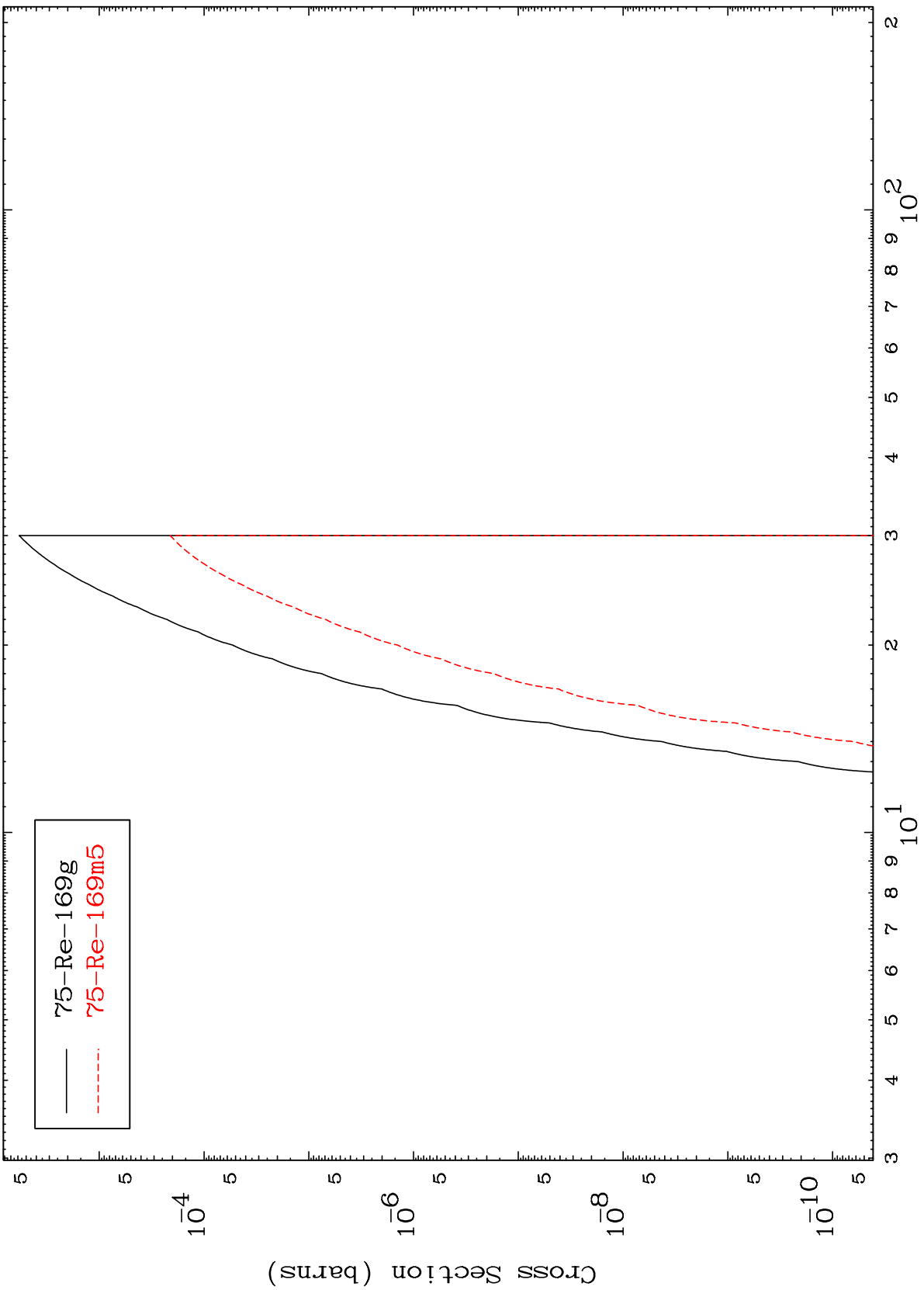
Incident Energy (MeV)

MAT 7668

(n,p) t

77-Ir-172

Radionuclide Production Cross Section



114

Incident Energy (MeV)

77-Ir-172