

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

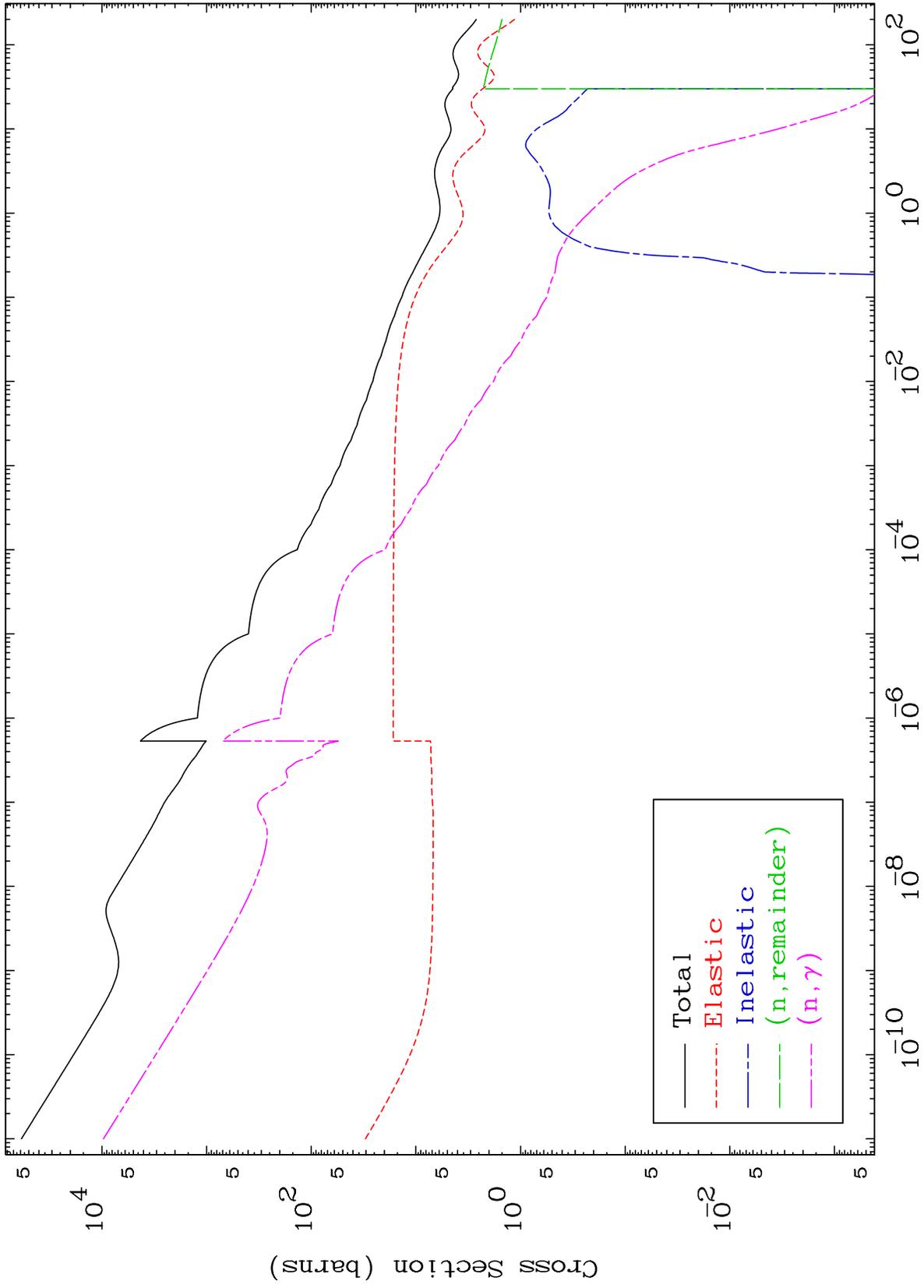
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7668

Major
293 Kelvin Cross Sections

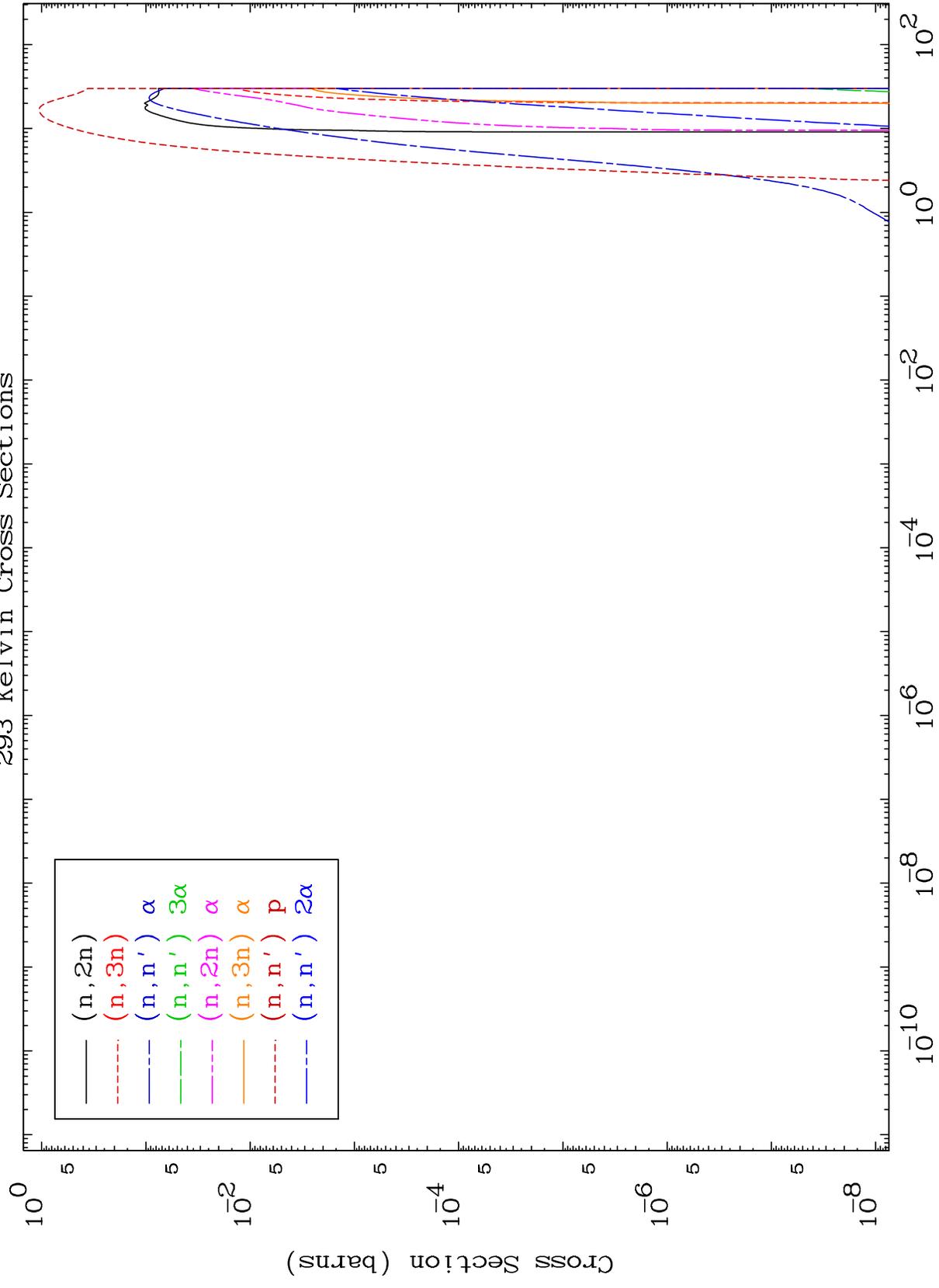
77-Ir-172



MAT 7668

Neutron Production
293 Kelvin Cross Sections

77-Ir-172

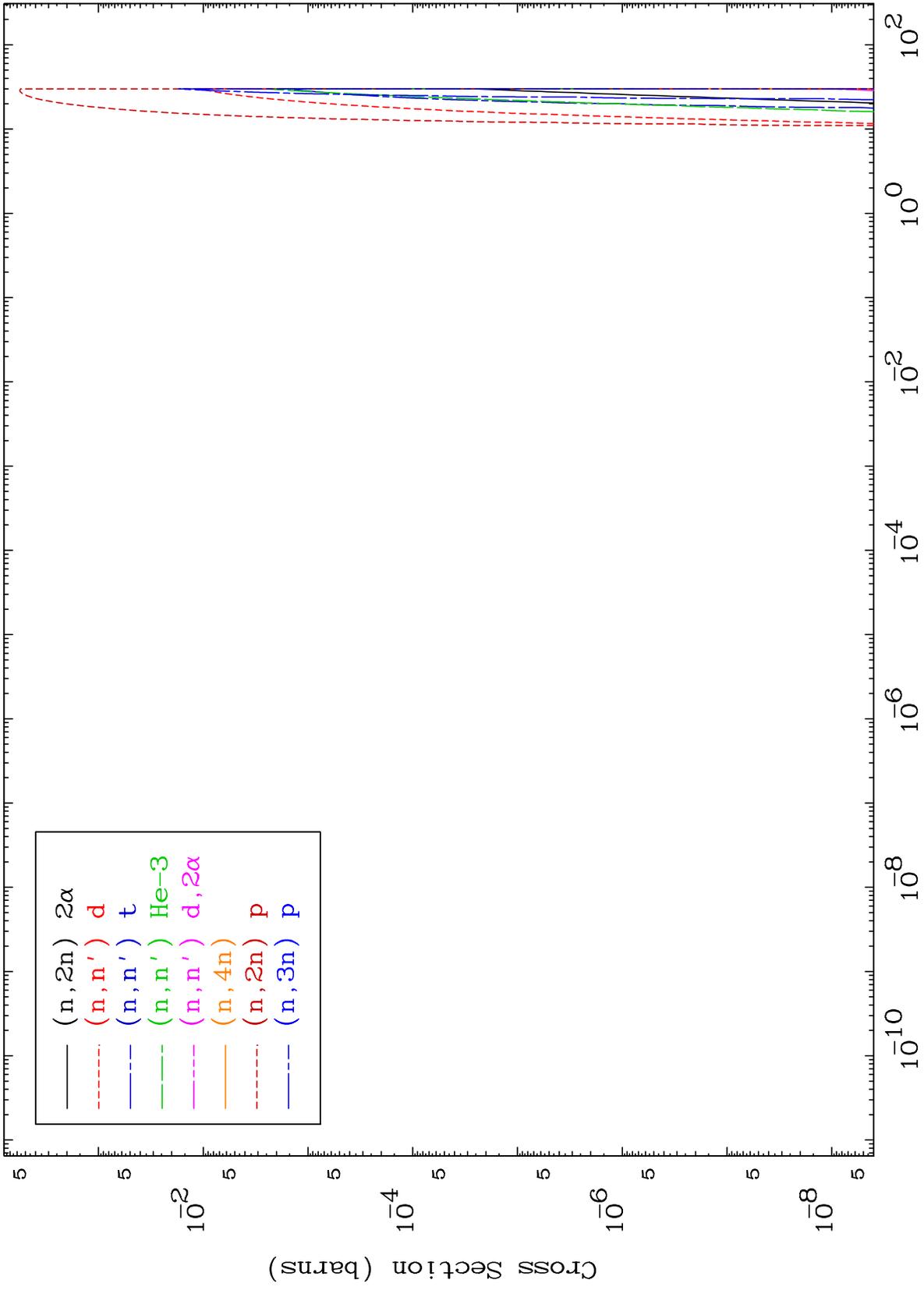


77-Ir-172

MAT 7668

Neutron Production
293 Kelvin Cross Sections

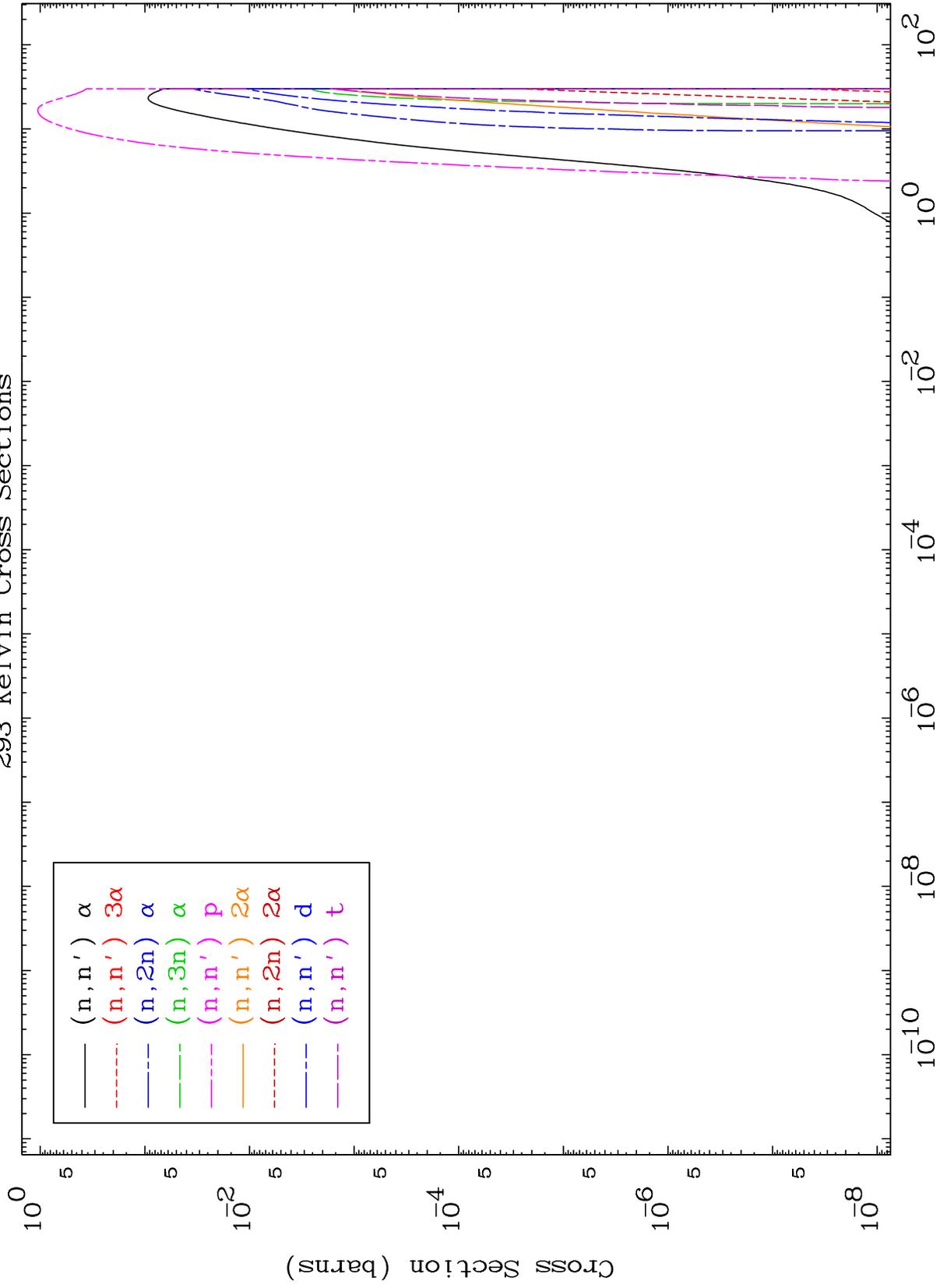
77-Ir-172

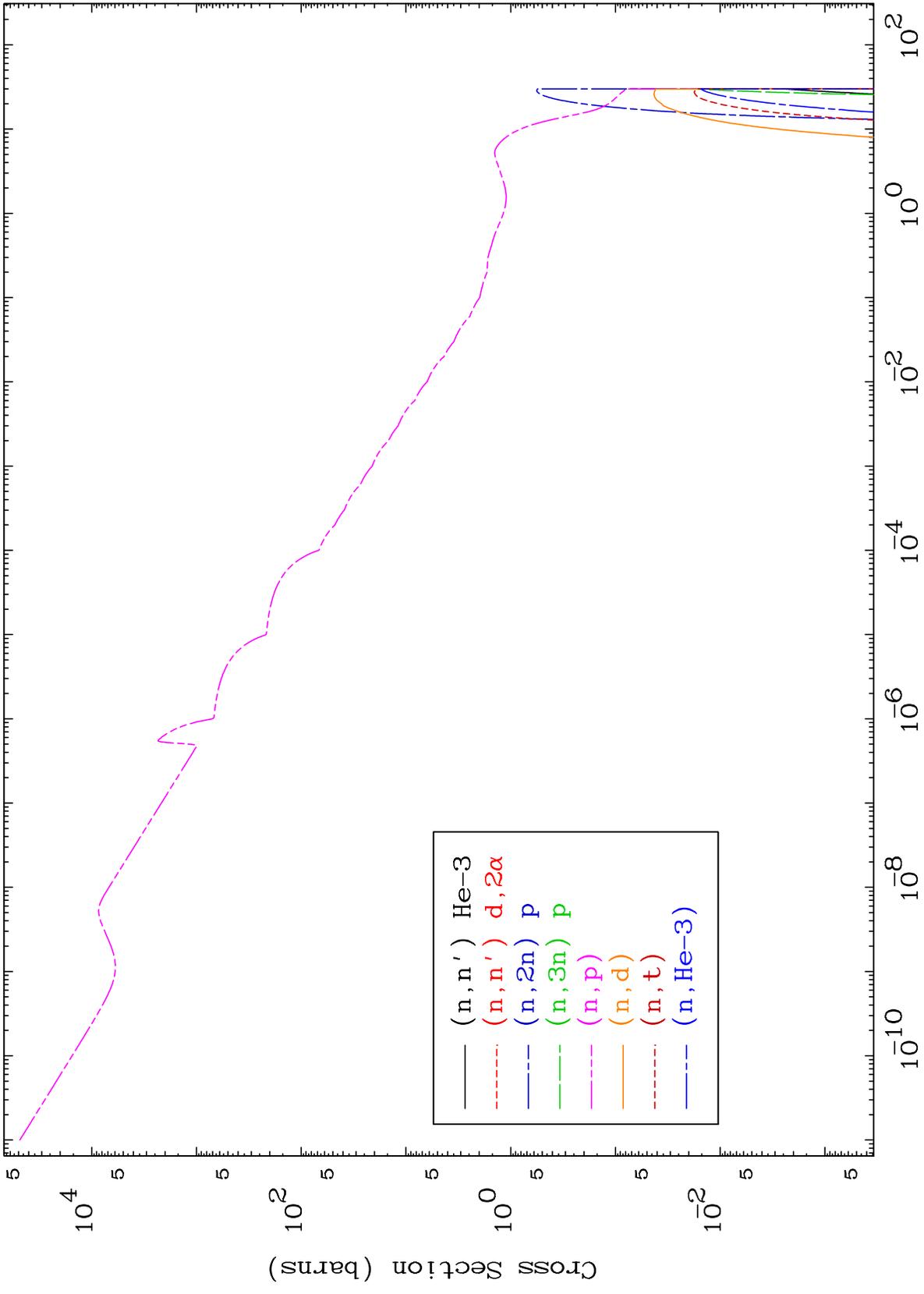


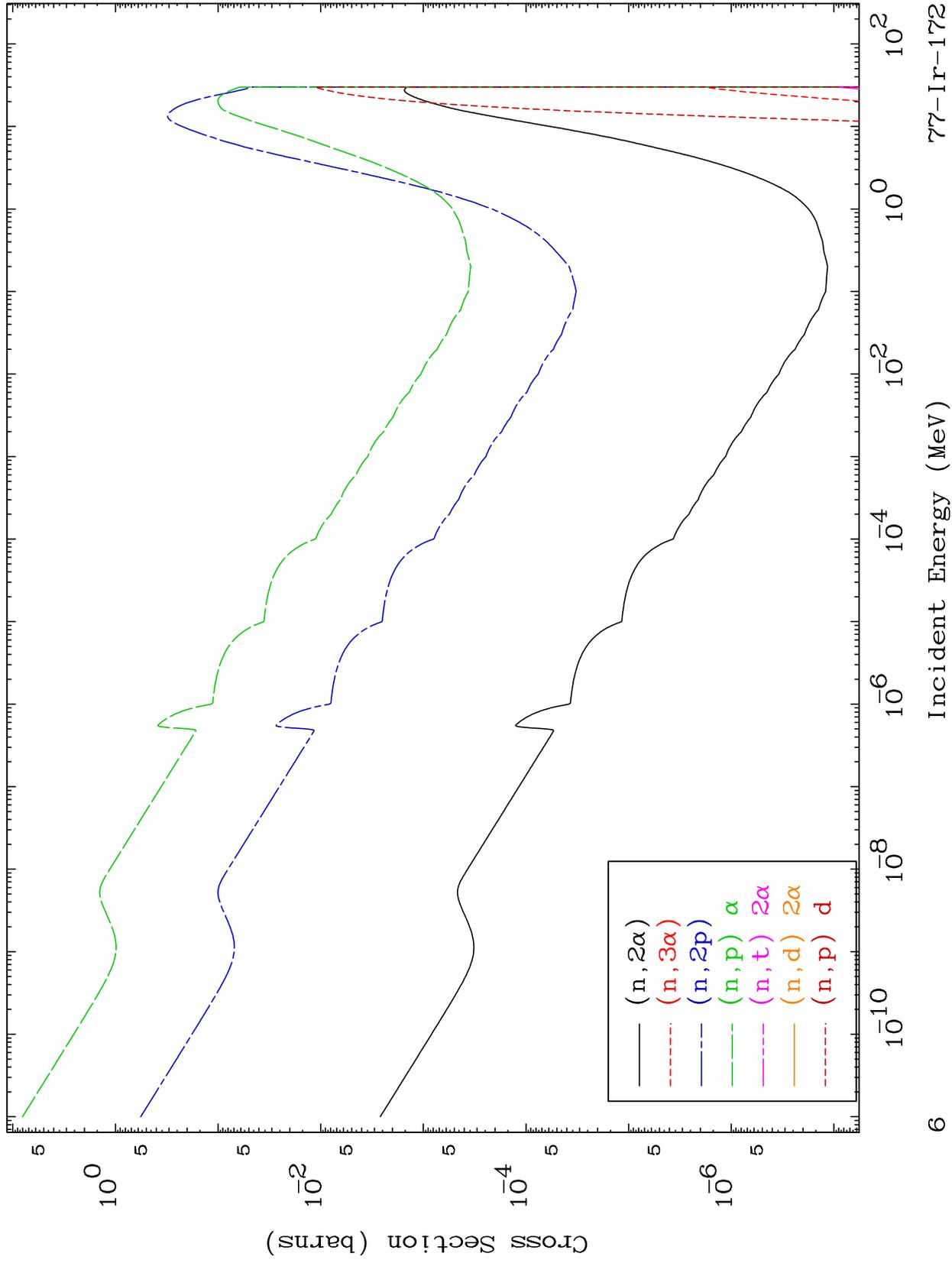
MAT 7668

293 Kelvin Cross Sections

77-Ir-172



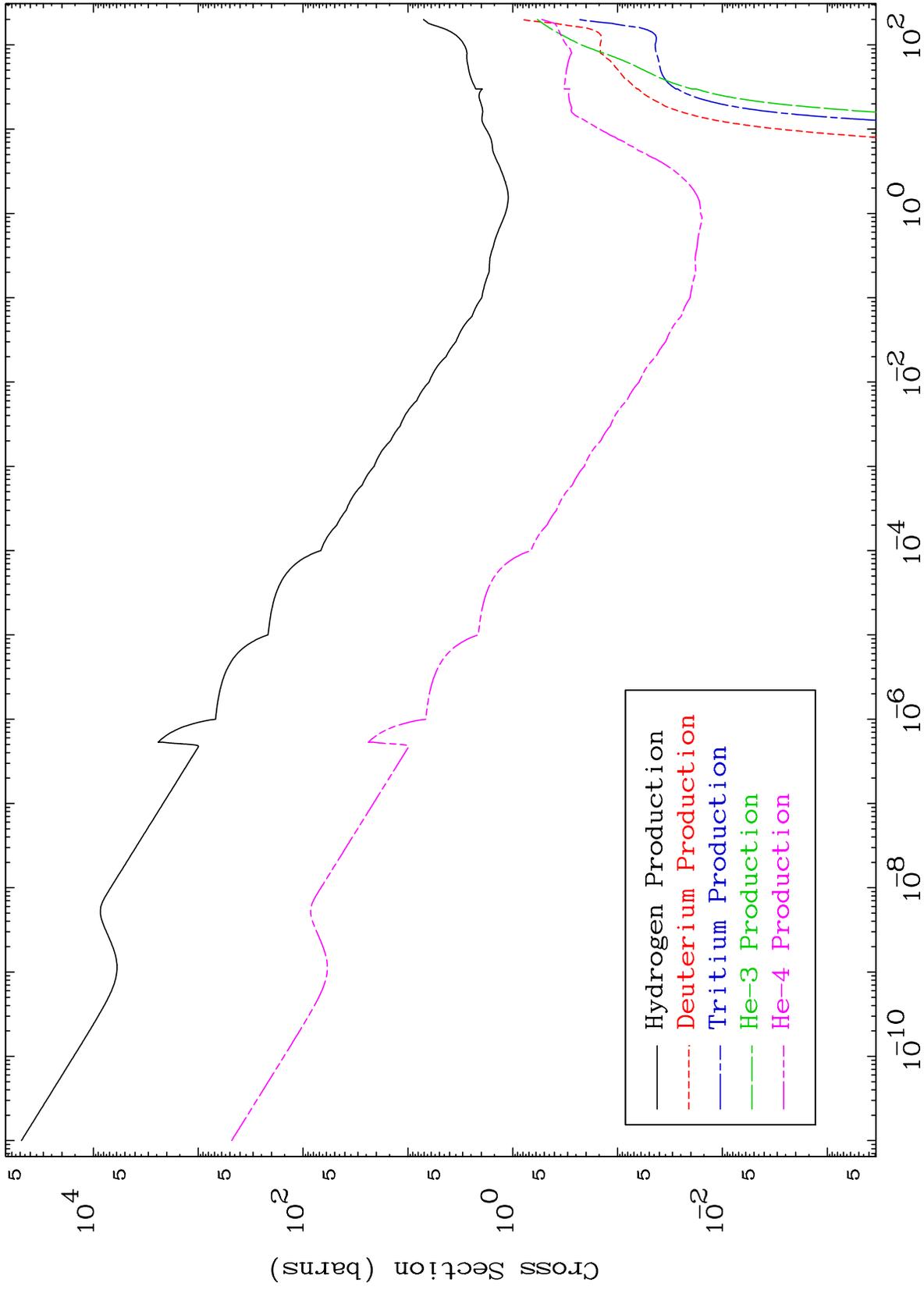




MAT 7668

Particle Production
293 Kelvin Cross Sections

77-Ir-172



7

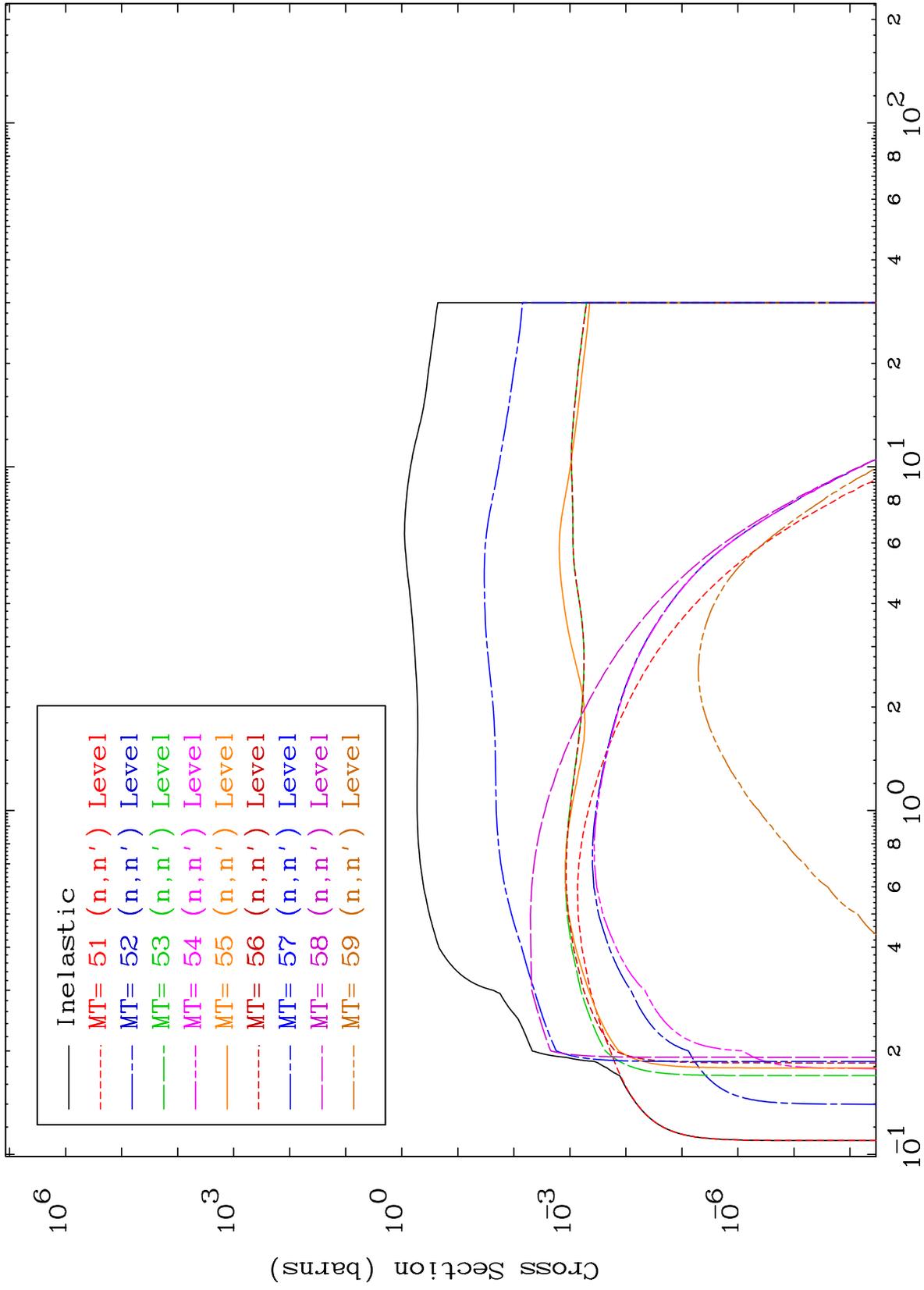
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,n') Level
293 Kelvin Cross Sections

77-Ir-172



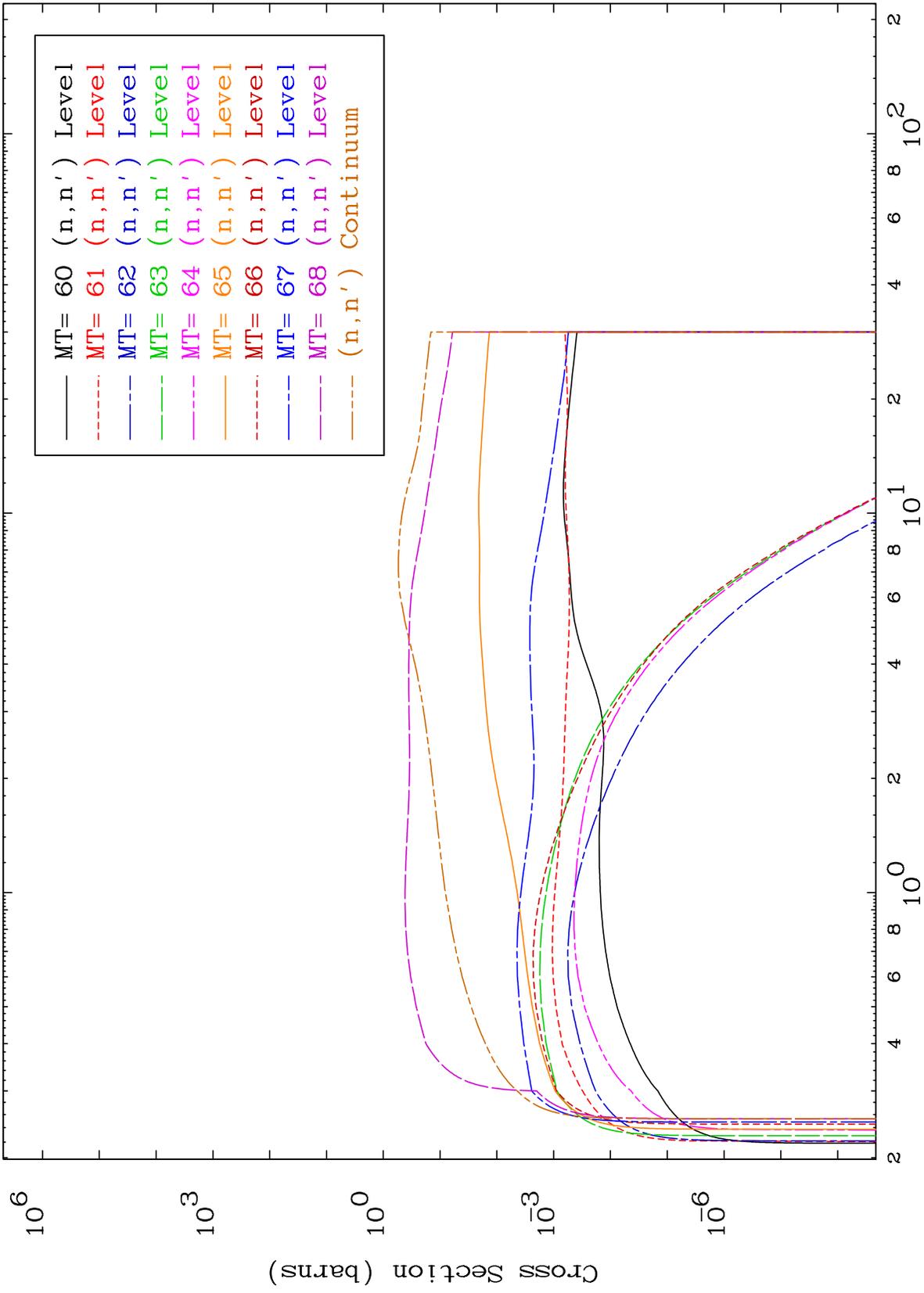
8

77-Ir-172

MAT 7668

(n,n') Level
293 Kelvin Cross Sections

77-Ir-172



9

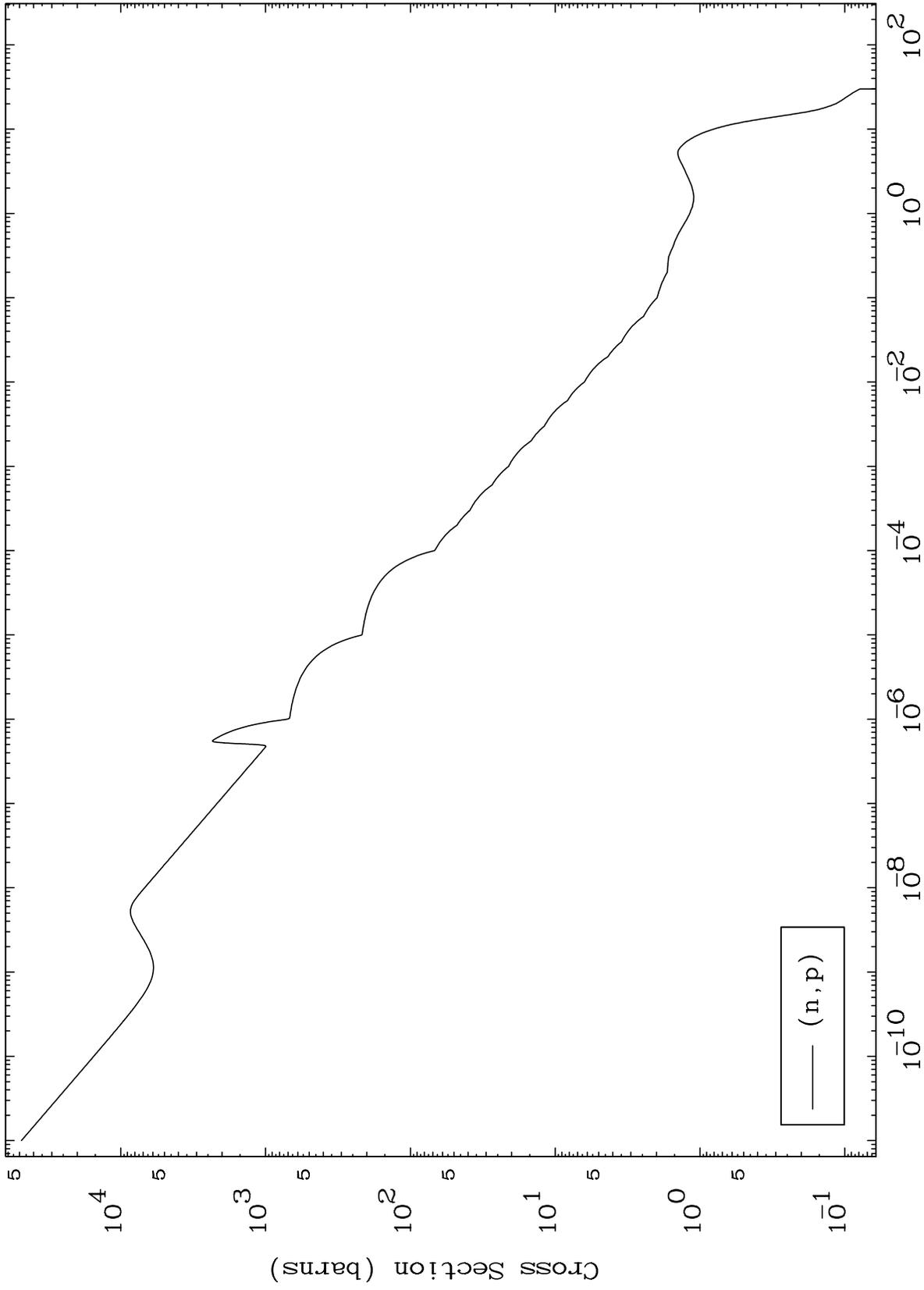
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-172



10

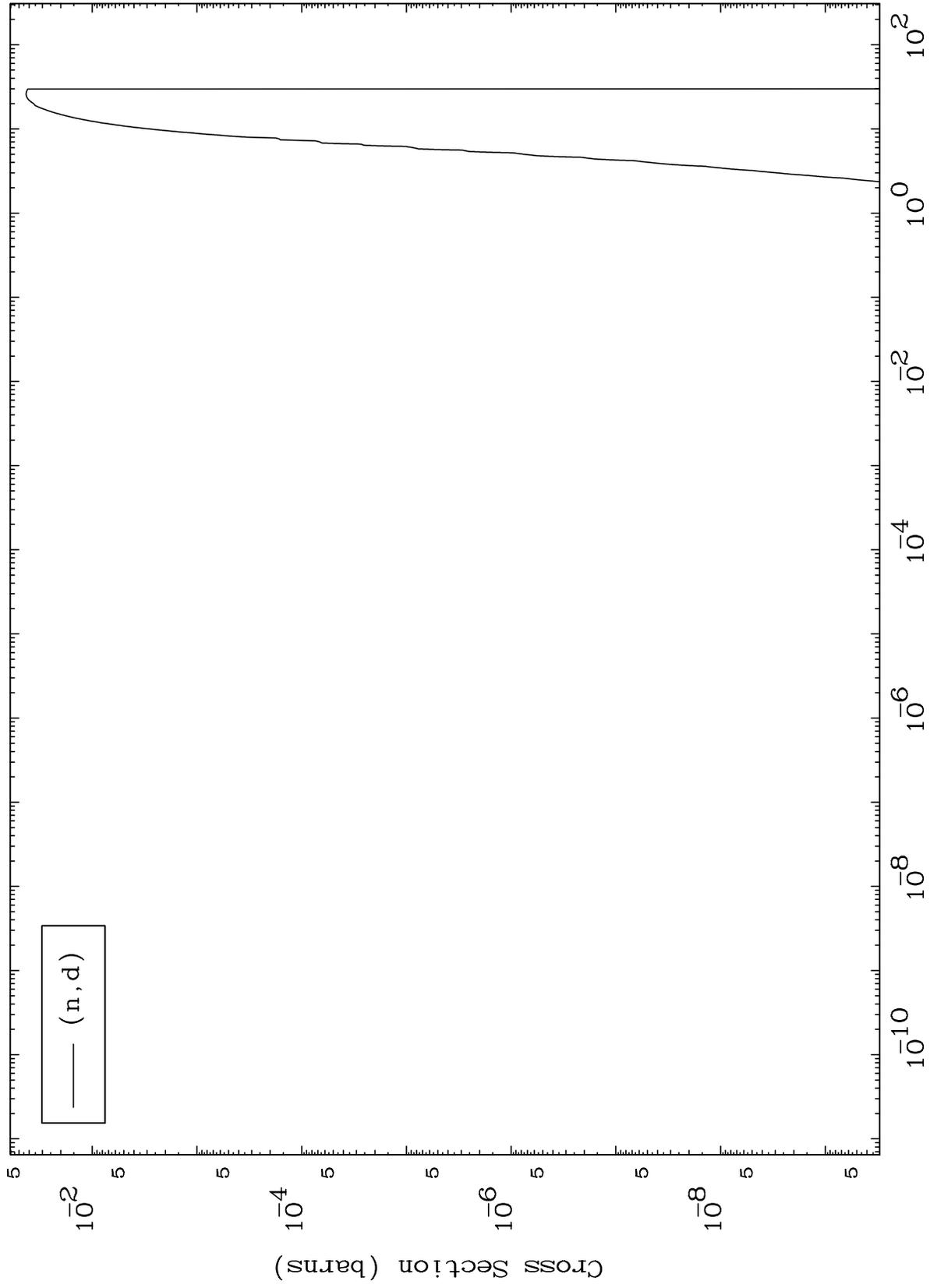
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-172



11

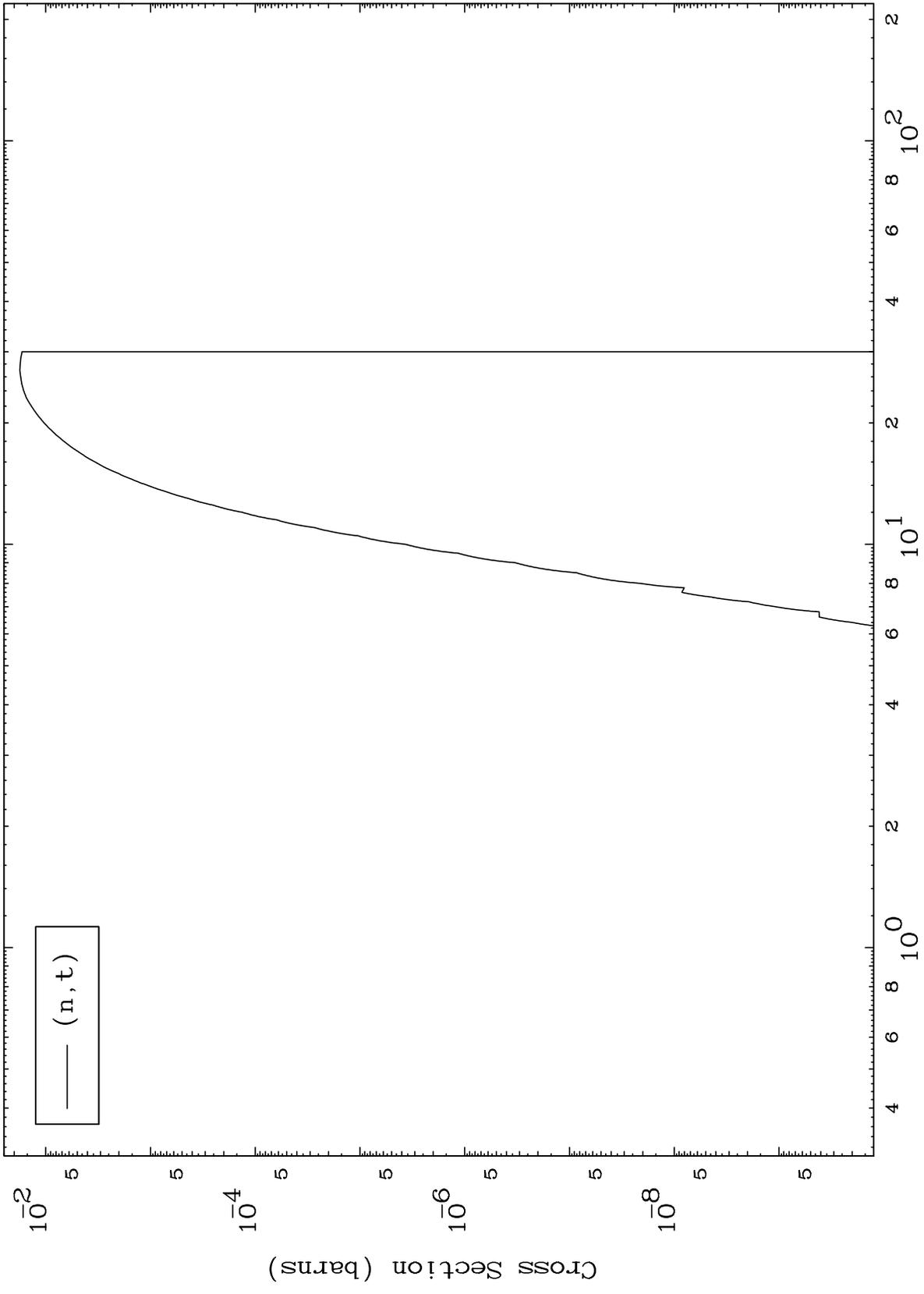
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-172



12

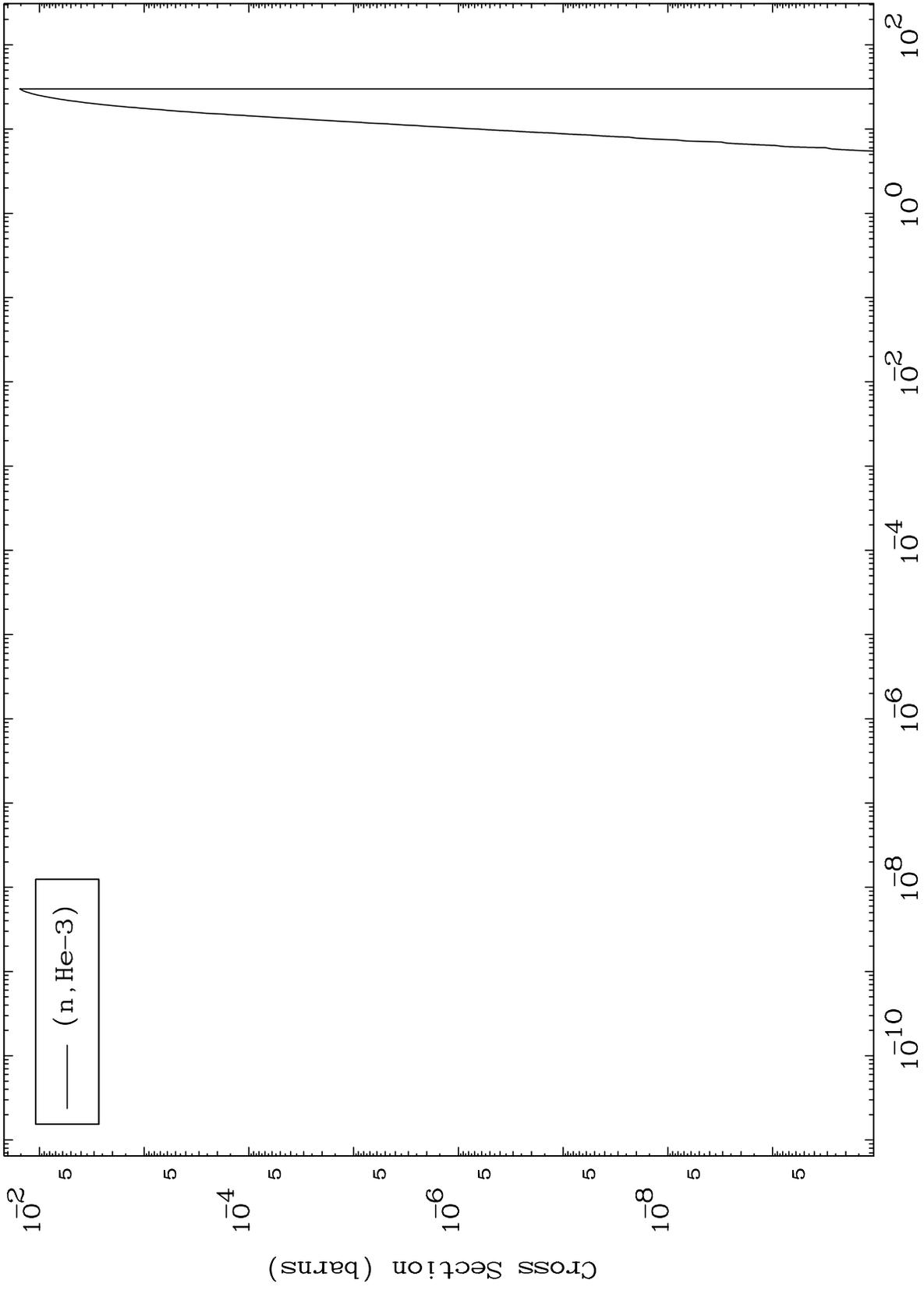
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-172



13

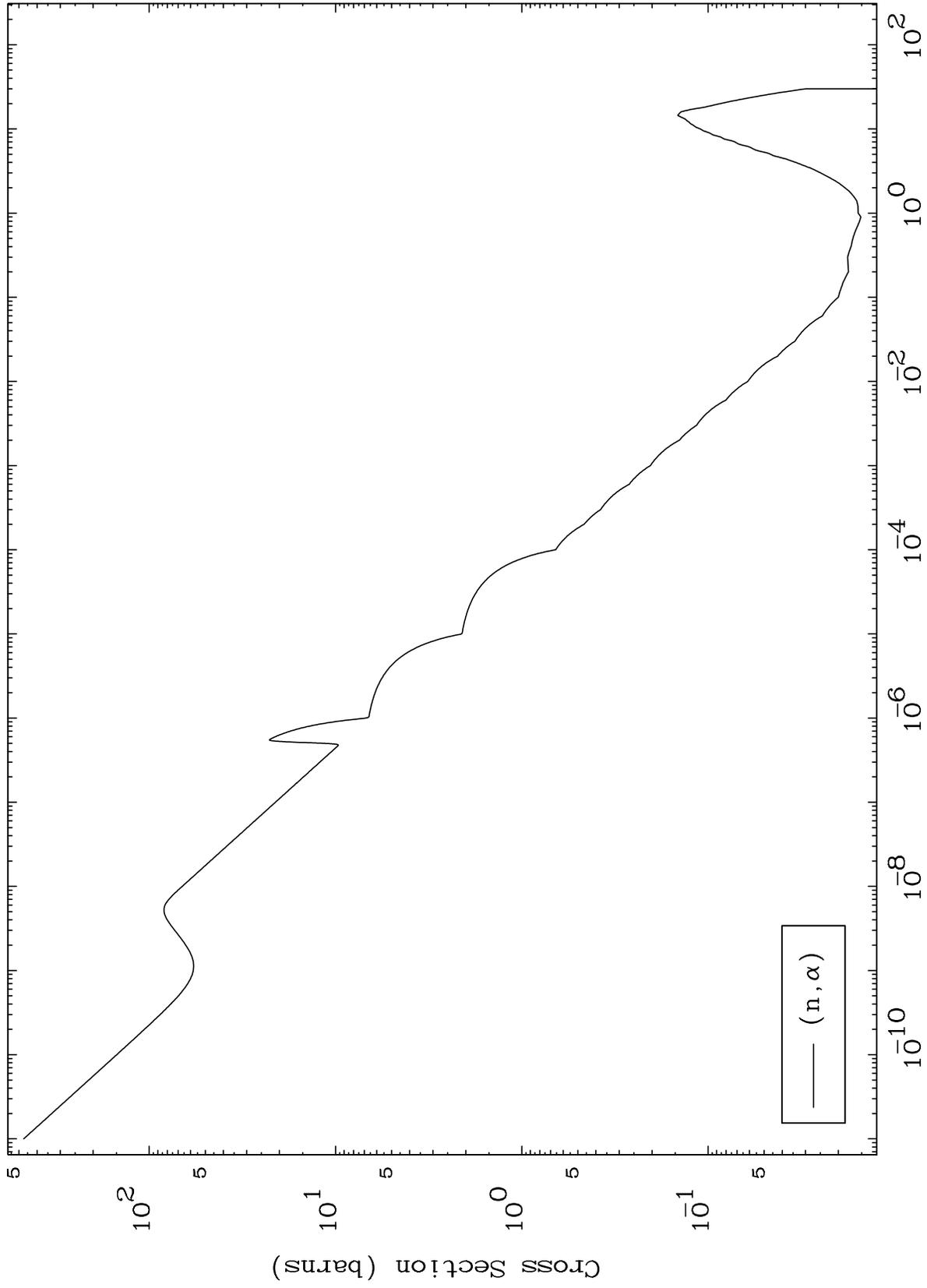
Incident Energy (MeV)

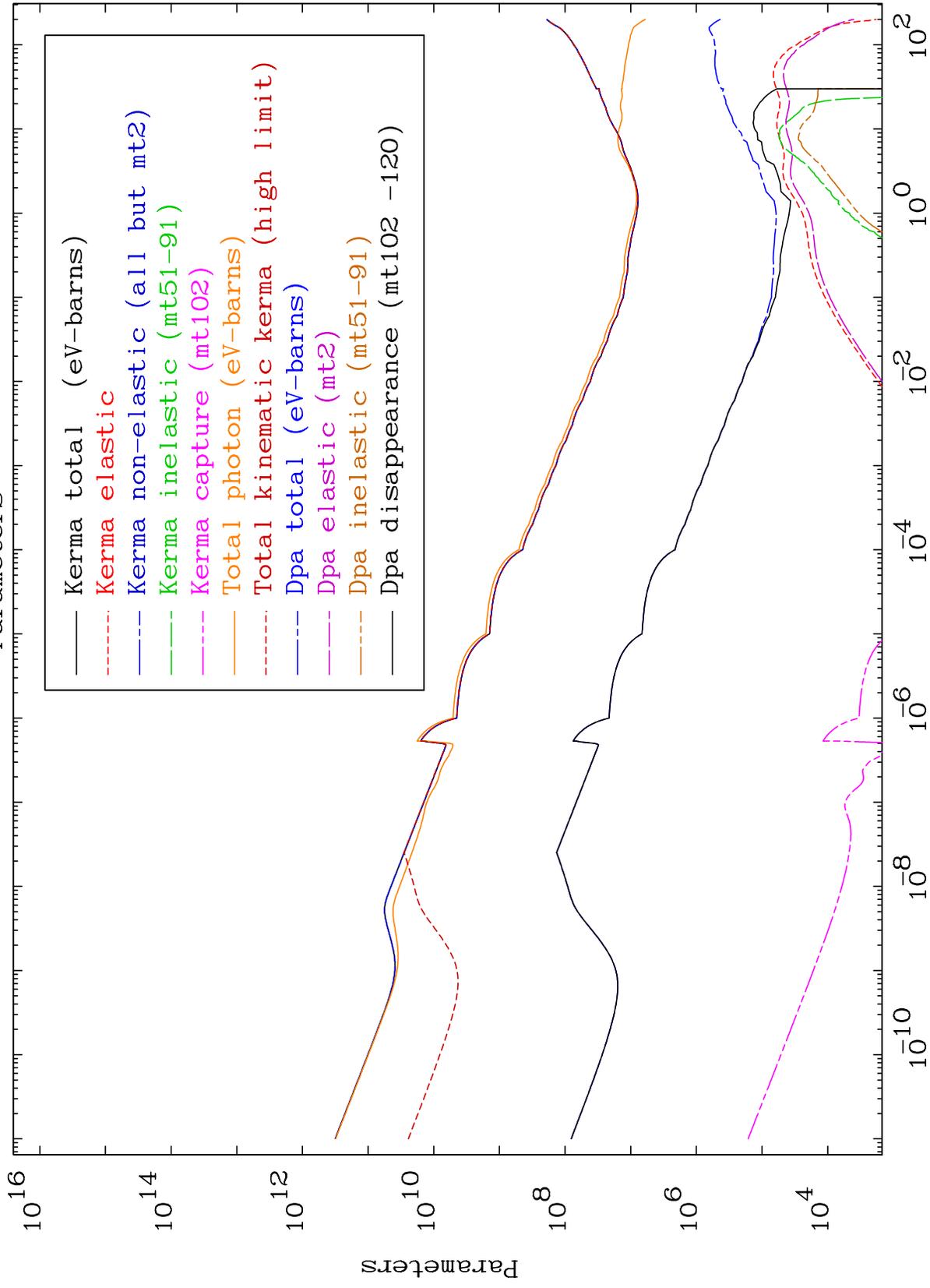
77-Ir-172

MAT 7668

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-172

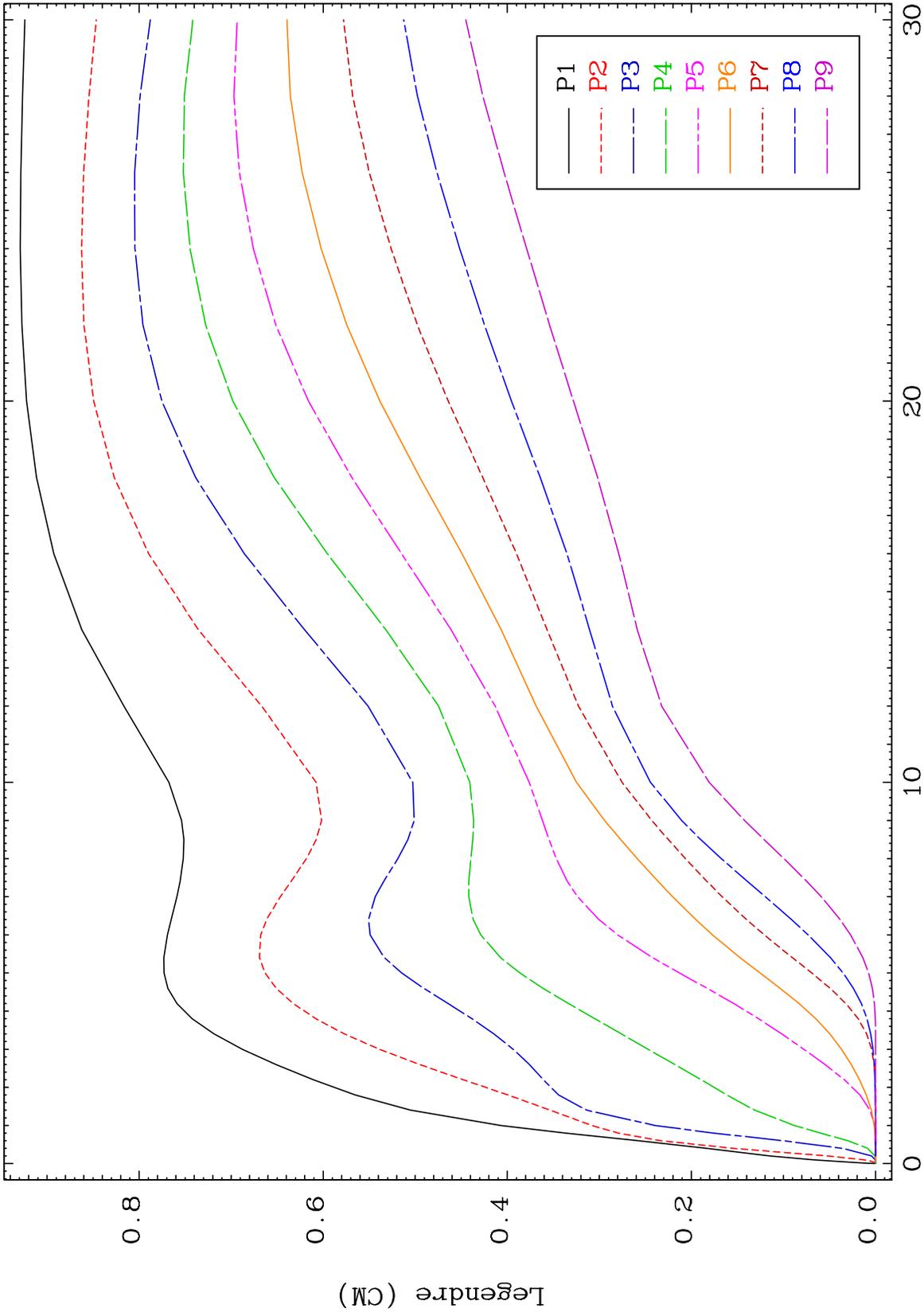




MAT 7668

Elastic Legendre Coefficients

77-Ir-172



16

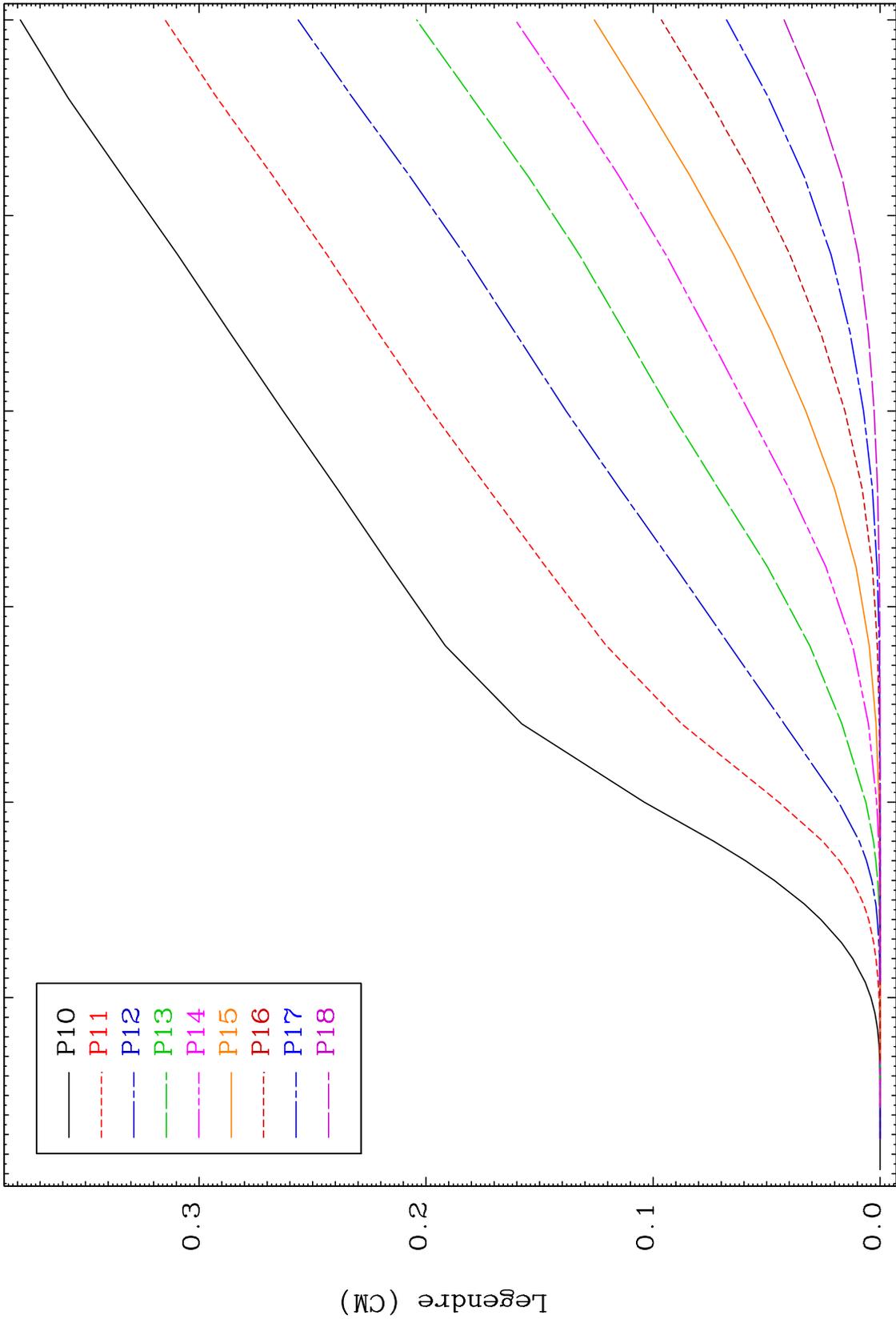
Incident Energy (MeV)

77-Ir-172

MAT 7668

Elastic Legendre Coefficients

77-Ir-172



17

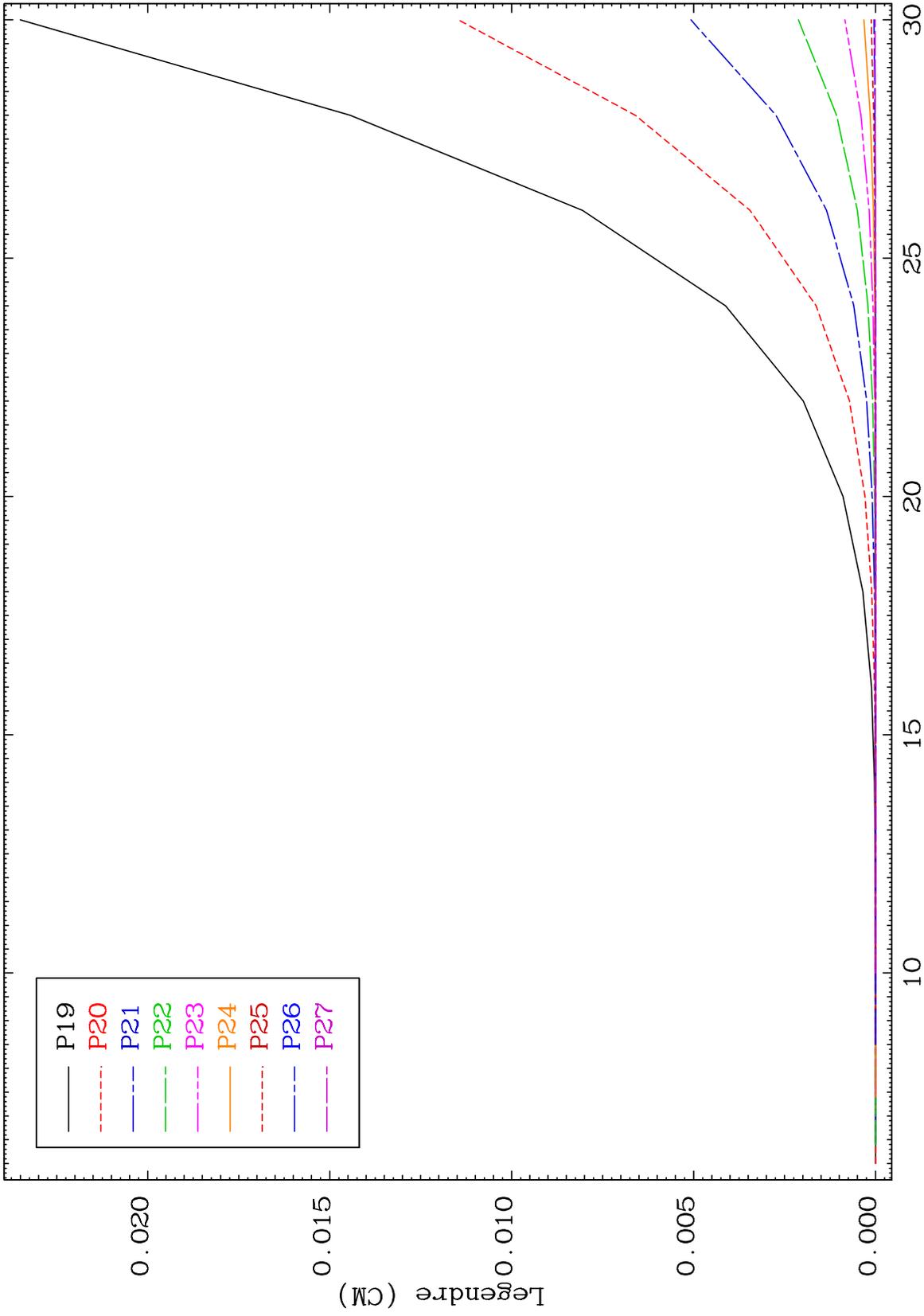
Incident Energy (MeV)

77-Ir-172

MAT 7668

Elastic Legendre Coefficients

77-Ir-172



18

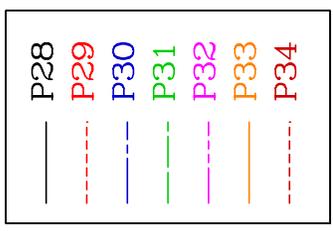
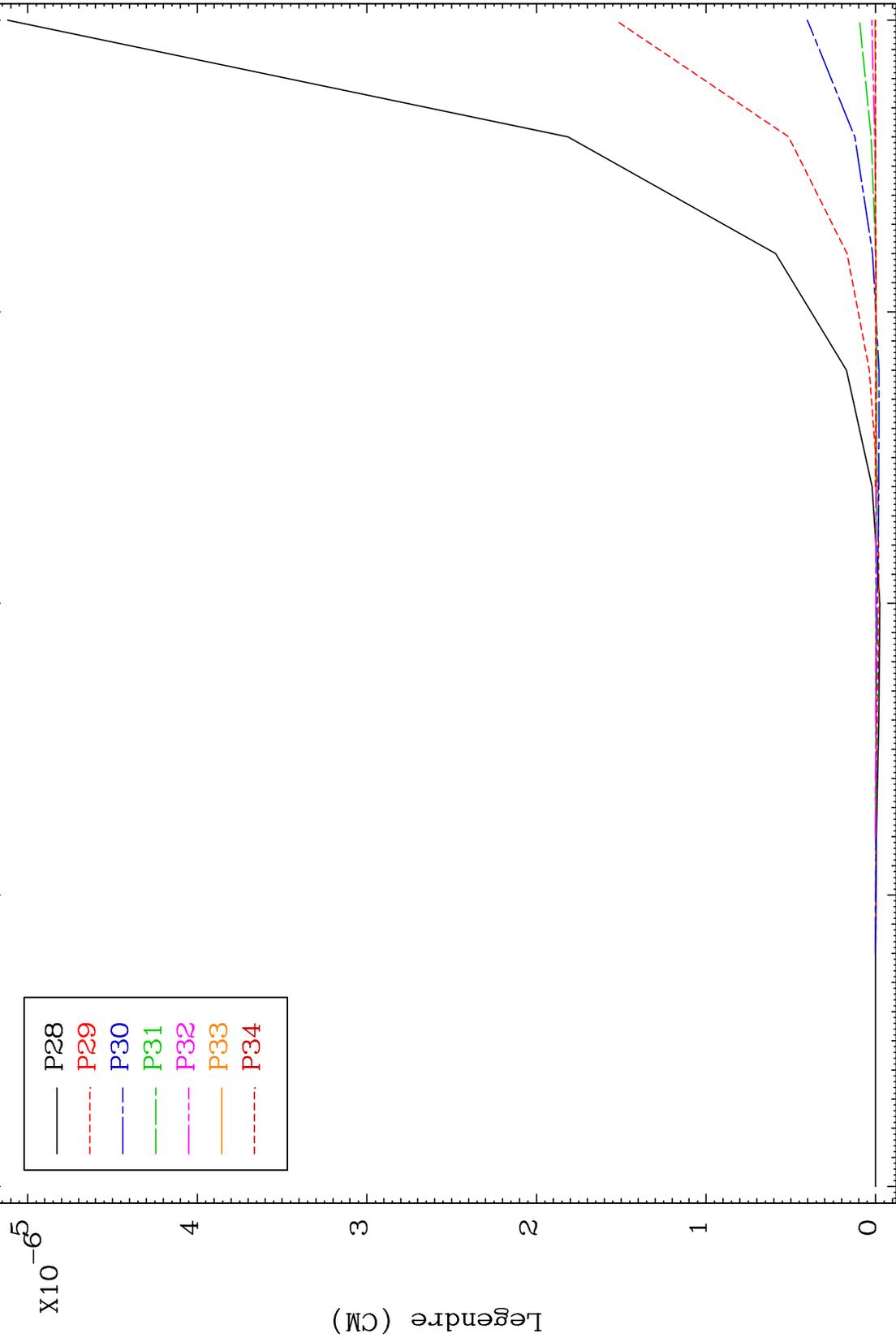
Incident Energy (MeV)

77-Ir-172

MAT 7668

Elastic Legendre Coefficients

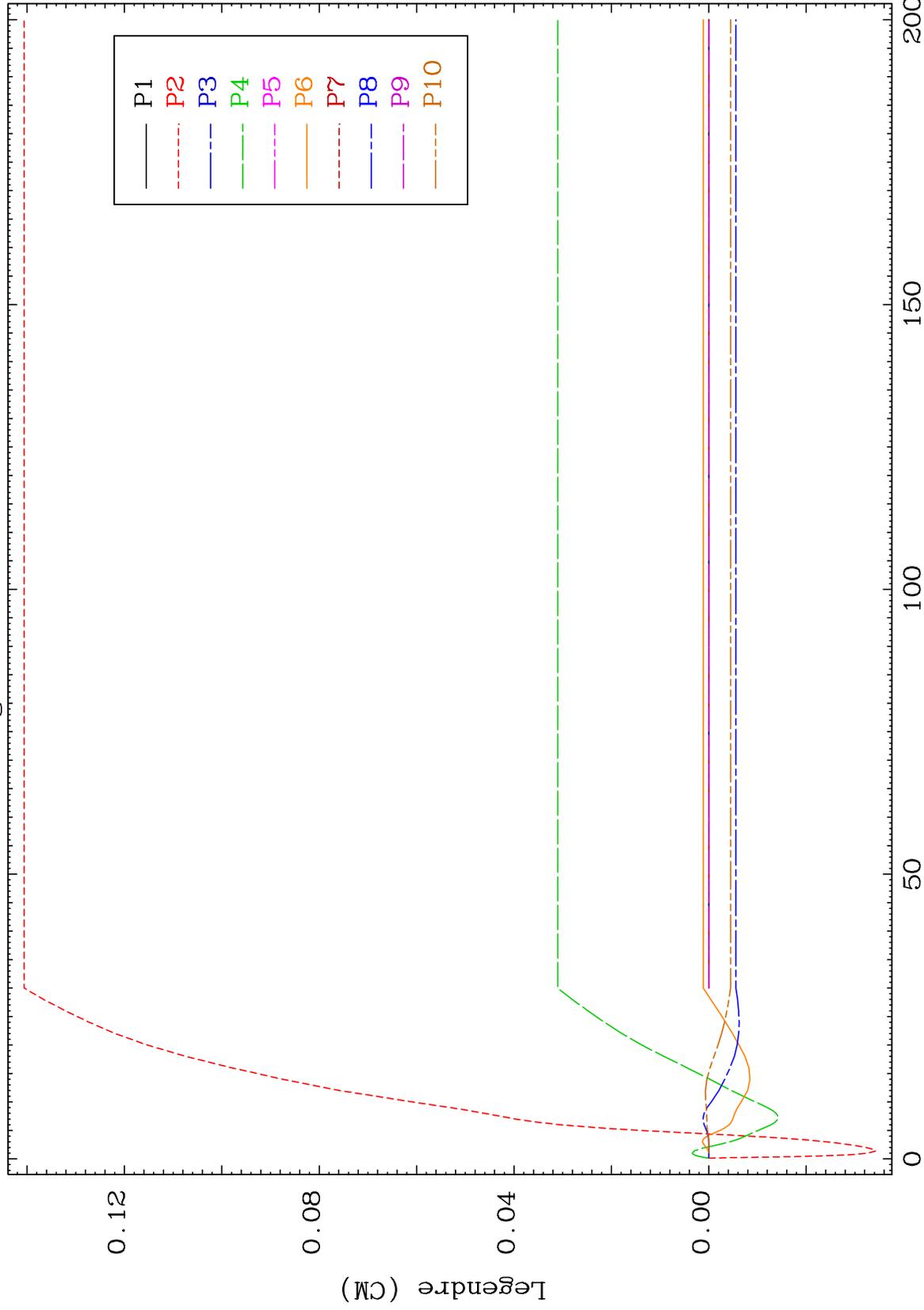
77-Ir-172



MAT 7668

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

77-Ir-172



77-Ir-172

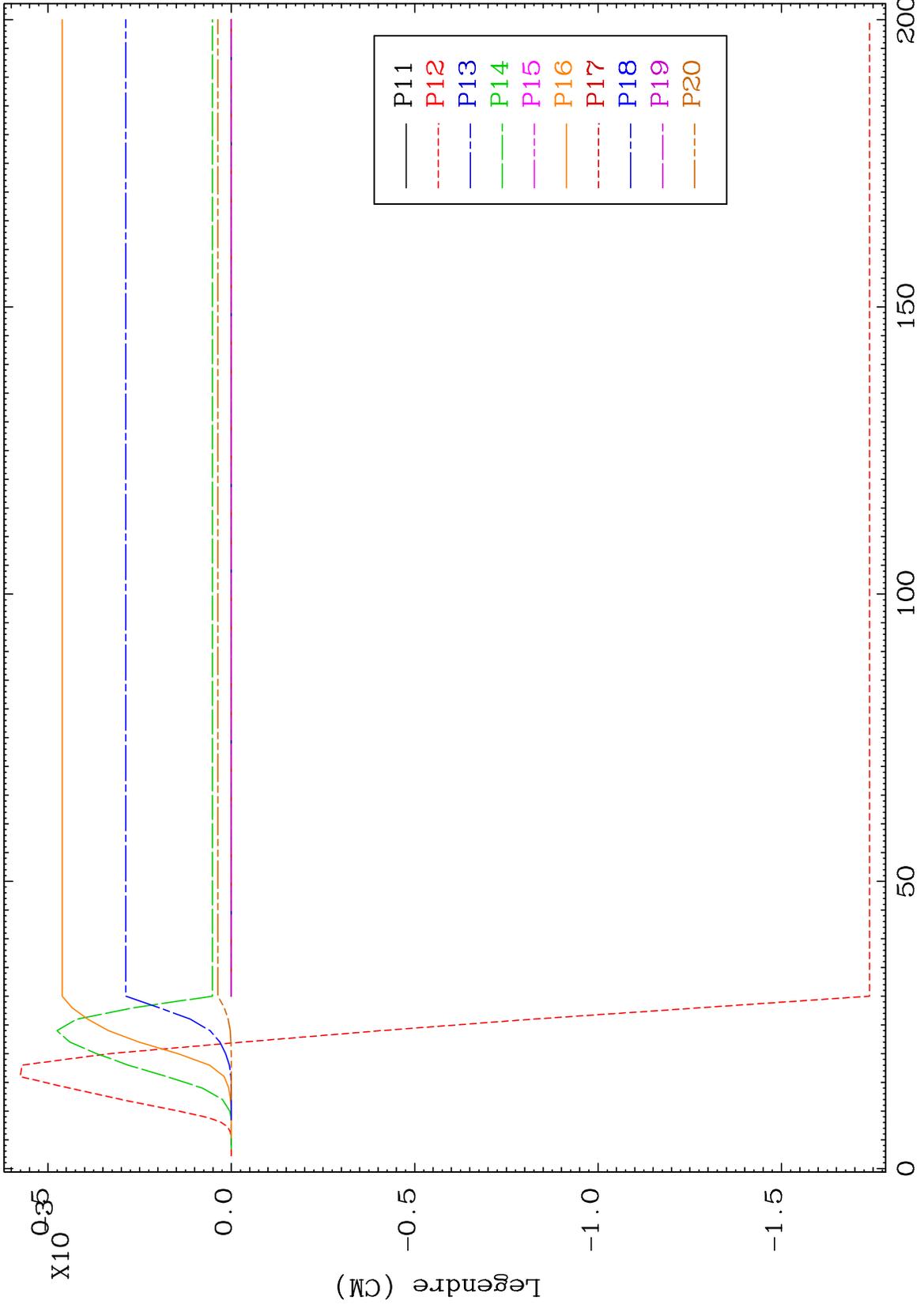
Incident Energy (MeV)

20

MAT 7668

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

77-Ir-172



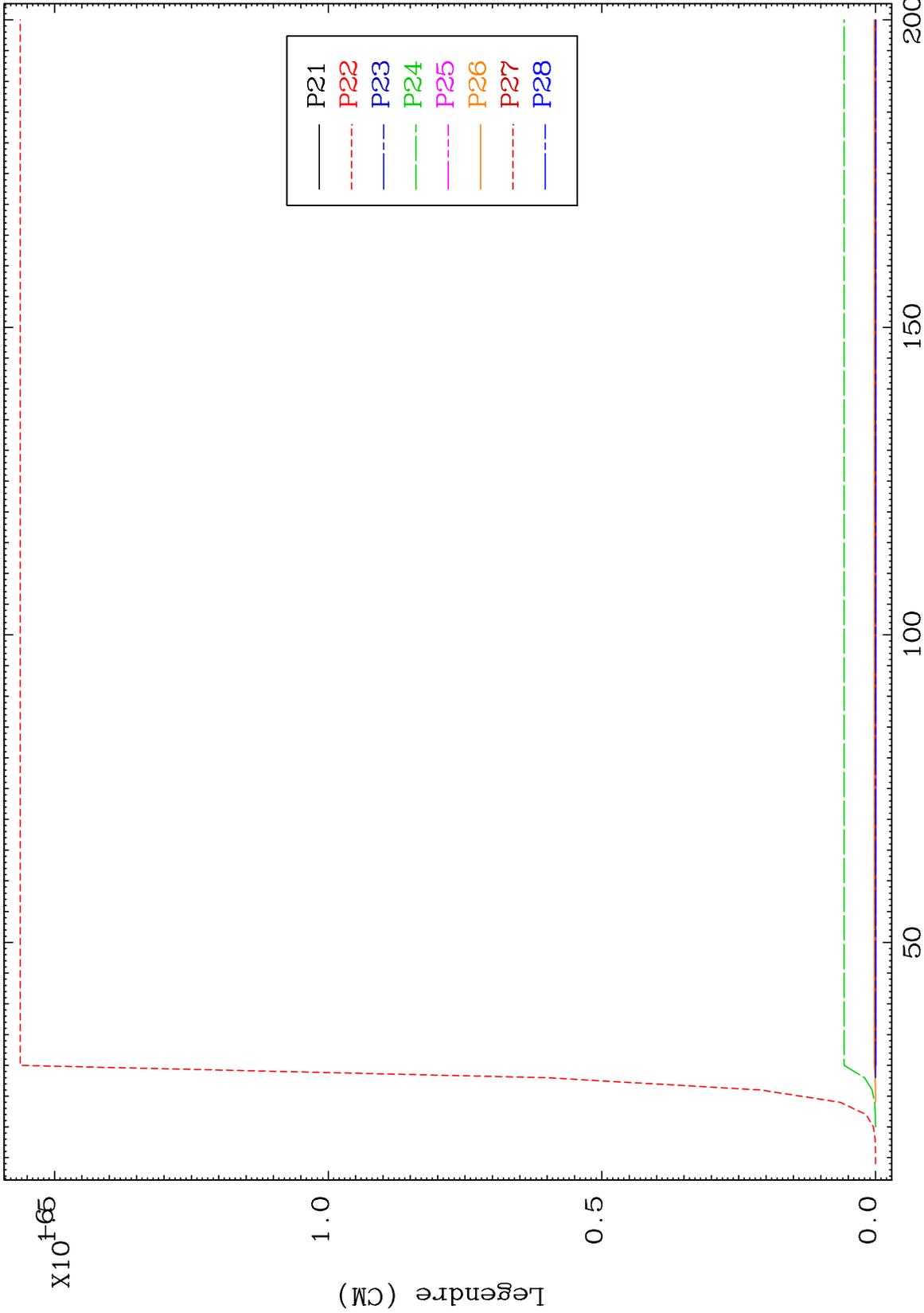
21

77-Ir-172

MAT 7668

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

77-Ir-172



22

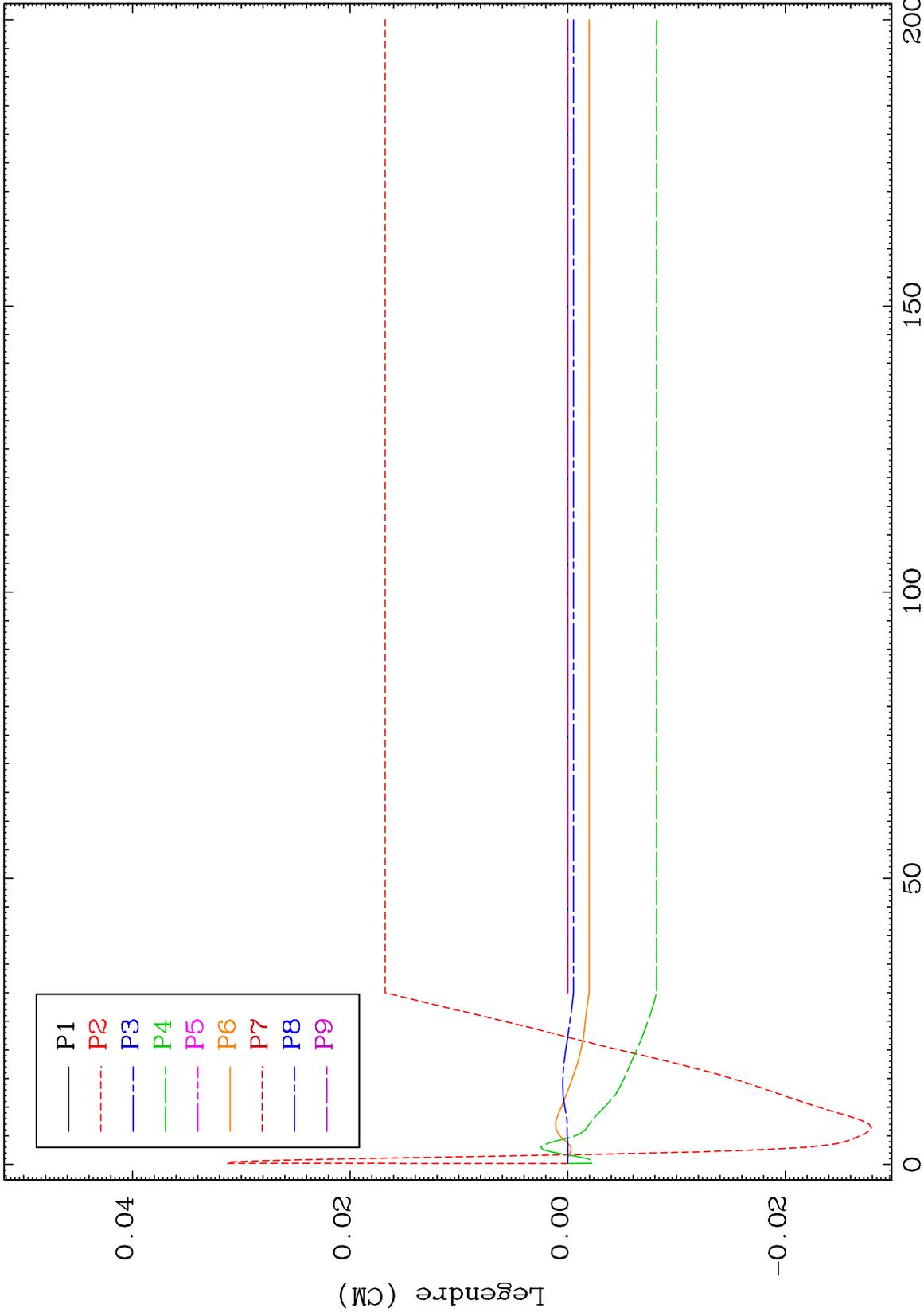
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



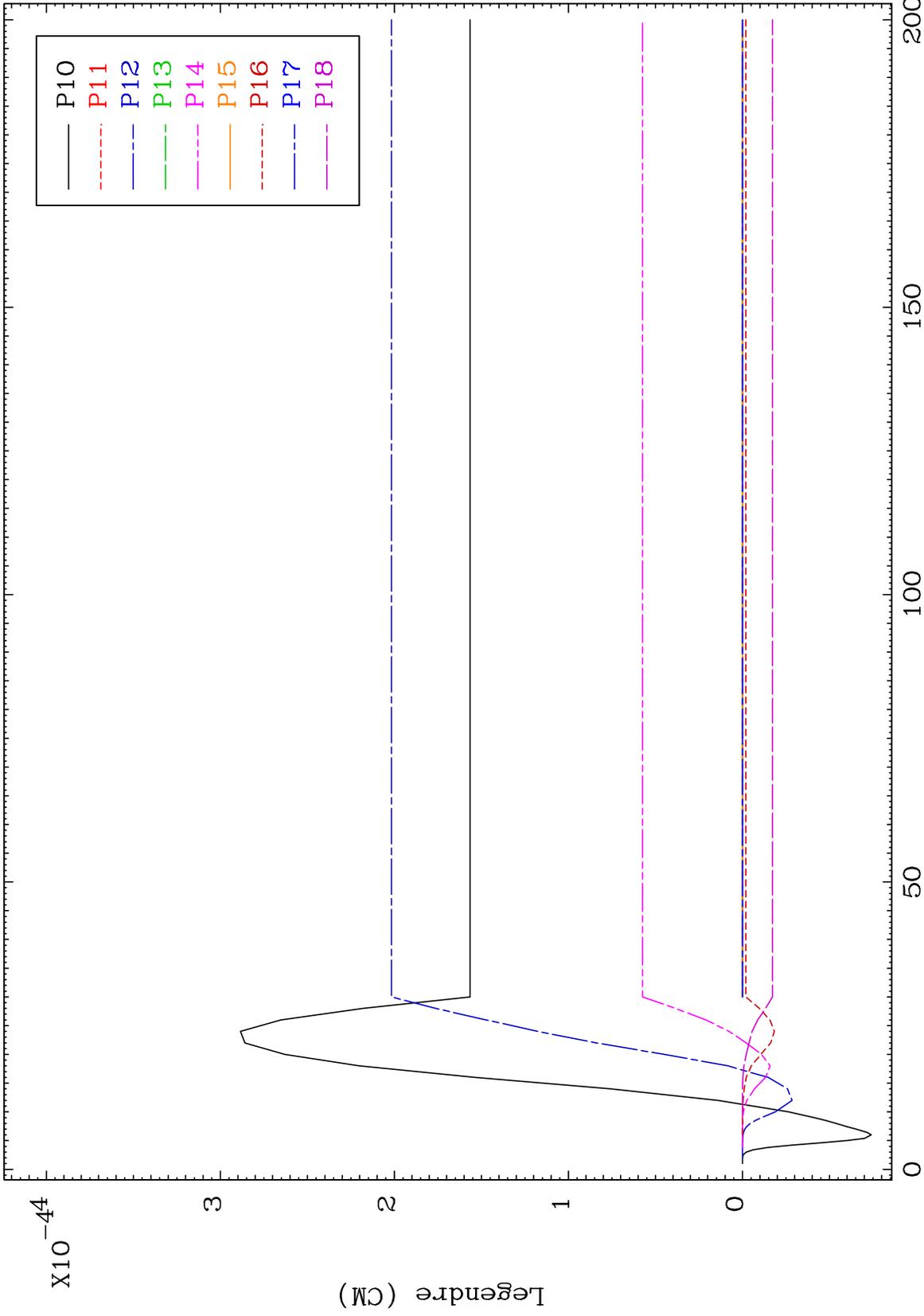
23

77-Ir-172

MAT 7668

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

77-Ir-172



24

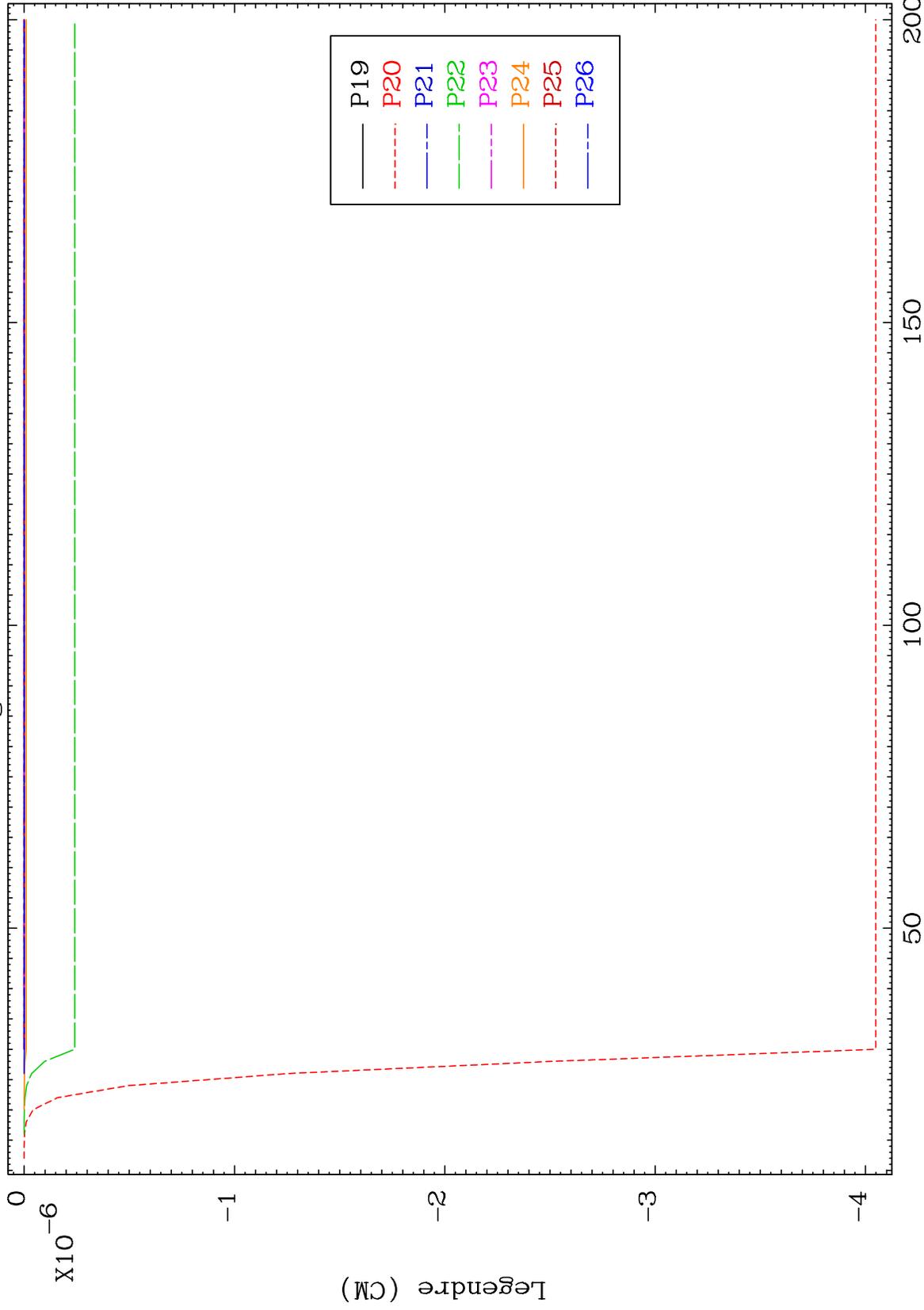
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



25

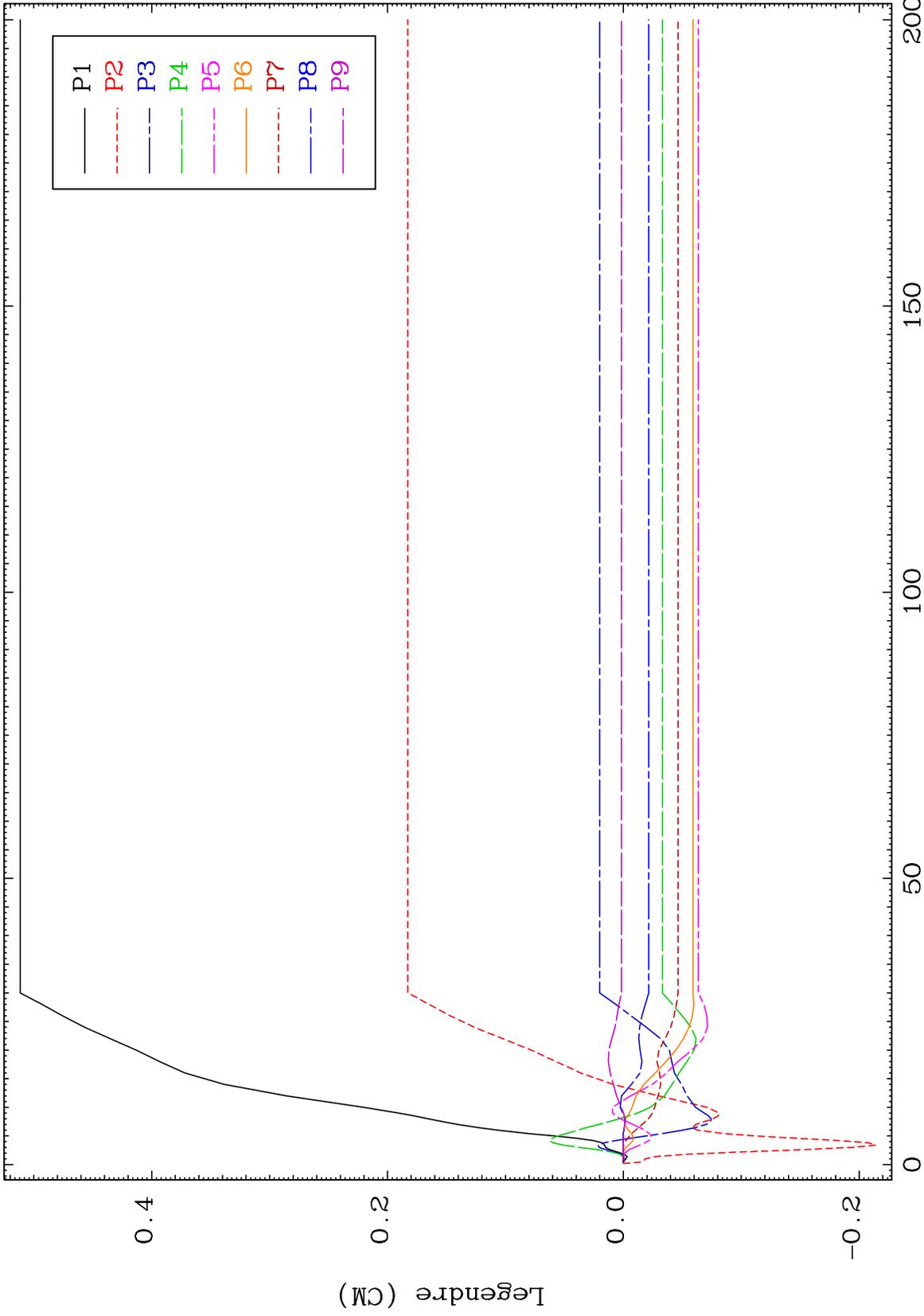
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



26

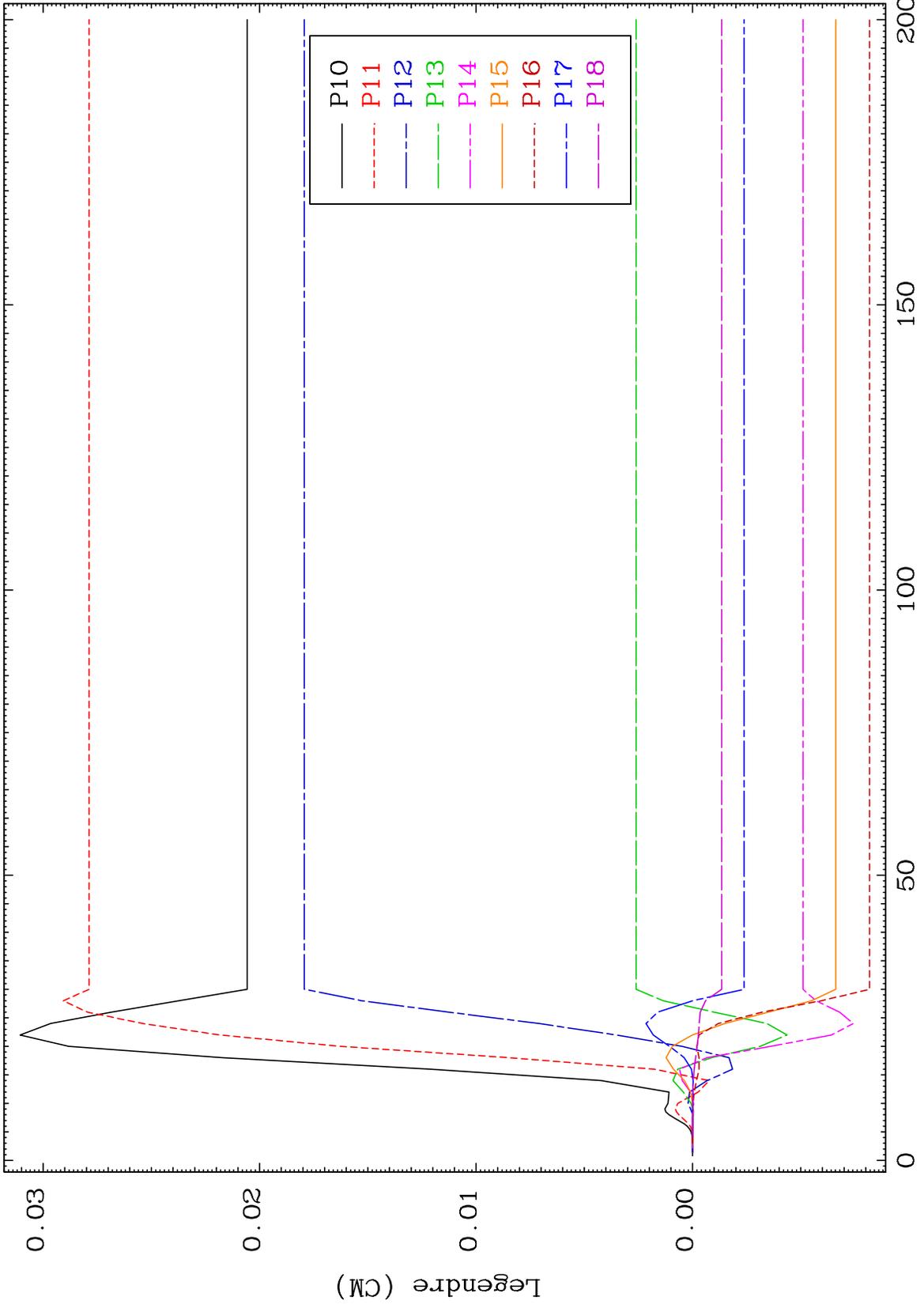
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



27

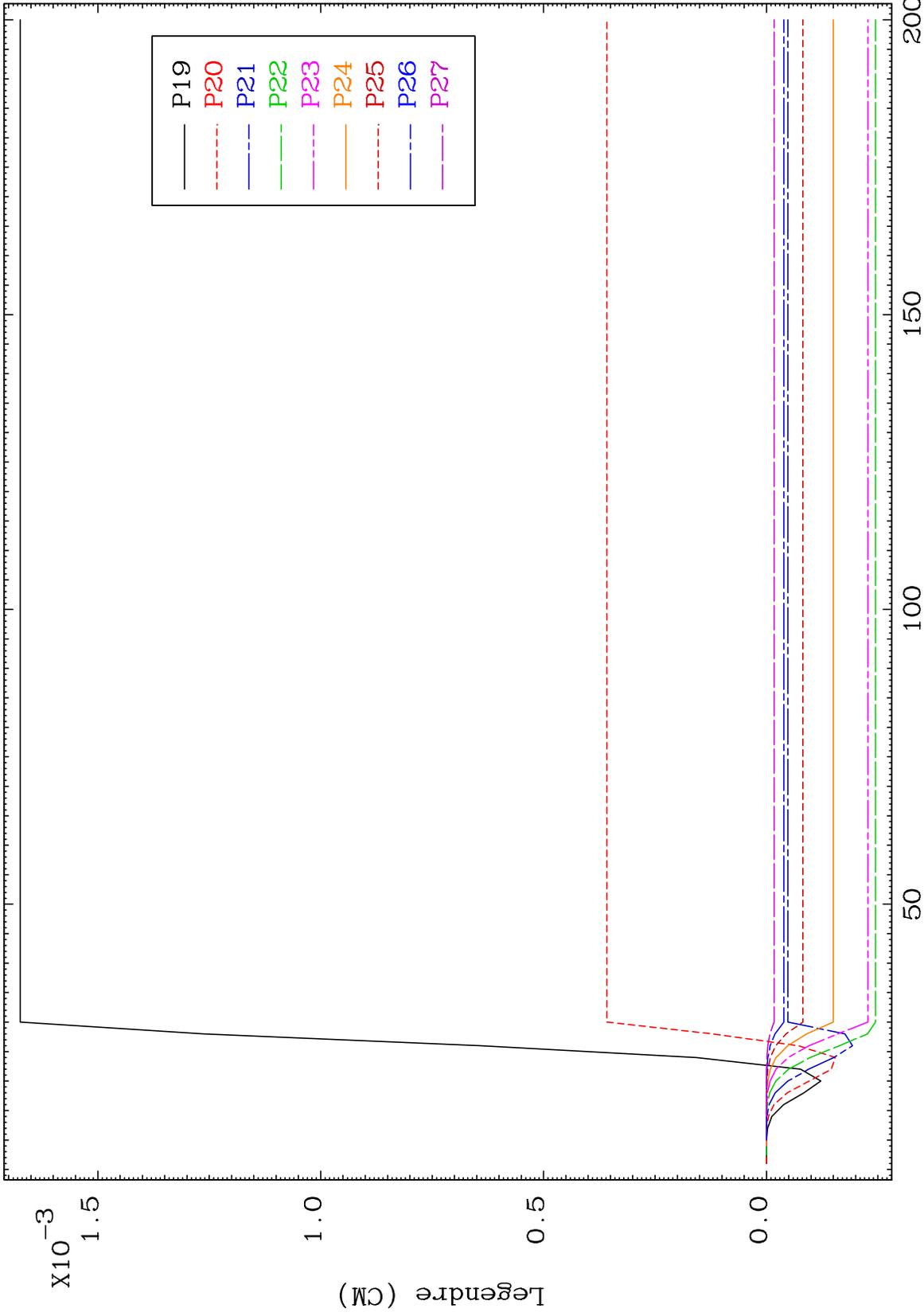
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



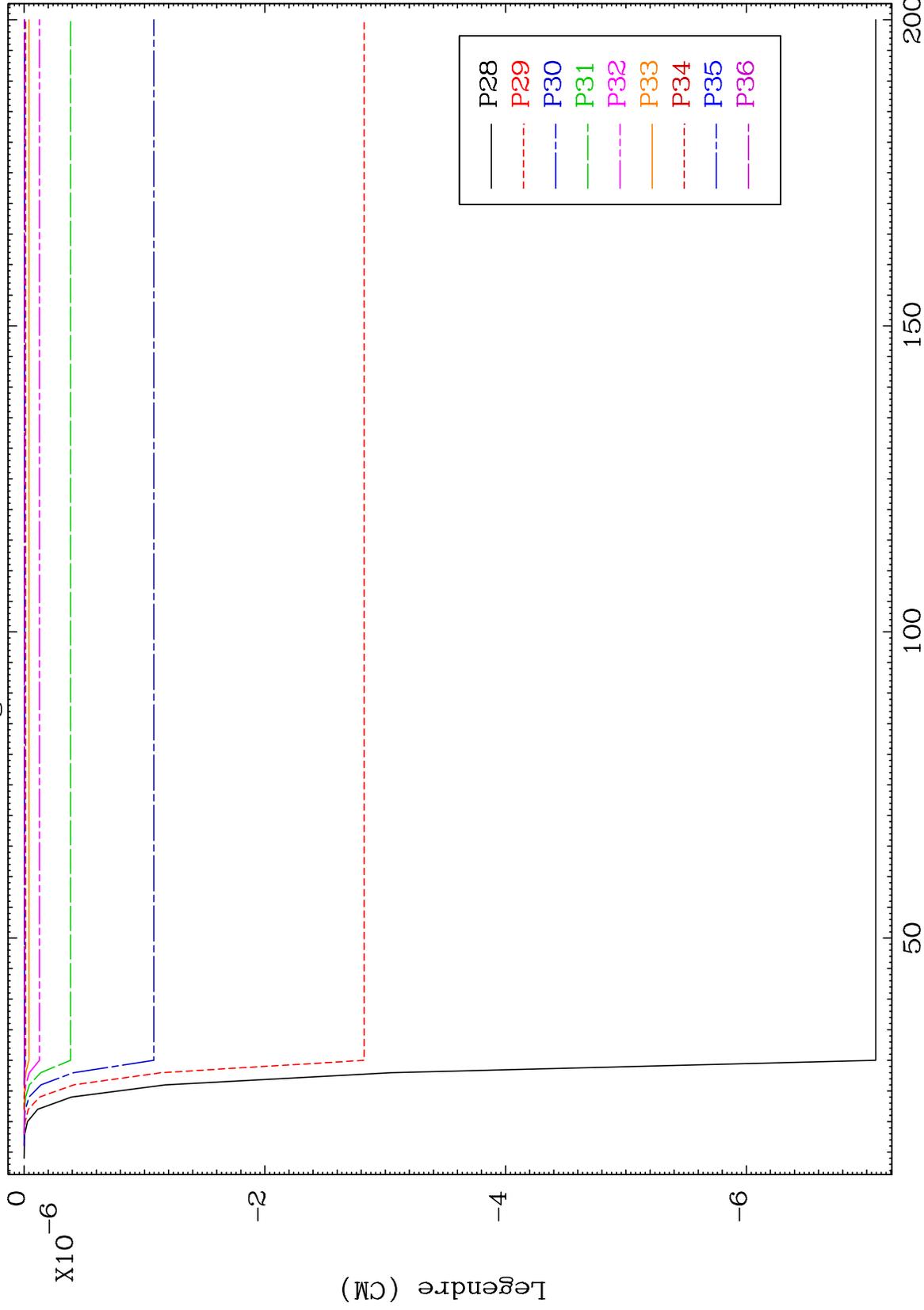
28

77-Ir-172

MAT 7668

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

77-Ir-172



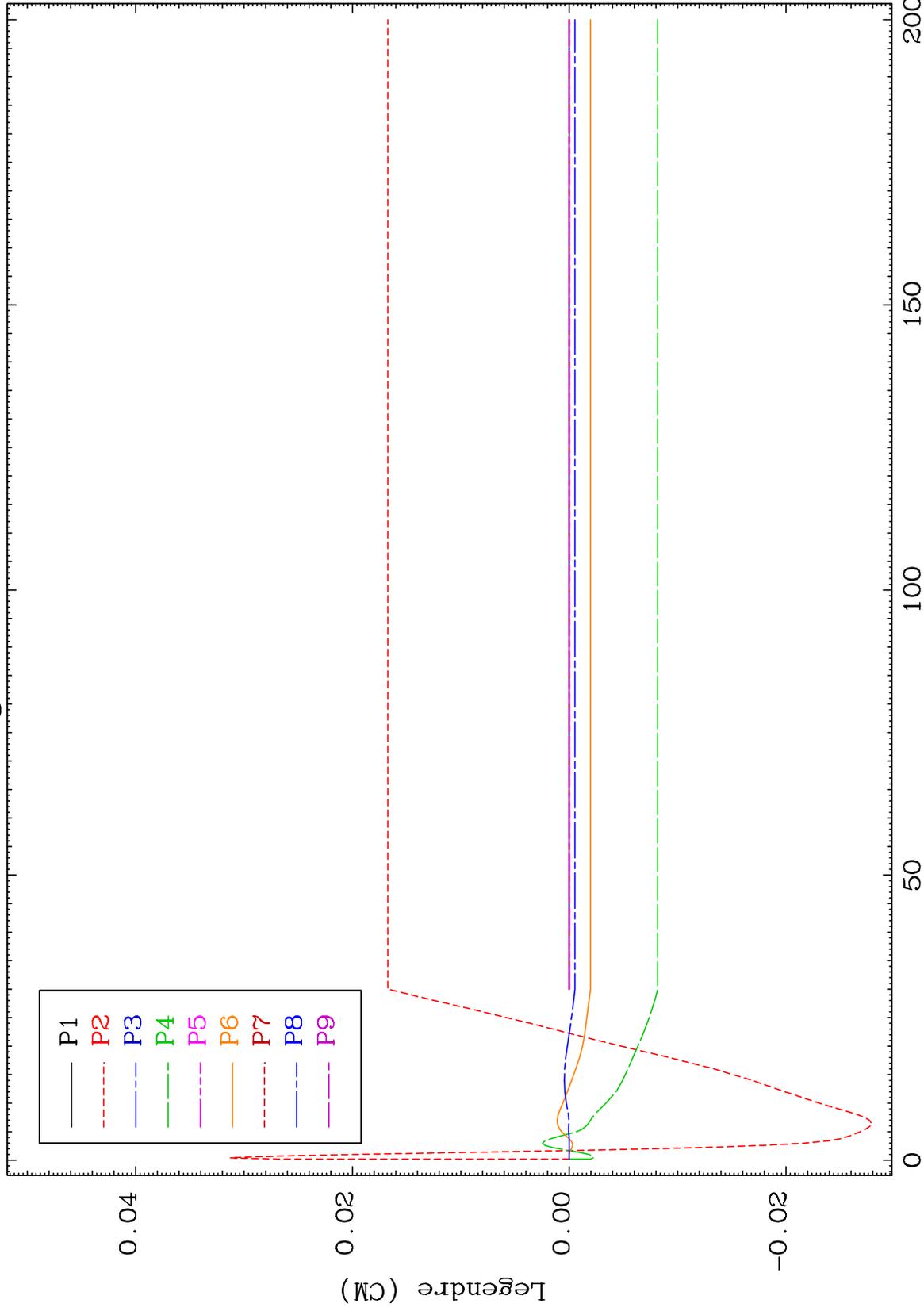
29

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

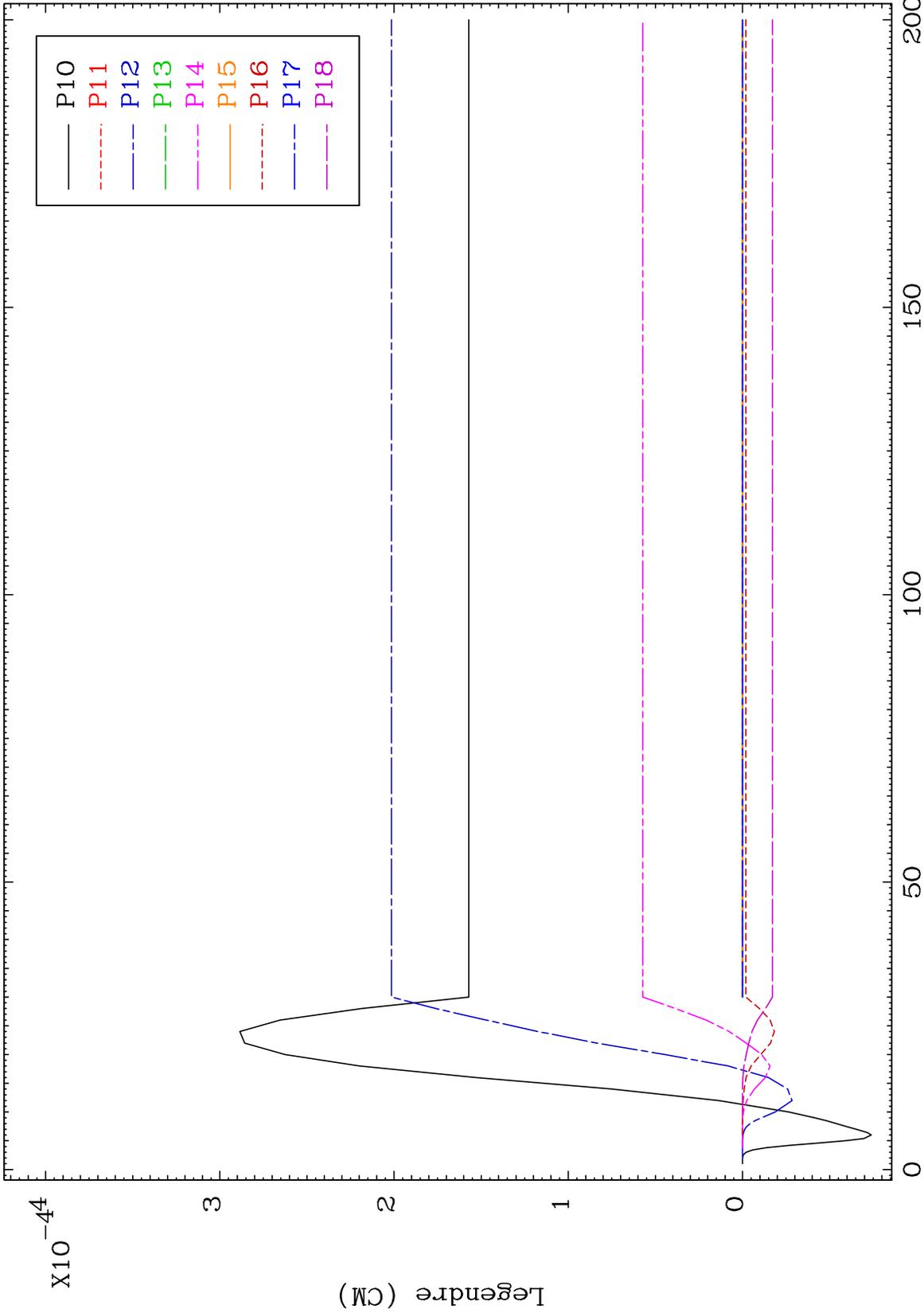
Incident Energy (MeV)

30

MAT 7668

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

77-Ir-172



31

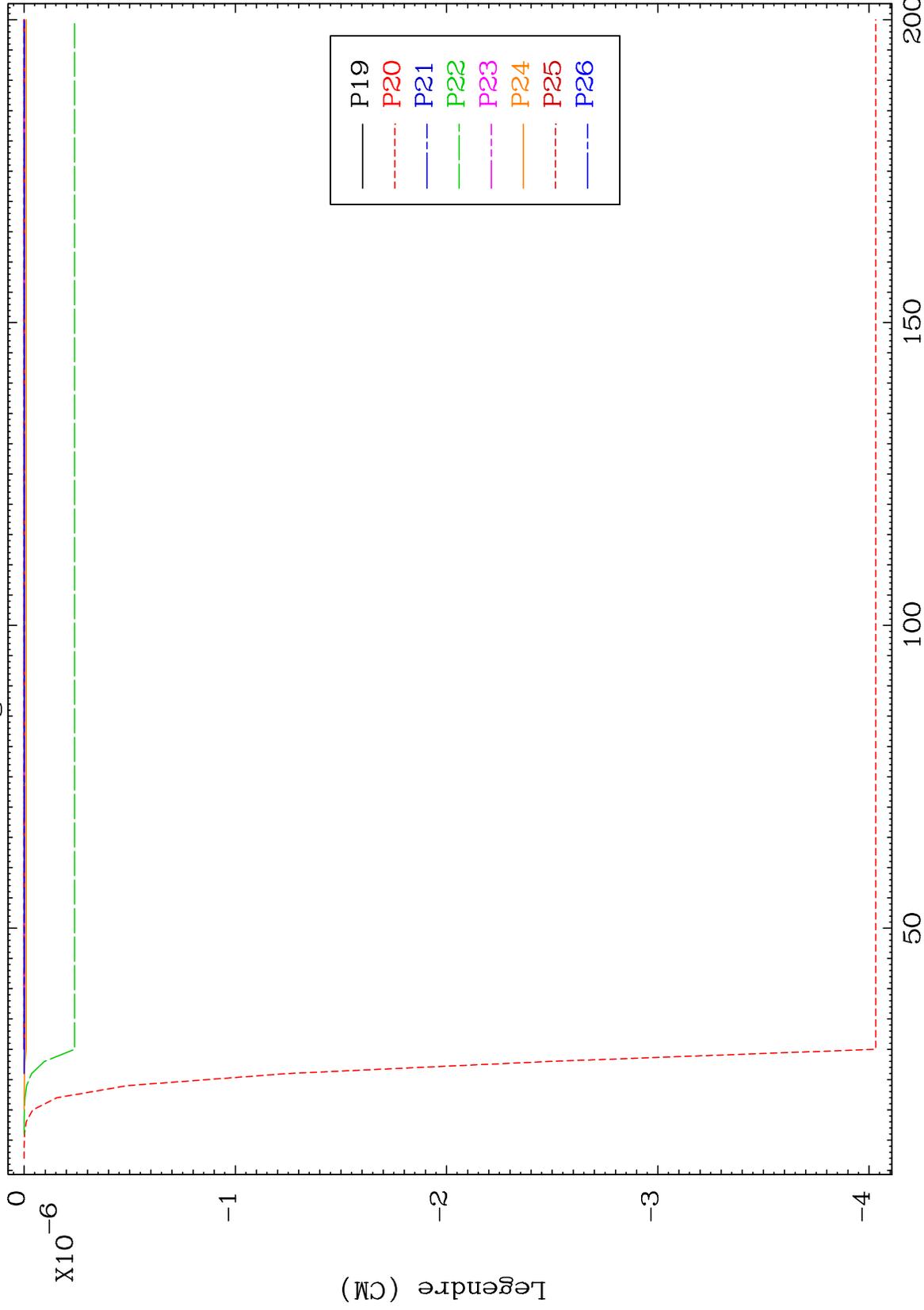
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



32

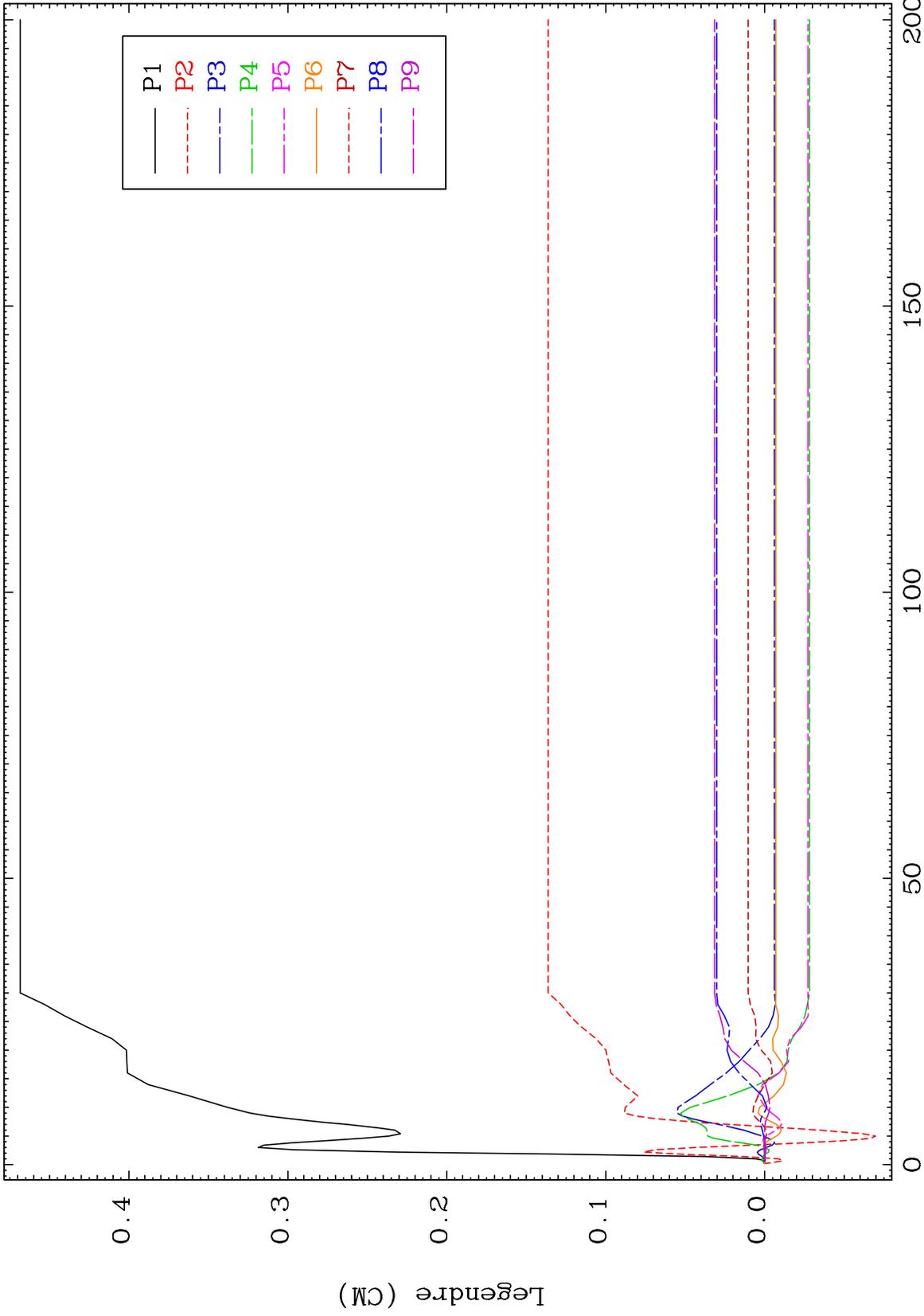
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



33

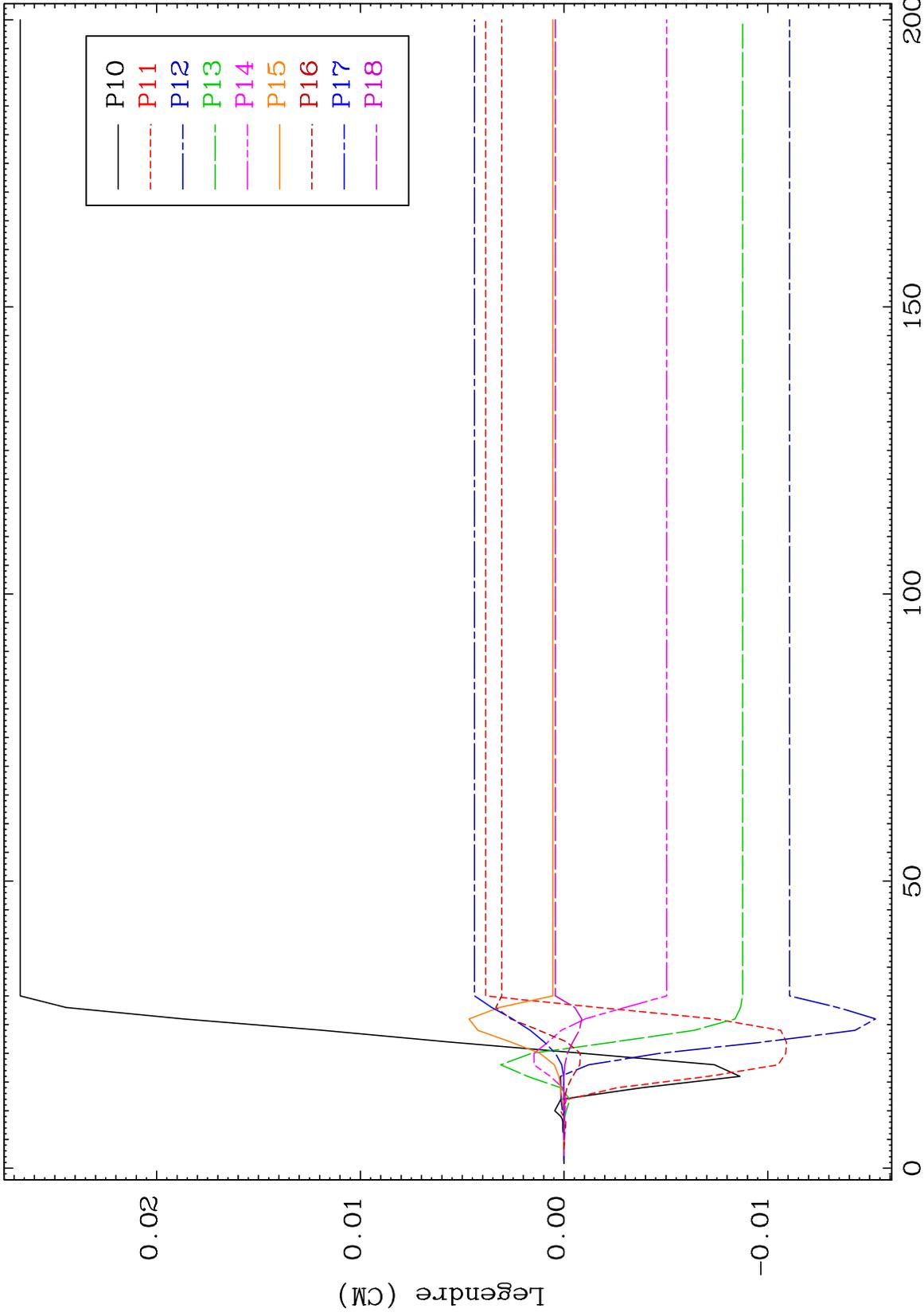
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



34

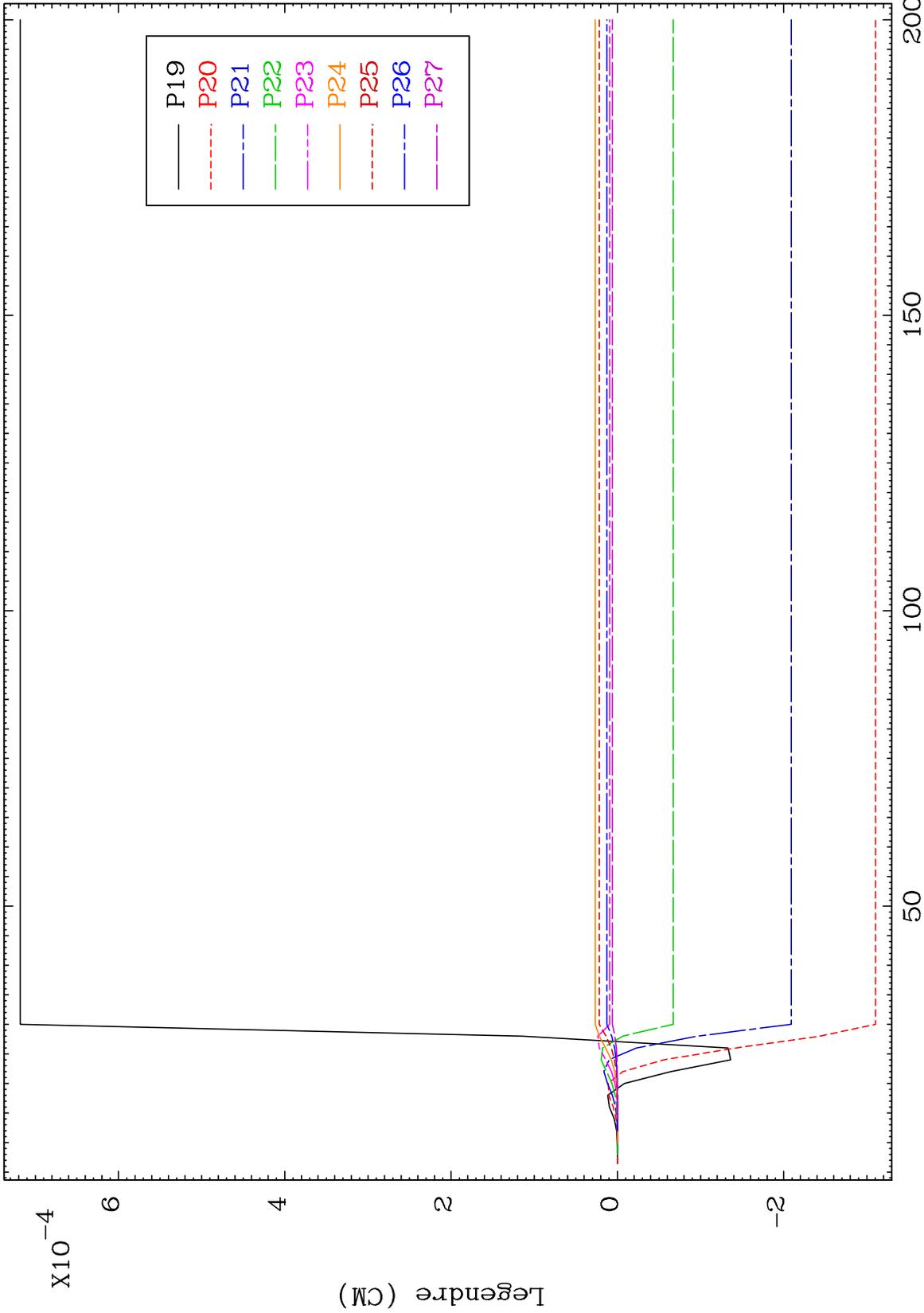
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



35

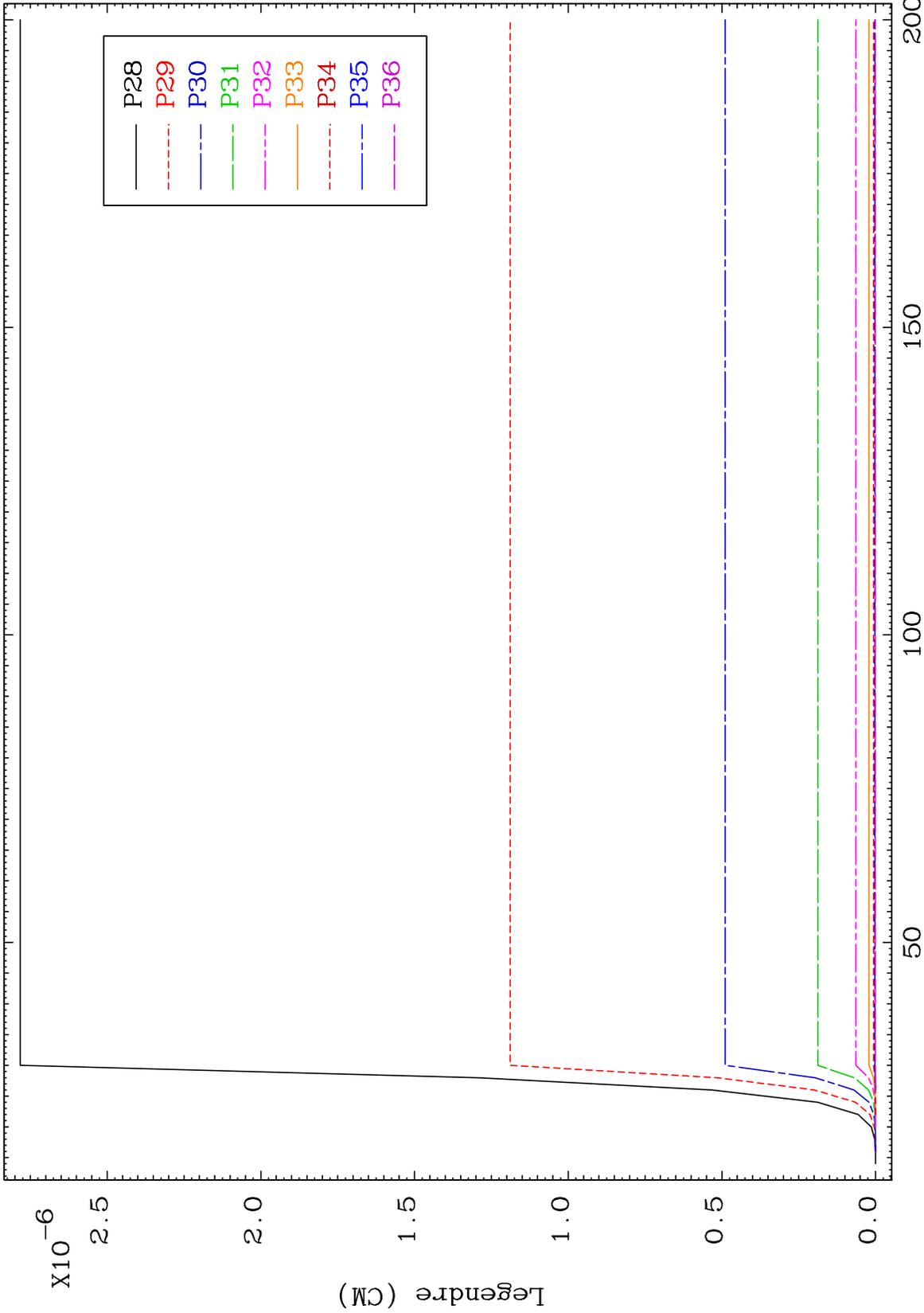
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



36

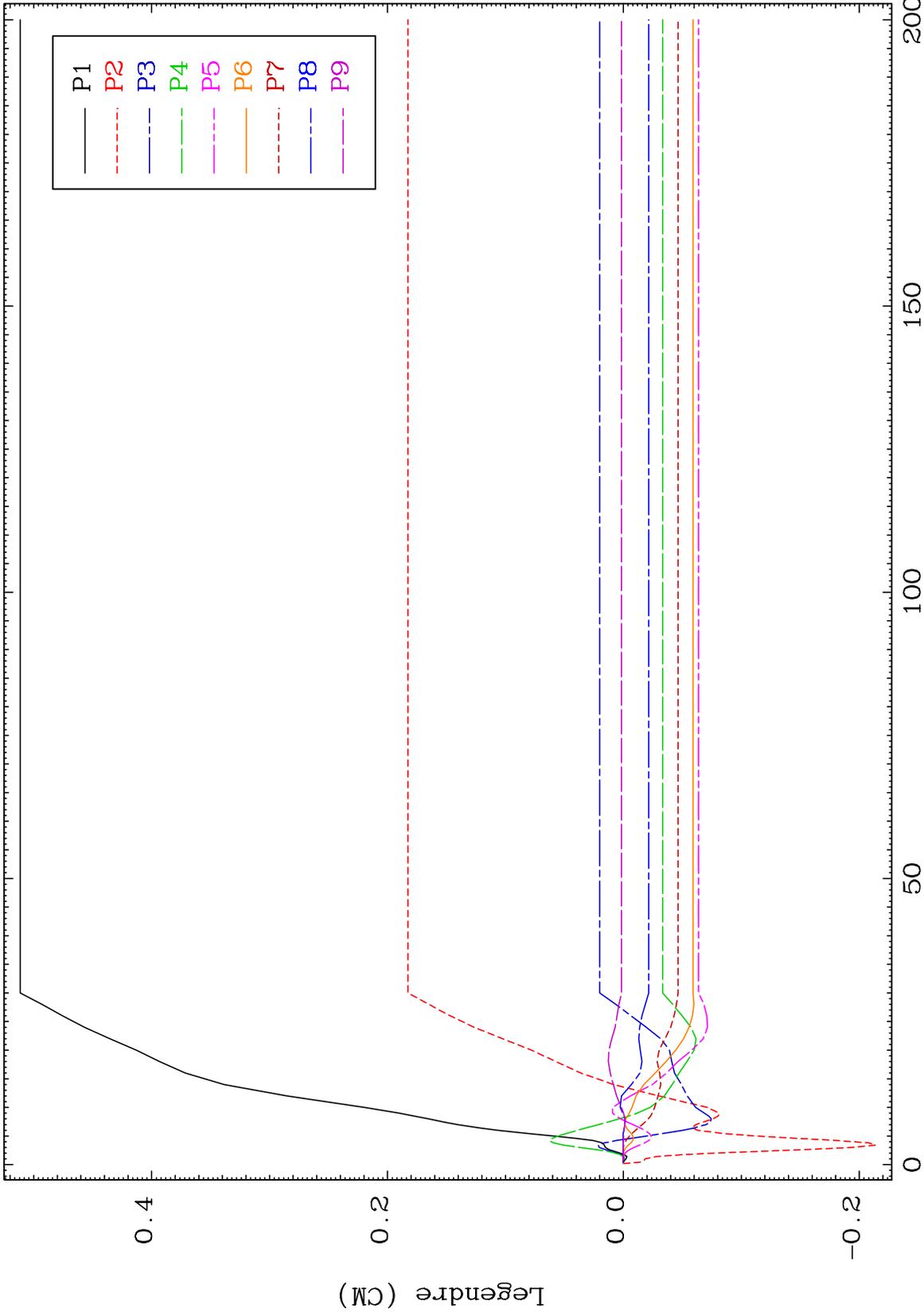
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



37

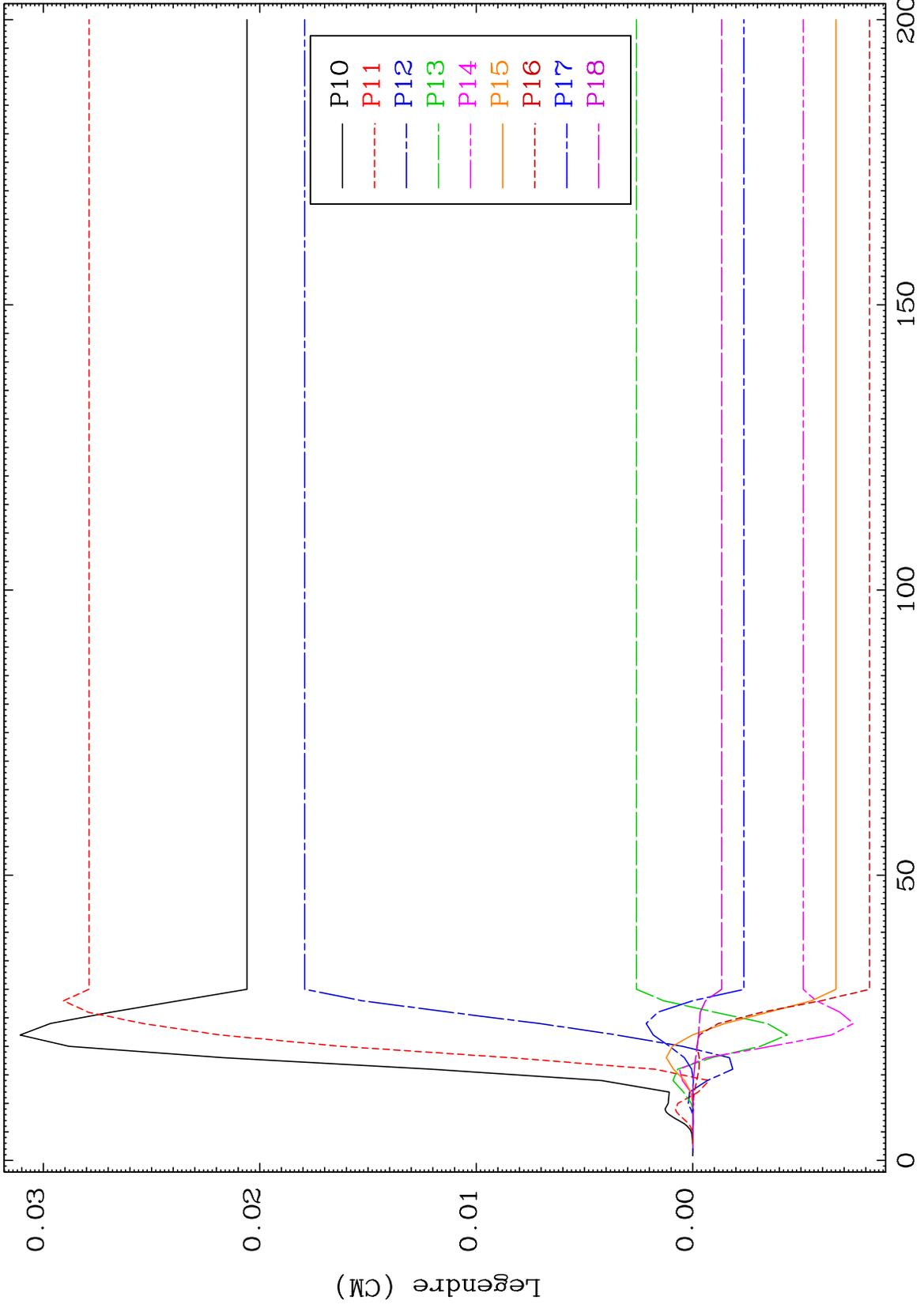
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



38

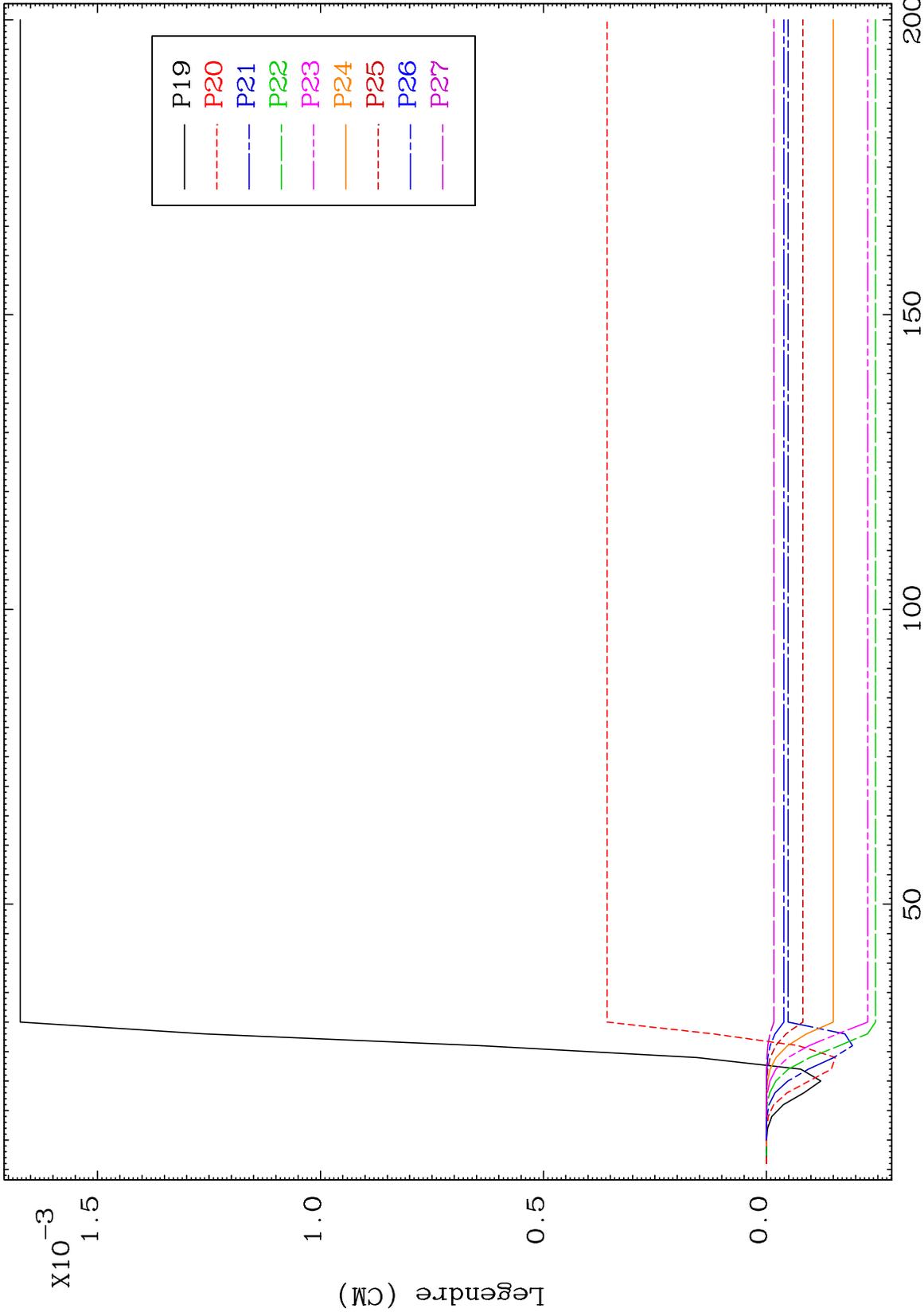
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



39

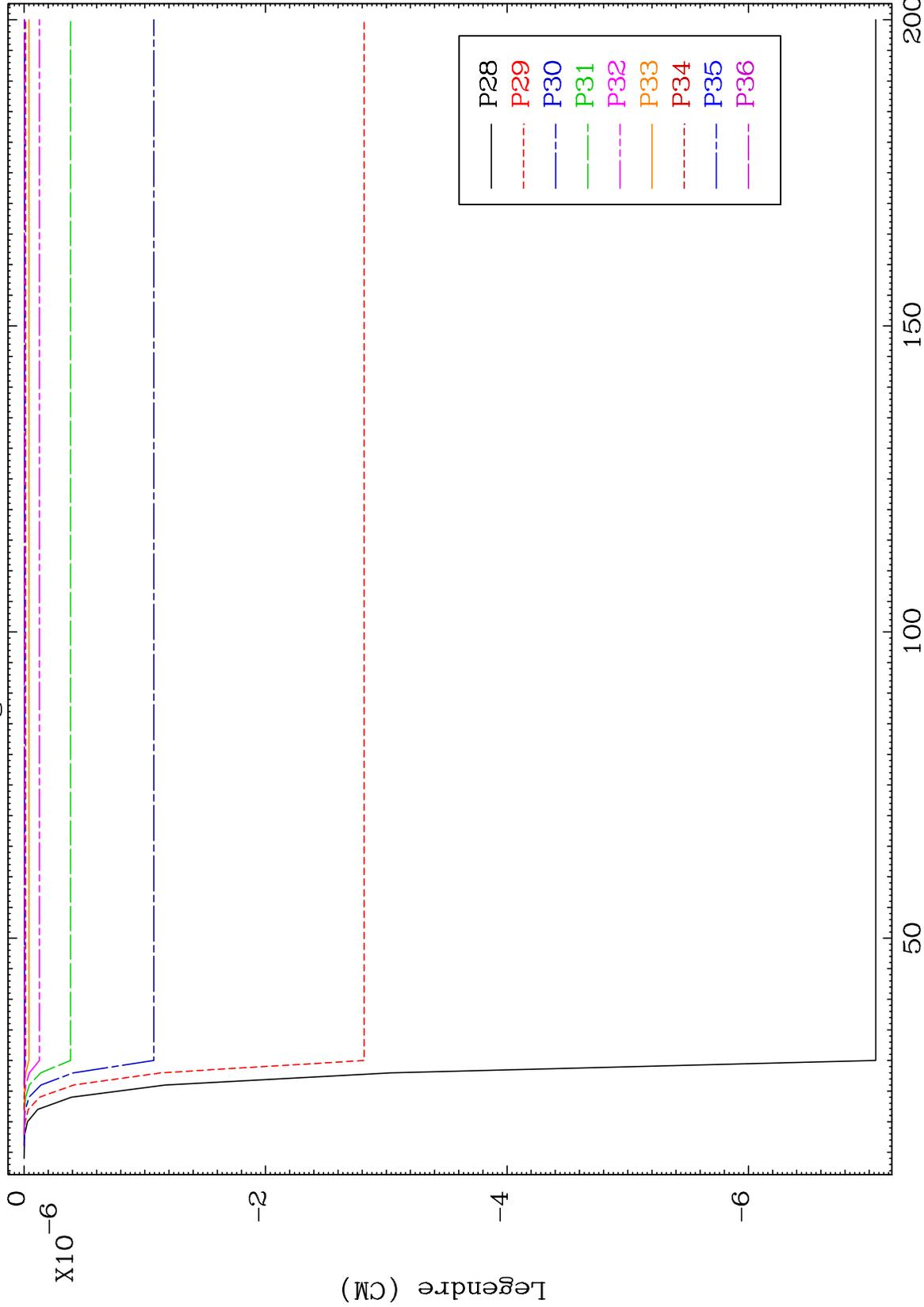
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



40

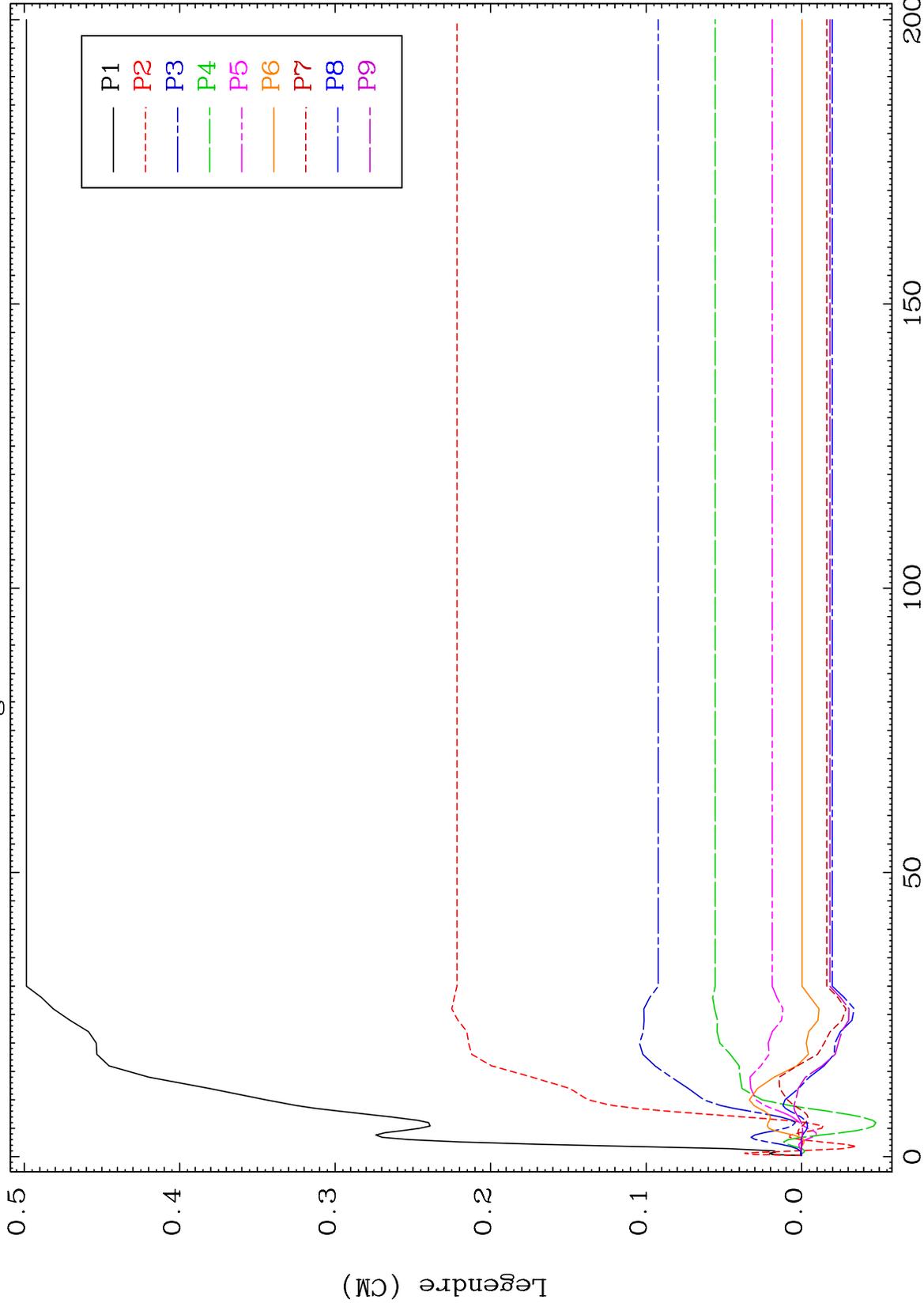
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



41

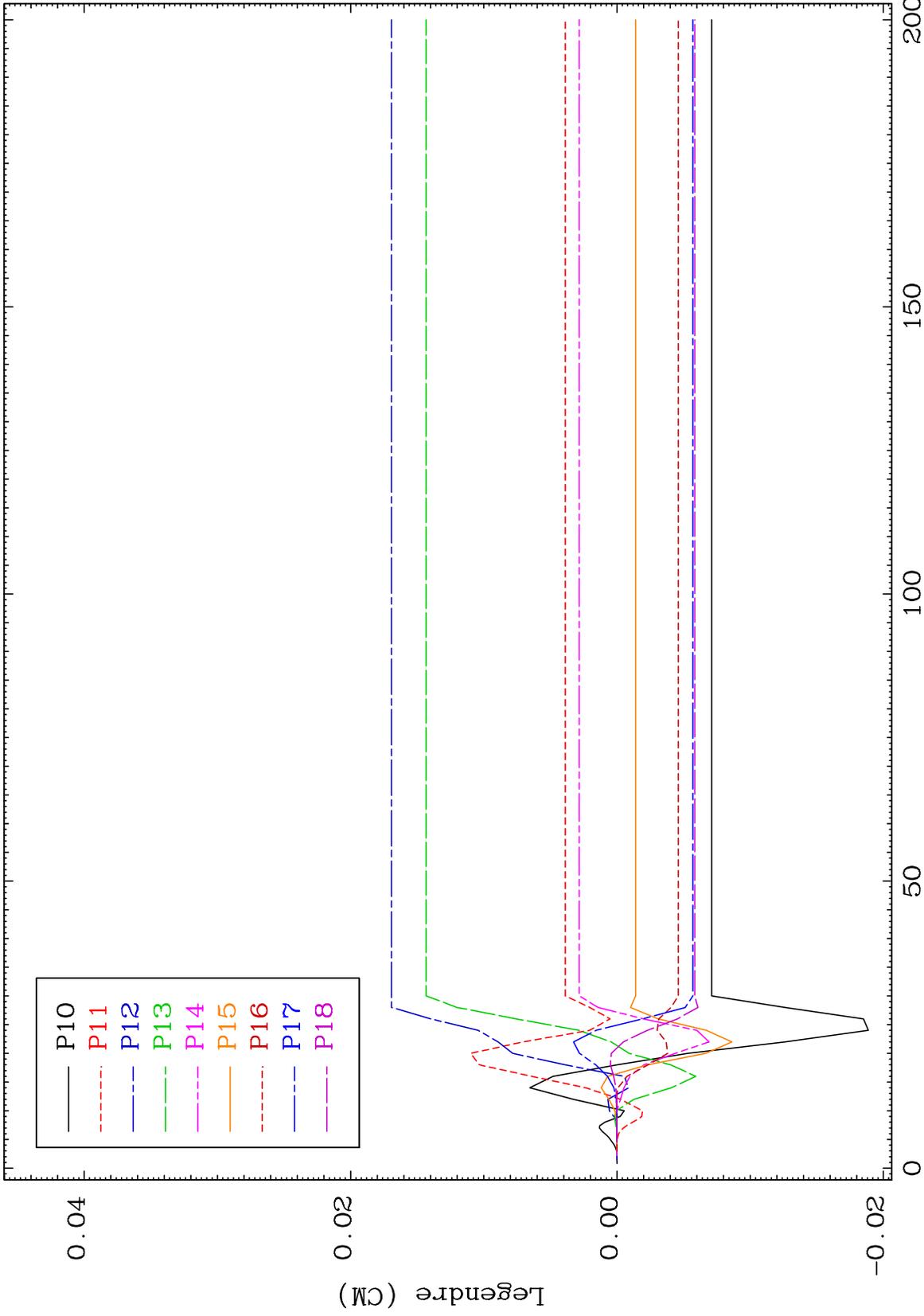
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



42

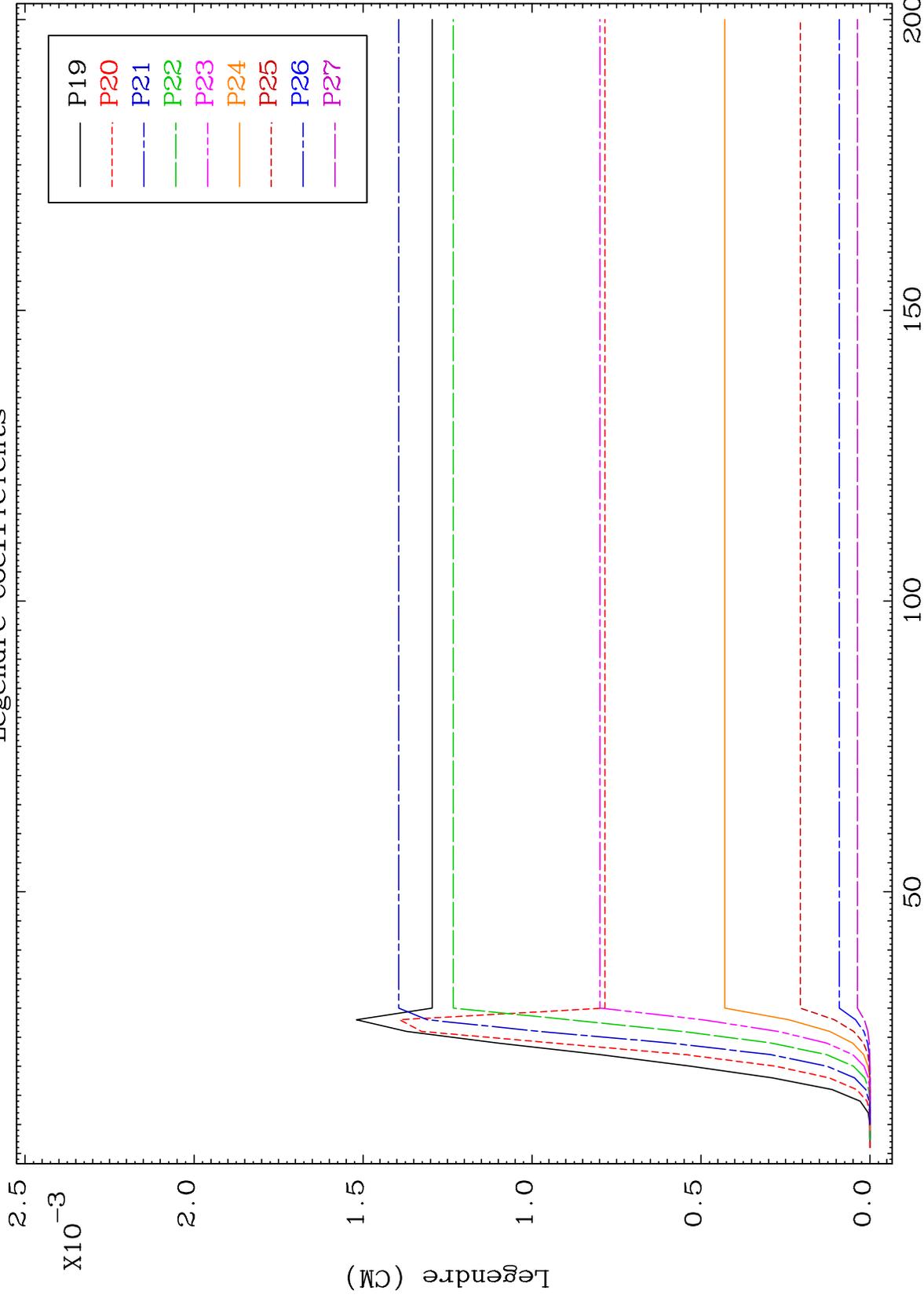
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



43

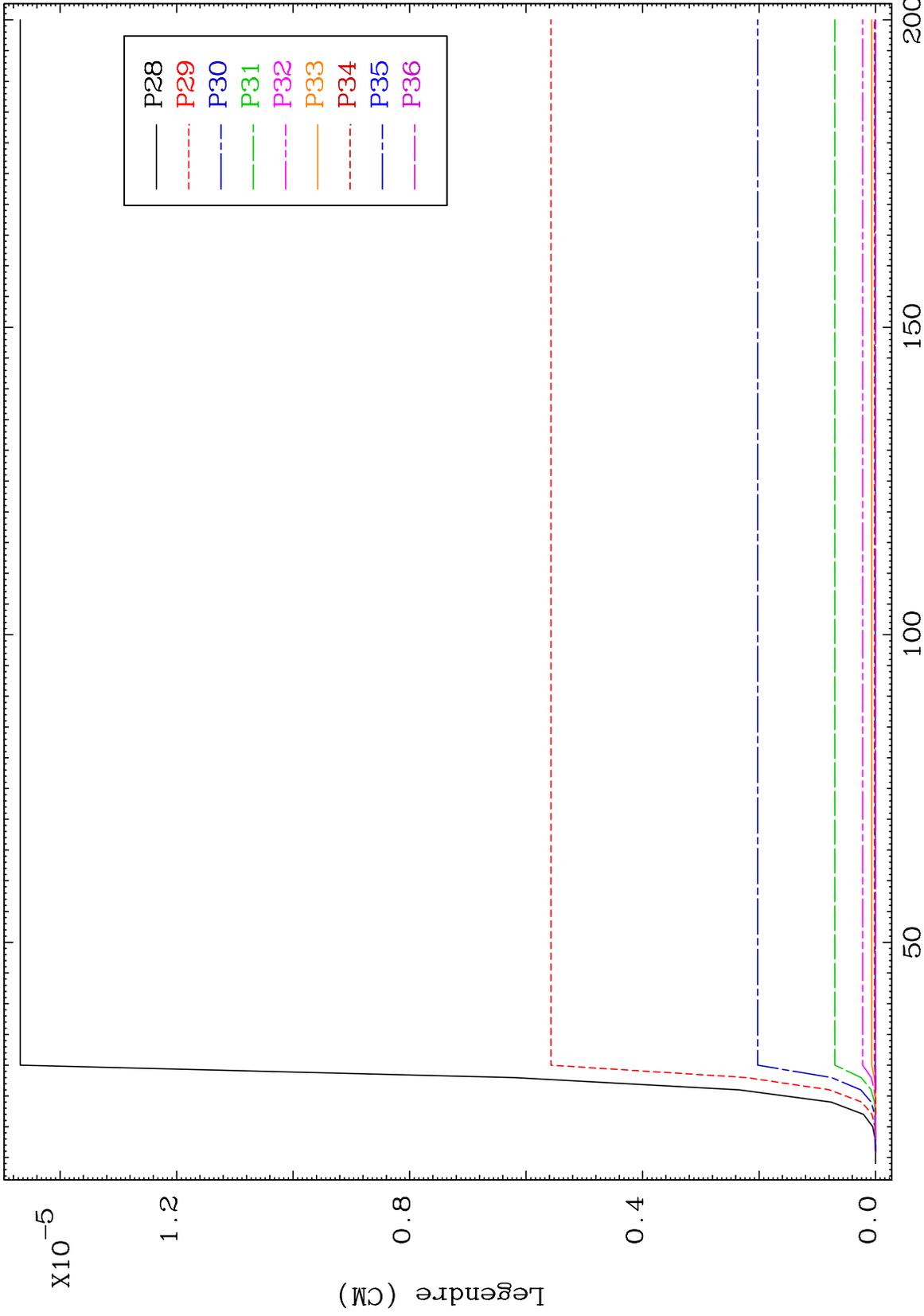
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



44

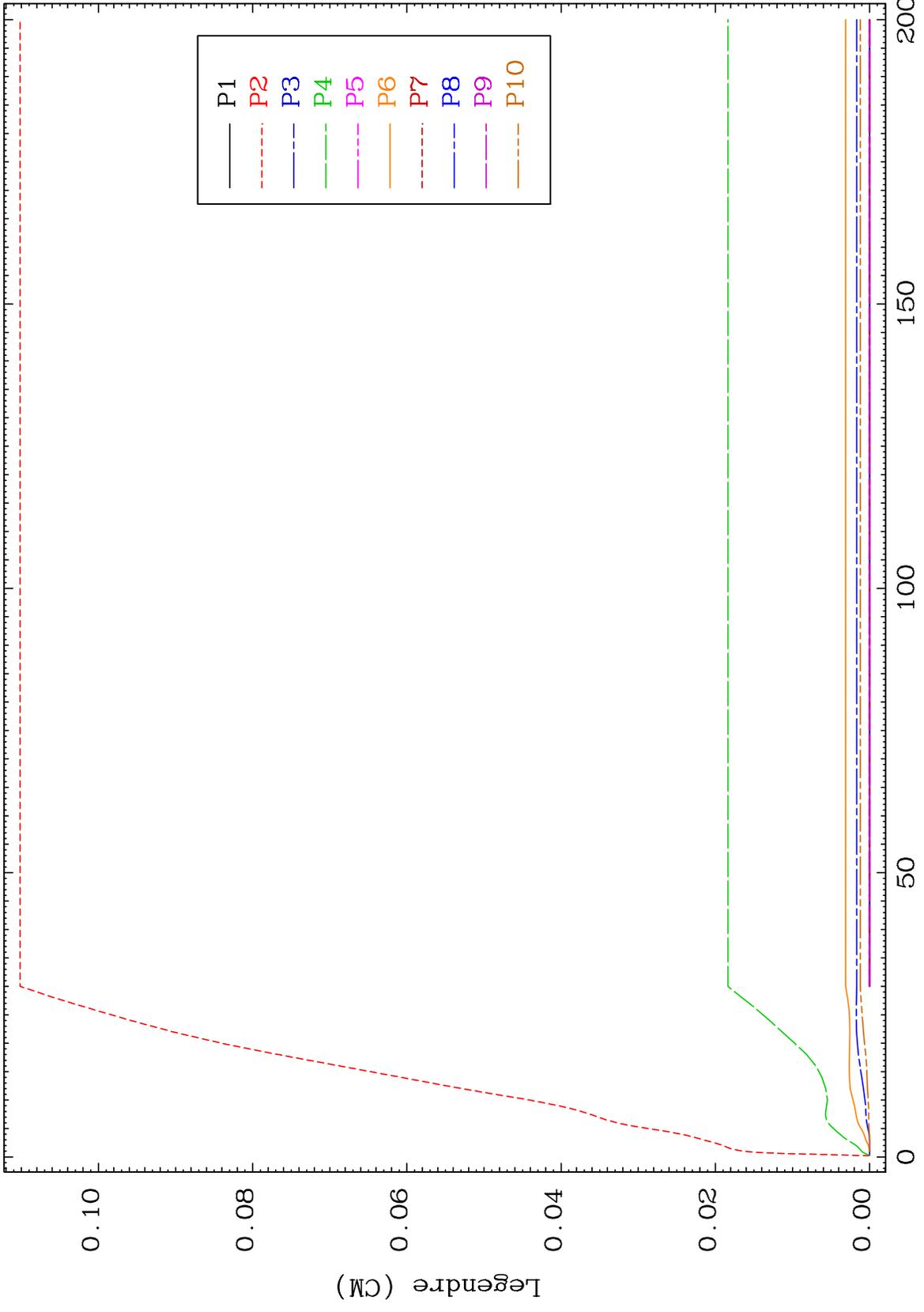
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

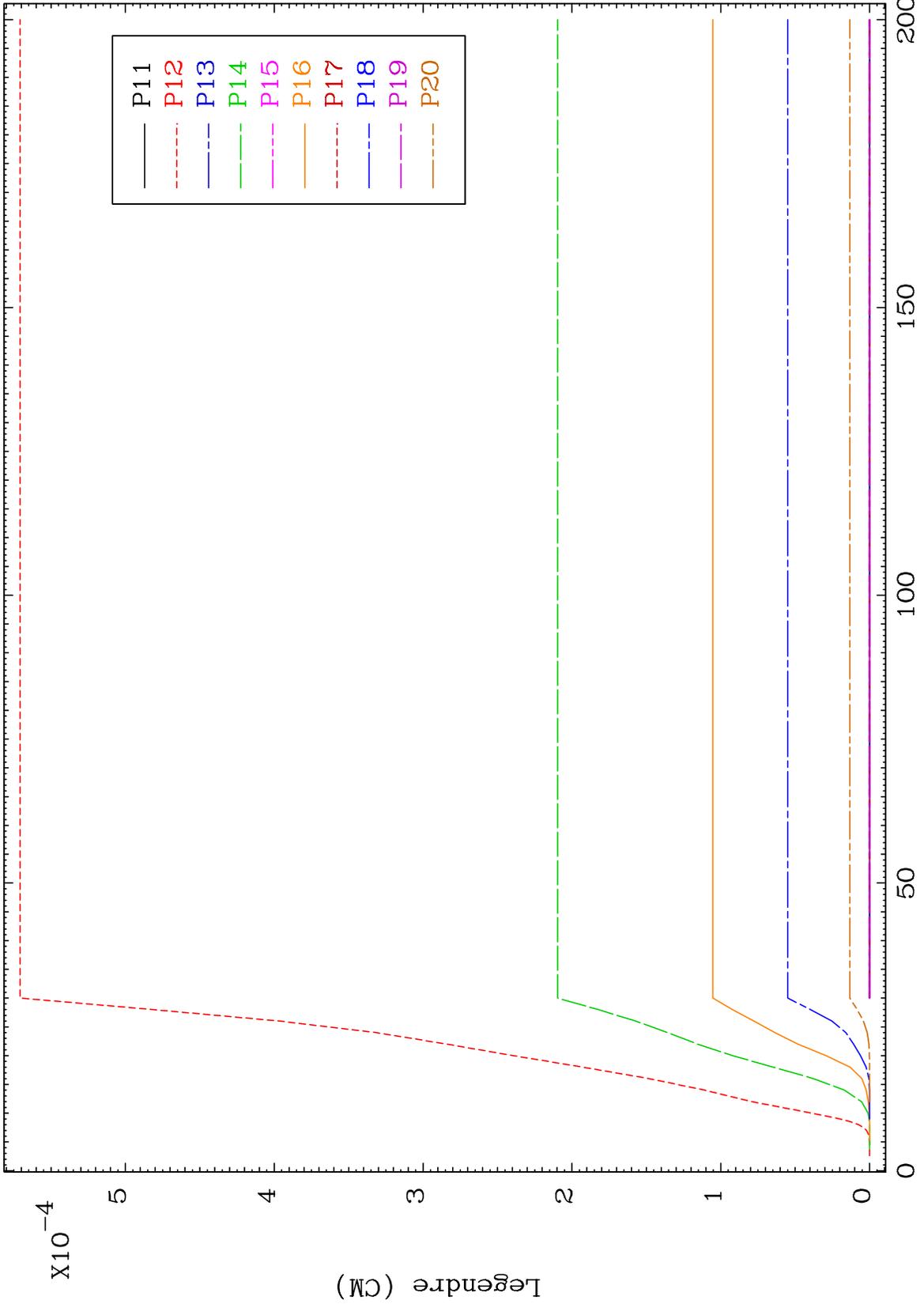
Incident Energy (MeV)

45

MAT 7668

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

77-Ir-172



46

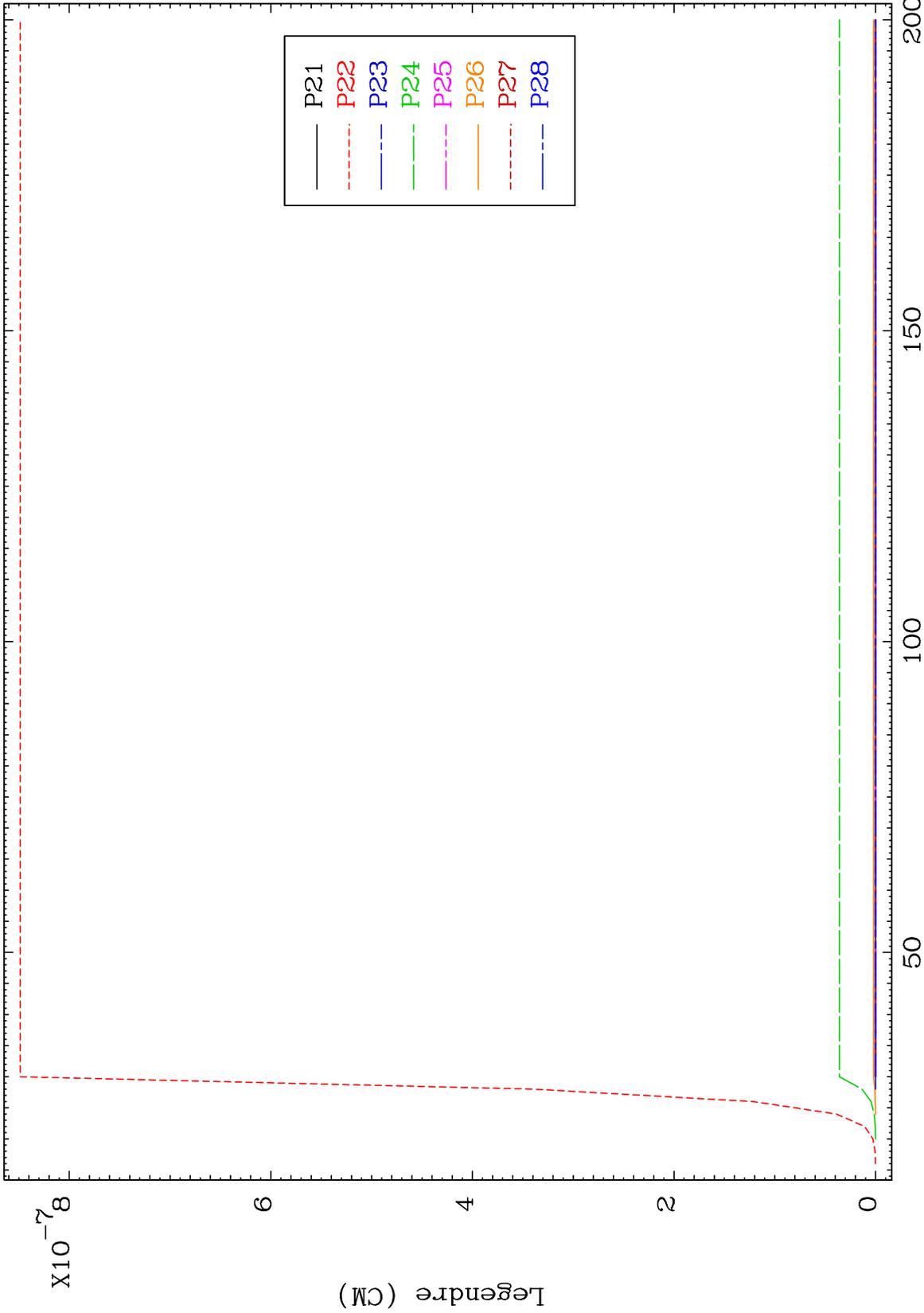
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



47

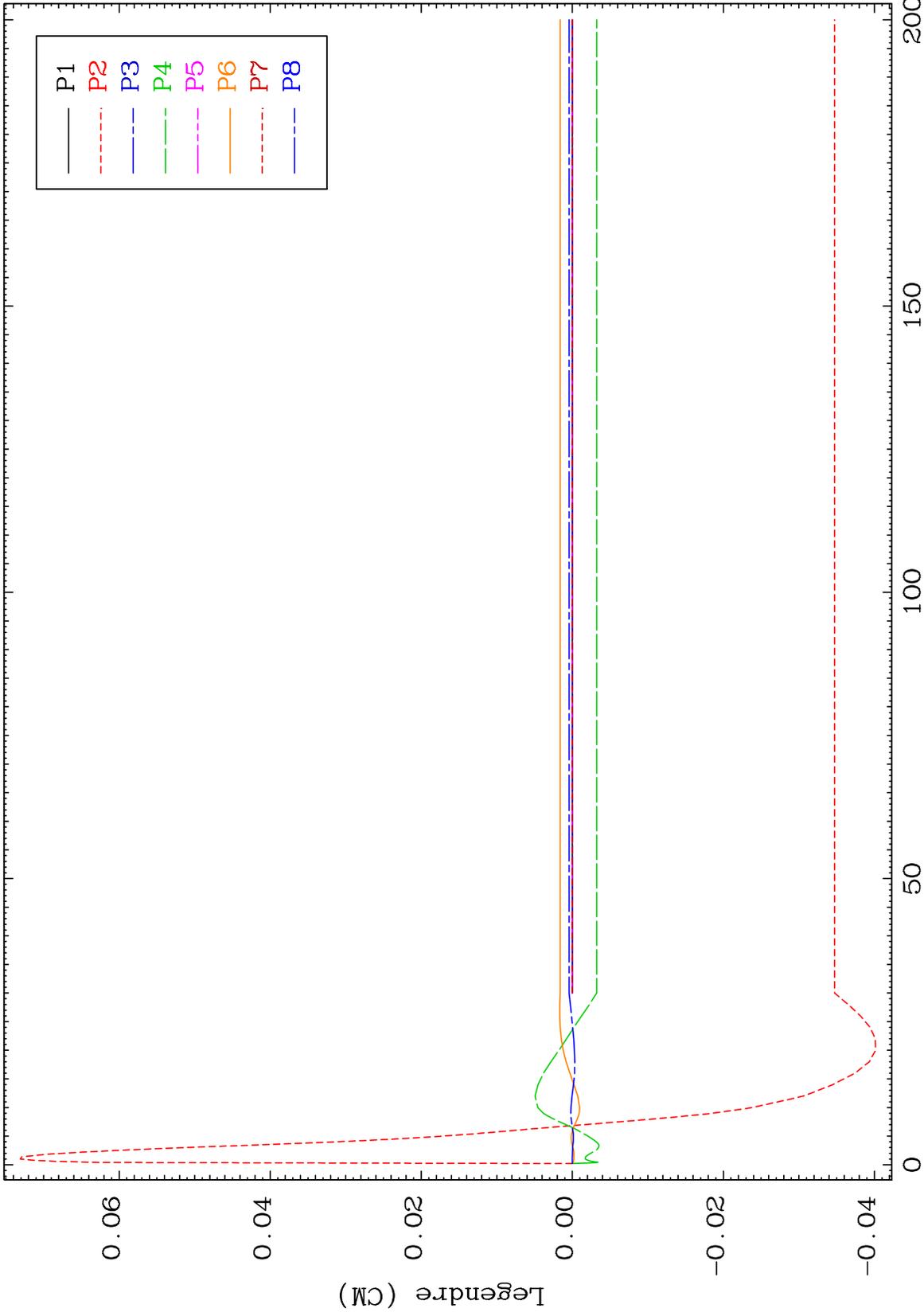
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



48

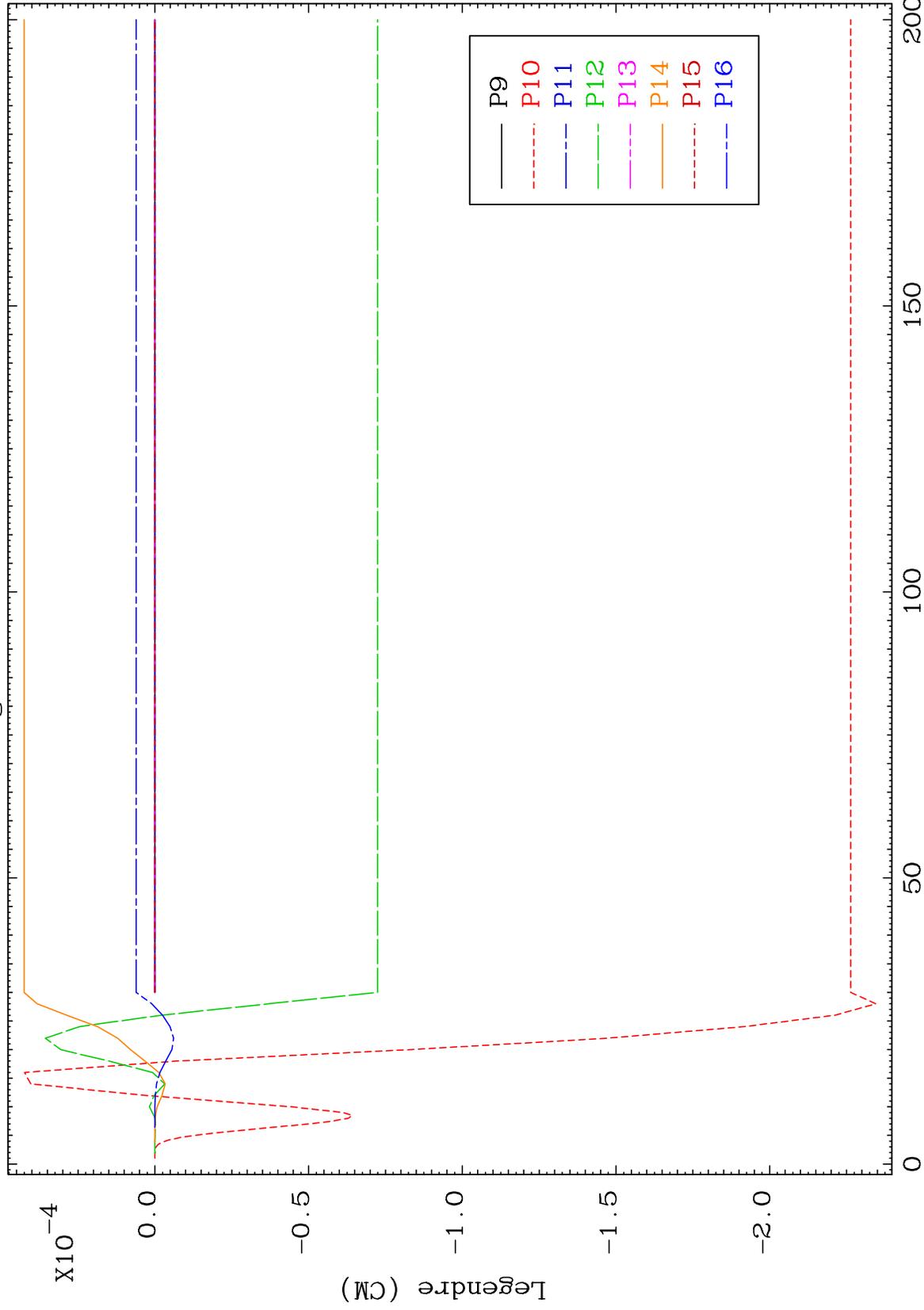
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



49

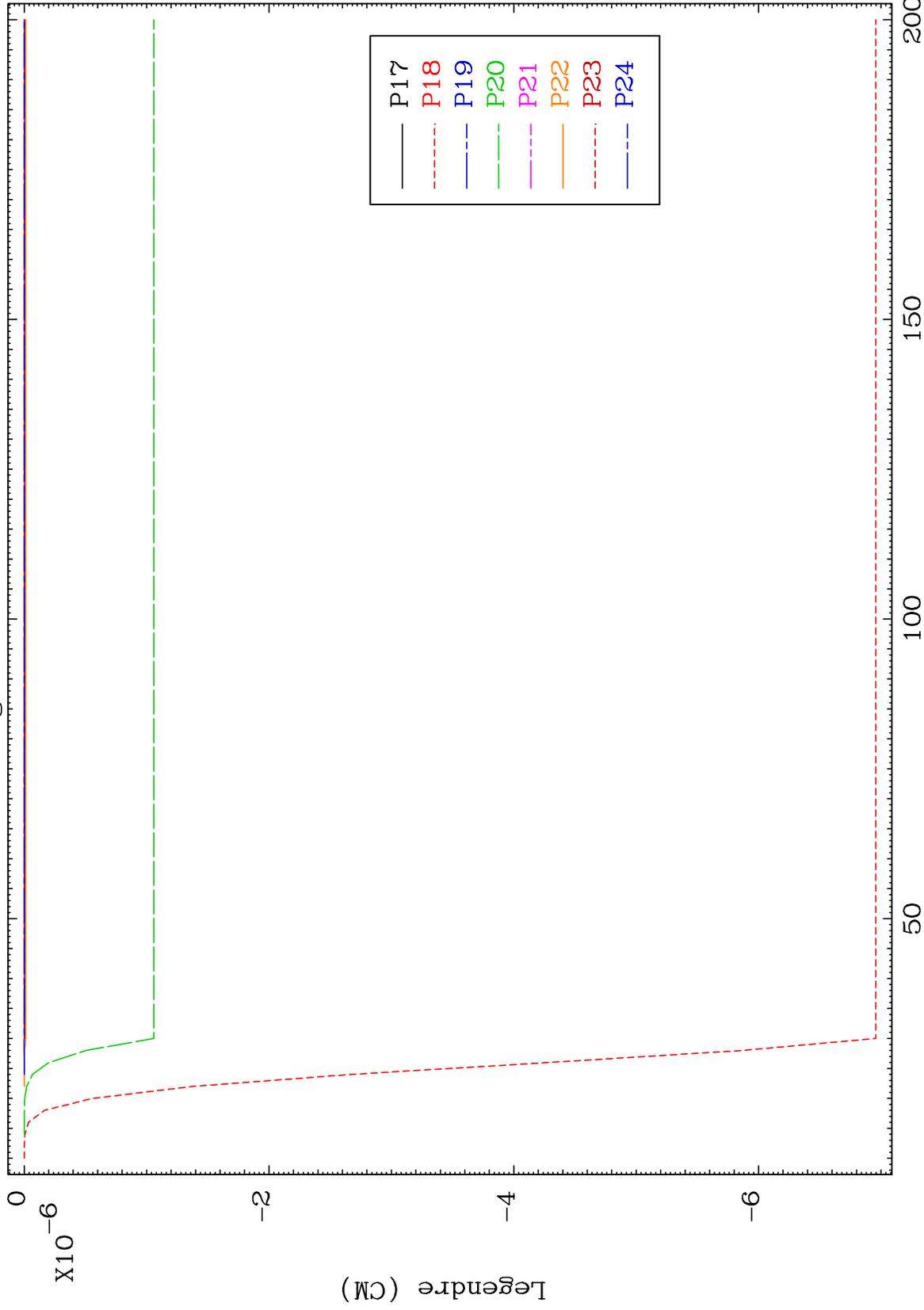
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



50

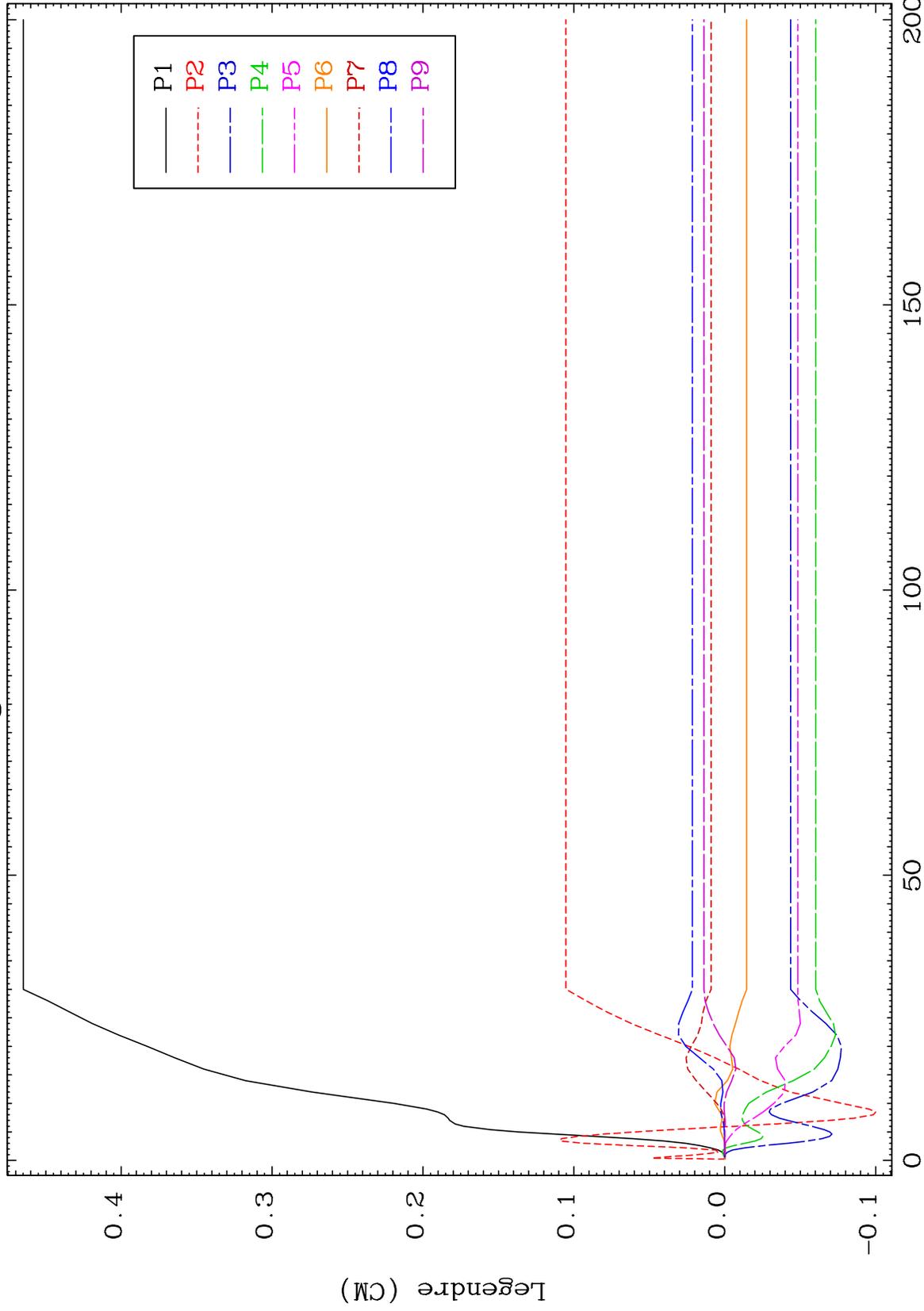
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



51

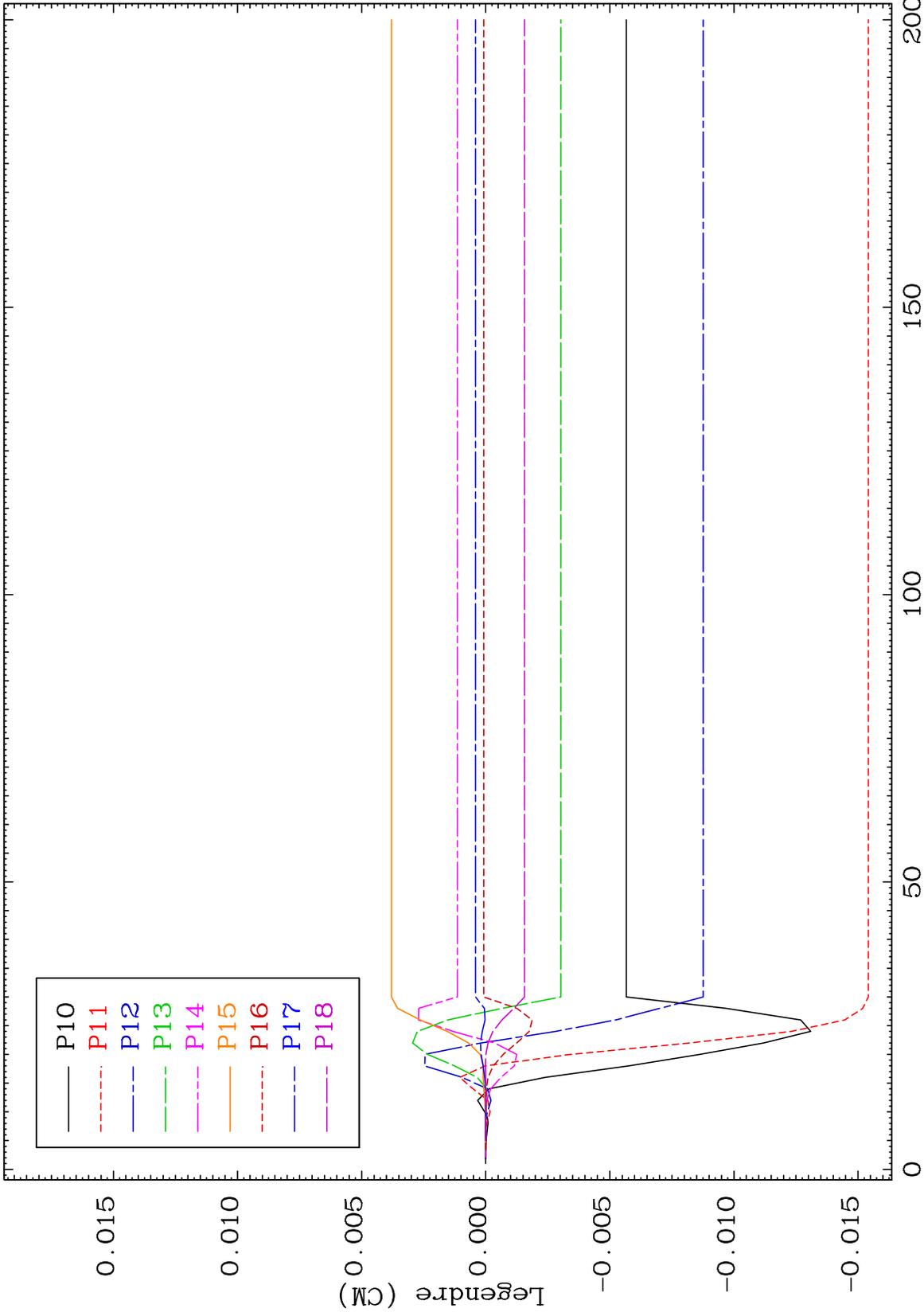
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



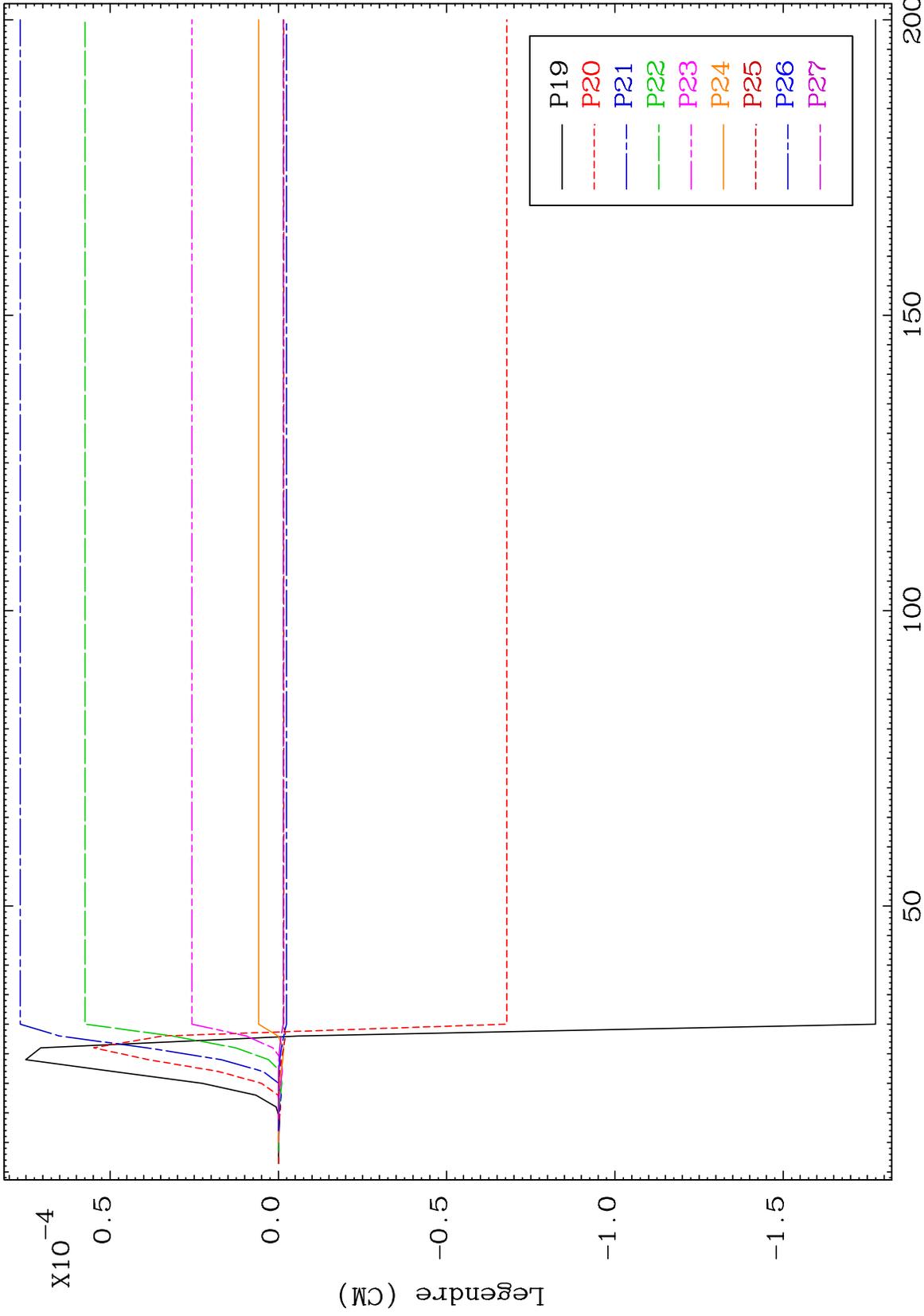
52

77-Ir-172

MAT 7668

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

77-Ir-172



53

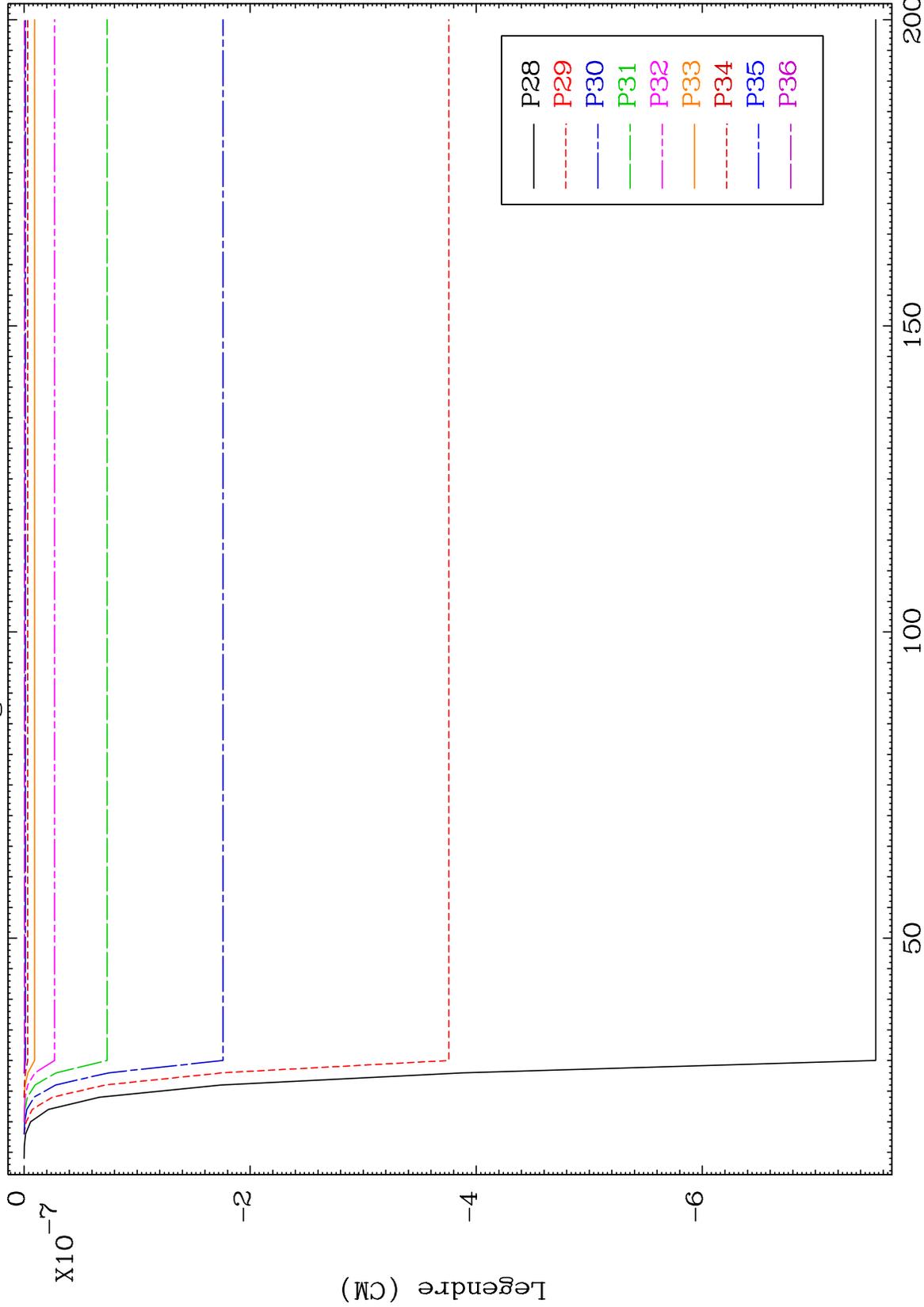
77-Ir-172

77-Ir-172

MAT 7668

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

77-Ir-172



54

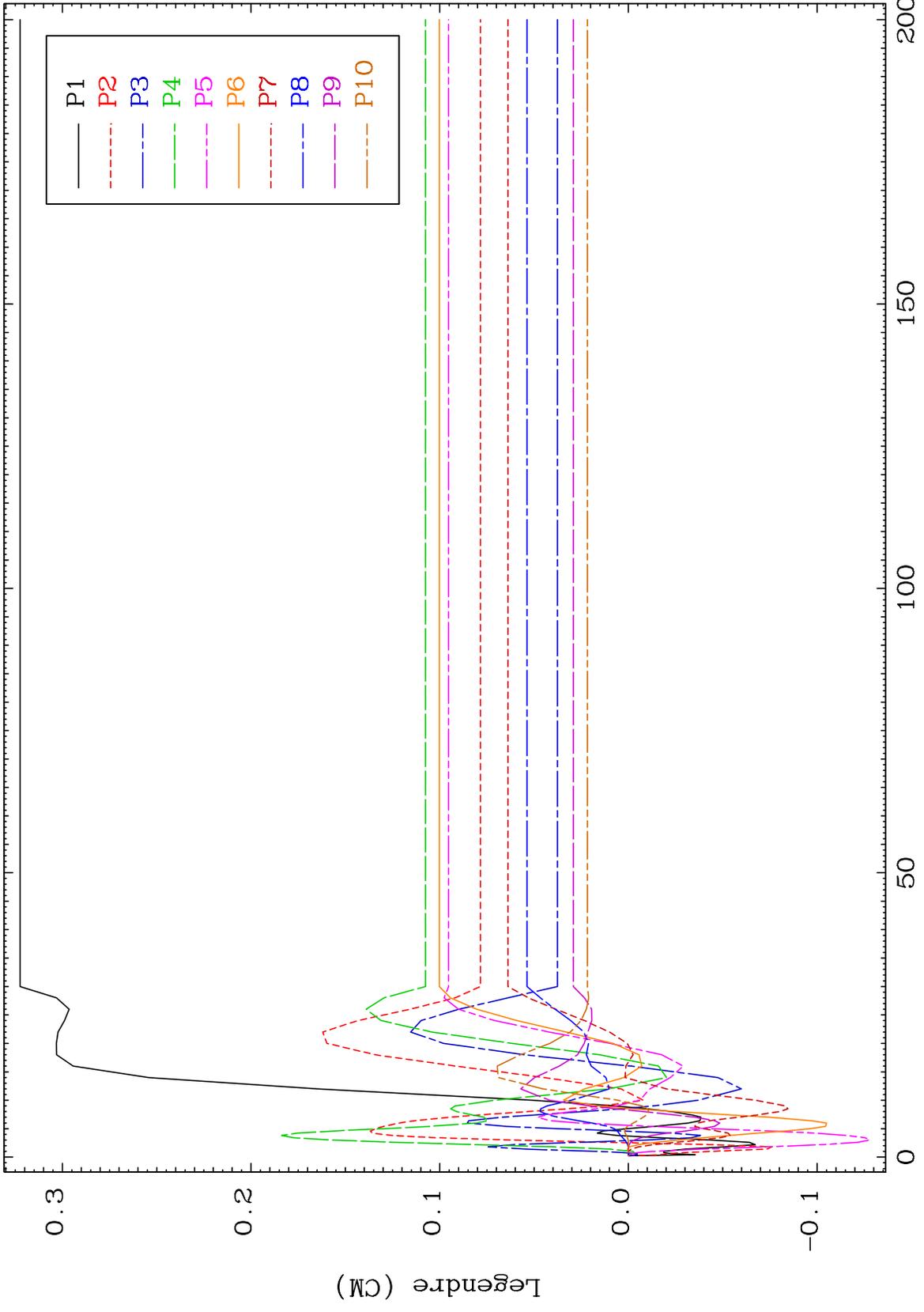
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



55

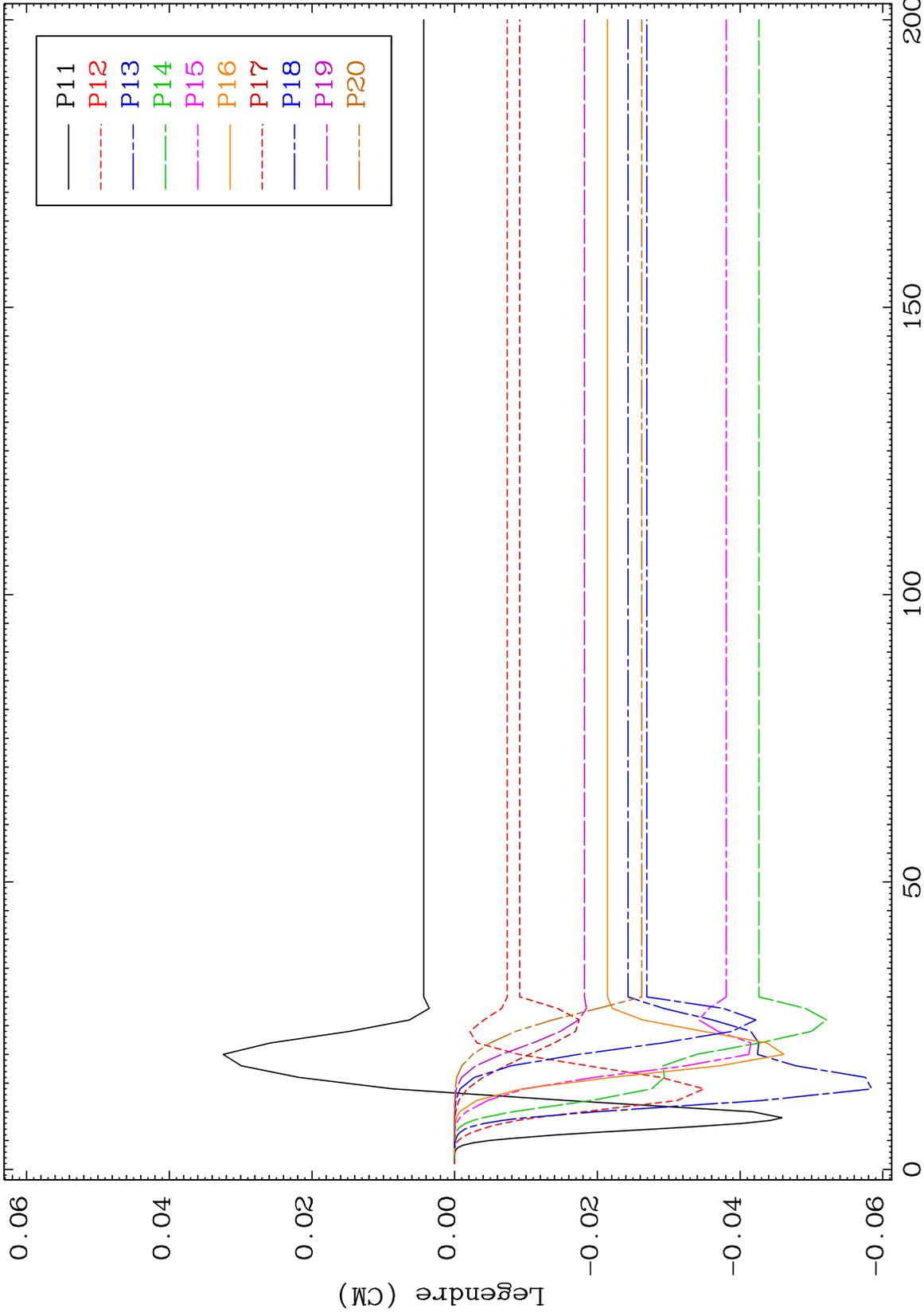
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



56

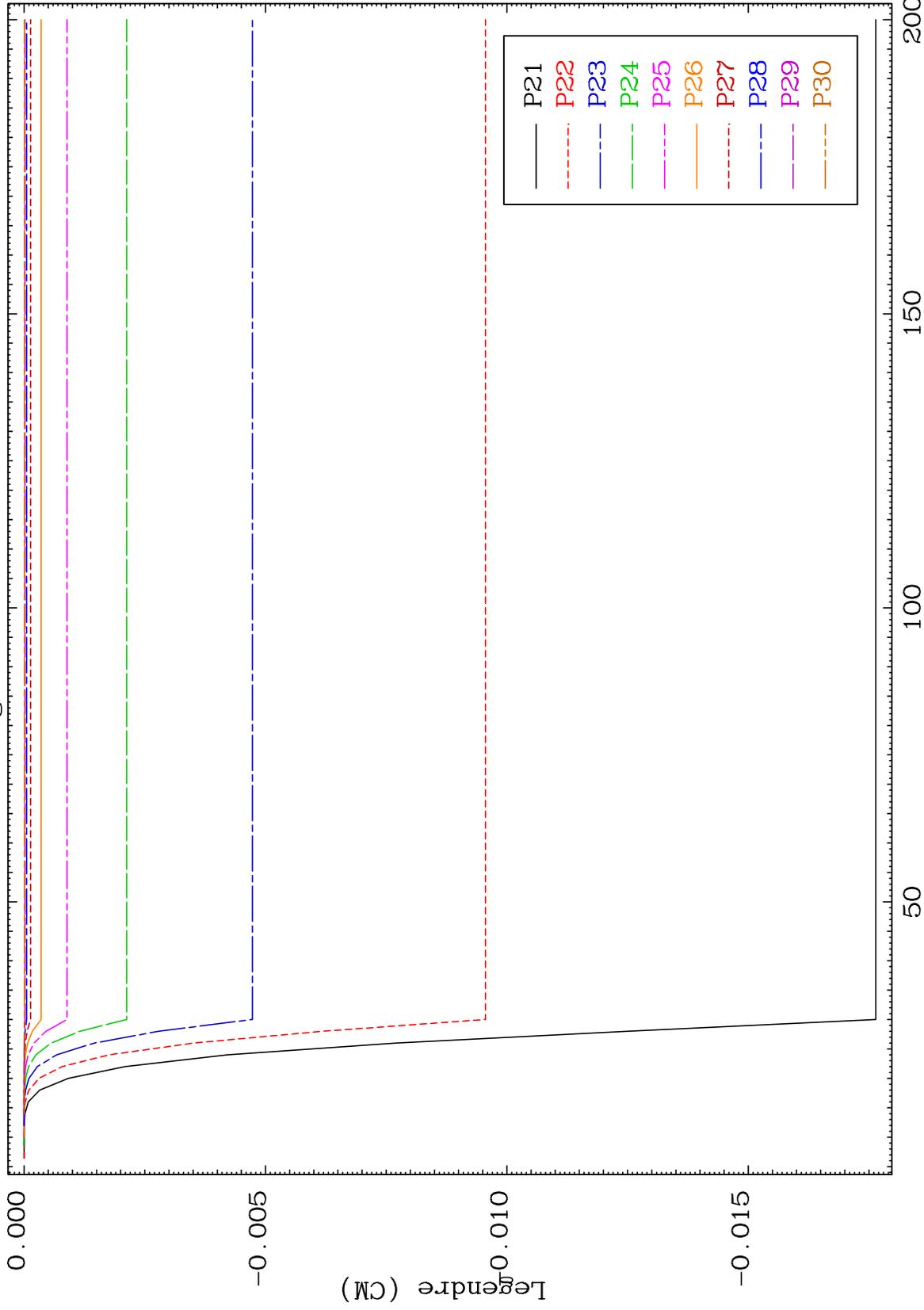
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



57

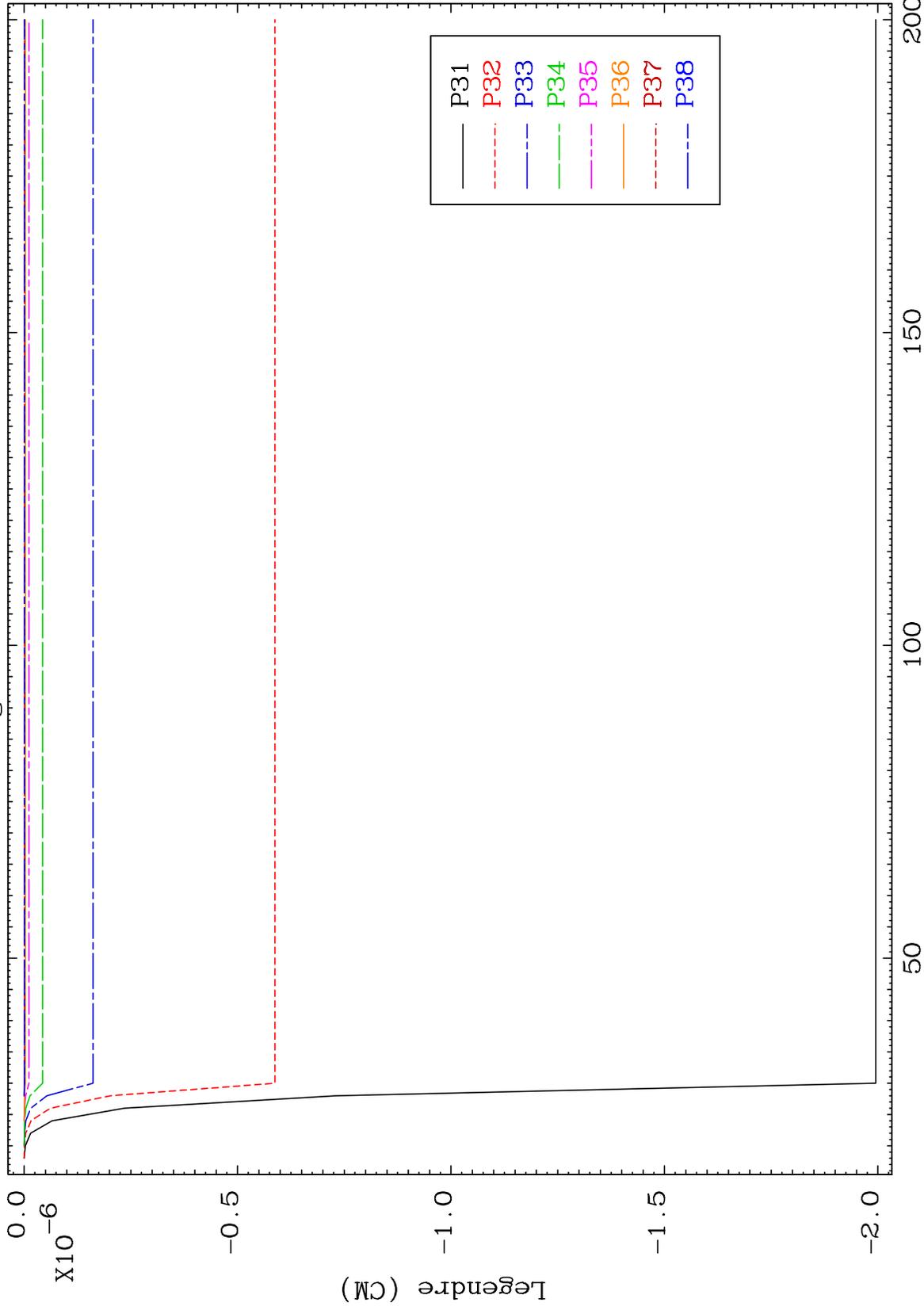
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



58

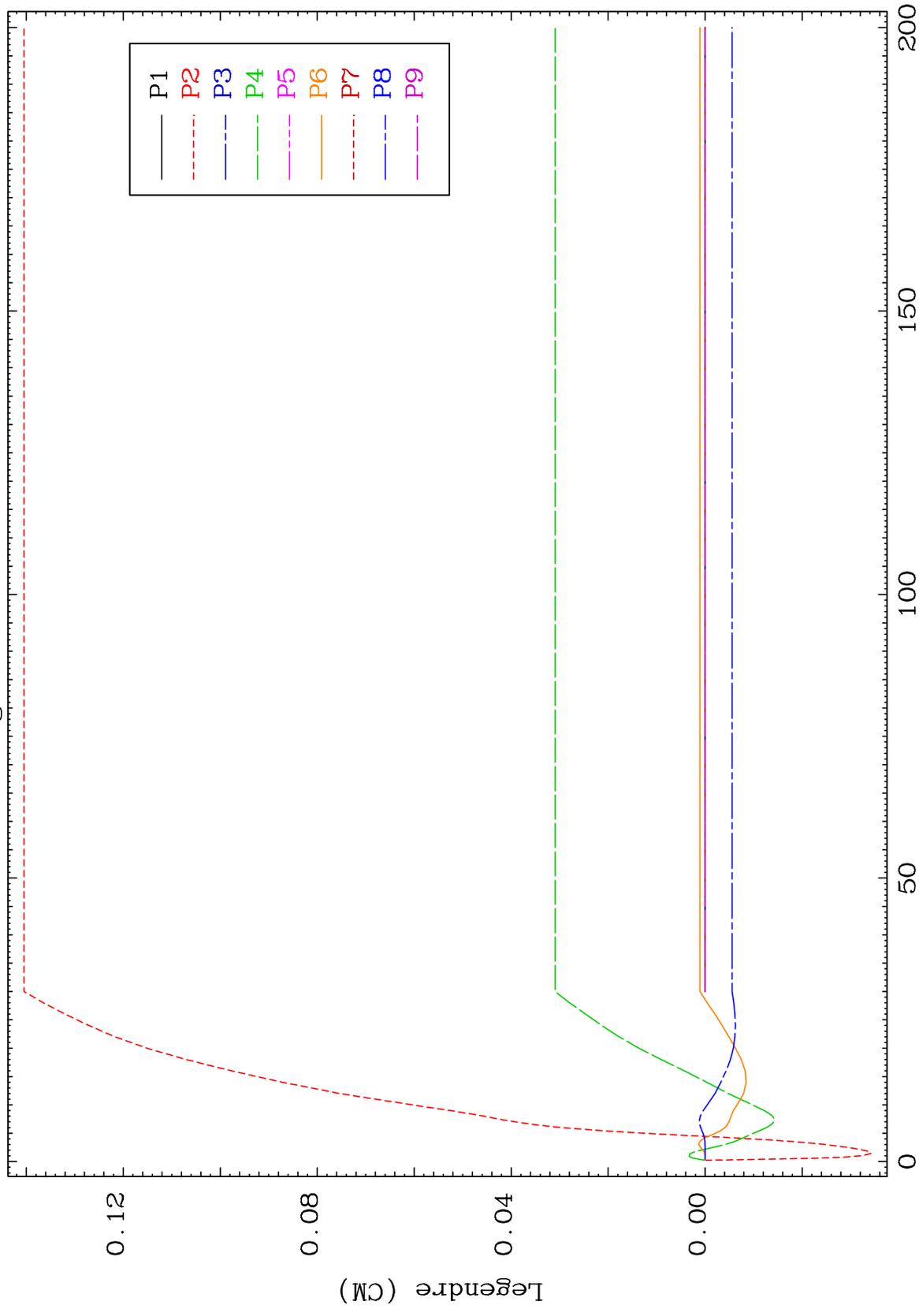
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



59

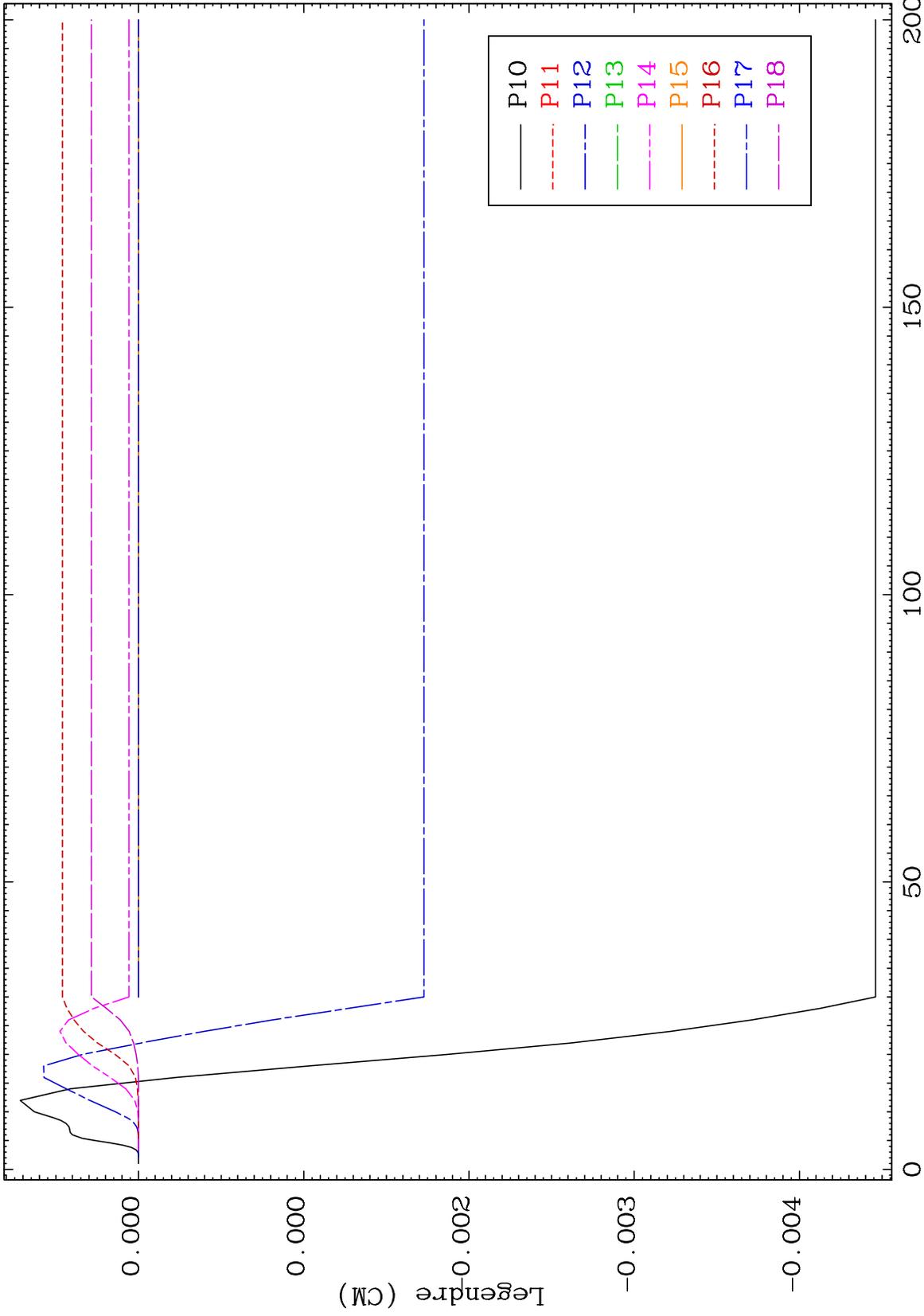
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



60

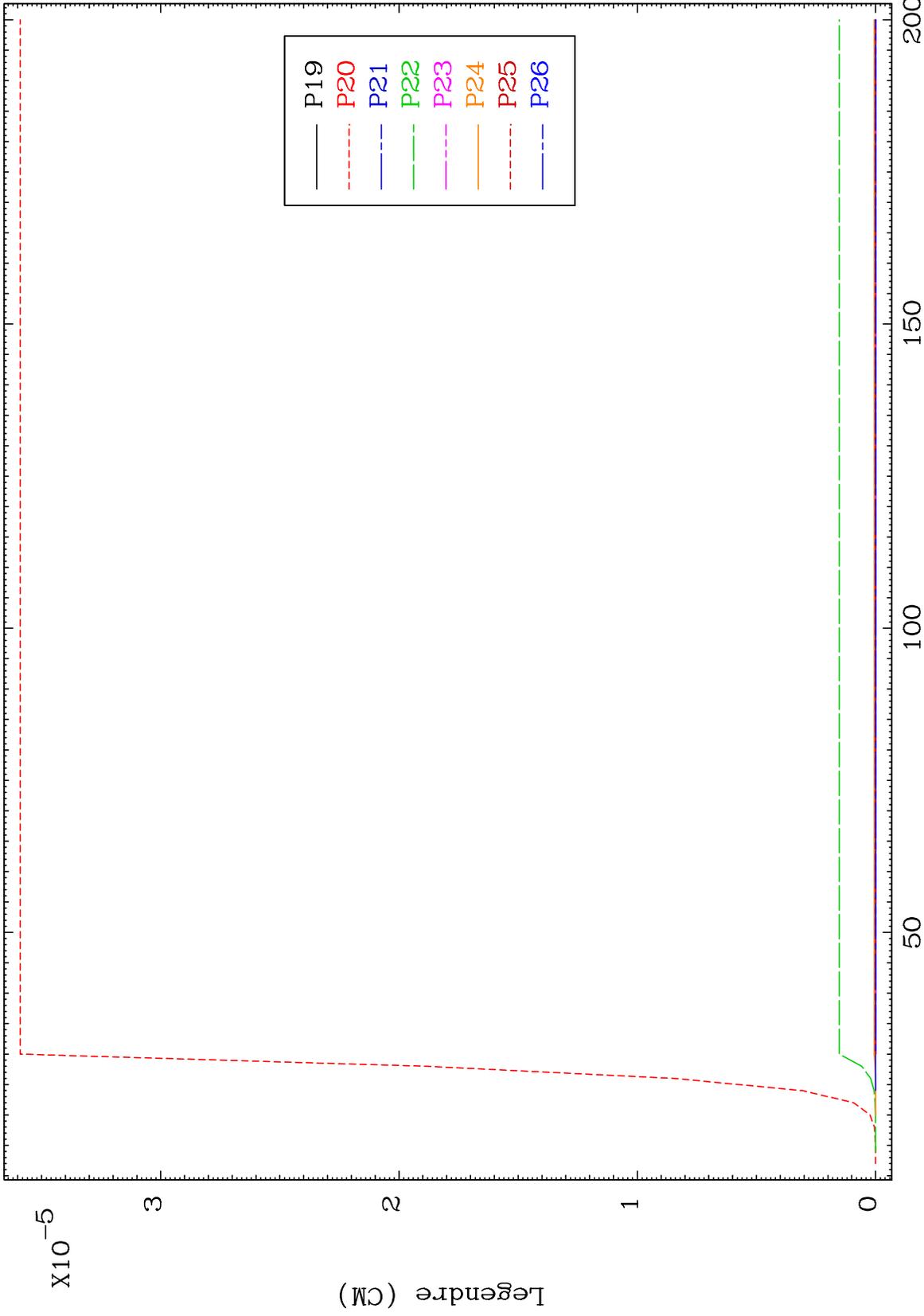
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



61

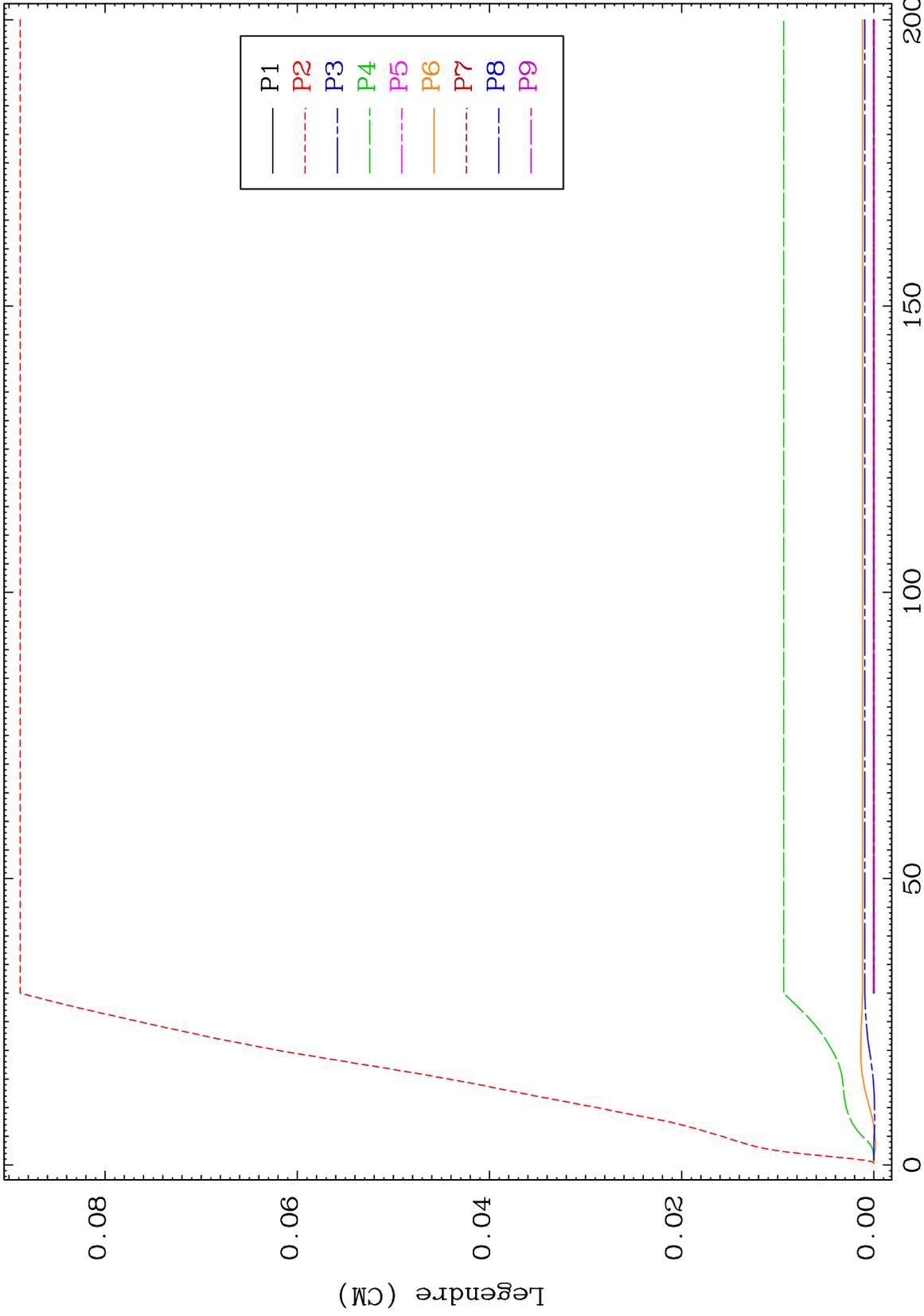
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



62

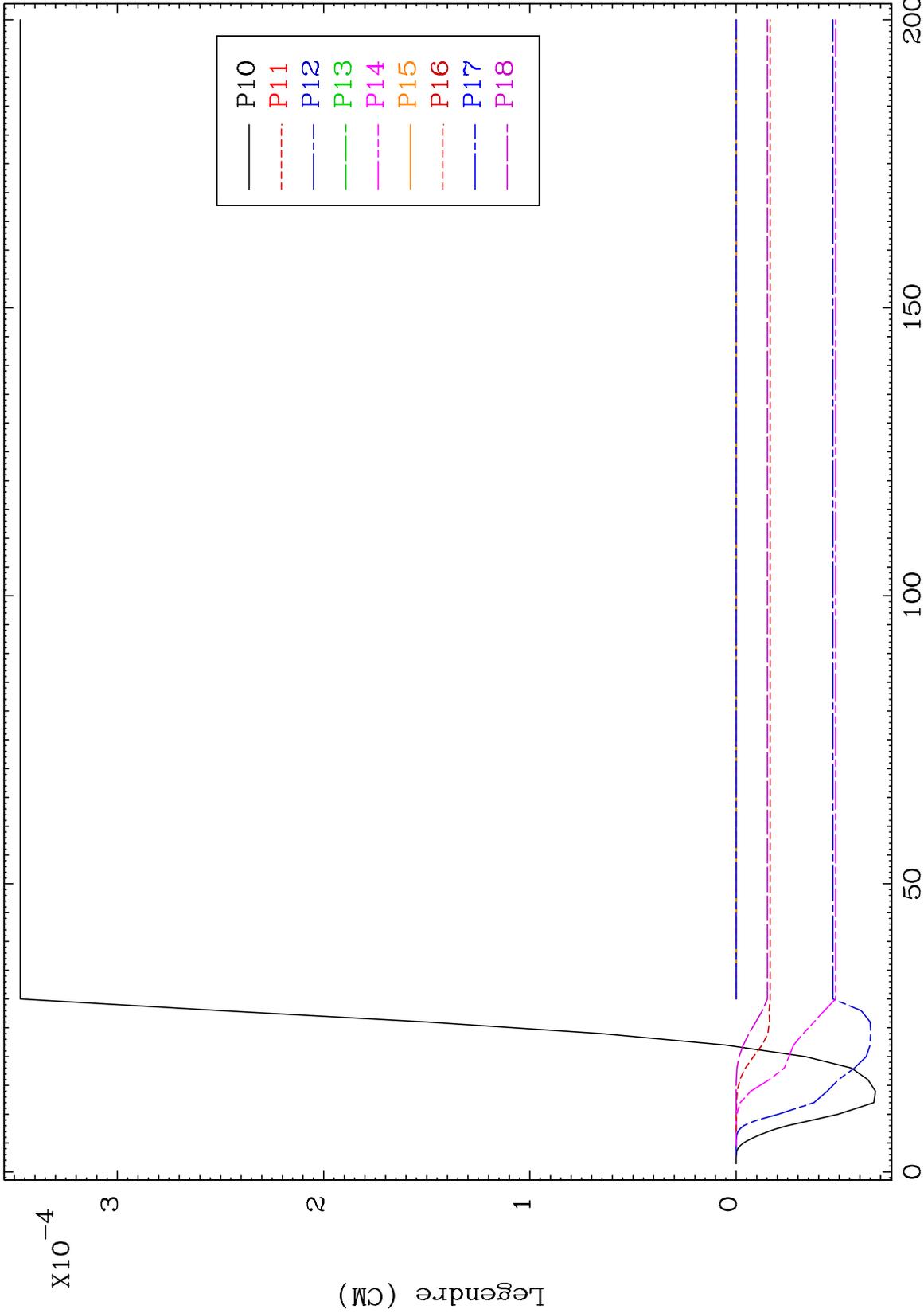
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



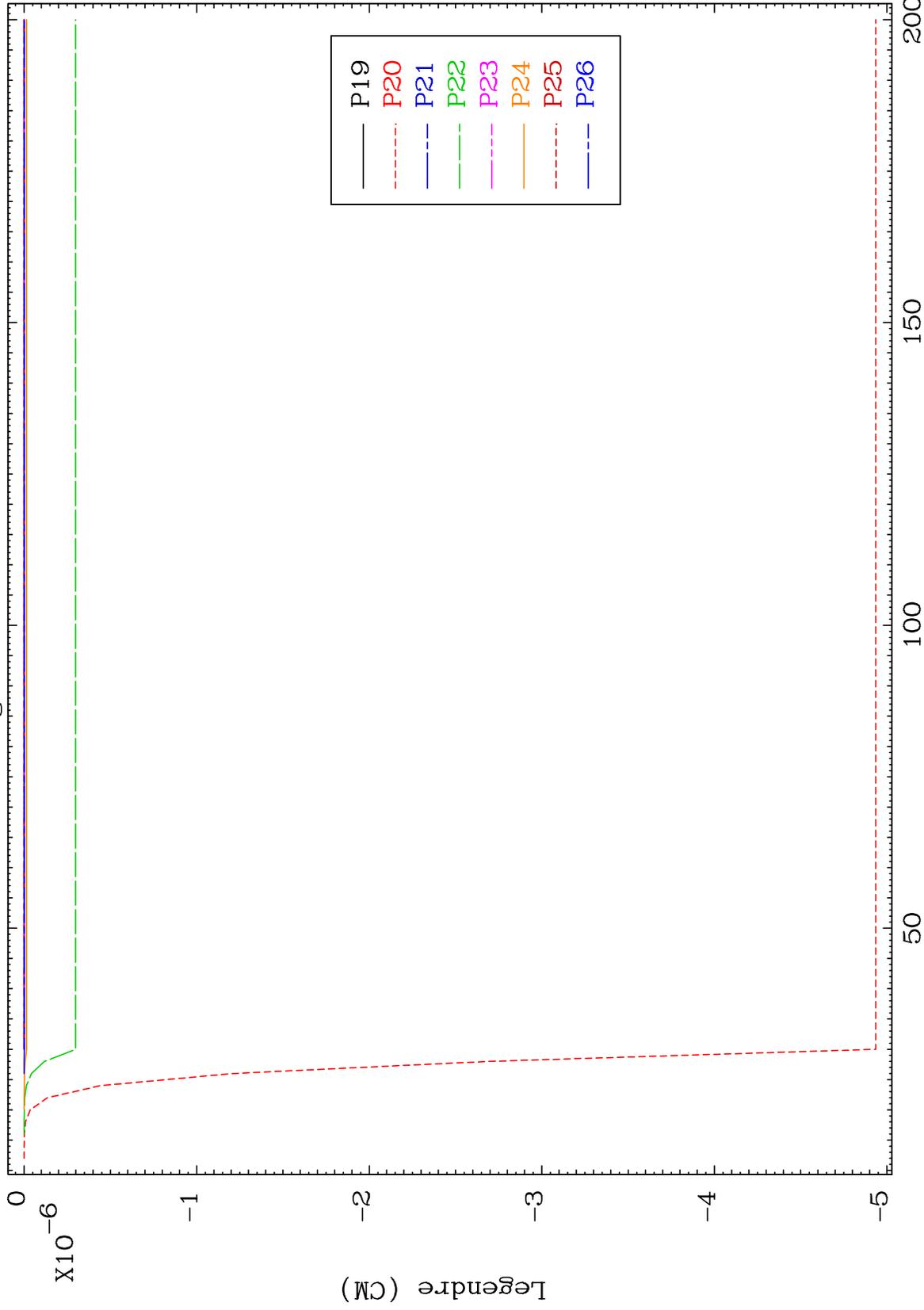
63

77-Ir-172

MAT 7668

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

77-Ir-172



64

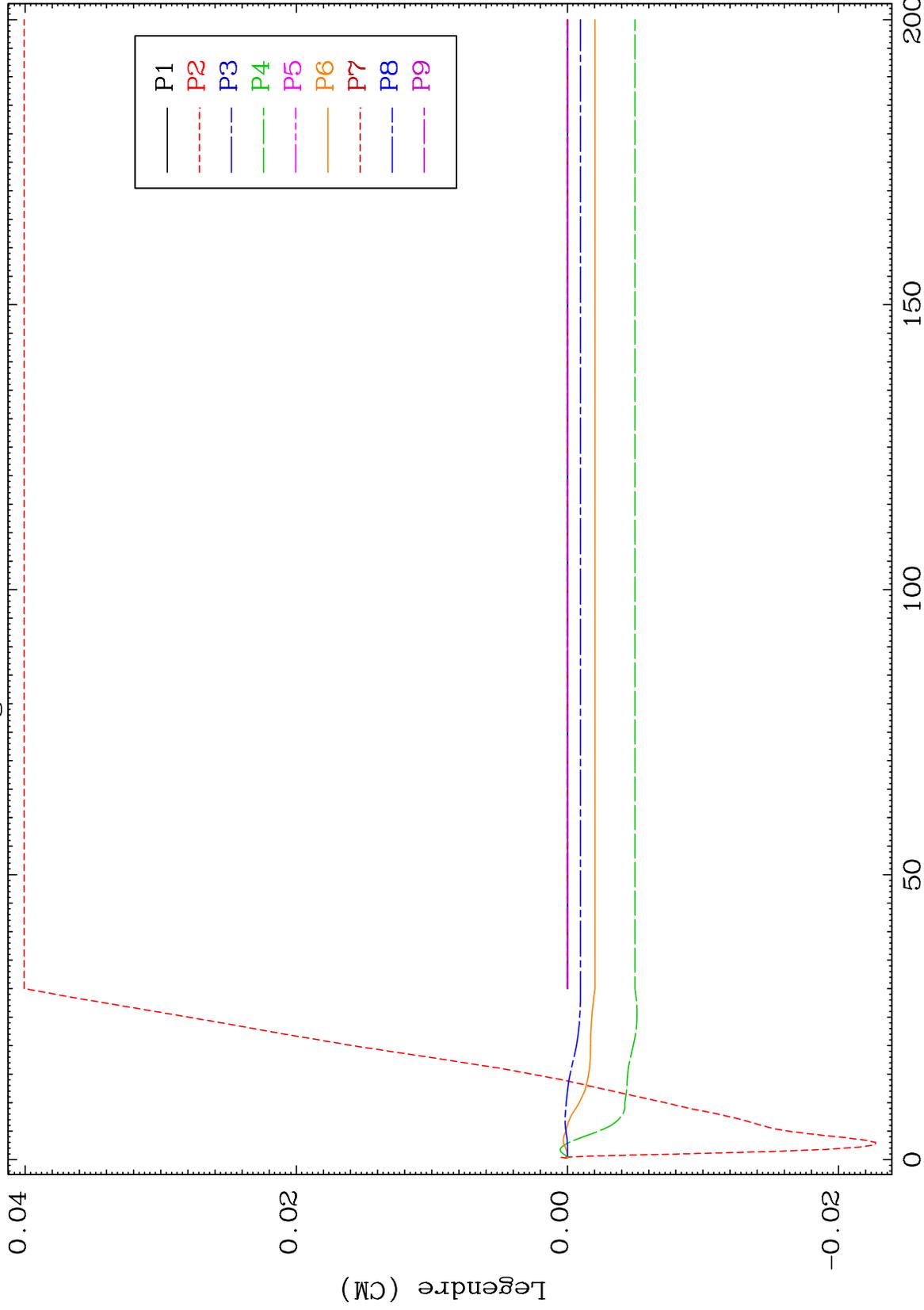
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



65

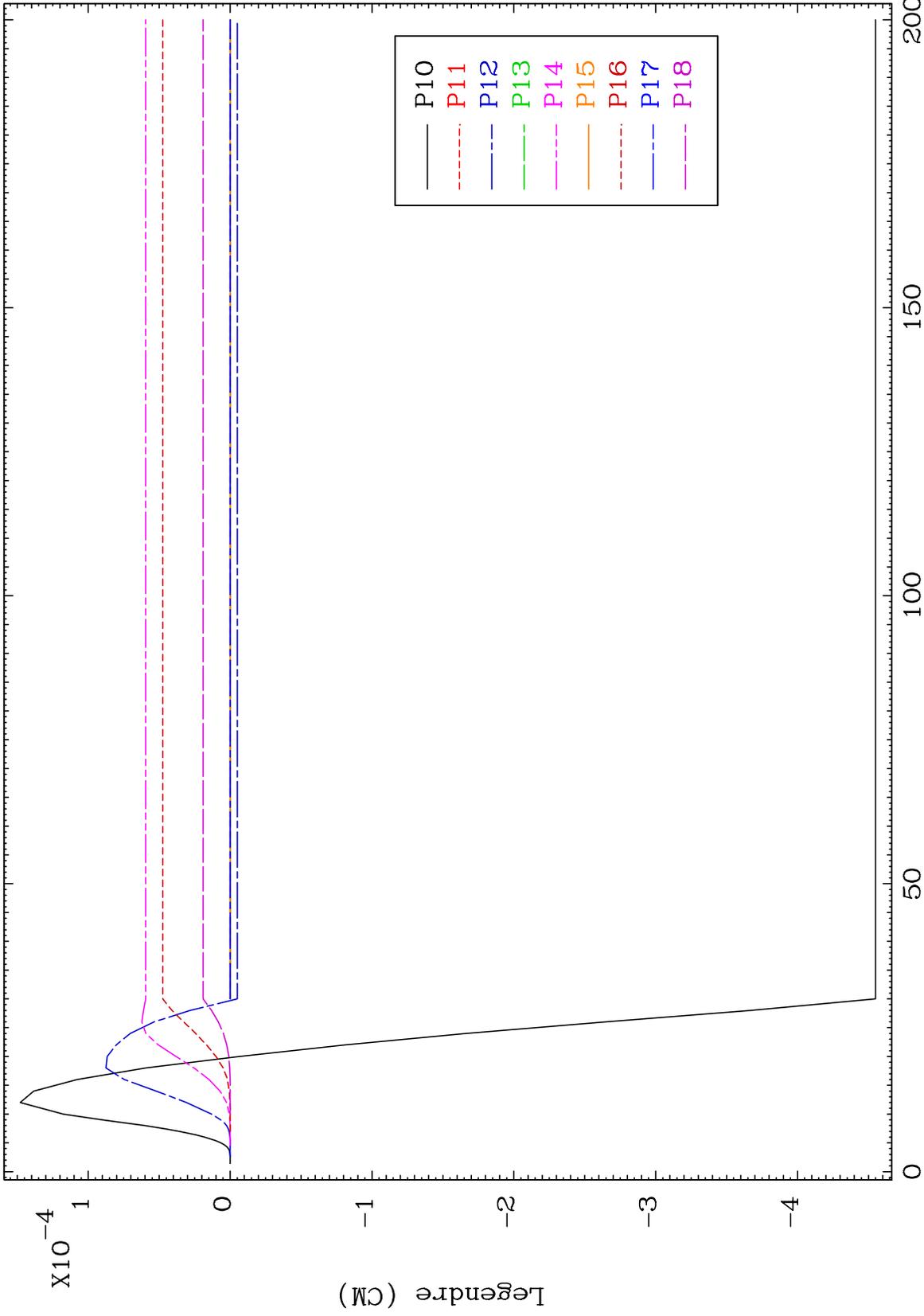
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



66

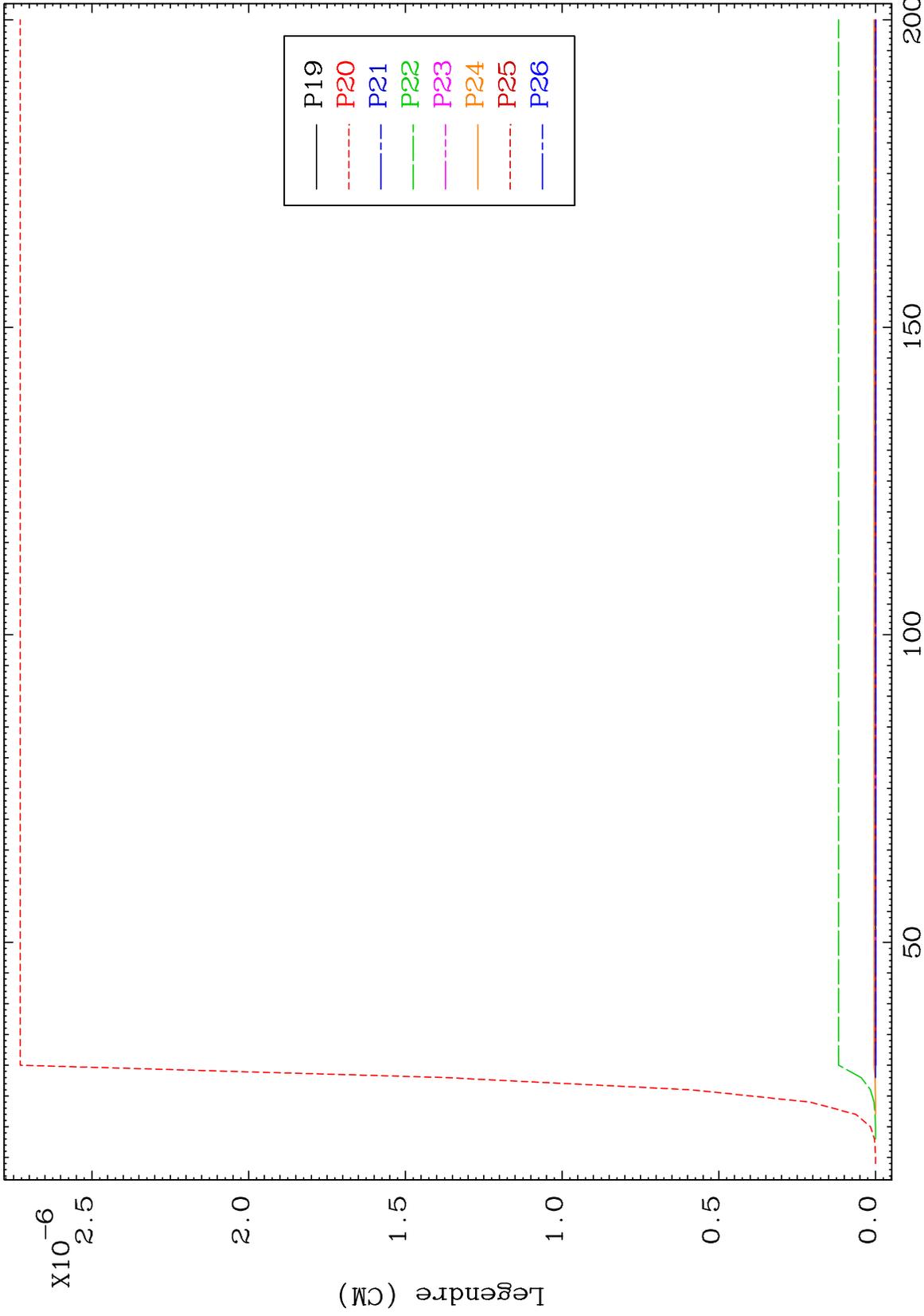
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



67

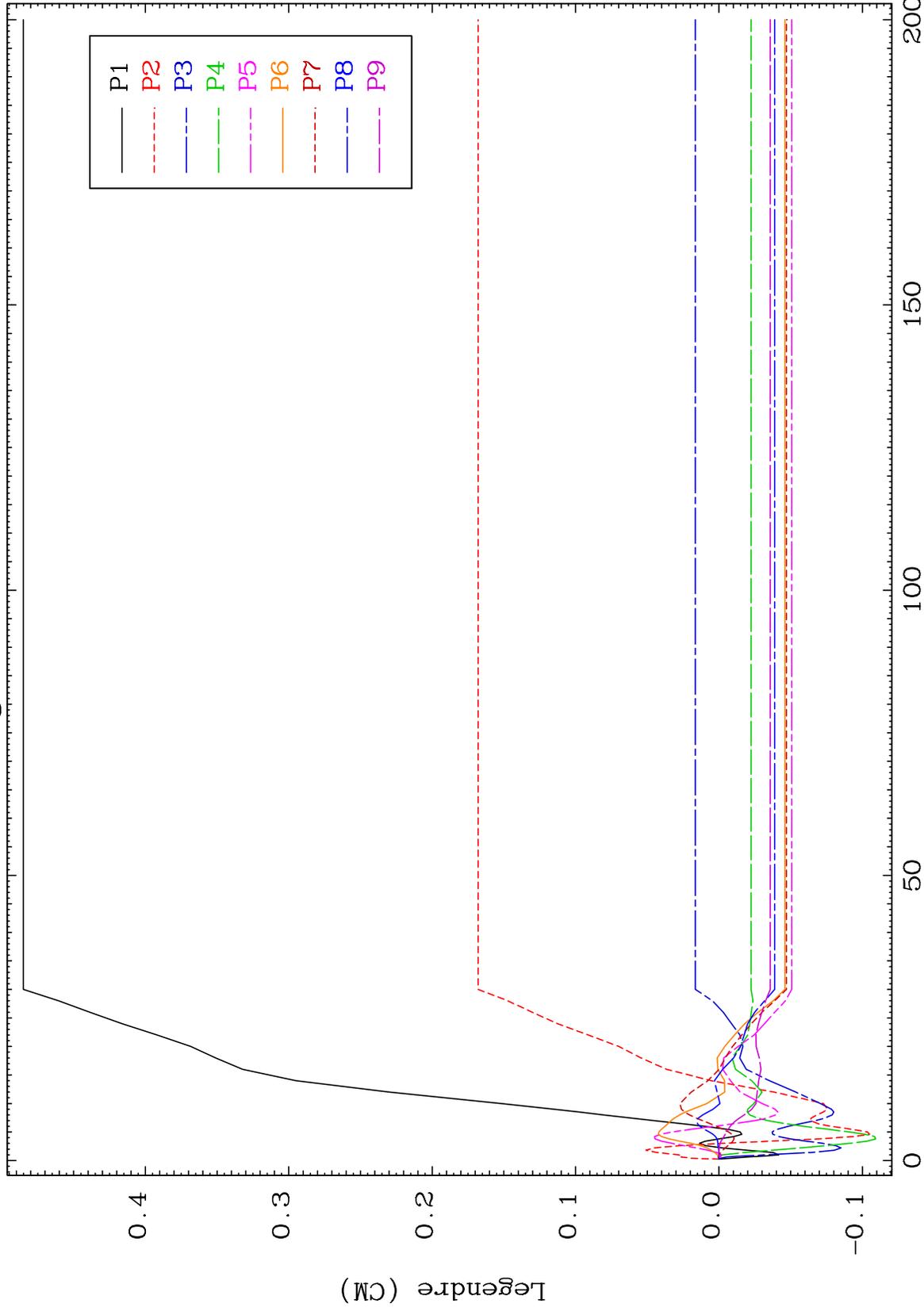
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



68

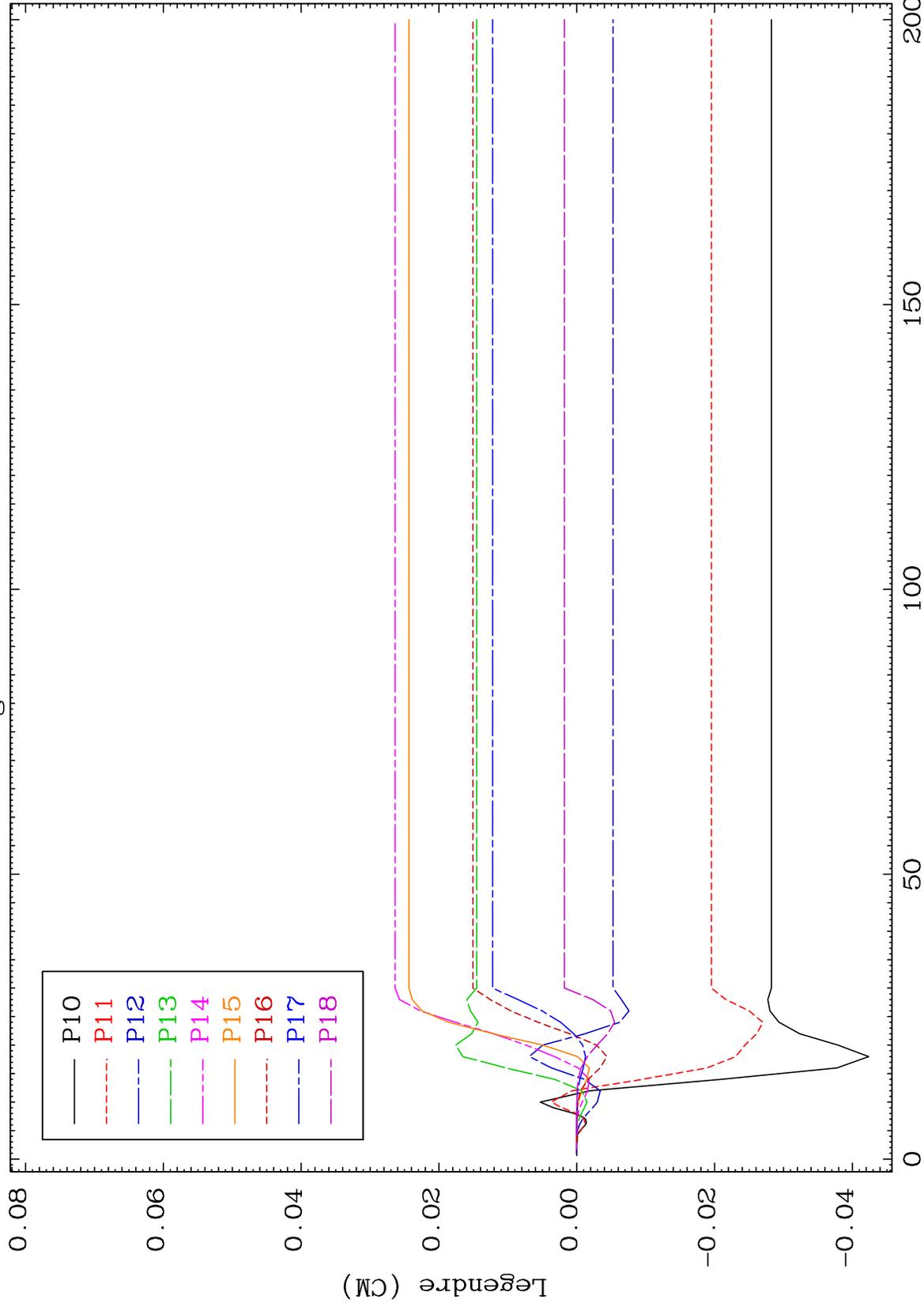
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



69

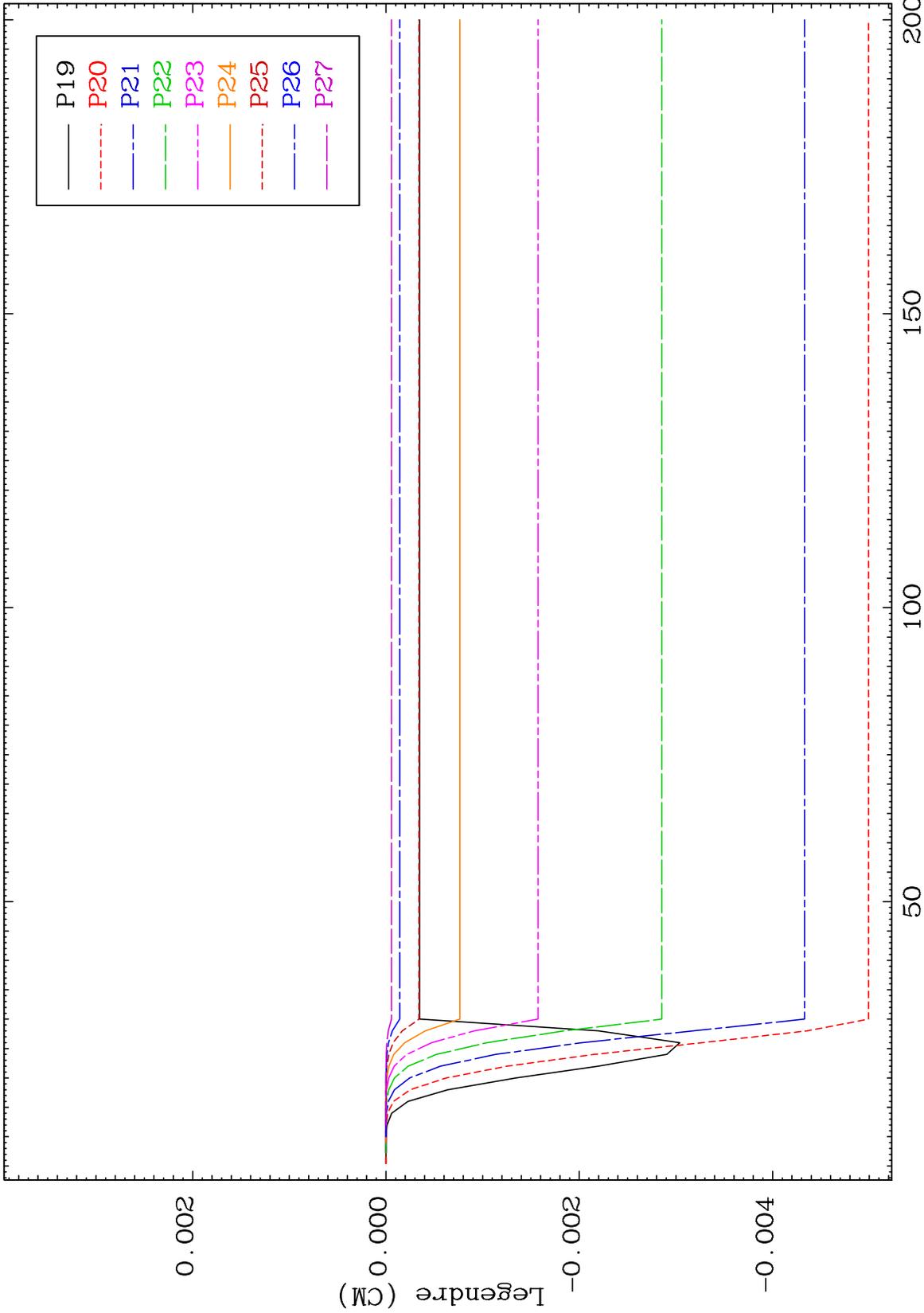
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



70

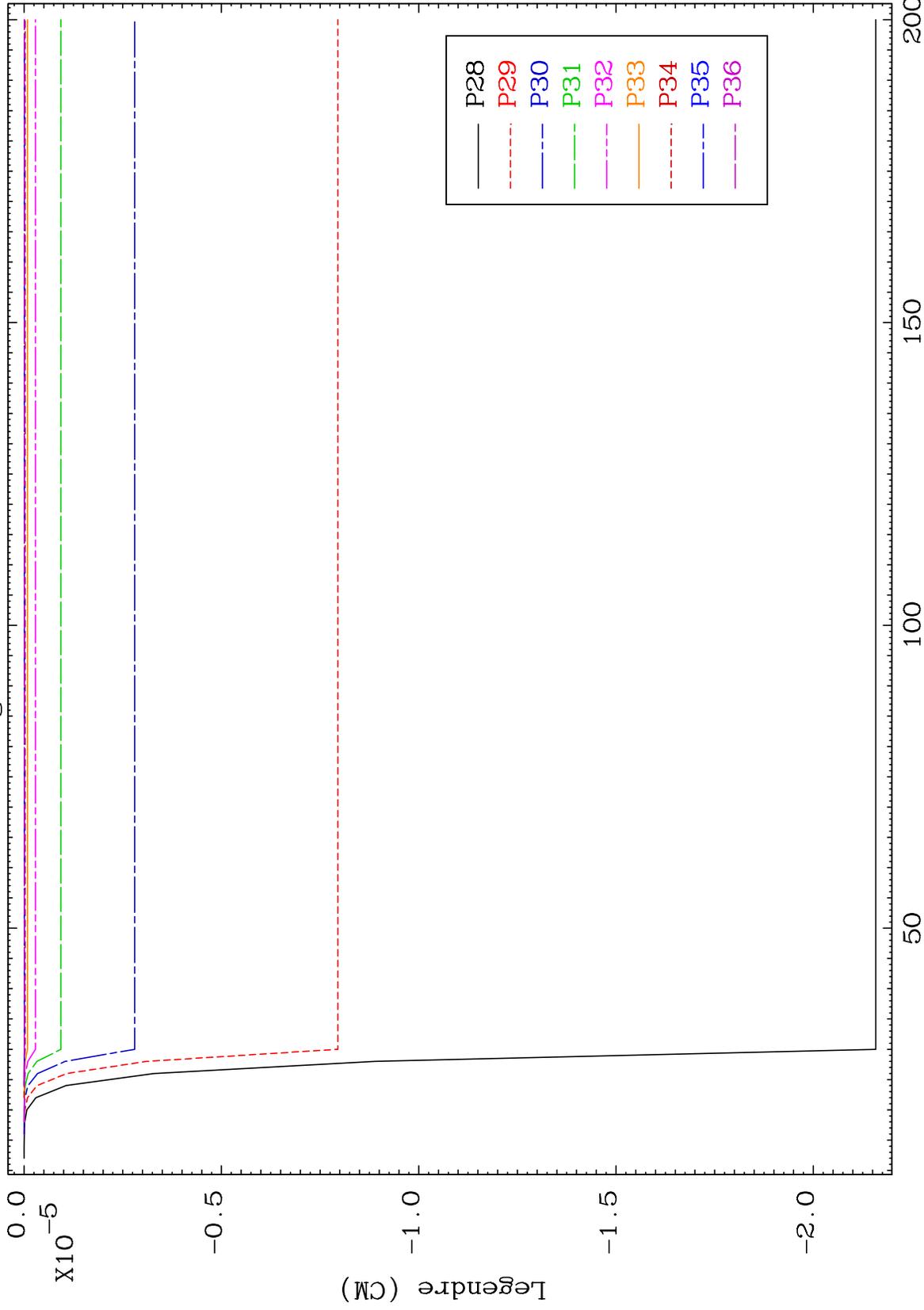
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



71

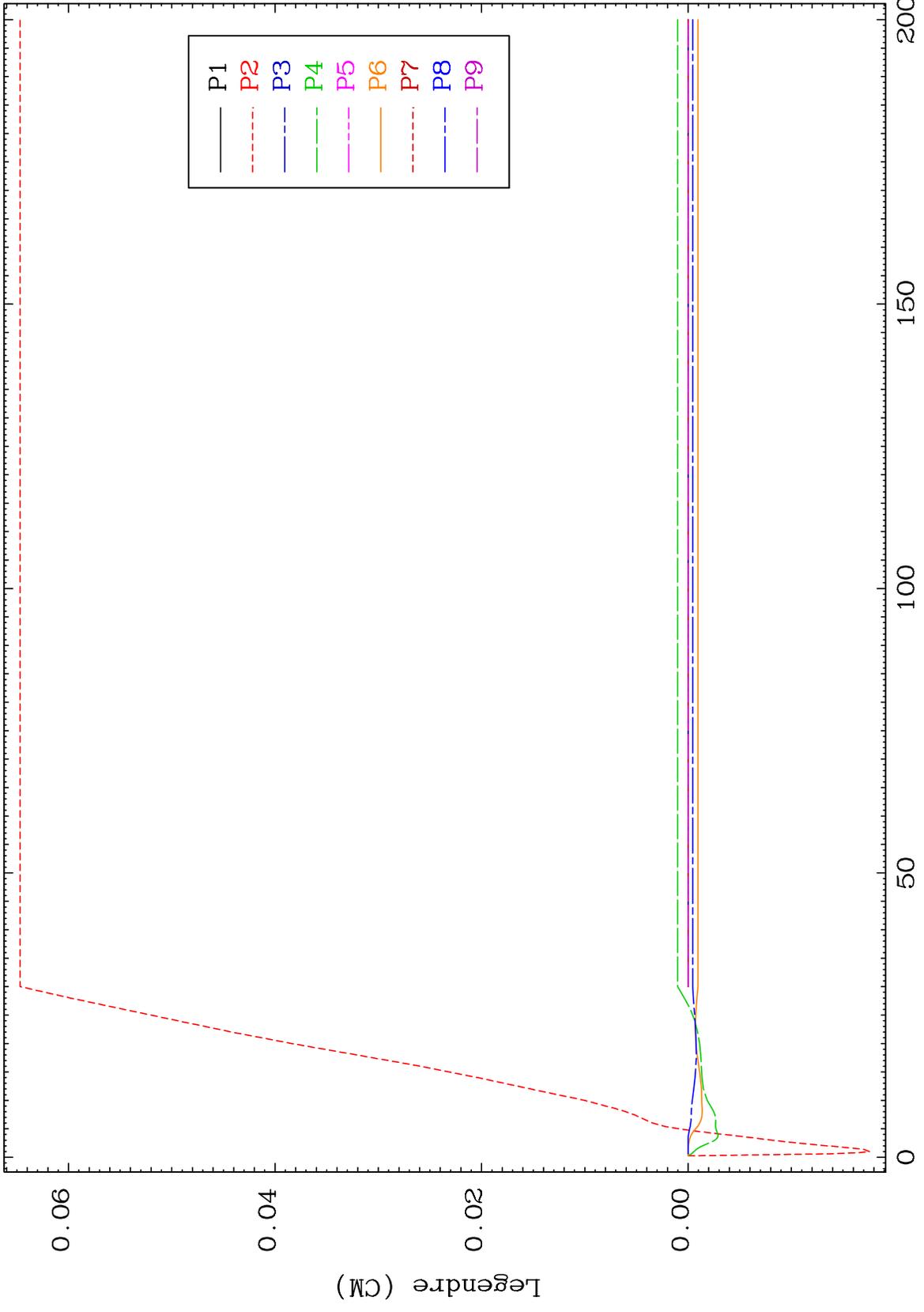
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

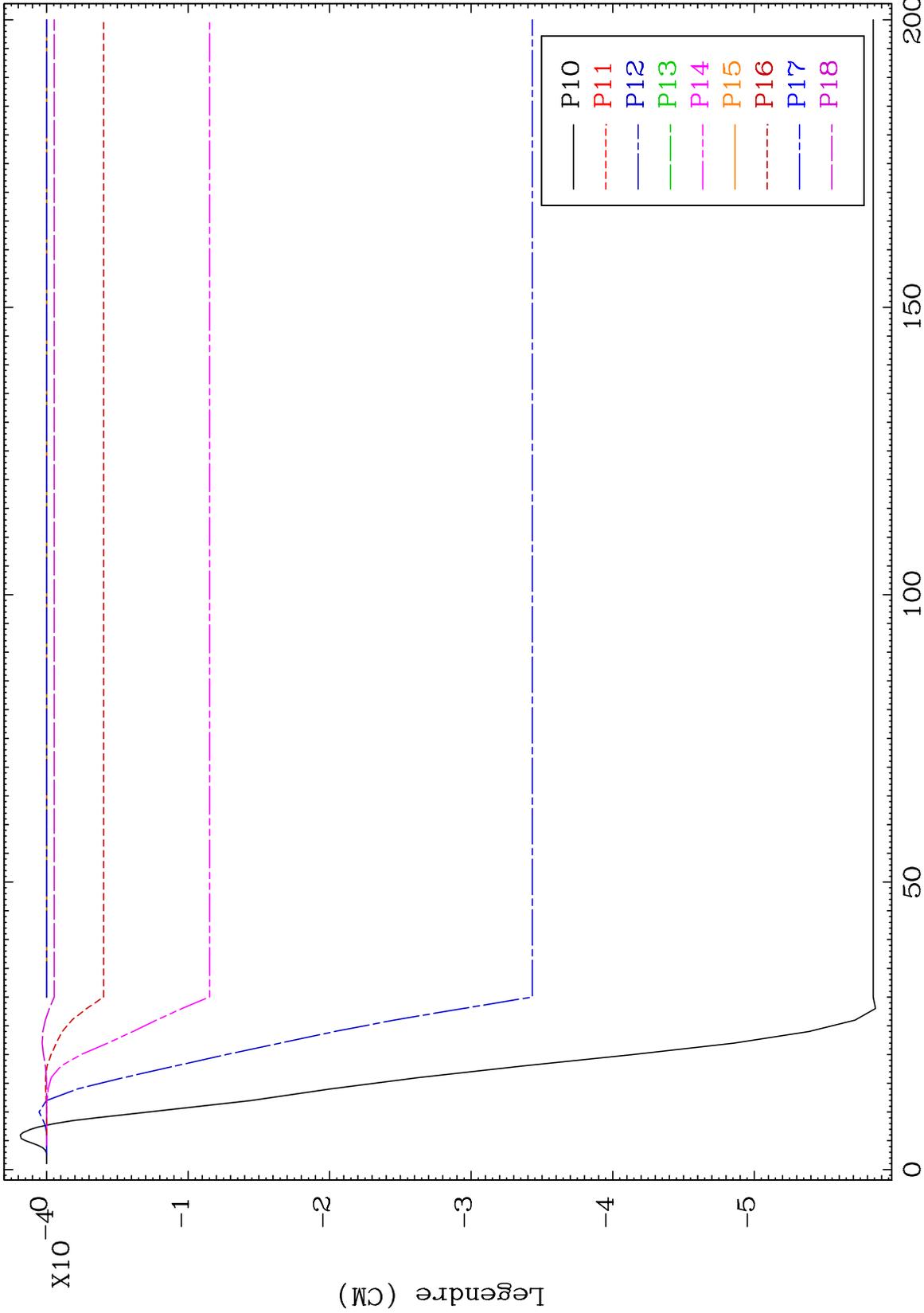
Incident Energy (MeV)

72

MAT 7668

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

77-Ir-172



73

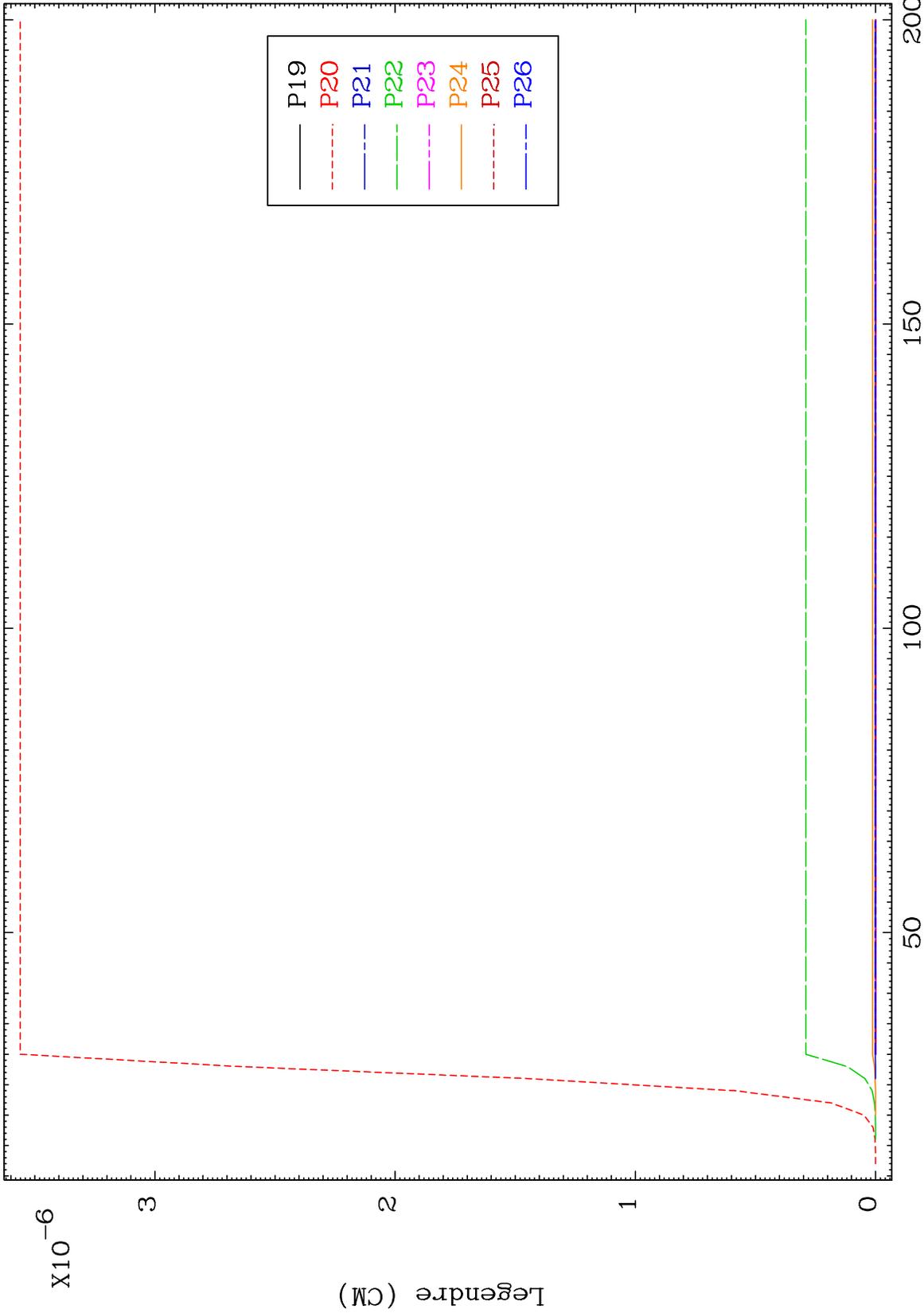
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



74

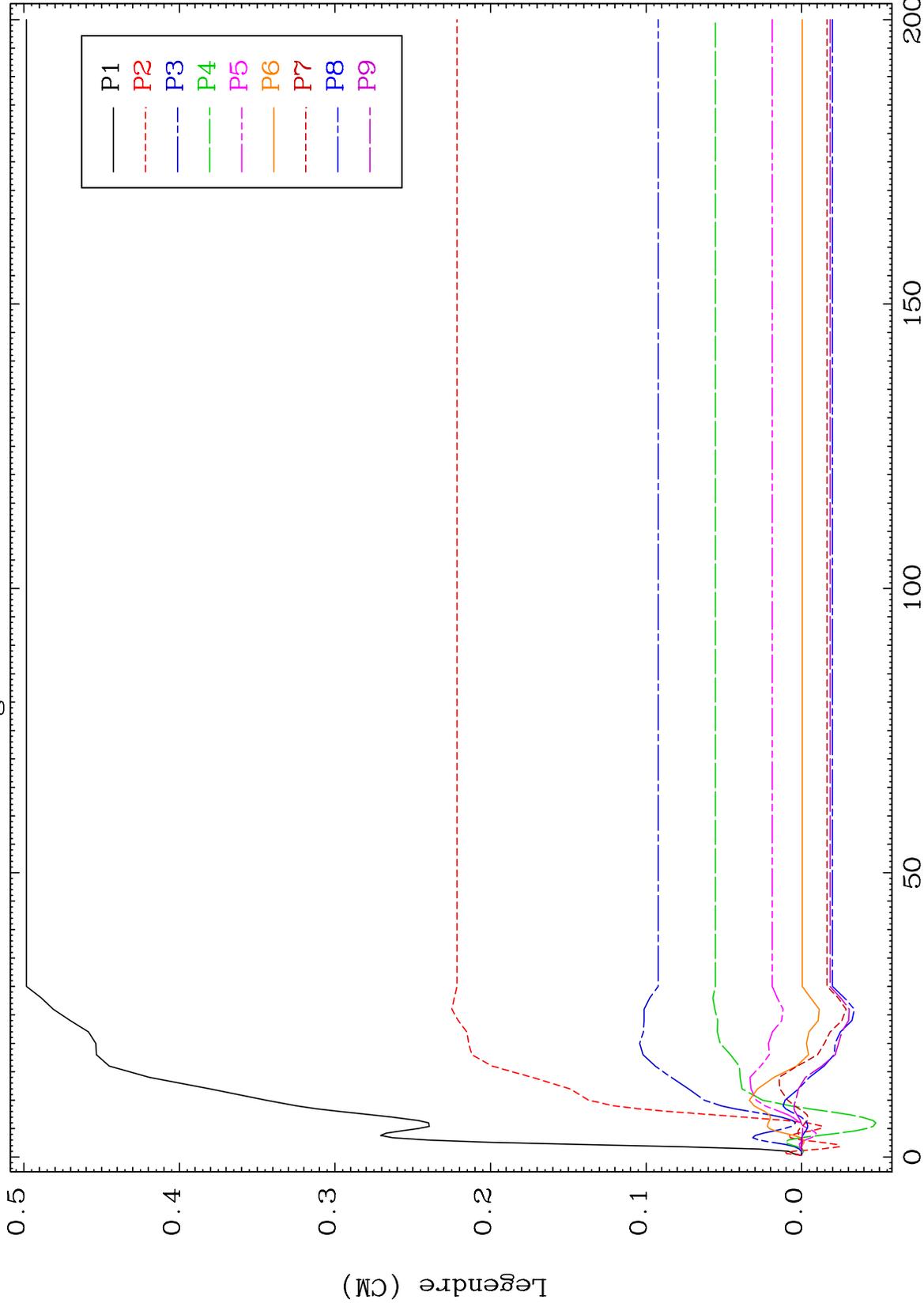
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



75

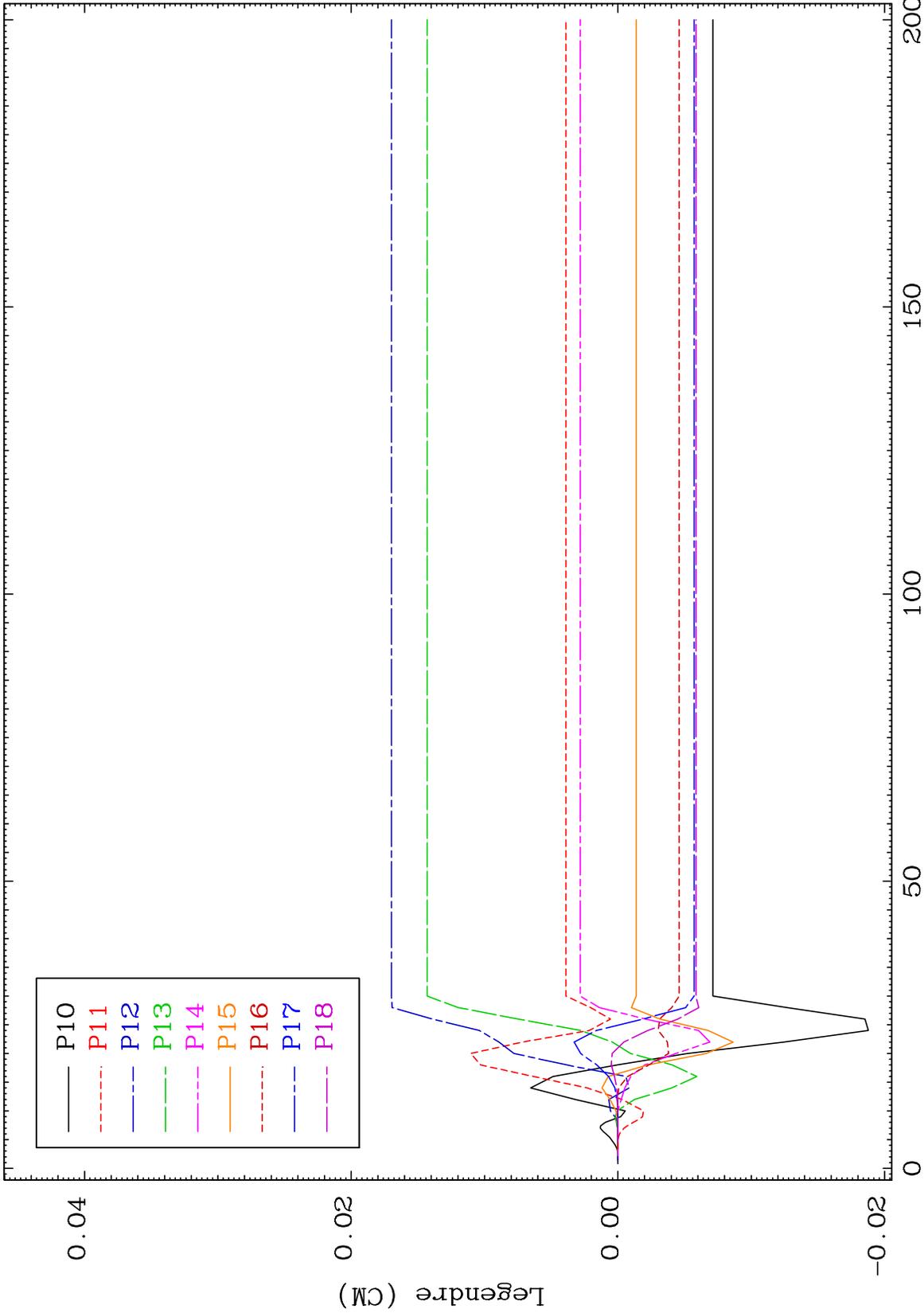
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



76

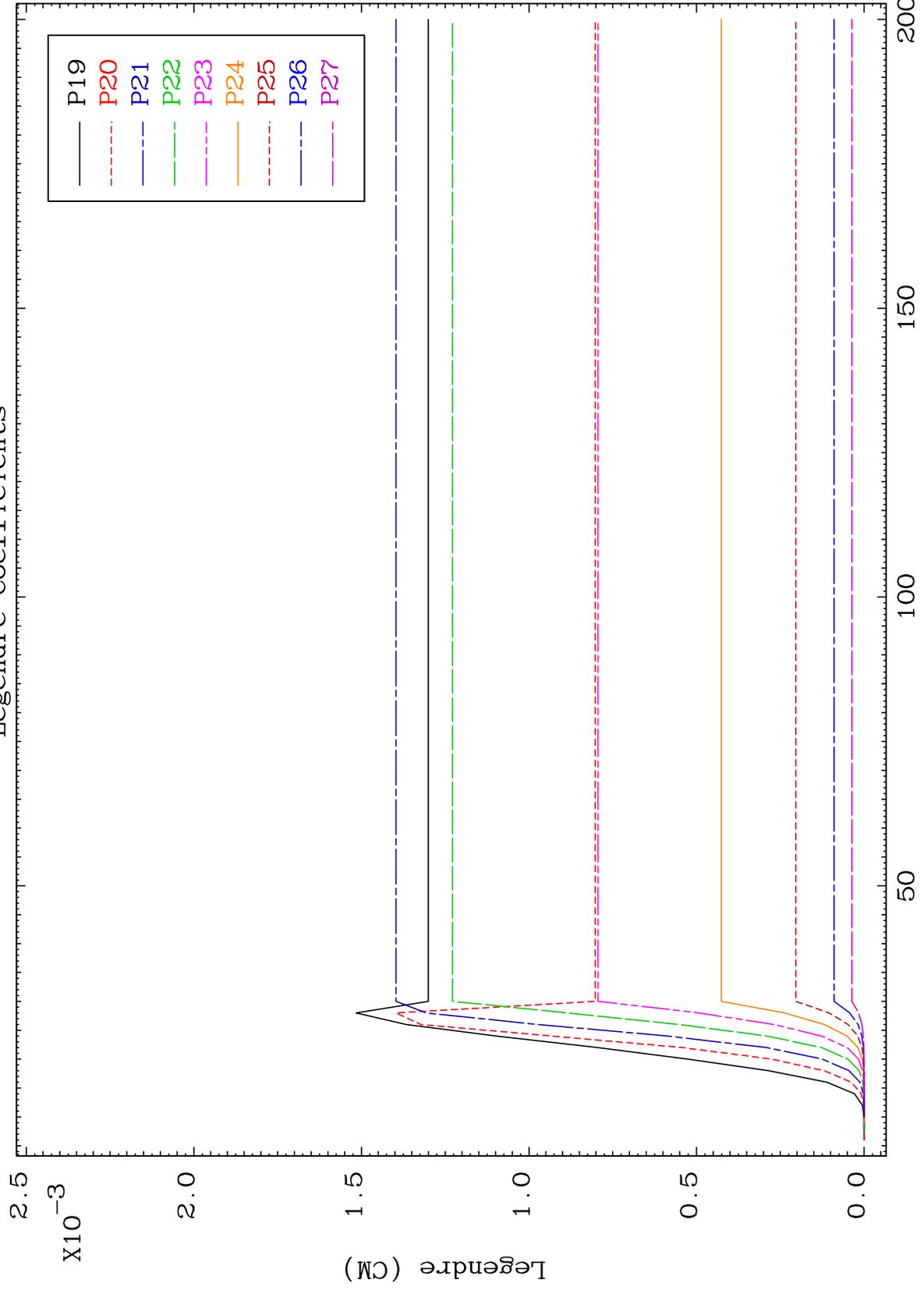
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



77

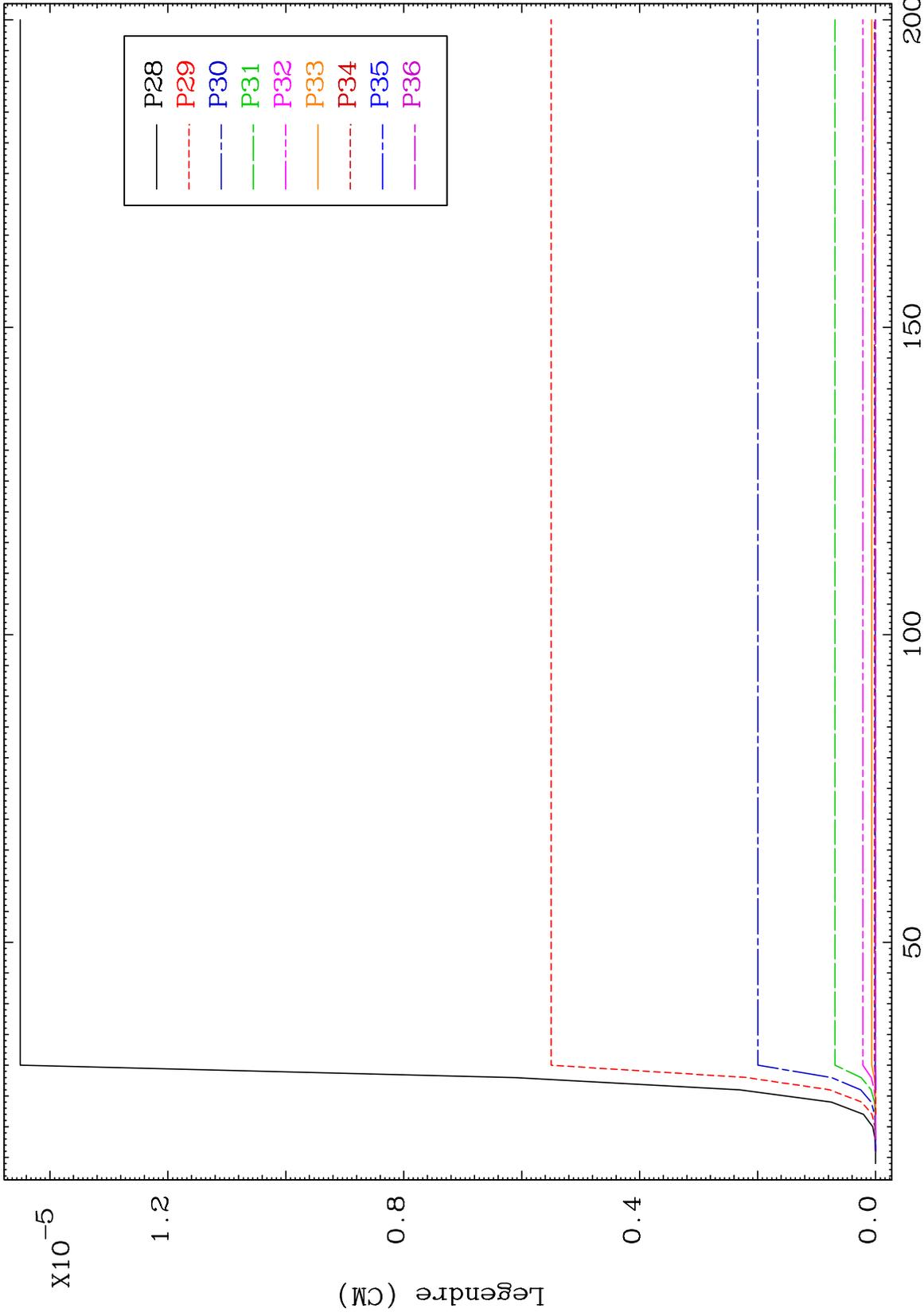
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



78

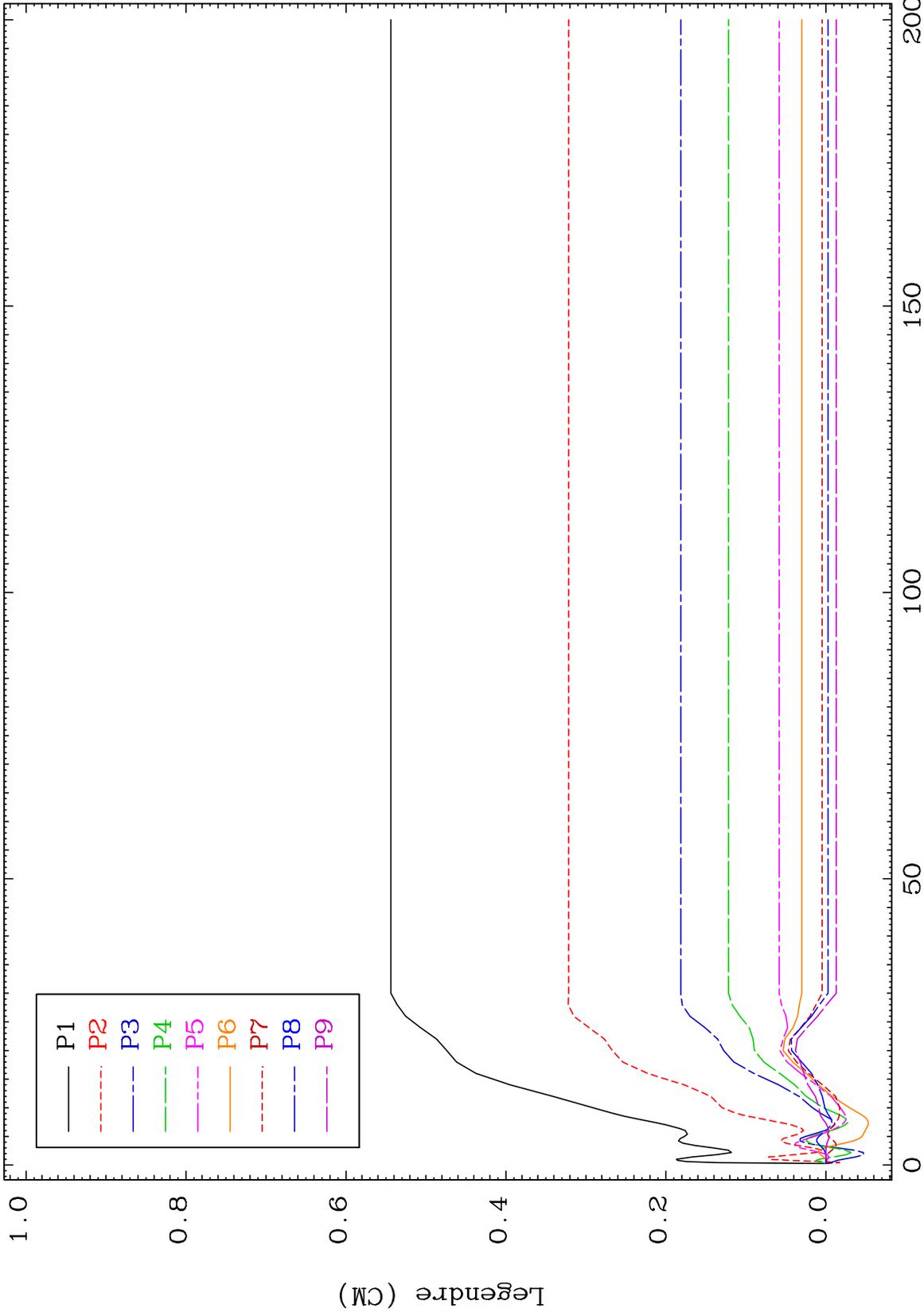
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172

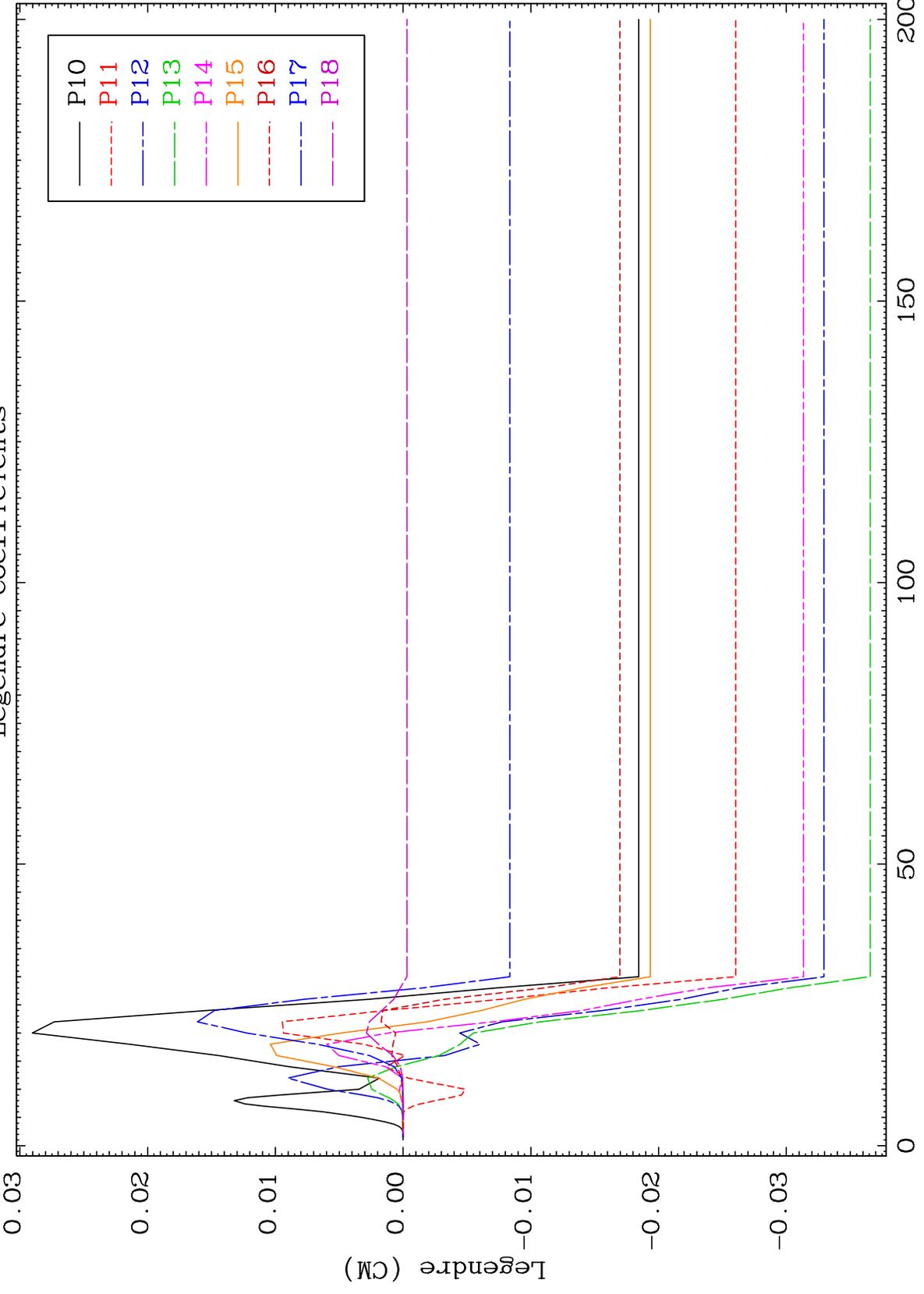


79

Incident Energy (MeV)

77-Ir-172

MAT 7668 MT= 68 (n,n') Level Legendre Coefficients 77-Ir-172

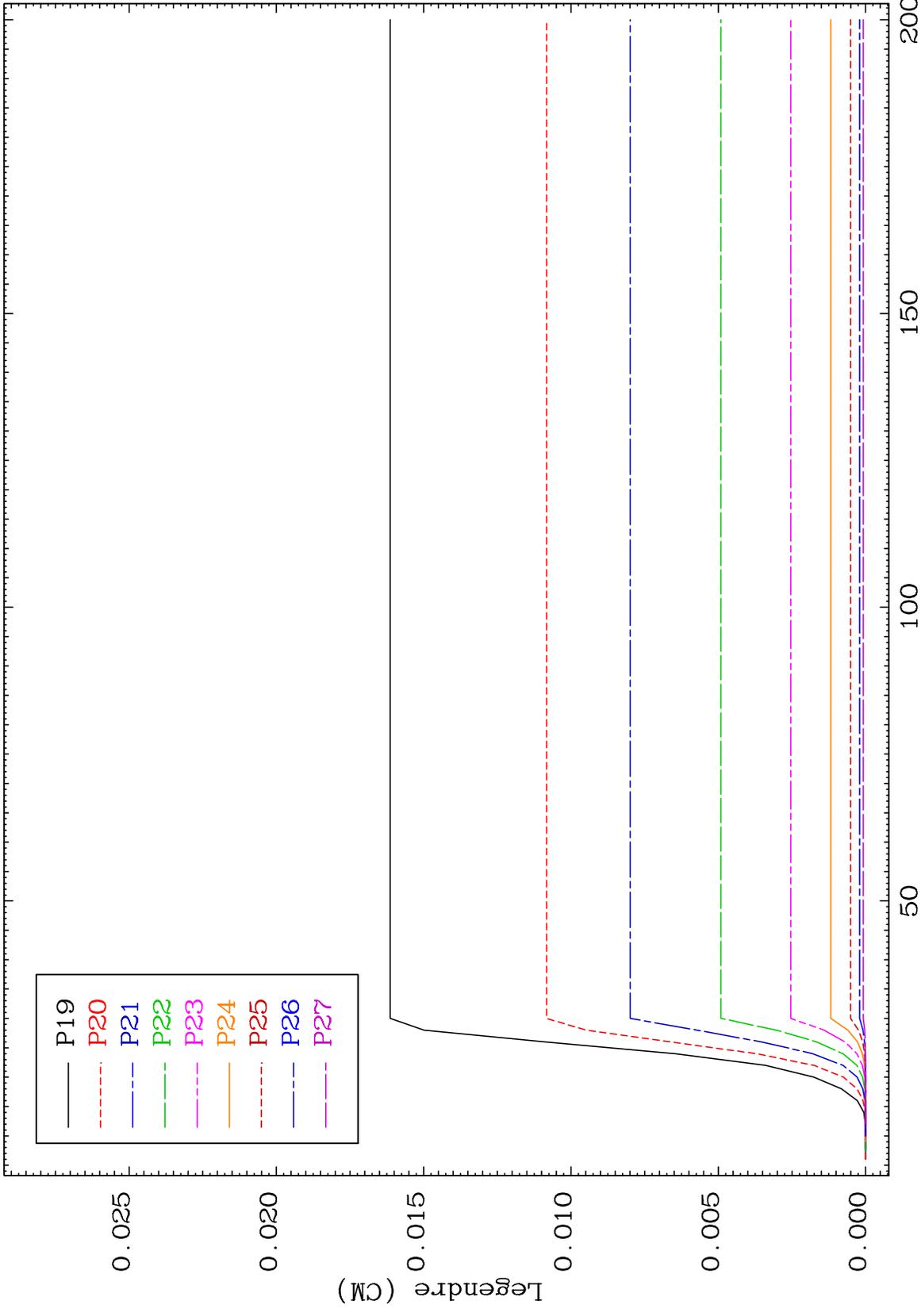


80 77-Ir-172

MAT 7668

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

77-Ir-172



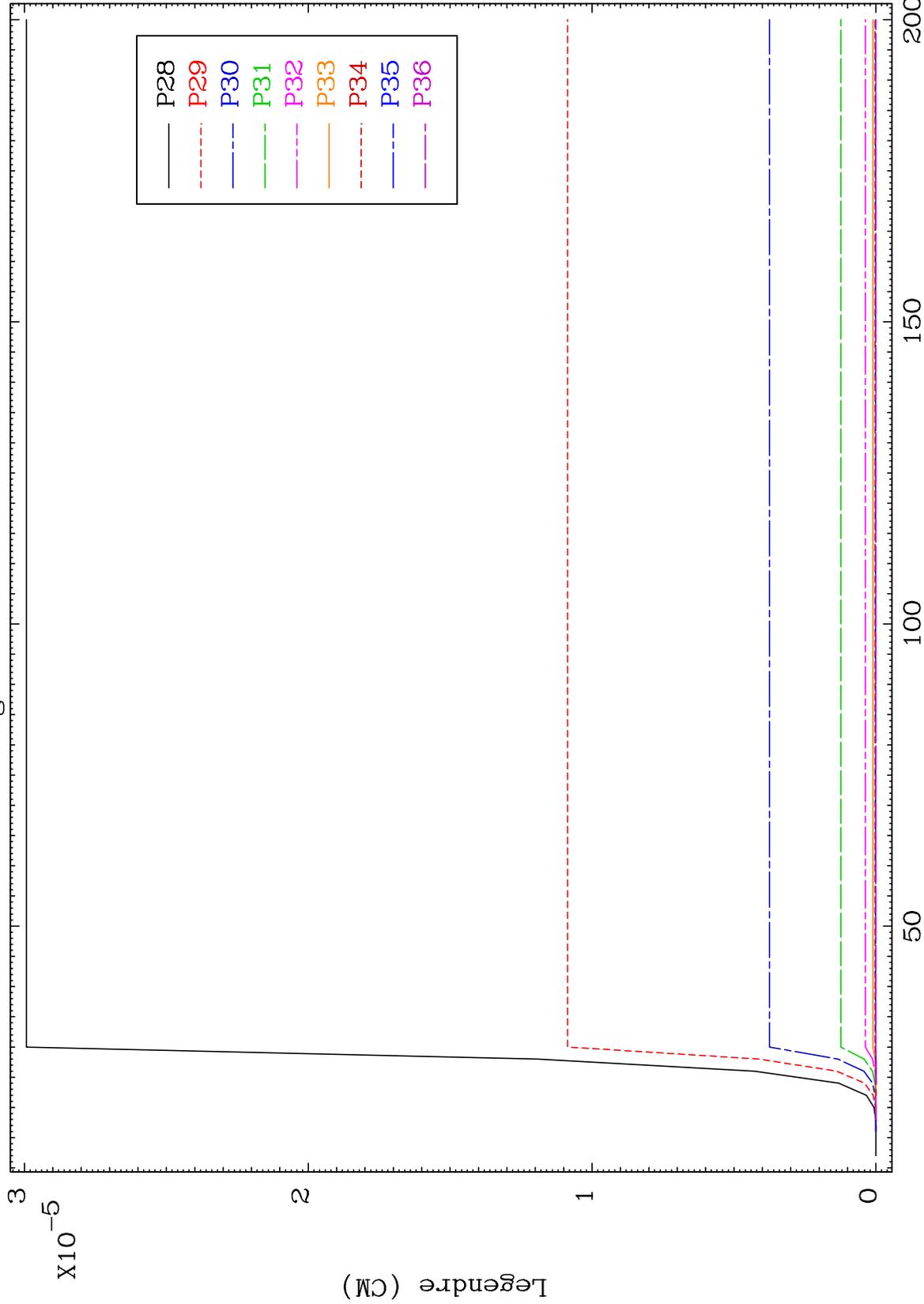
81

77-Ir-172

MAT 7668

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

77-Ir-172



82

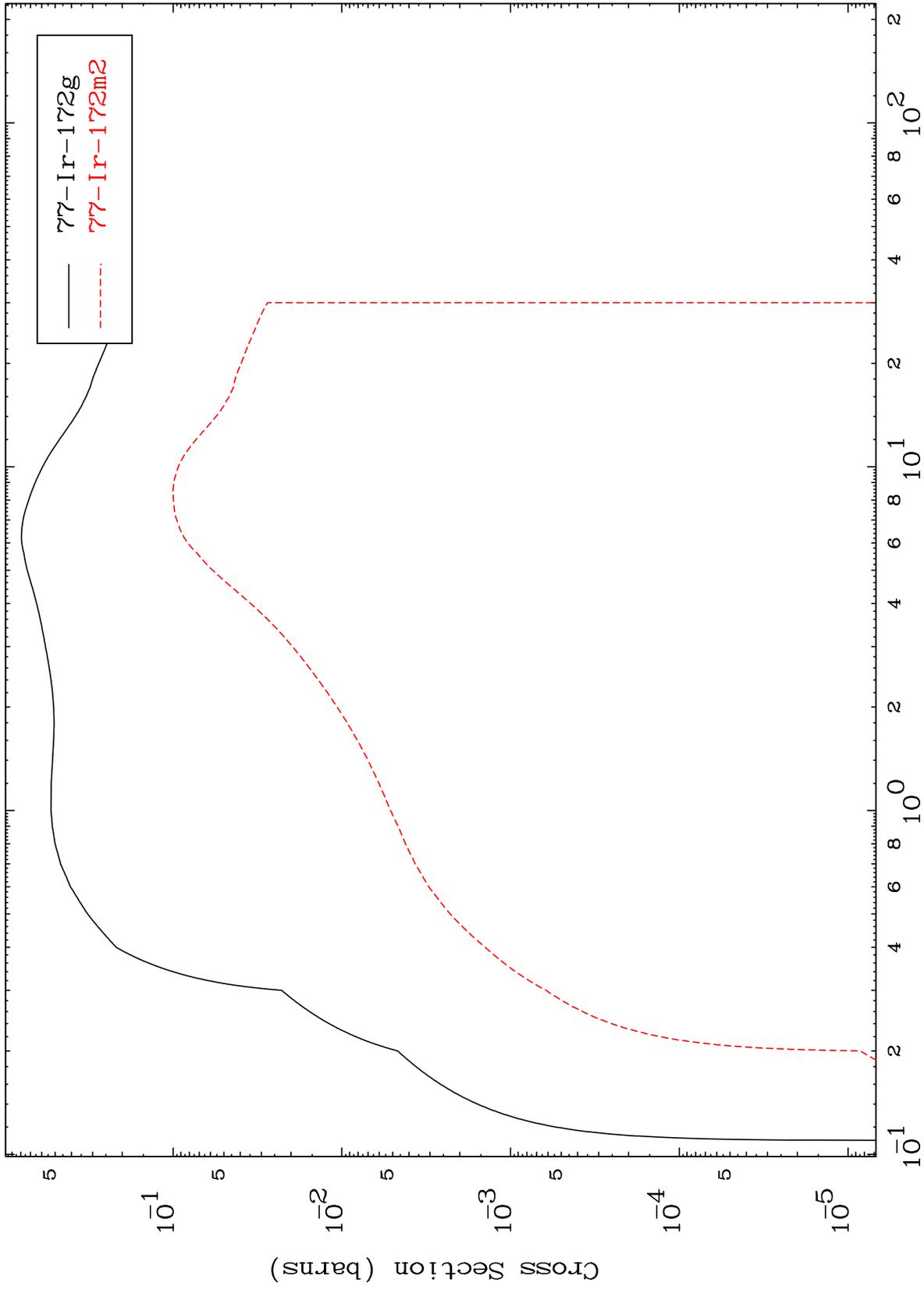
Incident Energy (MeV)

77-Ir-172

MAT 7668

Inelastic Radionuclide Production Cross Section

⁷⁷Ir-172



83

Incident Energy (MeV)

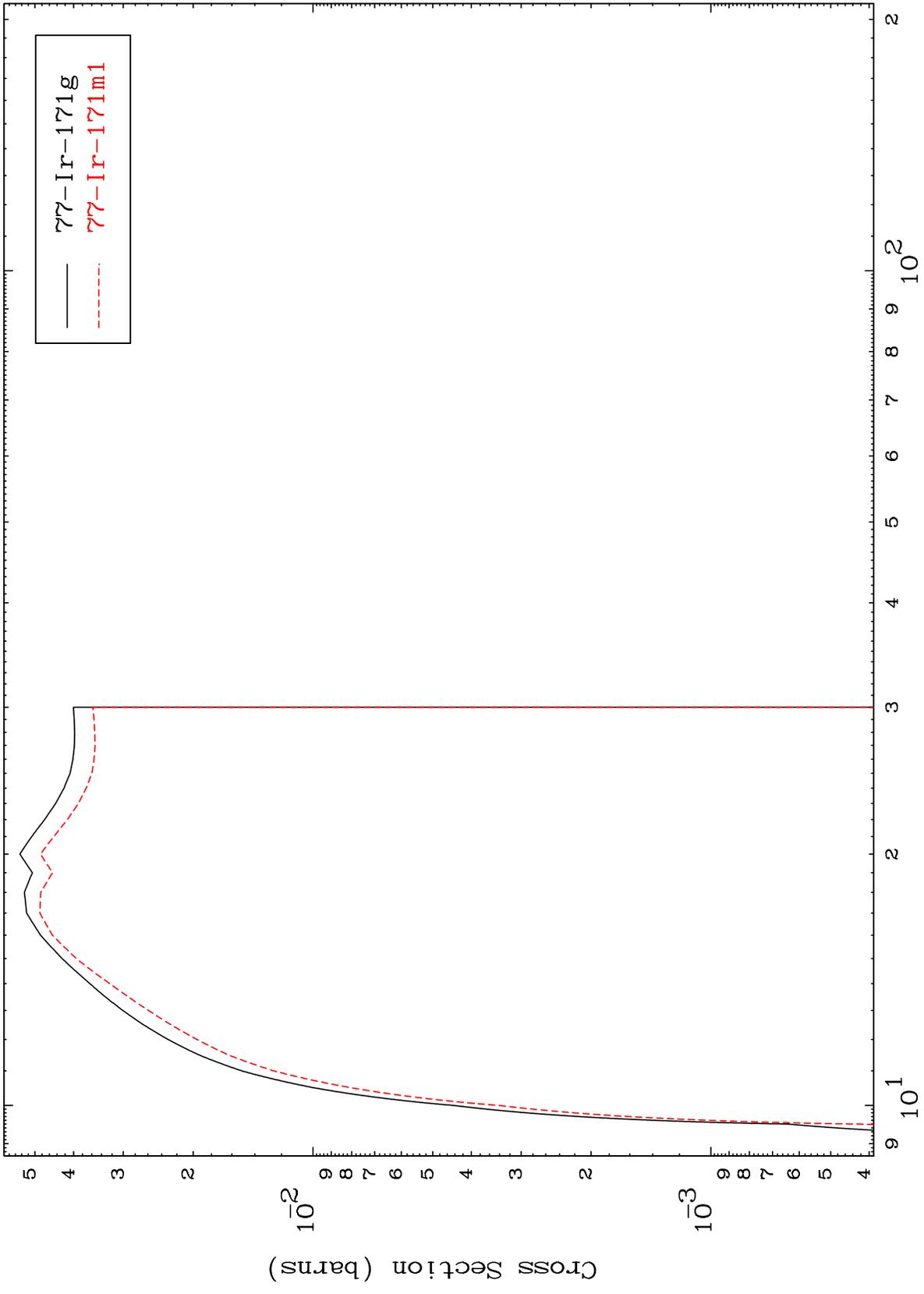
⁷⁷Ir-172

MAT 7668

(n,2n)

⁷⁷Ir-172

Radionuclide Production Cross Section



84

Incident Energy (MeV)

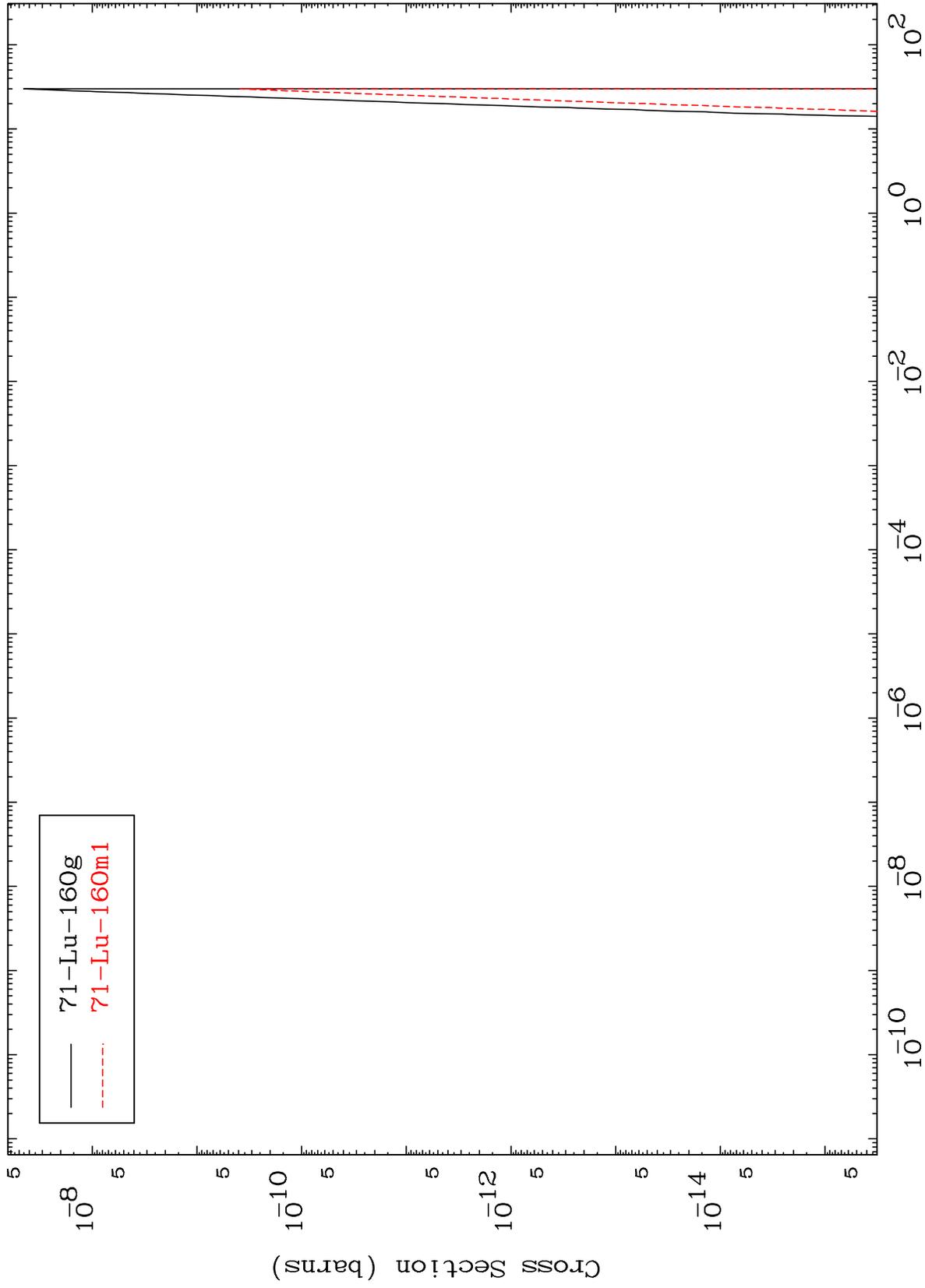
⁷⁷Ir-172

MAT 7668

(n, n') 3 α

⁷⁷Ir-172

Radionuclide Production Cross Section



85

Incident Energy (MeV)

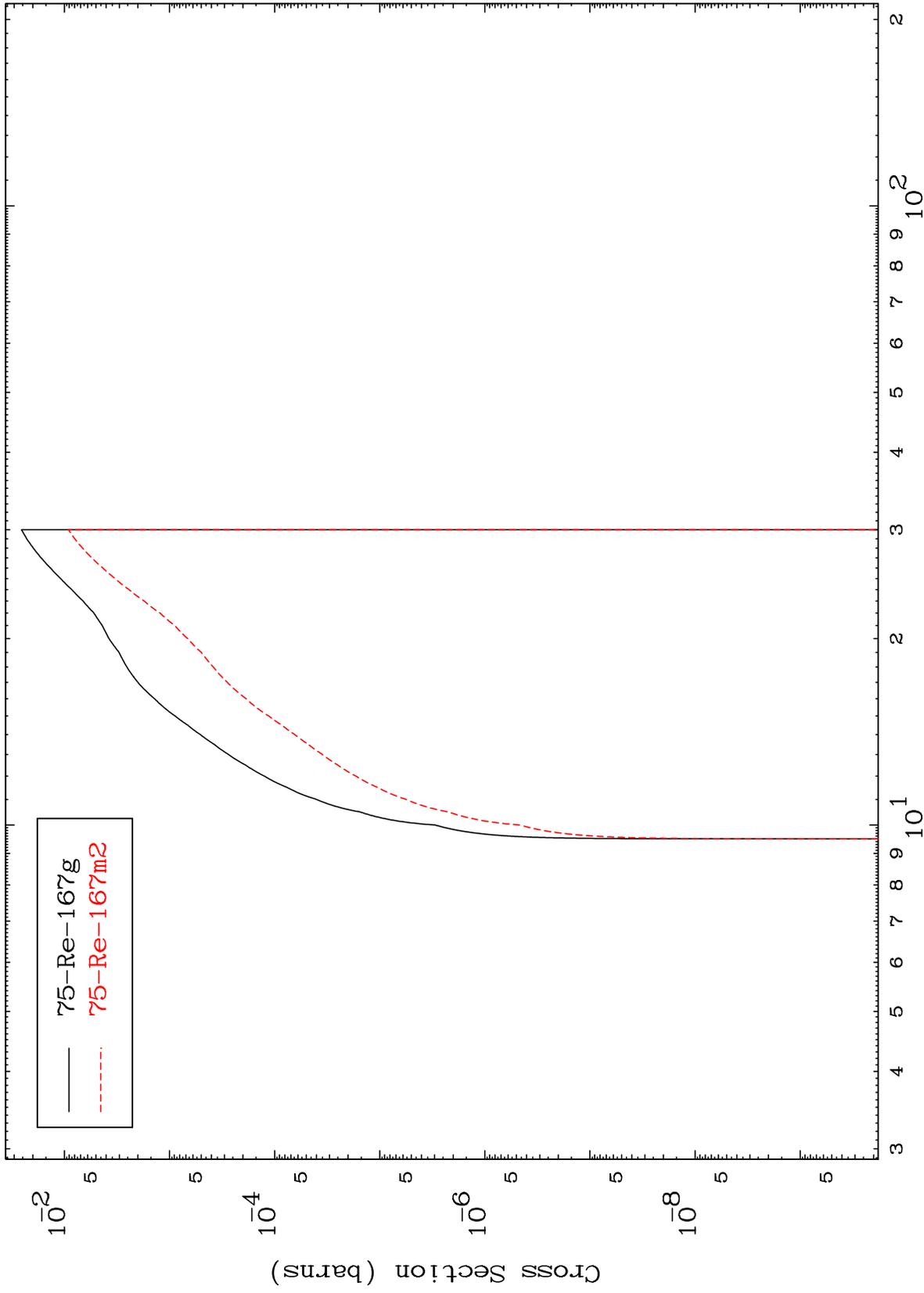
⁷⁷Ir-172

MAT 7668

(n,2n) α

77-Ir-172

Radionuclide Production Cross Section



86

Incident Energy (MeV)

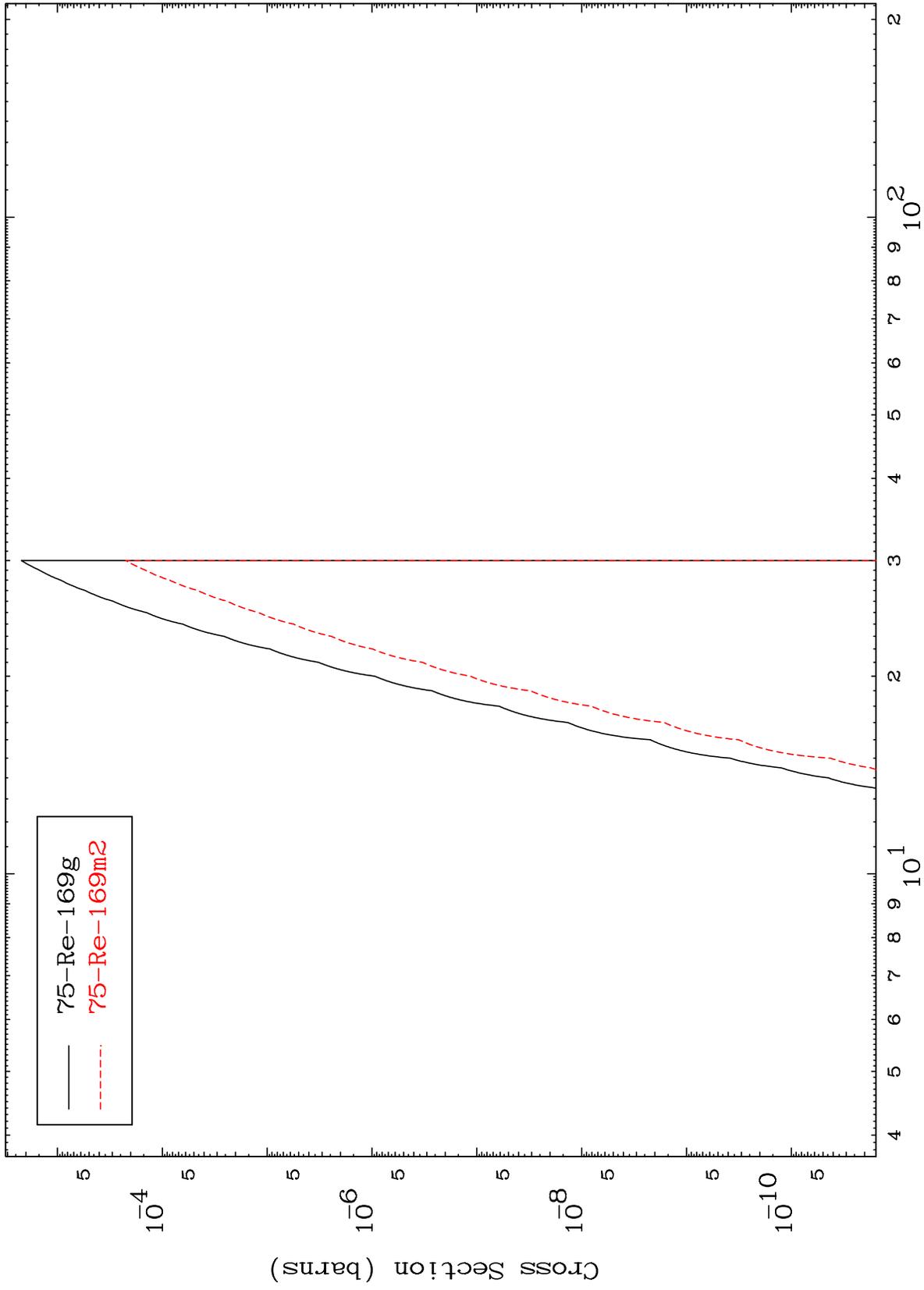
77-Ir-172

MAT 7668

(n, n') He-3

77-Ir-172

Radionuclide Production Cross Section



87

Incident Energy (MeV)

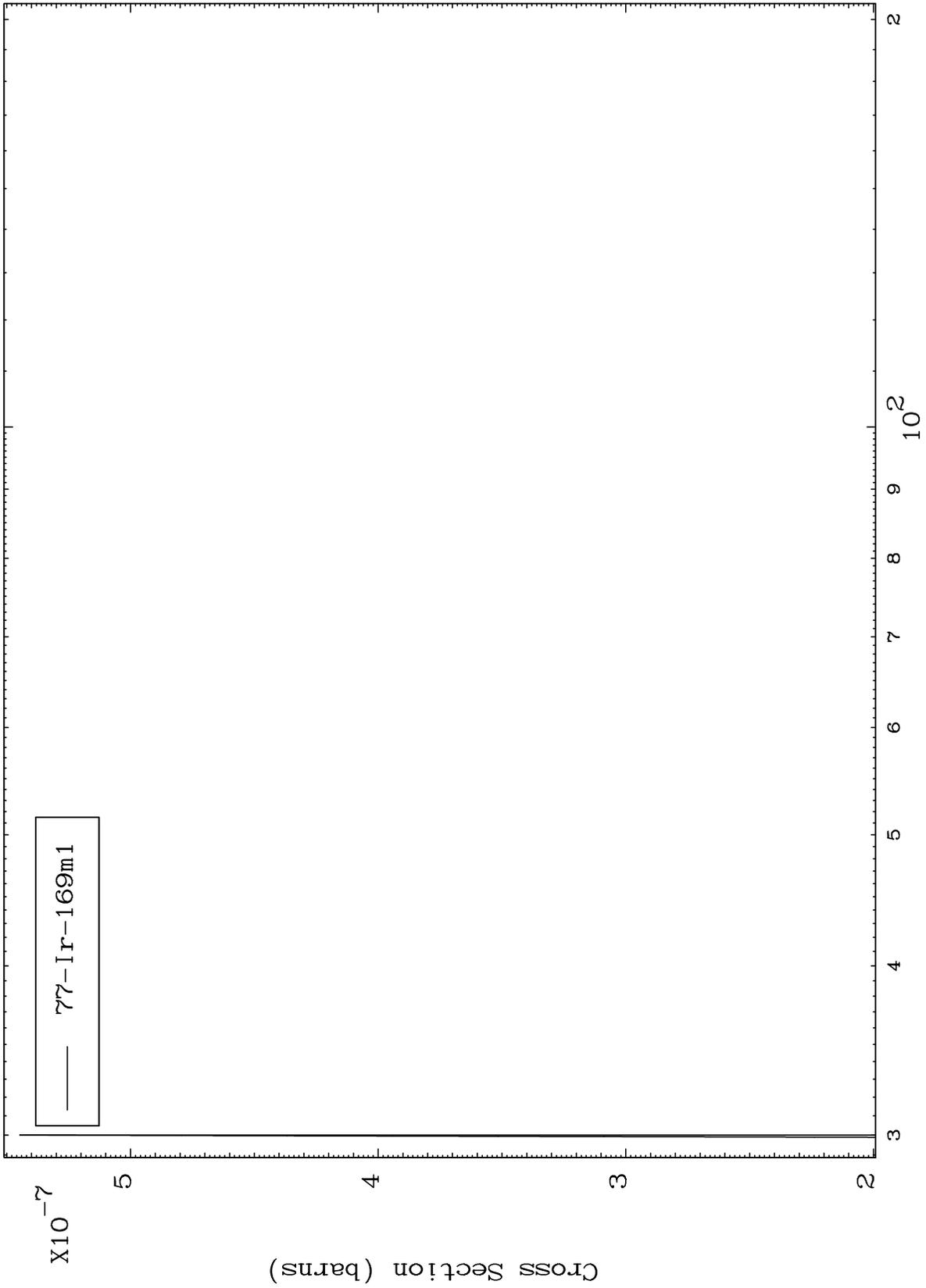
77-Ir-172

MAT 7668

(n,4n)

⁷⁷Ir-172

Radionuclide Production Cross Section



88

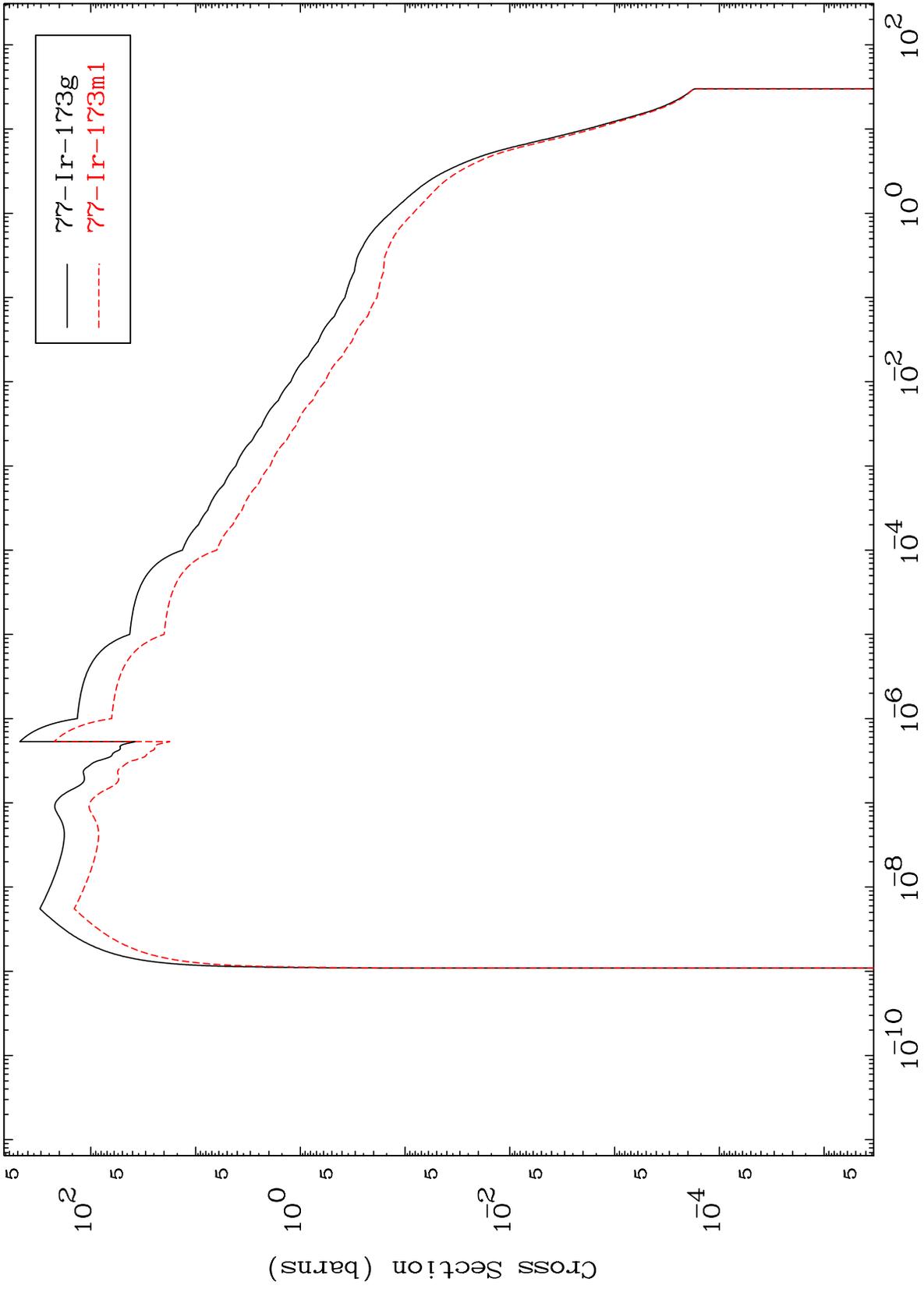
Incident Energy (MeV)

⁷⁷Ir-172

MAT 7668

⁷⁷Ir-172

(n,γ)
Radionuclide Production Cross Section



89

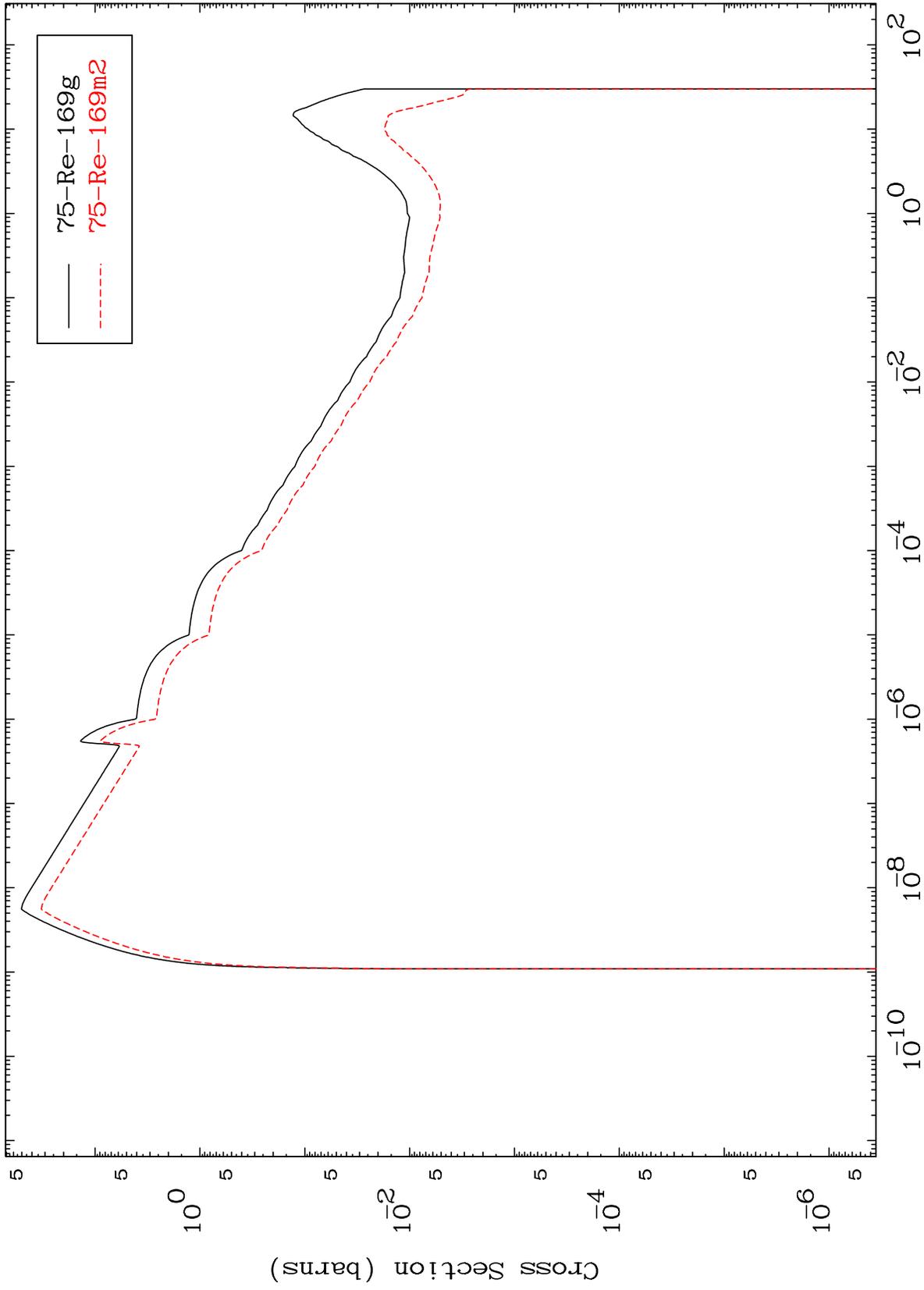
⁷⁷Ir-172

MAT 7668

(n, α)

77-Ir-172

Radionuclide Production Cross Section



90

Incident Energy (MeV)

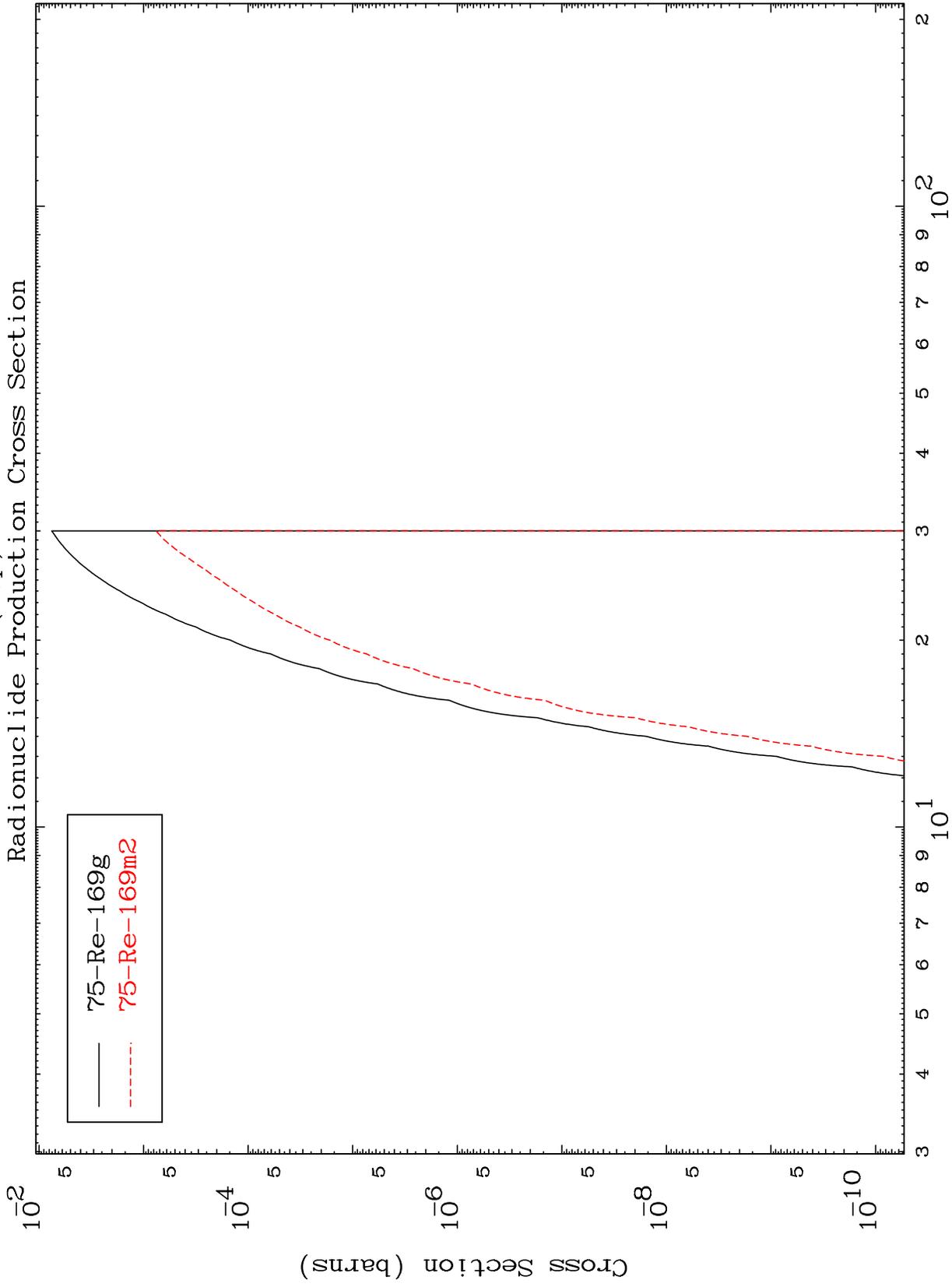
77-Ir-172

MAT 7668

(n,p) t

77-Ir-172

Radionuclide Production Cross Section



91

77-Ir-172