

Program EVALPLOT
(Version 2018-1)

by

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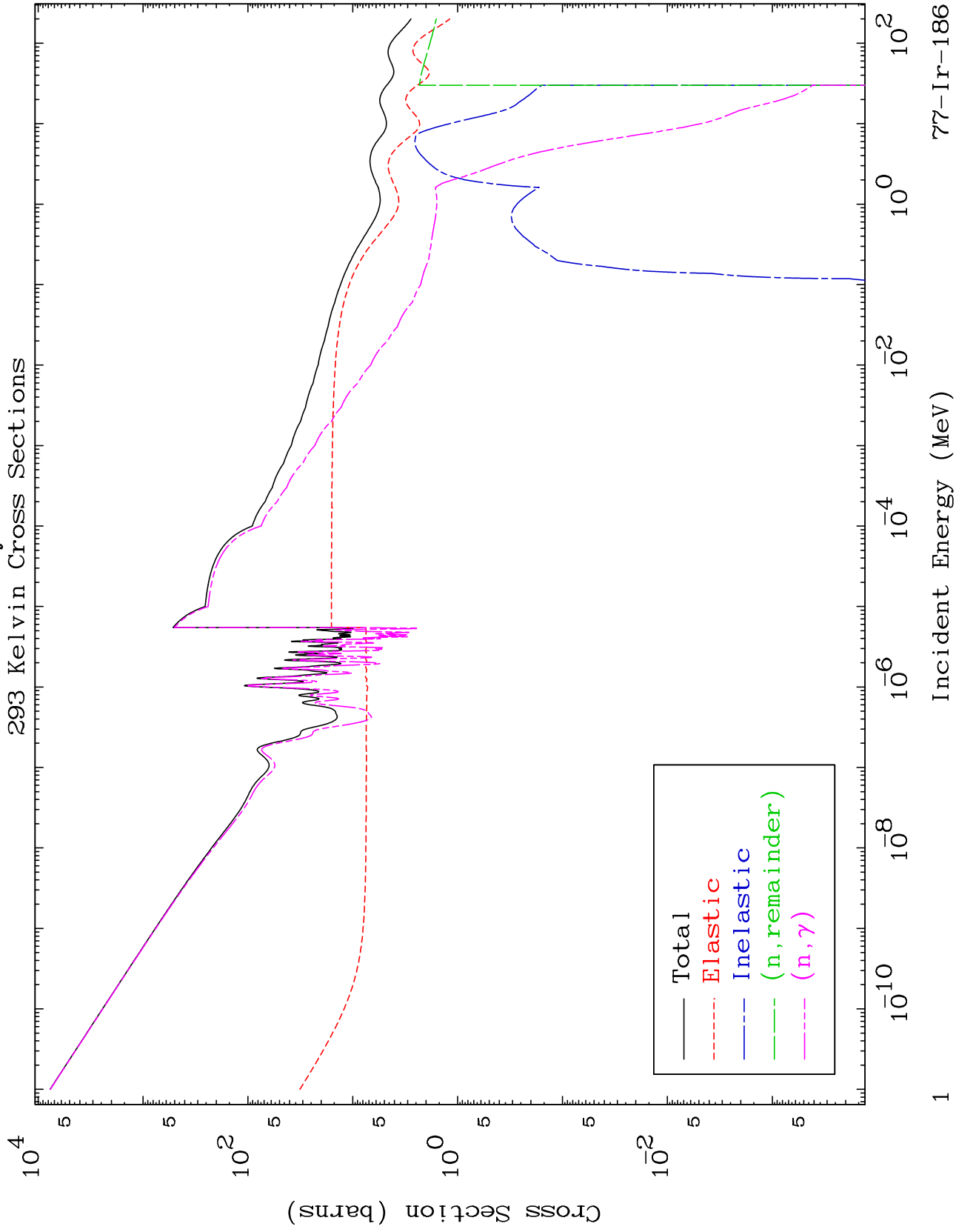
Press Mouse Button to Start

MAT 7710

Major

293 Kelvin Cross Sections

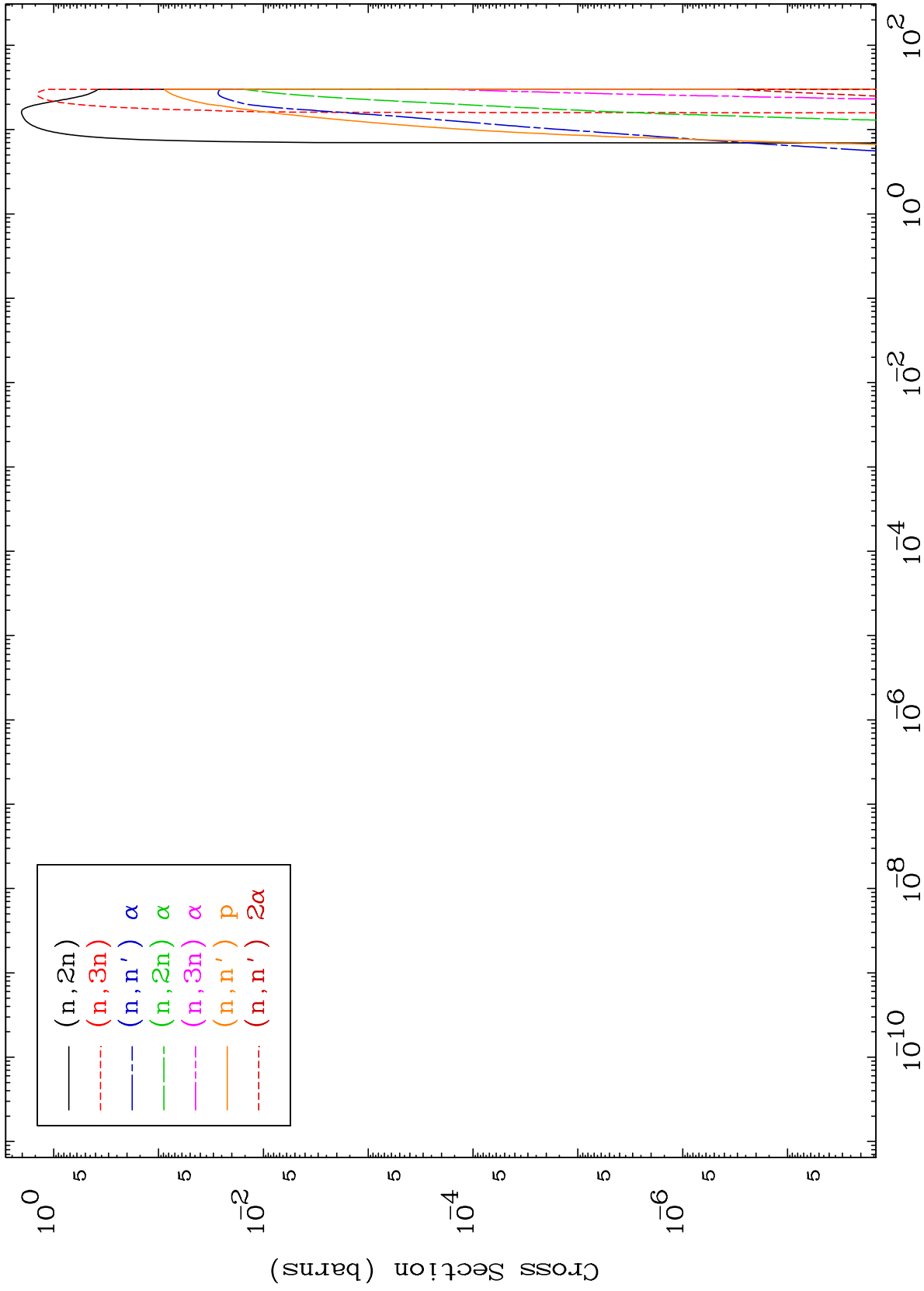
77-Ir-186



MAT 7710

Neutron Production
293 Kelvin Cross Sections

77-Ir-186



2

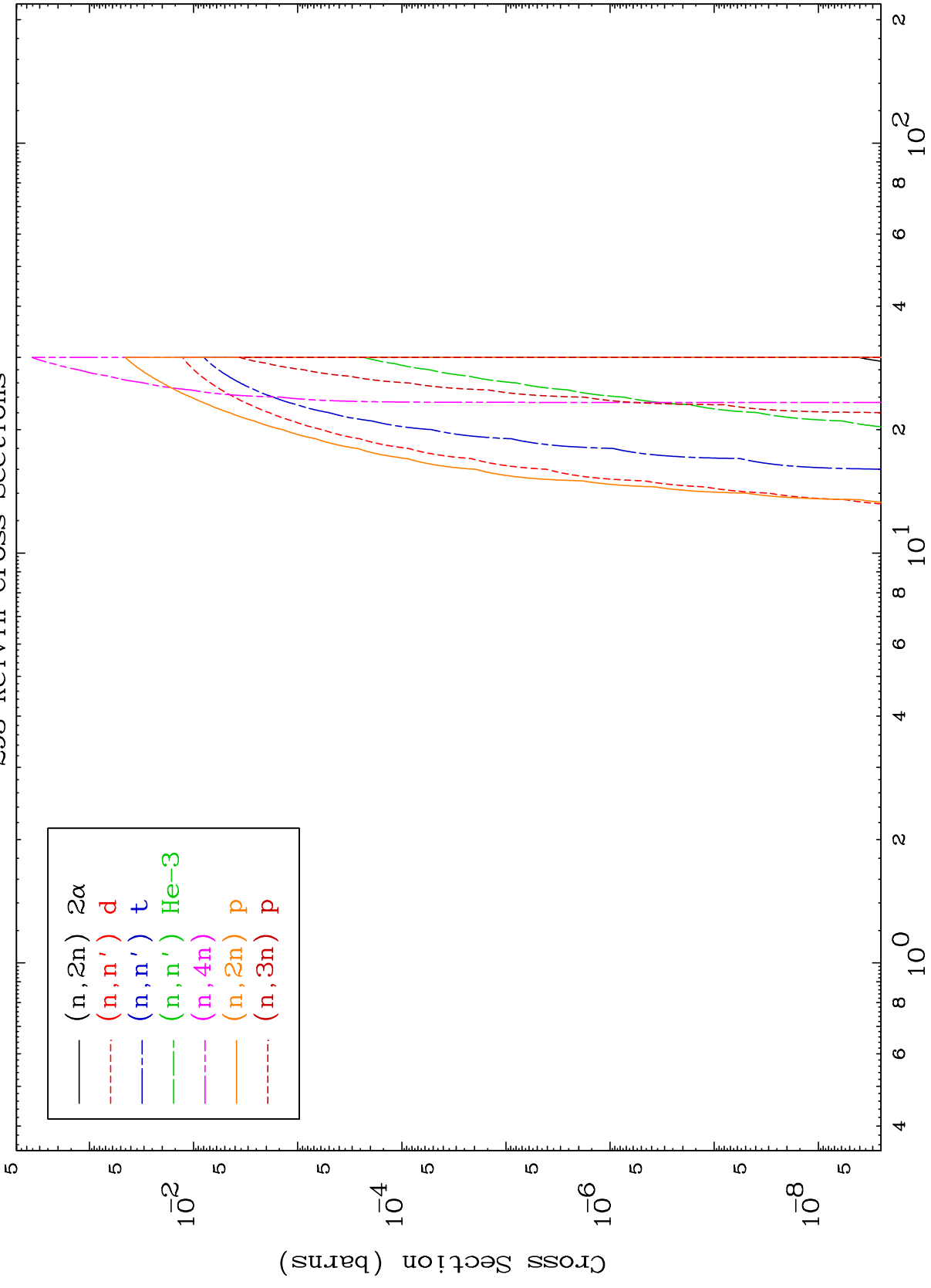
Incident Energy (MeV)

77-Ir-186

MAT 7710

Neutron Production
293 Kelvin Cross Sections

77-Ir-186



3

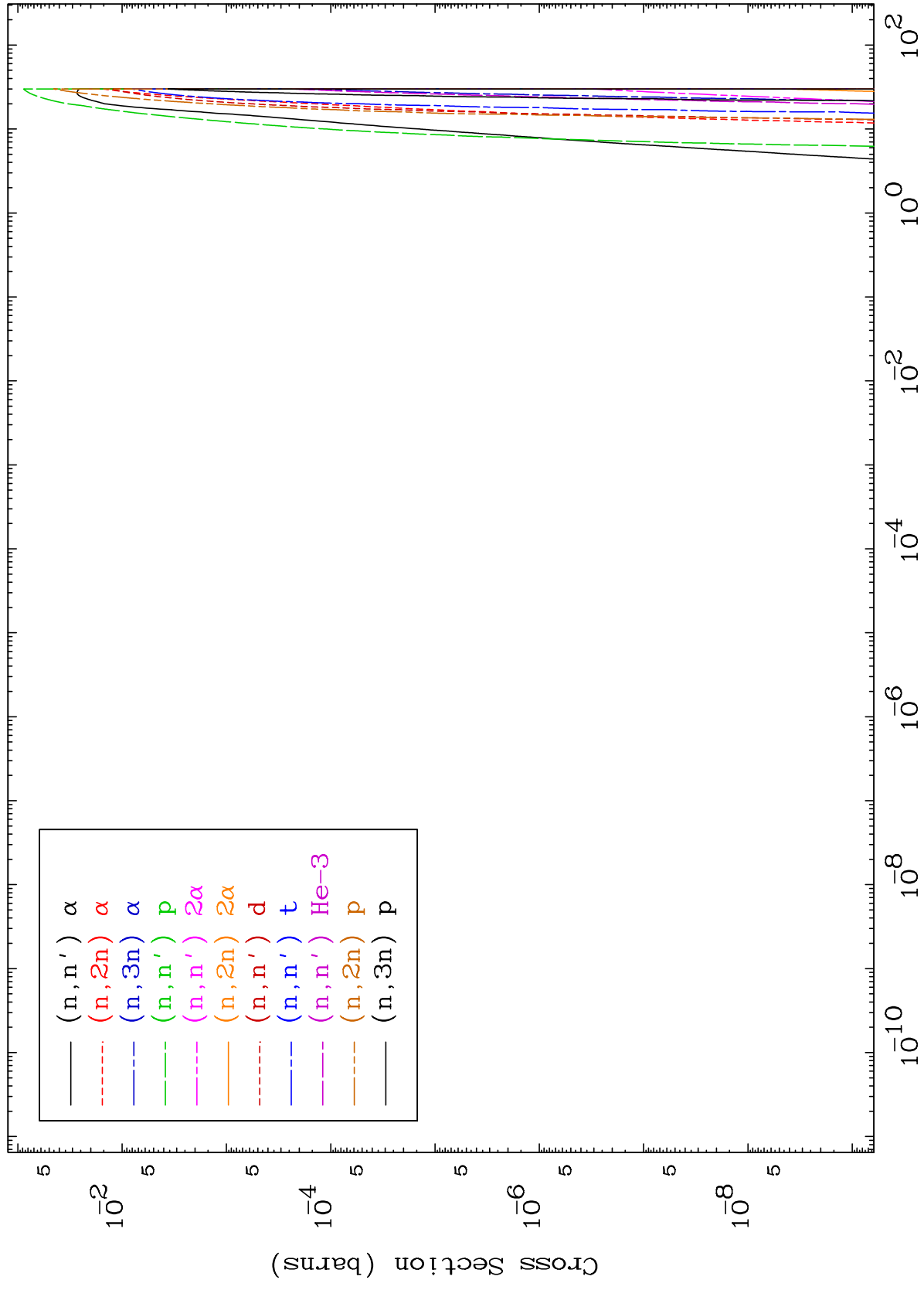
Incident Energy (MeV)

77-Ir-186

MAT 7710

Charged Particle
293 Kelvin Cross Sections

77-Ir-186

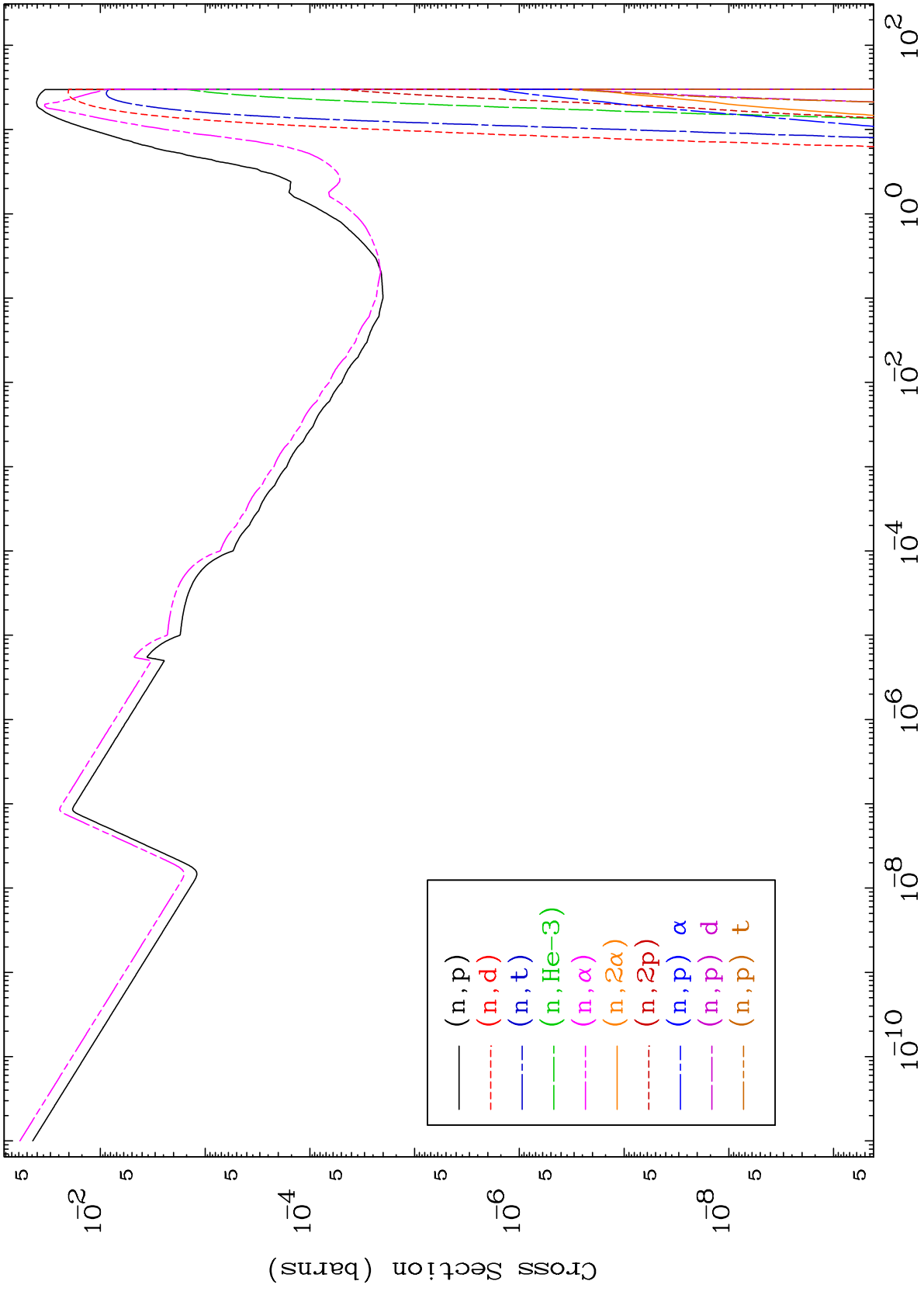


77-Ir-186

MAT 7710

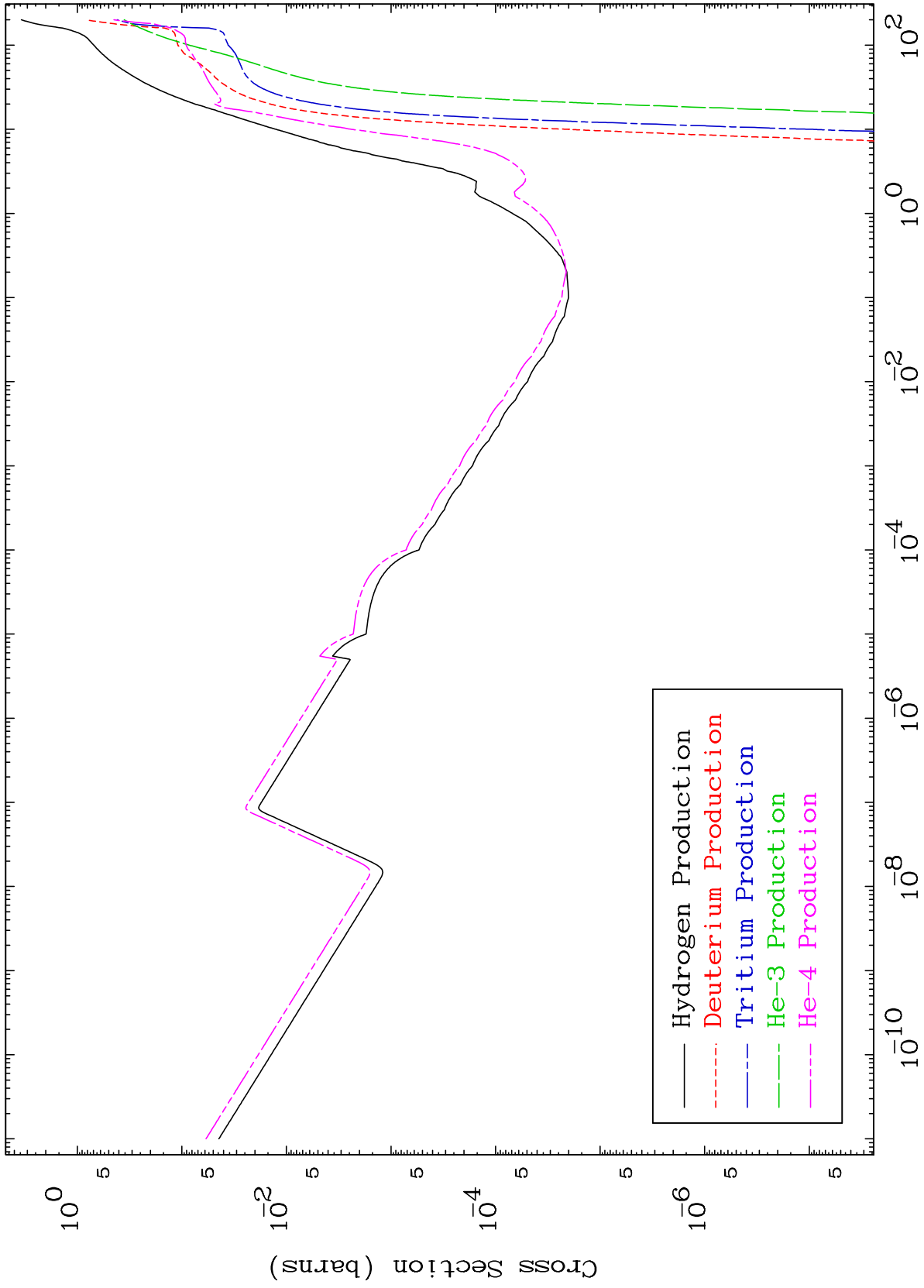
293 Kelvin Cross Sections

77-Ir-186



5

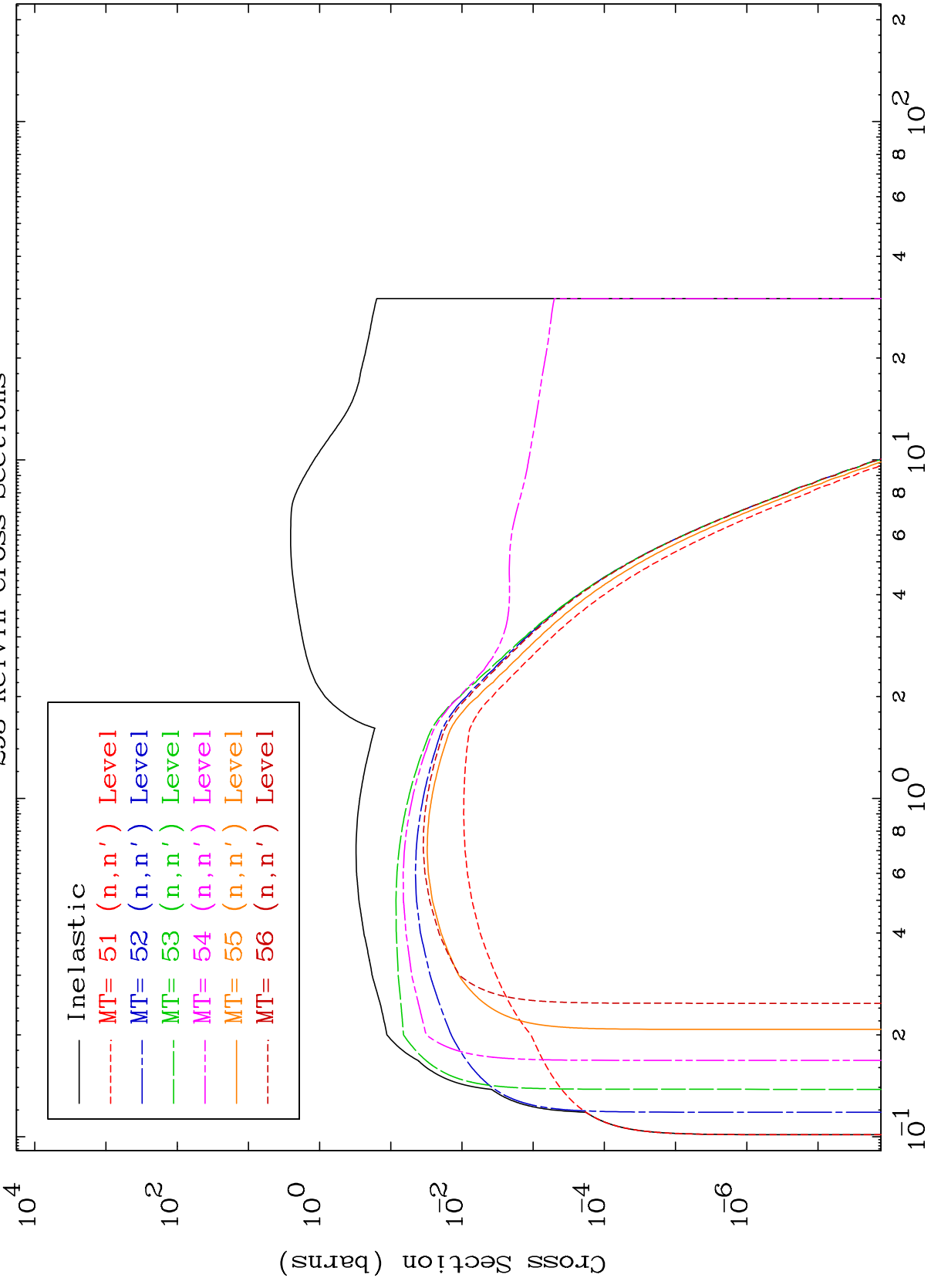
77-Ir-186



MAT 7710

(n,n') Level
293 Kelvin Cross Sections

77-Ir-186



Incident Energy (MeV)

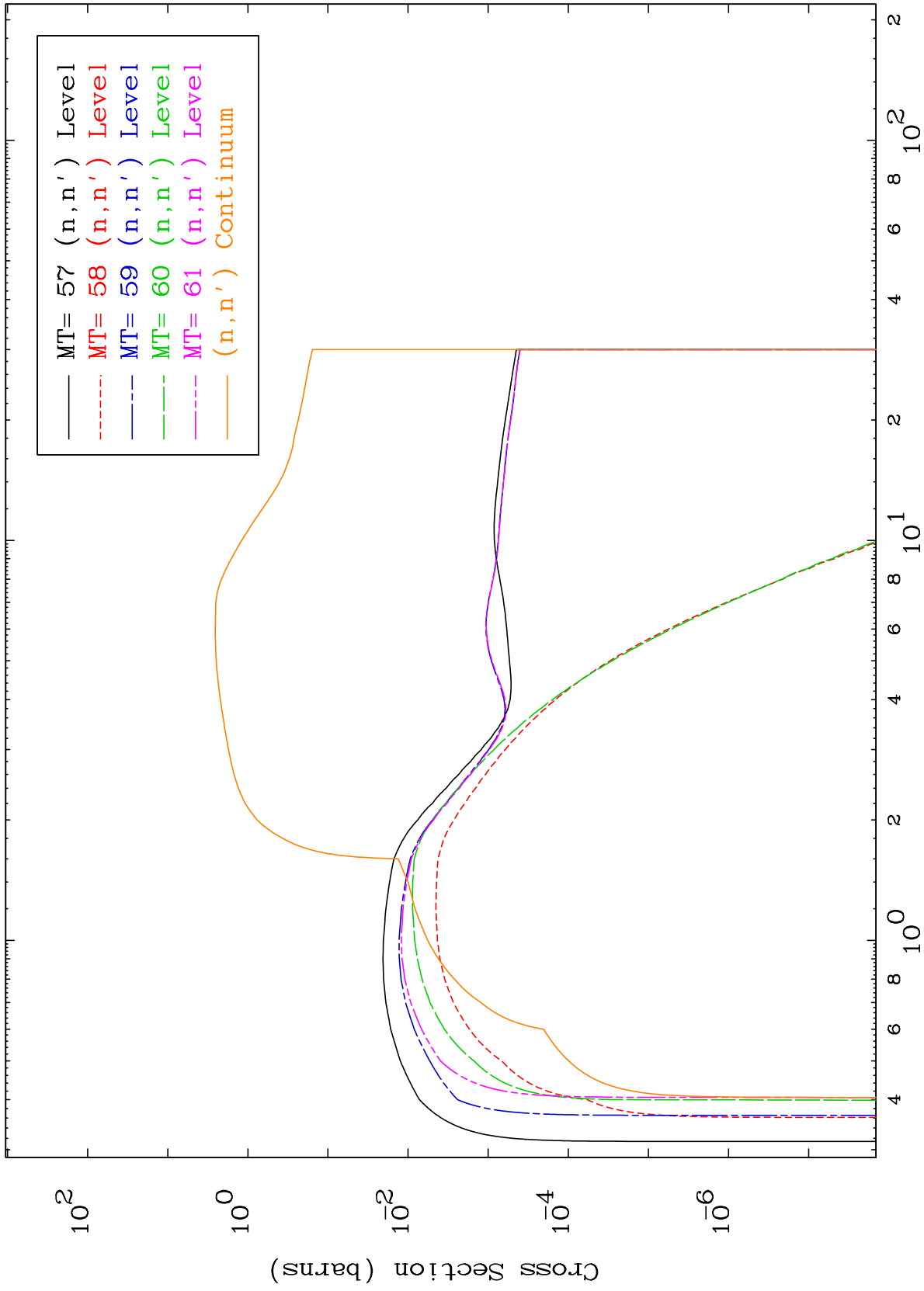
77-Ir-186

MAT 7710

(n,n') Level

77-Ir-186

293 Kelvin Cross Sections



8

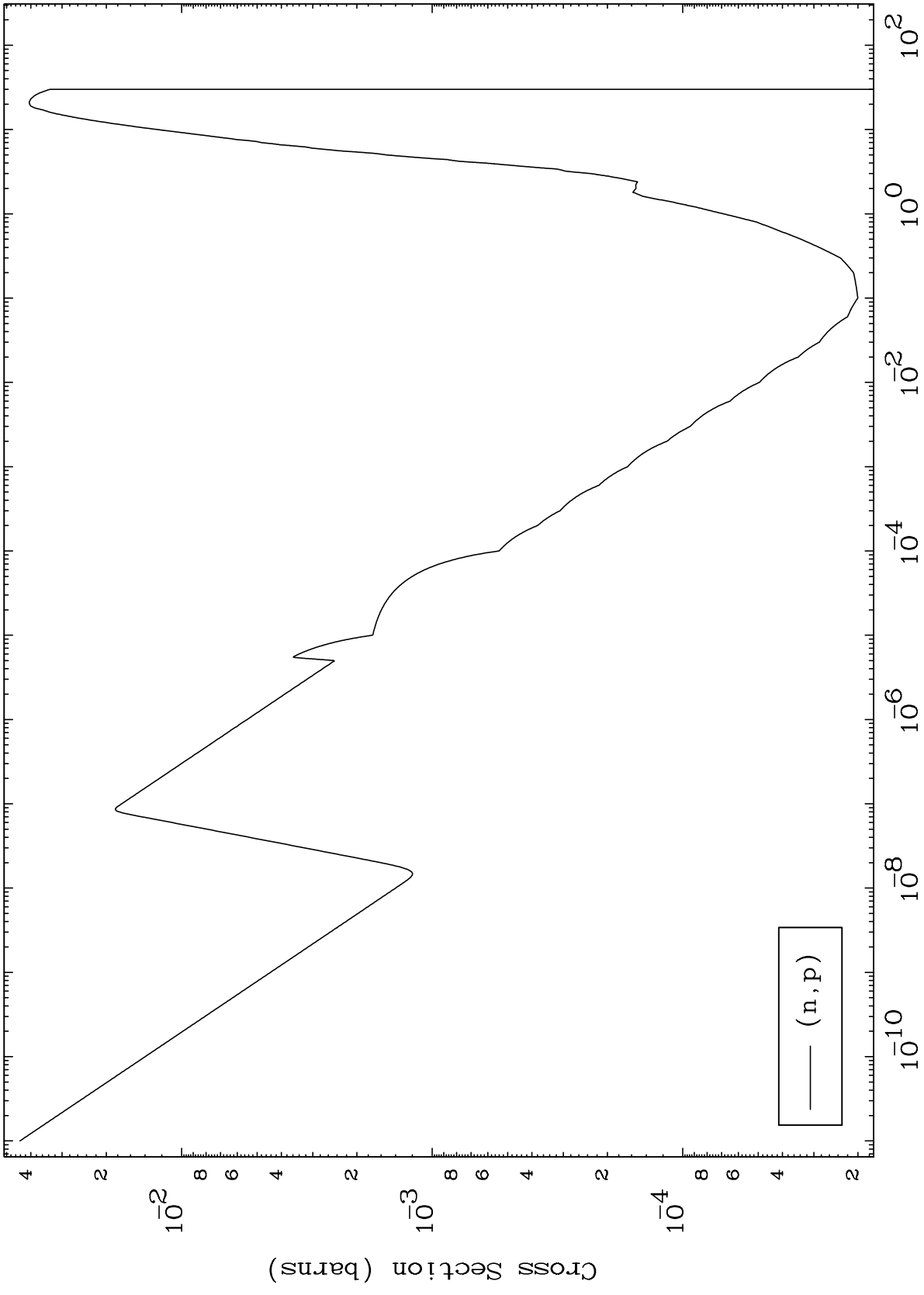
Incident Energy (MeV)

77-Ir-186

MAT 7710

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-186



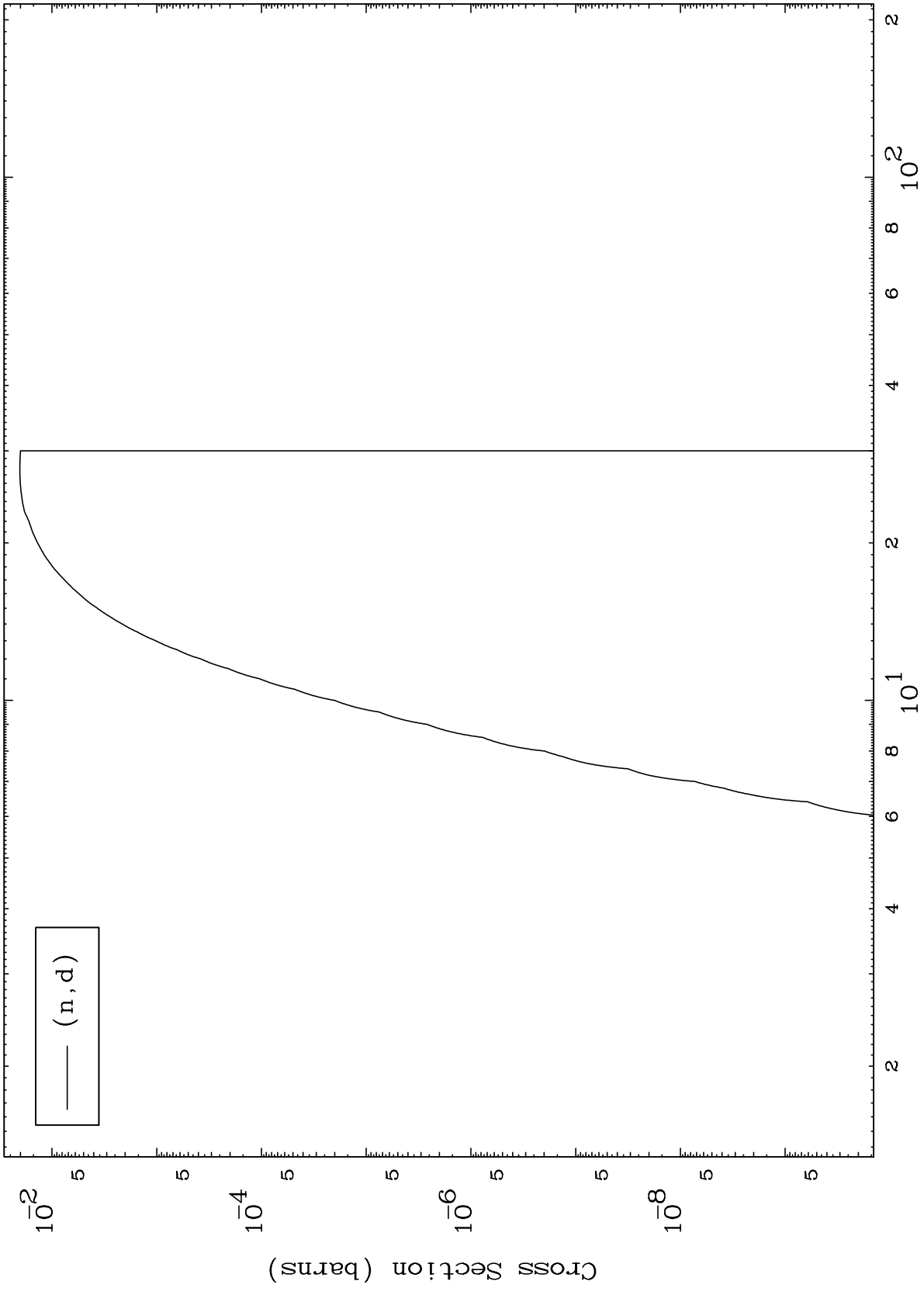
77-Ir-186

Incident Energy (MeV)

MAT 7710

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-186



10

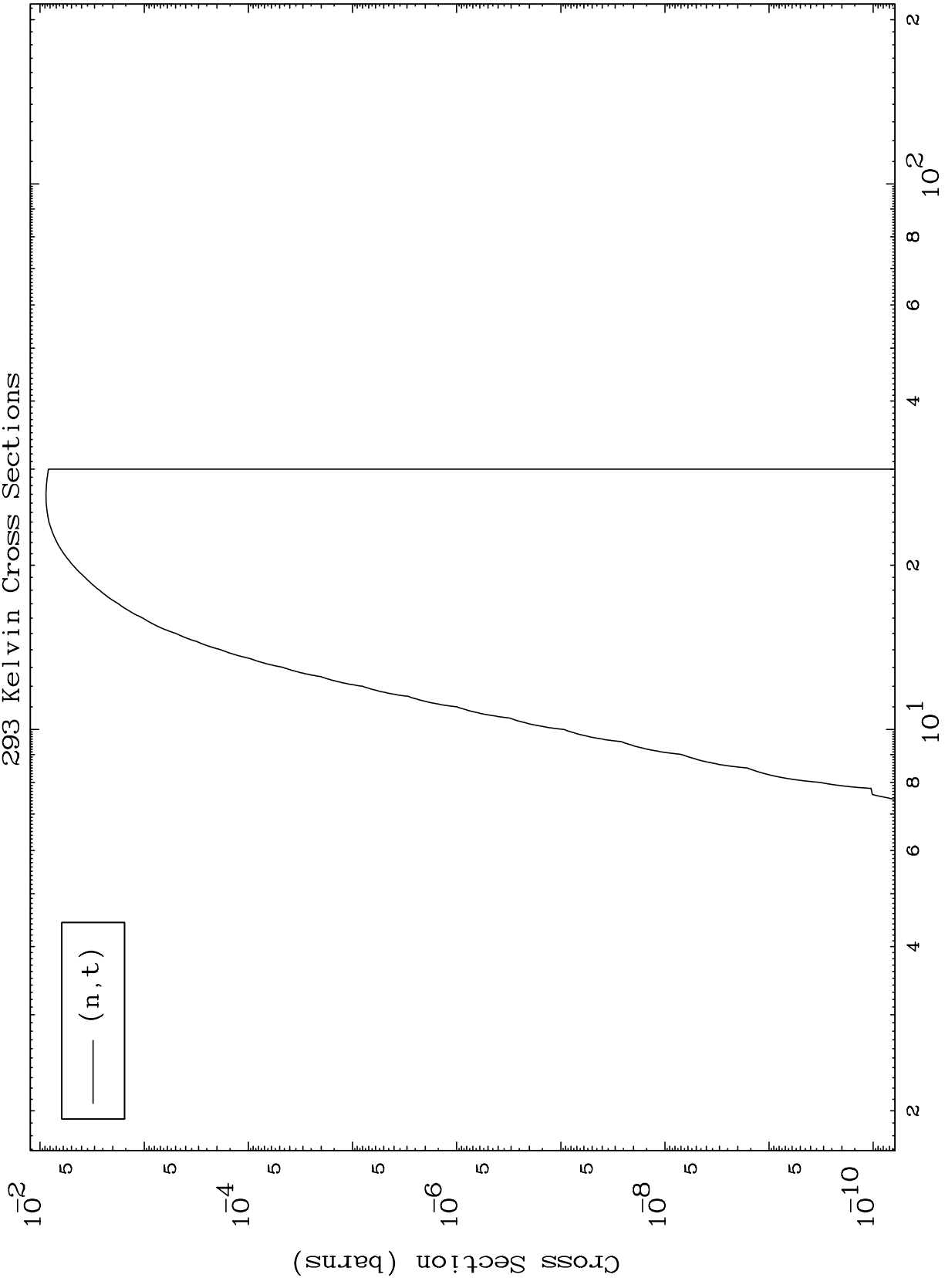
Incident Energy (MeV)

77-Ir-186

MAT 7710

(n,t) Levels
293 Kelvin Cross Sections

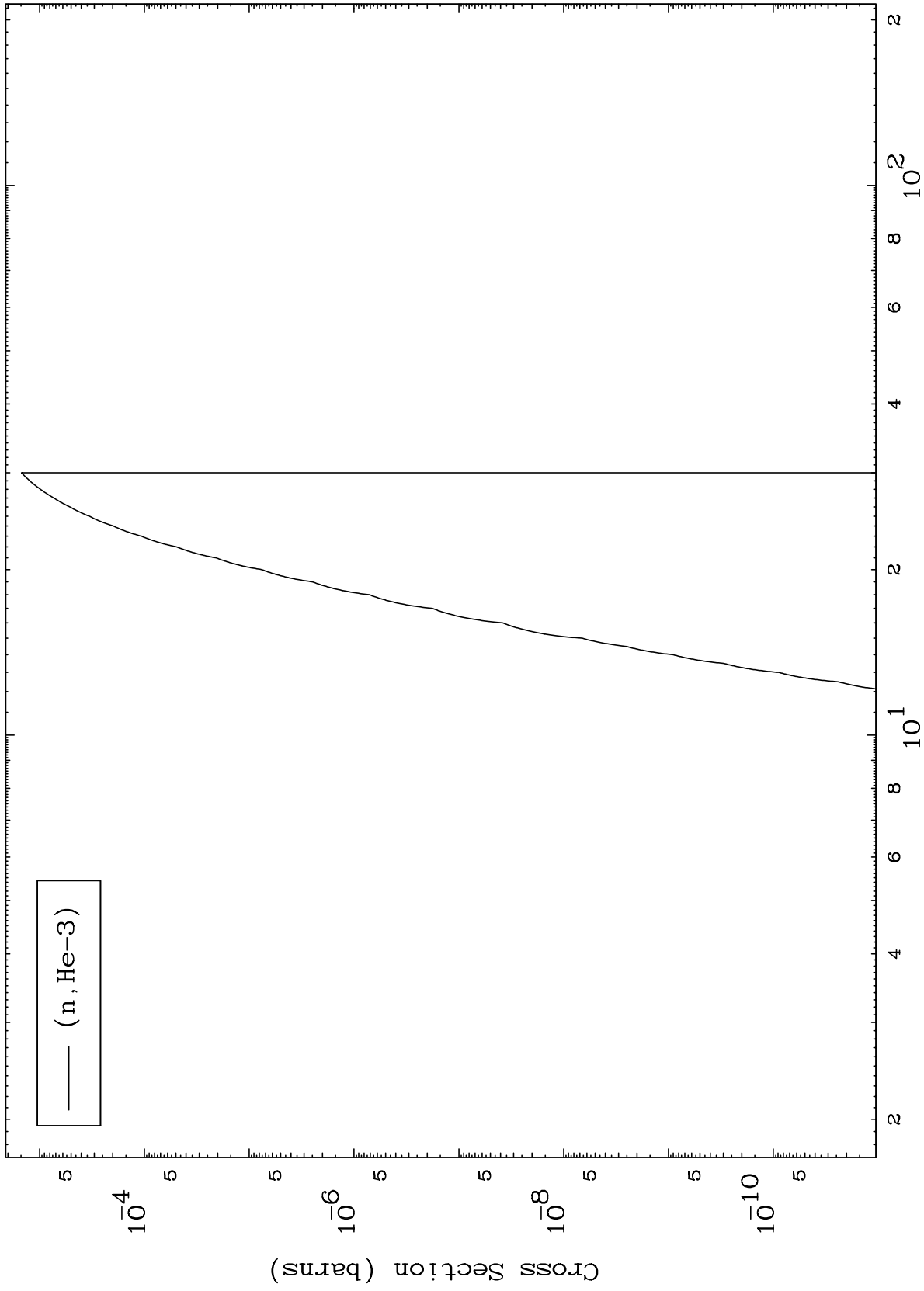
77-Ir-186



MAT 7710

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-186



12

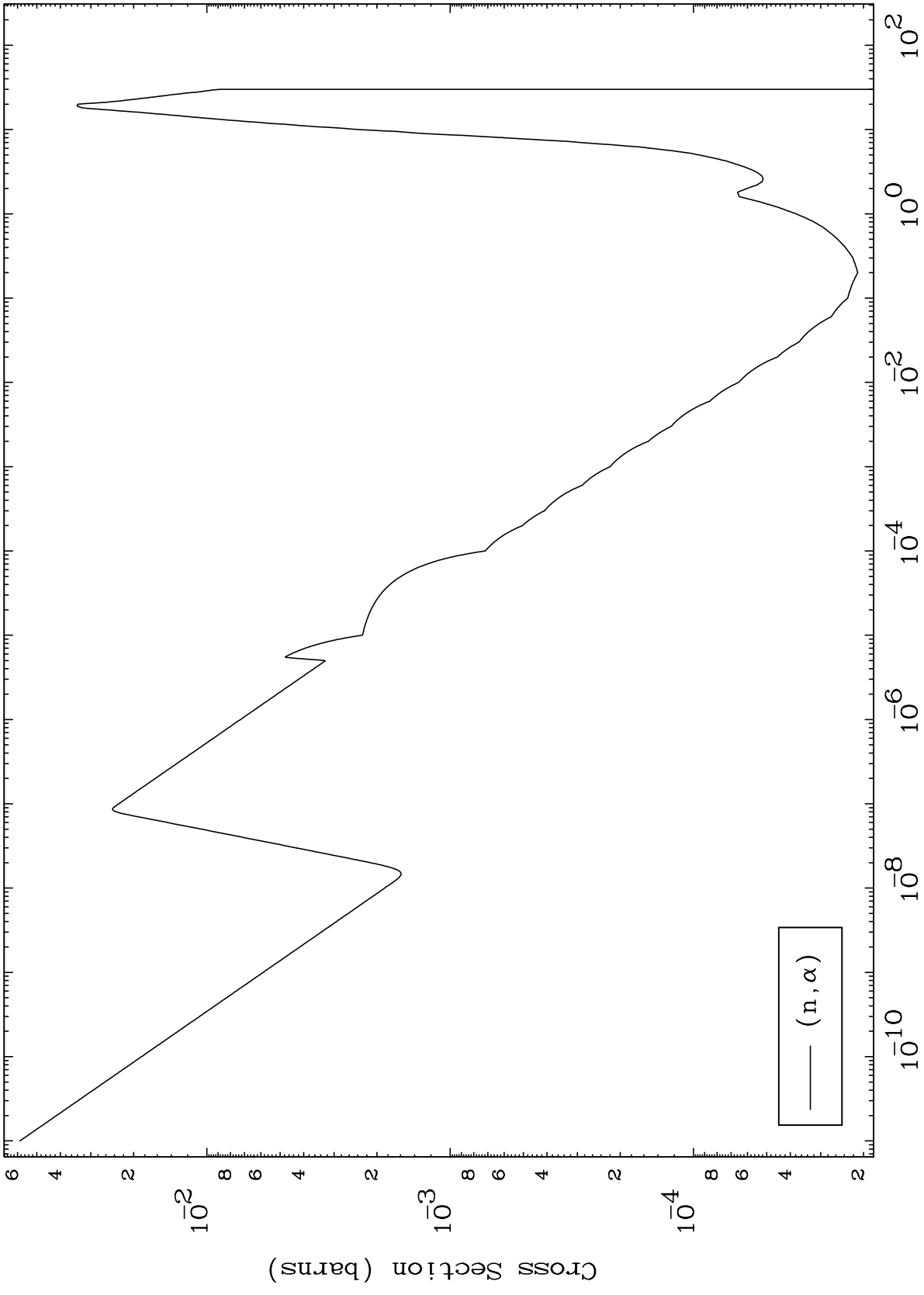
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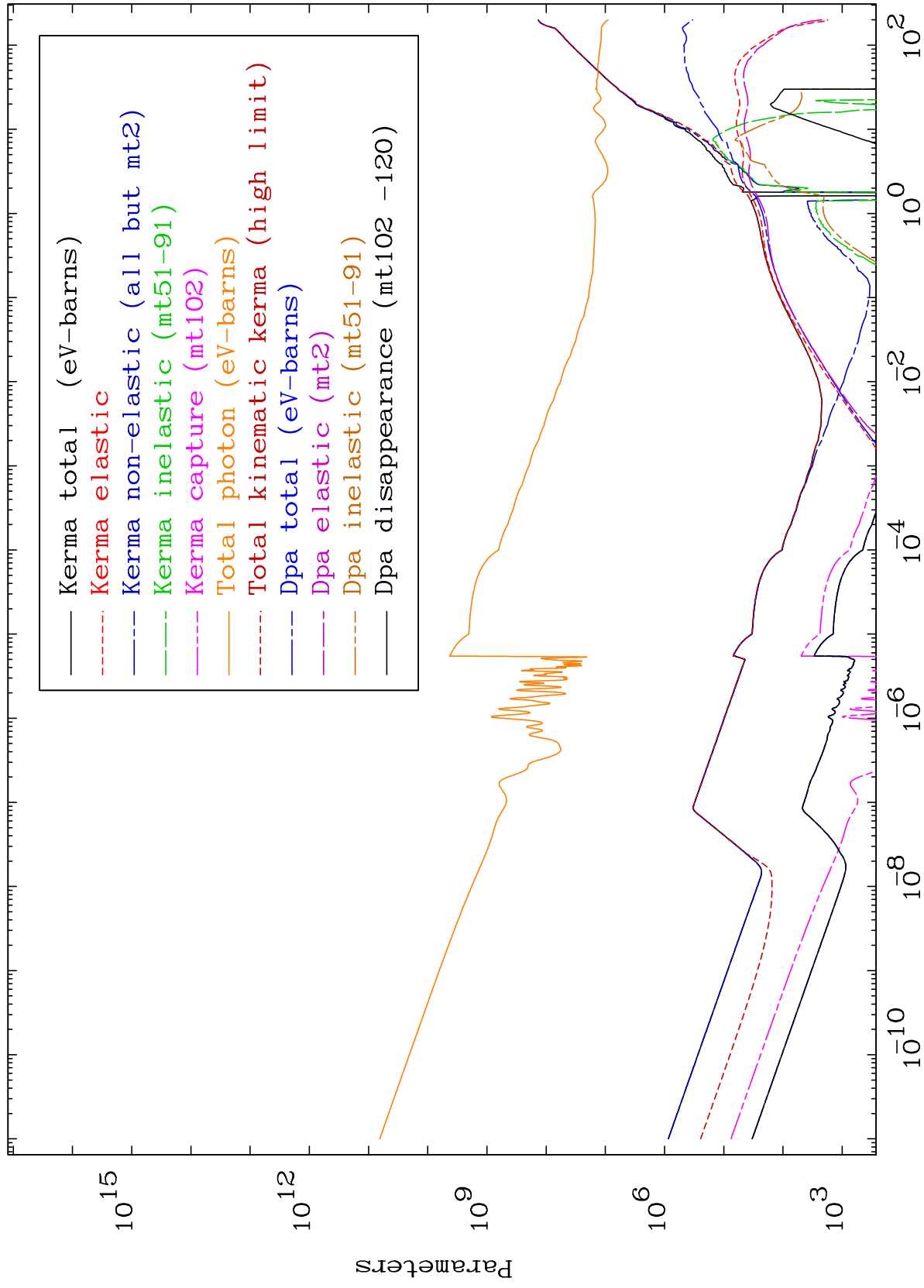
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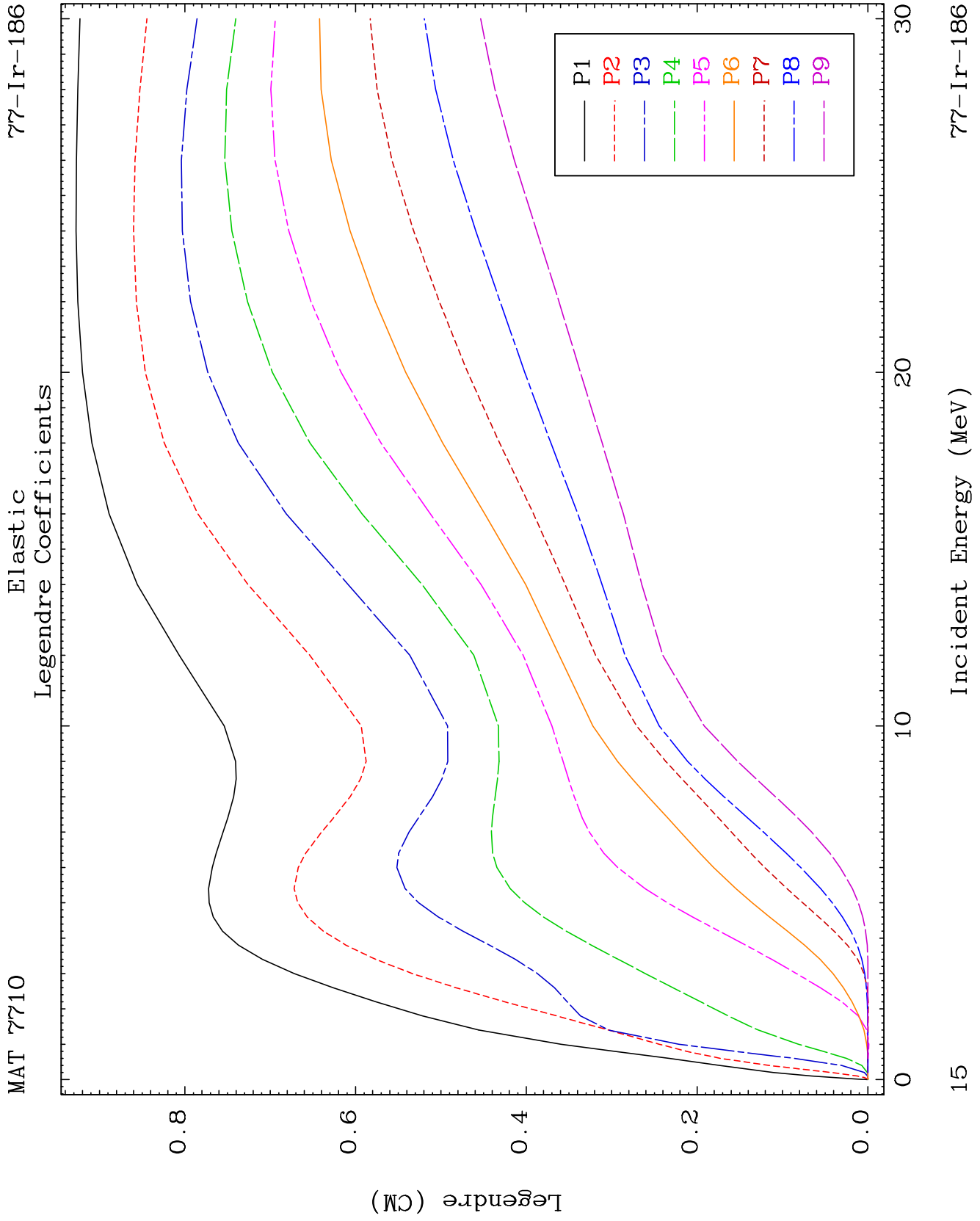
MAT 7710

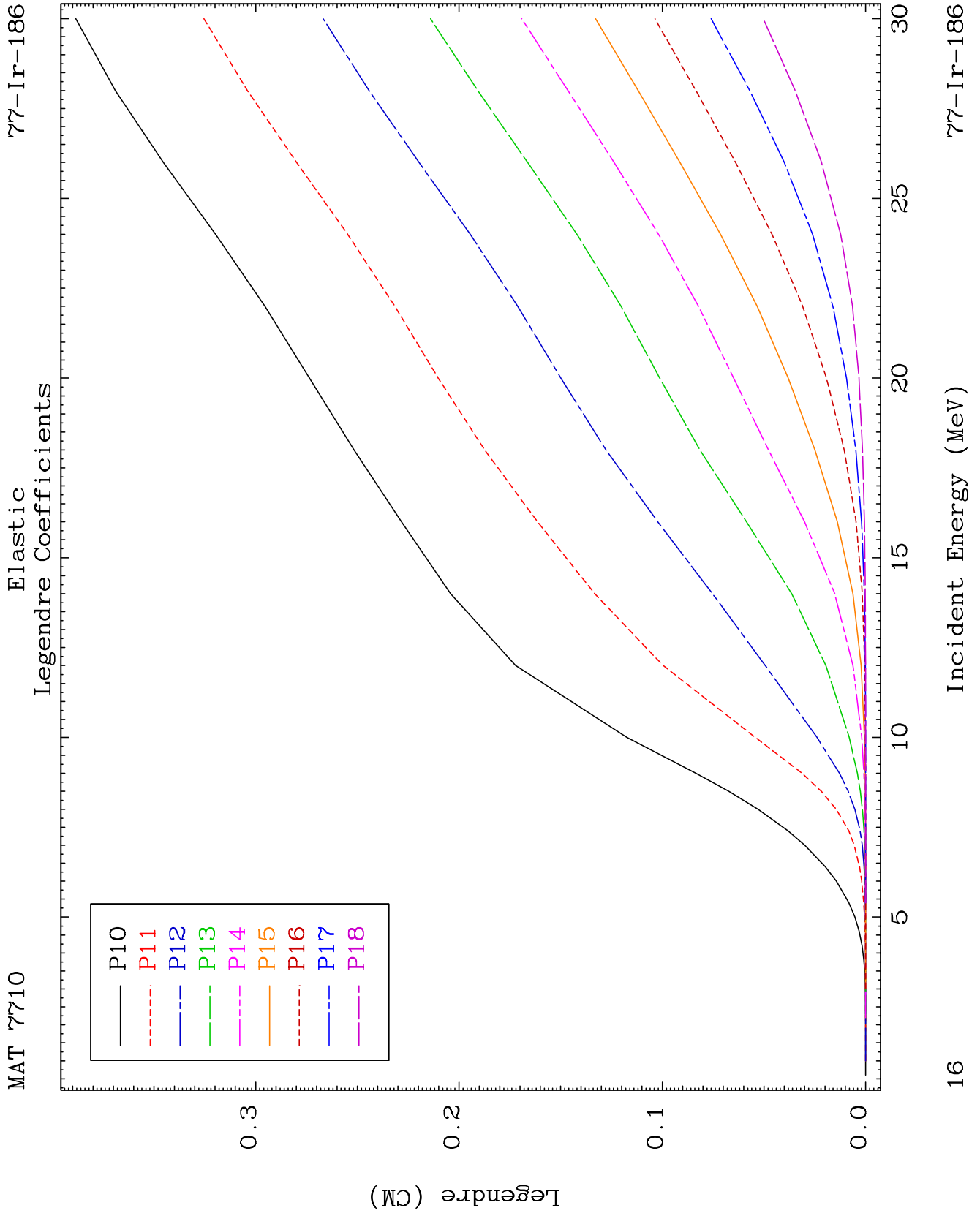
(n,α) Levels
293 Kelvin Cross Sections

77-Ir-186





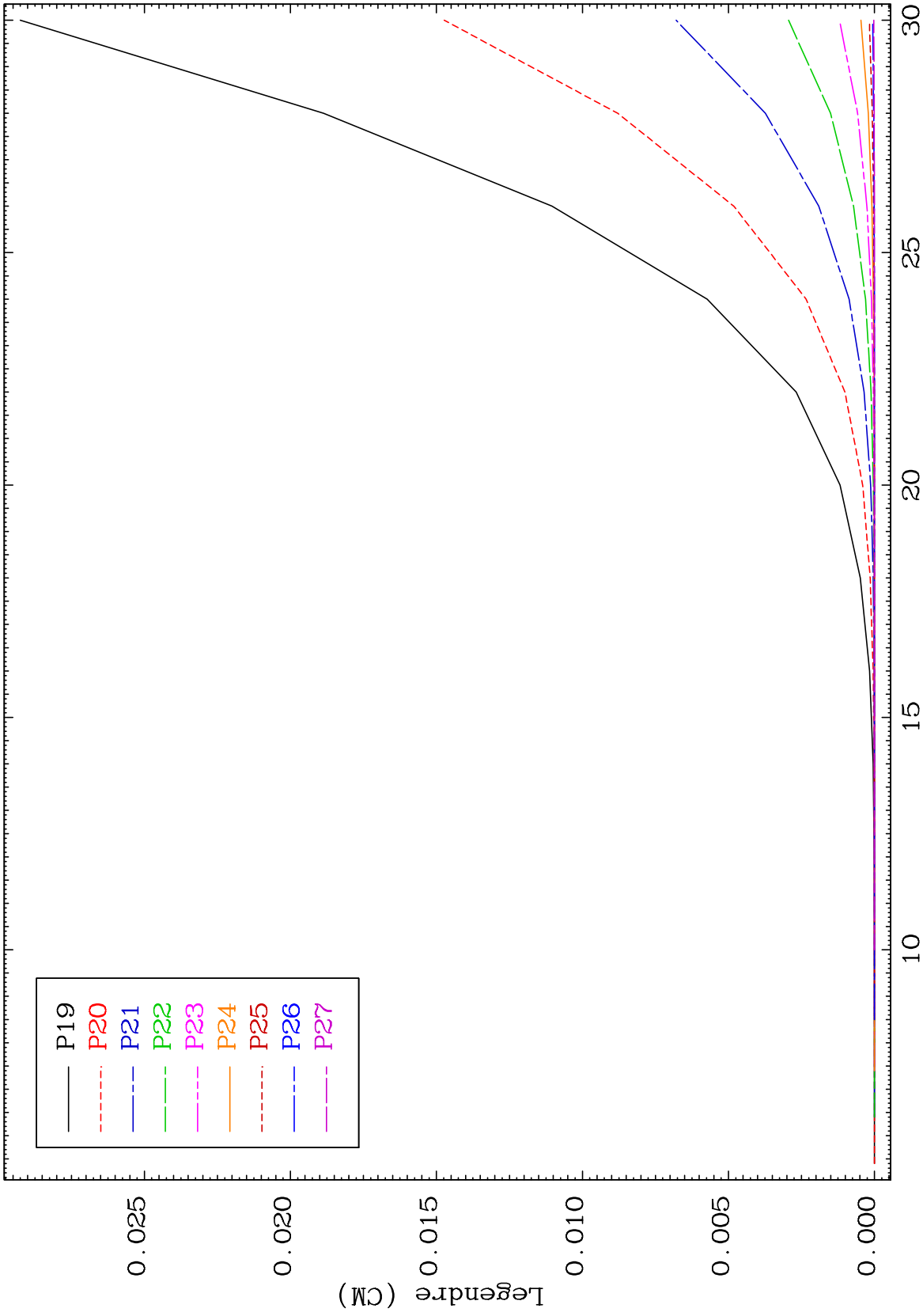




MAT 7710

Elastic Legendre Coefficients

77-Ir-186



17

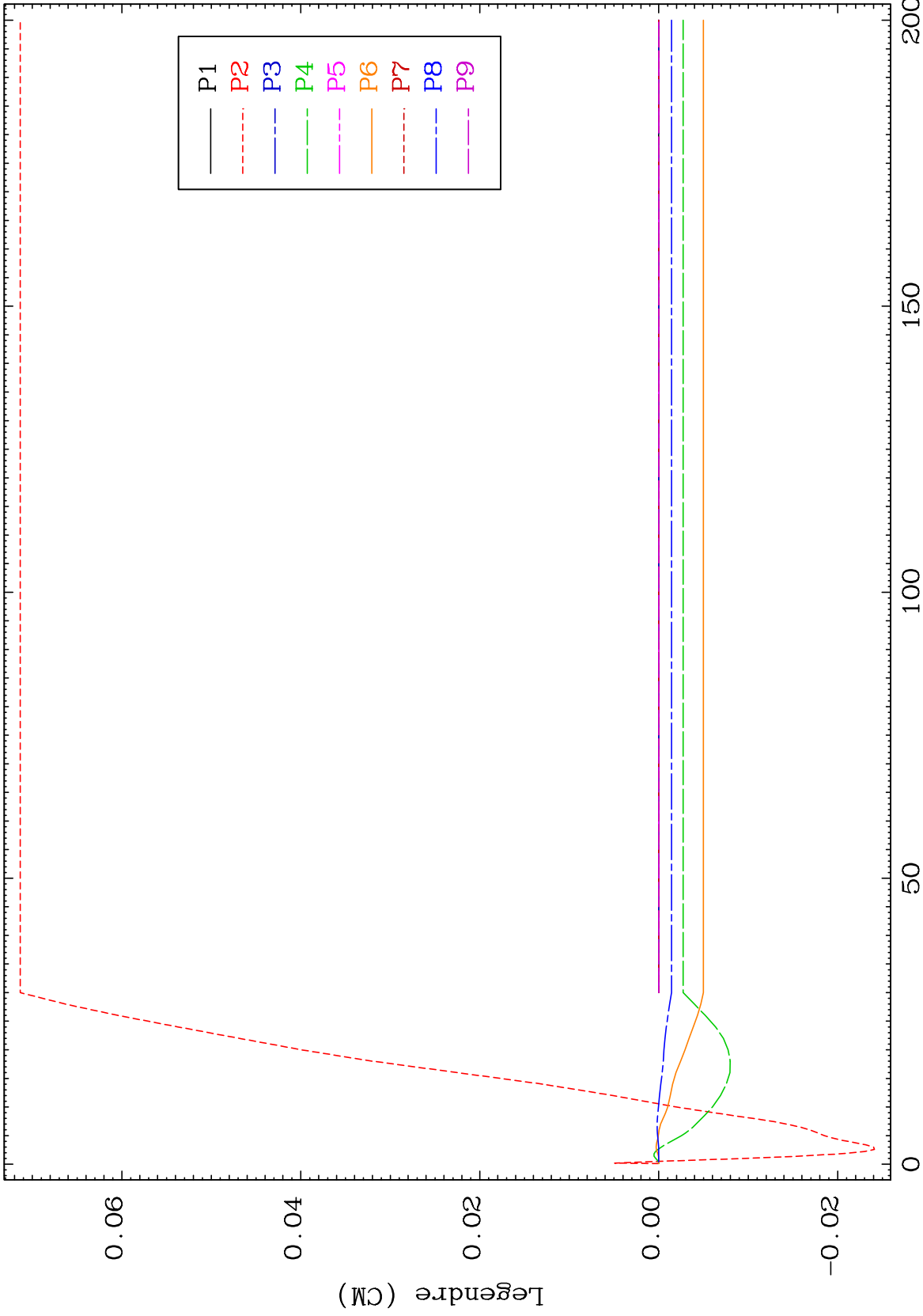
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



19

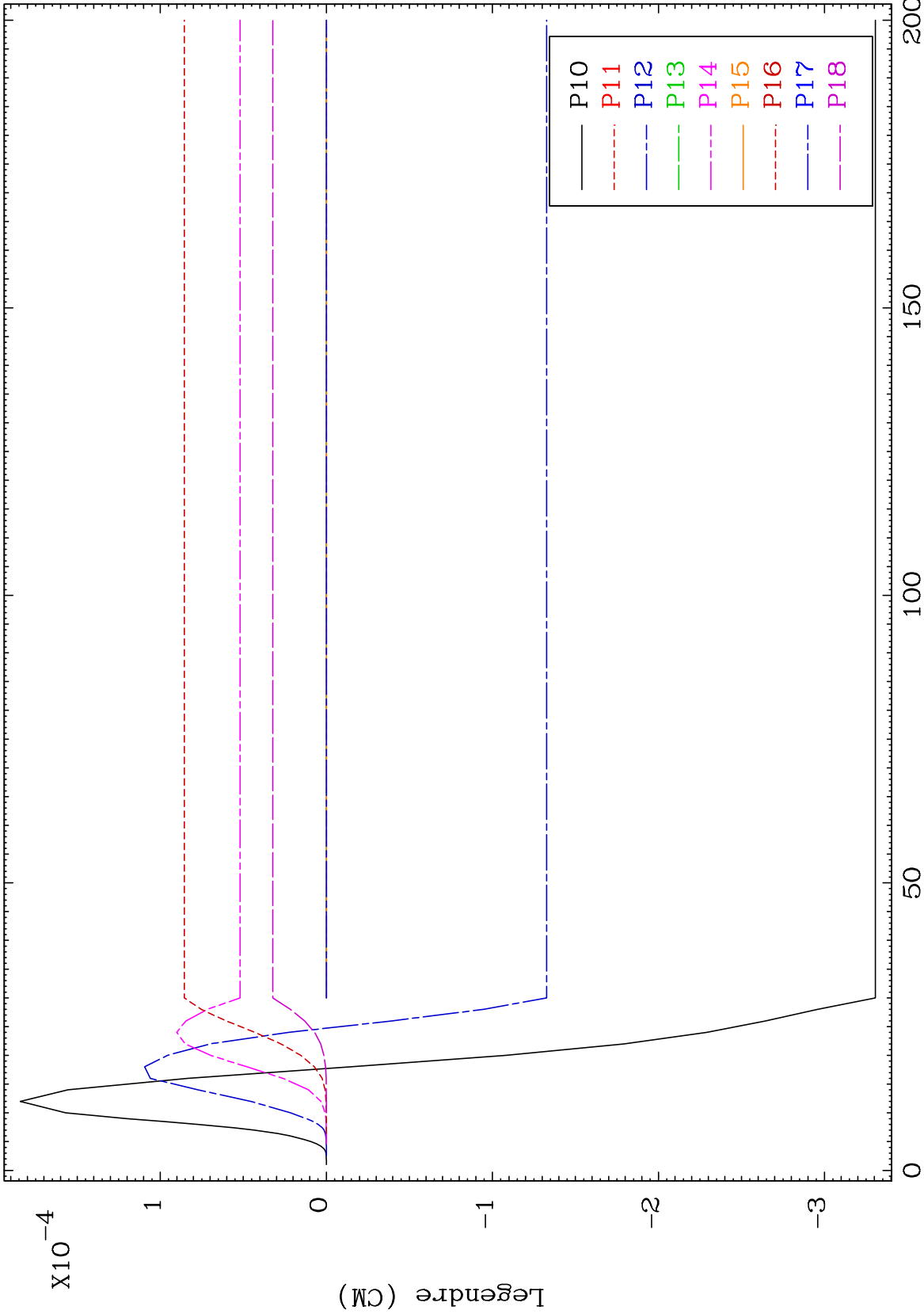
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



20

Incident Energy (MeV)

50

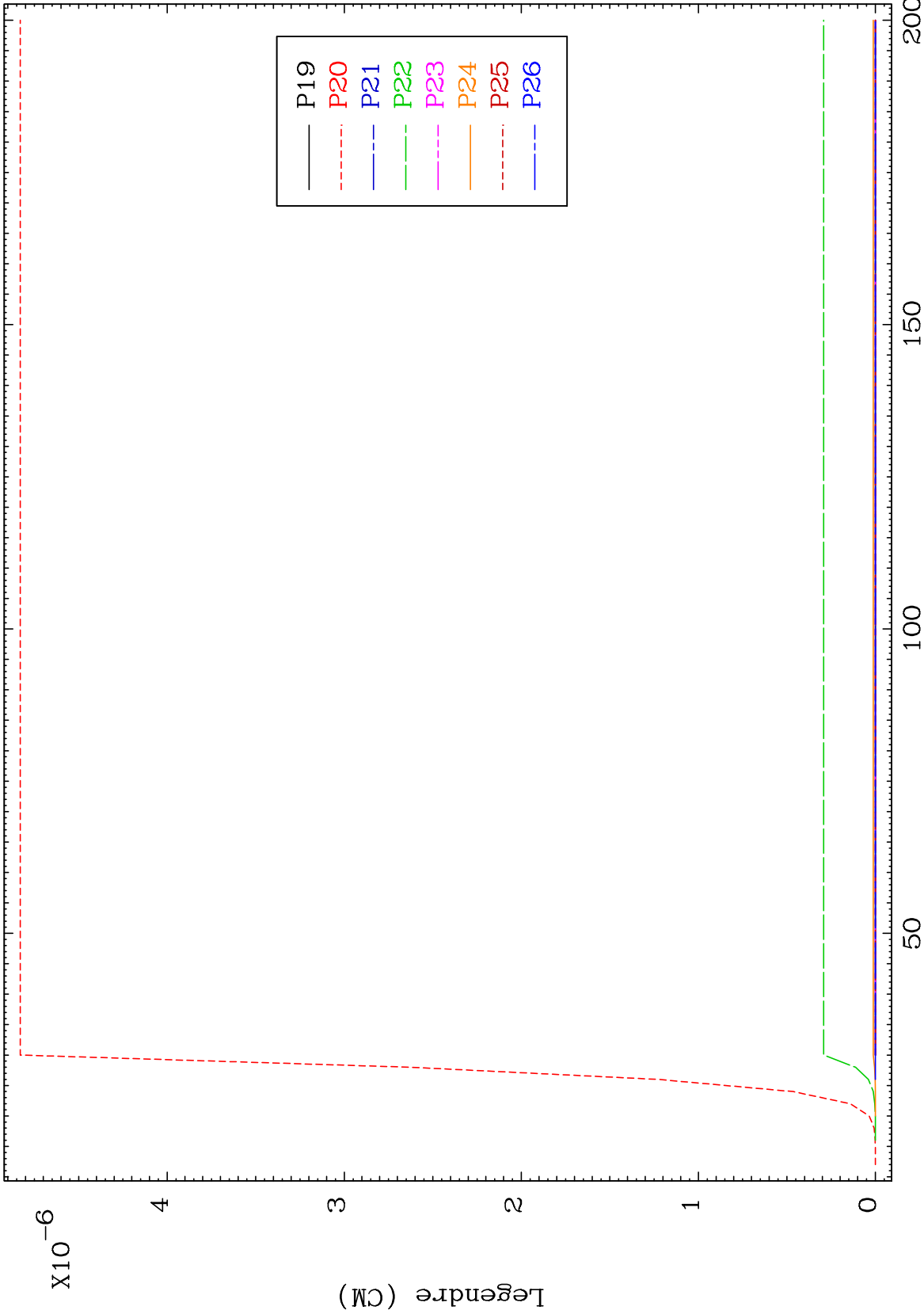
77-Ir-186

200

MAT 7710

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

77-Ir-186



21

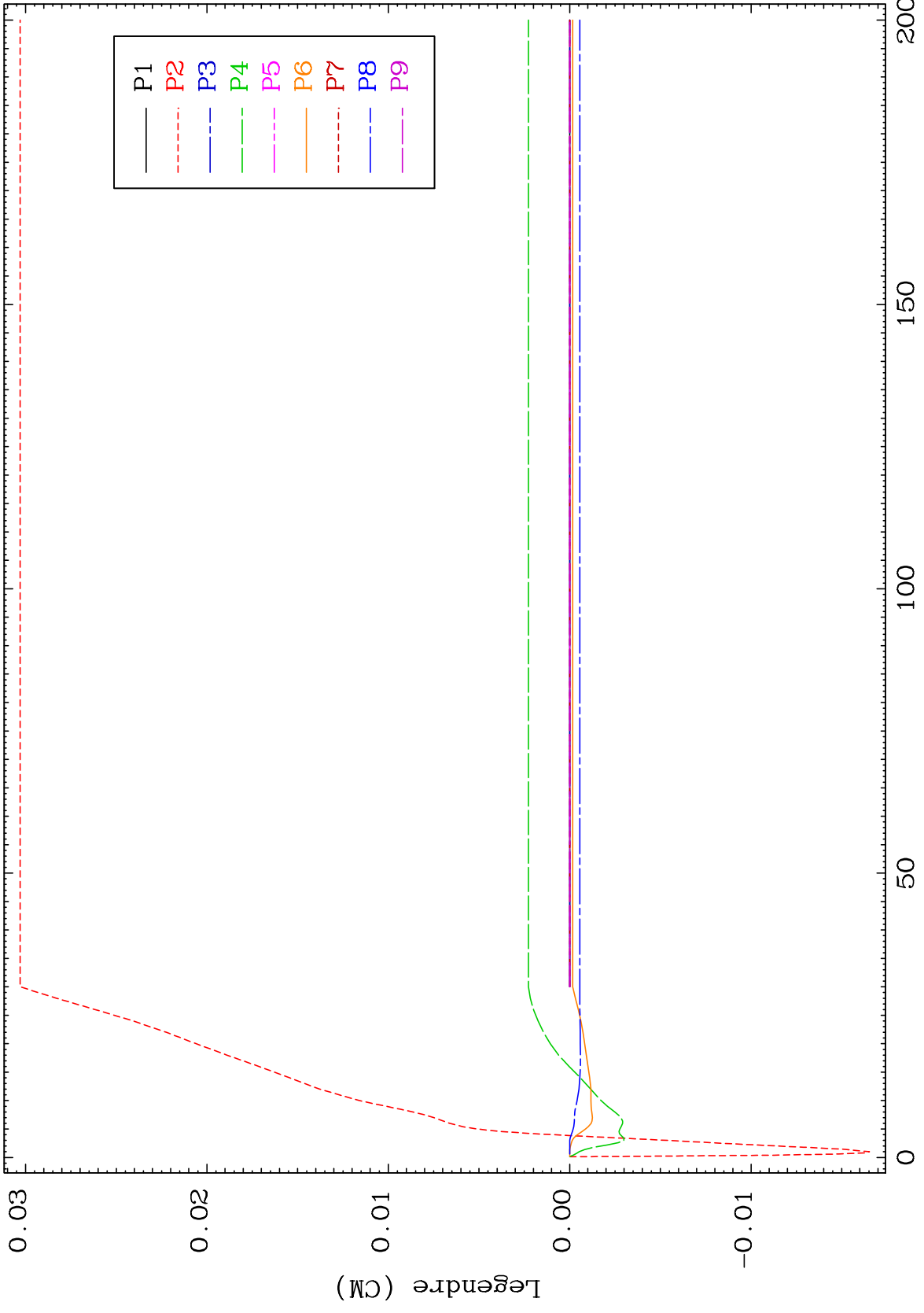
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



22

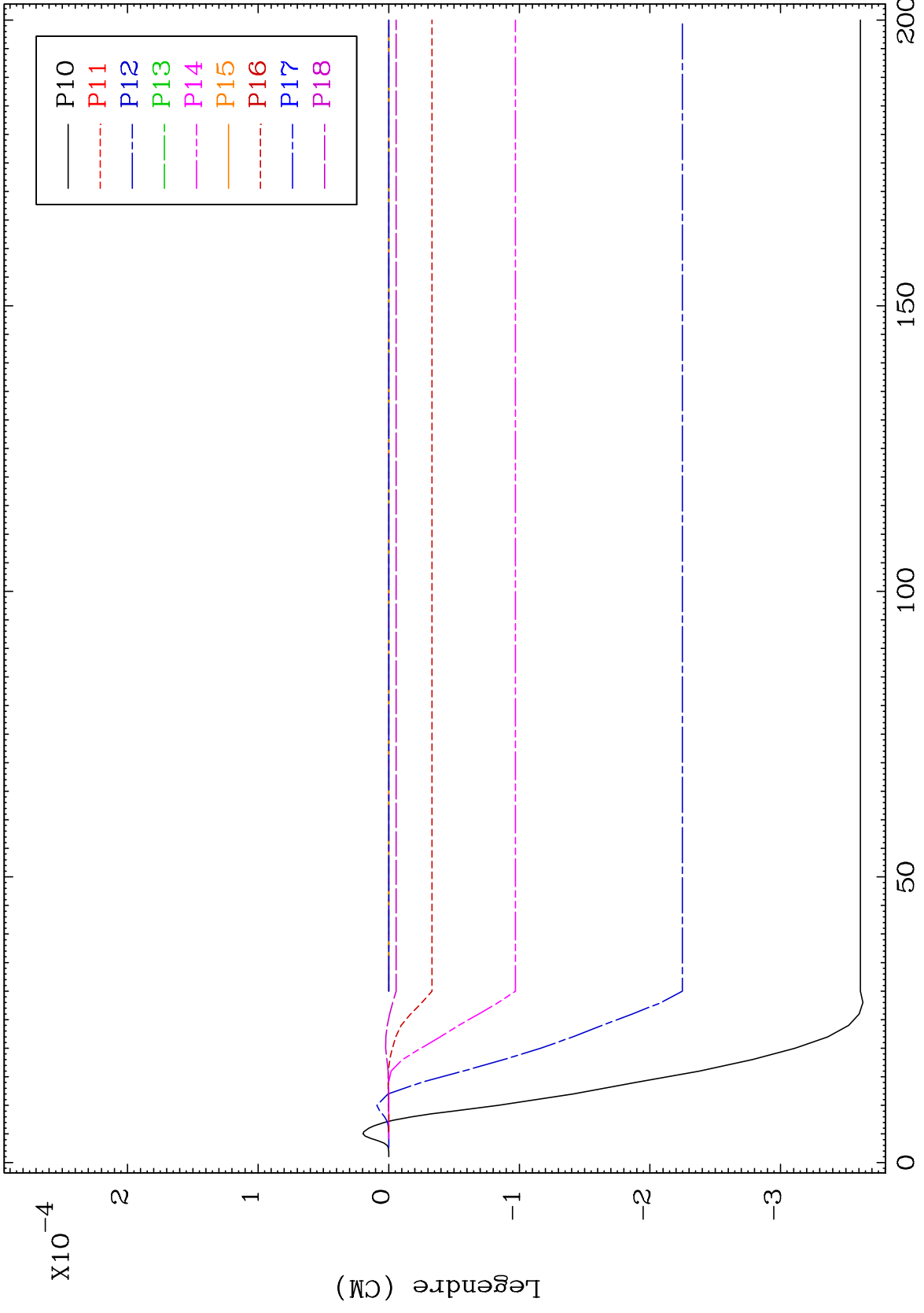
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186

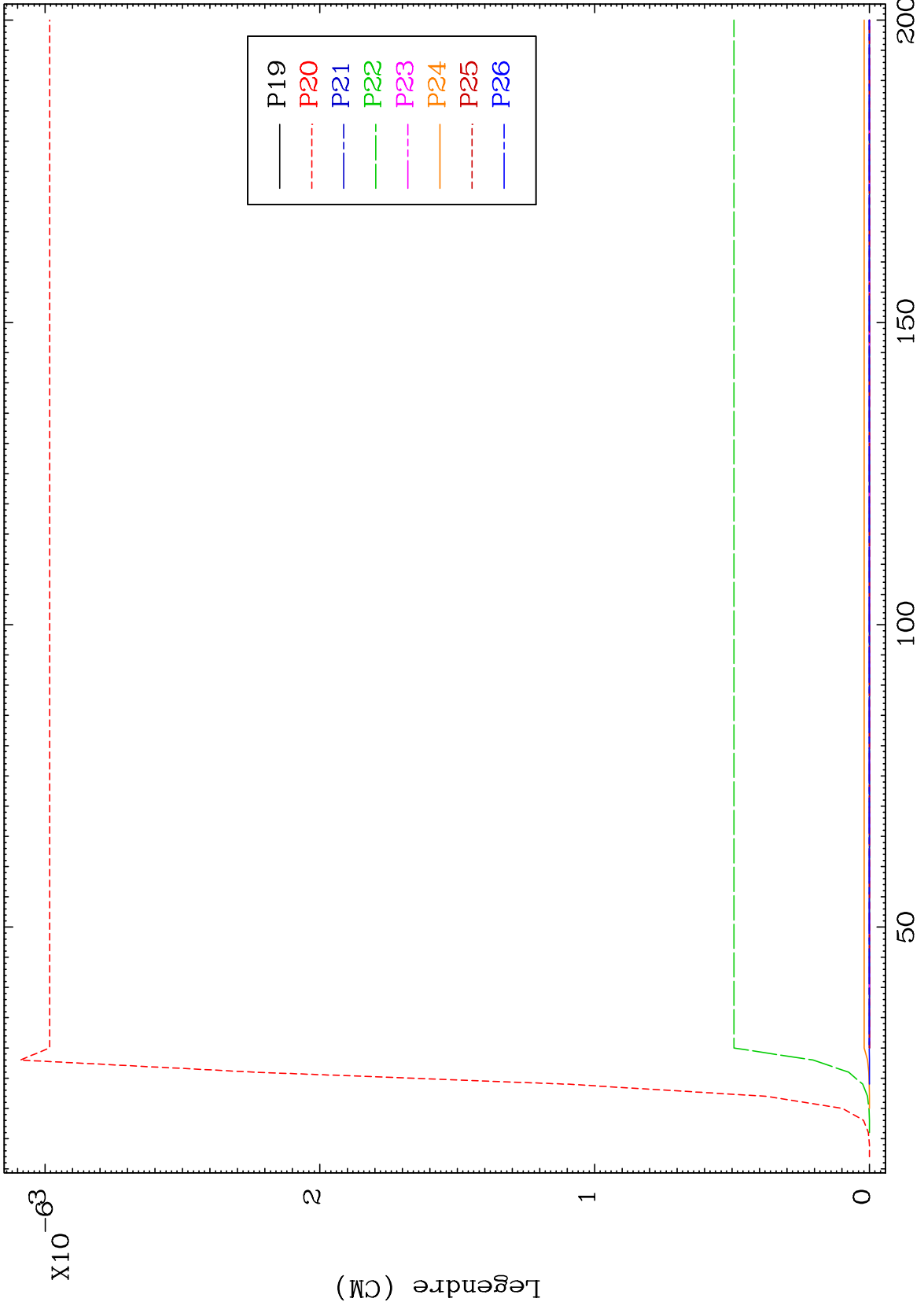


23

Incident Energy (MeV)

77-Ir-186

MAT 7710 MT= 52 (n,n') Level Legendre Coefficients 77-Ir-186

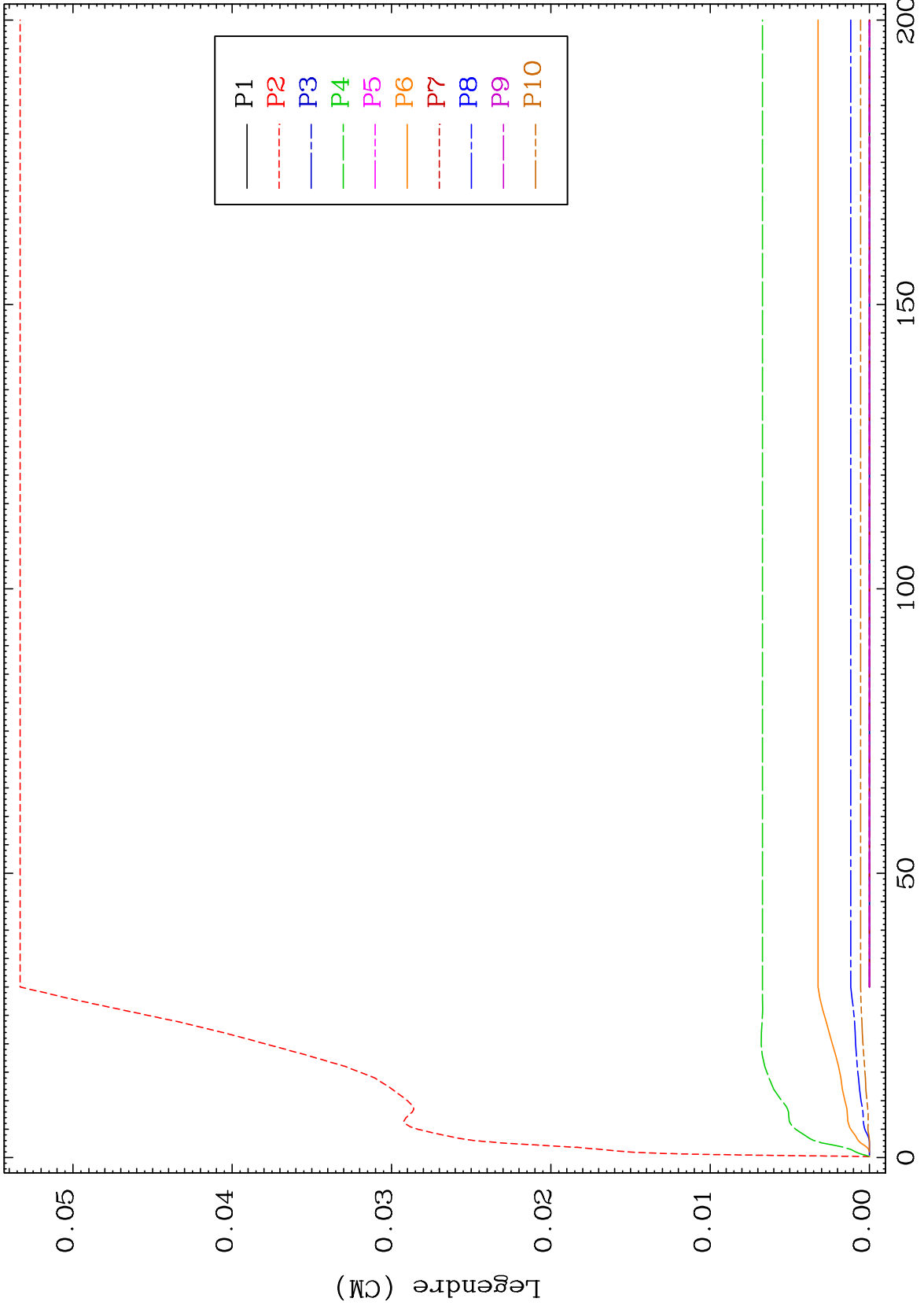


24 Incident Energy (MeV) 77-Ir-186

MAT 7710

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

77-Ir-186



25

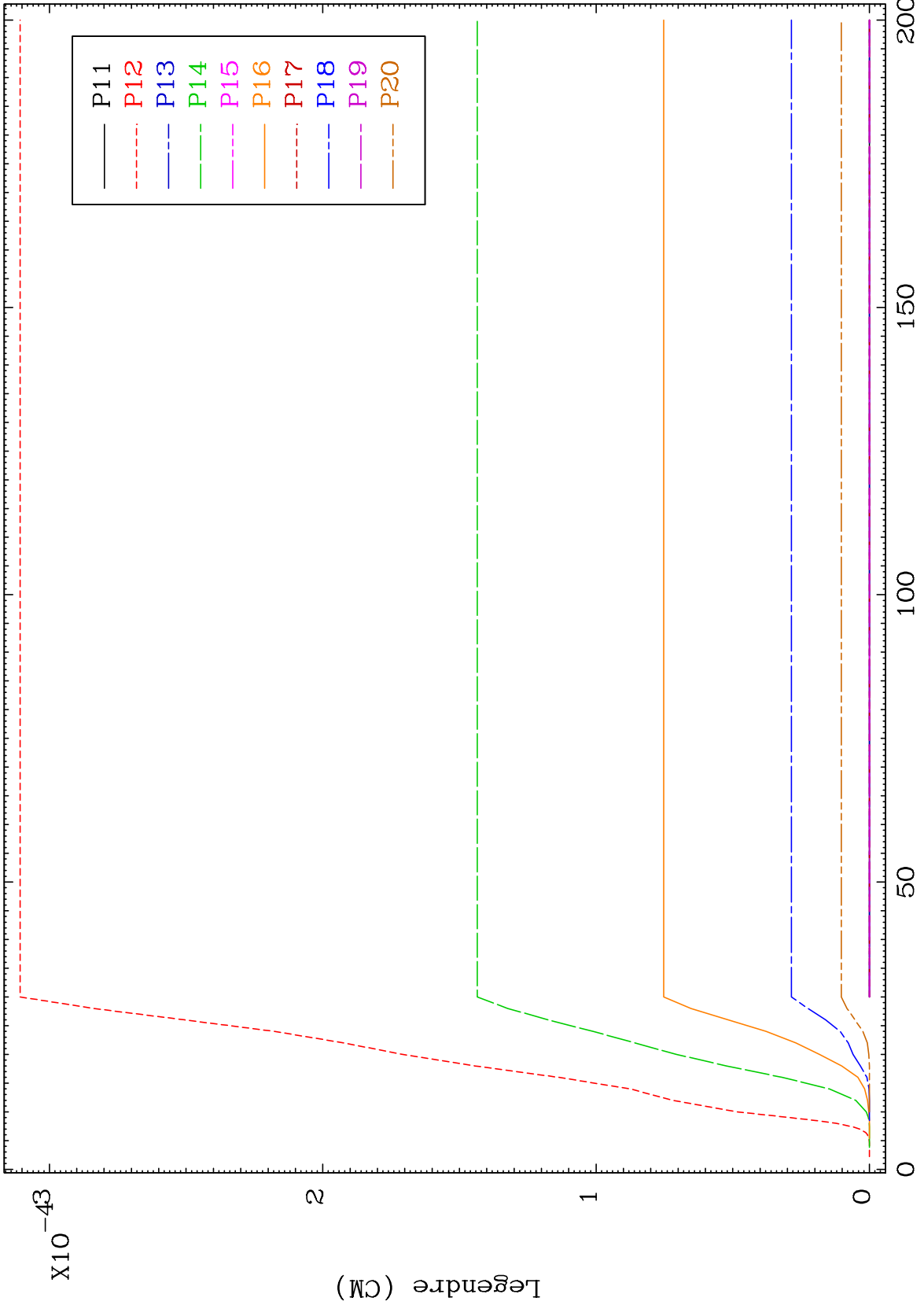
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



26

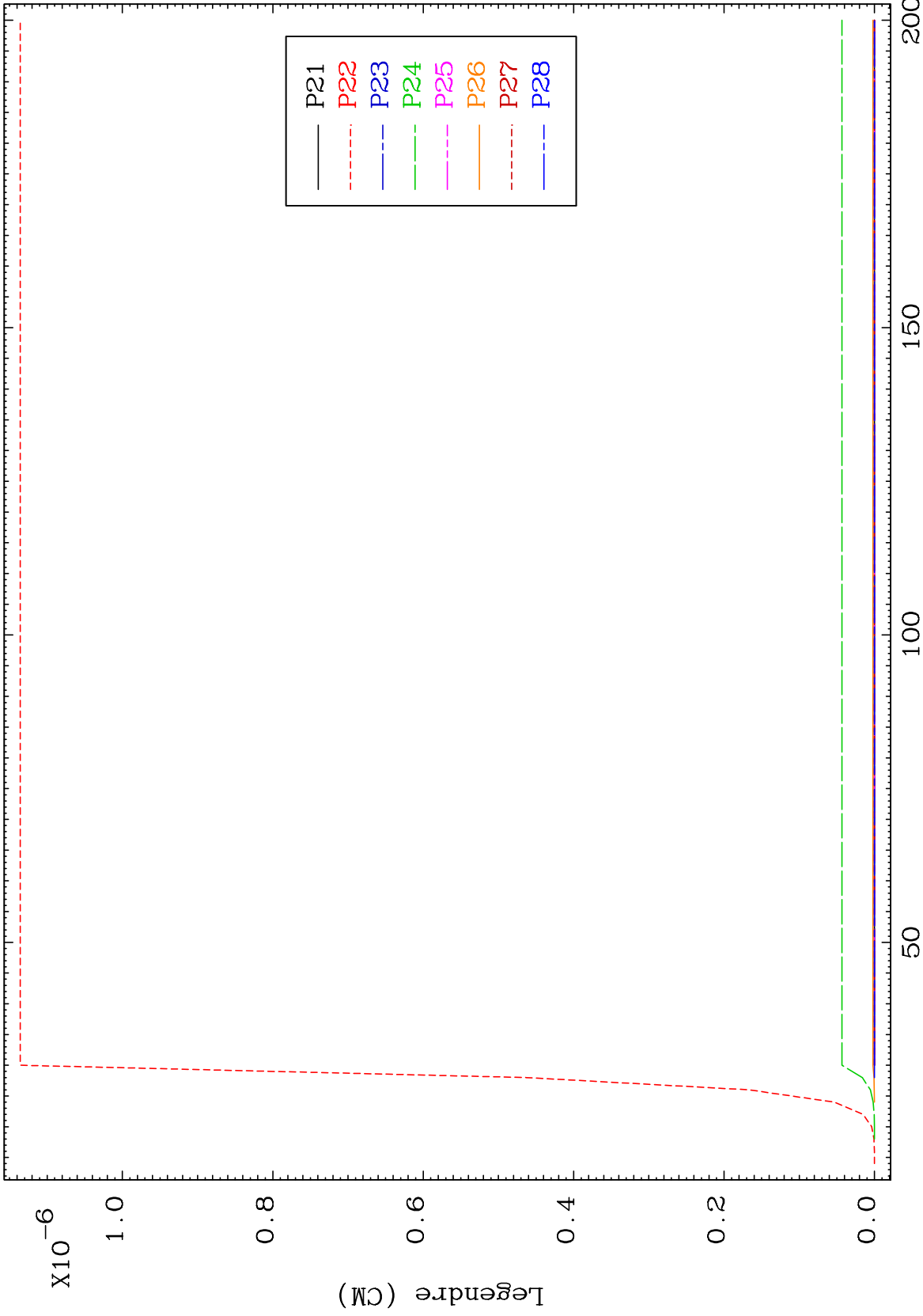
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



27

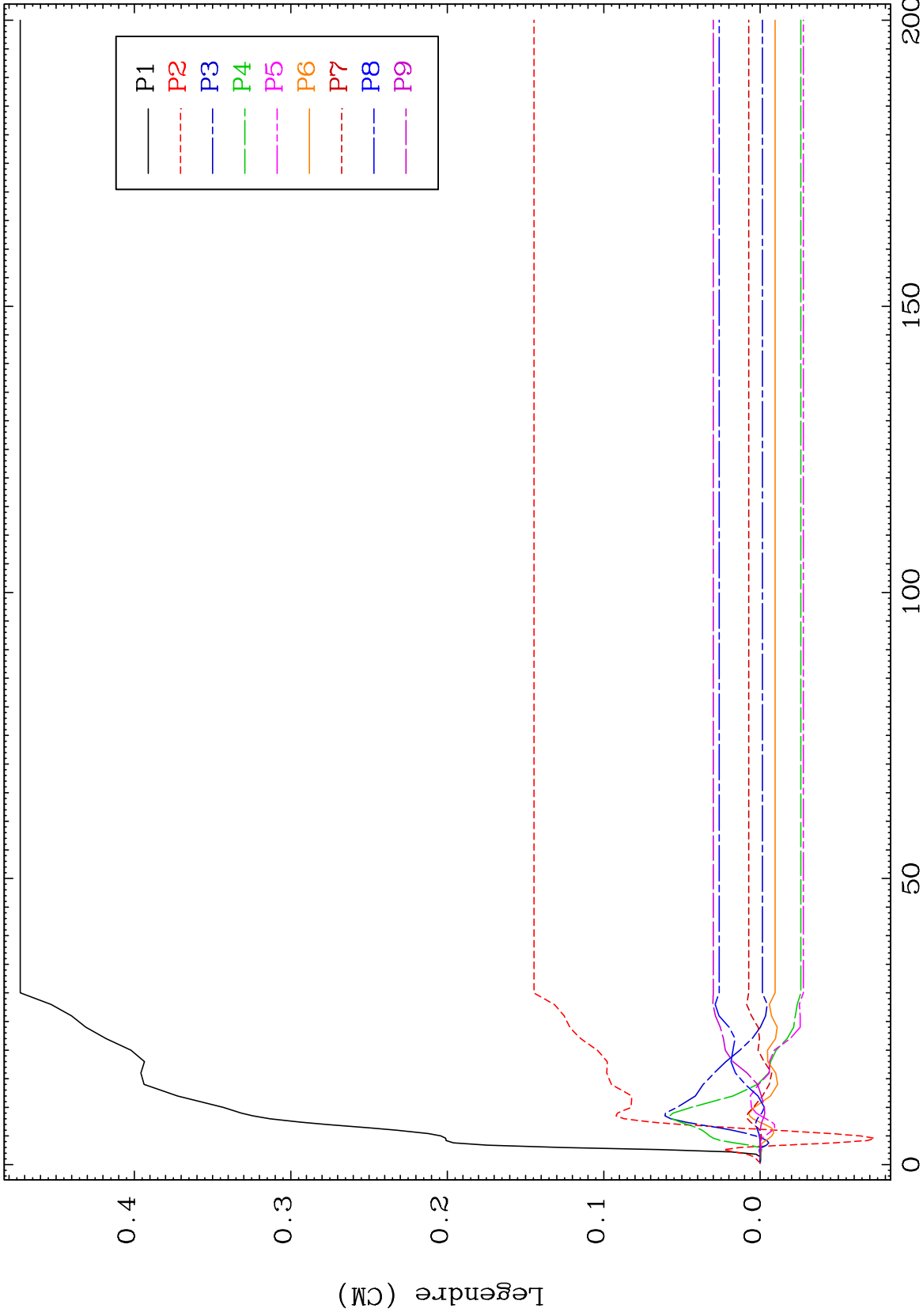
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



28

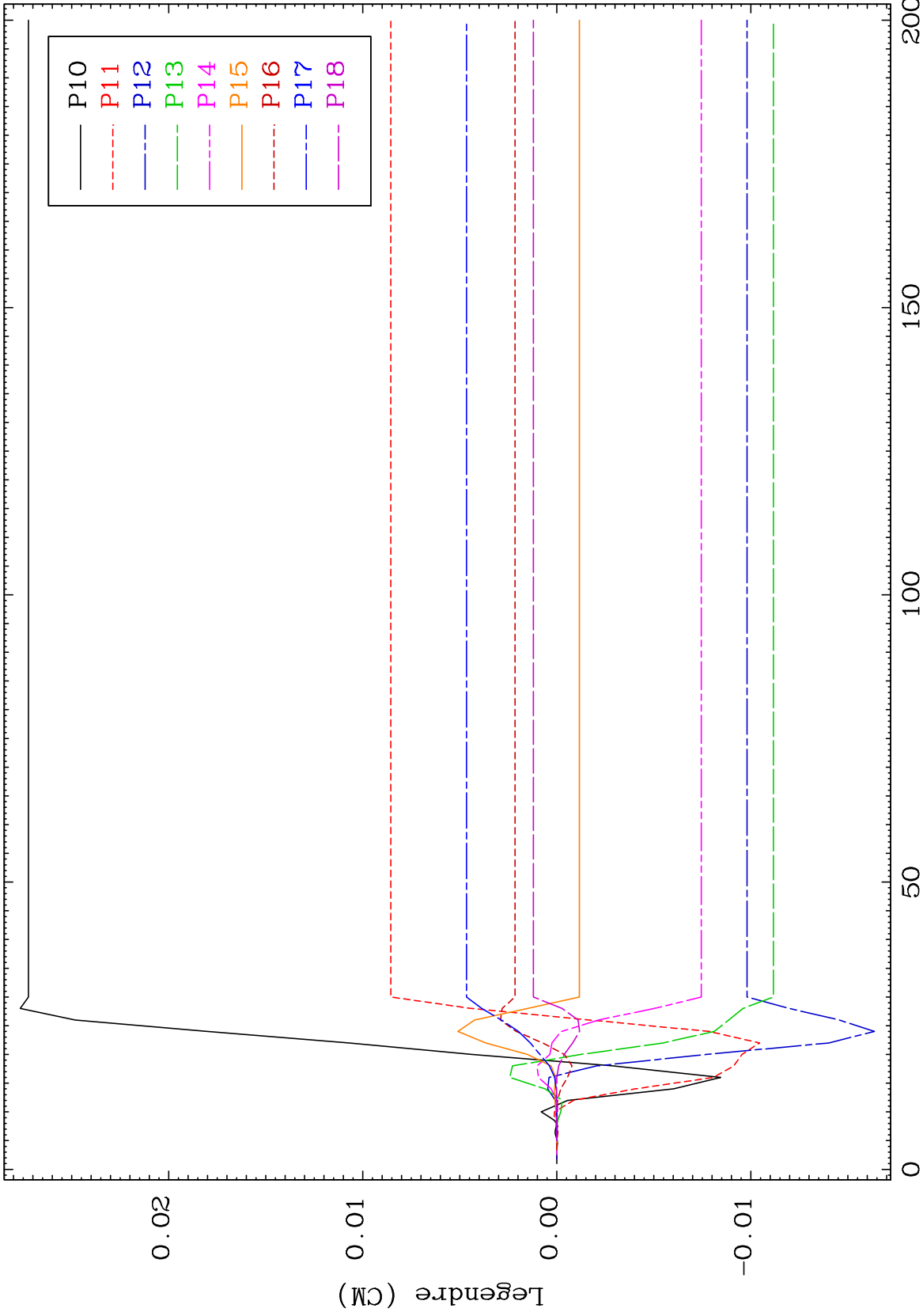
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



29

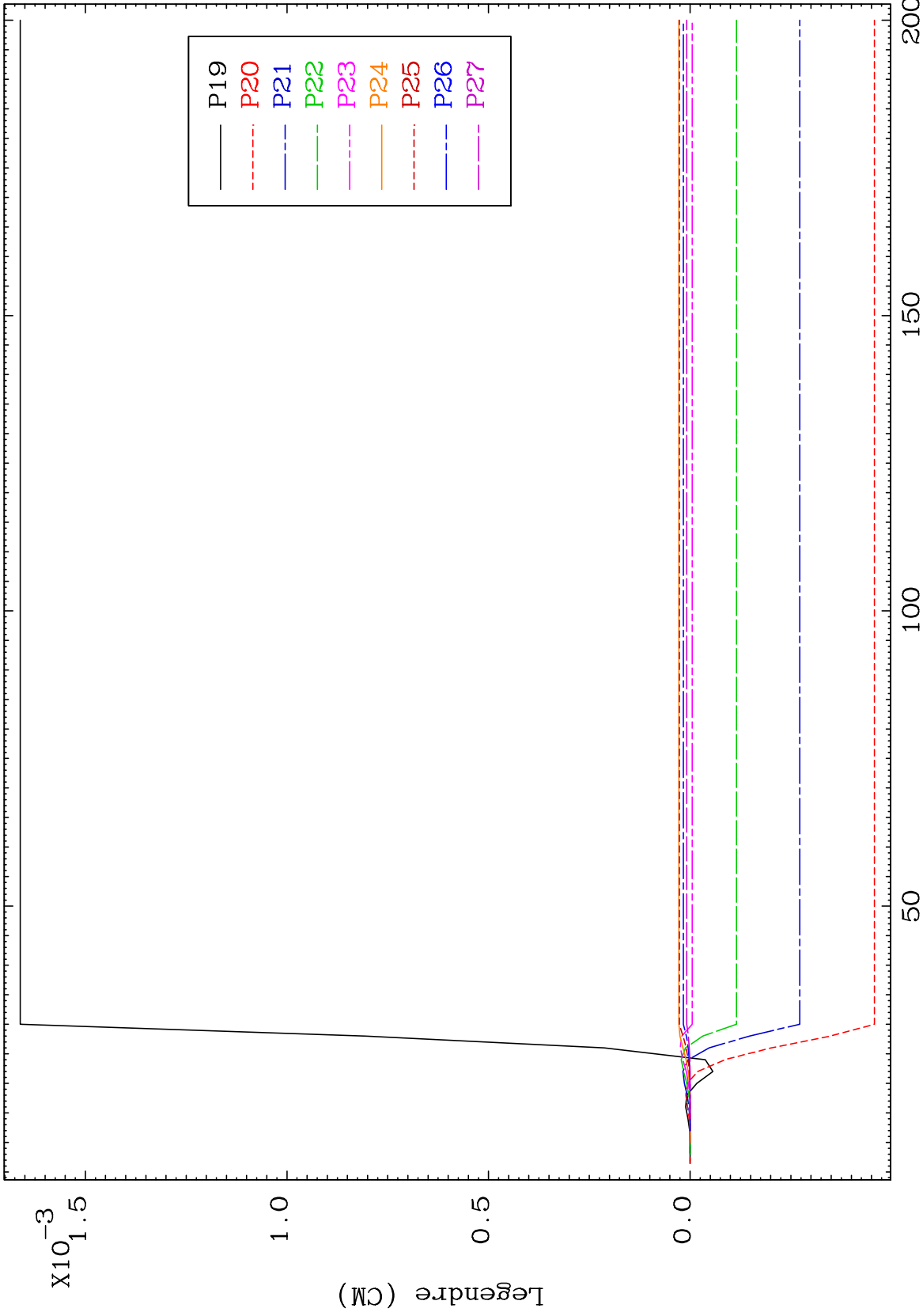
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



30

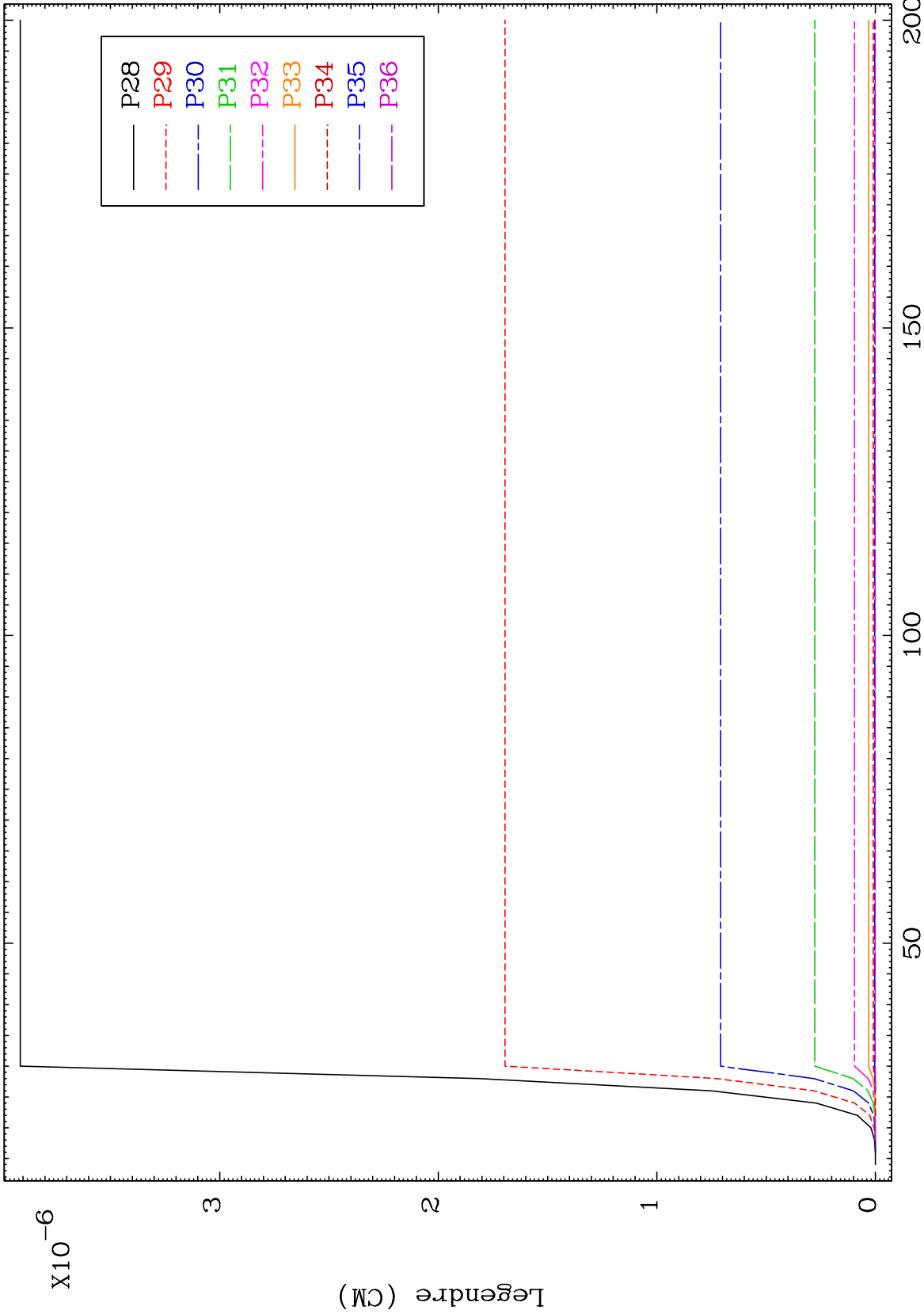
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



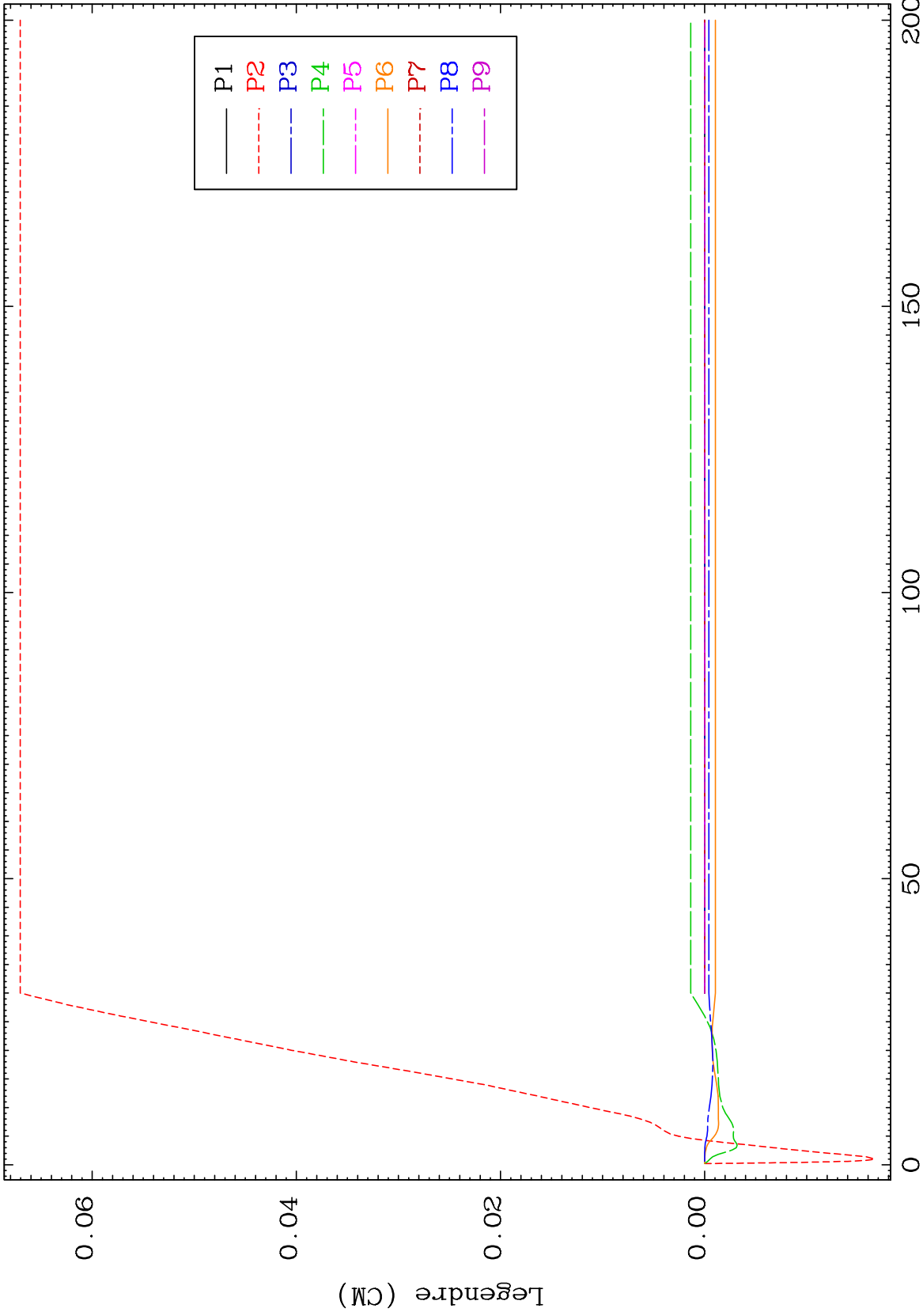
31

77-Ir-186

MAT 7710

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

77-Ir-186



32

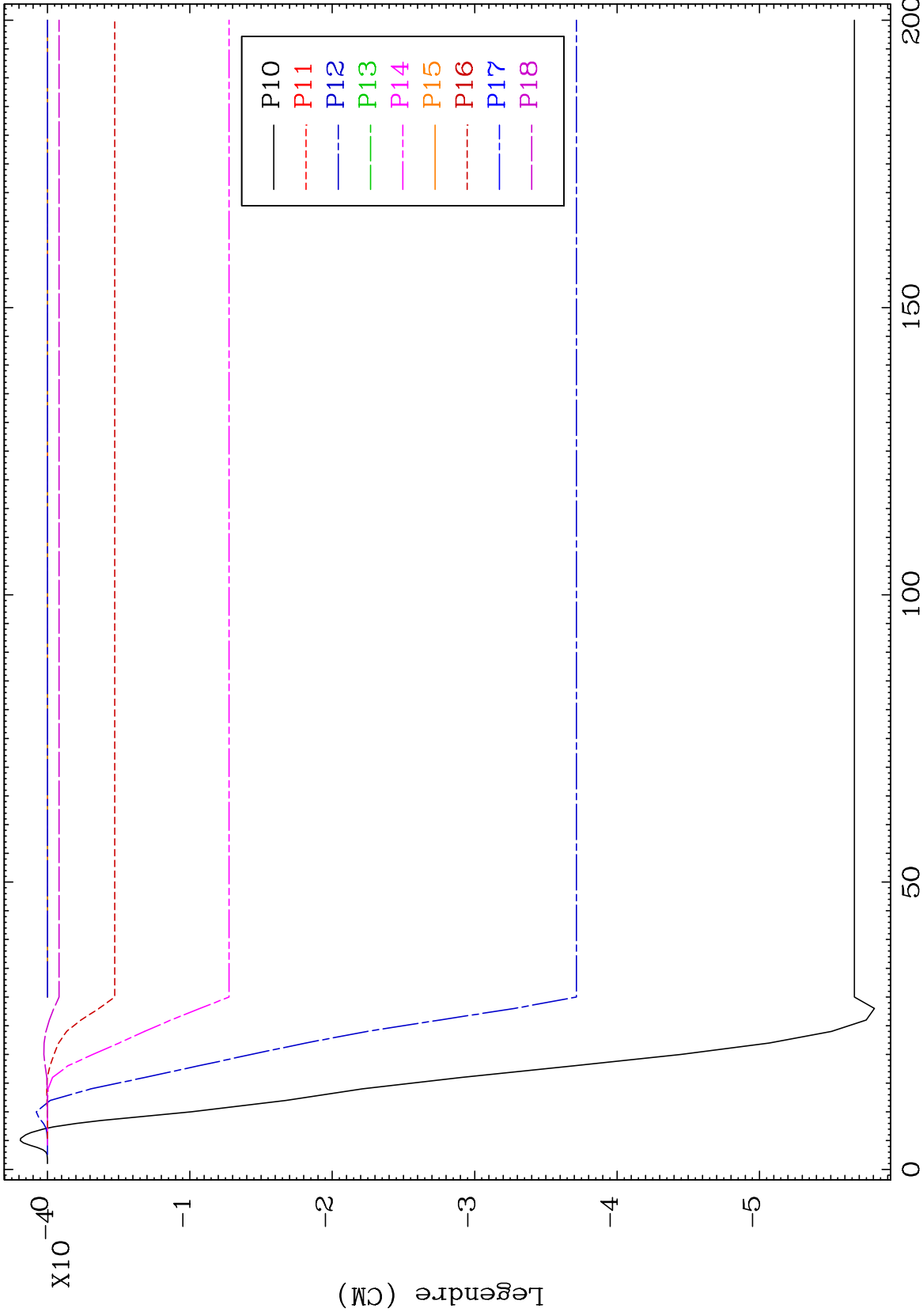
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186

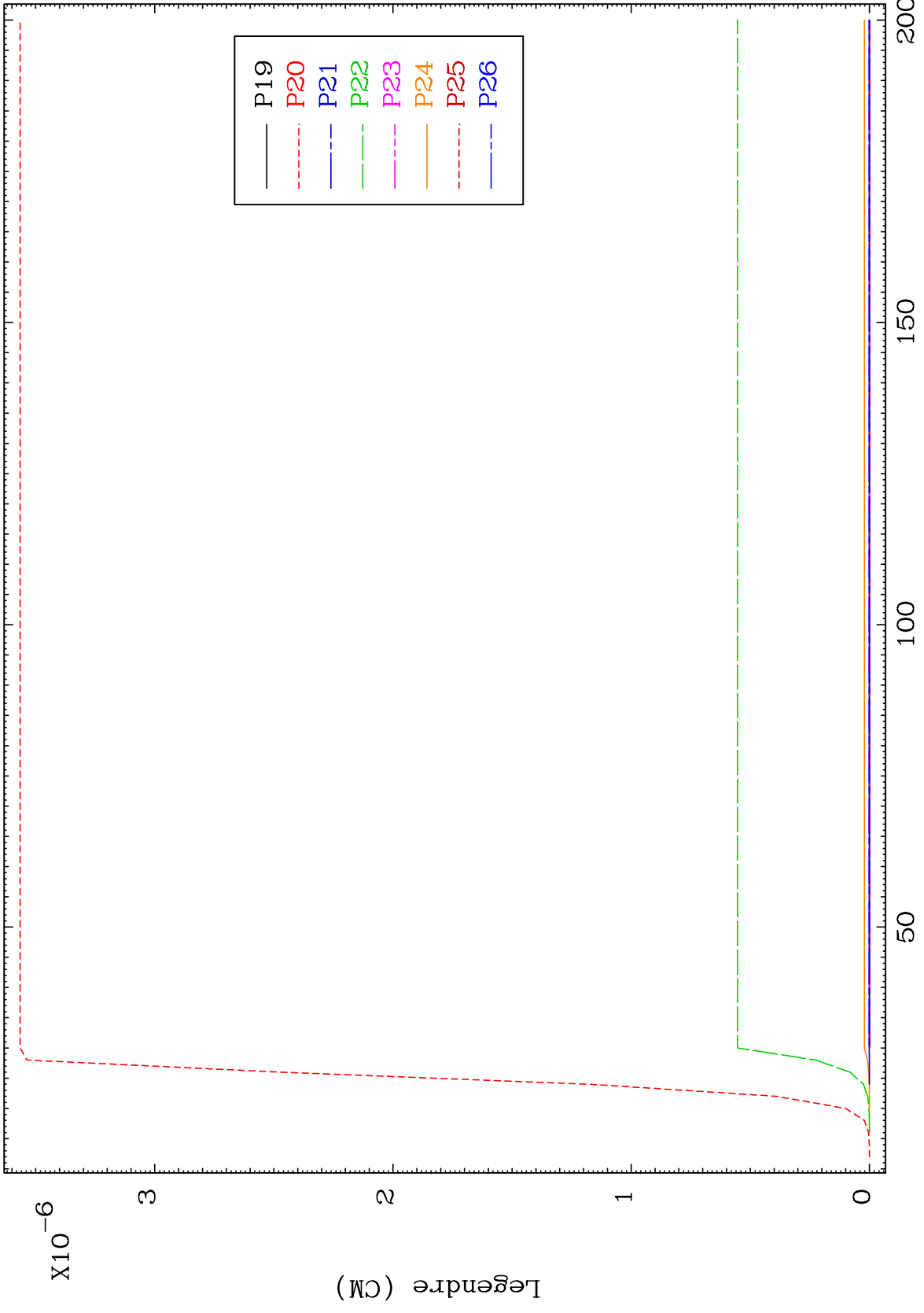


33

Incident Energy (MeV)

77-Ir-186

MAT 7710 MT= 55 (n,n') Level Legendre Coefficients 77-Ir-186

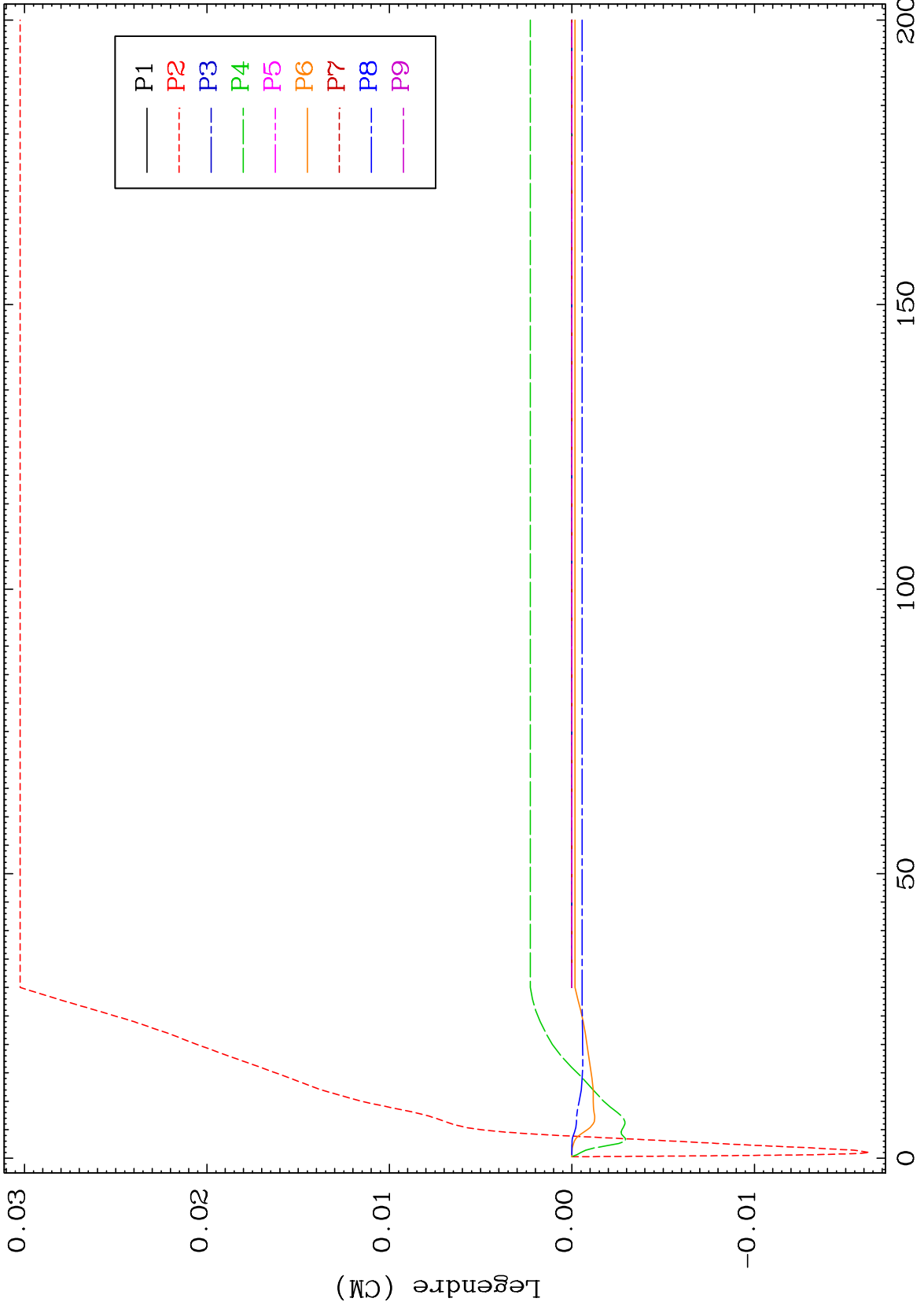


34 77-Ir-186

MAT 7710

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

77-Ir-186



35

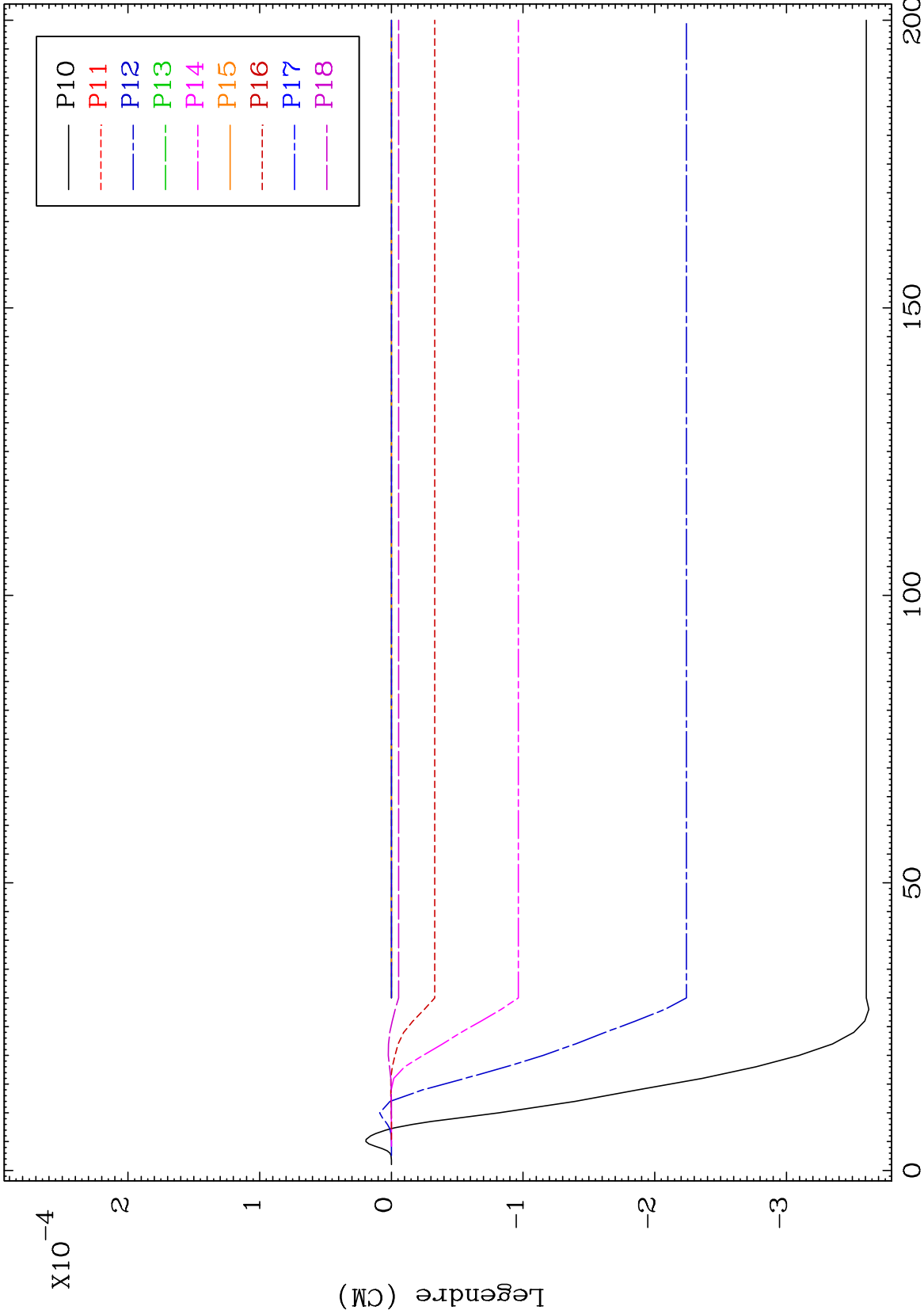
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

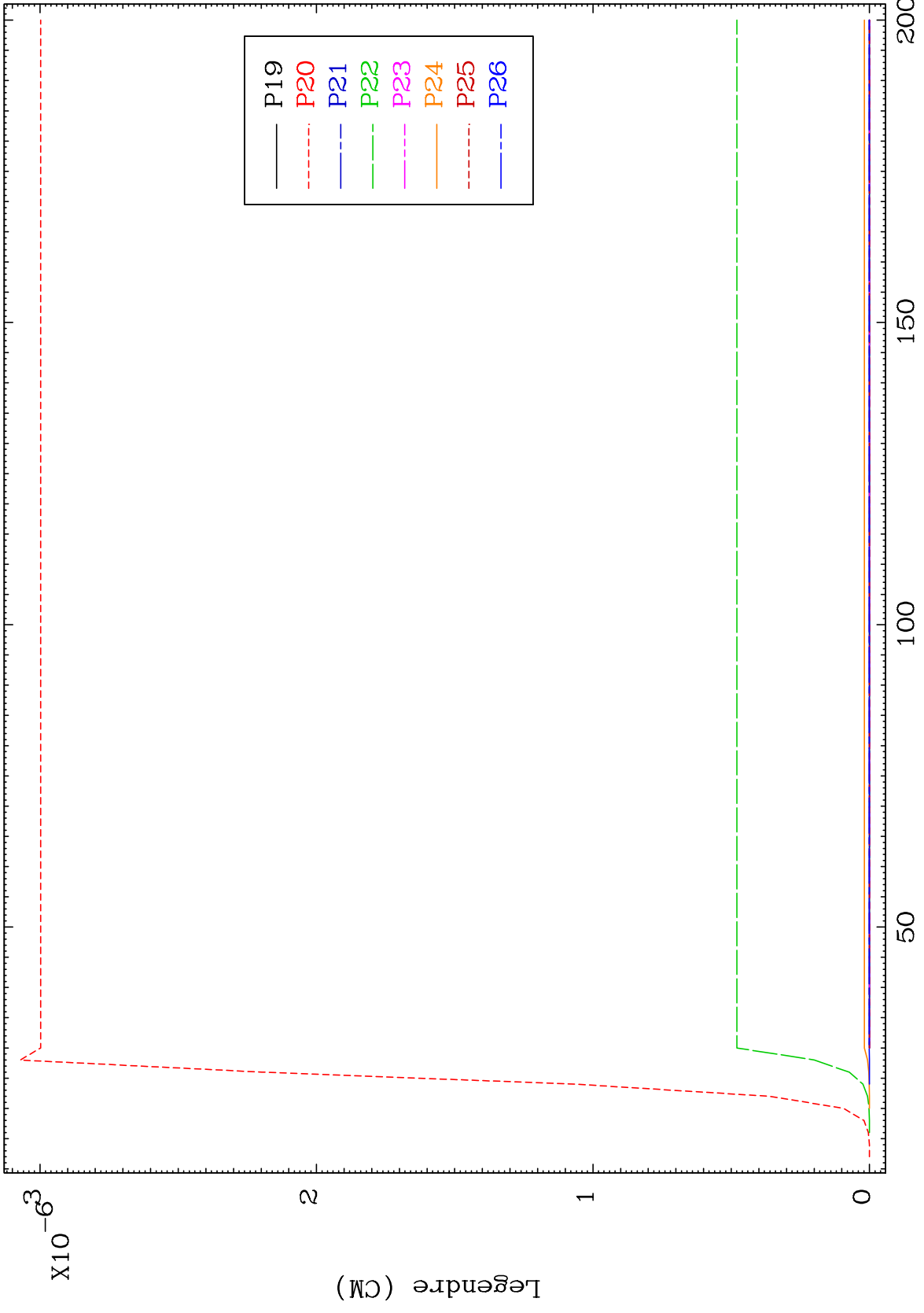
77-Ir-186



36

77-Ir-186

MAT 7710 MT= 56 (n,n') Level Legendre Coefficients 77-Ir-186

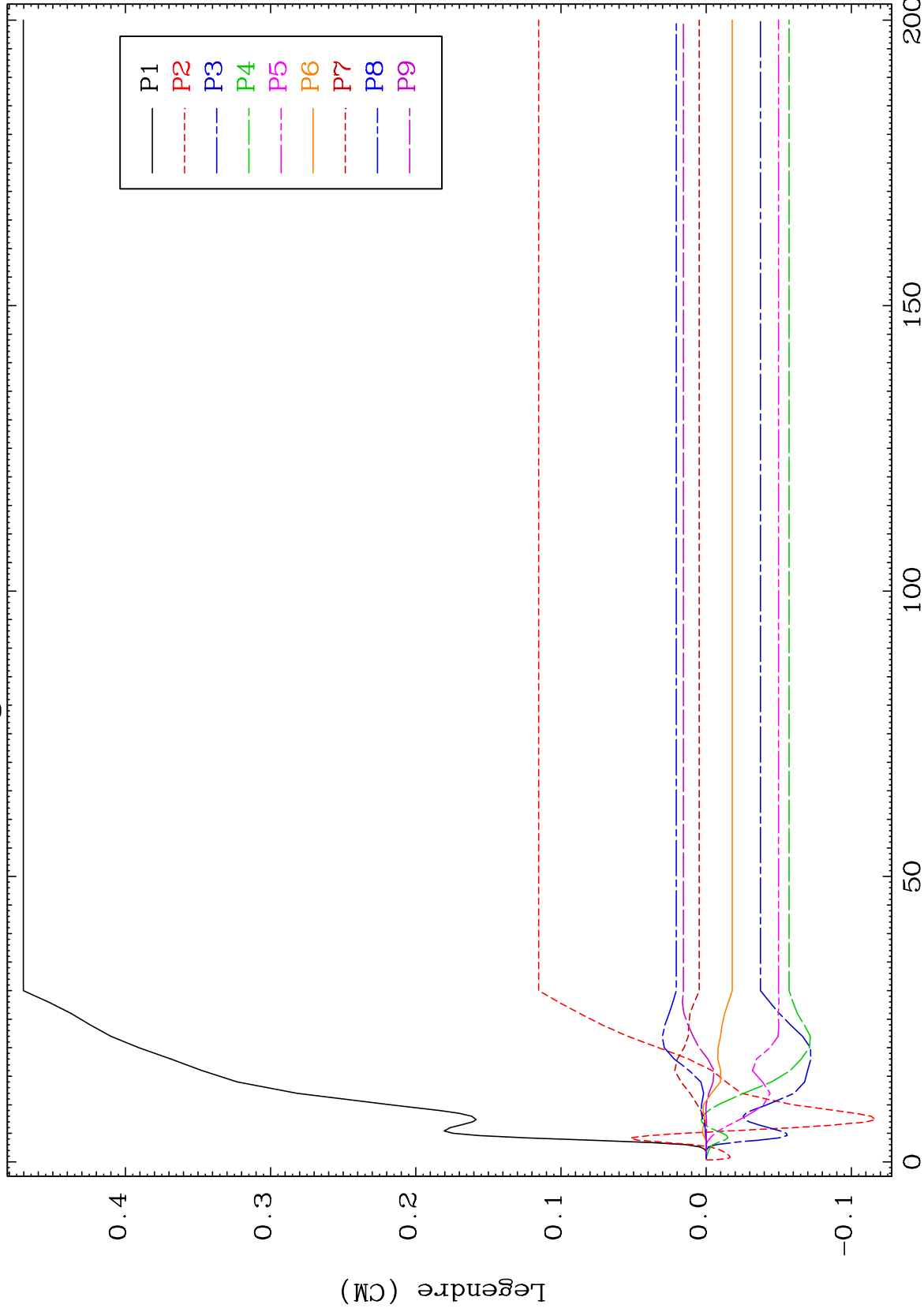


37 50 100 150 200 77-Ir-186

MAT 7710

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

77-Ir-186



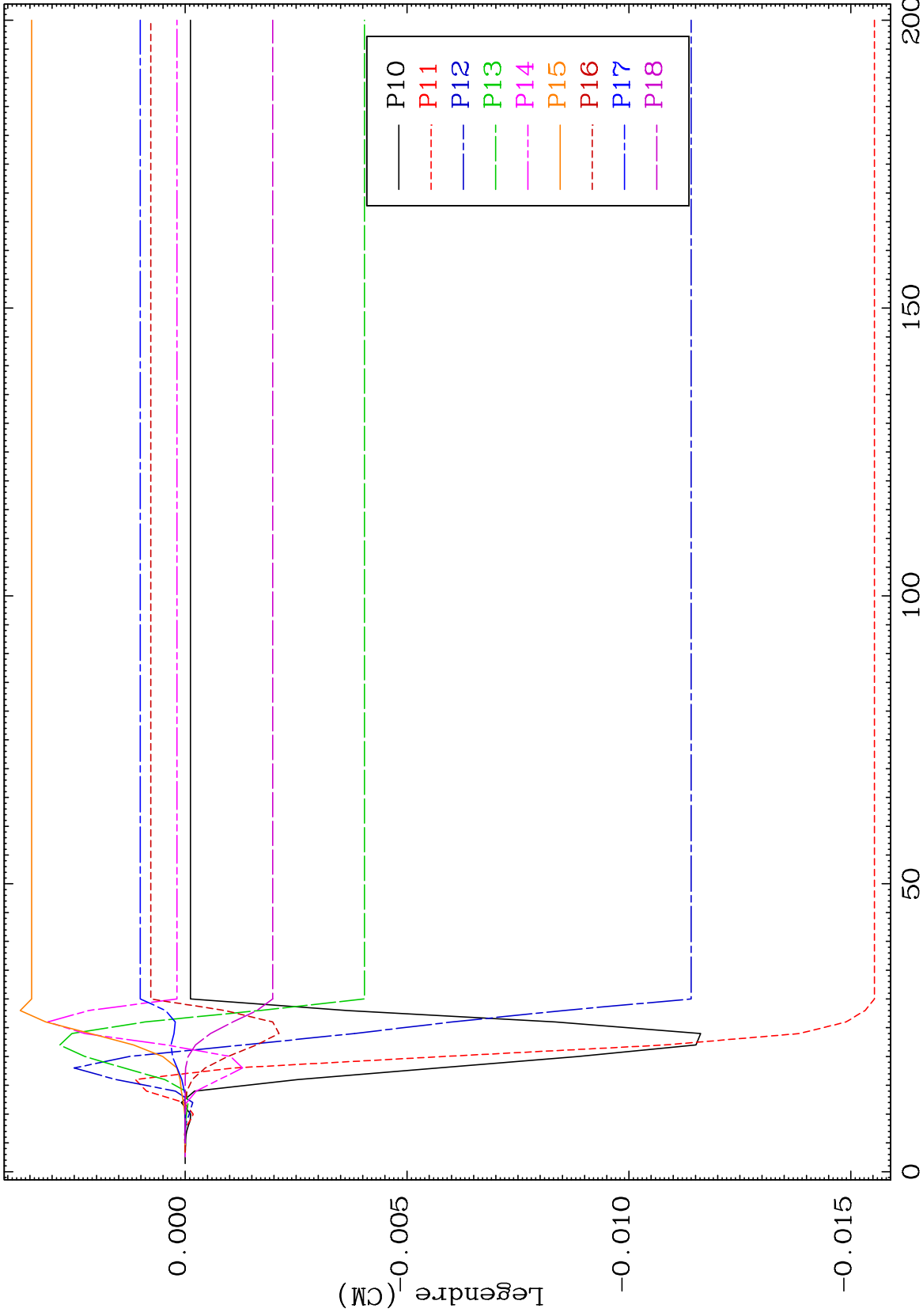
38

77-Ir-186

MAT 7710

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

77-Ir-186



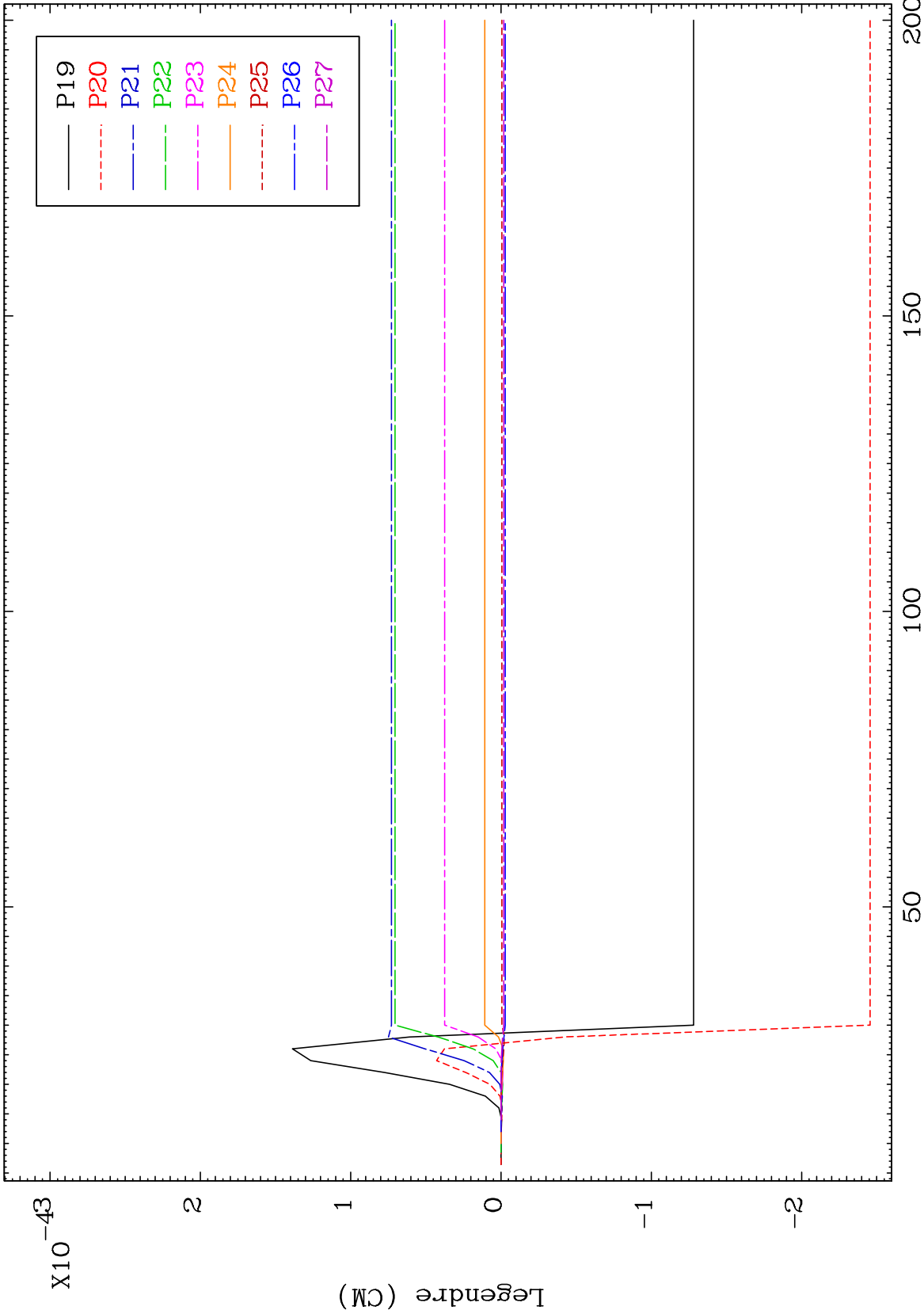
39

77-Ir-186

MAT 7710

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

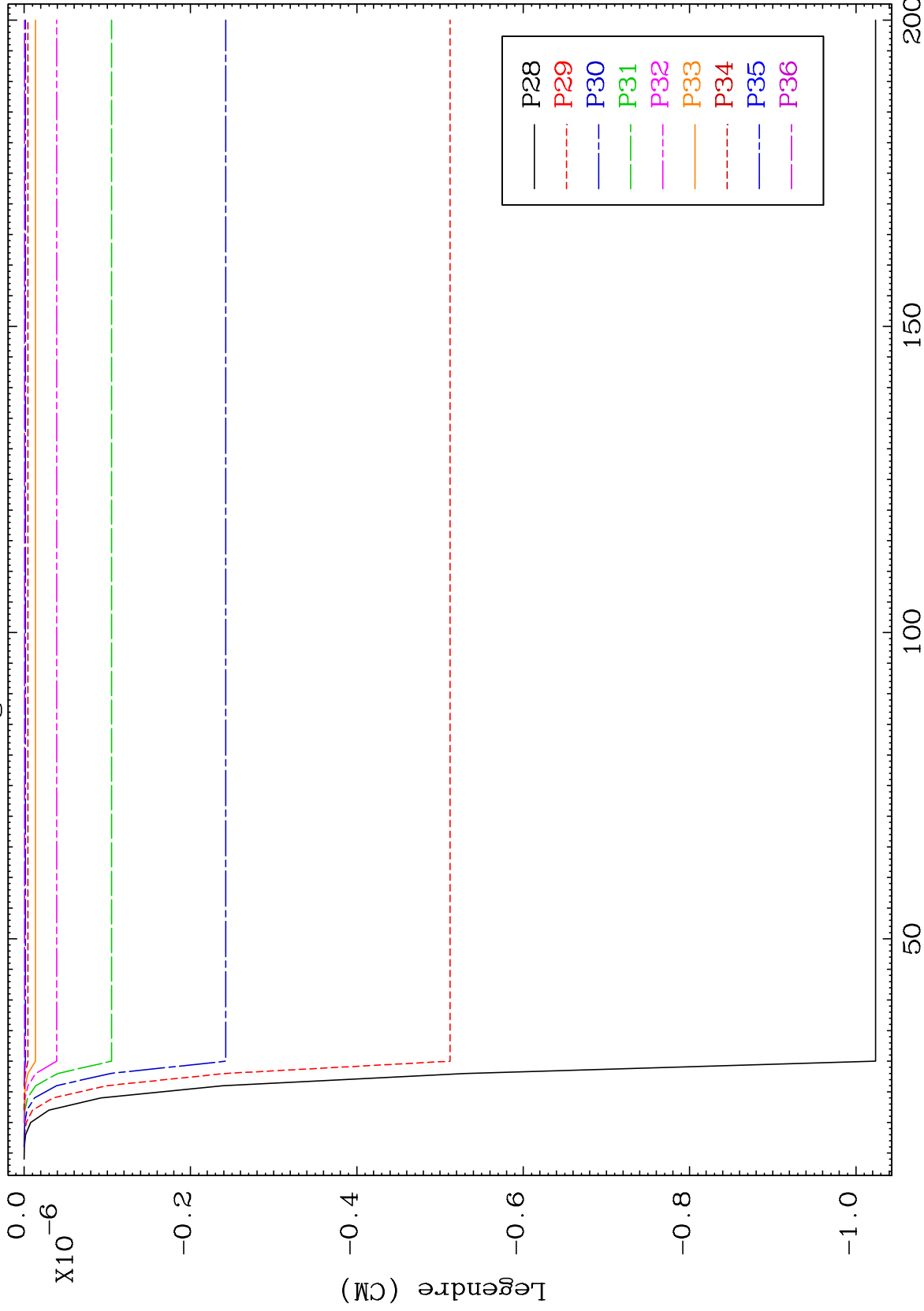
77-Ir-186



40

Incident Energy (MeV)

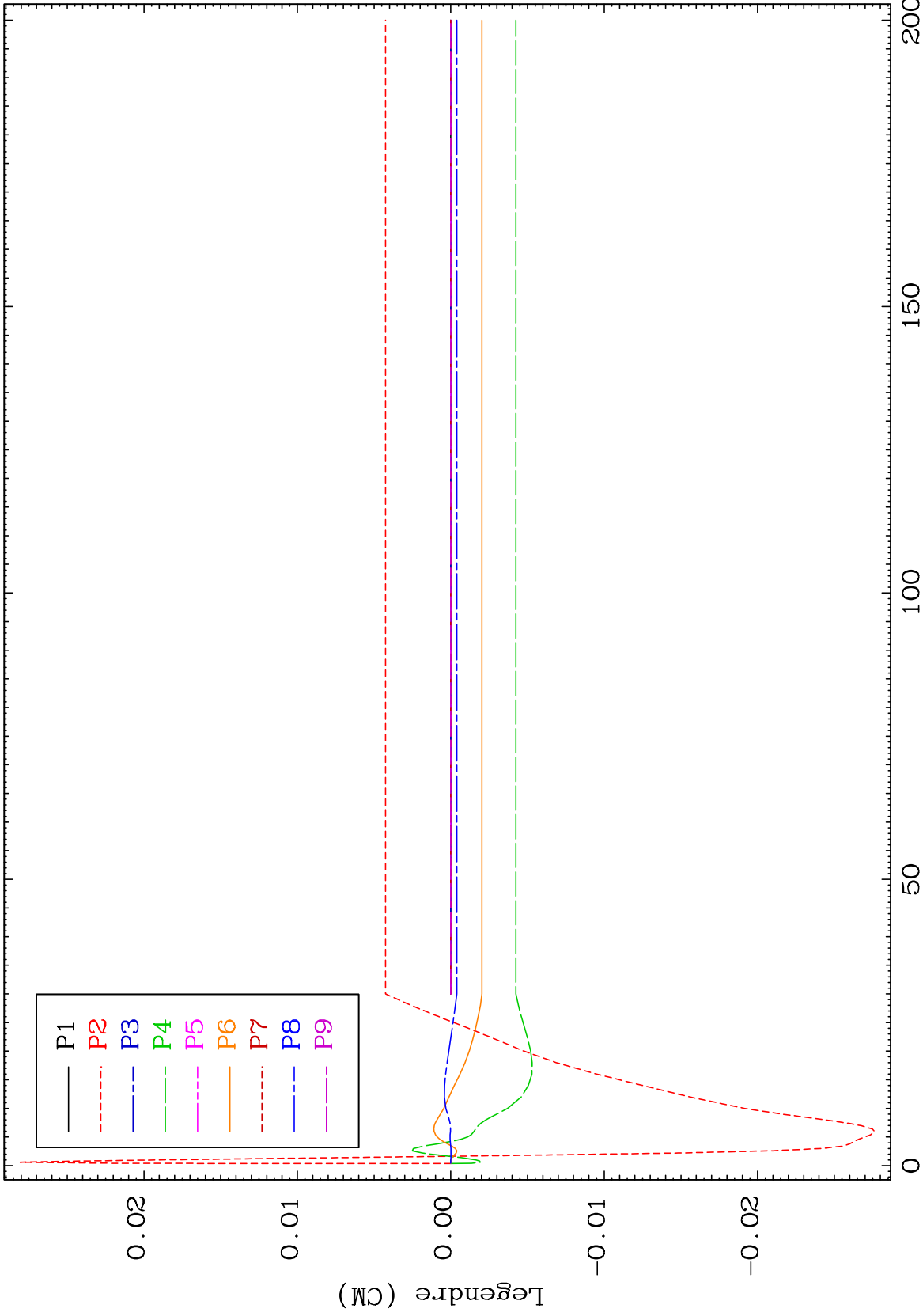
77-Ir-186



MAT 7710

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

77-Ir-186



42

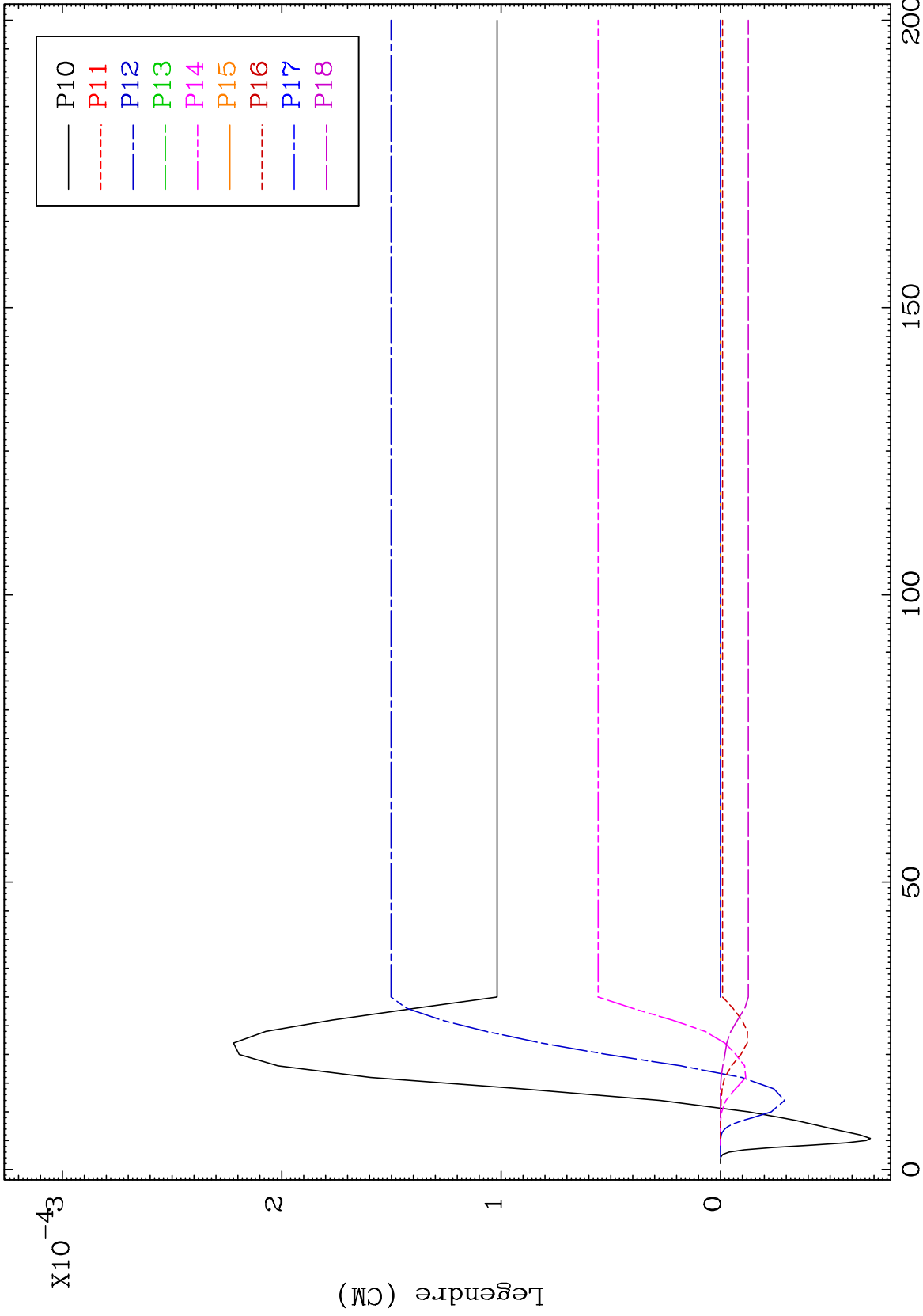
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

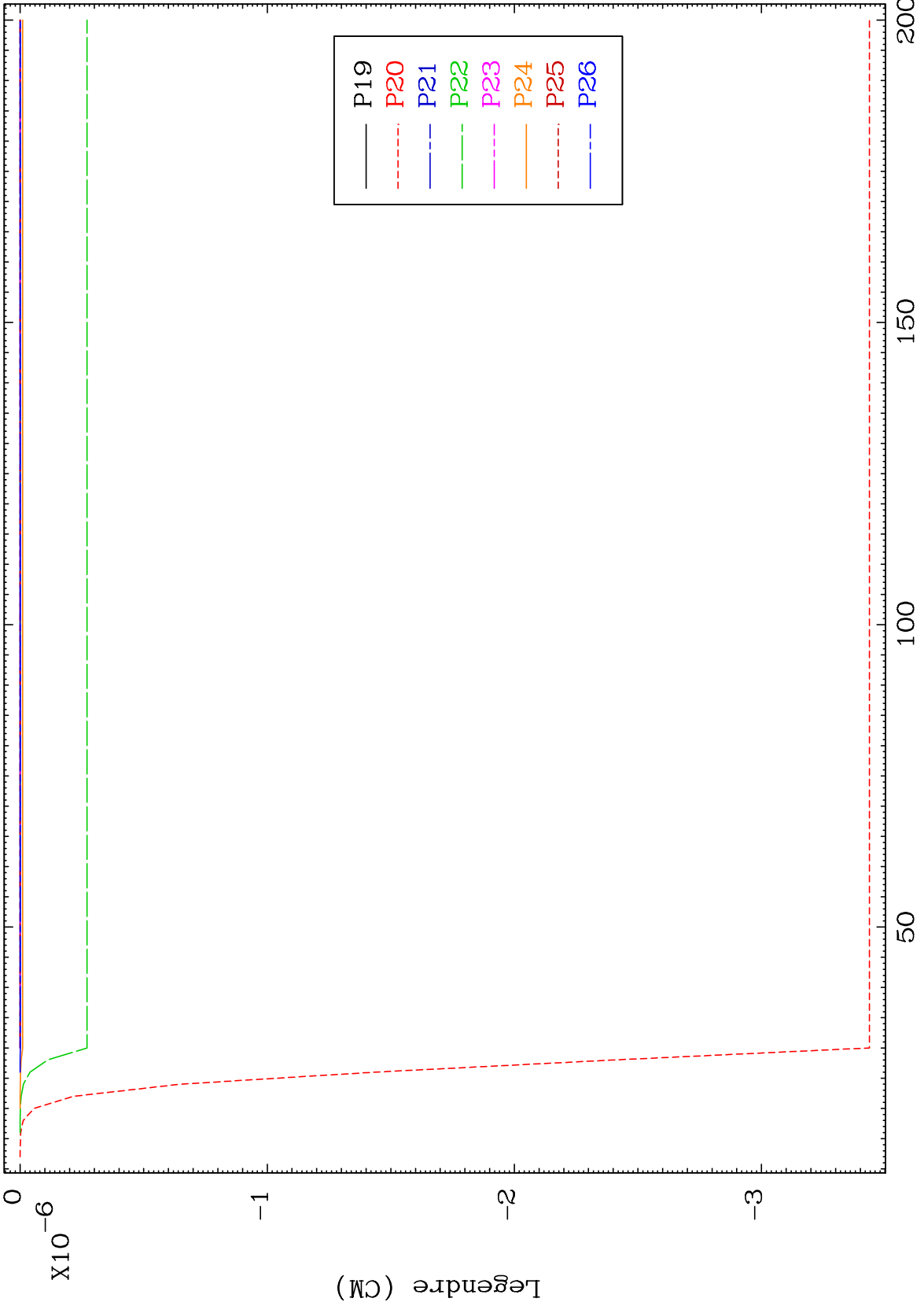
77-Ir-186



43

77-Ir-186

MAT 7710 MT= 58 (n,n') Level Legendre Coefficients 77-Ir-186

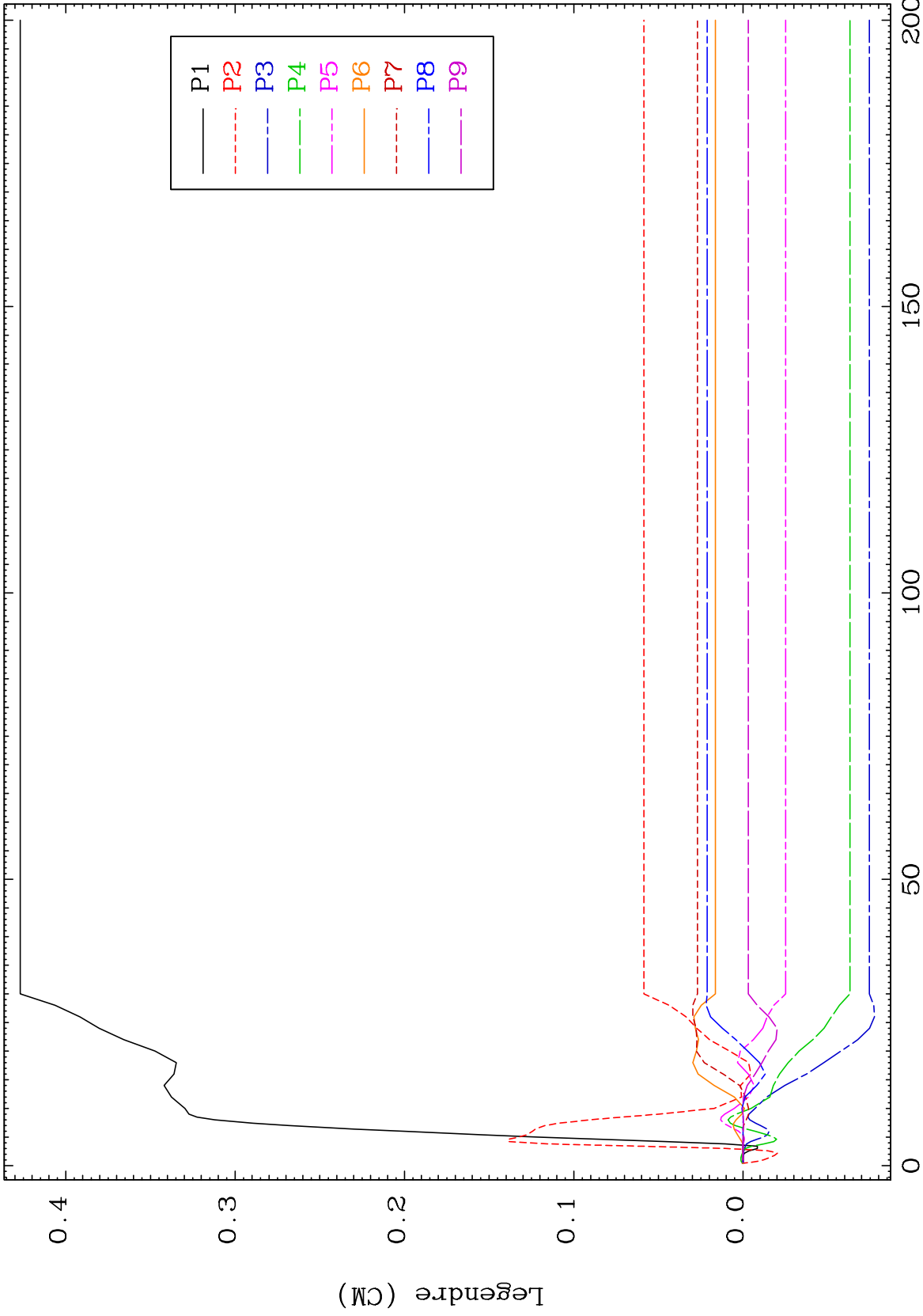


44 Incident Energy (MeV) 77-Ir-186

MAT 7710

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

77-Ir-186



45

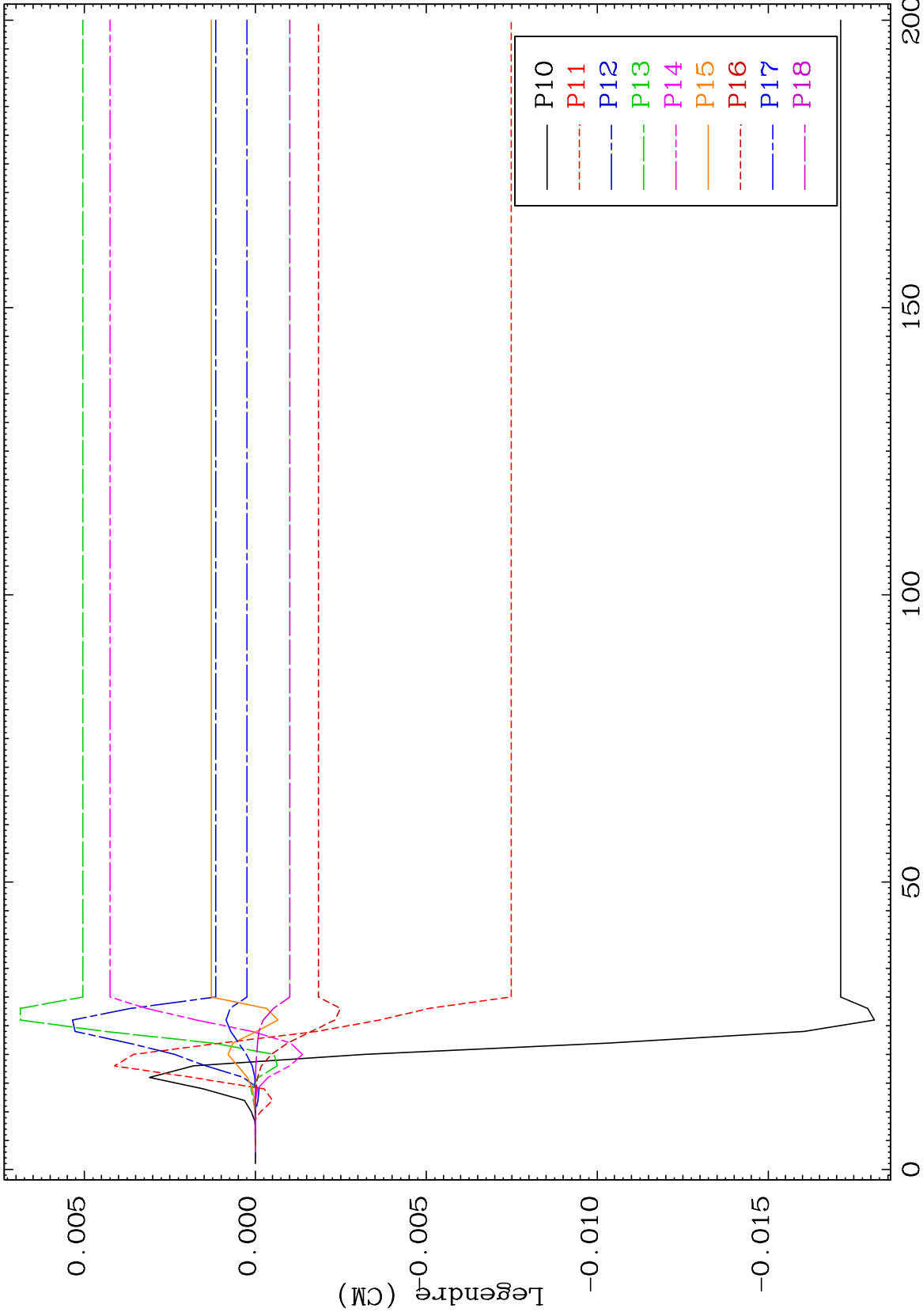
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



46

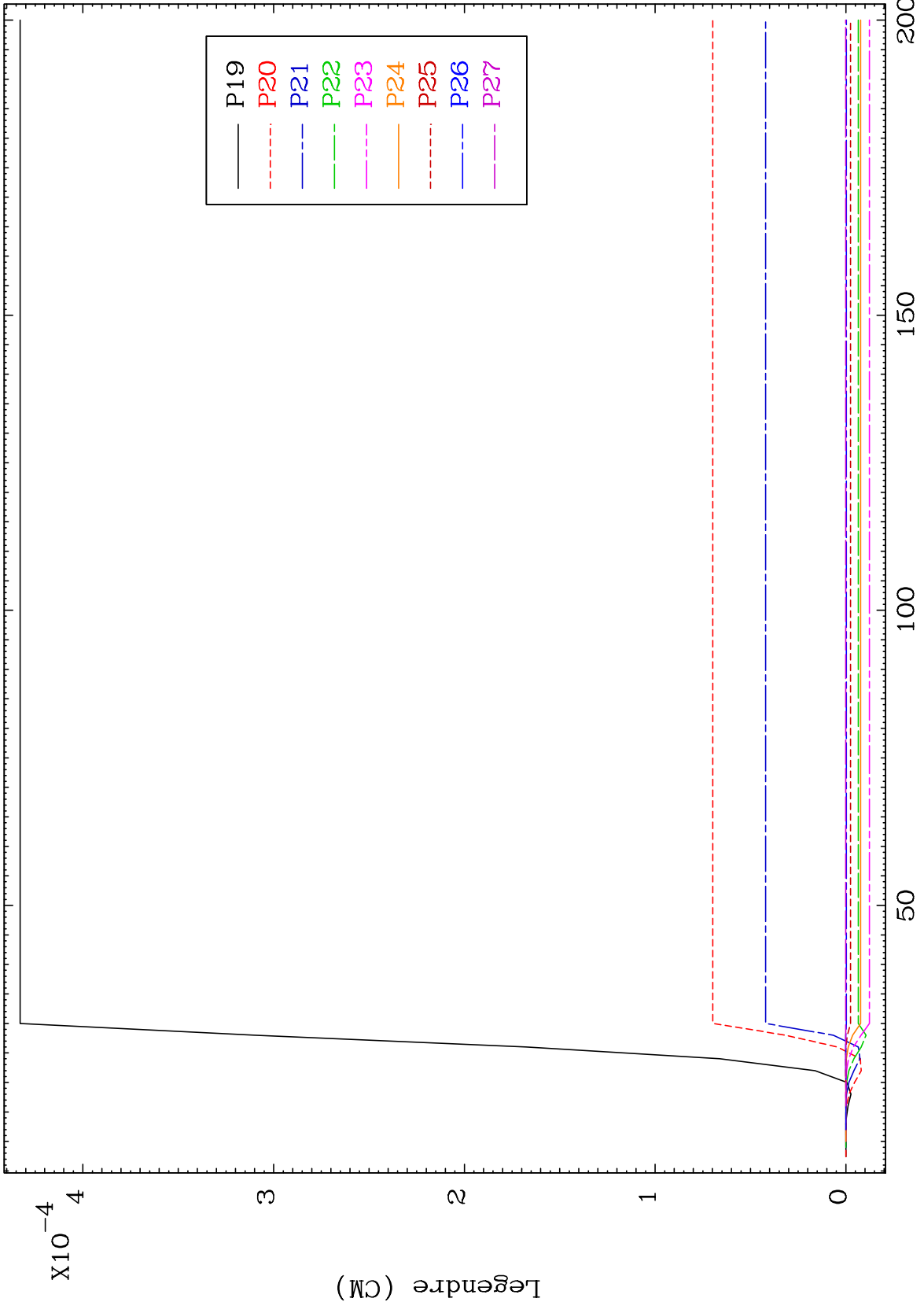
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

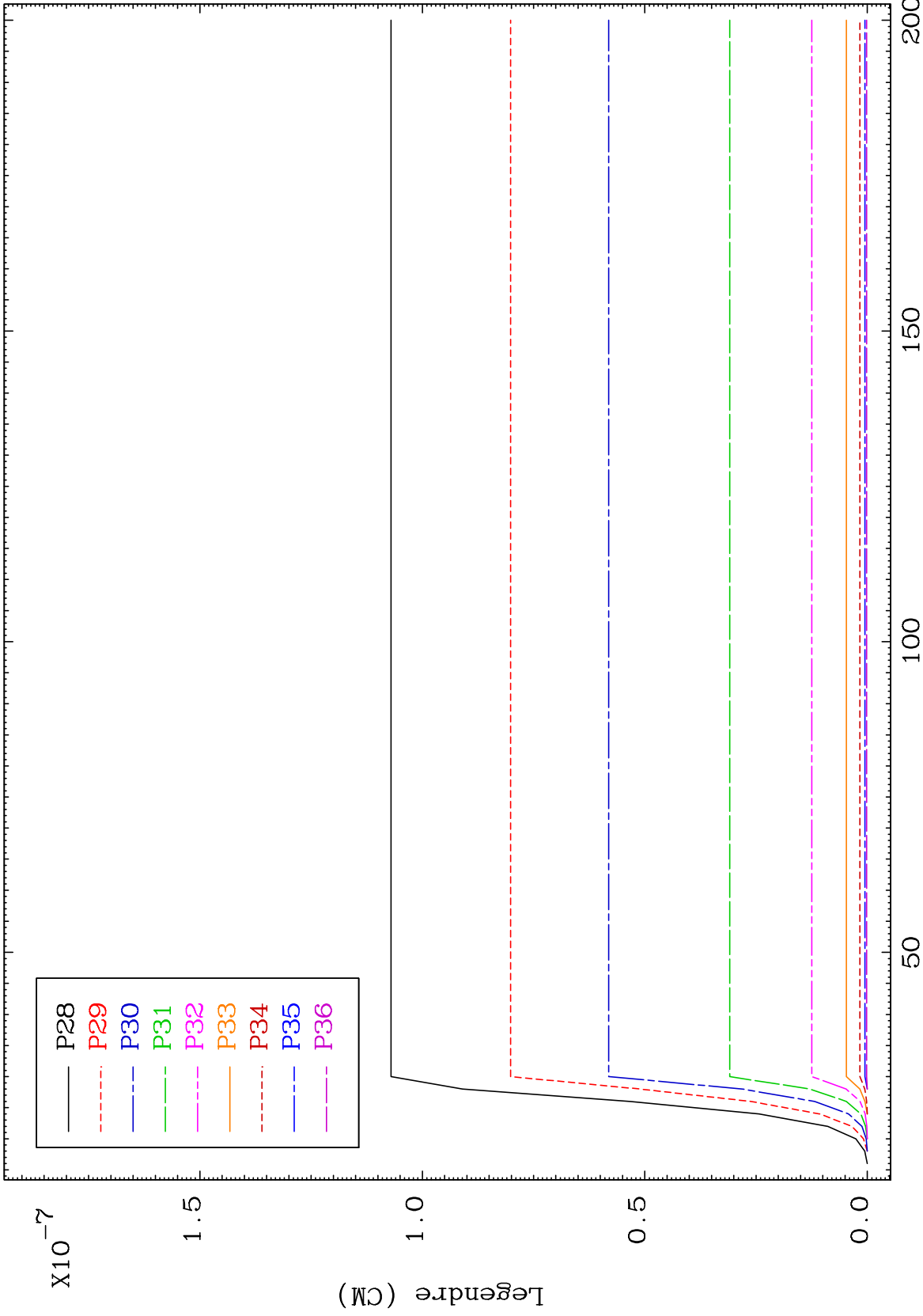
77-Ir-186



47

Incident Energy (MeV)

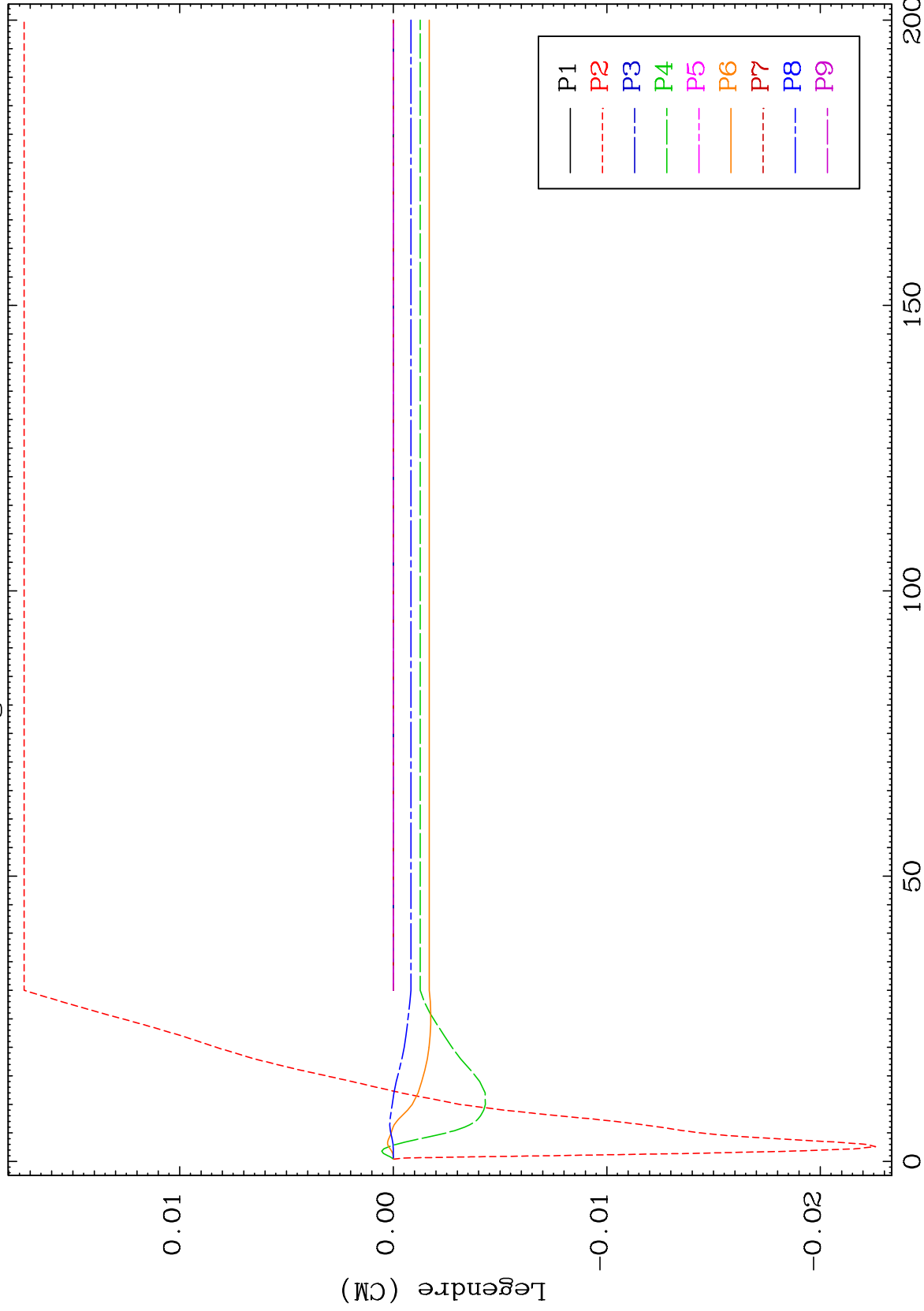
77-Ir-186



MAT 7710

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

77-Ir-186



49

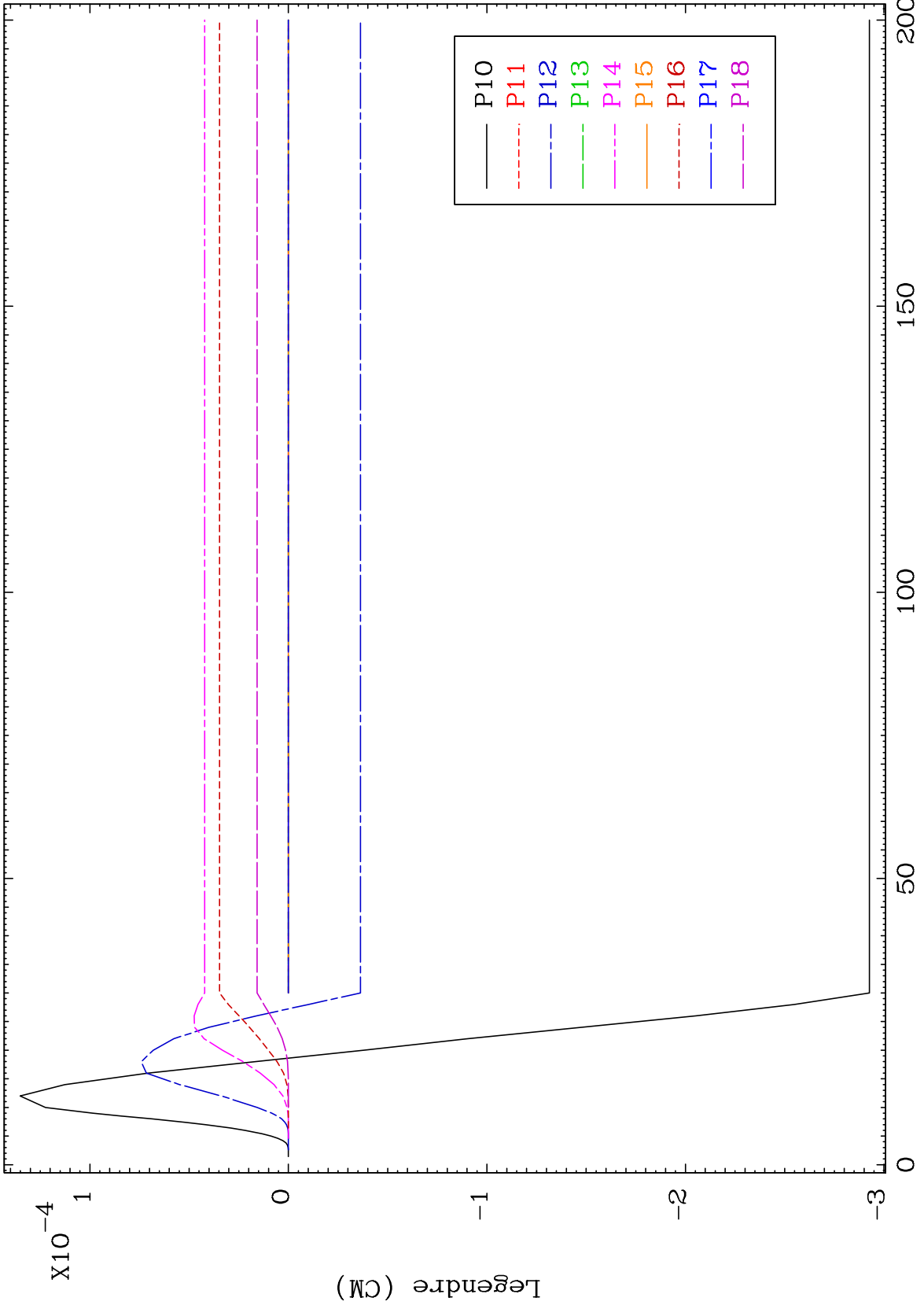
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



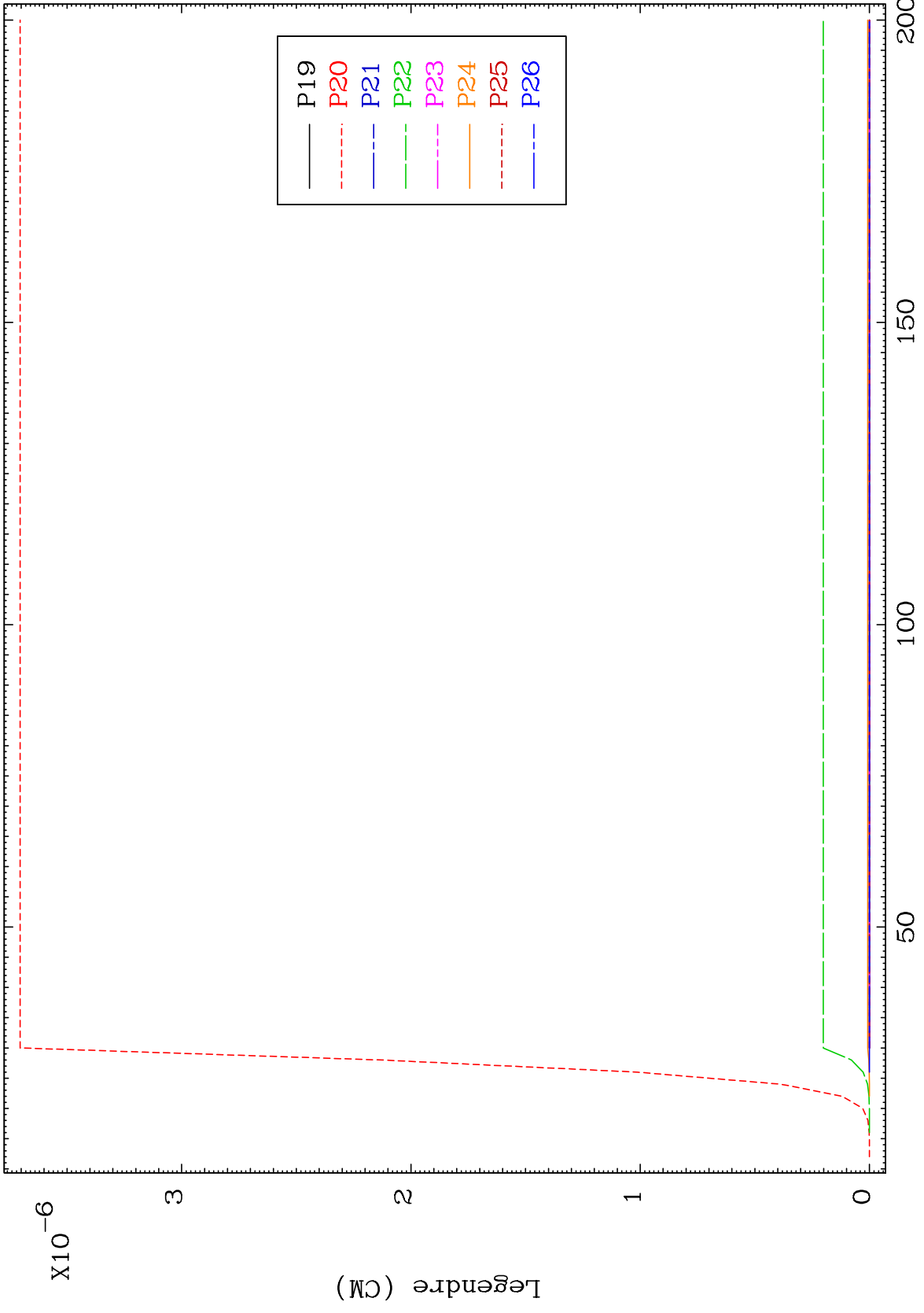
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Incident Energy (MeV)

150

77-Ir-186

MAT 7710 MT= 60 (n,n') Level Legendre Coefficients 77-Ir-186

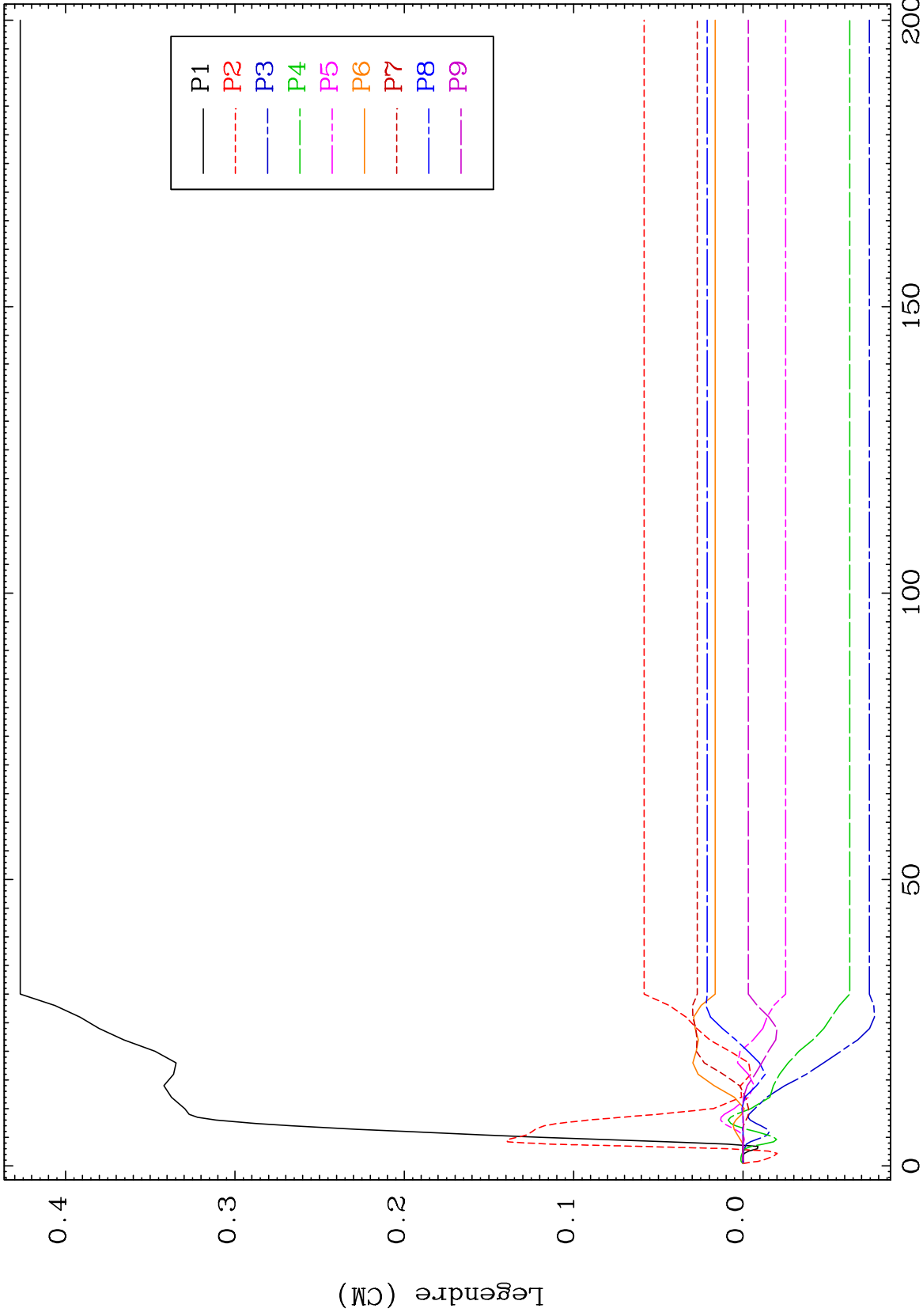


51 Incident Energy (MeV) 77-Ir-186

MAT 7710

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

77-Ir-186



52

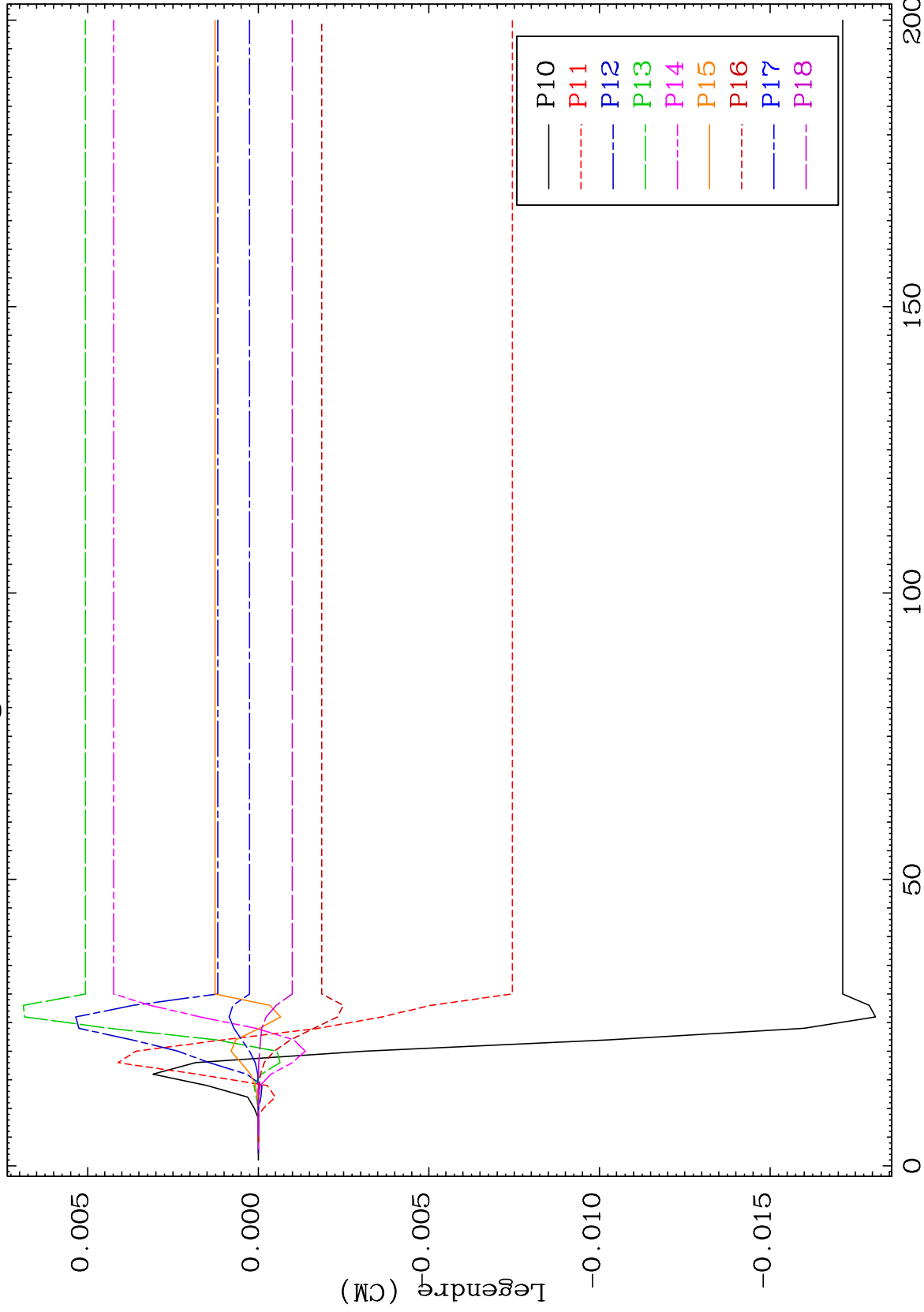
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



53

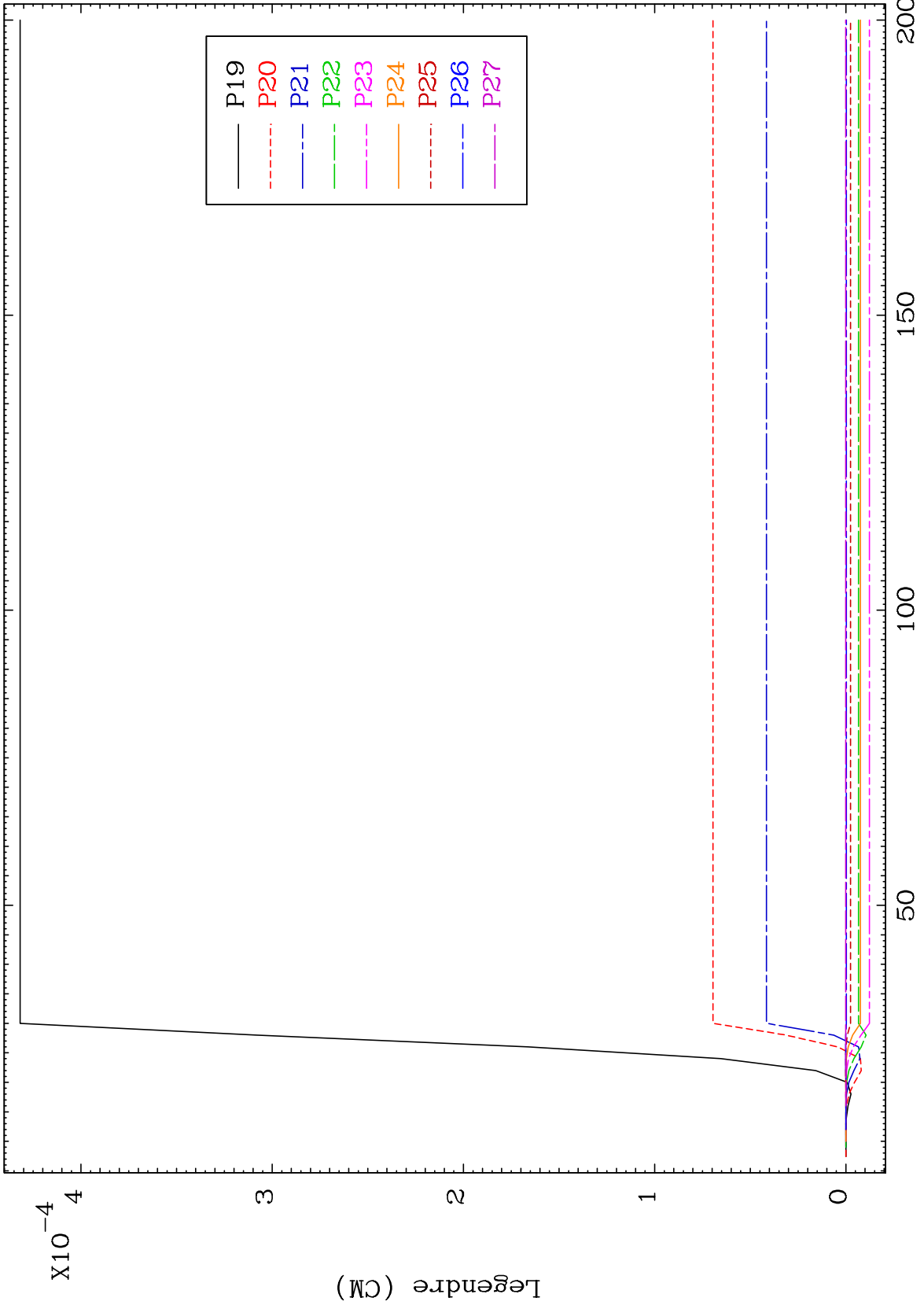
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



54

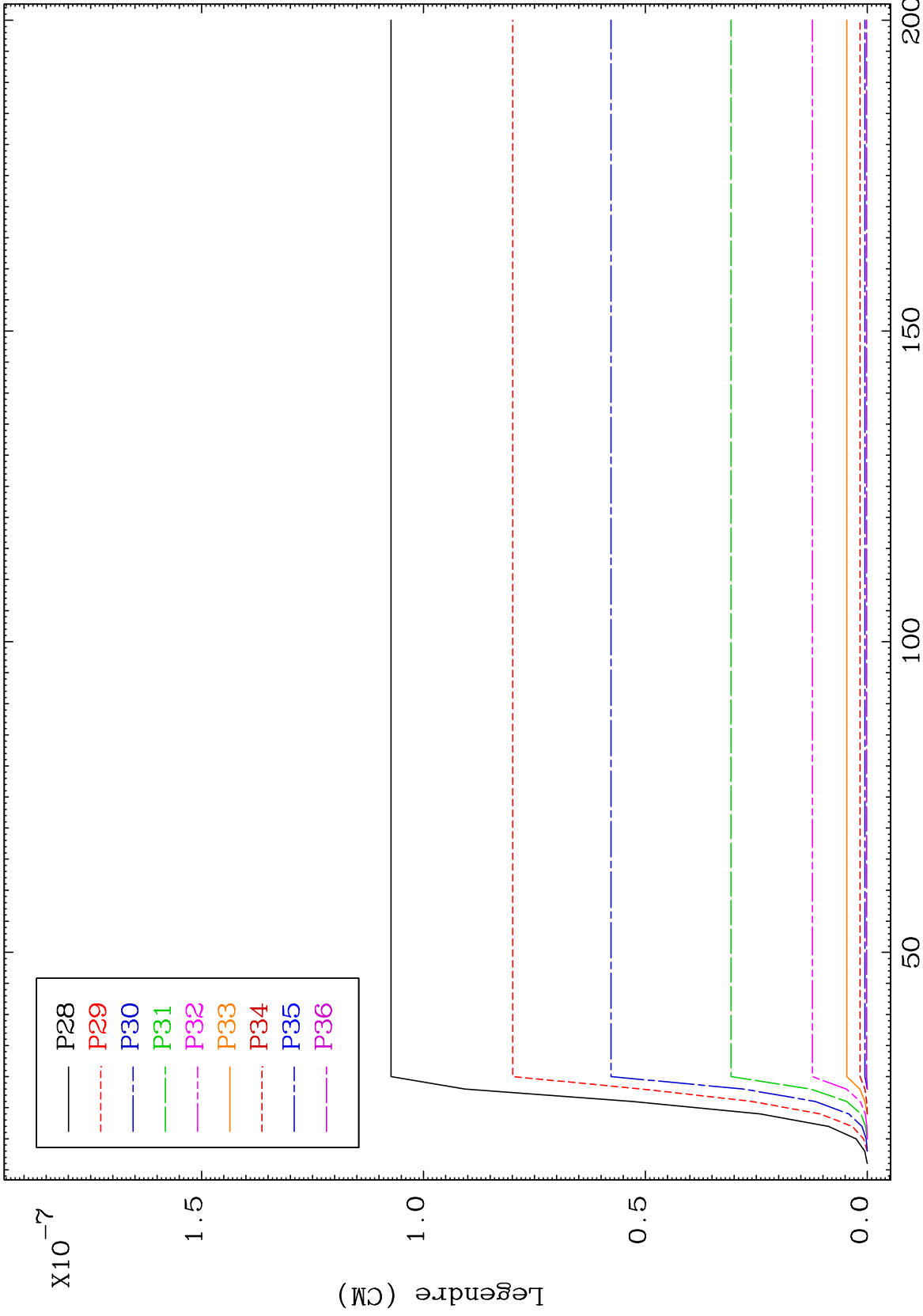
Incident Energy (MeV)

77-Ir-186

MAT 7710

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

77-Ir-186



55

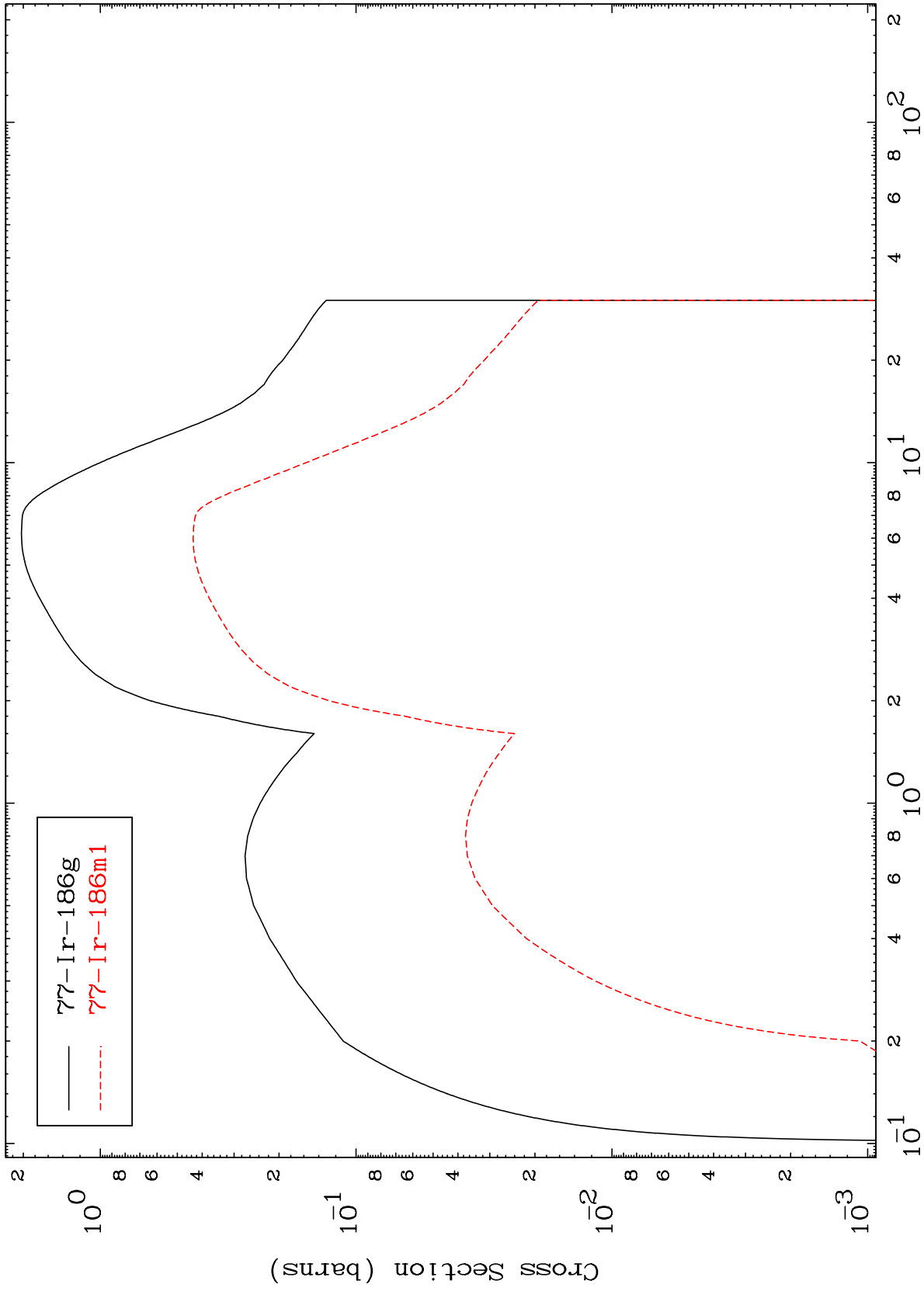
Incident Energy (MeV)

77-Ir-186

MAT 7710

Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-186



56

Incident Energy (MeV)

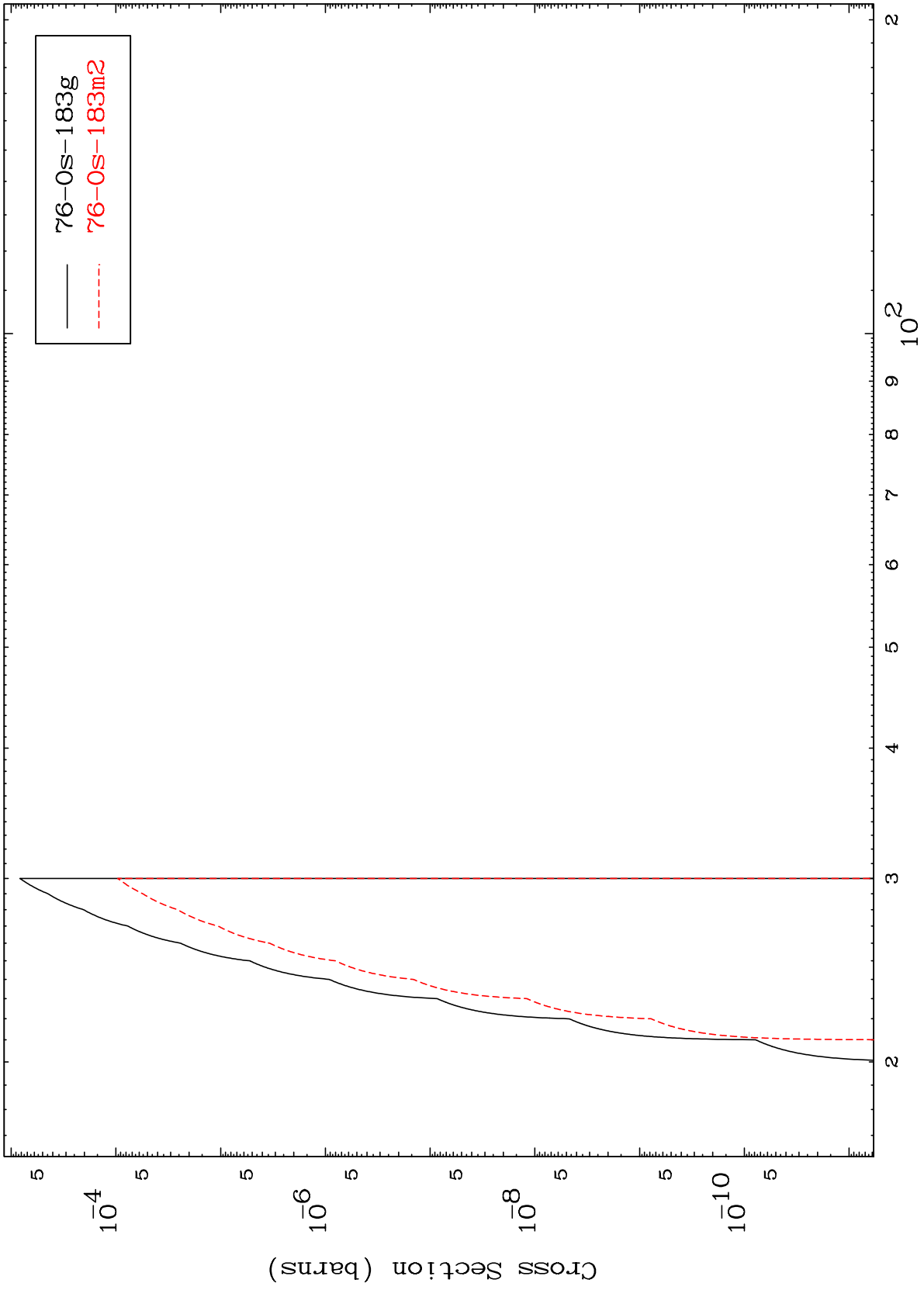
⁷⁷Ir-186

MAT 7710

(n,2n) d

77-Ir-186

Radionuclide Production Cross Section



57

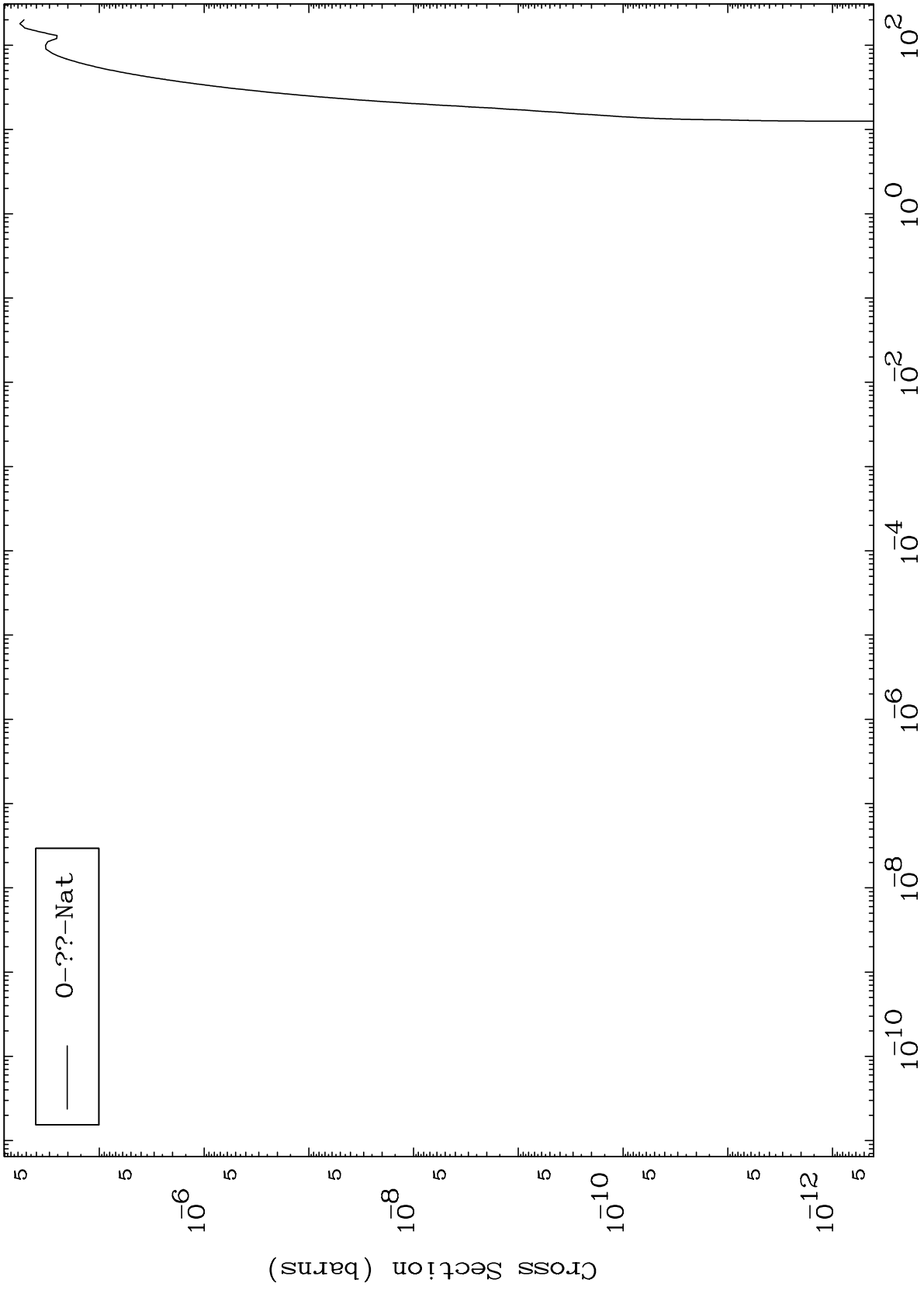
Incident Energy (MeV)

77-Ir-186

MAT 7710

Fission
Radionuclide Production Cross Section

77-Ir-186



58

Incident Energy (MeV)

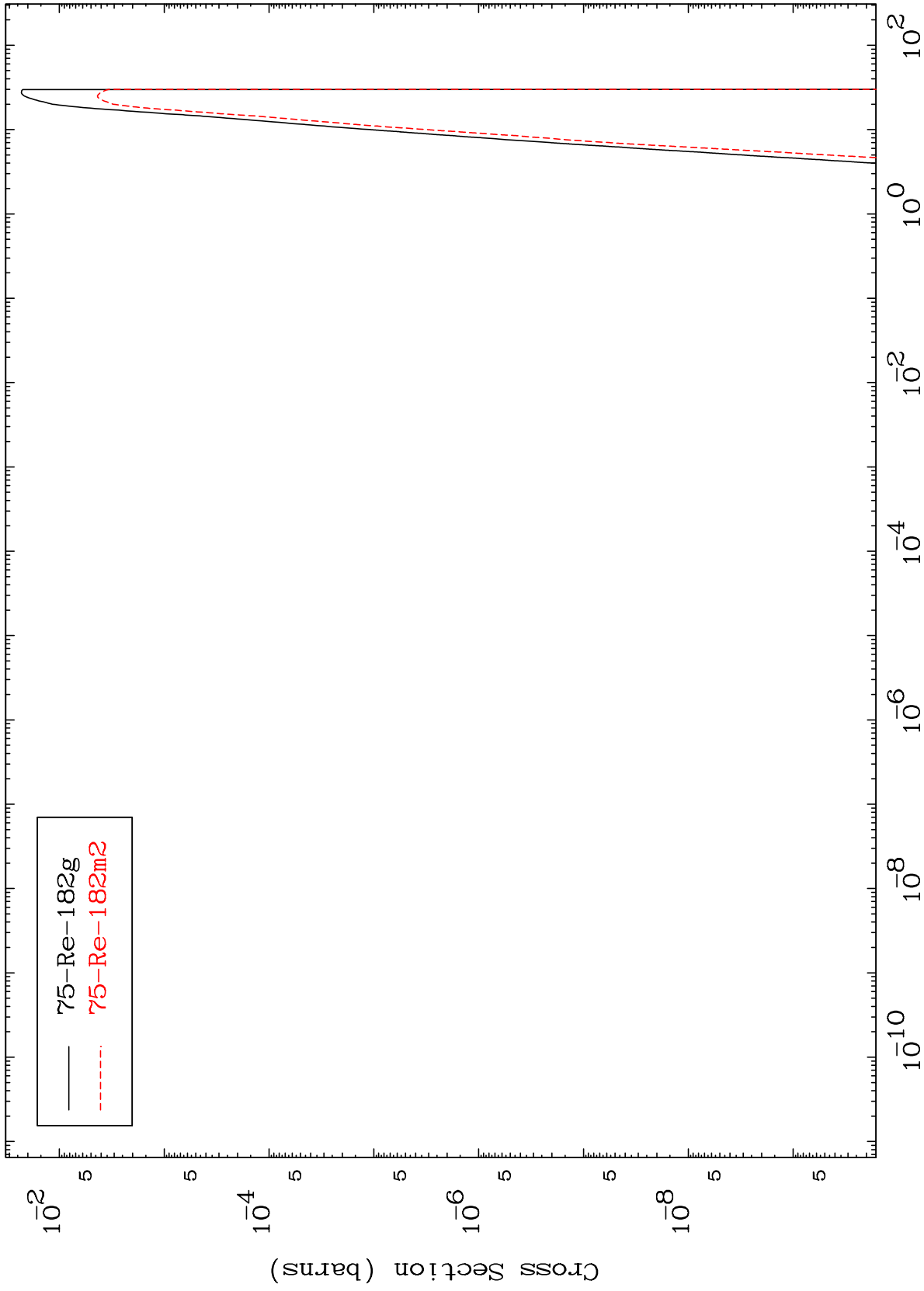
77-Ir-186

MAT 7710

(n,n') α

77-Ir-186

Radionuclide Production Cross Section



59

Incident Energy (MeV)

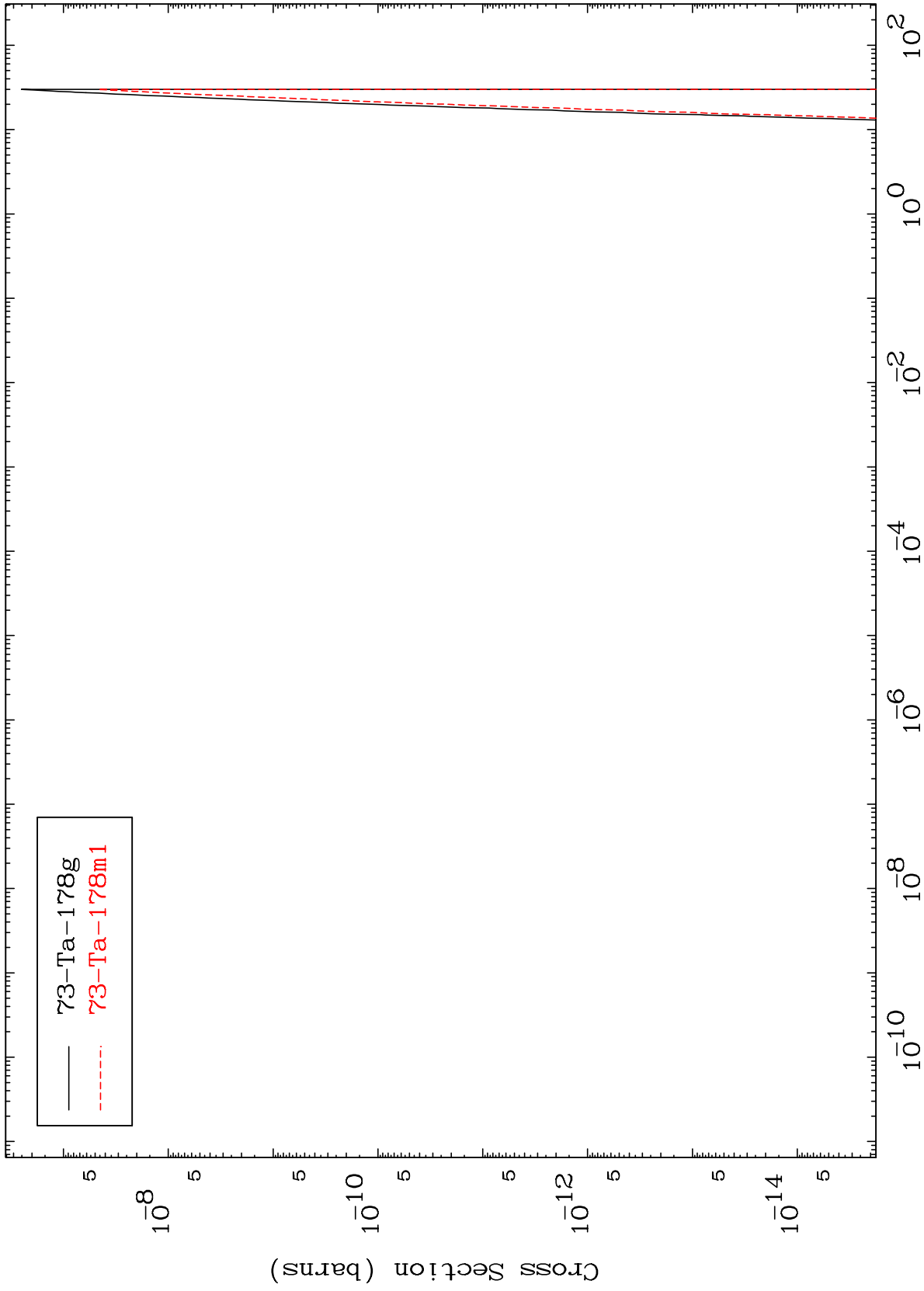
77-Ir-186

MAT 7710

(n,n') 2α

77-Ir-186

Radionuclide Production Cross Section



60

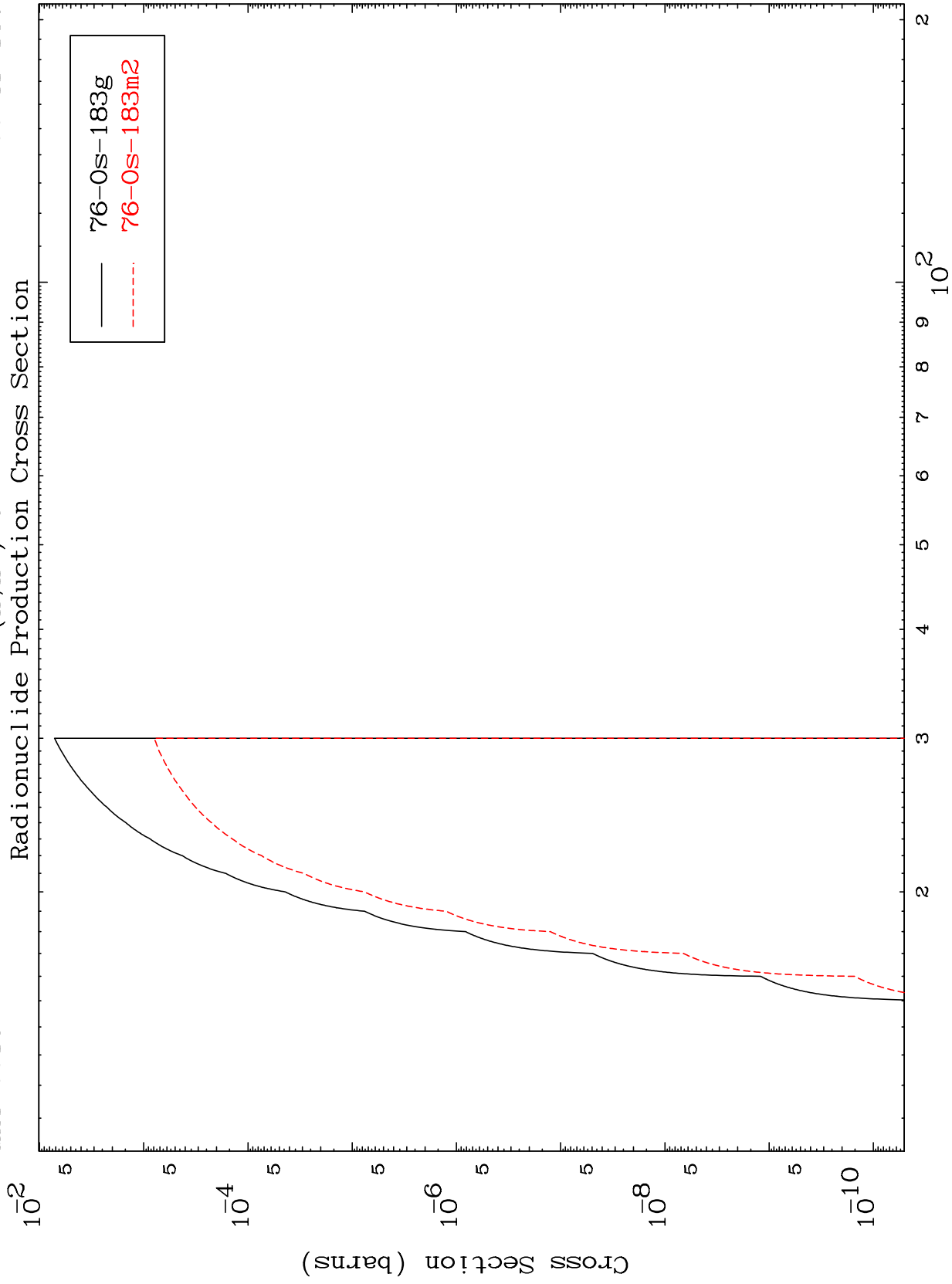
Incident Energy (MeV)

77-Ir-186

MAT 7710

(n,n') t

77-Ir-186



61

Incident Energy (MeV)

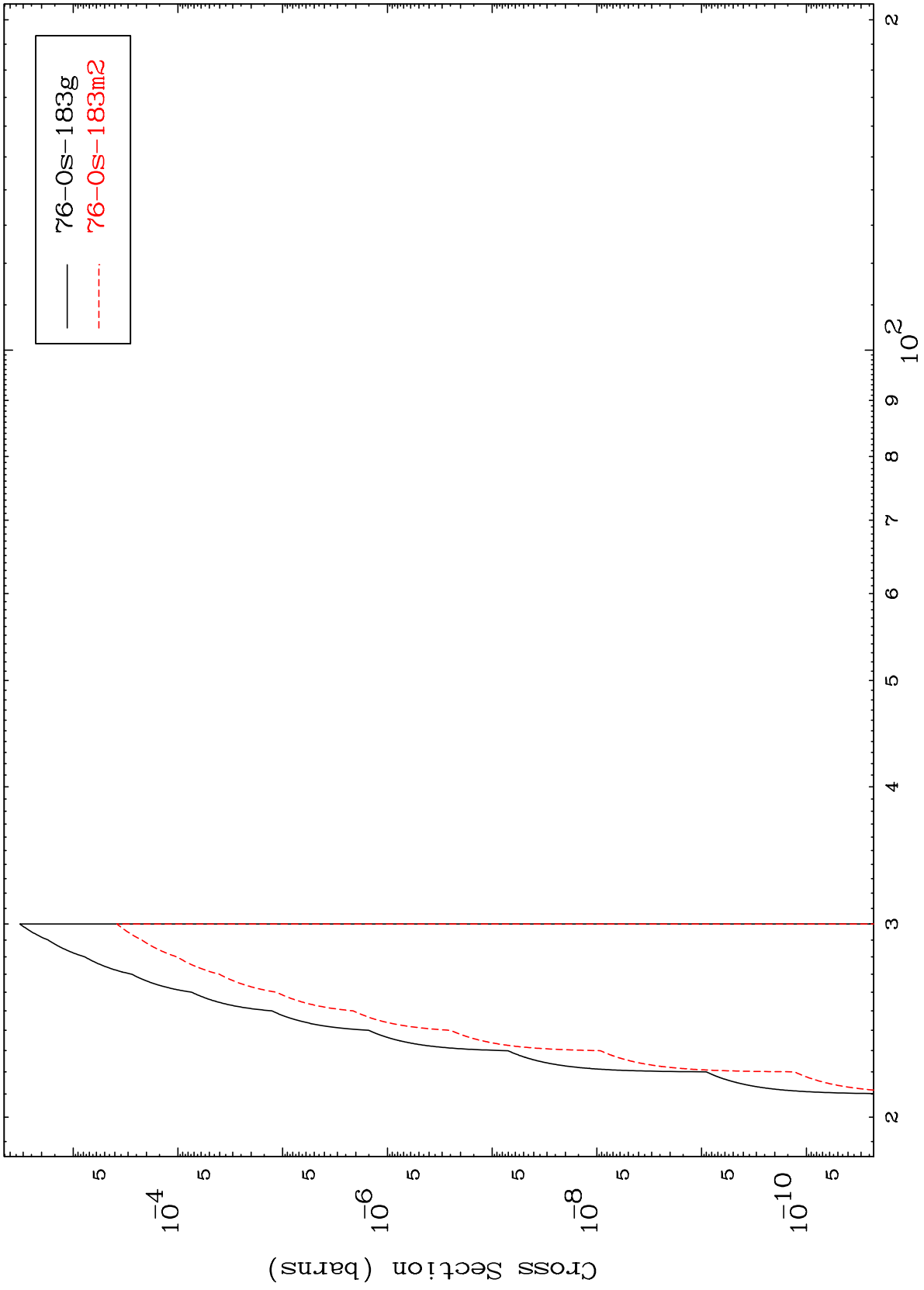
77-Ir-186

MAT 7710

(n,3n) p

77-Ir-186

Radionuclide Production Cross Section



62

Incident Energy (MeV)

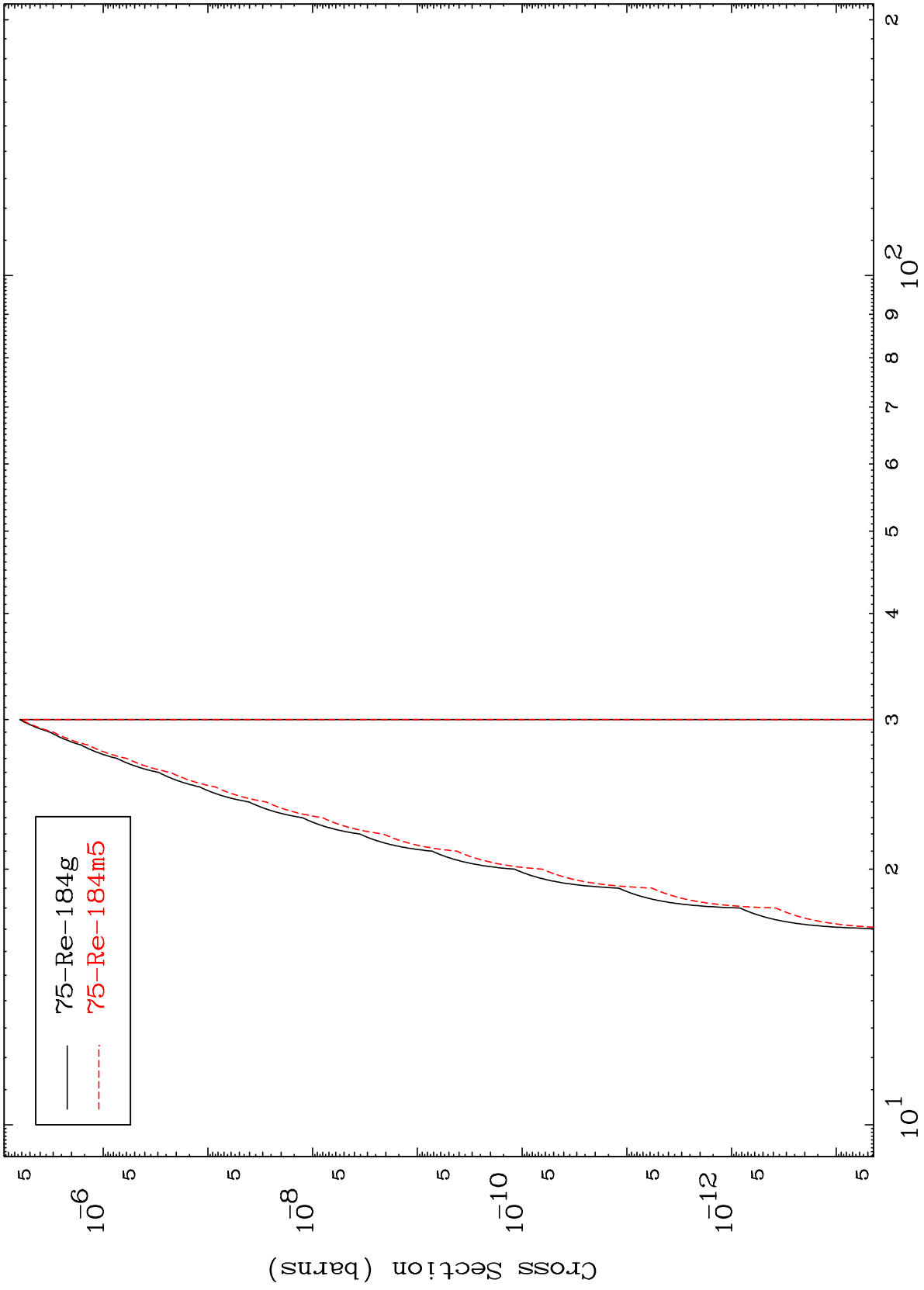
77-Ir-186

MAT 7710

(n,2n) p

77-Ir-186

Radionuclide Production Cross Section



75-Re-184g
75-Re-184m5

63

Incident Energy (MeV)

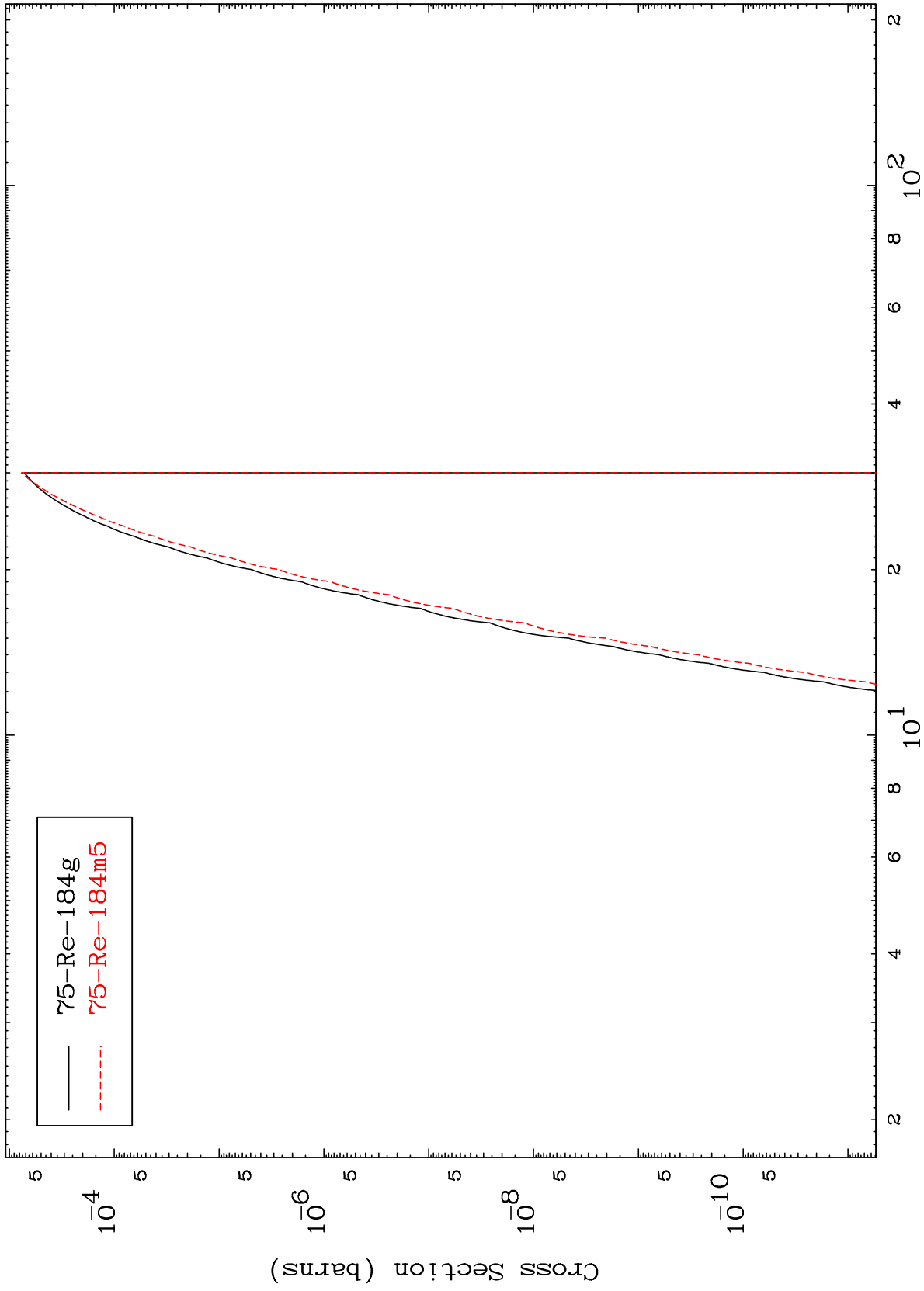
77-Ir-186

MAT 7710

(n, He-3)

77-Ir-186

Radionuclide Production Cross Section



64

Incident Energy (MeV)

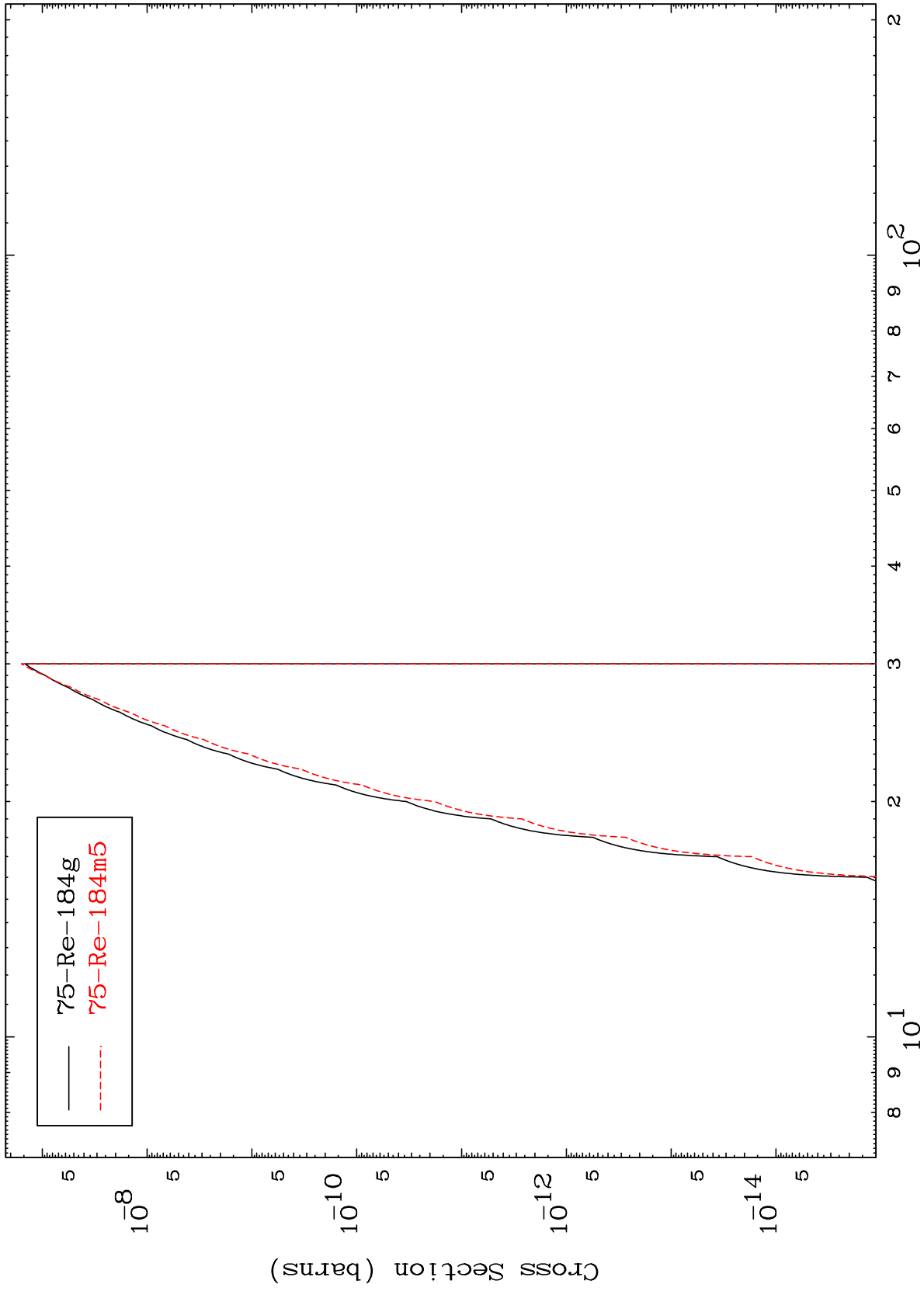
77-Ir-186

MAT 7710

(n,p) d

77-Ir-186

Radionuclide Production Cross Section



65

Incident Energy (MeV)

77-Ir-186