

Program EVALPLOT
(Version 2018-1)

by

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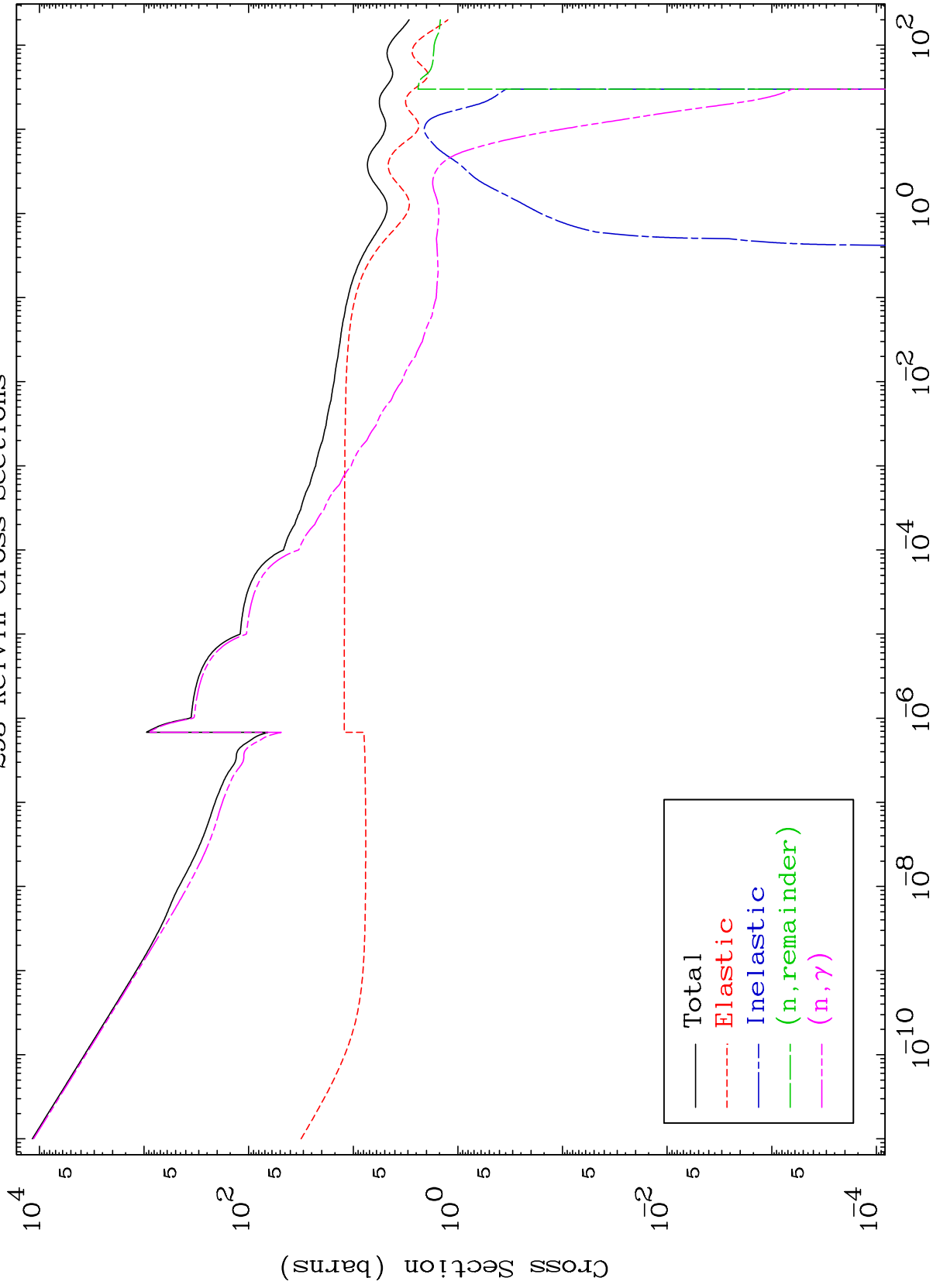
Press Mouse Button to Start

MAT 8510

Major

293 Kelvin Cross Sections

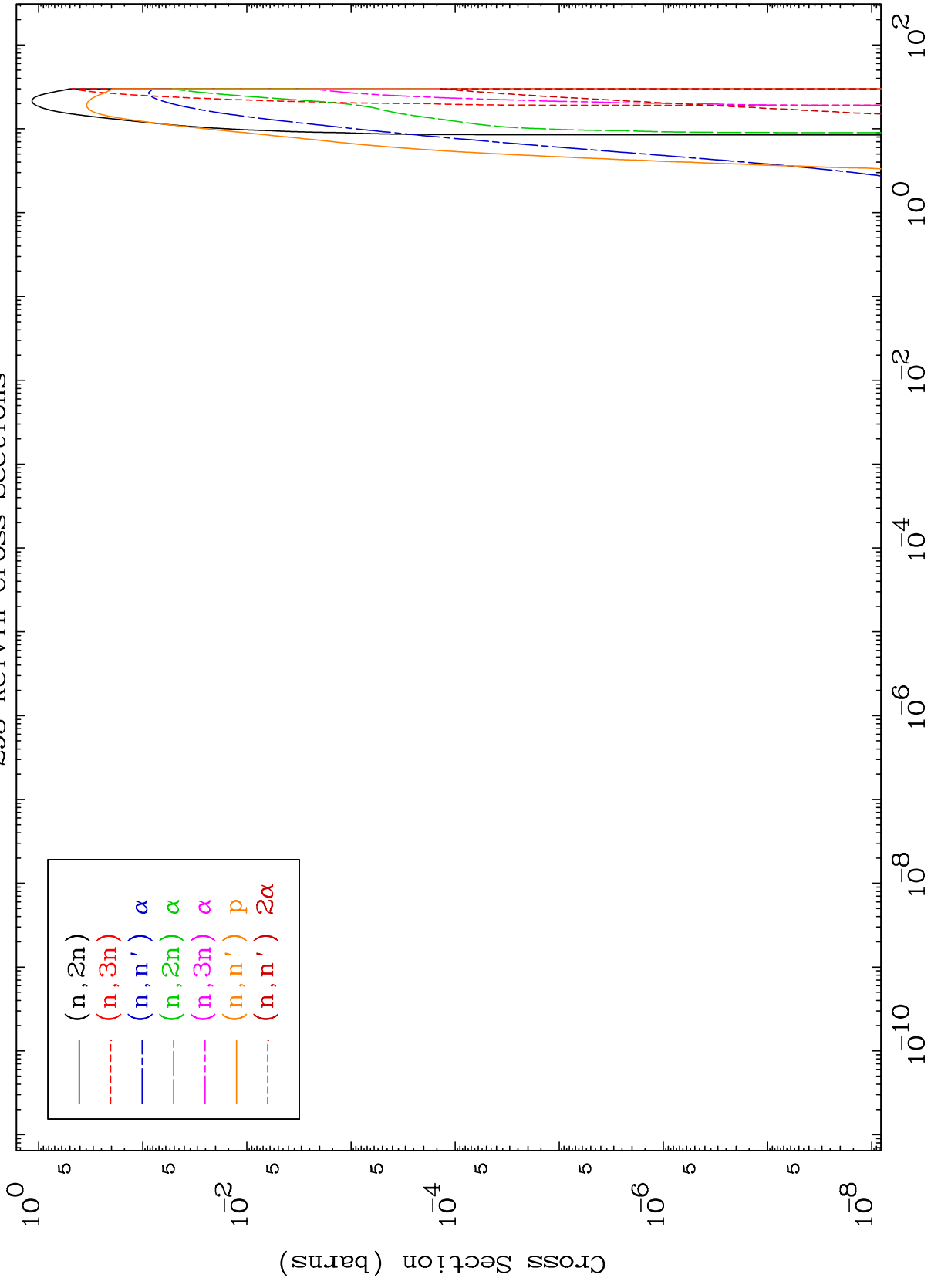
85-At-198



MAT 8510

Neutron Production
293 Kelvin Cross Sections

85-At-198

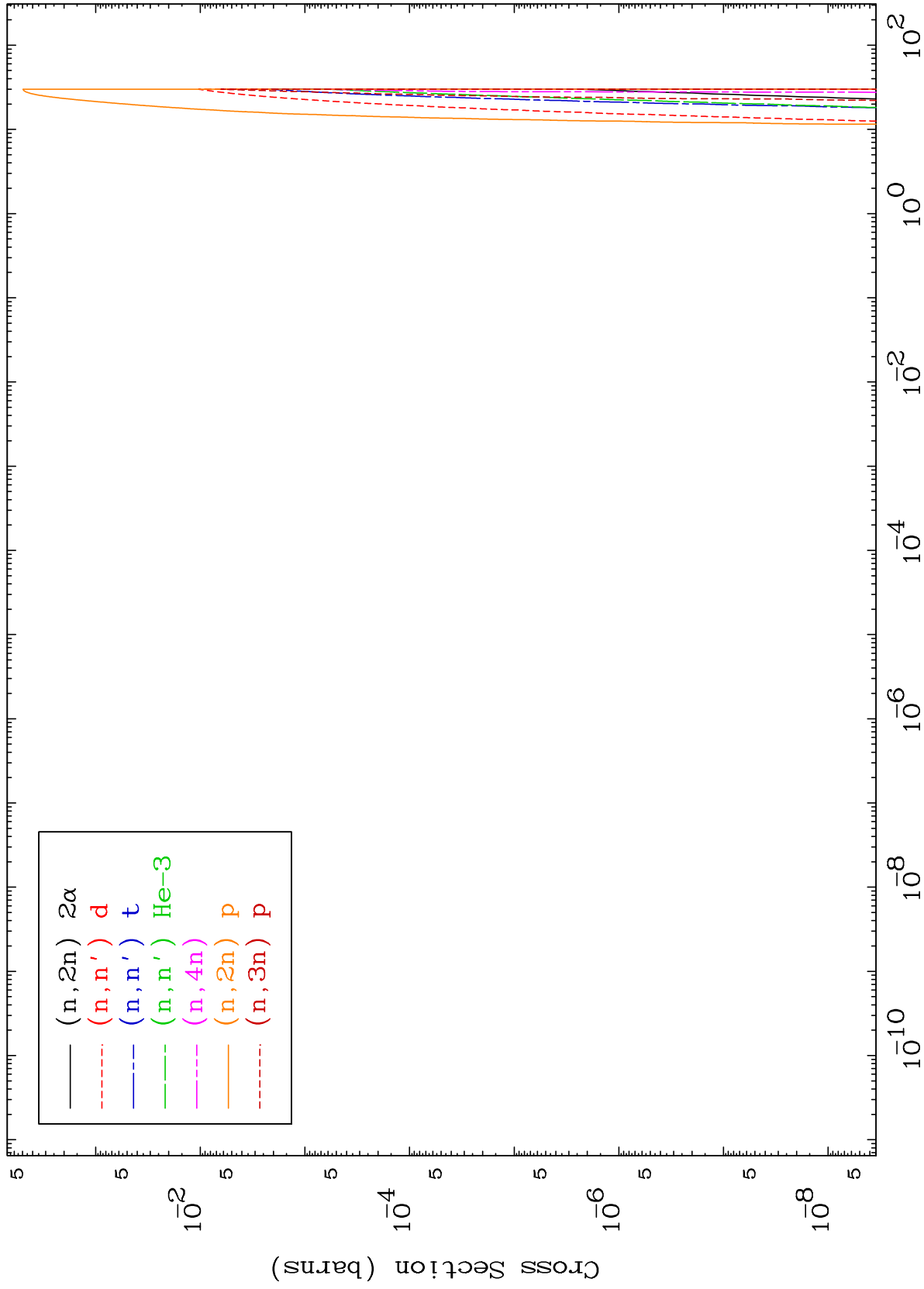


85-At-198

MAT 8510

Neutron Production
293 Kelvin Cross Sections

85-At-198



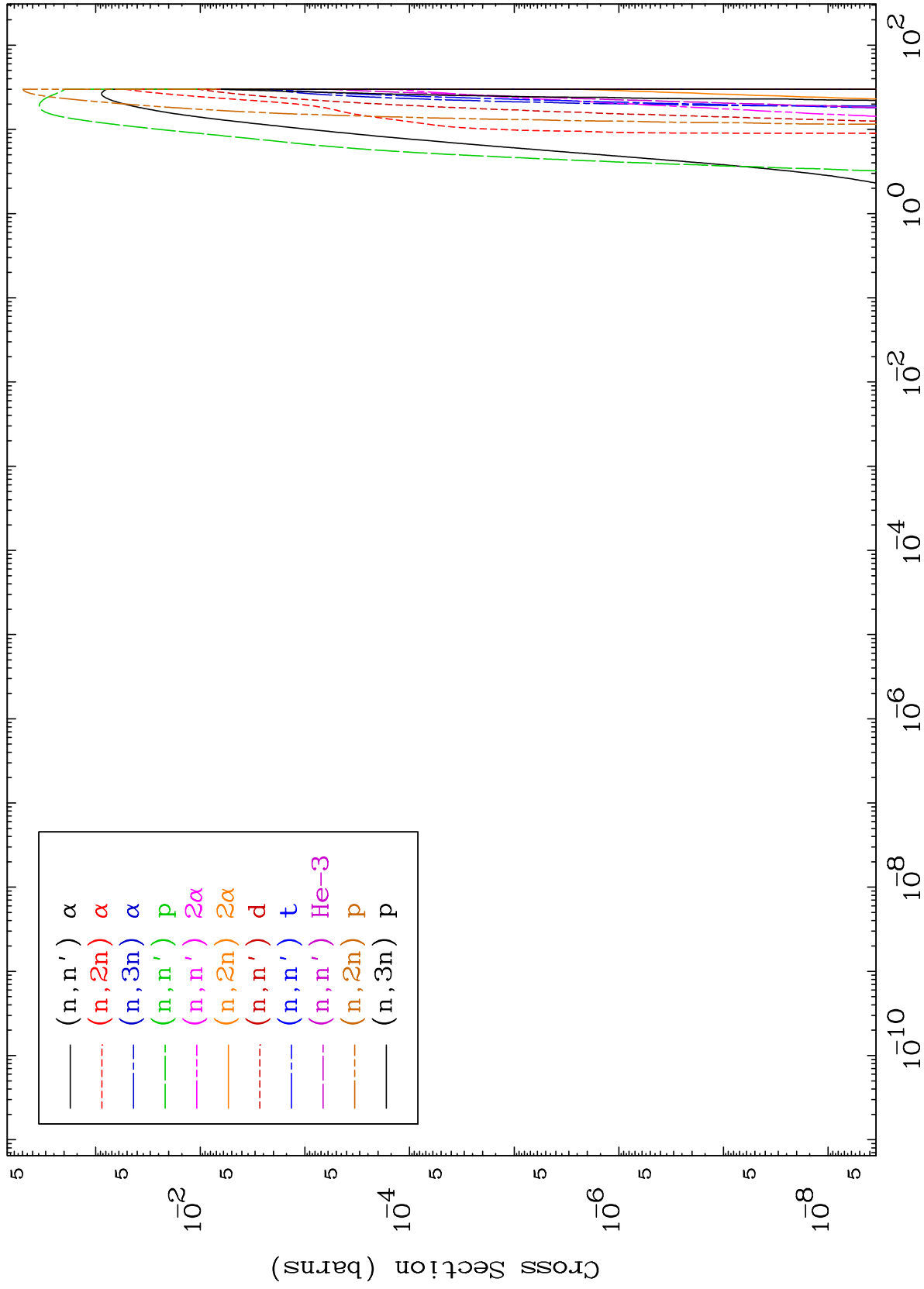
3

85-At-198

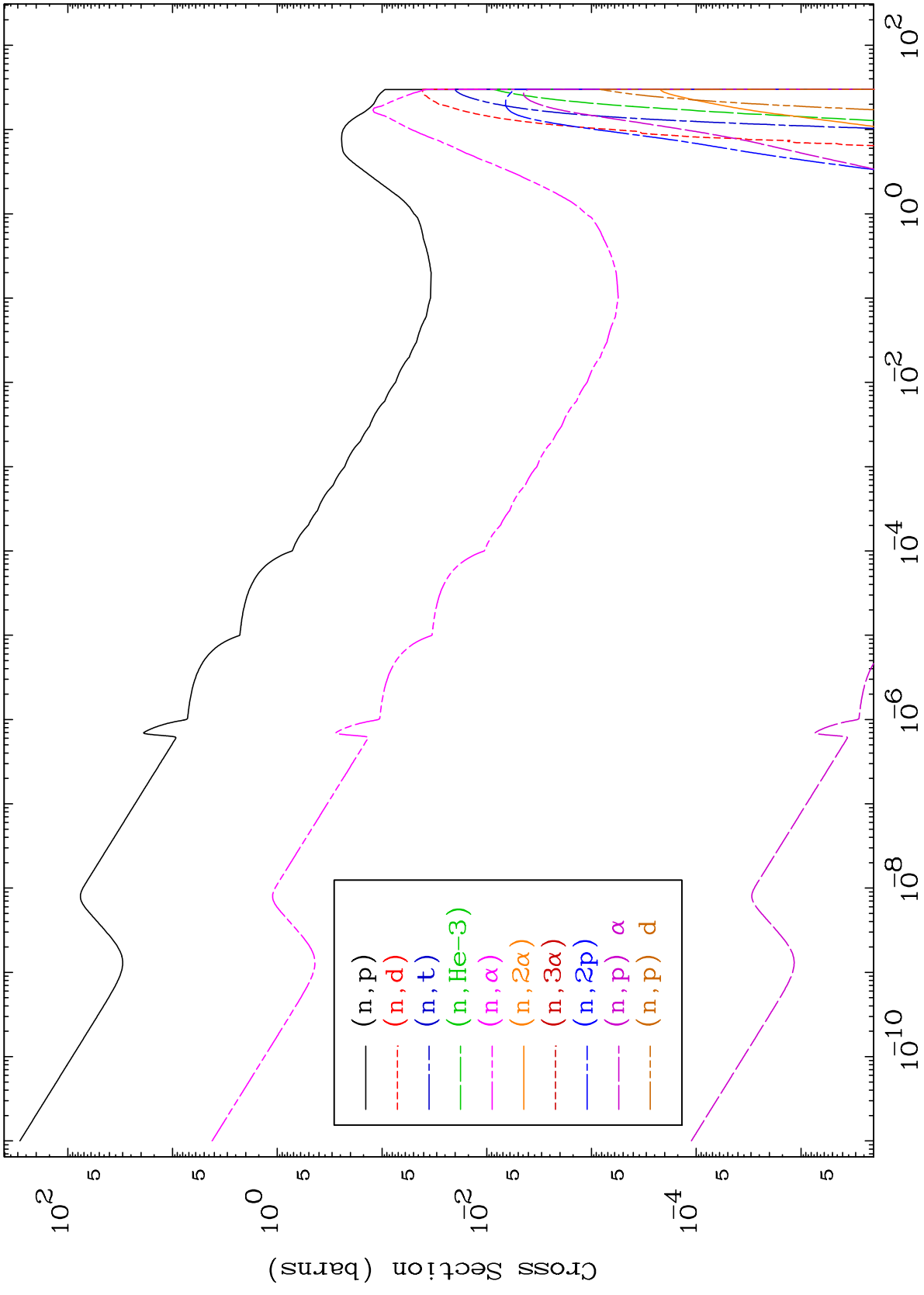
MAT 8510

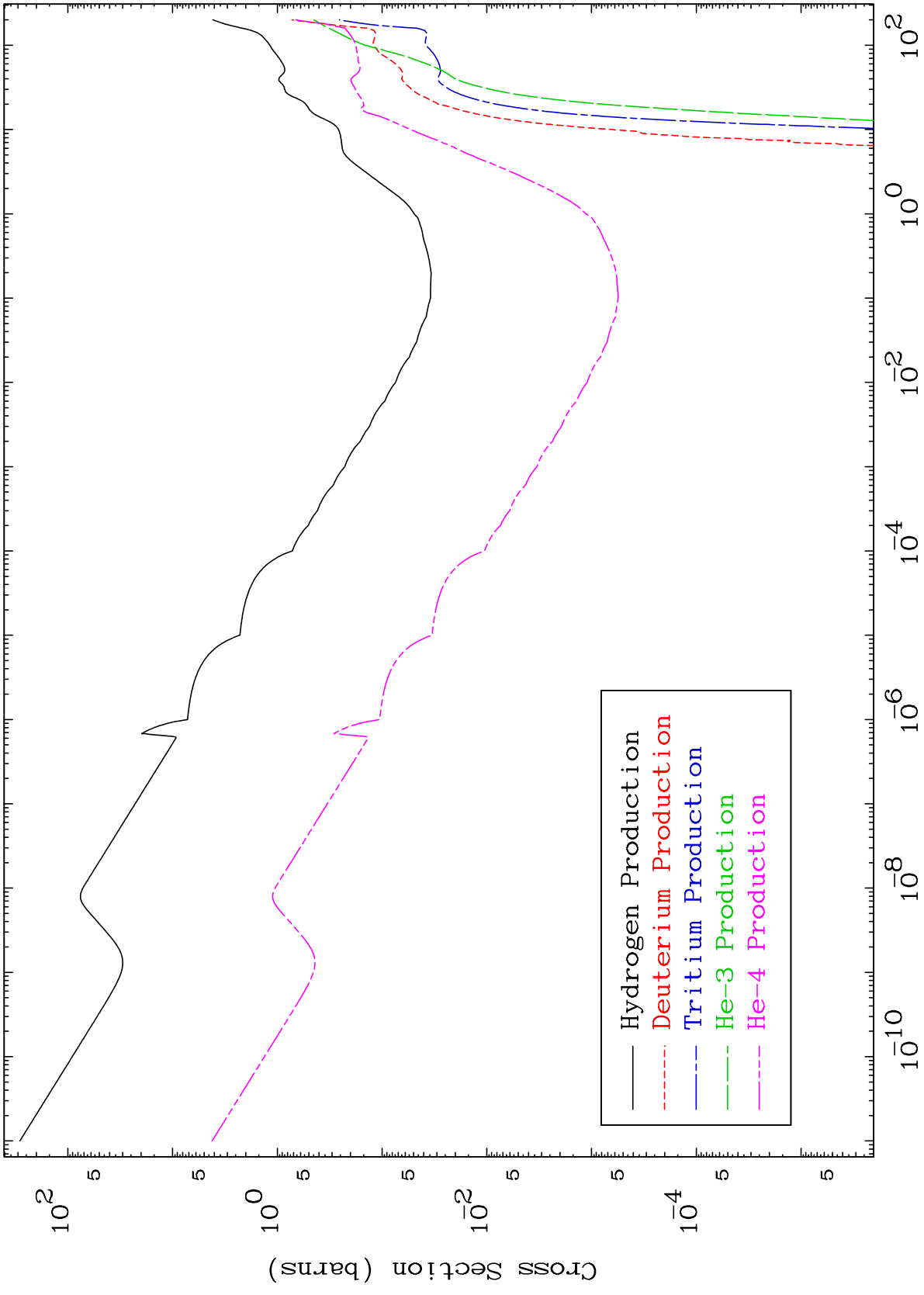
Charged Particle
293 Kelvin Cross Sections

85-At-198



85-At-198

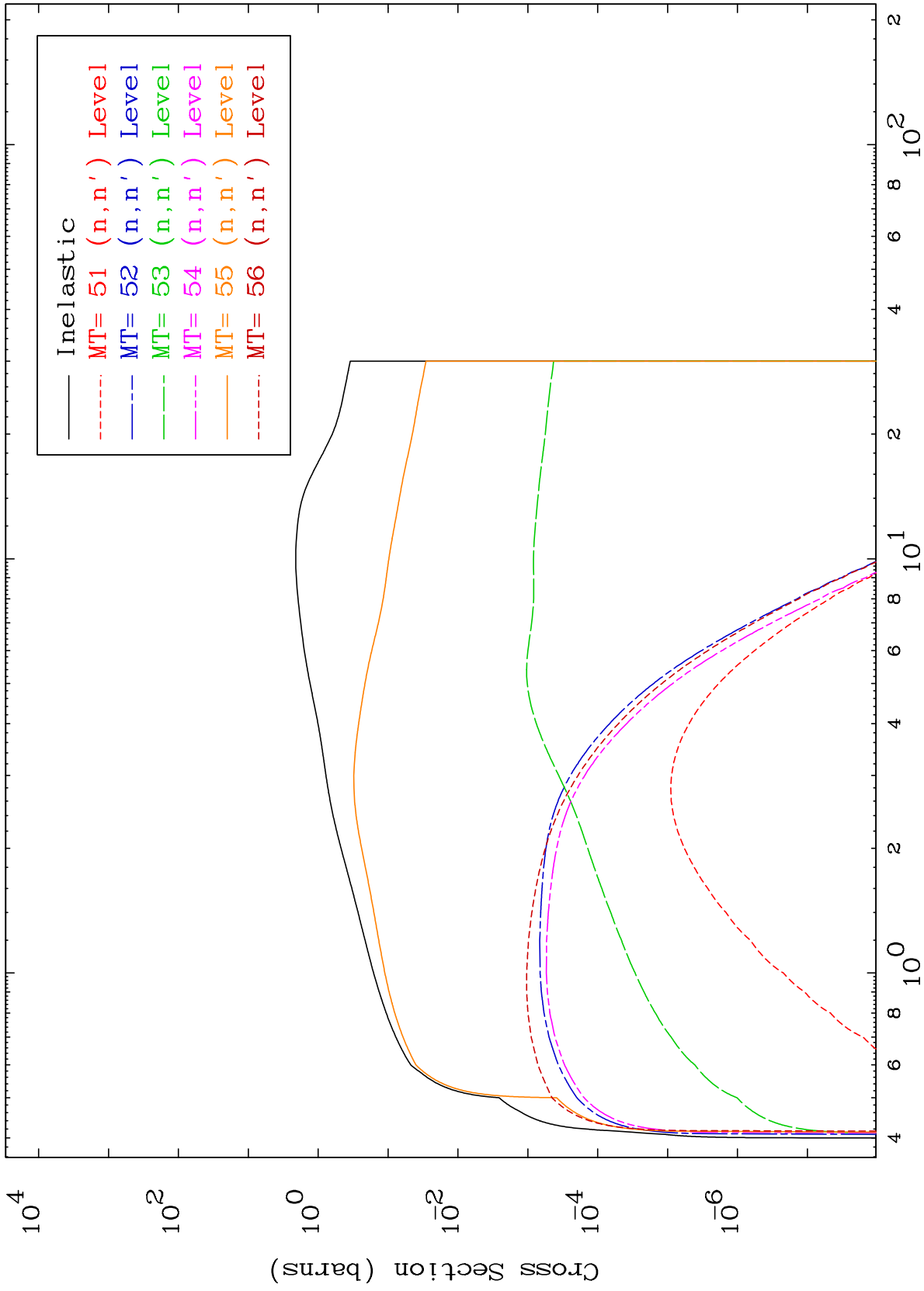




MAT 8510

(n,n') Level
293 Kelvin Cross Sections

85-At-198



7

Incident Energy (MeV)

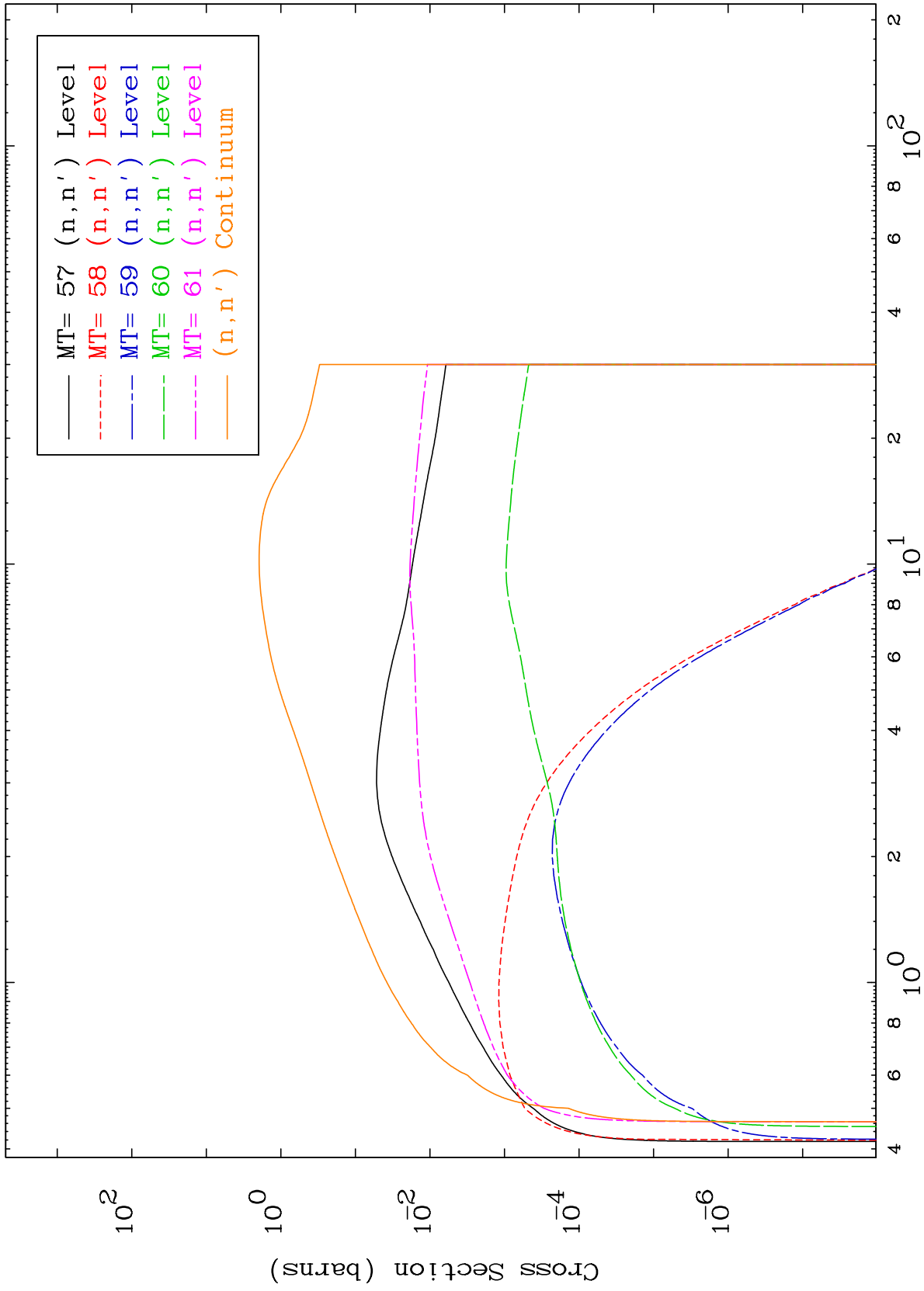
85-At-198

MAT 8510

(n,n') Level

85-At-198

293 Kelvin Cross Sections

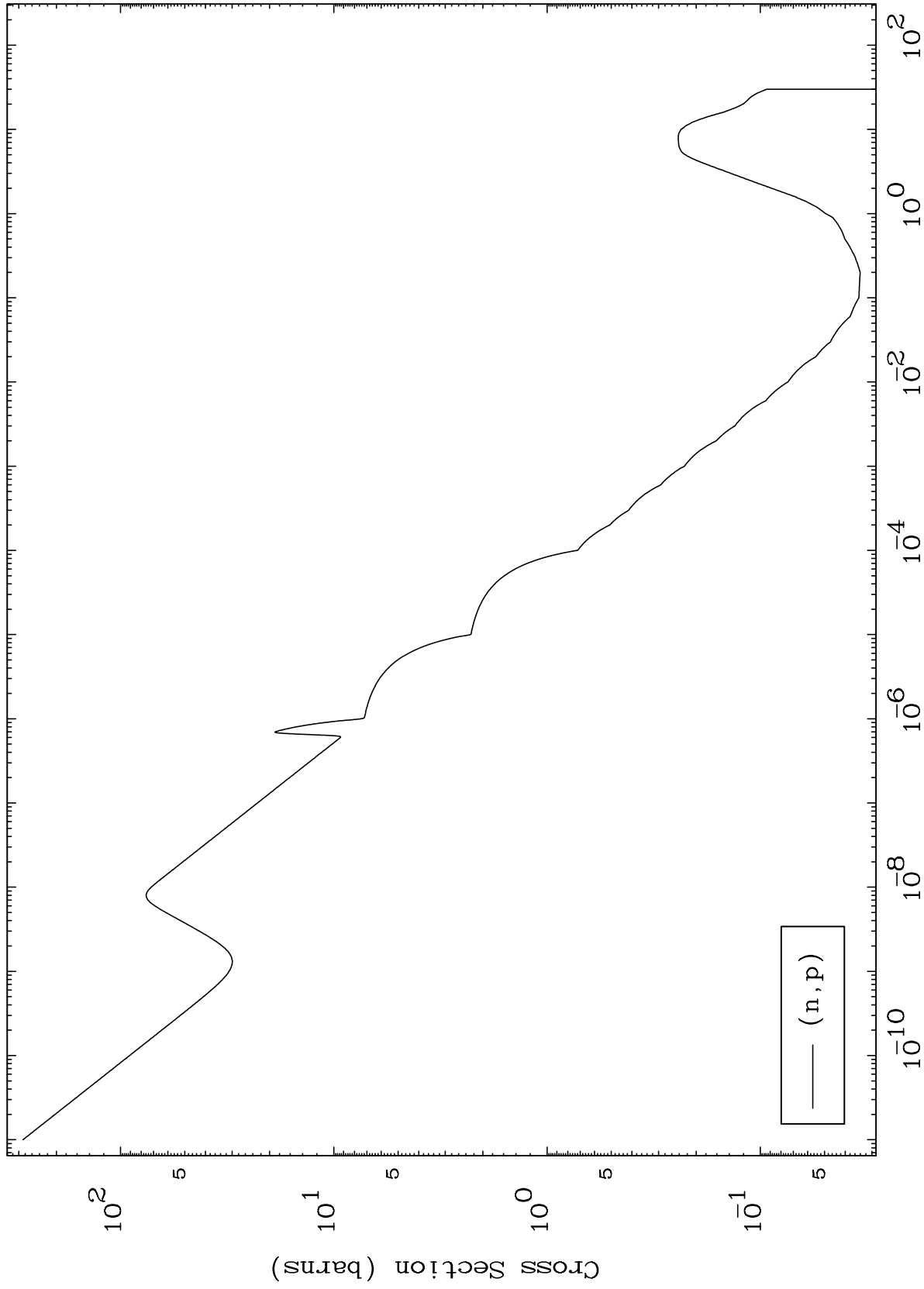


8

MAT 8510

(n,p) Levels
293 Kelvin Cross Sections

85-At-198



9

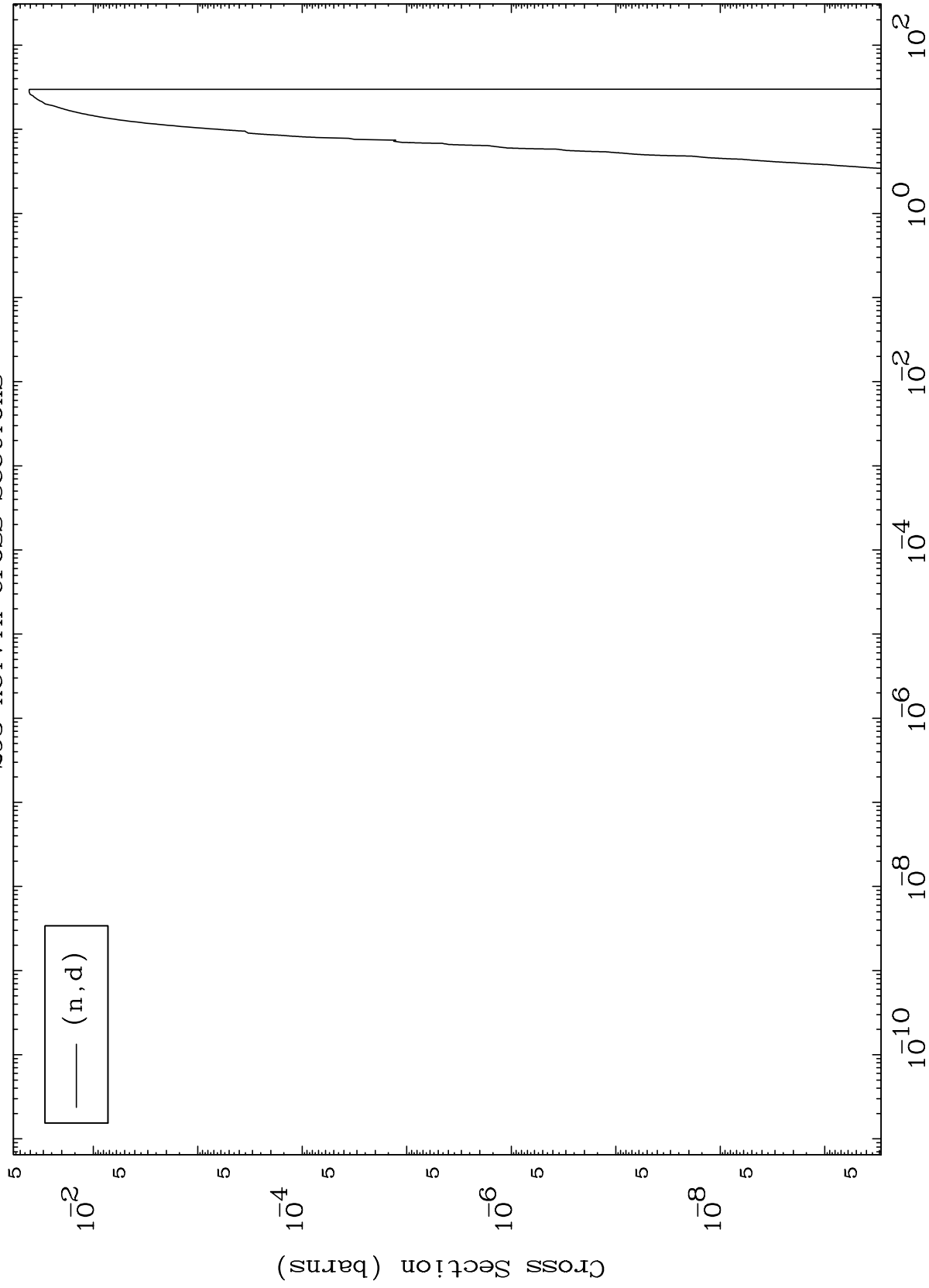
Incident Energy (MeV)

85-At-198

MAT 8510

(n,d) Levels
293 Kelvin Cross Sections

85-At-198



10

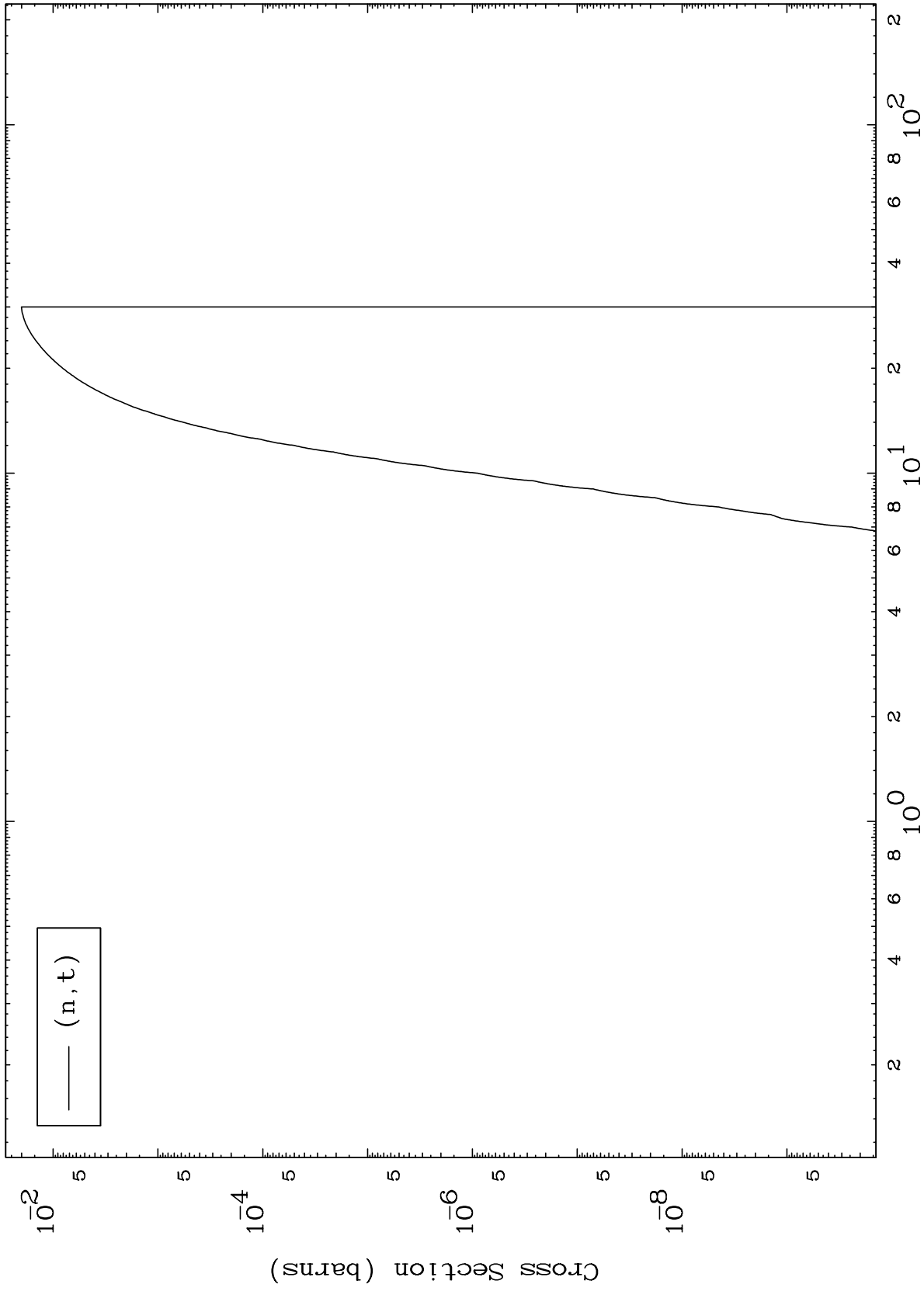
Incident Energy (MeV)

85-At-198

MAT 8510

(n,t) Levels
293 Kelvin Cross Sections

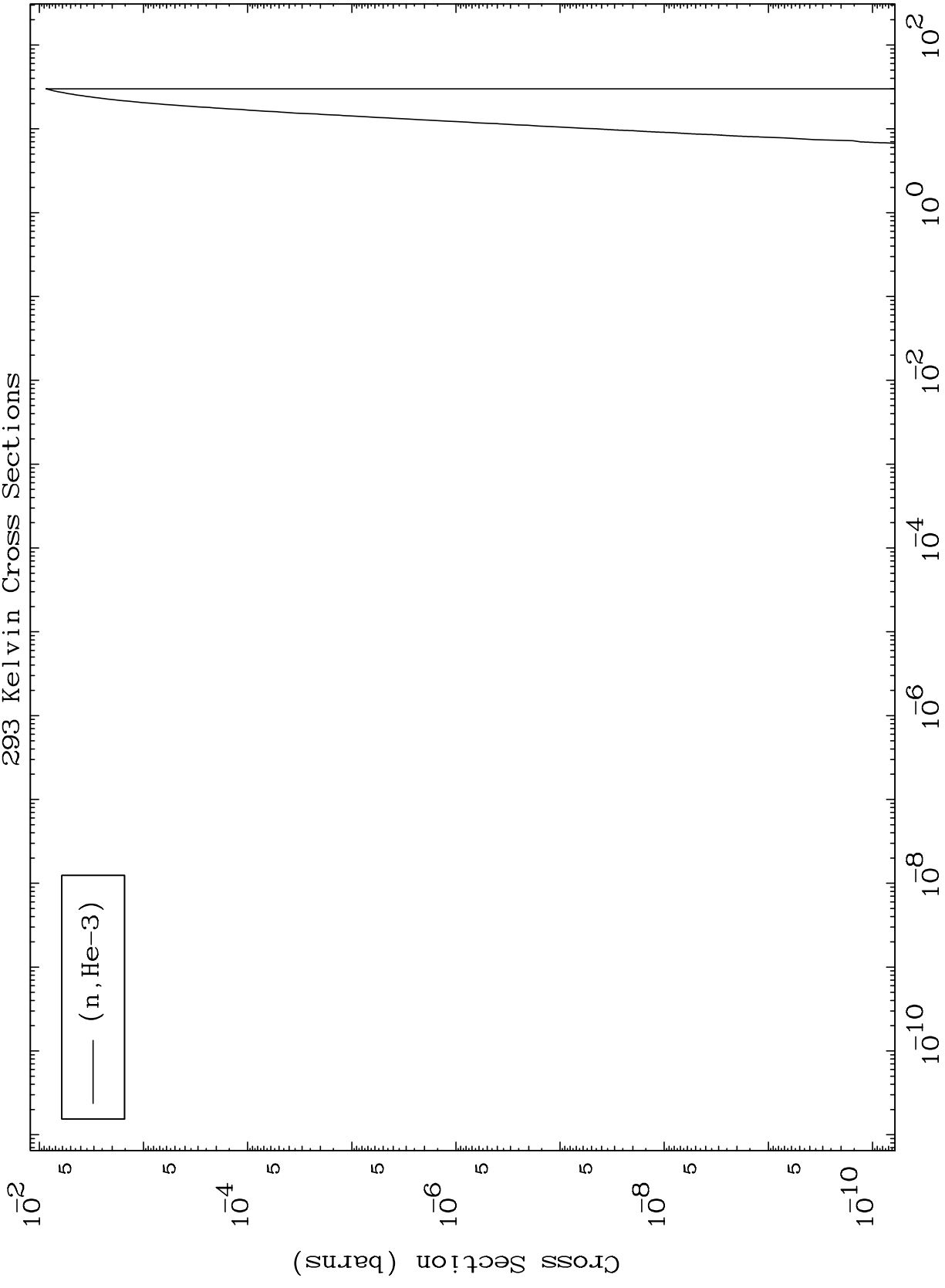
85-At-198



MAT 8510

(n,He3) Levels
293 Kelvin Cross Sections

85-At-198



12

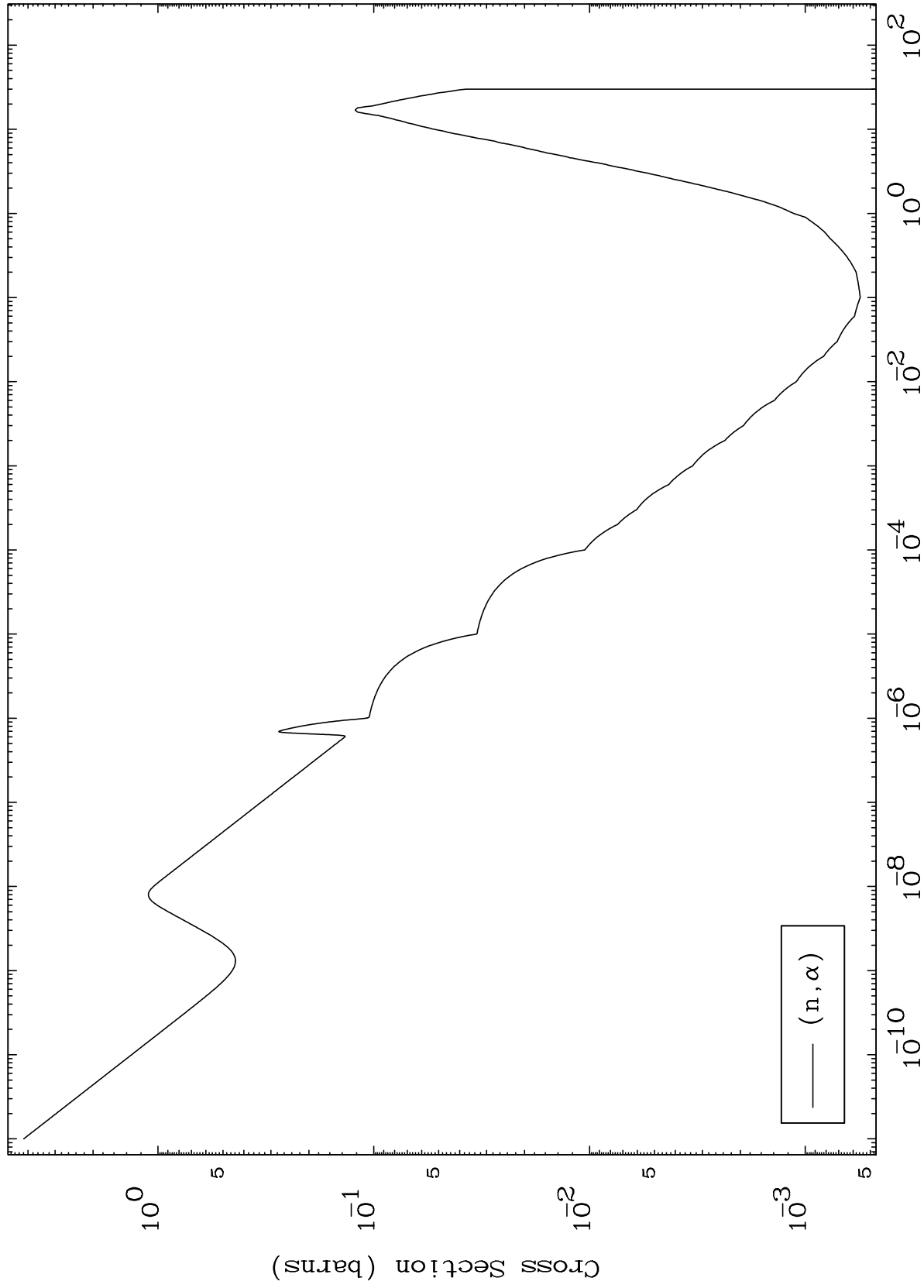
Incident Energy (MeV)

85-At-198

MAT 8510

(n,α) Levels
293 Kelvin Cross Sections

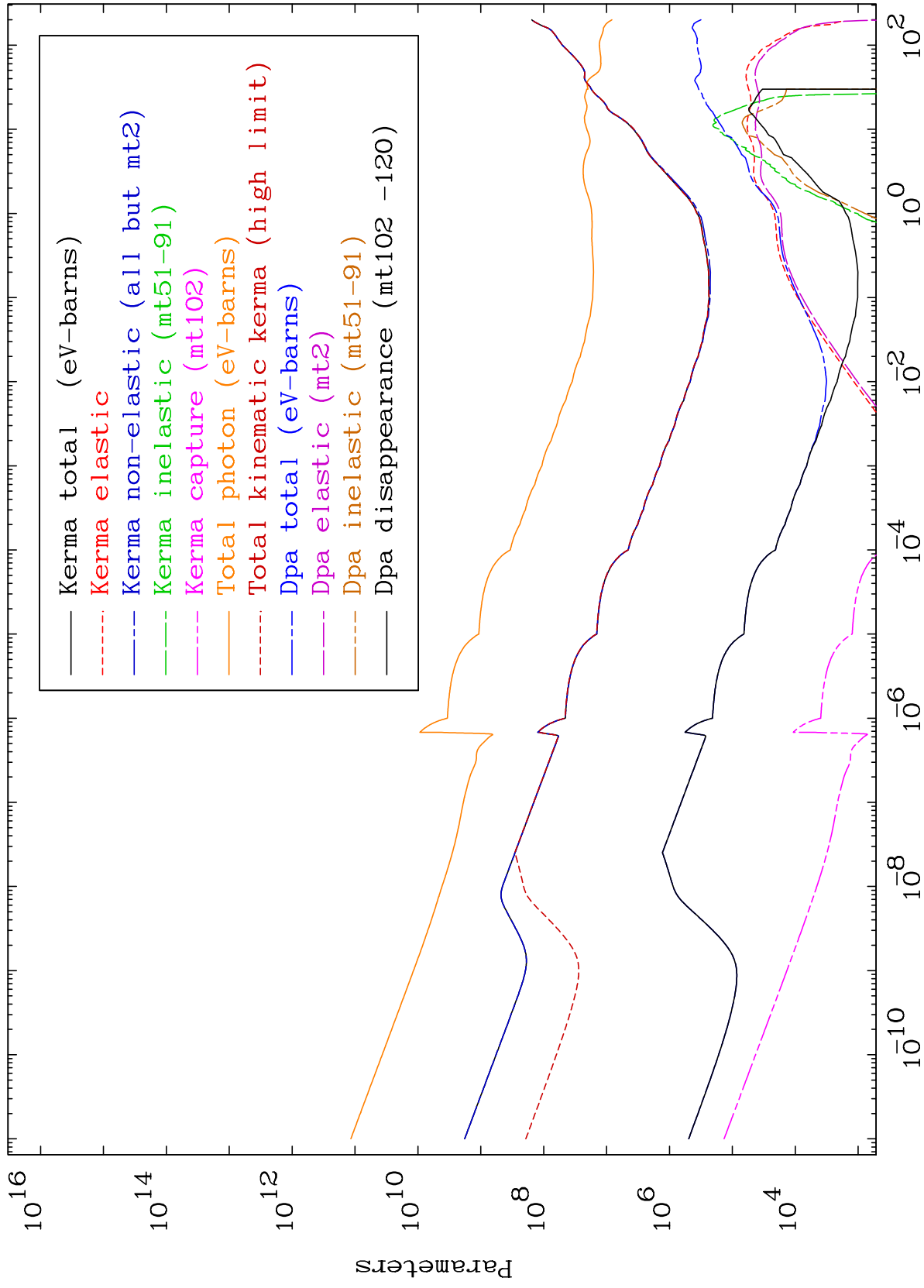
85-At-198

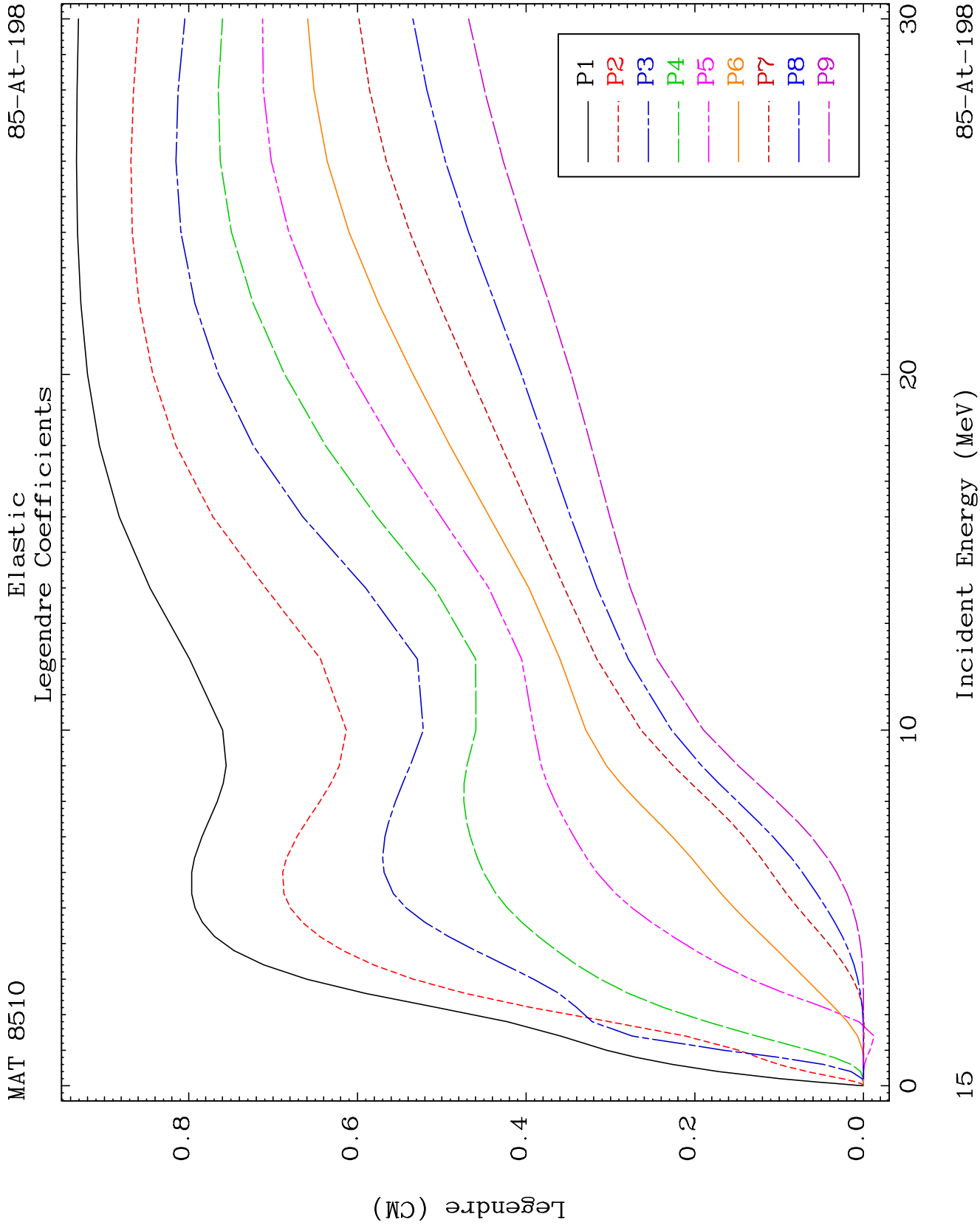


13

Incident Energy (MeV)

85-At-198

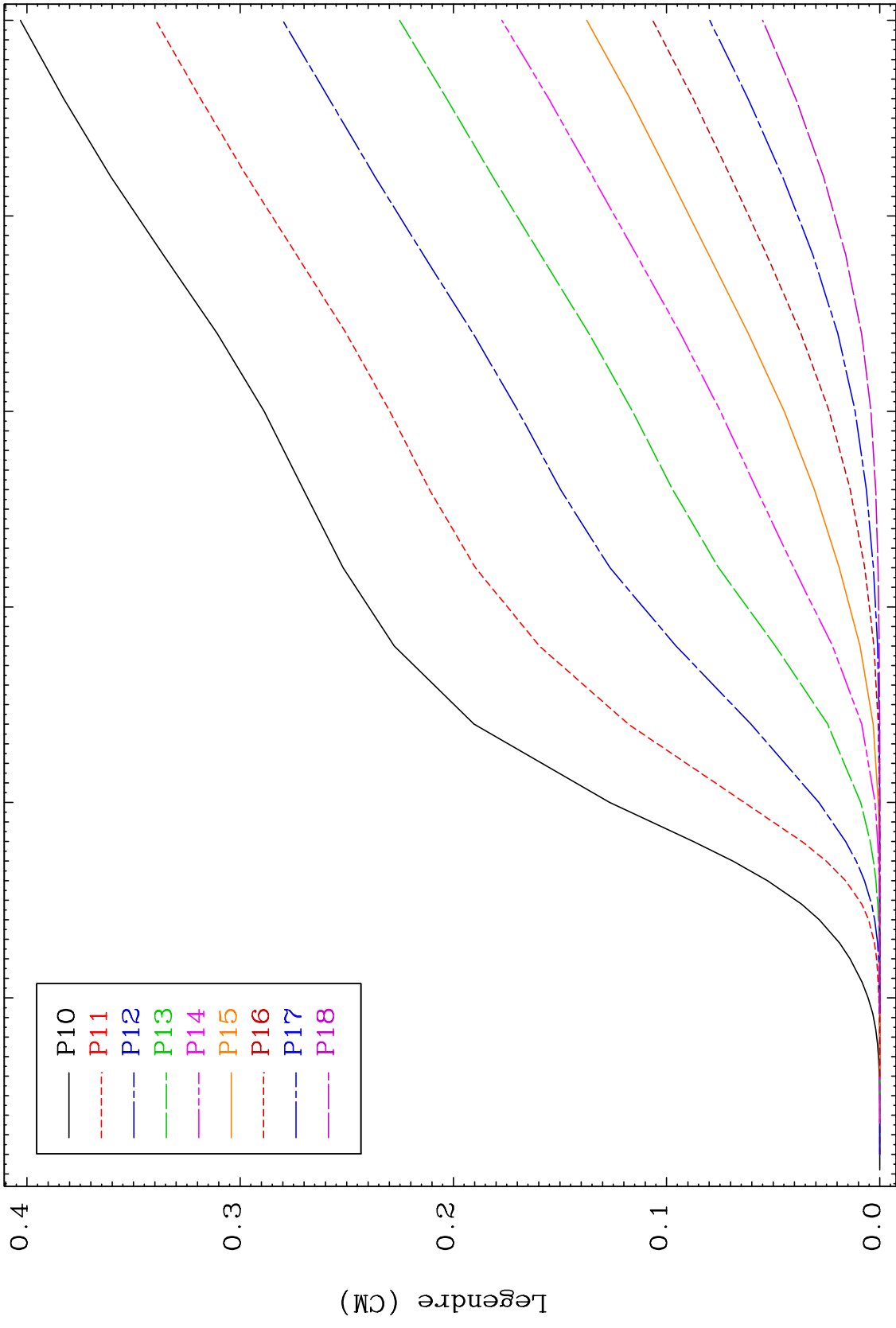




MAT 8510

Elastic Legendre Coefficients

85-At-198



16

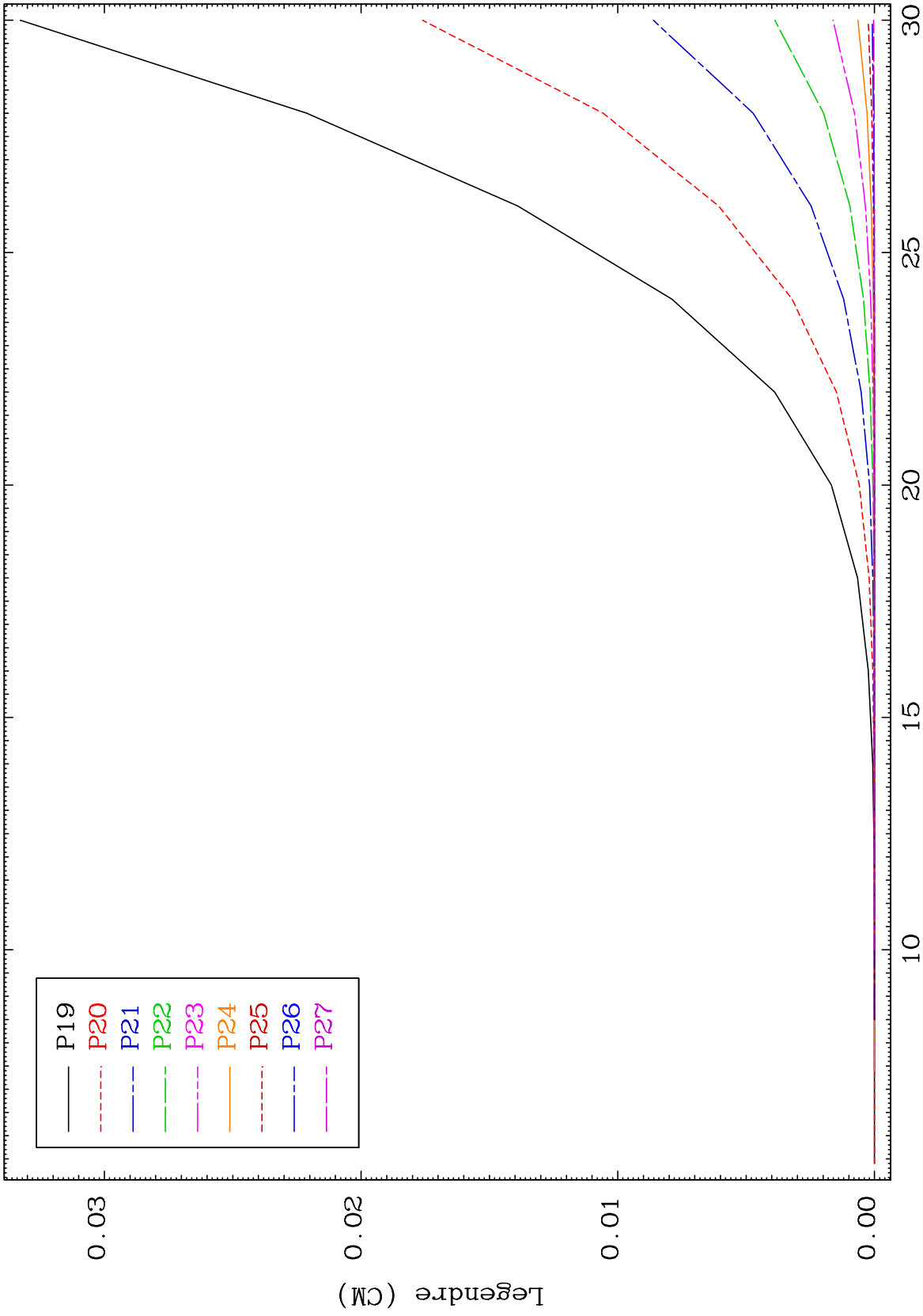
Incident Energy (MeV)

85-At-198

MAT 8510

Elastic Legendre Coefficients

85-At-198



17

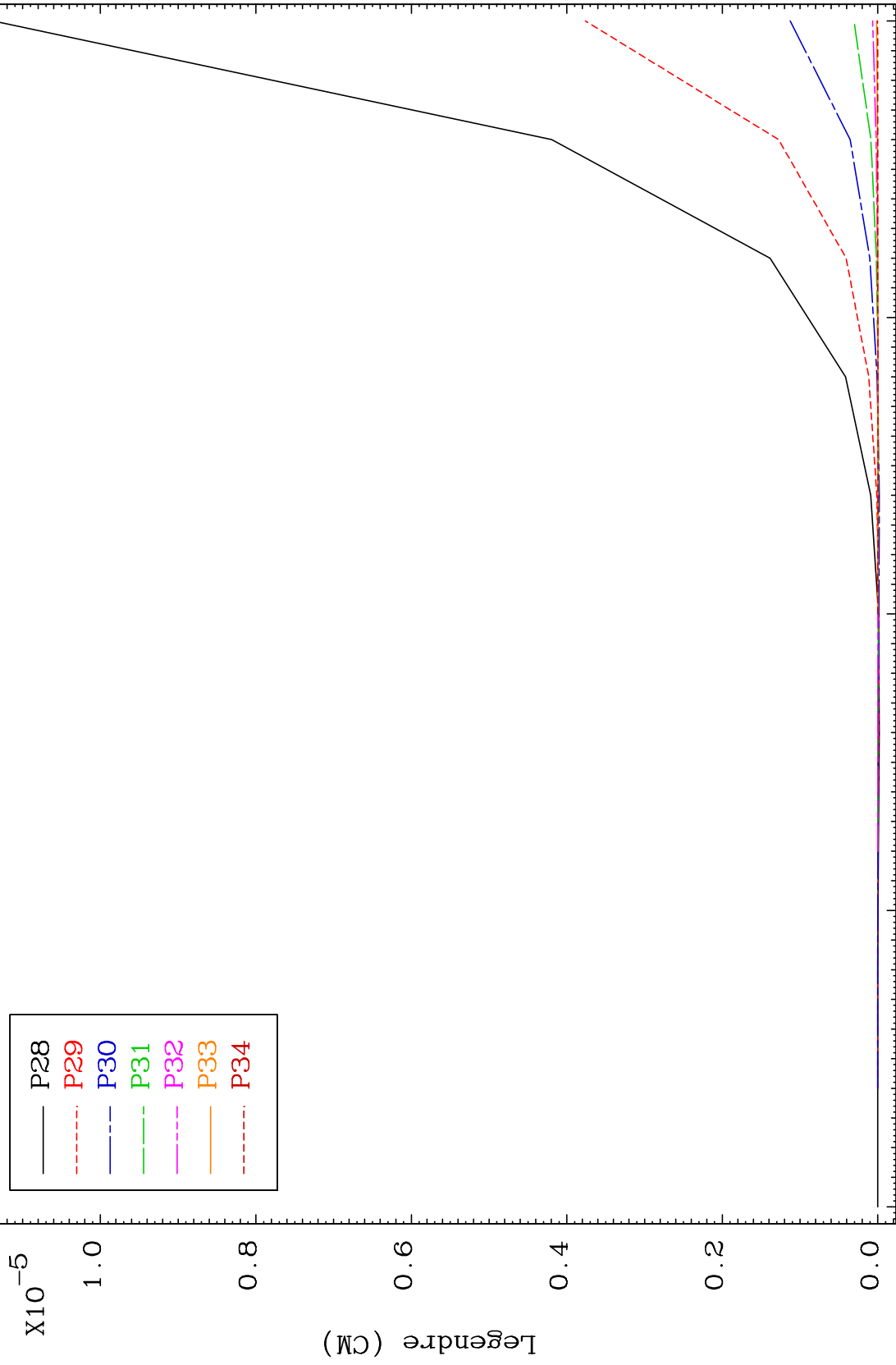
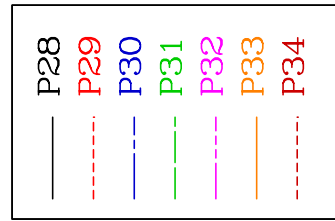
Incident Energy (MeV)

85-At-198

MAT 8510

Elastic Legendre Coefficients

85-At-198



18

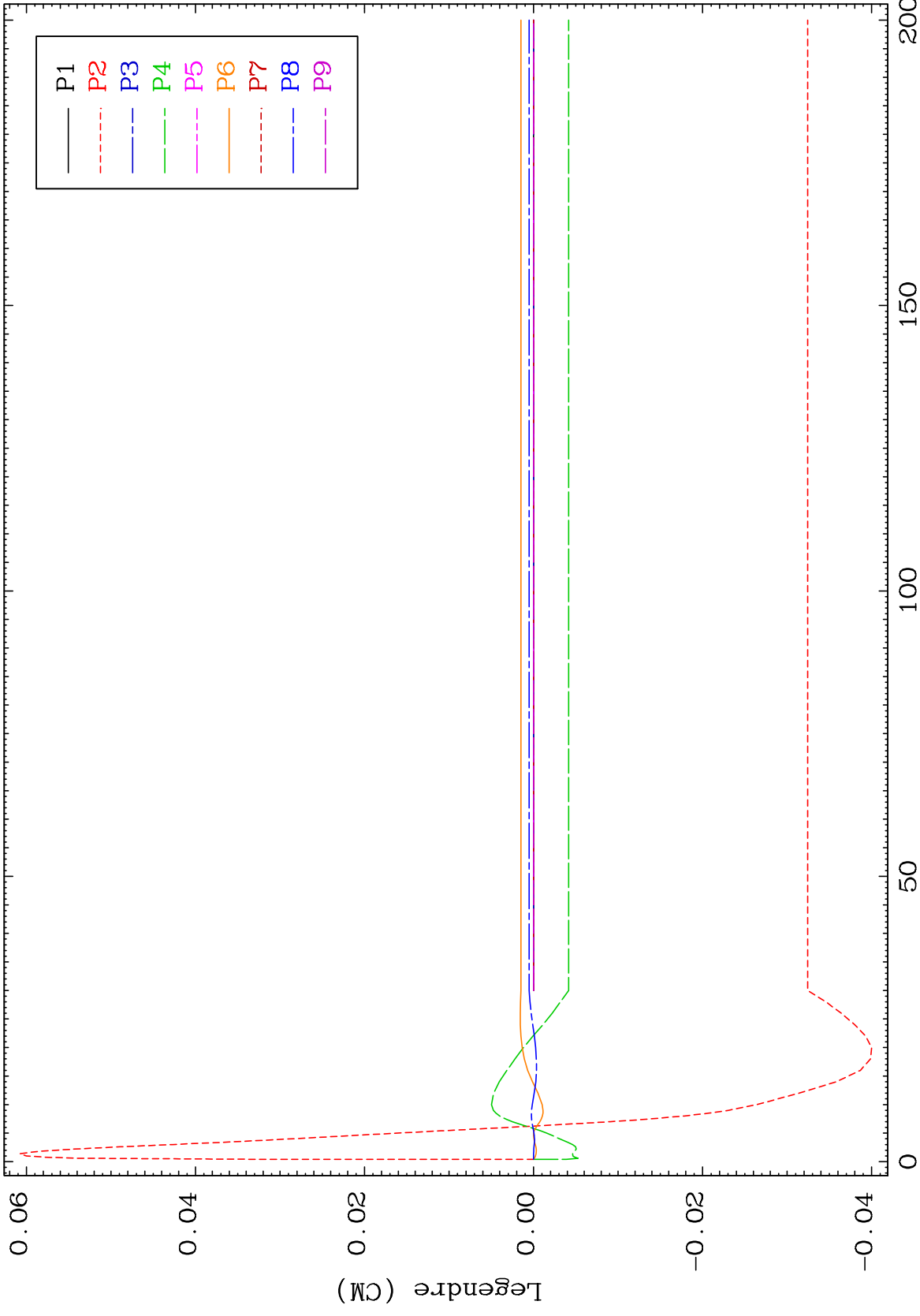
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



19

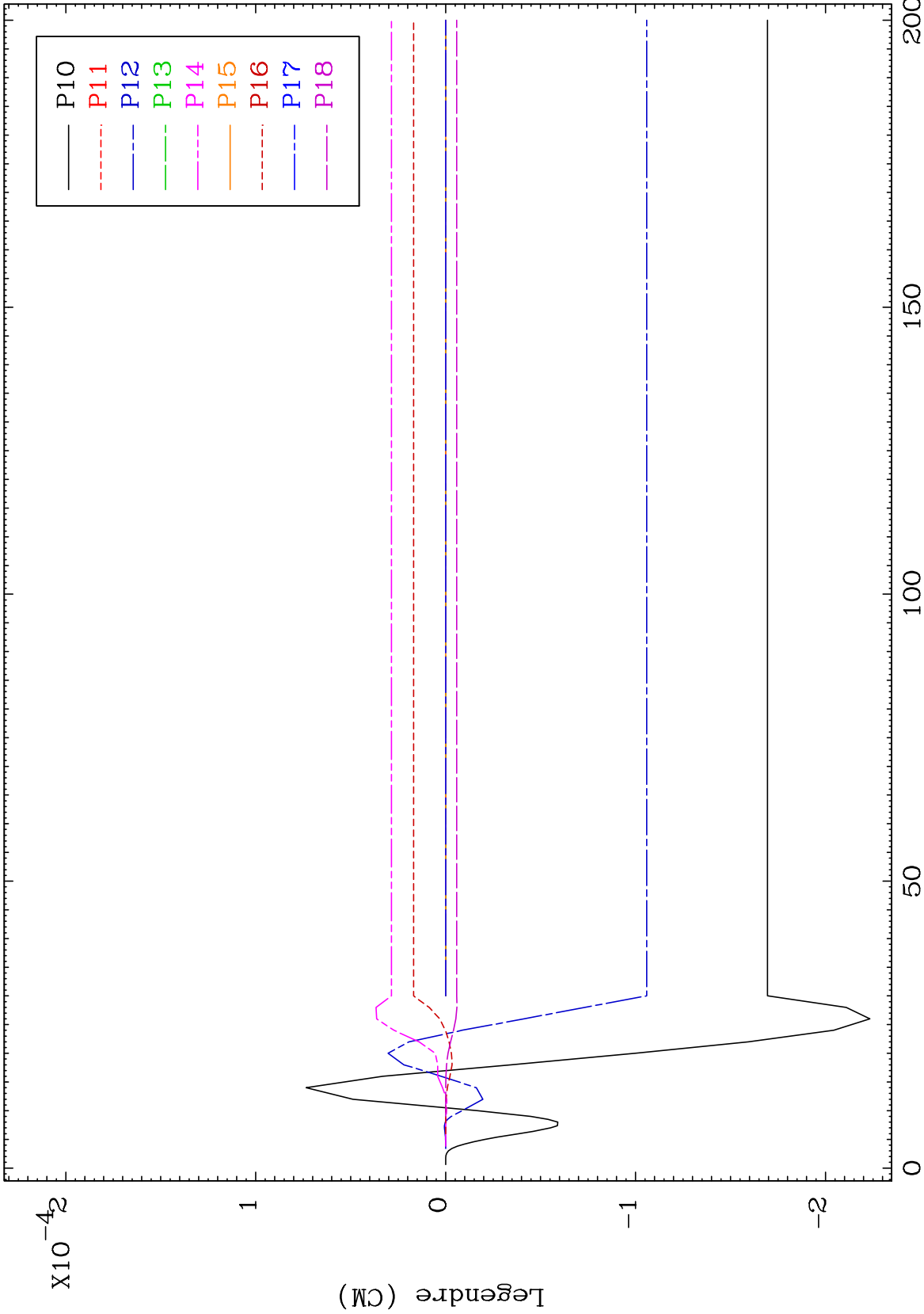
Incident Energy (MeV)

85-At-198

MAT 8510

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

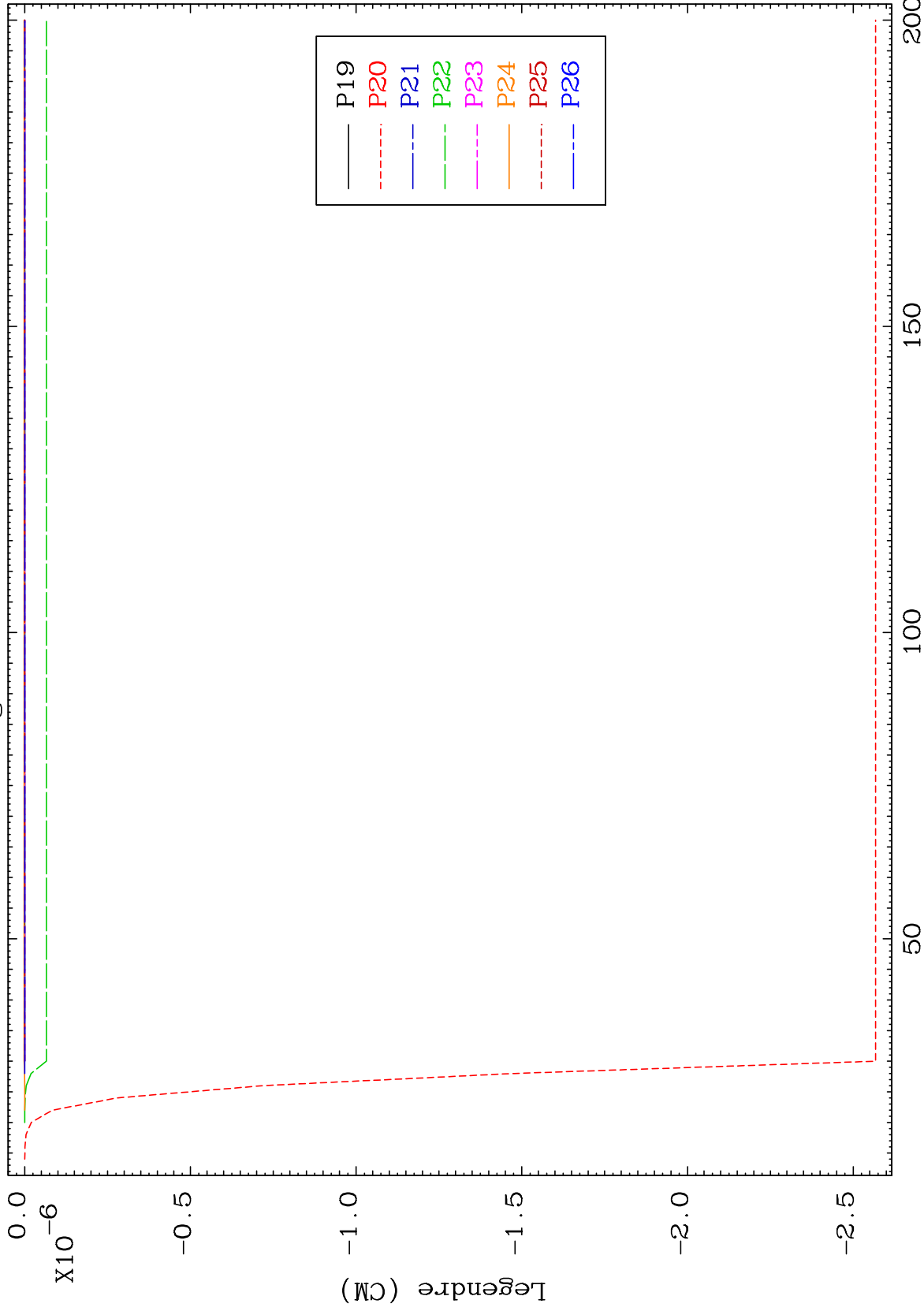
85-At-198



20

Incident Energy (MeV)

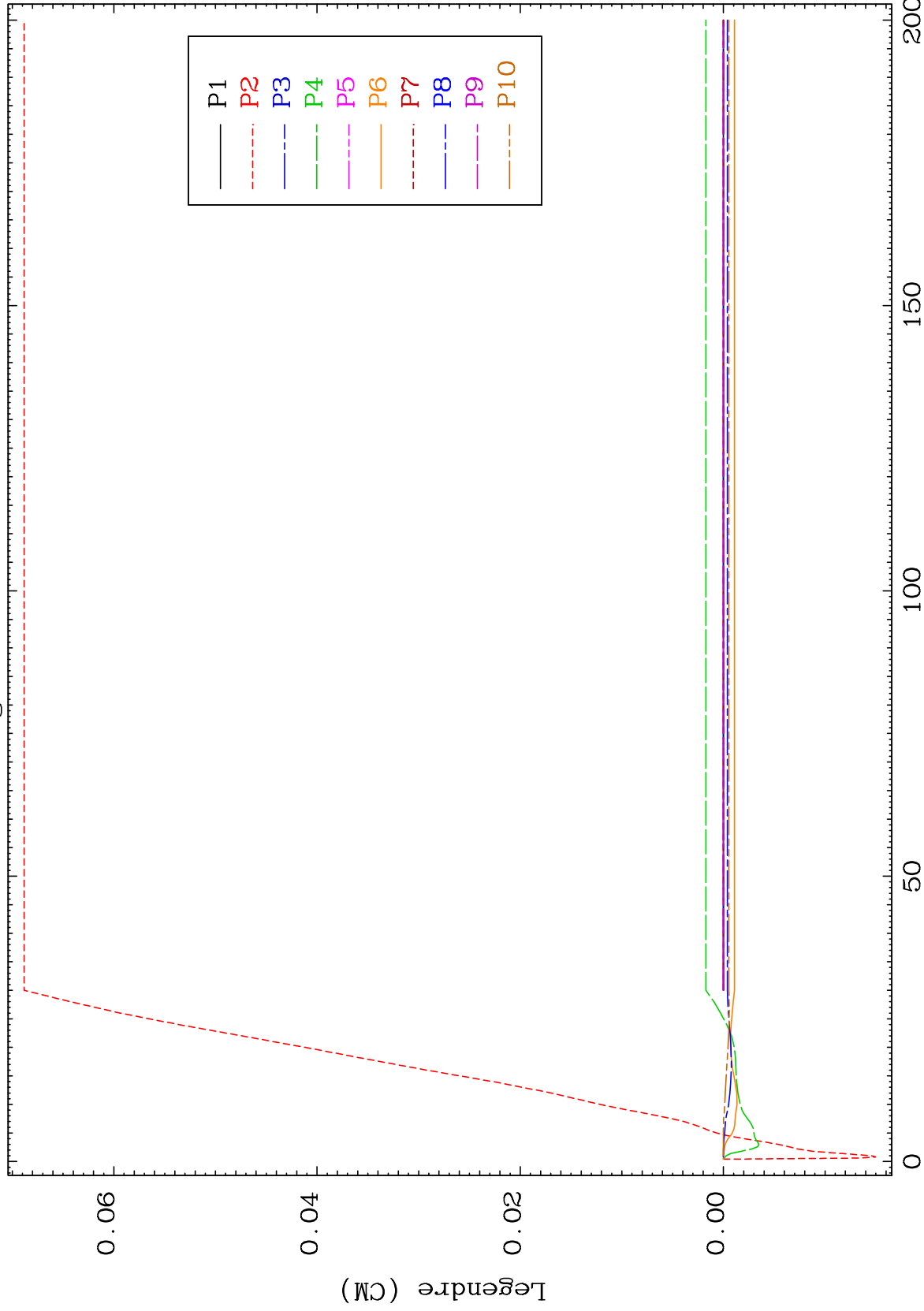
85-At-198



MAT 8510

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

85-At-198



22

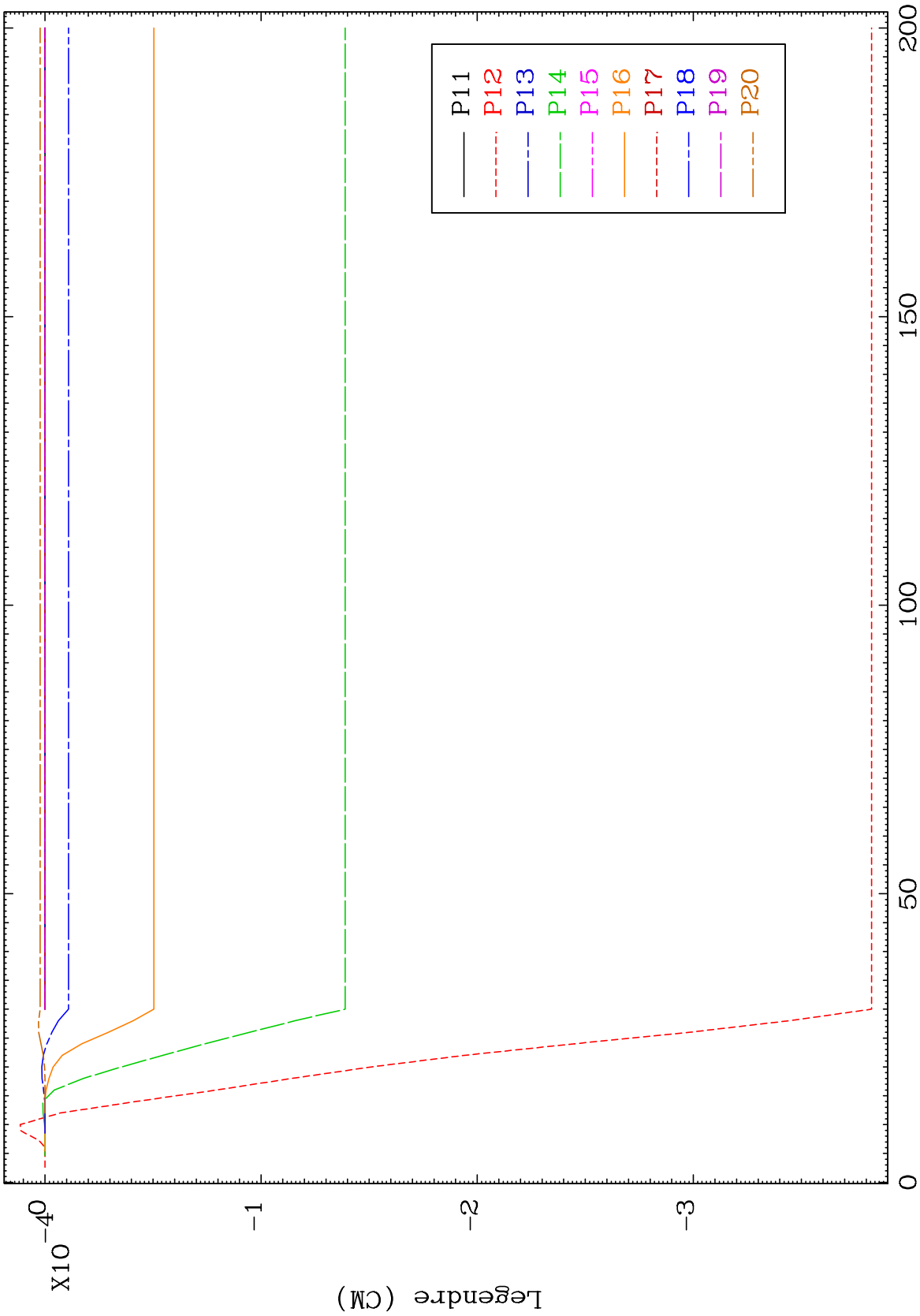
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198

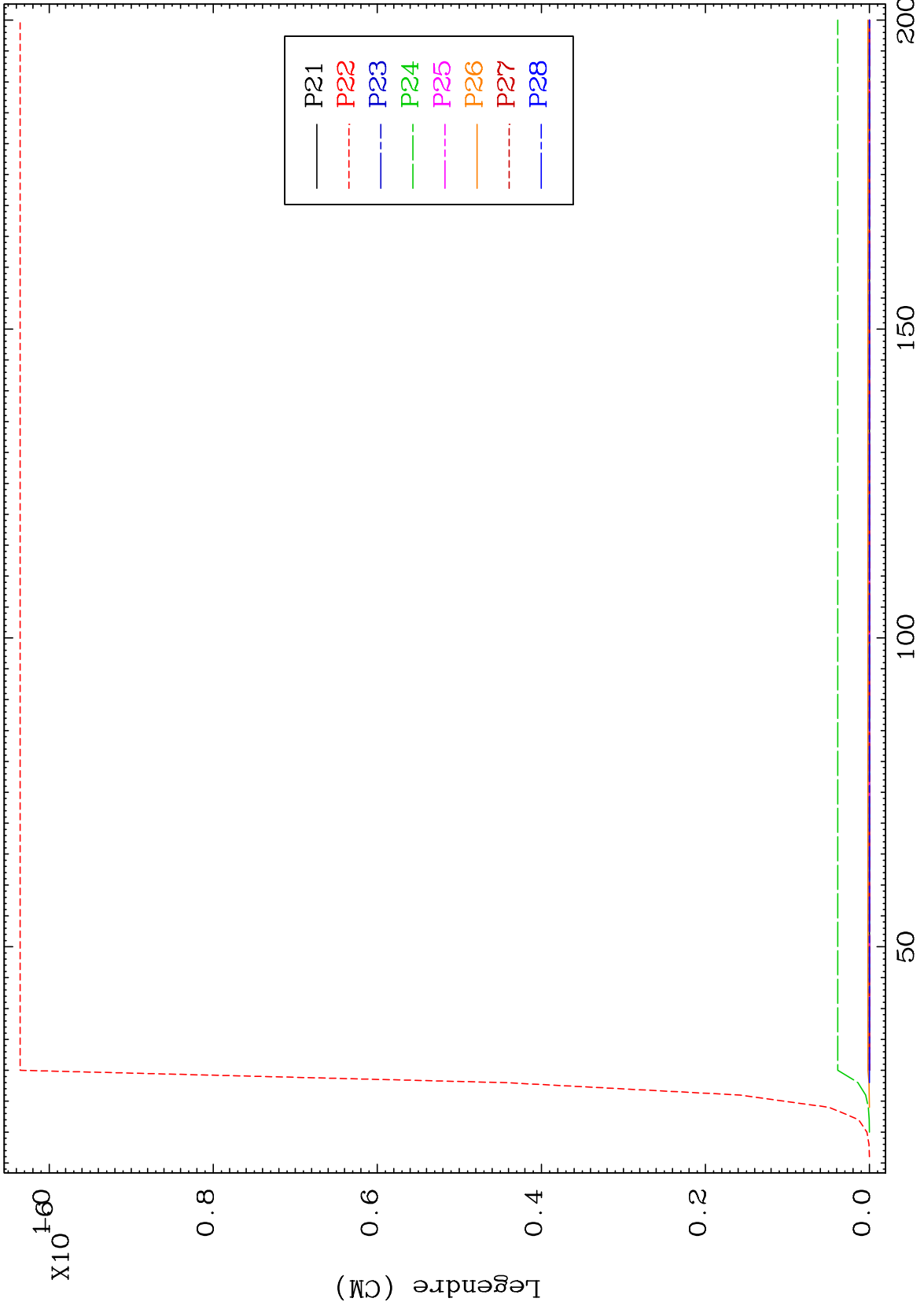


23

Incident Energy (MeV)

85-At-198

MAT 8510 MT= 52 (n,n') Level Legendre Coefficients 85-At-198

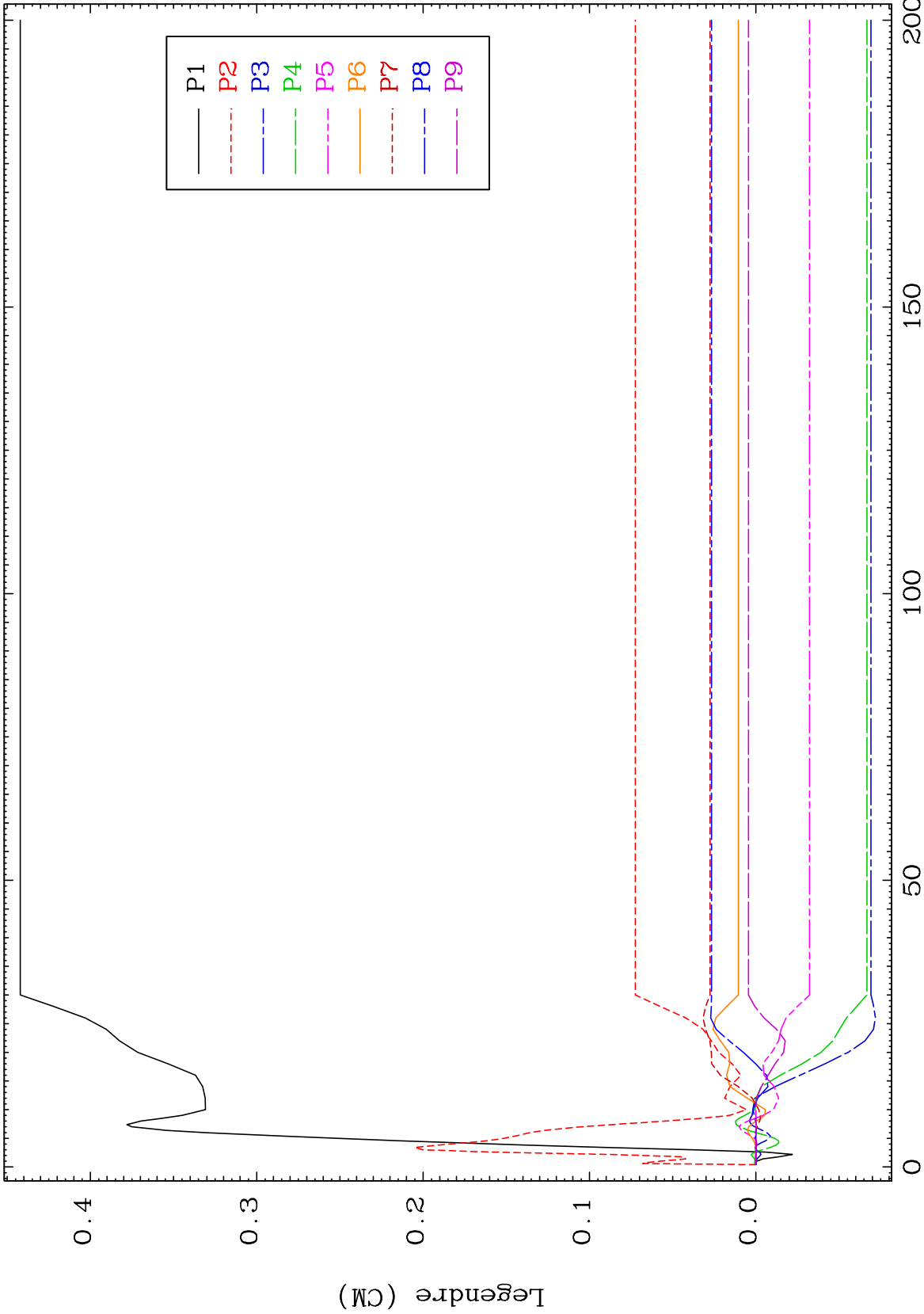


24 85-At-198

MAT 8510

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

85-At-198



25

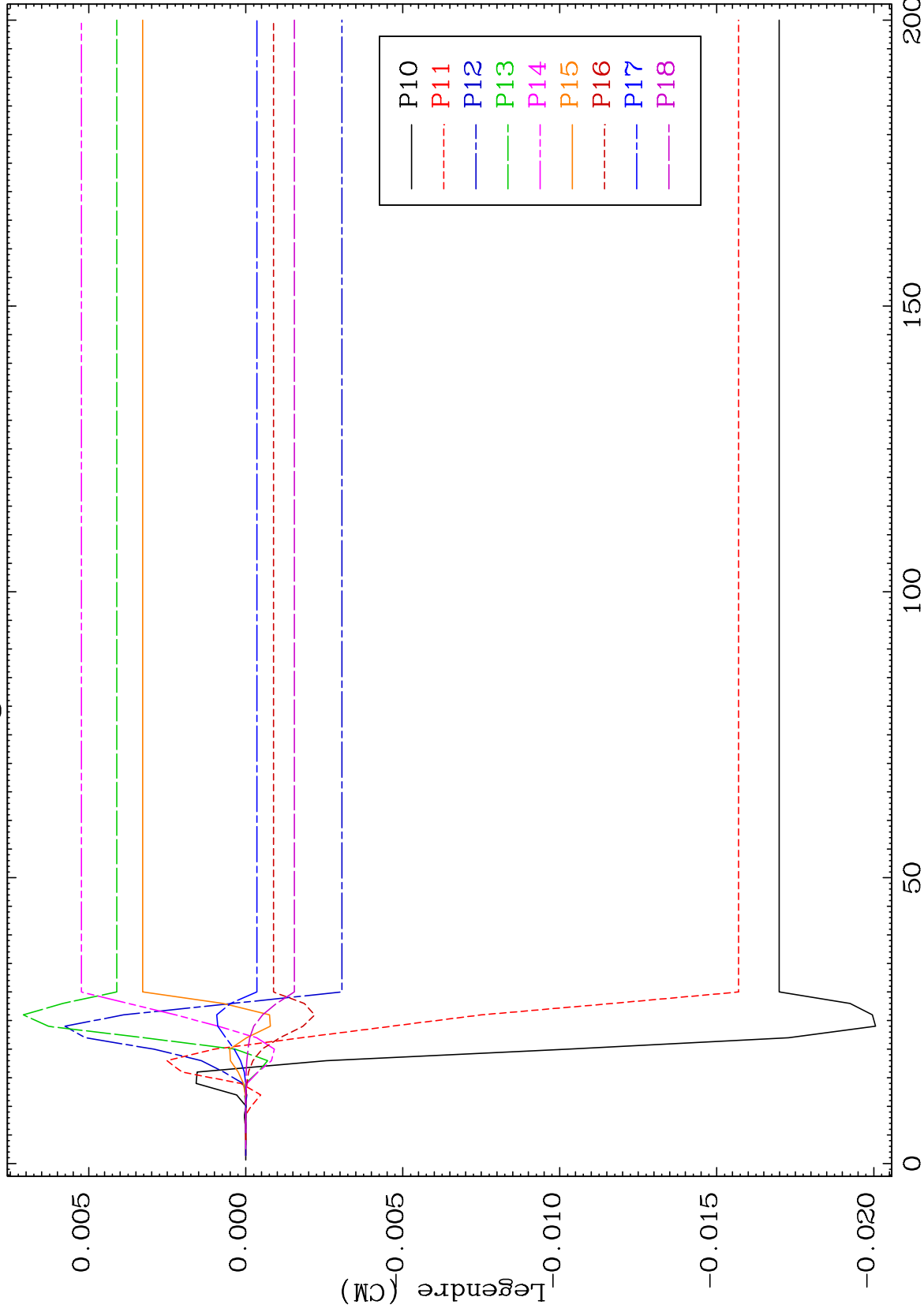
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



26

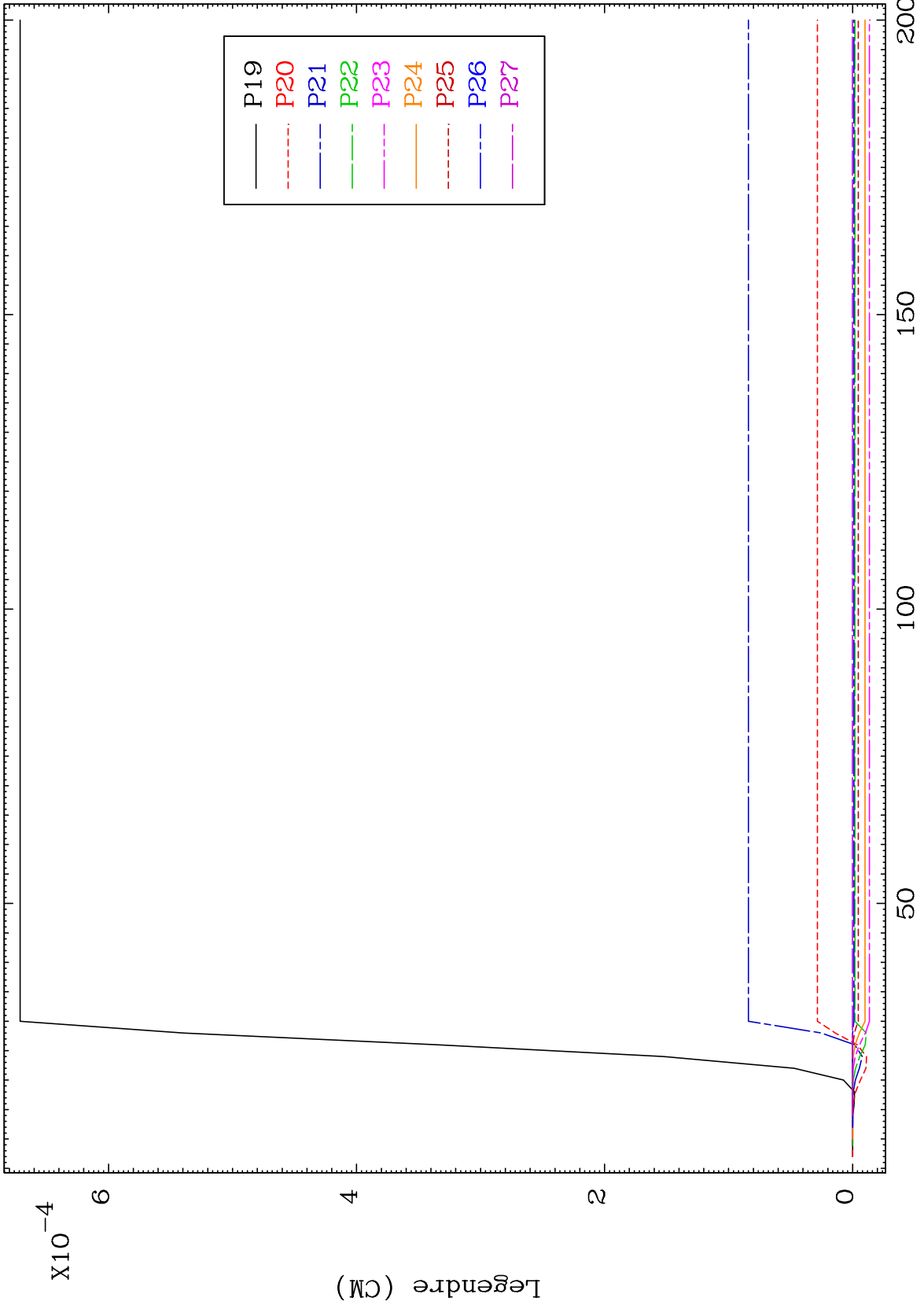
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



27

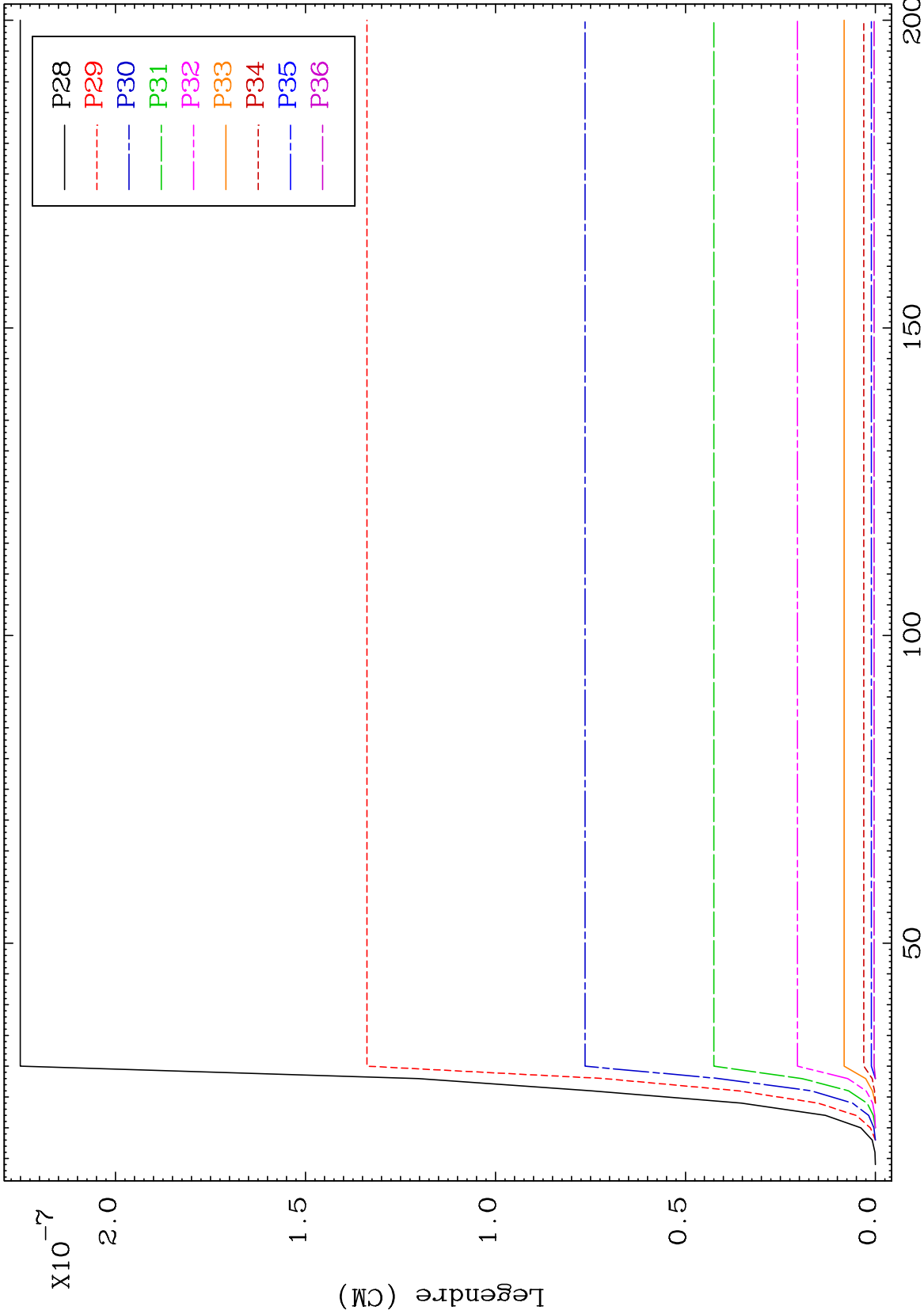
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198

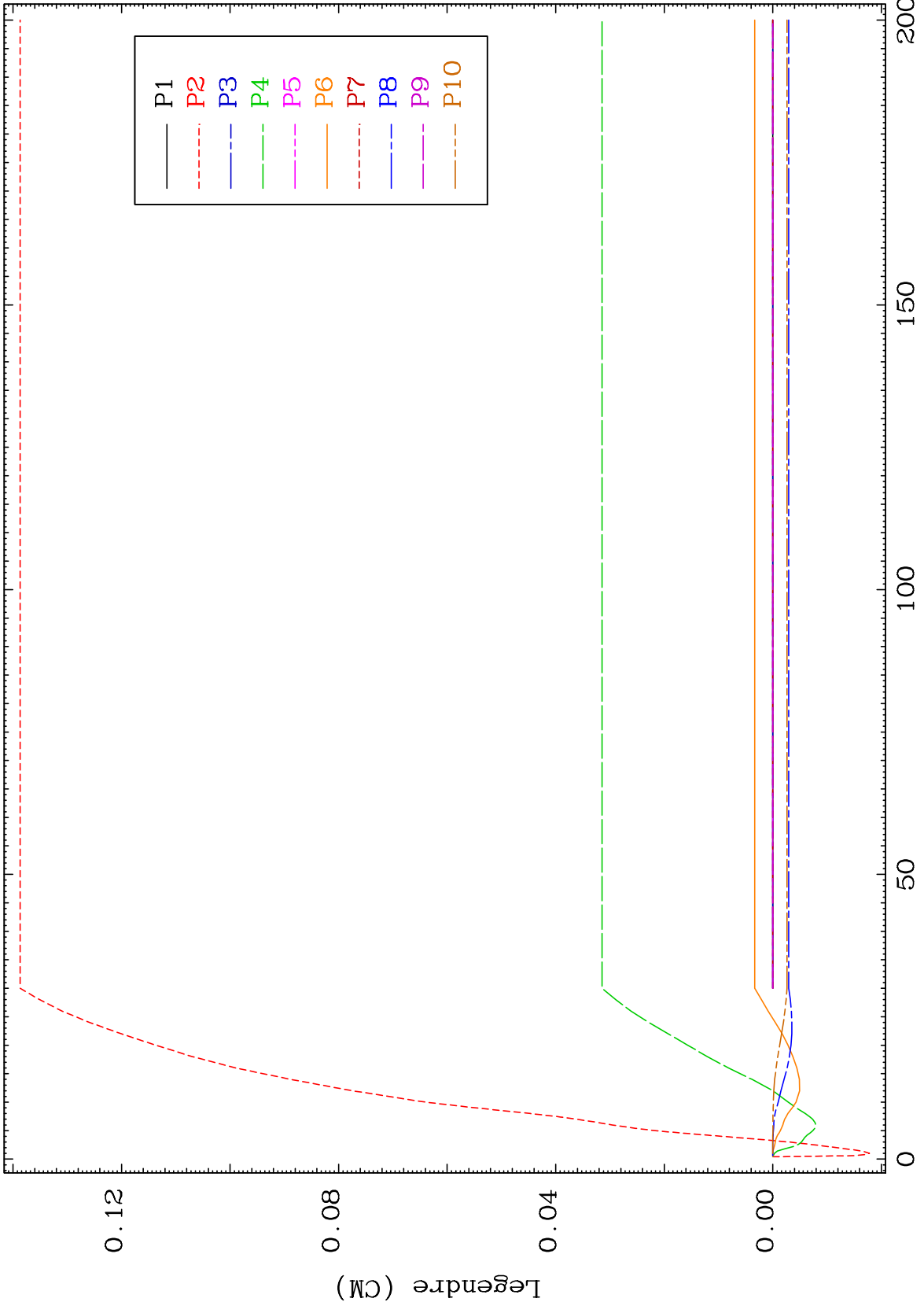


28

Incident Energy (MeV)

85-At-198

MAT 8510 MT= 54 (n,n') Level Legendre Coefficients 85-At-198

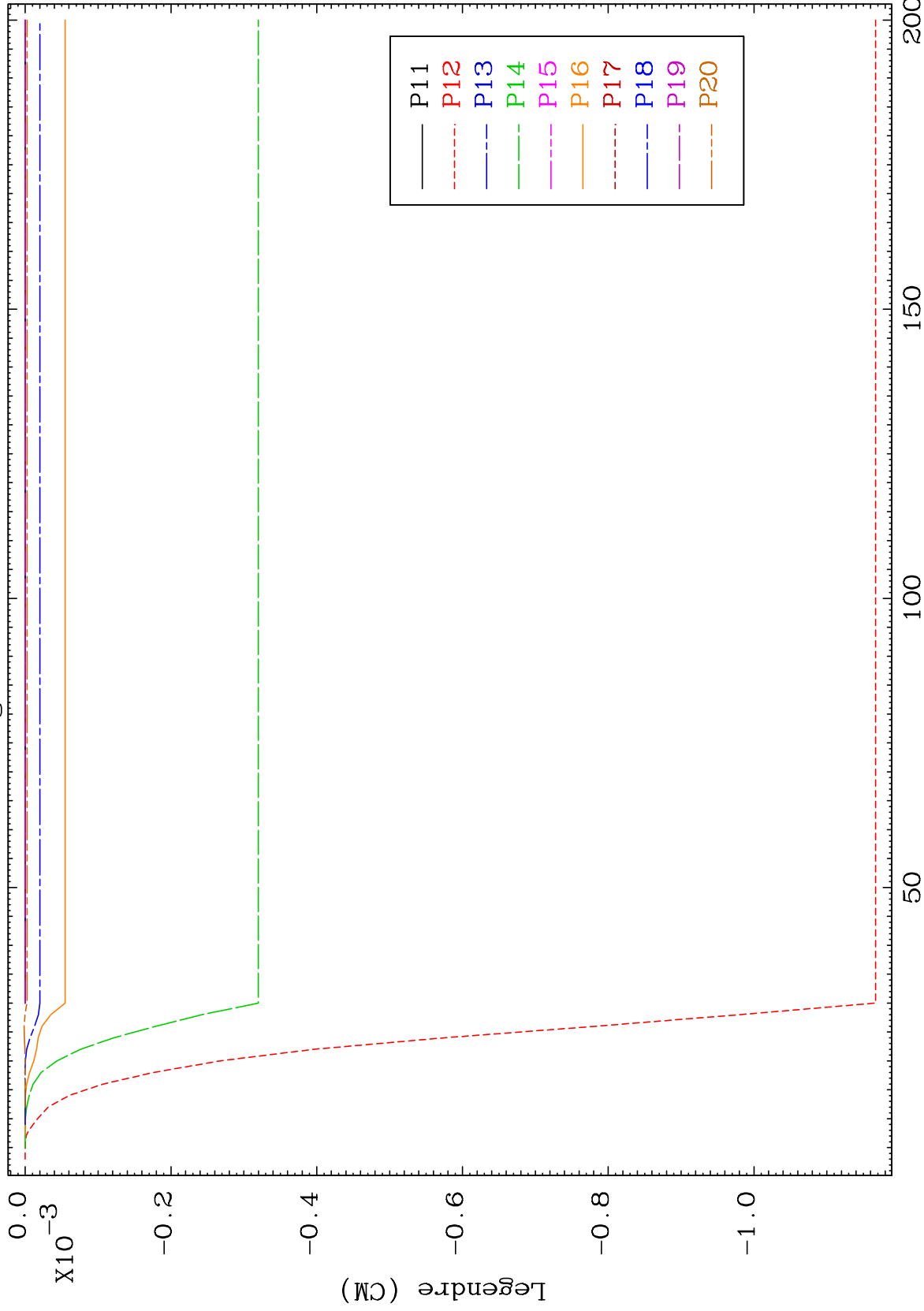


29 85-At-198

MAT 8510

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

85-At-198



85-At-198

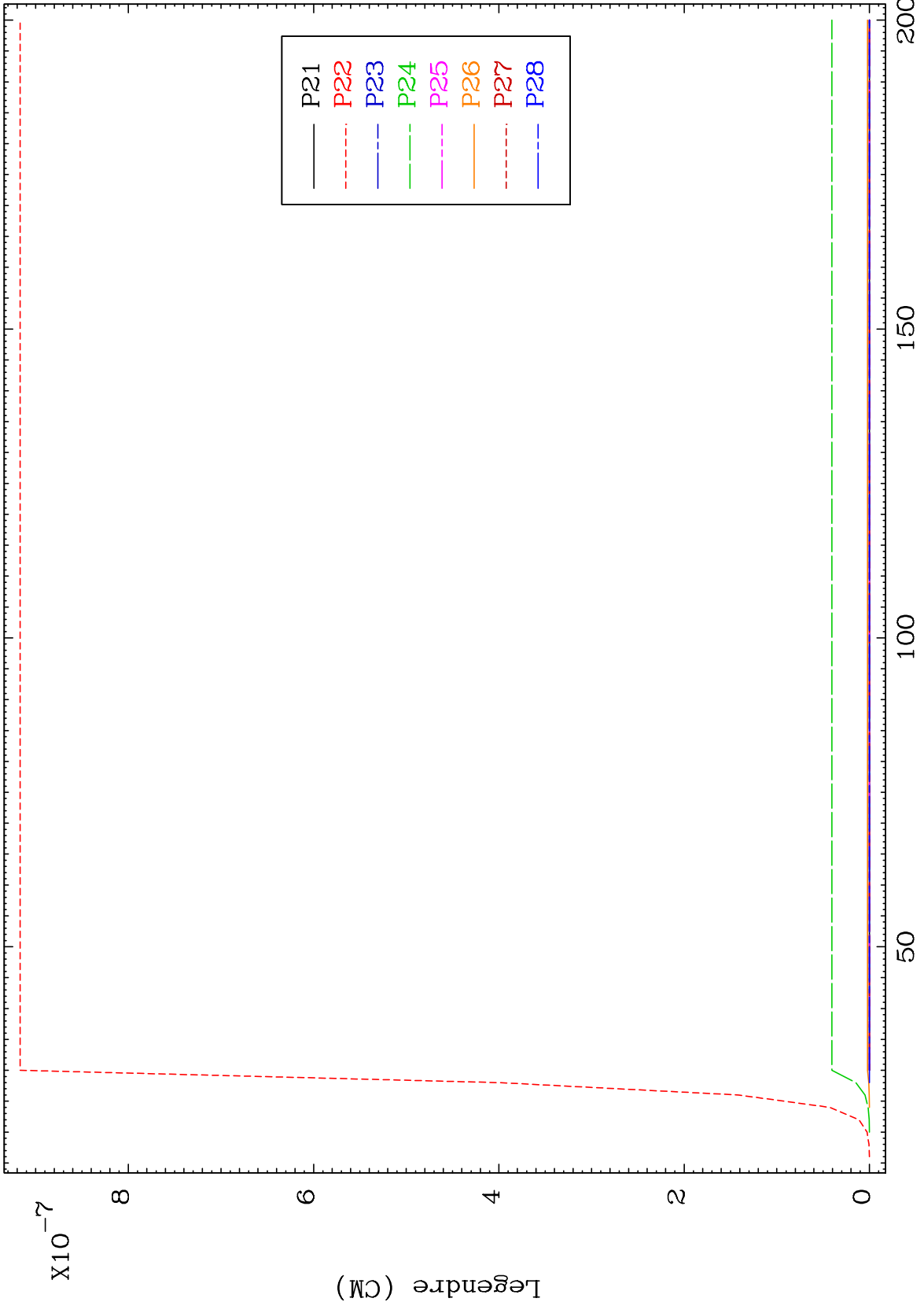
Incident Energy (MeV)

30

MAT 8510

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

85-At-198



31

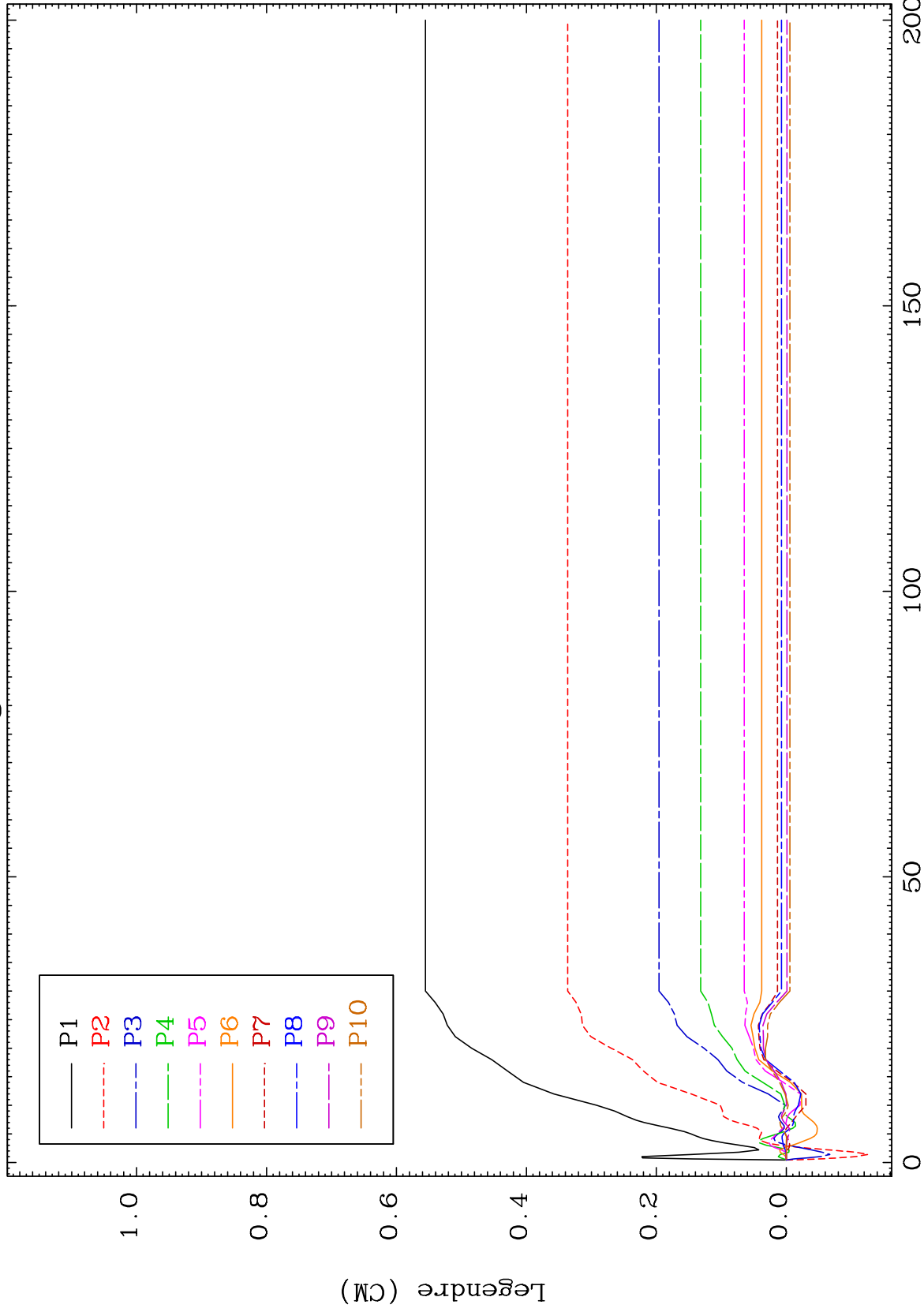
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



32

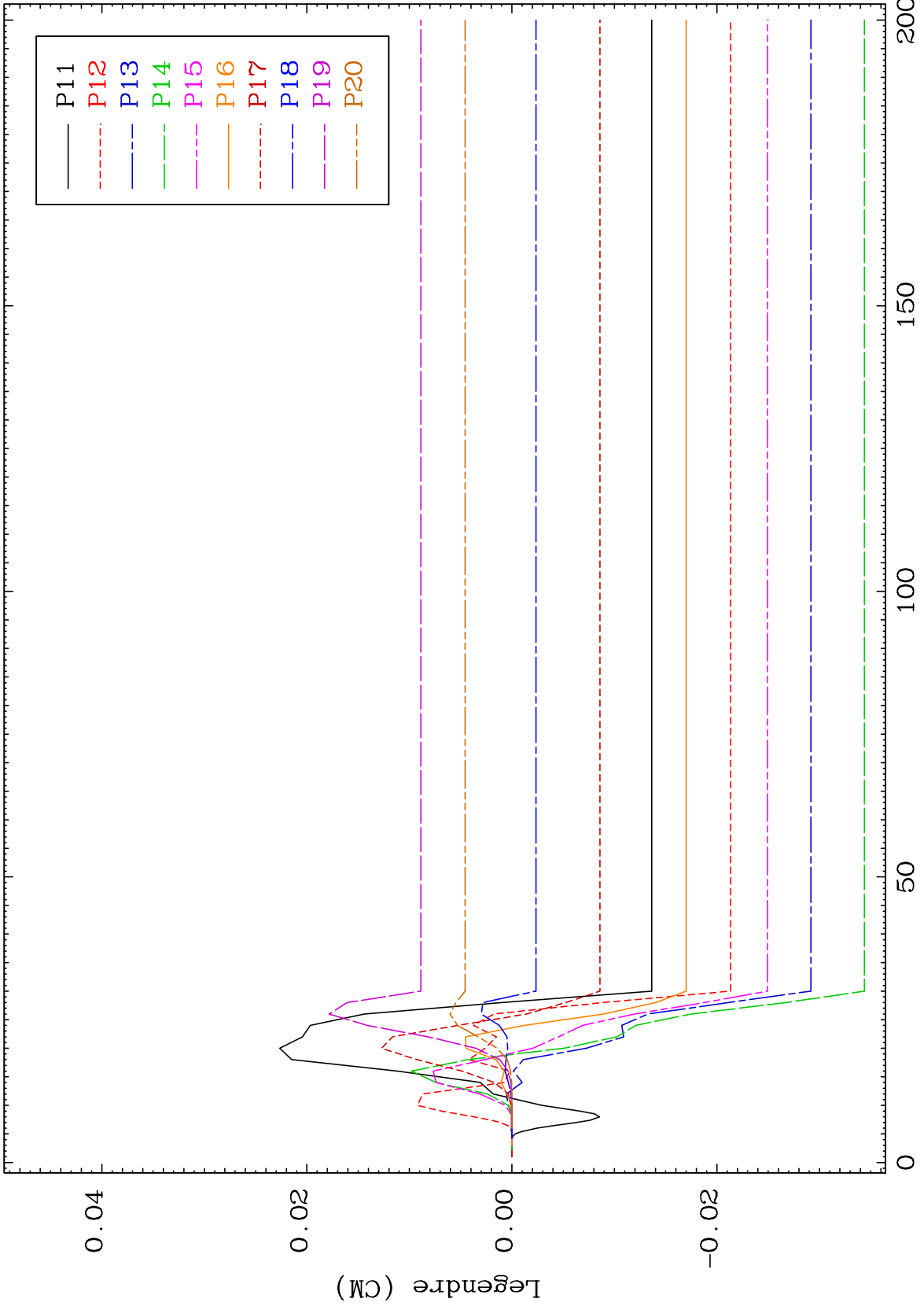
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



33

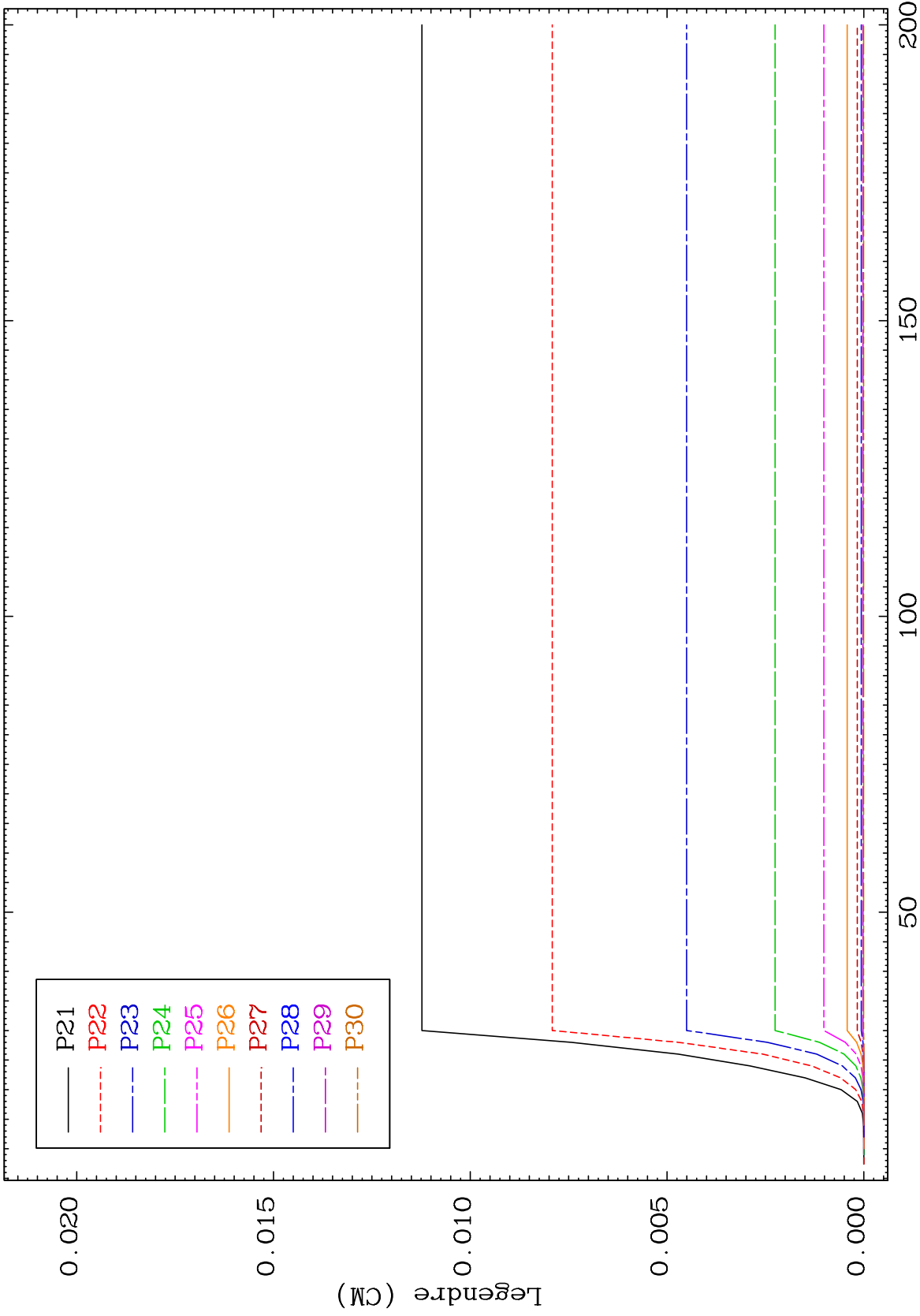
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



34

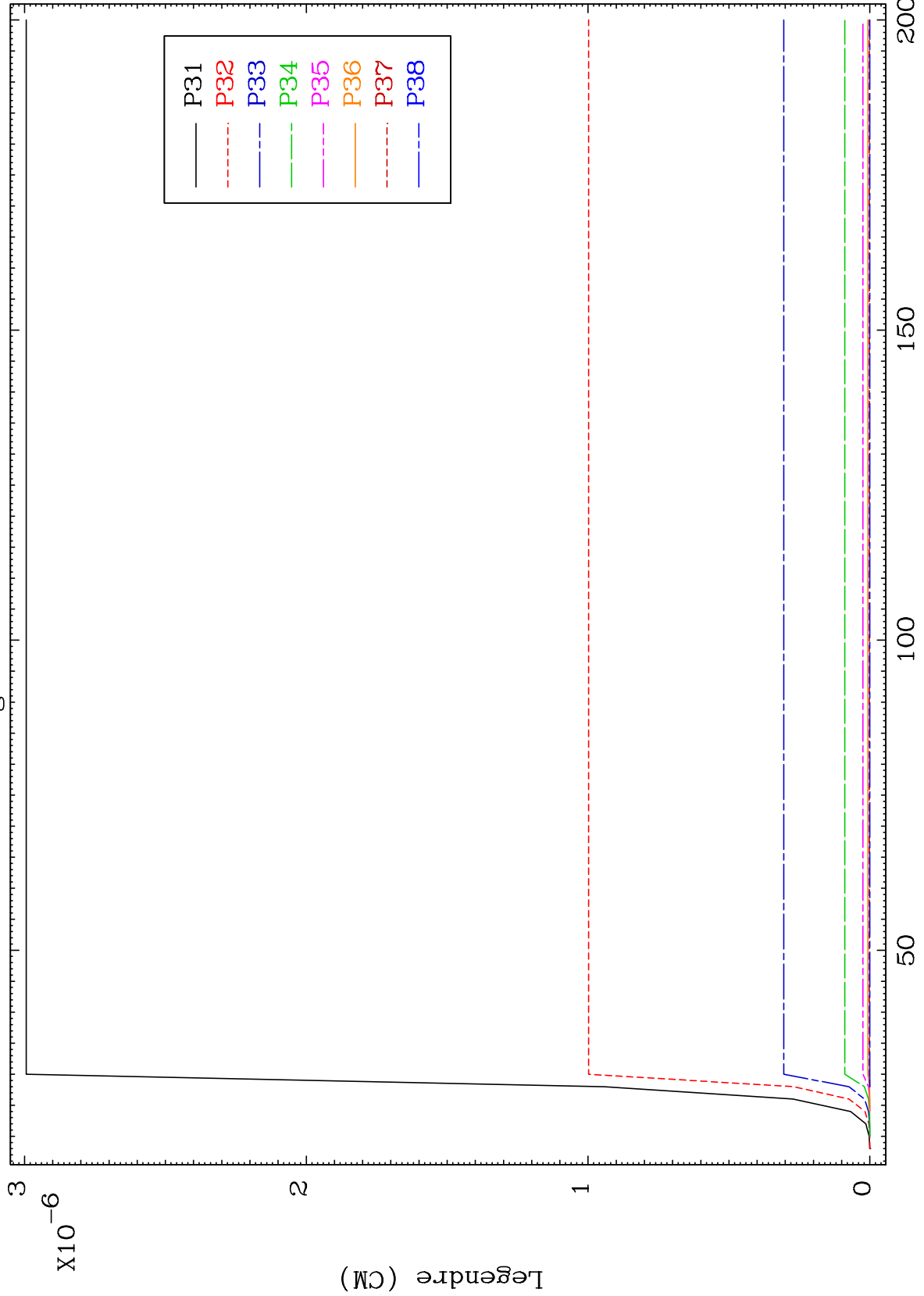
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



35

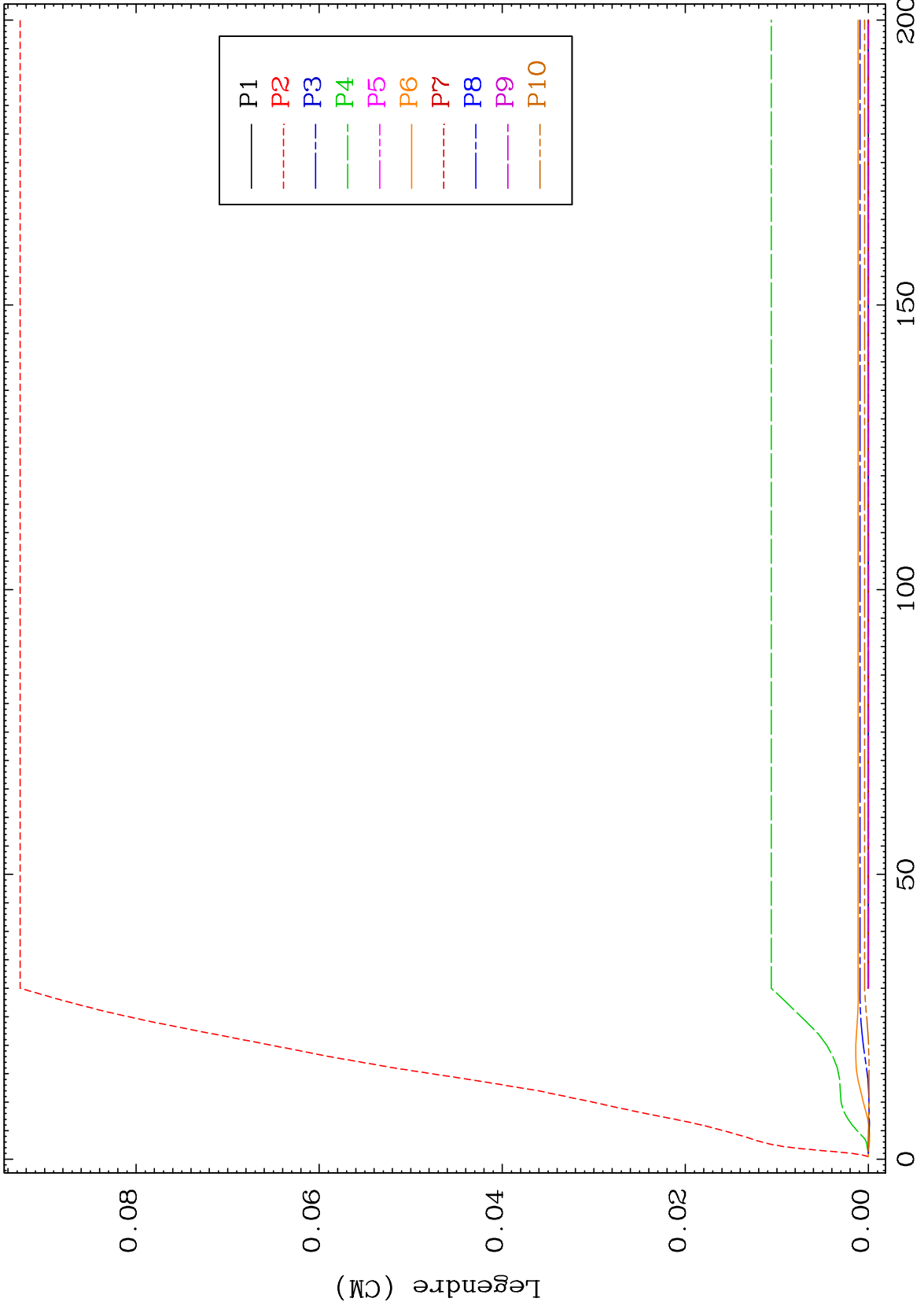
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198

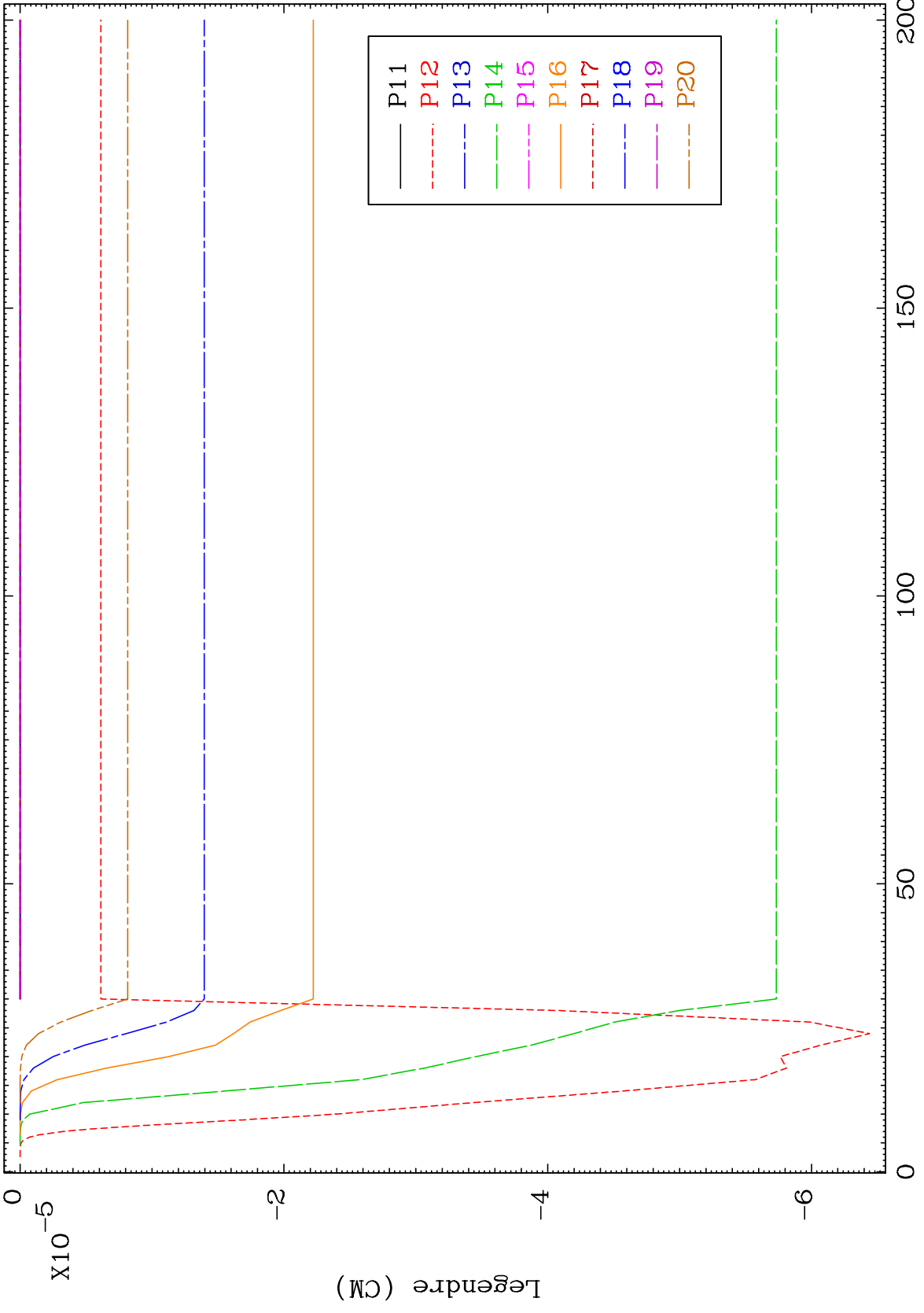


36

Incident Energy (MeV)

85-At-198

MAT 8510 MT= 56 (n,n') Level Legendre Coefficients 85-At-198

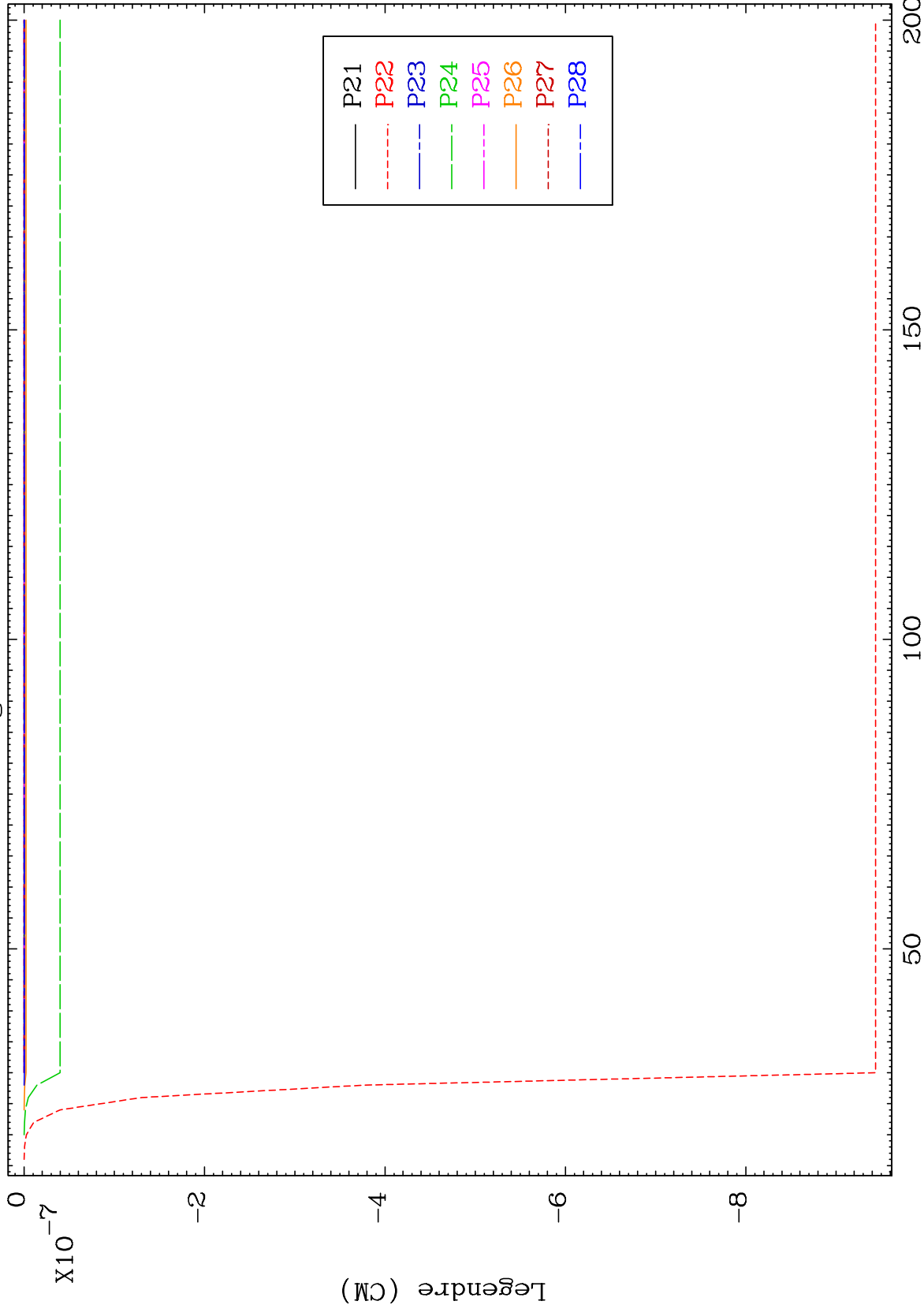


37 85-At-198

MAT 8510

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

85-At-198



85-At-198

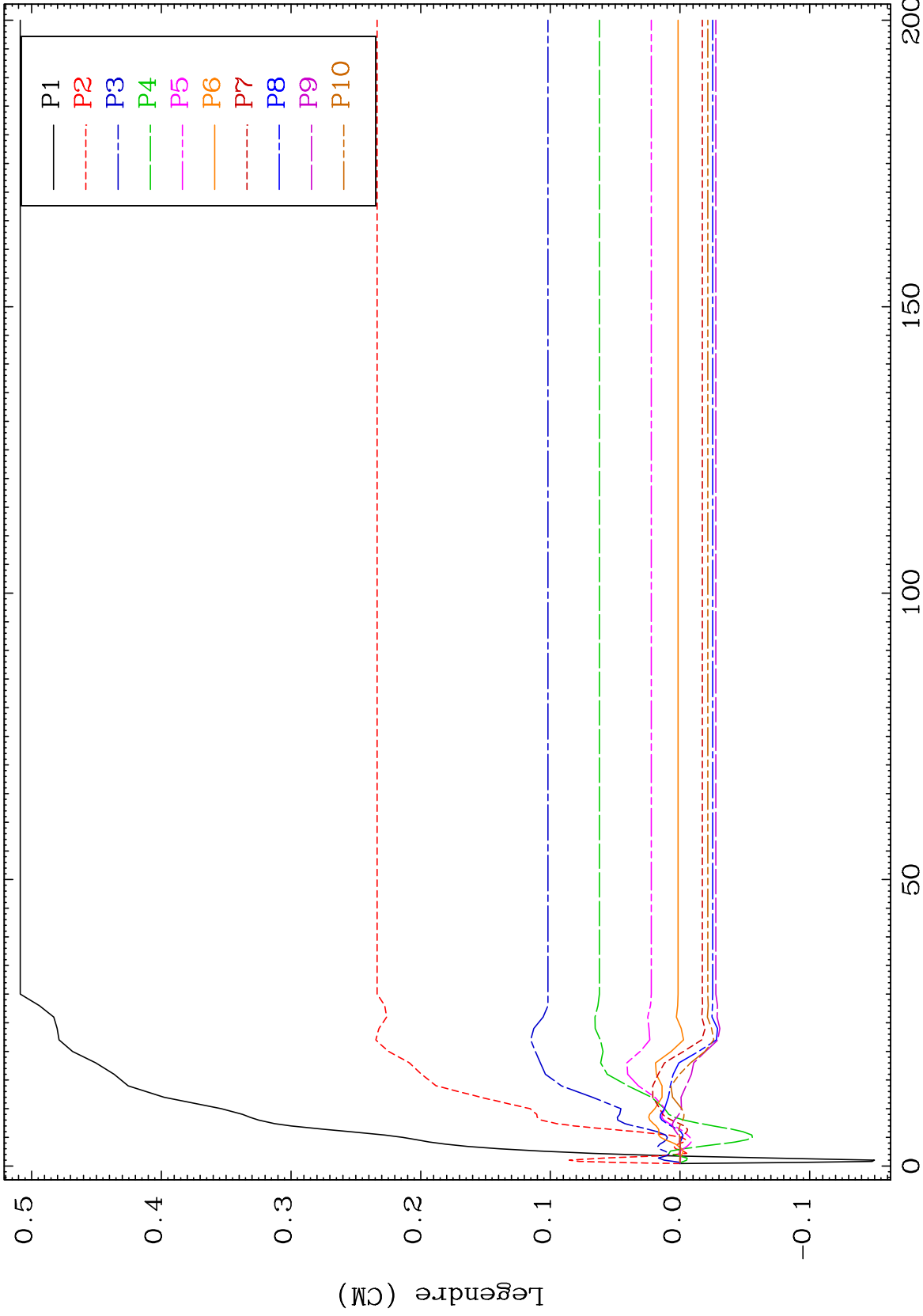
Incident Energy (MeV)

38

MAT 8510

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

85-At-198



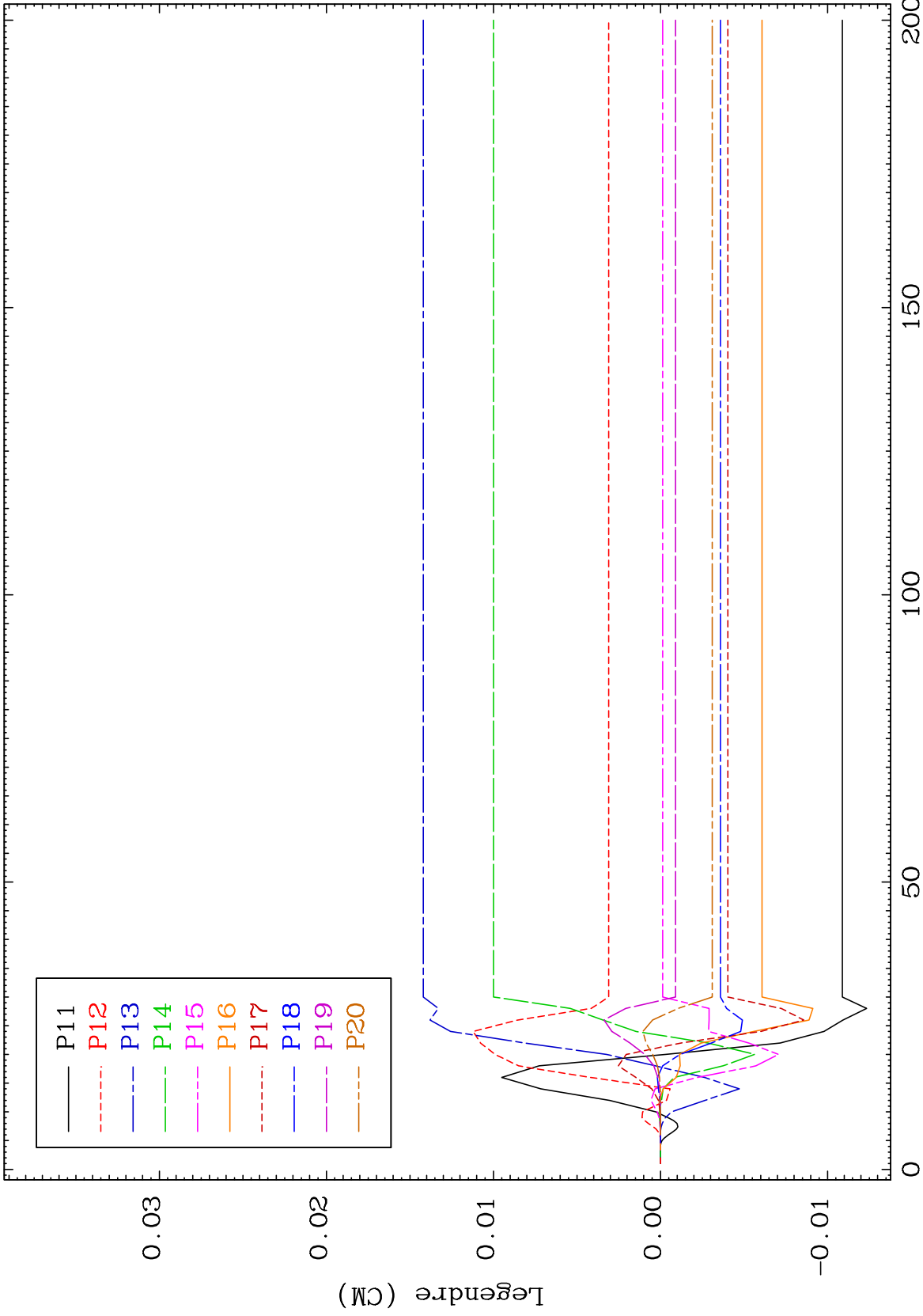
39

85-At-198

MAT 8510

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

85-At-198



40

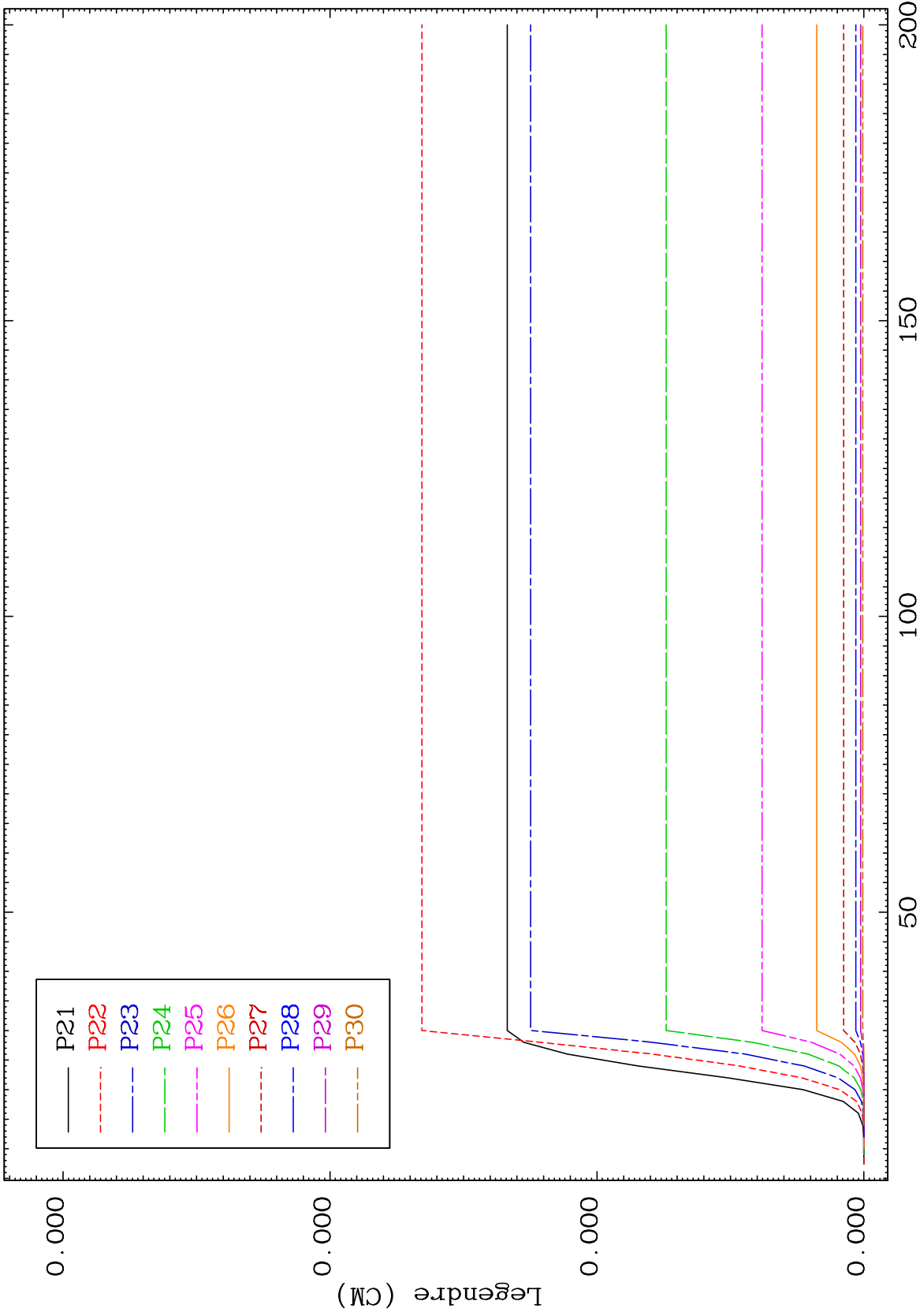
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



41

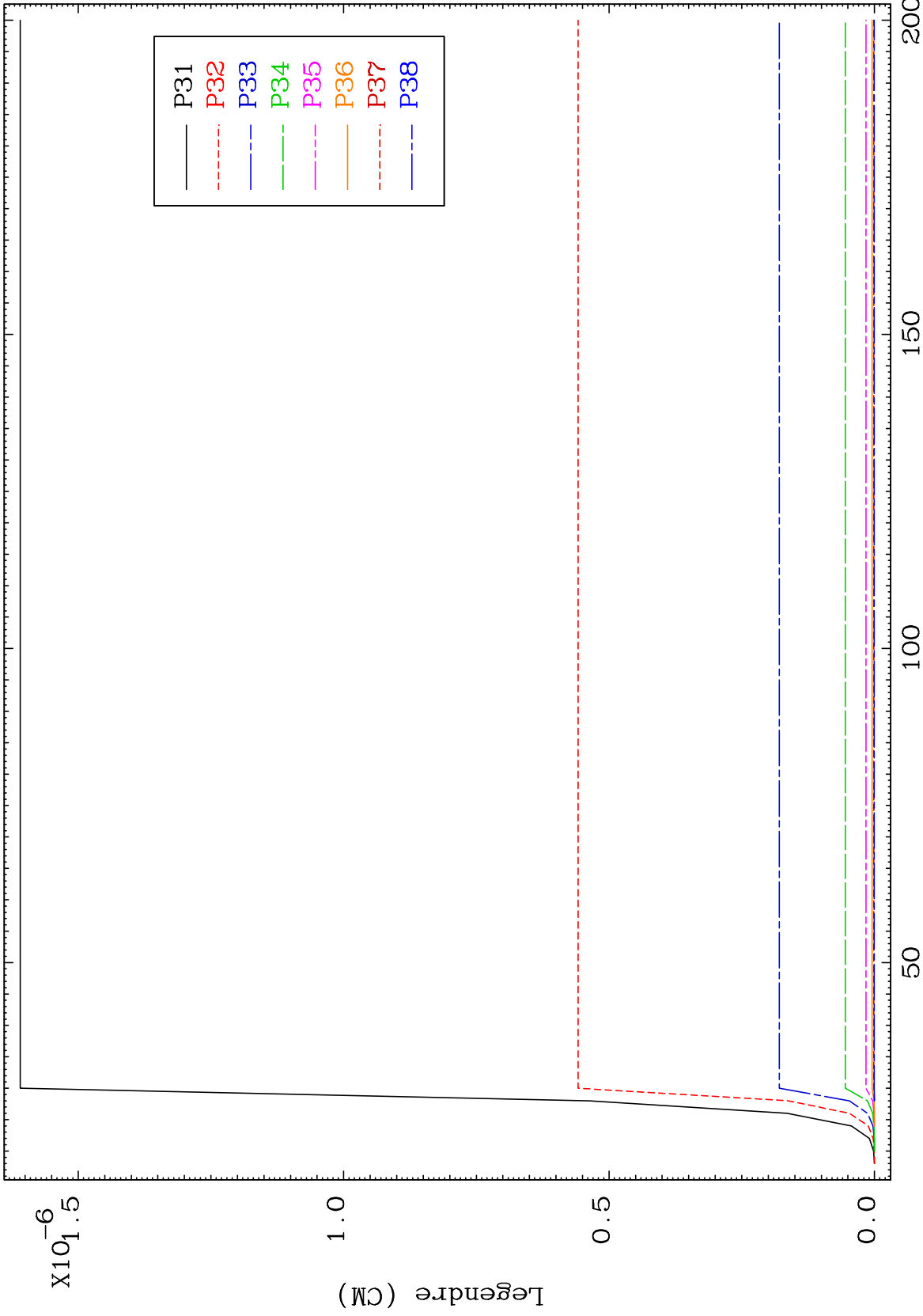
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198

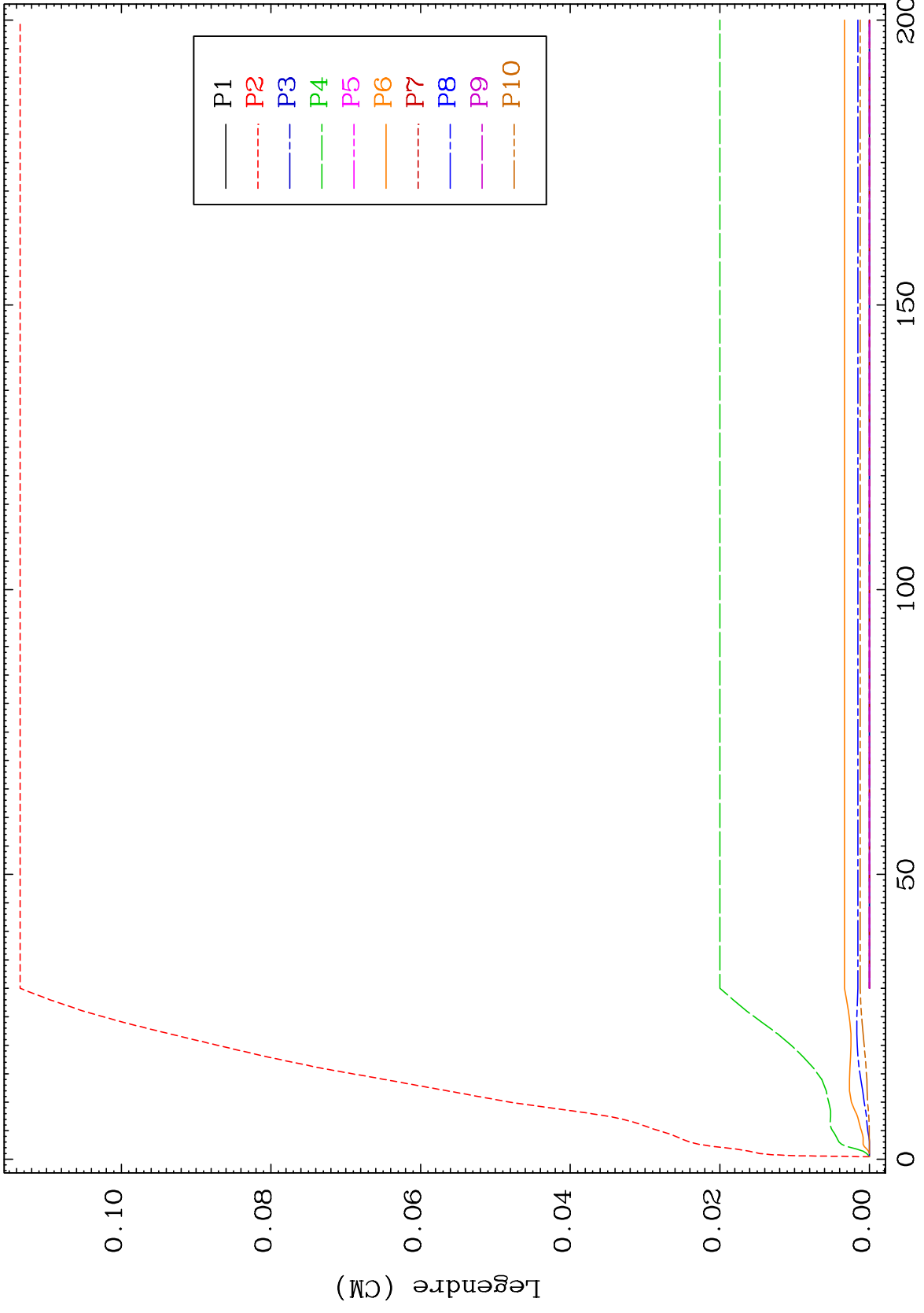


42

Incident Energy (MeV)

85-At-198

MAT 8510 MT= 58 (n,n') Level Legendre Coefficients 85-At-198

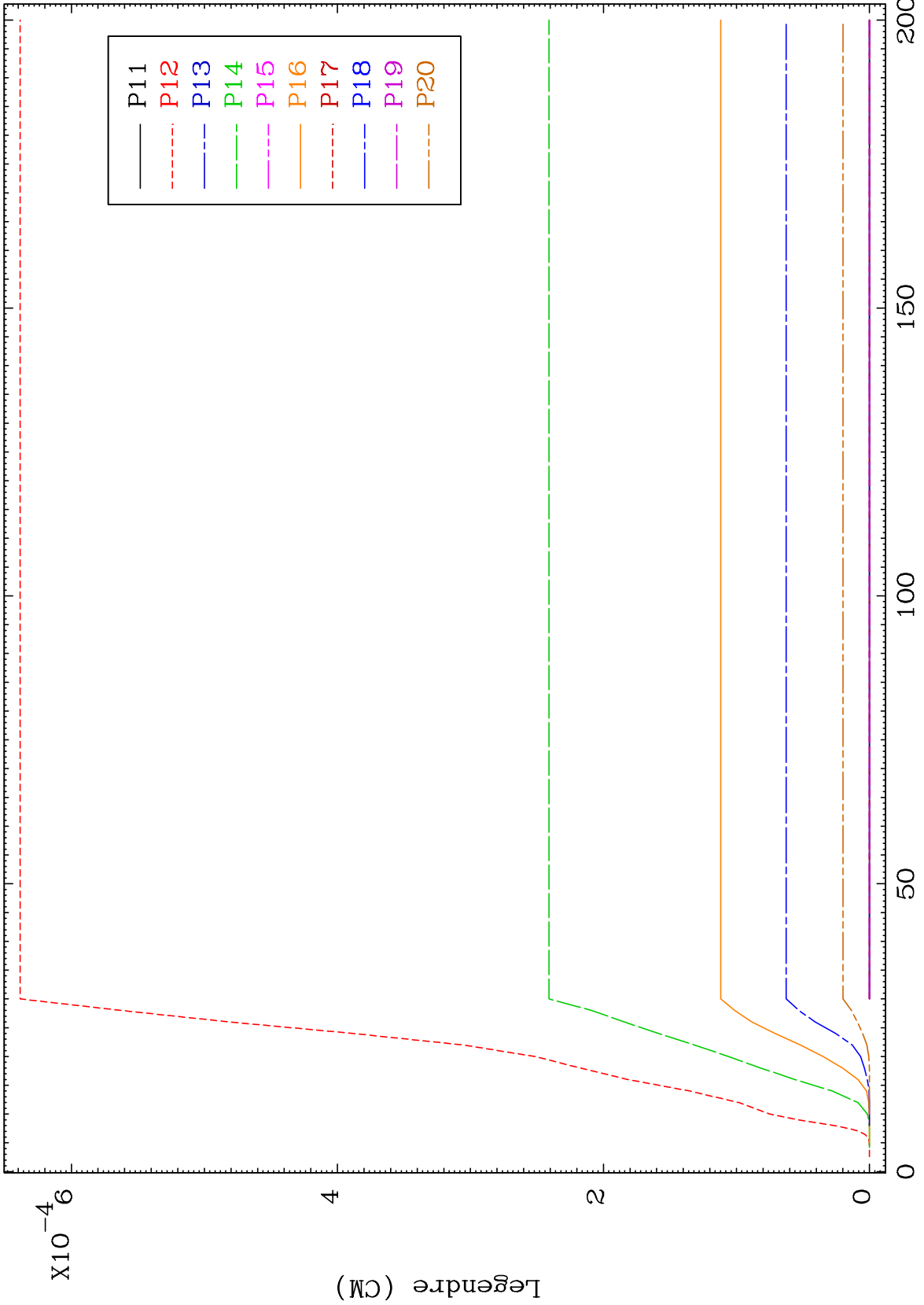


43 85-At-198

MAT 8510

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

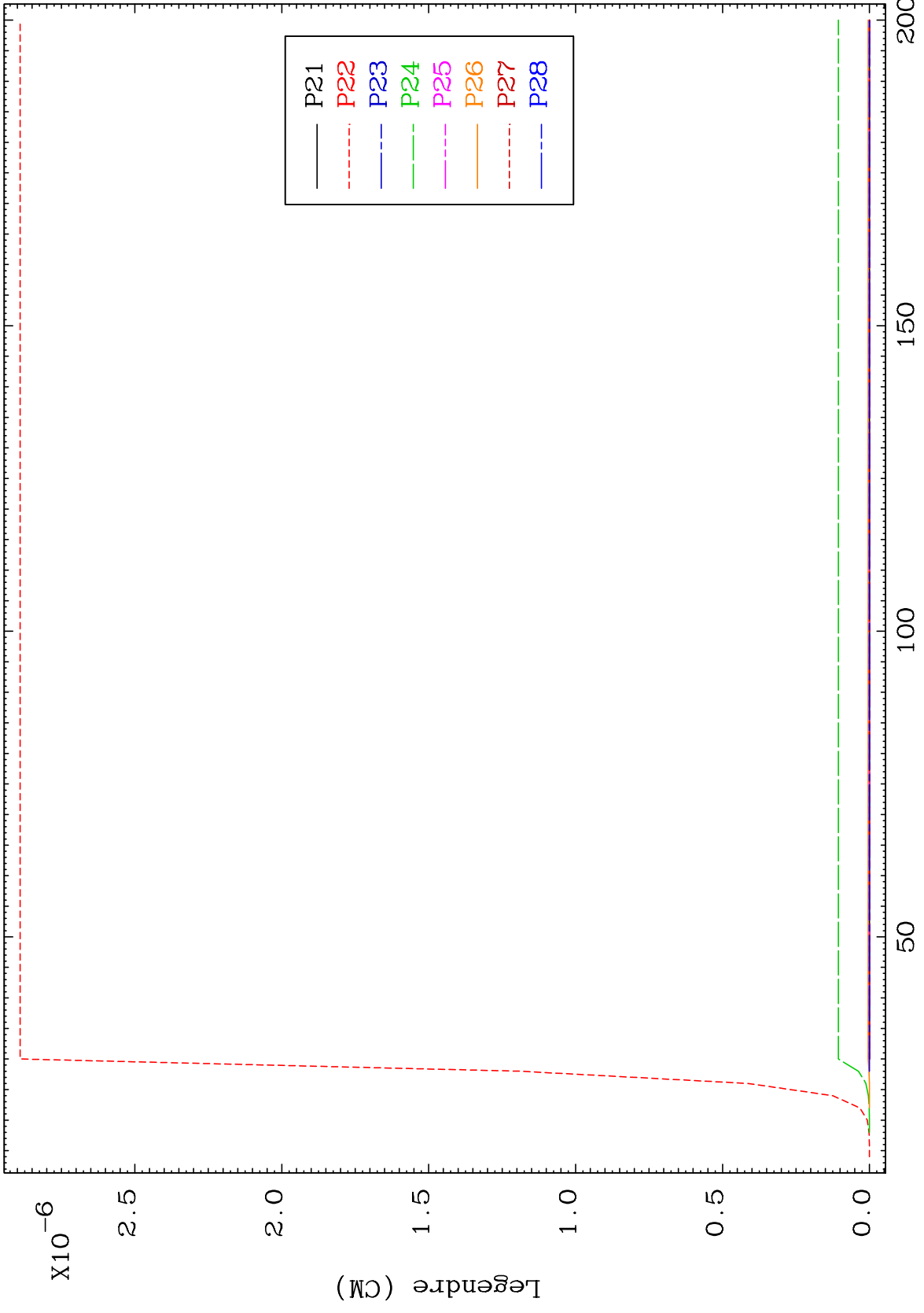
85-At-198



44

85-At-198

MAT 8510 MT= 58 (n,n') Level Legendre Coefficients 85-At-198

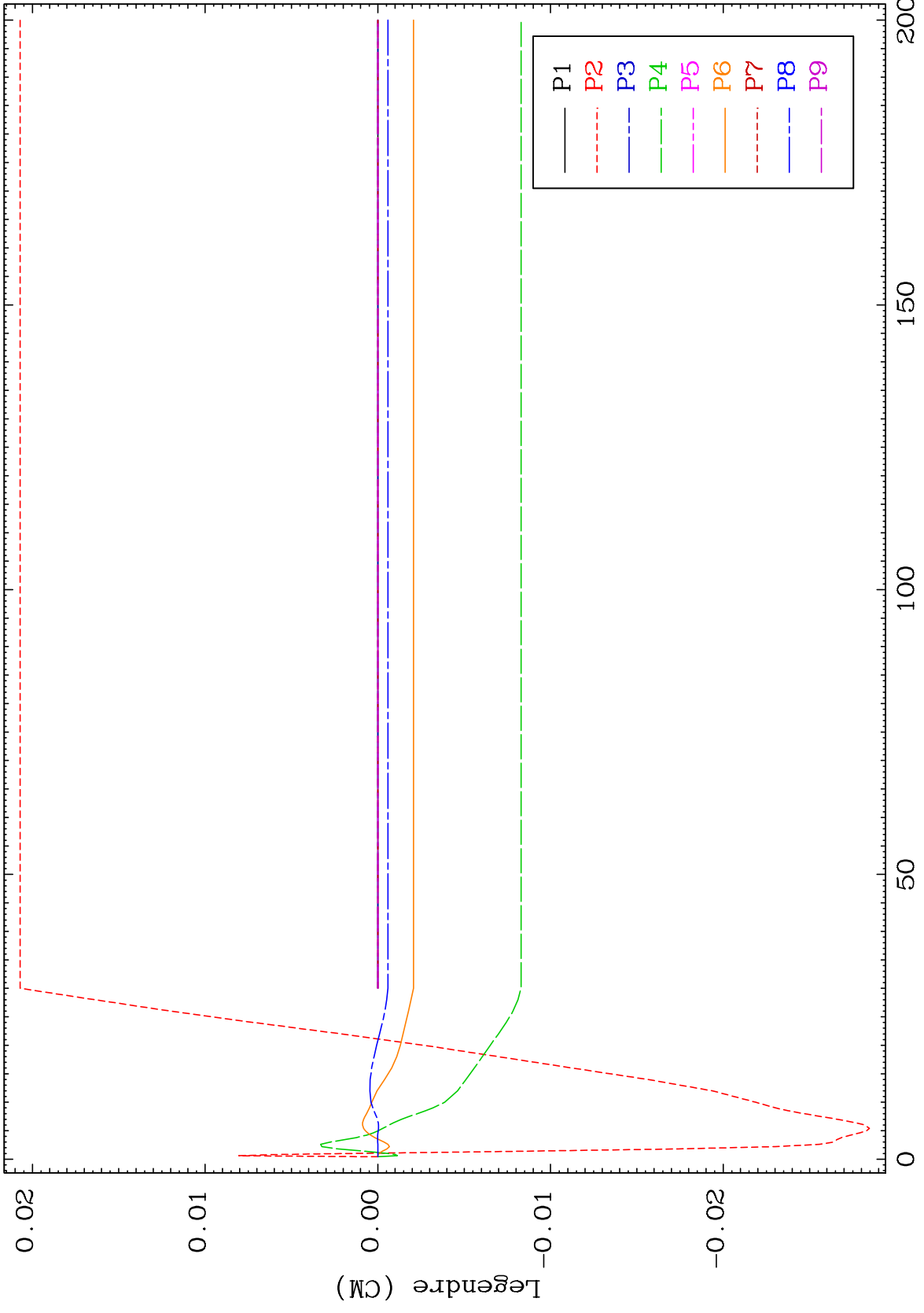


45 50 100 150 200 Incident Energy (MeV) 85-At-198

MAT 8510

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

85-At-198



46

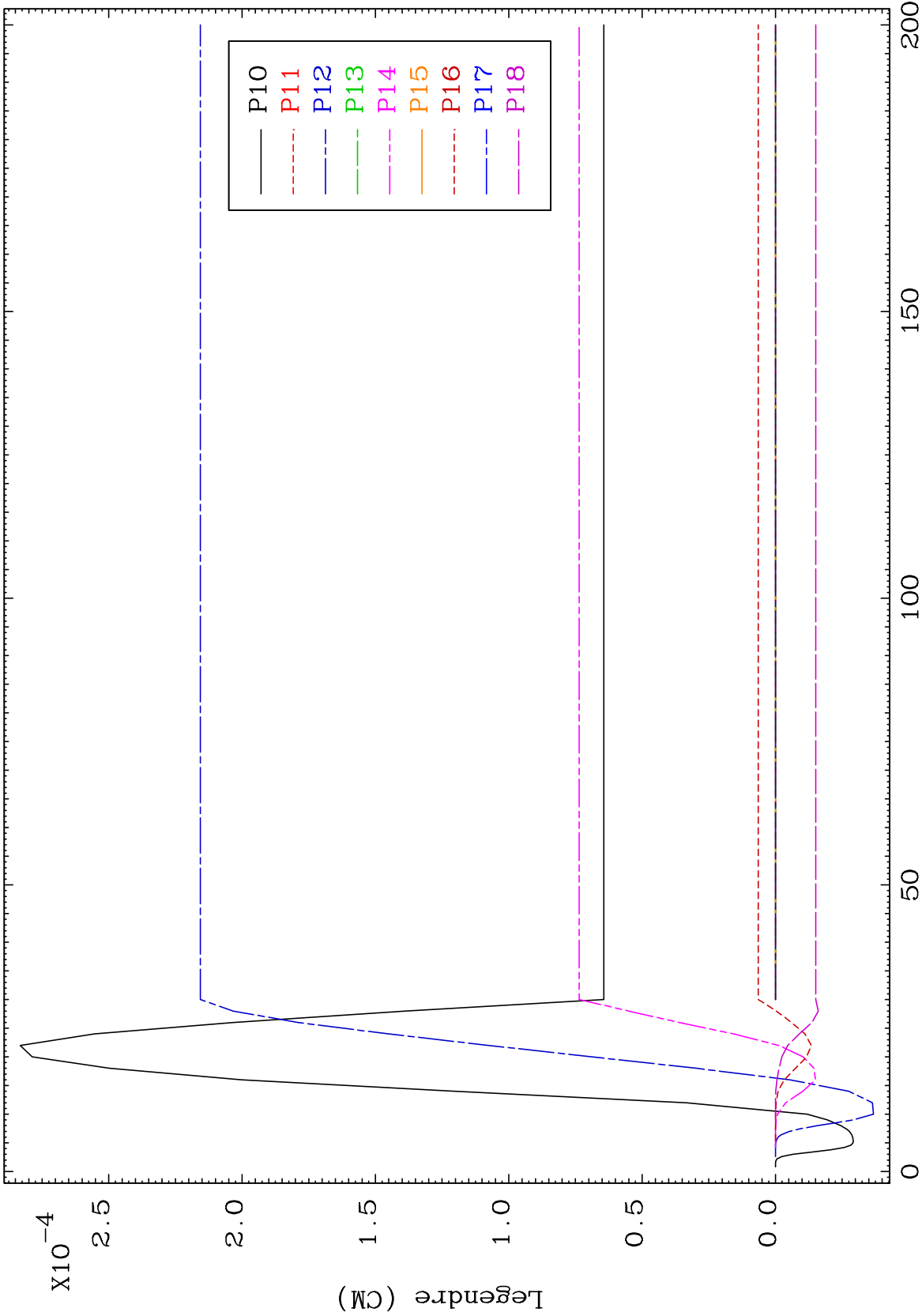
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



47

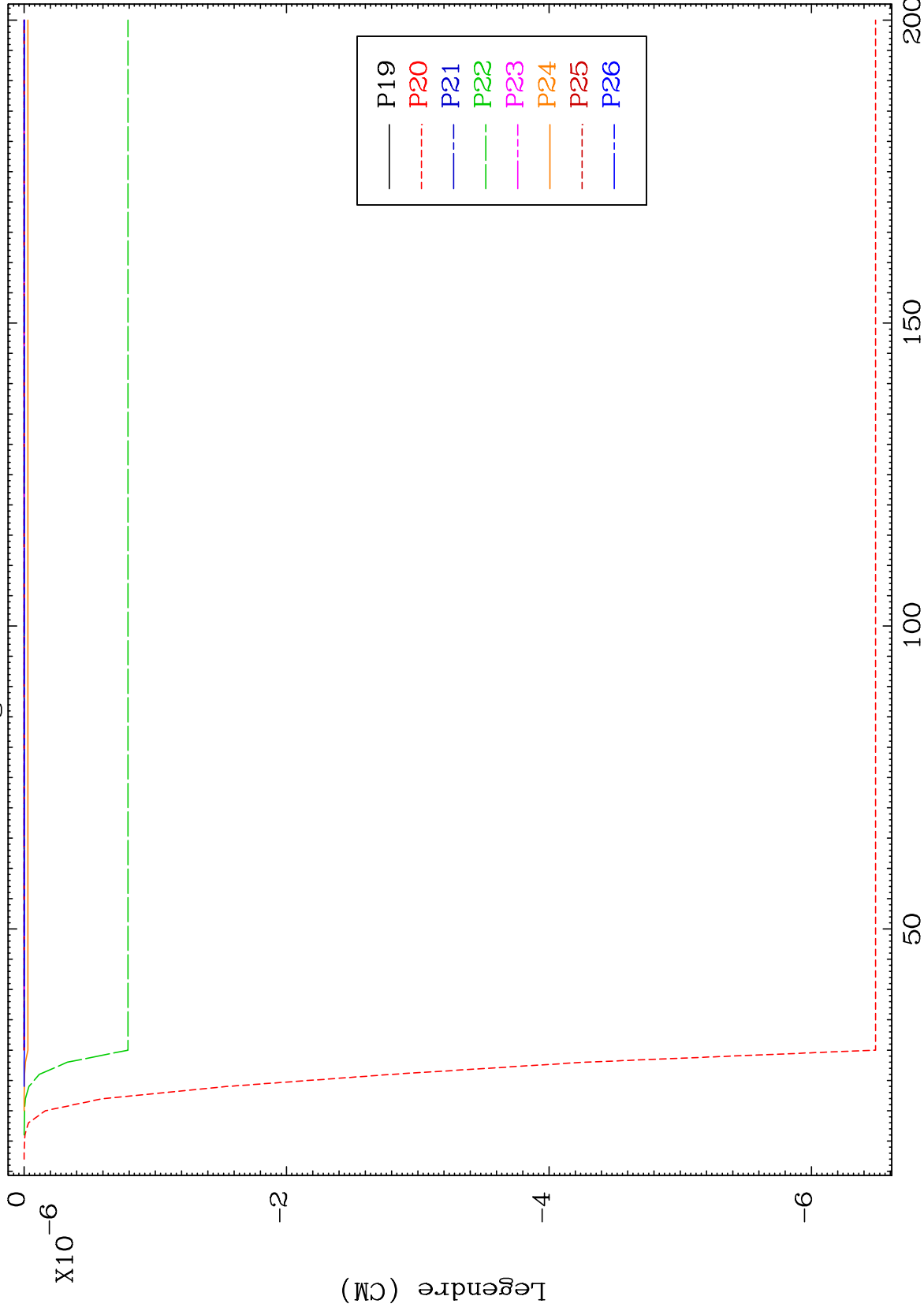
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



85-At-198

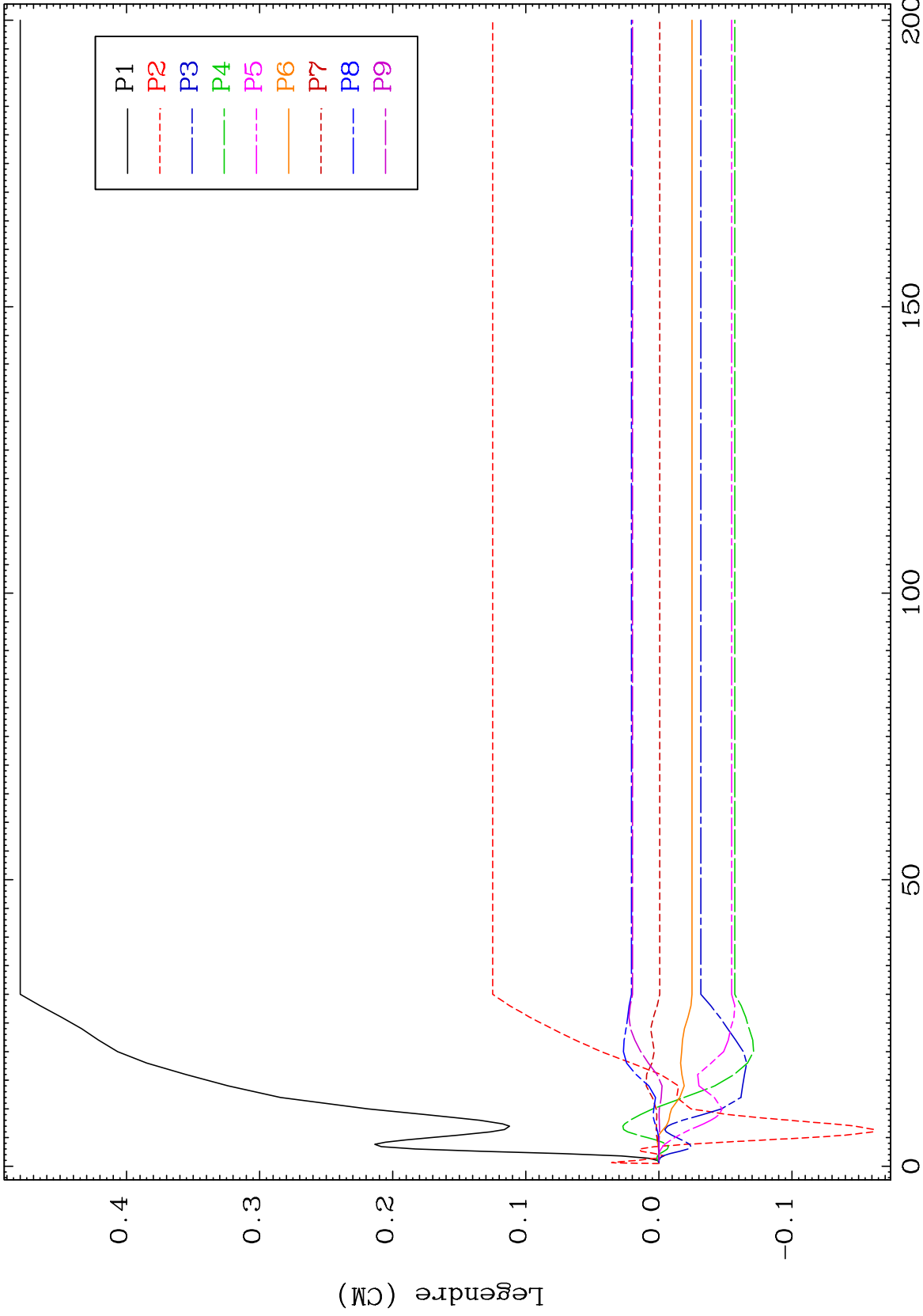
Incident Energy (MeV)

48

MAT 8510

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

85-At-198



49

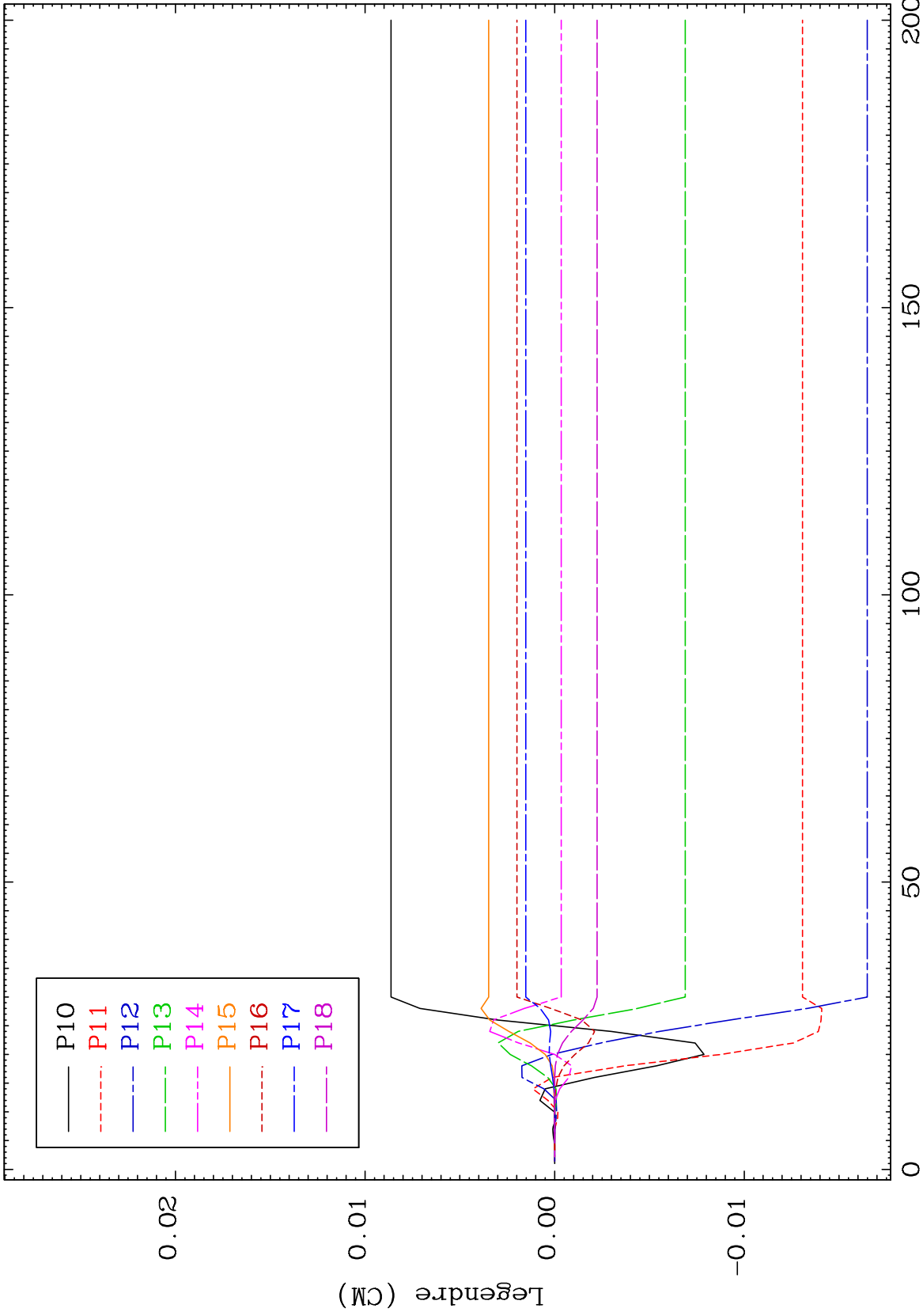
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



50

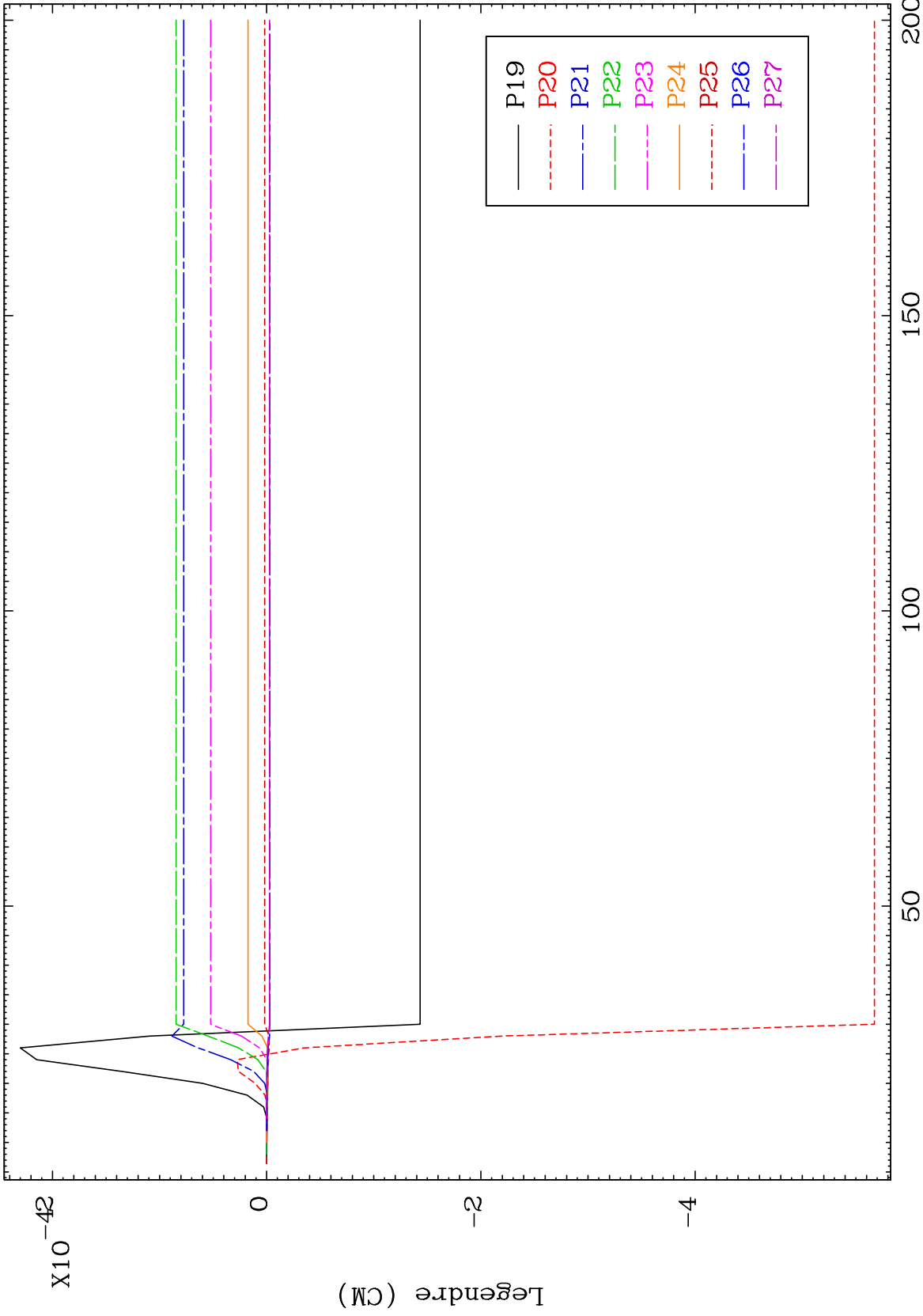
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



51

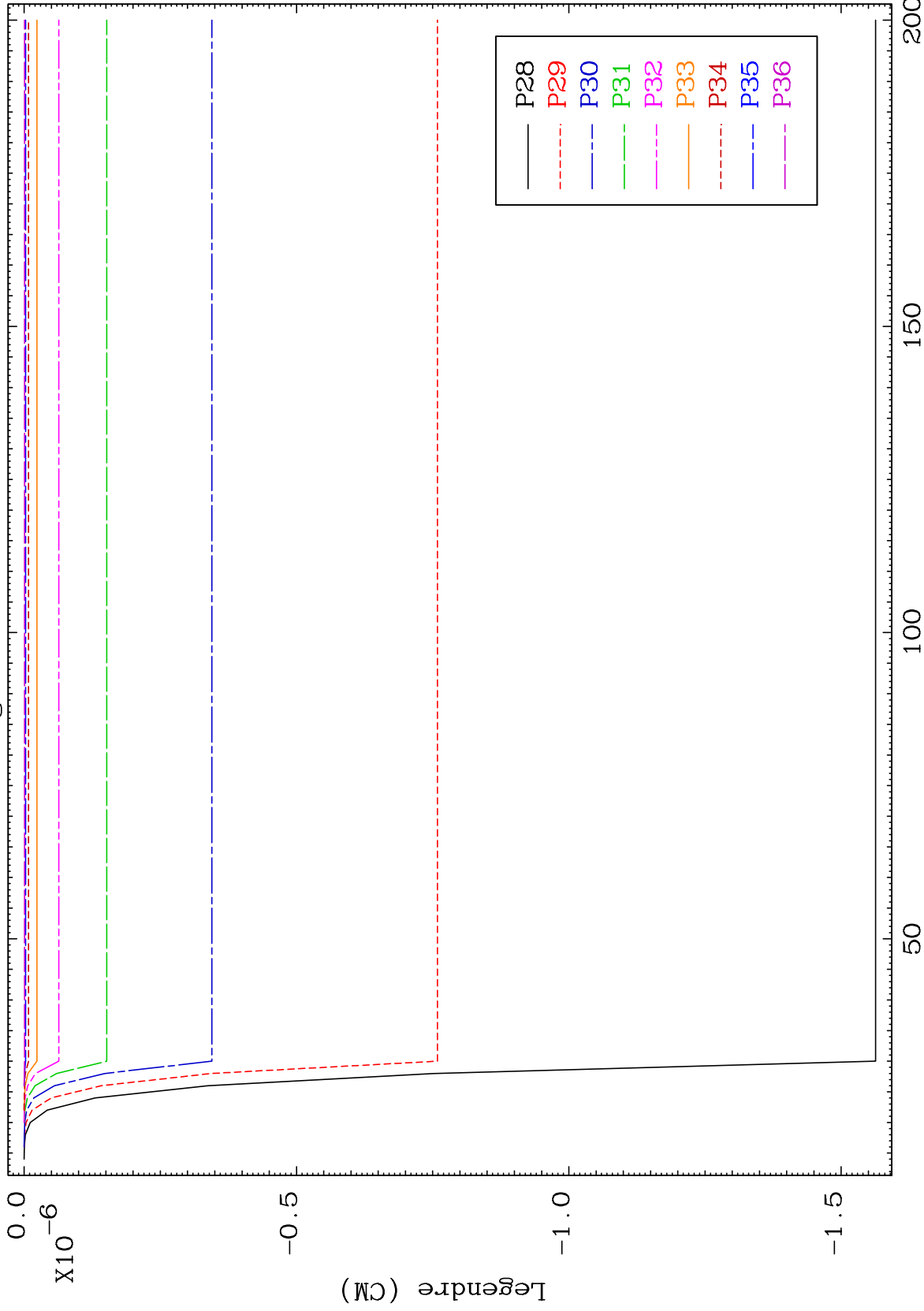
Incident Energy (MeV)

85-At-198

MAT 8510

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

85-At-198



85-At-198

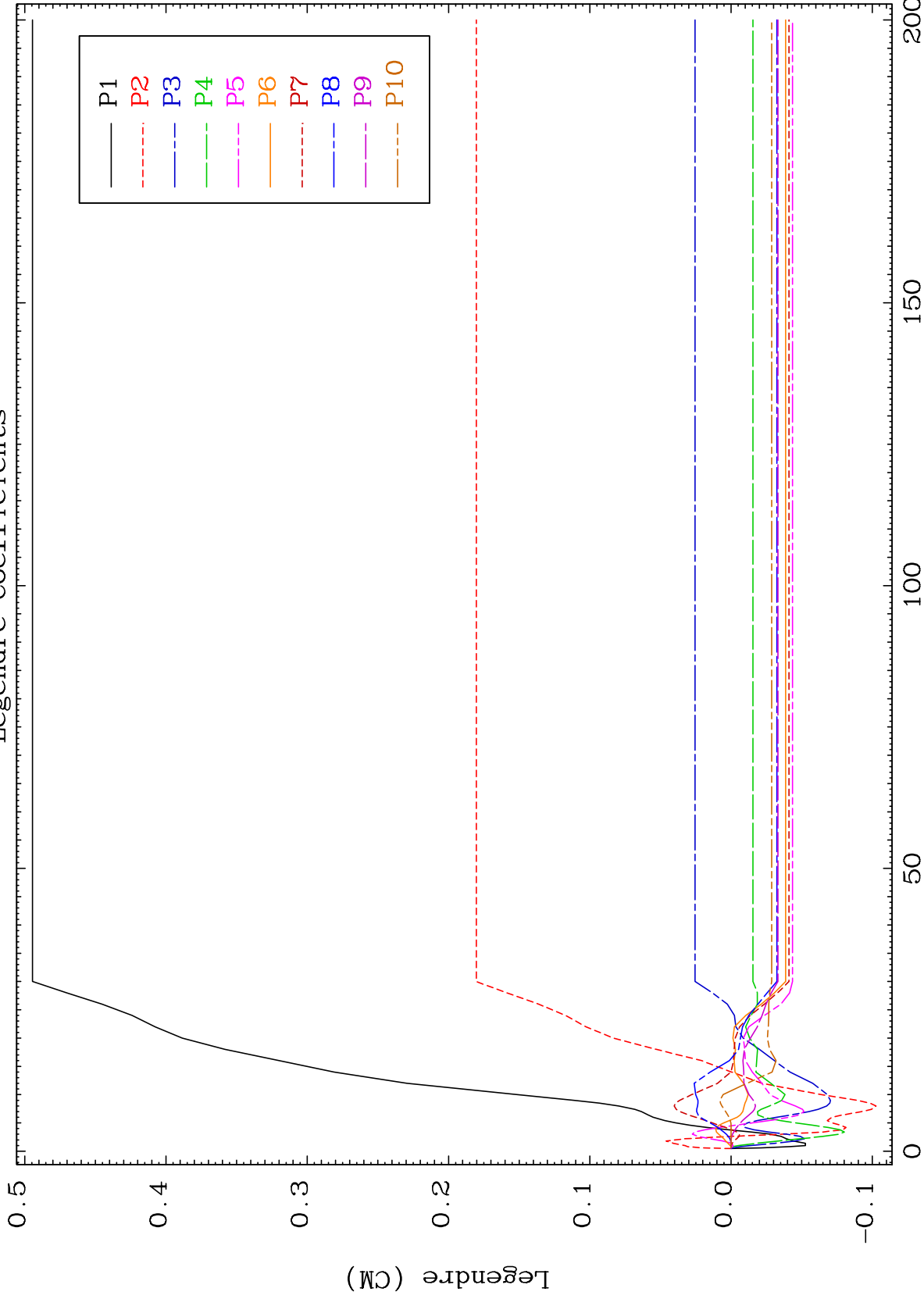
Incident Energy (MeV)

52

MAT 8510

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

85-At-198



53

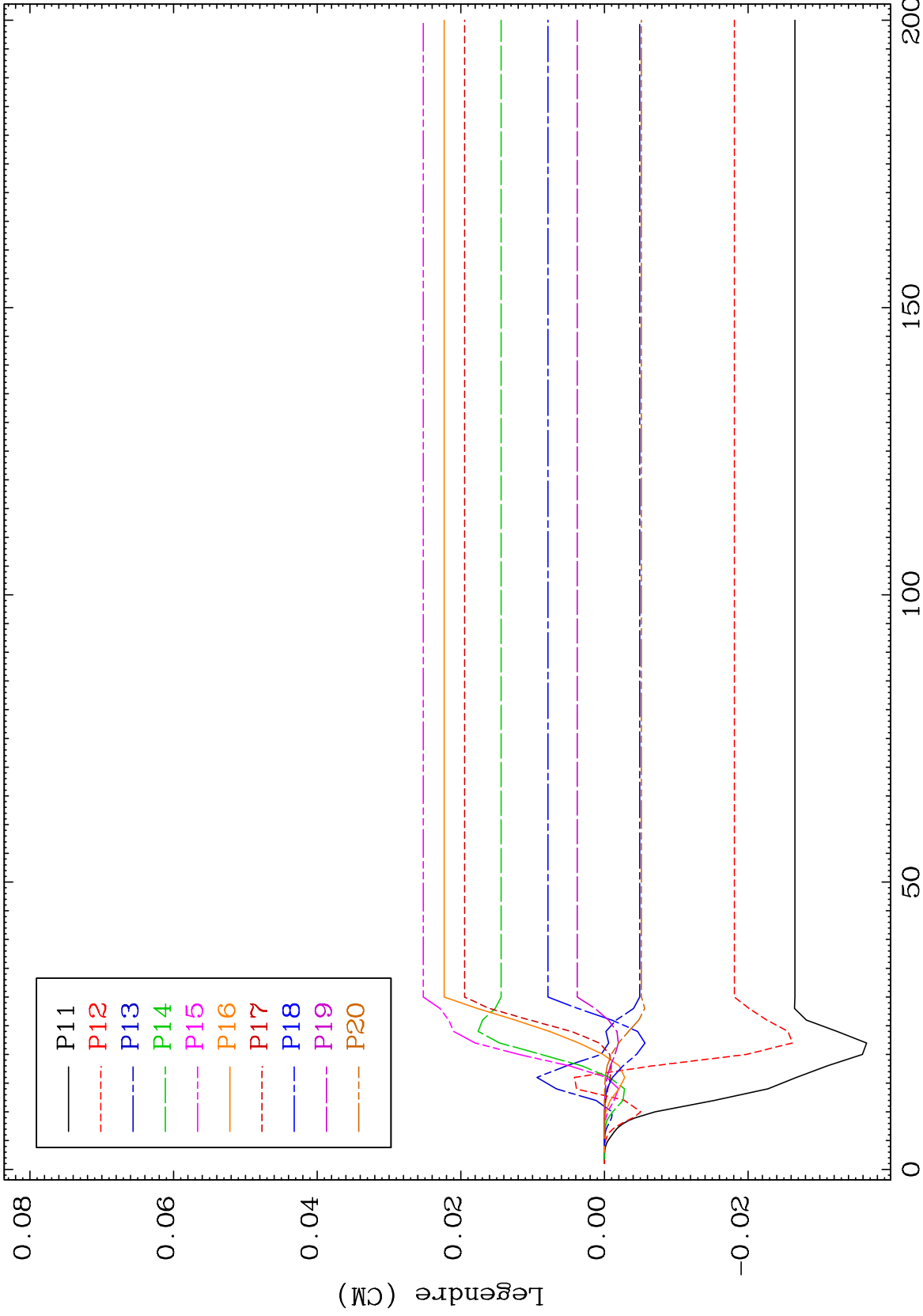
Incident Energy (MeV)

85-At-198

MAT 8510

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

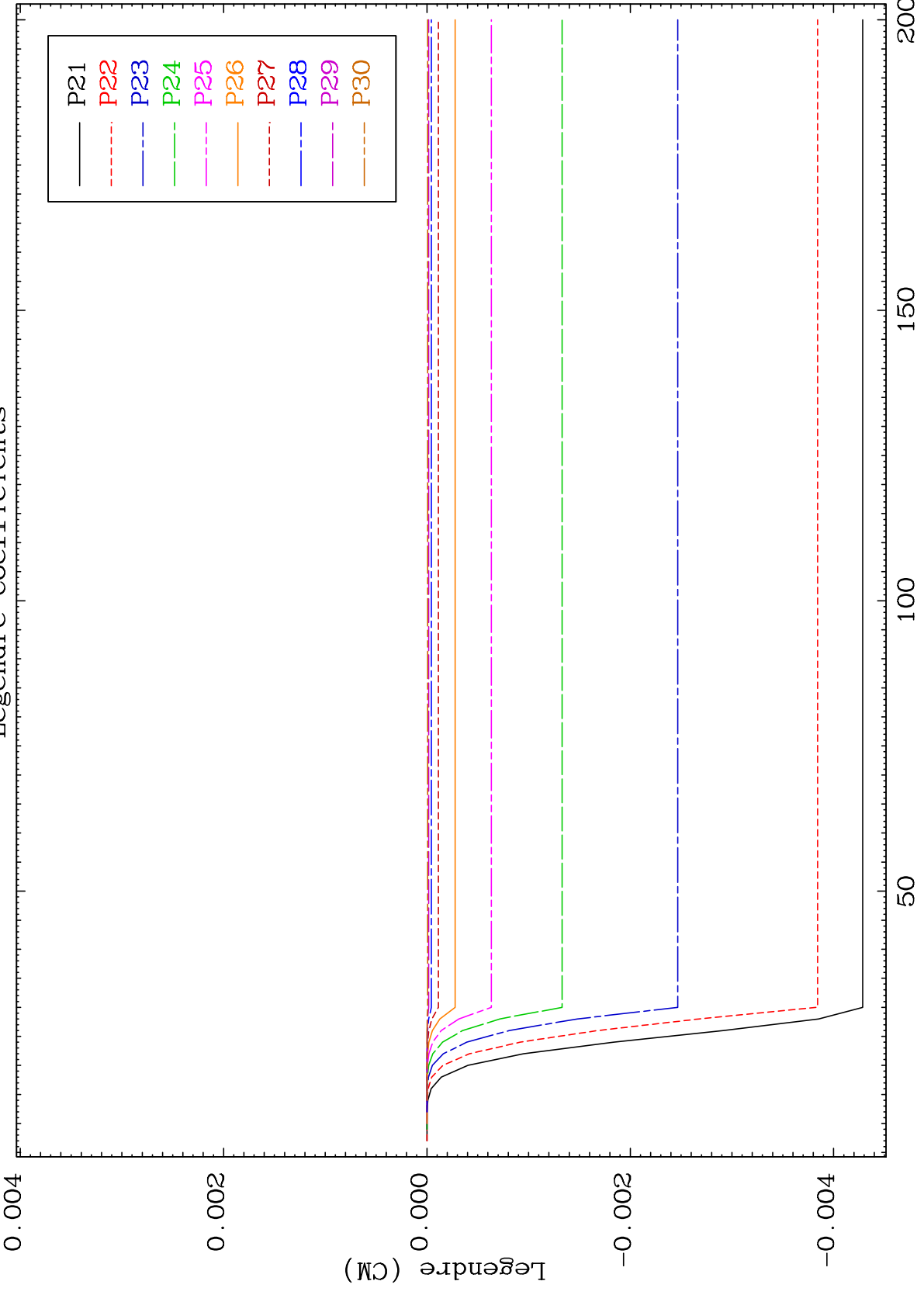
85-At-198



54

85-At-198

MAT 8510 MT= 61 (n,n') Level Legendre Coefficients 85-At-198

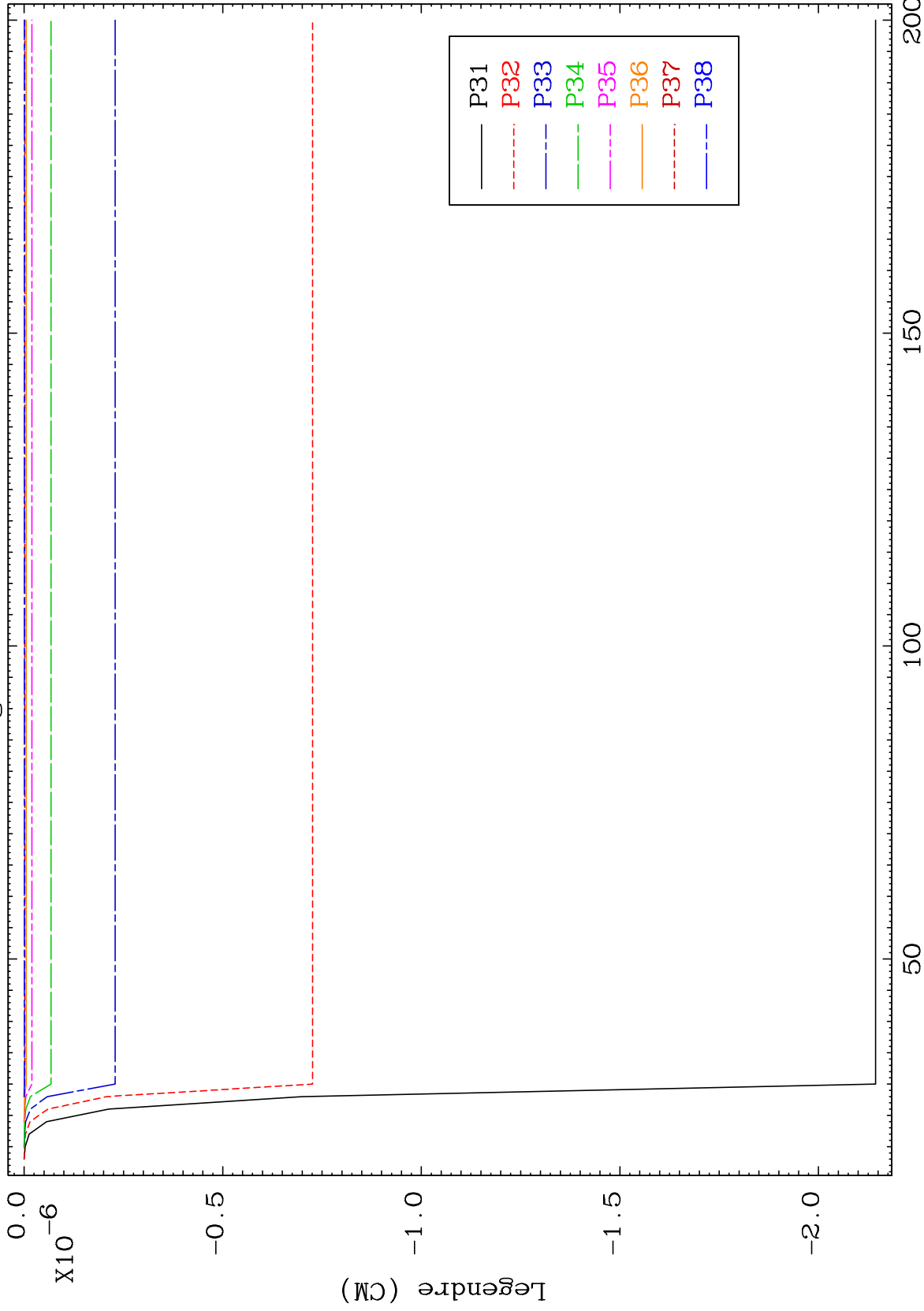


55 Incident Energy (MeV) 85-At-198

MAT 8510

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

85-At-198



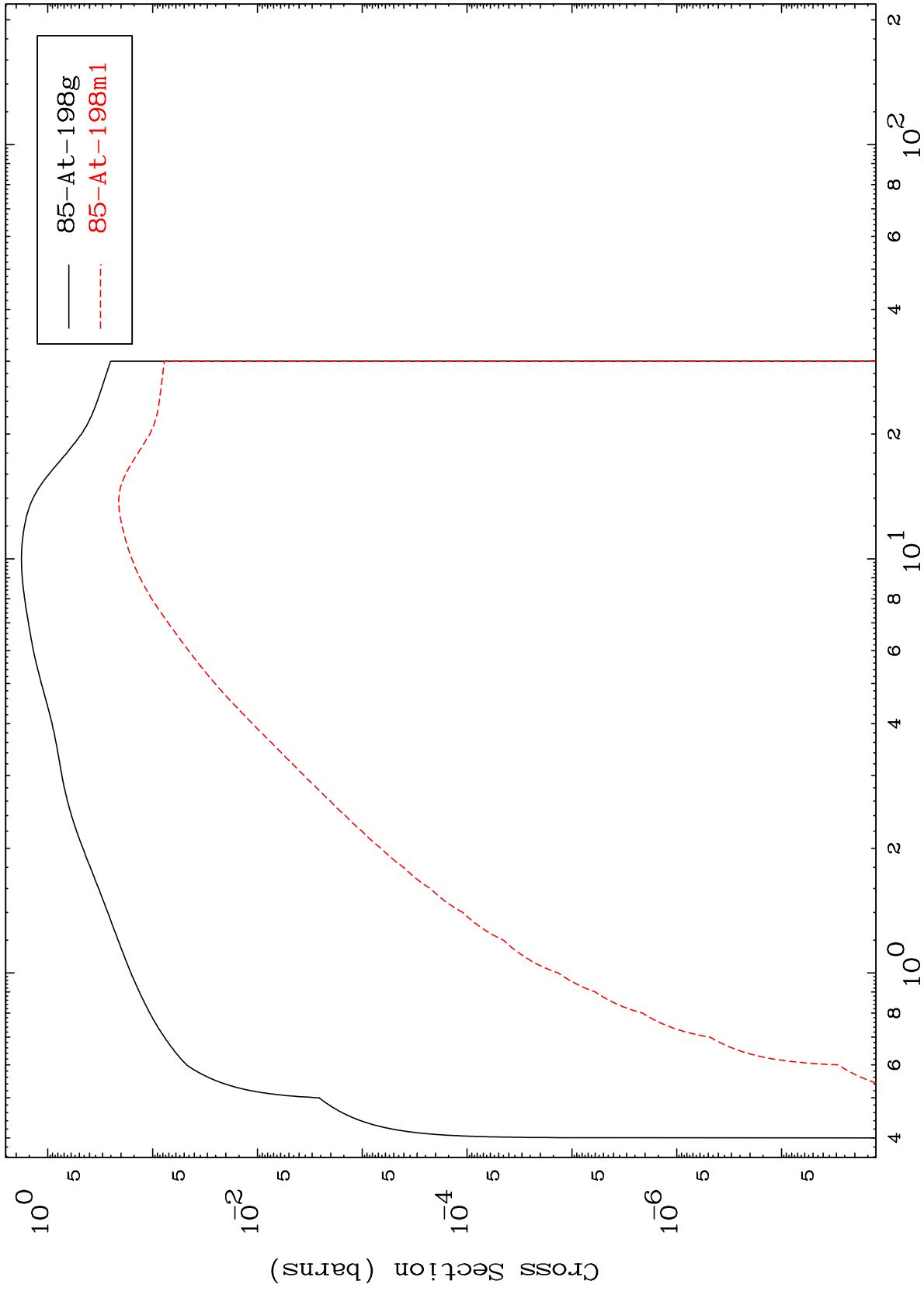
56

85-At-198

MAT 8510

85-At-198

Inelastic Radionuclide Production Cross Section



57

Incident Energy (MeV)

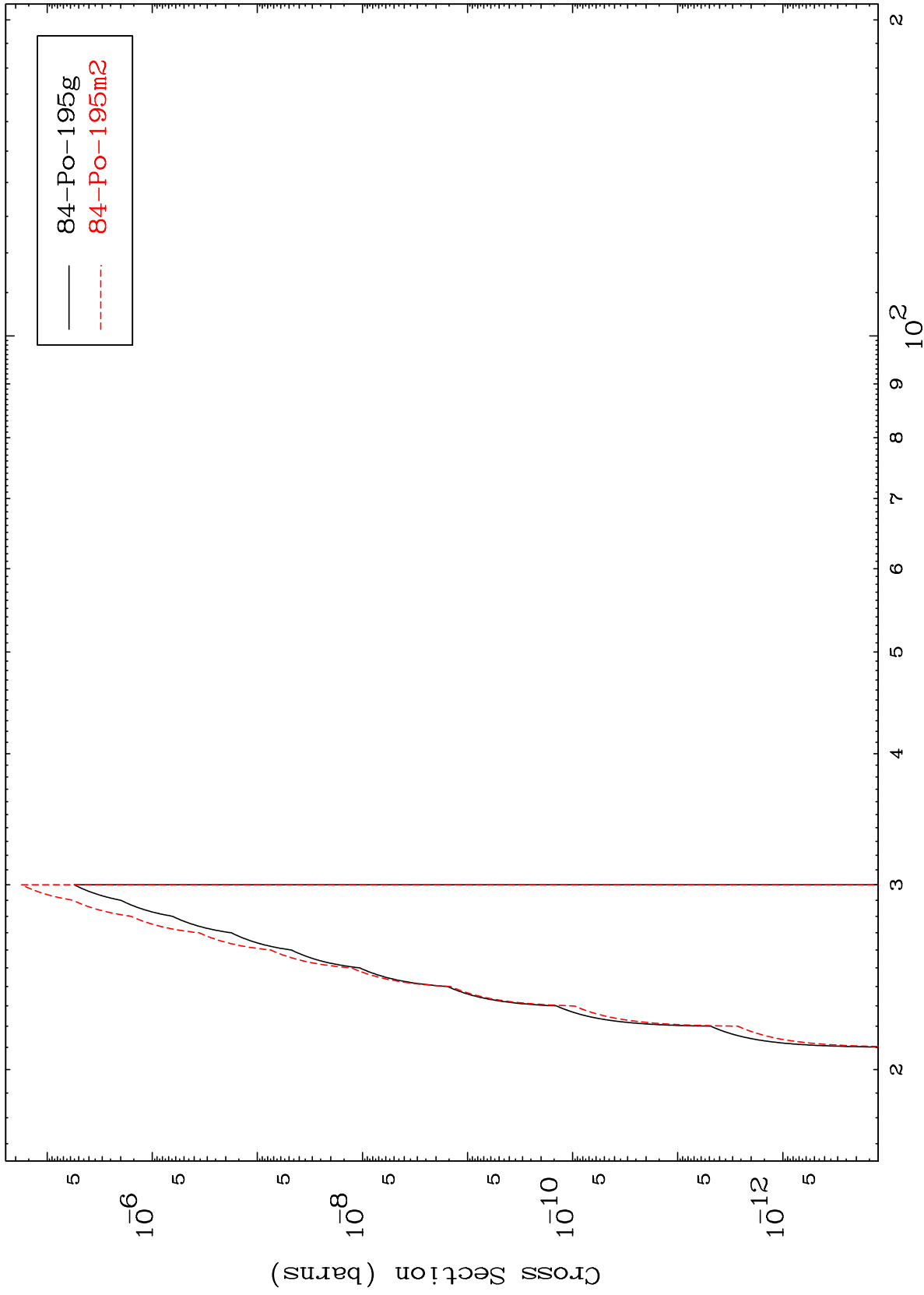
85-At-198

MAT 8510

(n,2n) d

85-At-198

Radionuclide Production Cross Section



58

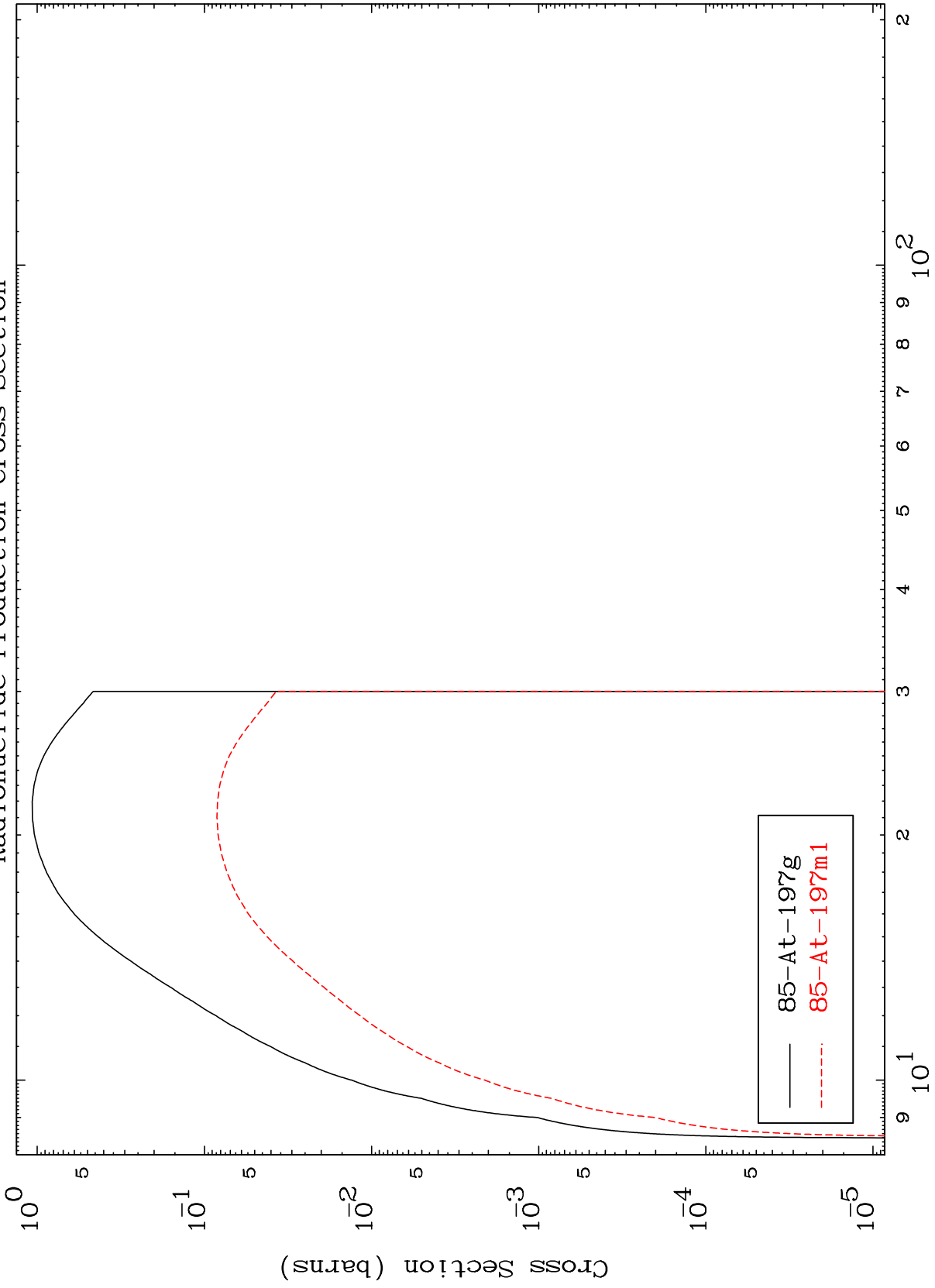
Incident Energy (MeV)

85-At-198

MAT 8510

85-At-198

Radionuclide Production Cross Section
(n,2n)



59

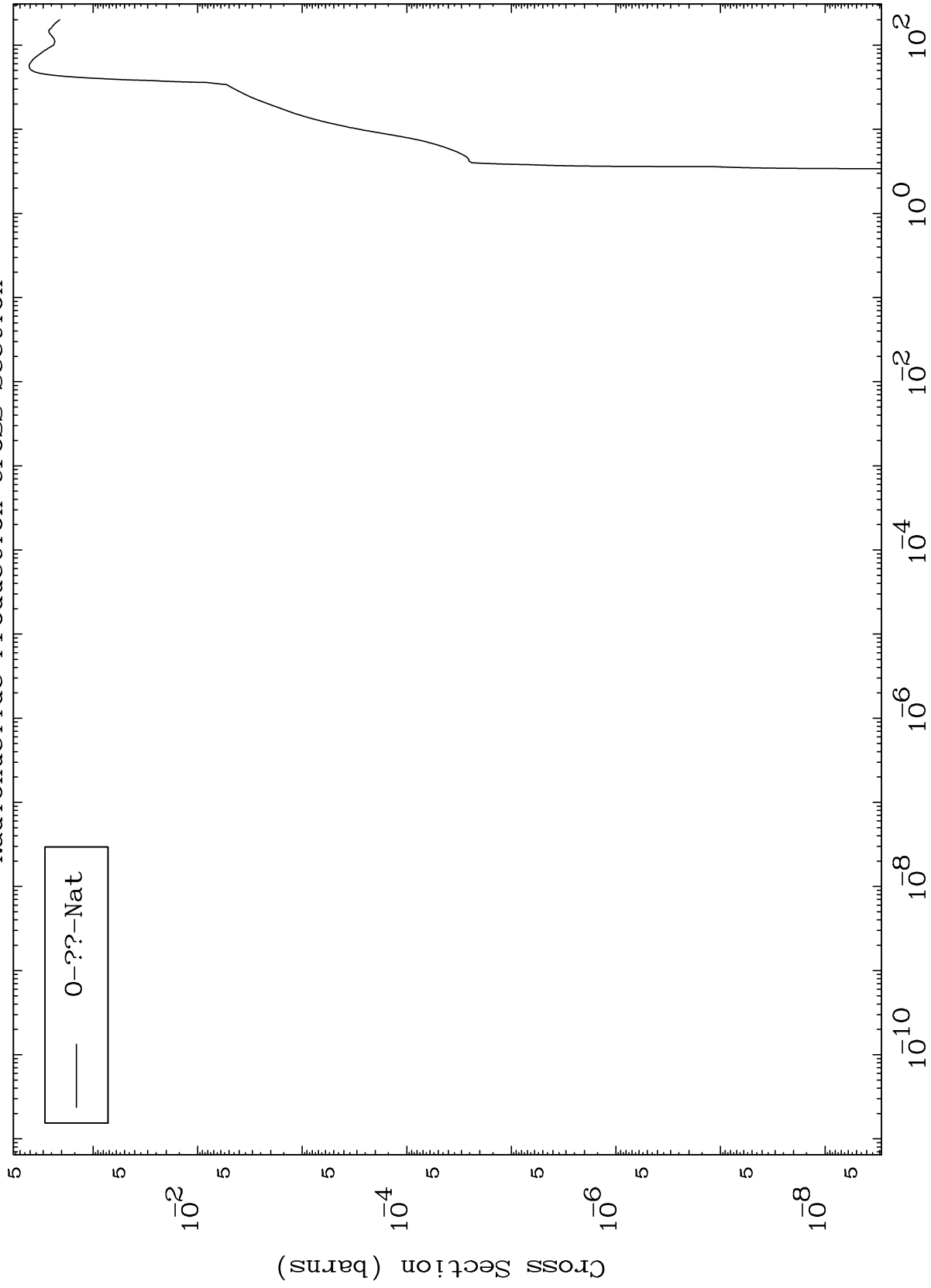
Incident Energy (MeV)

85-At-198

MAT 8510

Fission
Radionuclide Production Cross Section

85-At-198



60

Incident Energy (MeV)

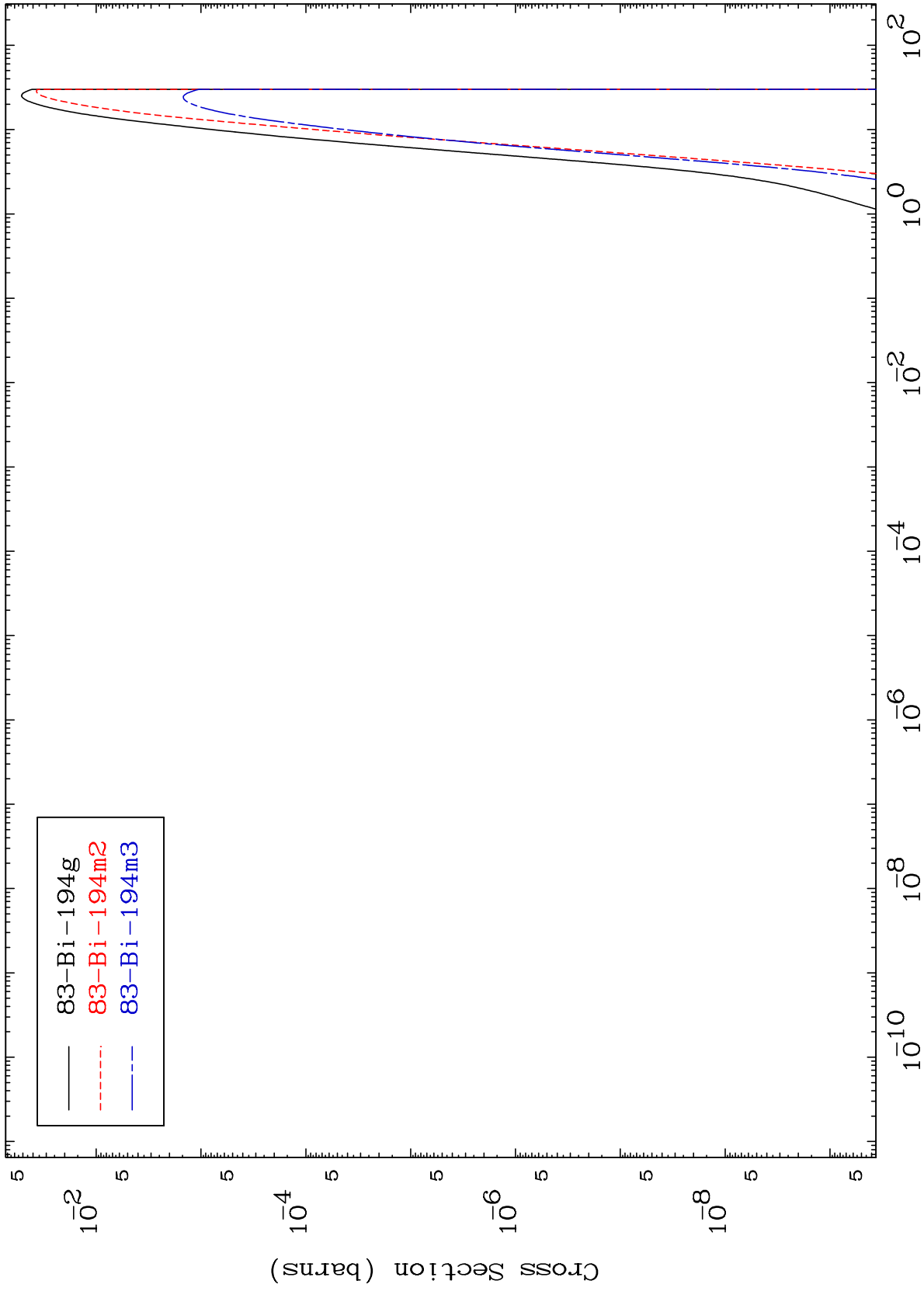
85-At-198

MAT 8510

(n,n') α

85-At-198

Radionuclide Production Cross Section



61

Incident Energy (MeV)

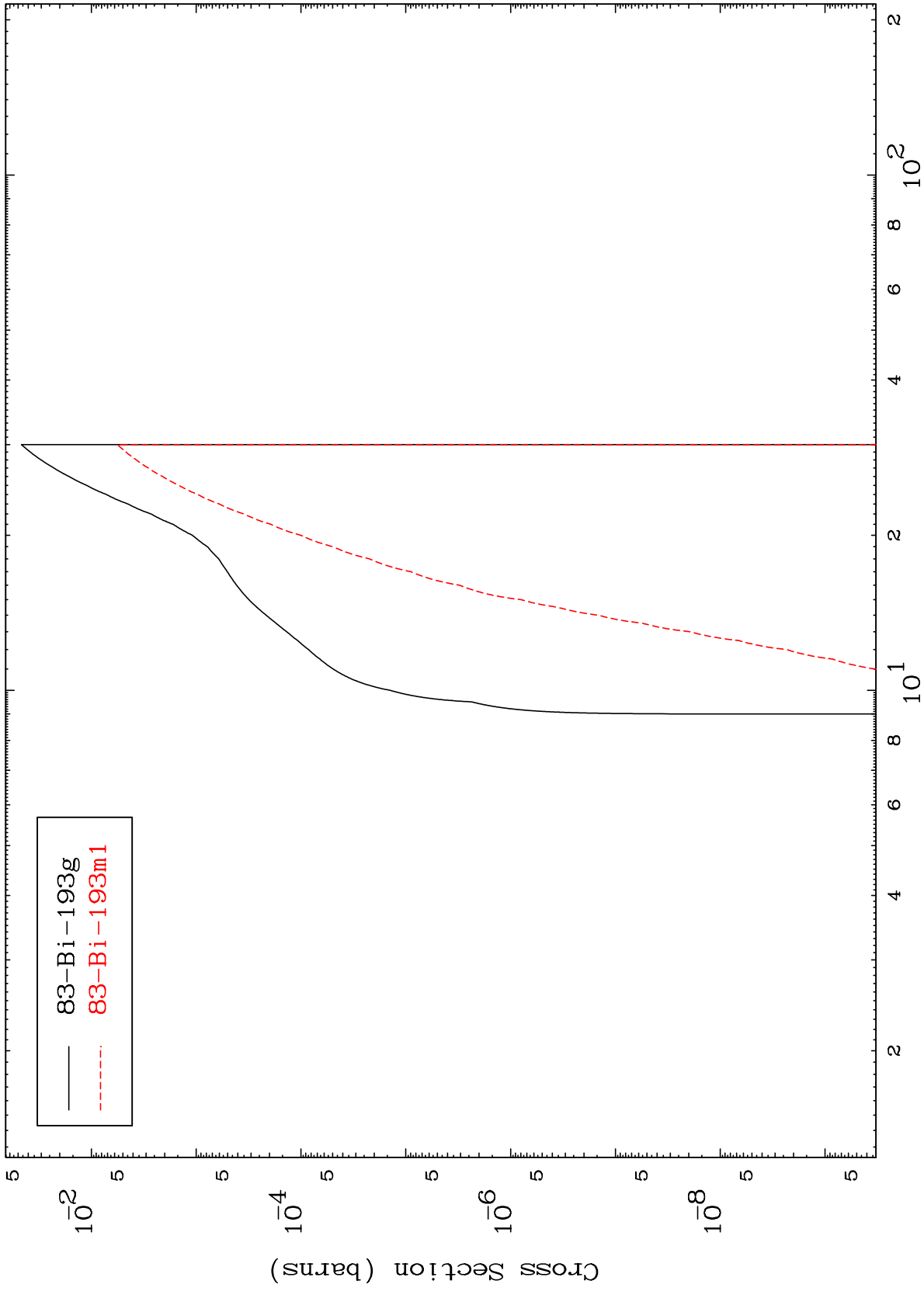
85-At-198

MAT 8510

(n,2n) α

85-At-198

Radionuclide Production Cross Section



62

Incident Energy (MeV)

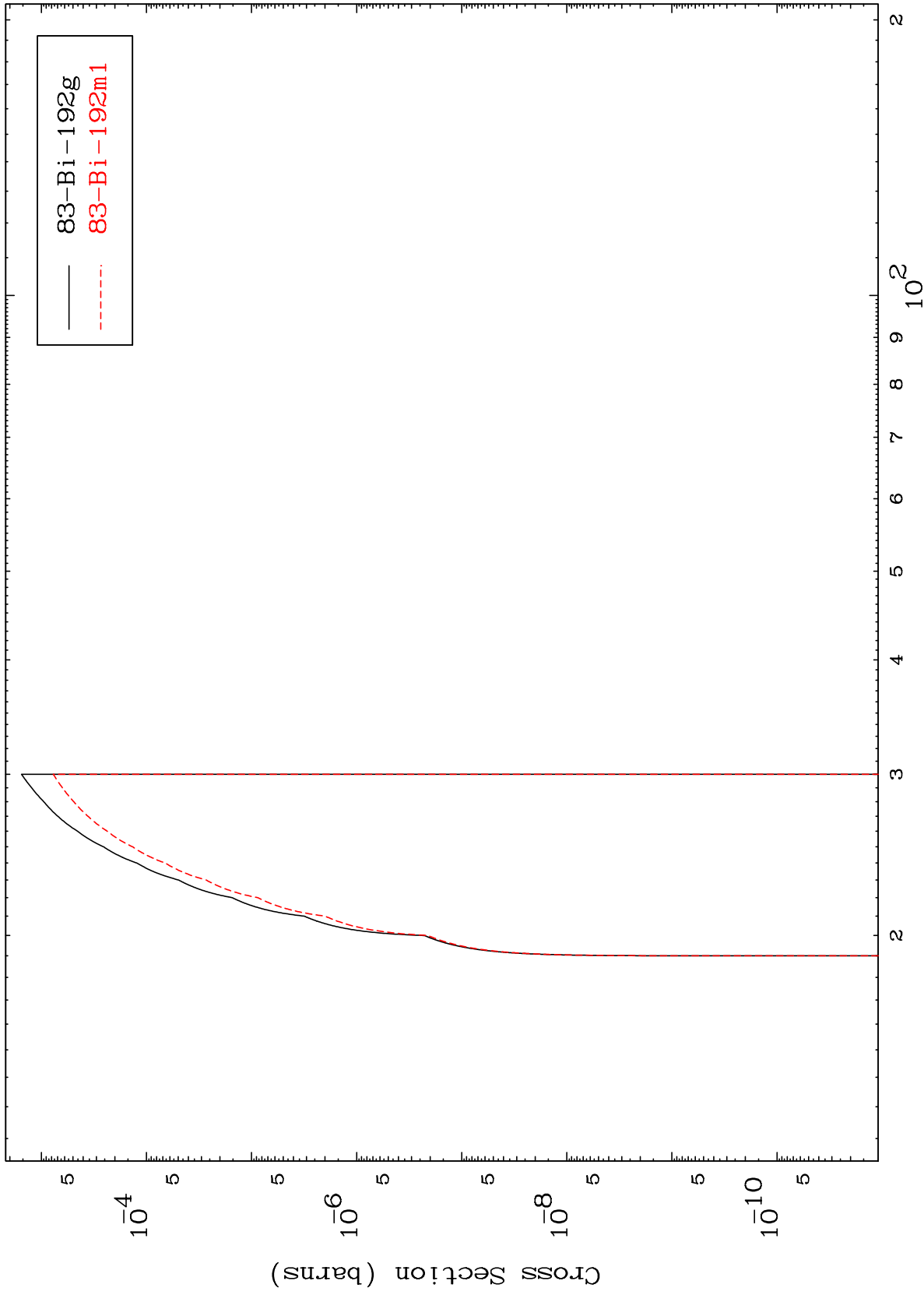
85-At-198

MAT 8510

(n,3n) α

85-At-198

Radionuclide Production Cross Section



63

Incident Energy (MeV)

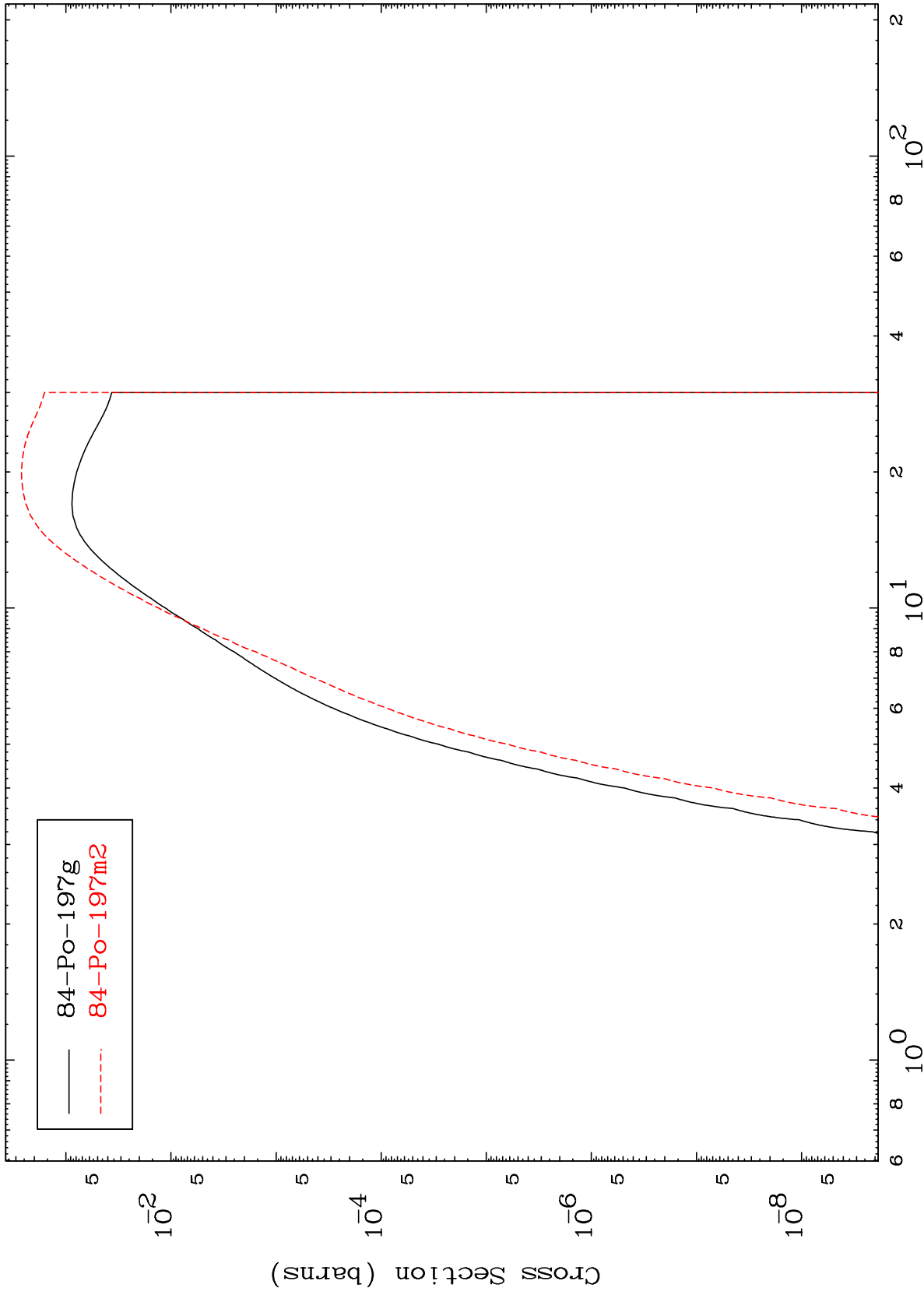
85-At-198

MAT 8510

(n,n') p

85-At-198

Radionuclide Production Cross Section



64

Incident Energy (MeV)

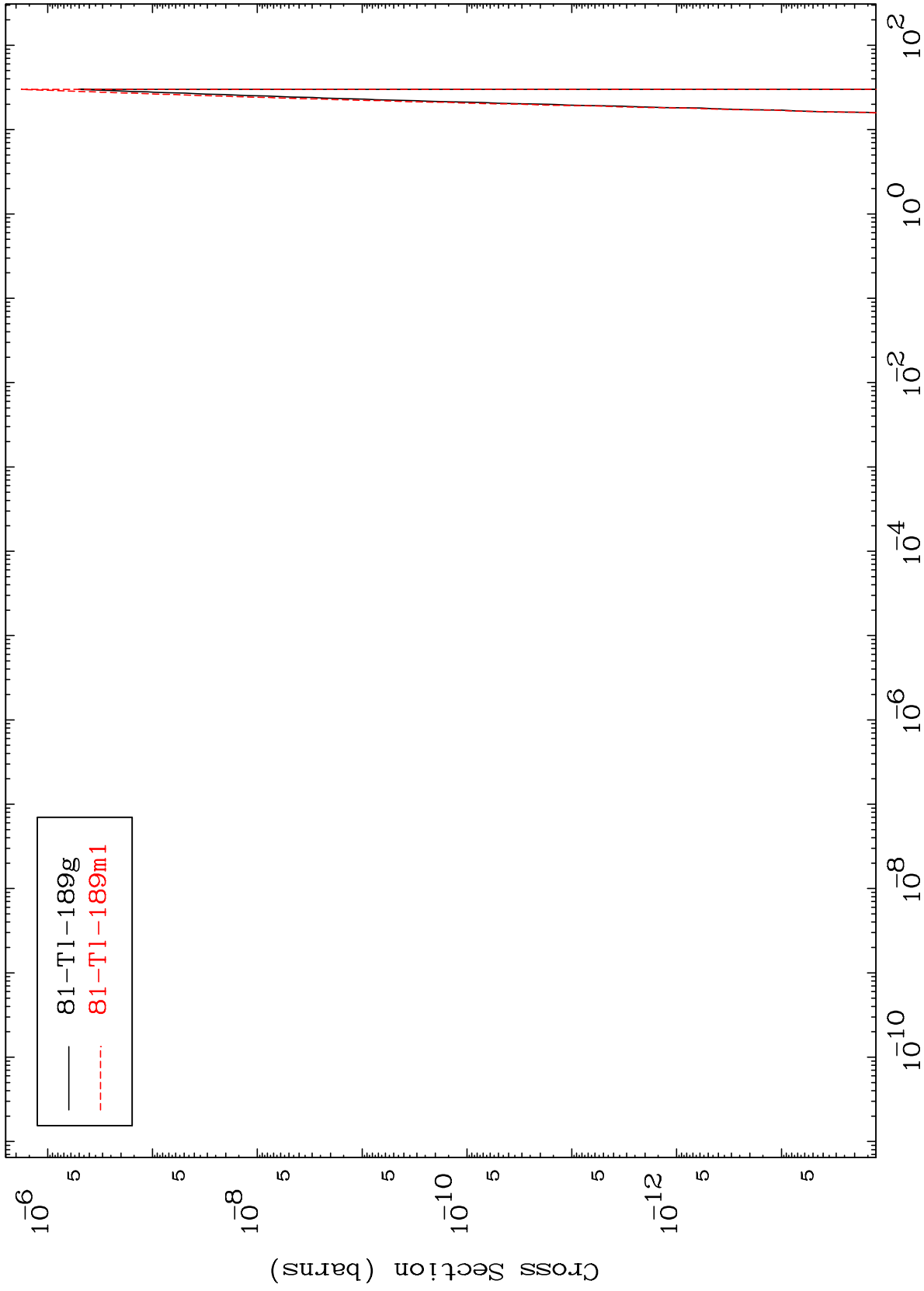
85-At-198

MAT 8510

(n,2n) 2 α

85-At-198

Radionuclide Production Cross Section



65

Incident Energy (MeV)

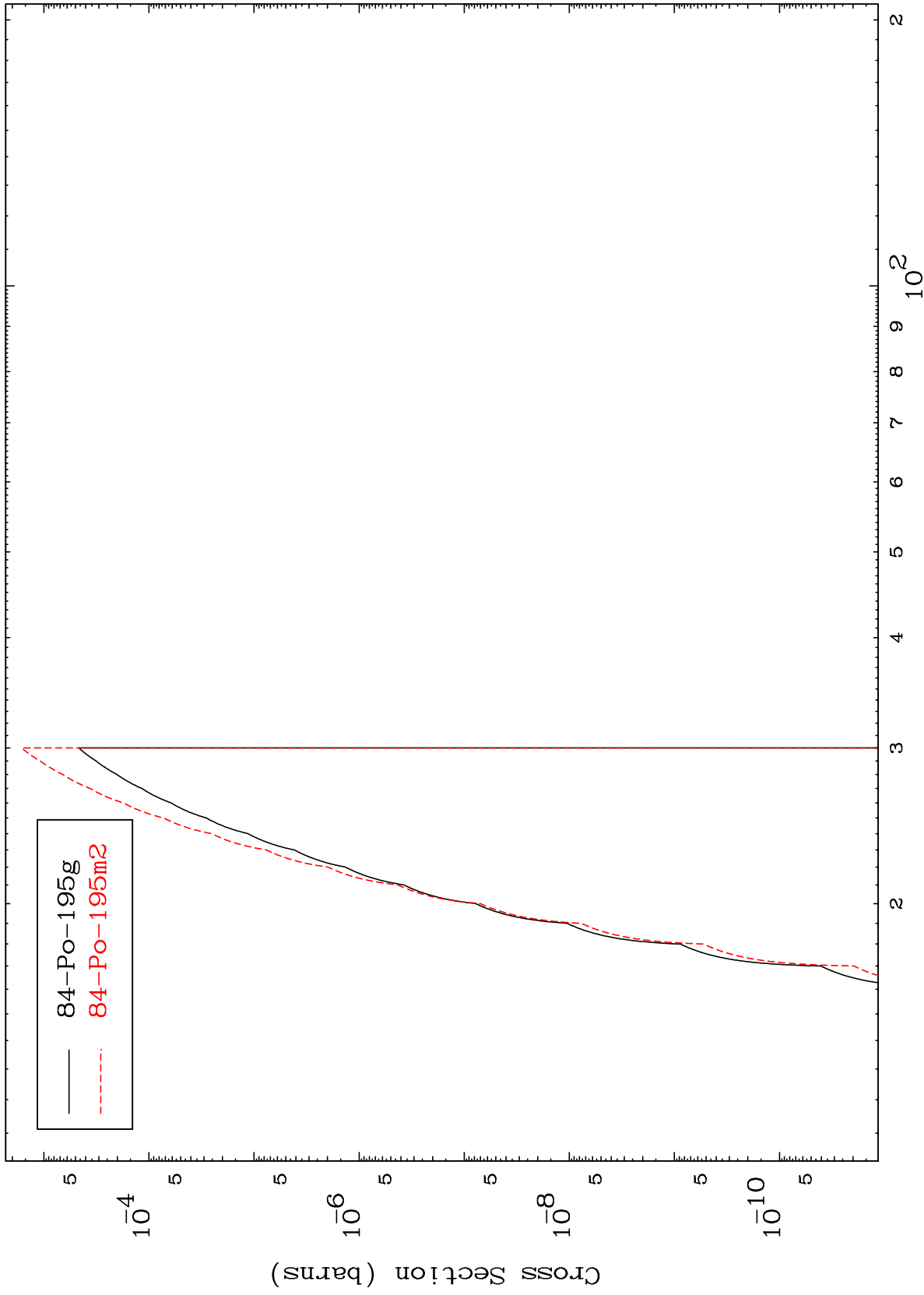
85-At-198

MAT 8510

(n,n') t

85-At-198

Radionuclide Production Cross Section



66

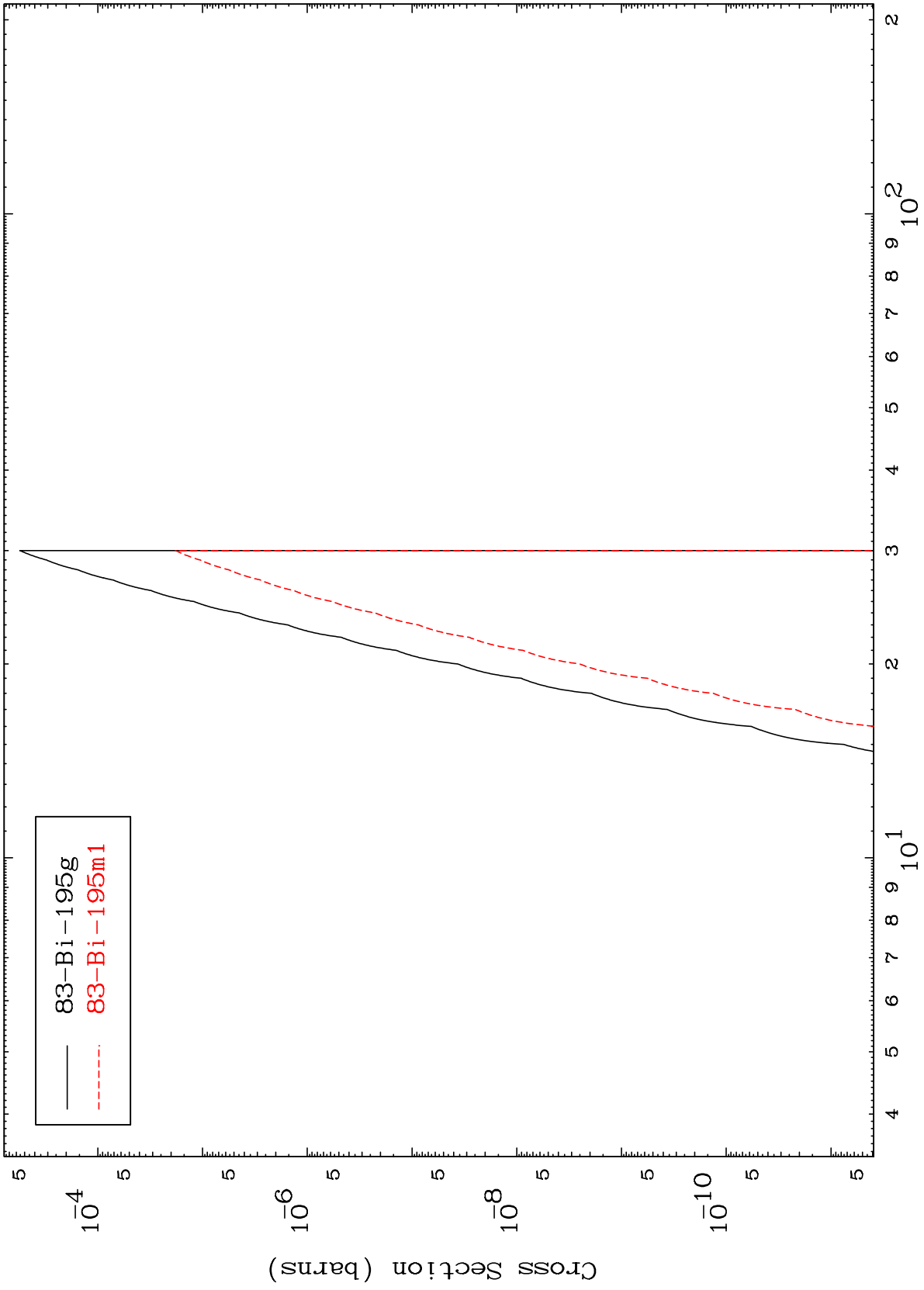
85-At-198

MAT 8510

(n, n') He-3

85-At-198

Radionuclide Production Cross Section



67

Incident Energy (MeV)

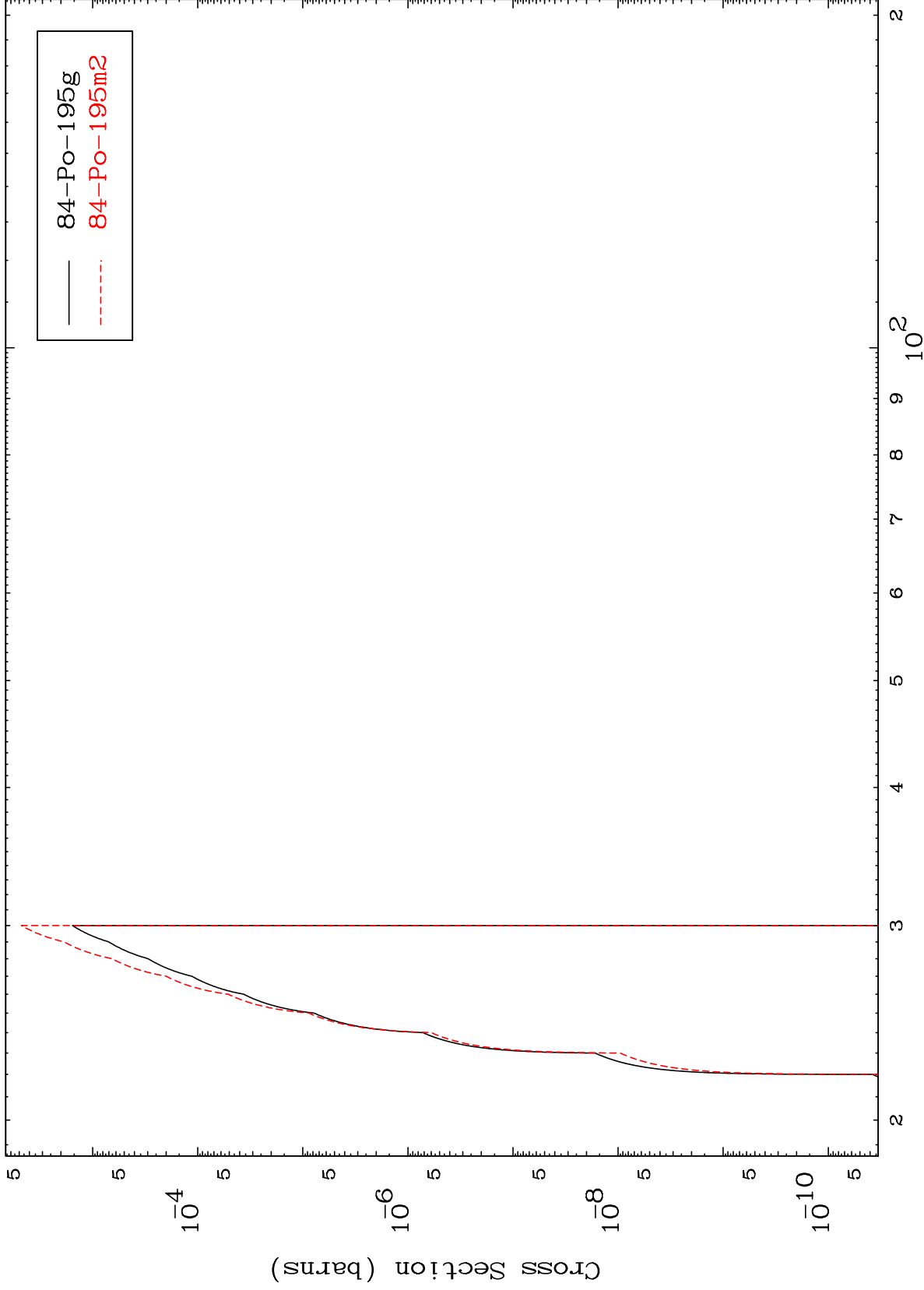
85-At-198

MAT 8510

(n,3n) p

85-At-198

Radionuclide Production Cross Section



68

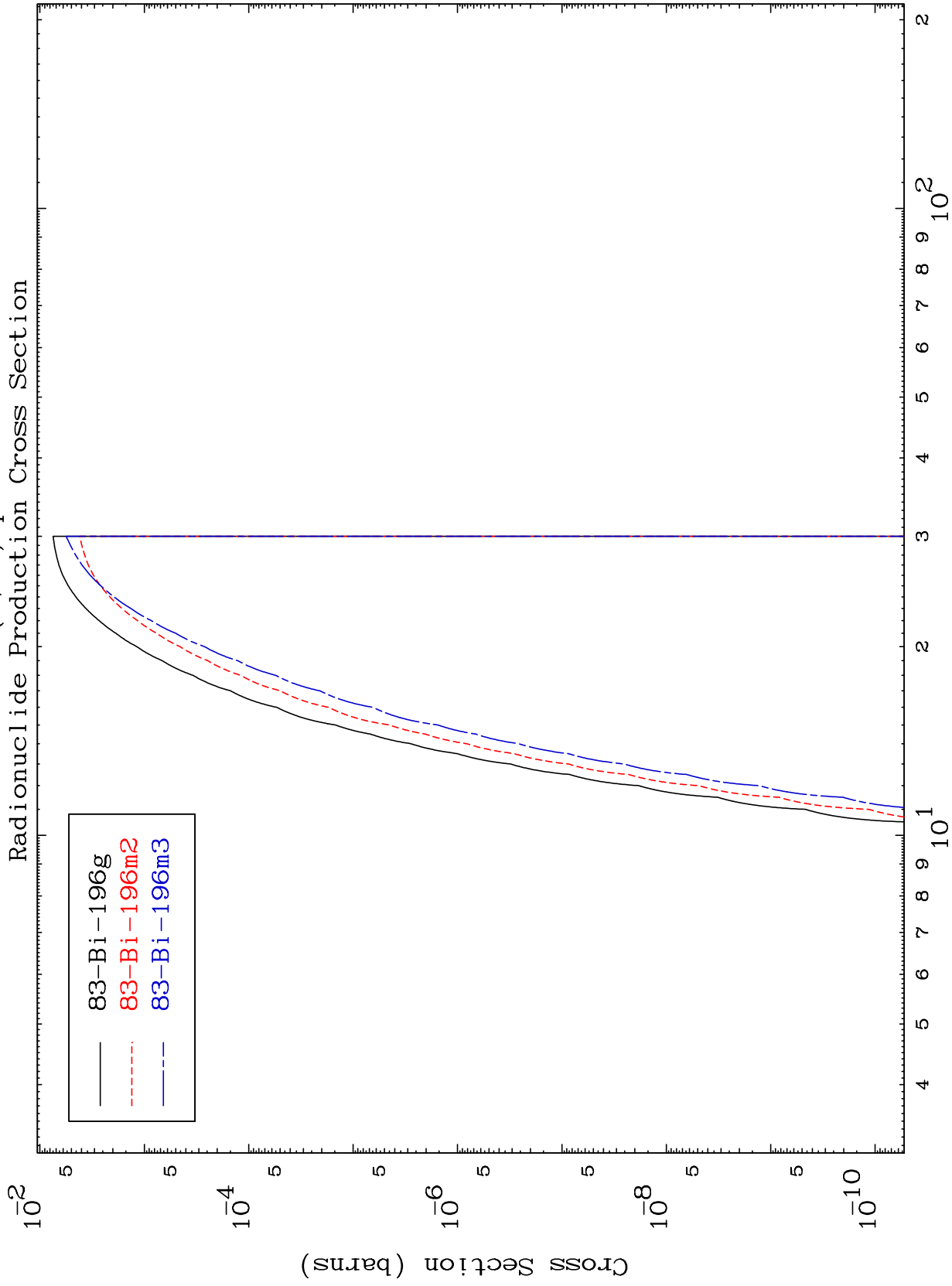
Incident Energy (MeV)

85-At-198

MAT 8510

(n,2n) p

85-At-198



83-Bi-196g
83-Bi-196m2
83-Bi-196m3

69

Incident Energy (MeV)

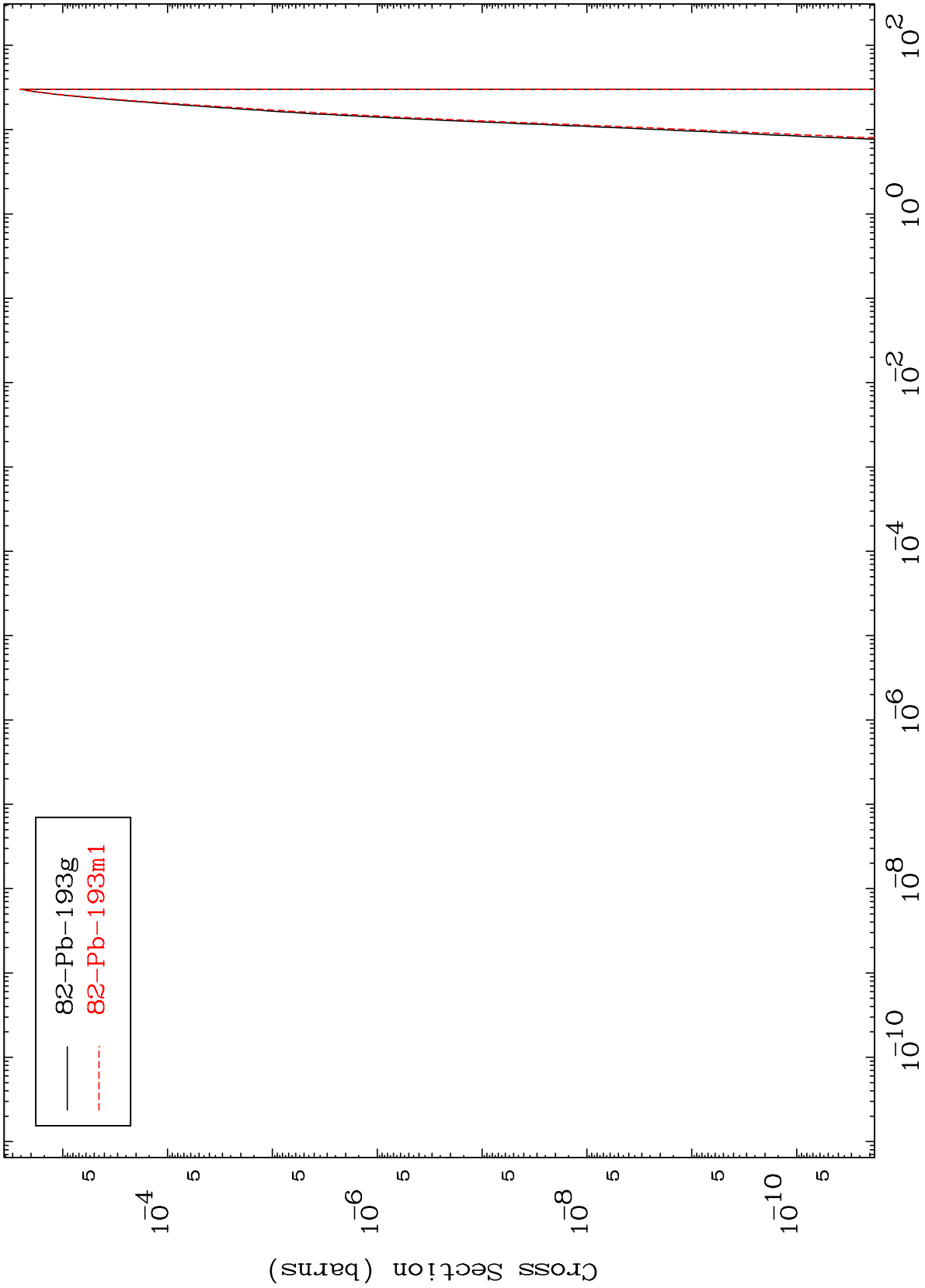
85-At-198

MAT 8510

(n,n') p α

85-At-198

Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

70

Incident Energy (MeV)

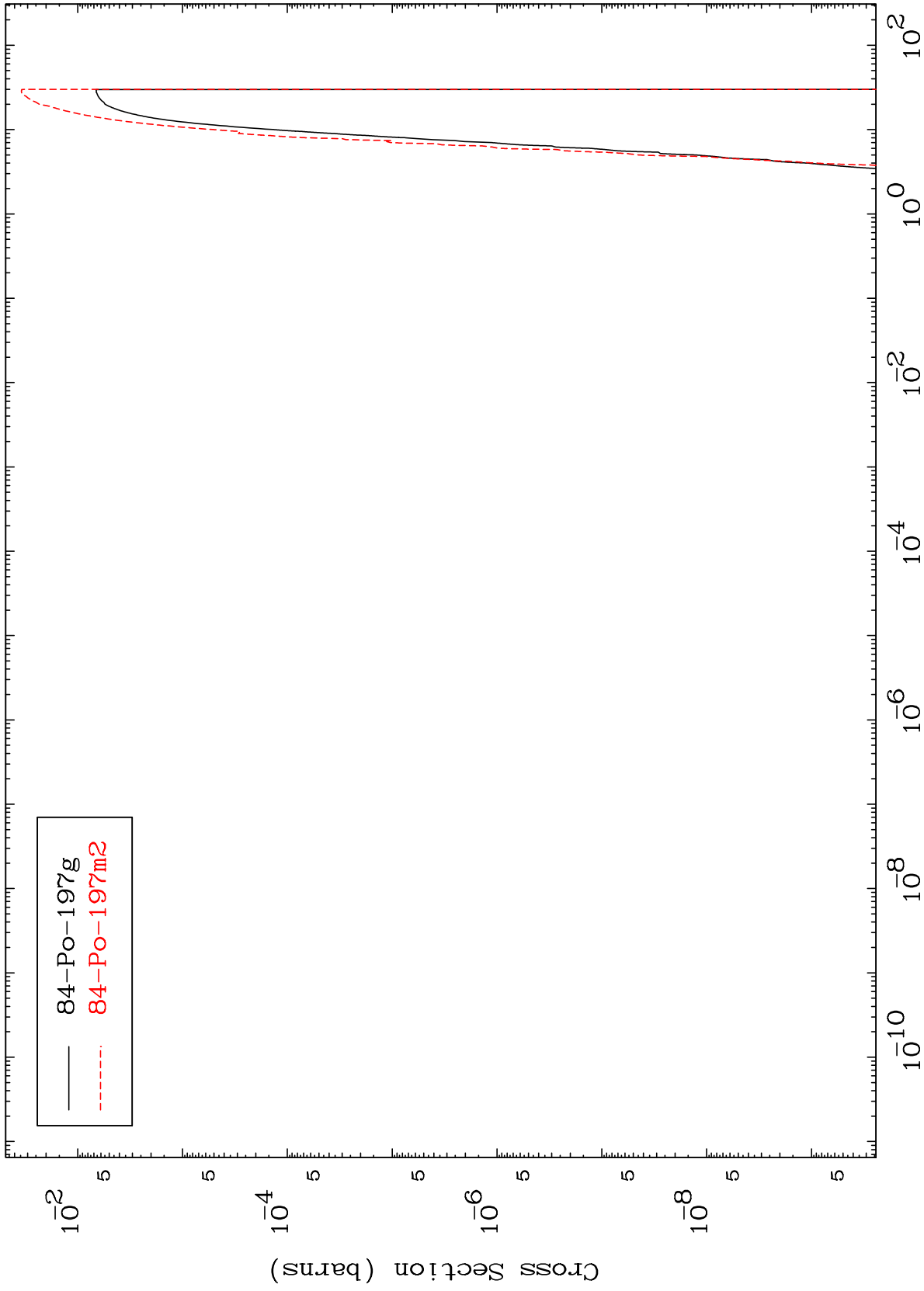
85-At-198

MAT 8510

(n,d)

85-At-198

Radionuclide Production Cross Section



71

Incident Energy (MeV)

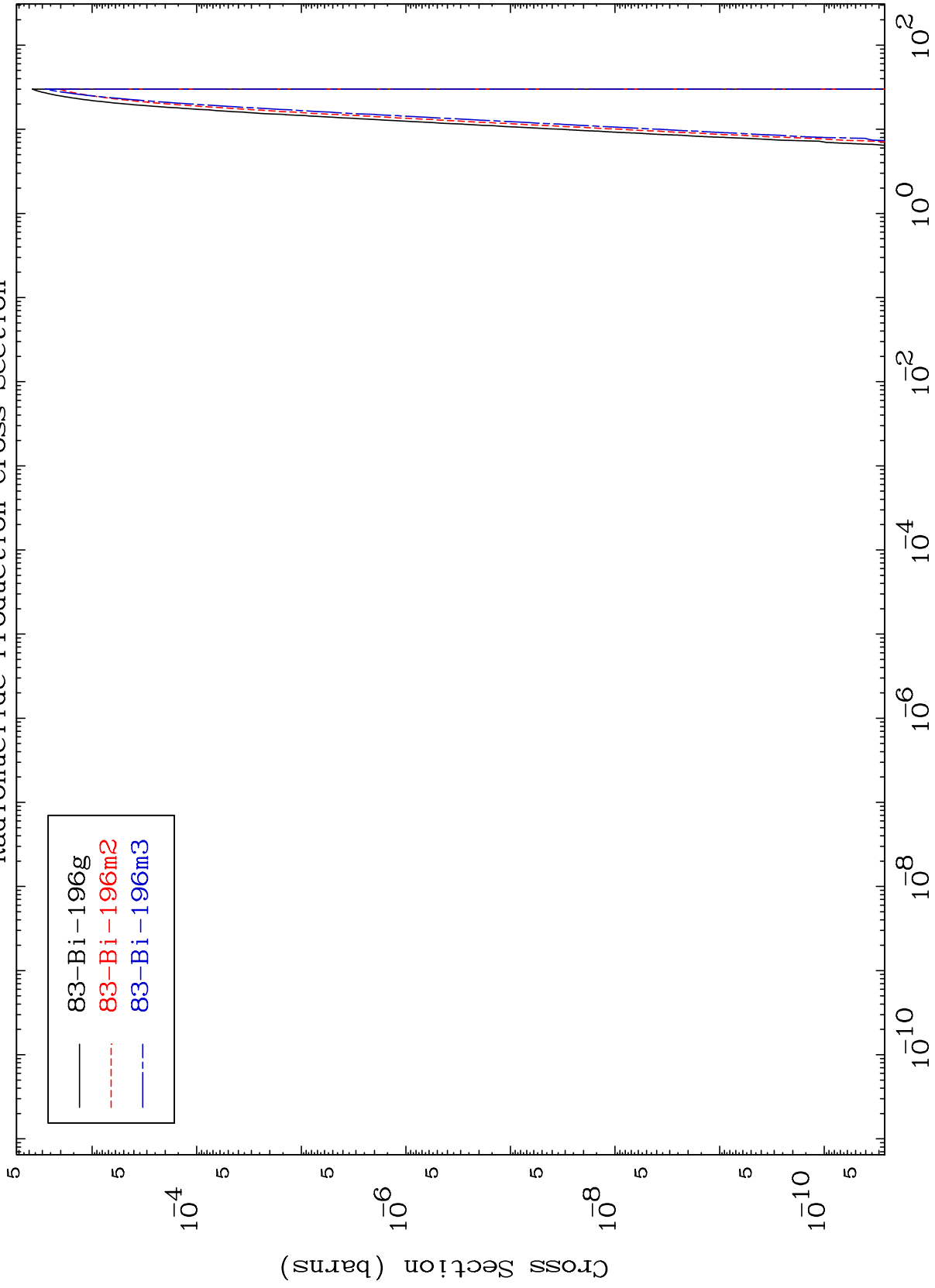
85-At-198

MAT 8510

(n,He-3)

85-At-198

Radionuclide Production Cross Section



72

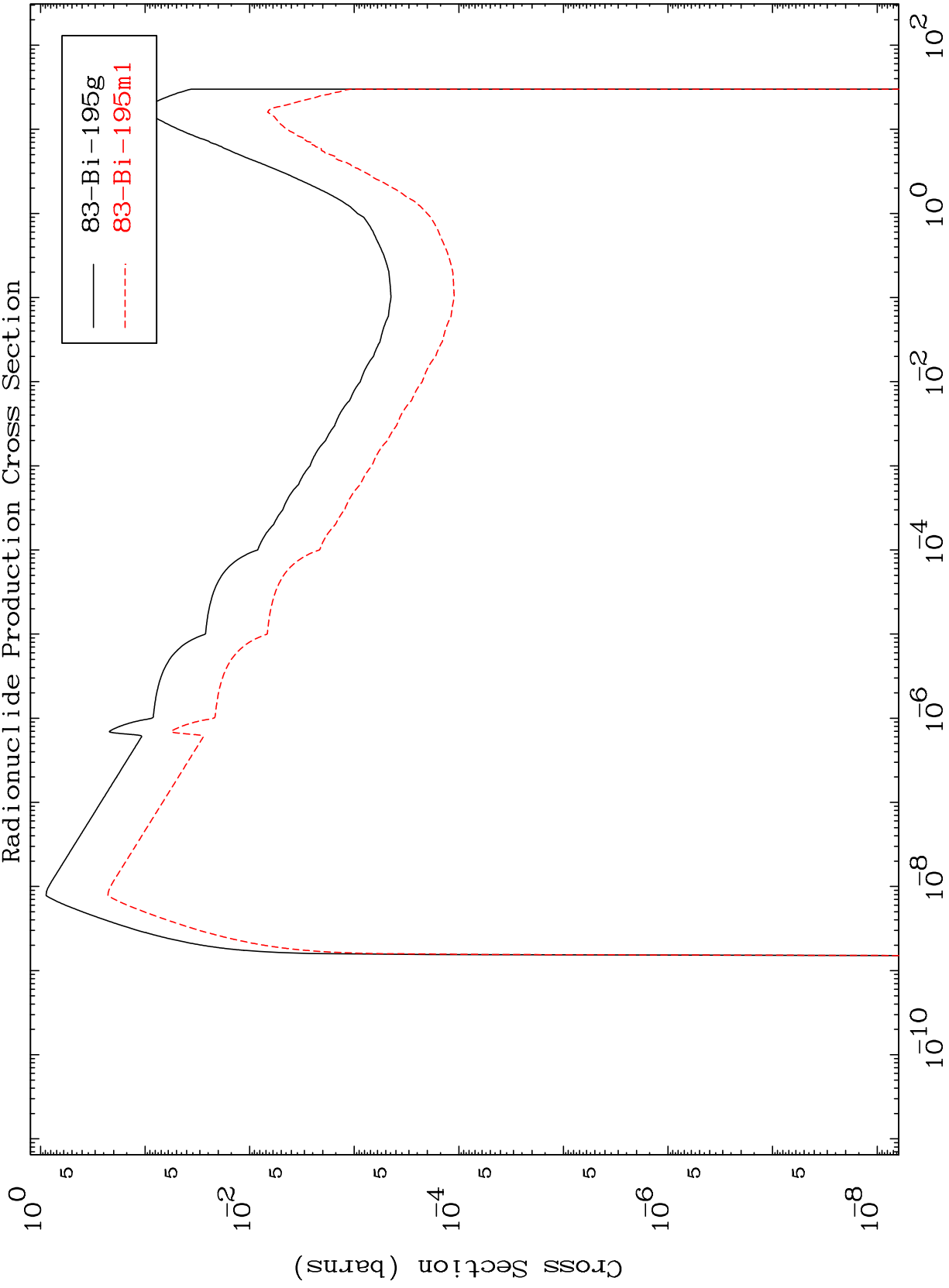
Incident Energy (MeV)

85-At-198

MAT 8510

85-At-198

(n,α)
Radionuclide Production Cross Section



73

Incident Energy (MeV)

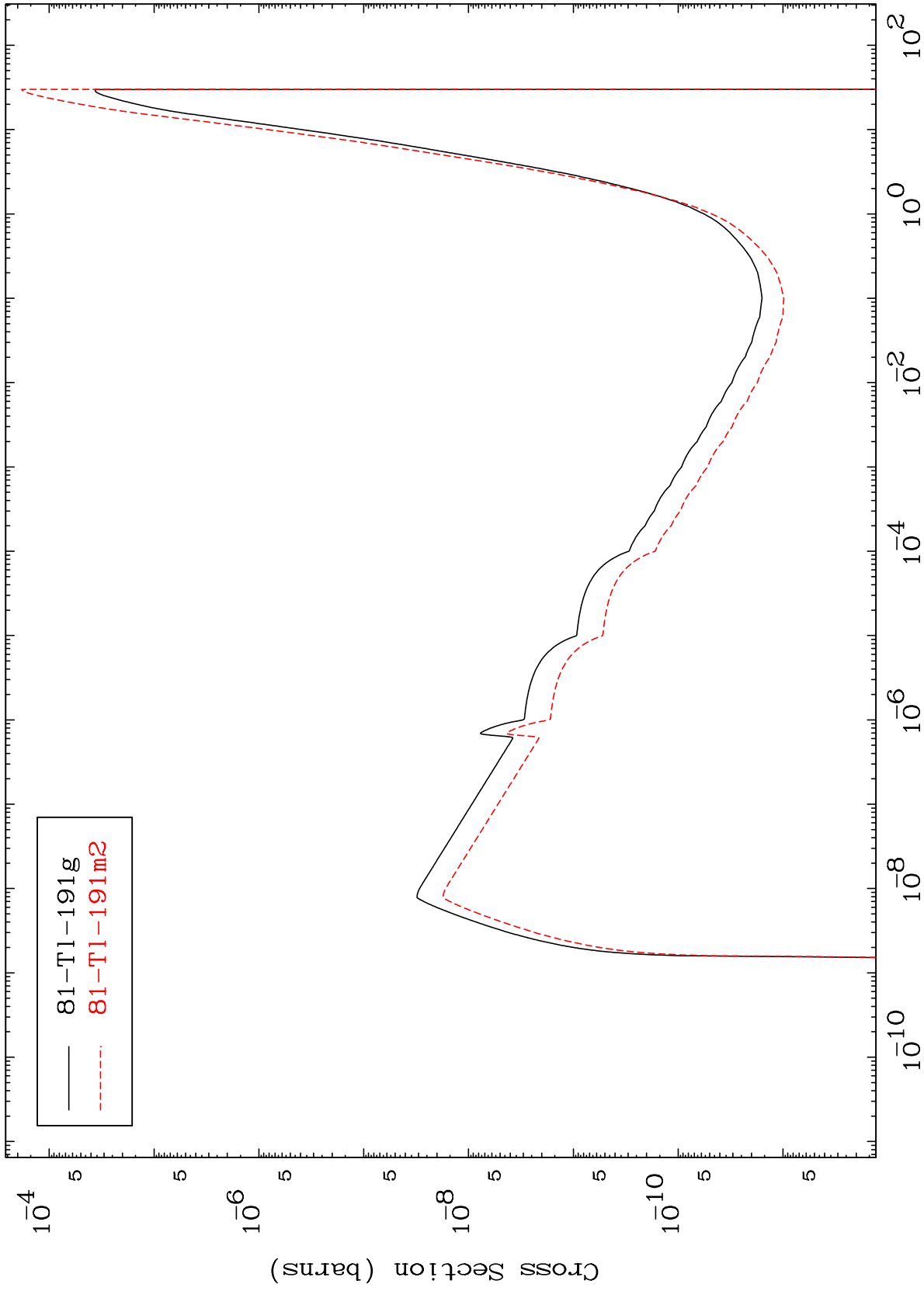
85-At-198

MAT 8510

(n,2α)

85-At-198

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

74

Incident Energy (MeV)

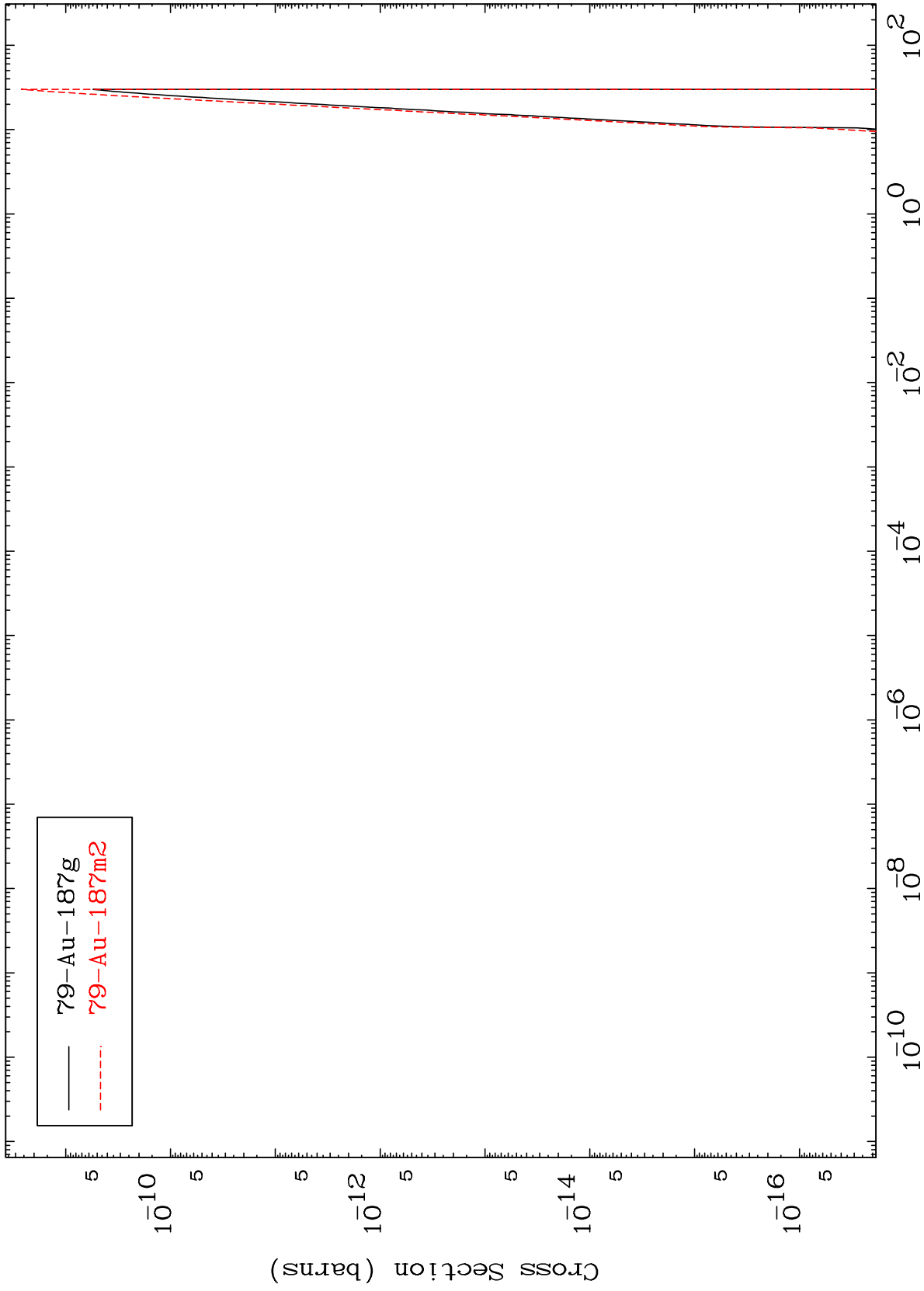
85-At-198

MAT 8510

(n,3α)

85-At-198

Radionuclide Production Cross Section



75

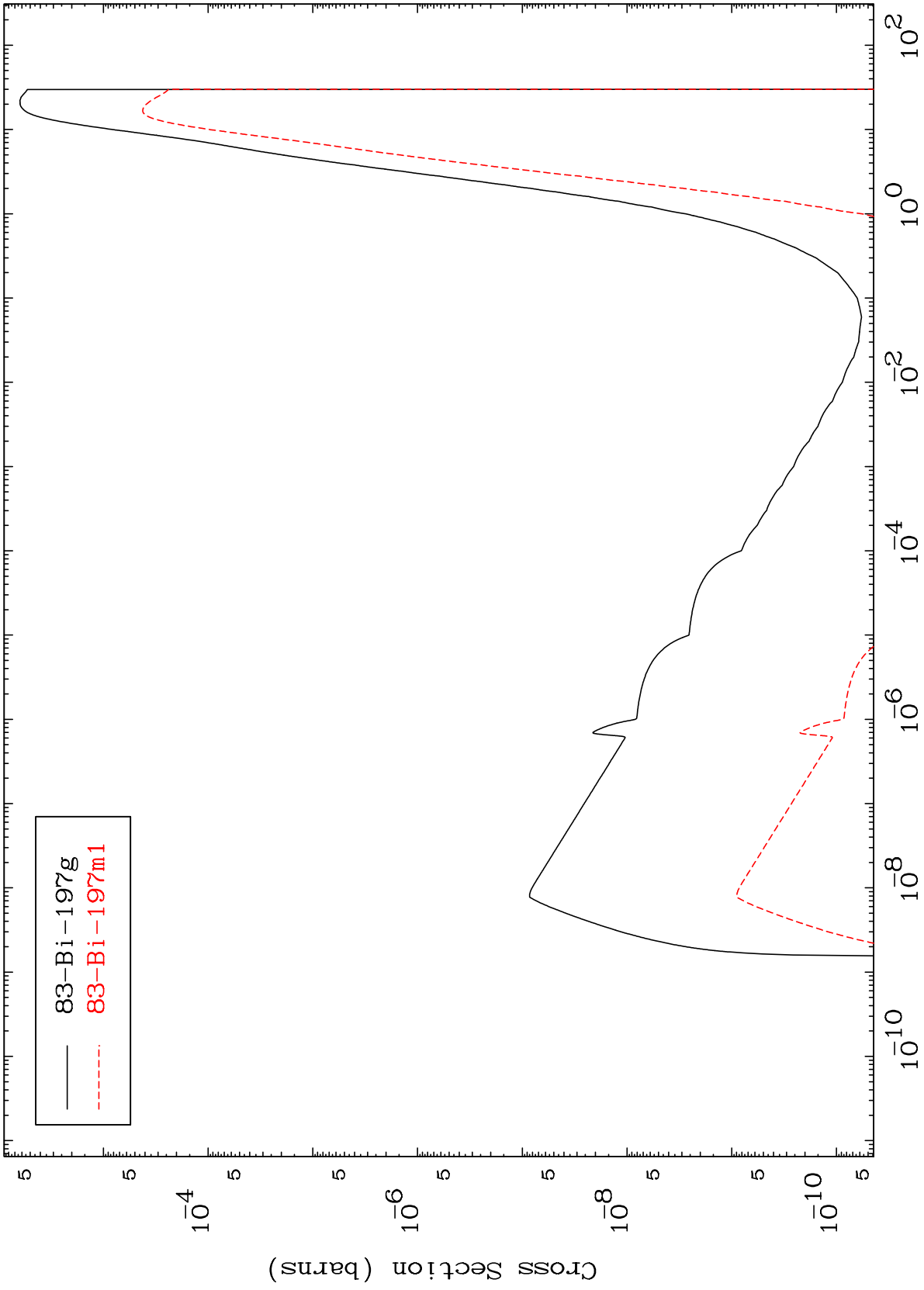
Incident Energy (MeV)

85-At-198

MAT 8510

Radionuclide Production Cross Section
(n,2p)

85-At-198



76

Incident Energy (MeV)

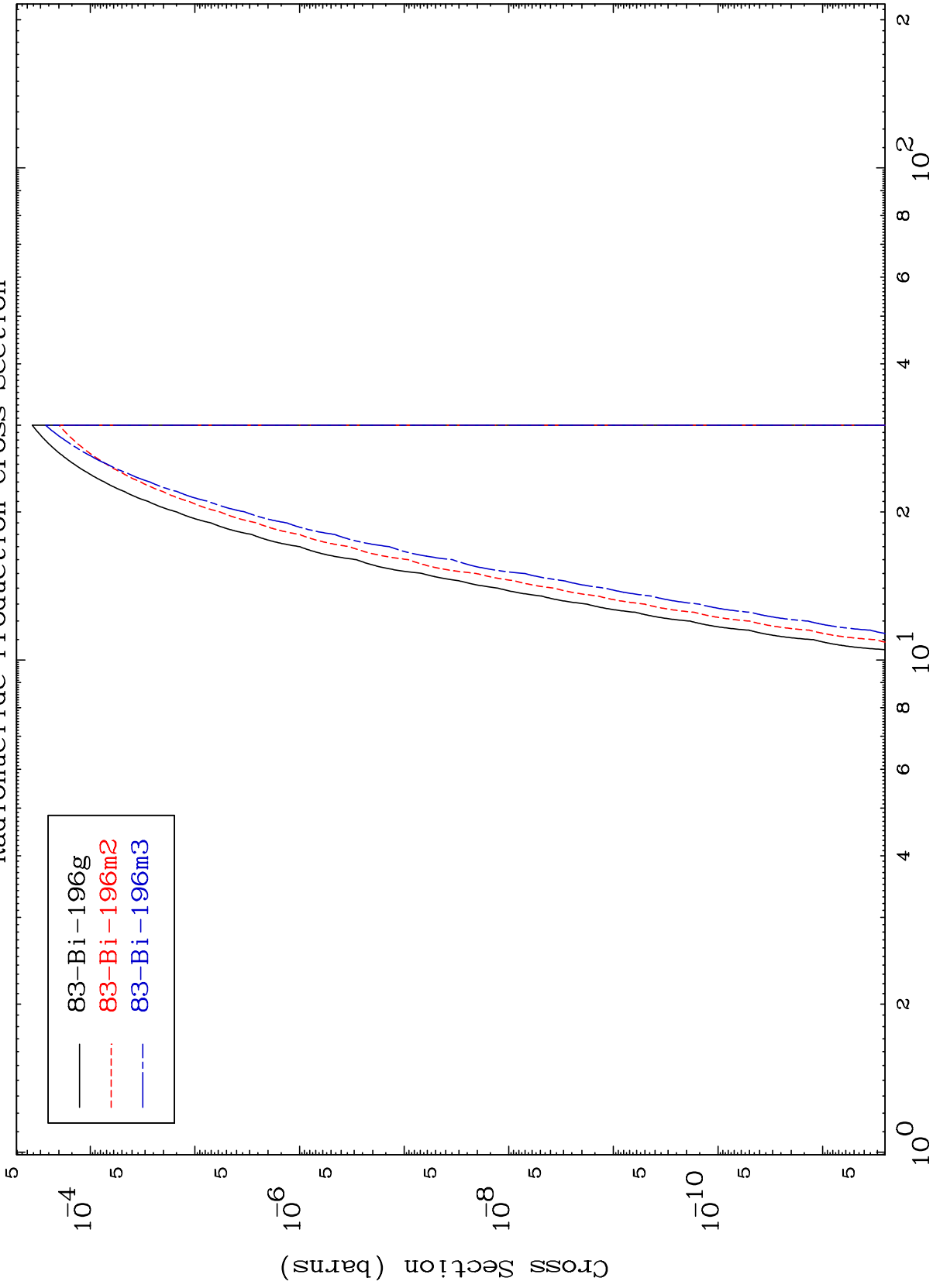
85-At-198

MAT 8510

(n,p) d

85-At-198

Radionuclide Production Cross Section



77

Incident Energy (MeV)

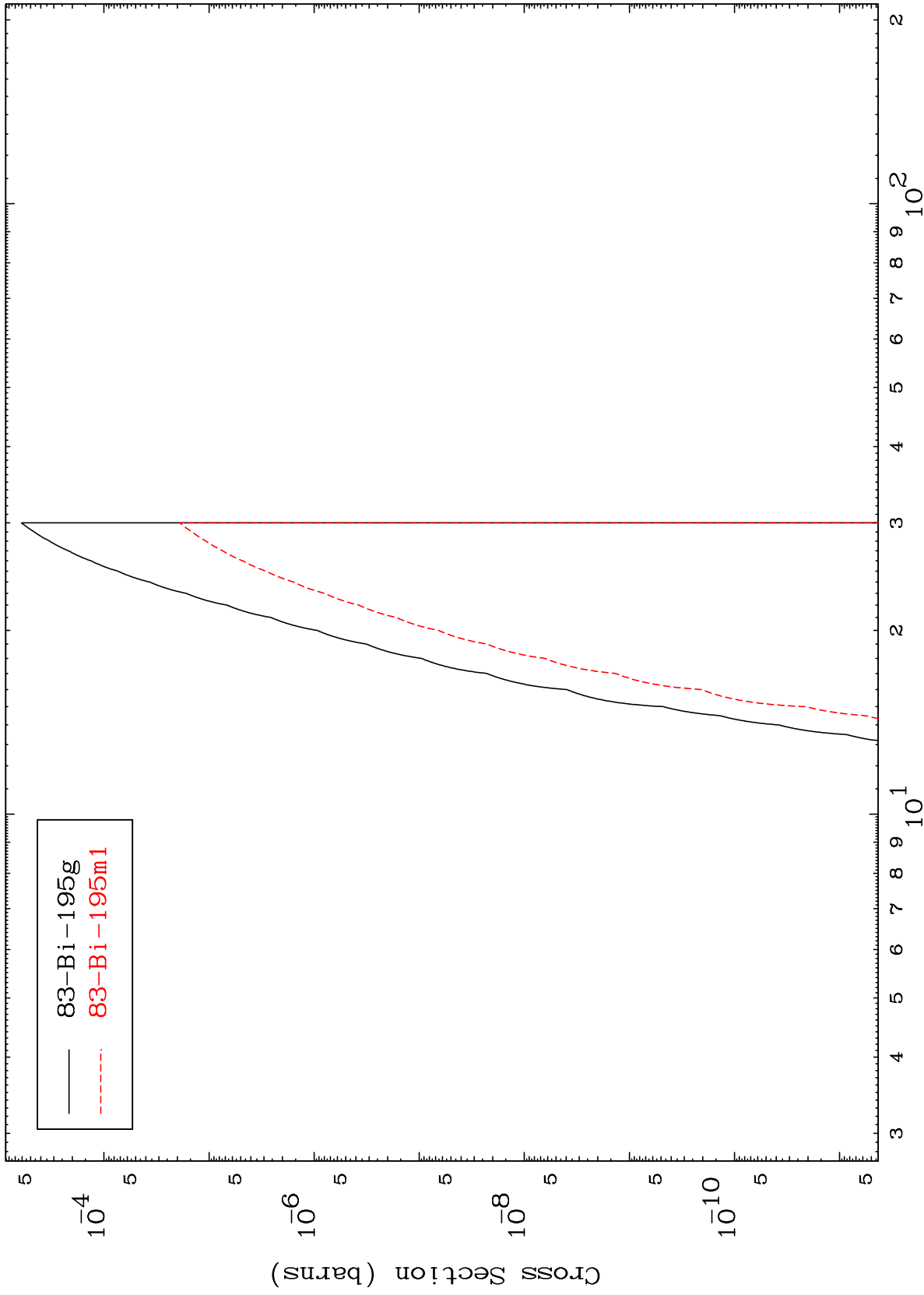
85-At-198

MAT 8510

(n,p) t

85-At-198

Radionuclide Production Cross Section



78

Incident Energy (MeV)

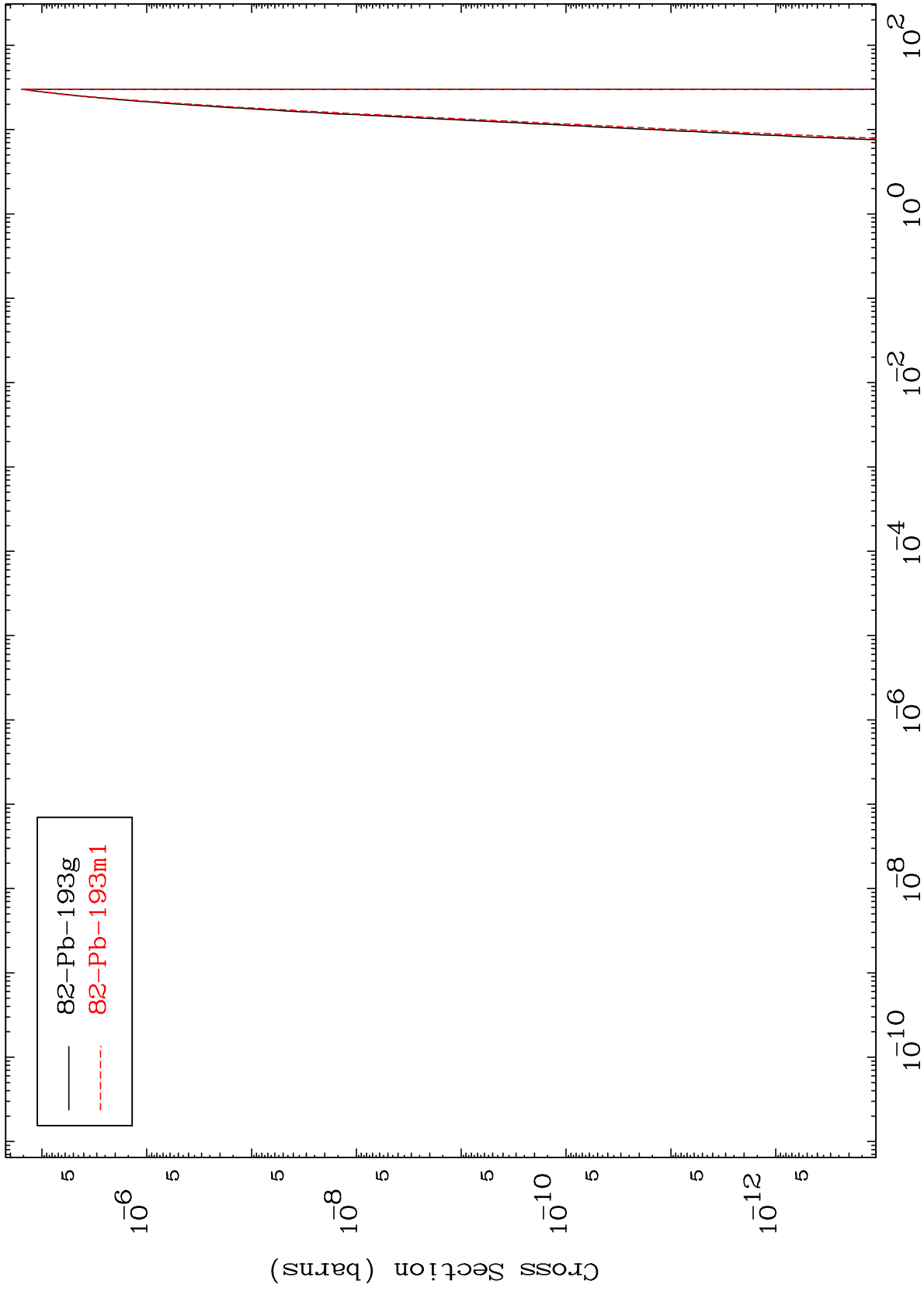
85-At-198

MAT 8510

(n,d) α

85-At-198

Radionuclide Production Cross Section



79

Incident Energy (MeV)

85-At-198