

Program EVALPLOT  
(Version 2018-1)

by

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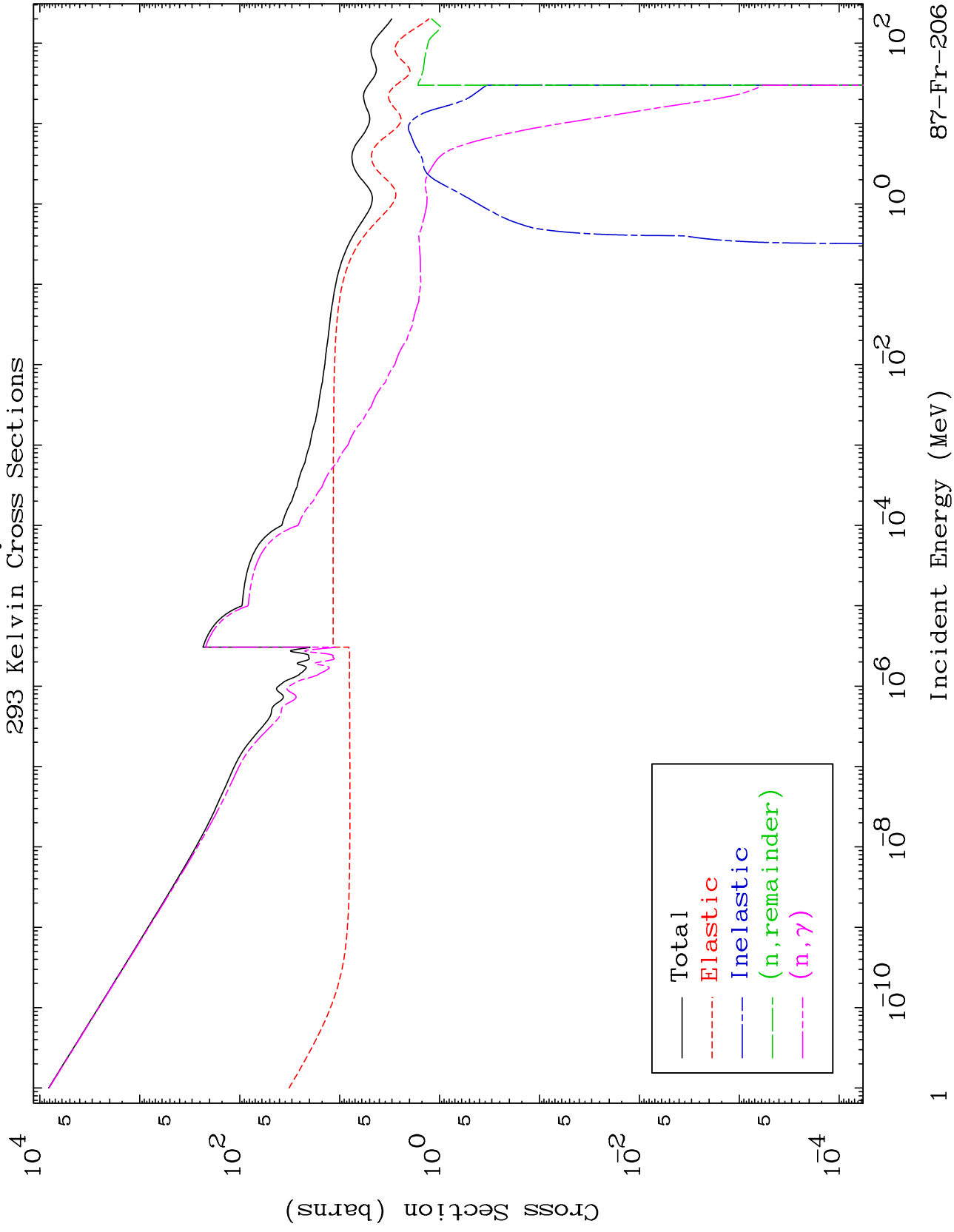
Press Mouse Button to Start

MAT 8707

Major

293 Kelvin Cross Sections

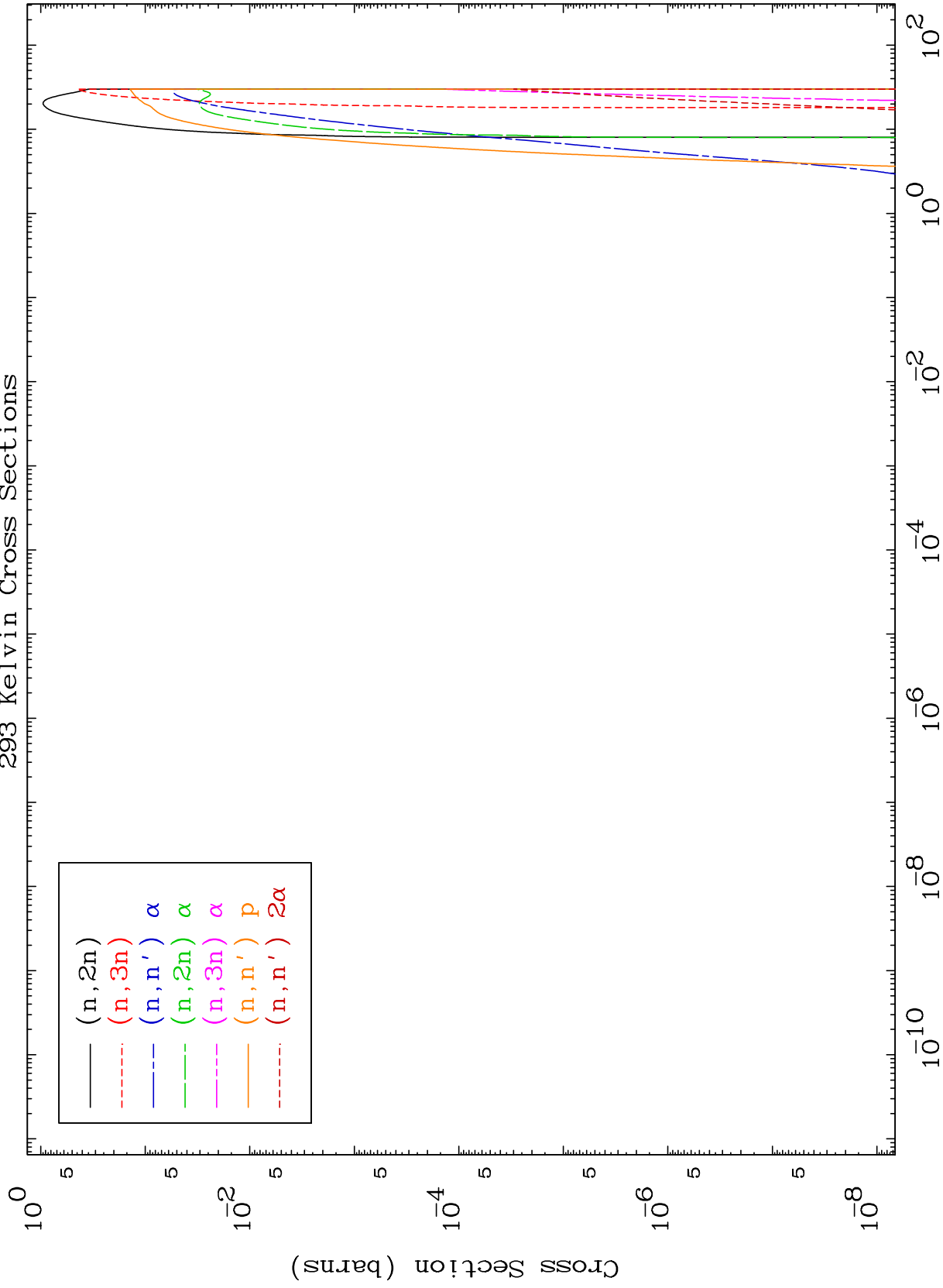
87-Fr-206



MAT 8707

Neutron Production  
293 Kelvin Cross Sections

87-Fr-206



2

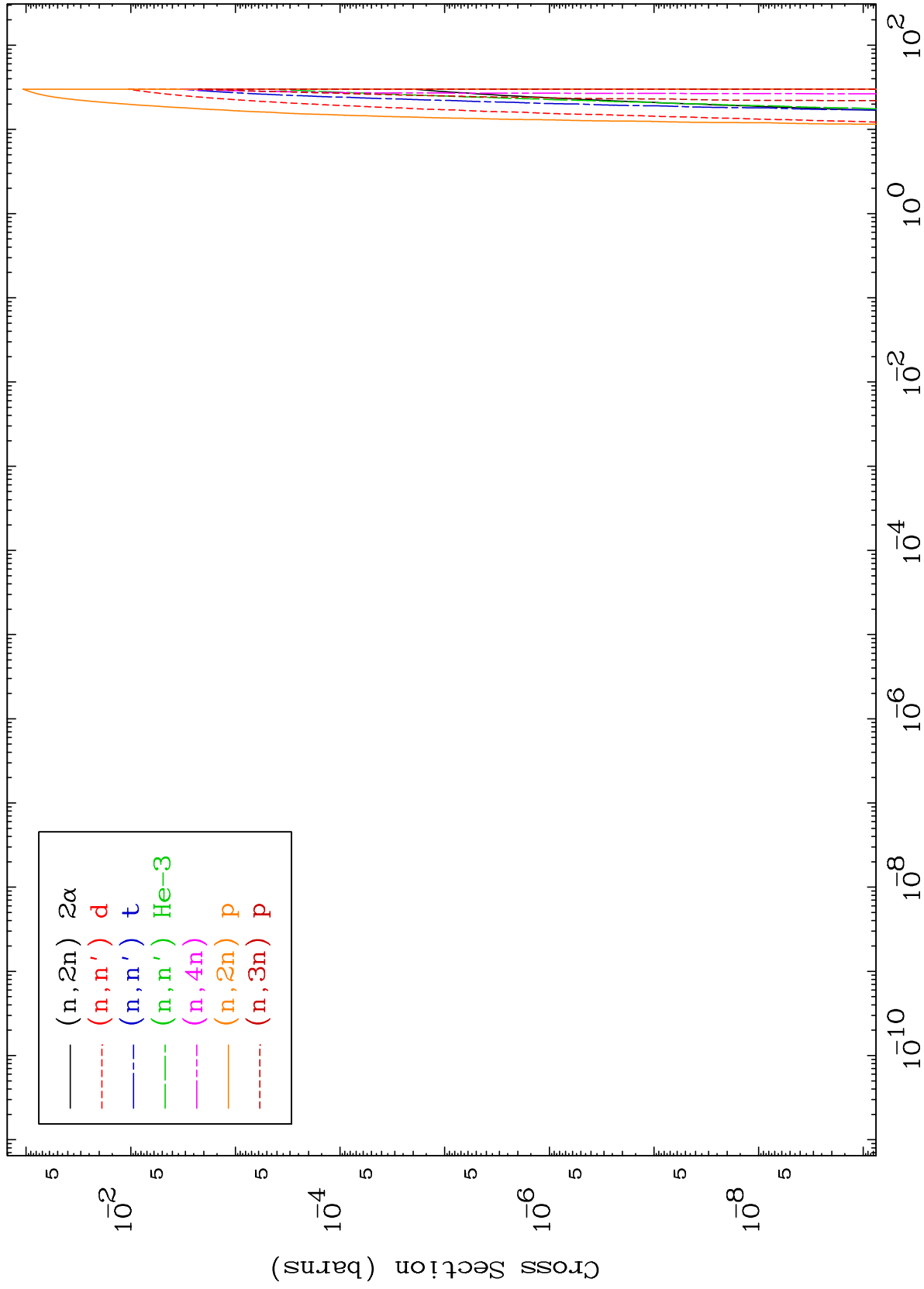
Incident Energy (MeV)

87-Fr-206

MAT 8707

Neutron Production  
293 Kelvin Cross Sections

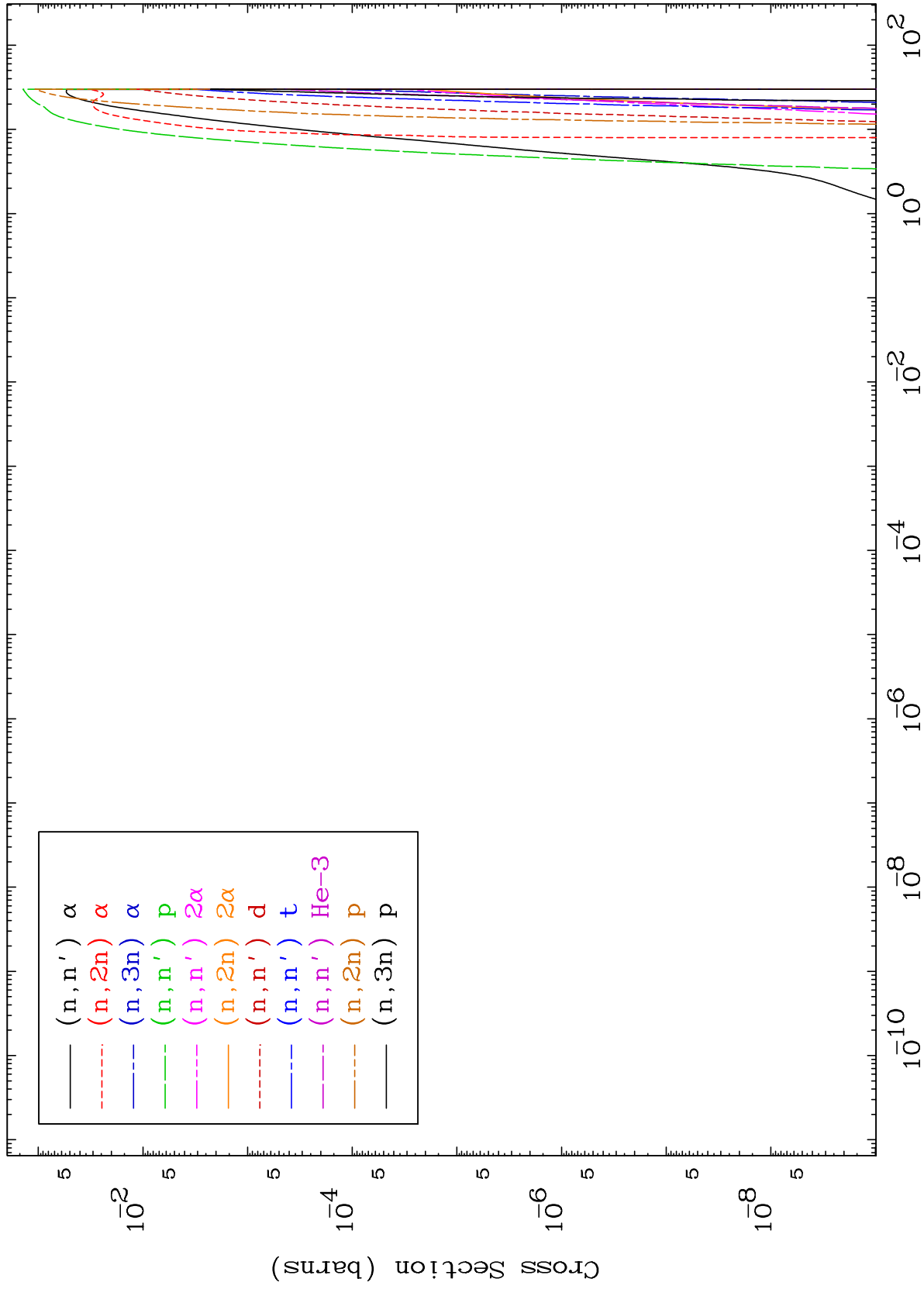
87-Fr-206



MAT 8707

Charged Particle  
293 Kelvin Cross Sections

87-Fr-206



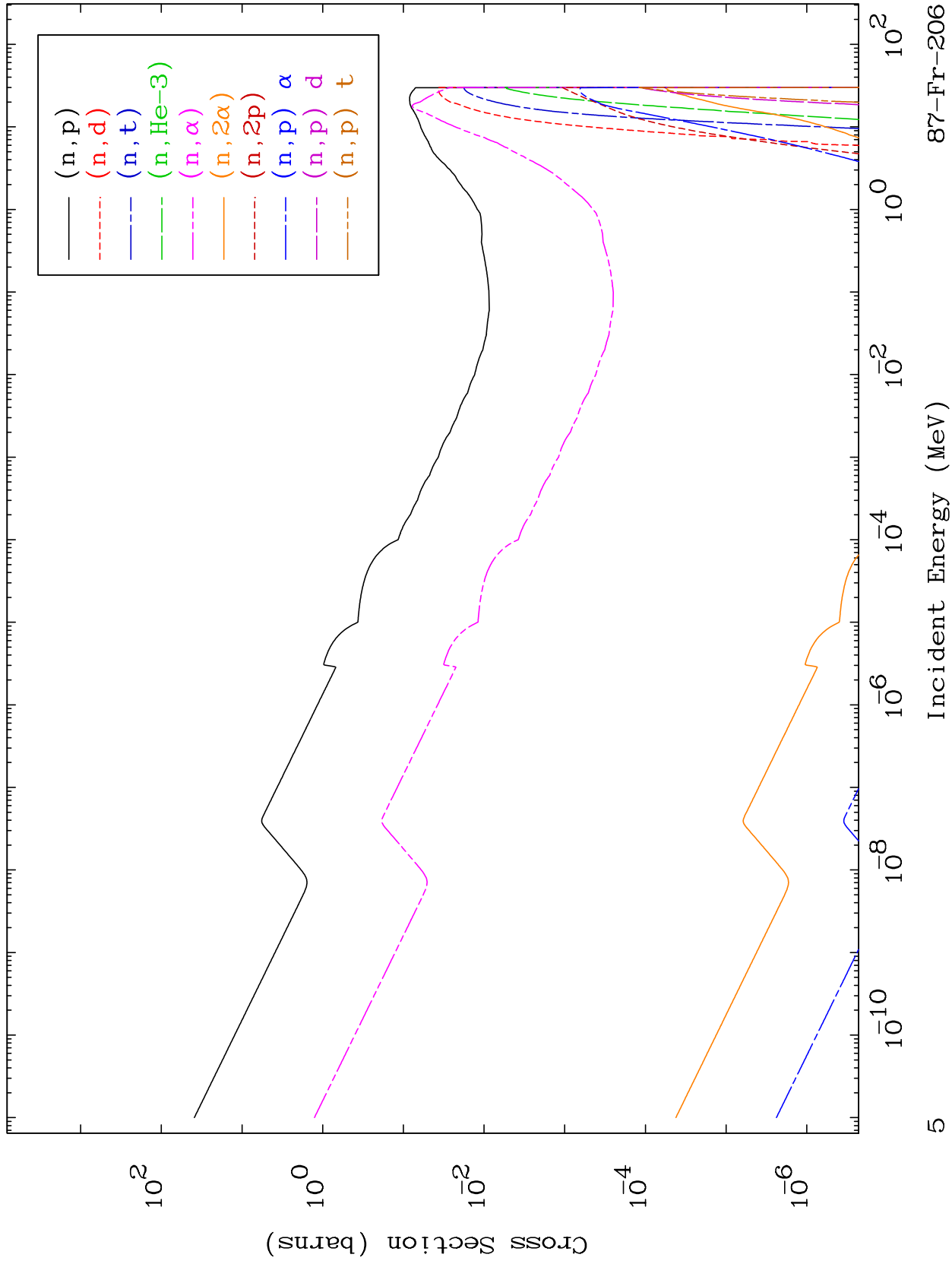
87-Fr-206

Incident Energy (MeV)

MAT 8707

293 Kelvin Cross Sections

87-Fr-206



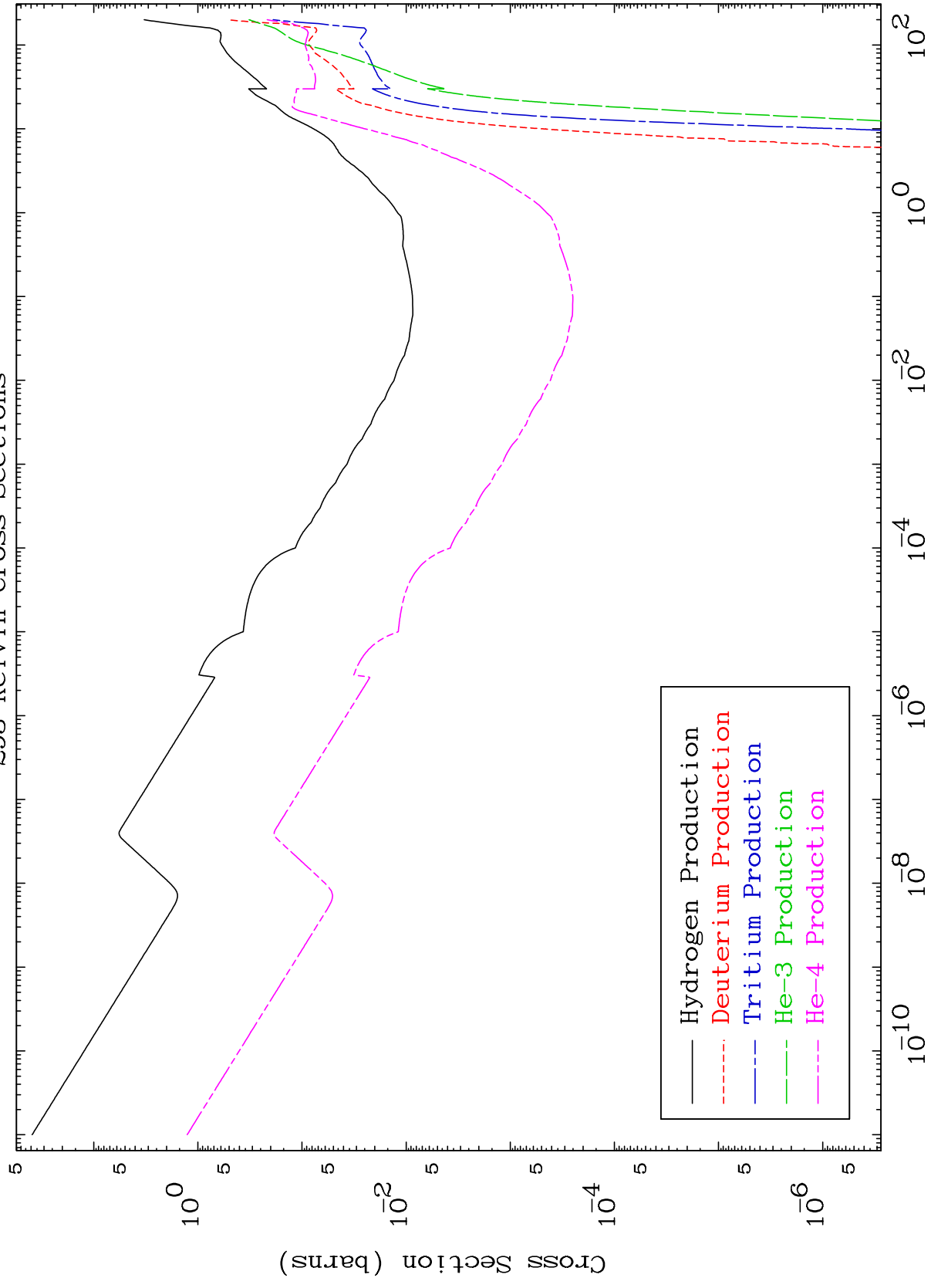
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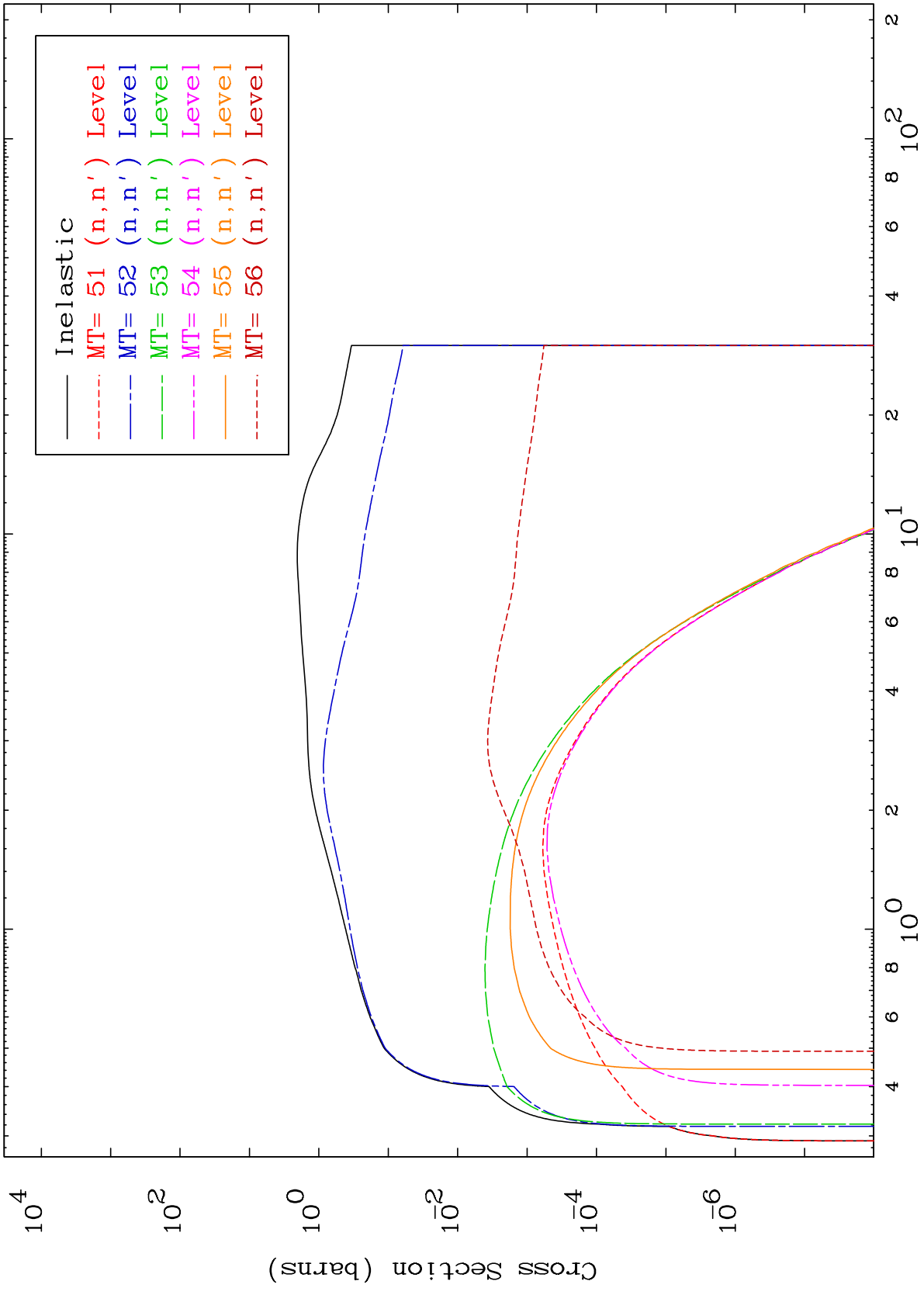
87-Fr-206

MAT 8707

Particle Production  
293 Kelvin Cross Sections

87-Fr-206





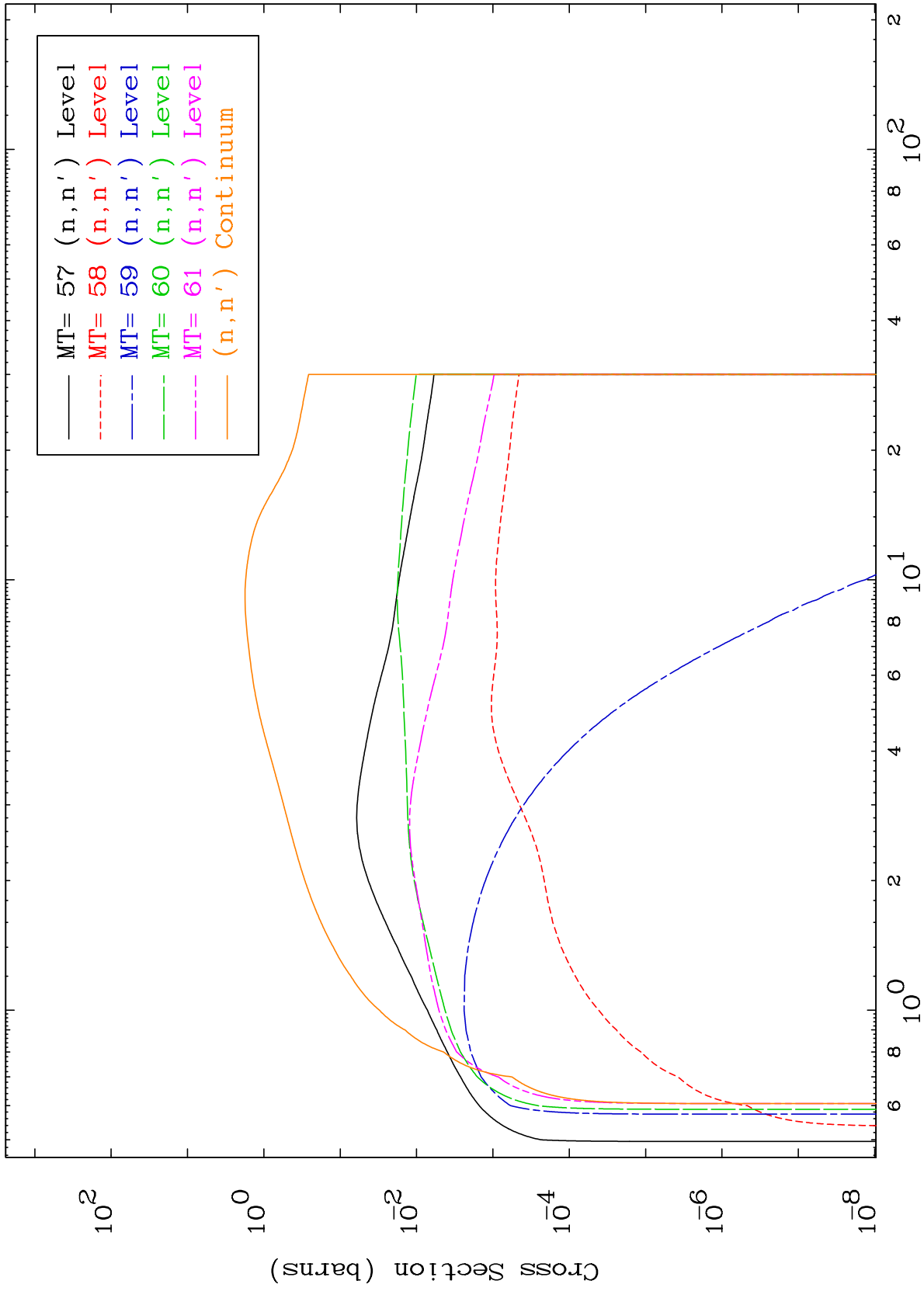


MAT 8707

(n,n') Level

87-Fr-206

293 Kelvin Cross Sections



8

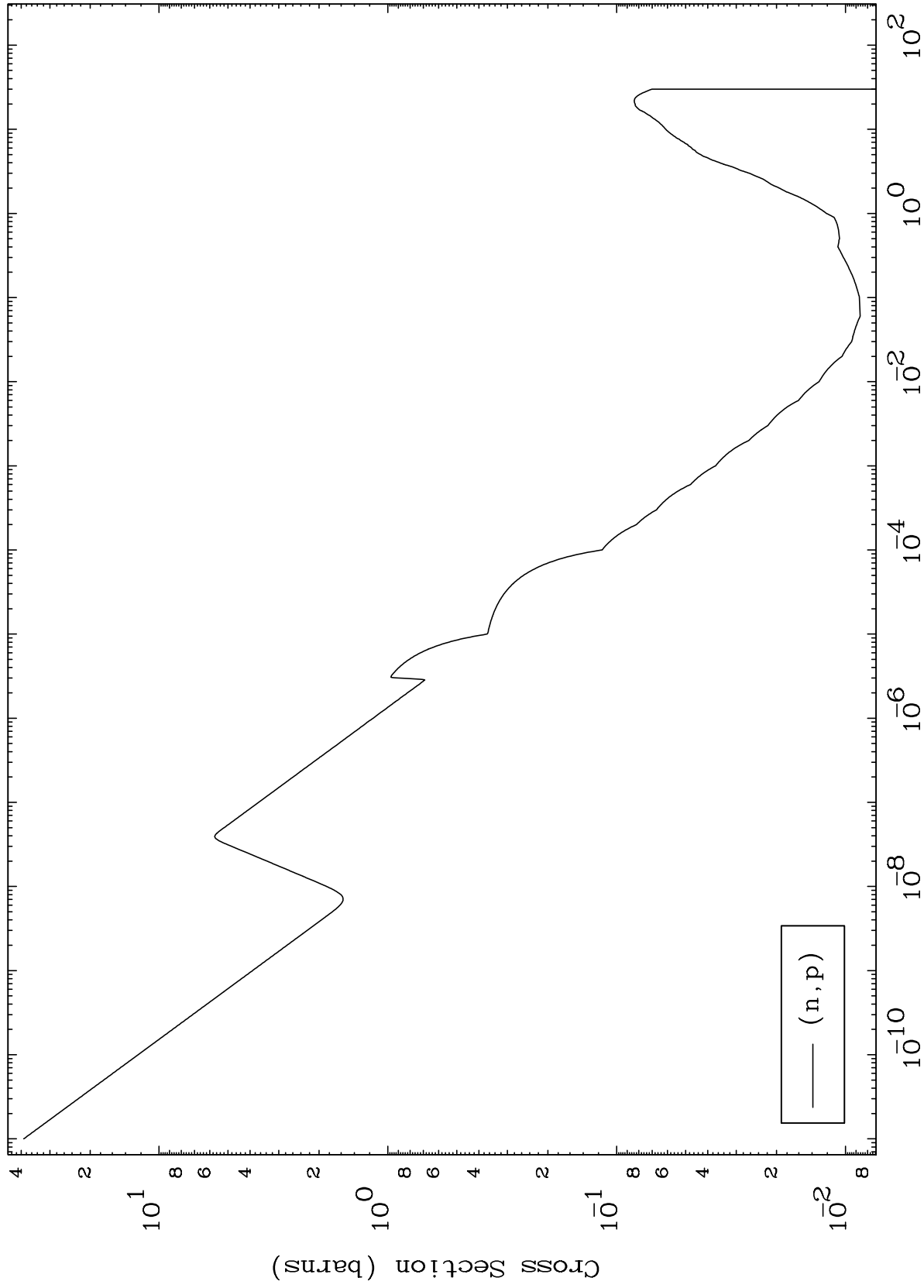
Incident Energy (MeV)

87-Fr-206

MAT 8707

(n,p) Levels  
293 Kelvin Cross Sections

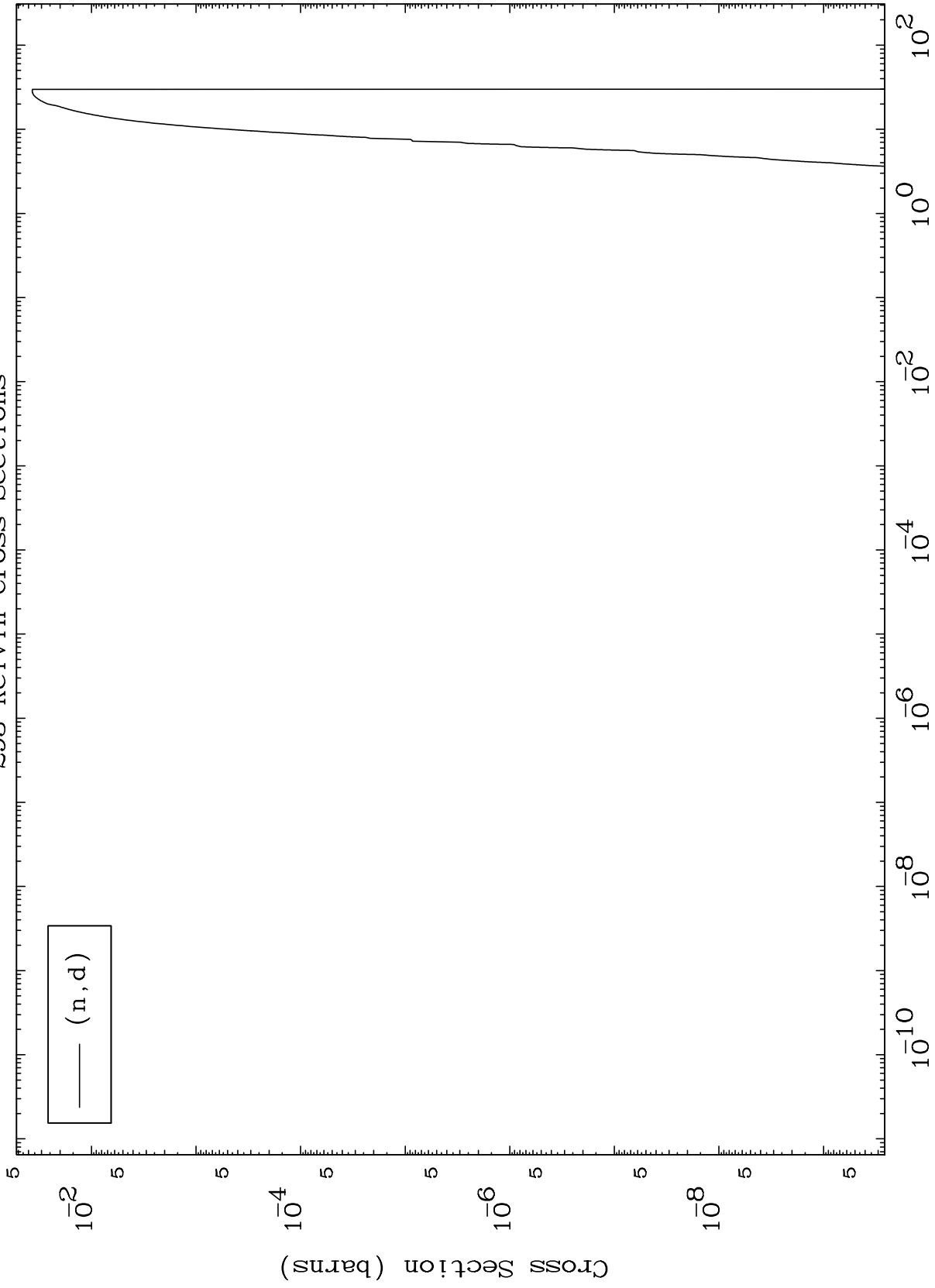
87-Fr-206



MAT 8707

(n,d) Levels  
293 Kelvin Cross Sections

87-Fr-206



10

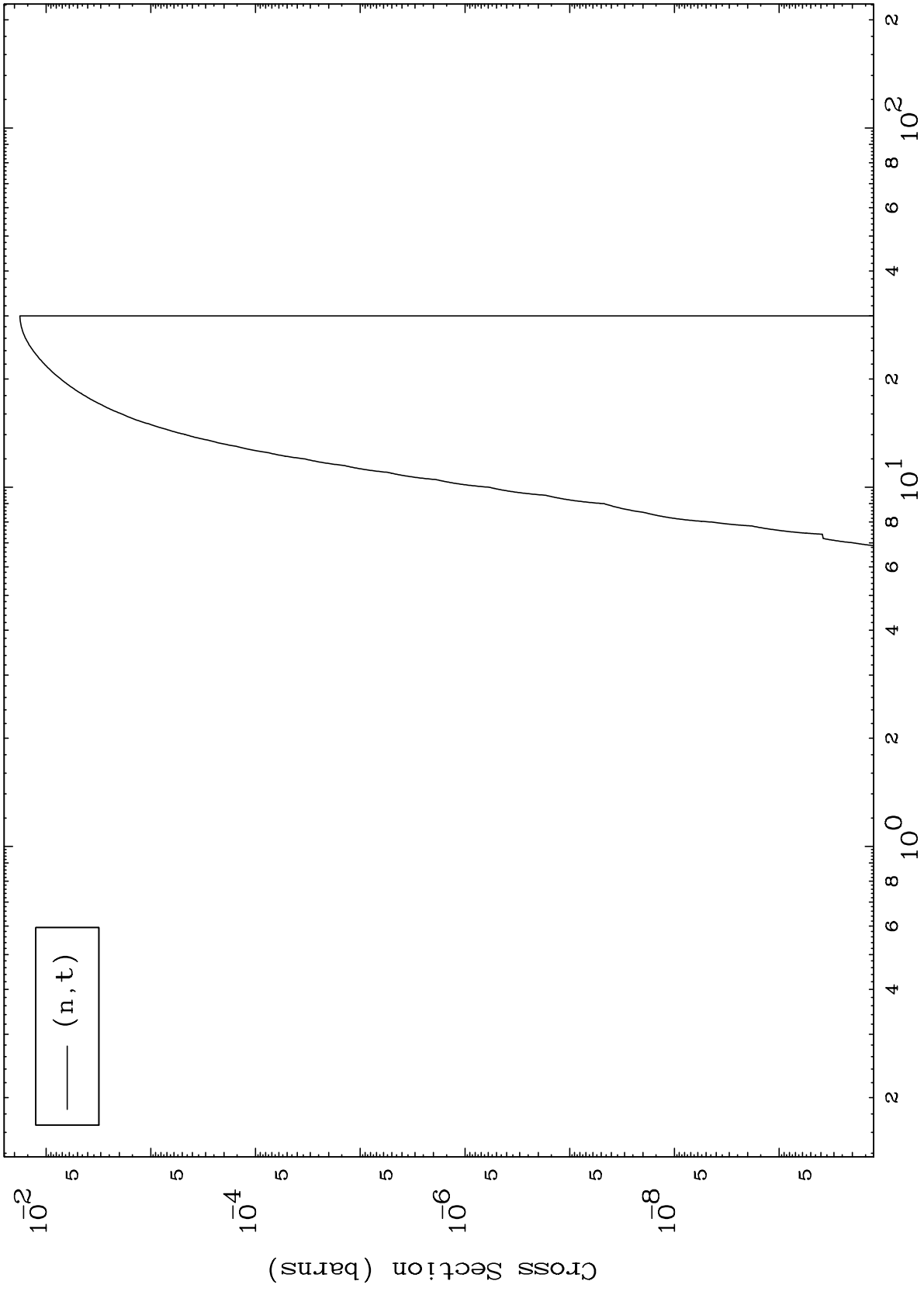
Incident Energy (MeV)

87-Fr-206

MAT 8707

(n,t) Levels  
293 Kelvin Cross Sections

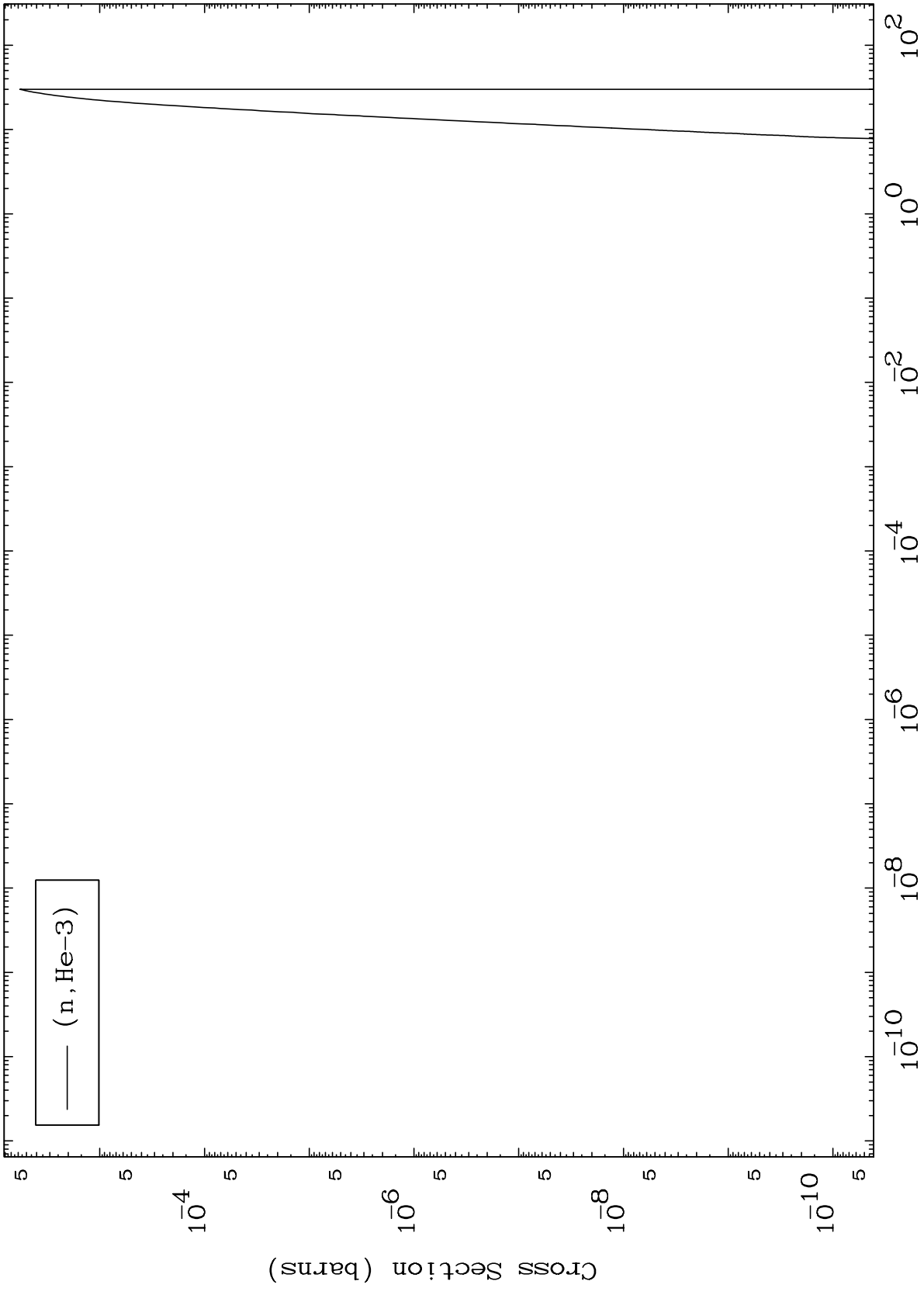
87-Fr-206



MAT 8707

(n,He3) Levels  
293 Kelvin Cross Sections

87-Fr-206

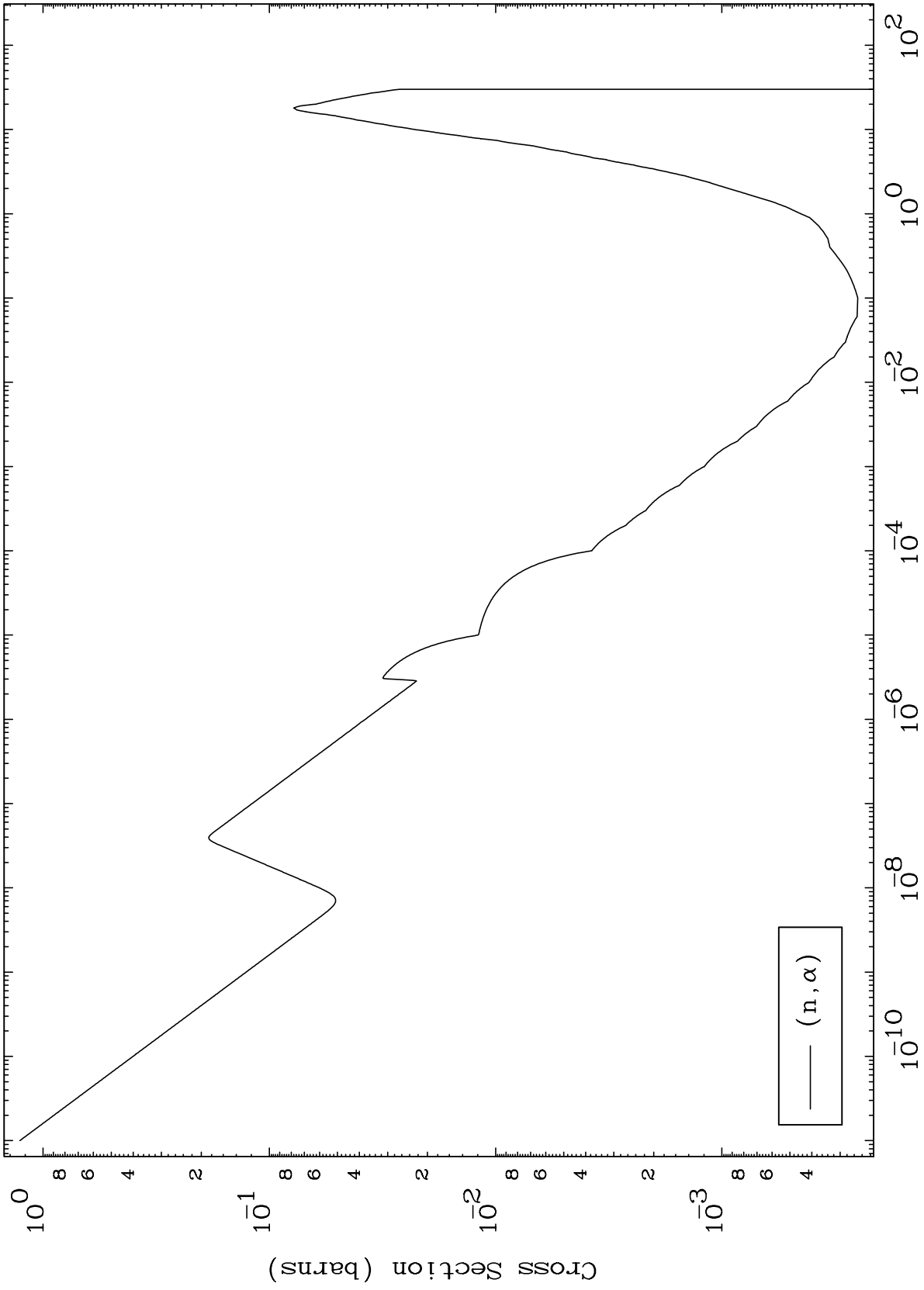


(n, He-3)

MAT 8707

(n,α) Levels  
293 Kelvin Cross Sections

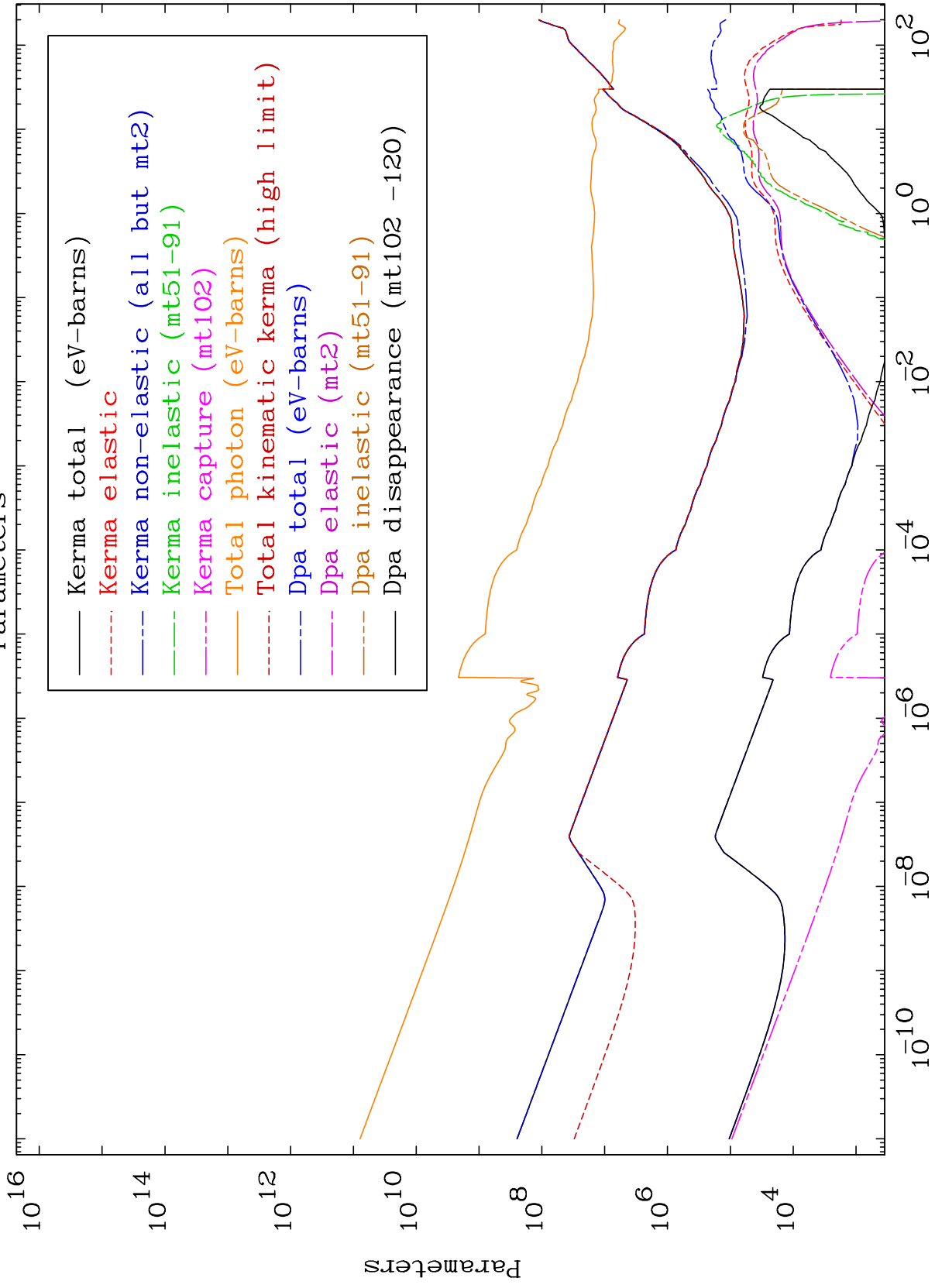
87-Fr-206



13

Incident Energy (MeV)

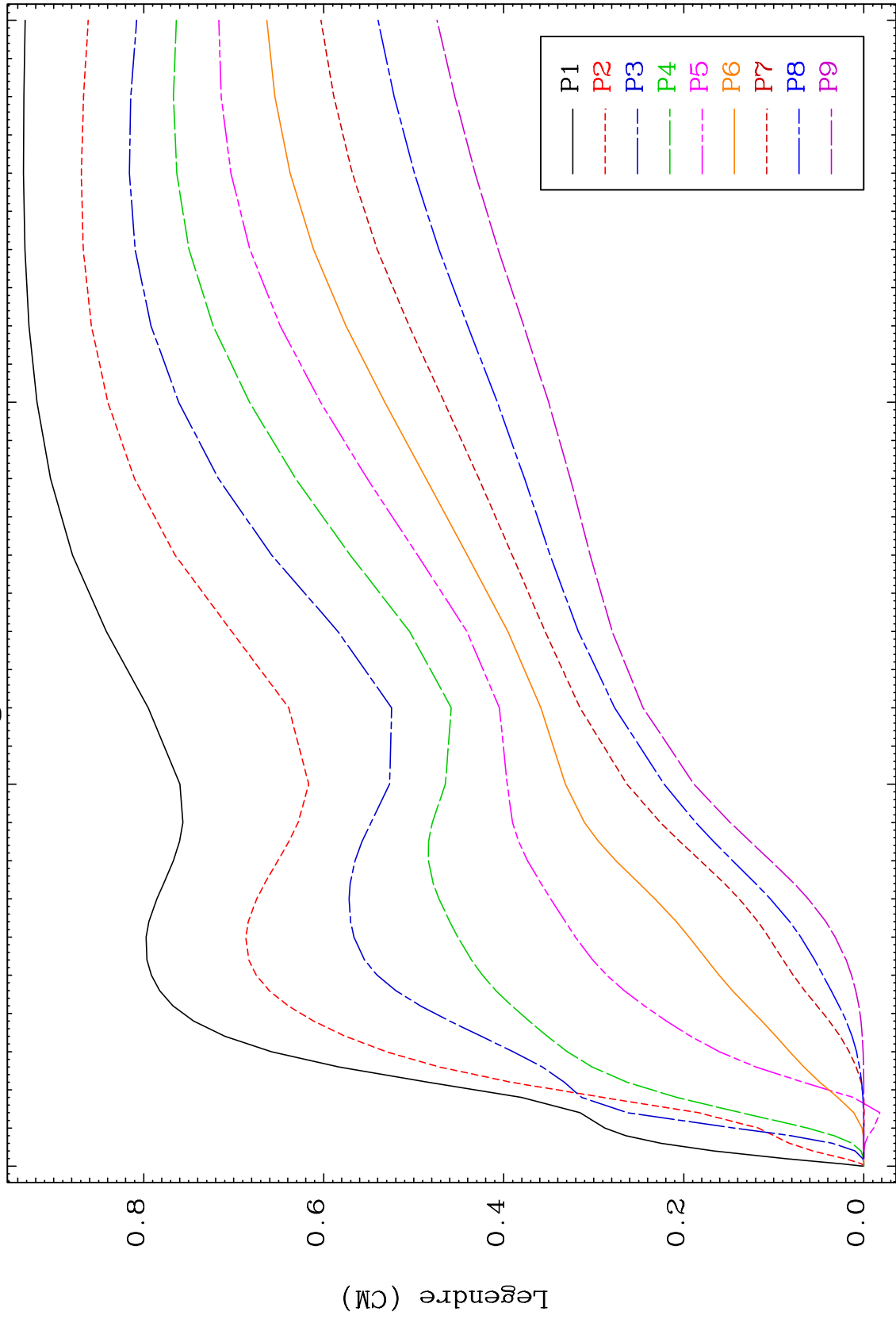
87-Fr-206



MAT 8707

Elastic Legendre Coefficients

87-Fr-206



0

15

Incident Energy (MeV)

20

30

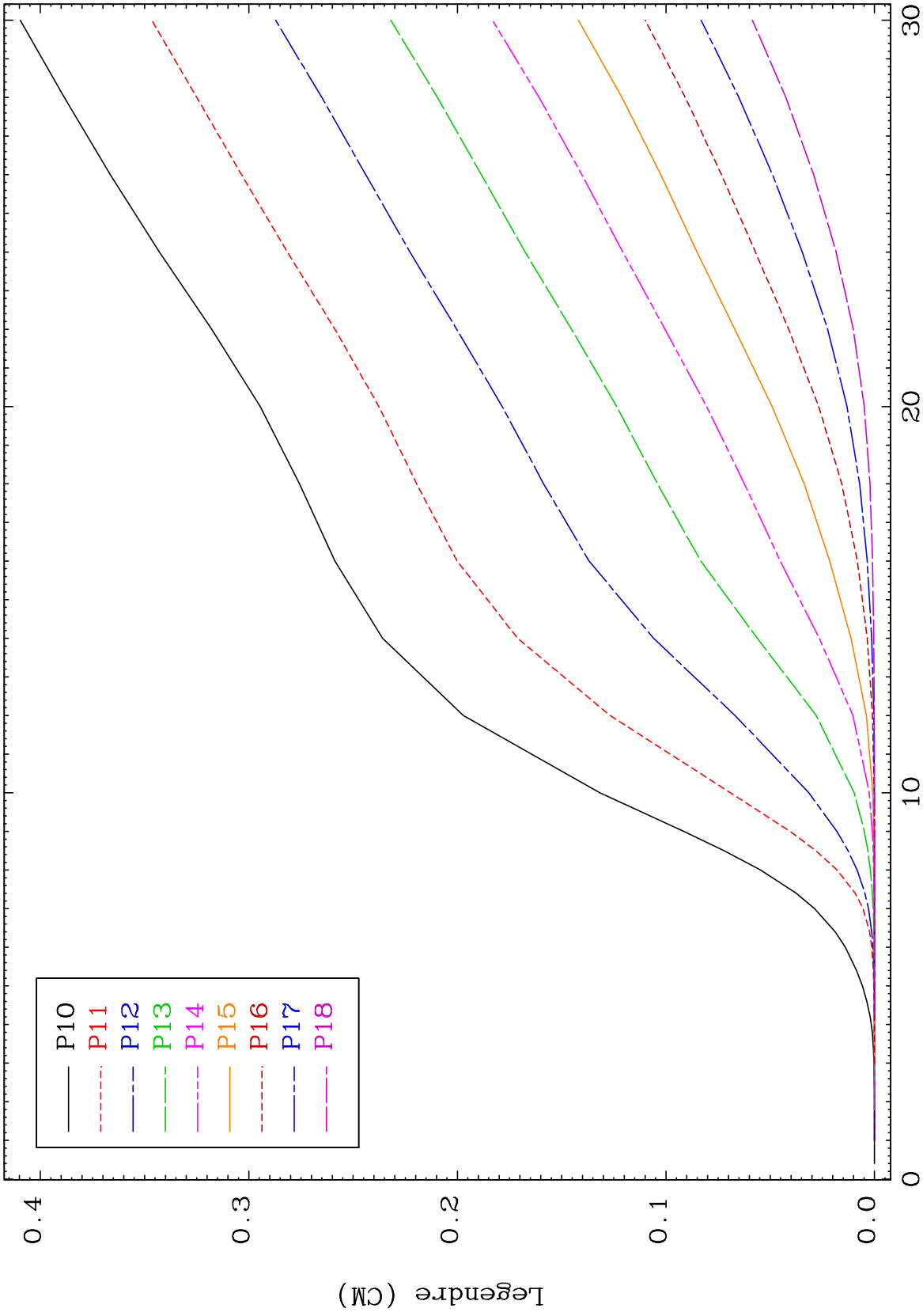
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MAT 8707

Elastic Legendre Coefficients

87-Fr-206



16

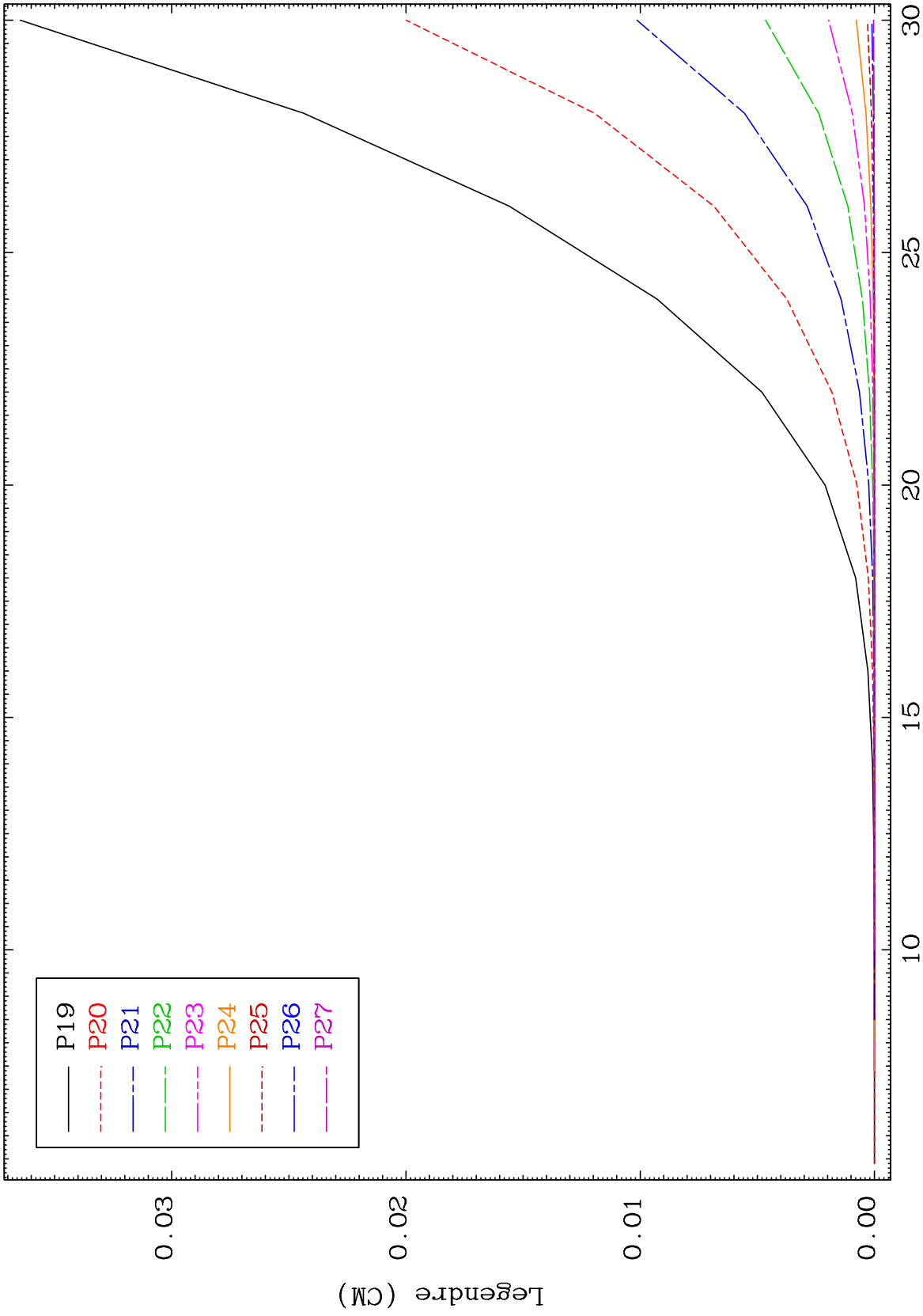
Incident Energy (MeV)

87-Fr-206

MAT 8707

### Elastic Legendre Coefficients

87-Fr-206



17

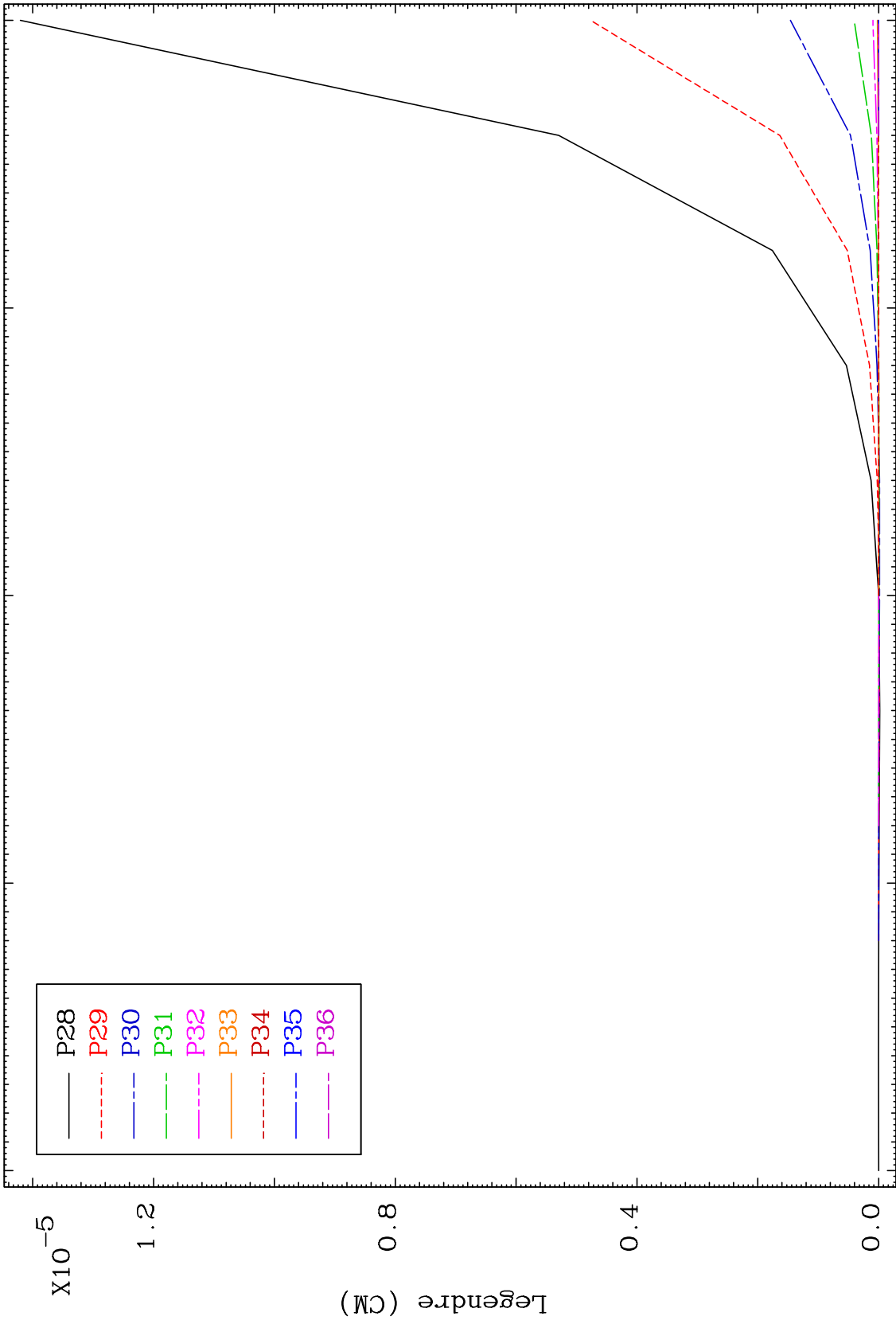
Incident Energy (MeV)

87-Fr-206

MAT 8707

Elastic Legendre Coefficients

87-Fr-206



18

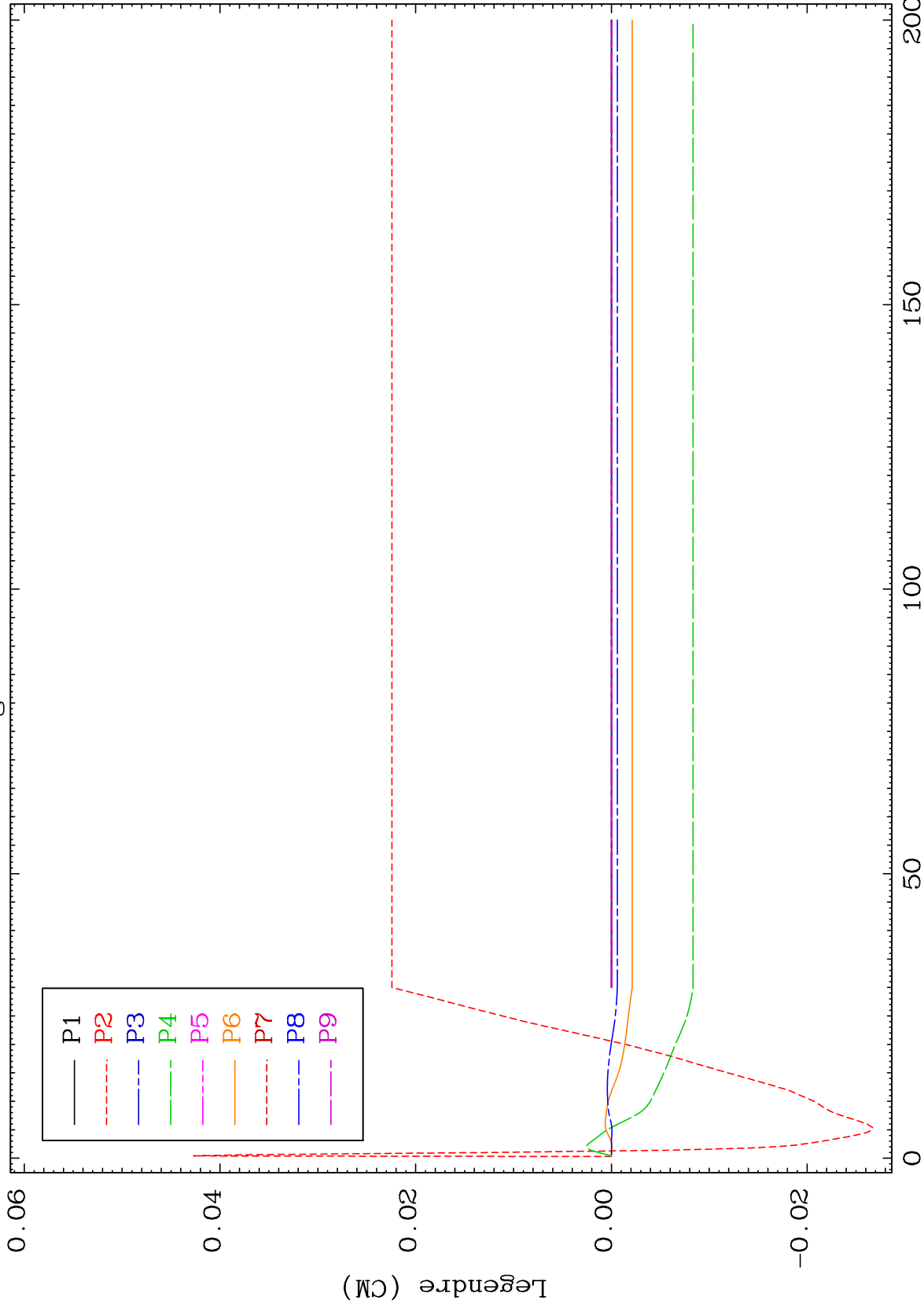
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



19

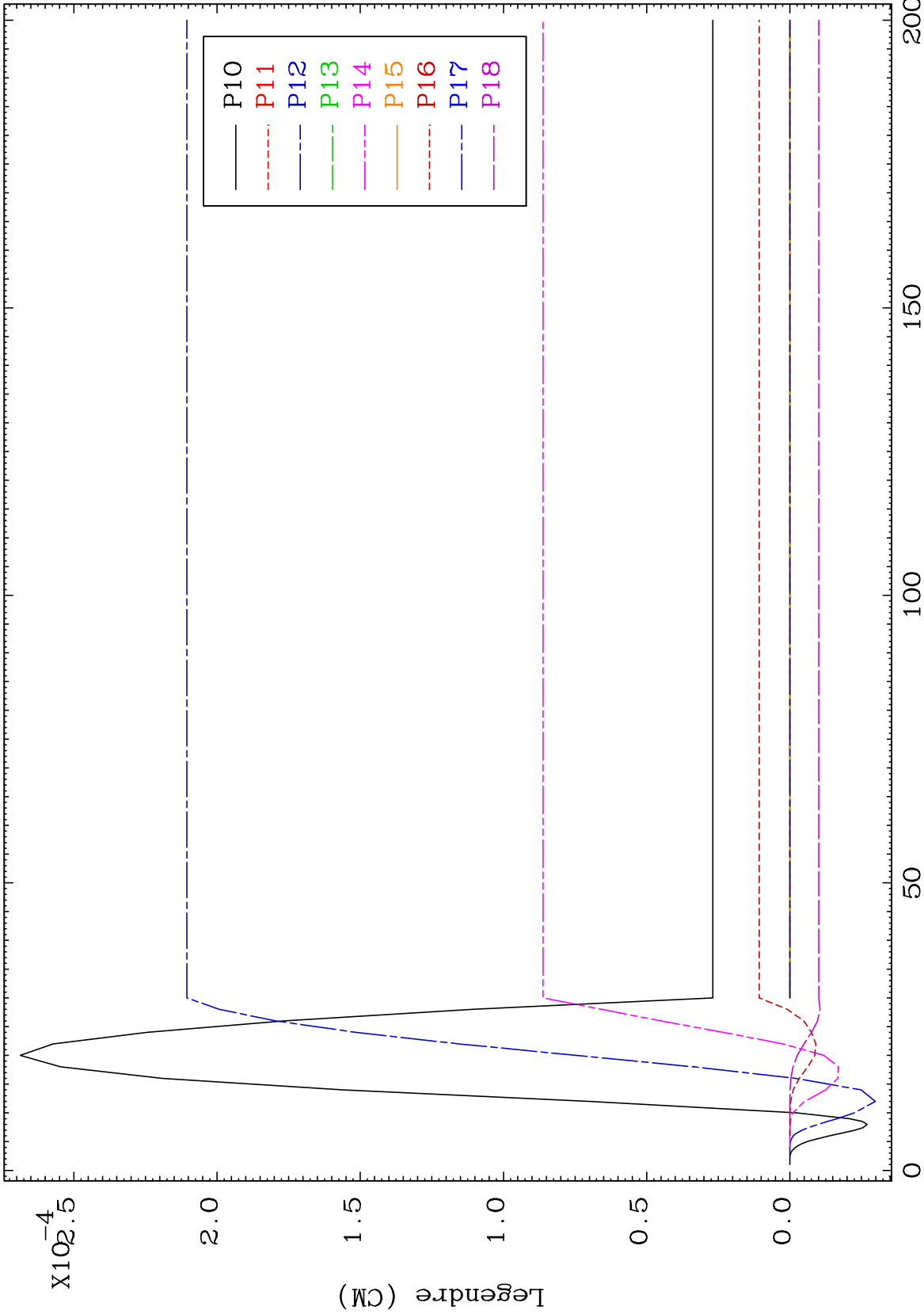
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



20

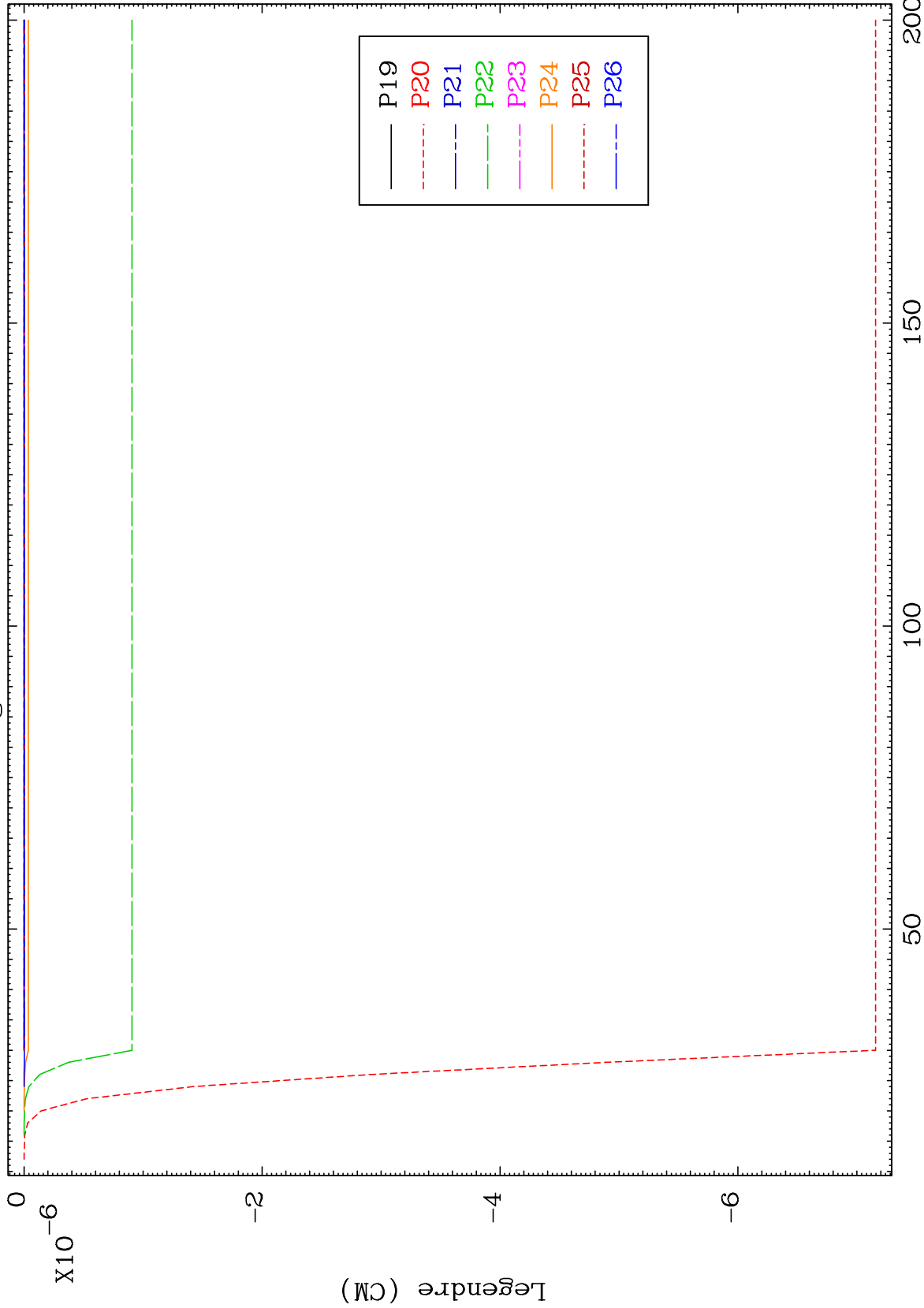
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



21

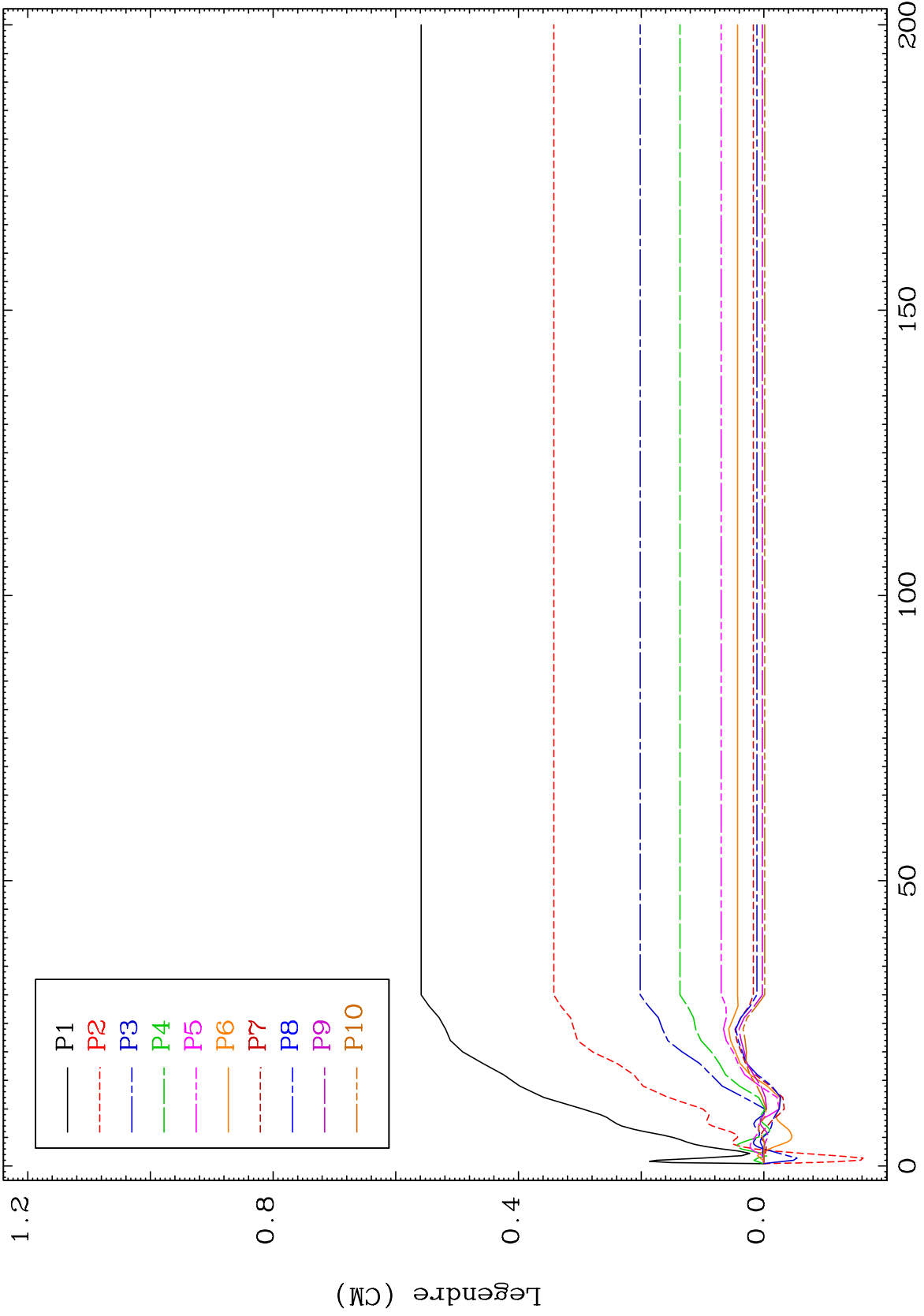
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



22

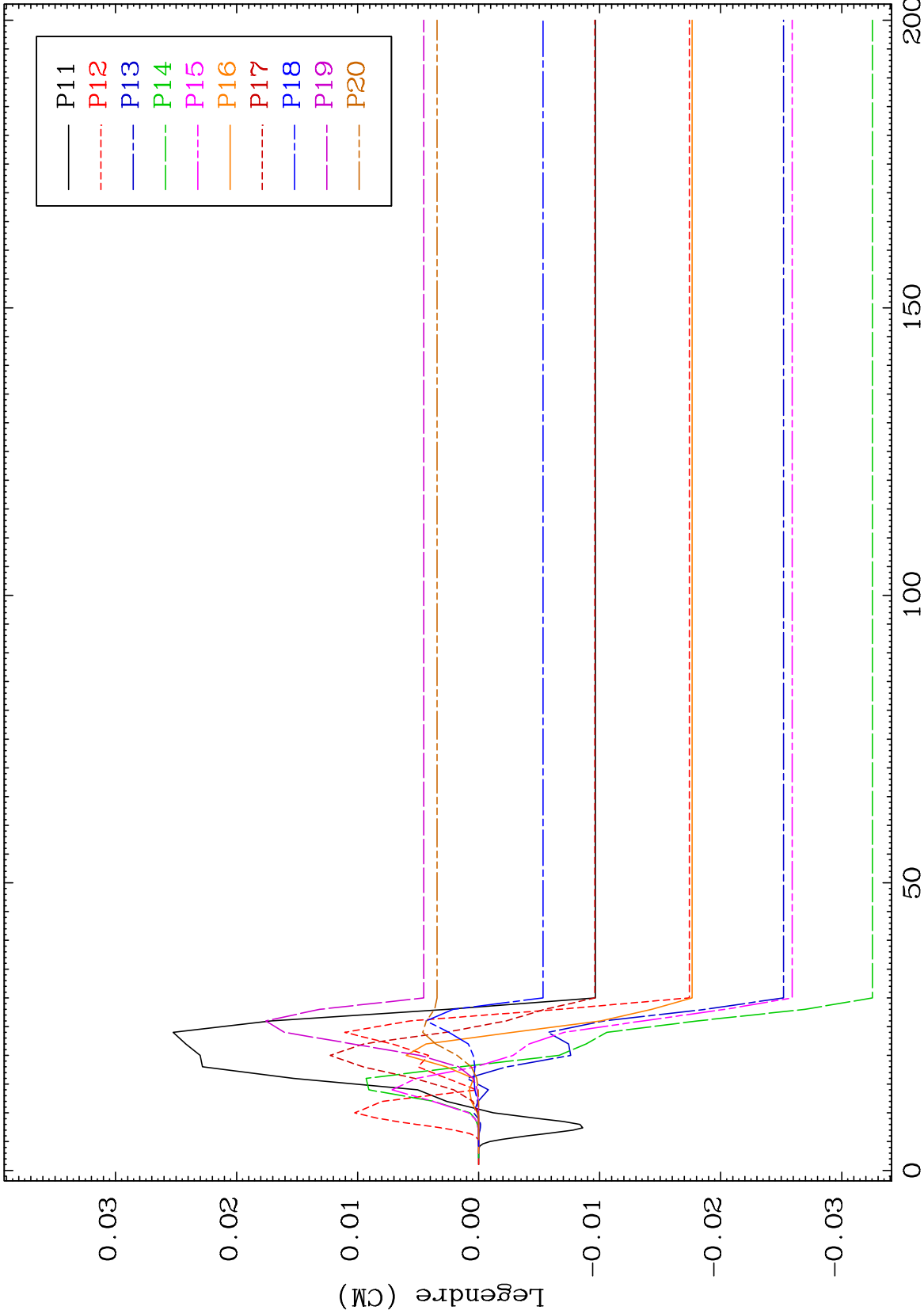
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206

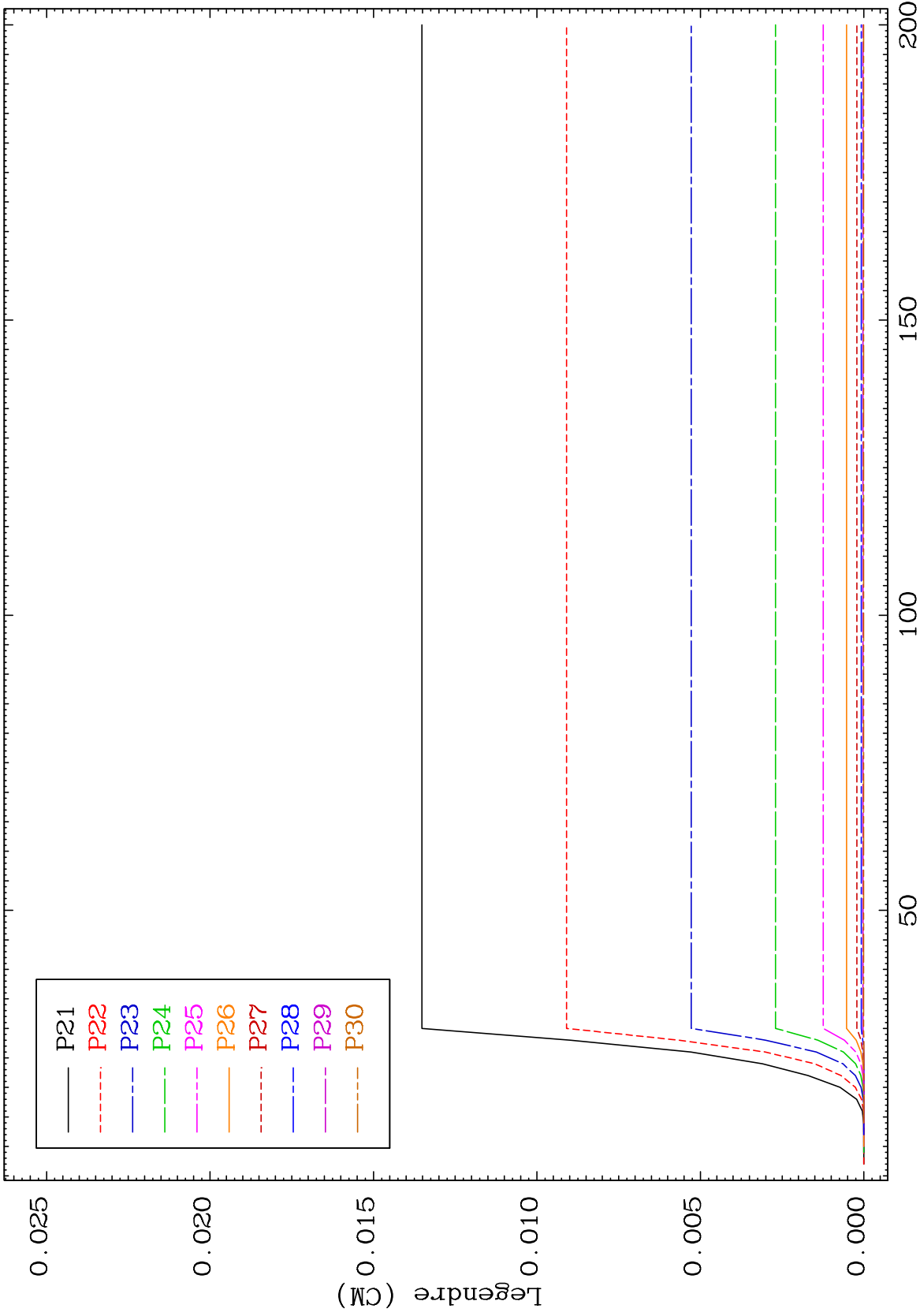


23

Incident Energy (MeV)

87-Fr-206

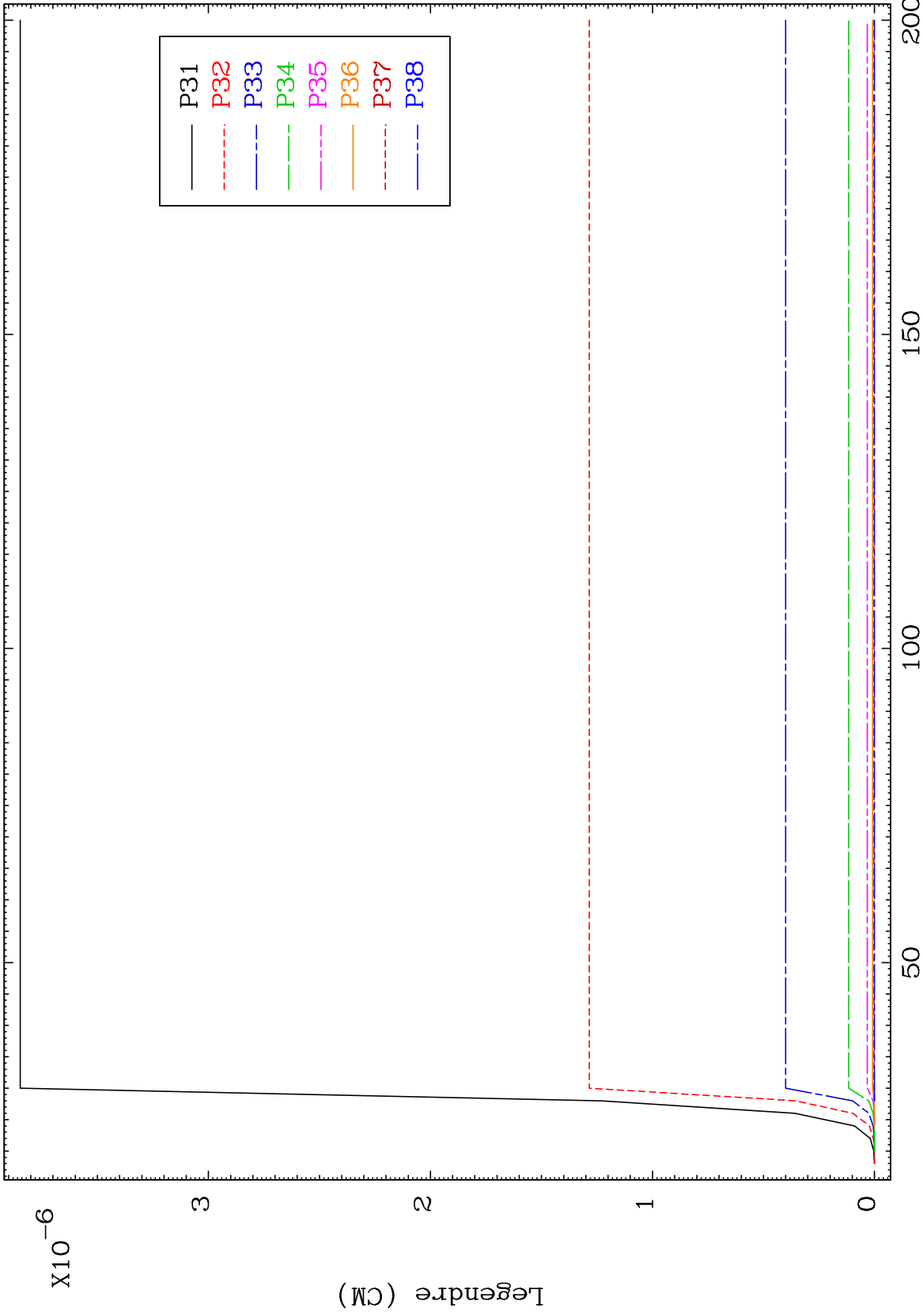




MAT 8707

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

87-Fr-206



25

Incident Energy (MeV)

50

100

150

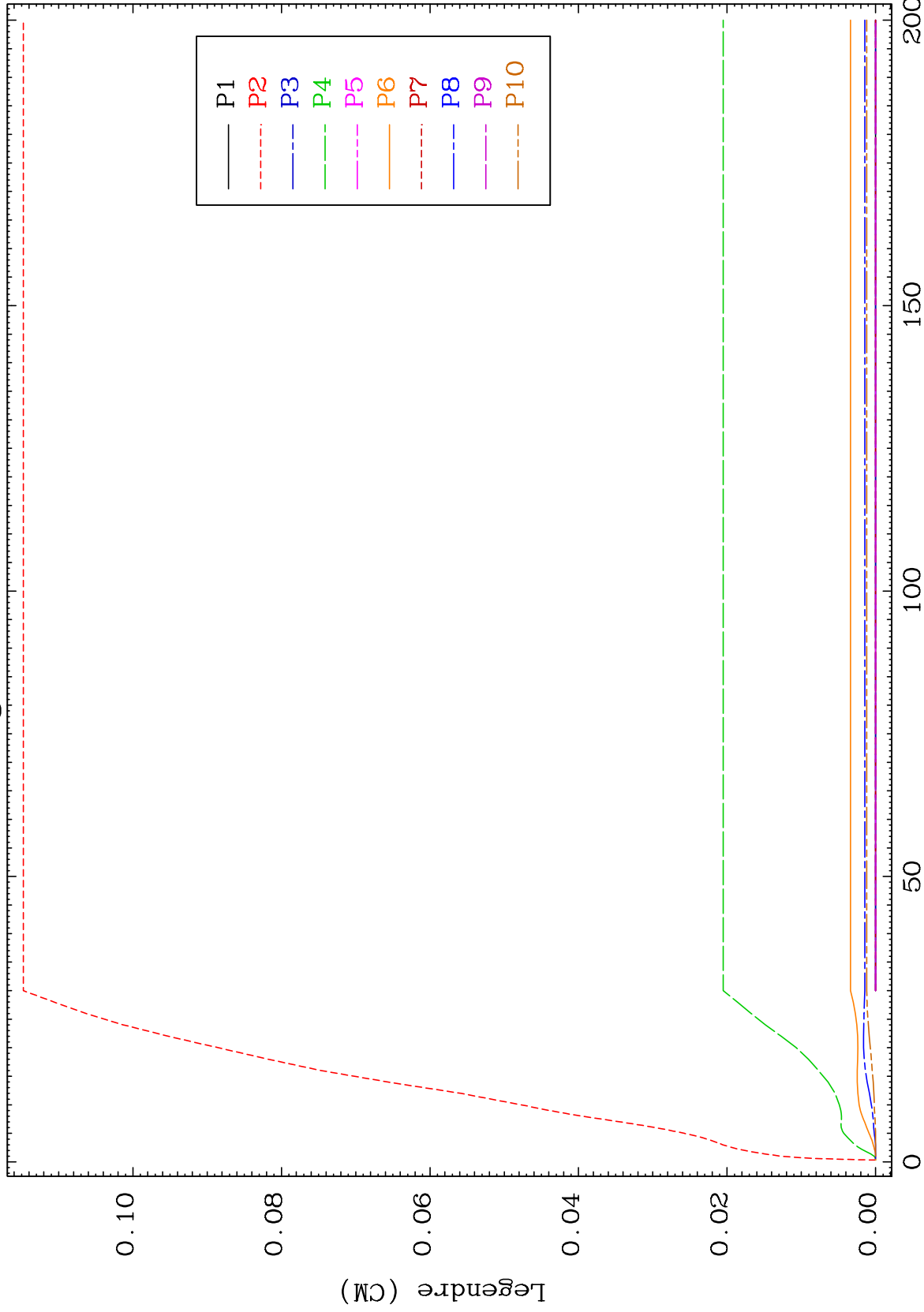
200

87-Fr-206

MAT 8707

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

87-Fr-206



26

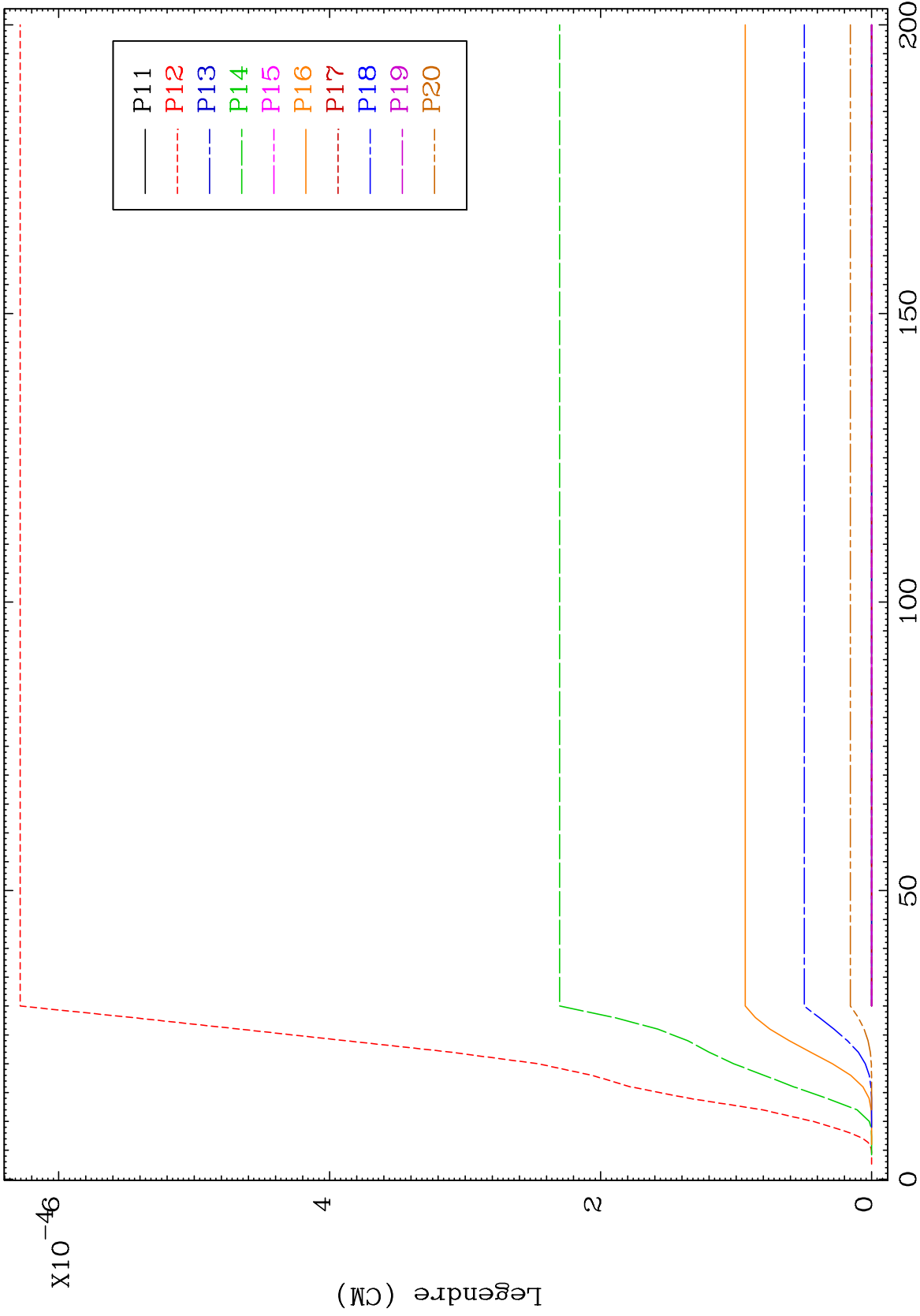
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



27

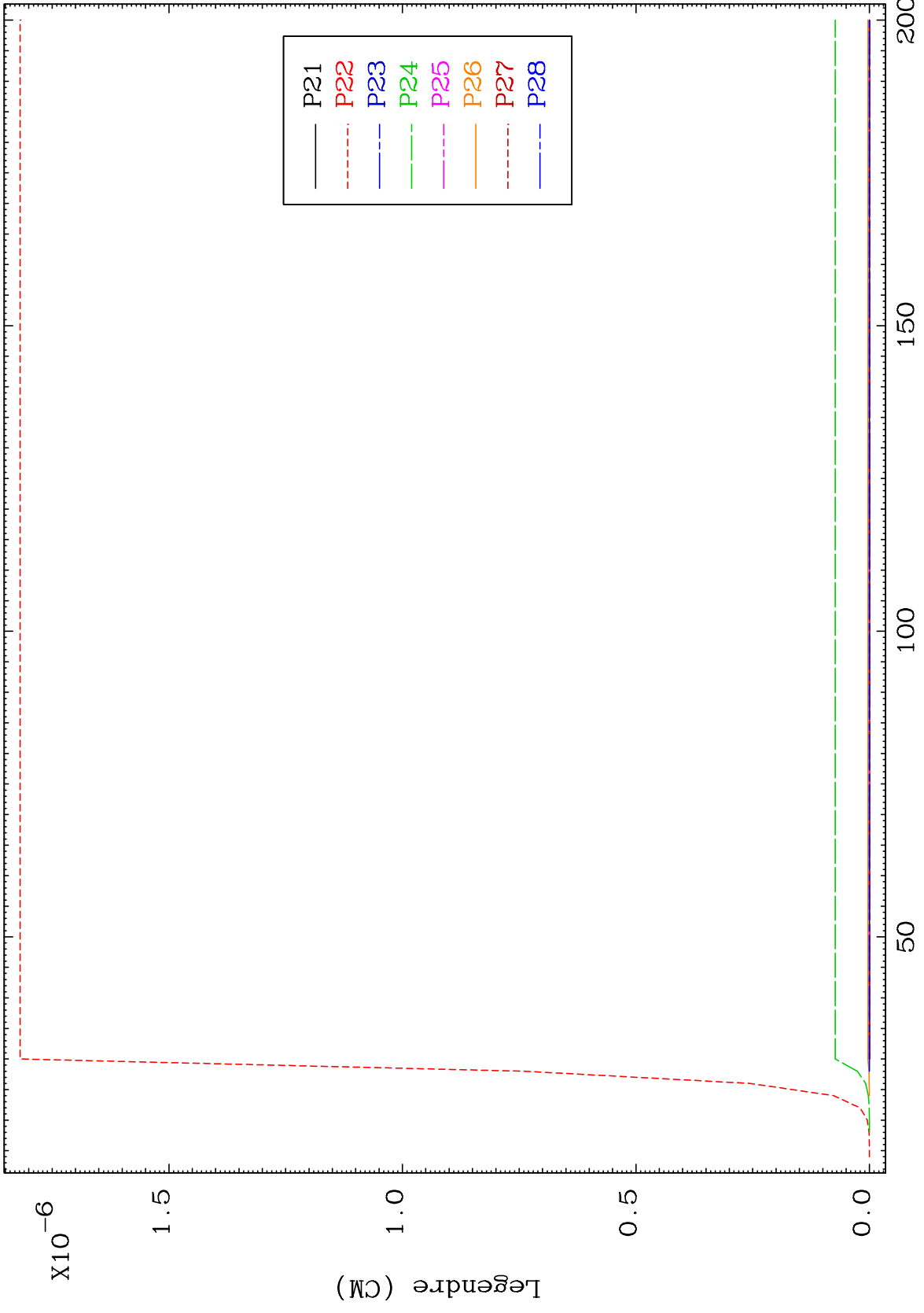
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



28

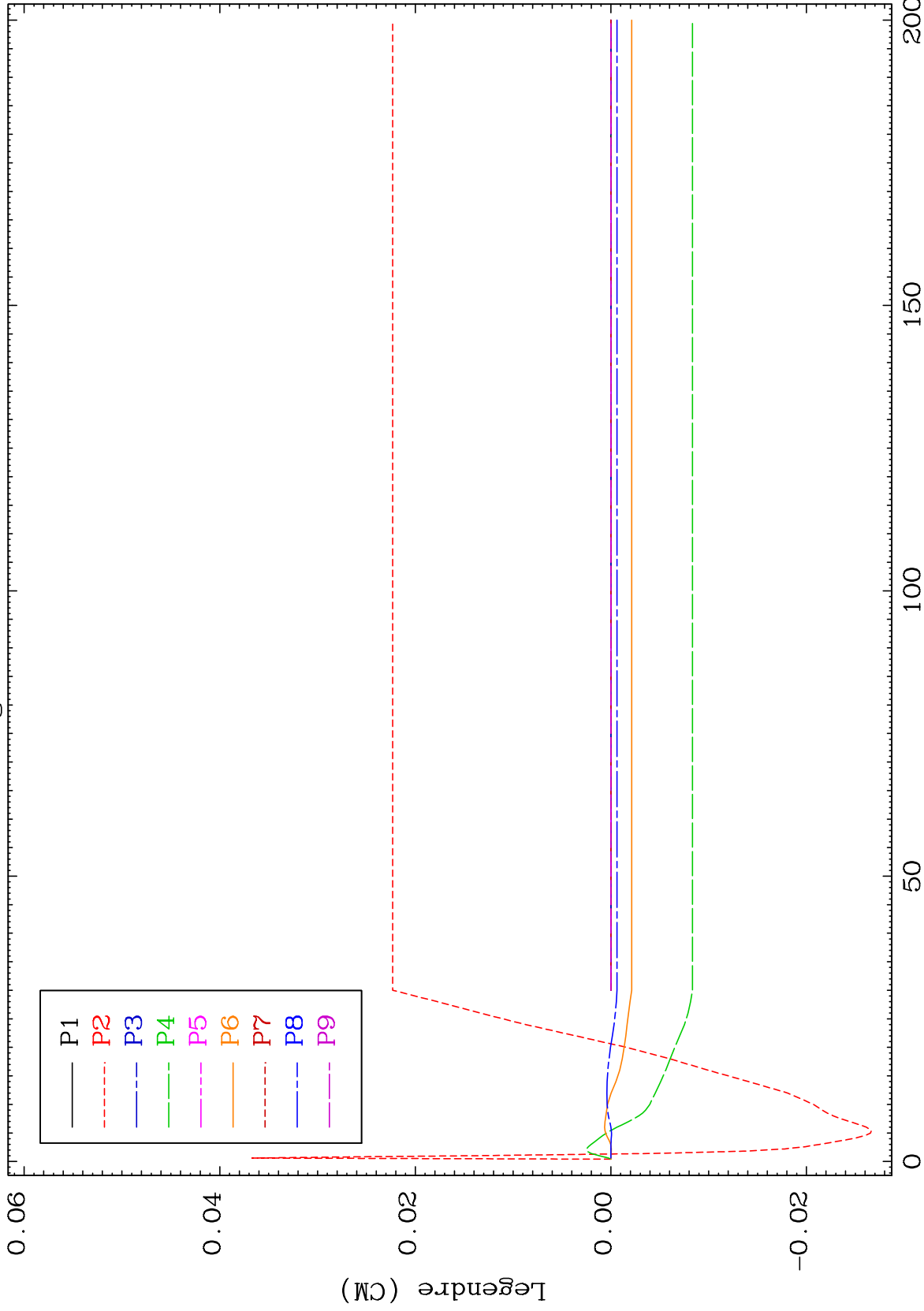
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



29

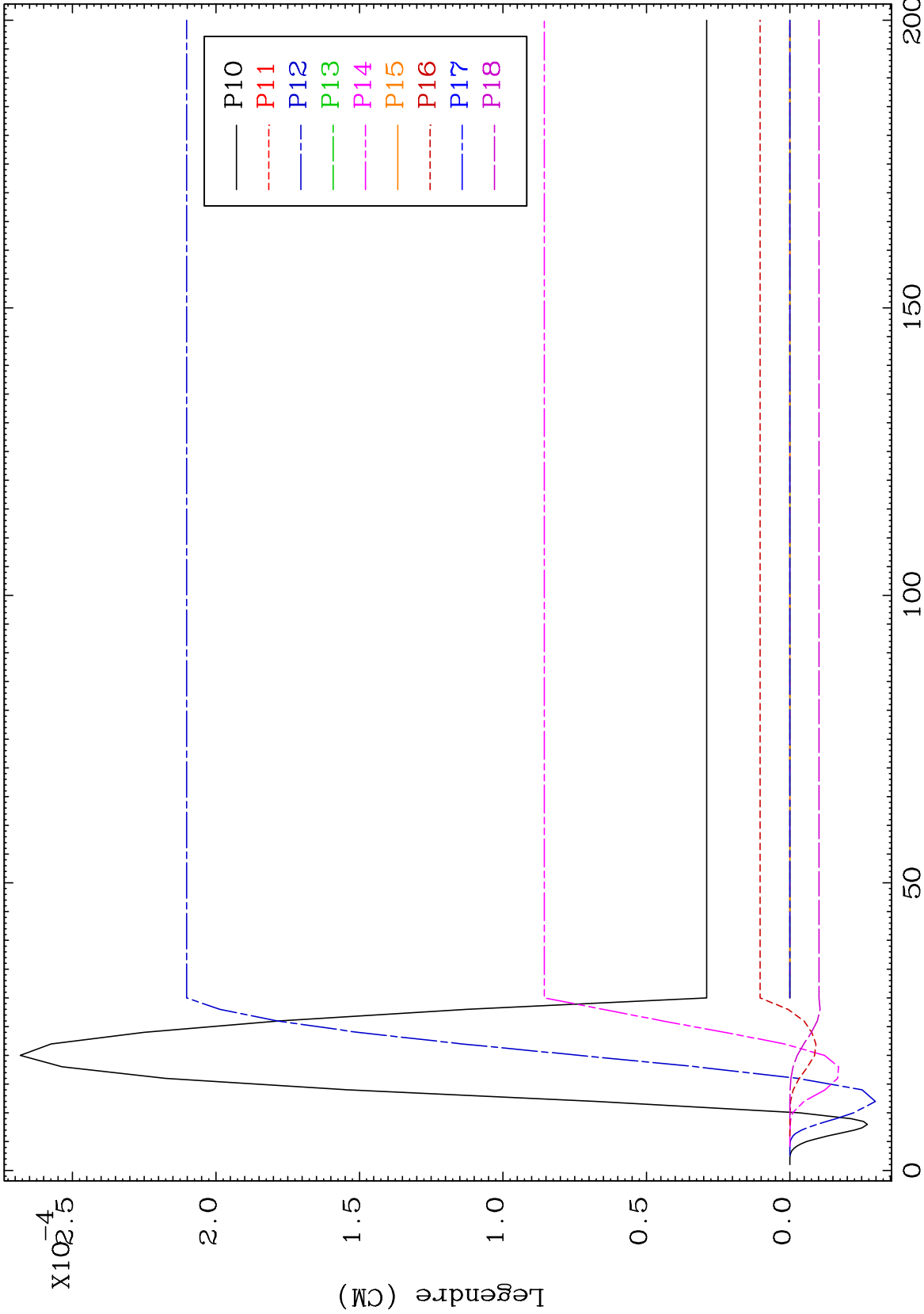
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



30

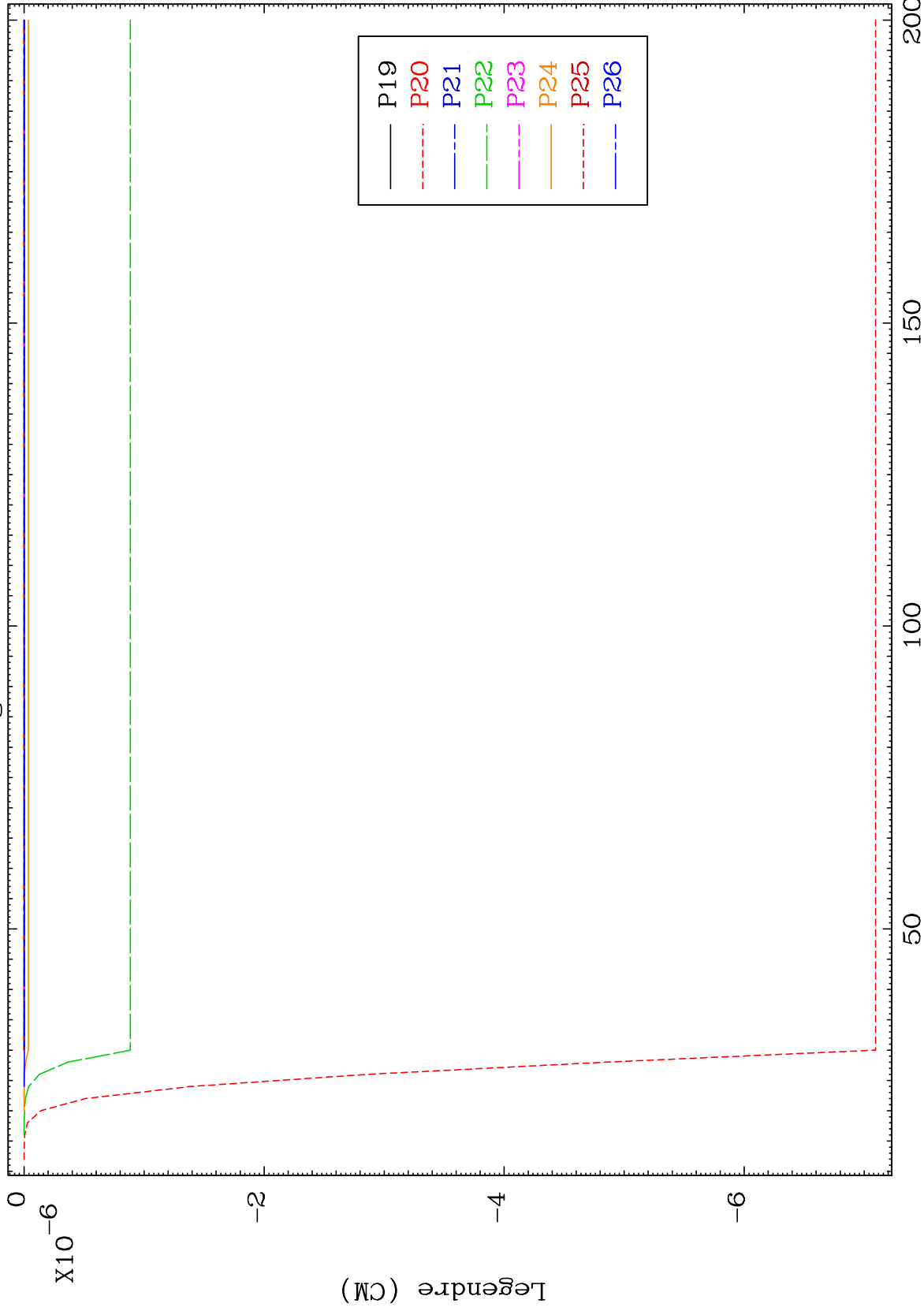
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



31

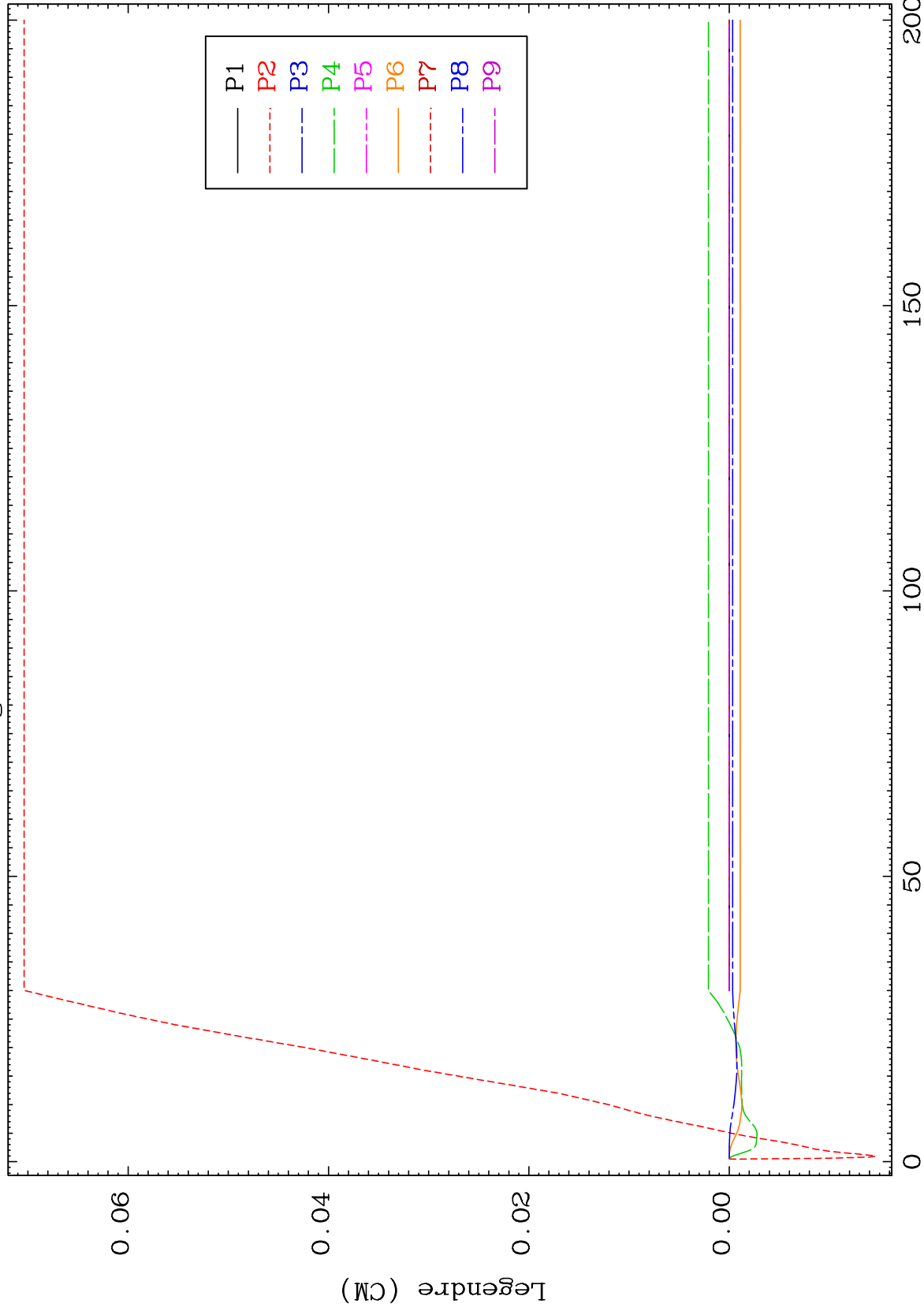
87-Fr-206



MAT 8707

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

87-Fr-206



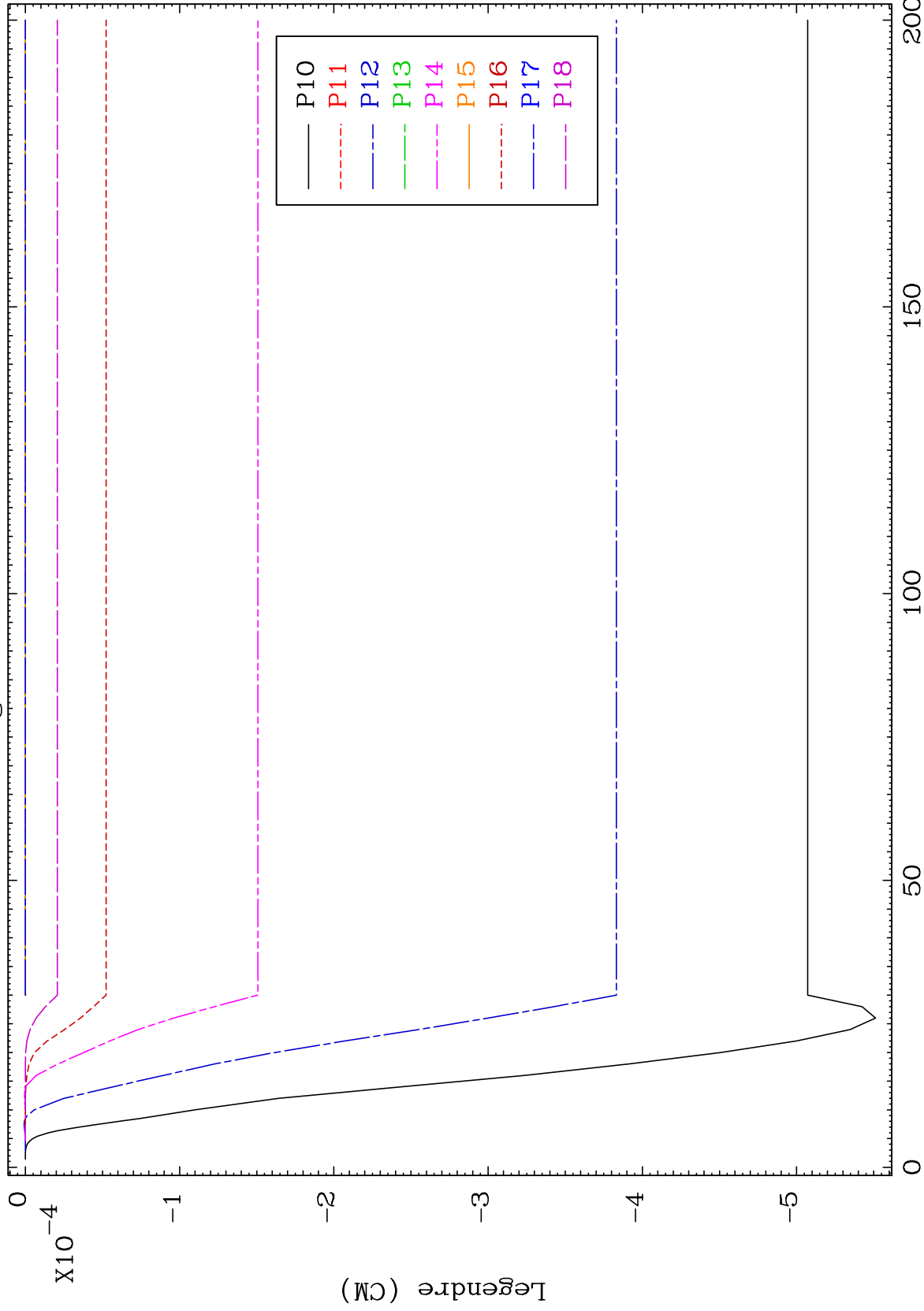
32

87-Fr-206

MAT 8707

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

87-Fr-206



33

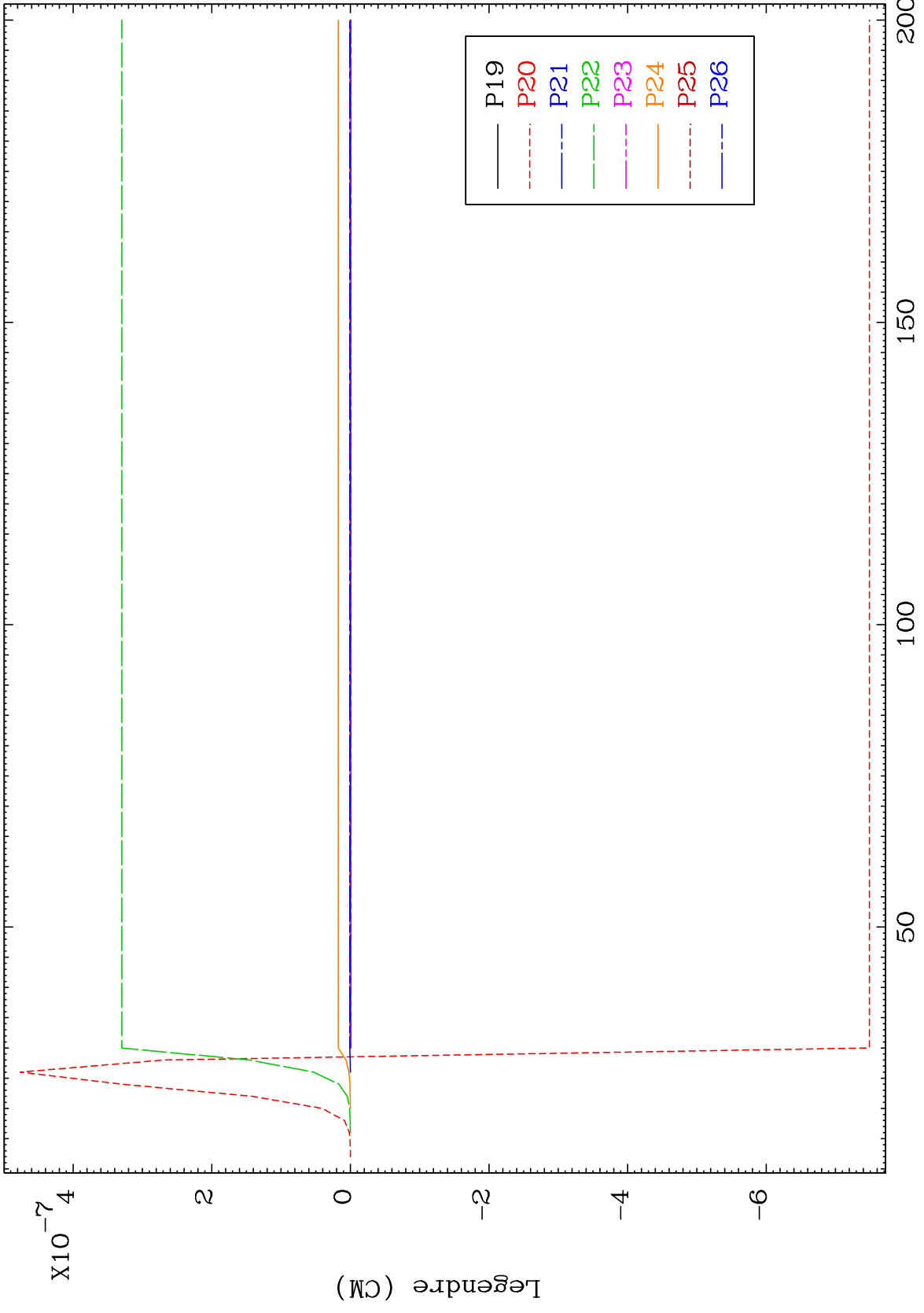
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



34

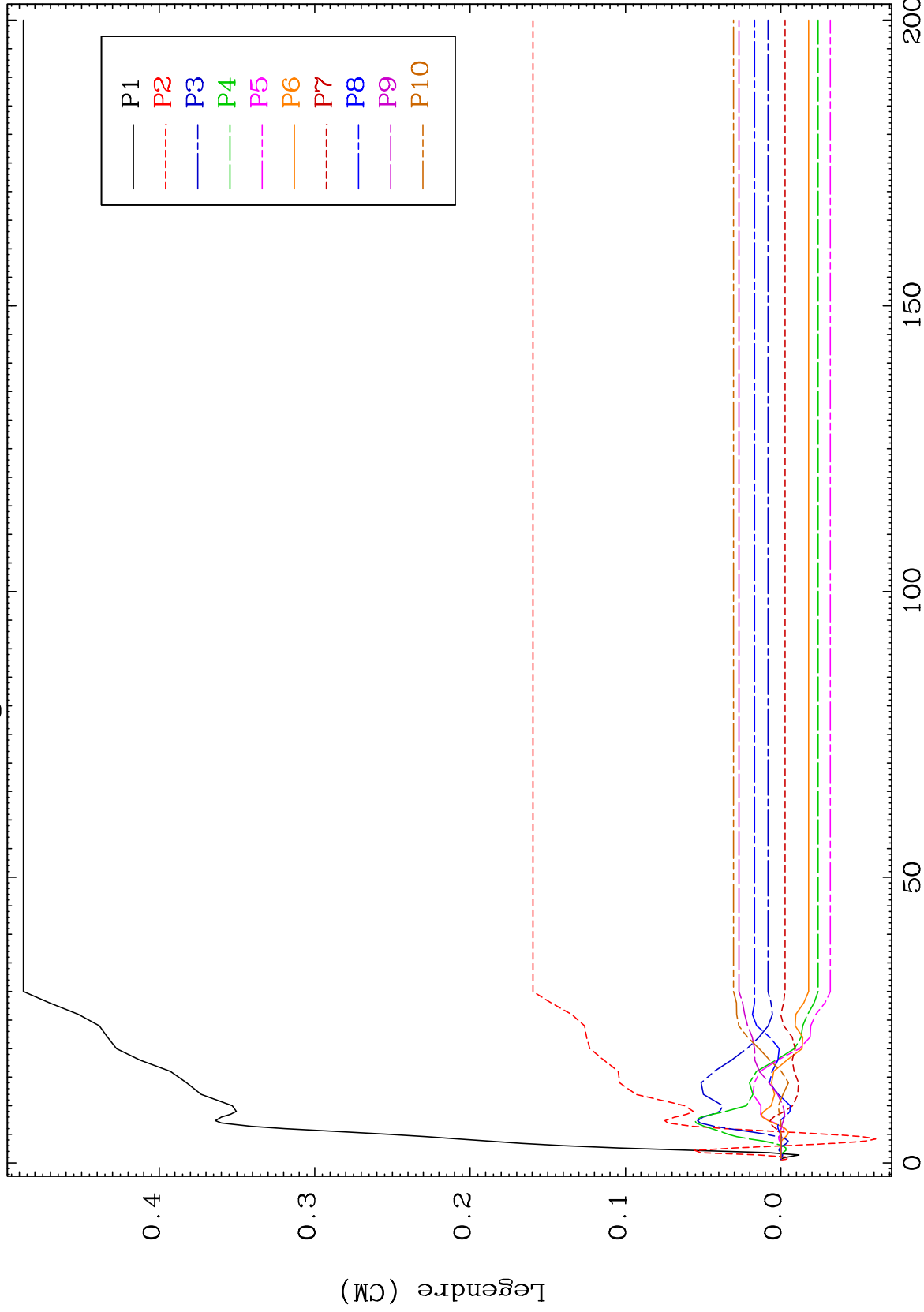
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



35

Incident Energy (MeV)

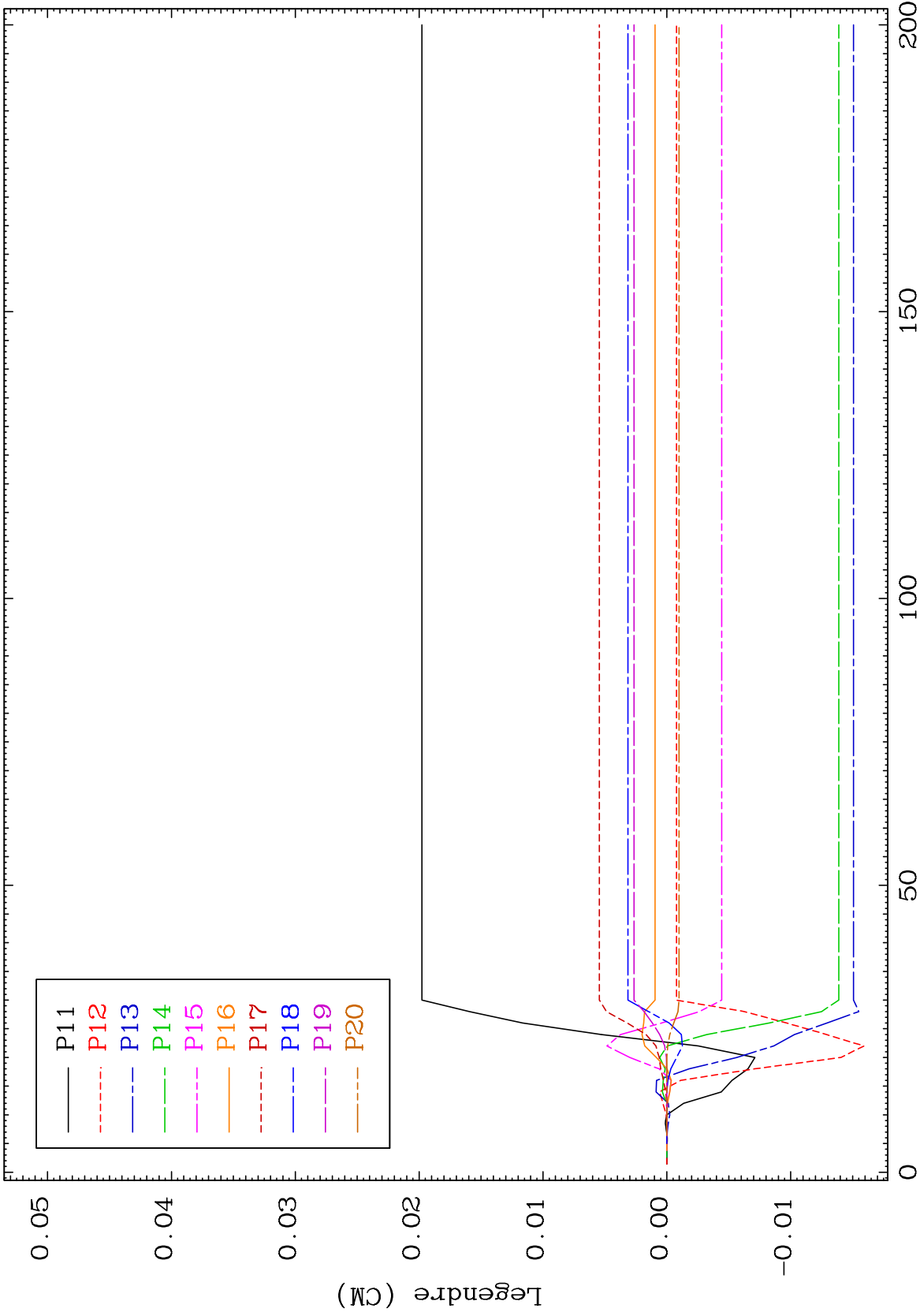
50

87-Fr-206

100

150

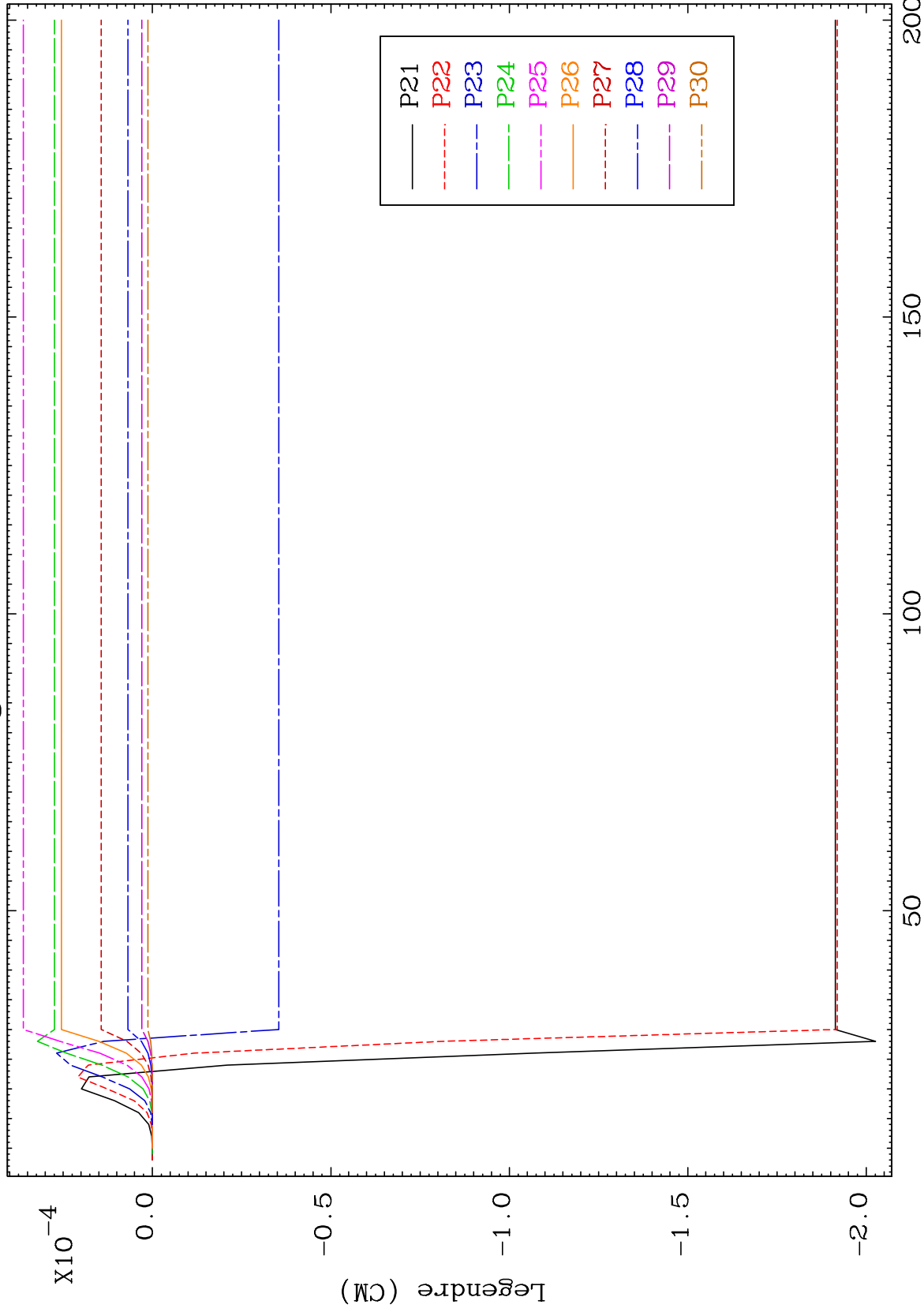
200



MAT 8707

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

87-Fr-206



37

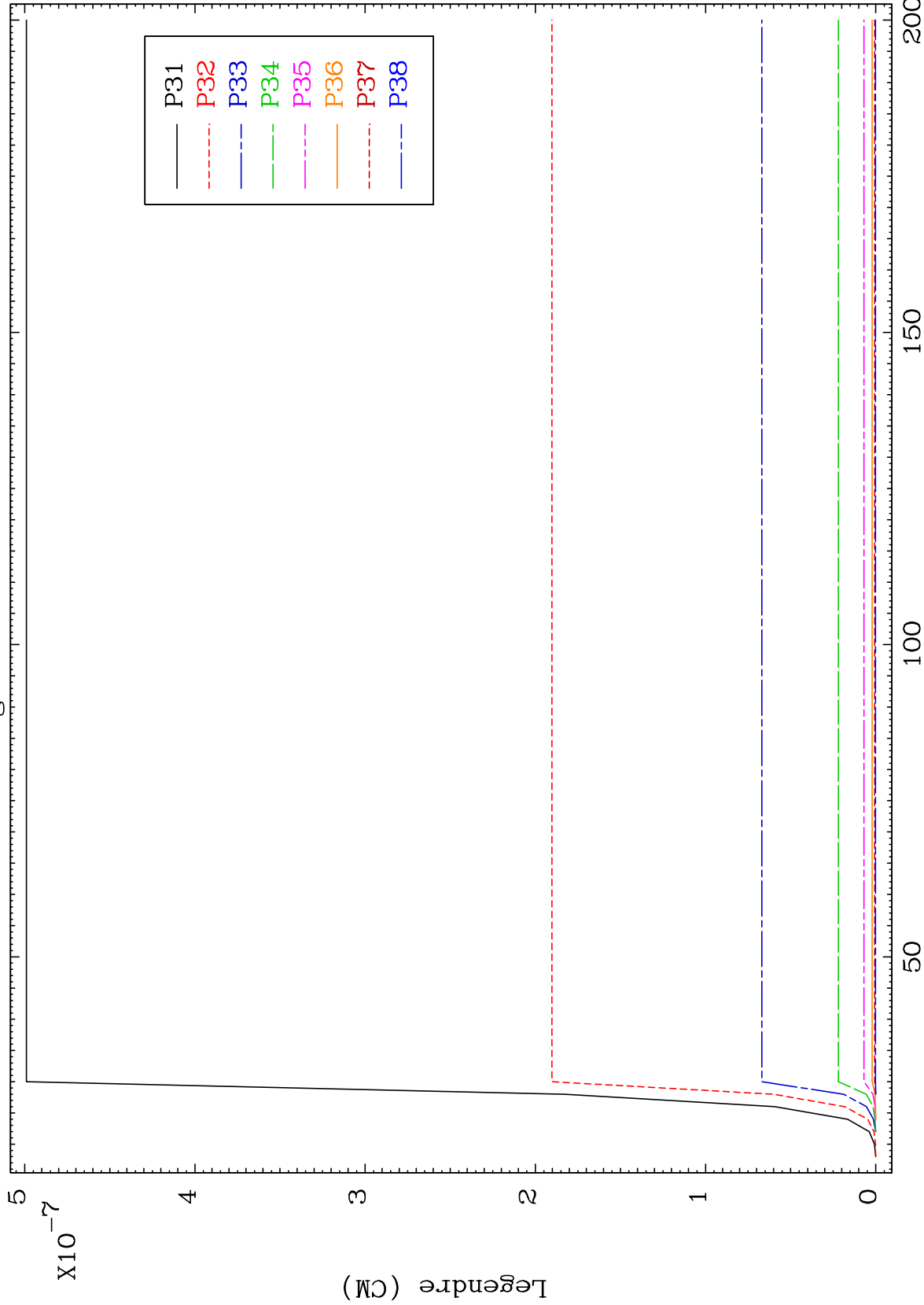
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



38

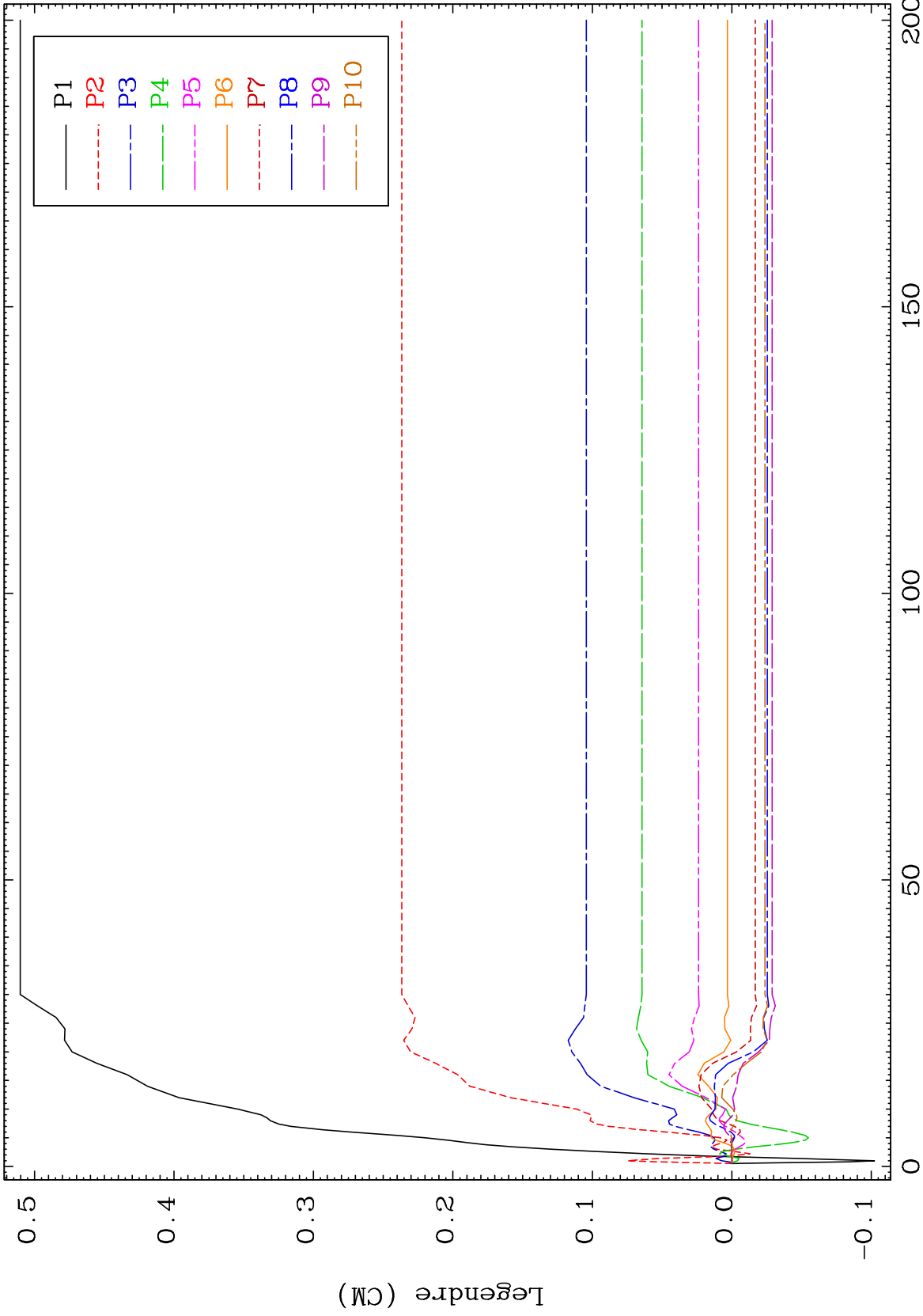
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



39

Incident Energy (MeV)

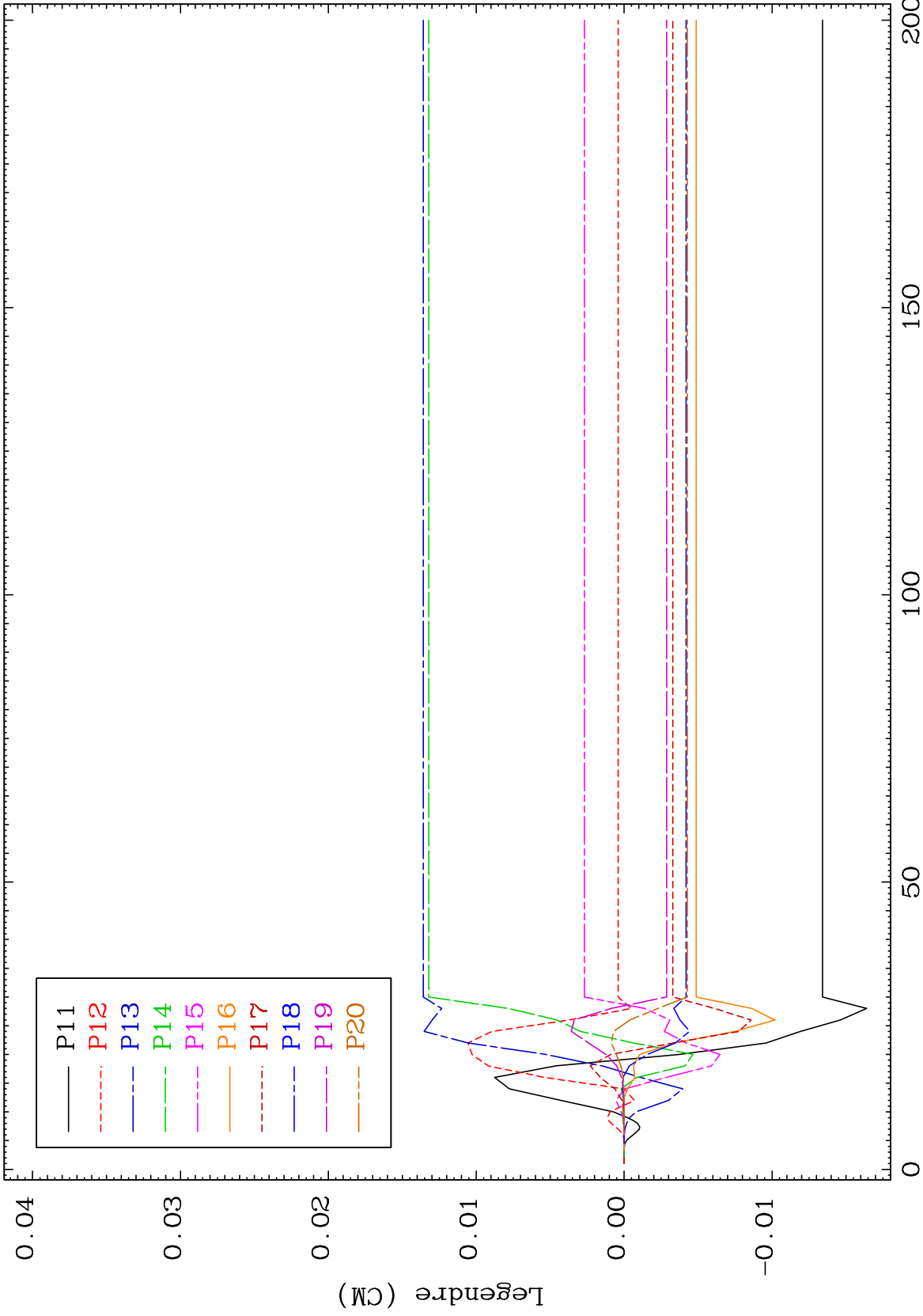
87-Fr-206



MAT 8707

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

87-Fr-206



40

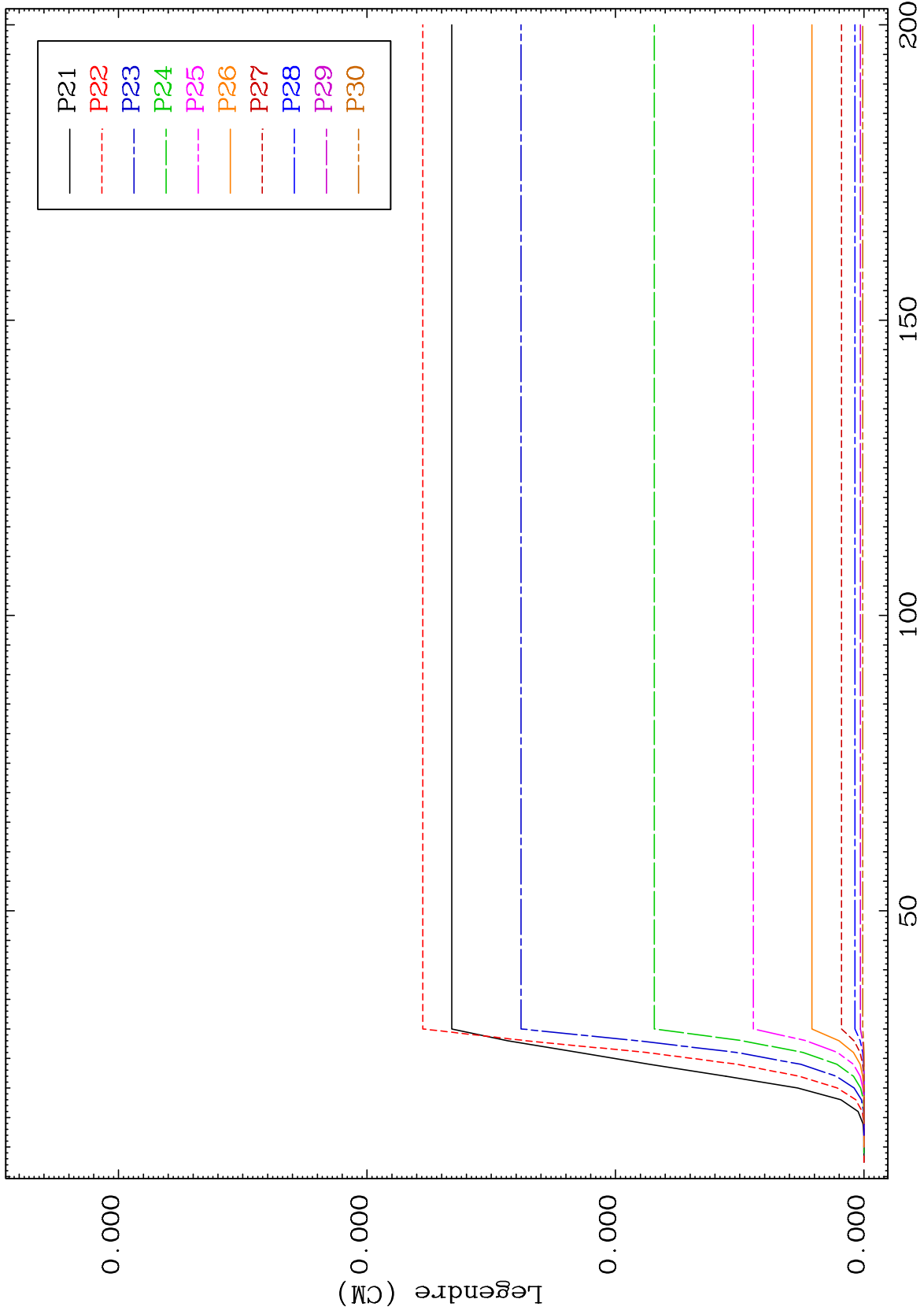
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

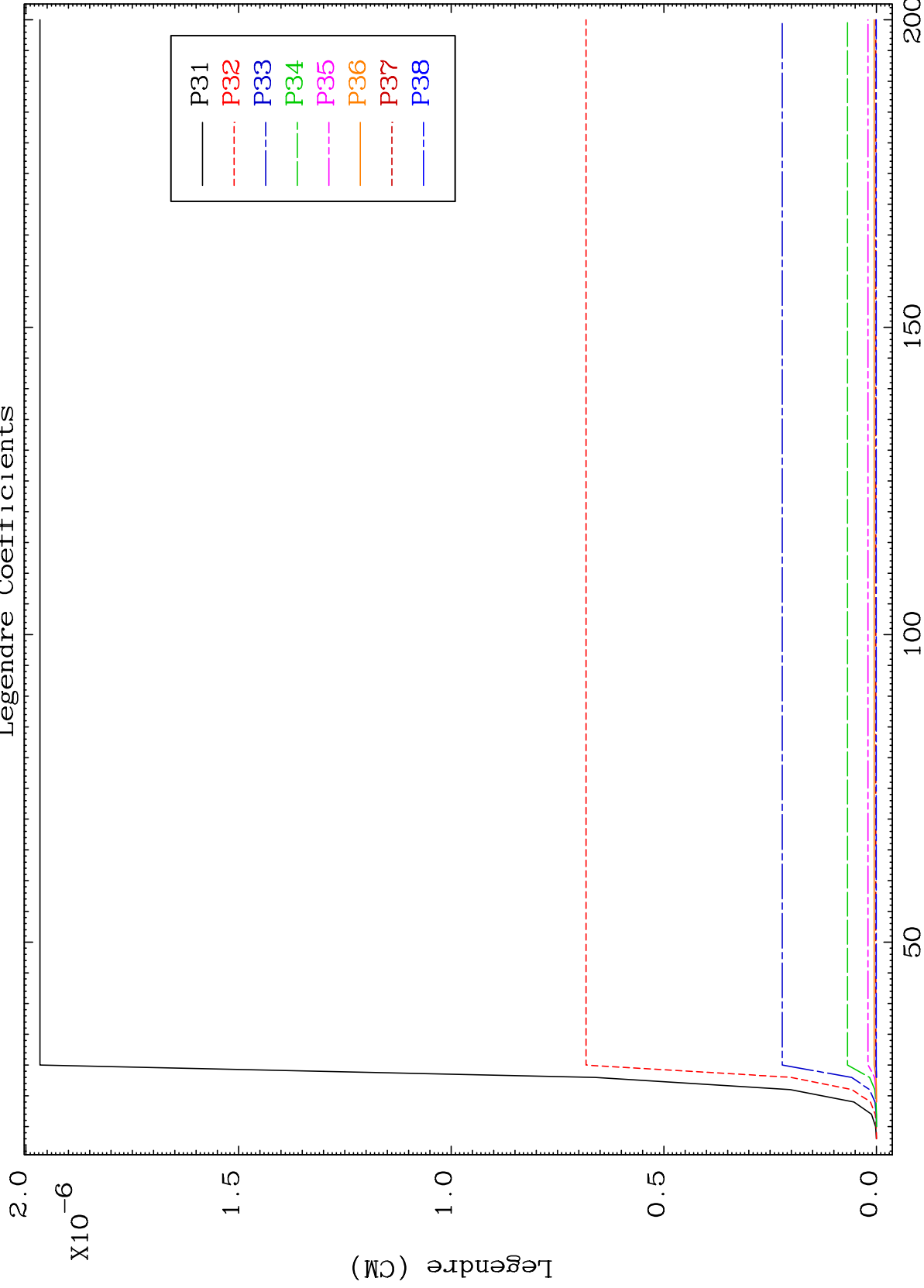
87-Fr-206



MAT 8707

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

87-Fr-206



42

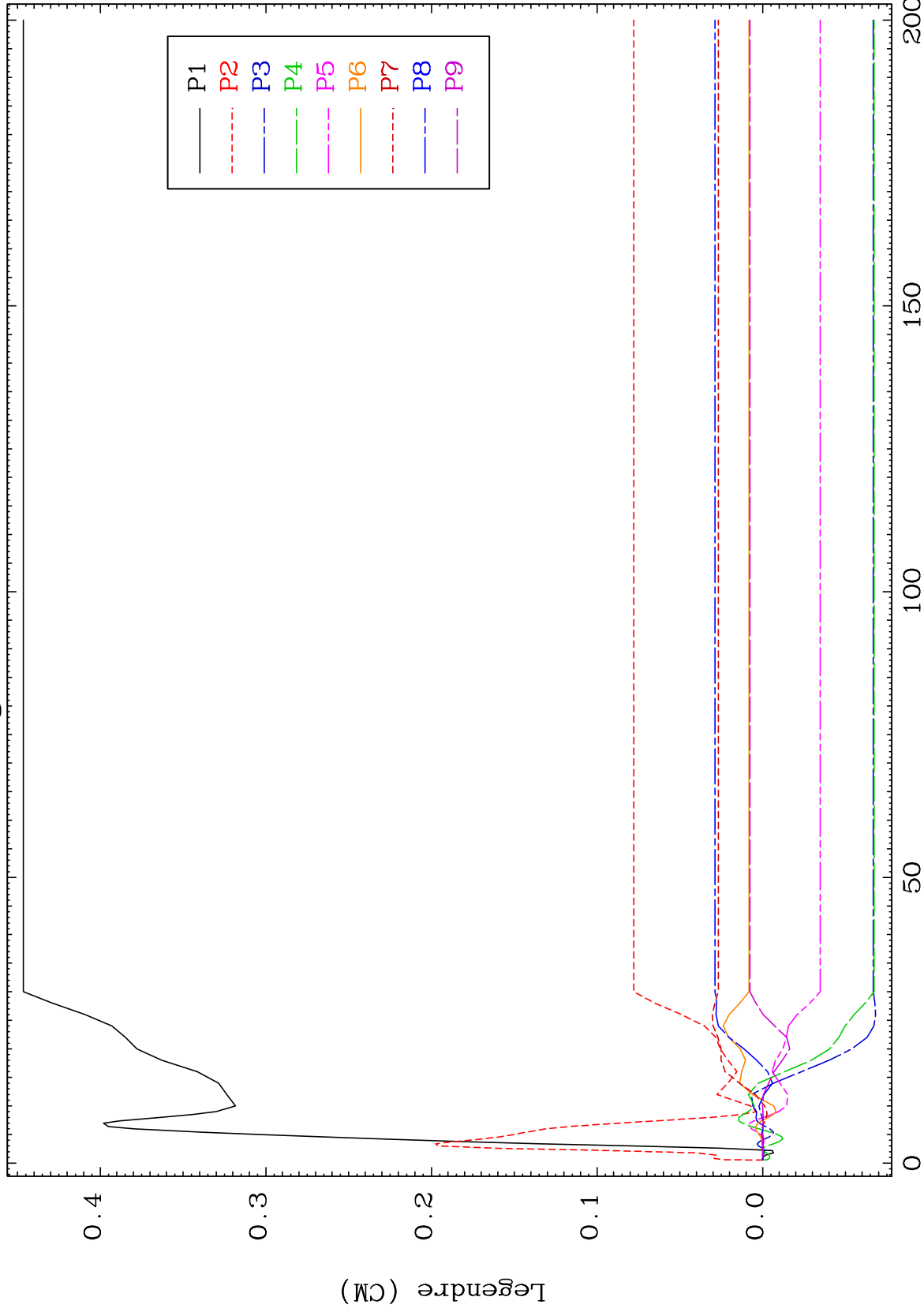
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



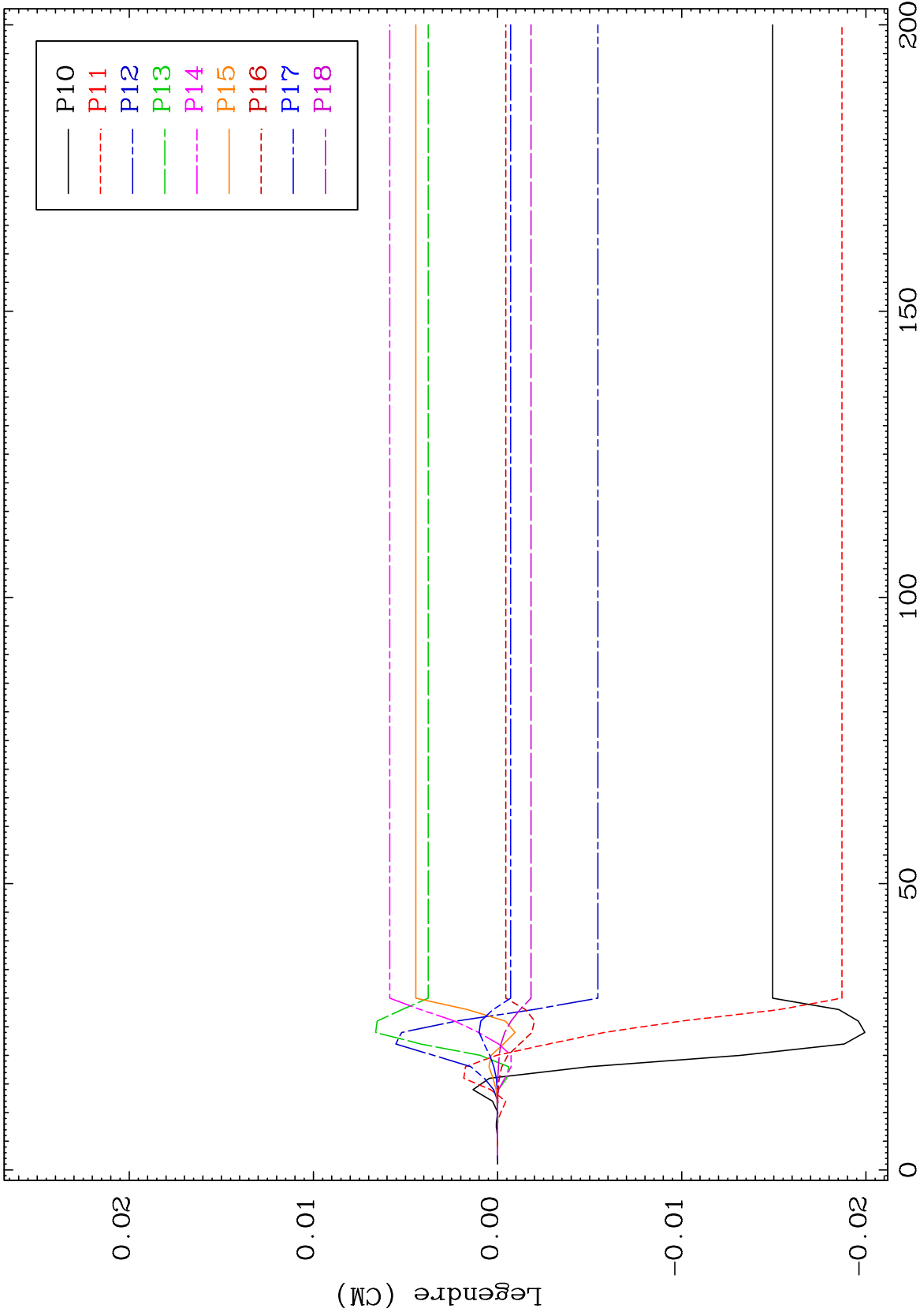
43

87-Fr-206

MAT 8707

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

87-Fr-206



44

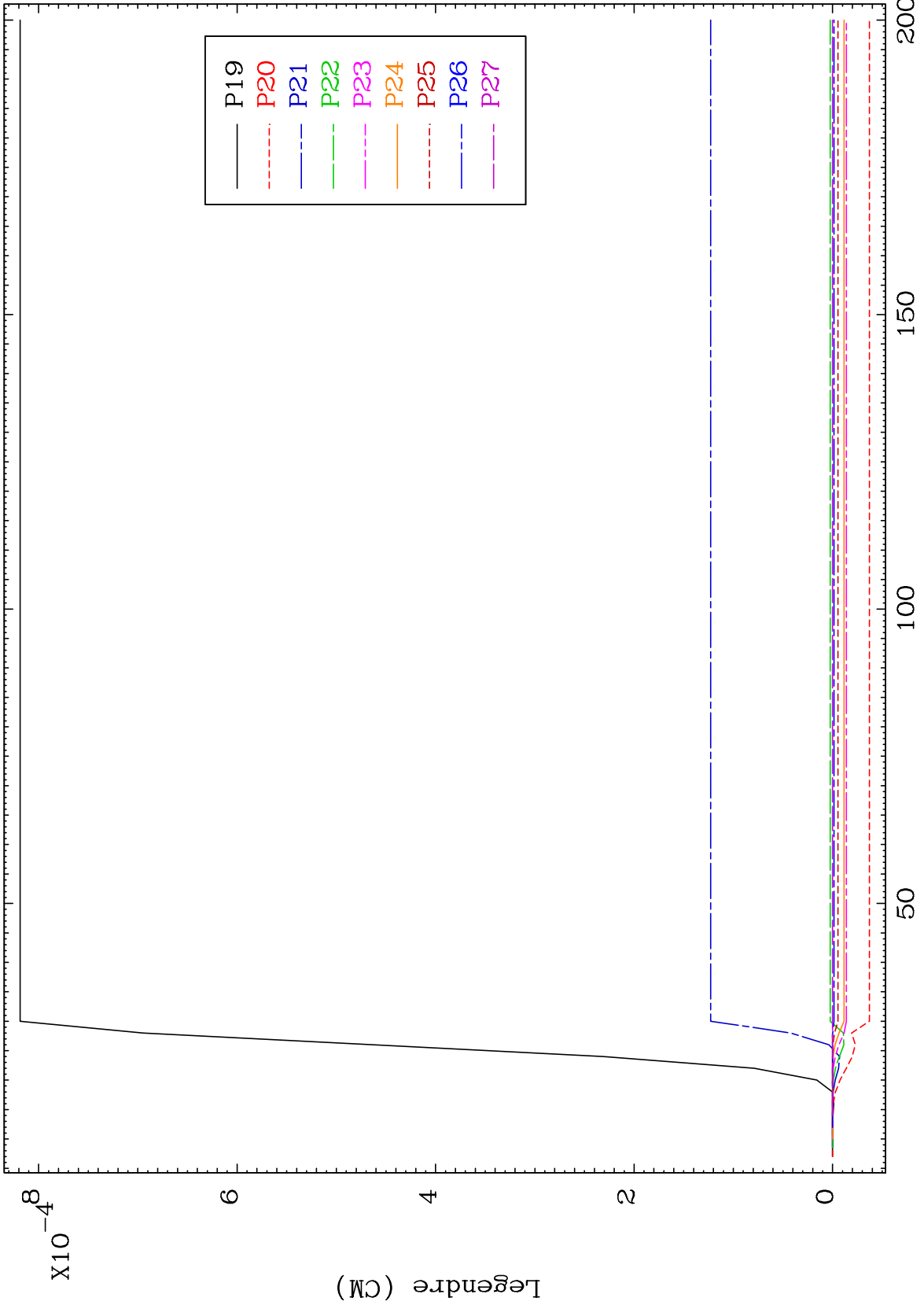
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



45

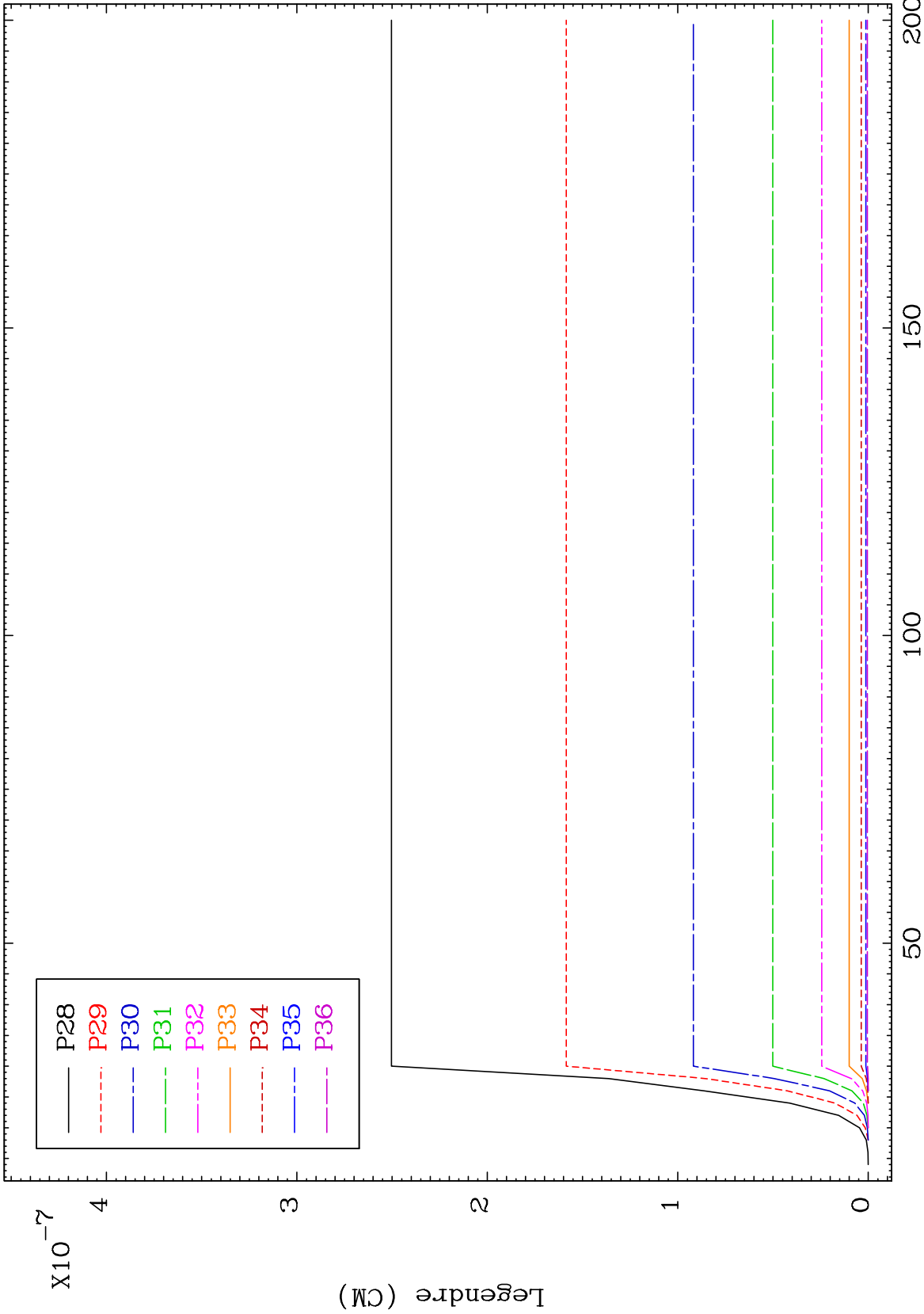
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



46

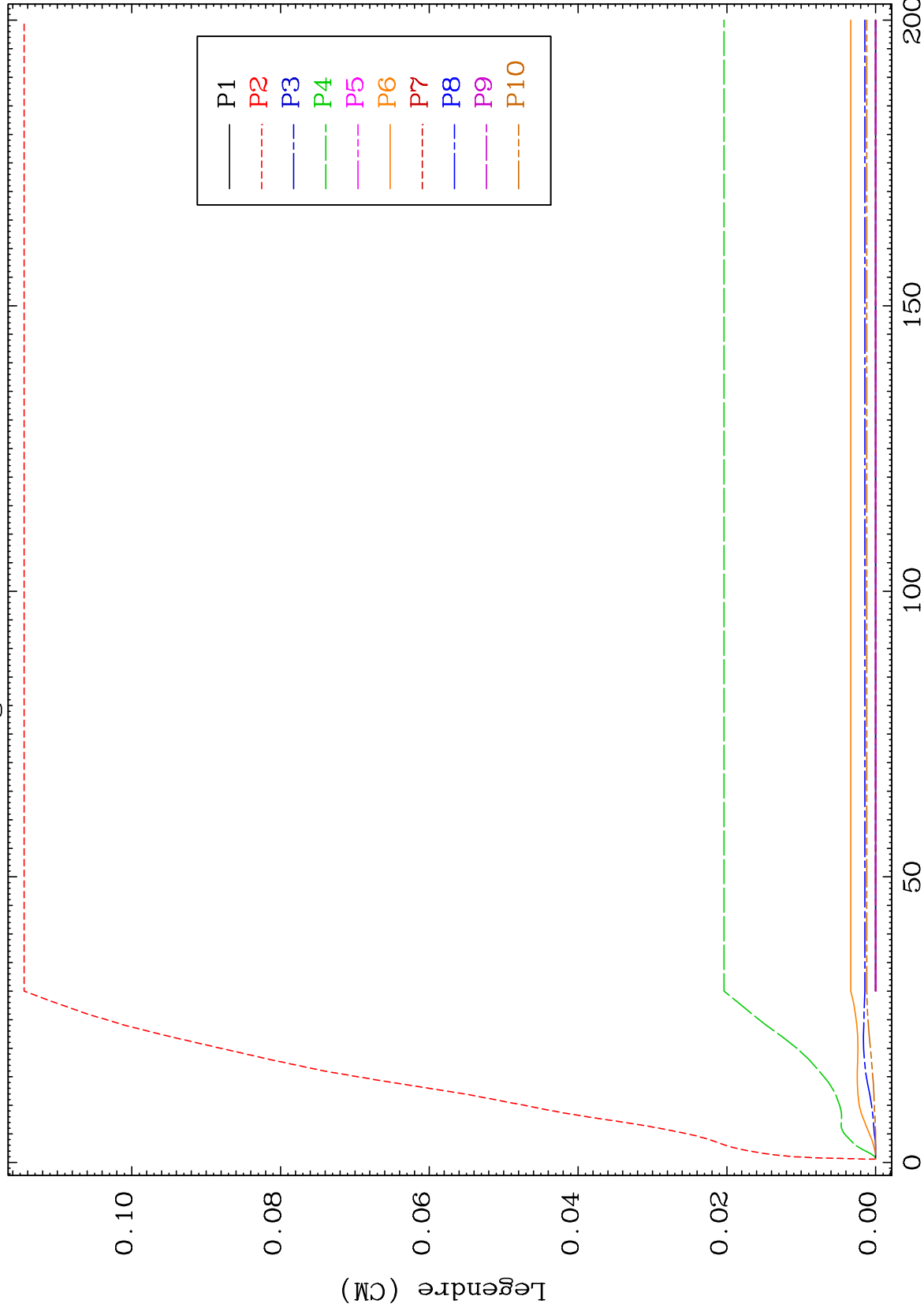
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



47

Incident Energy (MeV)

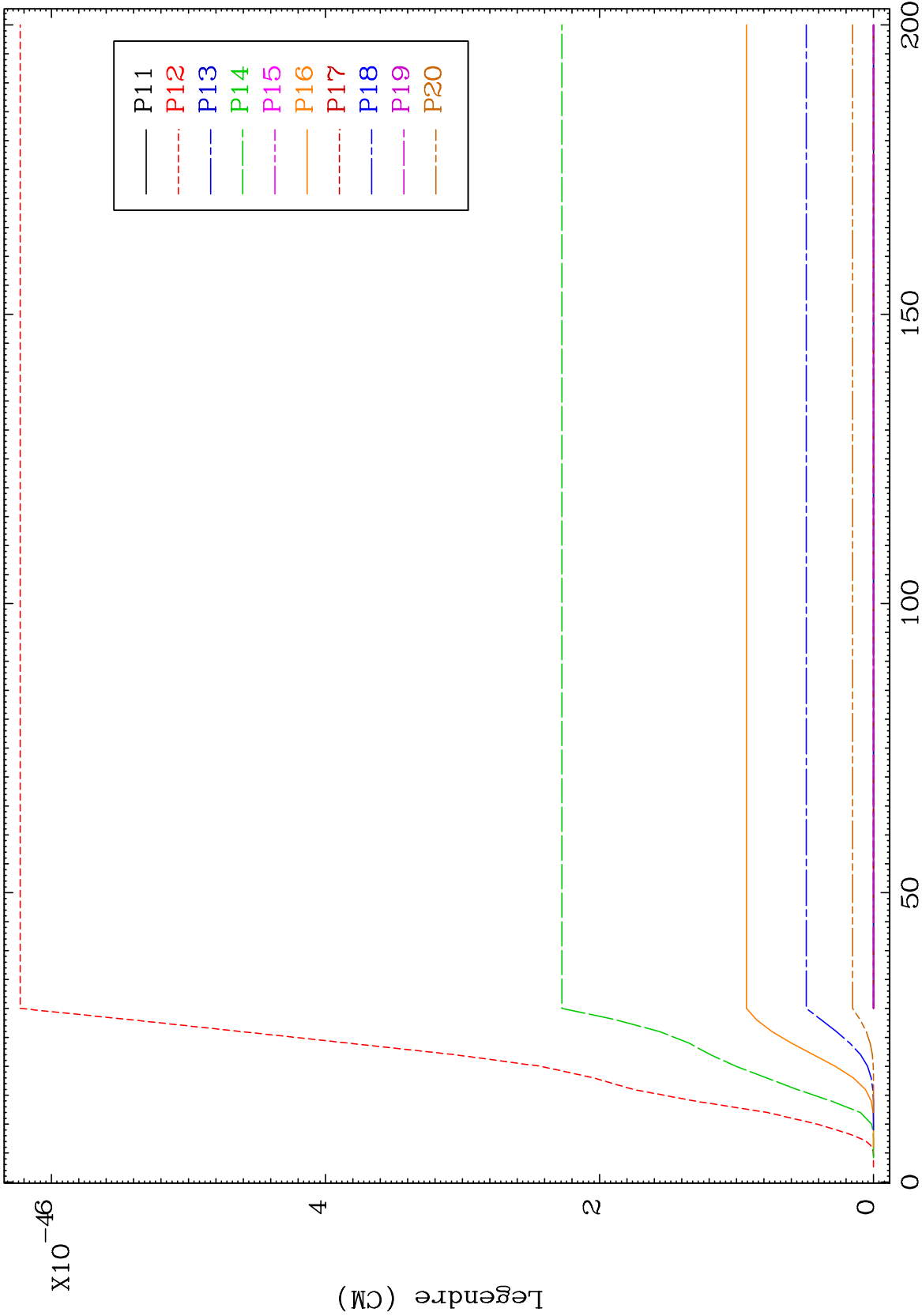
87-Fr-206



MAT 8707

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

87-Fr-206



48

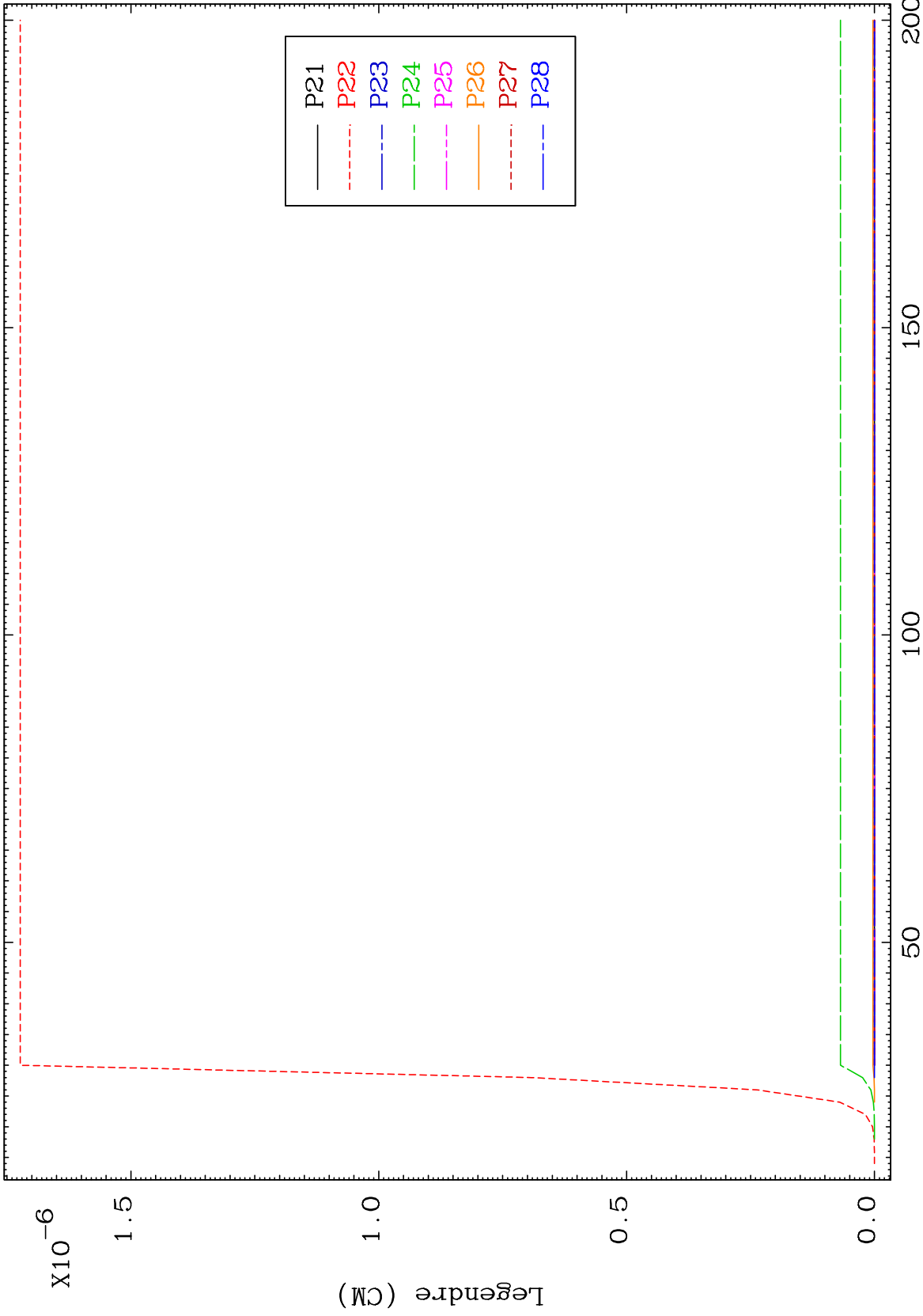
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



49

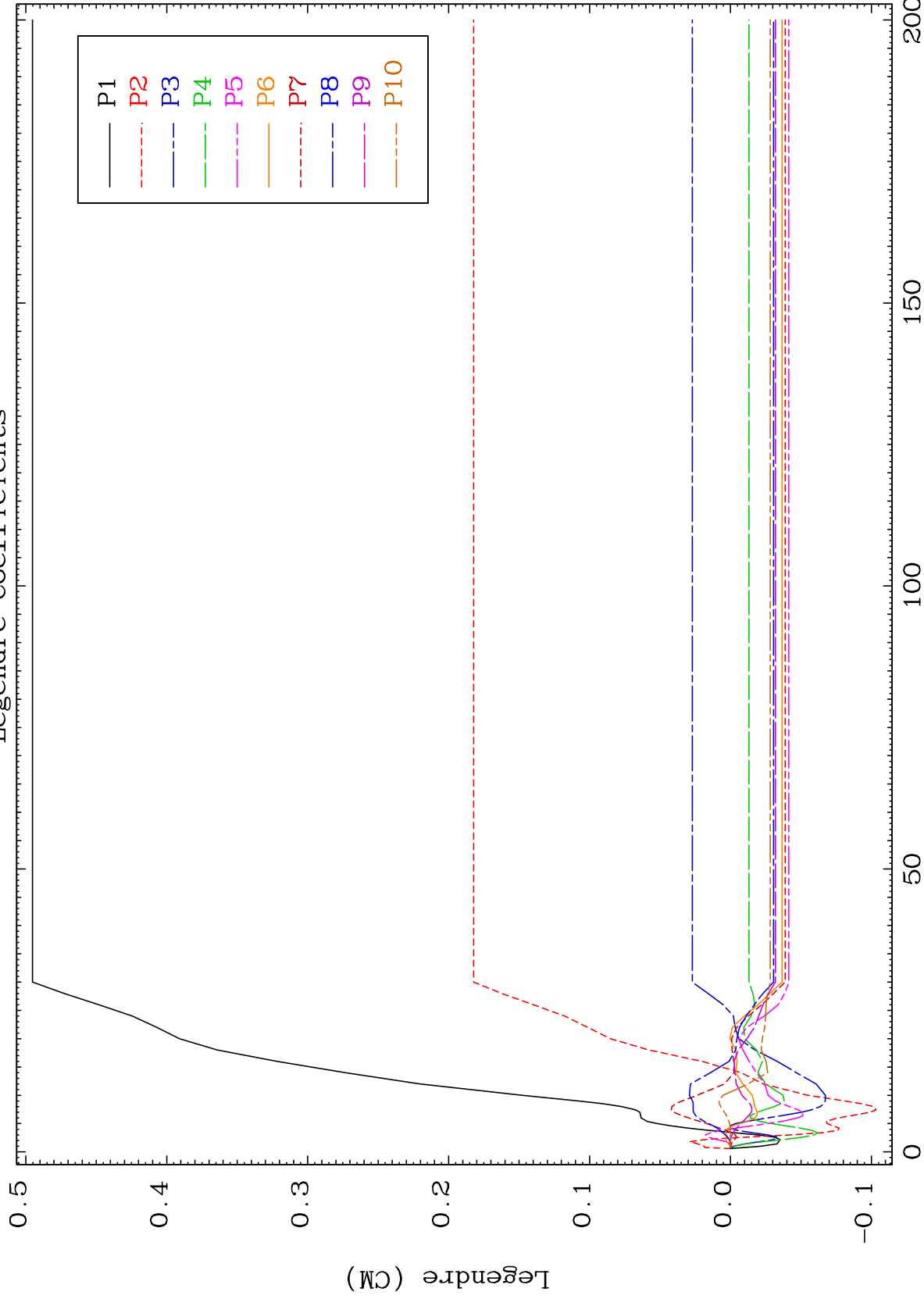
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



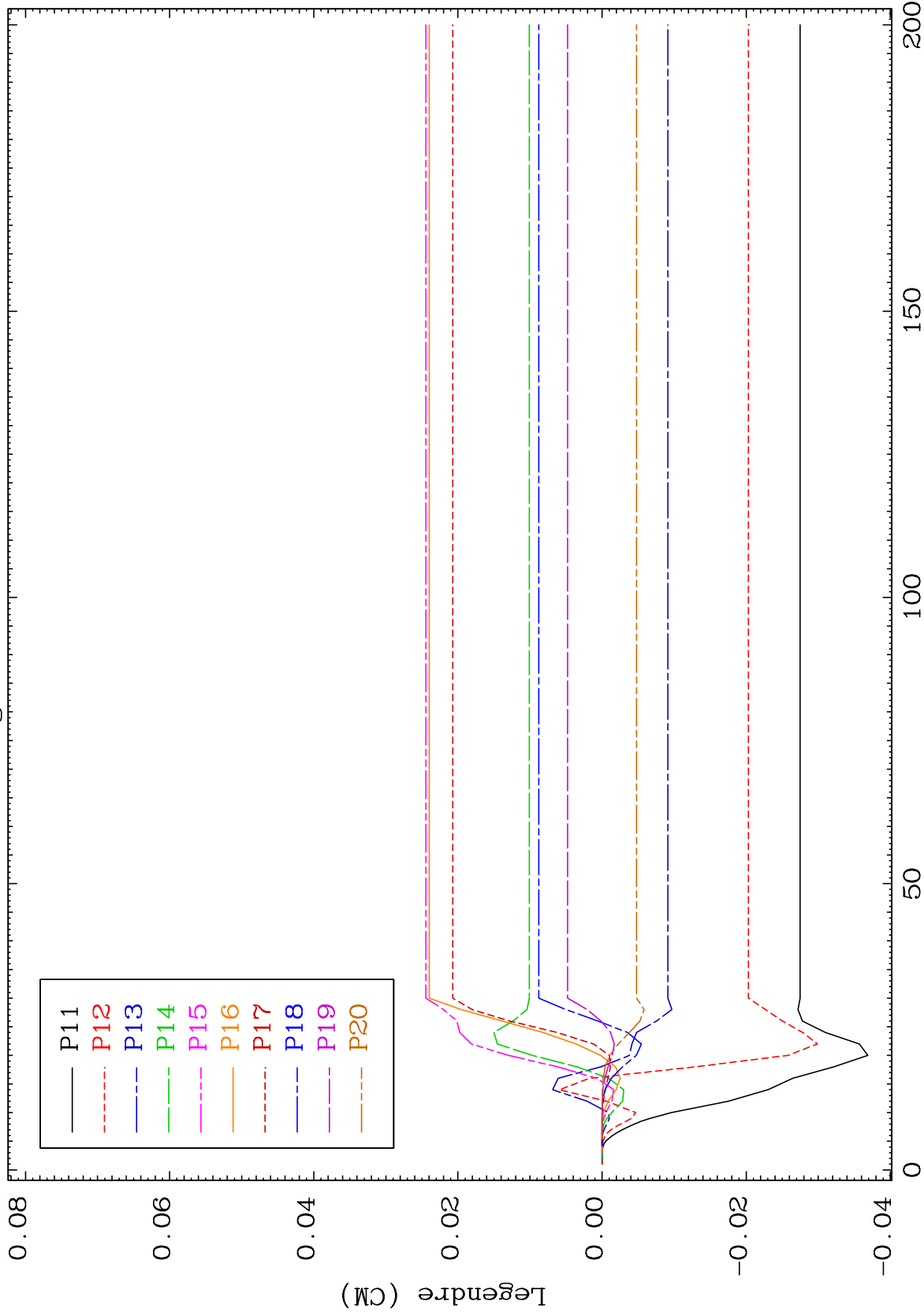
87-Fr-206

Incident Energy (MeV)

MAT 8707

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

87-Fr-206



51

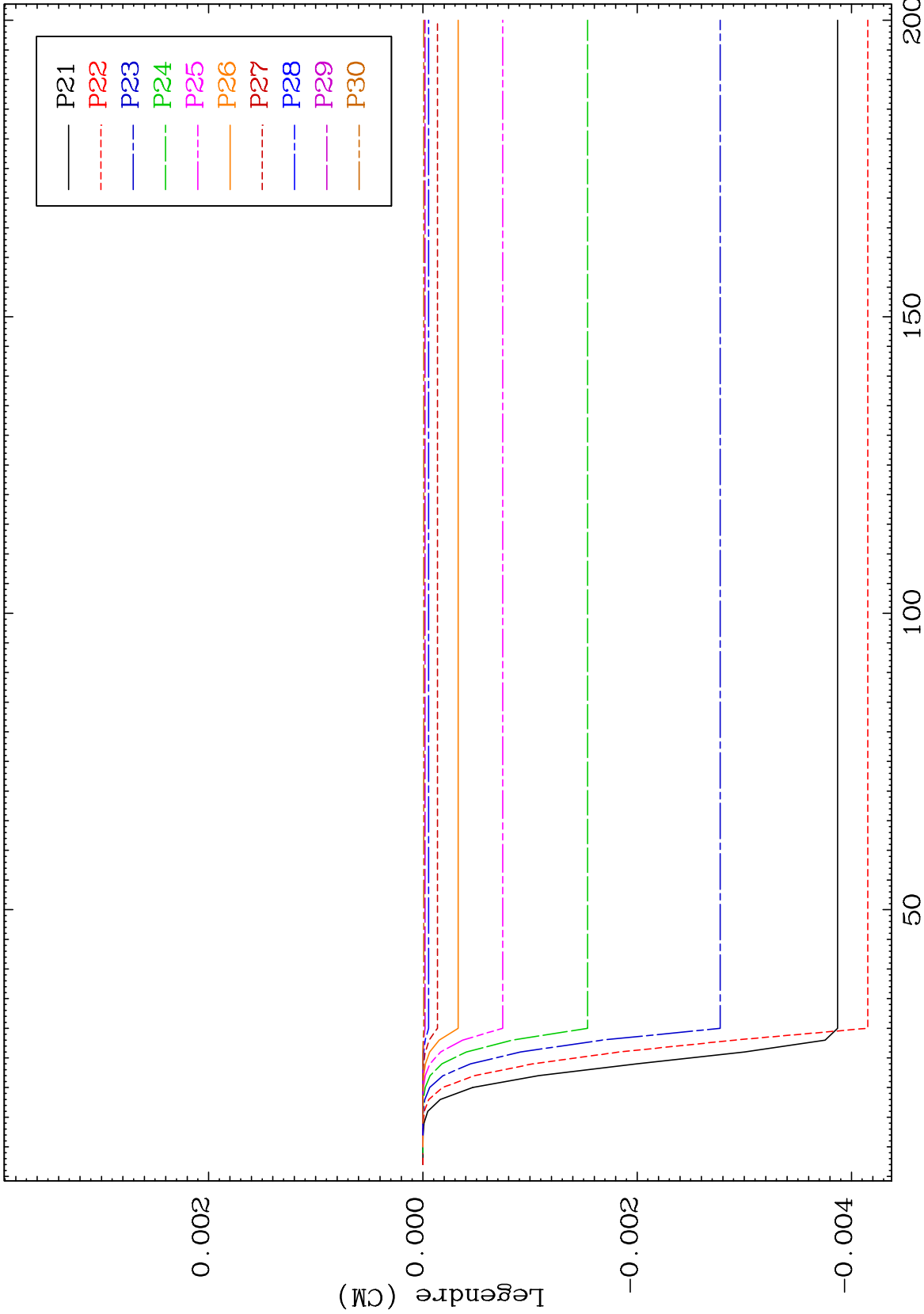
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



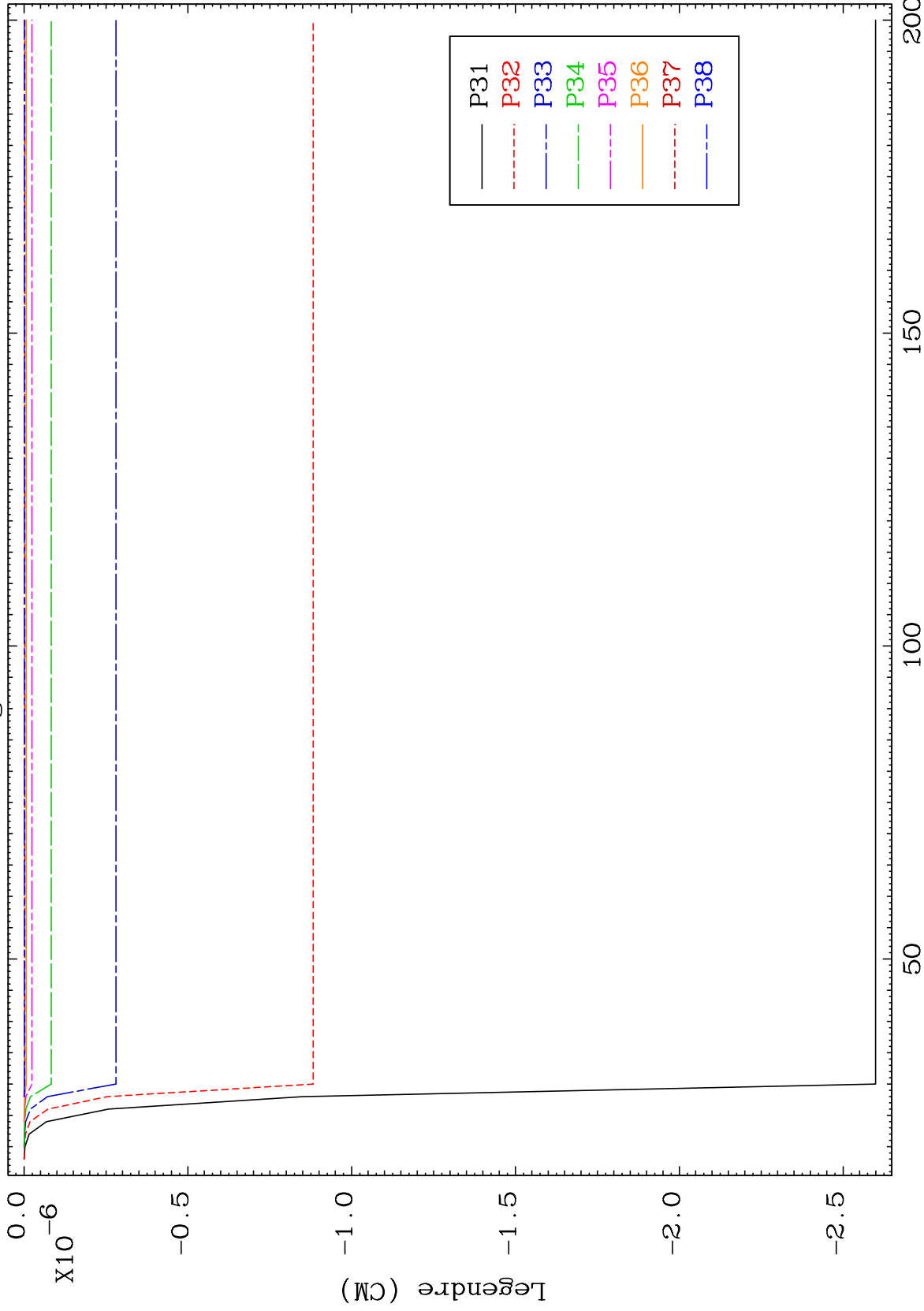
52

87-Fr-206

MAT 8707

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

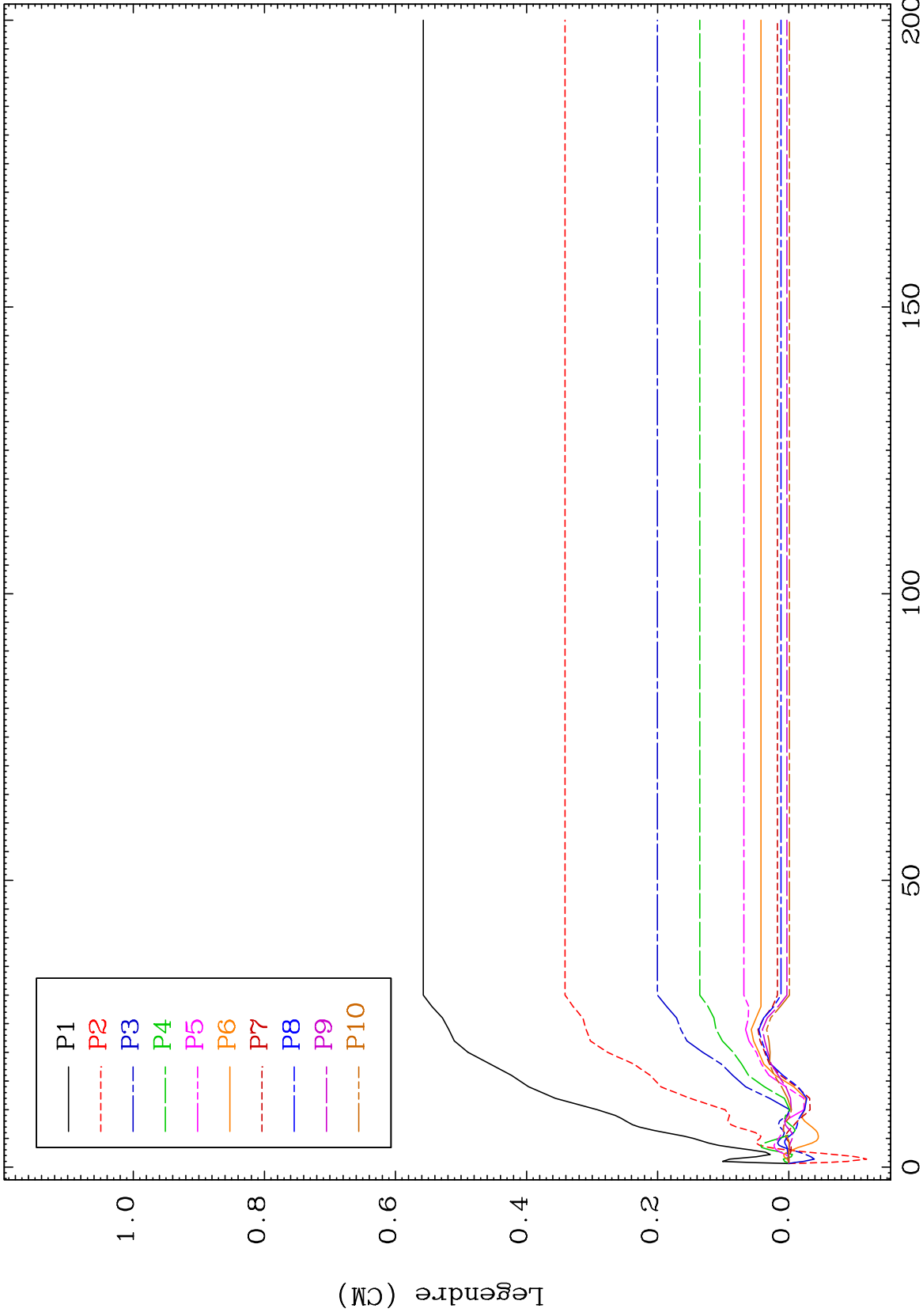
87-Fr-206



53

Incident Energy (MeV)

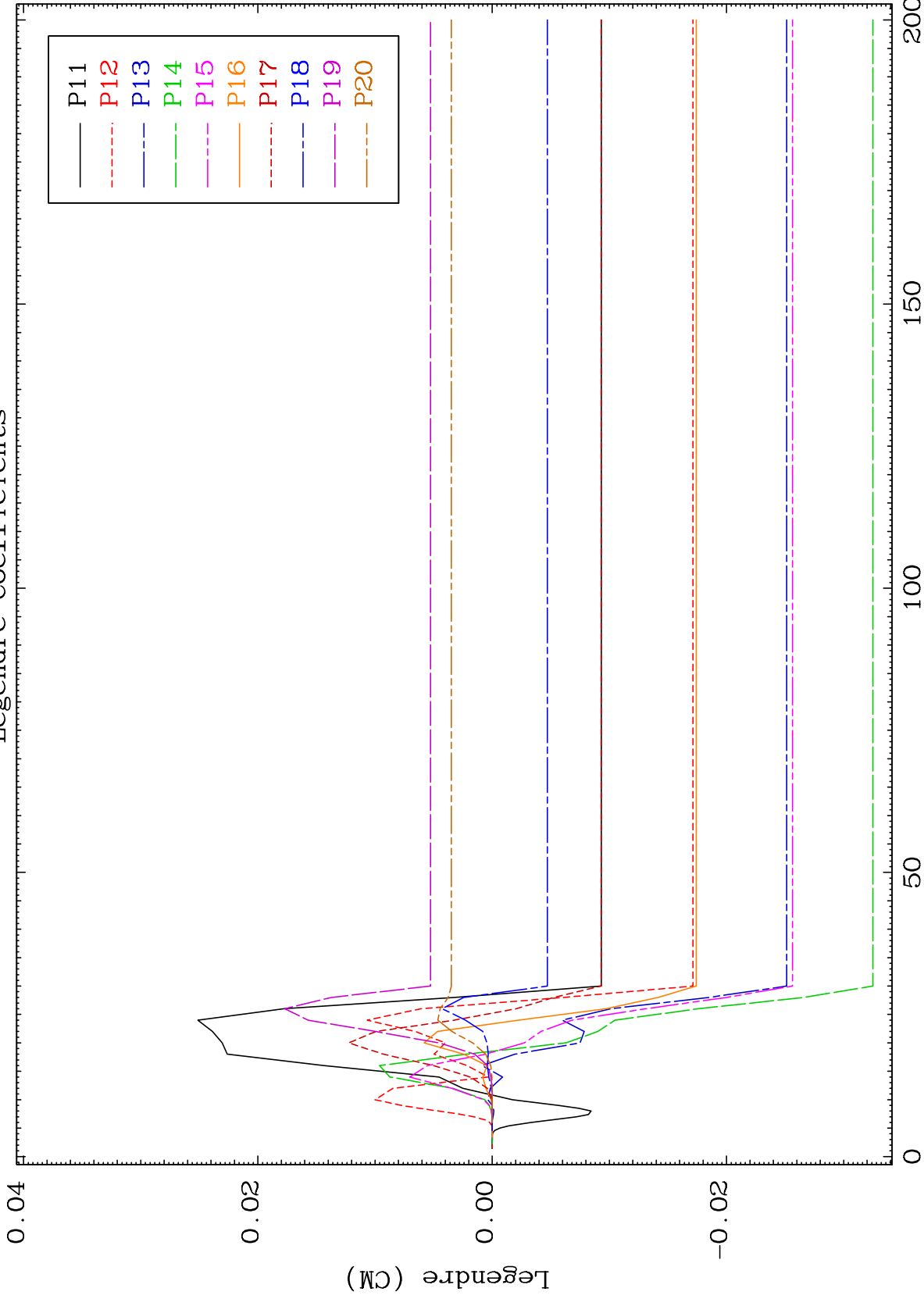
87-Fr-206



MAT 8707

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

87-Fr-206

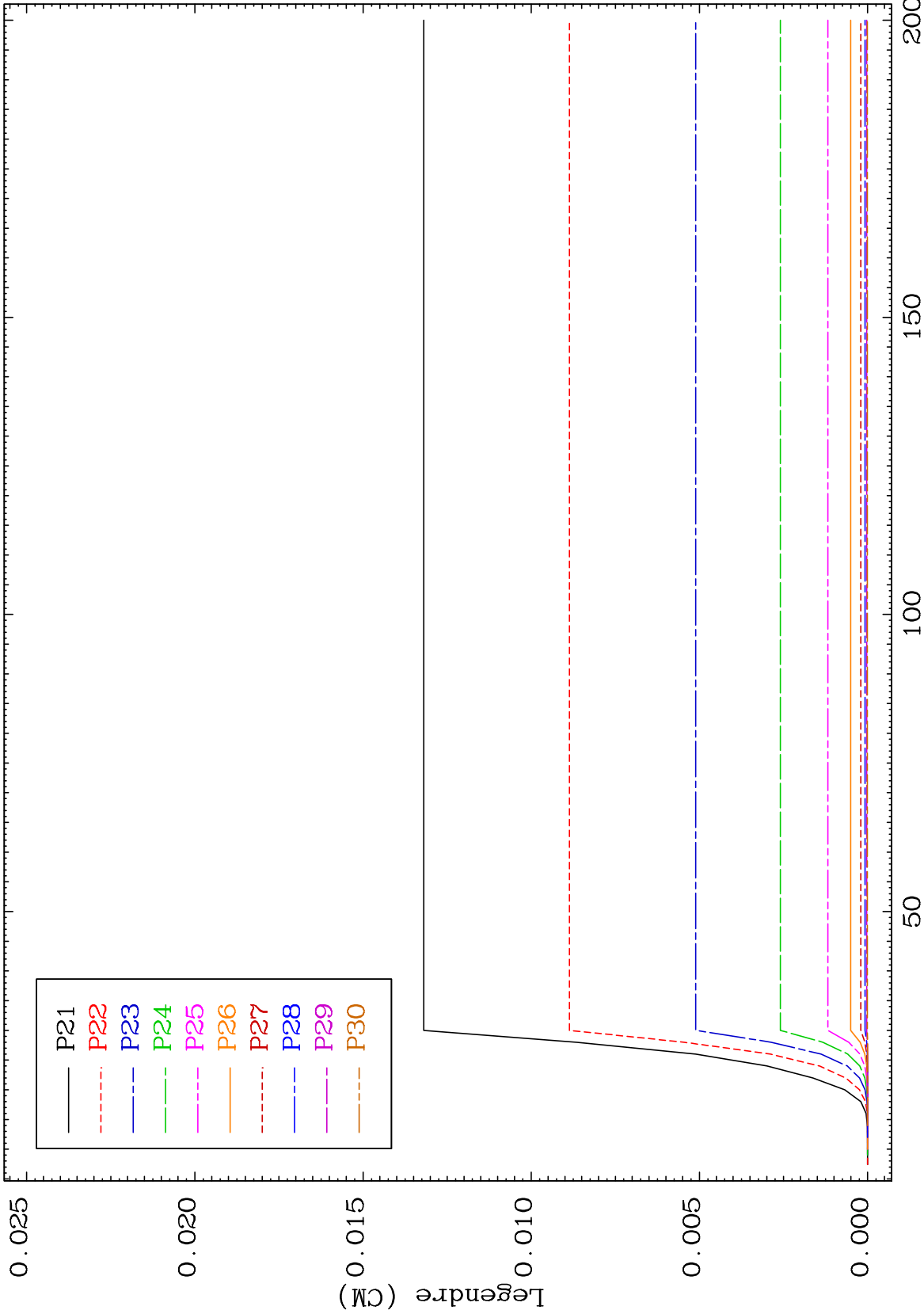


55

Incident Energy (MeV)

87-Fr-206

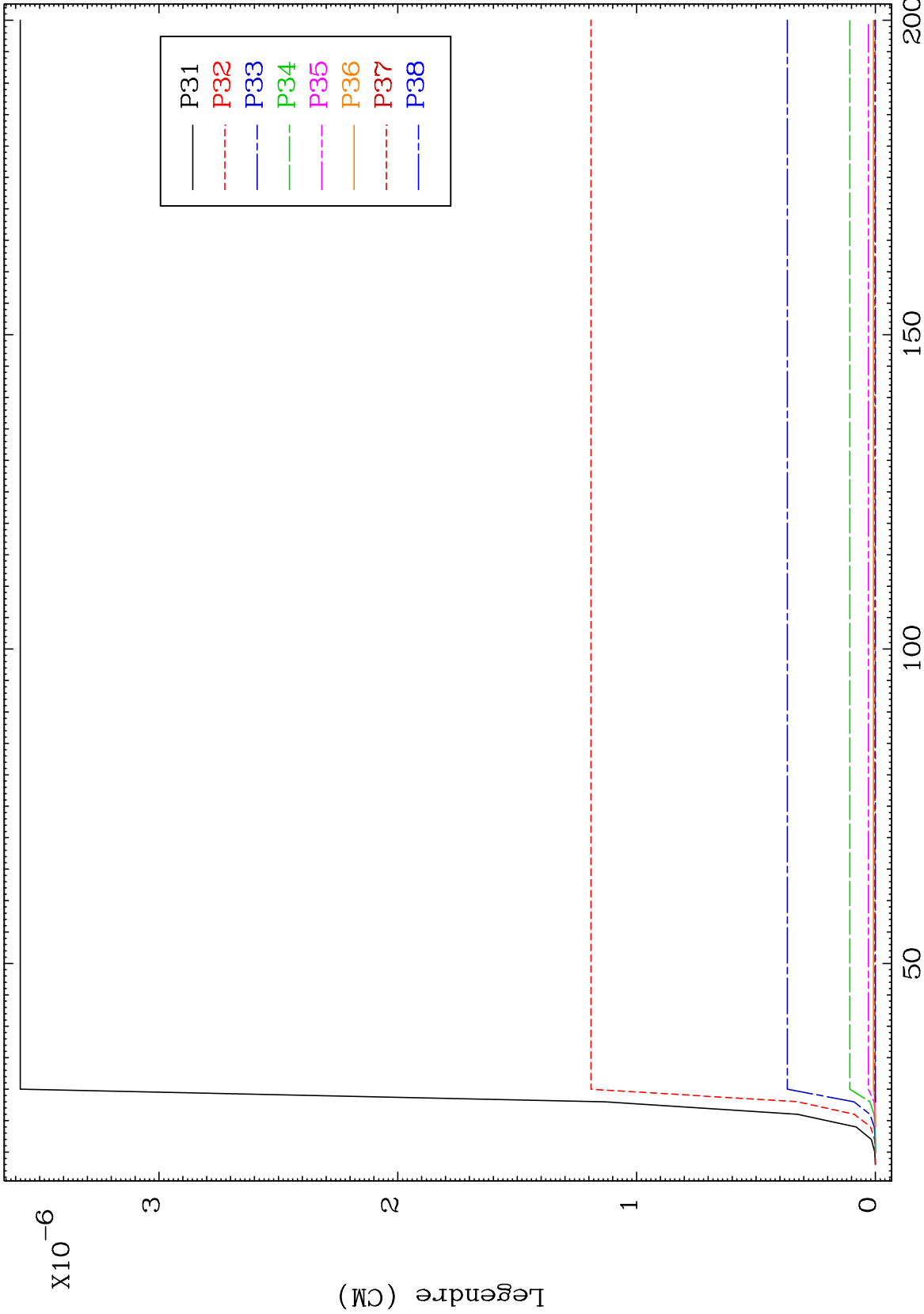




MAT 8707

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

87-Fr-206



57

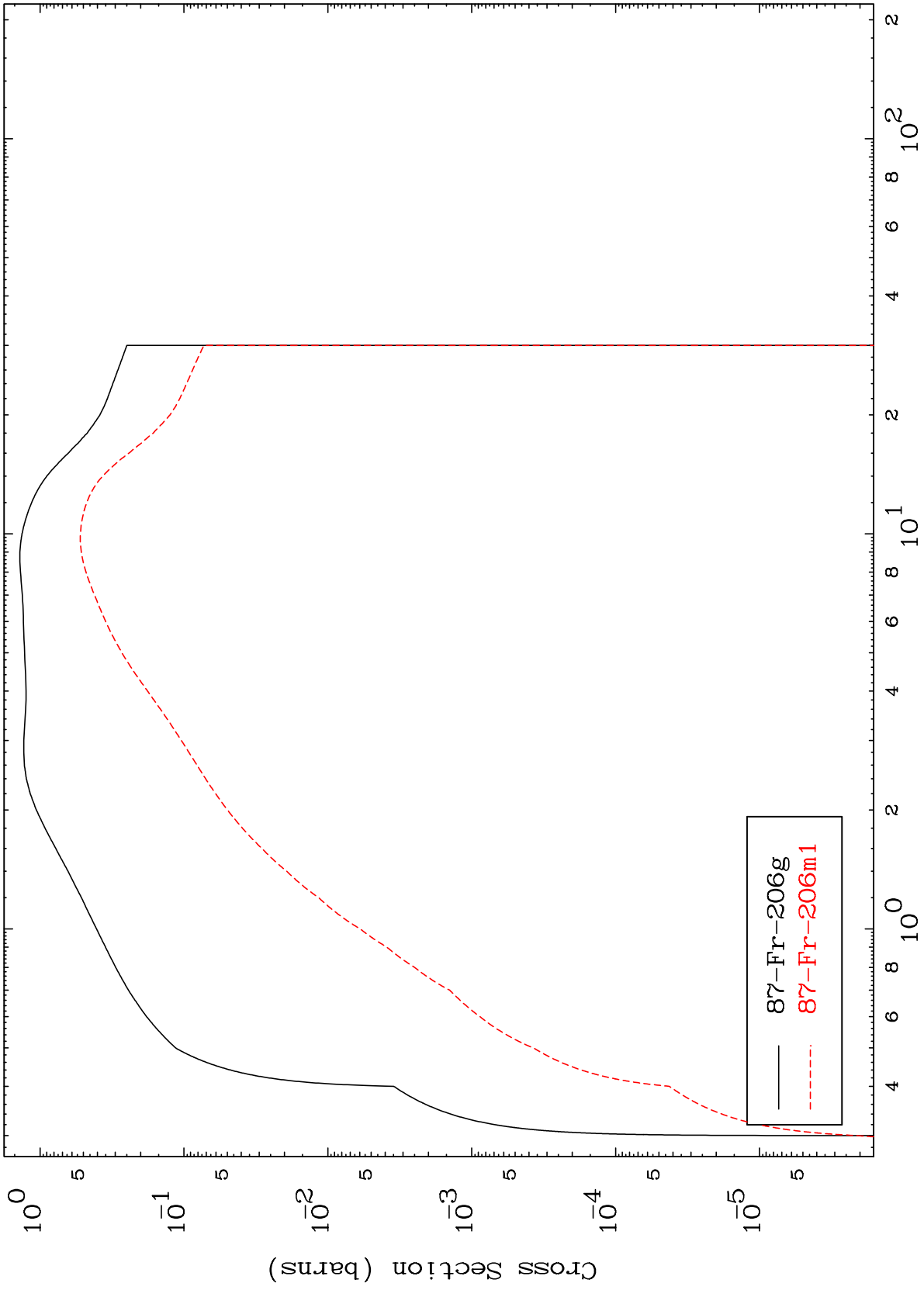
Incident Energy (MeV)

87-Fr-206

MAT 8707

Inelastic  
Radionuclide Production Cross Section

87-Fr-206

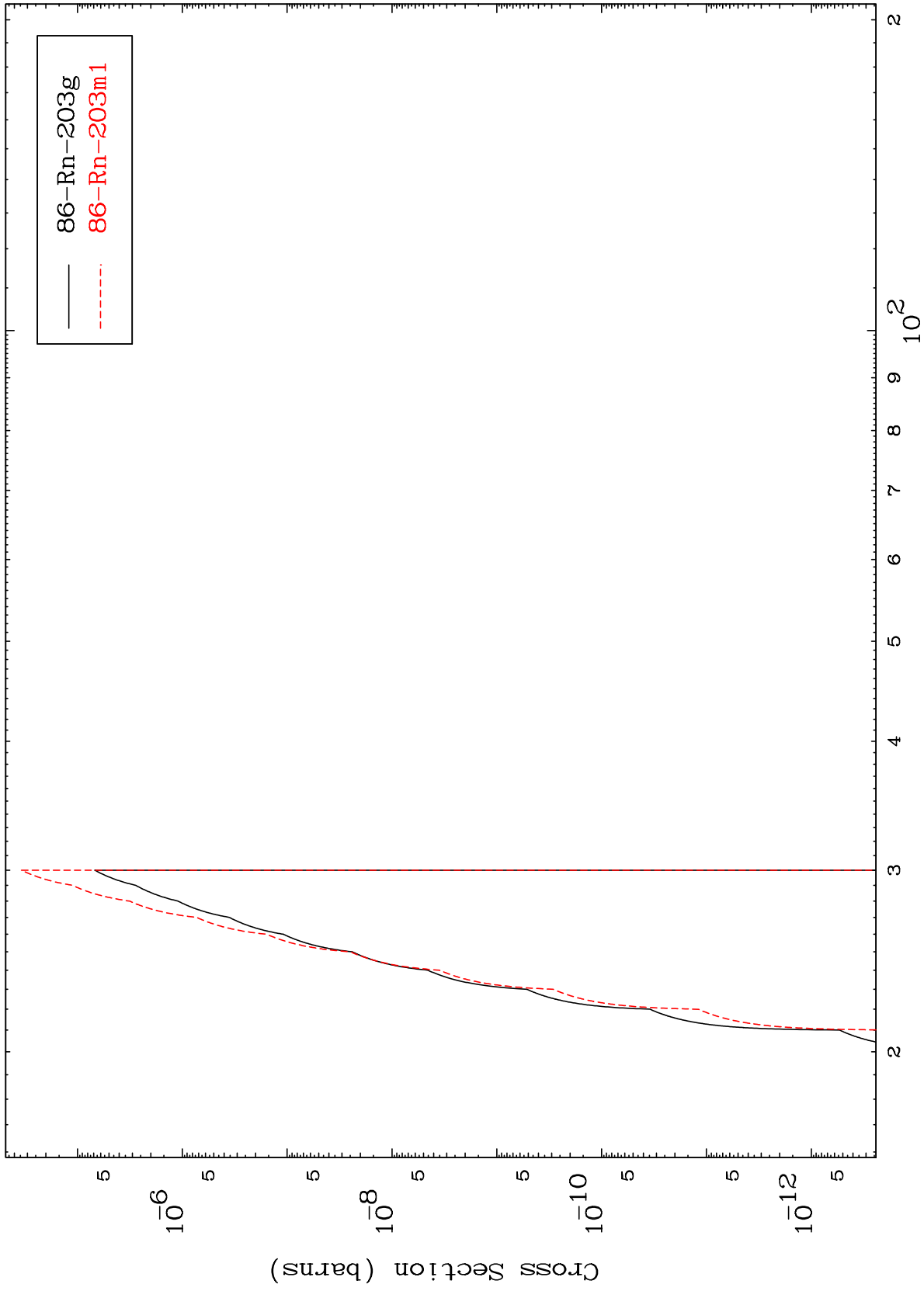


58

Incident Energy (MeV)

87-Fr-206

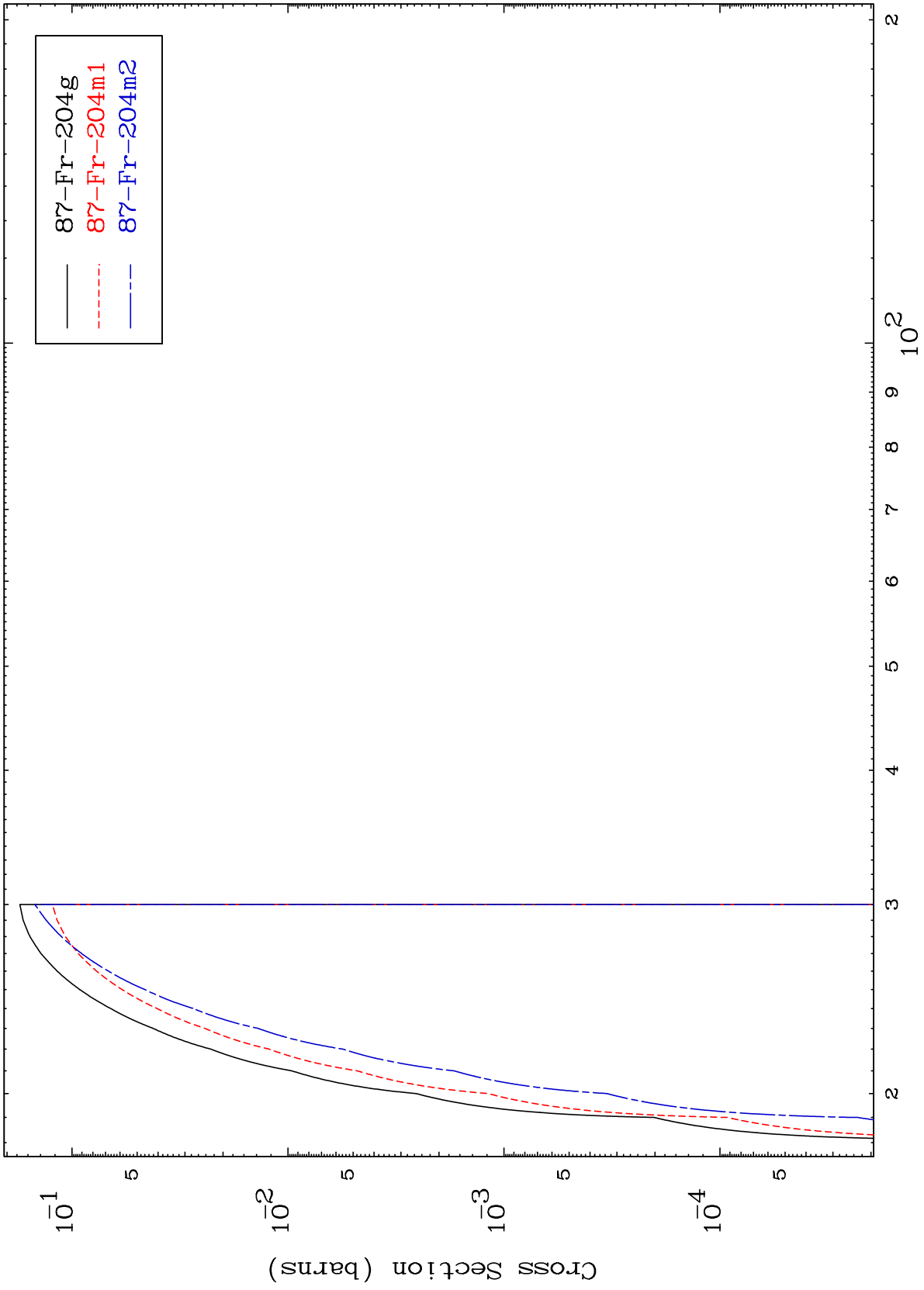
Radionuclide Production Cross Section



MAT 8707

87-Fr-206

(n,3n)  
Radionuclide Production Cross Section



60

Incident Energy (MeV)

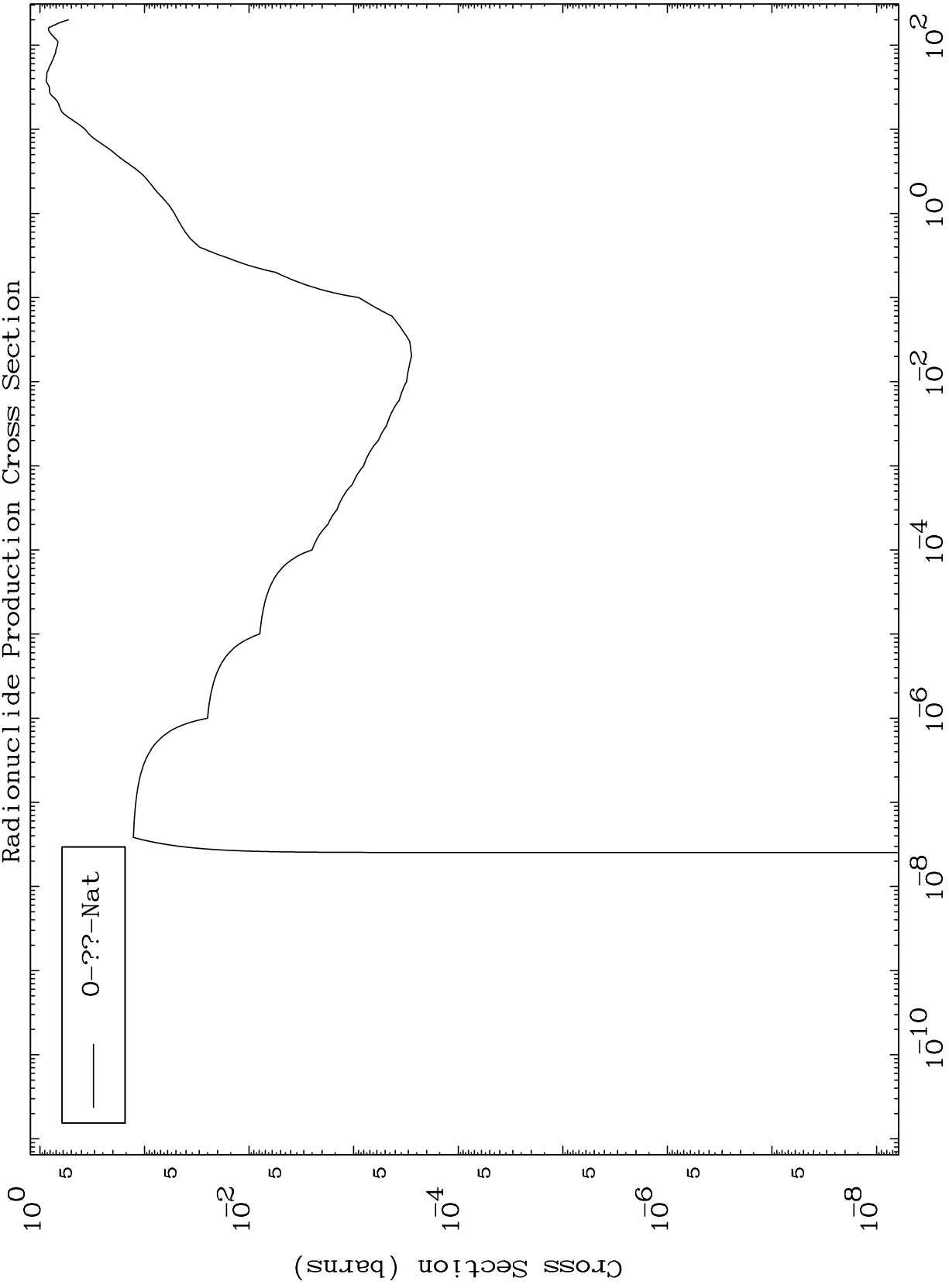
87-Fr-206

MAT 8707

Fission

87-Fr-206

Radionuclide Production Cross Section



0-?-?-Nat

61

Incident Energy (MeV)

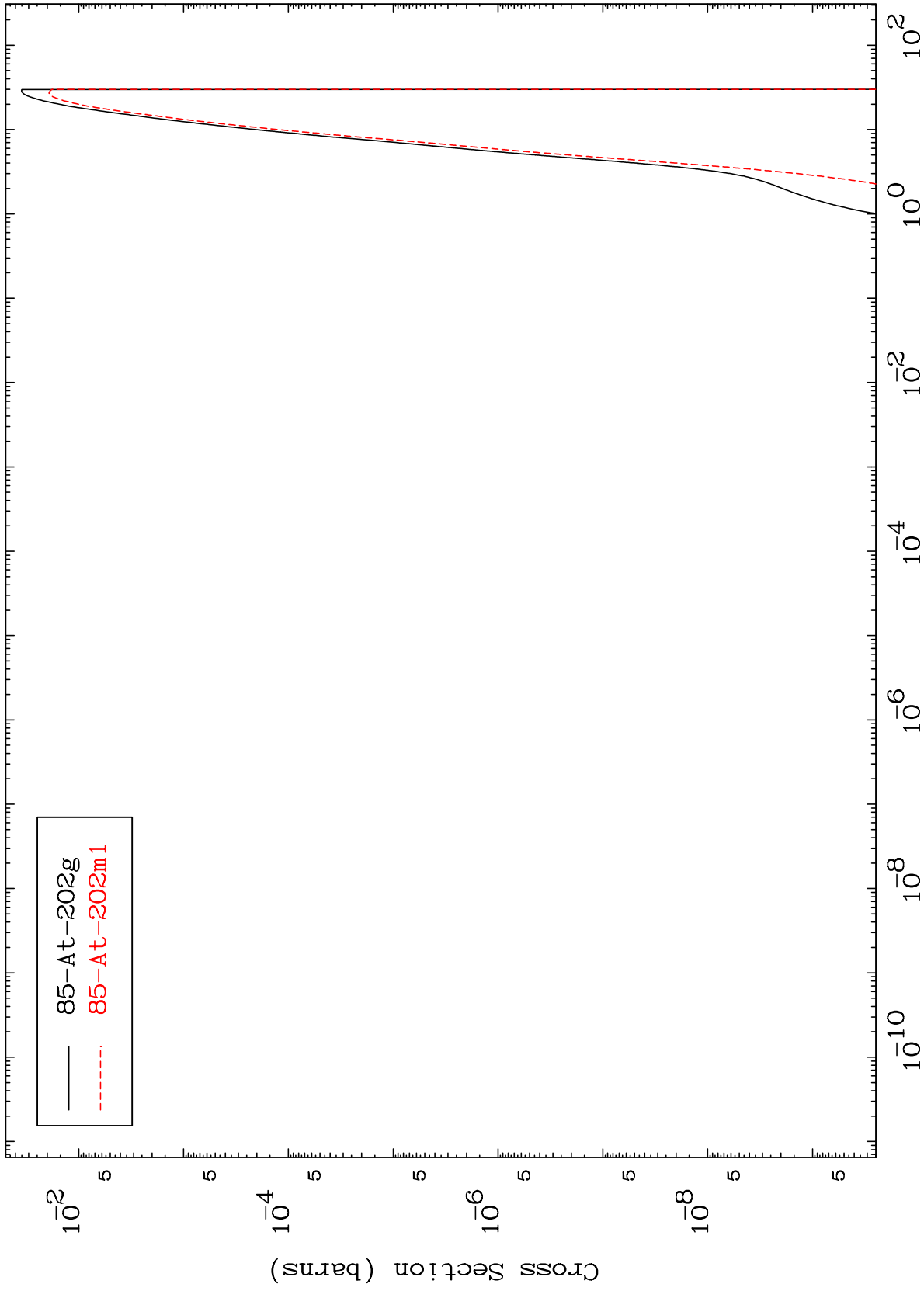
87-Fr-206

MAT 8707

(n,n')  $\alpha$

87-Fr-206

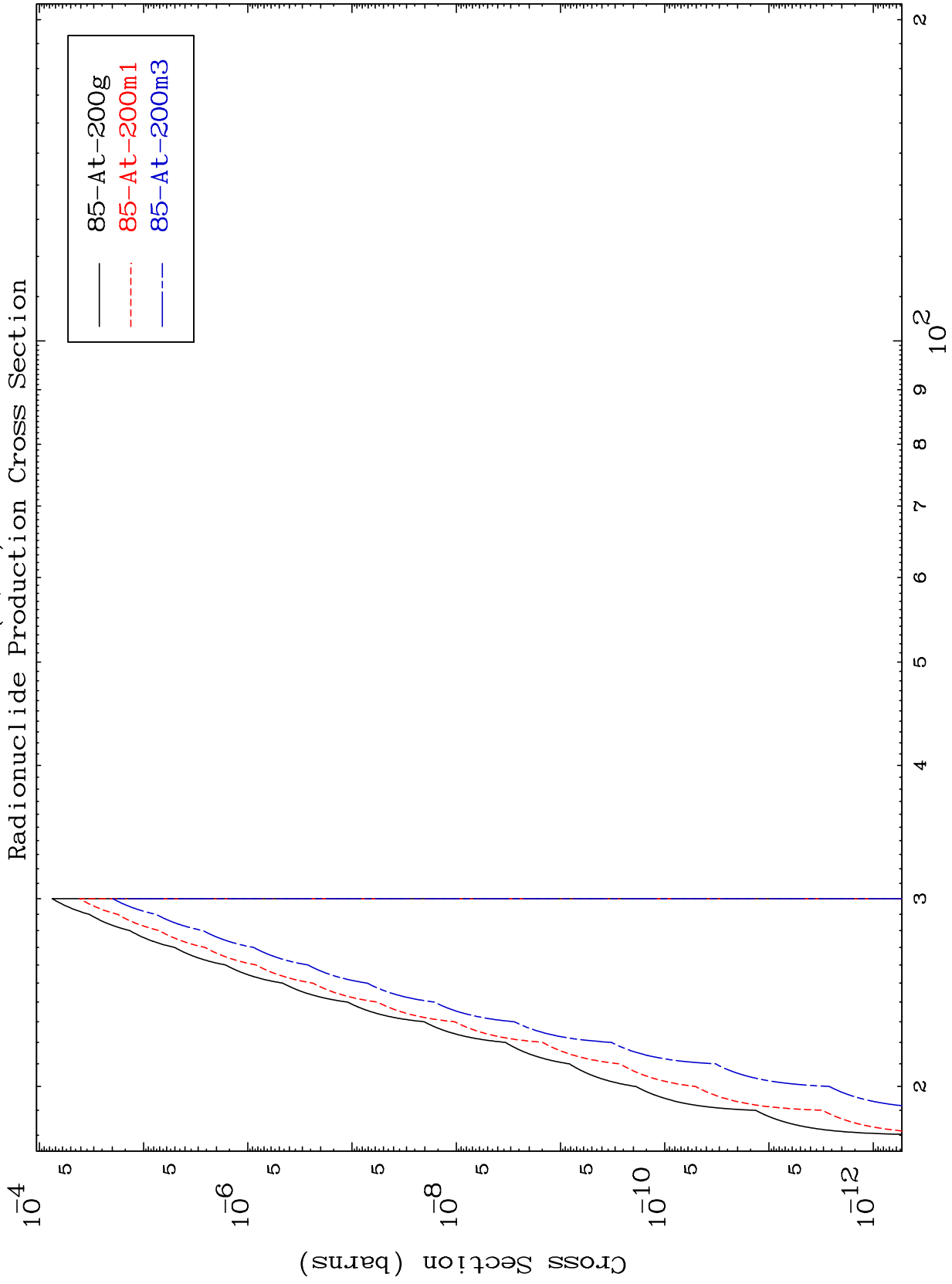
Radionuclide Production Cross Section



MAT 8707

(n,3n)  $\alpha$

87-Fr-206



63

87-Fr-206

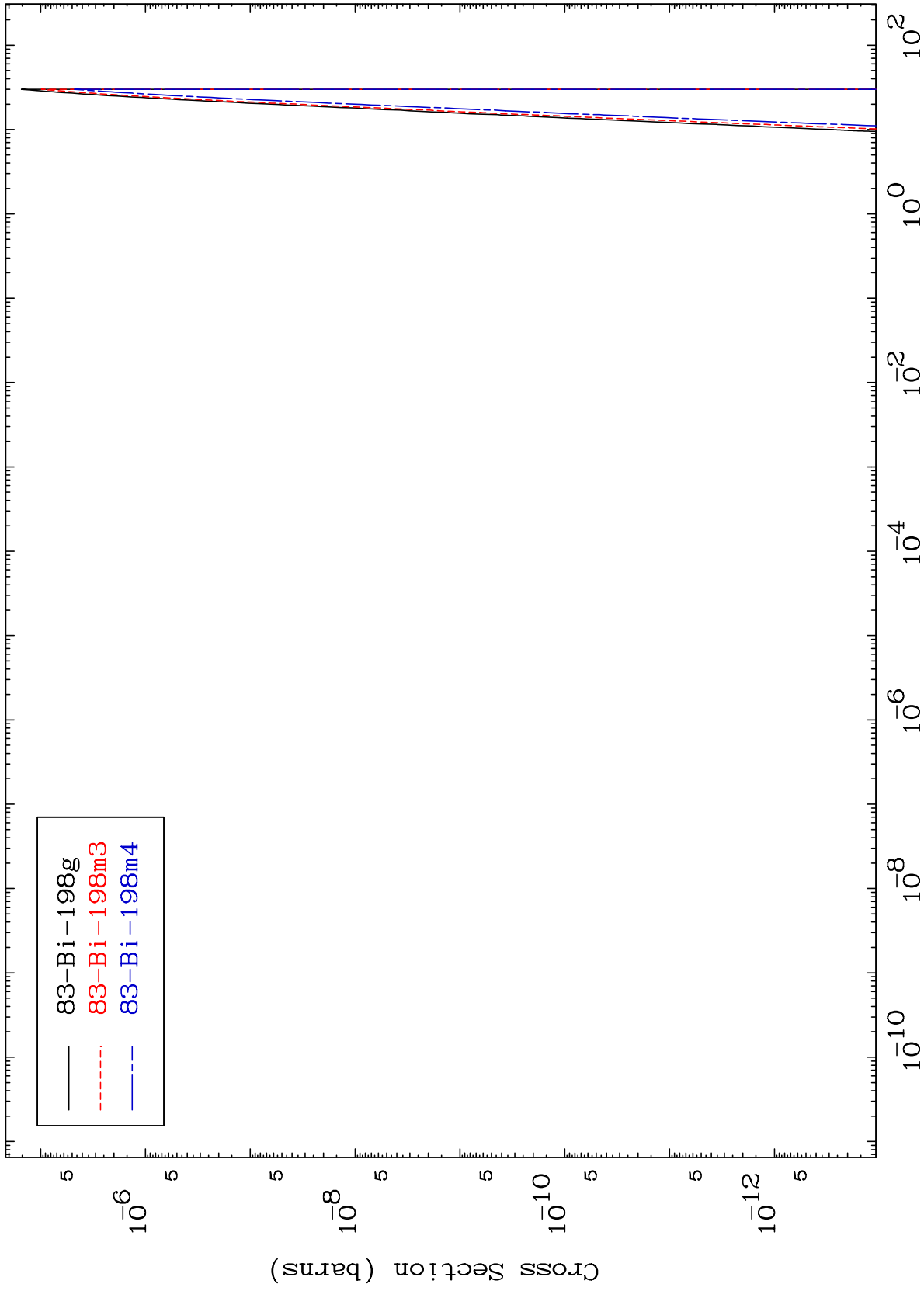


MAT 8707

(n,n') 2 $\alpha$

87-Fr-206

Radionuclide Production Cross Section



64

Incident Energy (MeV)

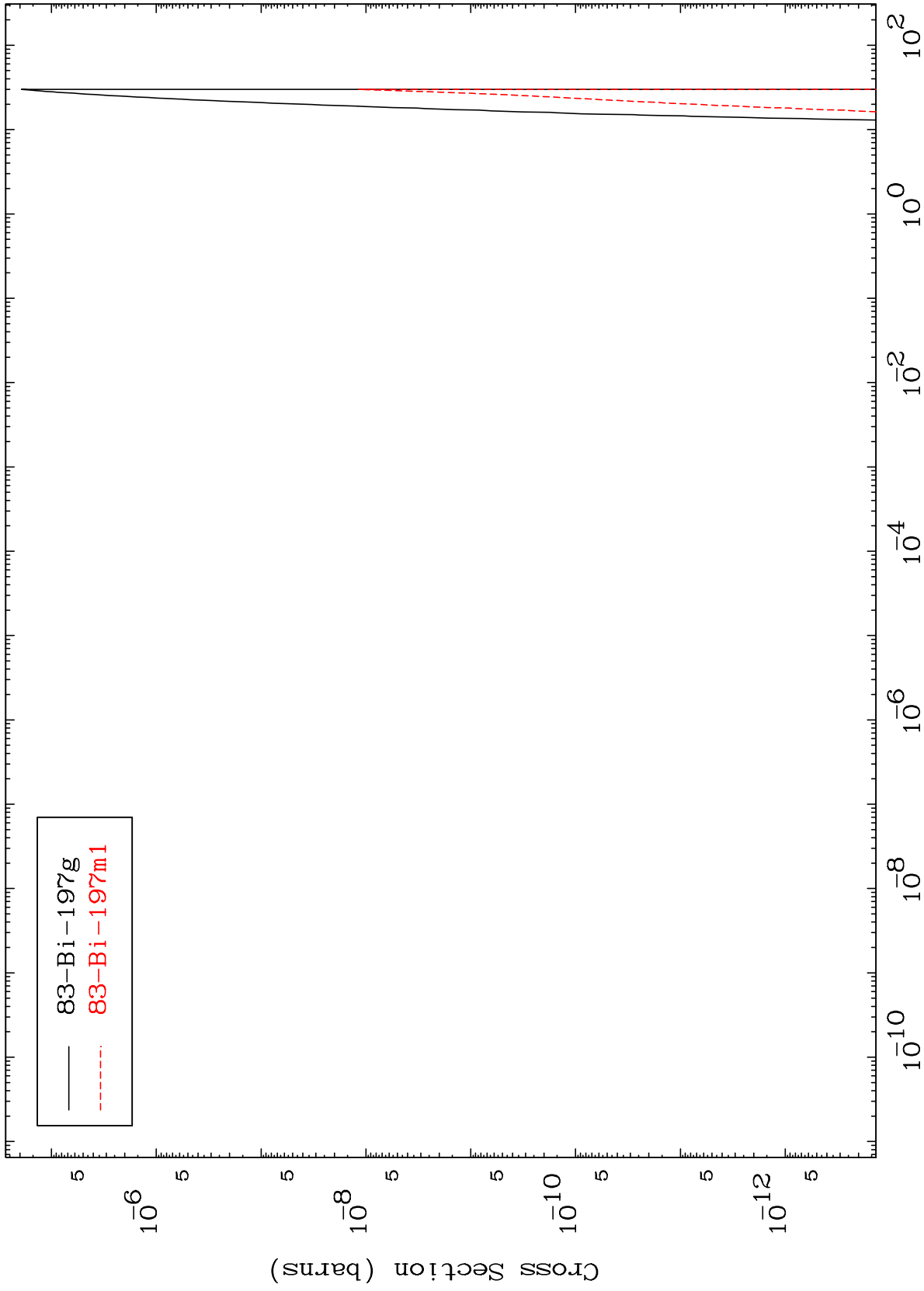
87-Fr-206

MAT 8707

(n,2n) 2 $\alpha$

87-Fr-206

Radionuclide Production Cross Section



65

Incident Energy (MeV)

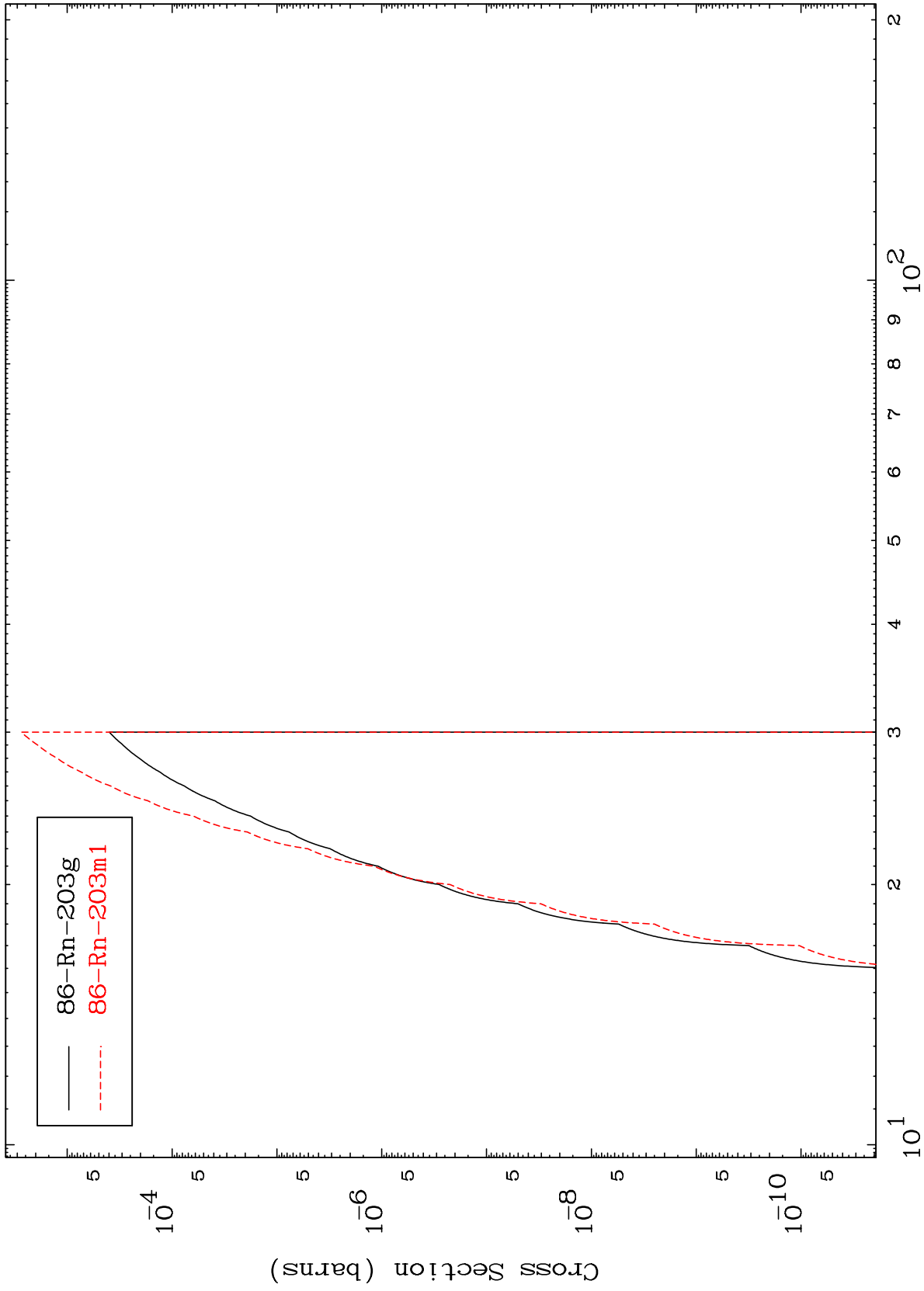
87-Fr-206

MAT 8707

(n,n') t

87-Fr-206

Radionuclide Production Cross Section



66

Incident Energy (MeV)

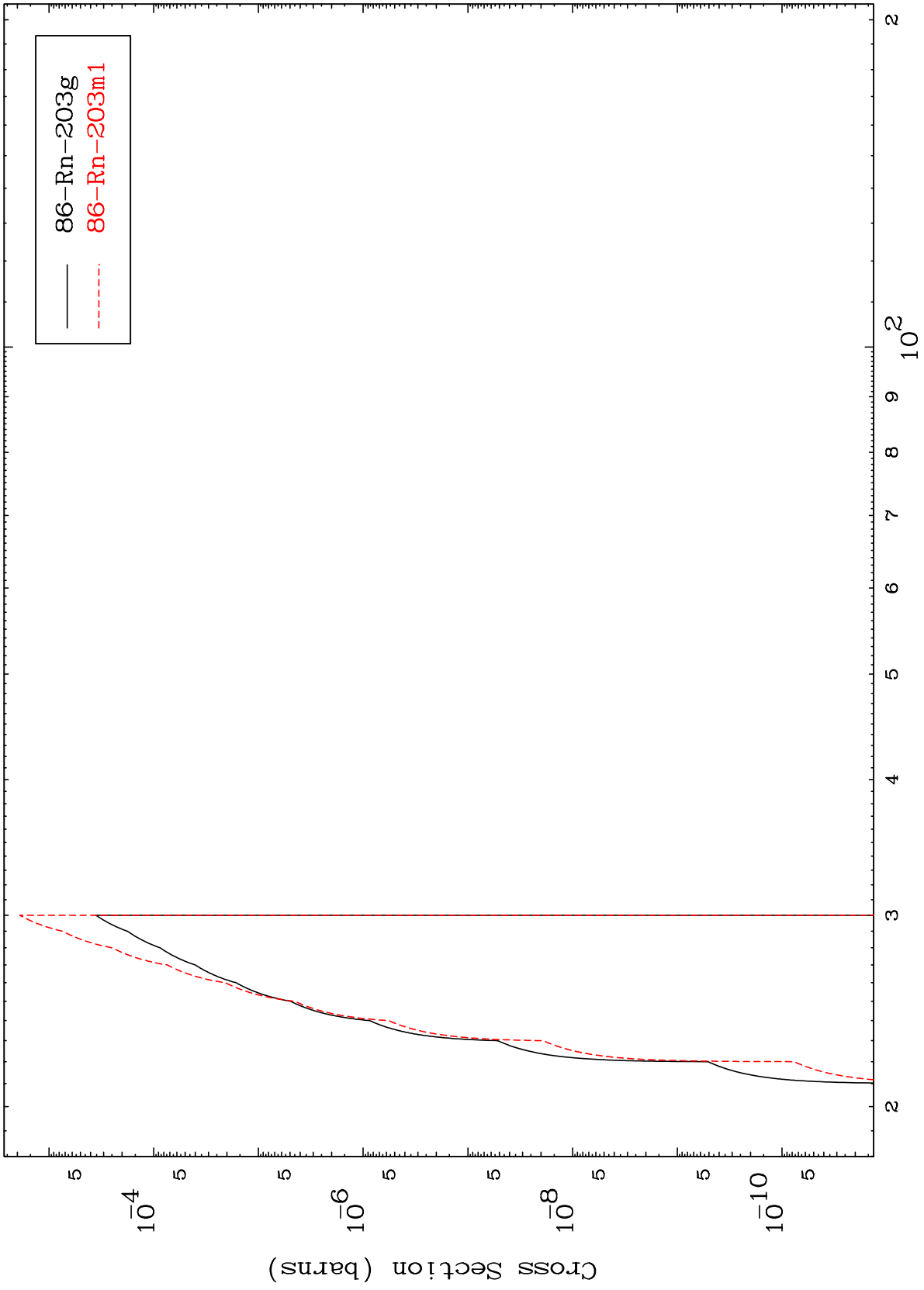
87-Fr-206

MAT 8707

(n,3n) p

87-Fr-206

Radionuclide Production Cross Section



67

Incident Energy (MeV)

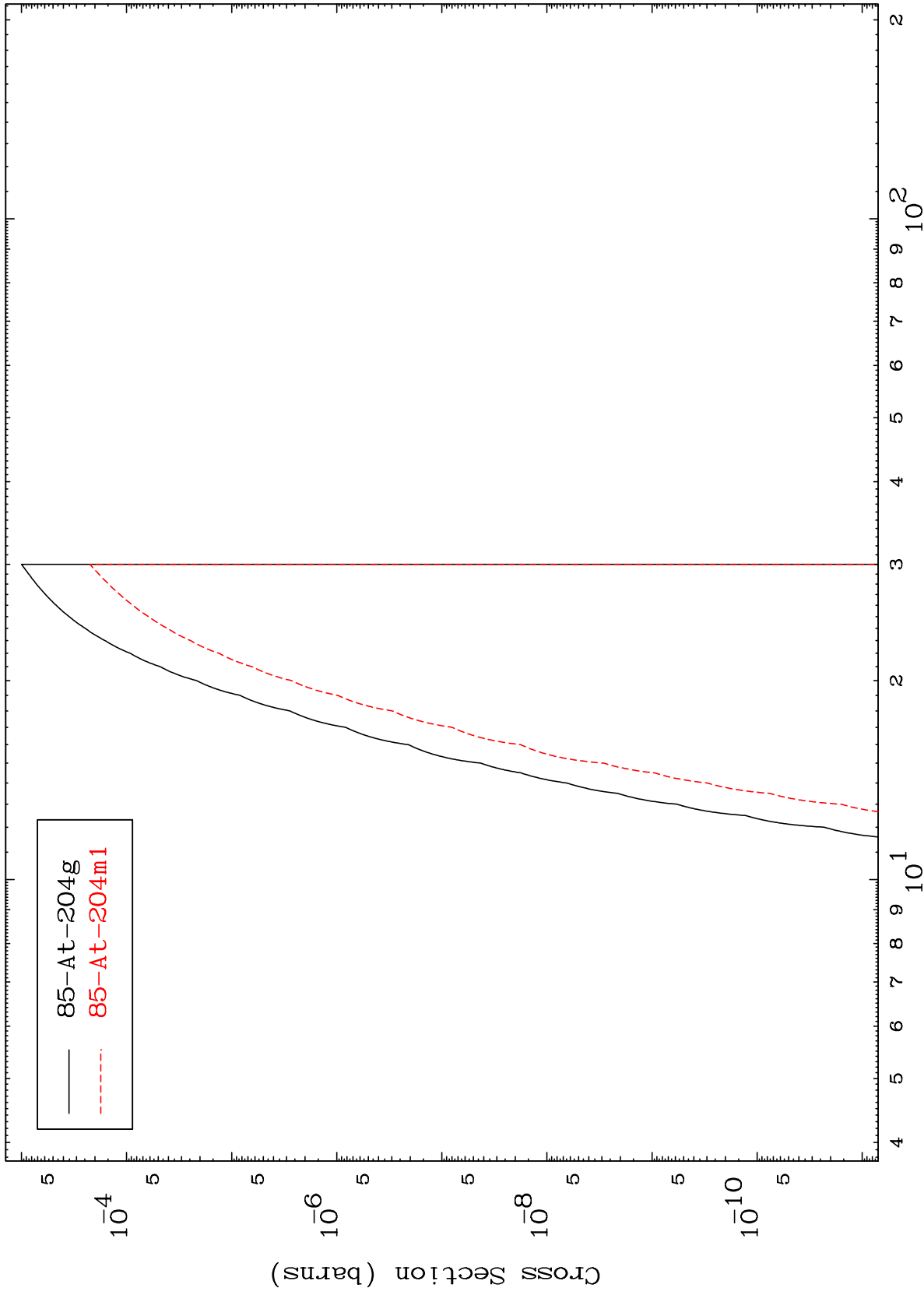
87-Fr-206

MAT 8707

(n,2n) p

87-Fr-206

Radionuclide Production Cross Section



68

Incident Energy (MeV)

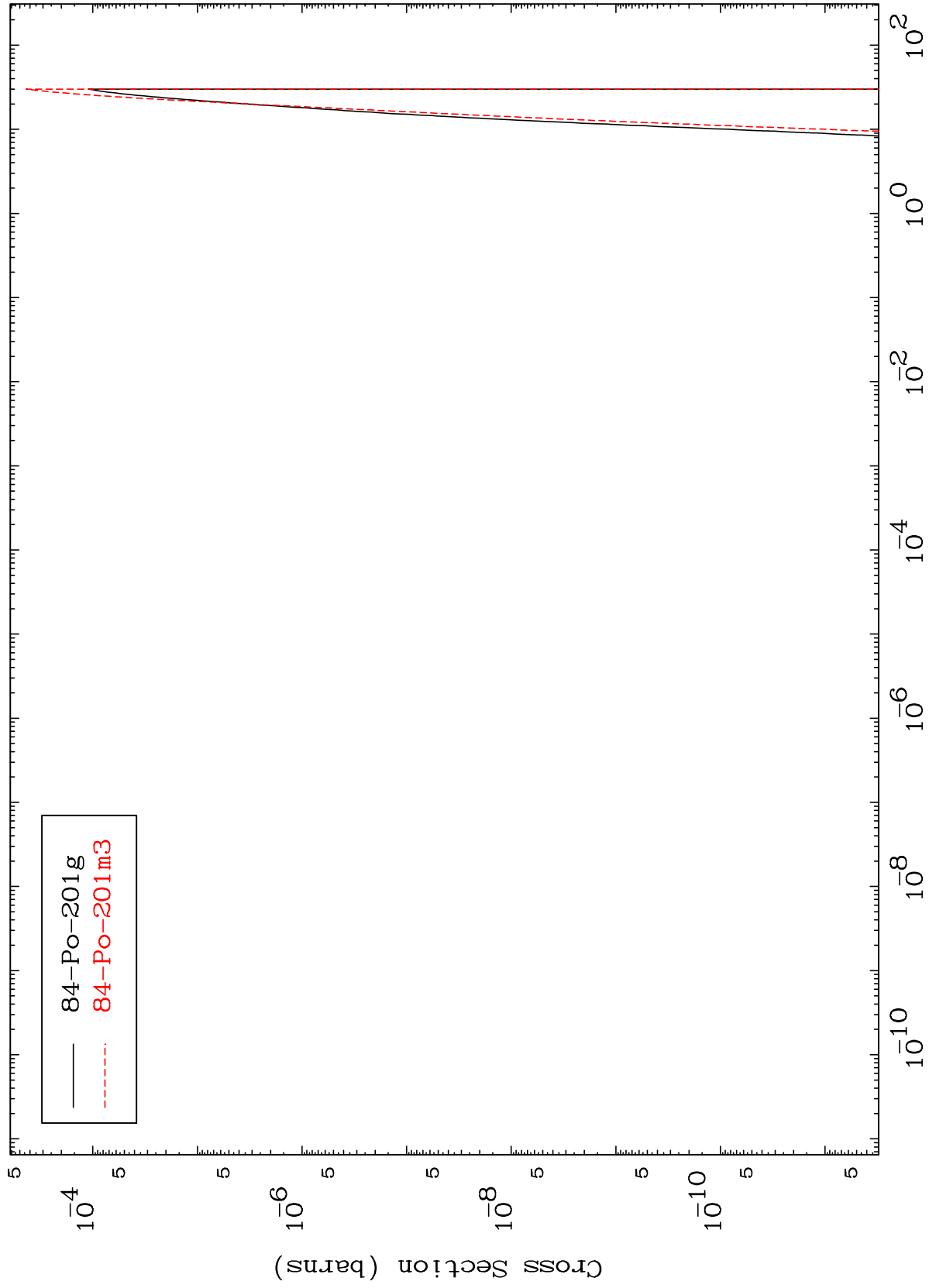
87-Fr-206

MAT 8707

(n,n') p  $\alpha$

87-Fr-206

Radionuclide Production Cross Section



84-Po-201g  
84-Po-201m3

69

Incident Energy (MeV)

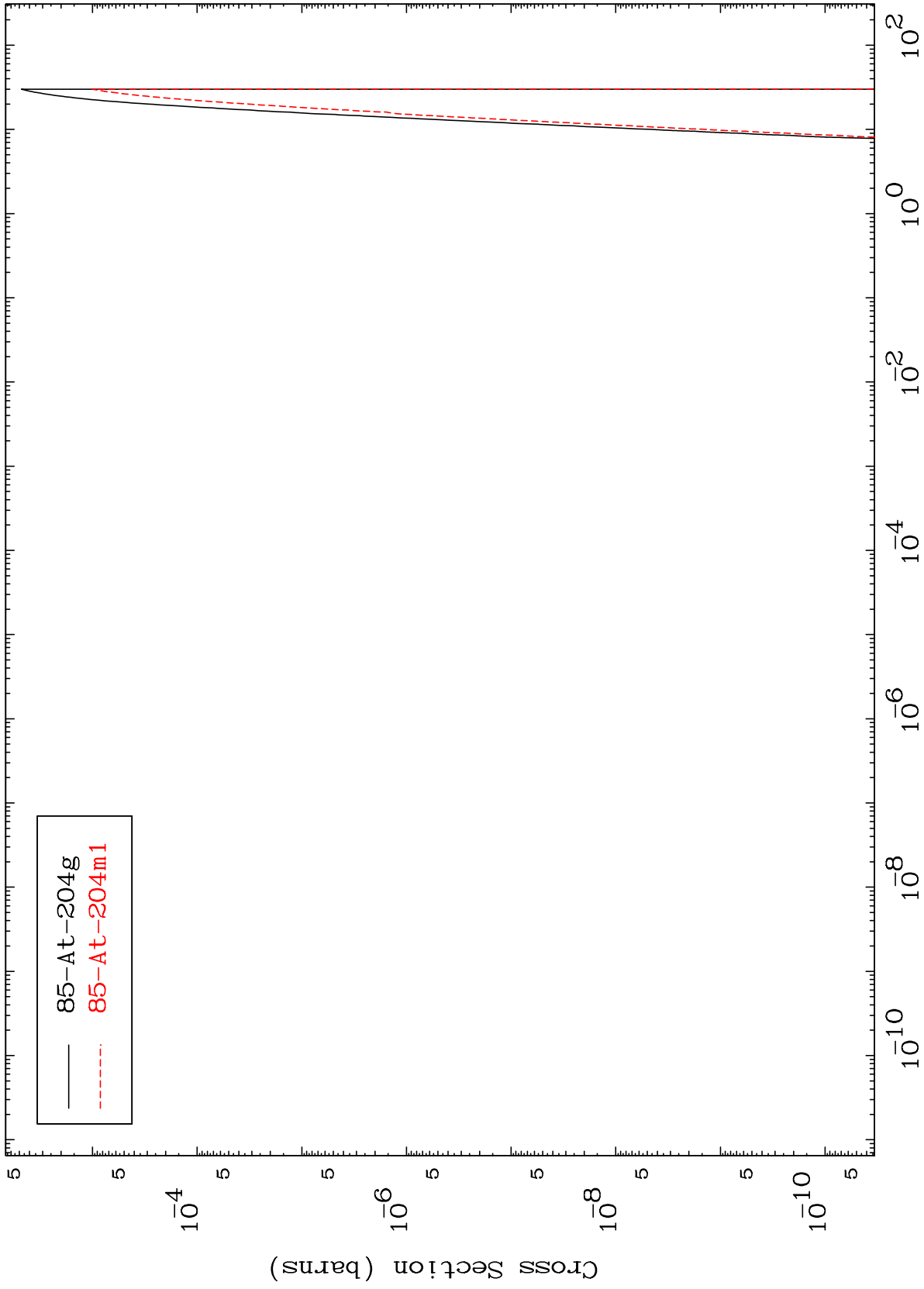
87-Fr-206

MAT 8707

(n, He-3)

87-Fr-206

Radionuclide Production Cross Section



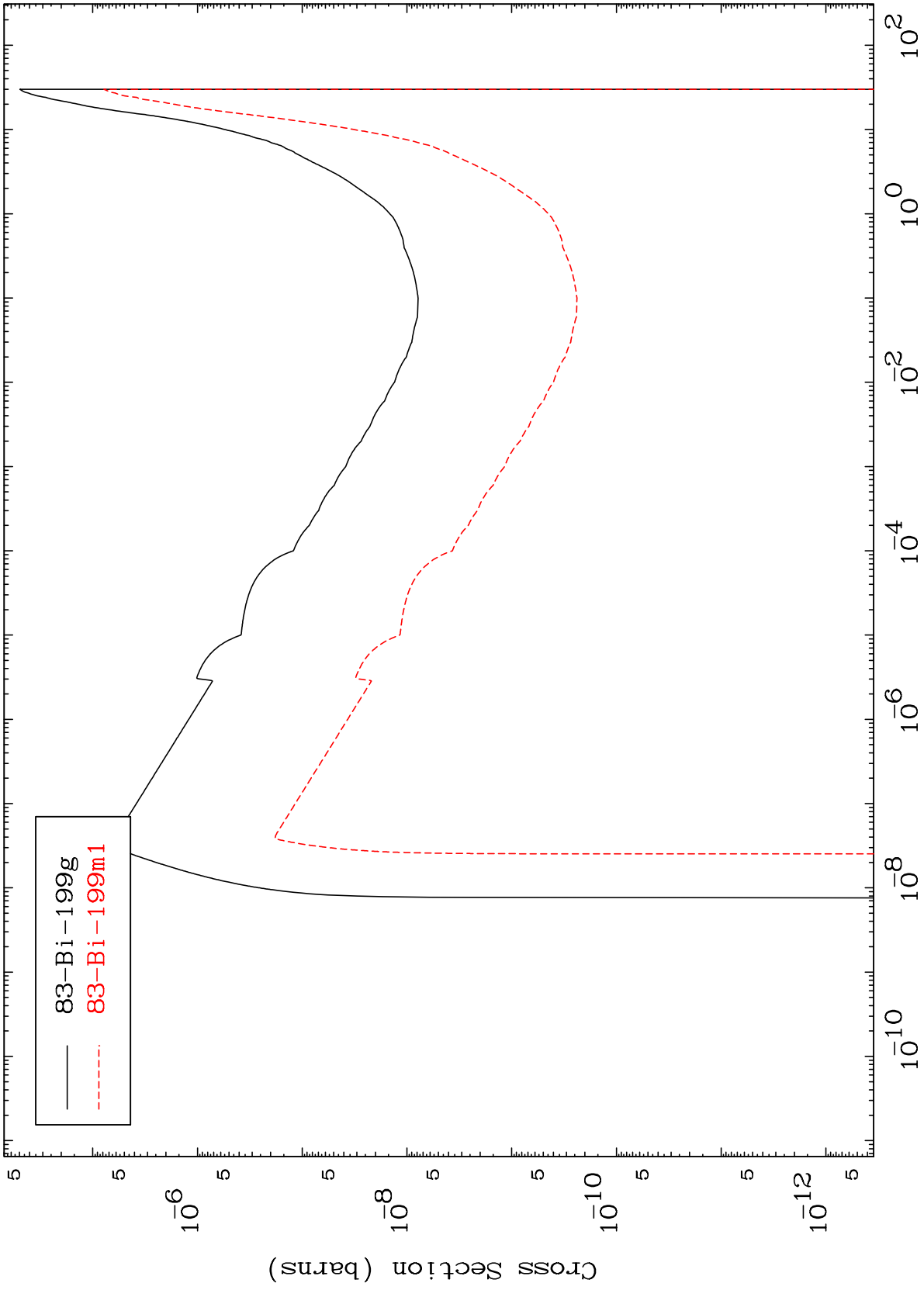
70

87-Fr-206

MAT 8707

87-Fr-206

(n,2α)  
Radionuclide Production Cross Section



71

87-Fr-206

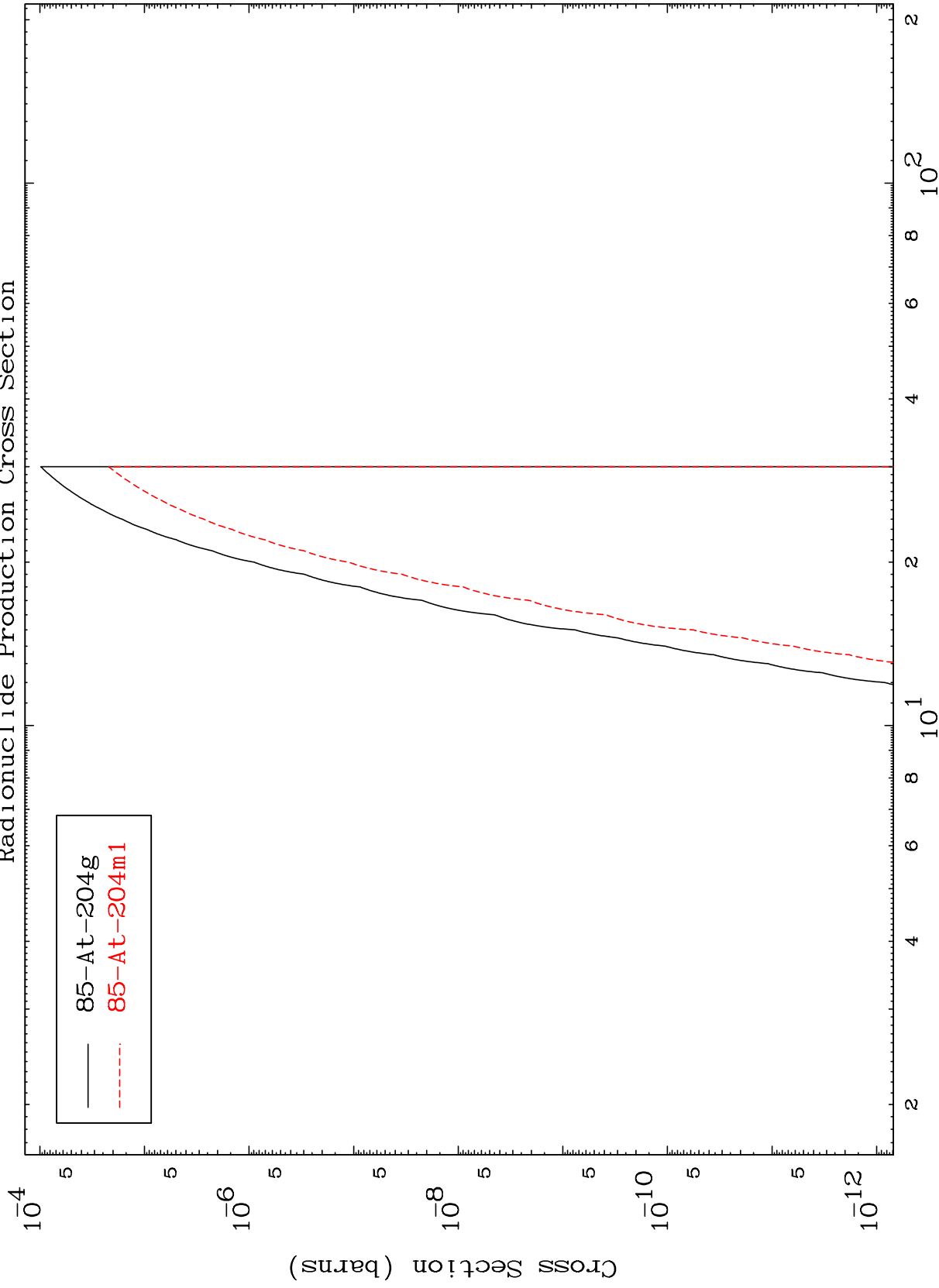


MAT 8707

(n,p) d

87-Fr-206

Radionuclide Production Cross Section



72

Incident Energy (MeV)

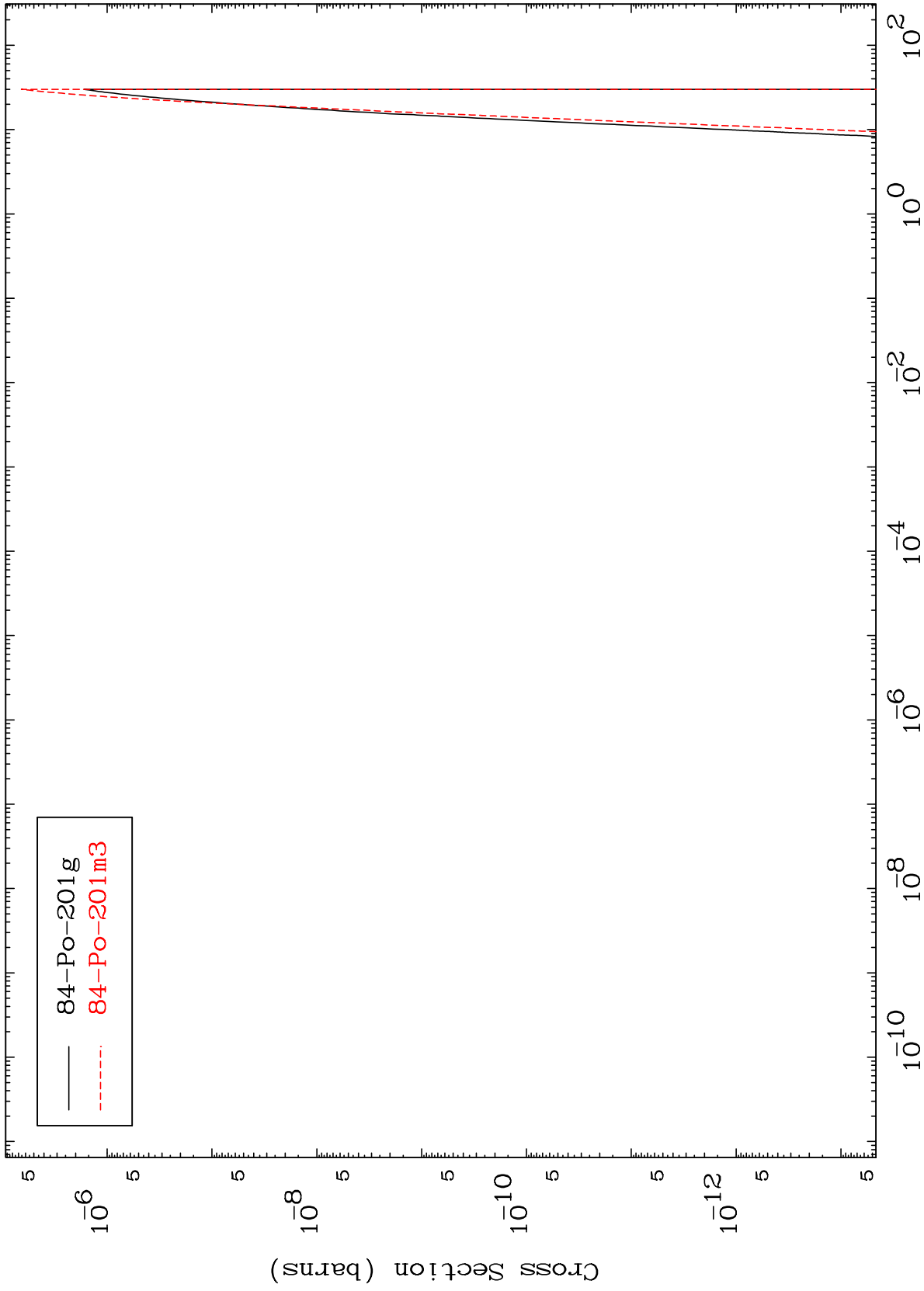
87-Fr-206

MAT 8707

(n,d)  $\alpha$

87-Fr-206

Radionuclide Production Cross Section



73

Incident Energy (MeV)

87-Fr-206