

Program EVALPLOT  
(Version 2018-1)

by

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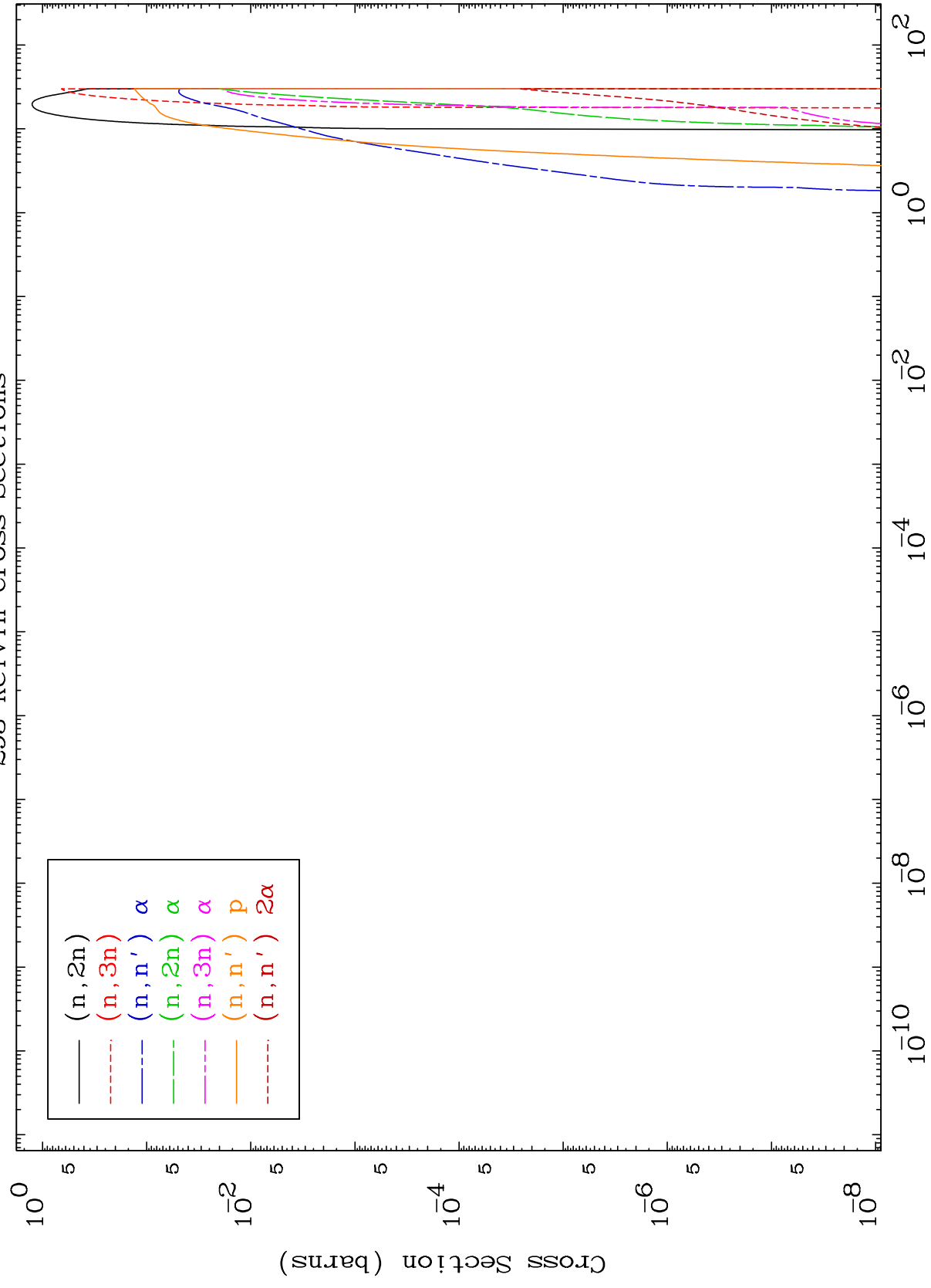
Press Mouse Button to Start



MAT 8710

Neutron Production  
293 Kelvin Cross Sections

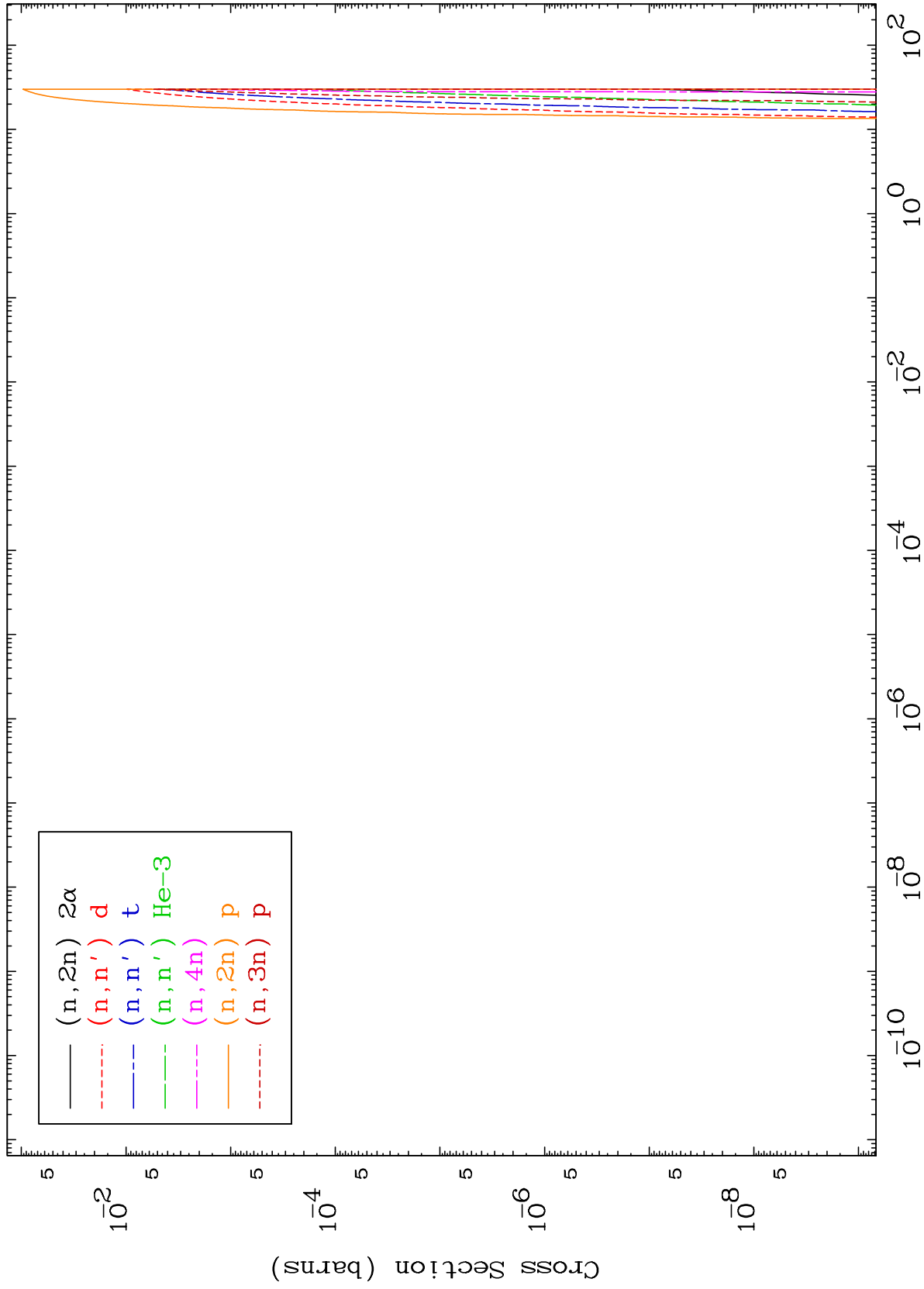
87-Fr-207



MAT 8710

Neutron Production  
293 Kelvin Cross Sections

87-Fr-207

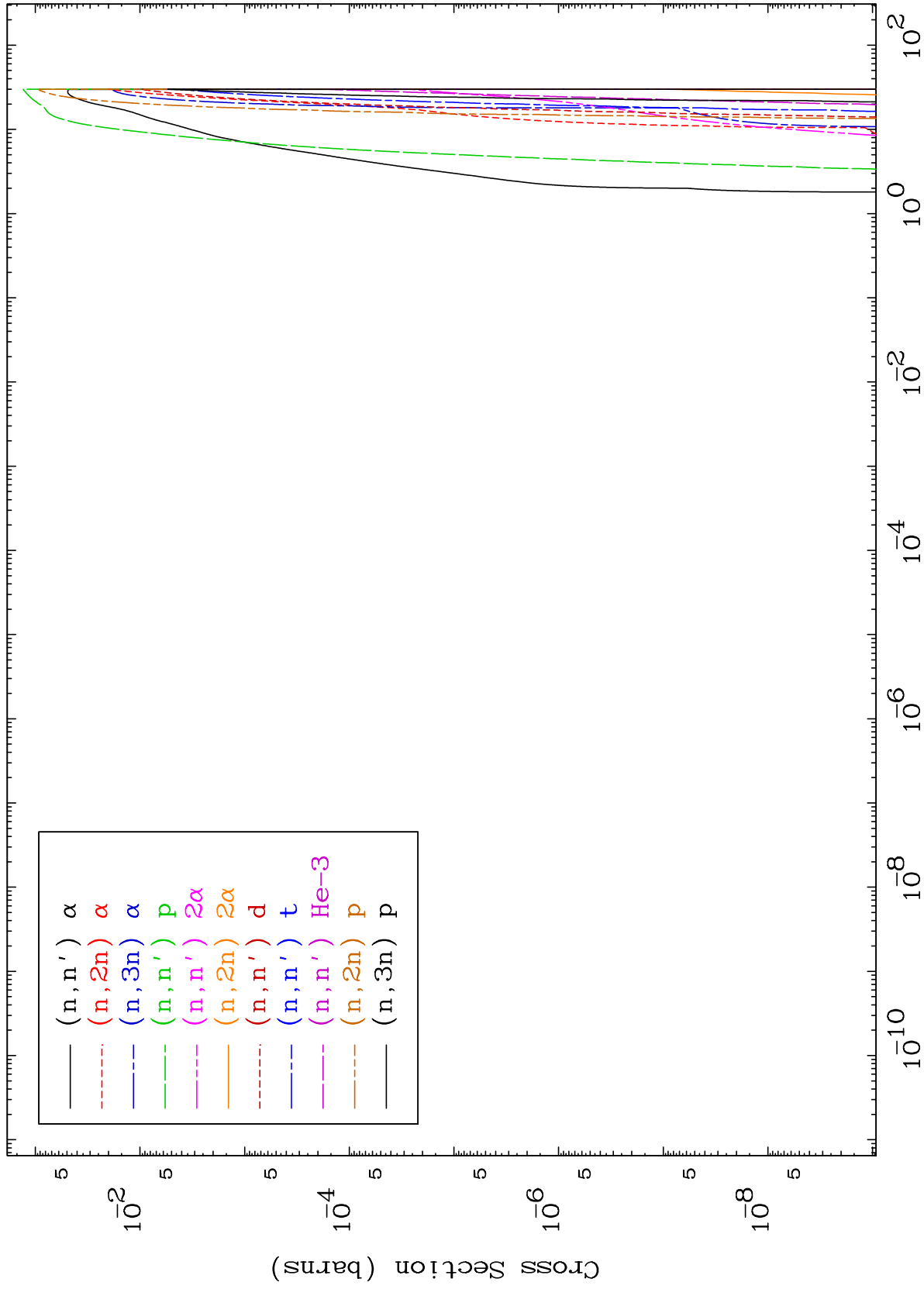


87-Fr-207

MAT 8710

293 Charged Particle  
Kelvin Cross Sections

87-Fr-207

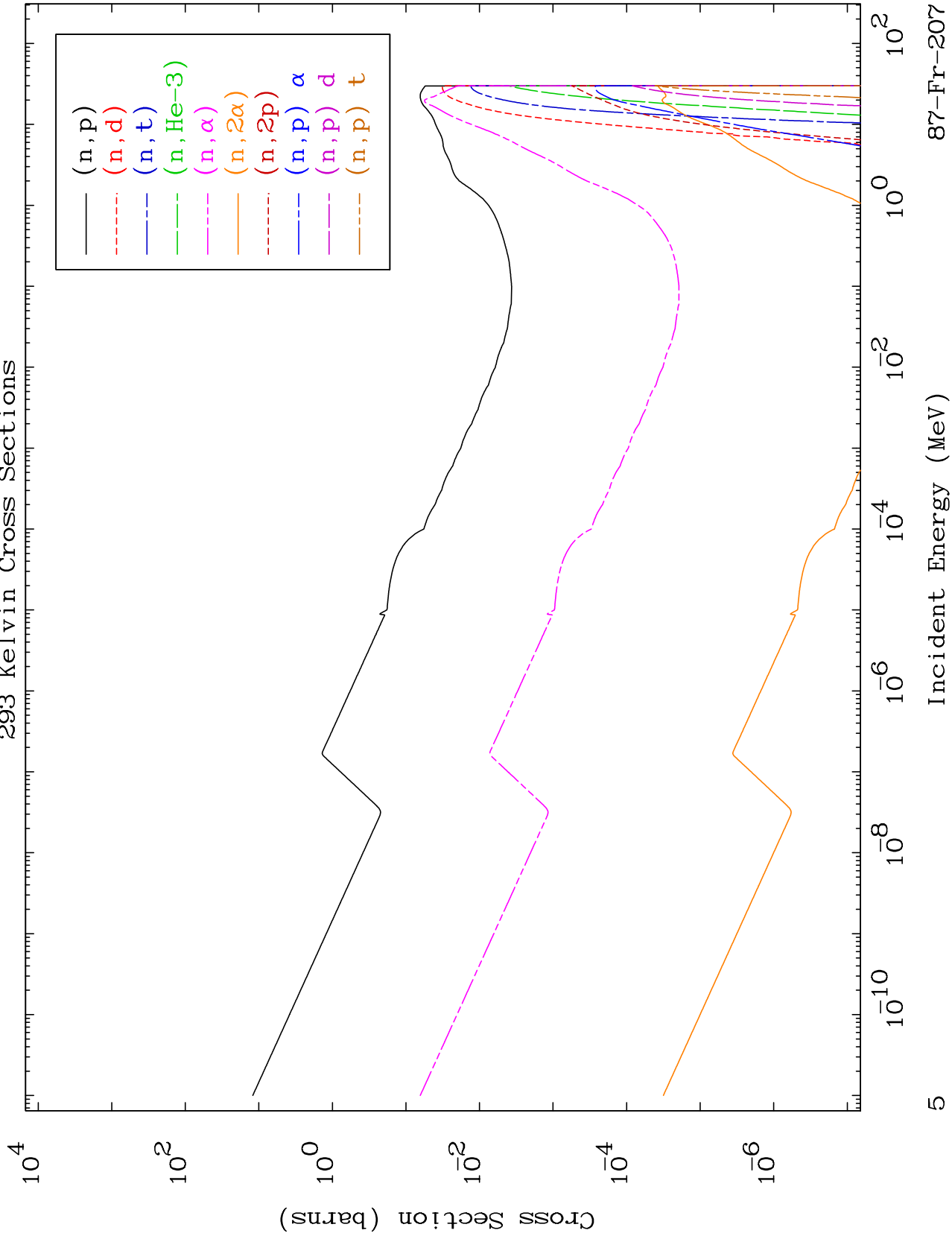


87-Fr-207

MAT 8710

293 Kelvin Cross Sections

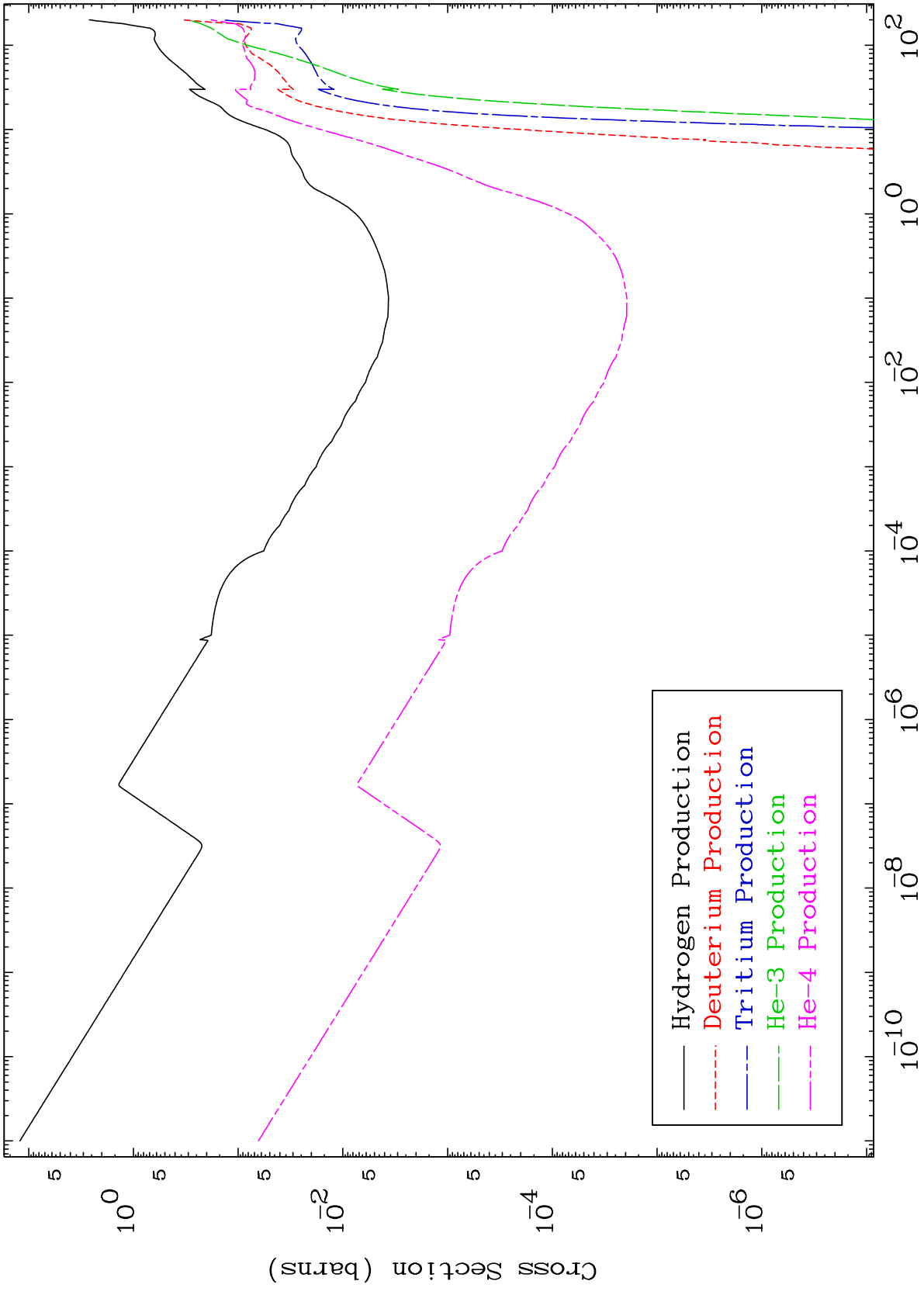
87-Fr-207



MAT 8710

Particle Production  
293 Kelvin Cross Sections

87-Fr-207

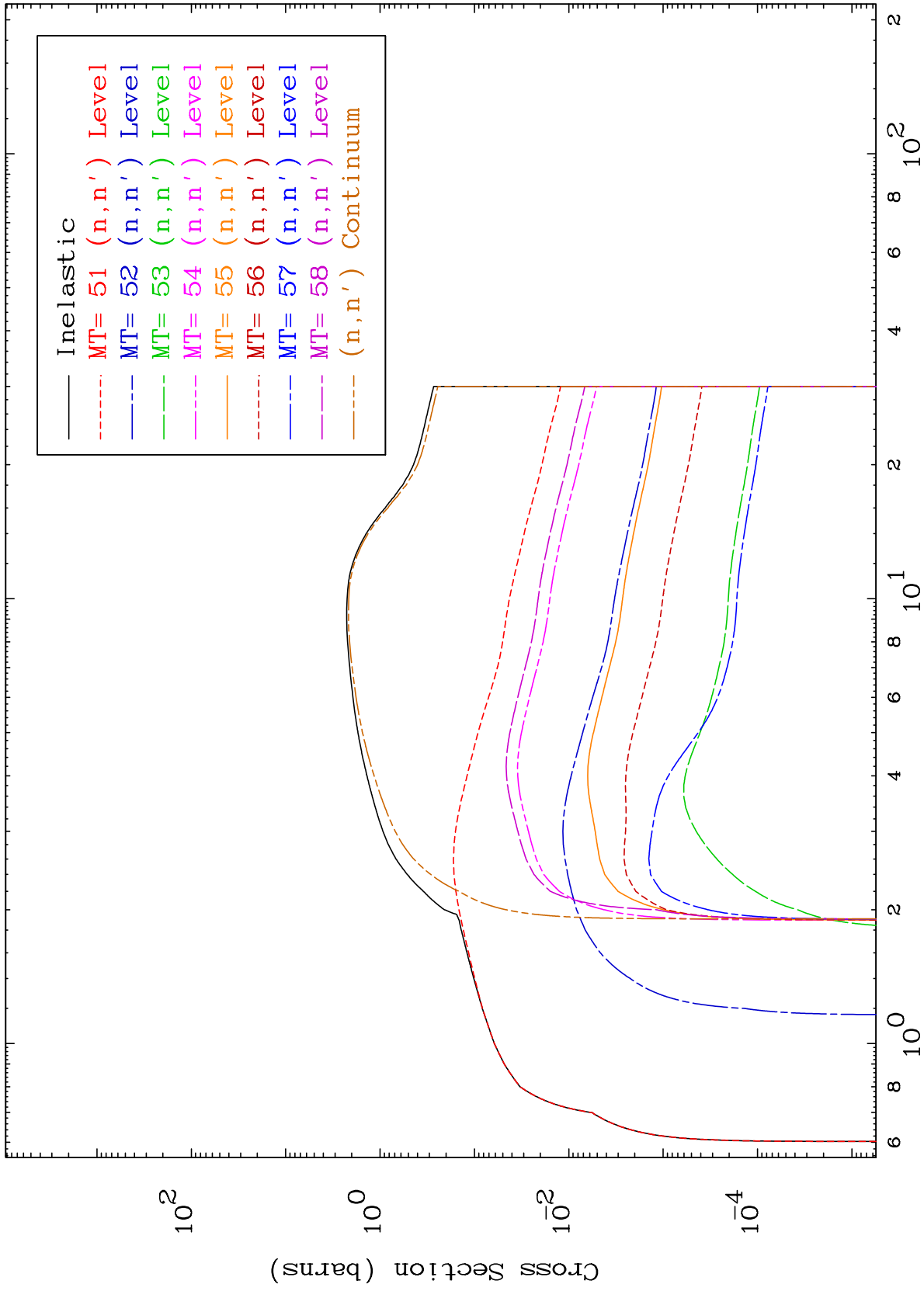


87-Fr-207

MAT 8710

(n,n') Level  
293 Kelvin Cross Sections

87-Fr-207



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Incident Energy (MeV)

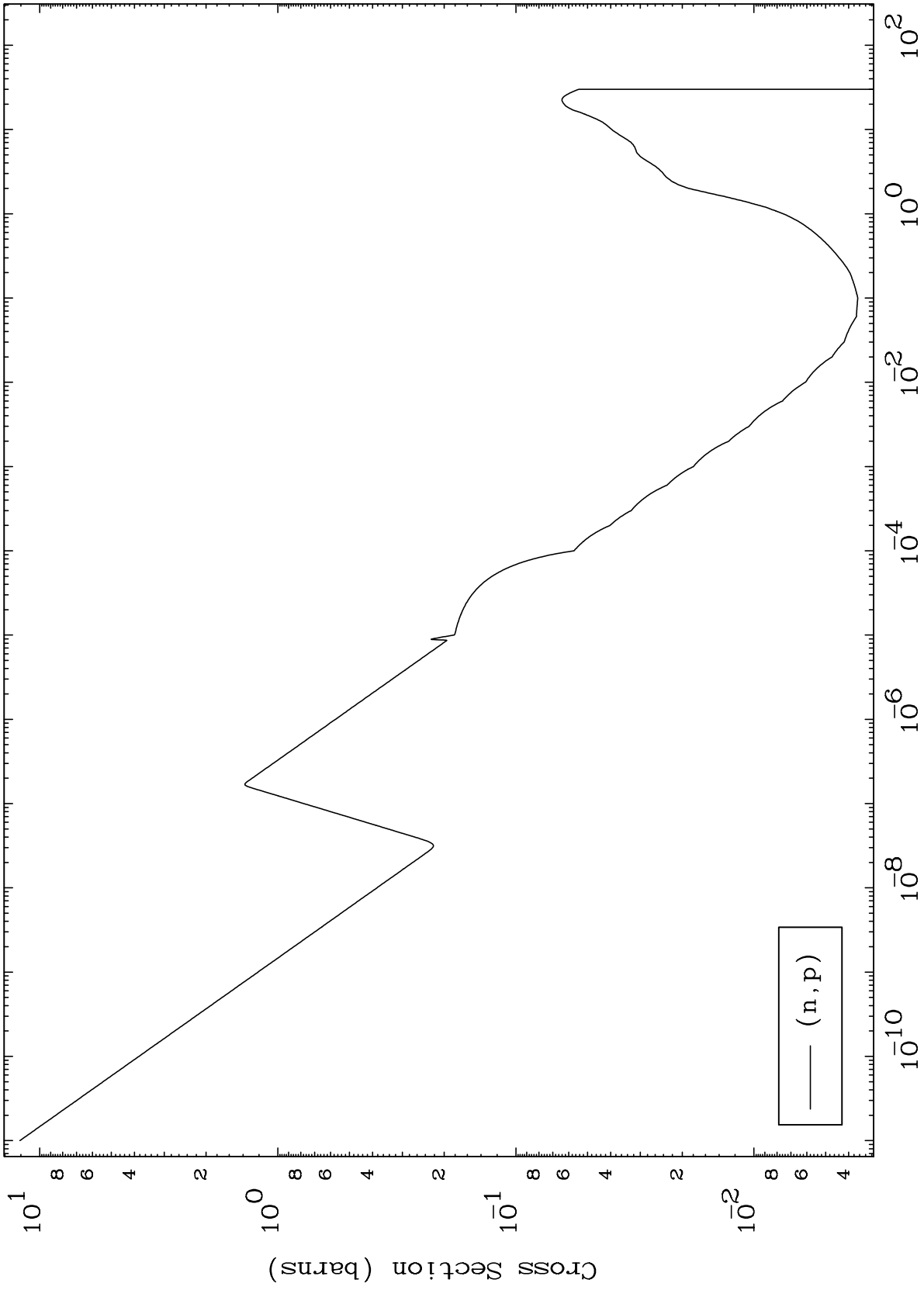
87-Fr-207



MAT 8710

(n,p) Levels  
293 Kelvin Cross Sections

87-Fr-207



8

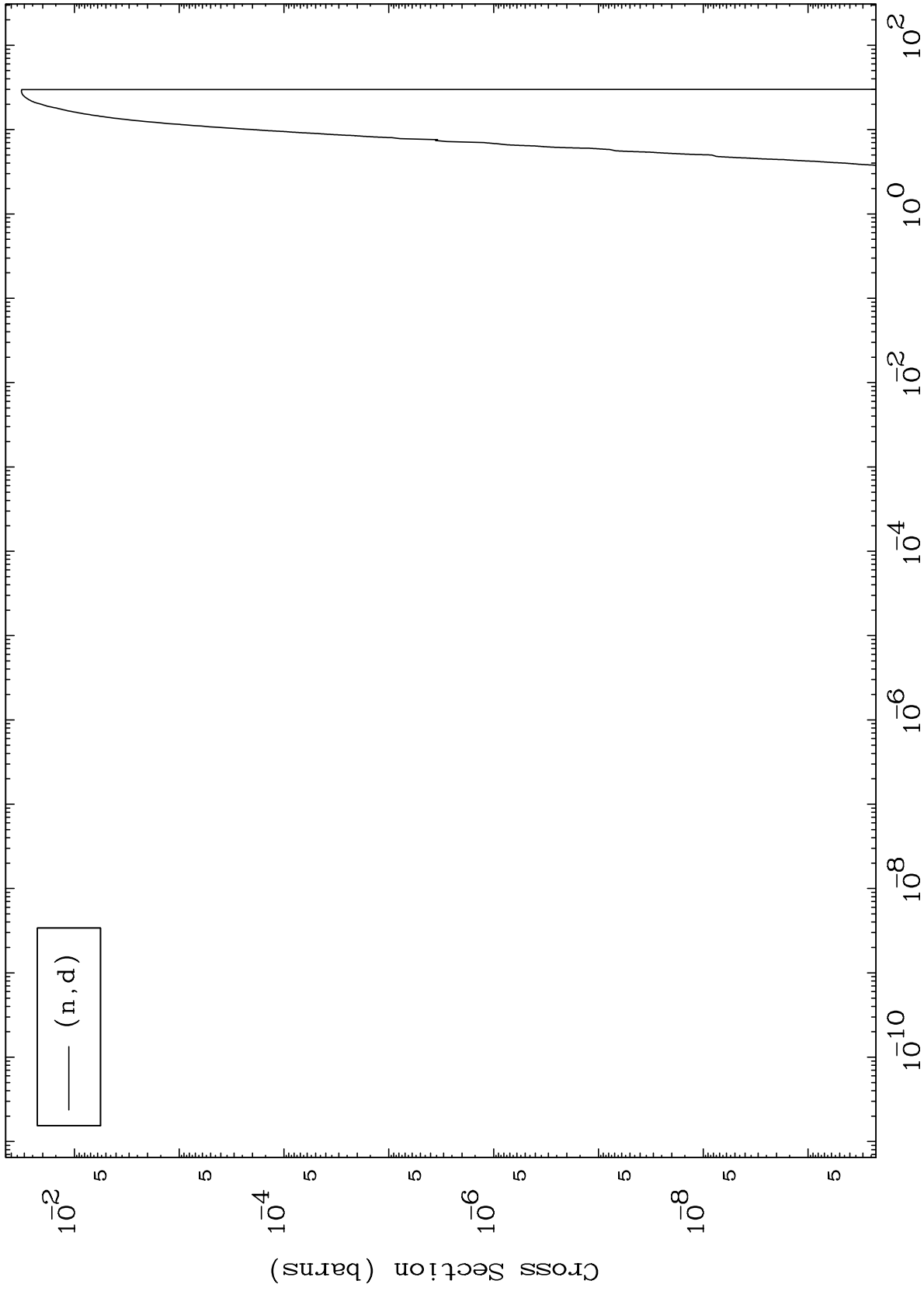
Incident Energy (MeV)

87-Fr-207

MAT 8710

(n,d) Levels  
293 Kelvin Cross Sections

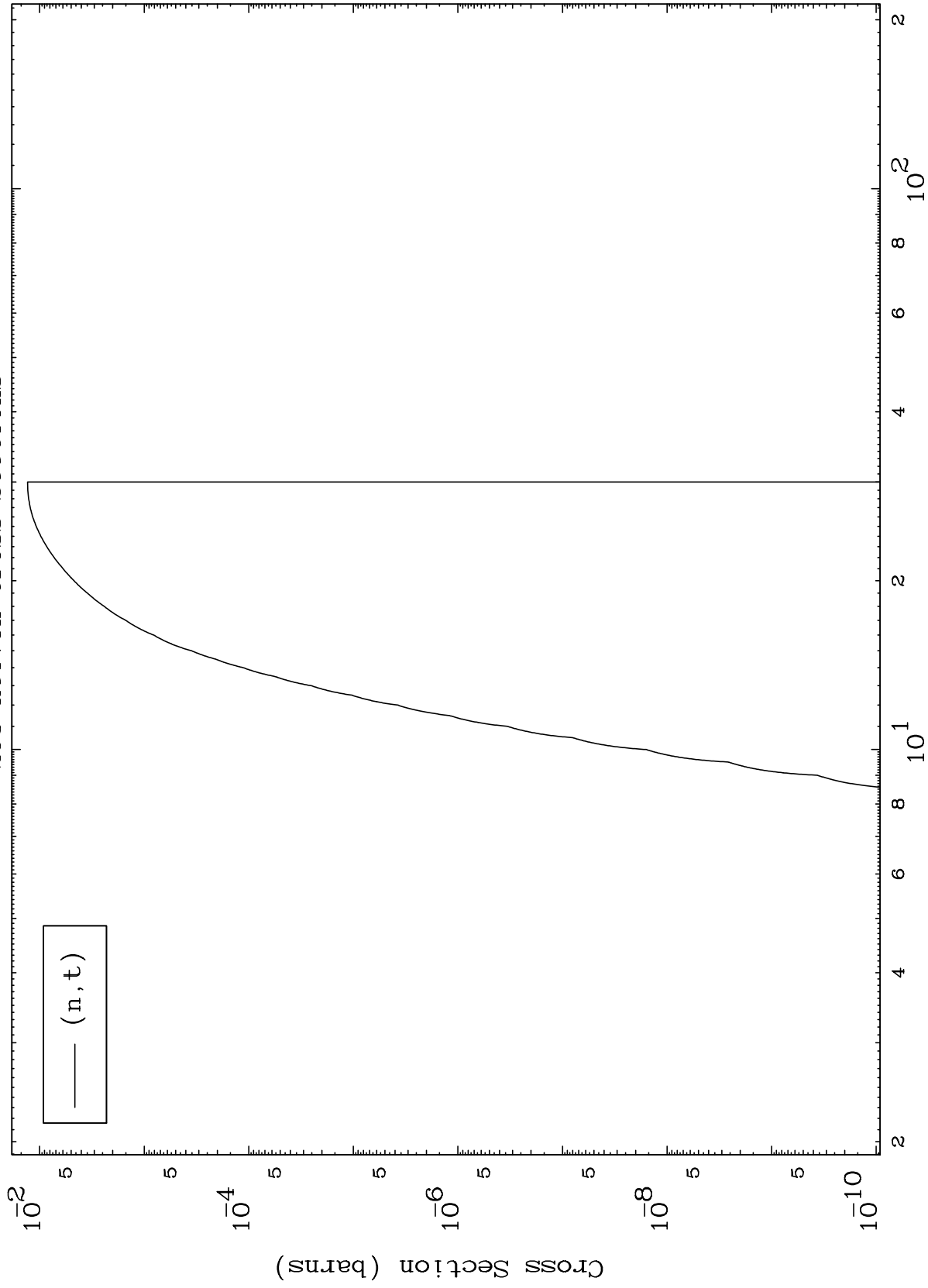
87-Fr-207



MAT 8710

(n,t) Levels  
293 Kelvin Cross Sections

87-Fr-207



10

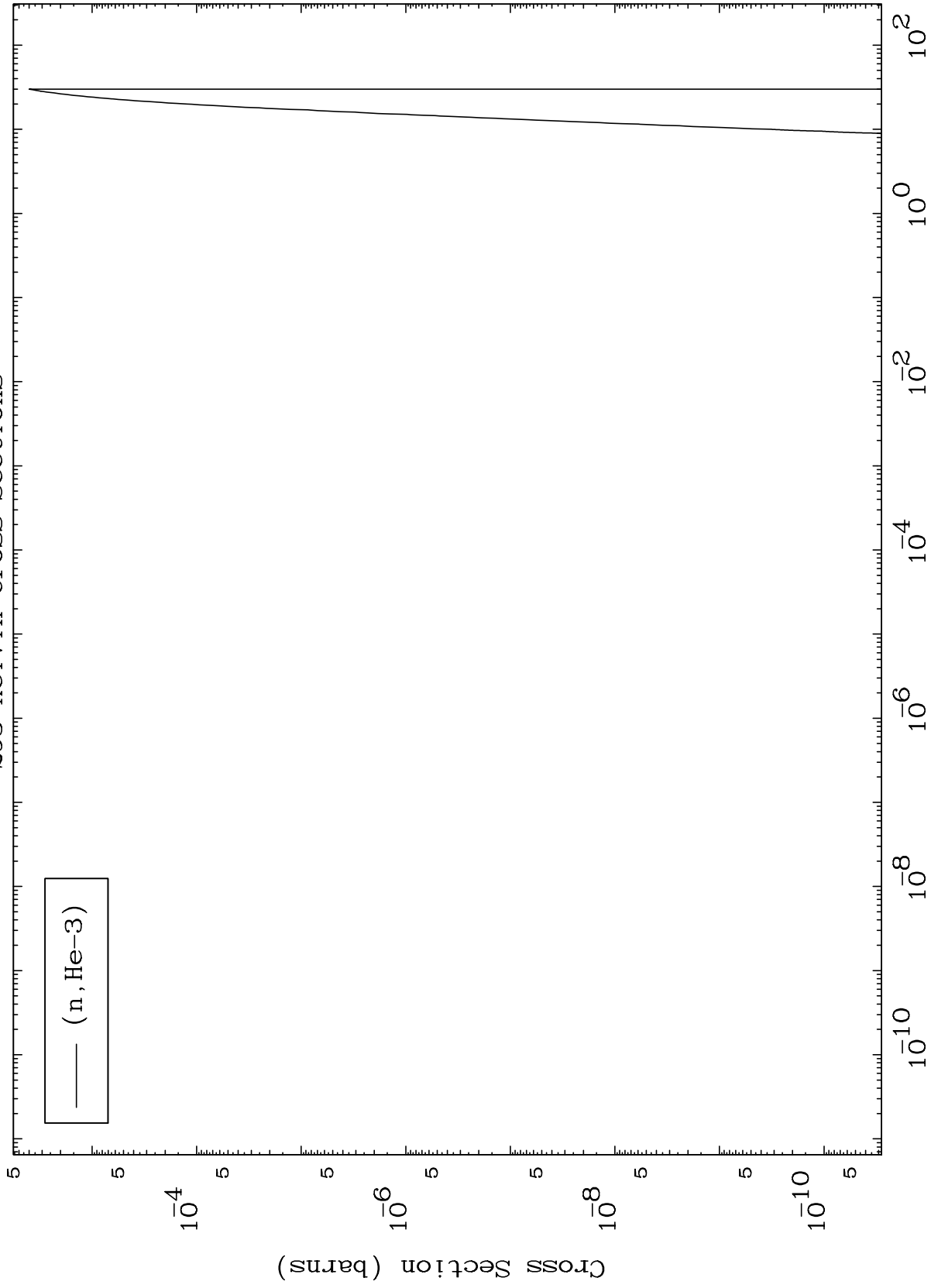
Incident Energy (MeV)

87-Fr-207

MAT 8710

(n,He3) Levels  
293 Kelvin Cross Sections

87-Fr-207



11

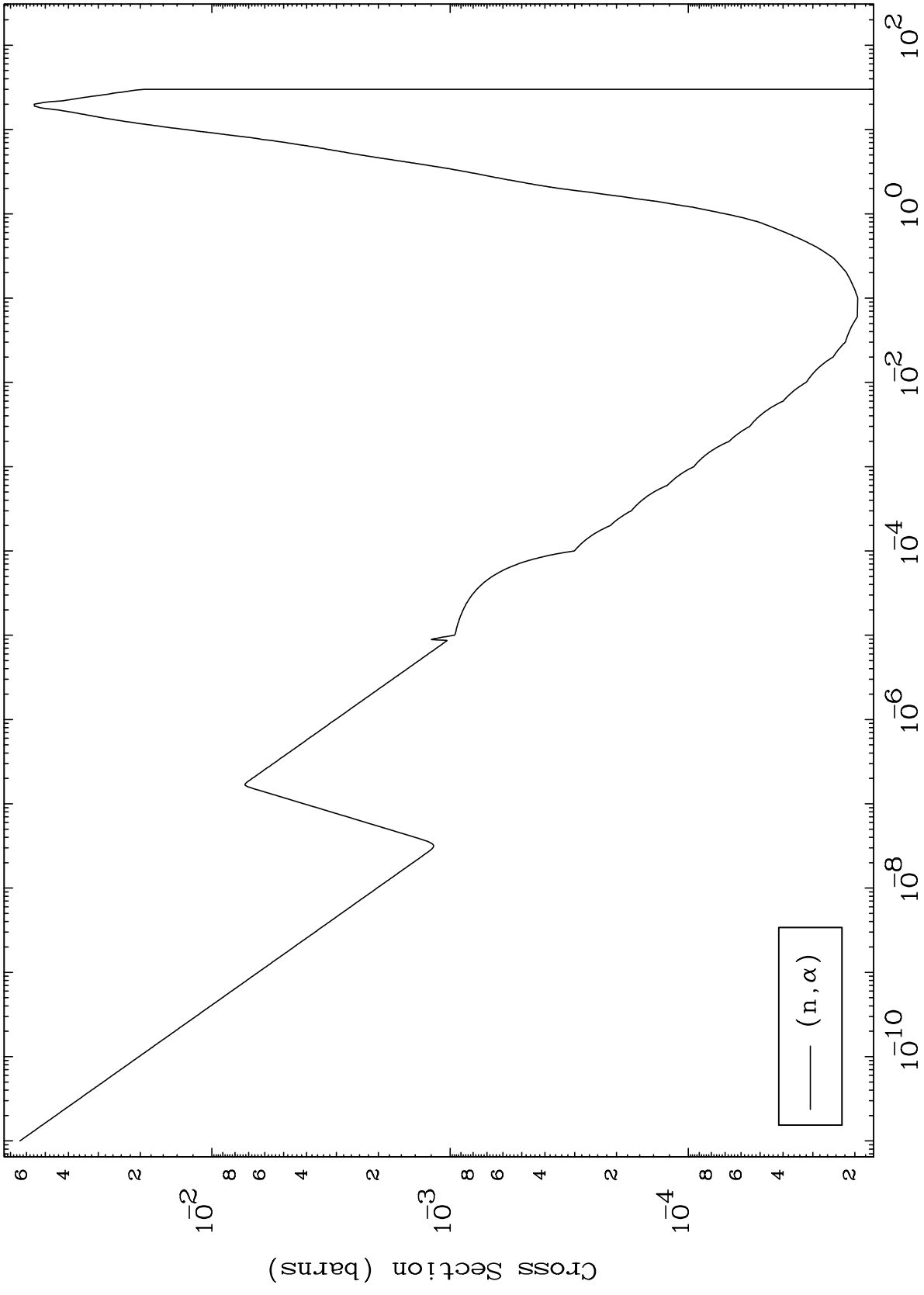
Incident Energy (MeV)

87-Fr-207

MAT 8710

(n,α) Levels  
293 Kelvin Cross Sections

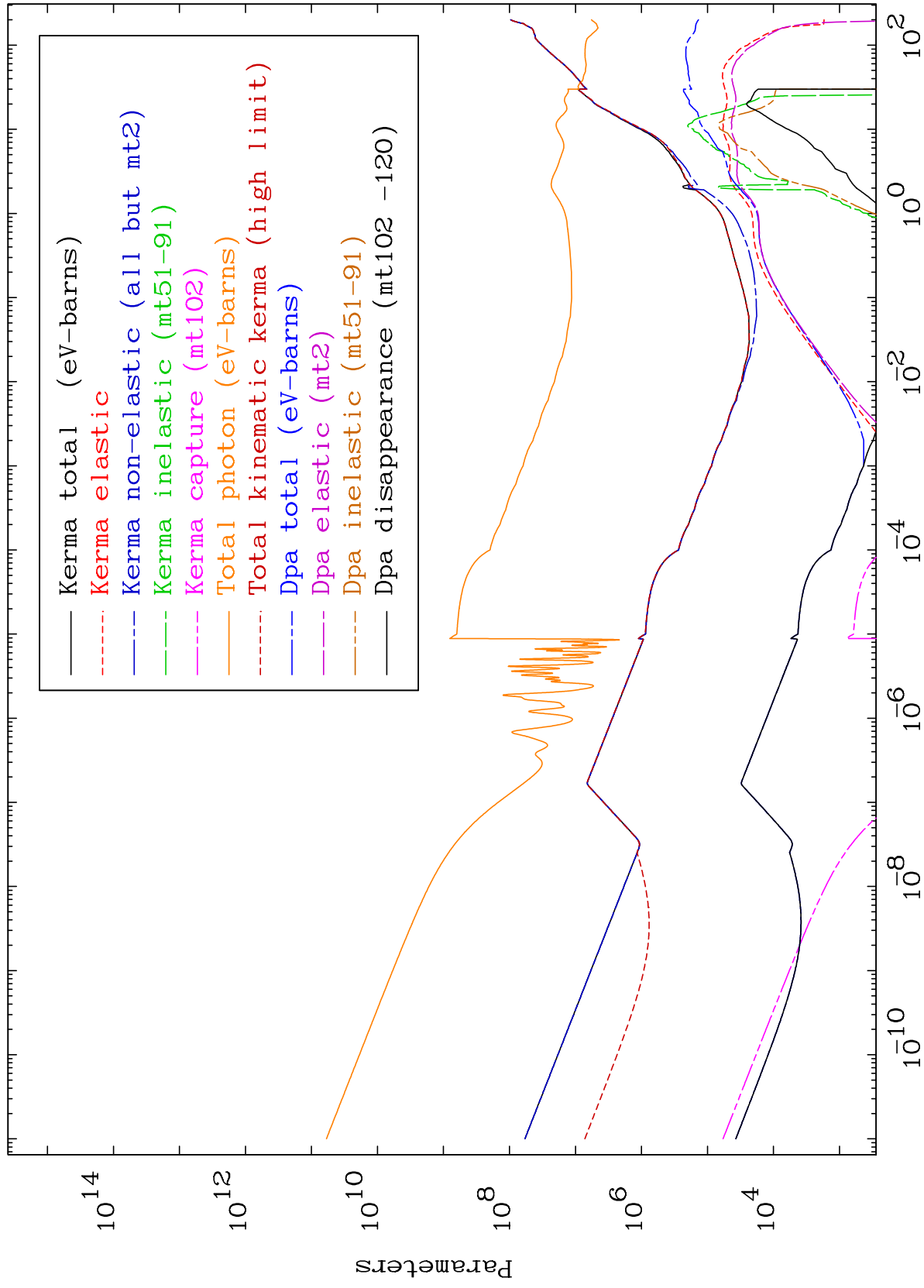
87-Fr-207



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Incident Energy (MeV)

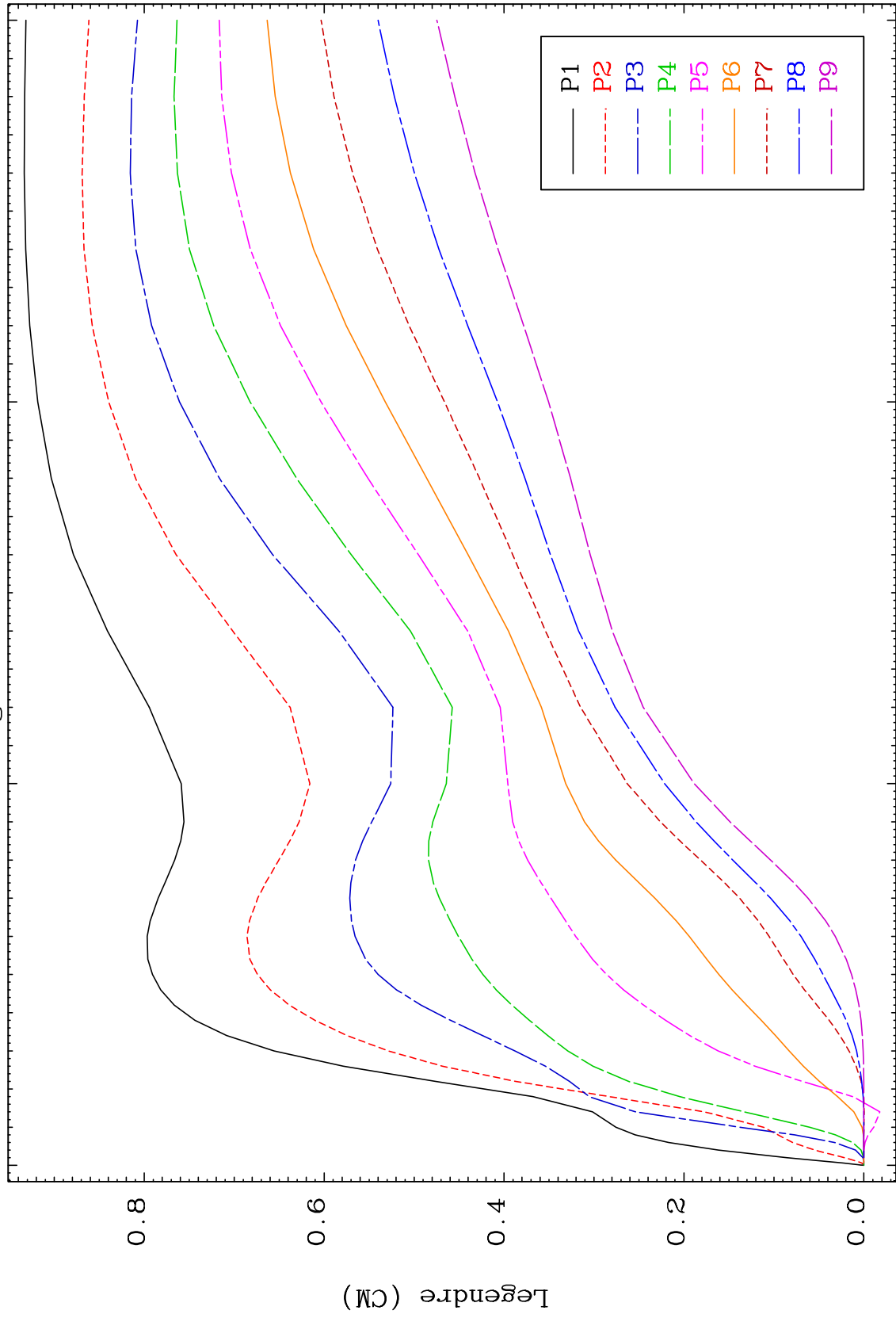
87-Fr-207



MAT 8710

87-Fr-207

Elastic Legendre Coefficients



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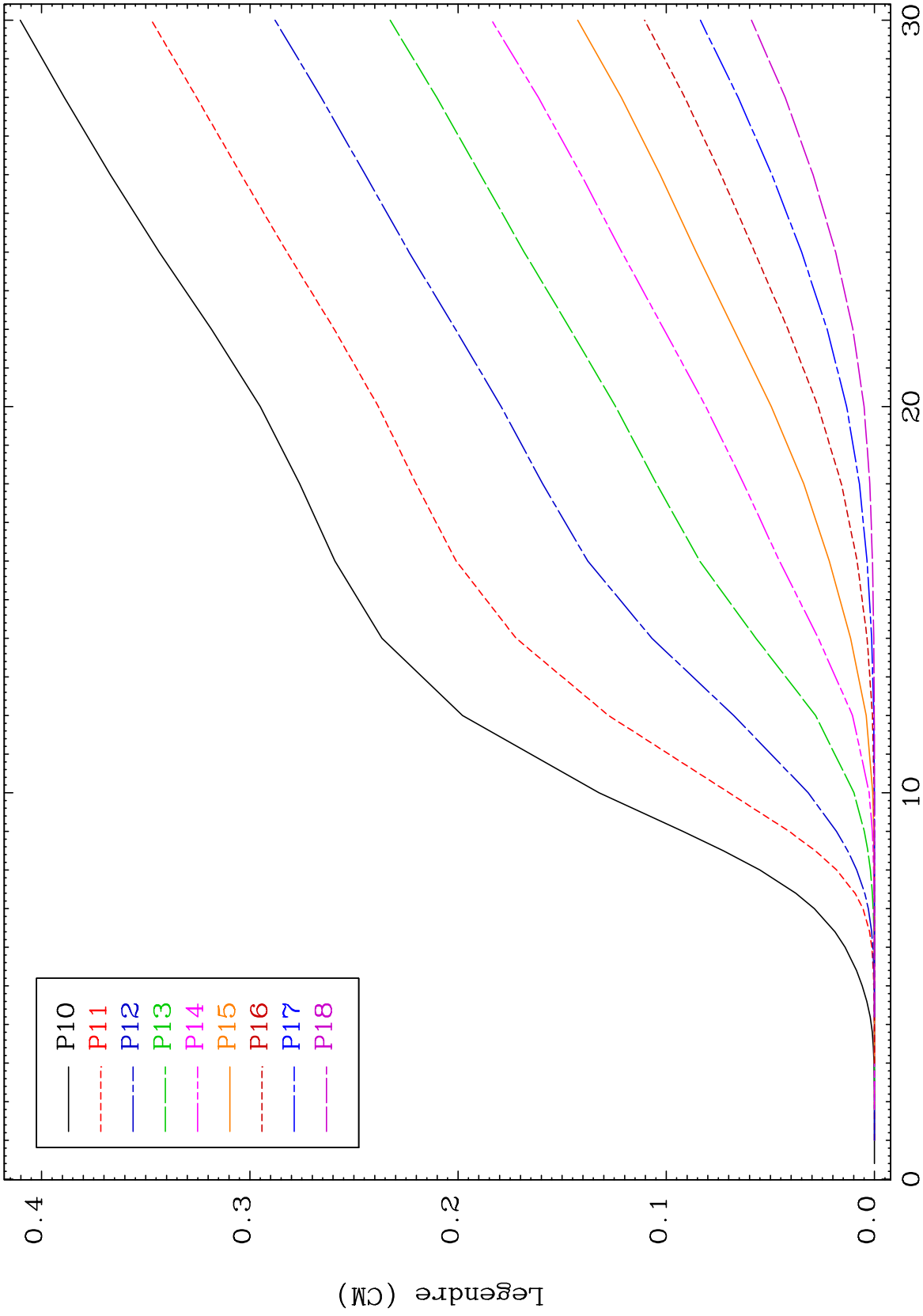
Incident Energy (MeV)

87-Fr-207

MAT 8710

Elastic Legendre Coefficients

87-Fr-207



15

10

20

30

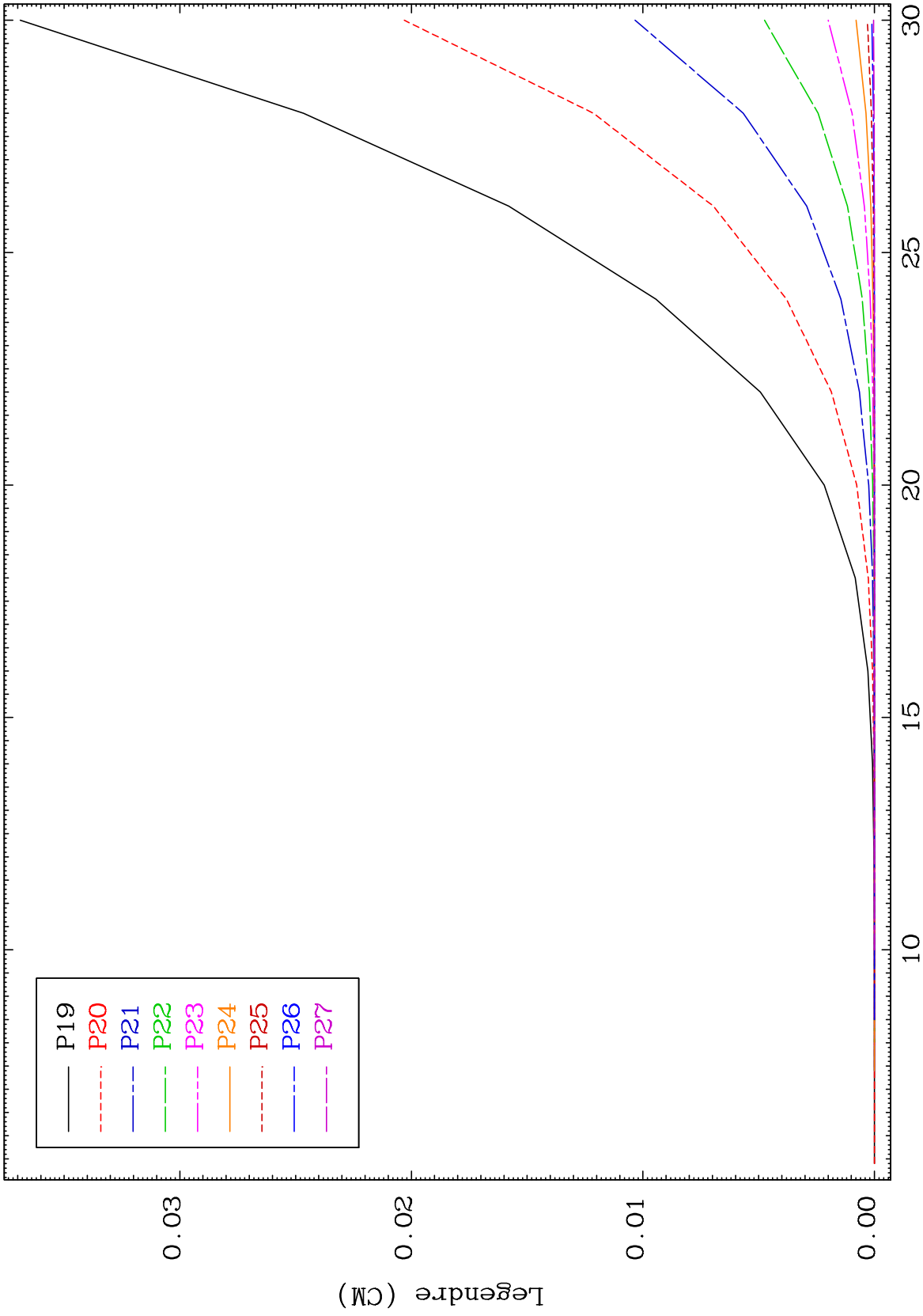
87-Fr-207



MAT 8710

Elastic Legendre Coefficients

87-Fr-207



16

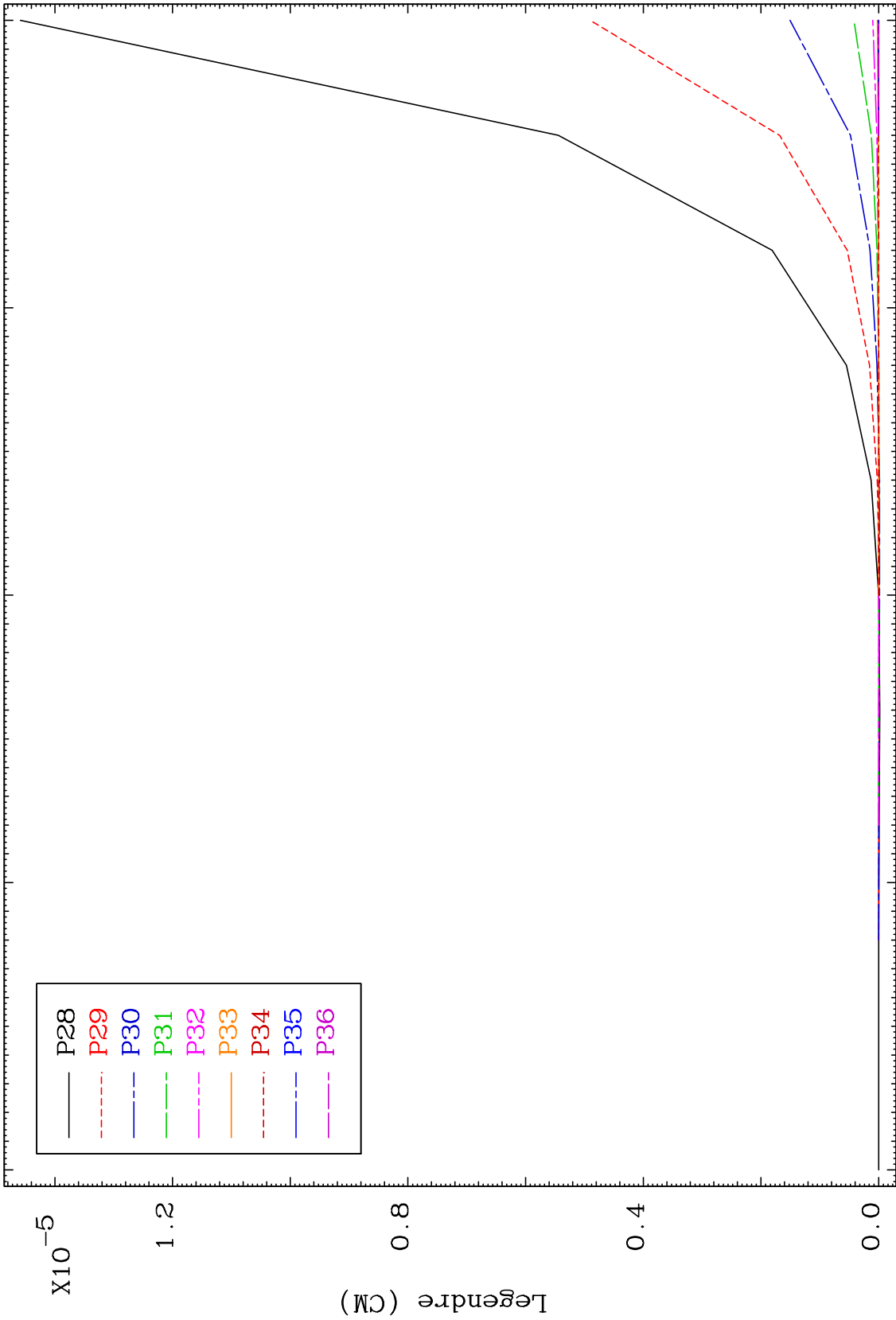
Incident Energy (MeV)

87-Fr-207

MAT 8710

Elastic Legendre Coefficients

87-Fr-207



17

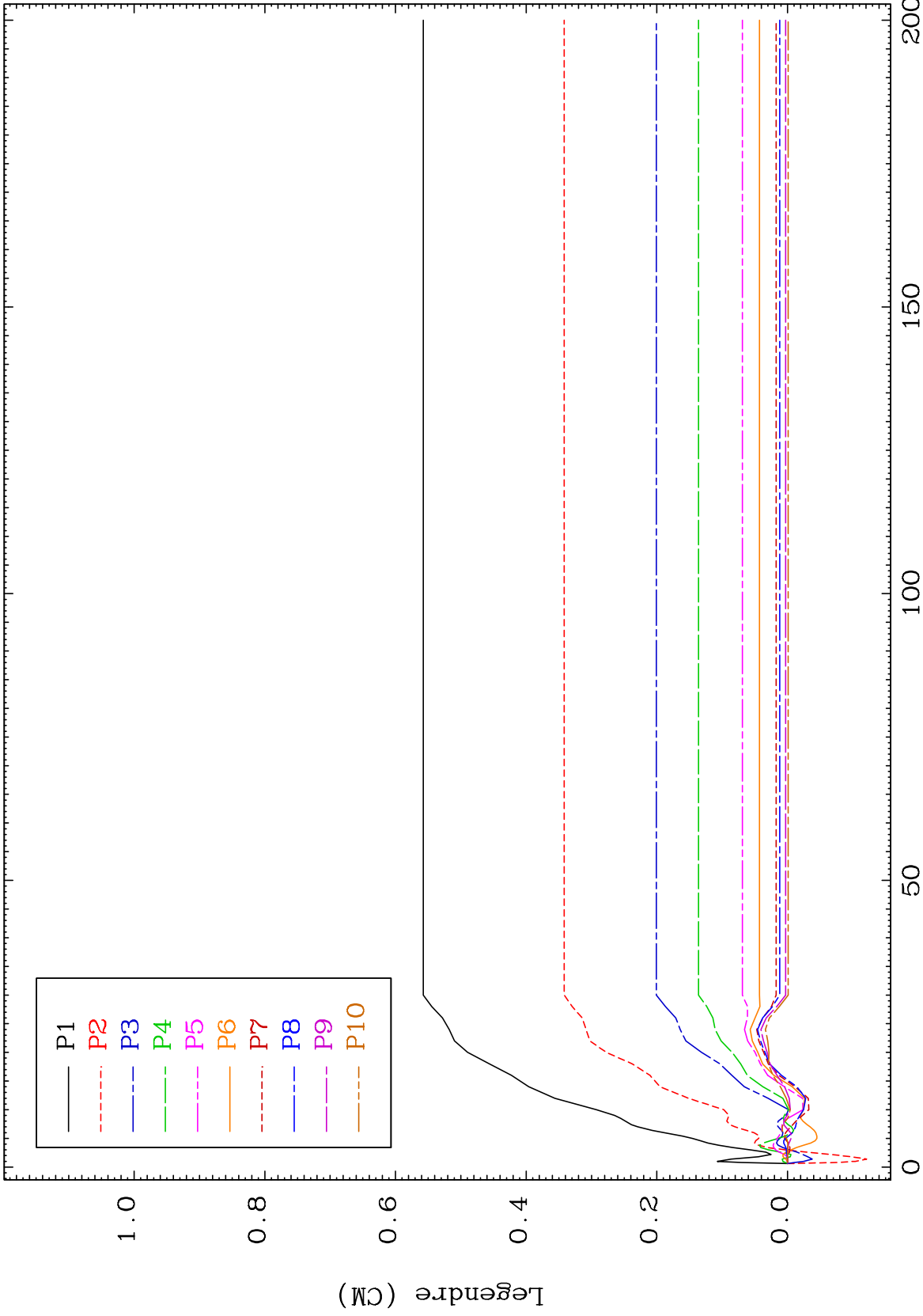
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



18

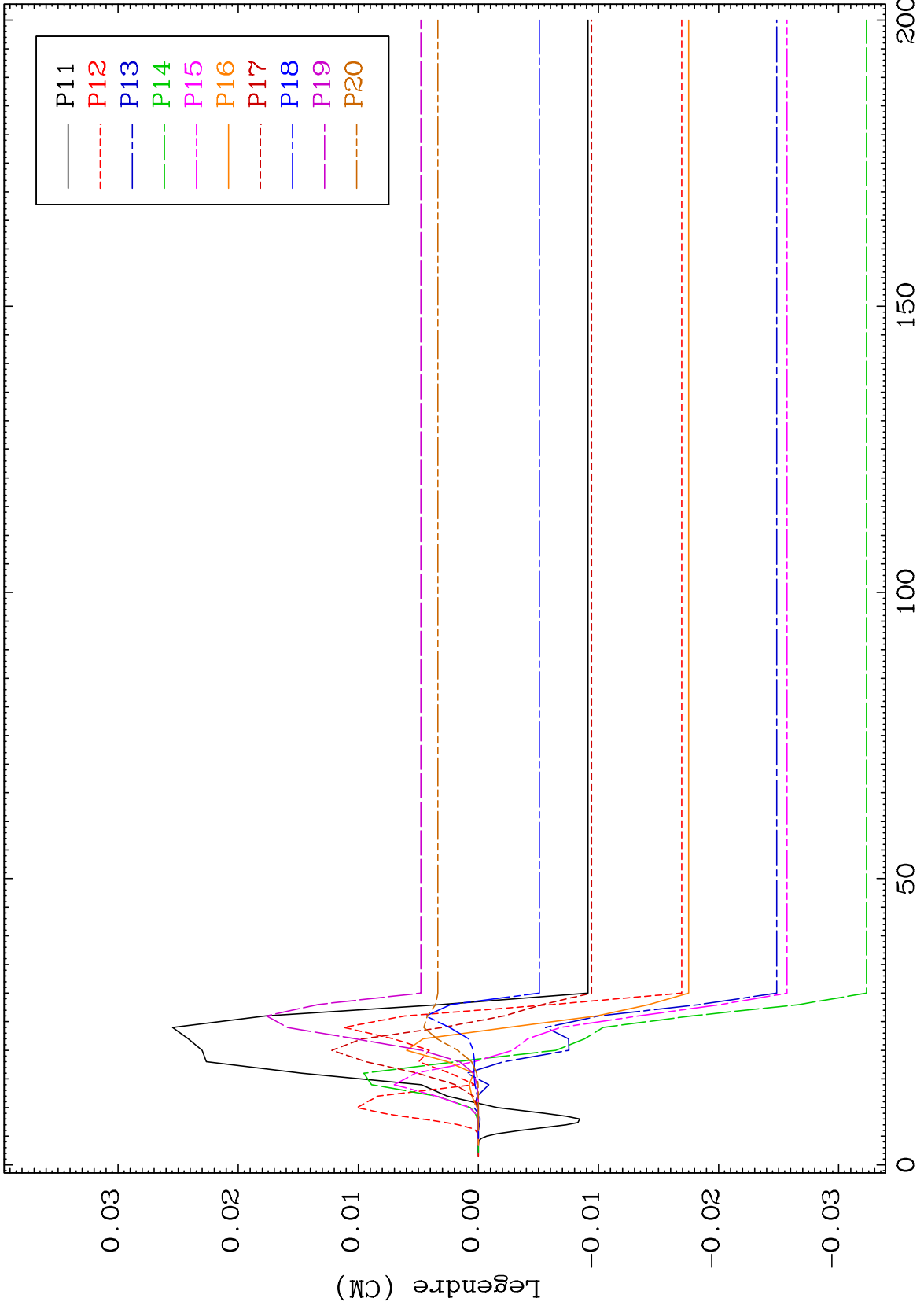
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



19

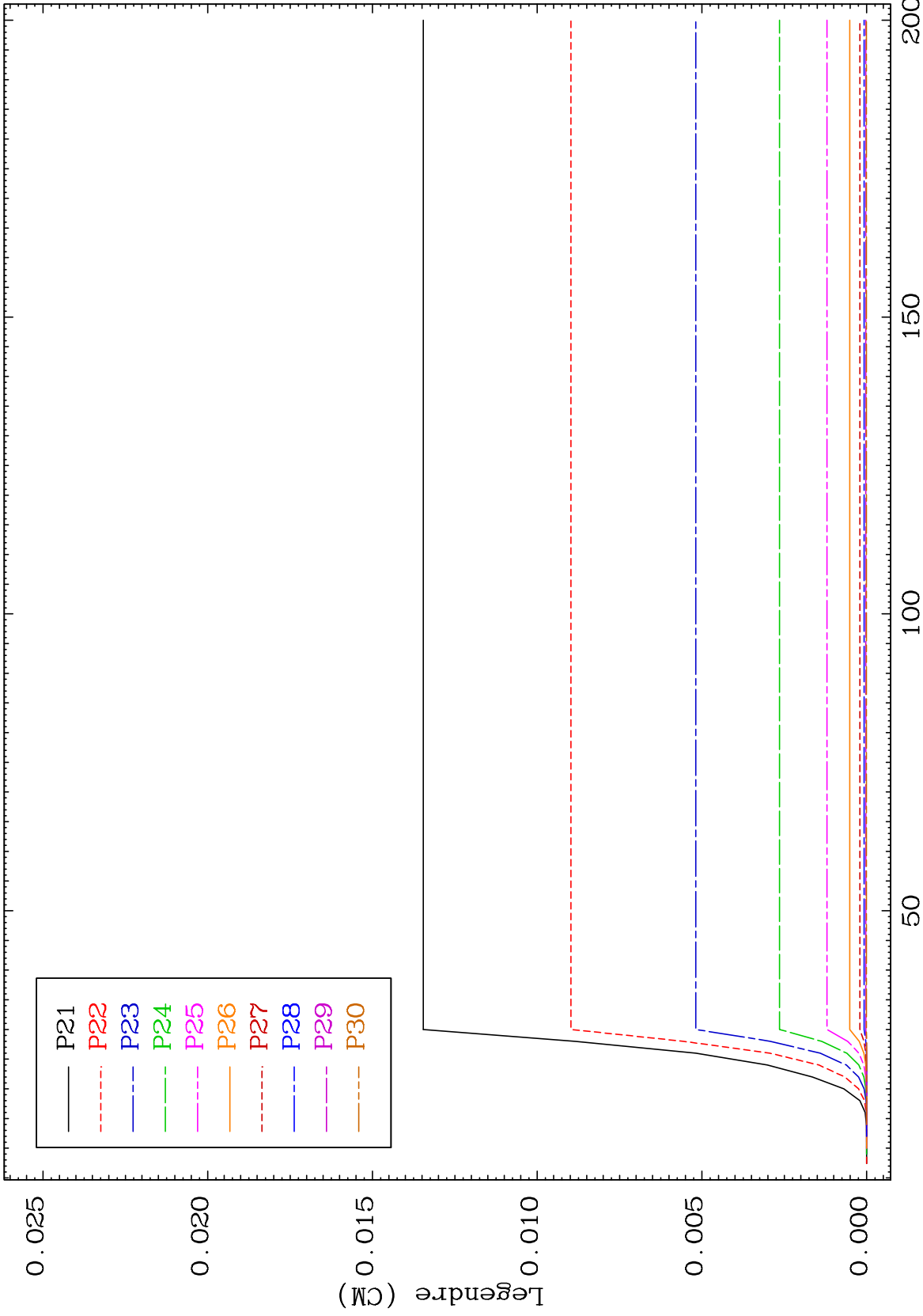
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



20

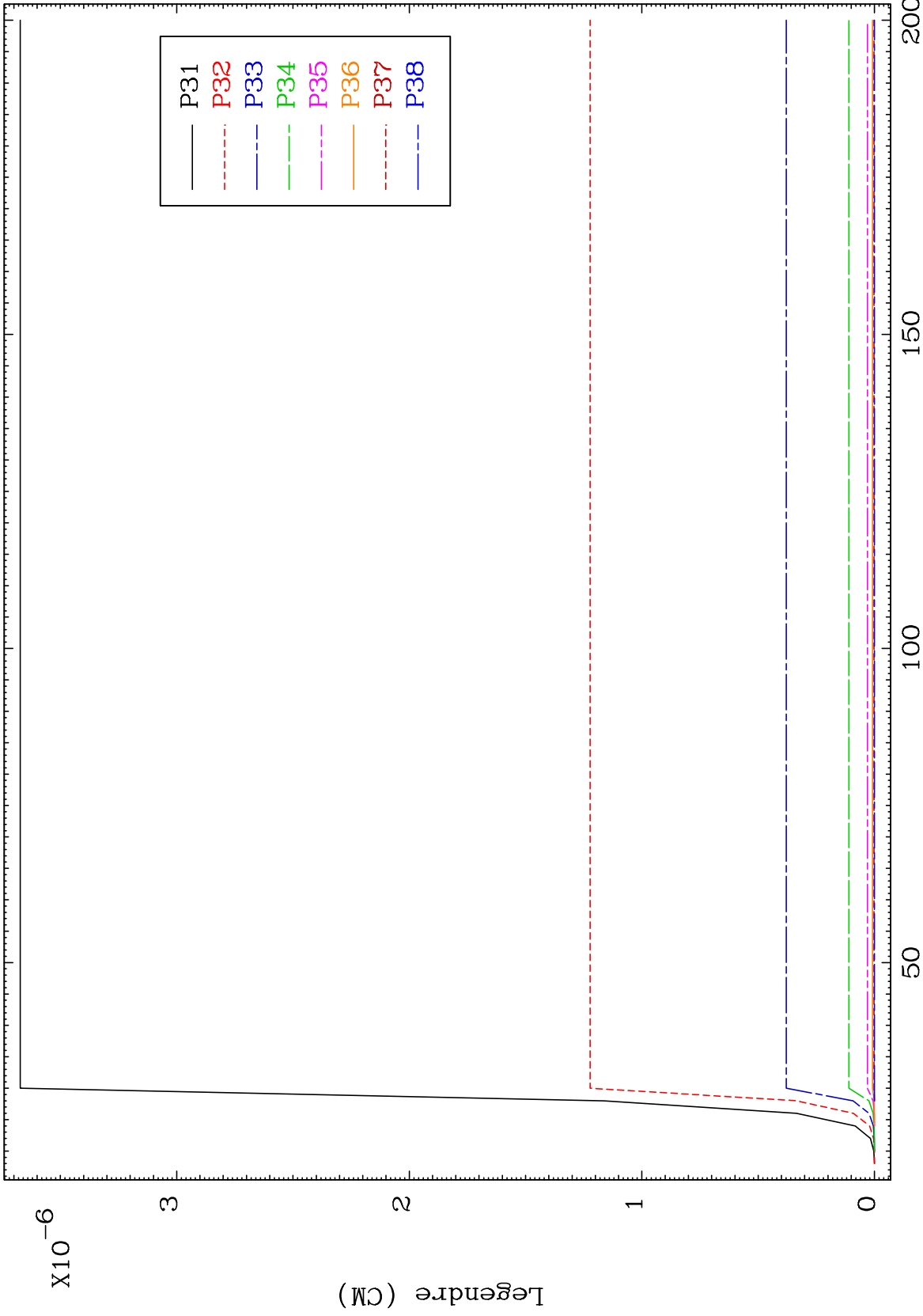
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



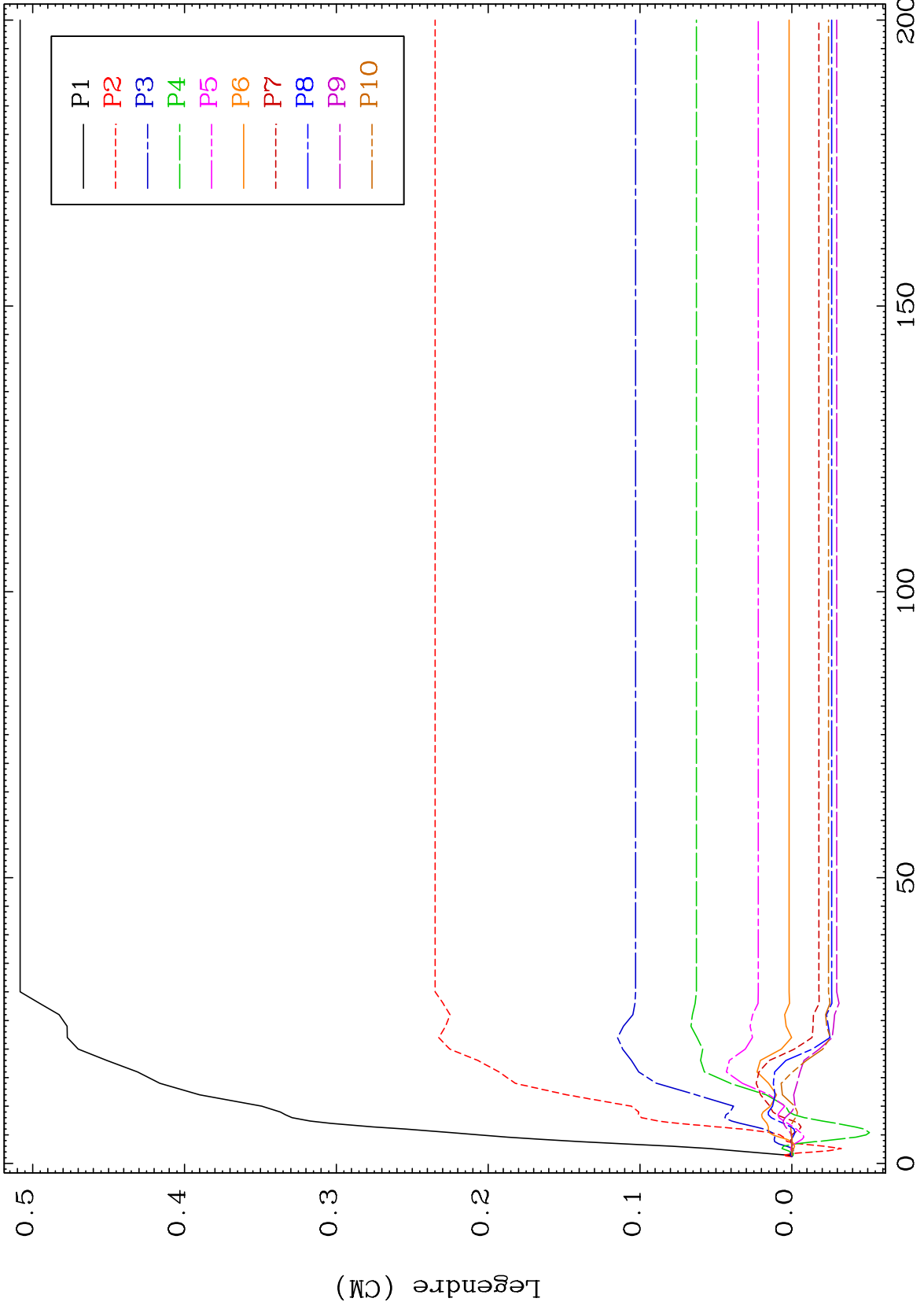
21

87-Fr-207

MAT 8710

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

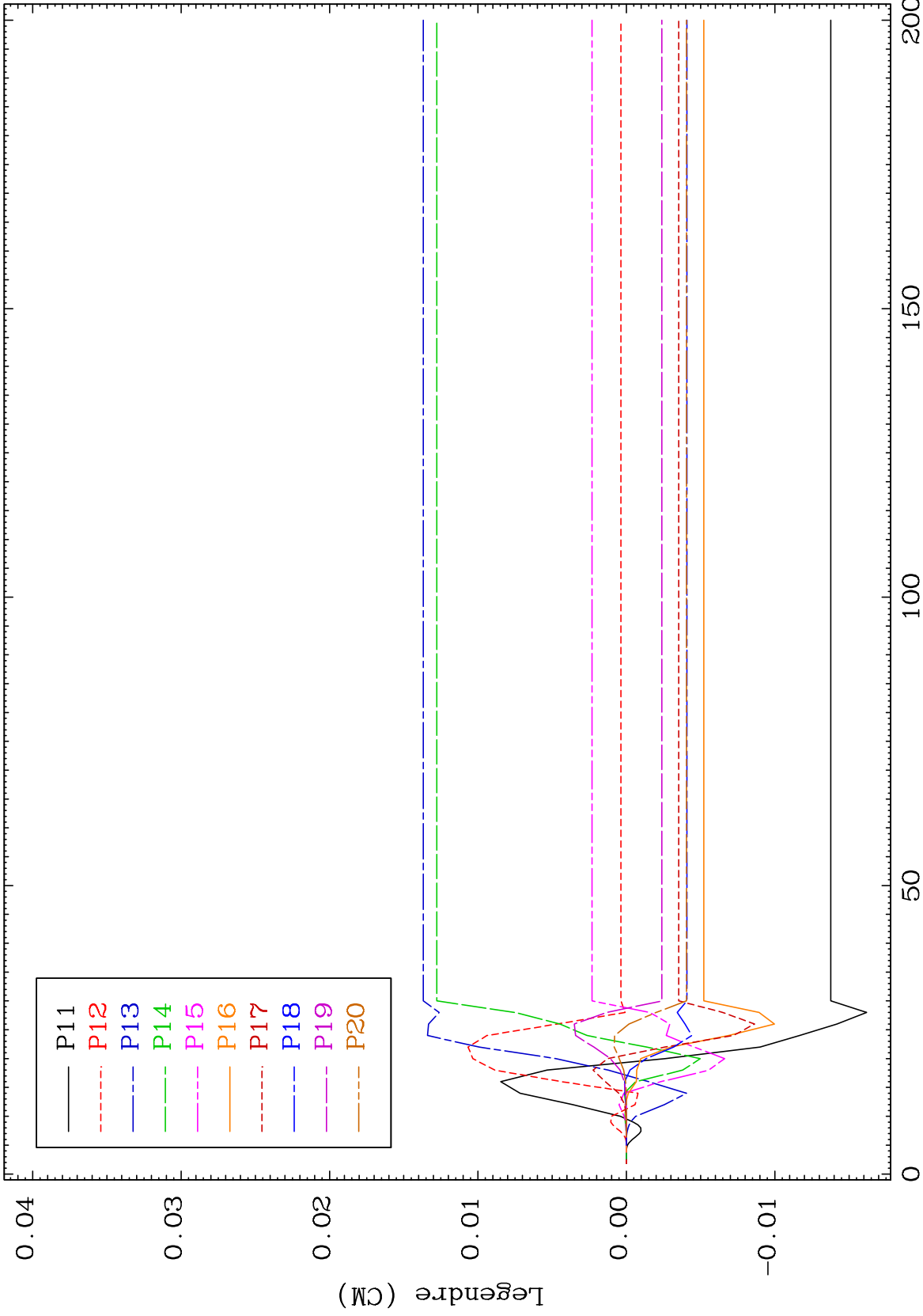
87-Fr-207



22

Incident Energy (MeV)

87-Fr-207

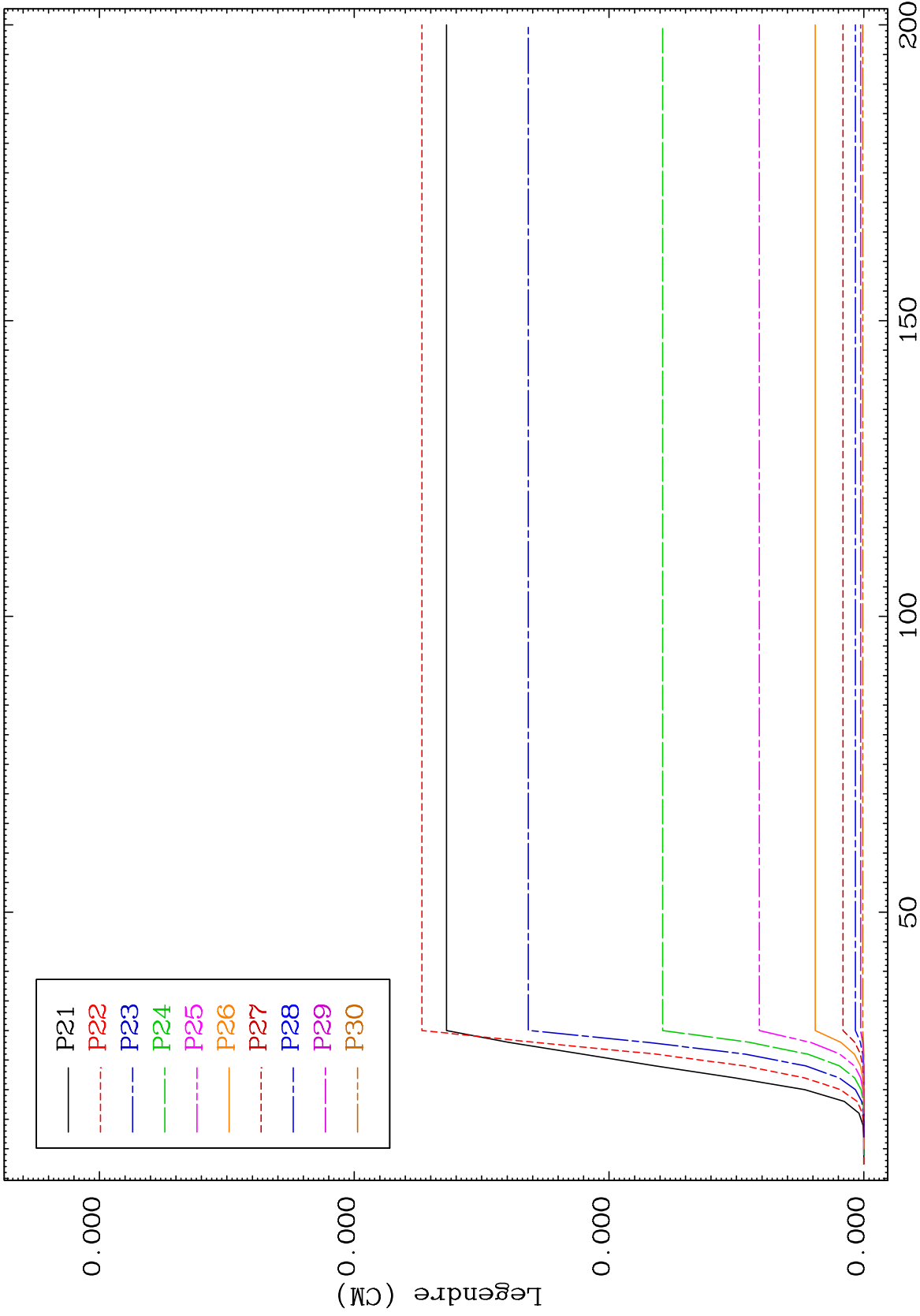




MAT 8710

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

87-Fr-207



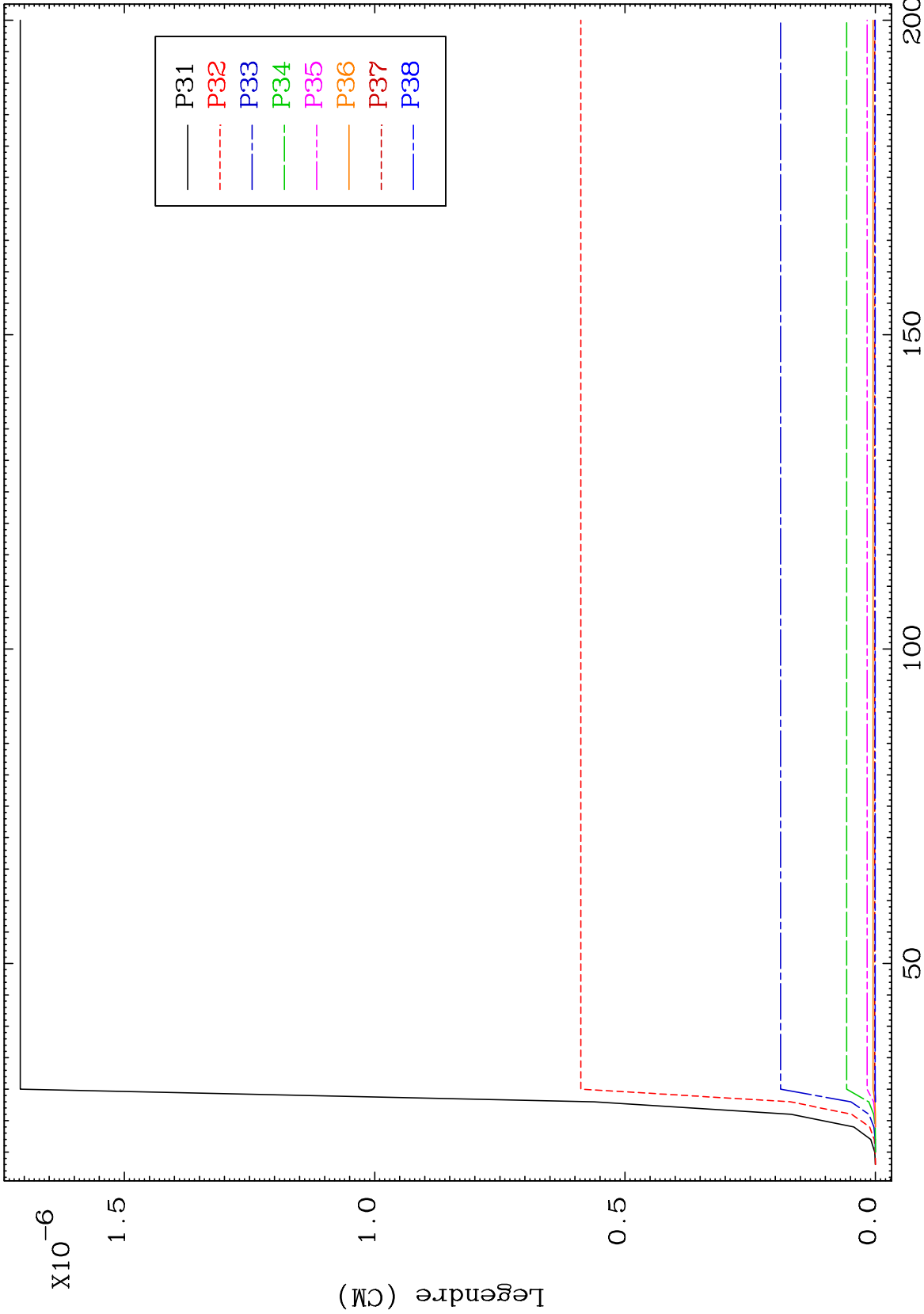
24

87-Fr-207

MAT 8710

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

87-Fr-207



25

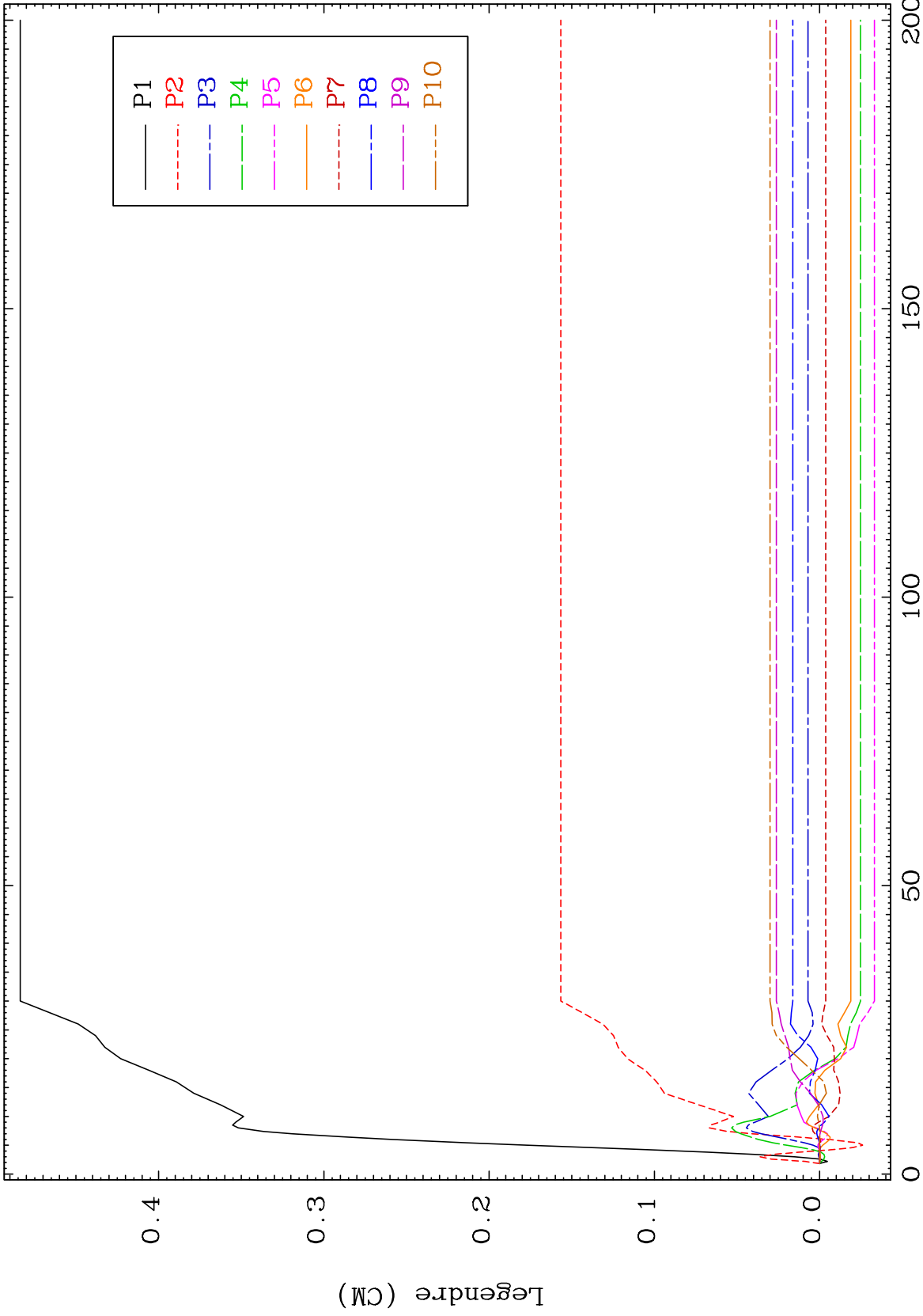
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



26

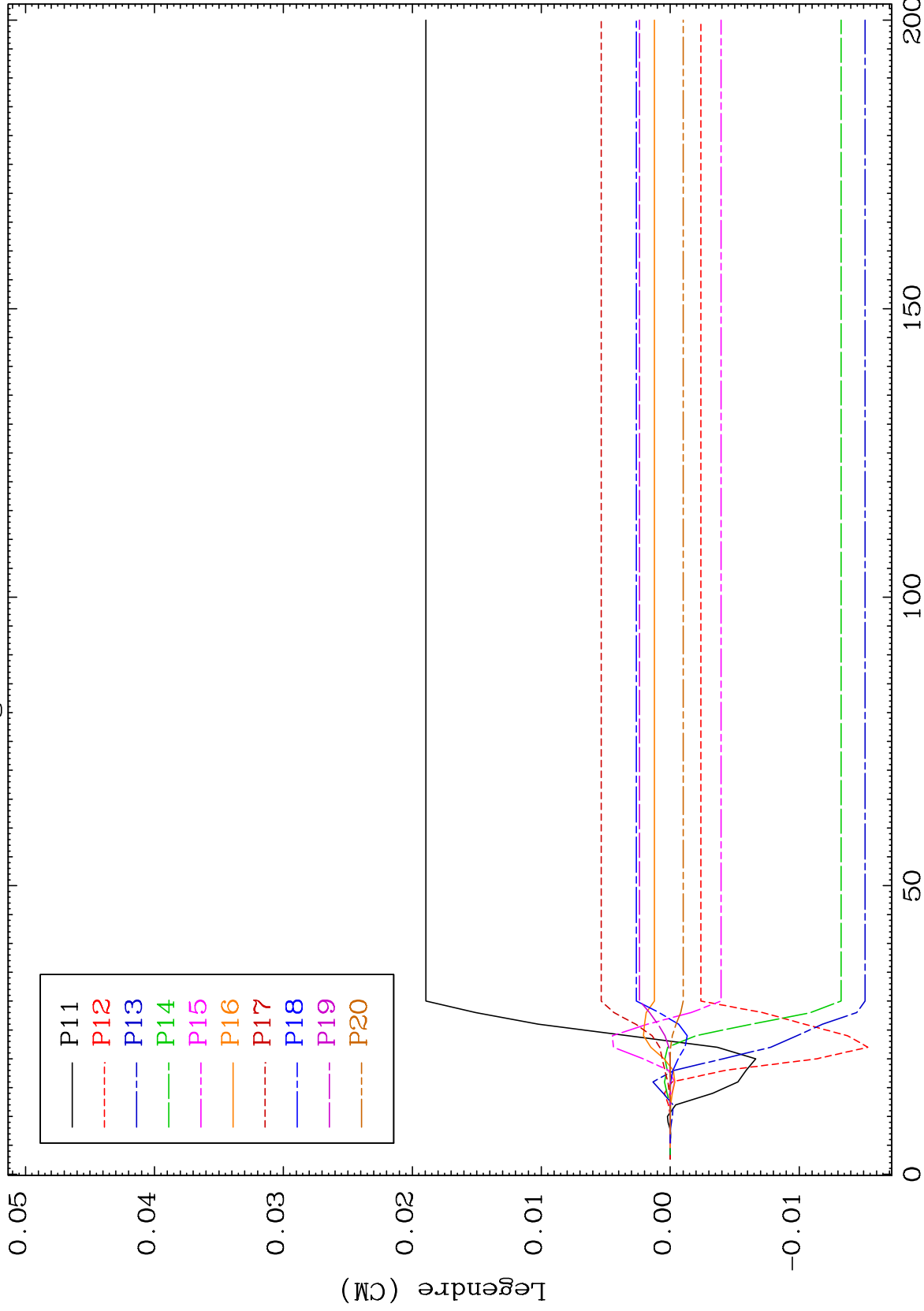
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



27

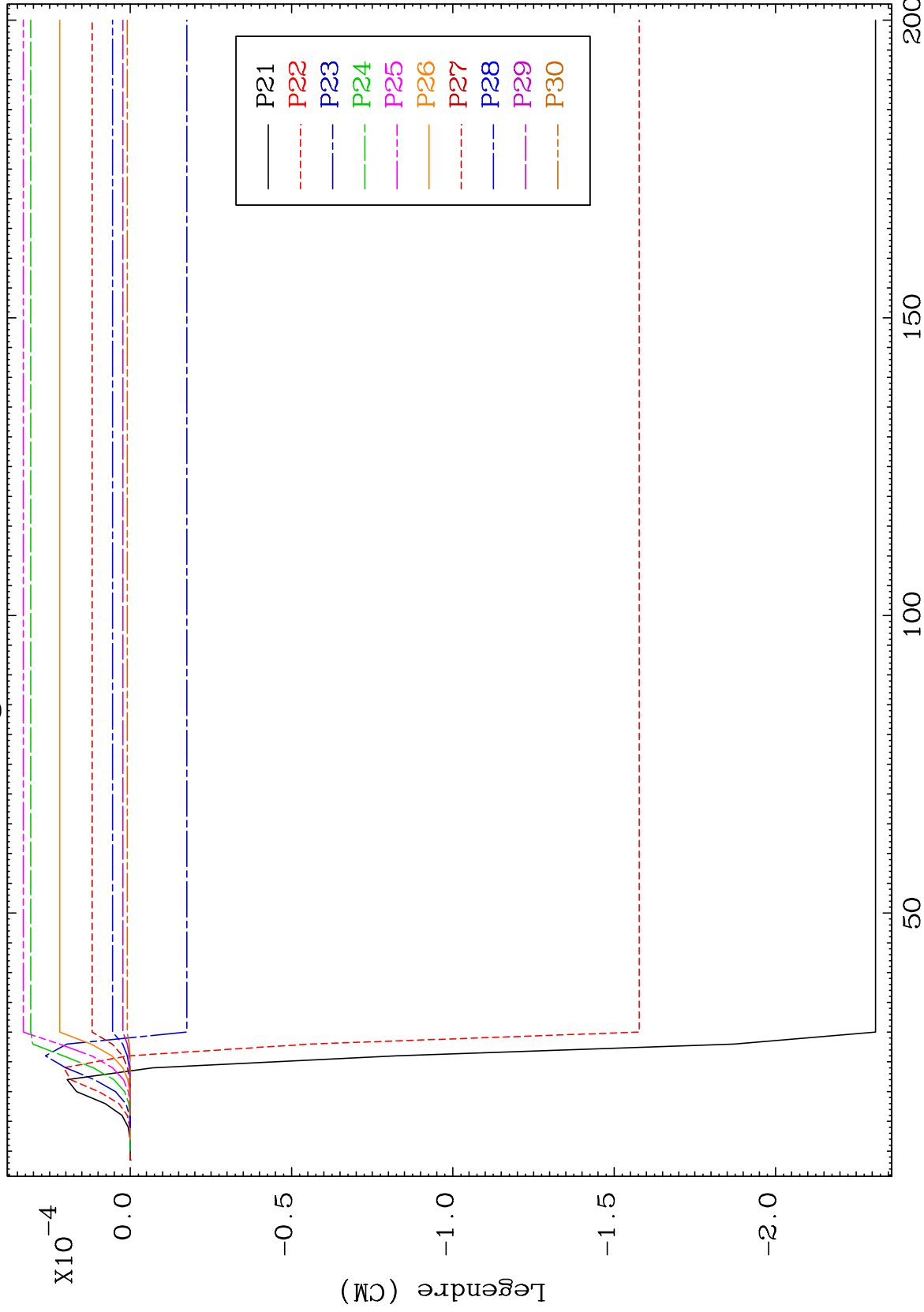
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



28

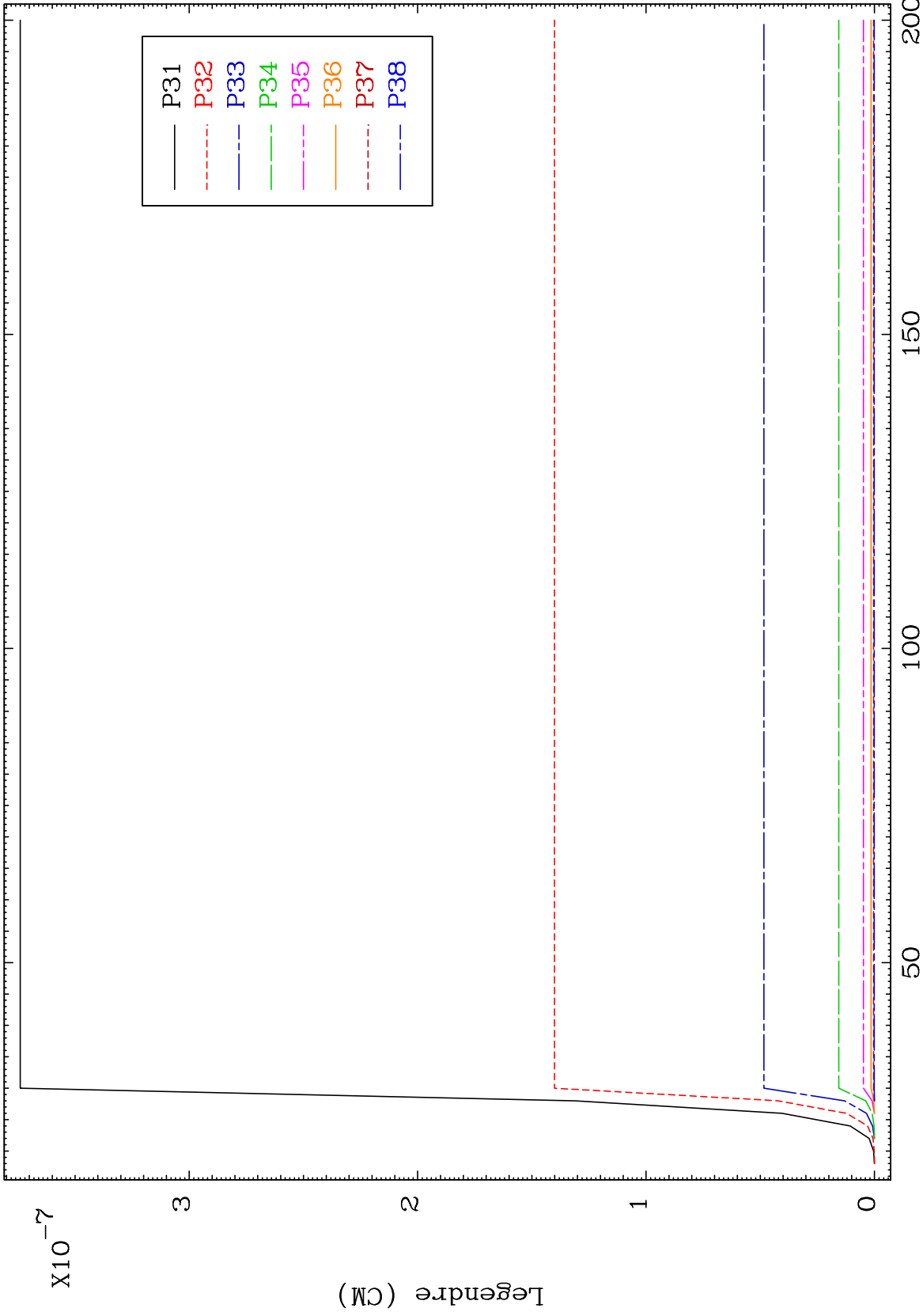
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



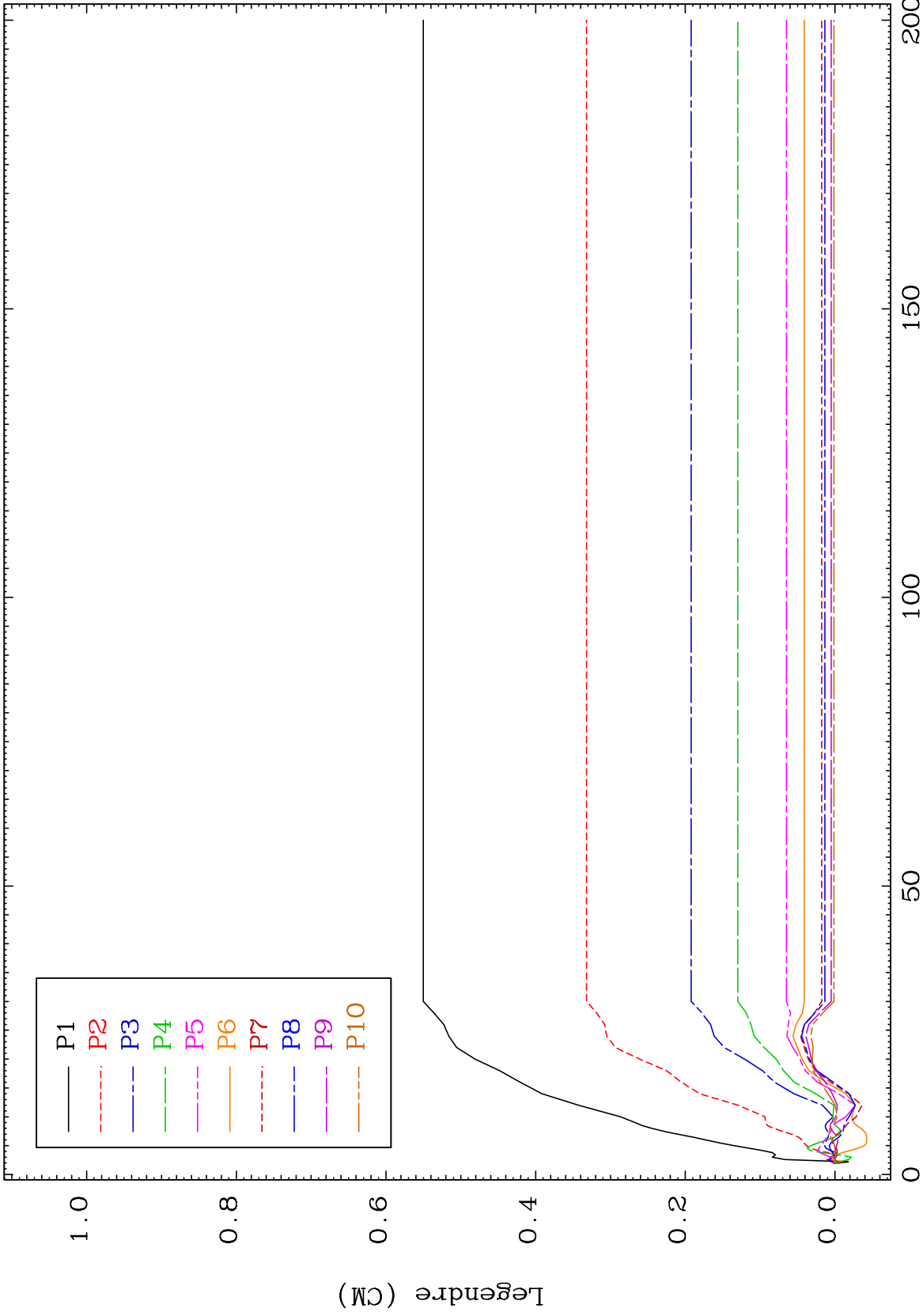
29

87-Fr-207

MAT 8710

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

87-Fr-207



30

50

100

150

200

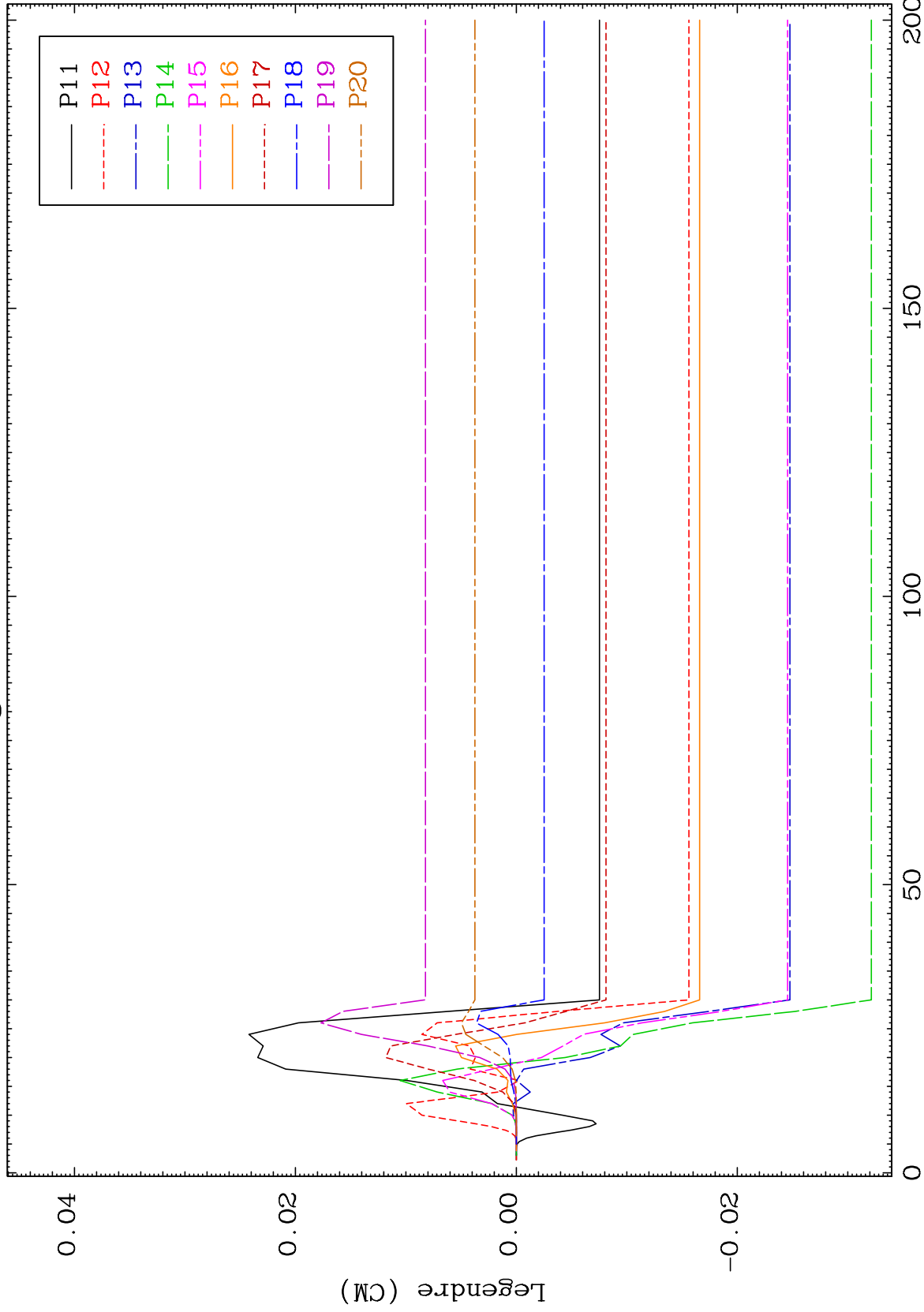
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



31

Incident Energy (MeV)

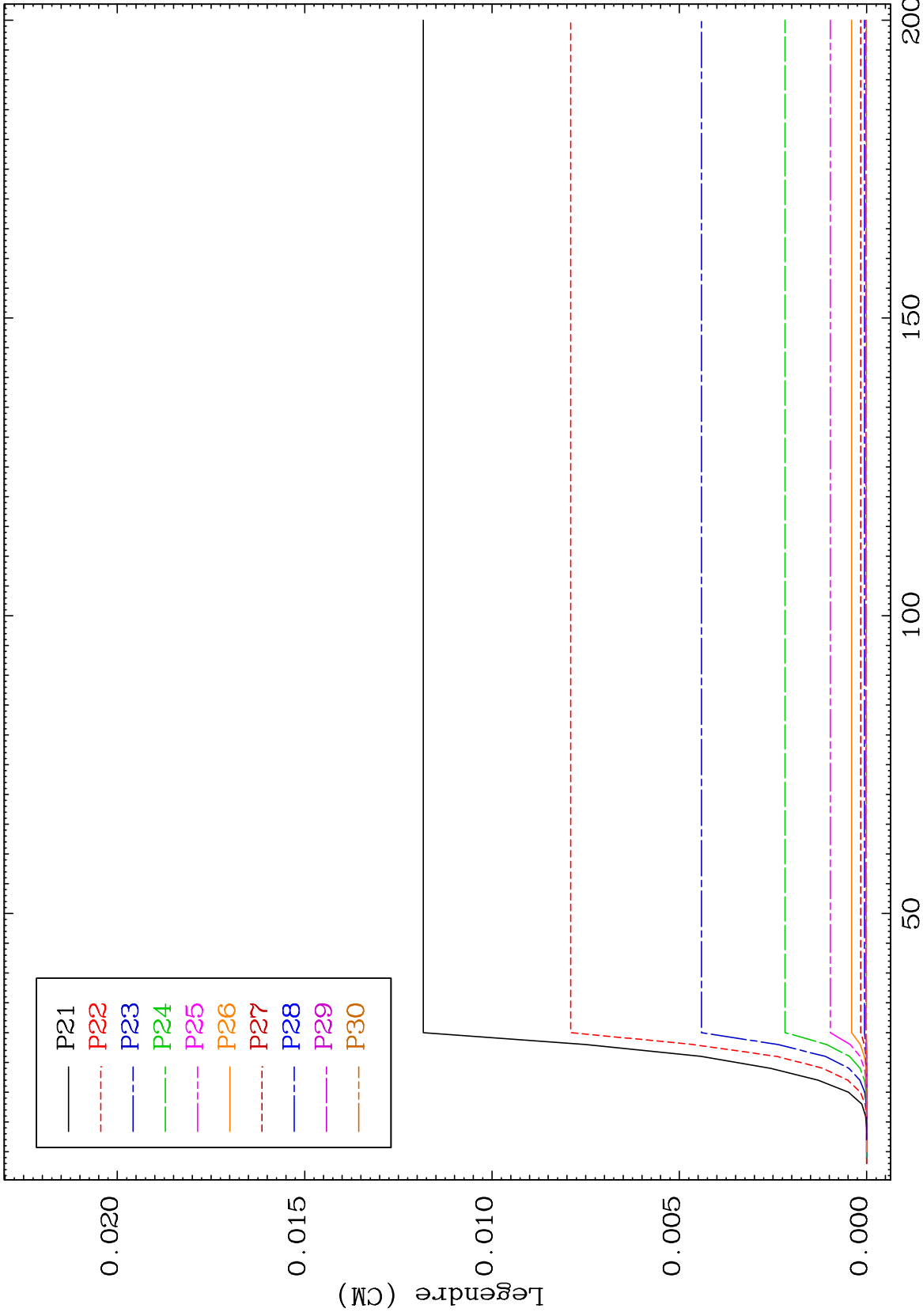
87-Fr-207



MAT 8710

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

87-Fr-207



32

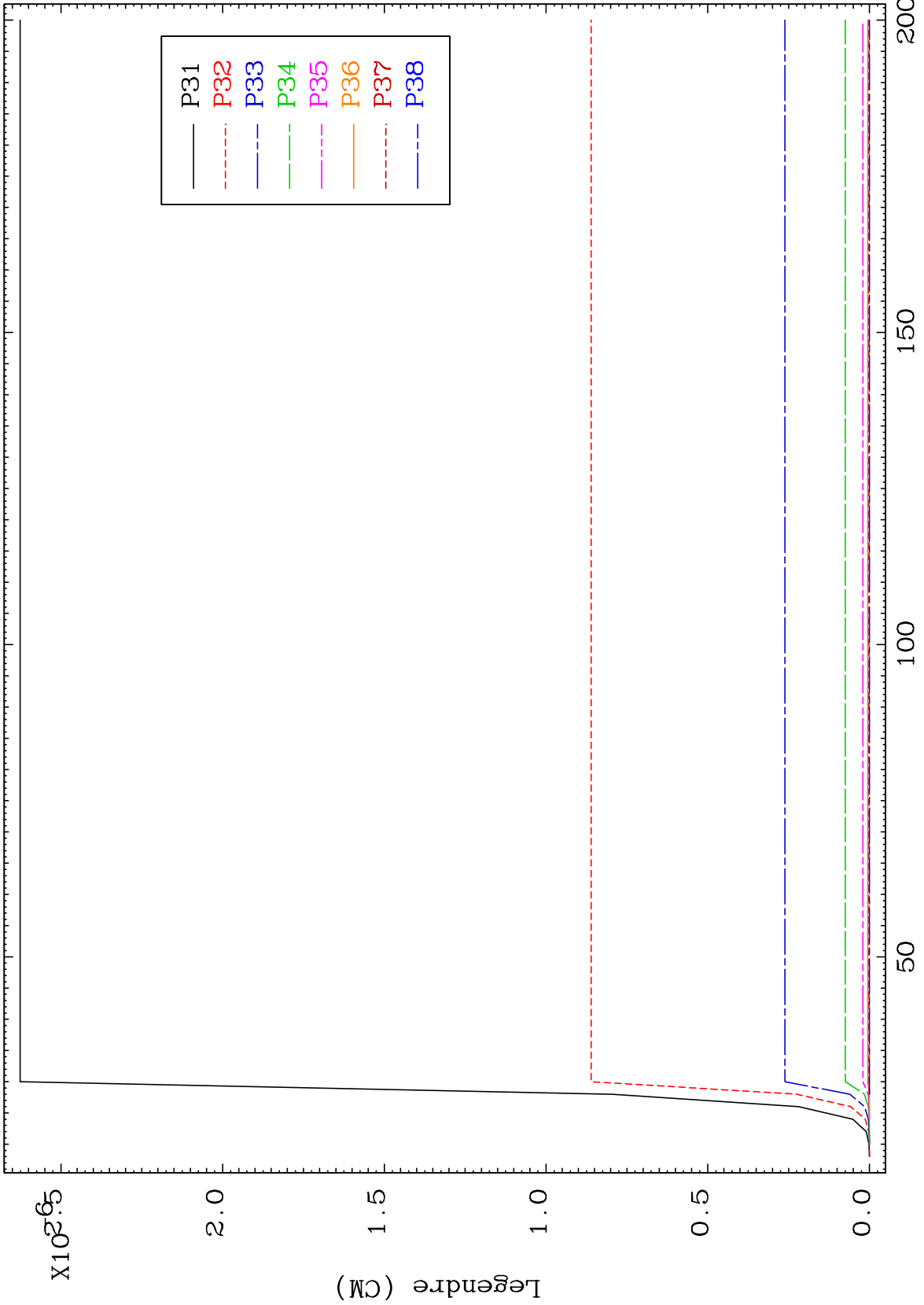
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



33

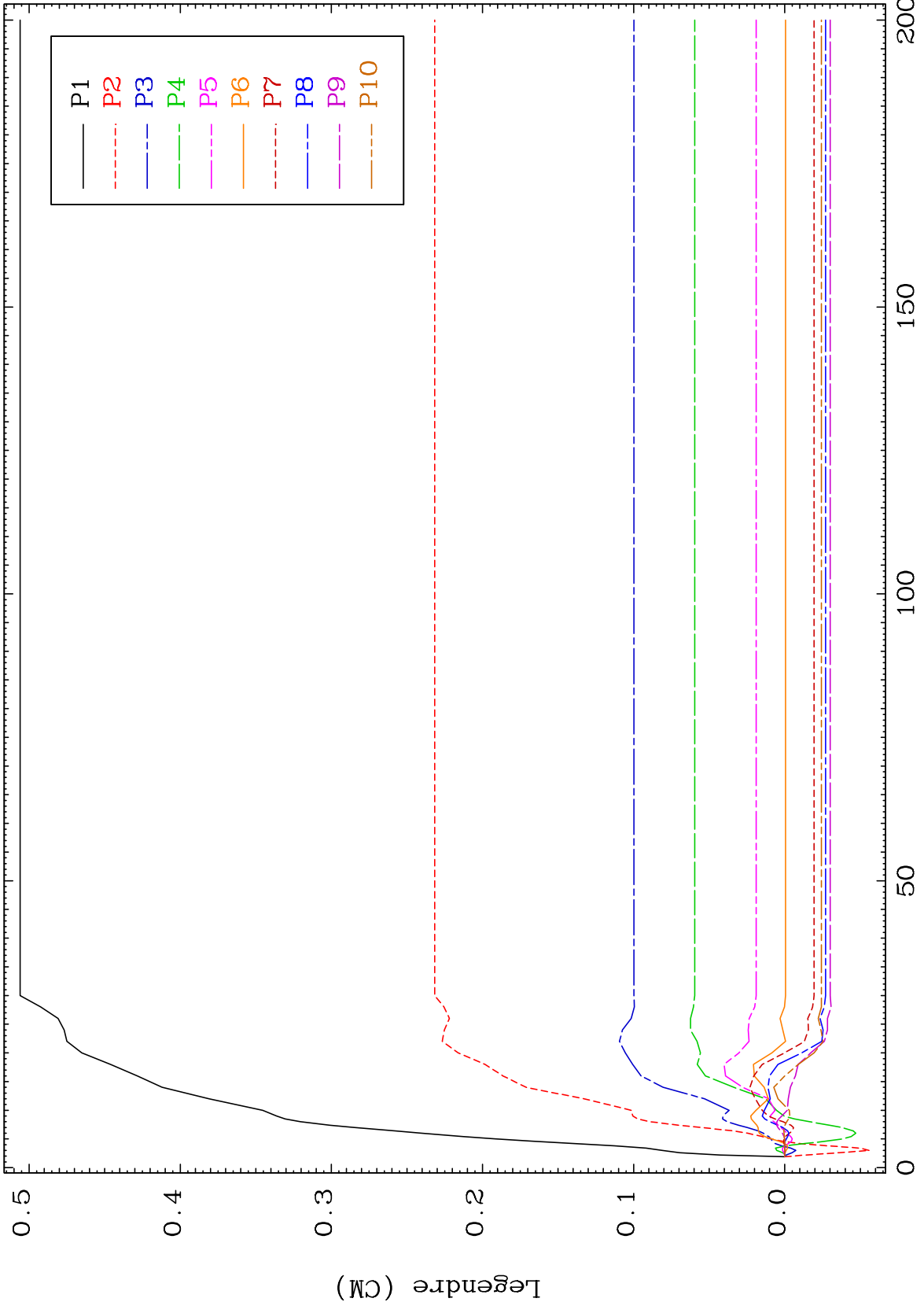
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



34

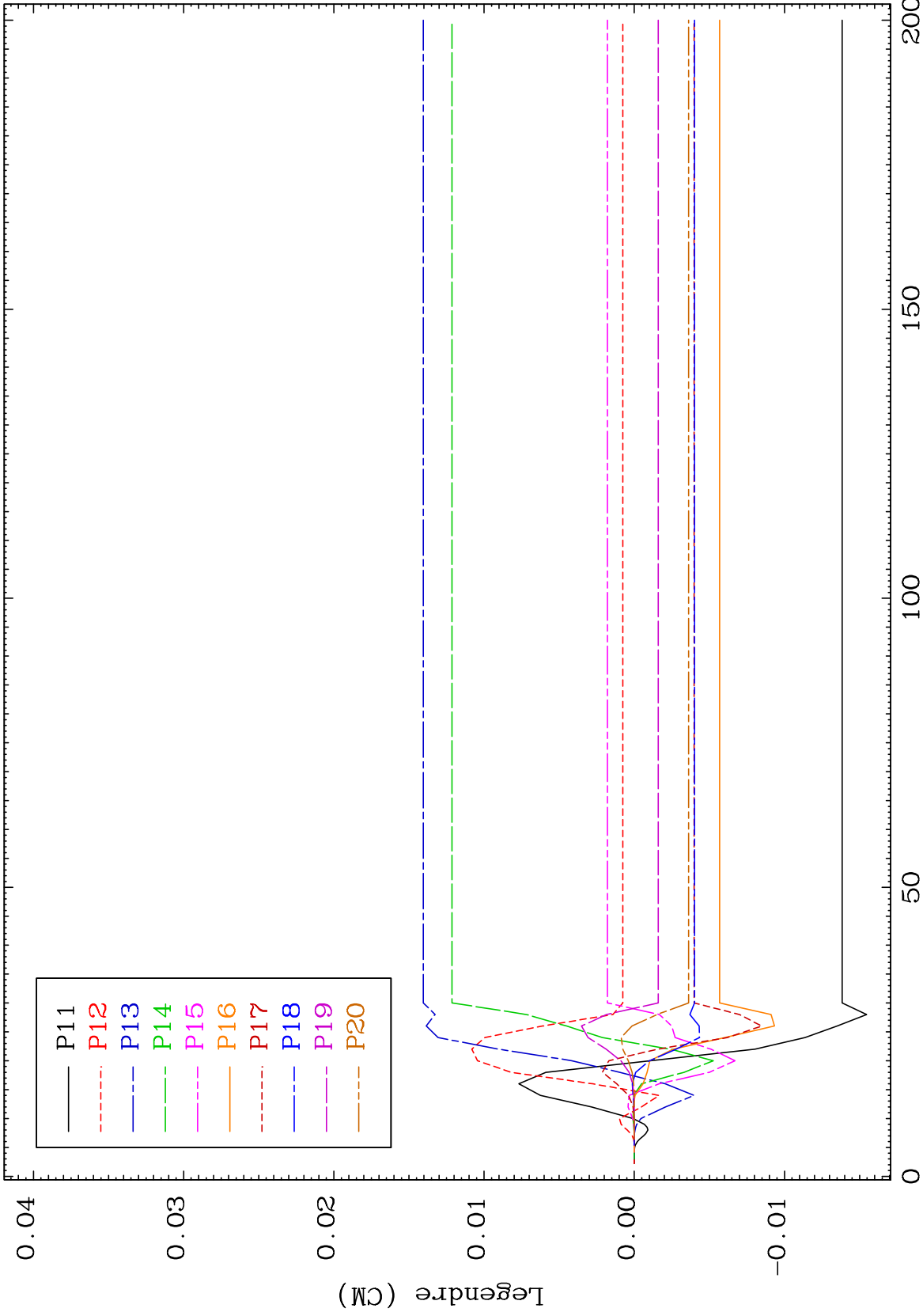
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



35

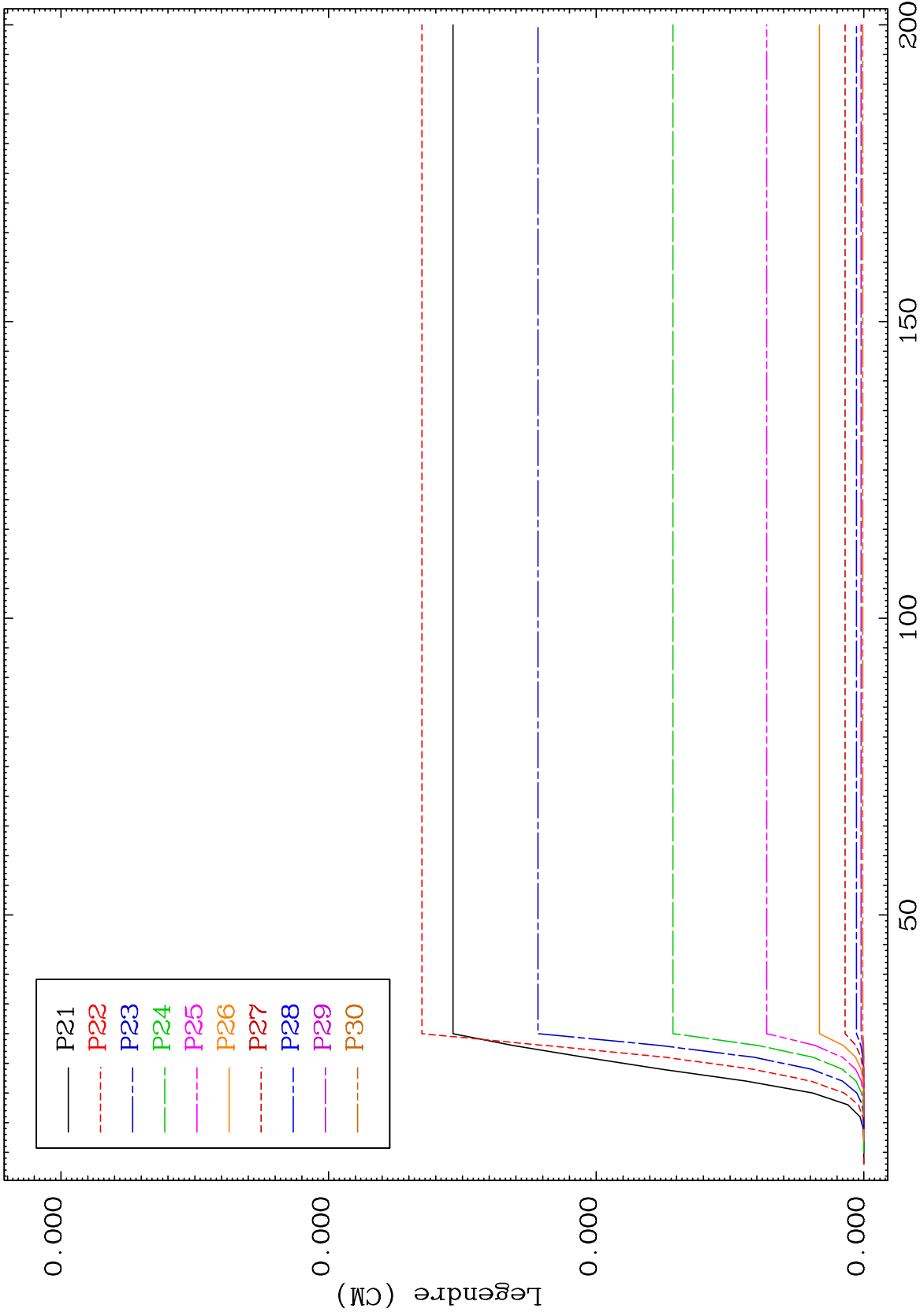
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



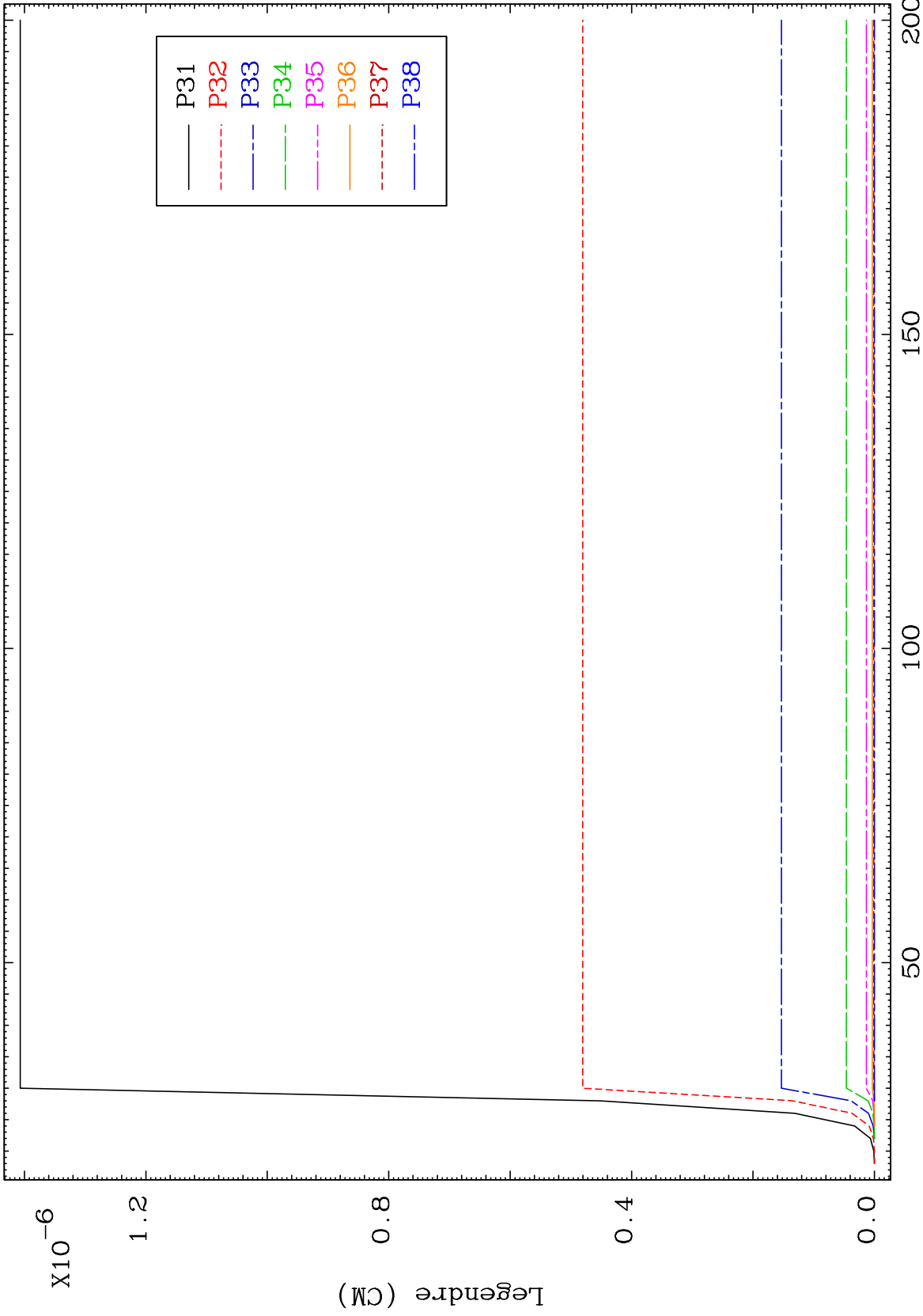
36

87-Fr-207

MAT 8710

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

87-Fr-207



37

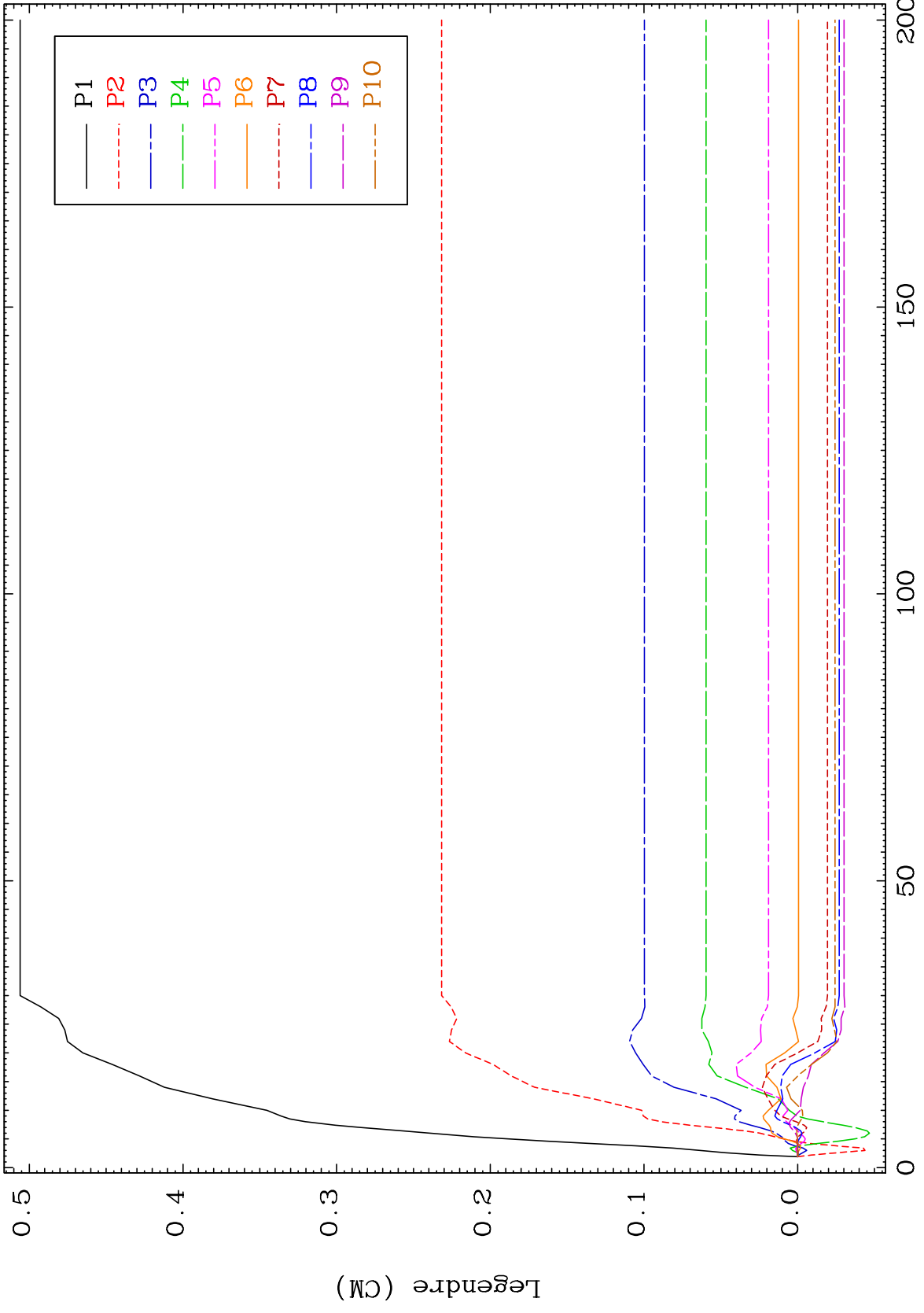
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



38

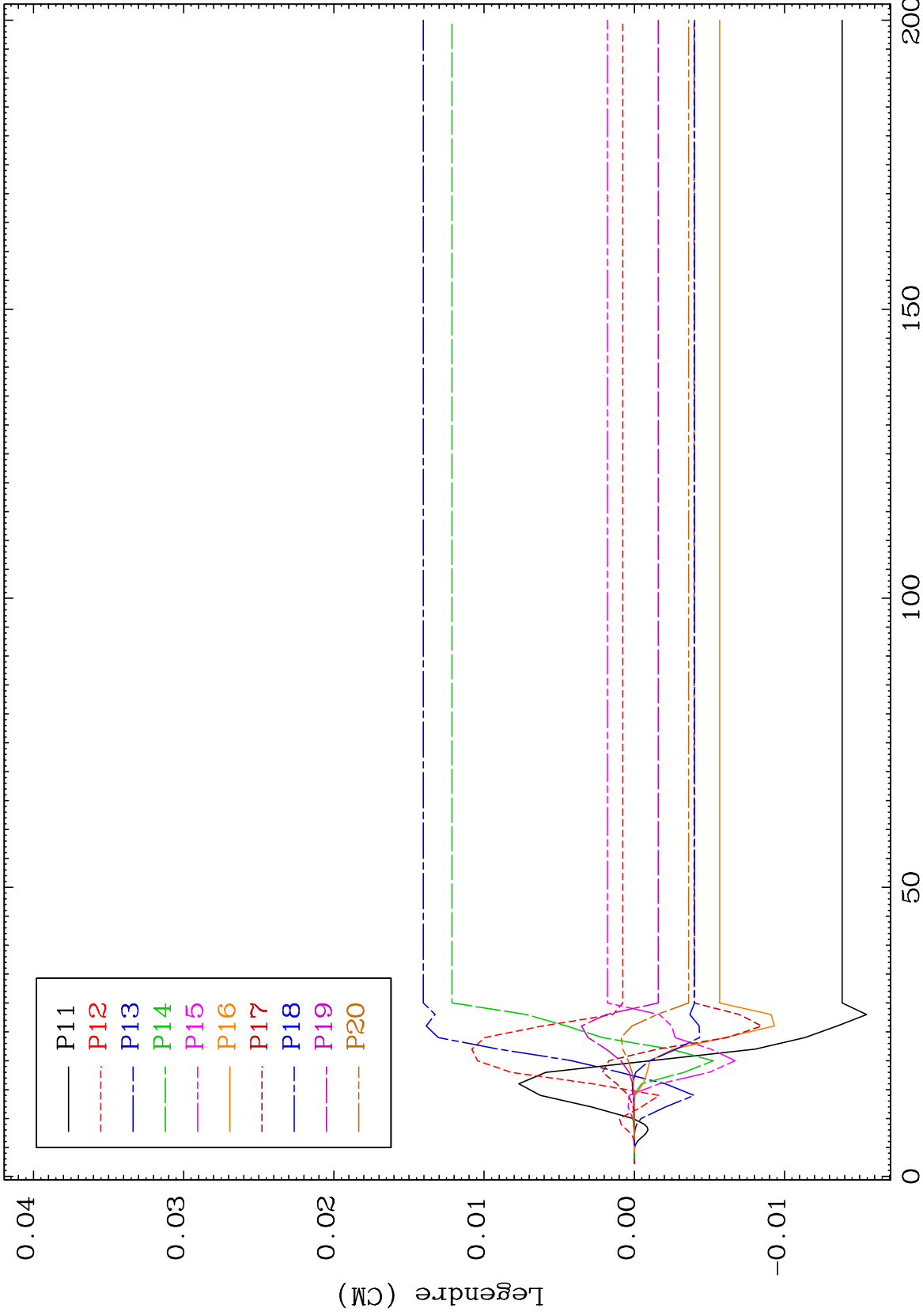
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



39

Incident Energy (MeV)

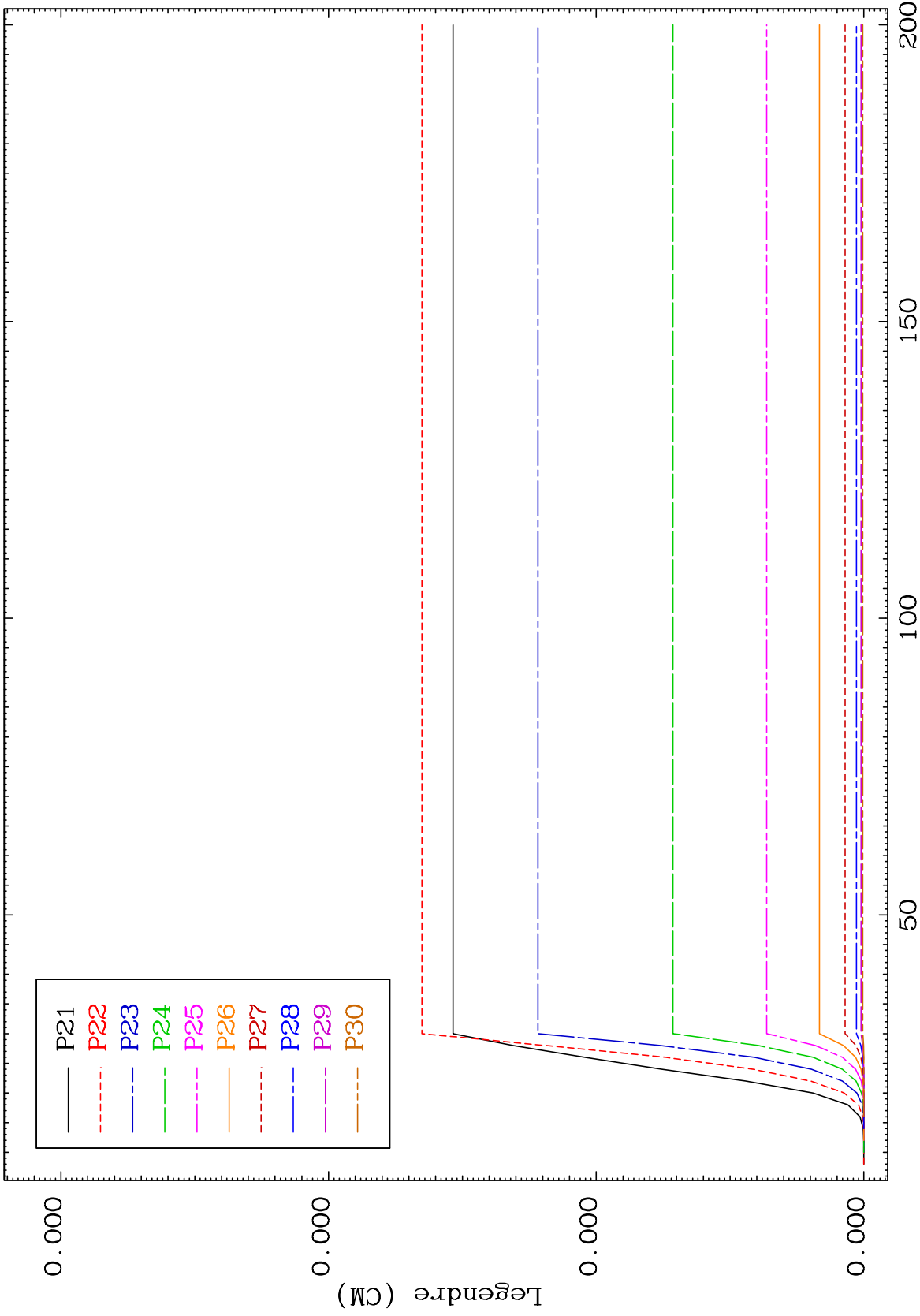
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MAT 8710

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

87-Fr-207



40

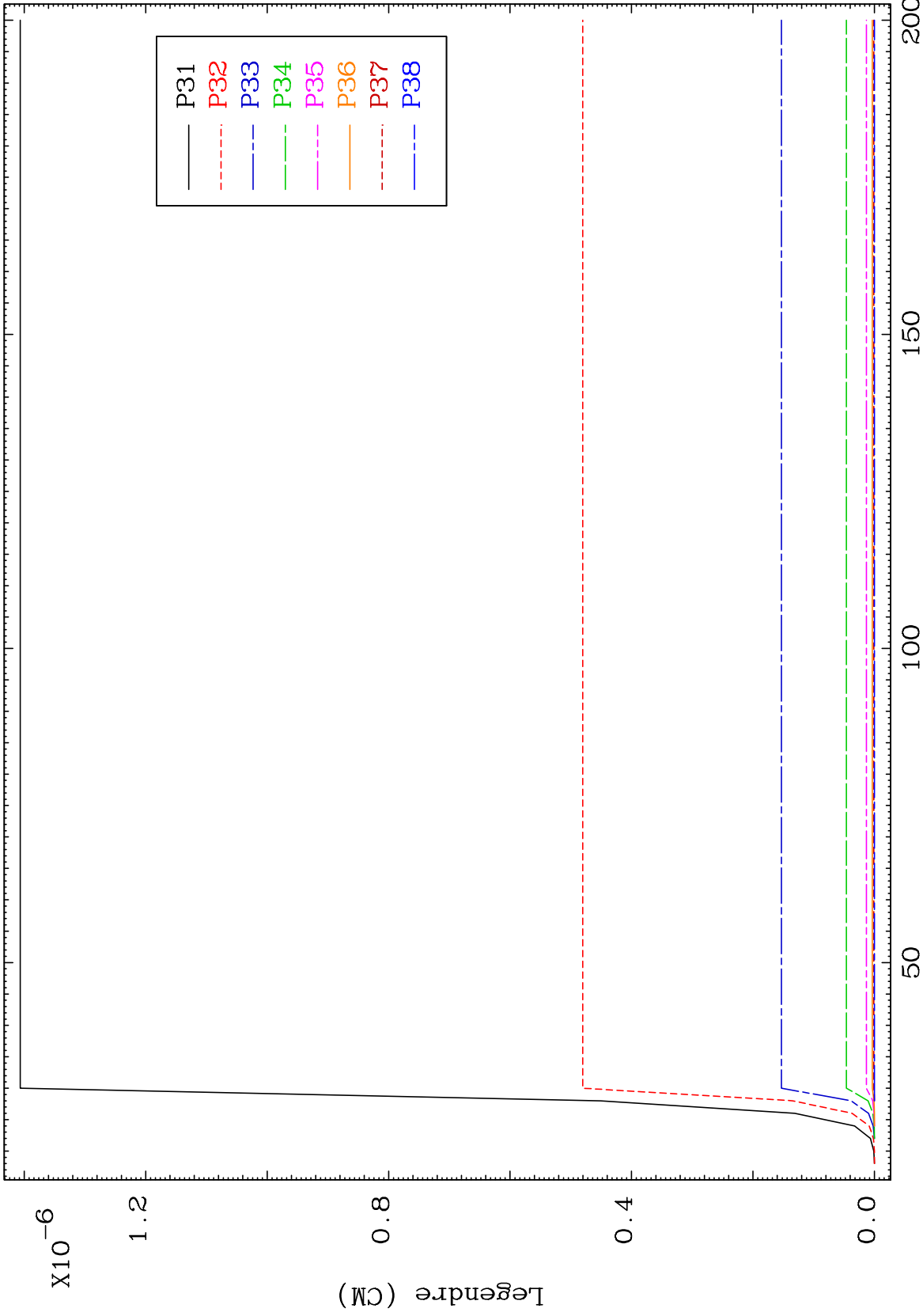
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



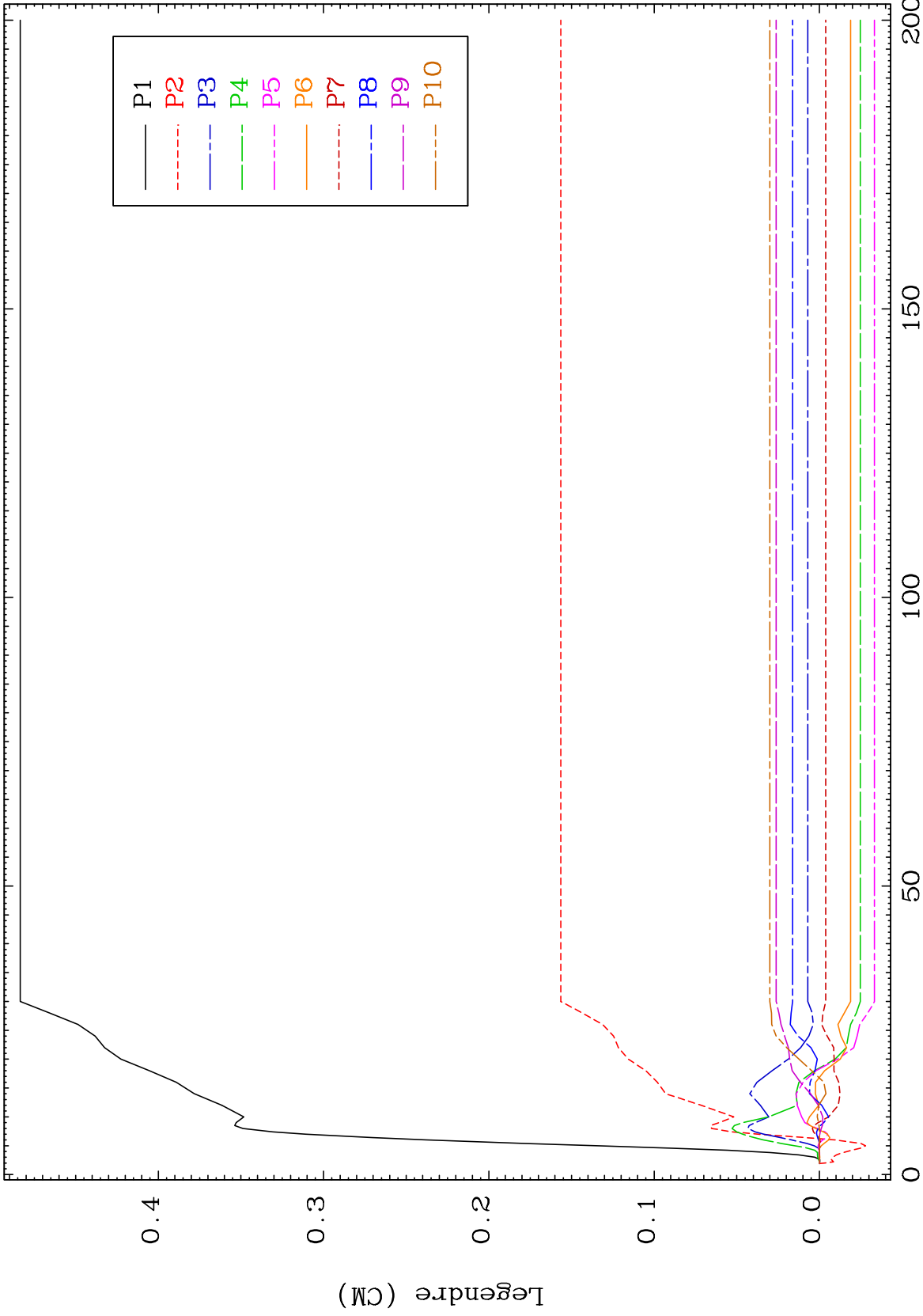
41

87-Fr-207

MAT 8710

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

87-Fr-207



42

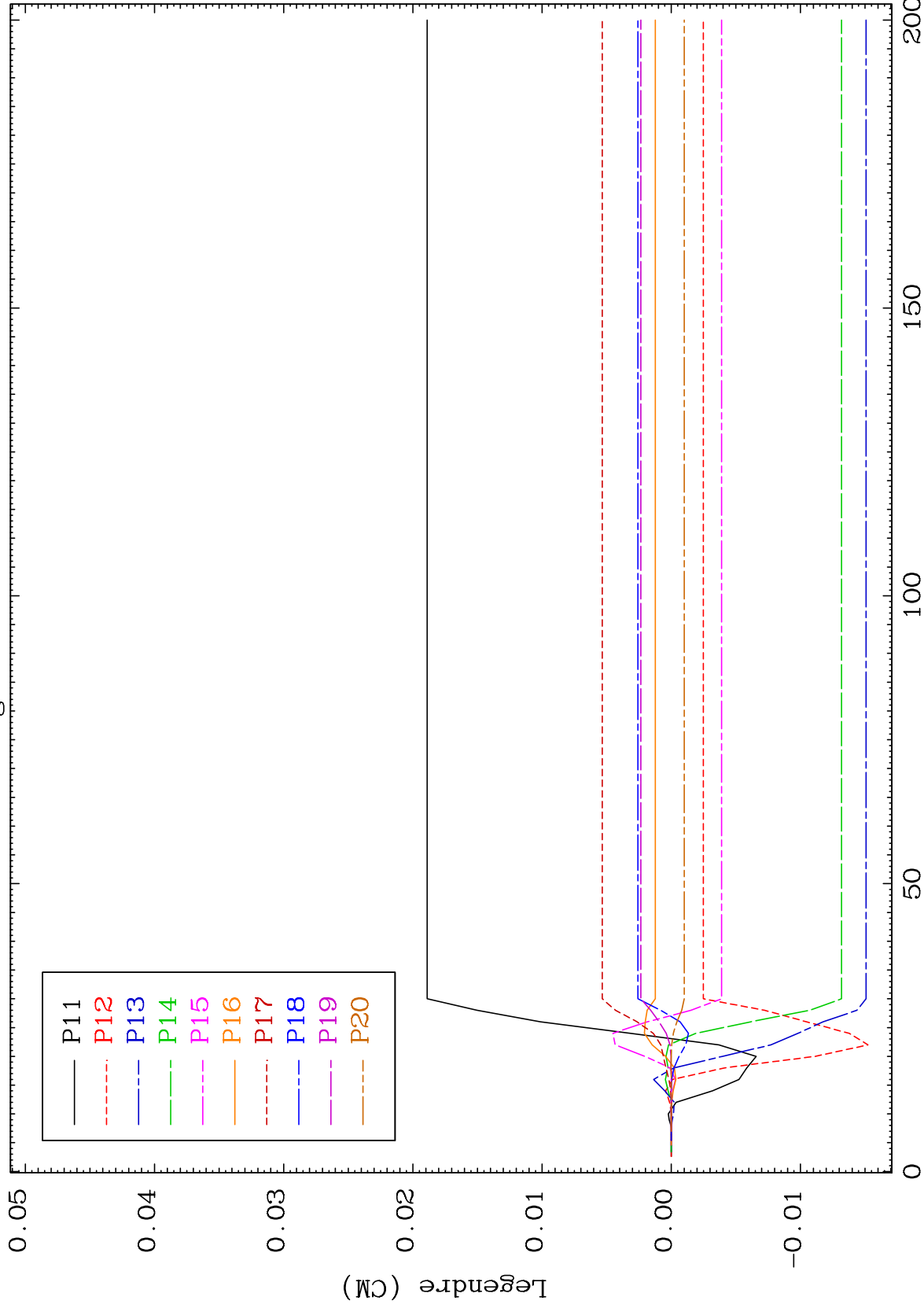
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



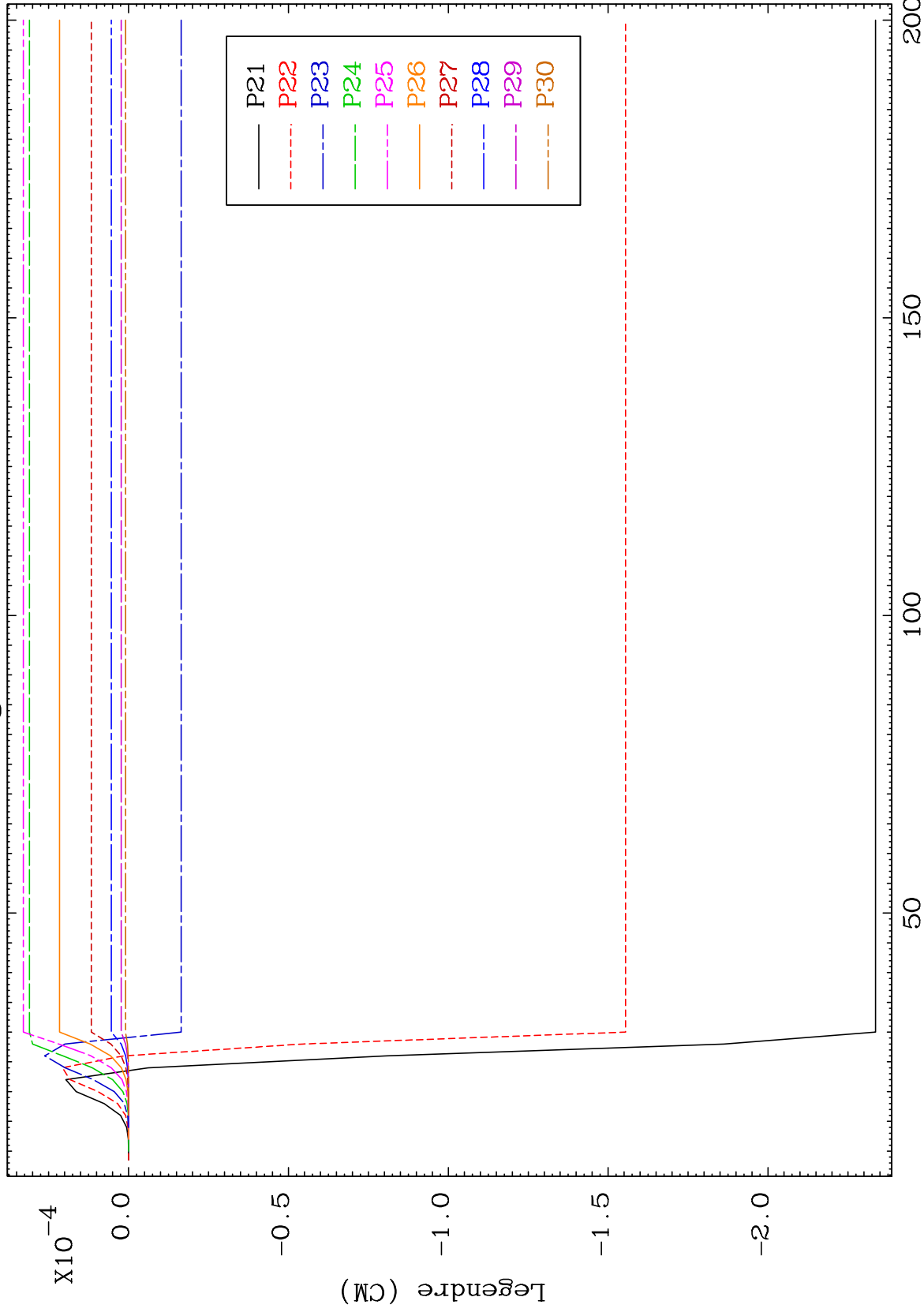
43

87-Fr-207

MAT 8710

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

87-Fr-207



44

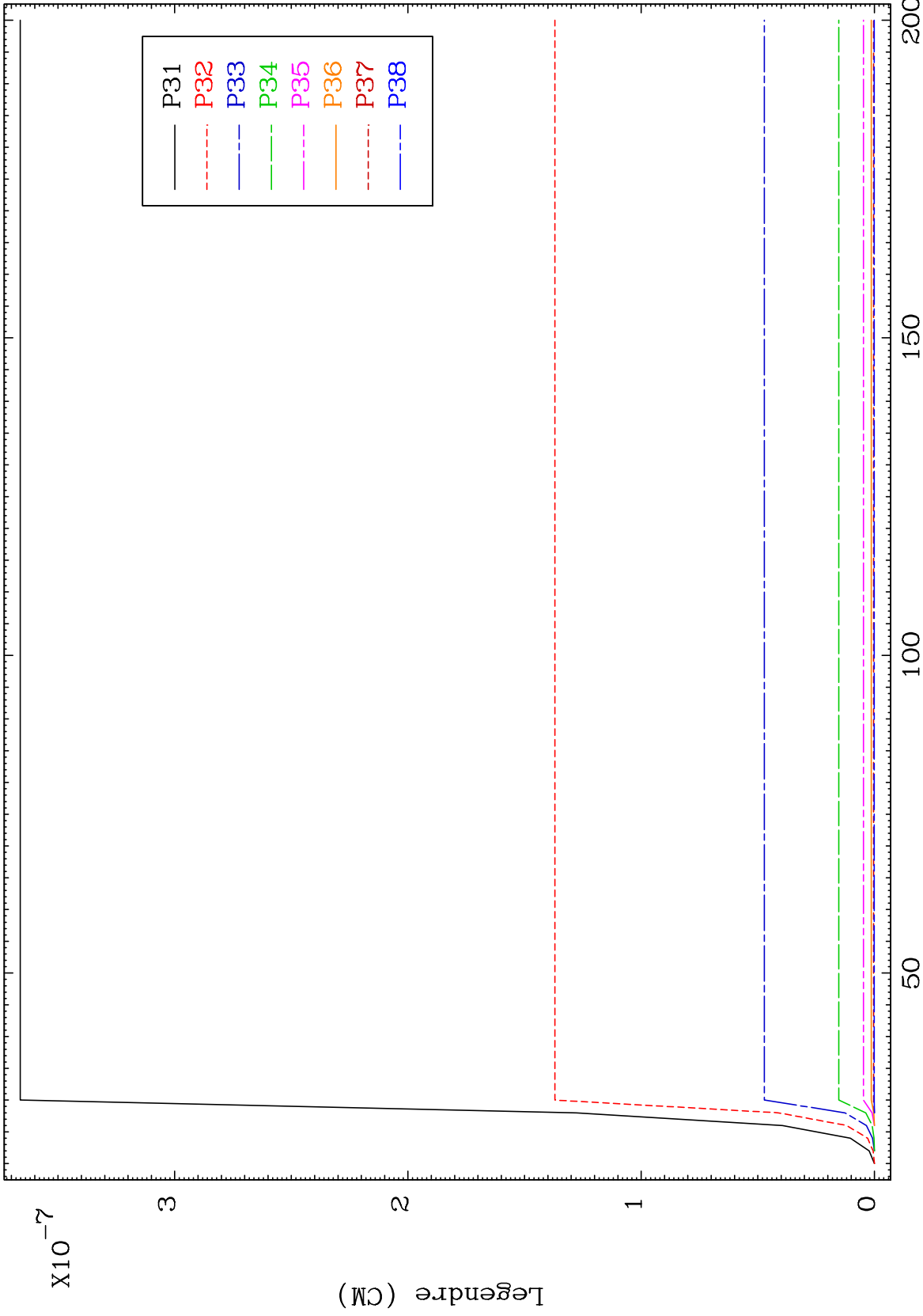
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



45

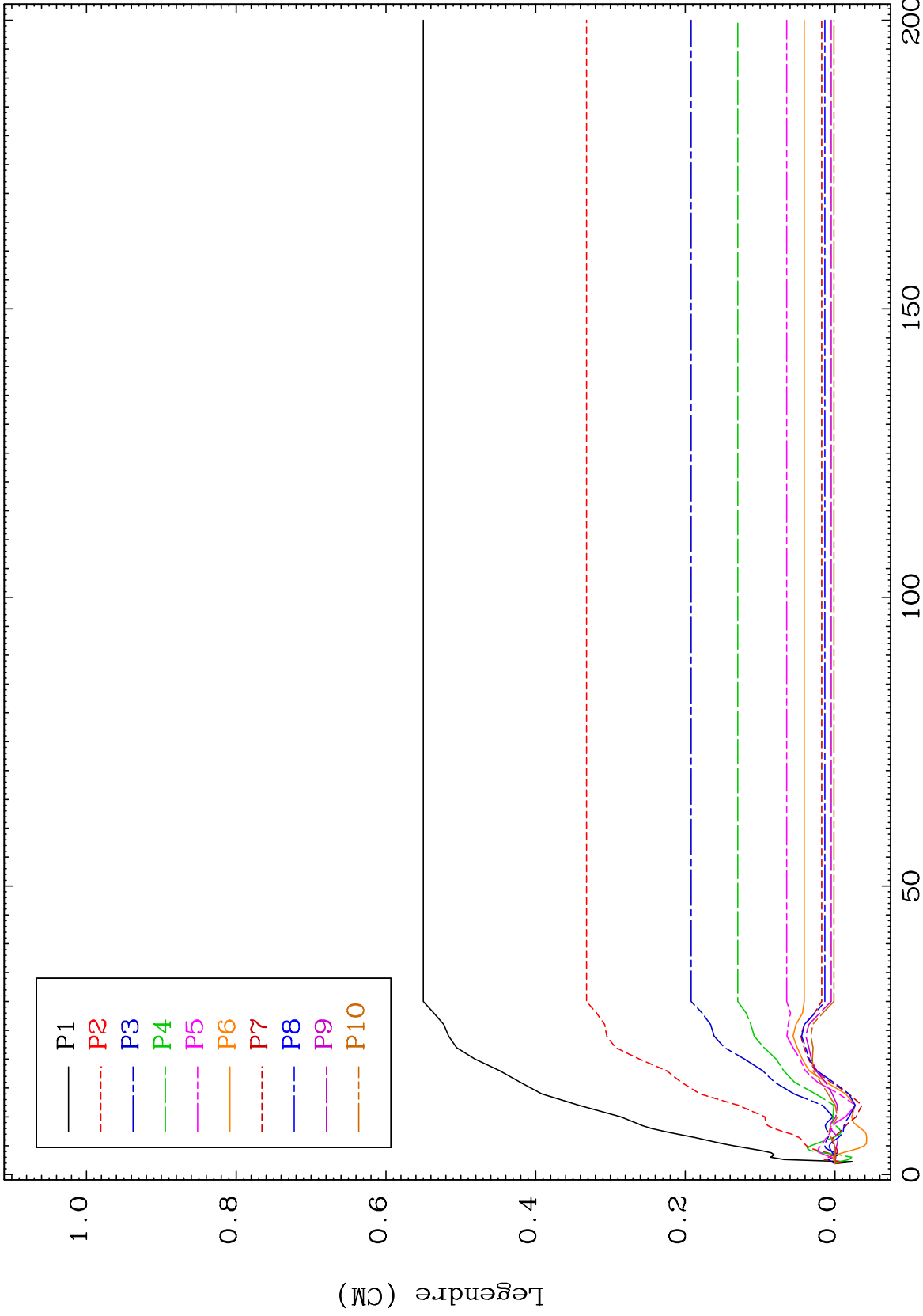
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



46

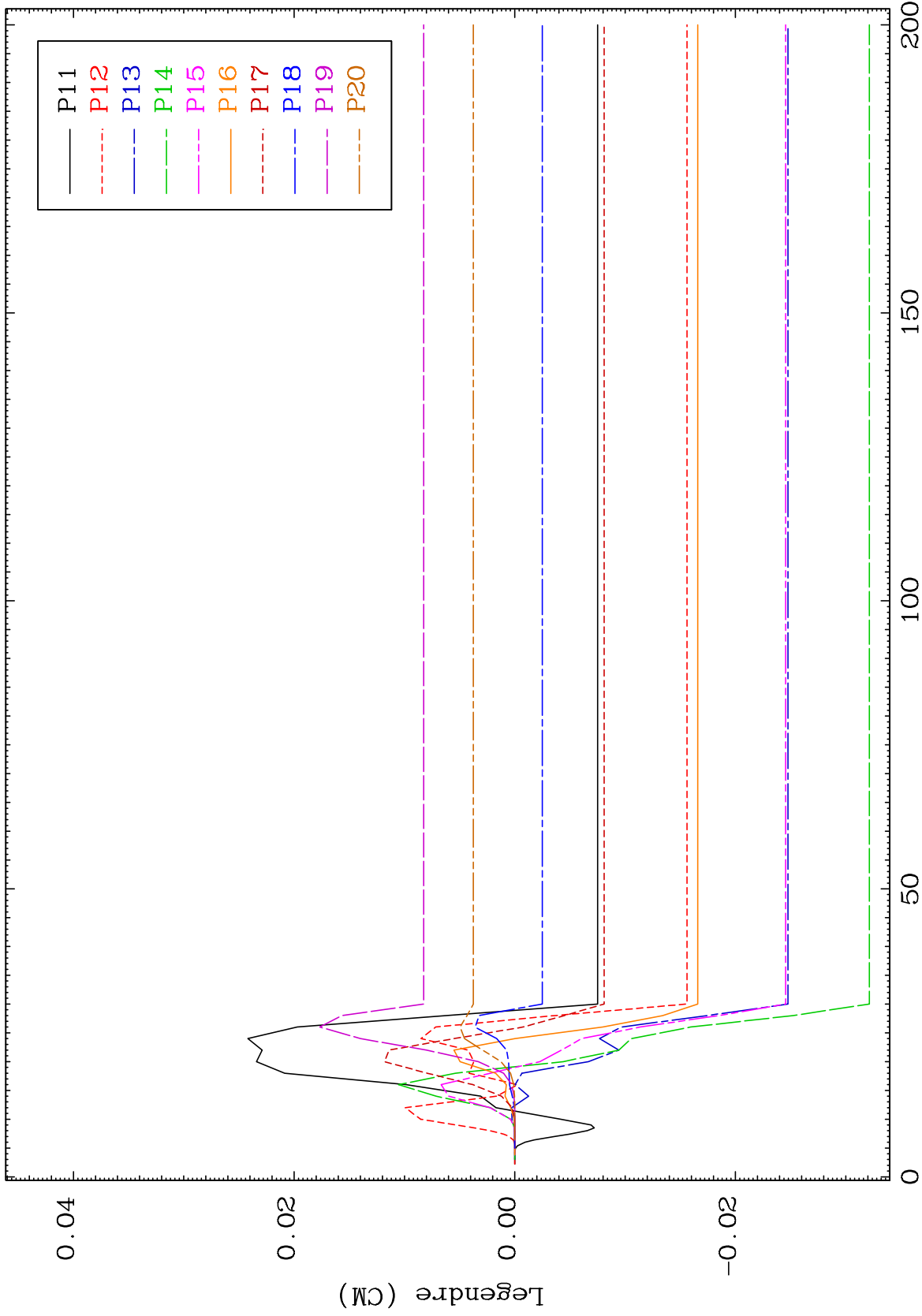
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



47

Incident Energy (MeV)

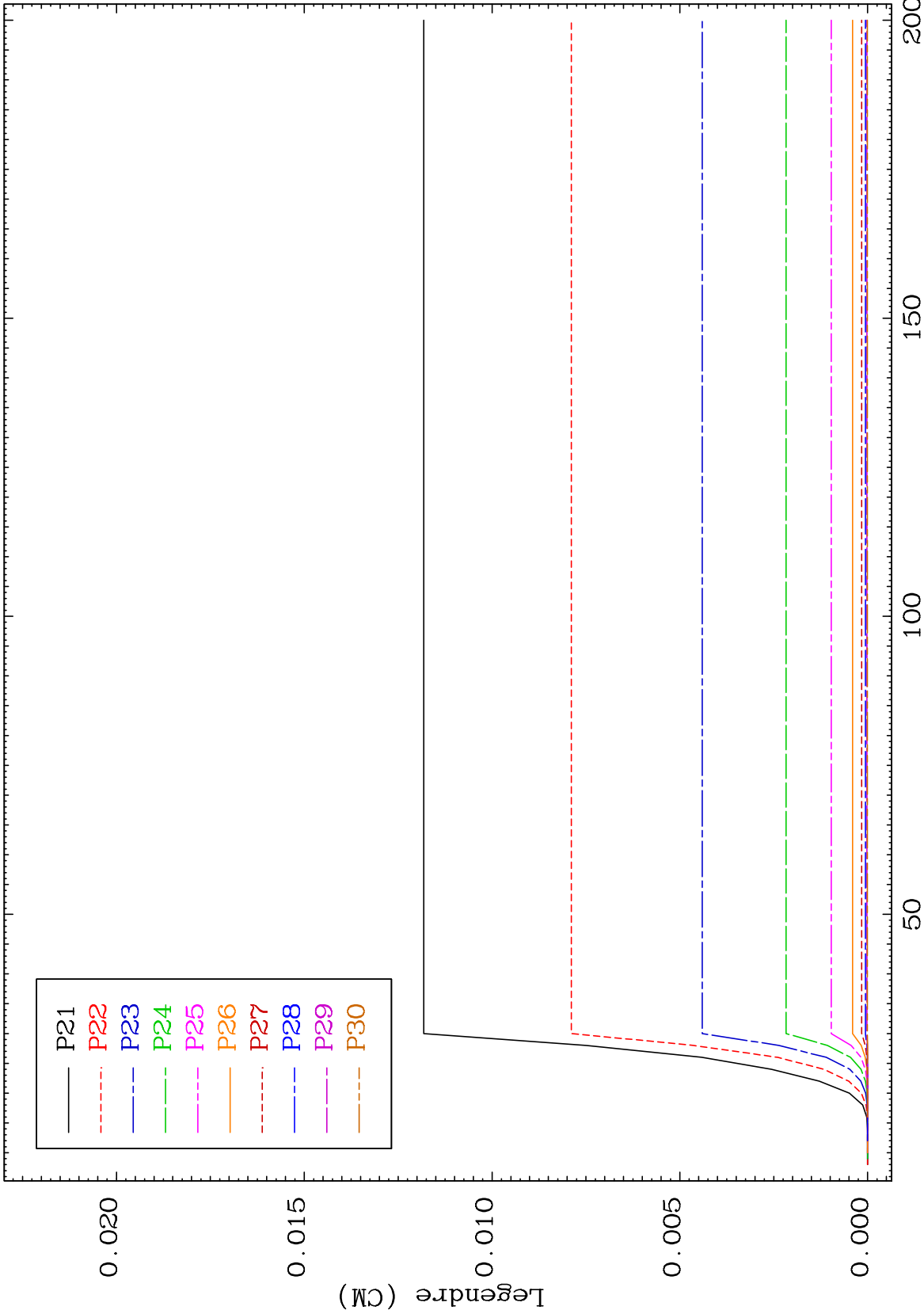
87-Fr-207



MAT 8710

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

87-Fr-207



48

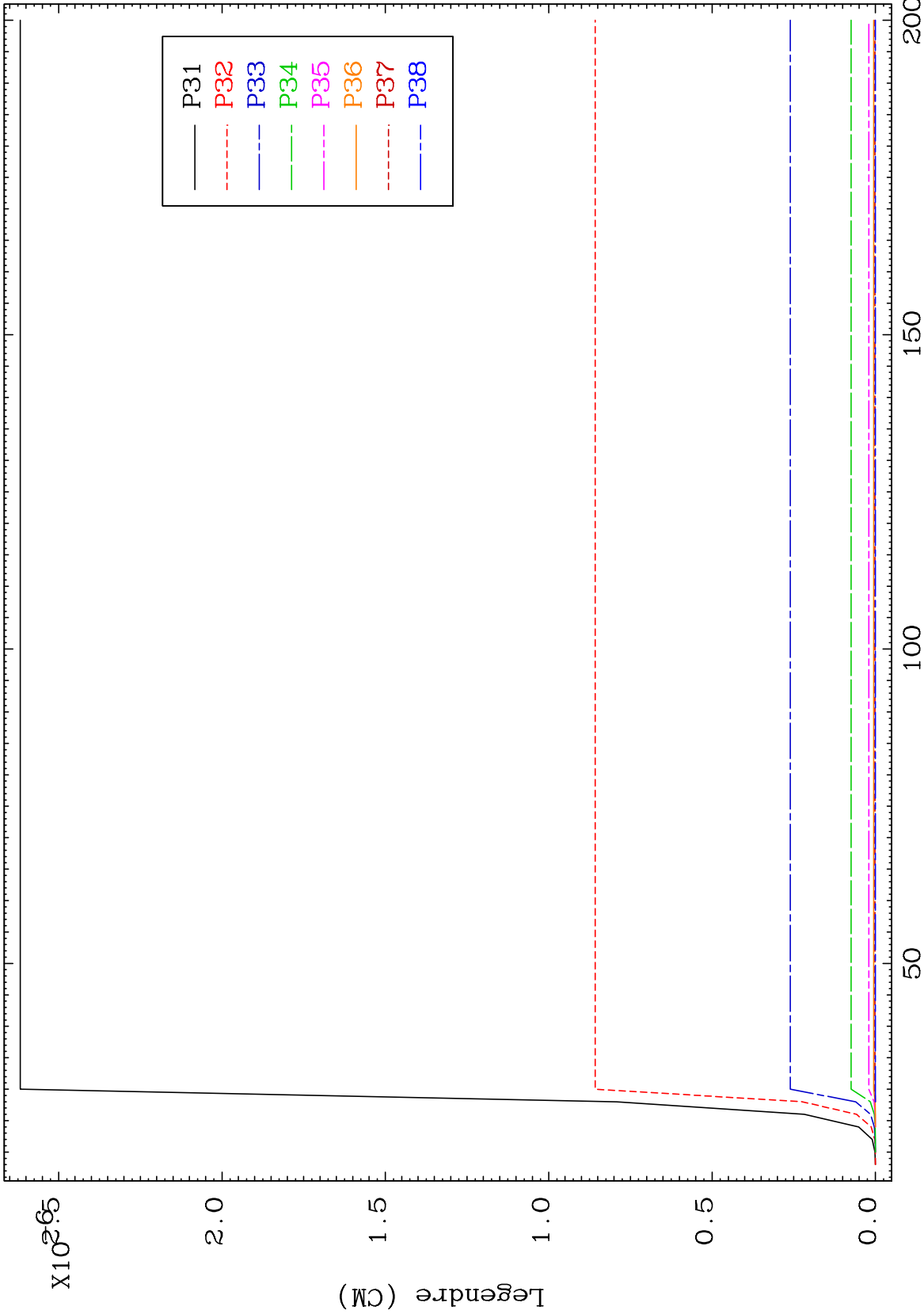
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



49

Incident Energy (MeV)

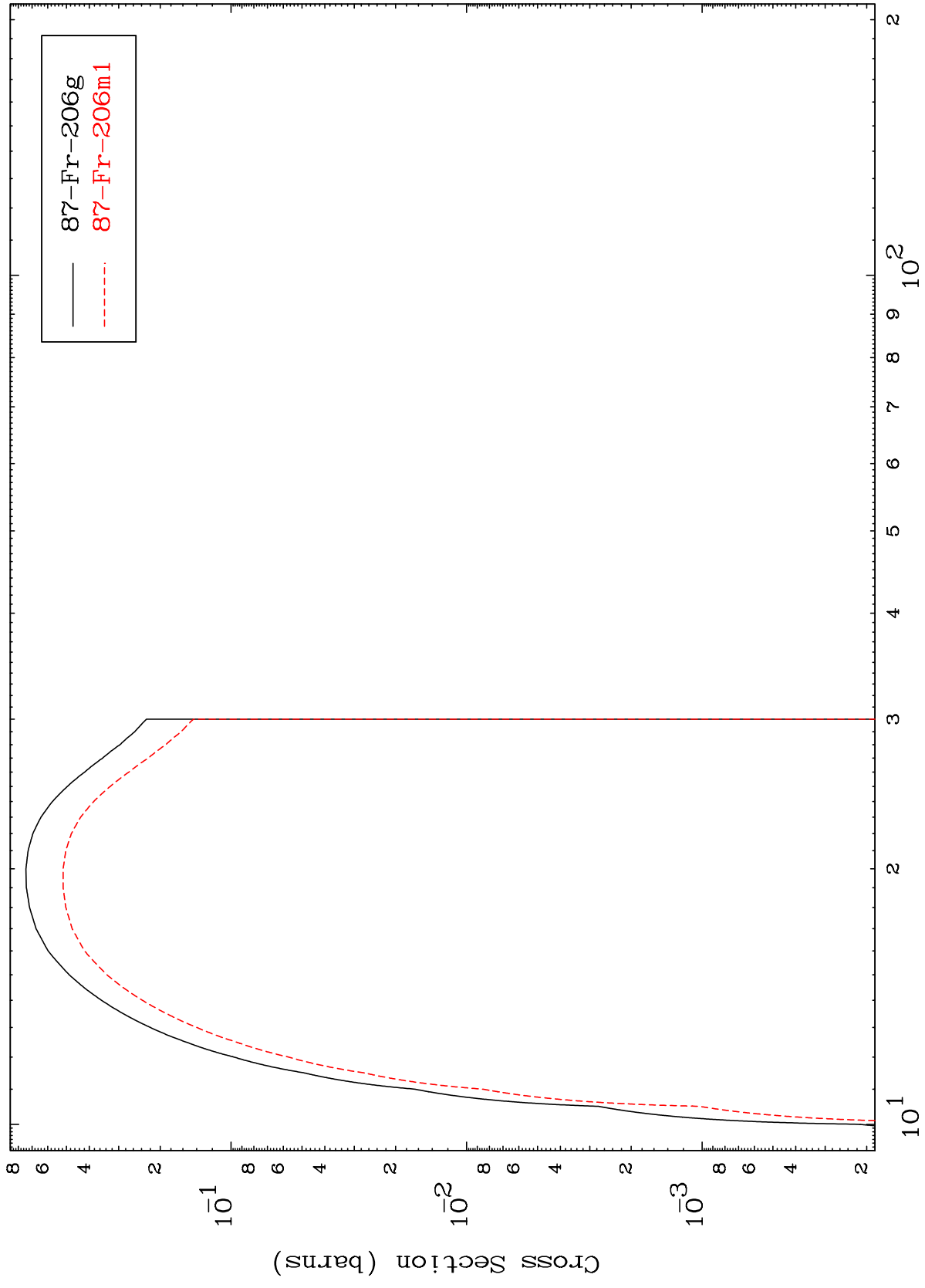
87-Fr-207

MAT 8710

(n,2n)

87-Fr-207

Radionuclide Production Cross Section



Incident Energy (MeV)

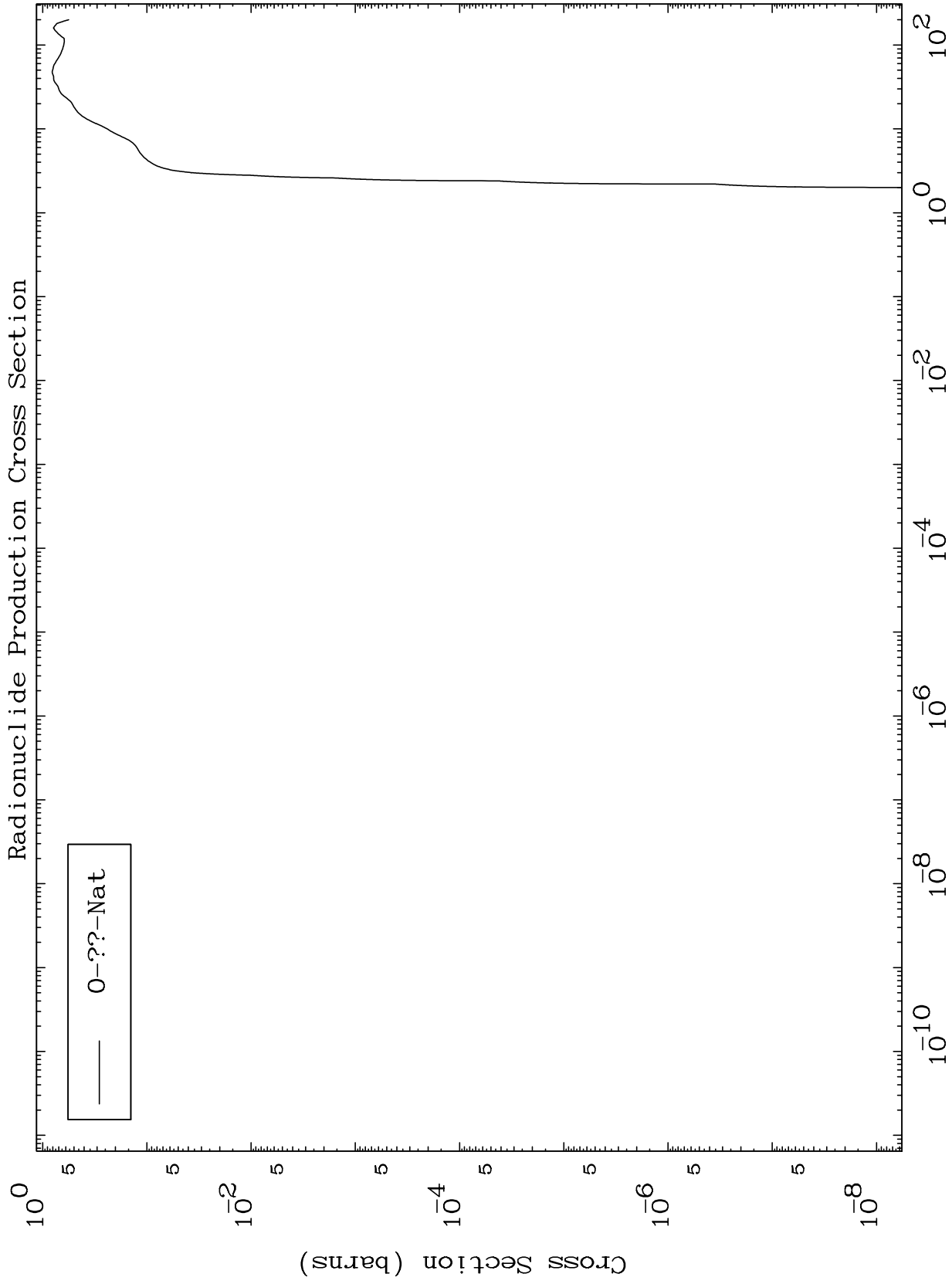
87-Fr-207

MAT 8710

Fission

87-Fr-207

Radionuclide Production Cross Section



51

Incident Energy (MeV)

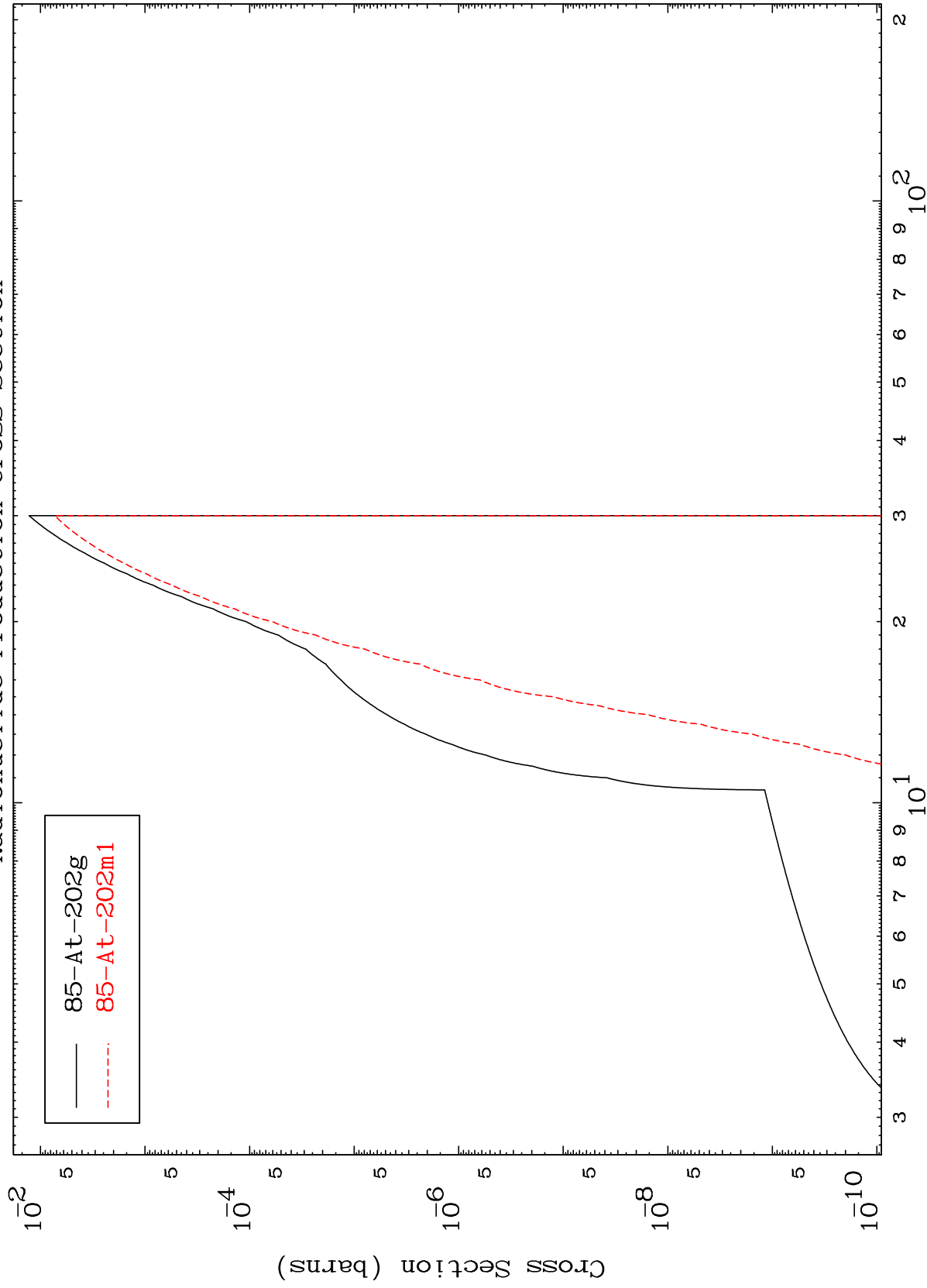
87-Fr-207

MAT 8710

(n,2n)  $\alpha$

87-Fr-207

Radionuclide Production Cross Section



52

Incident Energy (MeV)

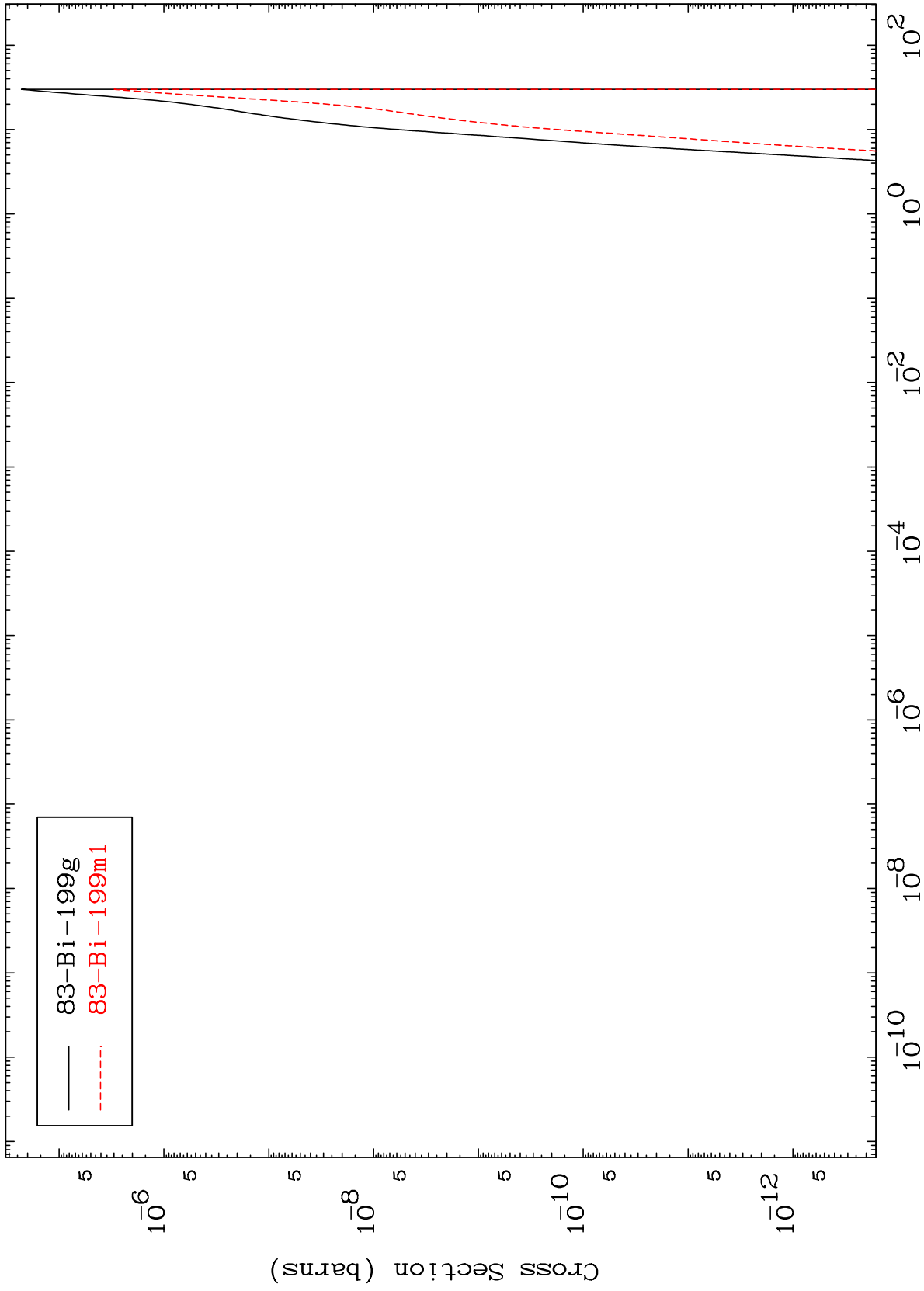
87-Fr-207

MAT 8710

(n,n') 2 $\alpha$

87-Fr-207

Radionuclide Production Cross Section



53

Incident Energy (MeV)

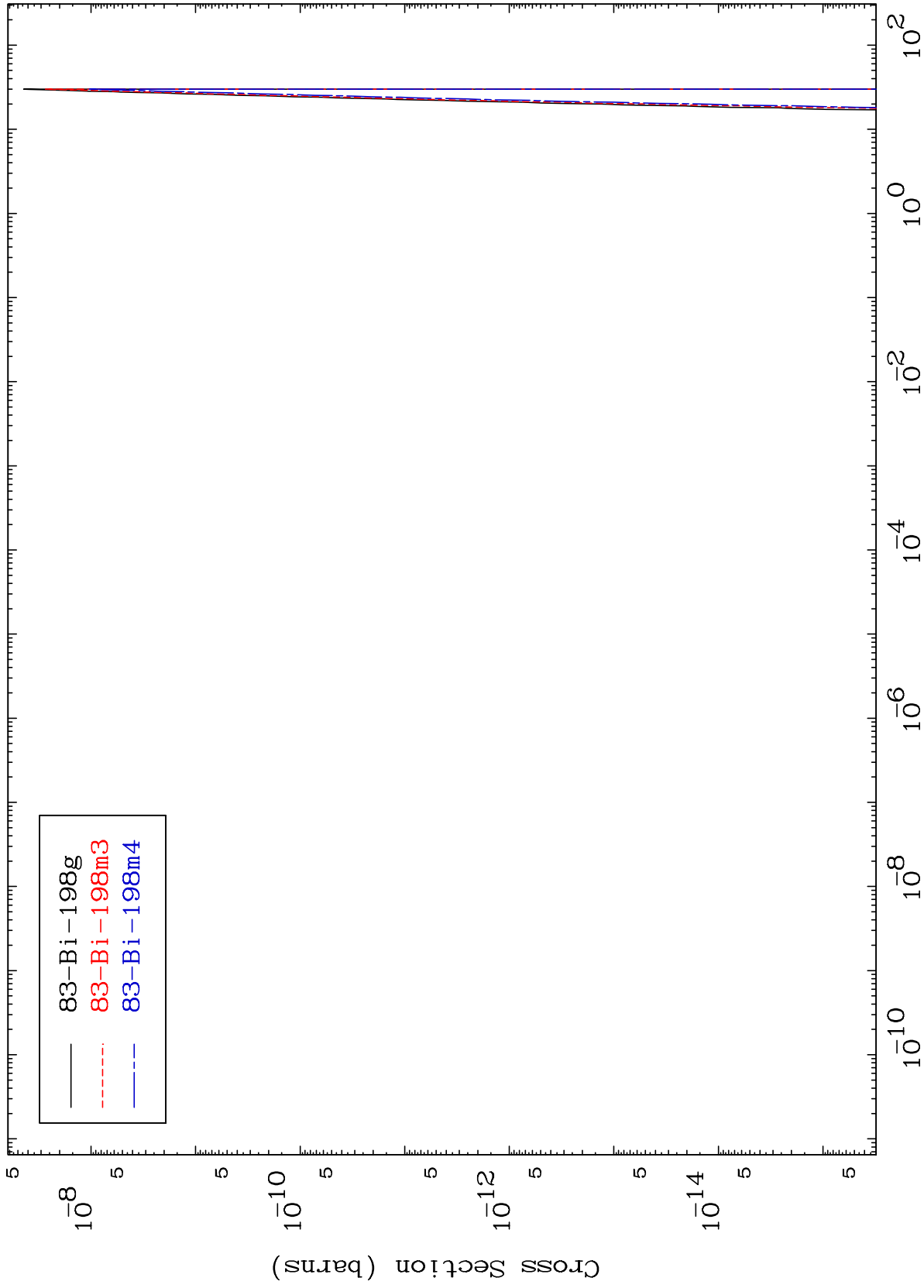
87-Fr-207

MAT 8710

(n,2n) 2 $\alpha$

87-Fr-207

Radionuclide Production Cross Section



54

Incident Energy (MeV)

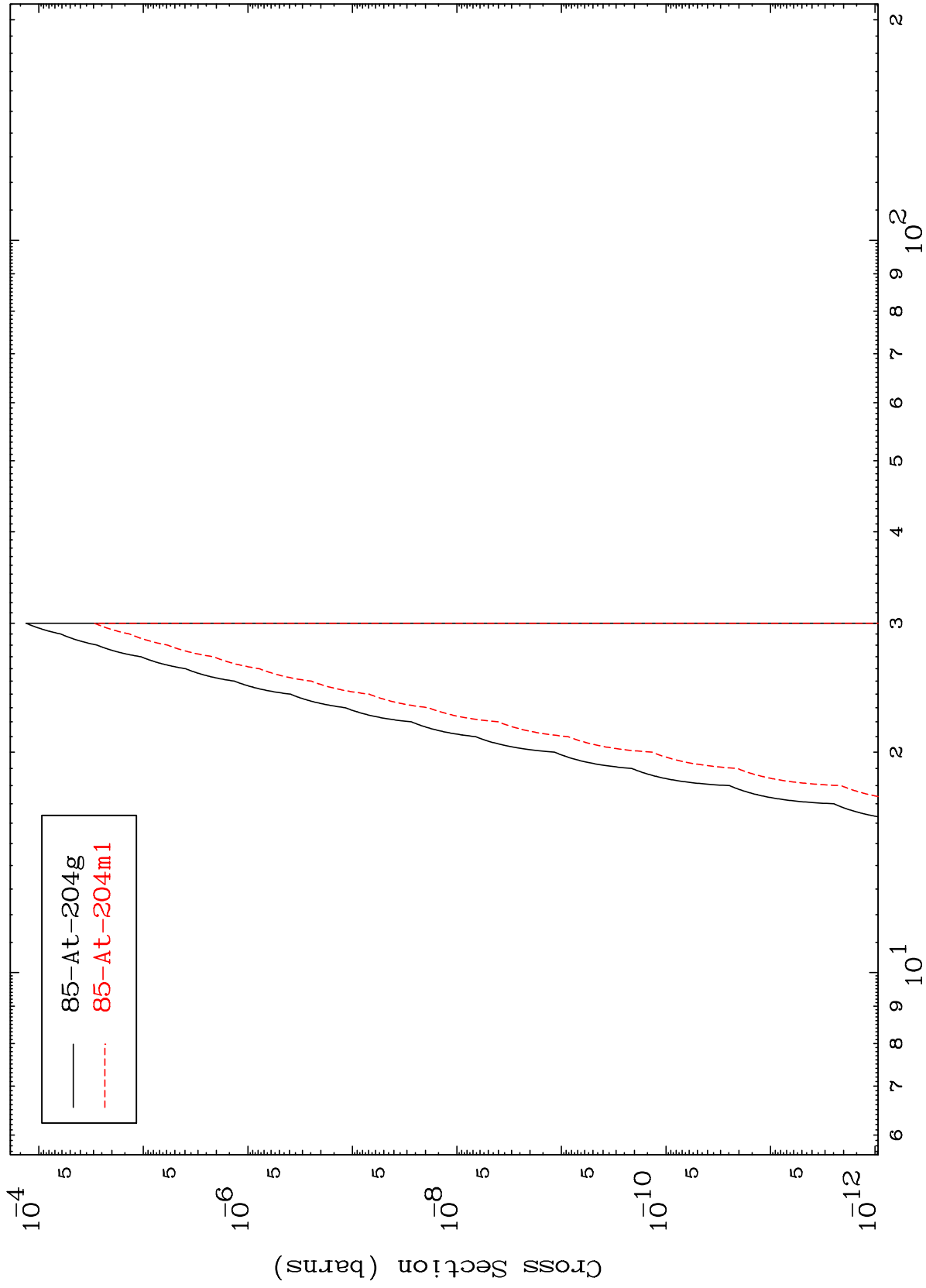
87-Fr-207

MAT 8710

(n, n') He-3

87-Fr-207

Radionuclide Production Cross Section



85-At-204g  
85-At-204m1

55

Incident Energy (MeV)

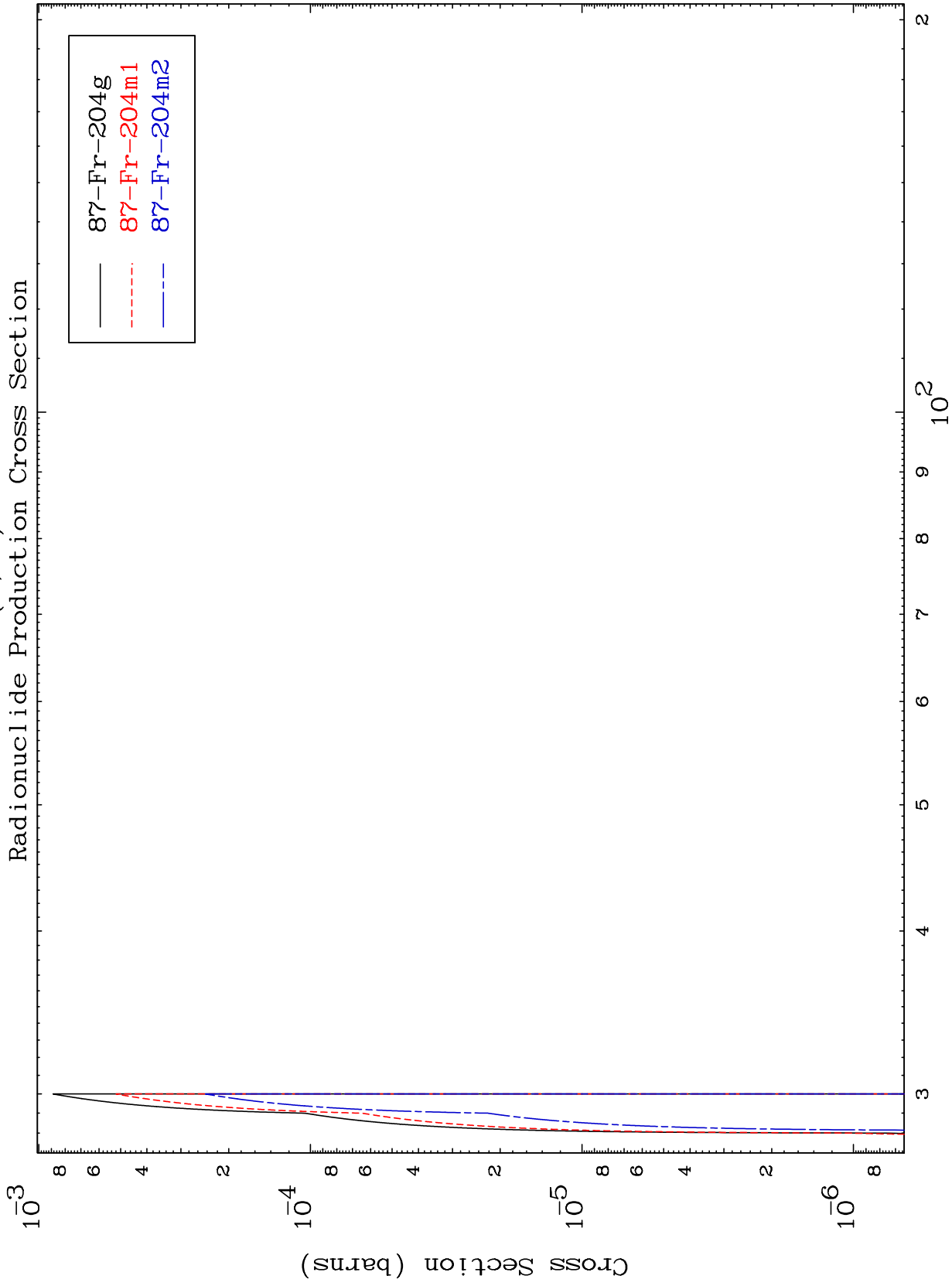
87-Fr-207



MAT 8710

87-Fr-207

(n,4n)  
Radionuclide Production Cross Section



56

87-Fr-207

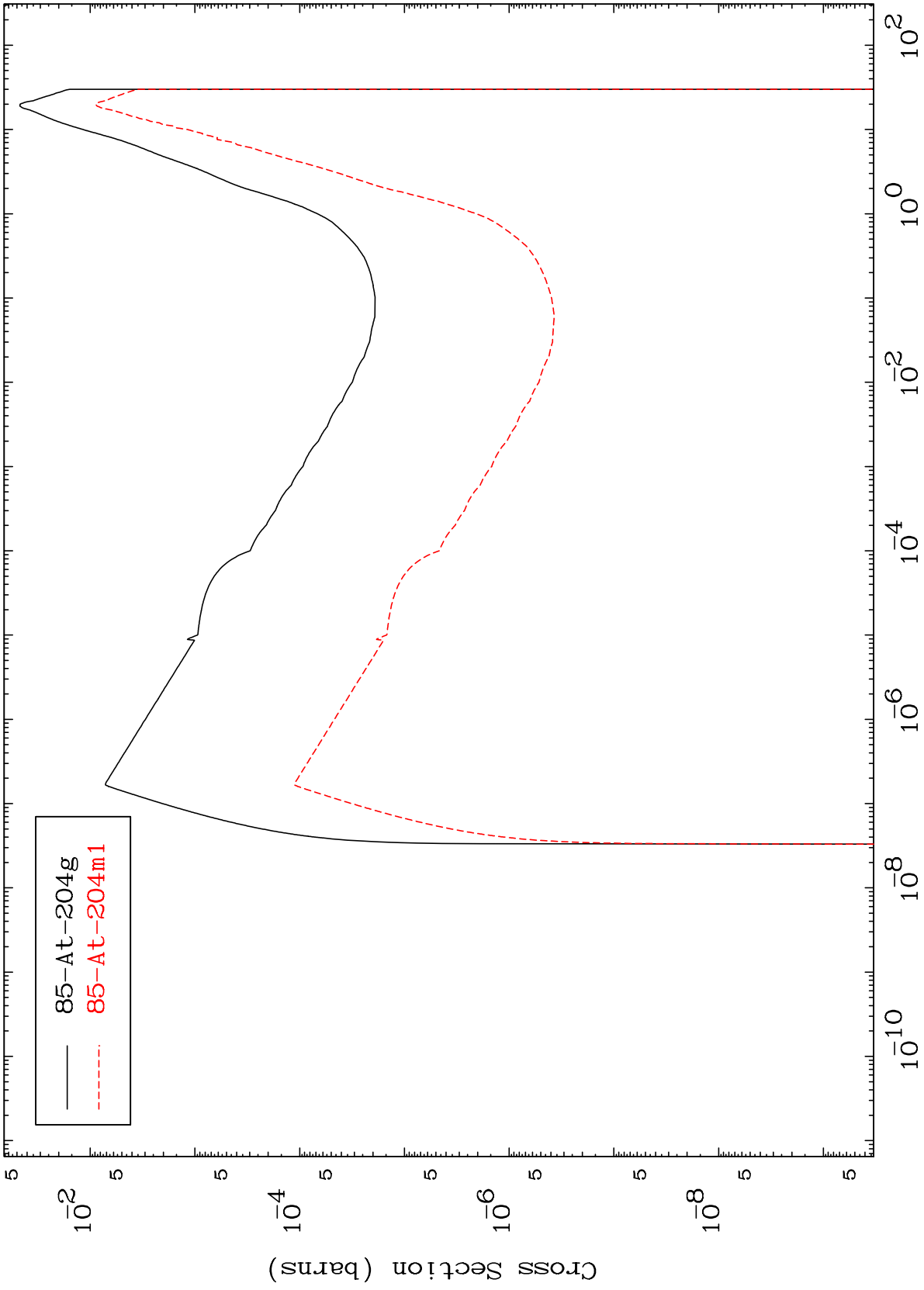
Incident Energy (MeV)

MAT 8710

(n,  $\alpha$ )

87-Fr-207

Radionuclide Production Cross Section



57

Incident Energy (MeV)

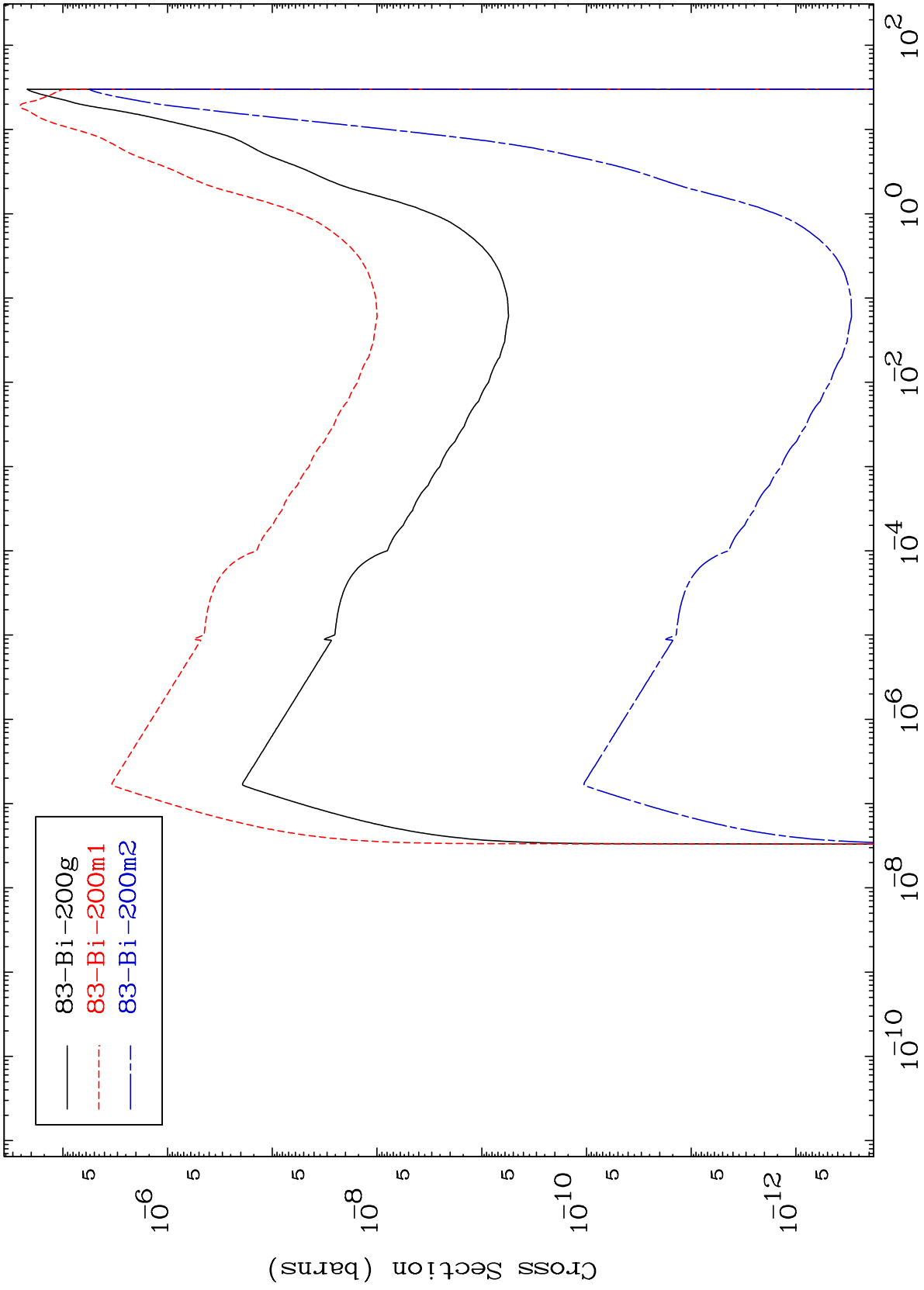
87-Fr-207

MAT 8710

(n,2α)

87-Fr-207

Radionuclide Production Cross Section



58

Incident Energy (MeV)

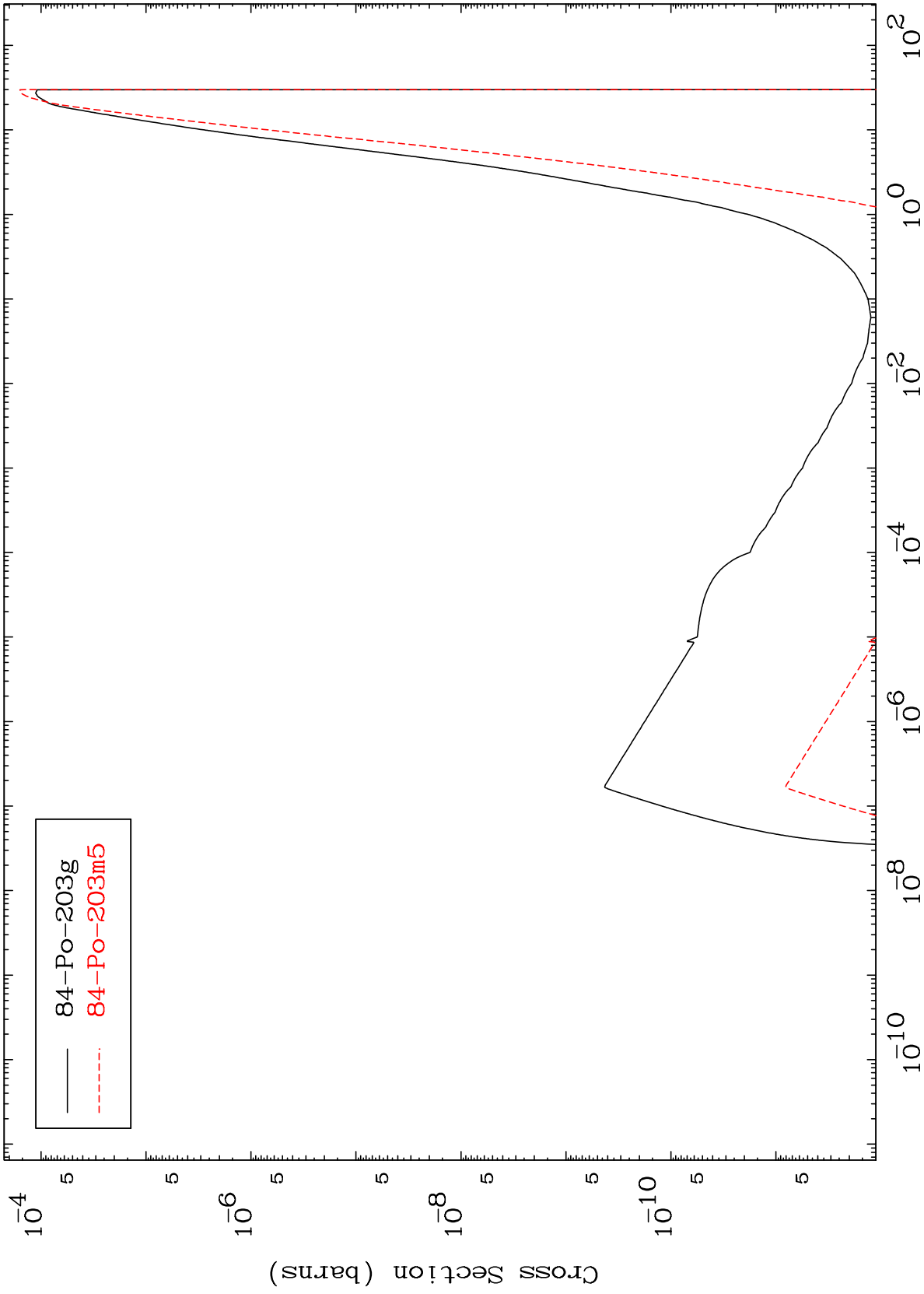
87-Fr-207

MAT 8710

(n,p)  $\alpha$

87-Fr-207

Radionuclide Production Cross Section



84-Po-203g  
84-Po-203m5

59

Incident Energy (MeV)

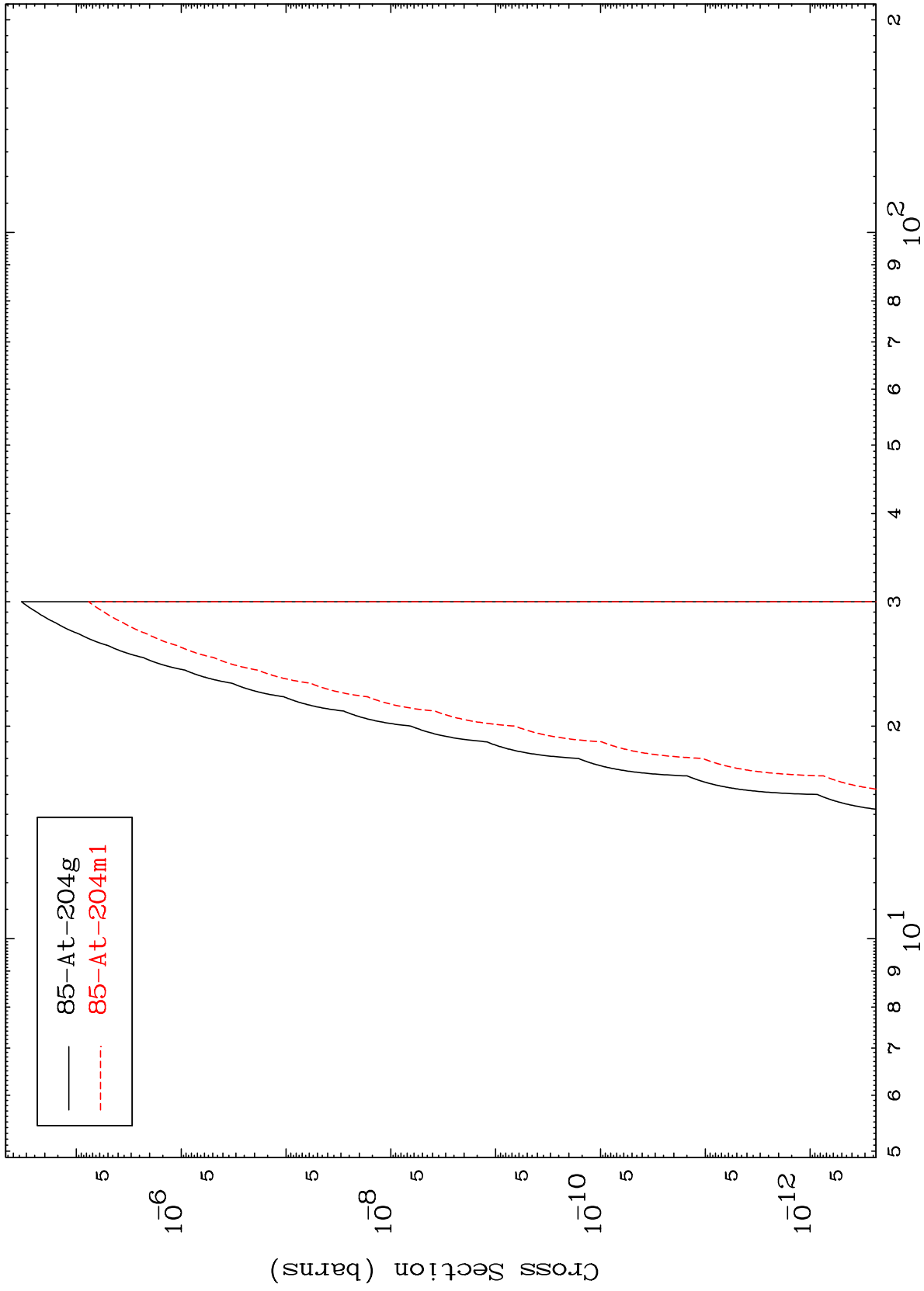
87-Fr-207

MAT 8710

(n,p) t

87-Fr-207

Radionuclide Production Cross Section



60

Incident Energy (MeV)

87-Fr-207