

Program EVALPLOT  
(Version 2017-1)

by

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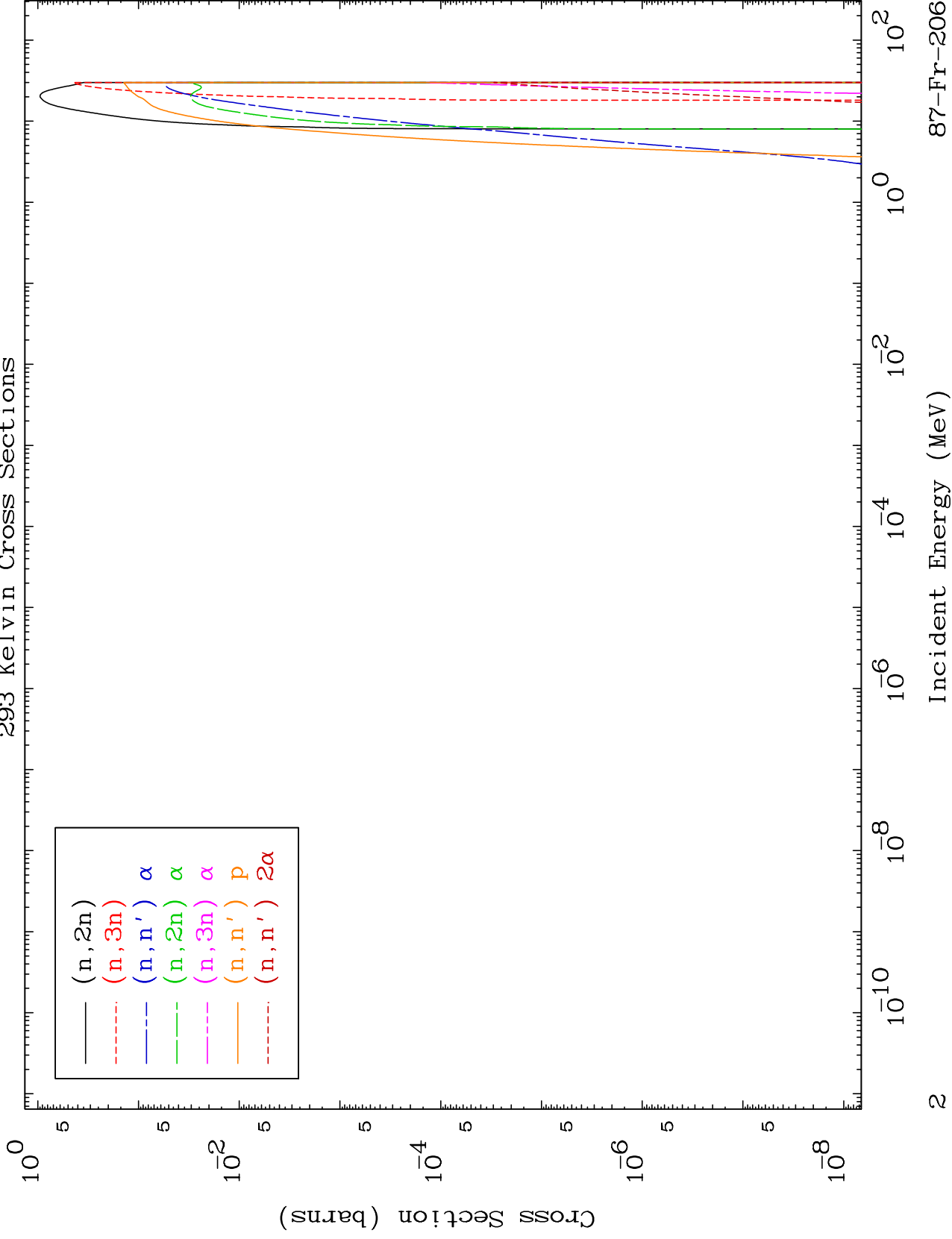
Press Mouse Button to Start



MAT 8707

Neutron Production  
293 Kelvin Cross Sections

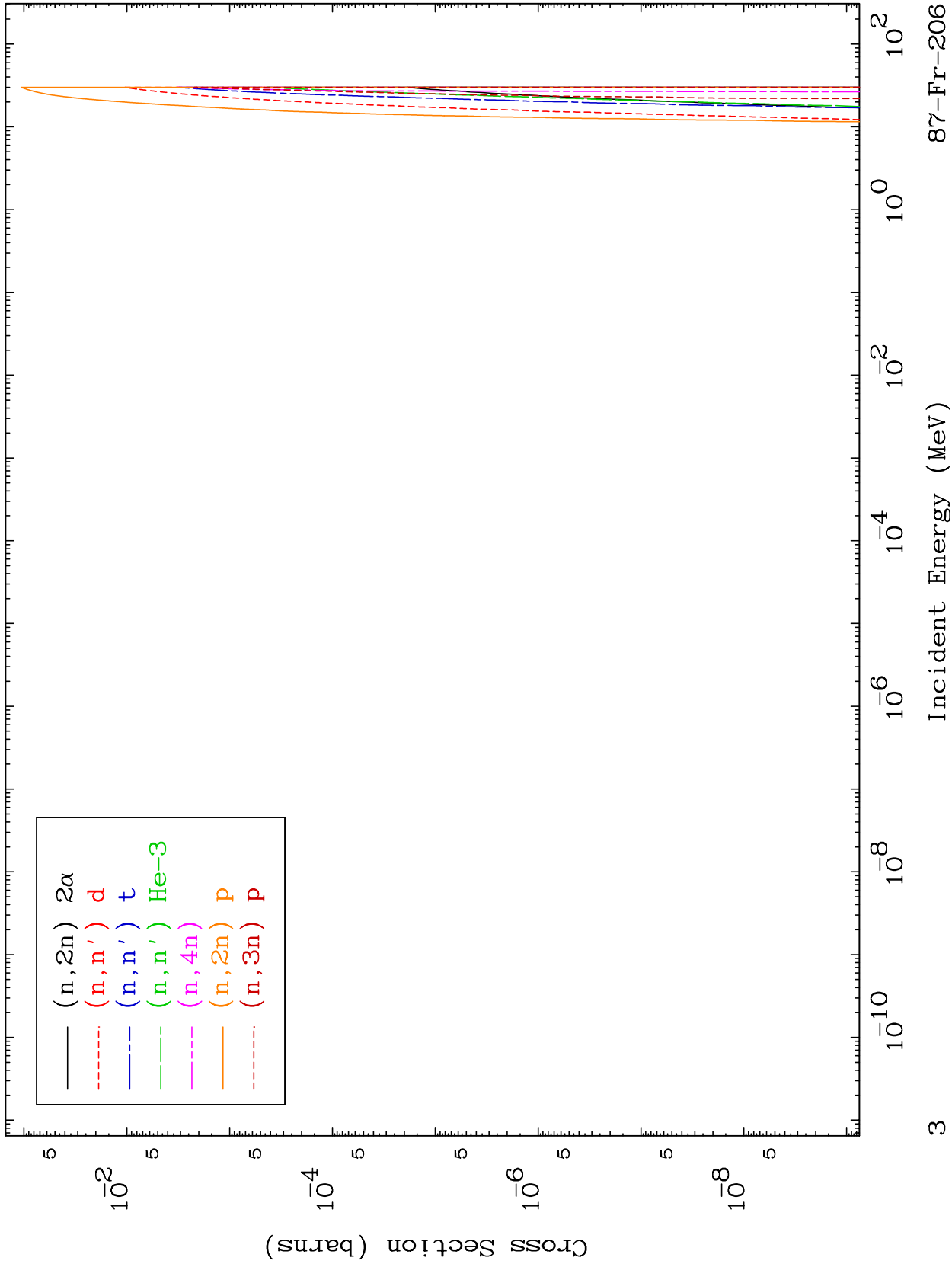
87-Fr-206



MAT 8707

Neutron Production  
293 Kelvin Cross Sections

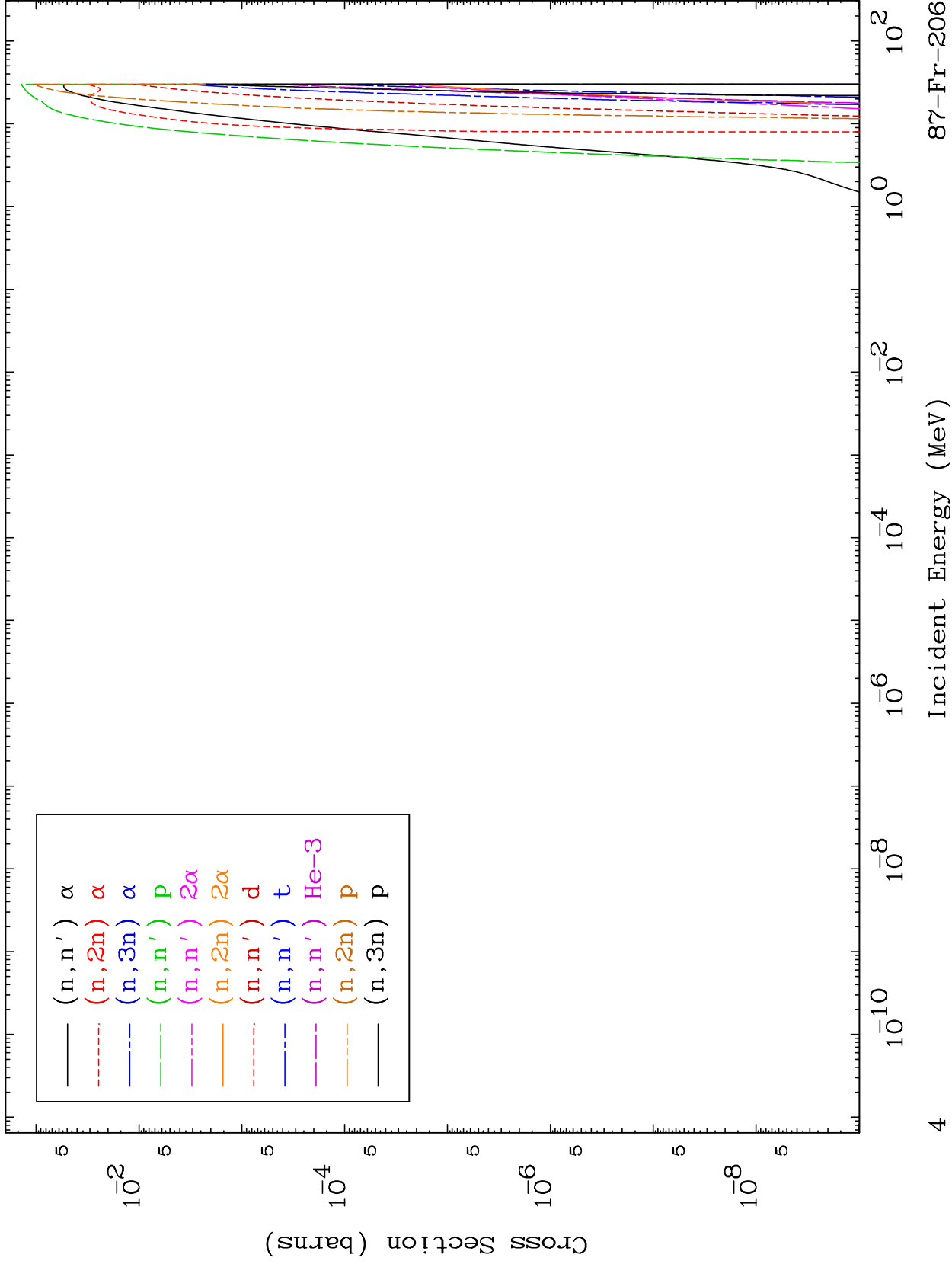
87-Fr-206



MAT 8707

Charged Particle  
293 Kelvin Cross Sections

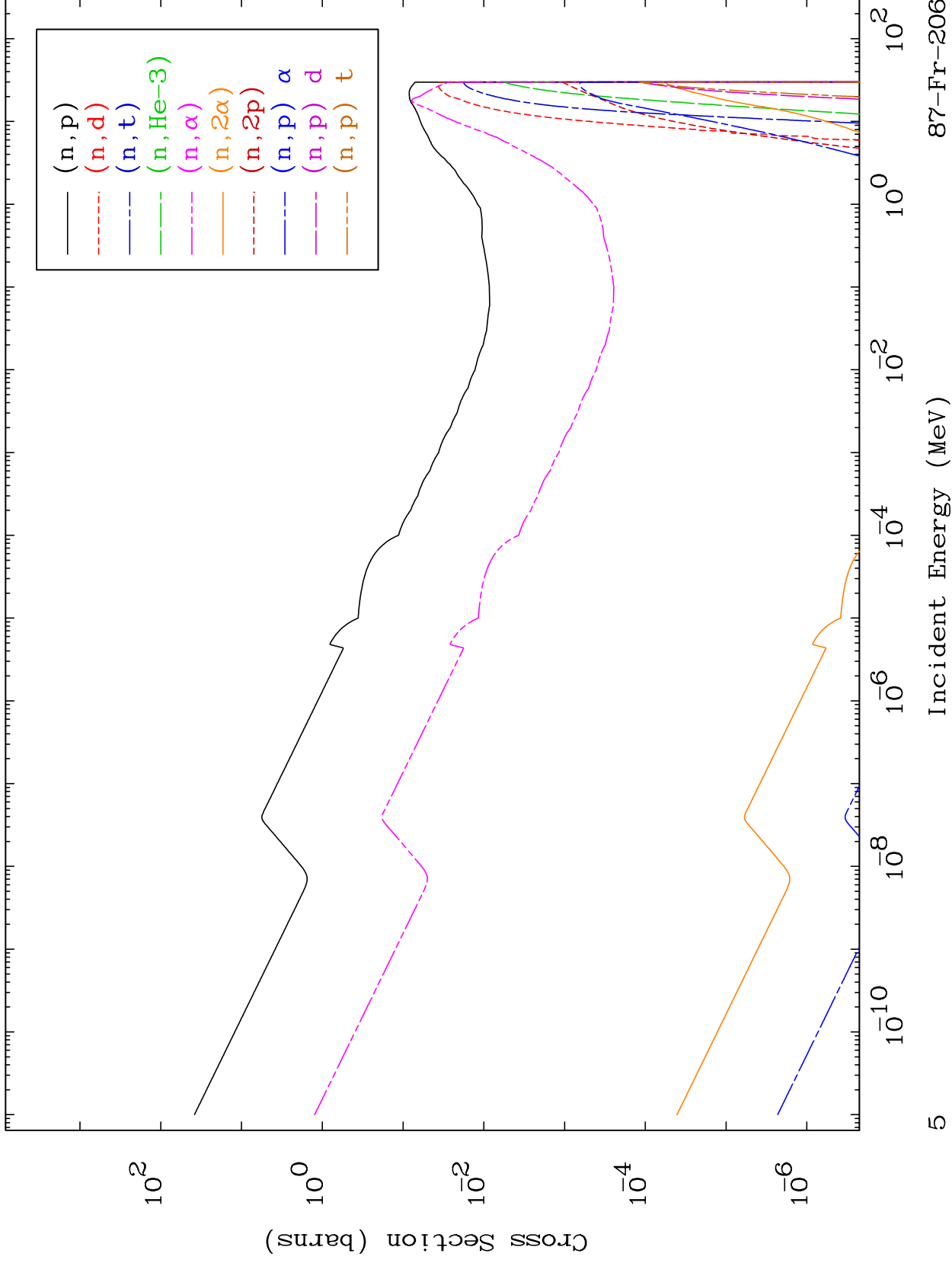
87-Fr-206



MAT 8707

Charged Particle  
293 Kelvin Cross Sections

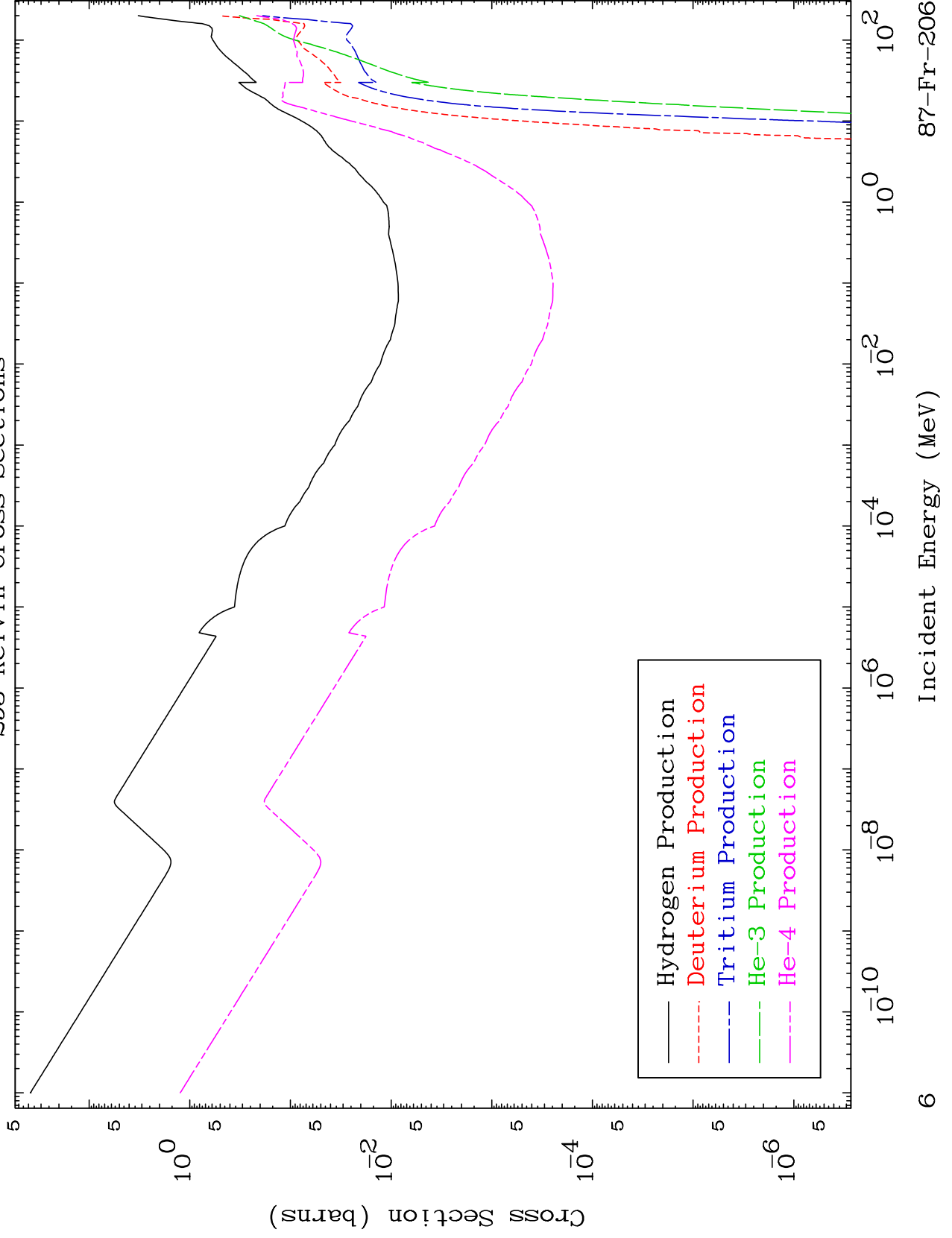
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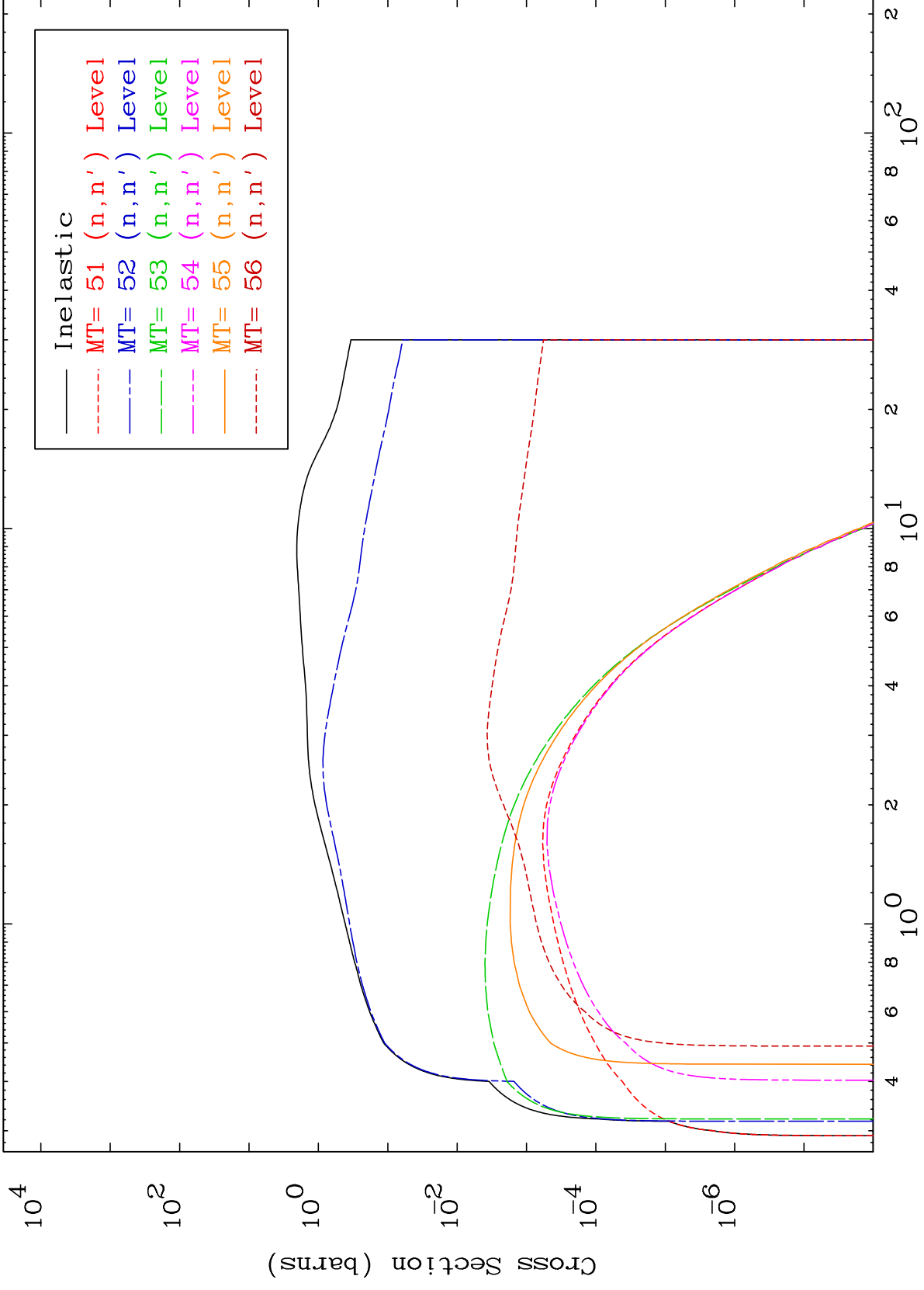


MAT 8707

Particle Production  
293 Kelvin Cross Sections

87-Fr-206





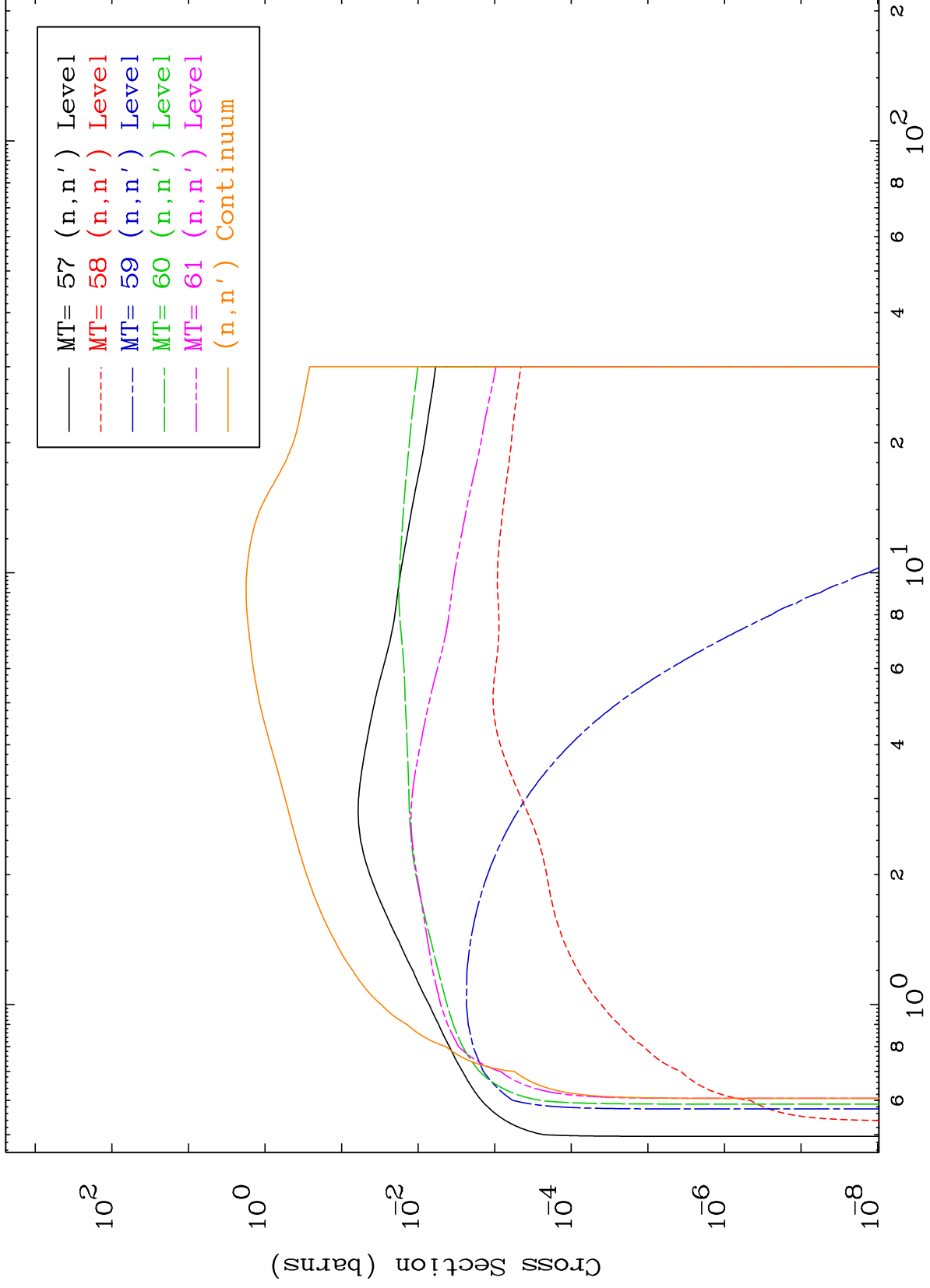


MAT 8707

(n,n') Level

87-Fr-206

293 Kelvin Cross Sections



8

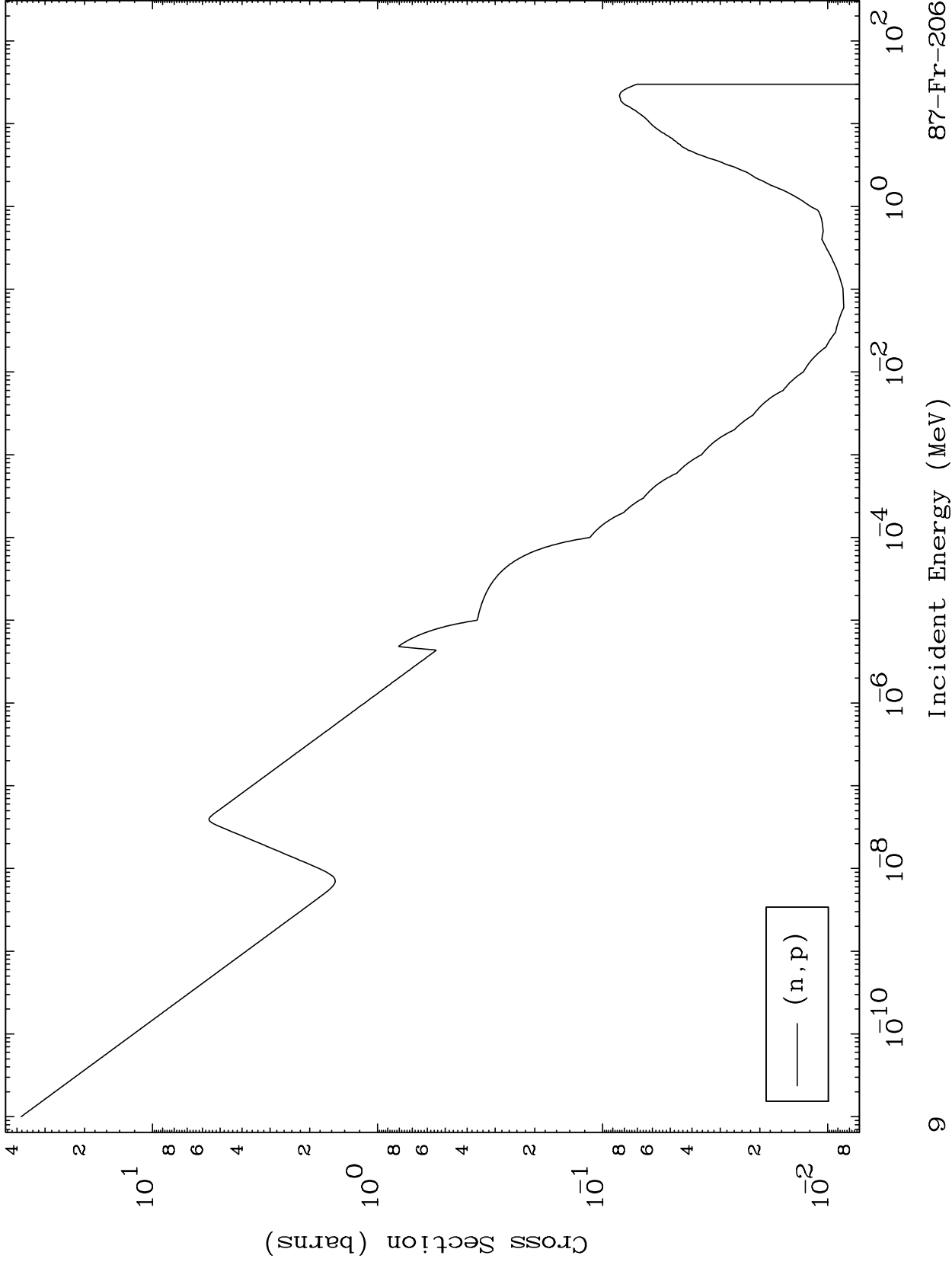
Incident Energy (MeV)

87-Fr-206

MAT 8707

(n,p) Levels  
293 Kelvin Cross Sections

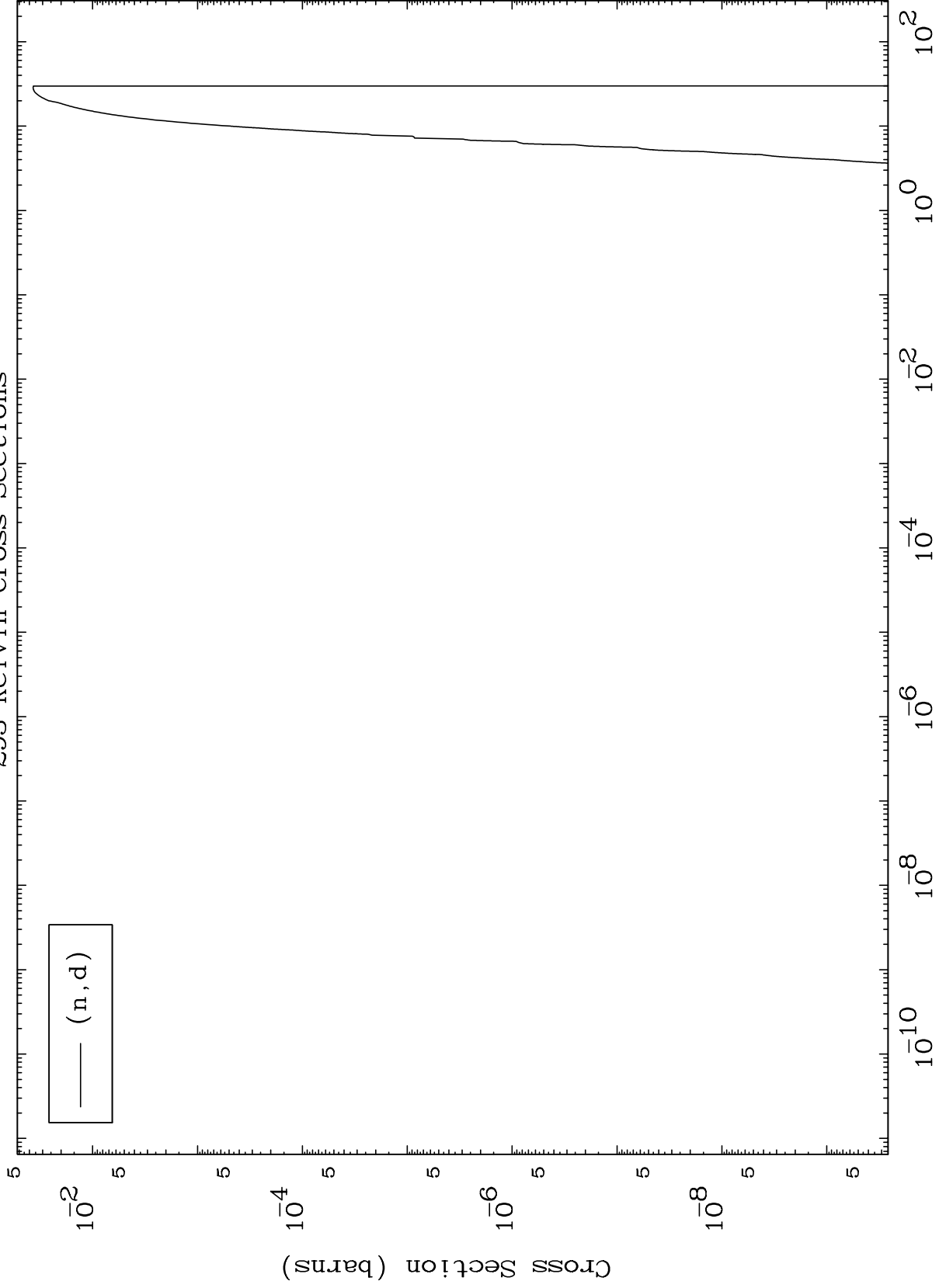
87-Fr-206



MAT 8707

(n,d) Levels  
293 Kelvin Cross Sections

87-Fr-206



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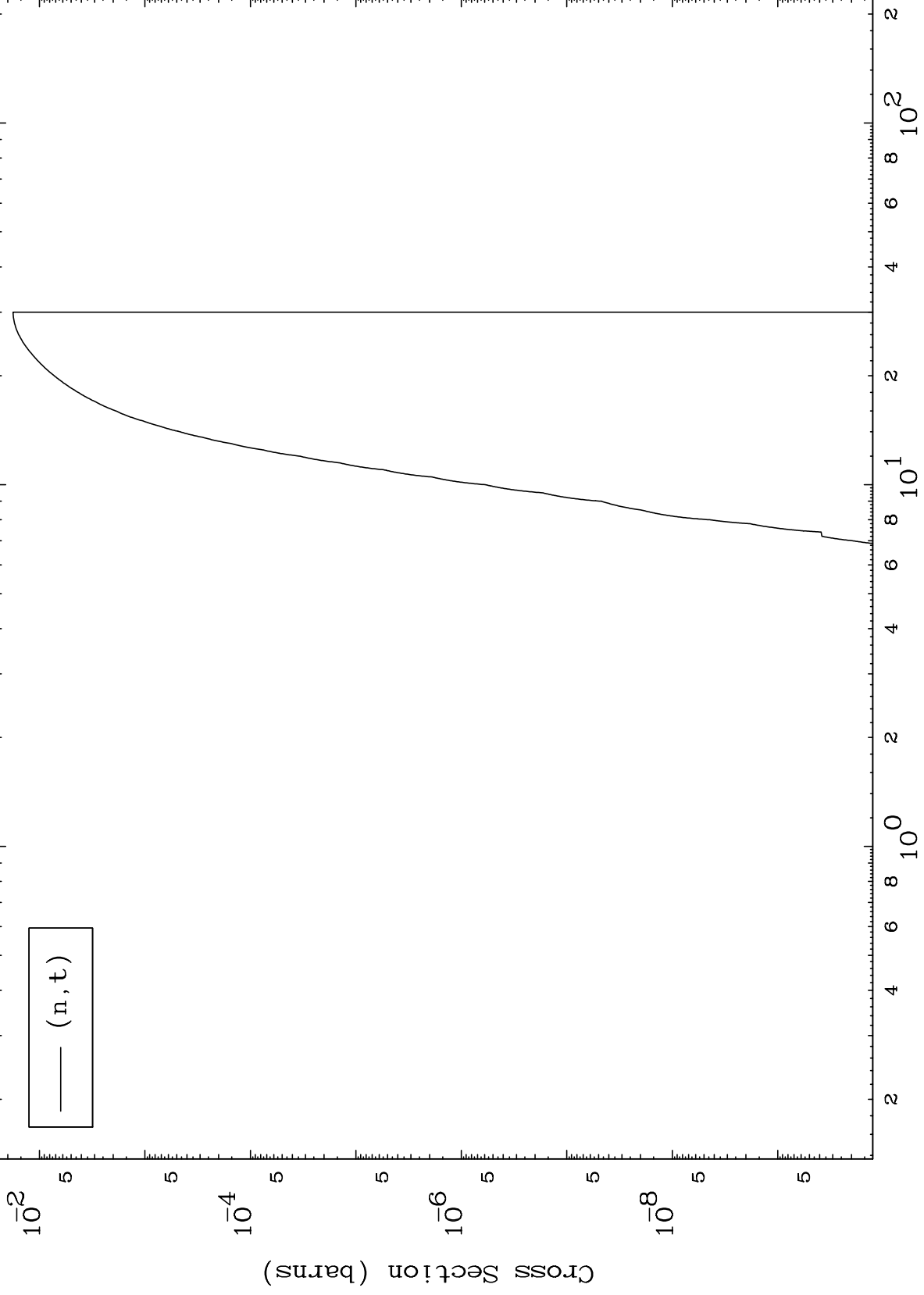
Incident Energy (MeV)

87-Fr-206

MAT 8707

(n,t) Levels  
293 Kelvin Cross Sections

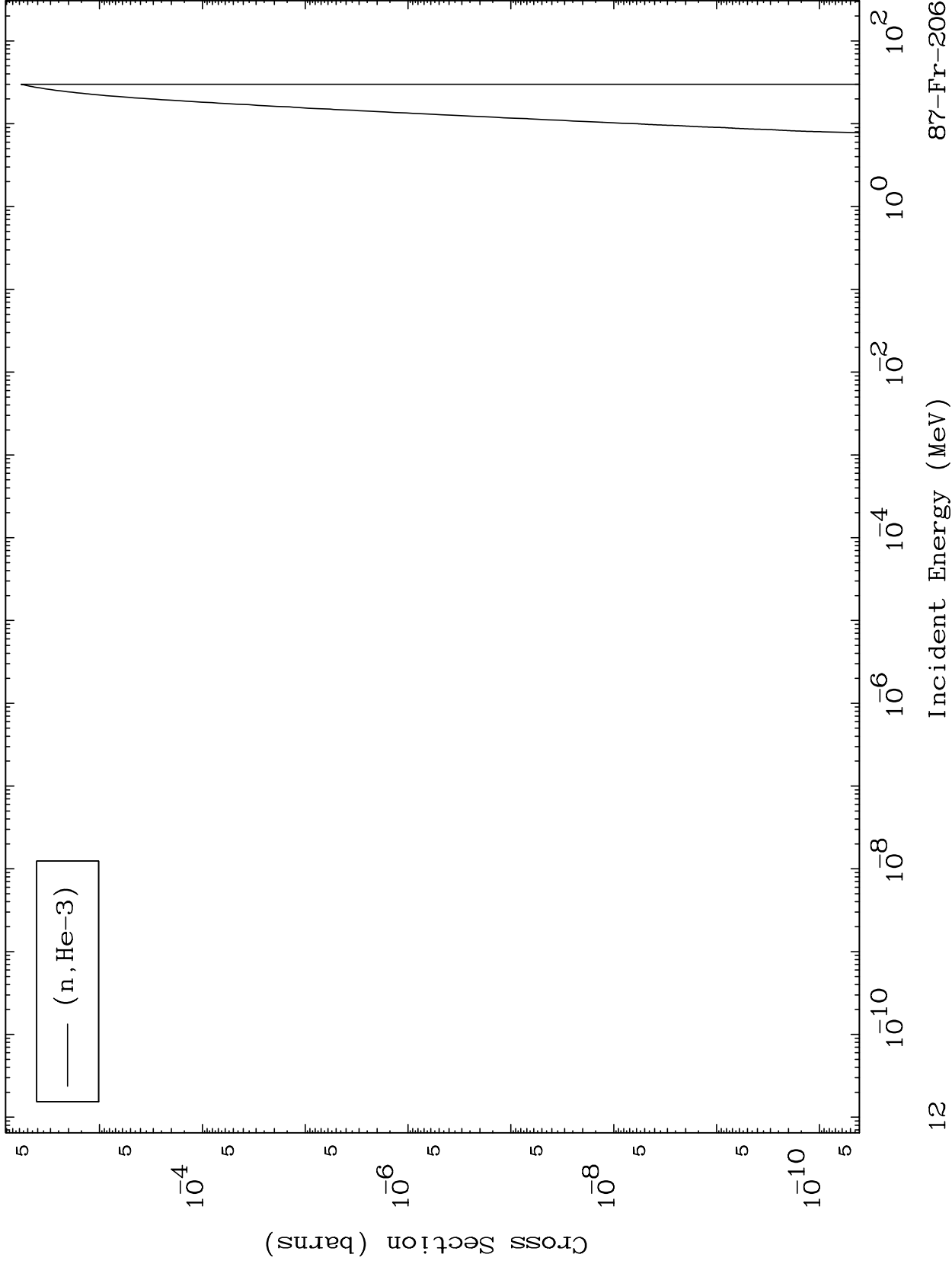
87-Fr-206



MAT 8707

(n,He3) Levels  
293 Kelvin Cross Sections

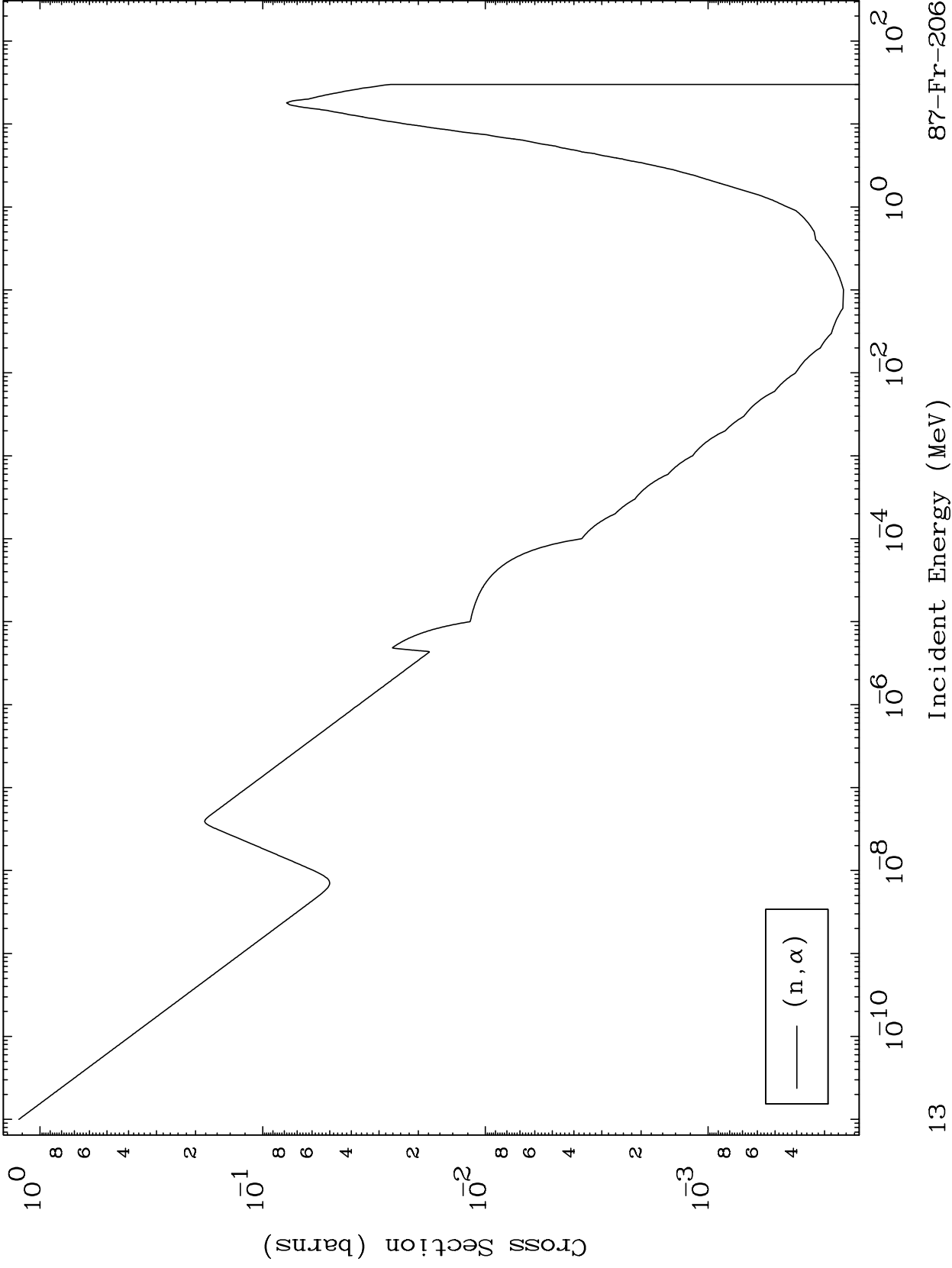
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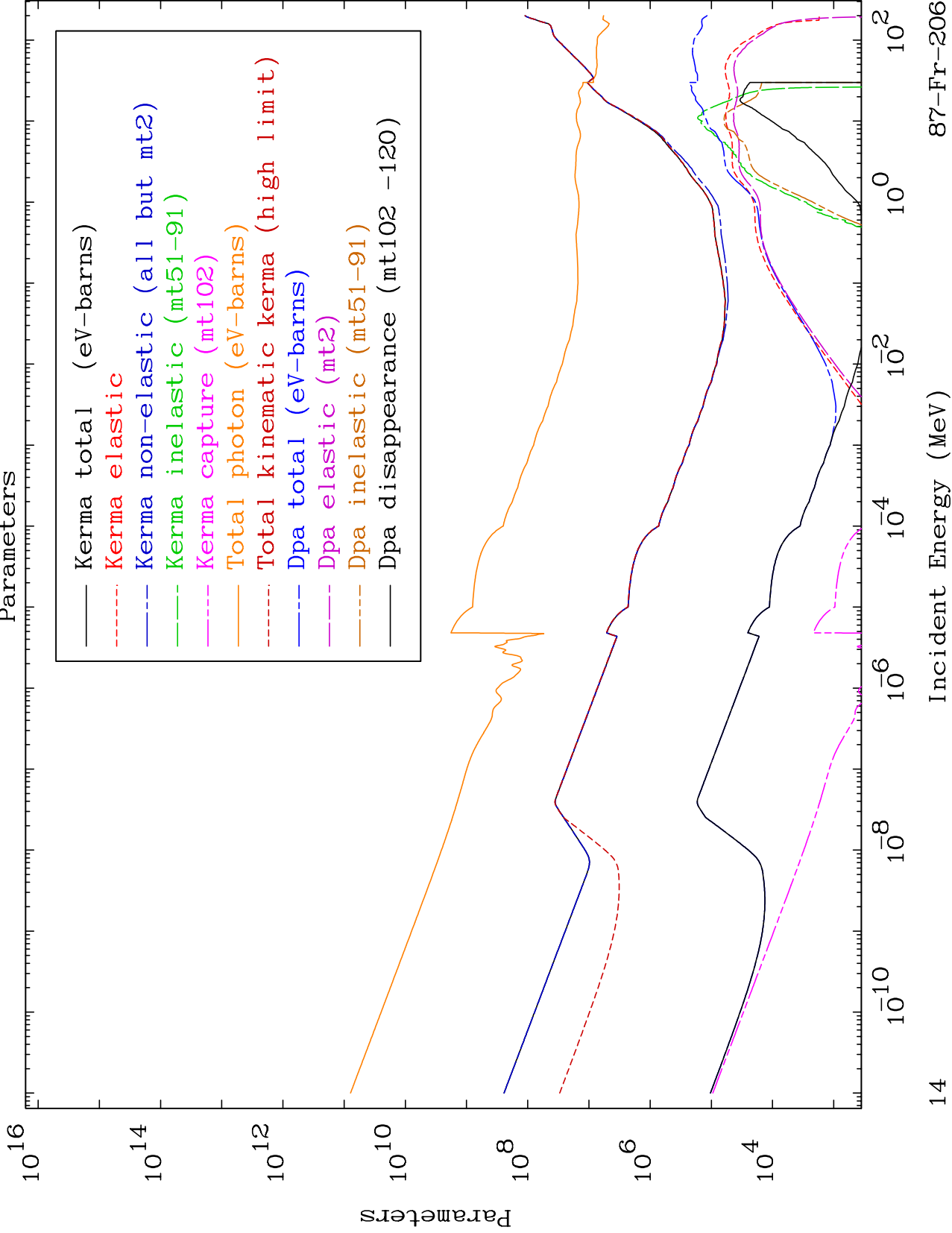


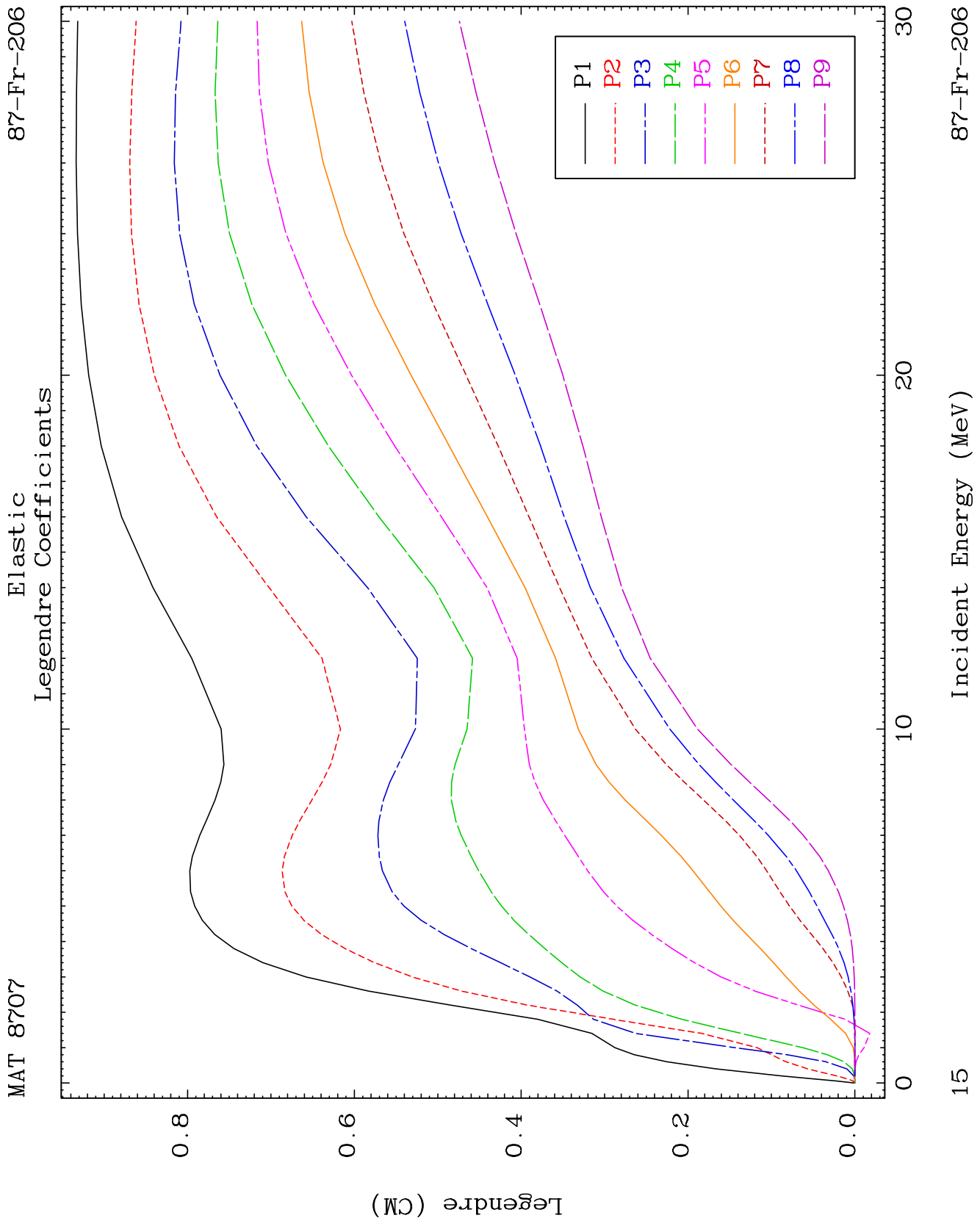
MAT 8707

(n,α) Levels  
293 Kelvin Cross Sections

87-Fr-206





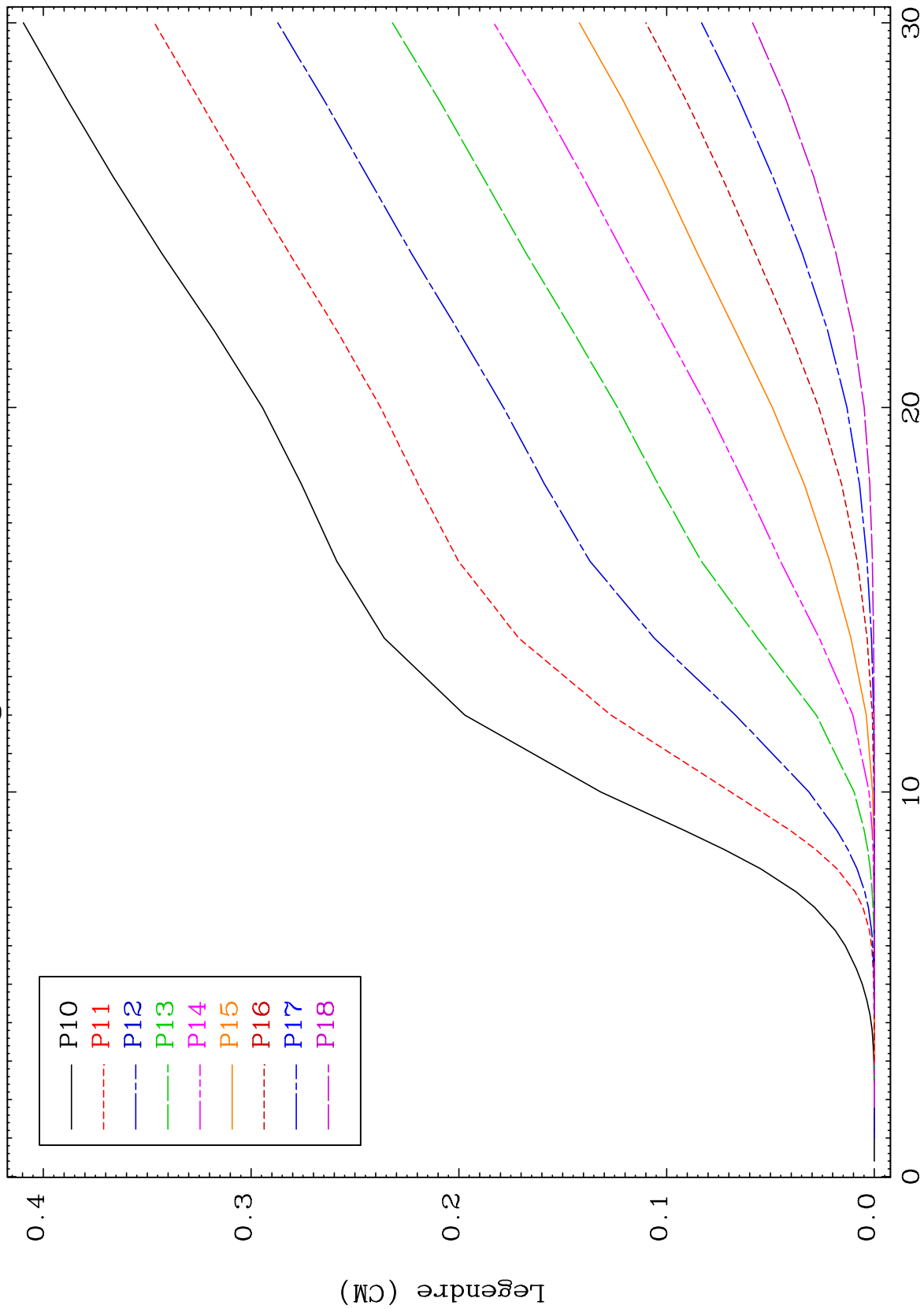




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Elastic Legendre Coefficients

87-Fr-206



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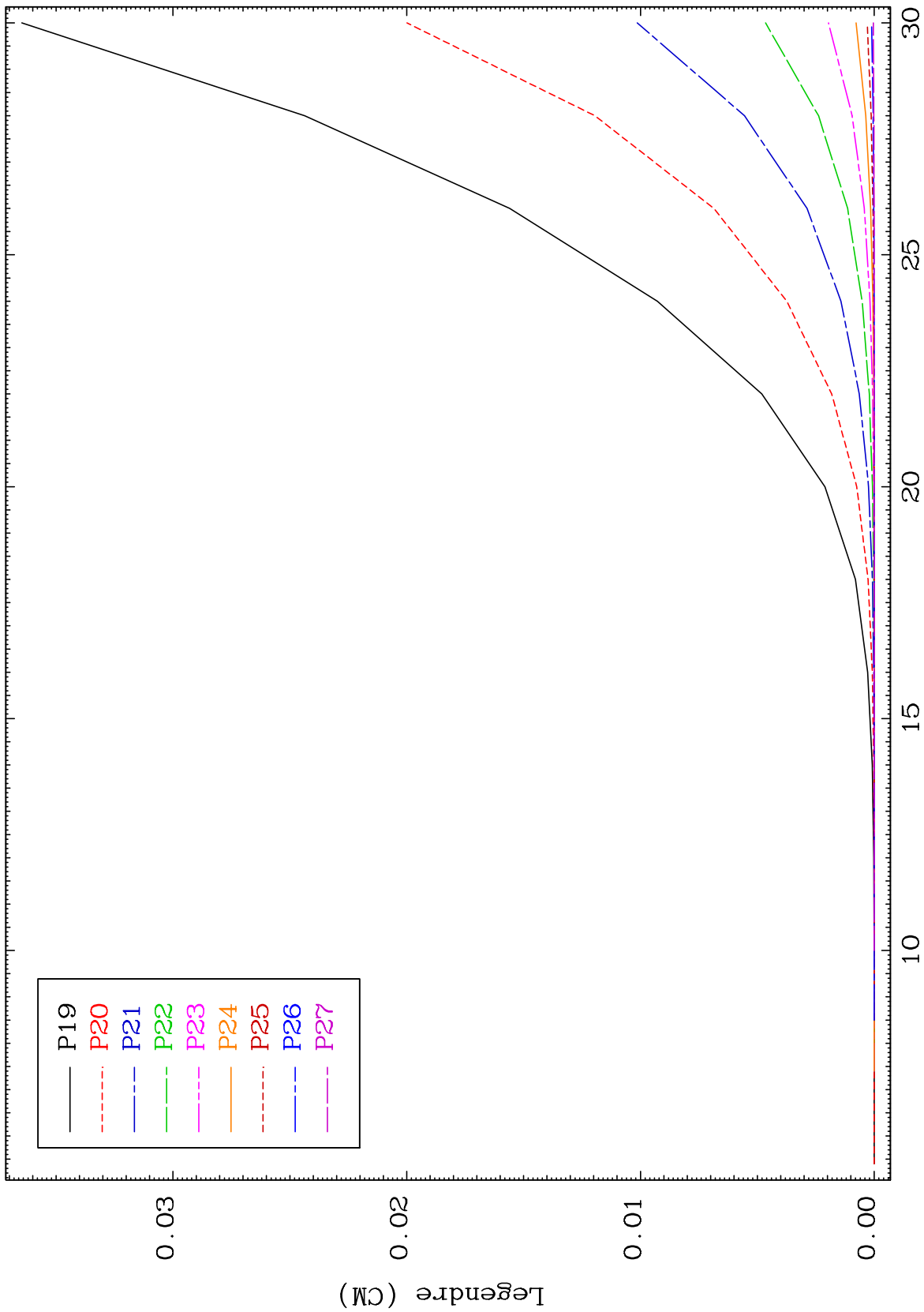
Incident Energy (MeV)

87-Fr-206

MAT 8707

Elastic  
Legendre Coefficients

87-Fr-206



17

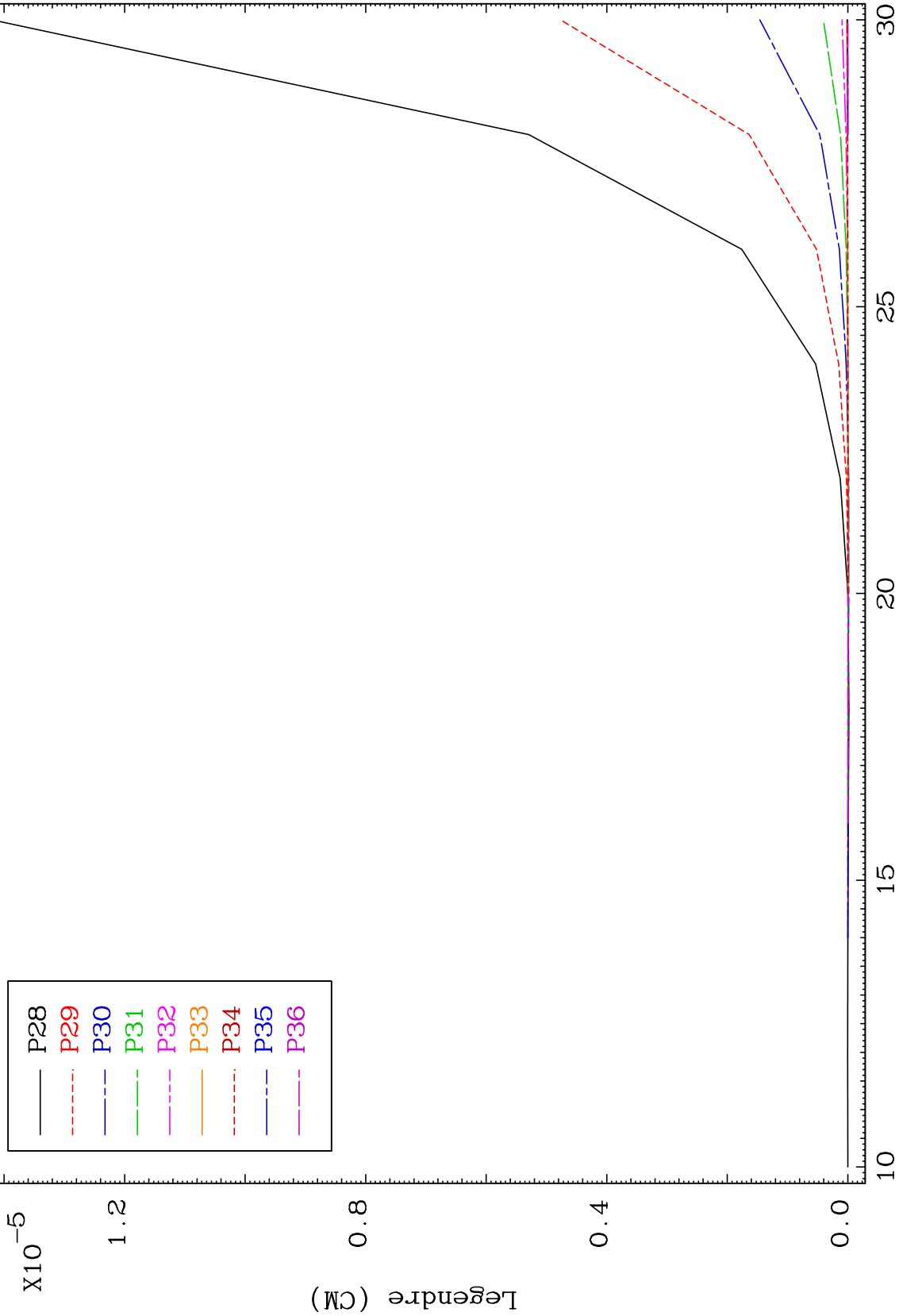
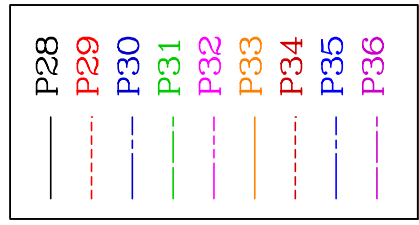
Incident Energy (MeV)

87-Fr-206

MAT 8707

Elastic Legendre Coefficients

87-Fr-206



87-Fr-206

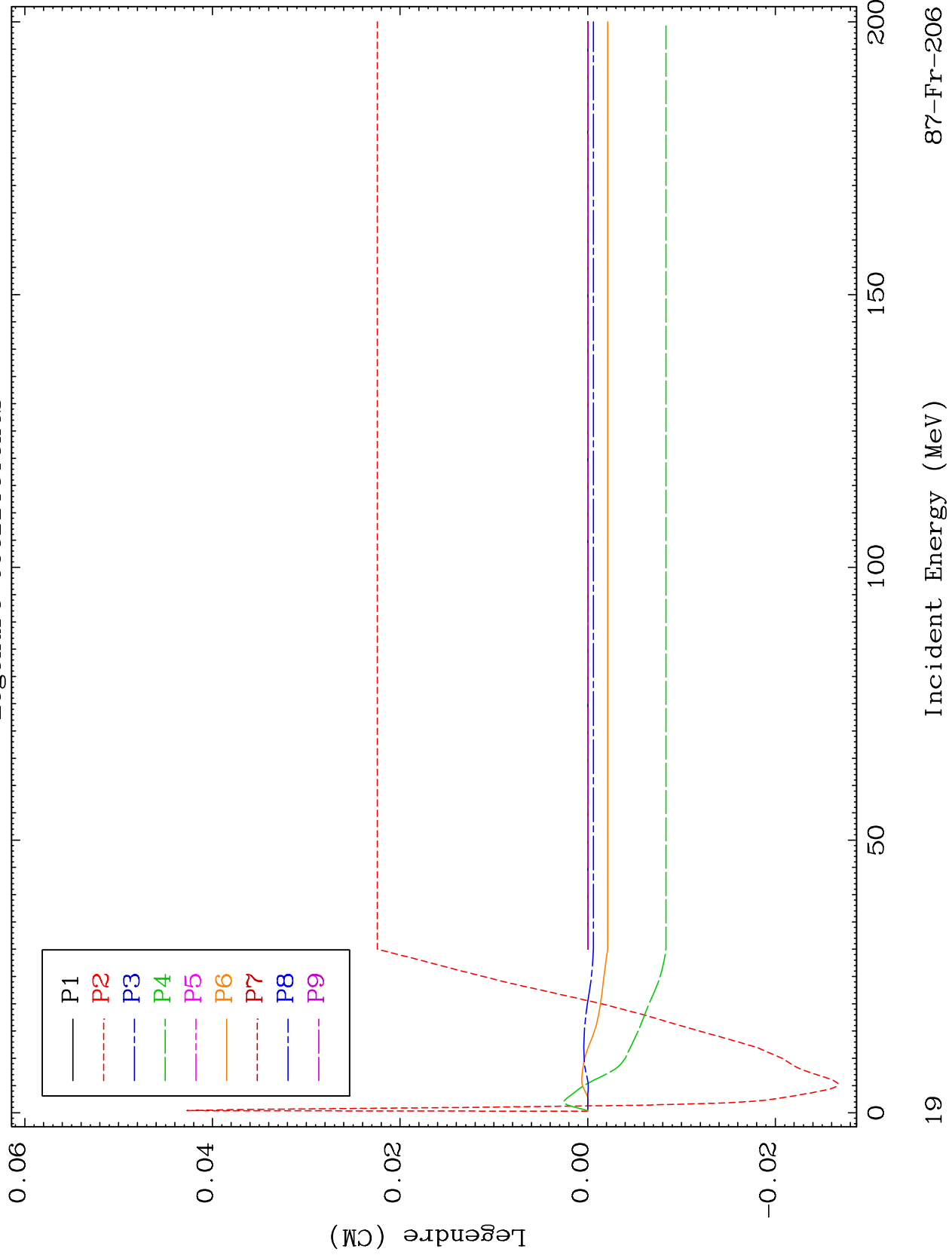
Incident Energy (MeV)

18

MAT 8707

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

87-Fr-206



87-Fr-206

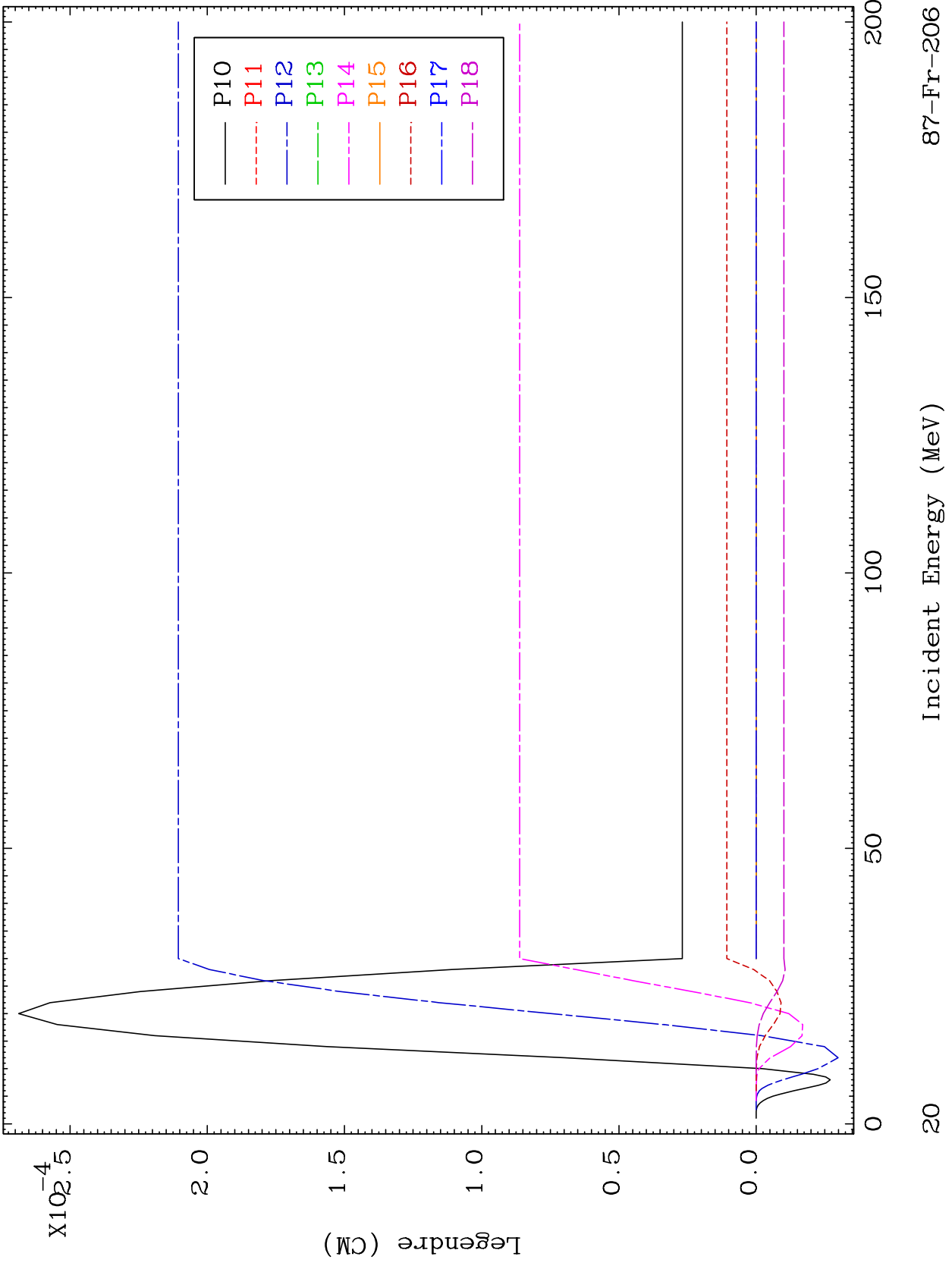
Incident Energy (MeV)

19

MAT 8707

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

87-Fr-206



87-Fr-206

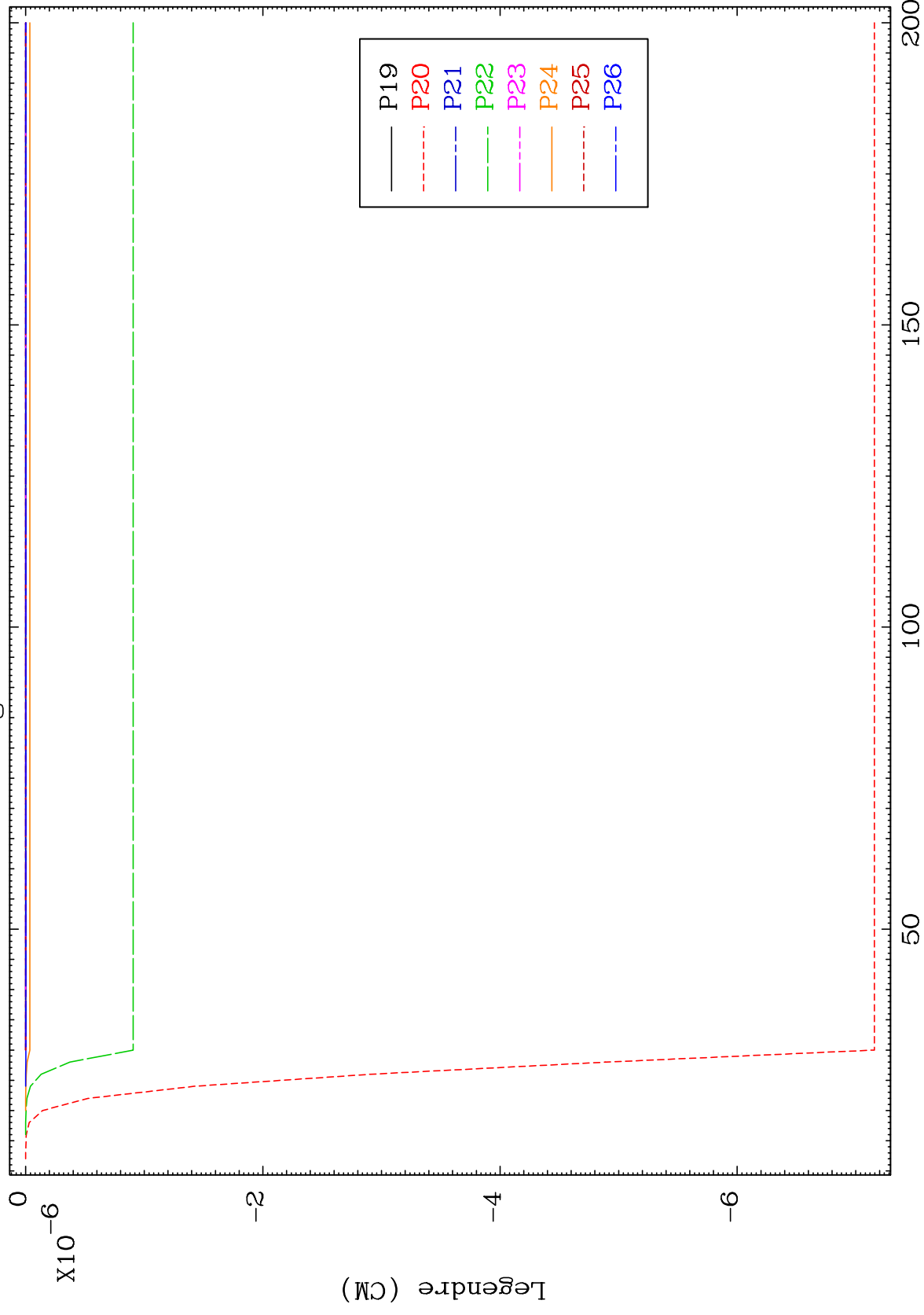
Incident Energy (MeV)

20

MAT 8707

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

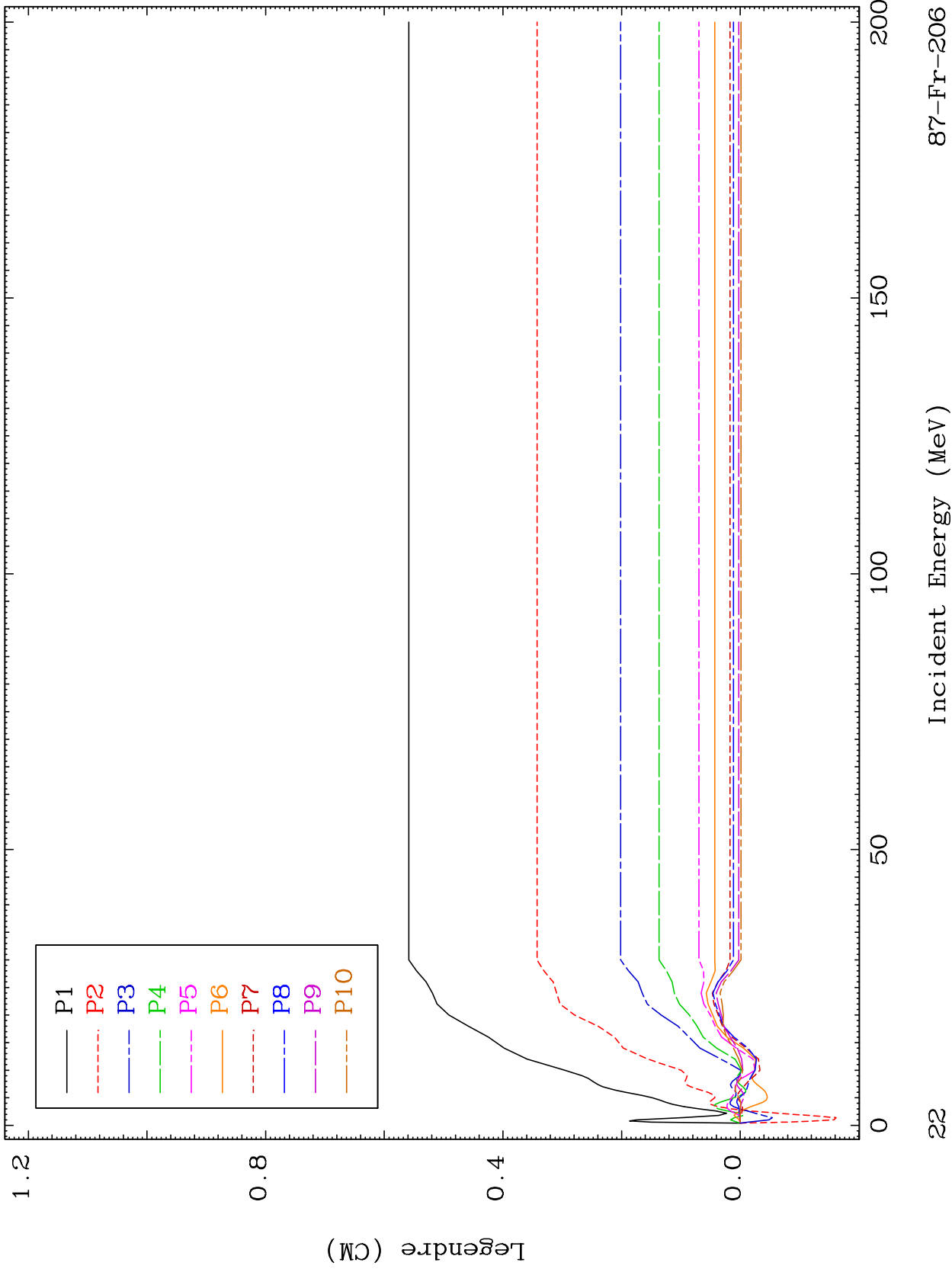
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Incident Energy (MeV)

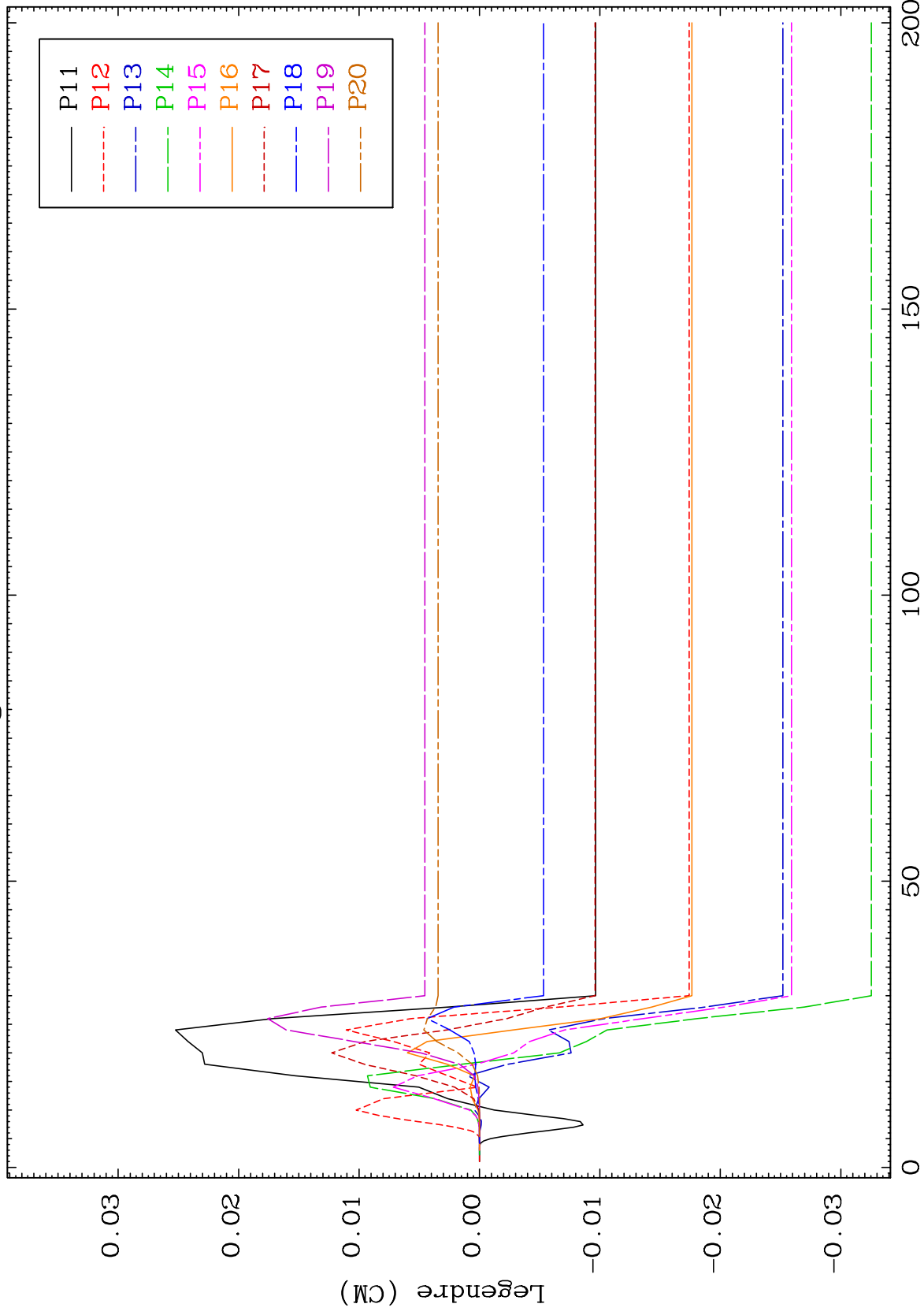
87-Fr-206



MAT 8707

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

87-Fr-206

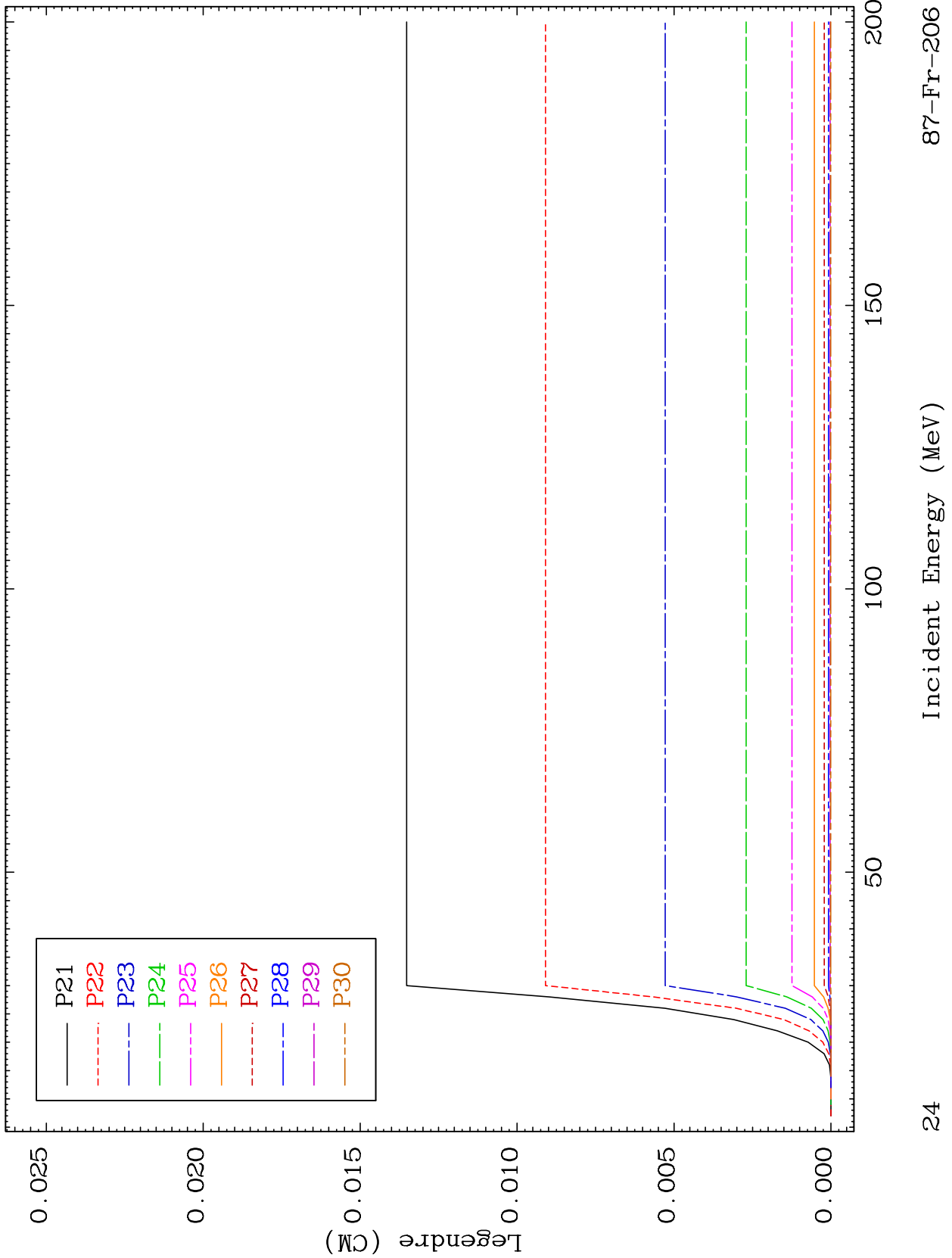


23

Incident Energy (MeV)

87-Fr-206

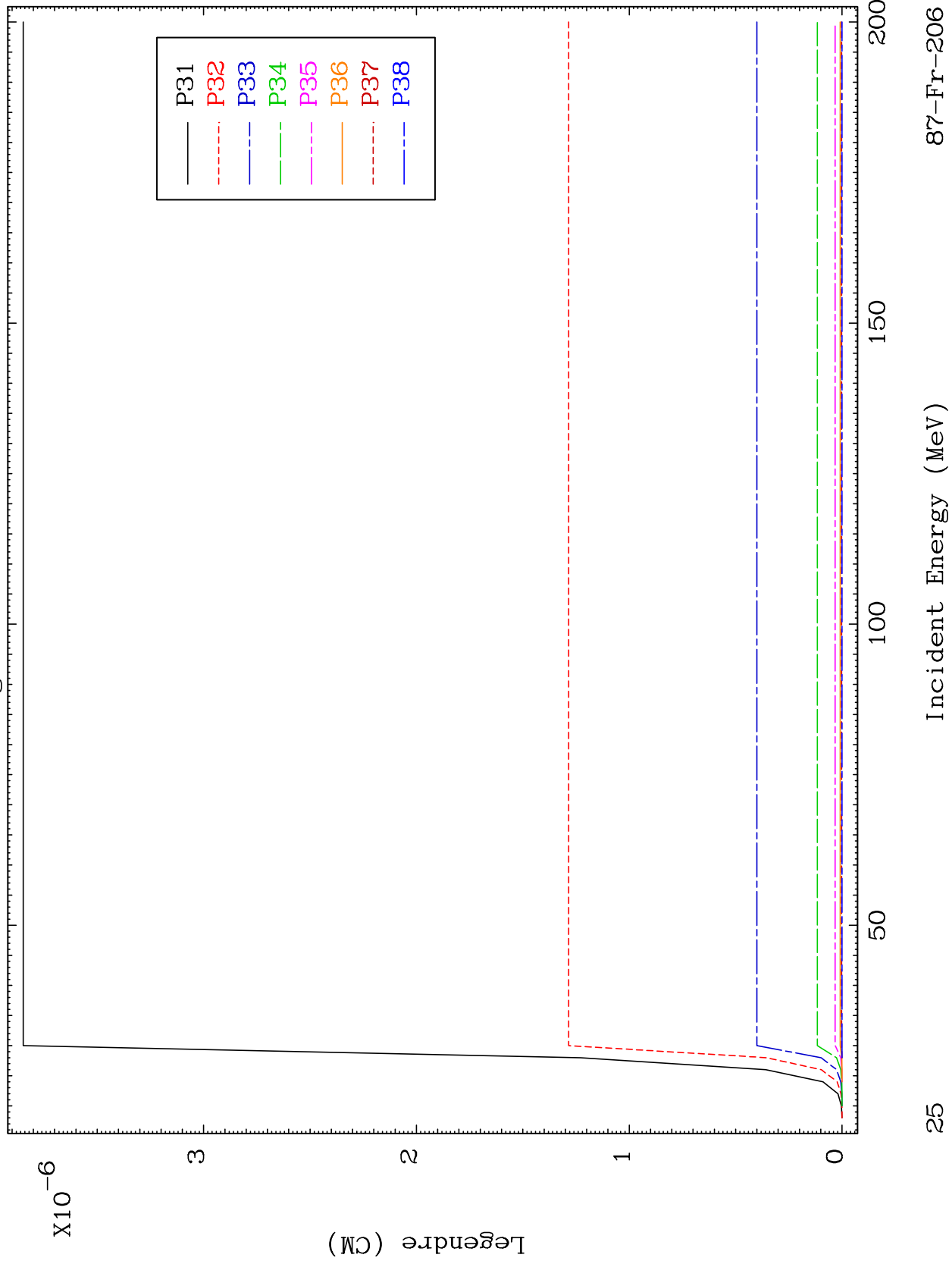




MAT 8707

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

87-Fr-206

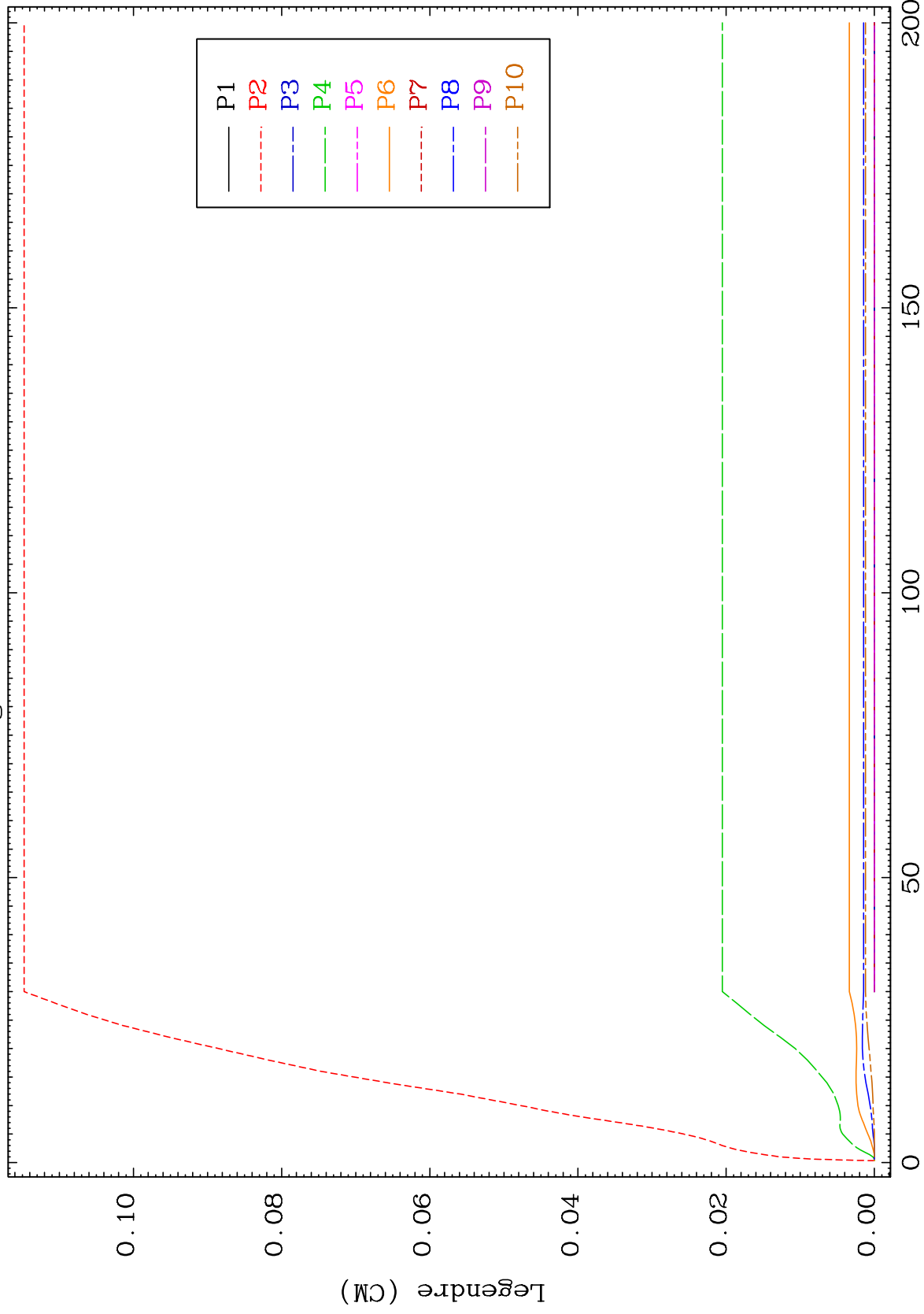


87-Fr-206

MAT 8707

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

87-Fr-206



87-Fr-206

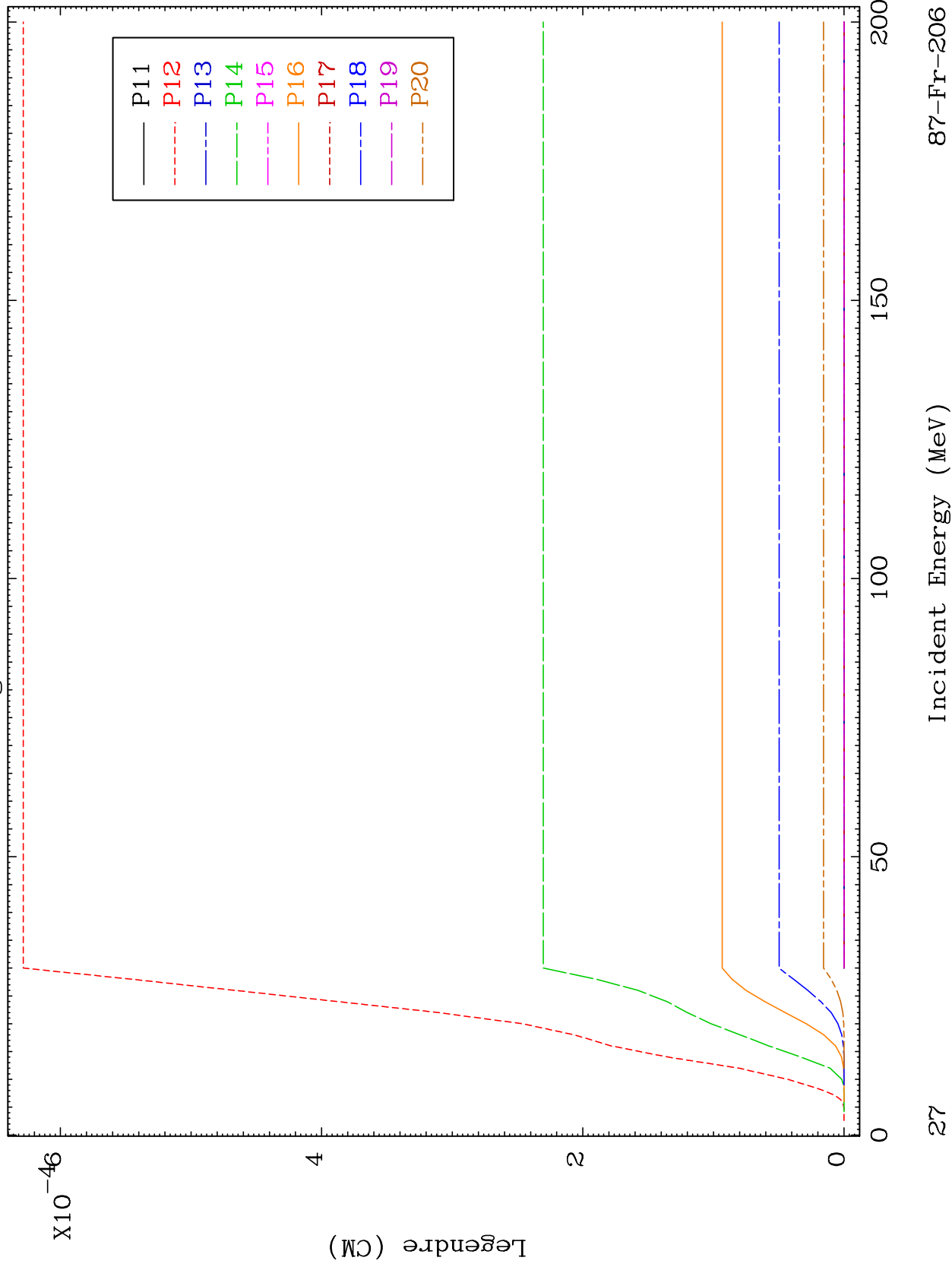
Incident Energy (MeV)

26

MAT 8707

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

87-Fr-206



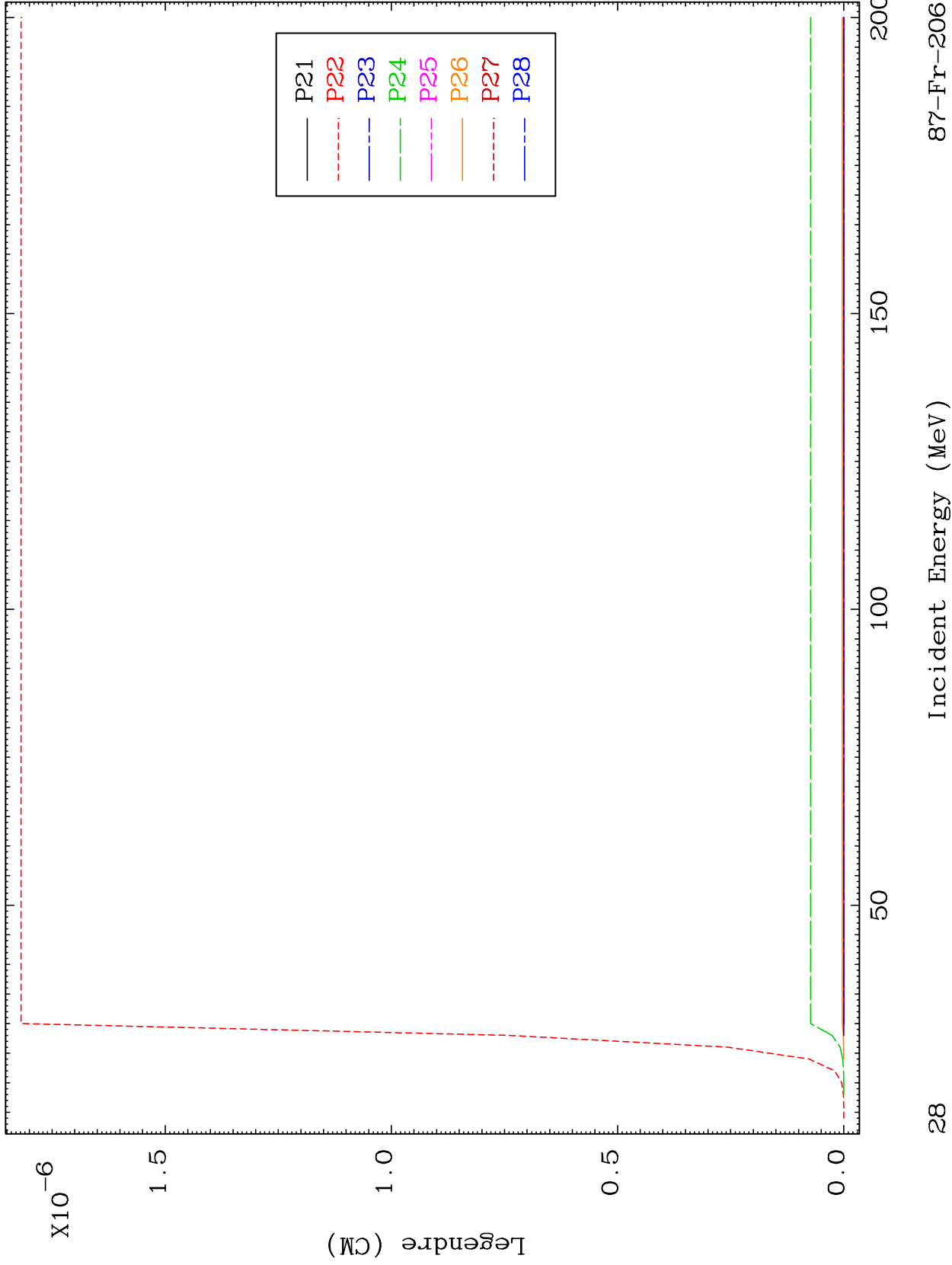
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87-Fr-206

MAT 8707

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

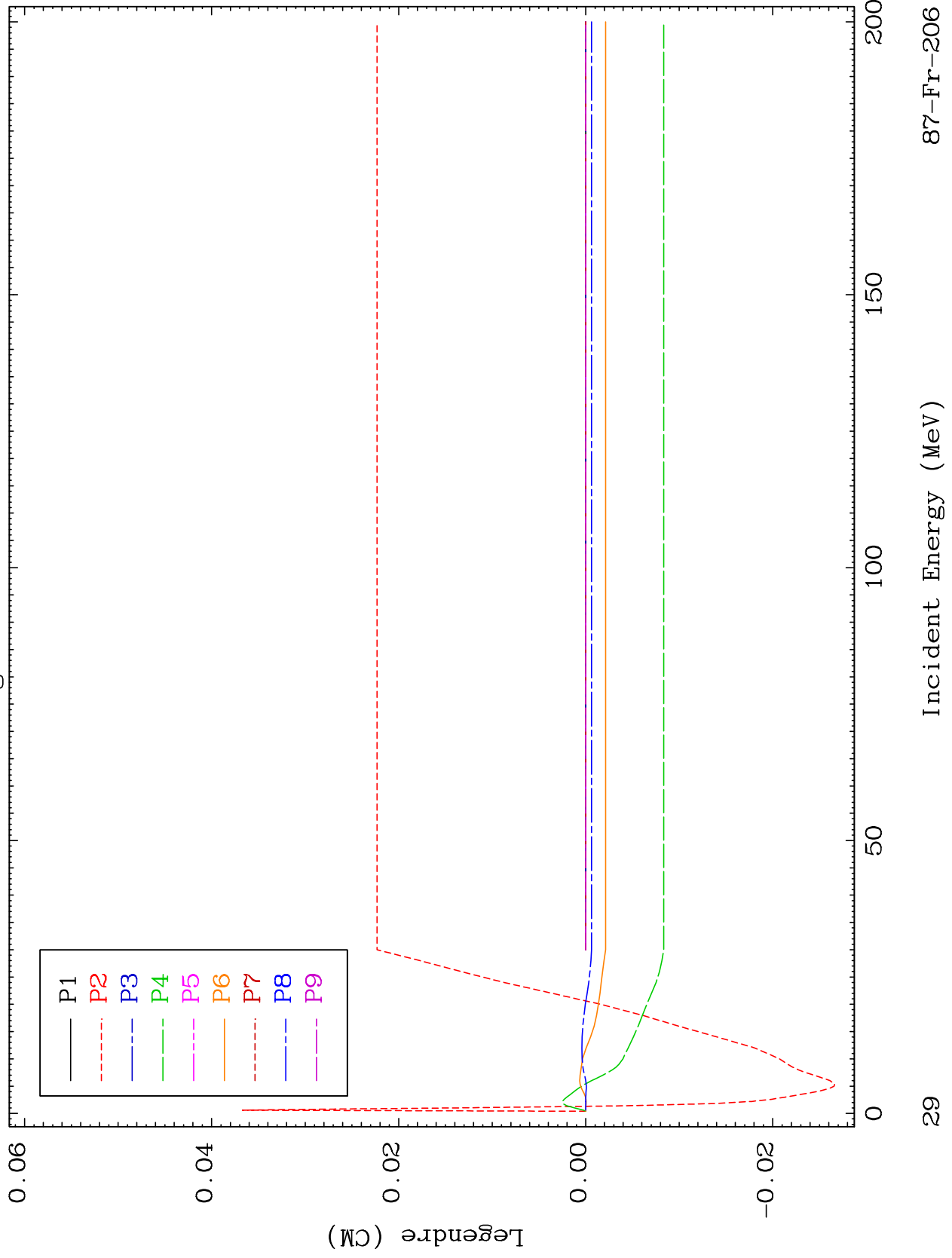
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MAT 8707

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

87-Fr-206



87-Fr-206

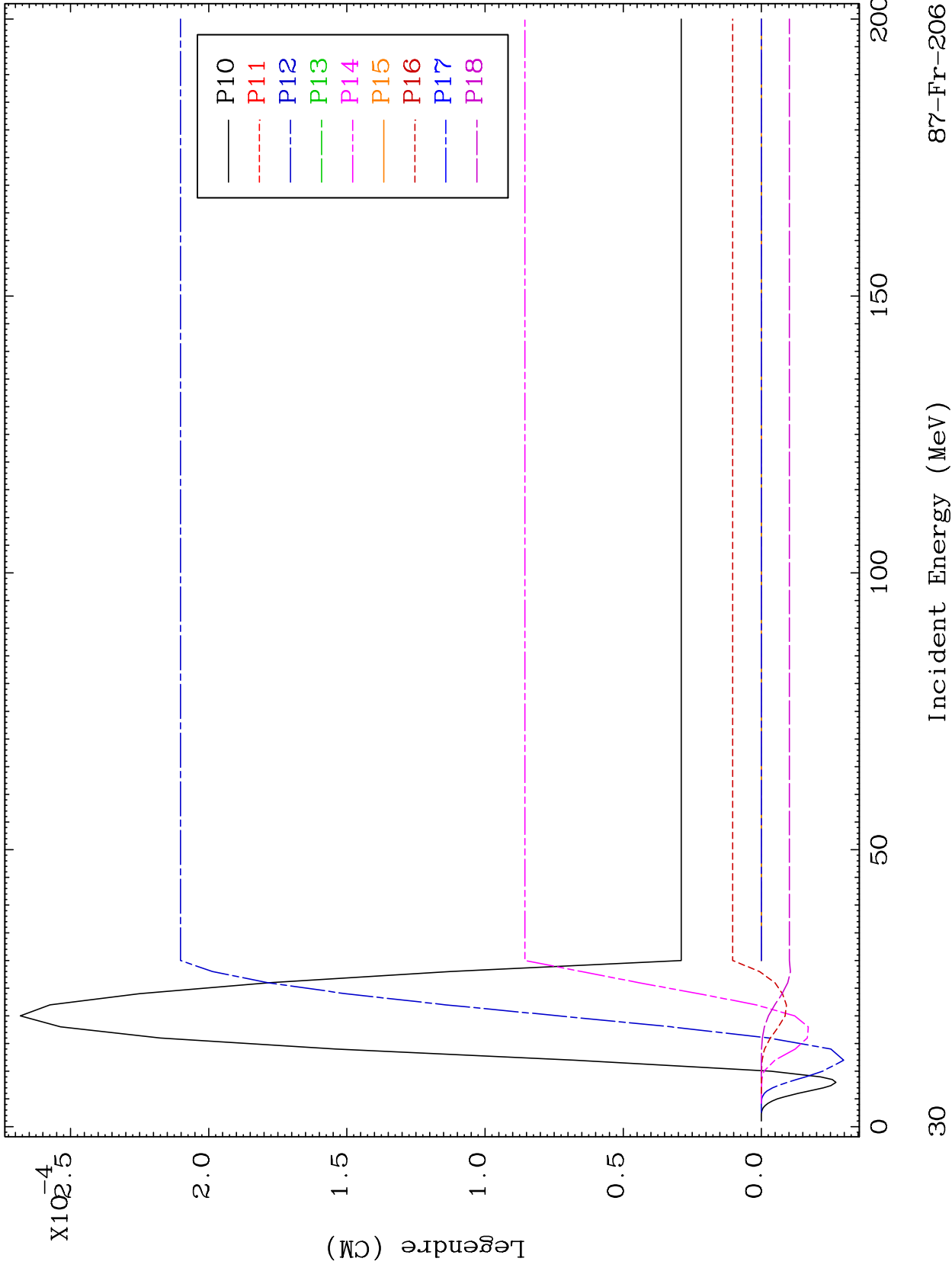
Incident Energy (MeV)

29

MAT 8707

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

87-Fr-206



87-Fr-206

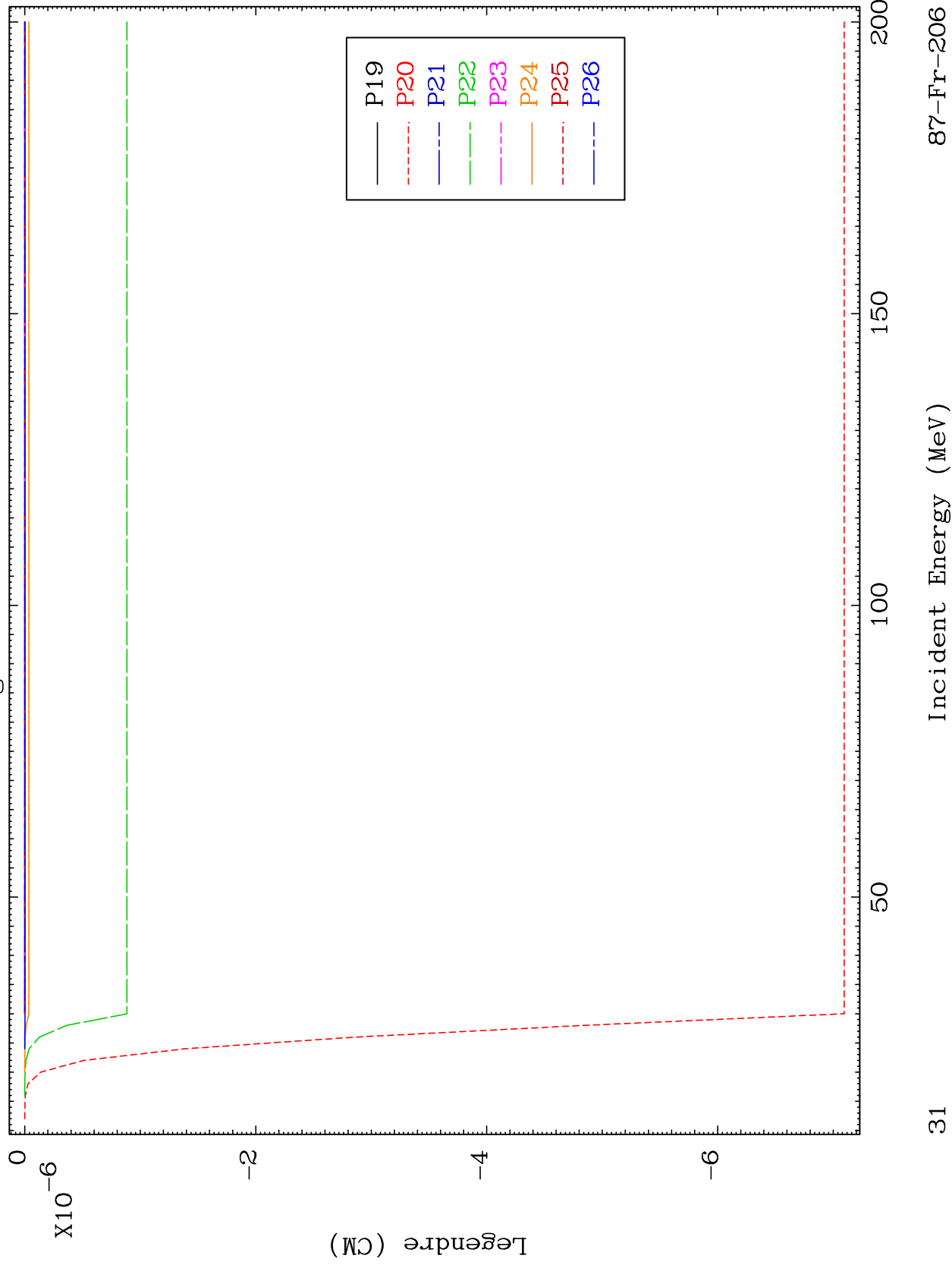
Incident Energy (MeV)

30

MAT 8707

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

87-Fr-206



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Incident Energy (MeV)

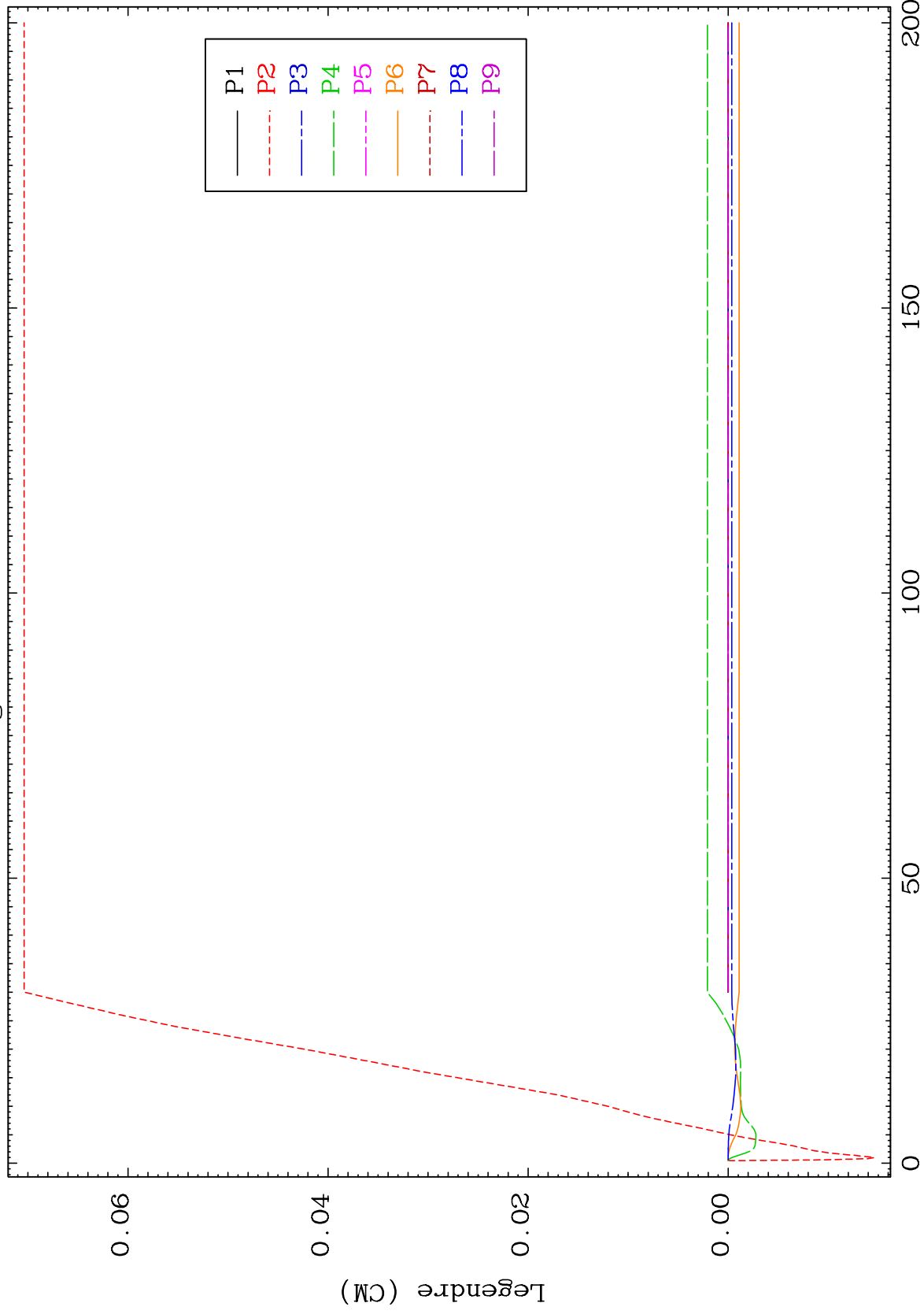
87-Fr-206



MAT 8707

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

87-Fr-206



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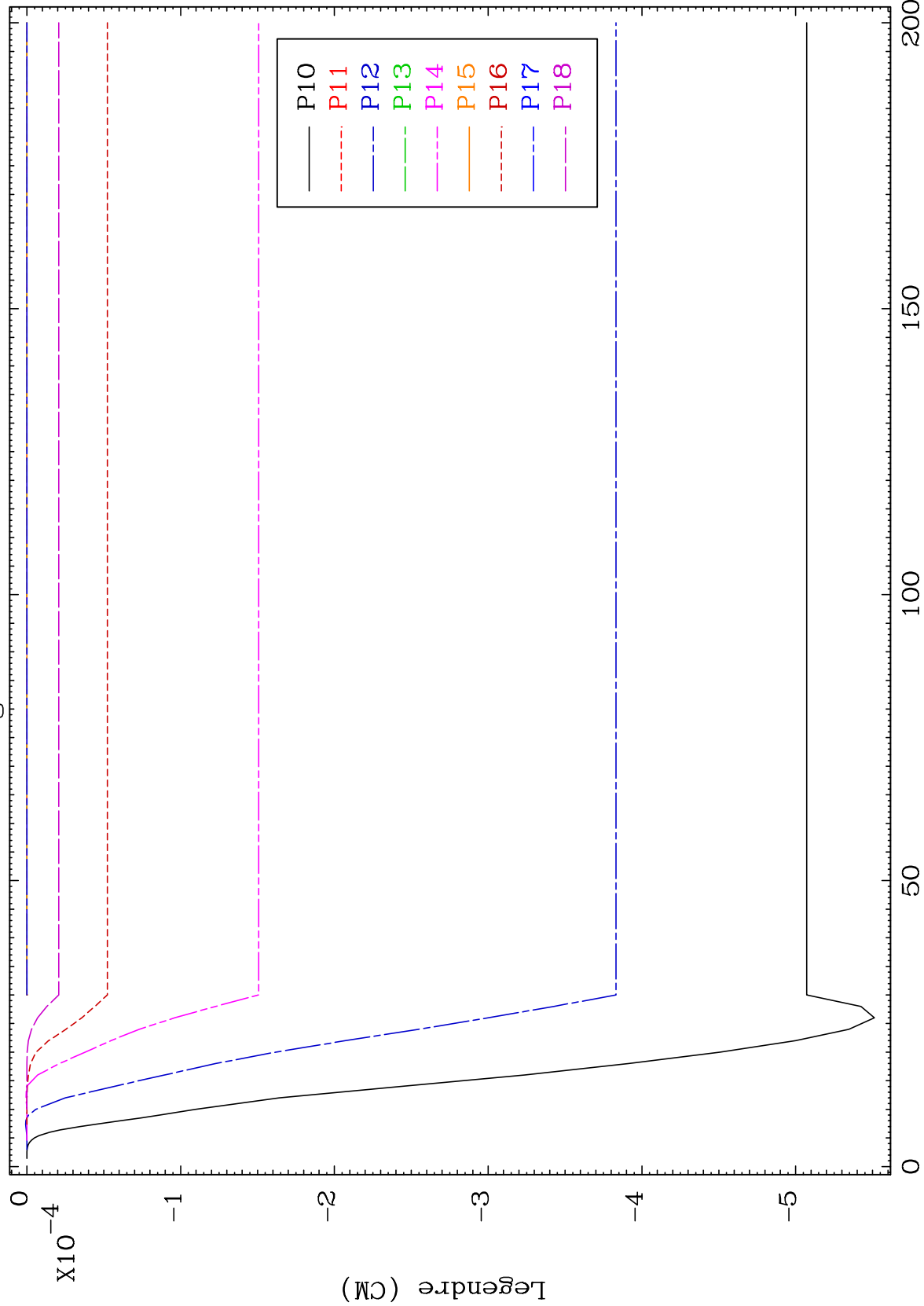
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



33

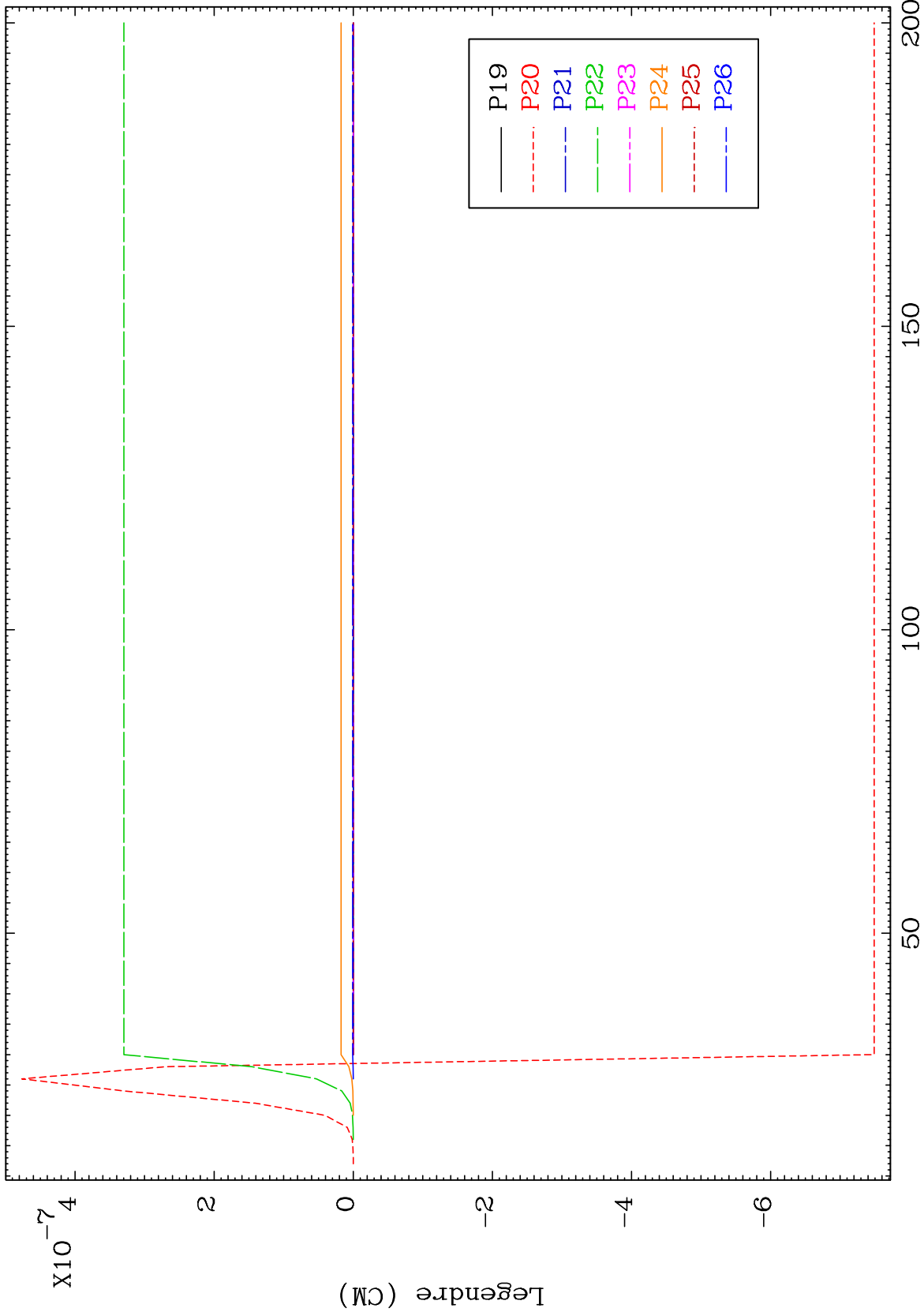
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



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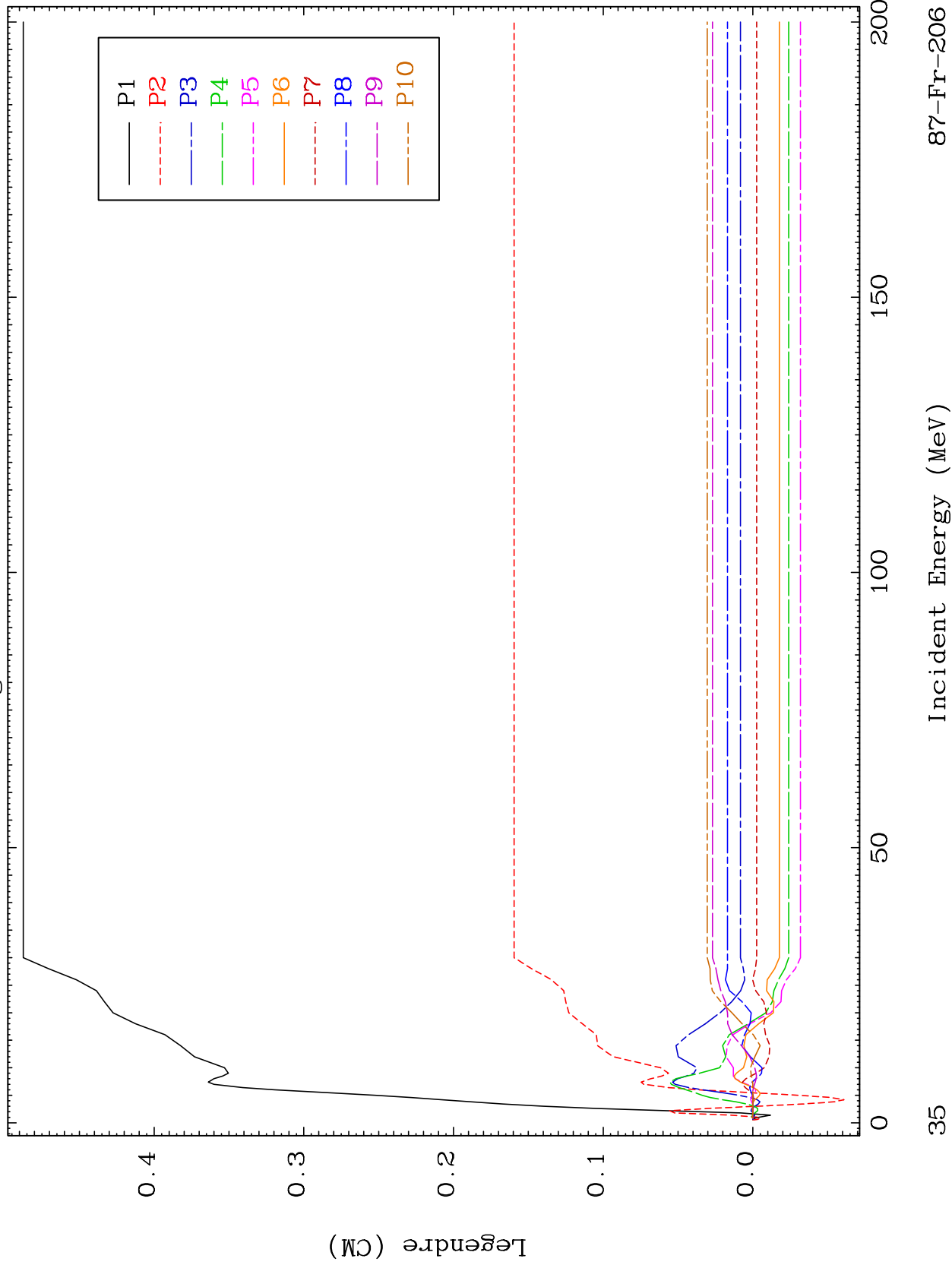
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



87-Fr-206

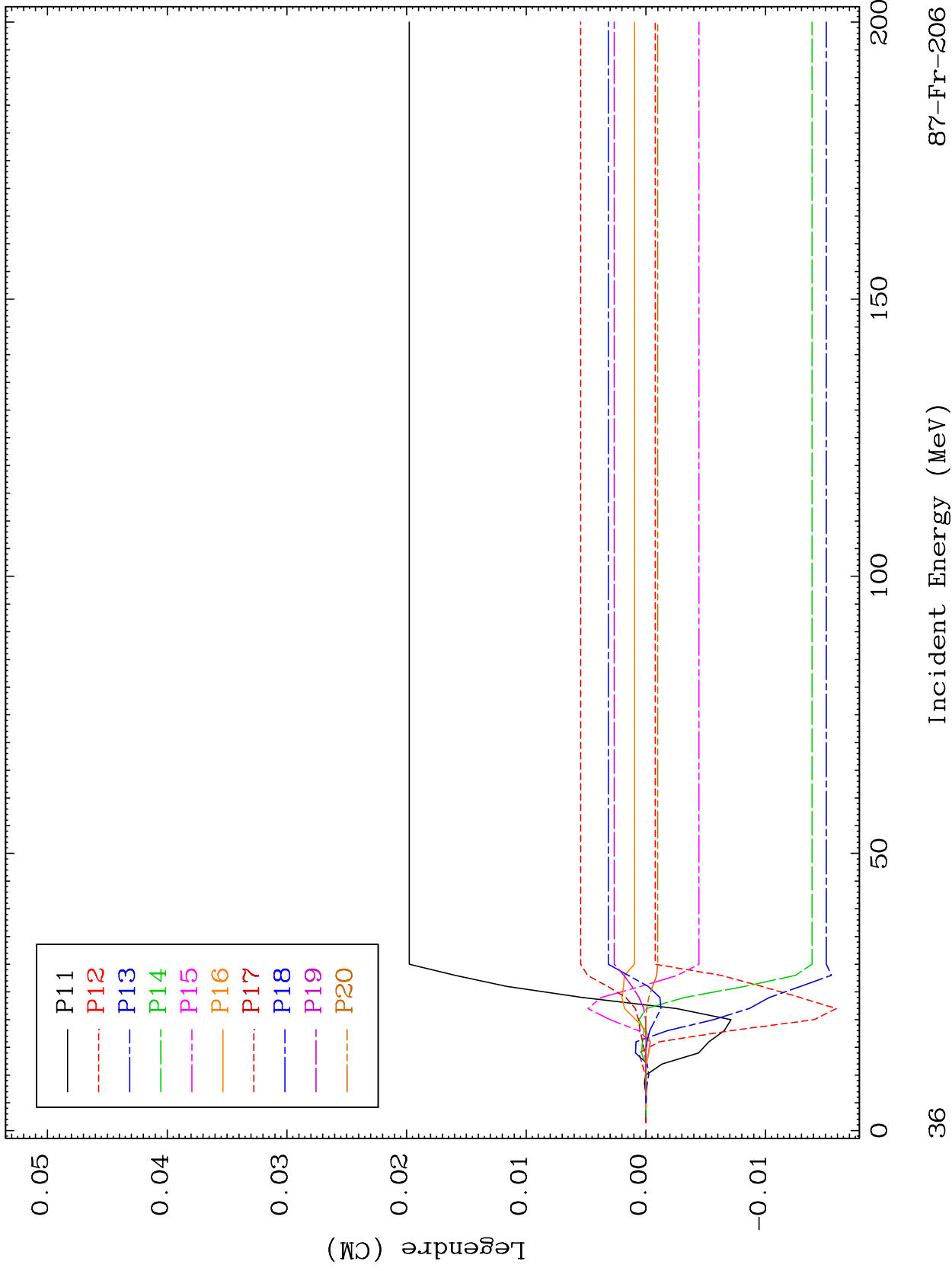
Incident Energy (MeV)

35

MAT 8707

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

87-Fr-206



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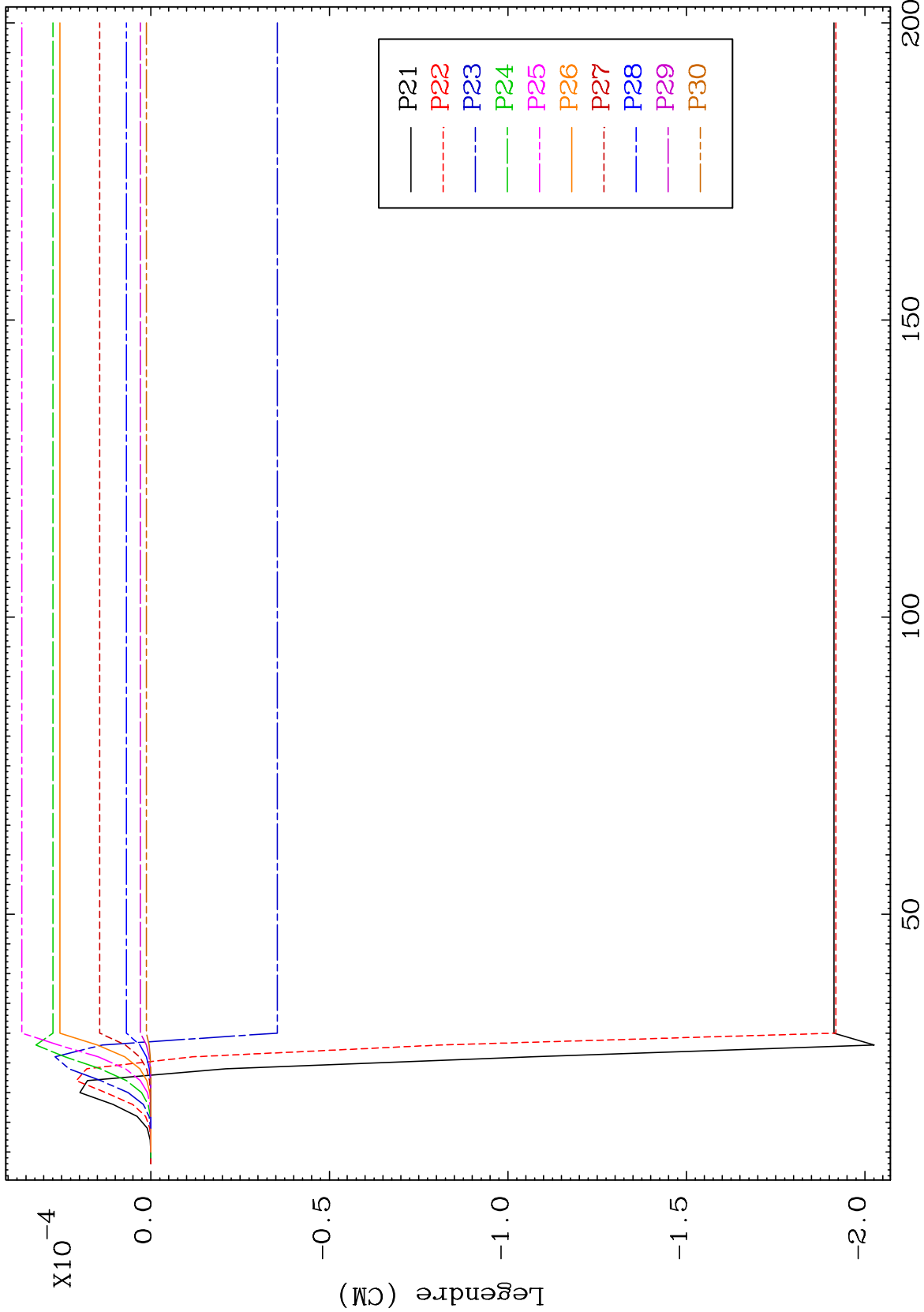
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



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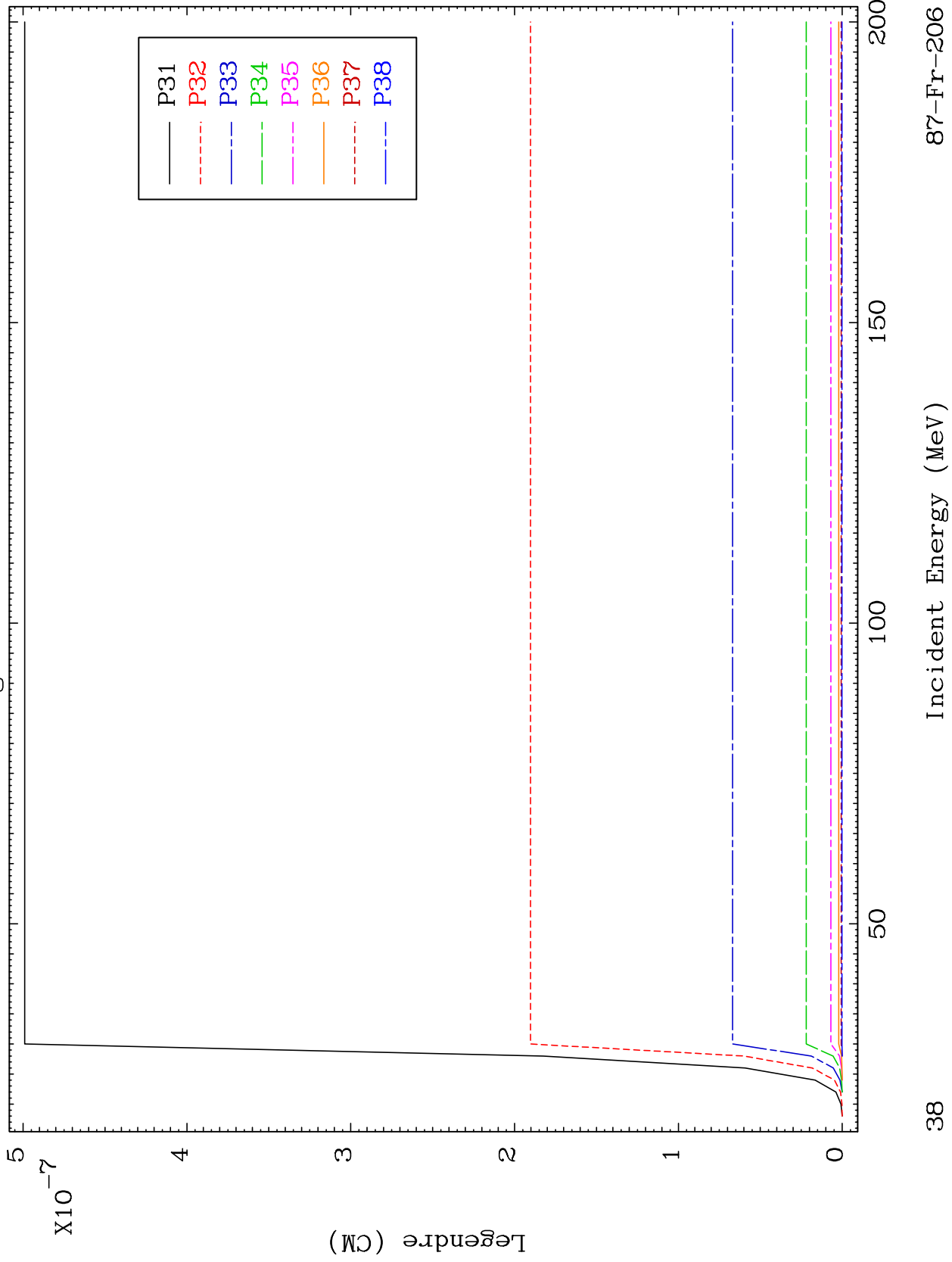
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



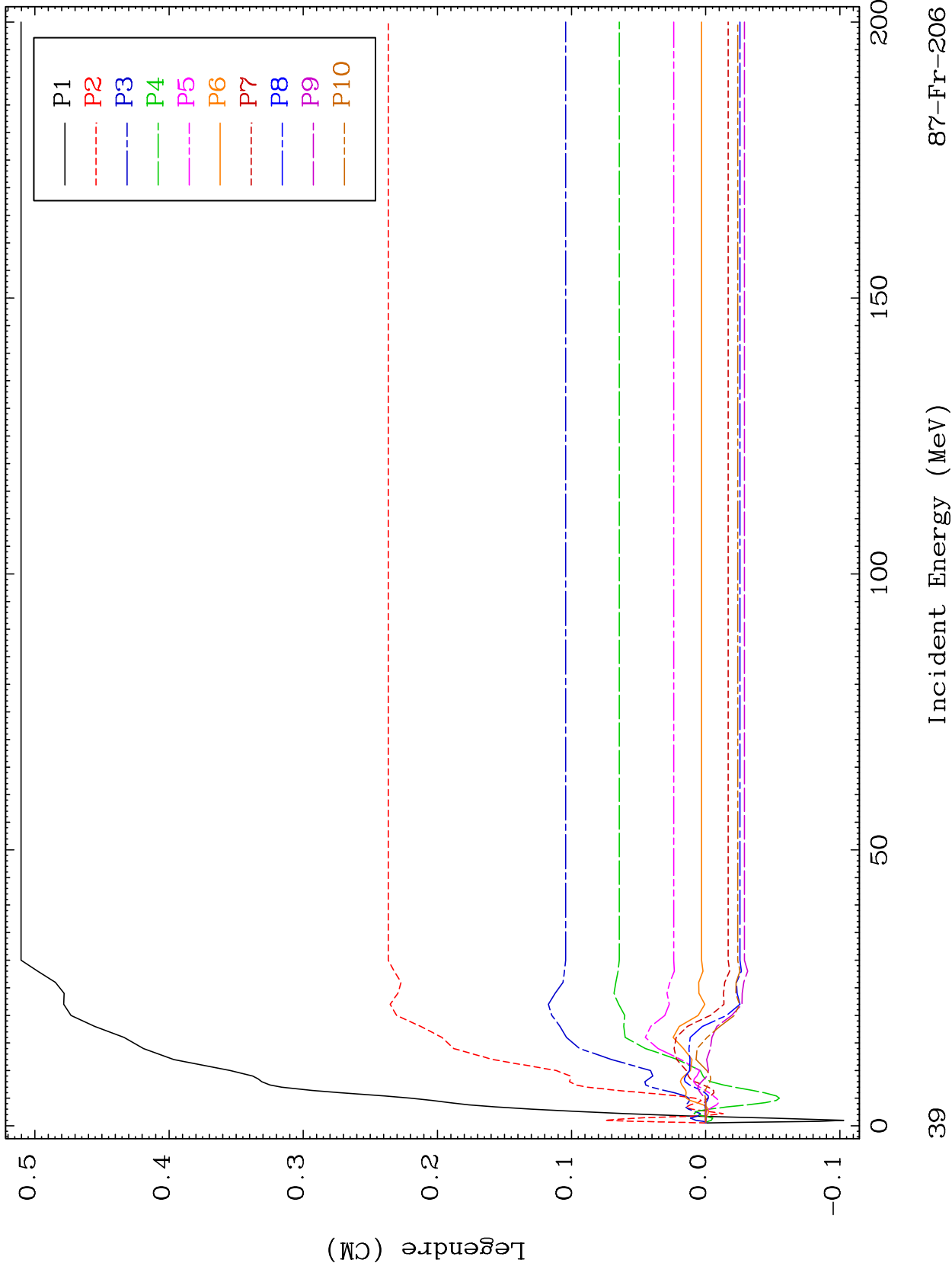
38

87-Fr-206

MAT 8707

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

87-Fr-206

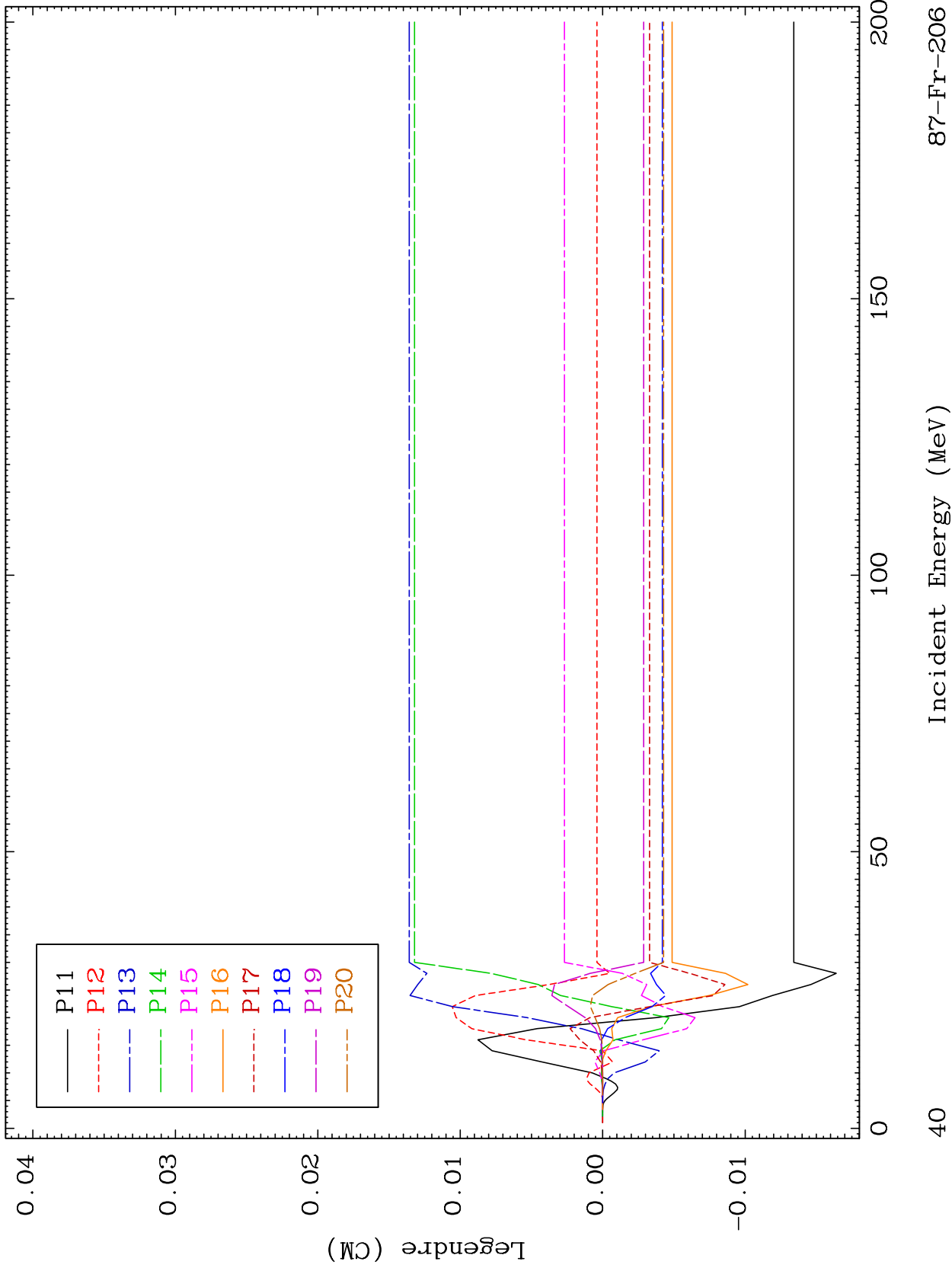




MAT 8707

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

87-Fr-206



87-Fr-206

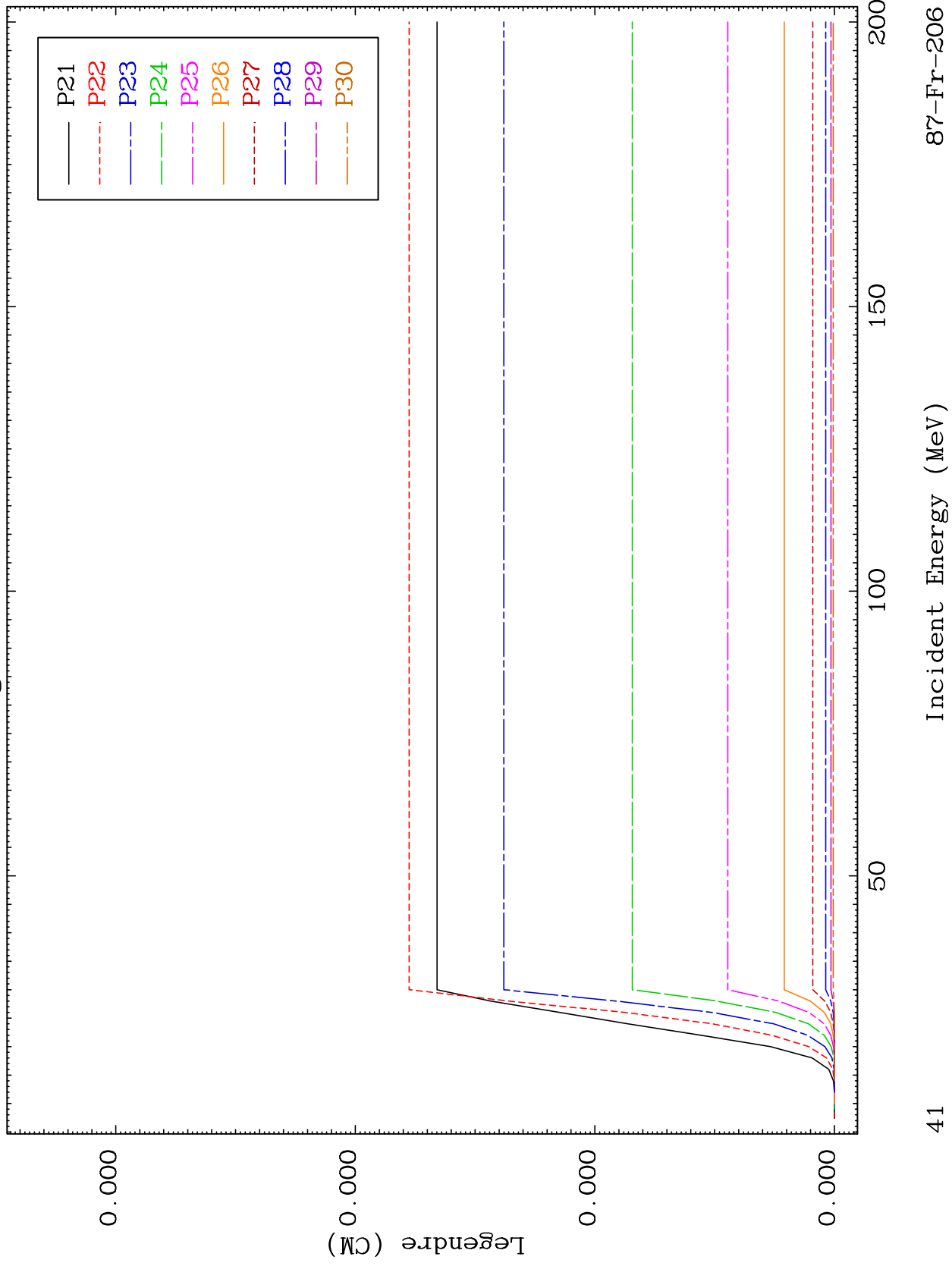
Incident Energy (MeV)

40

MAT 8707

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

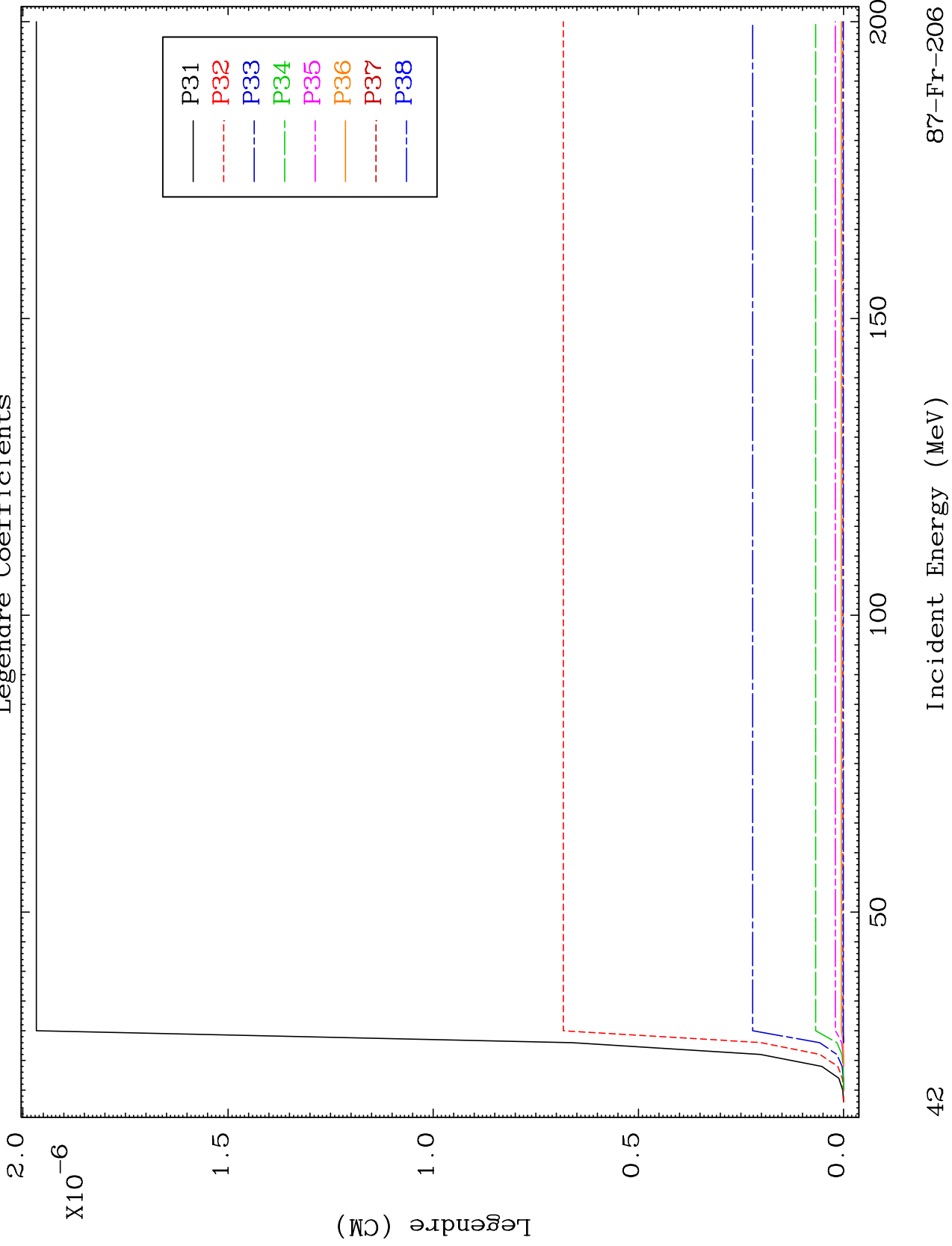
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MAT 8707

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

87-Fr-206



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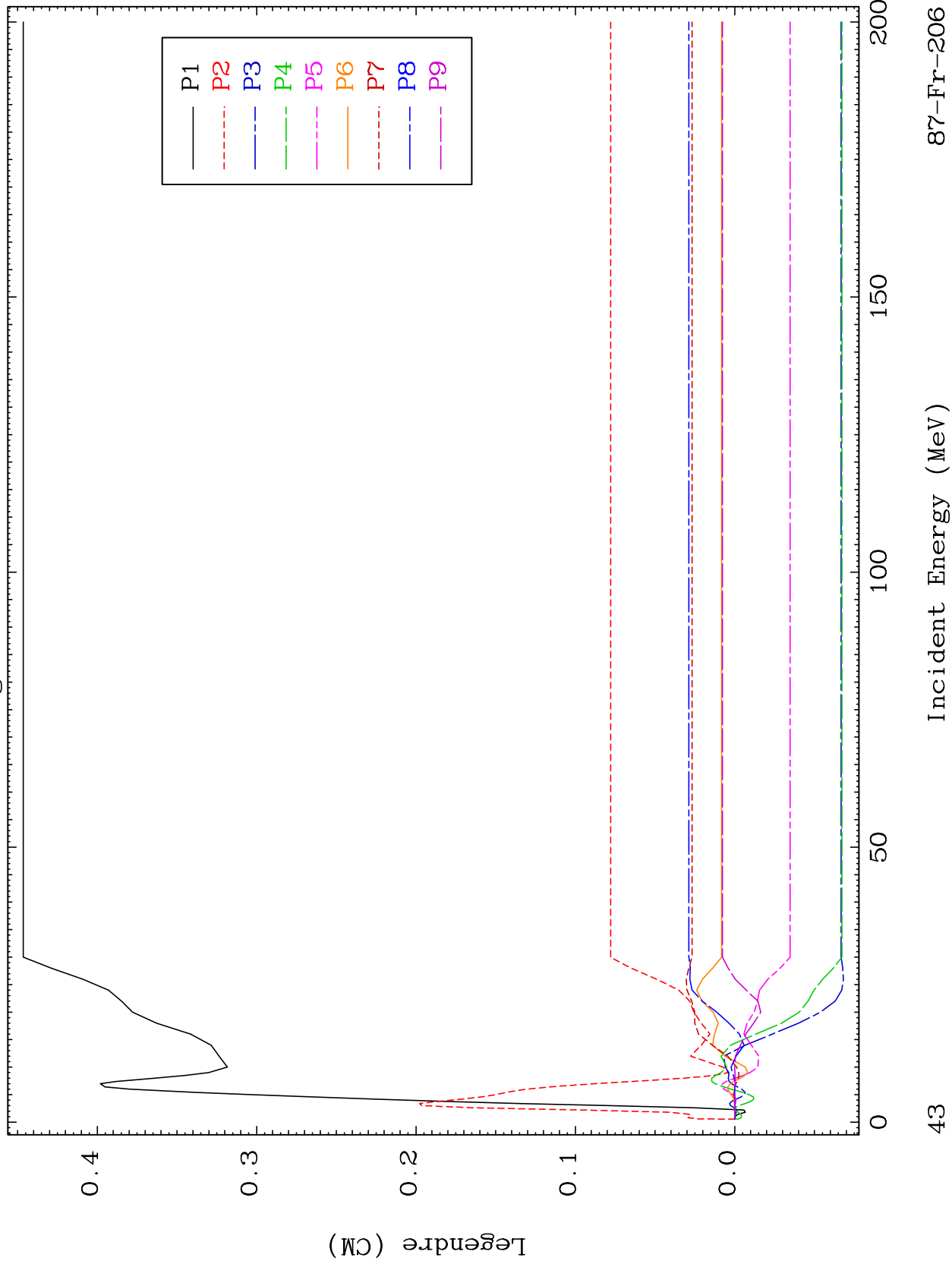
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



87-Fr-206

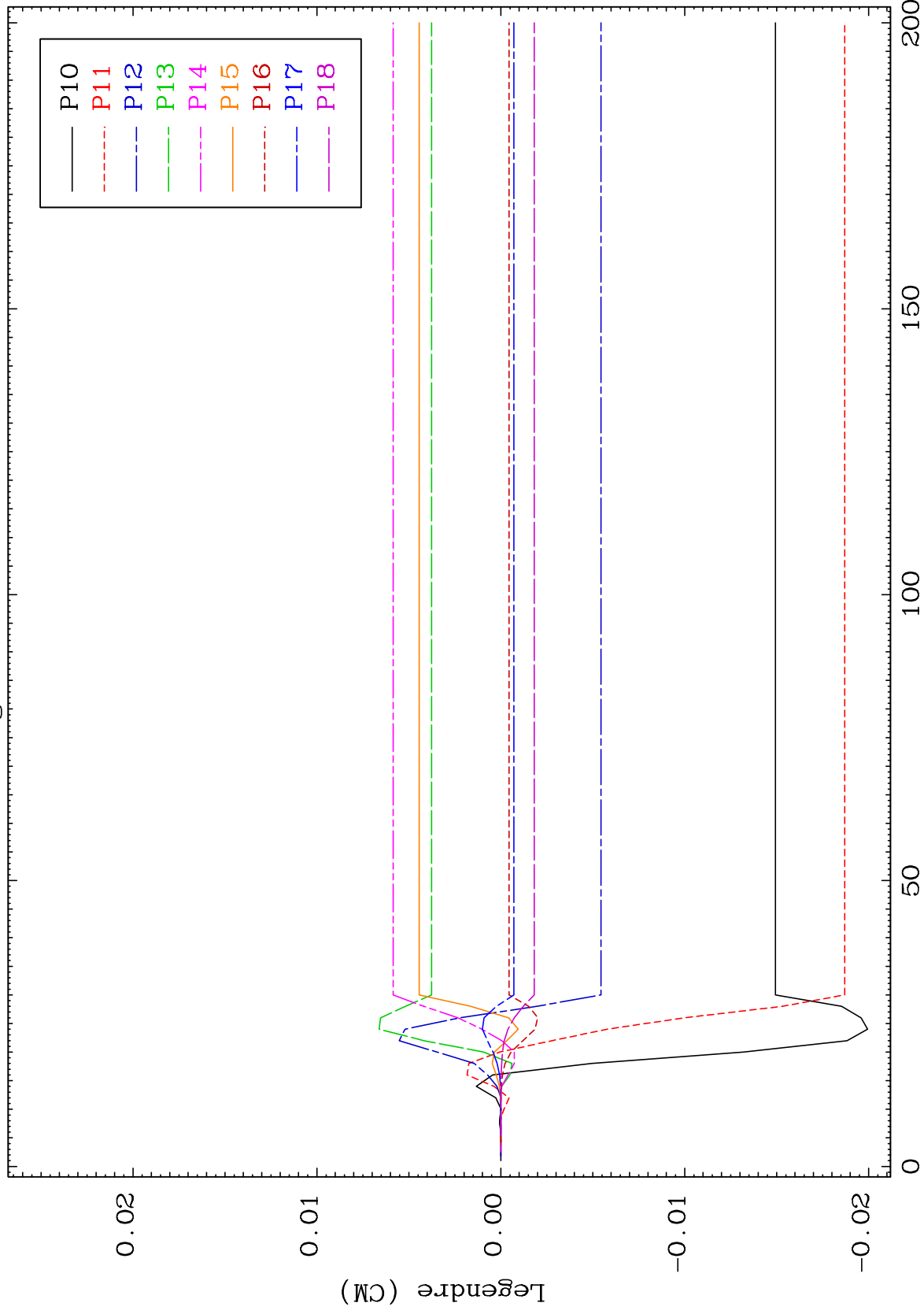
Incident Energy (MeV)

43

MAT 8707

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

87-Fr-206



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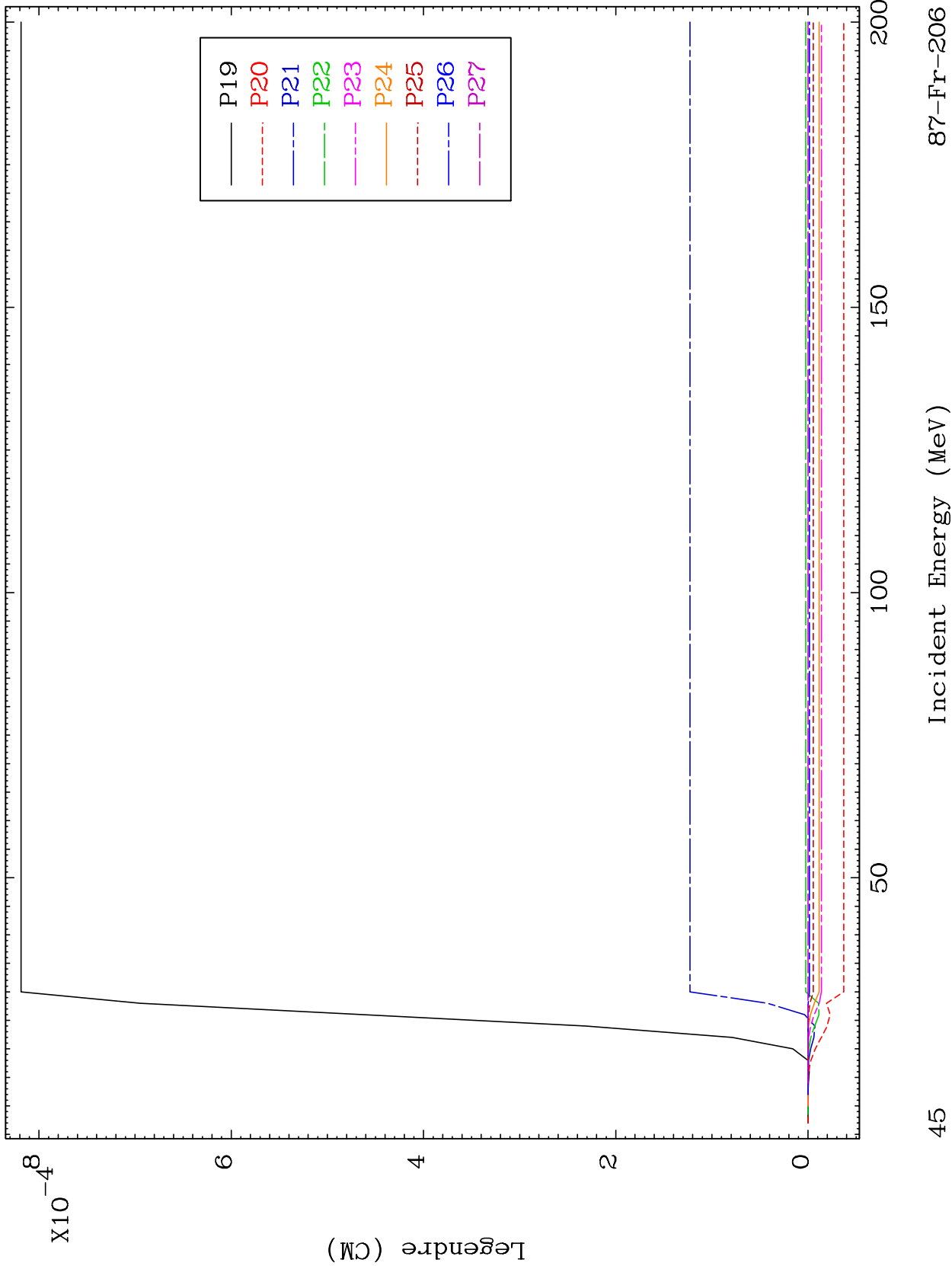
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

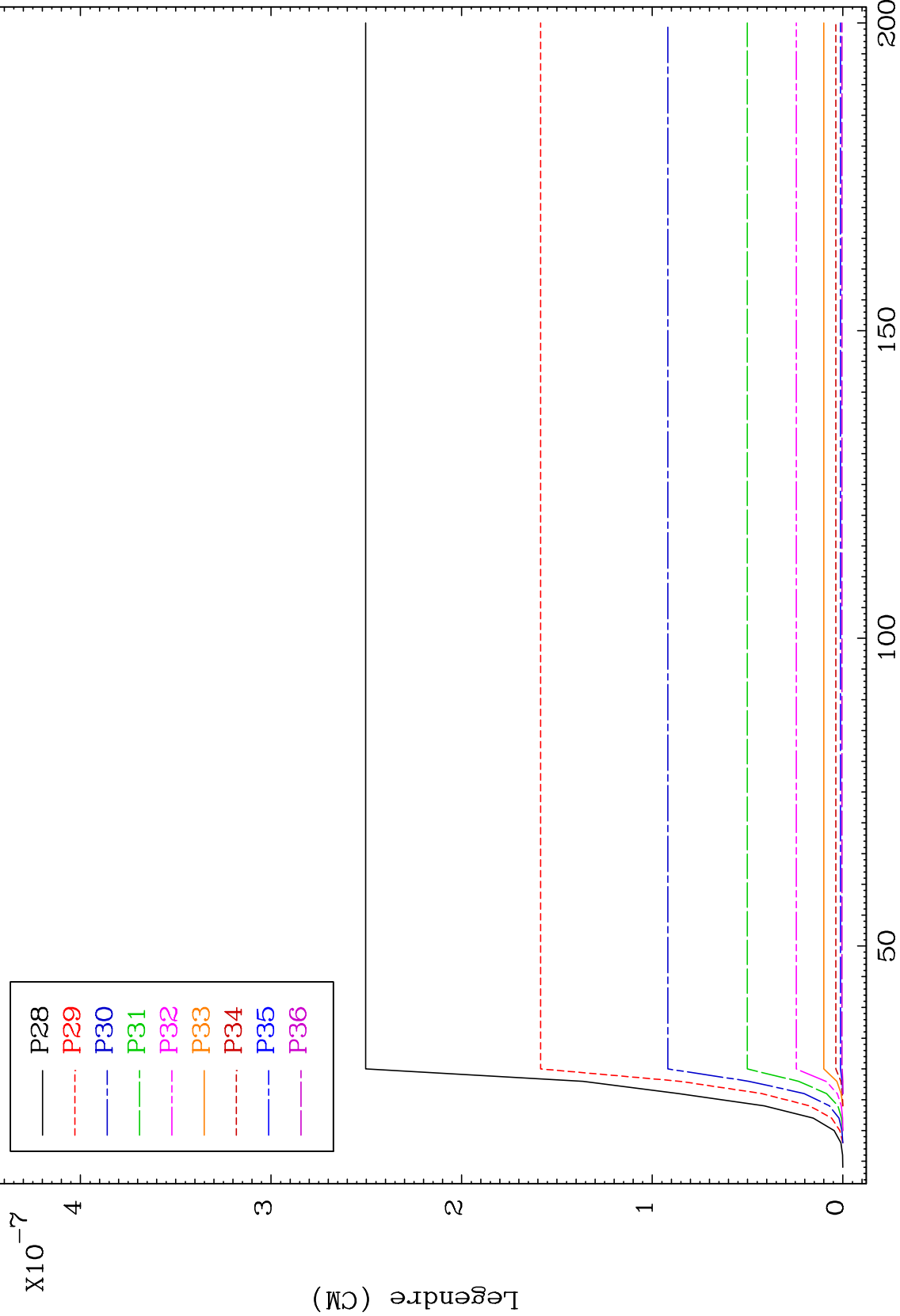
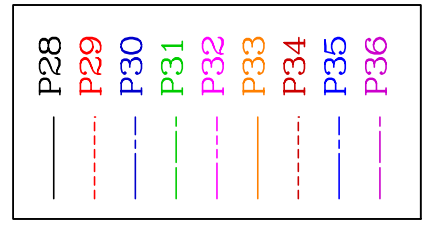
87-Fr-206



MAT 8707

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

87-Fr-206



46

Incident Energy (MeV)

87-Fr-206

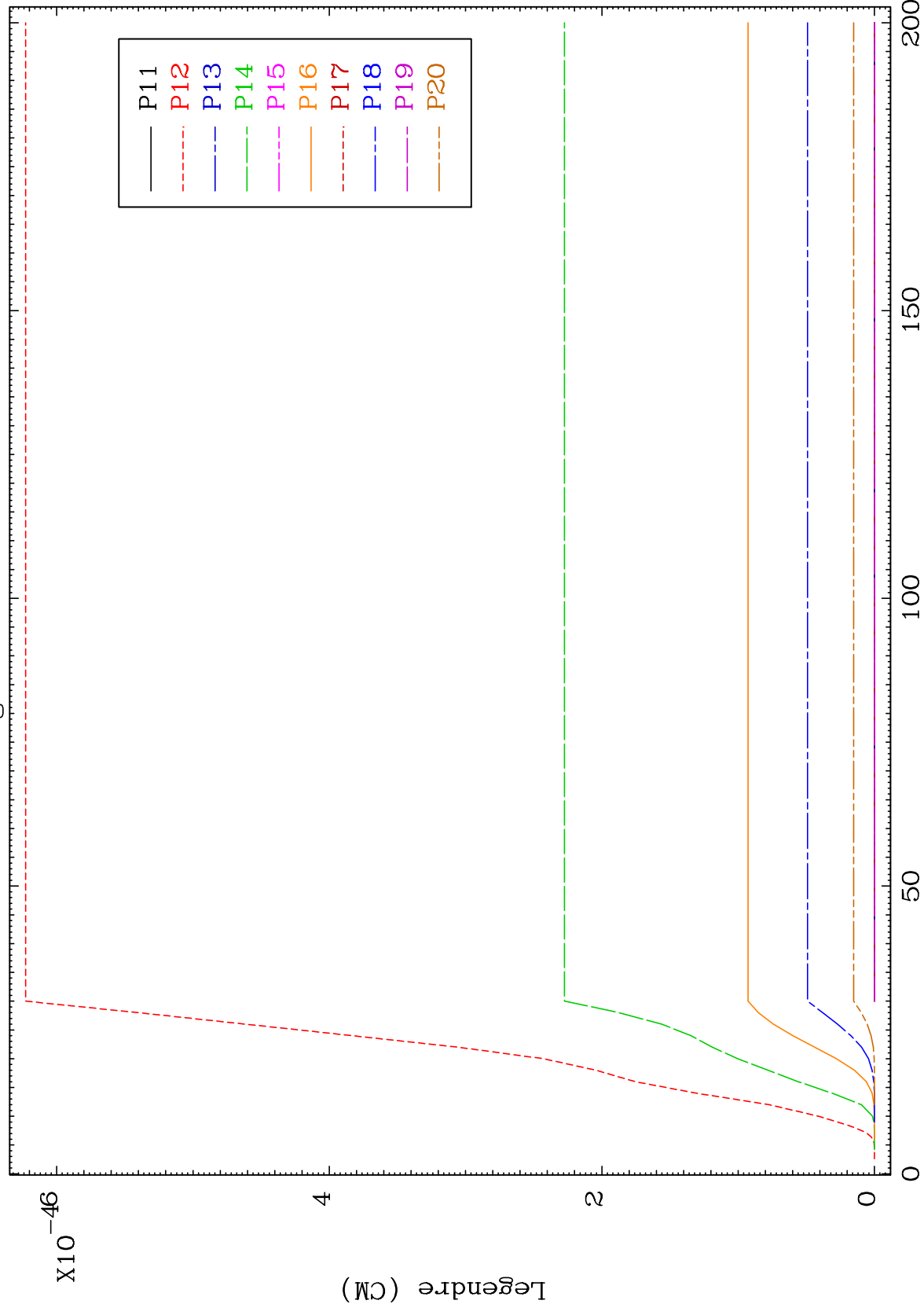




MAT 8707

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

87-Fr-206



48

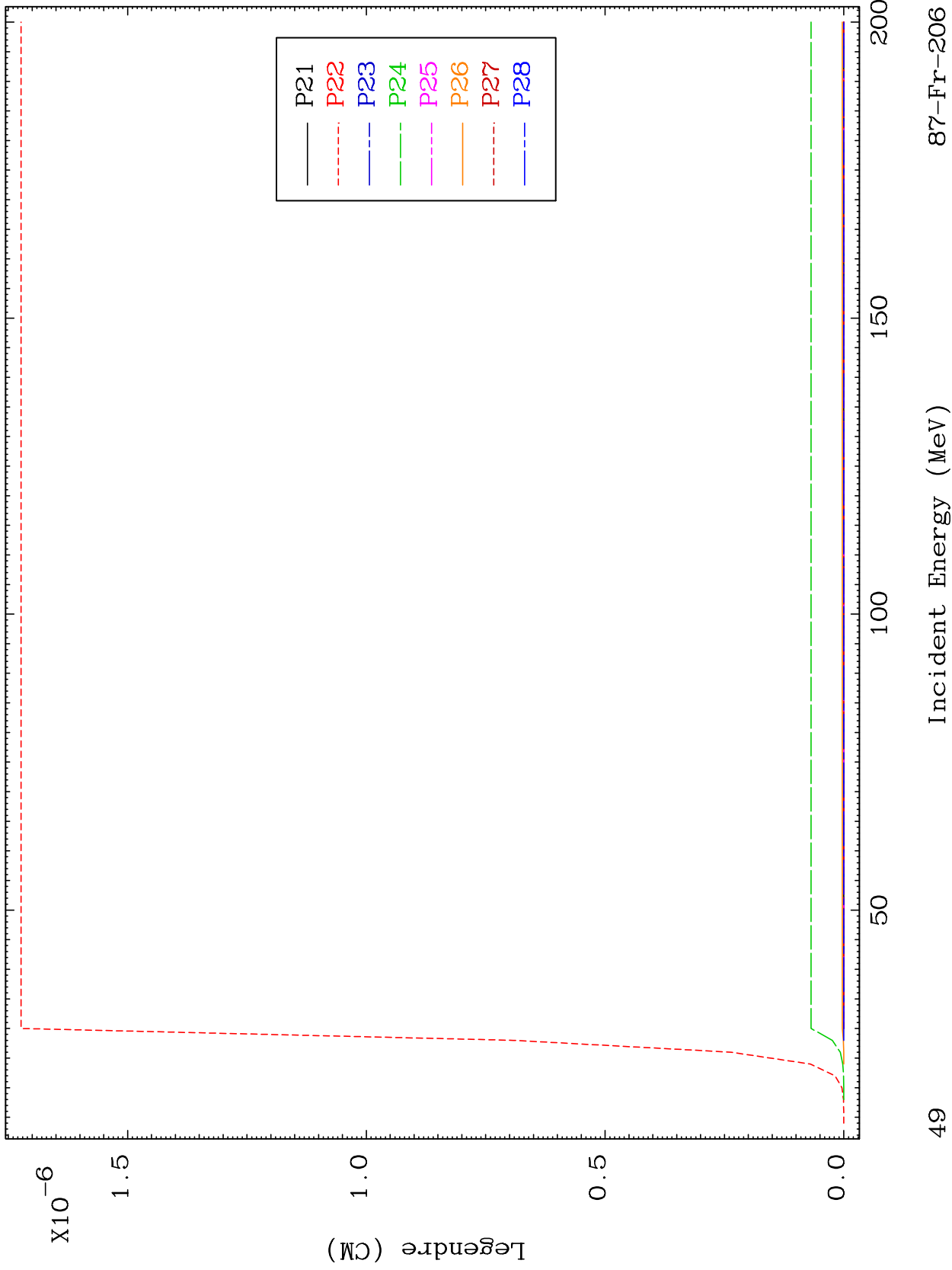
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



49

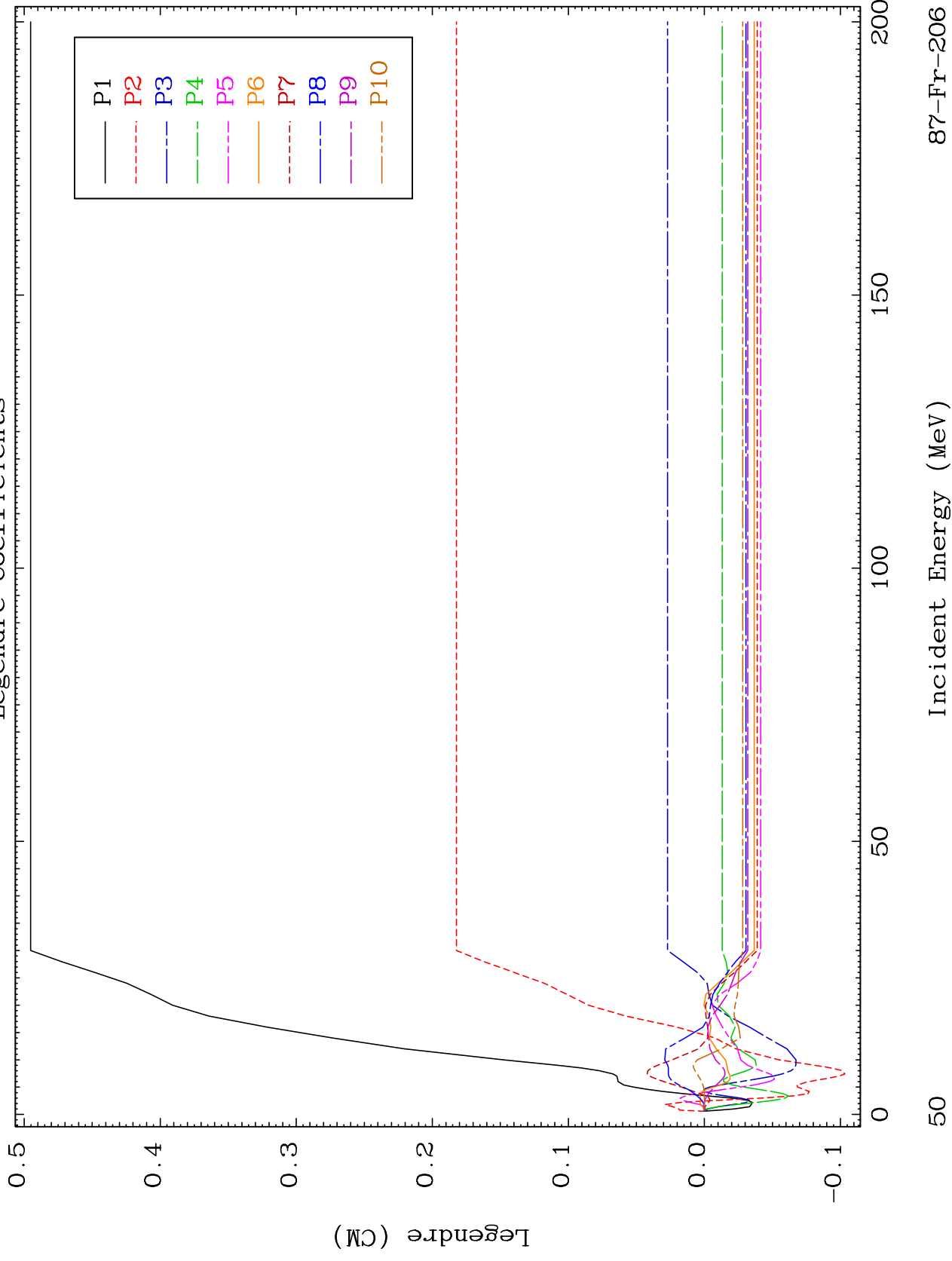
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



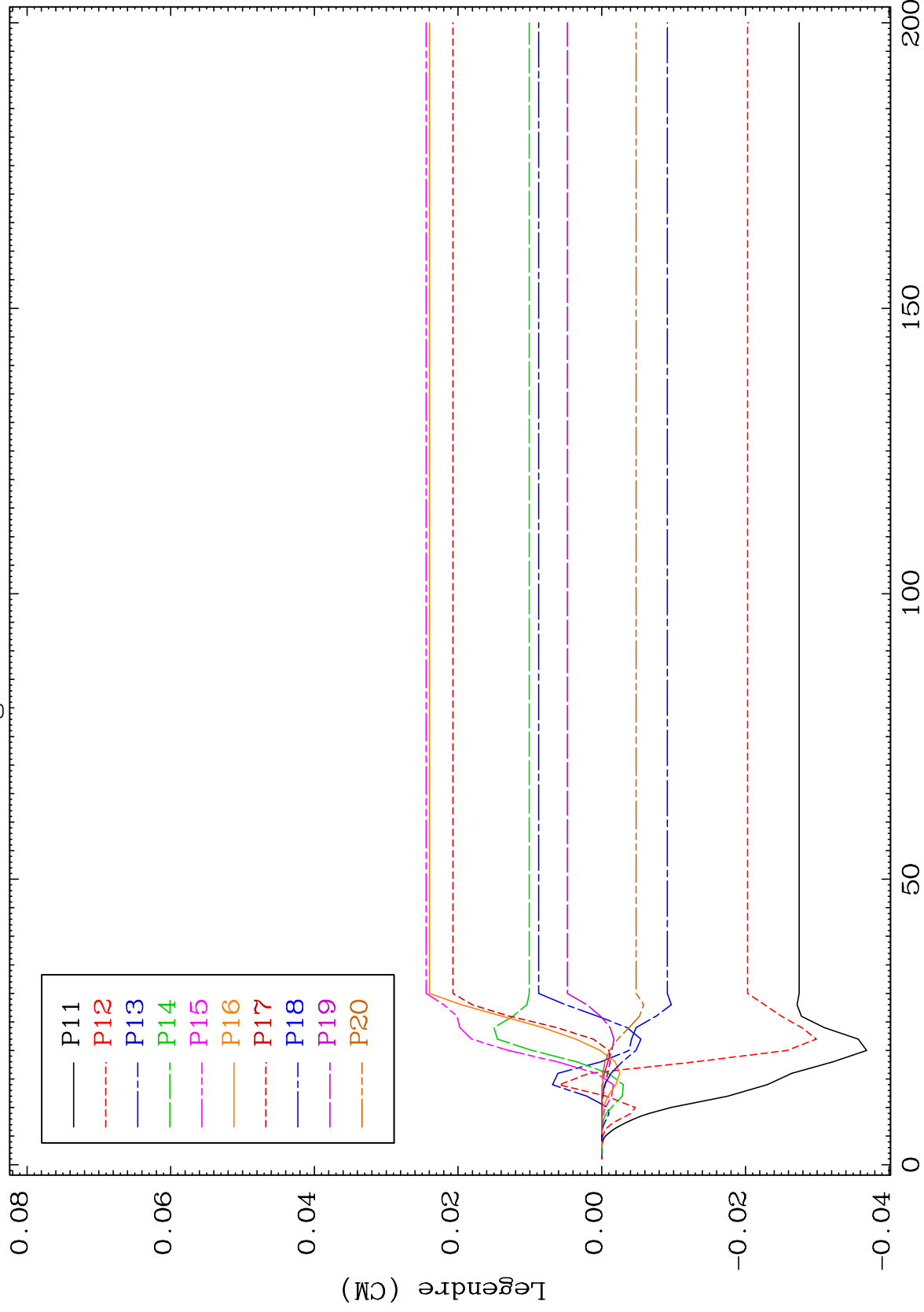
87-Fr-206

Incident Energy (MeV)

MAT 8707

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

87-Fr-206



51

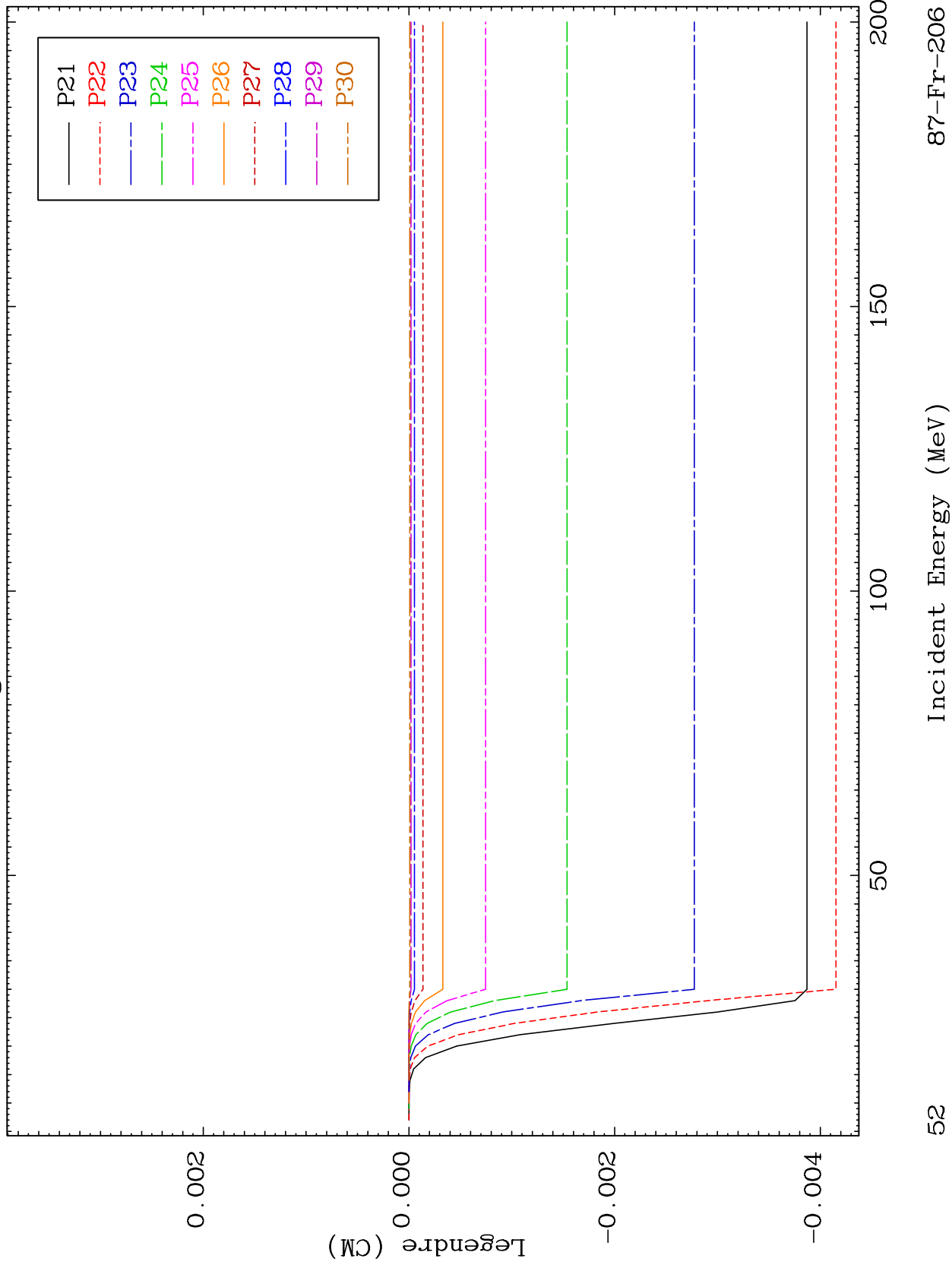
Incident Energy (MeV)

87-Fr-206

MAT 8707

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

87-Fr-206



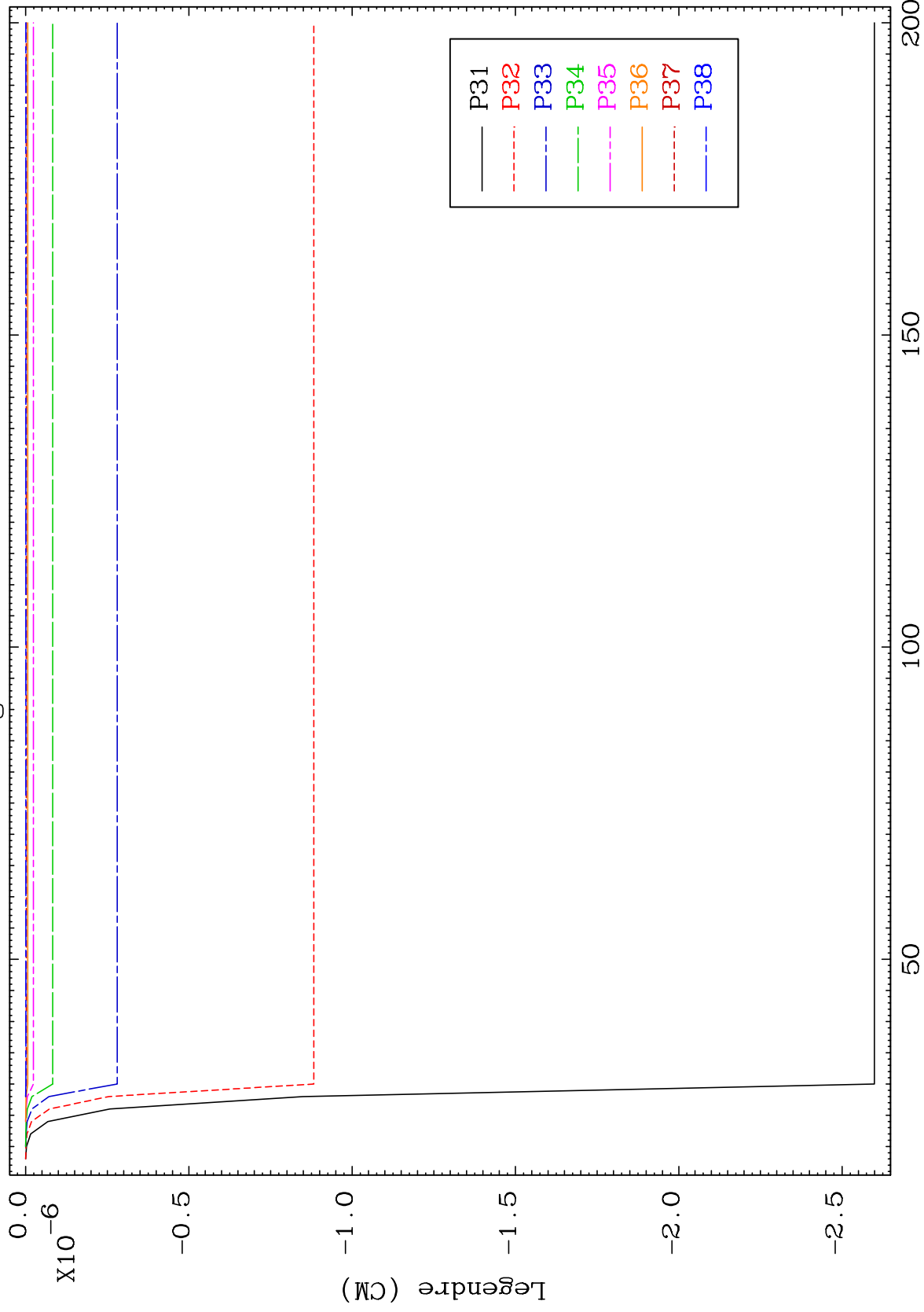
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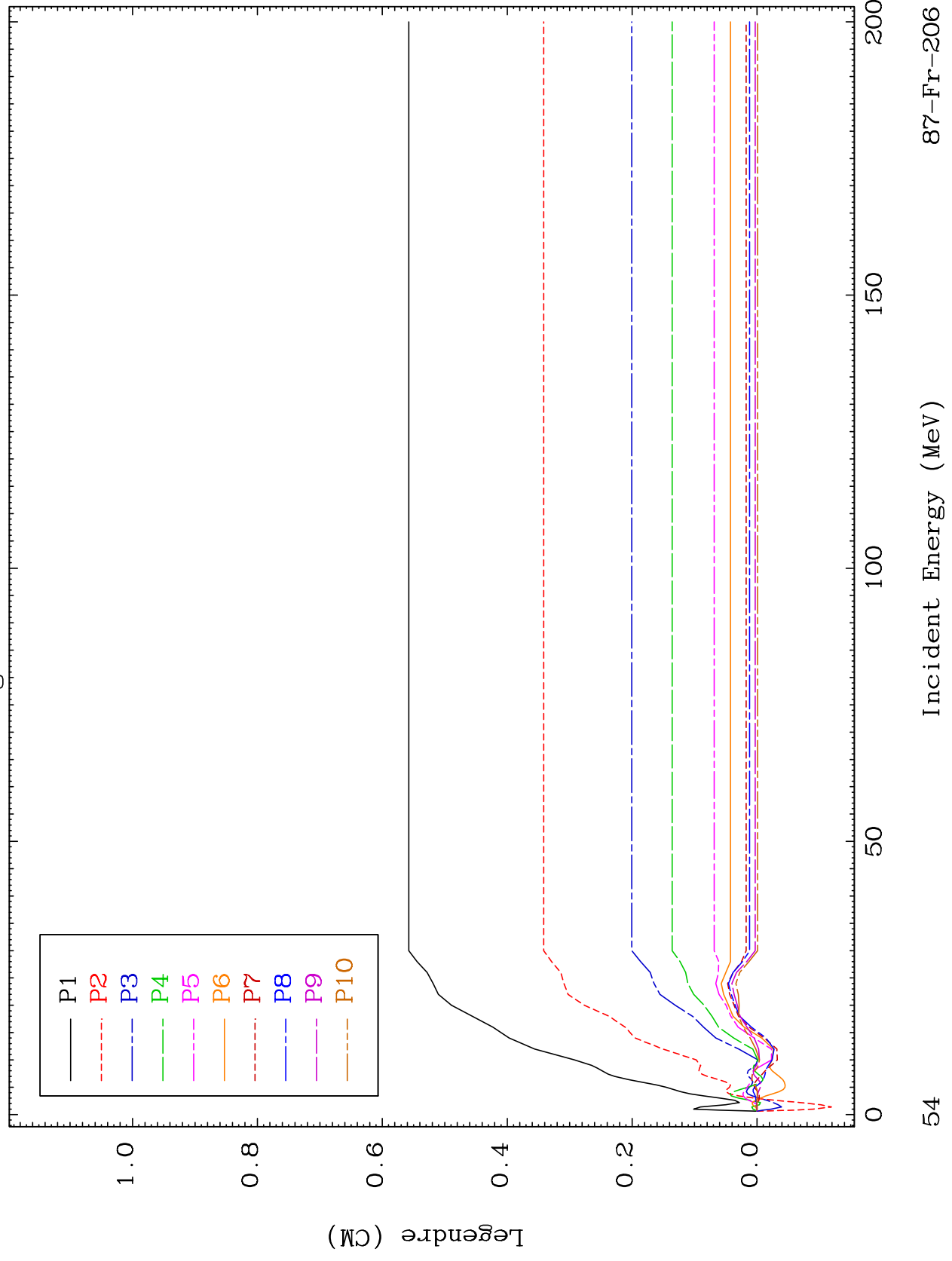
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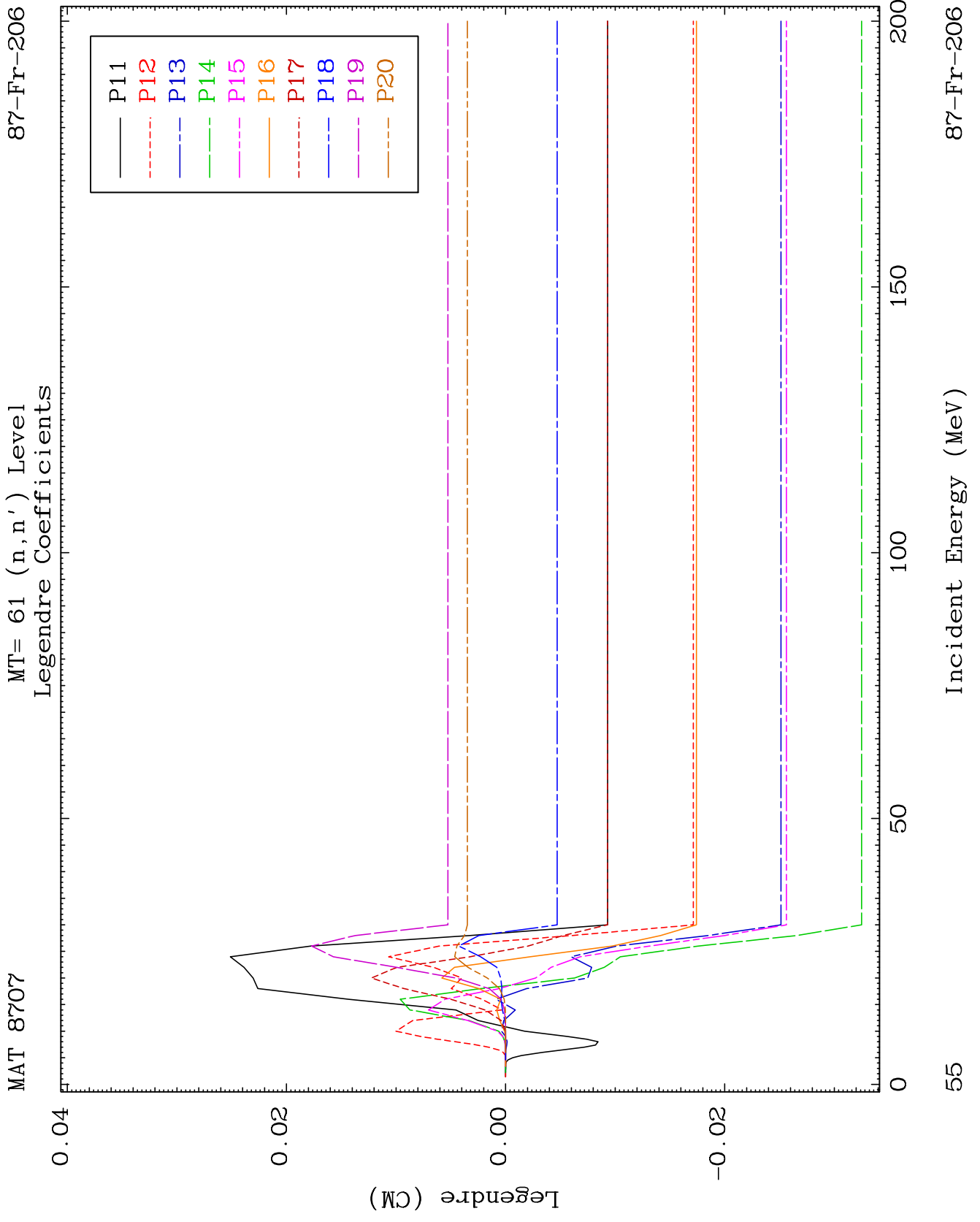
MAT 8707

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

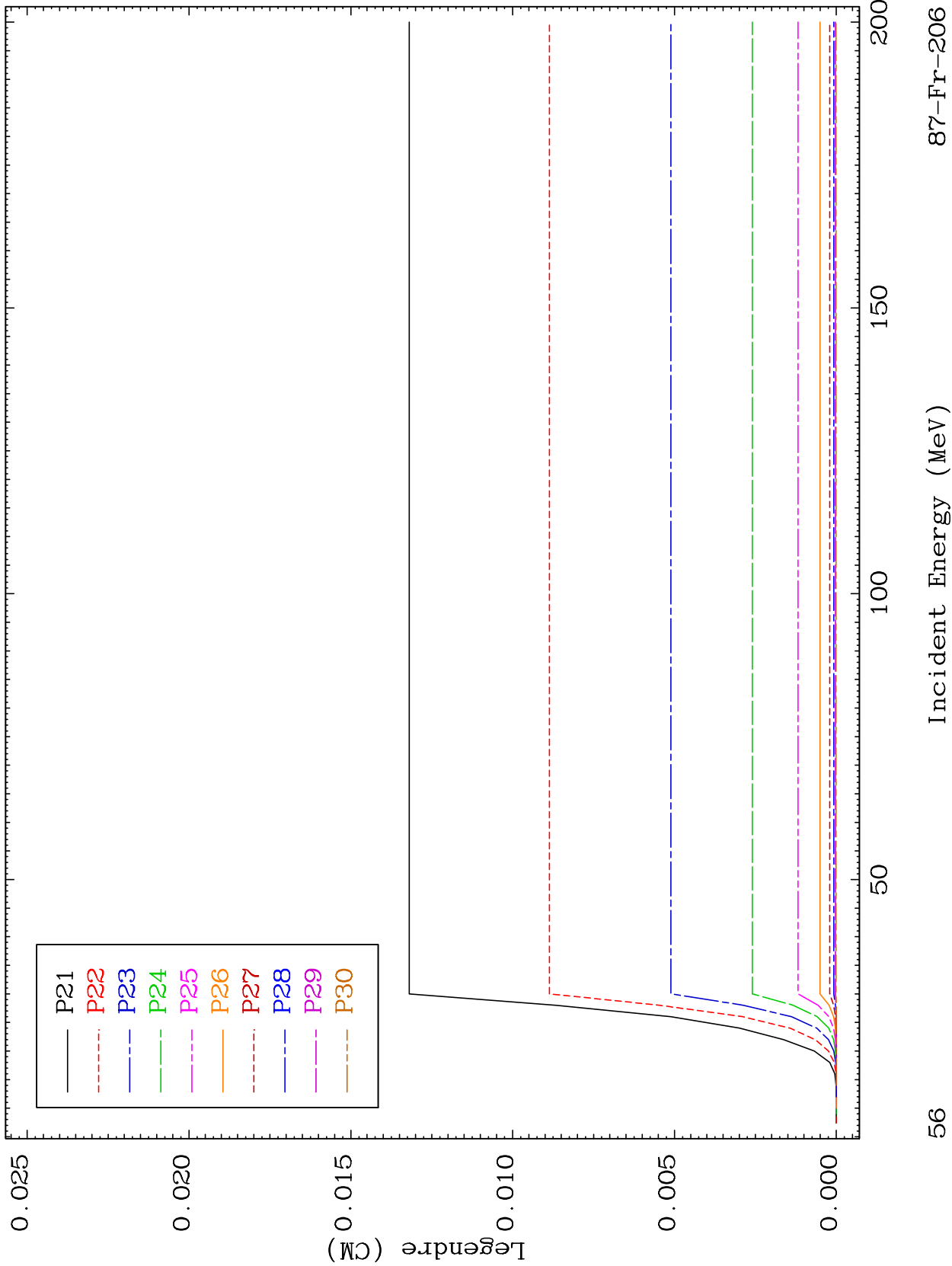
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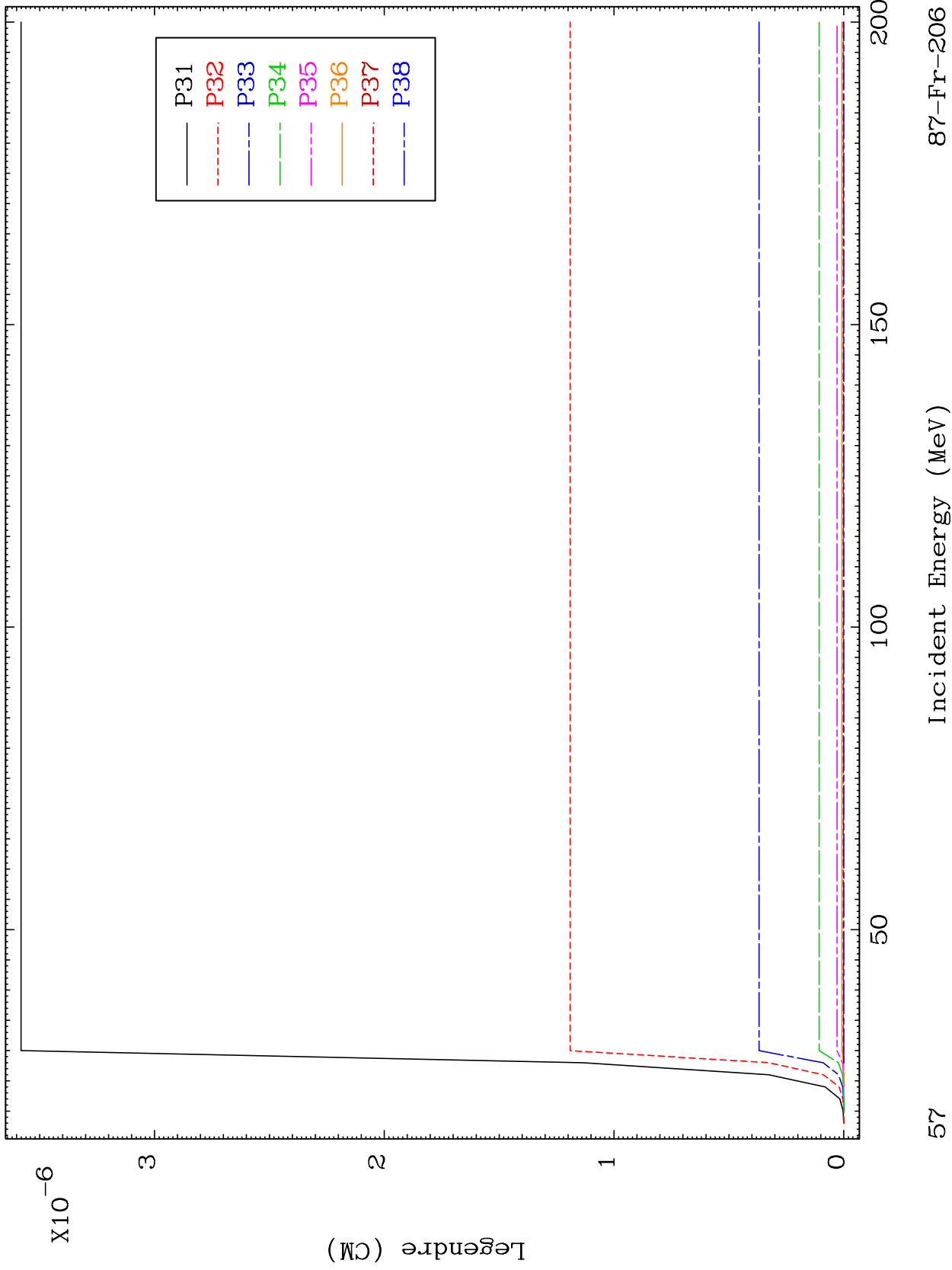




MAT 8707

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

87-Fr-206



57

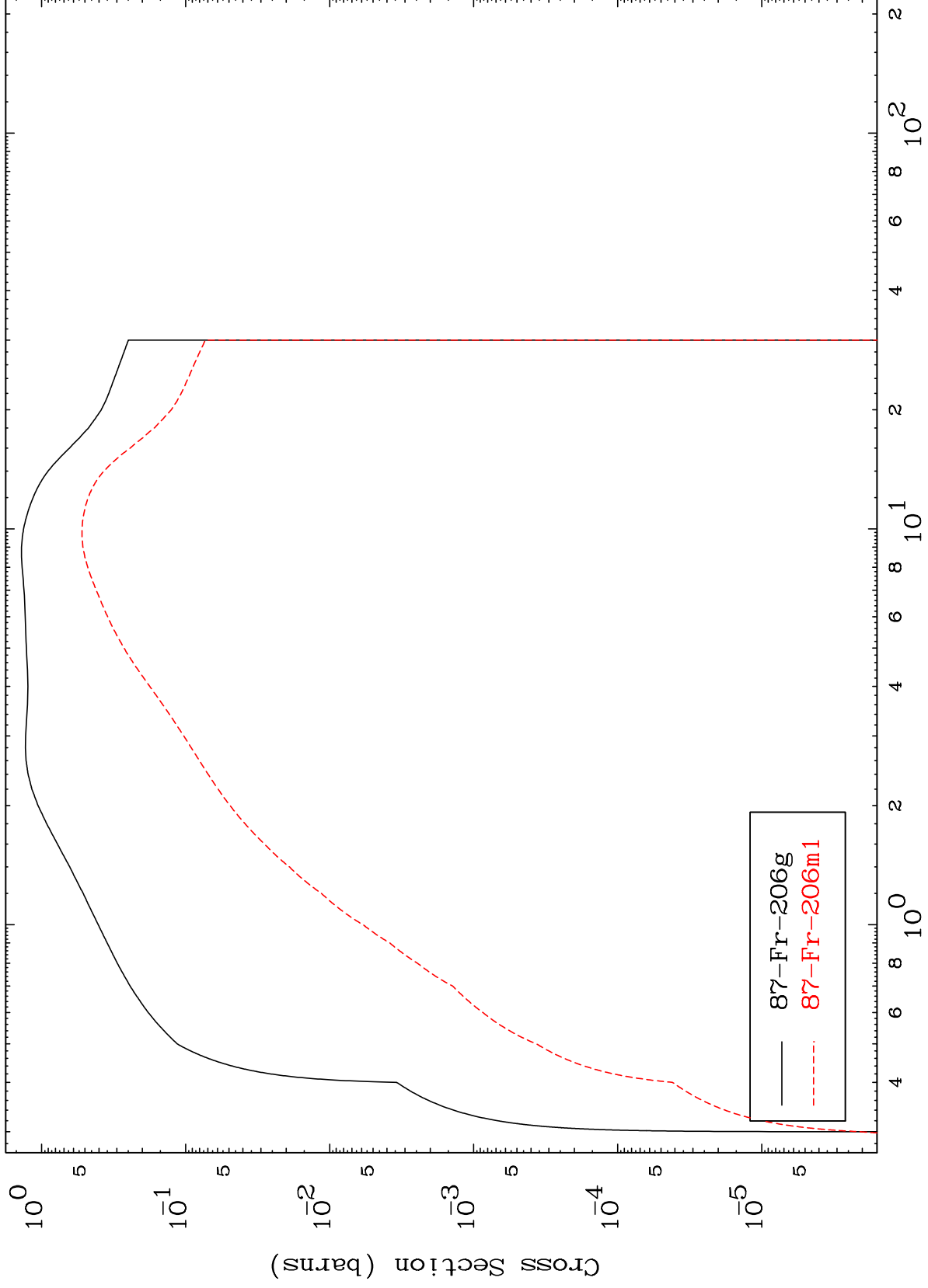
Incident Energy (MeV)

87-Fr-206

MAT 8707

Inelastic  
Radionuclide Production Cross Section

87-Fr-206

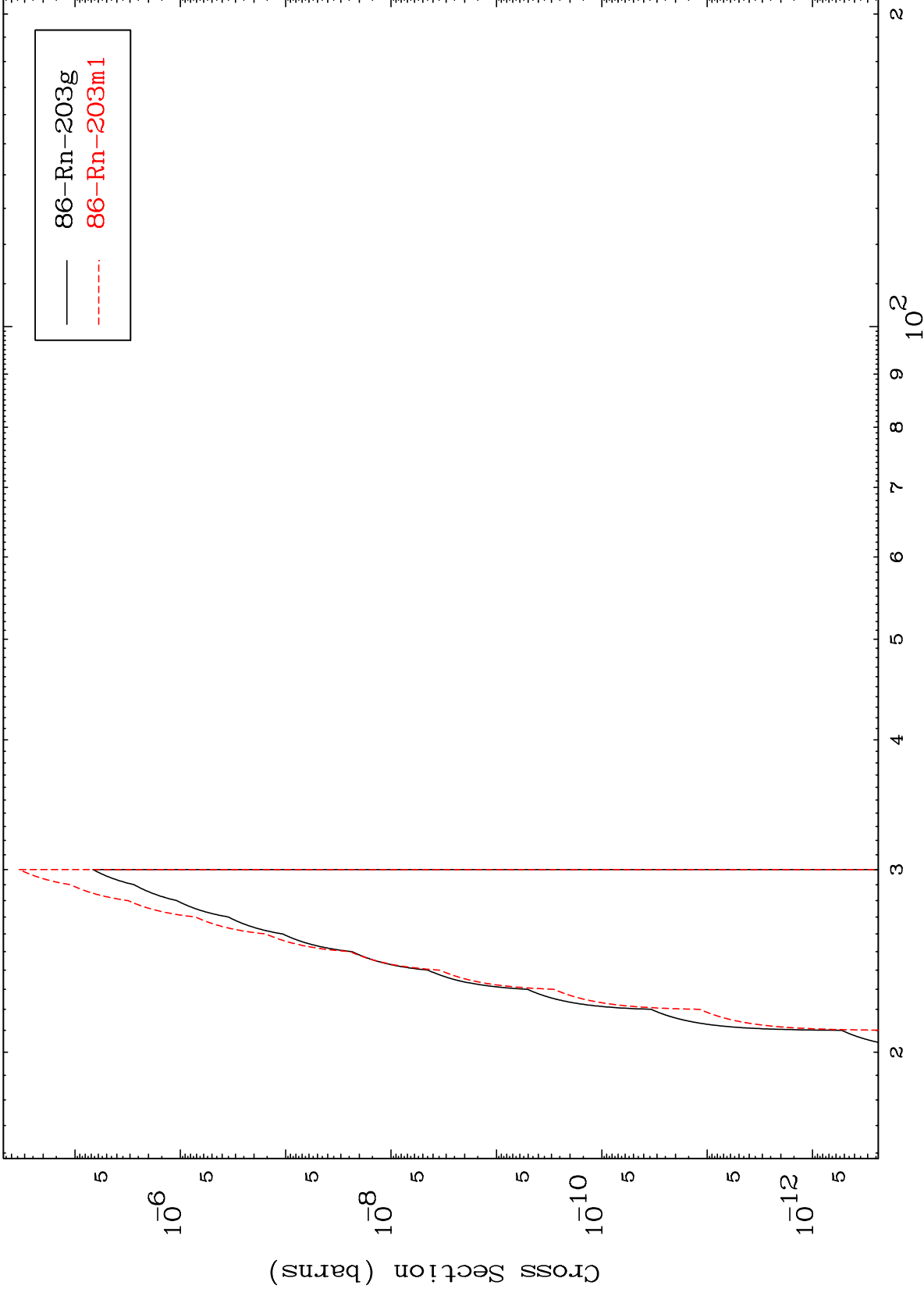


87-Fr-206g  
87-Fr-206m1

Incident Energy (MeV)

87-Fr-206

Radionuclide Production Cross Section

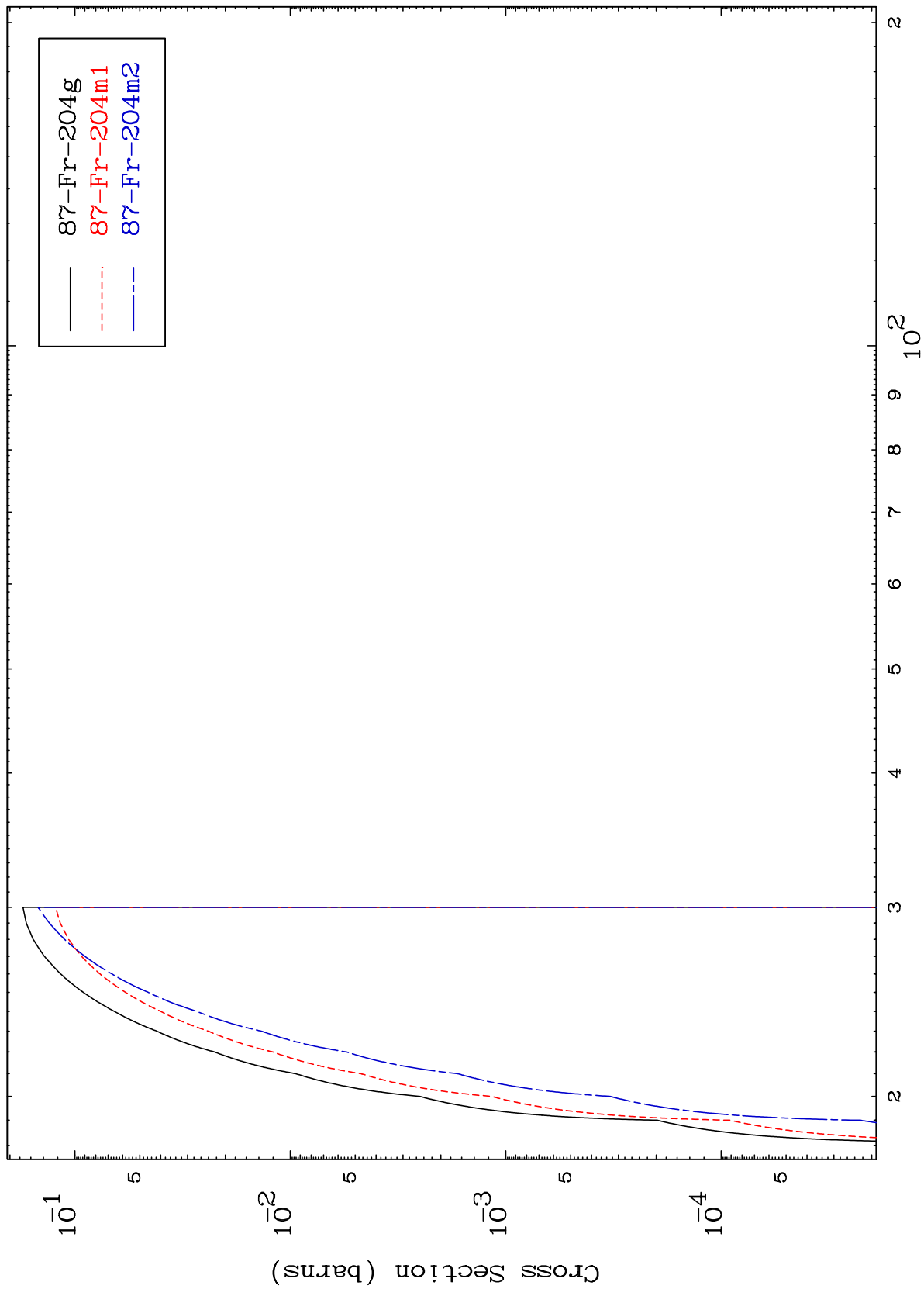


86-Rn-203g  
86-Rn-203m1

MAT 8707

87-Fr-206

(n,3n)  
Radionuclide Production Cross Section



60

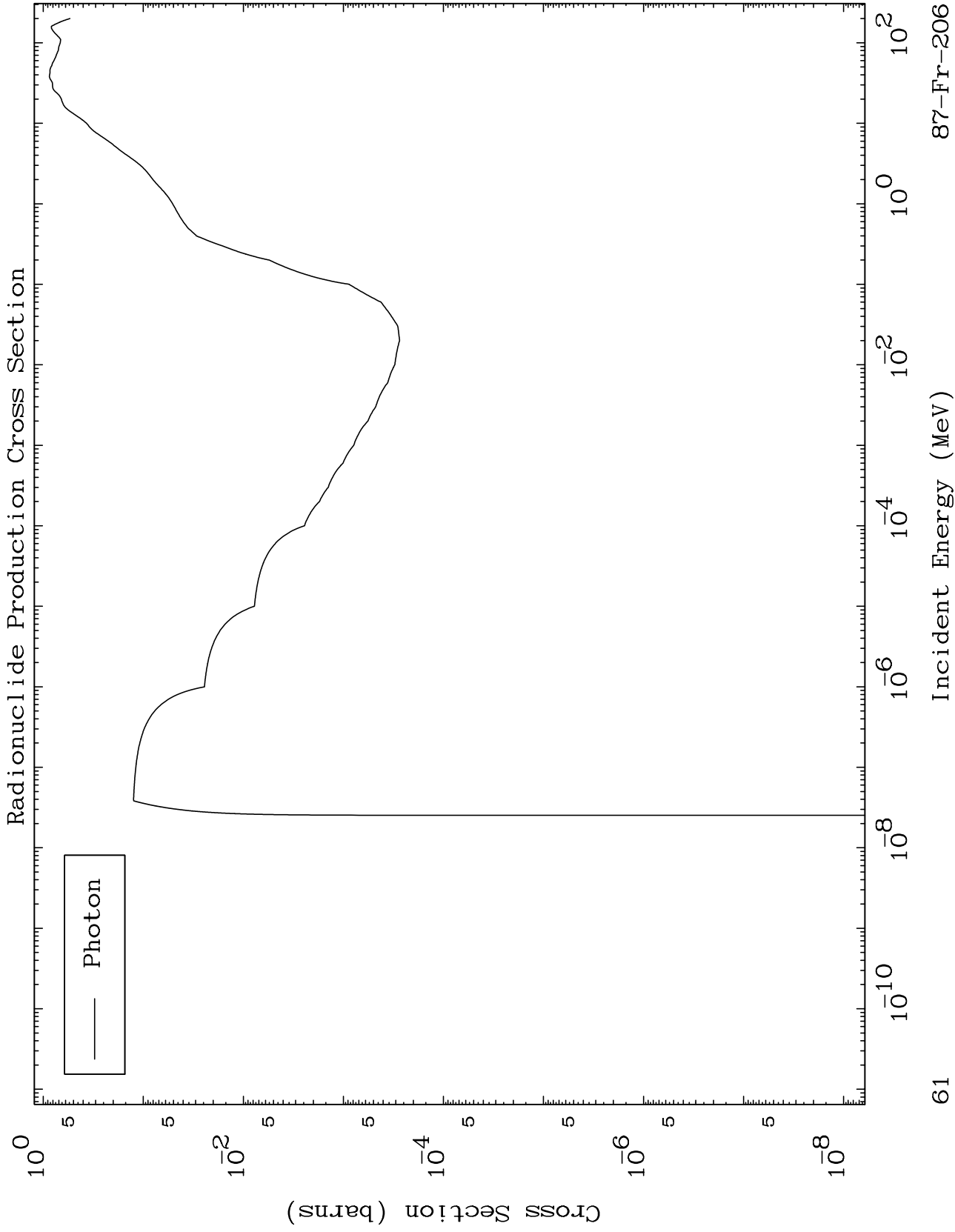
Incident Energy (MeV)

87-Fr-206

MAT 8707

Fission

87-Fr-206

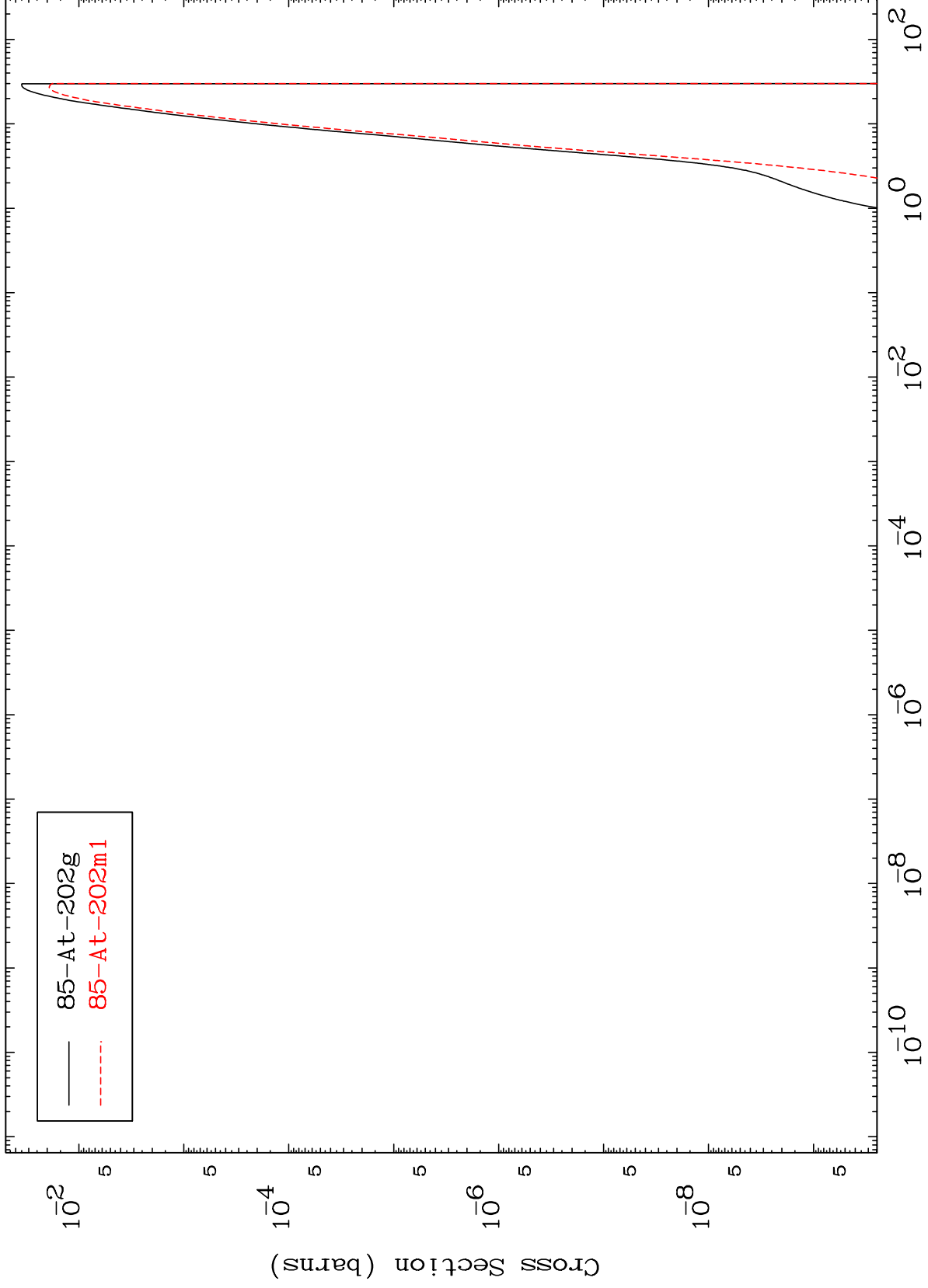


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$(n, n') \alpha$

87-Fr-206

Radionuclide Production Cross Section



62

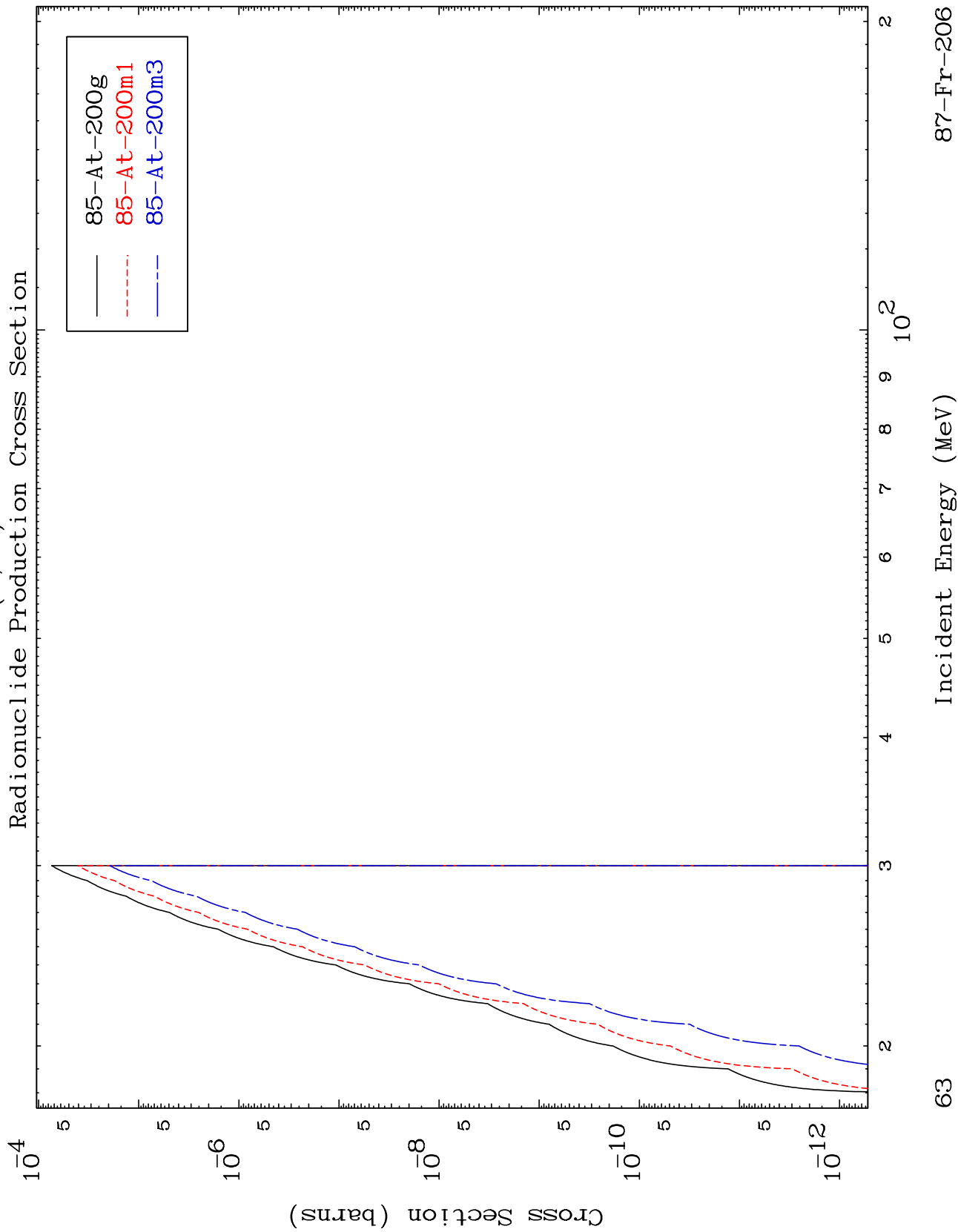
Incident Energy (MeV)

87-Fr-206

MAT 8707

(n,3n)  $\alpha$

87-Fr-206



63

87-Fr-206

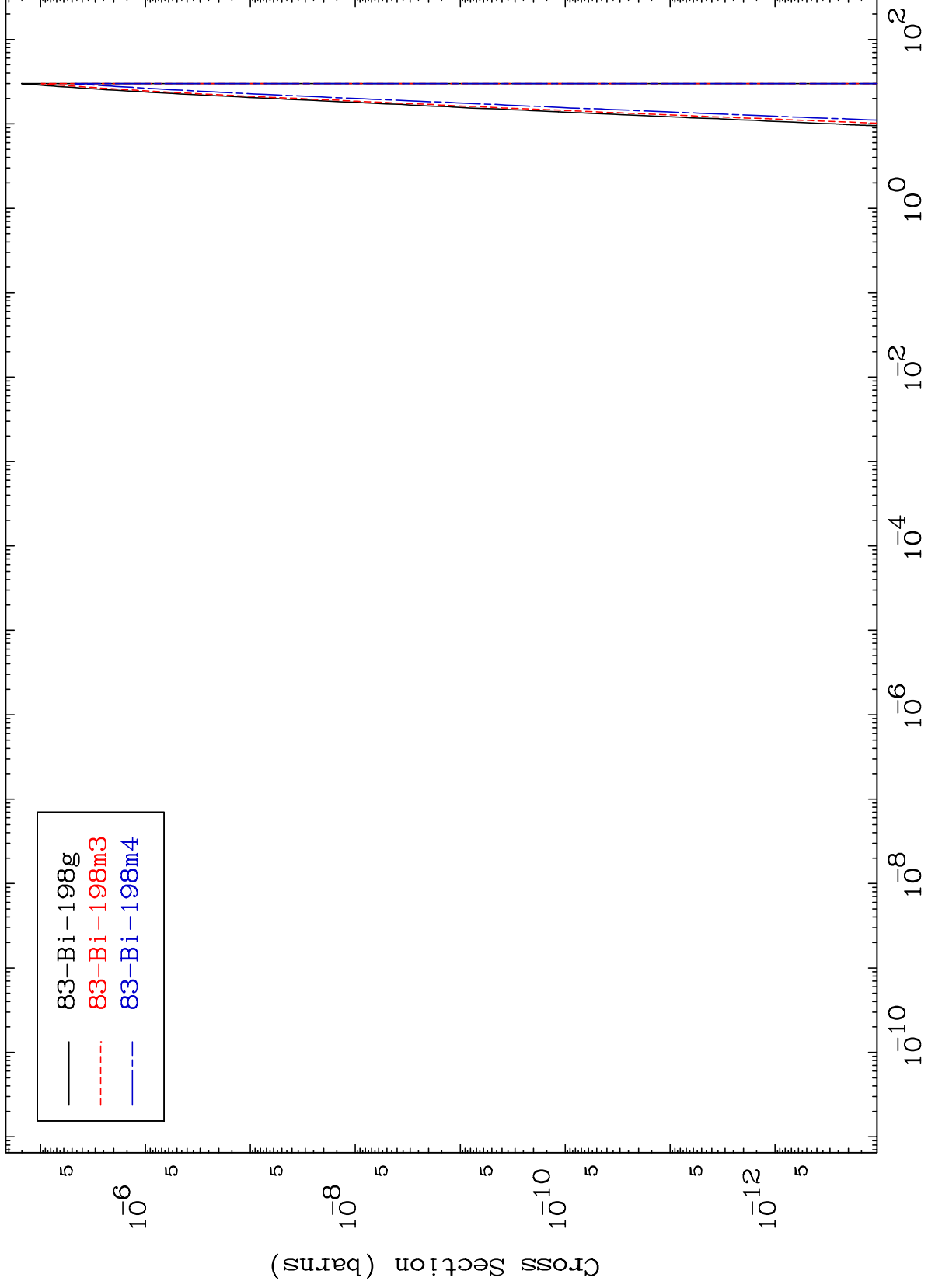


MAT 8707

(n,n') 2 $\alpha$

87-Fr-206

Radionuclide Production Cross Section



64

Incident Energy (MeV)

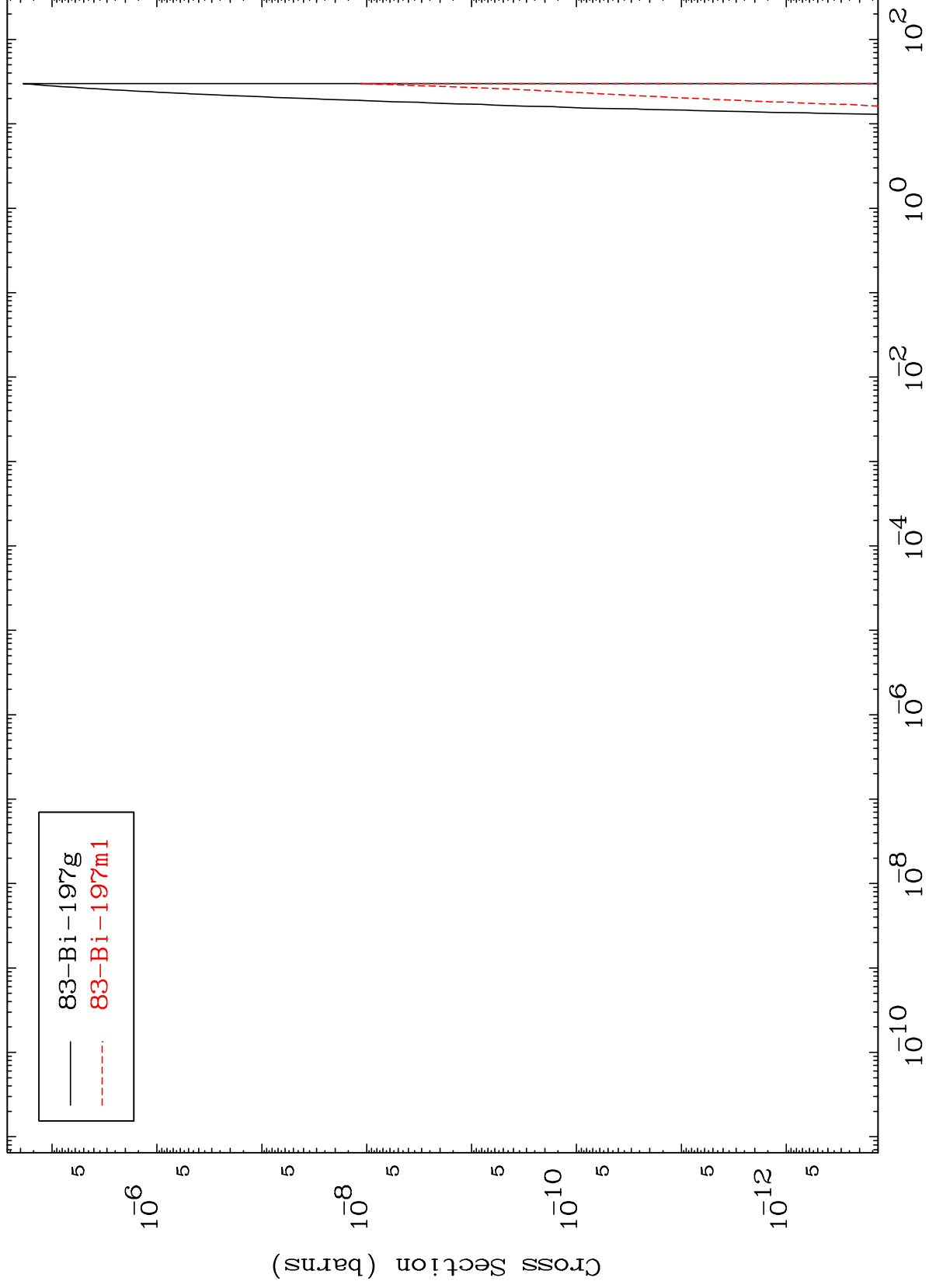
87-Fr-206

MAT 8707

(n,2n) 2 $\alpha$

87-Fr-206

Radionuclide Production Cross Section



65

Incident Energy (MeV)

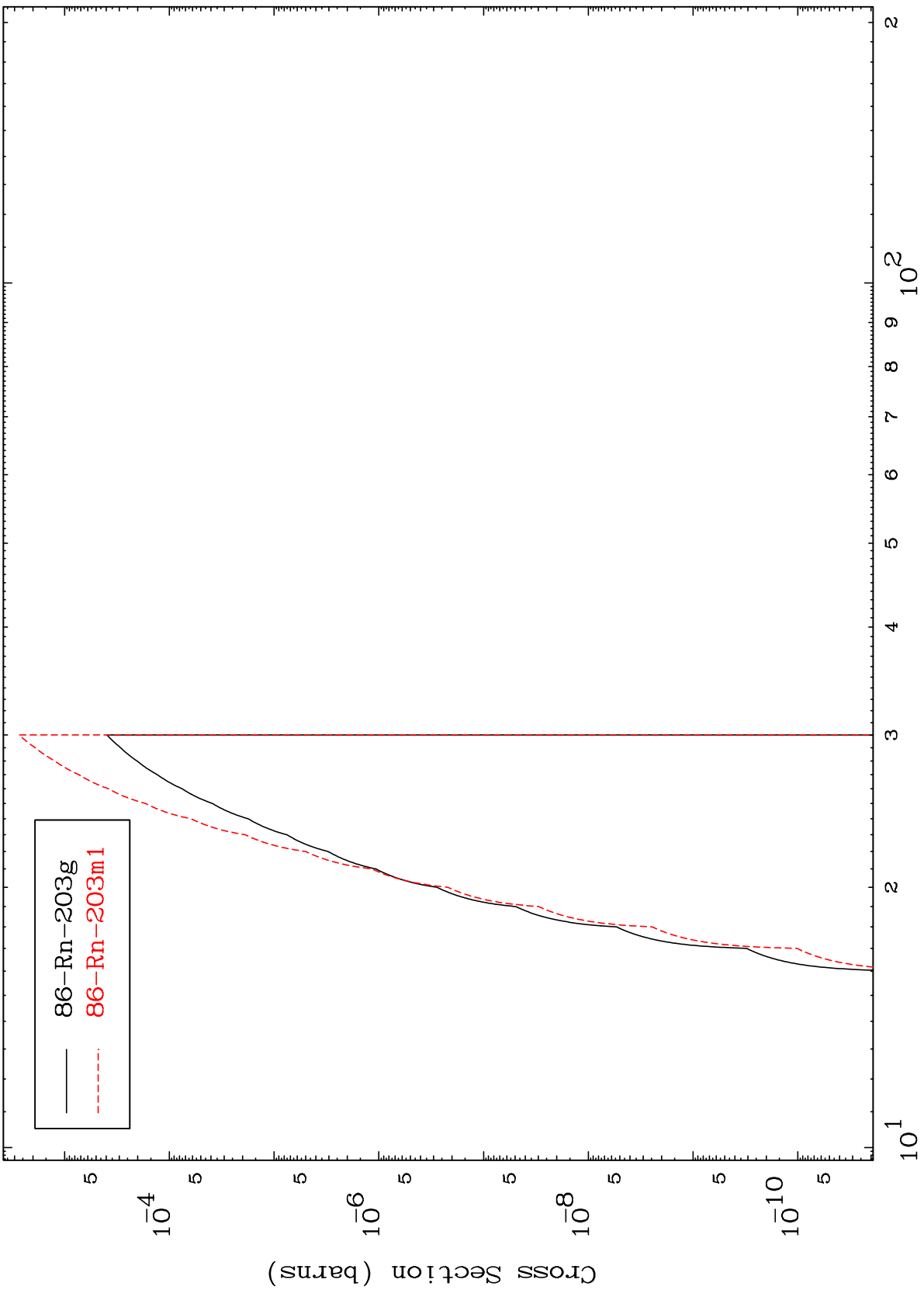
87-Fr-206

MAT 8707

(n,n') t

87-Fr-206

Radionuclide Production Cross Section



66

Incident Energy (MeV)

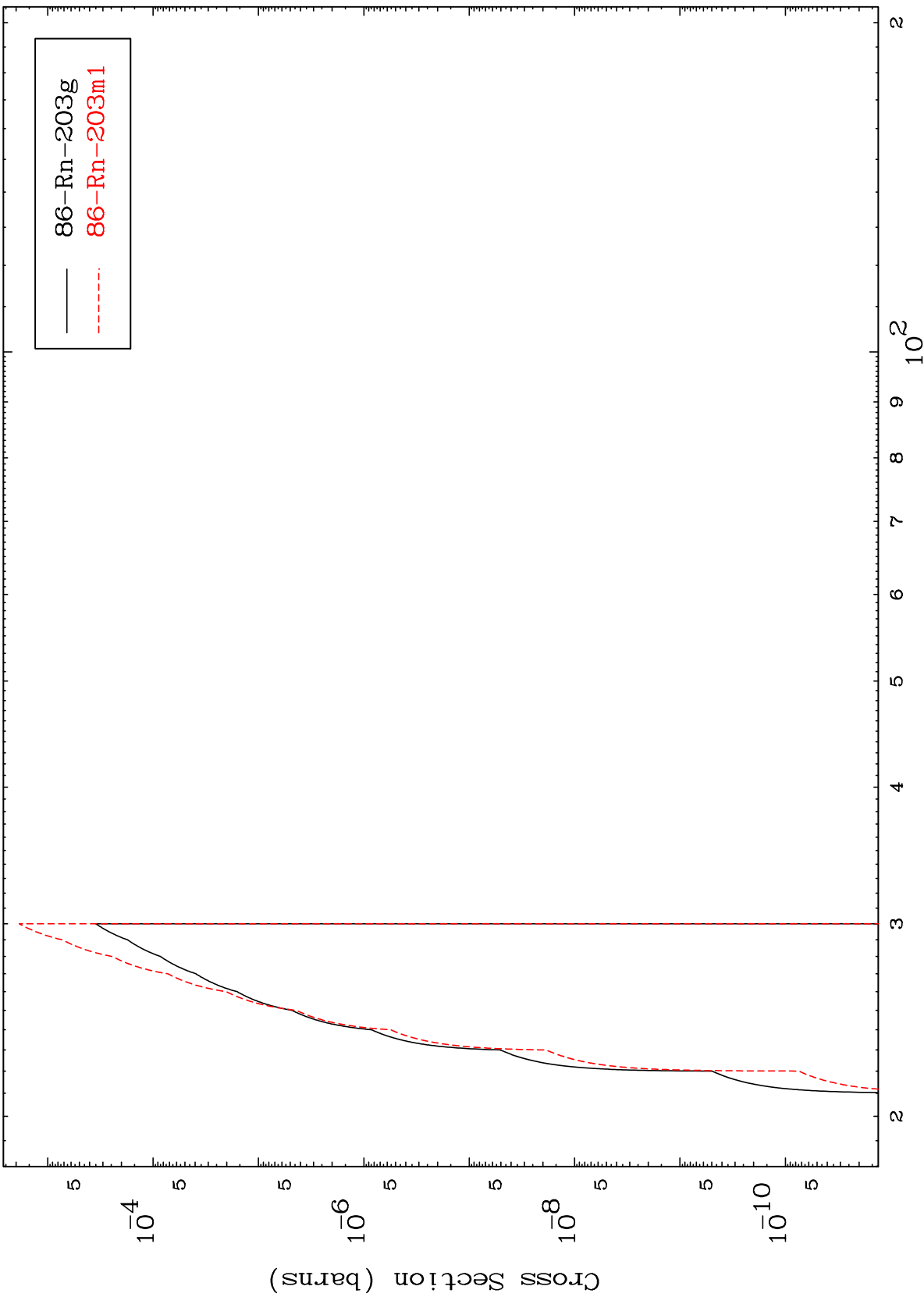
87-Fr-206

MAT 8707

(n,3n) p

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Radionuclide Production Cross Section



67

Incident Energy (MeV)

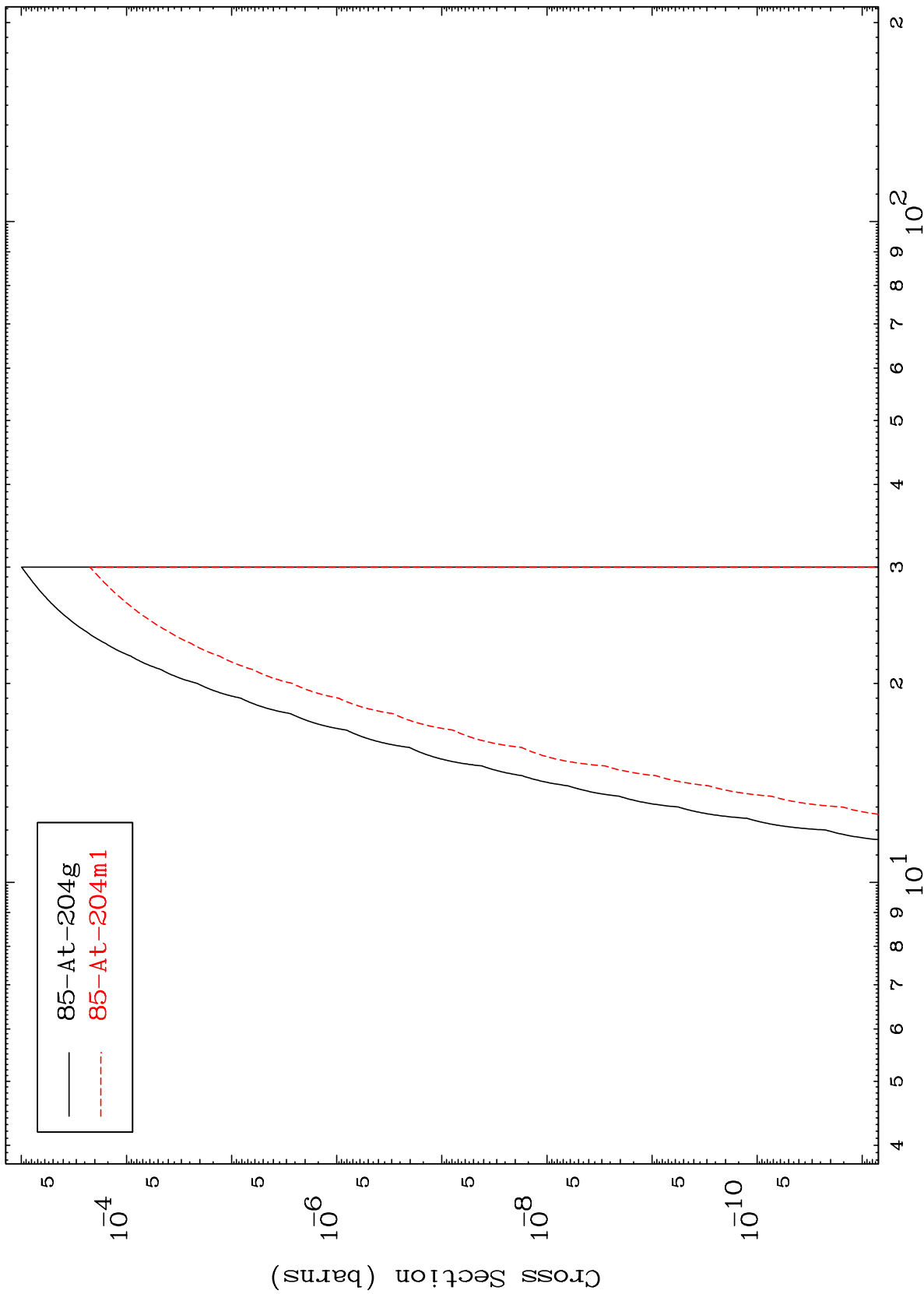
87-Fr-206

MAT 8707

(n,2n) p

87-Fr-206

Radionuclide Production Cross Section



68

Incident Energy (MeV)

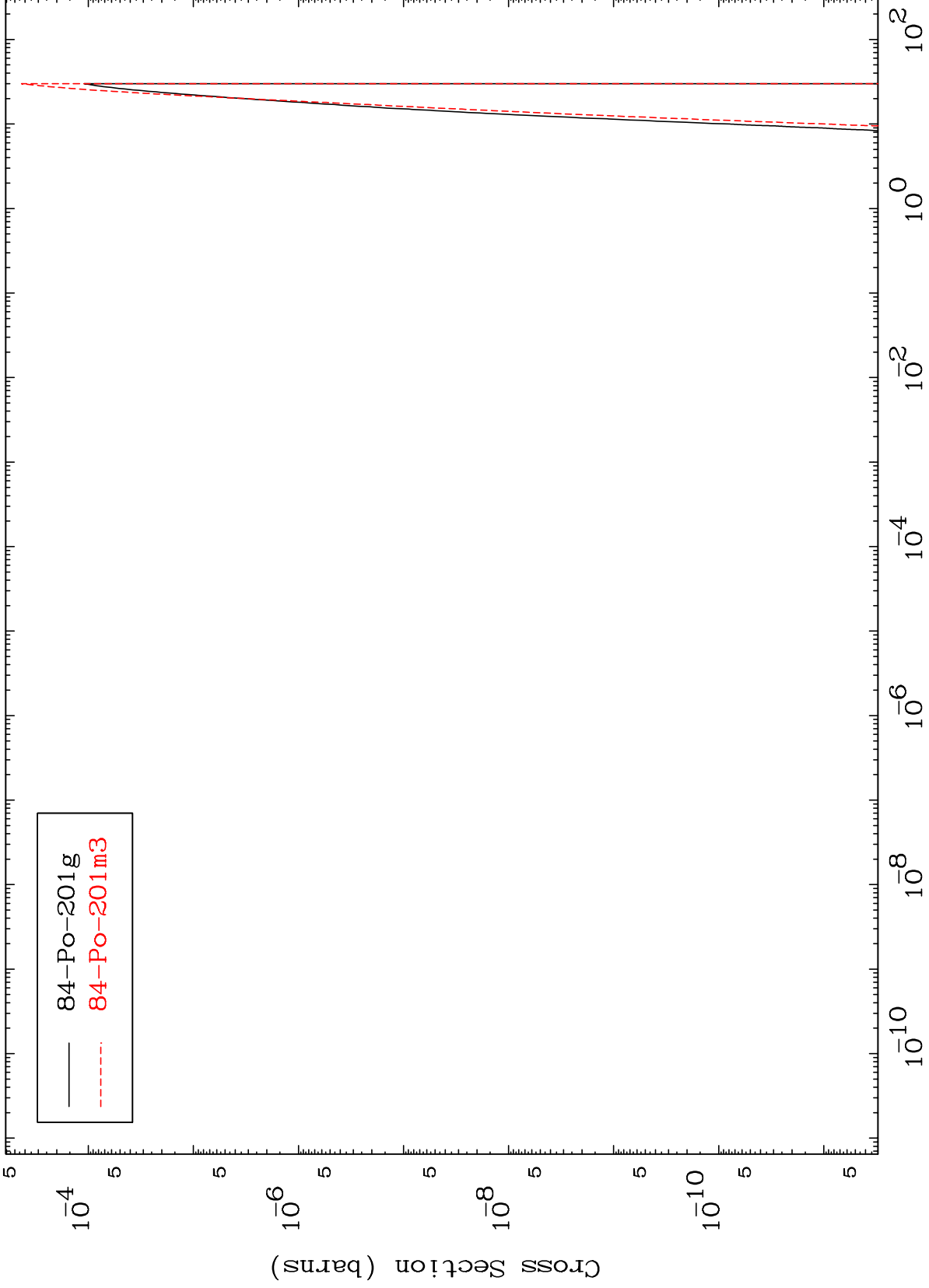
87-Fr-206

MAT 8707

(n,n') p  $\alpha$

87-Fr-206

Radionuclide Production Cross Section



69

Incident Energy (MeV)

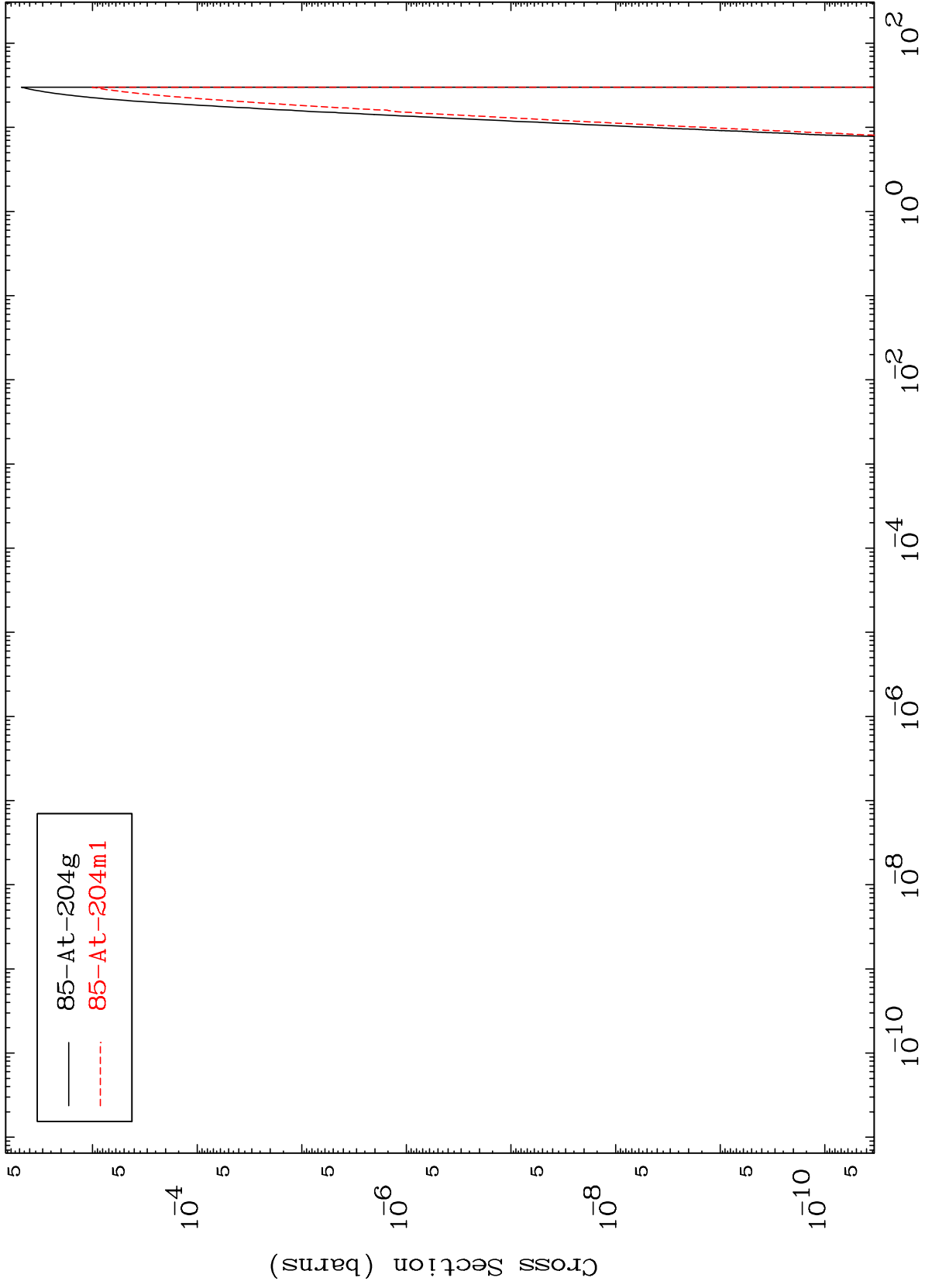
87-Fr-206

MAT 8707

(n,He-3)

87-Fr-206

Radionuclide Production Cross Section



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

70

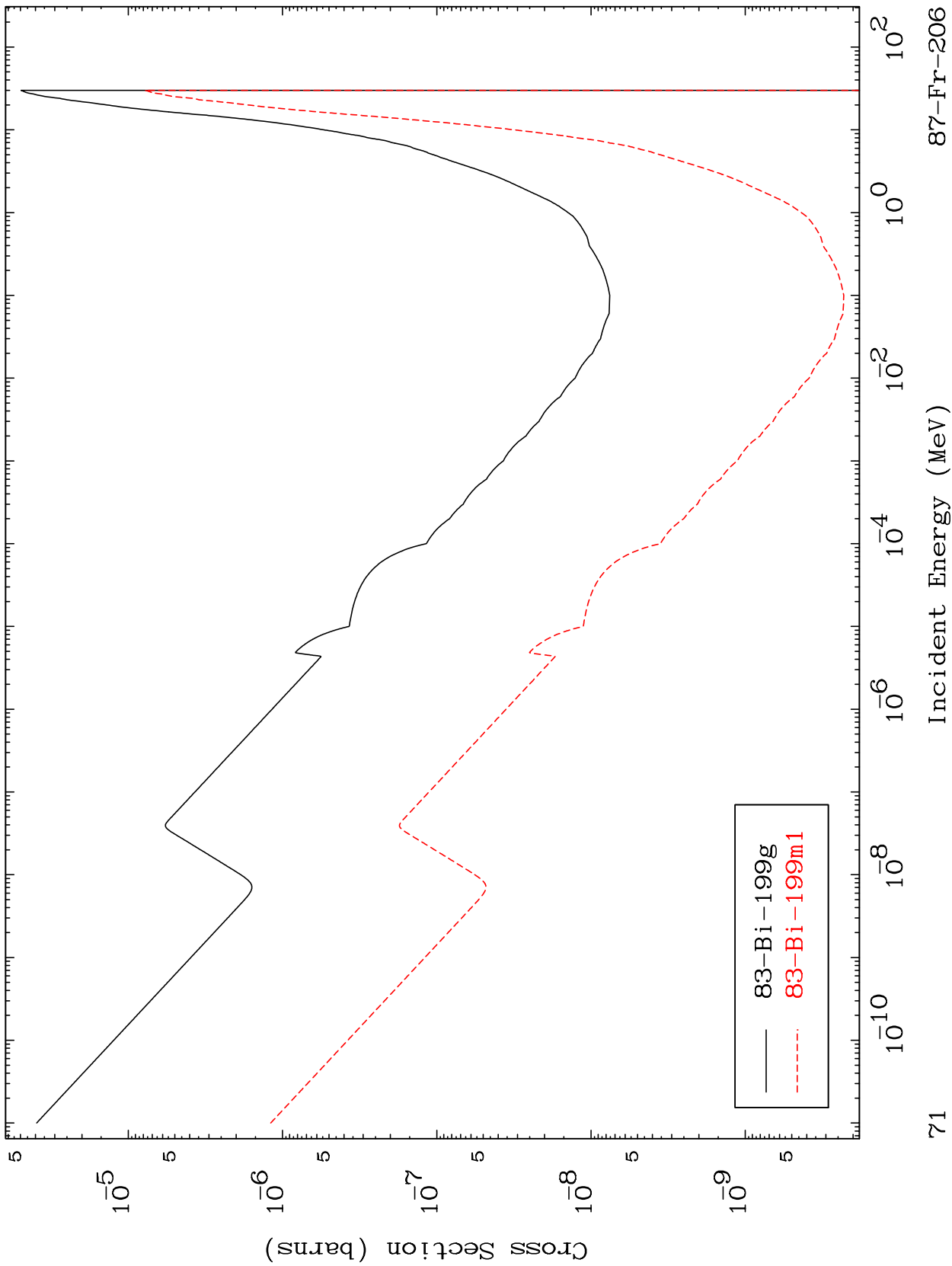
Incident Energy (MeV)

87-Fr-206

MAT 8707

87-Fr-206

(n,2α)  
Radionuclide Production Cross Section



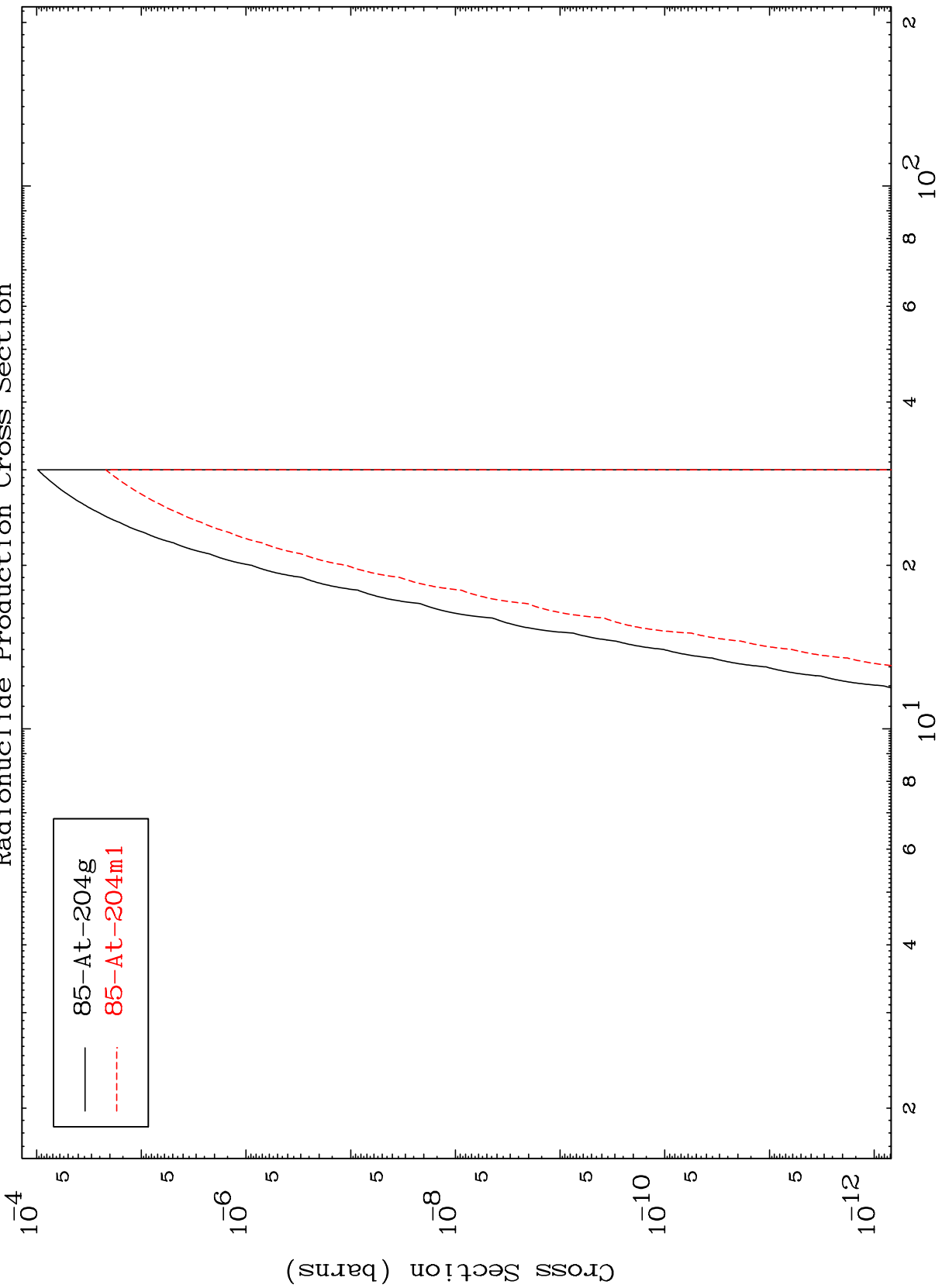


MAT 8707

(n,p) d

87-Fr-206

Radionuclide Production Cross Section



72

Incident Energy (MeV)

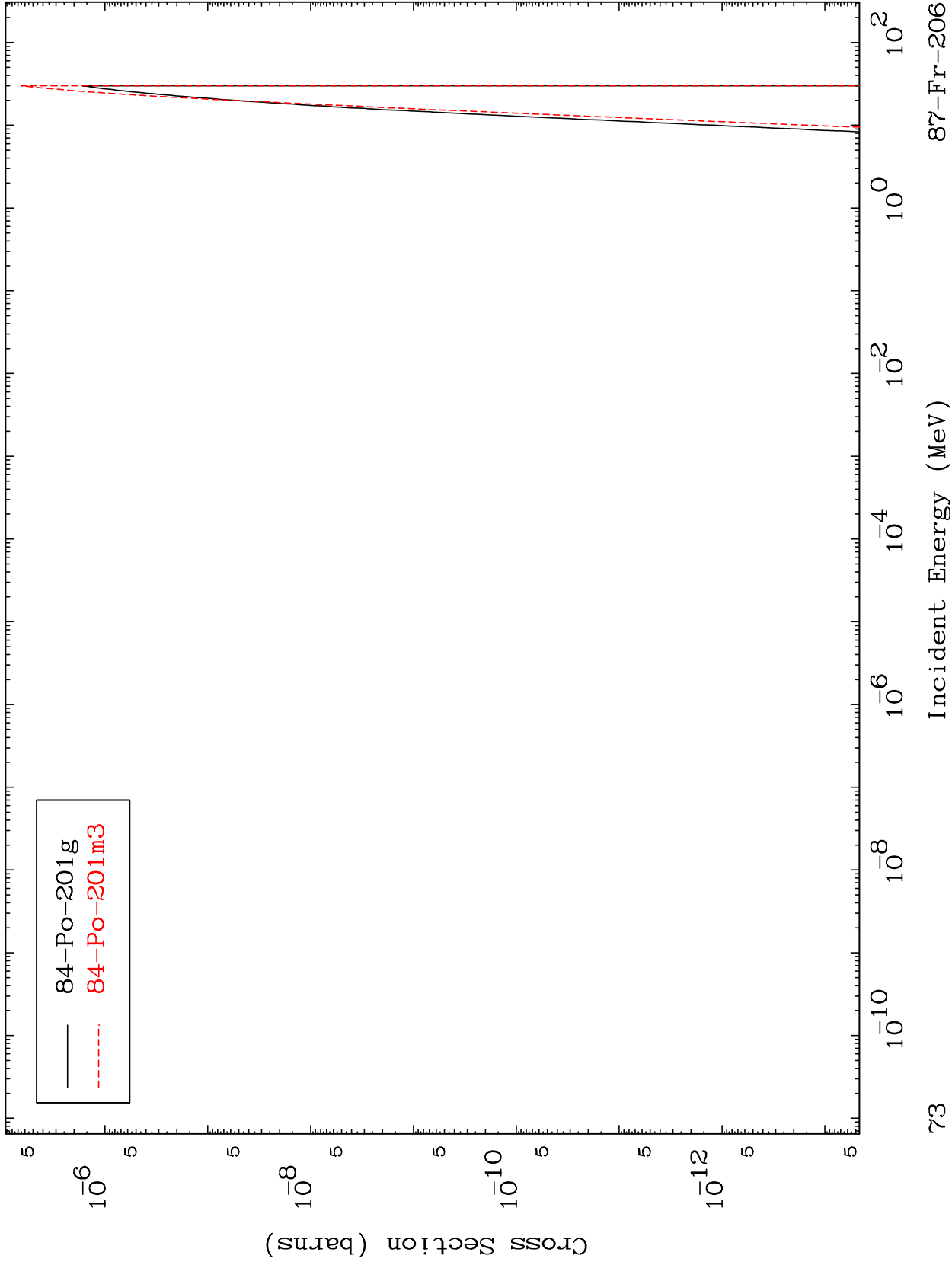
87-Fr-206

MAT 8707

(n,d)  $\alpha$

87-Fr-206

Radionuclide Production Cross Section



73

Incident Energy (MeV)

87-Fr-206