

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

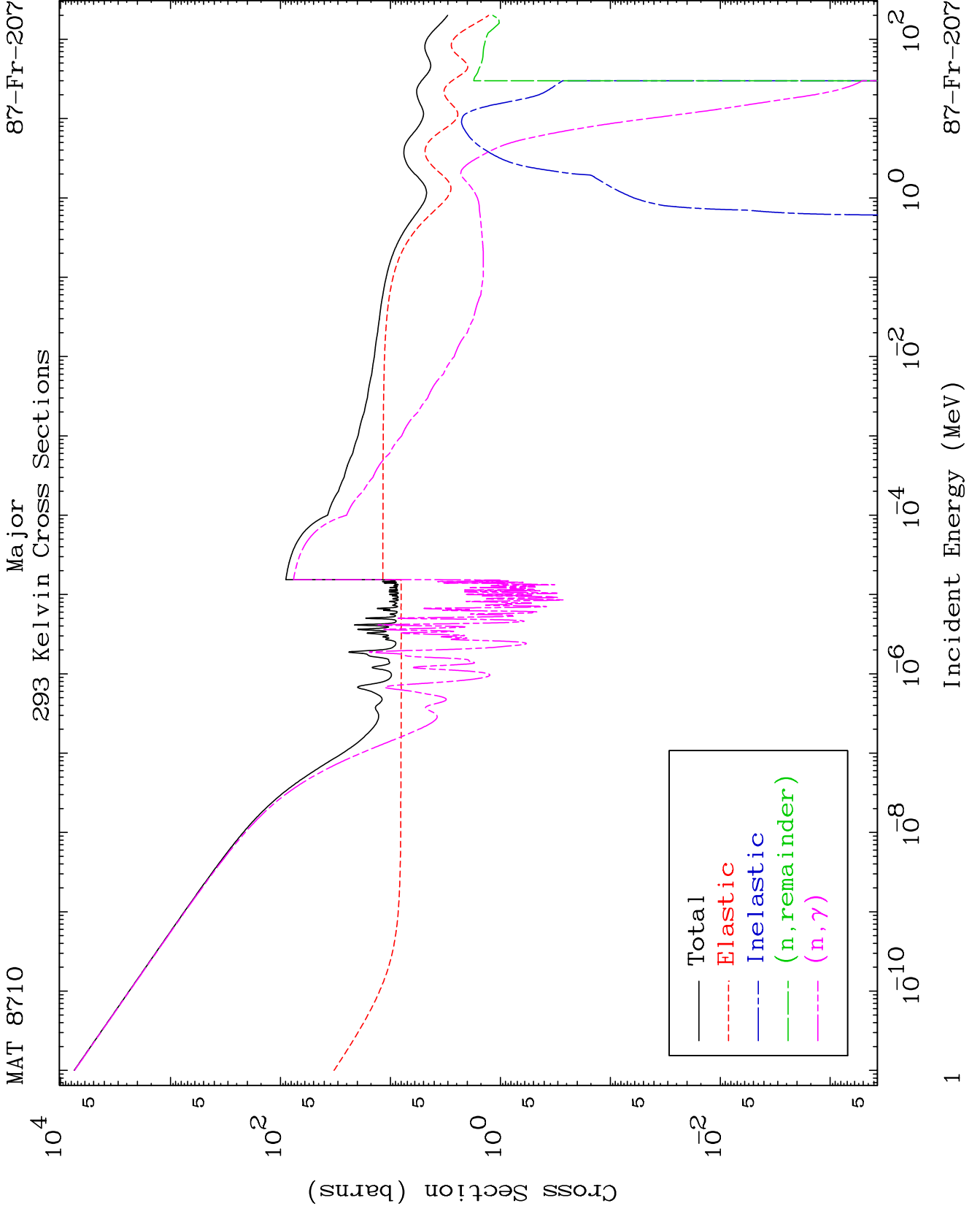
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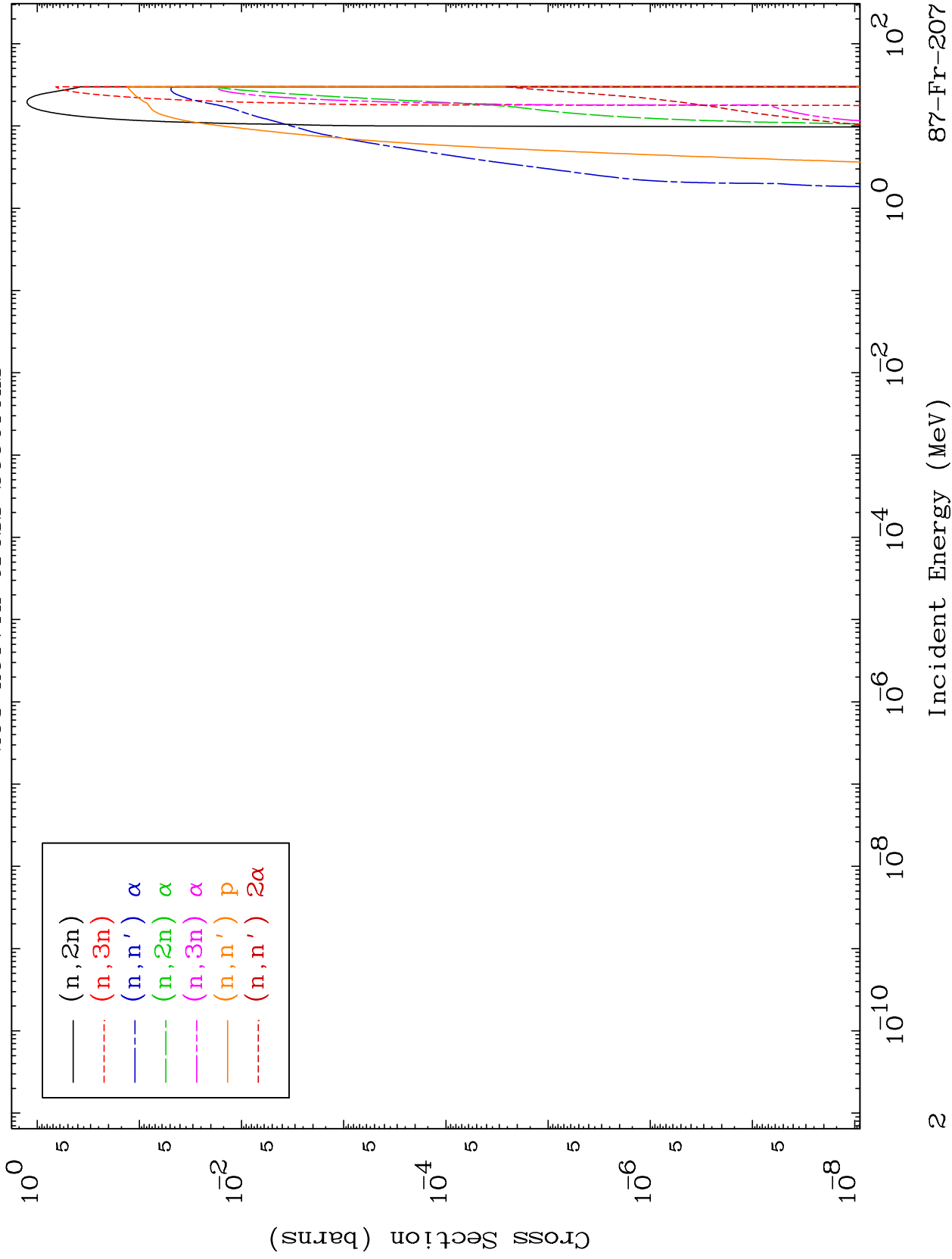
Press Mouse Button to Start



MAT 8710

Neutron Production  
293 Kelvin Cross Sections

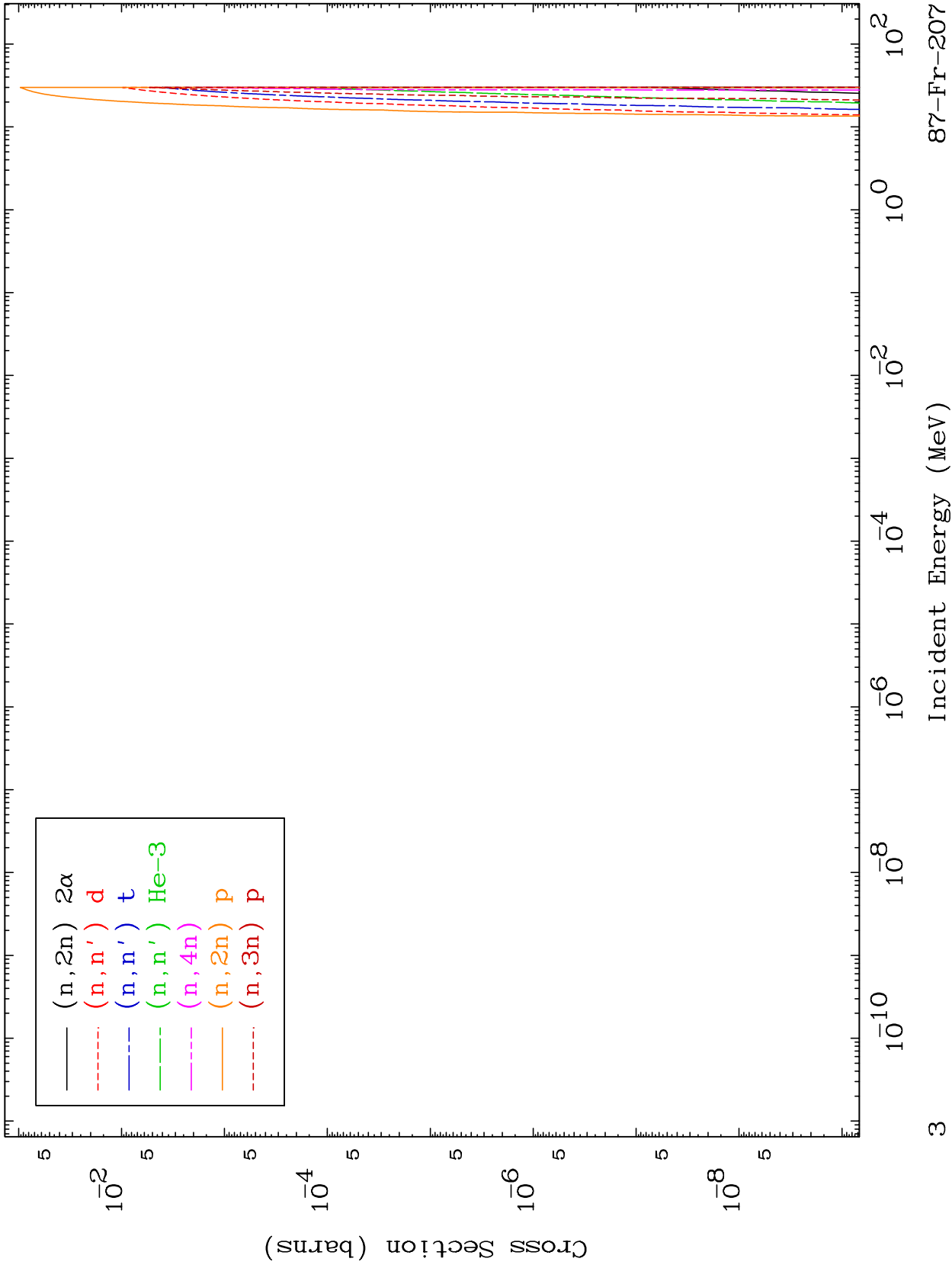
87-Fr-207



MAT 8710

Neutron Production  
293 Kelvin Cross Sections

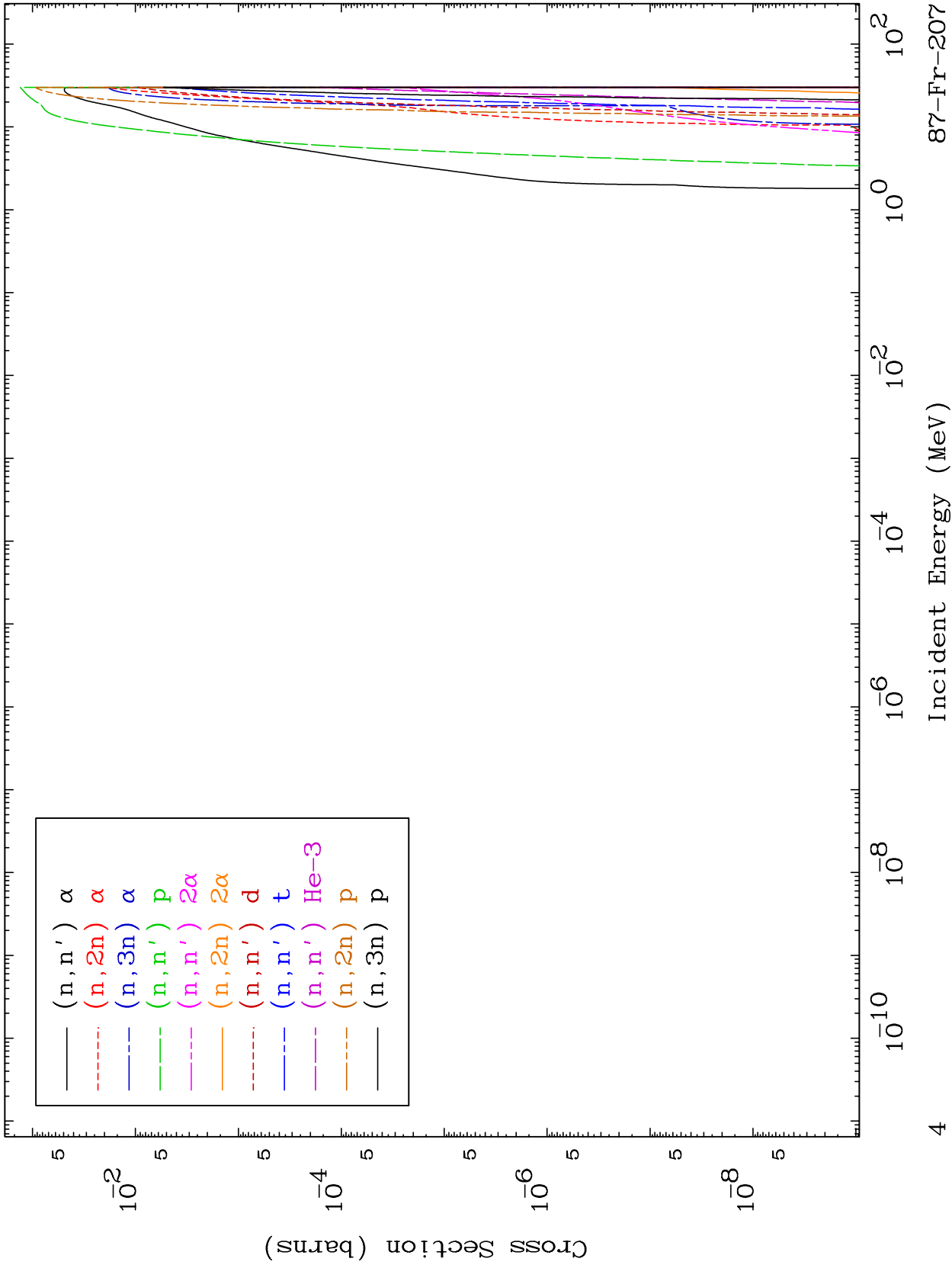
87-Fr-207



MAT 8710

Charged Particle  
293 Kelvin Cross Sections

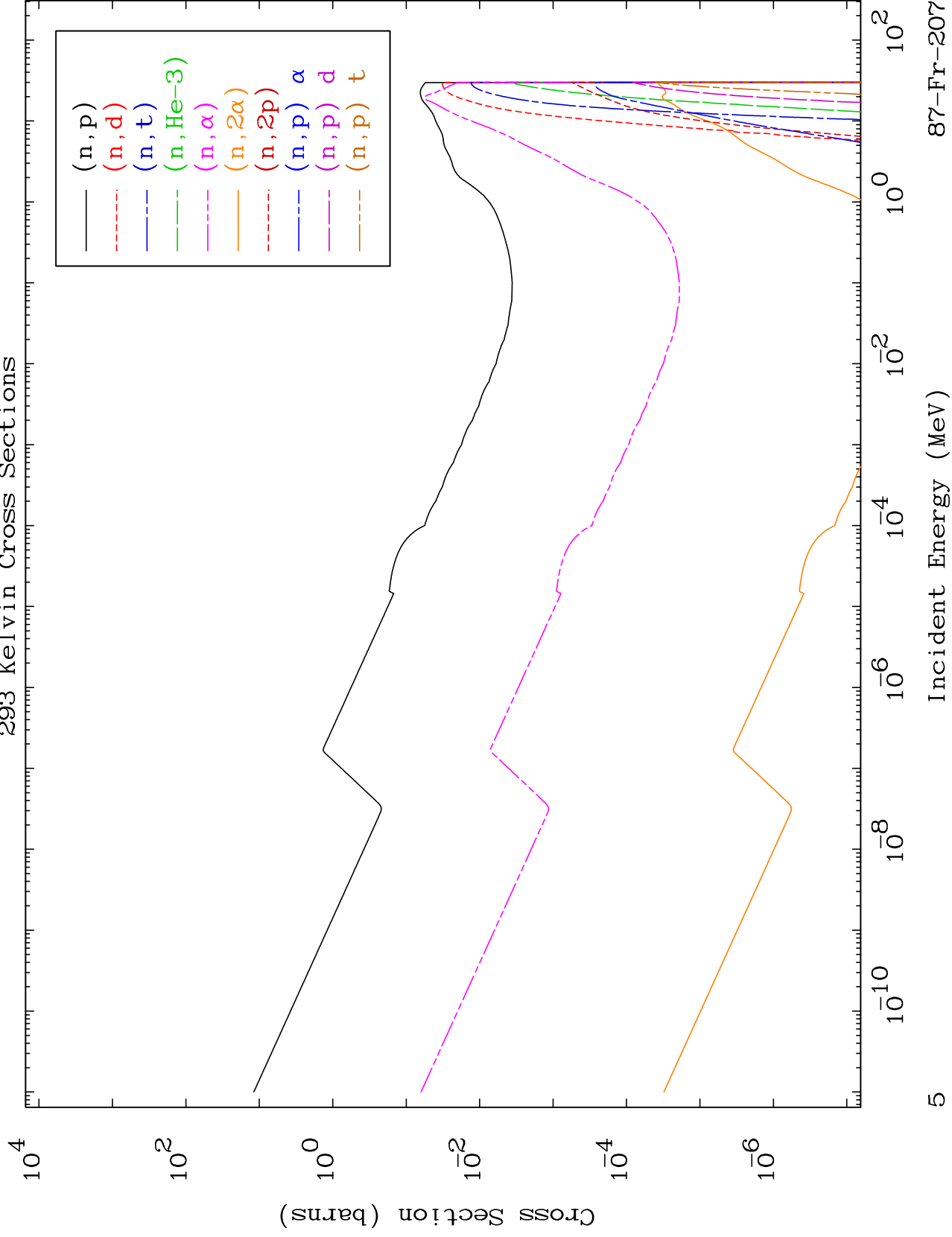
87-Fr-207



MAT 8710

Charged Particle  
293 Kelvin Cross Sections

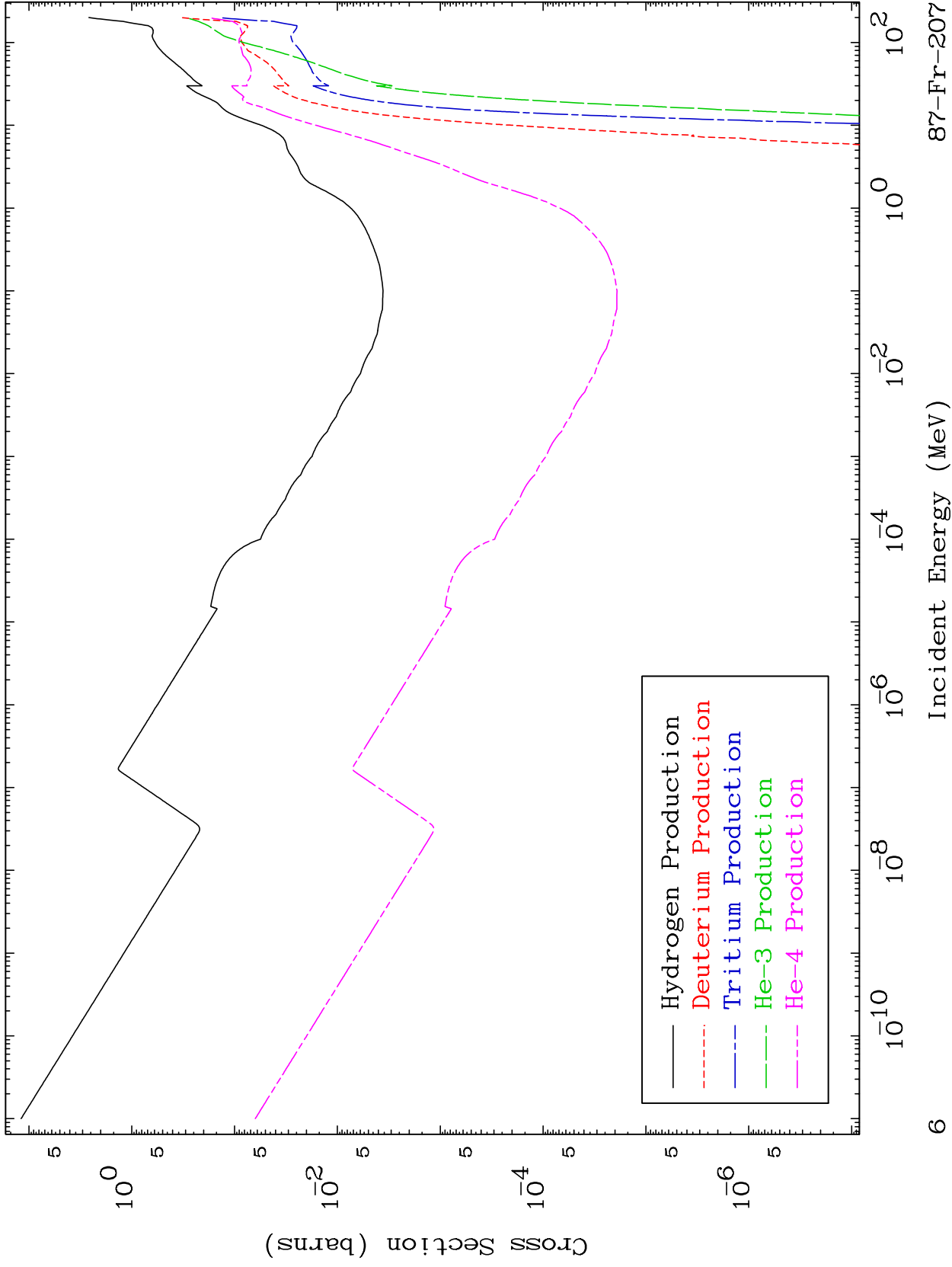
87-Fr-207



MAT 8710

Particle Production  
293 Kelvin Cross Sections

87-Fr-207

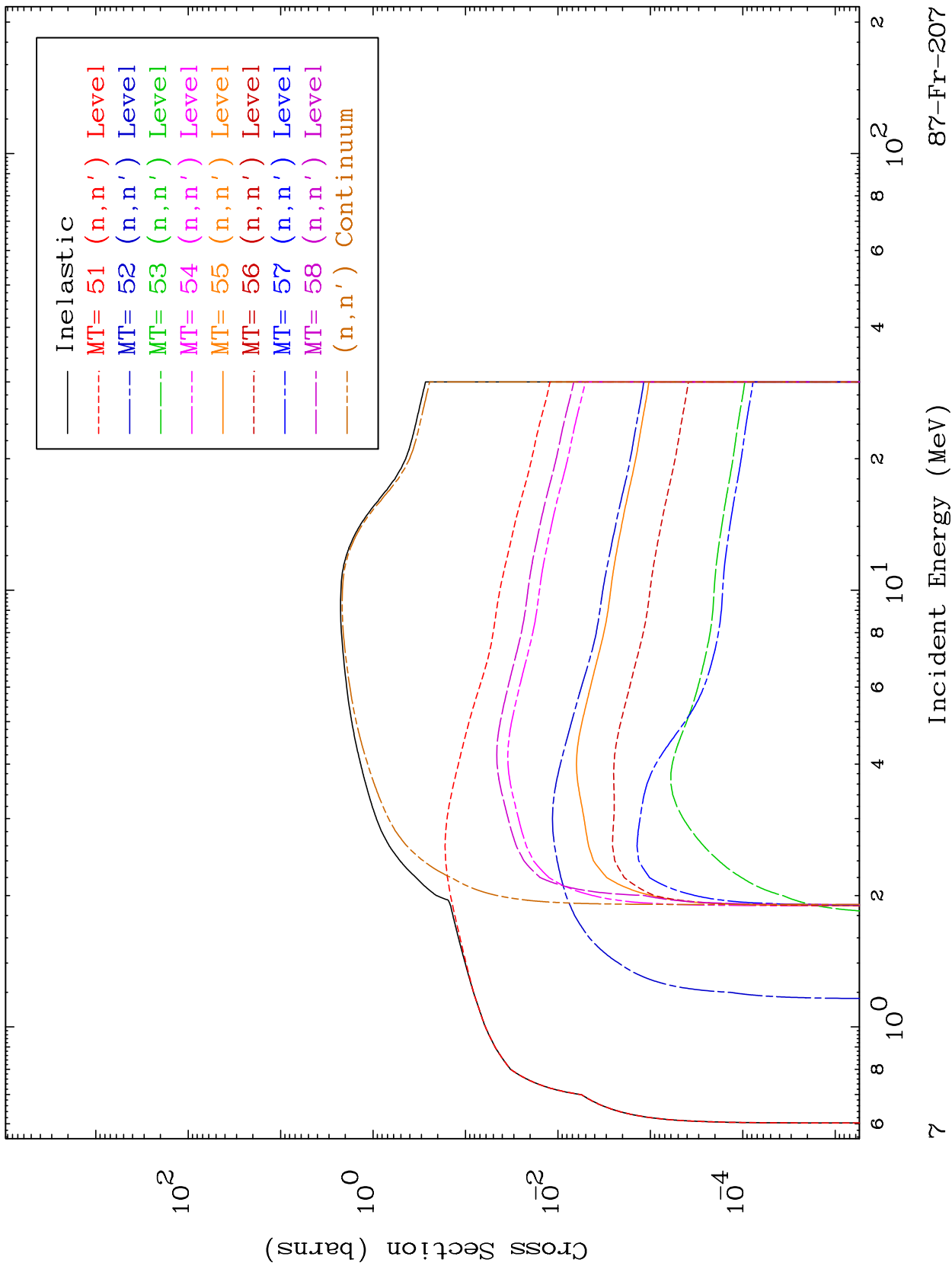


MAT 8710

(n,n') Level

87-Fr-207

293 Kelvin Cross Sections



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Incident Energy (MeV)

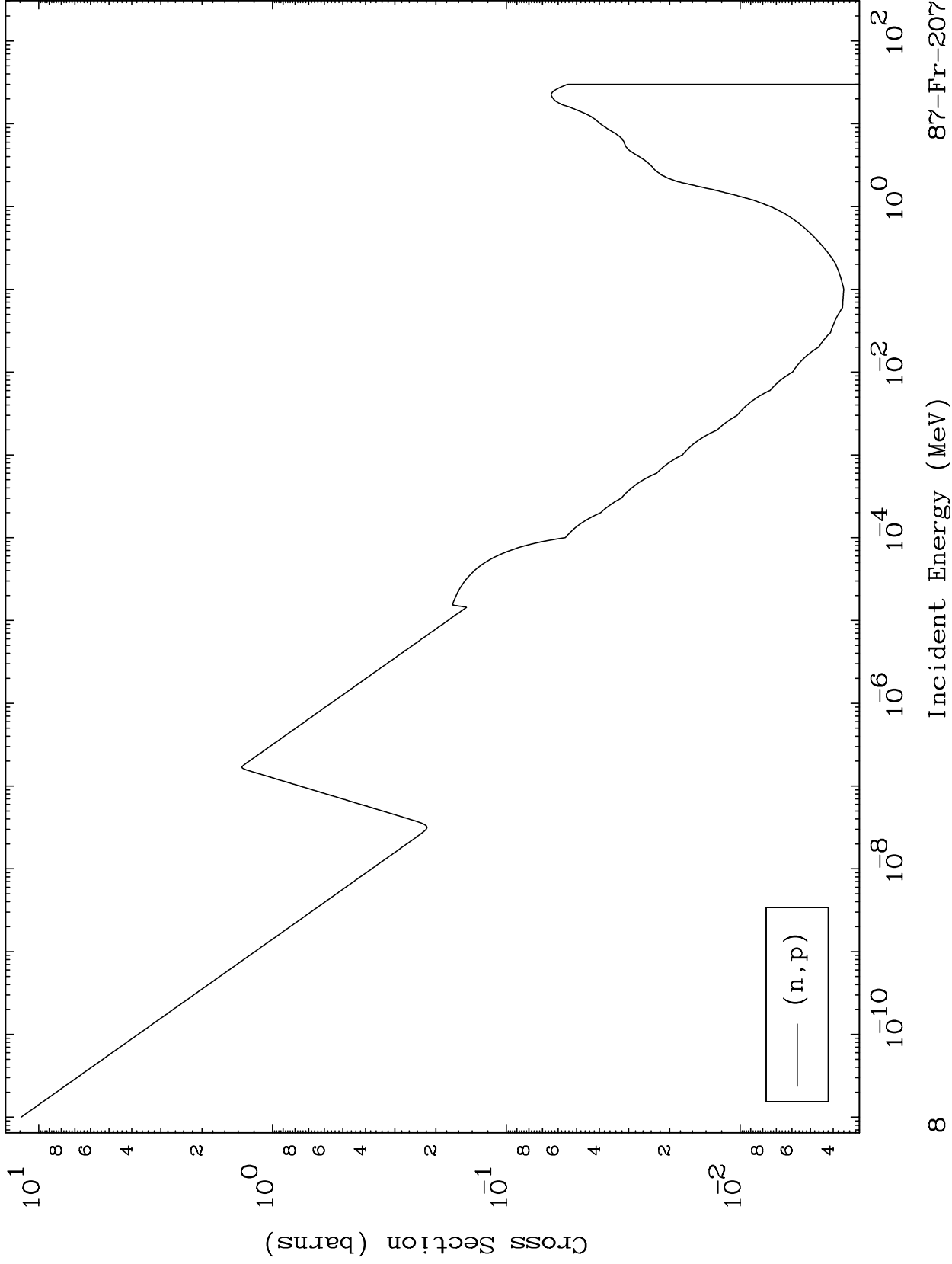
87-Fr-207



MAT 8710

(n,p) Levels  
293 Kelvin Cross Sections

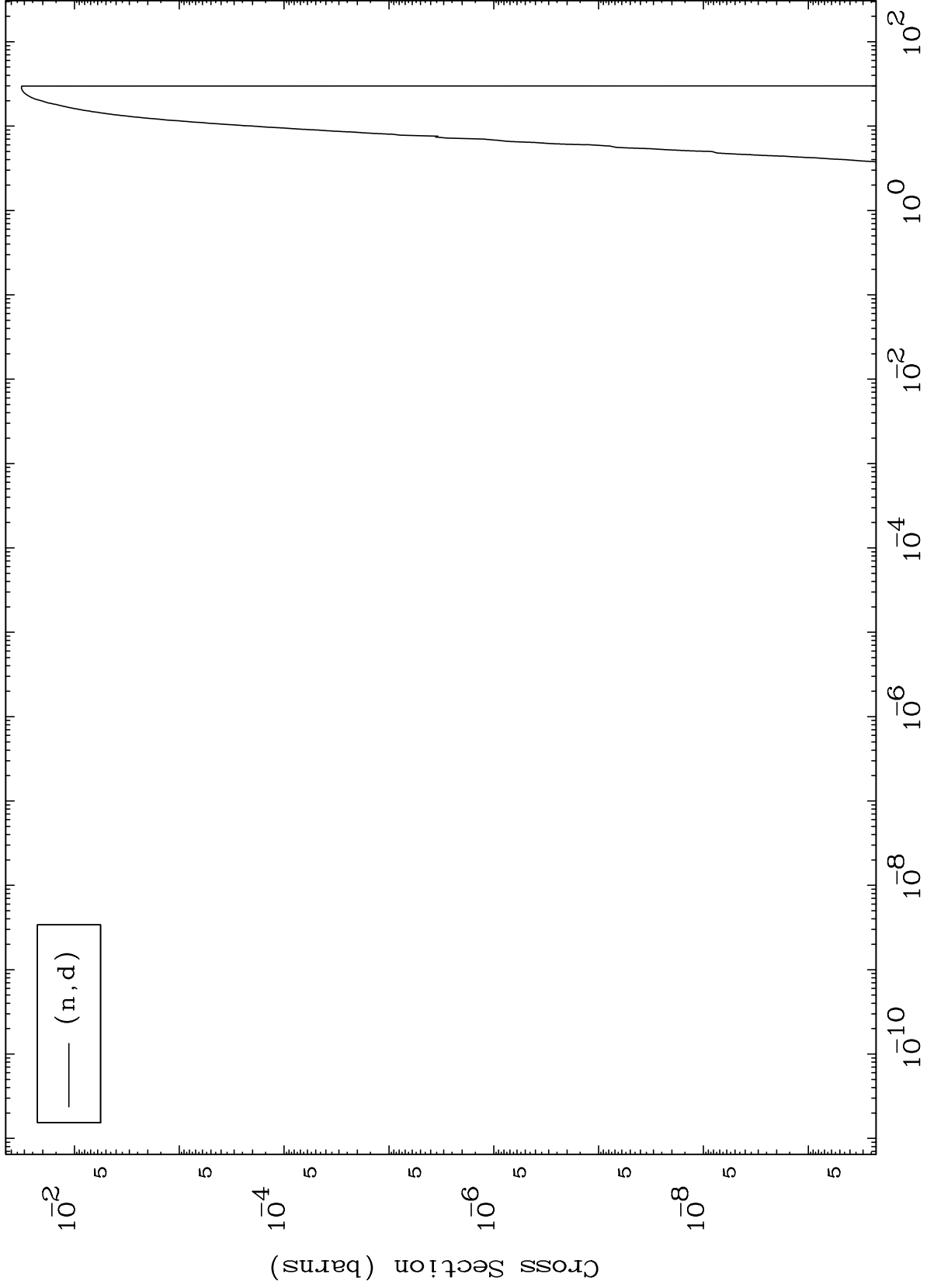
87-Fr-207



MAT 8710

(n,d) Levels  
293 Kelvin Cross Sections

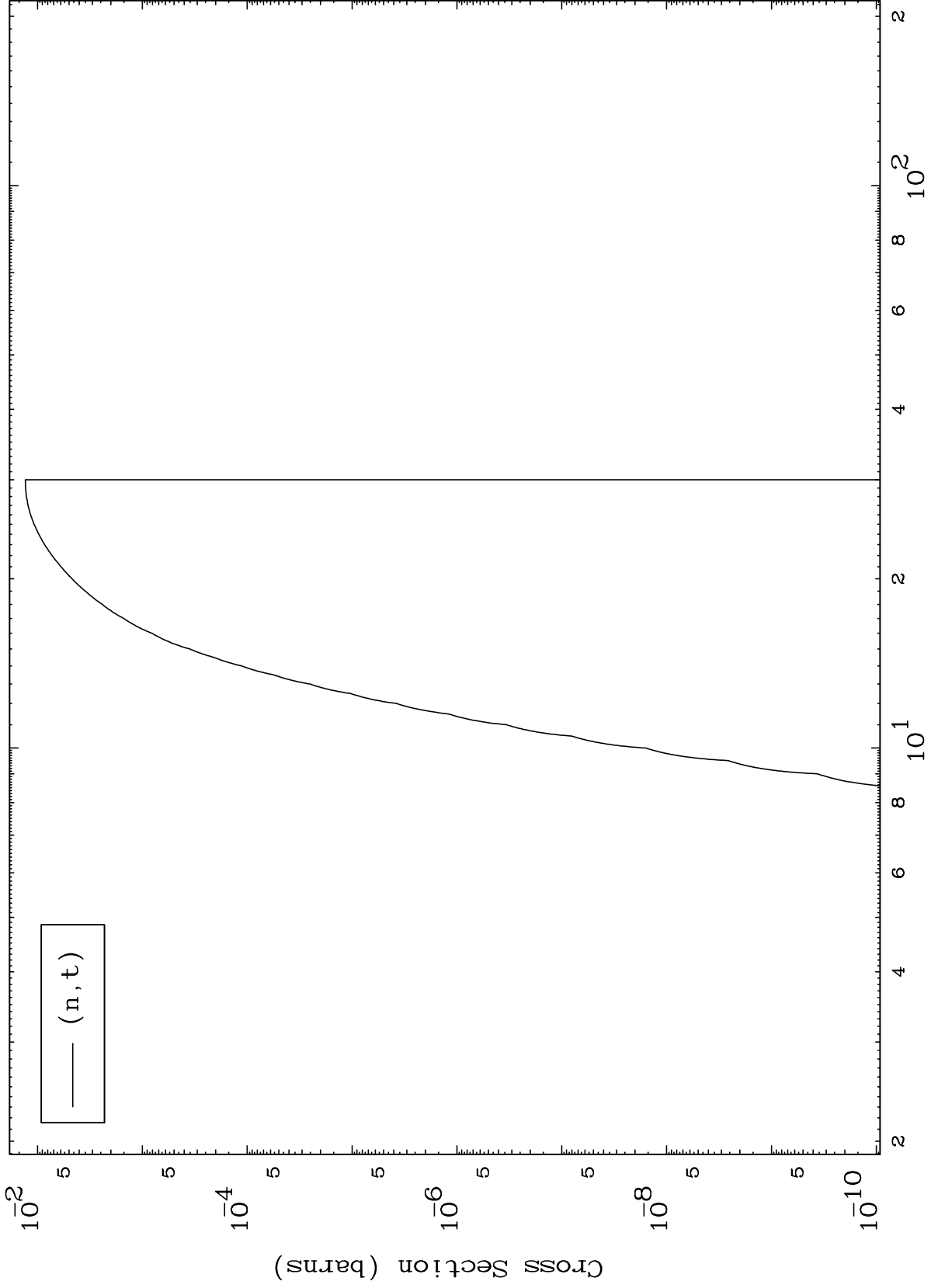
87-Fr-207



MAT 8710

(n,t) Levels  
293 Kelvin Cross Sections

87-Fr-207



10

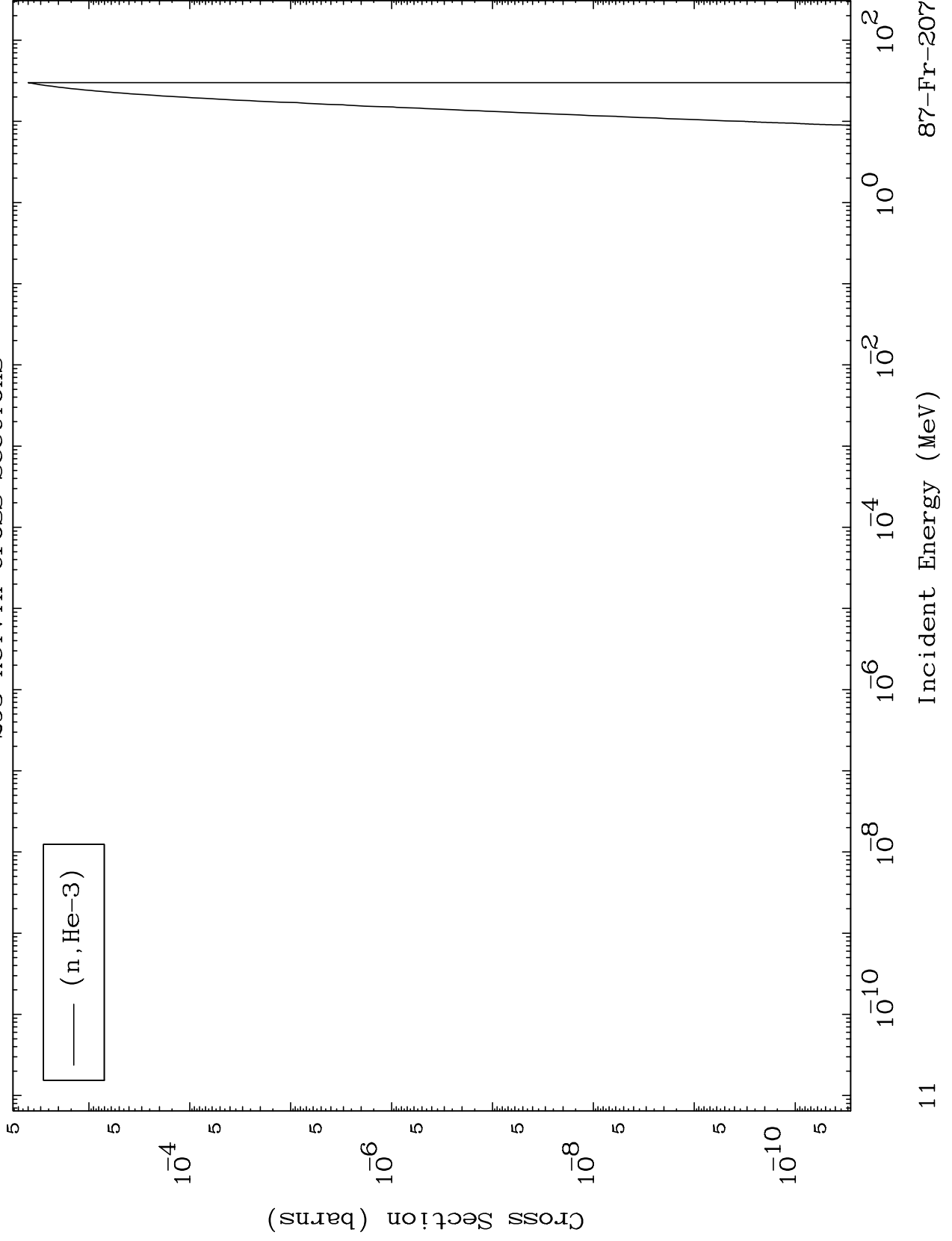
Incident Energy (MeV)

87-Fr-207

MAT 8710

(n,He3) Levels  
293 Kelvin Cross Sections

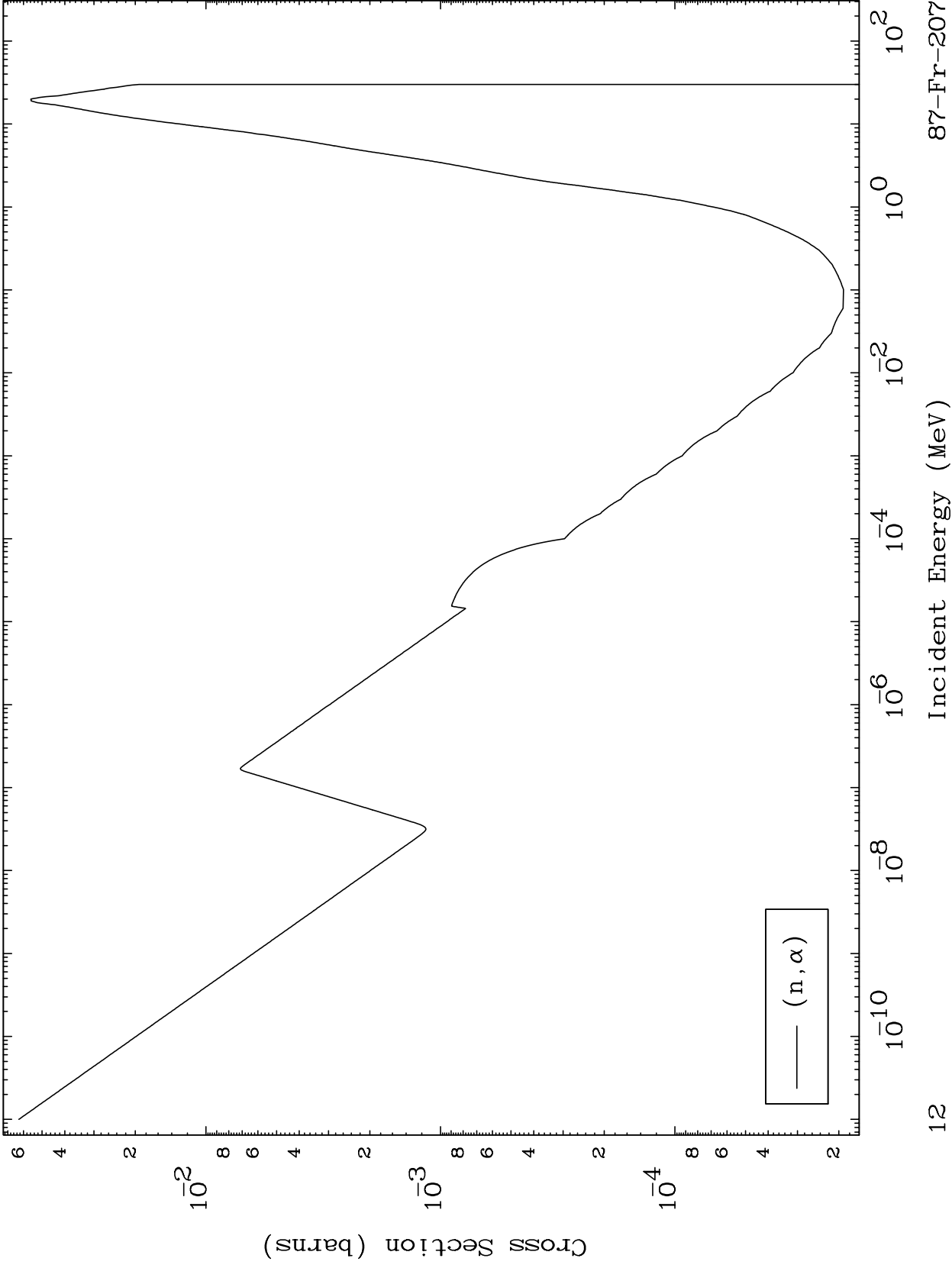
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MAT 8710

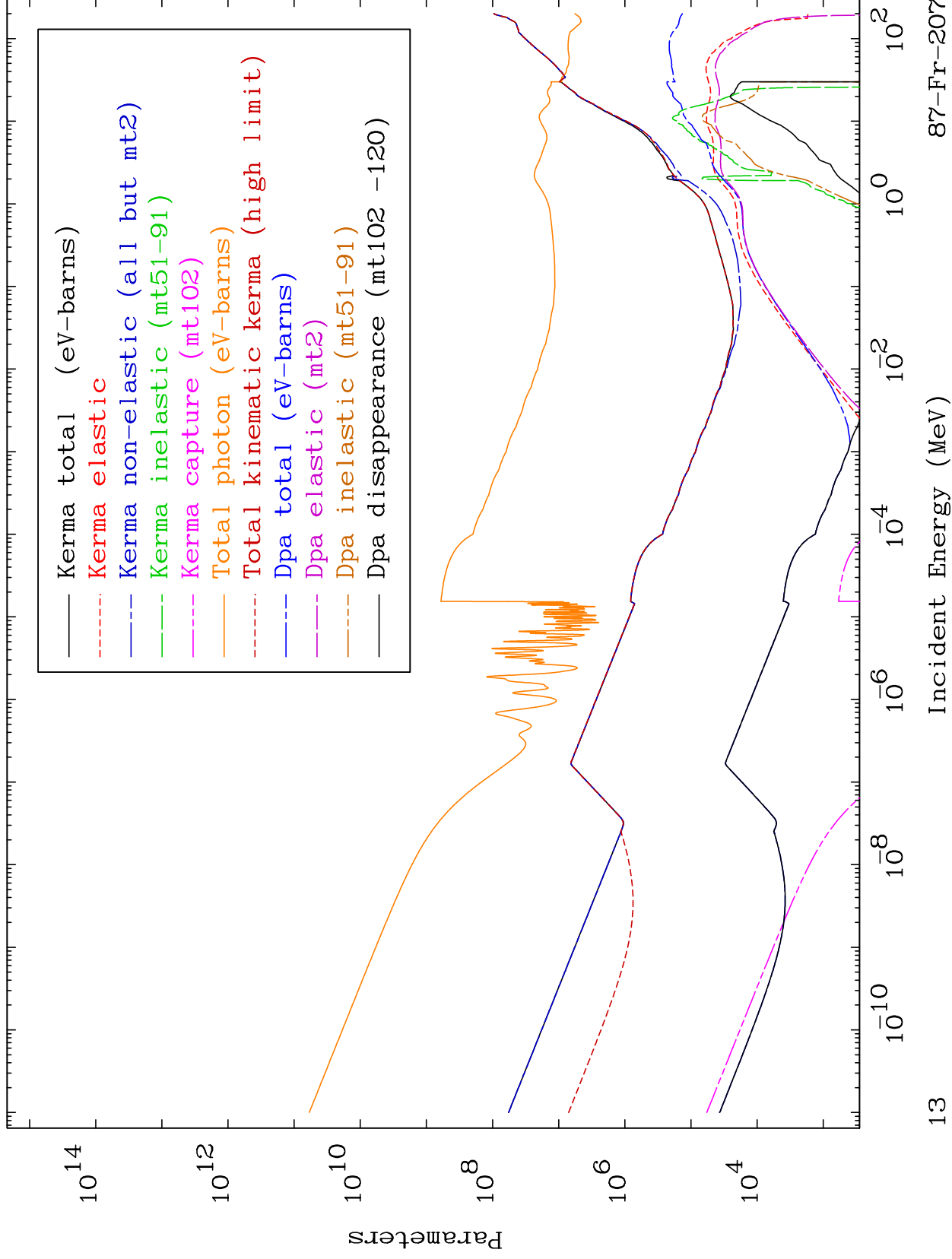
(n,α) Levels  
293 Kelvin Cross Sections

87-Fr-207



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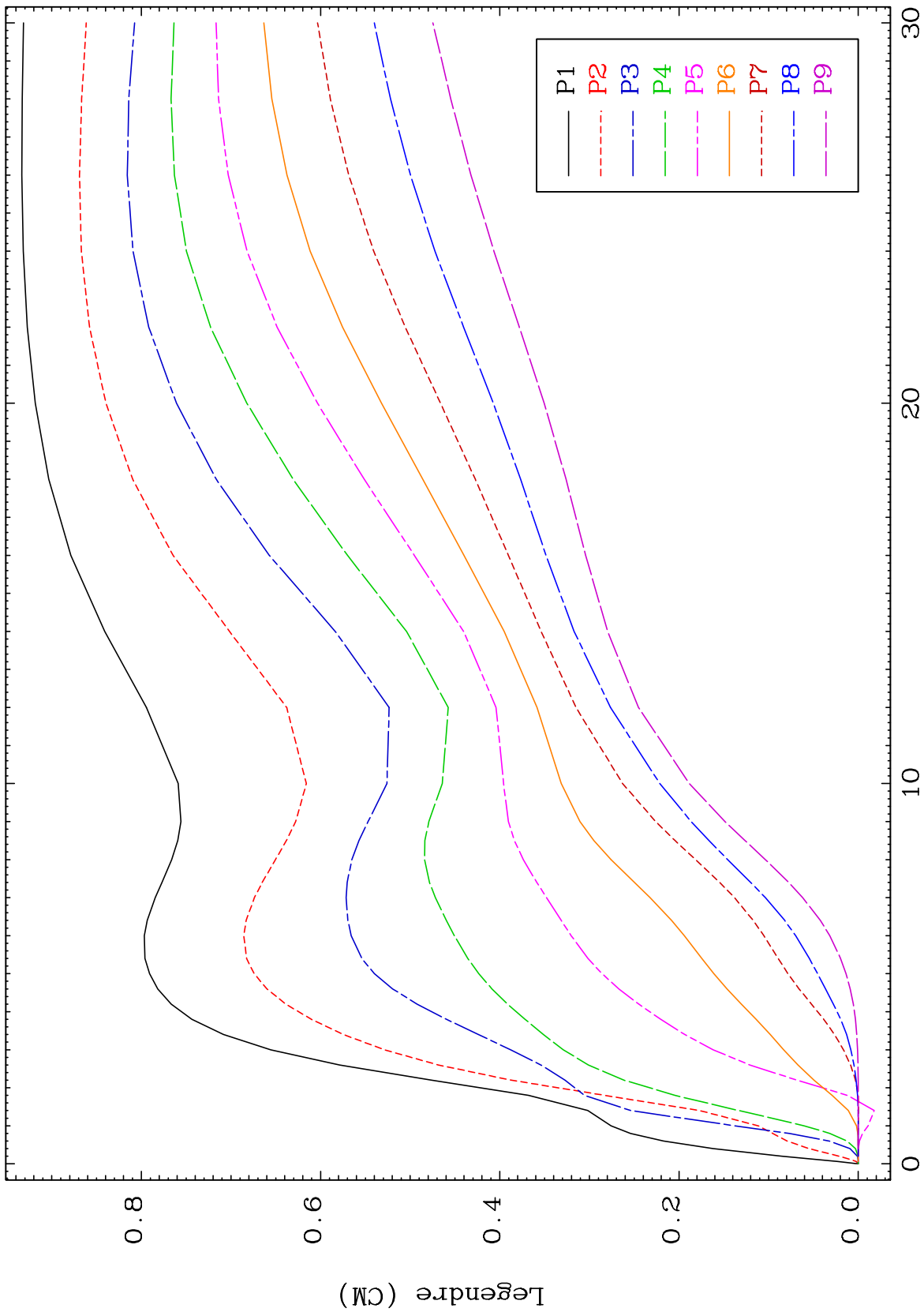
87-Fr-207



MAT 8710

Elastic Legendre Coefficients

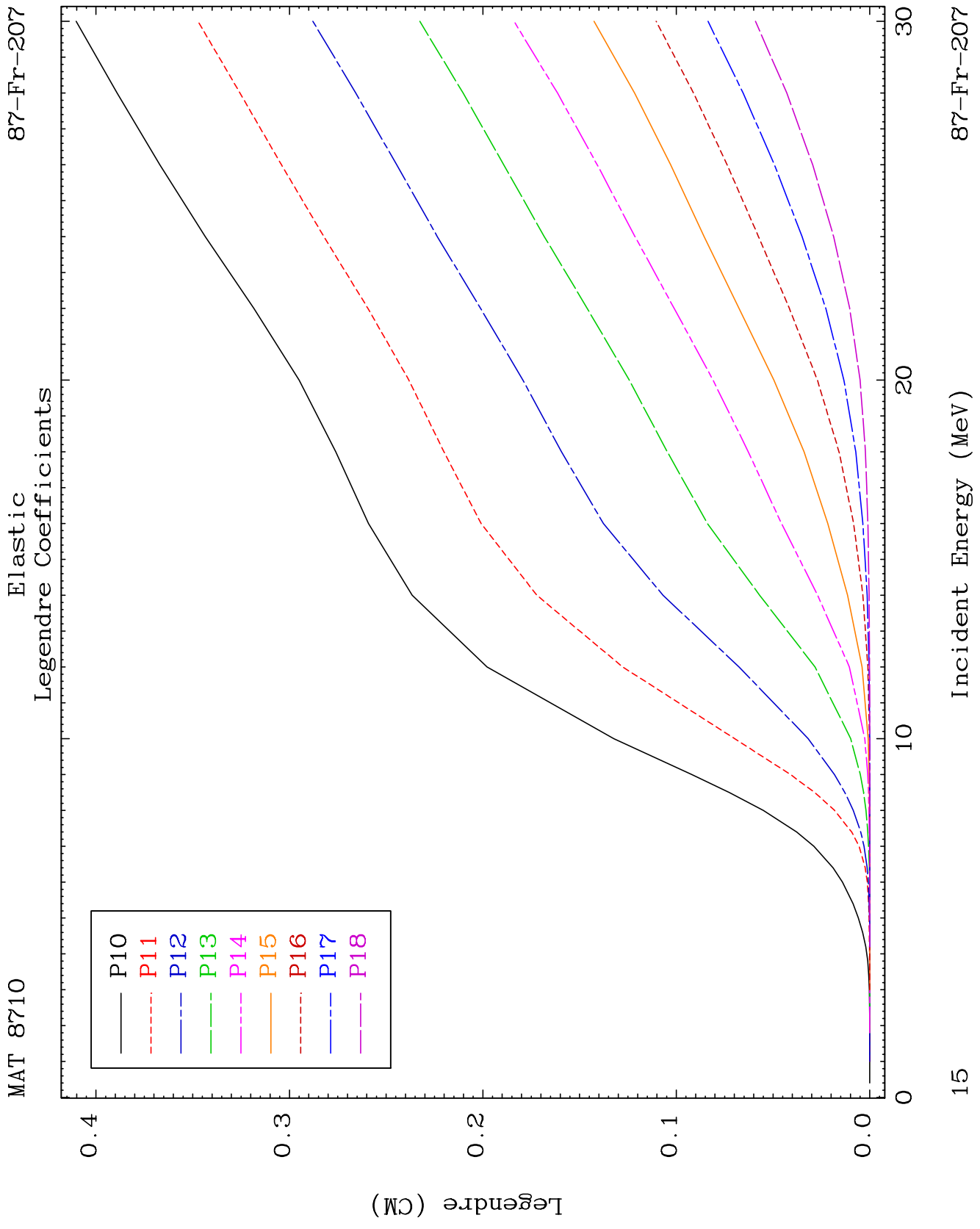
87-Fr-207



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Incident Energy (MeV)

87-Fr-207

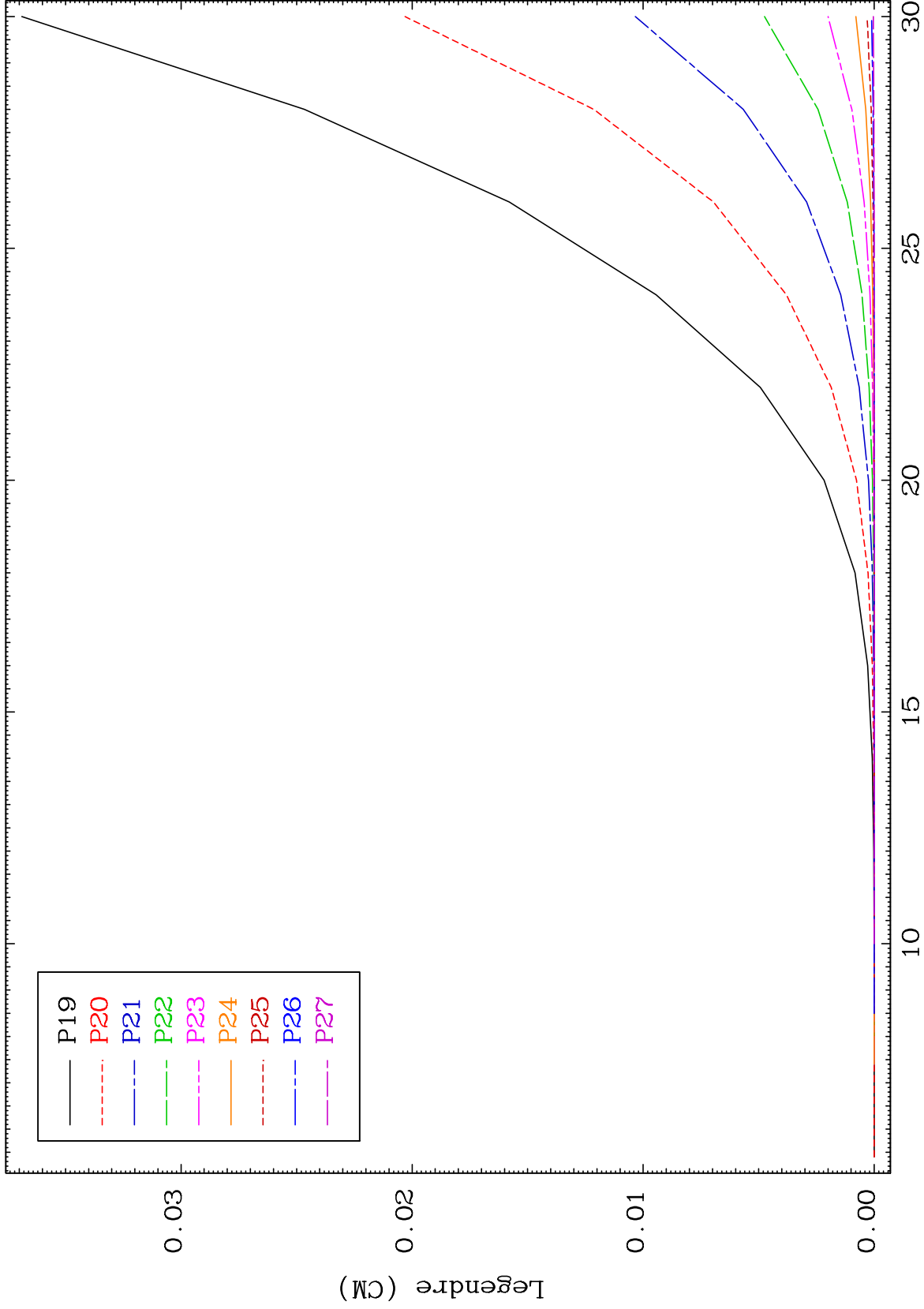




MAT 8710

Elastic  
Legendre Coefficients

87-Fr-207



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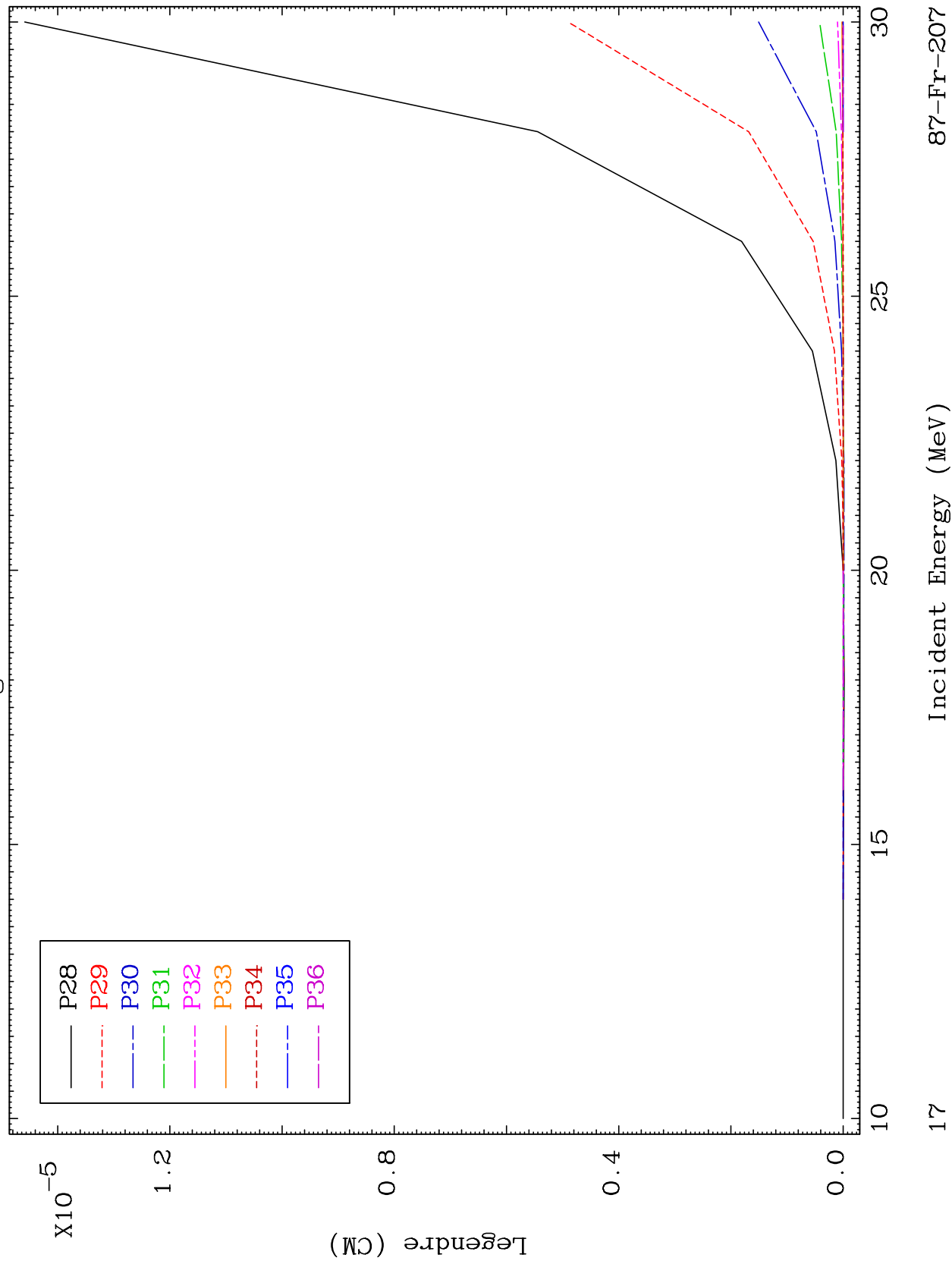
Incident Energy (MeV)

87-Fr-207

MAT 8710

Elastic  
Legendre Coefficients

87-Fr-207



17

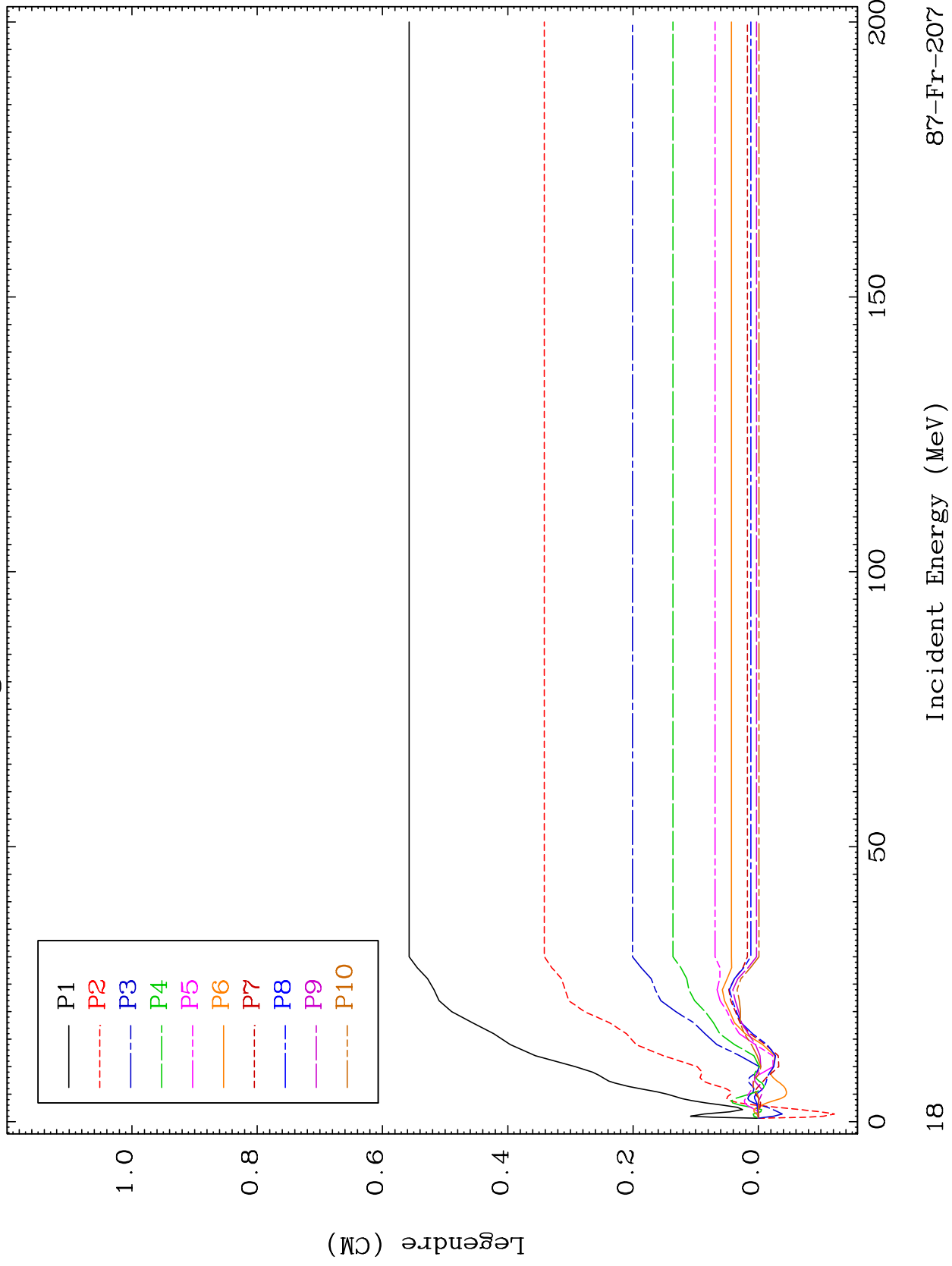
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



18

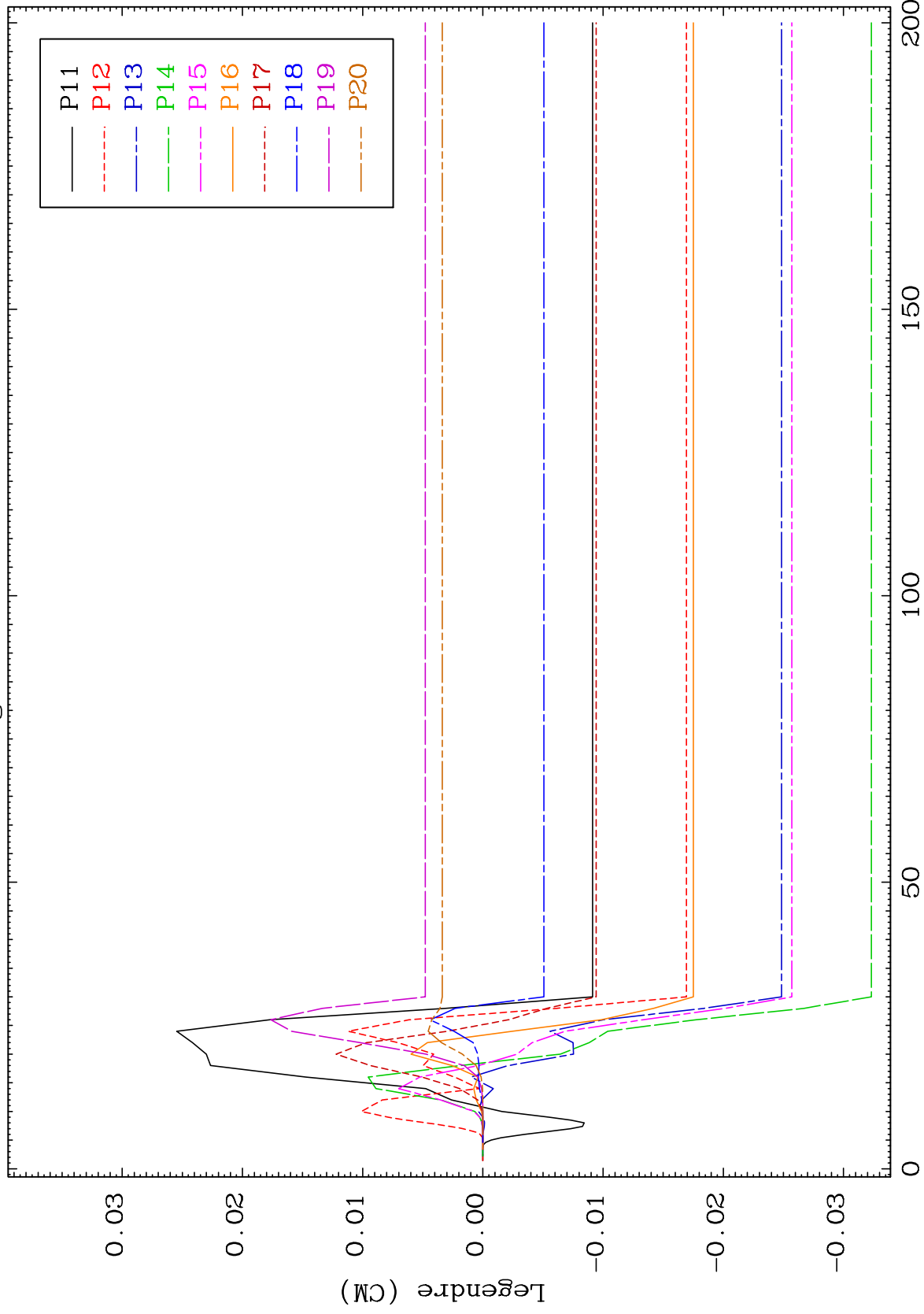
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



19

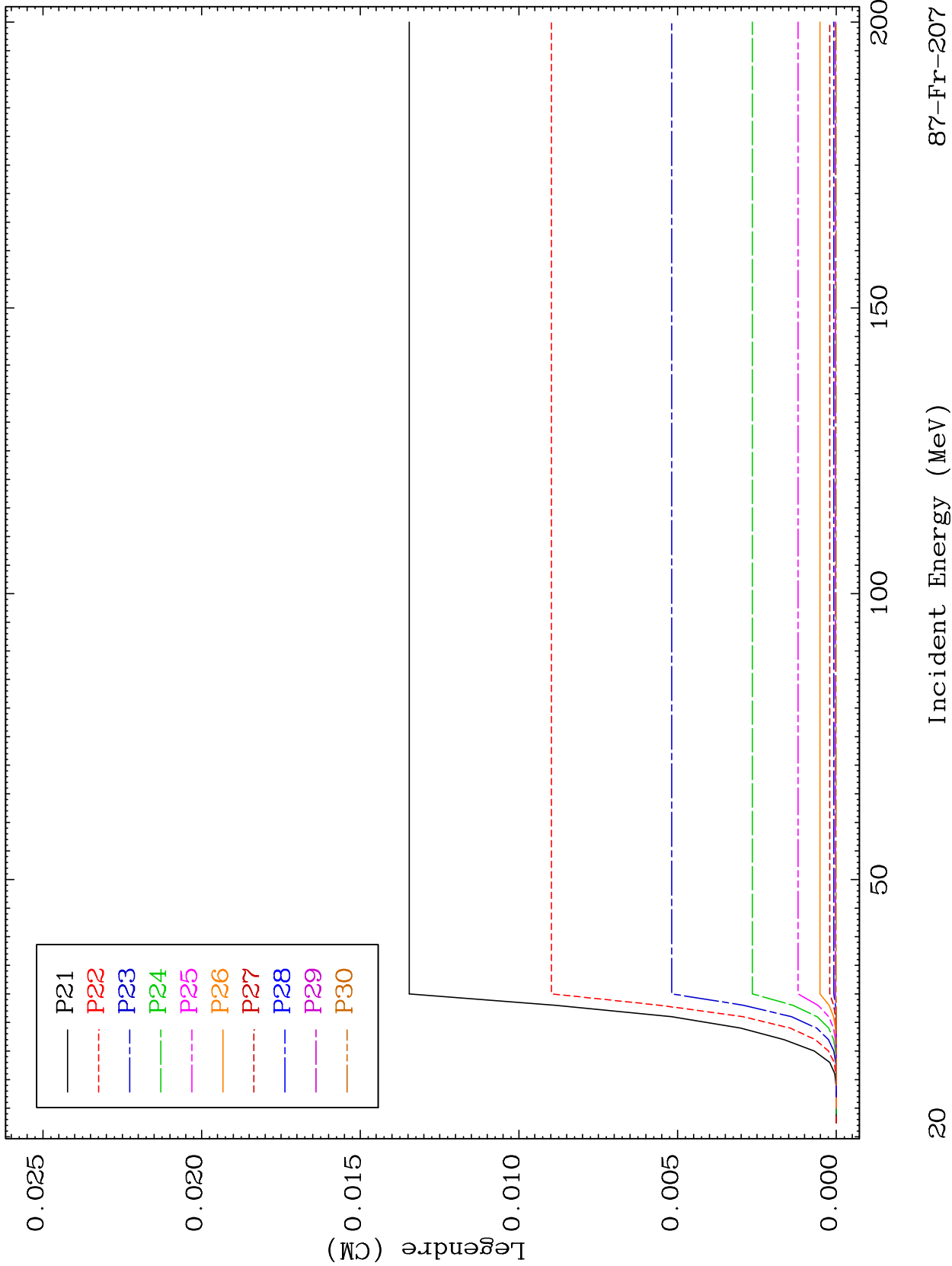
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



87-Fr-207

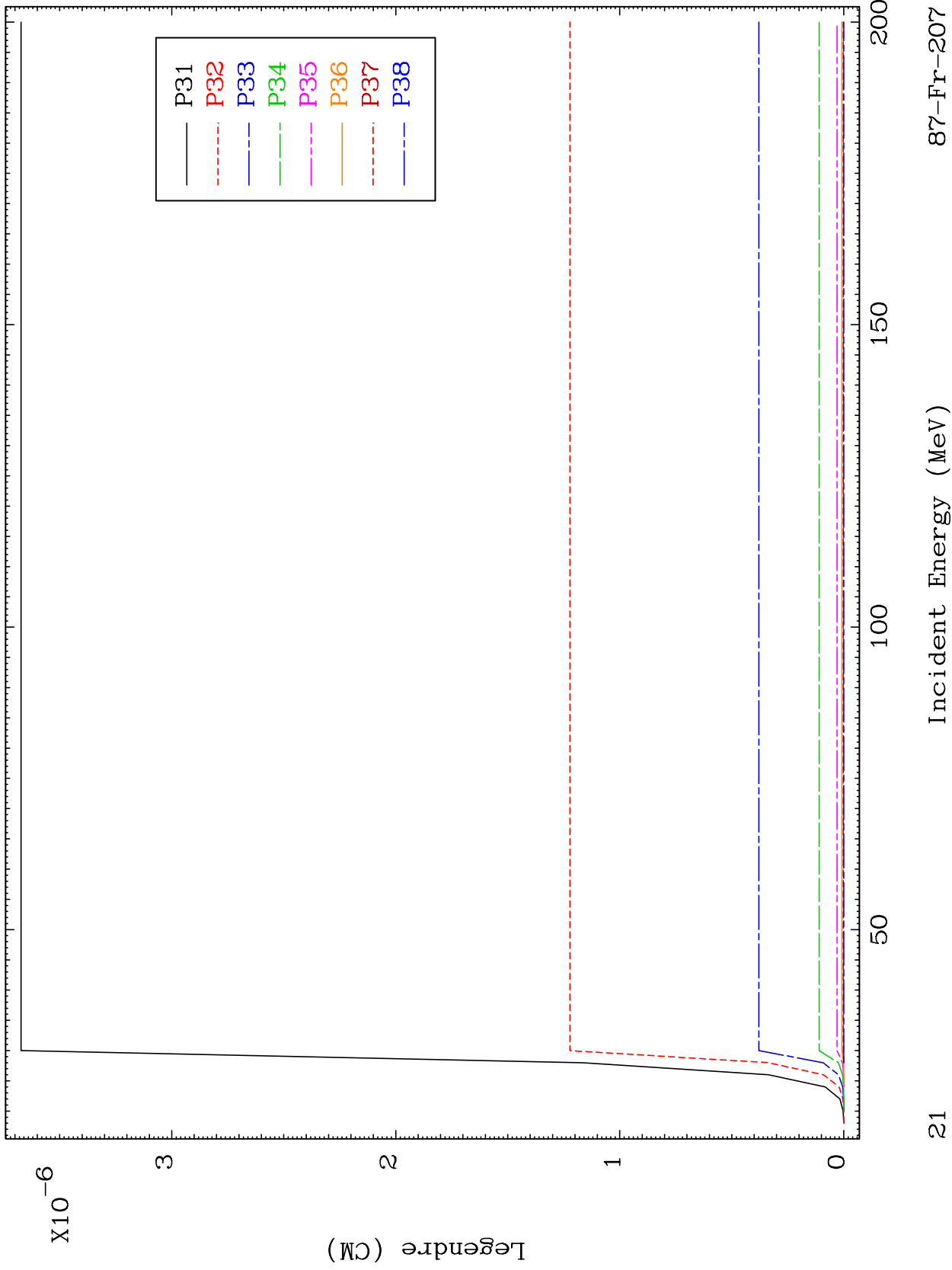
Incident Energy (MeV)

20

MAT 8710

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

87-Fr-207



21

Incident Energy (MeV)

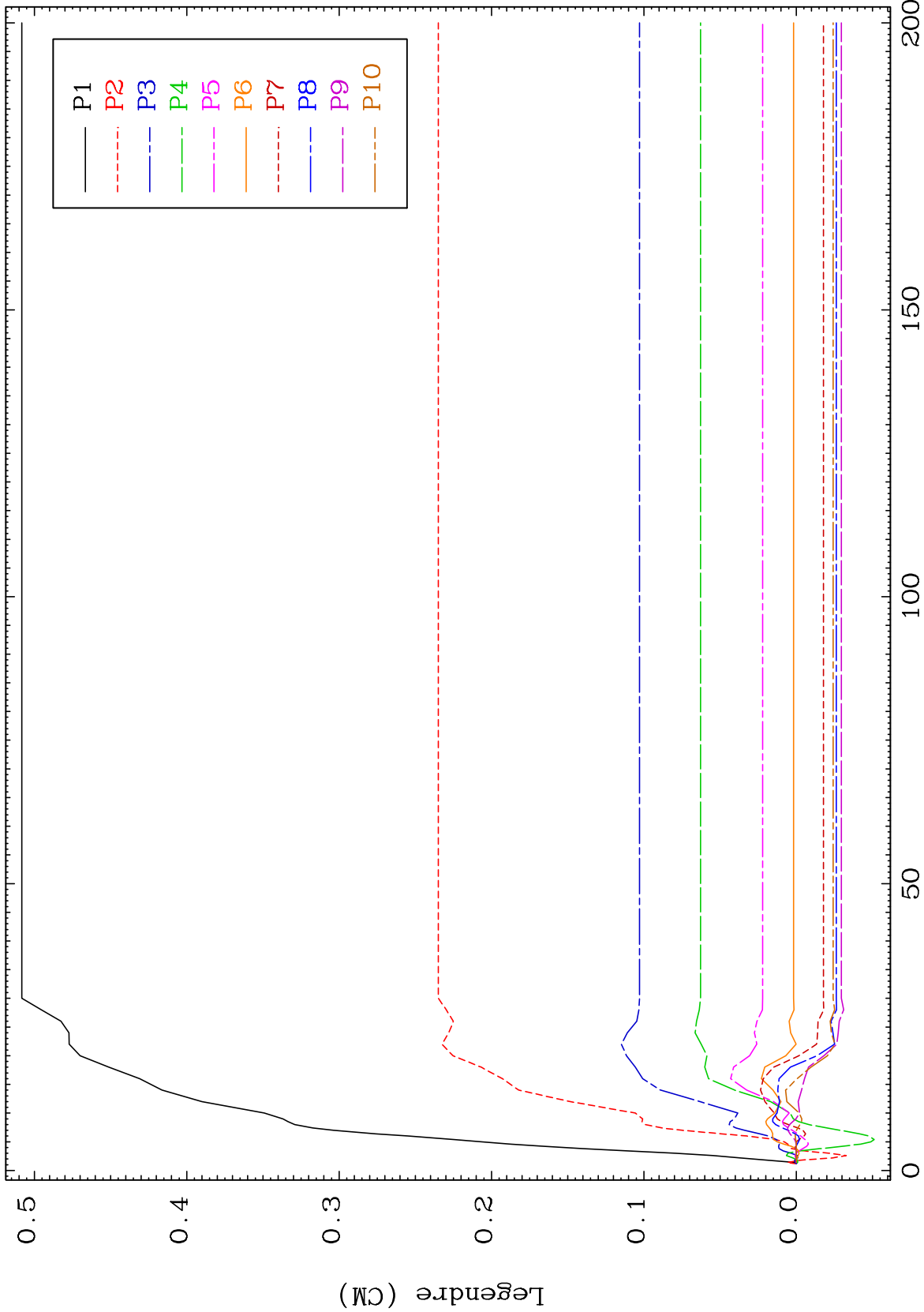
87-Fr-207

MAT 8710

MT= 52 (n,n') Level

87-Fr-207

Legendre Coefficients



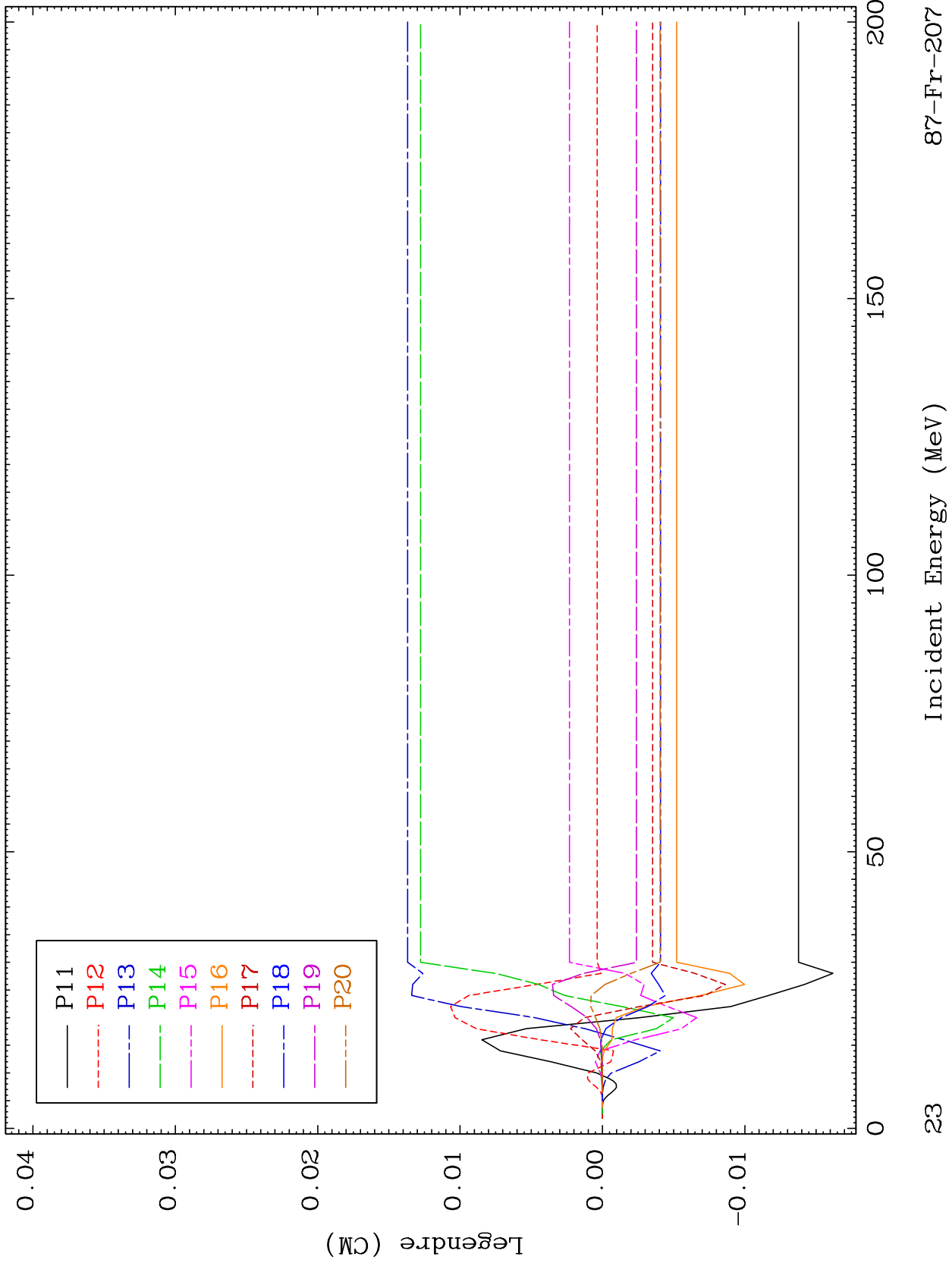
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87-Fr-207

MAT 8710

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

87-Fr-207

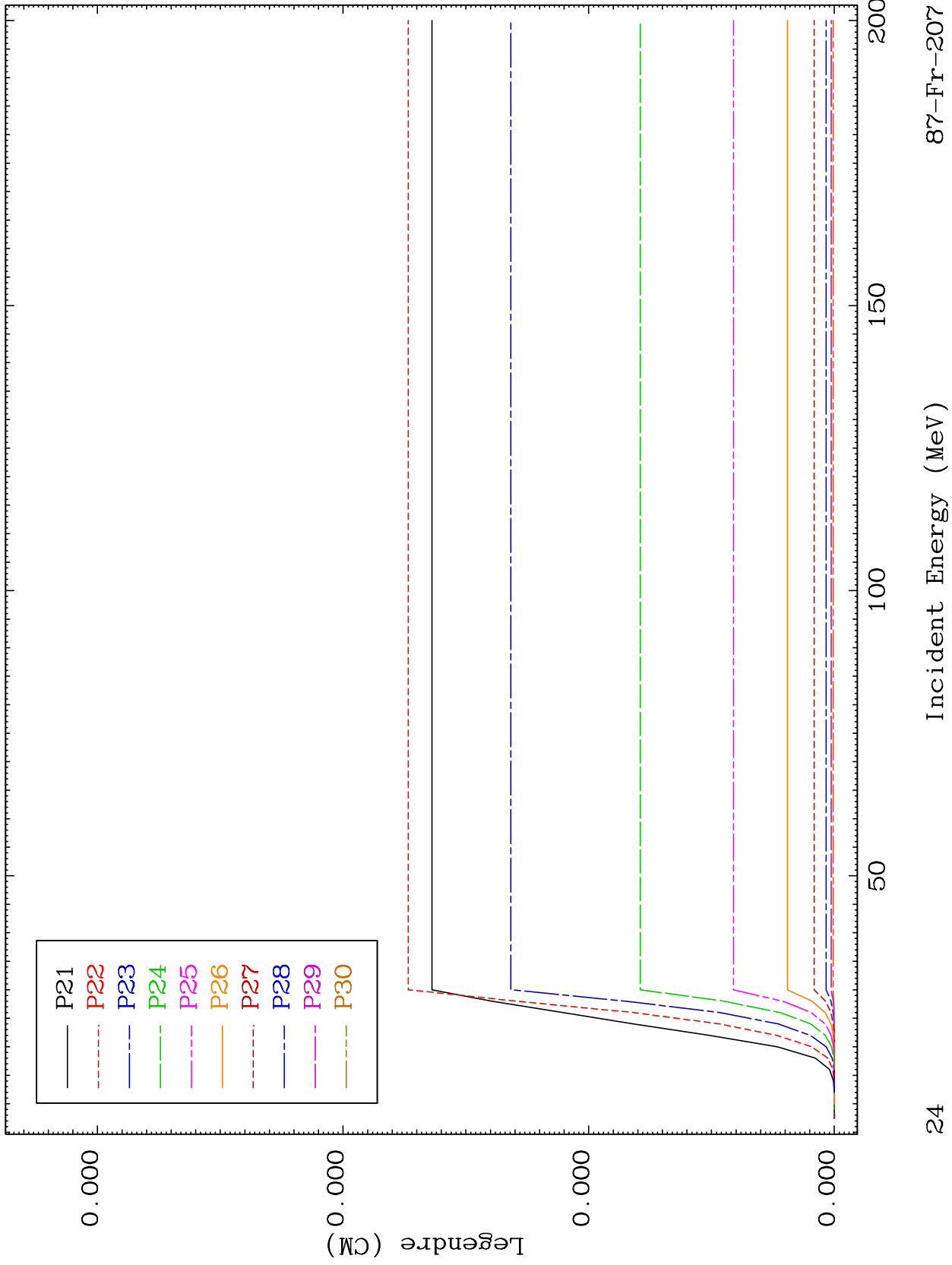




MAT 8710

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

87-Fr-207



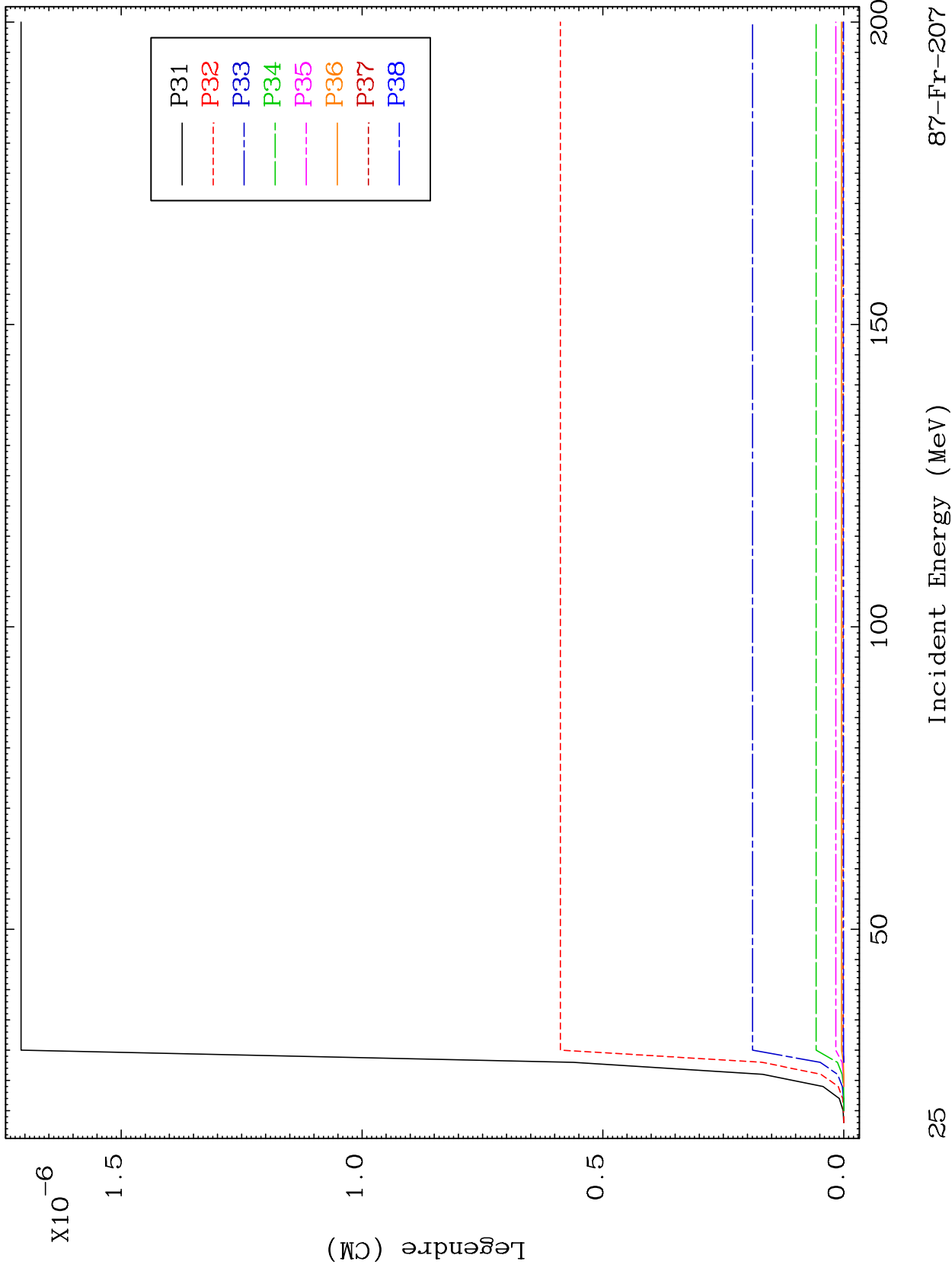
24

87-Fr-207

MAT 8710

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

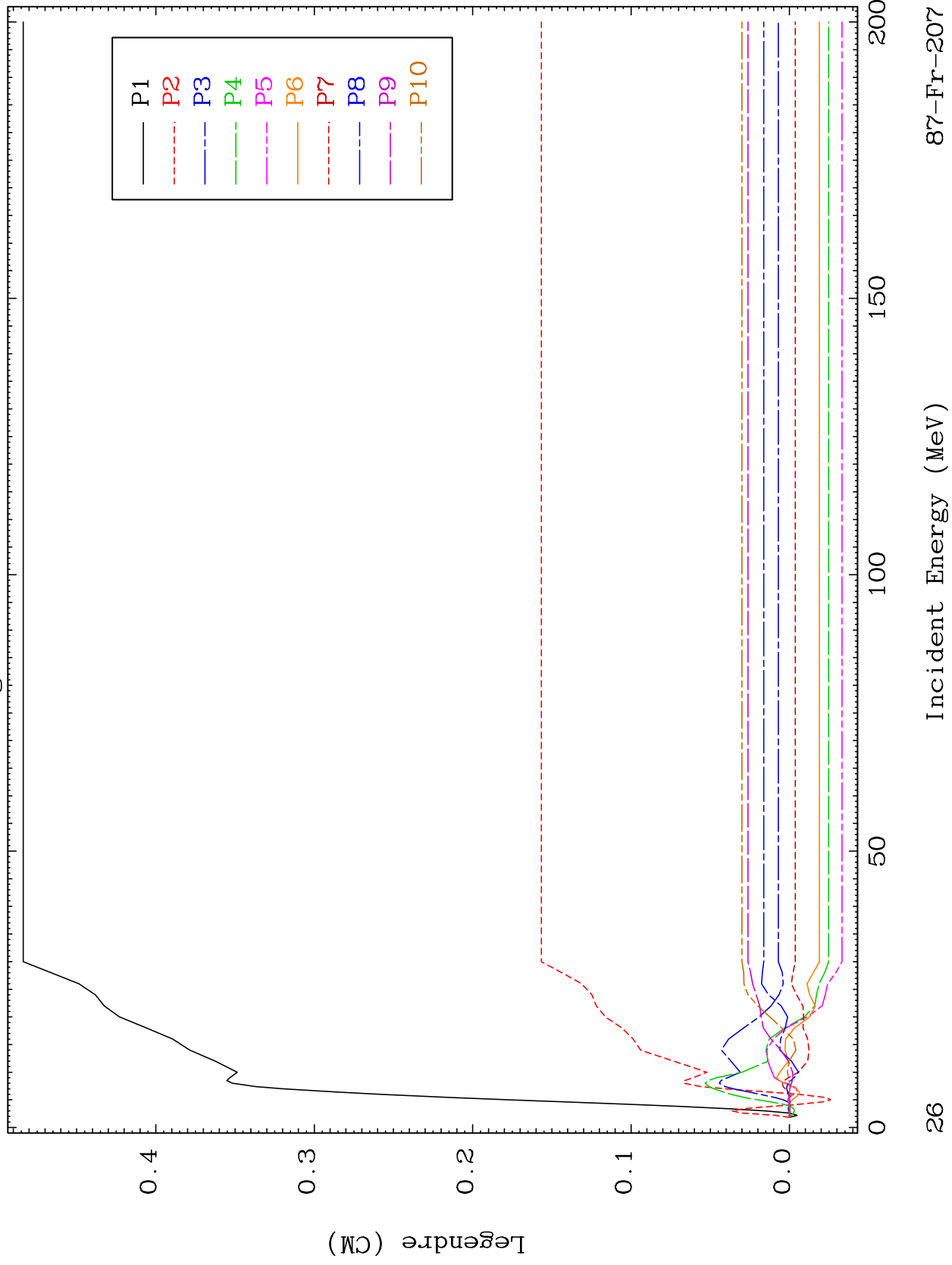
87-Fr-207



MAT 8710

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

87-Fr-207



87-Fr-207

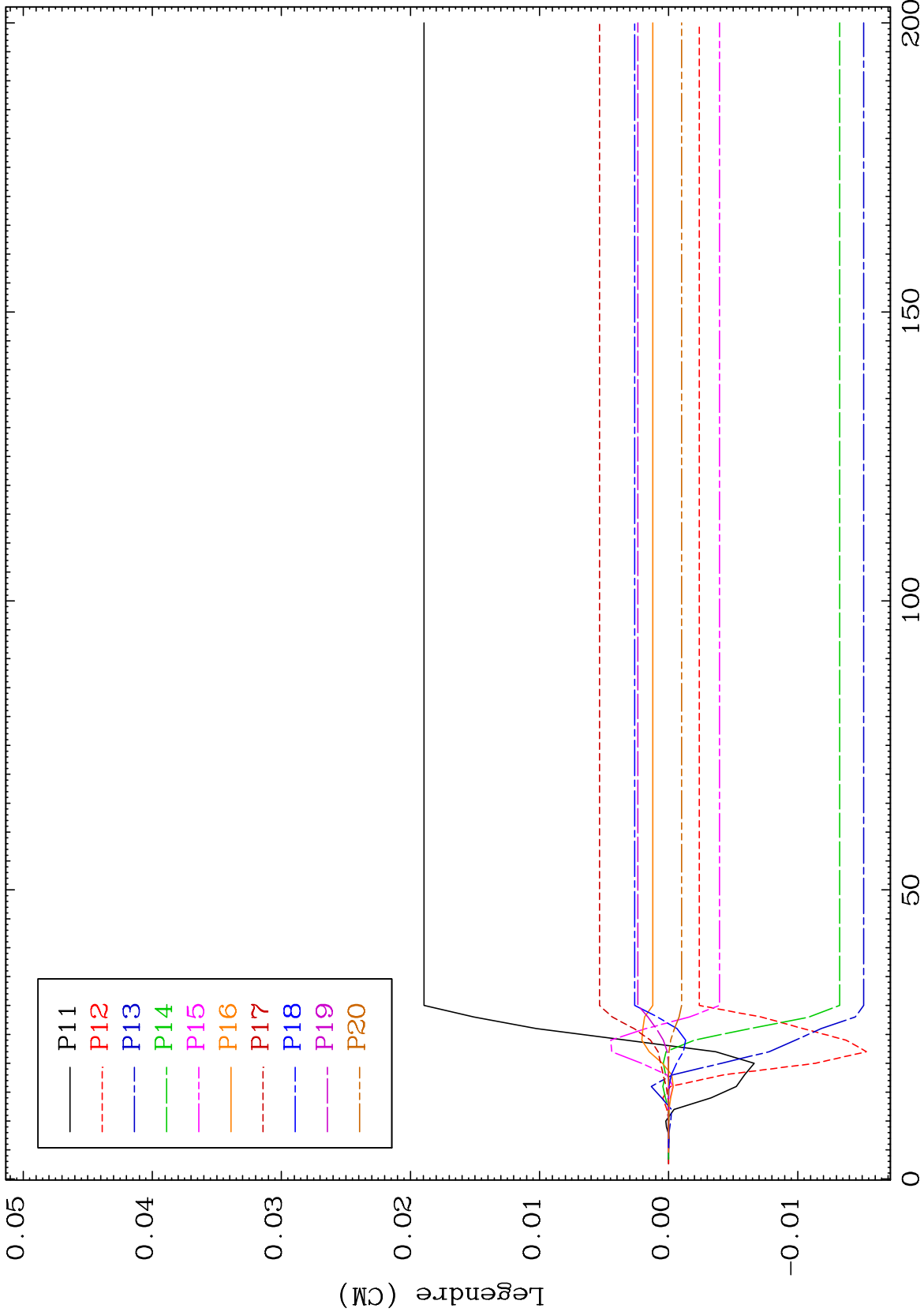
Incident Energy (MeV)

26

MAT 8710

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

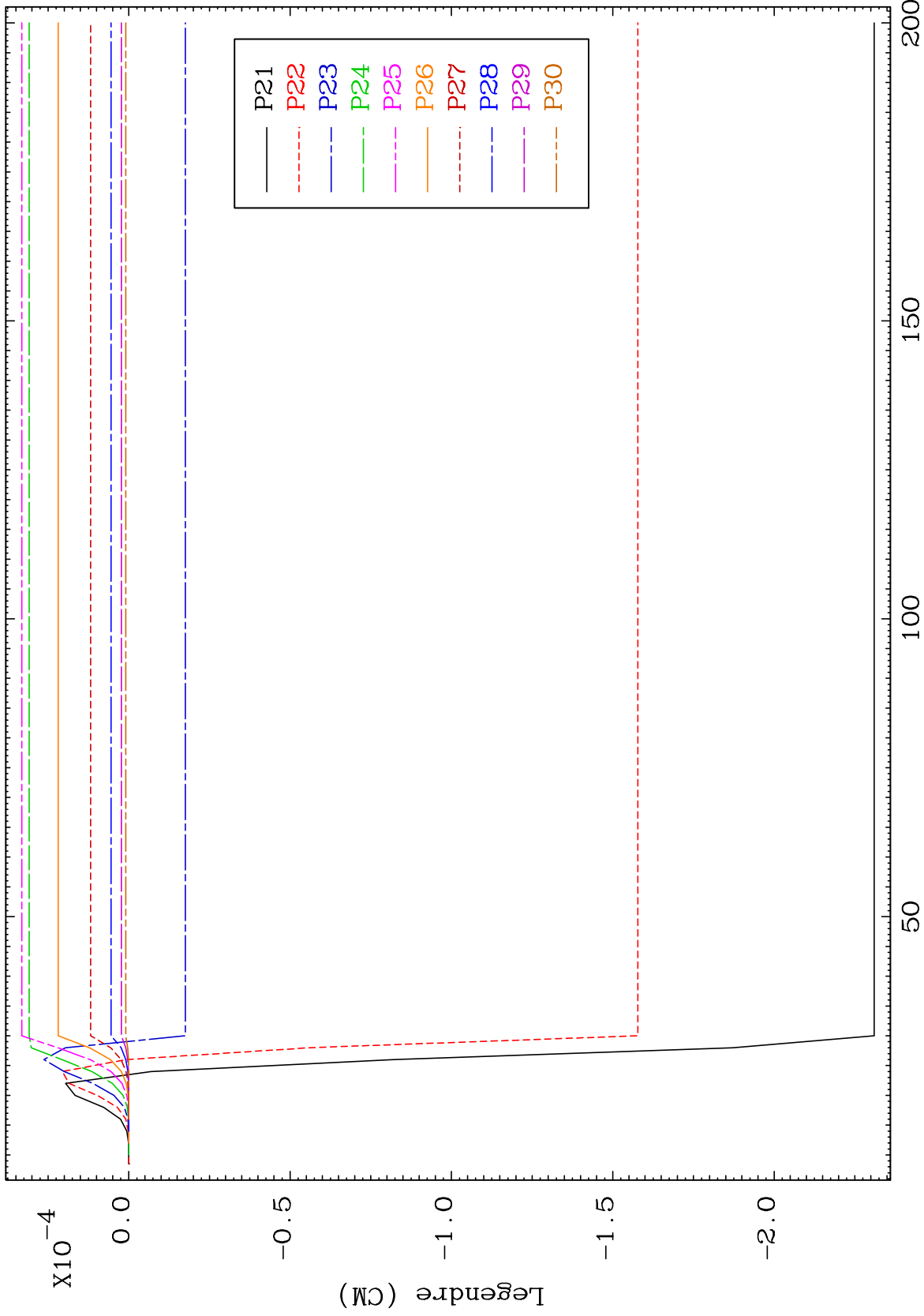
87-Fr-207



27

Incident Energy (MeV)

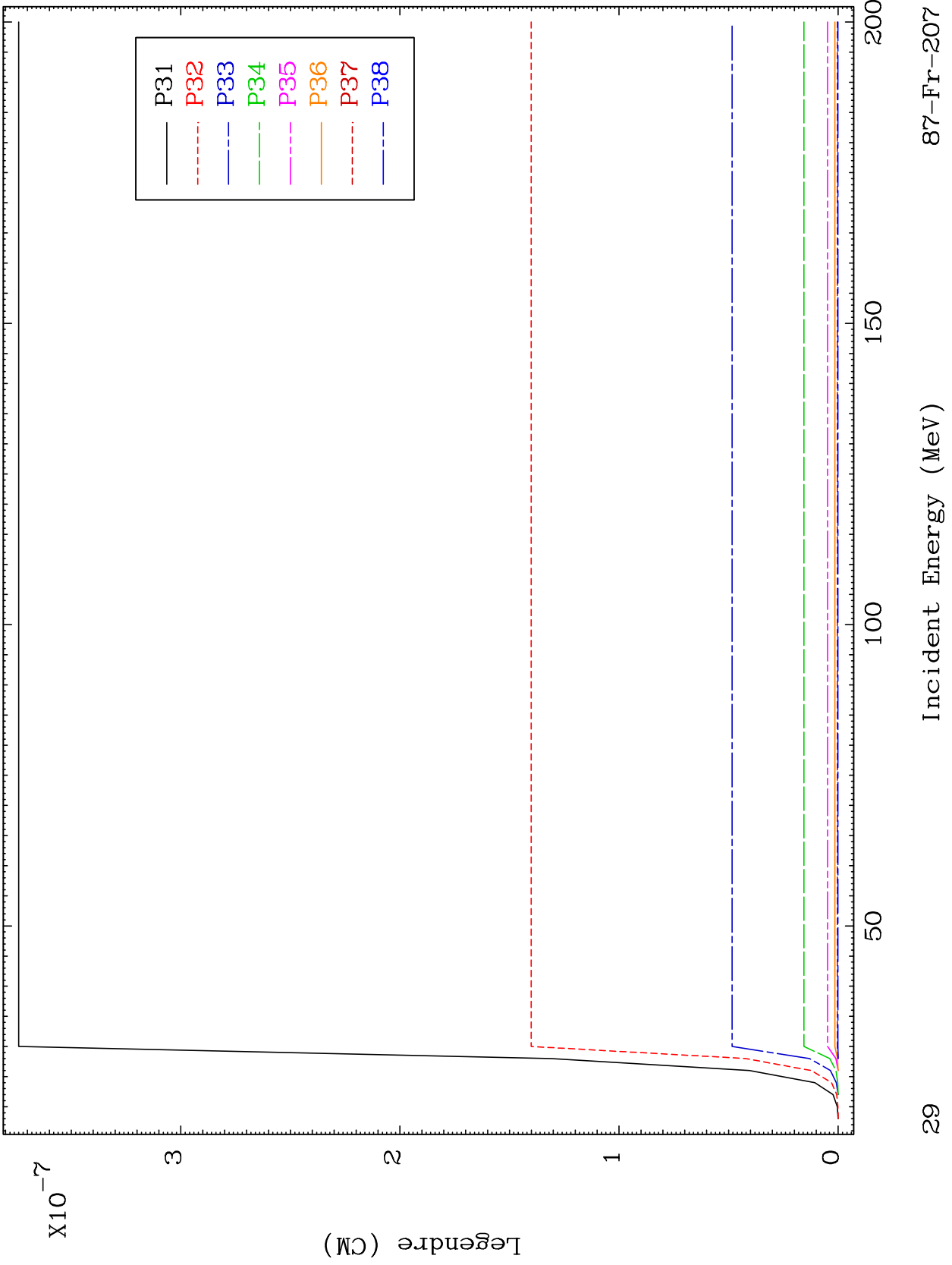
87-Fr-207



MAT 8710

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

87-Fr-207



29

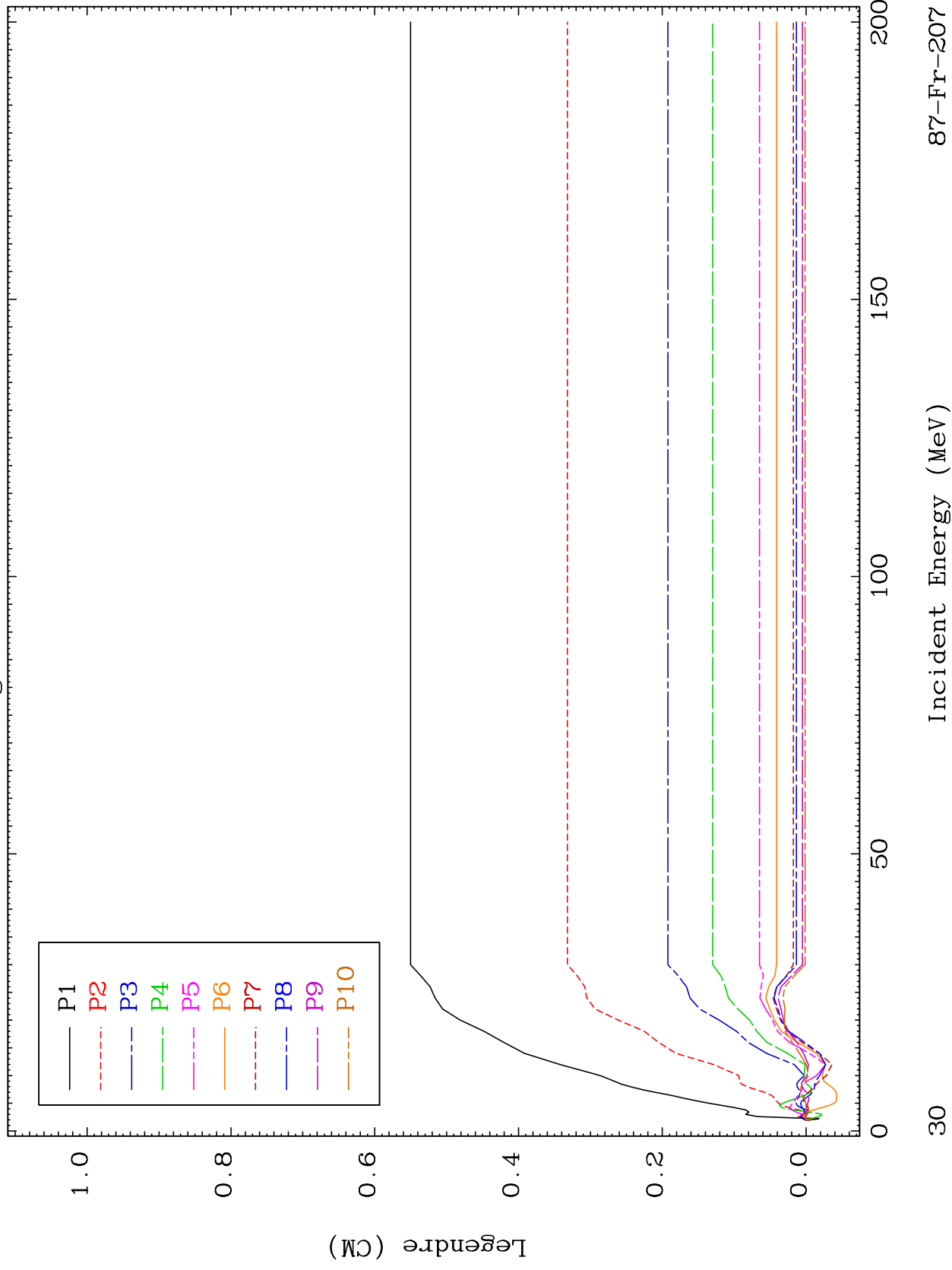
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

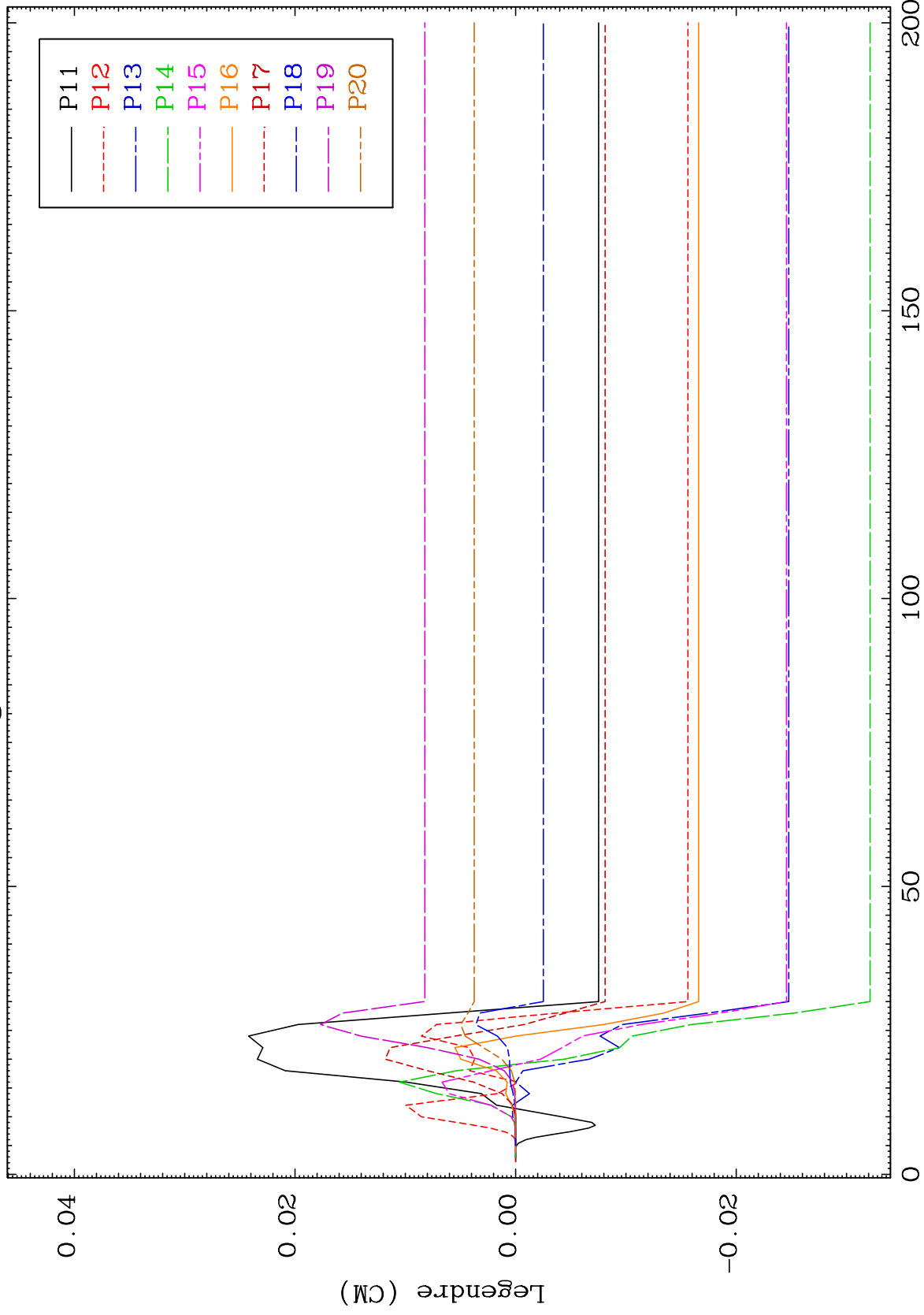
87-Fr-207



MAT 8710

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

87-Fr-207



31

Incident Energy (MeV)

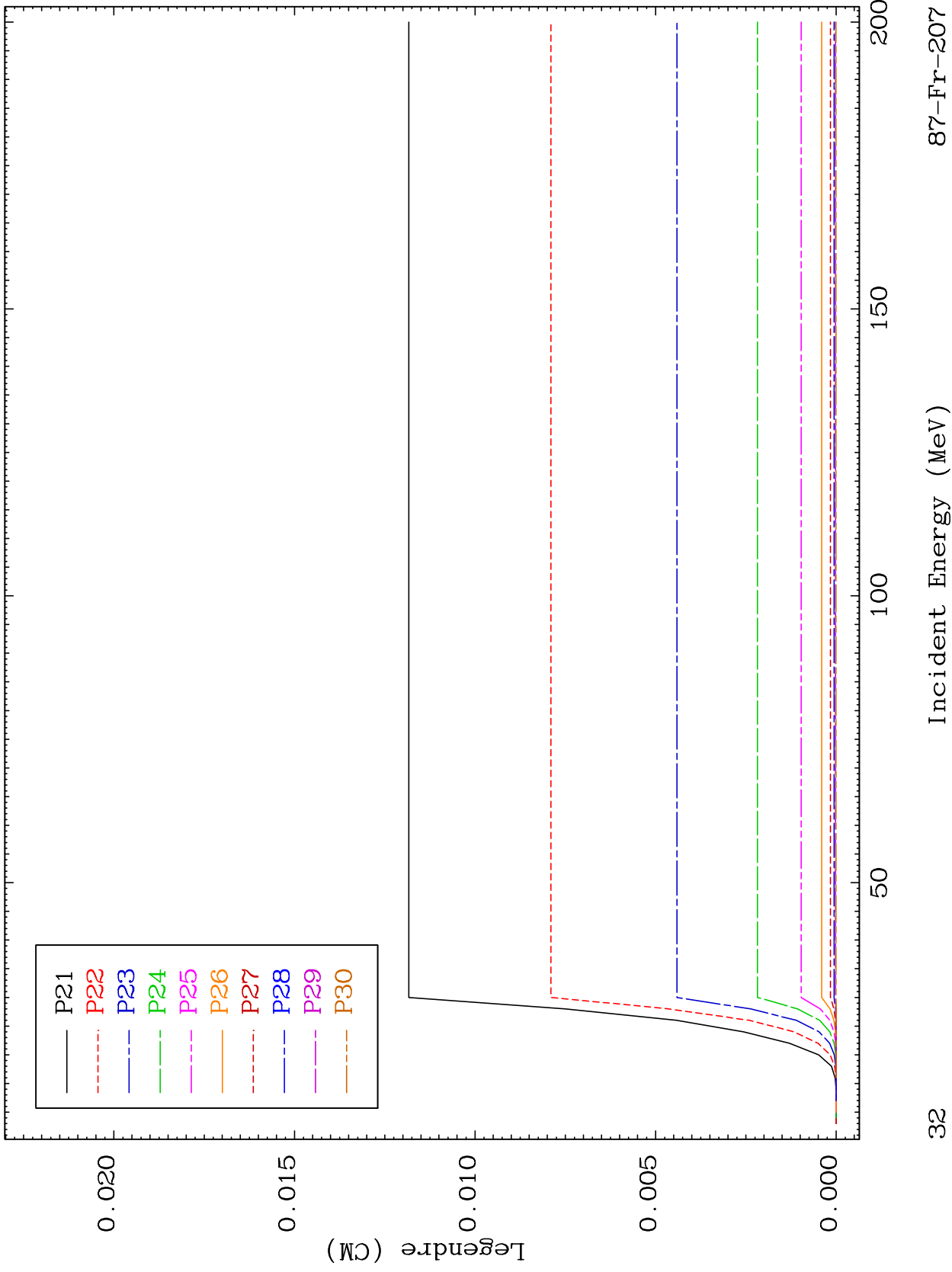
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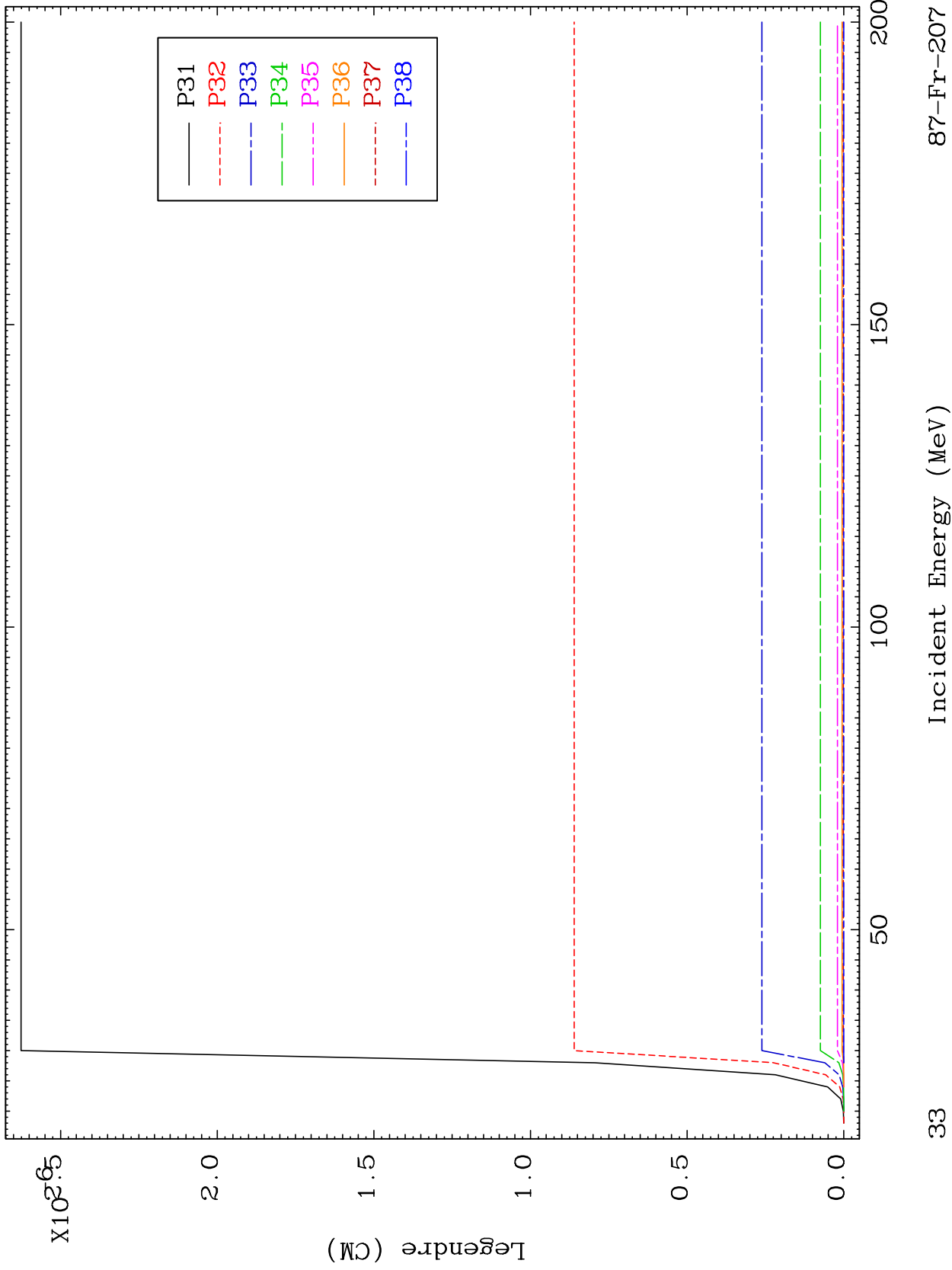


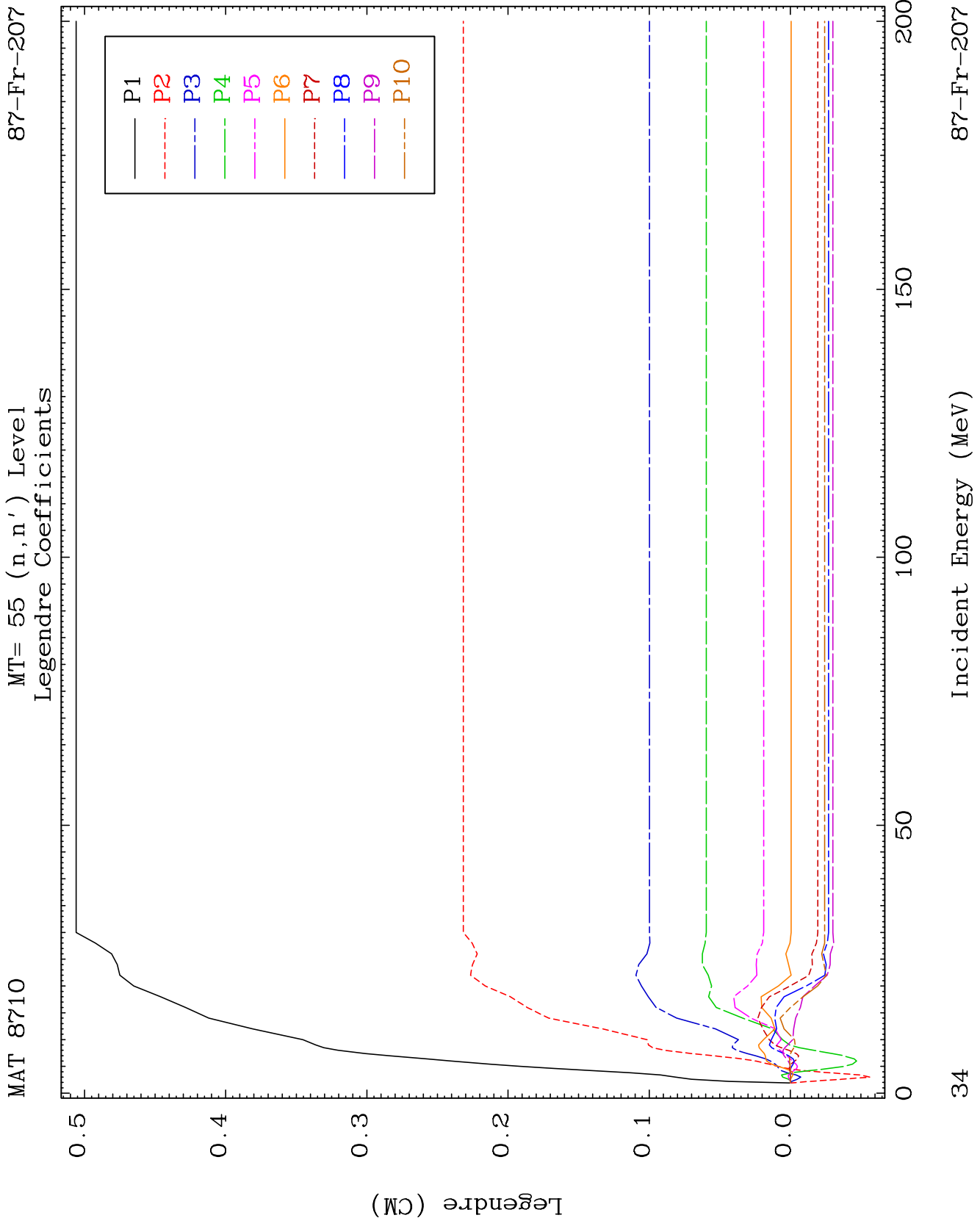
MAT 8710

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

87-Fr-207



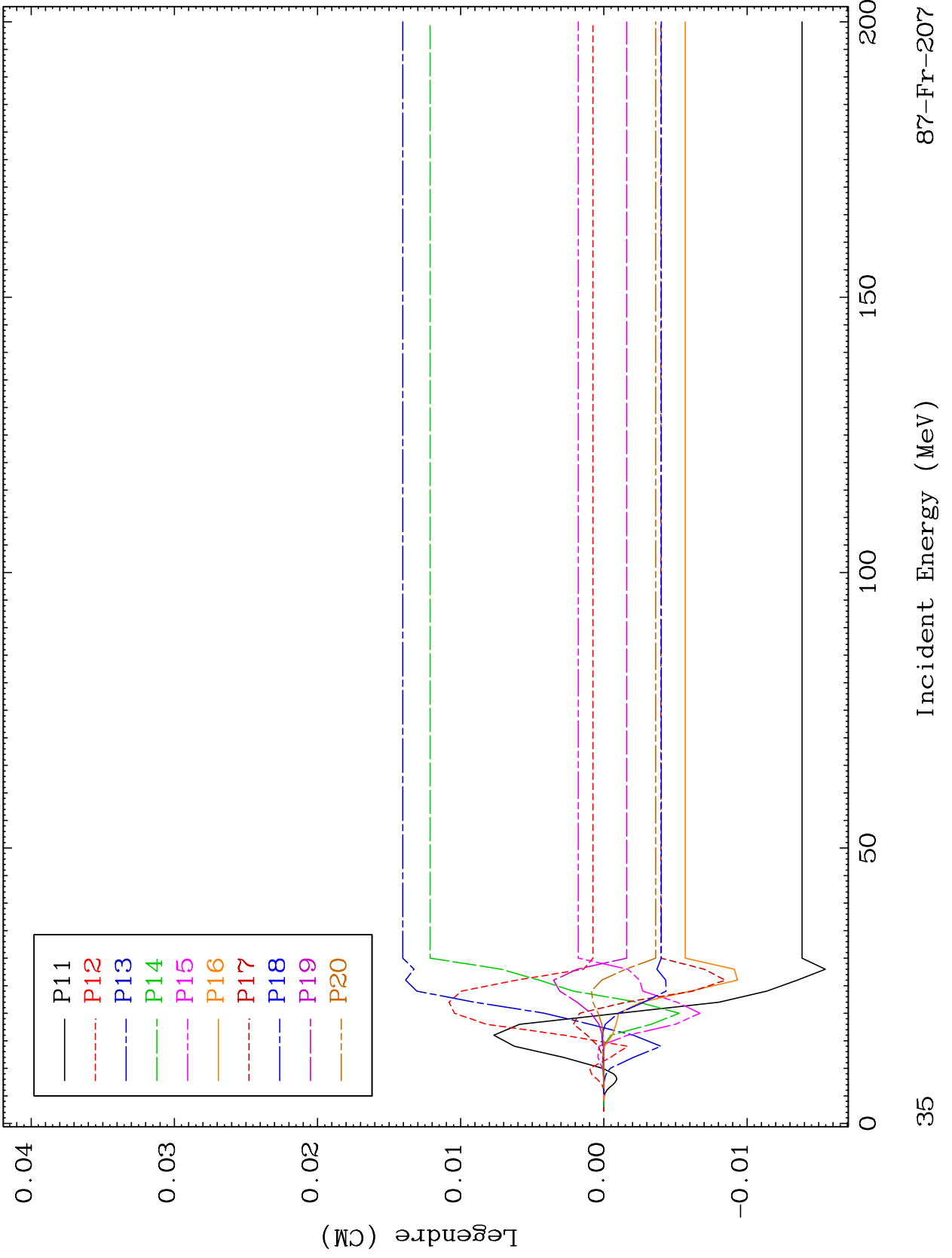




MAT 8710

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

87-Fr-207



87-Fr-207

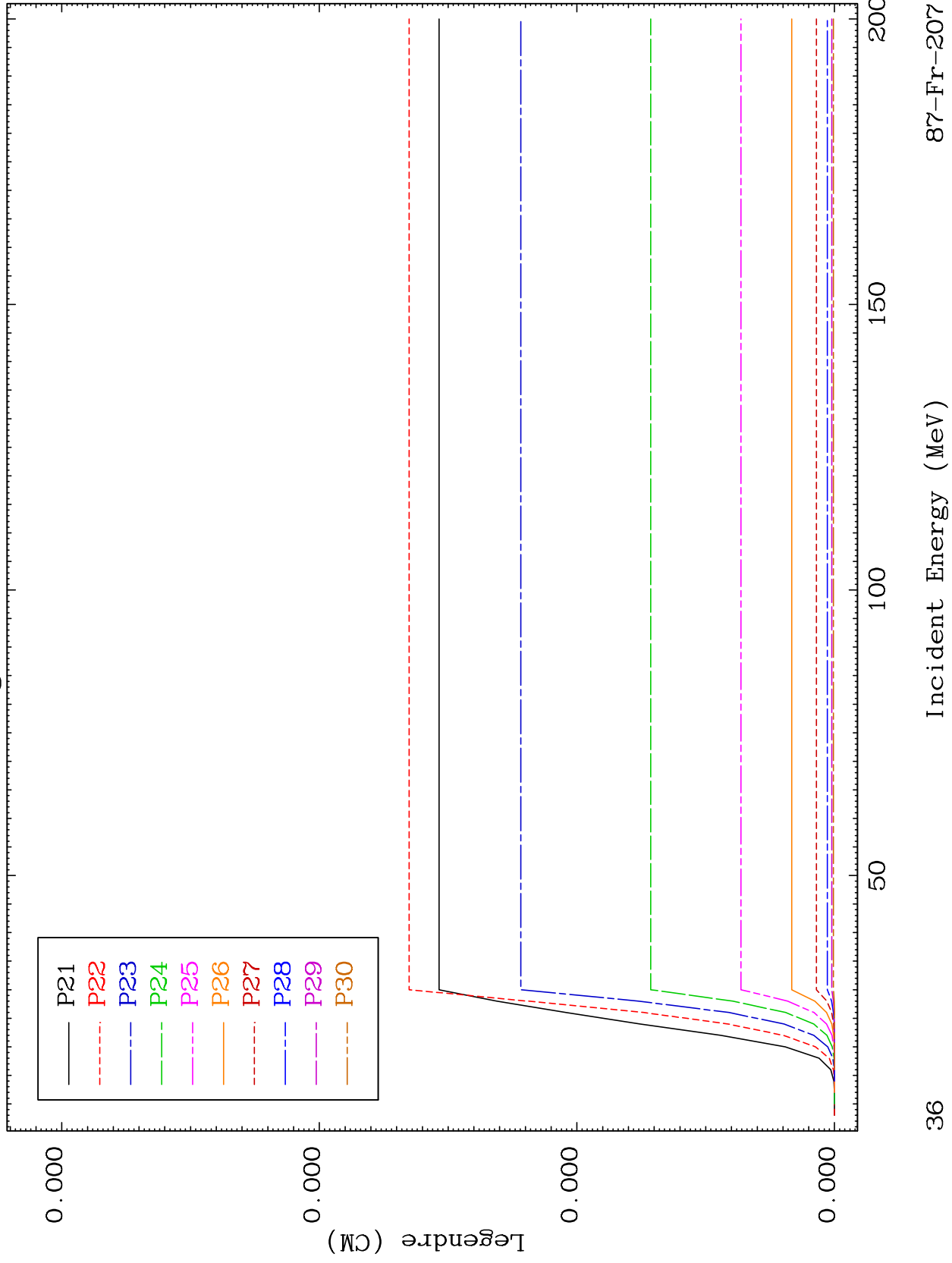
Incident Energy (MeV)

35

MAT 8710

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

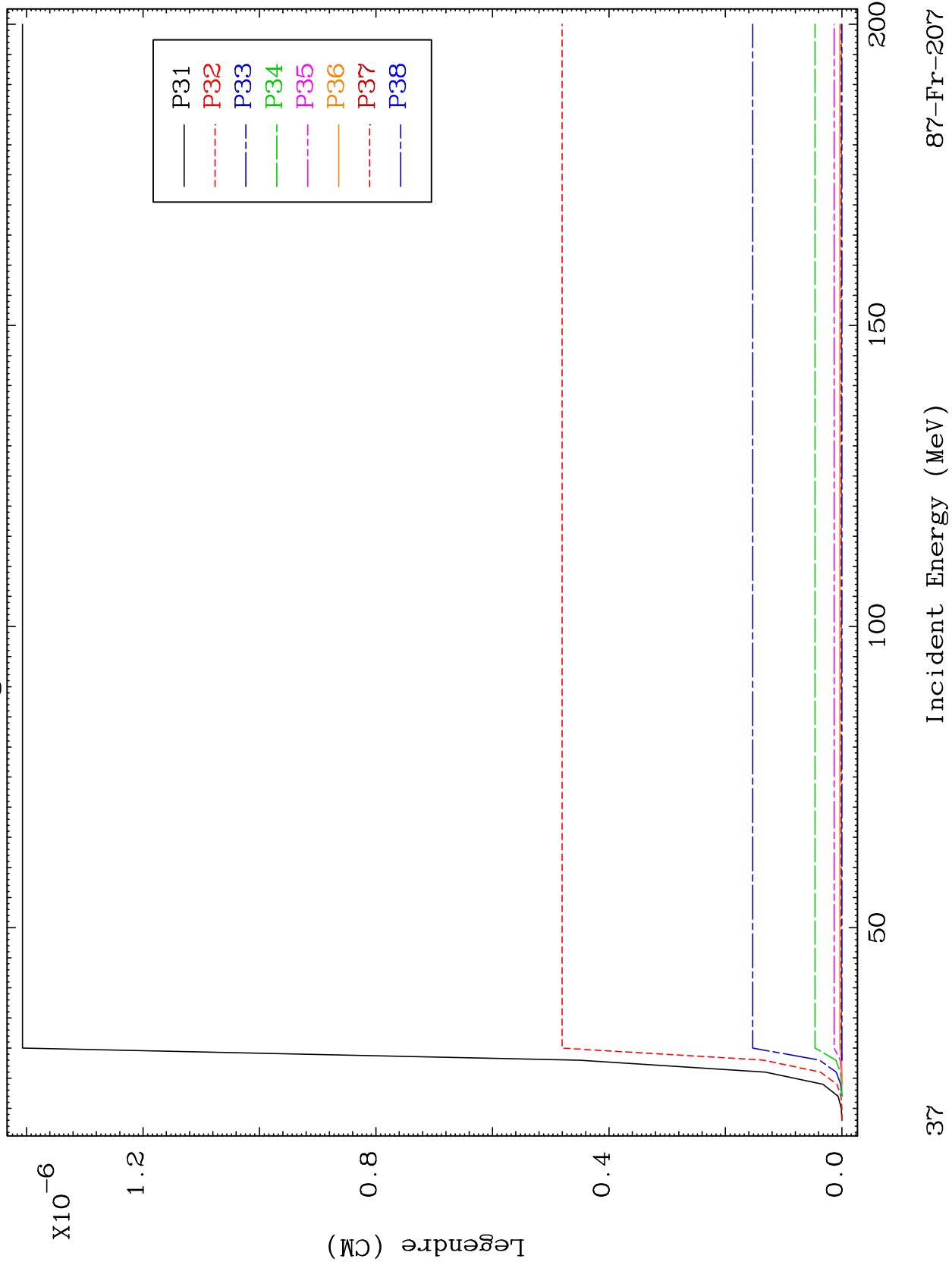
87-Fr-207



MAT 8710

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

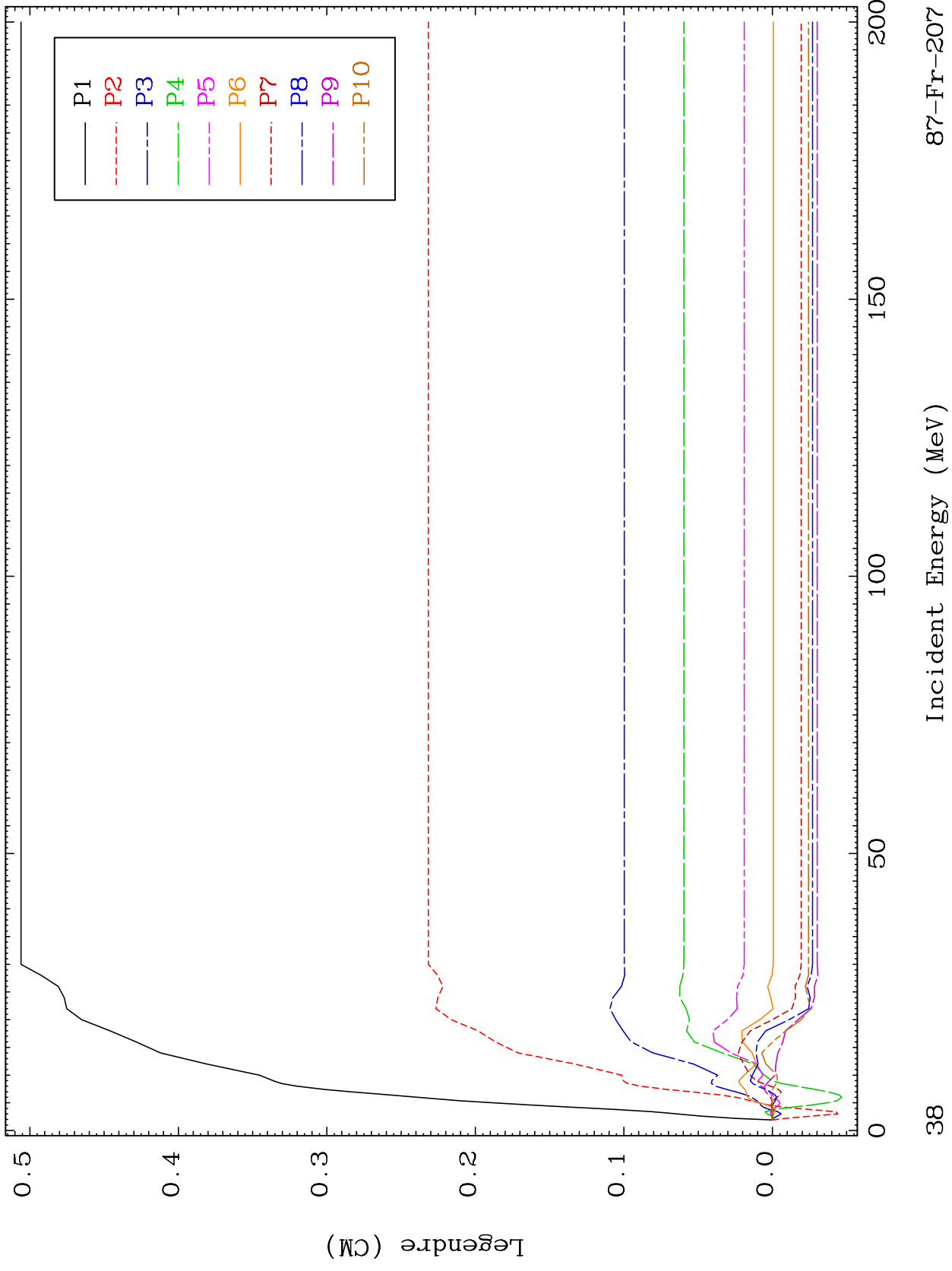
87-Fr-207



MAT 8710

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

87-Fr-207



87-Fr-207

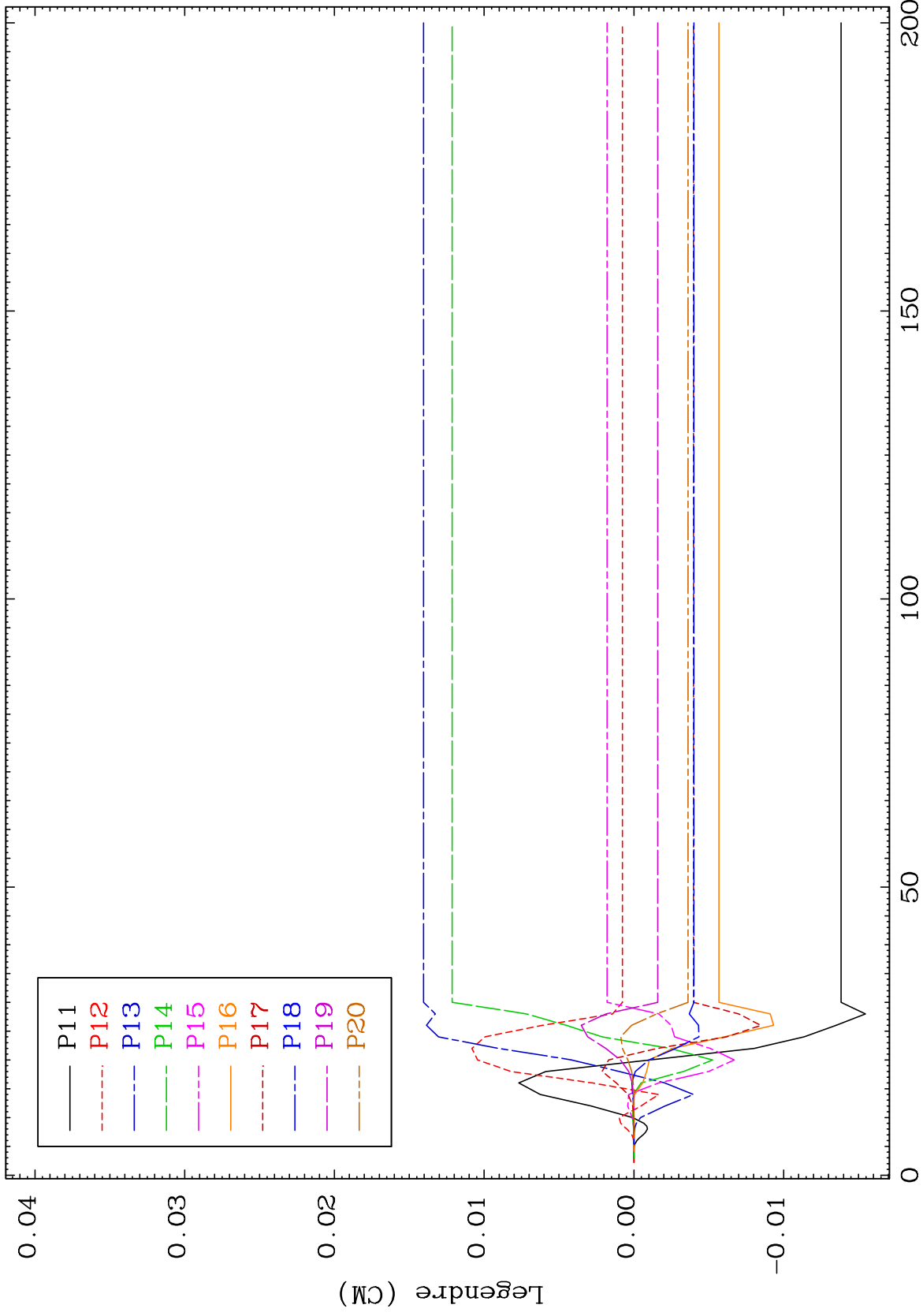
Incident Energy (MeV)

38

MAT 8710

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

87-Fr-207

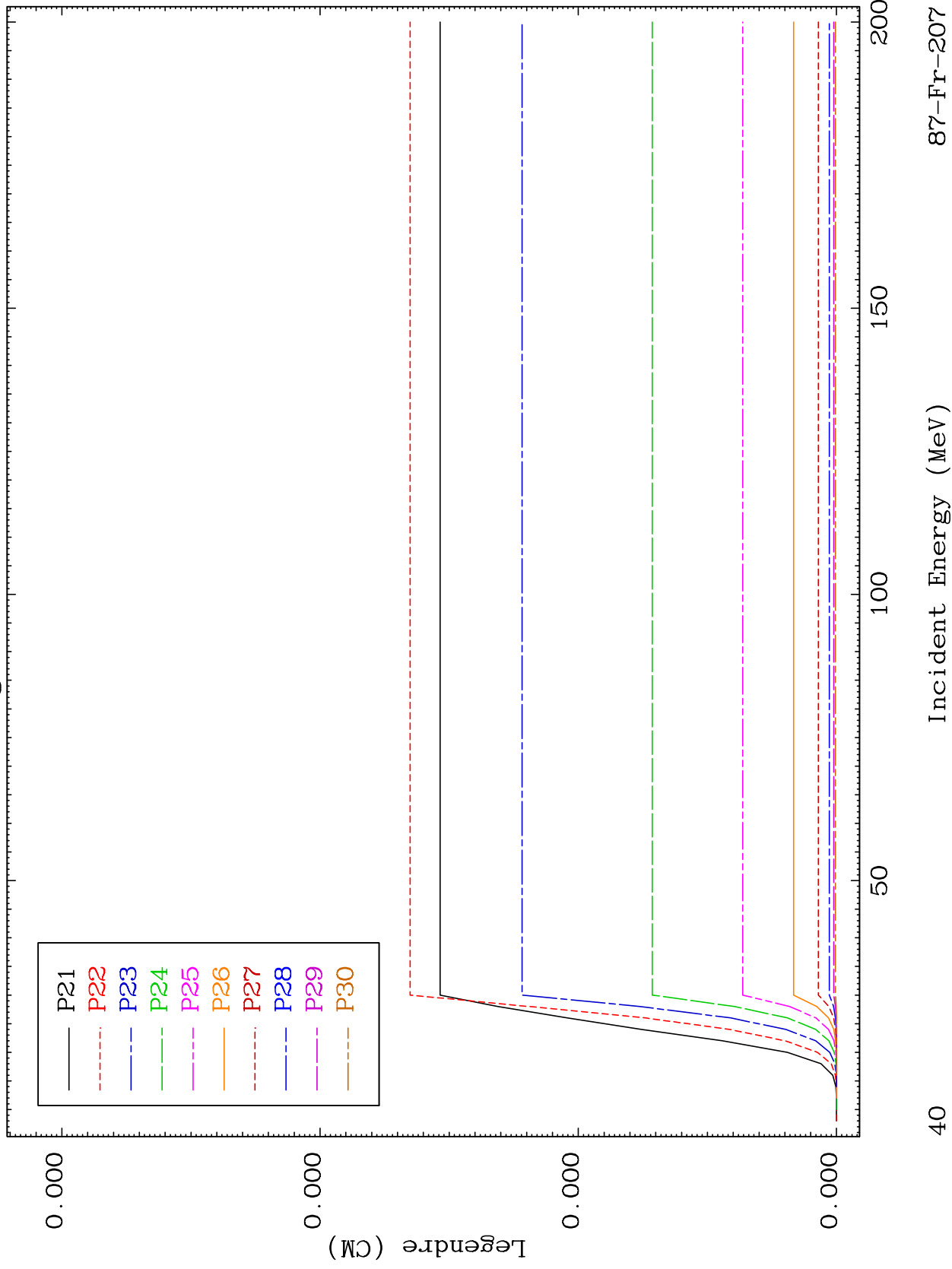




MAT 8710

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

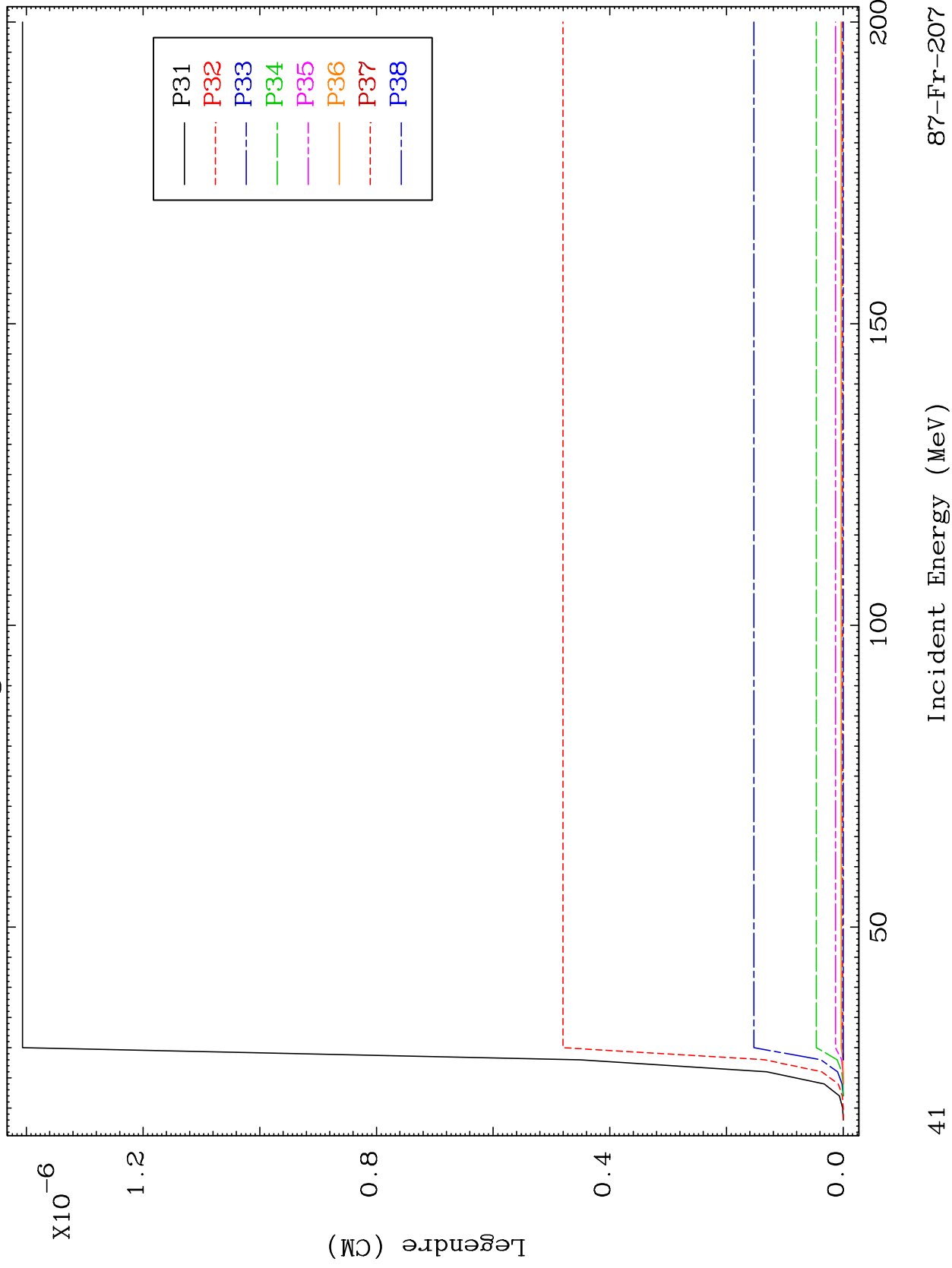
87-Fr-207



MAT 8710

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

87-Fr-207

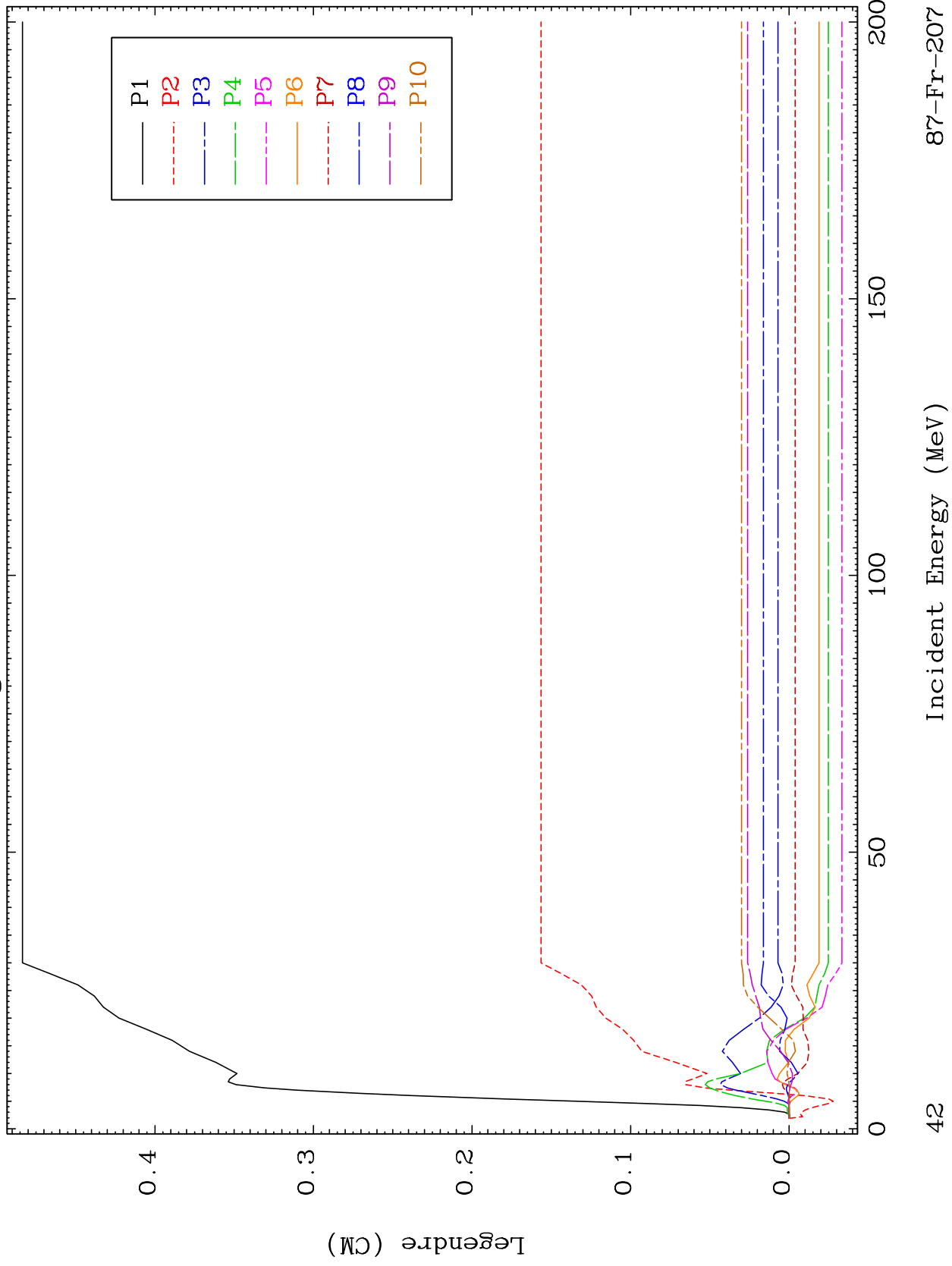


41

MAT 8710

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

87-Fr-207



87-Fr-207

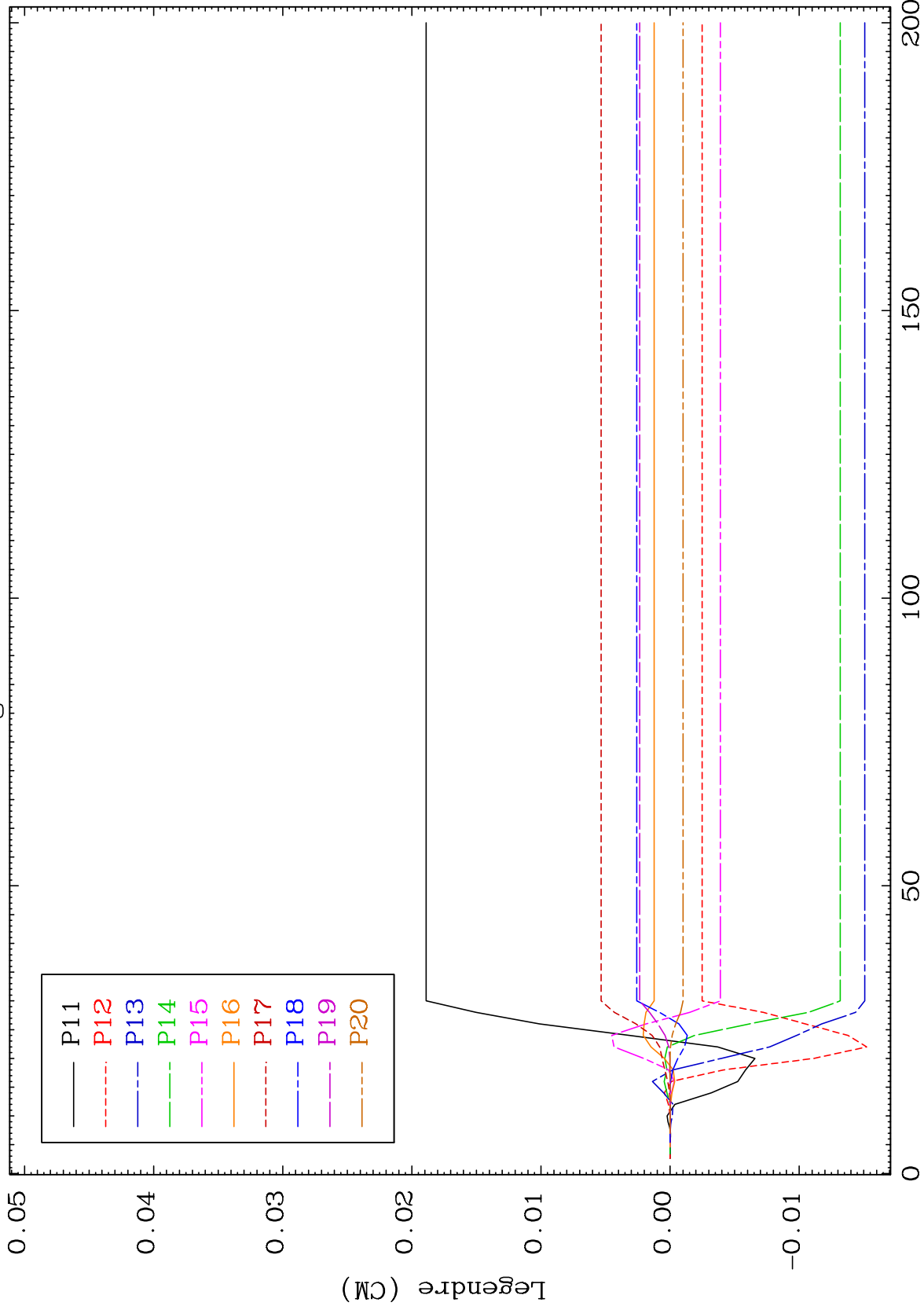
Incident Energy (MeV)

42

MAT 8710

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

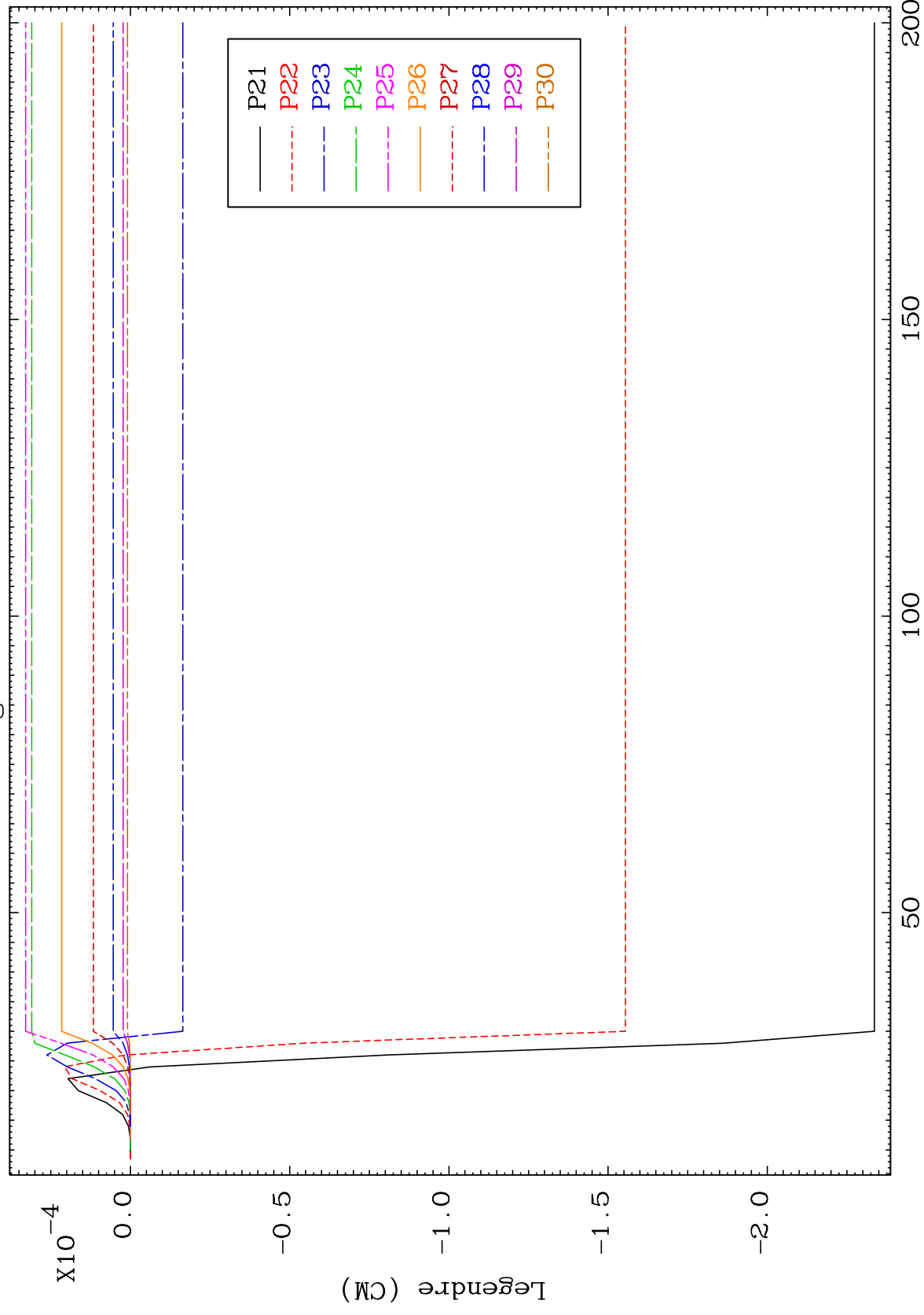
87-Fr-207



43

Incident Energy (MeV)

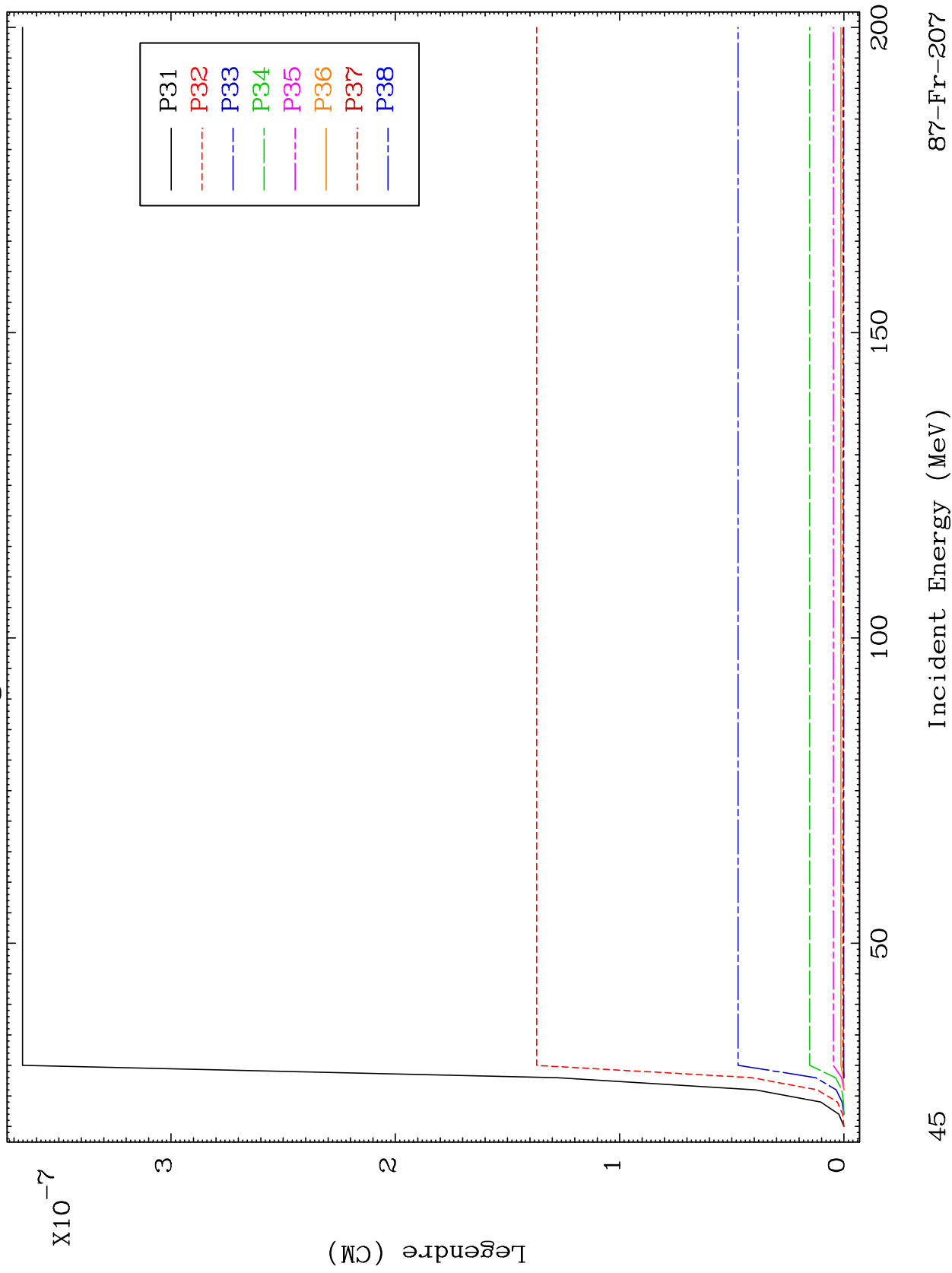
87-Fr-207



MAT 8710

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

87-Fr-207



45

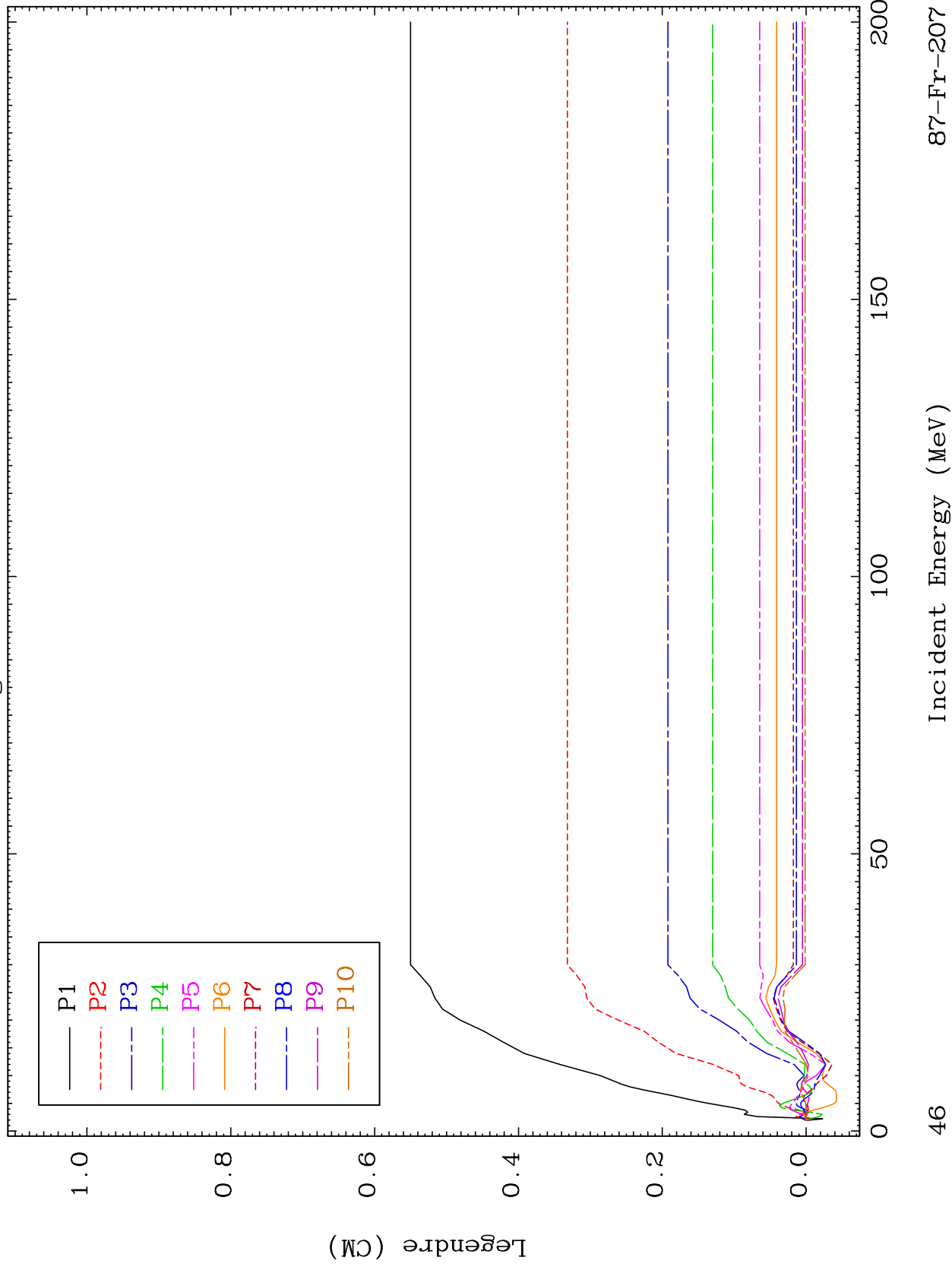
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



46

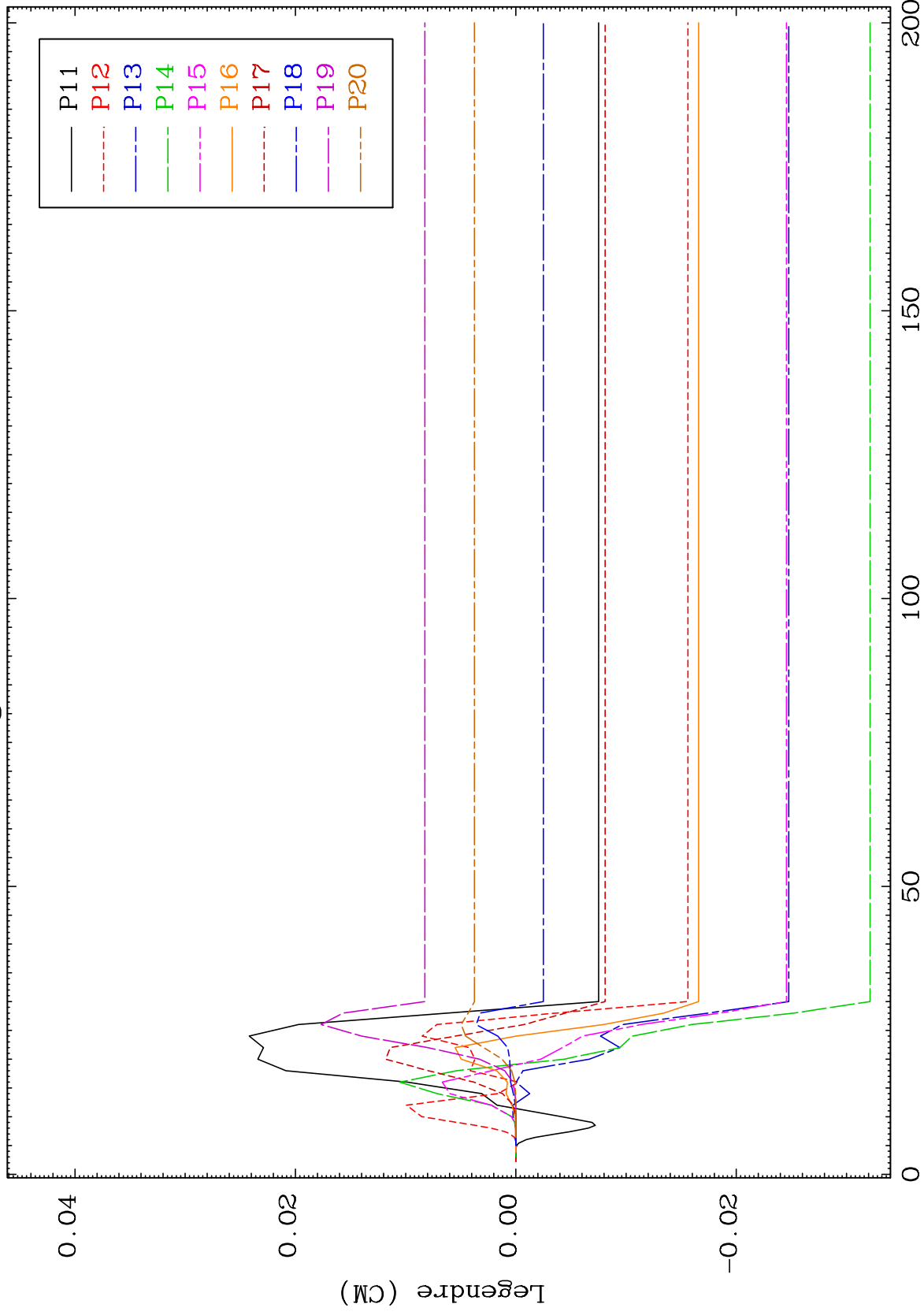
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



47

Incident Energy (MeV)

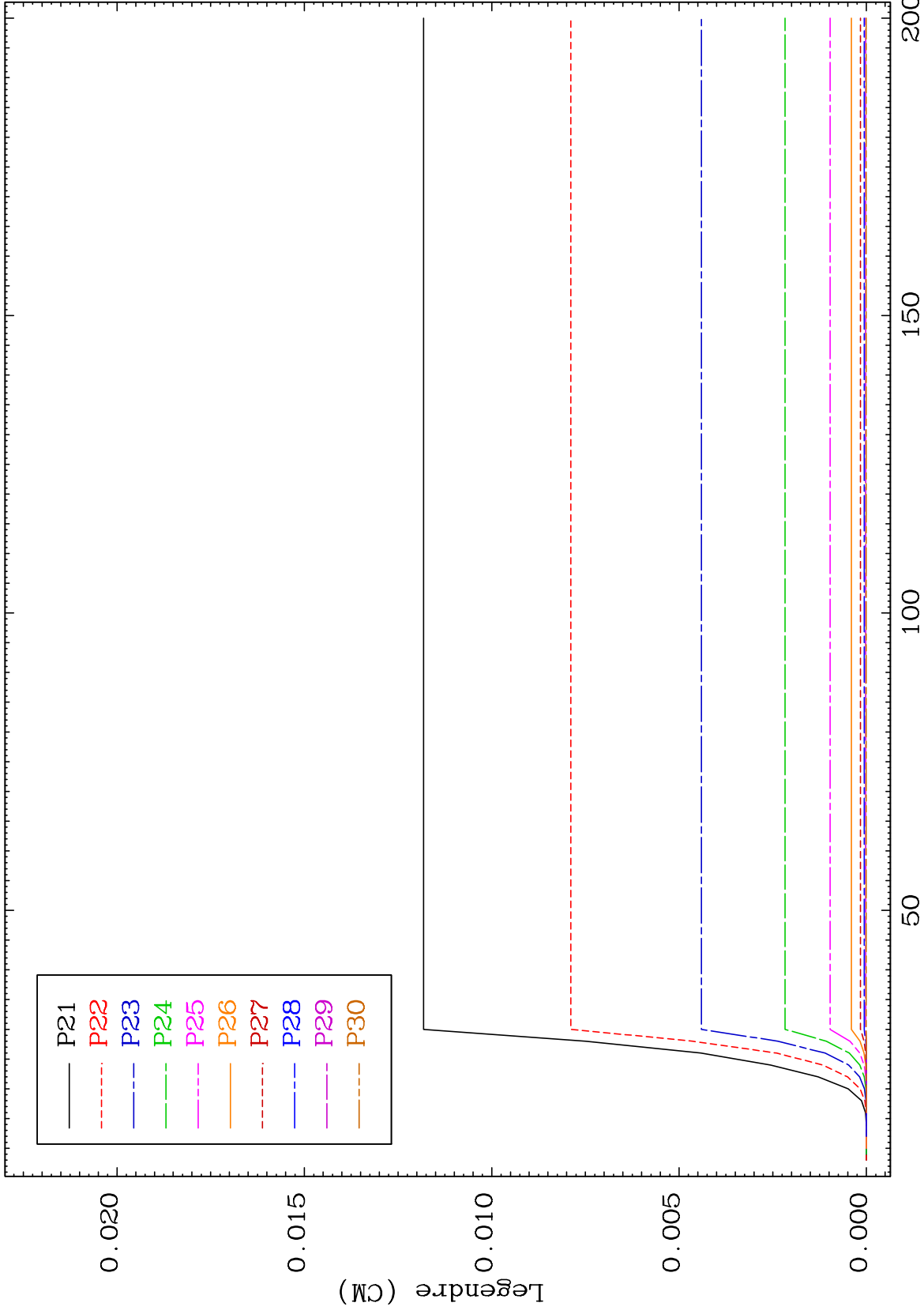
87-Fr-207



MAT 8710

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

87-Fr-207



48

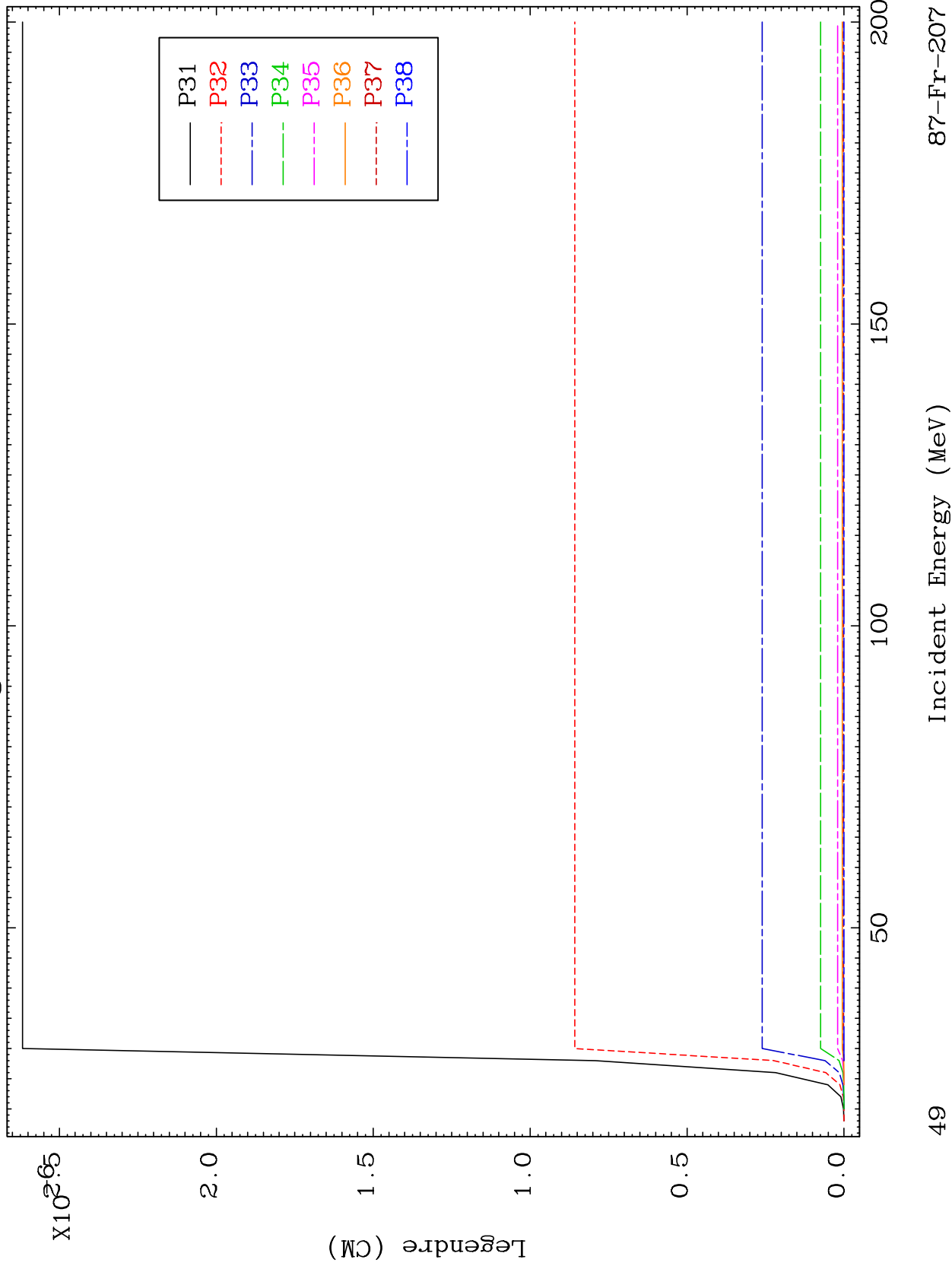
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



49

Incident Energy (MeV)

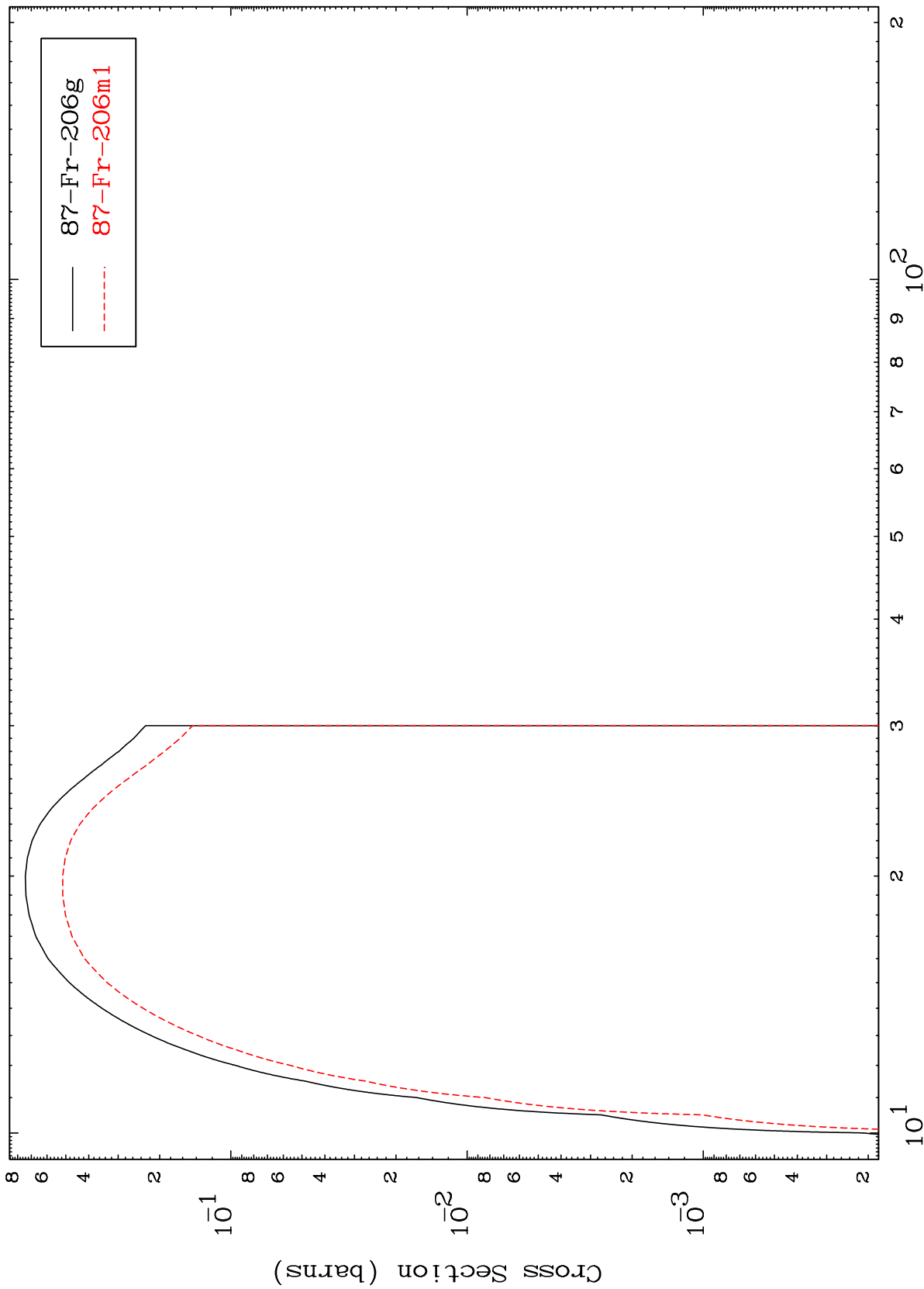
87-Fr-207

MAT 8710

87-Fr-207

(n,2n)

Radionuclide Production Cross Section



87-Fr-207

Incident Energy (MeV)

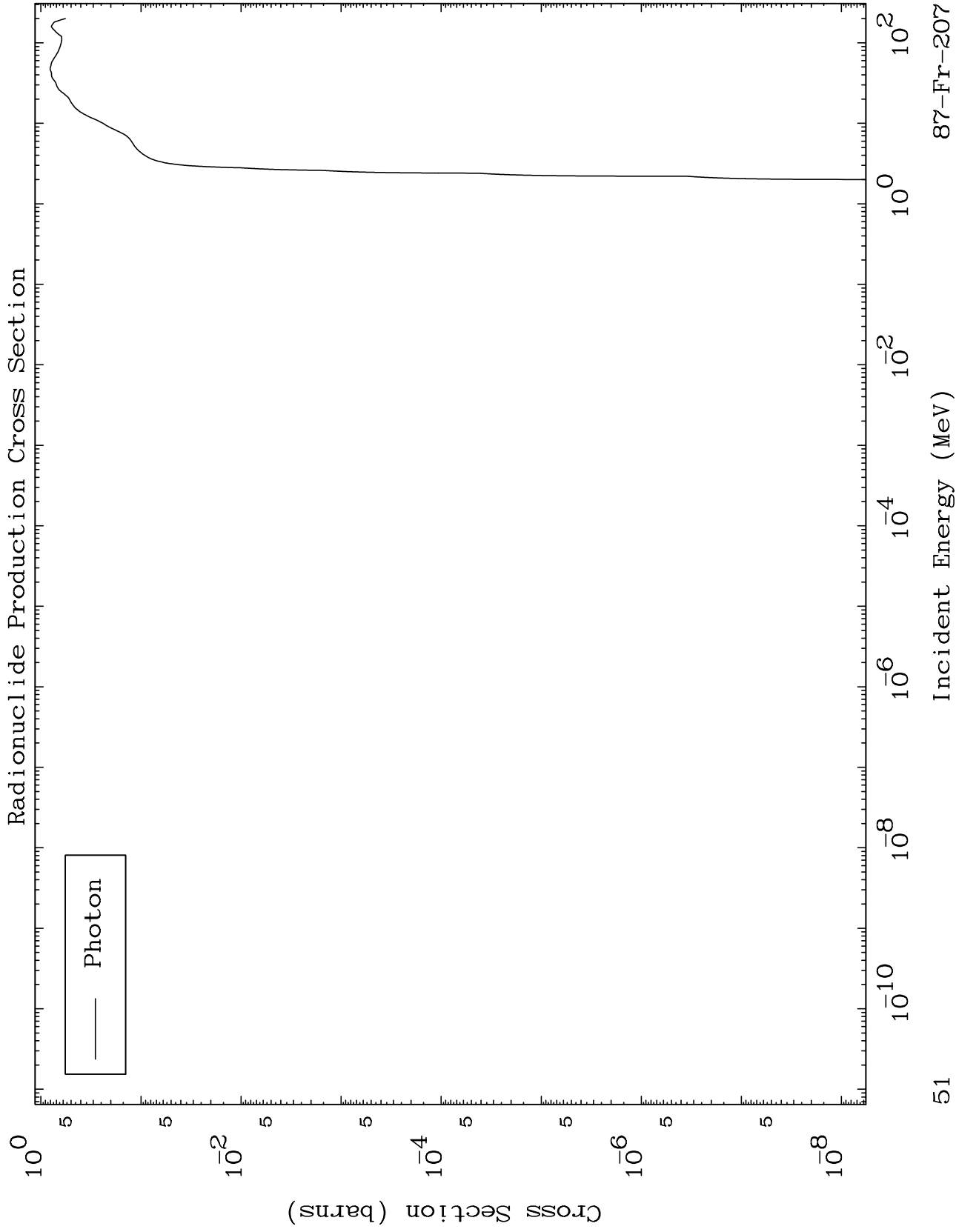
50

MAT 8710

Fission

87-Fr-207

Radionuclide Production Cross Section

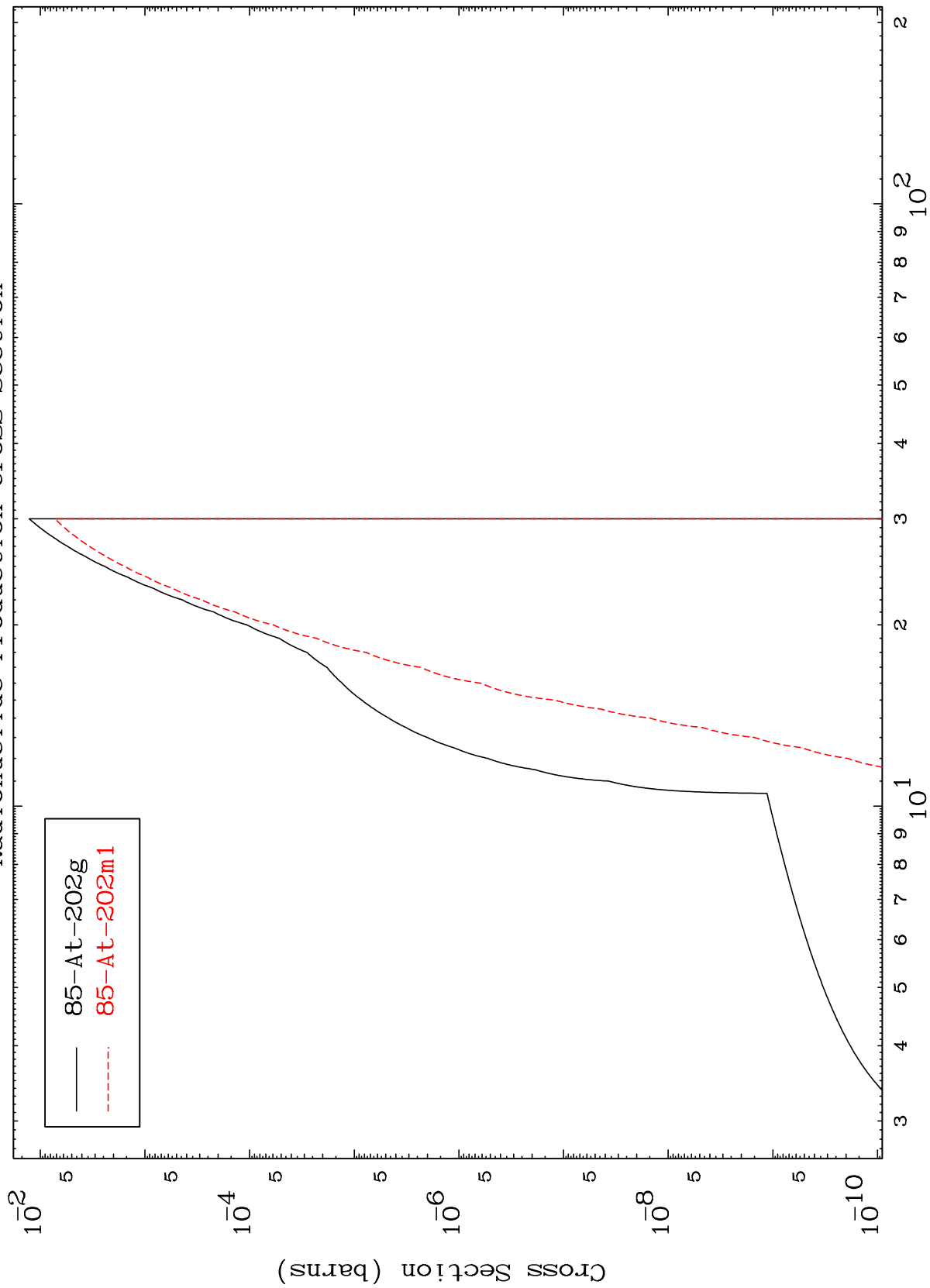


MAT 8710

$(n,2n) \alpha$

87-Fr-207

Radionuclide Production Cross Section



Incident Energy (MeV)

87-Fr-207

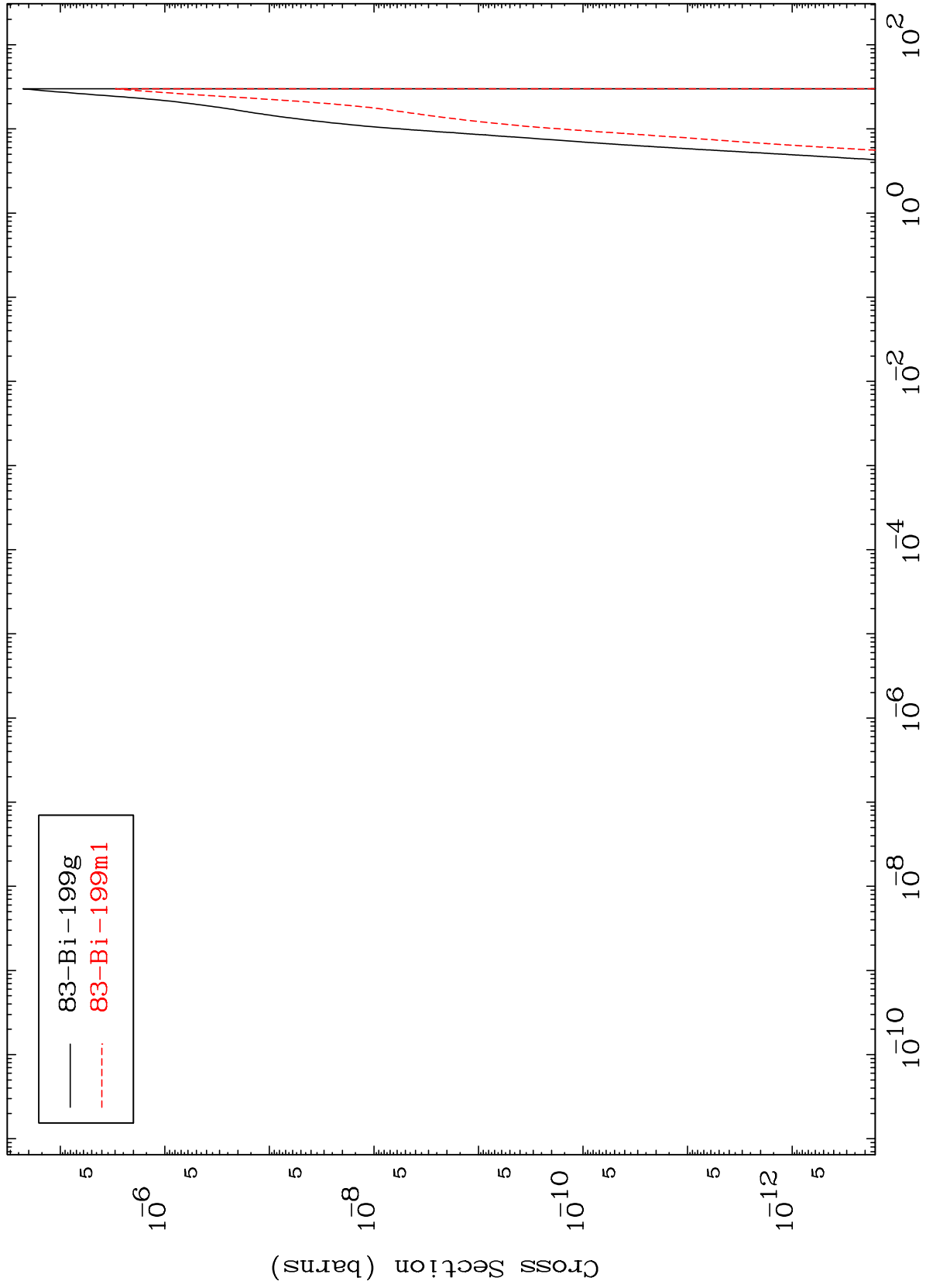
52

MAT 8710

(n,n') 2α

87-Fr-207

Radionuclide Production Cross Section



53

Incident Energy (MeV)

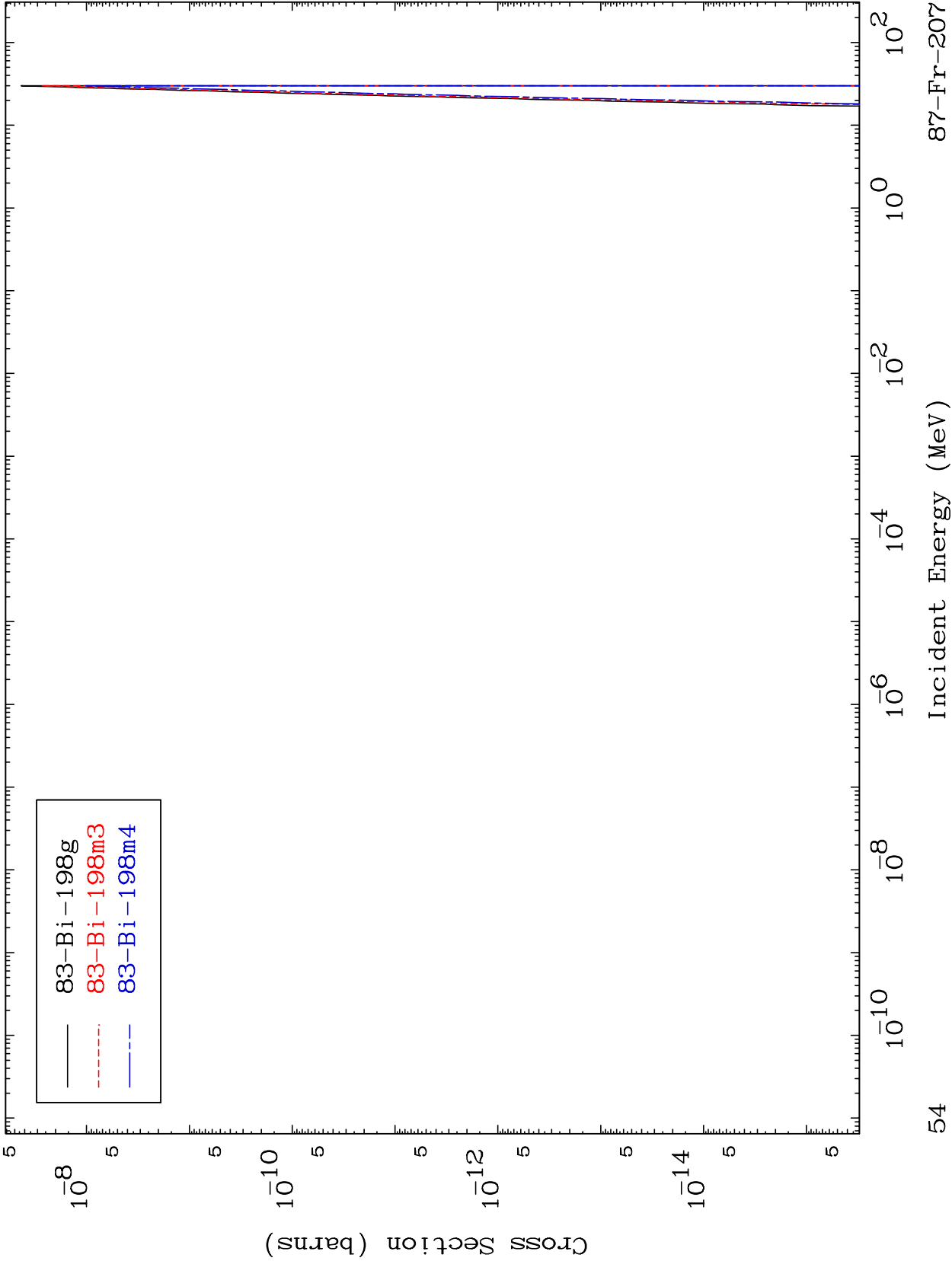
87-Fr-207

MAT 8710

(n,2n) 2 $\alpha$

87-Fr-207

Radionuclide Production Cross Section

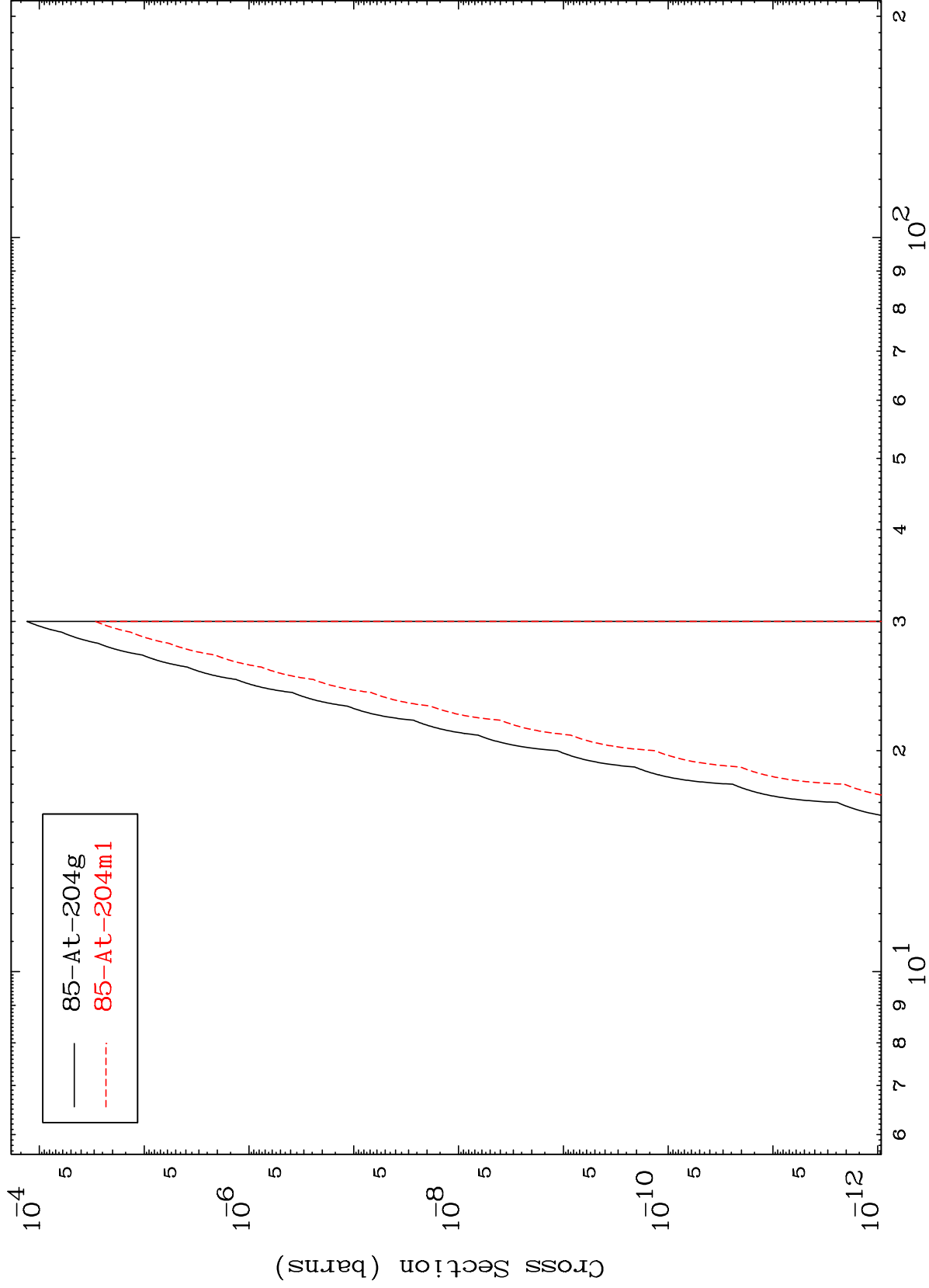


MAT 8710

(n,n') He-3

87-Fr-207

Radionuclide Production Cross Section



55

Incident Energy (MeV)

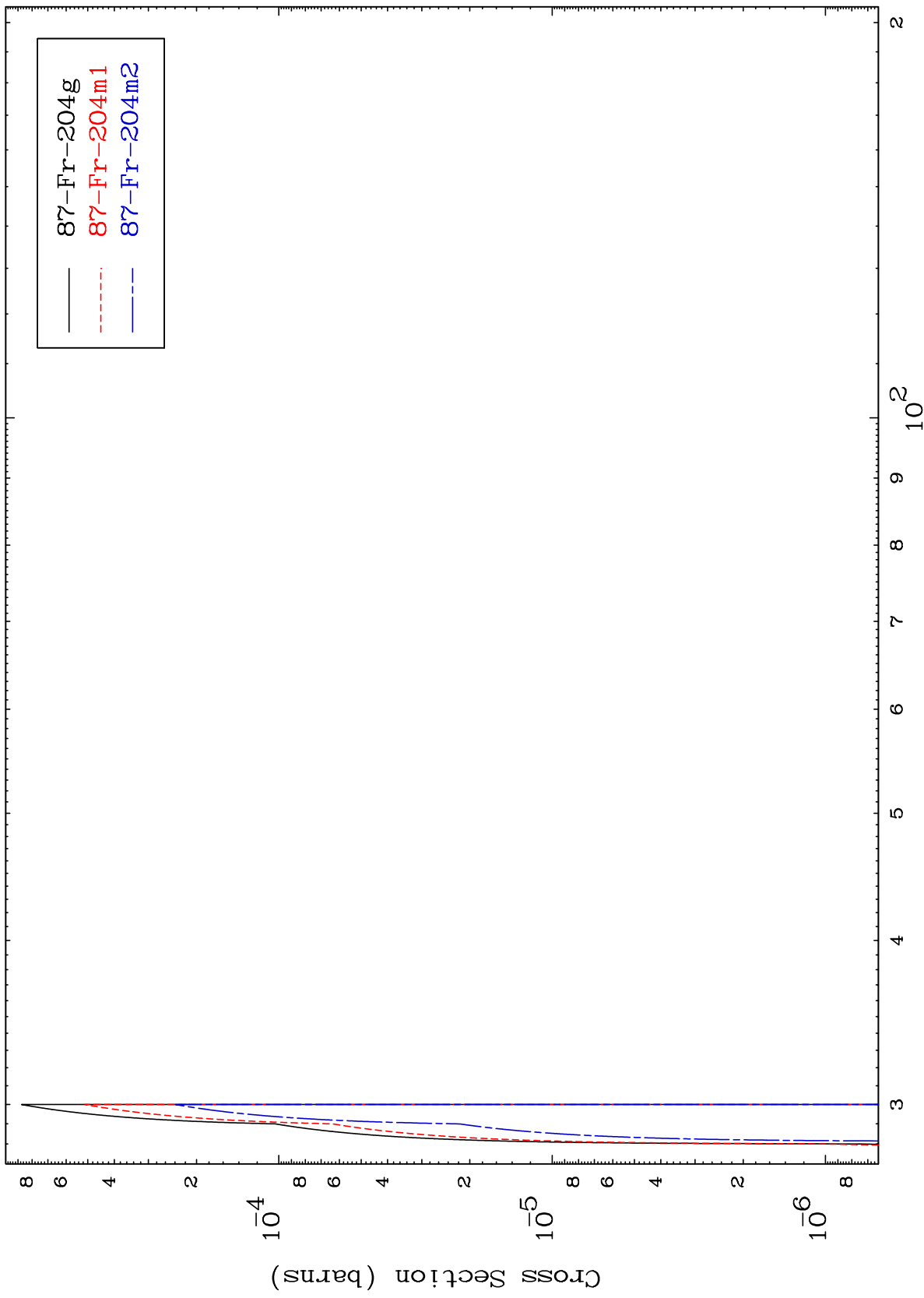
87-Fr-207



MAT 8710

87-Fr-207

(n,4n)  
Radionuclide Production Cross Section



56

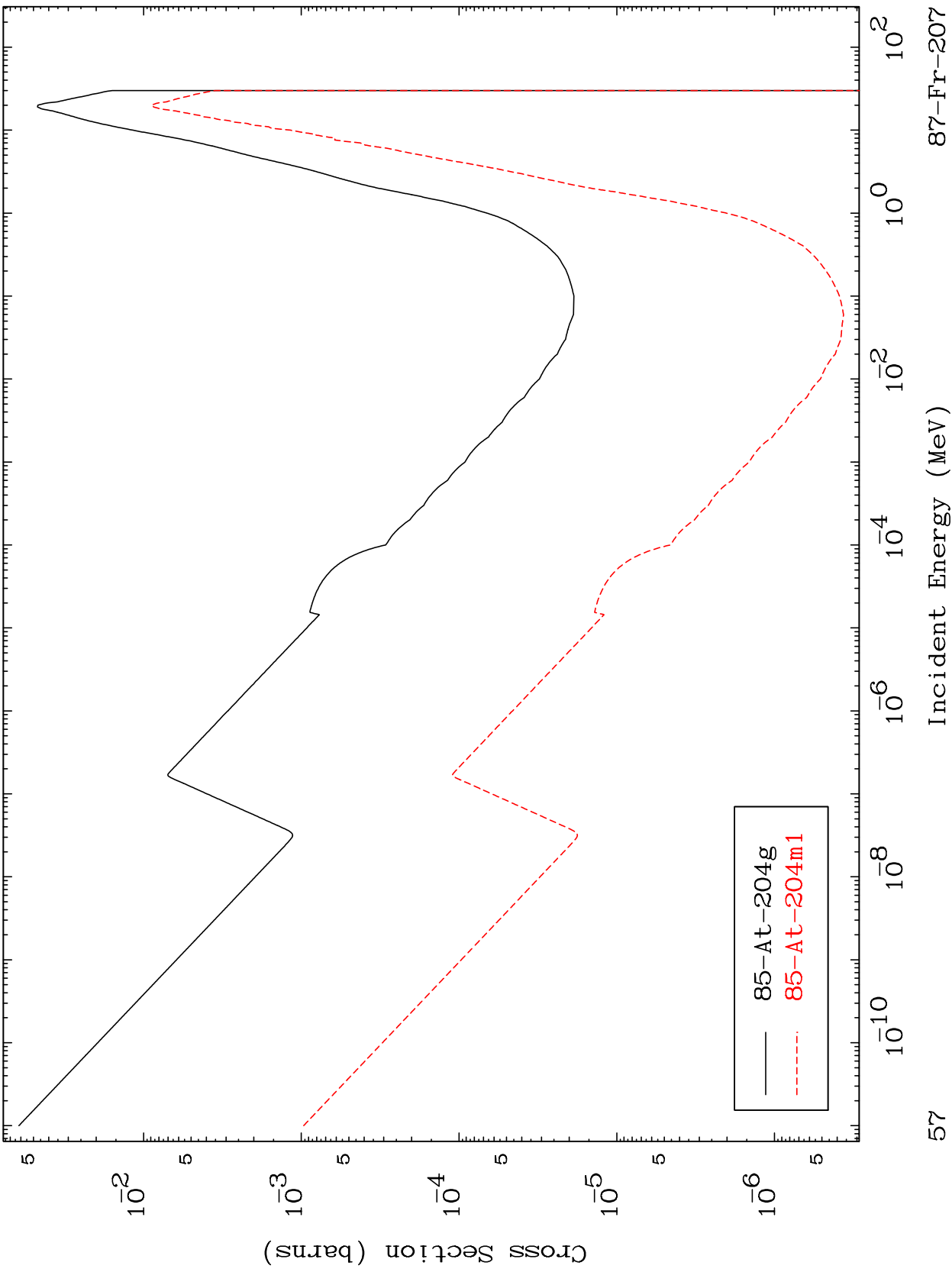
87-Fr-207

Incident Energy (MeV)

MAT 8710

87-Fr-207

Radionuclide Production Cross Section



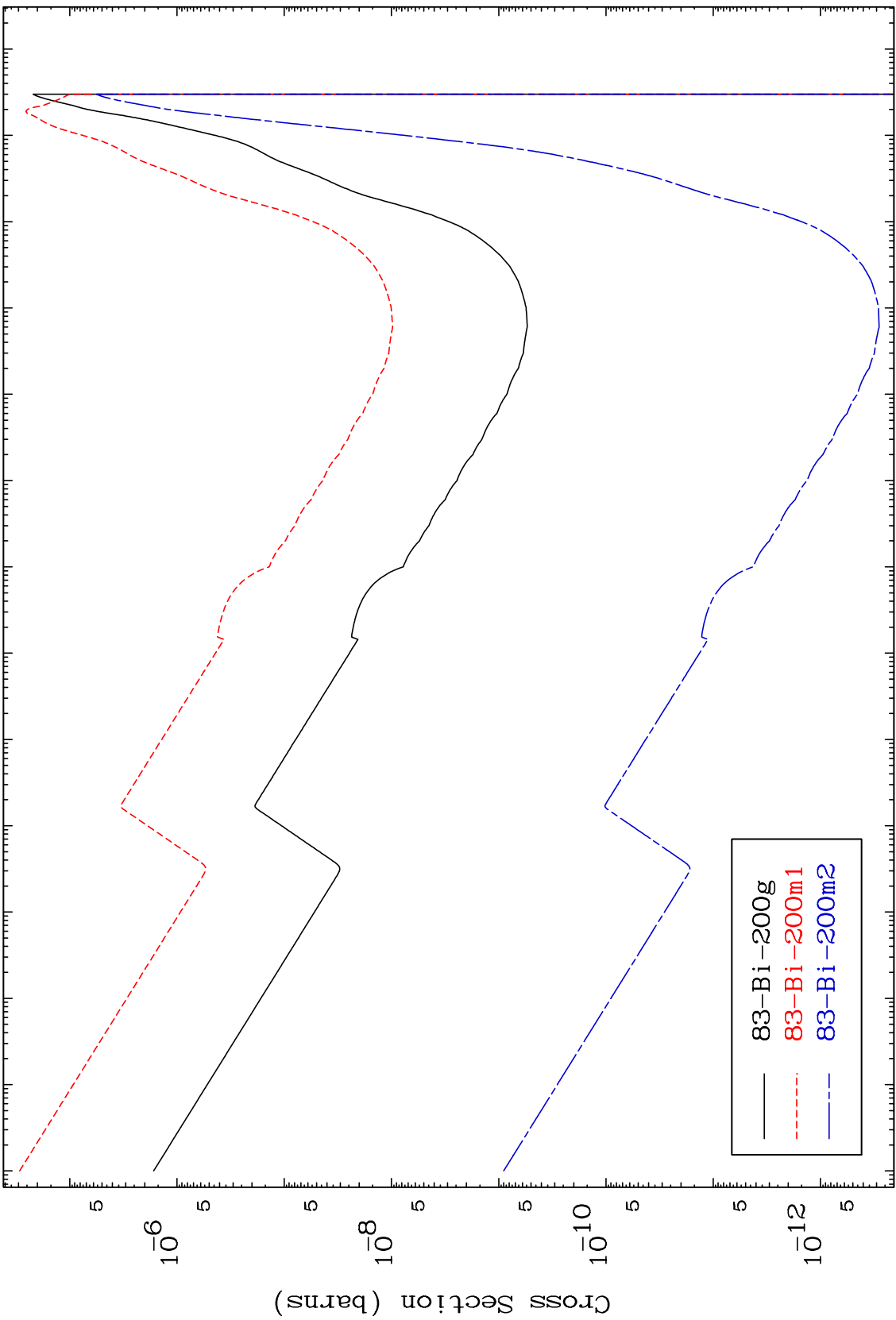
57

87-Fr-207

MAT 8710

87-Fr-207

Radionuclide Production Cross Section



87-Fr-207

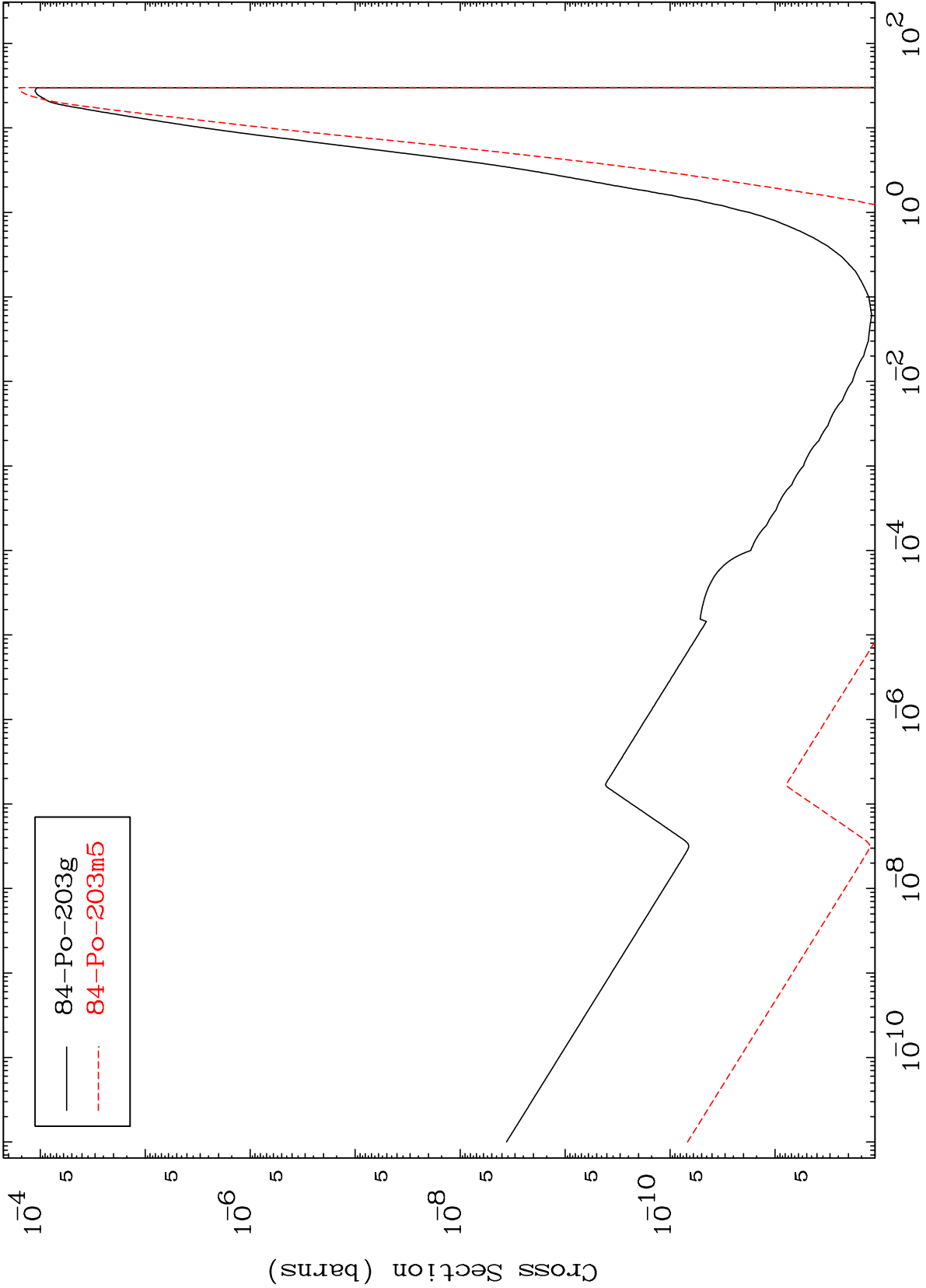
Incident Energy (MeV)

MAT 8710

(n,p)  $\alpha$

87-Fr-207

Radionuclide Production Cross Section



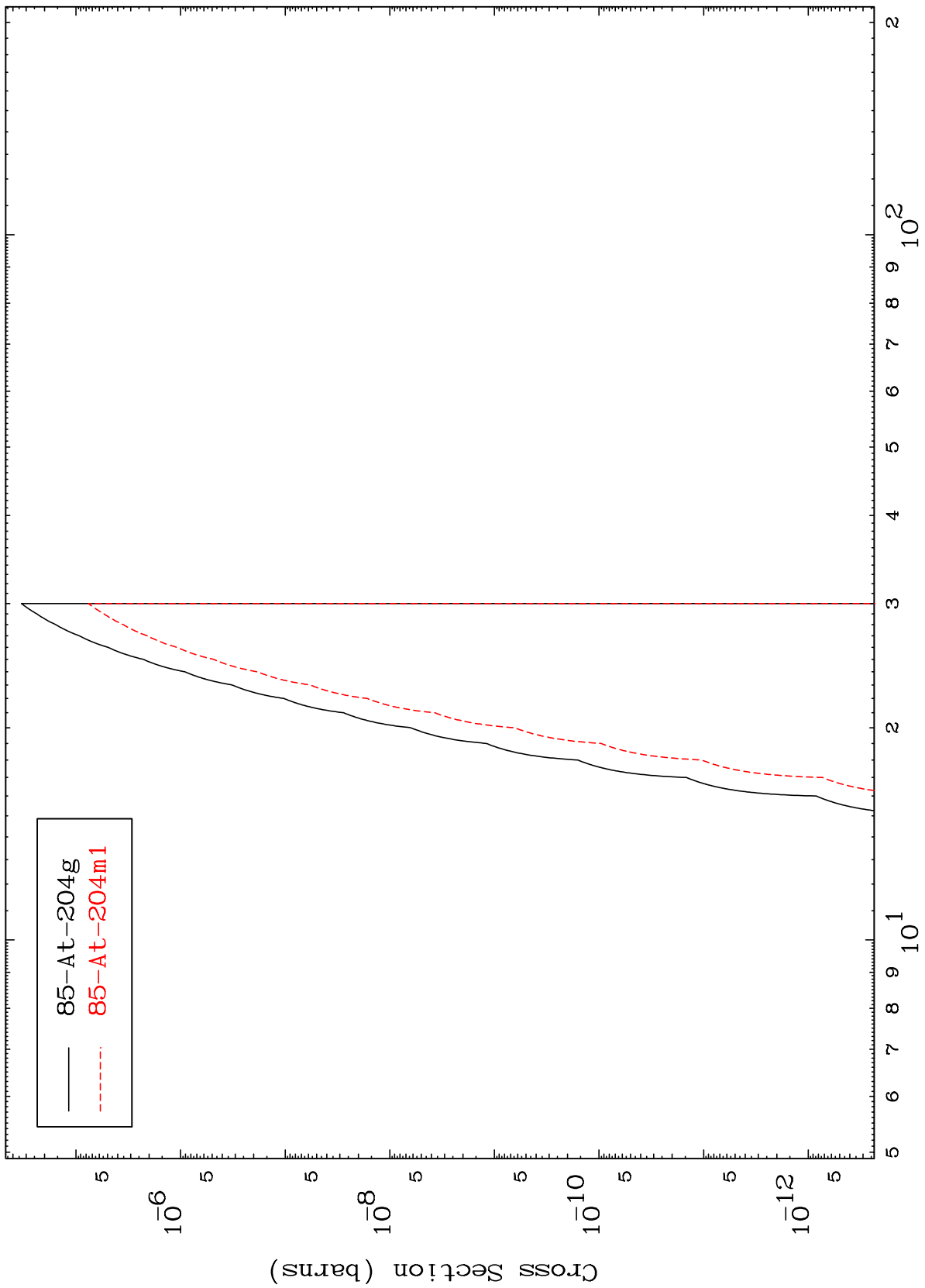
— 84-Po-203g  
- - - 84-Po-203m5

MAT 8710

(n,p) t

87-Fr-207

Radionuclide Production Cross Section



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

60

Incident Energy (MeV)

87-Fr-207