

Program EVALPLOT
(Version 2021-1)

by

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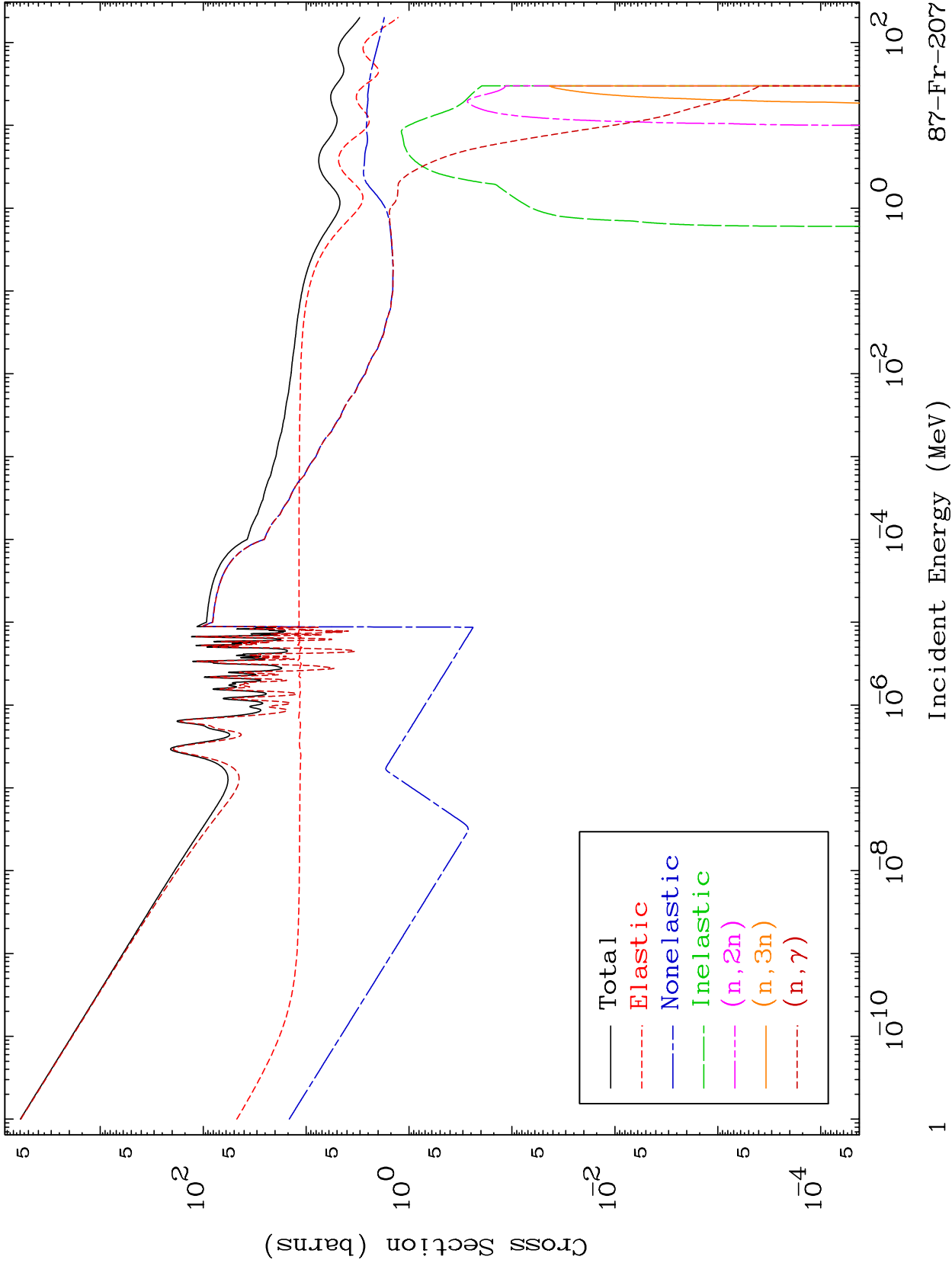
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Press Mouse Button to Start

MAT 8710

Neutron Major
293 Kelvin Cross Sections

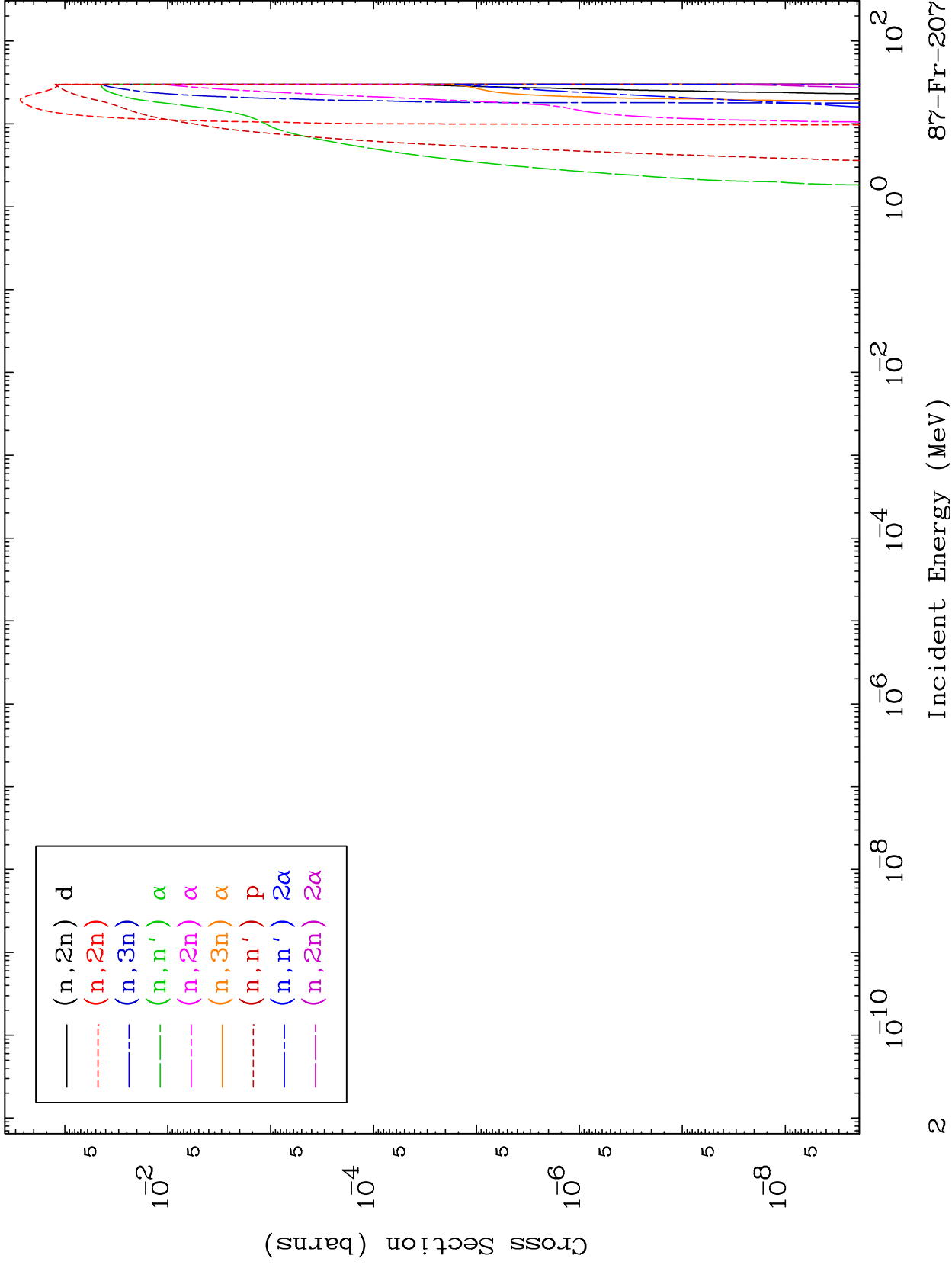
87-Fr-207



MAT 8710

Neutron Absorption
293 Kelvin Cross Sections

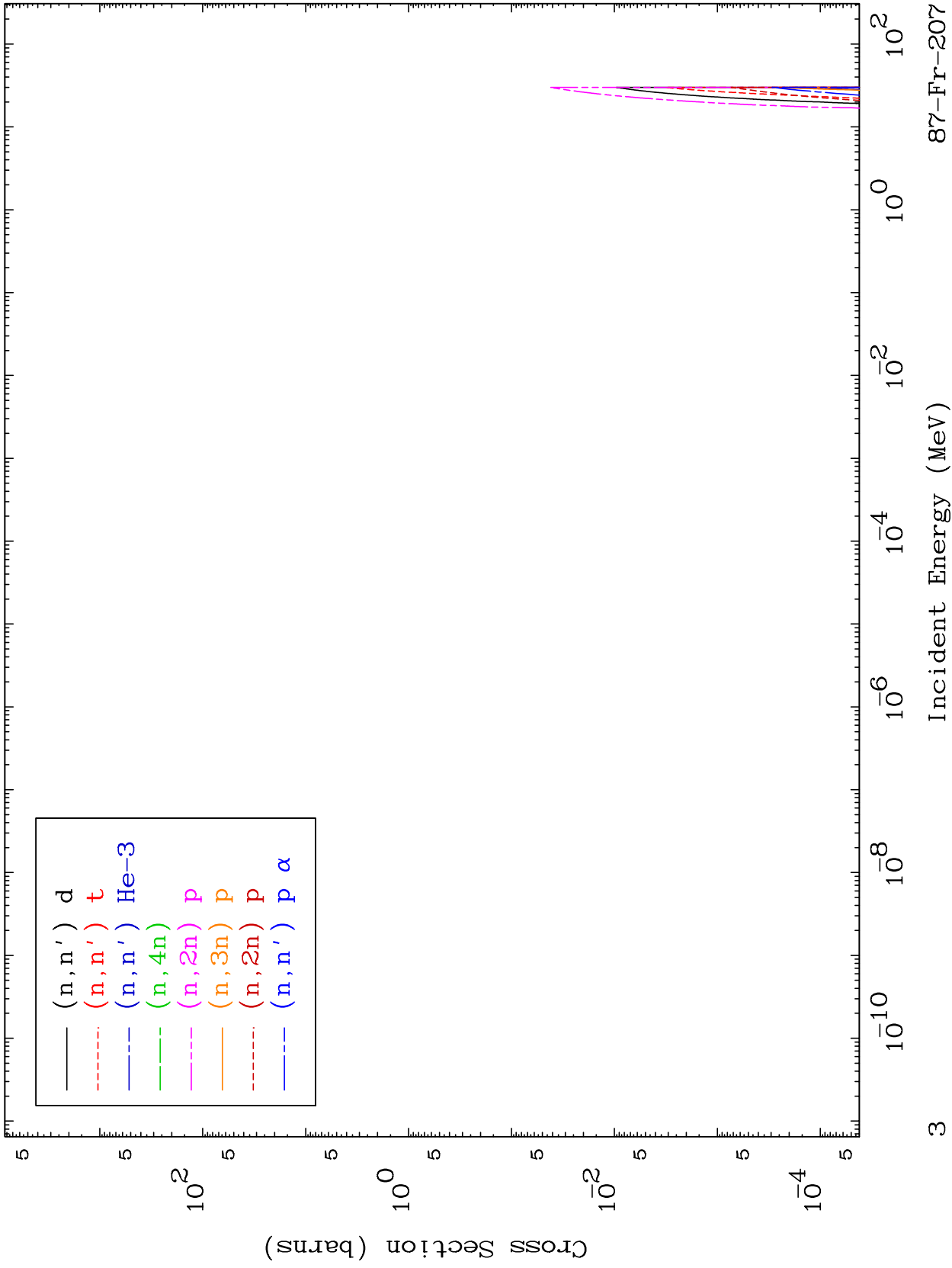
87-Fr-207



MAT 8710

Neutron Absorption
293 Kelvin Cross Sections

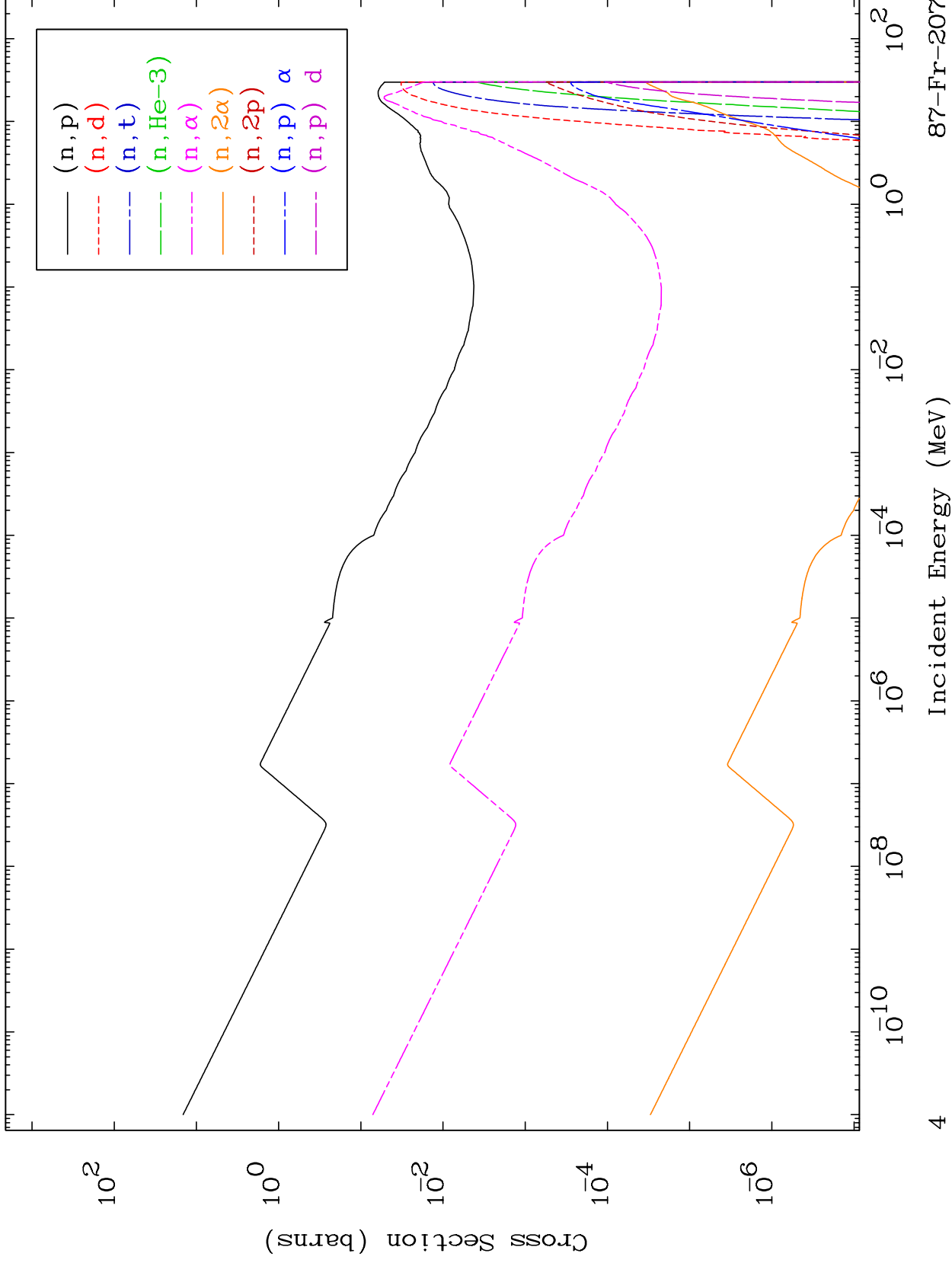
87-Fr-207



MAT 8710

Neutron Absorption
293 Kelvin Cross Sections

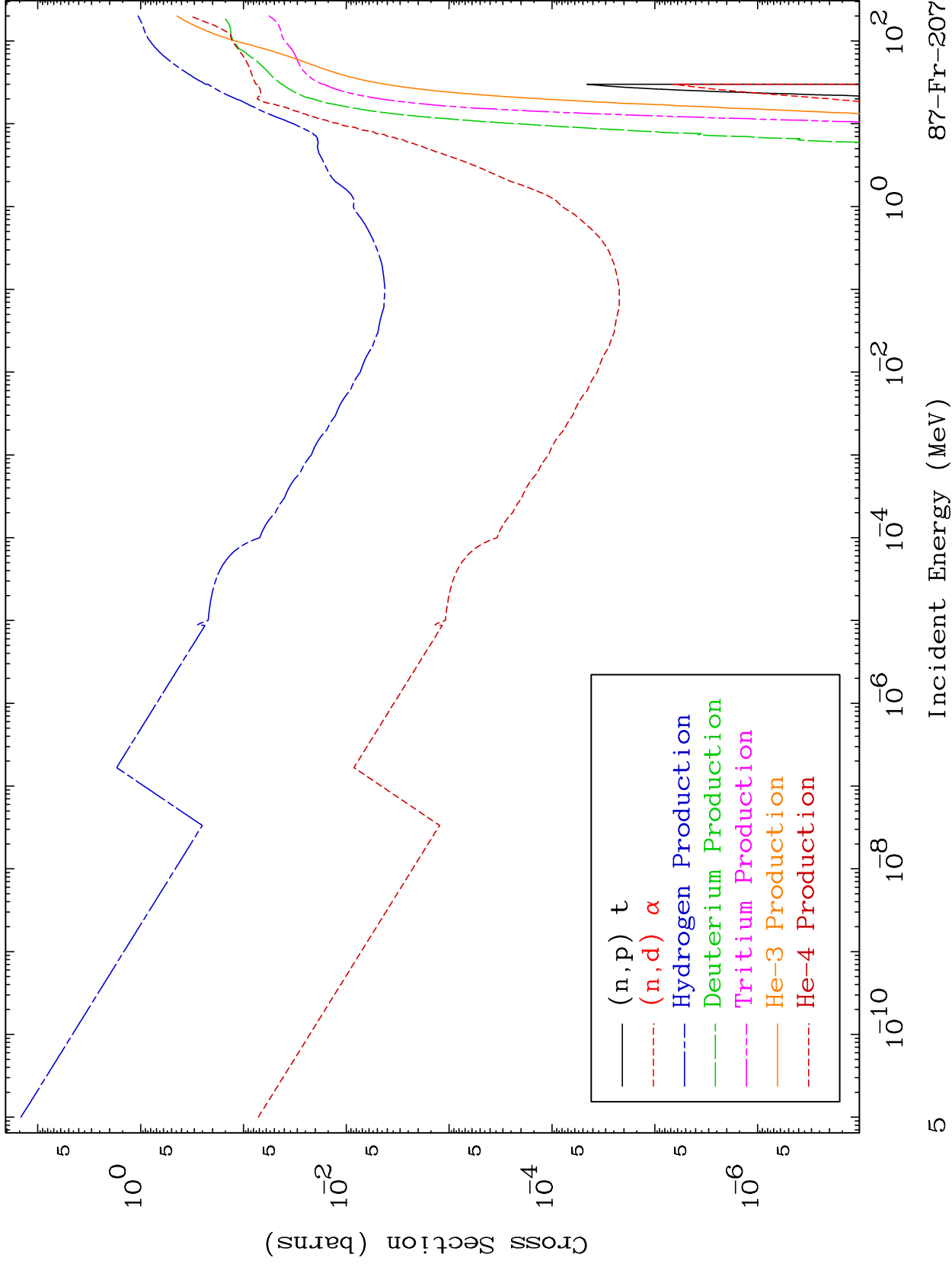
87-Fr-207



MAT 8710

Neutron Absorption
293 Kelvin Cross Sections

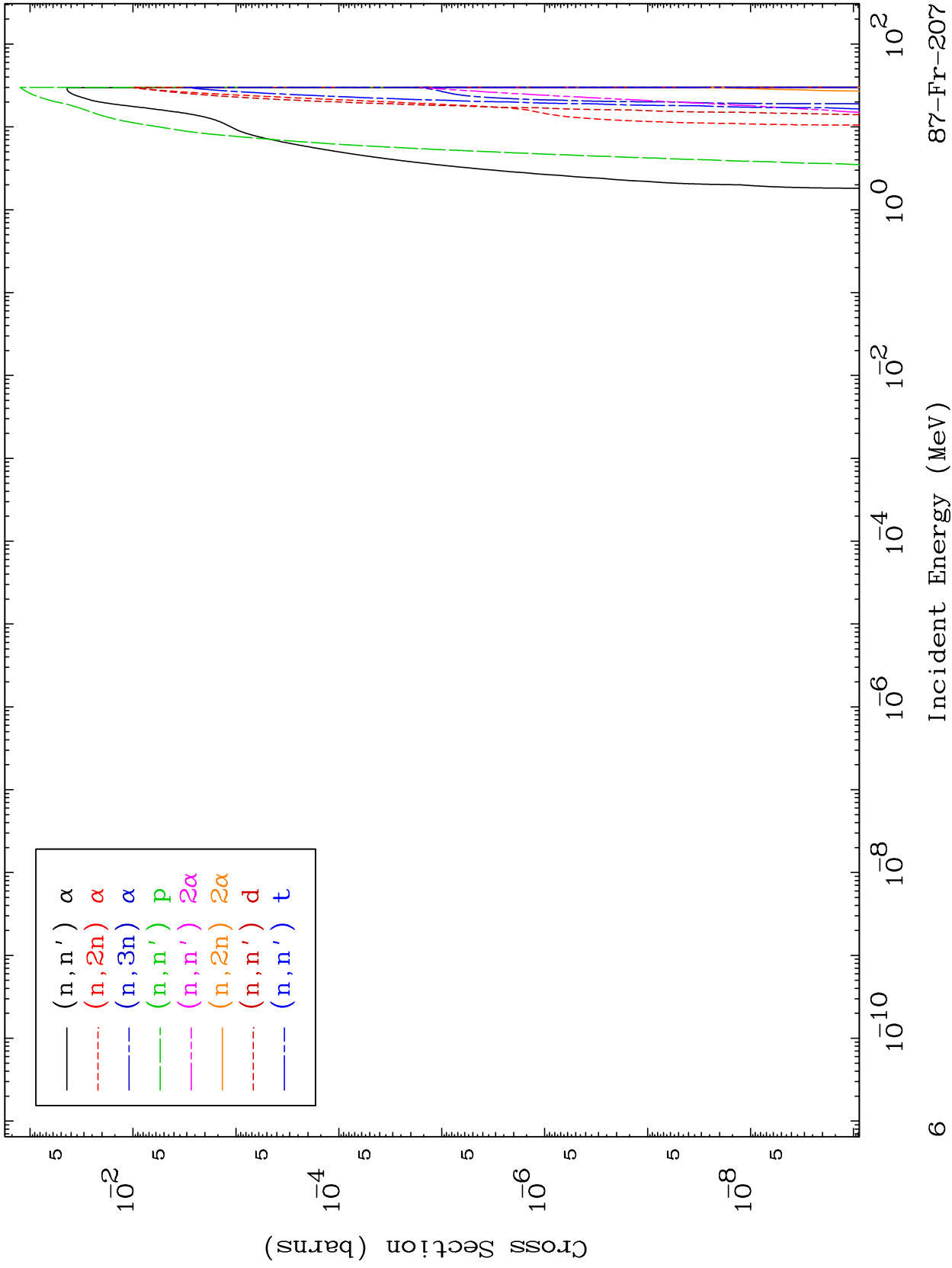
87-Fr-207



MAT 8710

Charged Particle
293 Kelvin Cross Sections

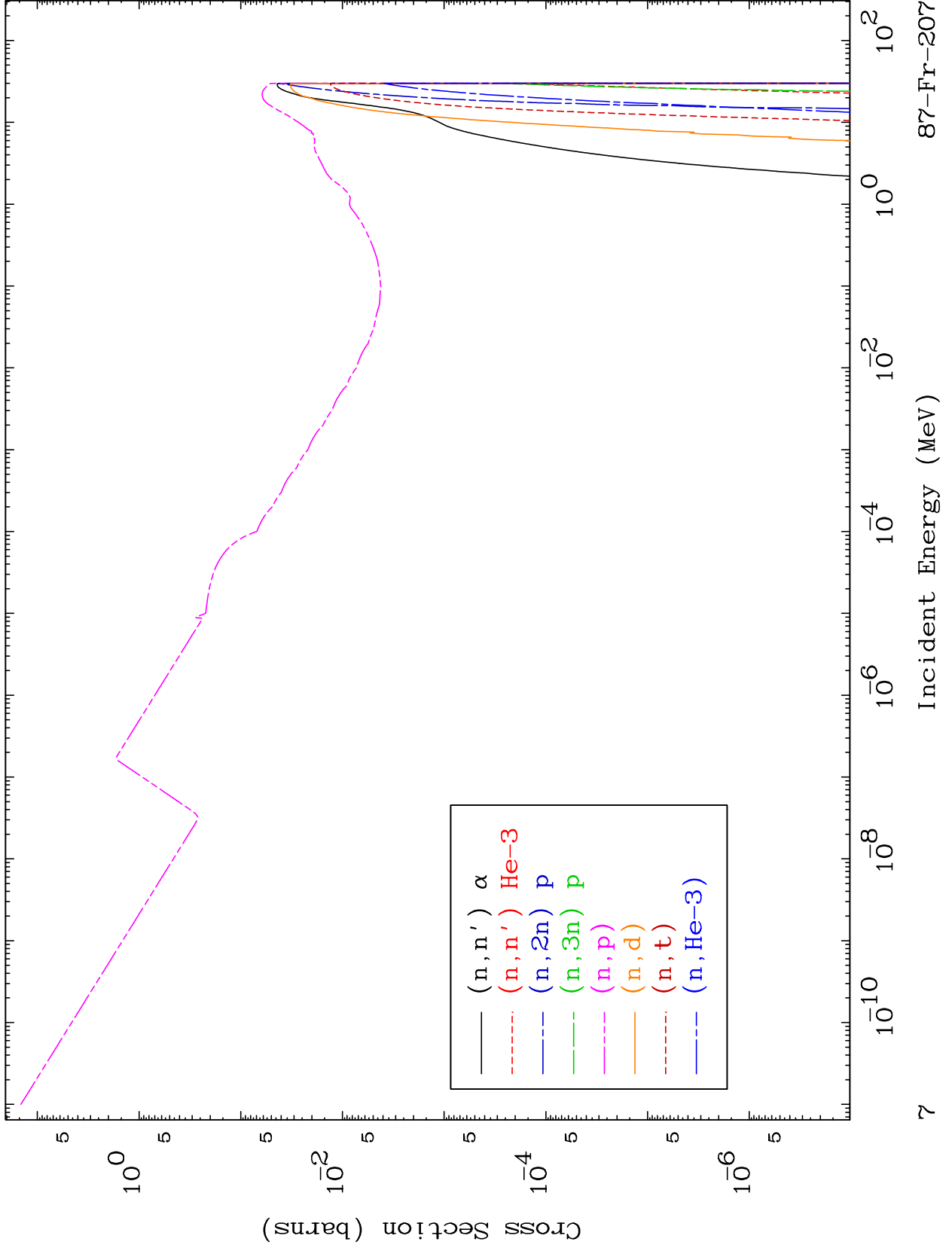
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MAT 8710

Charged Particle
293 Kelvin Cross Sections

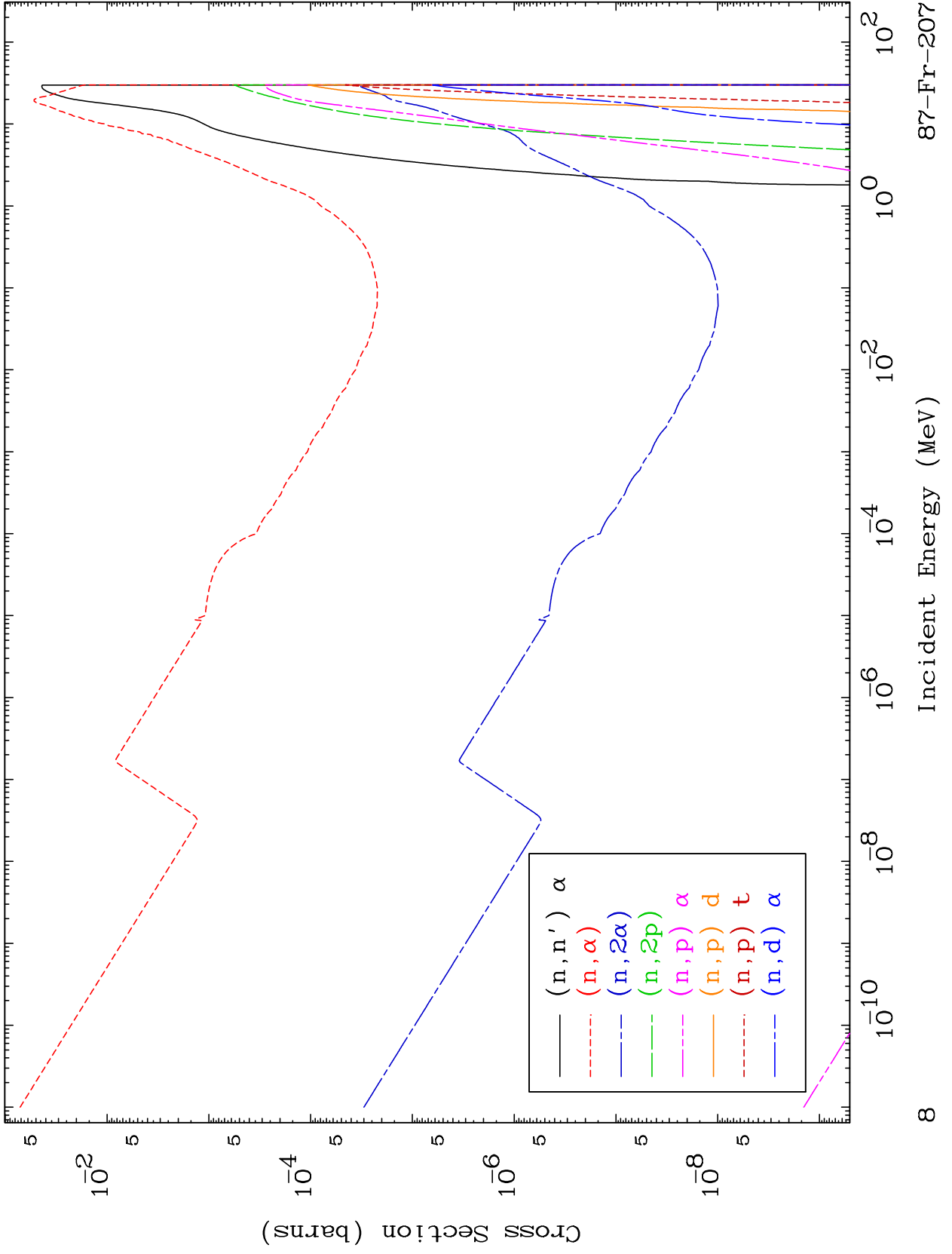
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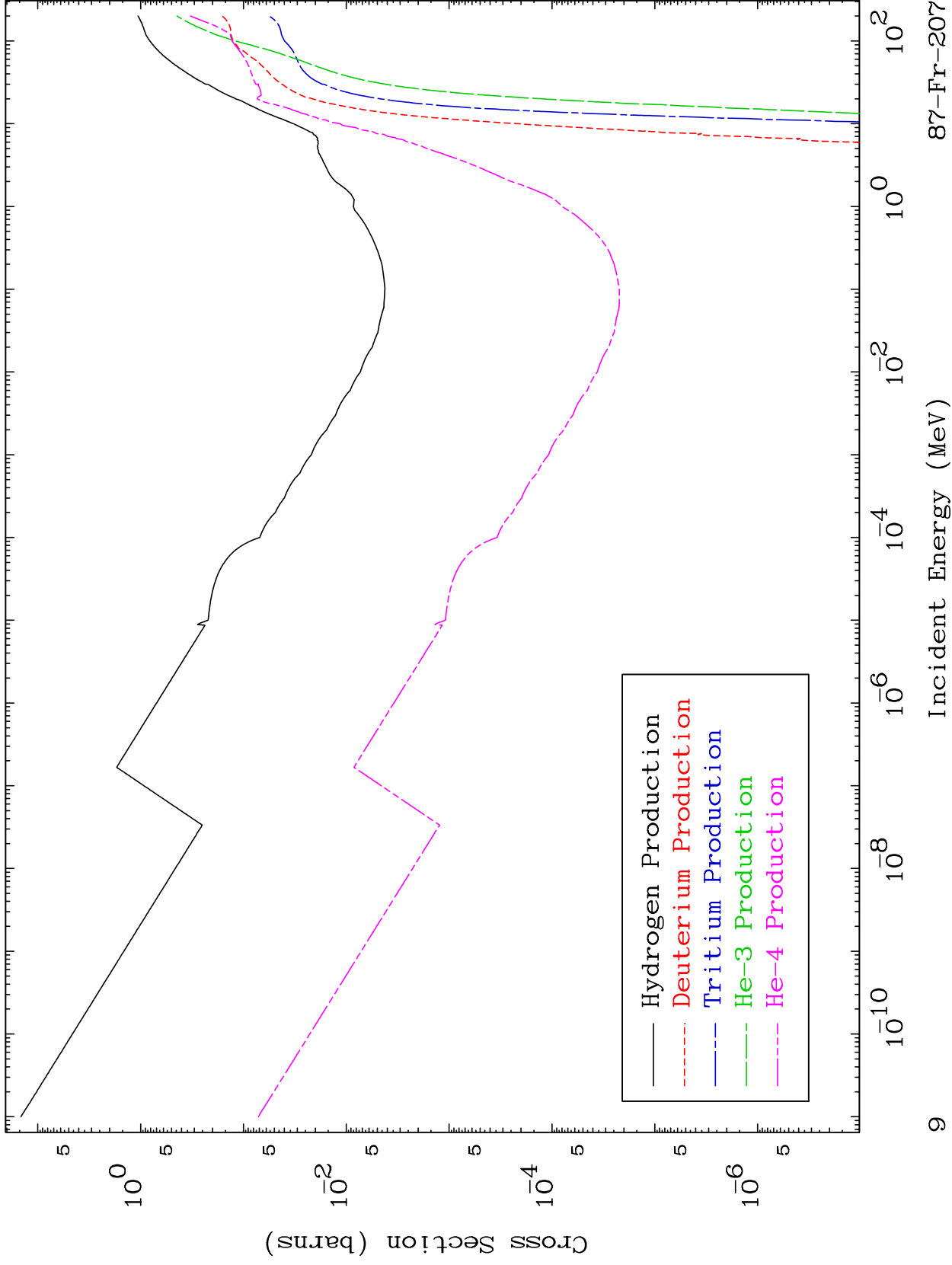


MAT 8710

Charged Particle
293 Kelvin Cross Sections

87-Fr-207



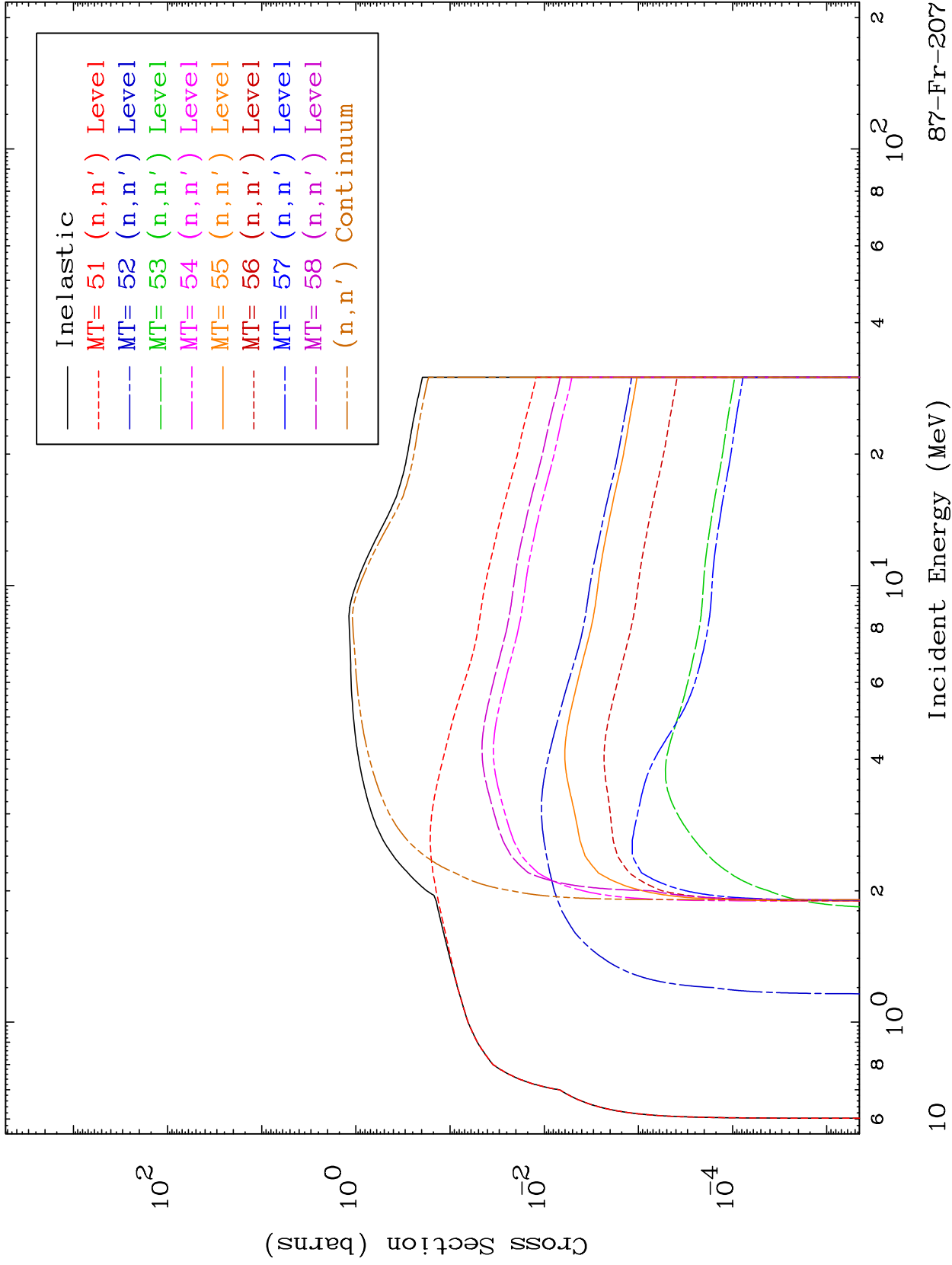


MAT 8710

(n,n') Levels

87-Fr-207

293 Kelvin Cross Sections



10

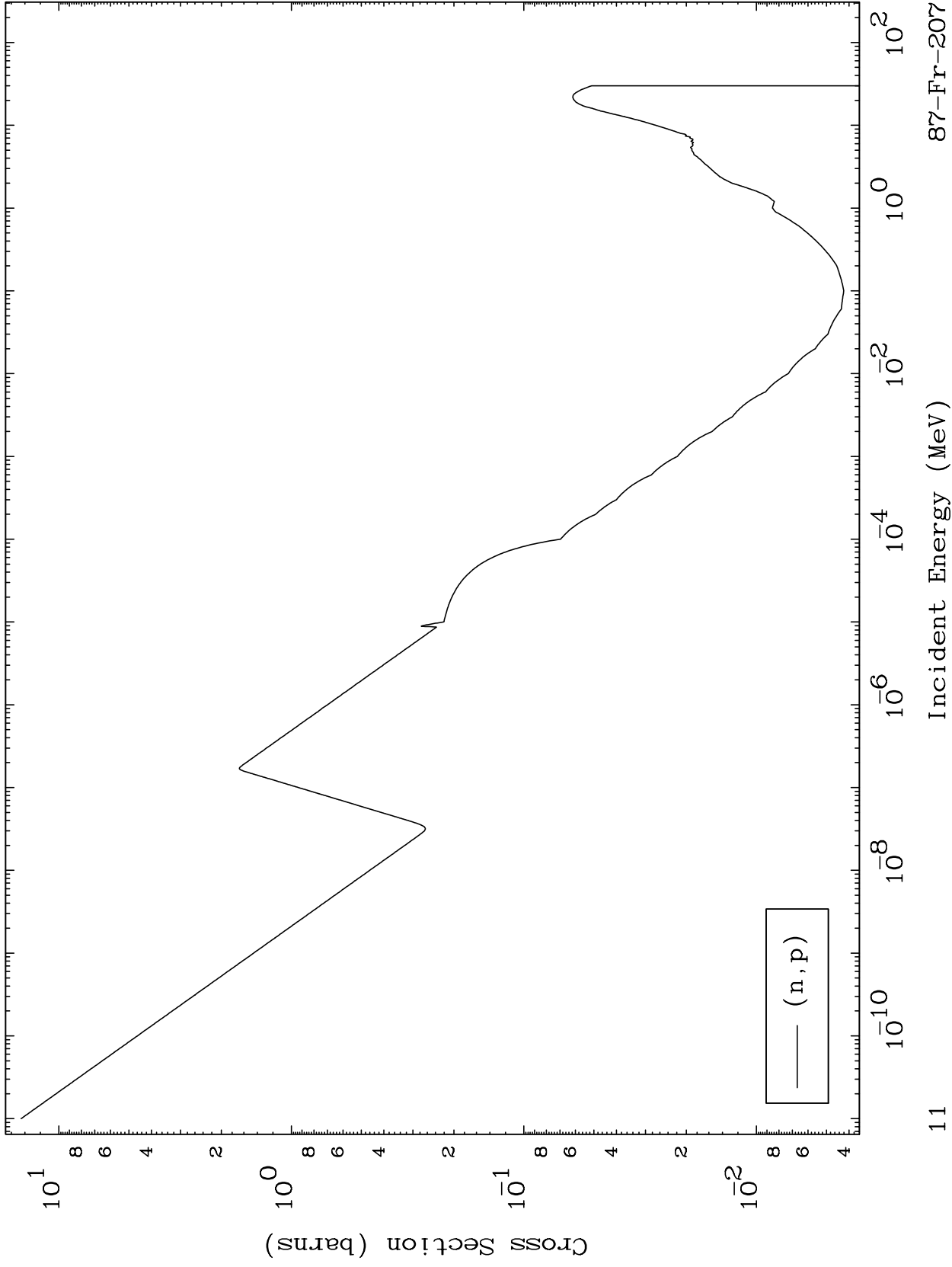
Incident Energy (MeV)

87-Fr-207

MAT 8710

(n,p) Levels
293 Kelvin Cross Sections

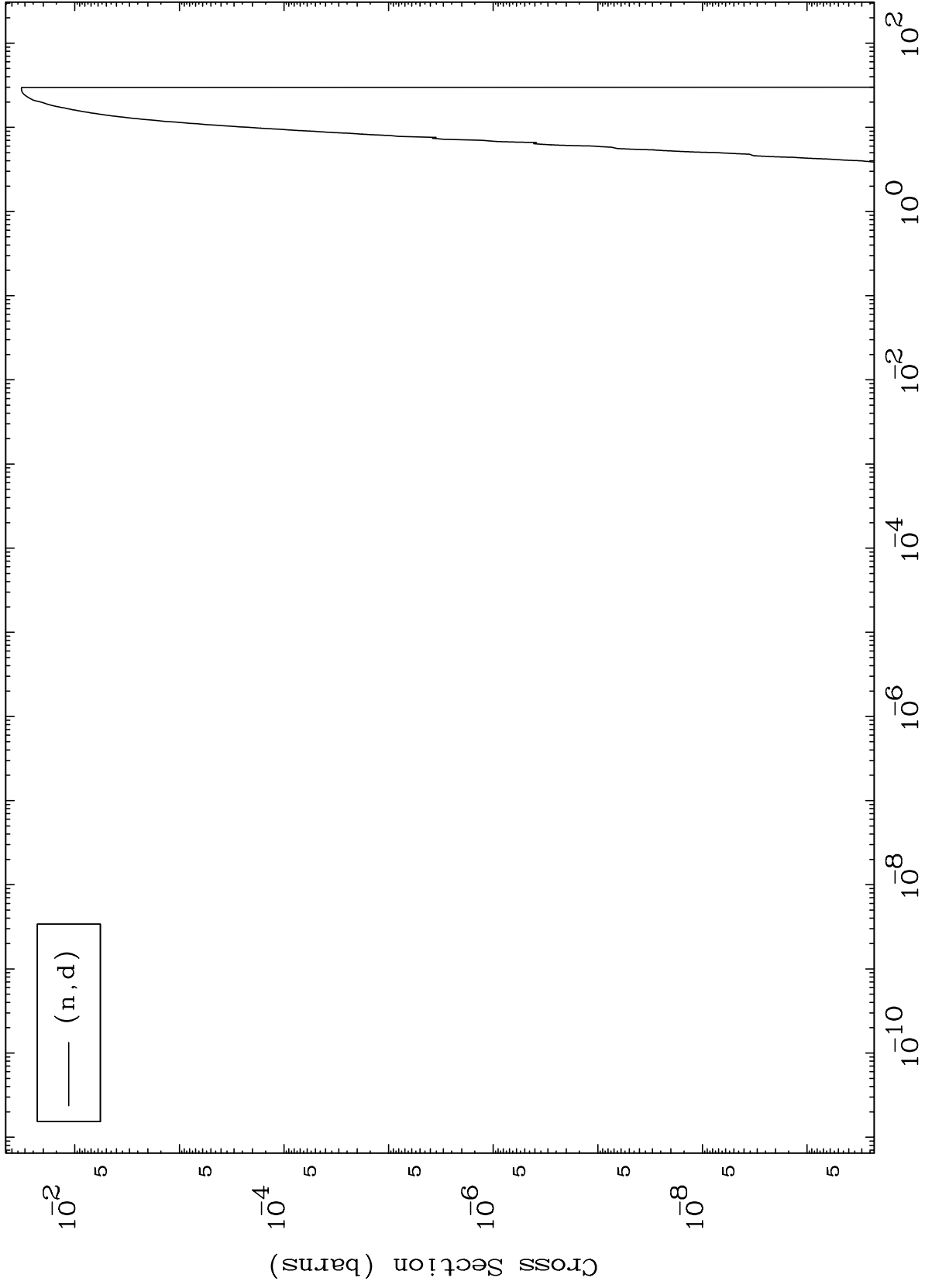
87-Fr-207



MAT 8710

(n,d) Levels
293 Kelvin Cross Sections

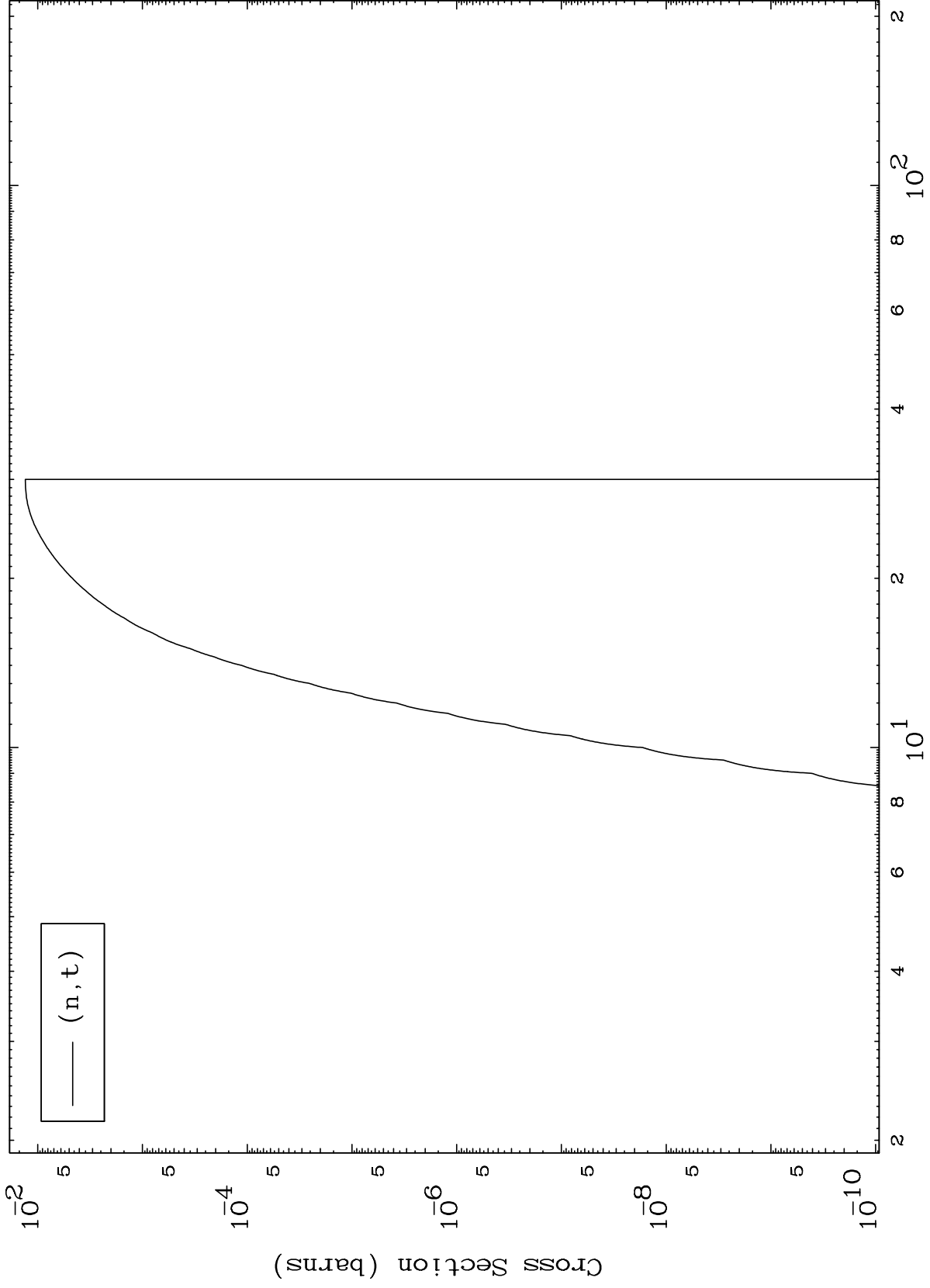
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MAT 8710

(n,t) Levels
293 Kelvin Cross Sections

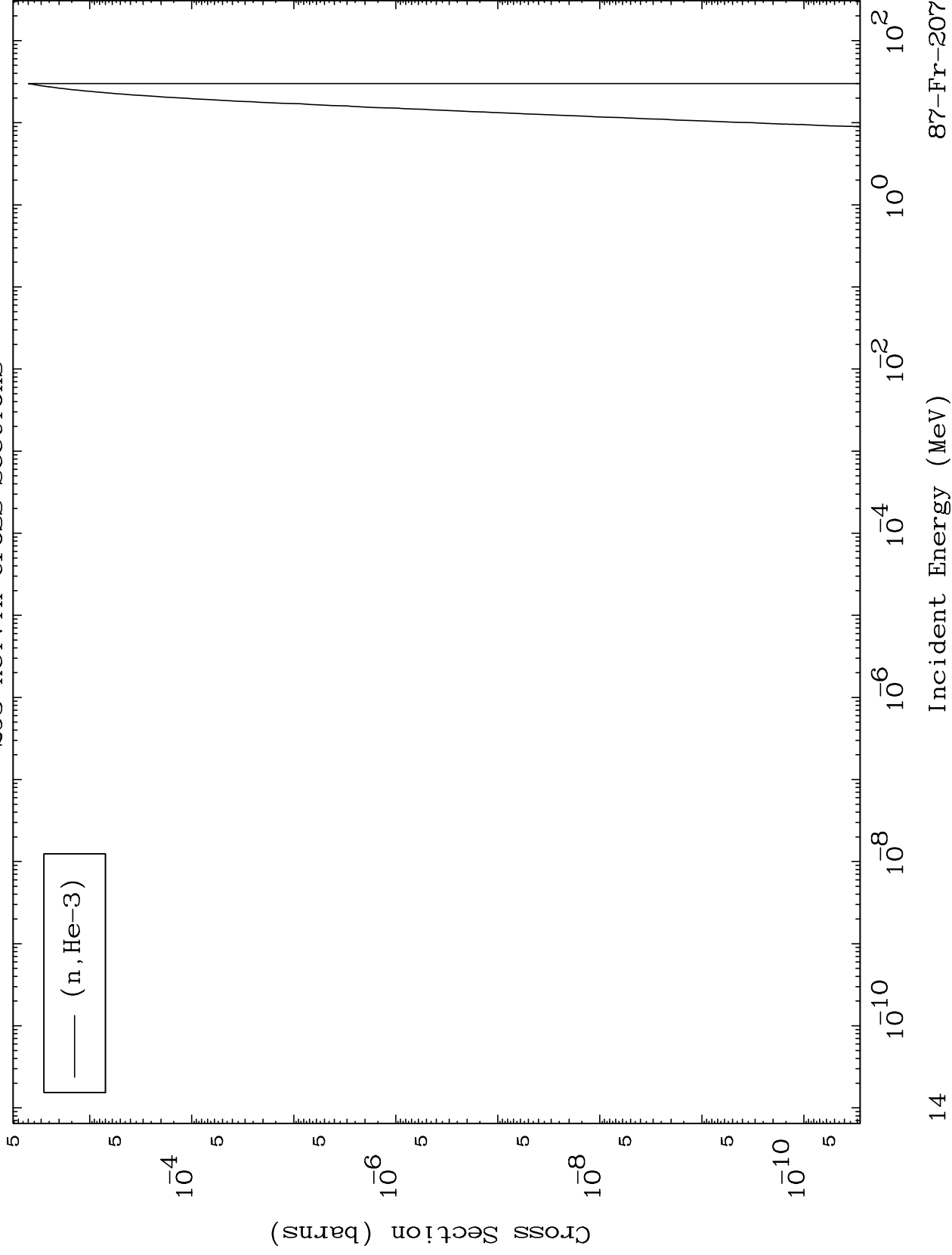
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MAT 8710

(n,He3) Levels
293 Kelvin Cross Sections

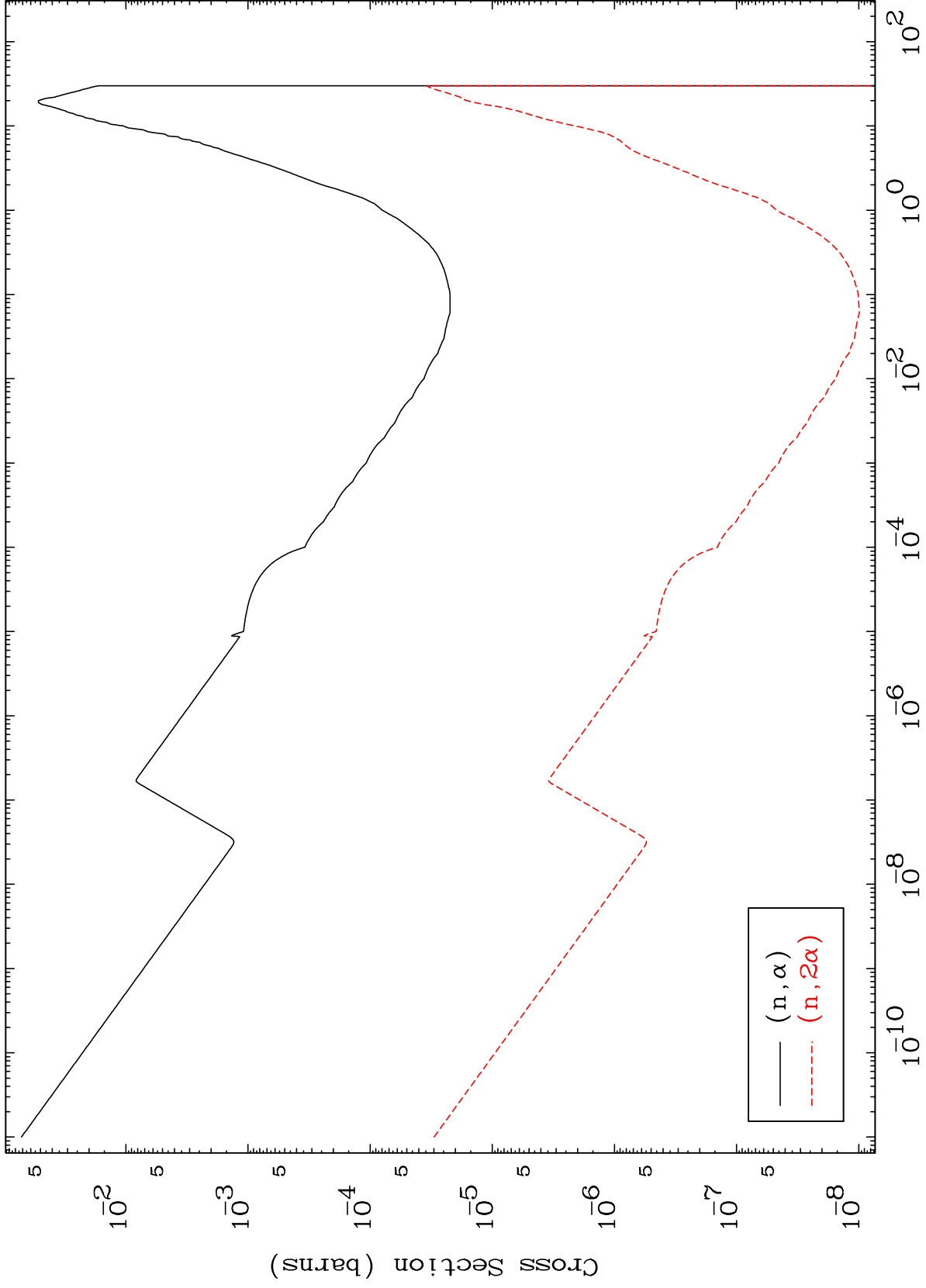
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MAT 8710

(n,α) Levels
293 Kelvin Cross Sections

87-Fr-207



15

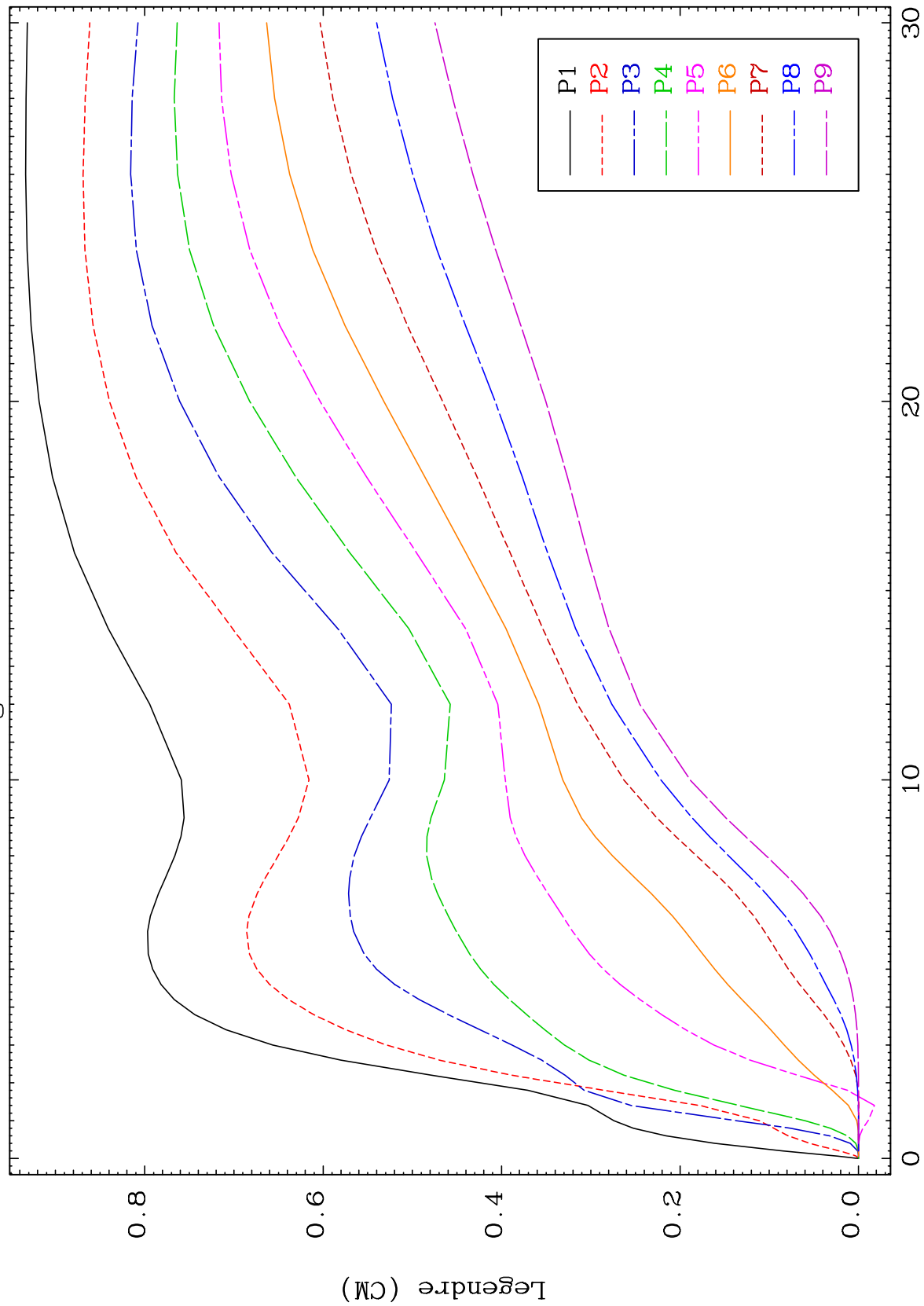
Incident Energy (MeV)

87-Fr-207

MAT 8710

Elastic Legendre Coefficients

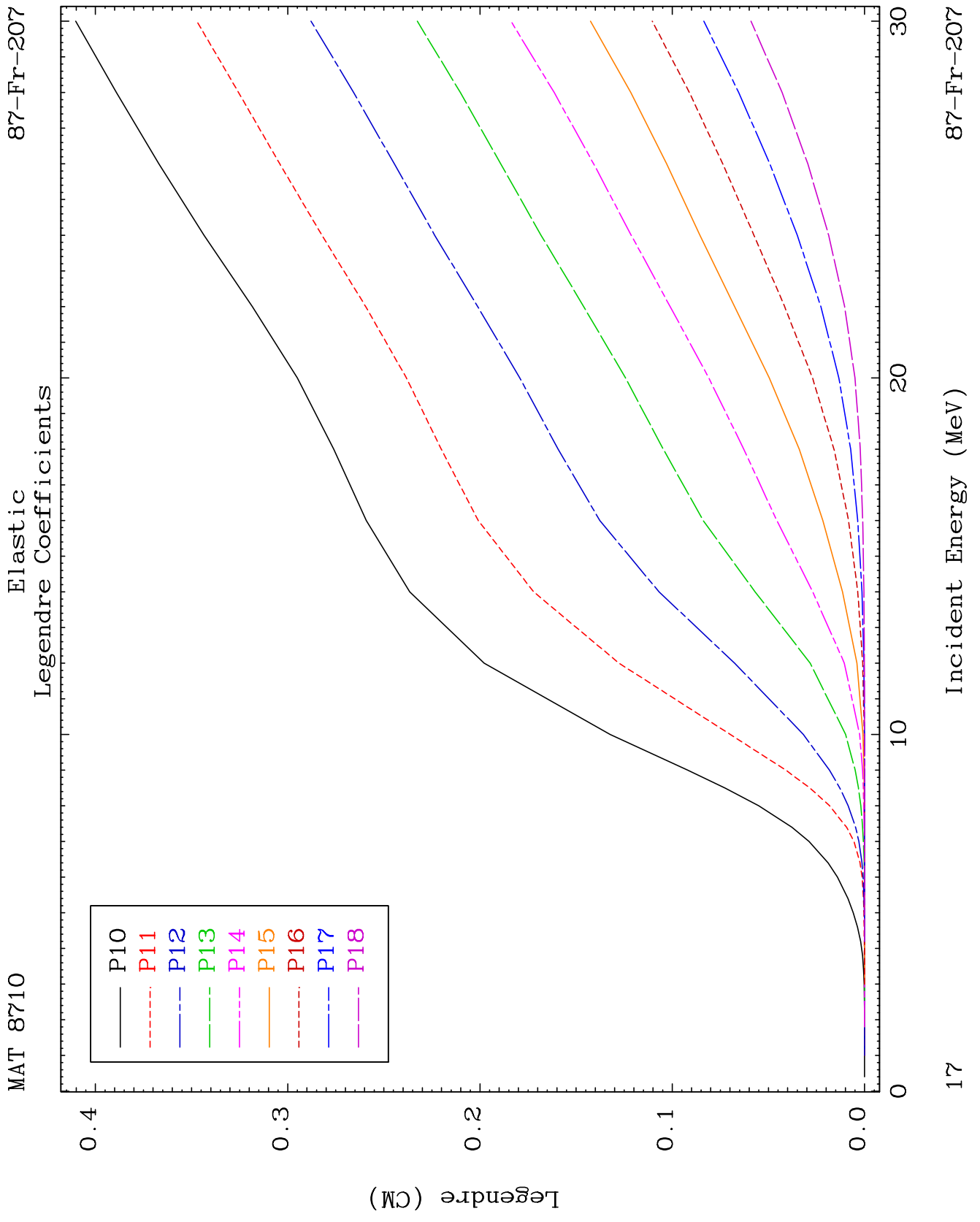
87-Fr-207



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Incident Energy (MeV)

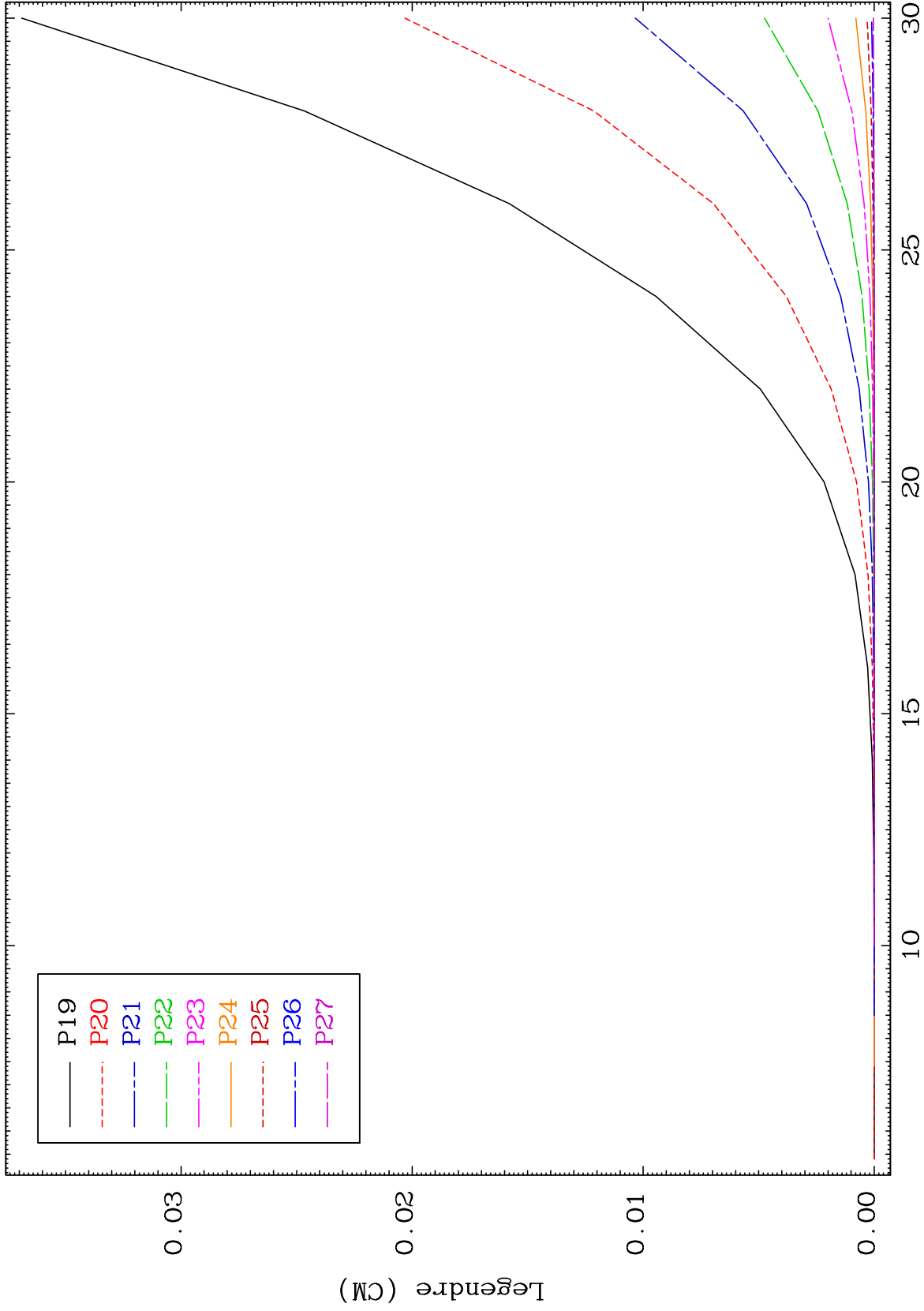
87-Fr-207



MAT 8710

Elastic
Legendre Coefficients

87-Fr-207



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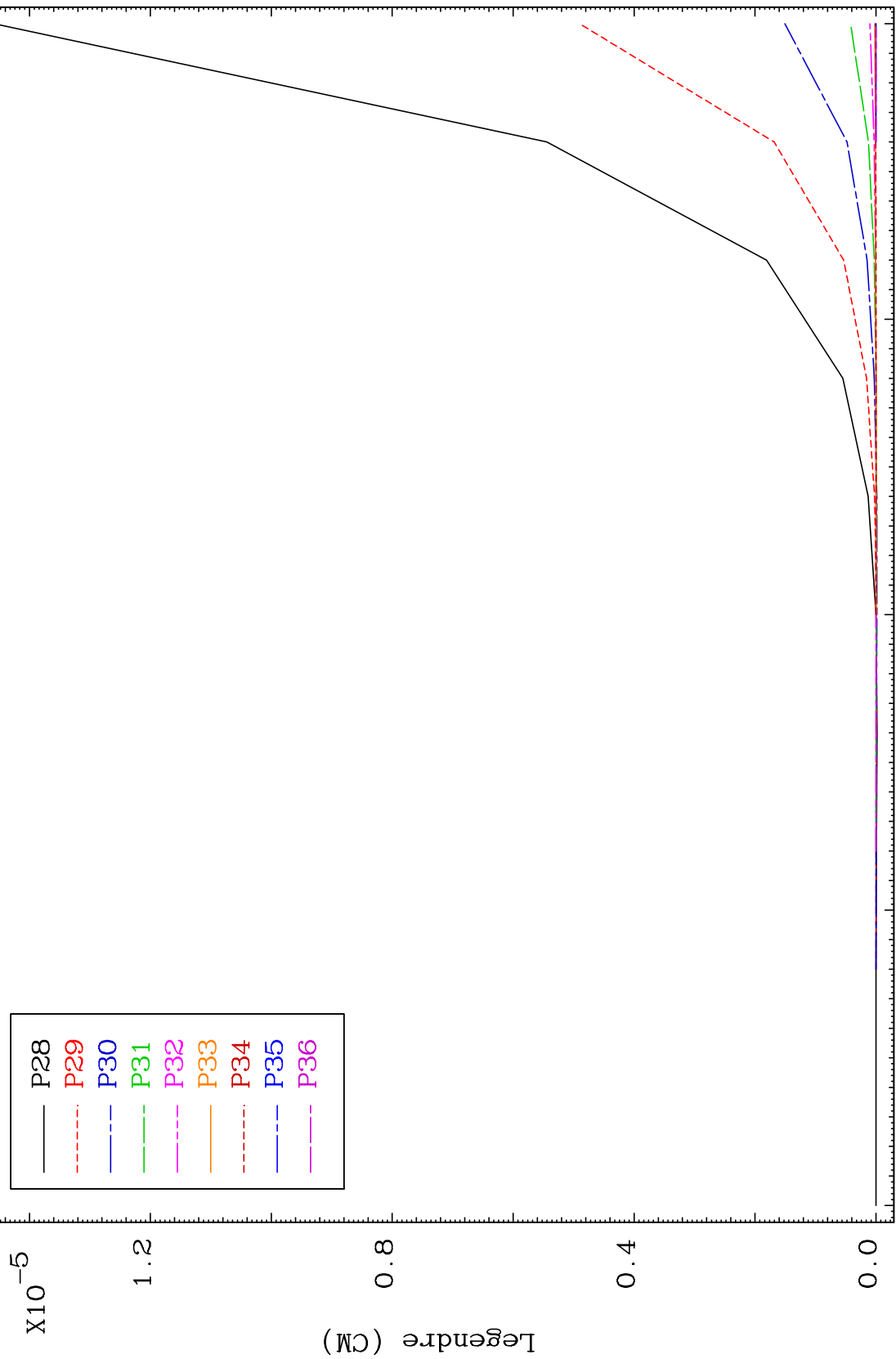
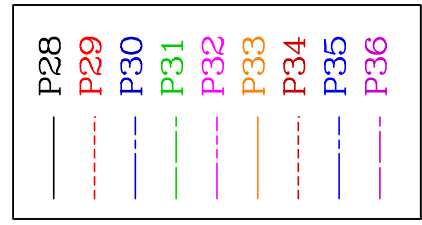
Incident Energy (MeV)

87-Fr-207

MAT 8710

Elastic
Legendre Coefficients

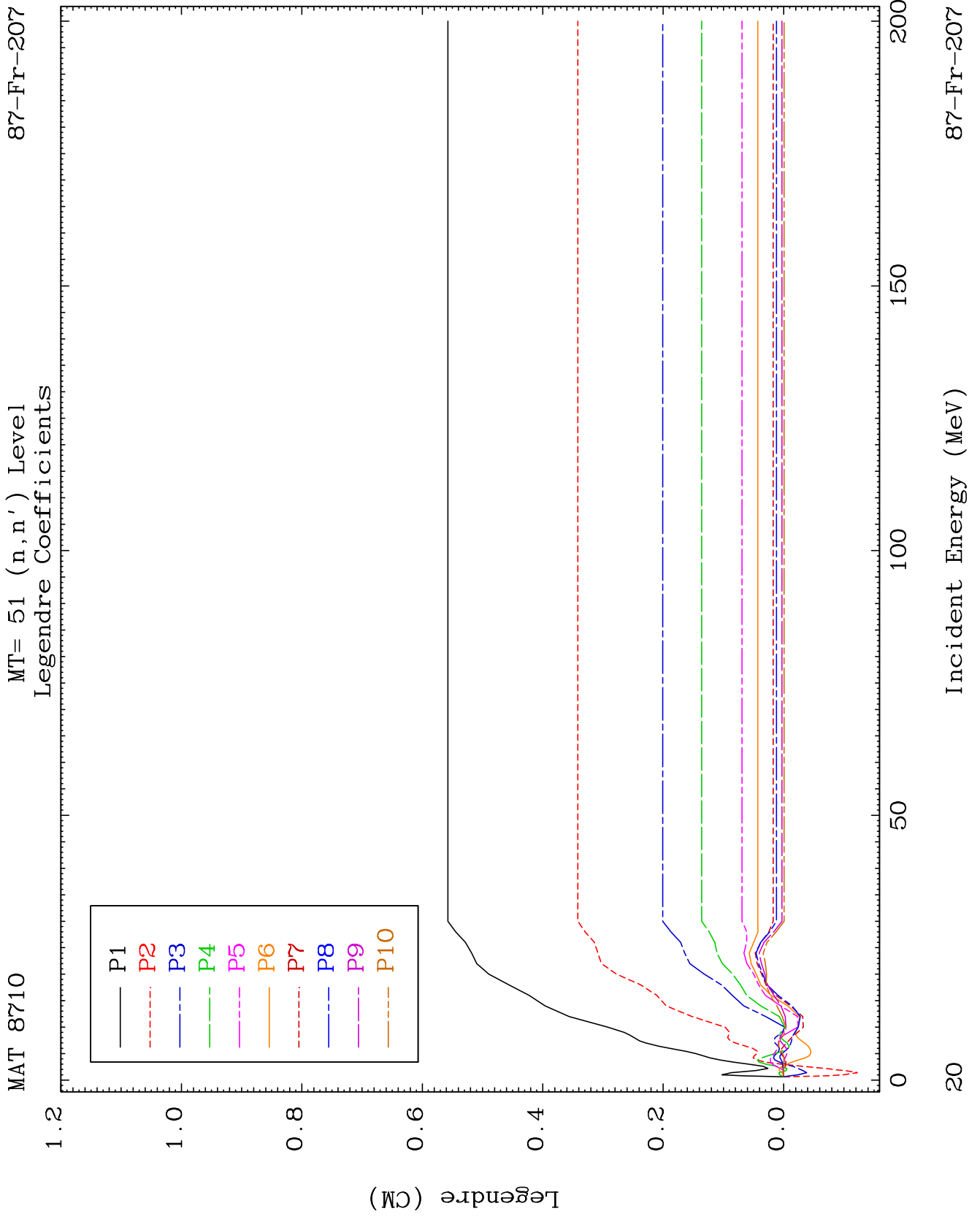
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Incident Energy (MeV)

87-Fr-207

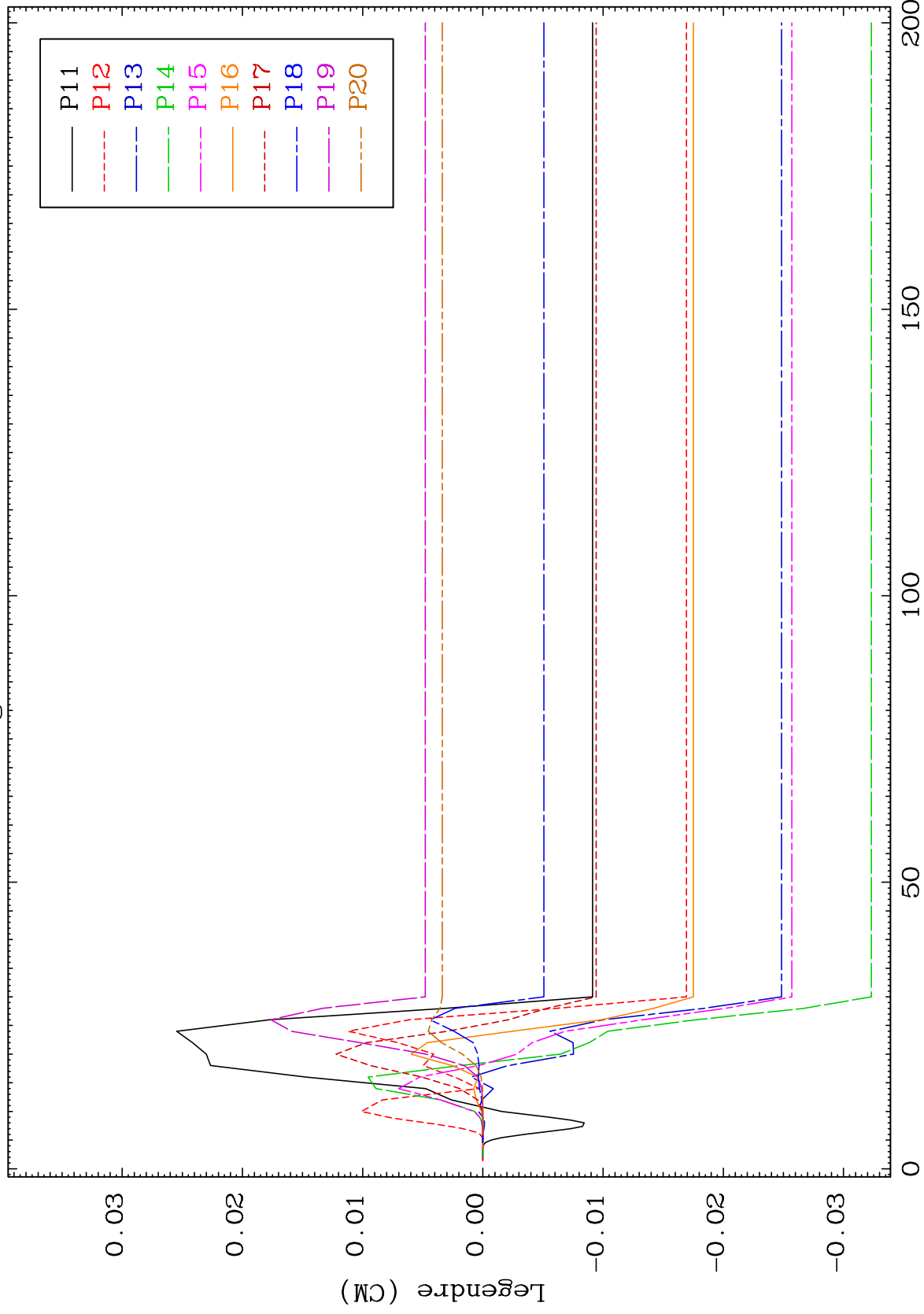
19



MAT 8710

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

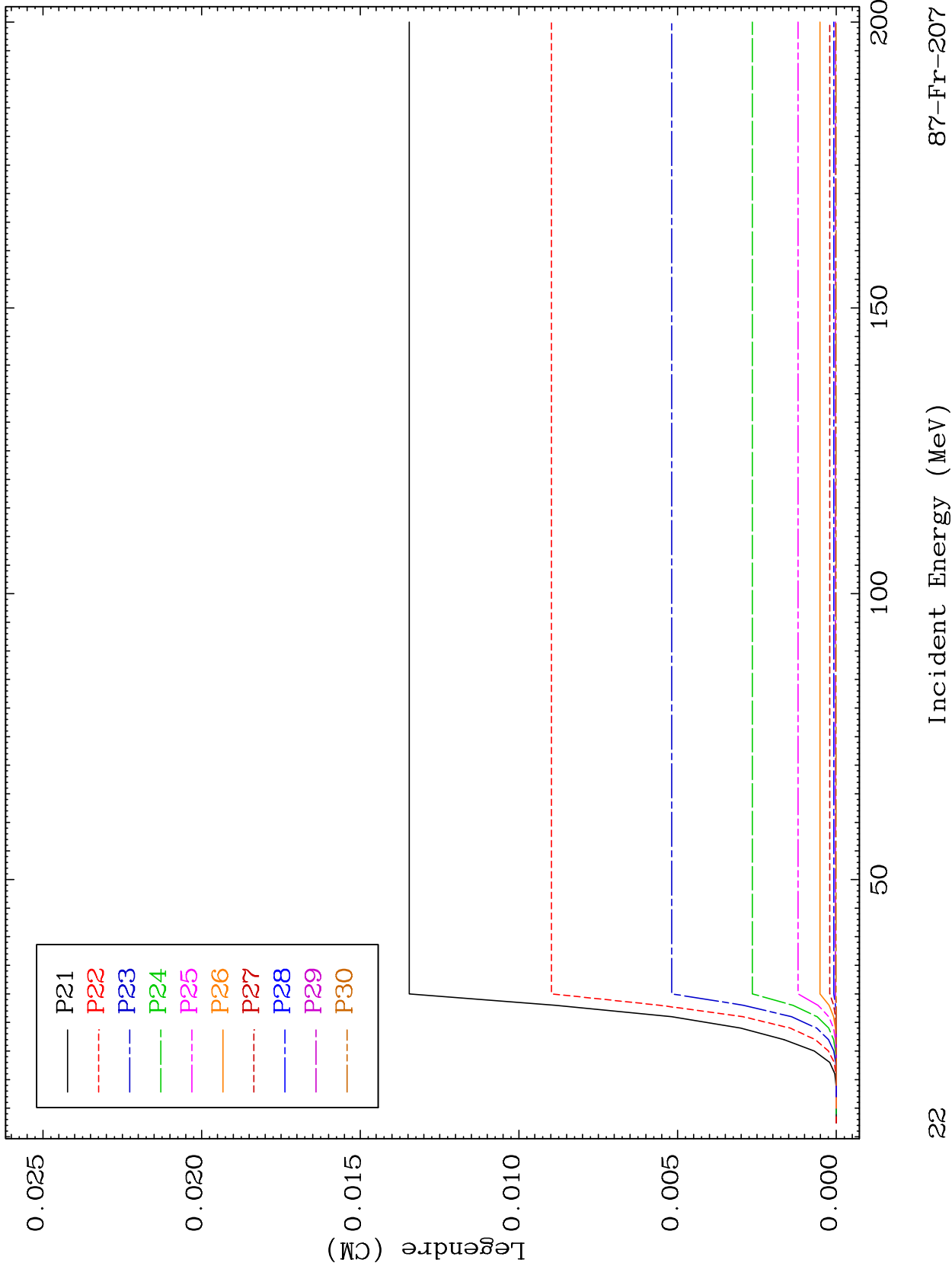
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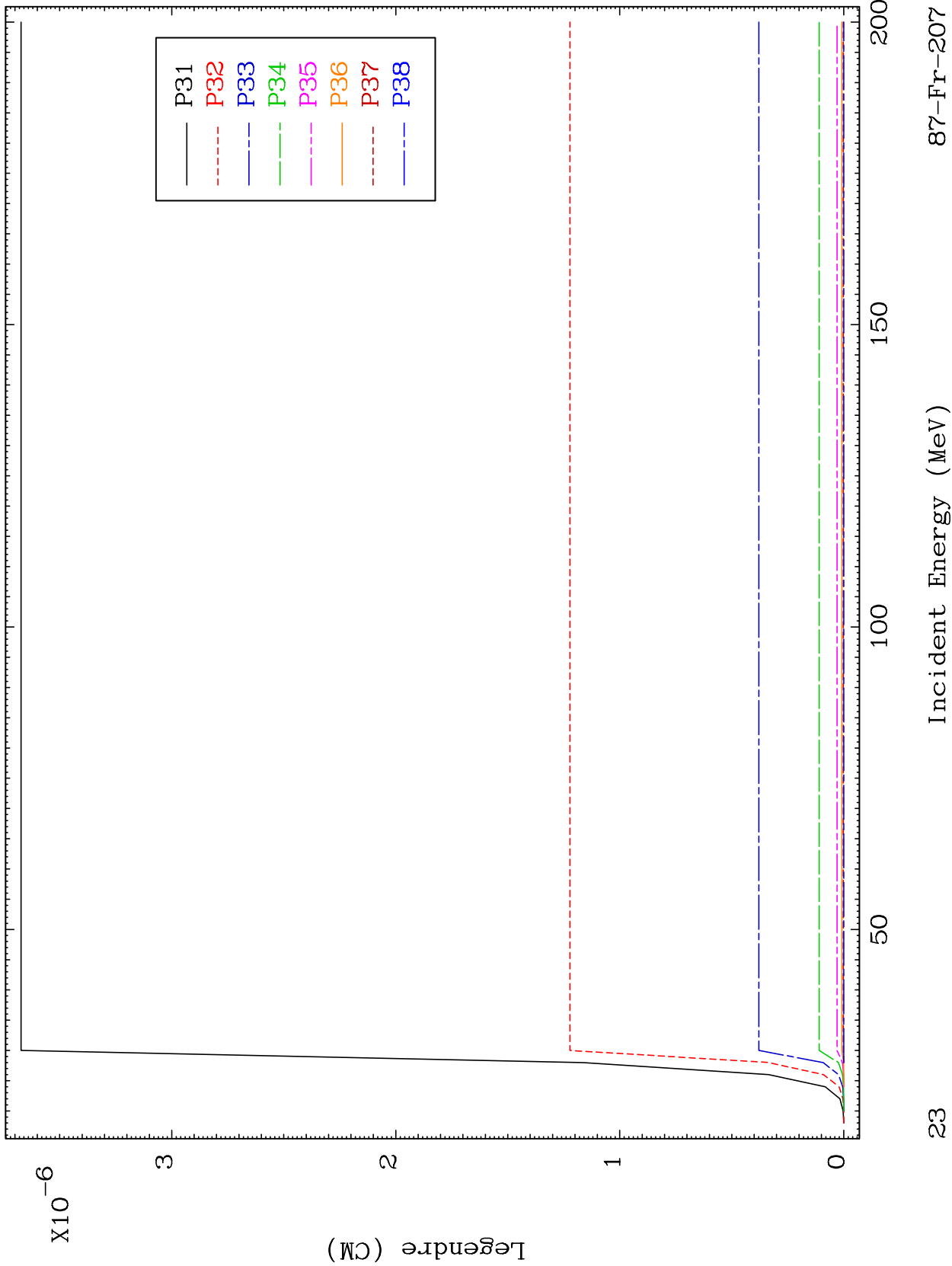


21

Incident Energy (MeV)

87-Fr-207

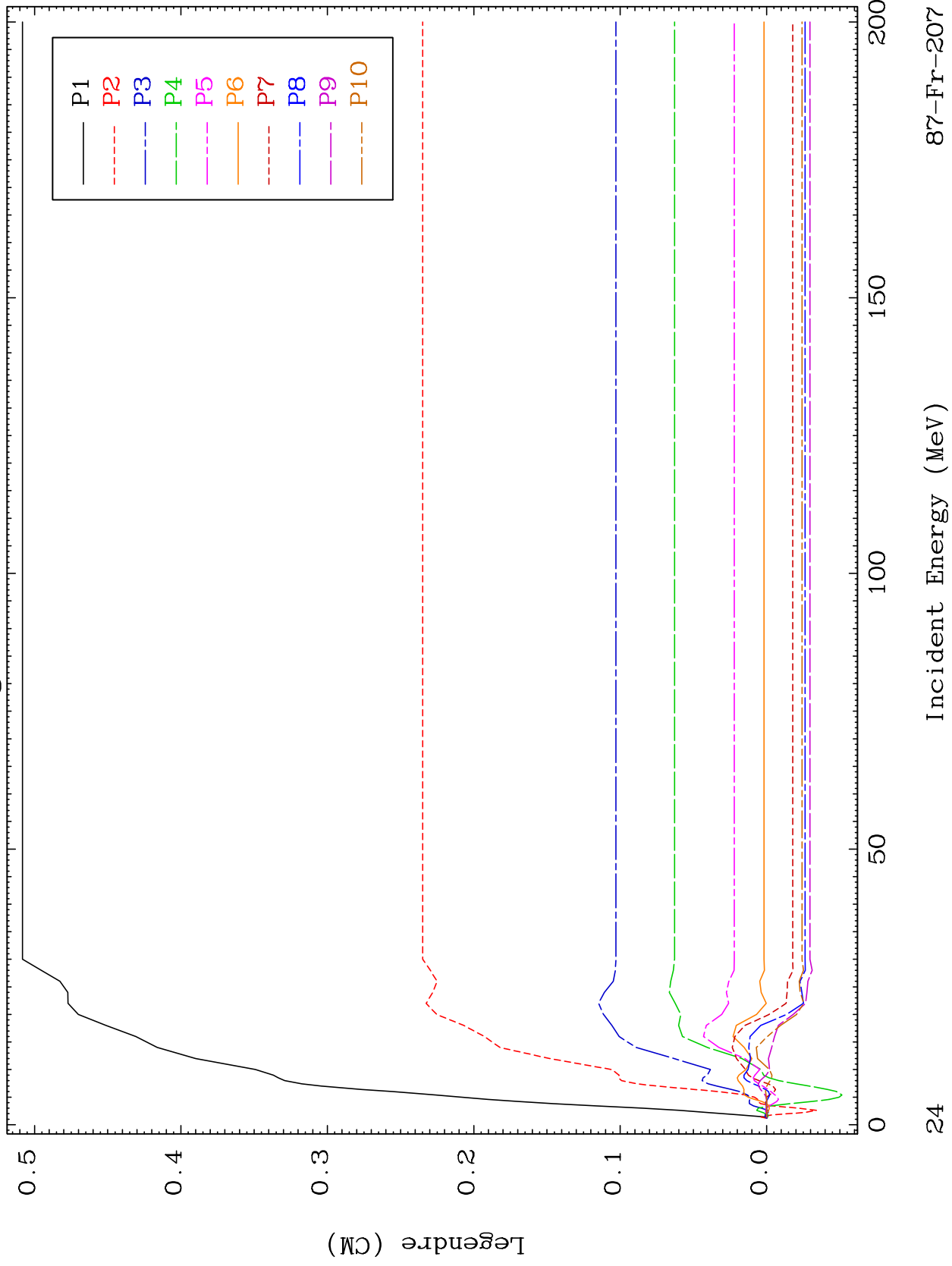




MAT 8710

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

87-Fr-207



87-Fr-207

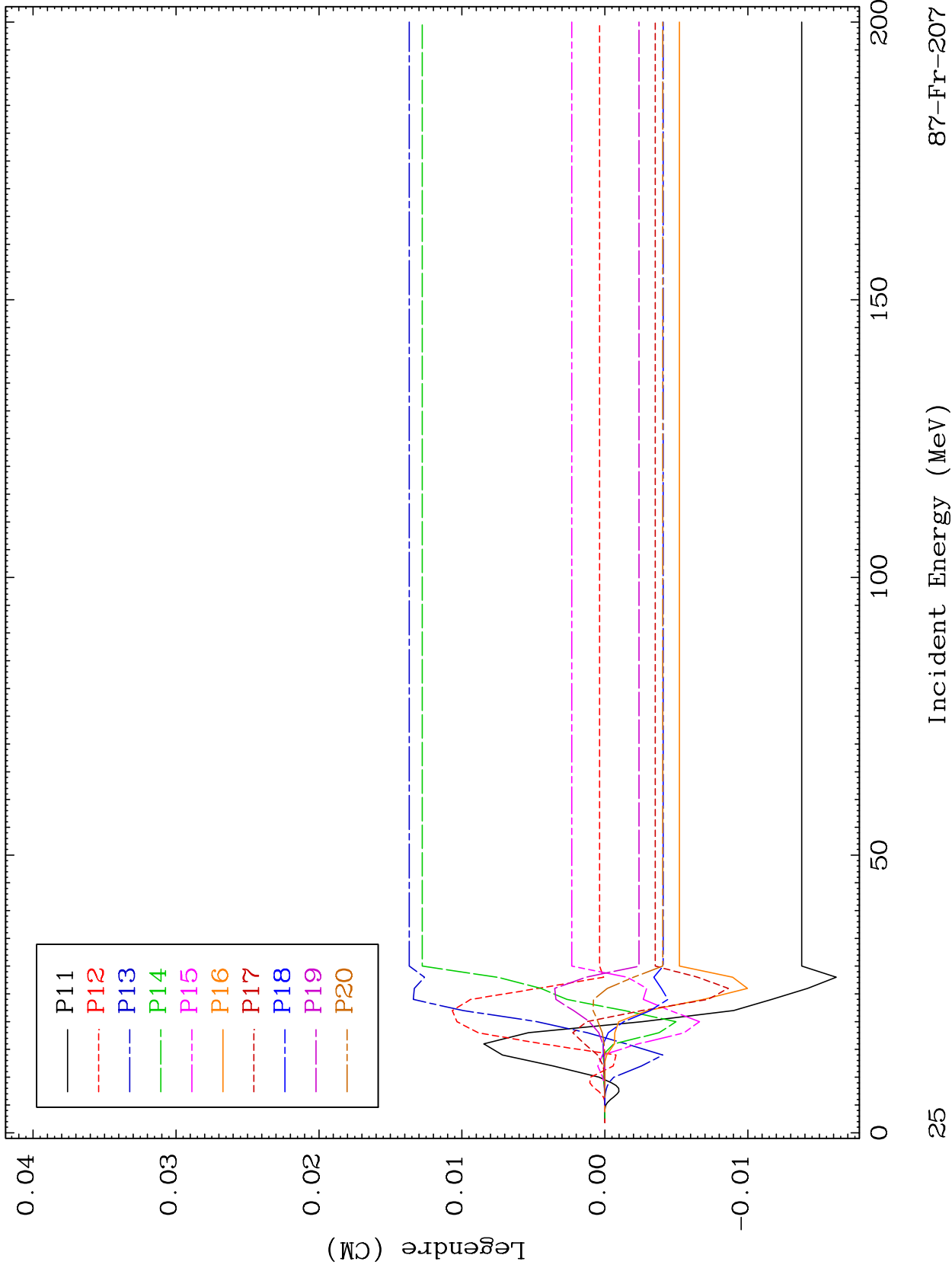
Incident Energy (MeV)

24

MAT 8710

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

87-Fr-207



87-Fr-207

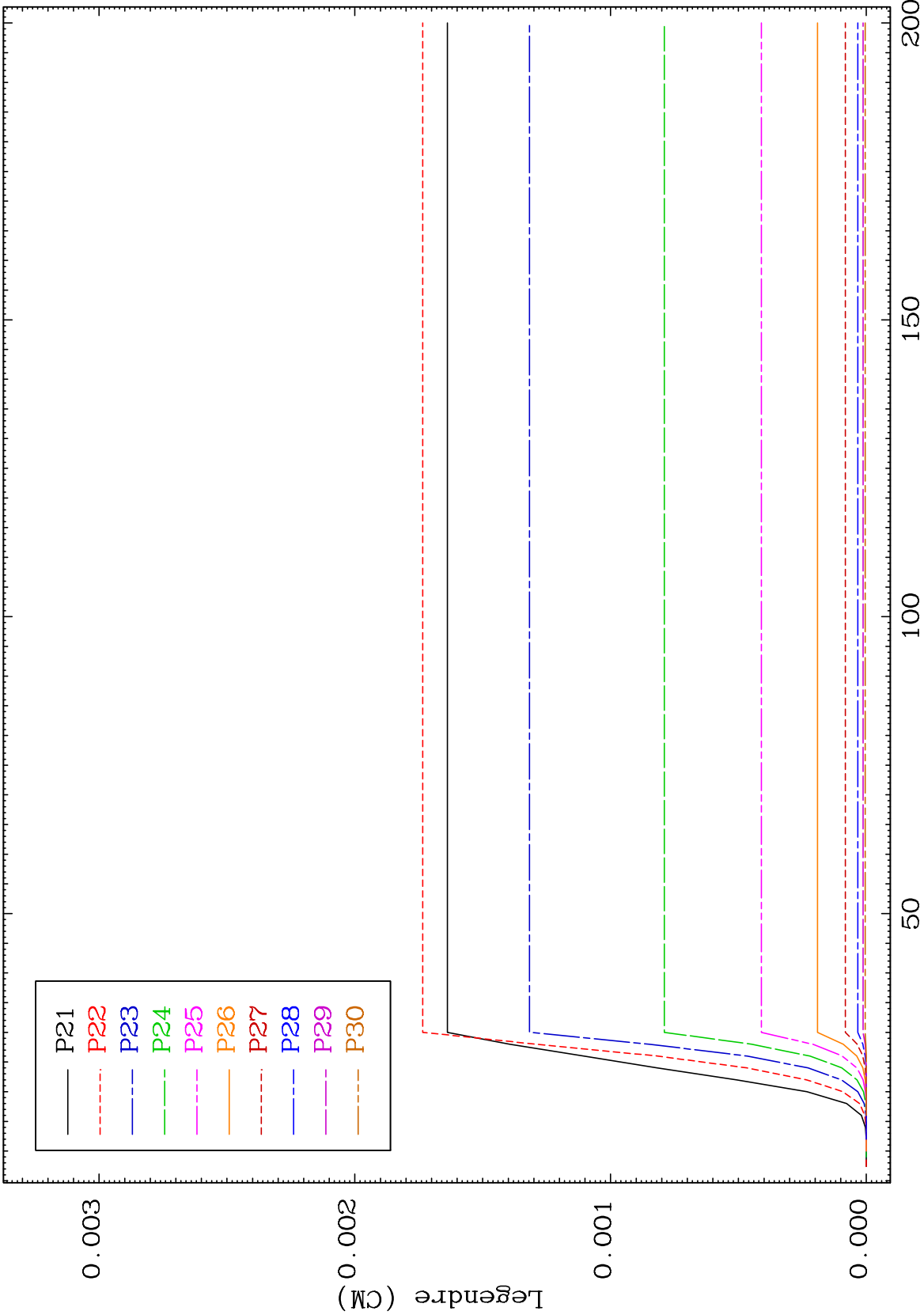
Incident Energy (MeV)

25

MAT 8710

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

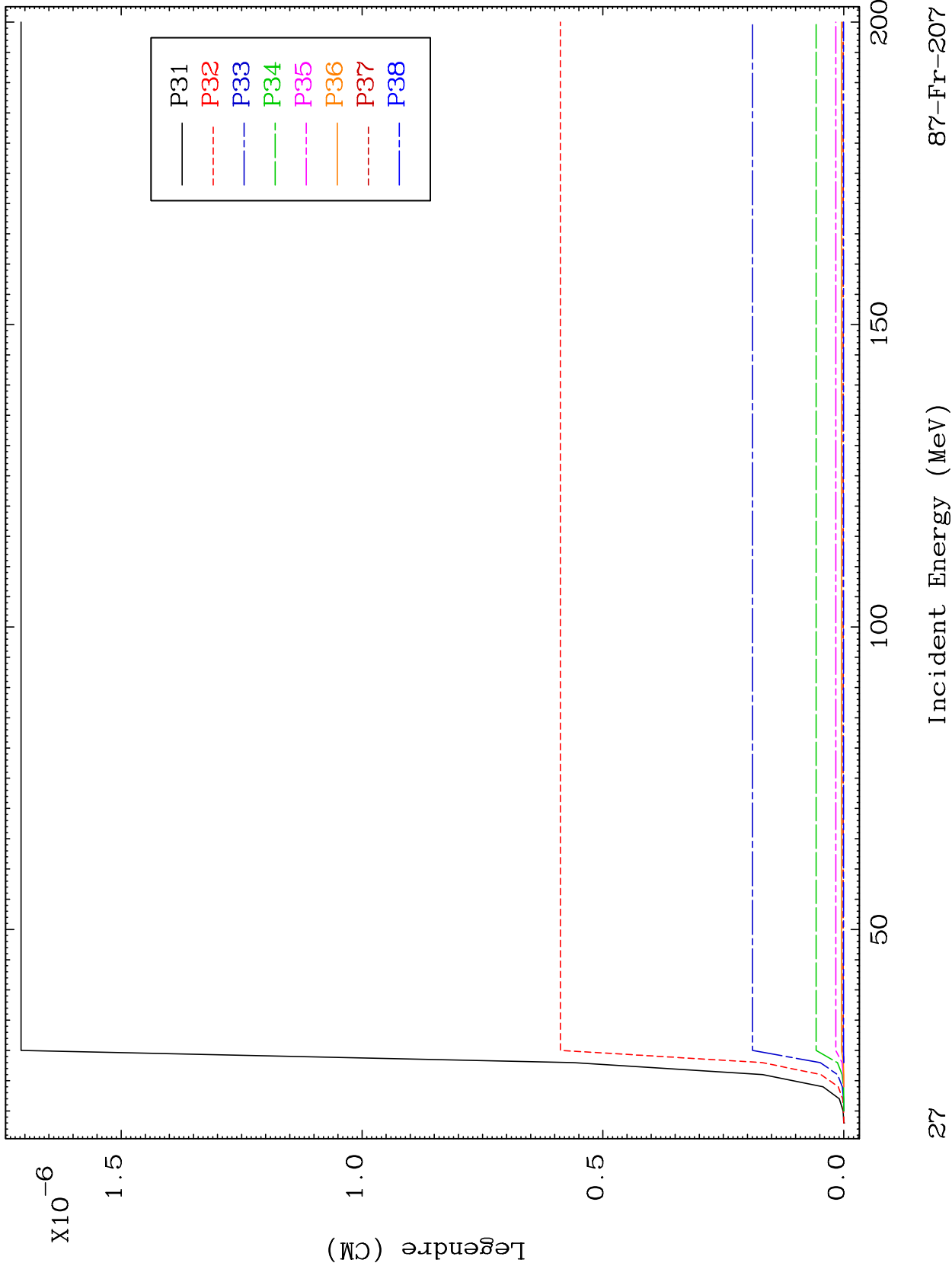
87-Fr-207



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Incident Energy (MeV)

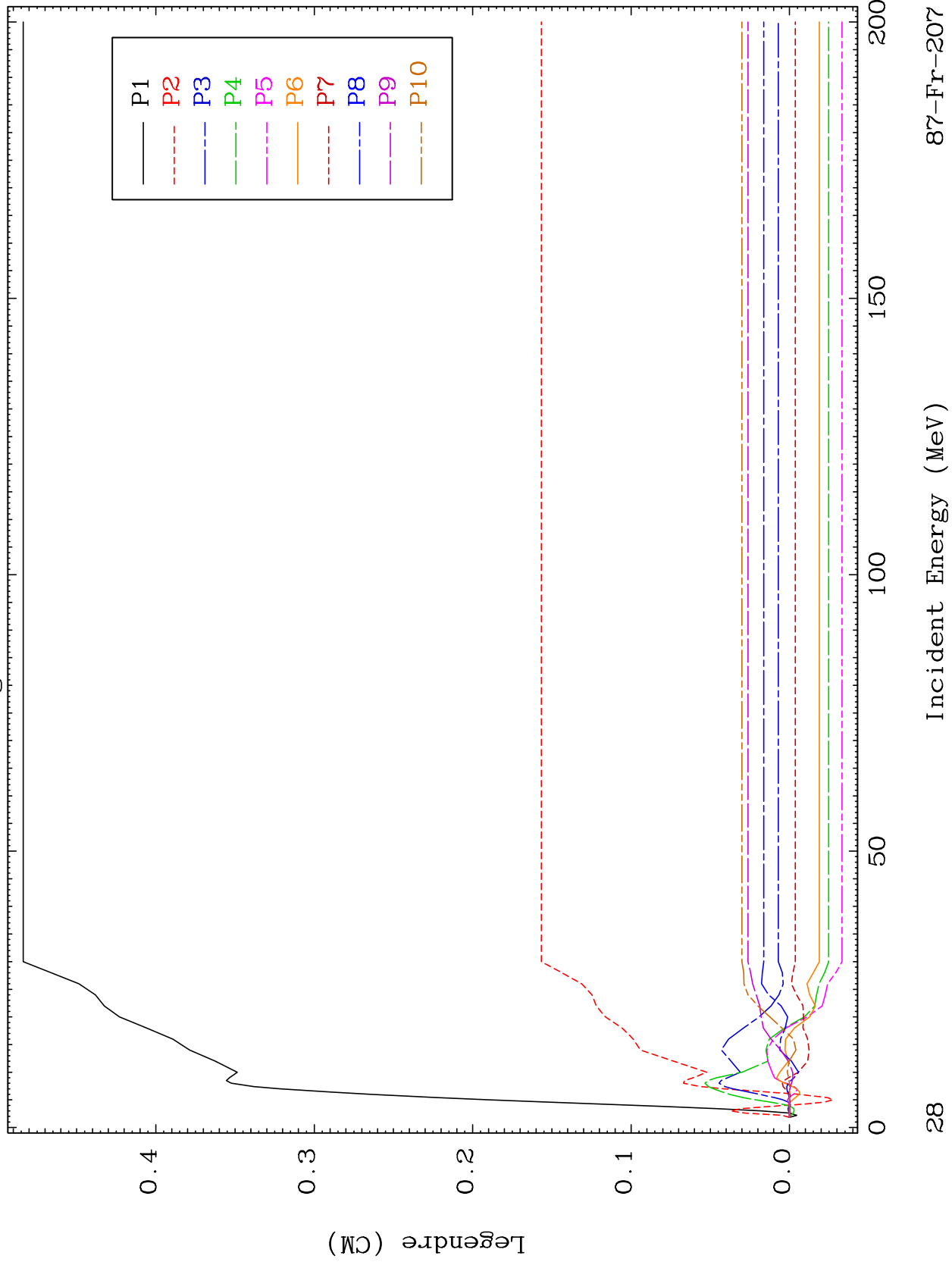
87-Fr-207



MAT 8710

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

87-Fr-207



87-Fr-207

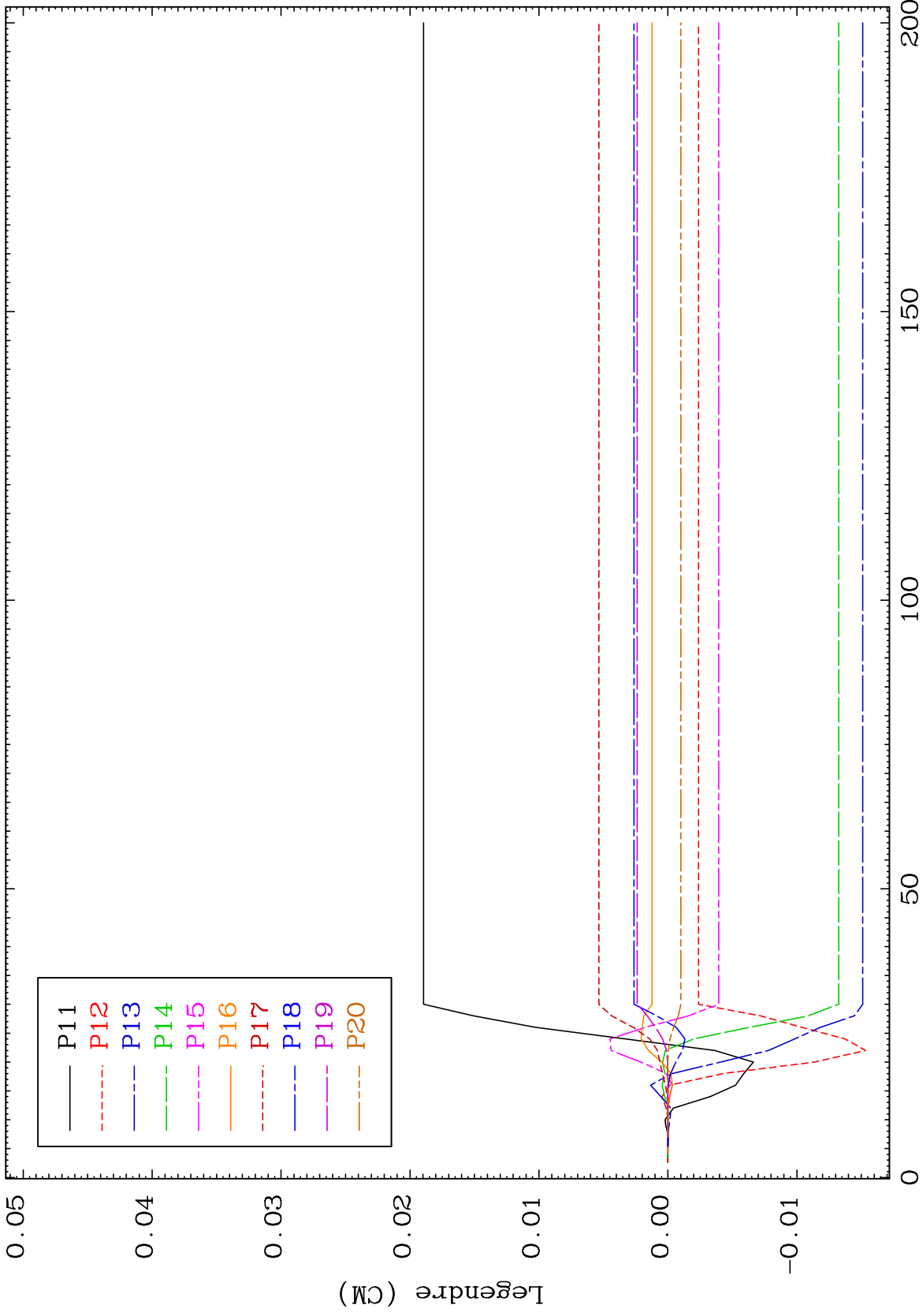
Incident Energy (MeV)

28

MAT 8710

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

87-Fr-207



29

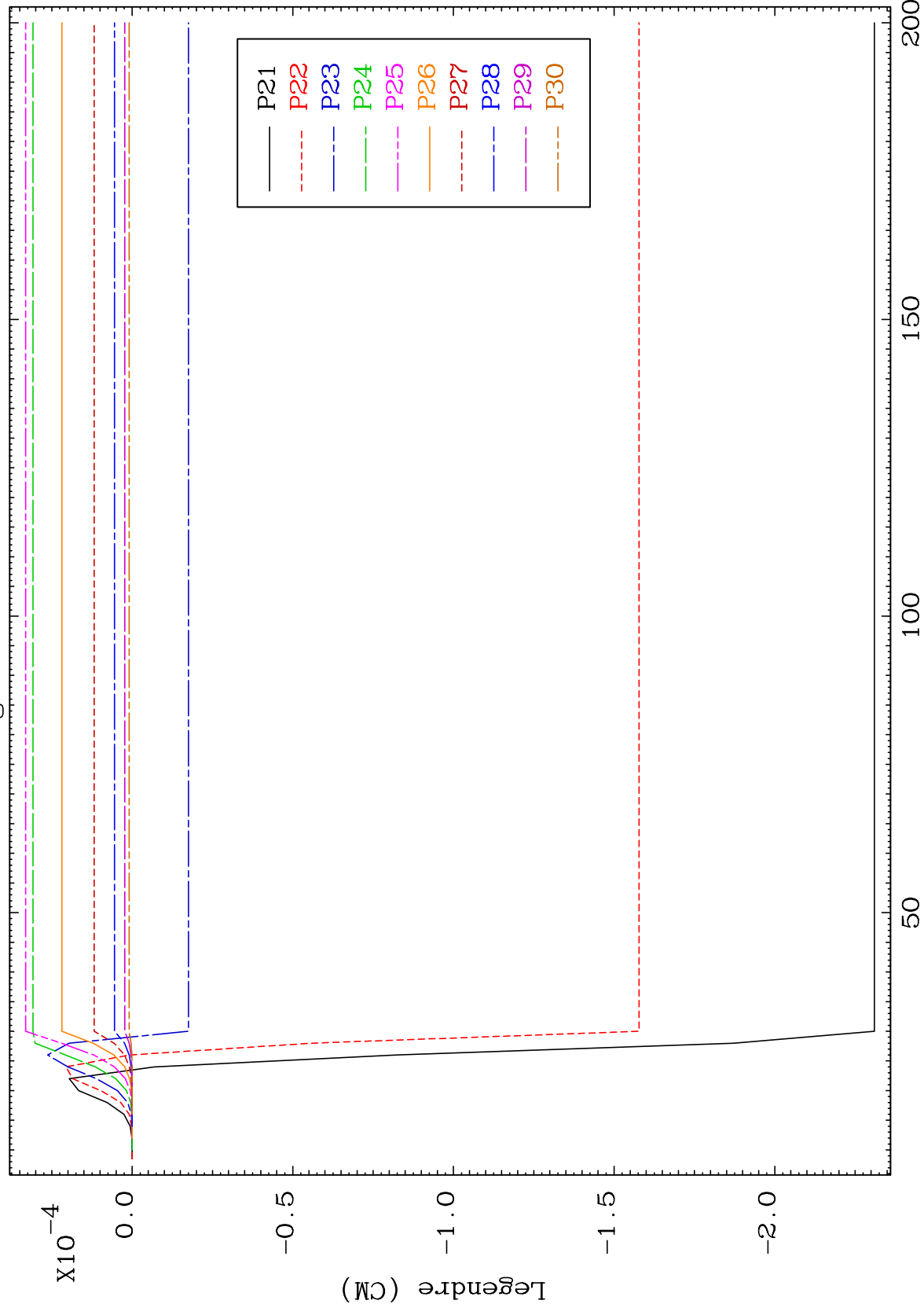
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



30

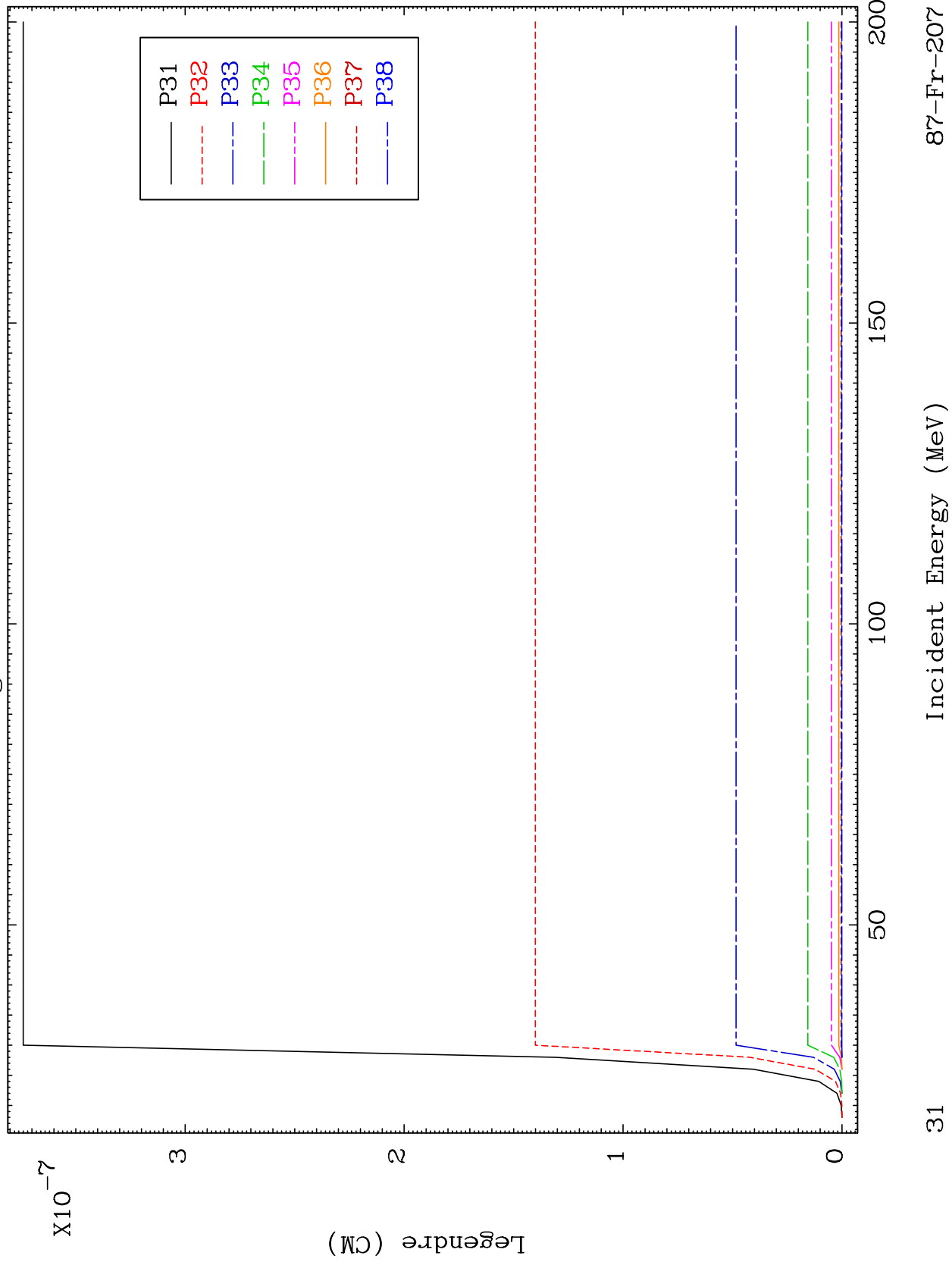
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



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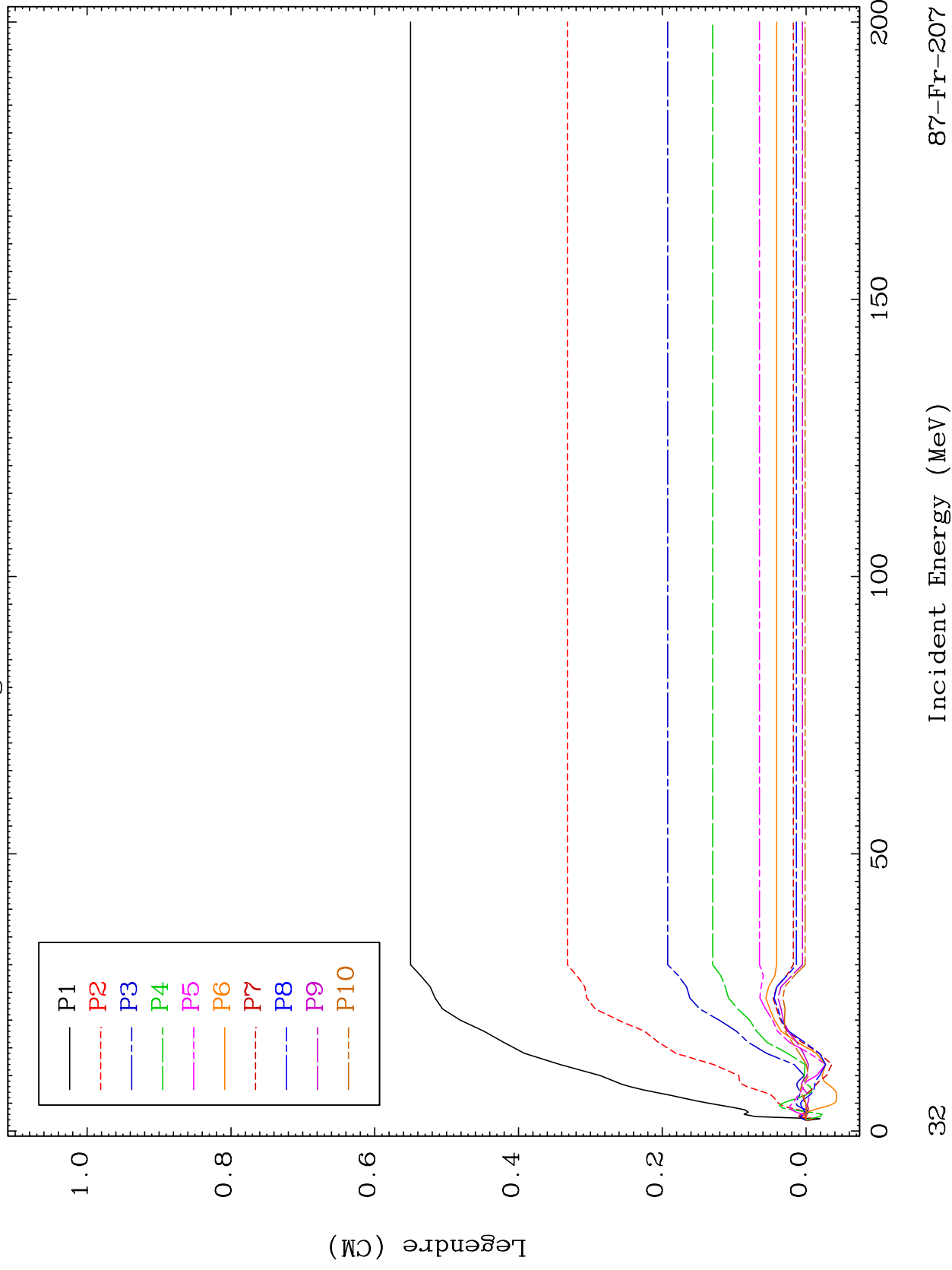
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



87-Fr-207

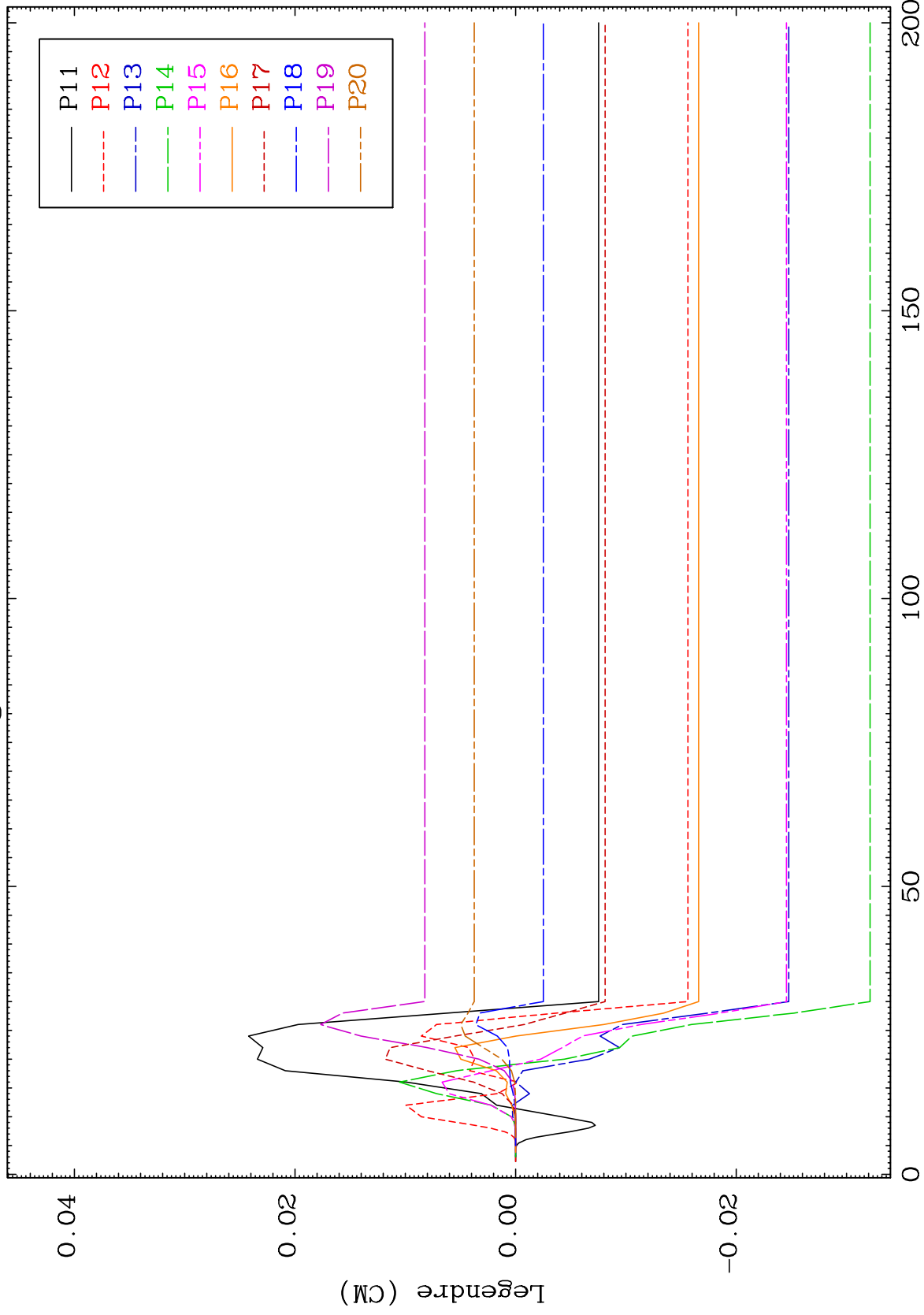
Incident Energy (MeV)

32

MAT 8710

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

87-Fr-207



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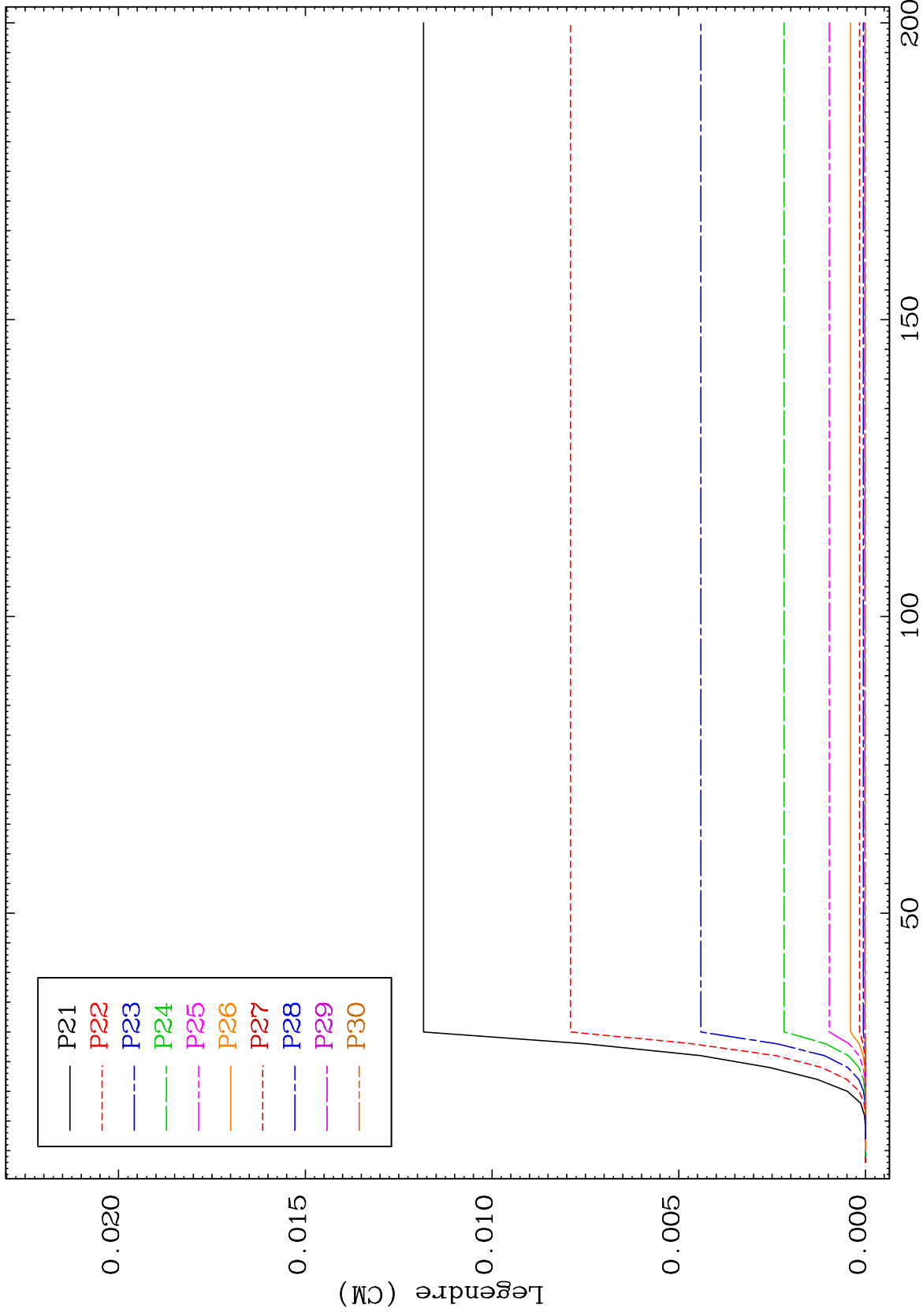
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



34

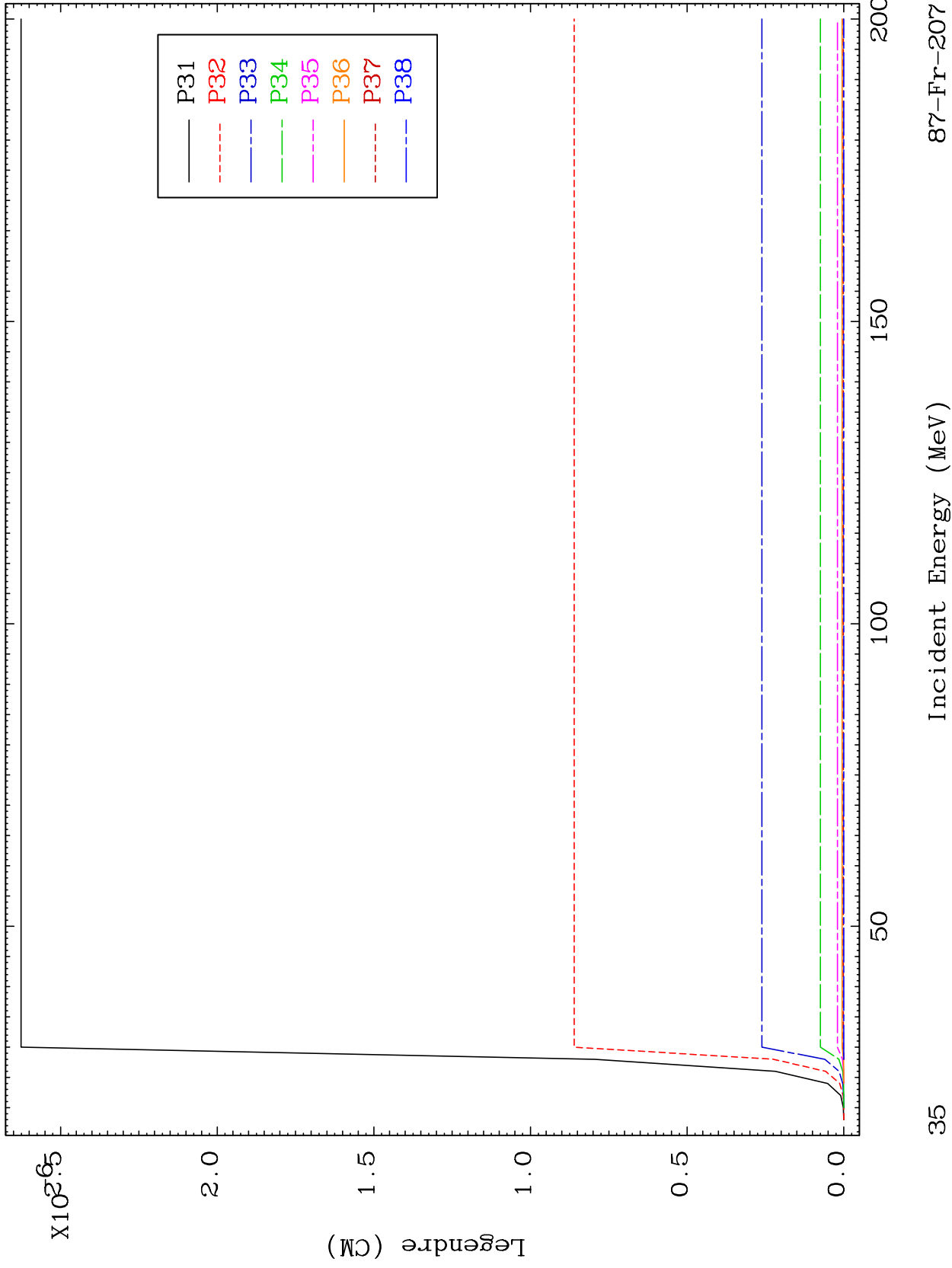
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



35

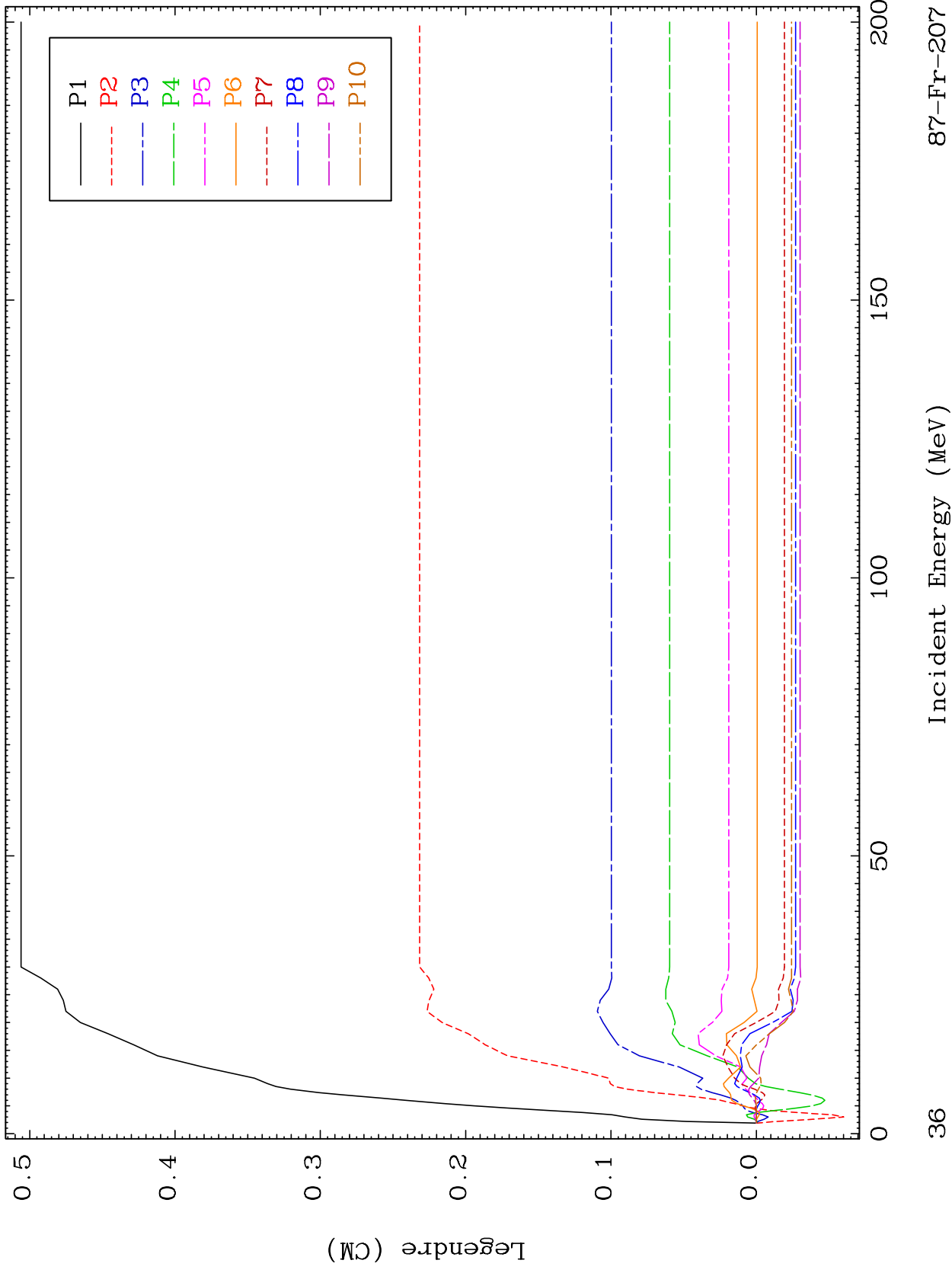
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



36

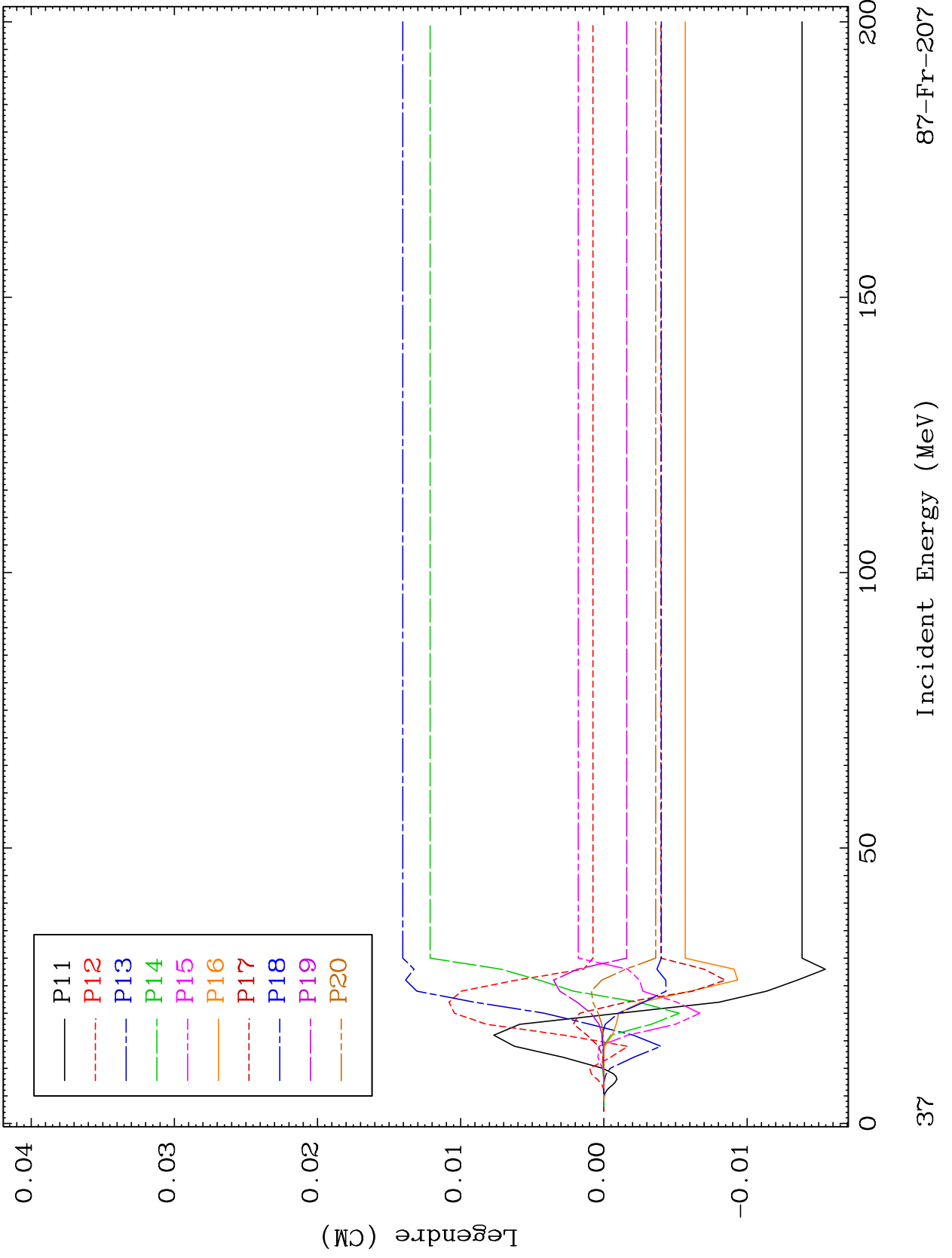
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



37

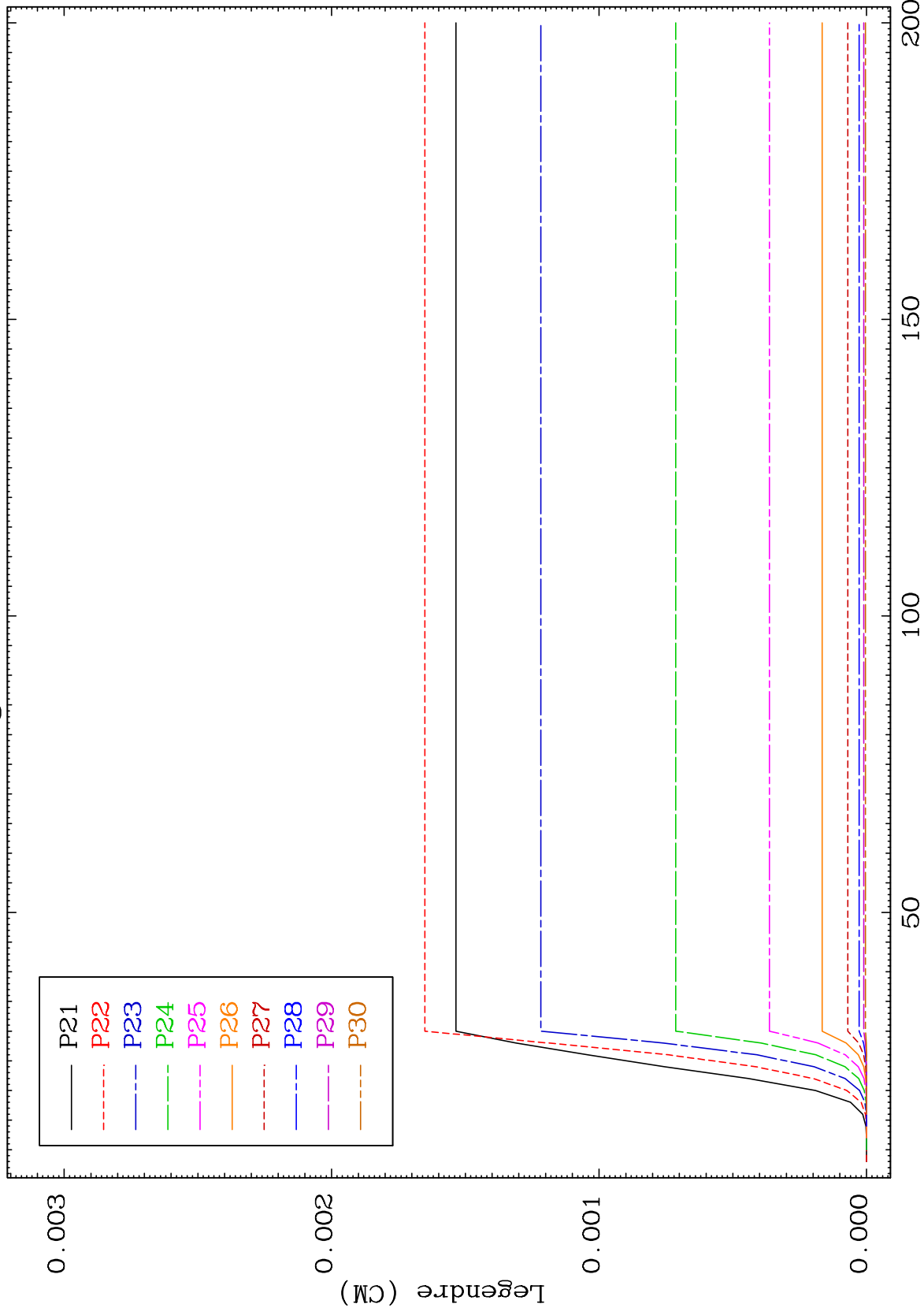
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



38

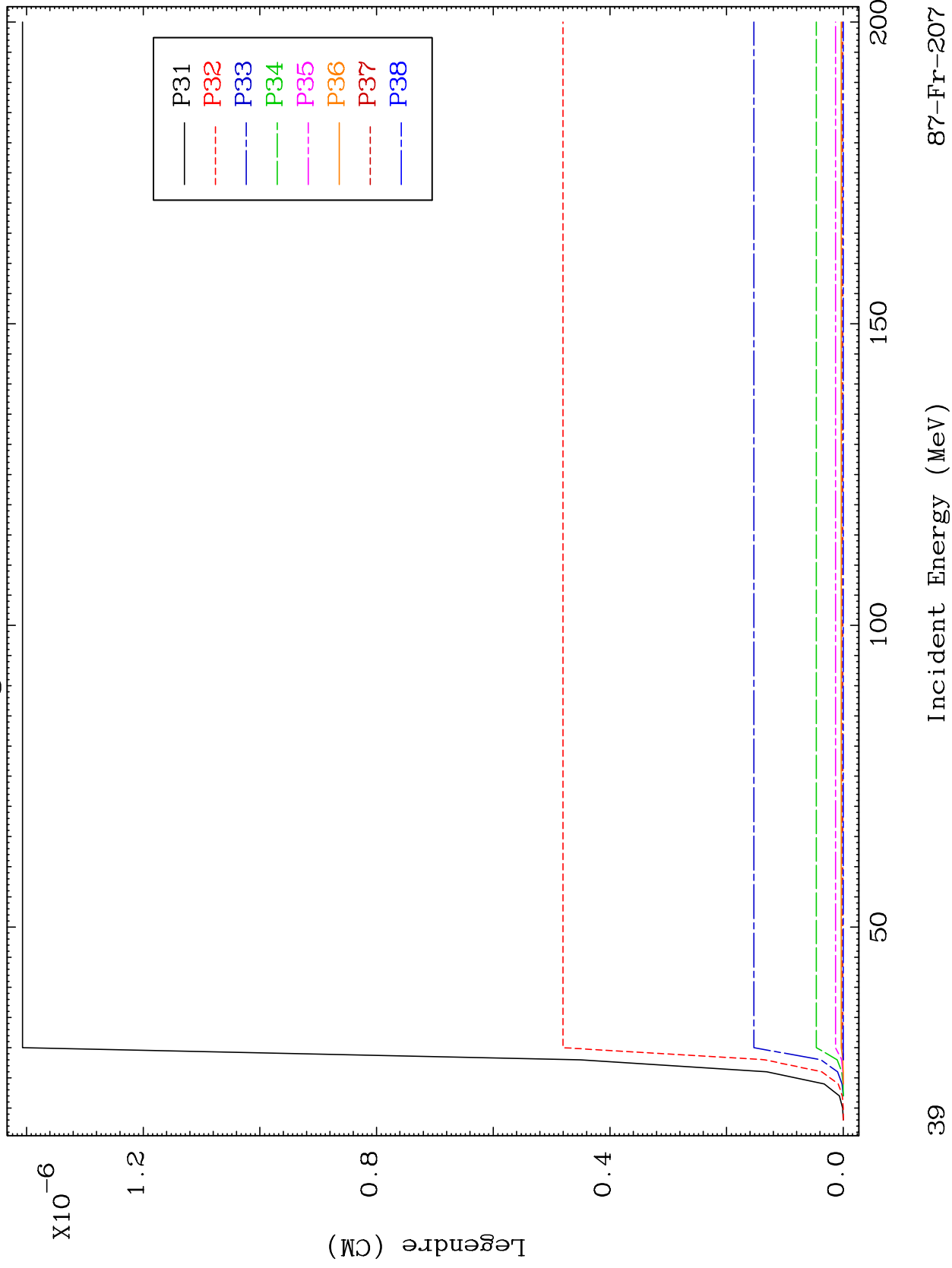
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



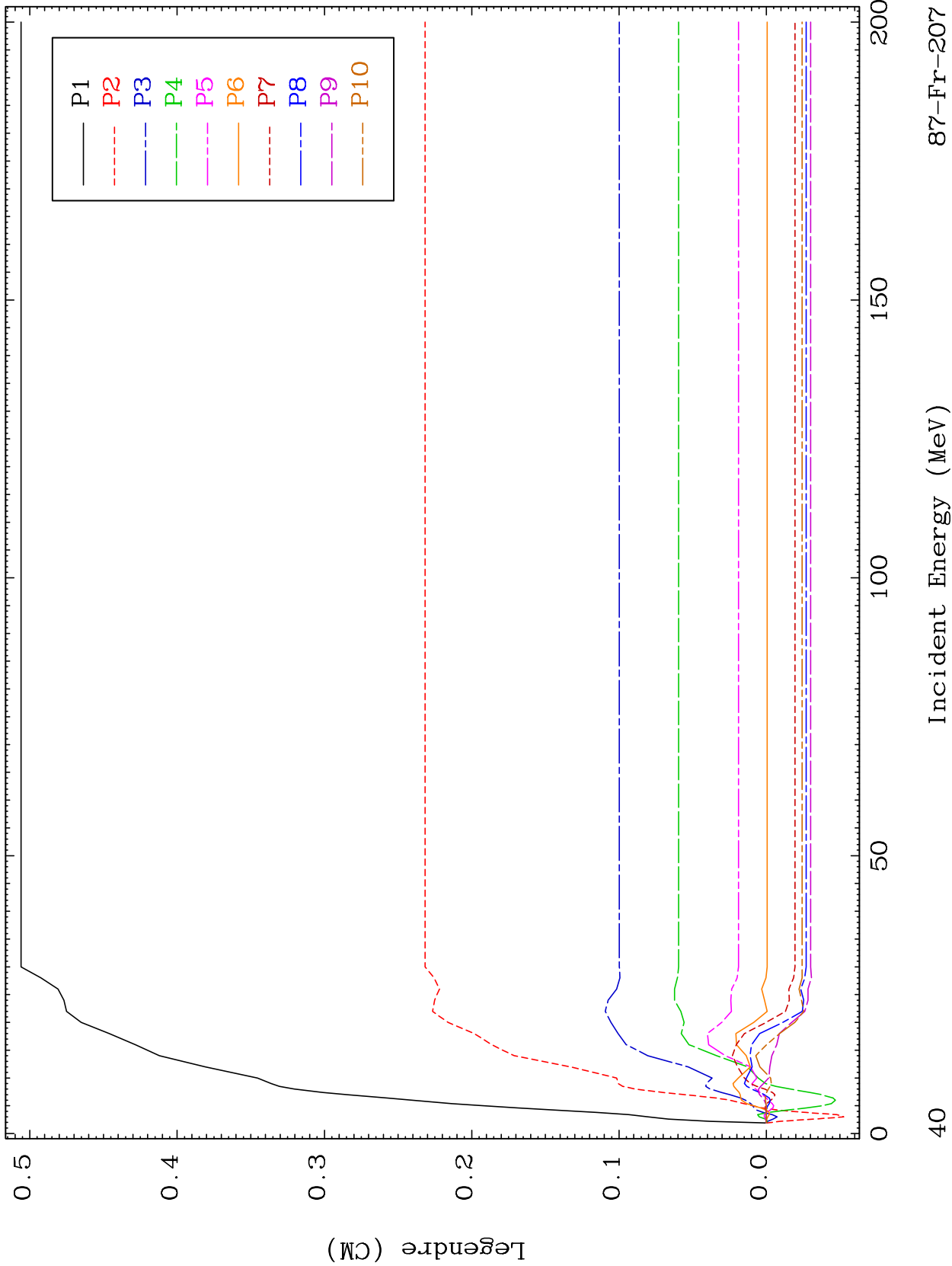
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87-Fr-207

MAT 8710

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

87-Fr-207



87-Fr-207

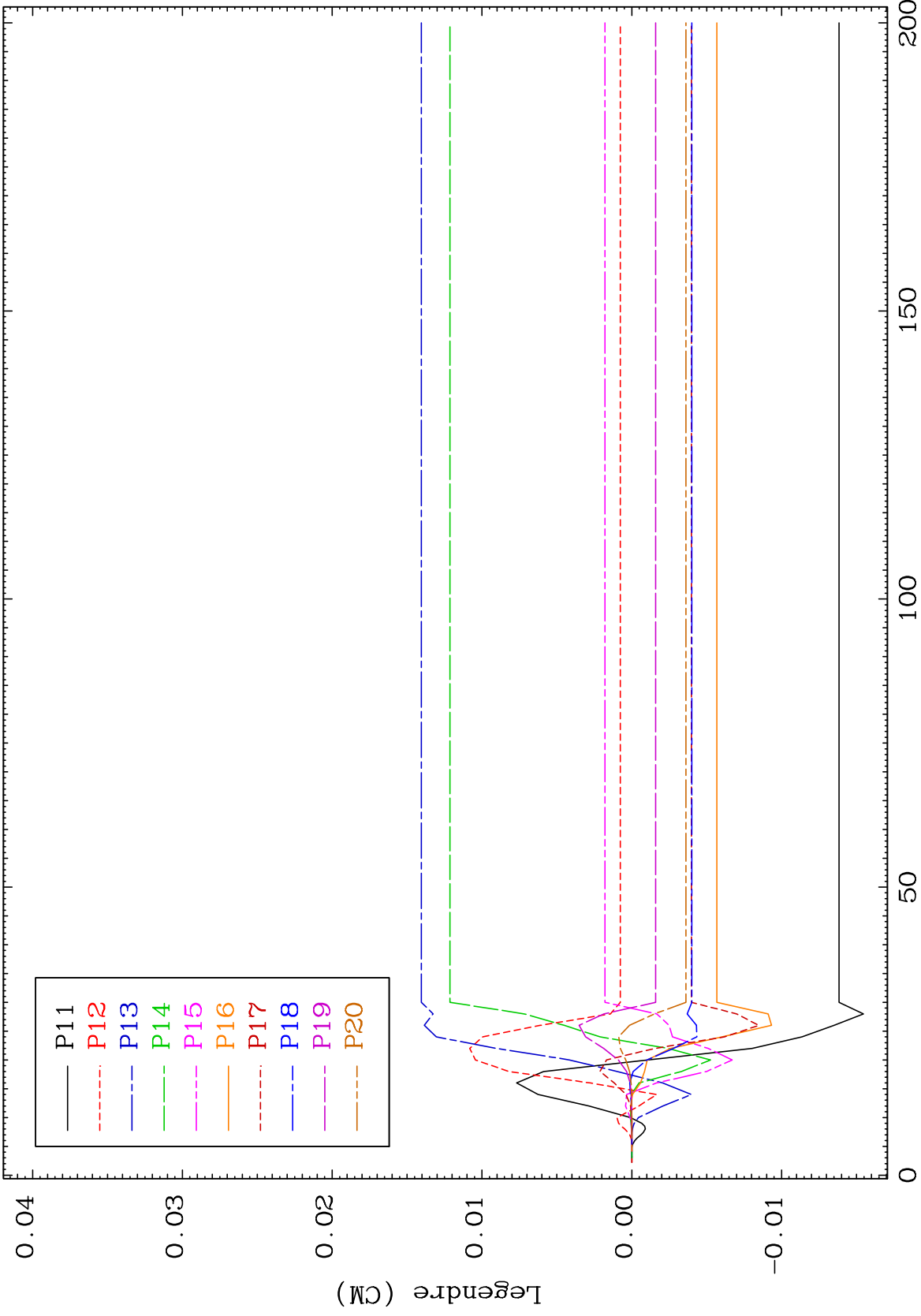
Incident Energy (MeV)

40

MAT 8710

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

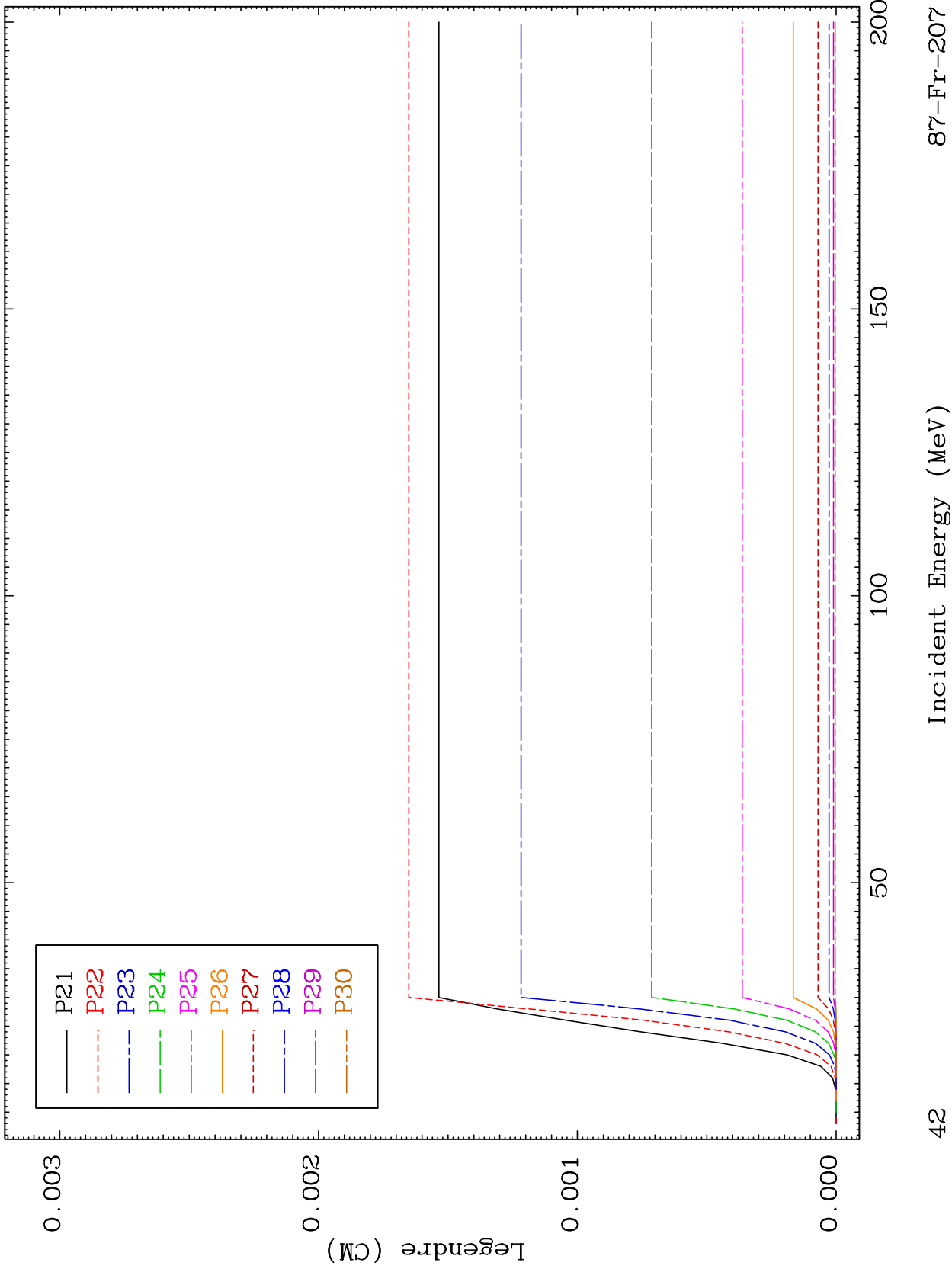
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MAT 8710

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

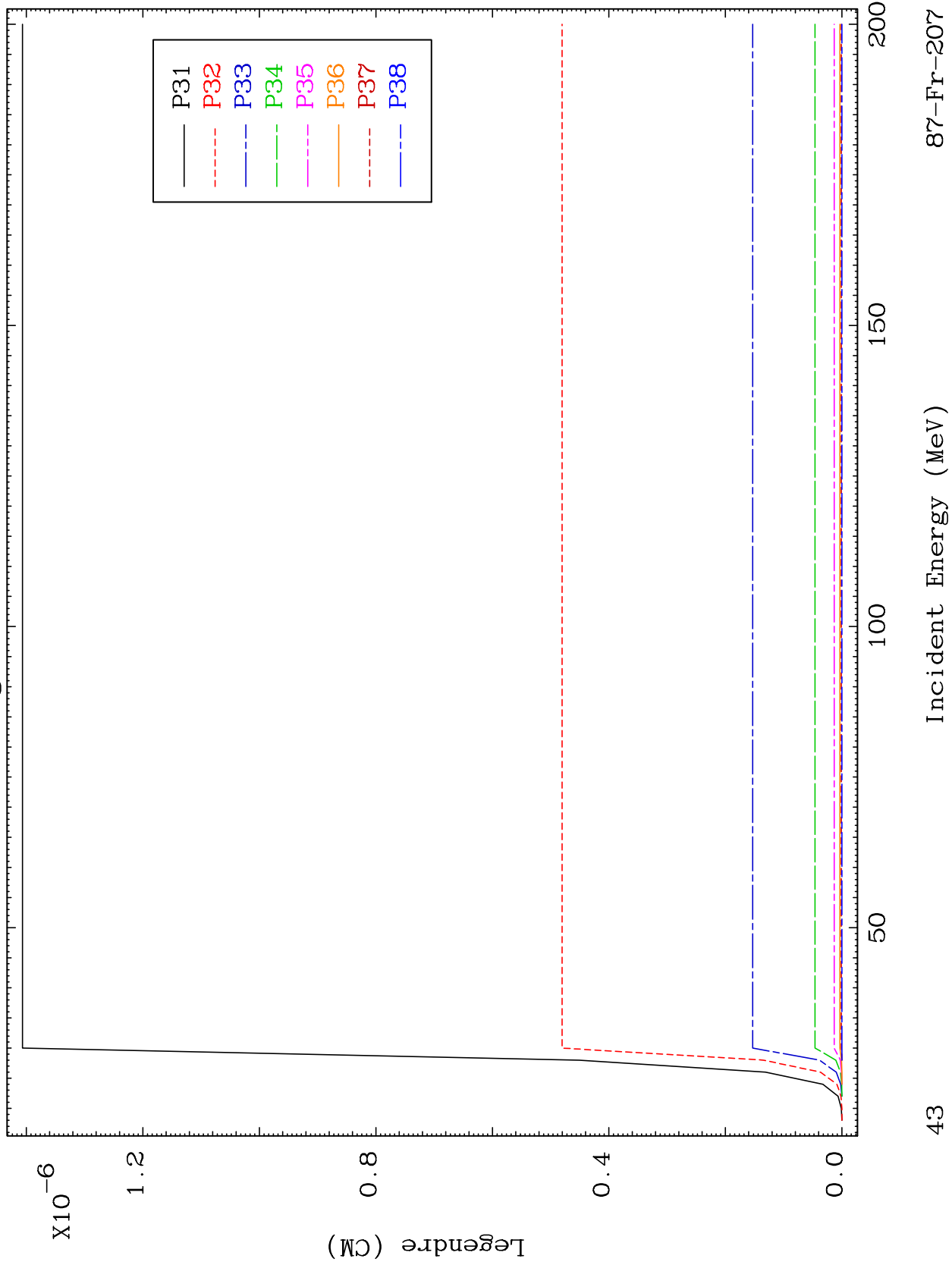
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MAT 8710

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

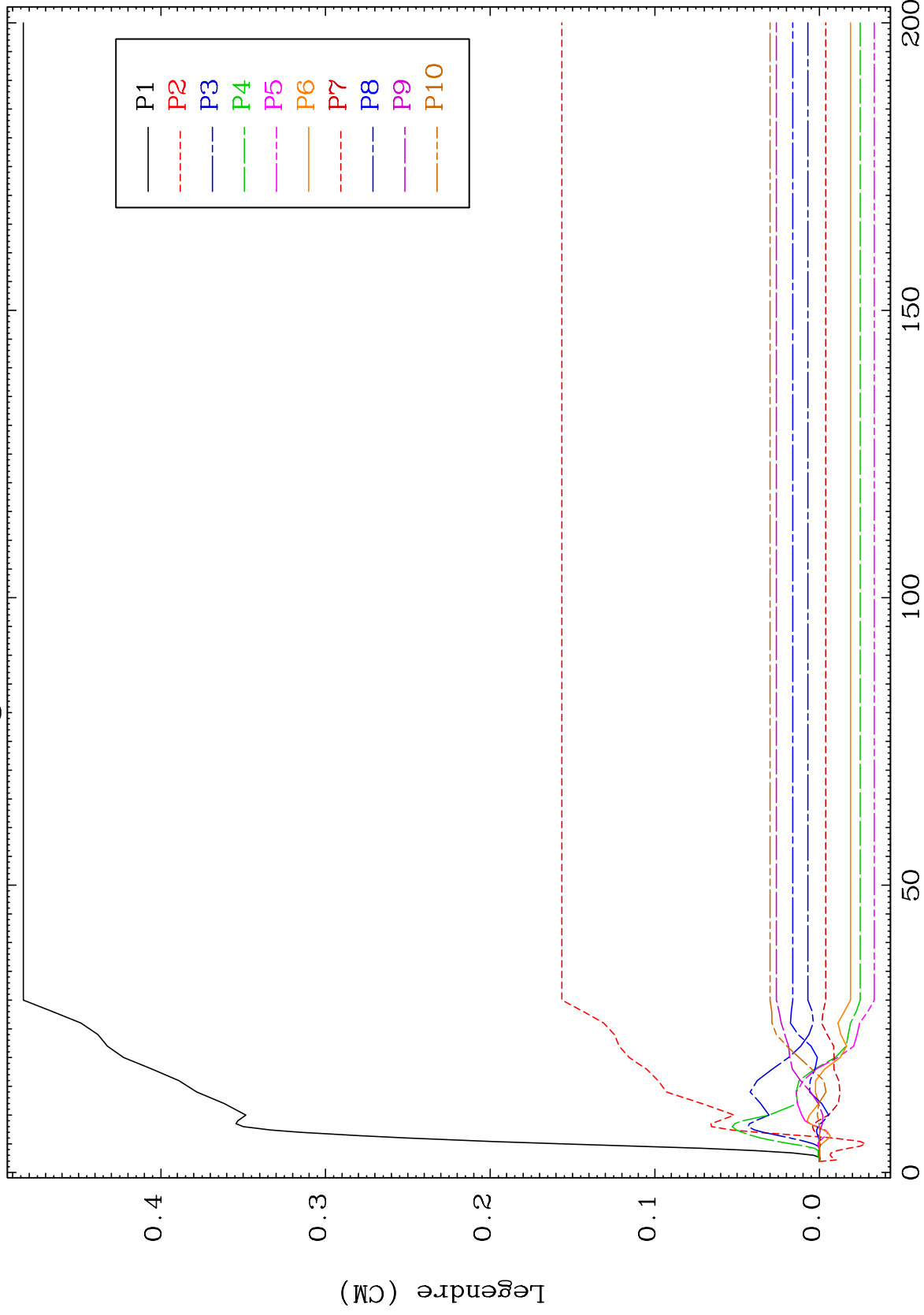
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MAT 8710

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

87-Fr-207



44

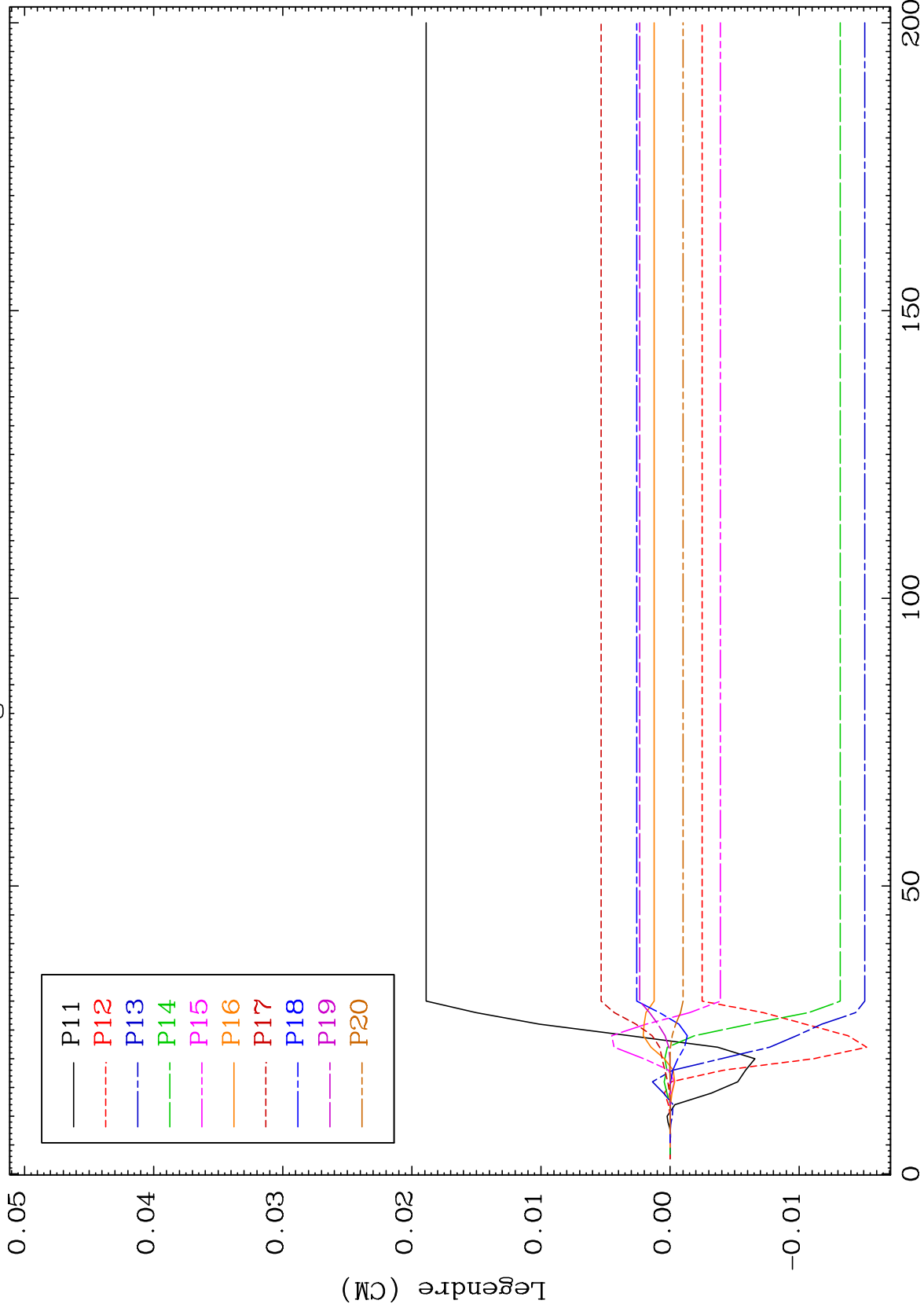
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

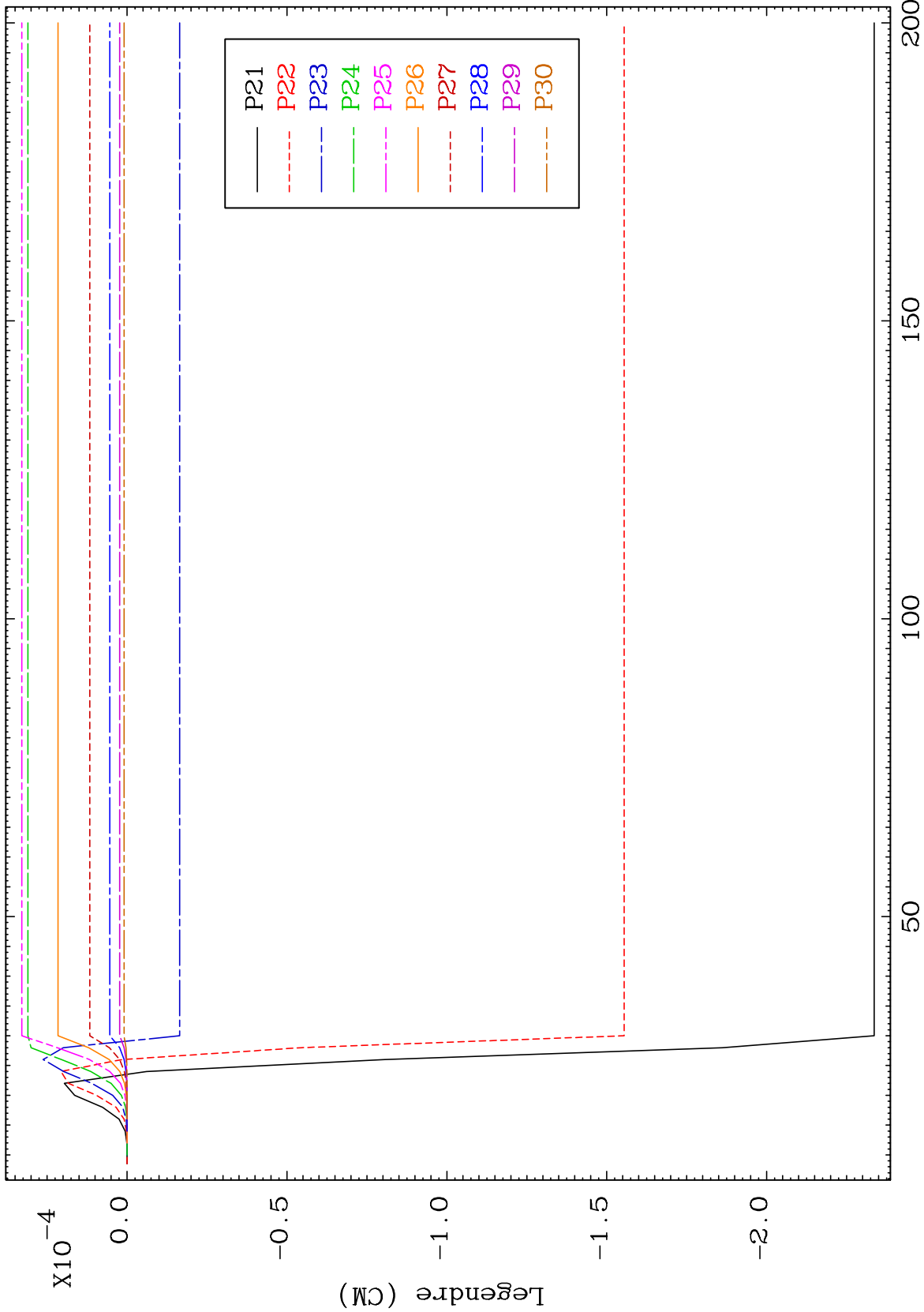
87-Fr-207



45

Incident Energy (MeV)

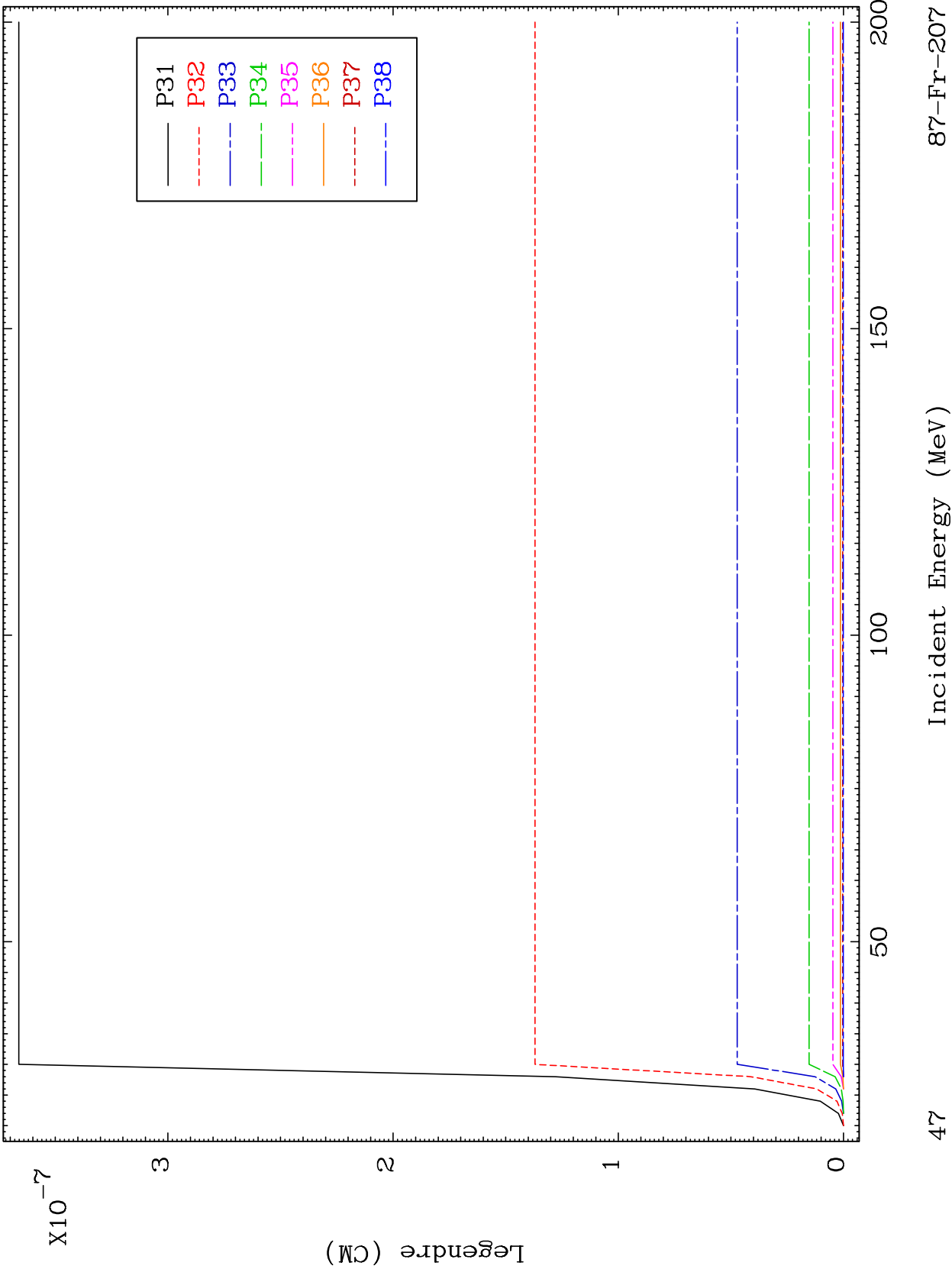
87-Fr-207



MAT 8710

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

87-Fr-207



47

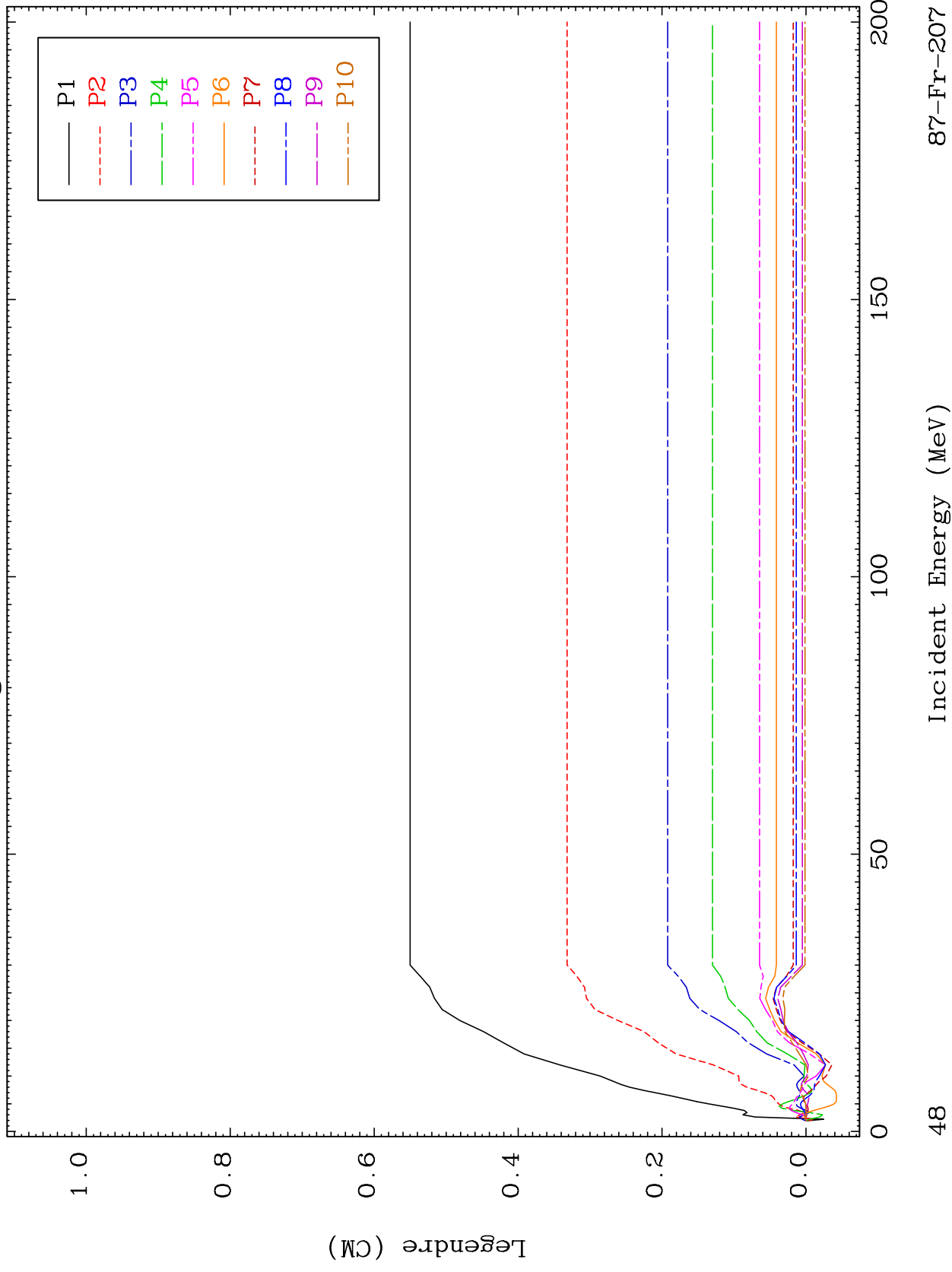
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

87-Fr-207



87-Fr-207

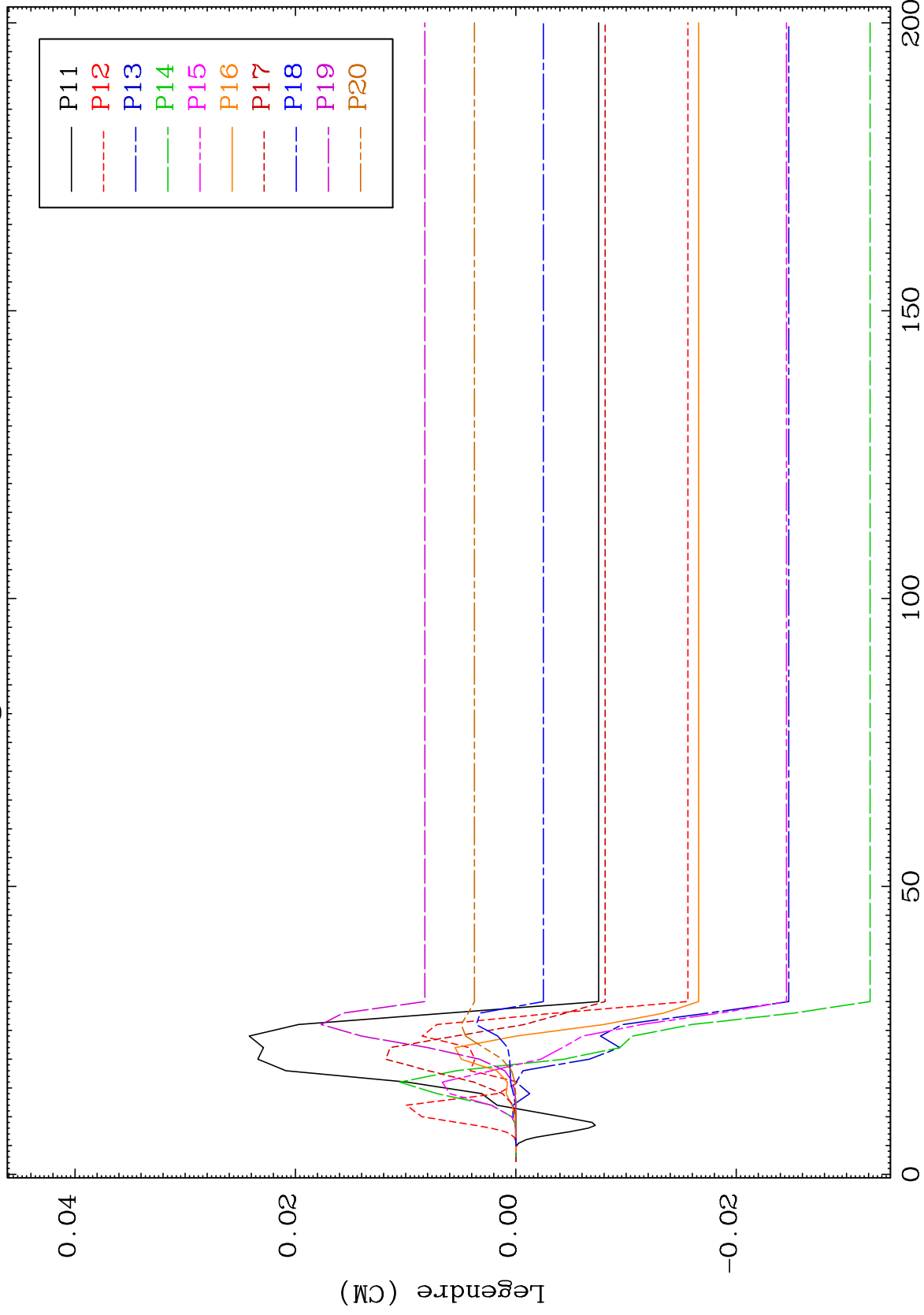
Incident Energy (MeV)

48

MAT 8710

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

87-Fr-207



49

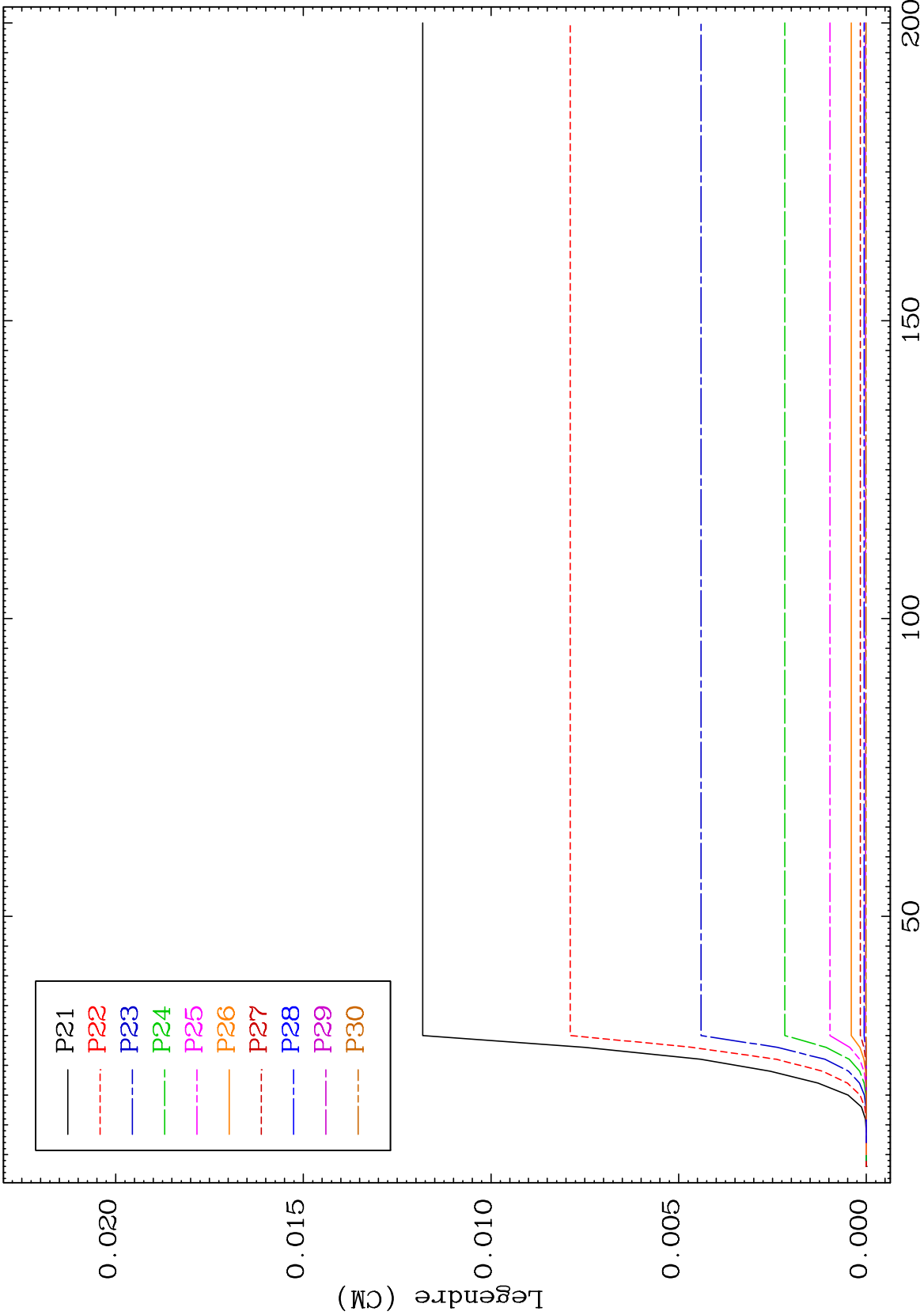
Incident Energy (MeV)

87-Fr-207

MAT 8710

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

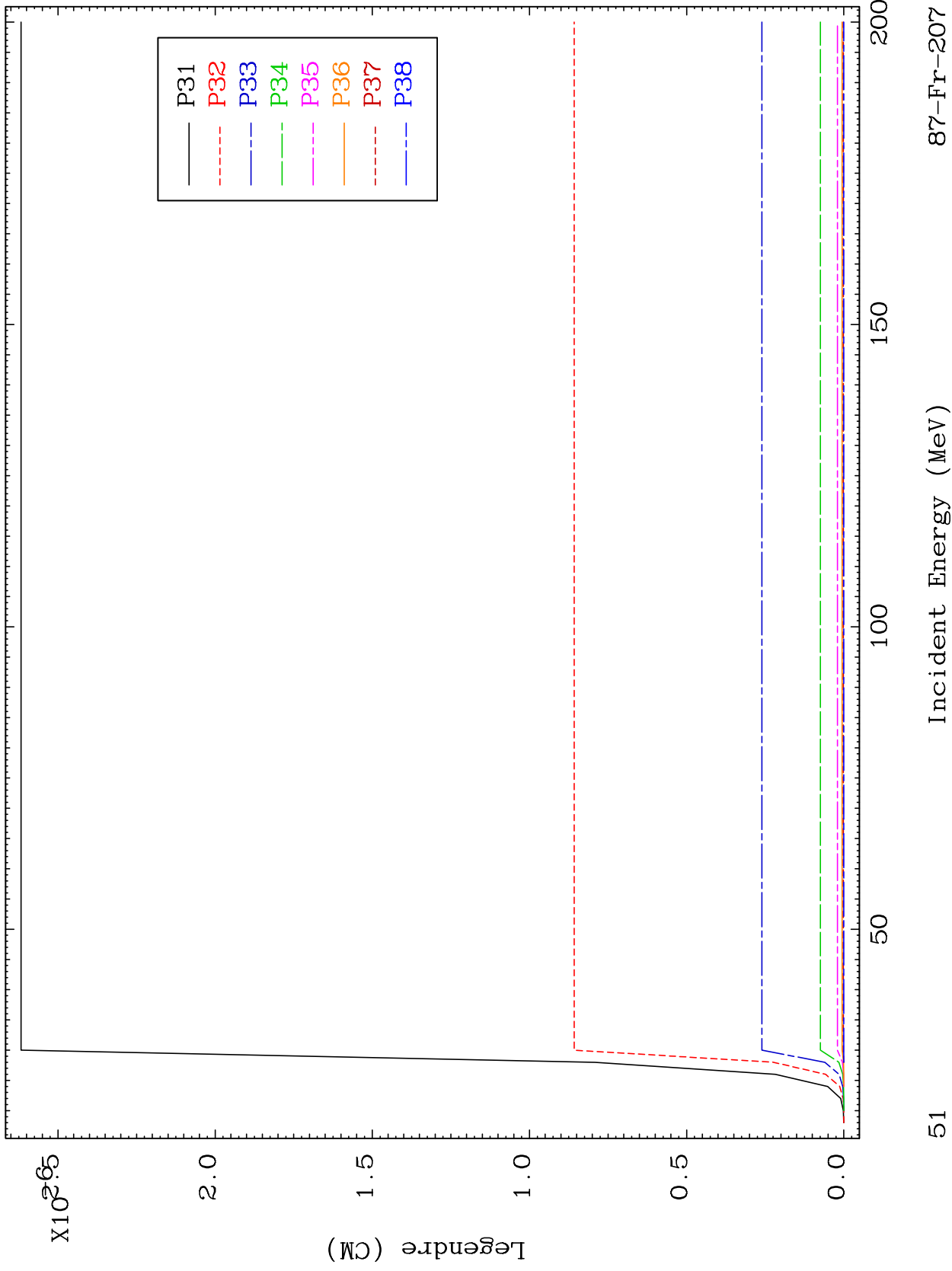
87-Fr-207



50

Incident Energy (MeV)

87-Fr-207

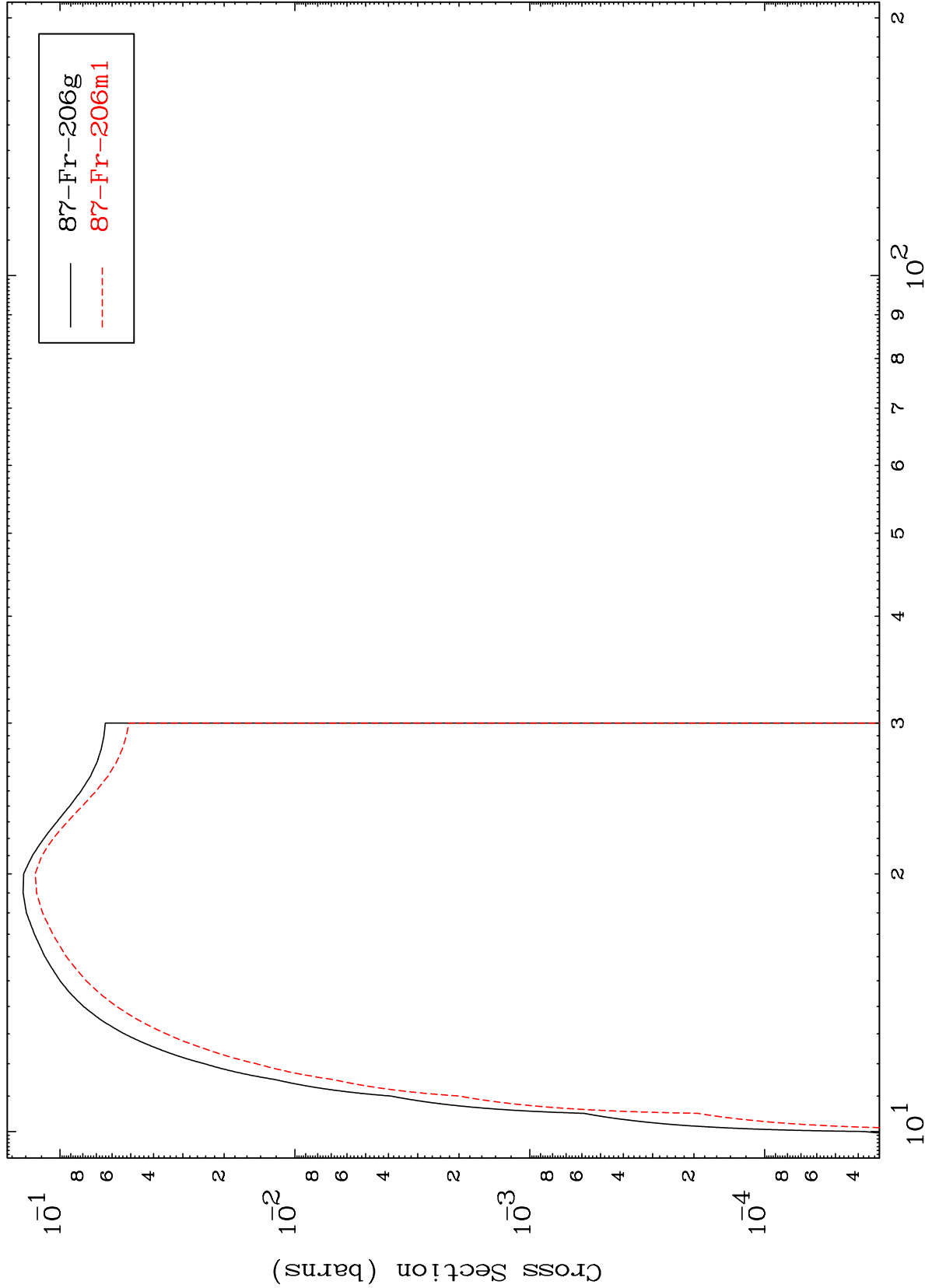


MAT 8710

(n,2n)

87-Fr-207

Radionuclide Production Cross Section



52

Incident Energy (MeV)

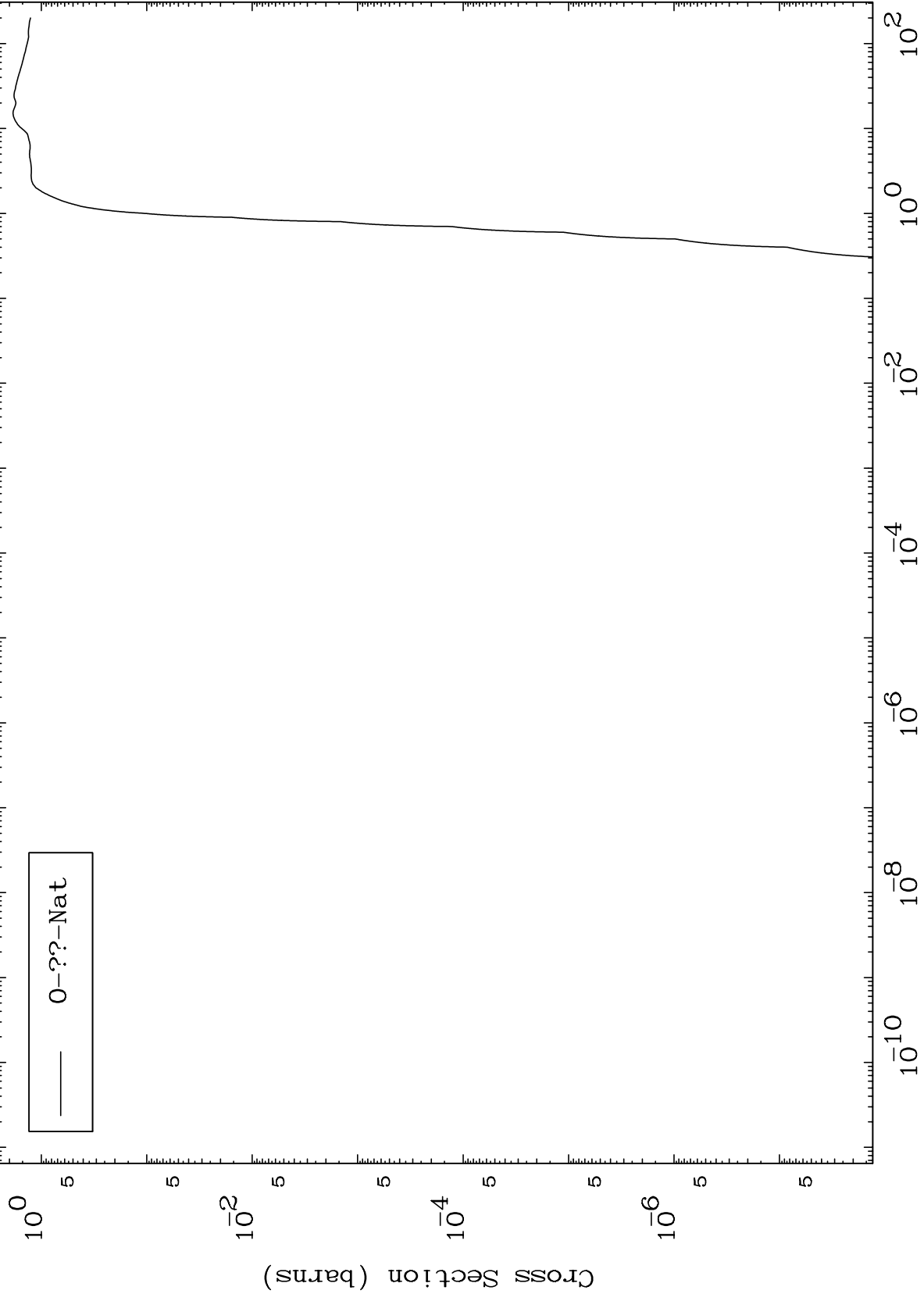
87-Fr-207

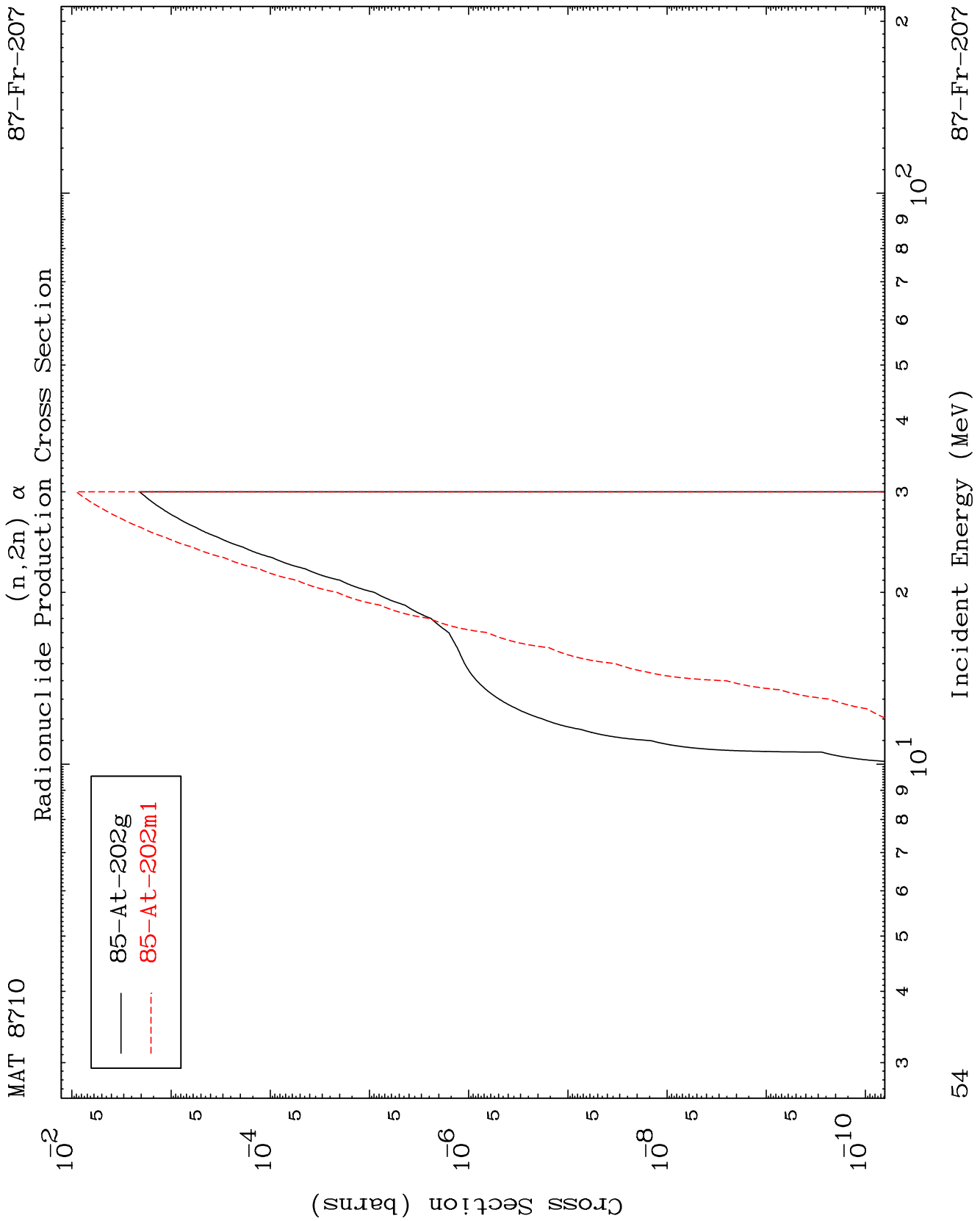
MAT 8710

Fission

87-Fr-207

Radionuclide Production Cross Section



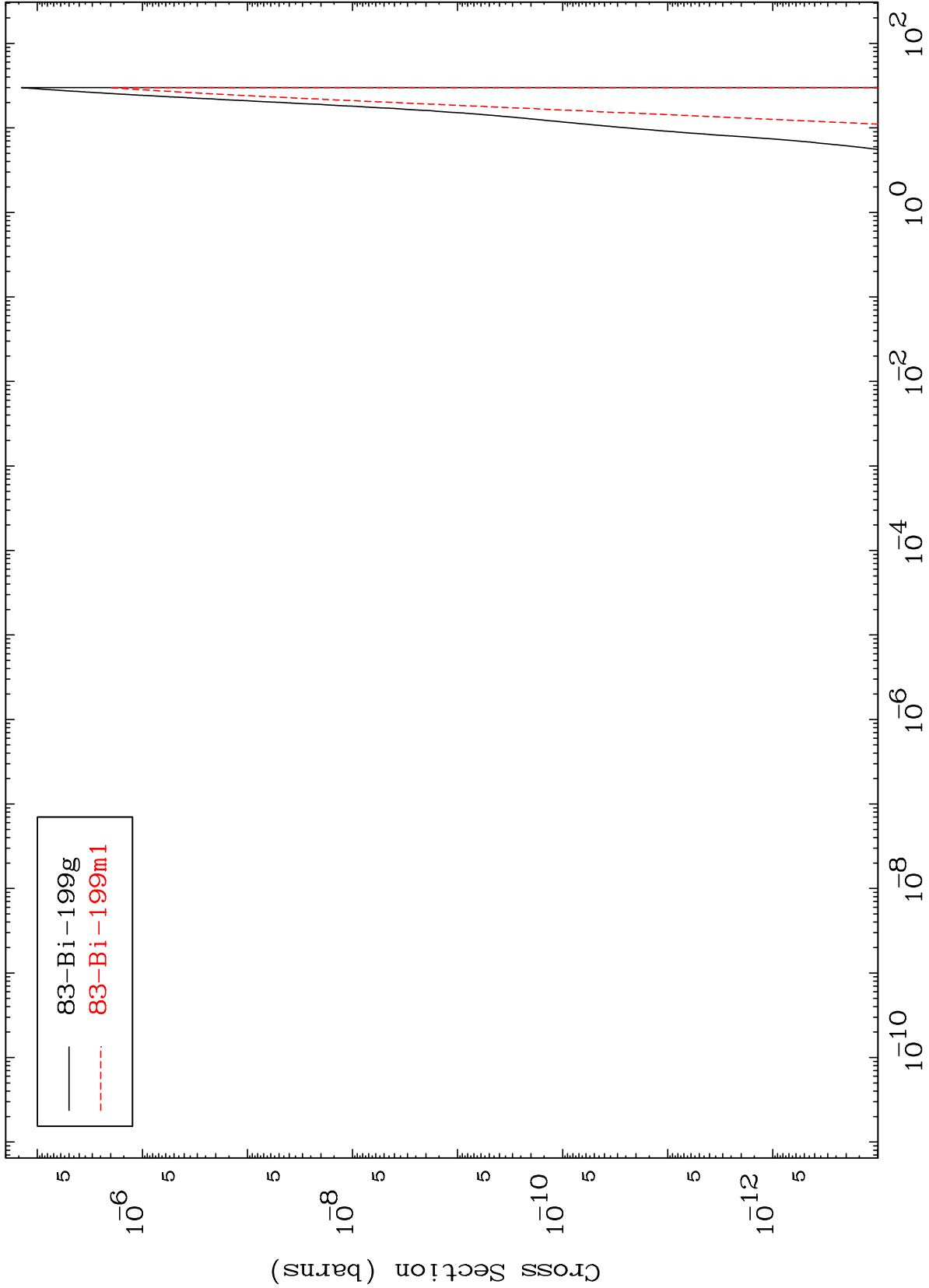


MAT 8710

(n,n') 2α

87-Fr-207

Radionuclide Production Cross Section



55

Incident Energy (MeV)

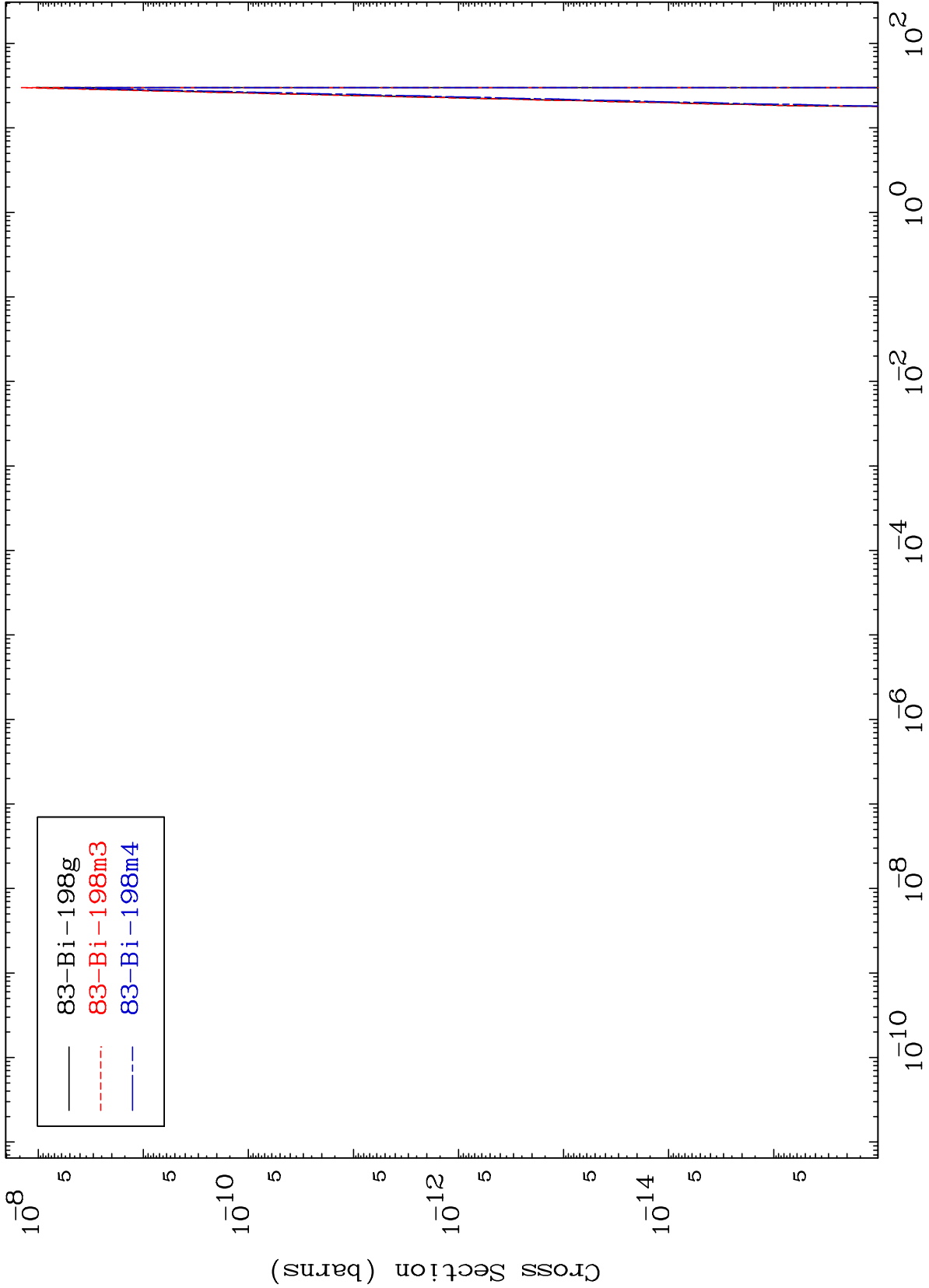
87-Fr-207

MAT 8710

(n,2n) 2 α

87-Fr-207

Radionuclide Production Cross Section



56

Incident Energy (MeV)

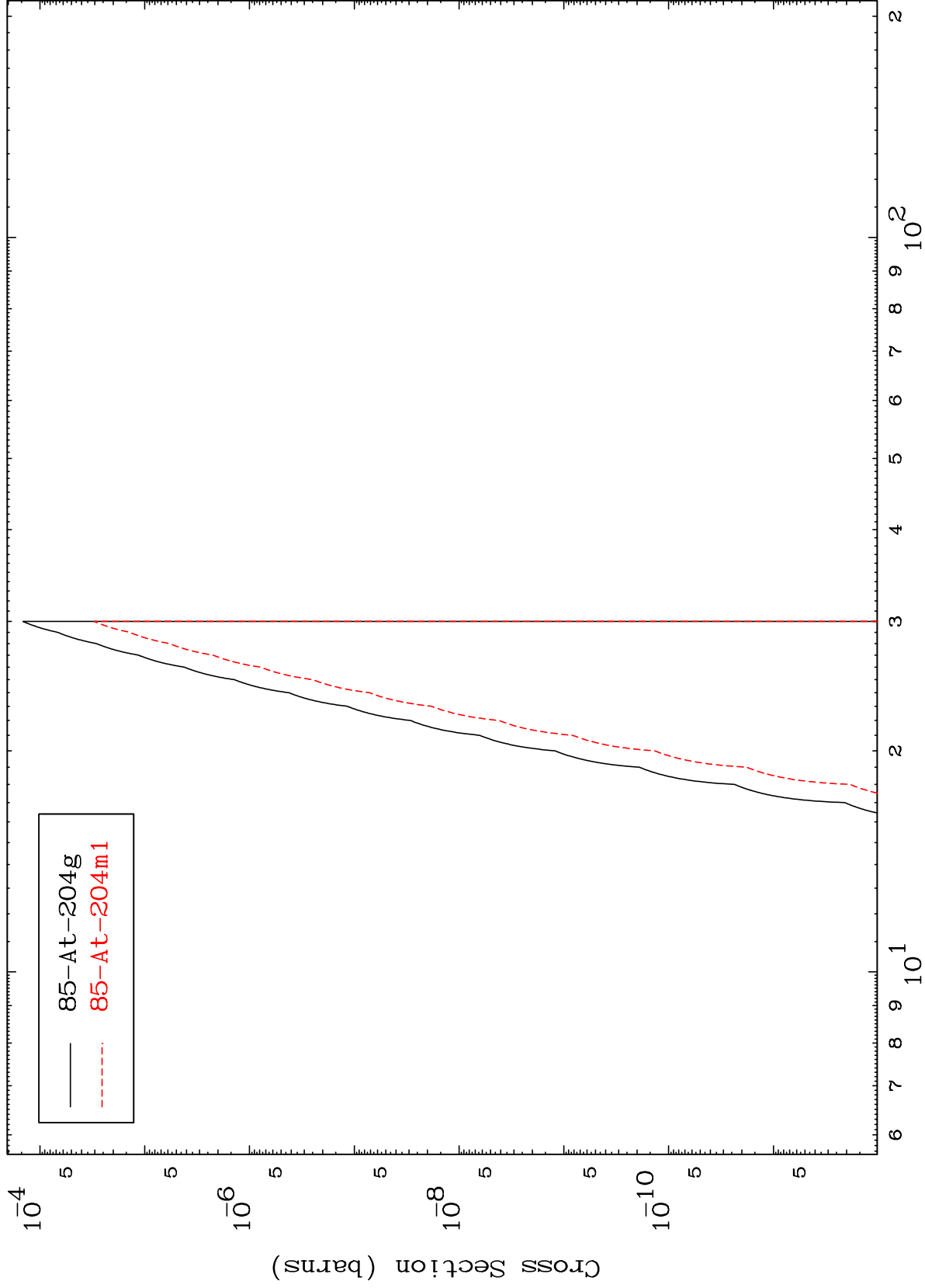
87-Fr-207

MAT 8710

(n,n') He-3

87-Fr-207

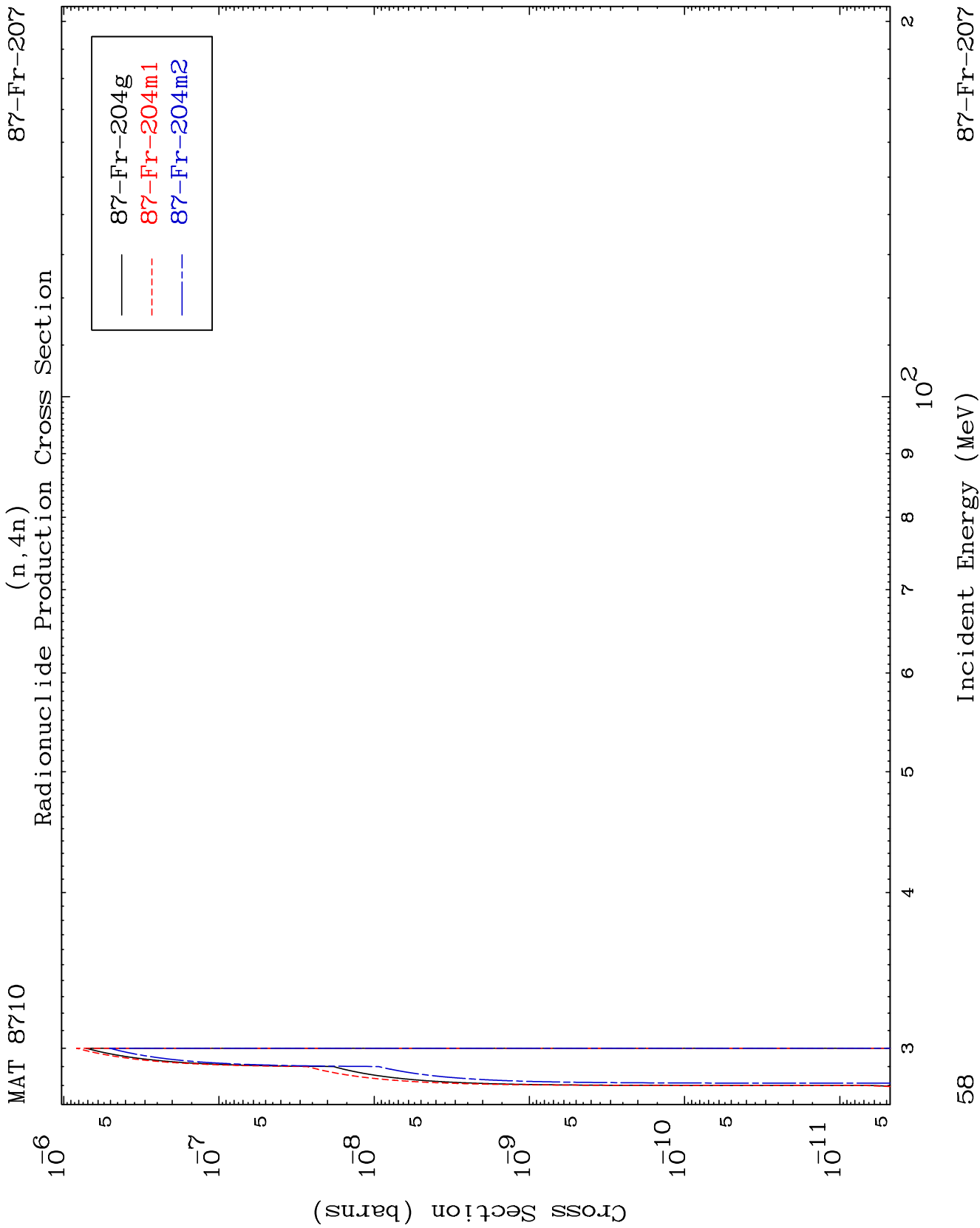
Radionuclide Production Cross Section



57

Incident Energy (MeV)

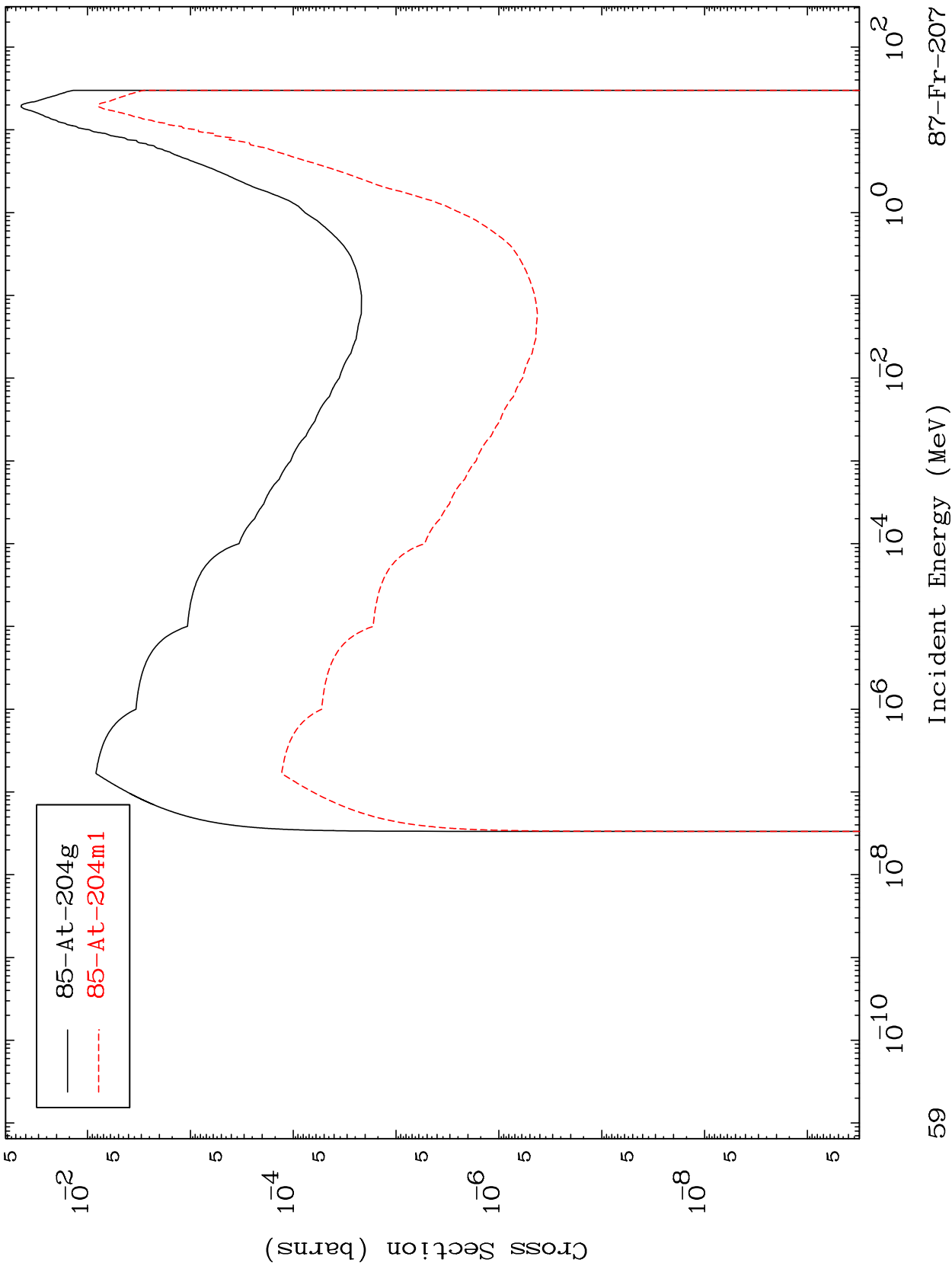
87-Fr-207



MAT 8710

87-Fr-207

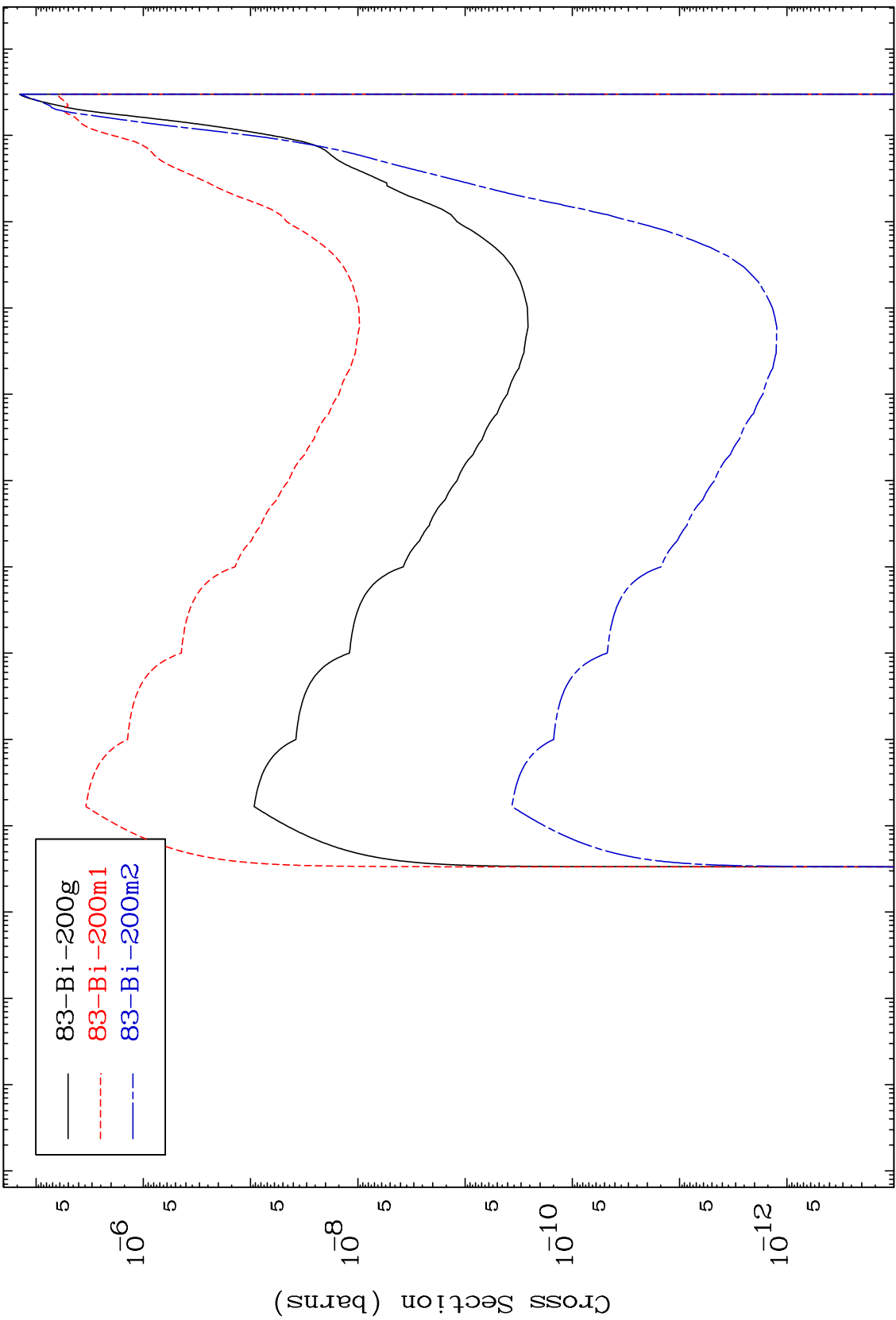
Radionuclide Production Cross Section
(n, α)



MAT 8710

87-Fr-207

Radionuclide Production Cross Section



83-Bi-200g
83-Bi-200m1
83-Bi-200m2

87-Fr-207

Incident Energy (MeV)

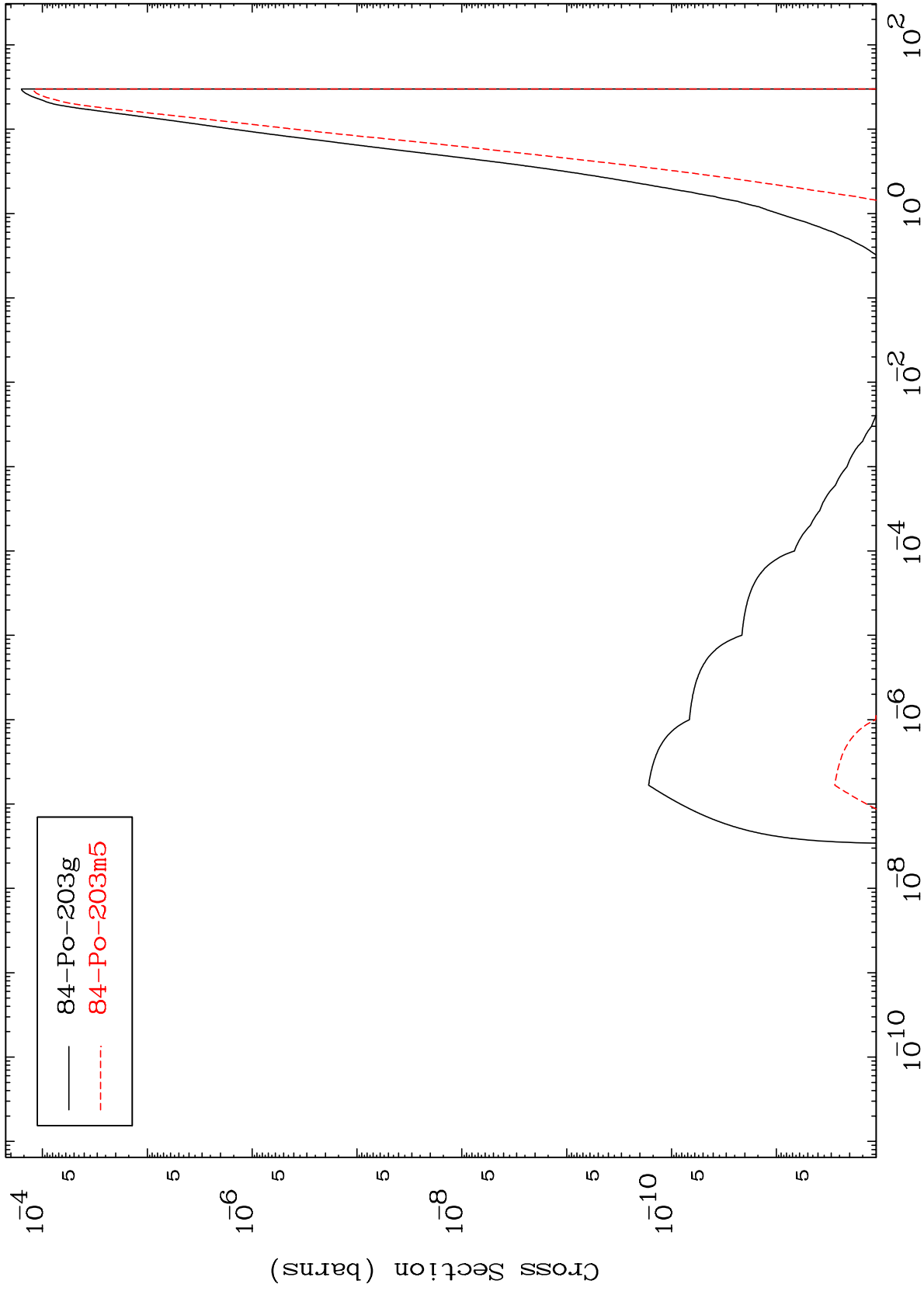
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MAT 8710

(n,p) α

87-Fr-207

Radionuclide Production Cross Section



61

Incident Energy (MeV)

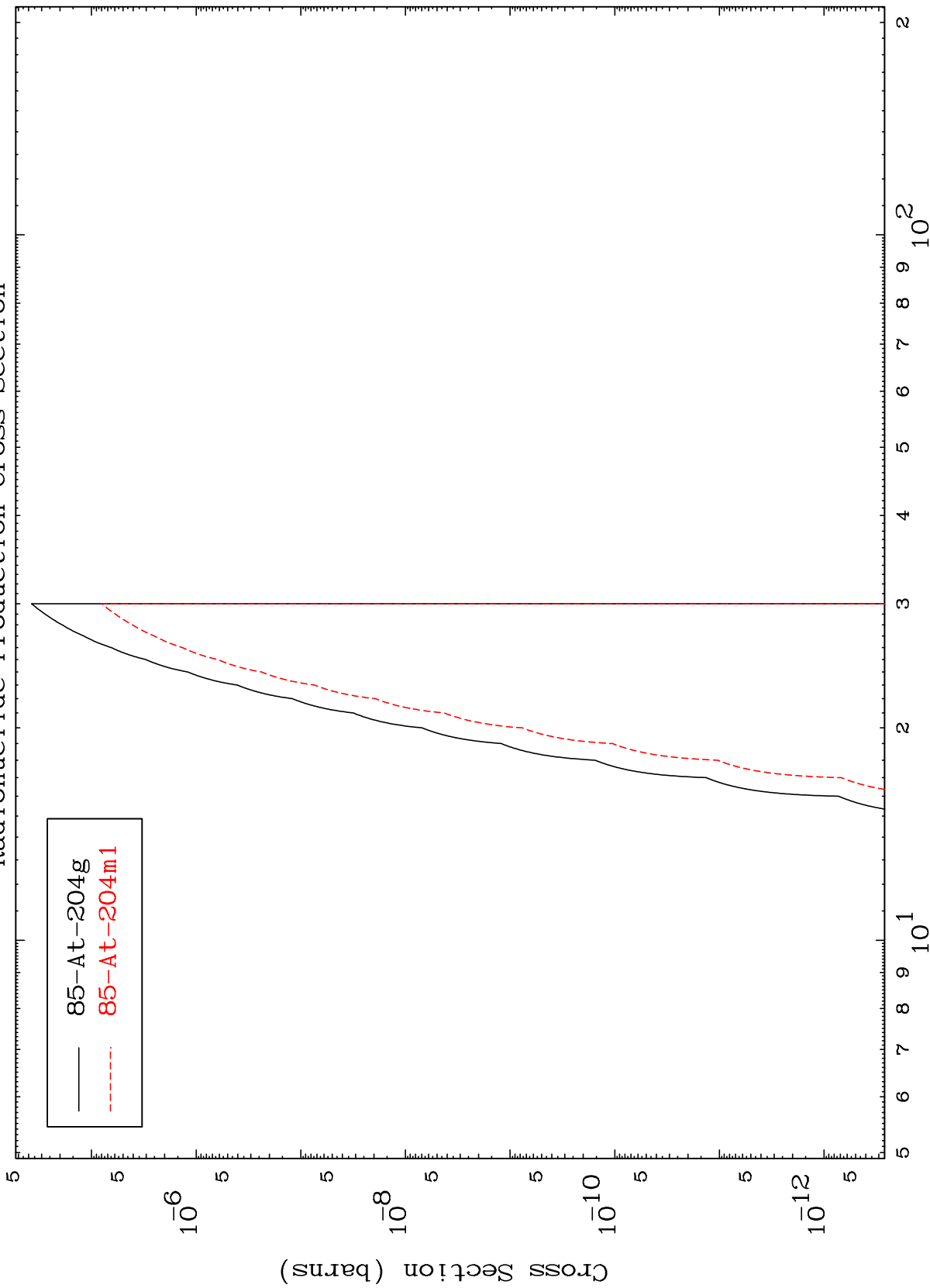
87-Fr-207

MAT 8710

(n,p) t

87-Fr-207

Radionuclide Production Cross Section



62

Incident Energy (MeV)

87-Fr-207