

Program EVALPLOT
(Version 2018-1)

by

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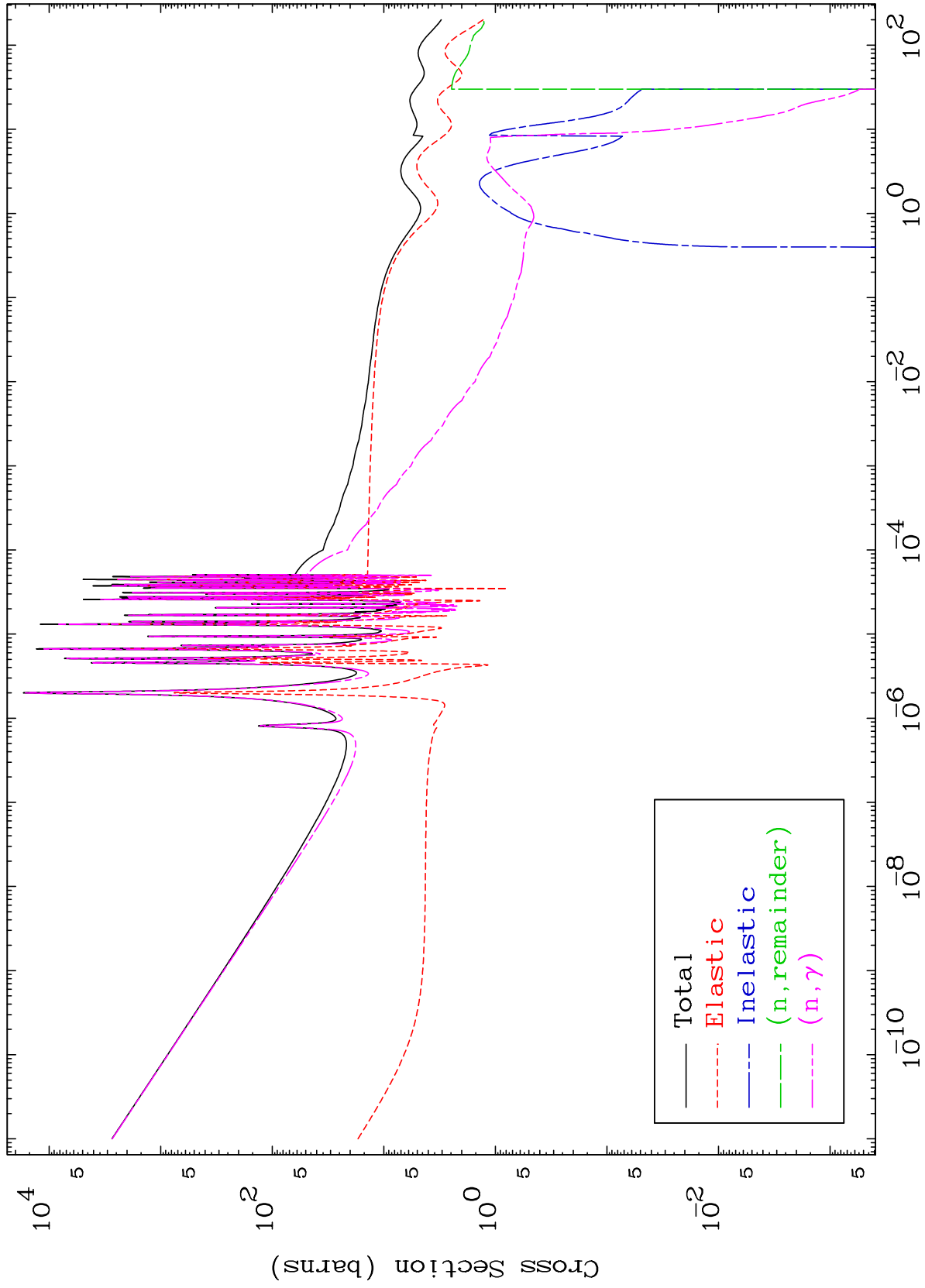
Press Mouse Button to Start

MAT 8722

Major

293 Kelvin Cross Sections

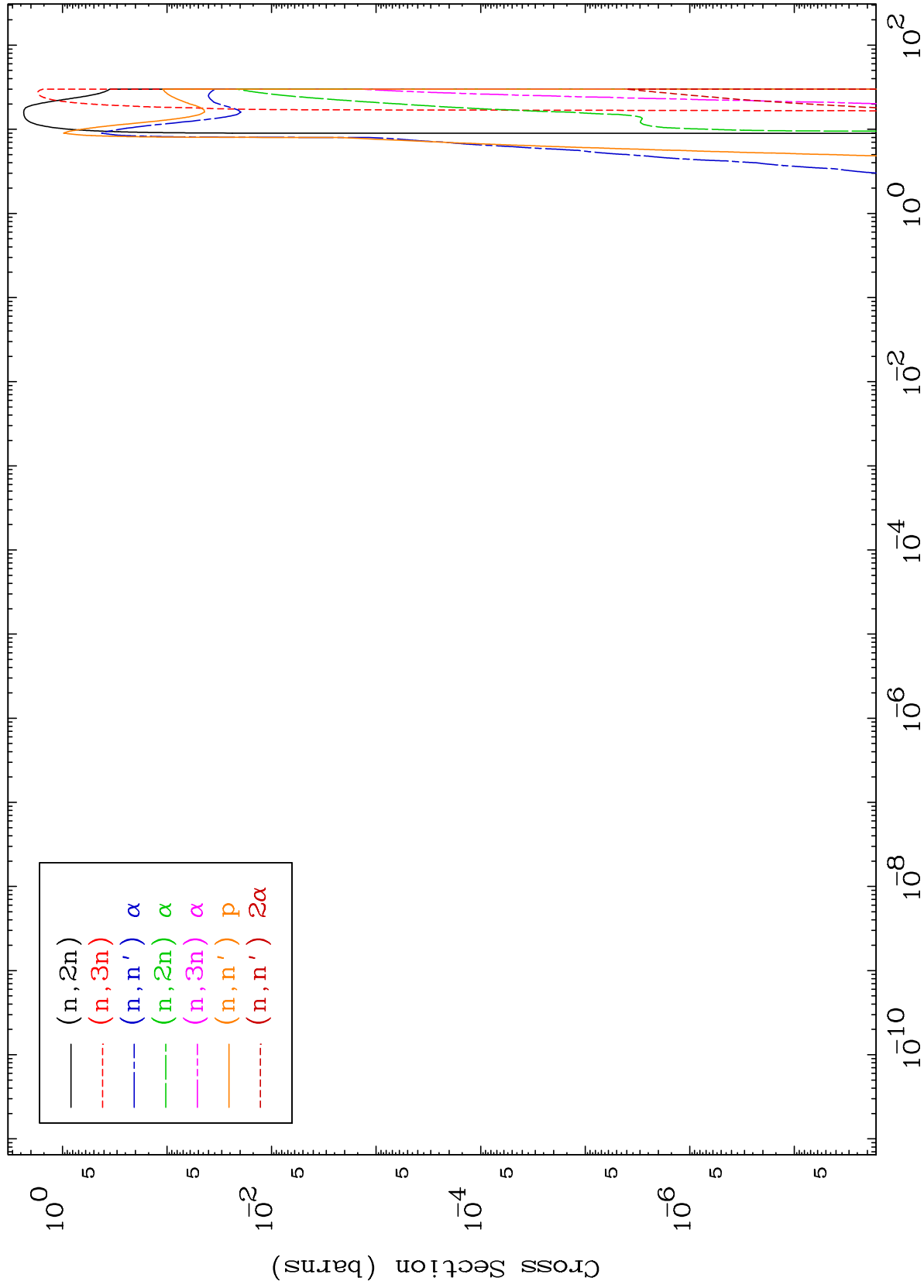
87-Fr-211



MAT 8722

Neutron Production
293 Kelvin Cross Sections

87-Fr-211



2

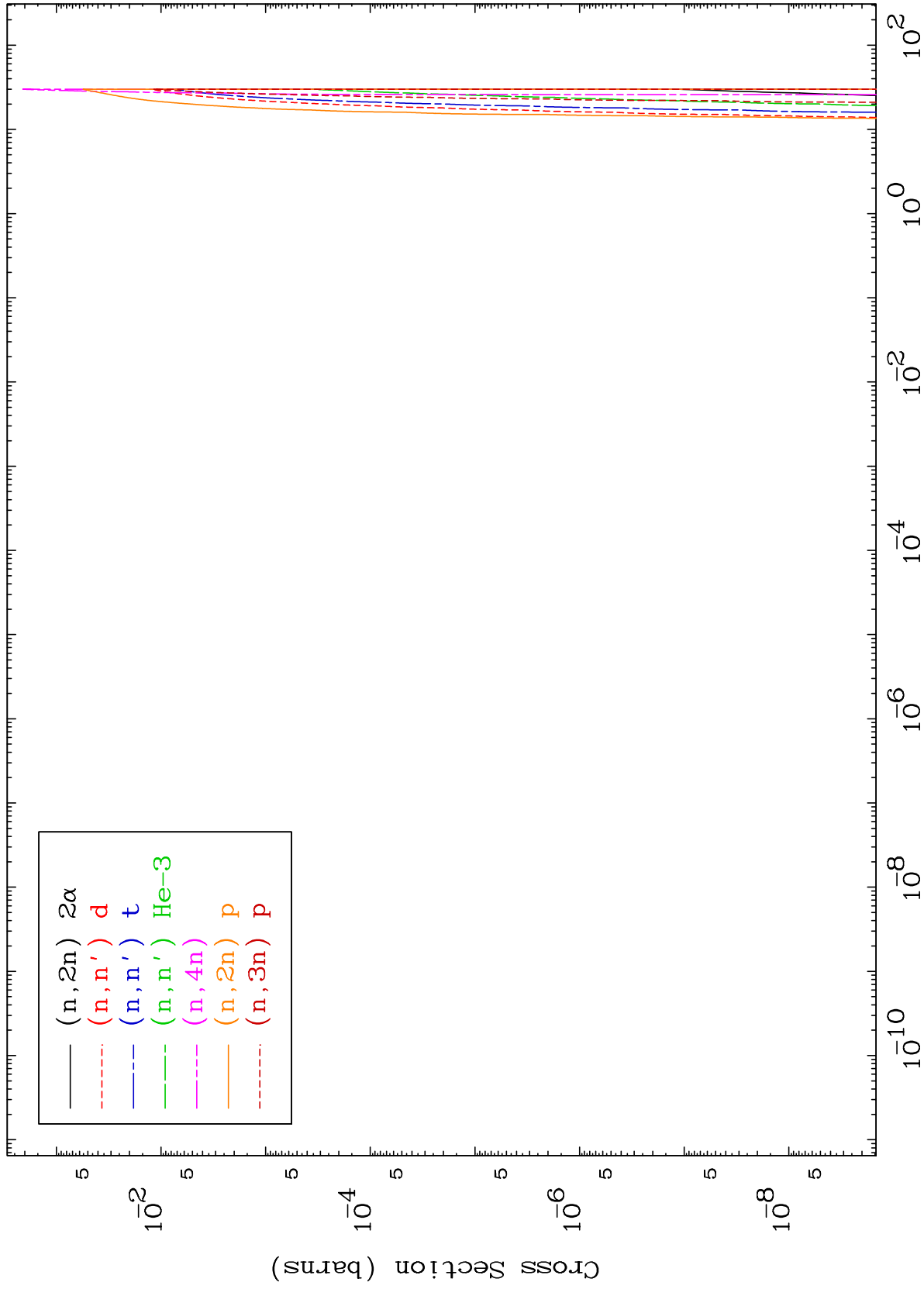
Incident Energy (MeV)

87-Fr-211

MAT 8722

Neutron Production
293 Kelvin Cross Sections

87-Fr-211



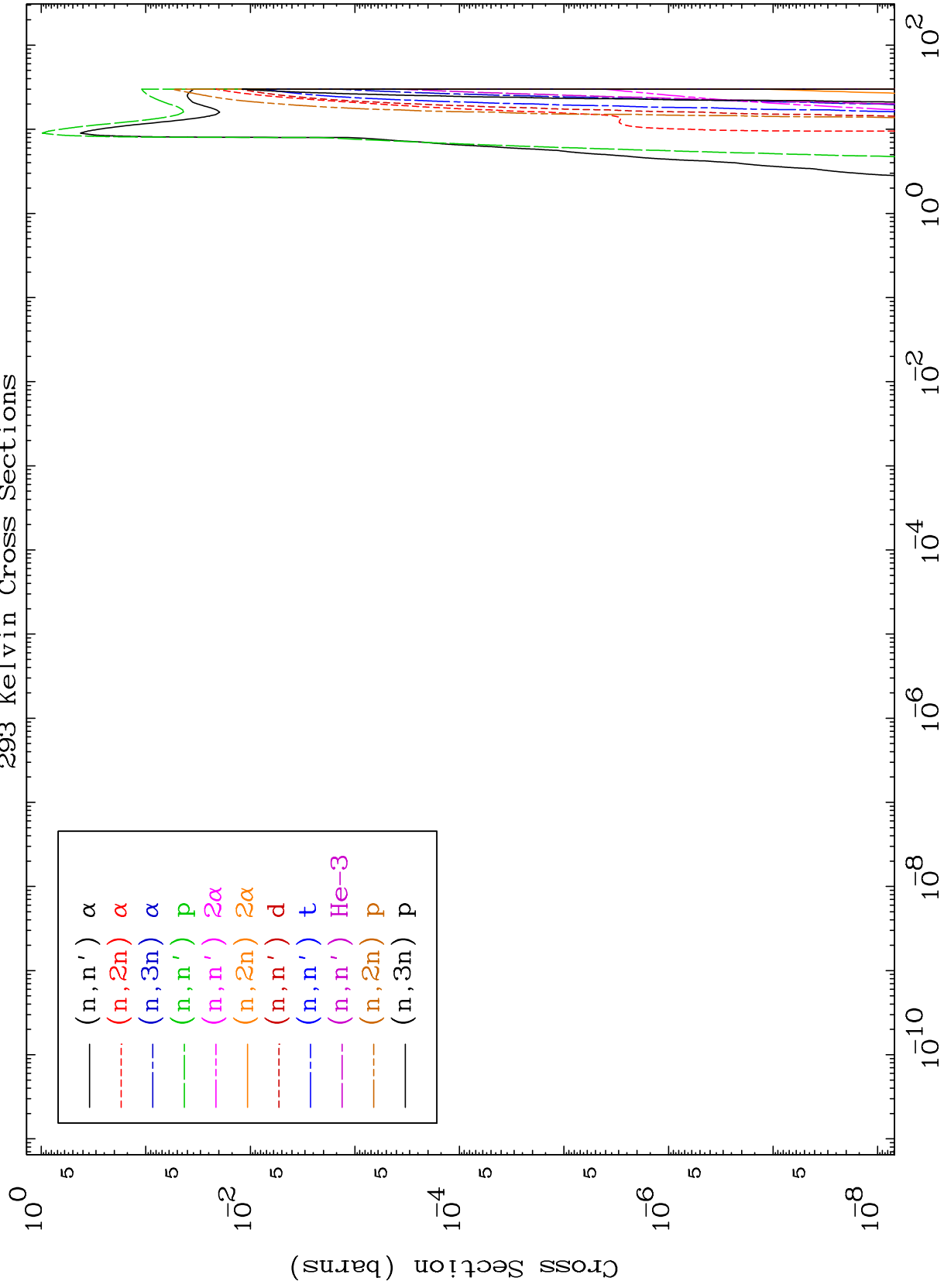
3

87-Fr-211

MAT 8722

Charged Particle
293 Kelvin Cross Sections

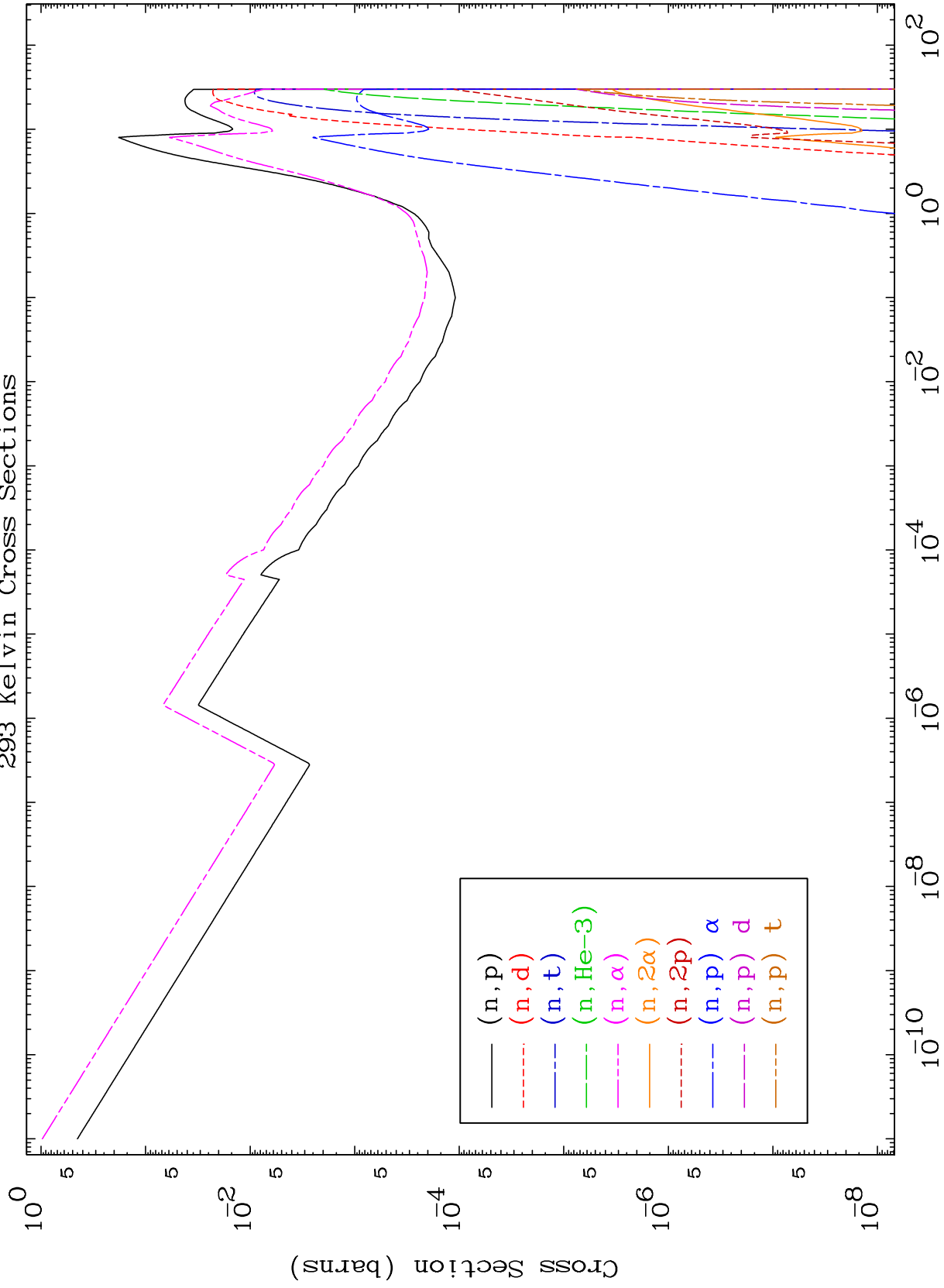
87-Fr-211



MAT 8722

Charged Particle
293 Kelvin Cross Sections

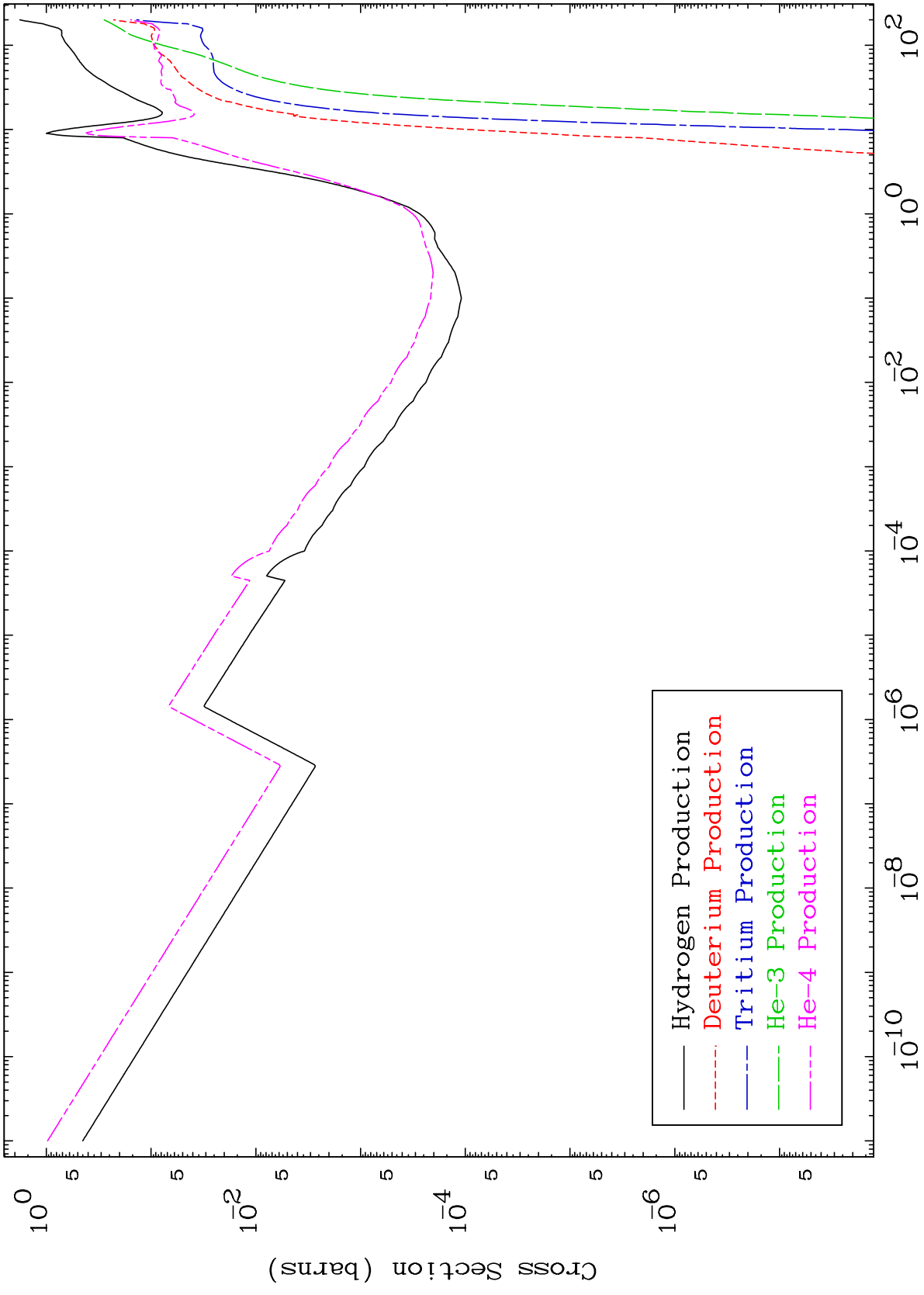
87-Fr-211



MAT 8722

Particle Production
293 Kelvin Cross Sections

87-Fr-211

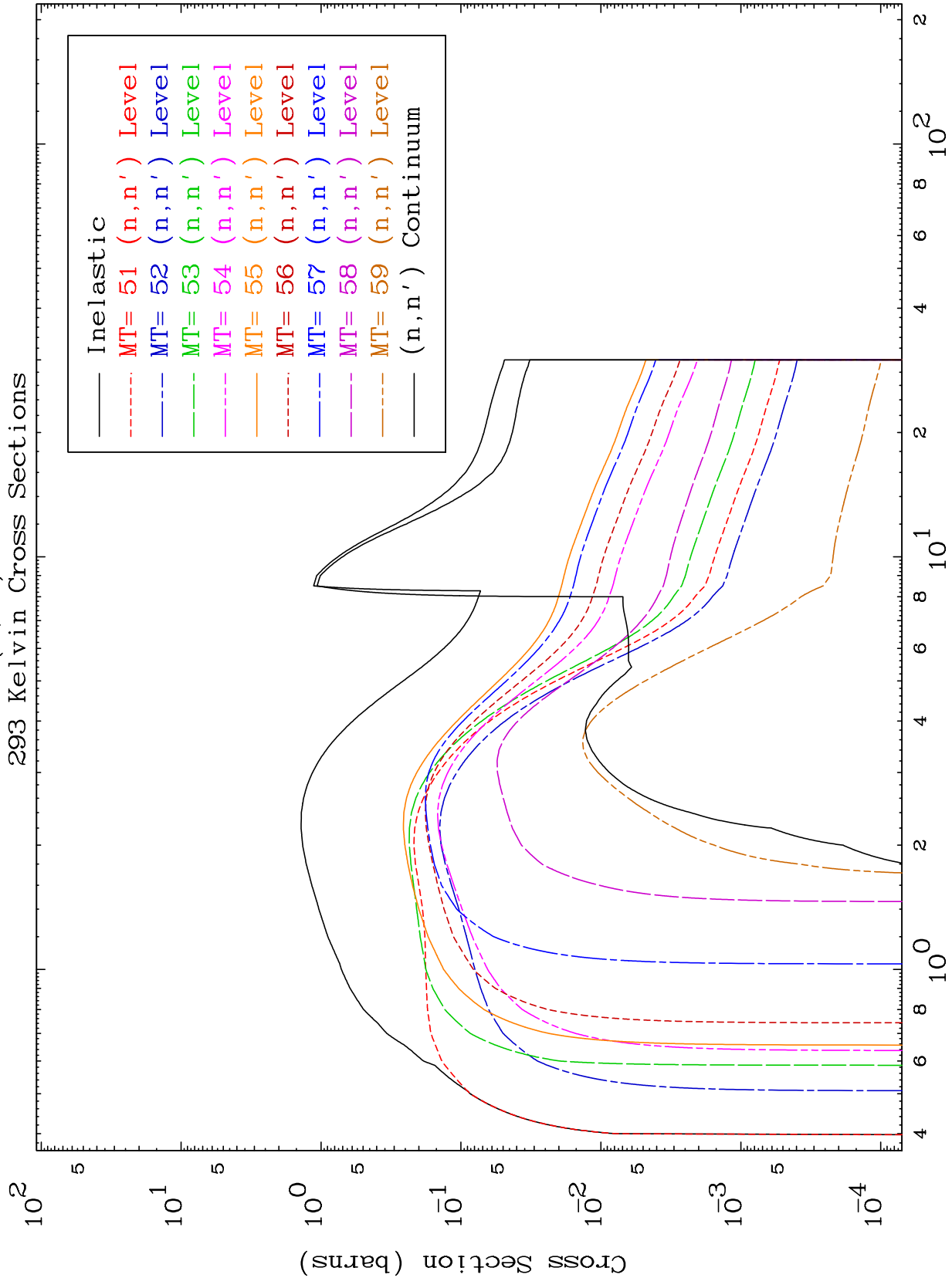


MAT 8722

(n,n') Level

87-Fr-211

293 Kelvin Cross Sections



7

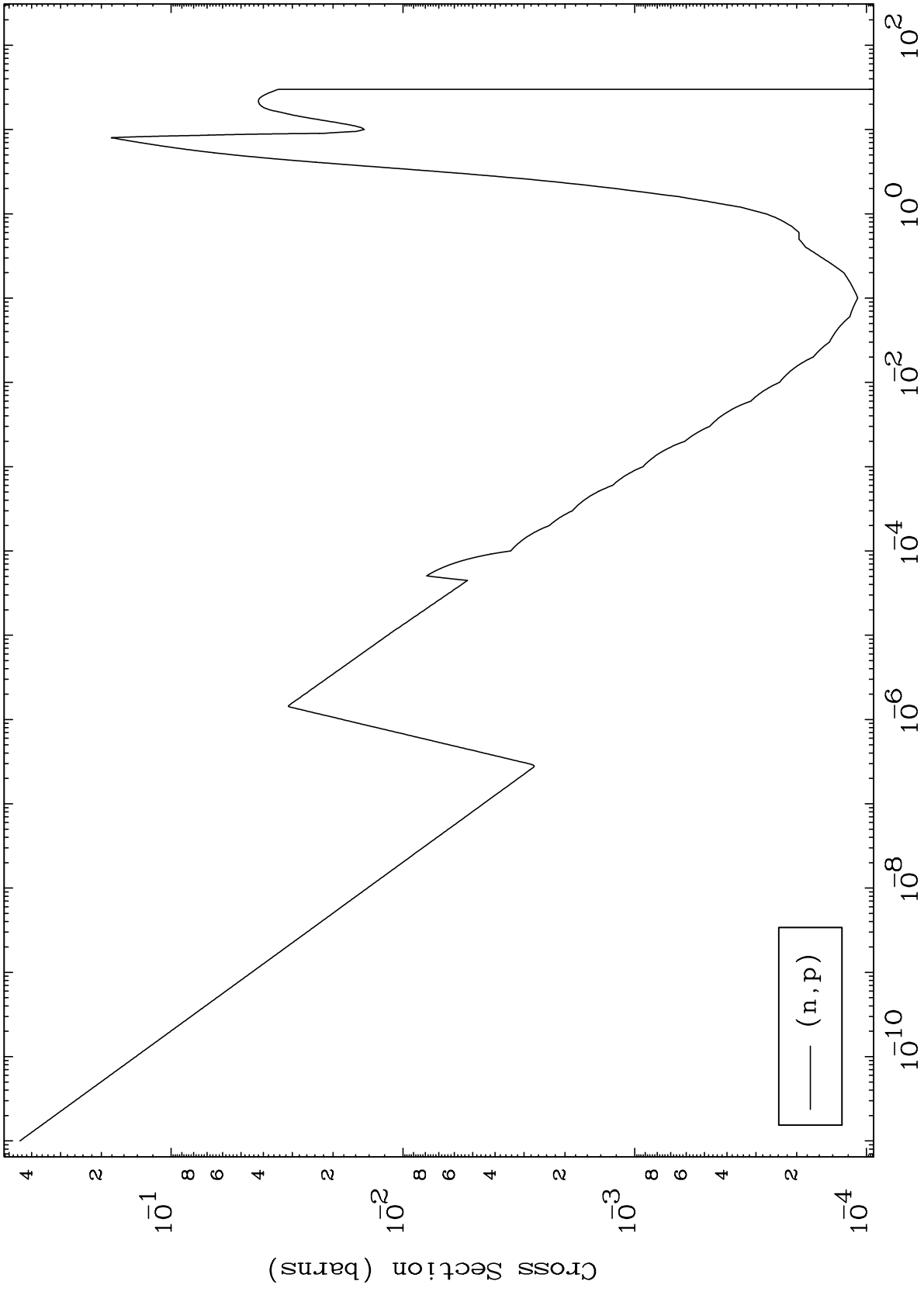
Incident Energy (MeV)

87-Fr-211

MAT 8722

(n,p) Levels
293 Kelvin Cross Sections

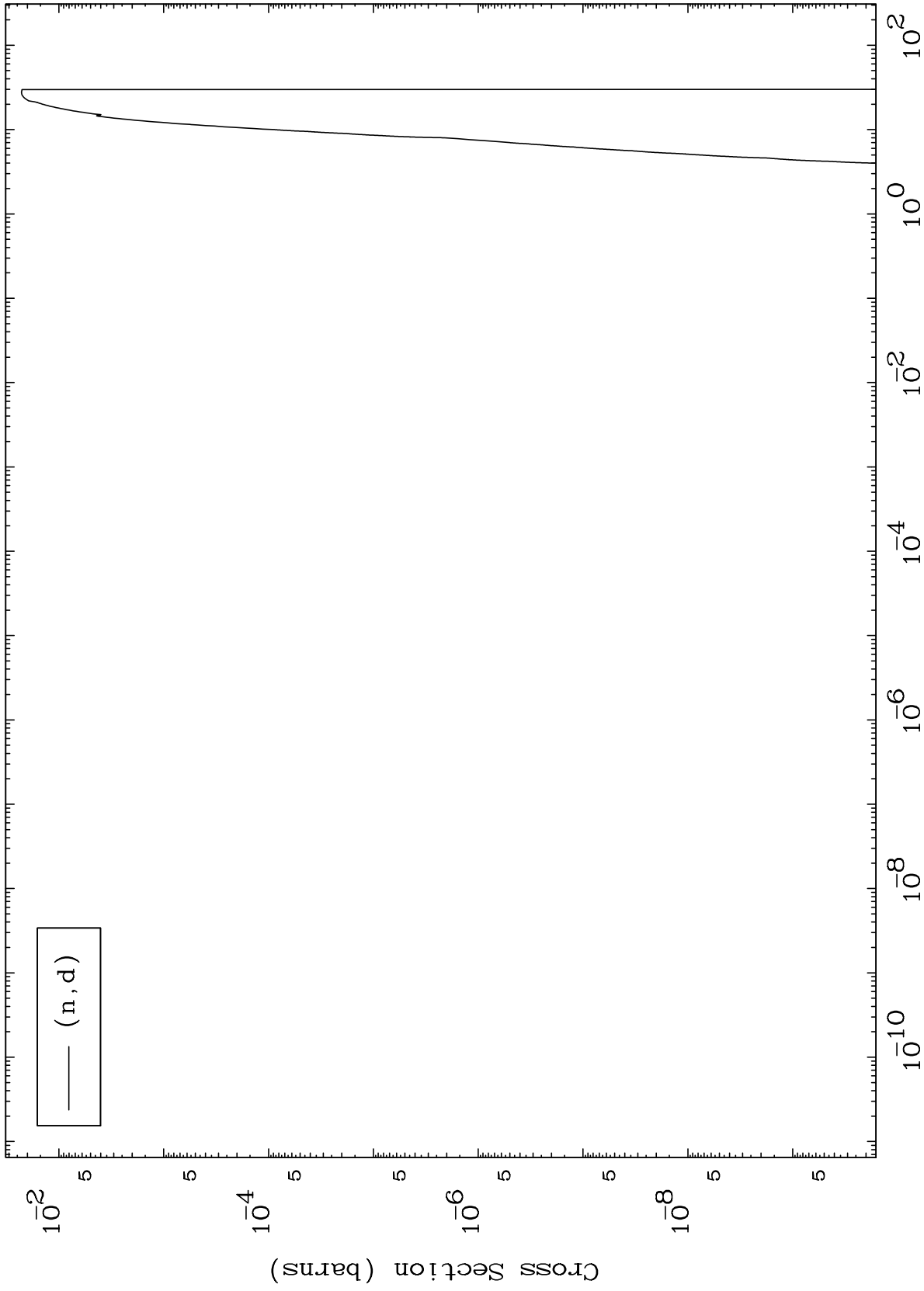
87-Fr-211



MAT 8722

(n,d) Levels
293 Kelvin Cross Sections

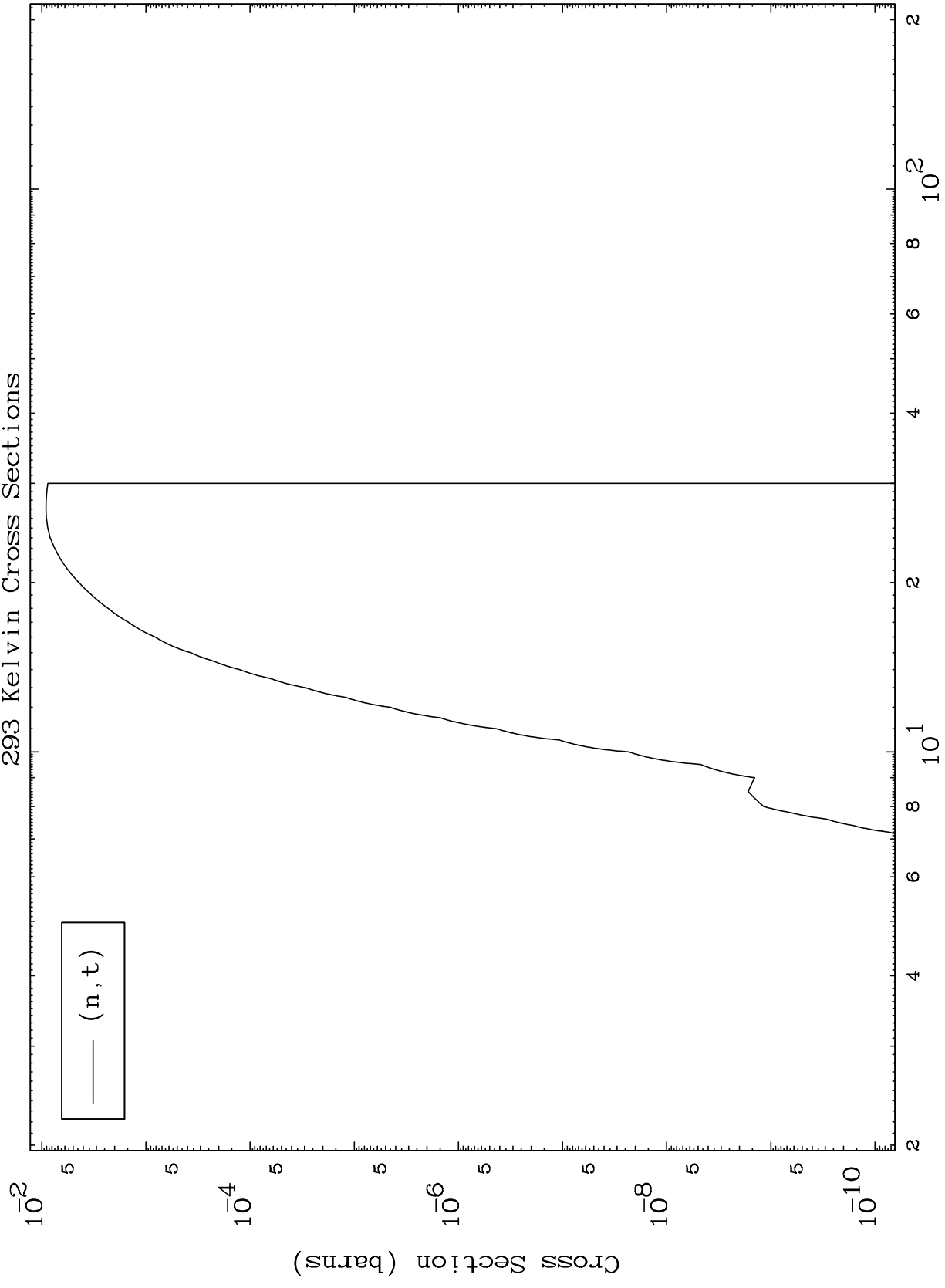
87-Fr-211



MAT 8722

(n,t) Levels
293 Kelvin Cross Sections

87-Fr-211



10

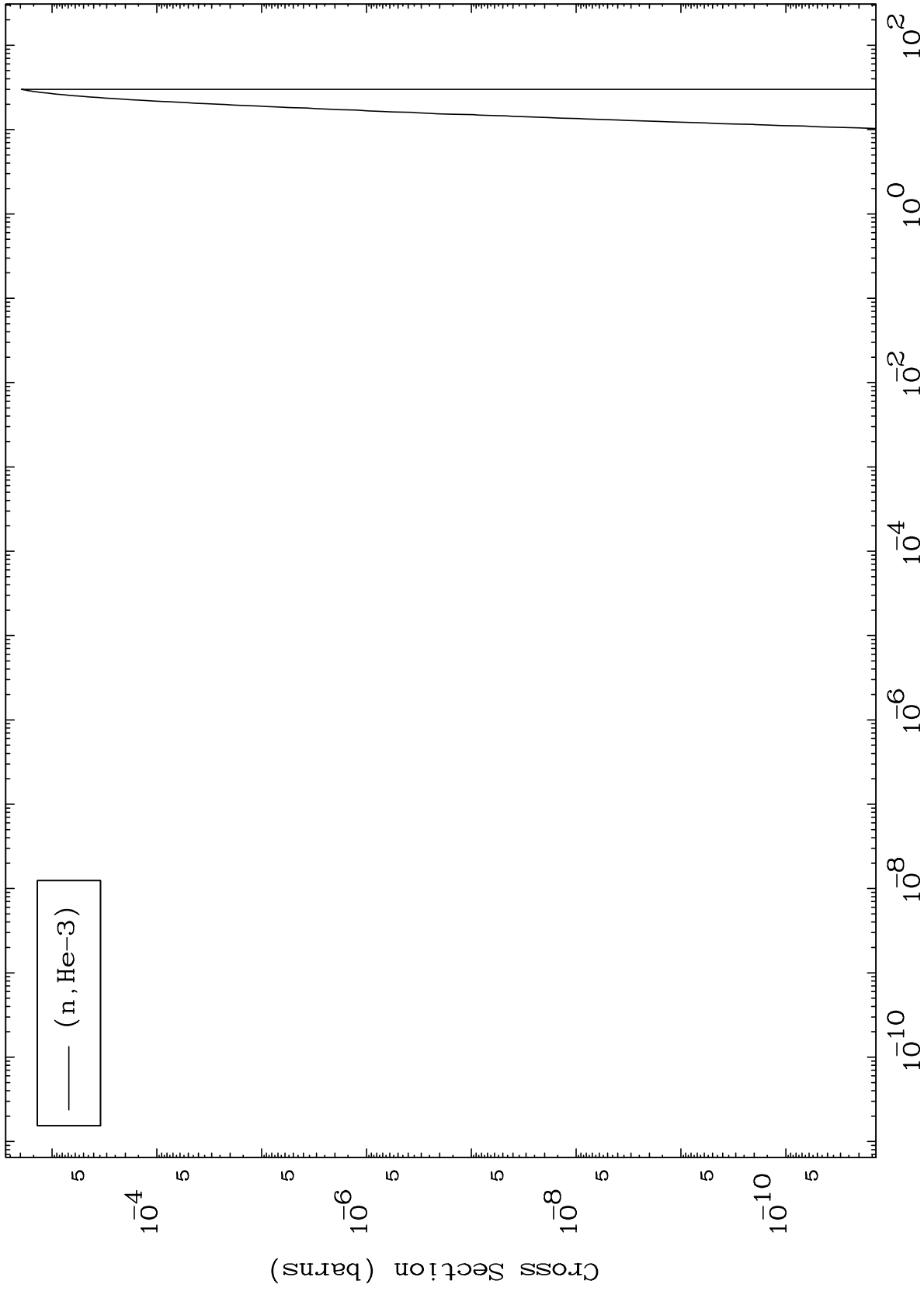
Incident Energy (MeV)

87-Fr-211

MAT 8722

(n,He3) Levels
293 Kelvin Cross Sections

87-Fr-211



11

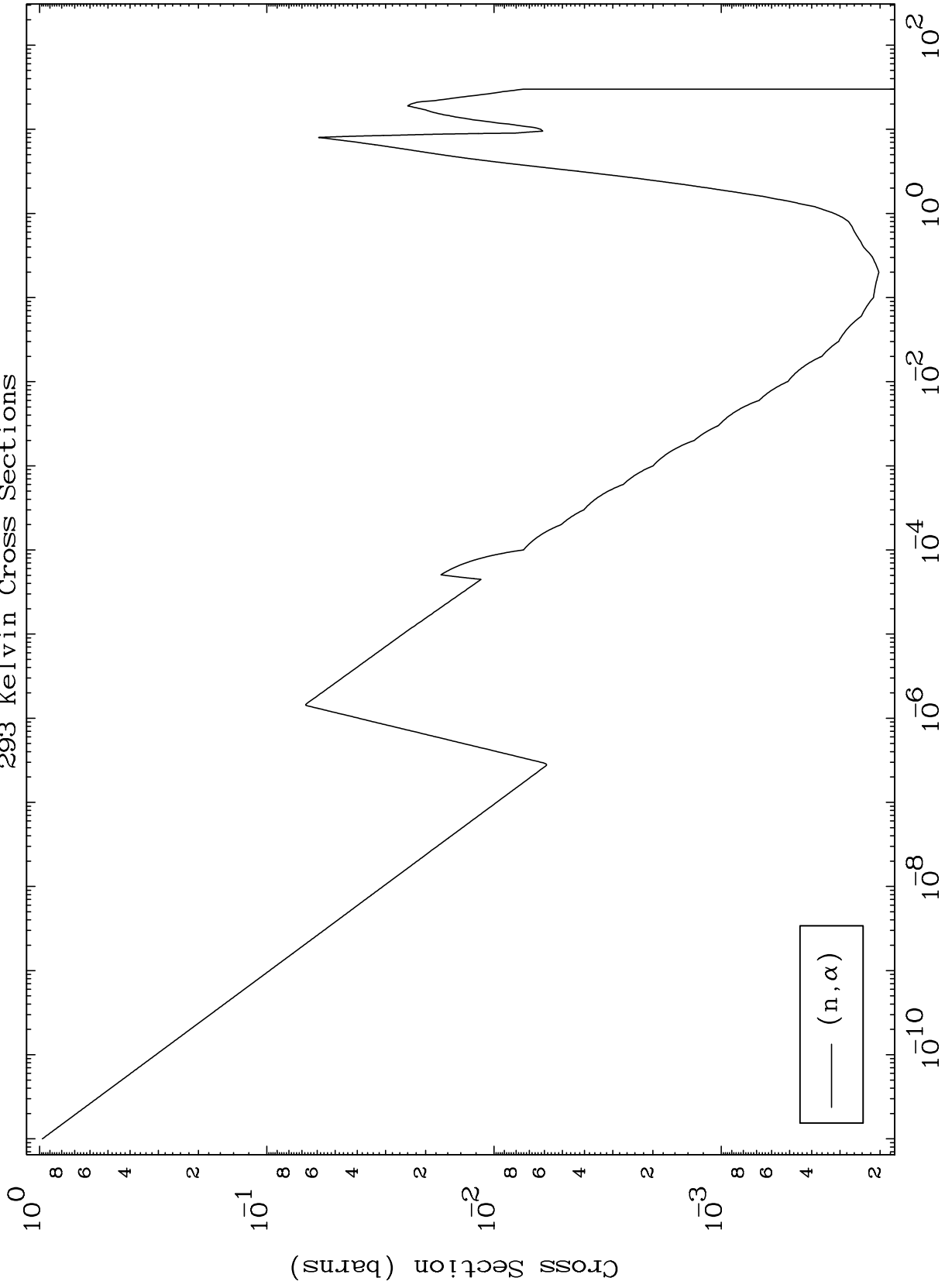
Incident Energy (MeV)

87-Fr-211

MAT 8722

(n, α) Levels
293 Kelvin Cross Sections

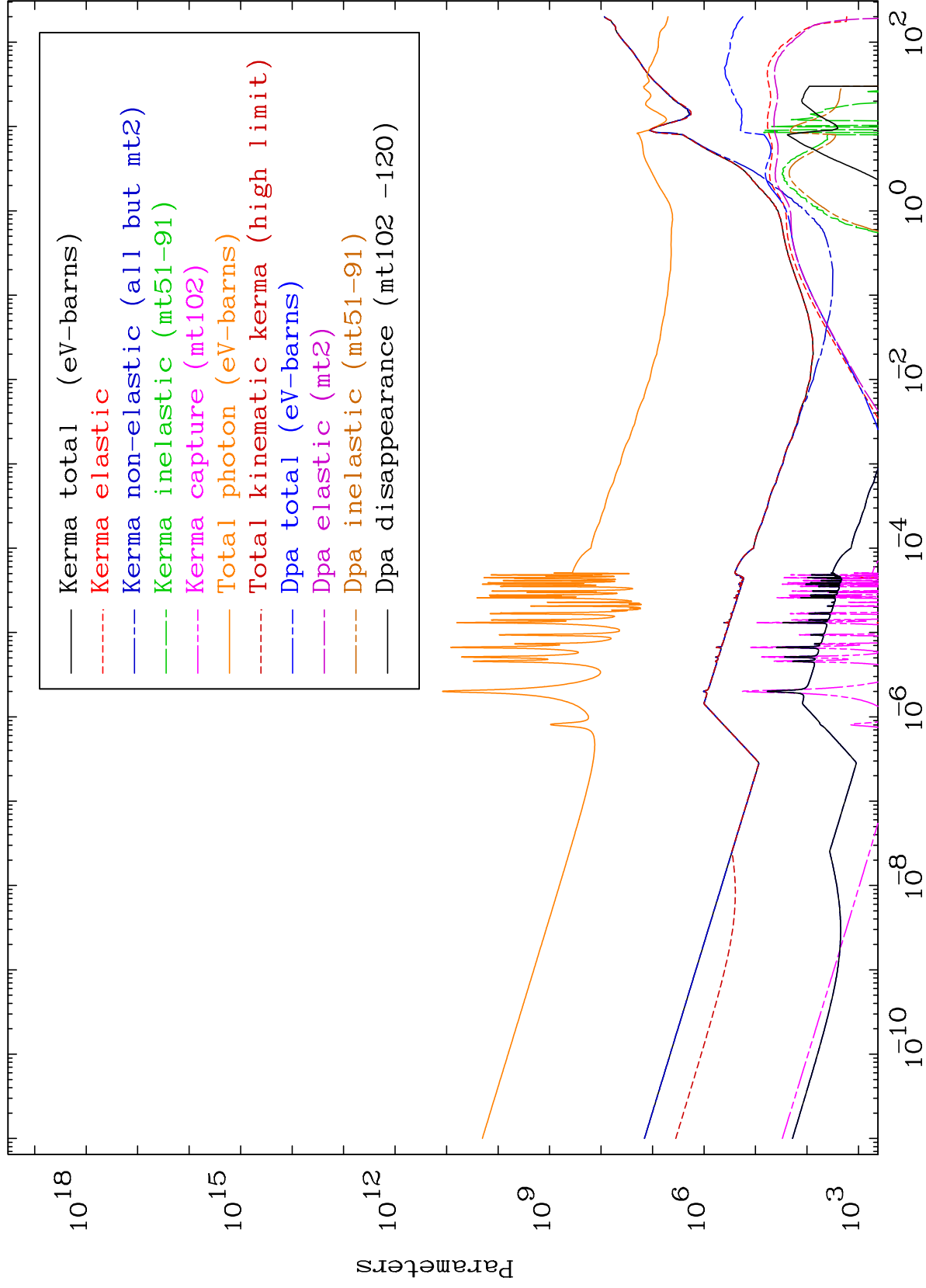
87-Fr-211



12

Incident Energy (MeV)

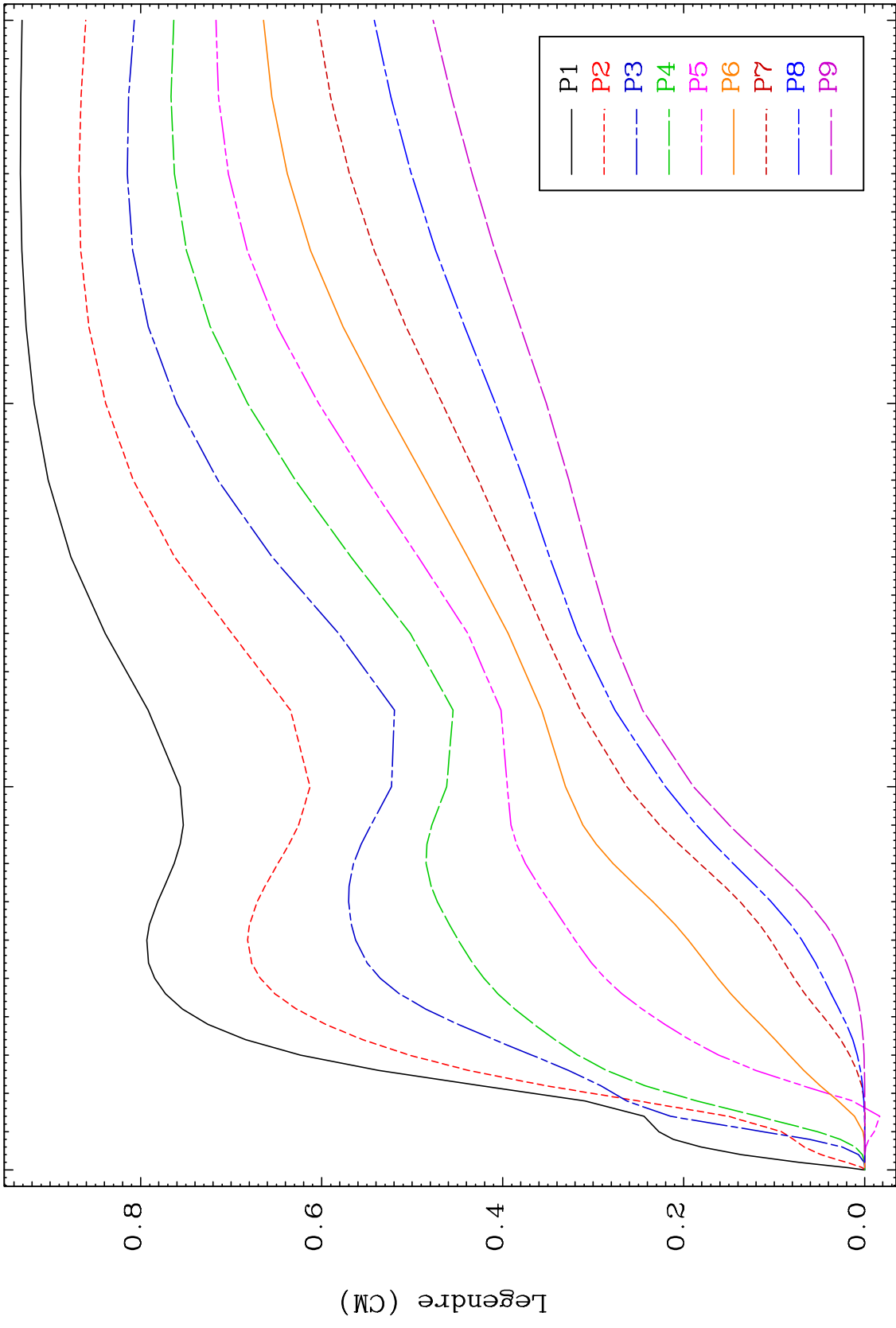
87-Fr-211



MAT 8722

Elastic Legendre Coefficients

87-Fr-211



14

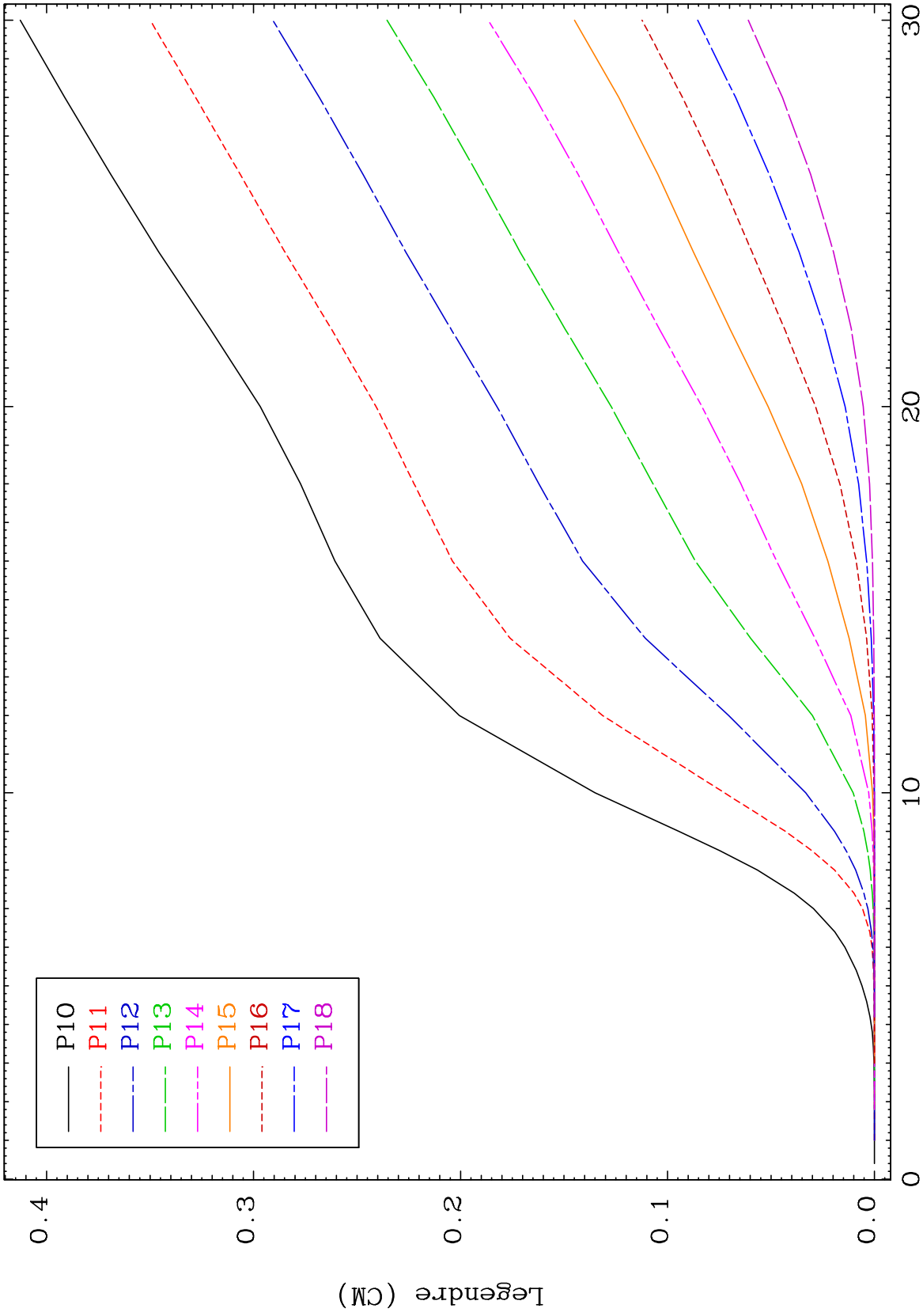
Incident Energy (MeV)

87-Fr-211

MAT 8722

Elastic Legendre Coefficients

87-Fr-211



15

10

20

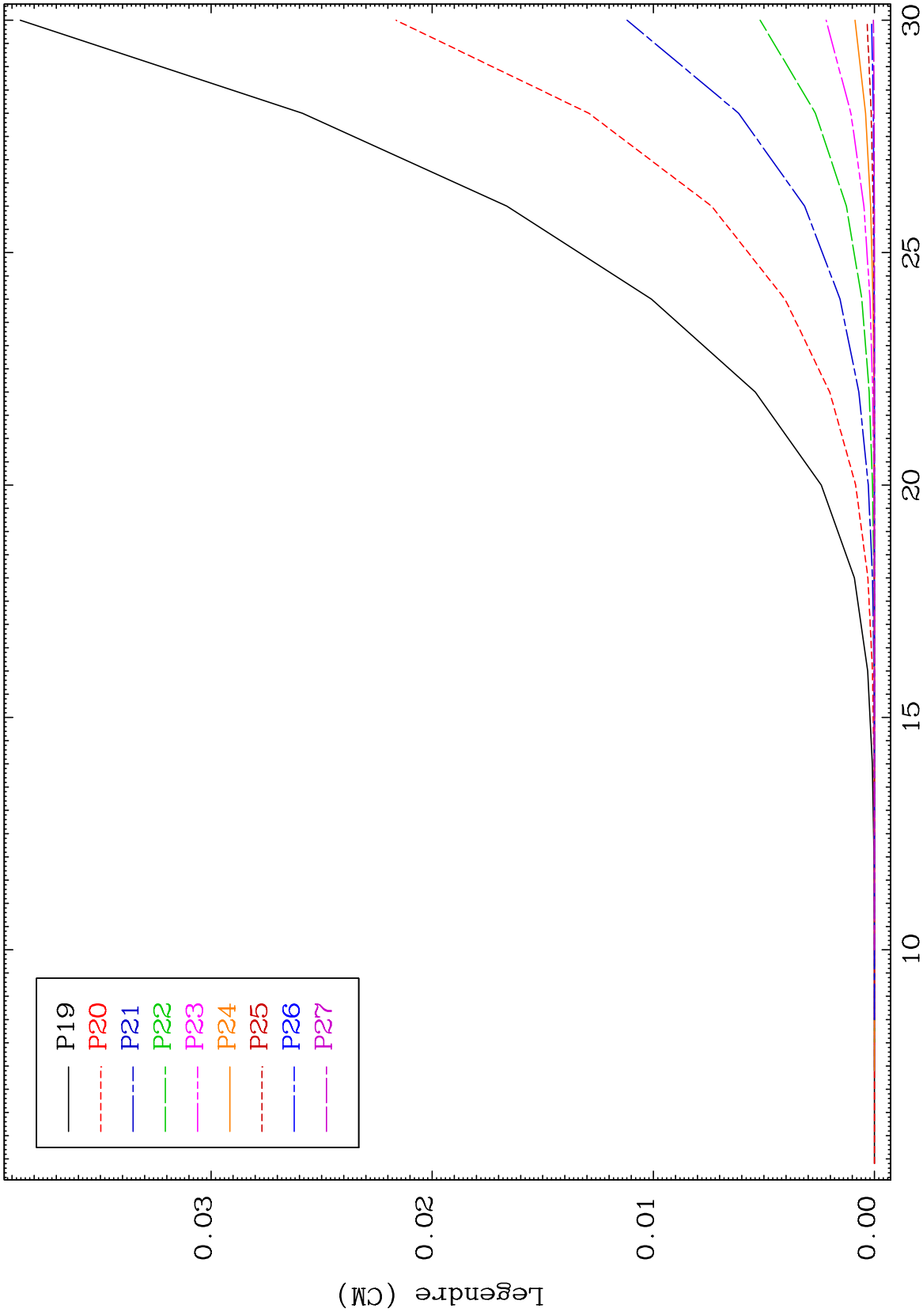
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87-Fr-211

MAT 8722

Elastic Legendre Coefficients

87-Fr-211



16

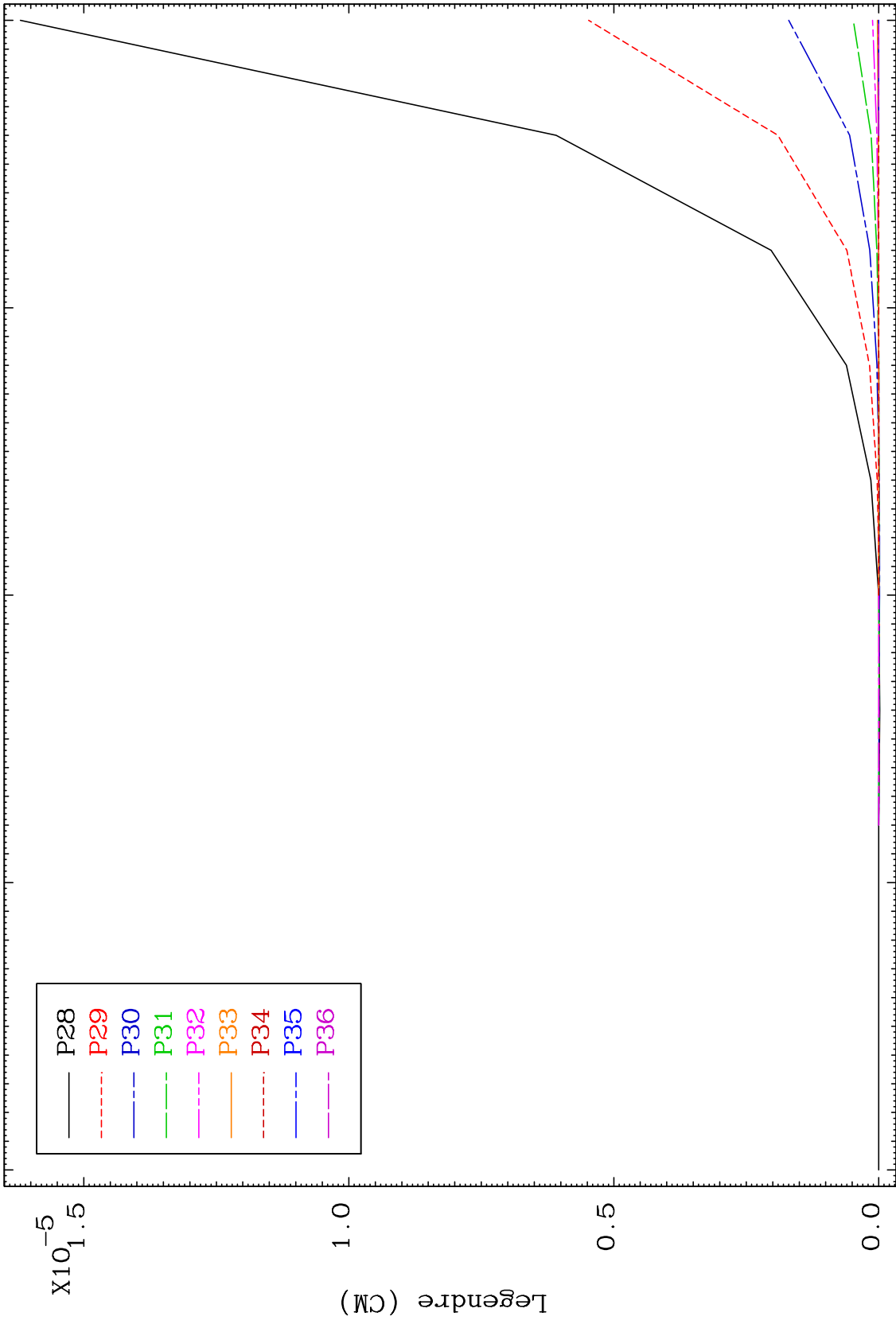
Incident Energy (MeV)

87-Fr-211

MAT 8722

Elastic Legendre Coefficients

87-Fr-211



17

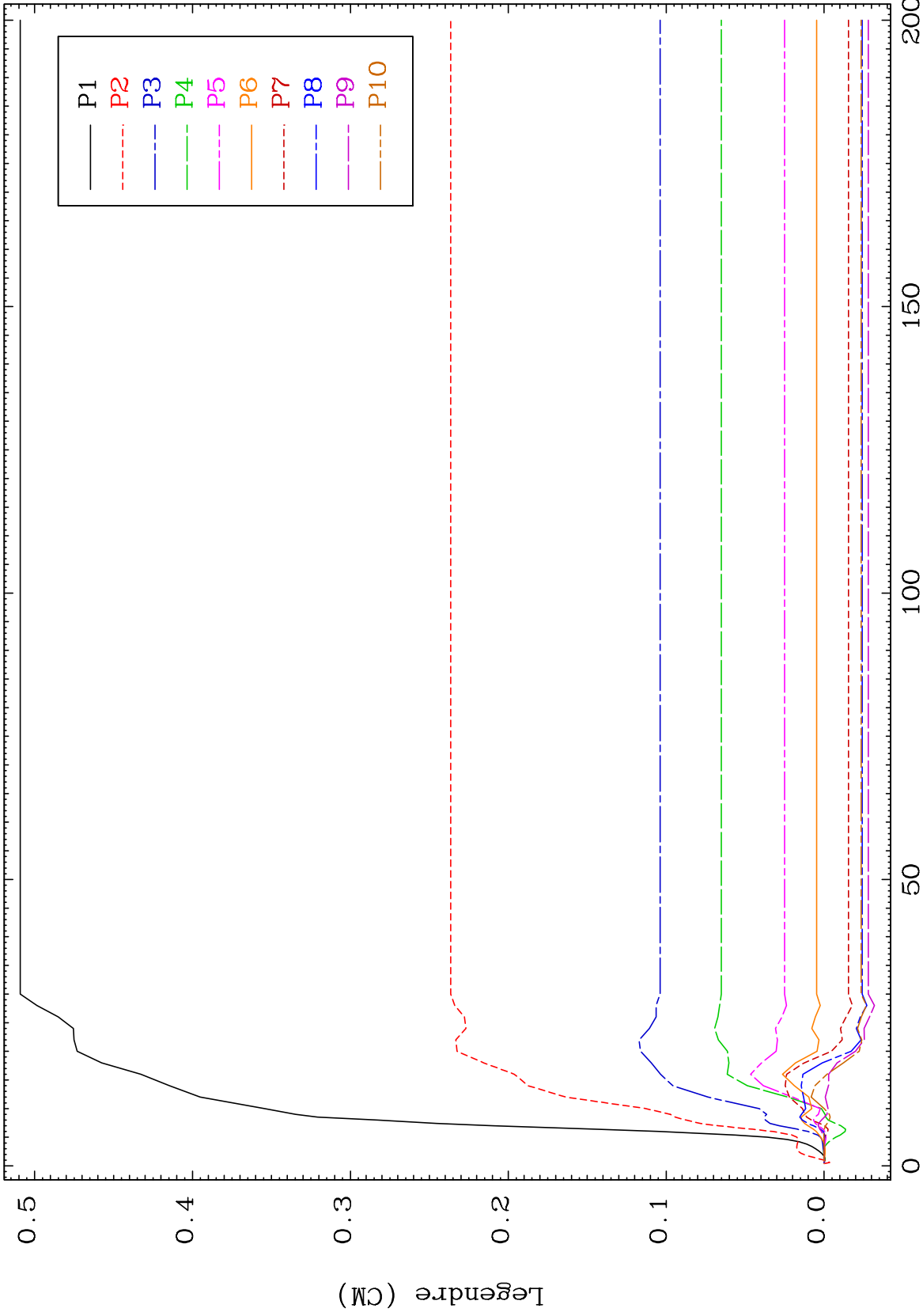
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



18

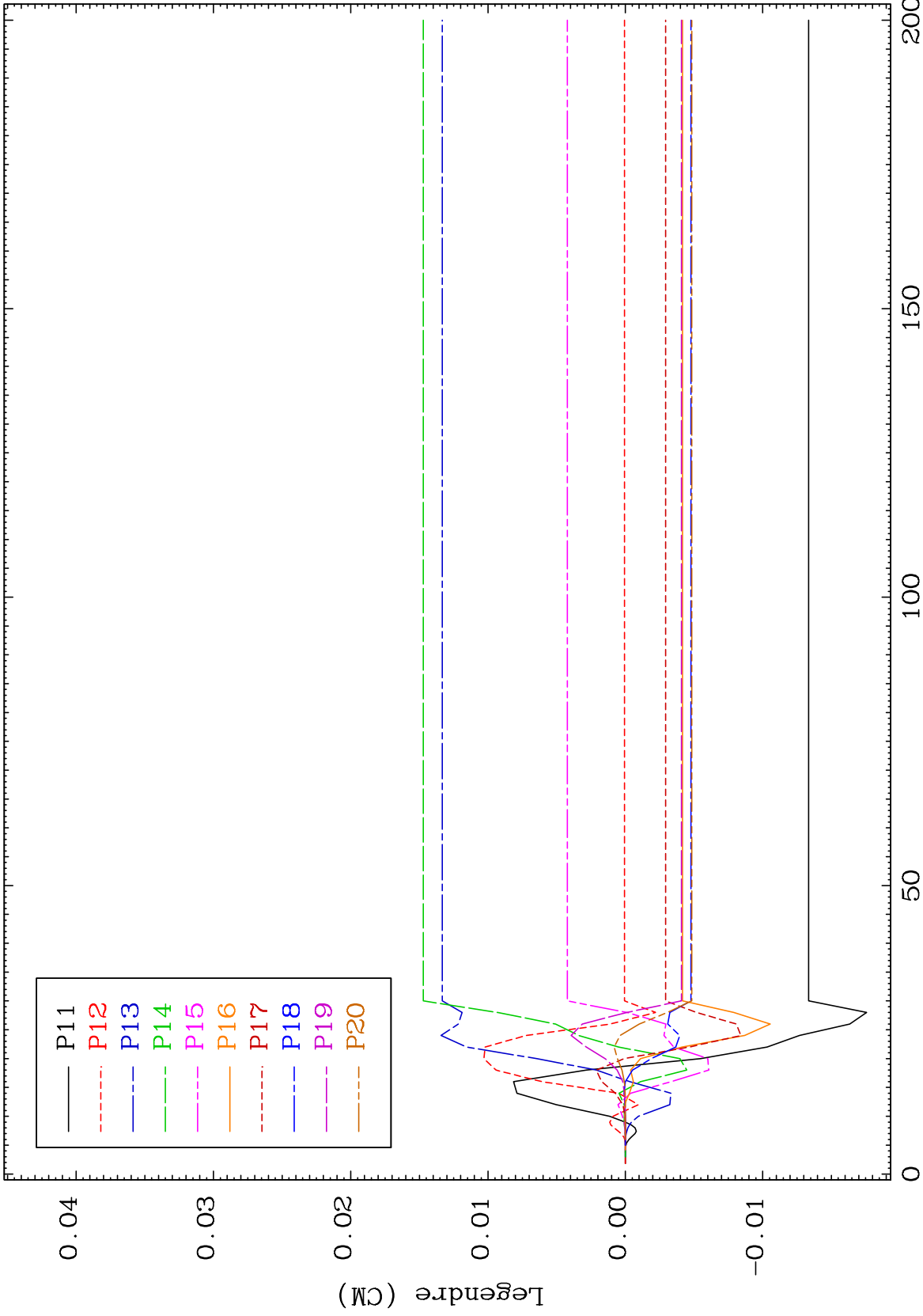
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



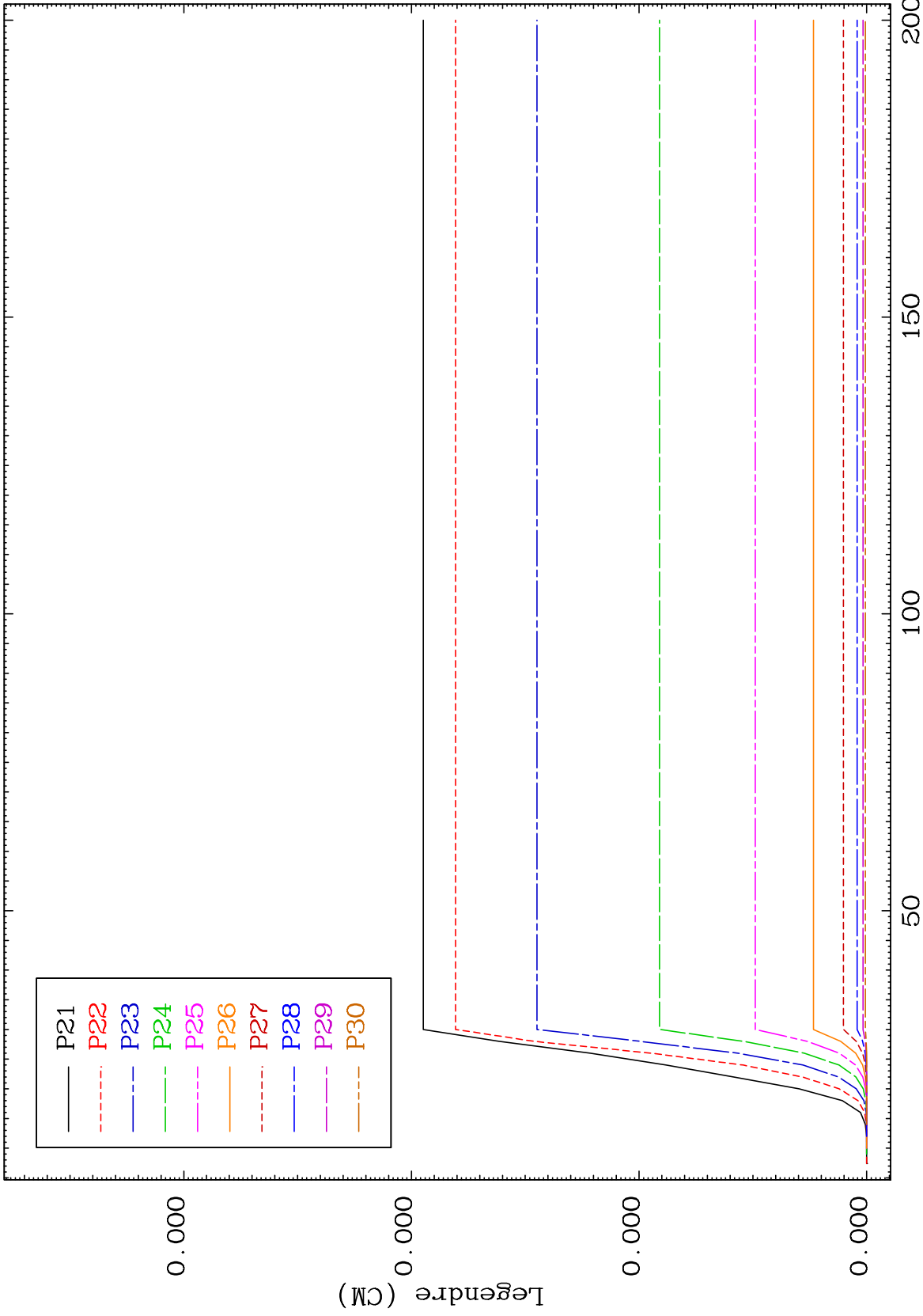
19

87-Fr-211

MAT 8722

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

87-Fr-211



20

Incident Energy (MeV)

50

100

150

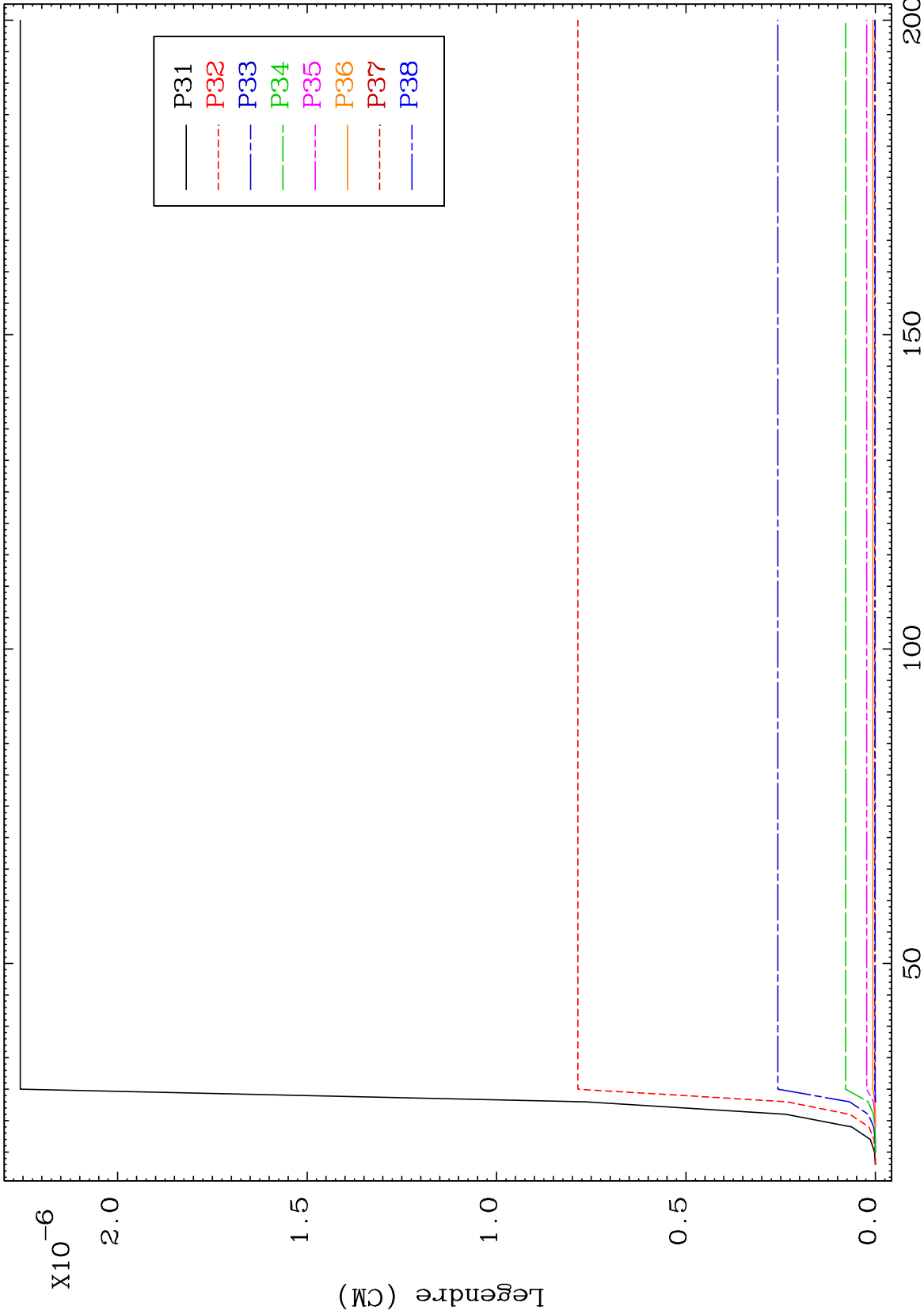
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87-Fr-211

MAT 8722

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

87-Fr-211



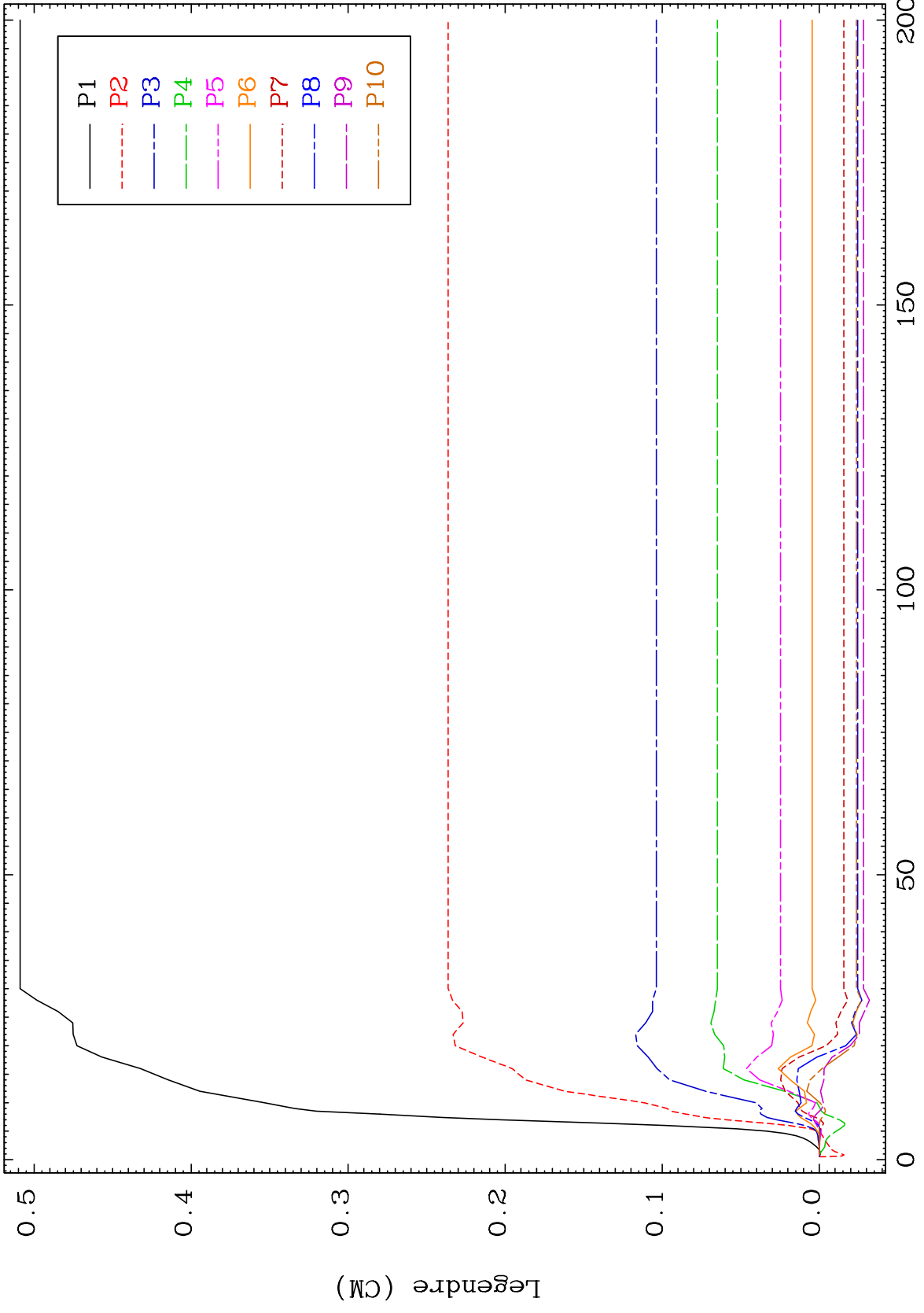
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87-Fr-211

MAT 8722

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

87-Fr-211



22

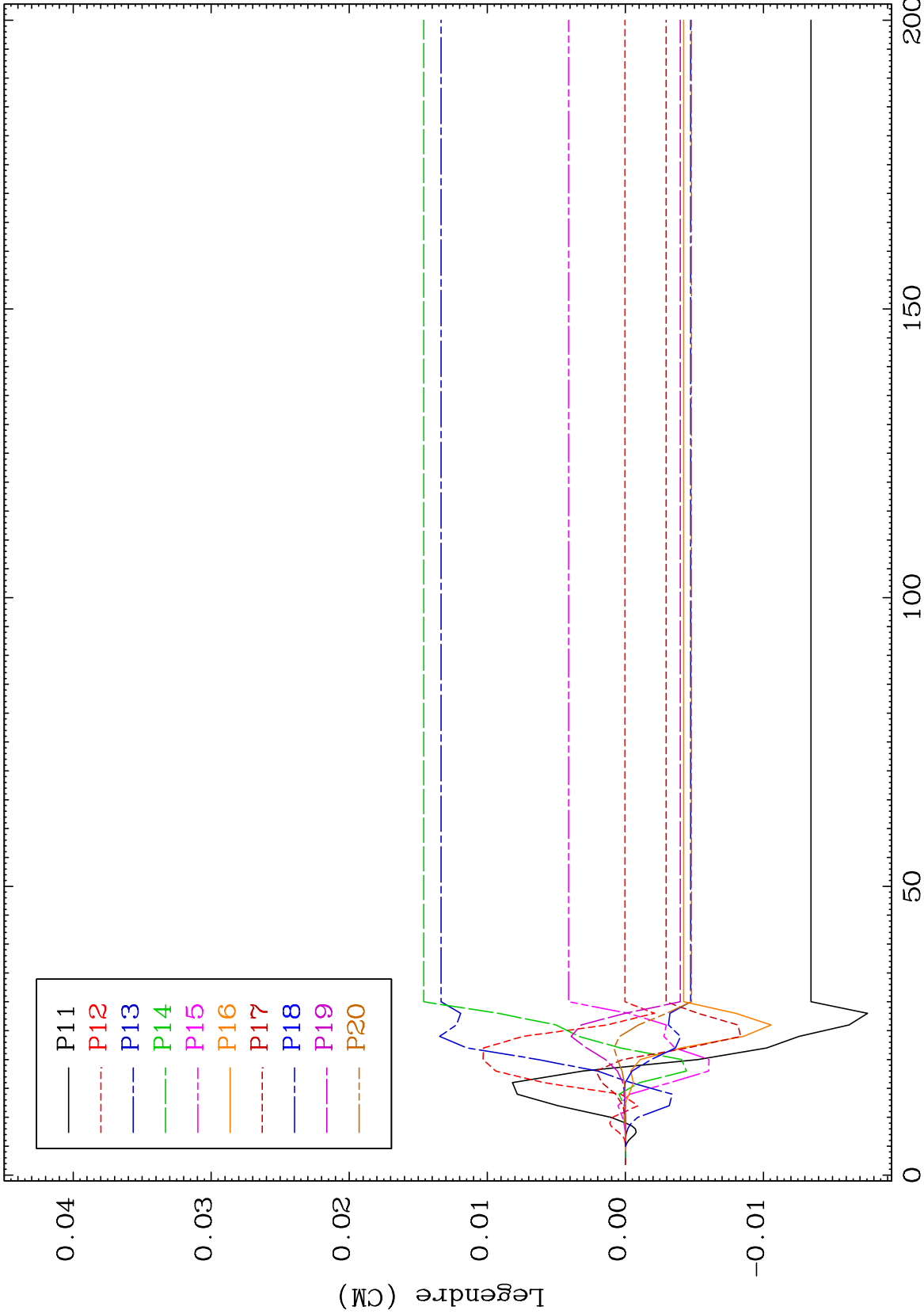
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



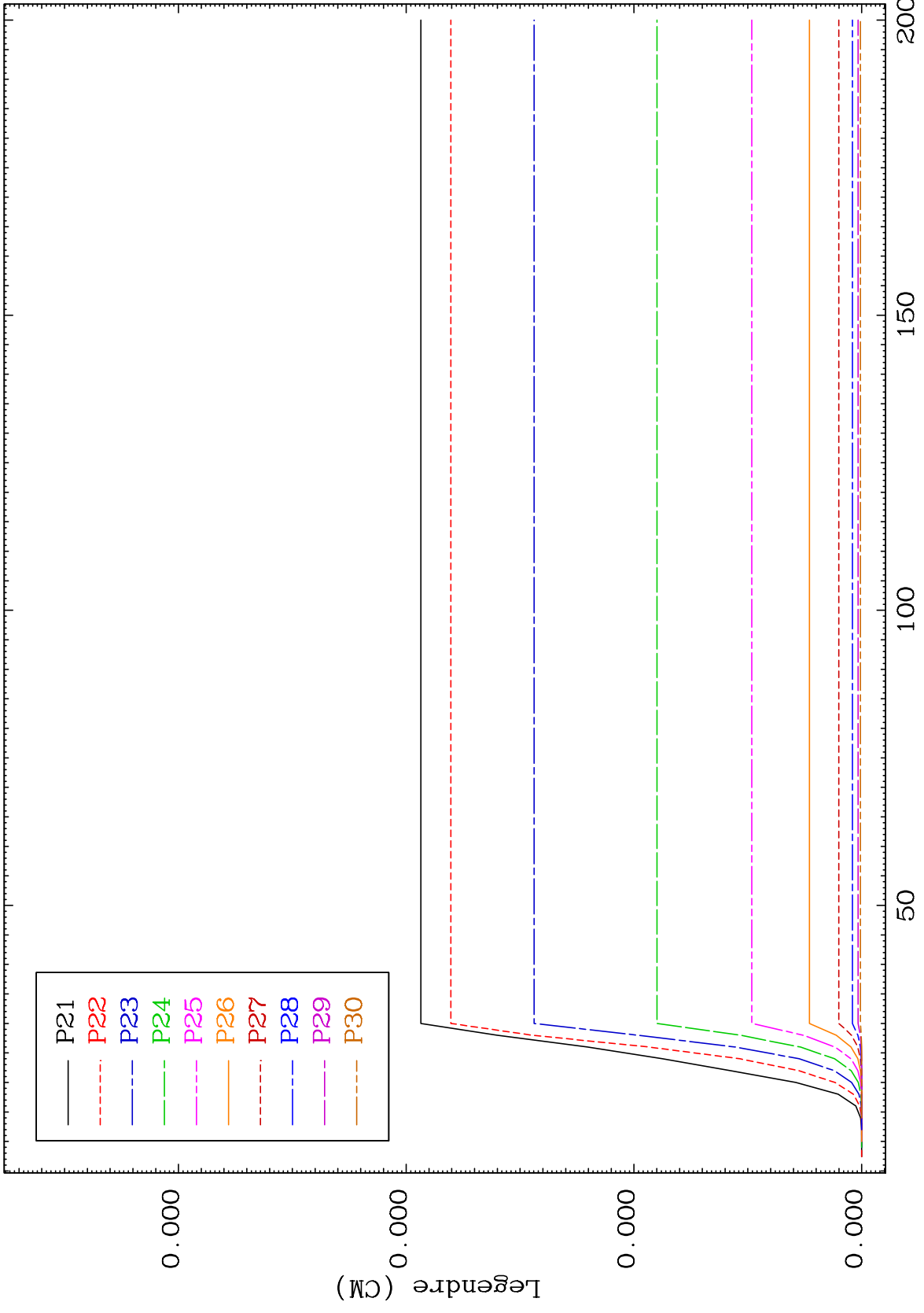
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87-Fr-211

MAT 8722

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

87-Fr-211



24

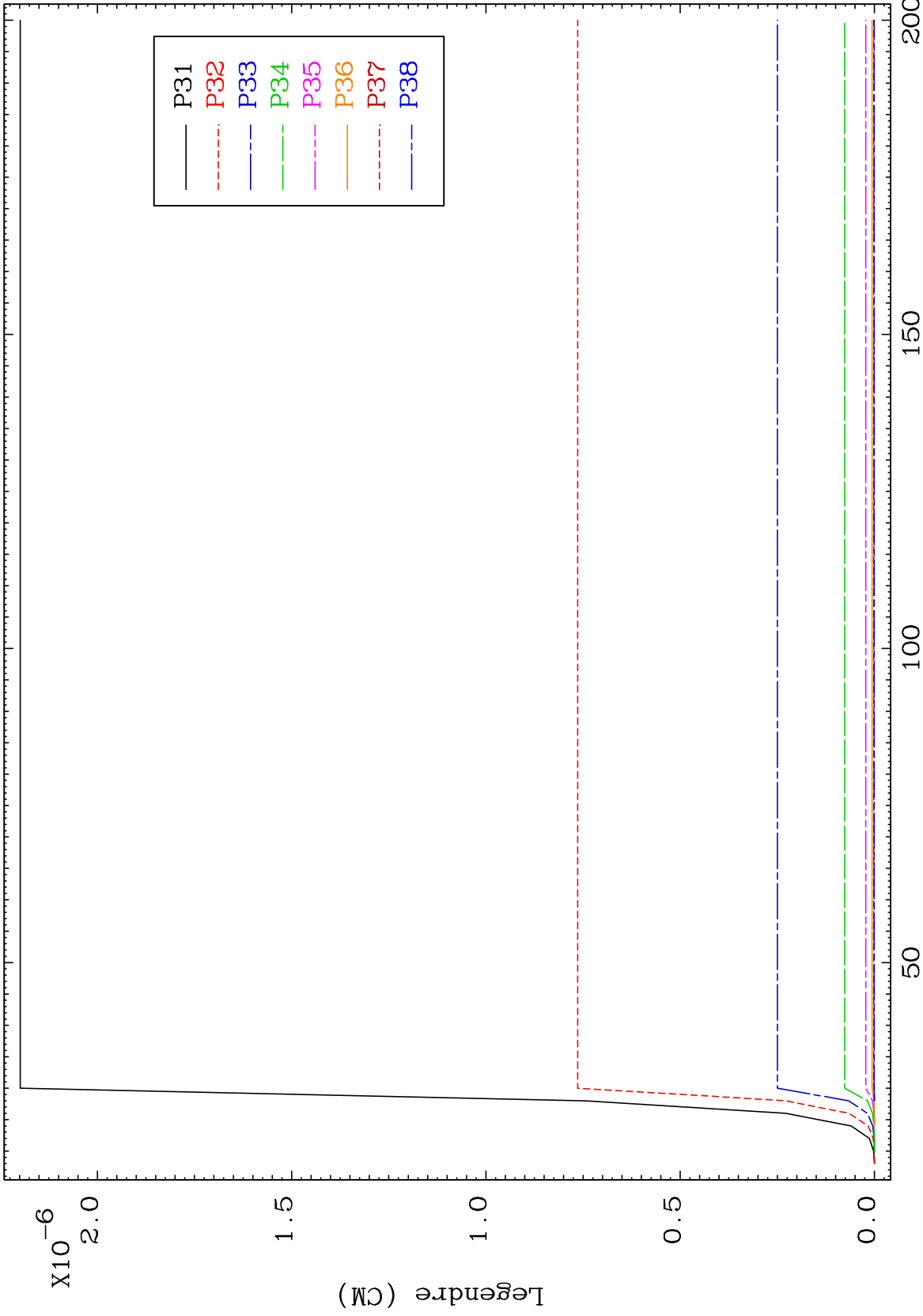
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



25

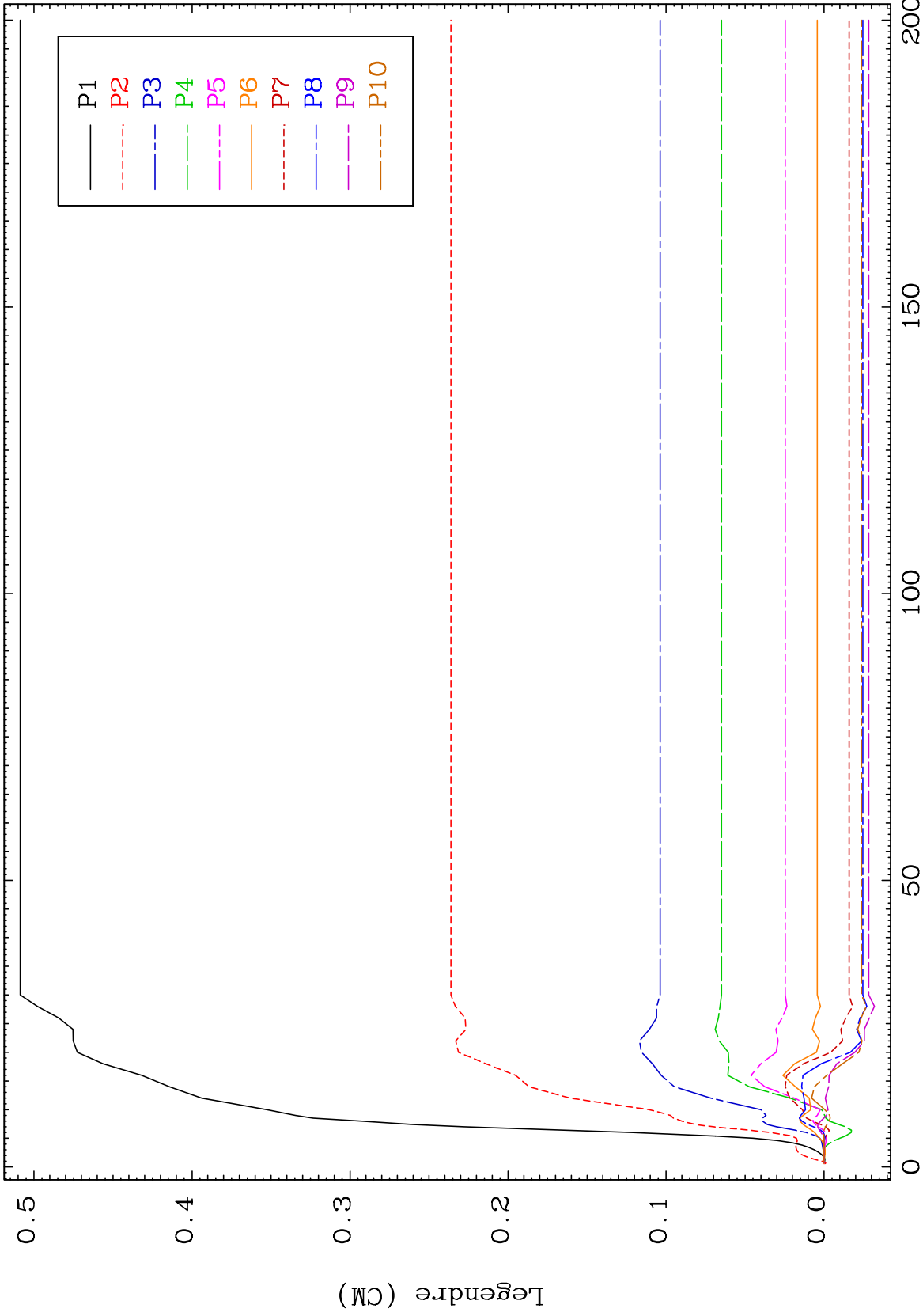
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



26

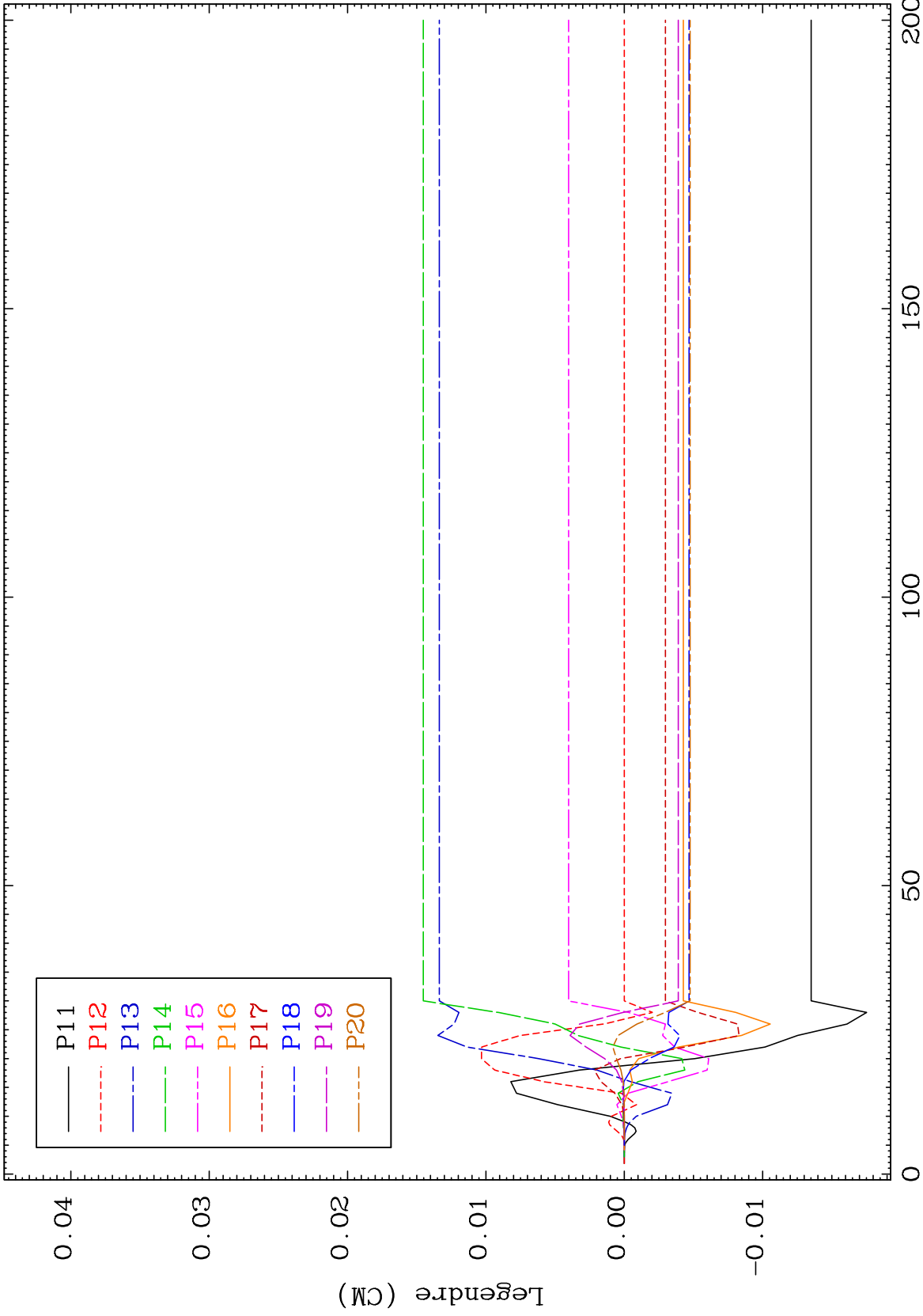
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



27

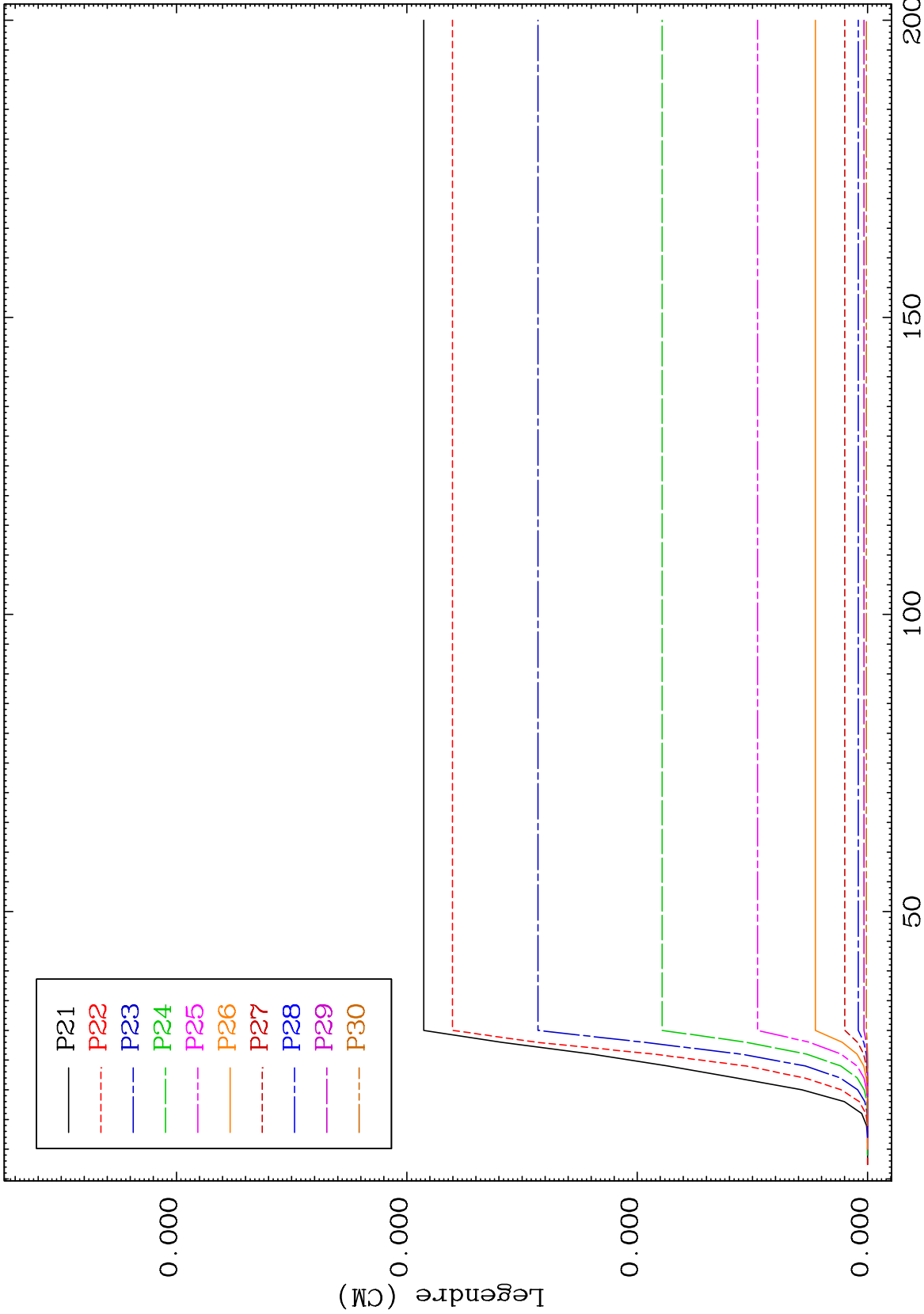
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



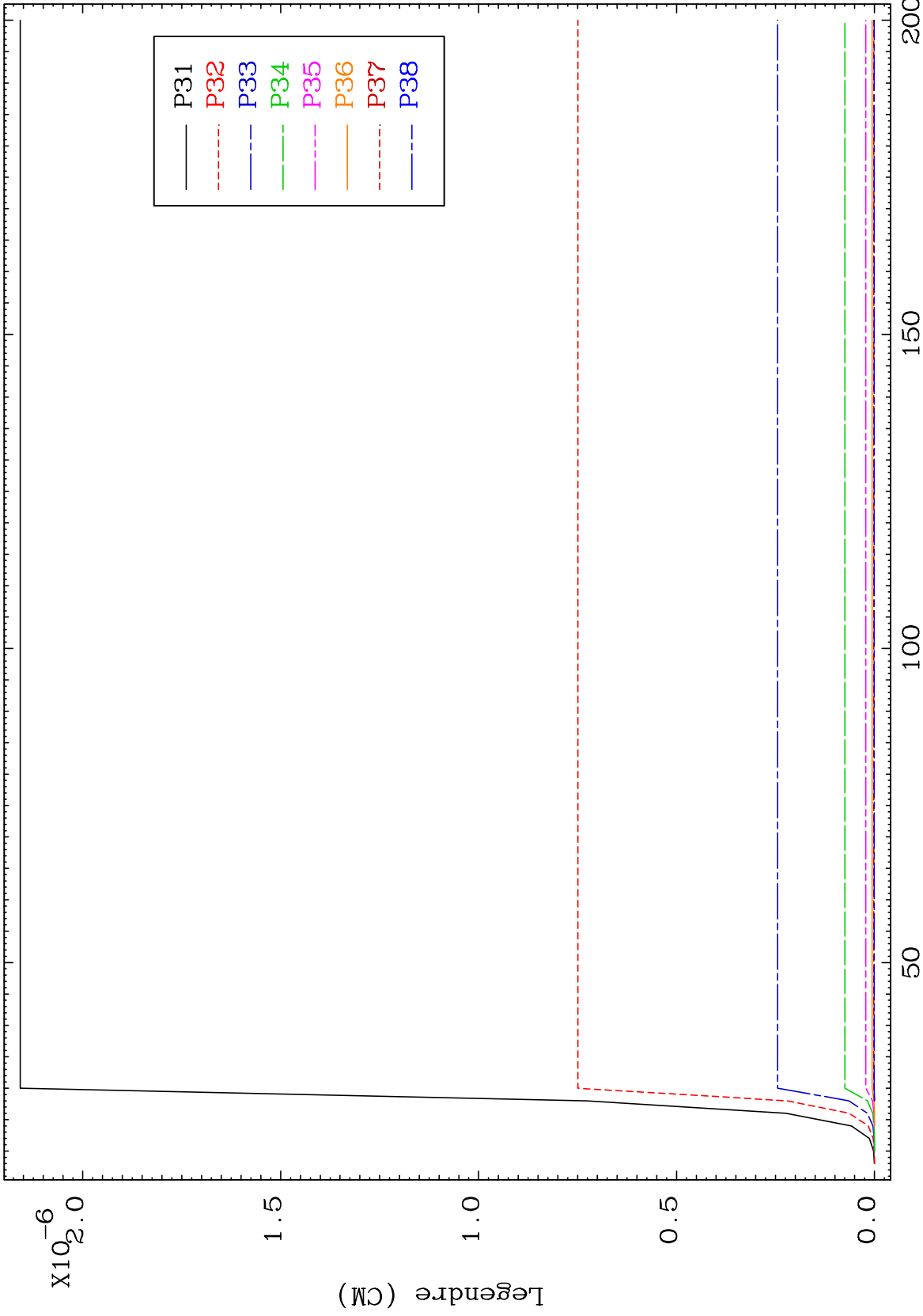
28

87-Fr-211

MAT 8722

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

87-Fr-211



29

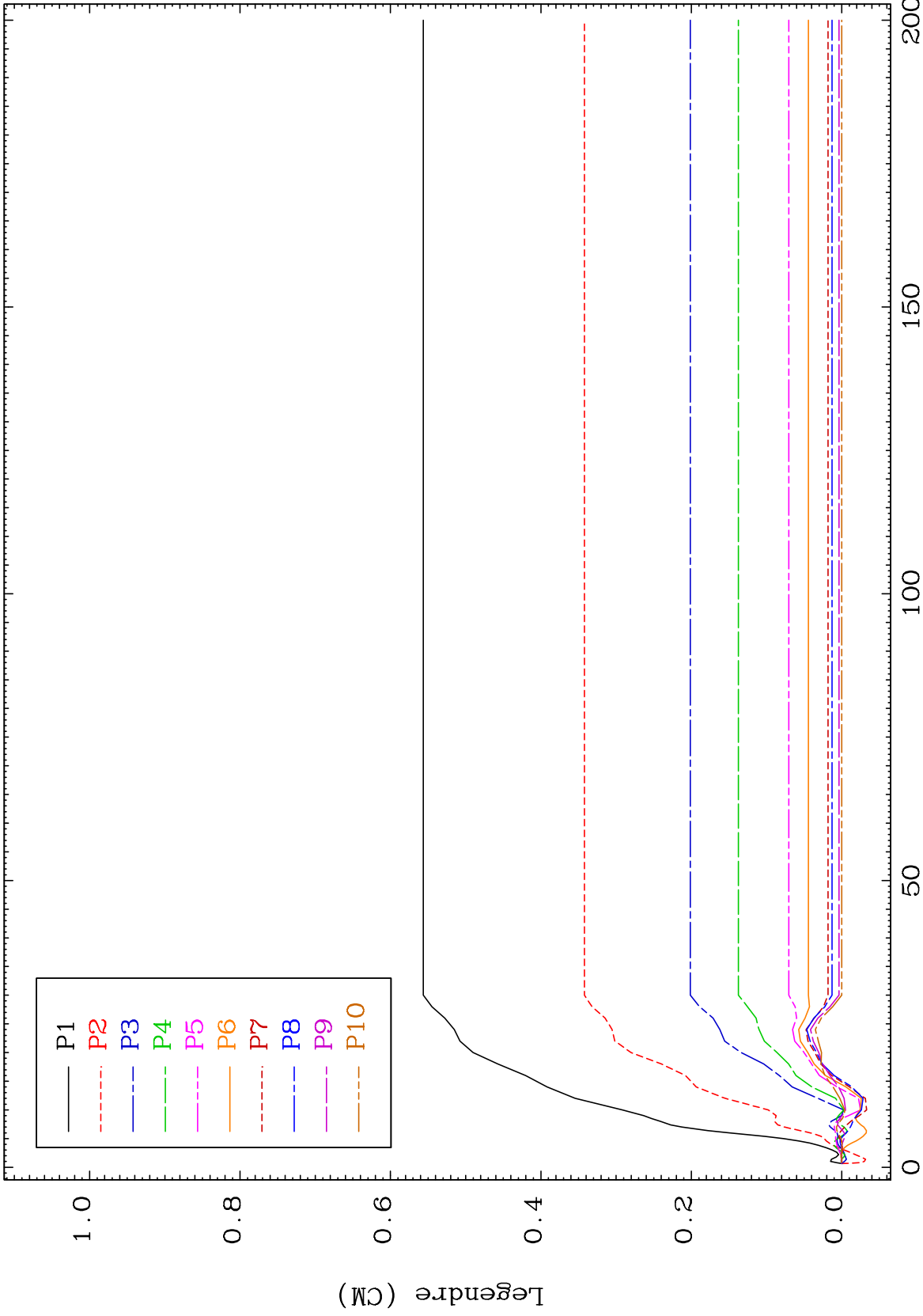
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



87-Fr-211

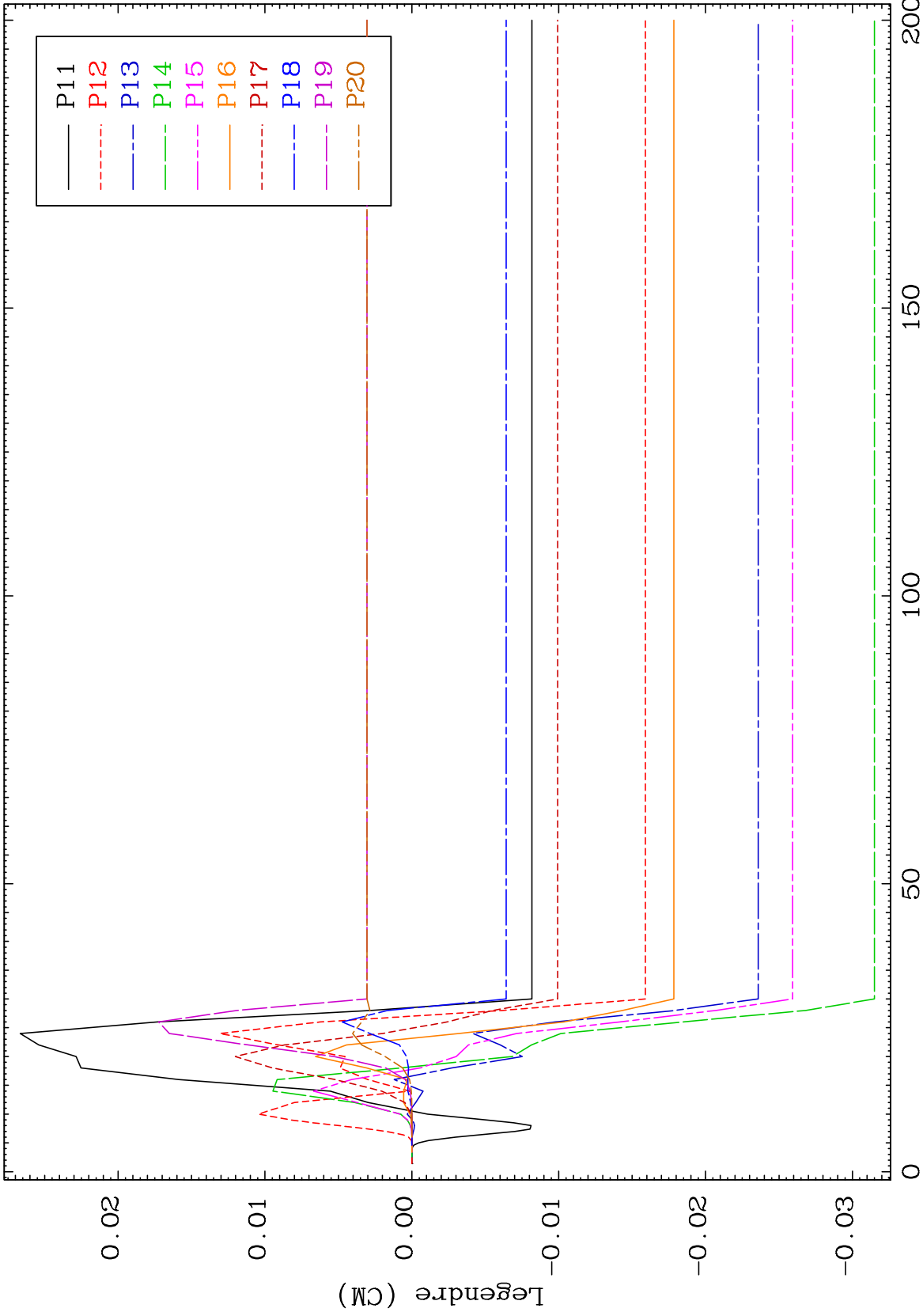
Incident Energy (MeV)

30

MAT 8722

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

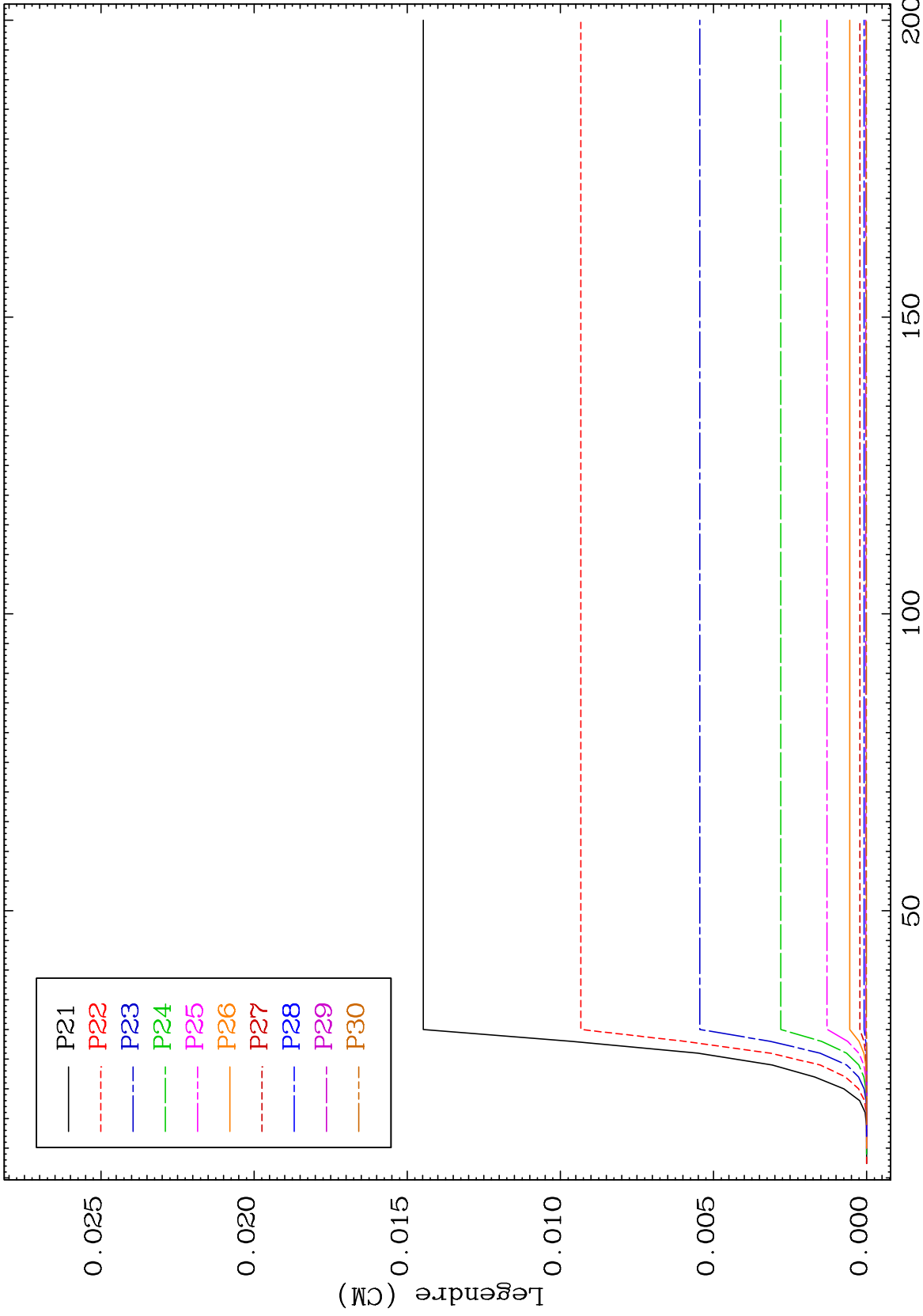
87-Fr-211



31

Incident Energy (MeV)

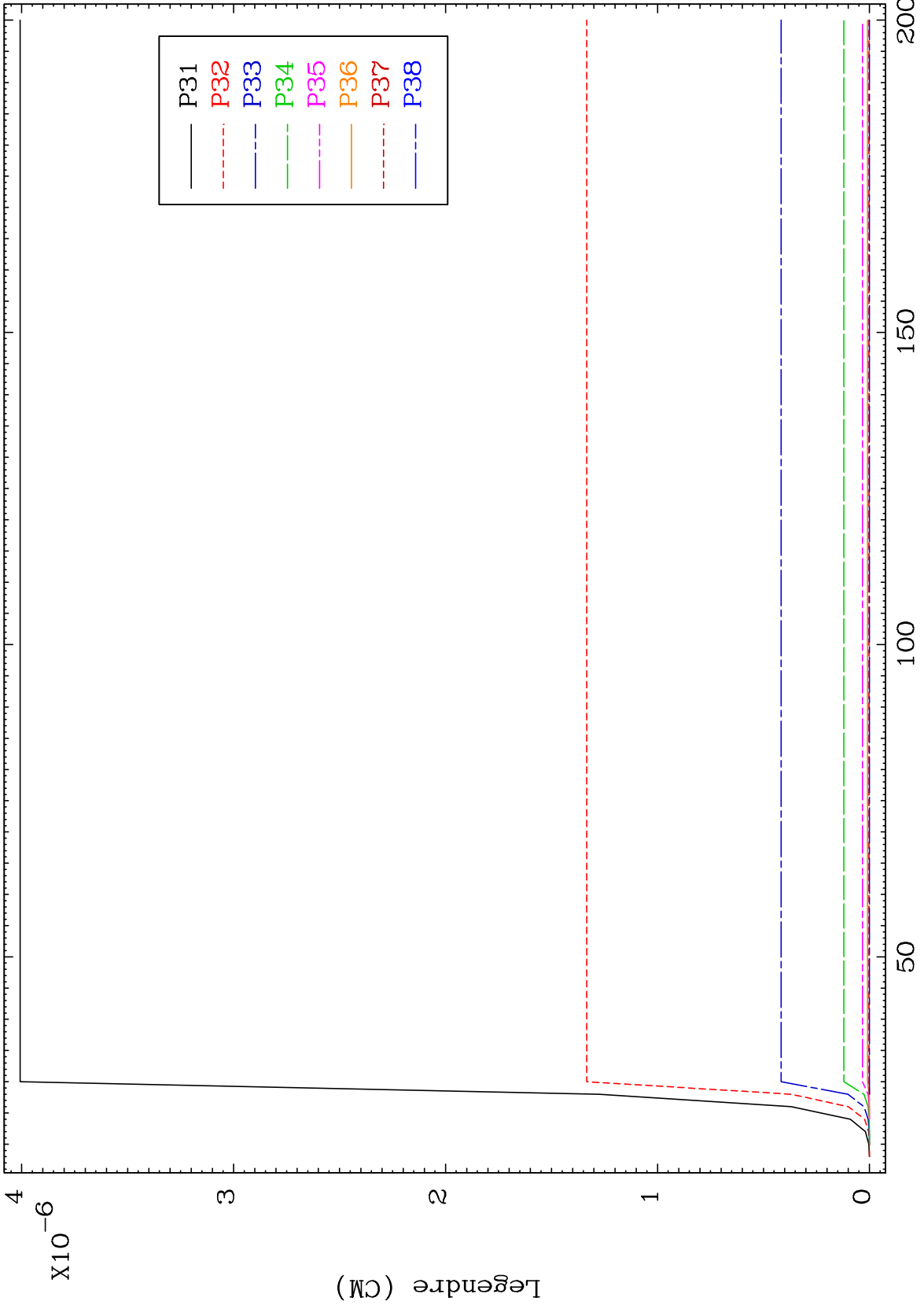
87-Fr-211



MAT 8722

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

87-Fr-211



33

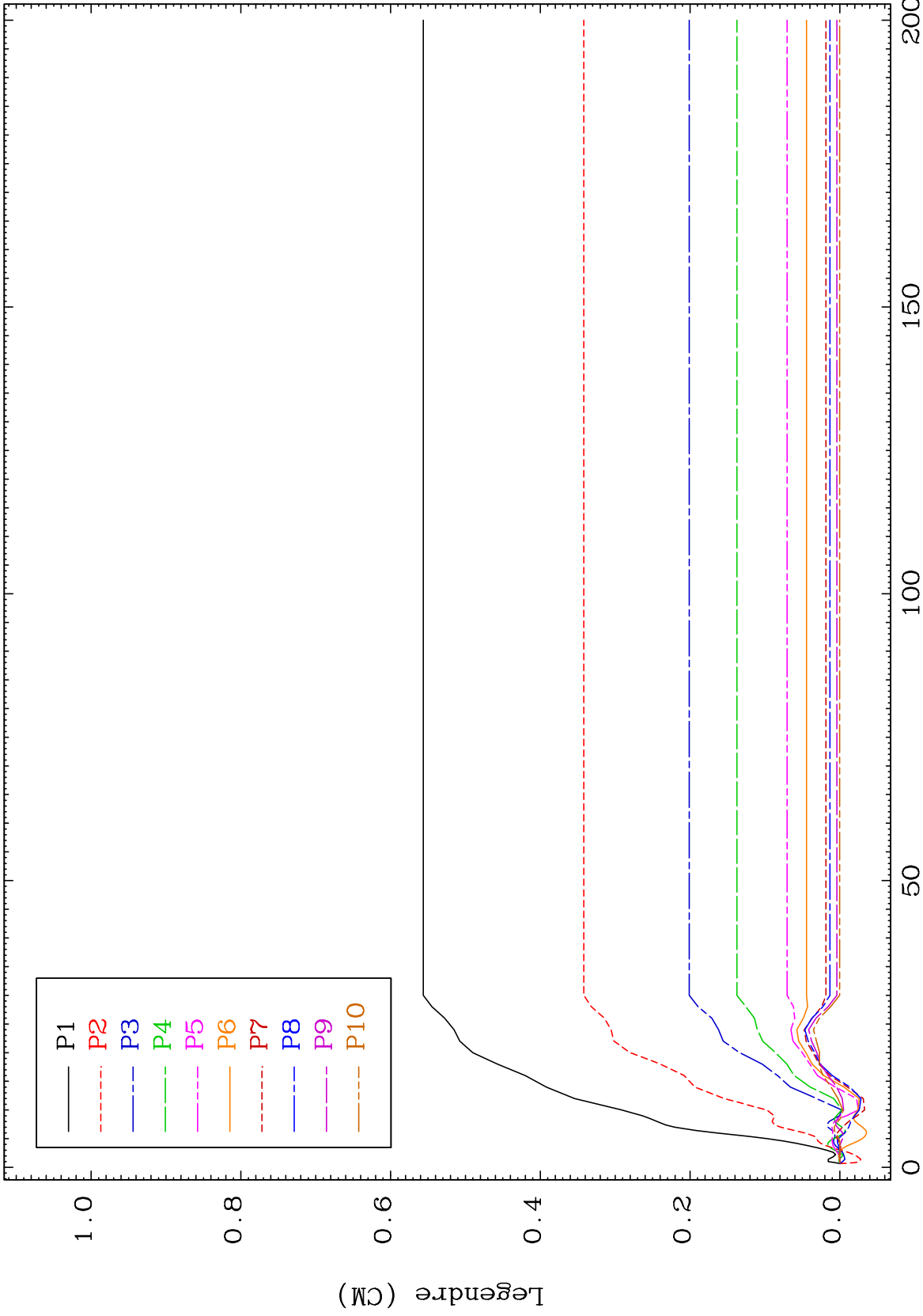
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



34

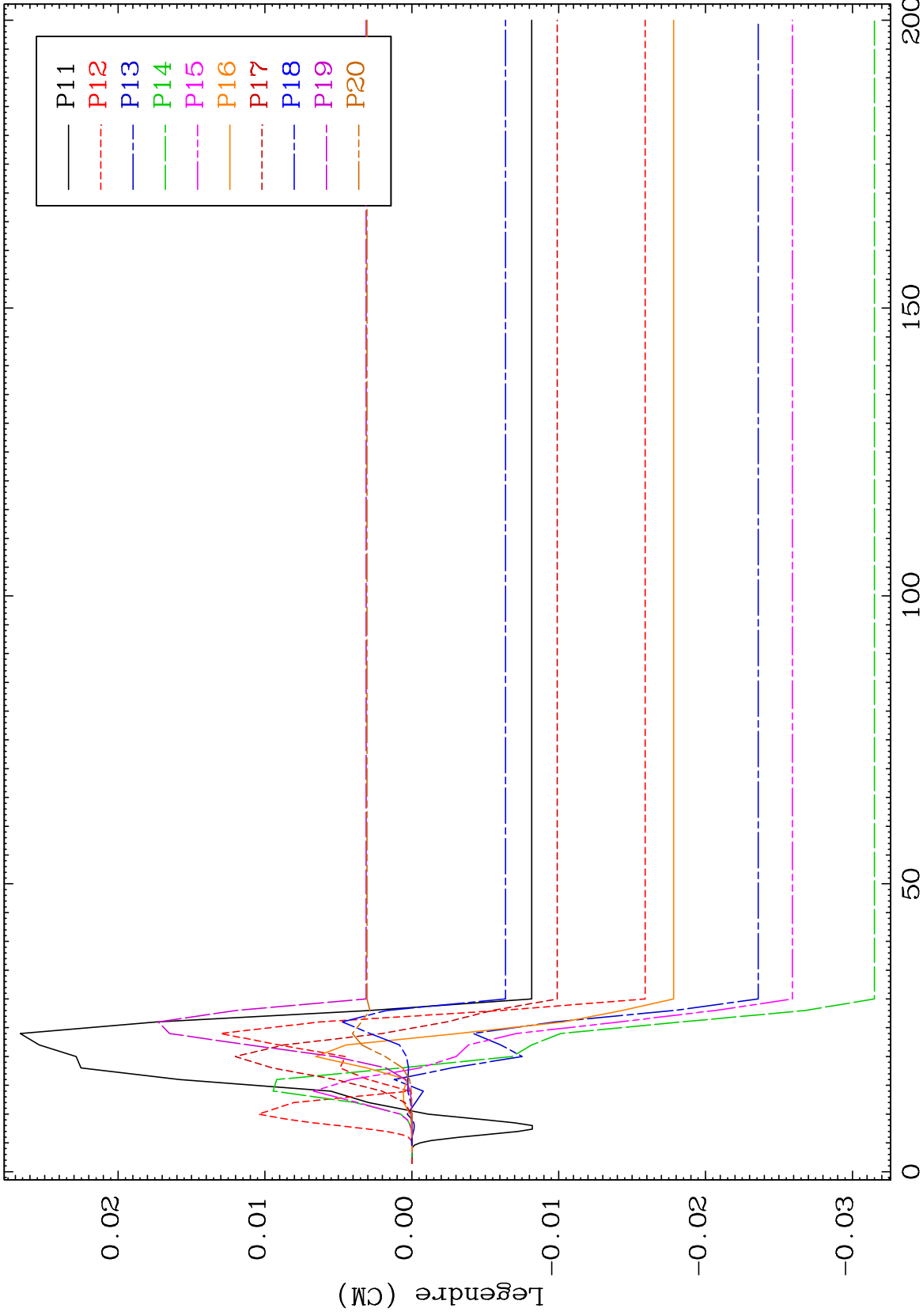
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

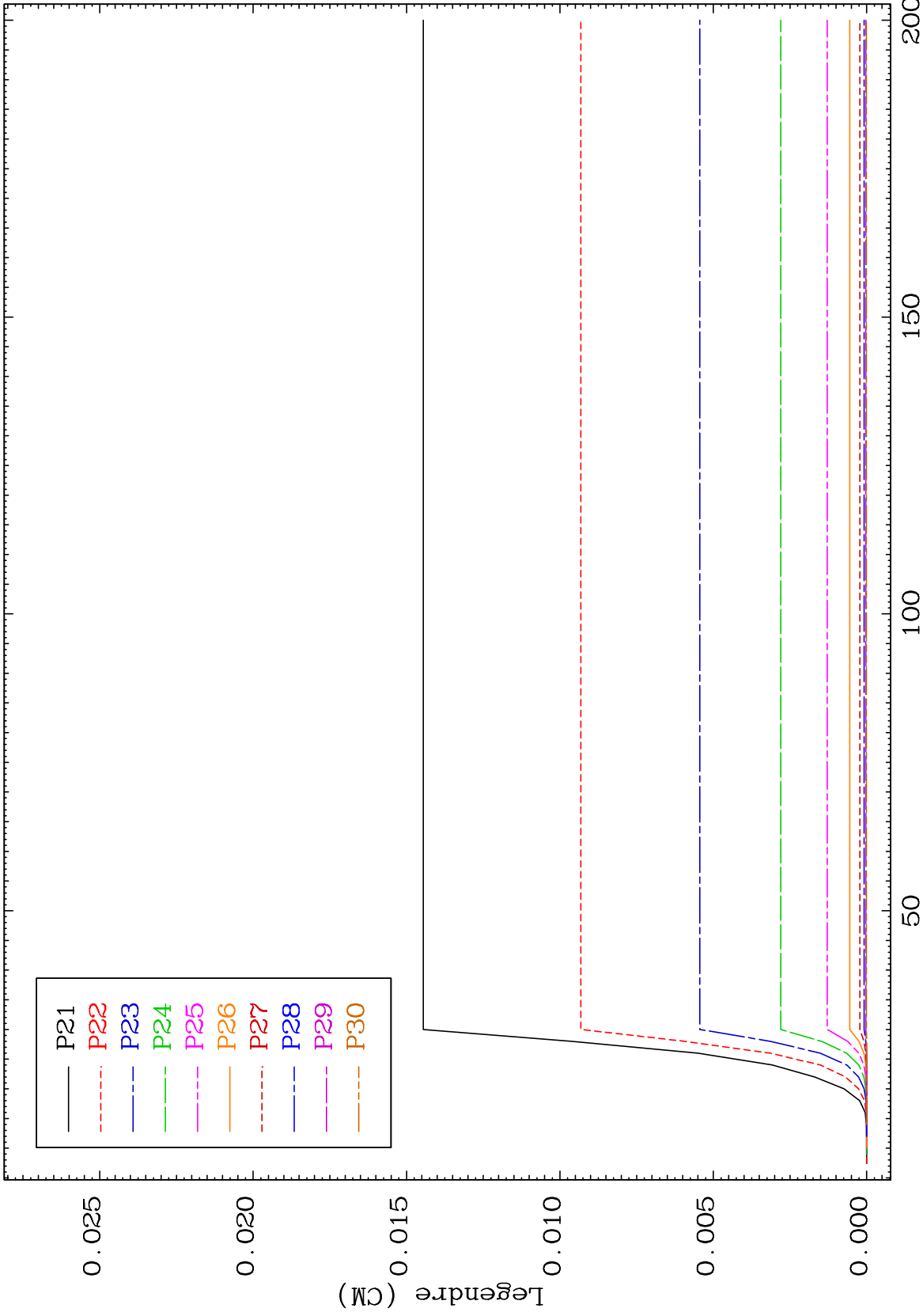
87-Fr-211



35

Incident Energy (MeV)

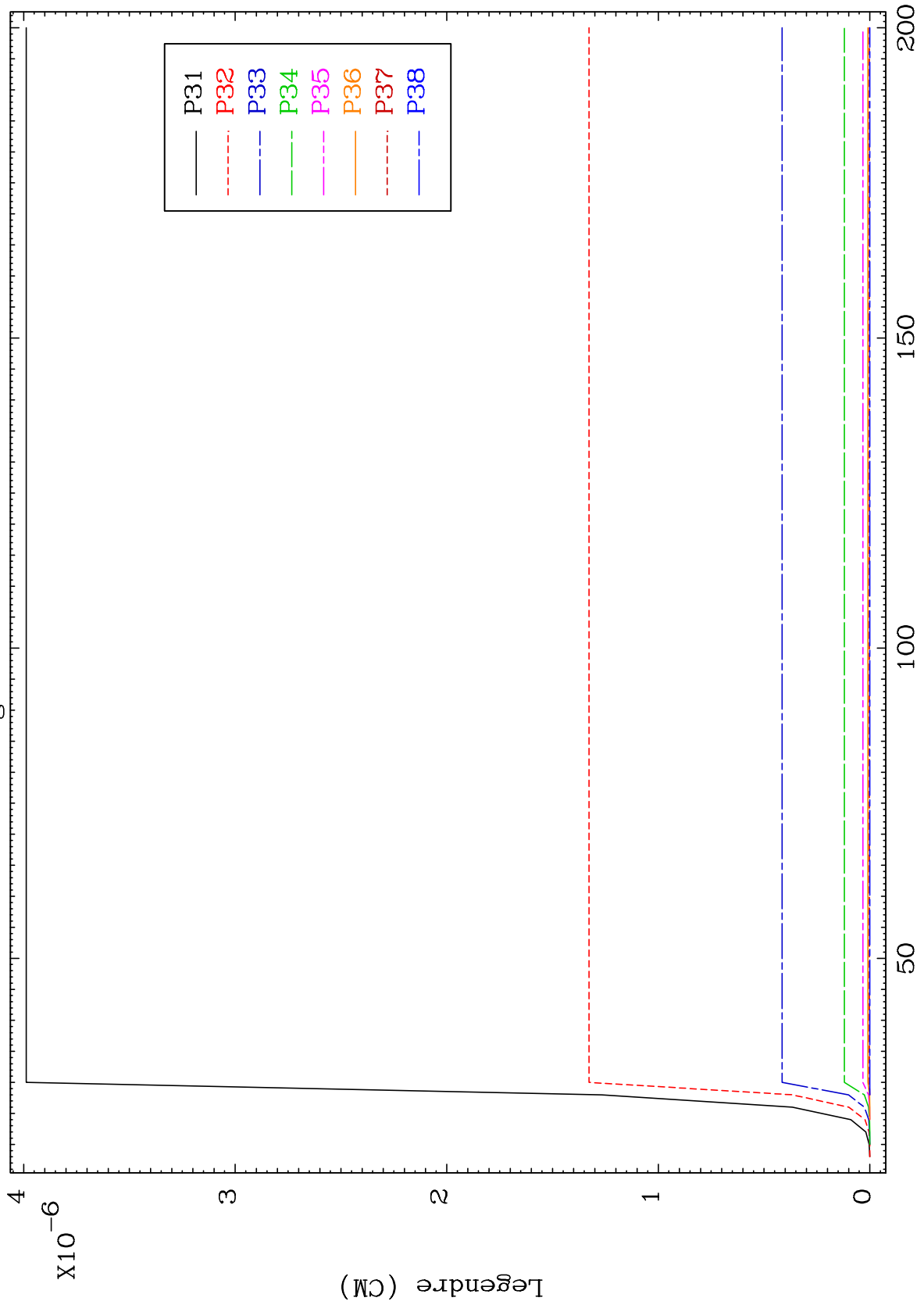
87-Fr-211



MAT 8722

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

87-Fr-211



37

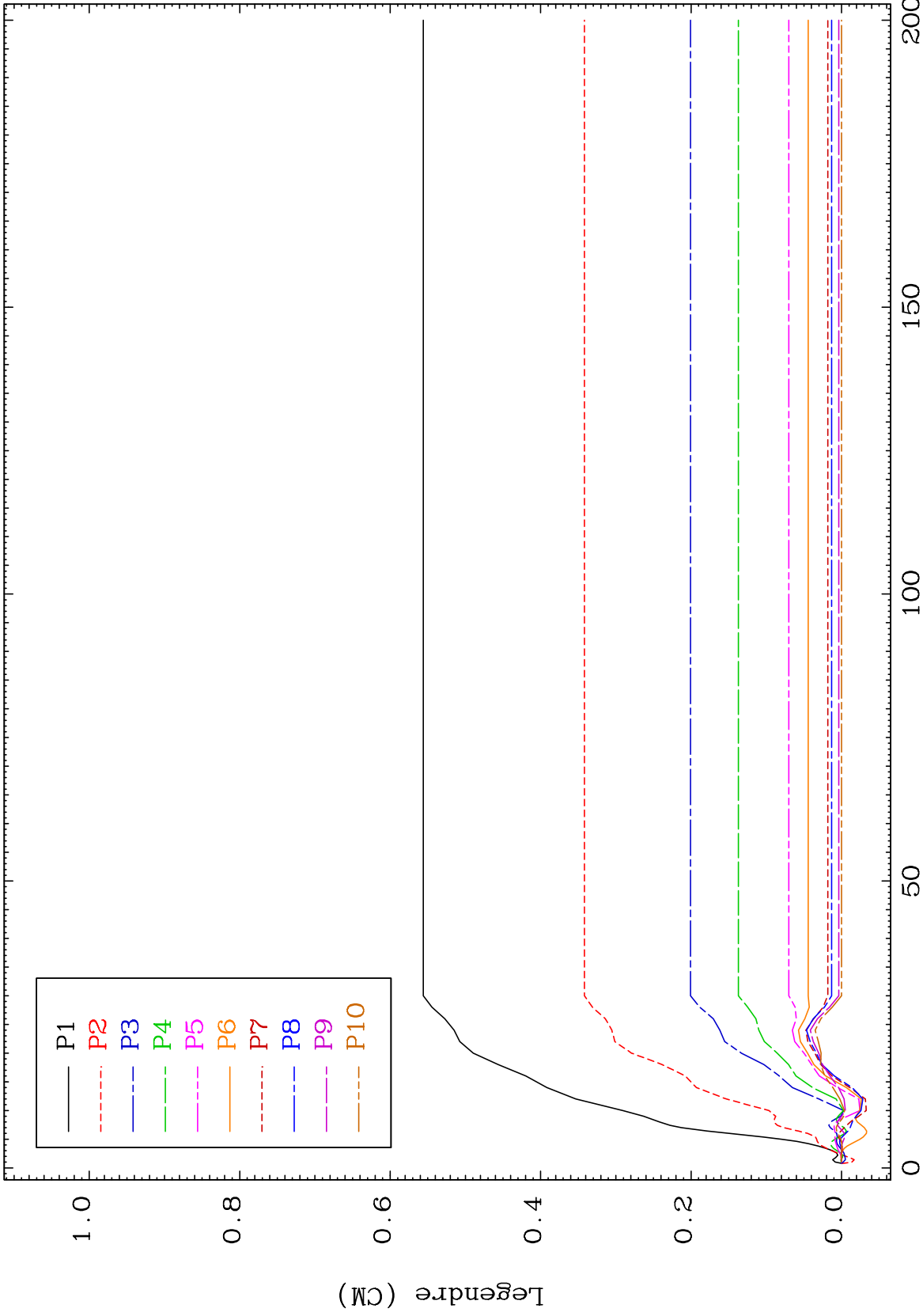
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



38

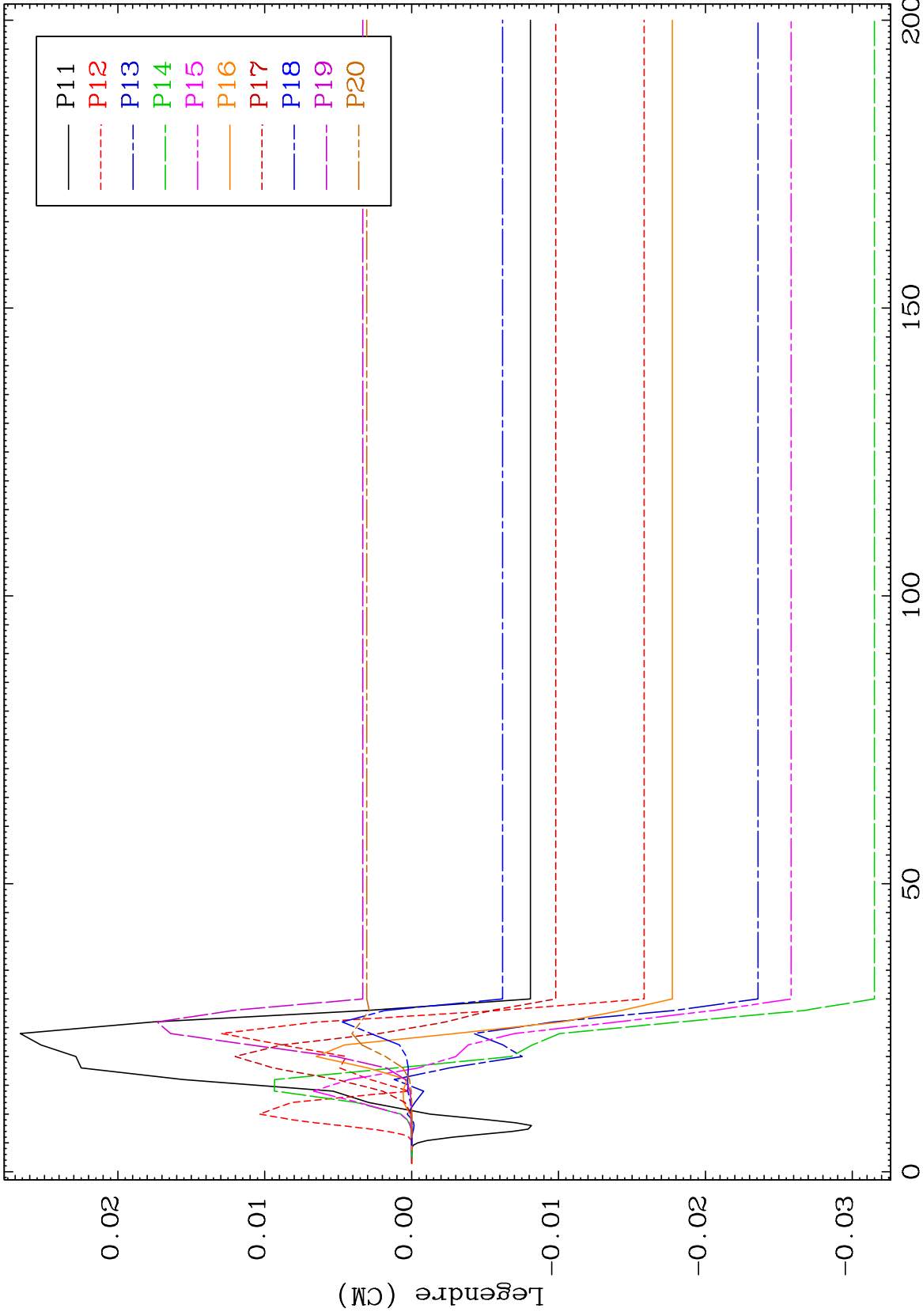
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



39

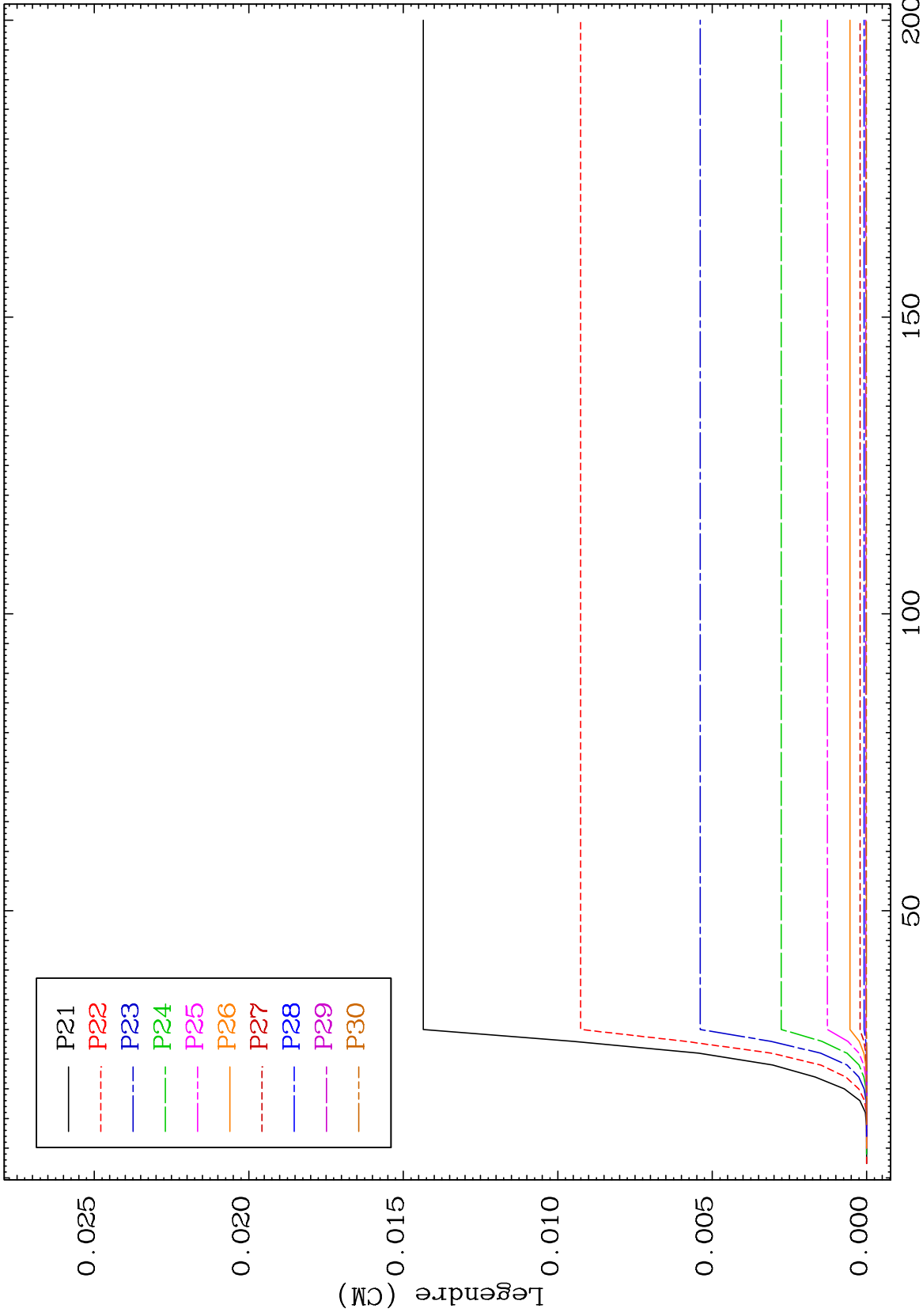
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



40

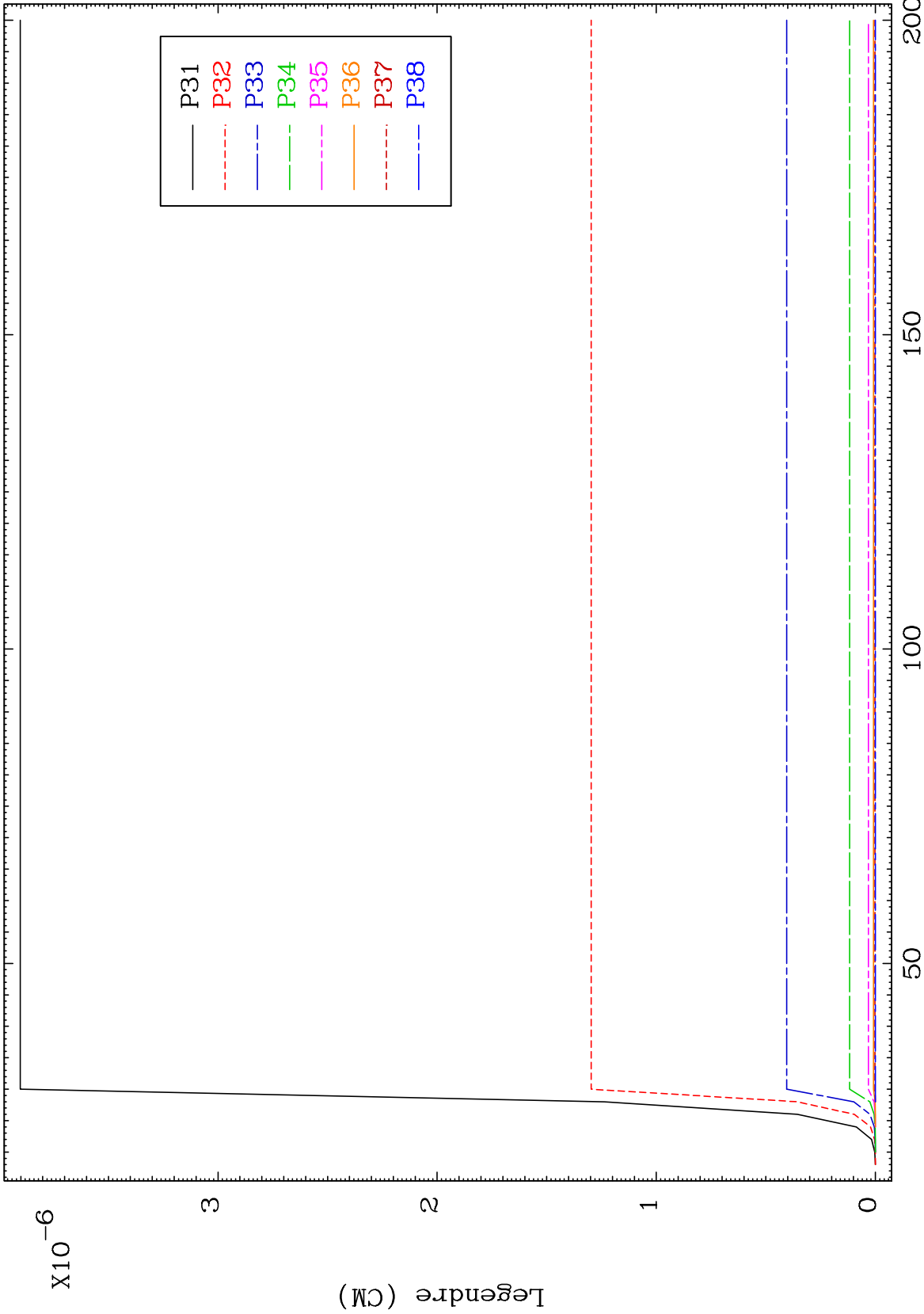
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



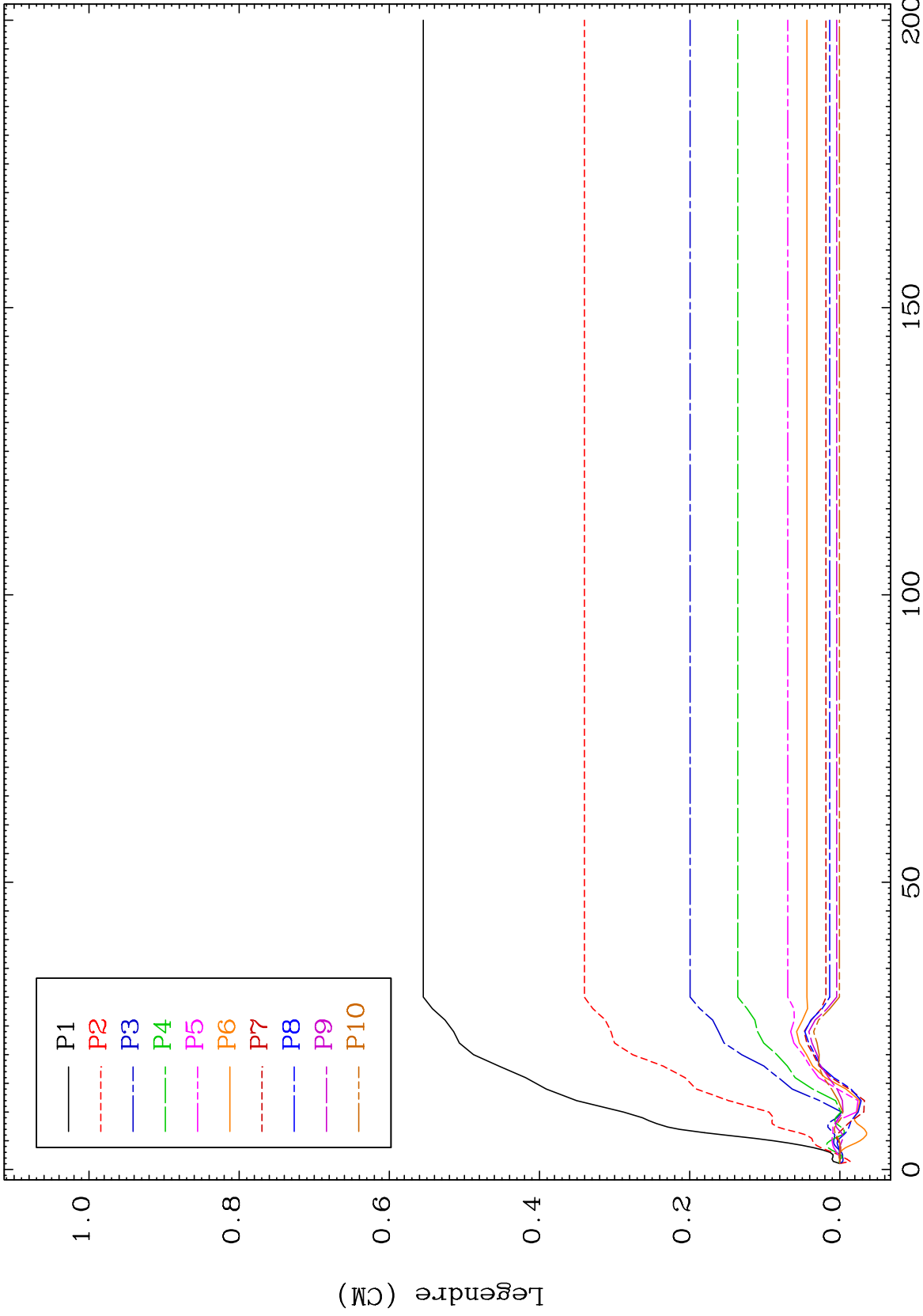
41

87-Fr-211

MAT 8722

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

87-Fr-211



42

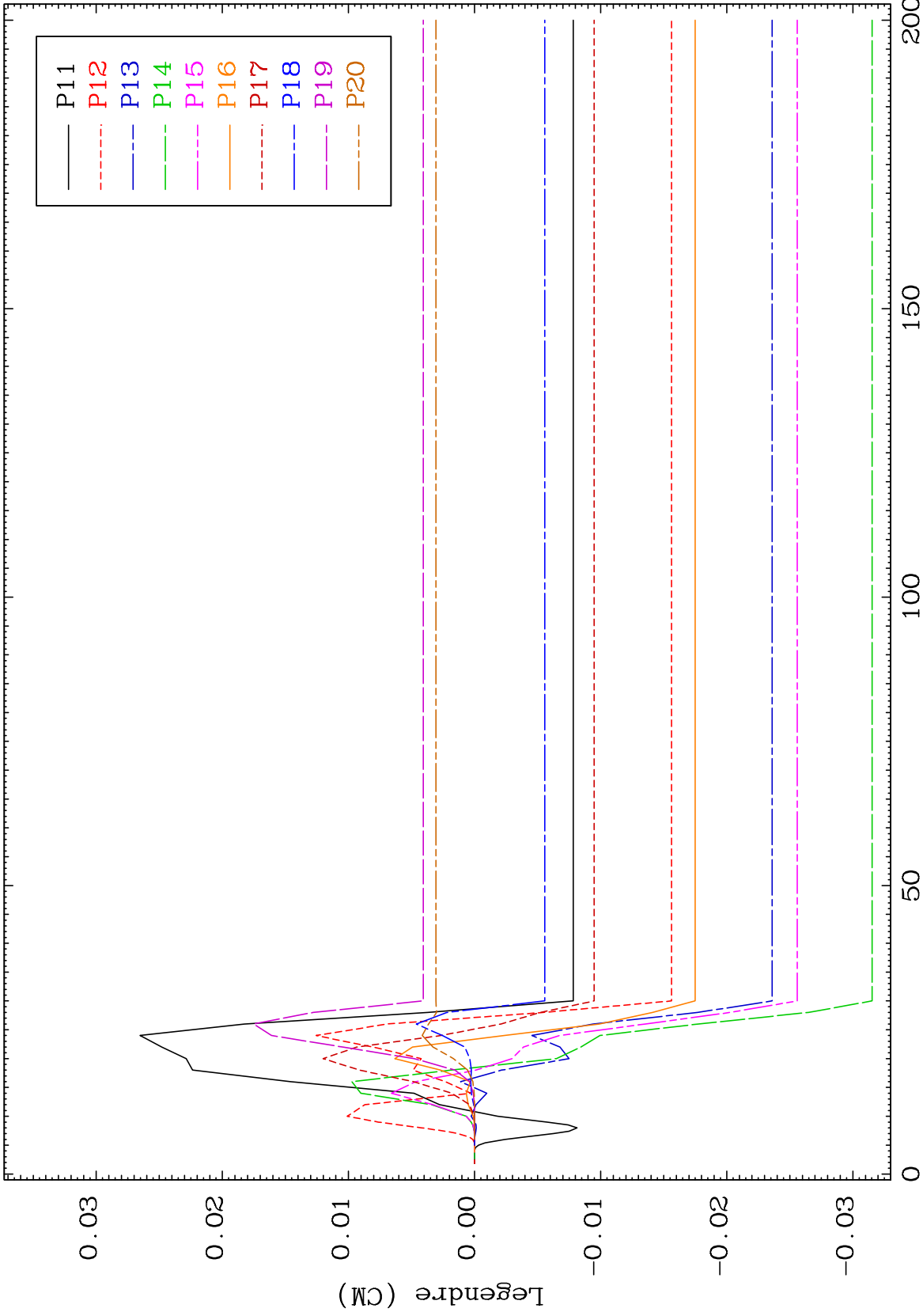
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



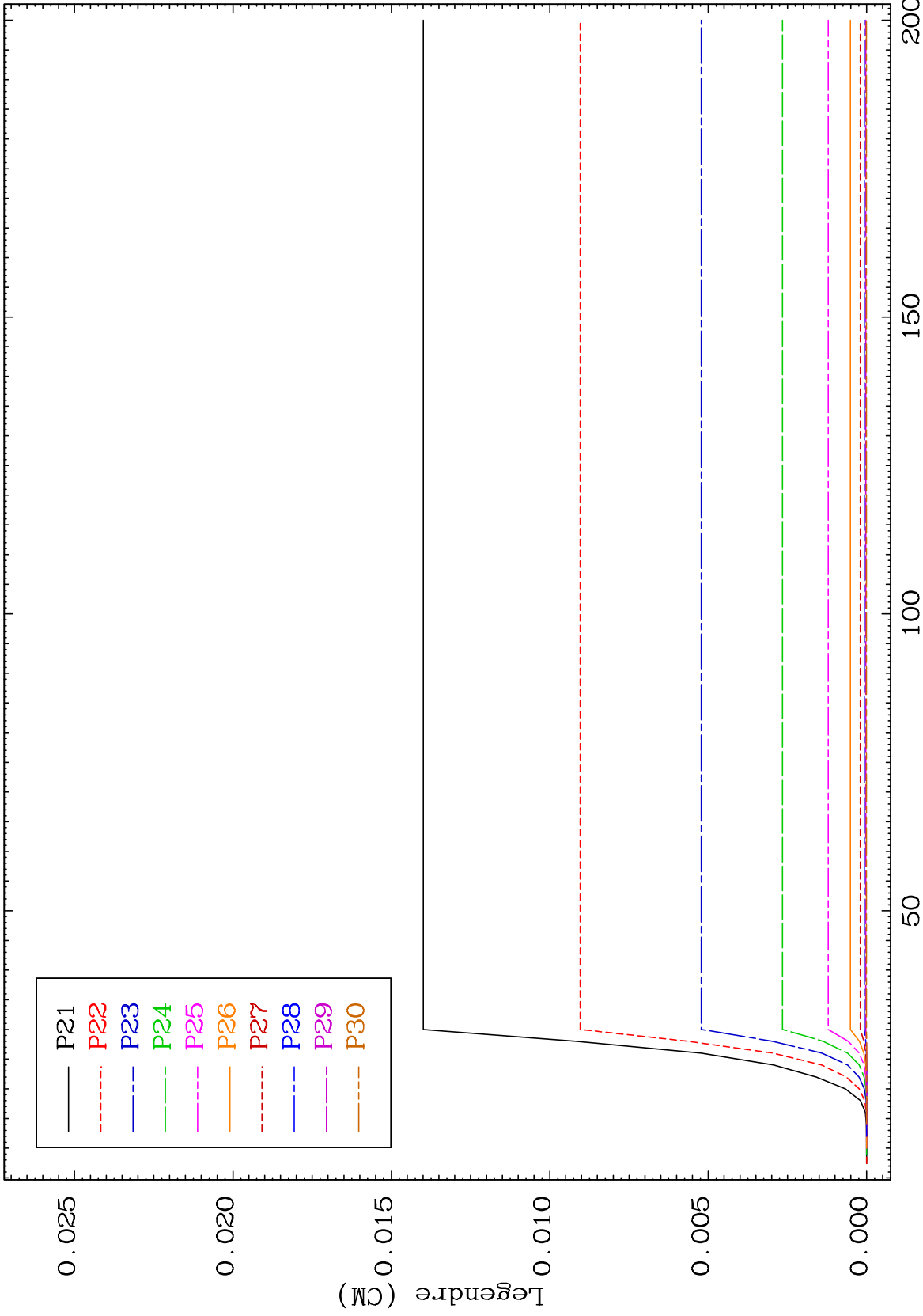
43

87-Fr-211

MAT 8722

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

87-Fr-211



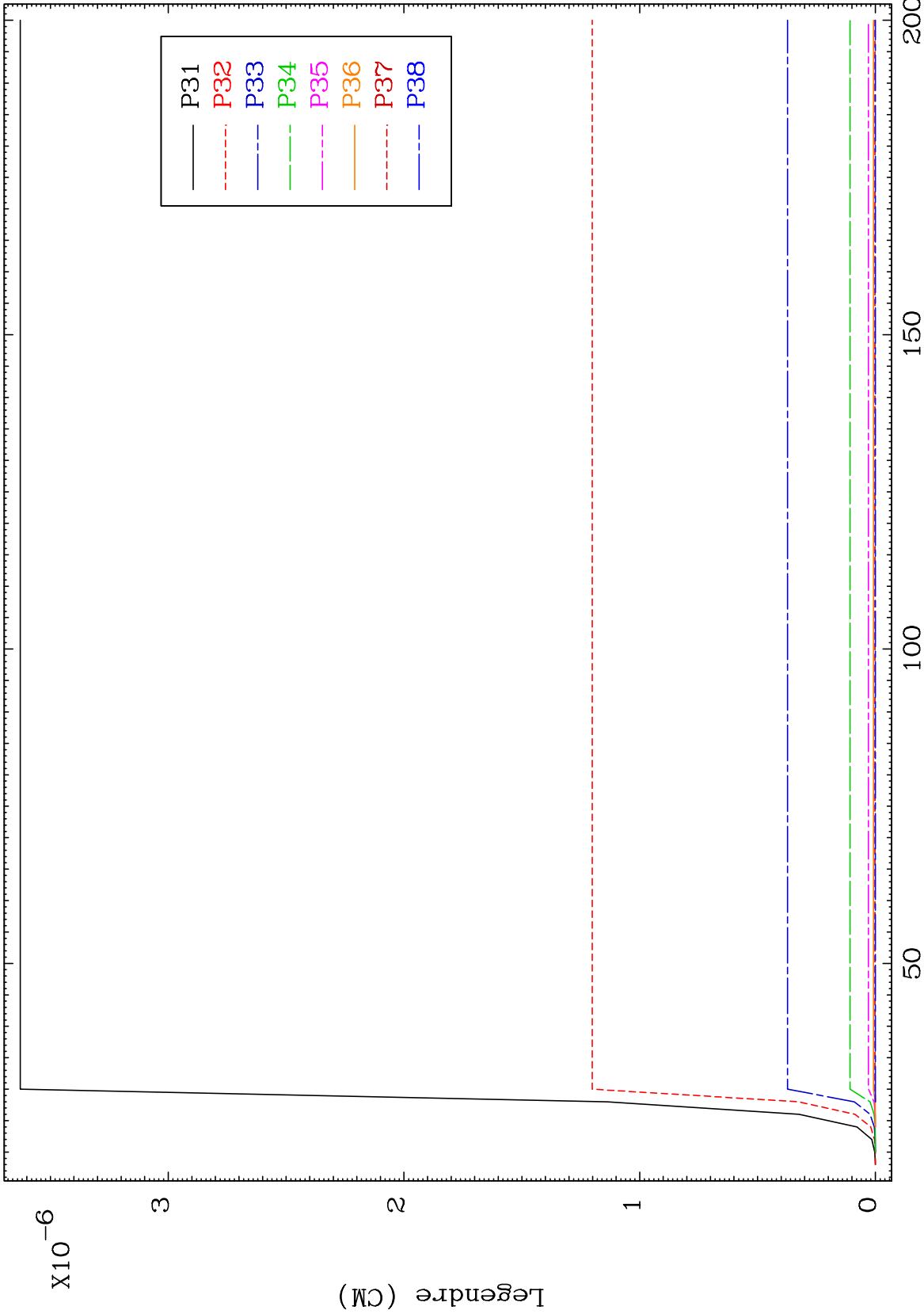
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87-Fr-211

MAT 8722

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

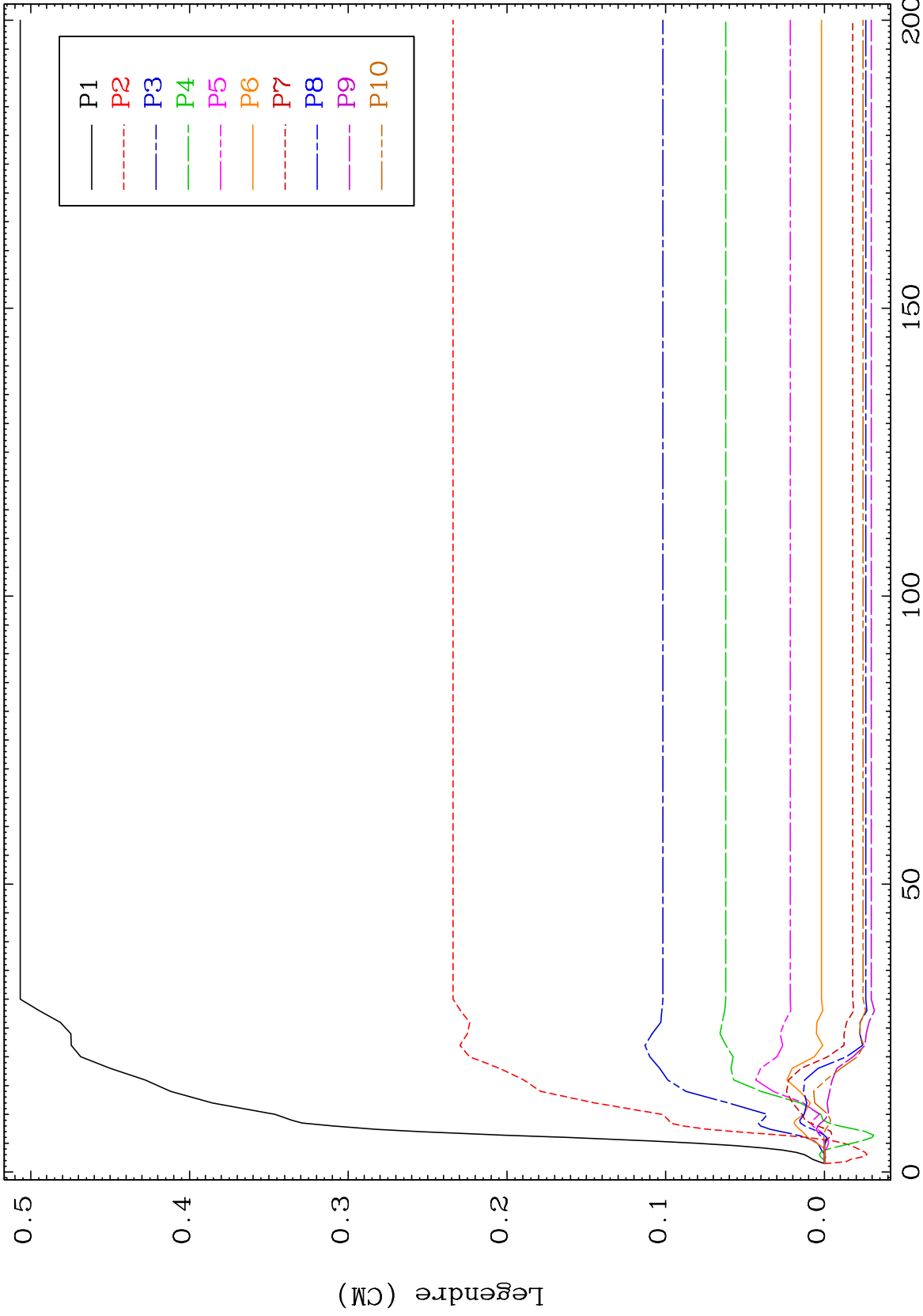
87-Fr-211



MAT 8722

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

87-Fr-211



46

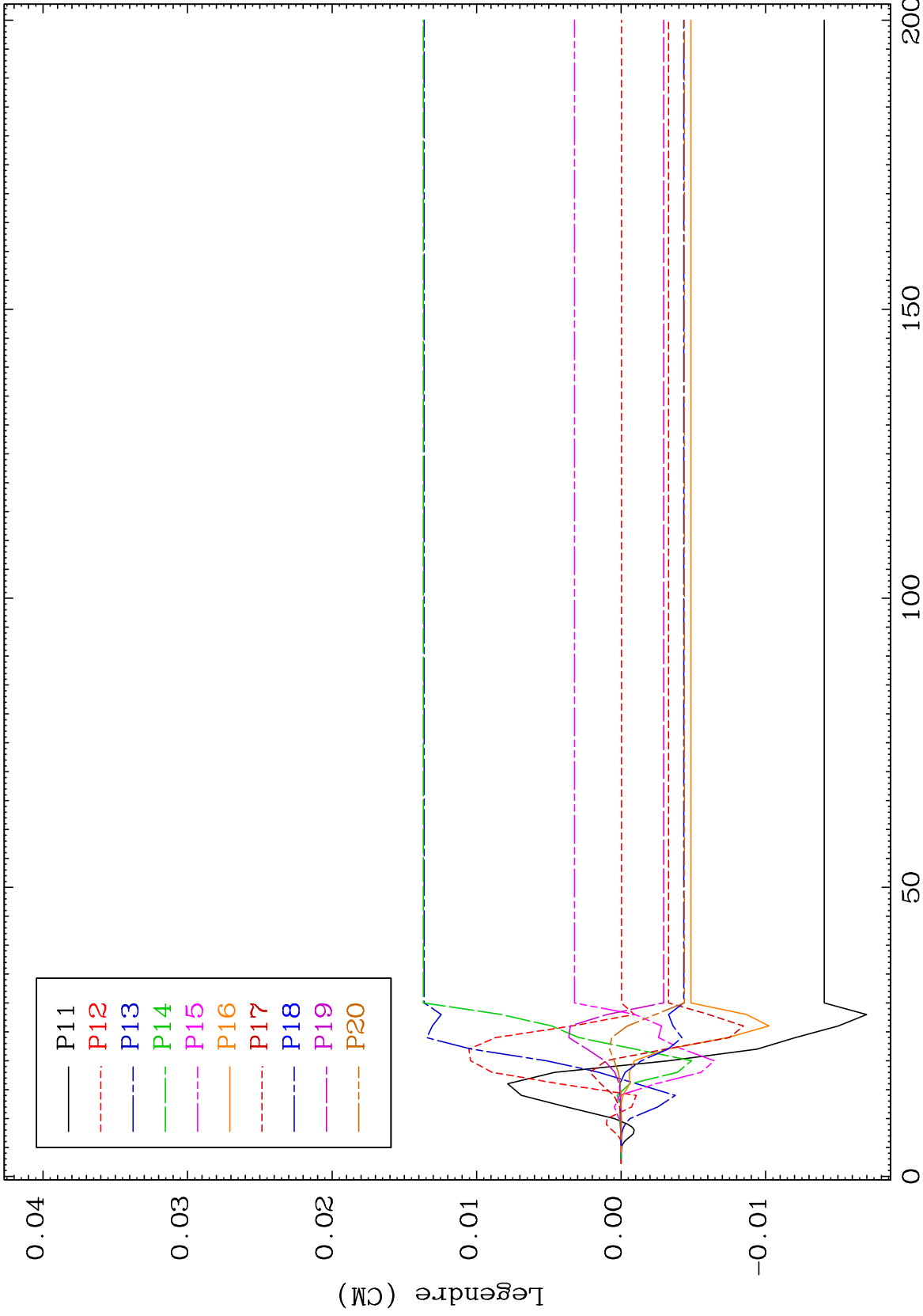
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



47

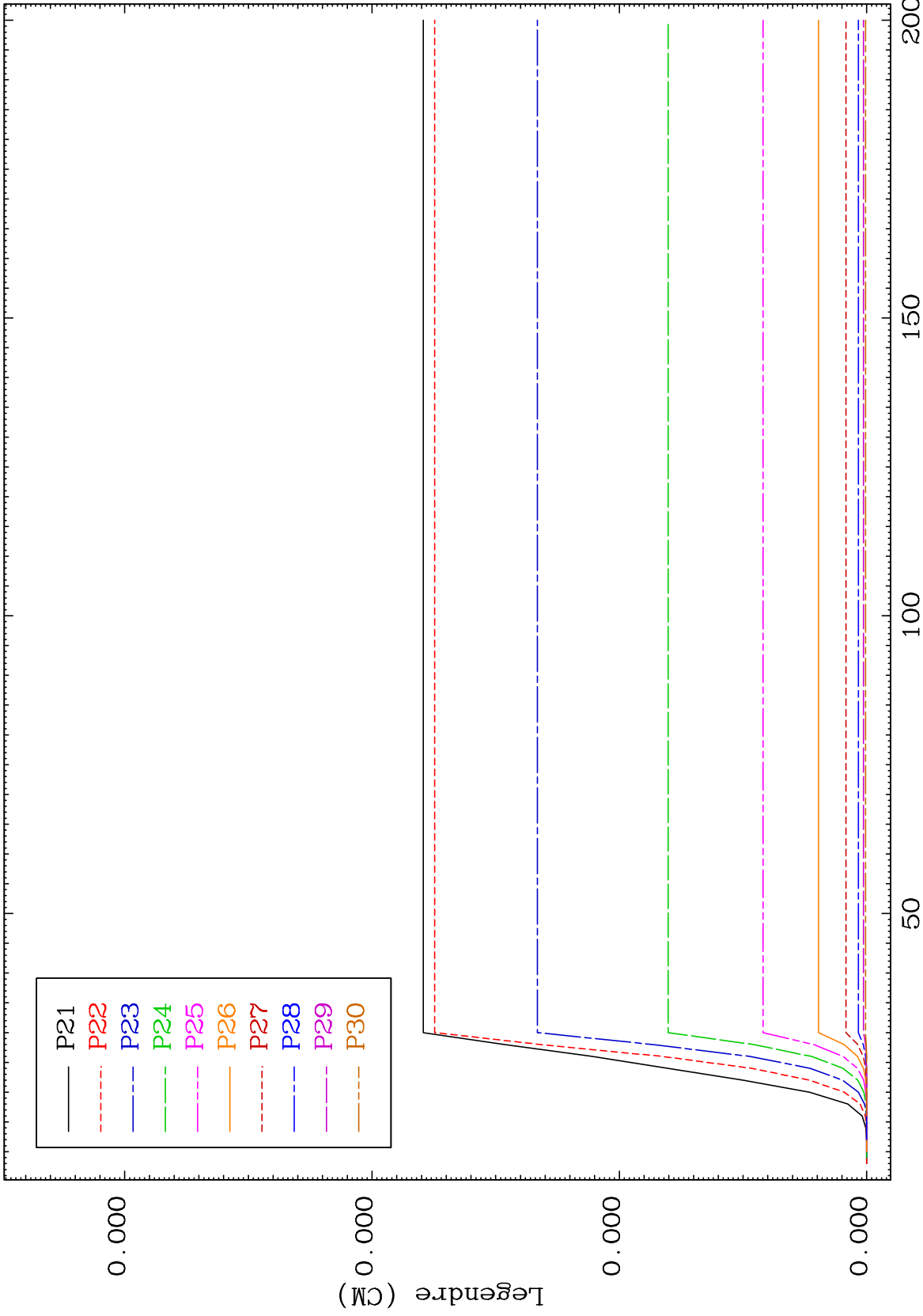
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



48

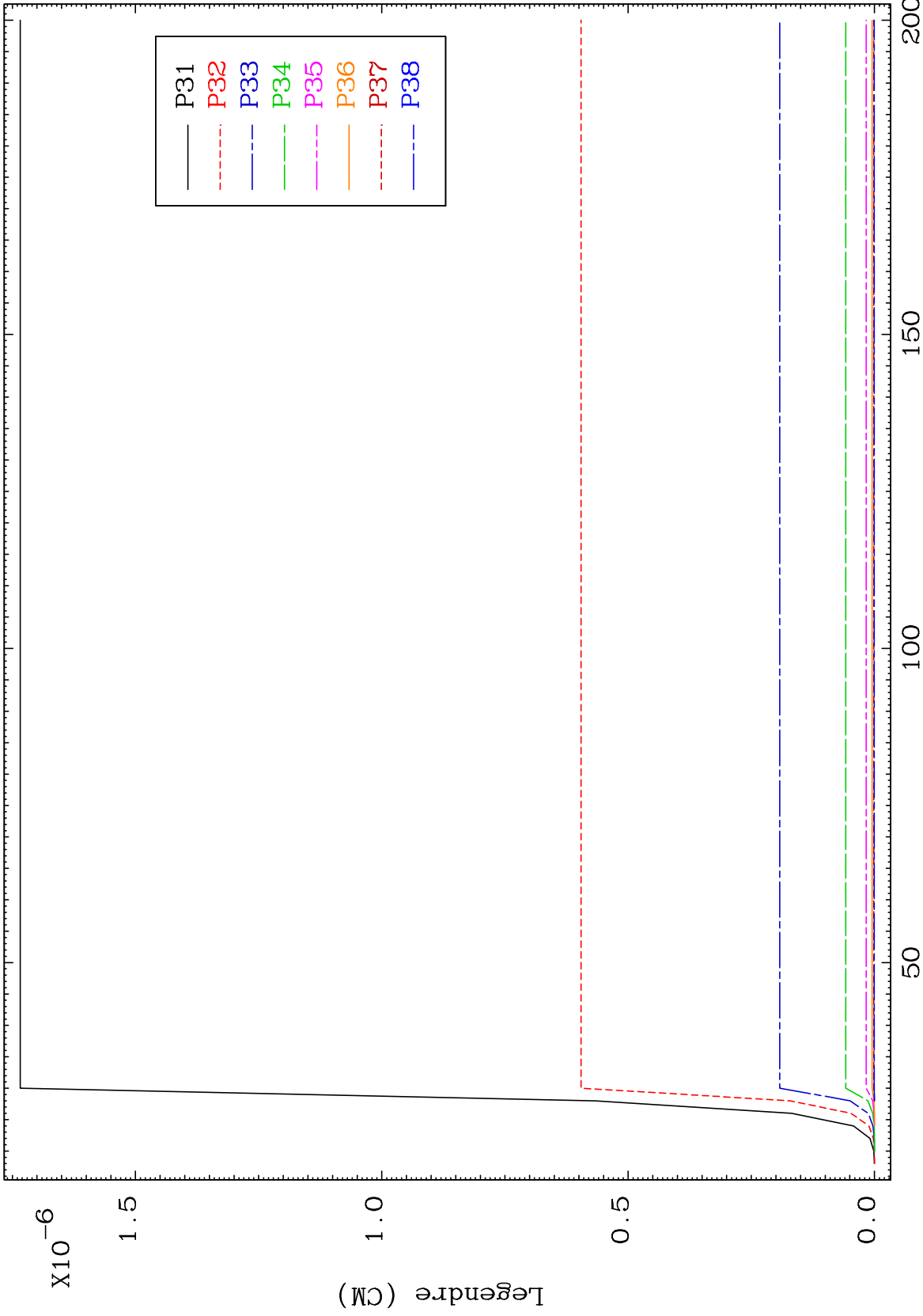
Incident Energy (MeV)

87-Fr-211

MAT 8722

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

87-Fr-211



49

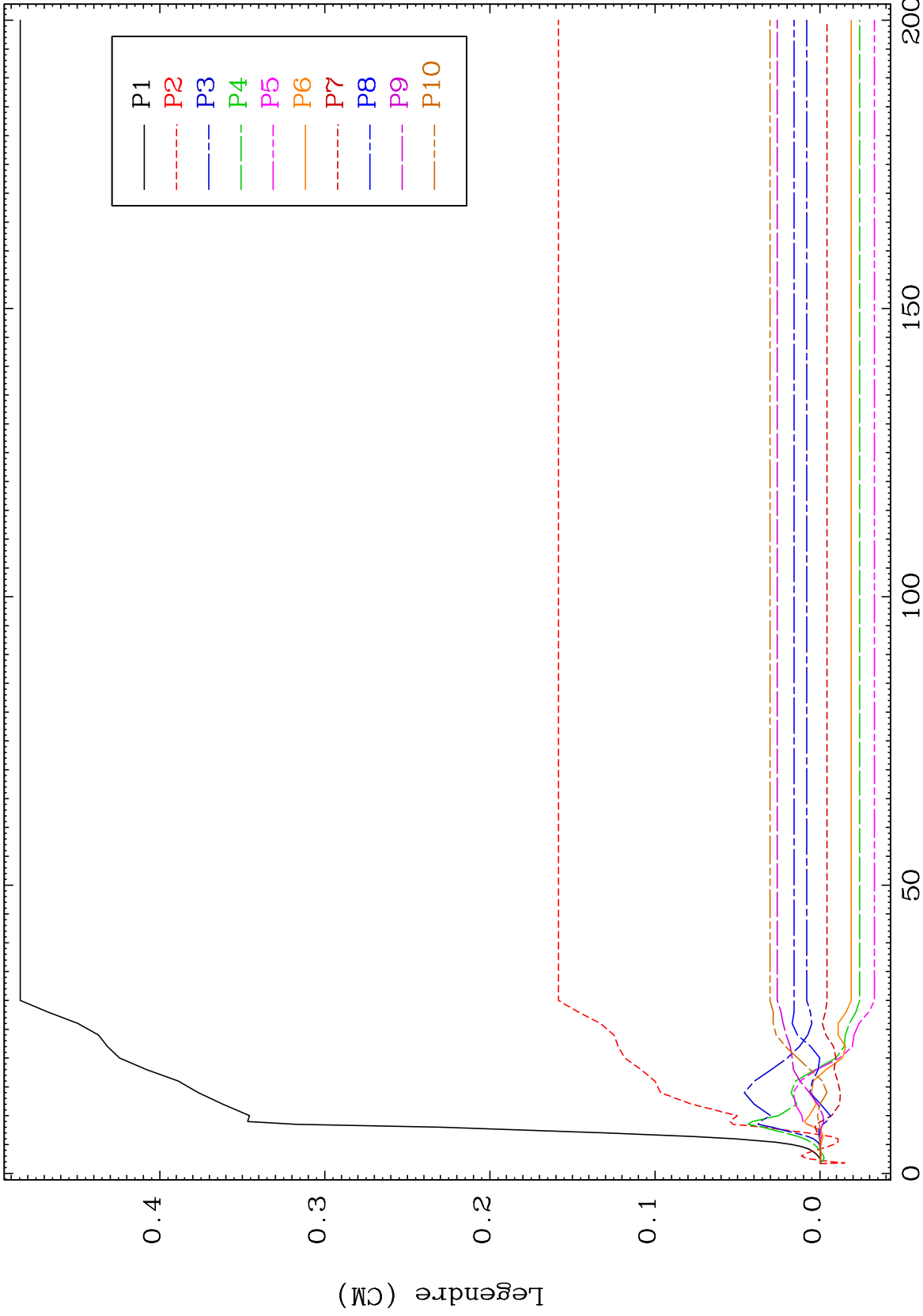
Incident Energy (MeV)

87-Fr-211

MAT 8722

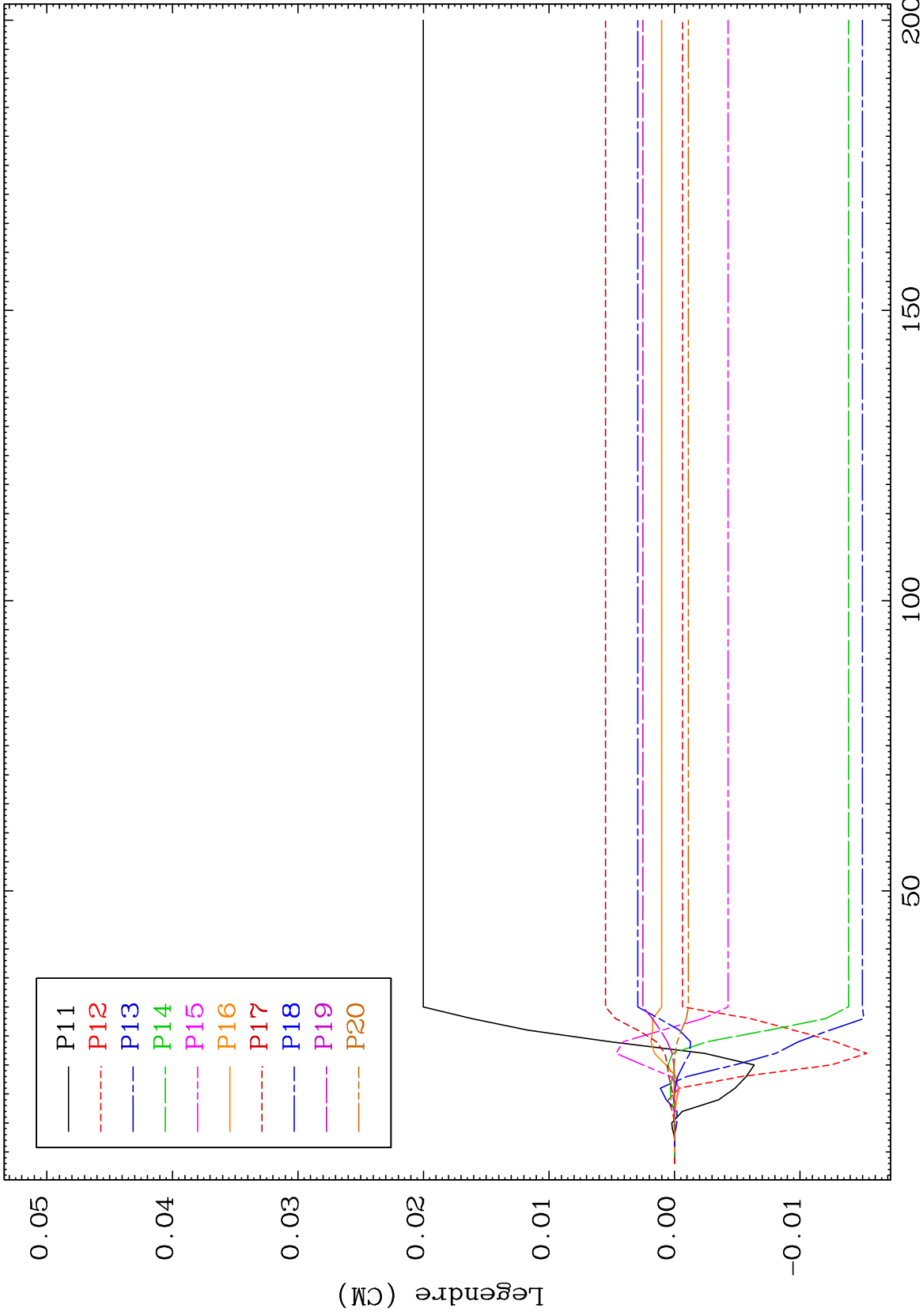
MT= 59 (n,n') Level
Legendre Coefficients

87-Fr-211



87-Fr-211

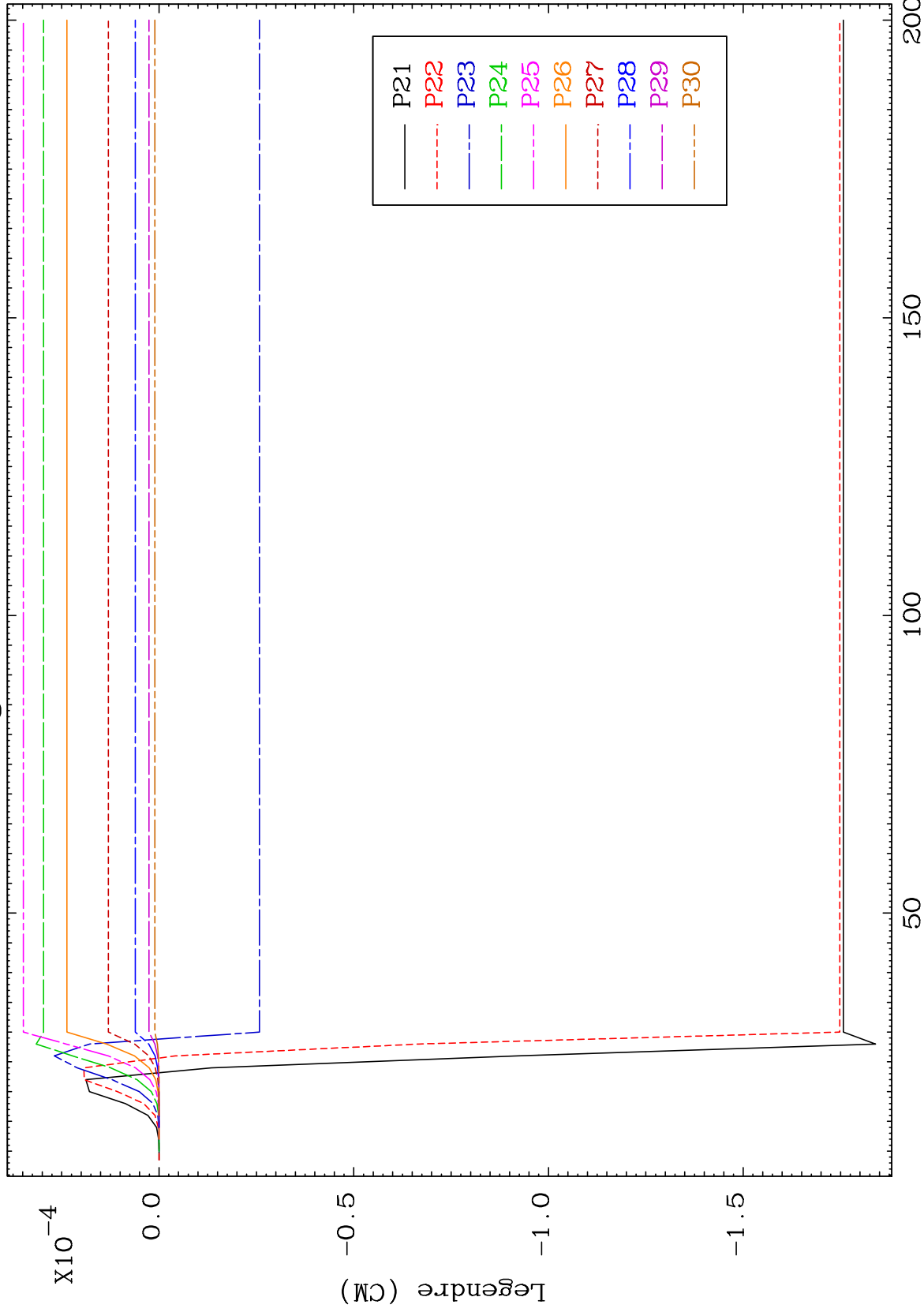
Incident Energy (MeV)



MAT 8722

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

87-Fr-211



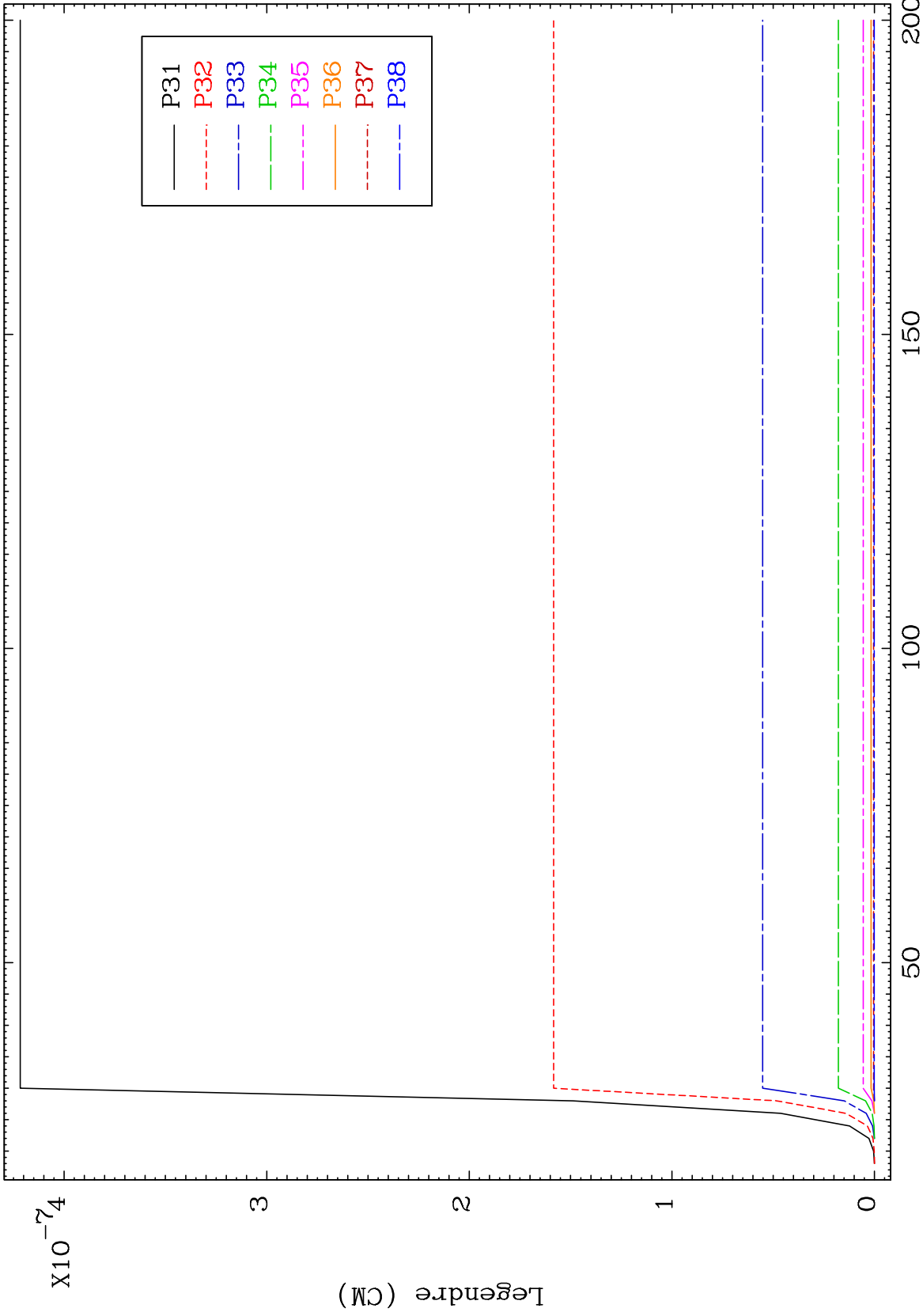
52

87-Fr-211

MAT 8722

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

87-Fr-211



53

Incident Energy (MeV)

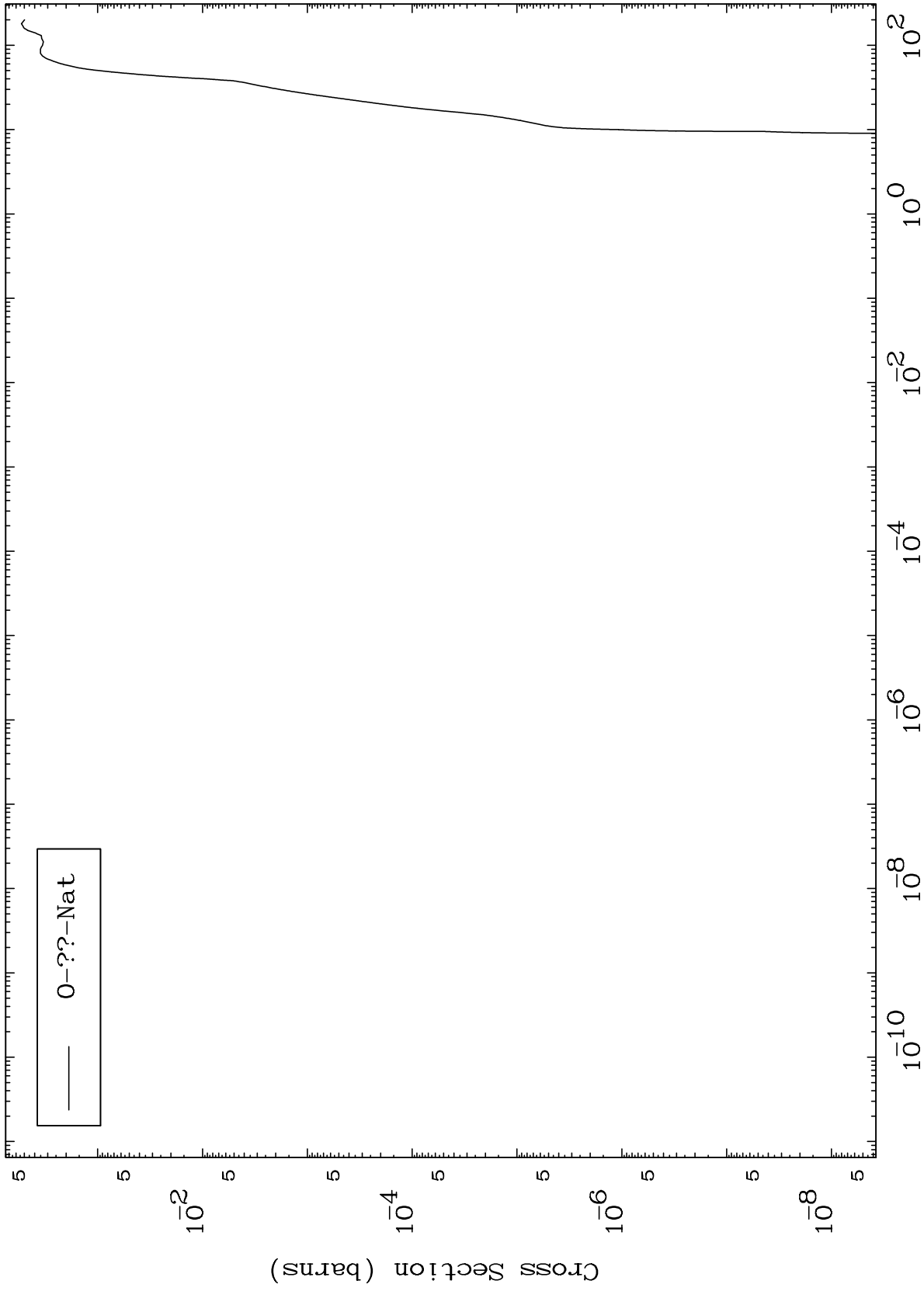
87-Fr-211

MAT 8722

Fission

⁸⁷Fr-211

Radionuclide Production Cross Section



54

Incident Energy (MeV)

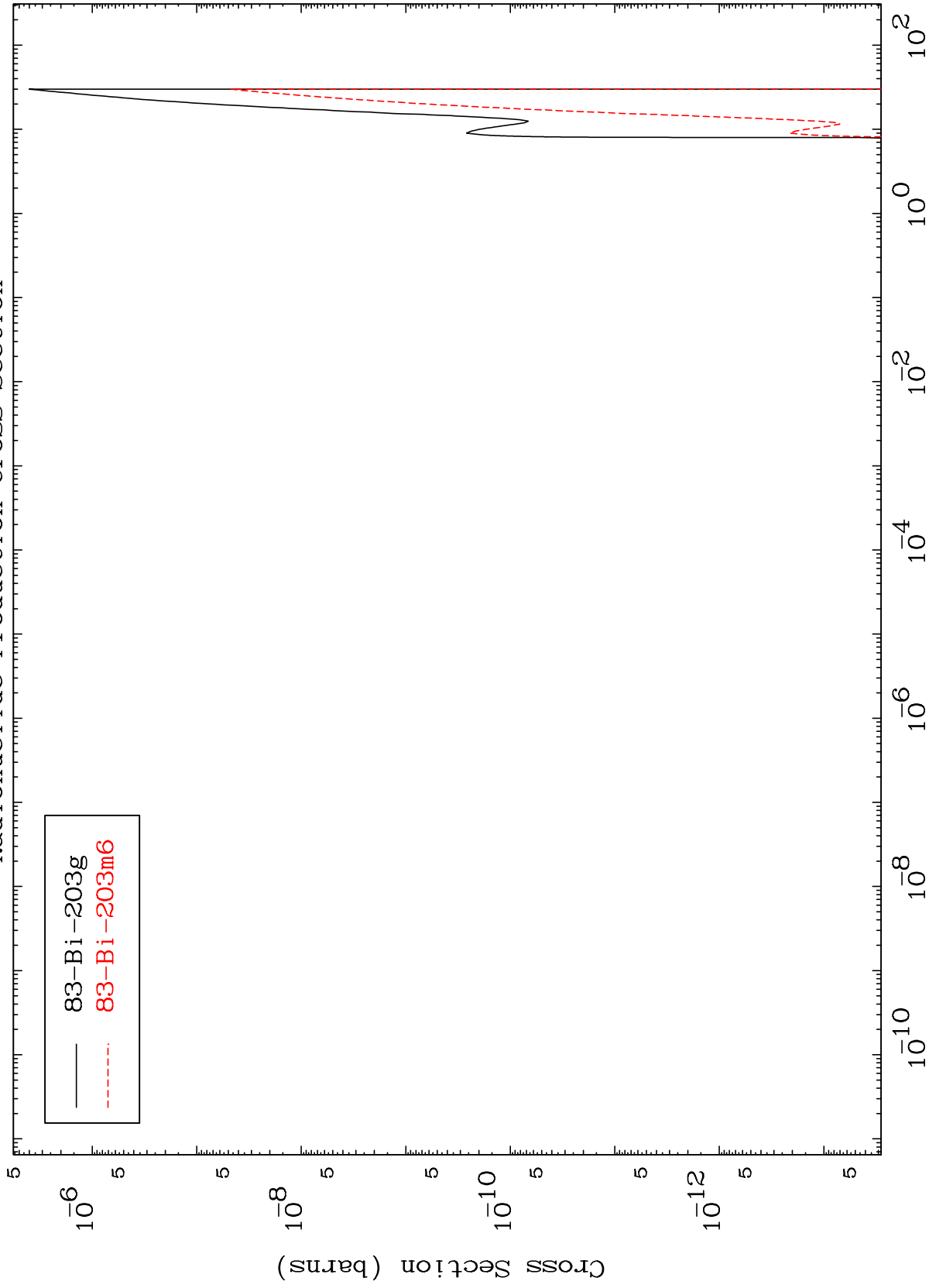
⁸⁷Fr-211

MAT 8722

(n,n') 2 α

87-Fr-211

Radionuclide Production Cross Section



55

Incident Energy (MeV)

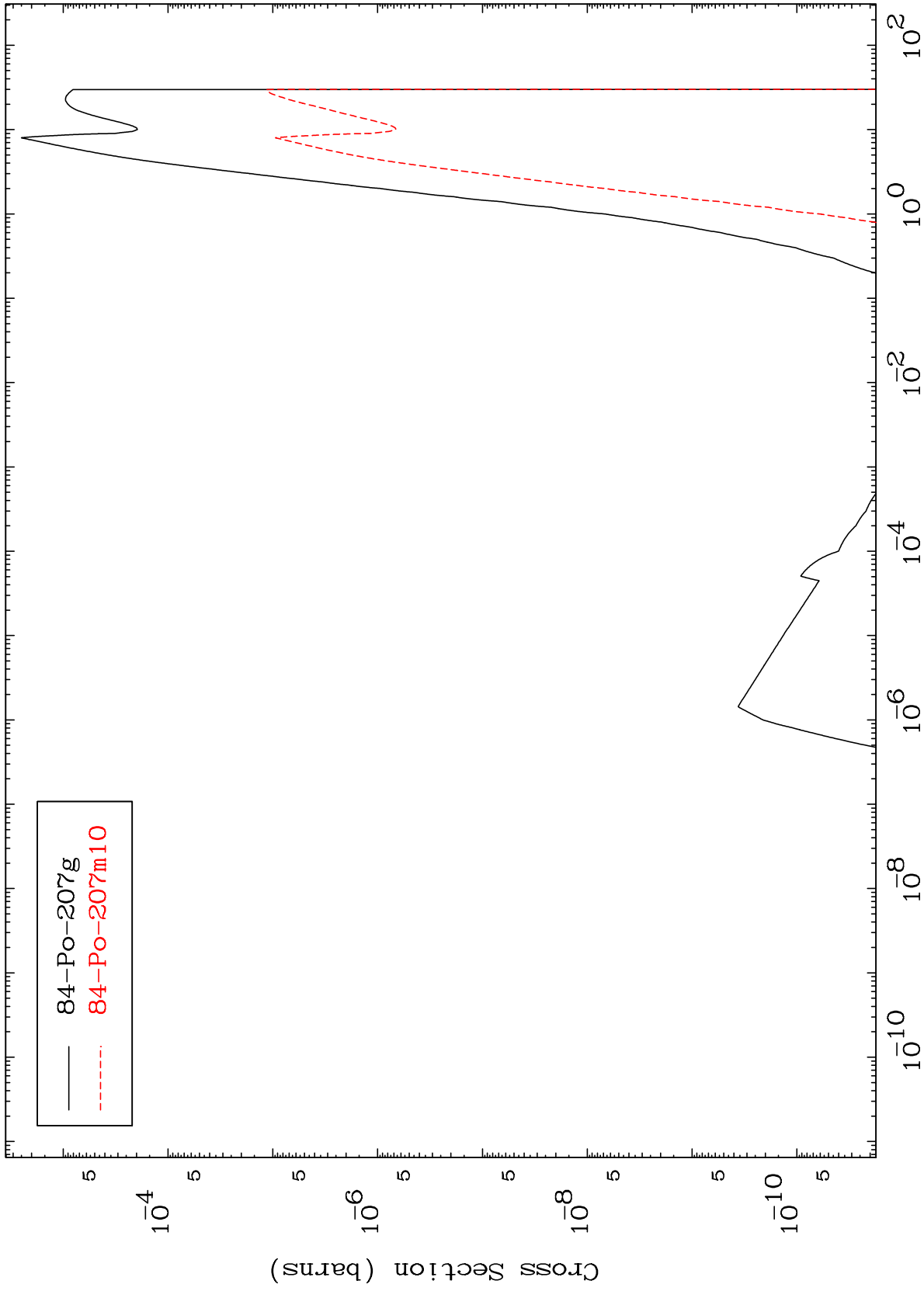
87-Fr-211

MAT 8722

(n,p) α

87-Fr-211

Radionuclide Production Cross Section



56

Incident Energy (MeV)

87-Fr-211