

Program EVALPLOT  
(Version 2018-1)

by

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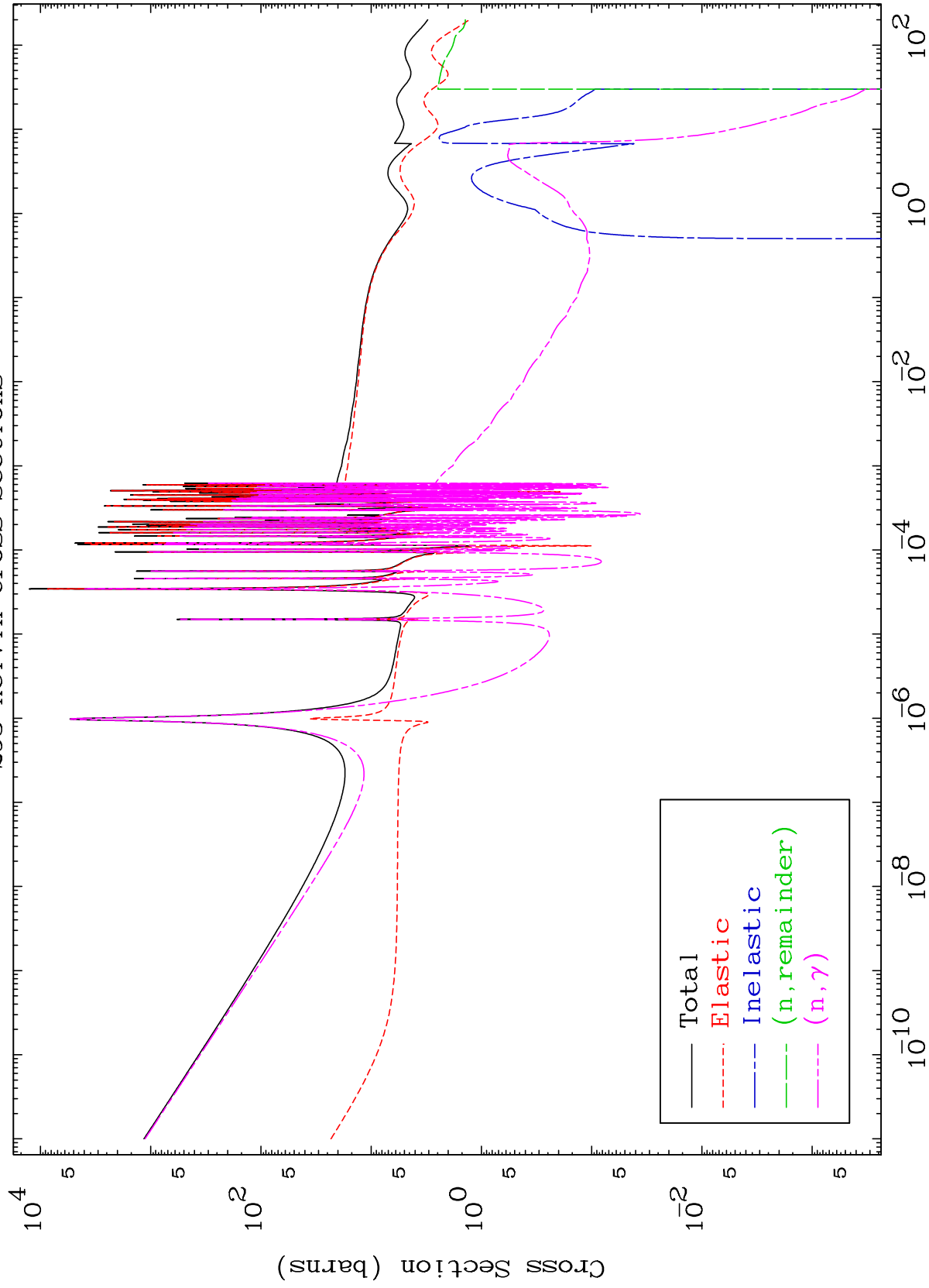
Press Mouse Button to Start

MAT 8728

Major

293 Kelvin Cross Sections

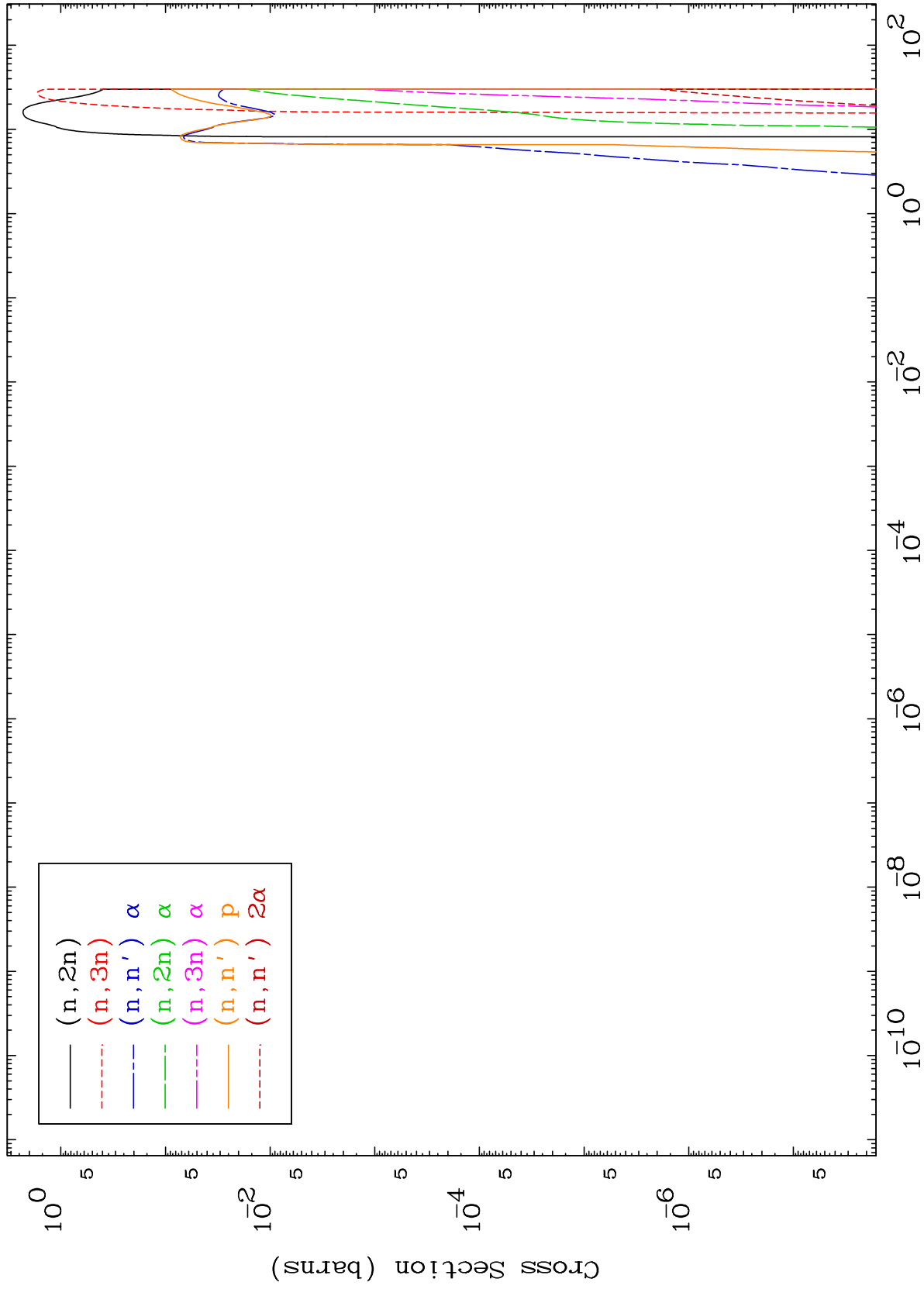
87-Fr-213



MAT 8728

Neutron Production  
293 Kelvin Cross Sections

87-Fr-213



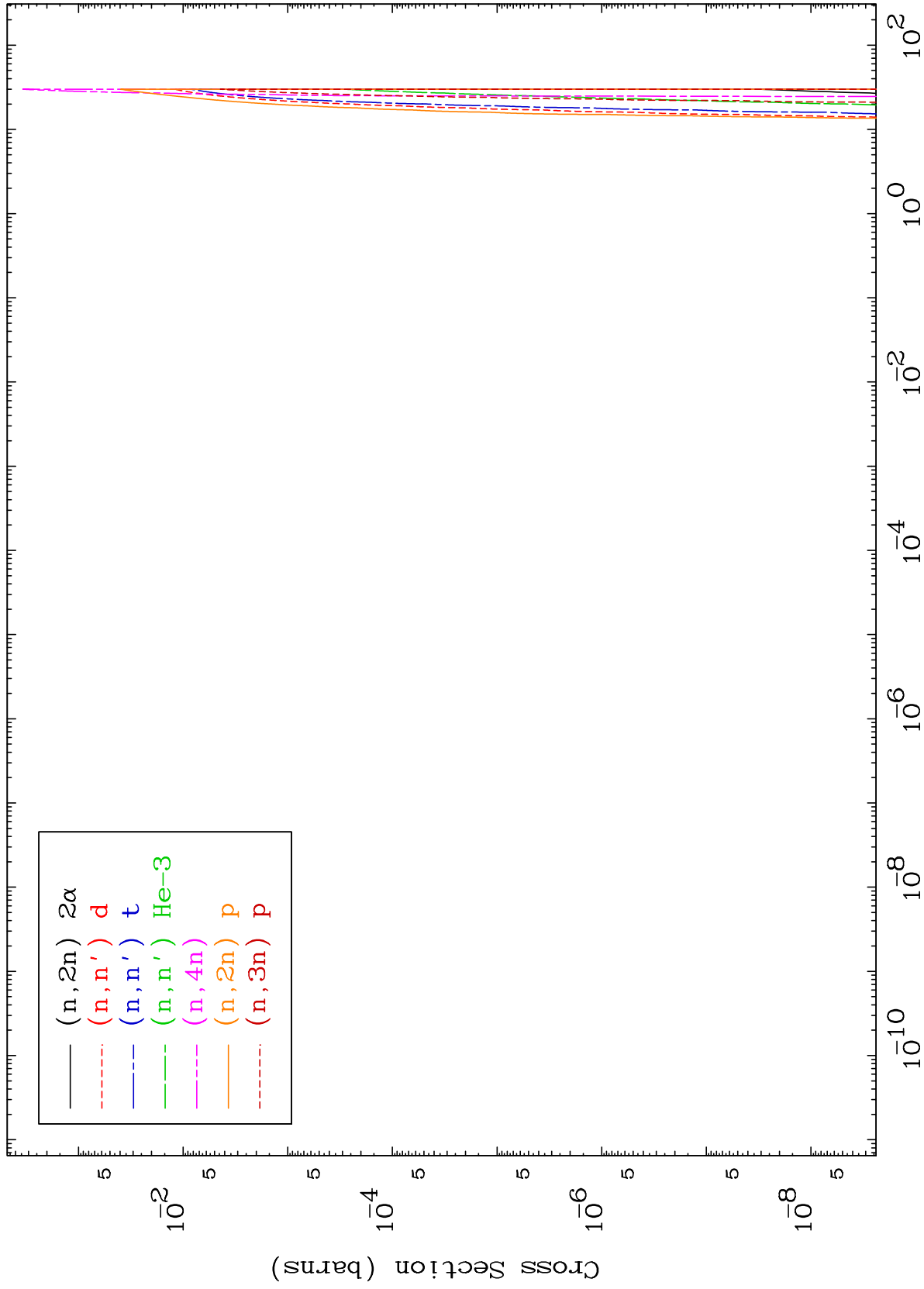
2

87-Fr-213

MAT 8728

Neutron Production  
293 Kelvin Cross Sections

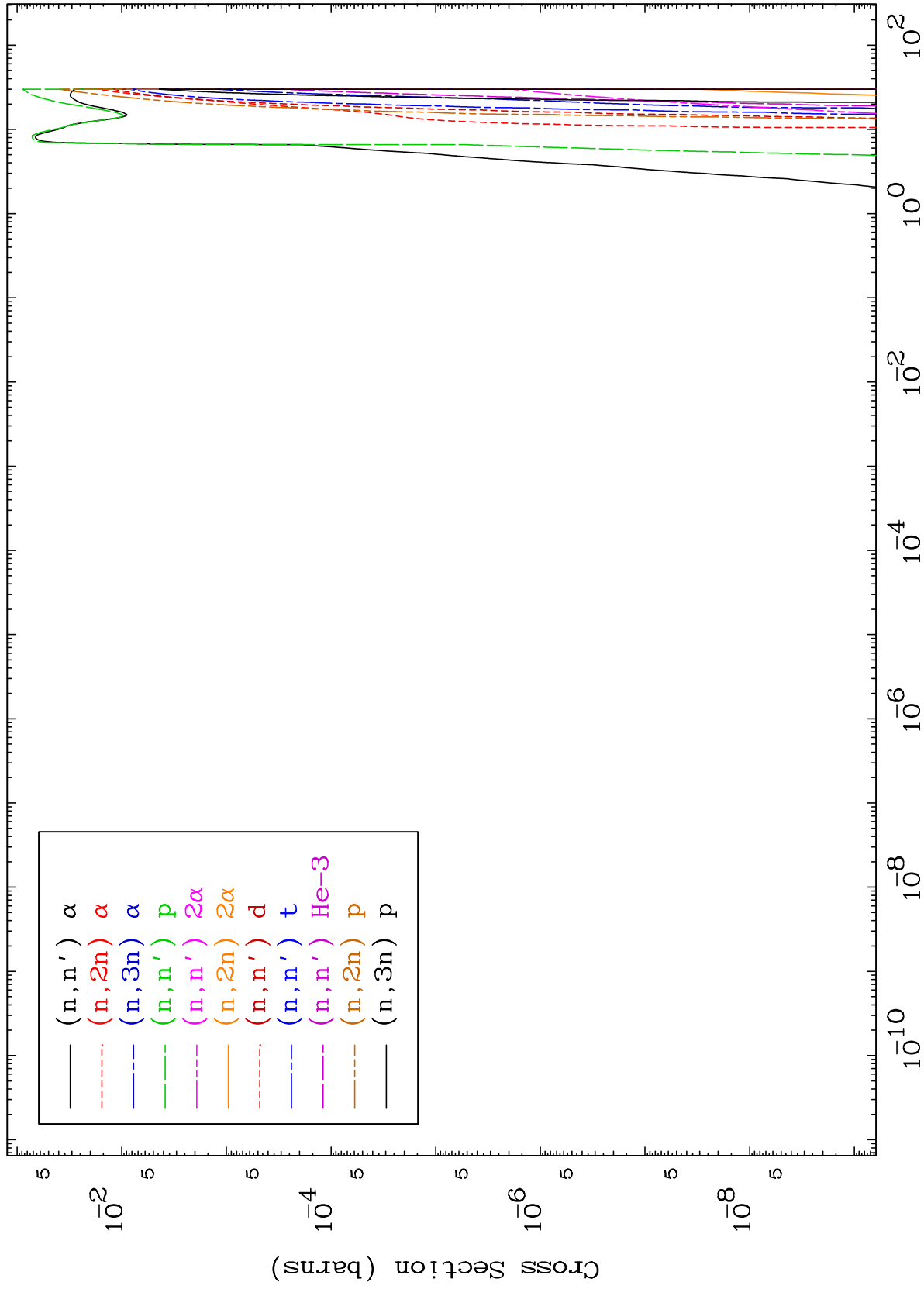
87-Fr-213



MAT 8728

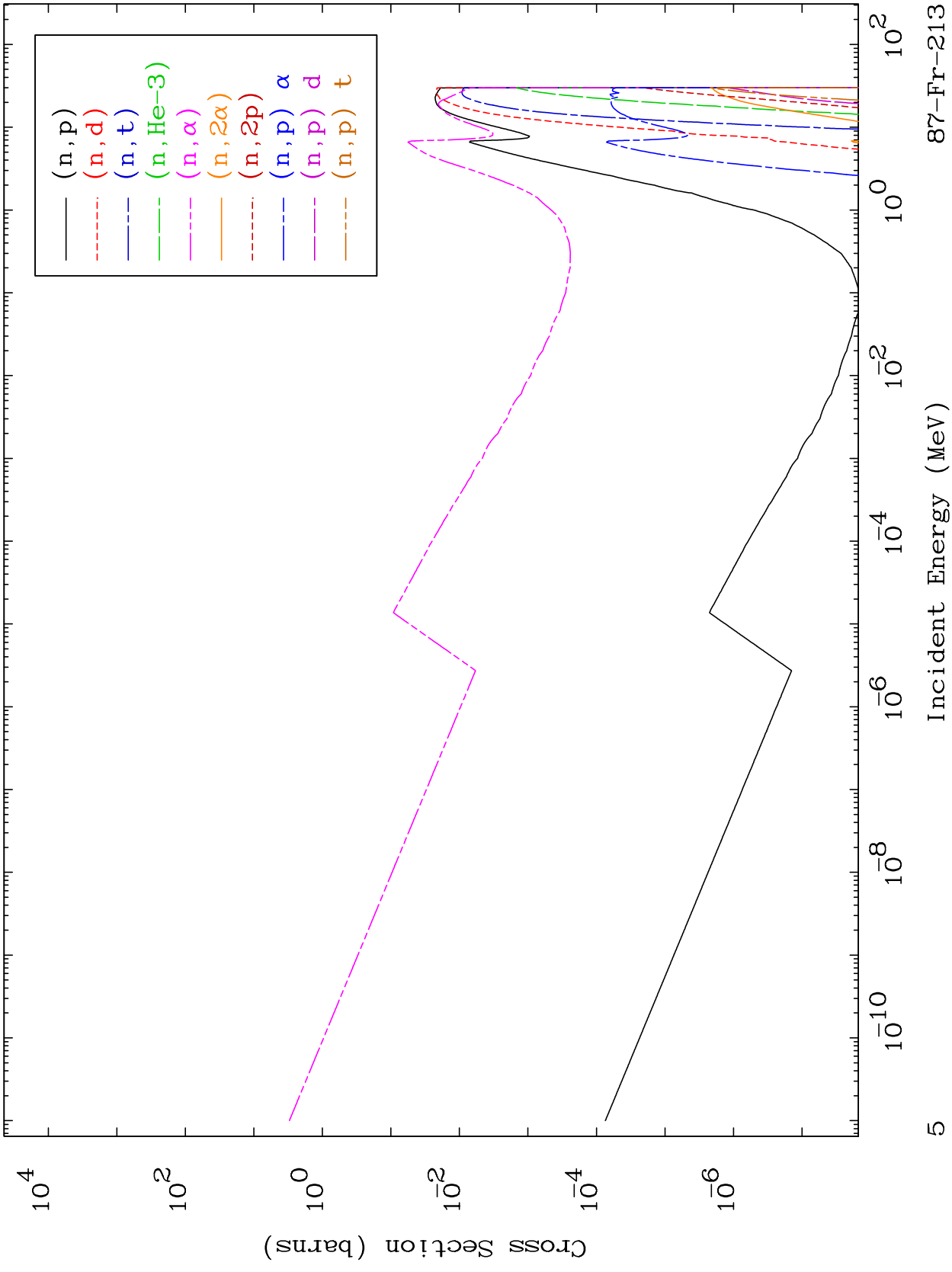
Charged Particle  
293 Kelvin Cross Sections

87-Fr-213



87-Fr-213

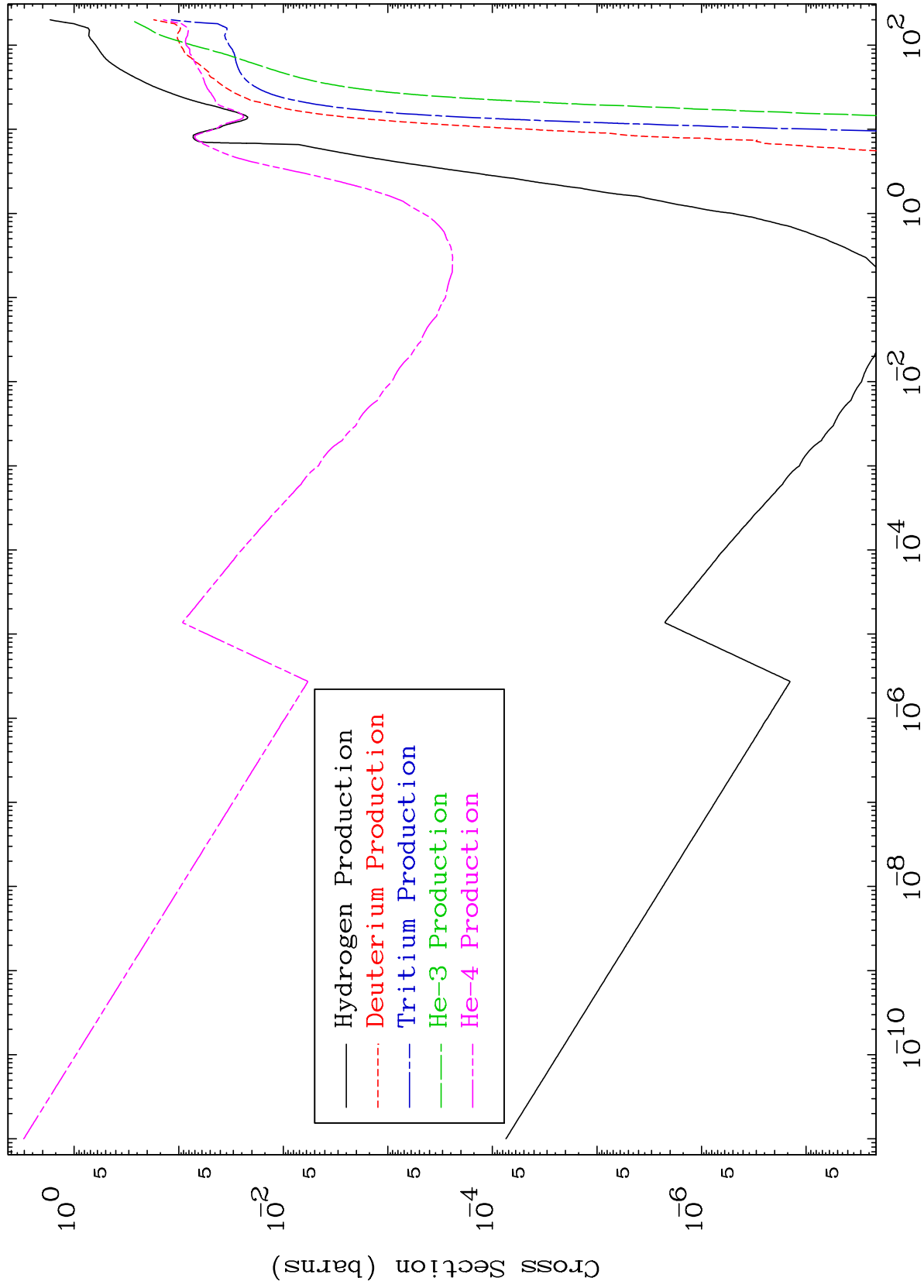
Incident Energy (MeV)



MAT 8728

Particle Production  
293 Kelvin Cross Sections

87-Fr-213



6

Incident Energy (MeV)

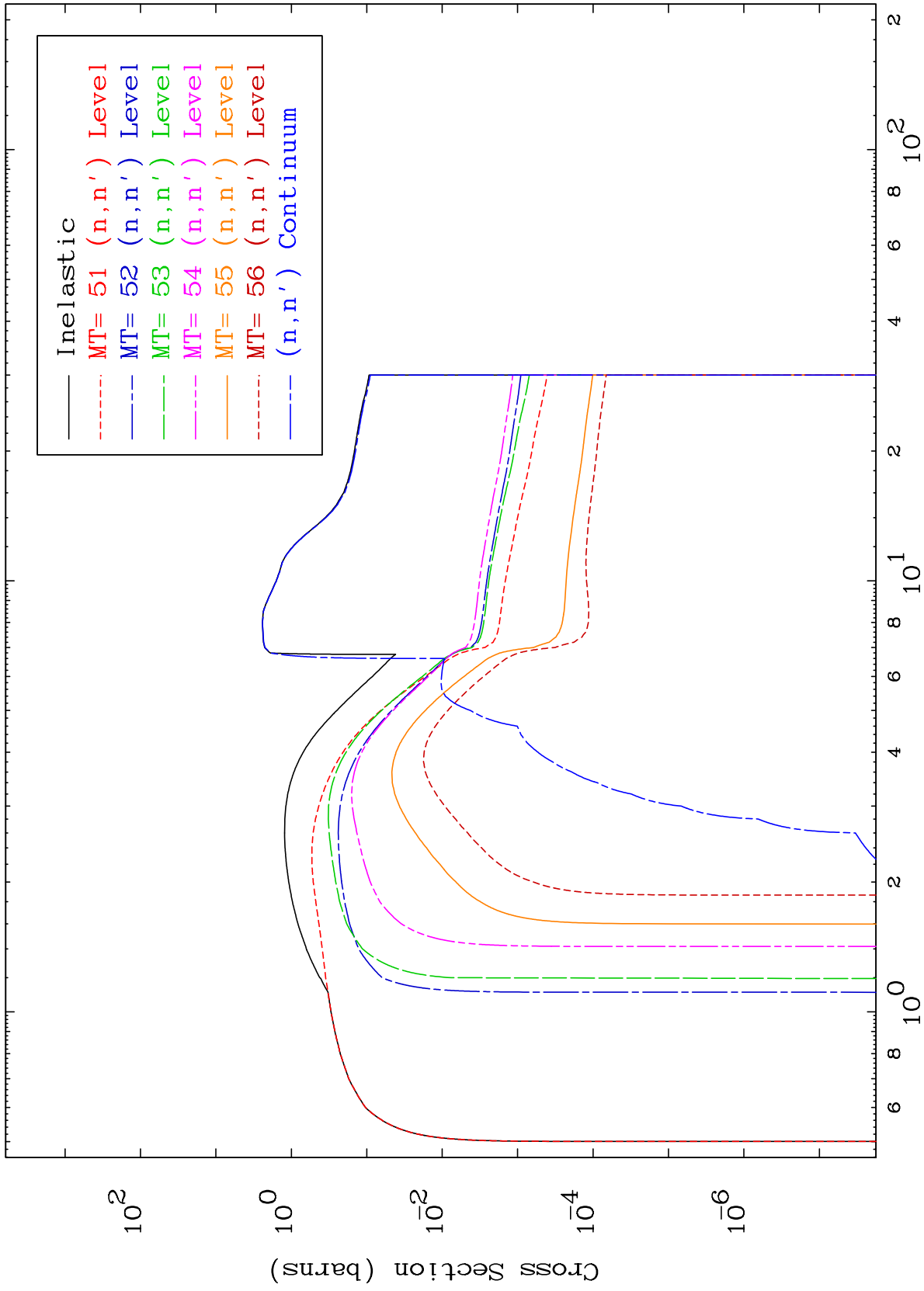
87-Fr-213

MAT 8728

(n,n') Level

87-Fr-213

293 Kelvin Cross Sections



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Incident Energy (MeV)

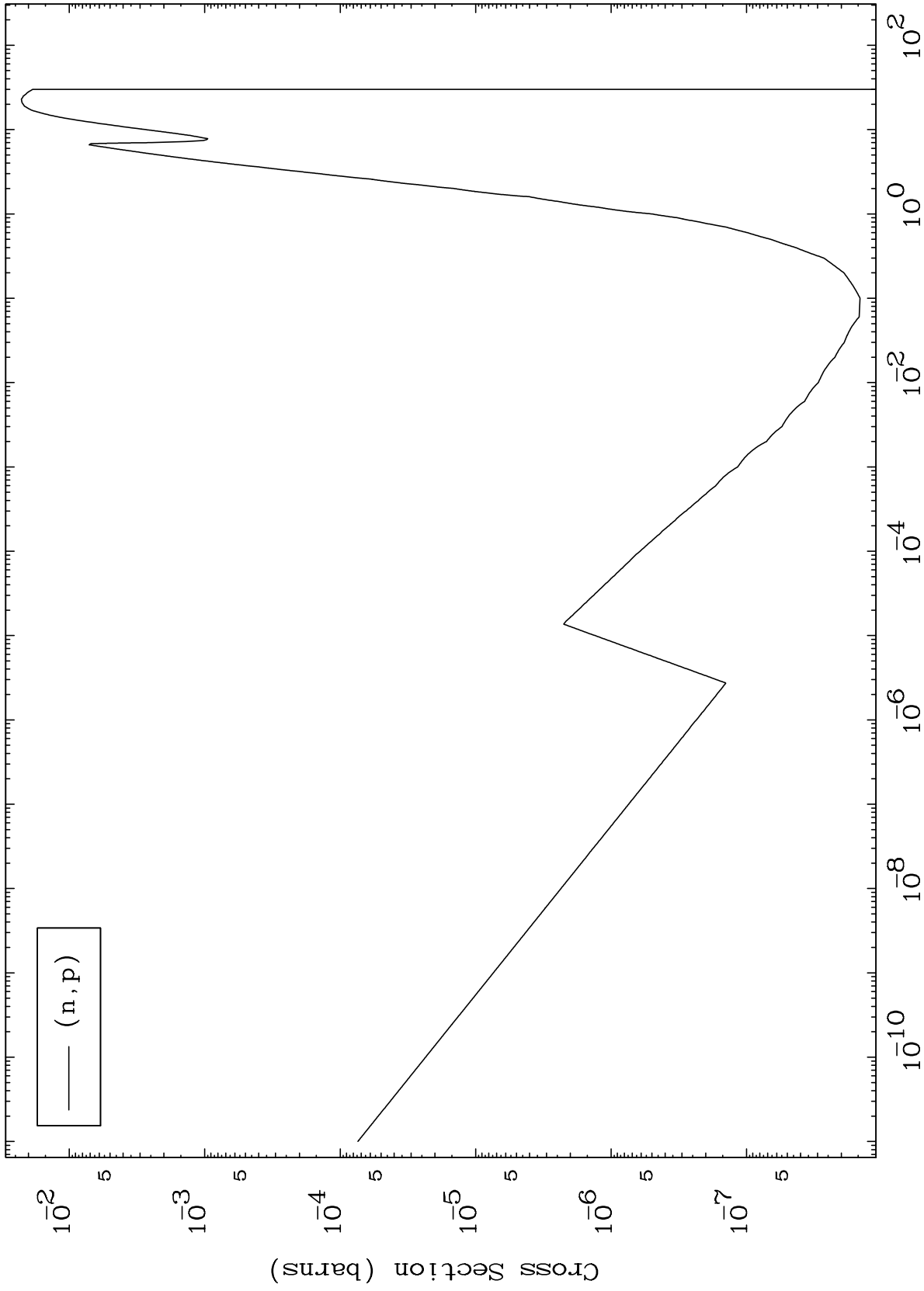
87-Fr-213



MAT 8728

(n,p) Levels  
293 Kelvin Cross Sections

87-Fr-213



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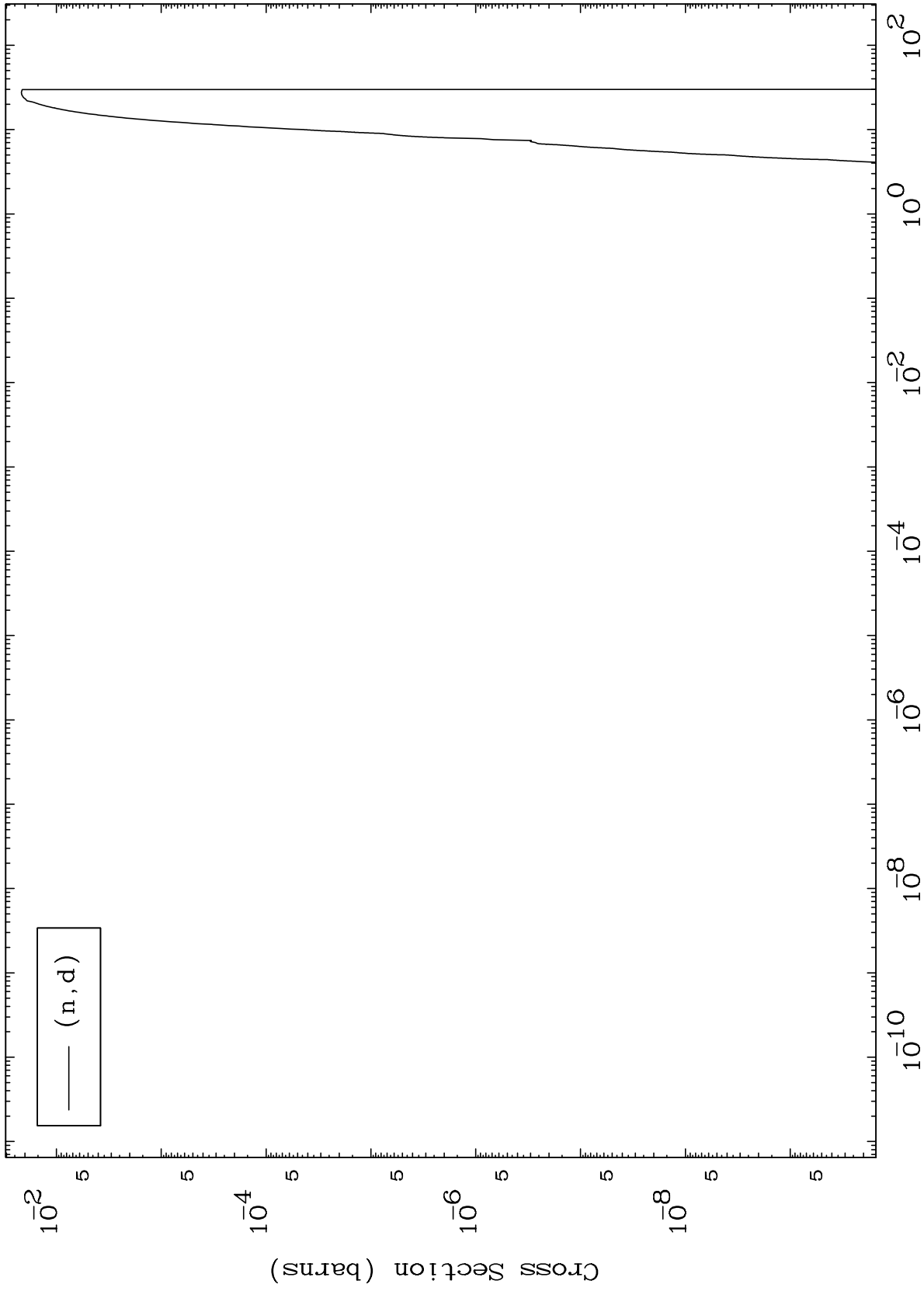
Incident Energy (MeV)

87-Fr-213

MAT 8728

(n,d) Levels  
293 Kelvin Cross Sections

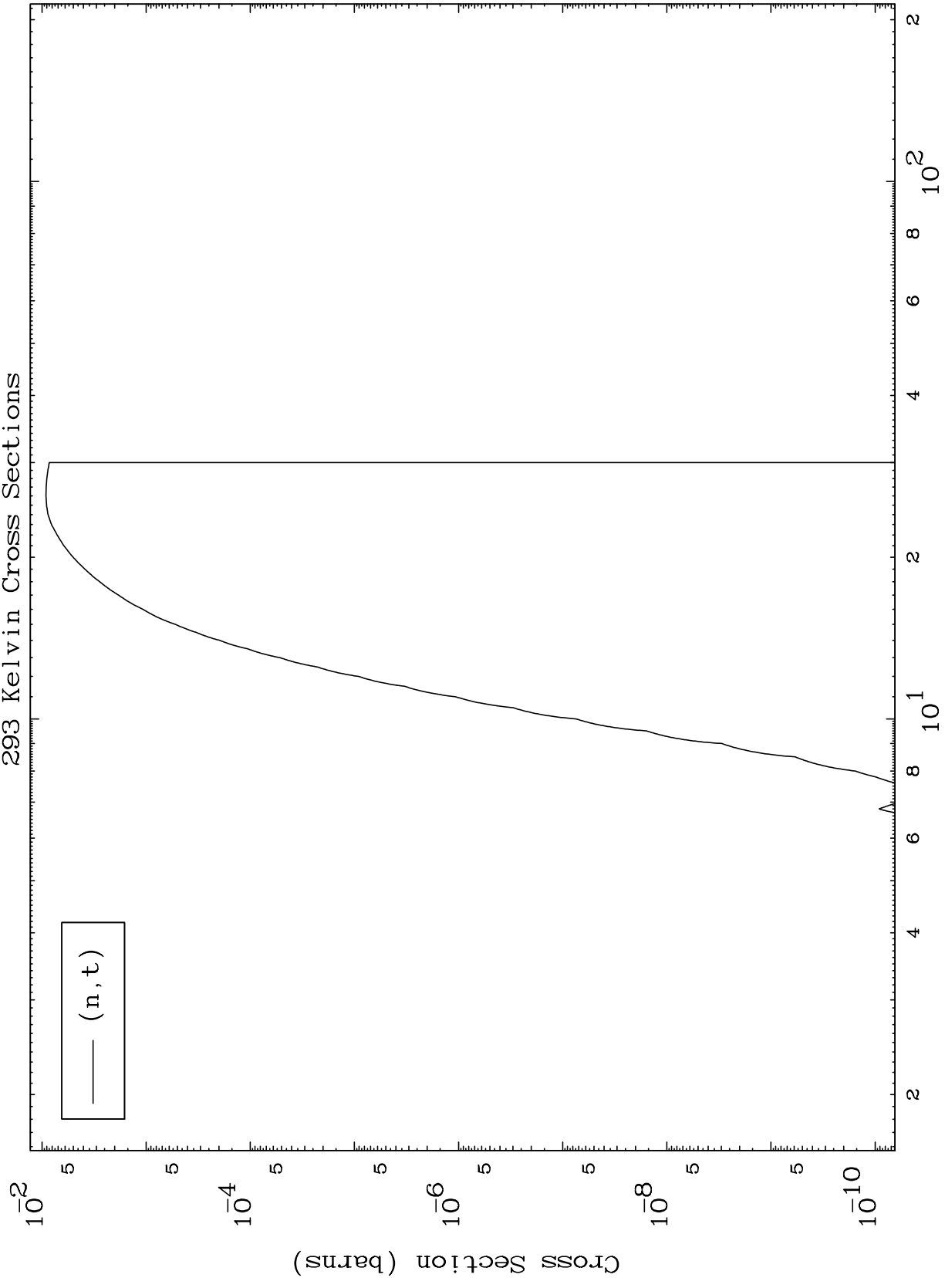
87-Fr-213



MAT 8728

(n,t) Levels  
293 Kelvin Cross Sections

87-Fr-213



10

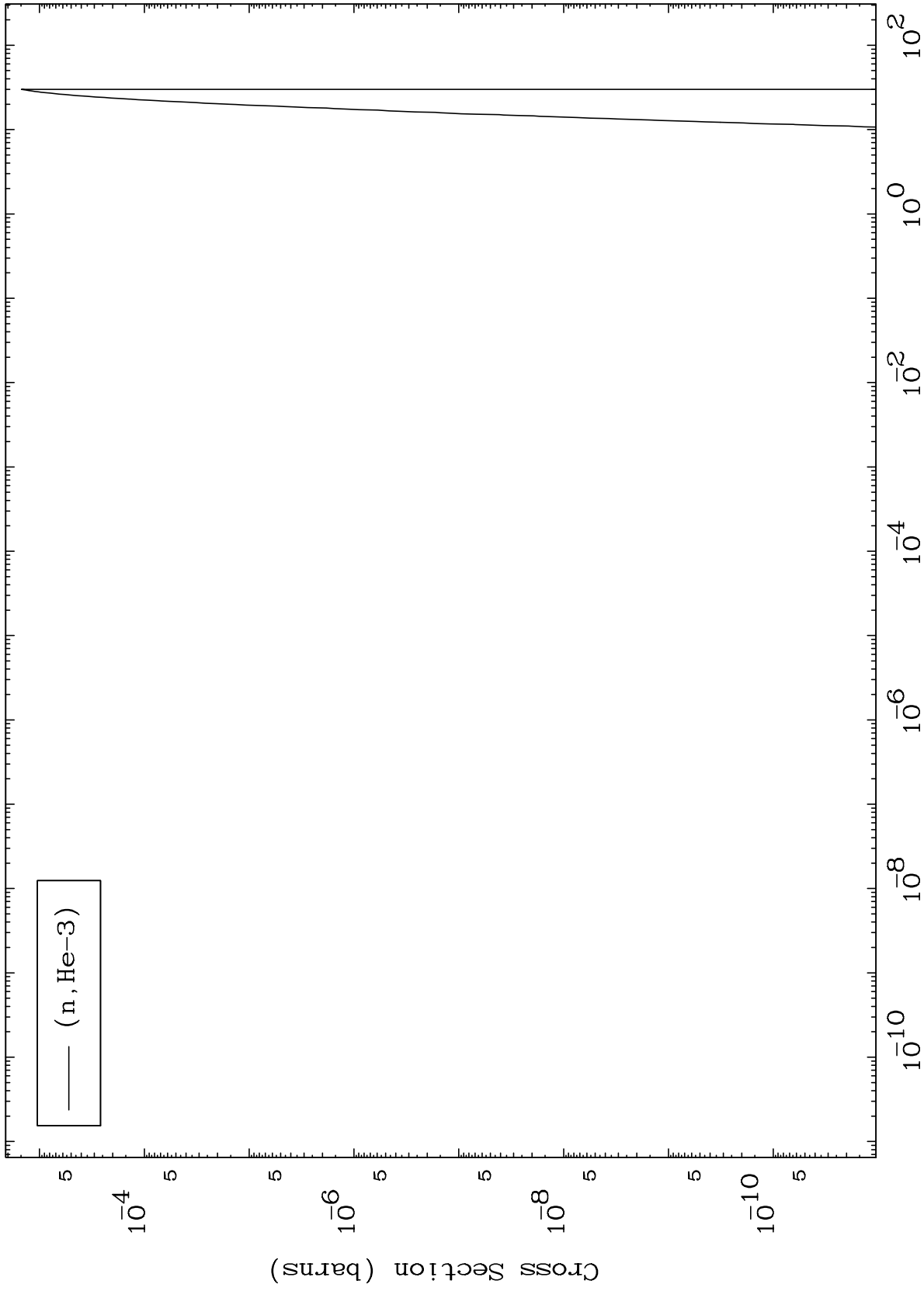
Incident Energy (MeV)

87-Fr-213

MAT 8728

(n,He3) Levels  
293 Kelvin Cross Sections

87-Fr-213



11

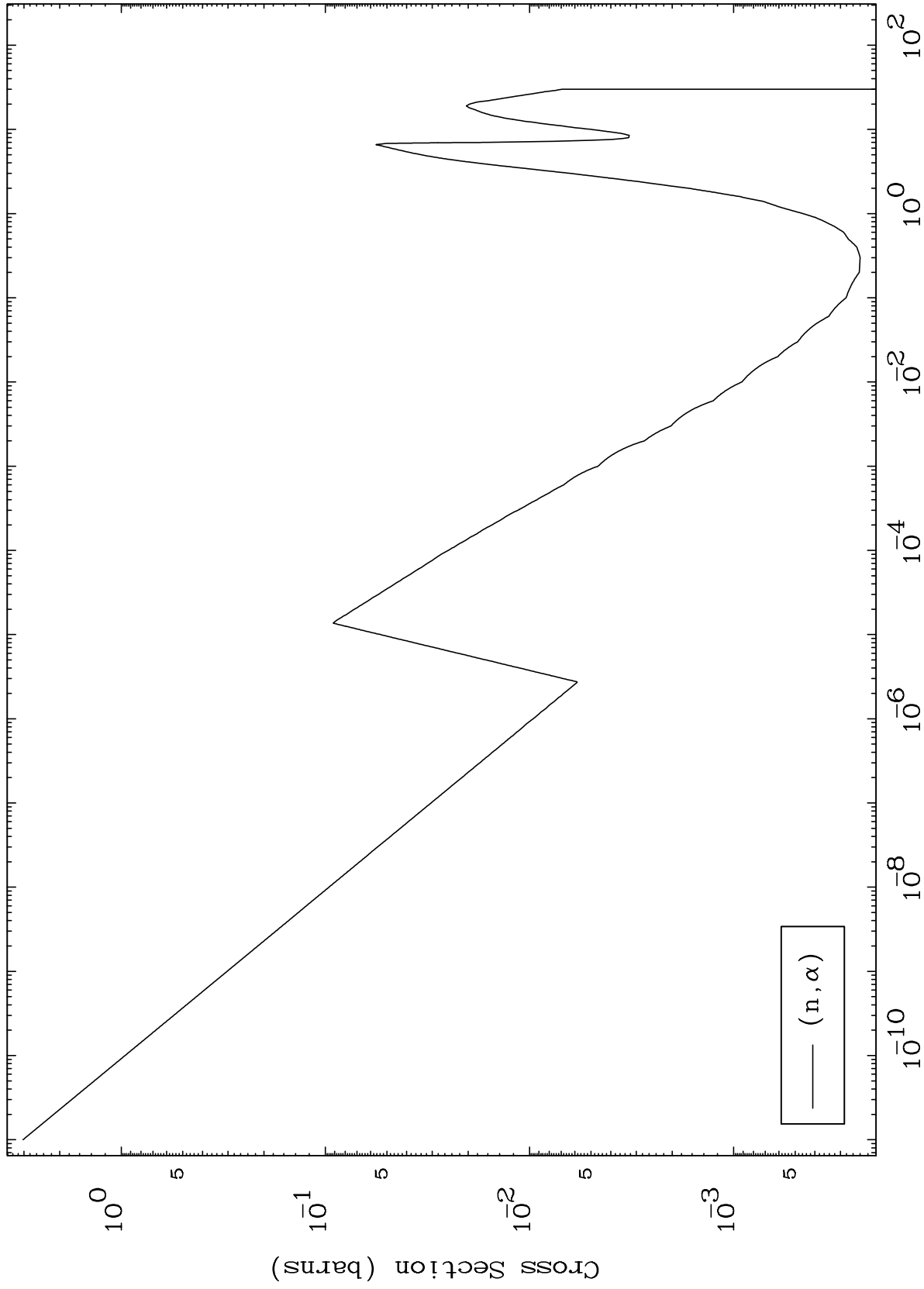
Incident Energy (MeV)

87-Fr-213

MAT 8728

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

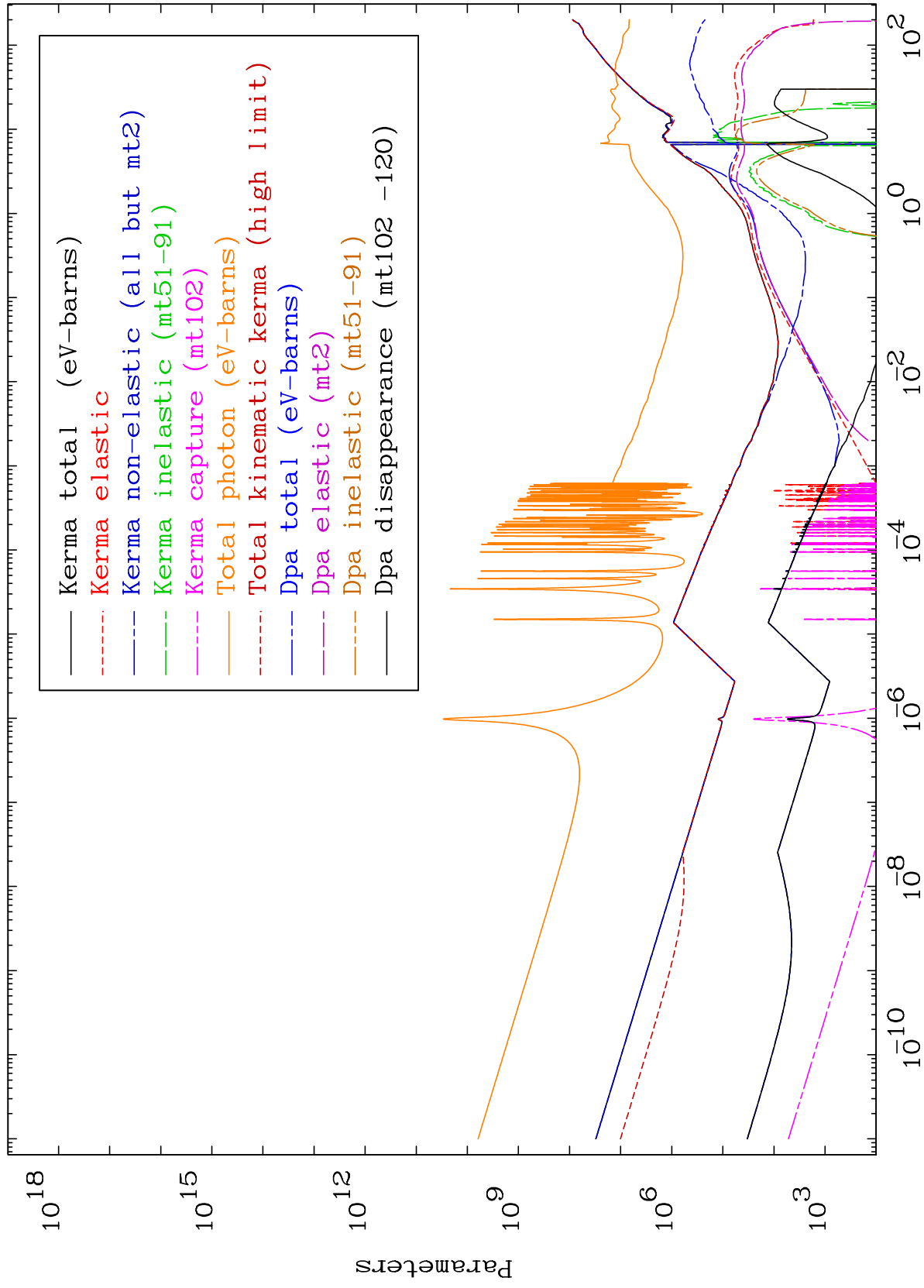
87-Fr-213



12

Incident Energy (MeV)

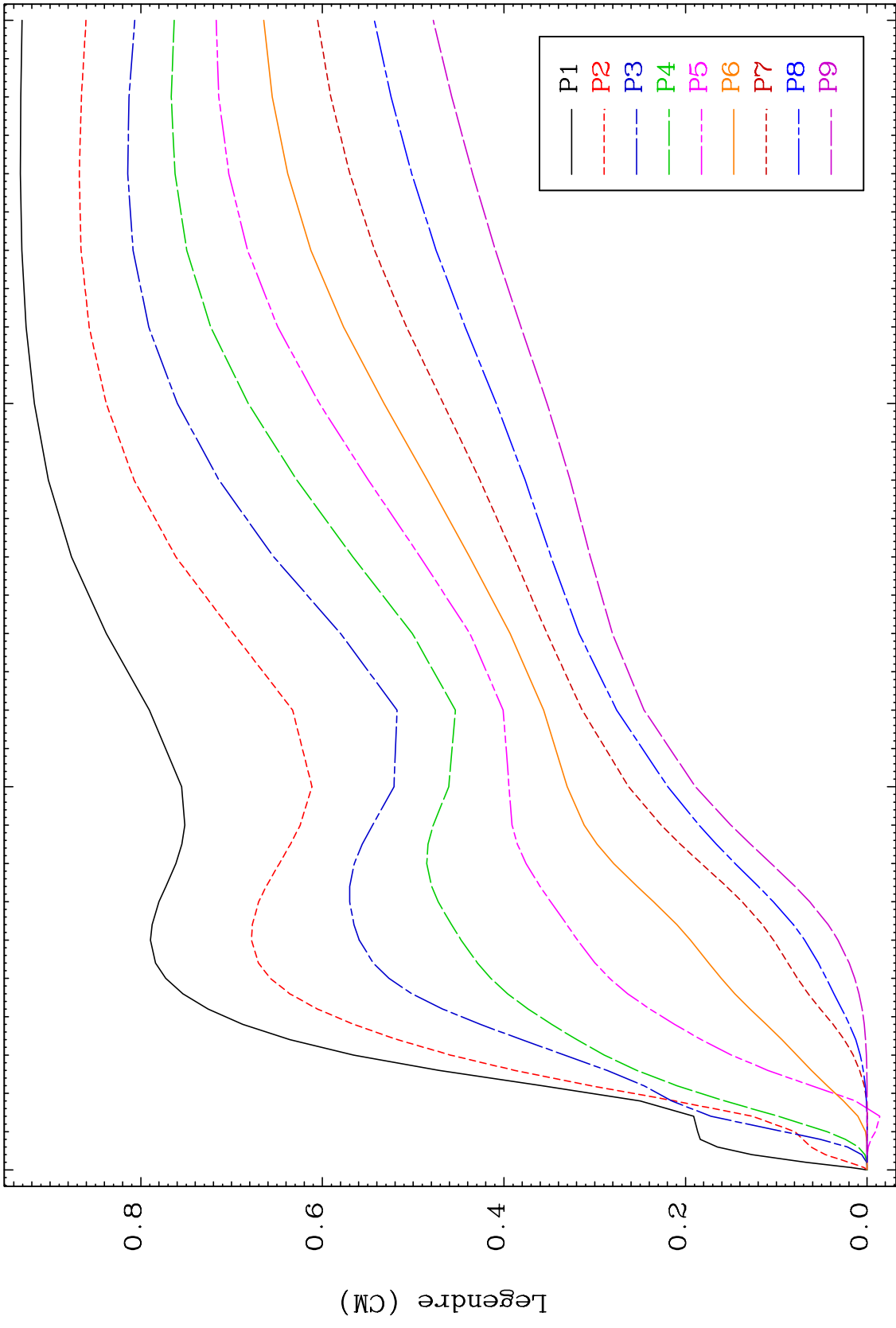
87-Fr-213



MAT 8728

Elastic Legendre Coefficients

87-Fr-213



14

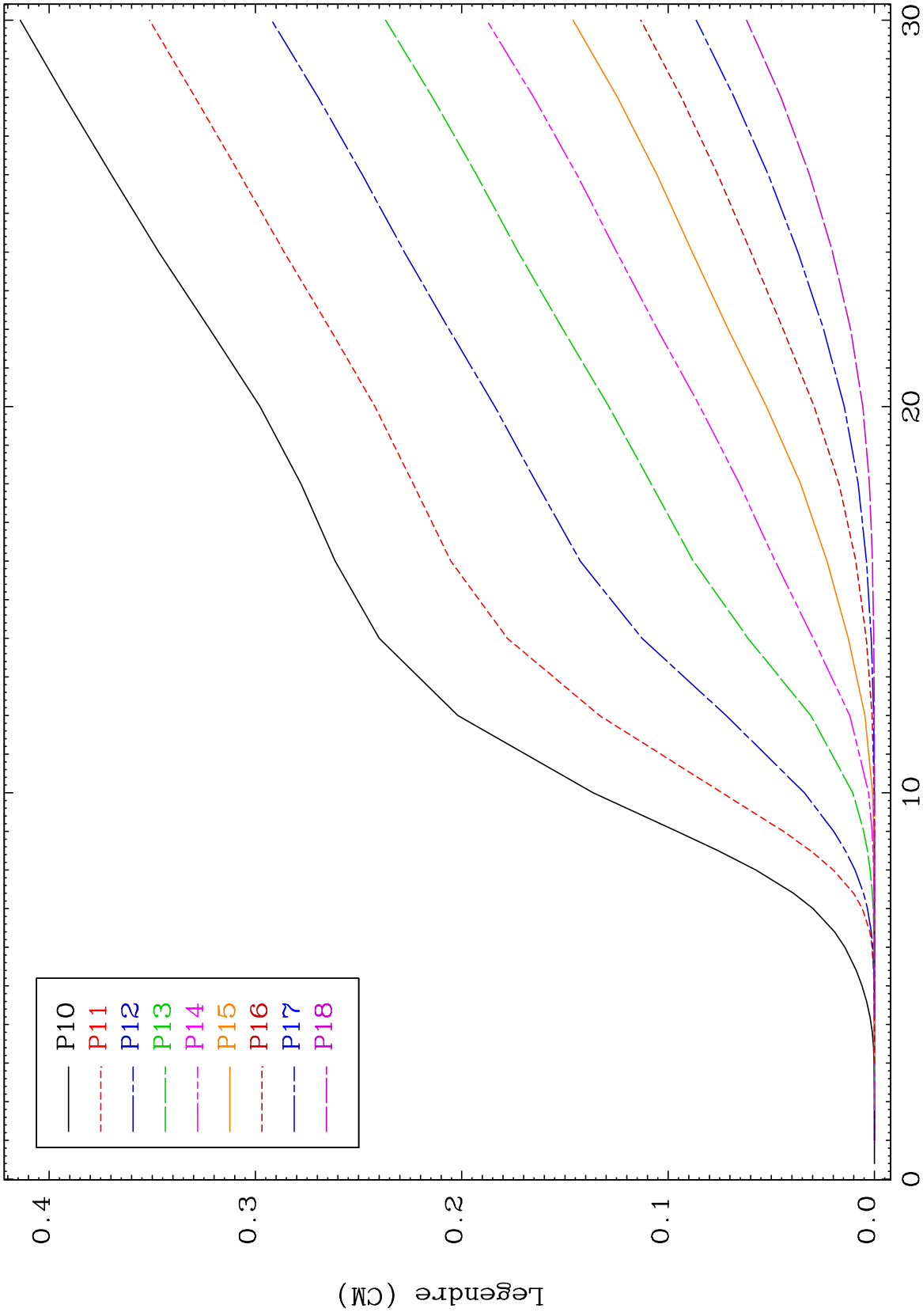
Incident Energy (MeV)

87-Fr-213

MAT 8728

Elastic Legendre Coefficients

87-Fr-213



15

10

Incident Energy (MeV)

20

87-Fr-213

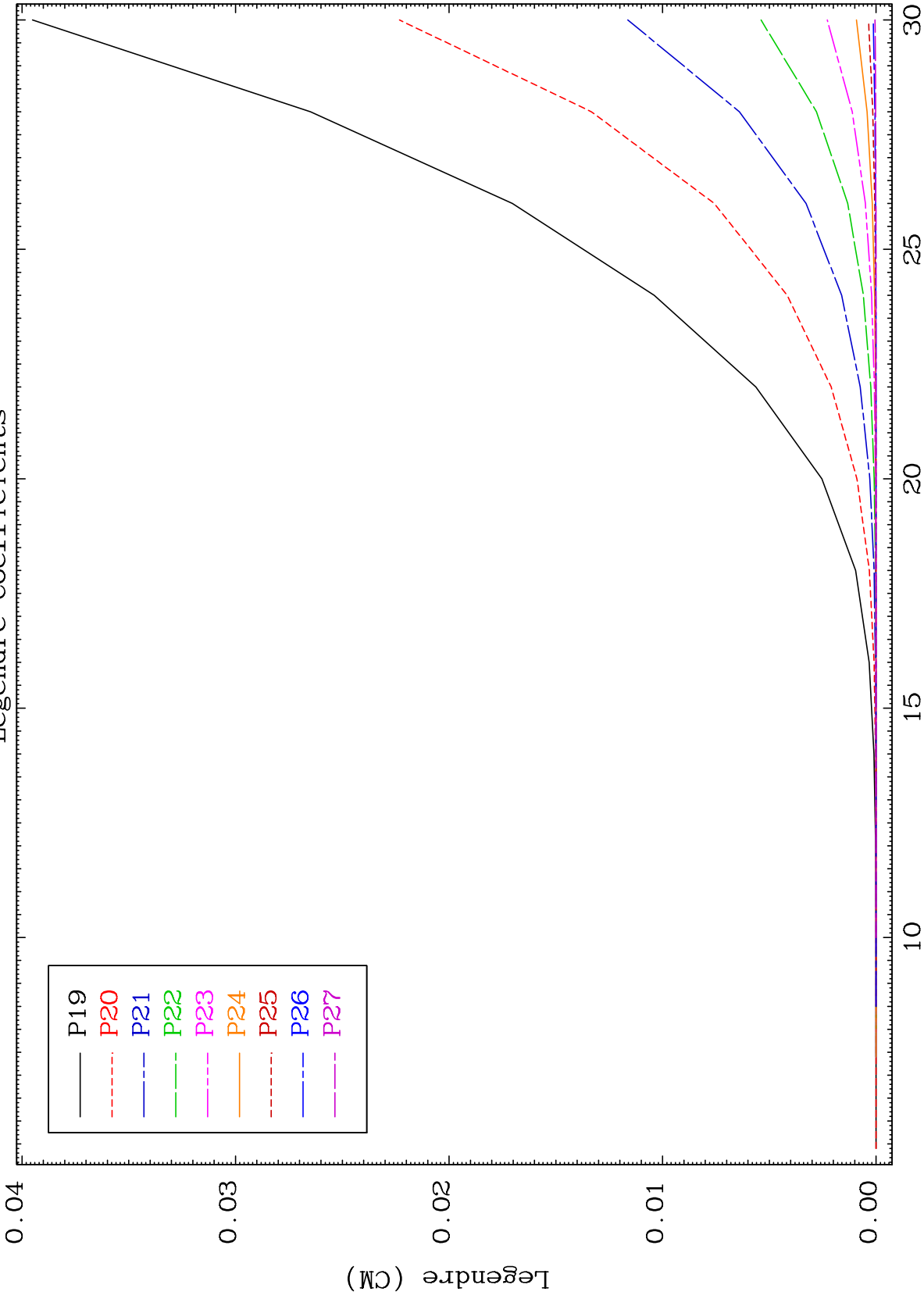
30



MAT 8728

Elastic Legendre Coefficients

87-Fr-213



16

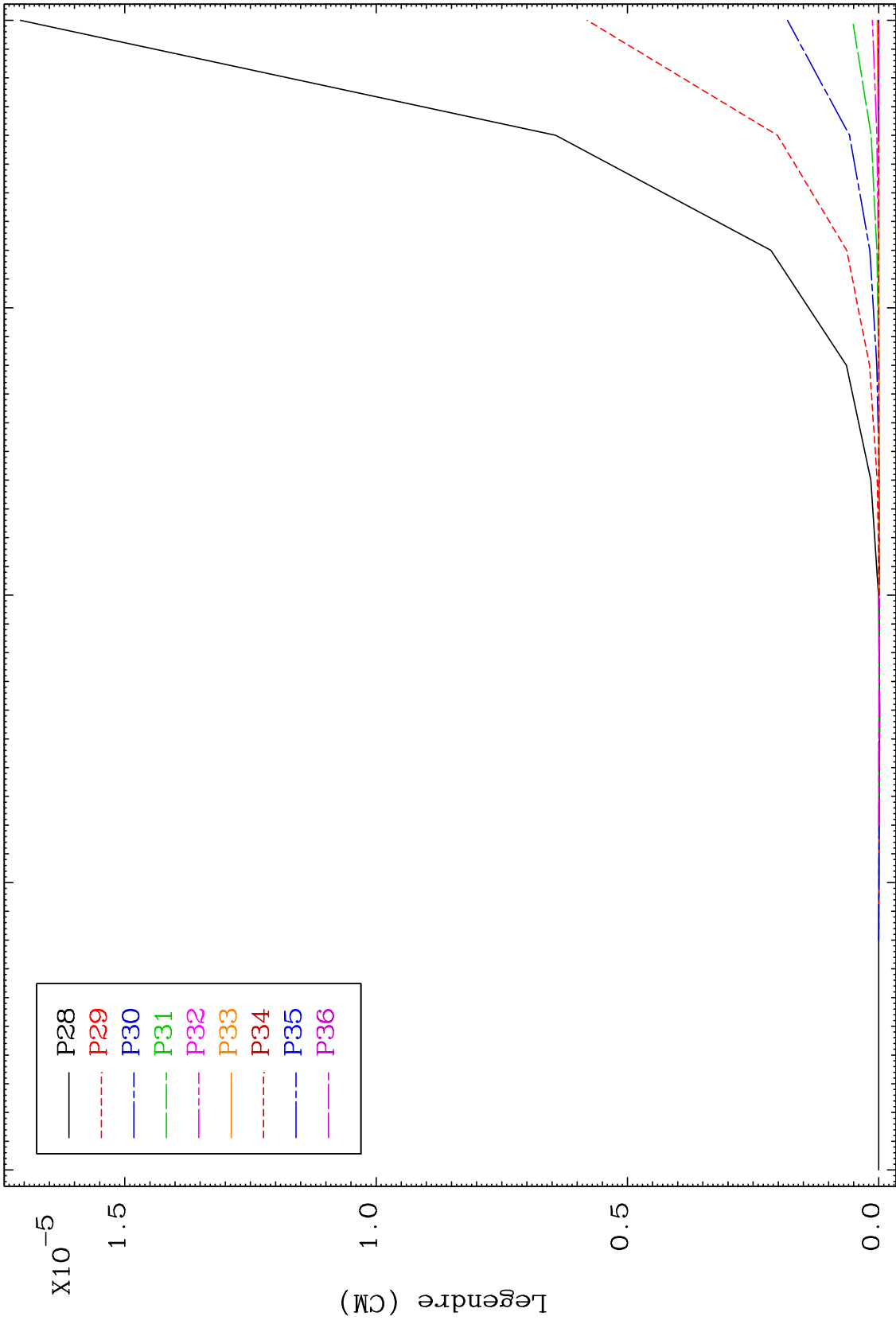
Incident Energy (MeV)

87-Fr-213

MAT 8728

Elastic Legendre Coefficients

87-Fr-213



17

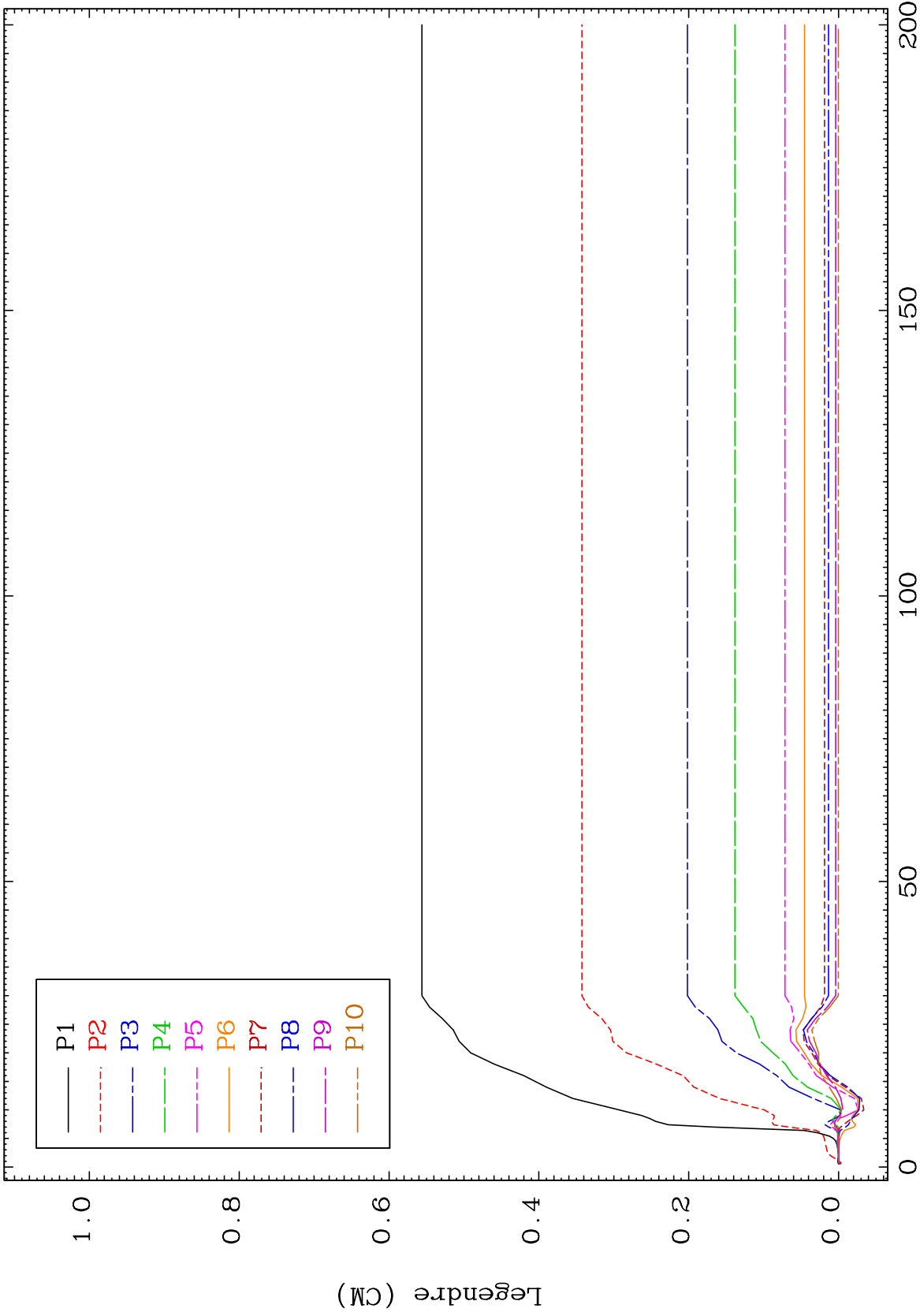
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



18

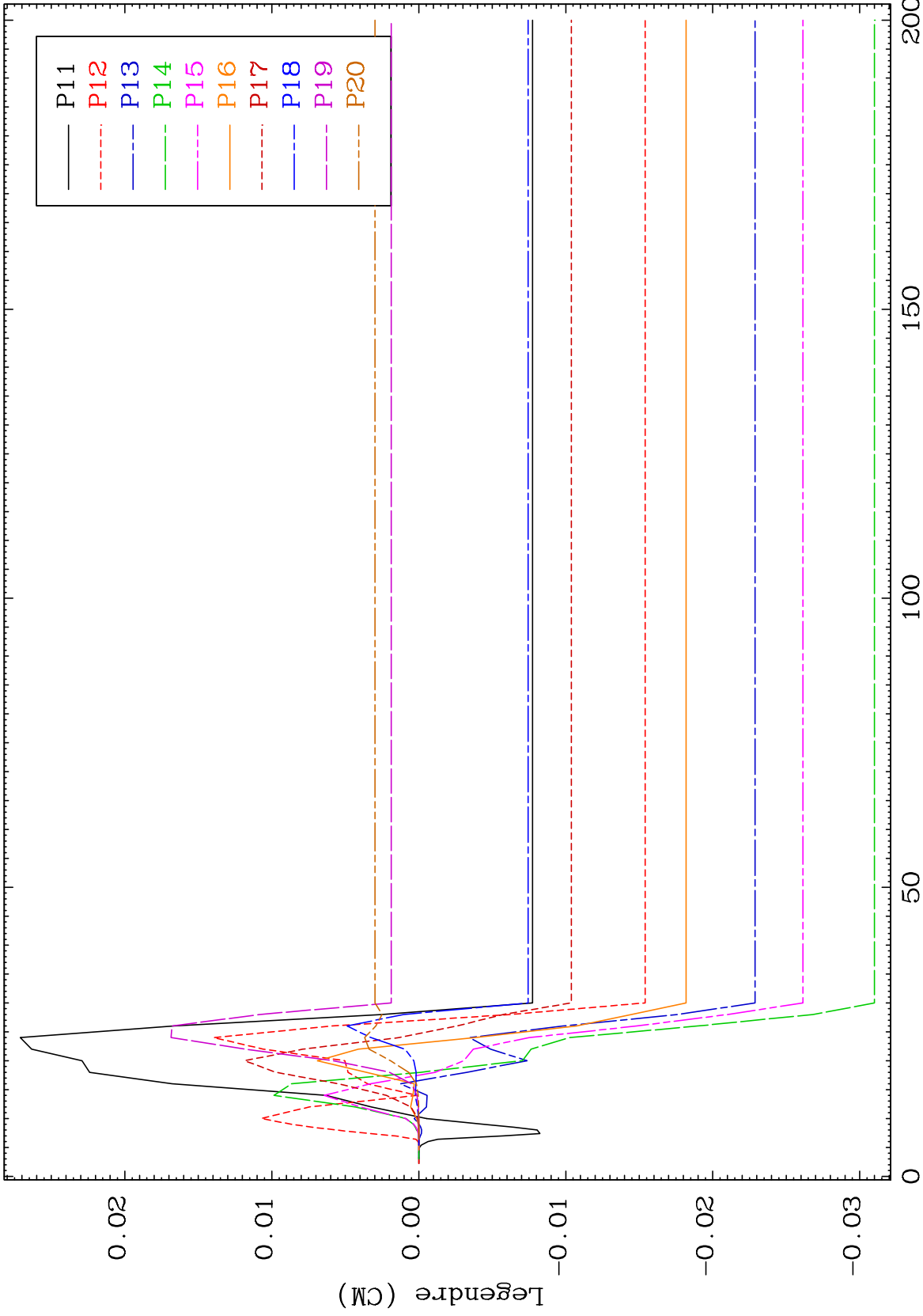
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



19

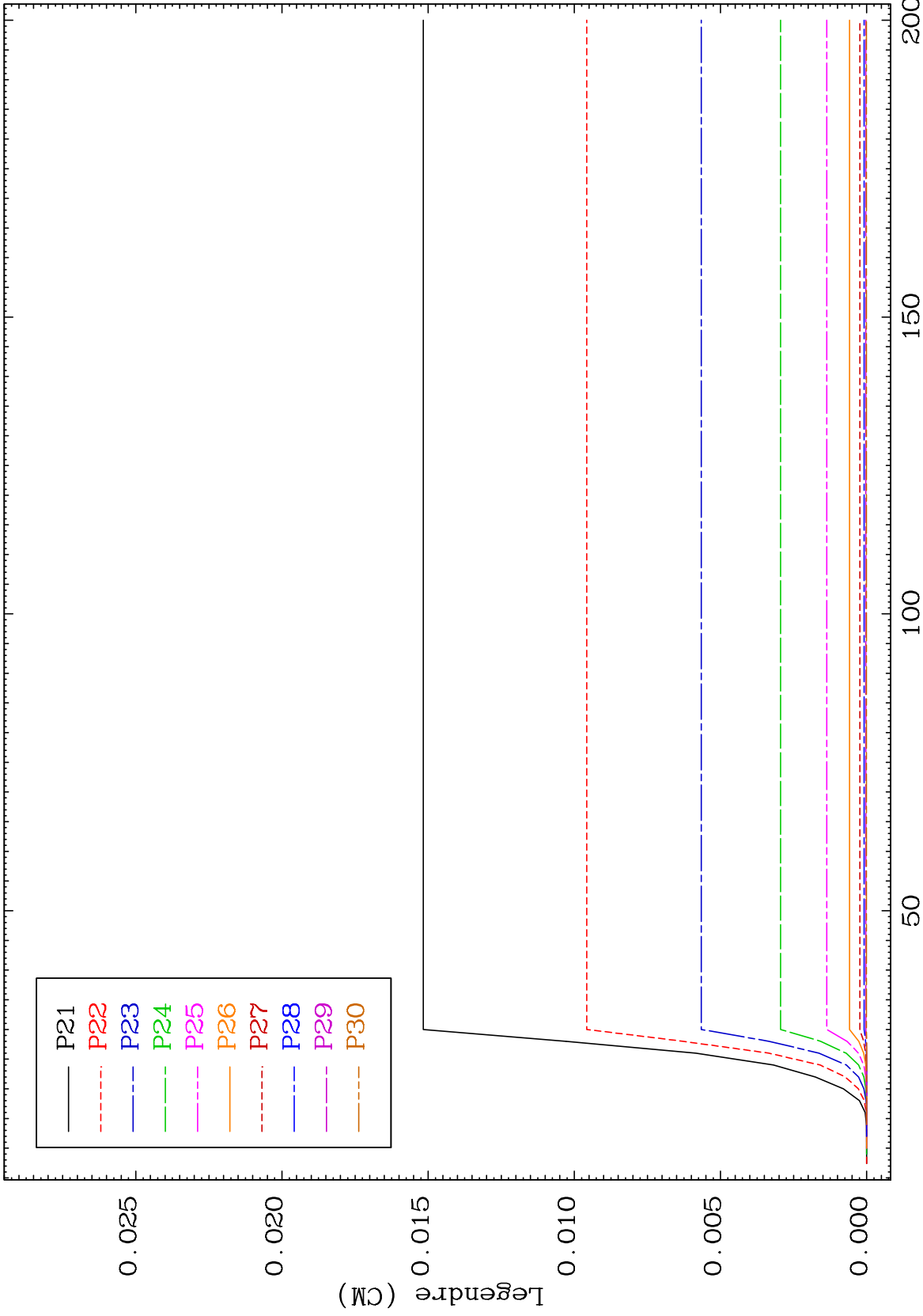
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



20

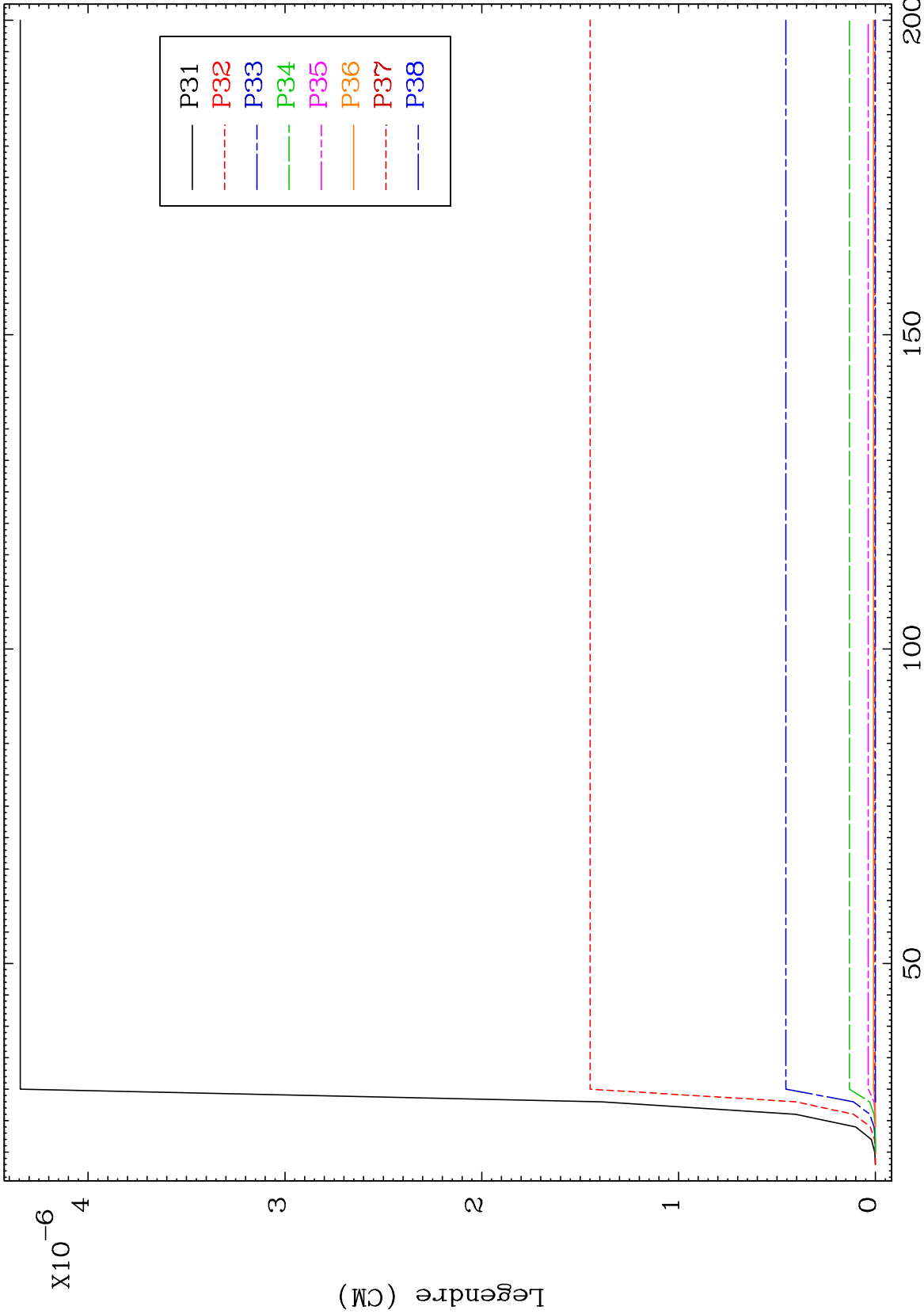
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



21

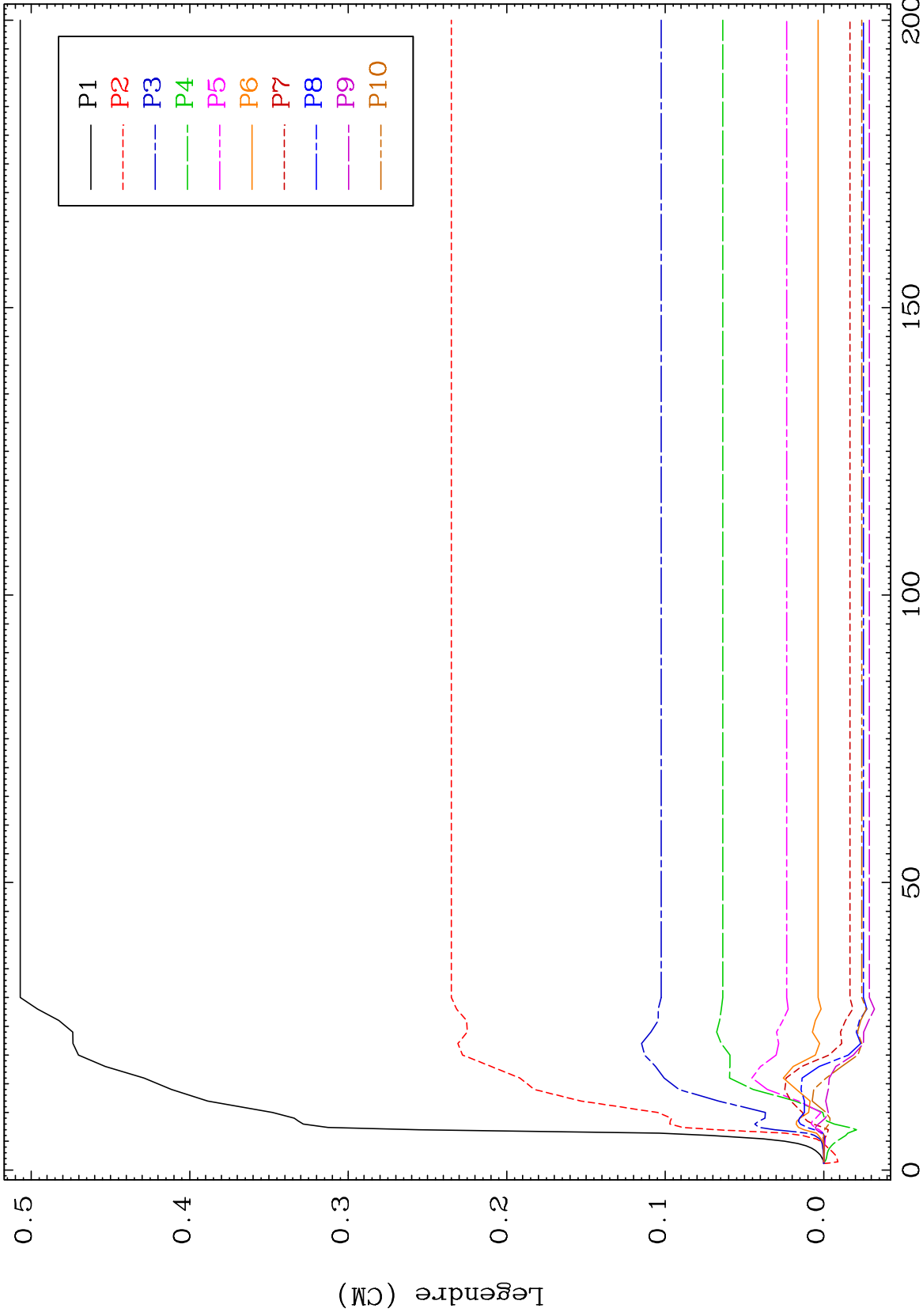
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



22

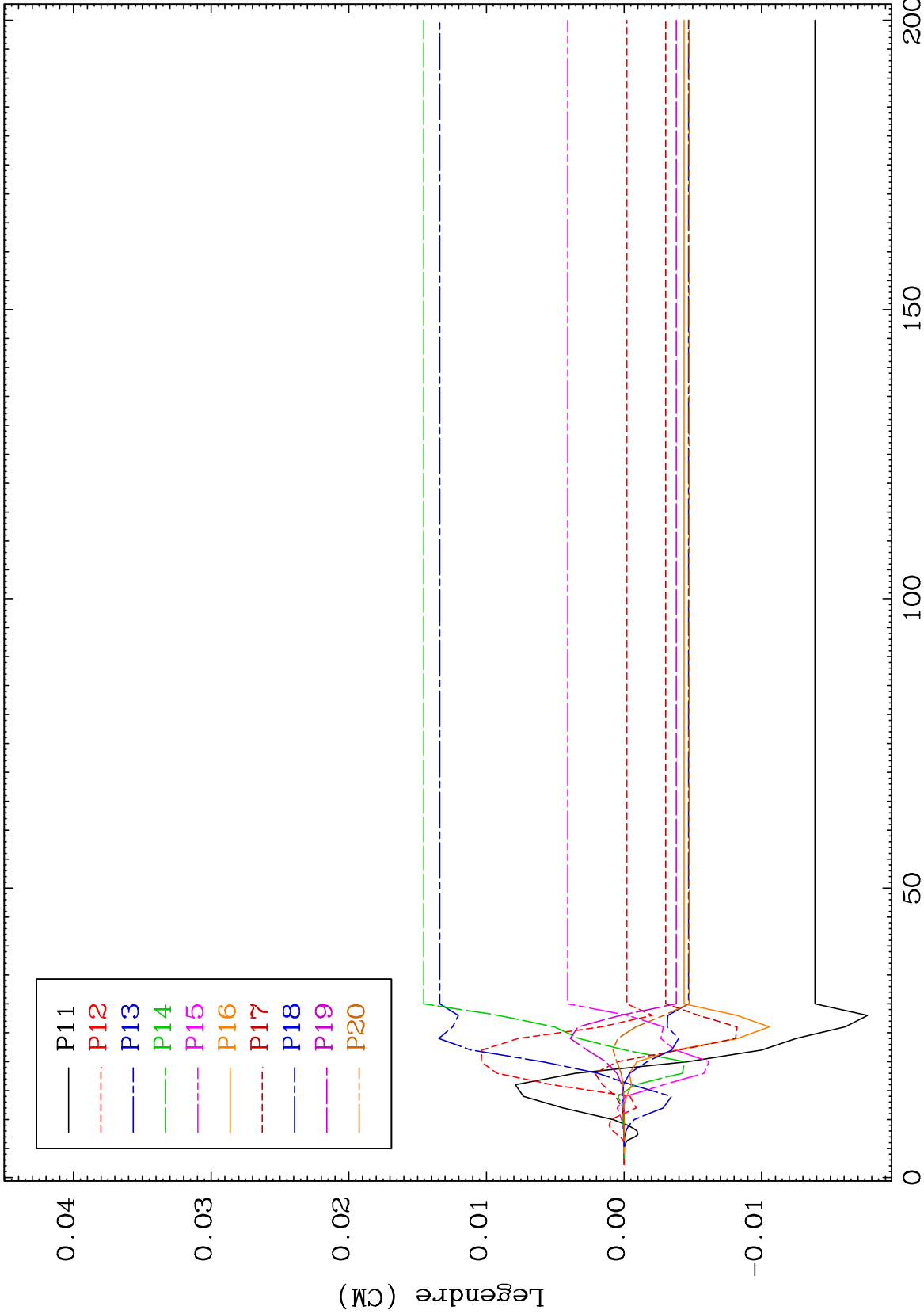
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



23

Incident Energy (MeV)

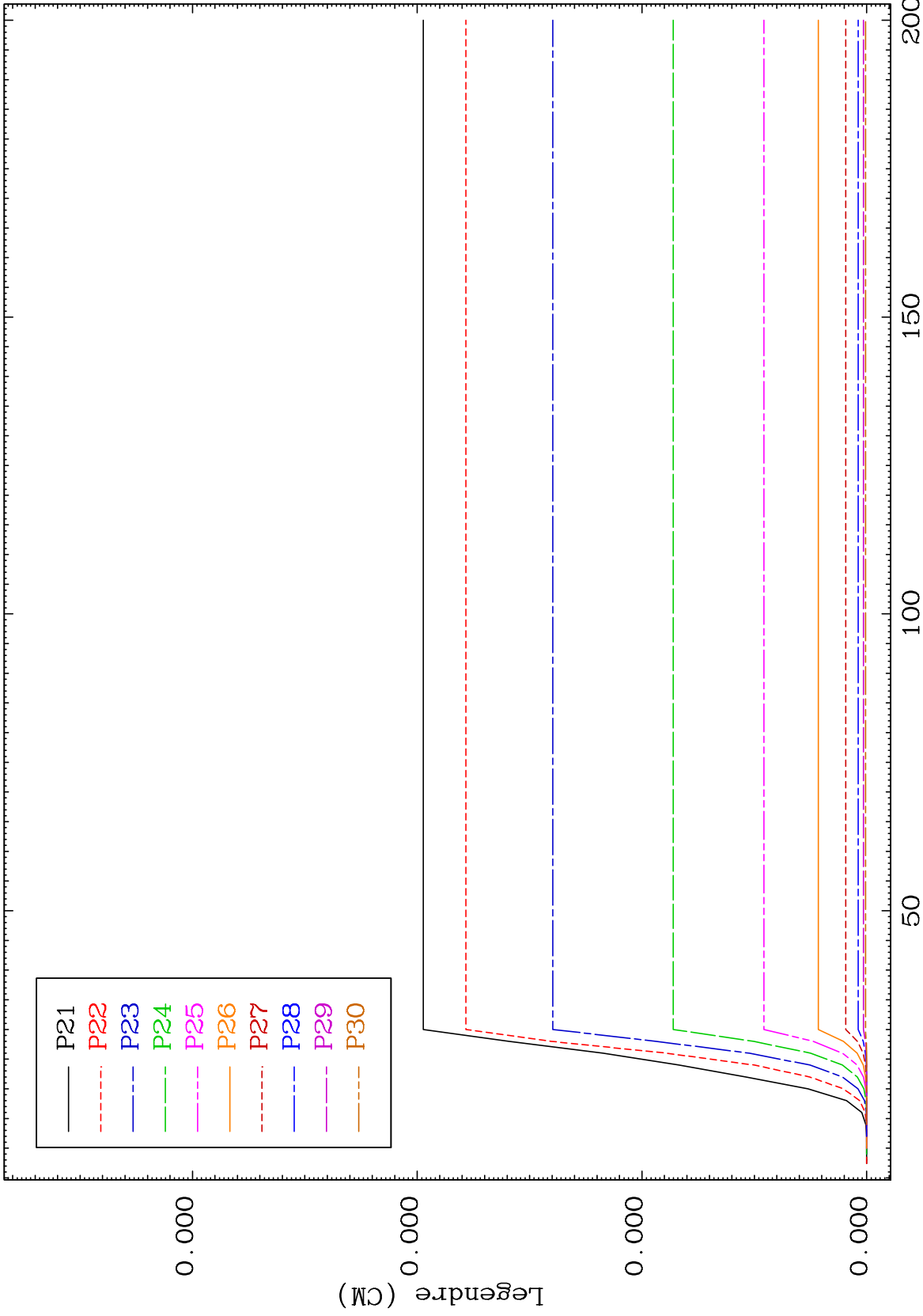
87-Fr-213



MAT 8728

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

87-Fr-213



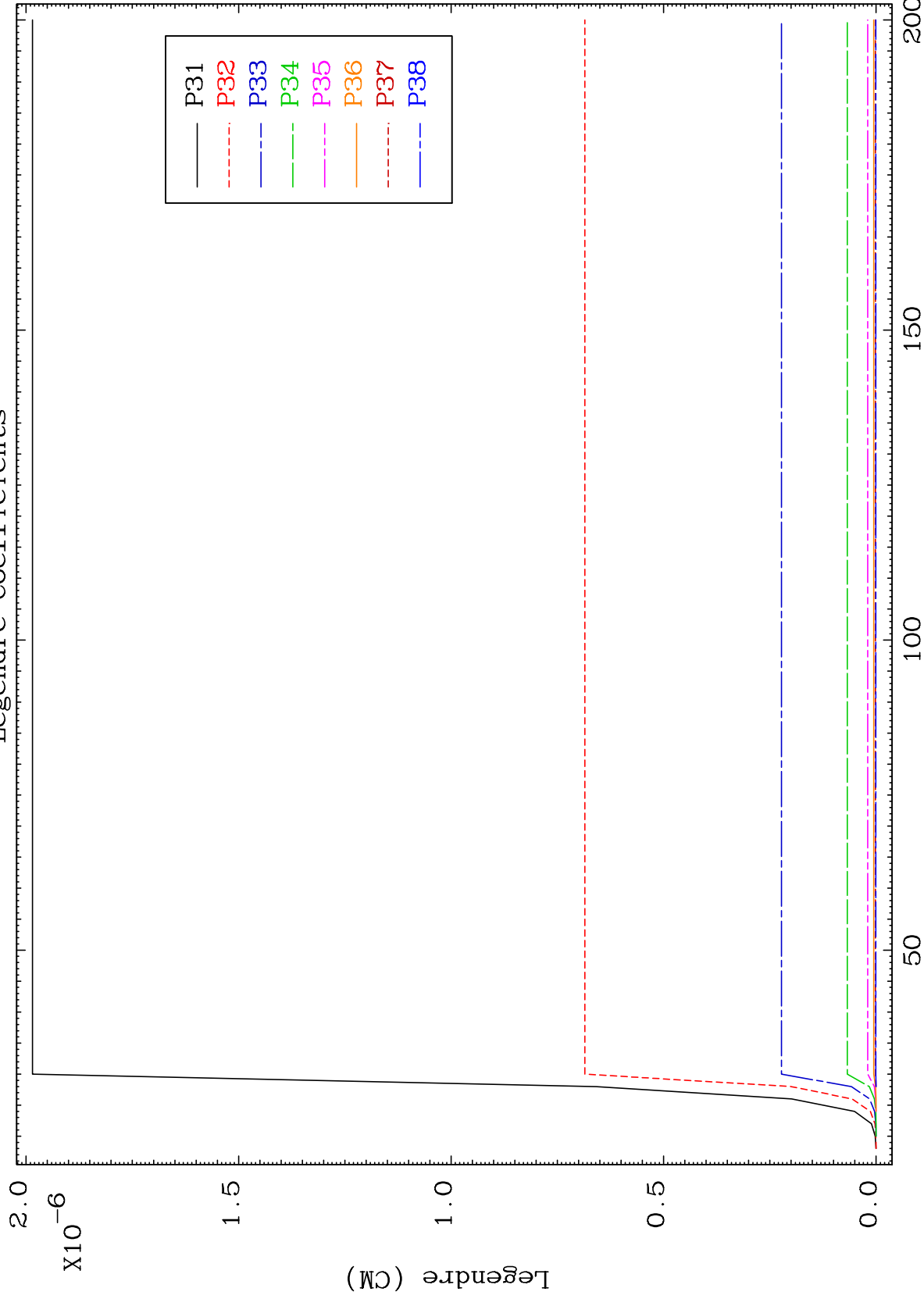
24

87-Fr-213

MAT 8728

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

87-Fr-213



25

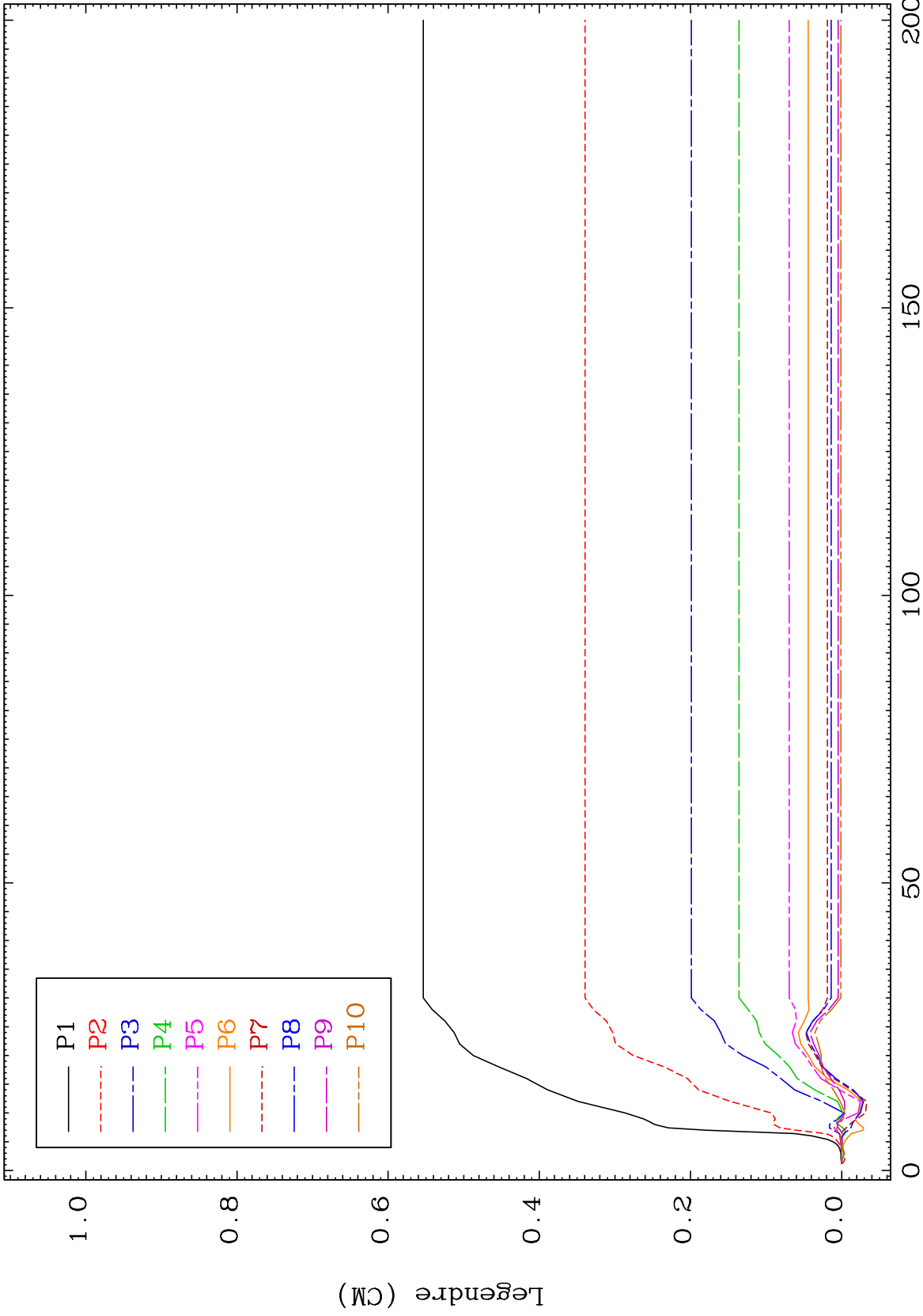
50

100

150

200

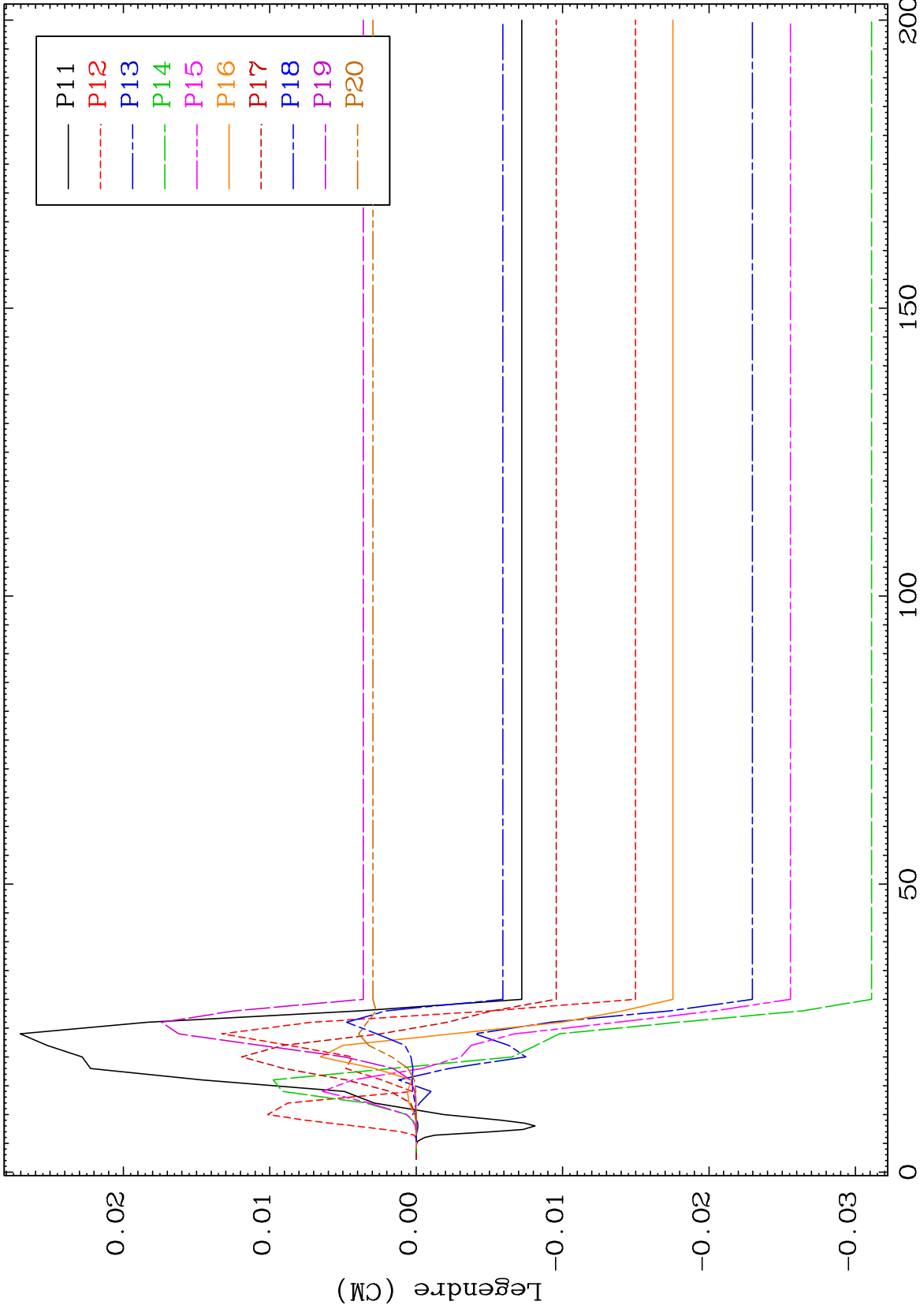
87-Fr-213



MAT 8728

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

87-Fr-213



27

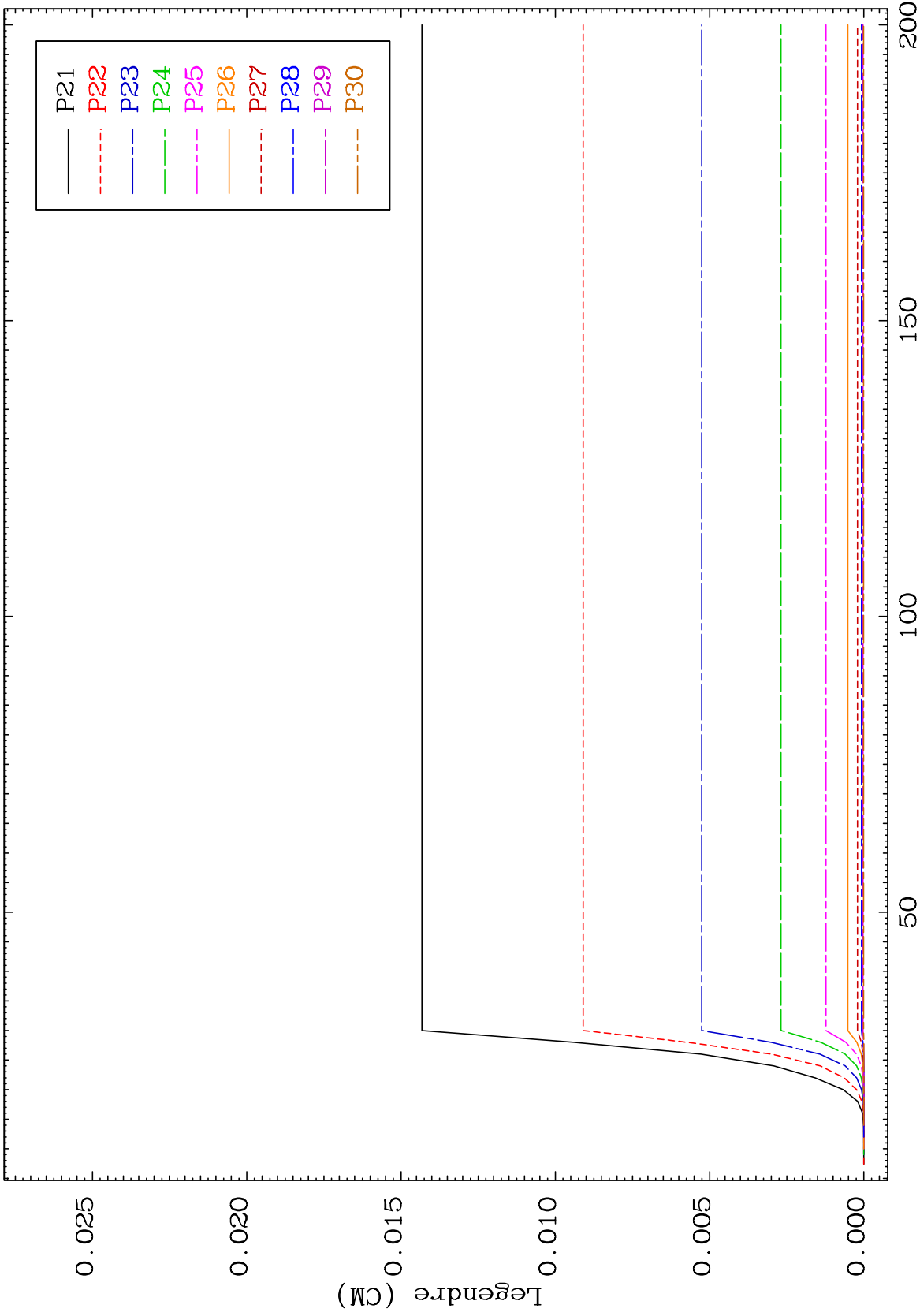
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



28

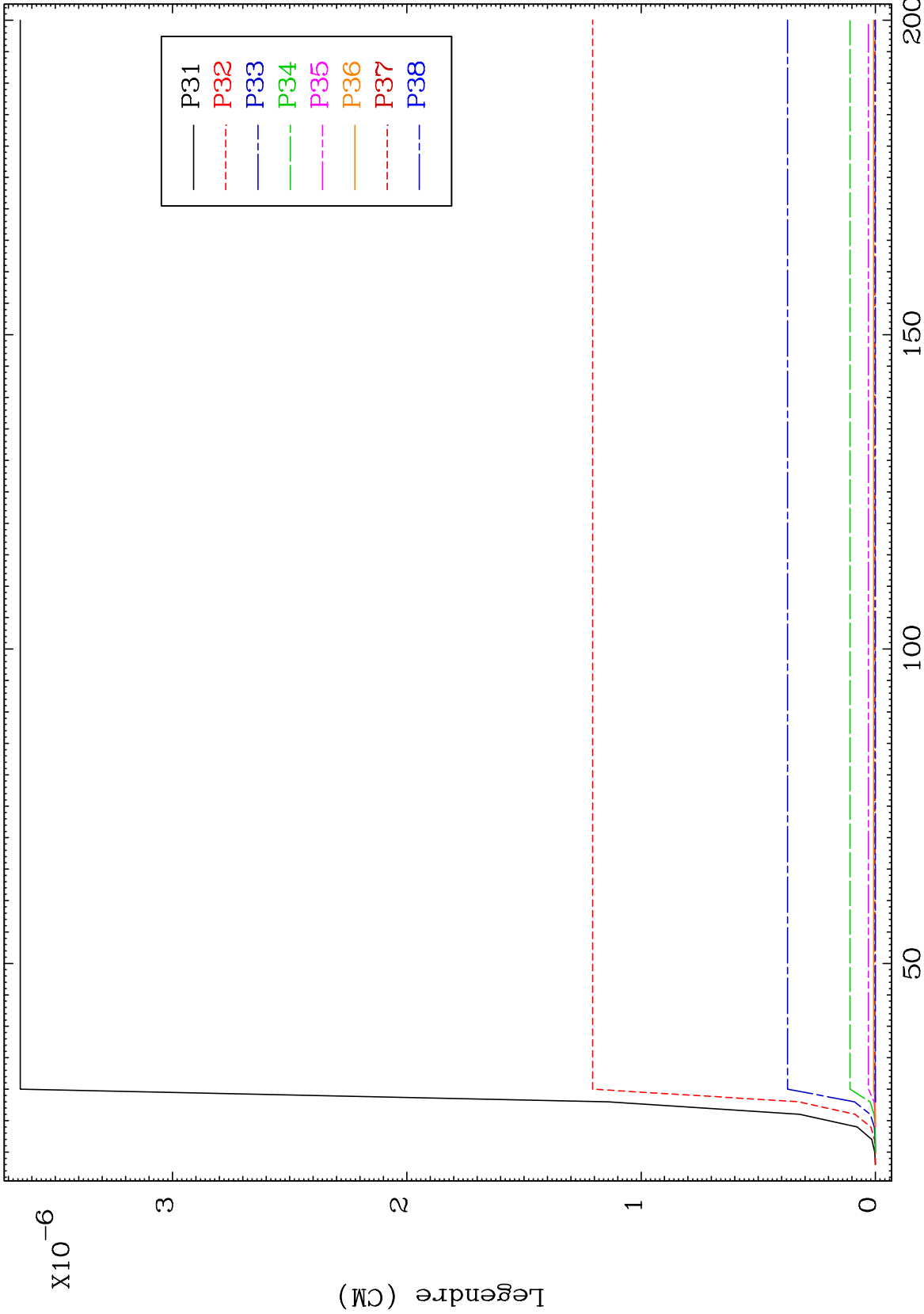
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



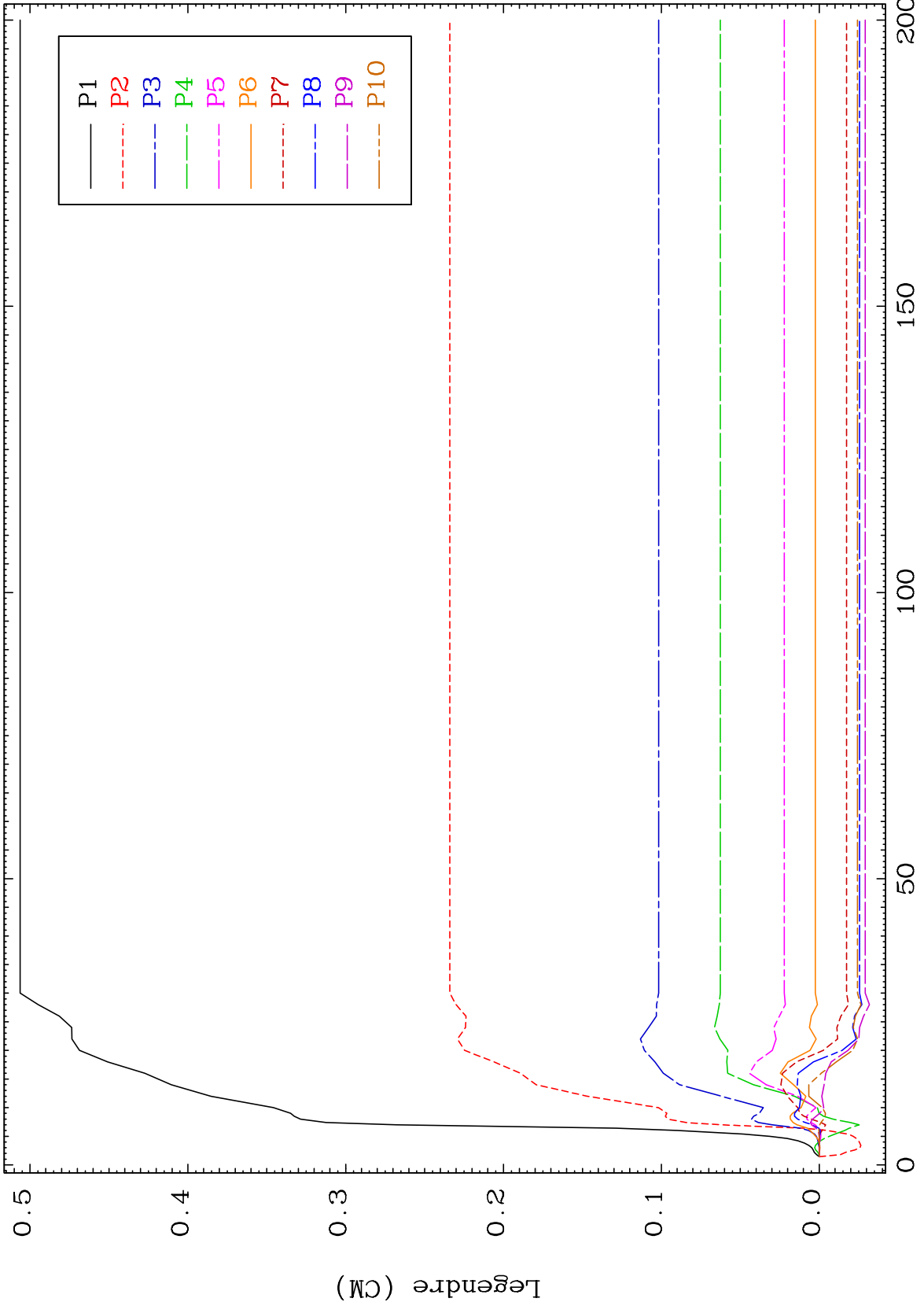
29

87-Fr-213

MAT 8728

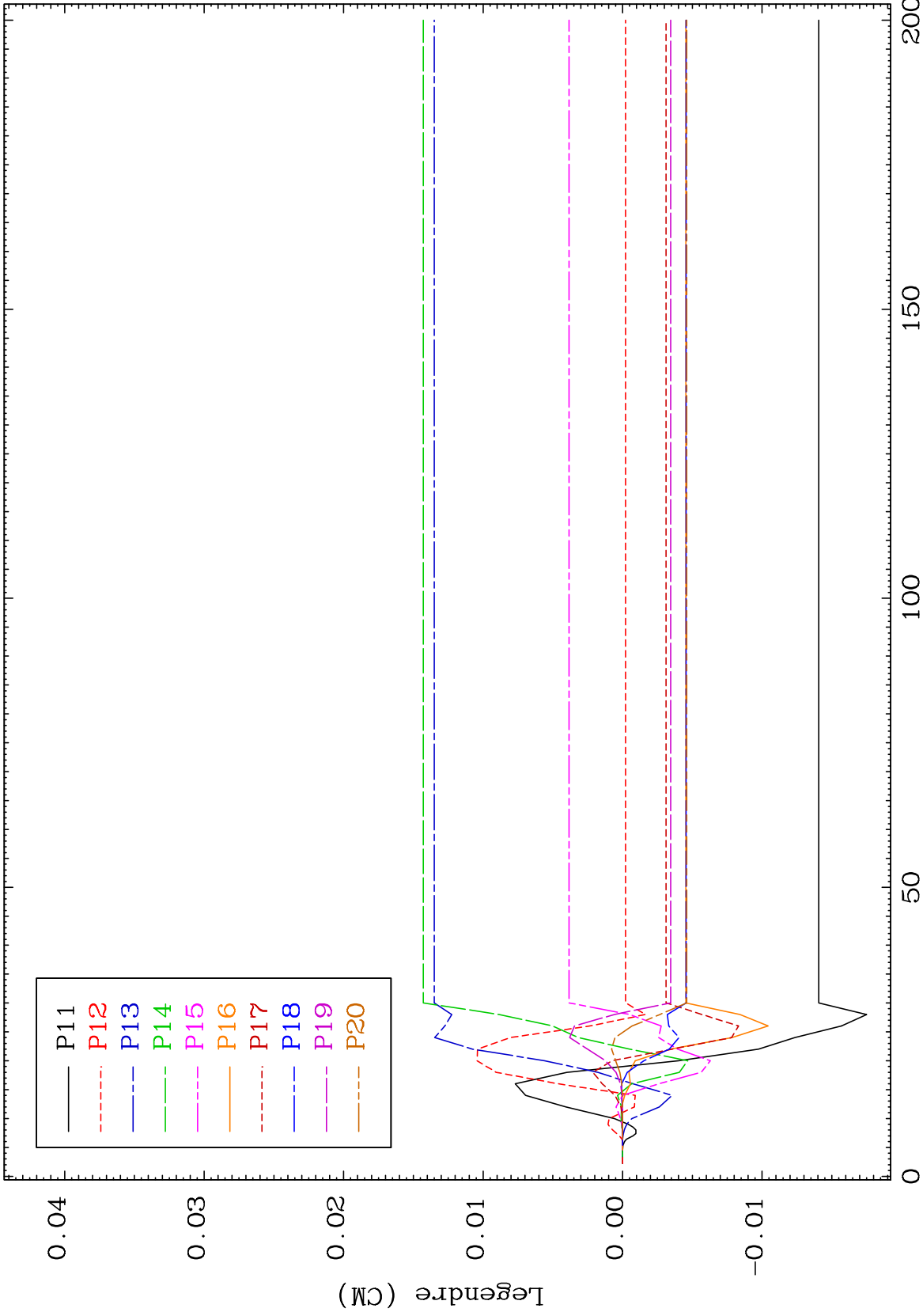
MT= 54 (n,n') Level  
Legendre Coefficients

87-Fr-213



87-Fr-213

Incident Energy (MeV)

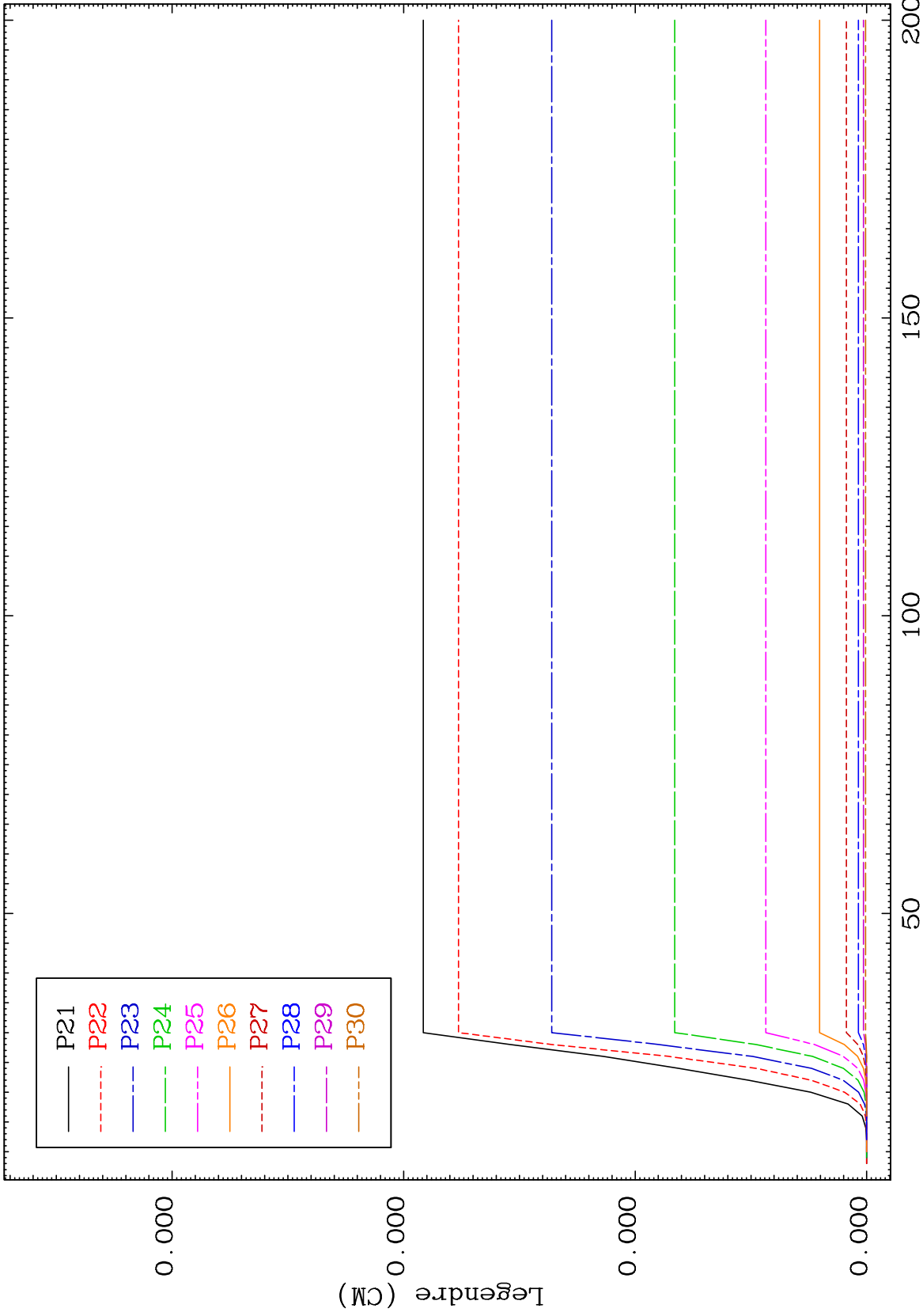




MAT 8728

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

87-Fr-213



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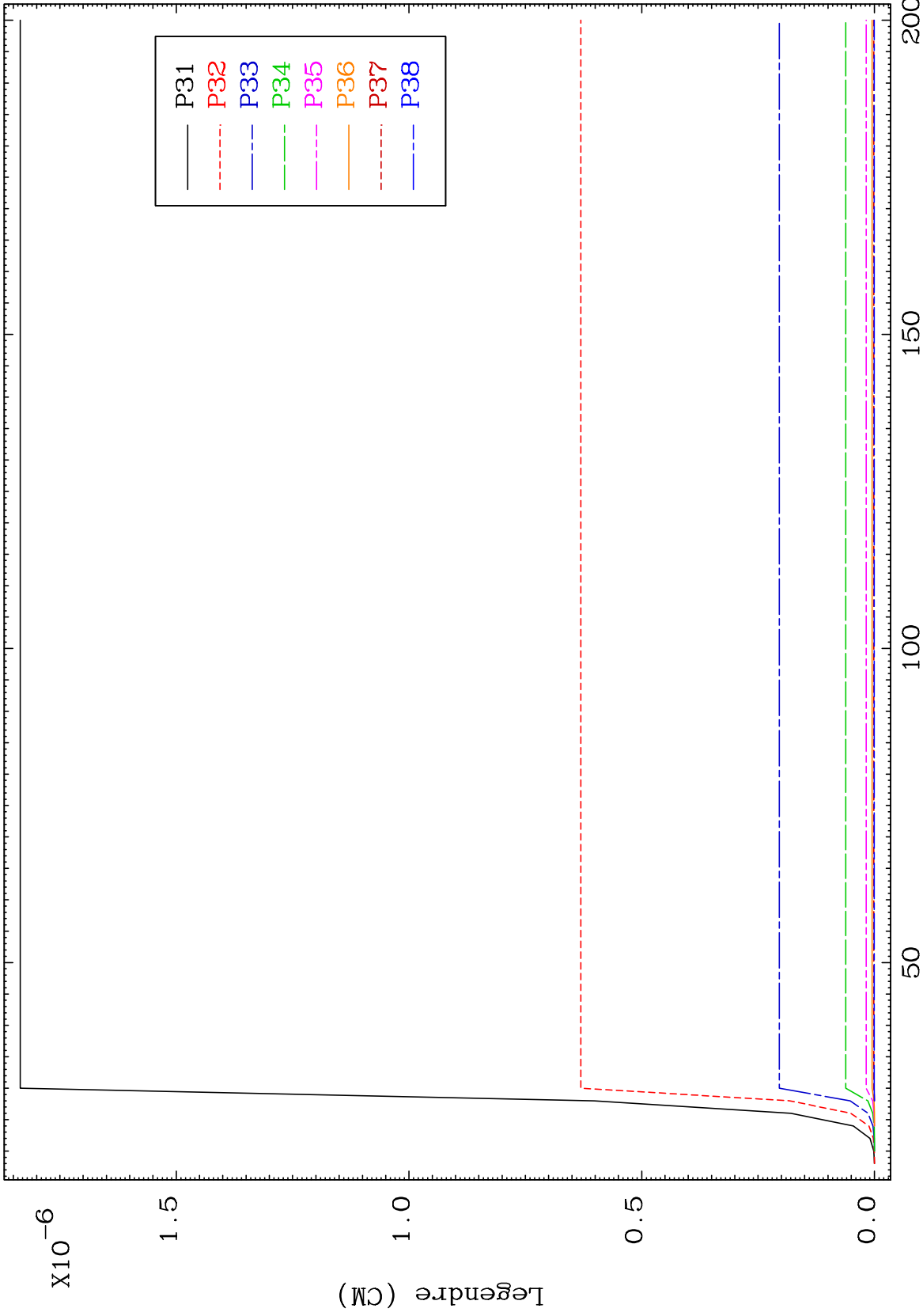
87-Fr-213

87-Fr-213

MAT 8728

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

87-Fr-213



33

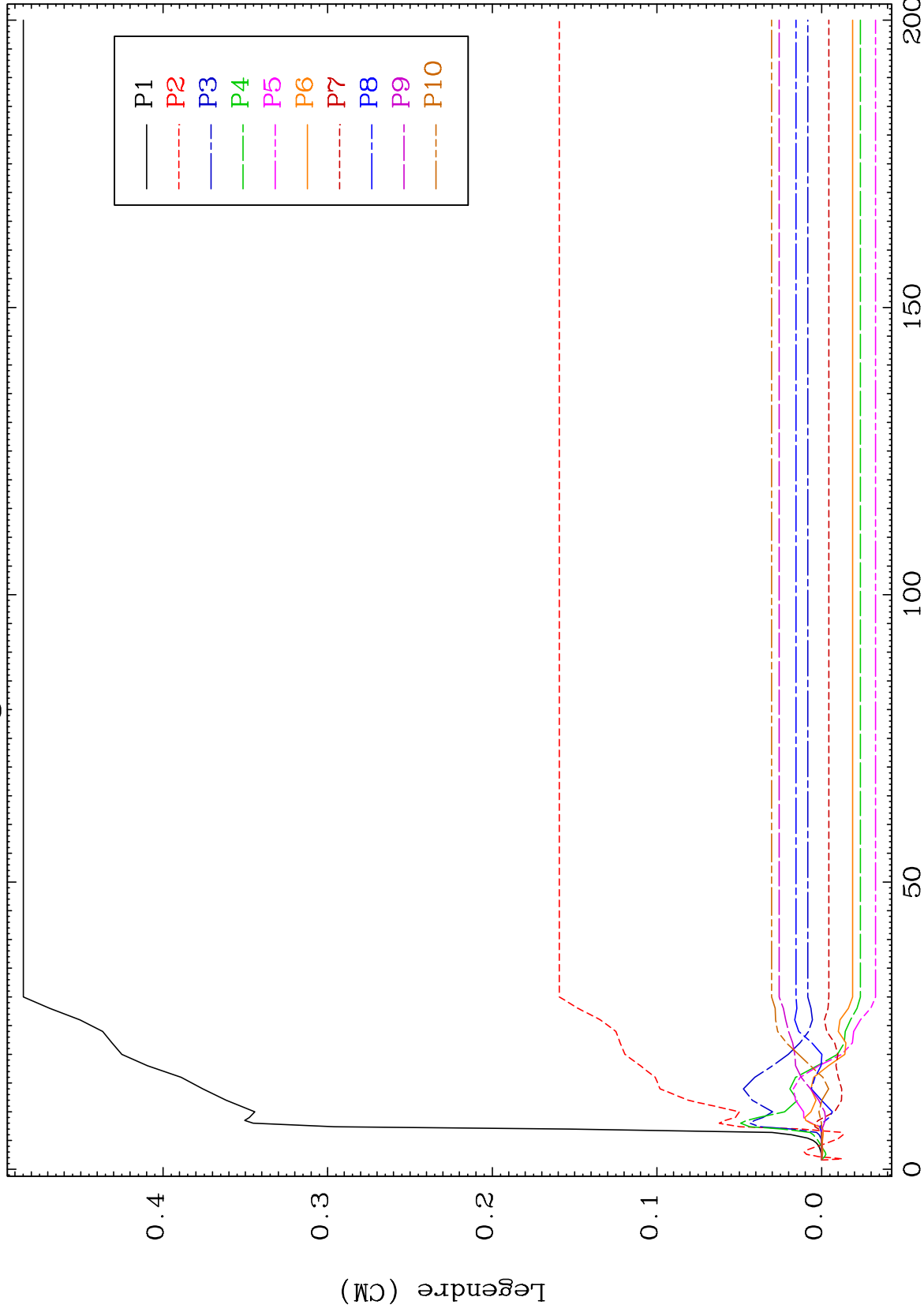
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



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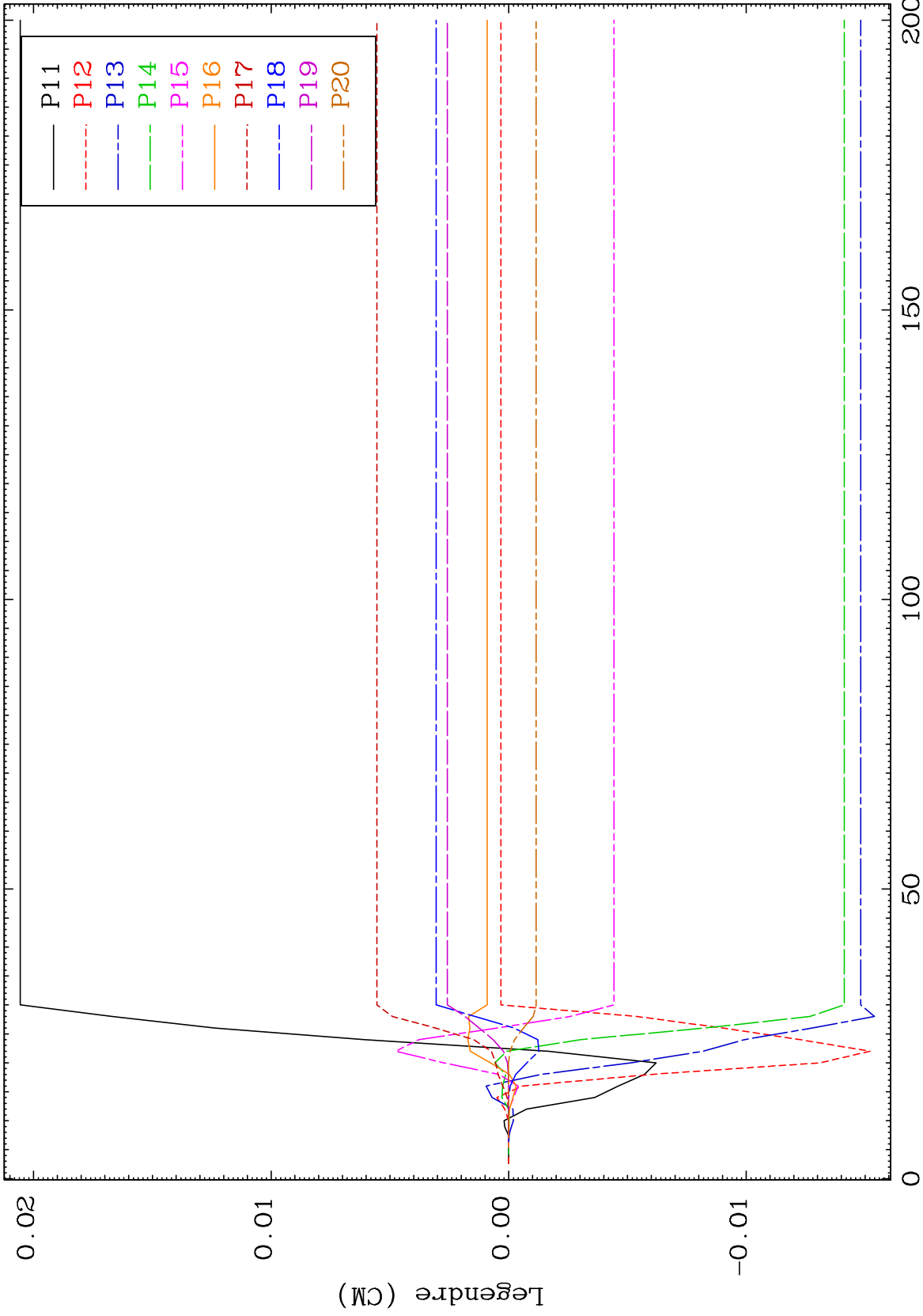
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



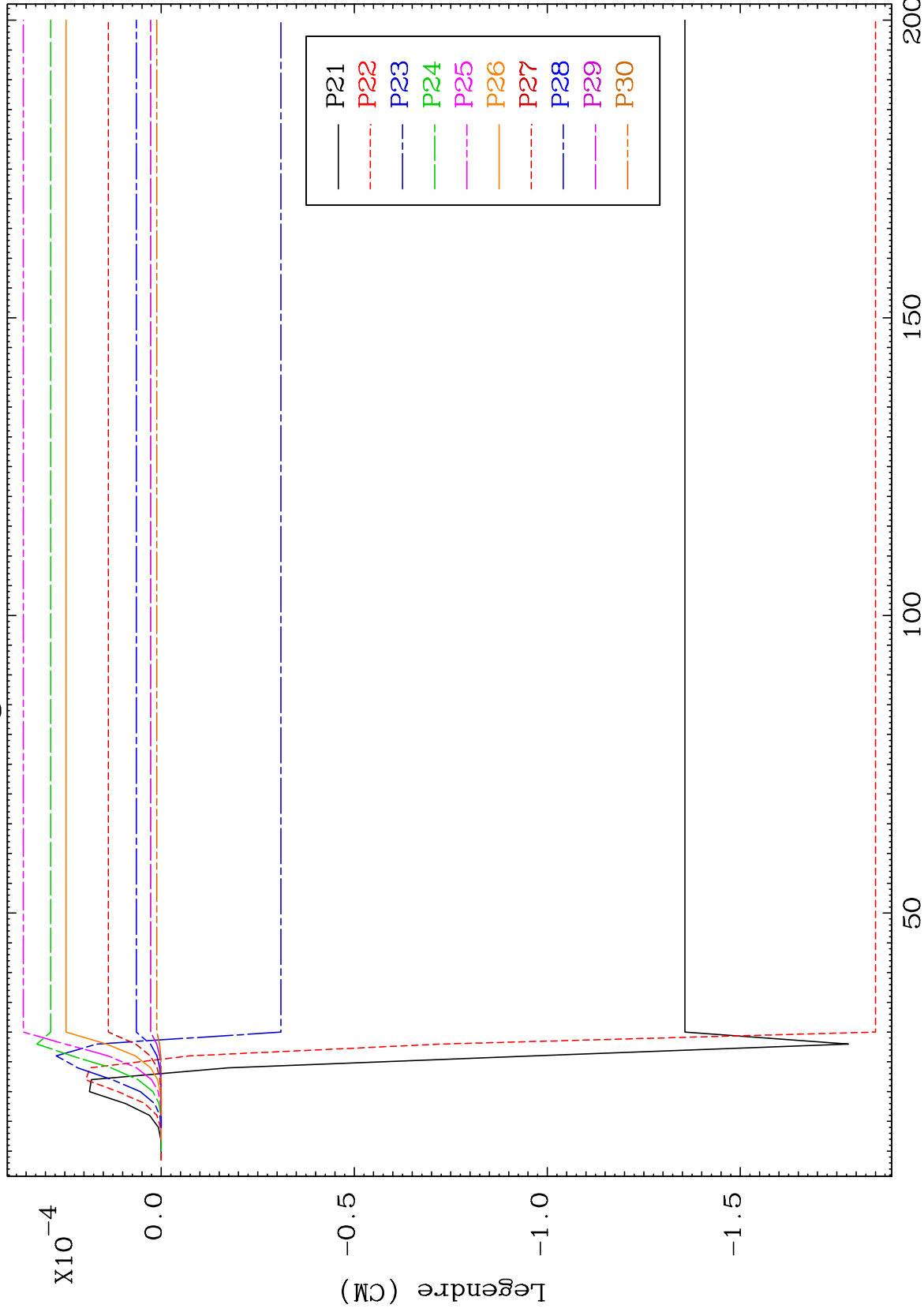
35

87-Fr-213

MAT 8728

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

87-Fr-213



36

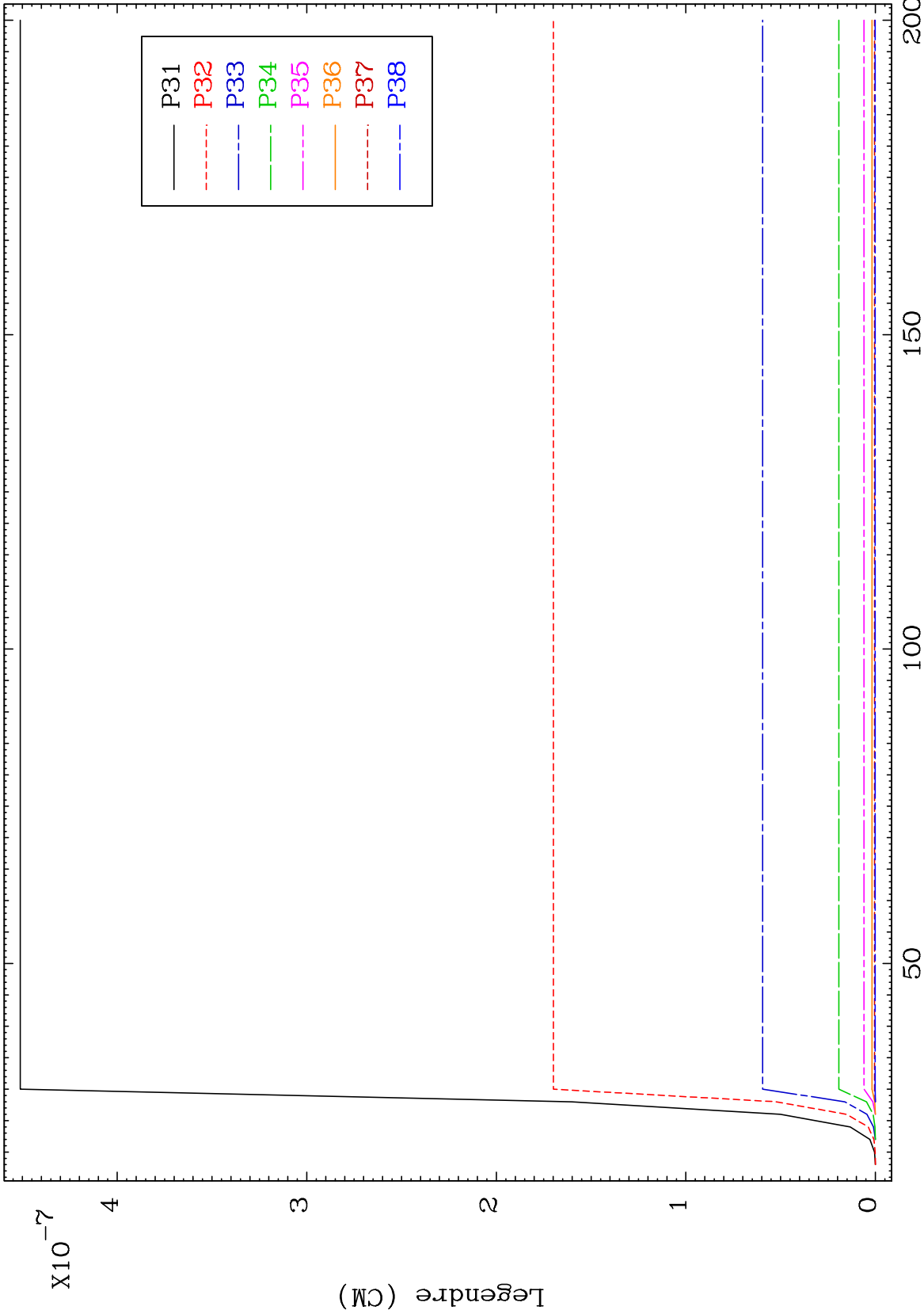
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



37

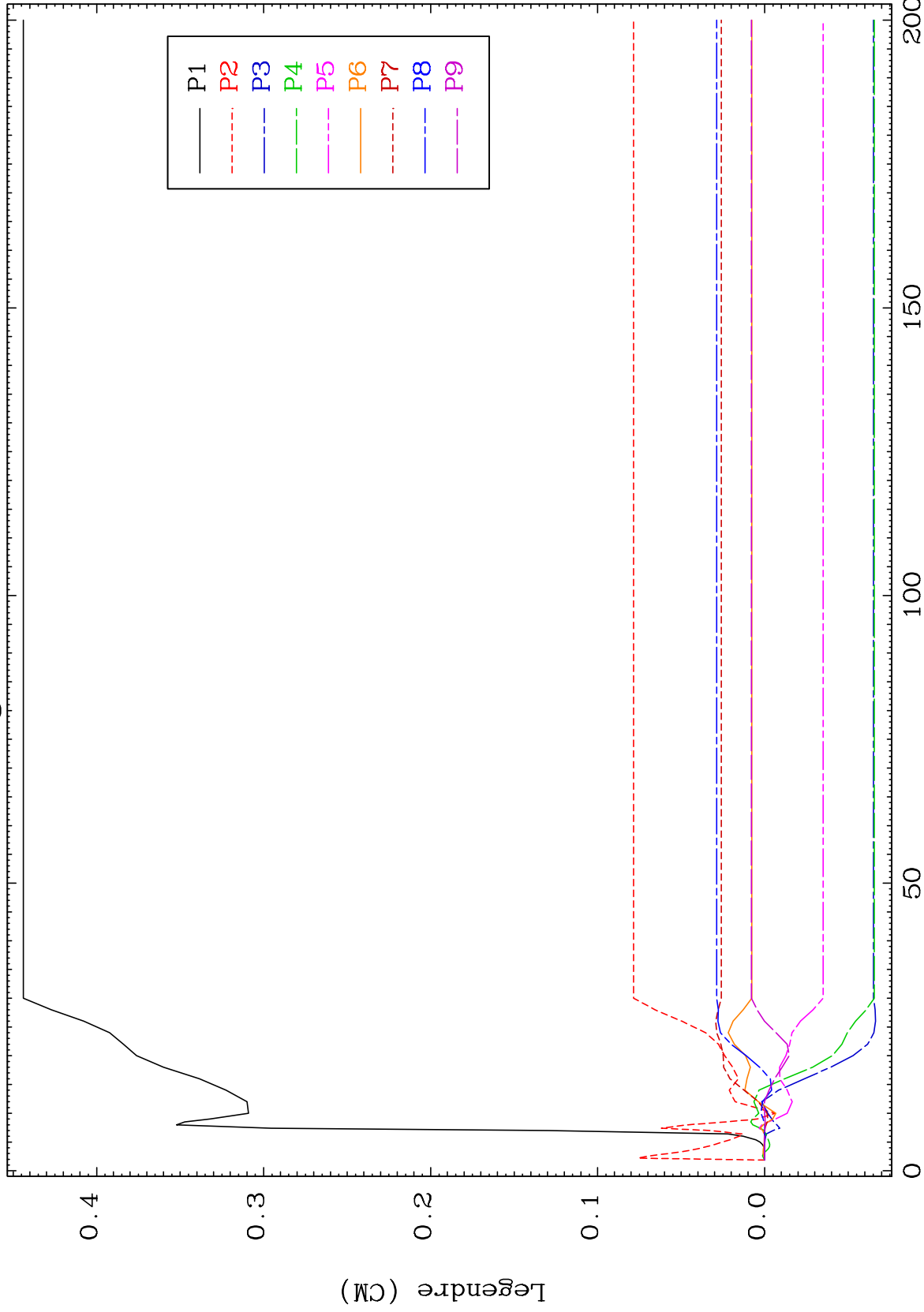
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



38

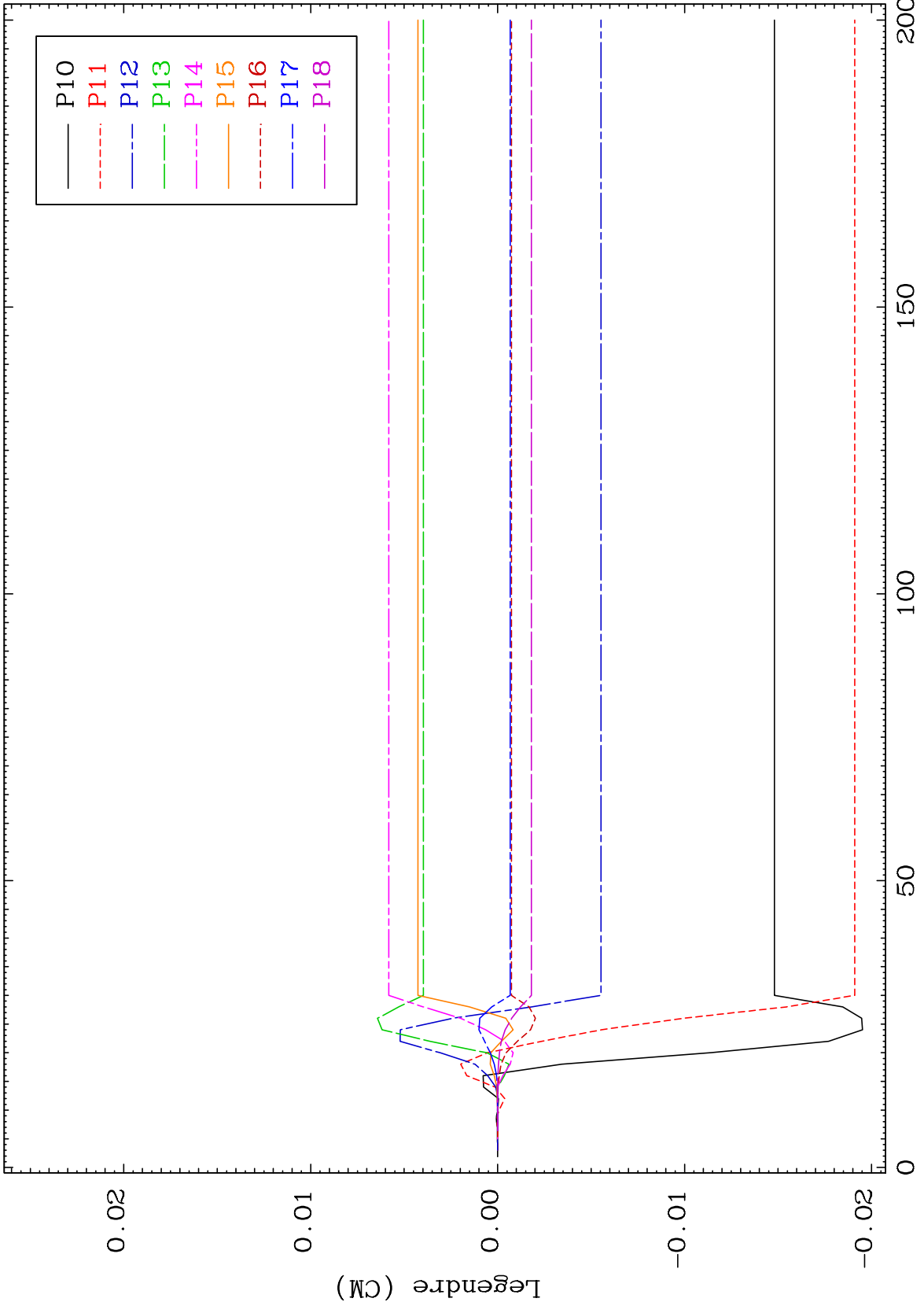
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



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Incident Energy (MeV)

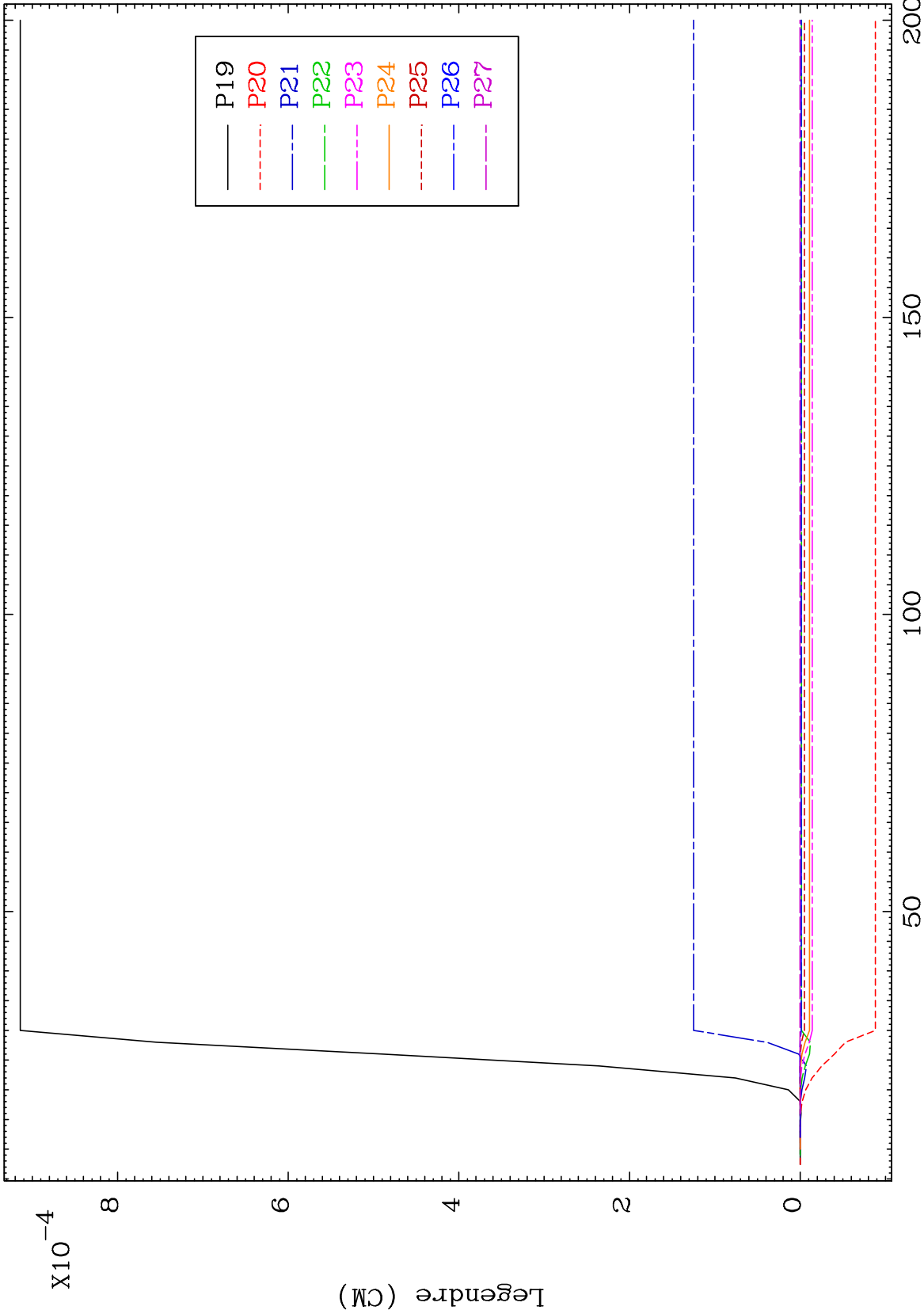
87-Fr-213



MAT 8728

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

87-Fr-213



40

Incident Energy (MeV)

50

100

150

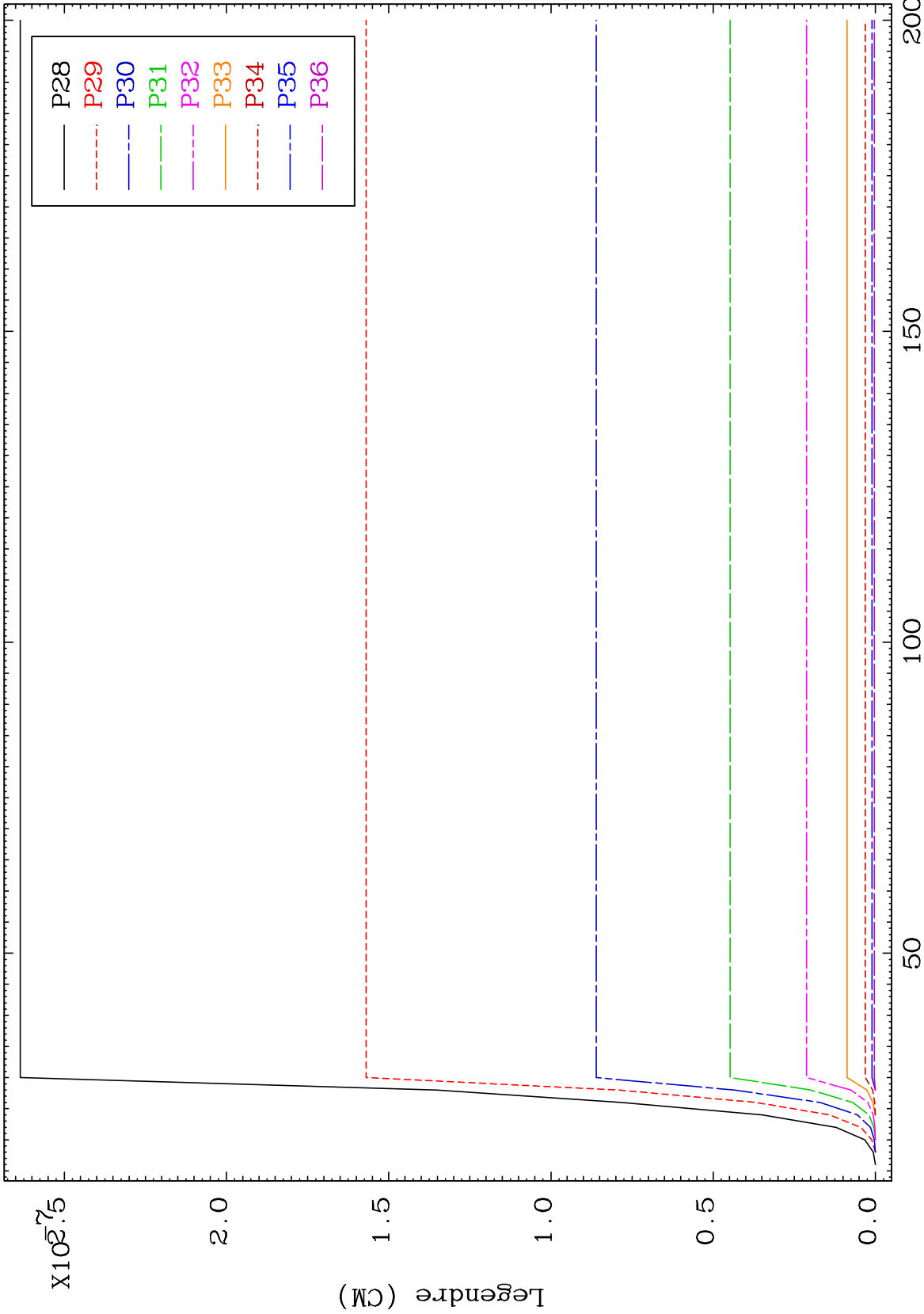
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87-Fr-213

MAT 8728

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

87-Fr-213



41

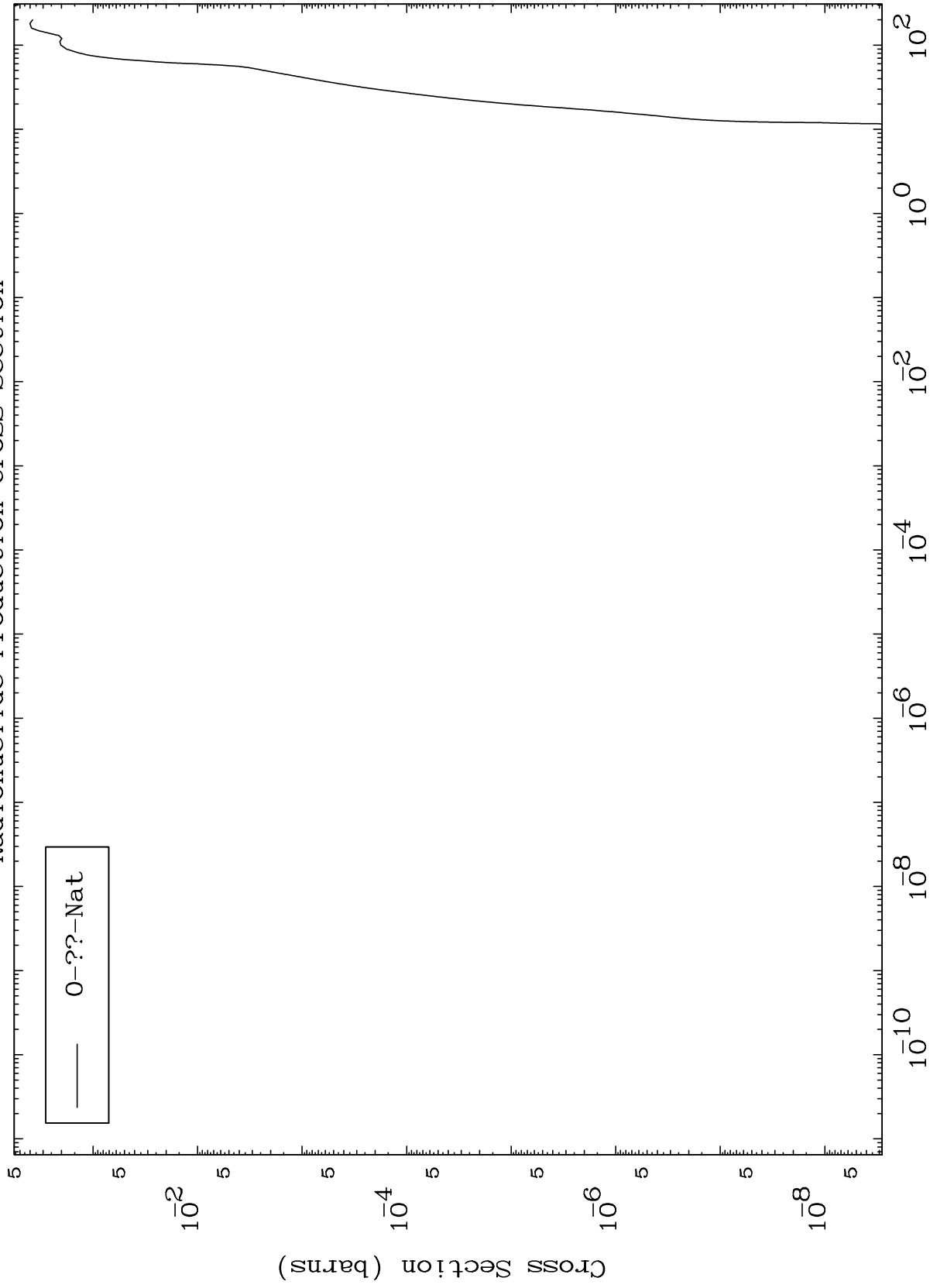
Incident Energy (MeV)

87-Fr-213

MAT 8728

Fission  
Radionuclide Production Cross Section

87-Fr-213



42

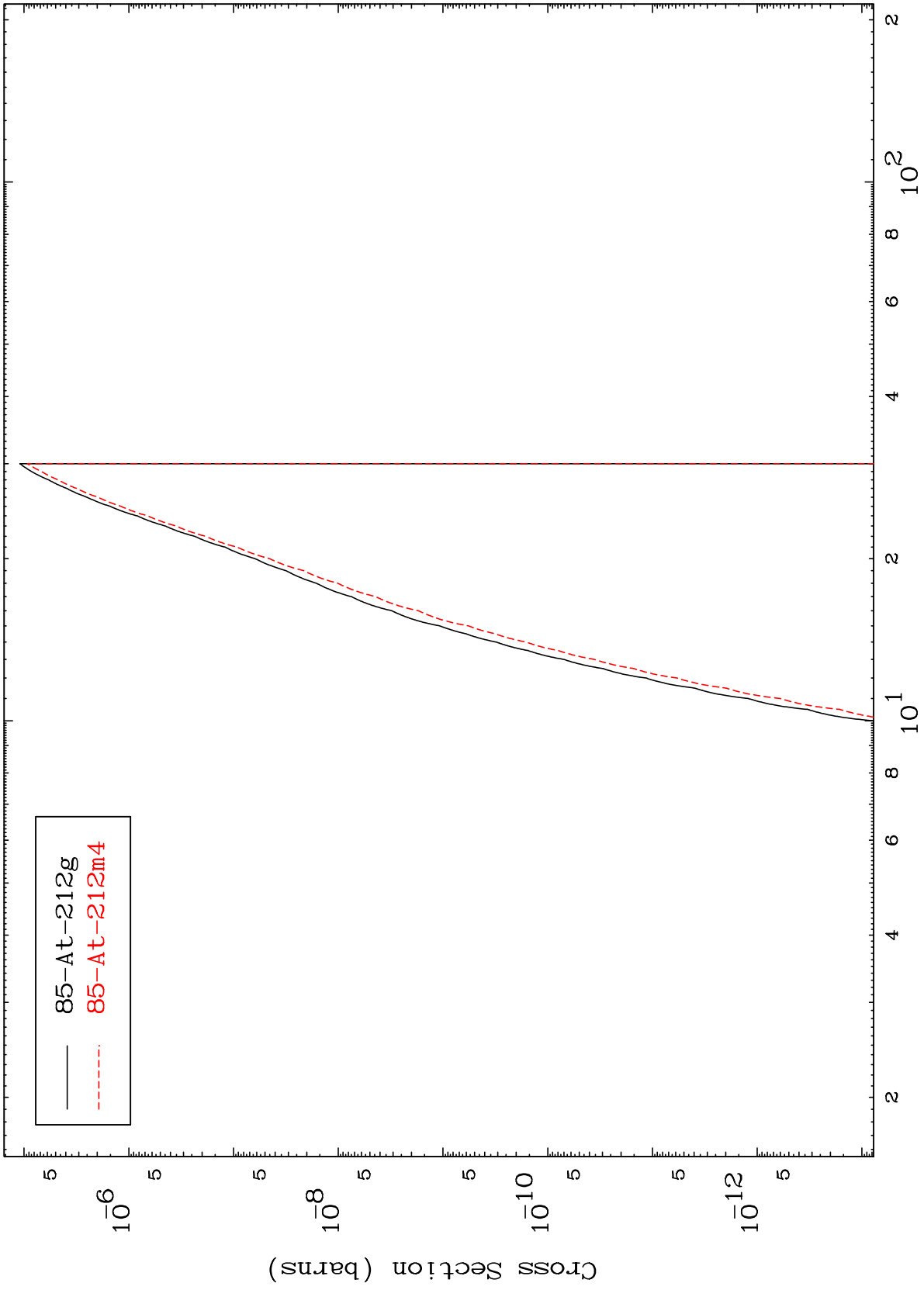
Incident Energy (MeV)

87-Fr-213

MAT 8728

87-Fr-213

(n,2p)  
Radionuclide Production Cross Section



43

87-Fr-213