

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

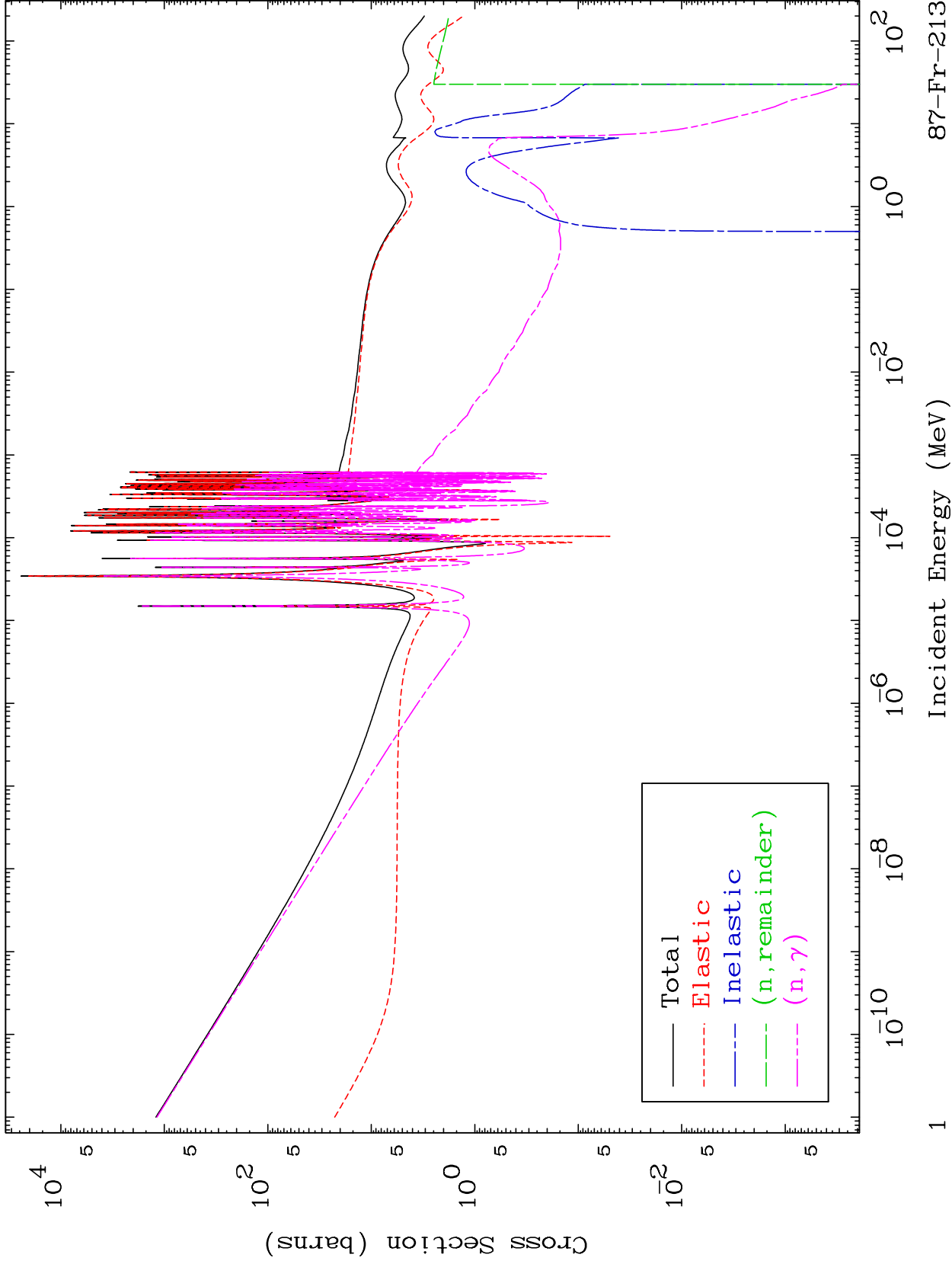
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8728

Major  
293 Kelvin Cross Sections

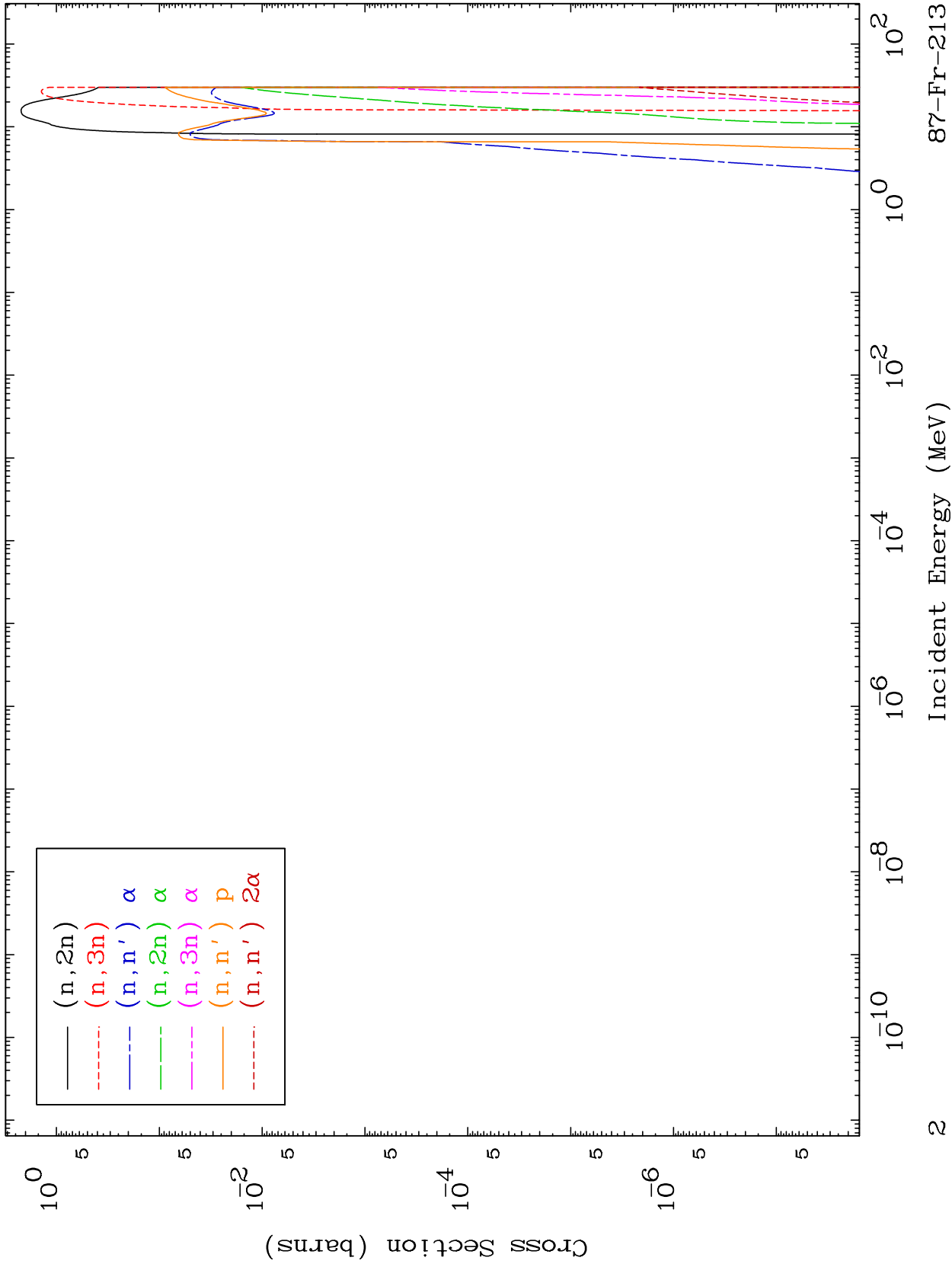
87-Fr-213



MAT 8728

Neutron Production  
293 Kelvin Cross Sections

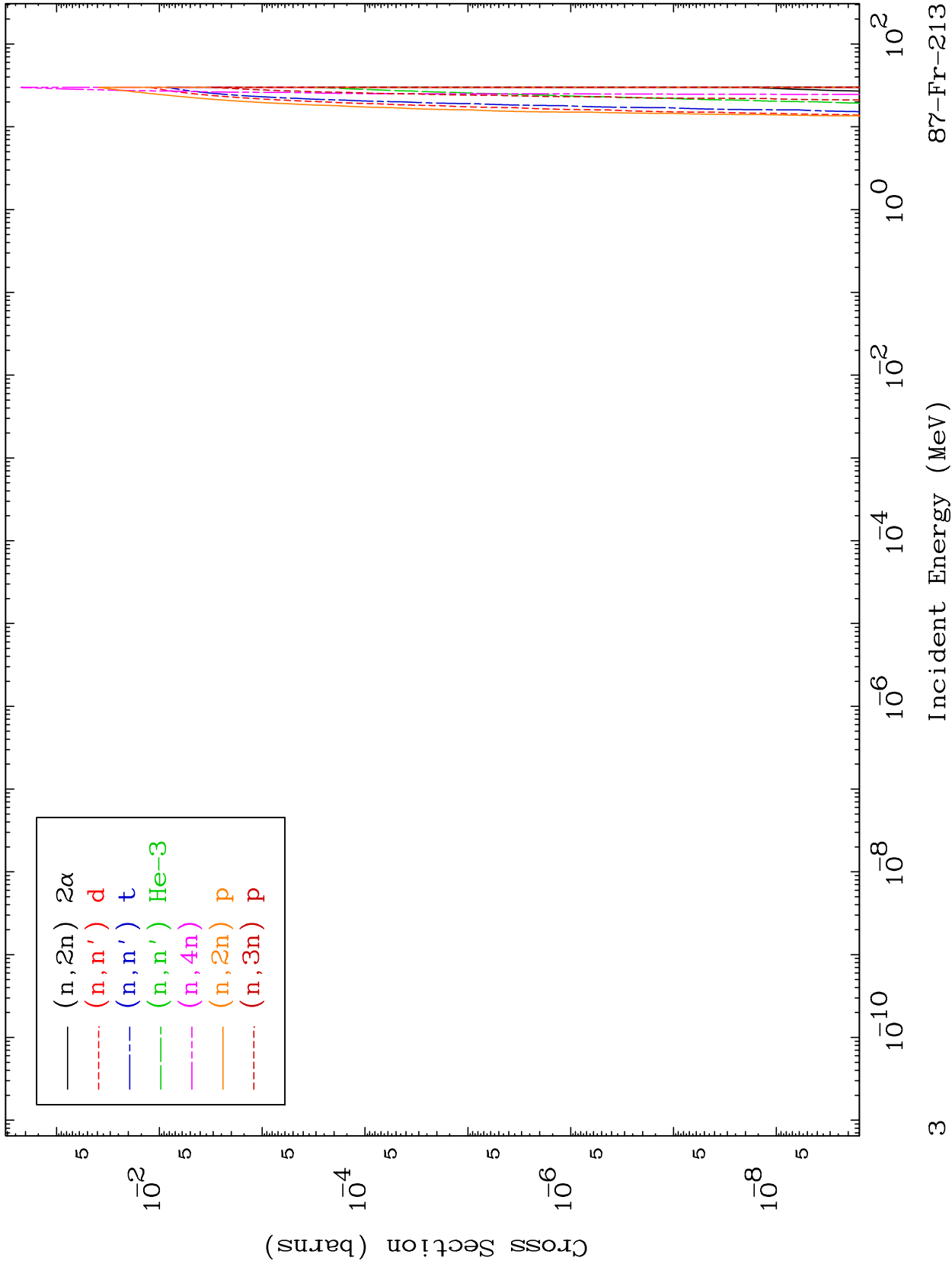
87-Fr-213



MAT 8728

Neutron Production  
293 Kelvin Cross Sections

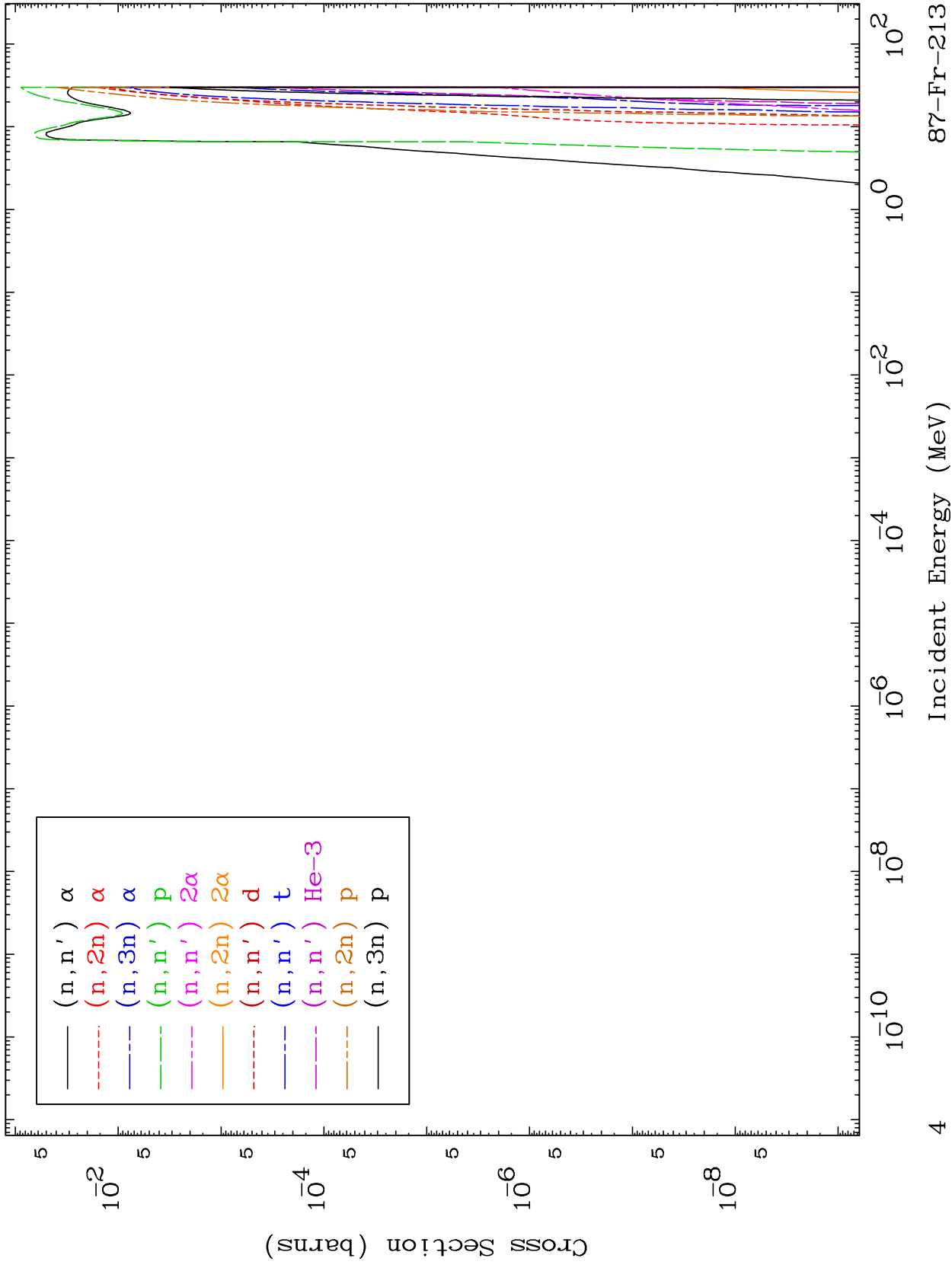
87-Fr-213



MAT 8728

Charged Particle  
293 Kelvin Cross Sections

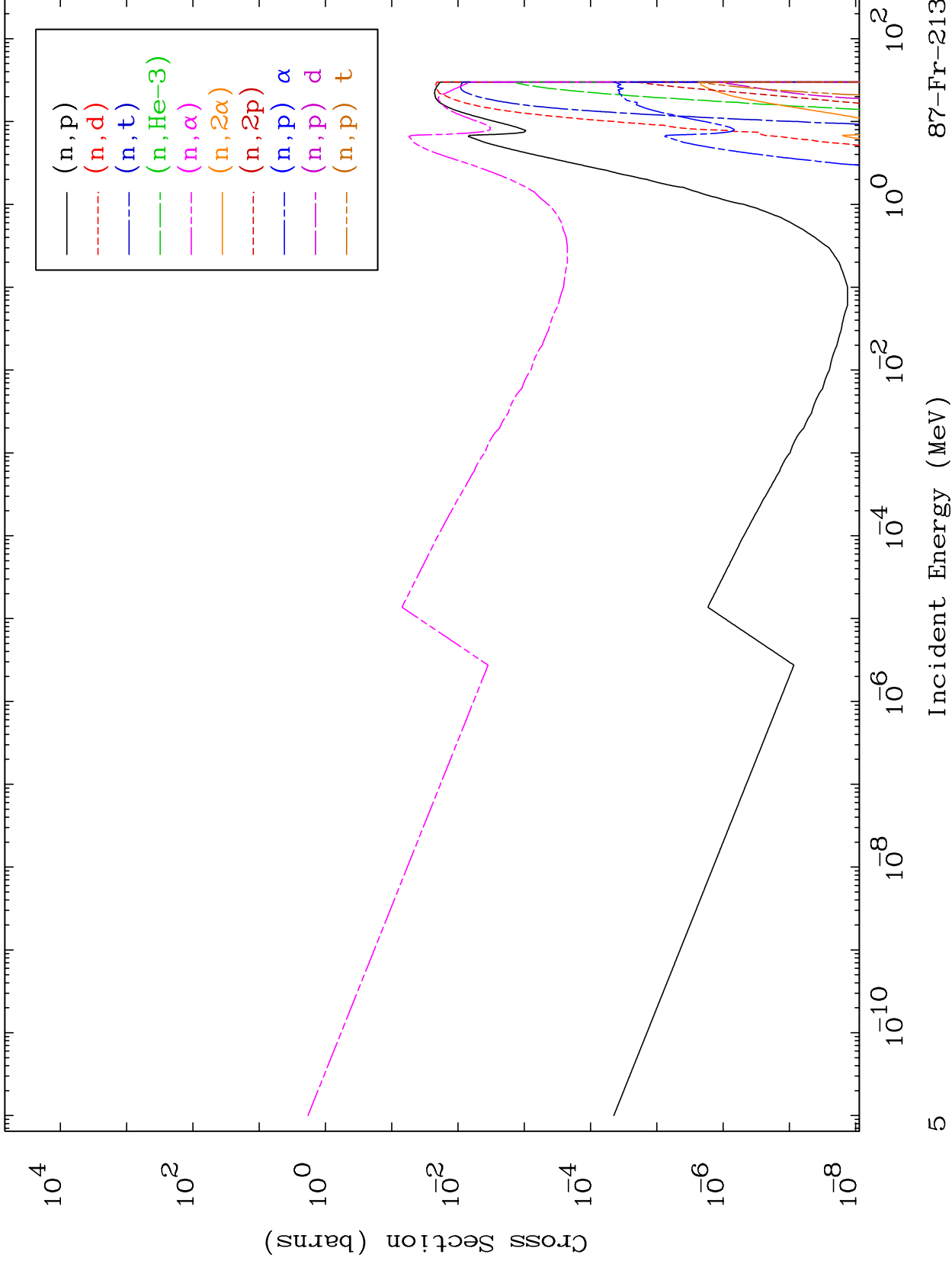
87-Fr-213



MAT 8728

Charged Particle  
293 Kelvin Cross Sections

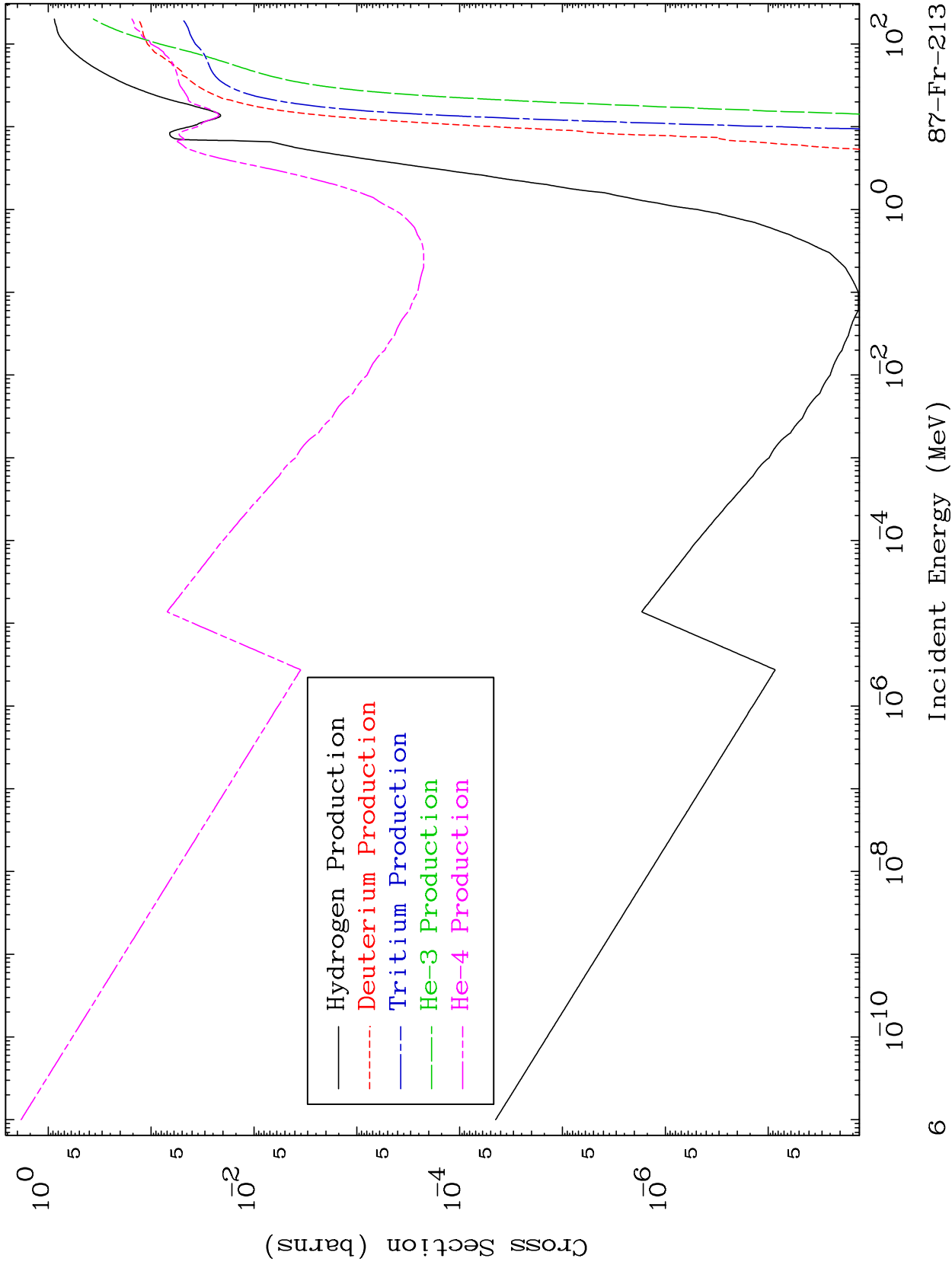
87-Fr-213



MAT 8728

Particle Production  
293 Kelvin Cross Sections

87-Fr-213

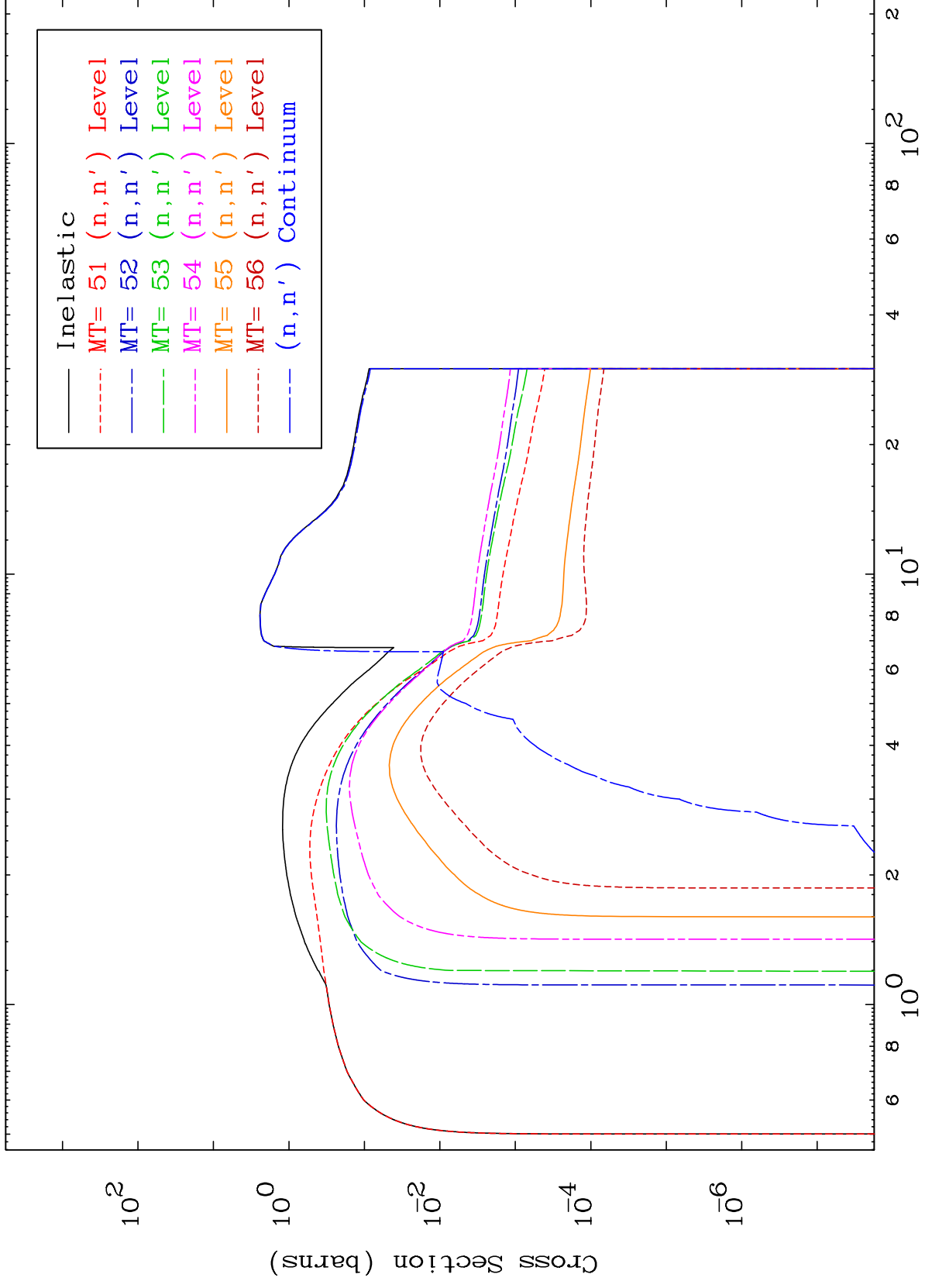


MAT 8728

(n,n') Level

87-Fr-213

293 Kelvin Cross Sections

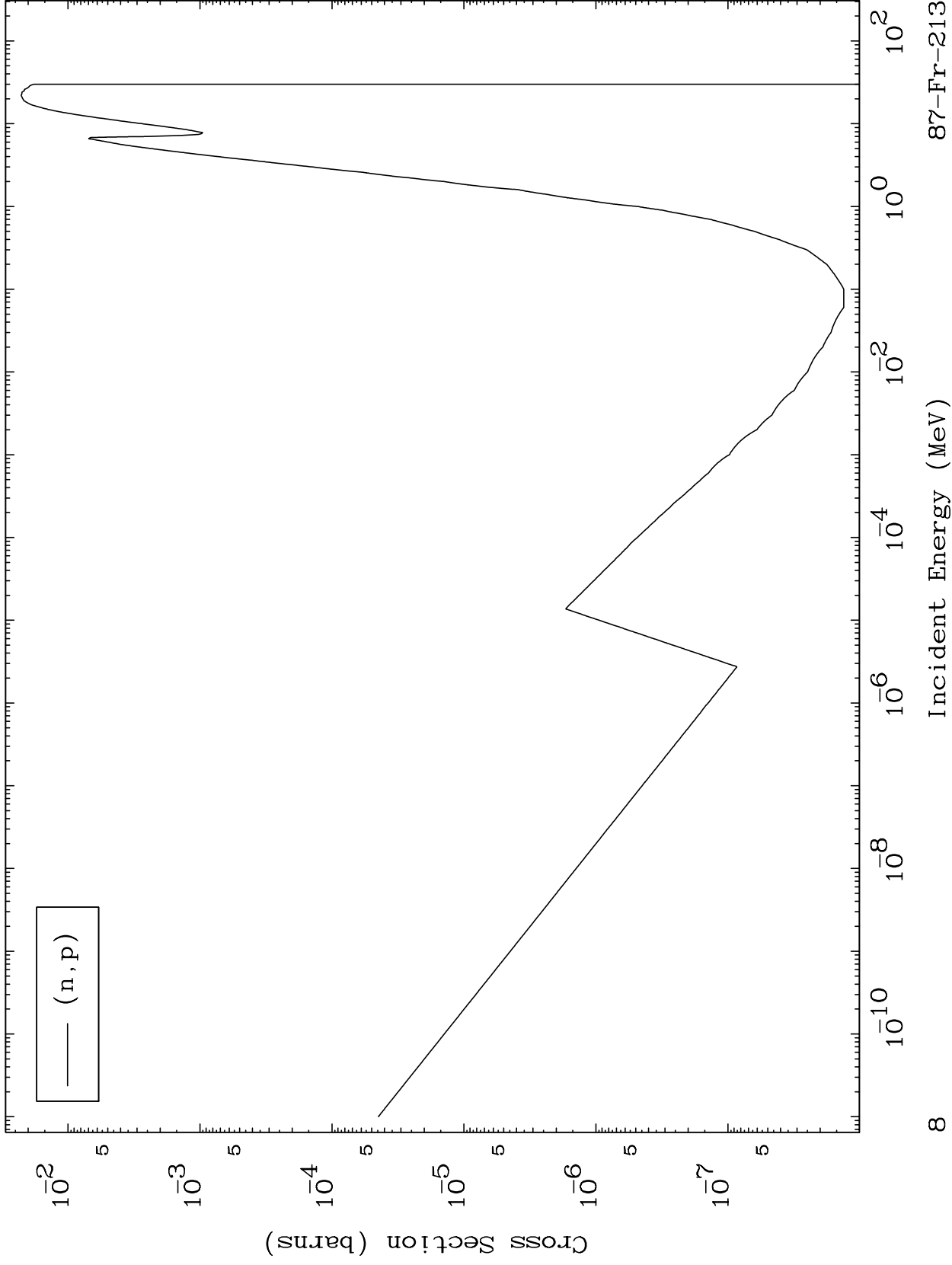




MAT 8728

(n,p) Levels  
293 Kelvin Cross Sections

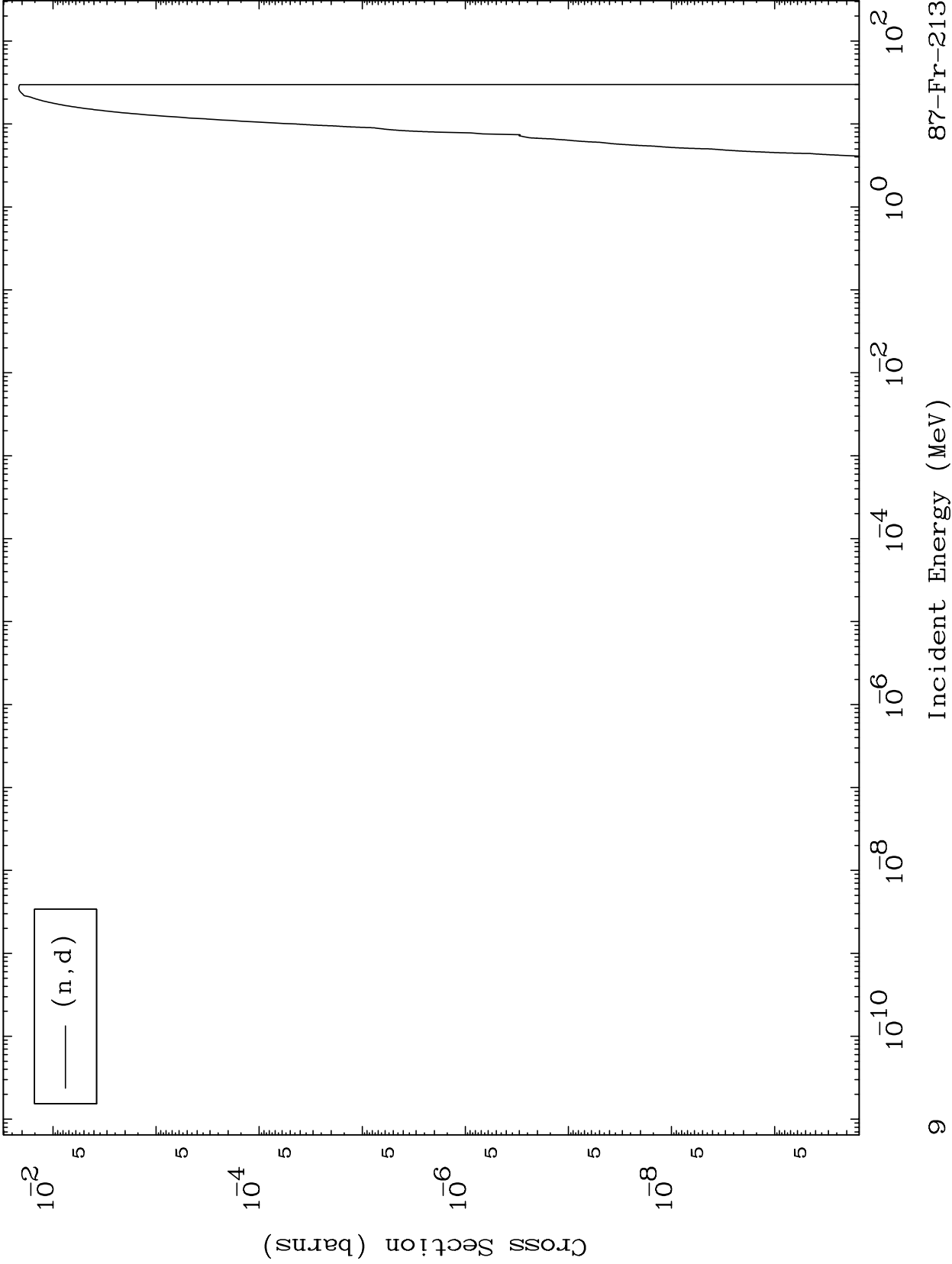
87-Fr-213



MAT 8728

(n,d) Levels  
293 Kelvin Cross Sections

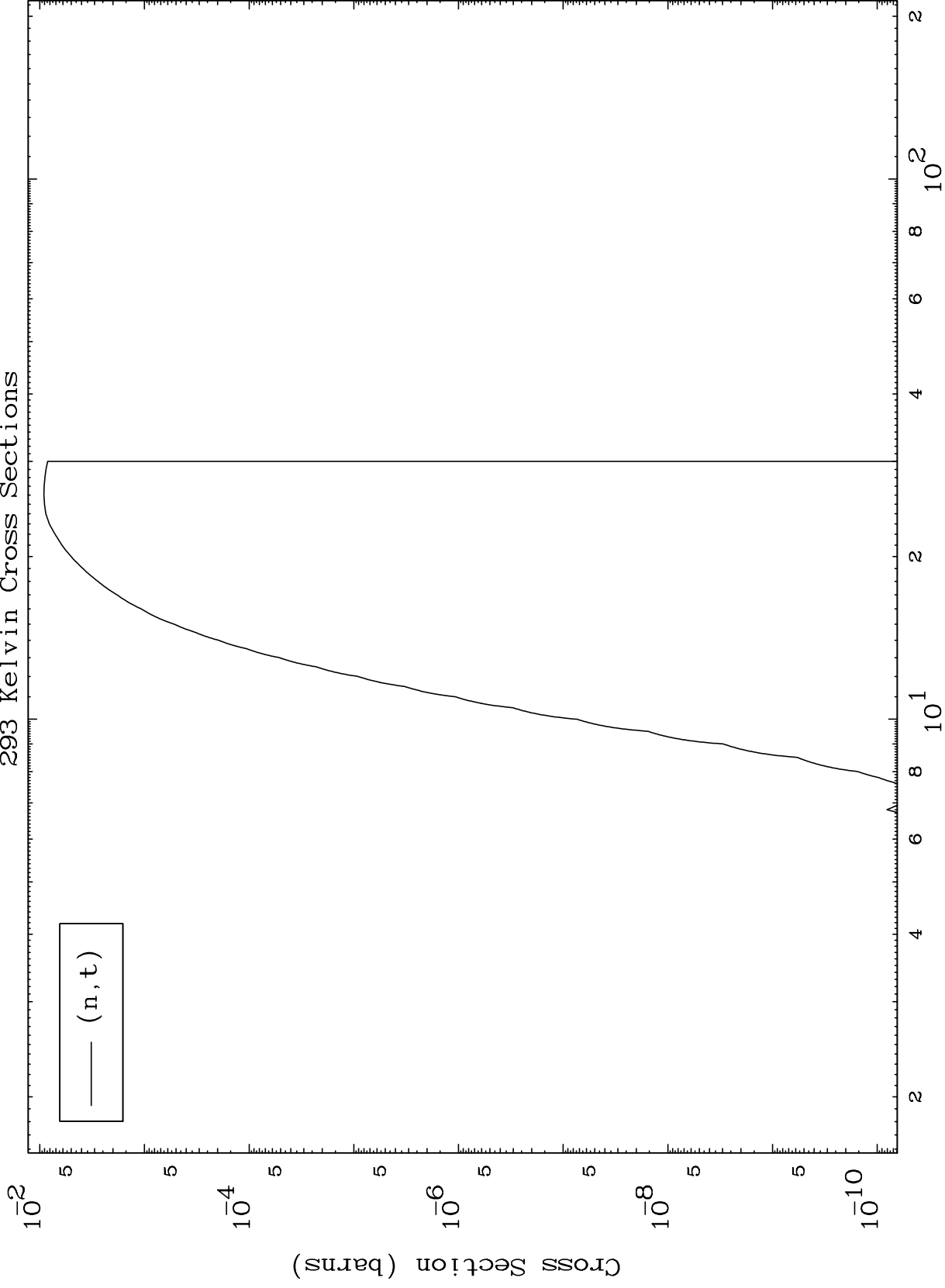
87-Fr-213



MAT 8728

(n,t) Levels  
293 Kelvin Cross Sections

87-Fr-213



10

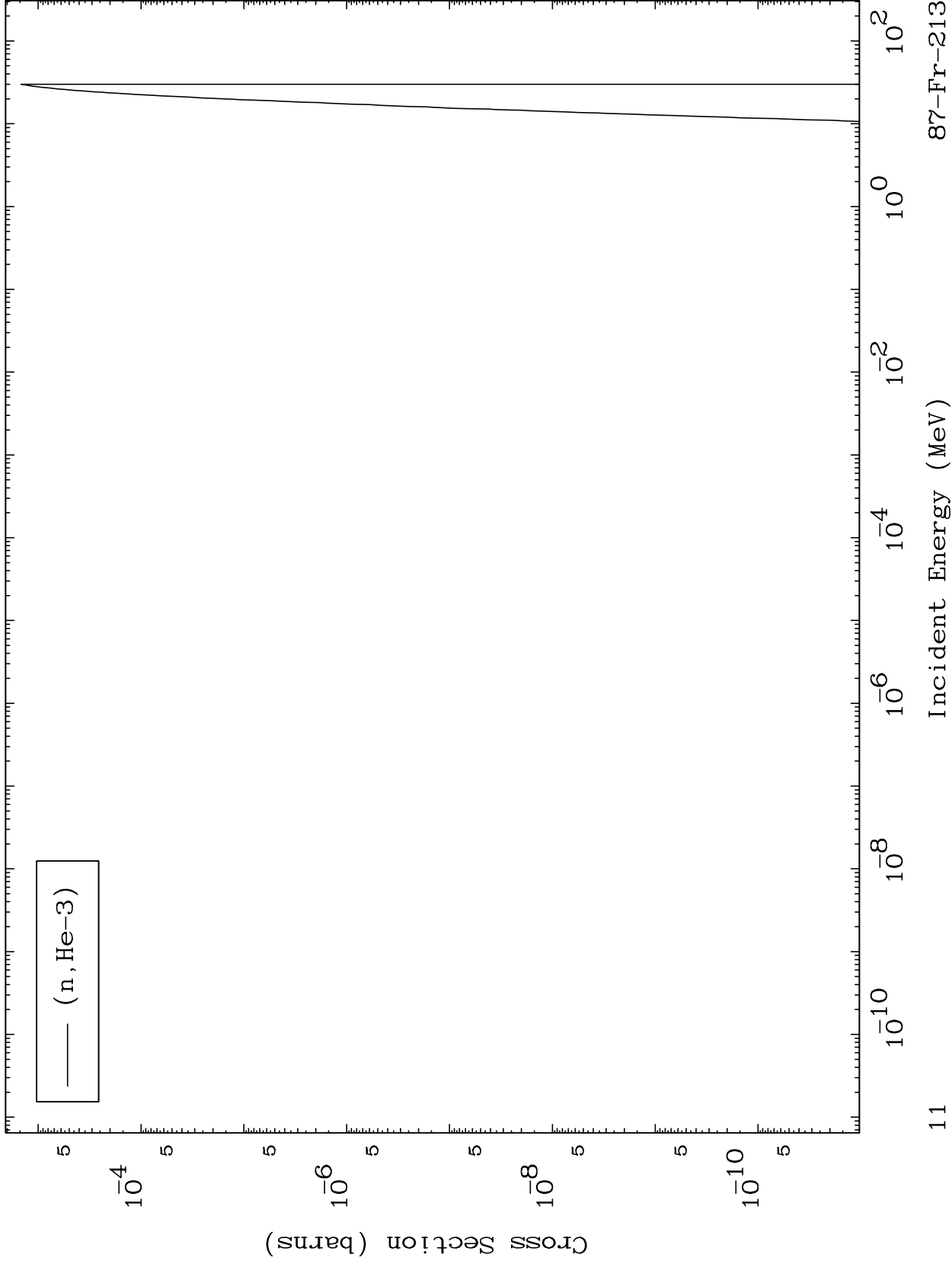
Incident Energy (MeV)

87-Fr-213

MAT 8728

(n,He3) Levels  
293 Kelvin Cross Sections

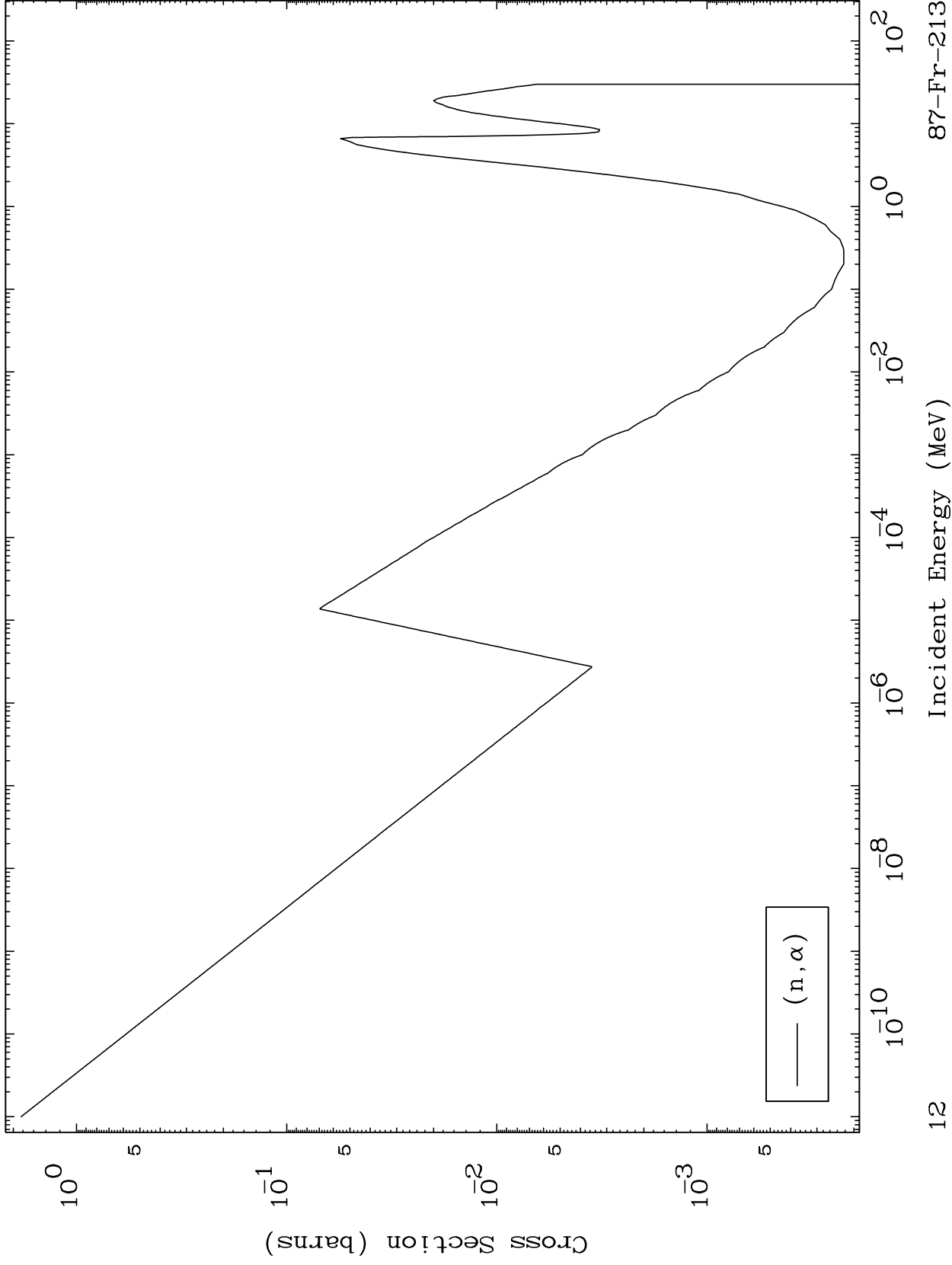
87-Fr-213



MAT 8728

(n,α) Levels  
293 Kelvin Cross Sections

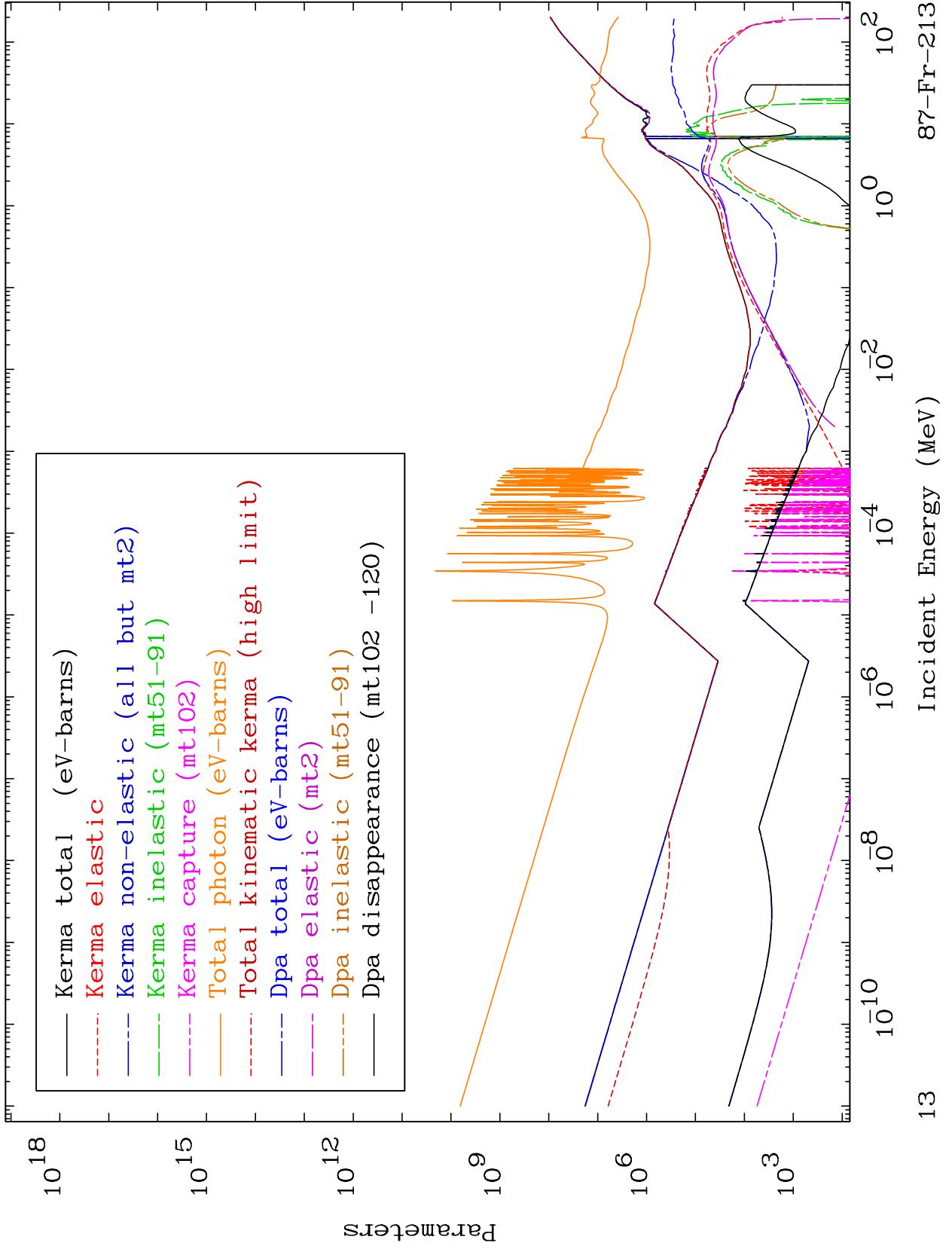
87-Fr-213



12

Incident Energy (MeV)

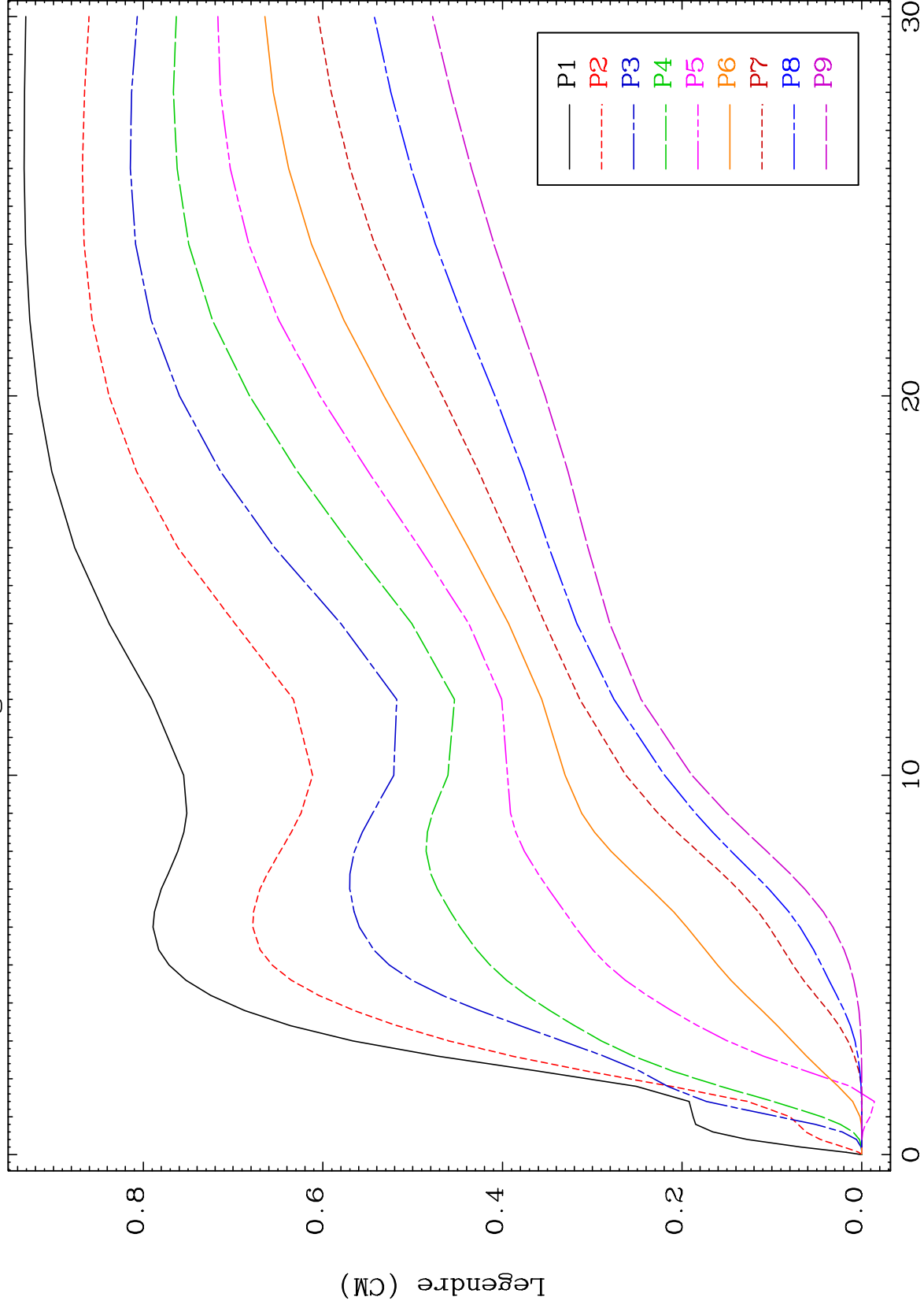
87-Fr-213



MAT 8728

Elastic Legendre Coefficients

87-Fr-213



14

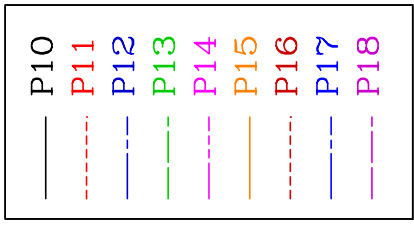
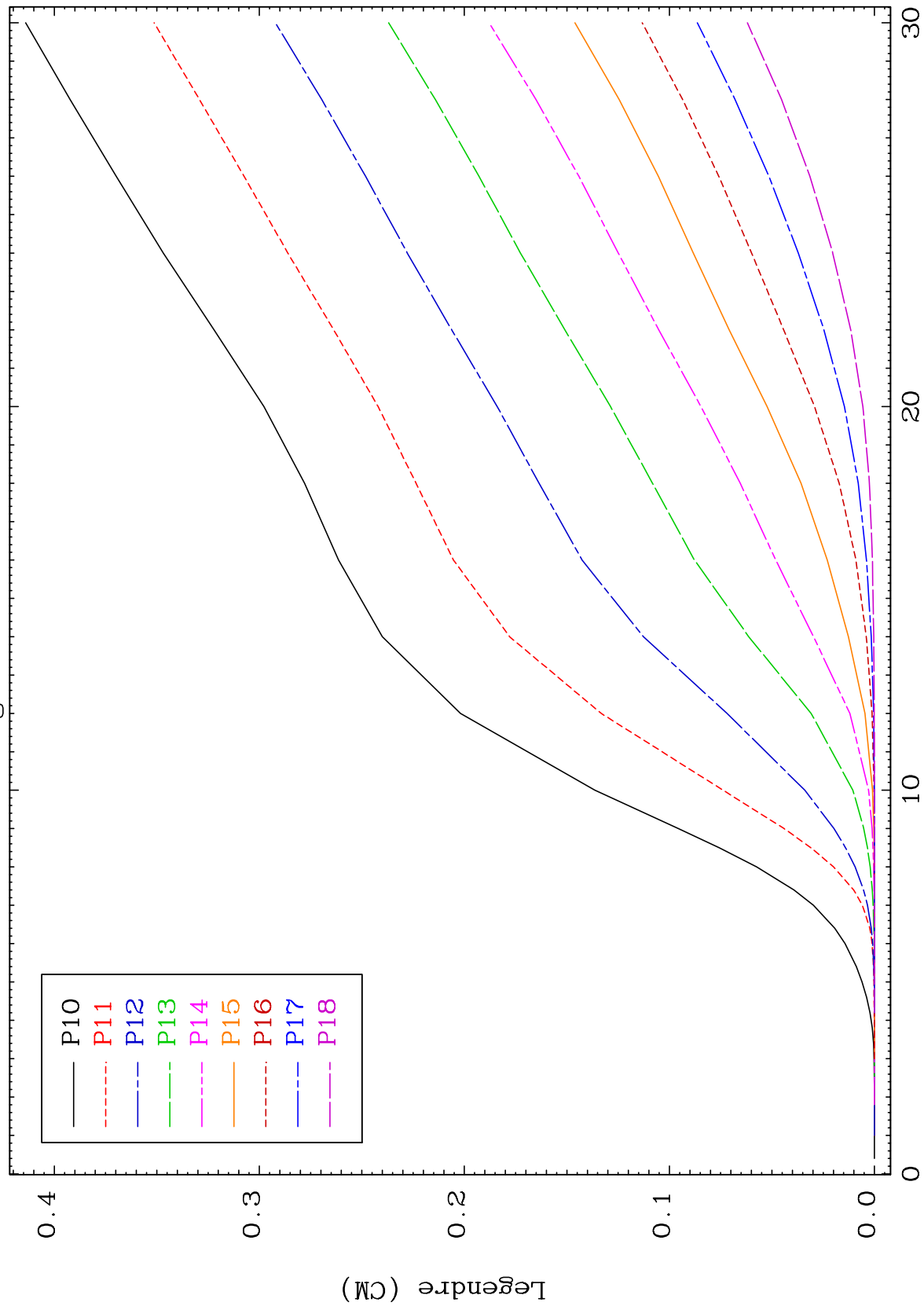
Incident Energy (MeV)

87-Fr-213

MAT 8728

Elastic Legendre Coefficients

87-Fr-213

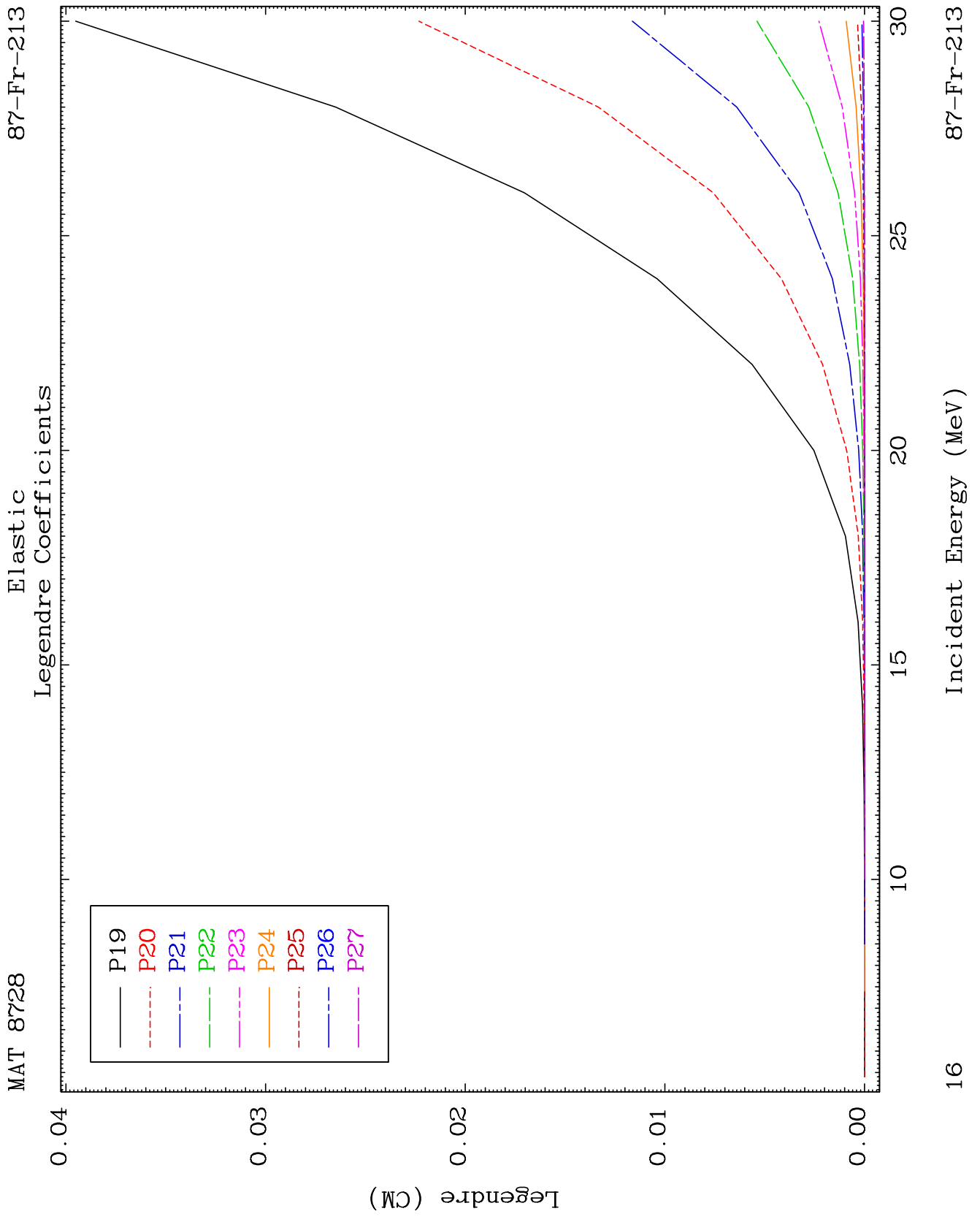


15

Incident Energy (MeV)

87-Fr-213

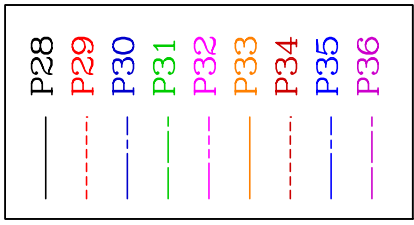
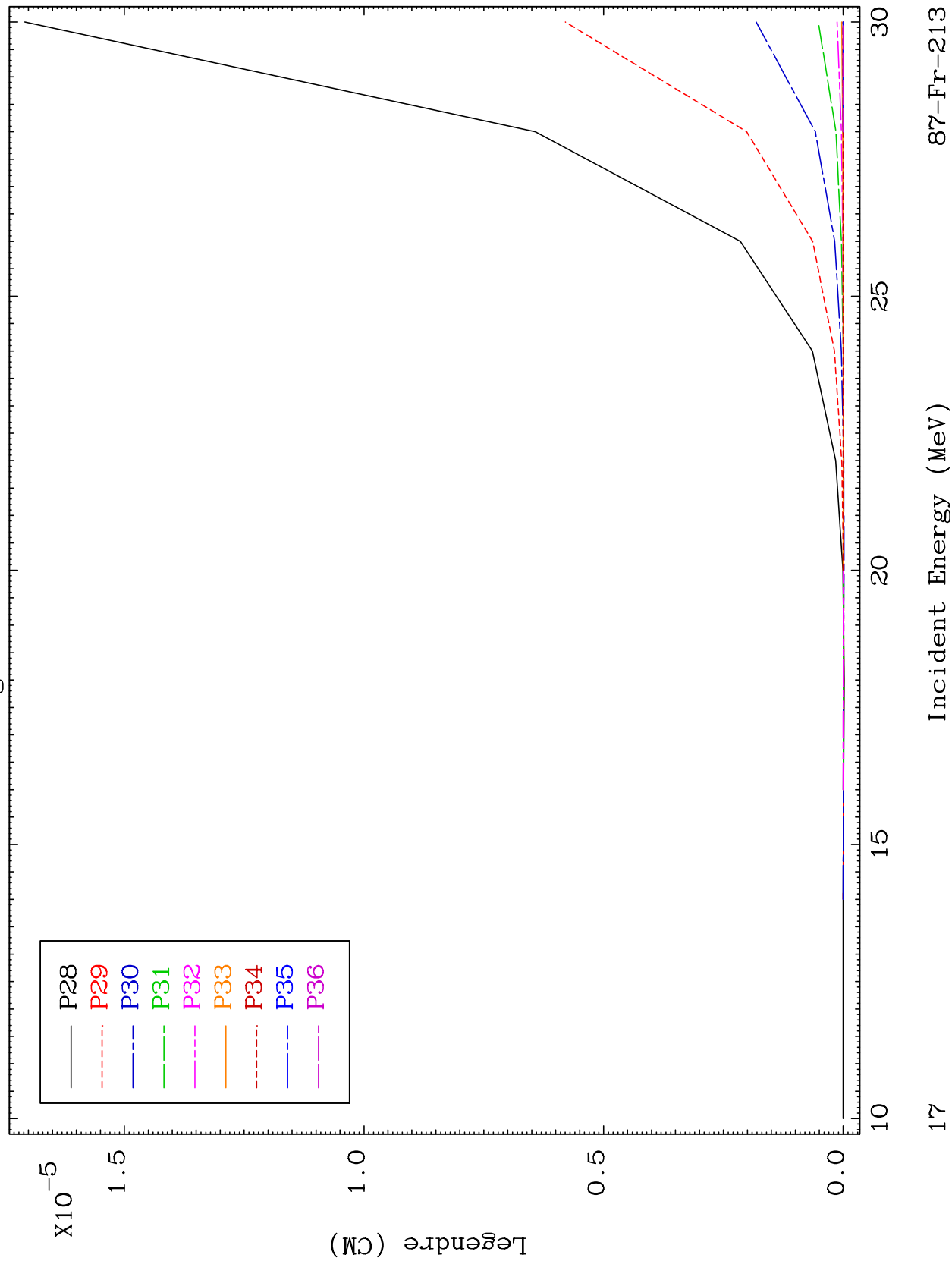




MAT 8728

Elastic  
Legendre Coefficients

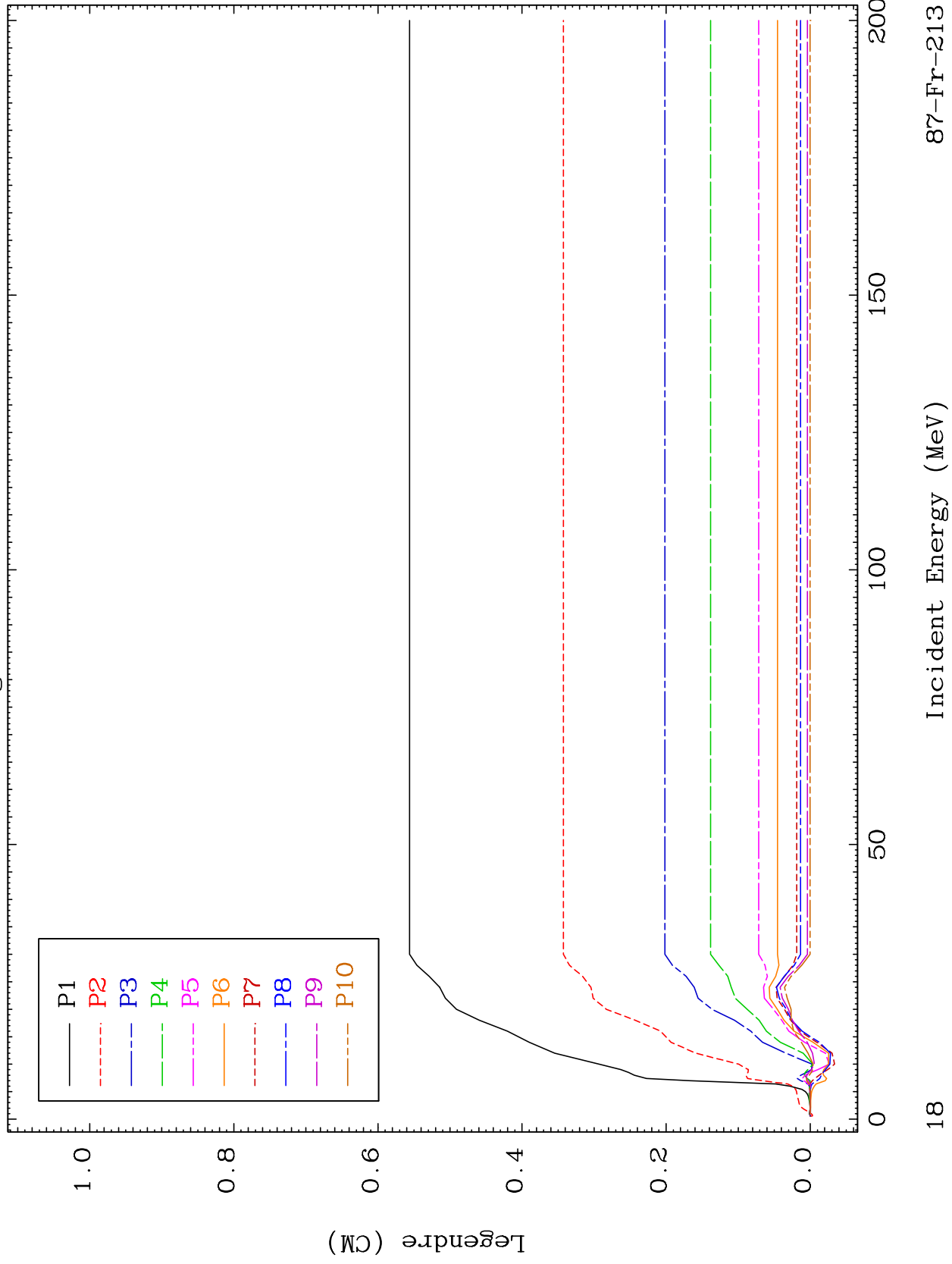
87-Fr-213



MAT 8728

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

87-Fr-213

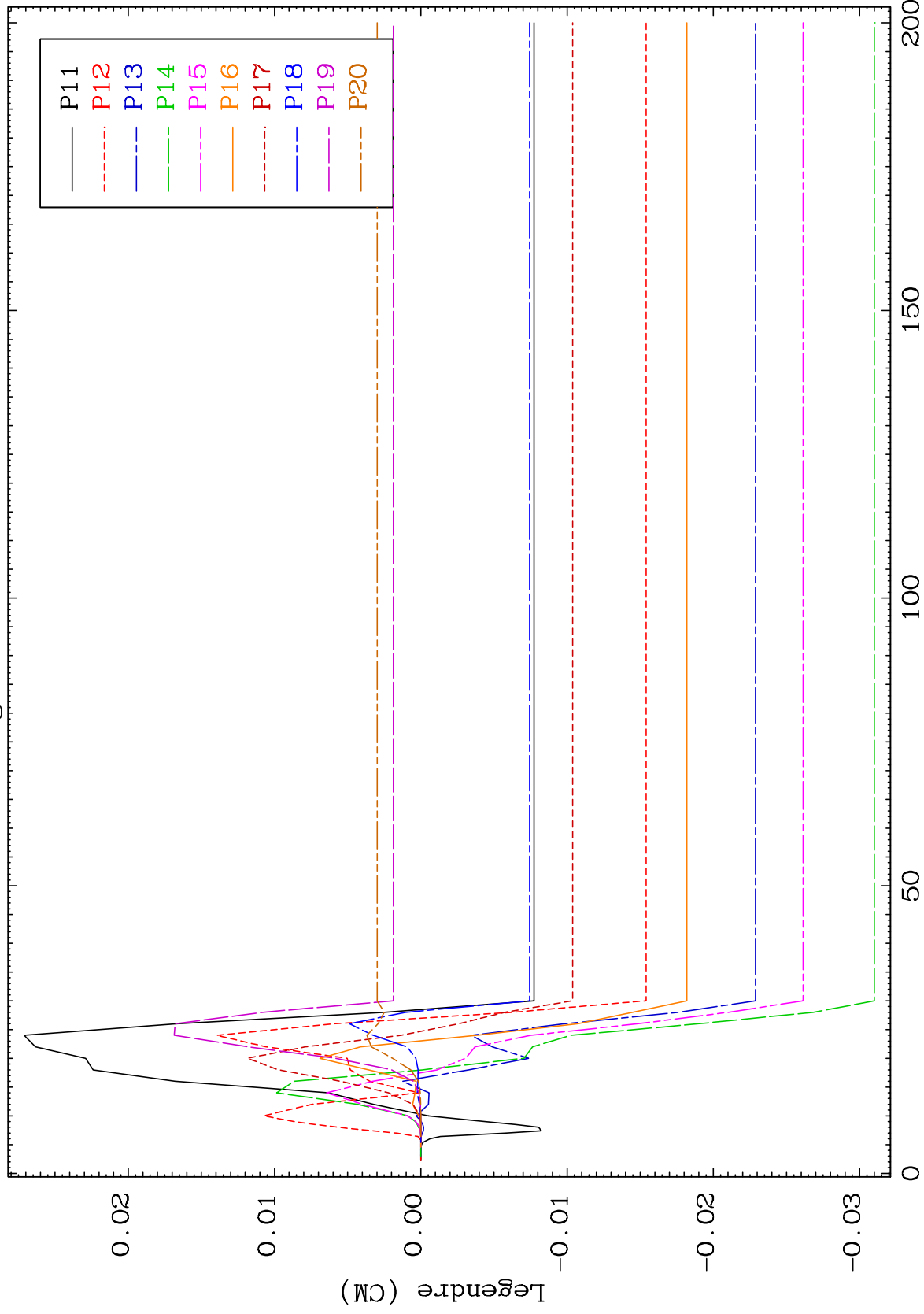


18

MAT 8728

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

87-Fr-213



19

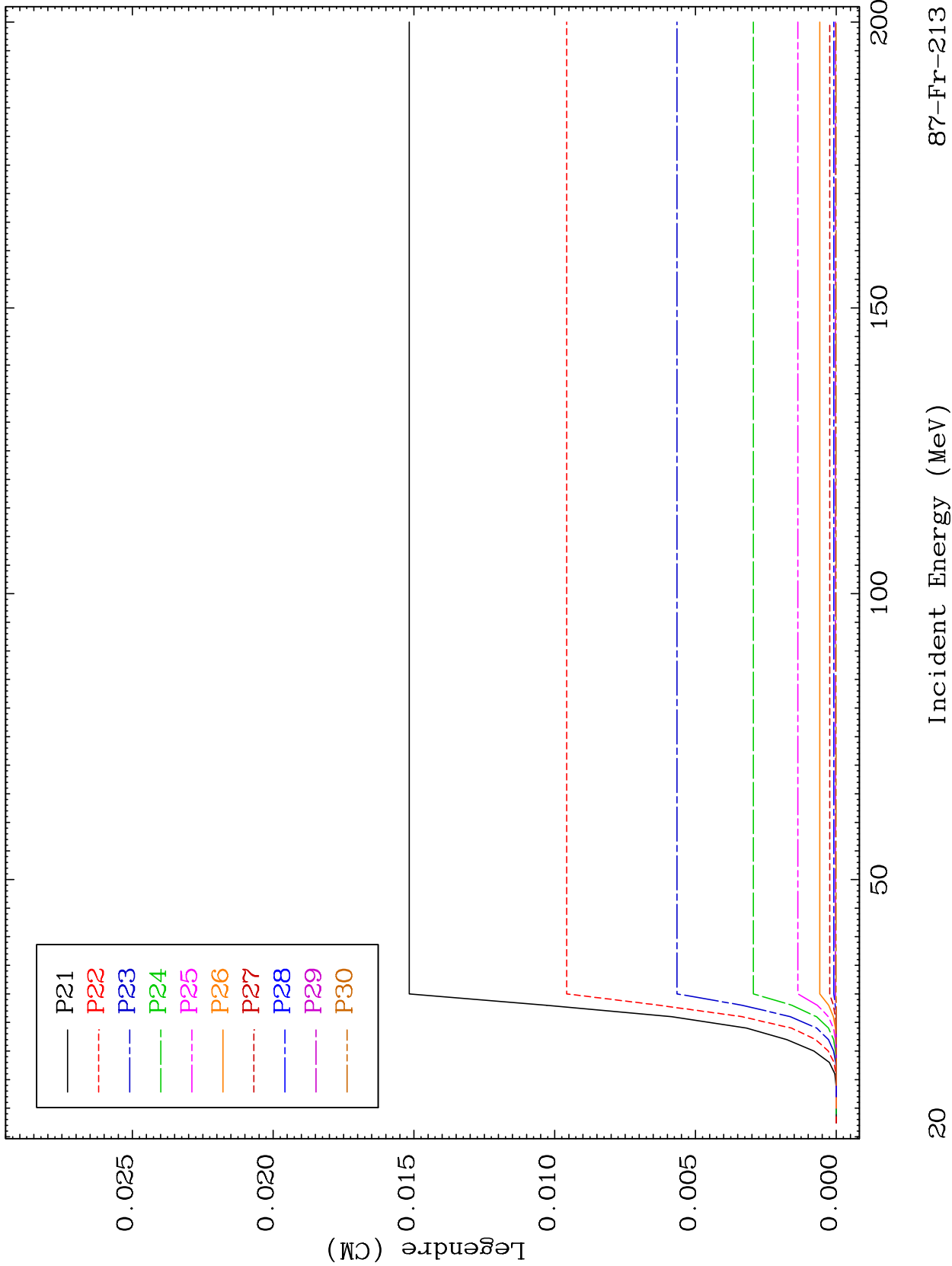
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



87-Fr-213

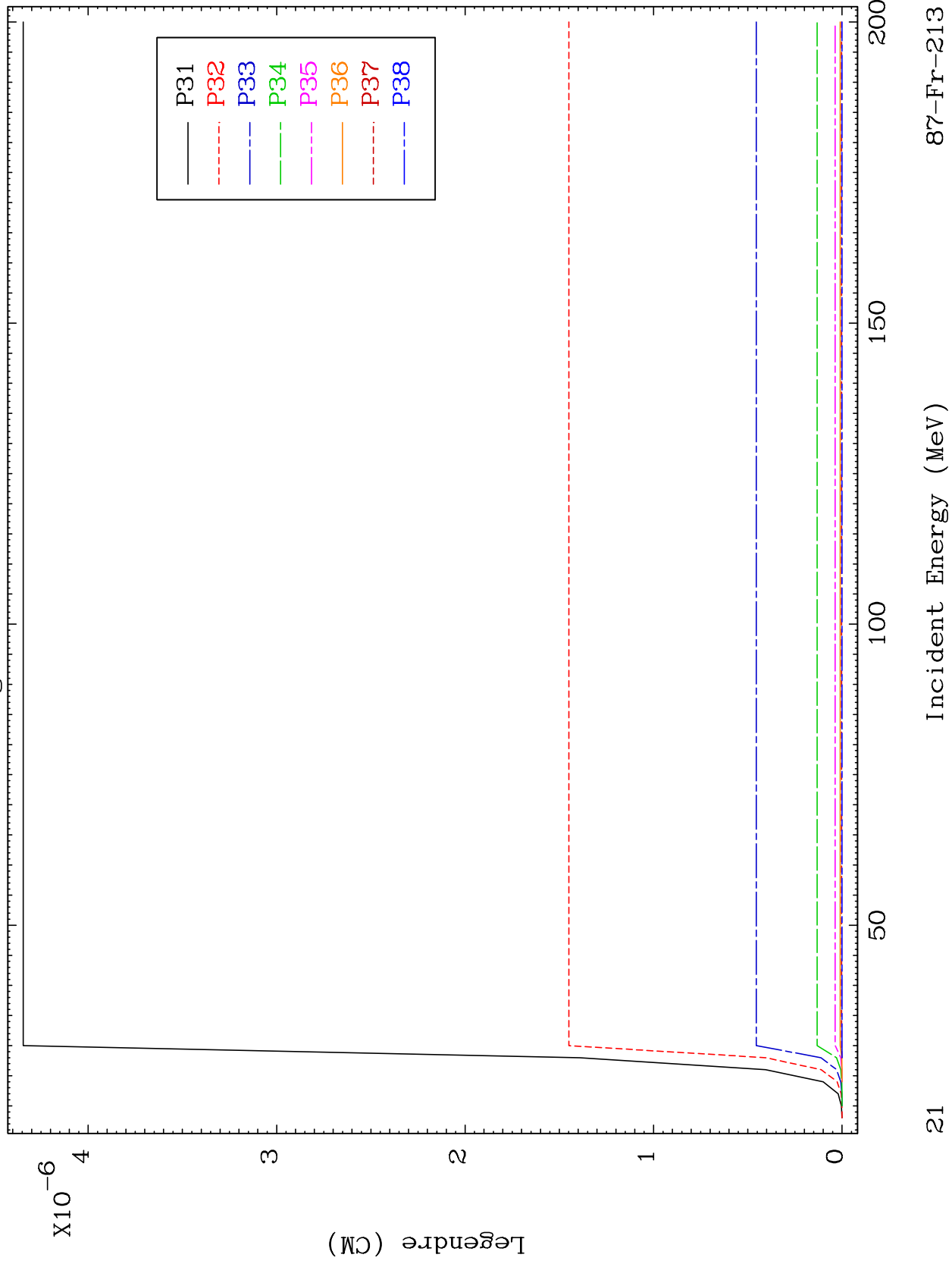
Incident Energy (MeV)

20

MAT 8728

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

87-Fr-213



21

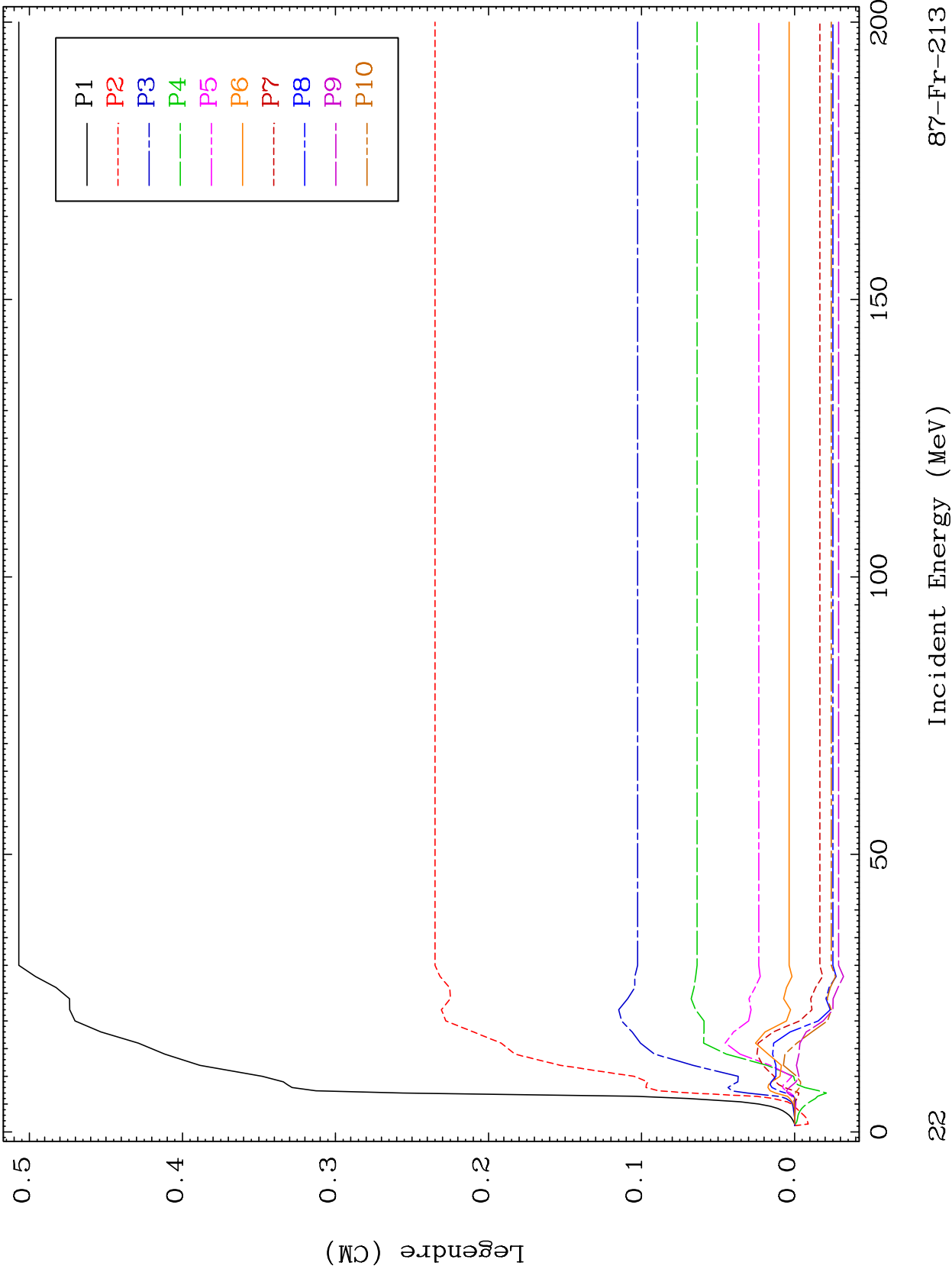
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



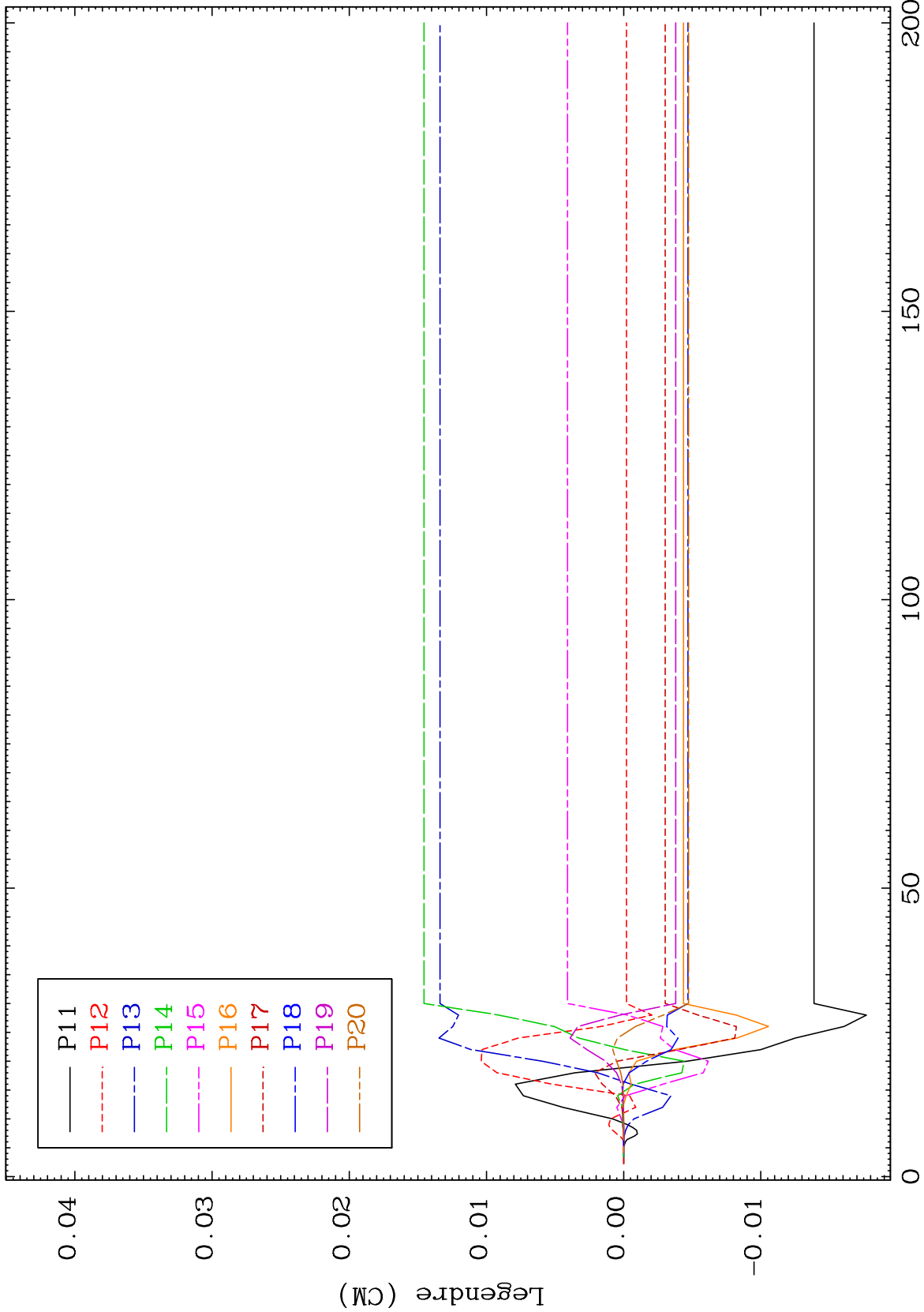
22

87-Fr-213

MAT 8728

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

87-Fr-213



23

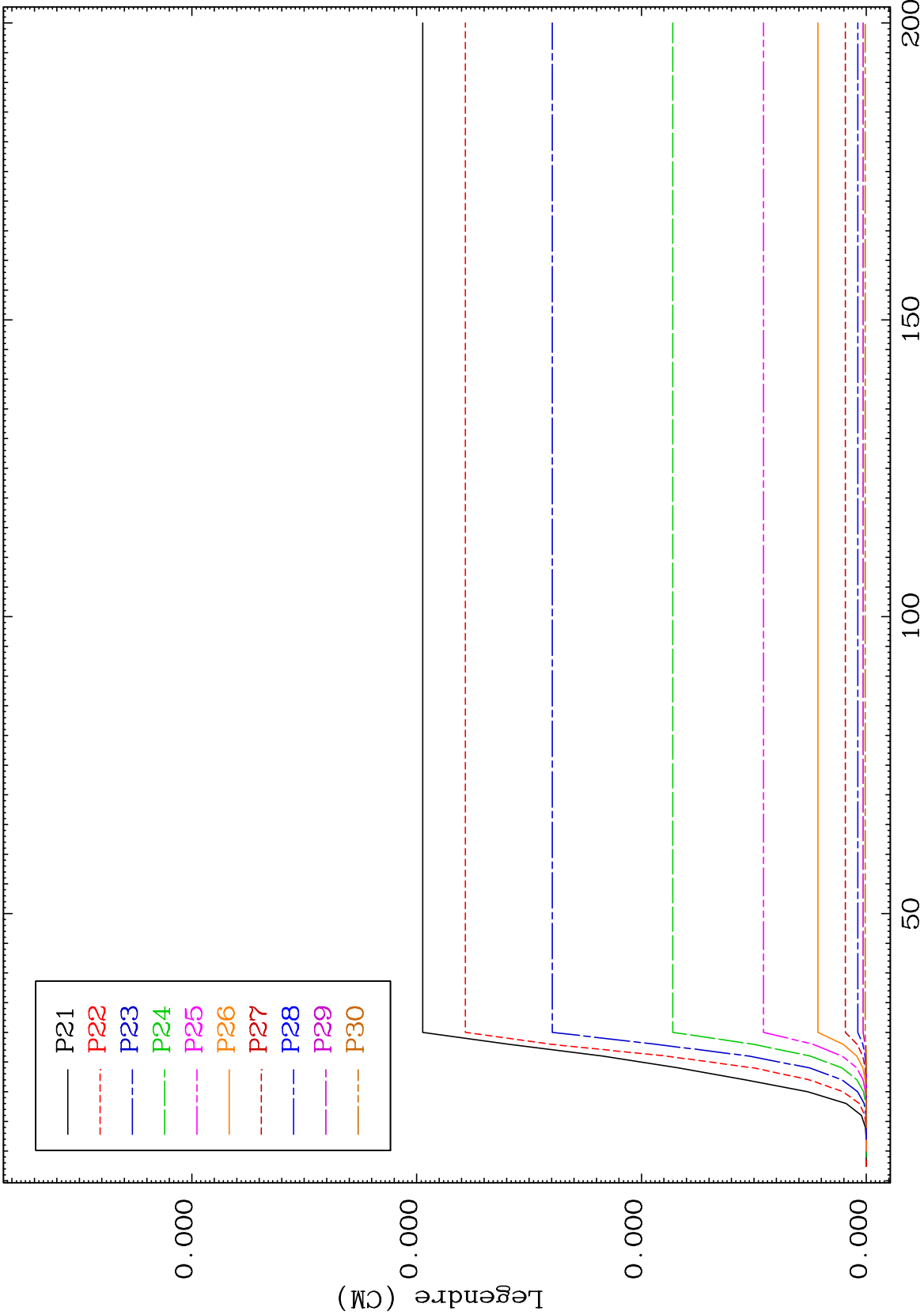
87-Fr-213



MAT 8728

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

87-Fr-213



24

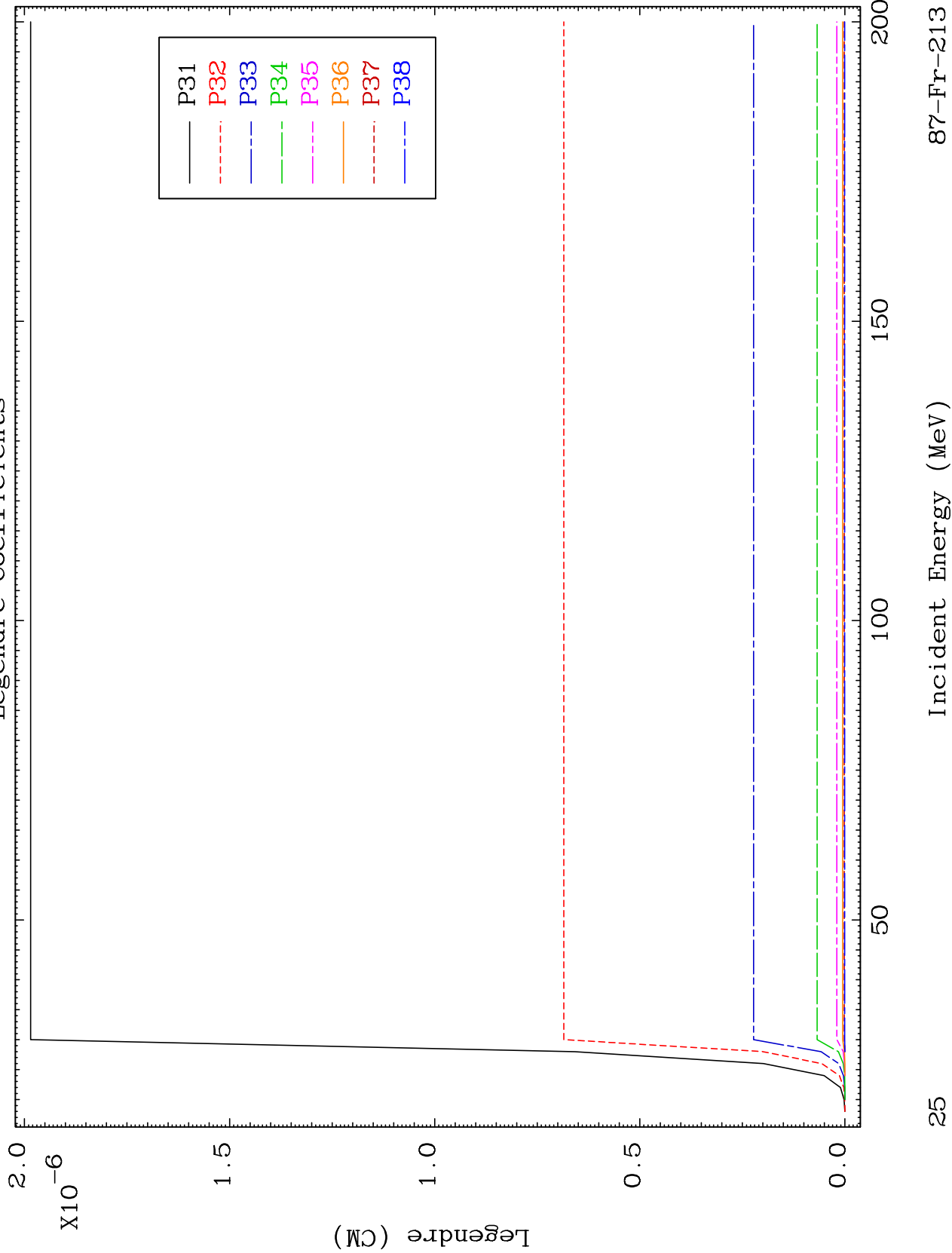
Incident Energy (MeV)

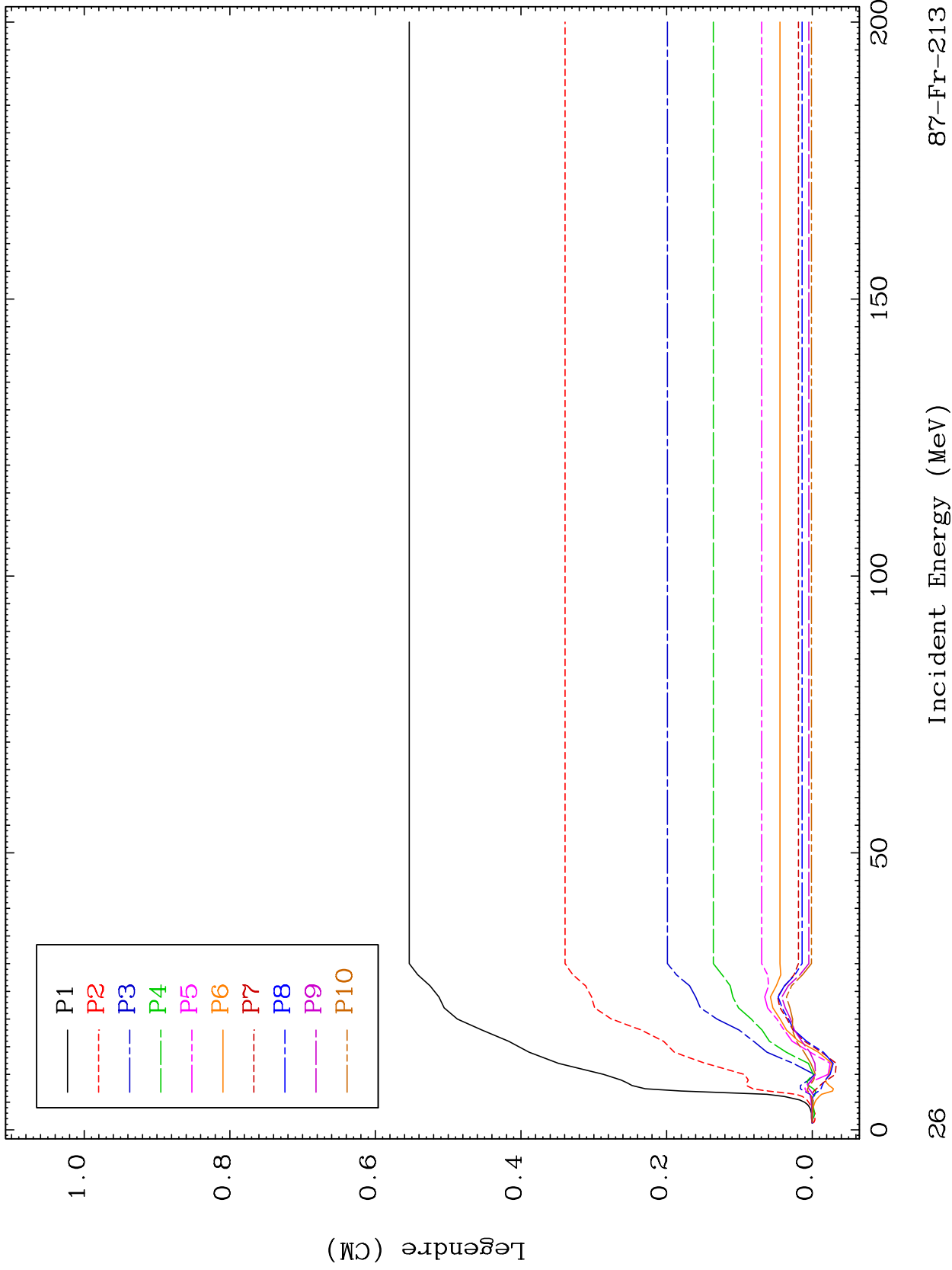
87-Fr-213

MAT 8728

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

87-Fr-213

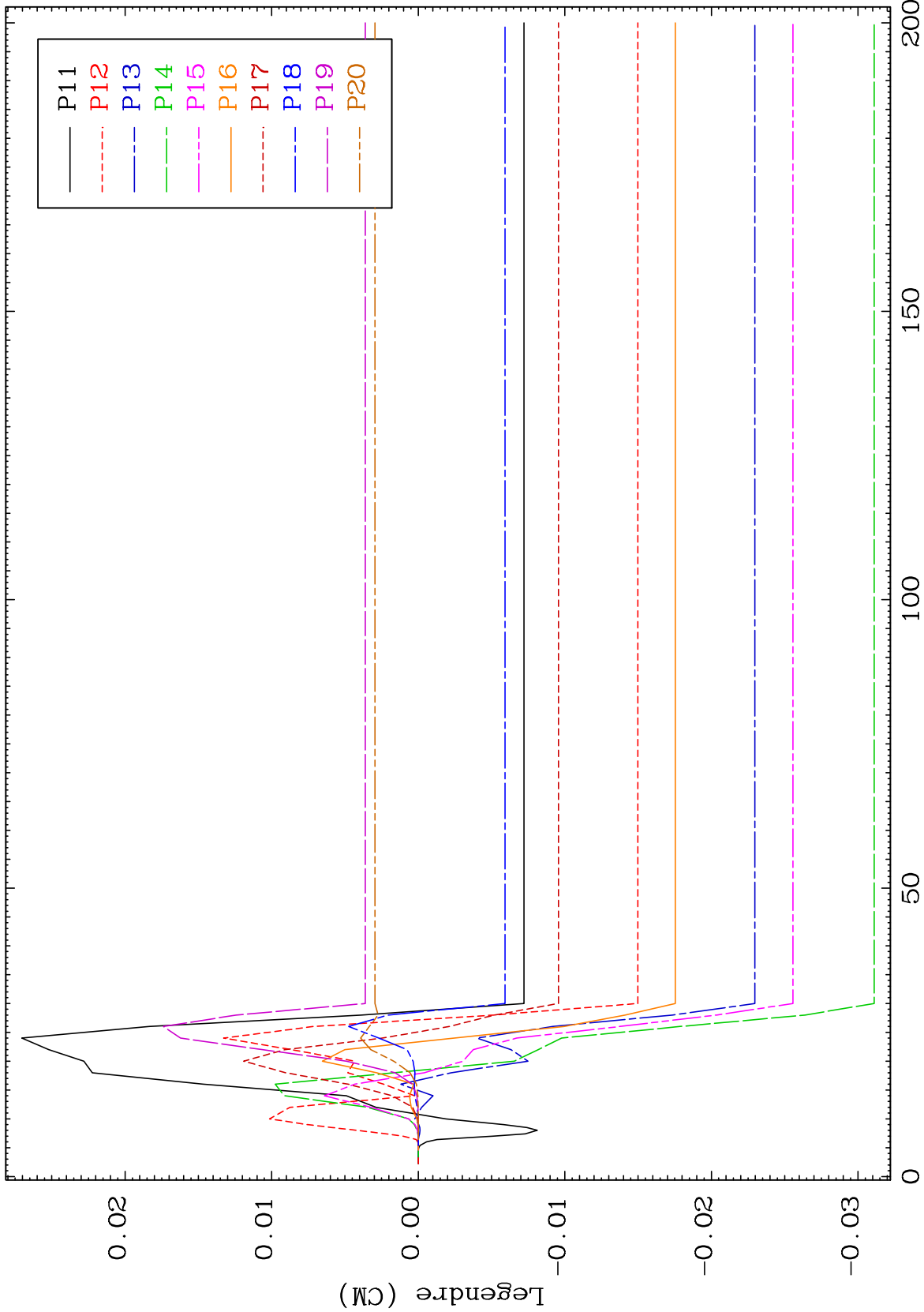




MAT 8728

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

87-Fr-213



27

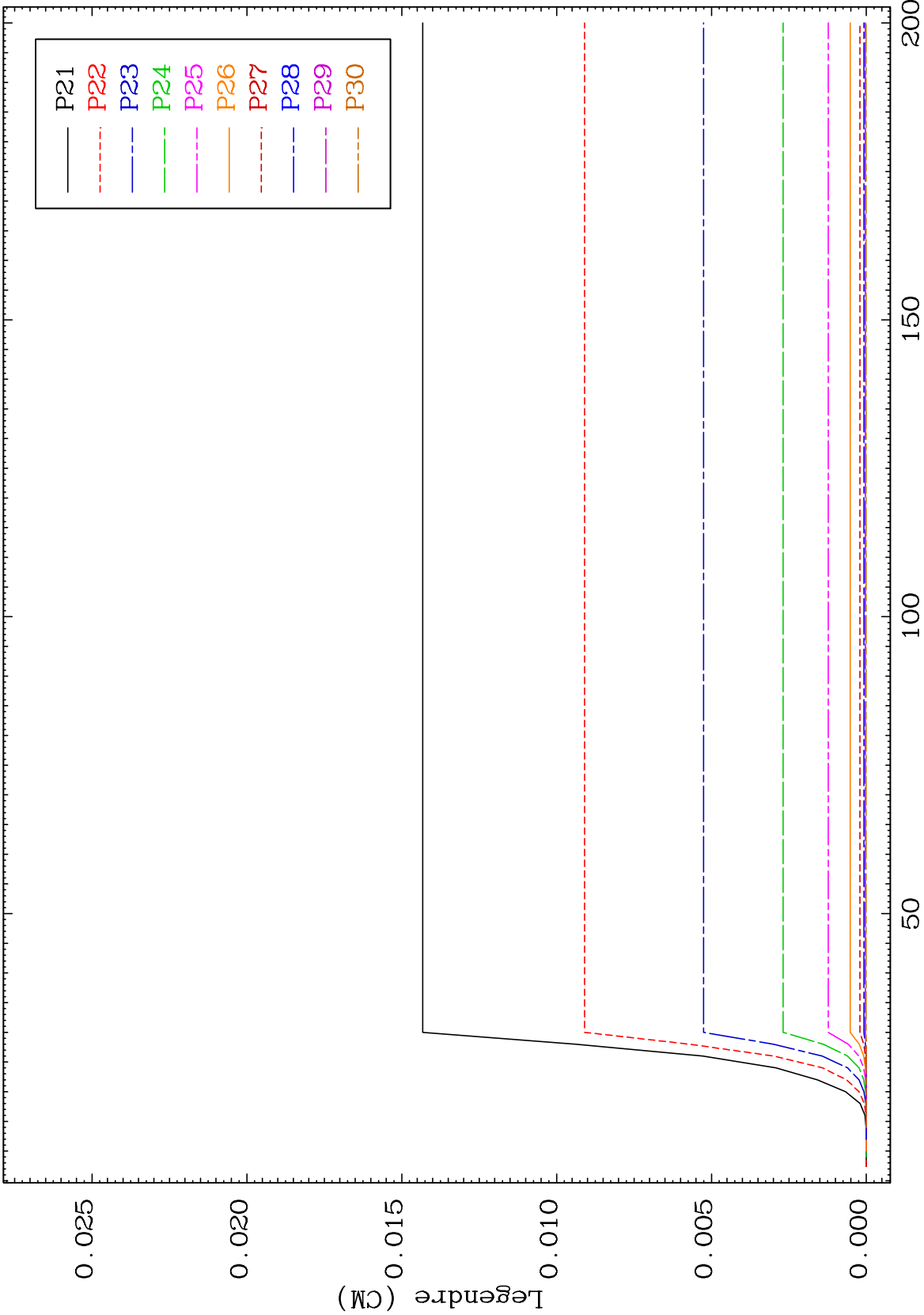
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



28

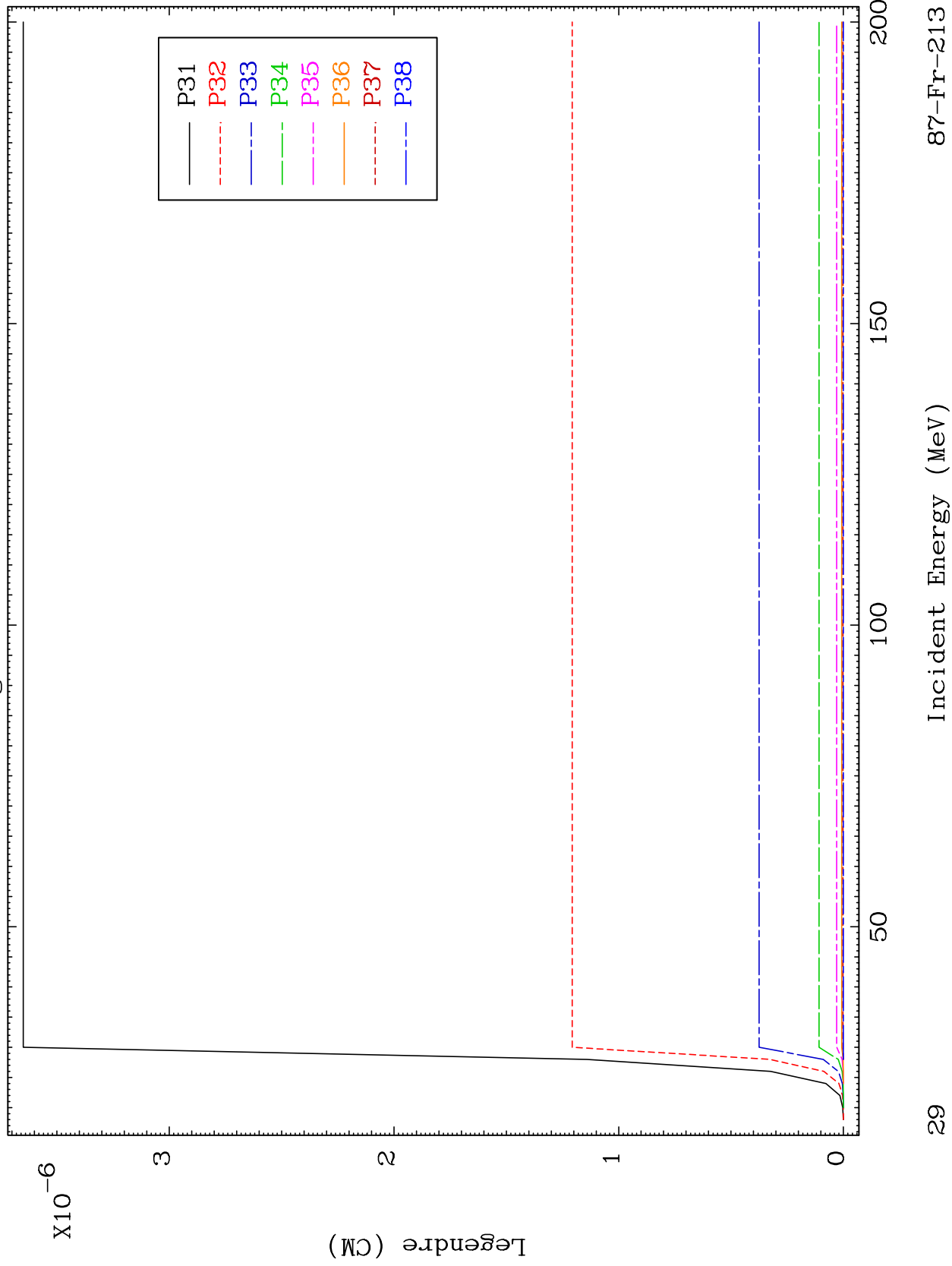
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



87-Fr-213

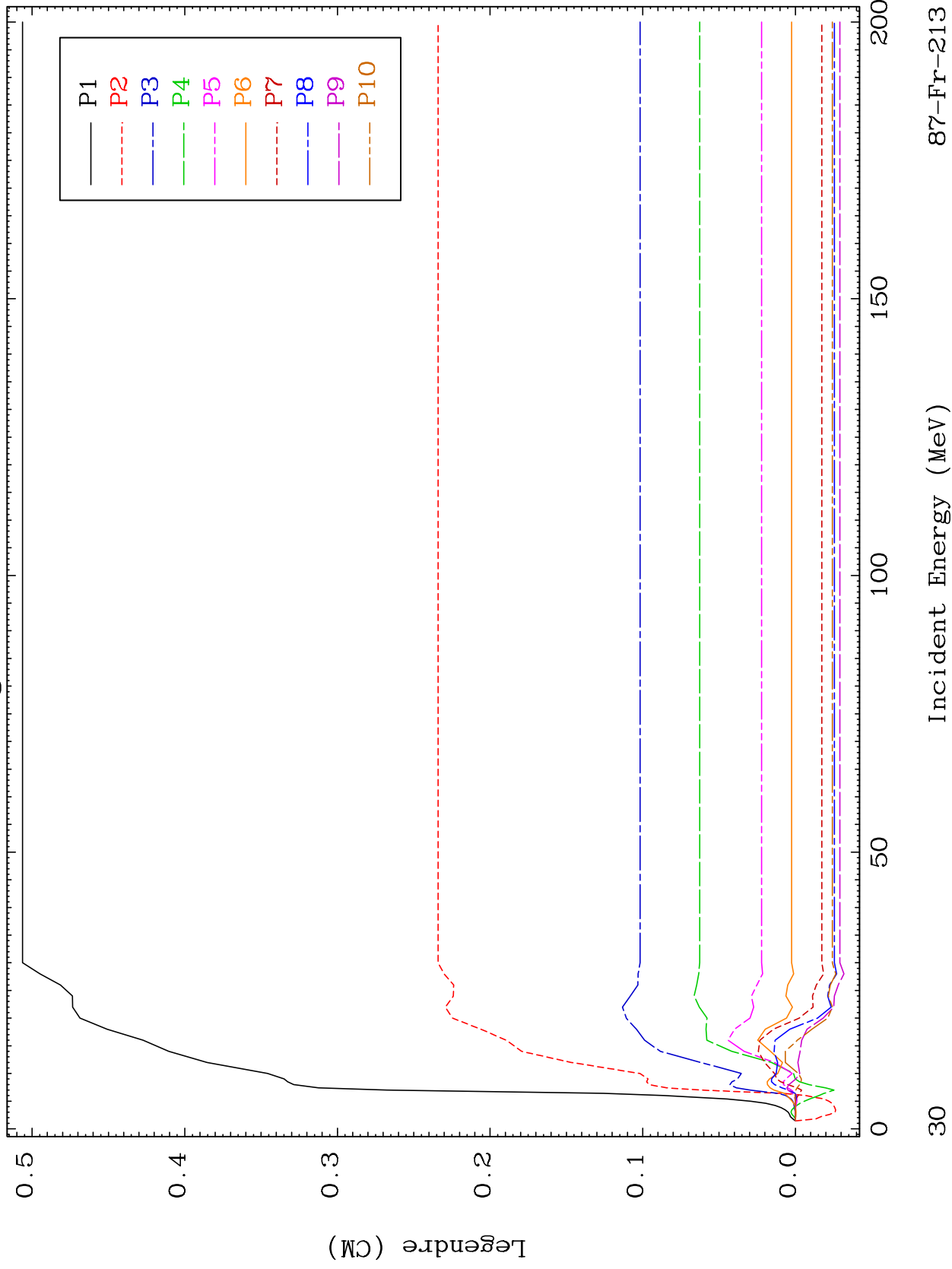
Incident Energy (MeV)

29

MAT 8728

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

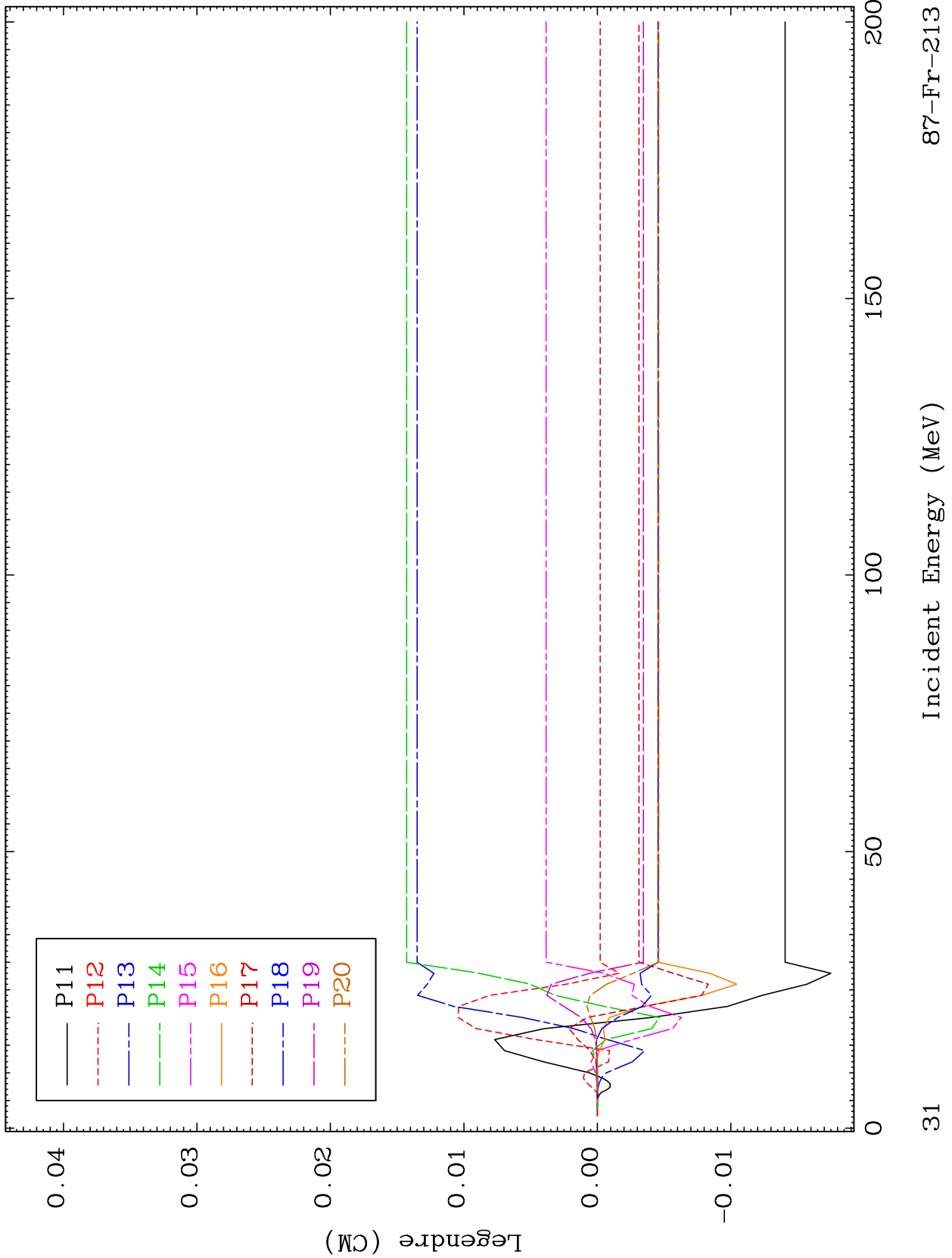
87-Fr-213



MAT 8728

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

87-Fr-213

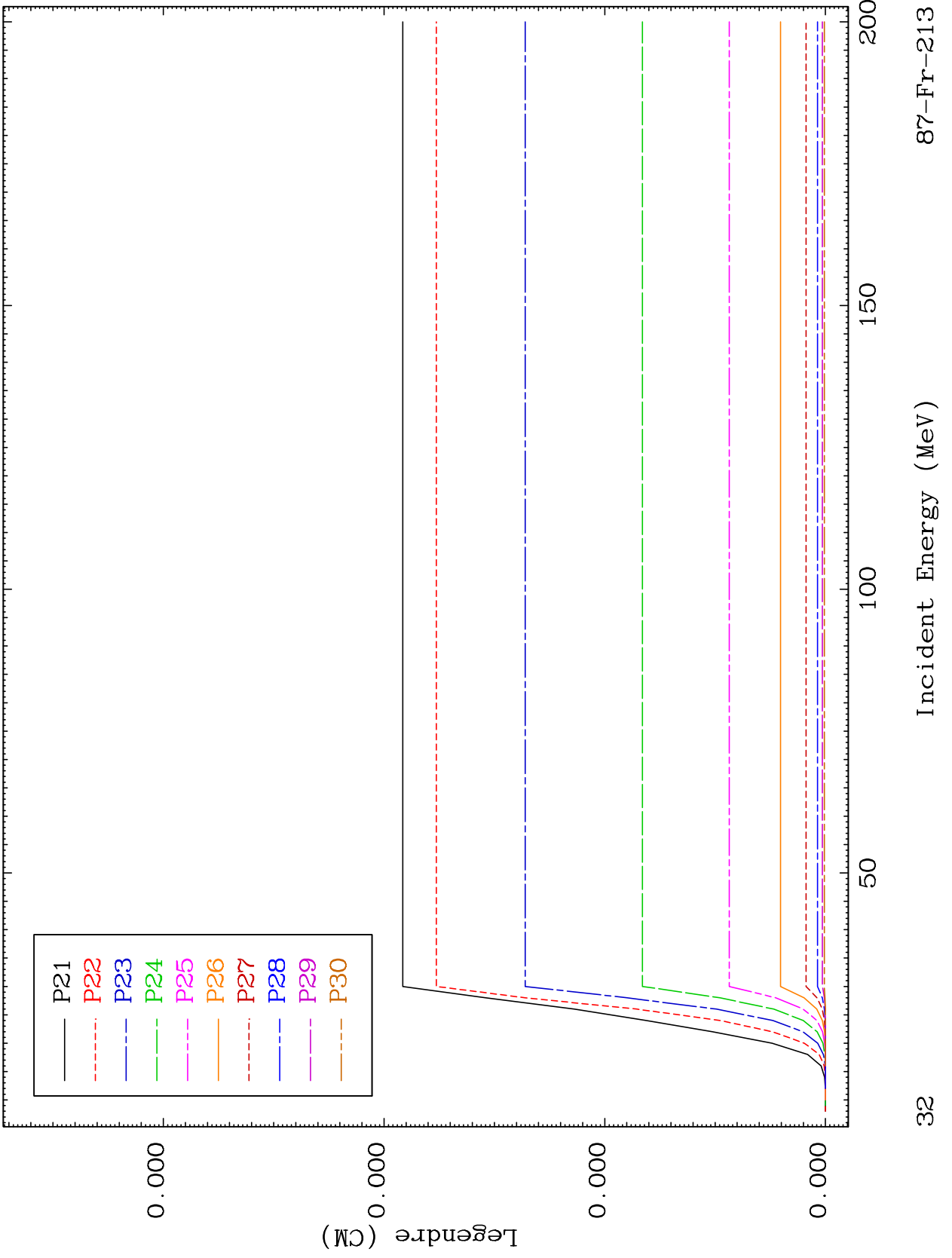




MAT 8728

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

87-Fr-213



32

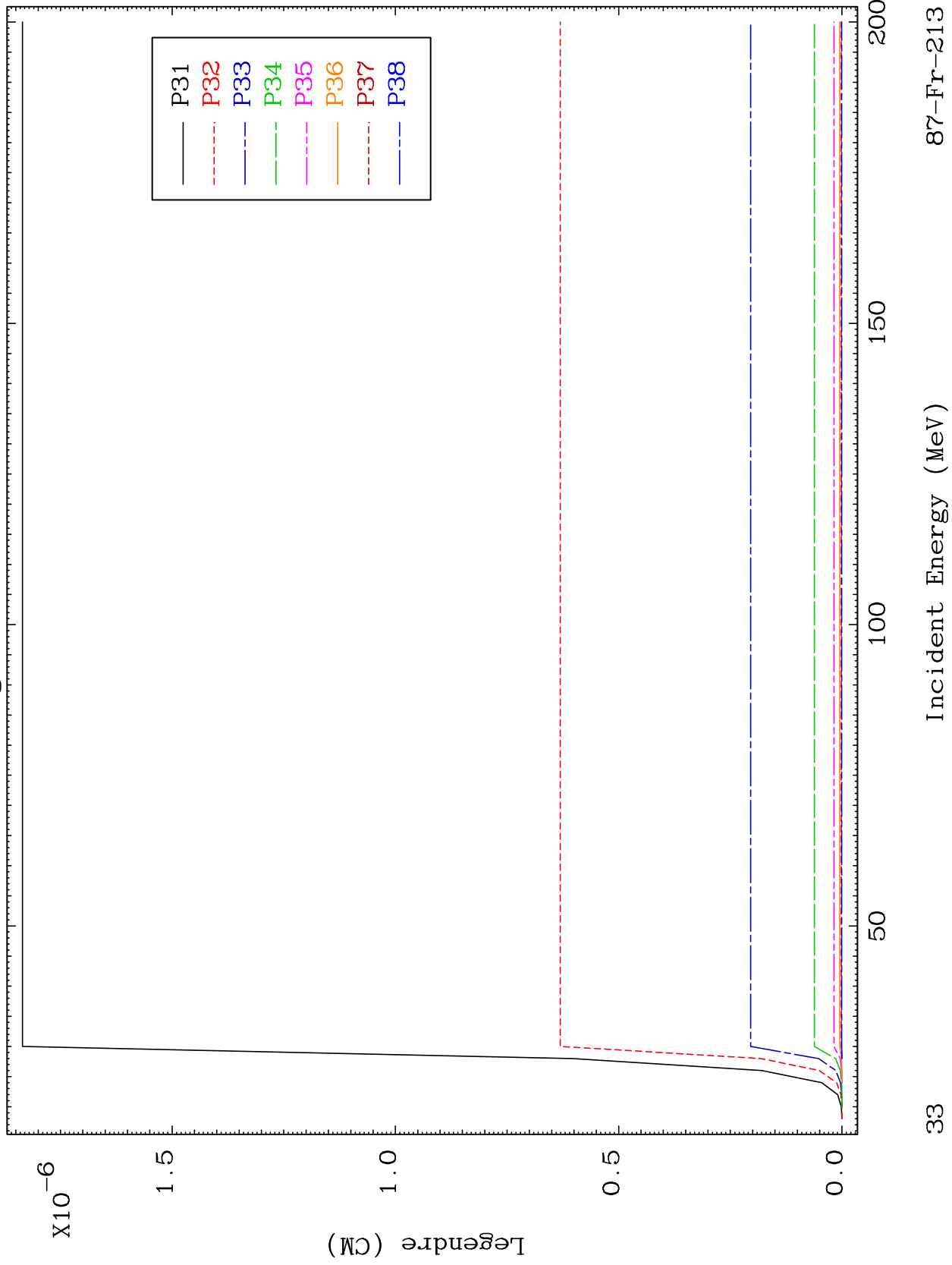
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213

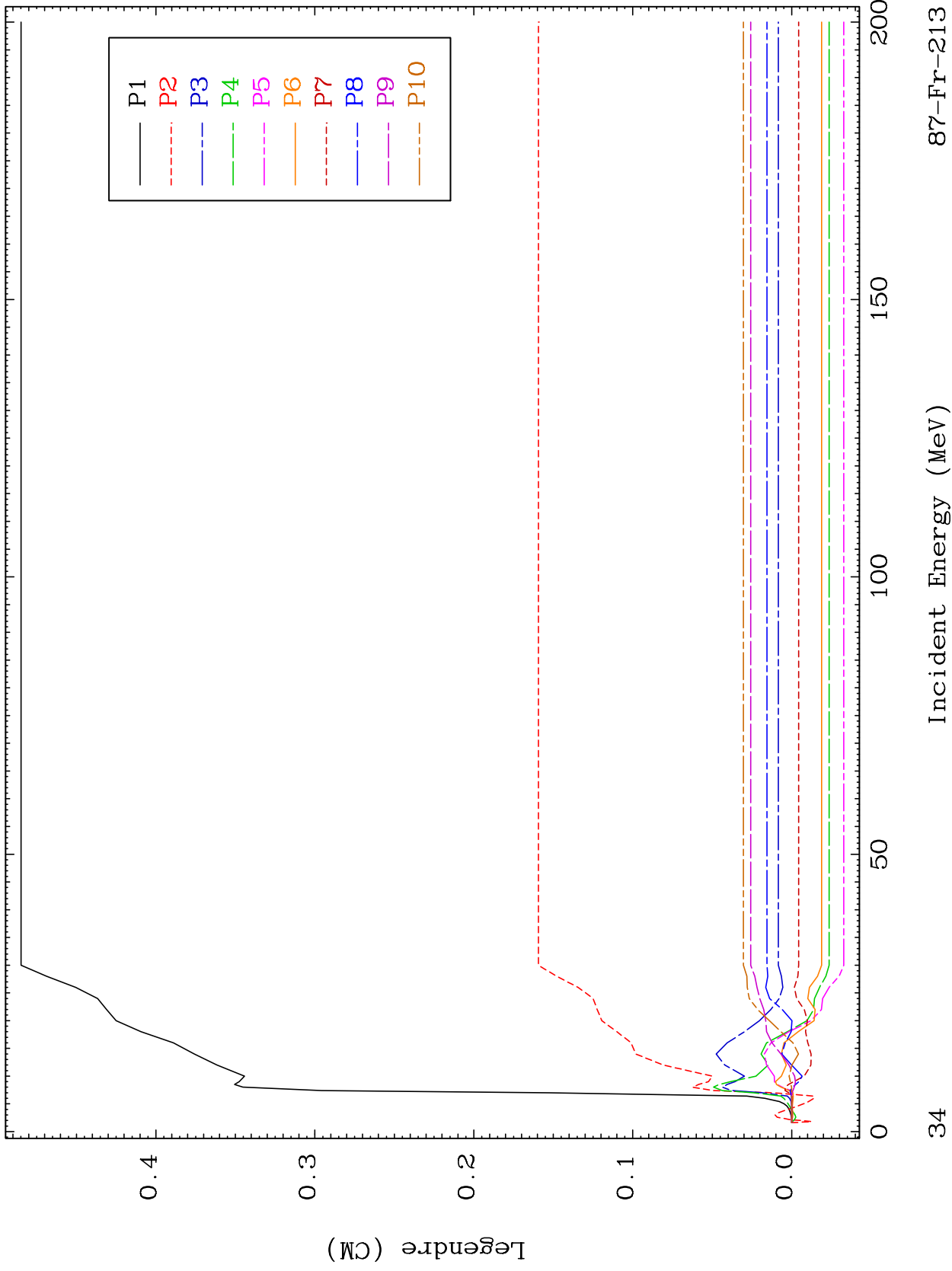


33

MAT 8728

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

87-Fr-213



87-Fr-213

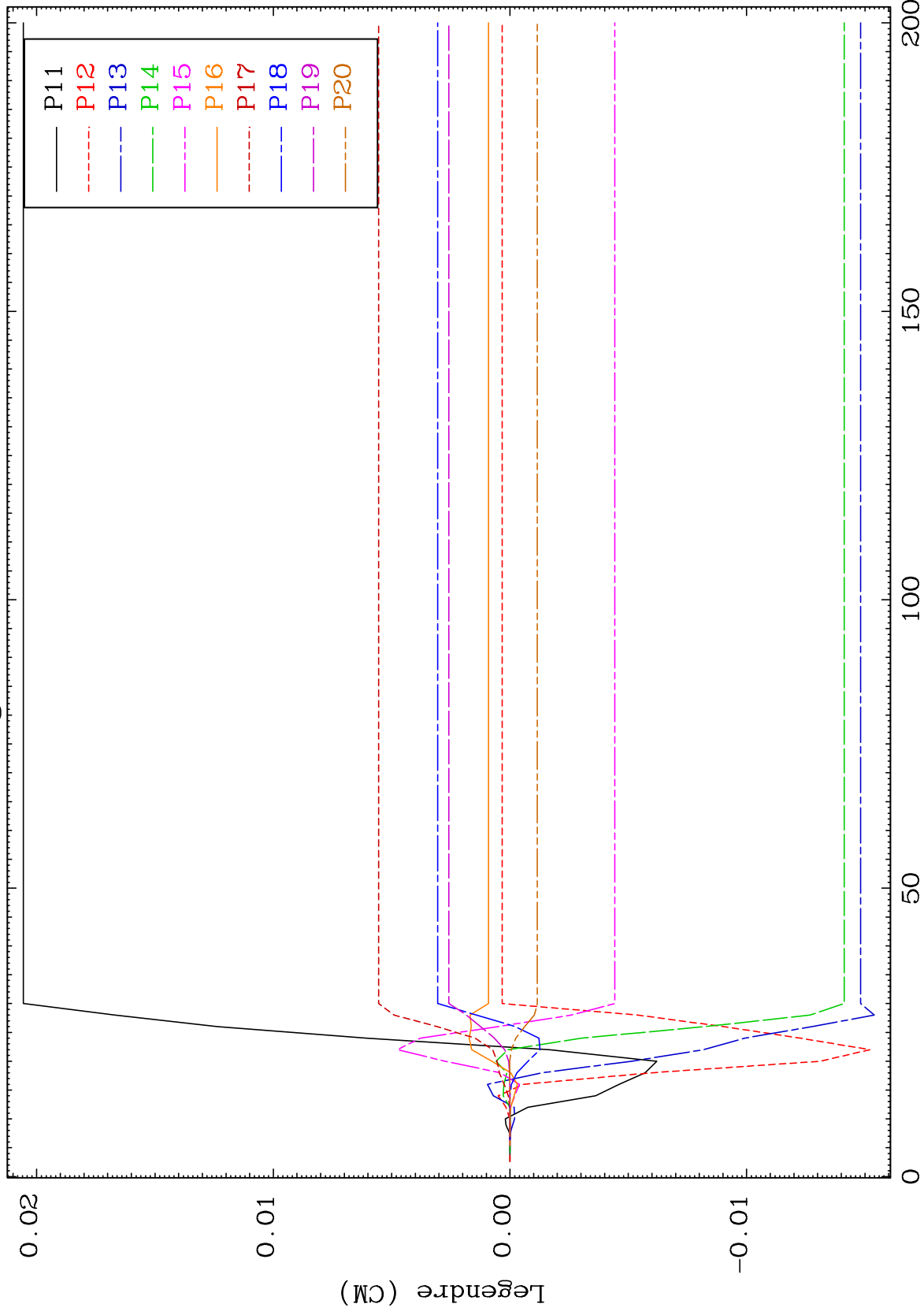
Incident Energy (MeV)

34

MAT 8728

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

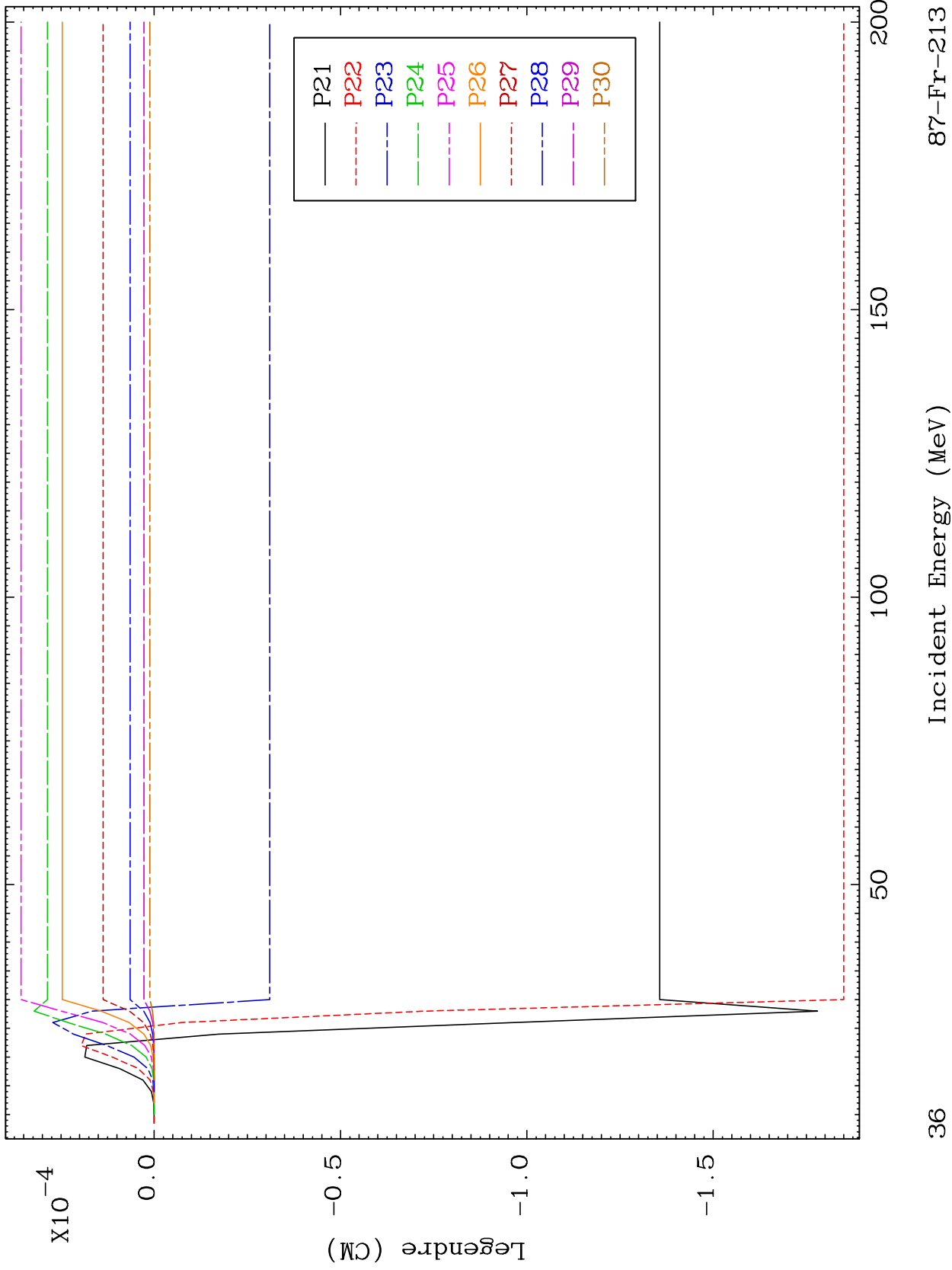
87-Fr-213



35

Incident Energy (MeV)

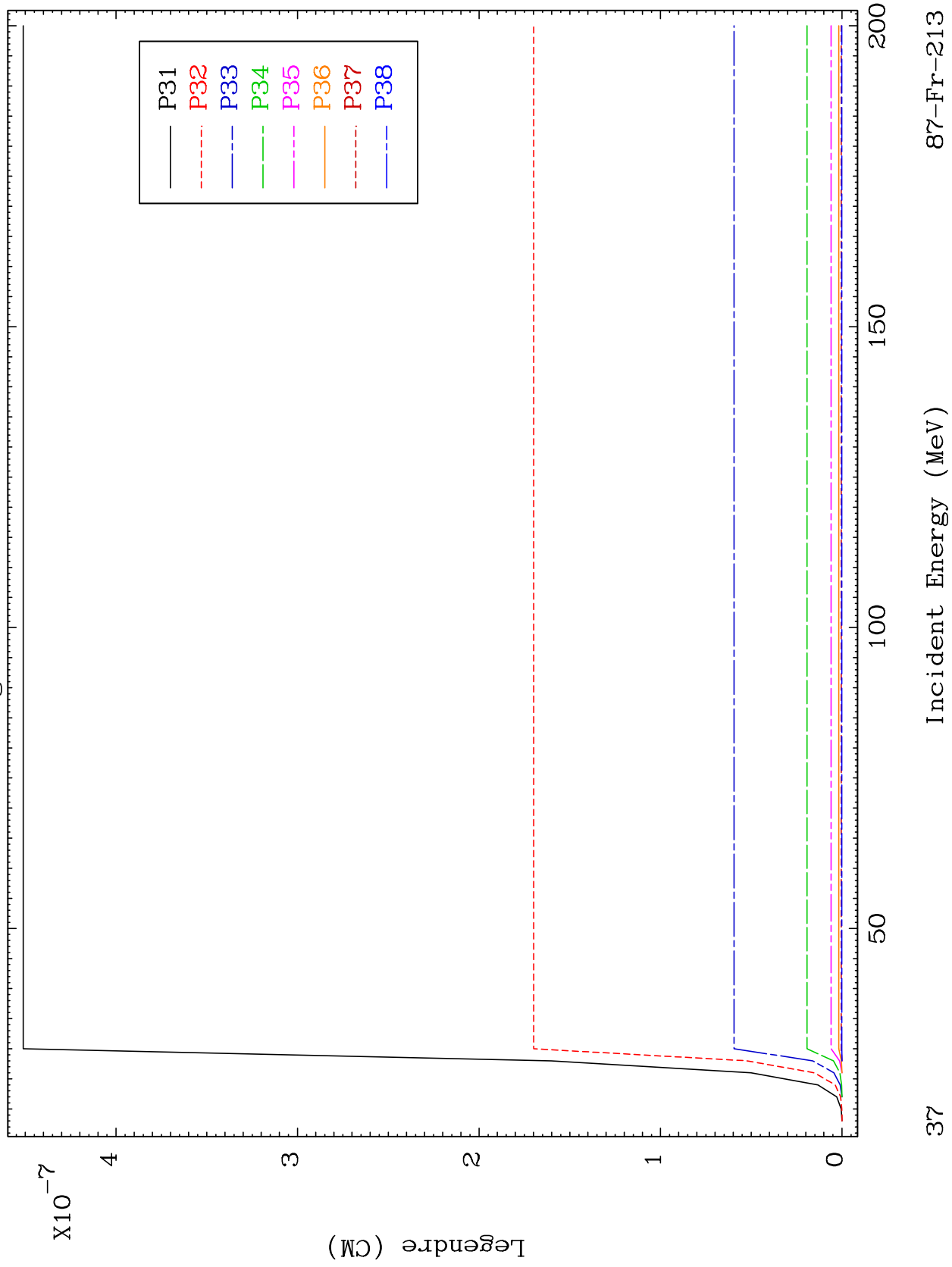
87-Fr-213



MAT 8728

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

87-Fr-213



37

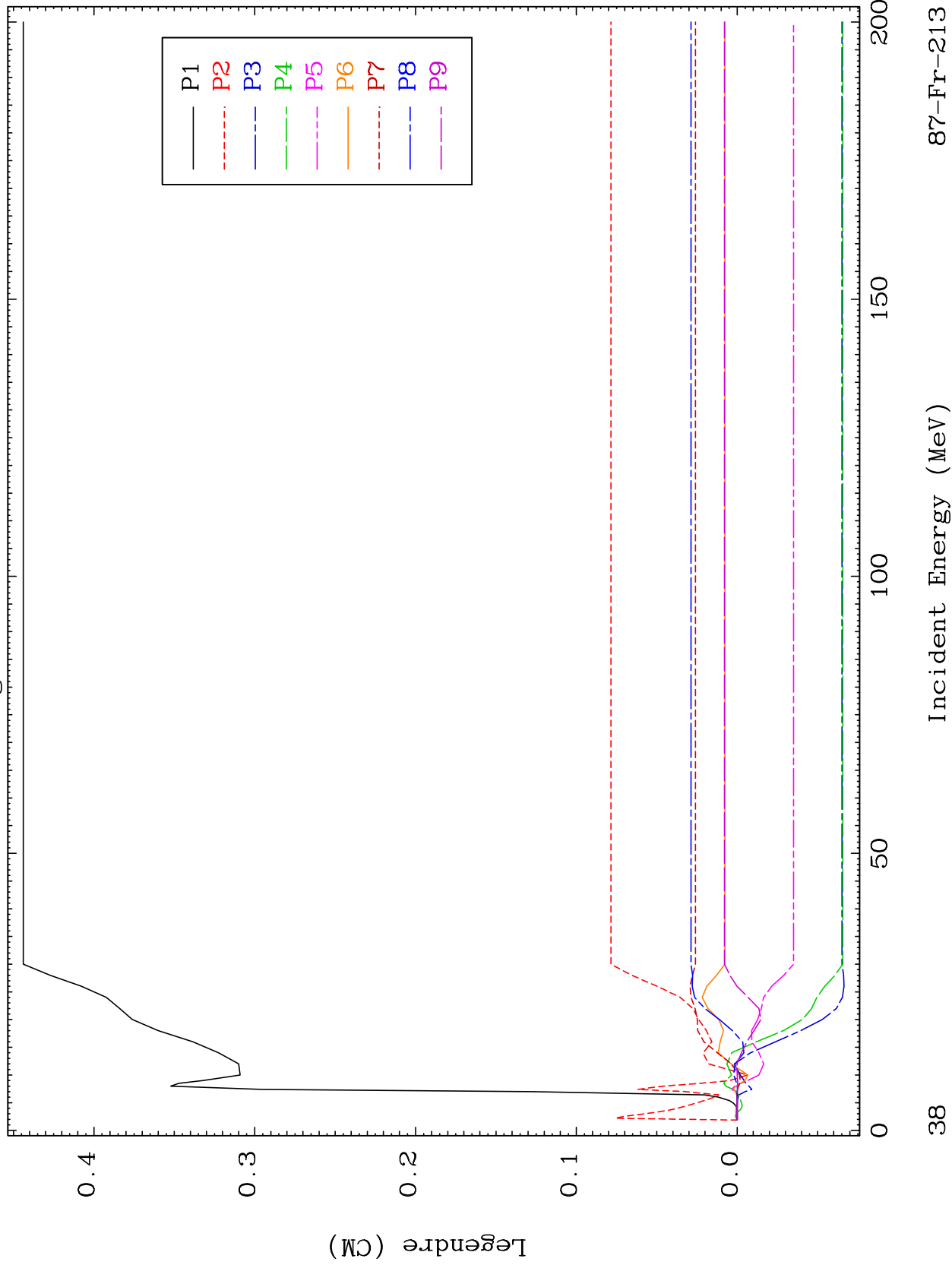
Incident Energy (MeV)

87-Fr-213

MAT 8728

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

87-Fr-213



87-Fr-213

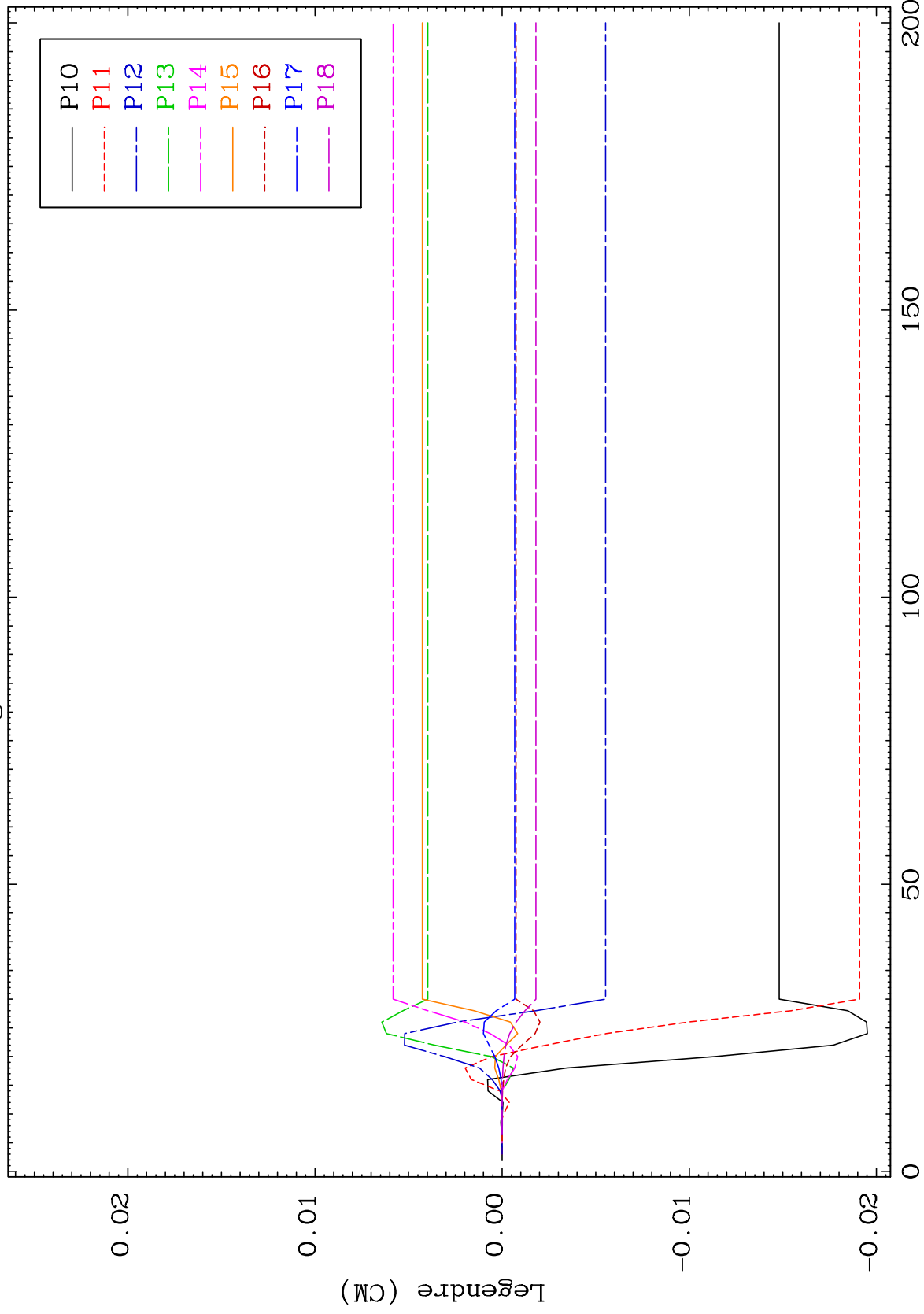
Incident Energy (MeV)

38

MAT 8728

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

87-Fr-213



39

Incident Energy (MeV)

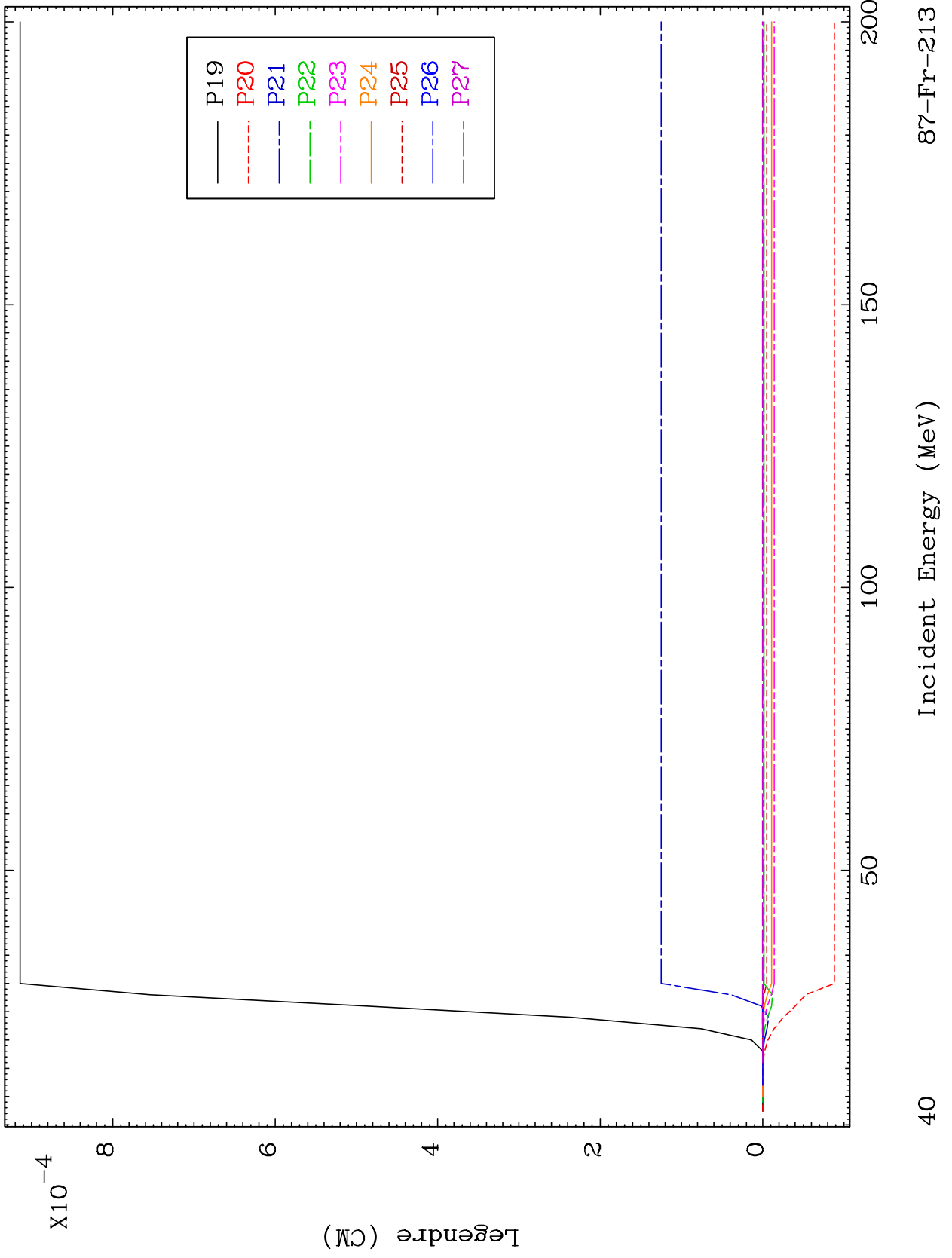
87-Fr-213



MAT 8728

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

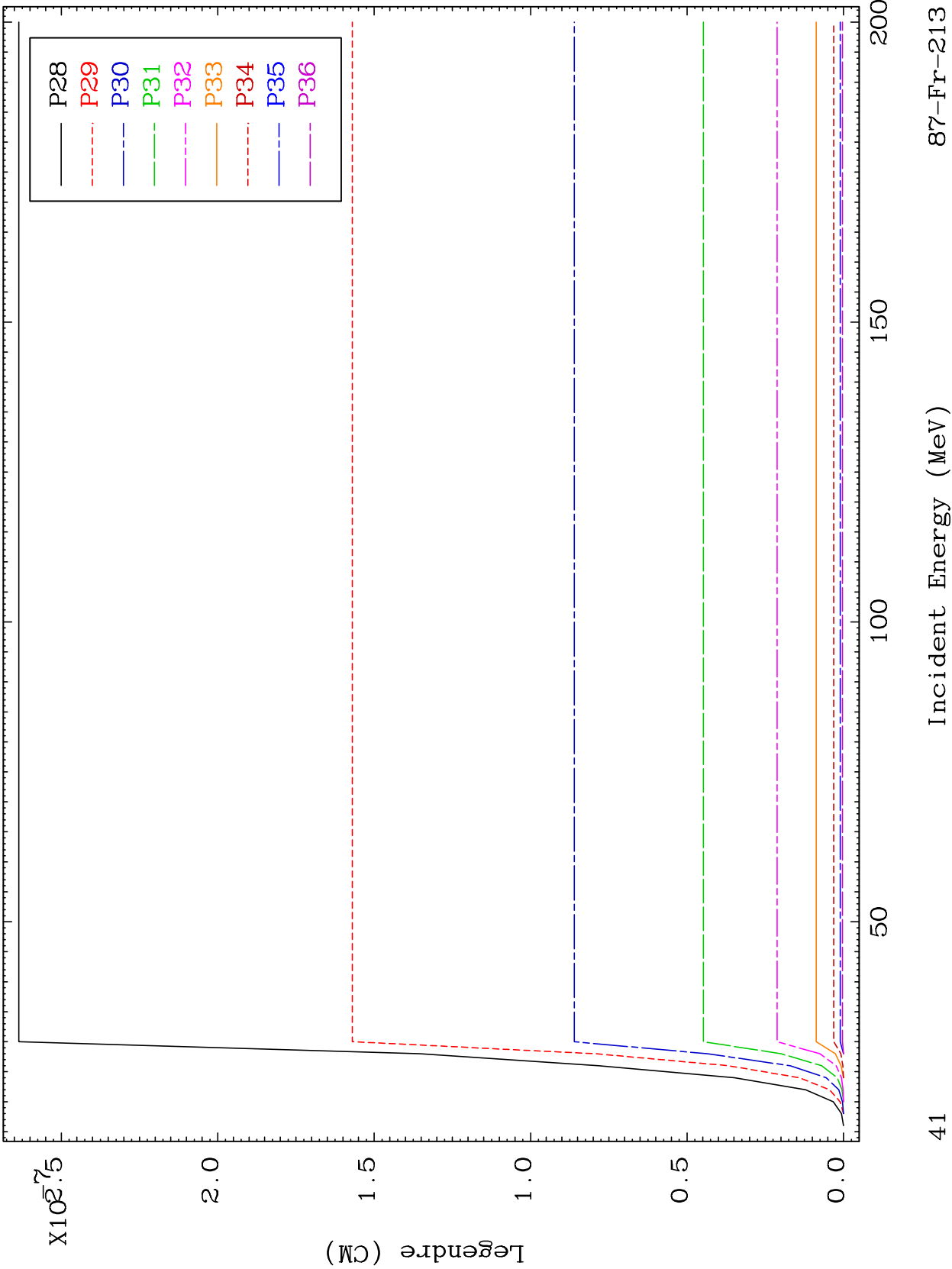
87-Fr-213



MAT 8728

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

87-Fr-213

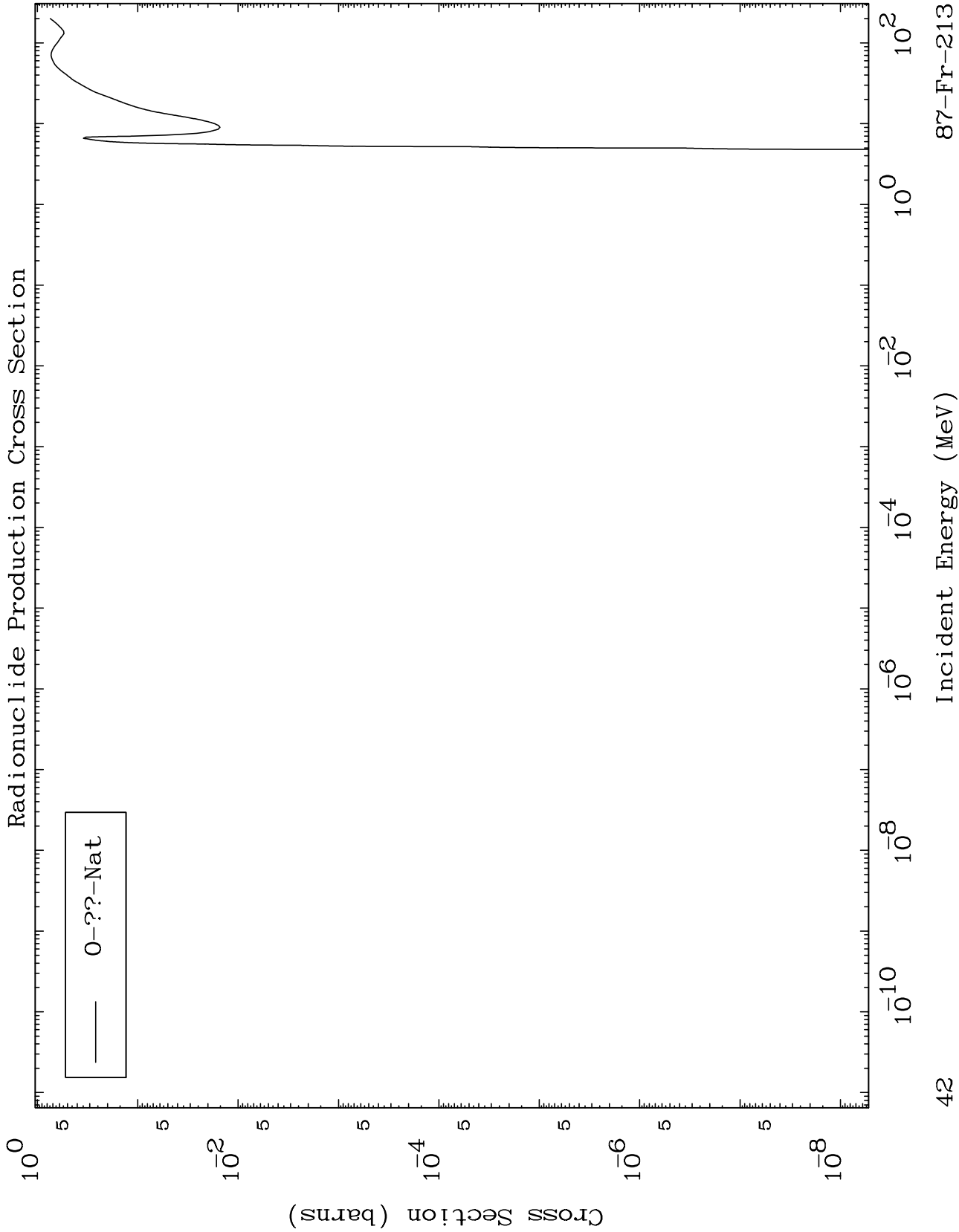


MAT 8728

Fission

87-Fr-213

Radionuclide Production Cross Section



42

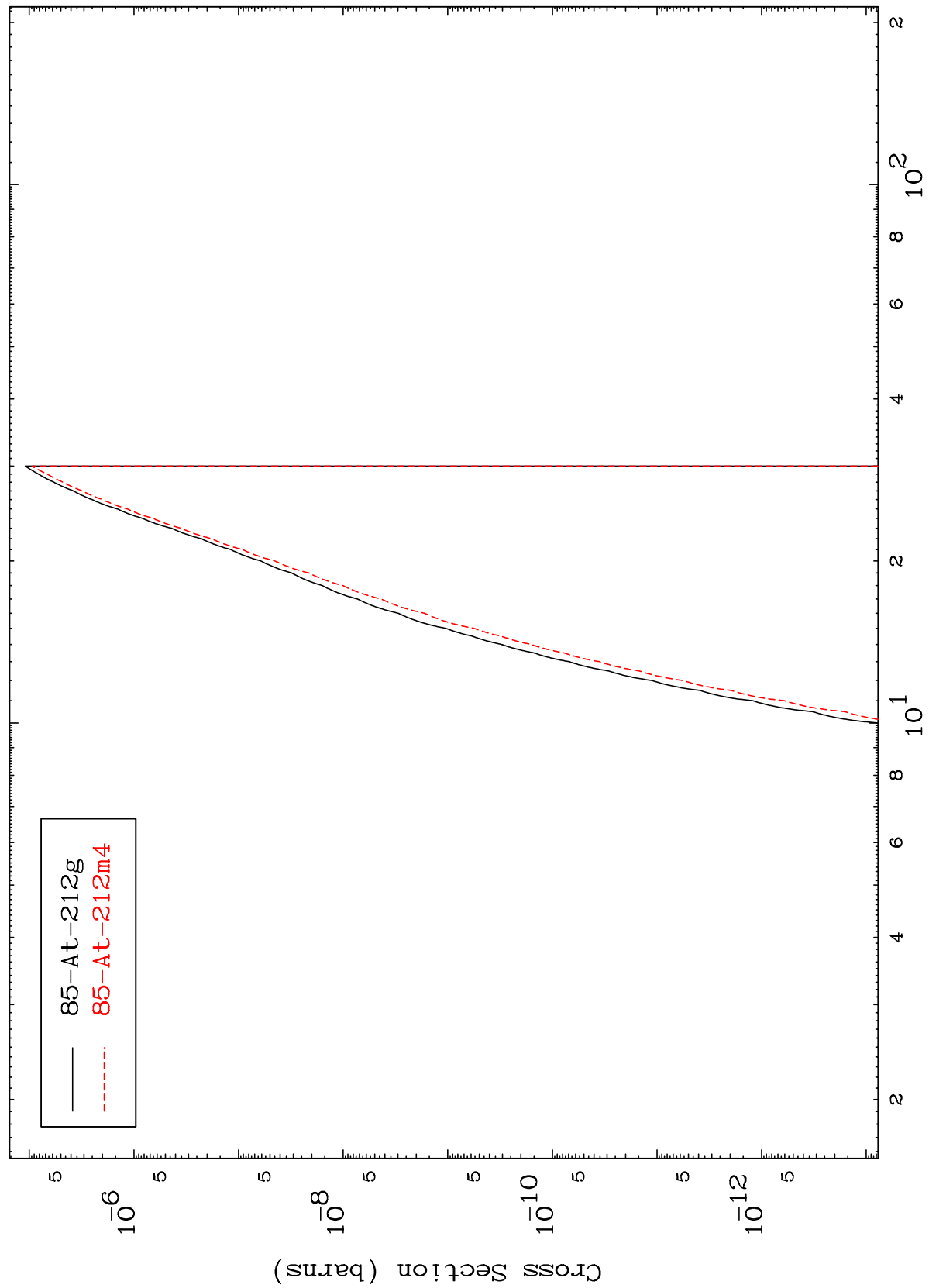
Incident Energy (MeV)

87-Fr-213

MAT 8728

87-Fr-213

(n,2p)  
Radionuclide Production Cross Section



— 85-At-212g  
- - - 85-At-212m4

43

Incident Energy (MeV)

87-Fr-213