

Program EVALPLOT  
(Version 2021-1)

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

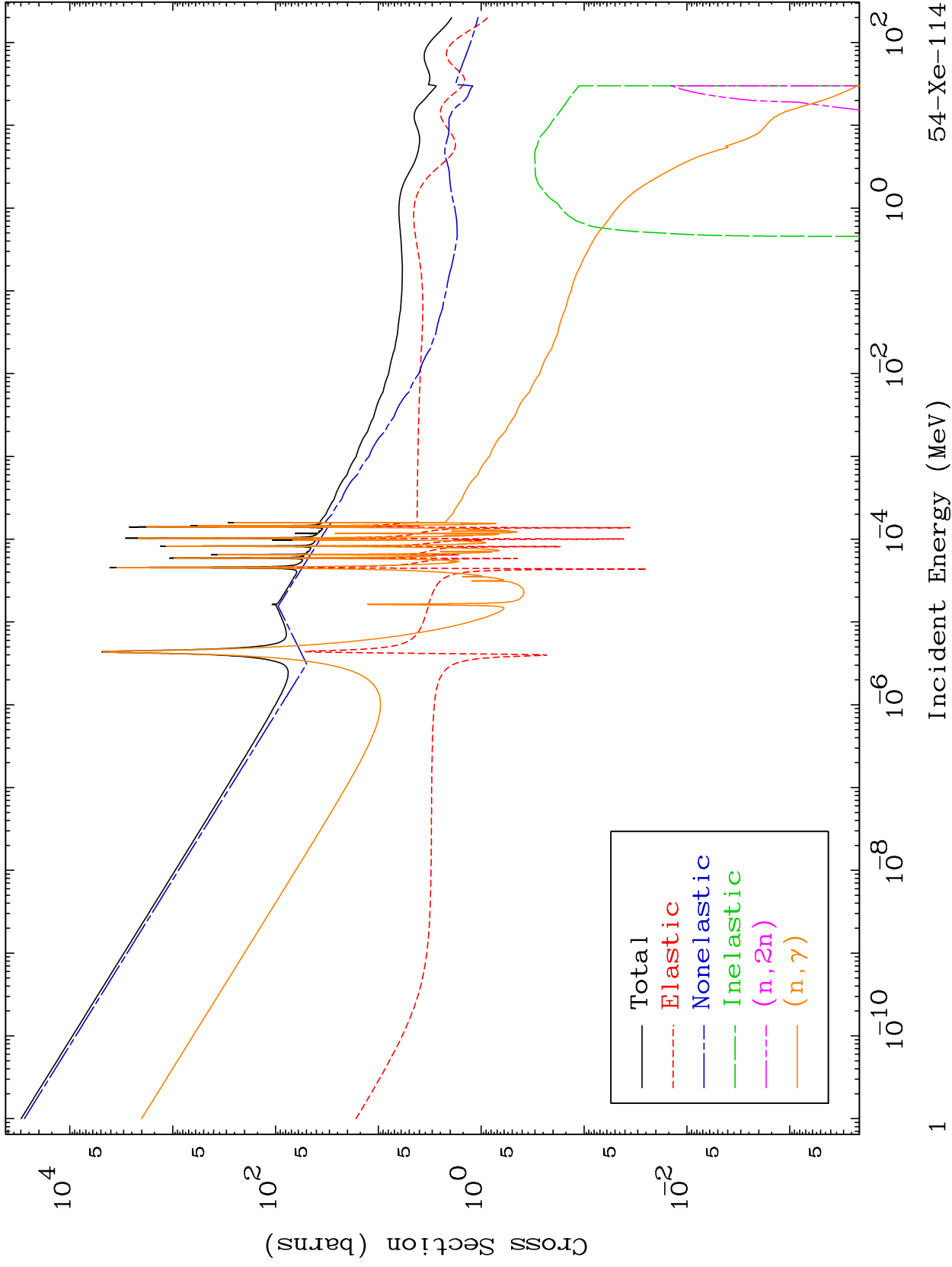
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5395

Neutron Major  
293 Kelvin Cross Sections

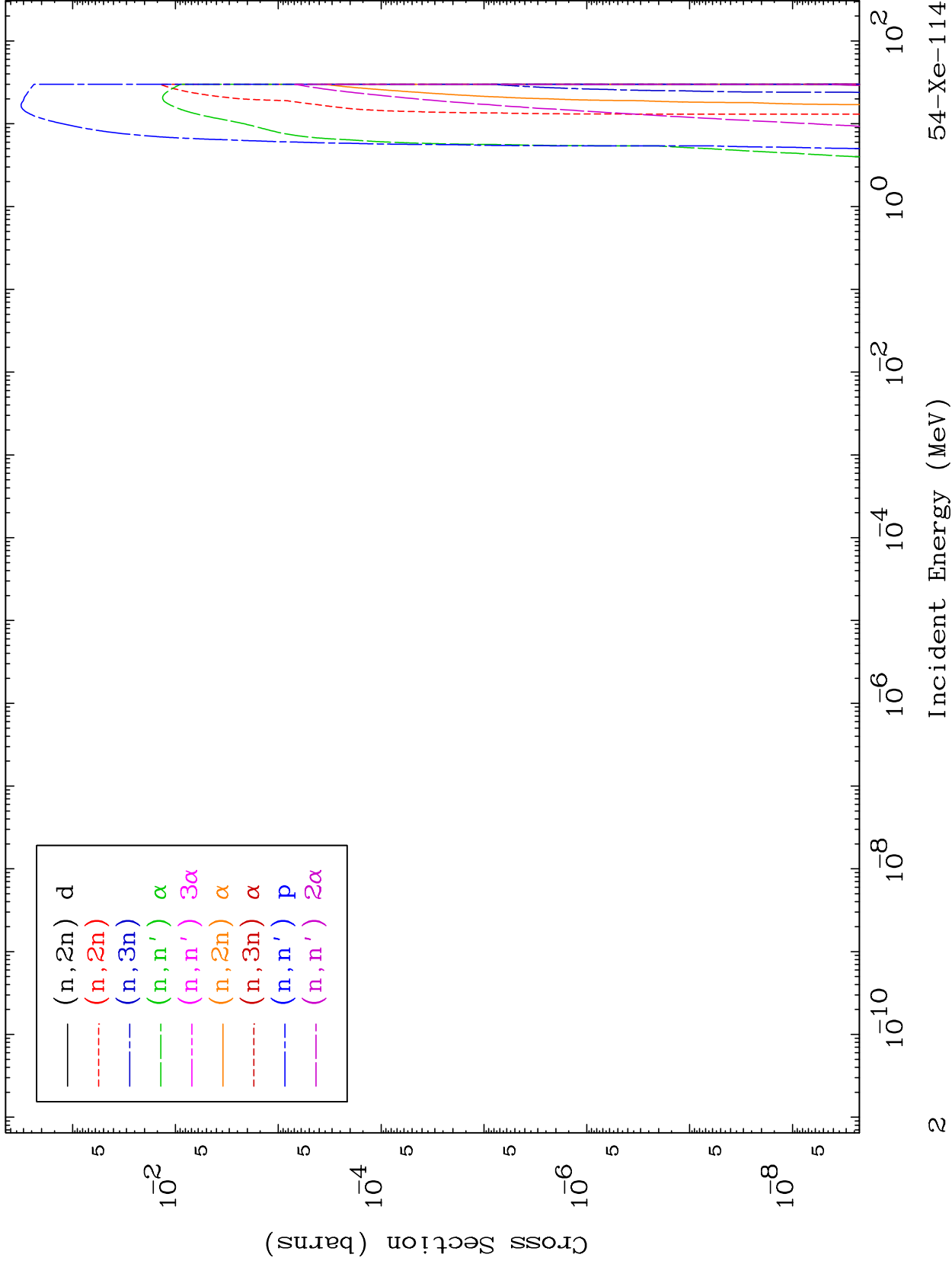
54-Xe-114

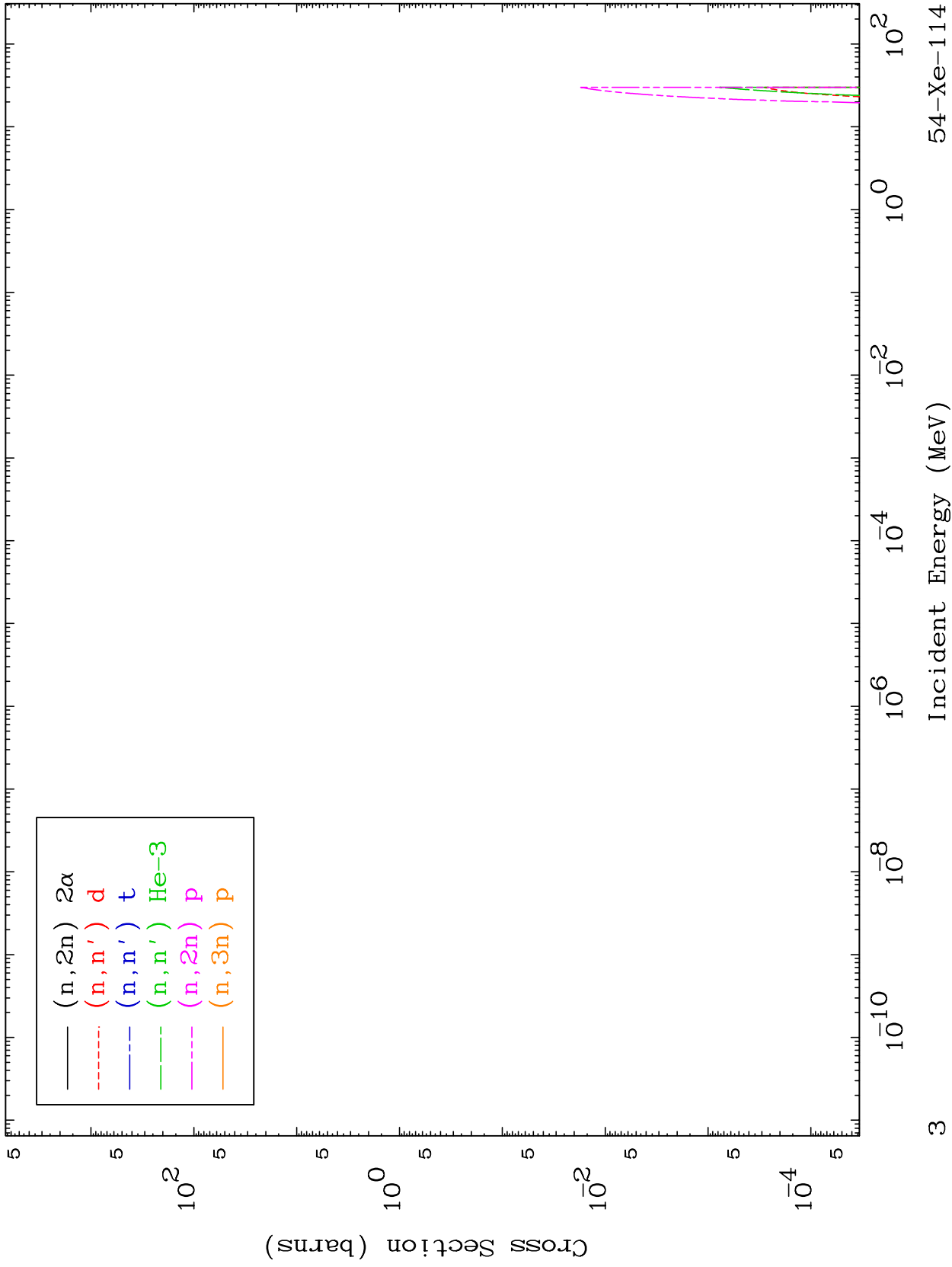


MAT 5395

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-114

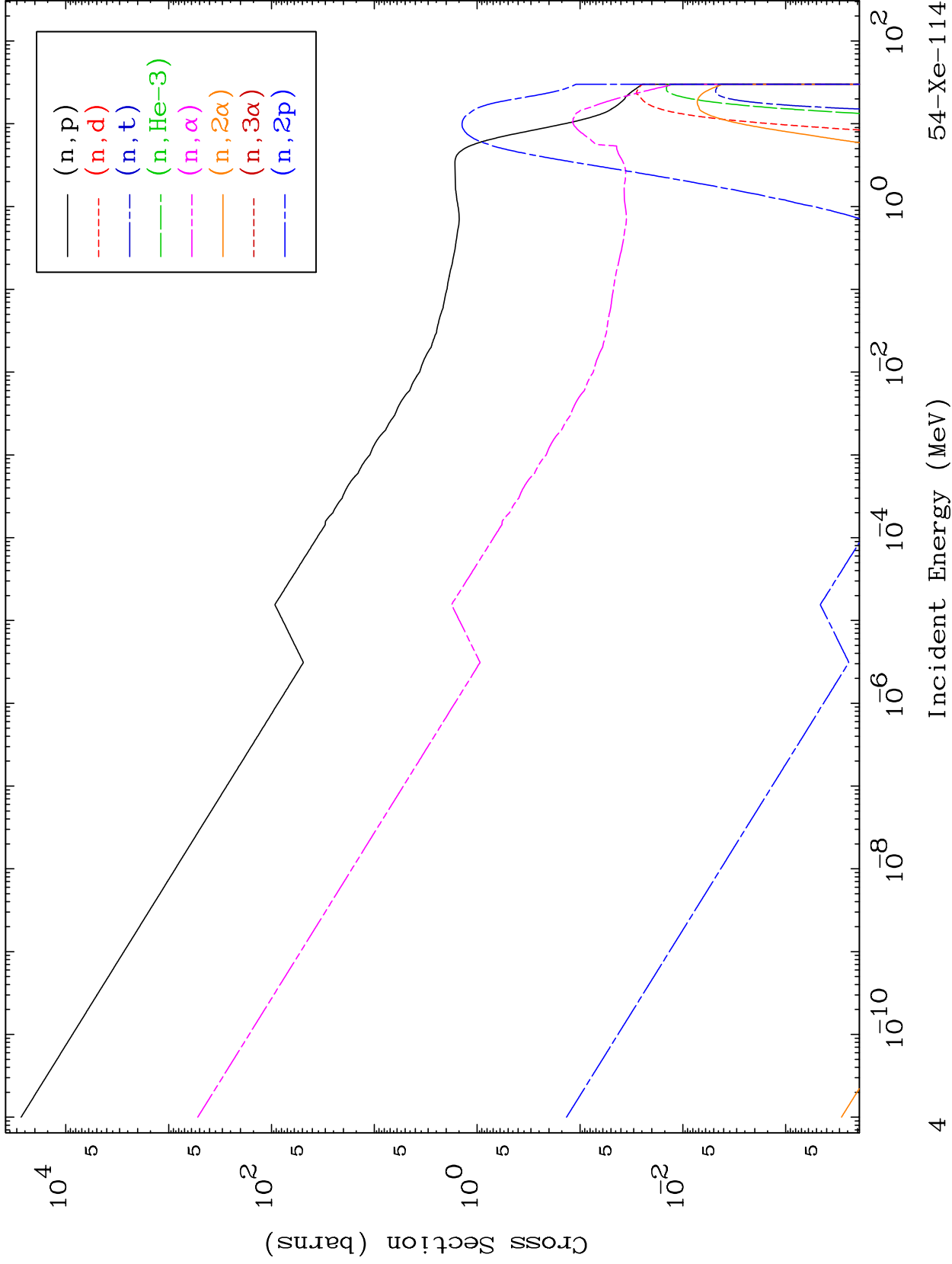


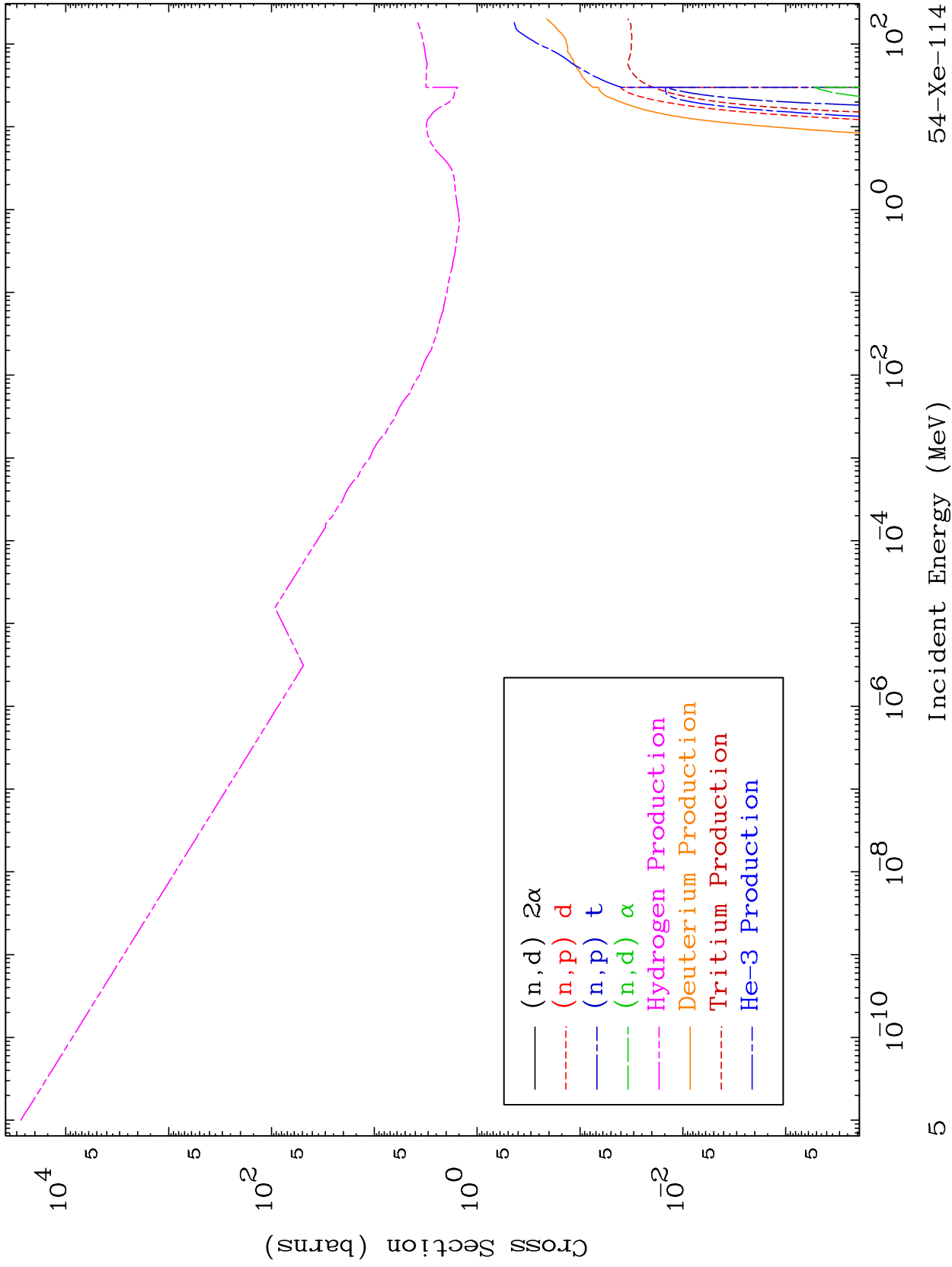


MAT 5395

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-114

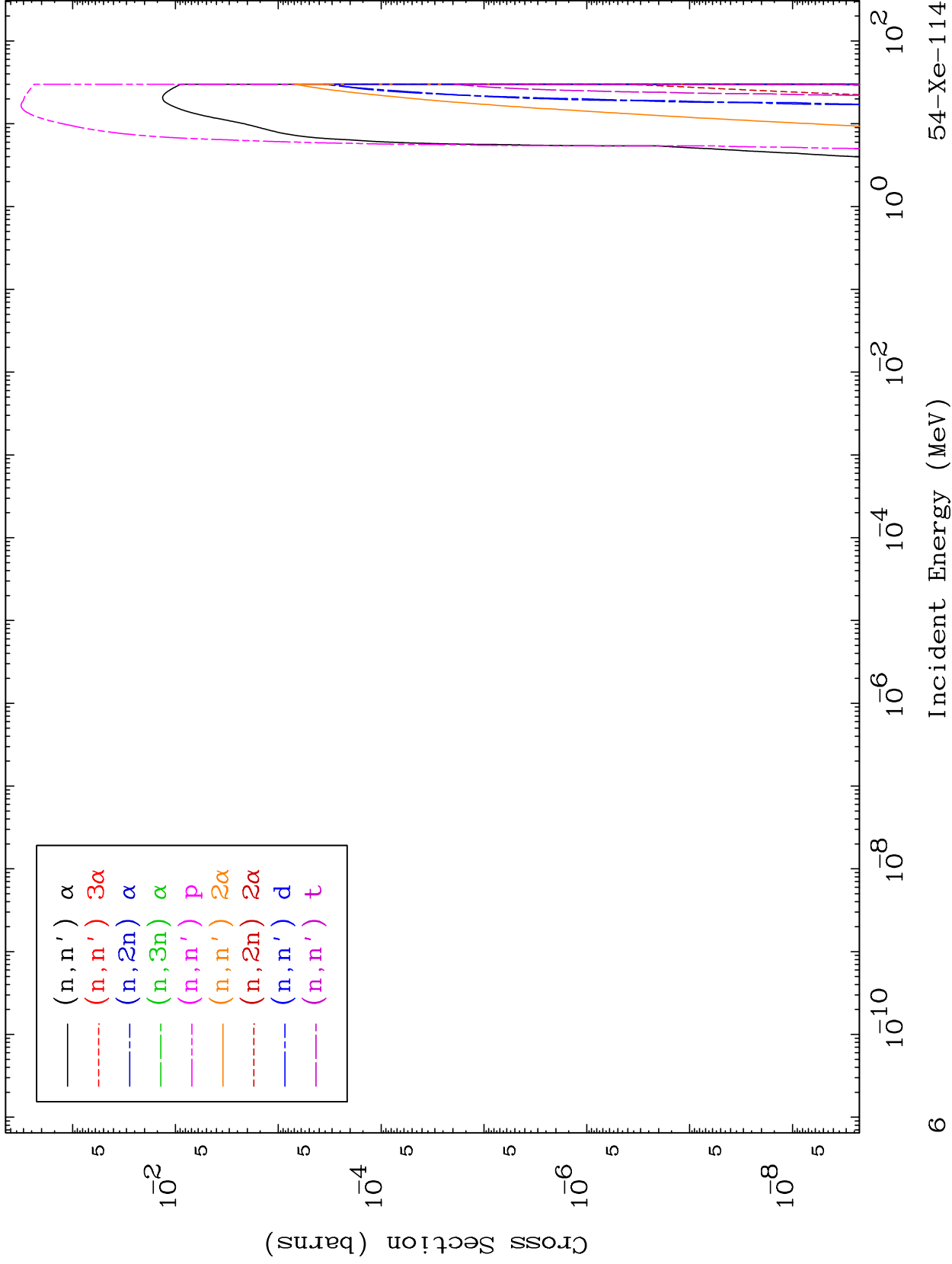




MAT 5395

Charged Particle  
293 Kelvin Cross Sections

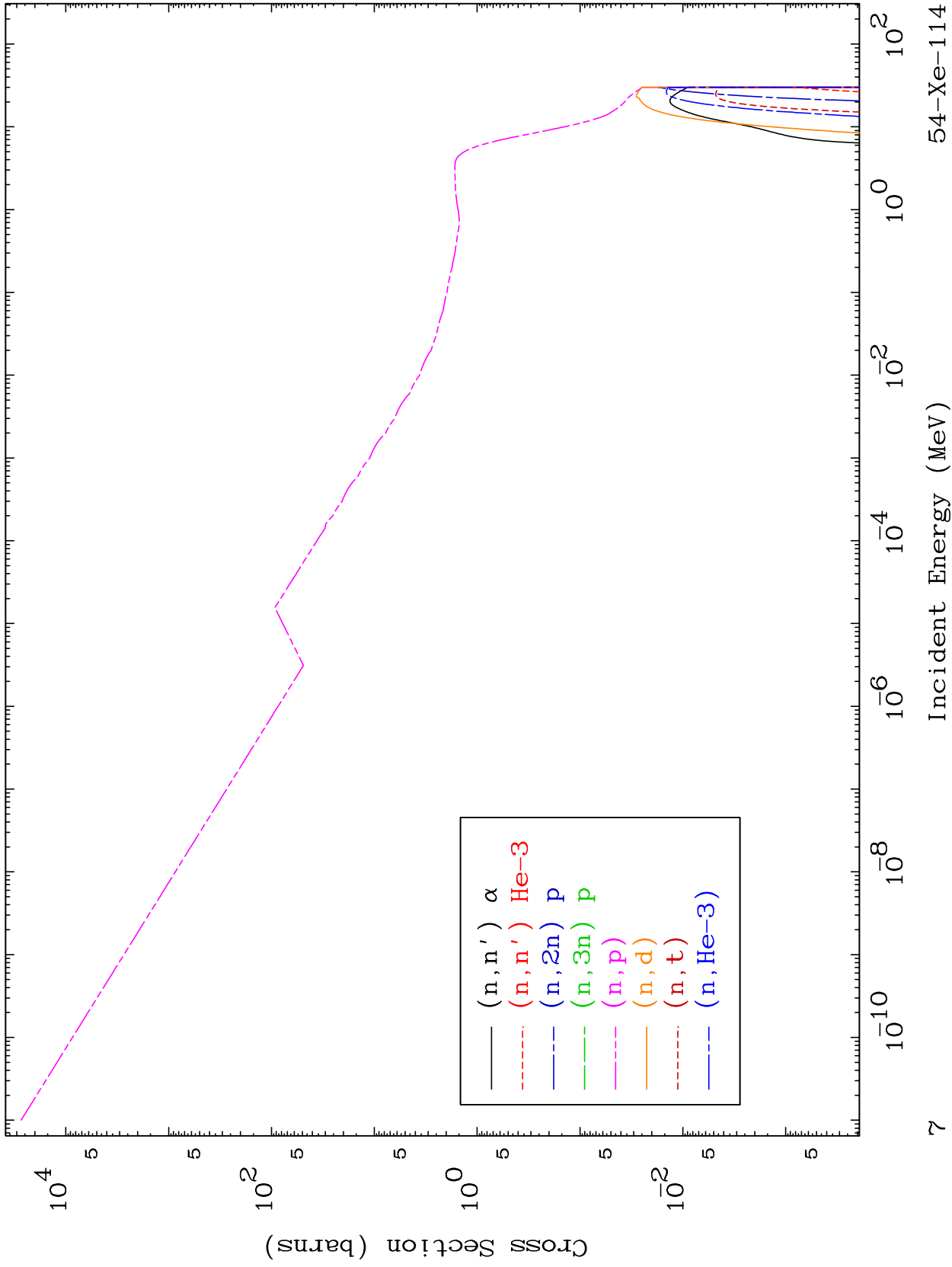
54-Xe-114



MAT 5395

Charged Particle  
293 Kelvin Cross Sections

54-Xe-114

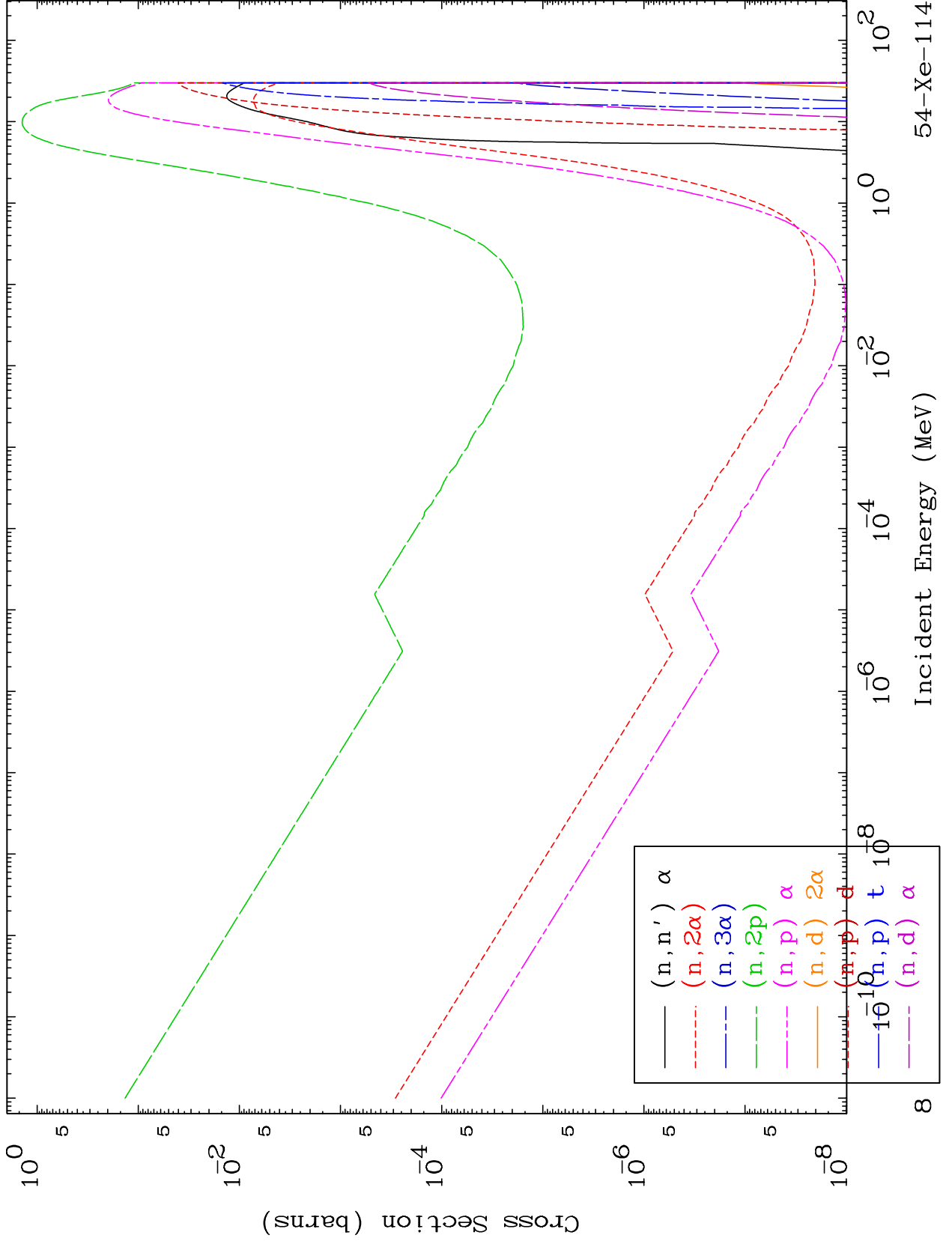


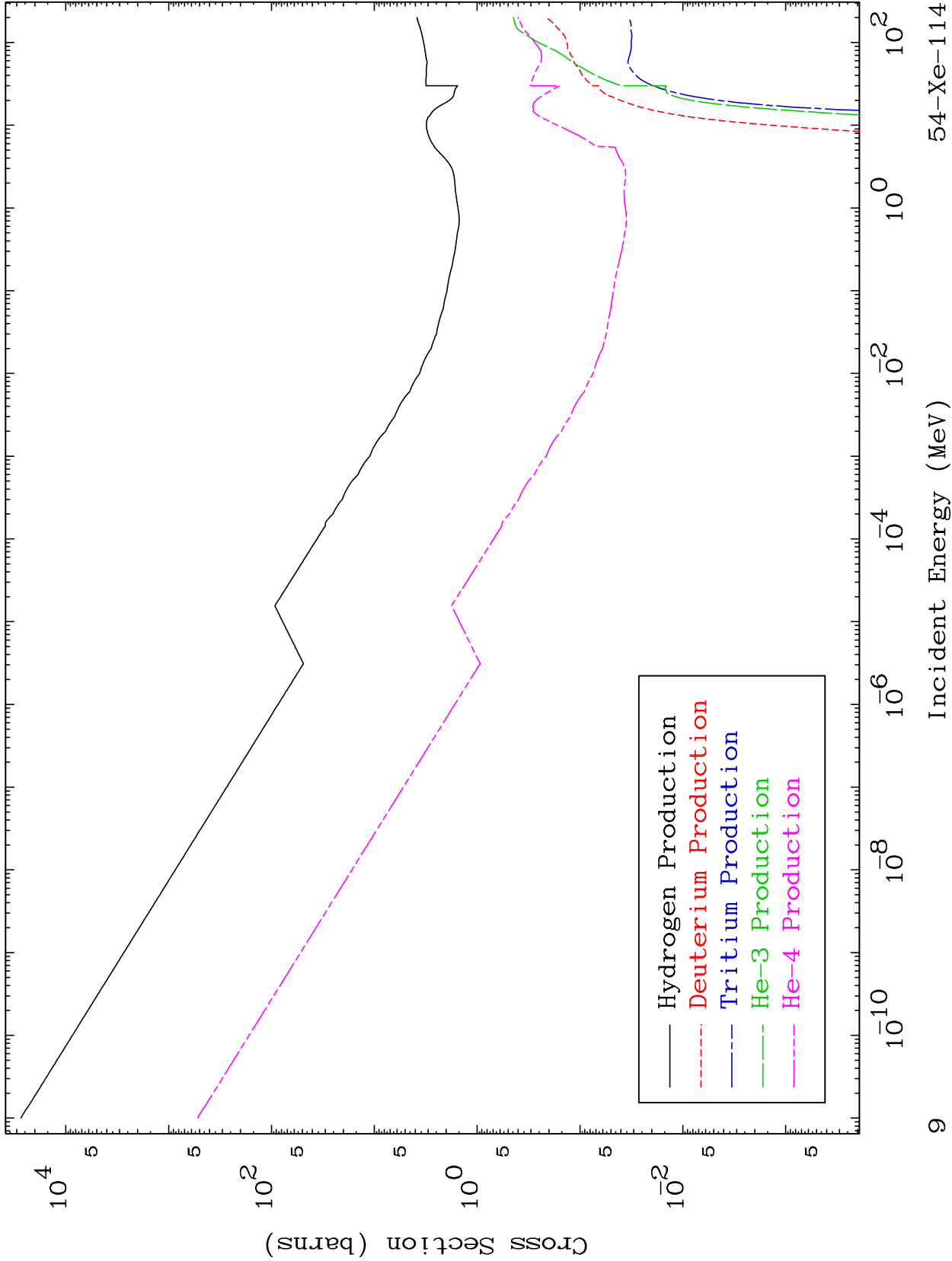


MAT 5395

Charged Particle  
293 Kelvin Cross Sections

54-Xe-114

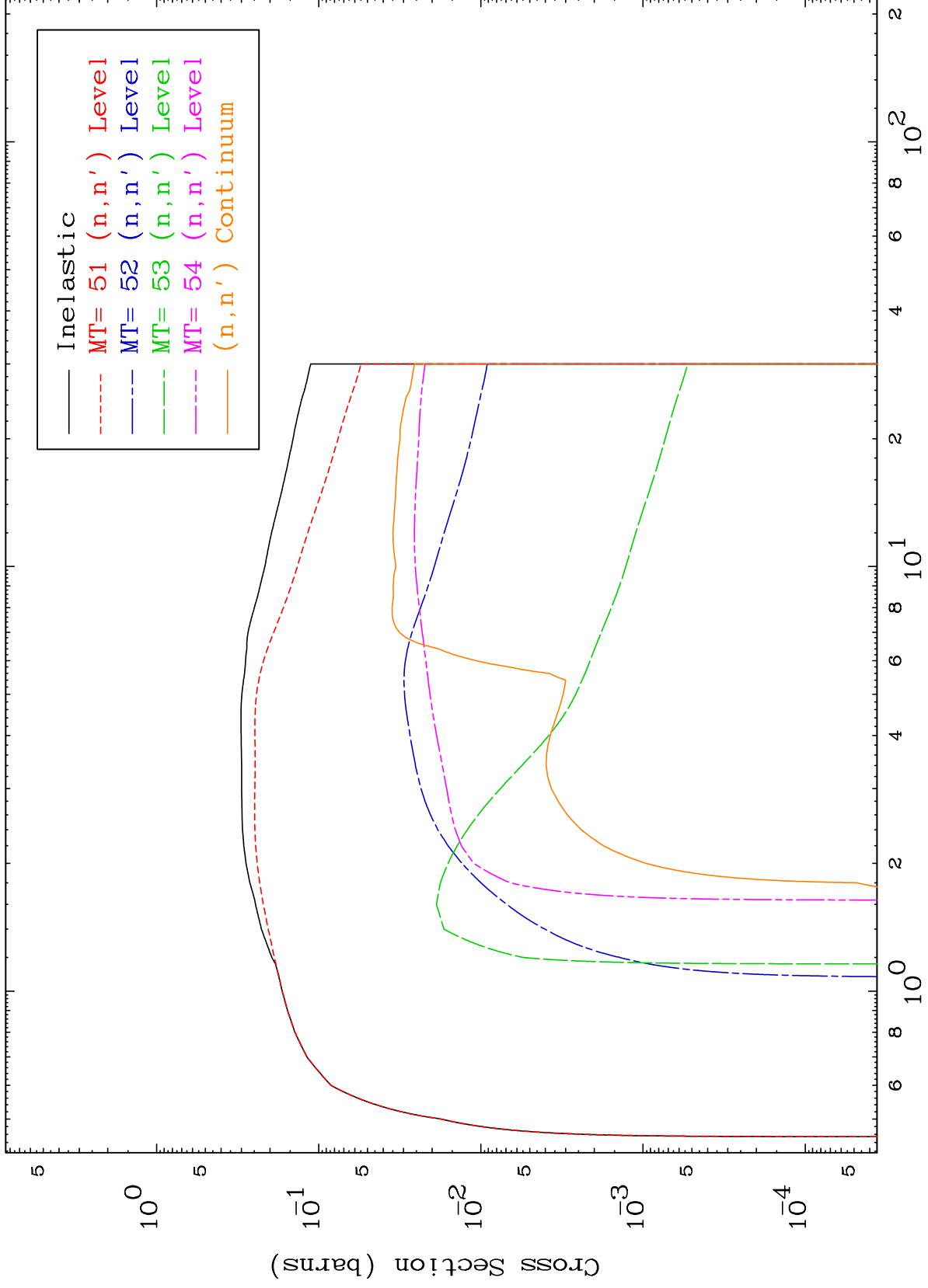




MAT 5395

(n,n') Levels  
293 Kelvin Cross Sections

54-Xe-114



10

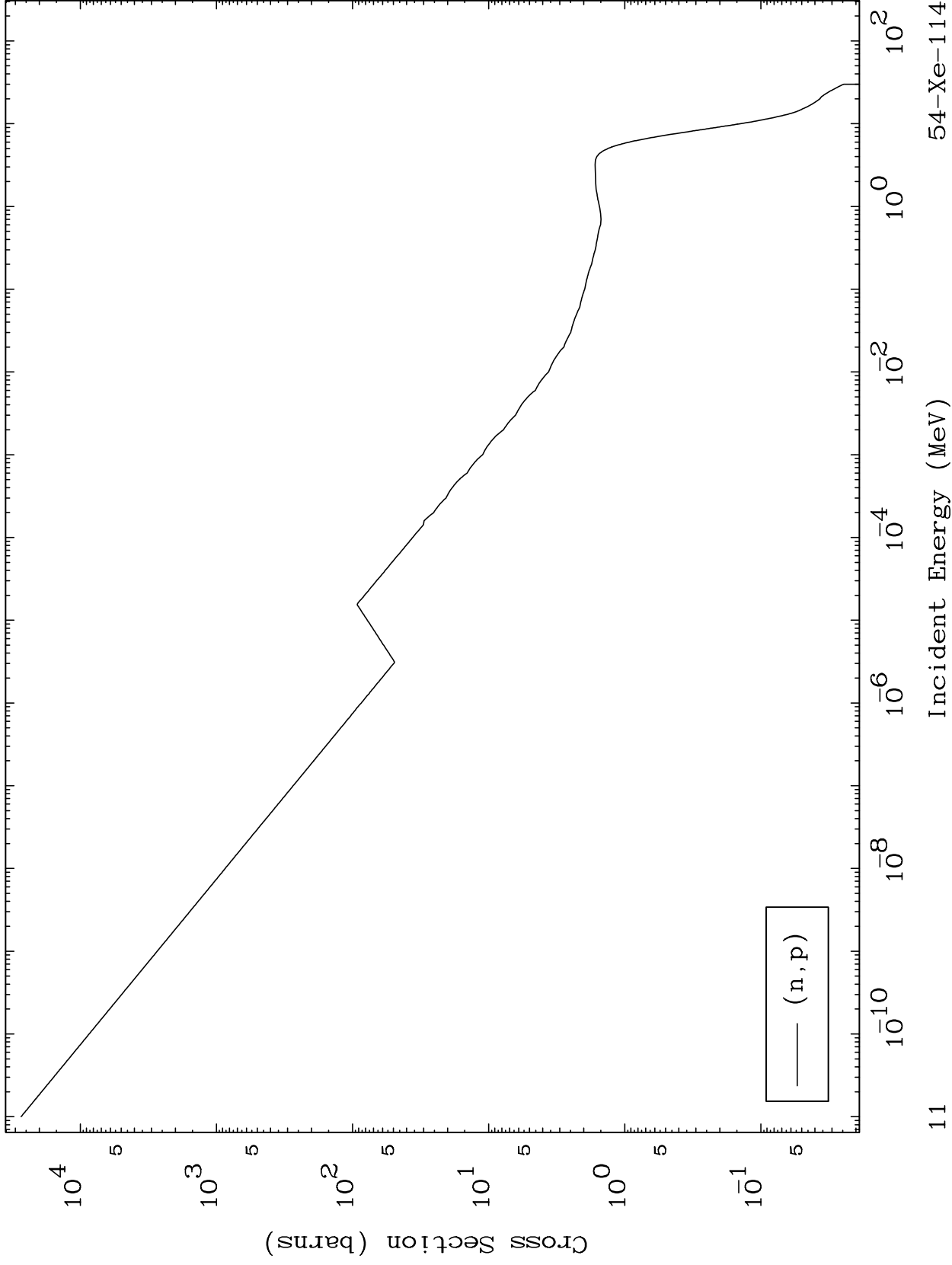
Incident Energy (MeV)

54-Xe-114

MAT 5395

(n,p) Levels  
293 Kelvin Cross Sections

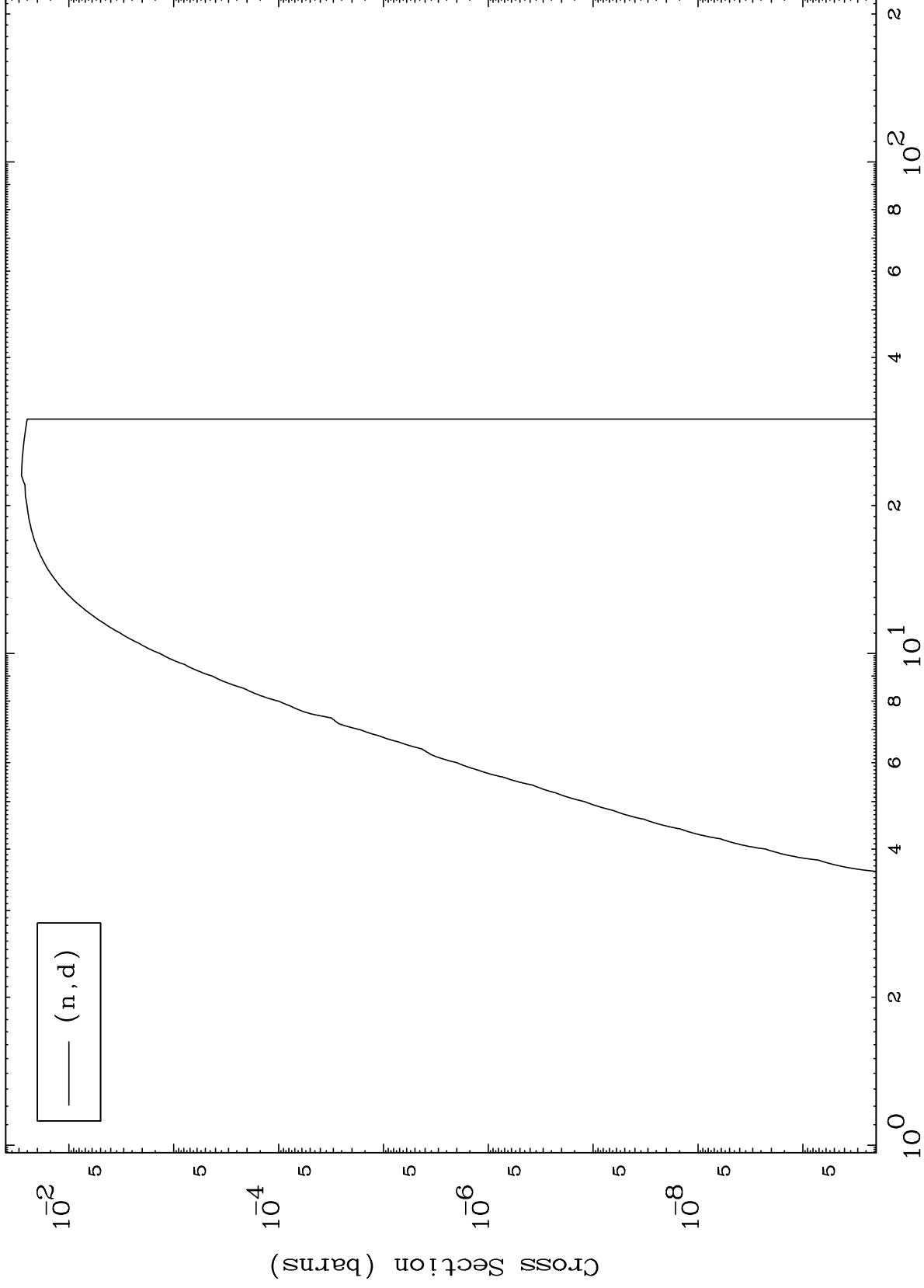
54-Xe-114



MAT 5395

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-114



Incident Energy (MeV)

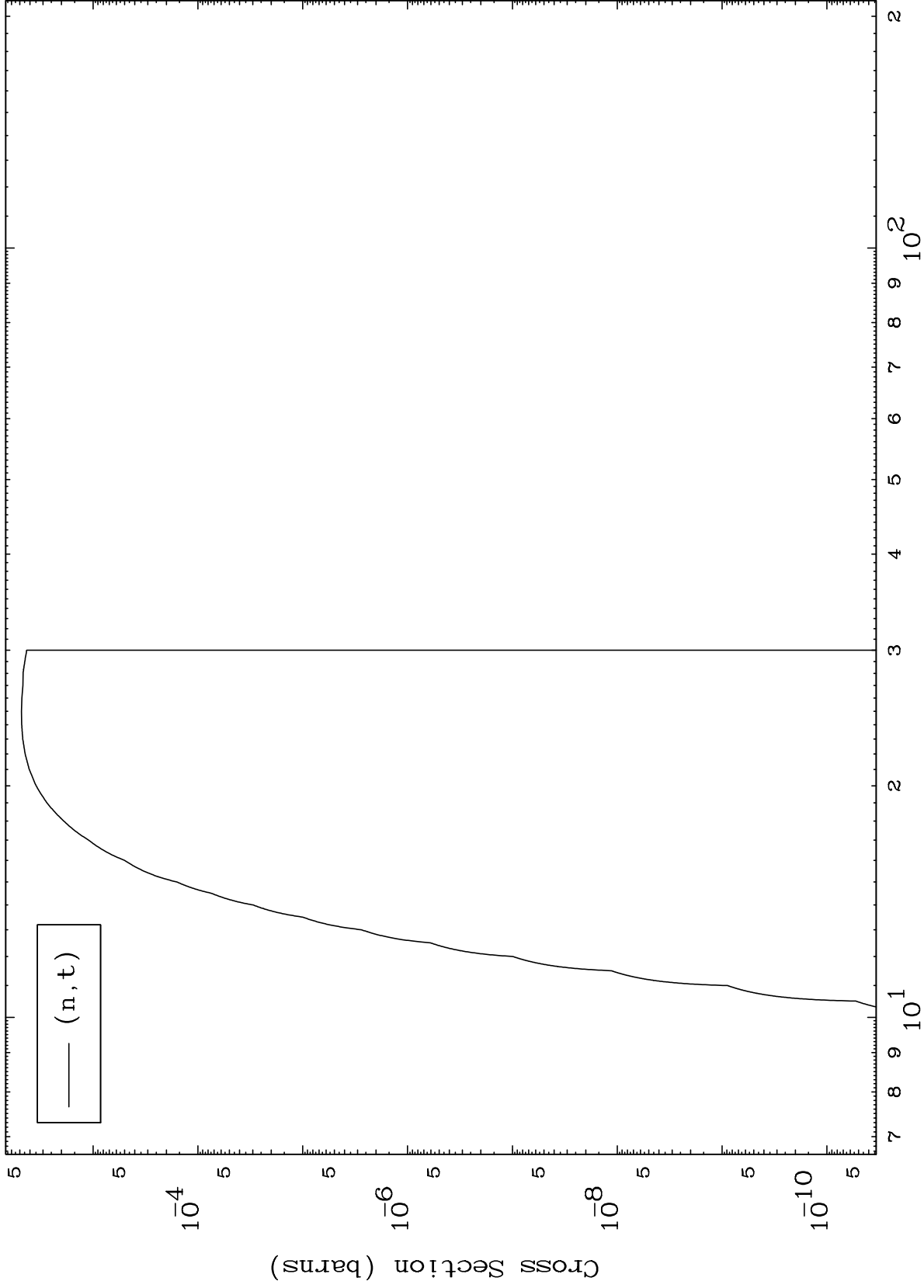
54-Xe-114

12

MAT 5395

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-114



13

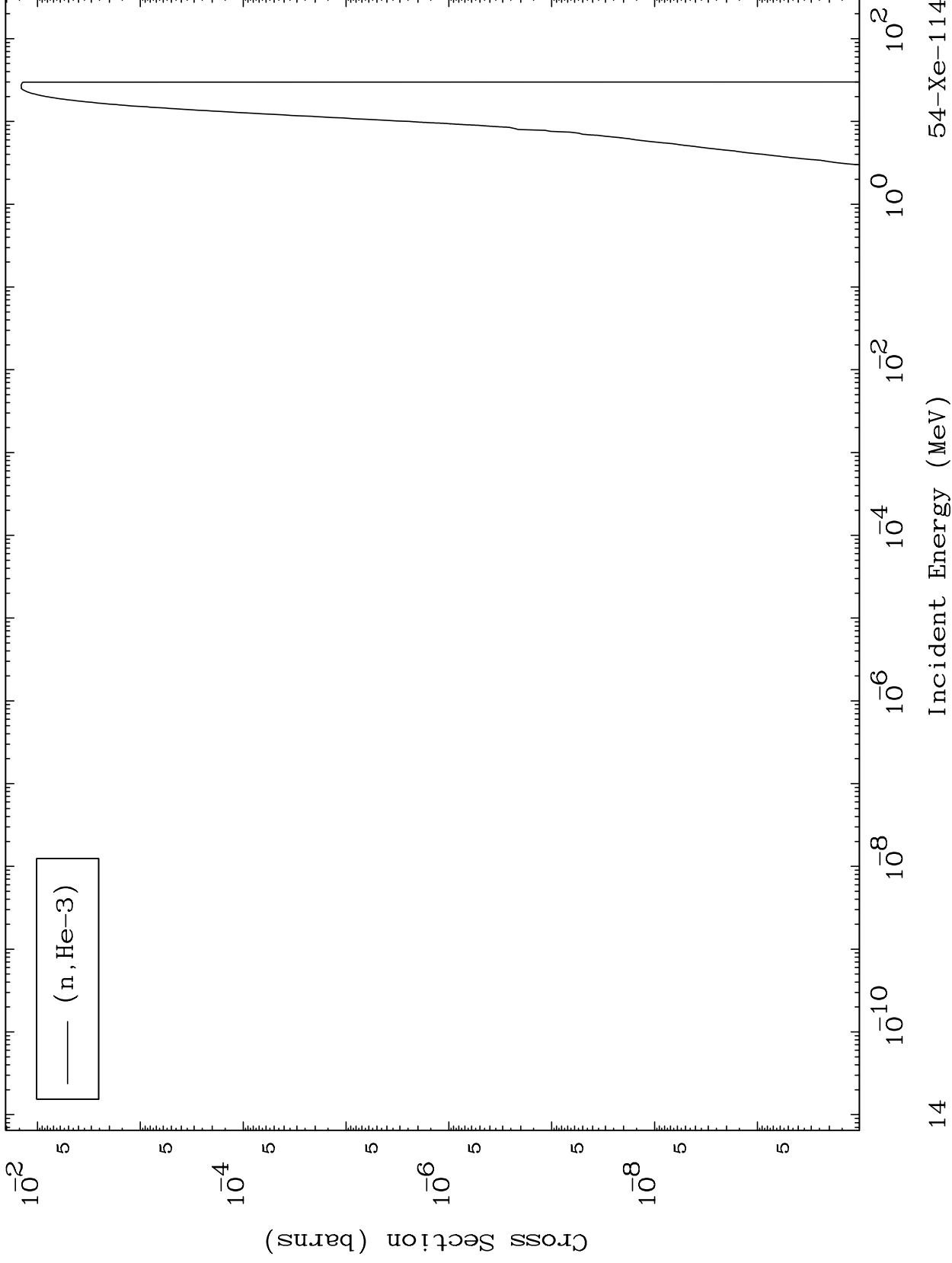
Incident Energy (MeV)

54-Xe-114

MAT 5395

(n,He3) Levels  
293 Kelvin Cross Sections

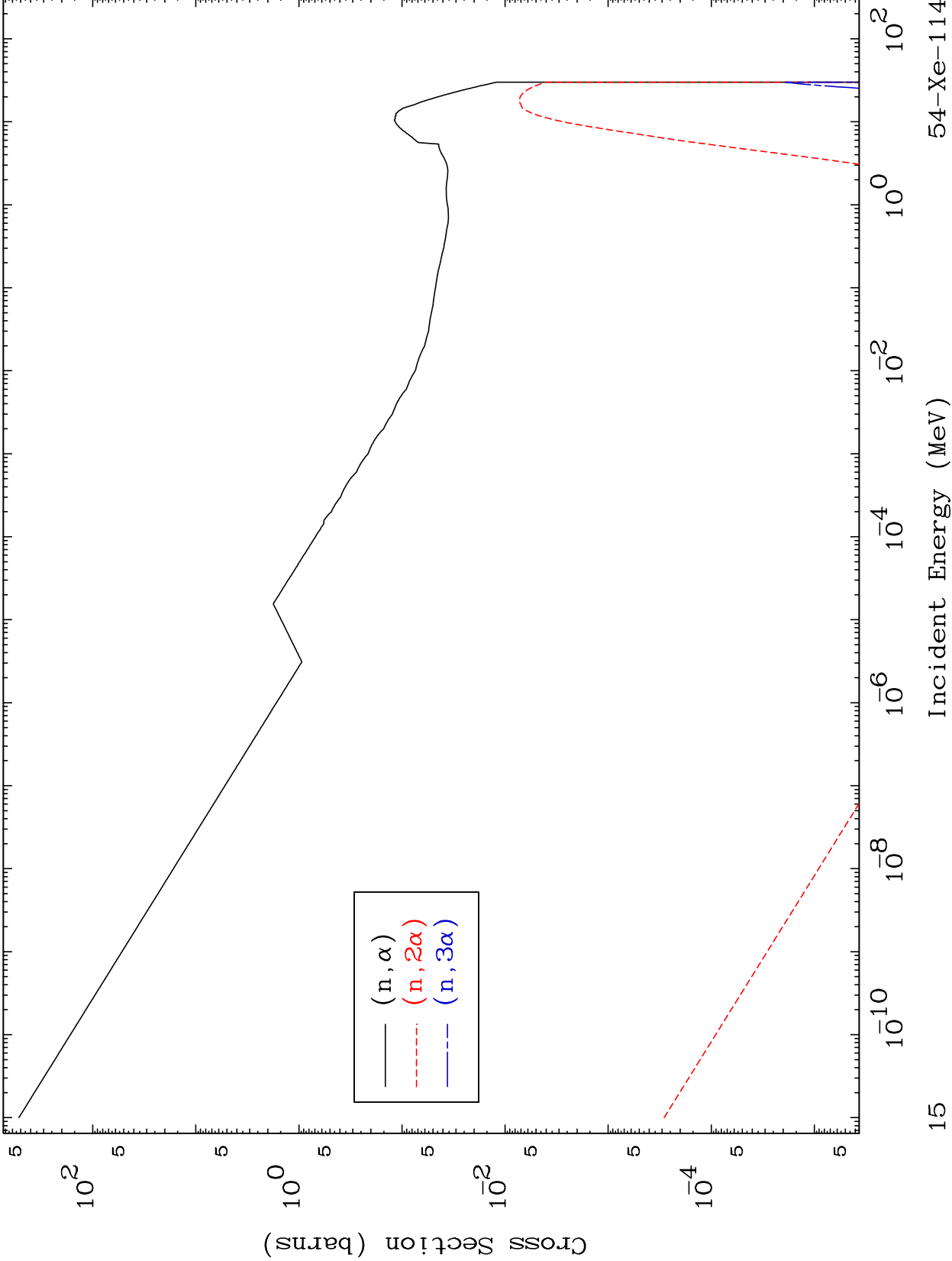
54-Xe-114



MAT 5395

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

54-Xe-114



15

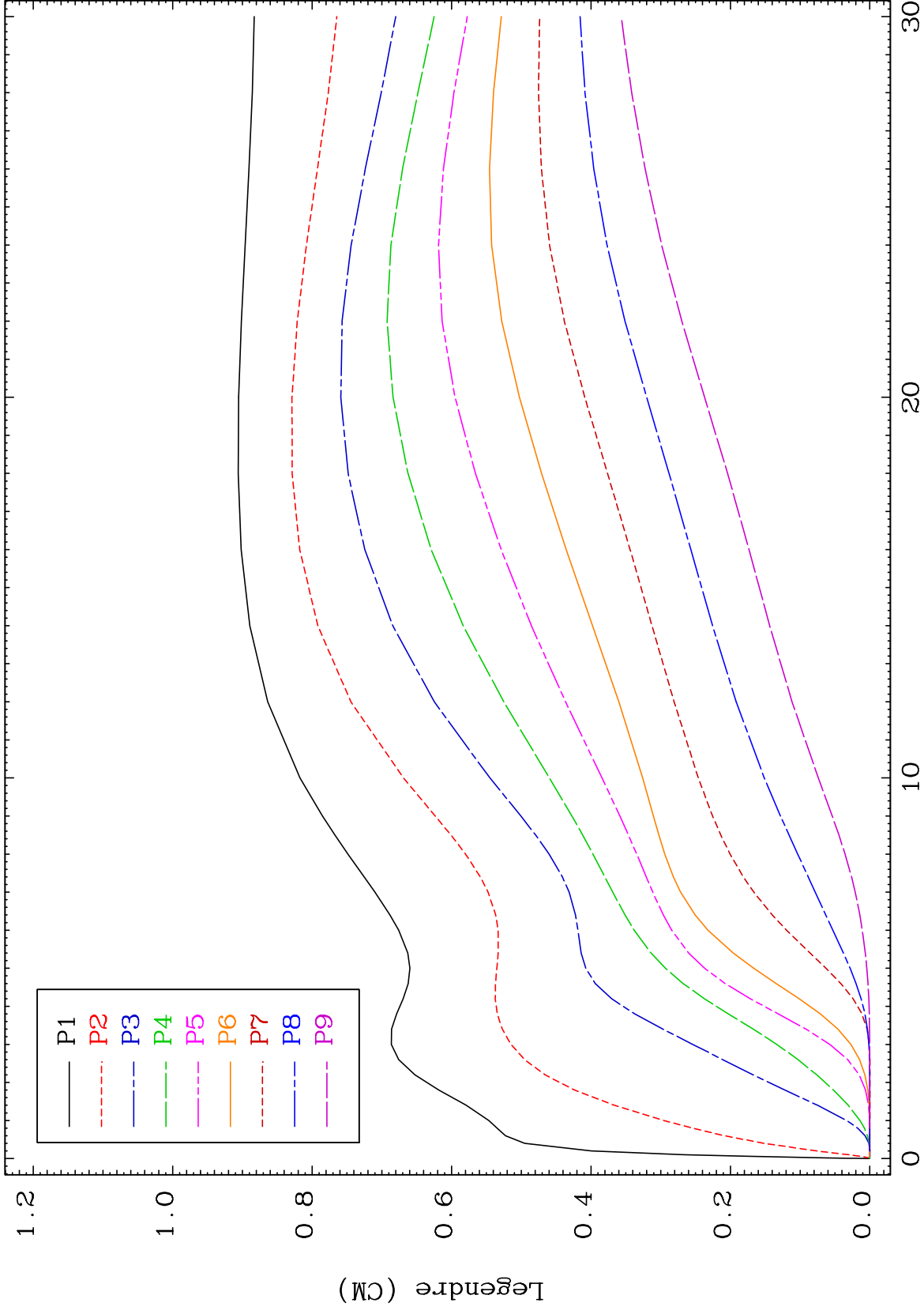
54-Xe-114



MAT 5395

Elastic Legendre Coefficients

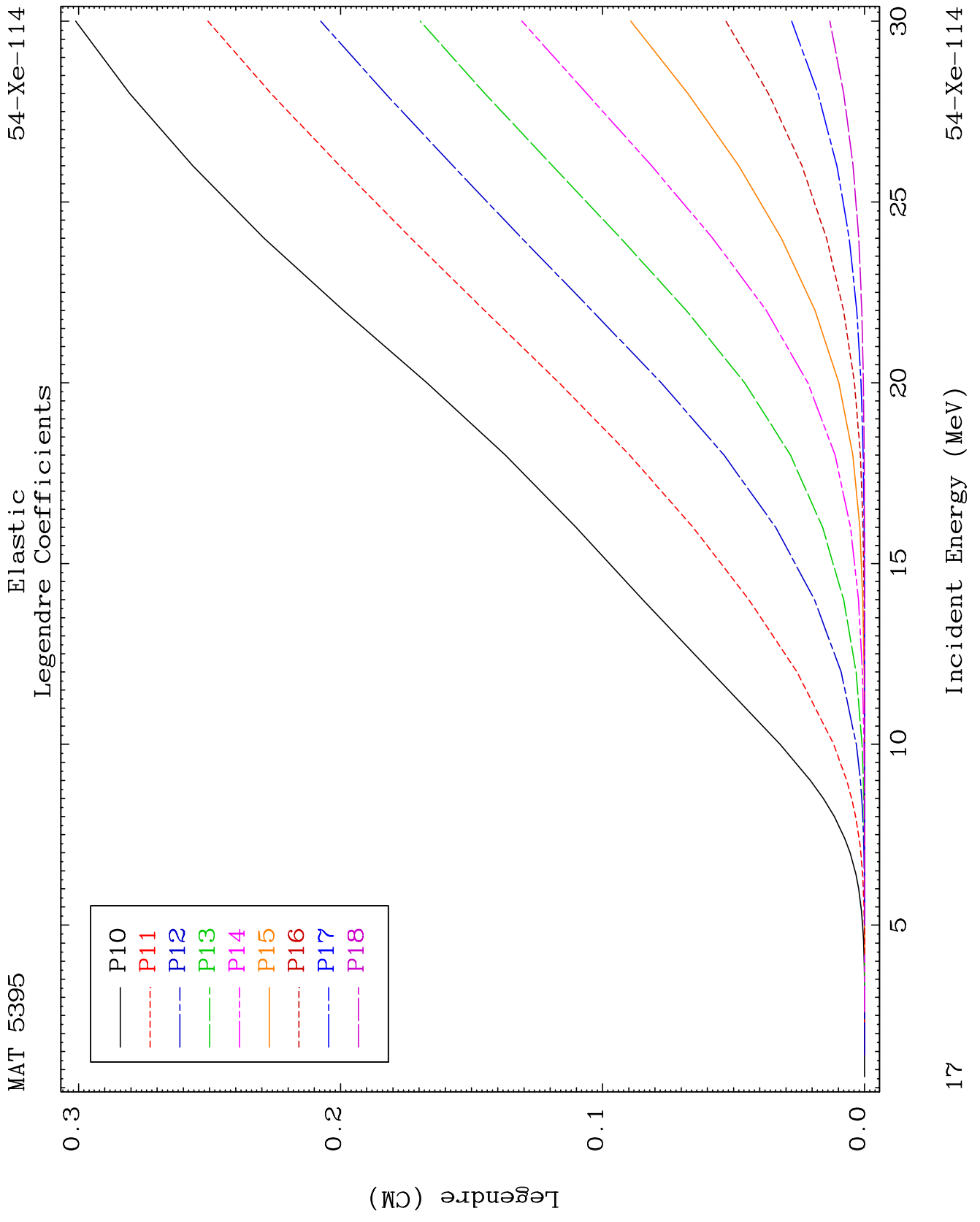
54-Xe-114



16

Incident Energy (MeV)

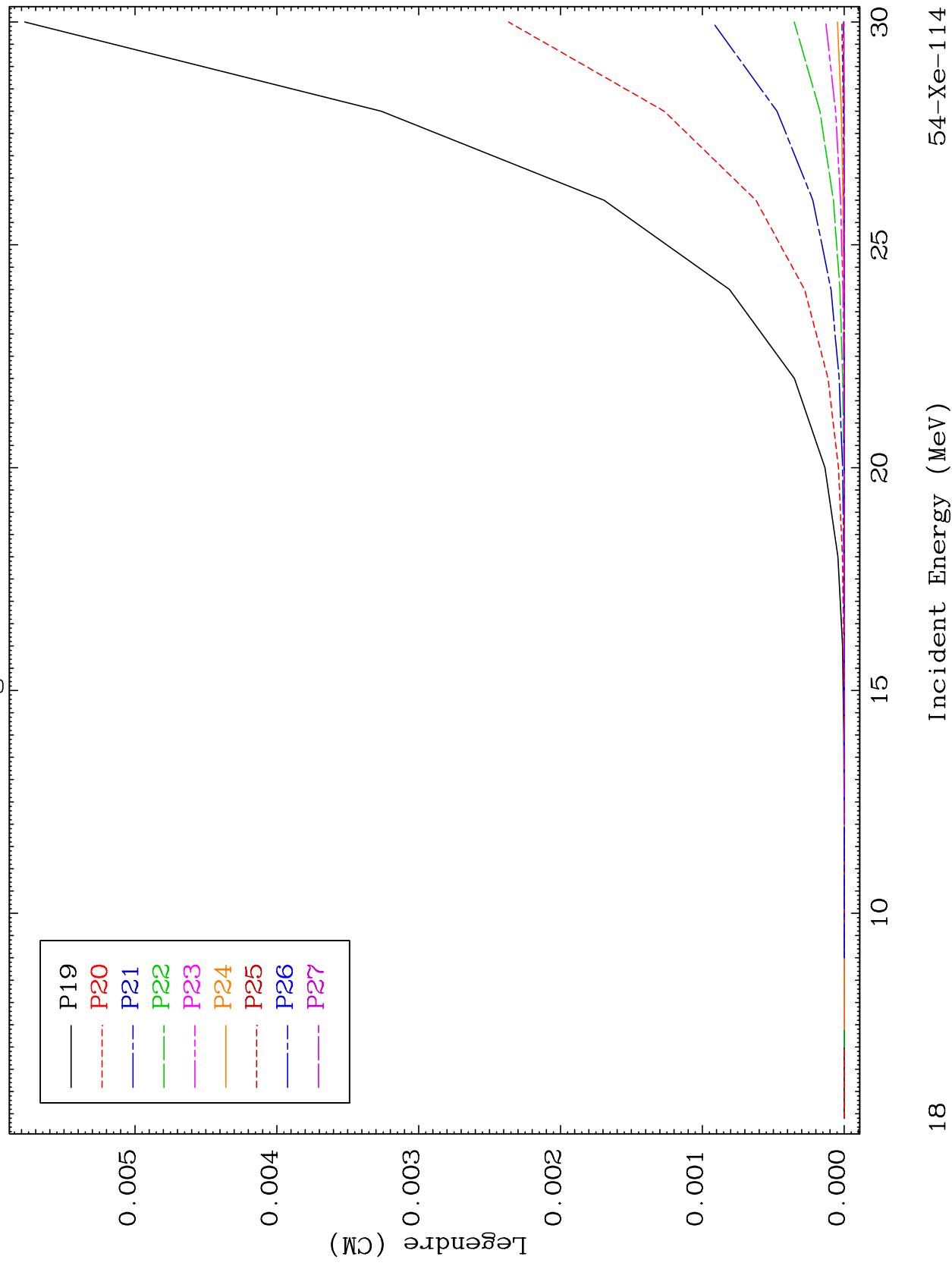
54-Xe-114



MAT 5395

### Elastic Legendre Coefficients

54-Xe-114



18

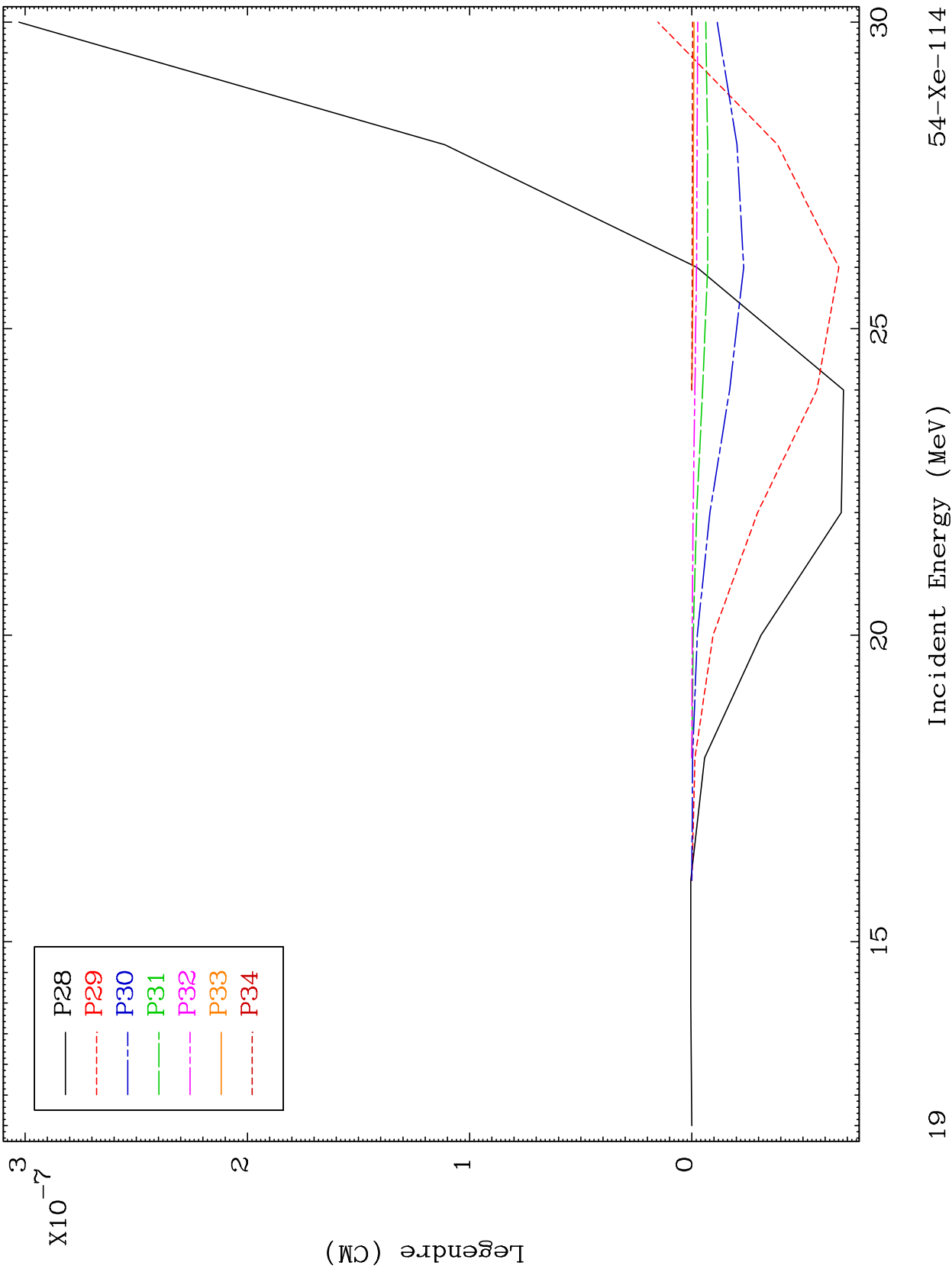
Incident Energy (MeV)

54-Xe-114

MAT 5395

Elastic Legendre Coefficients

54-Xe-114



19

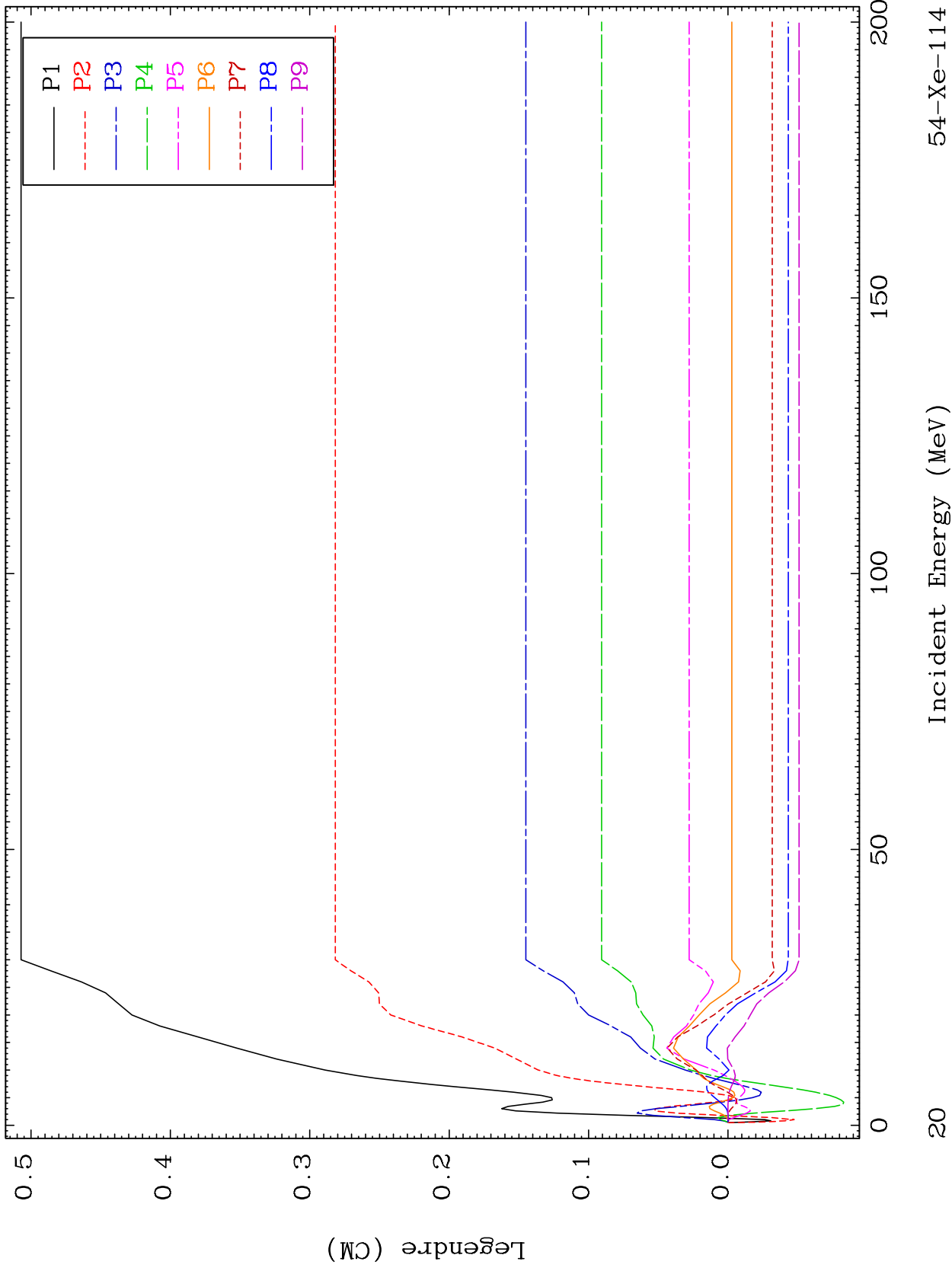
Incident Energy (MeV)

54-Xe-114

MAT 5395

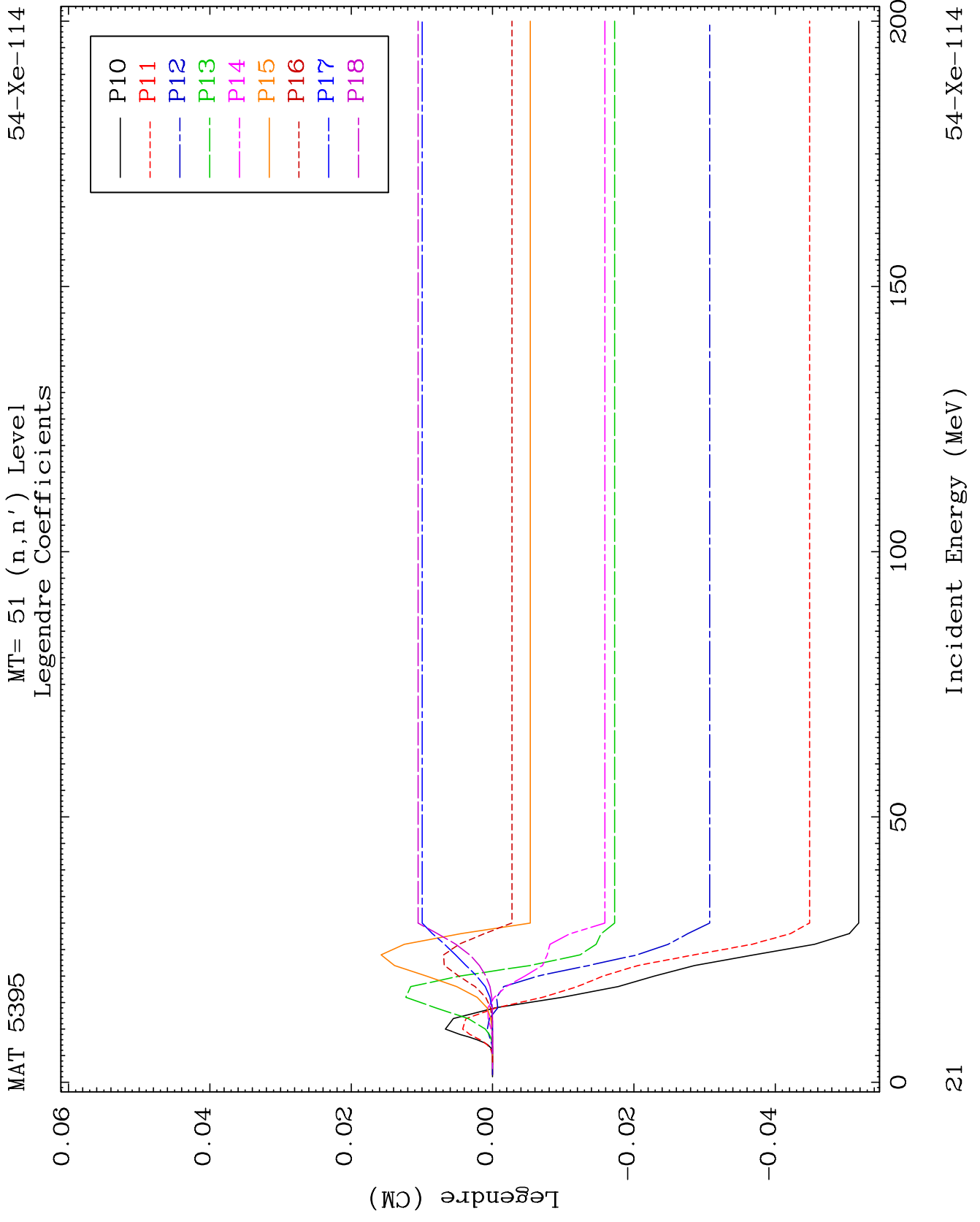
MT= 51 (n,n') Level  
Legendre Coefficients

54-Xe-114



54-Xe-114

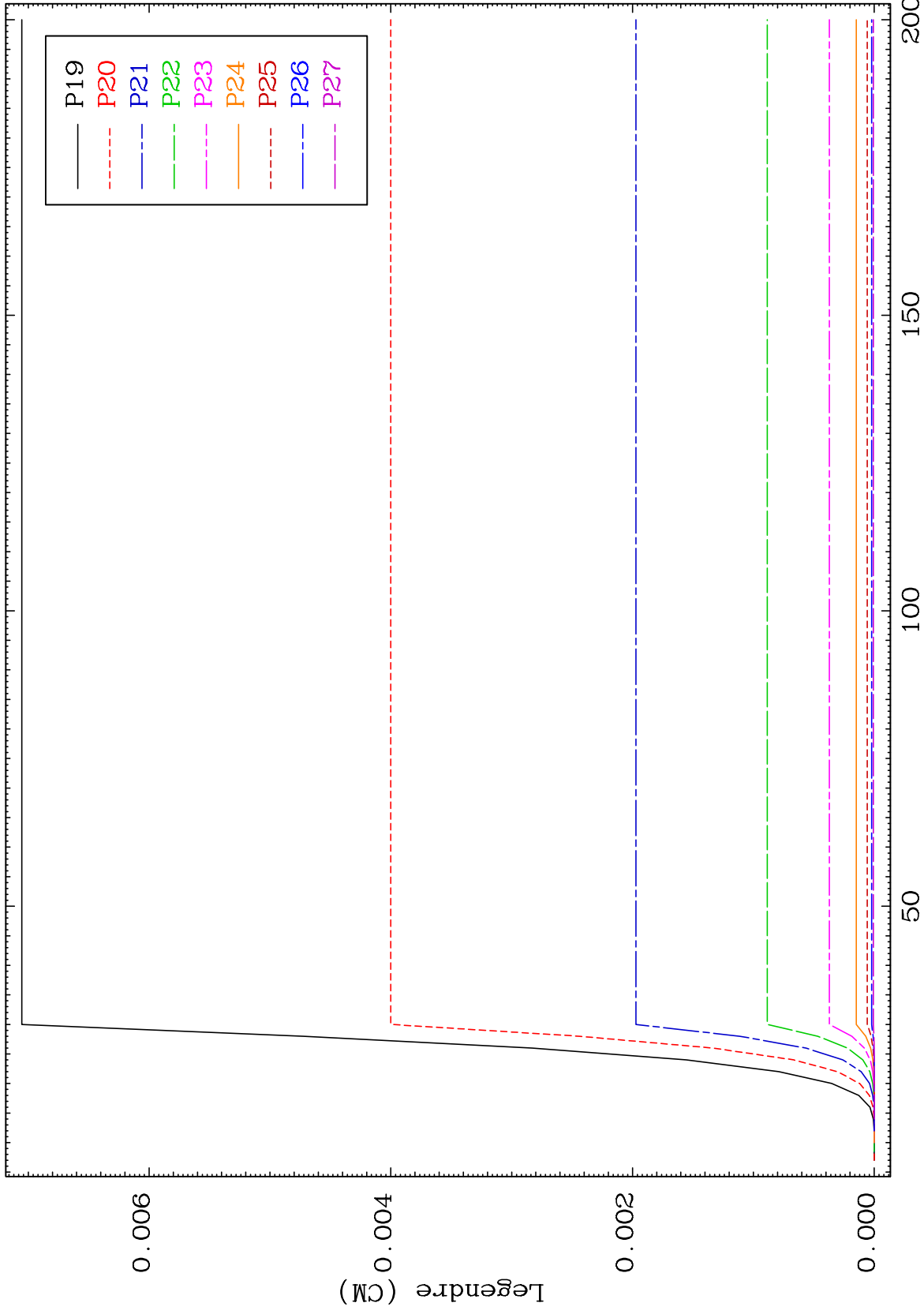
Incident Energy (MeV)



MAT 5395

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

54-Xe-114



22

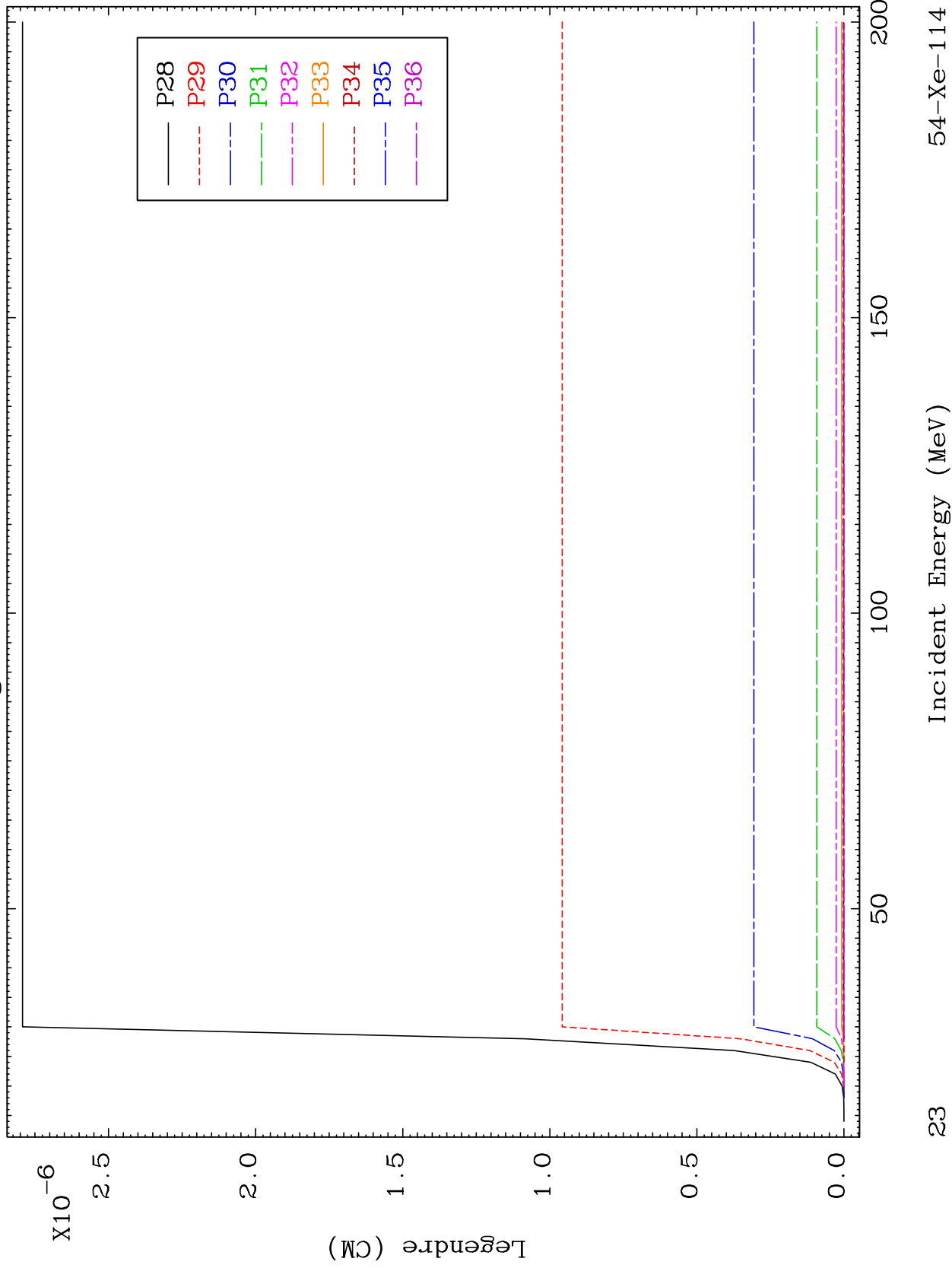
Incident Energy (MeV)

54-Xe-114

MAT 5395

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

54-Xe-114

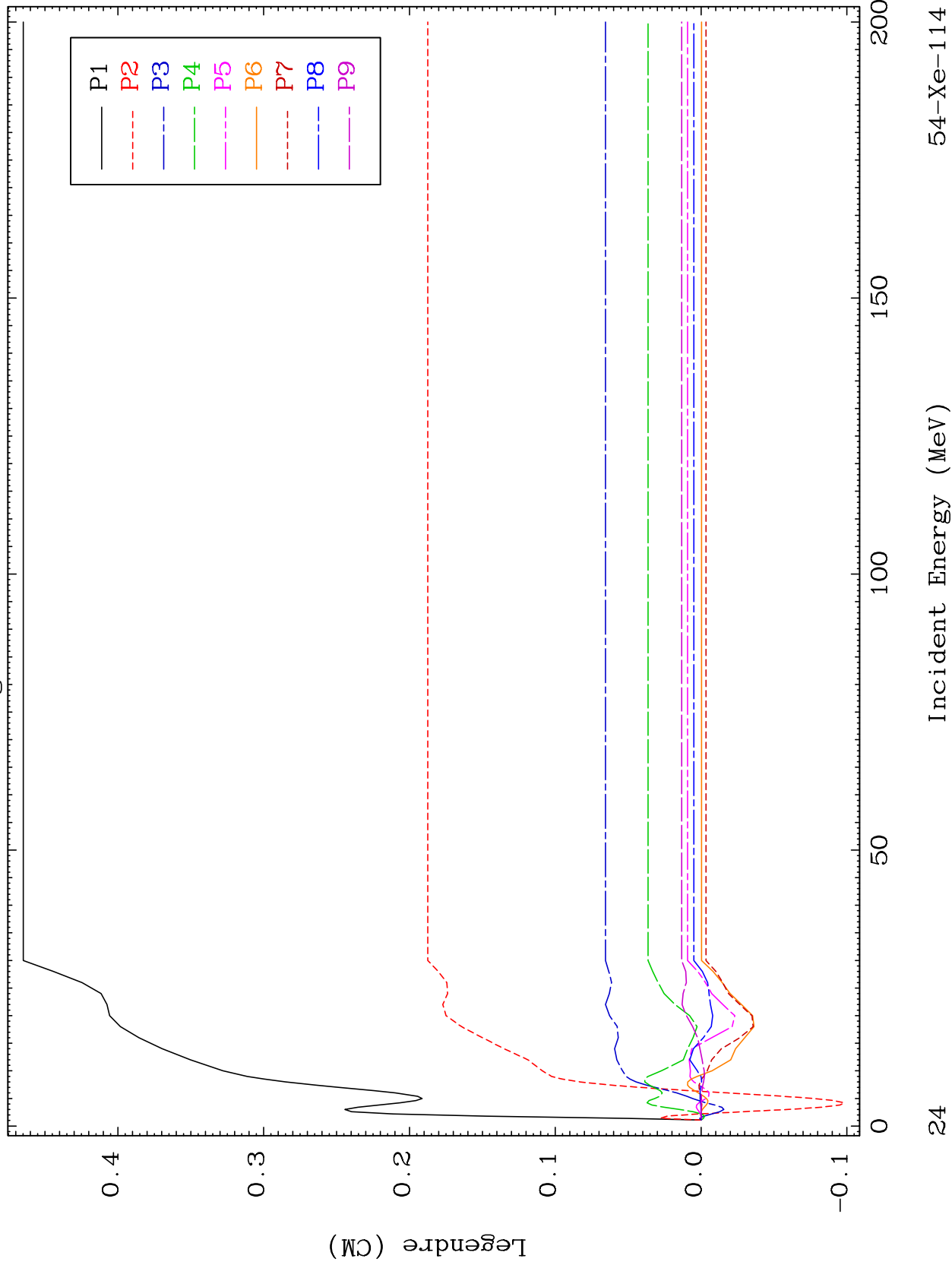




MAT 5395

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

54-Xe-114



54-Xe-114

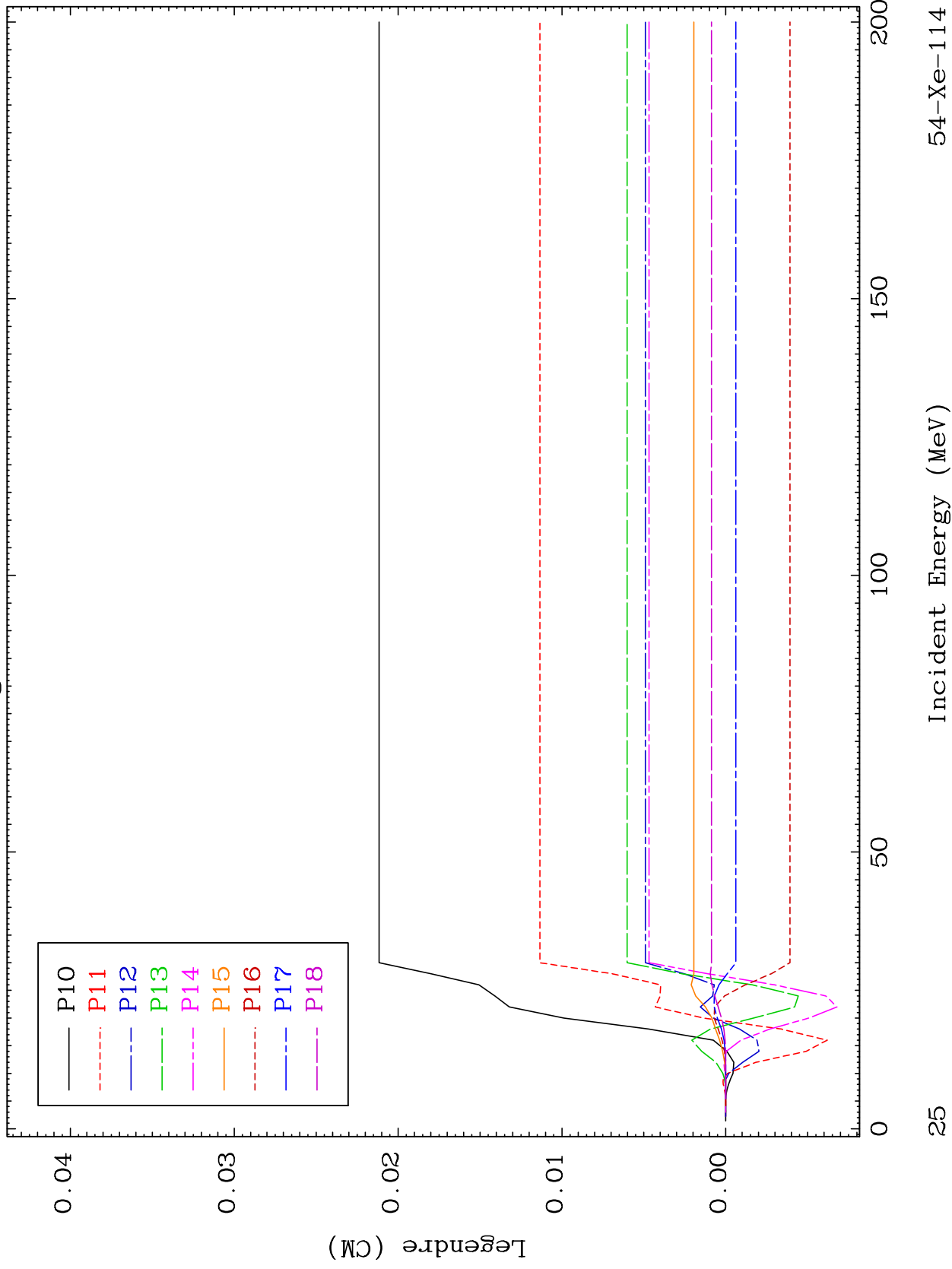
Incident Energy (MeV)

24

MAT 5395

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

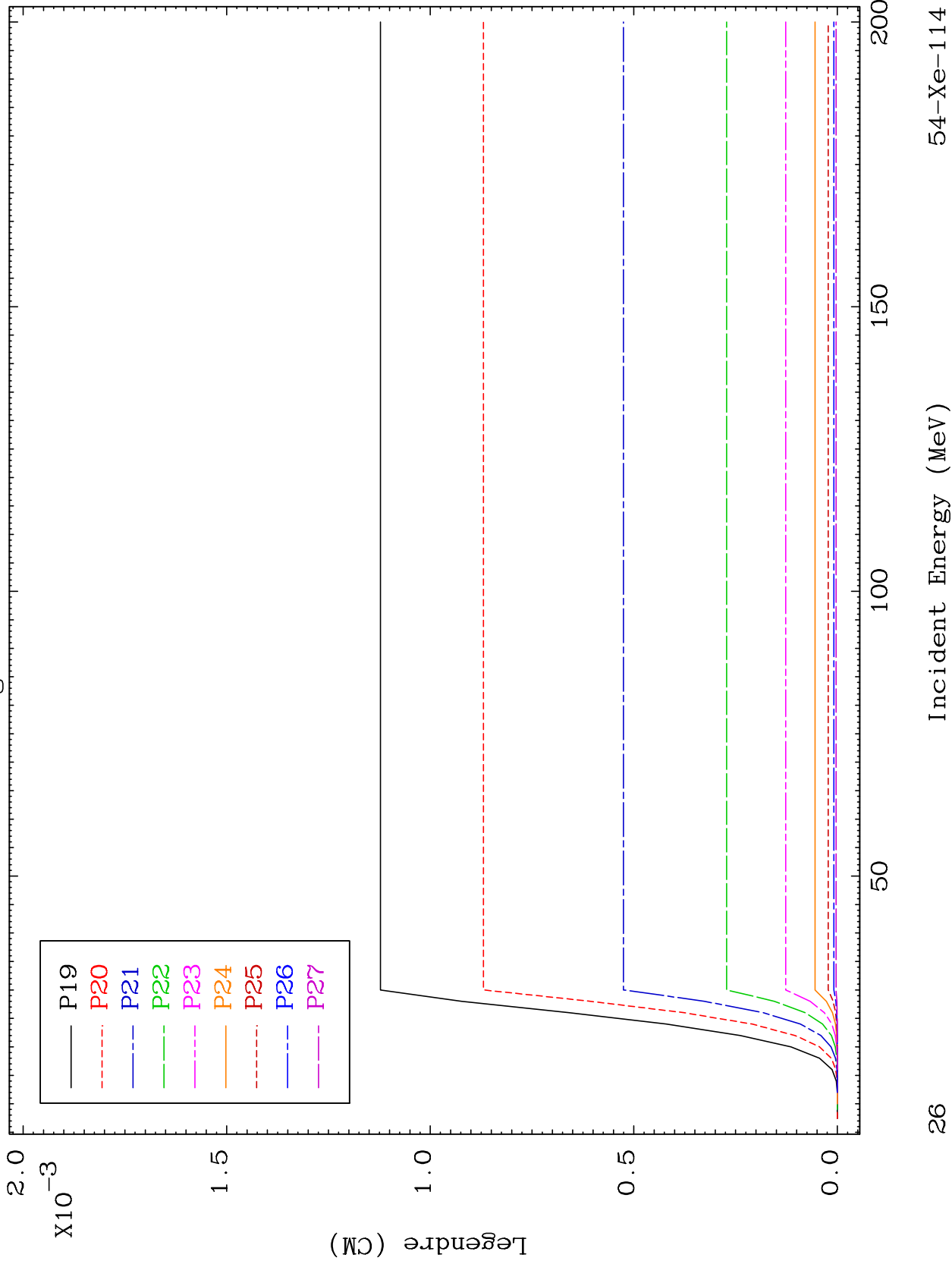
54-Xe-114



54-Xe-114

Incident Energy (MeV)

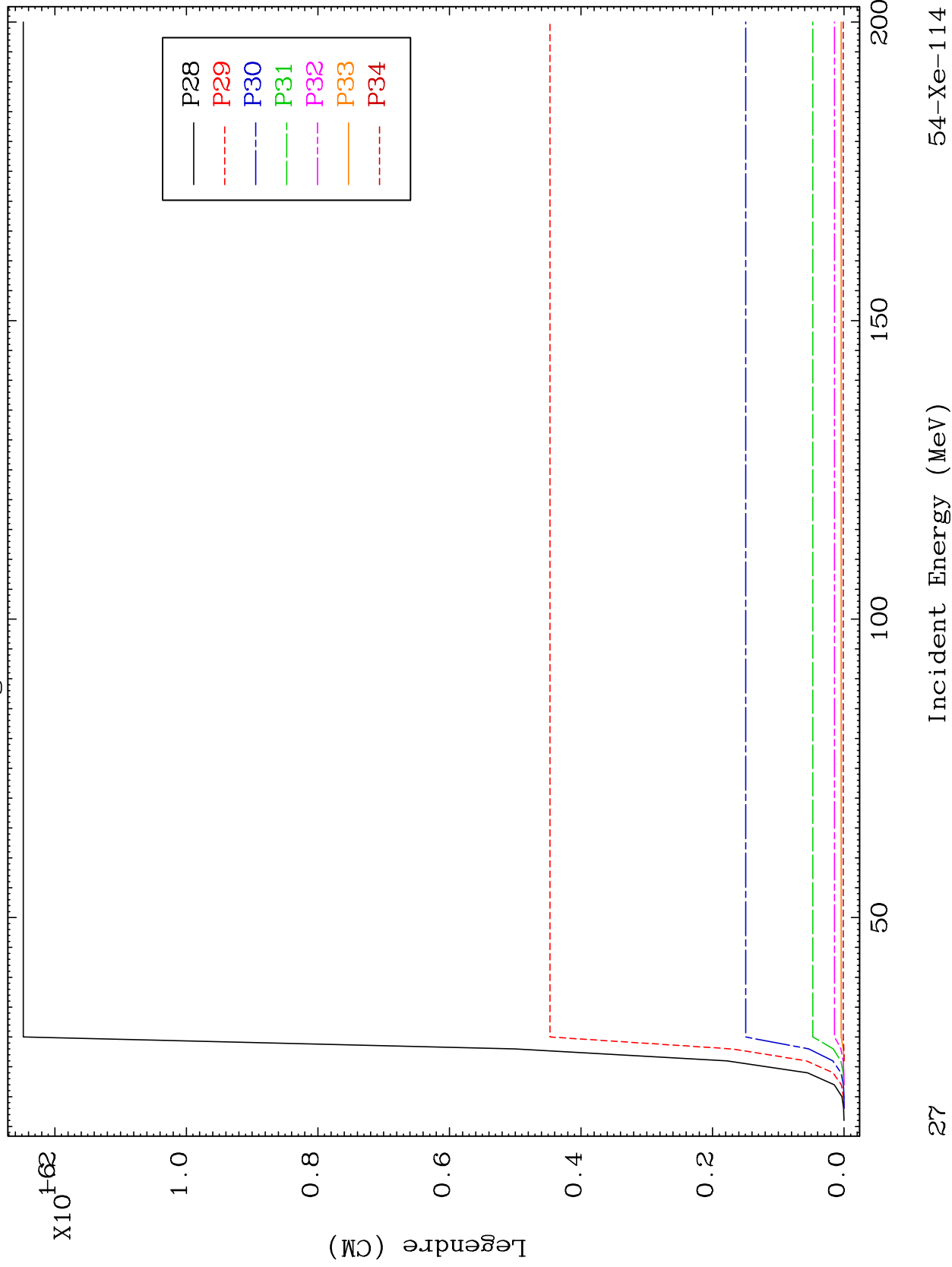
25



MAT 5395

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

54-Xe-114



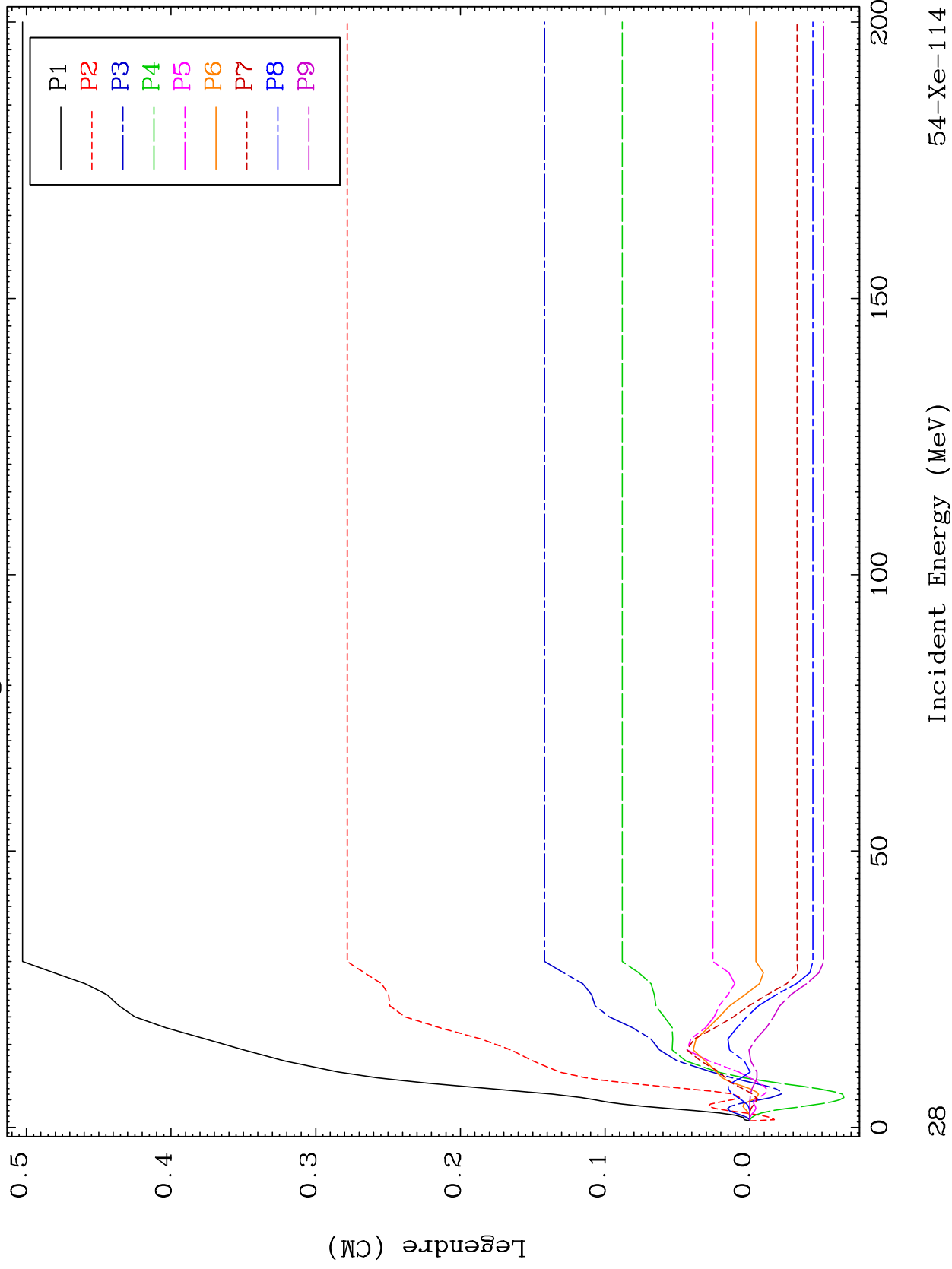
27

54-Xe-114

MAT 5395

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

54-Xe-114



54-Xe-114

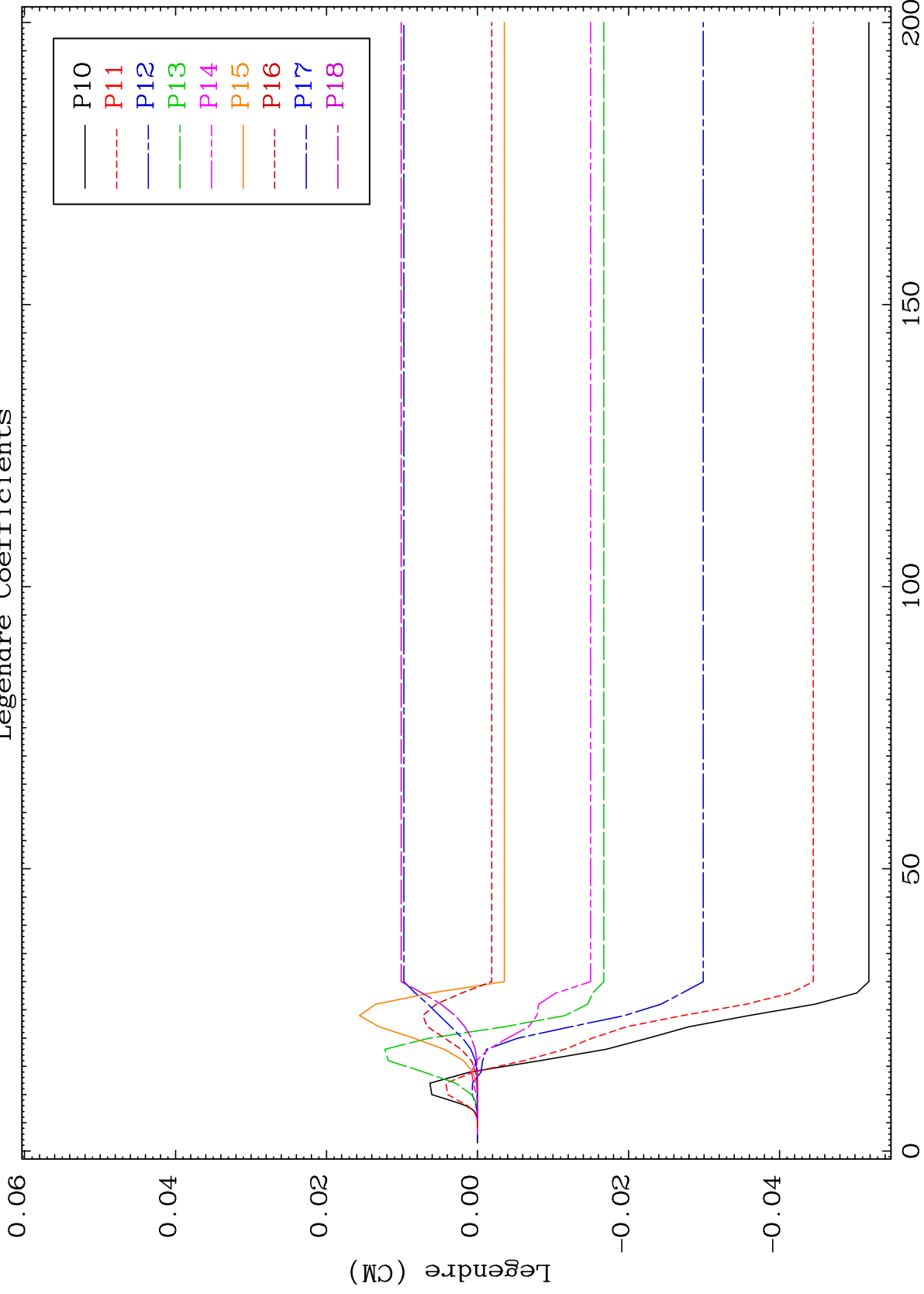
Incident Energy (MeV)

28

MAT 5395

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

54-Xe-114



29

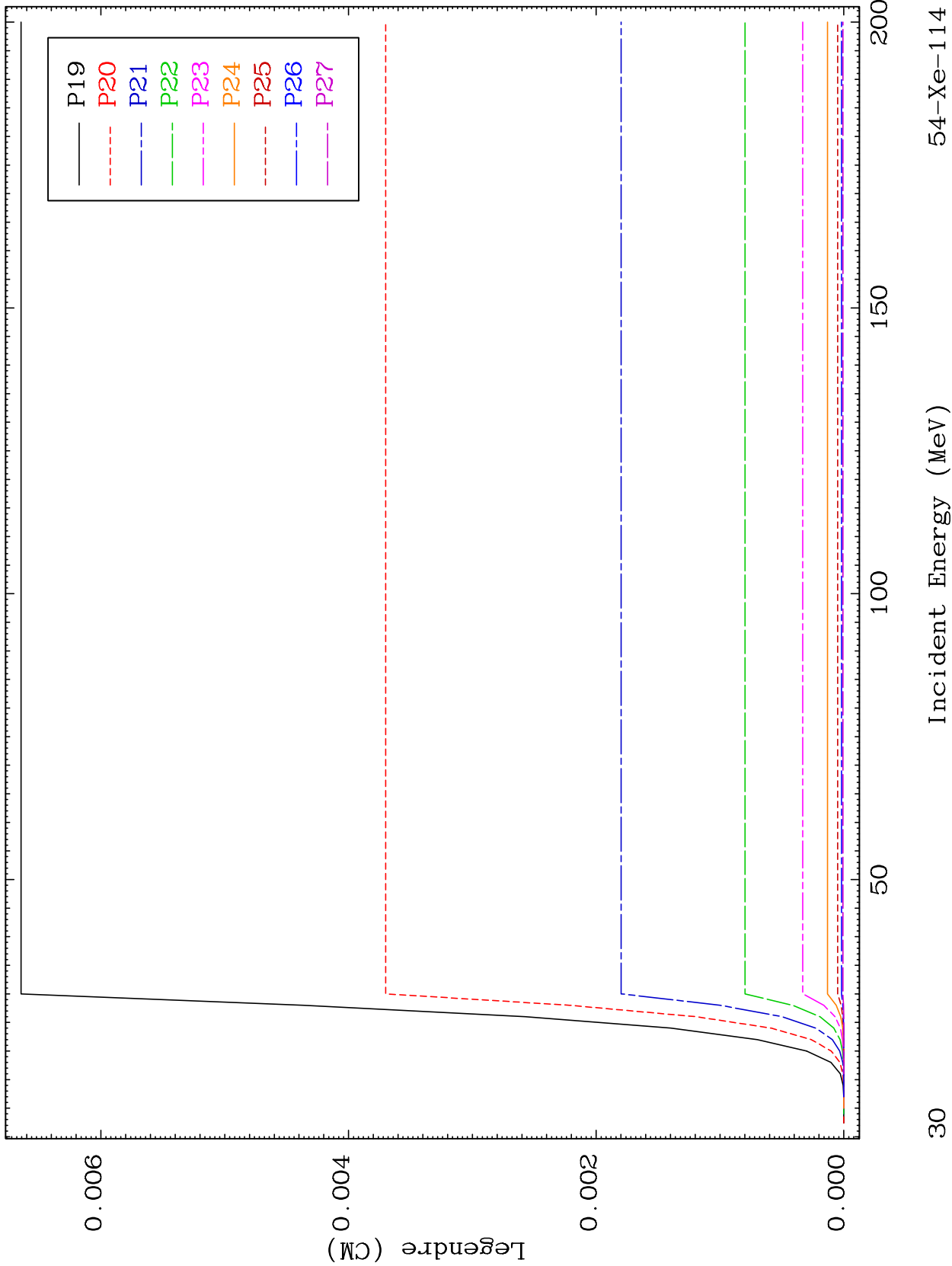
Incident Energy (MeV)

54-Xe-114

MAT 5395

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

54-Xe-114



30

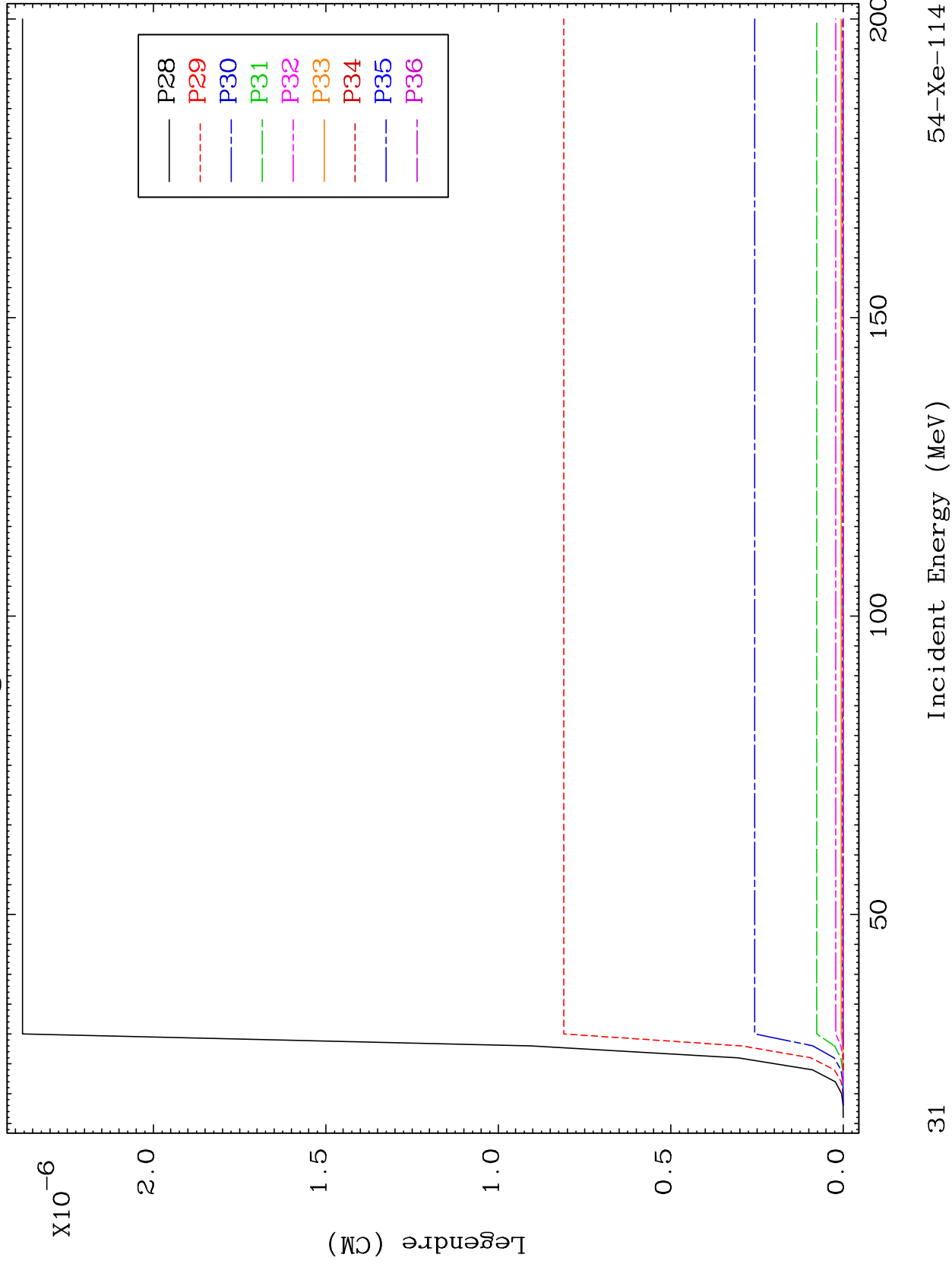
Incident Energy (MeV)

54-Xe-114

MAT 5395

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

54-Xe-114



31

Incident Energy (MeV)

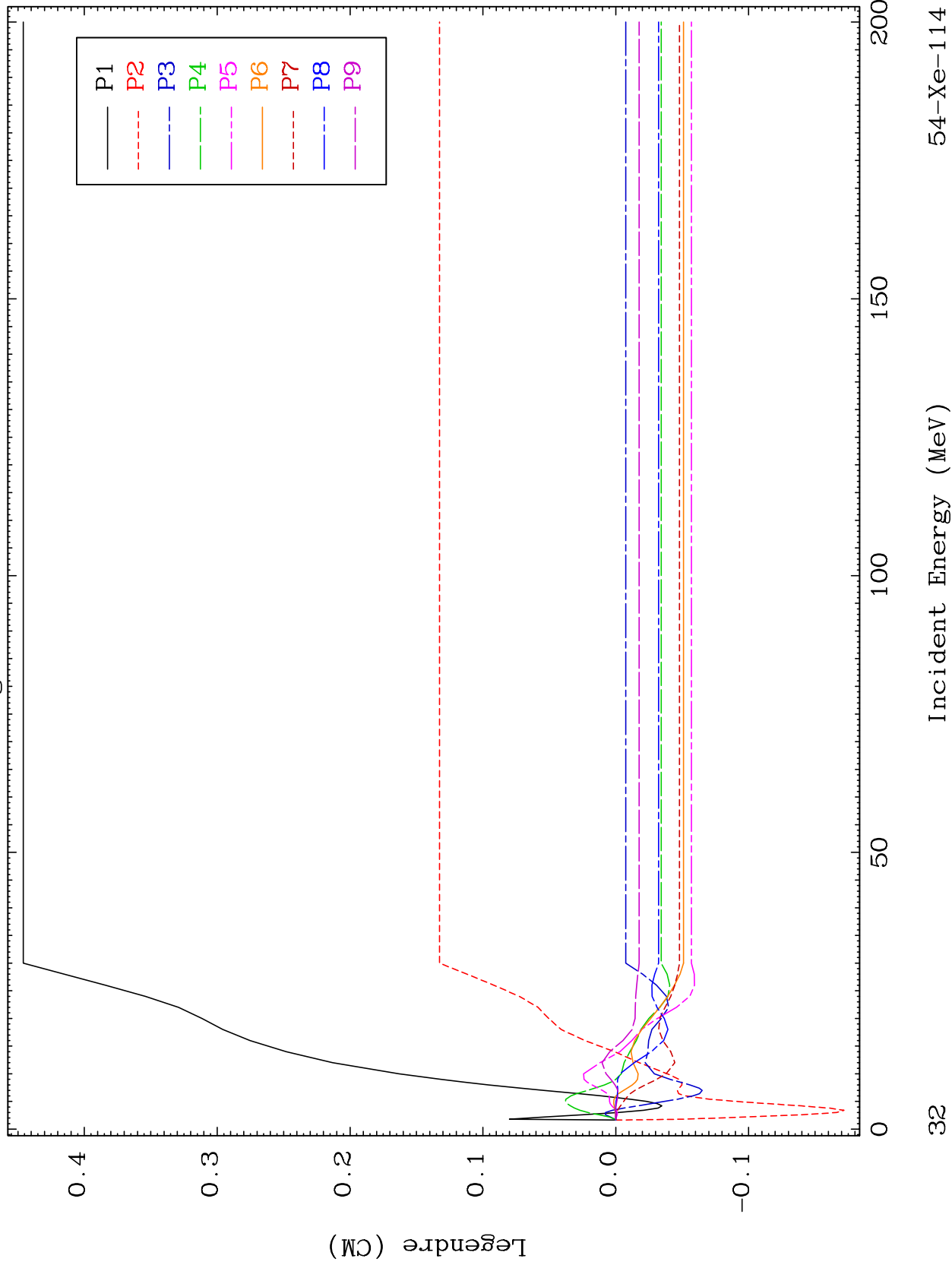
54-Xe-114



MAT 5395

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

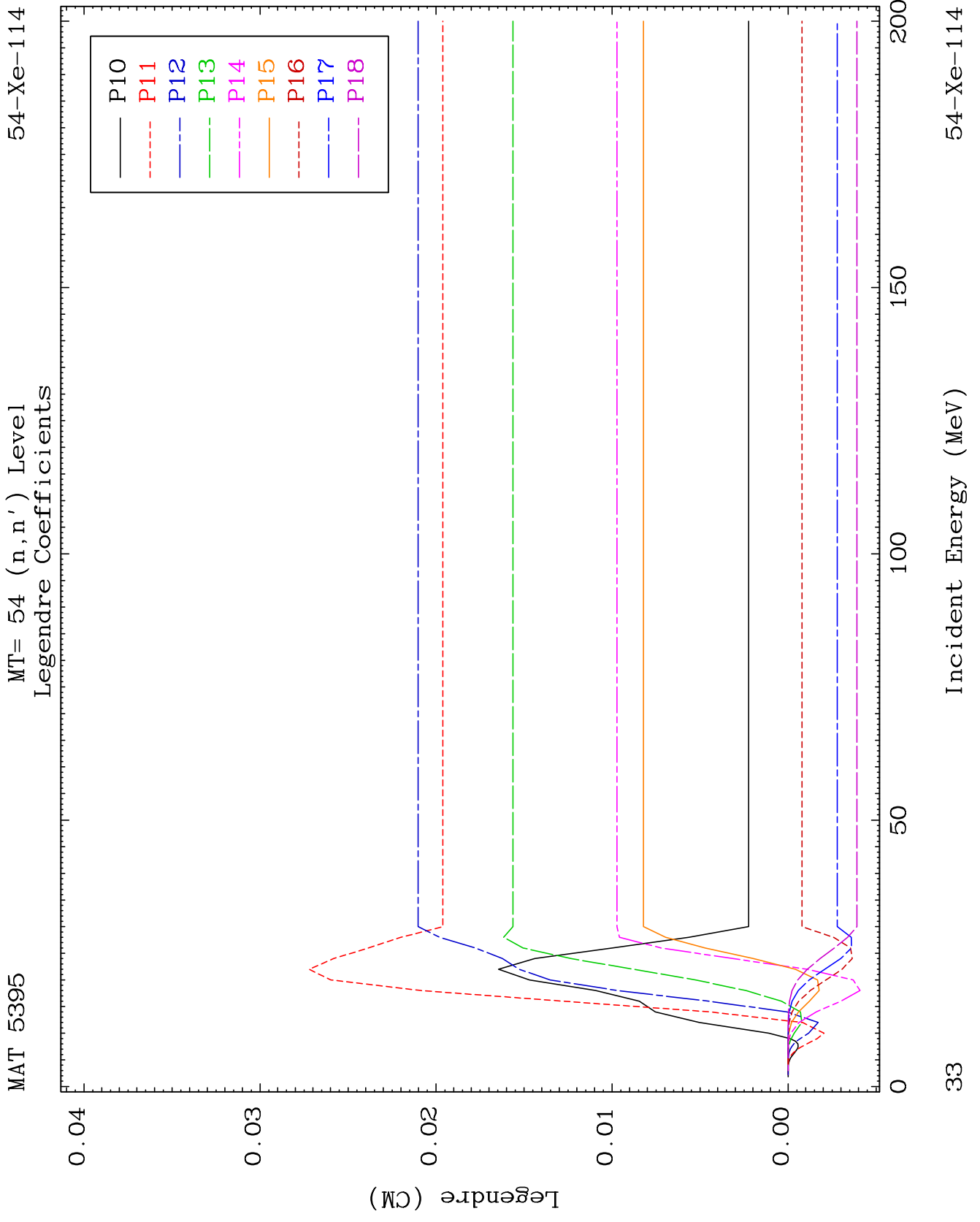
54-Xe-114

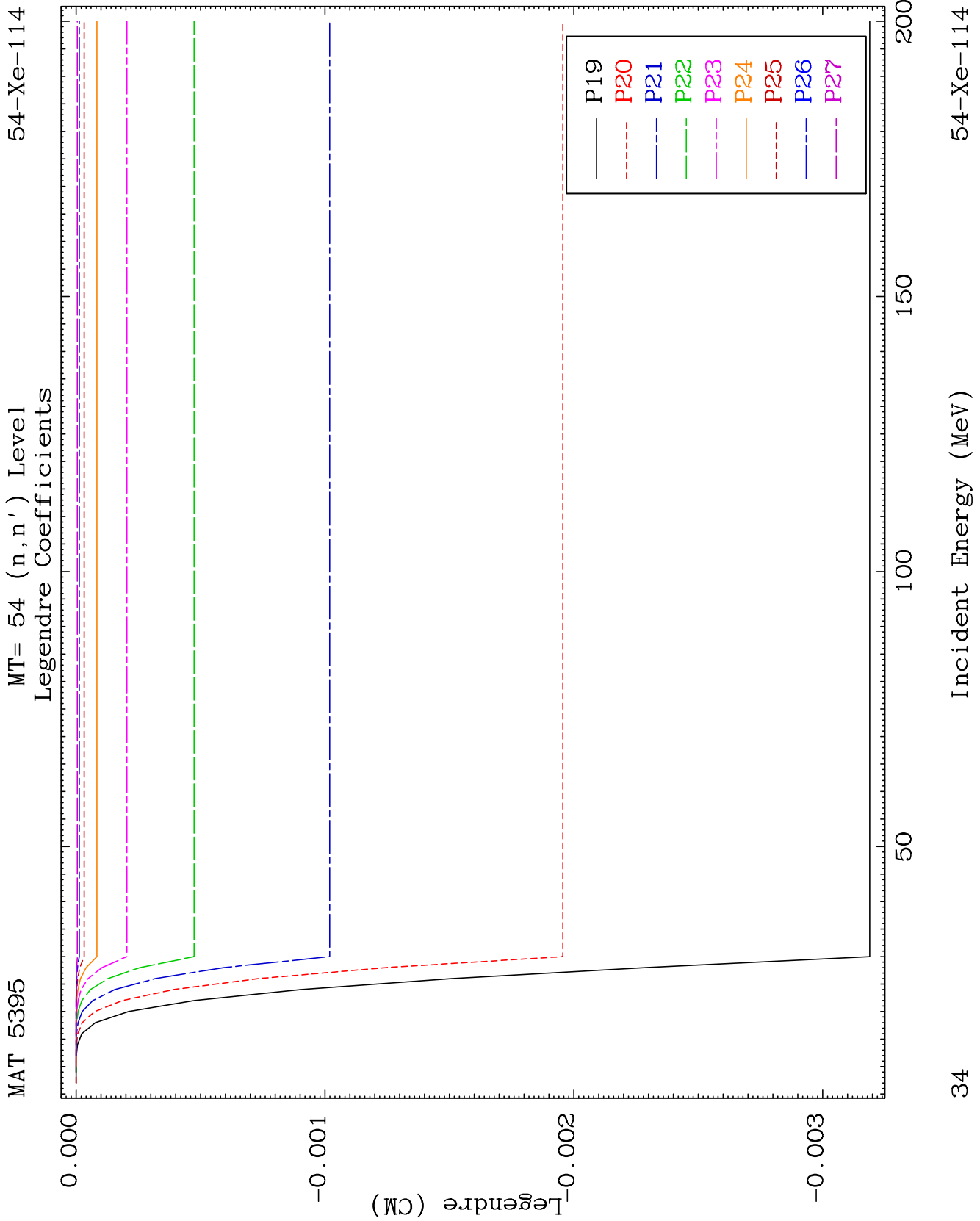


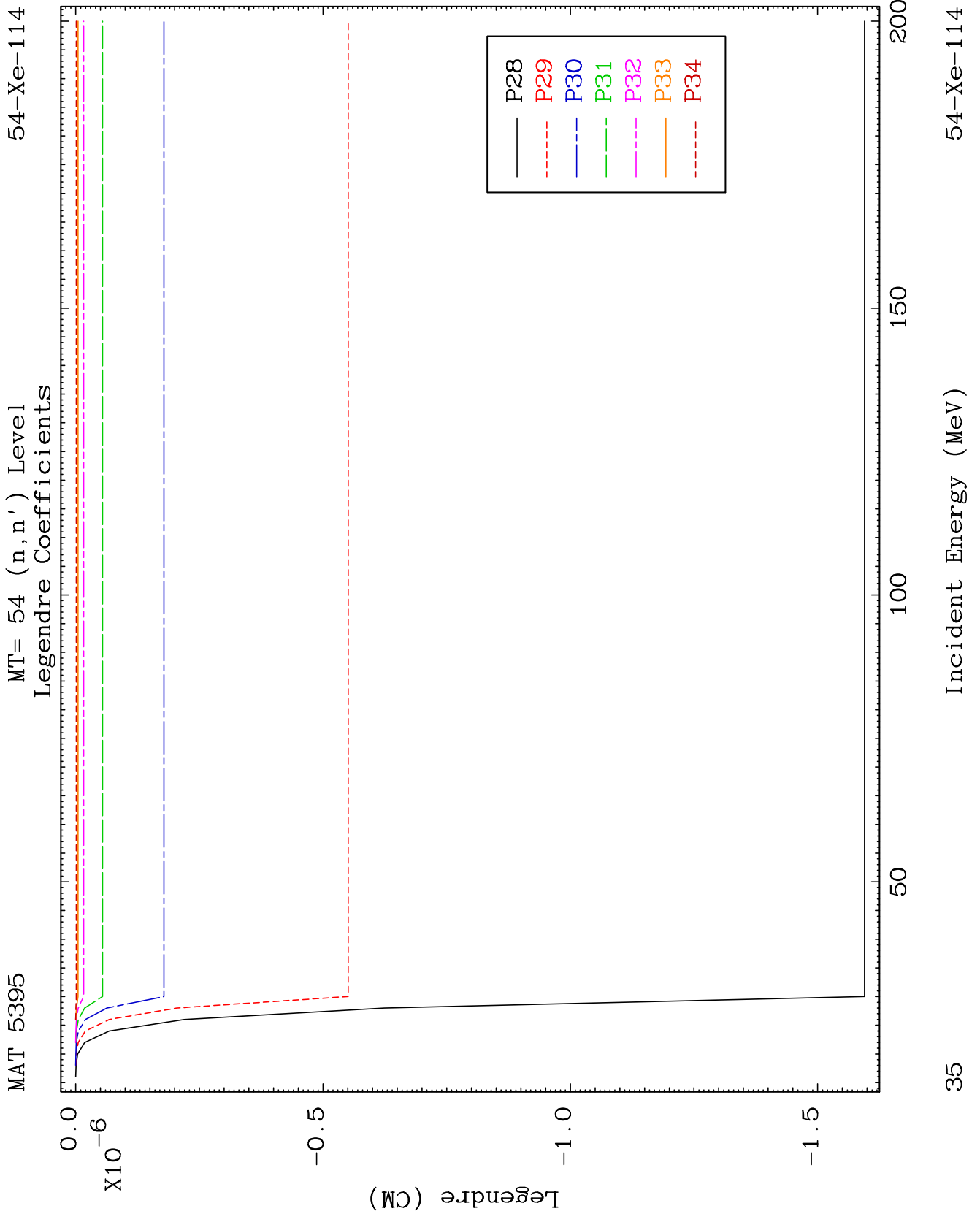
54-Xe-114

Incident Energy (MeV)

32



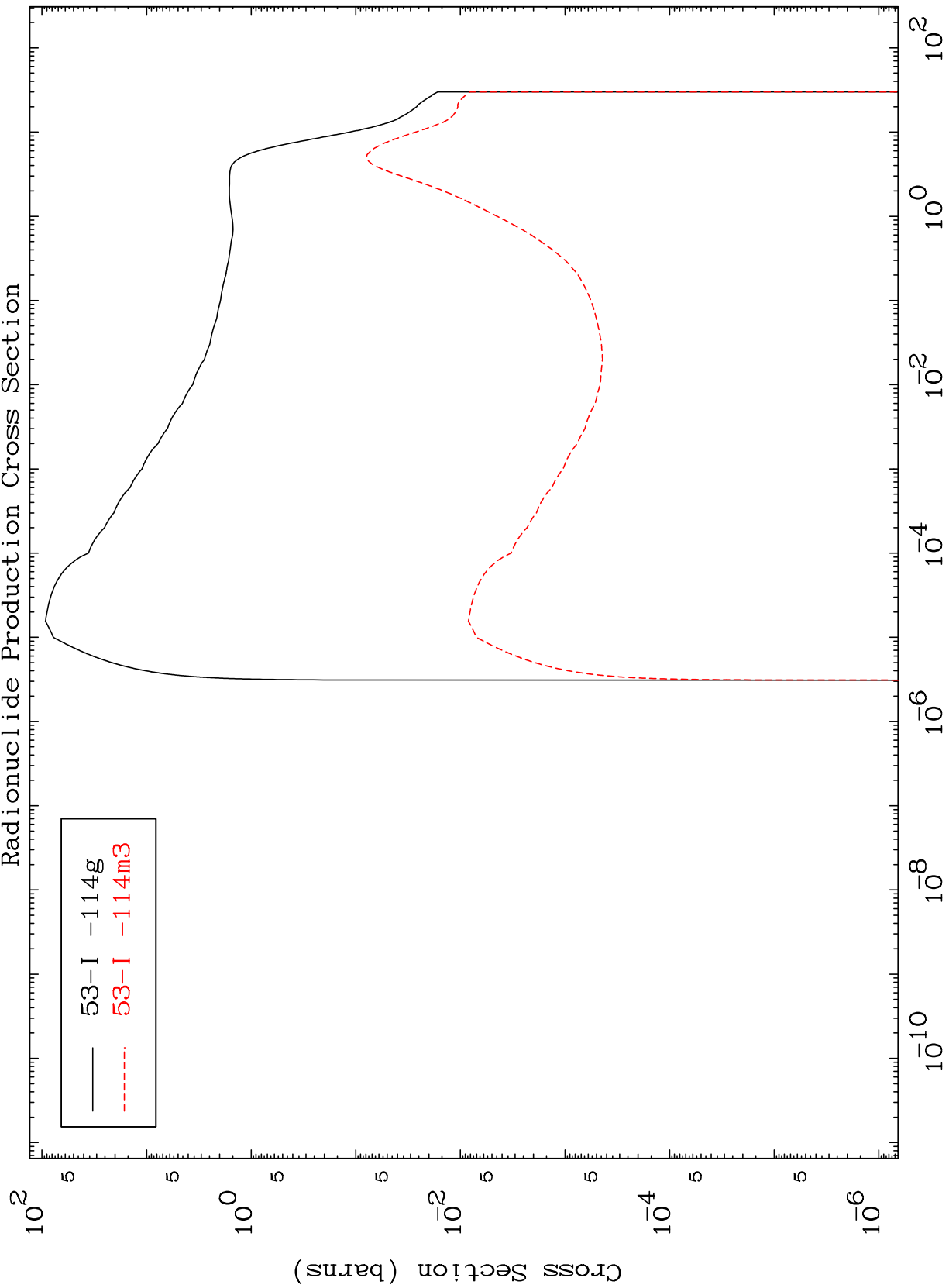




MAT 5395

54-Xe-114

(n,p)  
Radionuclide Production Cross Section



53-I-114g  
53-I-114m3

54-Xe-114

Incident Energy (MeV)

36

MAT 5395

(n,d) 2 $\alpha$

54-Xe-114

Radionuclide Production Cross Section

