

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

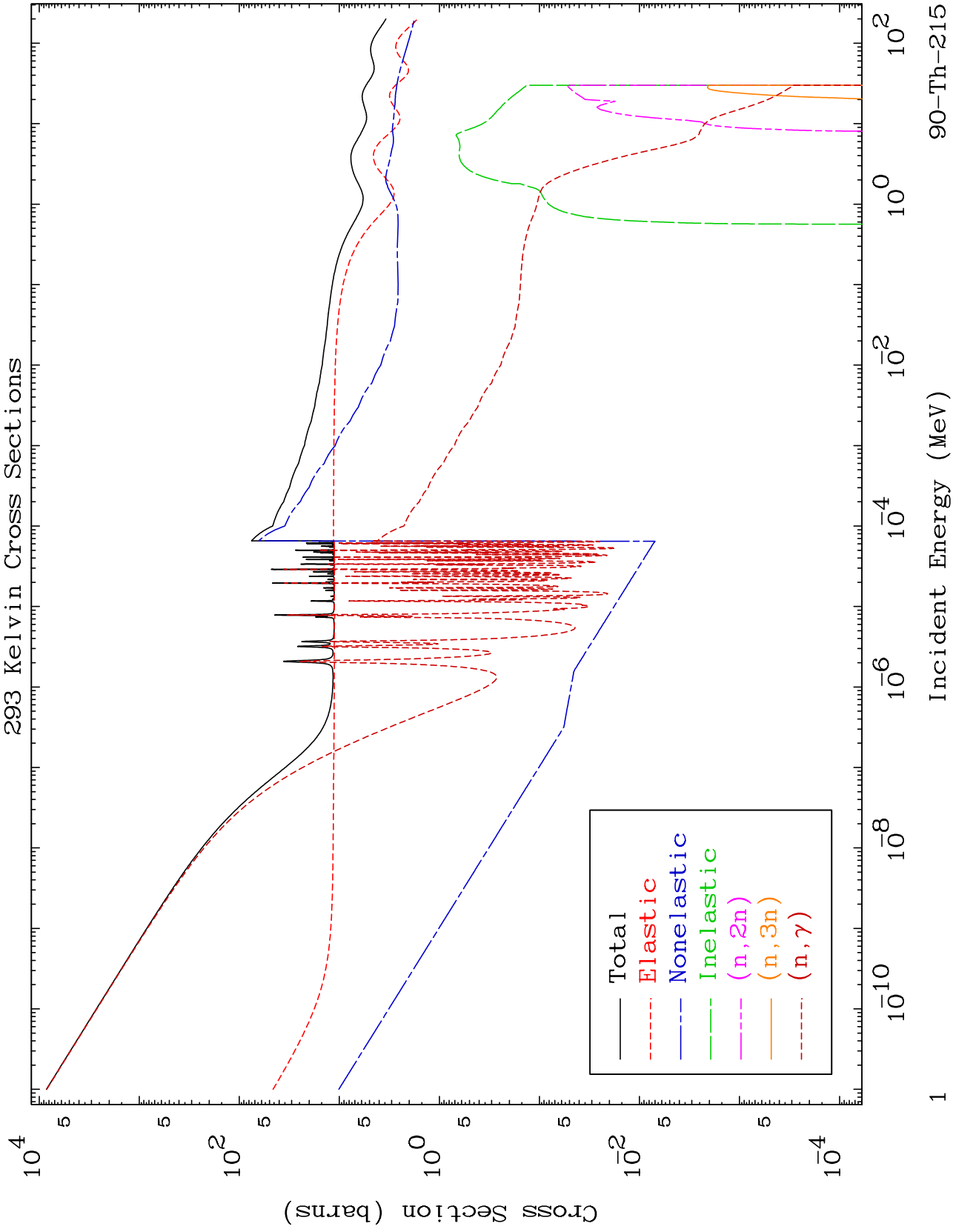
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8989

Neutron Major  
293 Kelvin Cross Sections

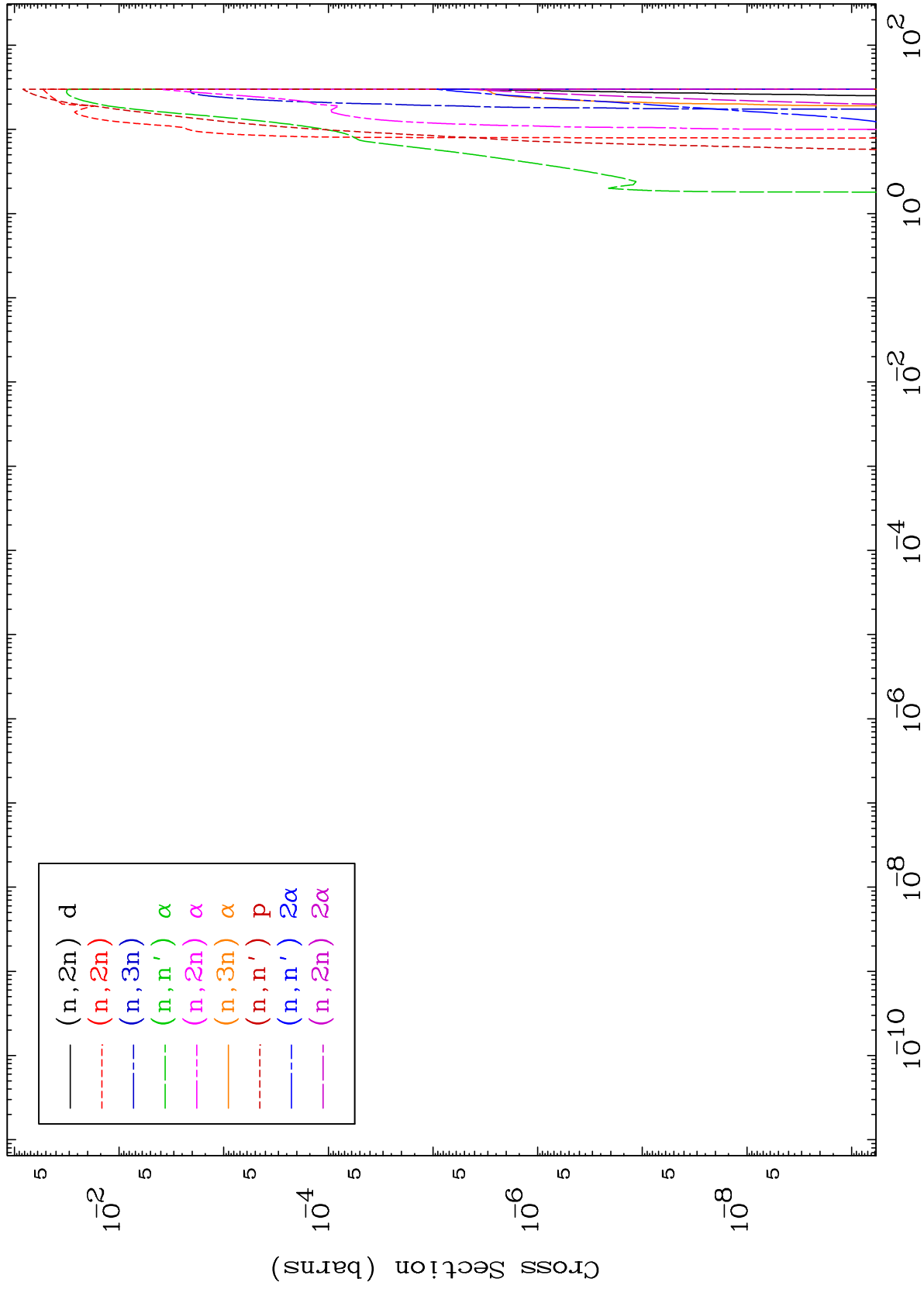
90-Th-215



MAT 8989

Neutron Absorption  
293 Kelvin Cross Sections

90-Th-215

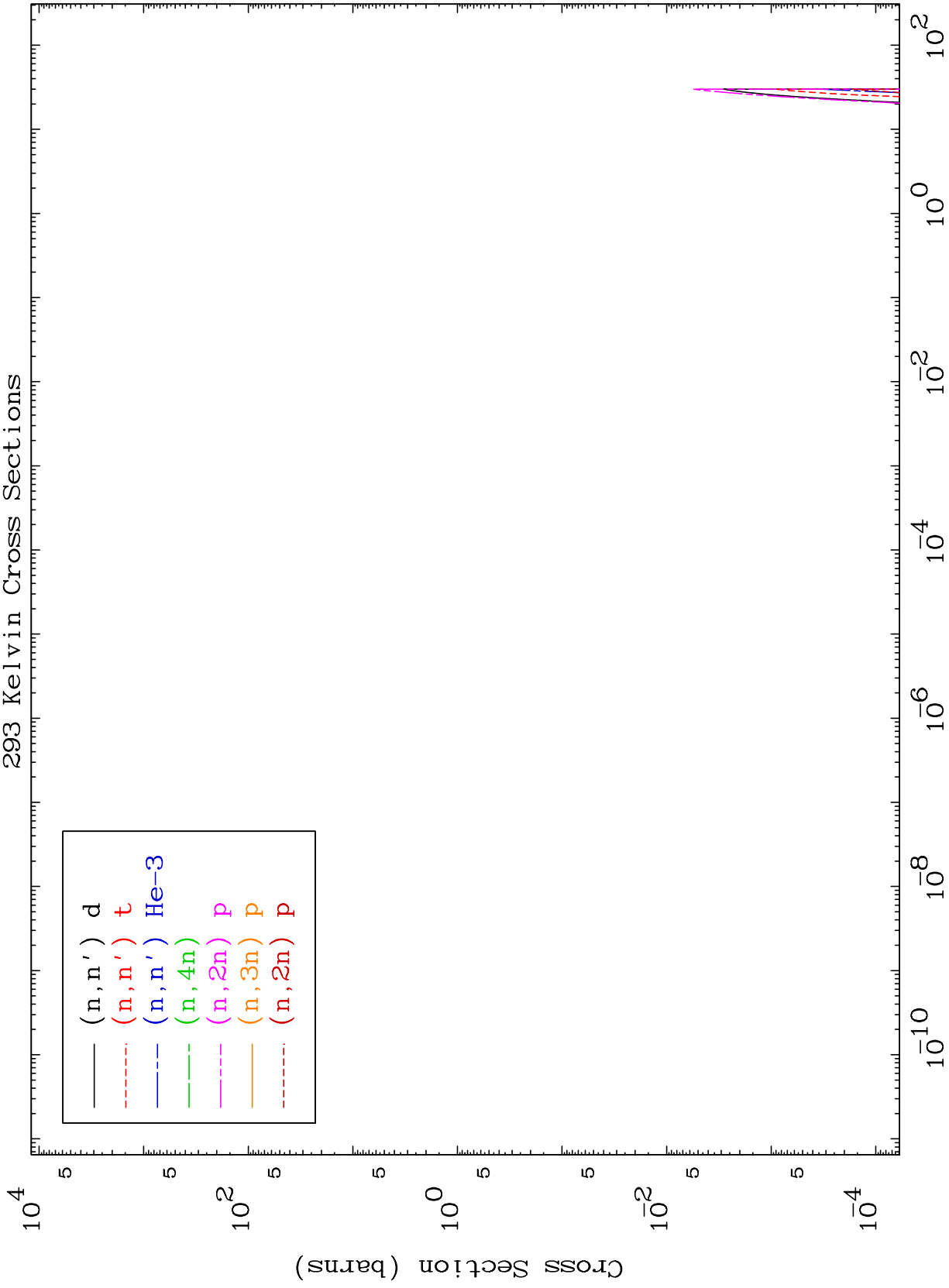


90-Th-215

MAT 8989

Neutron Absorption  
293 Kelvin Cross Sections

90-Th-215



3

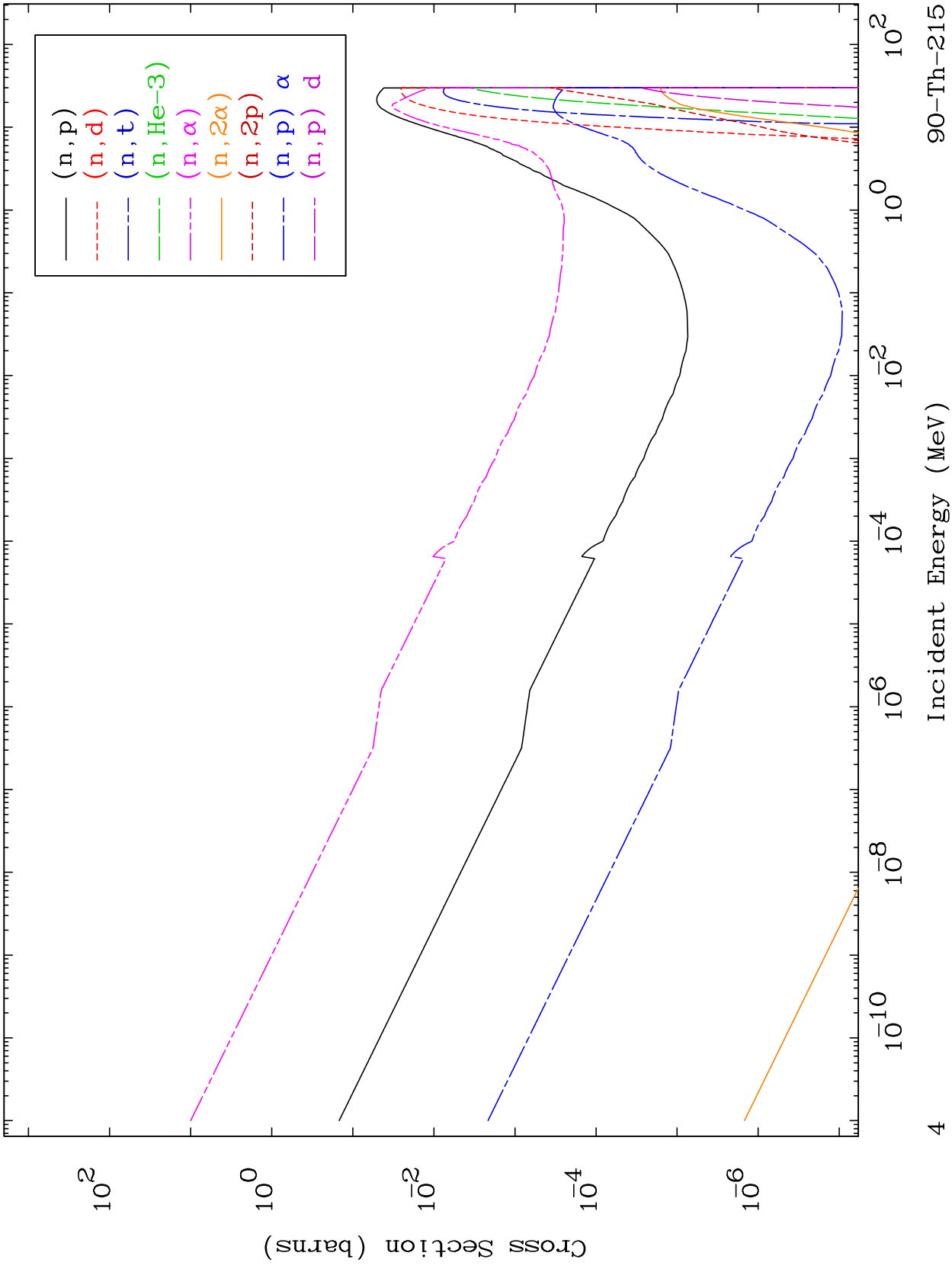
Incident Energy (MeV)

90-Th-215

MAT 8989

Neutron Absorption  
293 Kelvin Cross Sections

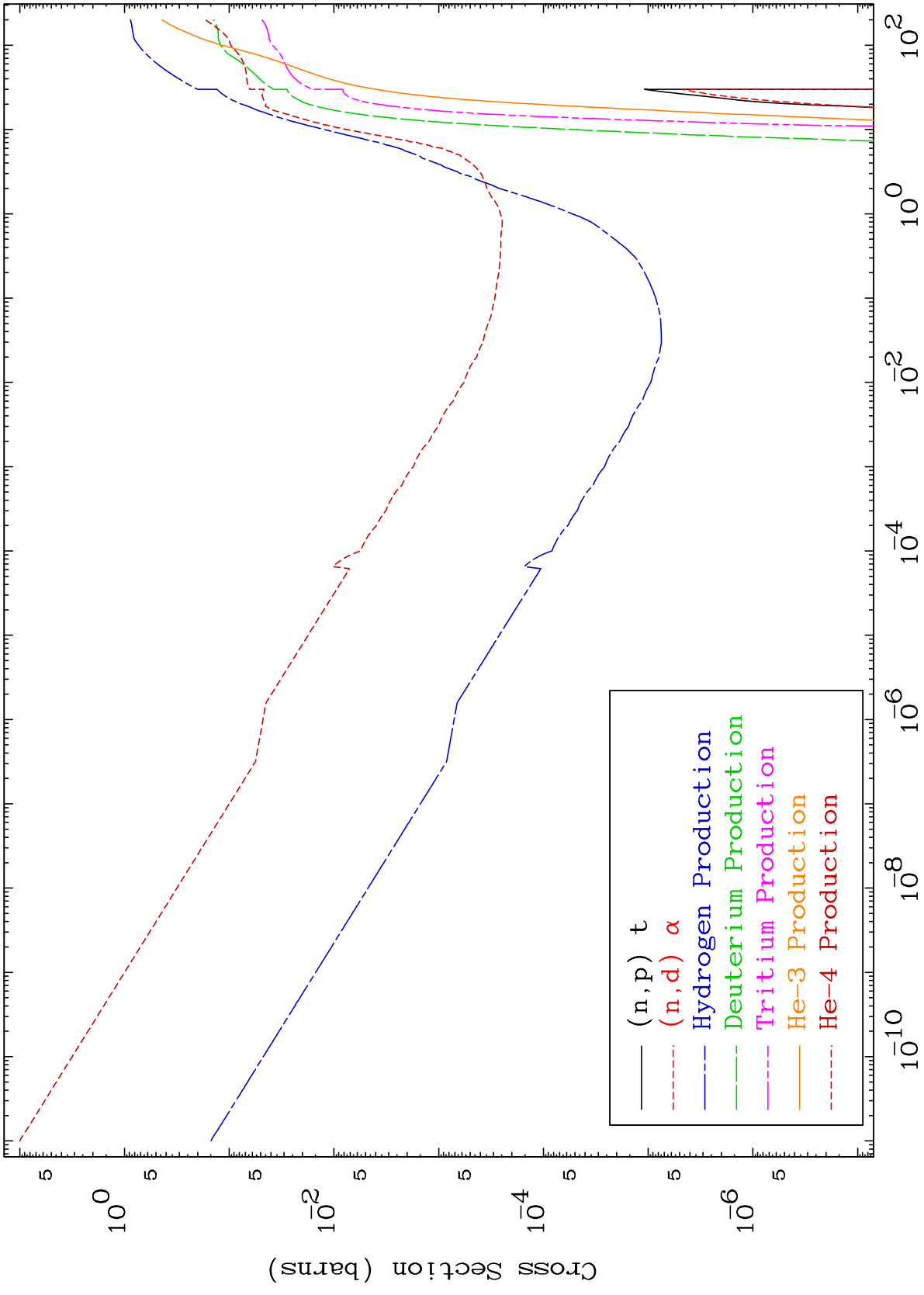
90-Th-215



MAT 8989

Neutron Absorption  
293 Kelvin Cross Sections

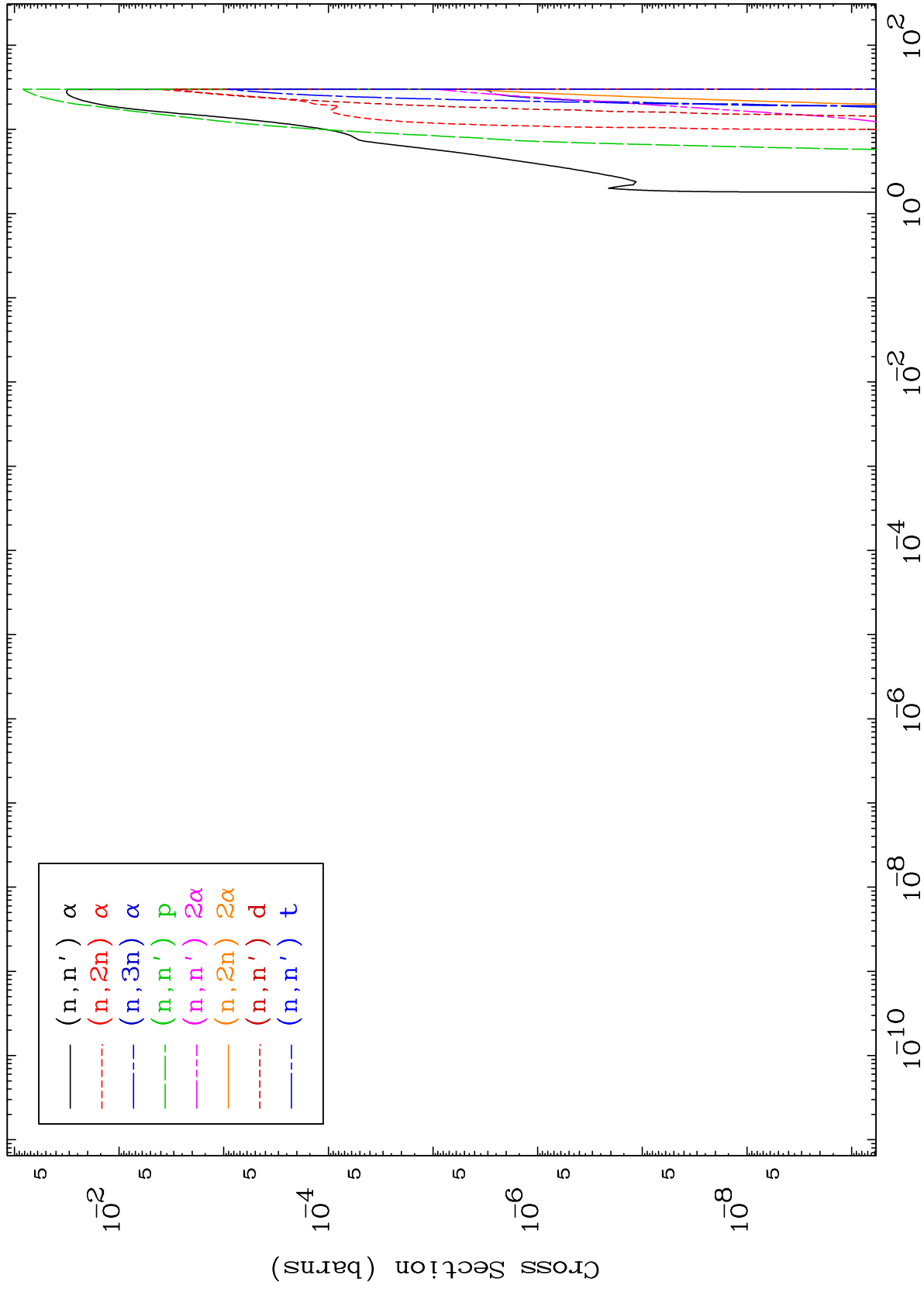
90-Th-215



MAT 8989

293 Kelvin Cross Sections

90-Th-215



6

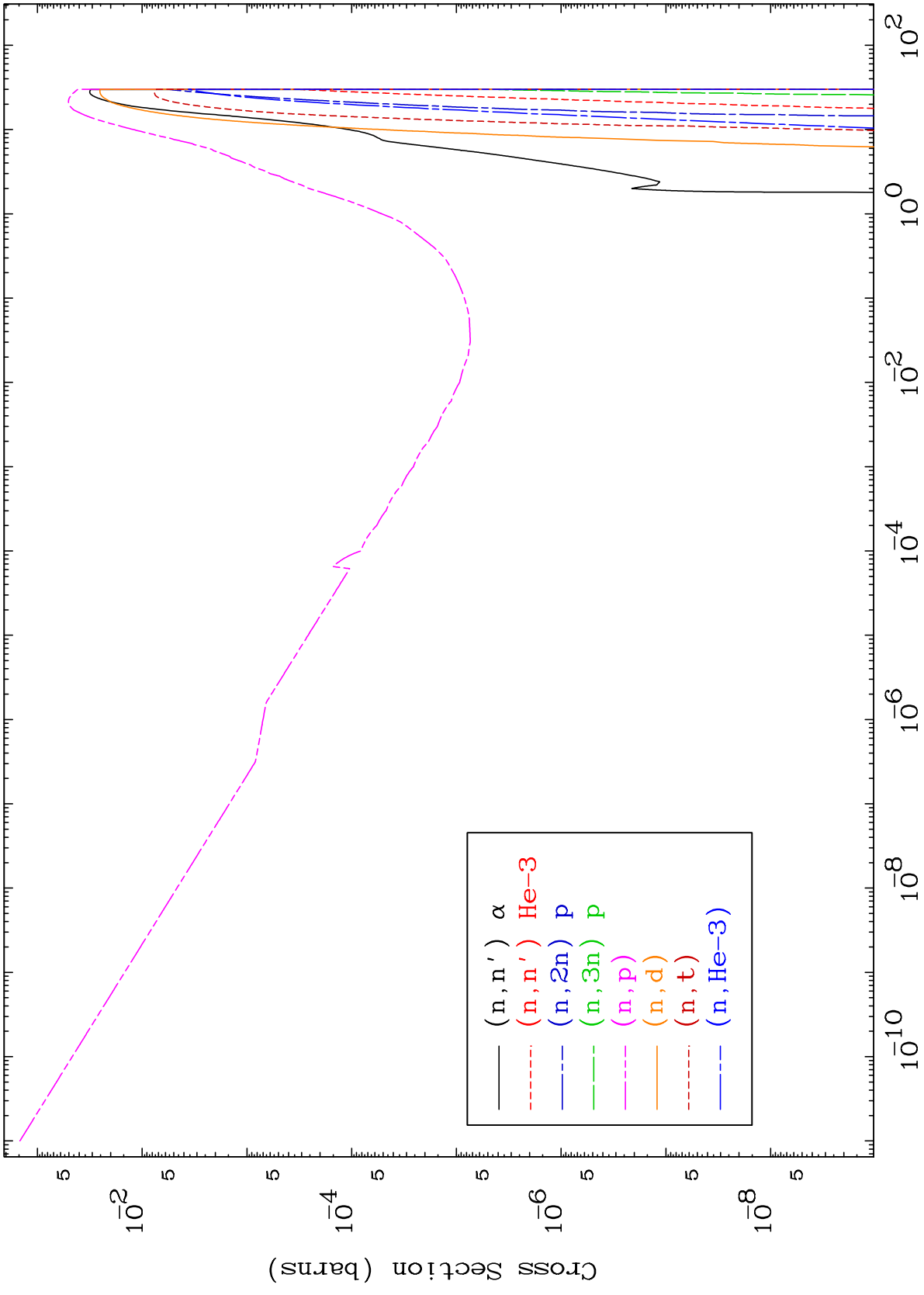
Incident Energy (MeV)

90-Th-215

MAT 8989

Charged Particle  
293 Kelvin Cross Sections

90-Th-215



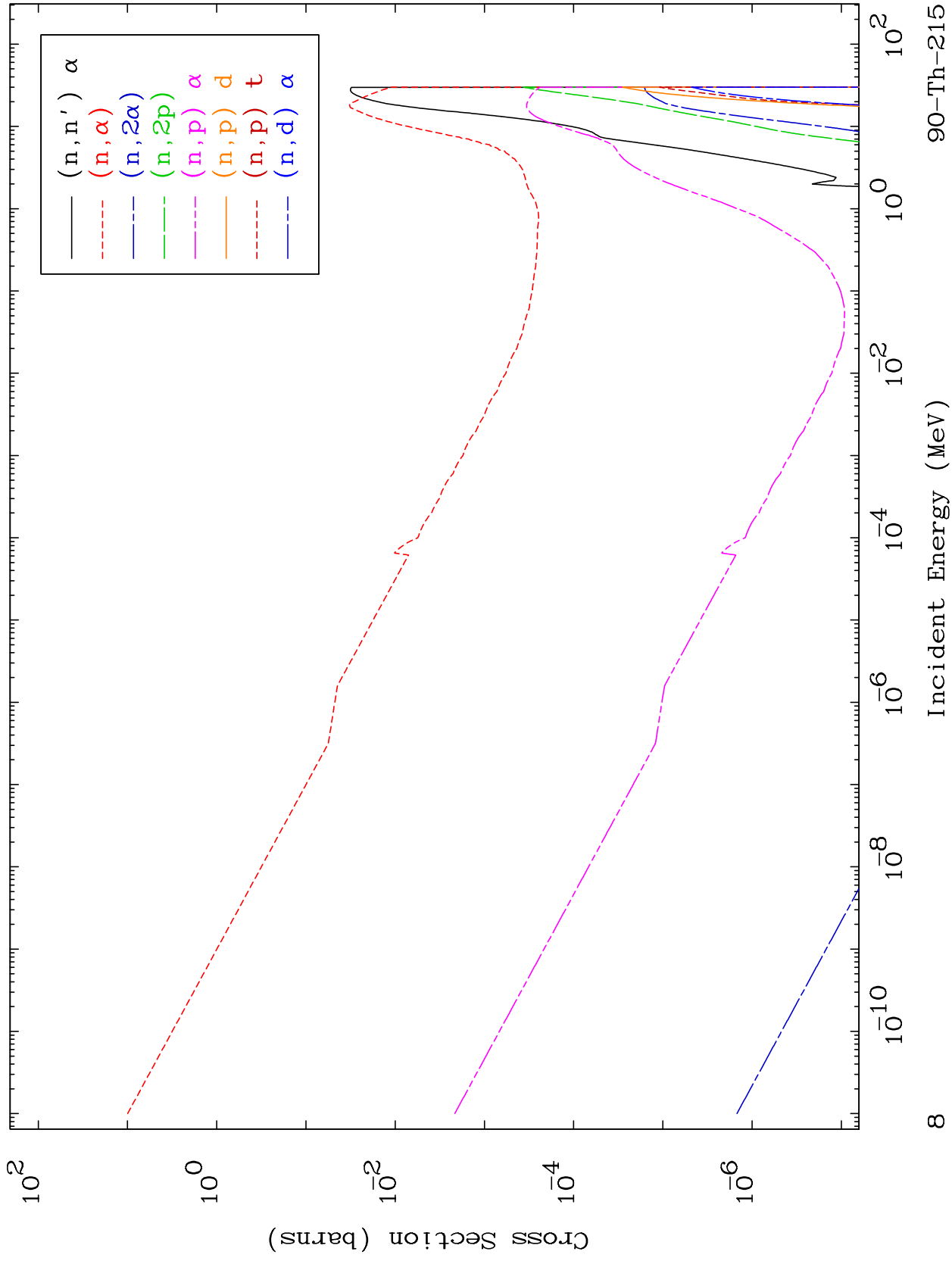
90-Th-215



MAT 8989

Charged Particle  
293 Kelvin Cross Sections

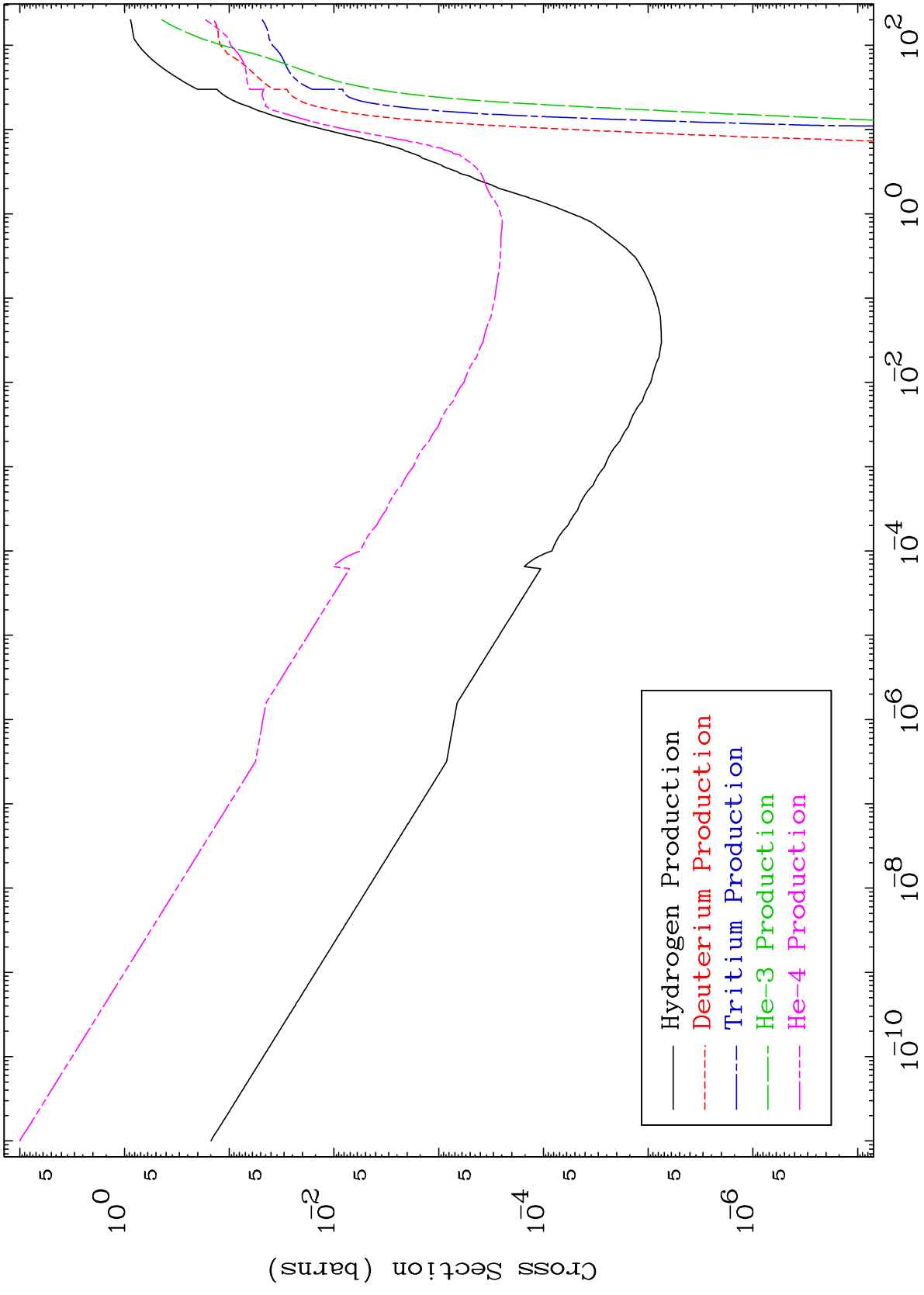
90-Th-215



MAT 8989

Particle Production  
293 Kelvin Cross Sections

90-Th-215

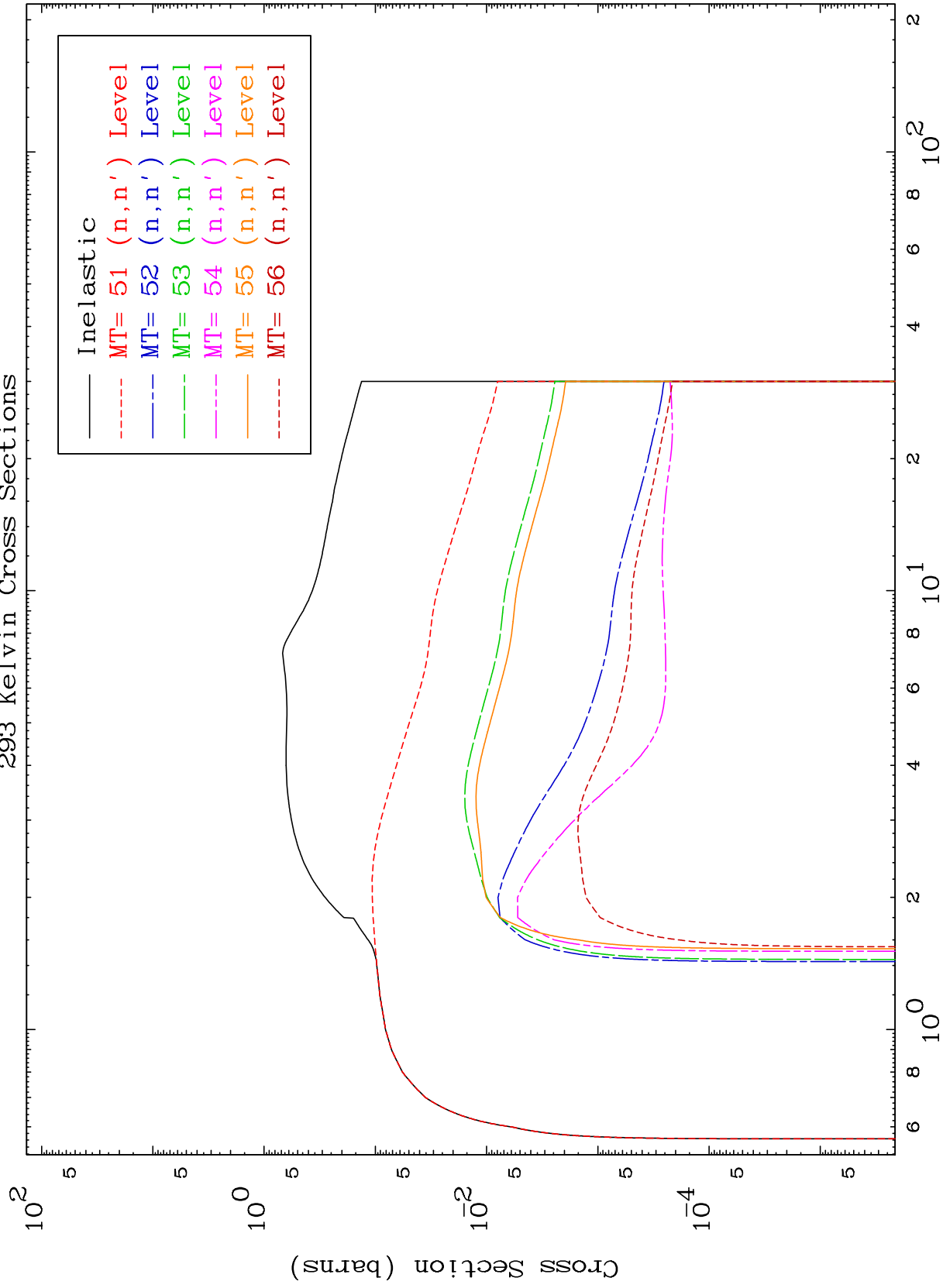


90-Th-215

MAT 8989

(n,n') Levels  
293 Kelvin Cross Sections

90-Th-215



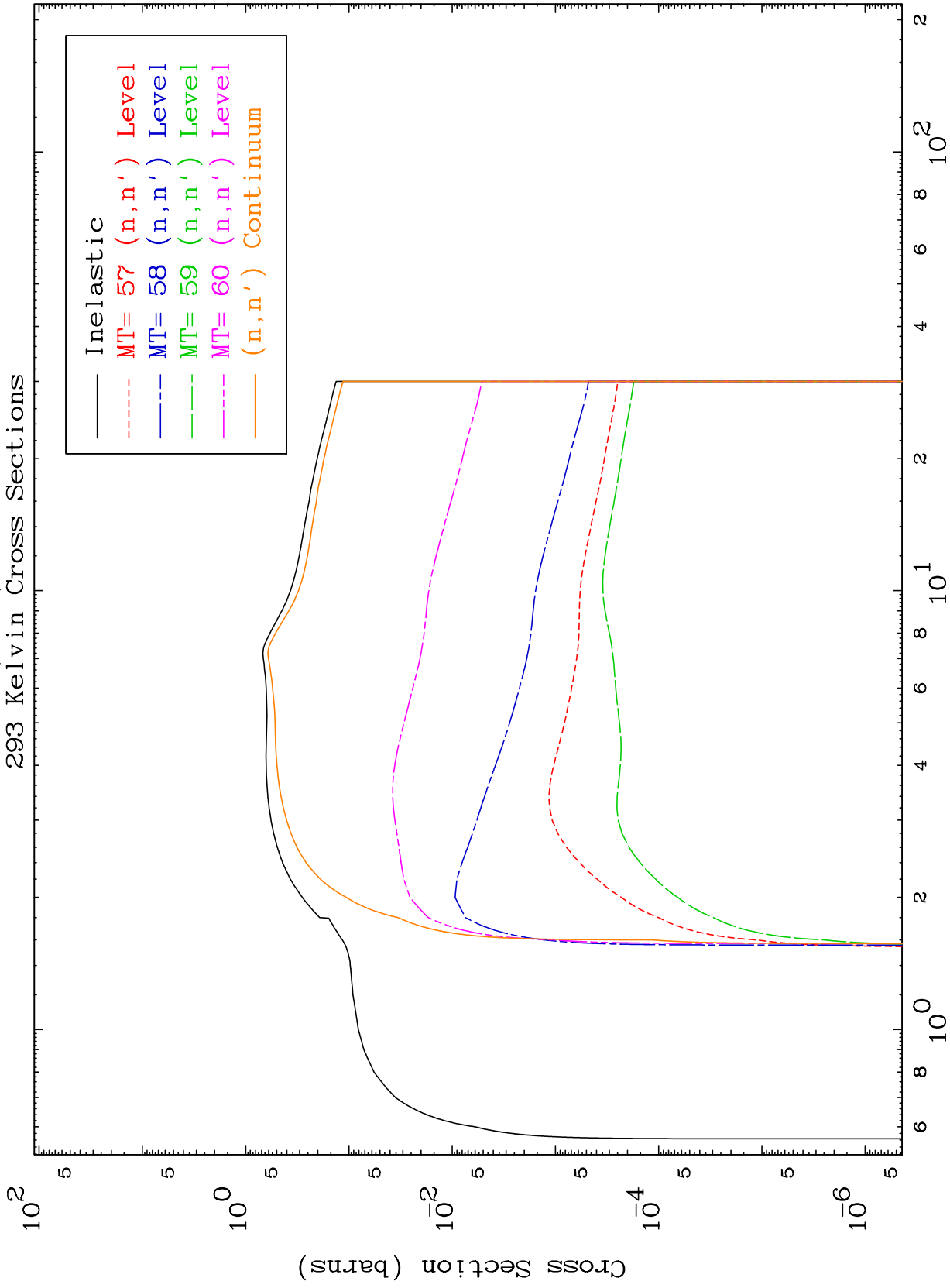
Incident Energy (MeV)

90-Th-215

MAT 8989

(n,n') Levels  
293 Kelvin Cross Sections

90-Th-215



11

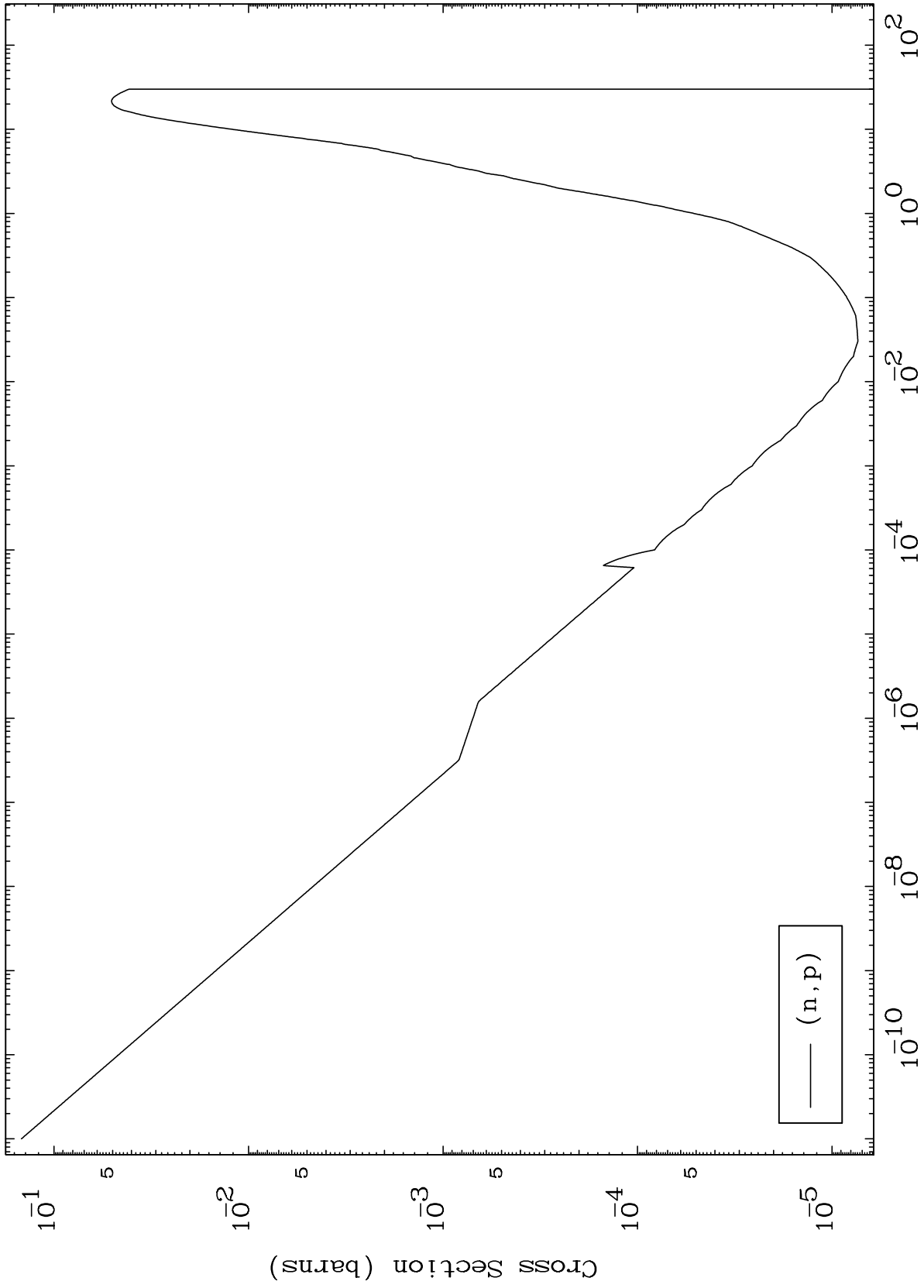
Incident Energy (MeV)

90-Th-215

MAT 8989

(n,p) Levels  
293 Kelvin Cross Sections

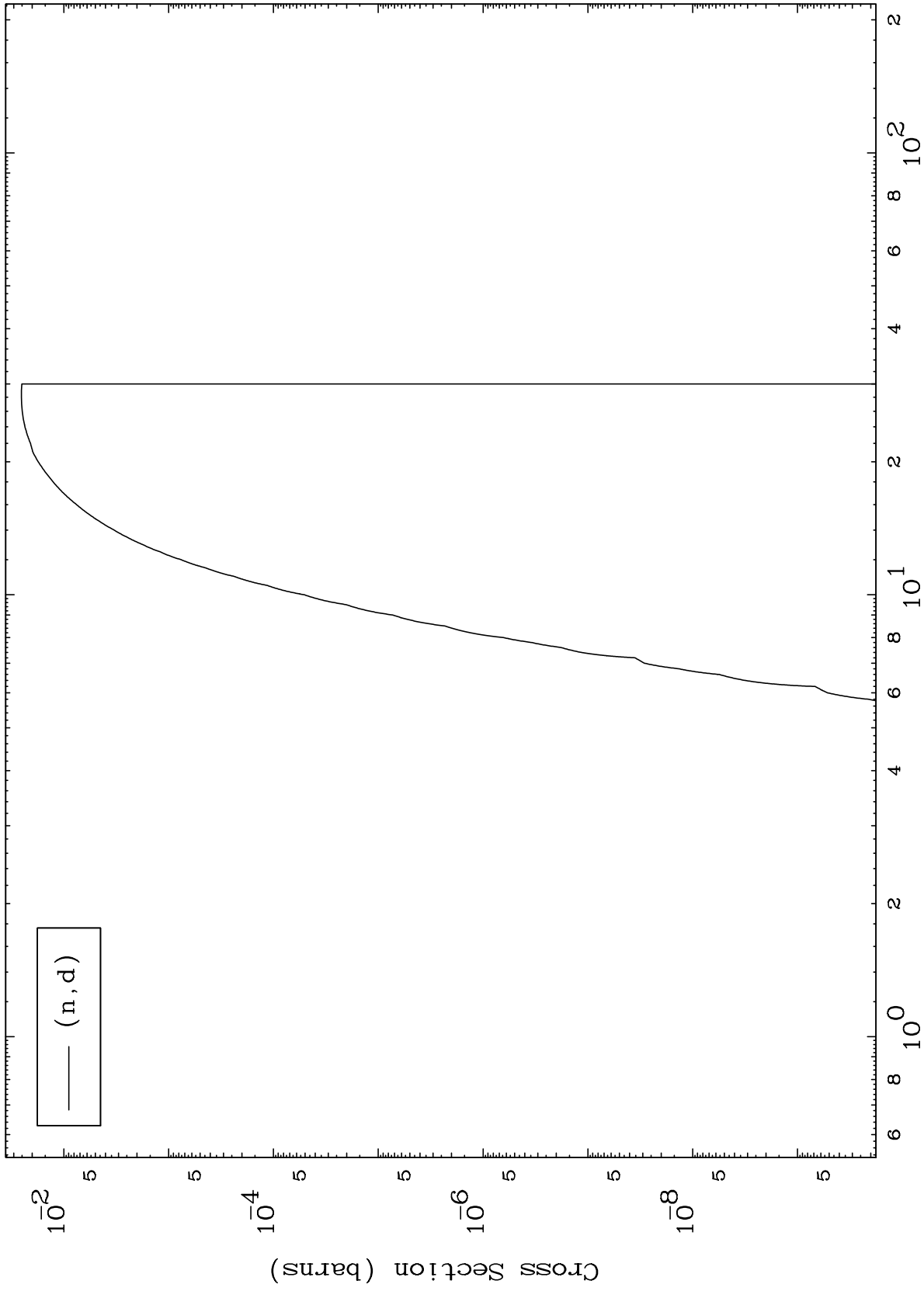
90-Th-215



MAT 8989

(n,d) Levels  
293 Kelvin Cross Sections

90-Th-215



13

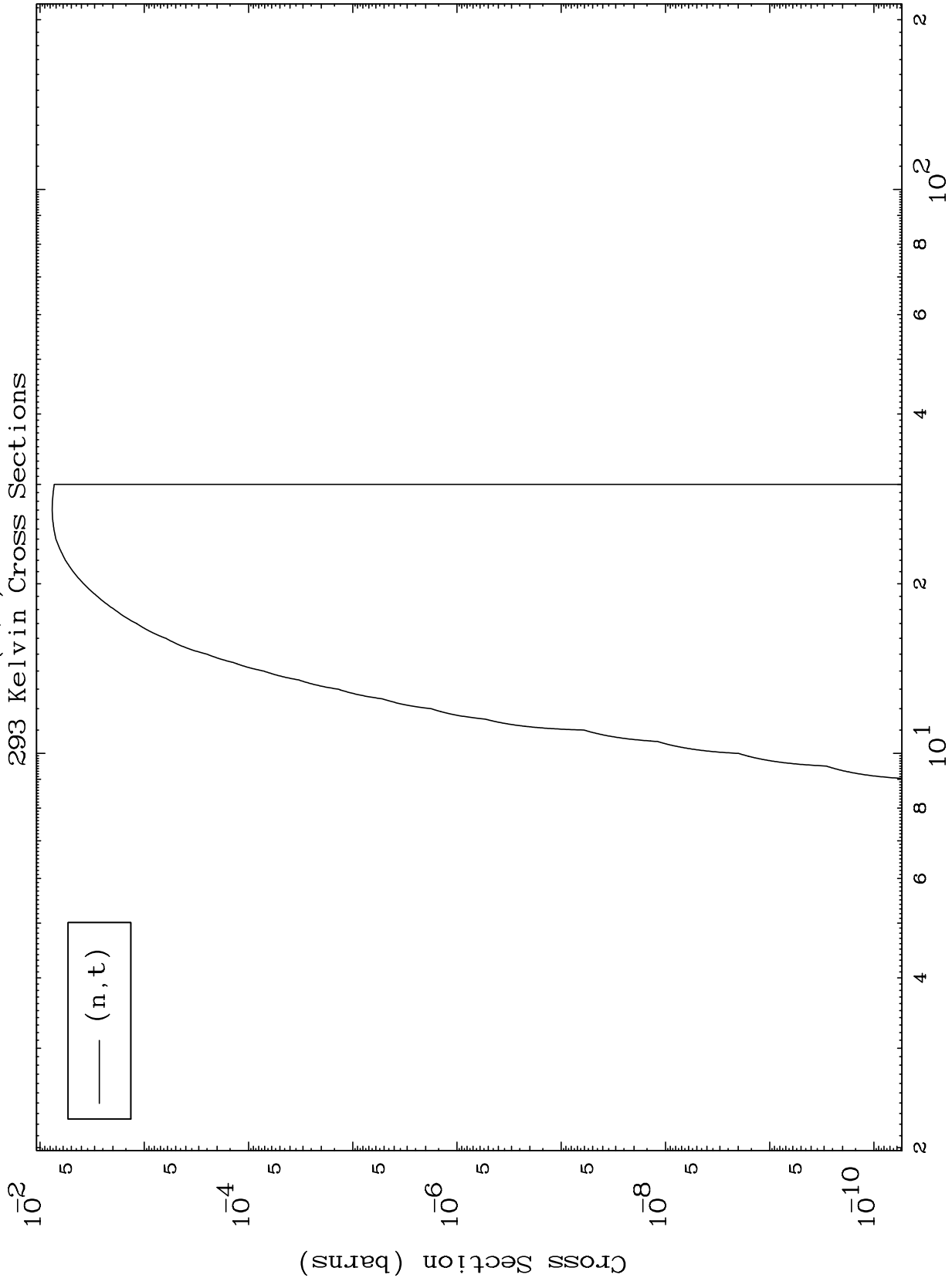
Incident Energy (MeV)

90-Th-215

MAT 8989

(n,t) Levels  
293 Kelvin Cross Sections

90-Th-215



14

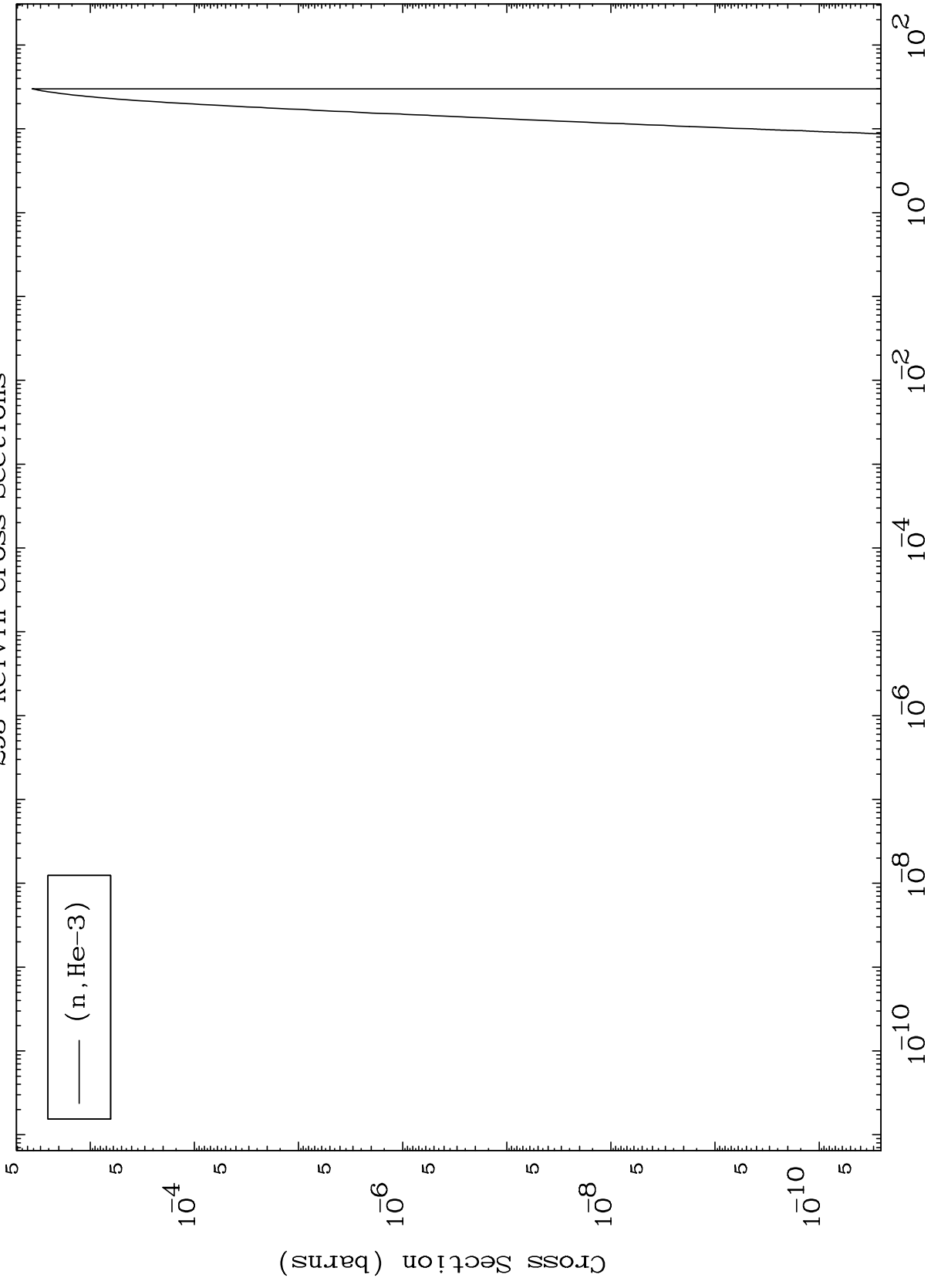
Incident Energy (MeV)

90-Th-215

MAT 8989

(n,He3) Levels  
293 Kelvin Cross Sections

90-Th-215

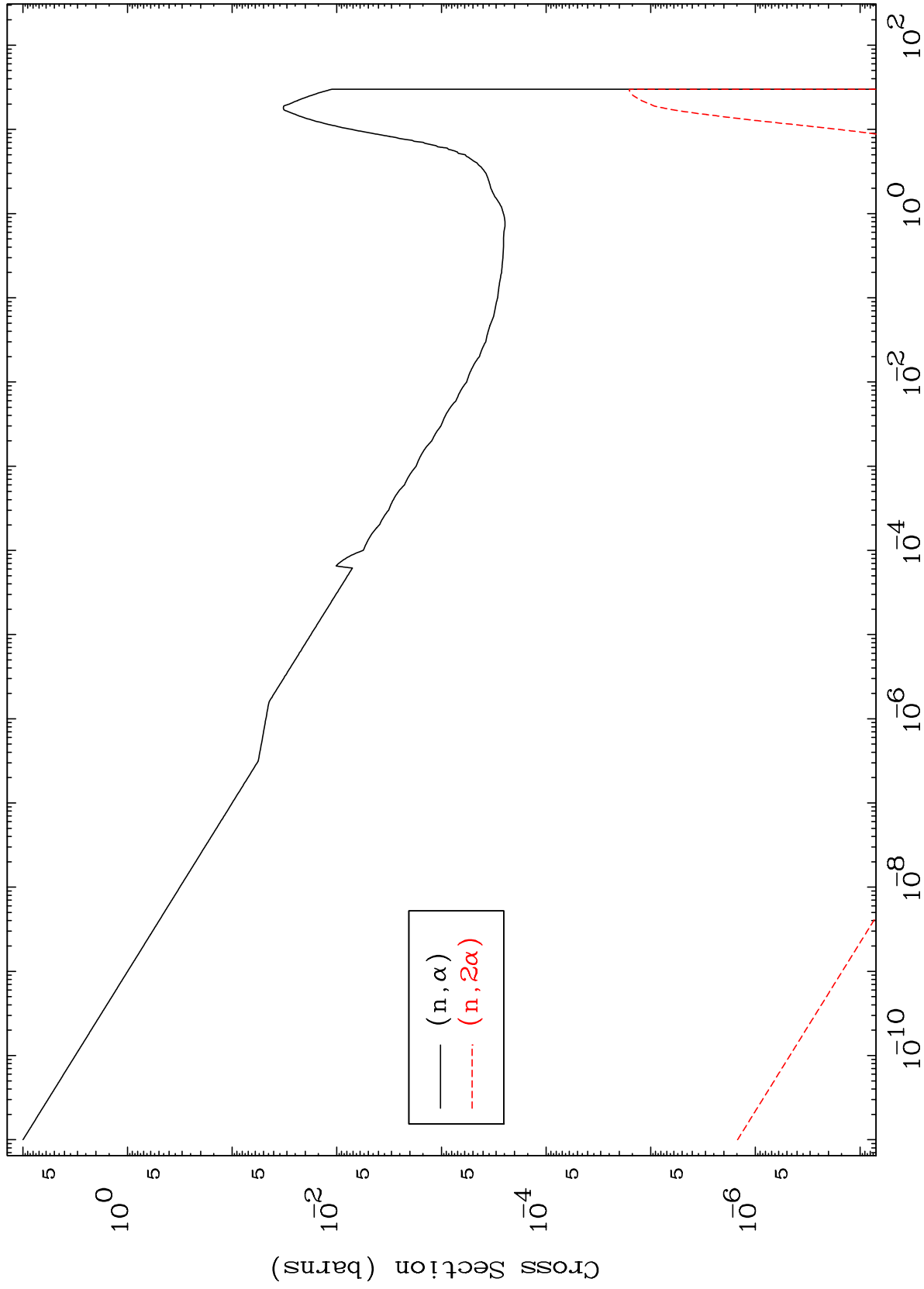




MAT 8989

(n,α) Levels  
293 Kelvin Cross Sections

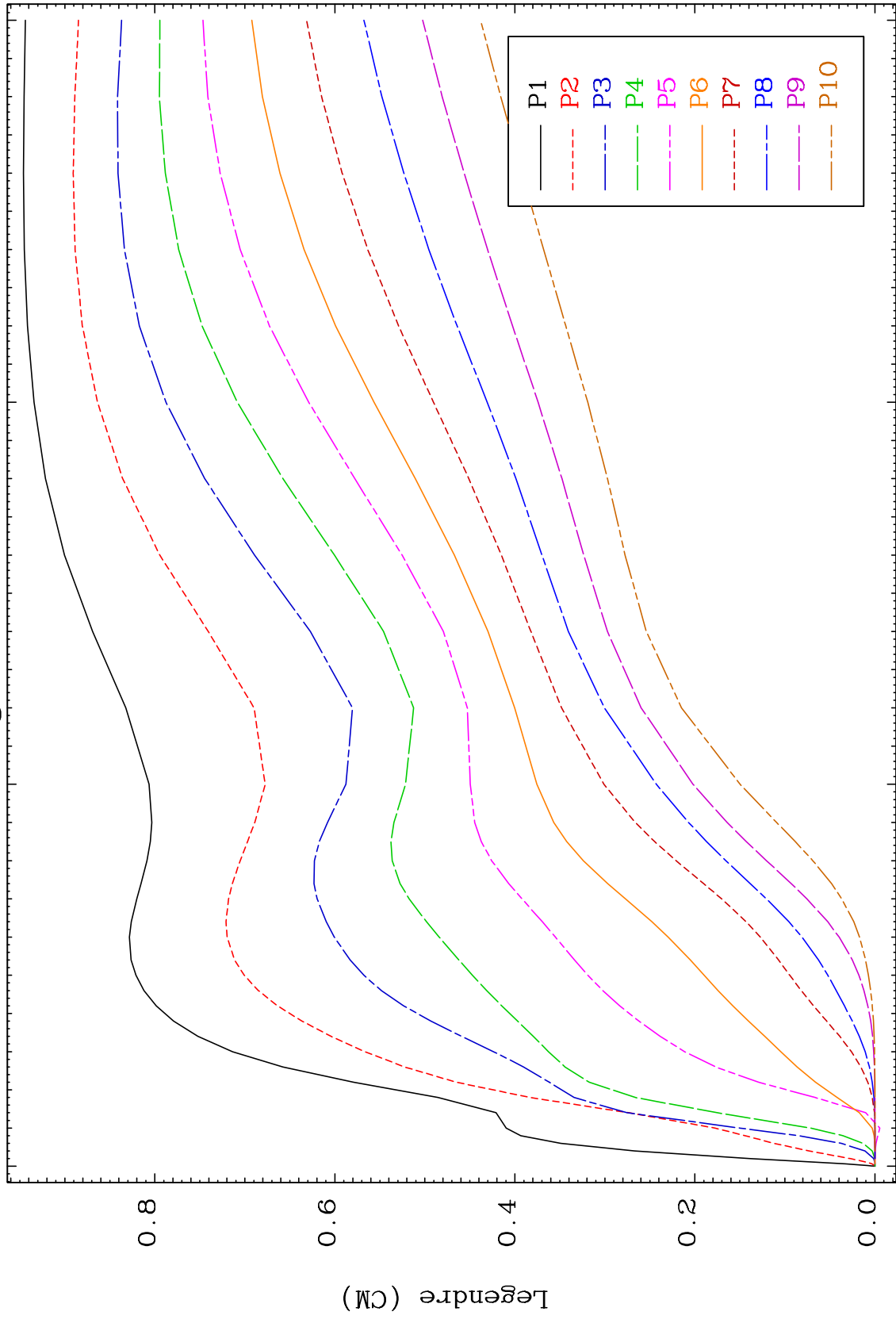
90-Th-215



MAT 8989

Elastic Legendre Coefficients

<sup>90</sup>Th-215



17

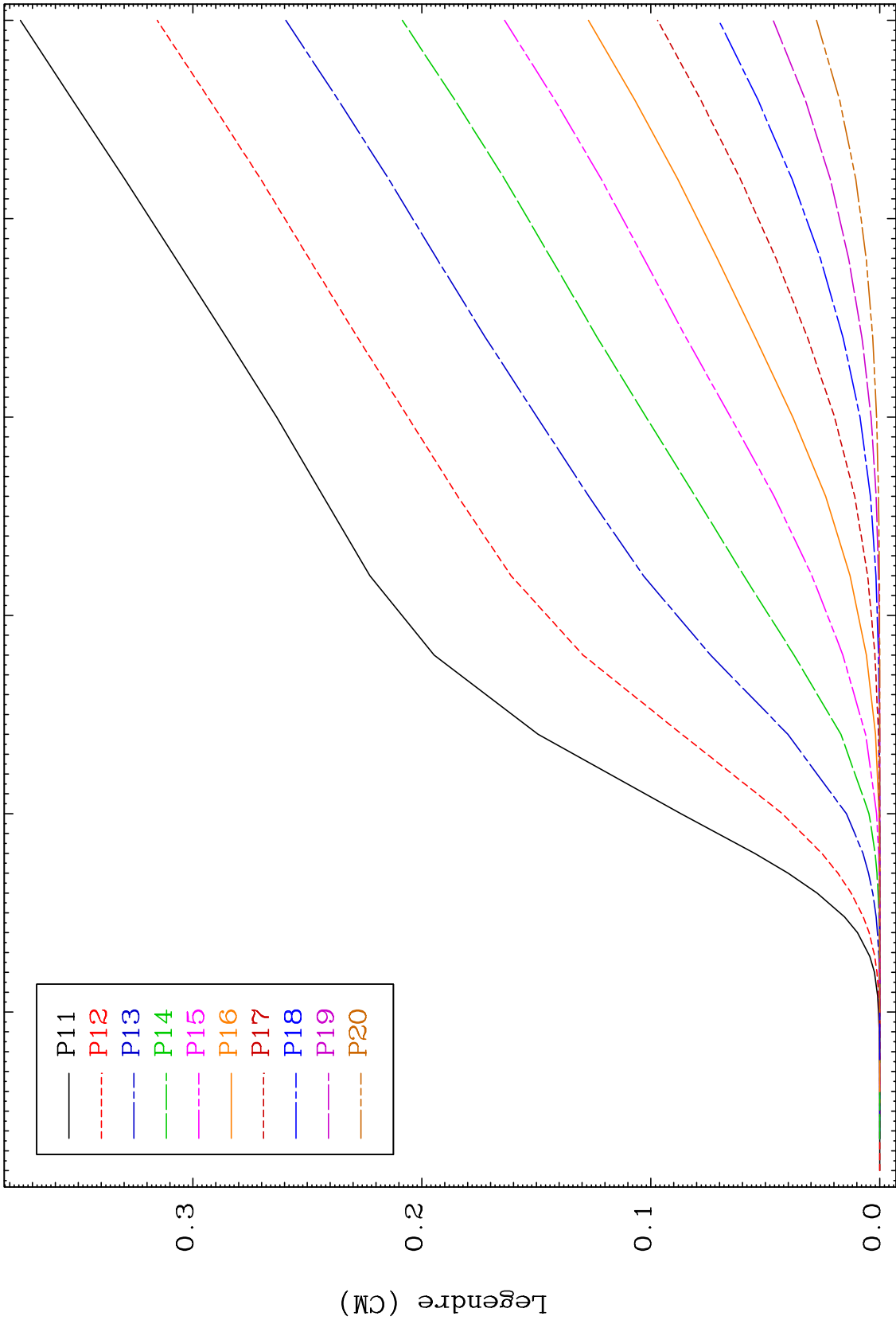
Incident Energy (MeV)

<sup>90</sup>Th-215

MAT 8989

Elastic Legendre Coefficients

90-Th-215



18

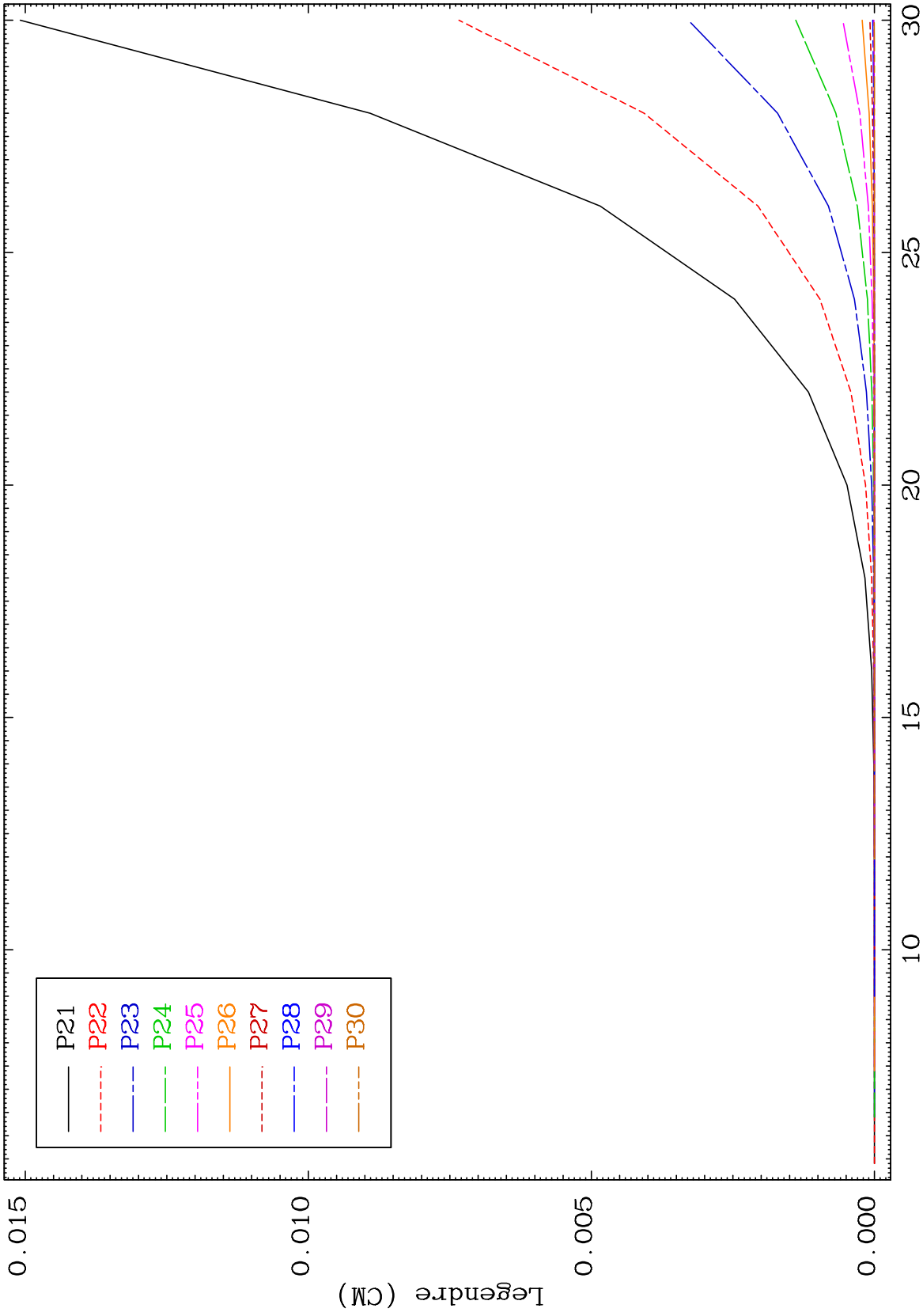
Incident Energy (MeV)

90-Th-215

MAT 8989

Elastic  
Legendre Coefficients

90-Th-215



19

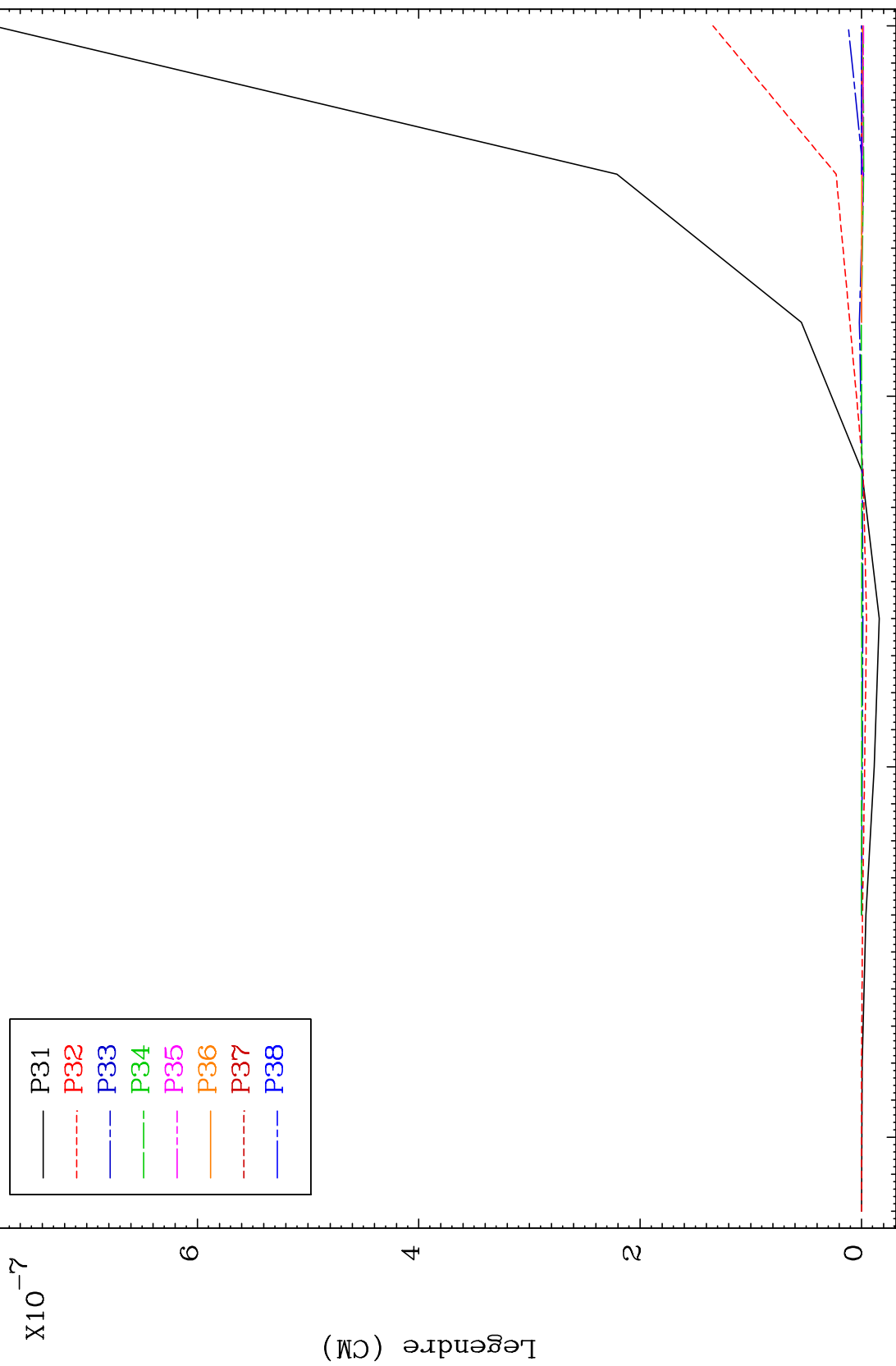
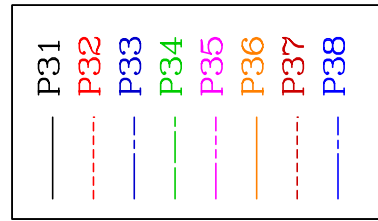
Incident Energy (MeV)

90-Th-215

MAT 8989

Elastic Legendre Coefficients

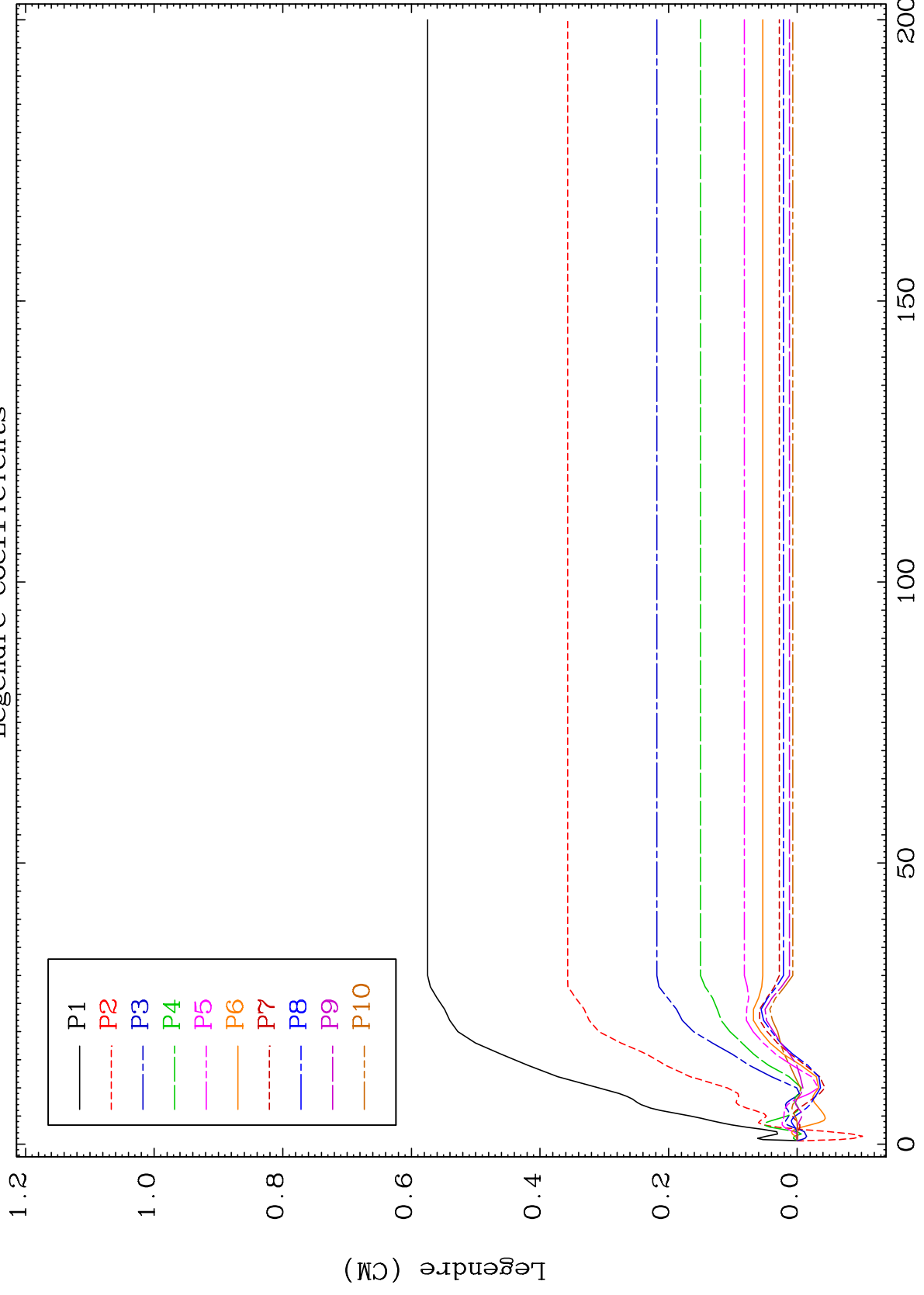
90-Th-215



MAT 8989

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

90-Th-215



21

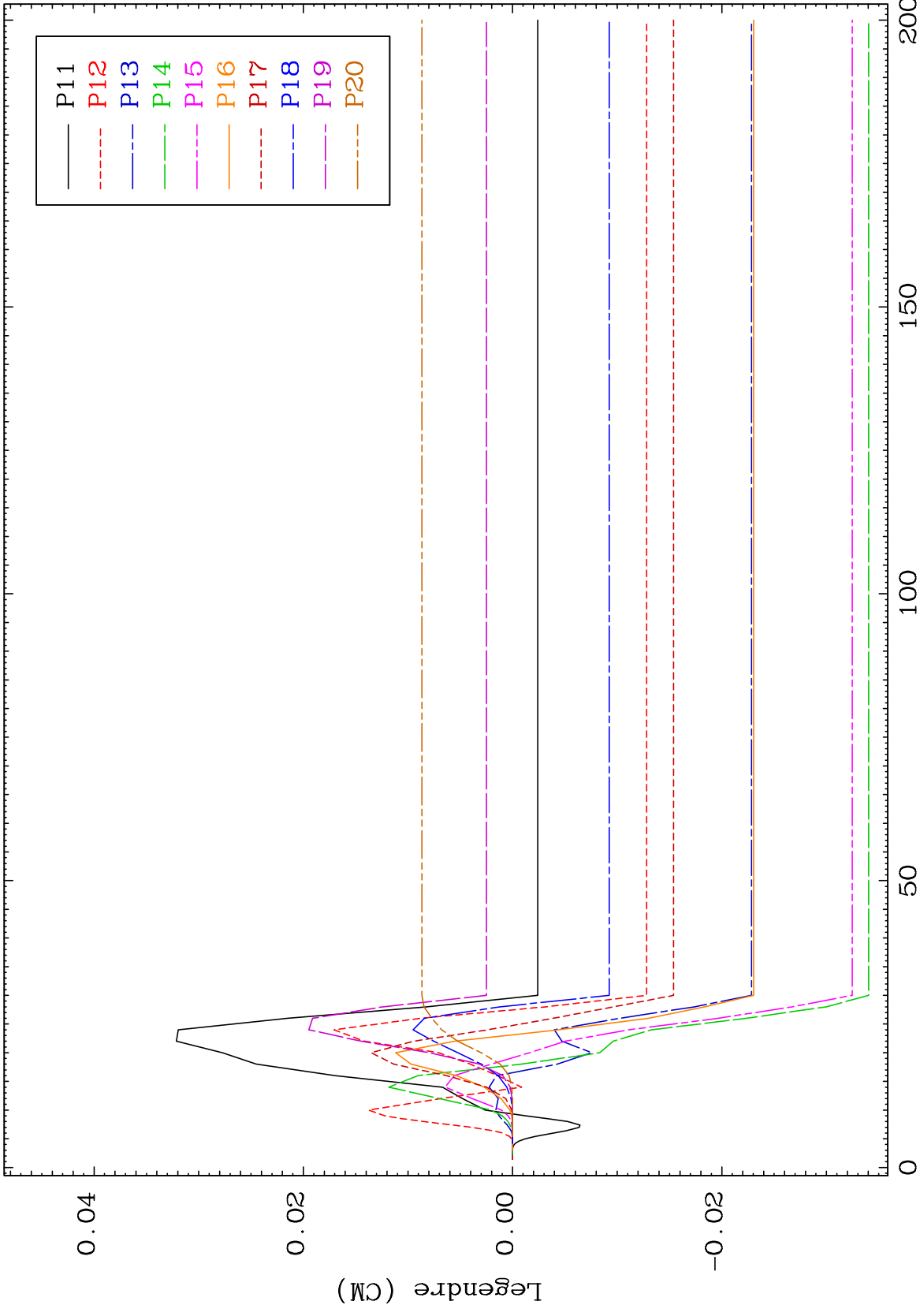
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



22

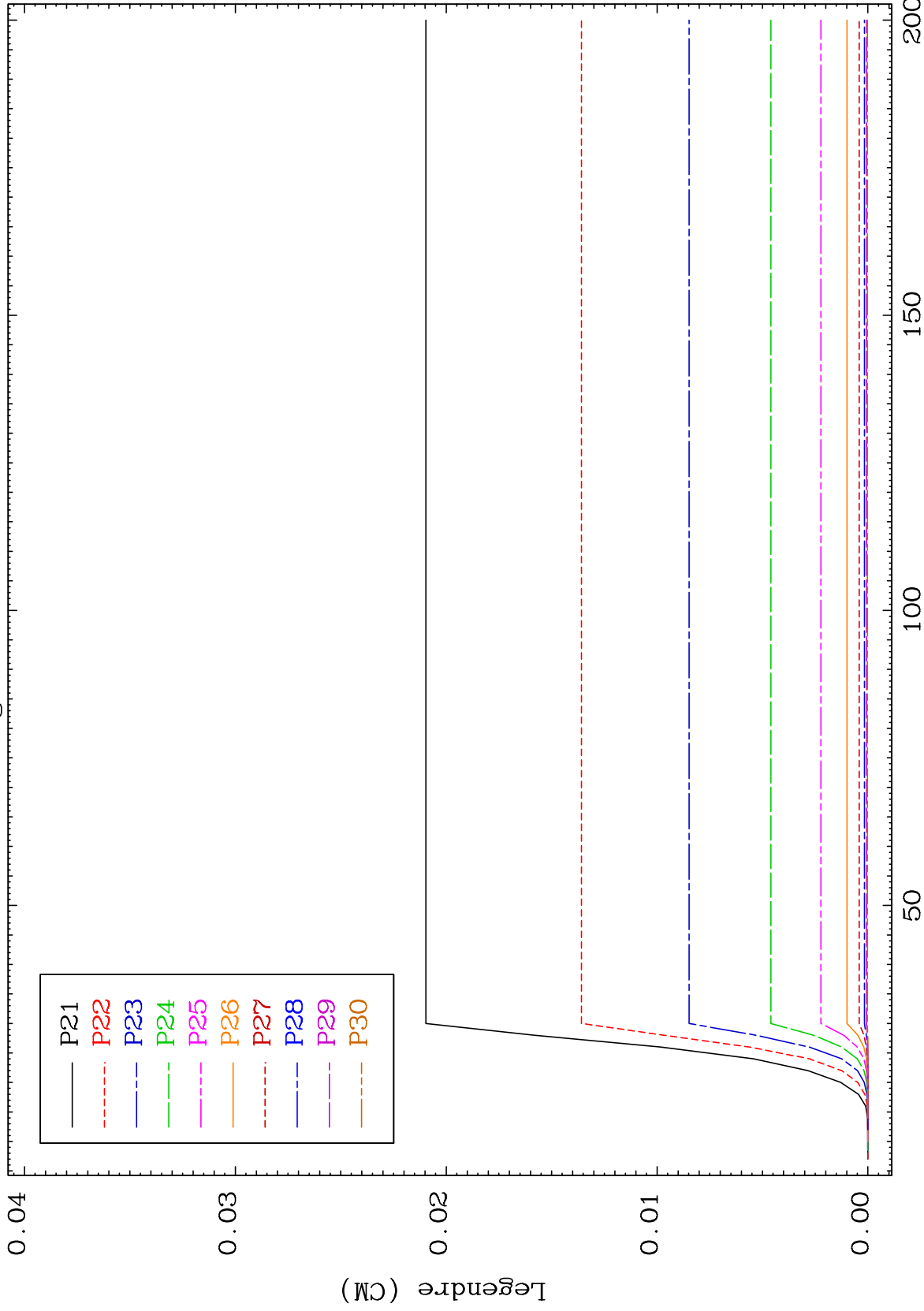
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



23

Incident Energy (MeV)

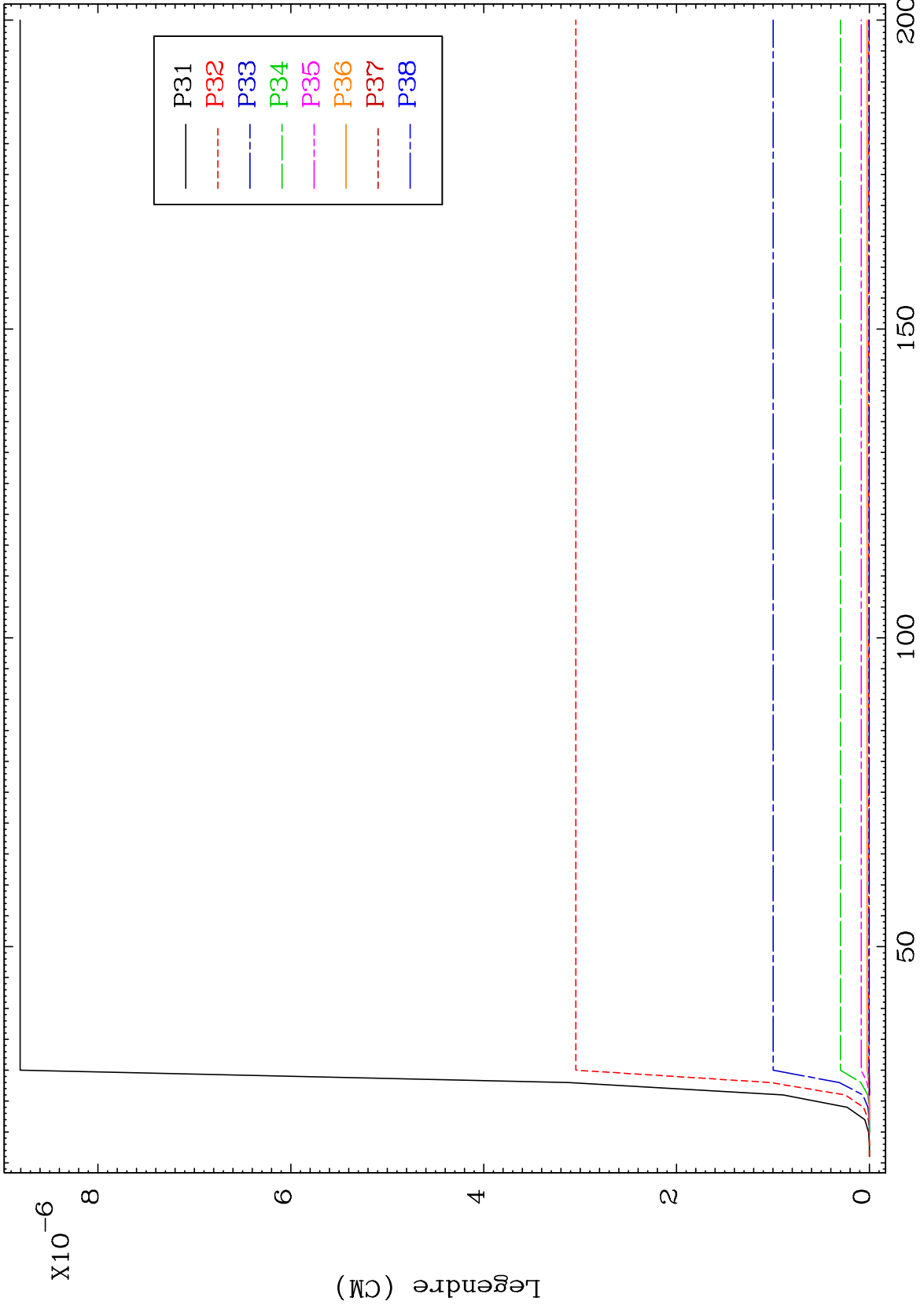
90-Th-215



MAT 8989

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

90-Th-215

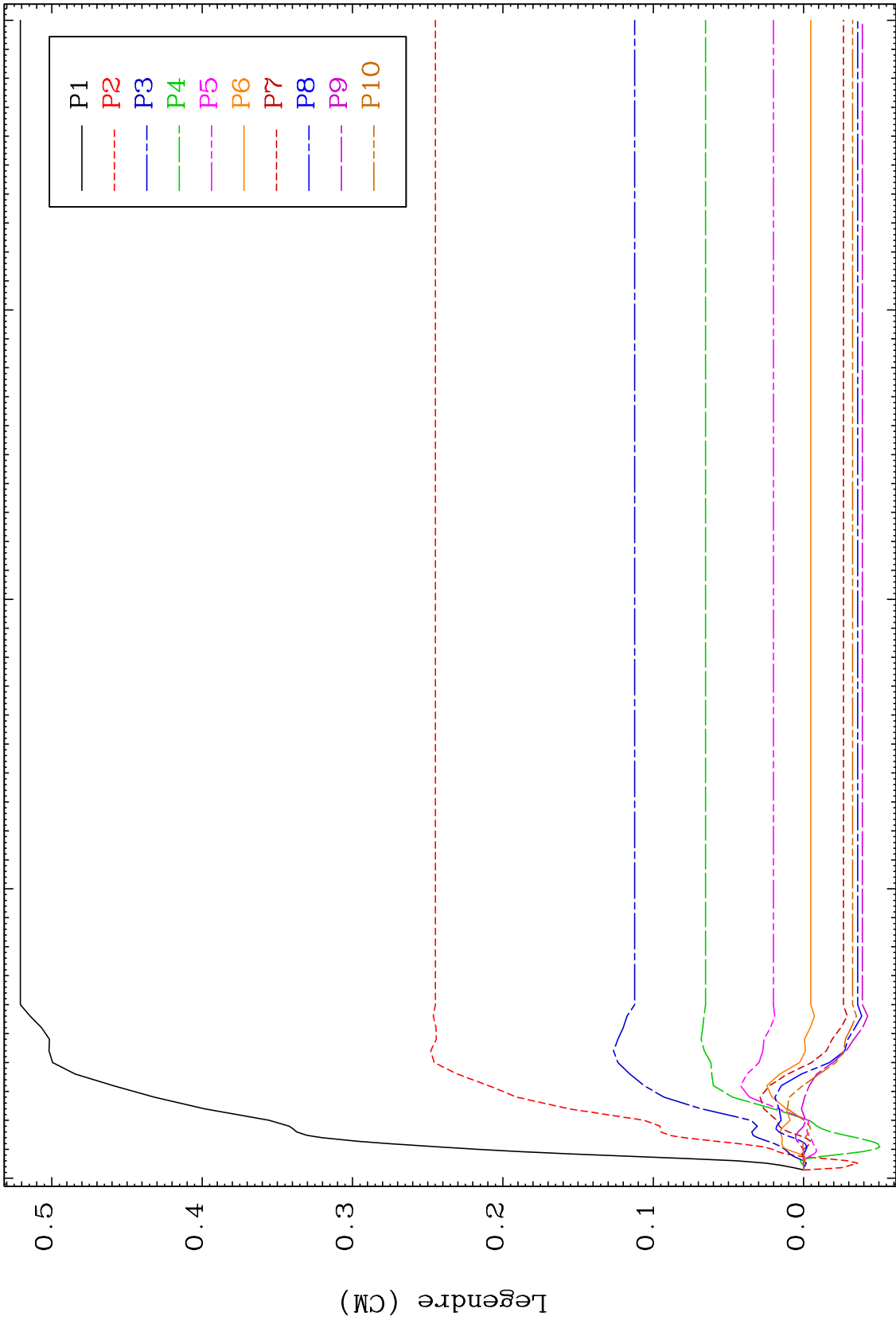


24

Incident Energy (MeV)

90-Th-215

MAT 8989 MT= 52 (n,n') Level Legendre Coefficients 90-Th-215

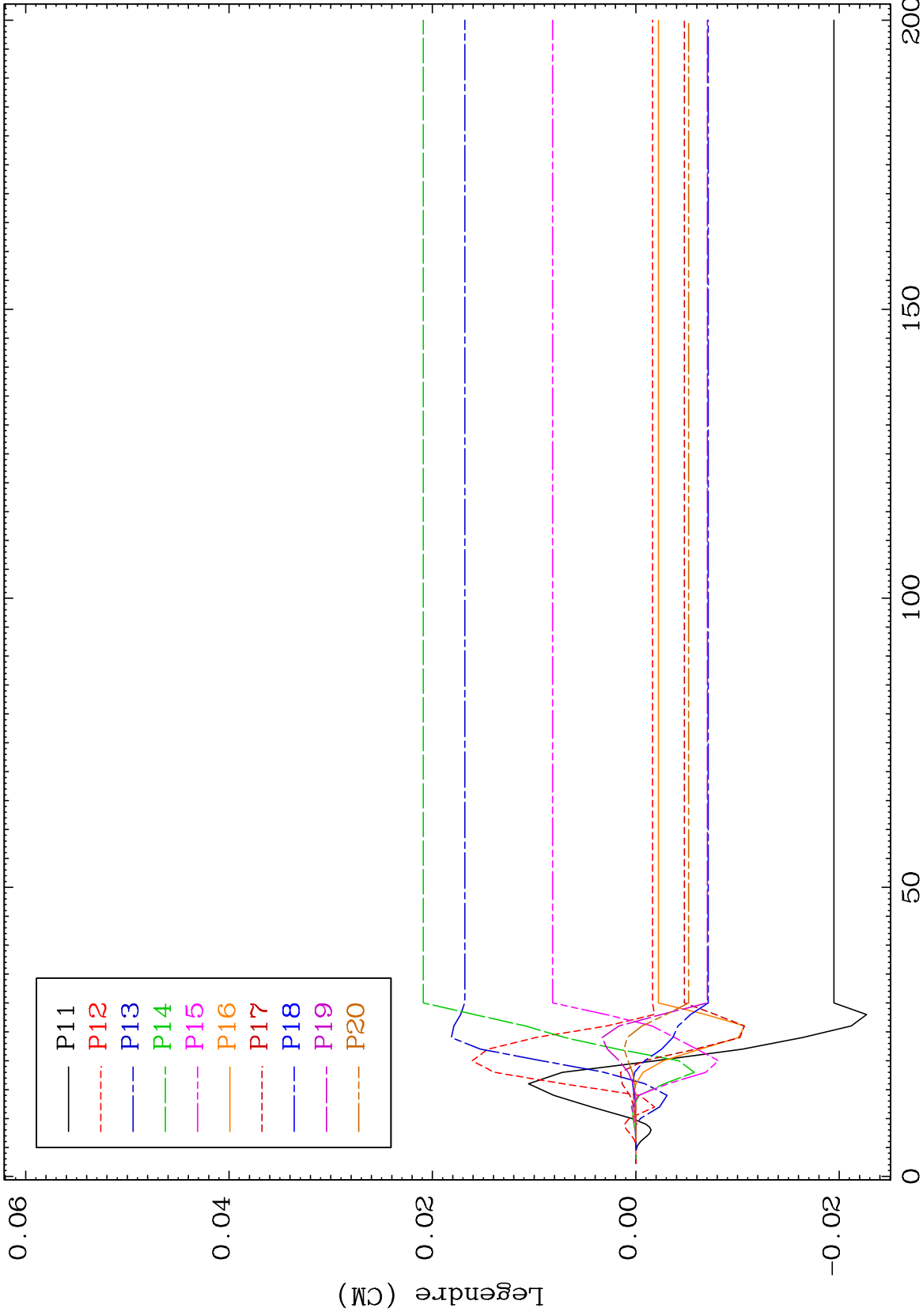


Incident Energy (MeV) 90-Th-215

MAT 8989

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

90-Th-215



26

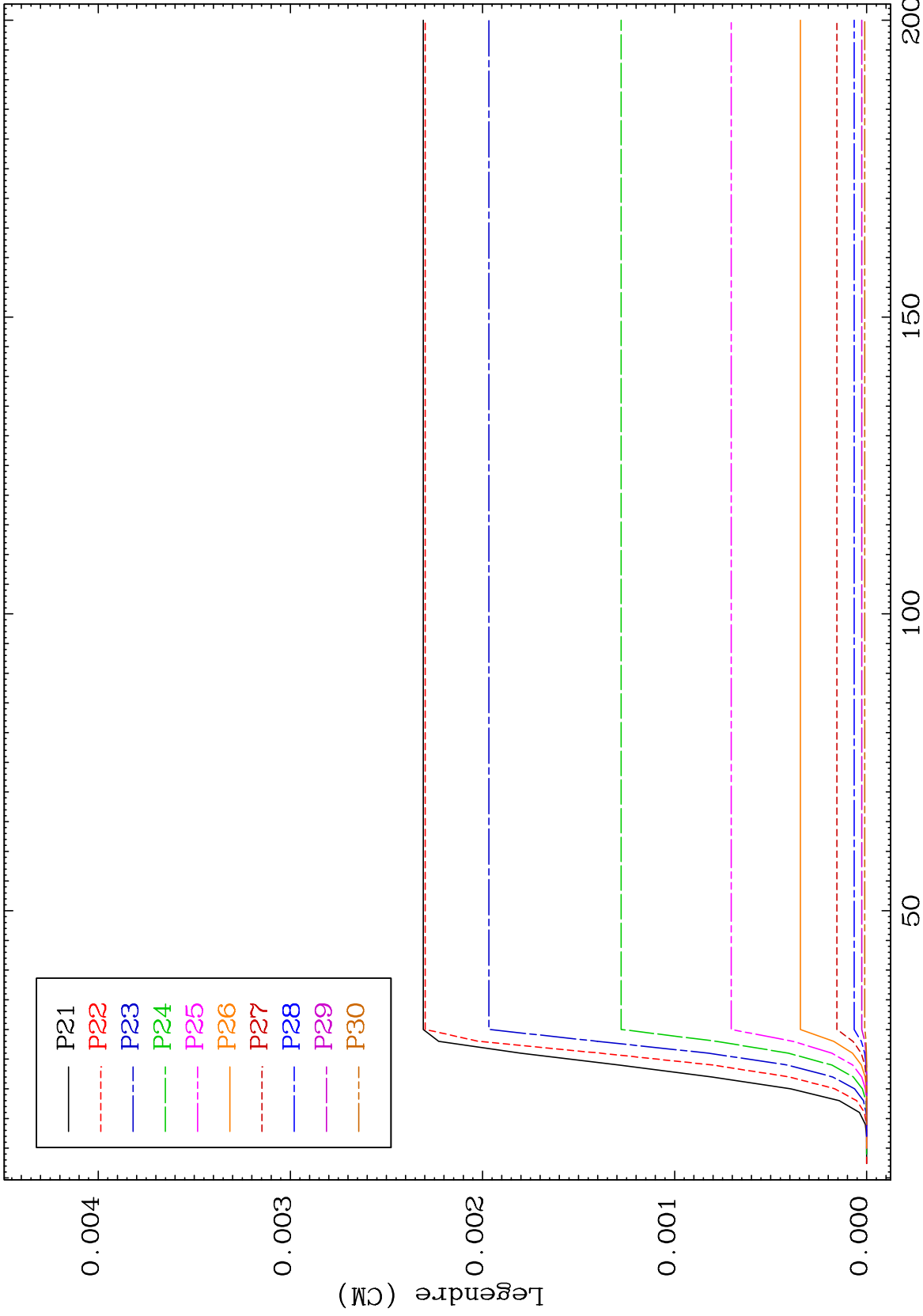
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



27

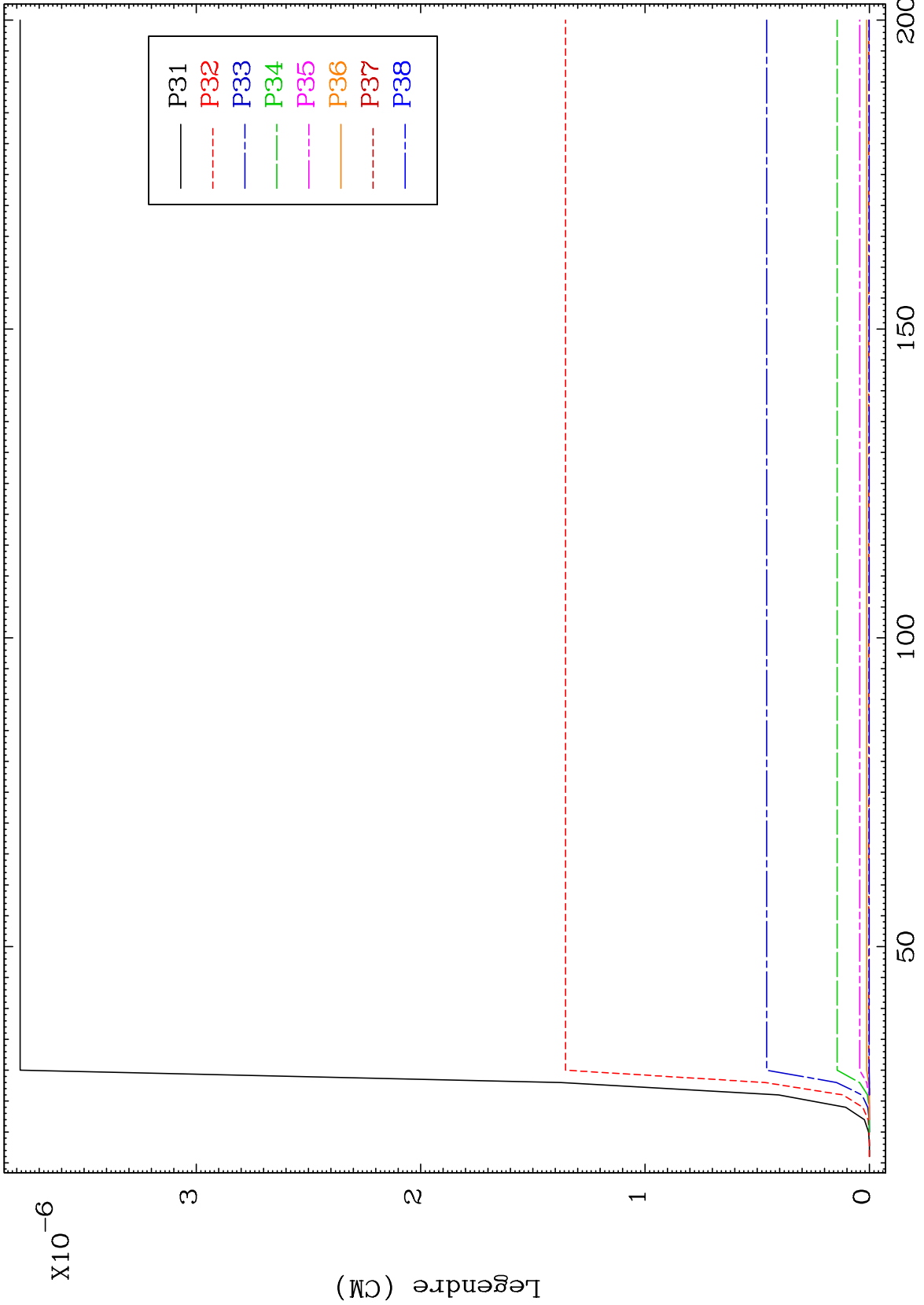
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



28

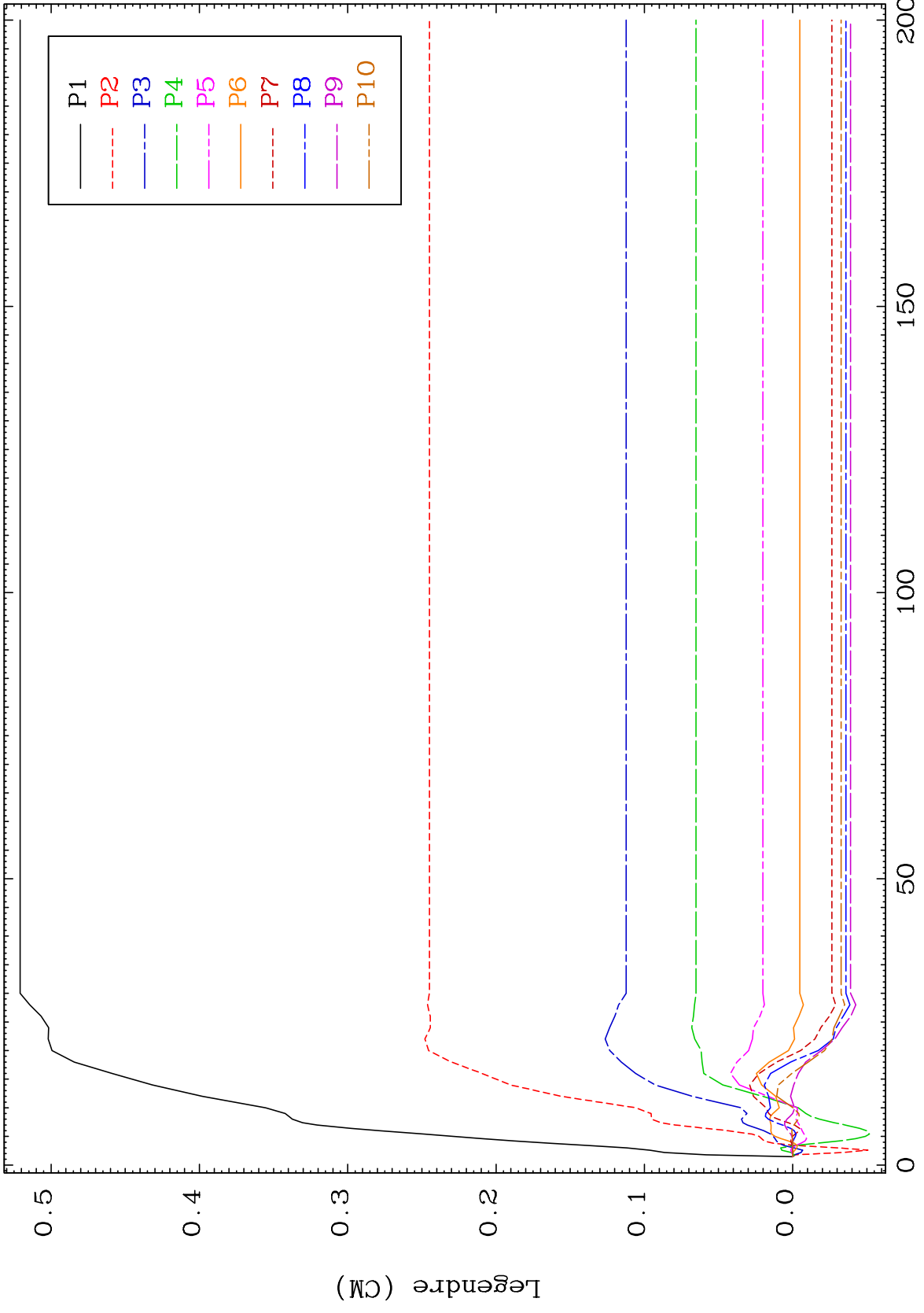
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



29

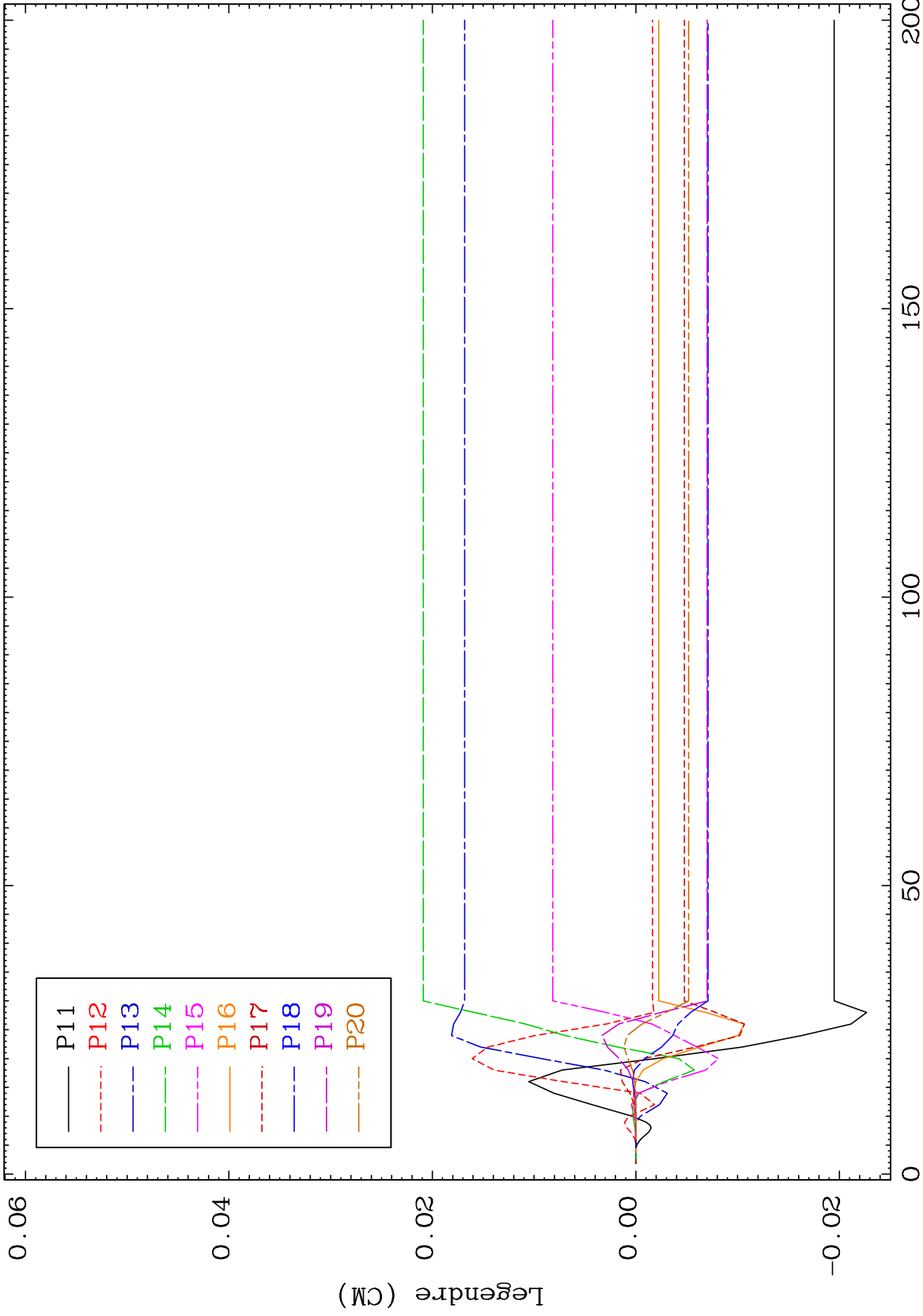
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



30

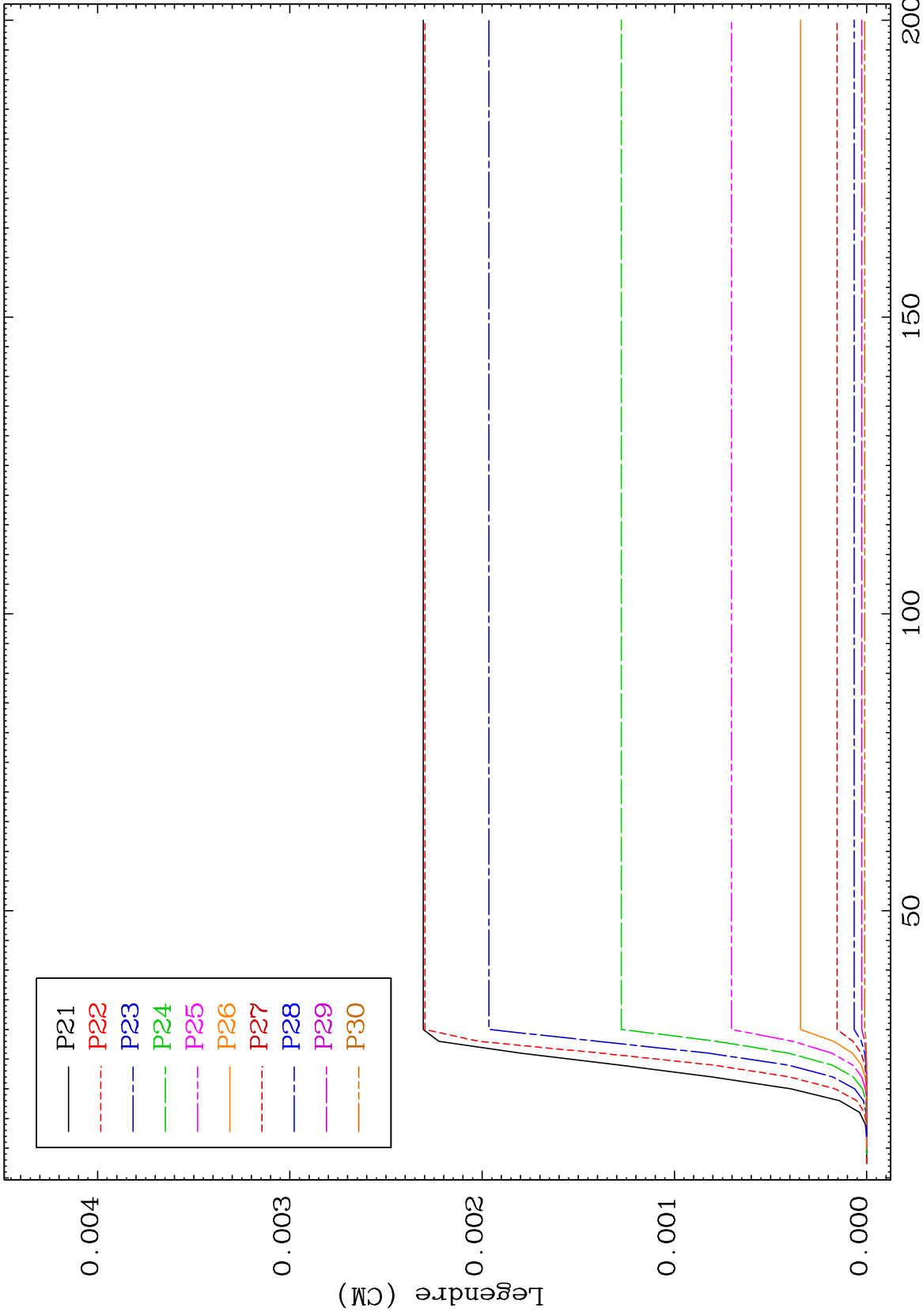
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



31

Incident Energy (MeV)

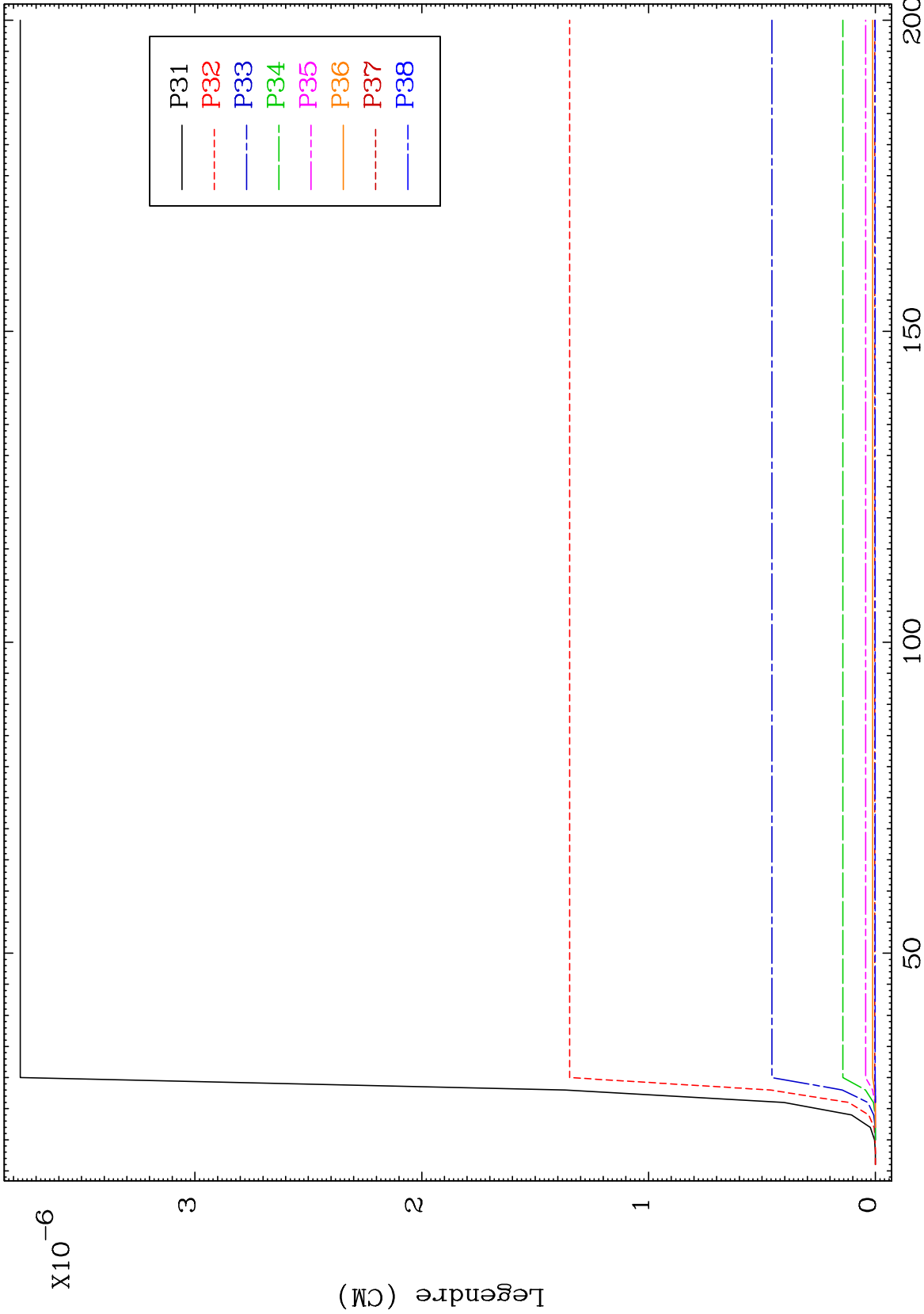
90-Th-215



MAT 8989

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

90-Th-215



32

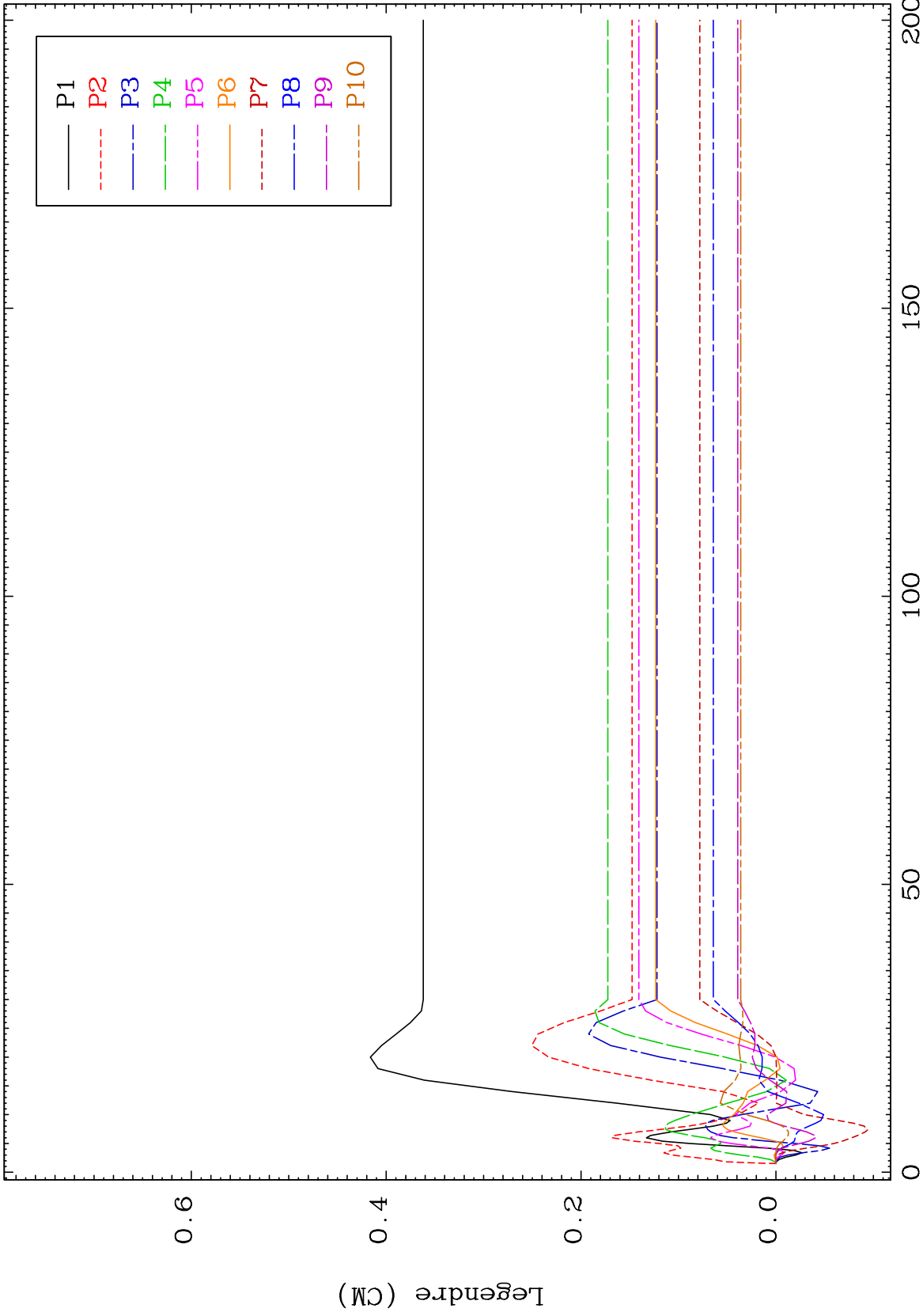
Incident Energy (MeV)

90-Th-215

MAT 8989

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

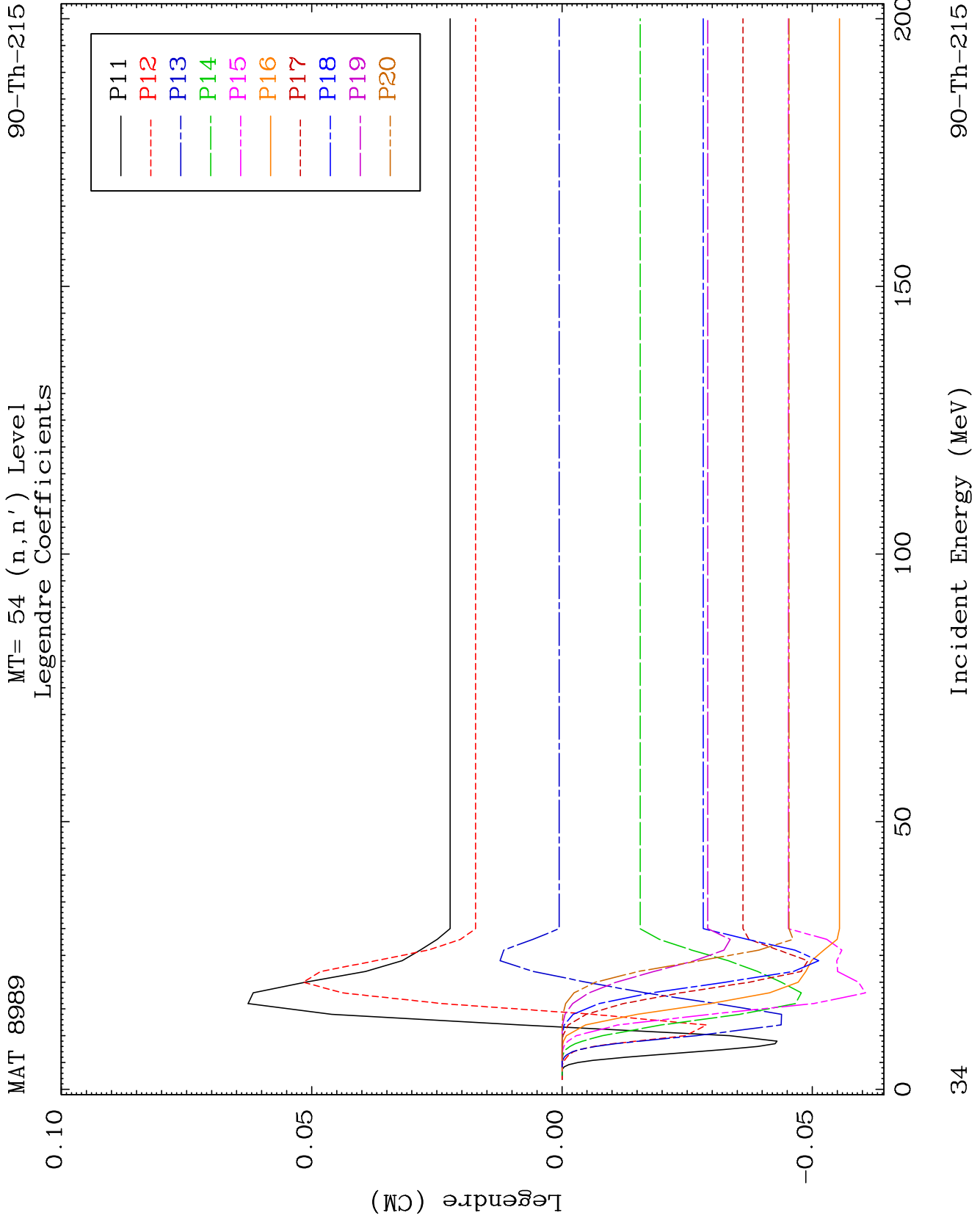
90-Th-215



33

Incident Energy (MeV)

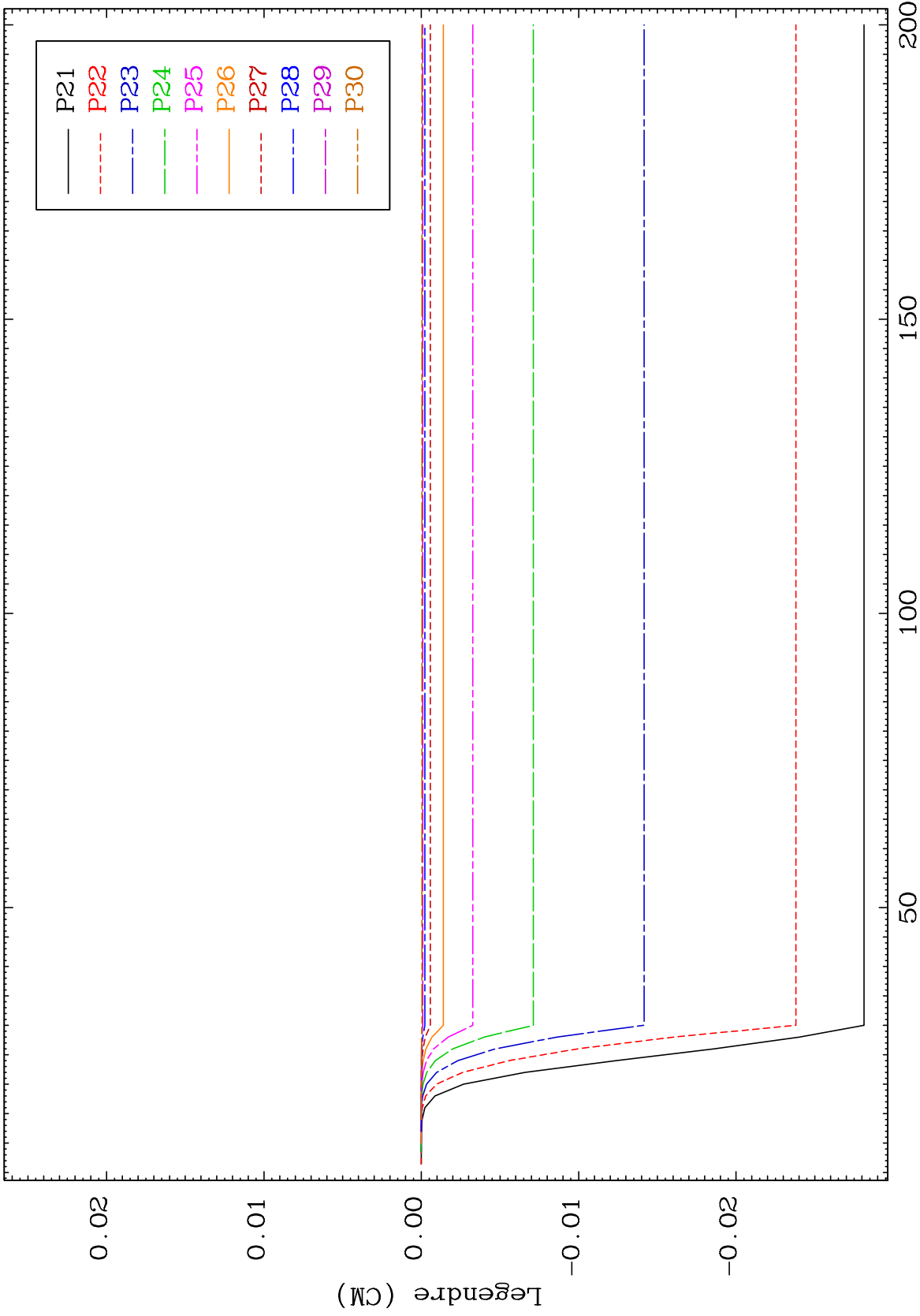
90-Th-215



MAT 8989

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

90-Th-215



35

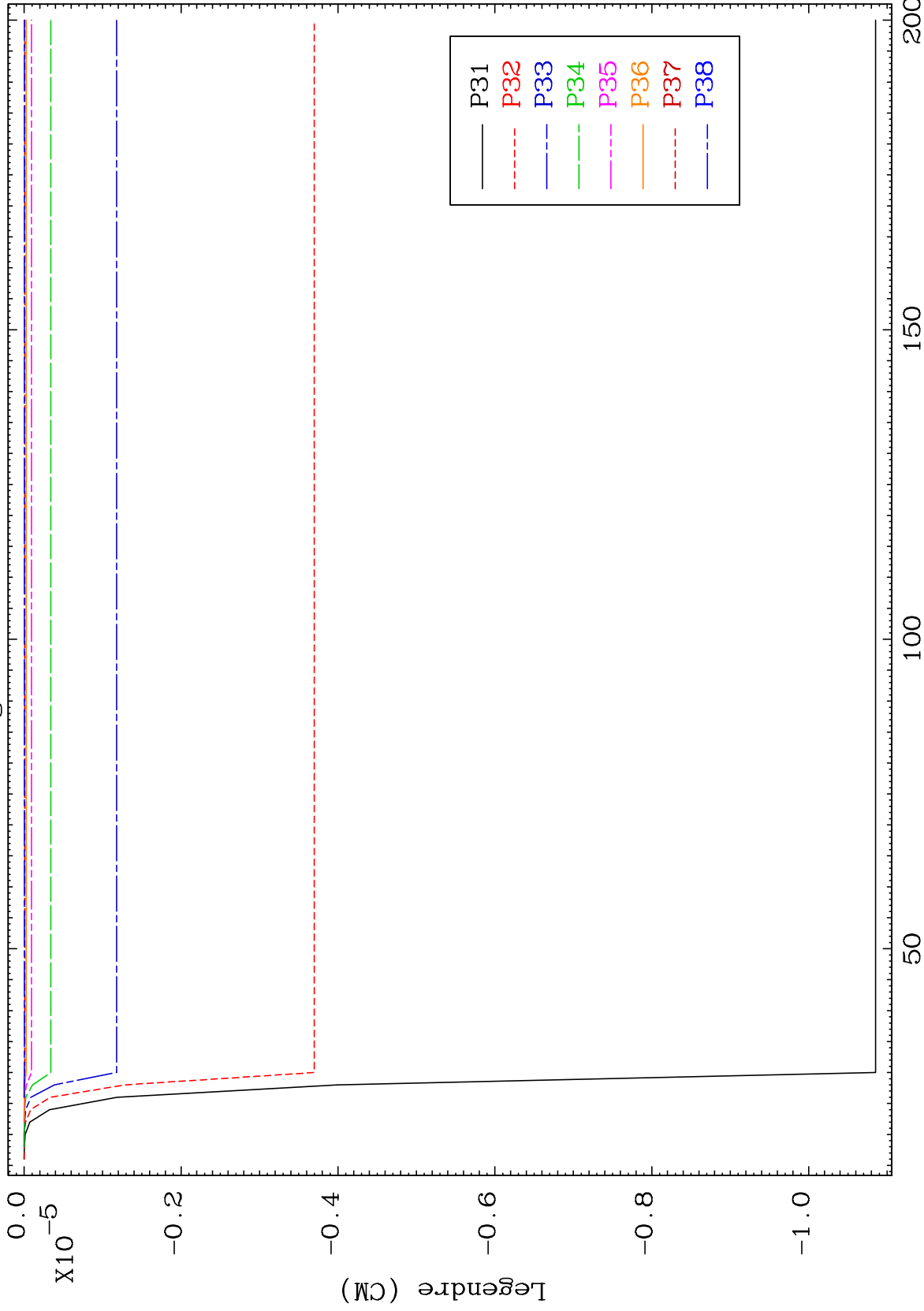
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



90-Th-215

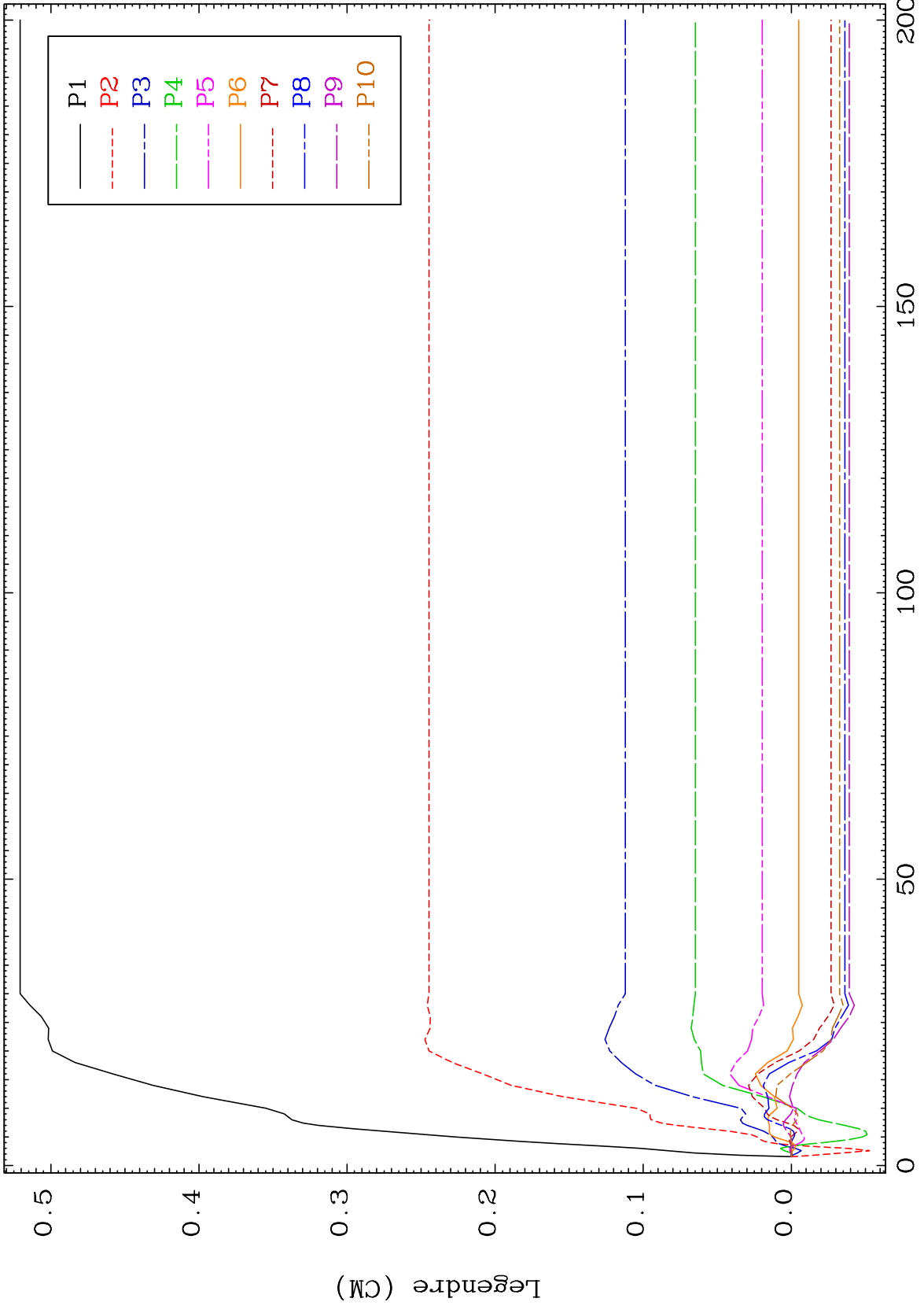
Incident Energy (MeV)

36

MAT 8989

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

90-Th-215



37

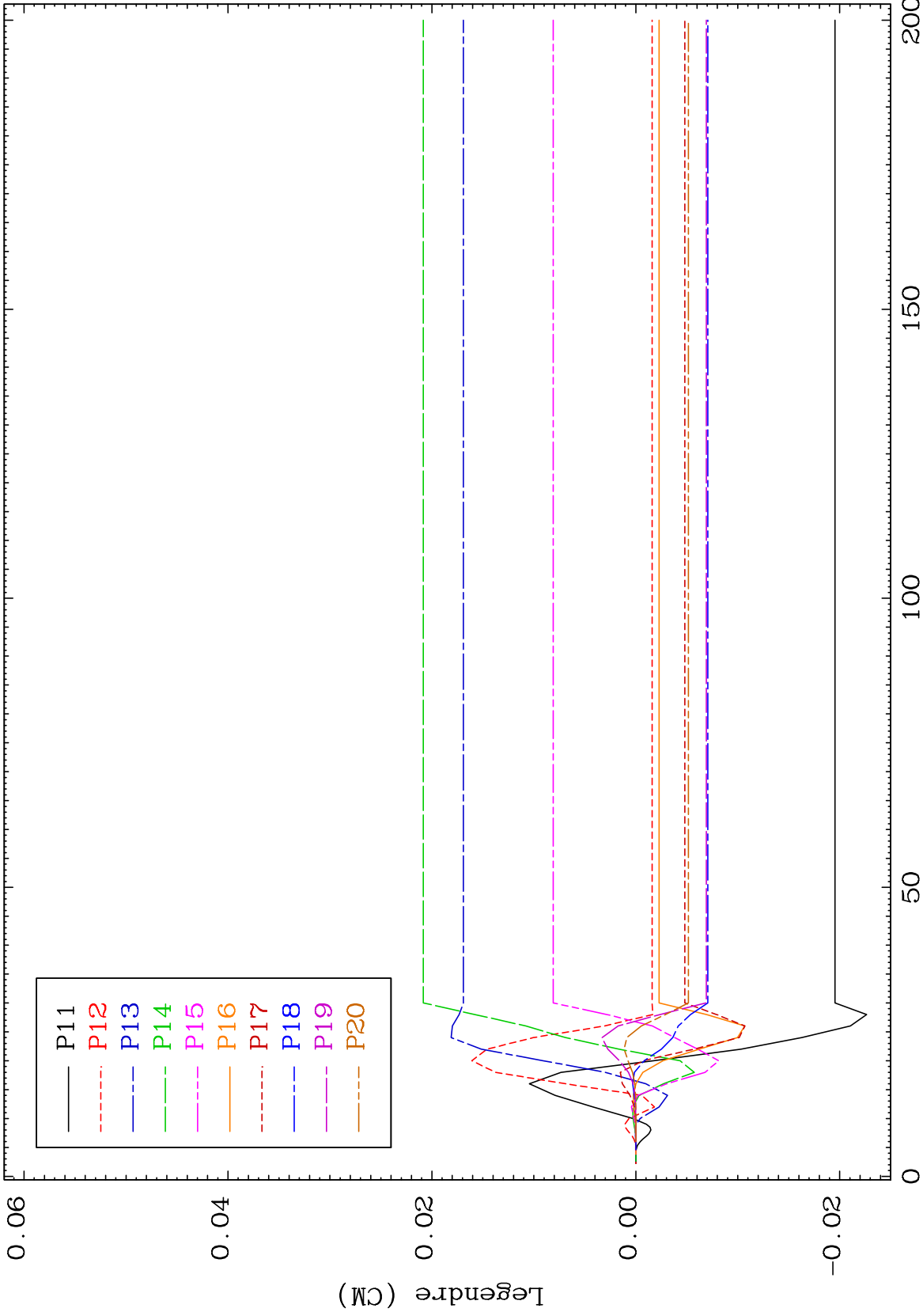
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



38

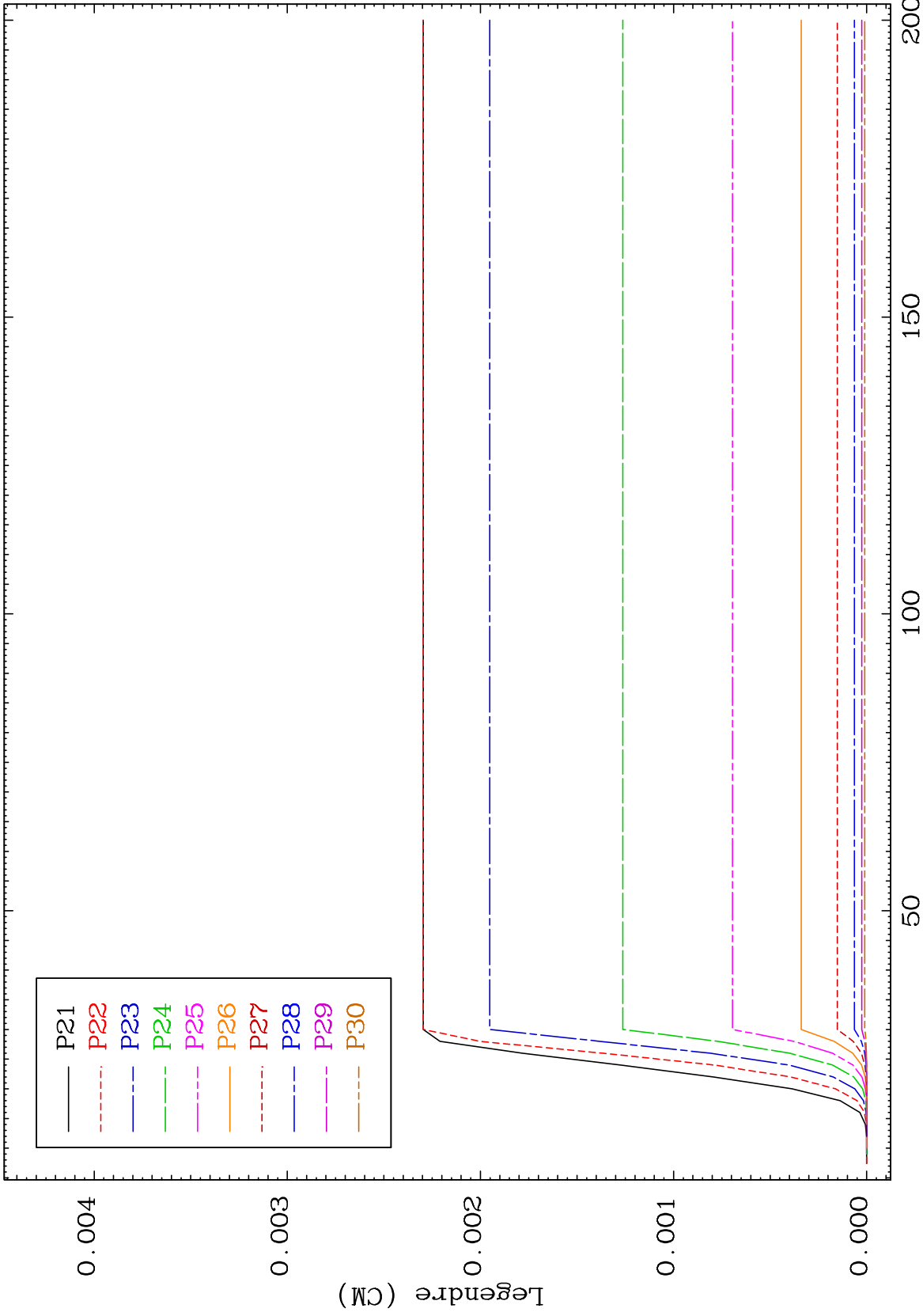
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



39

Incident Energy (MeV)

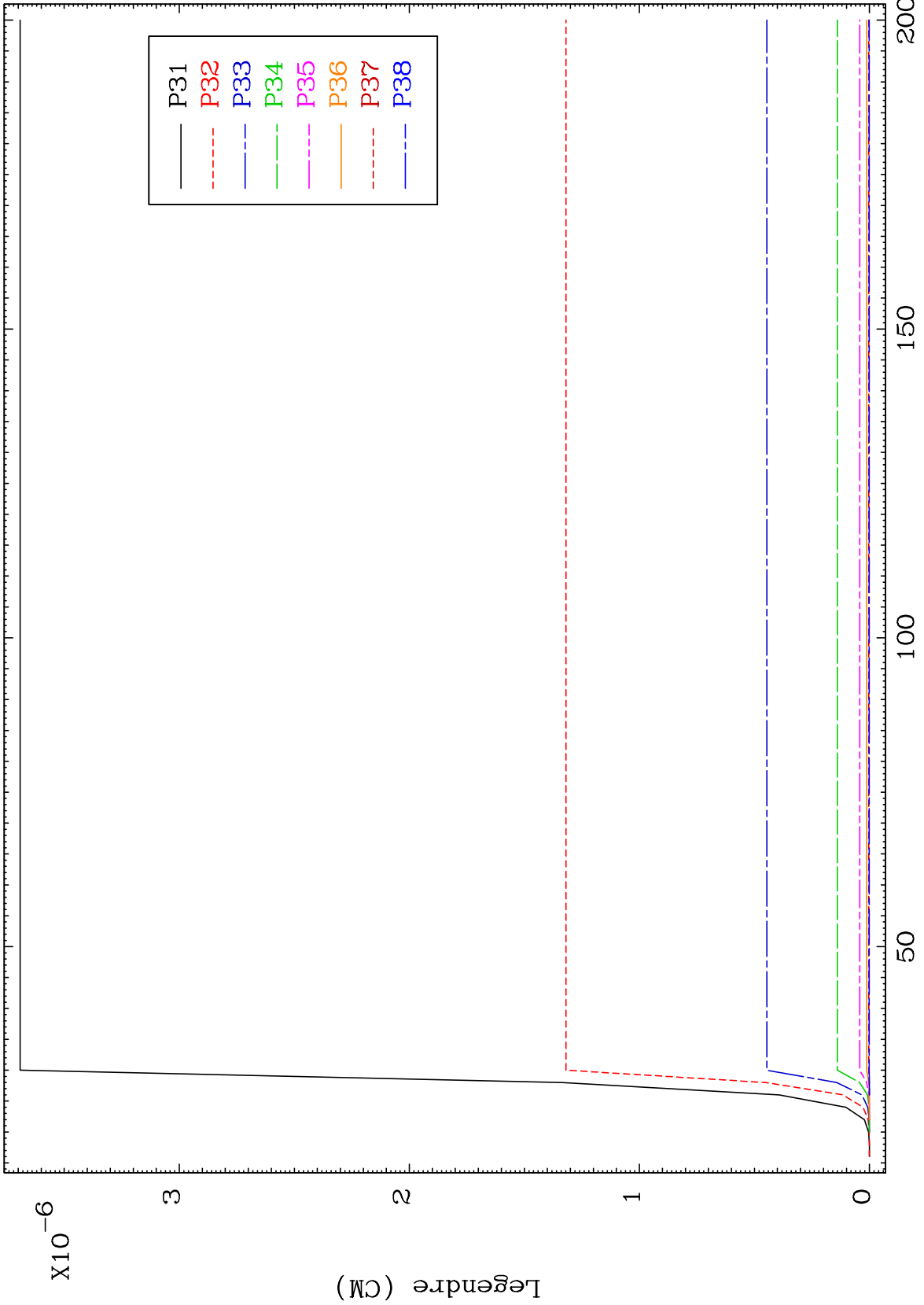
90-Th-215



MAT 8989

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

90-Th-215



40

50

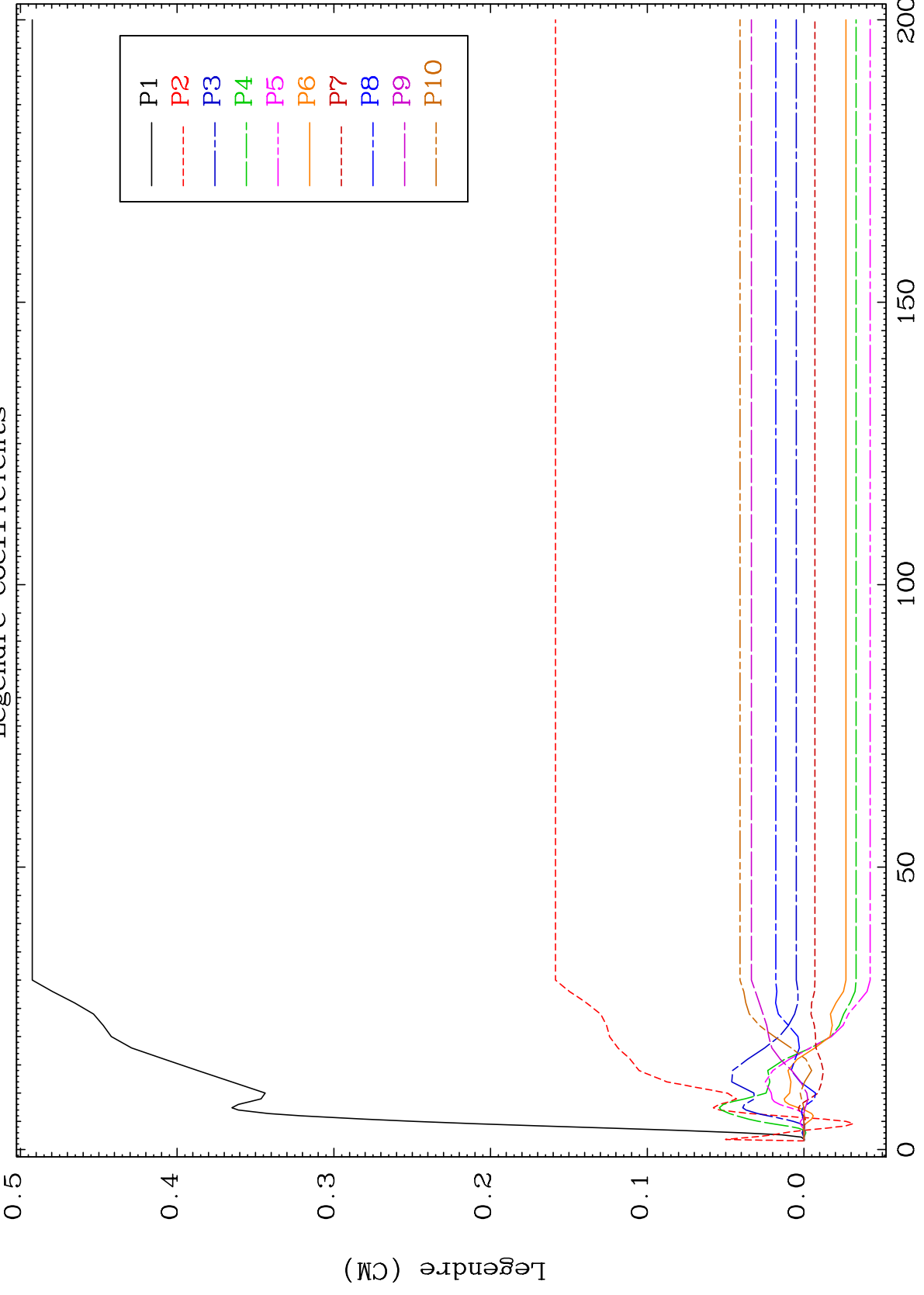
100

150

200

90-Th-215

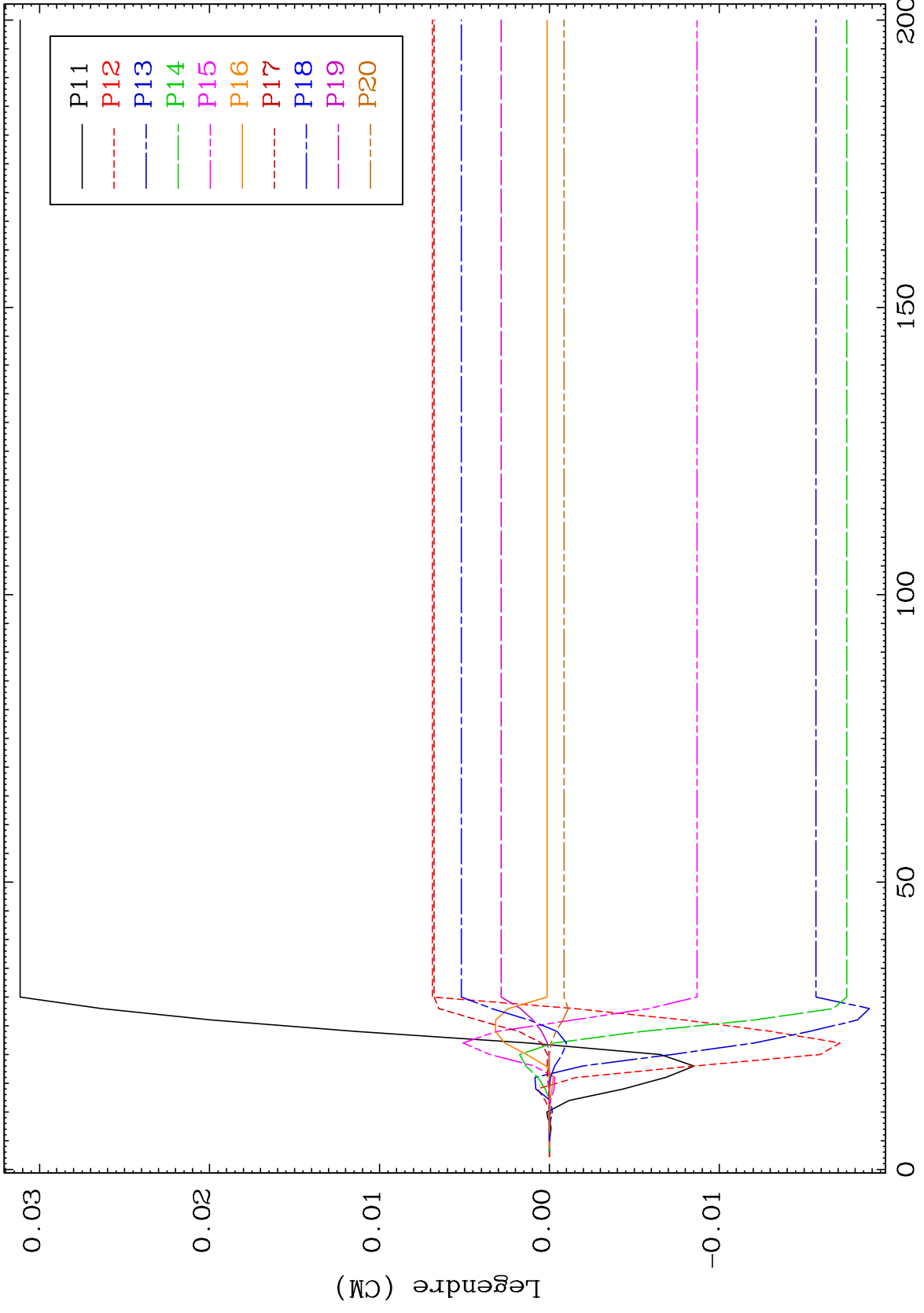
MAT 8989 MT= 56 (n,n') Level Legendre Coefficients 90-Th-215



MAT 8989

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

90-Th-215



42

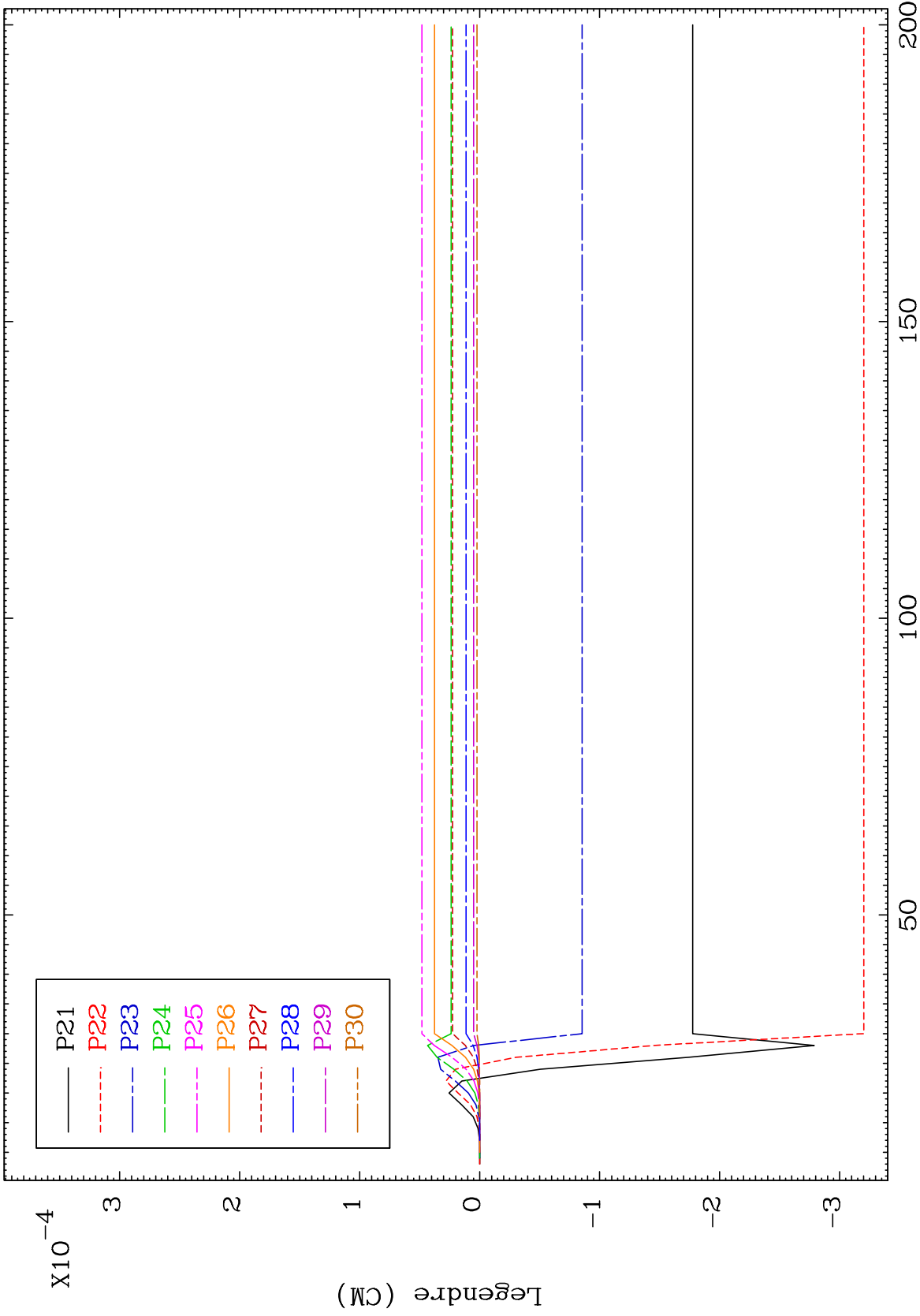
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



43

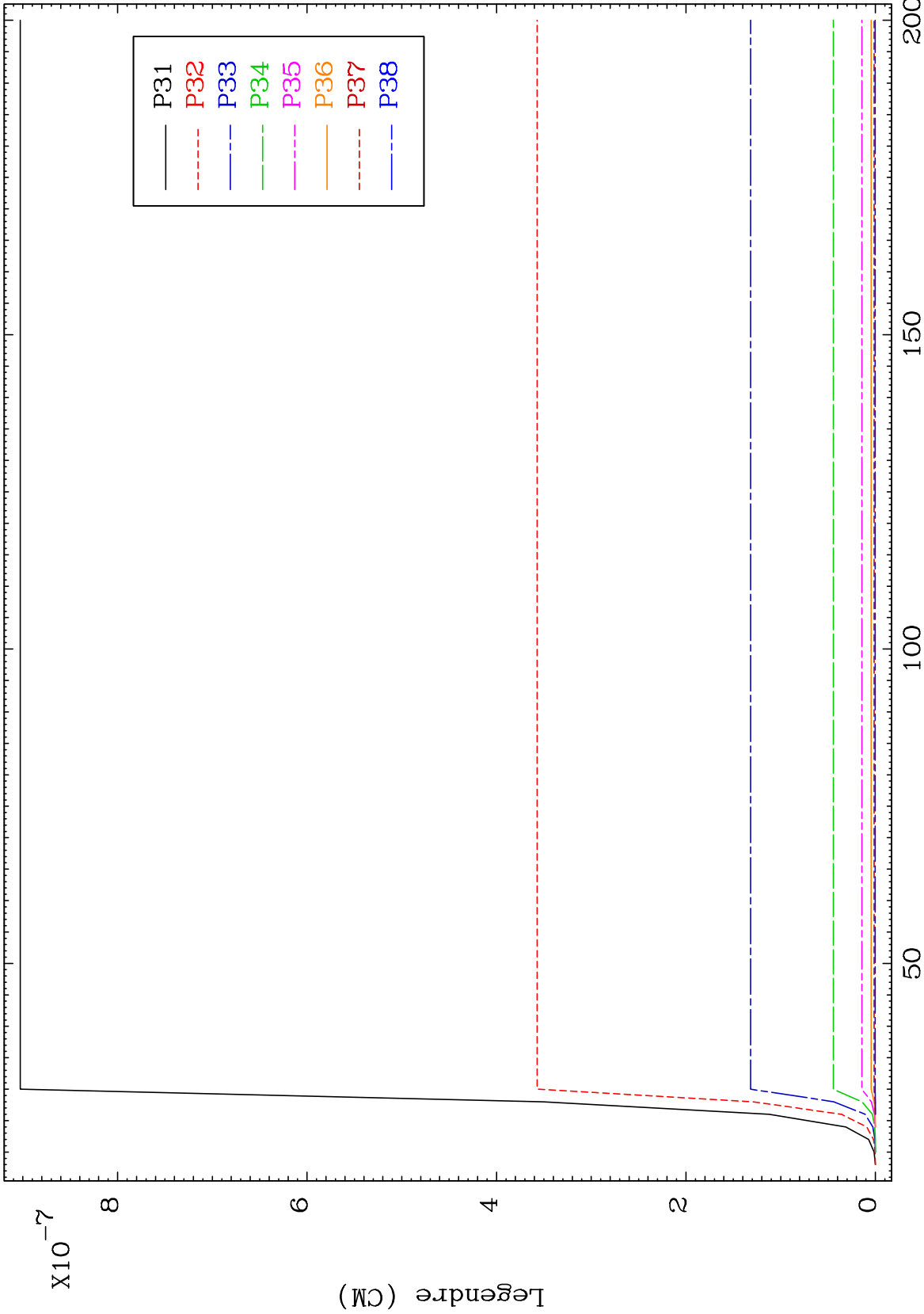
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215

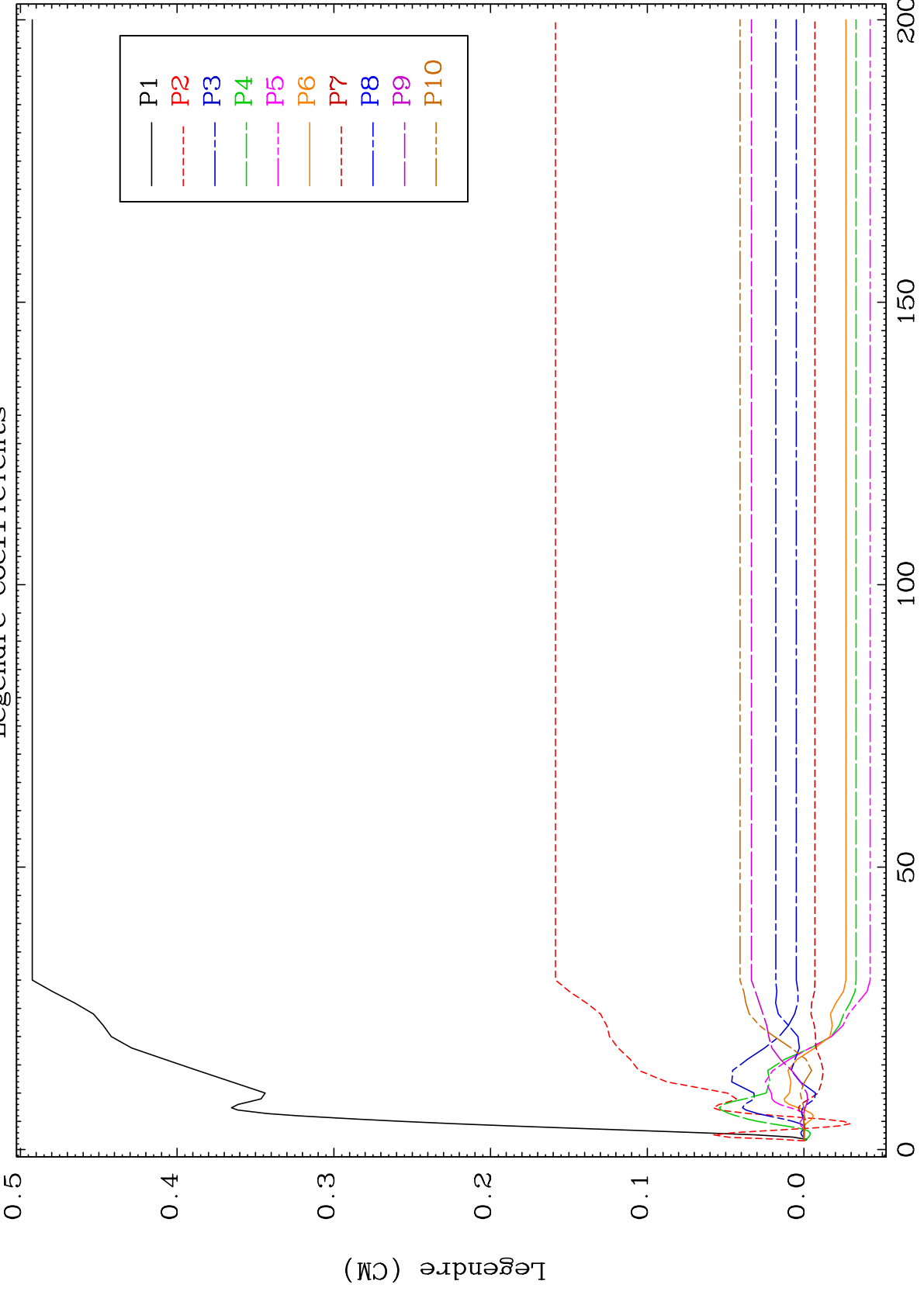


44

Incident Energy (MeV)

90-Th-215

MAT 8989 MT= 57 (n,n') Level Legendre Coefficients 90-Th-215

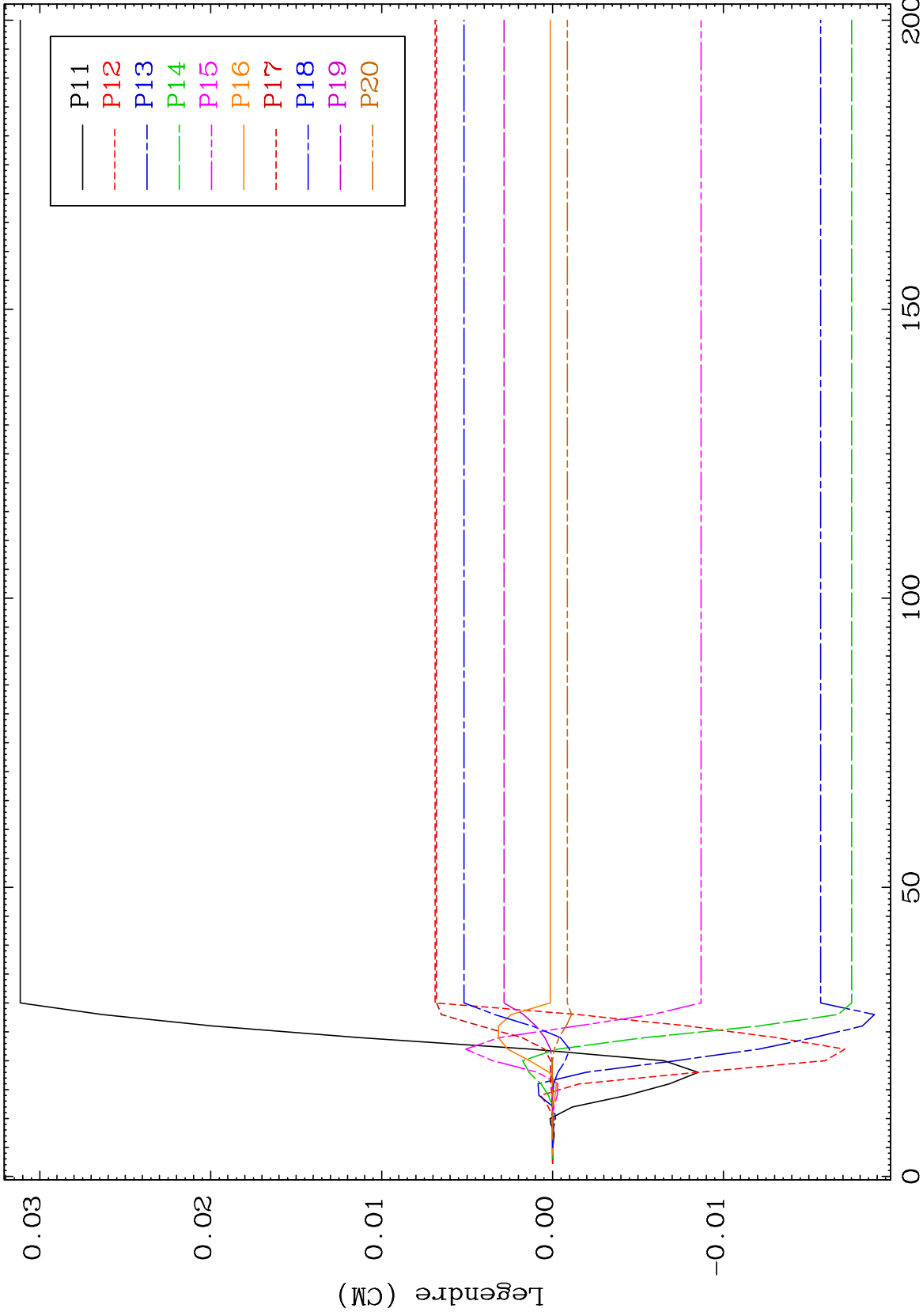


Legendre (CM) Incident Energy (MeV) 90-Th-215

MAT 8989

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

90-Th-215



46

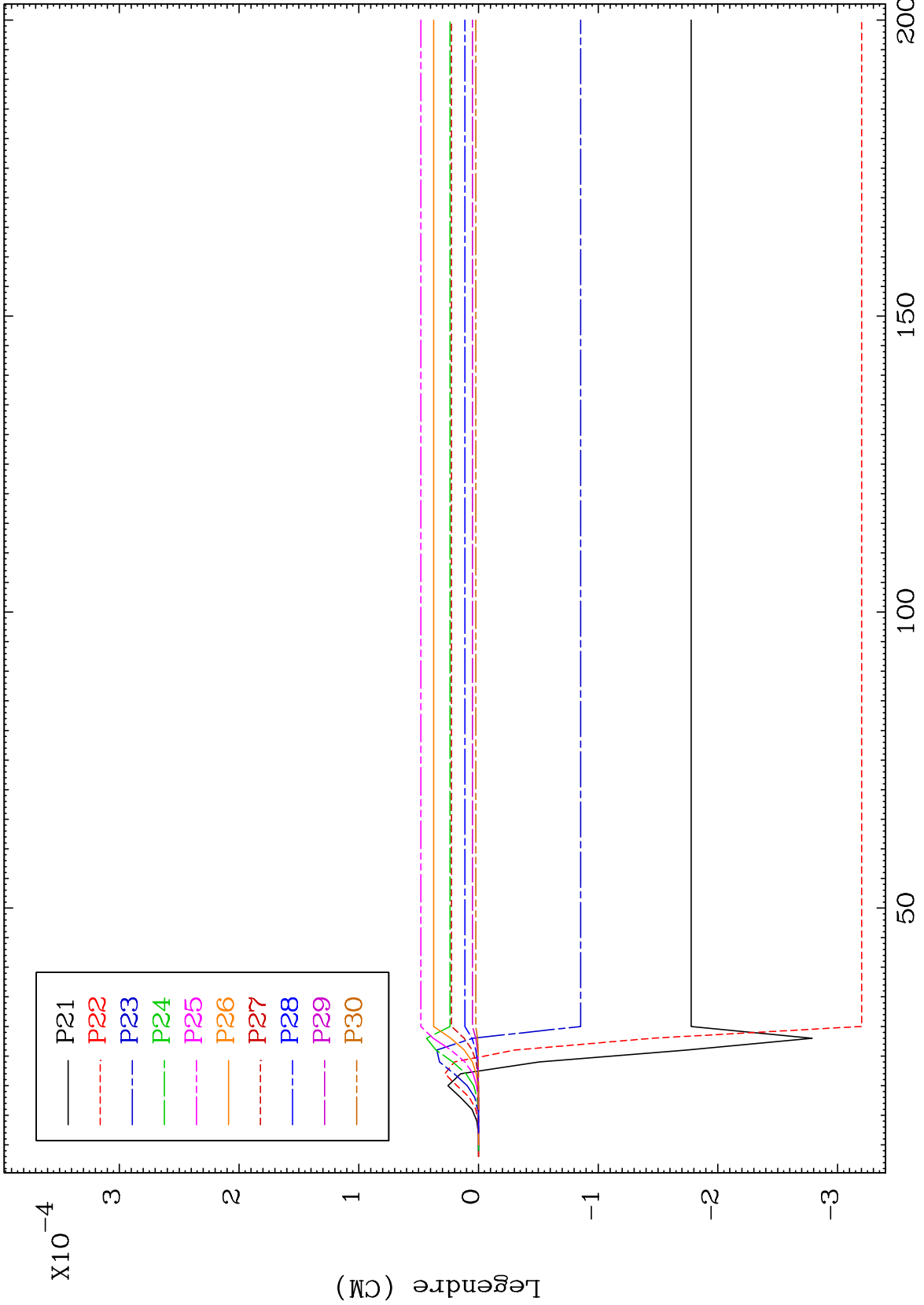
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215

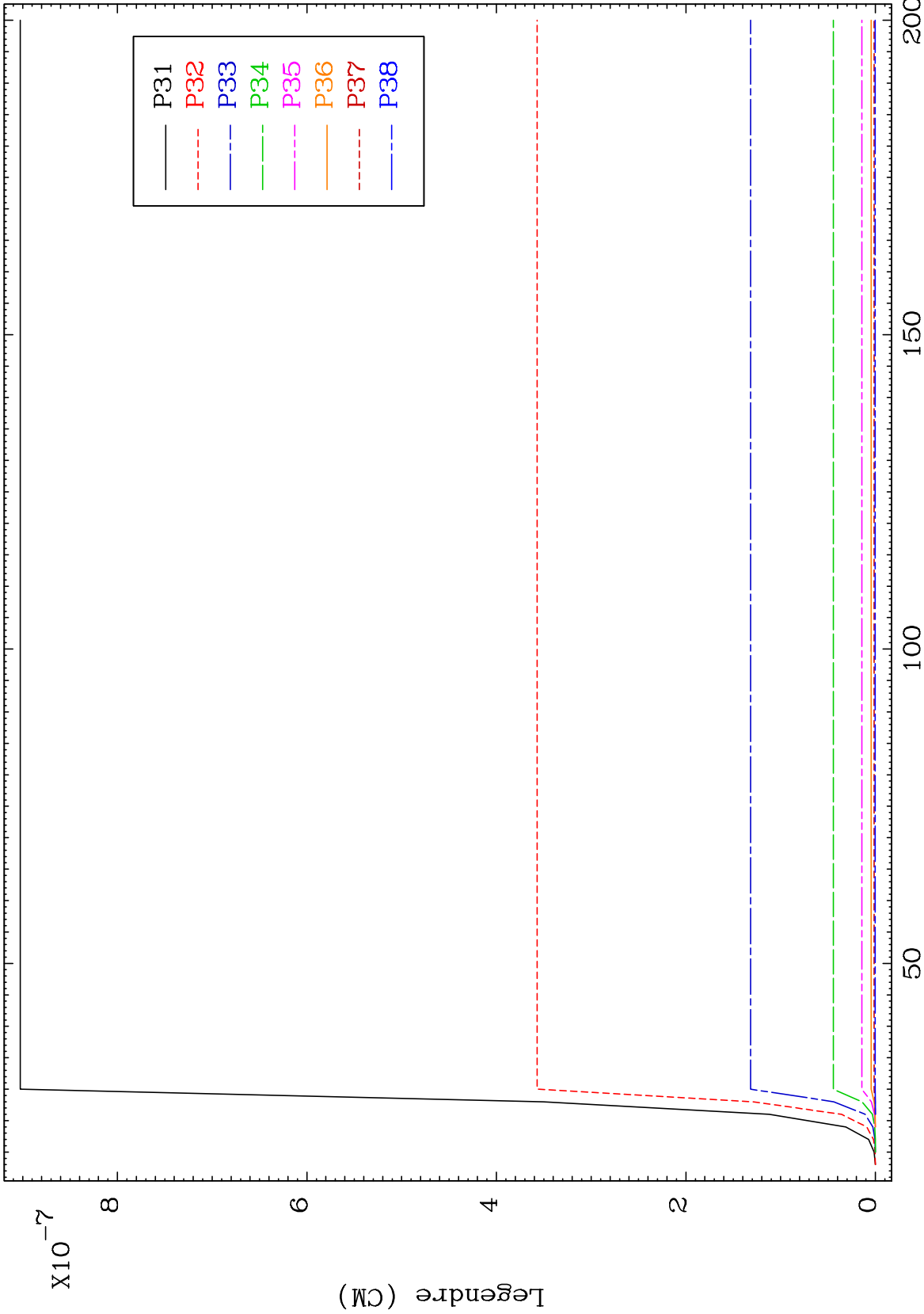




MAT 8989

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

90-Th-215



48

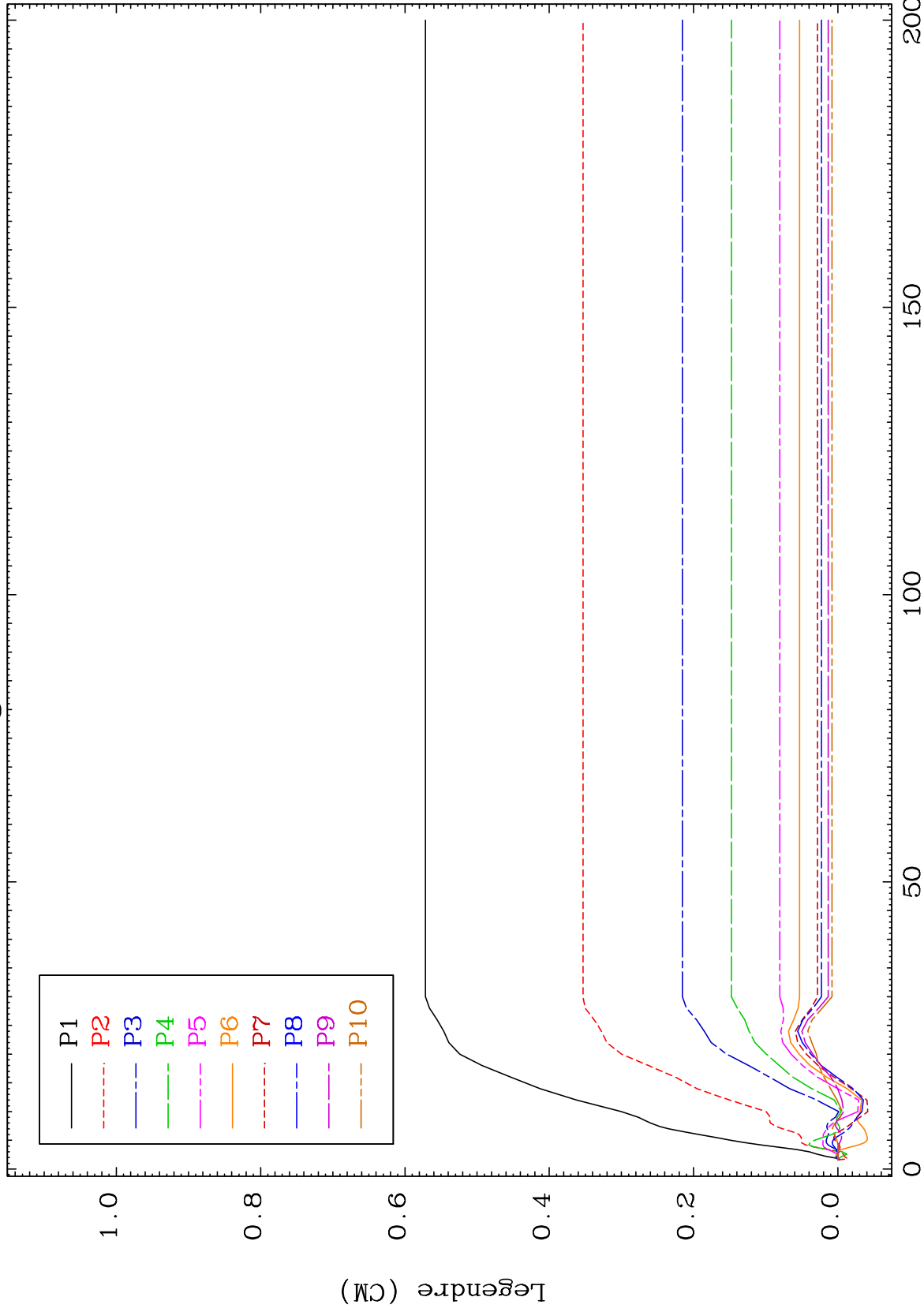
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



49

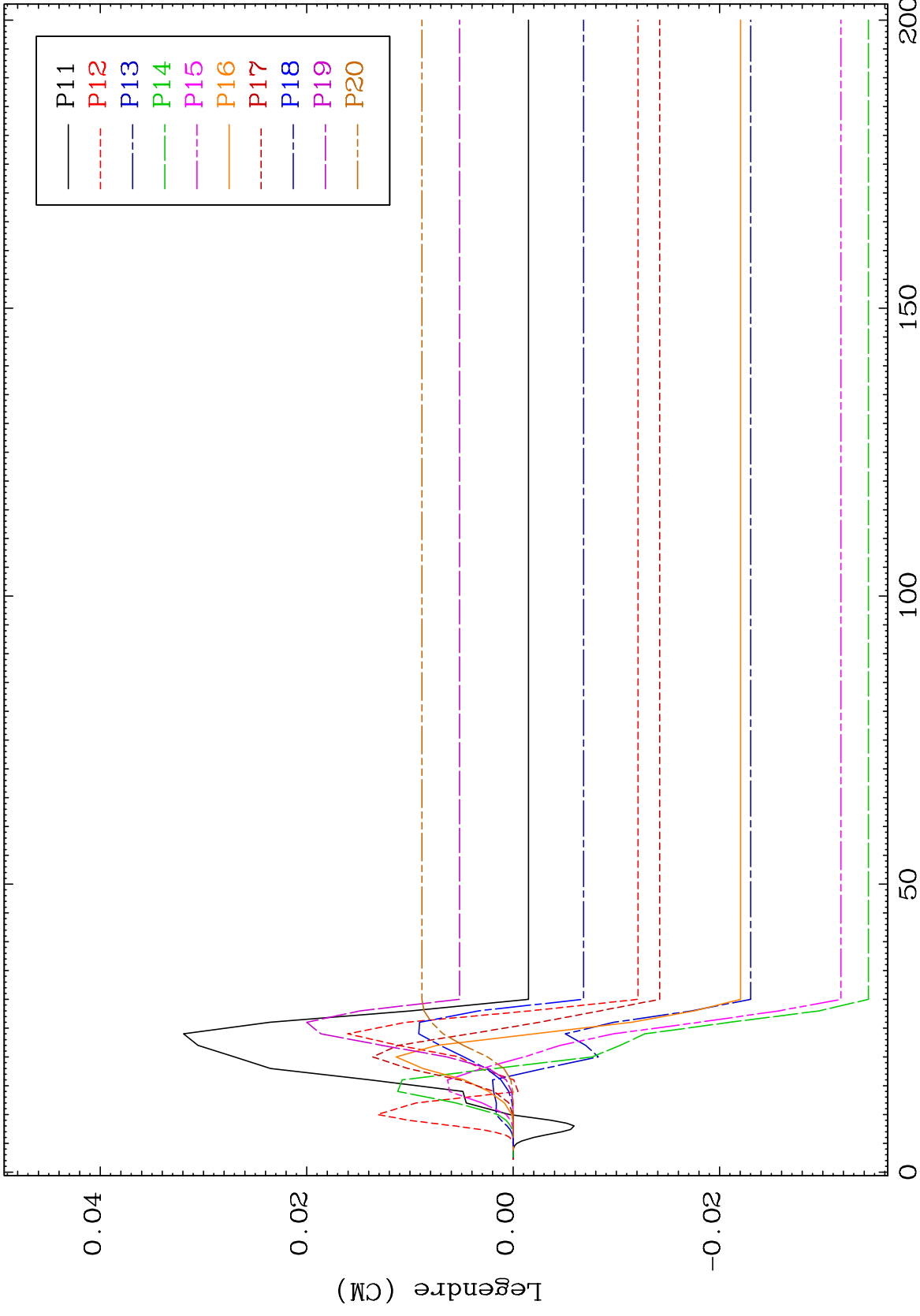
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



50

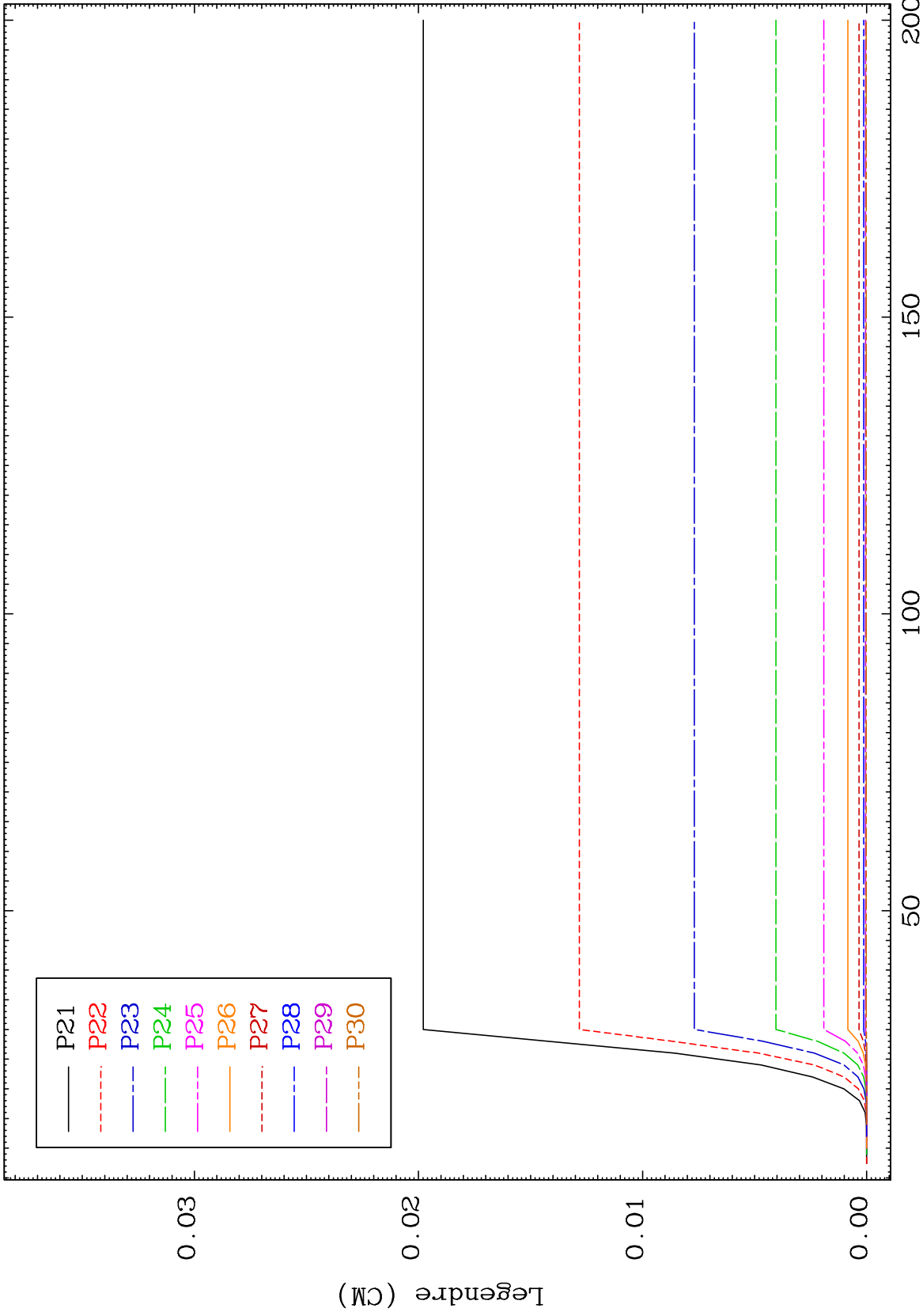
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



51

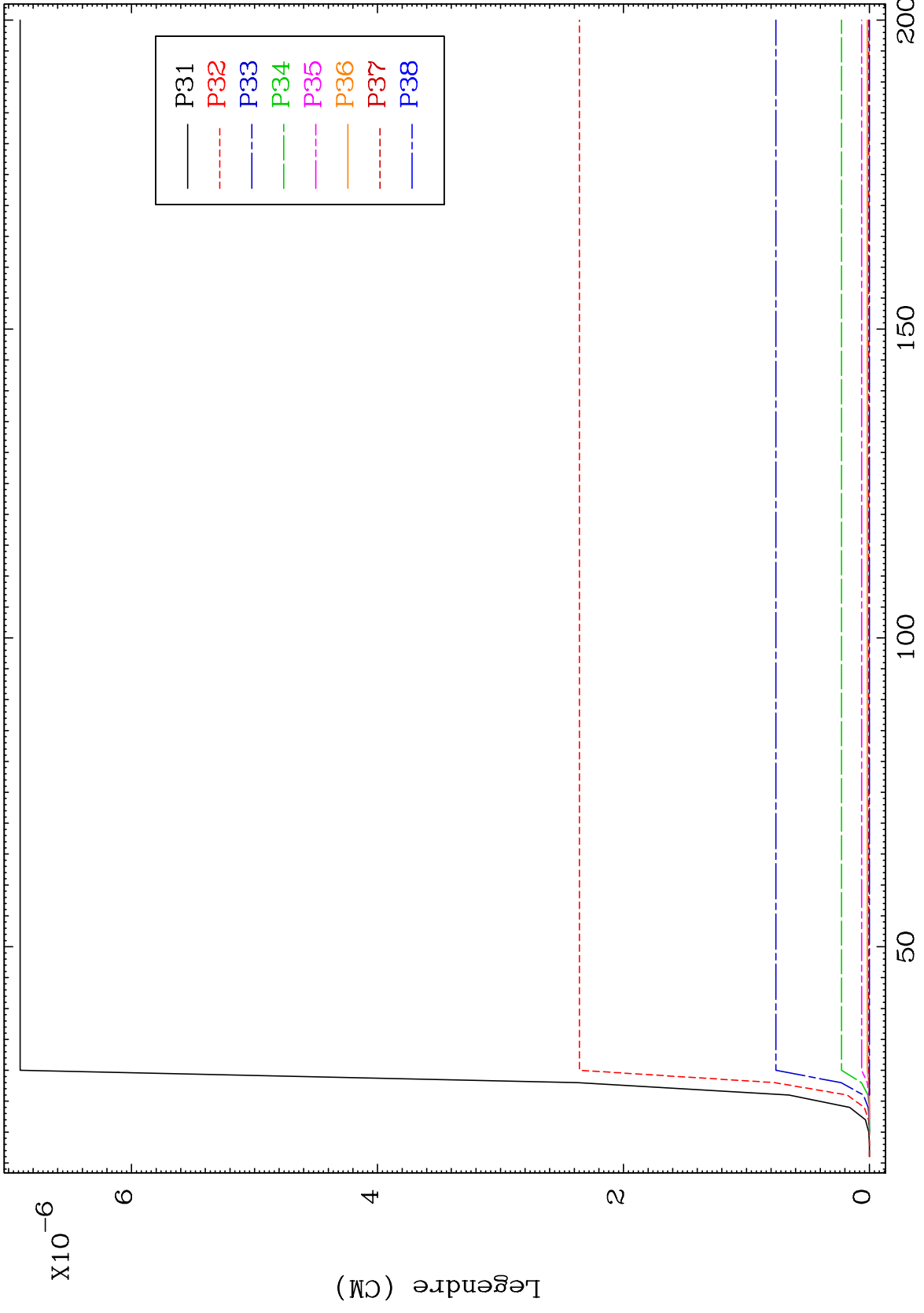
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



52

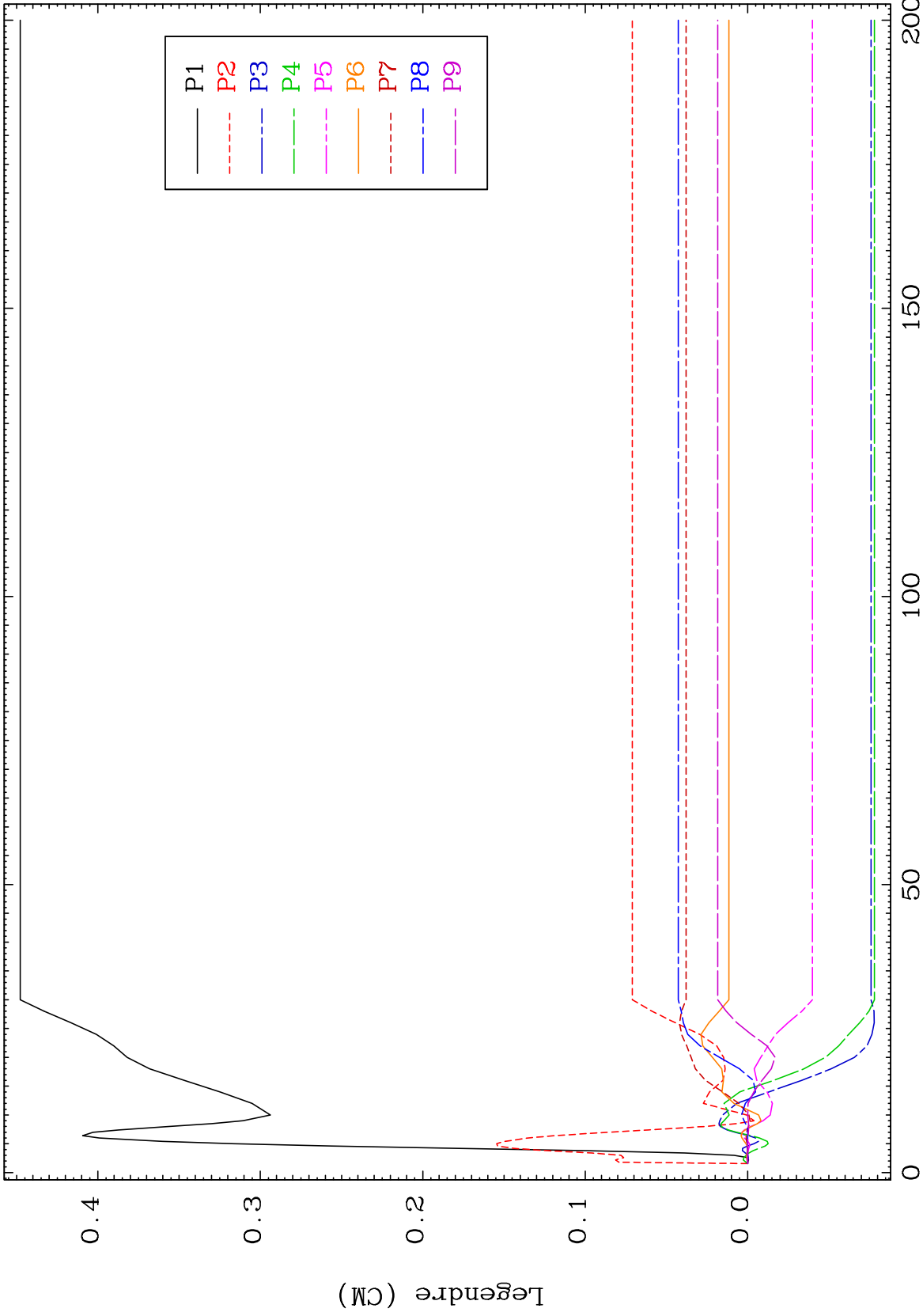
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215



53

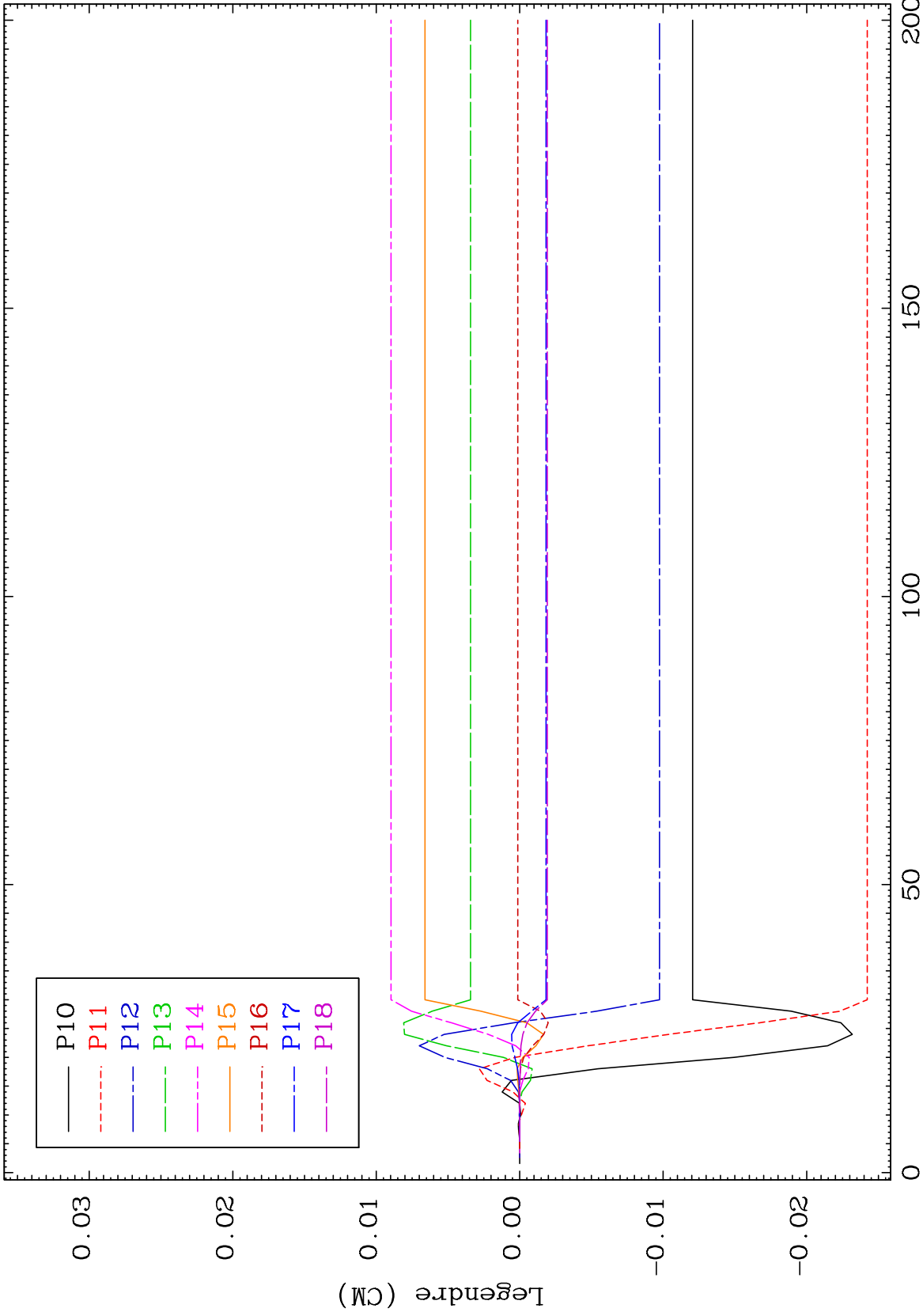
Incident Energy (MeV)

90-Th-215

MAT 8989

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

90-Th-215

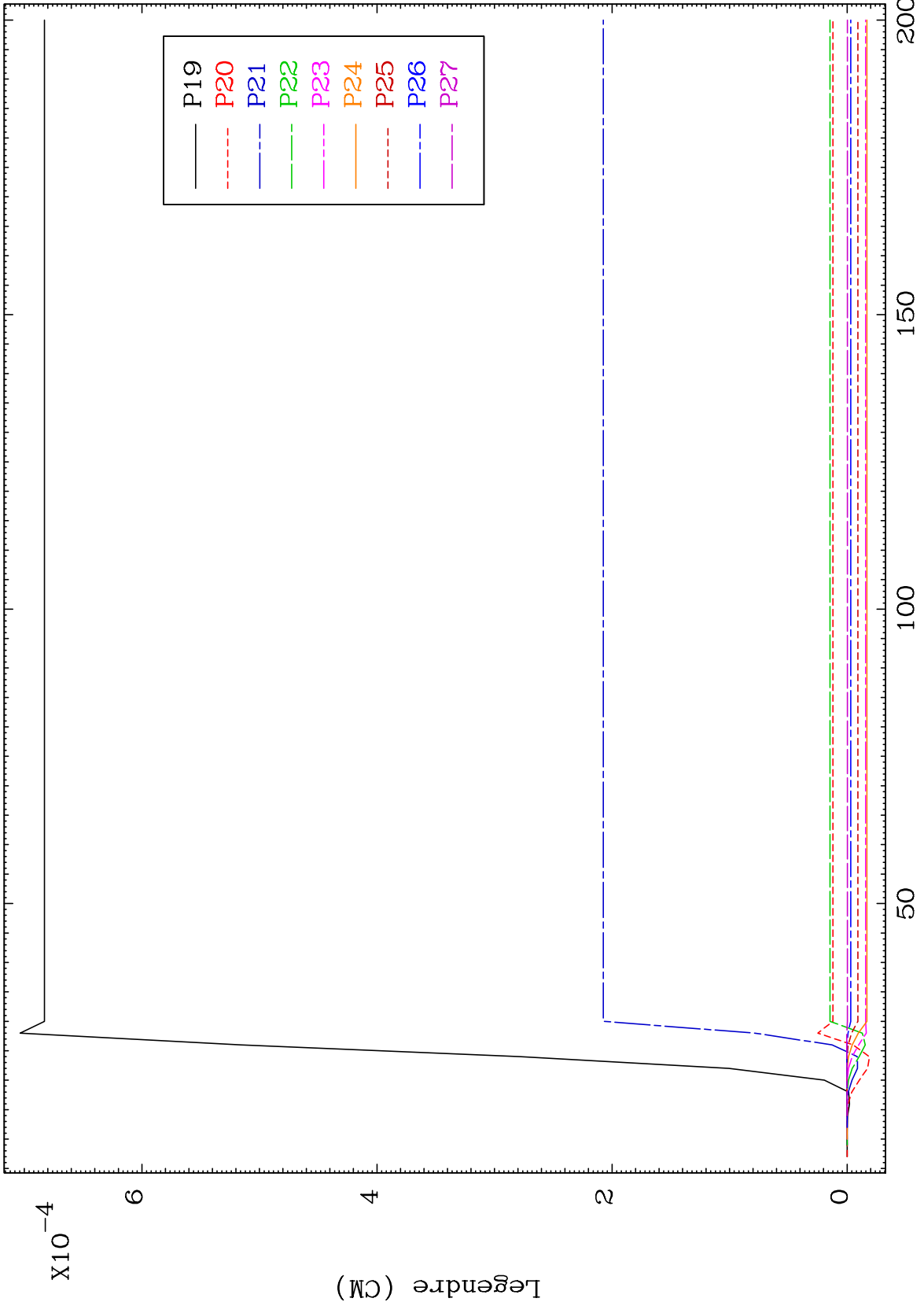


54

Incident Energy (MeV)

90-Th-215

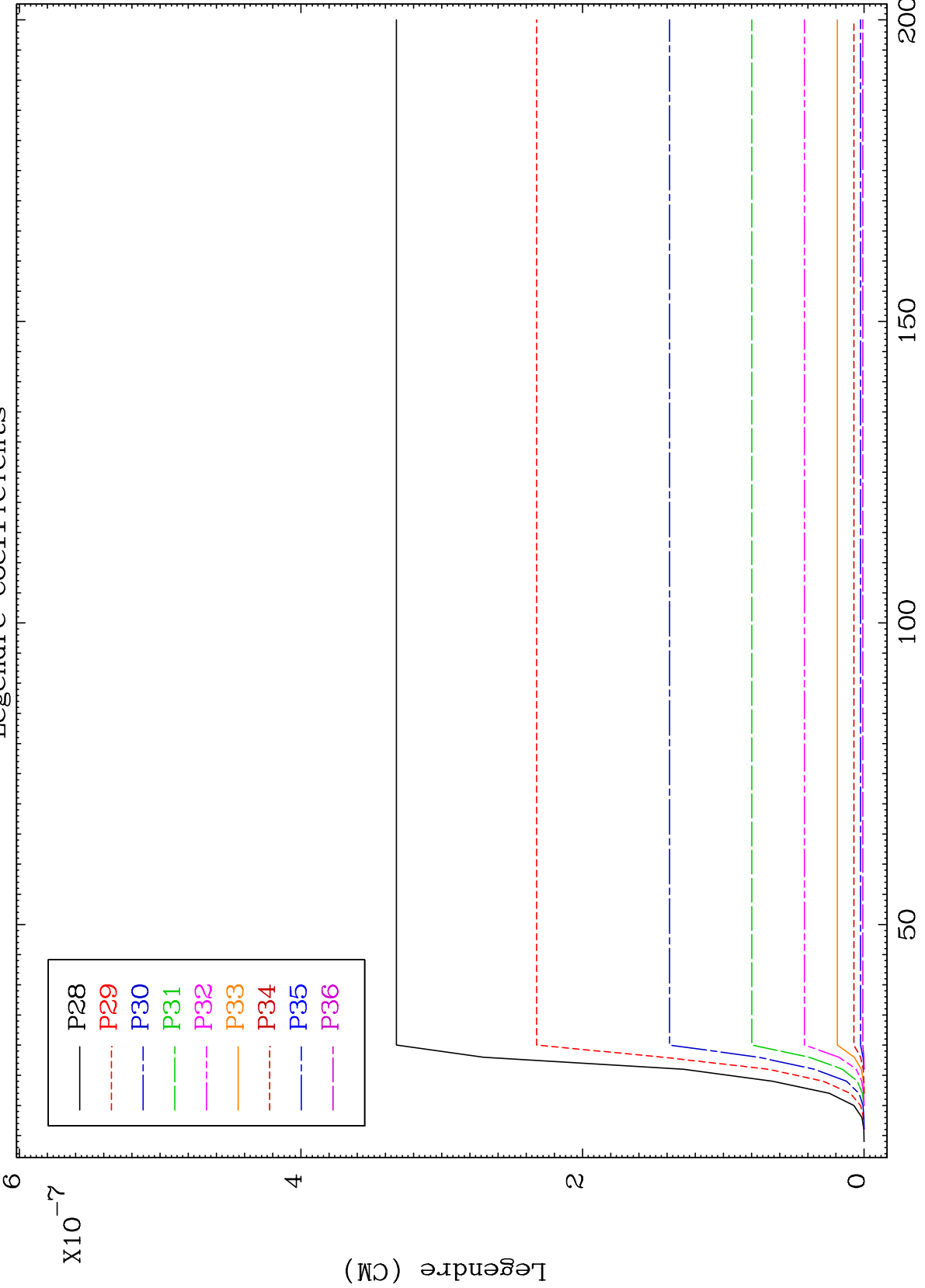
MAT 8989 MT= 59 (n,n') Level Legendre Coefficients 90-Th-215



55 Incident Energy (MeV) 90-Th-215



MAT 8989 MT= 59 (n,n') Level Legendre Coefficients 90-Th-215



90-Th-215

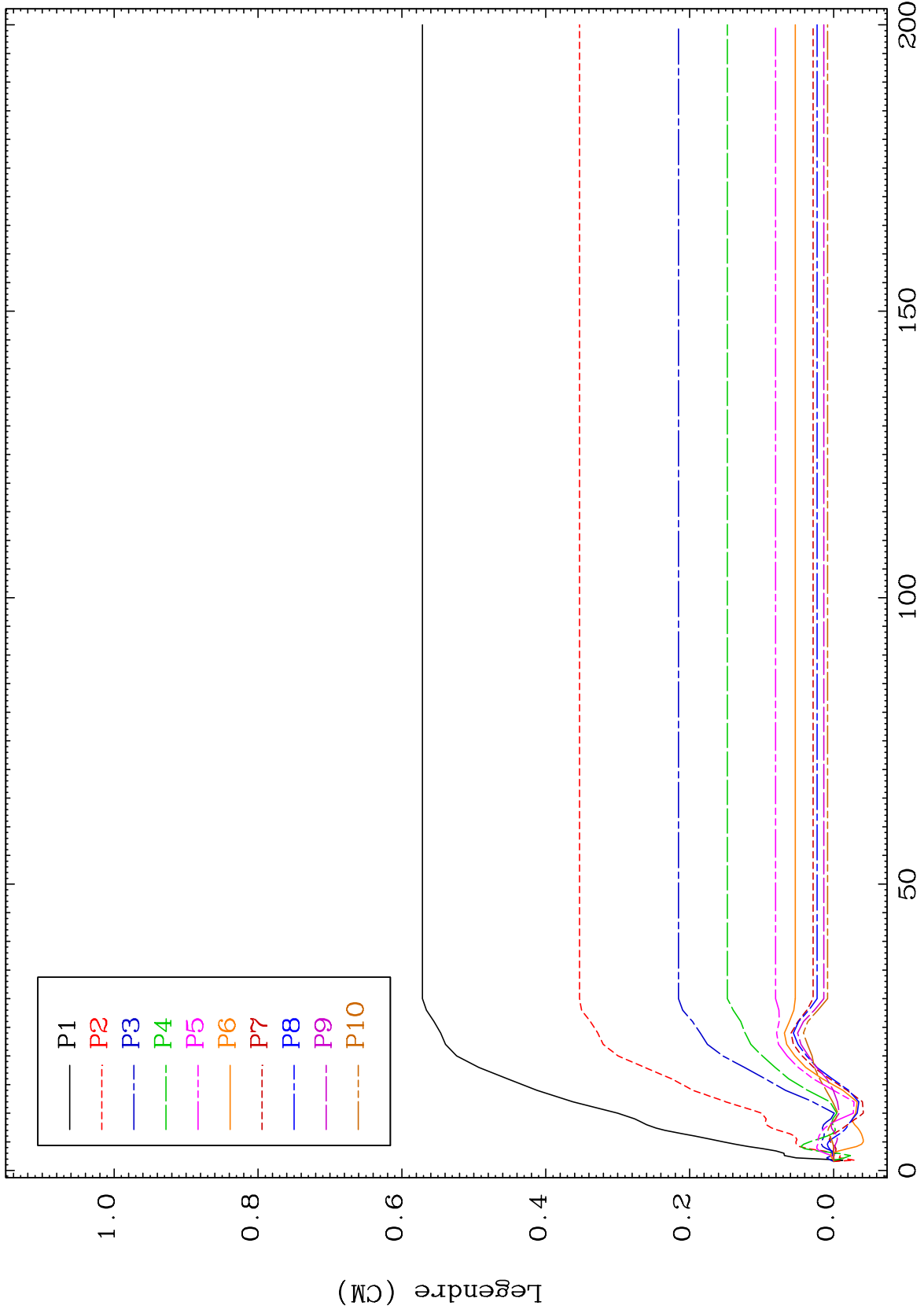
Incident Energy (MeV)

56

MAT 8989

MT= 60 (n,n') Level  
Legendre Coefficients

90-Th-215



57

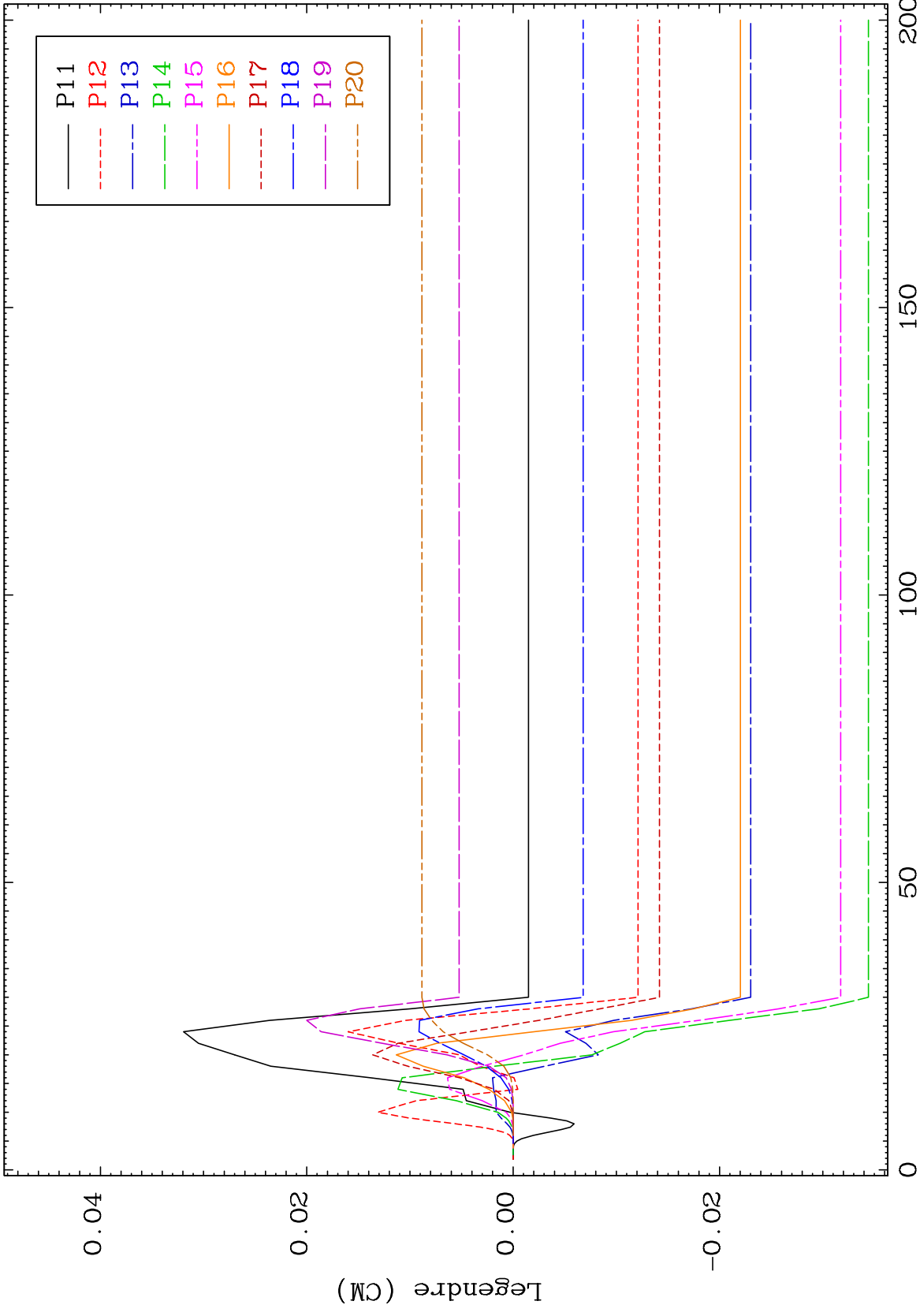
Incident Energy (MeV)

90-Th-215

MAT 8989

MT= 60 (n,n') Level  
Legendre Coefficients

90-Th-215



58

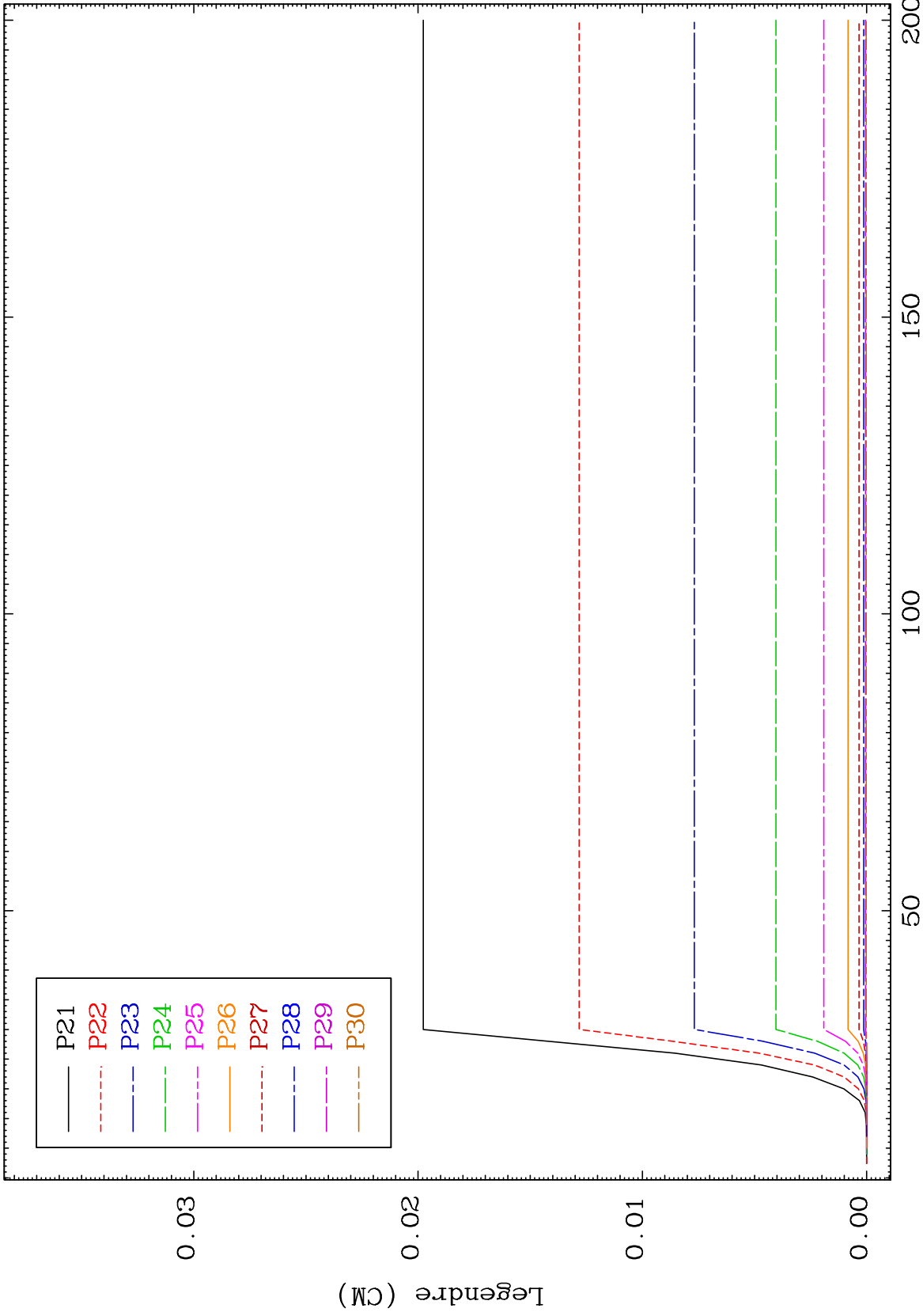
Incident Energy (MeV)

90-Th-215

MAT 8989

MT= 60 (n,n') Level  
Legendre Coefficients

90-Th-215



59

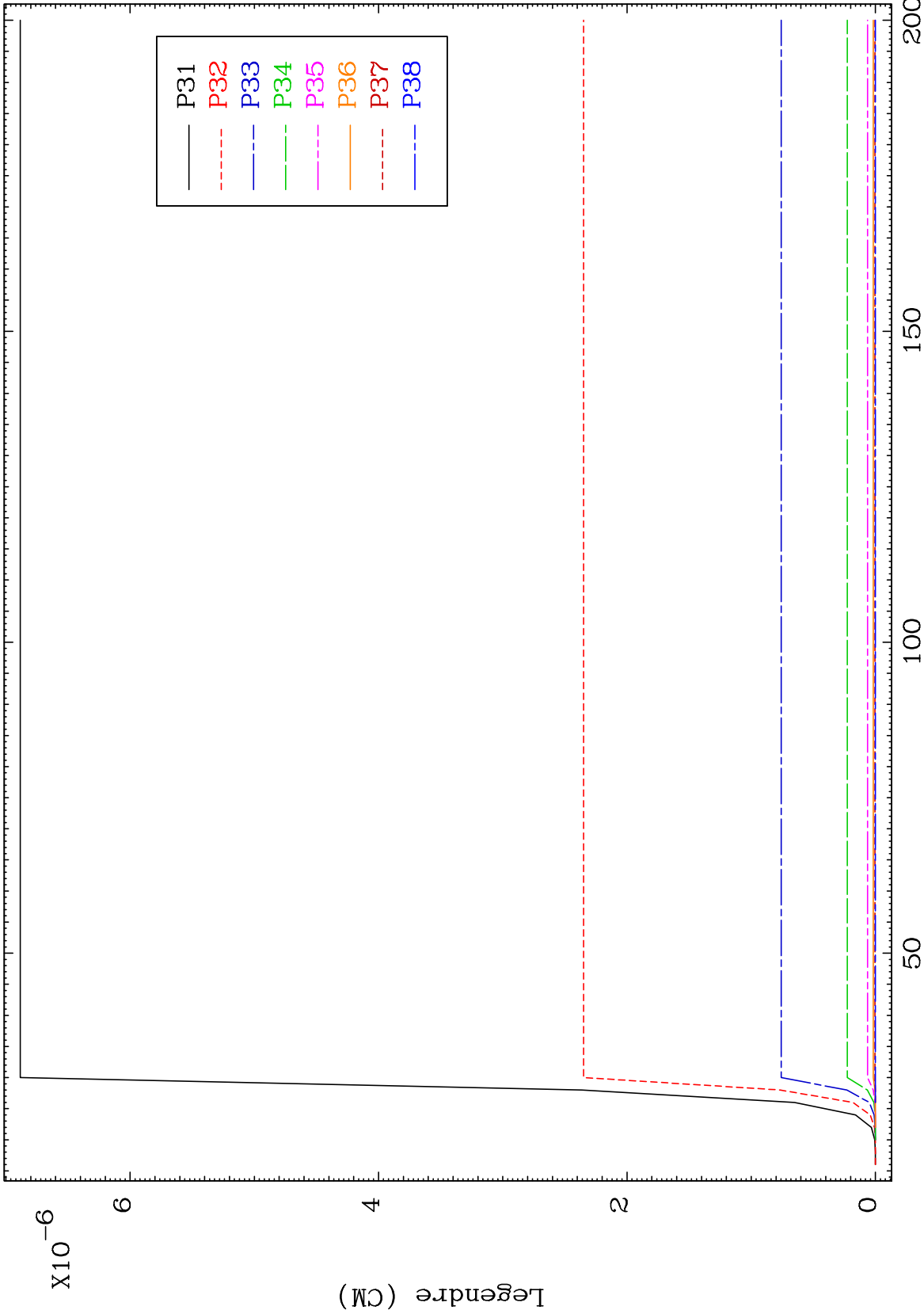
Incident Energy (MeV)

90-Th-215

MAT 8989

MT= 60 (n,n') Level  
Legendre Coefficients

90-Th-215



60

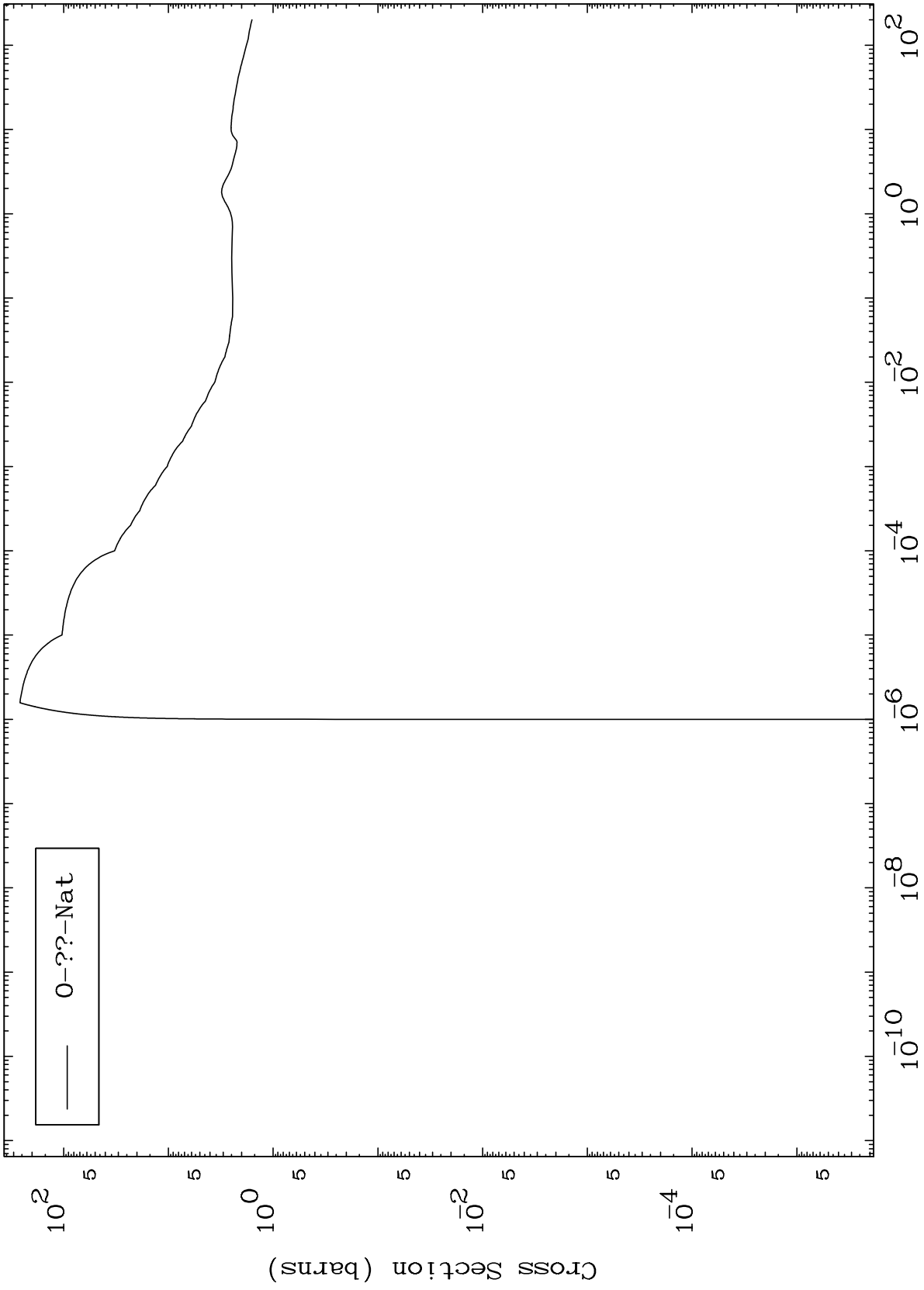
Incident Energy (MeV)

90-Th-215

MAT 8989

90-Th-215

Fission  
Radionuclide Production Cross Section



61

90-Th-215