

Program EVALPLOT  
(Version 2018-1)

by

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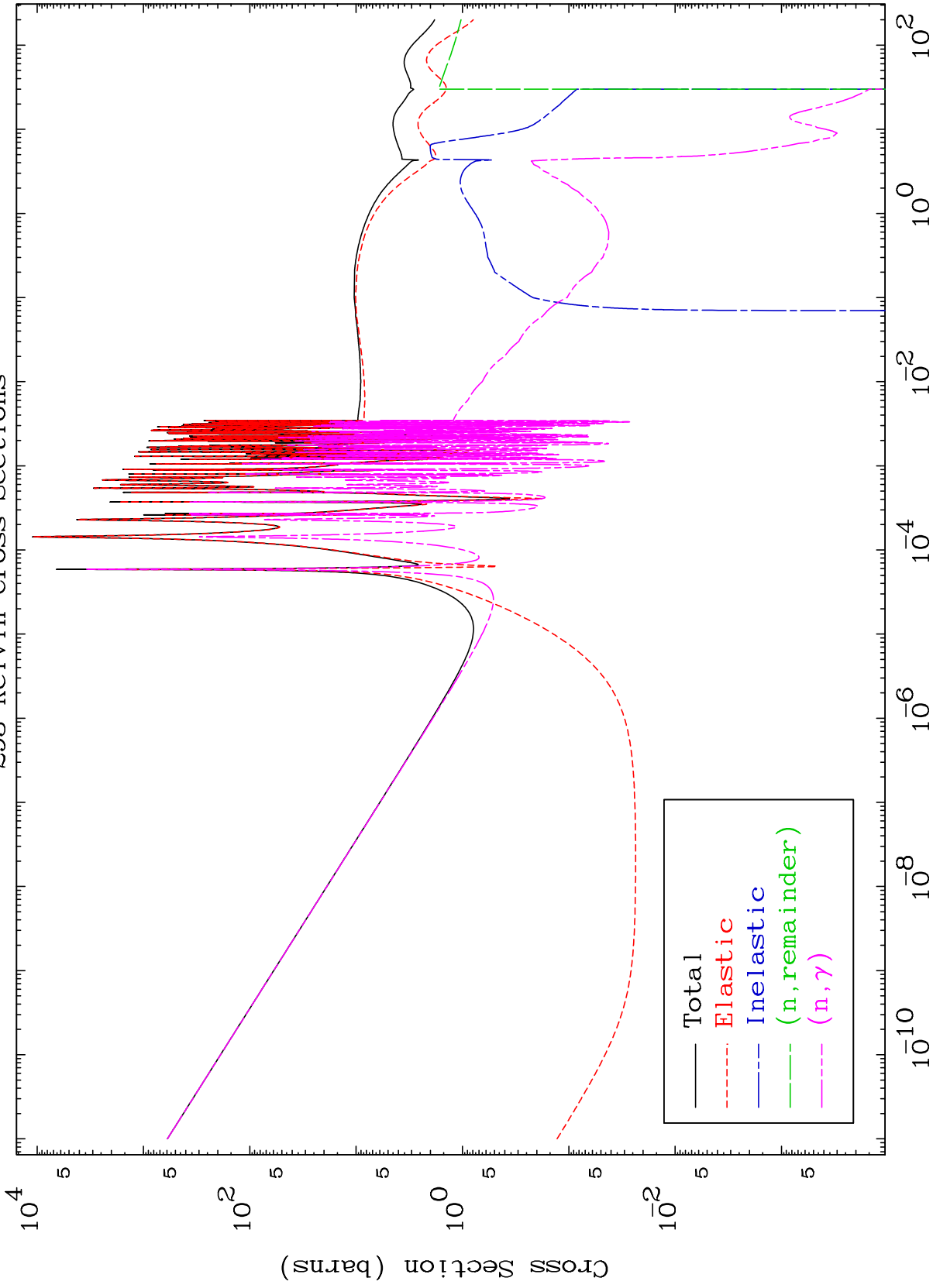
Press Mouse Button to Start

MAT 4355

Major

293 Kelvin Cross Sections

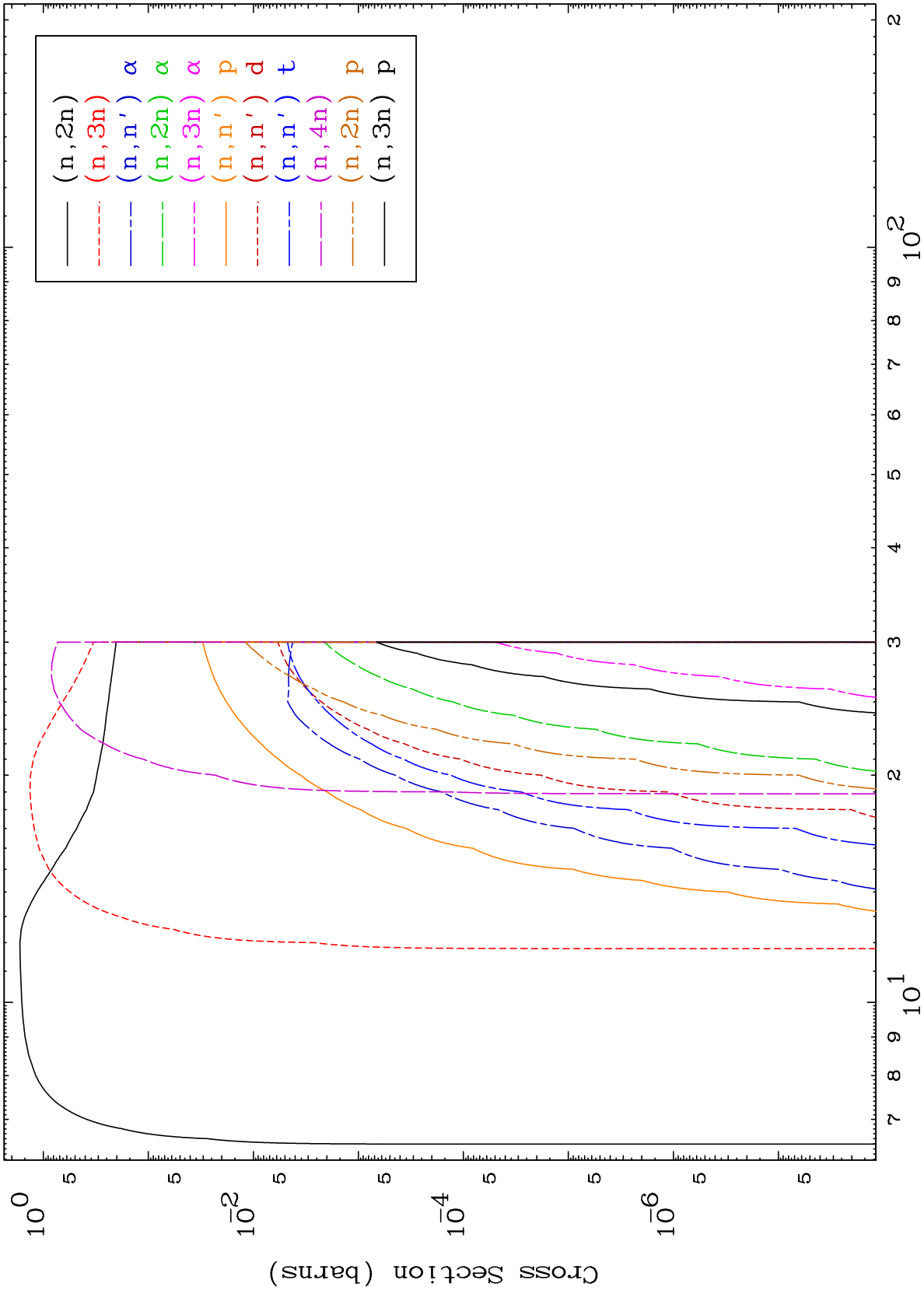
43-Tc-109



MAT 4355

Neutron Production  
293 Kelvin Cross Sections

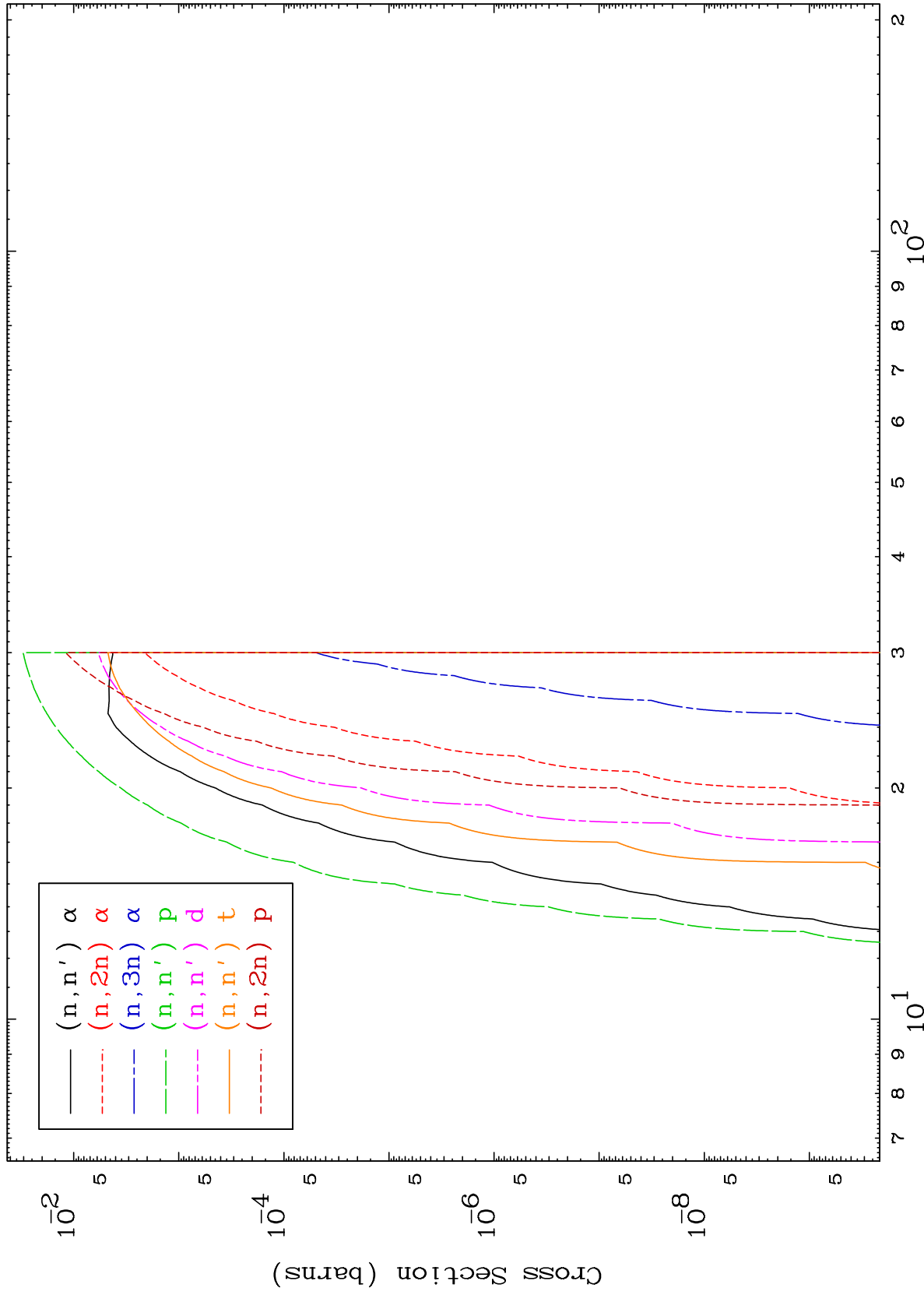
43-Tc-109



2

Incident Energy (MeV)

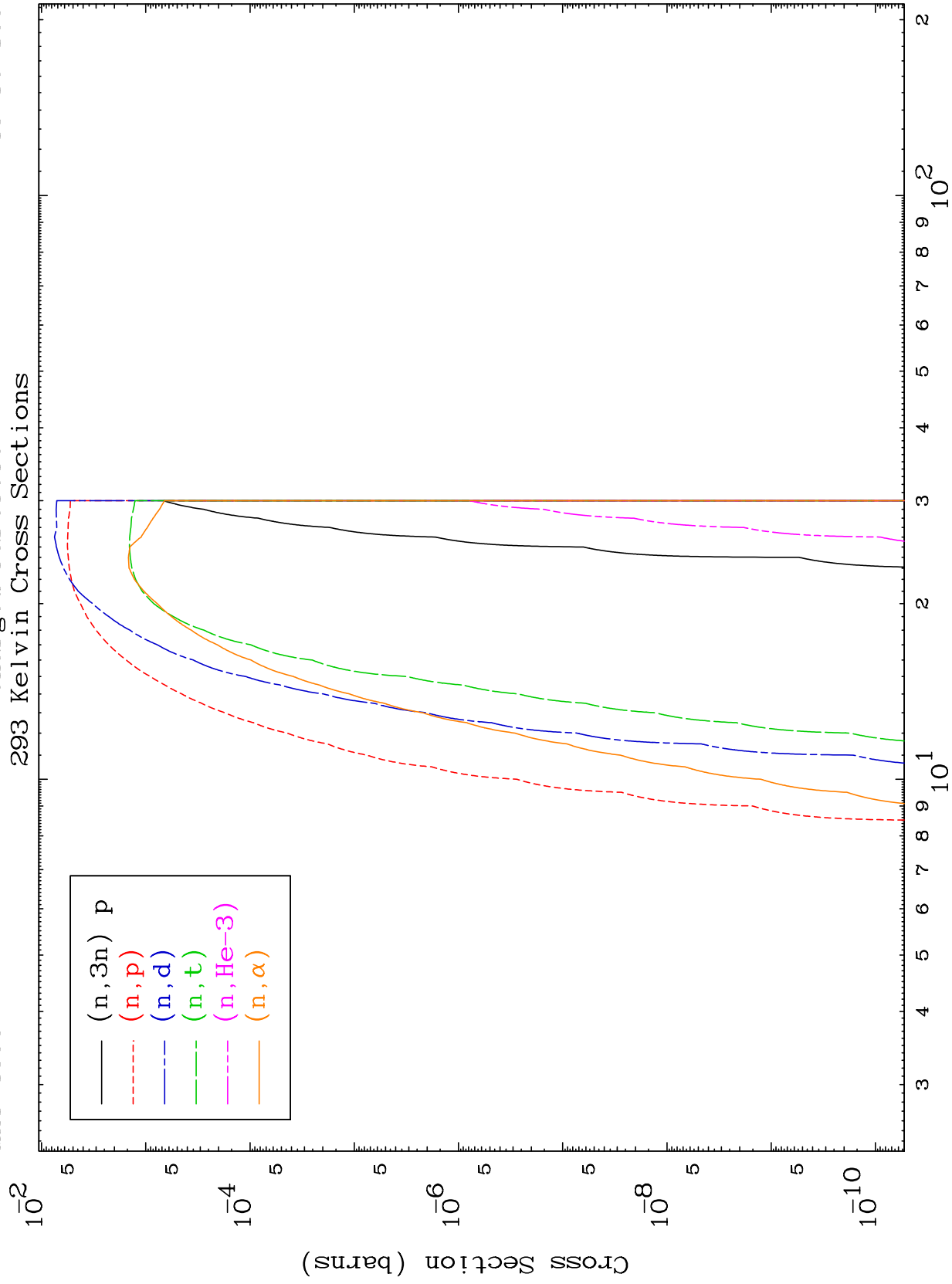
43-Tc-109



MAT 4355

Charged Particle  
293 Kelvin Cross Sections

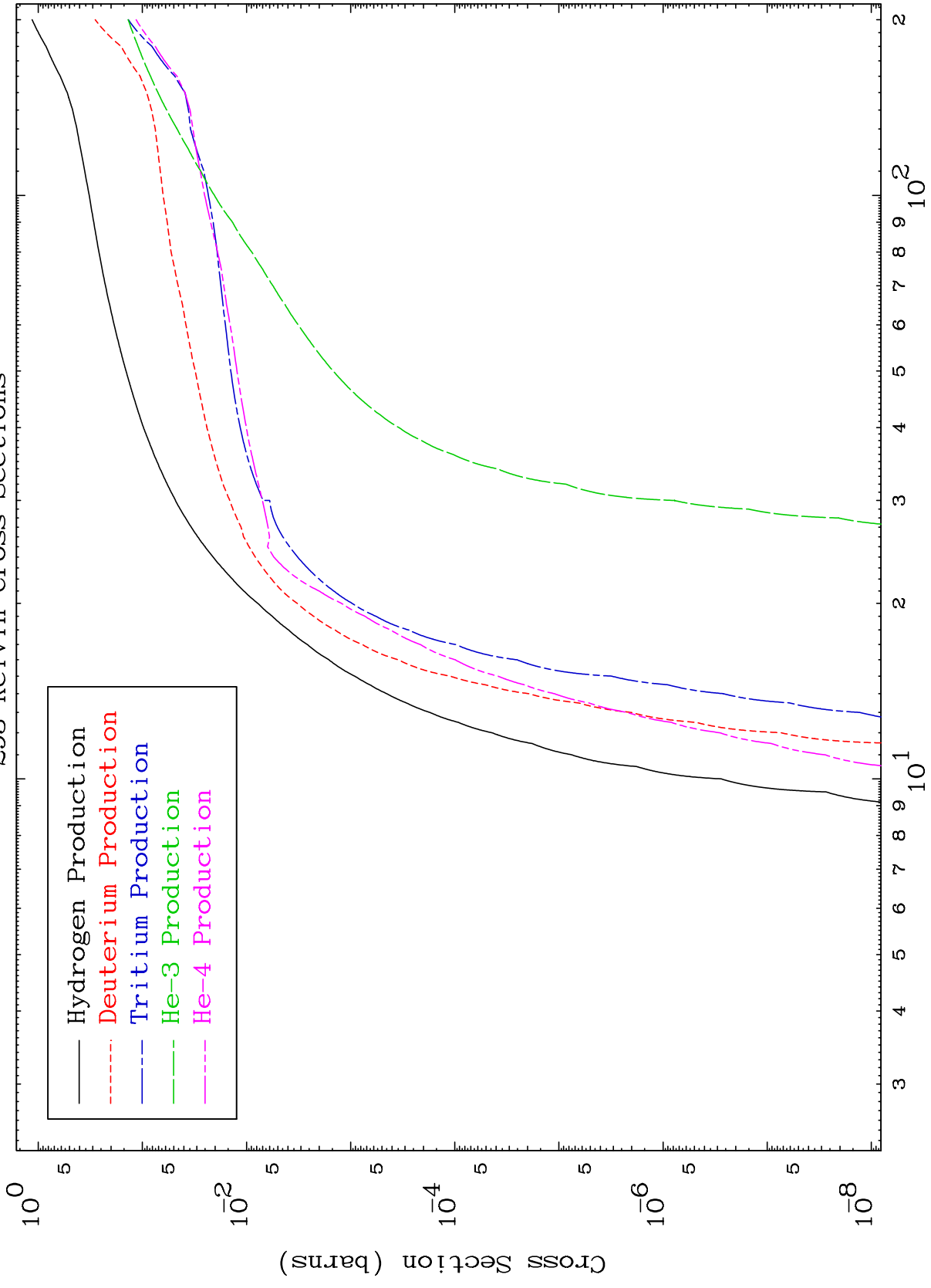
43-Tc-109



MAT 4355

Particle Production  
293 Kelvin Cross Sections

43-Tc-109

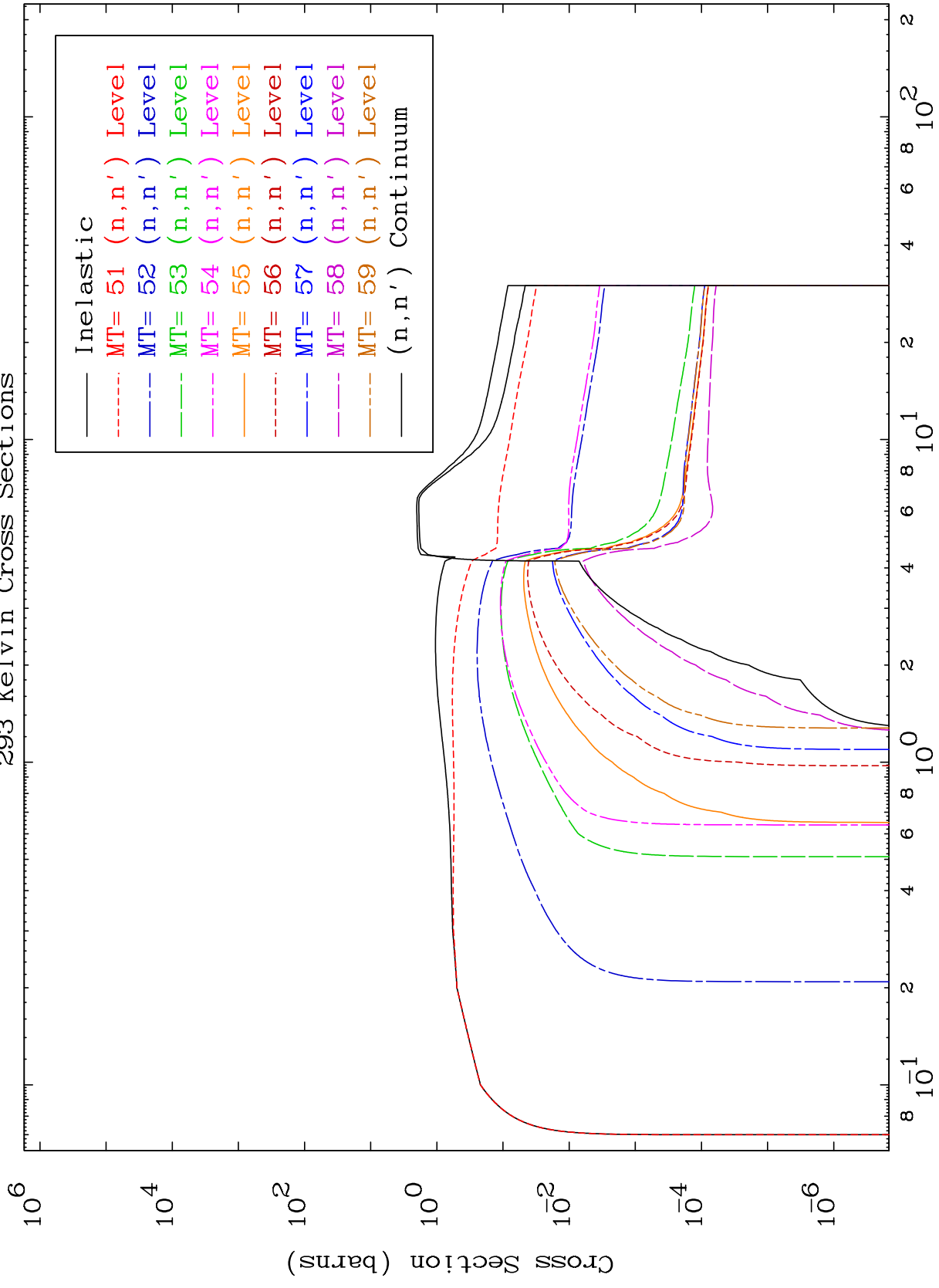


MAT 4355

(n,n') Level

43-Tc-109

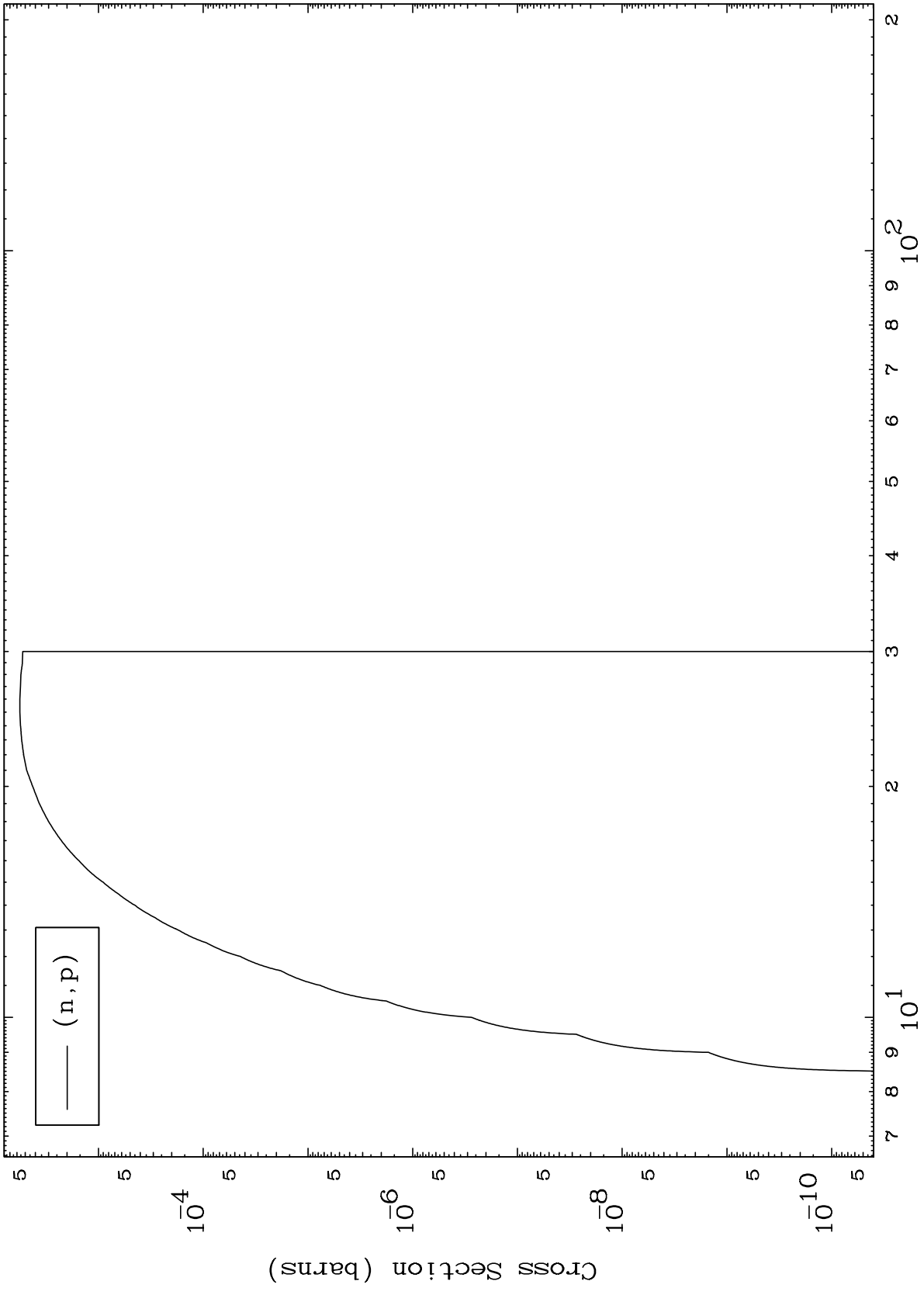
293 Kelvin Cross Sections



MAT 4355

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-109



7

Incident Energy (MeV)

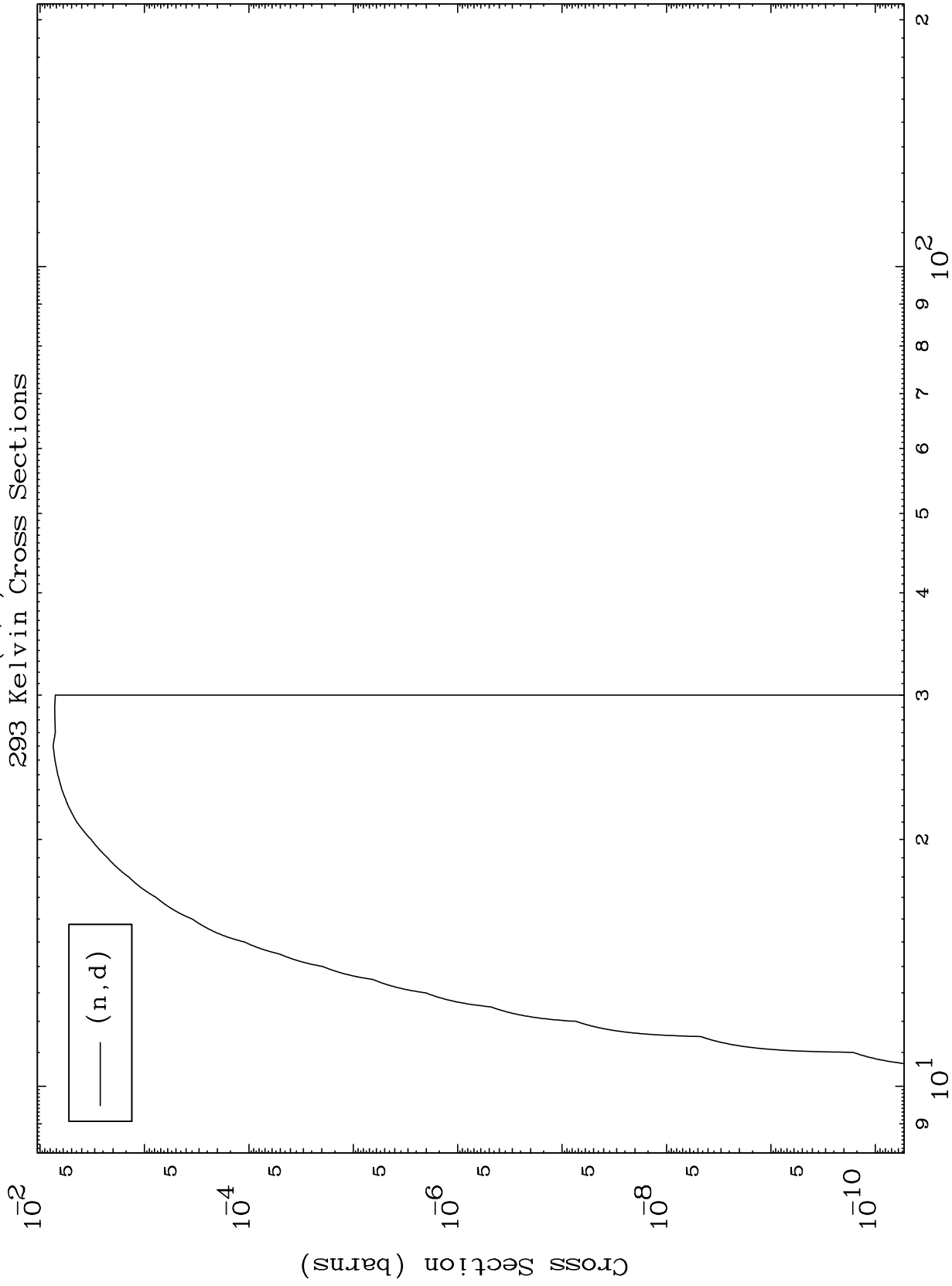
43-Tc-109



MAT 4355

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-109



8

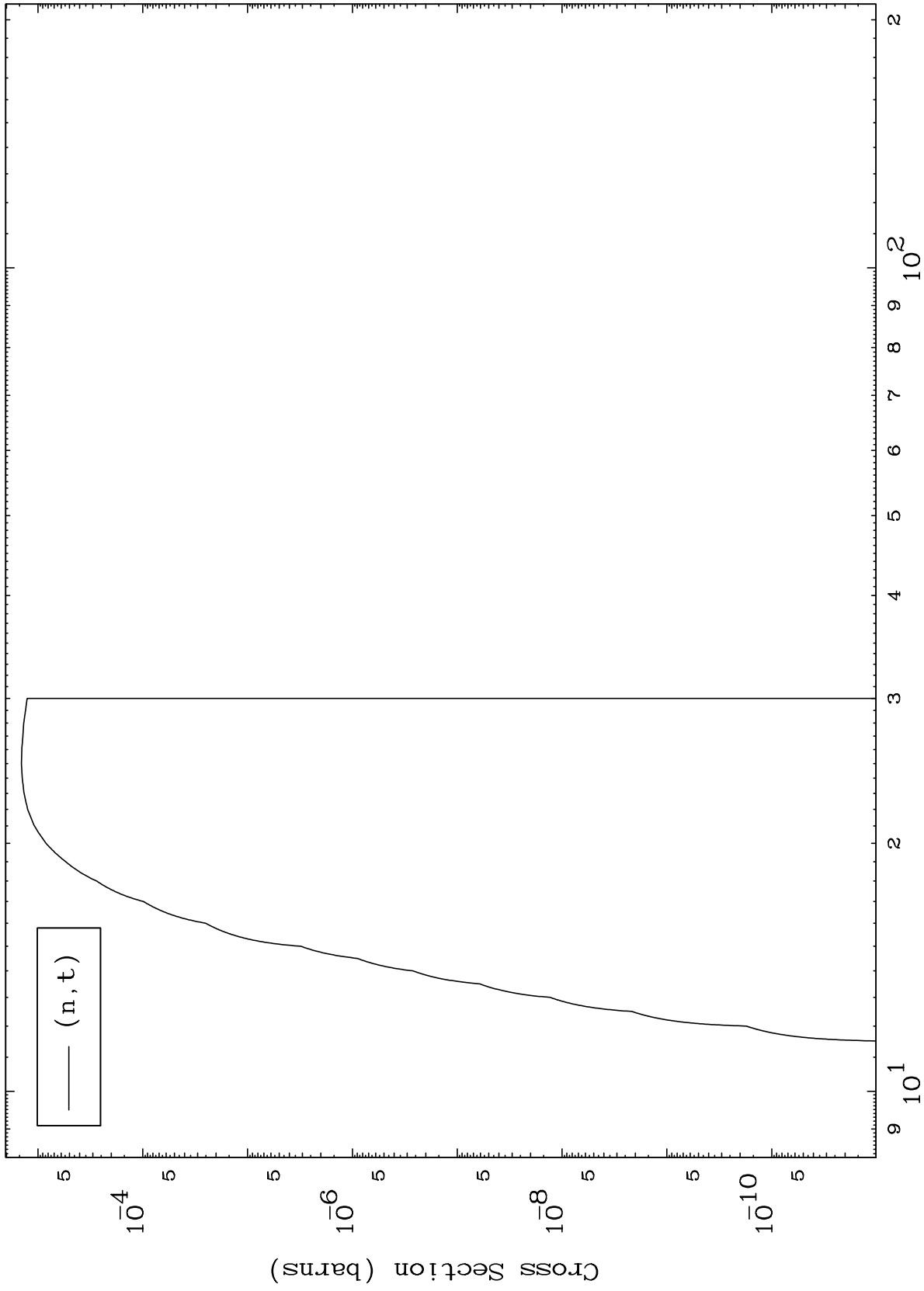
Incident Energy (MeV)

43-Tc-109

MAT 4355

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-109



9

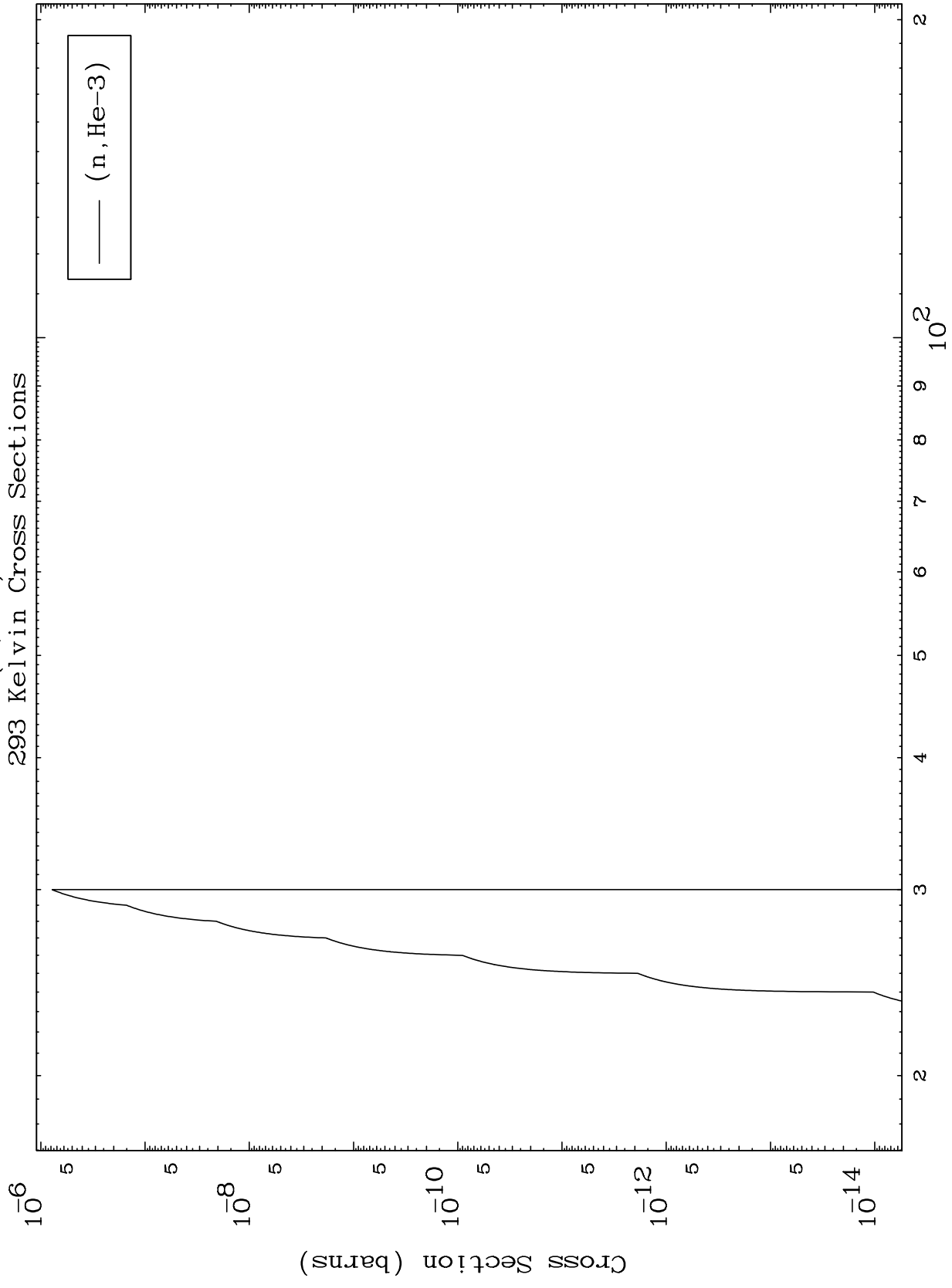
Incident Energy (MeV)

43-Tc-109

MAT 4355

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-109



10

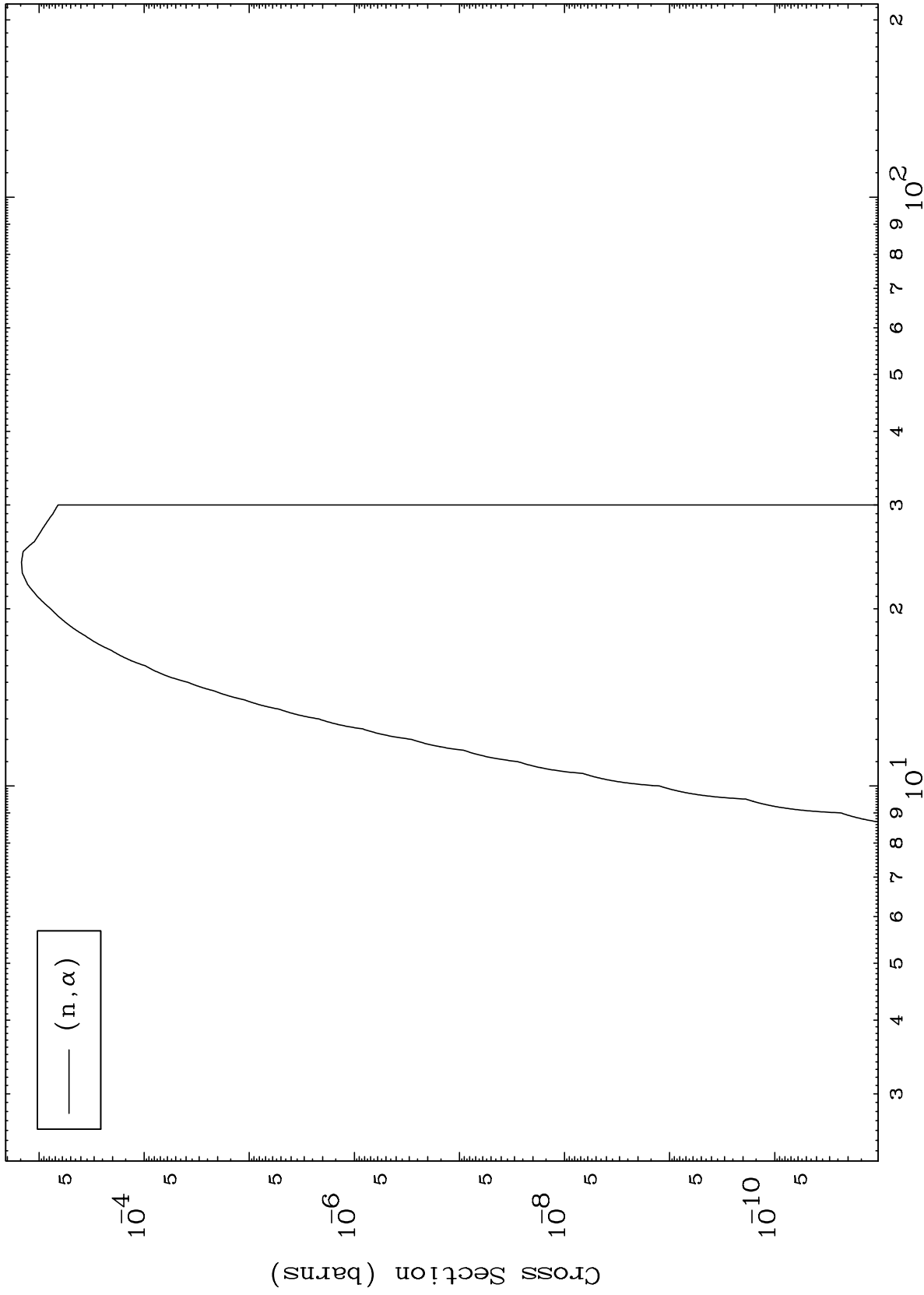
Incident Energy (MeV)

43-Tc-109

MAT 4355

(n,α) Levels  
293 Kelvin Cross Sections

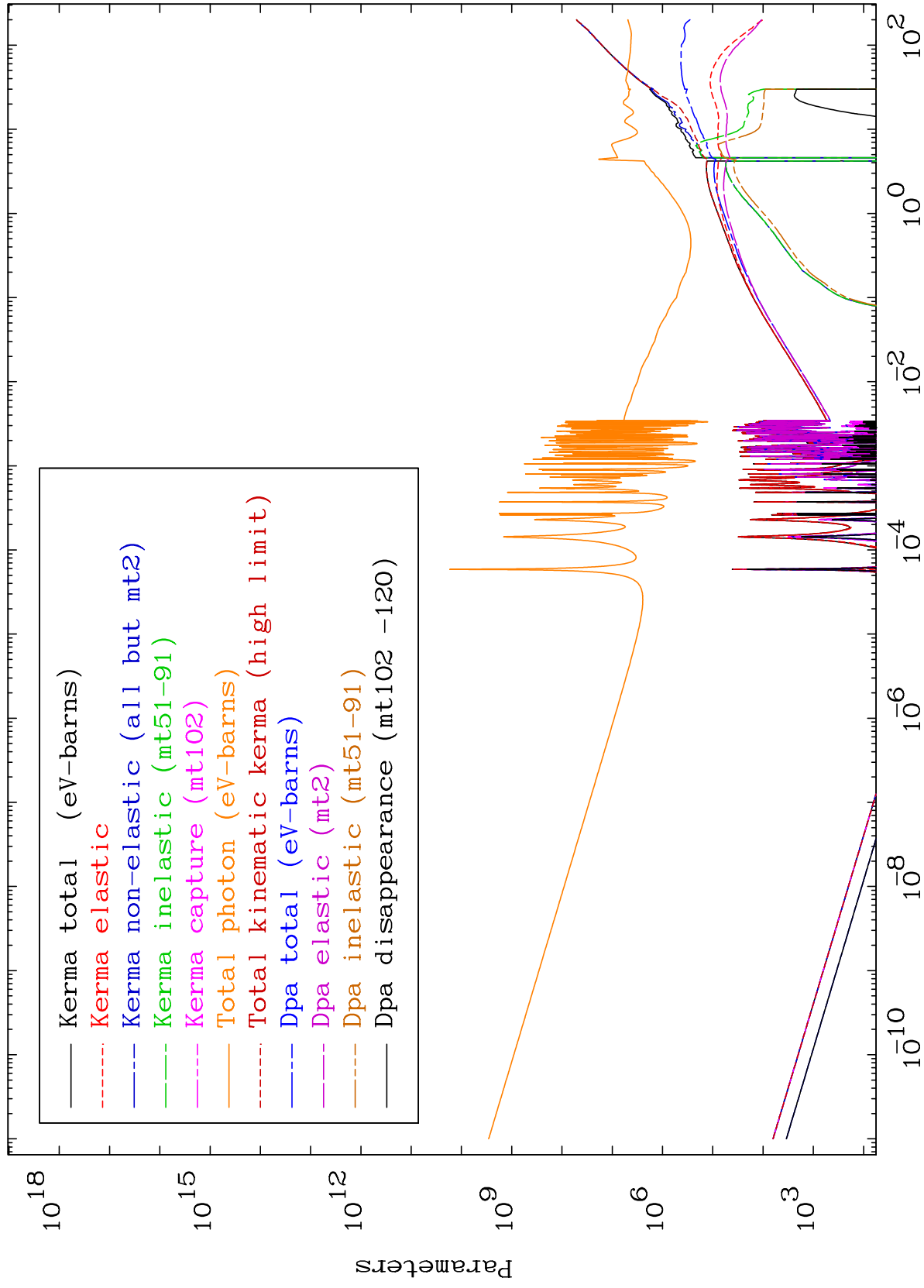
43-Tc-109



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Incident Energy (MeV)

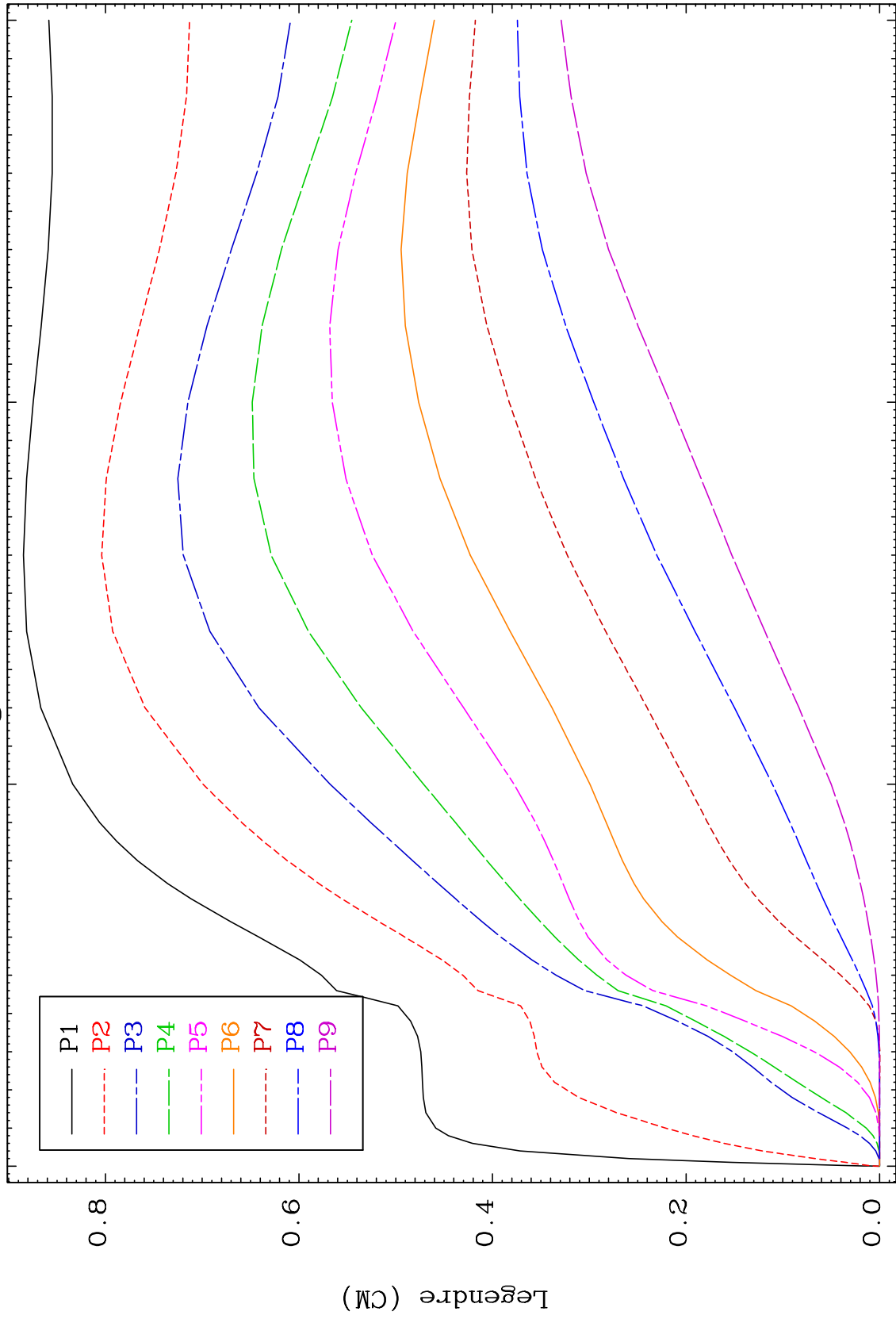
43-Tc-109



MAT 4355

Elastic Legendre Coefficients

43-Tc-109



13

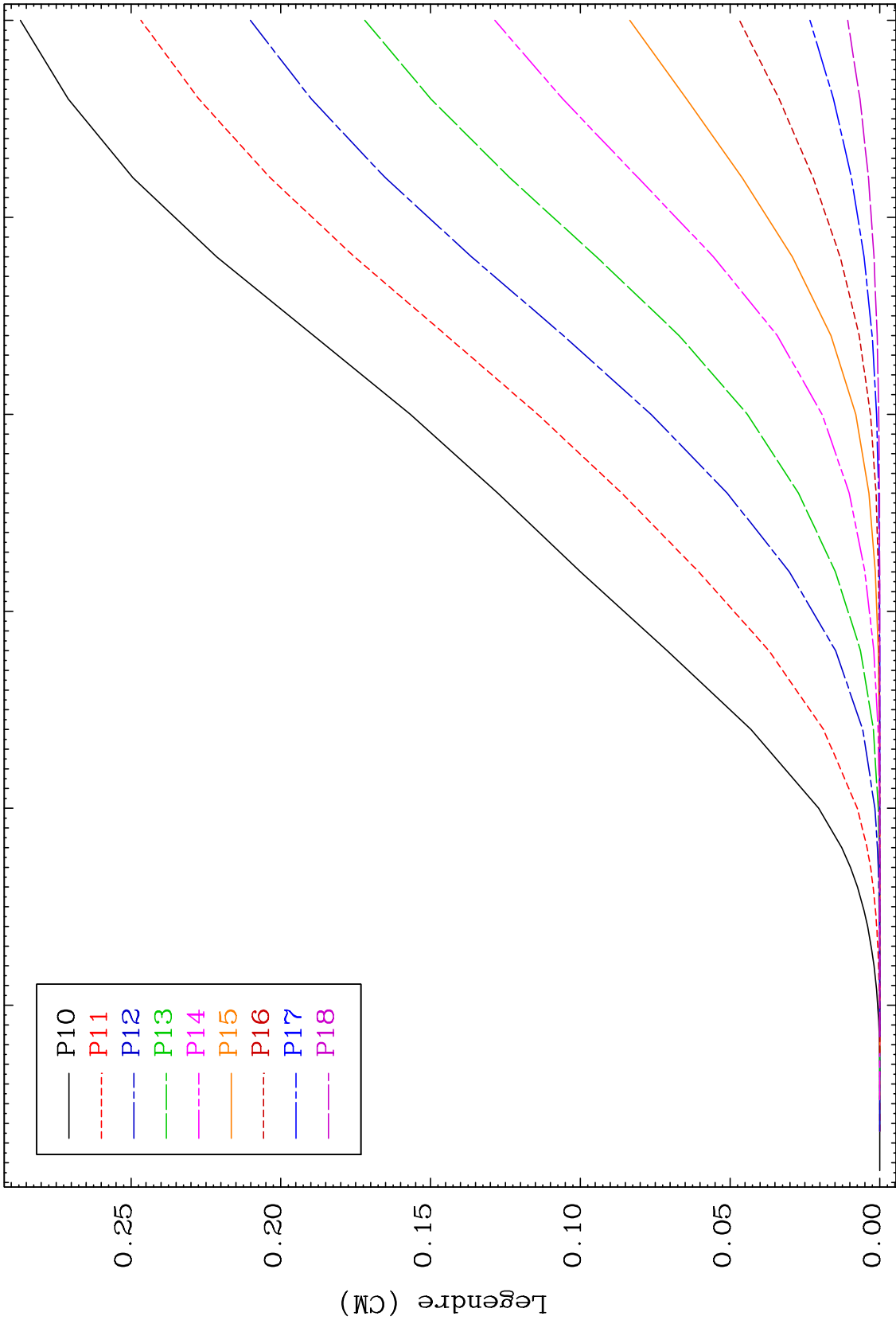
Incident Energy (MeV)

43-Tc-109

MAT 4355

Elastic Legendre Coefficients

43-Tc-109



14

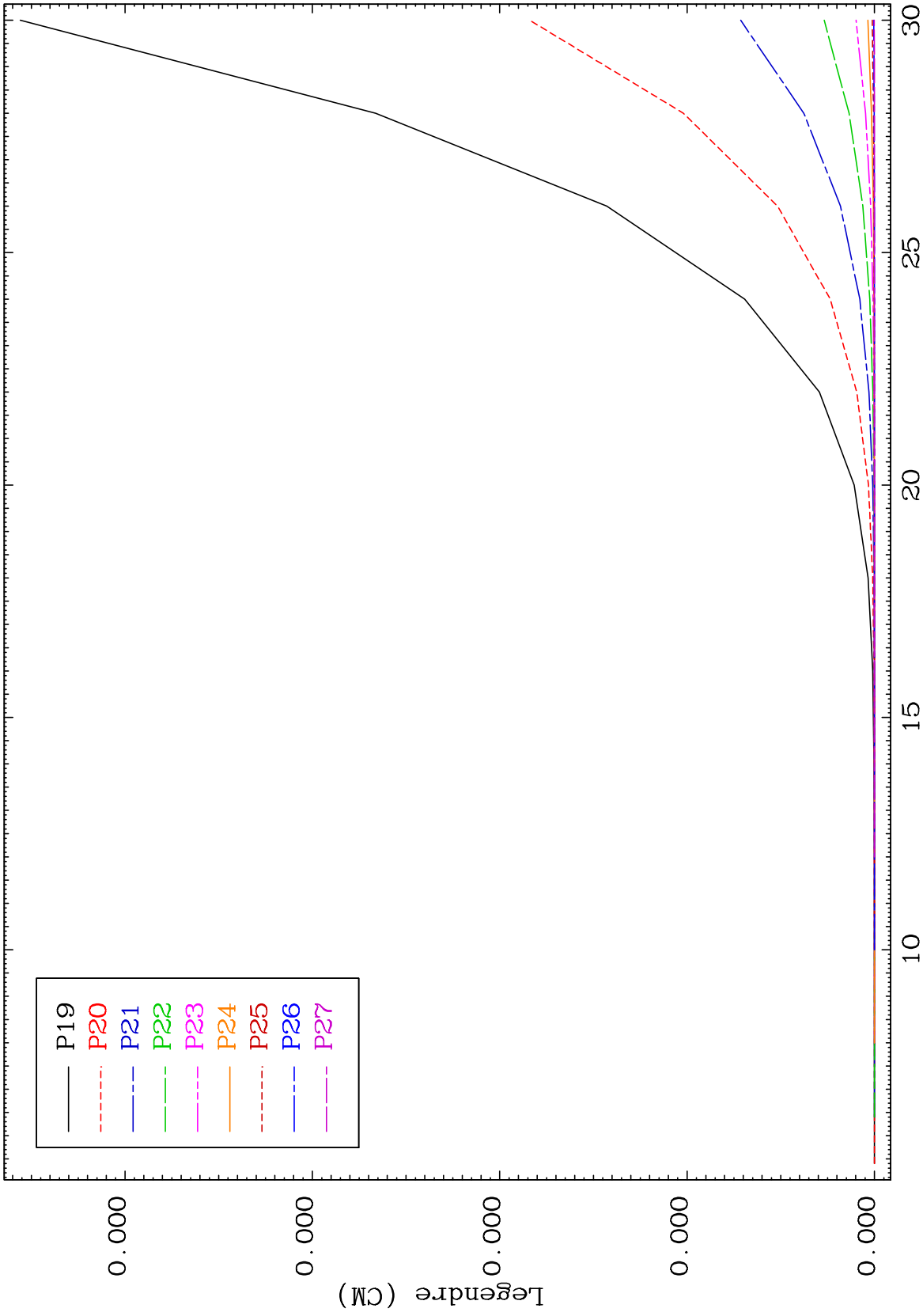
Incident Energy (MeV)

43-Tc-109

MAT 4355

### Elastic Legendre Coefficients

43-Tc-109



15

Incident Energy (MeV)

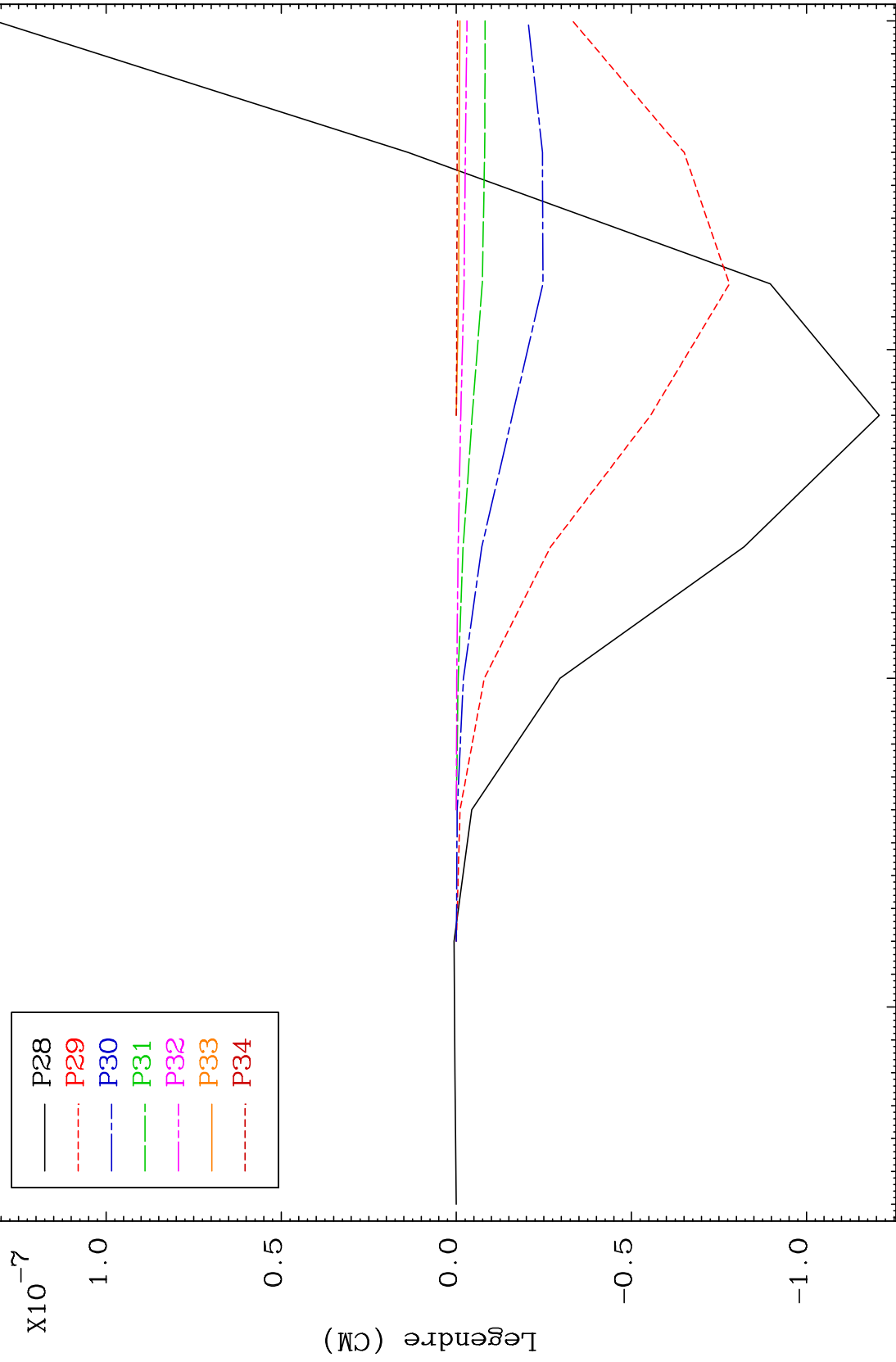
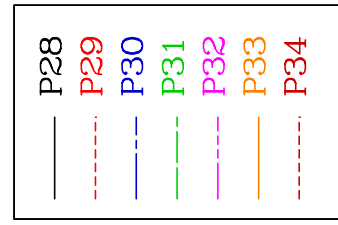
43-Tc-109



MAT 4355

Elastic Legendre Coefficients

43-Tc-109



16

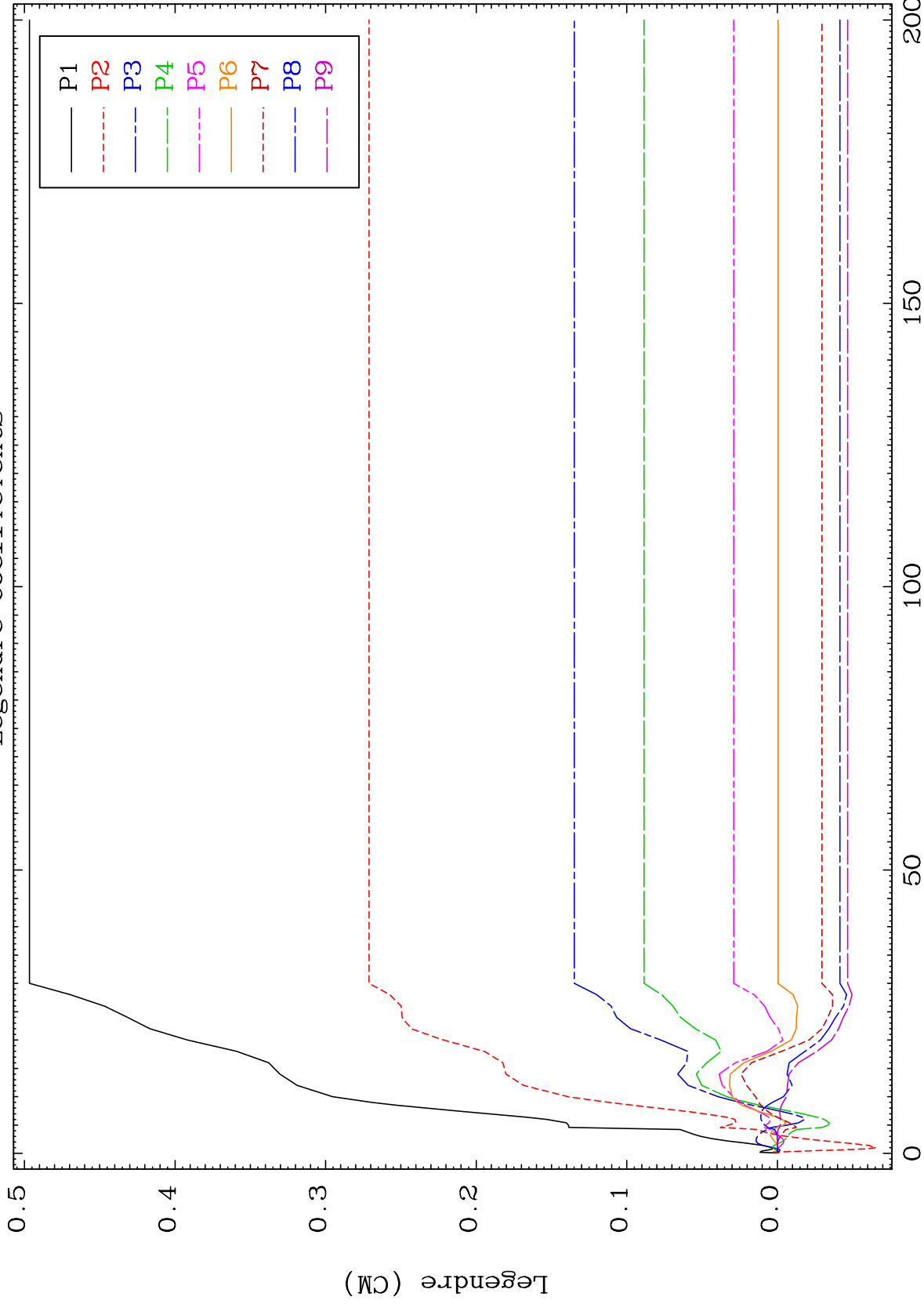
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



17

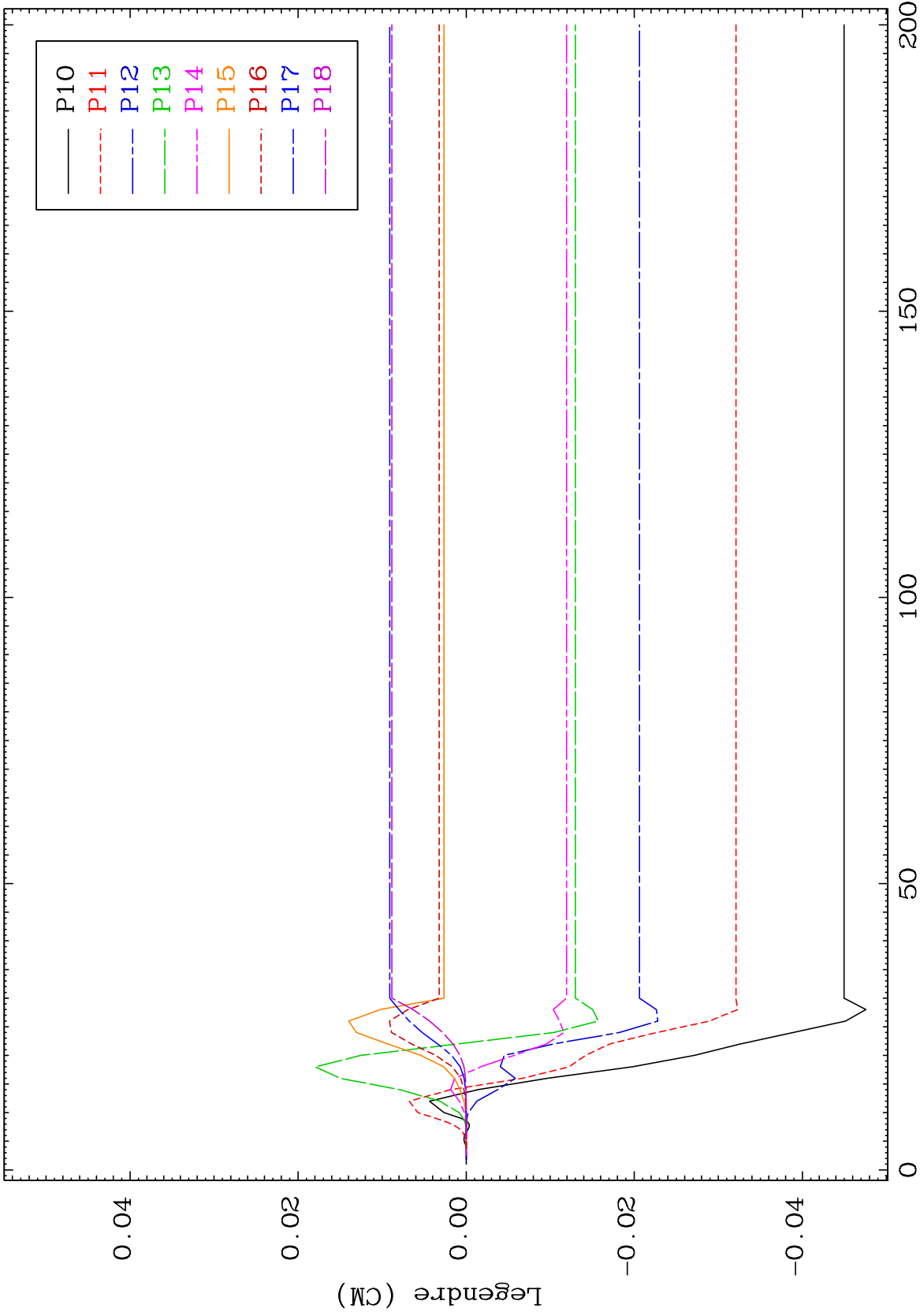
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



18

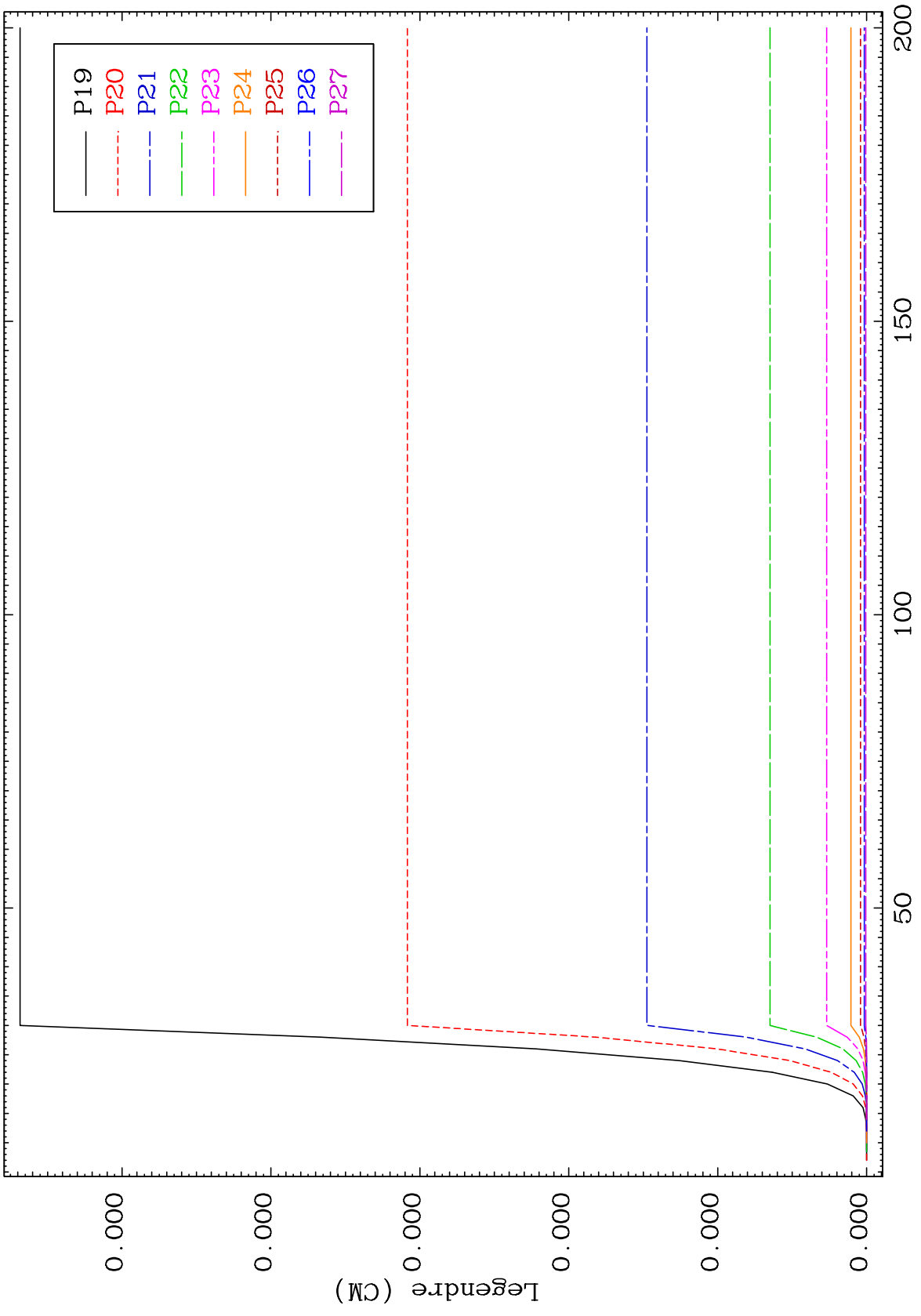
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



19

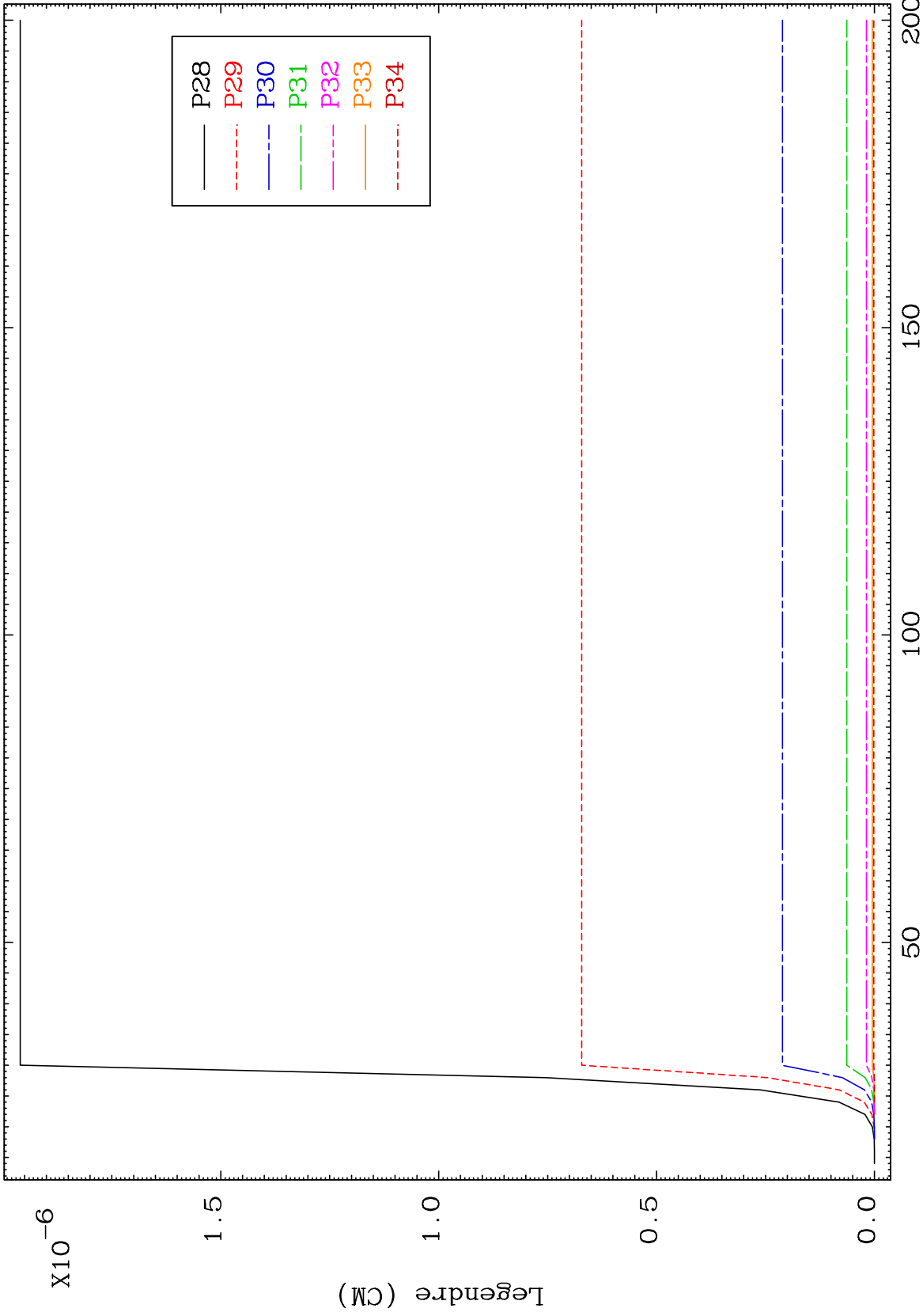
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



20

50

100

150

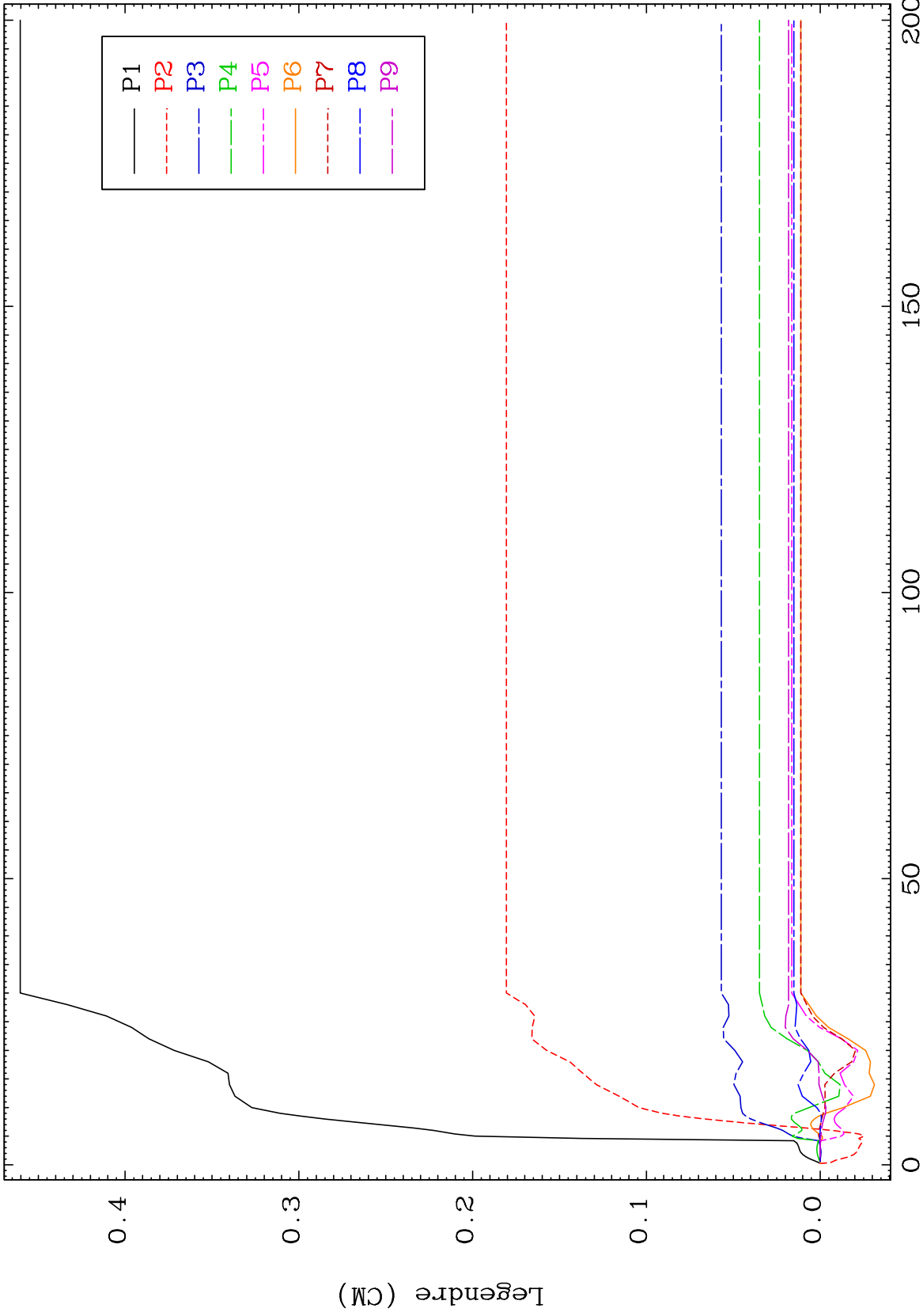
200

43-Tc-109

MAT 4355

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

43-Tc-109



21

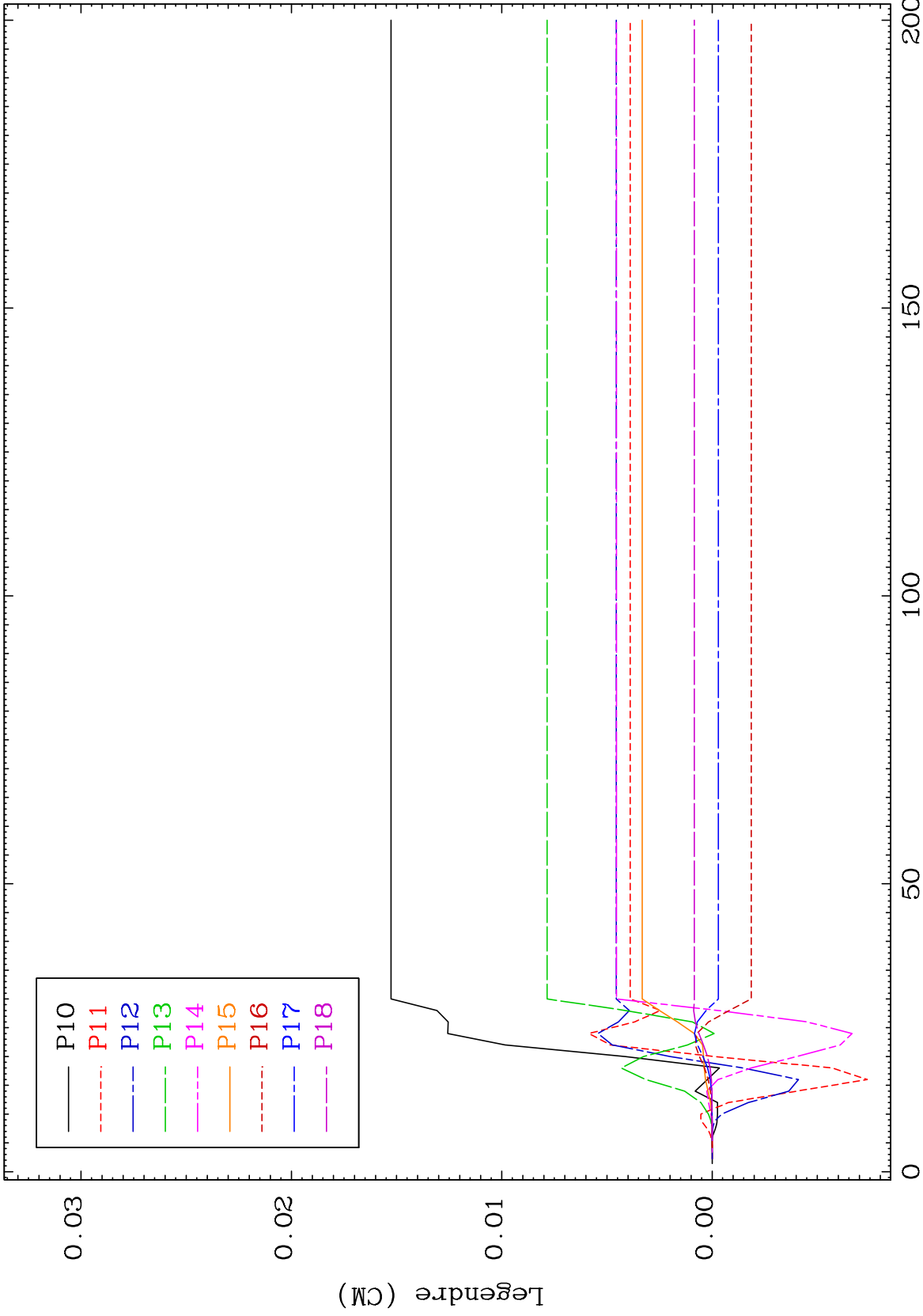
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



22

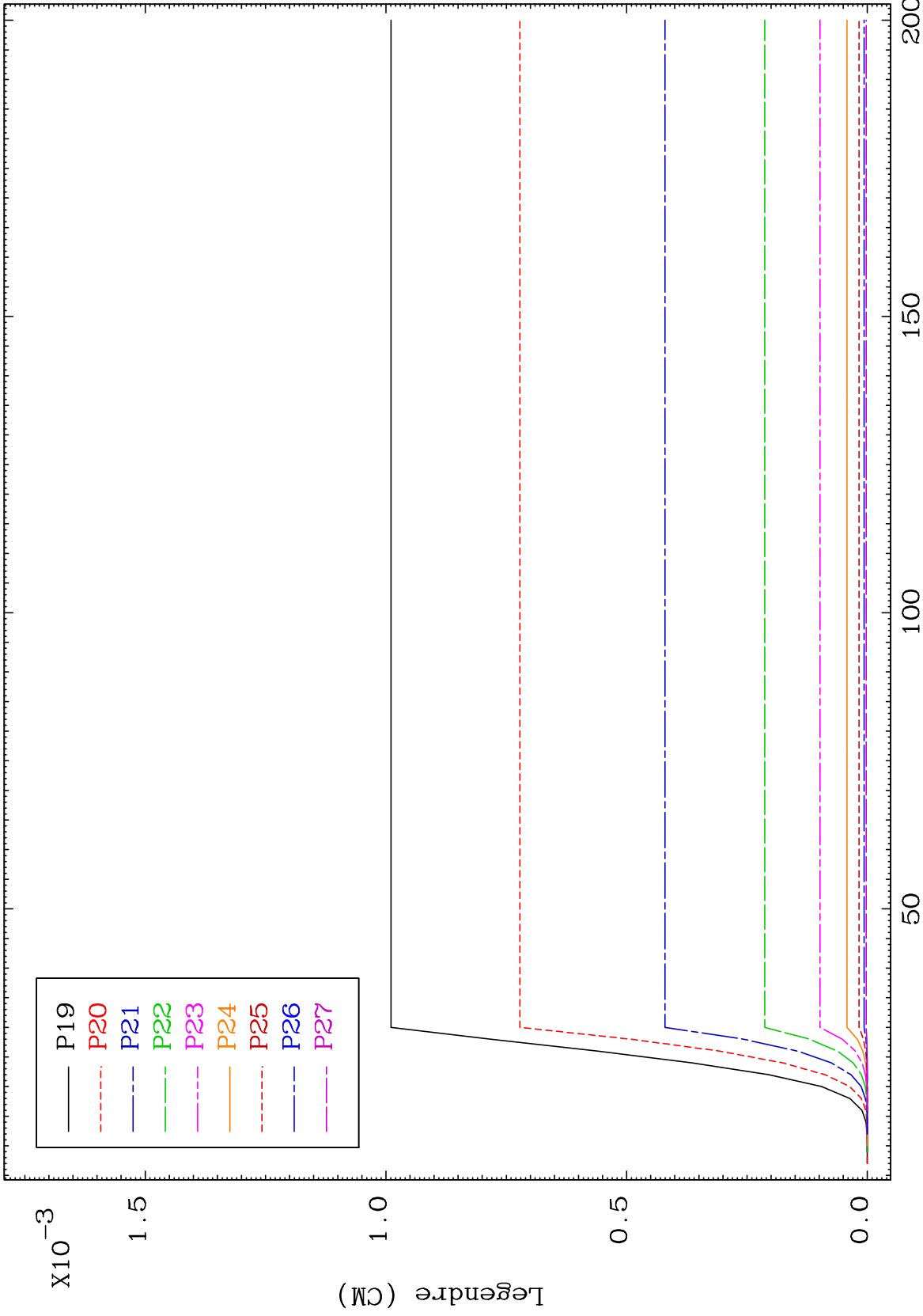
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



23

Incident Energy (MeV)

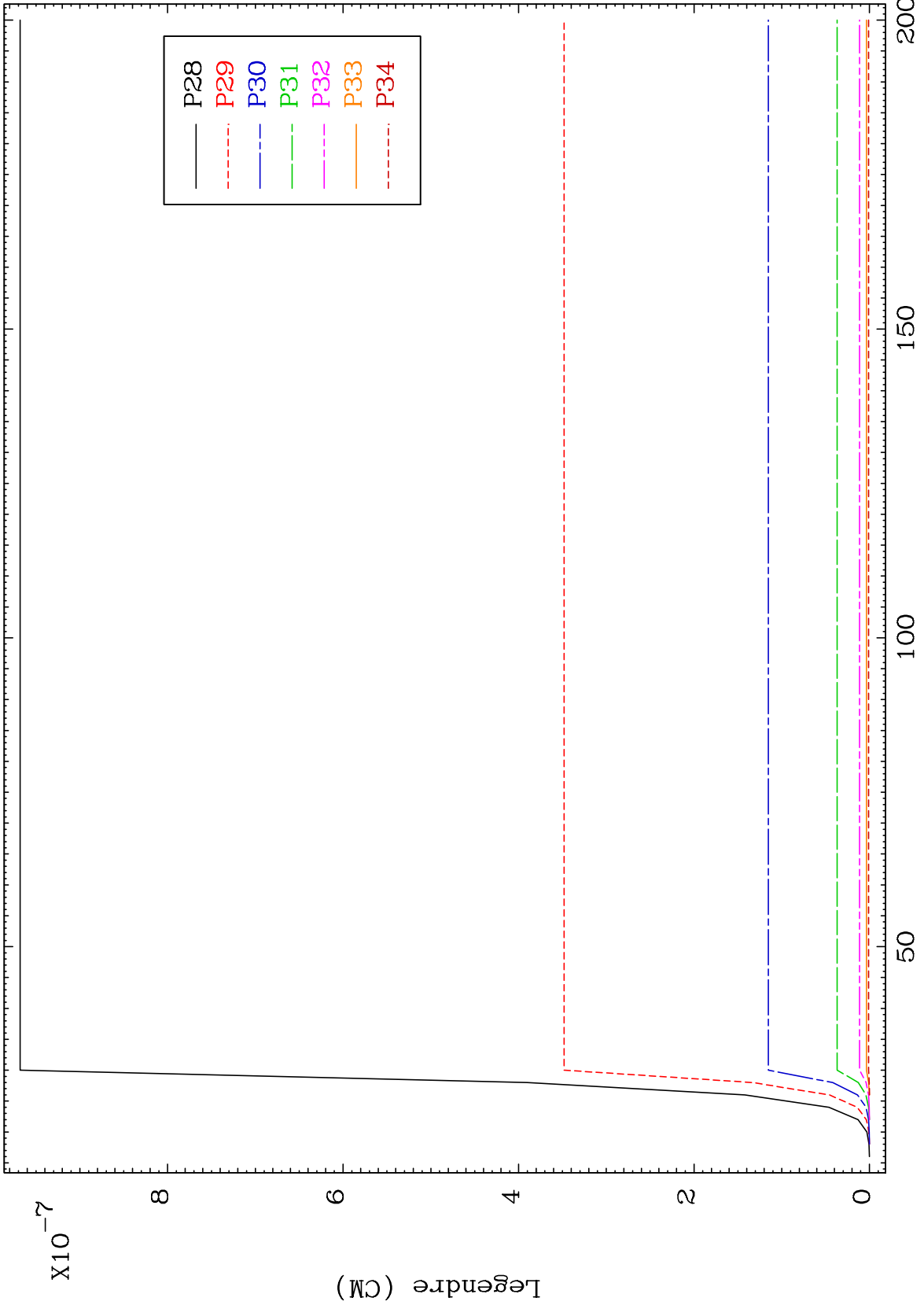
43-Tc-109



MAT 4355

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

43-Tc-109



24

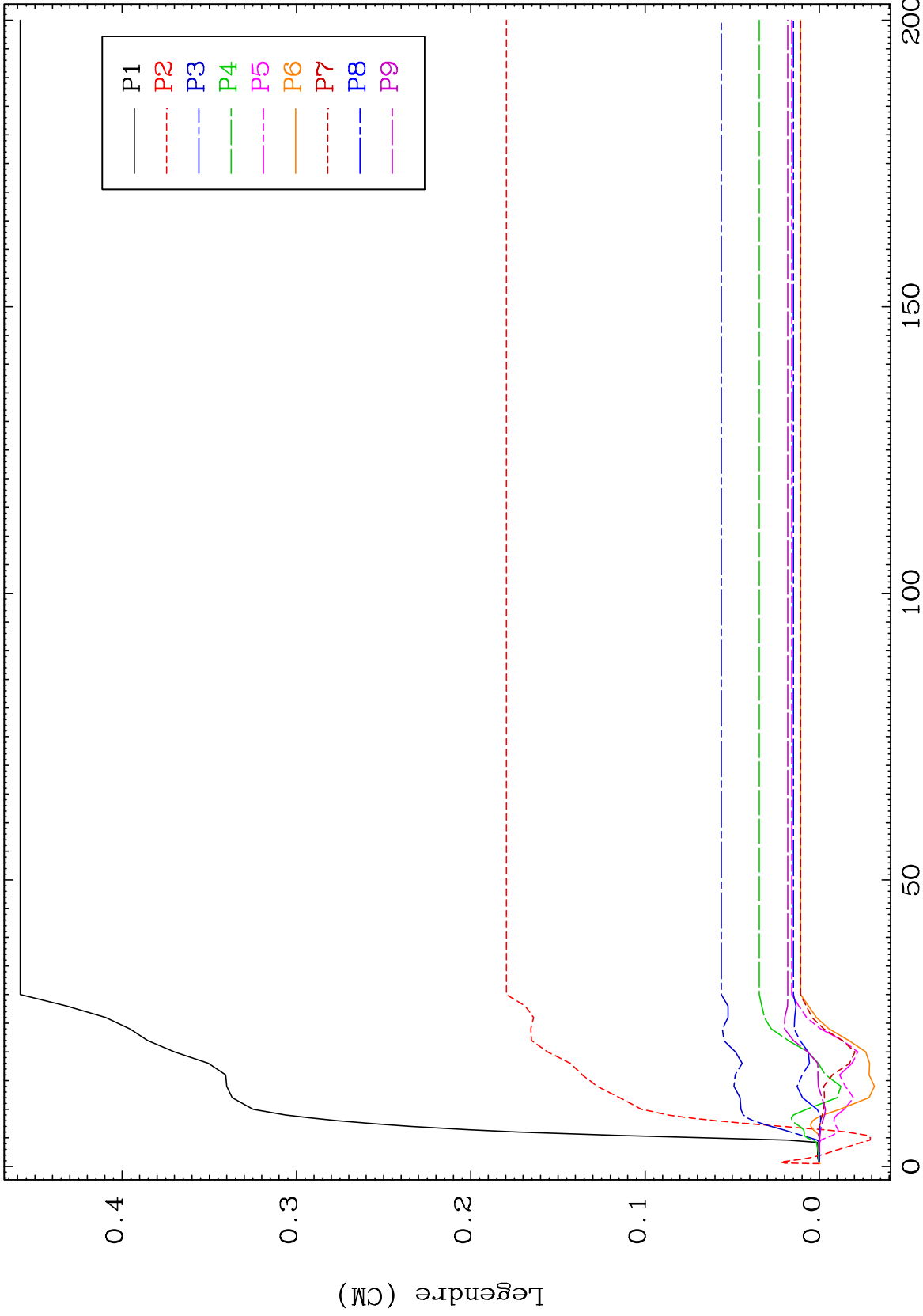
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



25

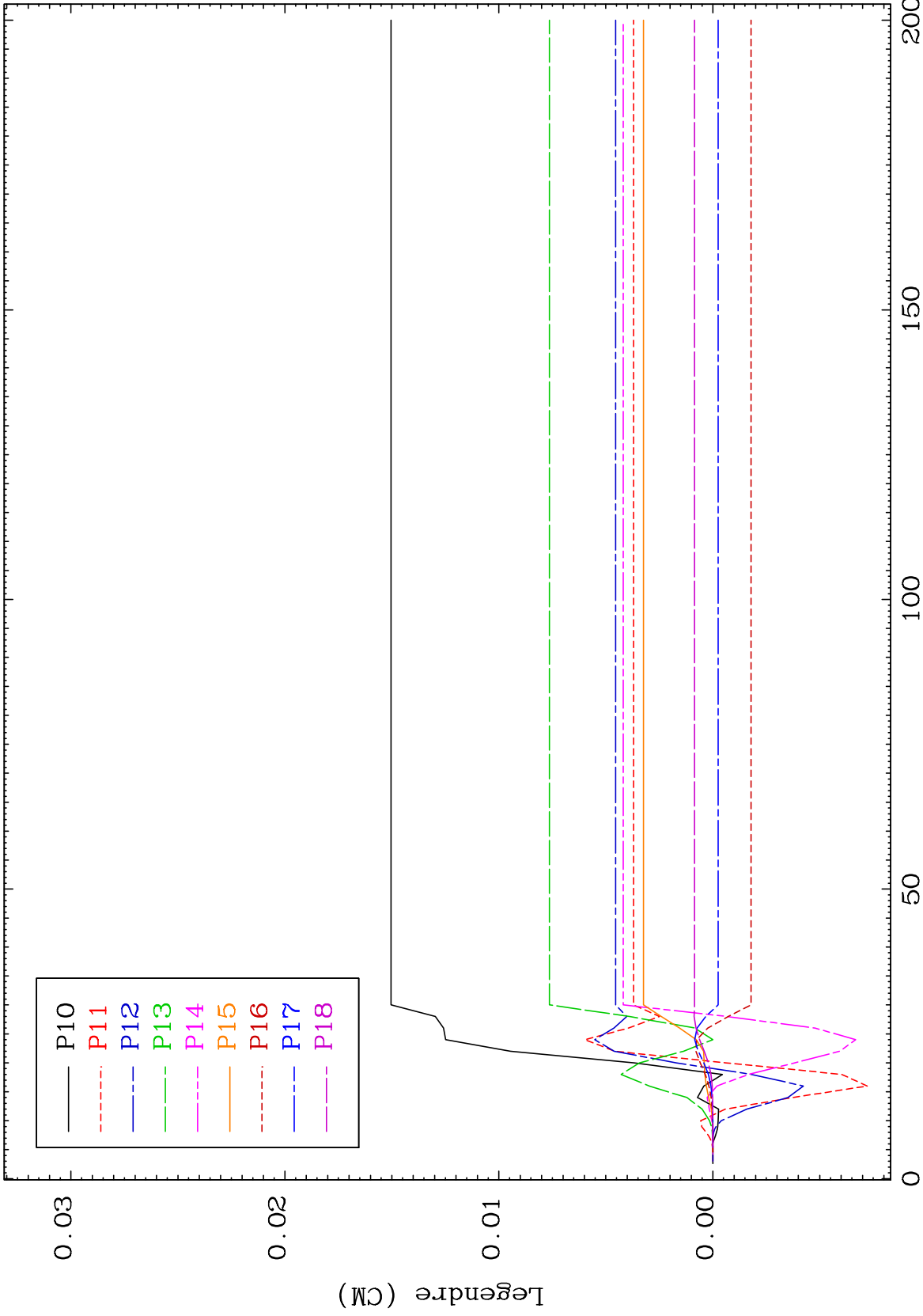
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



26

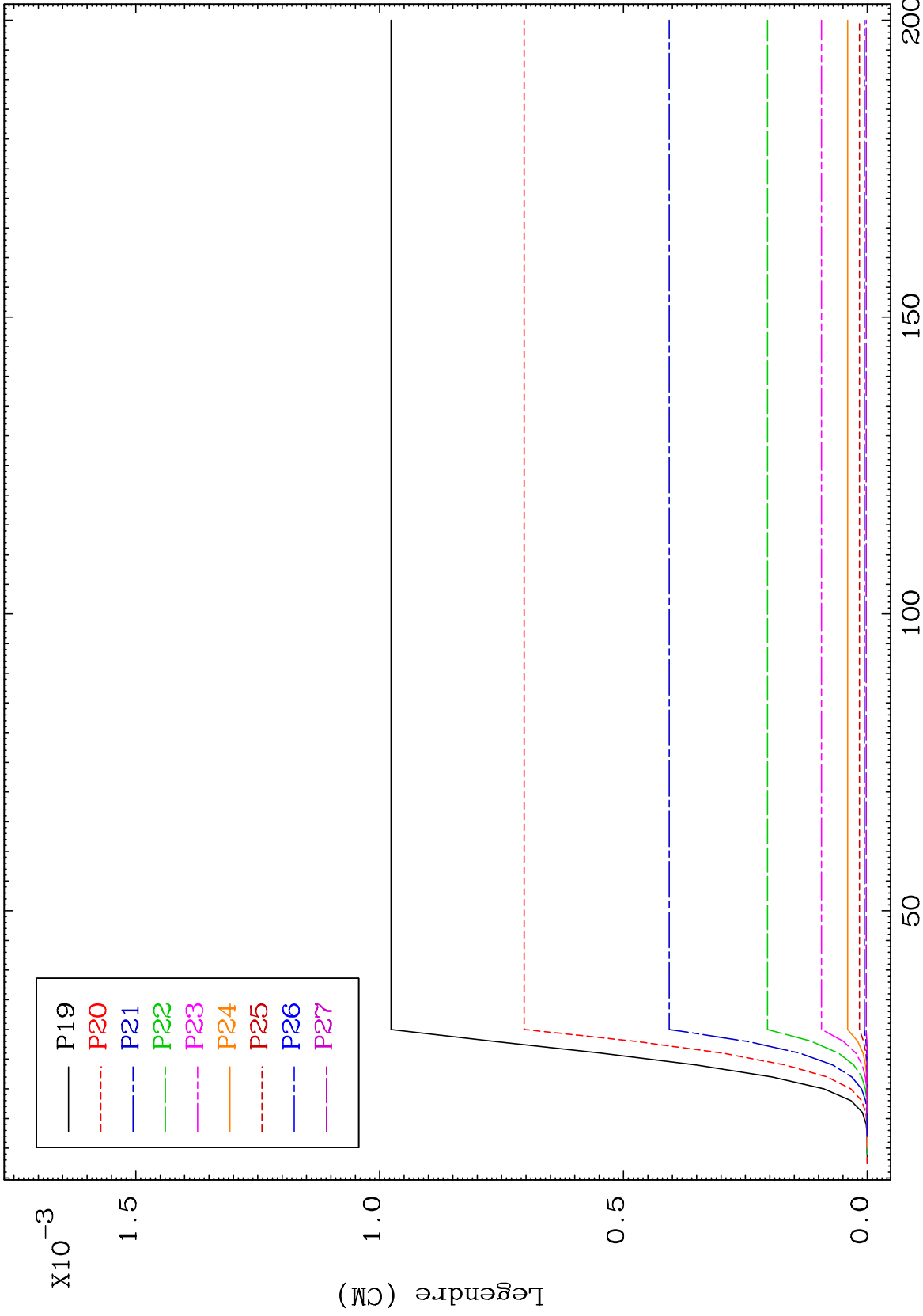
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



27

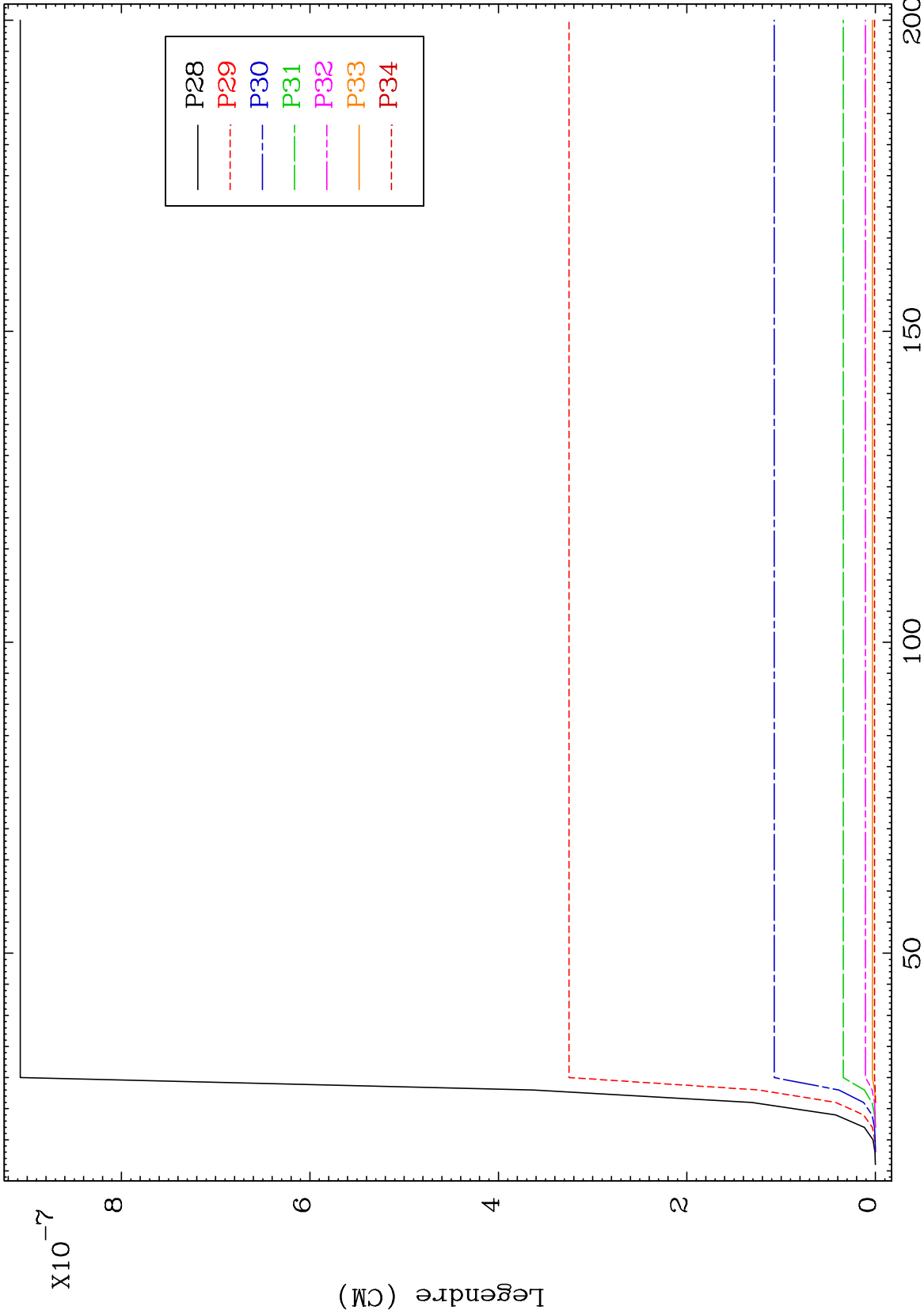
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



28

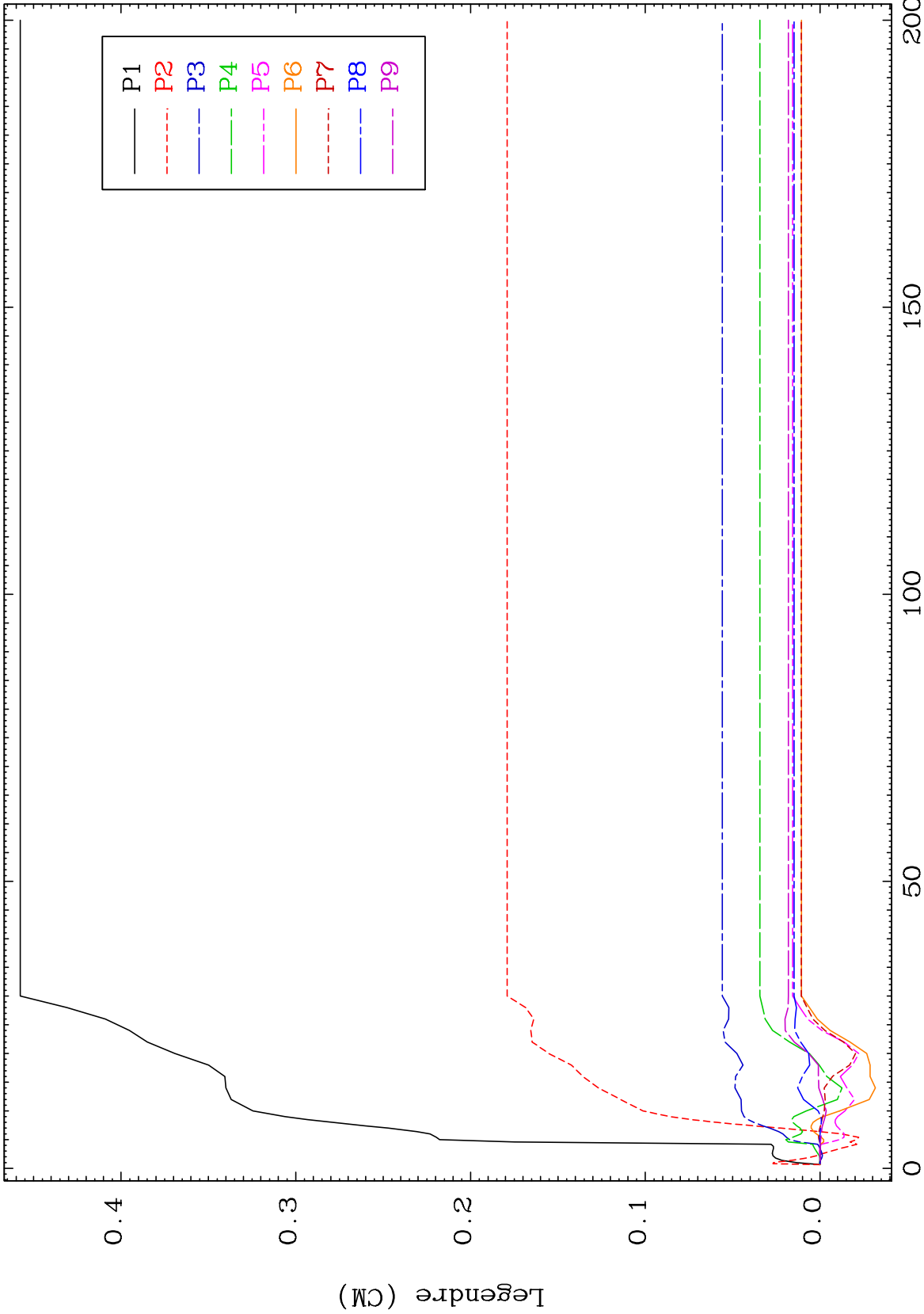
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



29

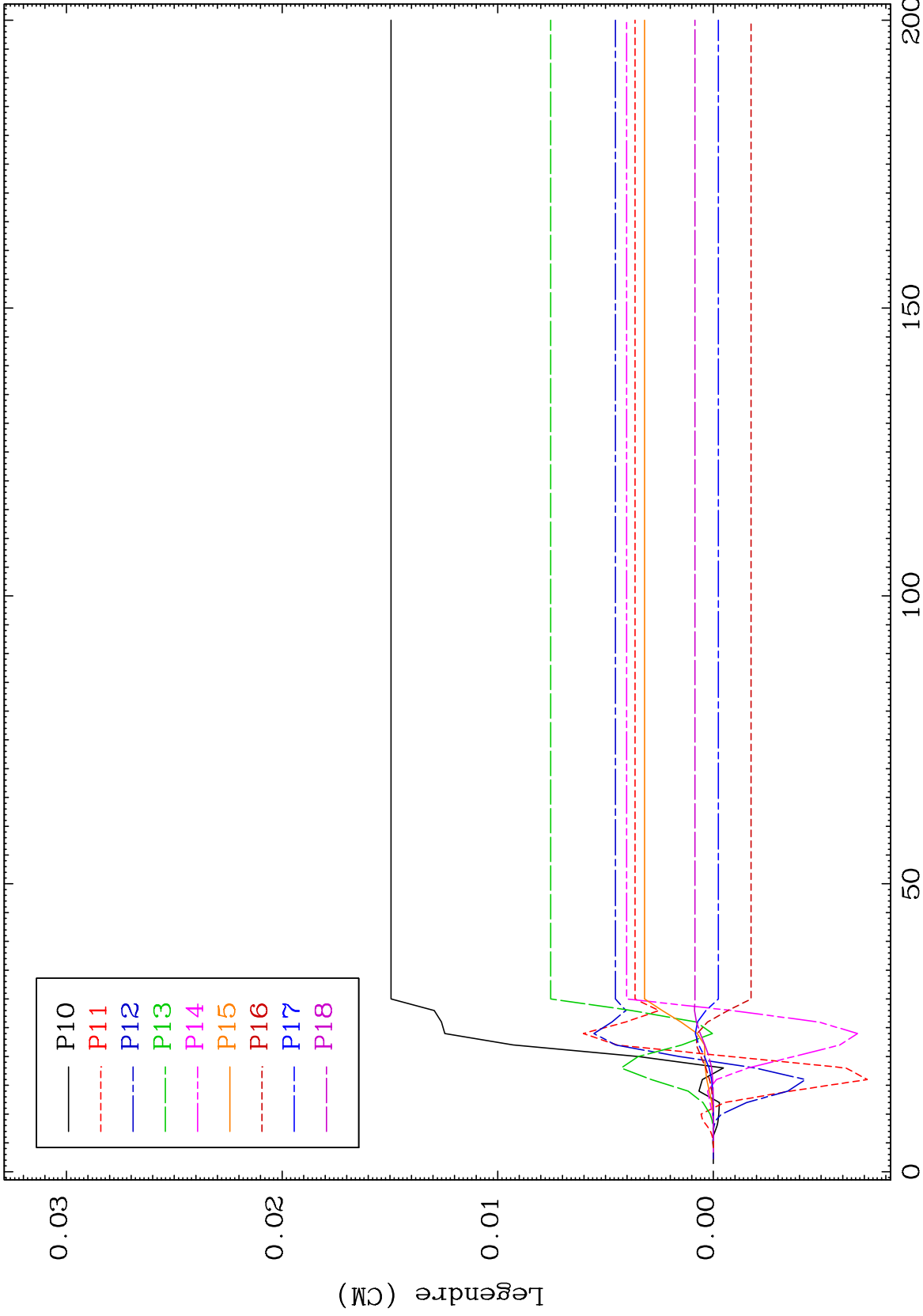
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



30

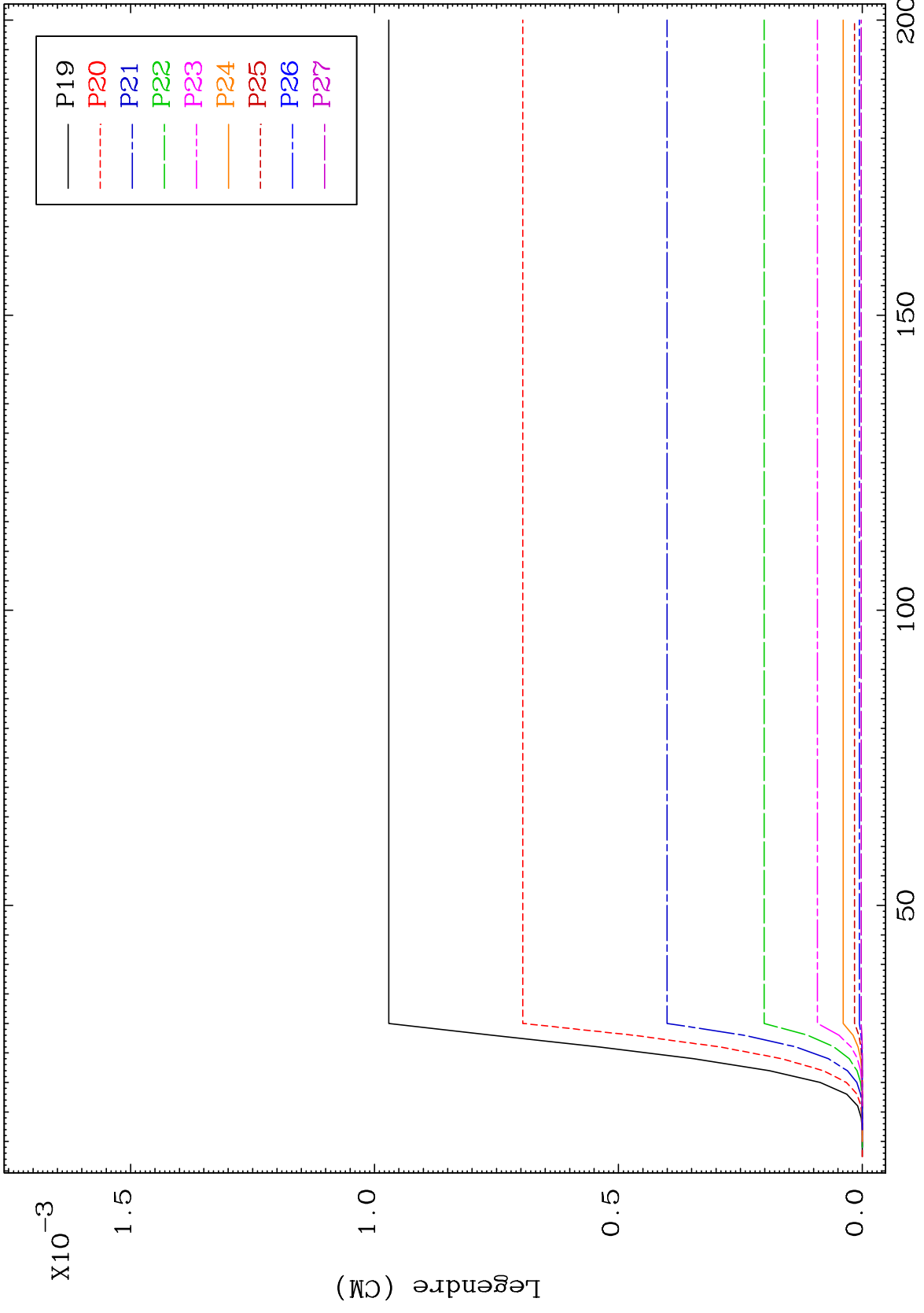
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



31

Incident Energy (MeV)

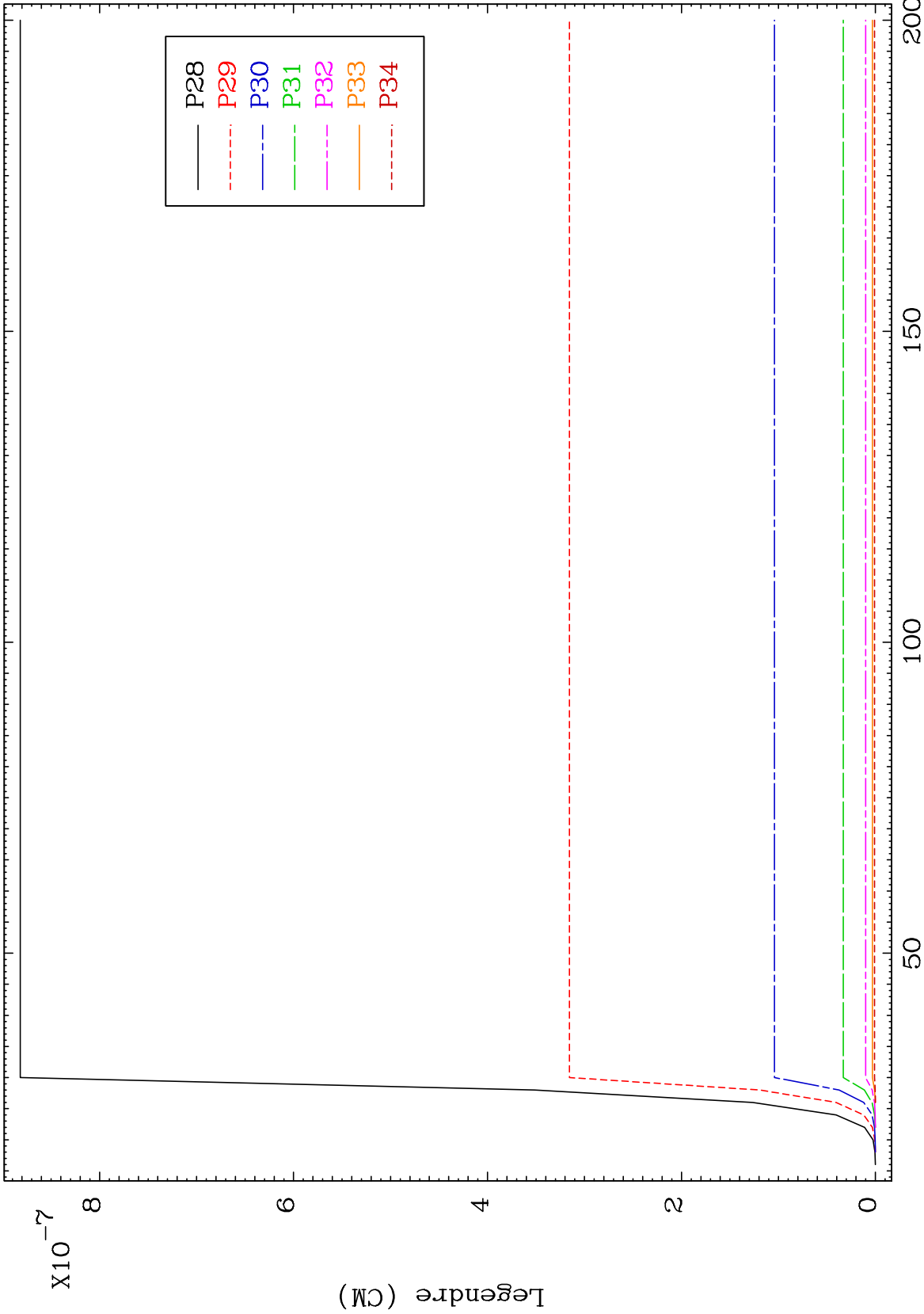
43-Tc-109



MAT 4355

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

43-Tc-109



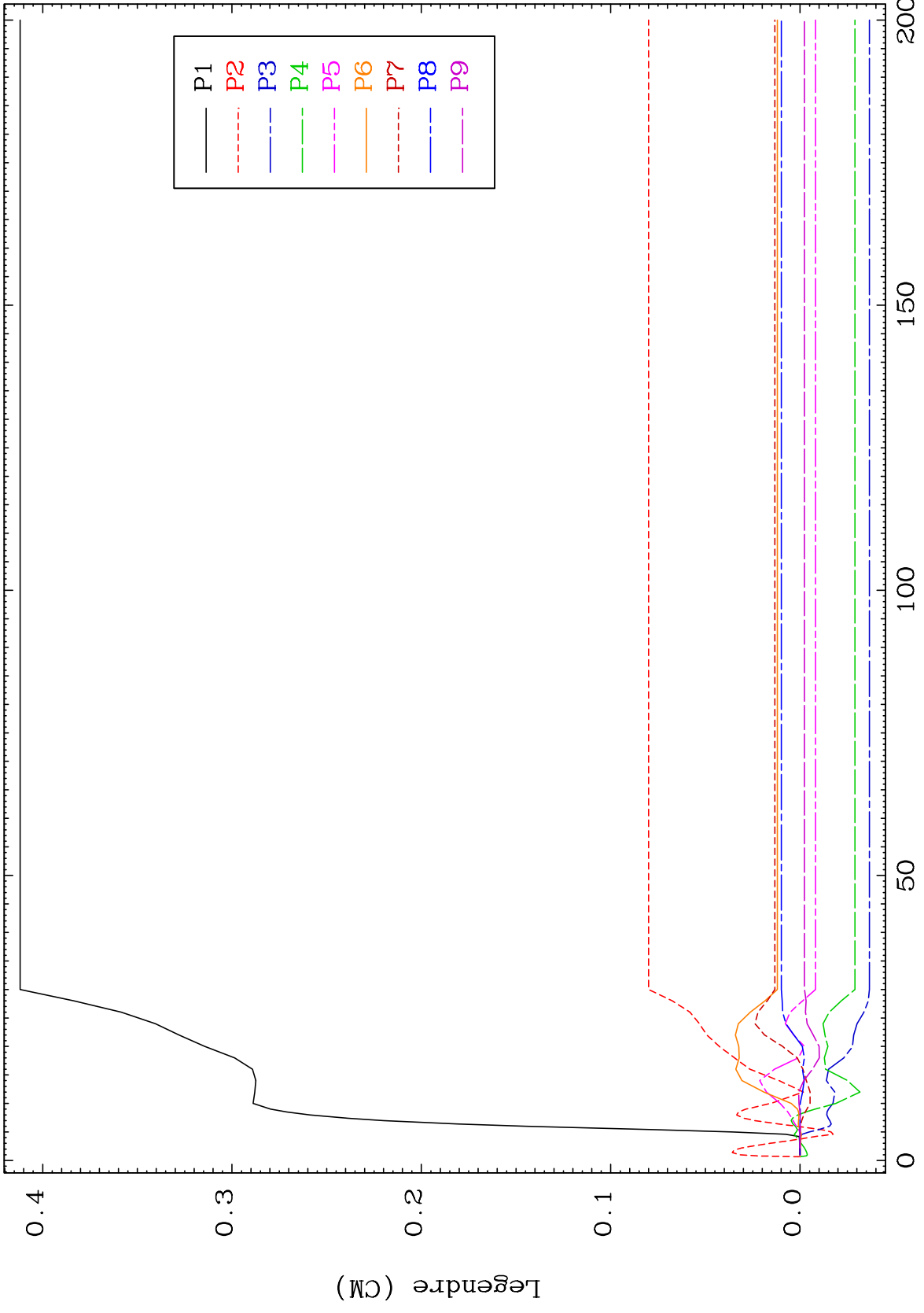
32

43-Tc-109

MAT 4355

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

43-Tc-109



33

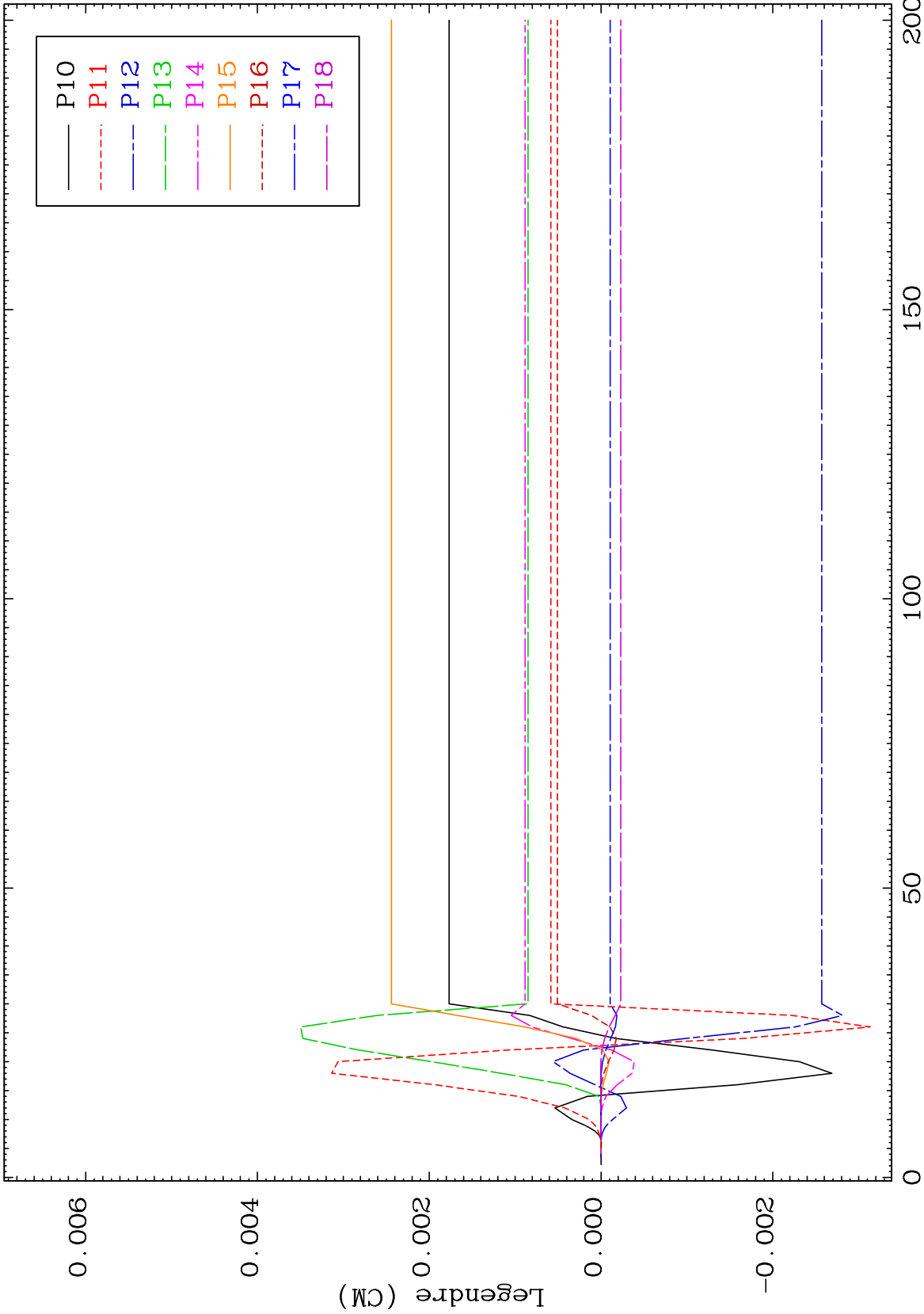
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



34

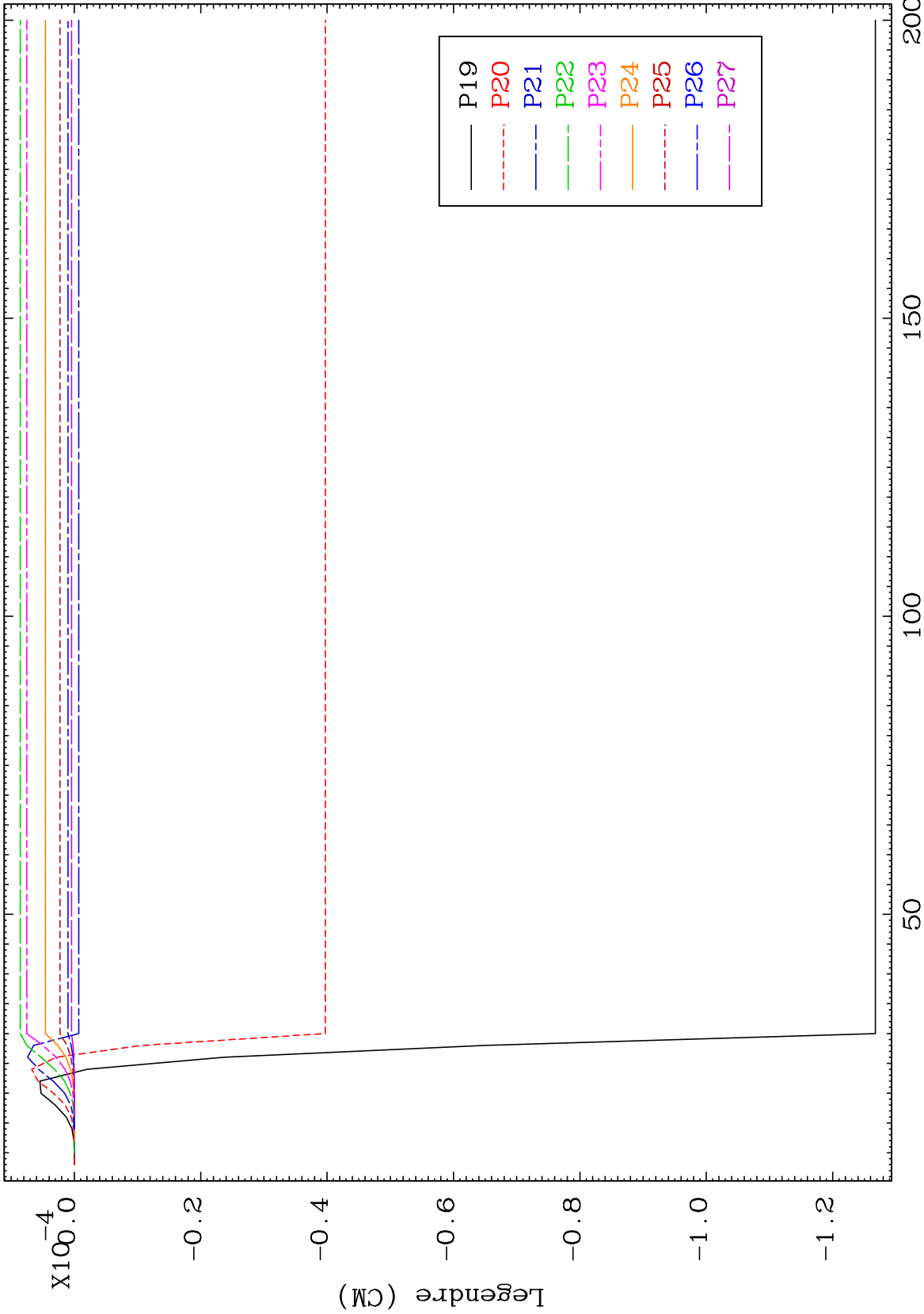
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



35

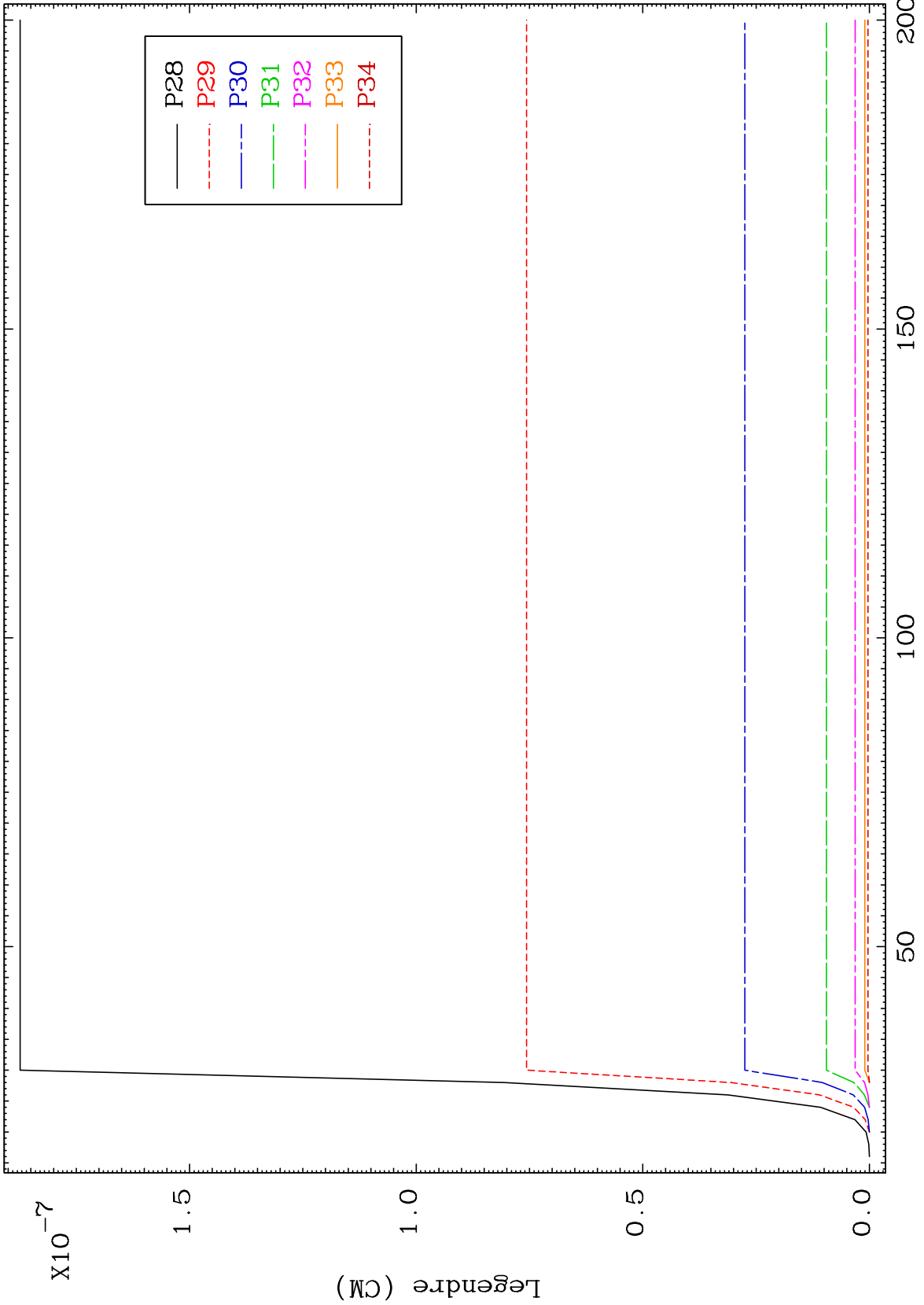
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



36

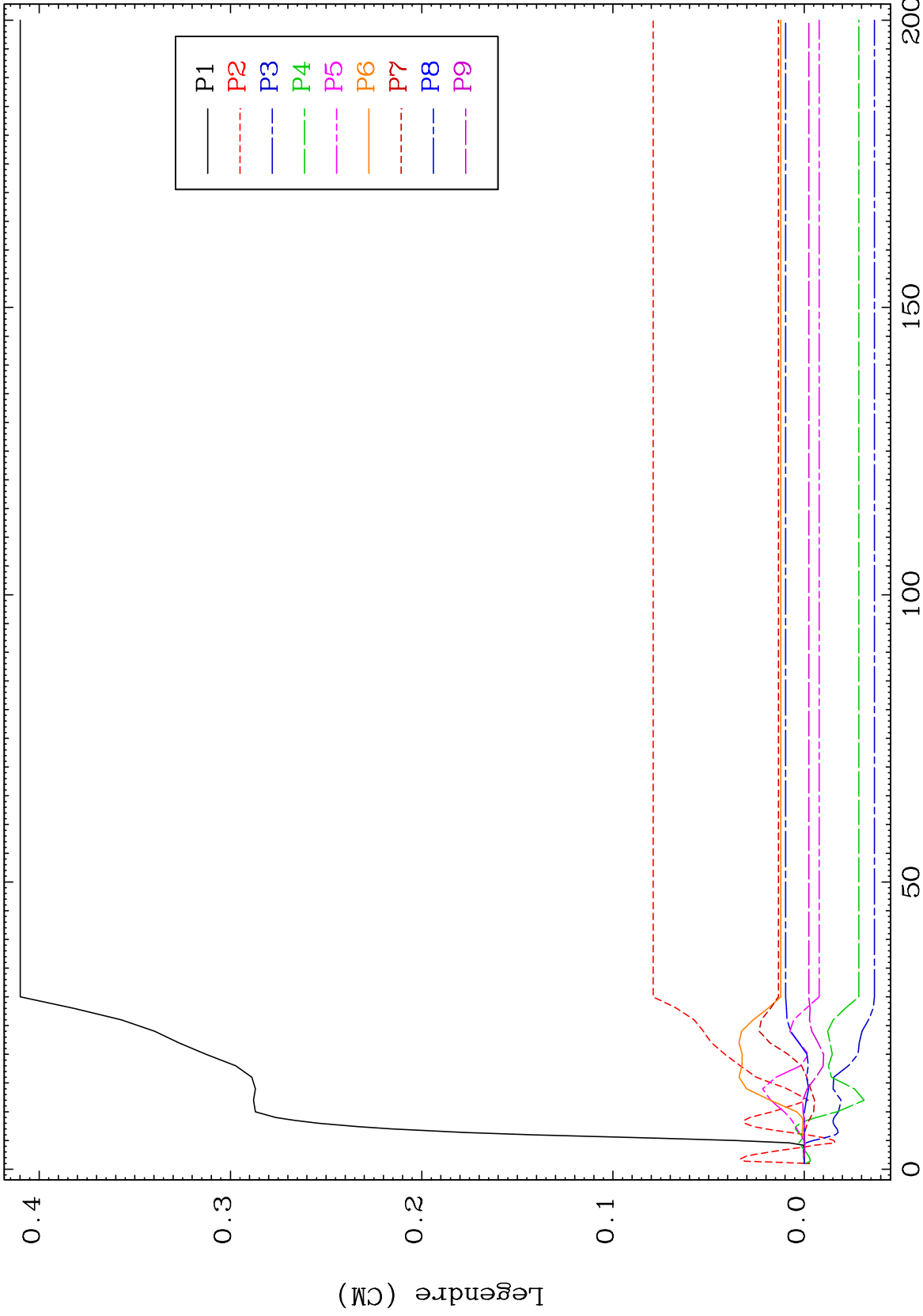
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



37

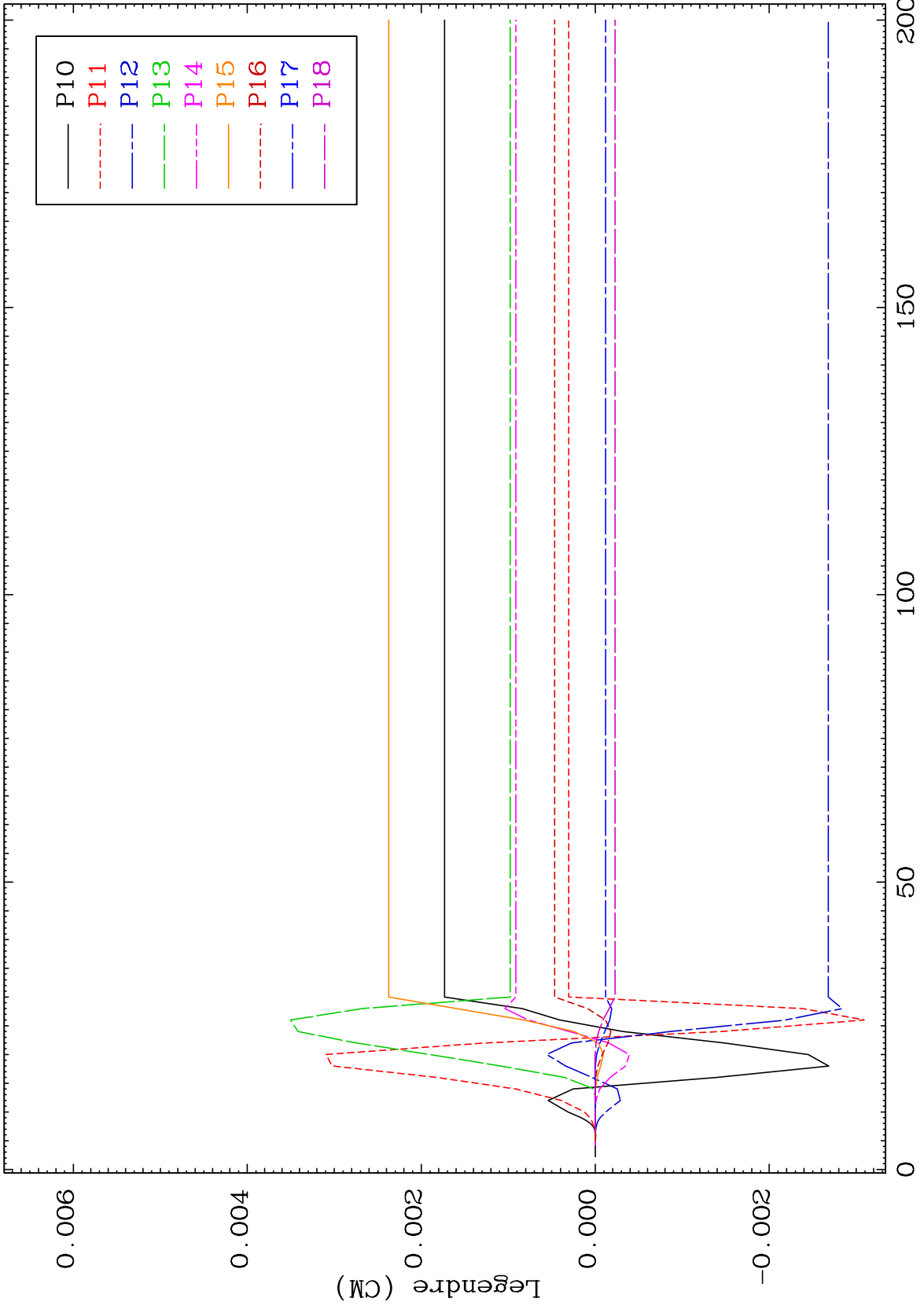
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



38

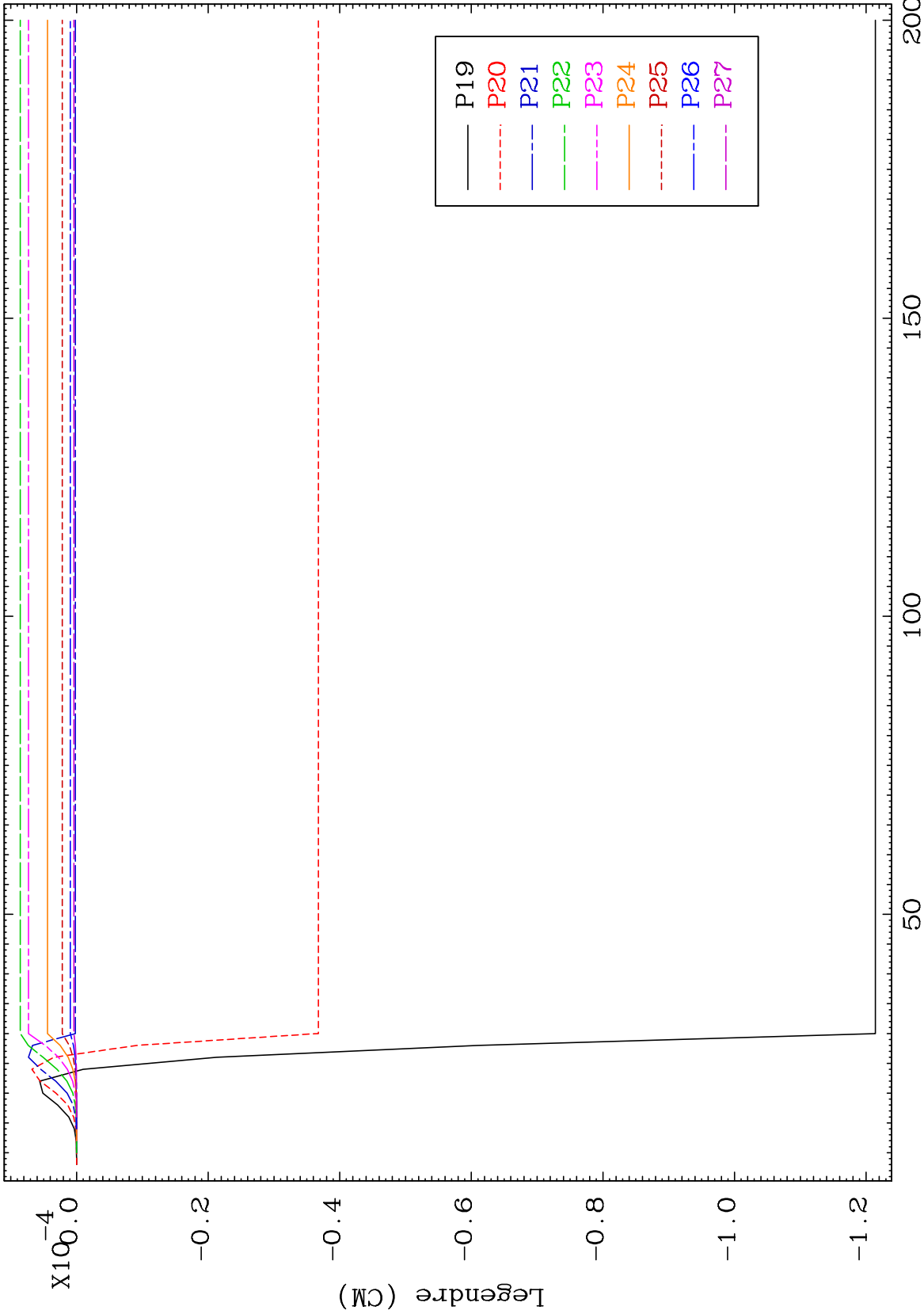
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



39

Incident Energy (MeV)

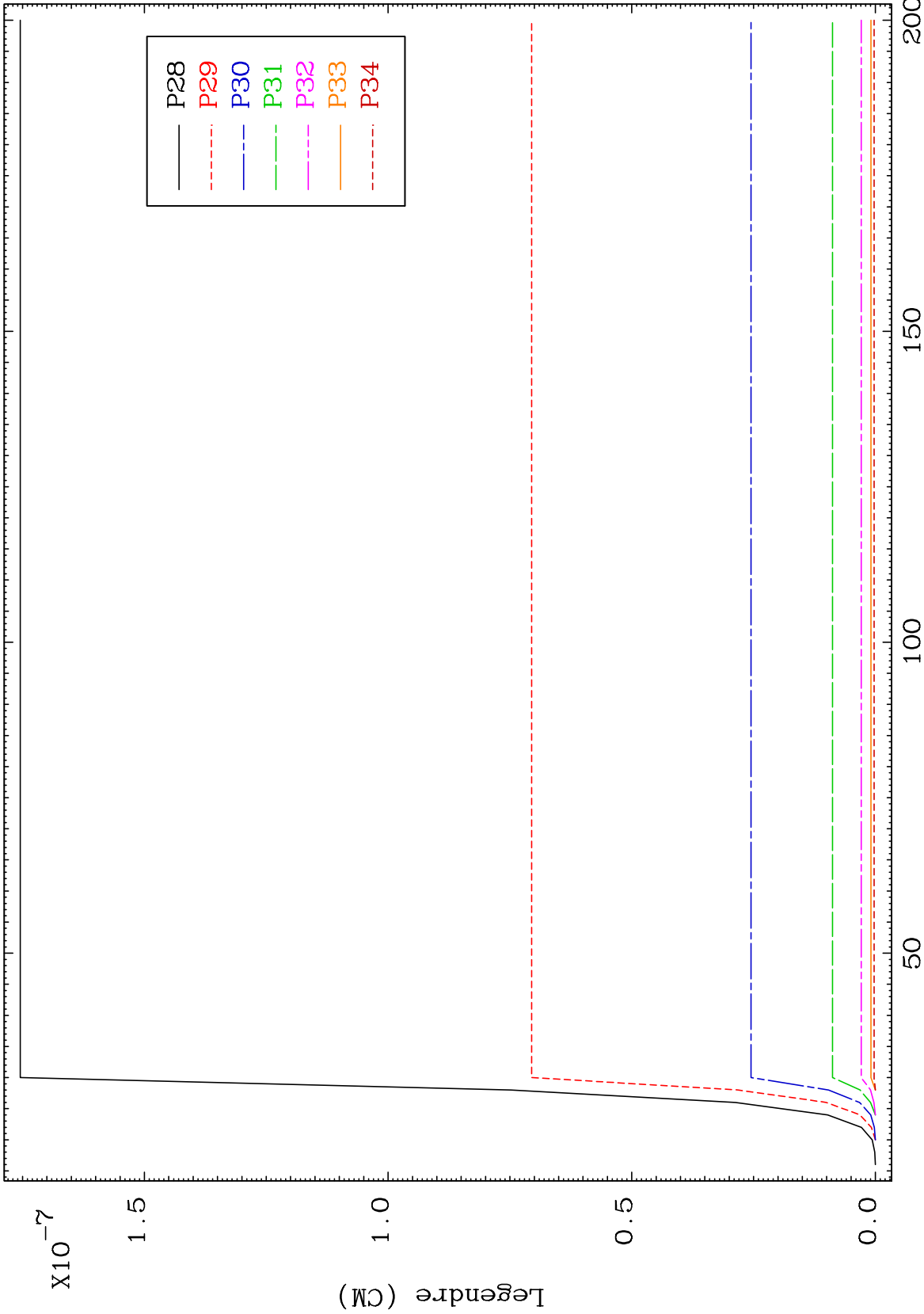
43-Tc-109



MAT 4355

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

43-Tc-109



40

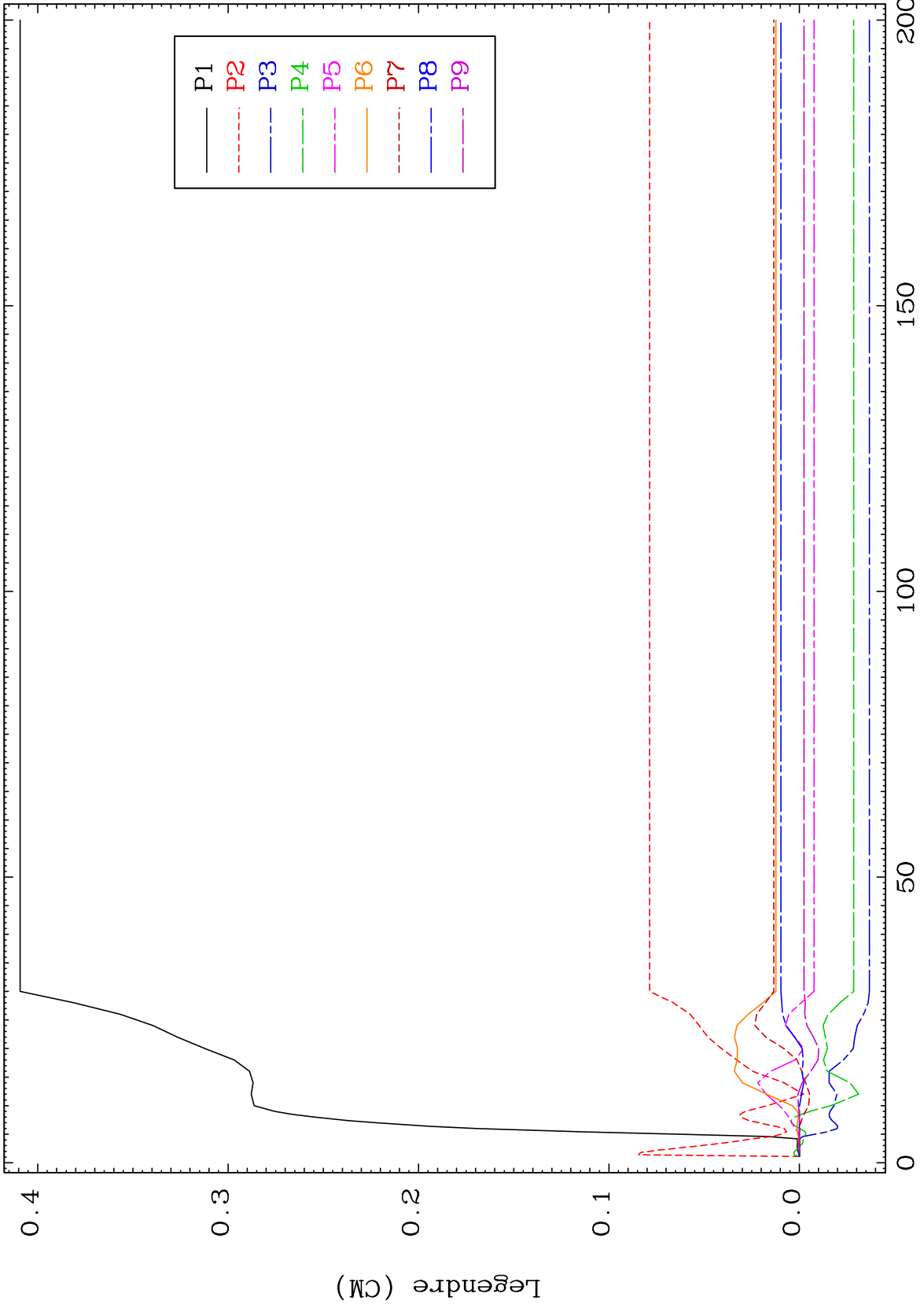
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



41

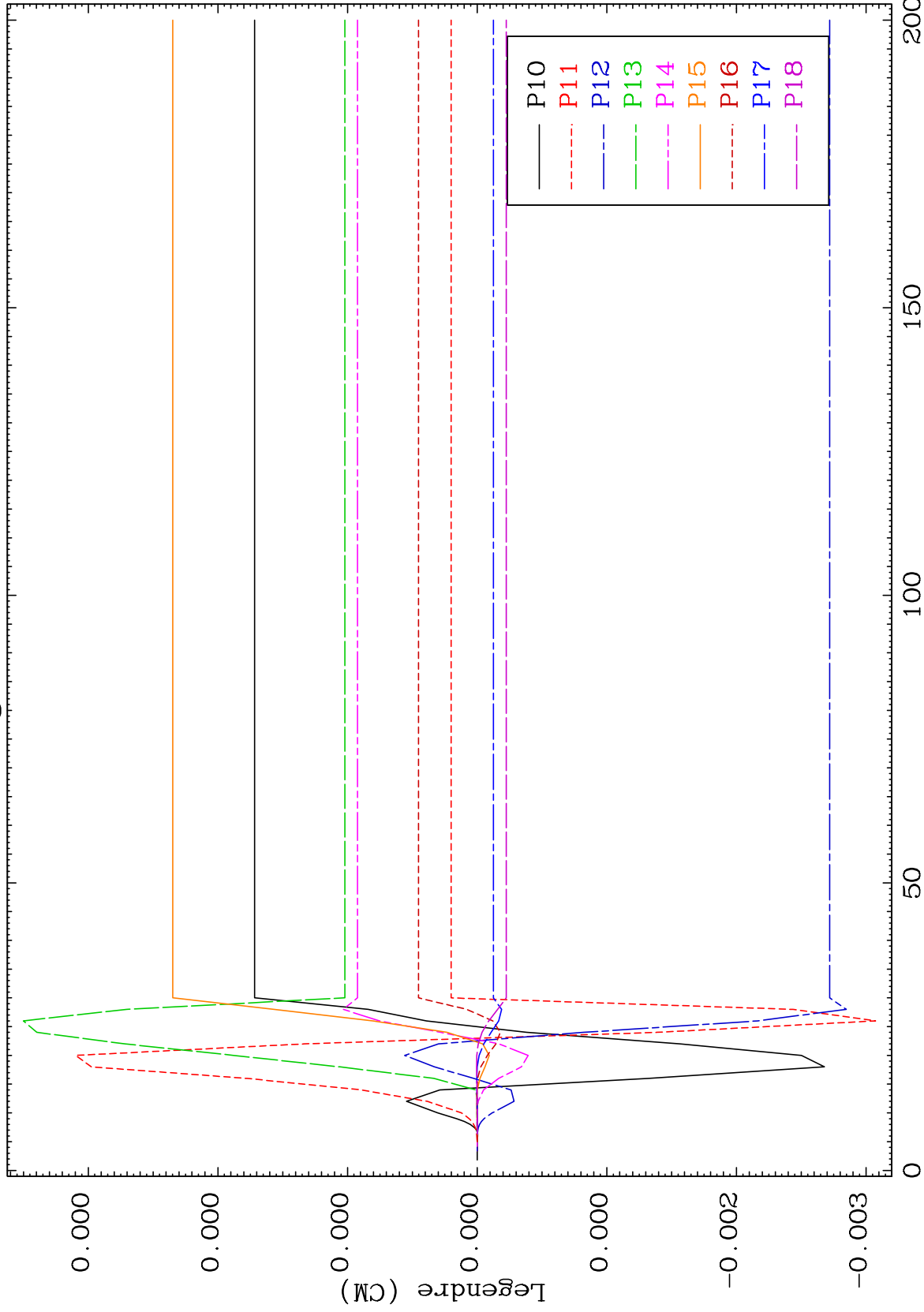
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



42

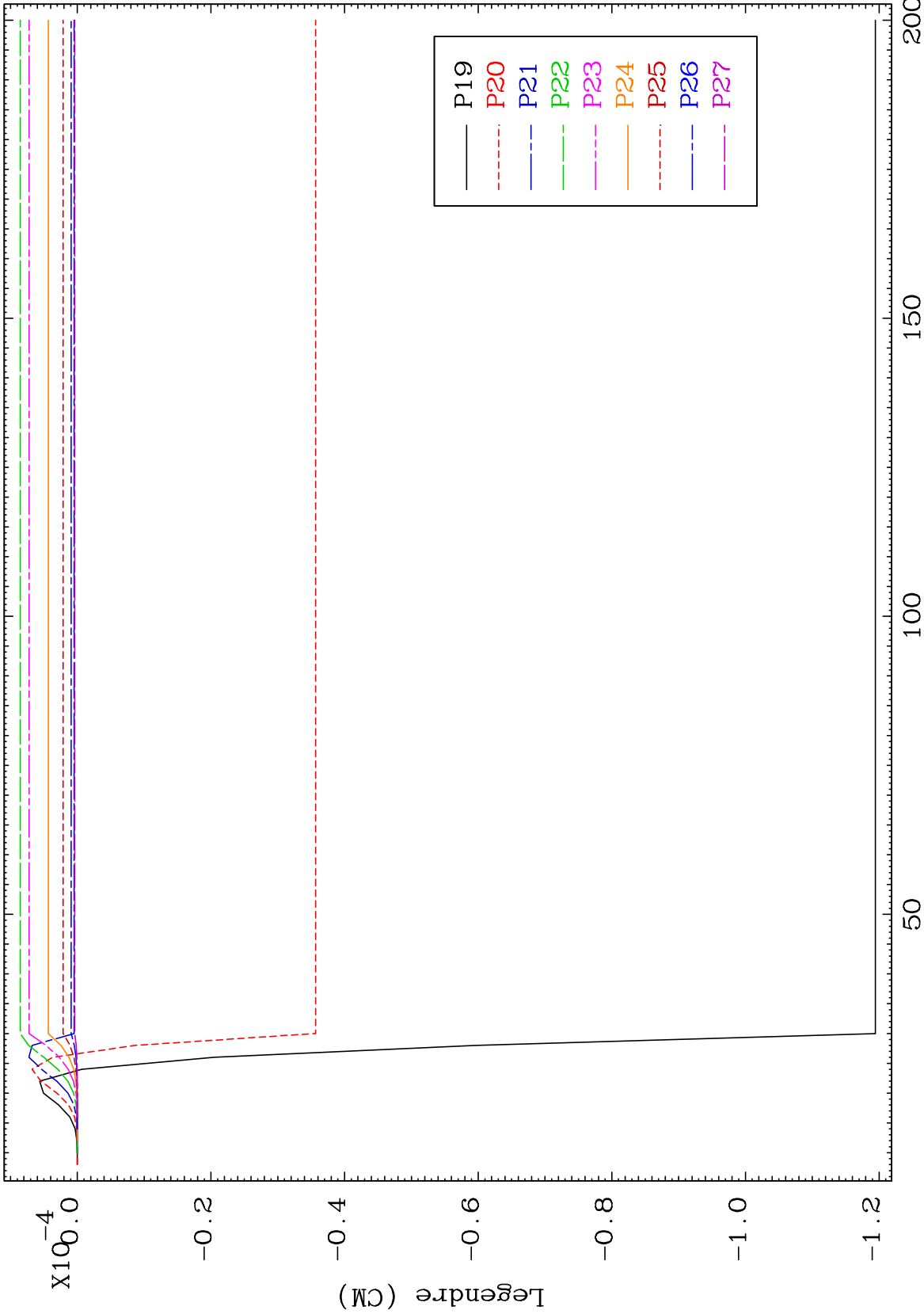
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



43

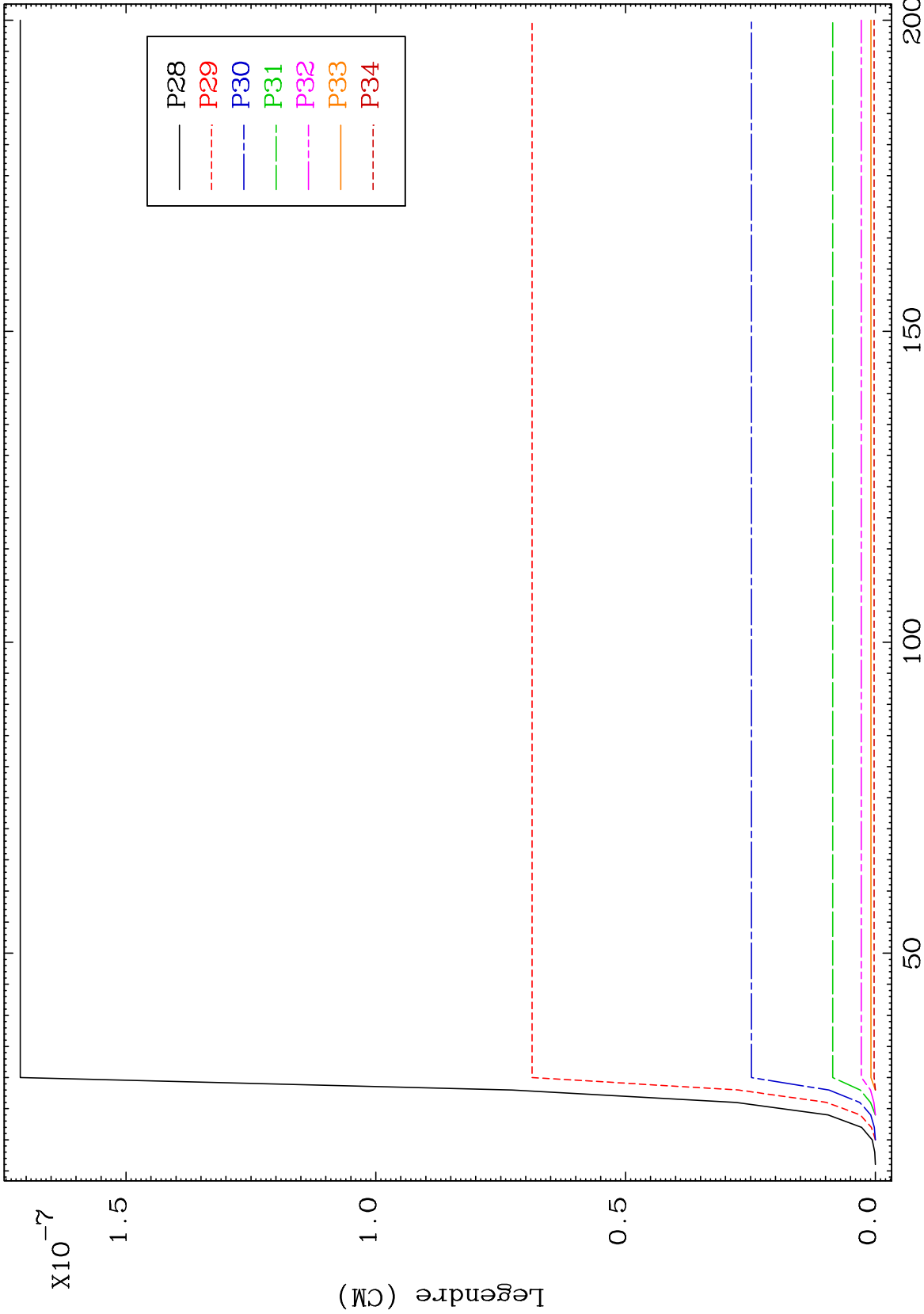
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



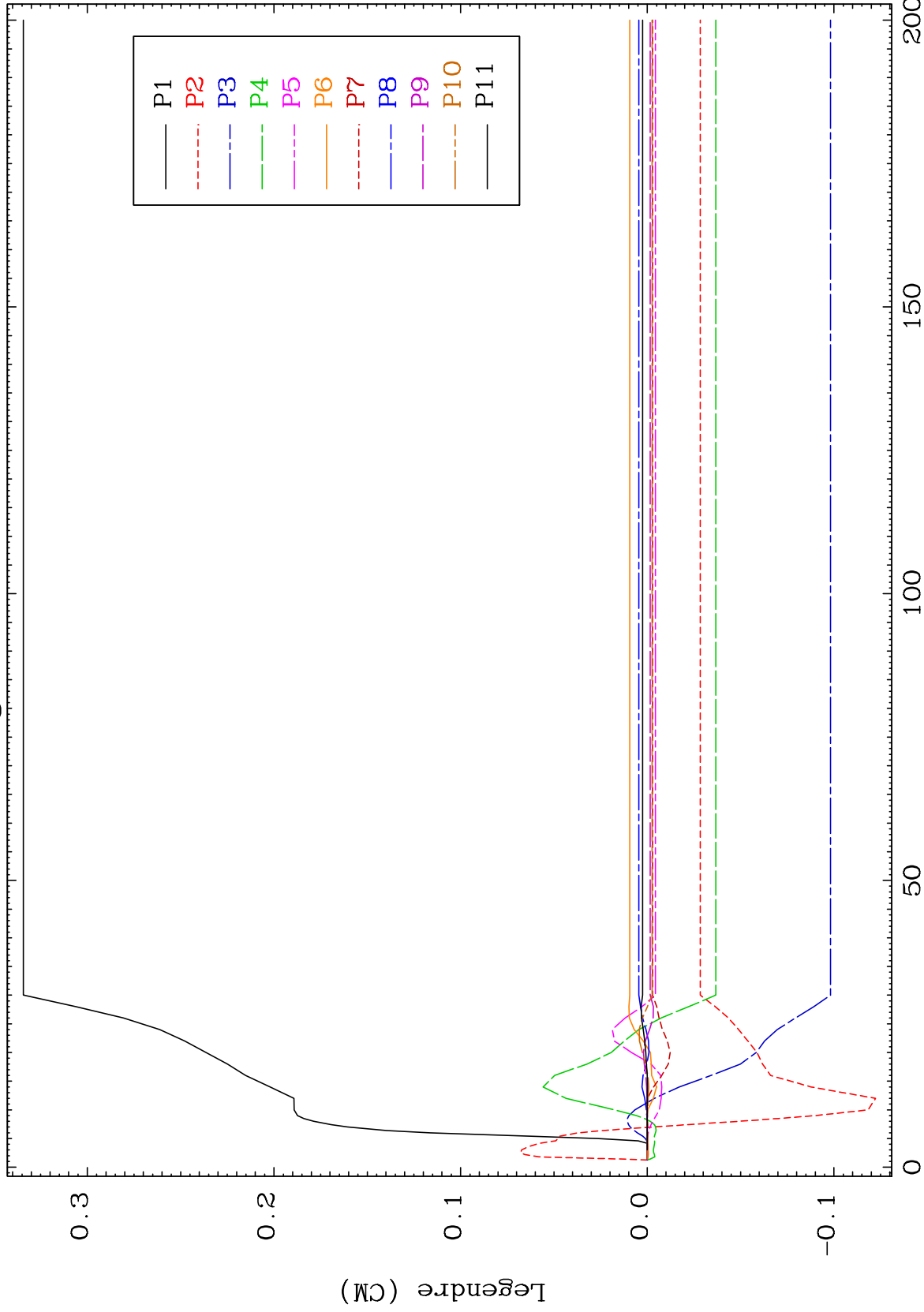
44

43-Tc-109

MAT 4355

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

43-Tc-109



45

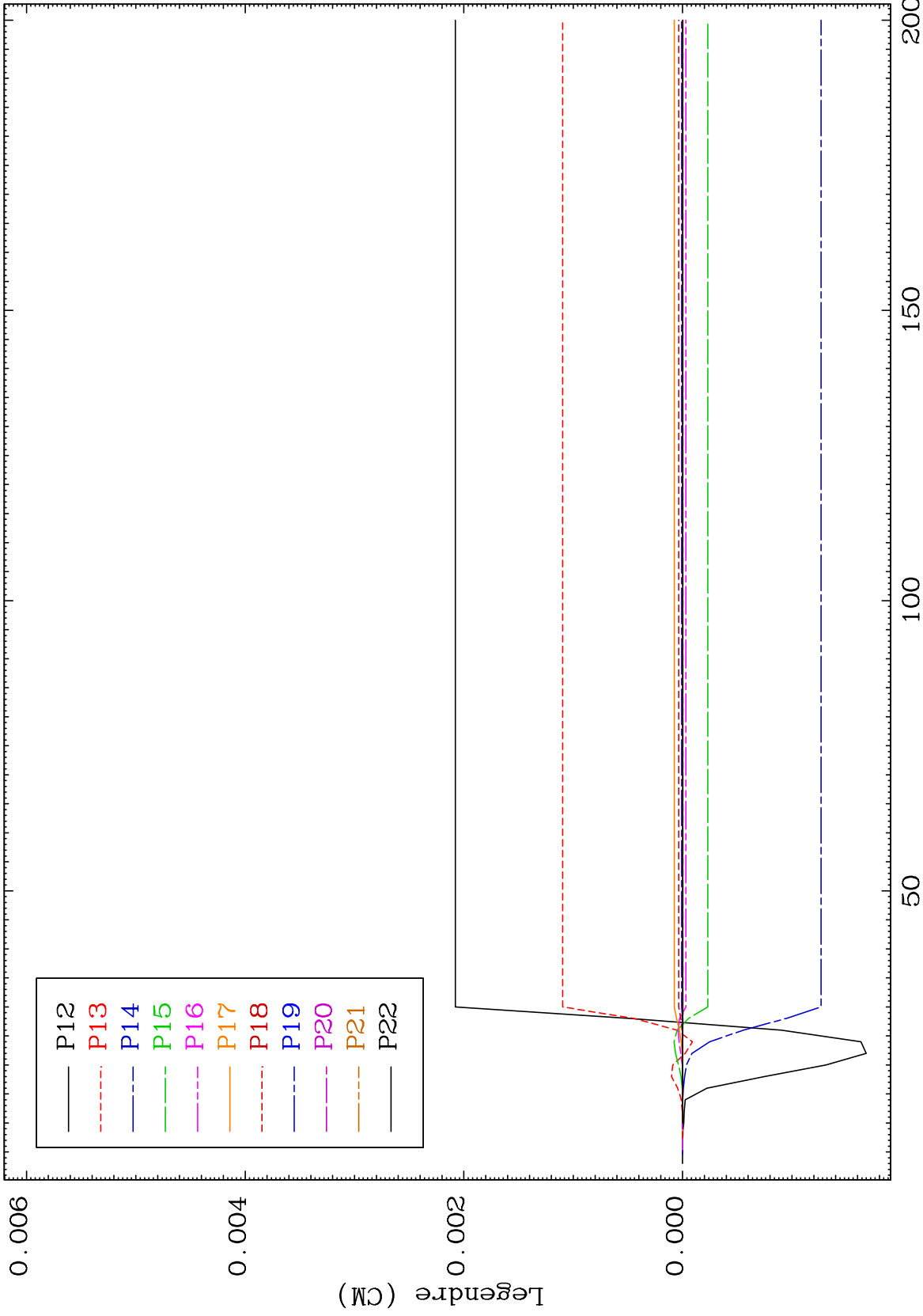
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



46

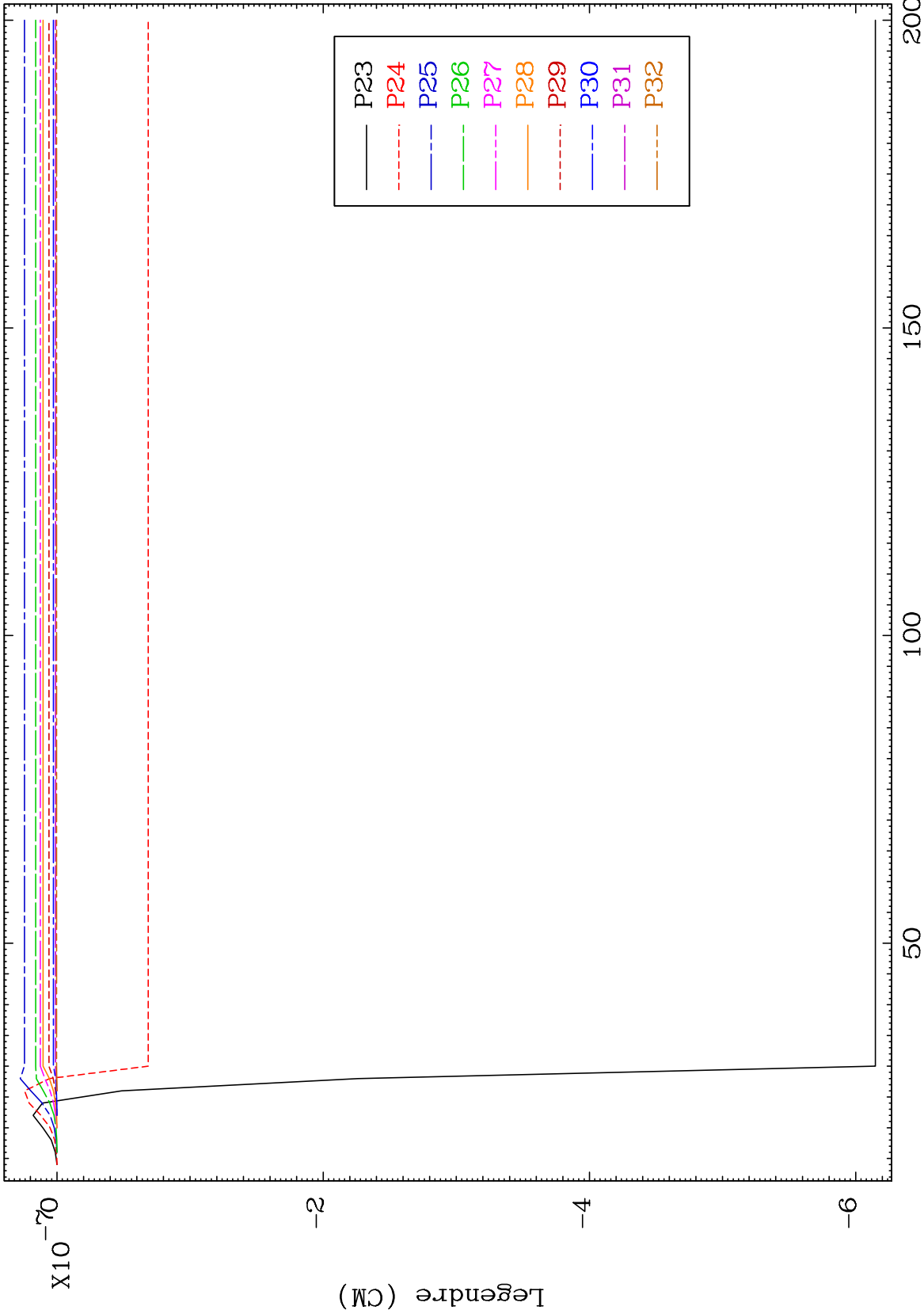
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



47

Incident Energy (MeV)

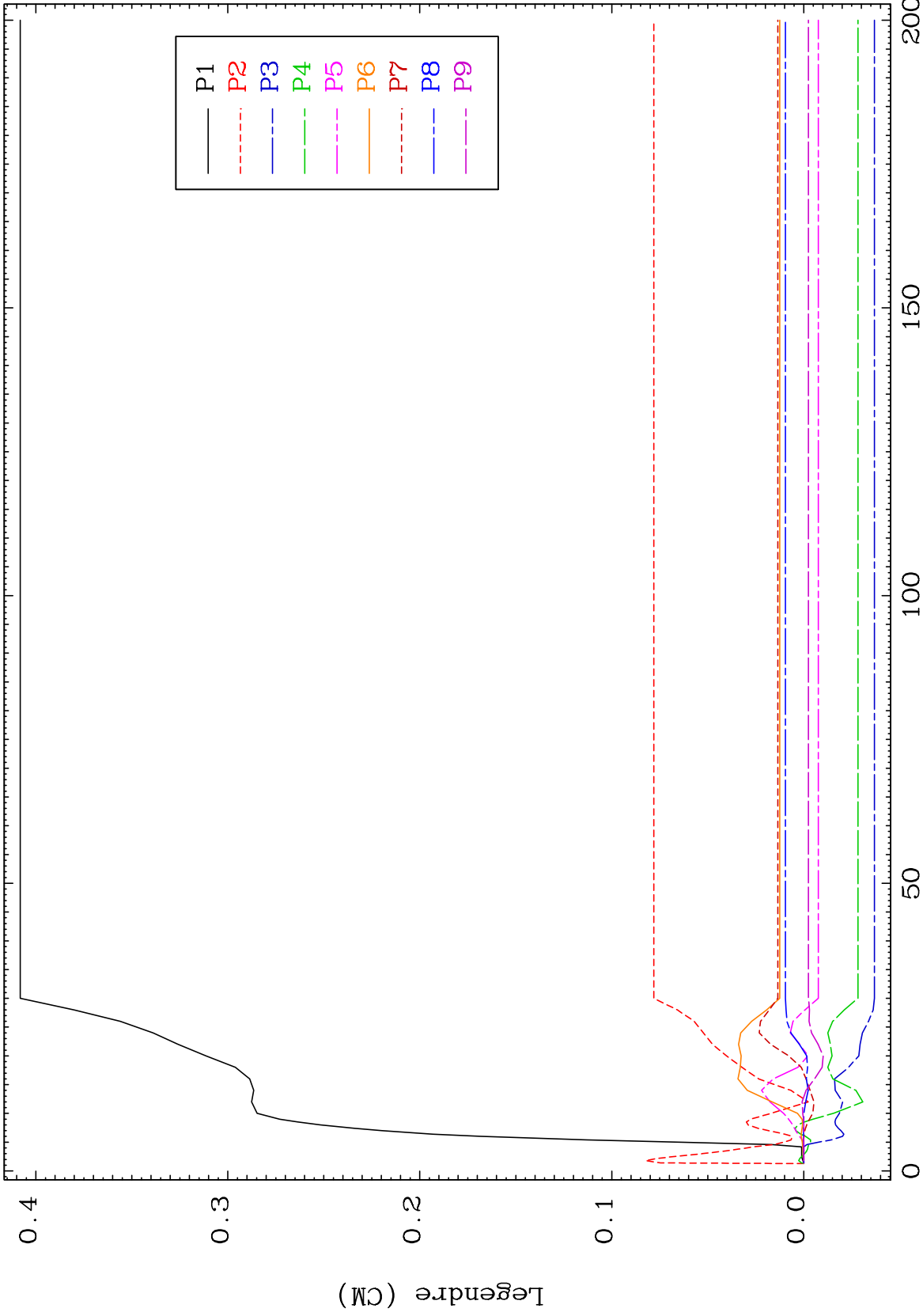
43-Tc-109



MAT 4355

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

43-Tc-109



48

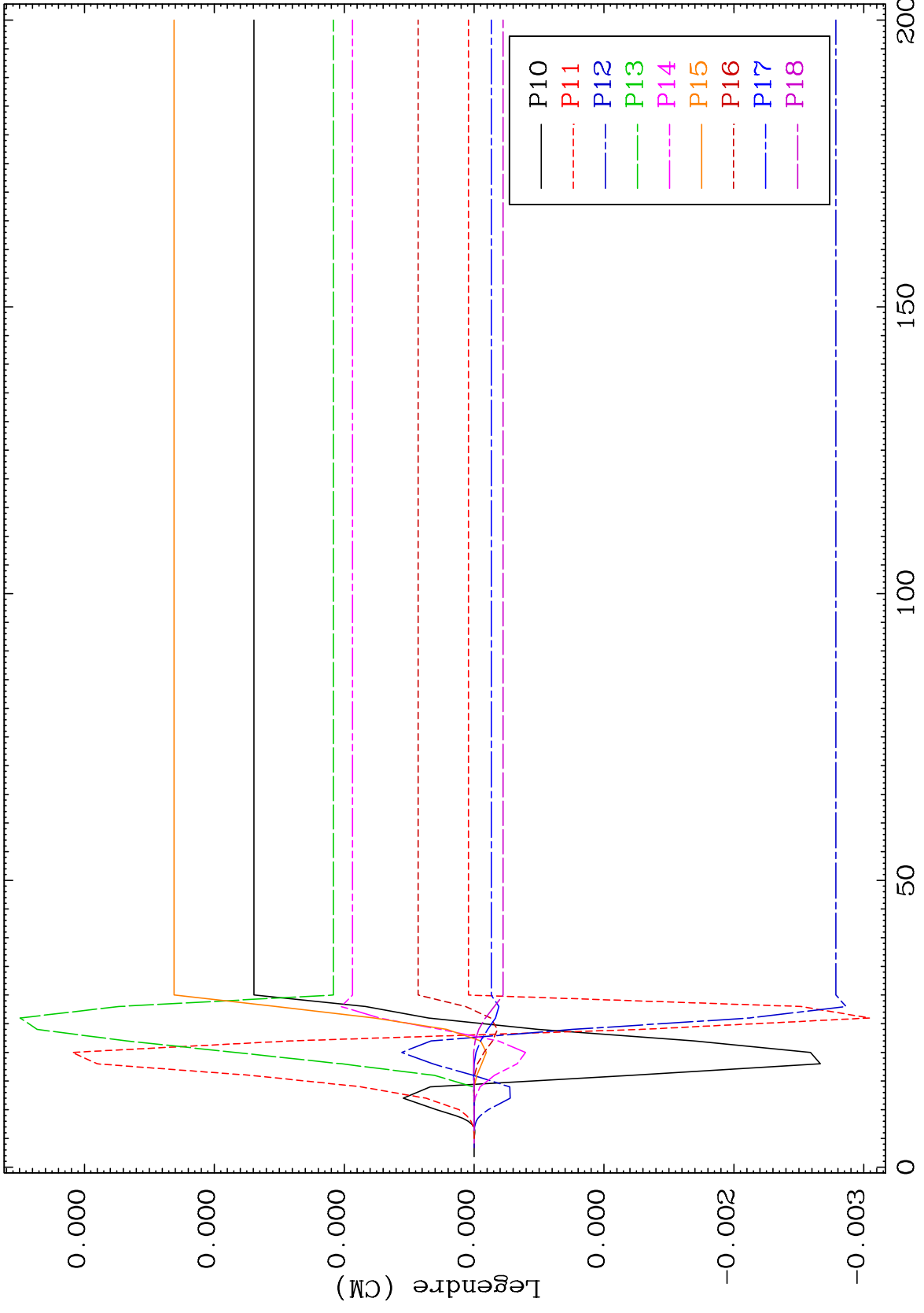
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



49

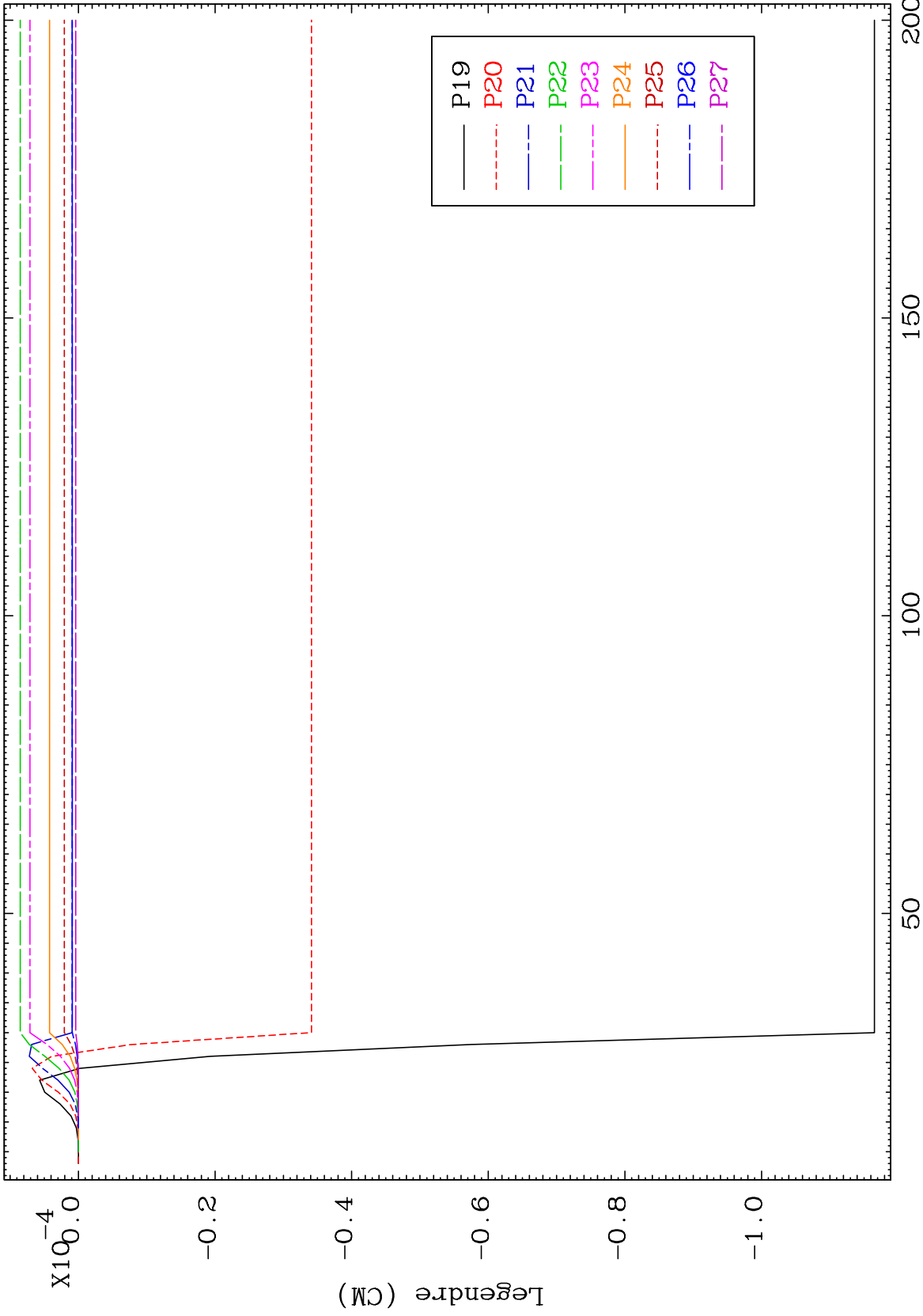
43-Tc-109

MAT 4355

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

43-Tc-109

Incident Energy (MeV)

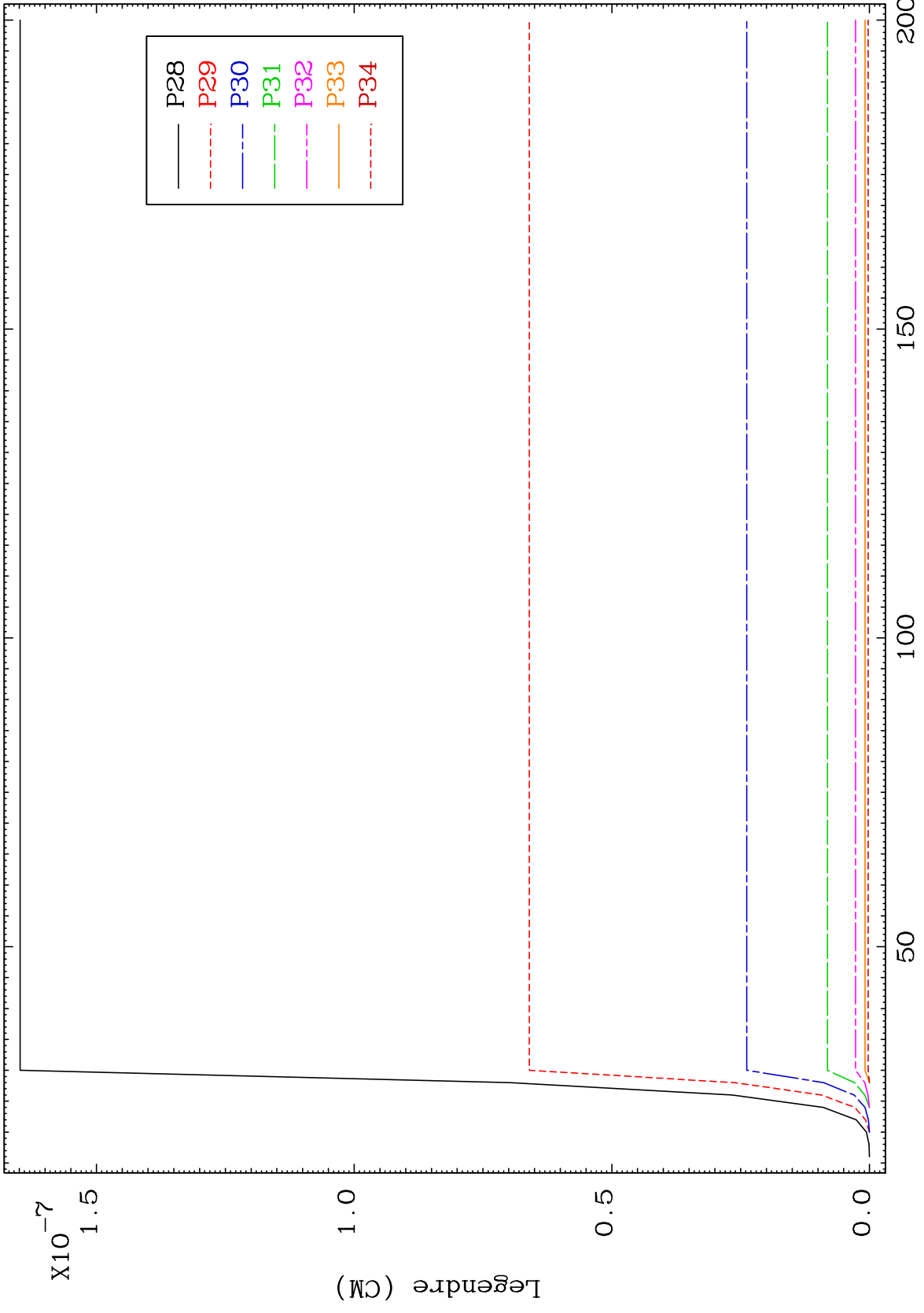


50

MAT 4355

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

43-Tc-109



51

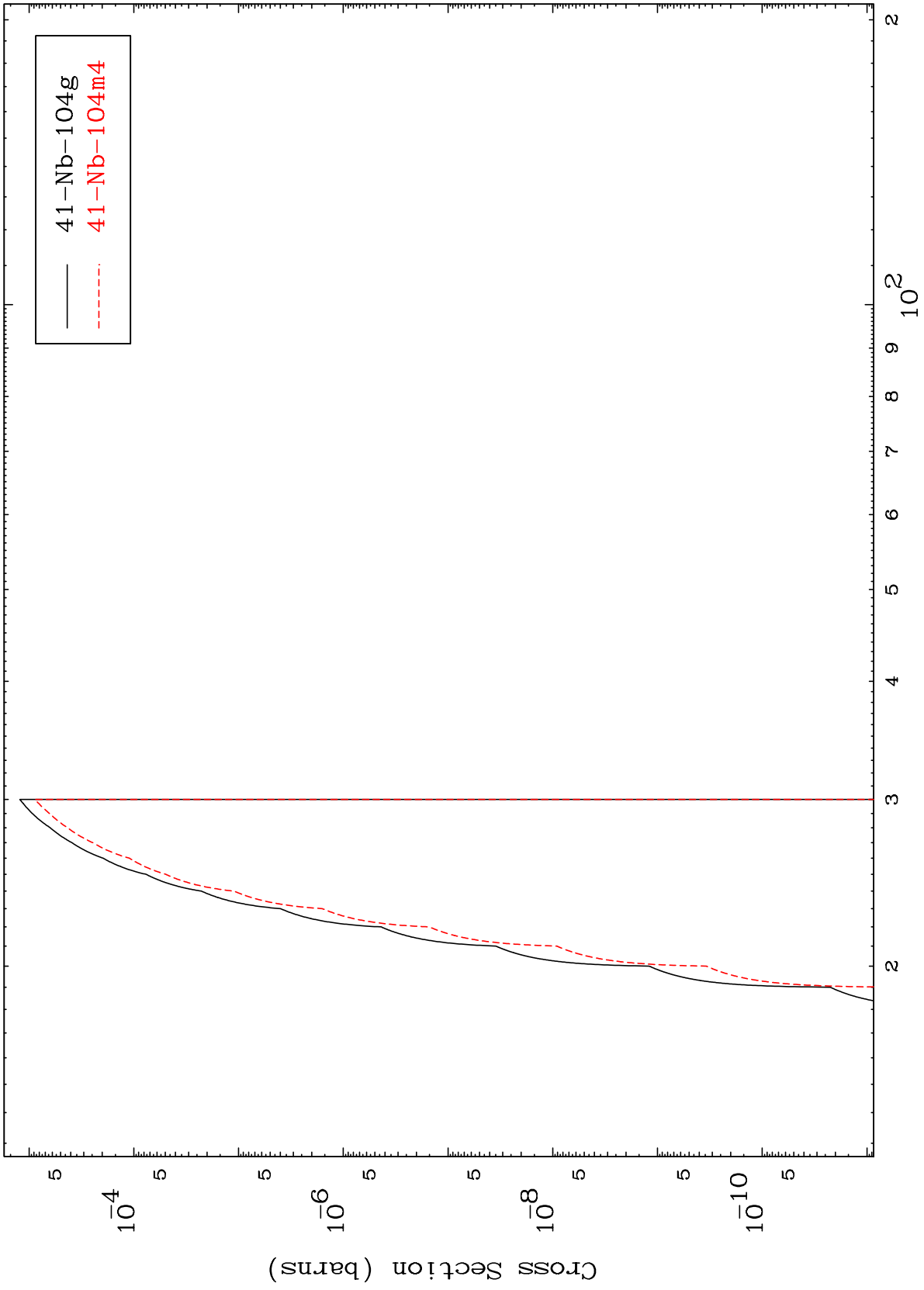
43-Tc-109

MAT 4355

(n,2n)  $\alpha$

43-Tc-109

Radionuclide Production Cross Section



52

Incident Energy (MeV)

43-Tc-109