

Program EVALPLOT  
(Version 2018-1)

by

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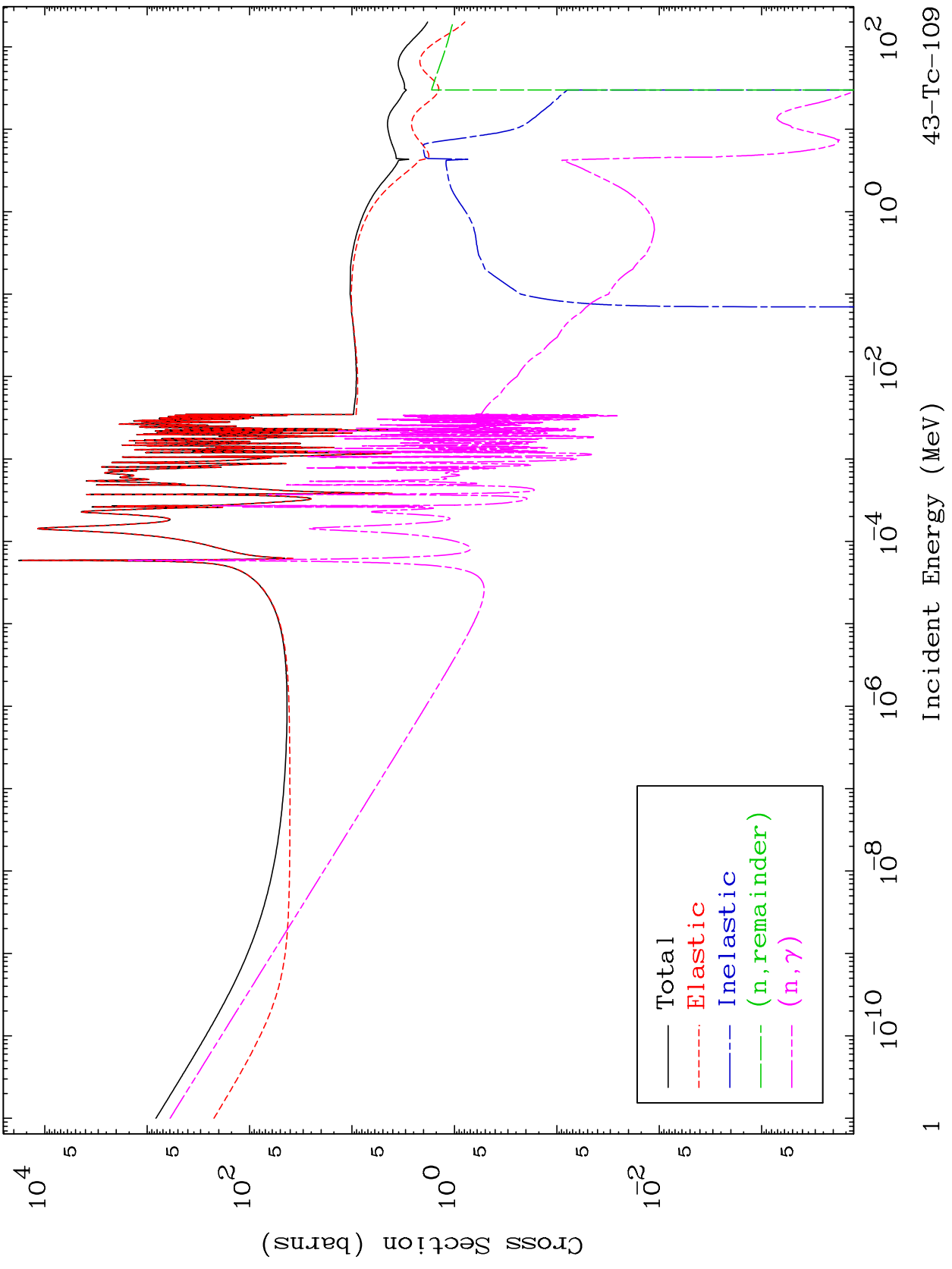
Press Mouse Button to Start

MAT 4355

Major

293 Kelvin Cross Sections

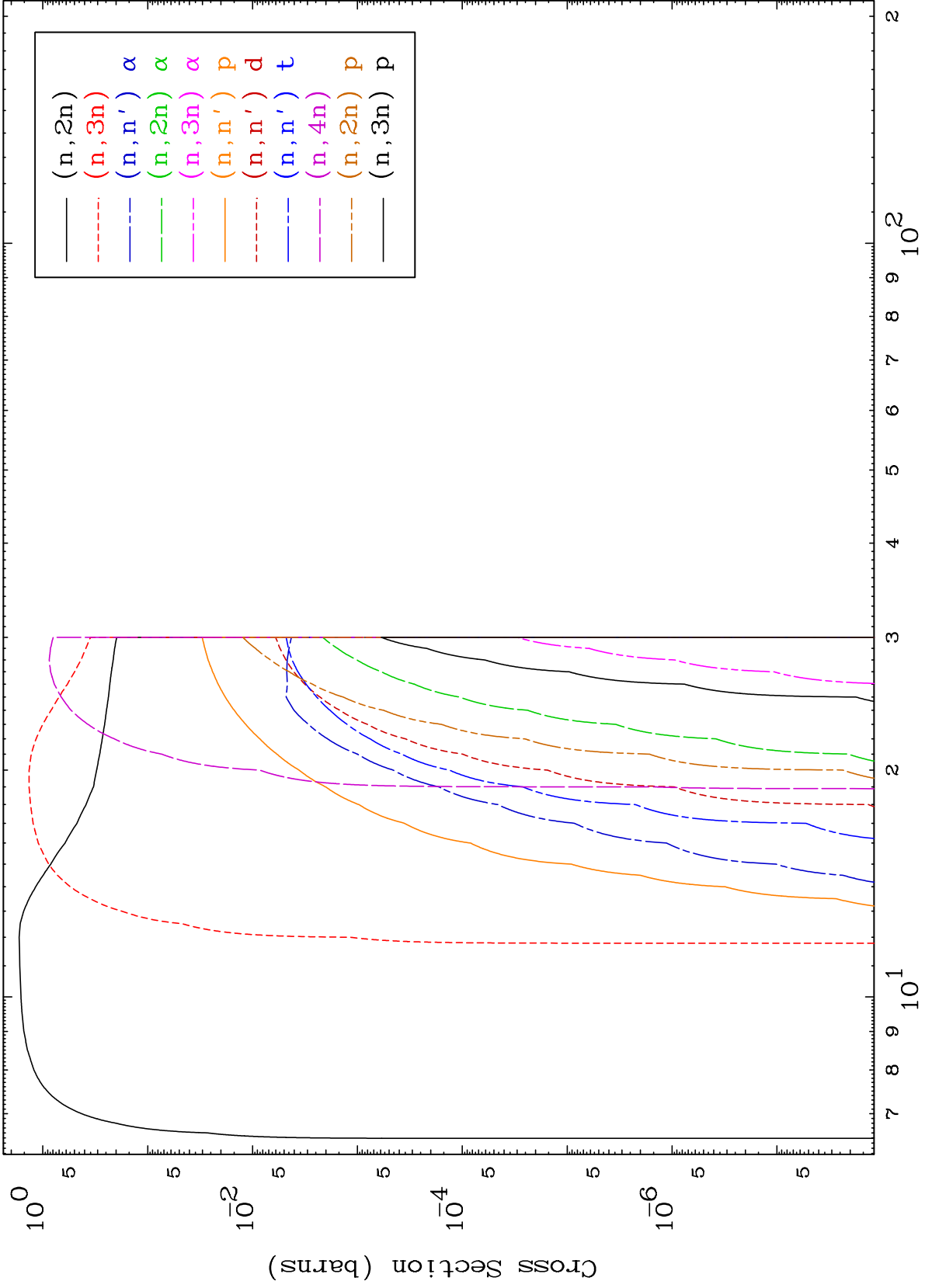
43-Tc-109

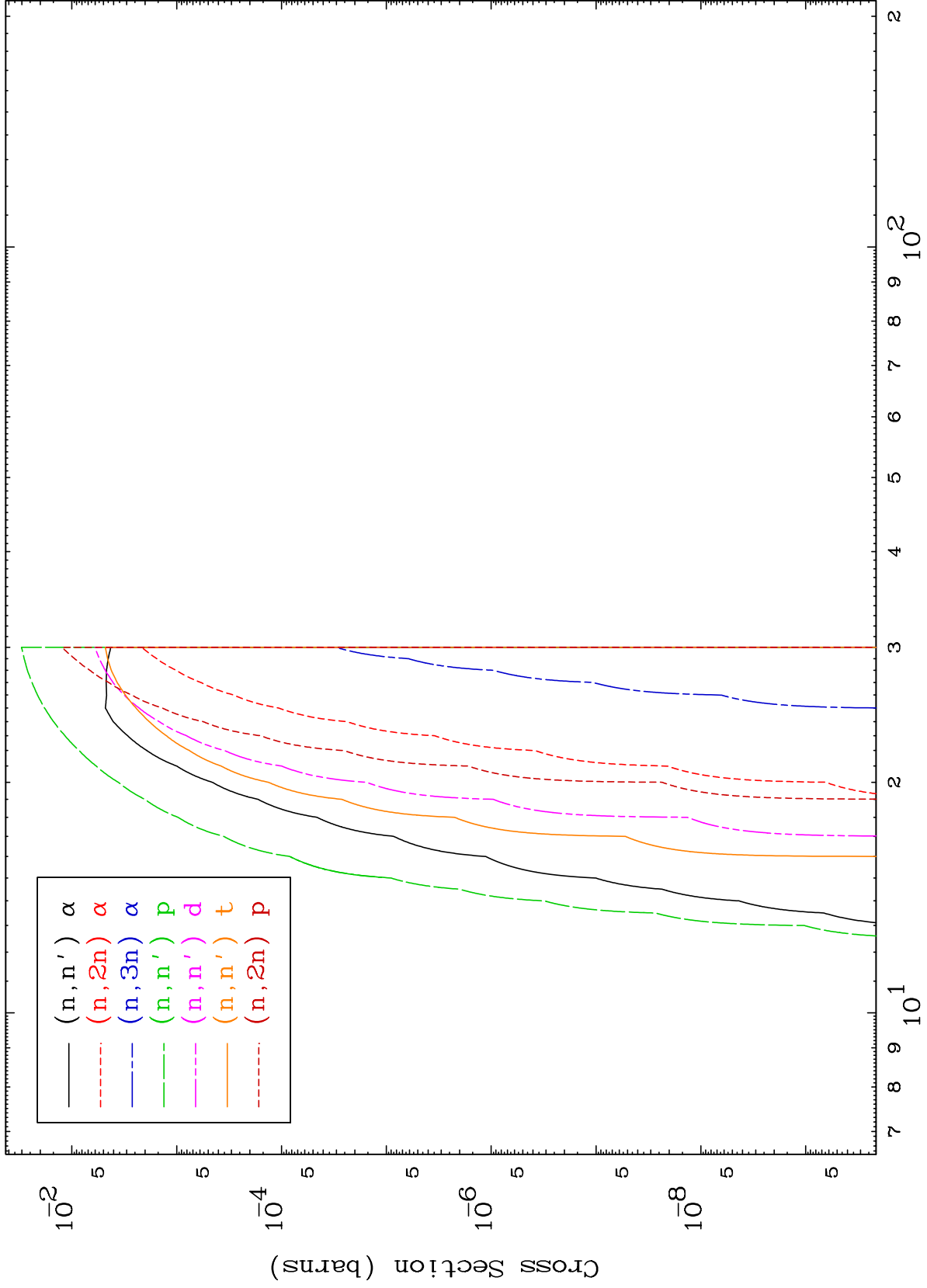


MAT 4355

Neutron Production  
293 Kelvin Cross Sections

43-Tc-109

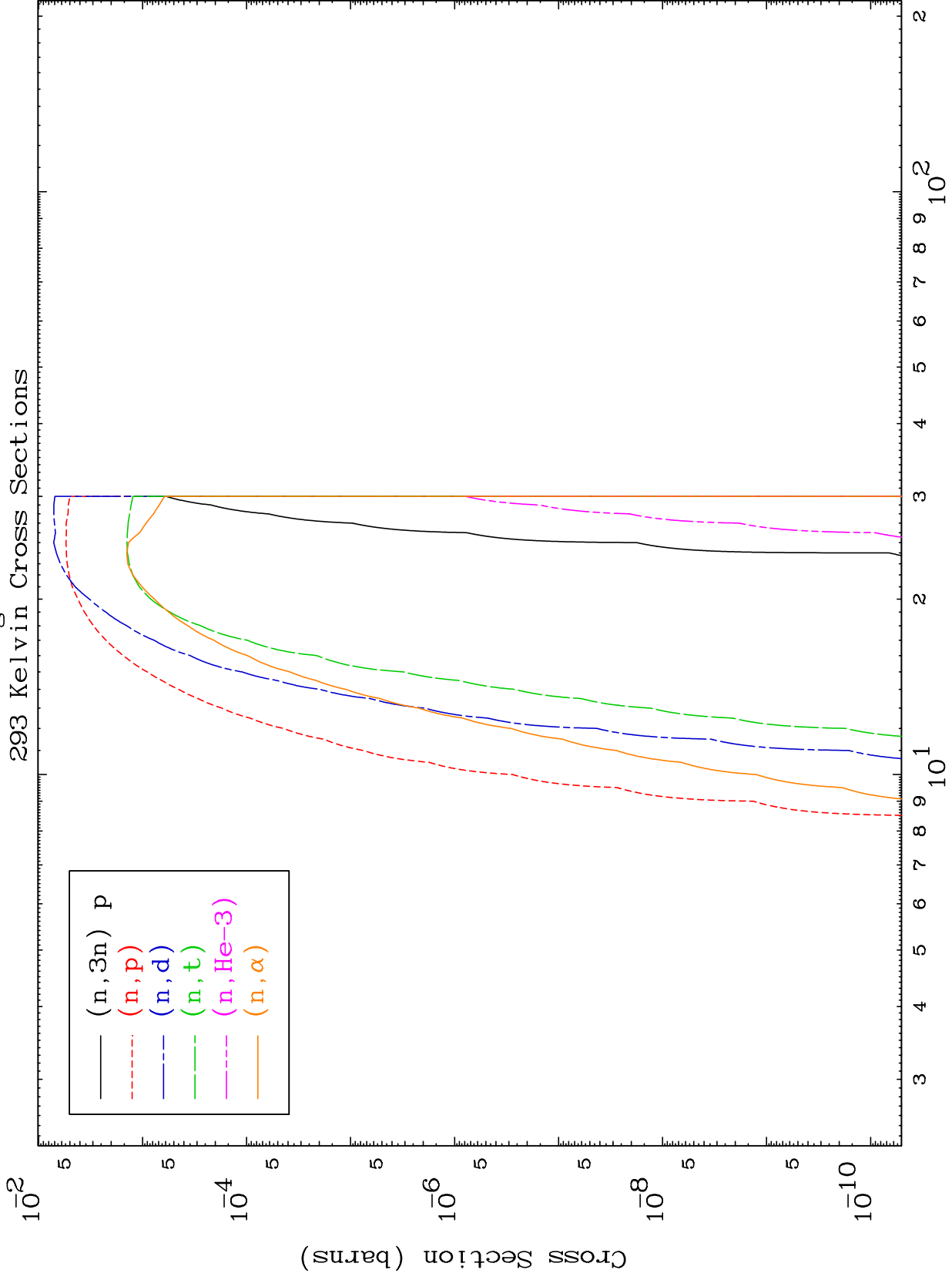




MAT 4355

Charged Particle  
293 Kelvin Cross Sections

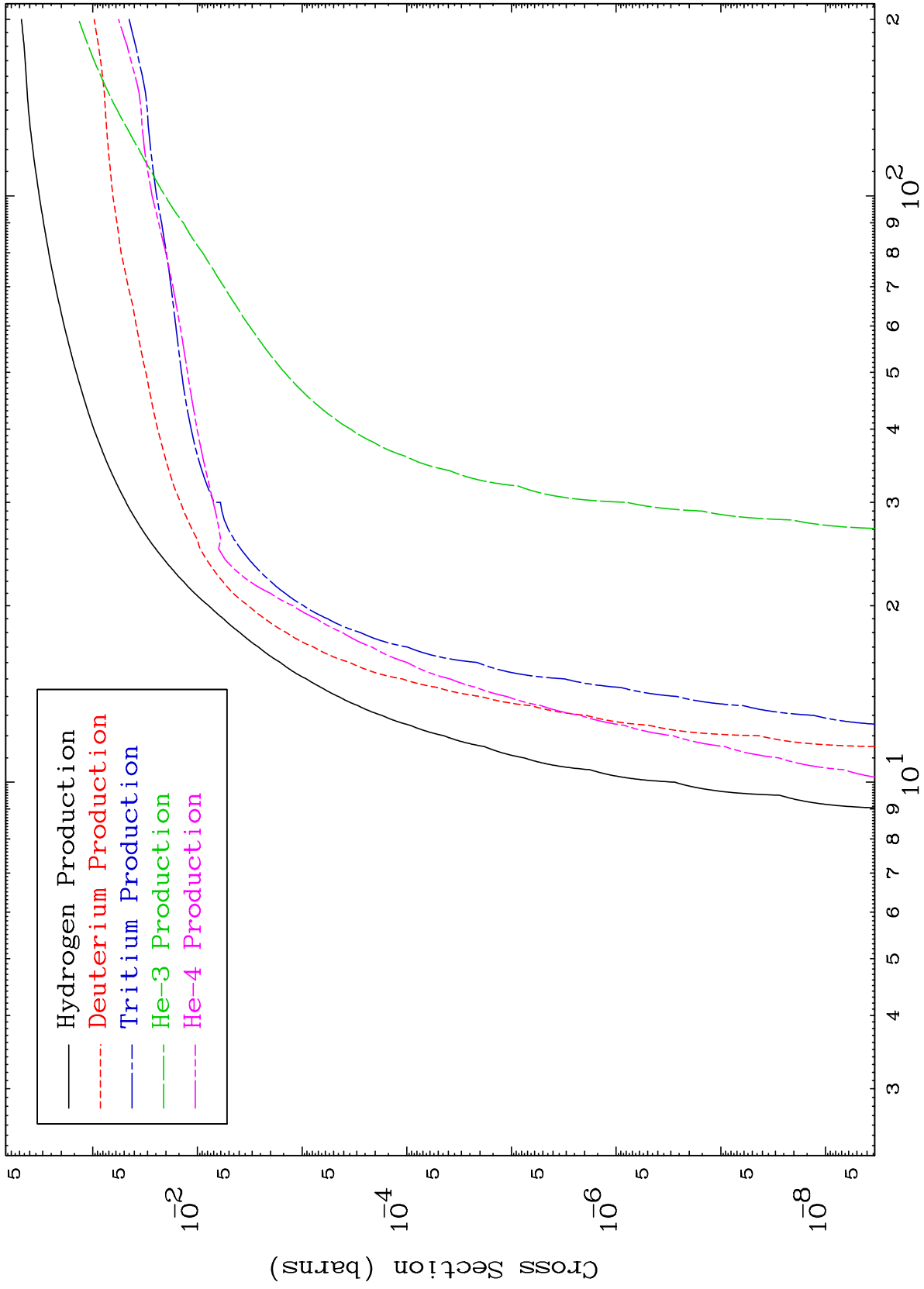
43-Tc-109



MAT 4355

Particle Production  
293 Kelvin Cross Sections

43-Tc-109



5

Incident Energy (MeV)

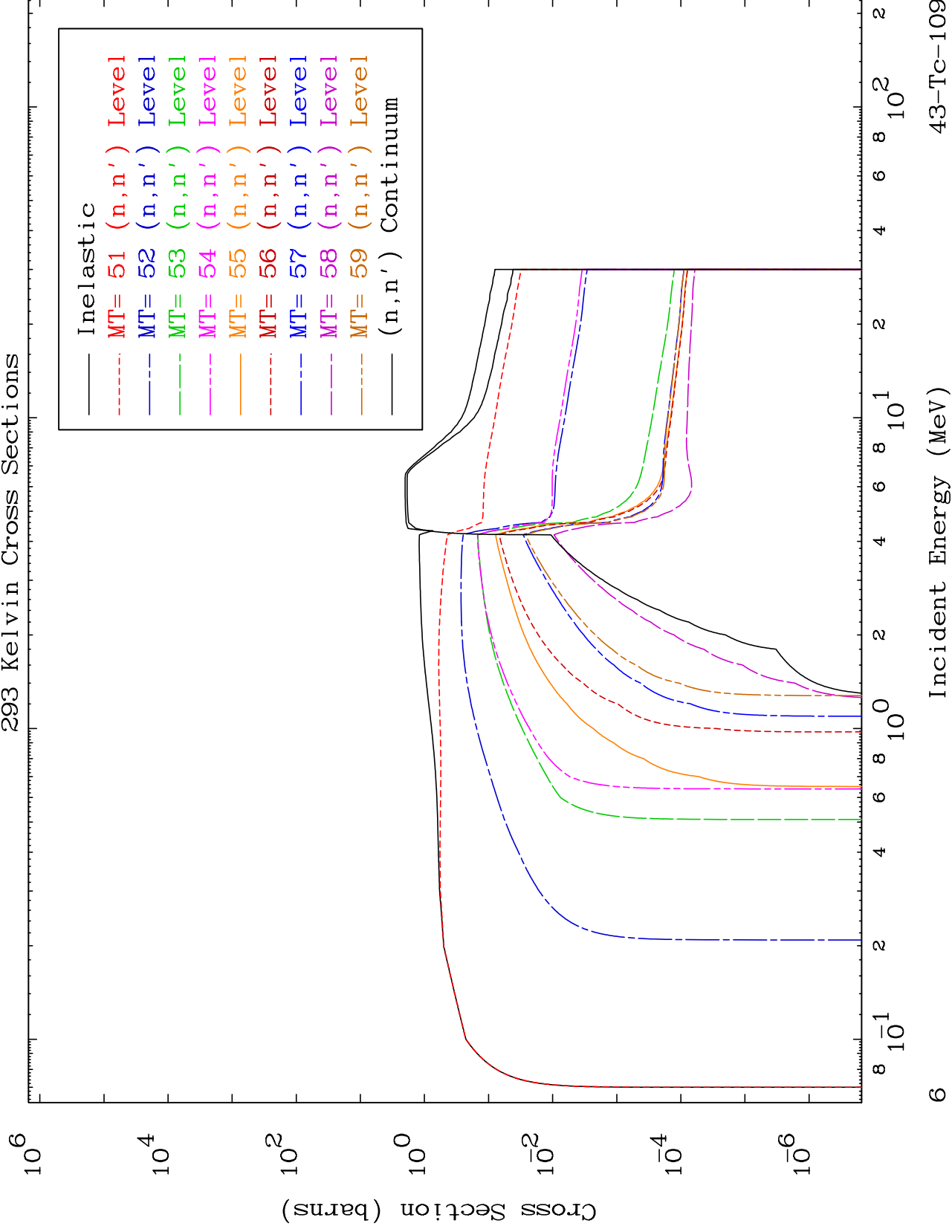
43-Tc-109

MAT 4355

(n,n') Level

43-Tc-109

293 Kelvin Cross Sections



6

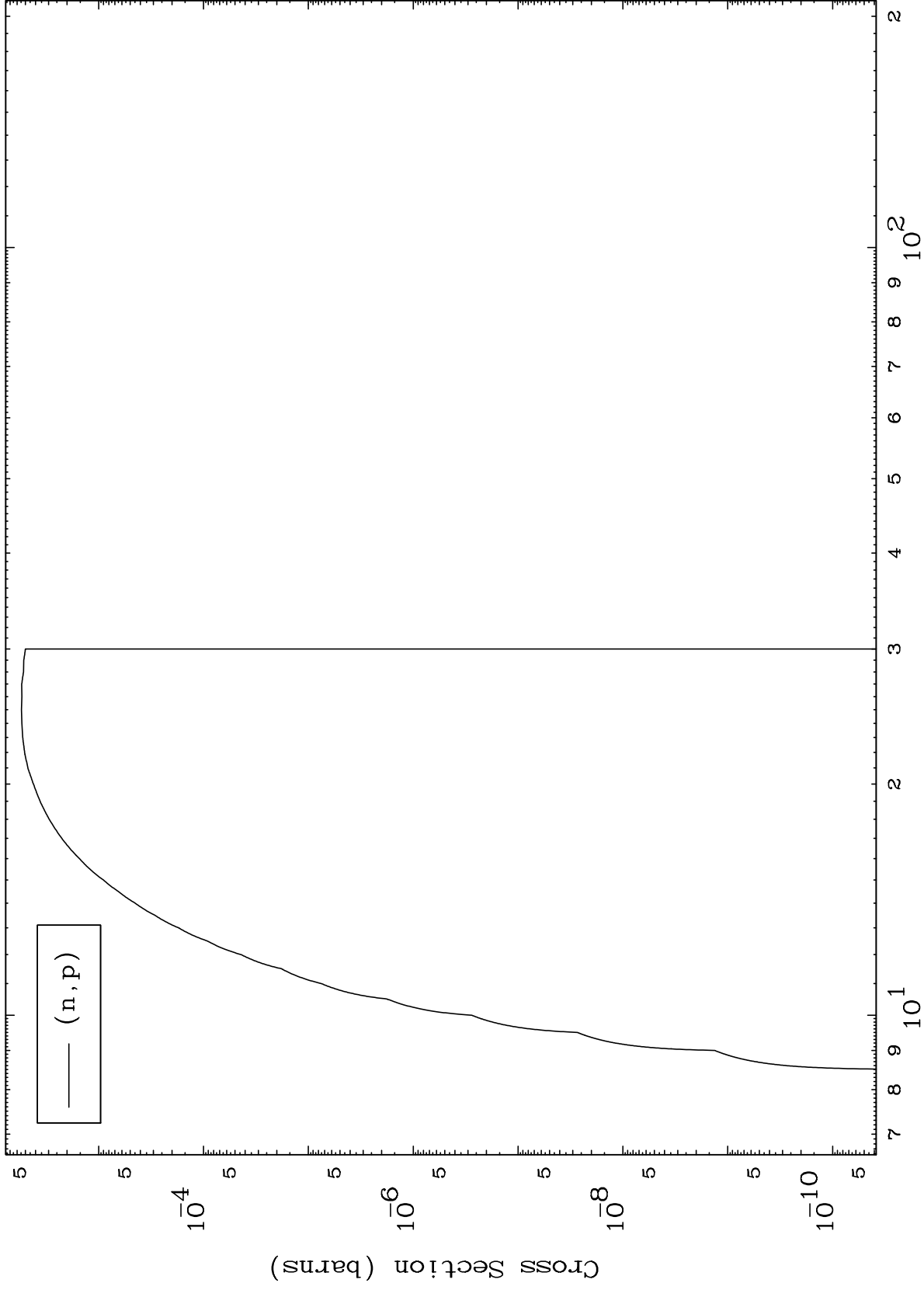
Incident Energy (MeV)

43-Tc-109

MAT 4355

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-109



7

Incident Energy (MeV)

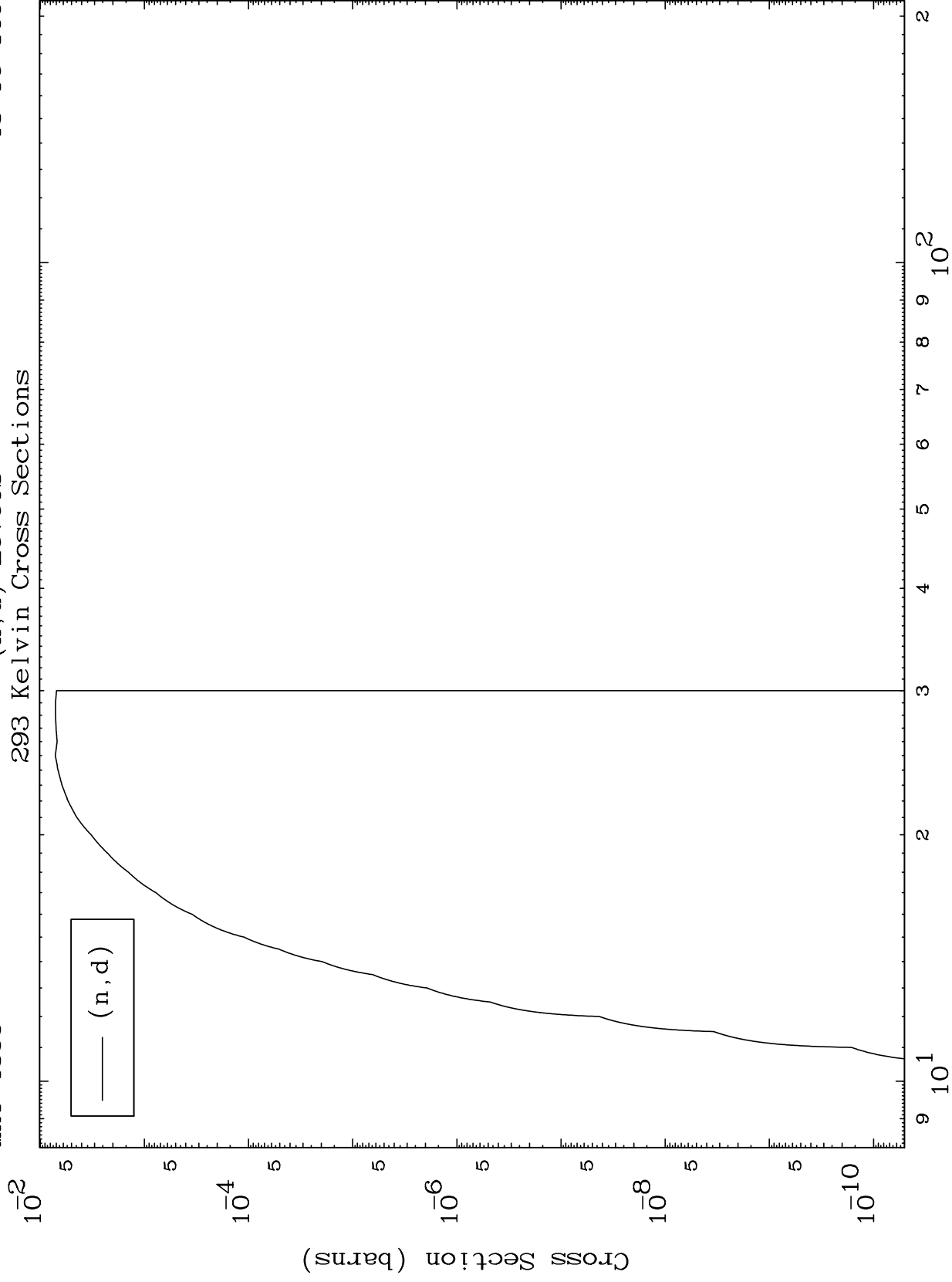
43-Tc-109



MAT 4355

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-109



Incident Energy (MeV)

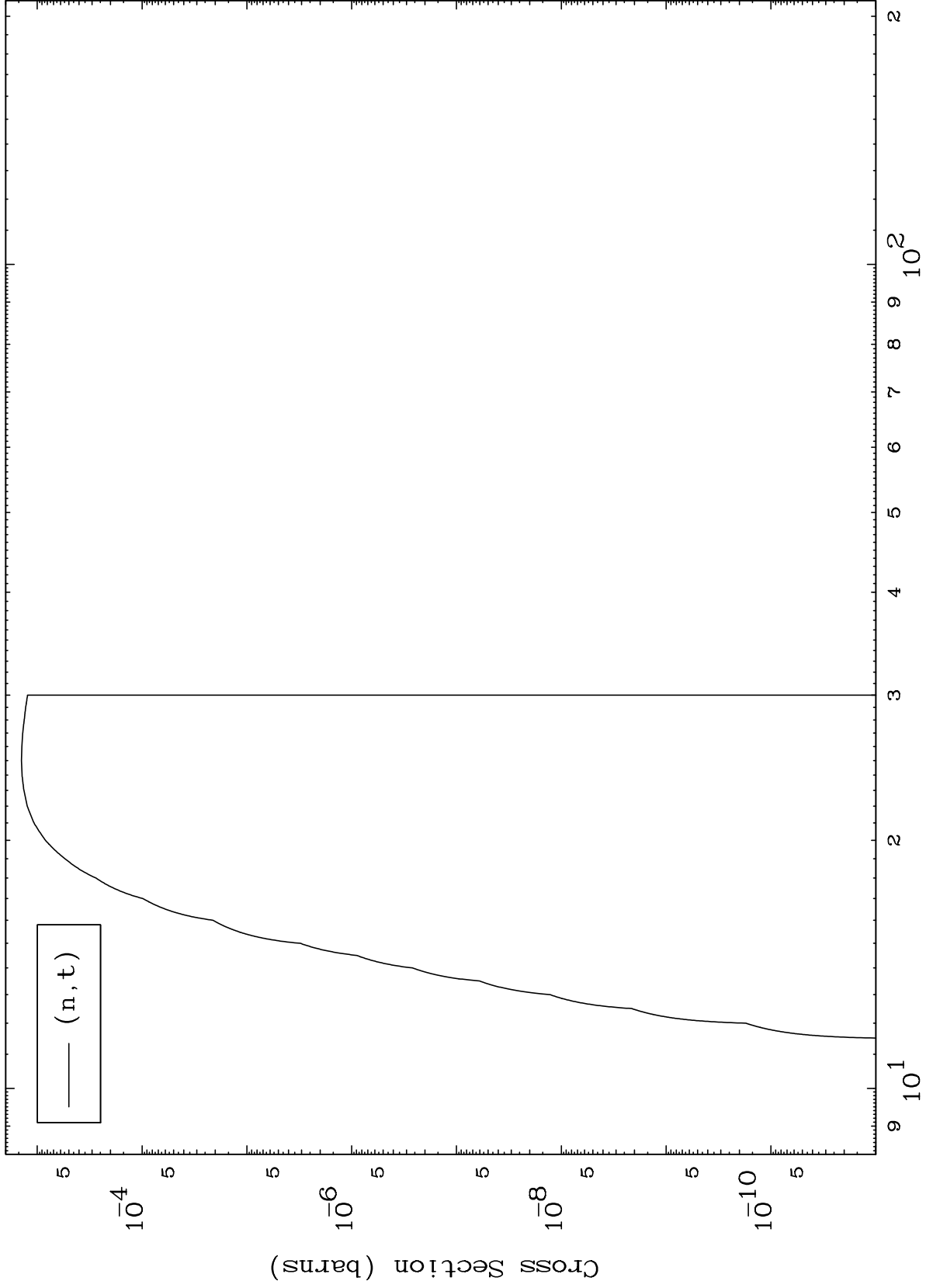
43-Tc-109

8

MAT 4355

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-109



9

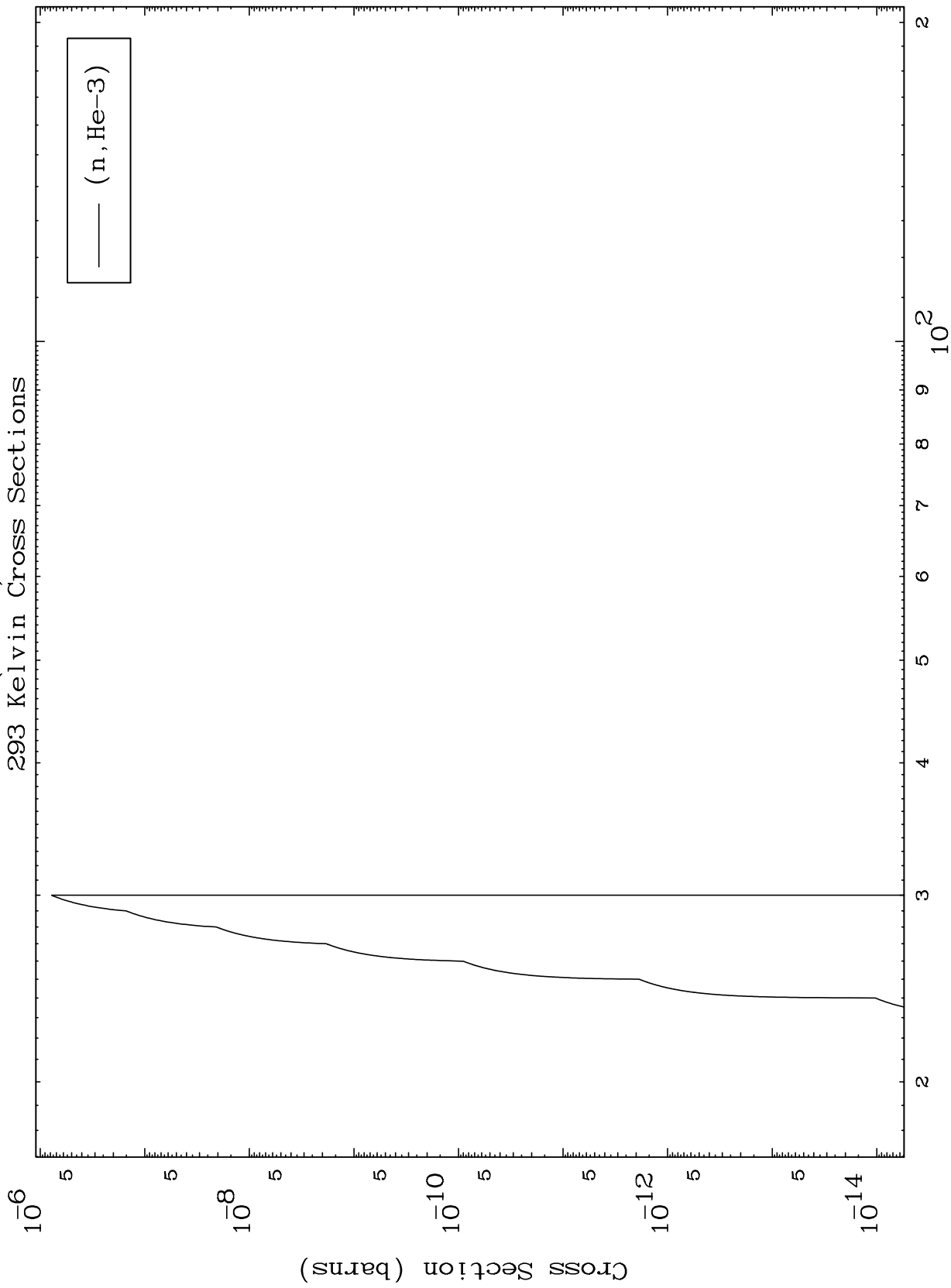
Incident Energy (MeV)

43-Tc-109

MAT 4355

43-Tc-109

(n,He3) Levels  
293 Kelvin Cross Sections



10

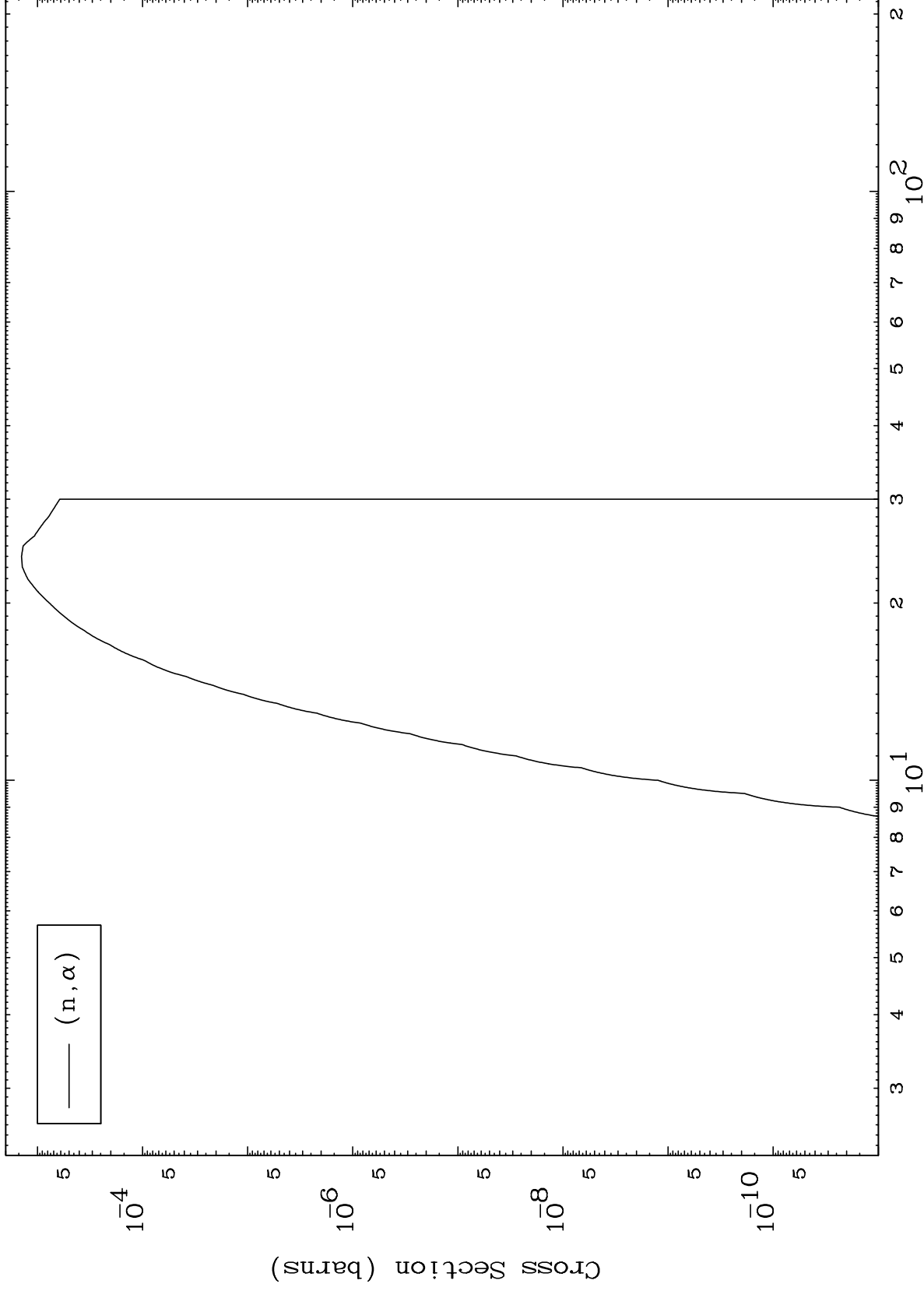
Incident Energy (MeV)

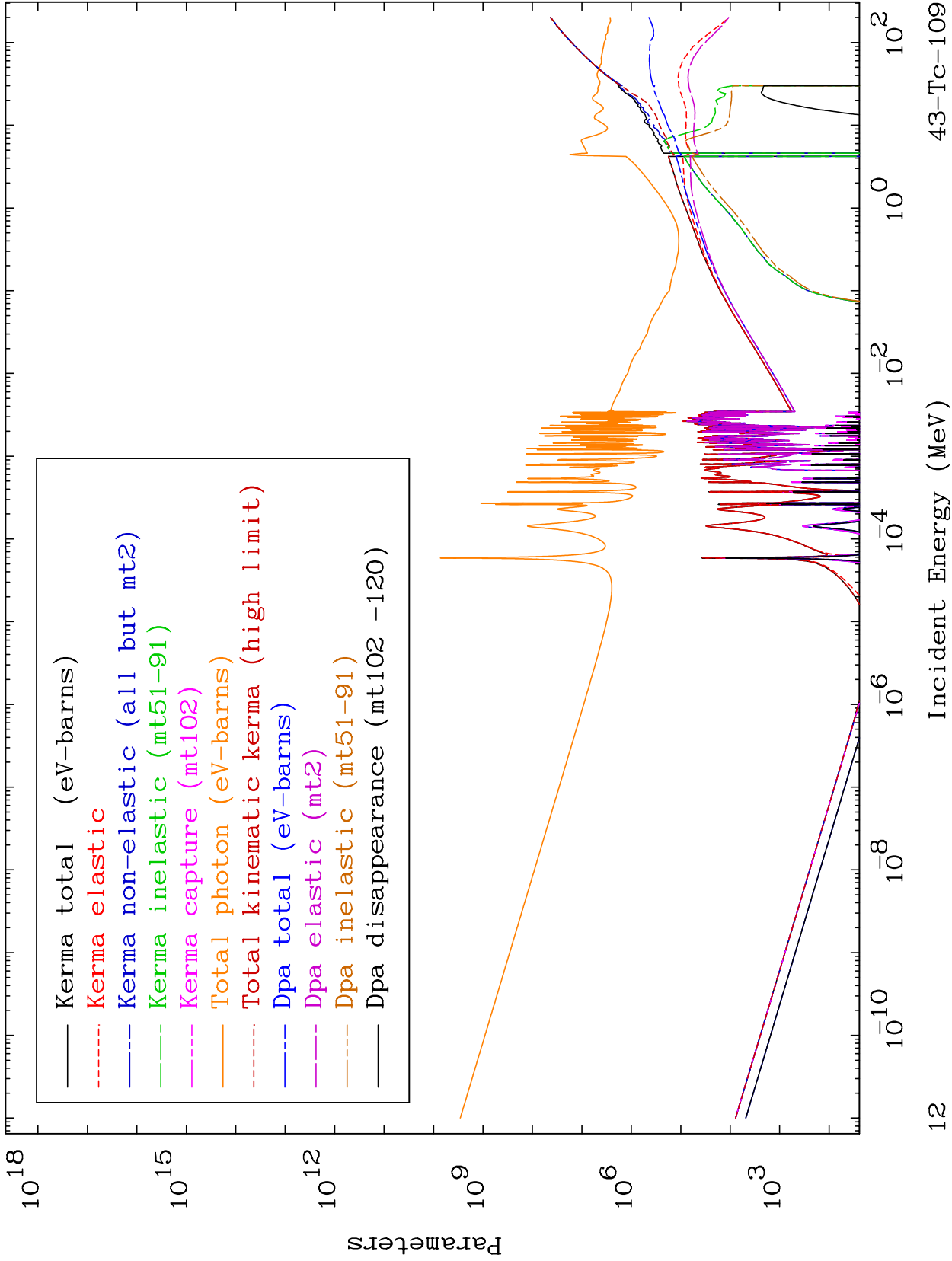
43-Tc-109

MAT 4355

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

43-Tc-109

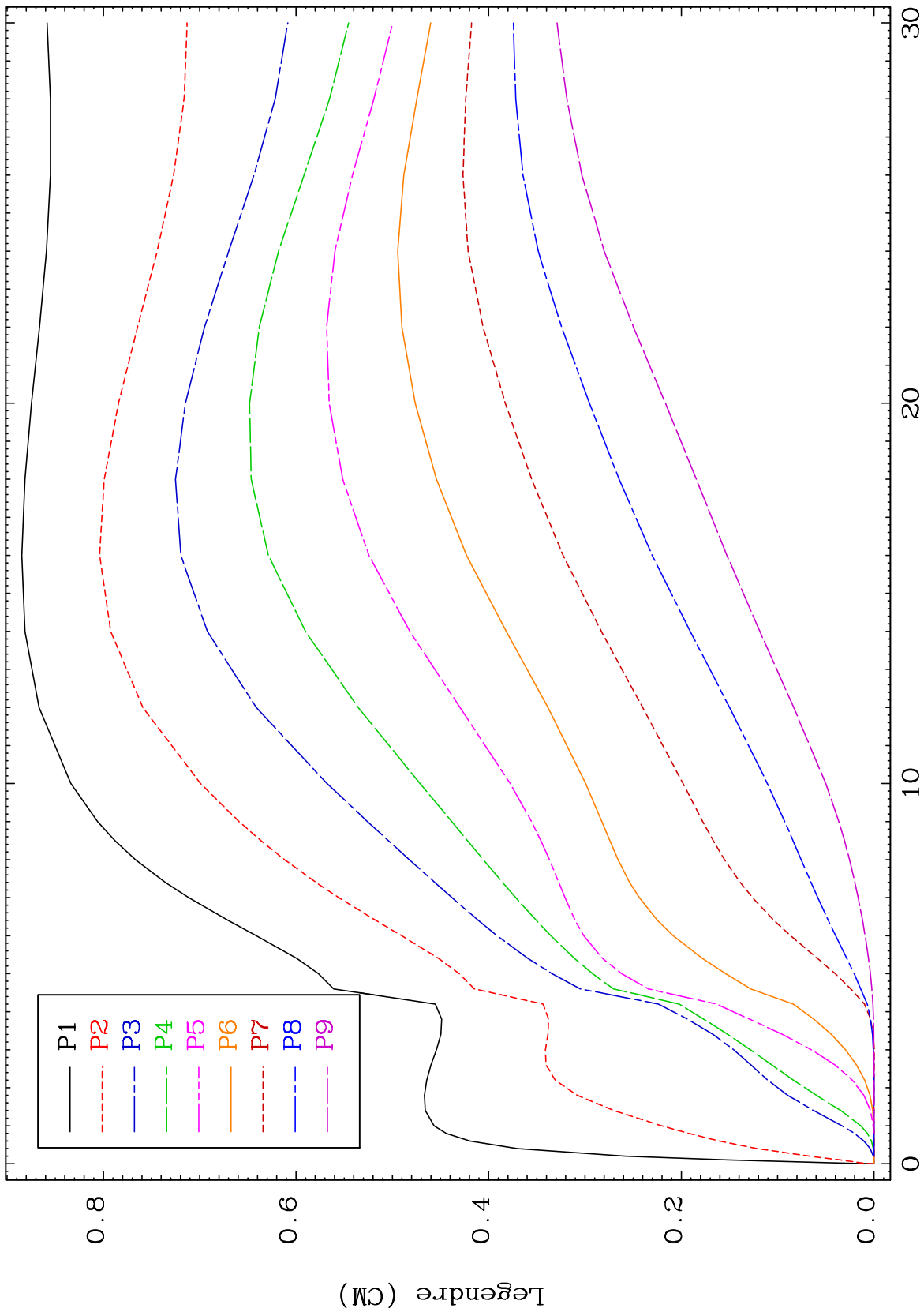




MAT 4355

Elastic Legendre Coefficients

43-Tc-109



13

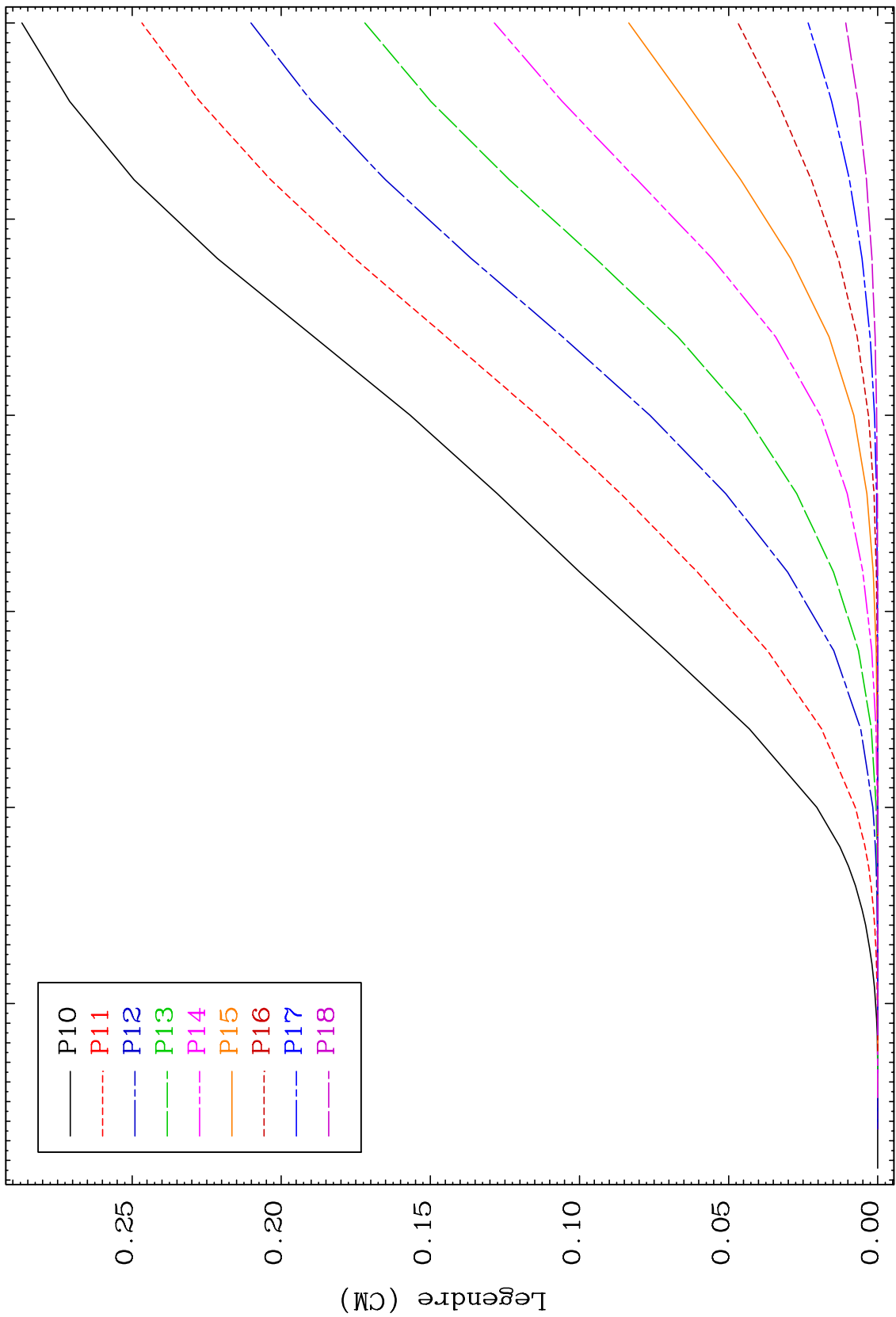
Incident Energy (MeV)

43-Tc-109

MAT 4355

Elastic Legendre Coefficients

43-Tc-109



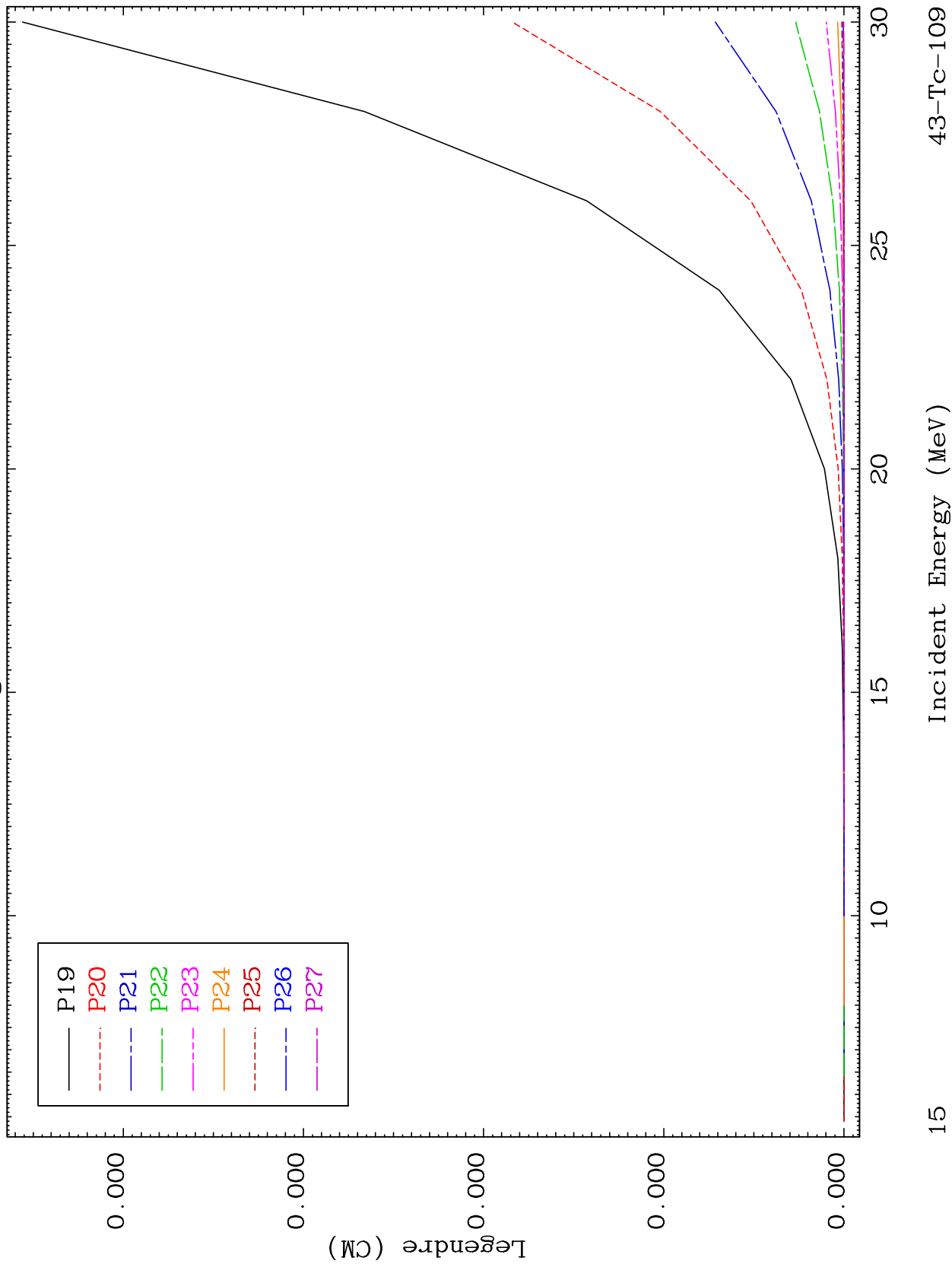
14

43-Tc-109

MAT 4355

### Elastic Legendre Coefficients

43-Tc-109



15

Incident Energy (MeV)

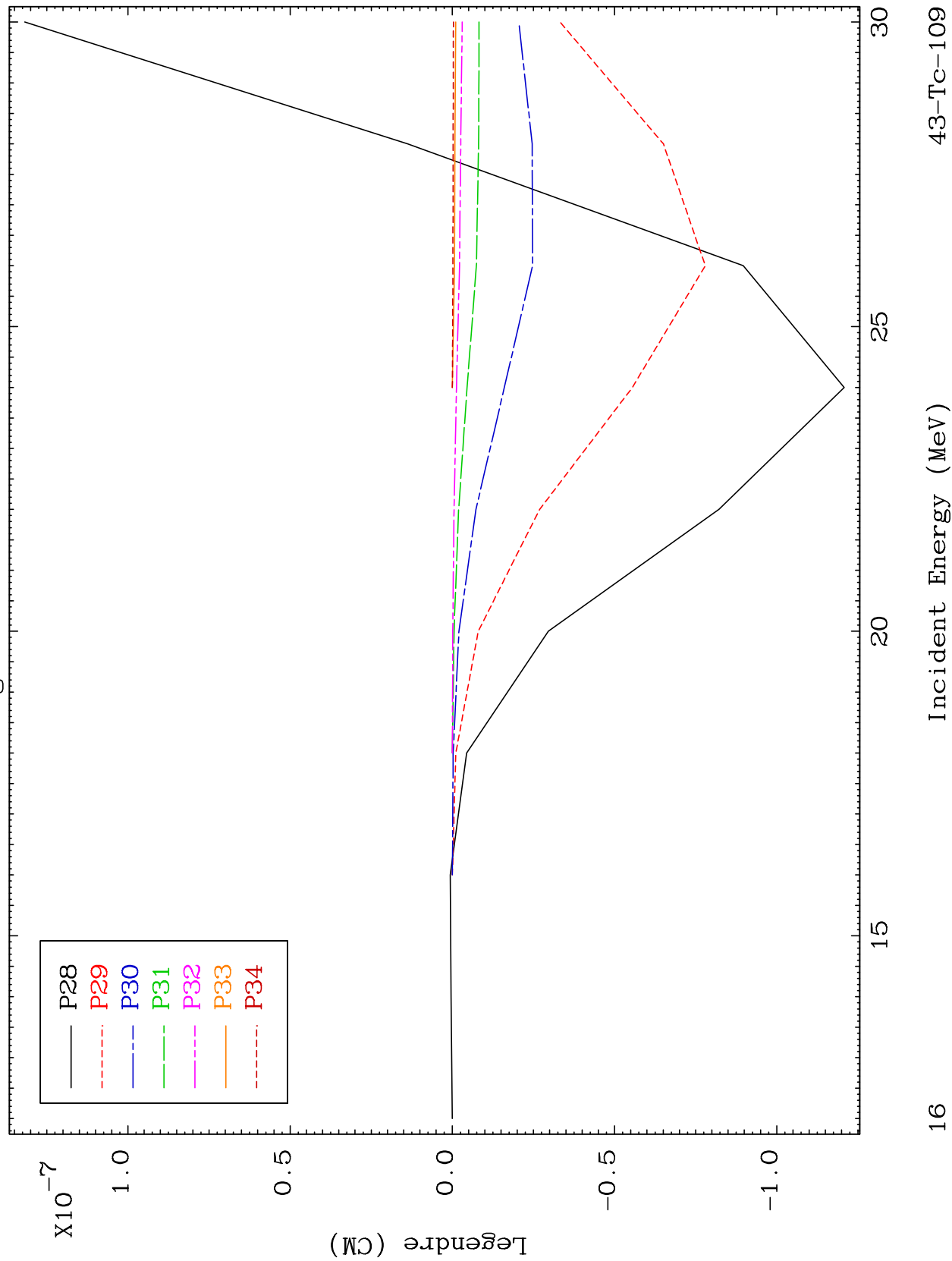
43-Tc-109



MAT 4355

Elastic Legendre Coefficients

43-Tc-109



16

Incident Energy (MeV)

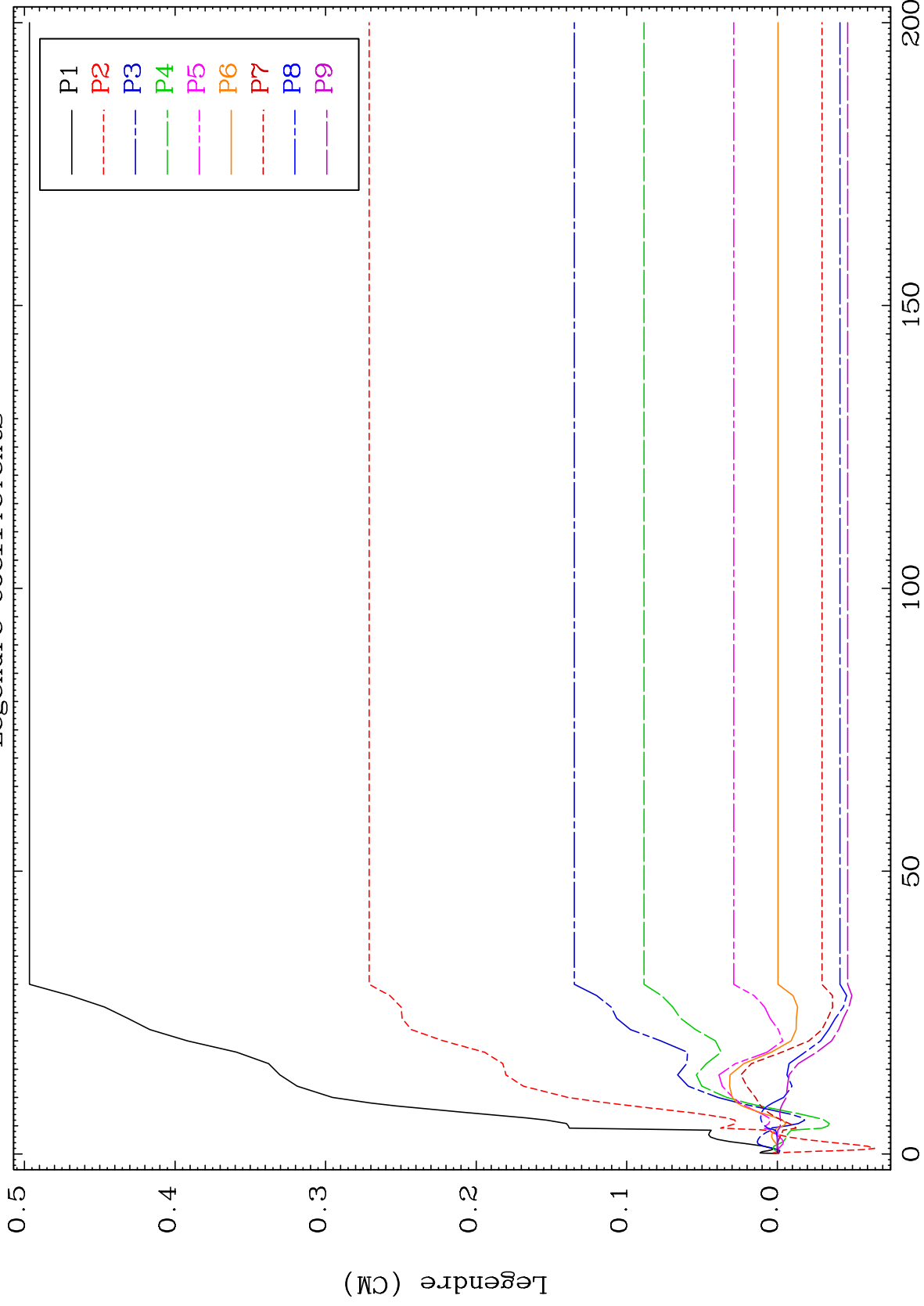
43-Tc-109

MAT 4355

MT= 51 (n,n') Level

43-Tc-109

Legendre Coefficients



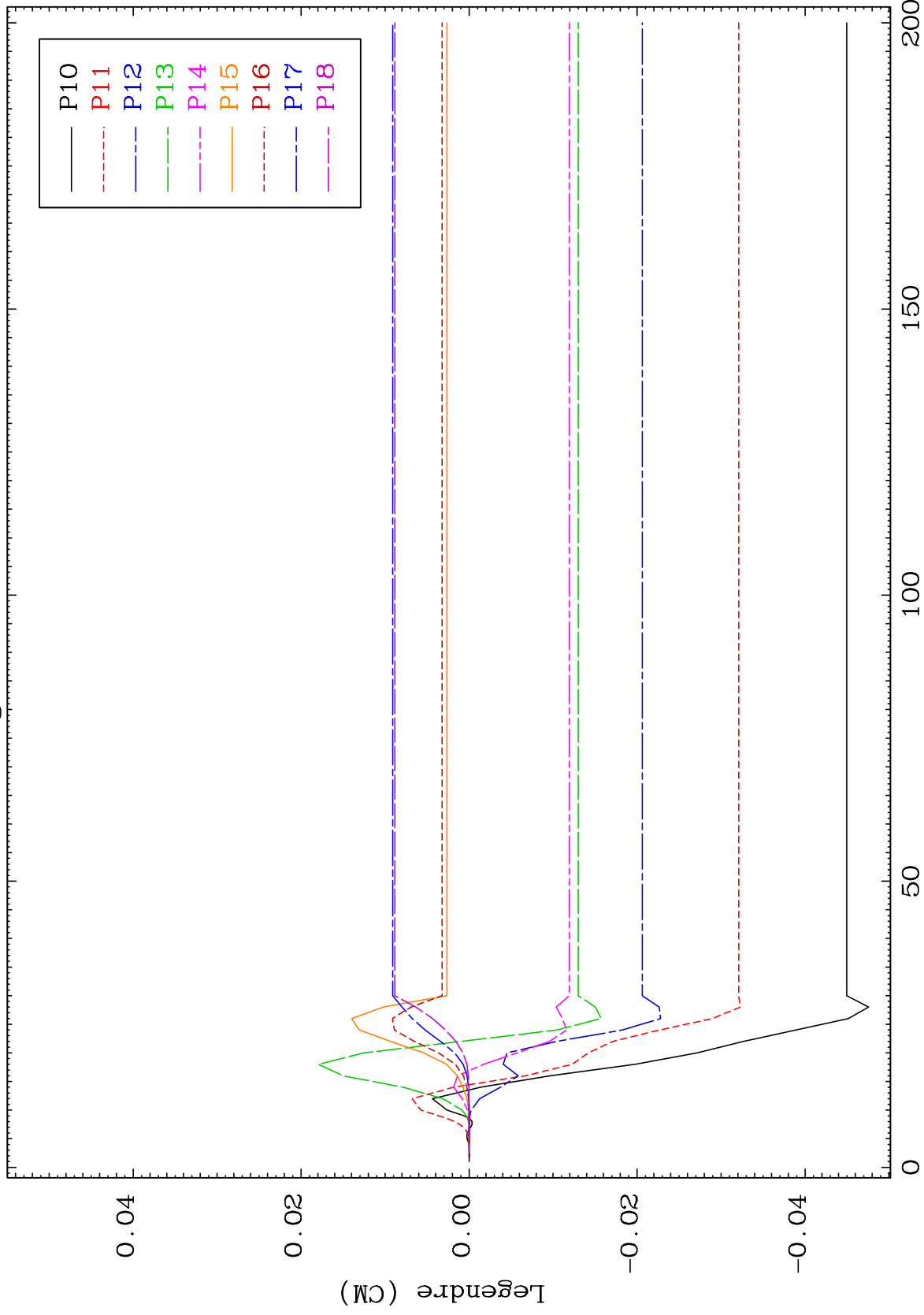
17

43-Tc-109

MAT 4355

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

43-Tc-109



18

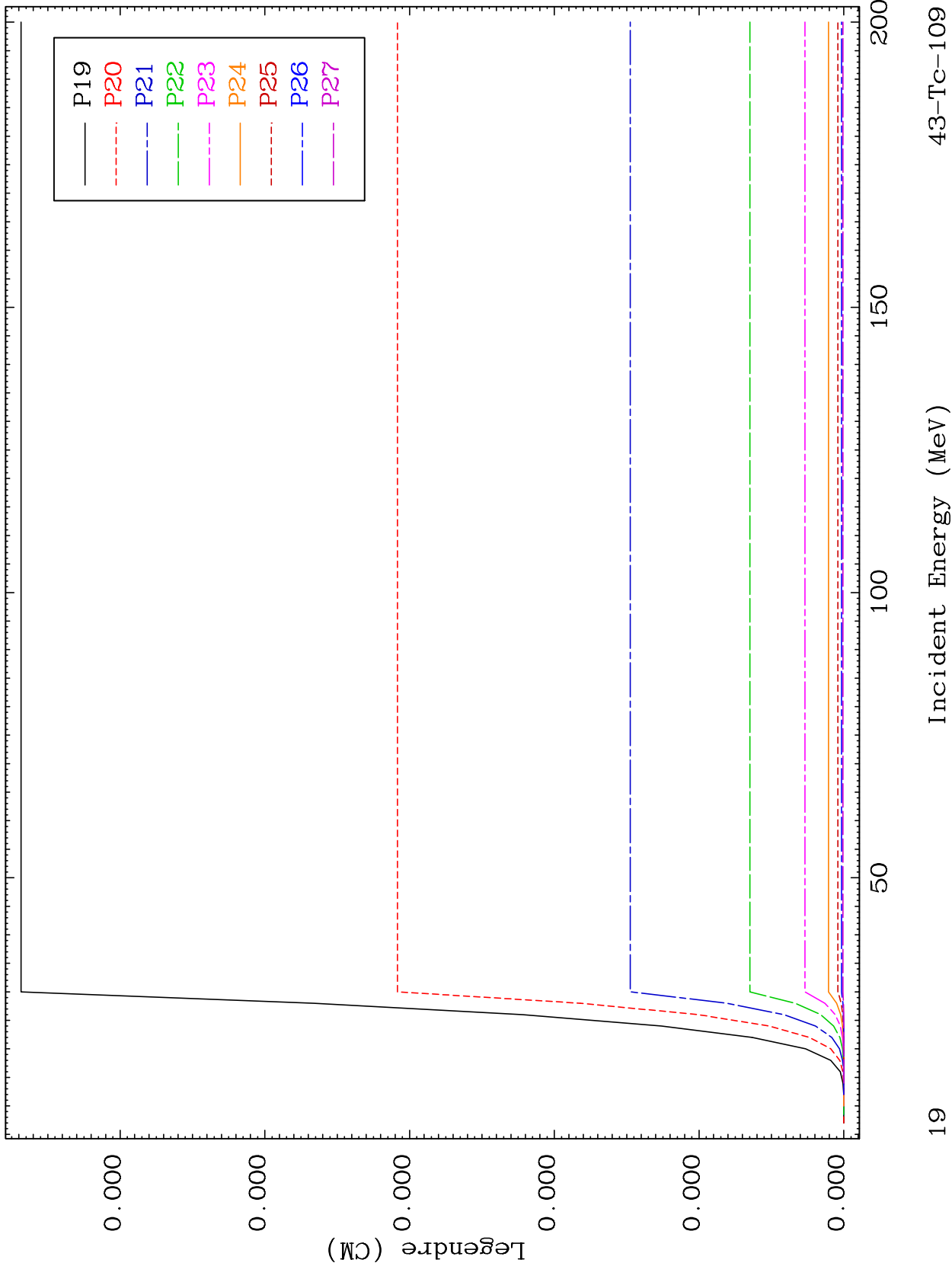
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

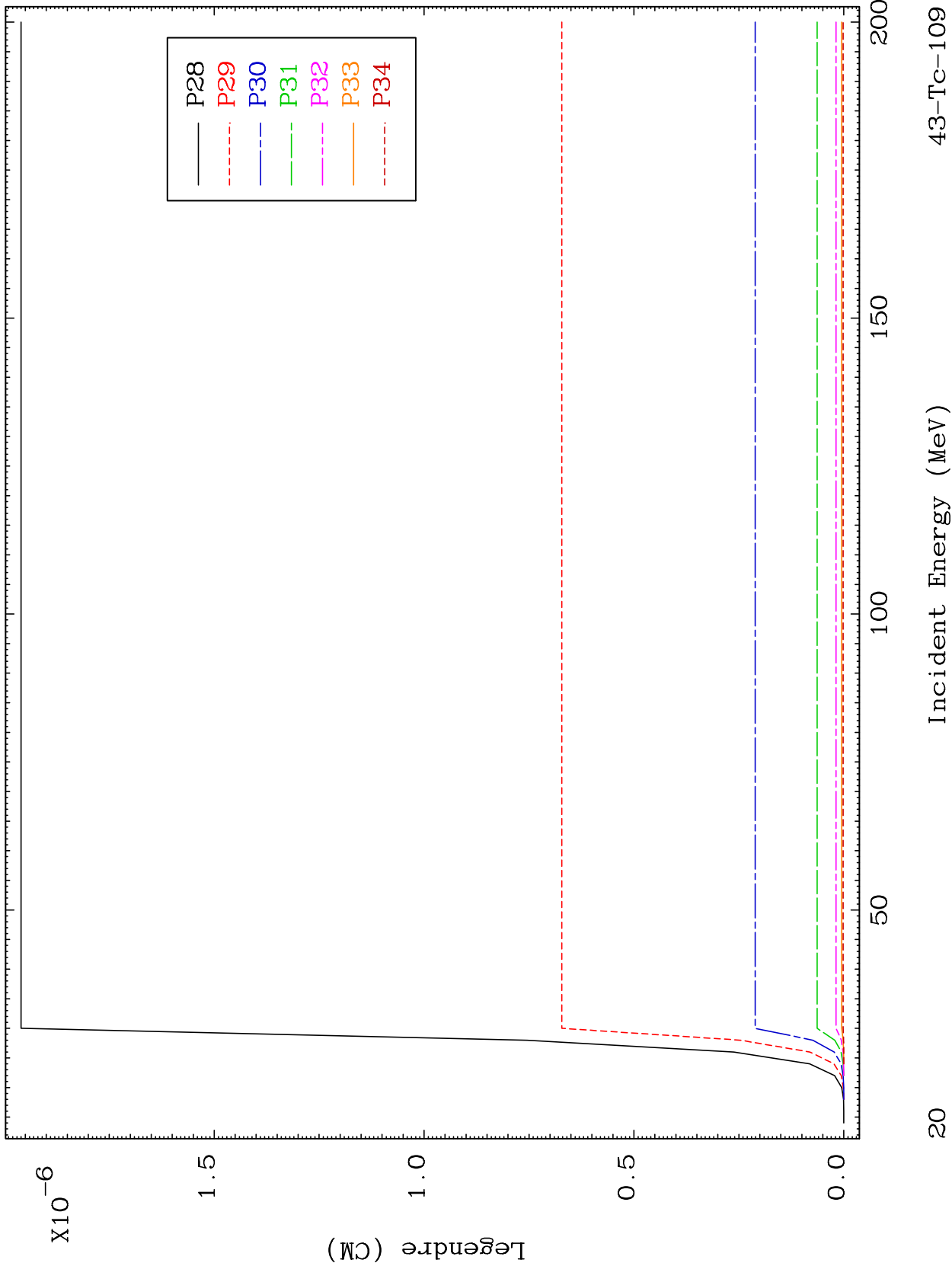
43-Tc-109



MAT 4355

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

43-Tc-109

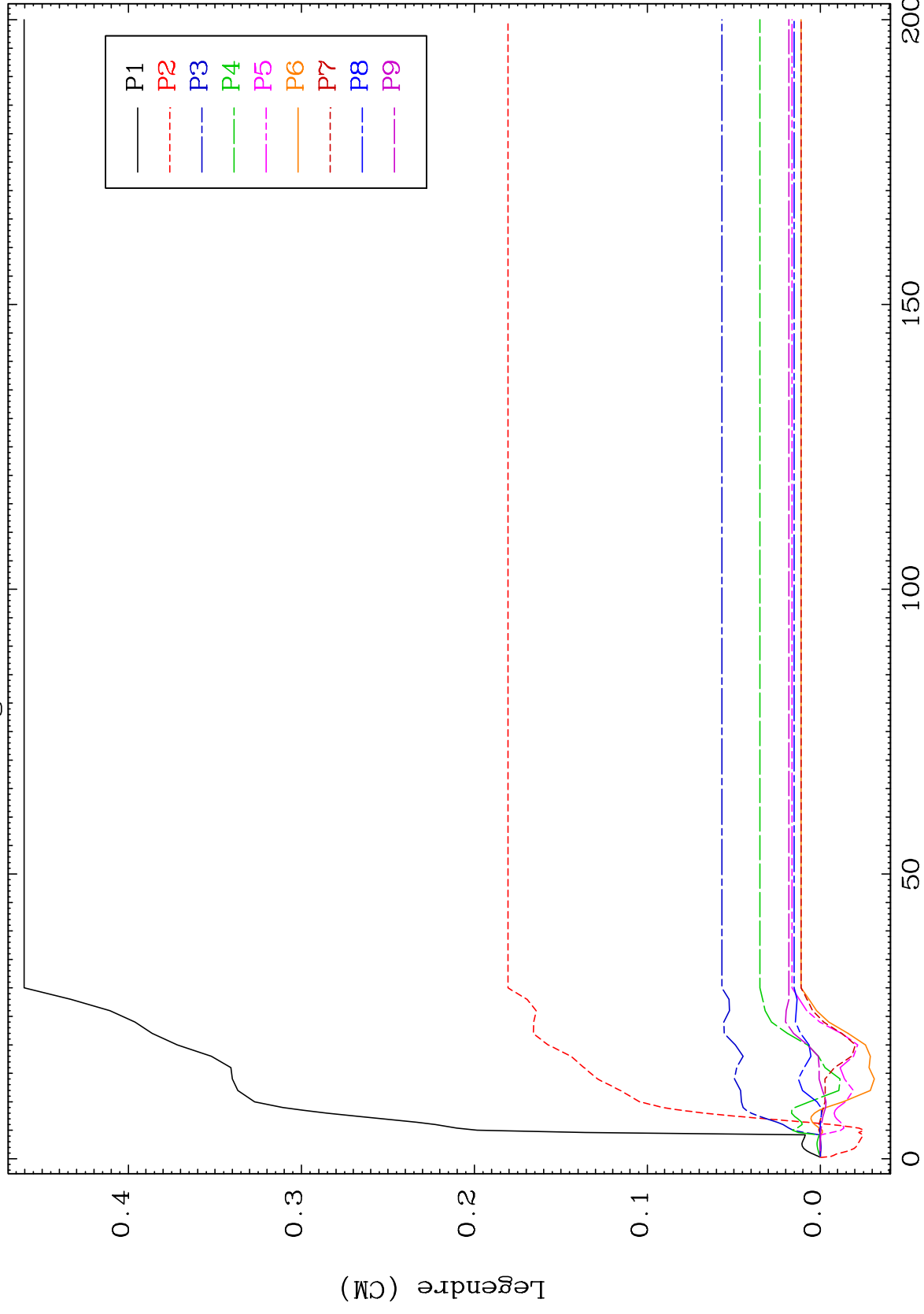


43-Tc-109

MAT 4355

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

43-Tc-109



21

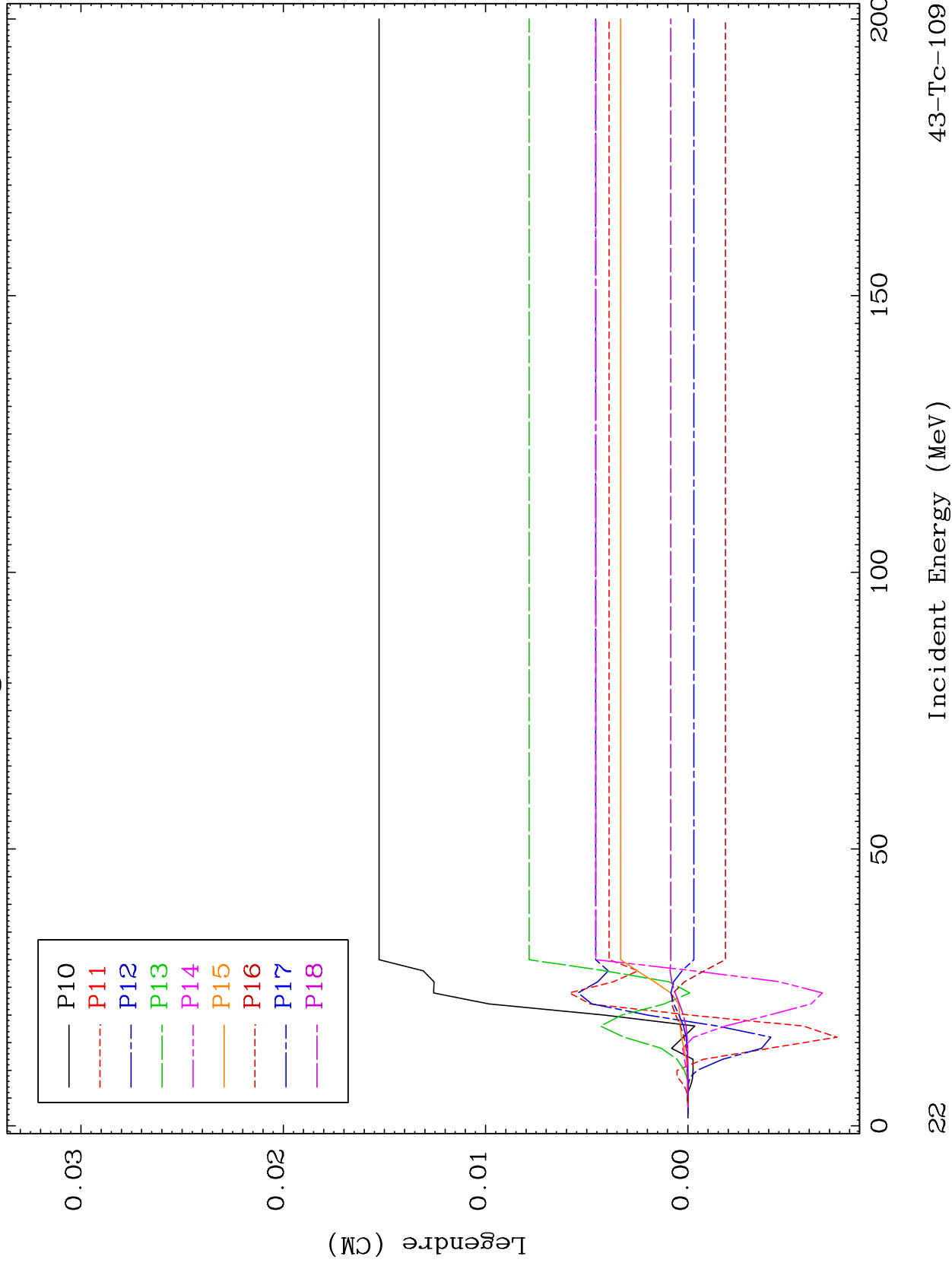
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



43-Tc-109

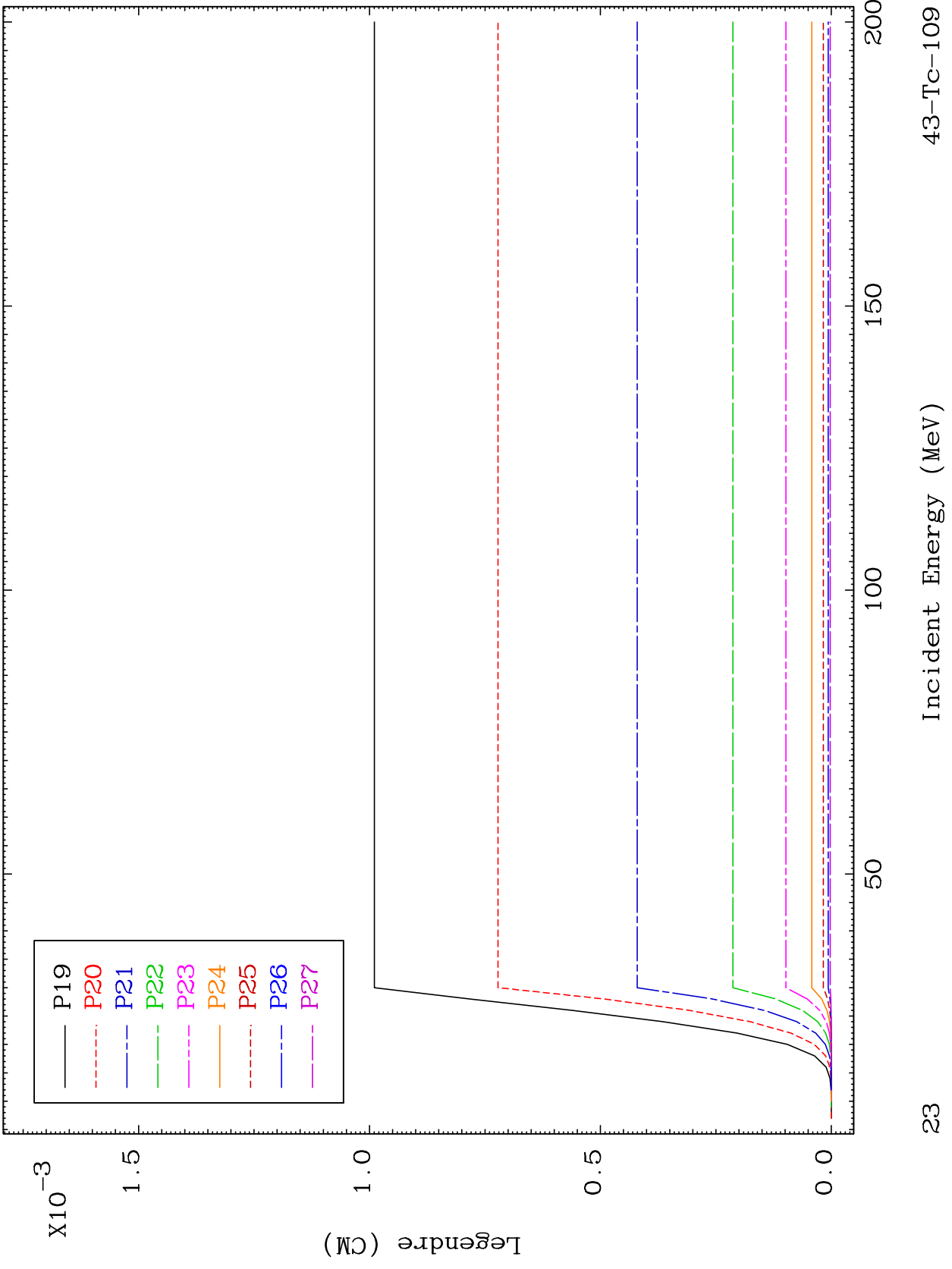
Incident Energy (MeV)

22

MAT 4355

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

43-Tc-109

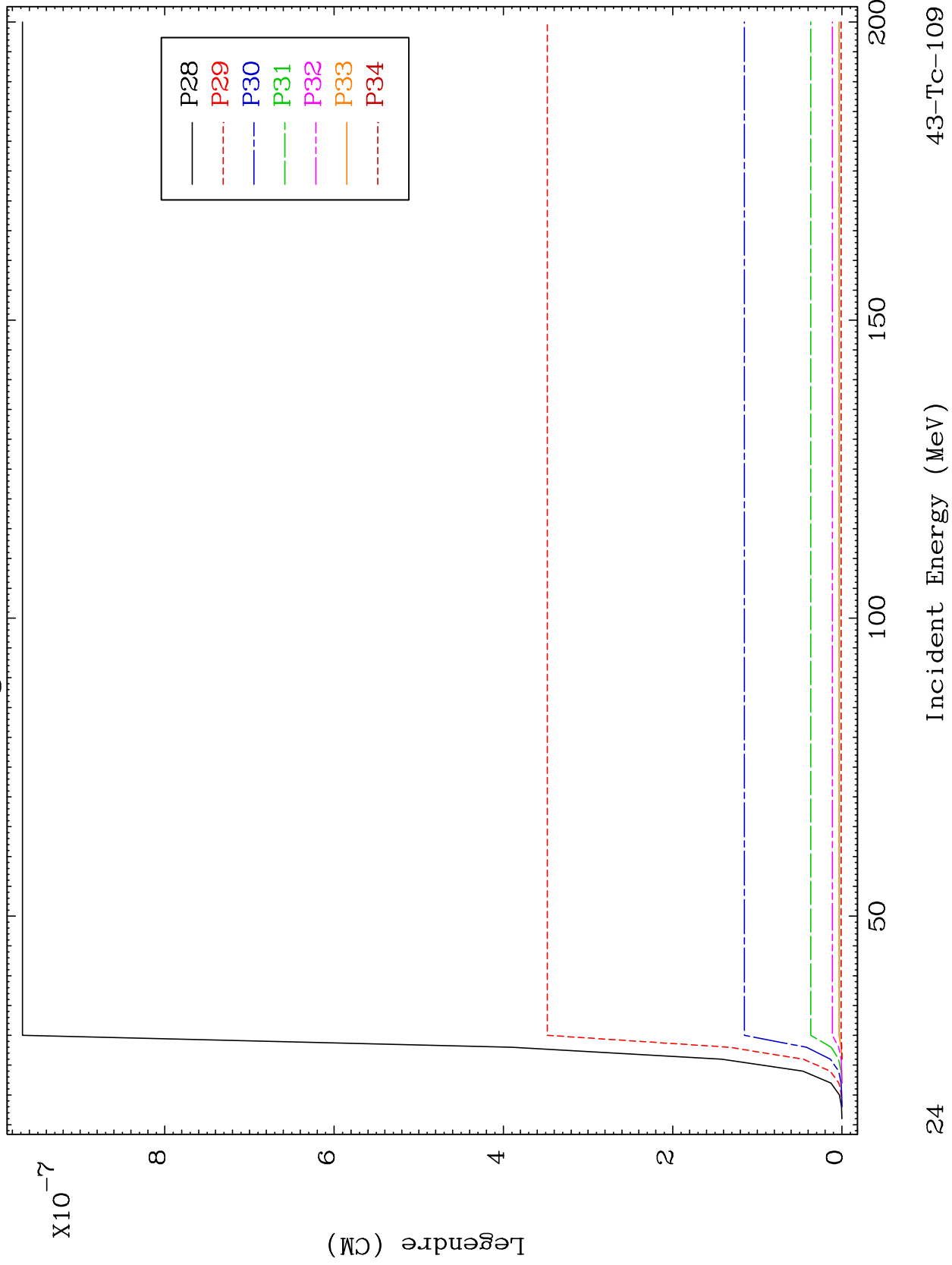




MAT 4355

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

43-Tc-109



24

Incident Energy (MeV)

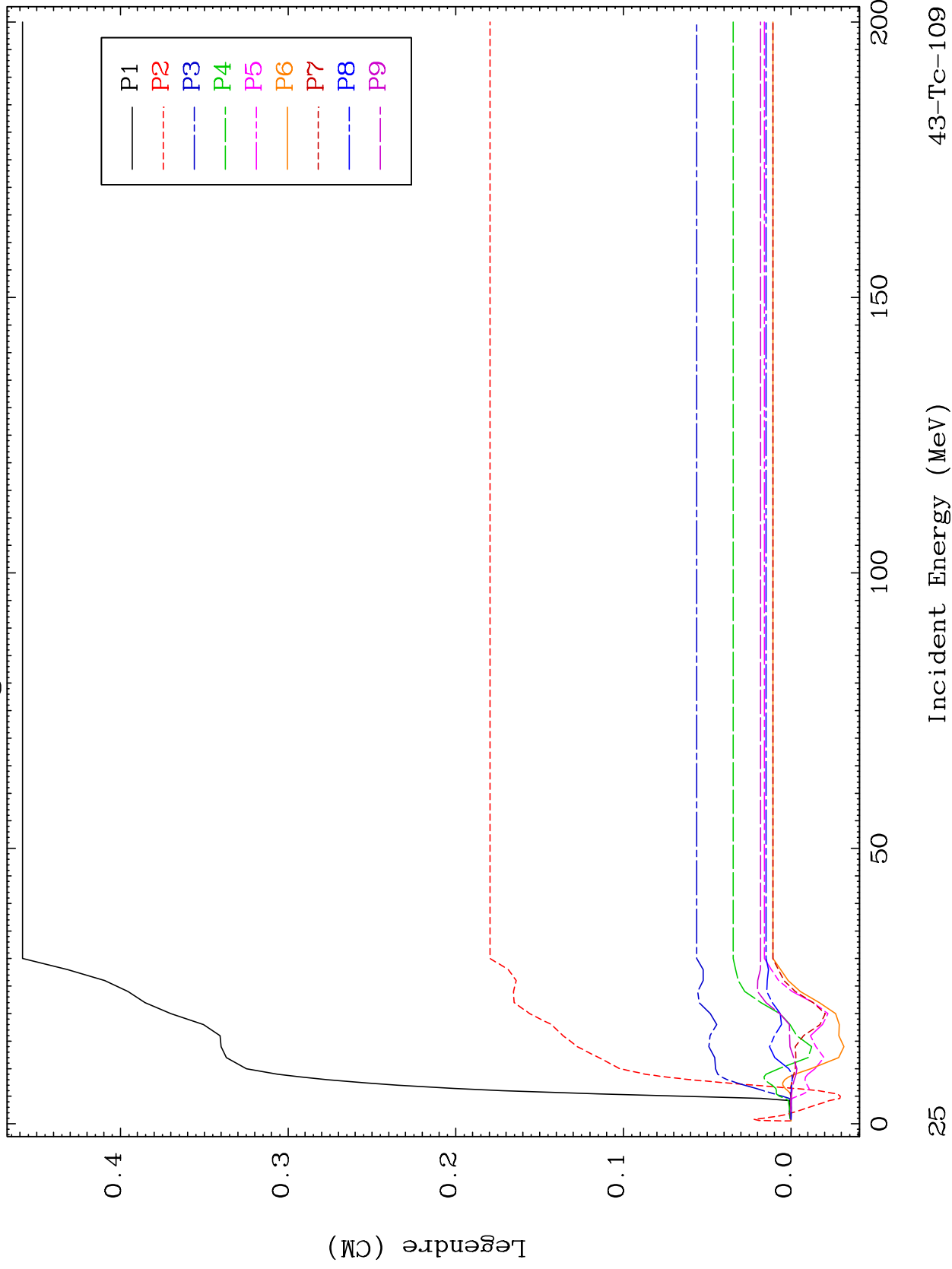
43-Tc-109

MAT 4355

MT= 53 (n,n') Level

43-Tc-109

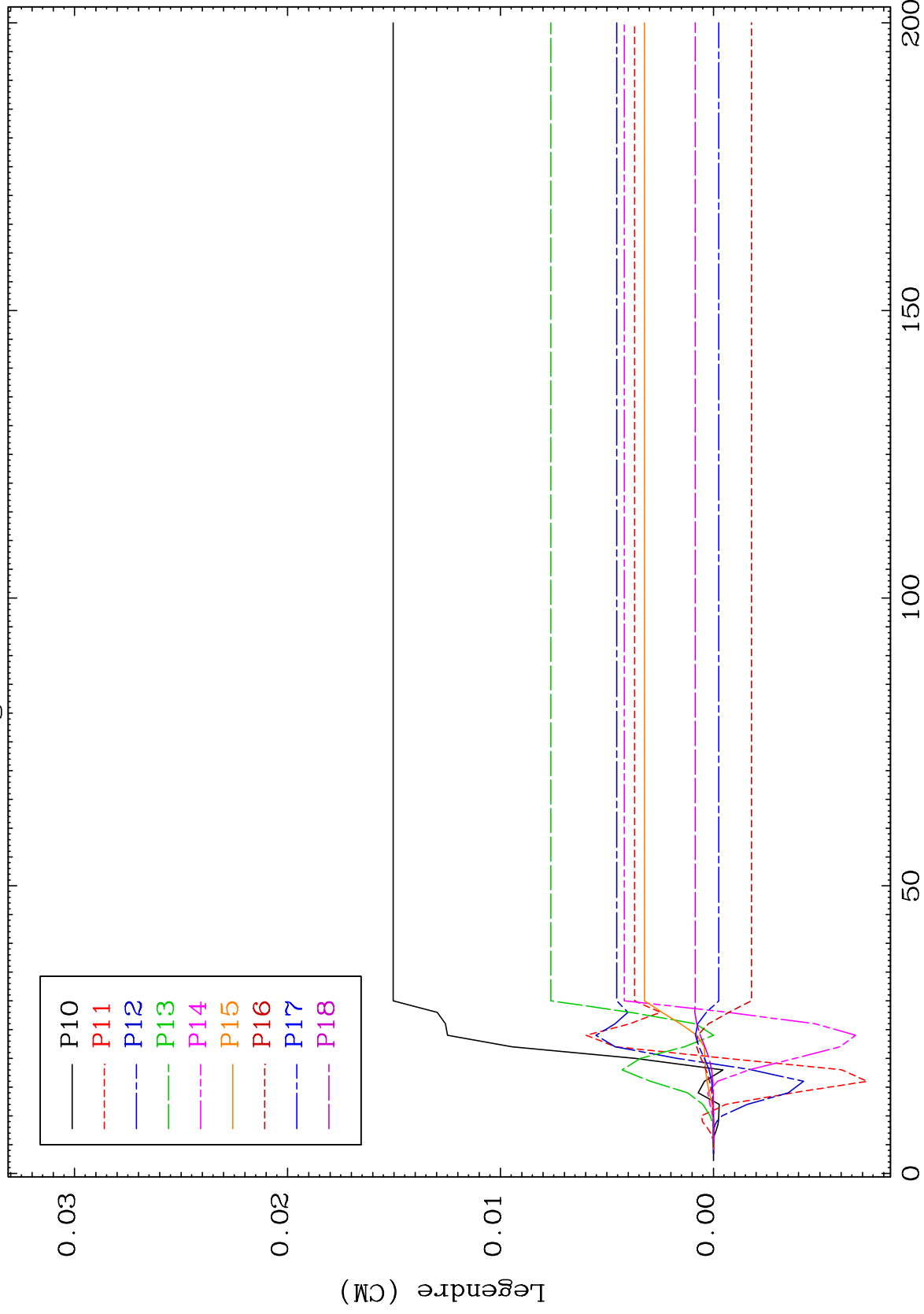
Legendre Coefficients



MAT 4355

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

43-Tc-109



26

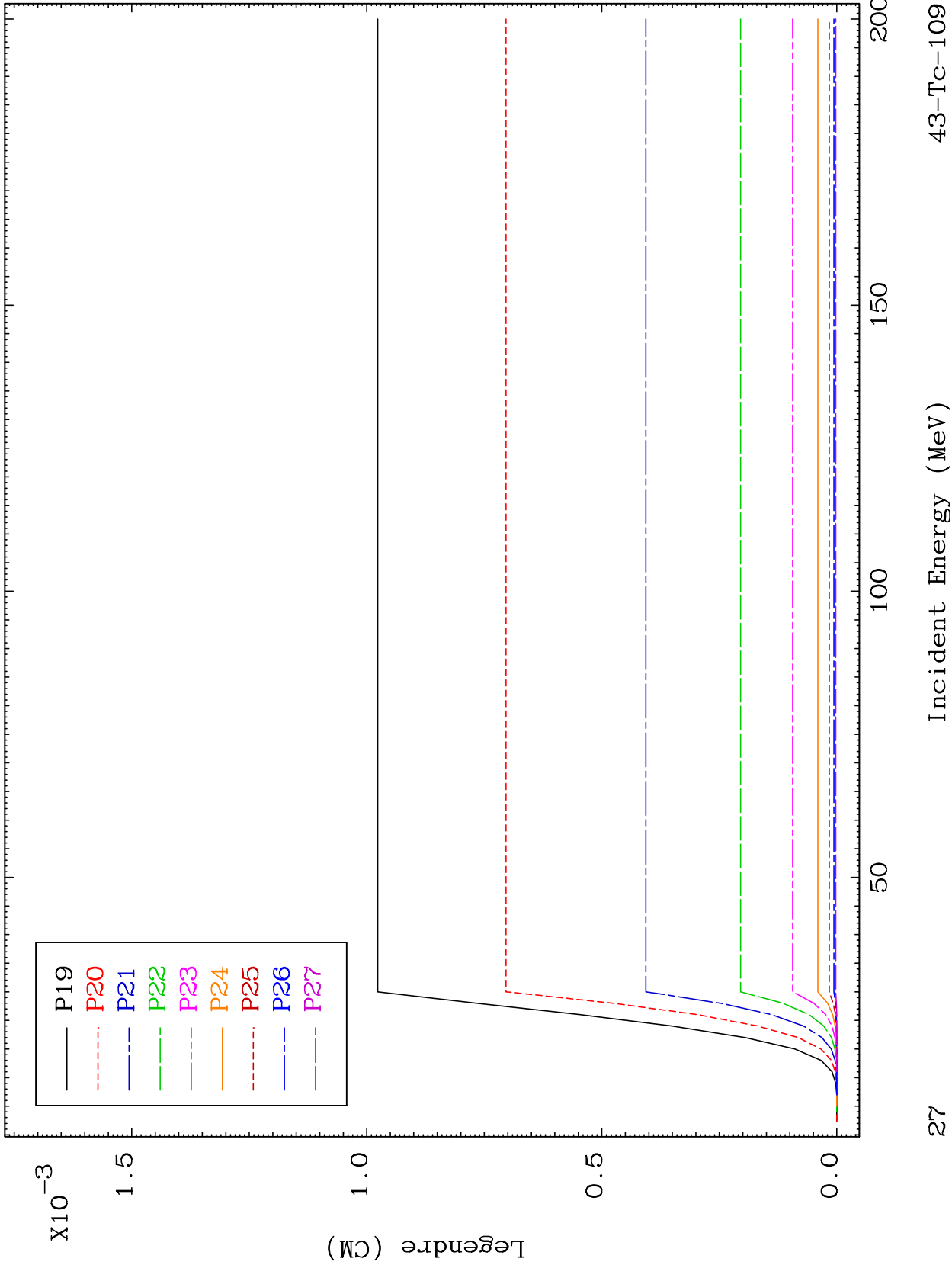
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

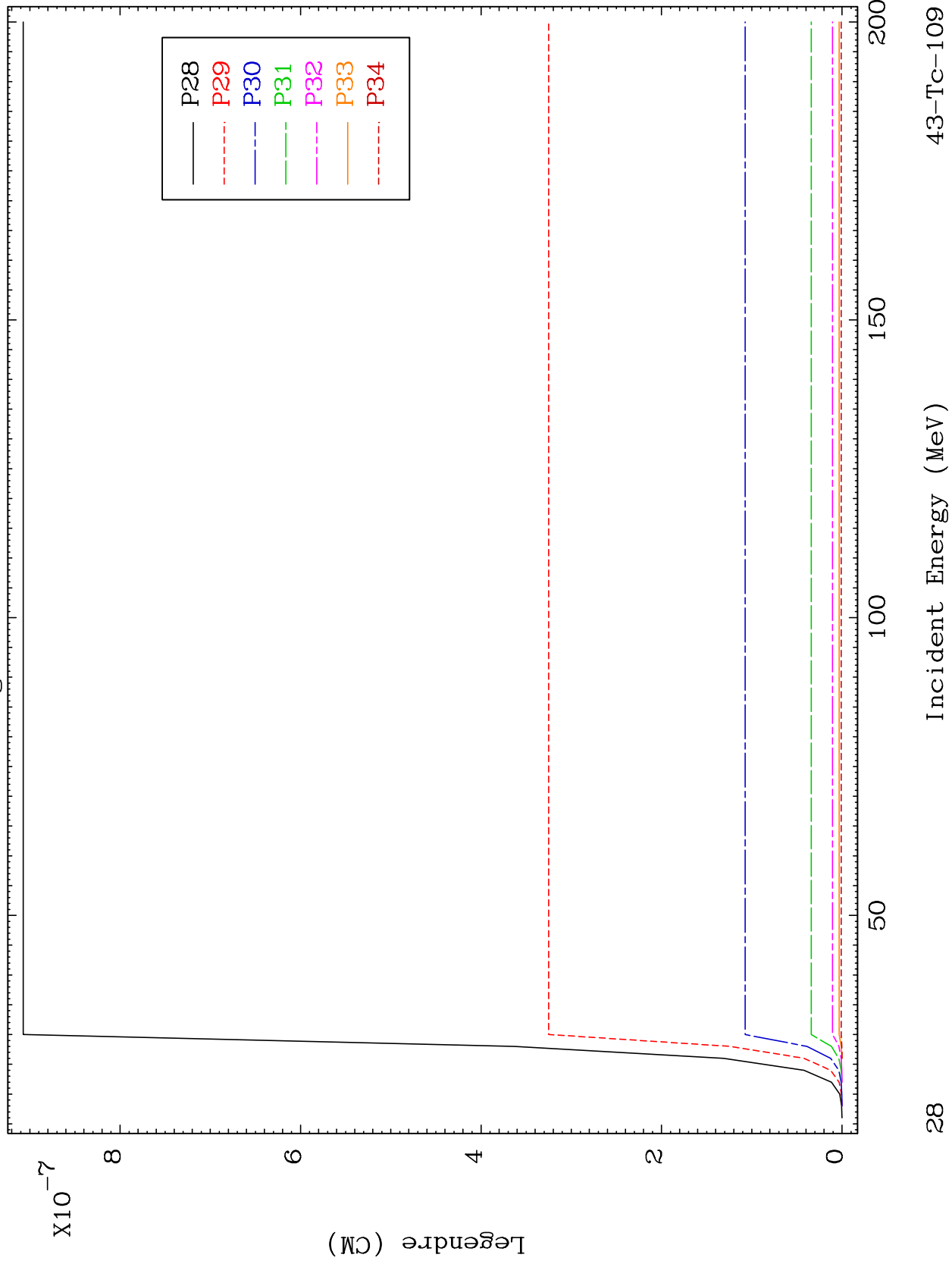
43-Tc-109



MAT 4355

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

43-Tc-109



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Incident Energy (MeV)

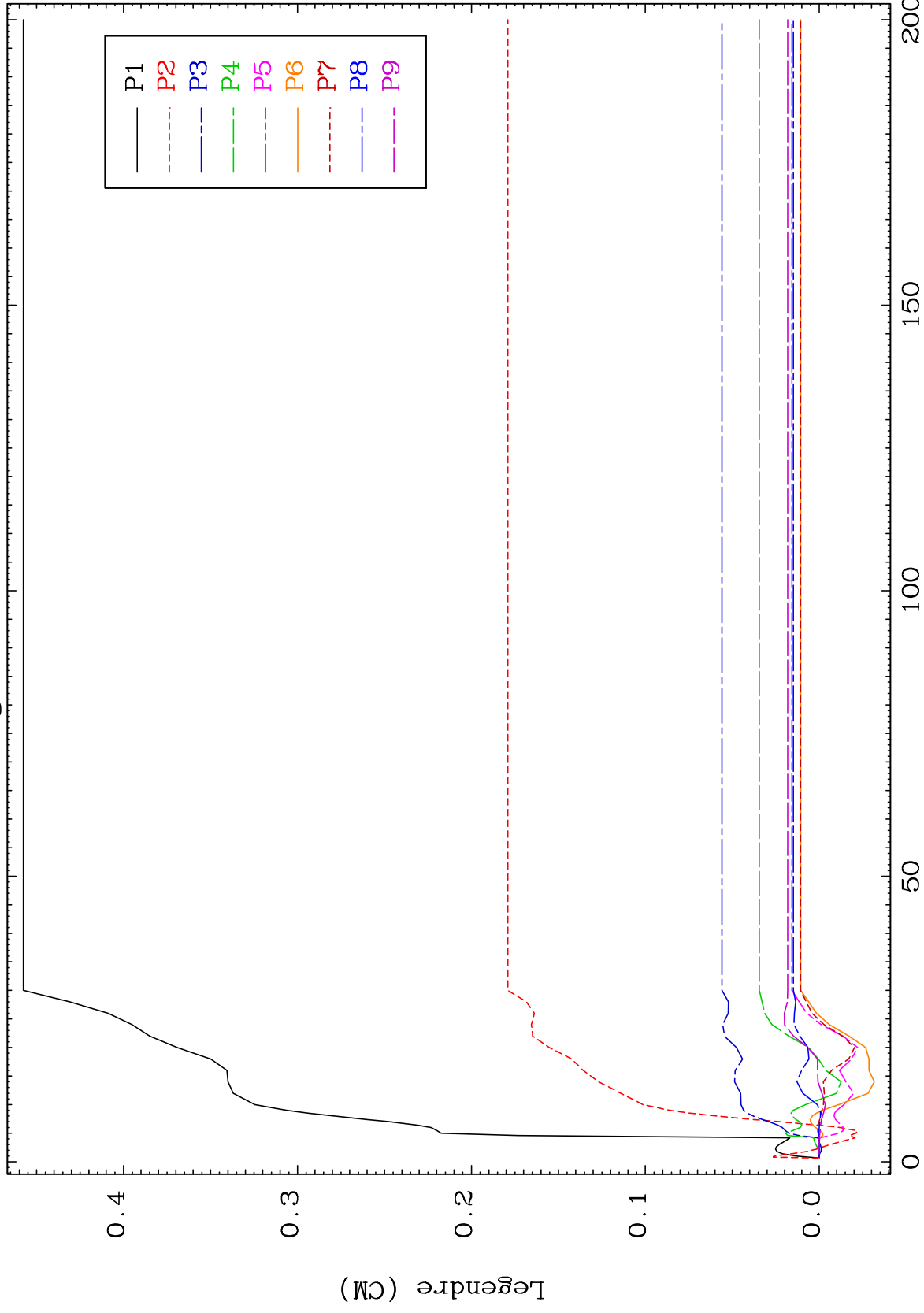
43-Tc-109

MAT 4355

MT= 54 (n,n') Level

43-Tc-109

Legendre Coefficients



29

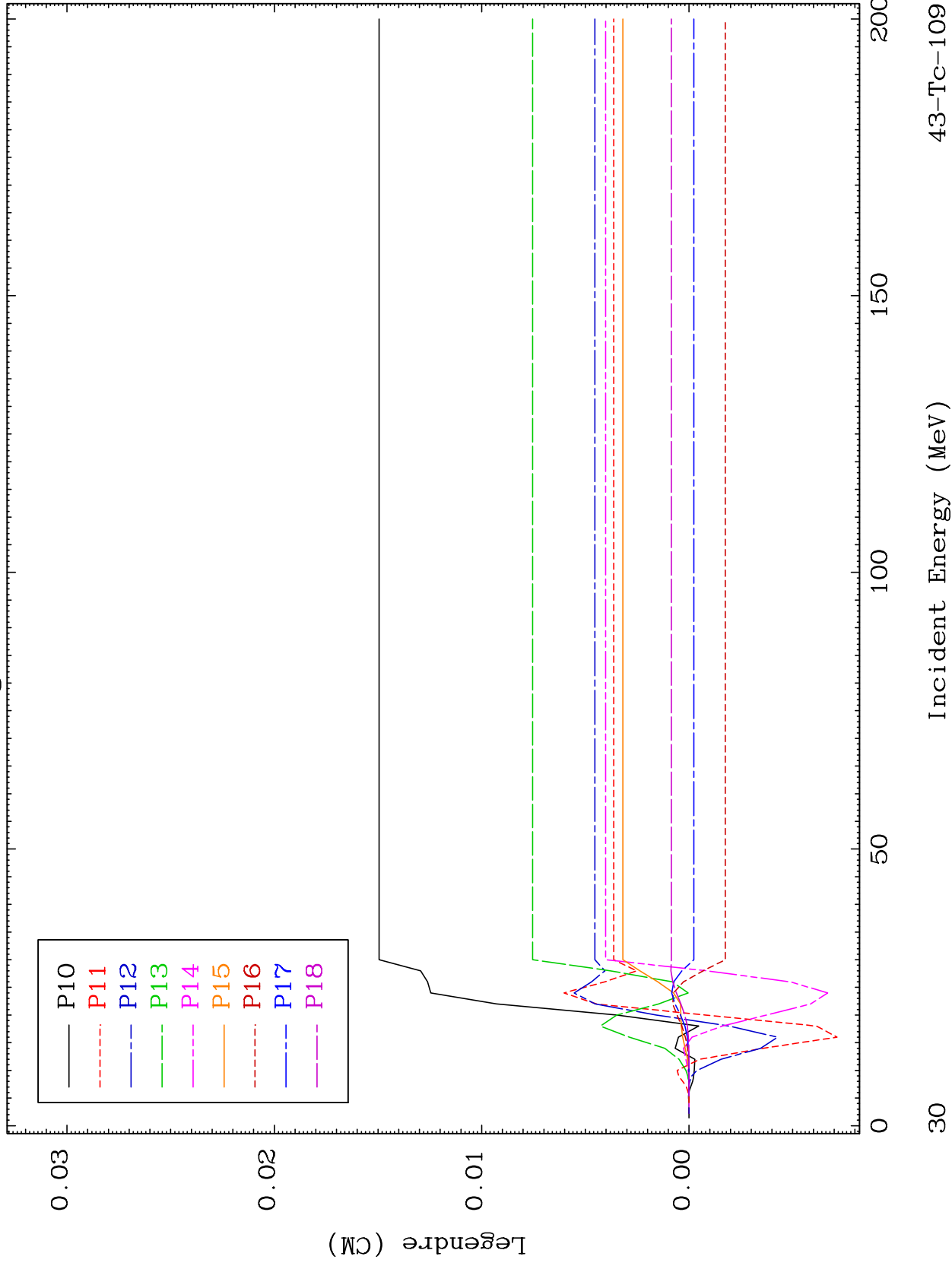
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109

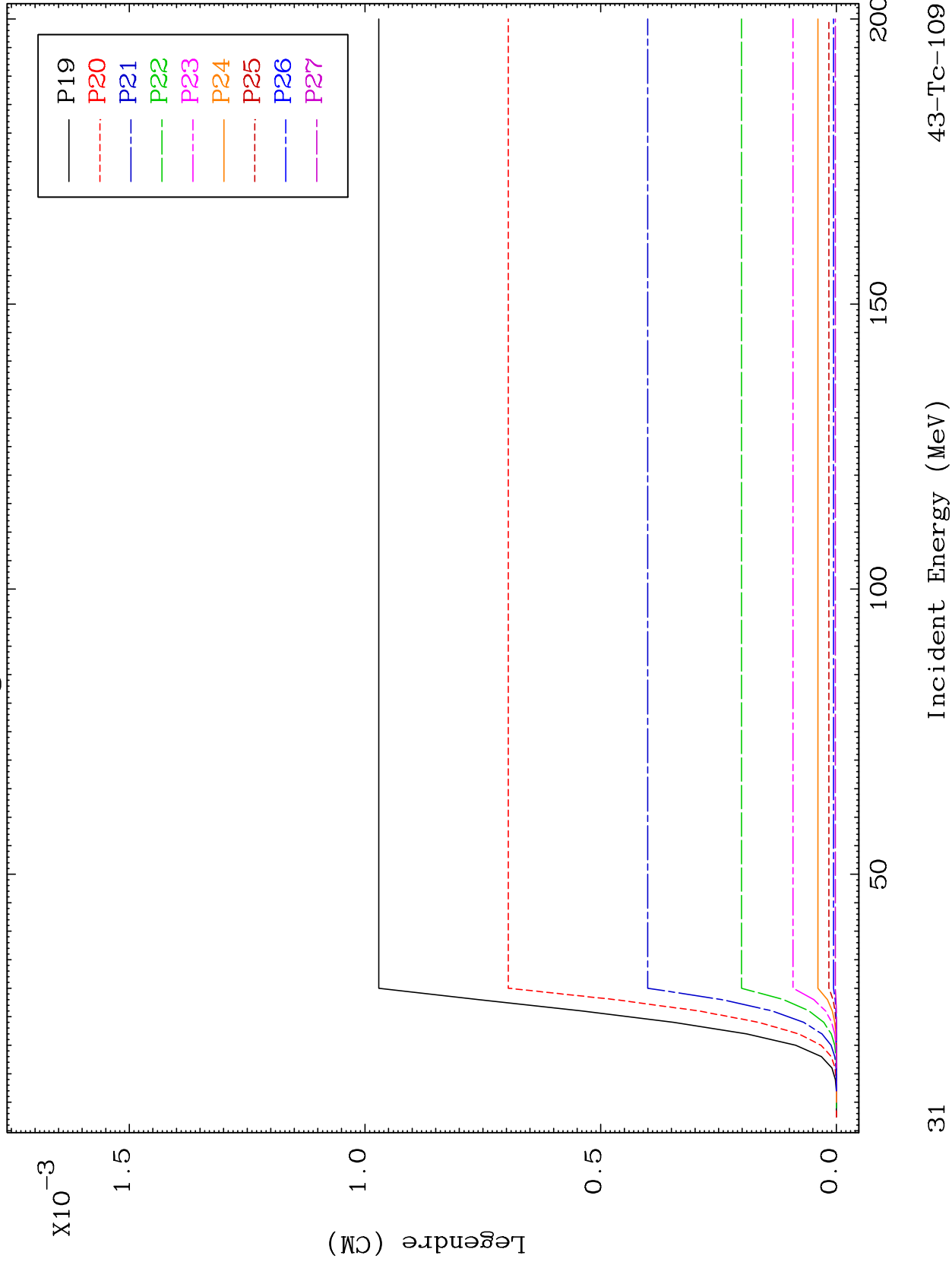


43-Tc-109

MAT 4355

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

43-Tc-109



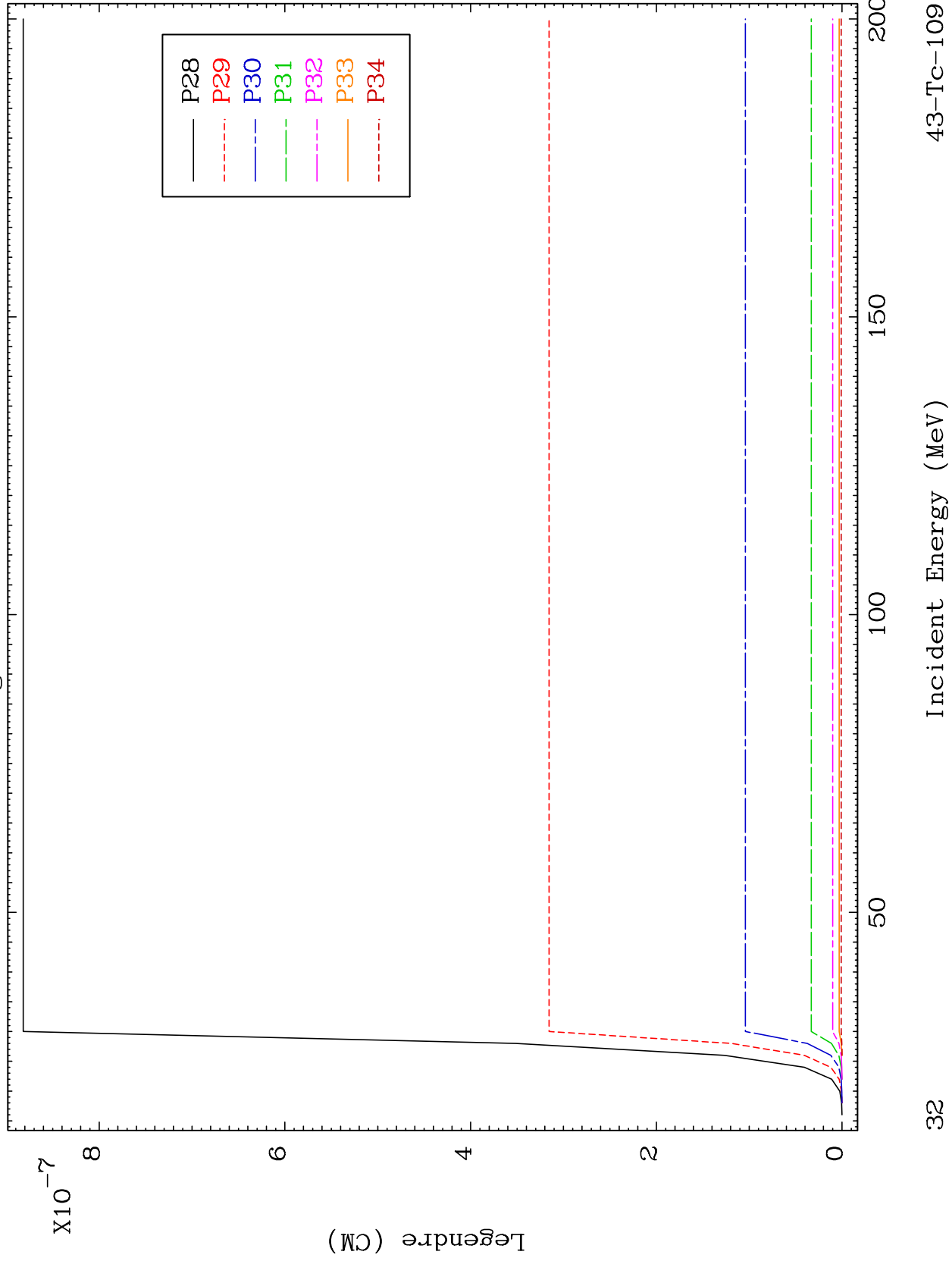
31



MAT 4355

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

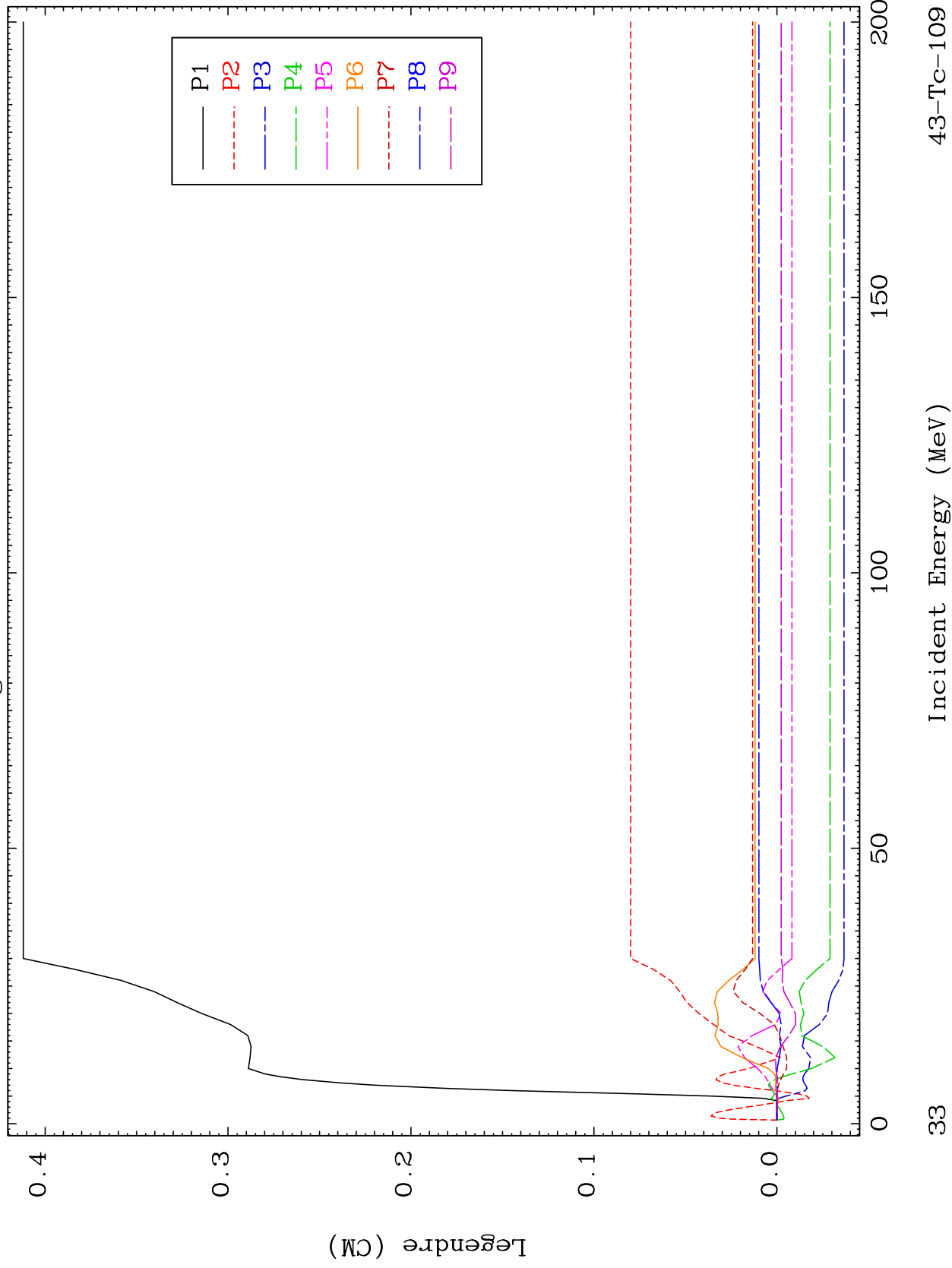
43-Tc-109



MAT 4355

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

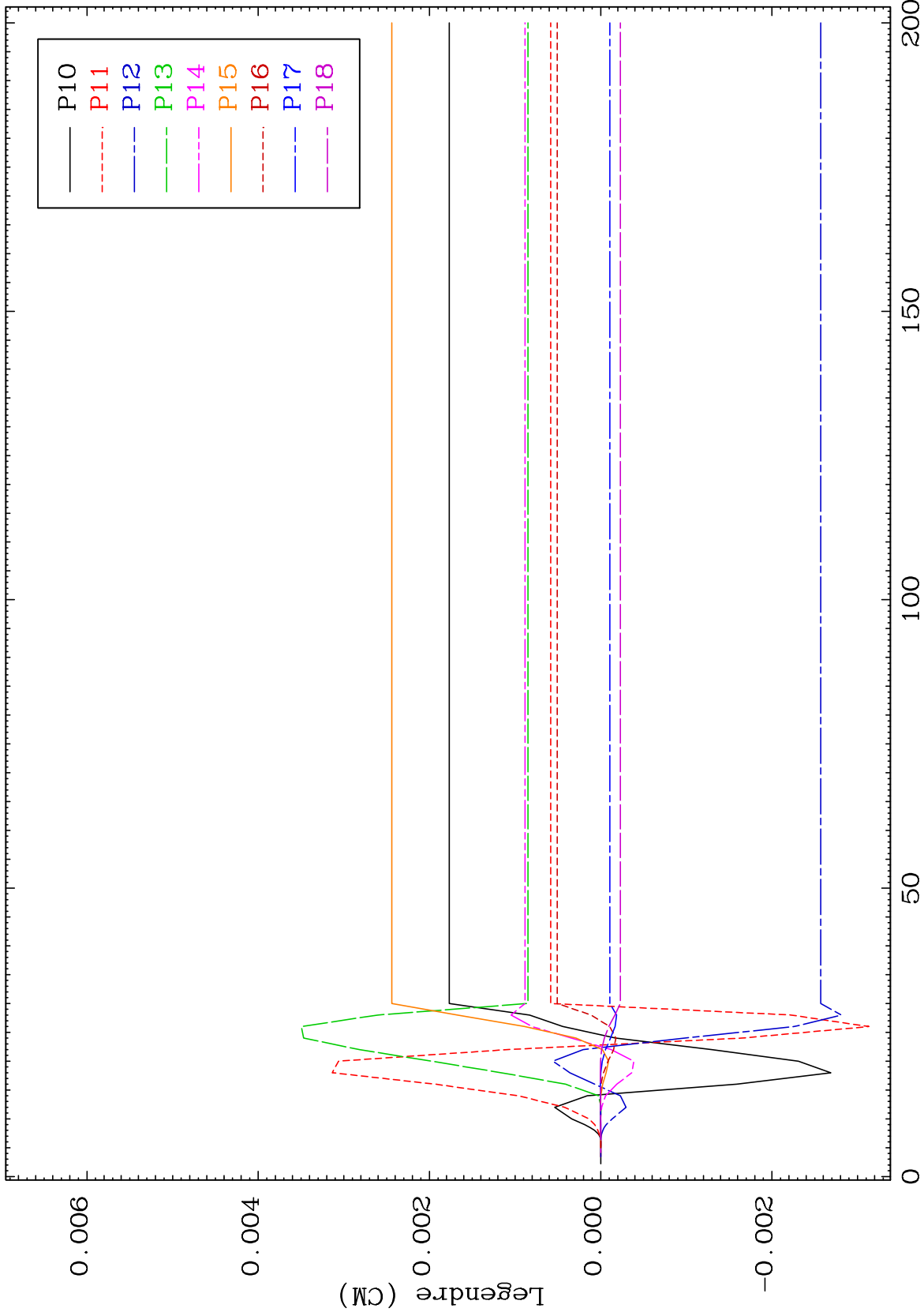
43-Tc-109



MAT 4355

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

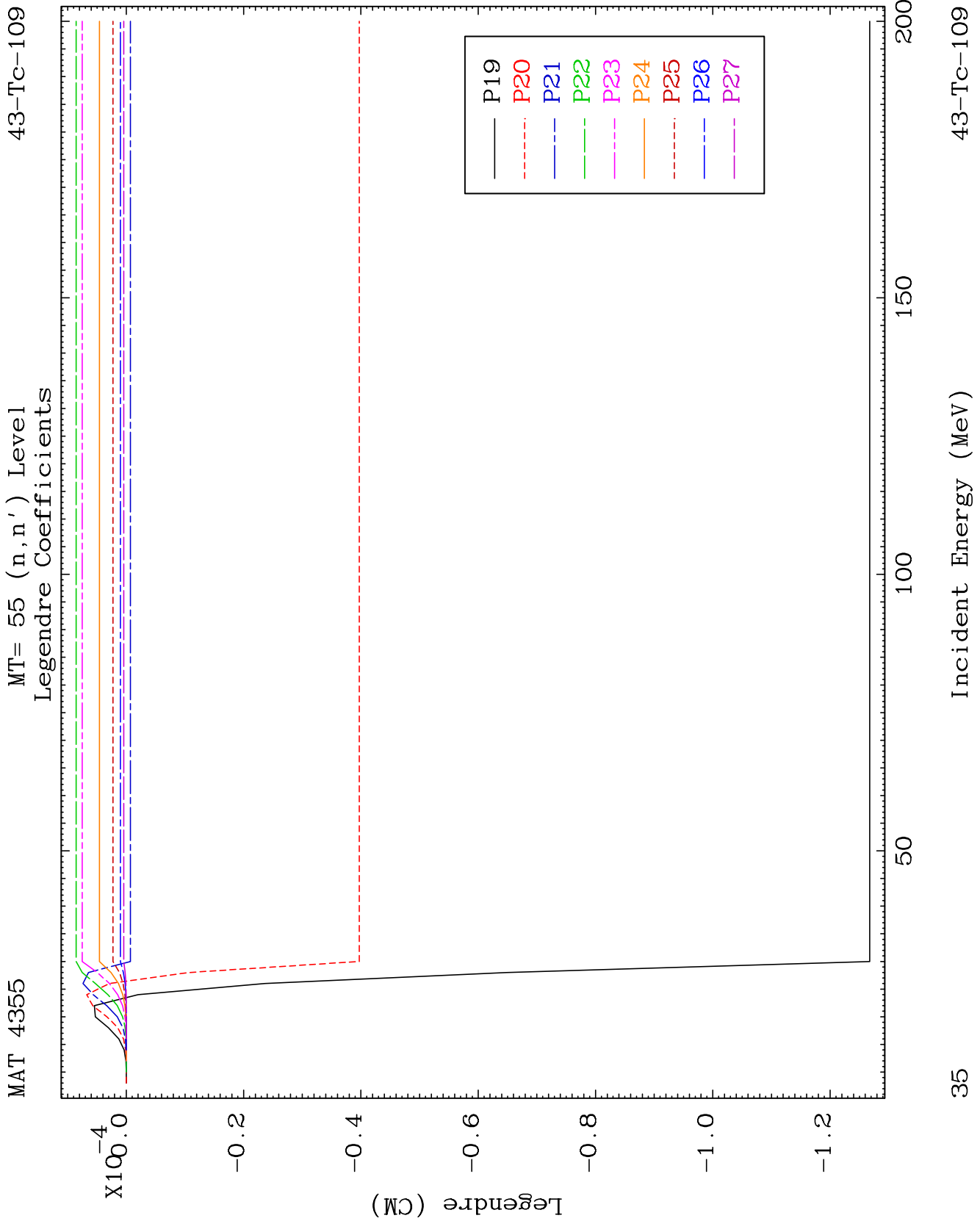
43-Tc-109



34

Incident Energy (MeV)

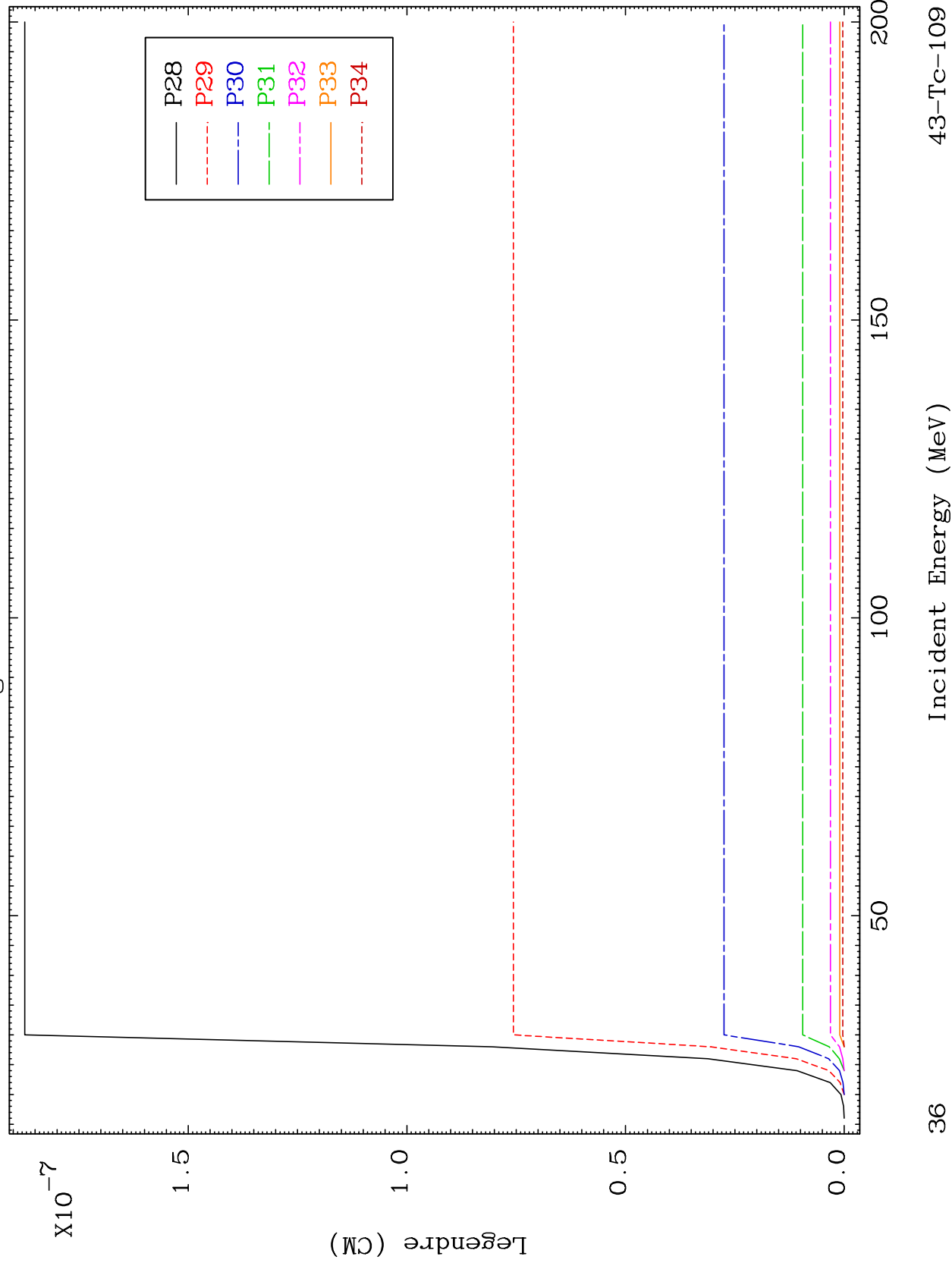
43-Tc-109



MAT 4355

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

43-Tc-109



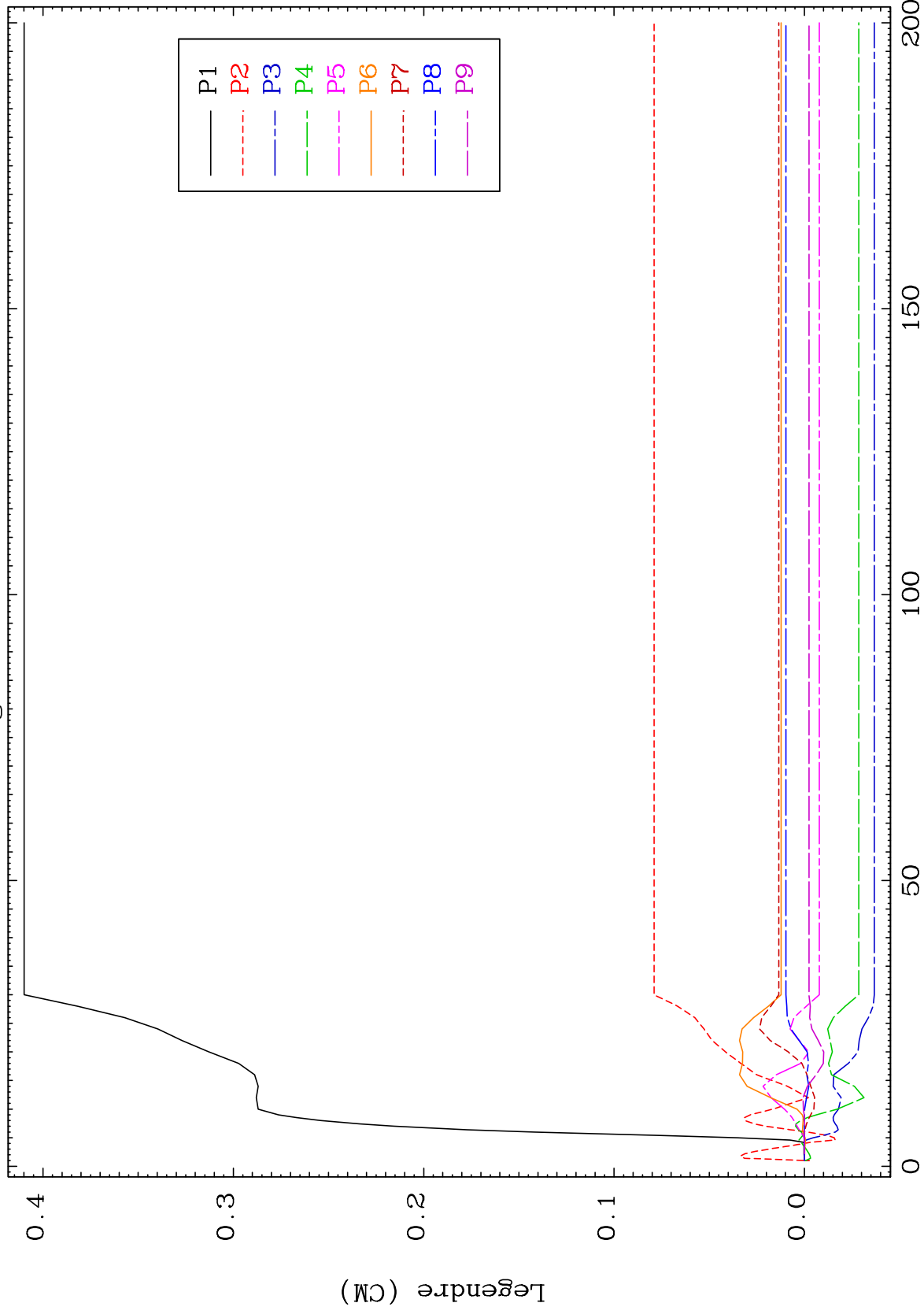
36

43-Tc-109

MAT 4355

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

43-Tc-109



37

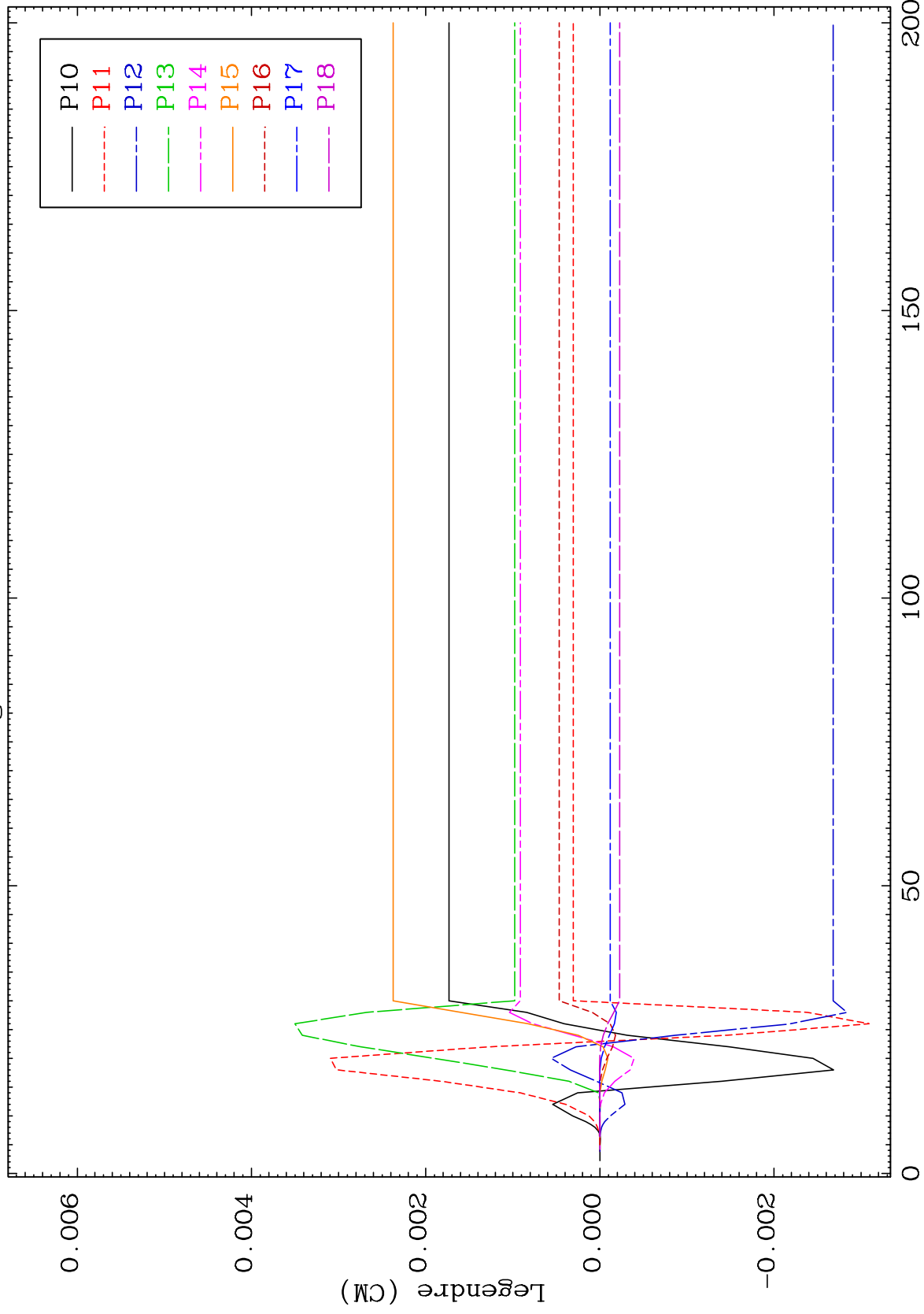
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



38

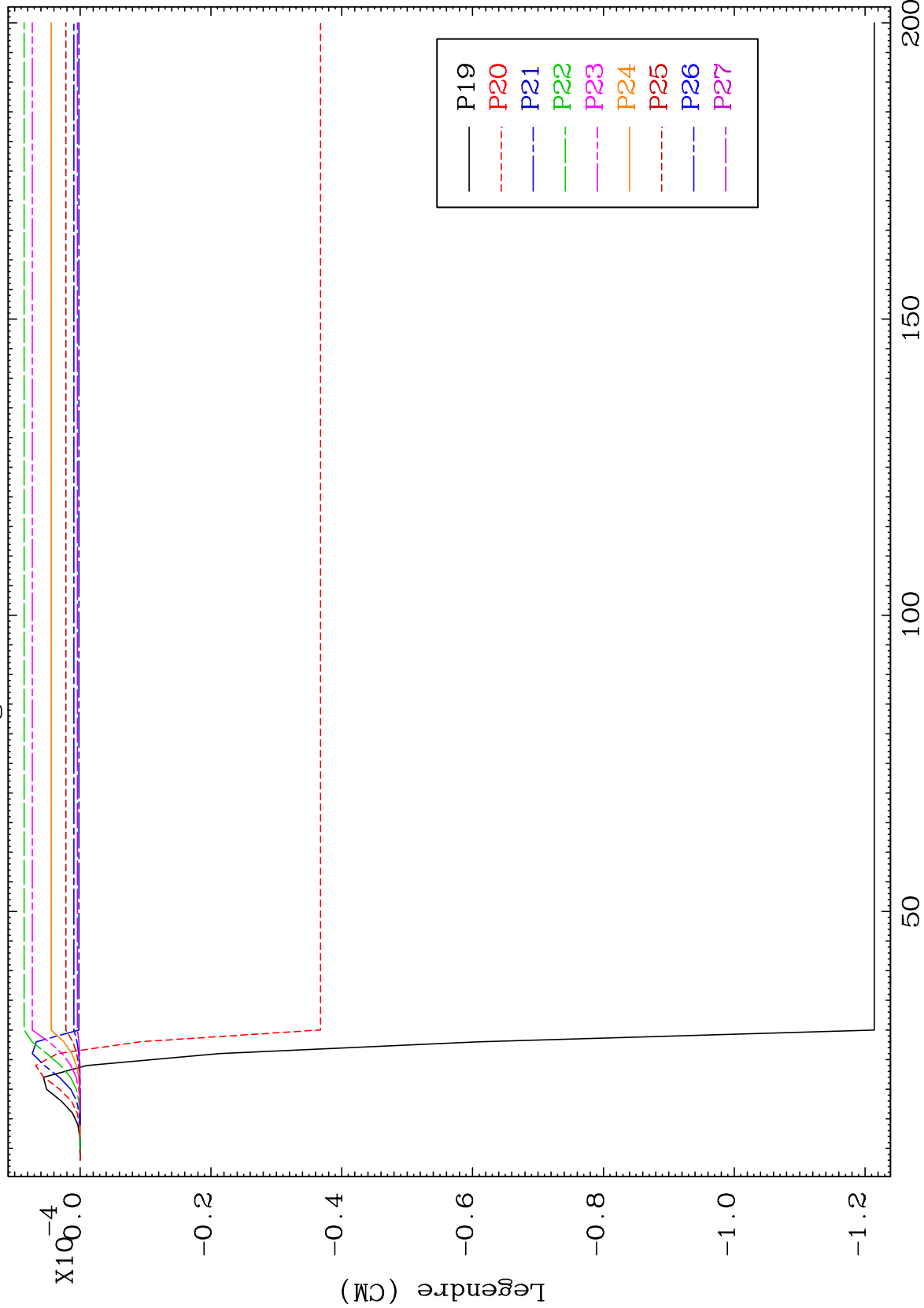
Incident Energy (MeV)

43-Tc-109

MAT 4355

43-Tc-109

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



39

Incident Energy (MeV)

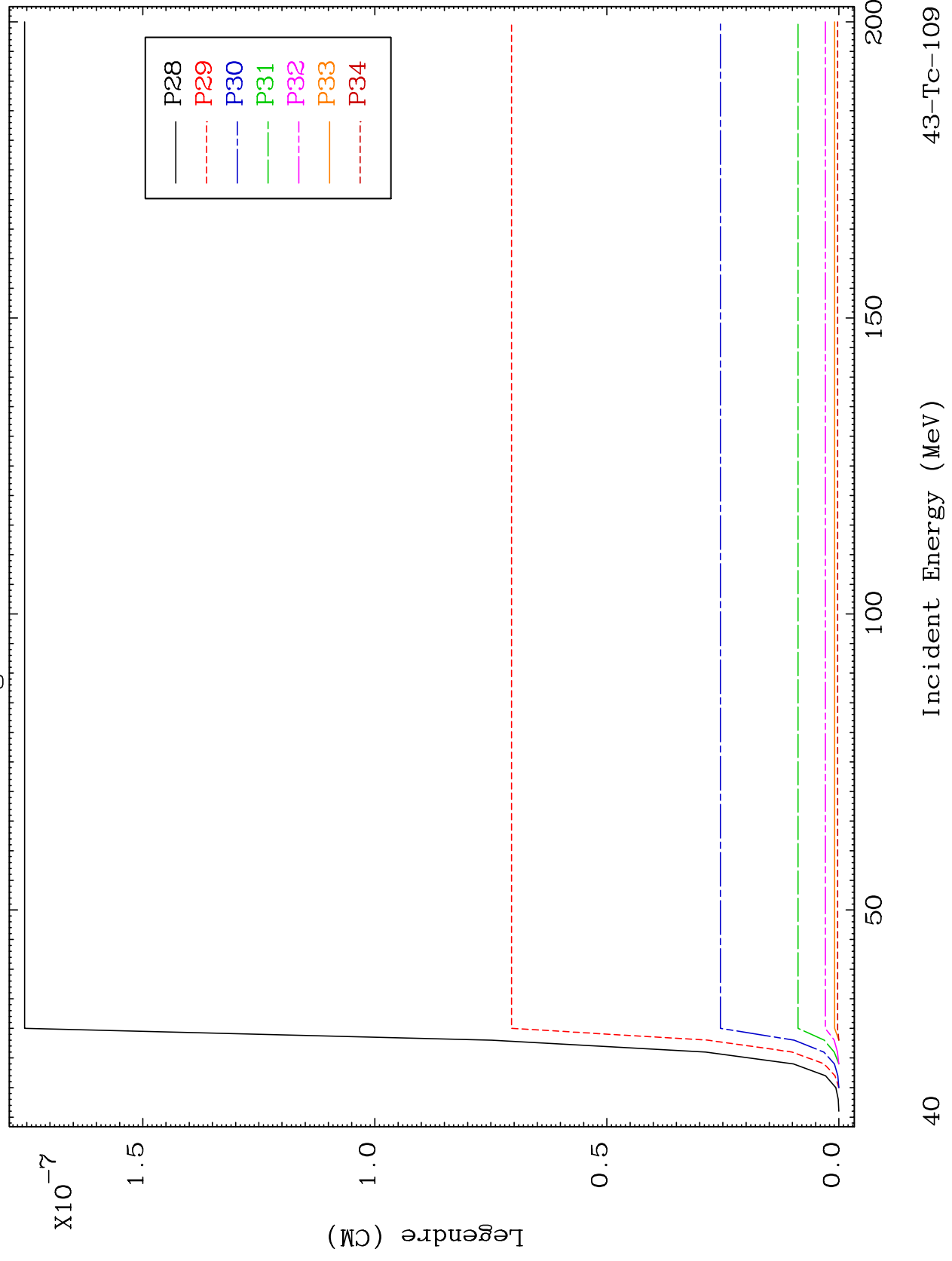
43-Tc-109



MAT 4355

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

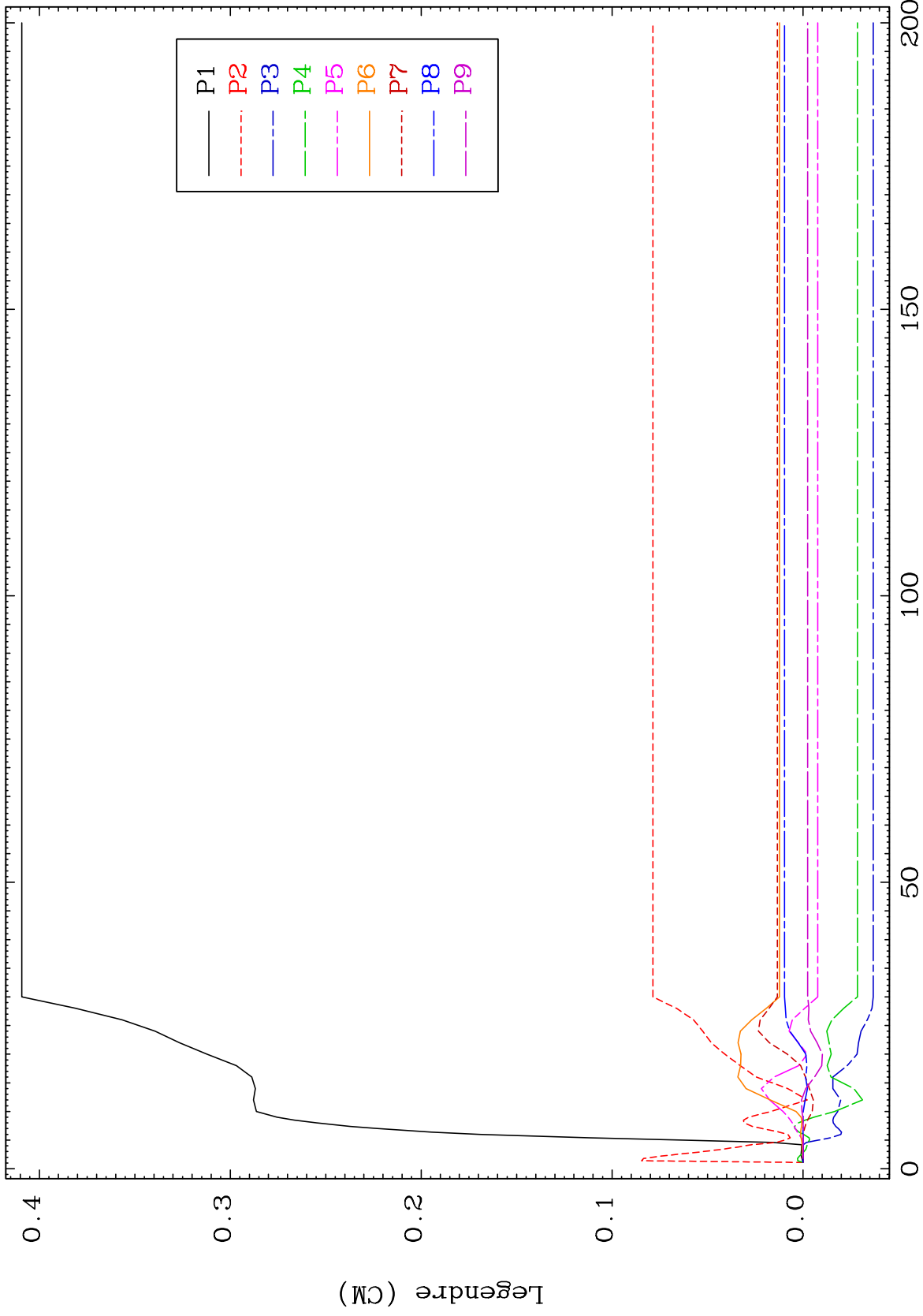
43-Tc-109



MAT 4355

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

43-Tc-109



41

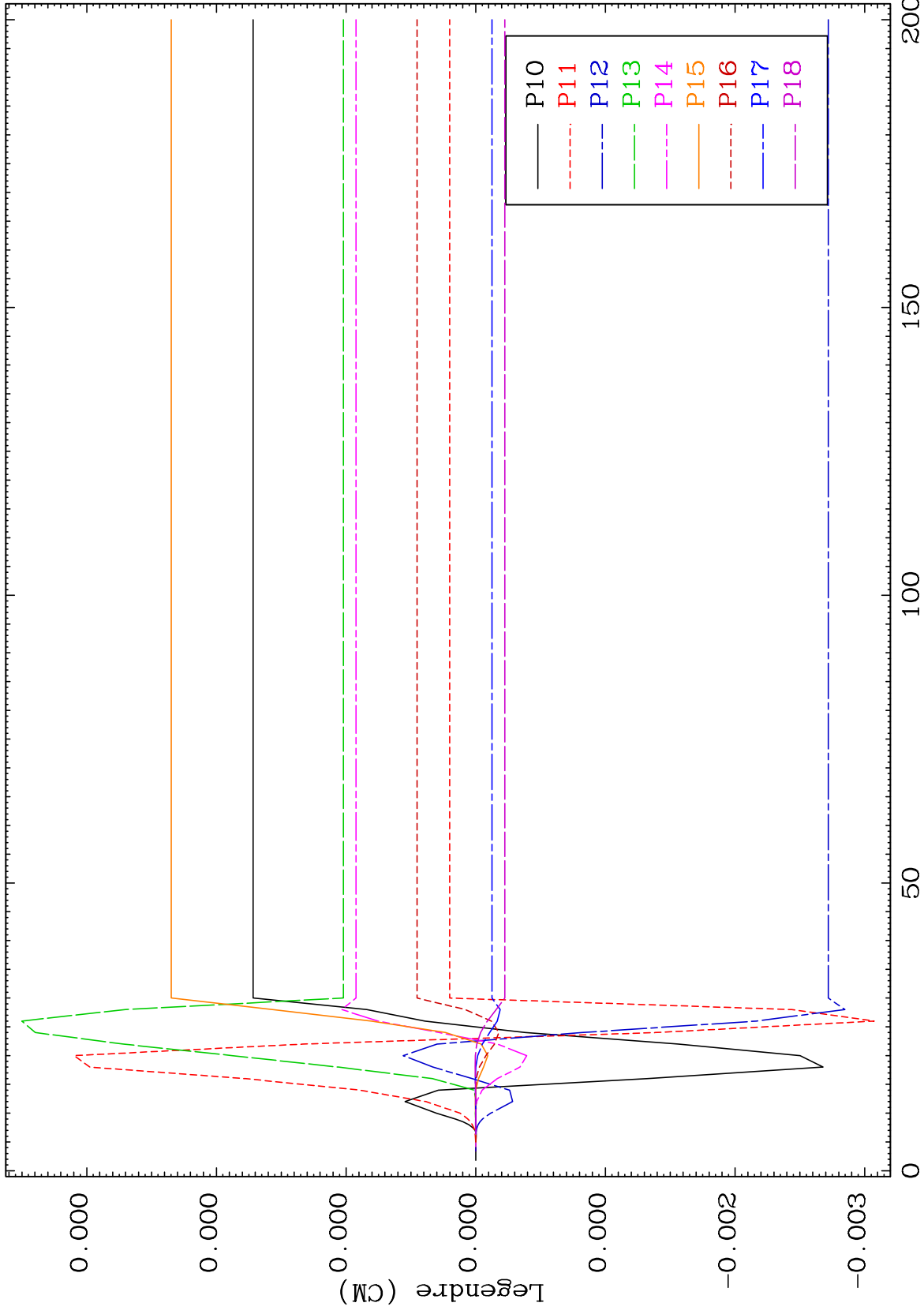
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109



42

Incident Energy (MeV)

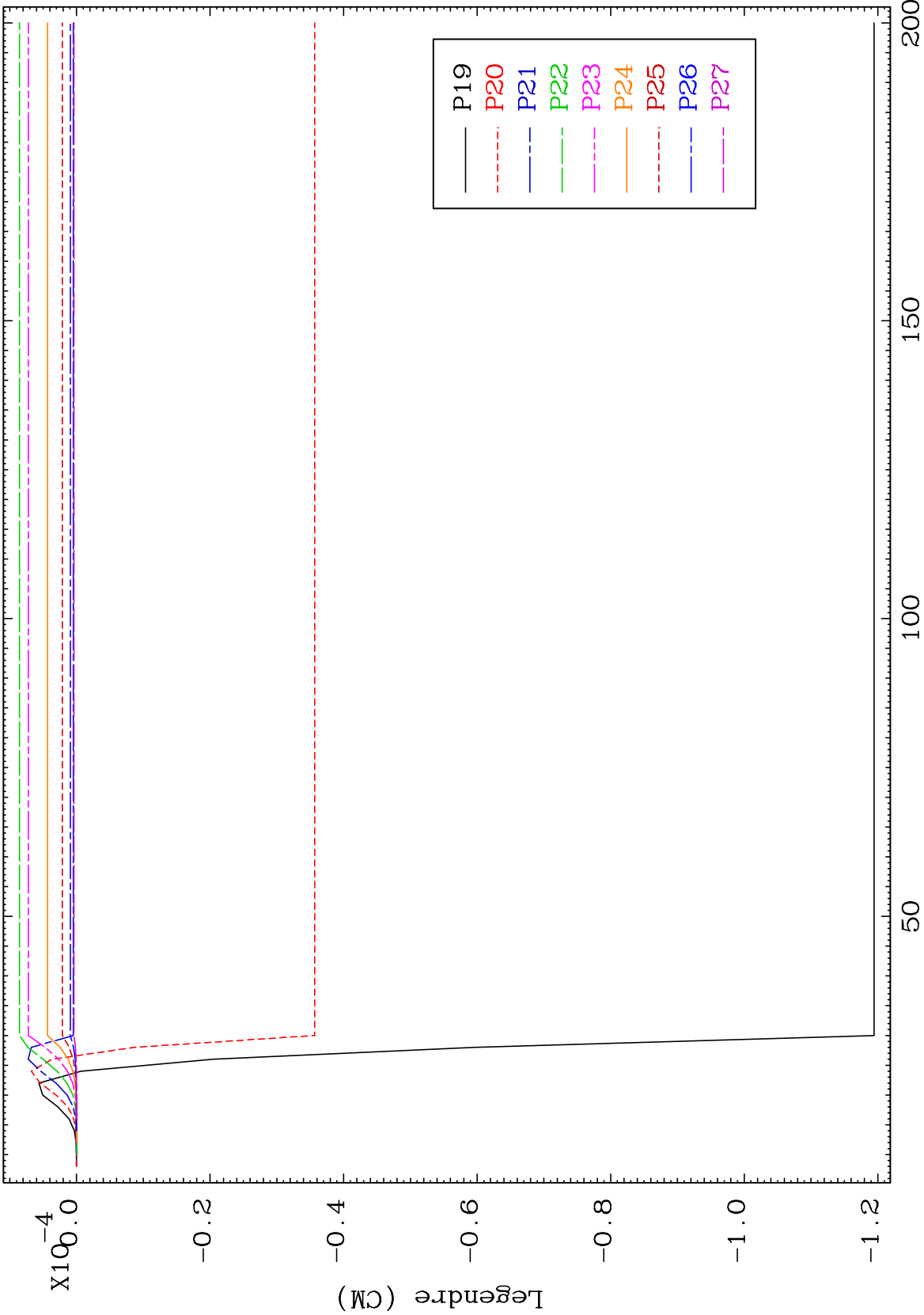
43-Tc-109

MAT 4355

MT= 57 (n,n') Level

43-Tc-109

Legendre Coefficients



43

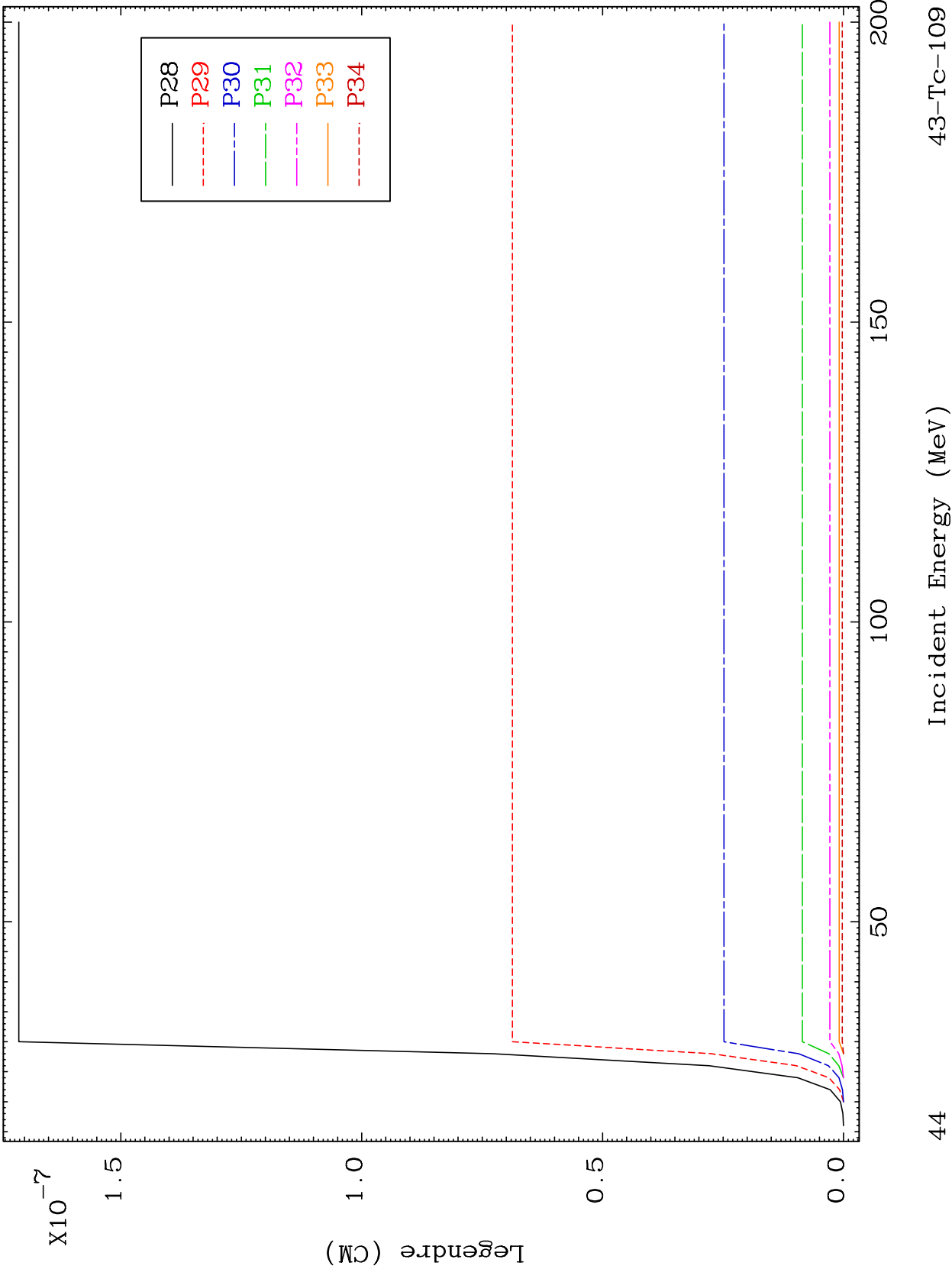
Incident Energy (MeV)

43-Tc-109

MAT 4355

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

43-Tc-109

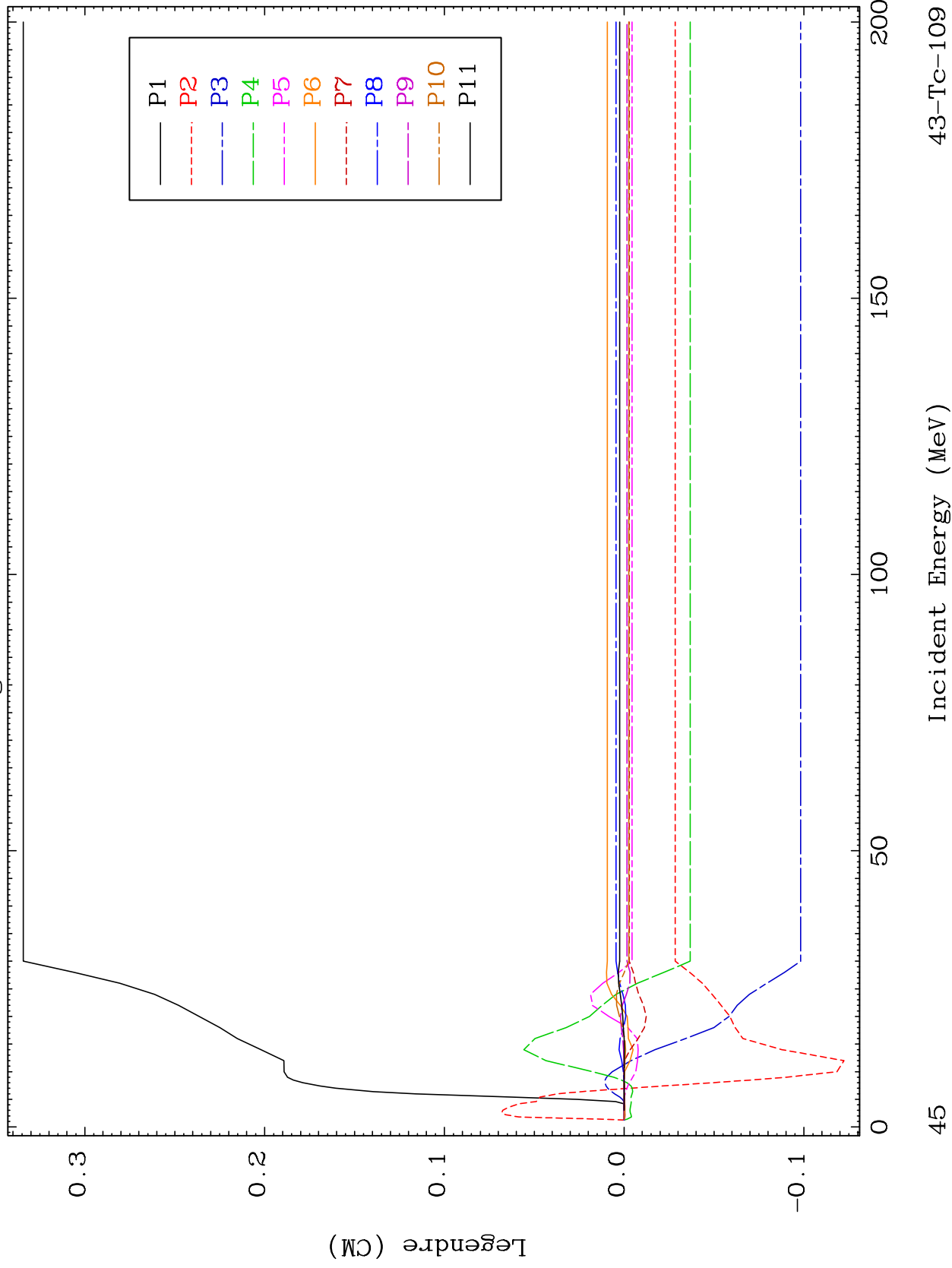


44

MAT 4355

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

43-Tc-109



43-Tc-109

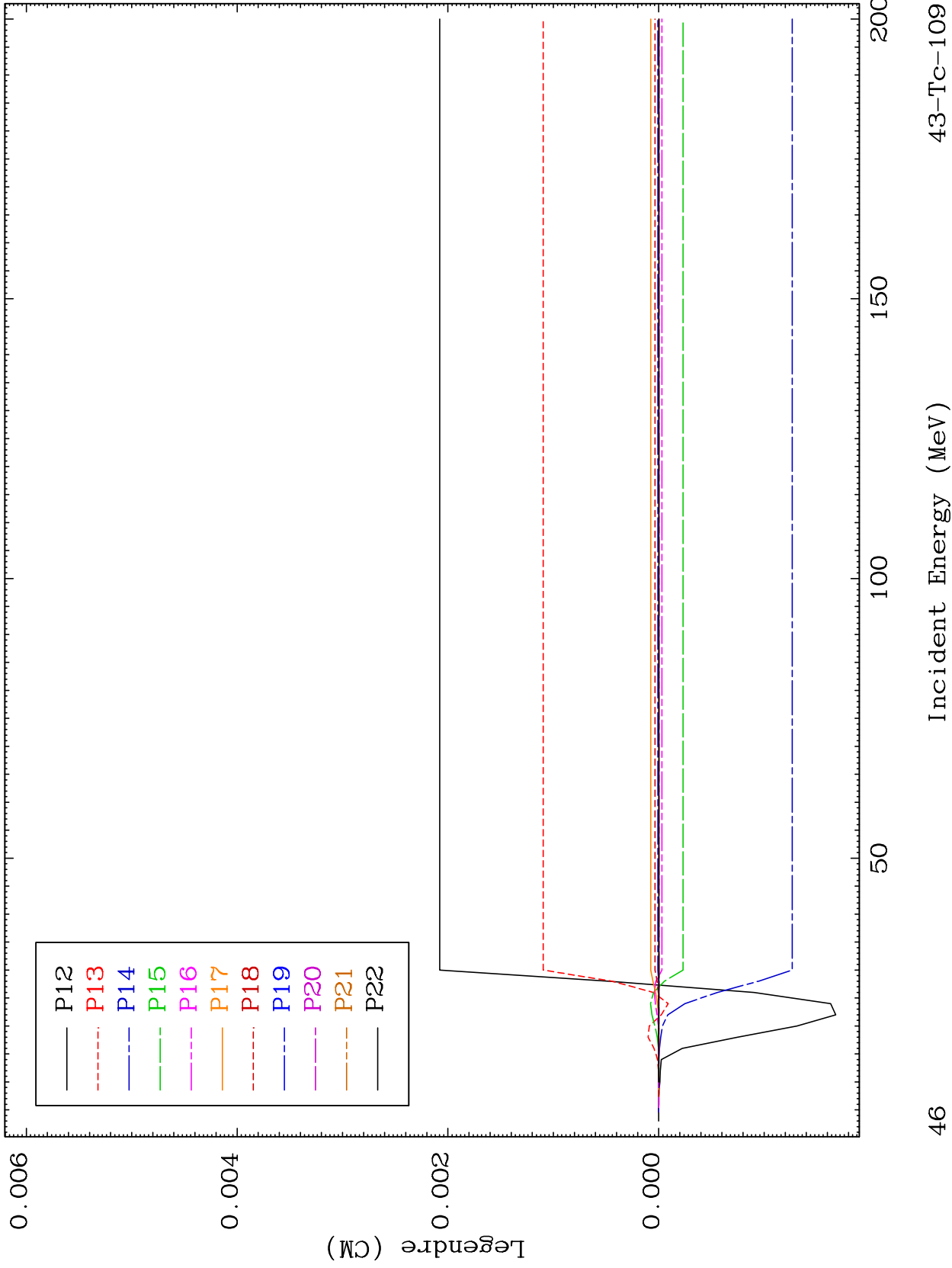
Incident Energy (MeV)

45

MAT 4355

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

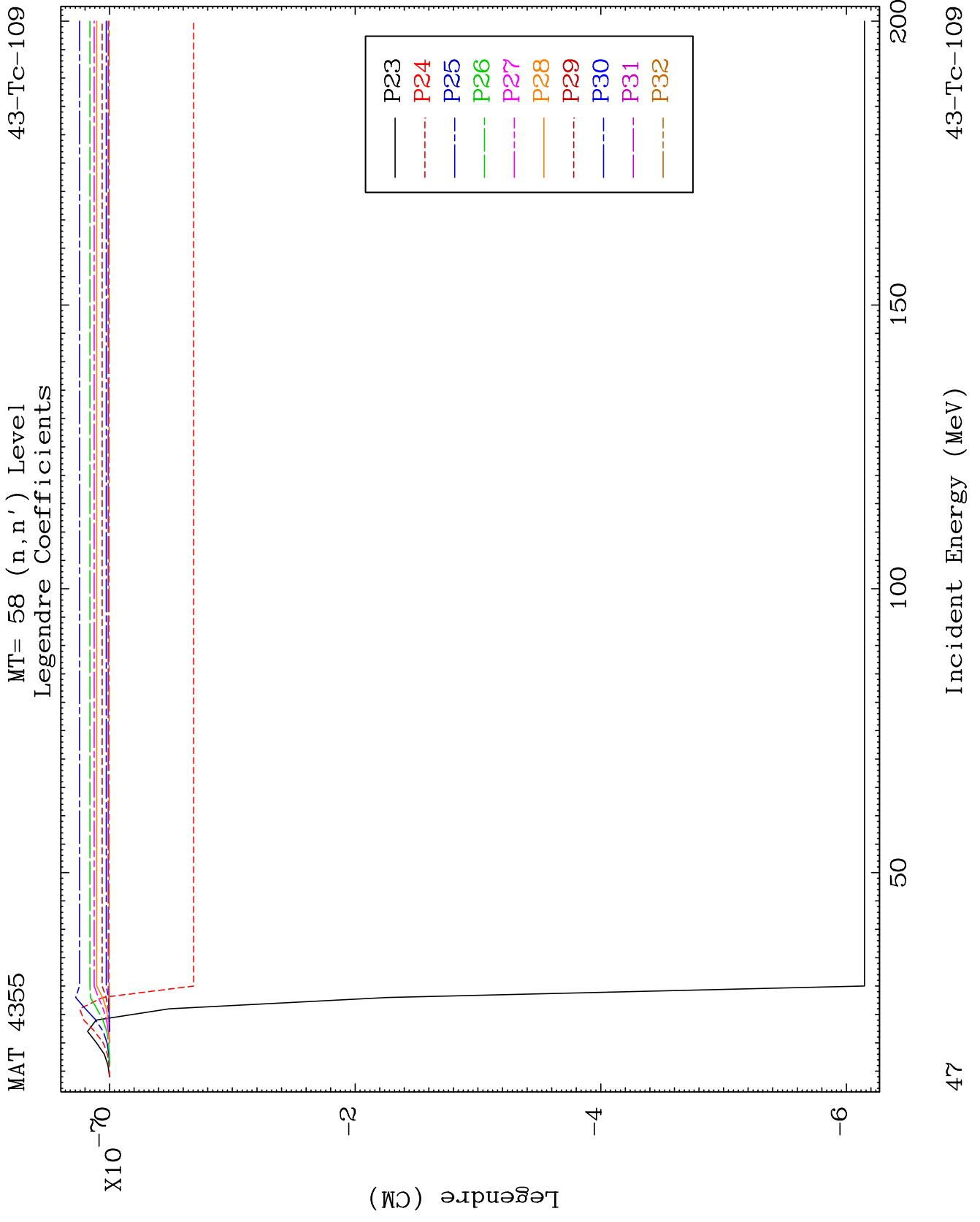
43-Tc-109



46

Incident Energy (MeV)

43-Tc-109

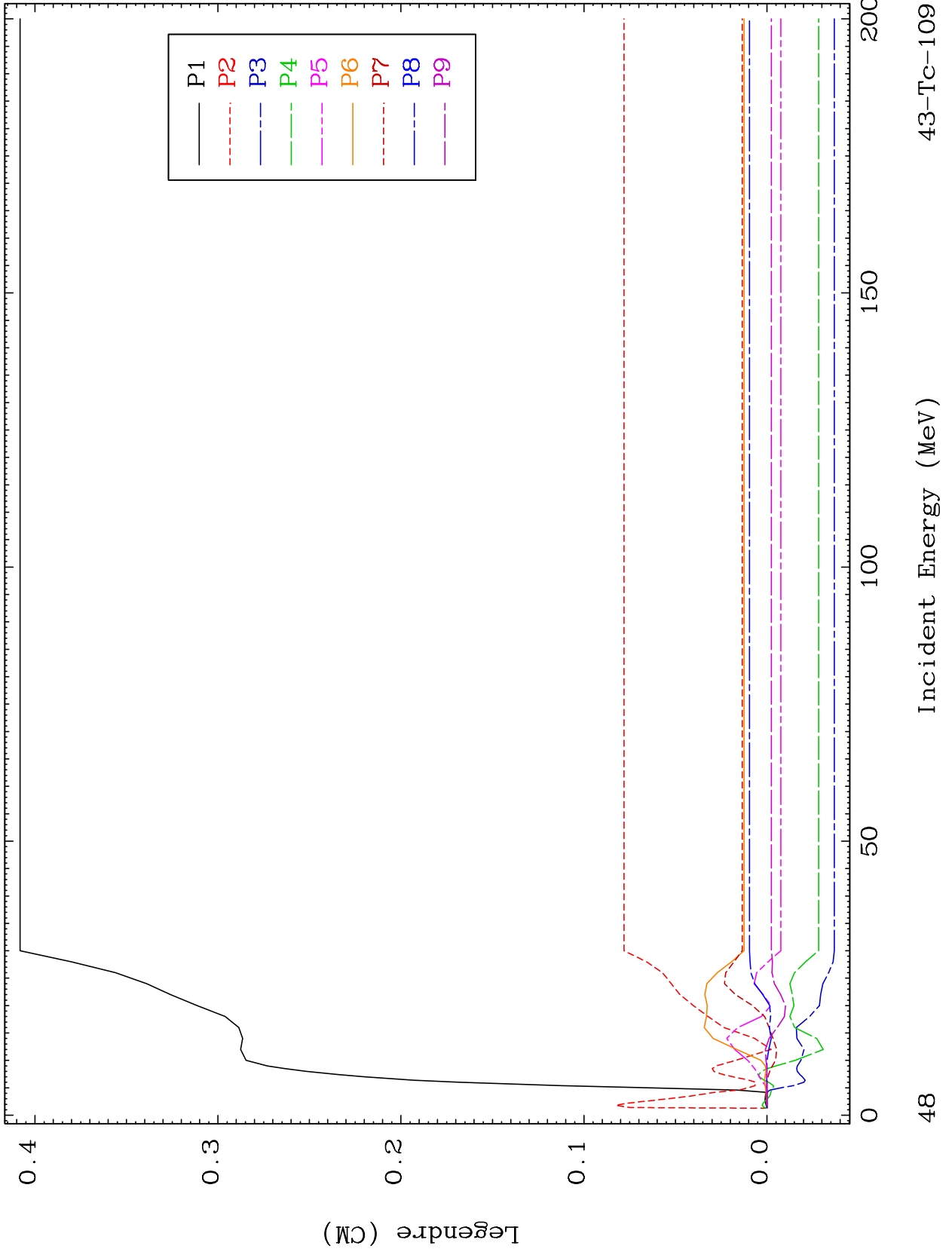




MAT 4355

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

43-Tc-109



43-Tc-109

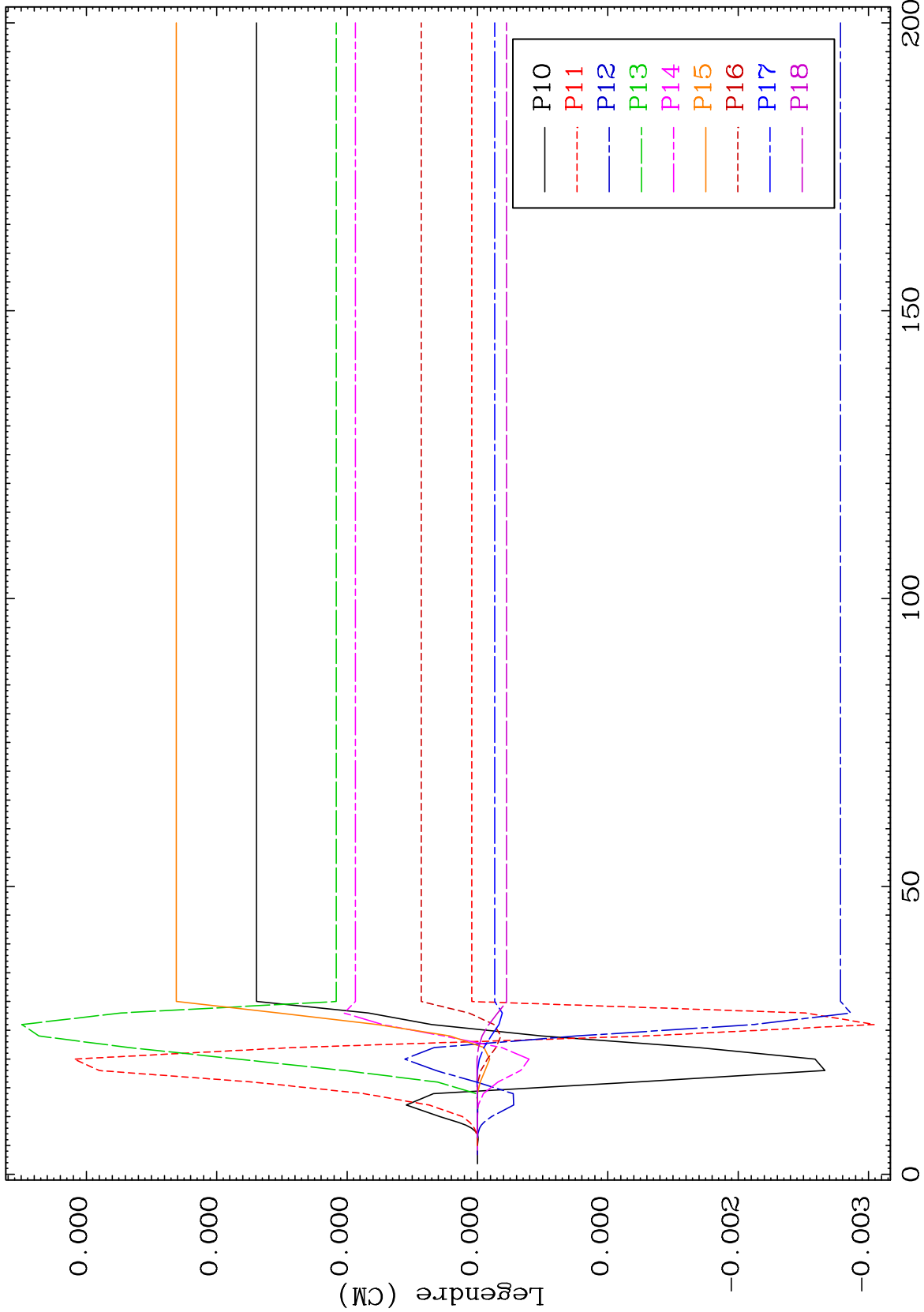
Incident Energy (MeV)

48

MAT 4355

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

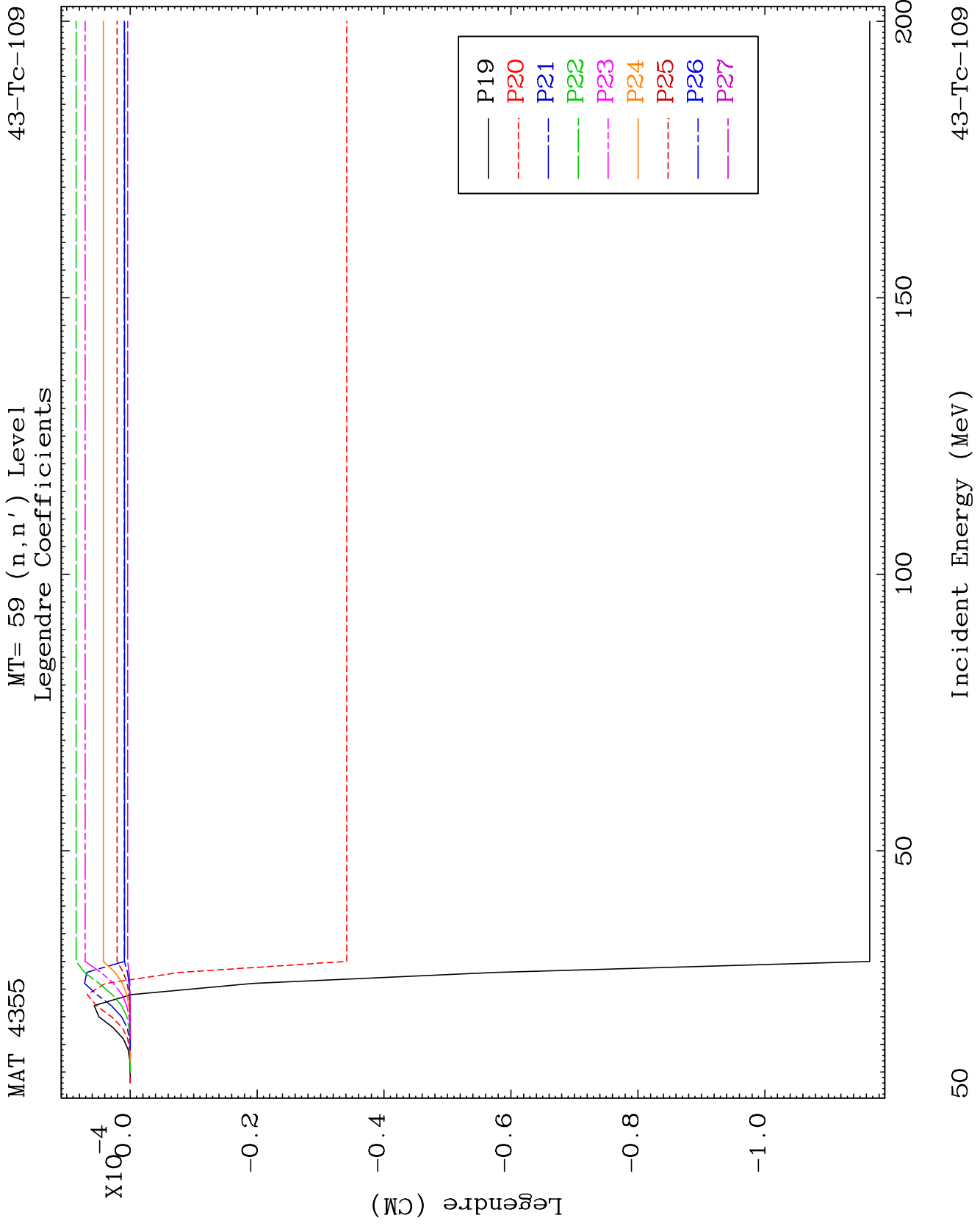
43-Tc-109



49

Incident Energy (MeV)

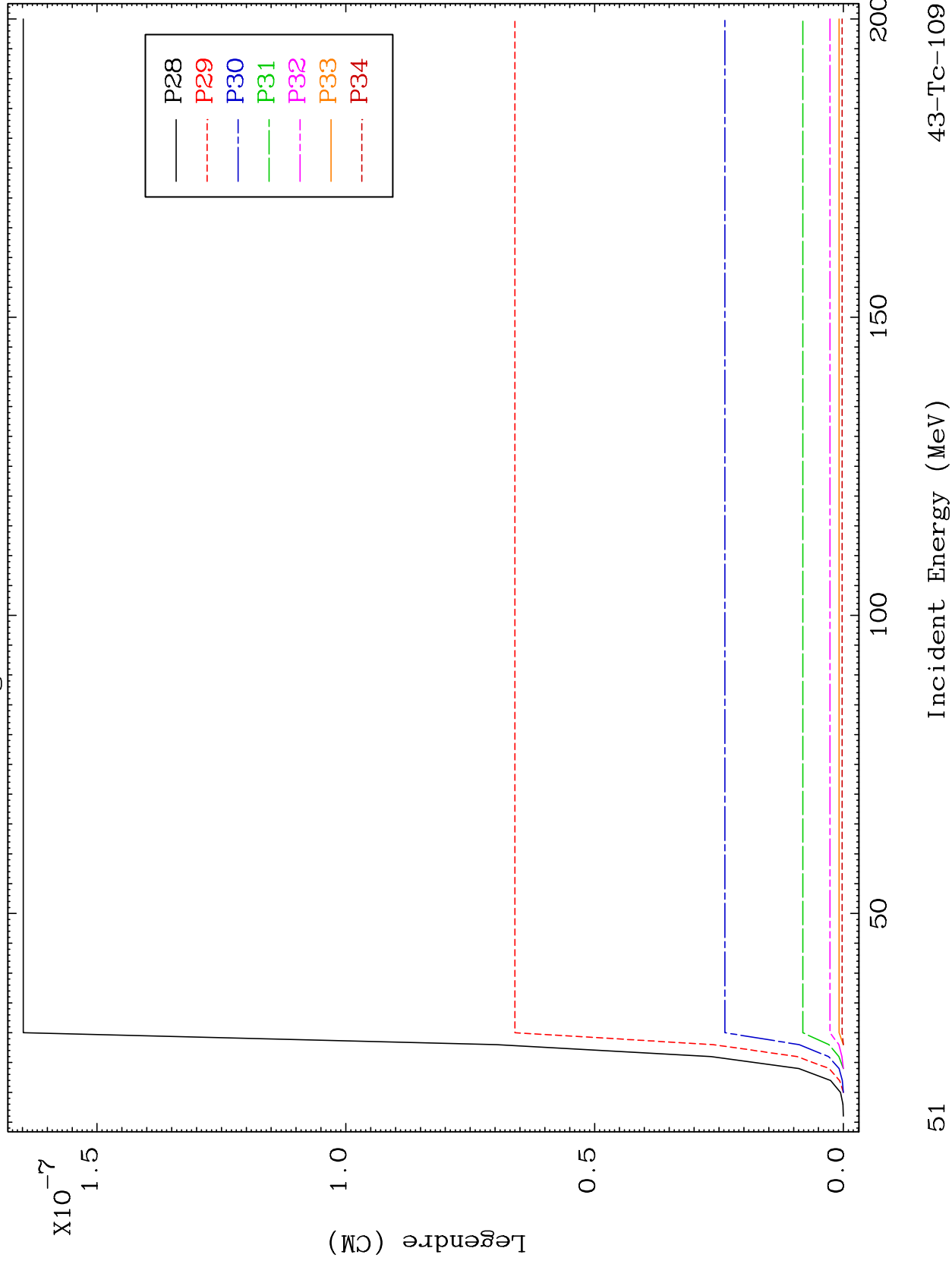
43-Tc-109



MAT 4355

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

43-Tc-109

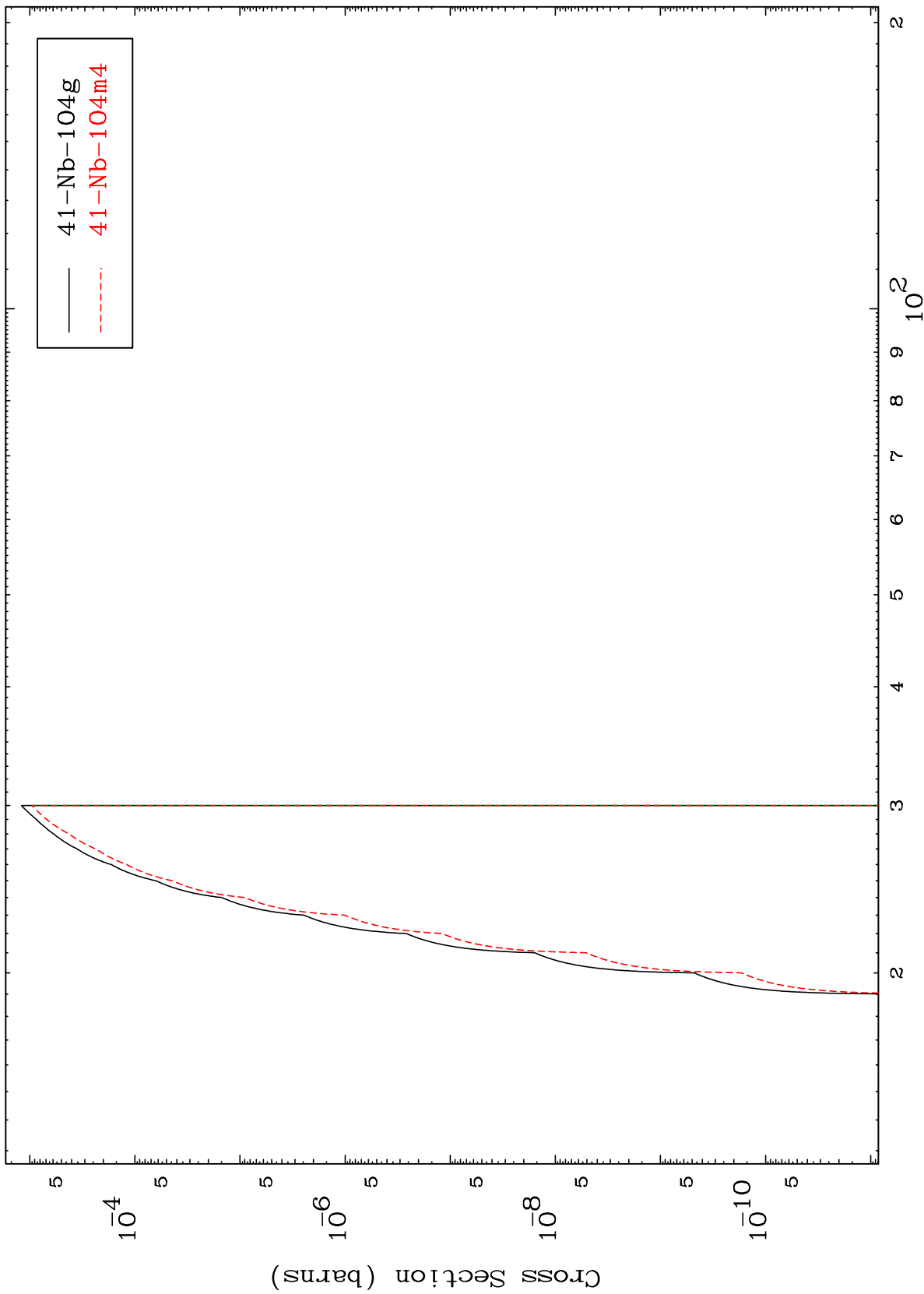


MAT 4355

(n,2n)  $\alpha$

43-Tc-109

Radionuclide Production Cross Section



52

Incident Energy (MeV)

43-Tc-109