

Program EVALPLOT  
(Version 2021-1)

by

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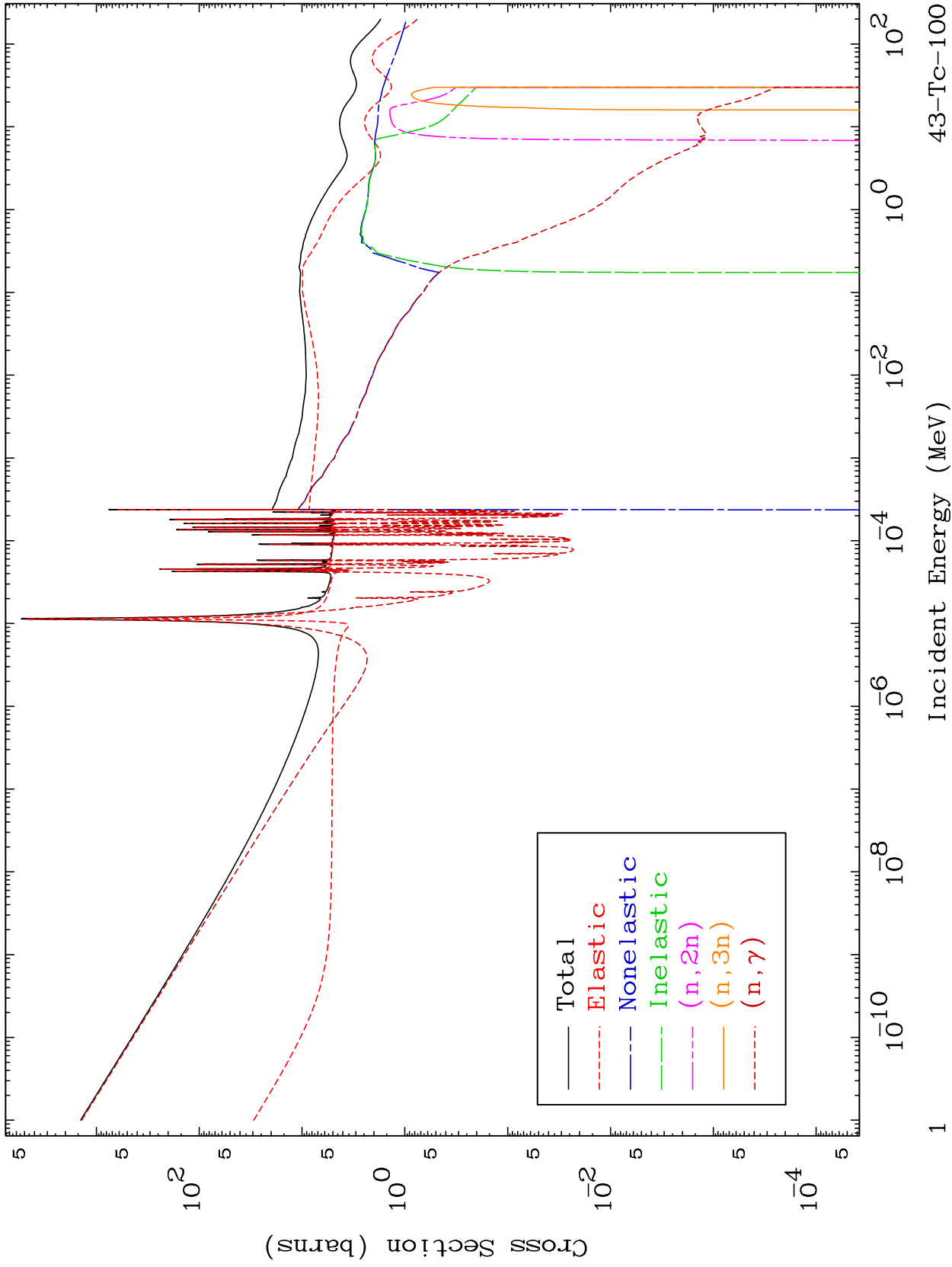
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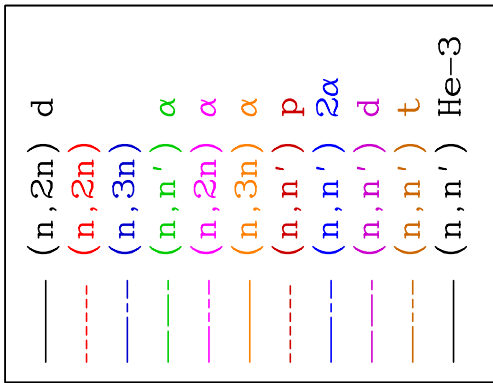
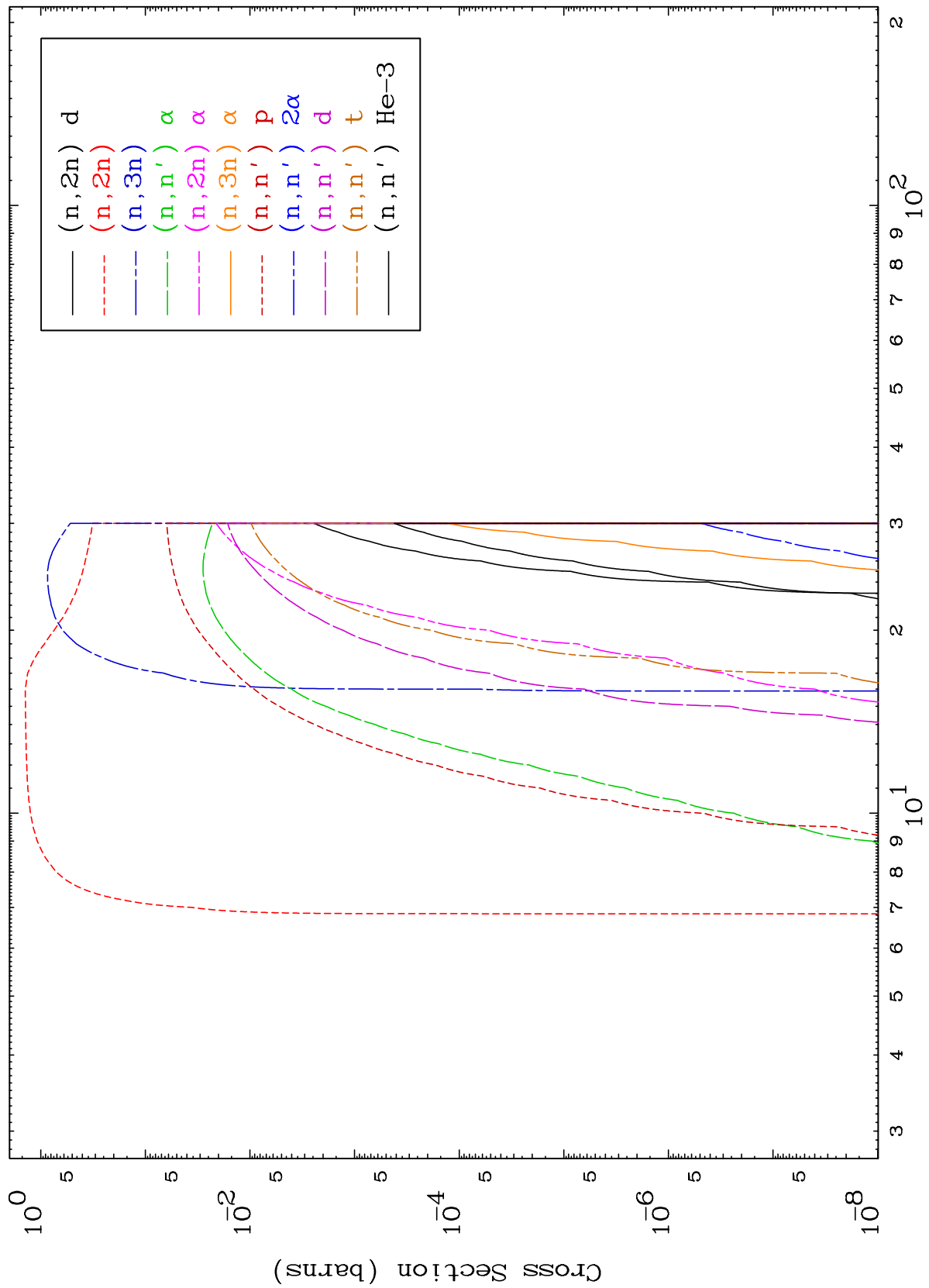
Press Mouse Button to Start

MAT 4328

Neutron Major  
293 Kelvin Cross Sections

43-Tc-100

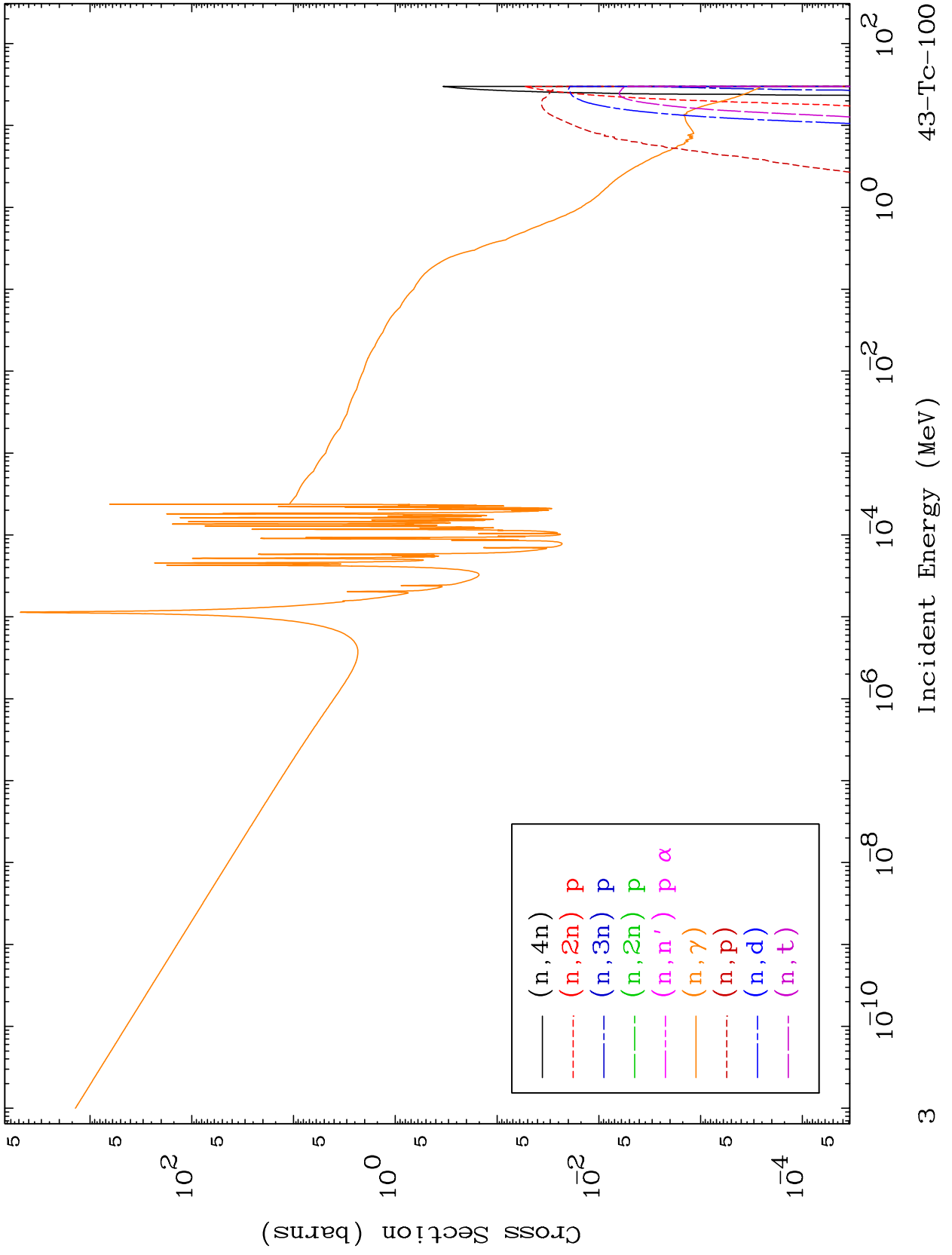




MAT 4328

Neutron Absorption  
293 Kelvin Cross Sections

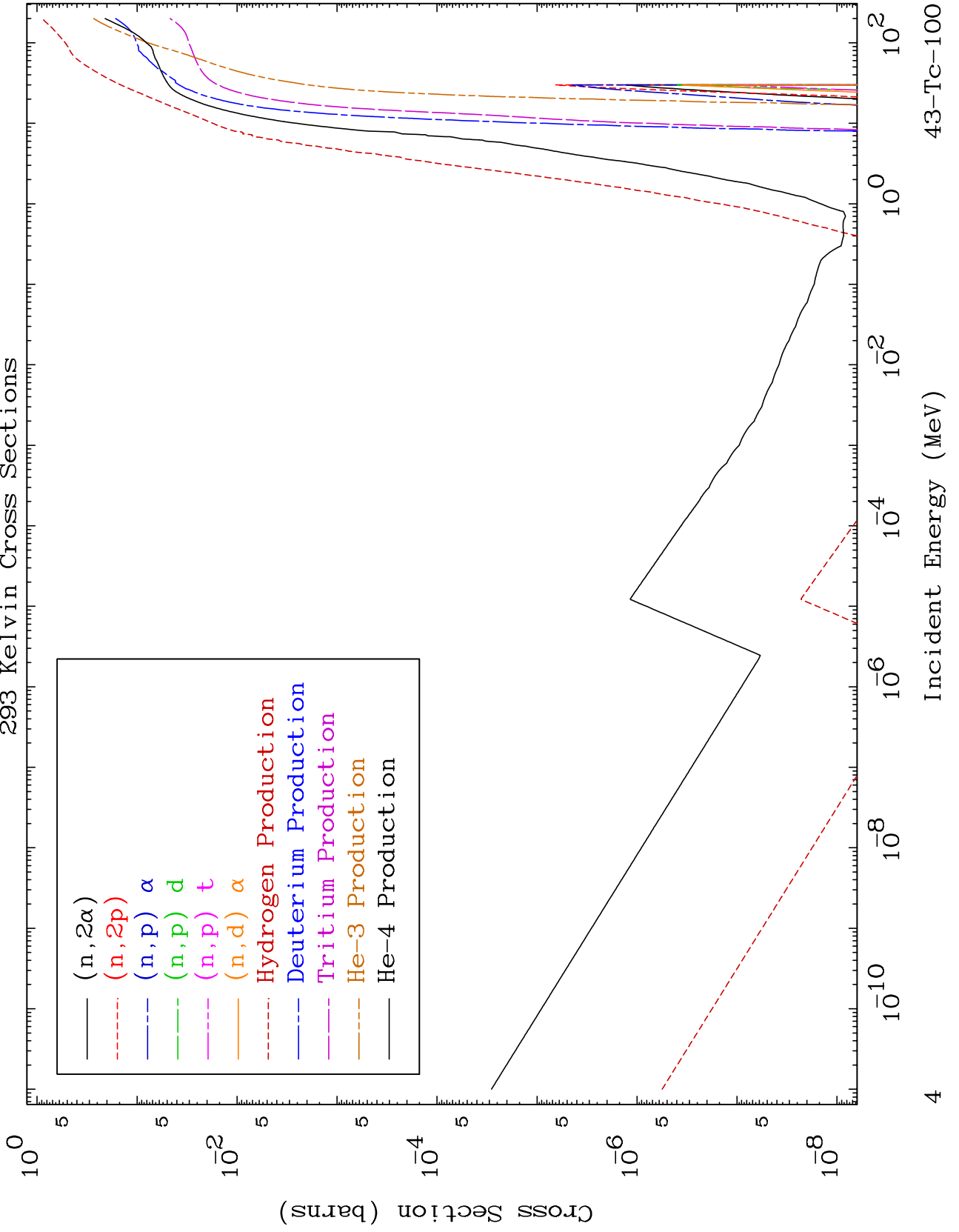
43-Tc-100



MAT 4328

Neutron Absorption  
293 Kelvin Cross Sections

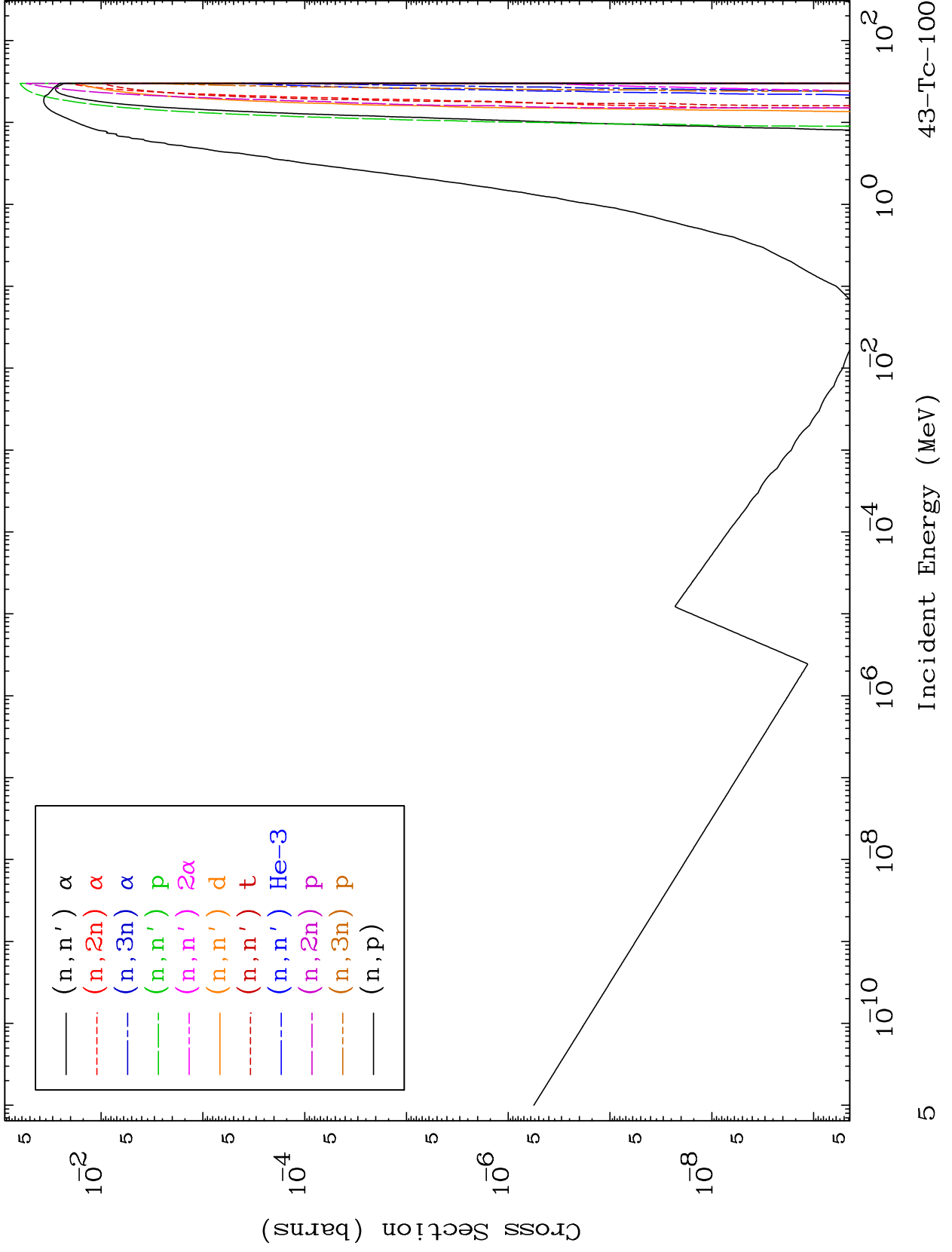
43-Tc-100



MAT 4328

Charged Particle  
293 Kelvin Cross Sections

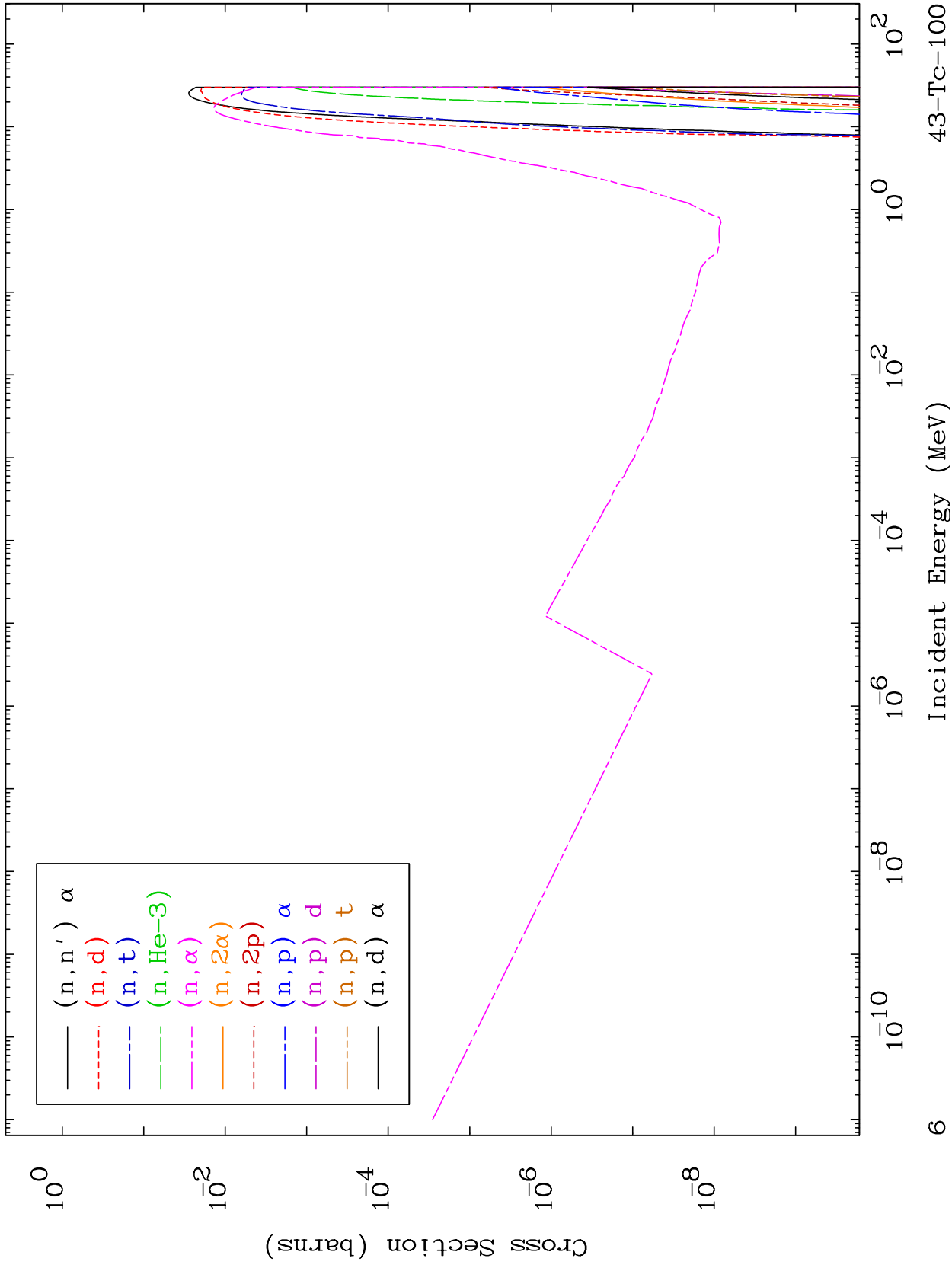
43-Tc-100



MAT 4328

Charged Particle  
293 Kelvin Cross Sections

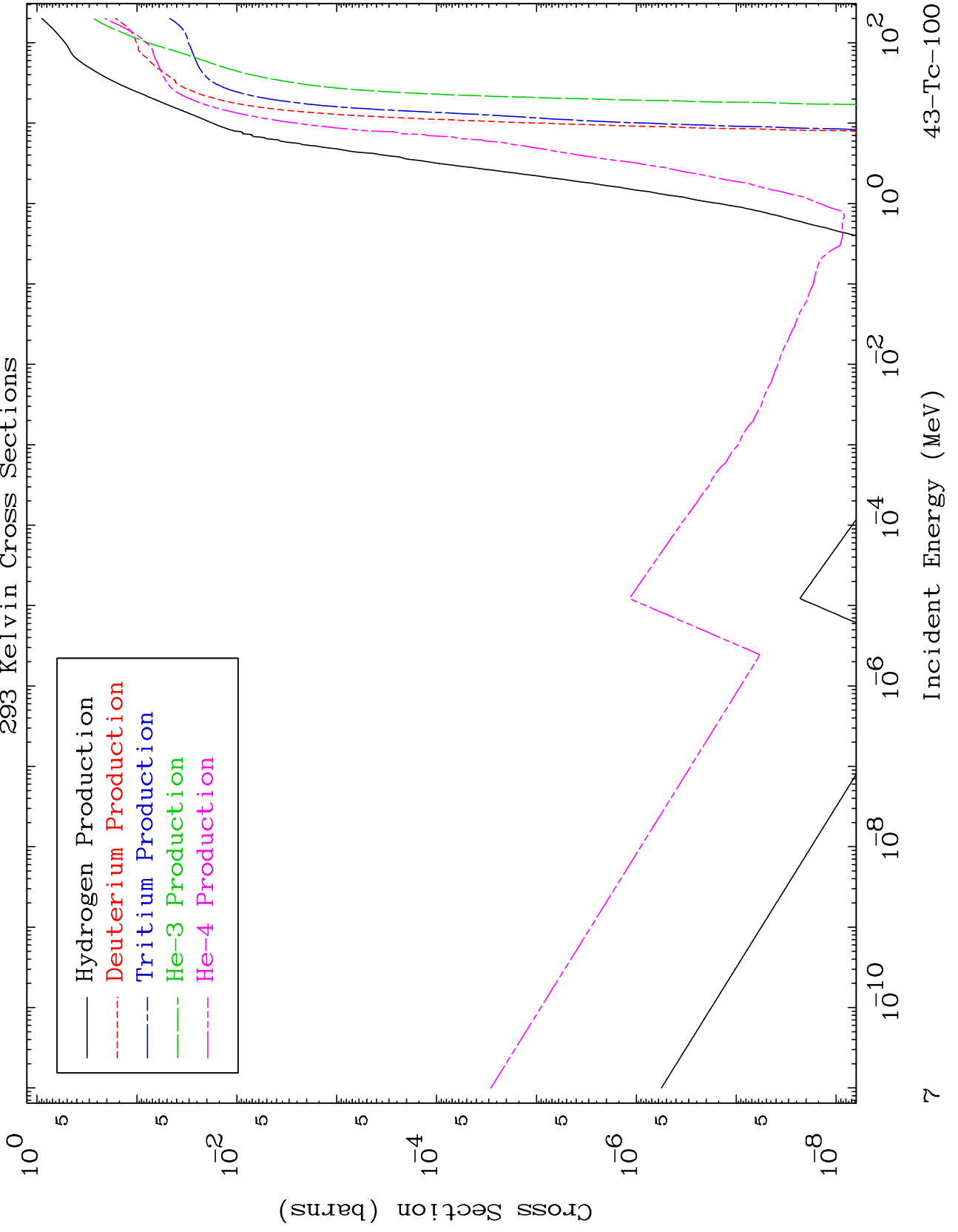
43-Tc-100



MAT 4328

Particle Production  
293 Kelvin Cross Sections

43-Tc-100

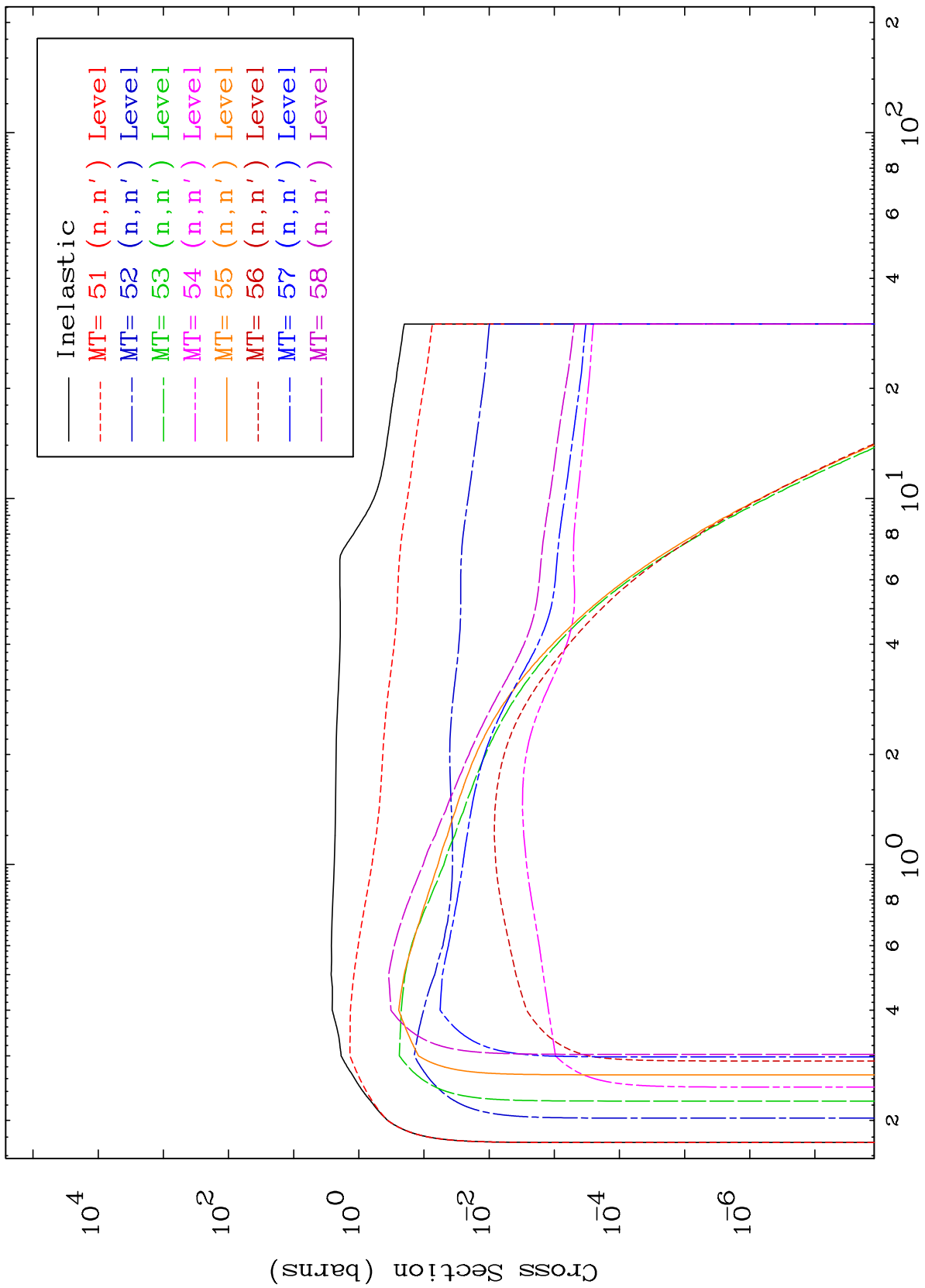


MAT 4328

(n,n') Levels

43-Tc-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

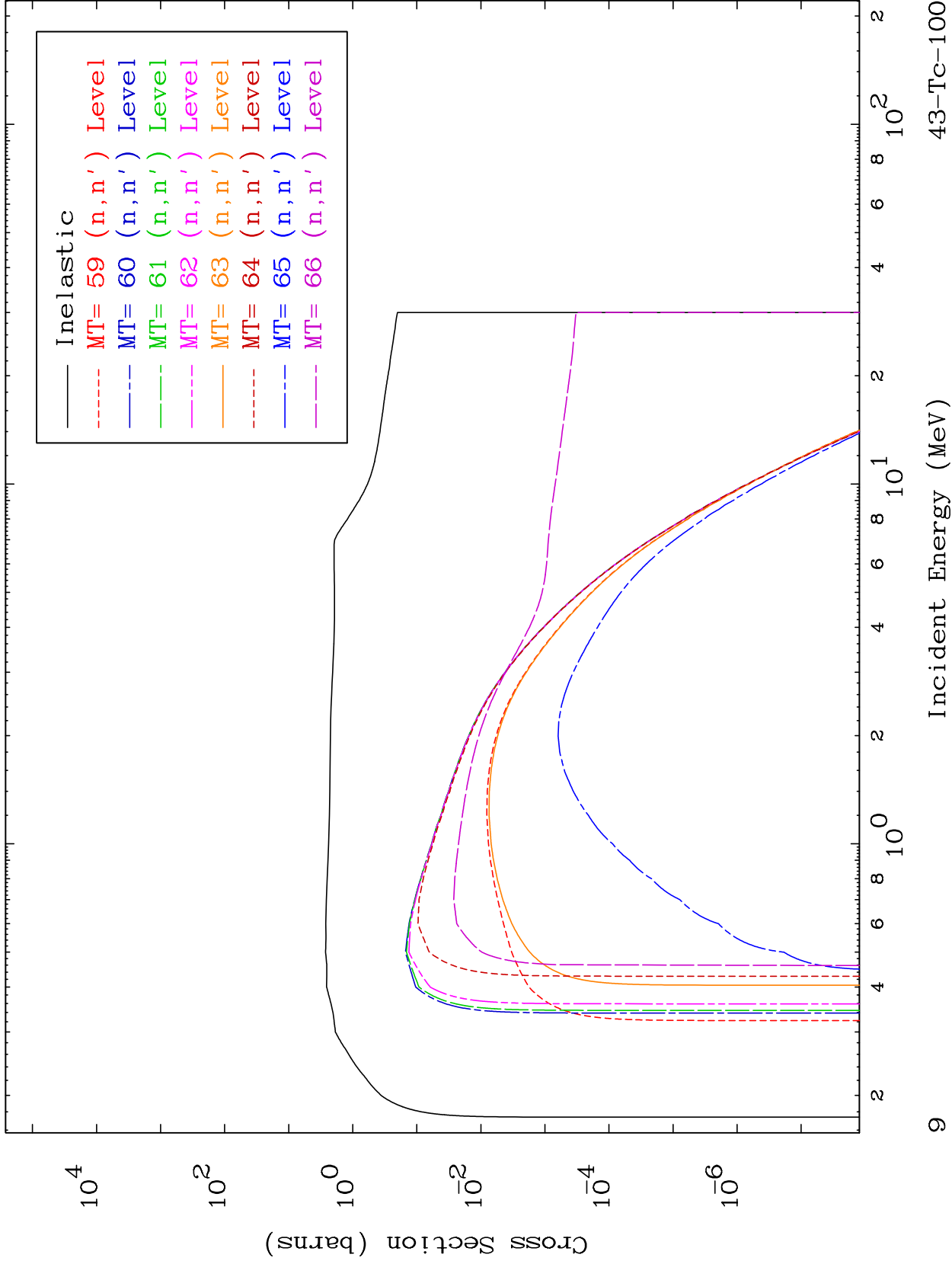
43-Tc-100

MAT 4328

(n,n') Levels

43-Tc-100

293 Kelvin Cross Sections

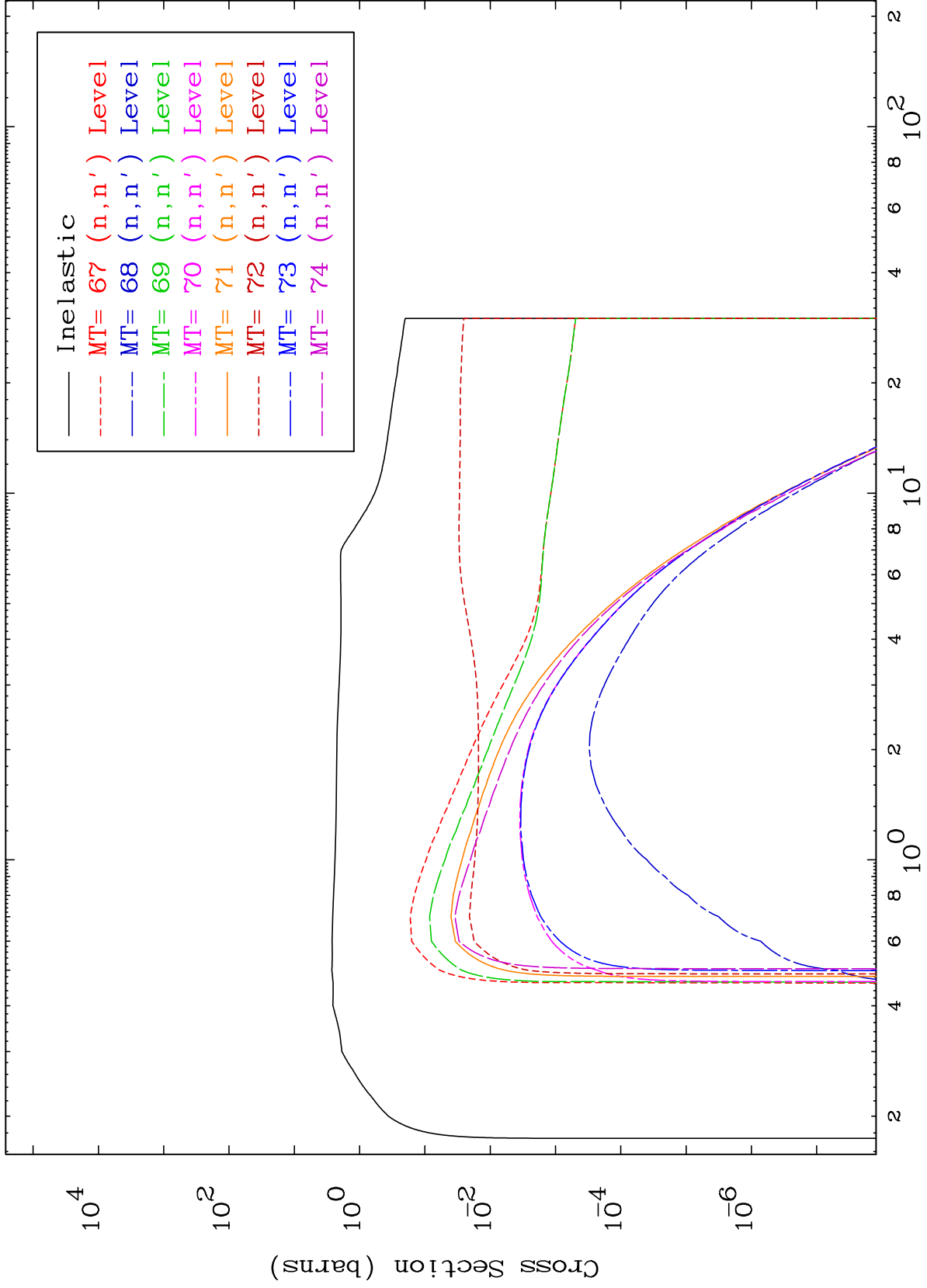


MAT 4328

(n,n') Levels

43-Tc-100

293 Kelvin Cross Sections



10

Incident Energy (MeV)

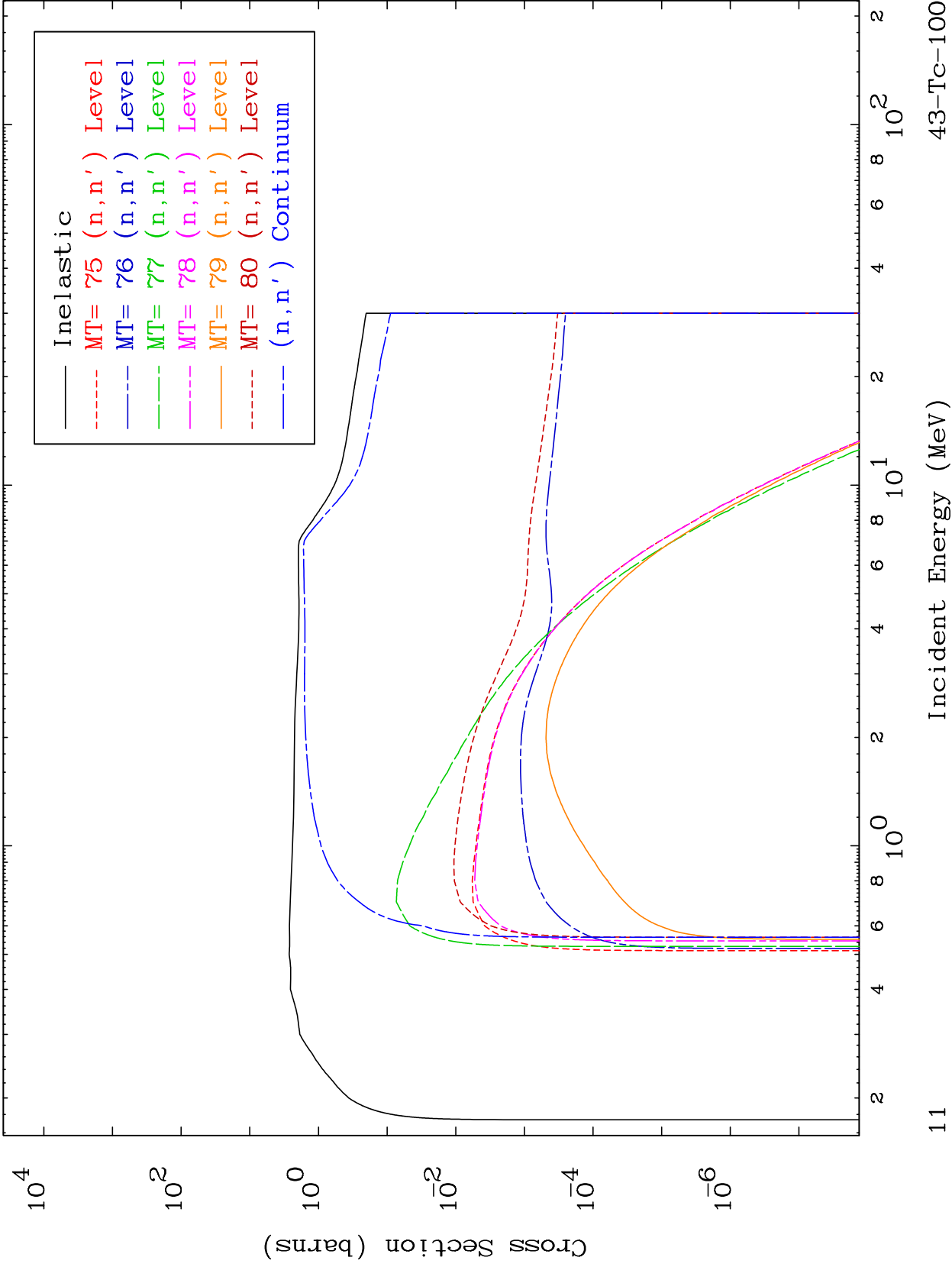
43-Tc-100

MAT 4328

(n,n') Levels

43-Tc-100

293 Kelvin Cross Sections



11

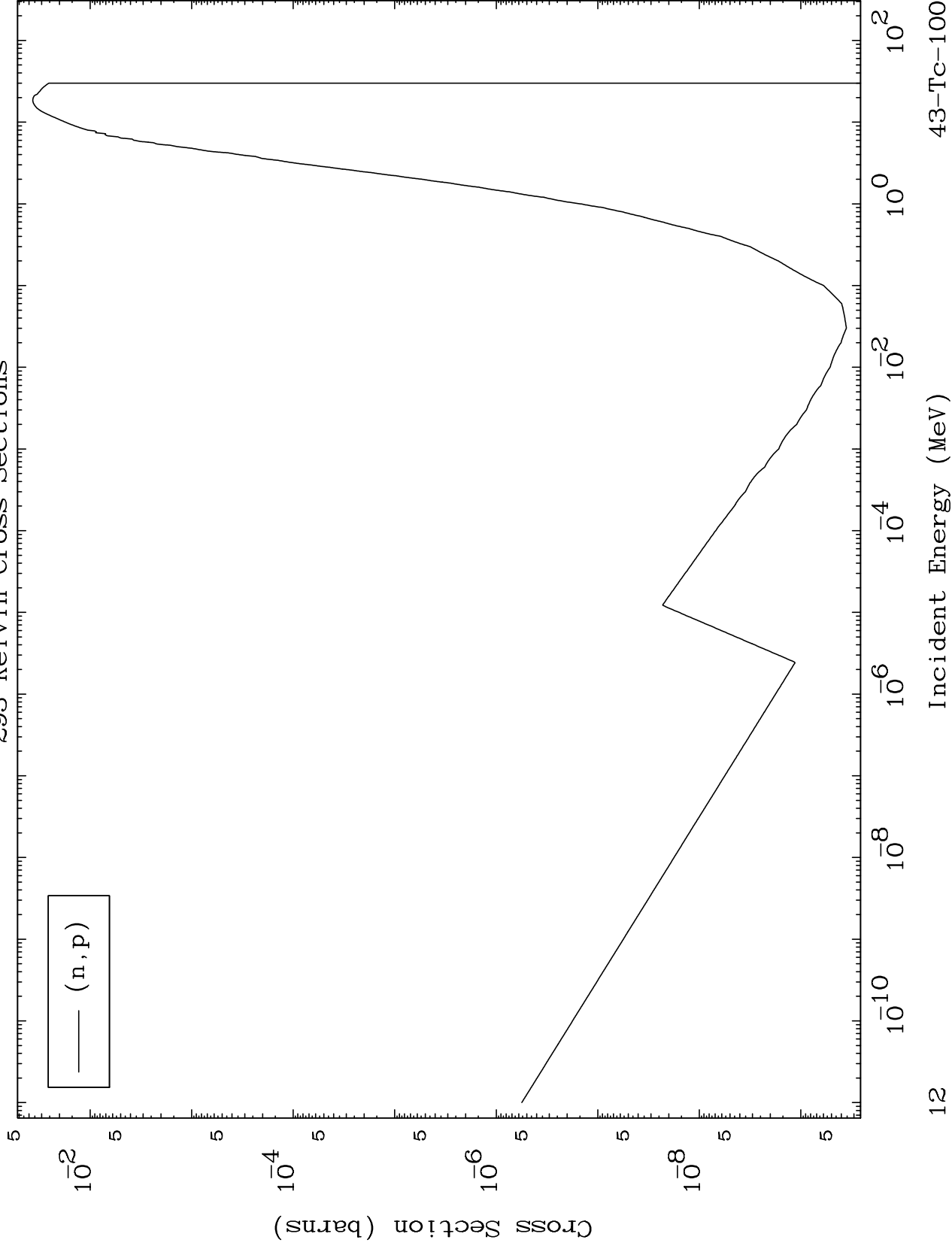
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,p) Levels  
293 Kelvin Cross Sections

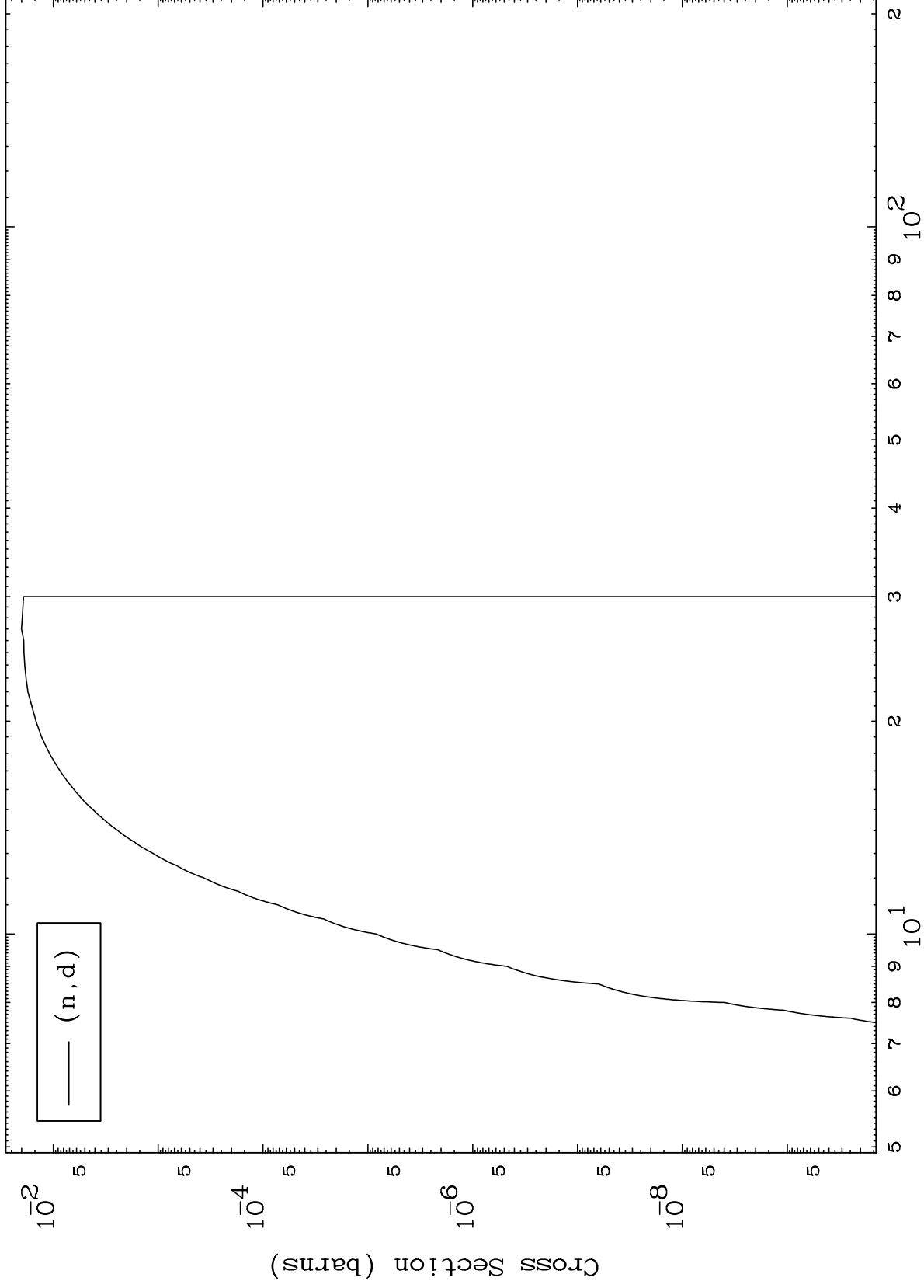
43-Tc-100



MAT 4328

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-100



13

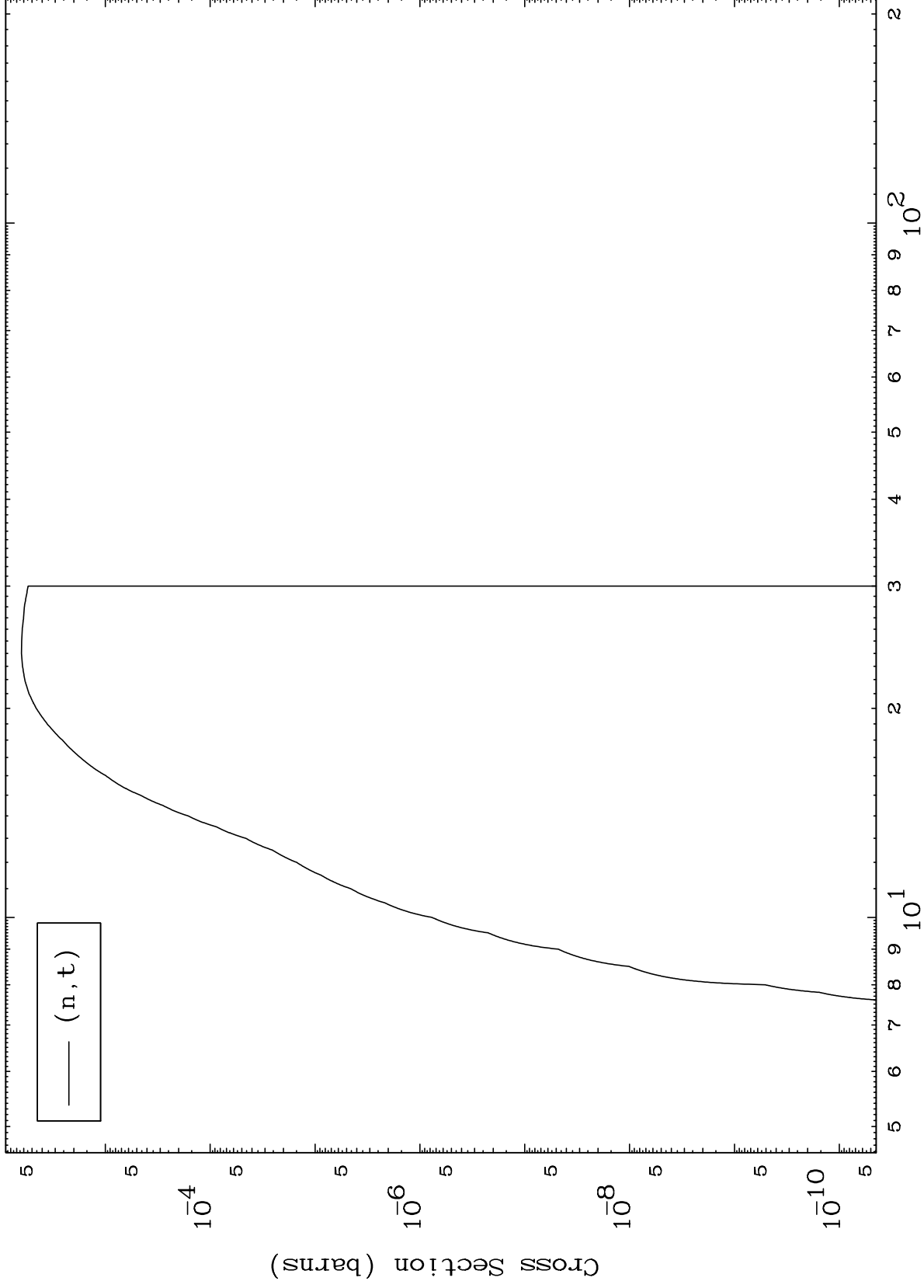
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-100



14

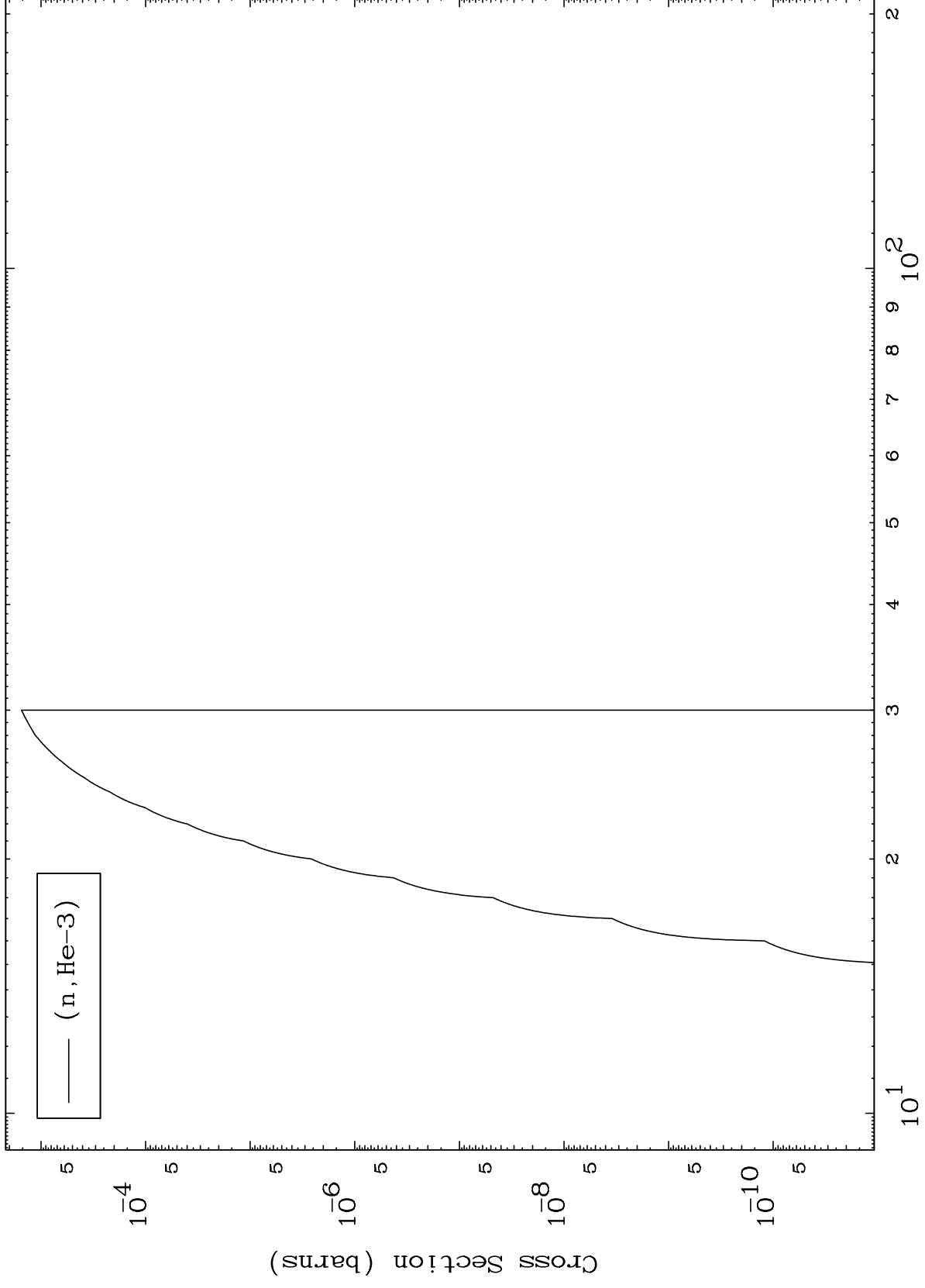
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-100



15

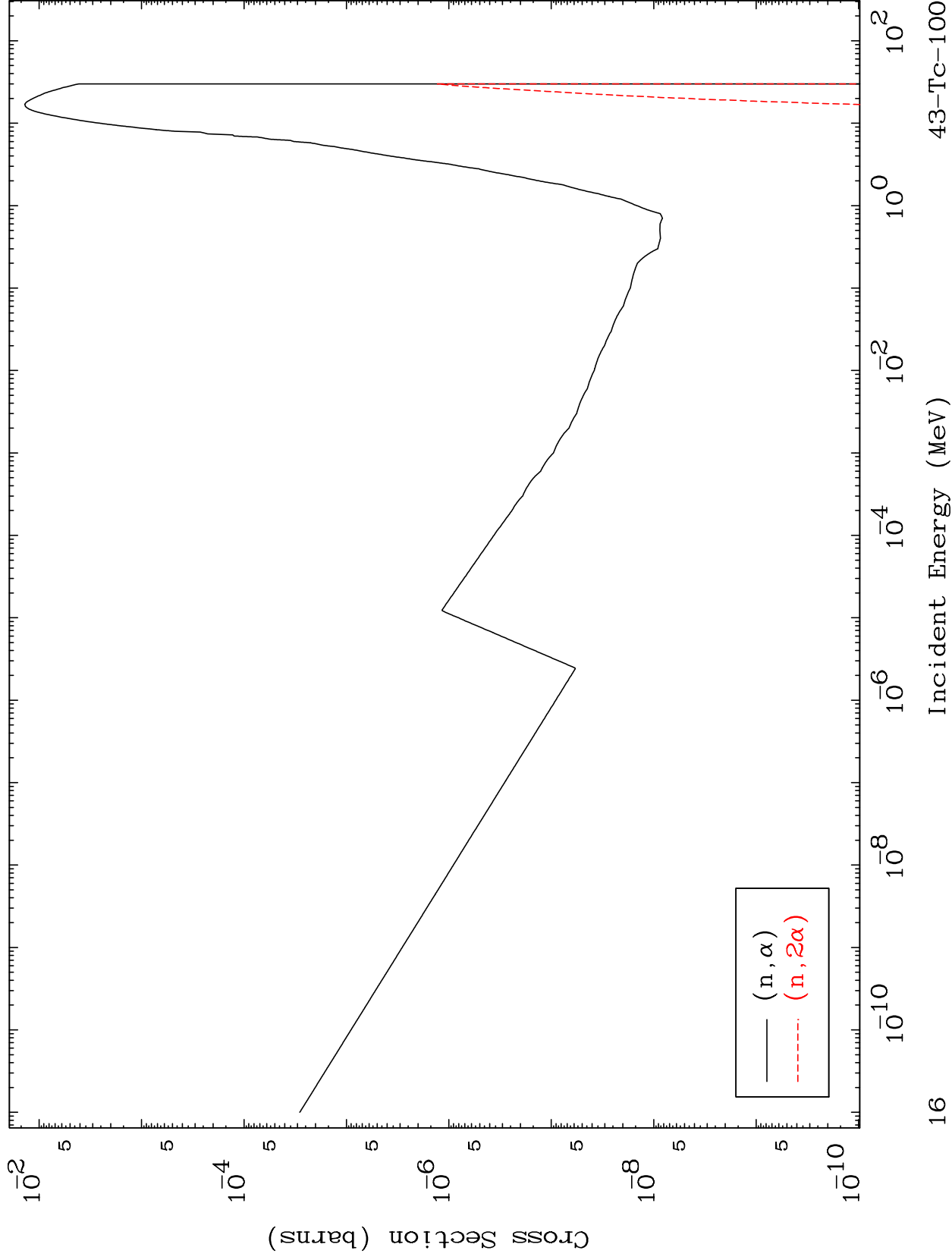
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

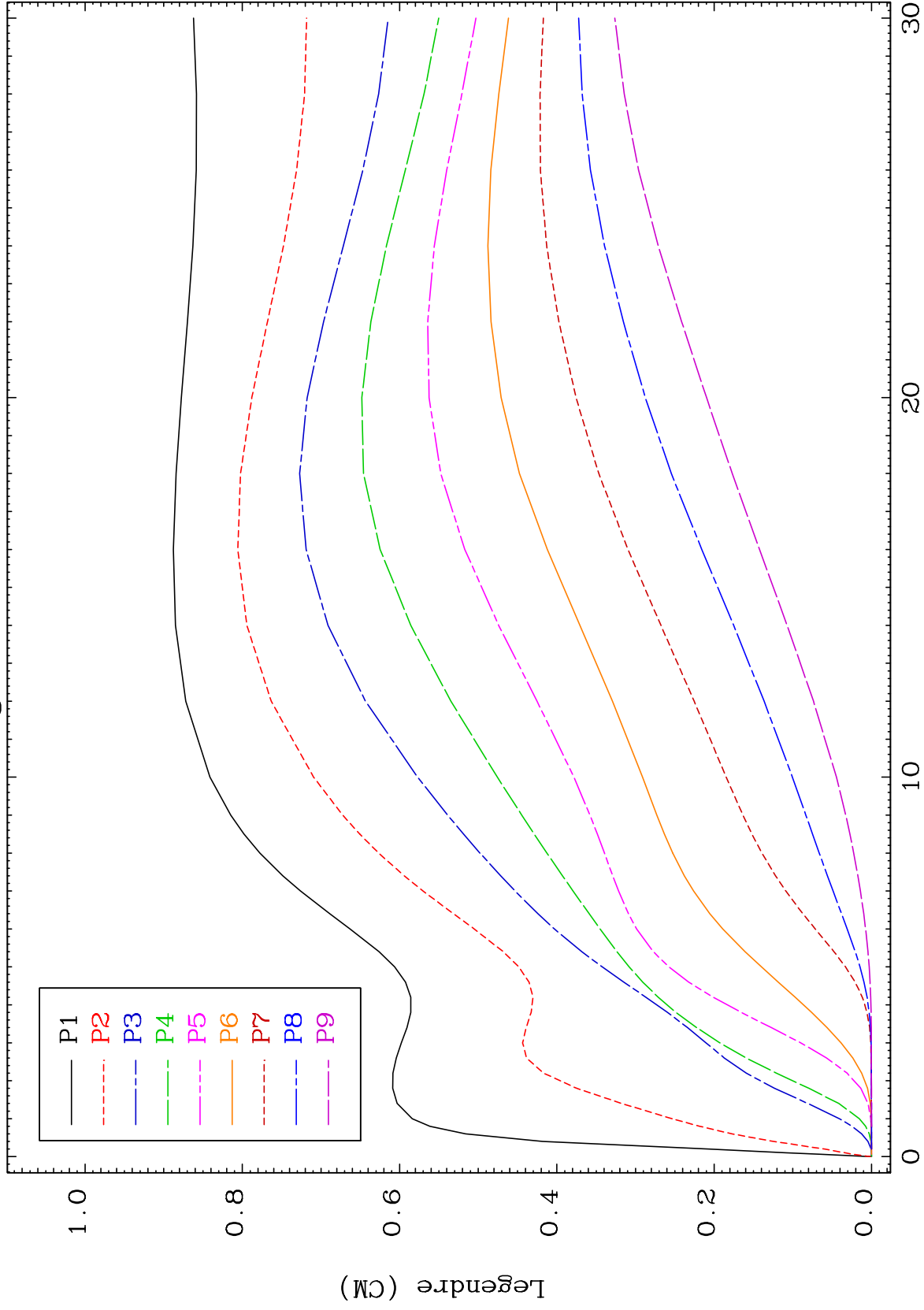
43-Tc-100



MAT 4328

Elastic Legendre Coefficients

43-Tc-100



17

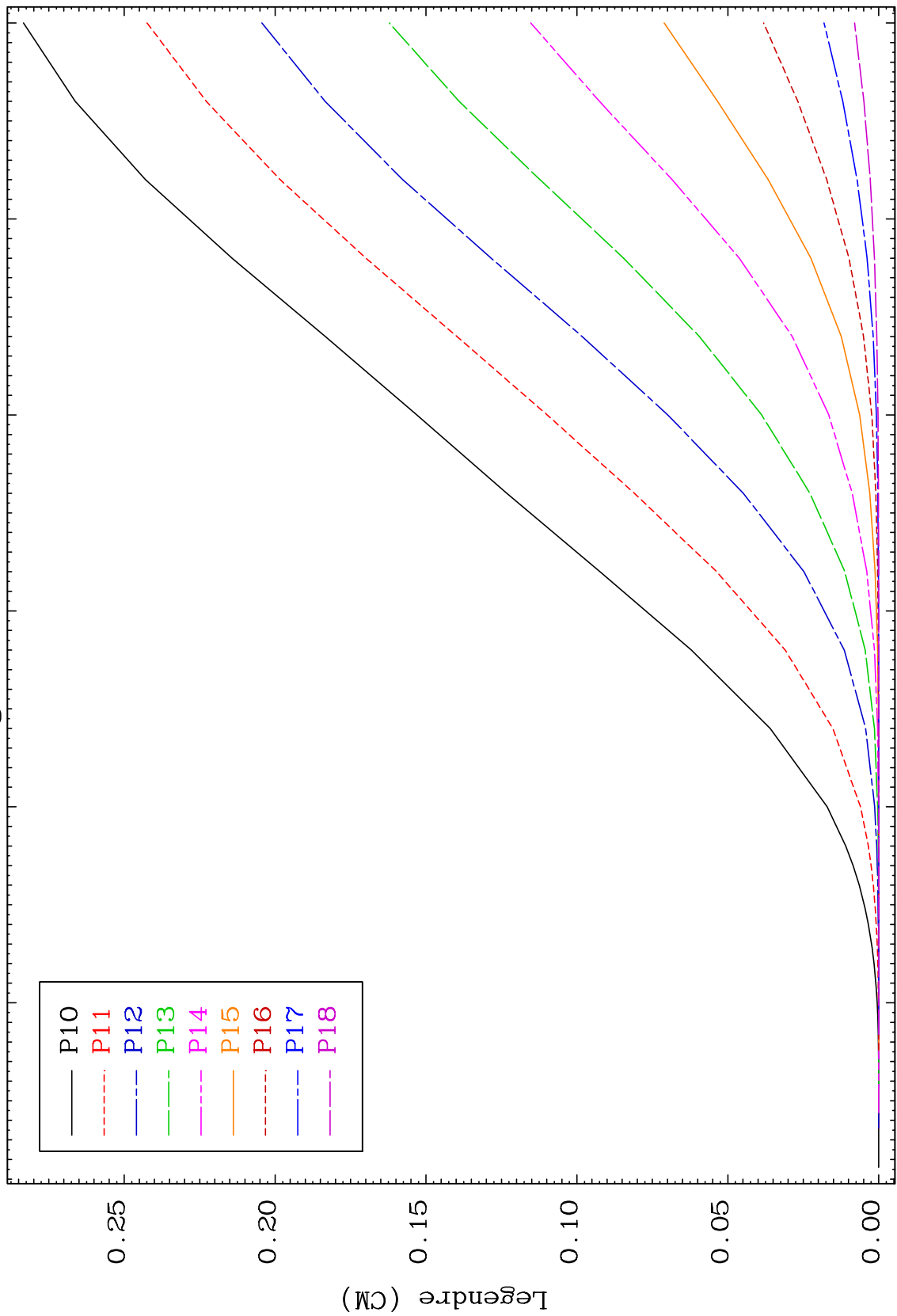
Incident Energy (MeV)

43-Tc-100

MAT 4328

Elastic Legendre Coefficients

43-Tc-100



18

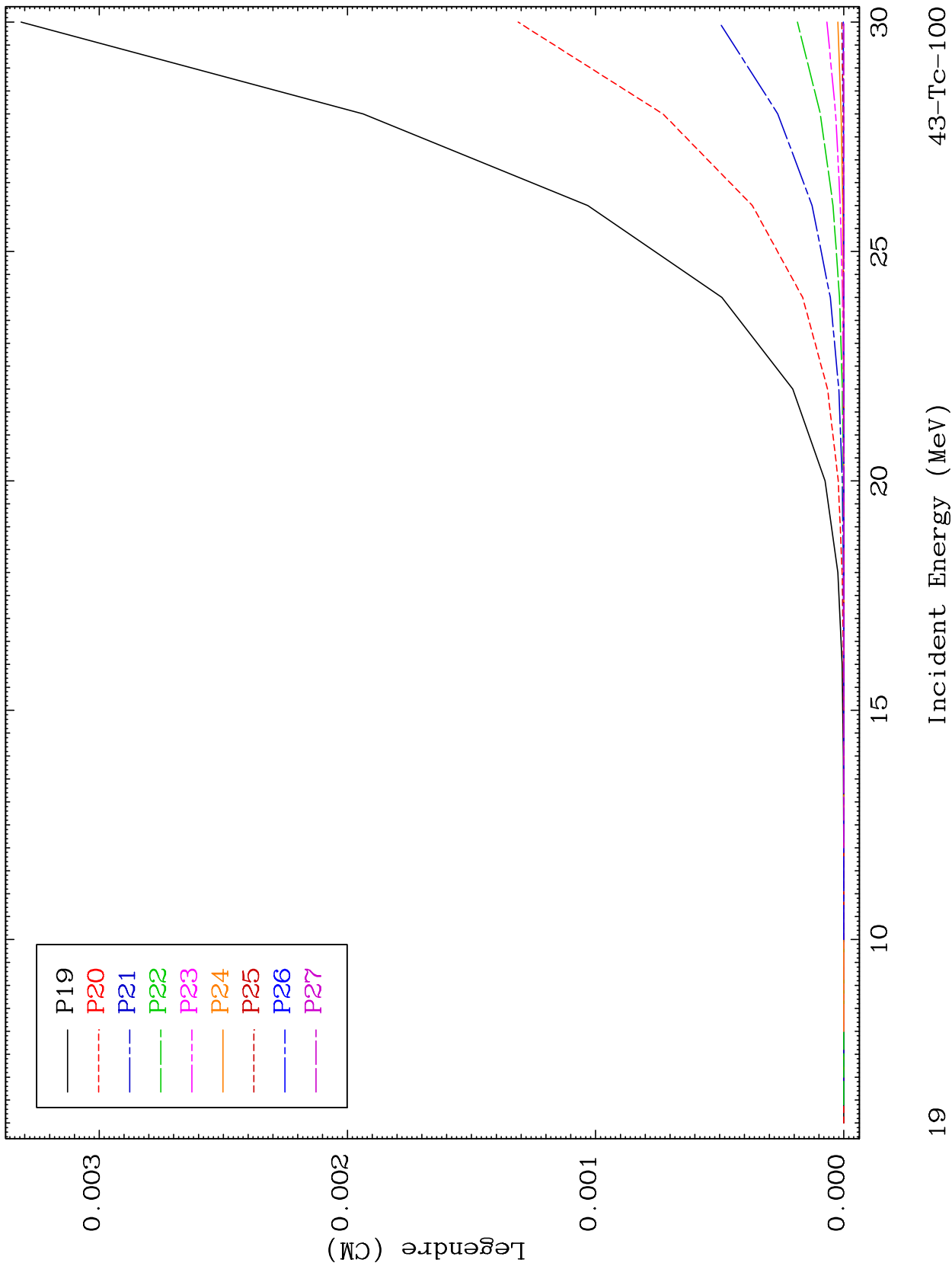
Incident Energy (MeV)

43-Tc-100

MAT 4328

### Elastic Legendre Coefficients

43-Tc-100



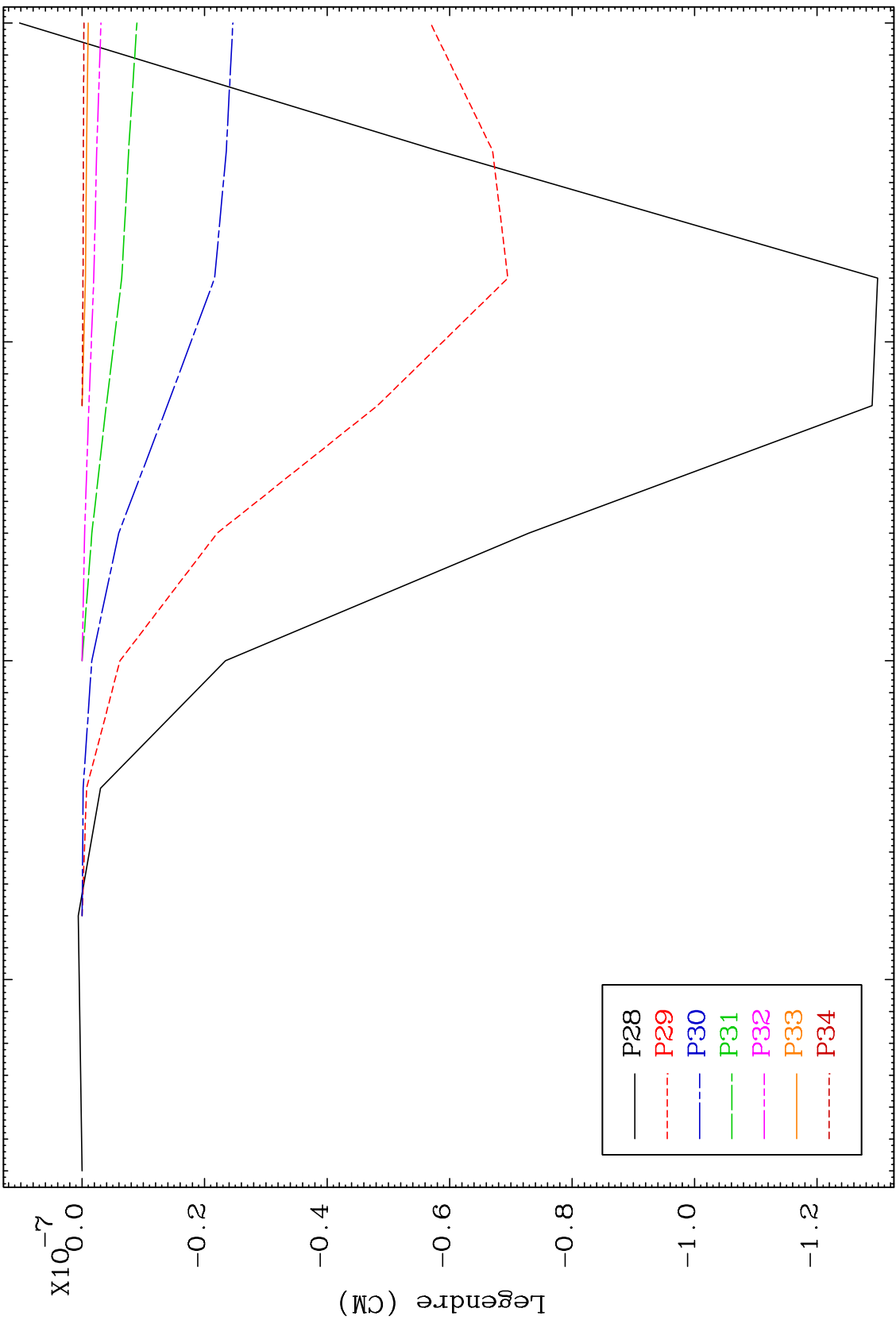
19

43-Tc-100

MAT 4328

43-Tc-100

Elastic Legendre Coefficients



30

25

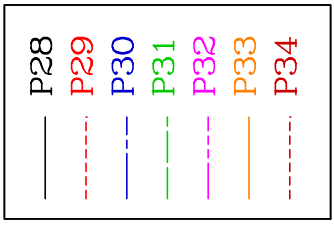
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15

20

Incident Energy (MeV)

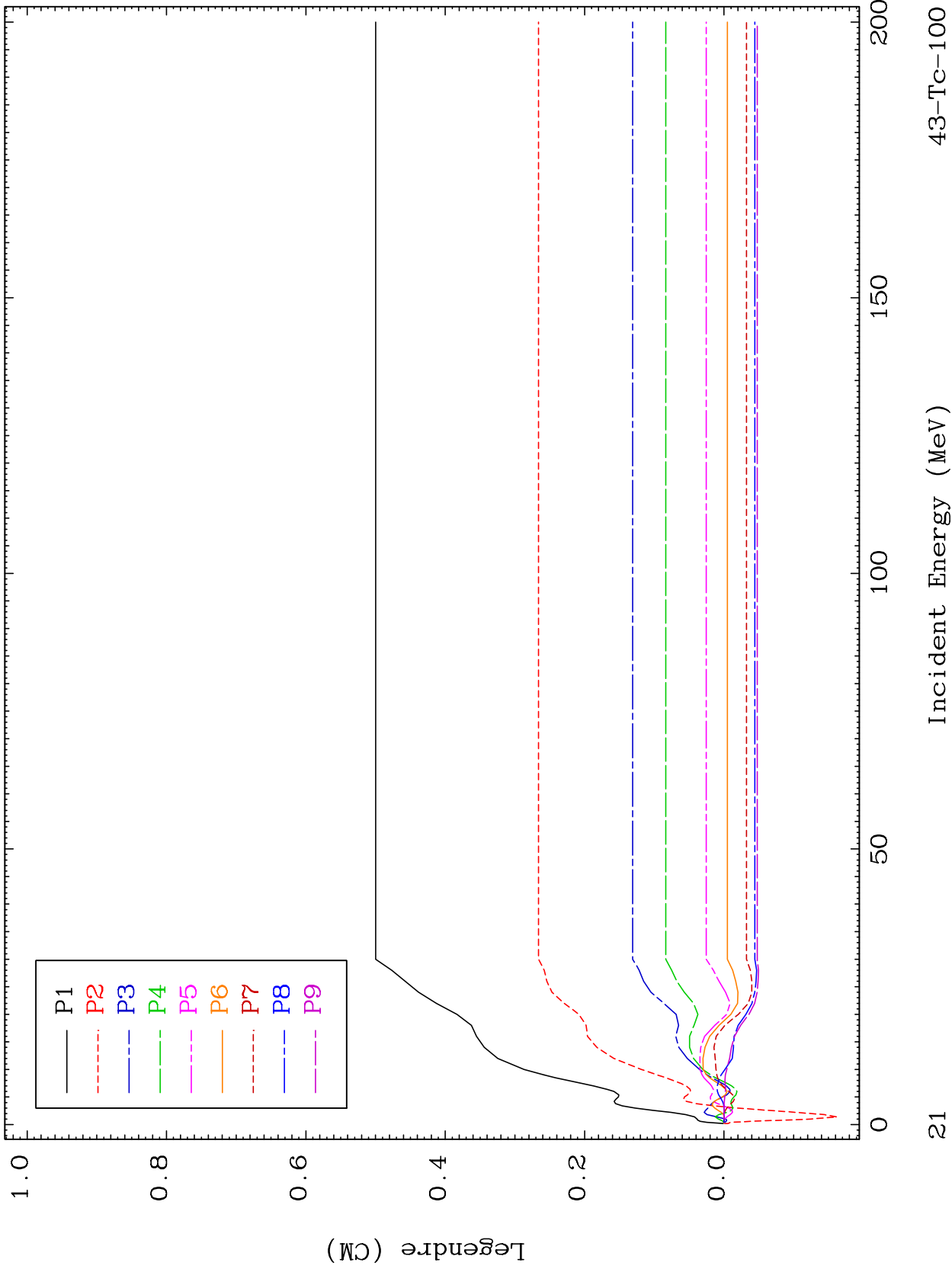
43-Tc-100



MAT 4328

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

43-Tc-100



21

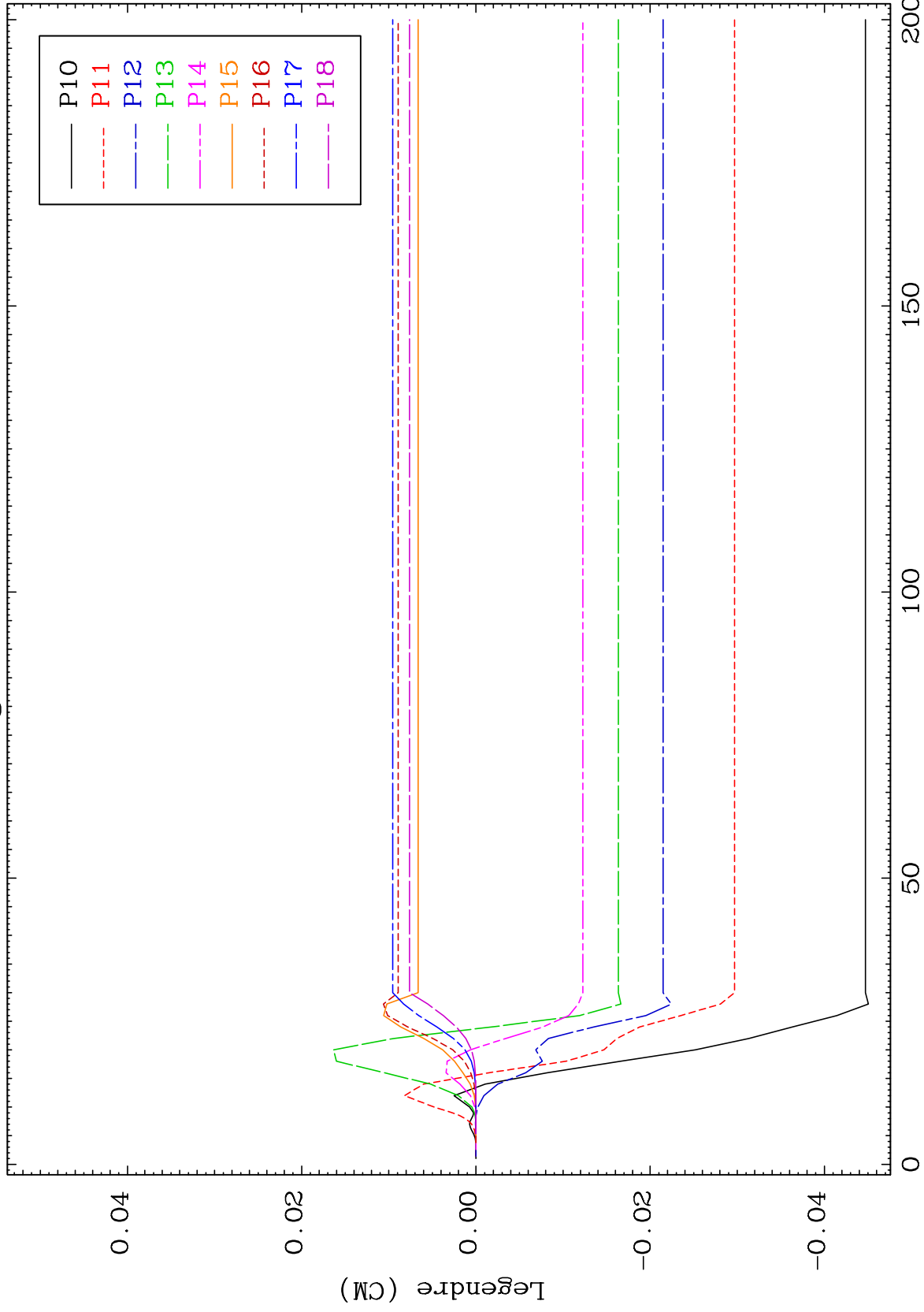
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



22

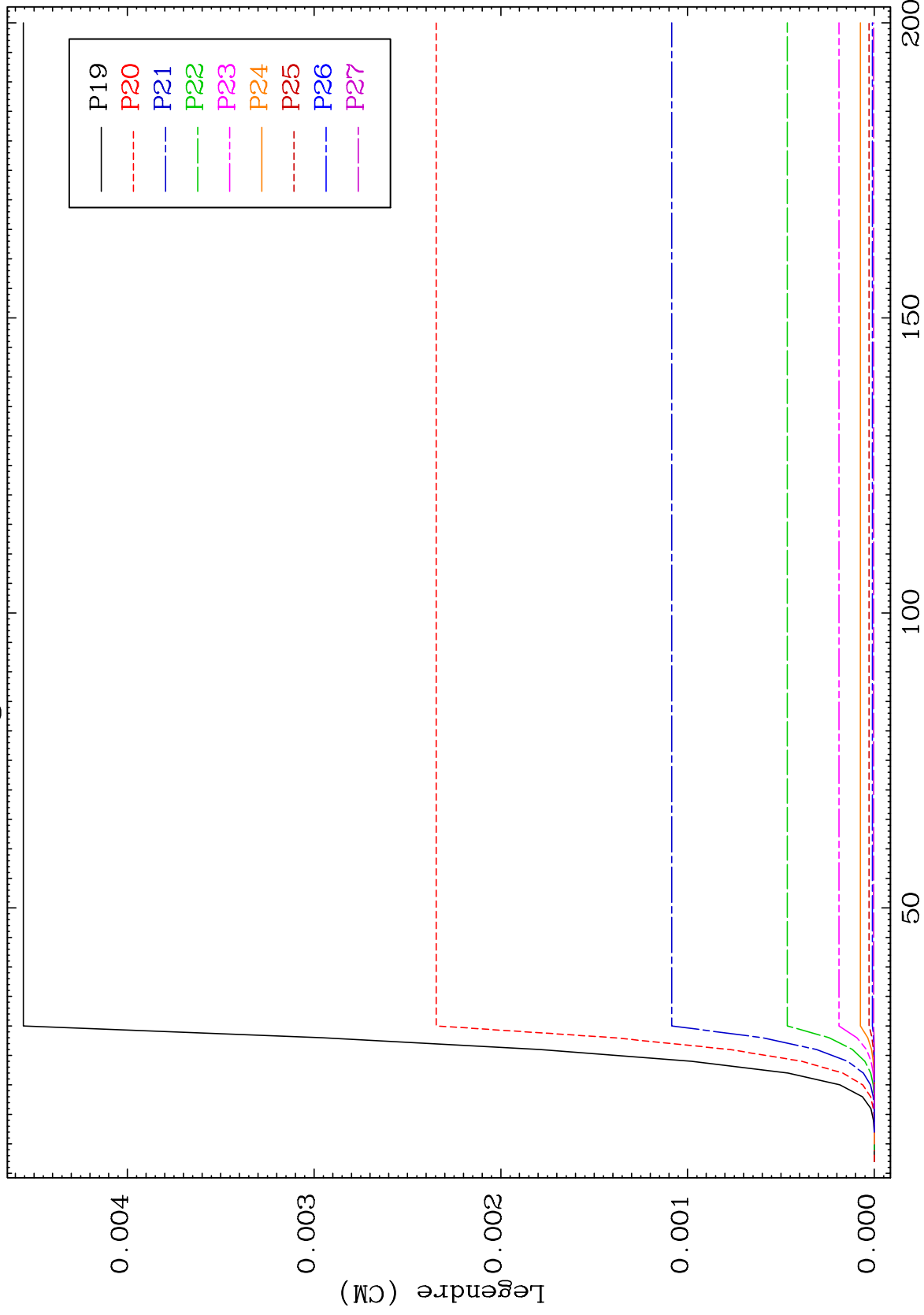
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



23

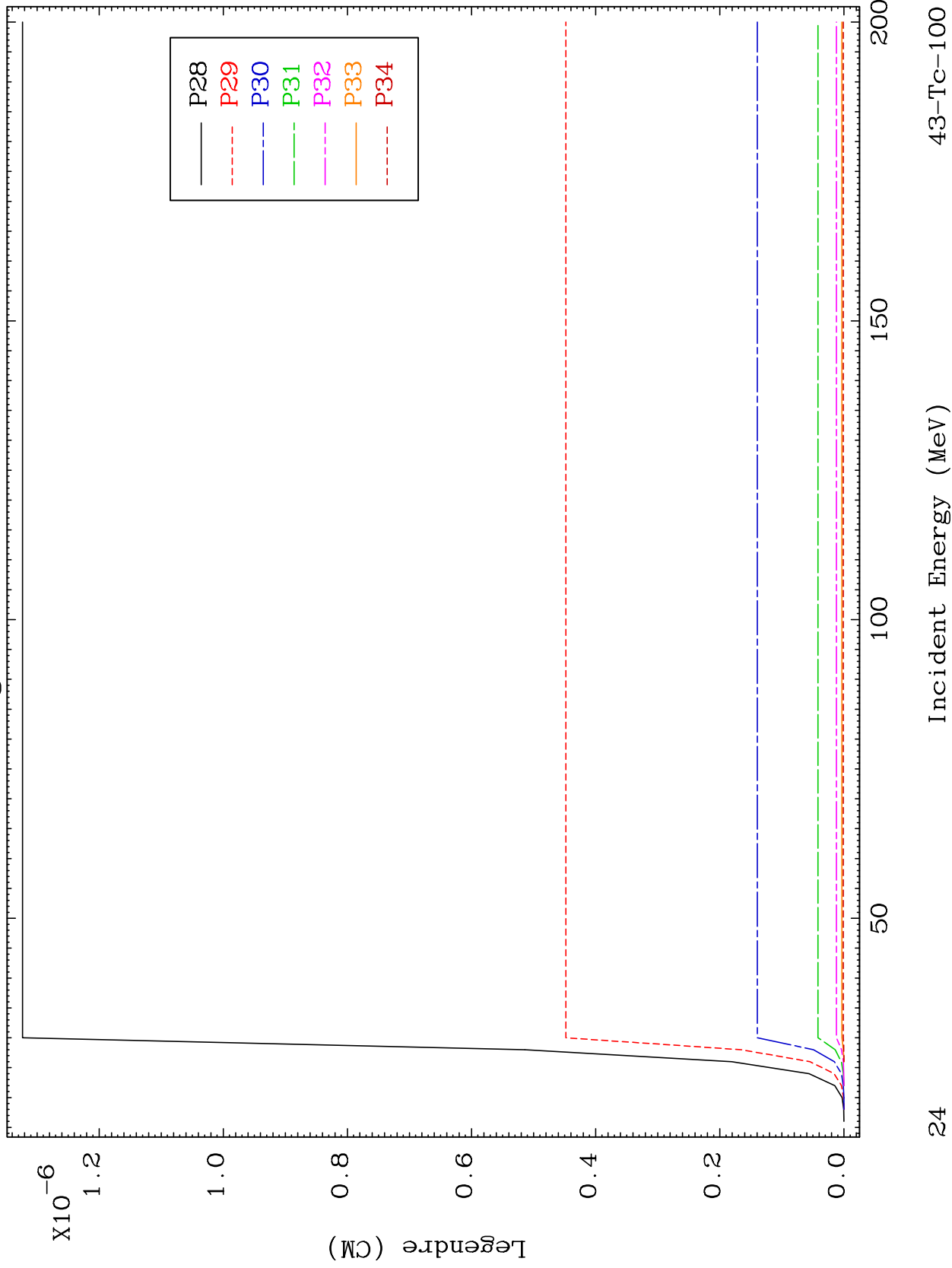
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

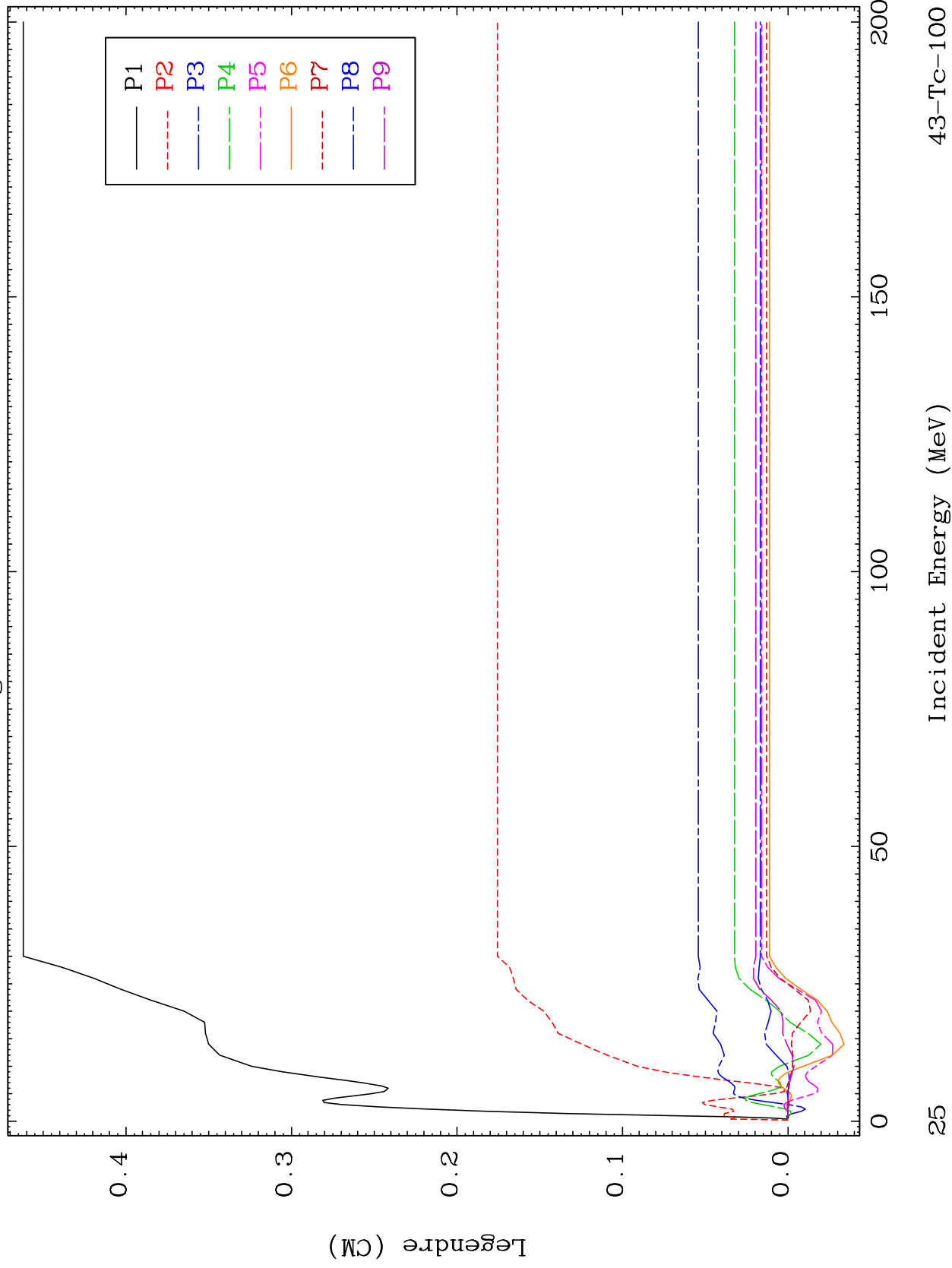
43-Tc-100



MAT 4328

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

43-Tc-100



25

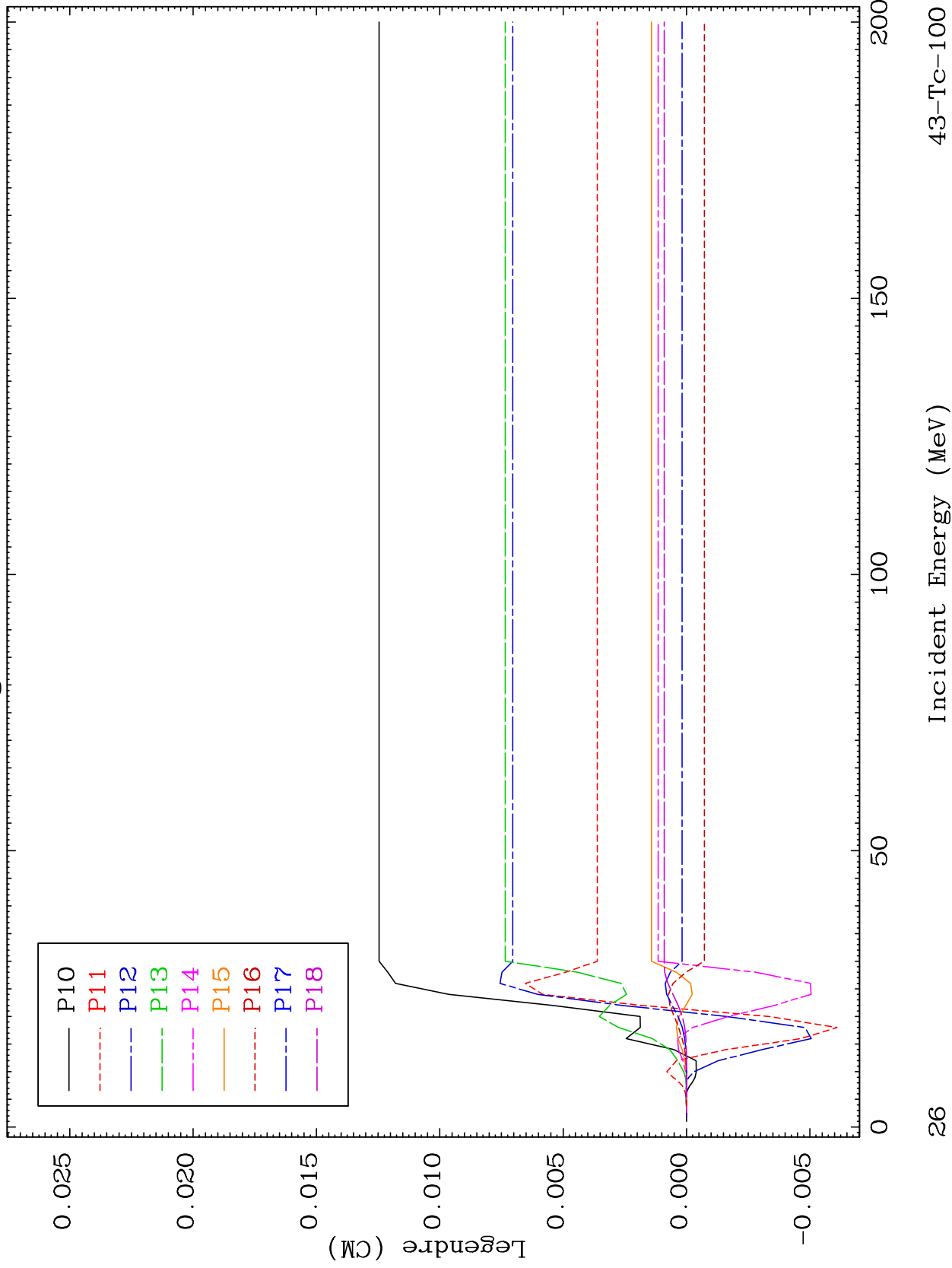
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



26

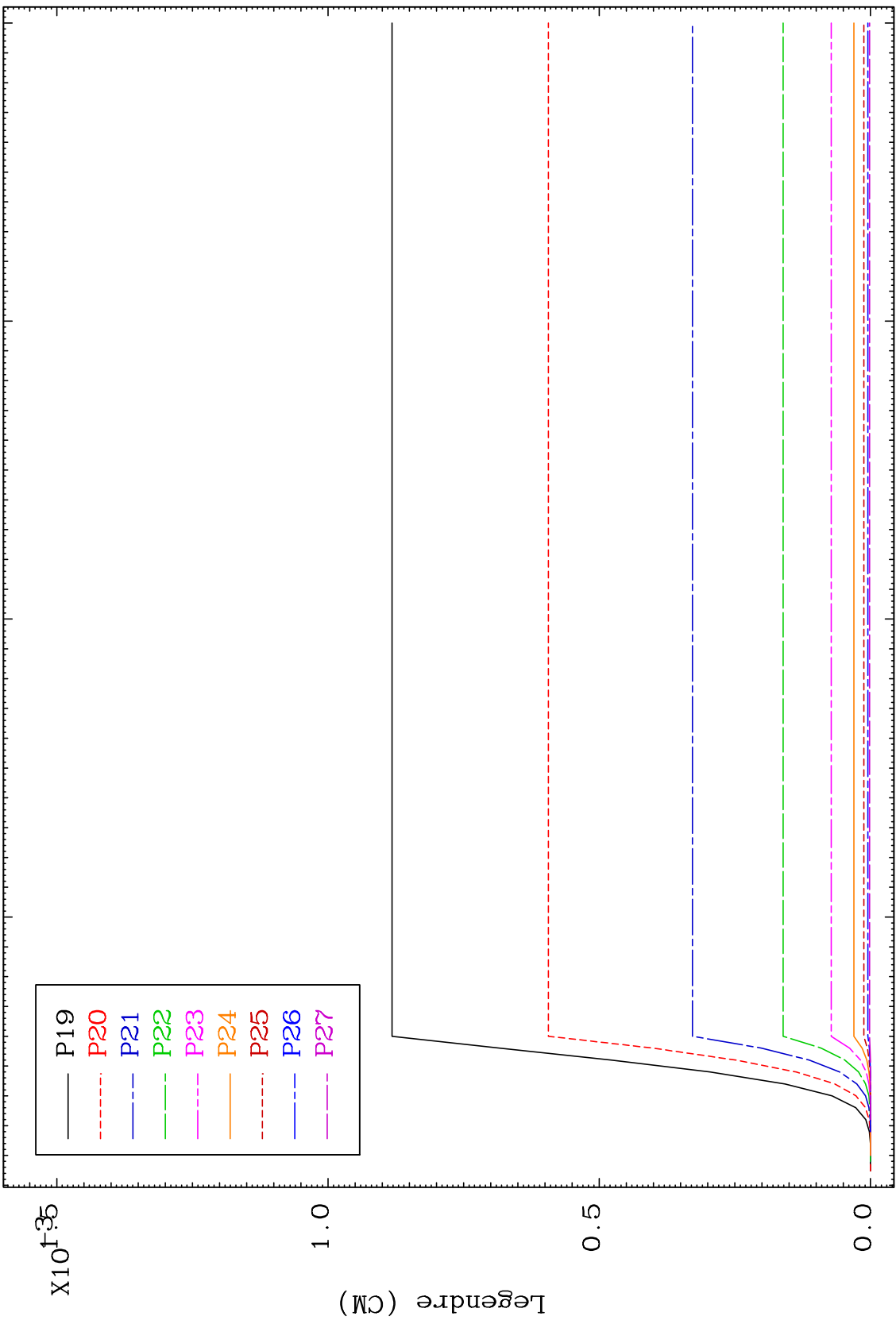
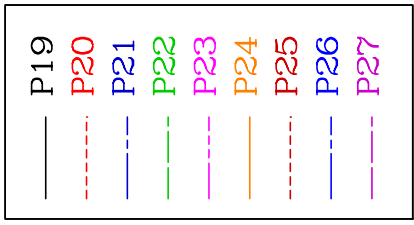
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



200

150

100

50

Incident Energy (MeV)

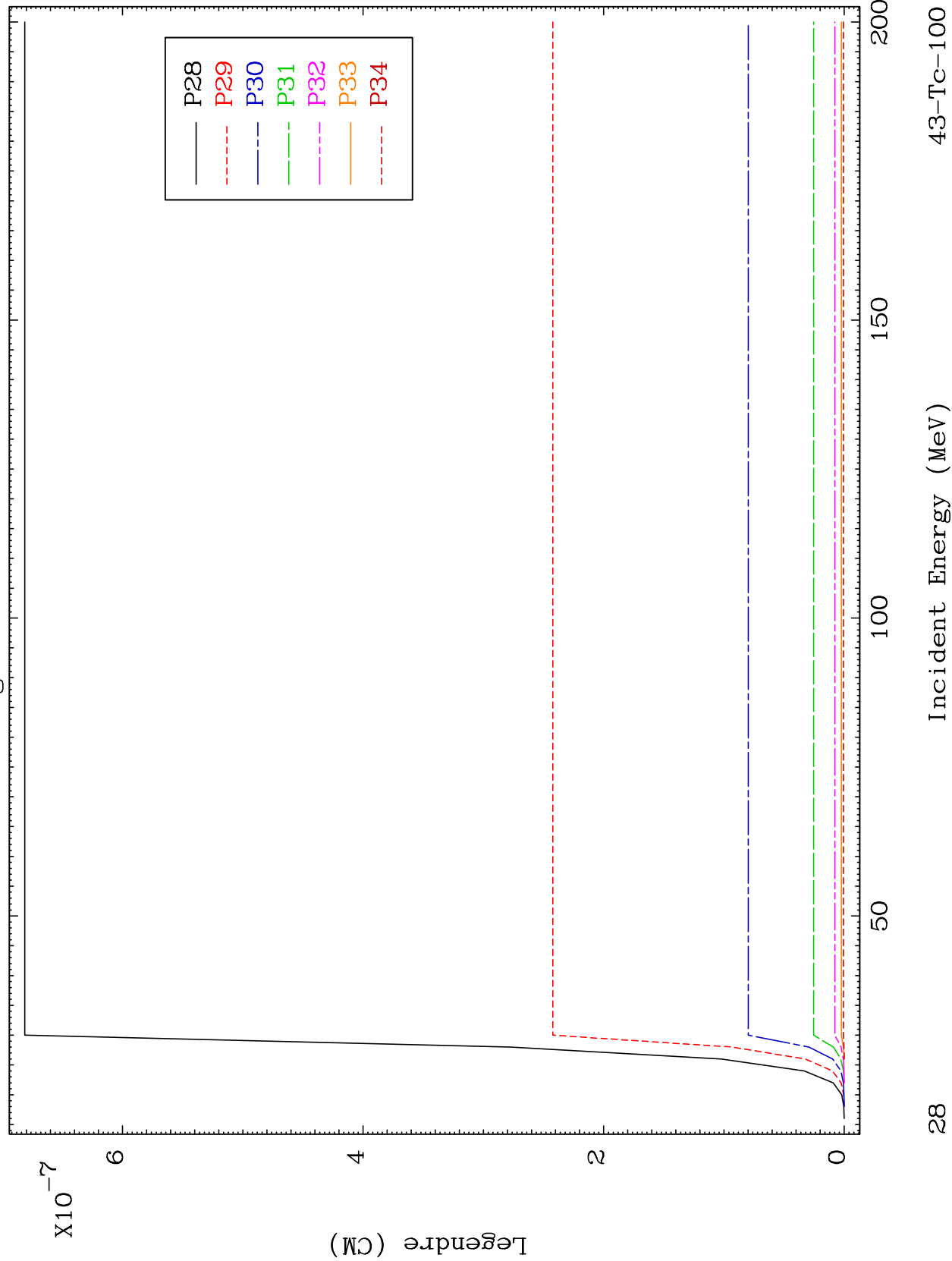
43-Tc-100

27

MAT 4328

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

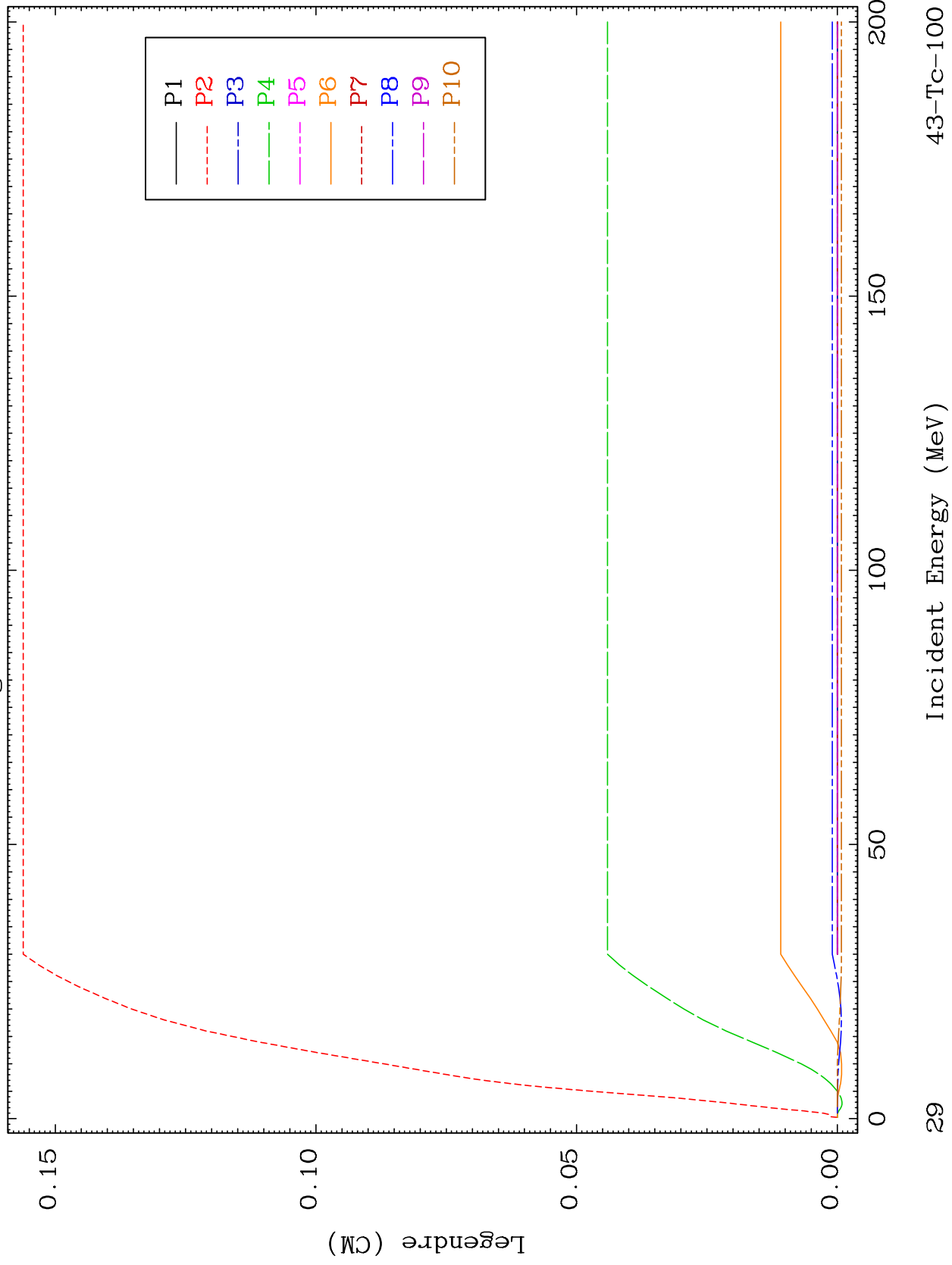
43-Tc-100



MAT 4328

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

43-Tc-100



29

Incident Energy (MeV)

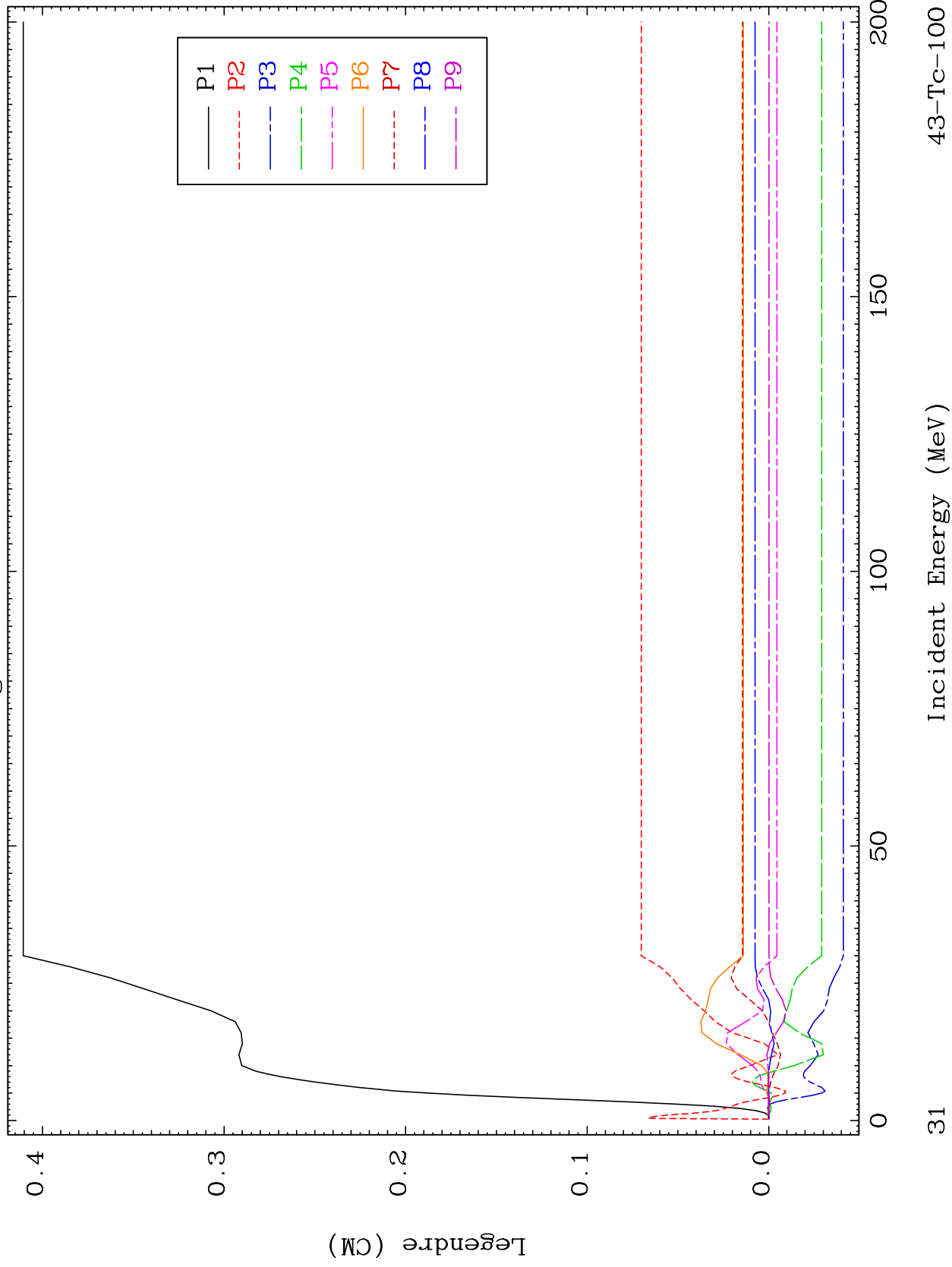
43-Tc-100



MAT 4328

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

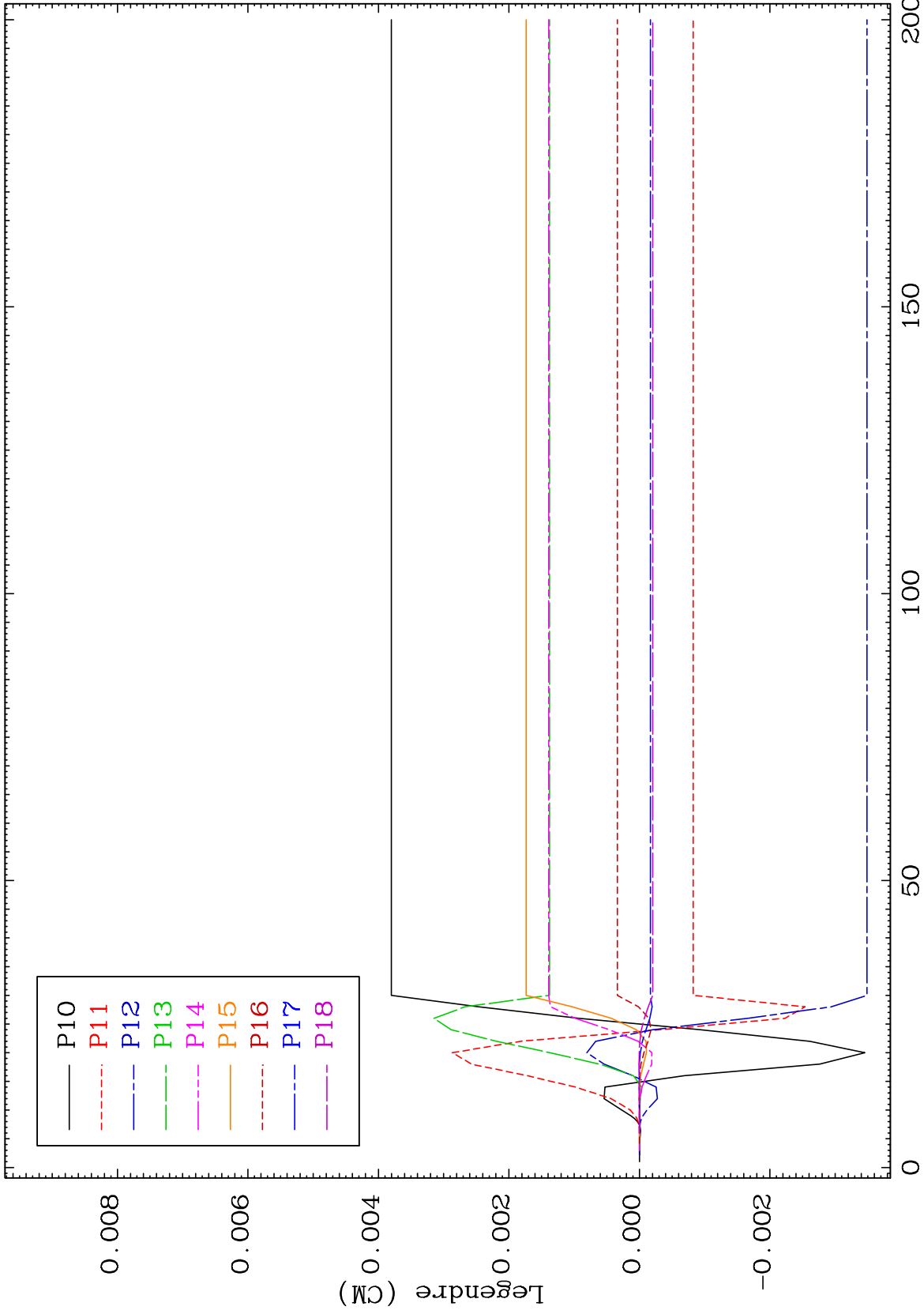
43-Tc-100



MAT 4328

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

43-Tc-100



32

Incident Energy (MeV)

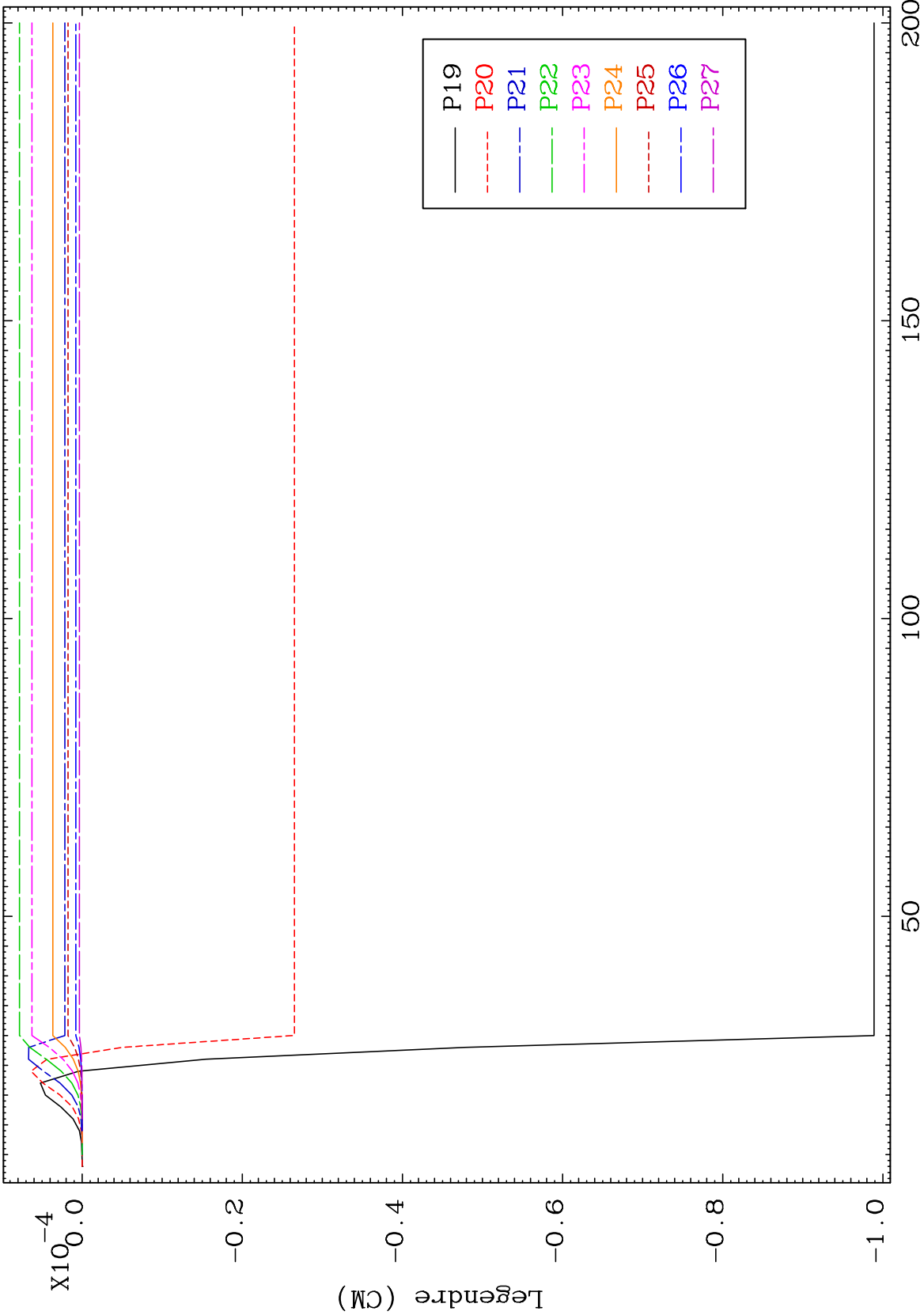
43-Tc-100

MAT 4328

MT= 54 (n,n') Level

43-Tc-100

Legendre Coefficients



33

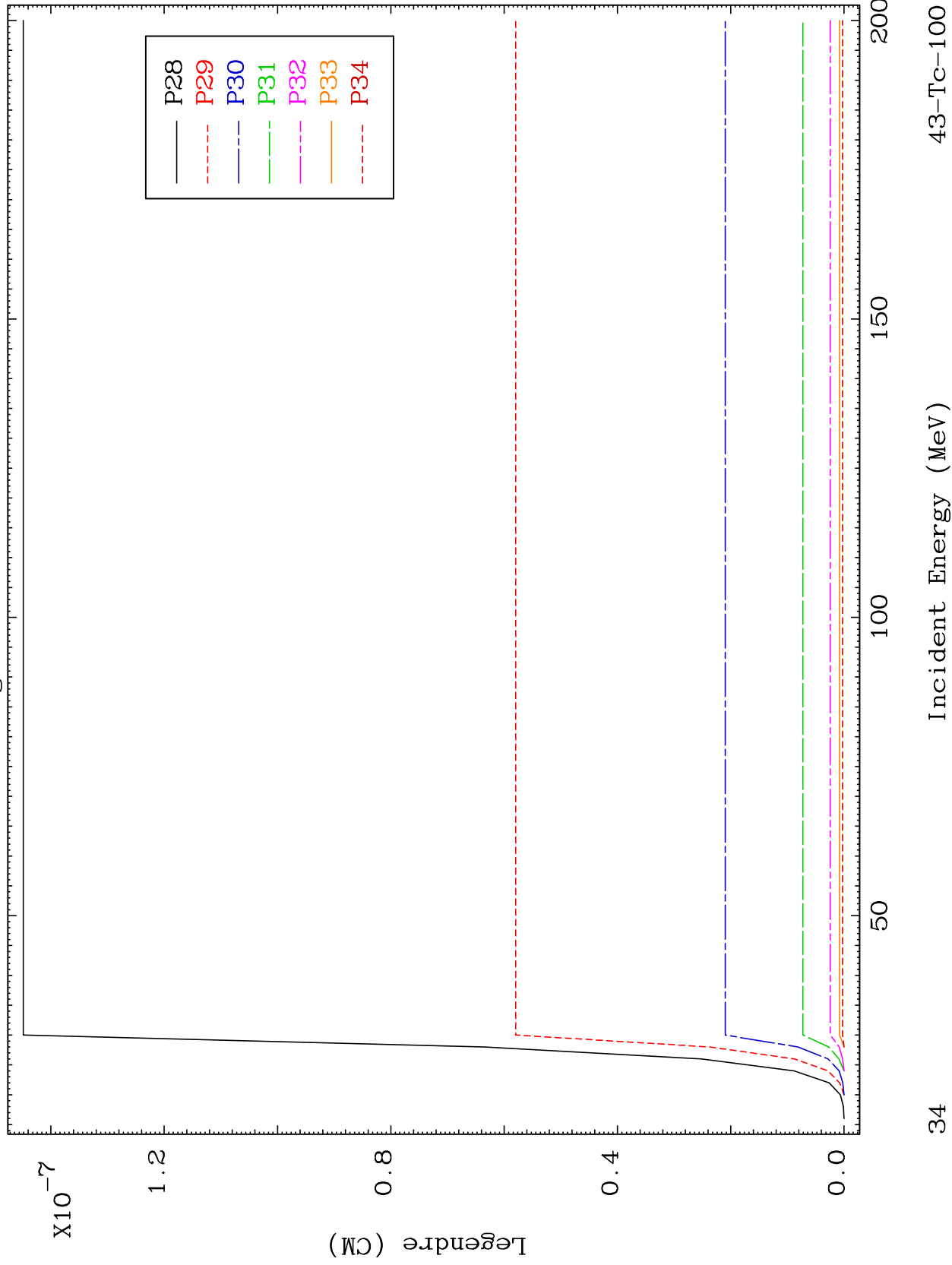
Incident Energy (MeV)

43-Tc-100

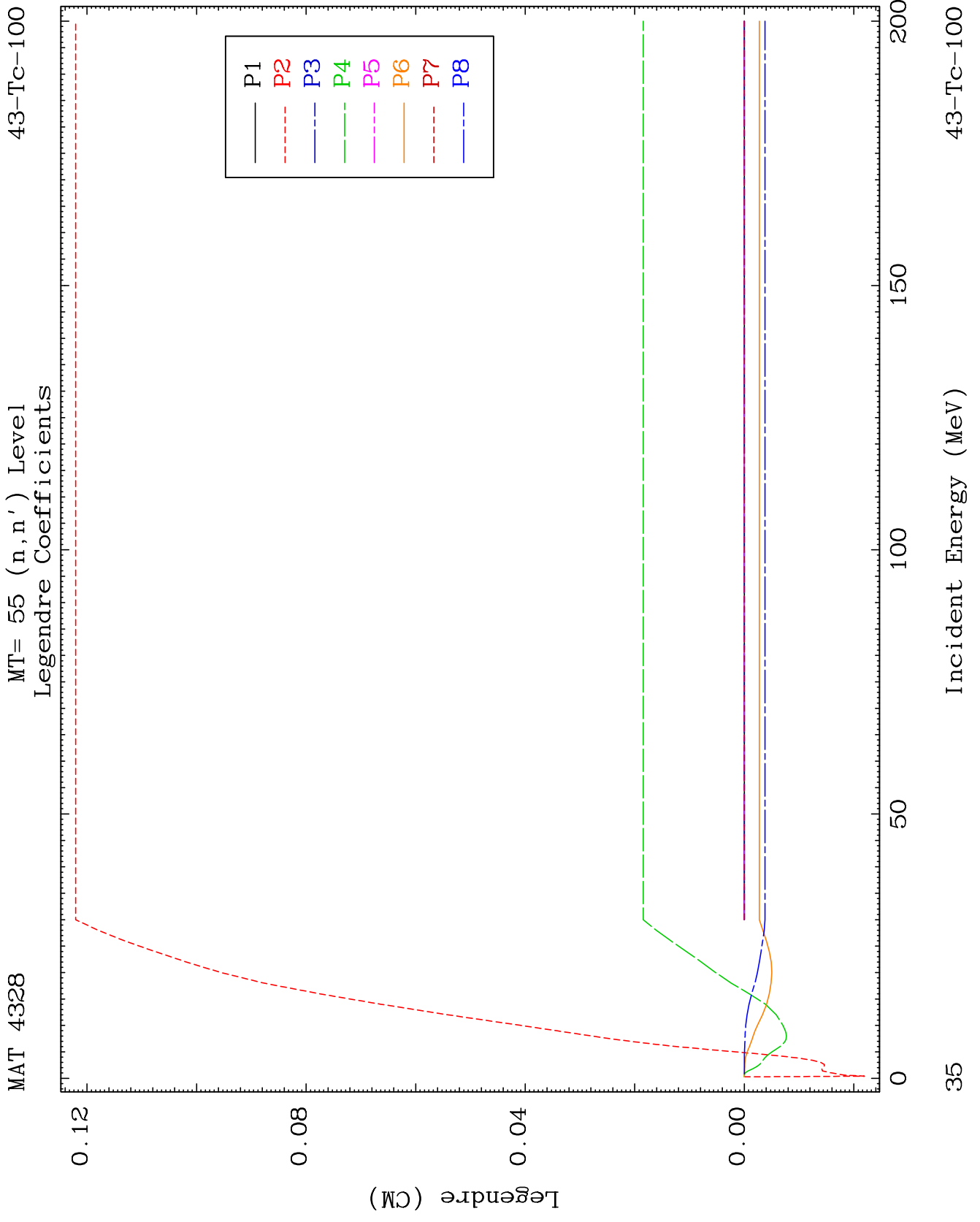
MAT 4328

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

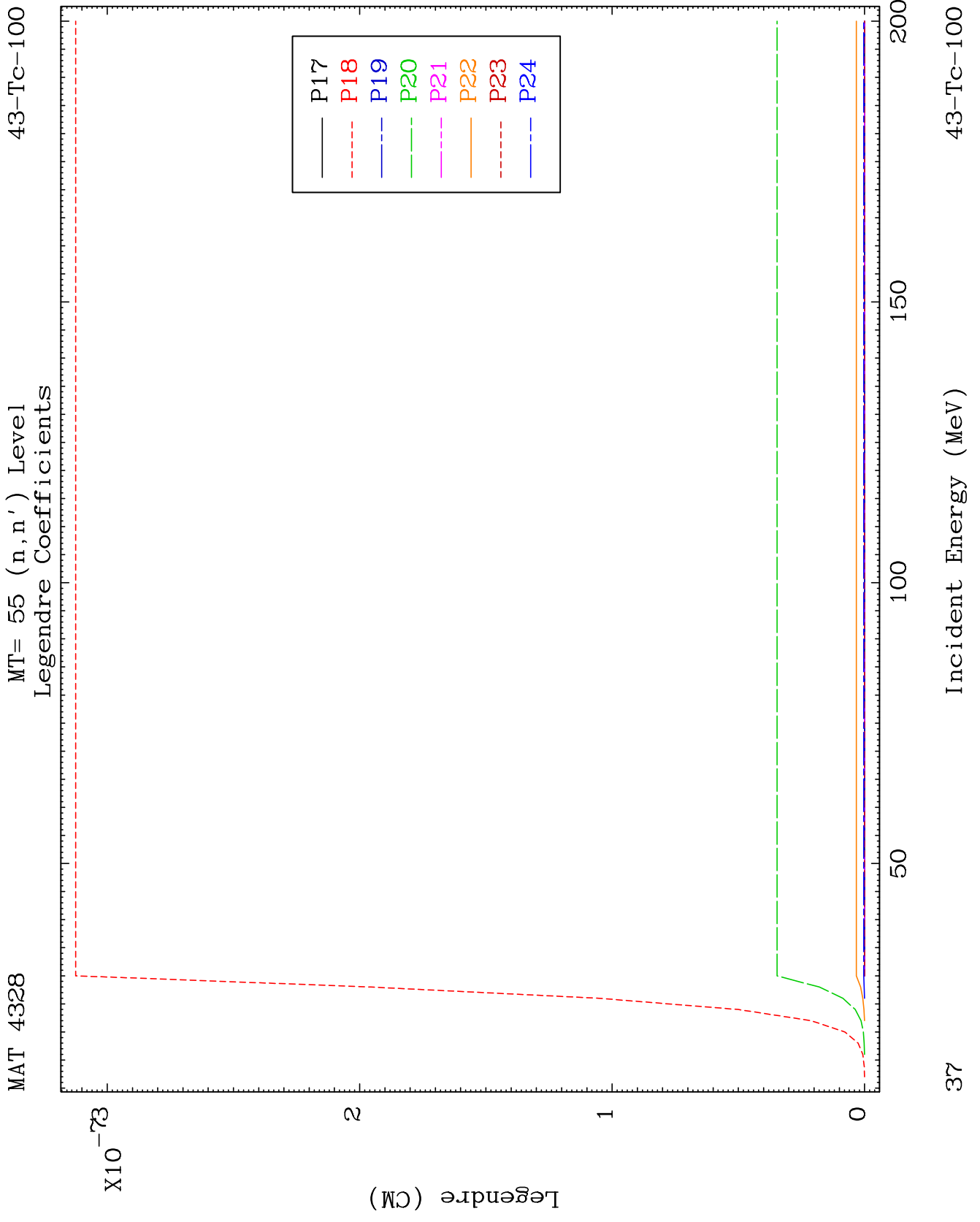
43-Tc-100



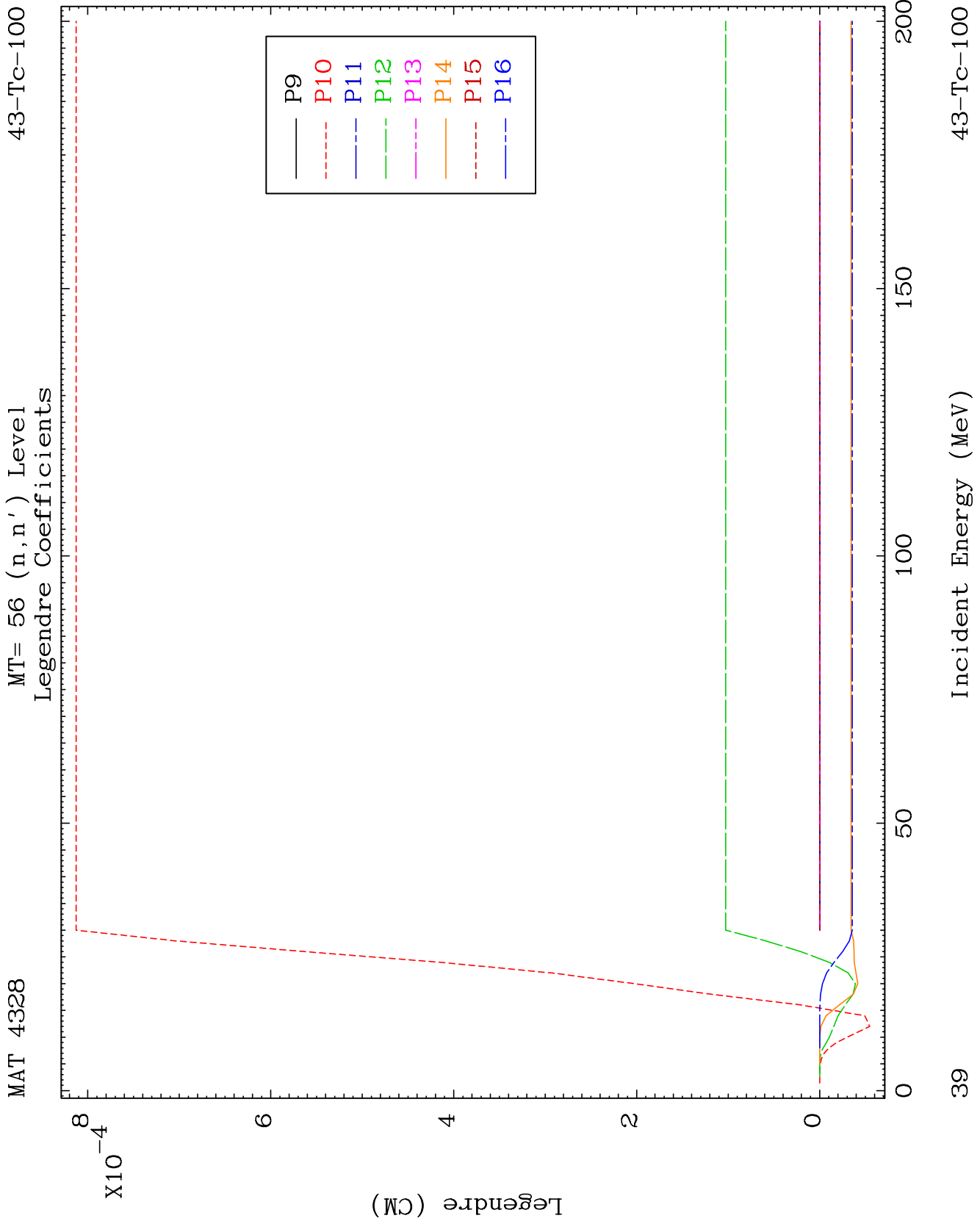
34

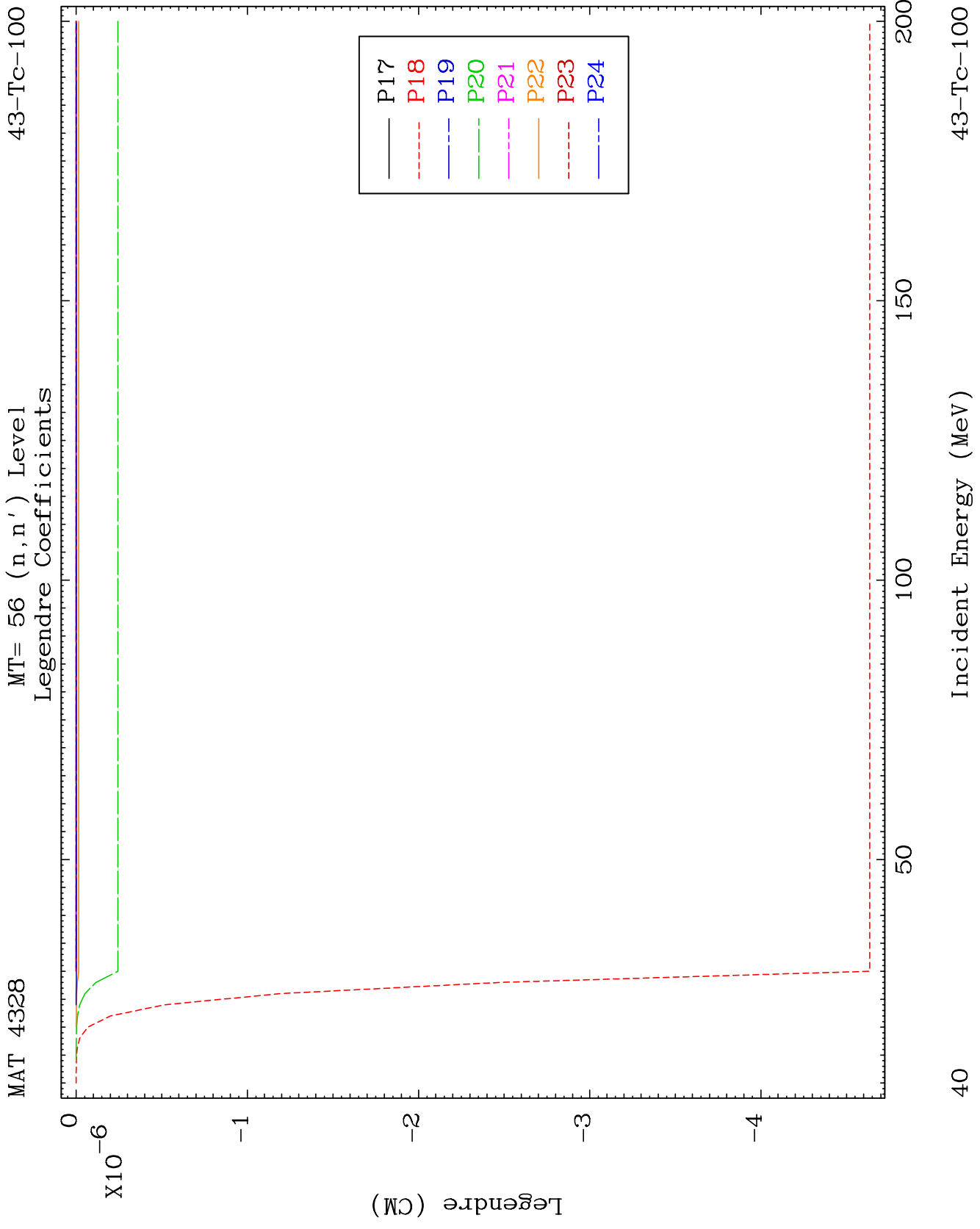








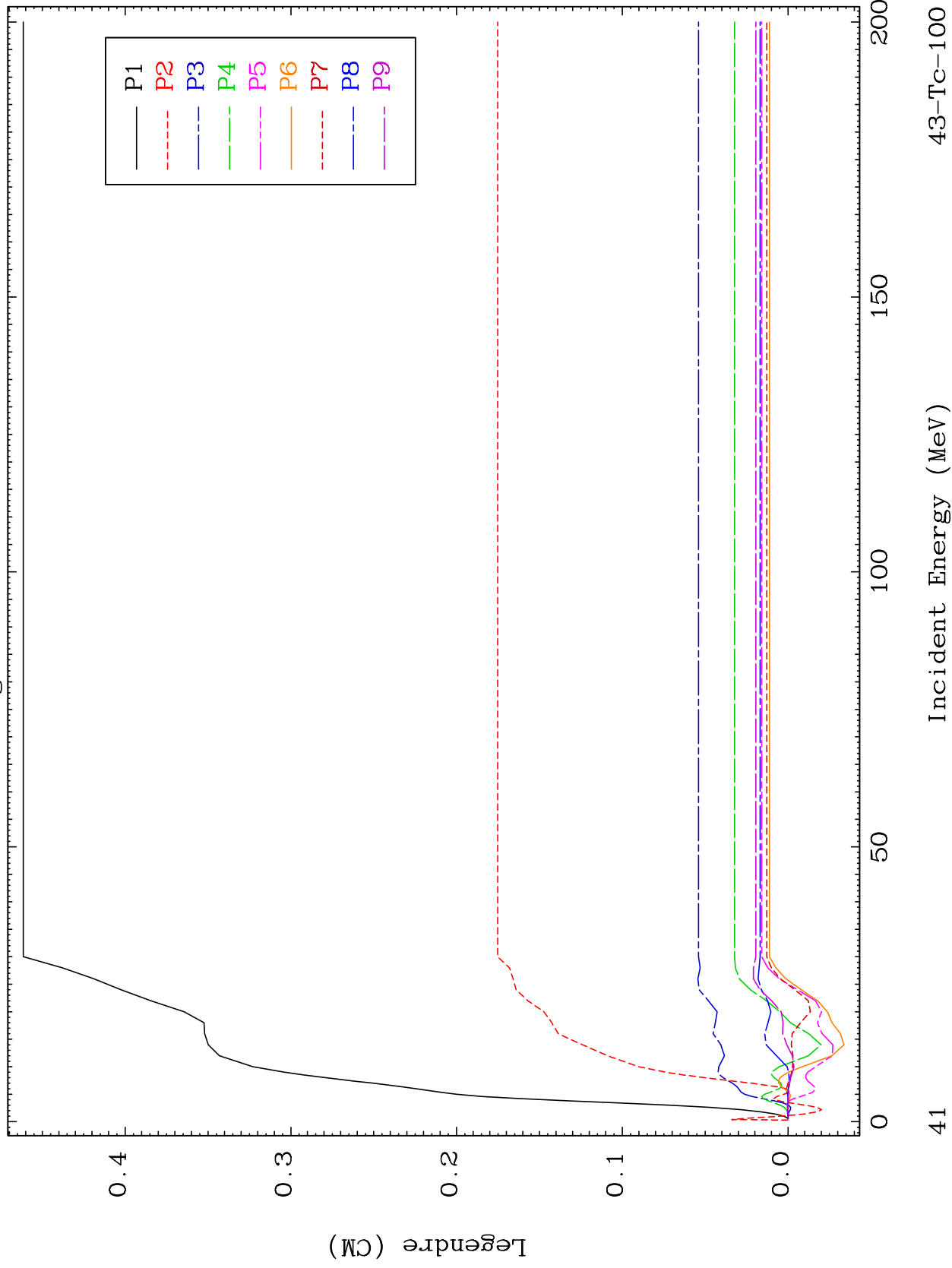




MAT 4328

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

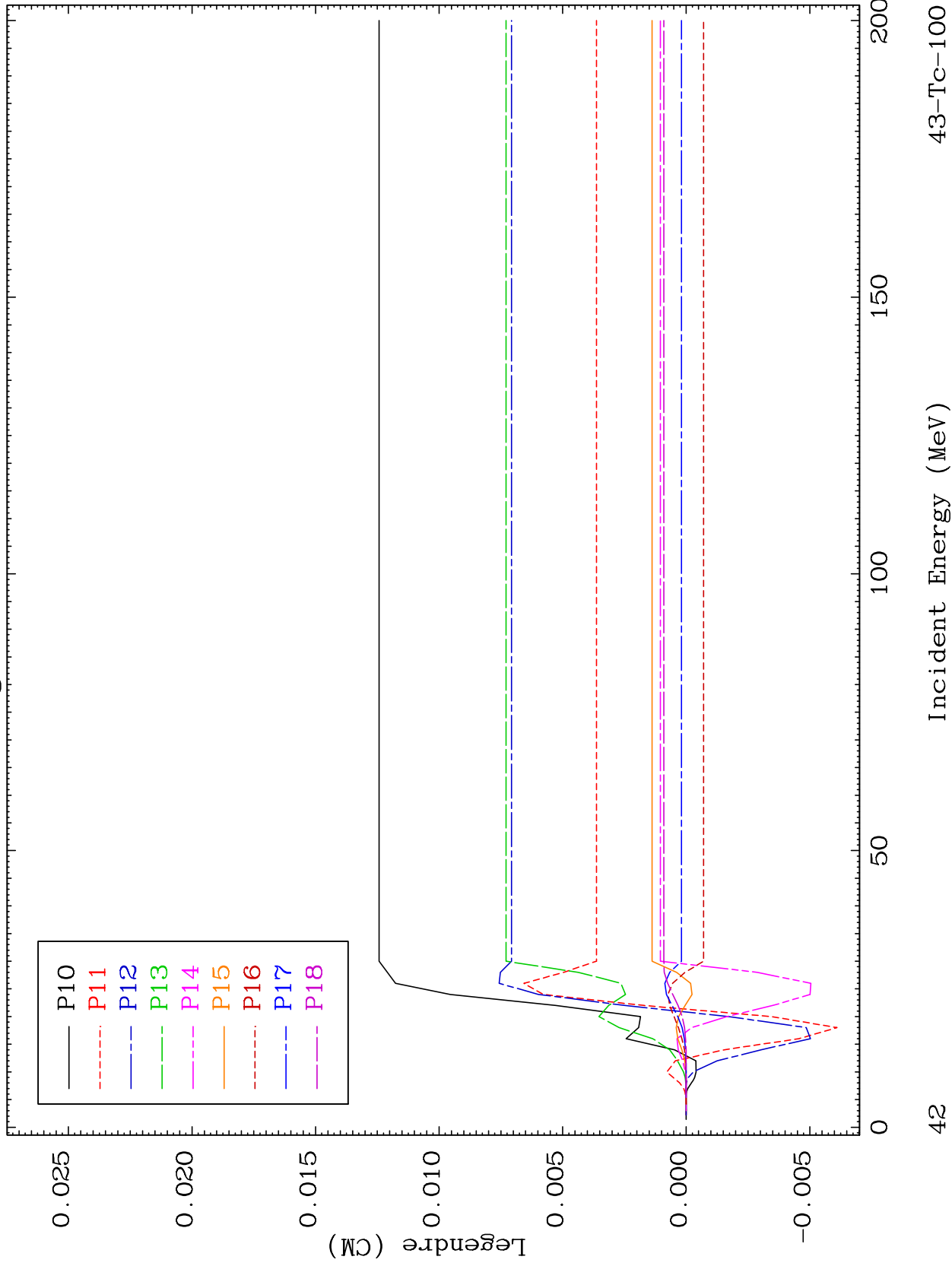
43-Tc-100



MAT 4328

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

43-Tc-100



43-Tc-100

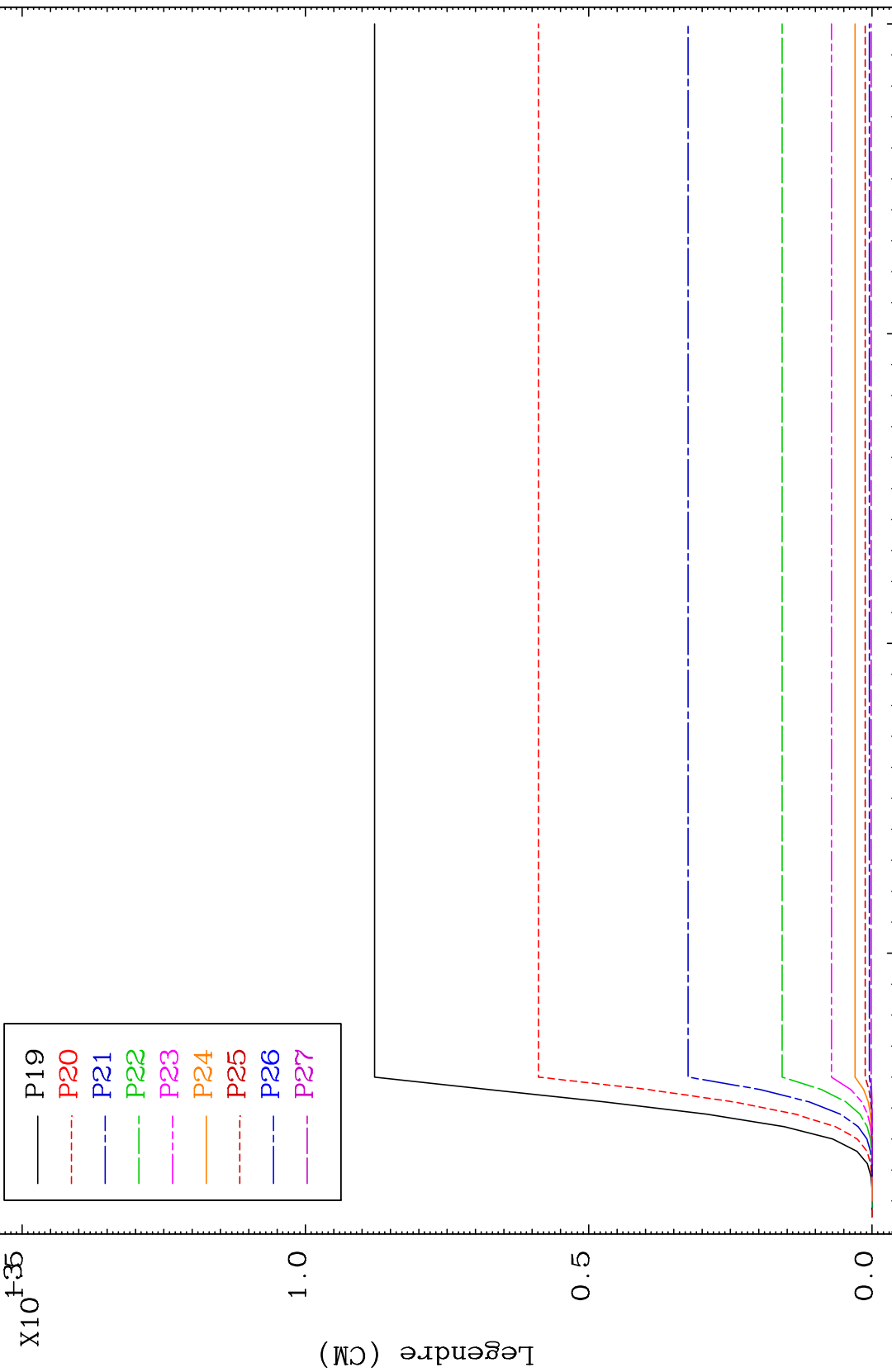
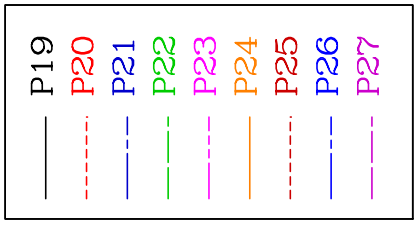
Incident Energy (MeV)

42

MAT 4328

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

43-Tc-100



43

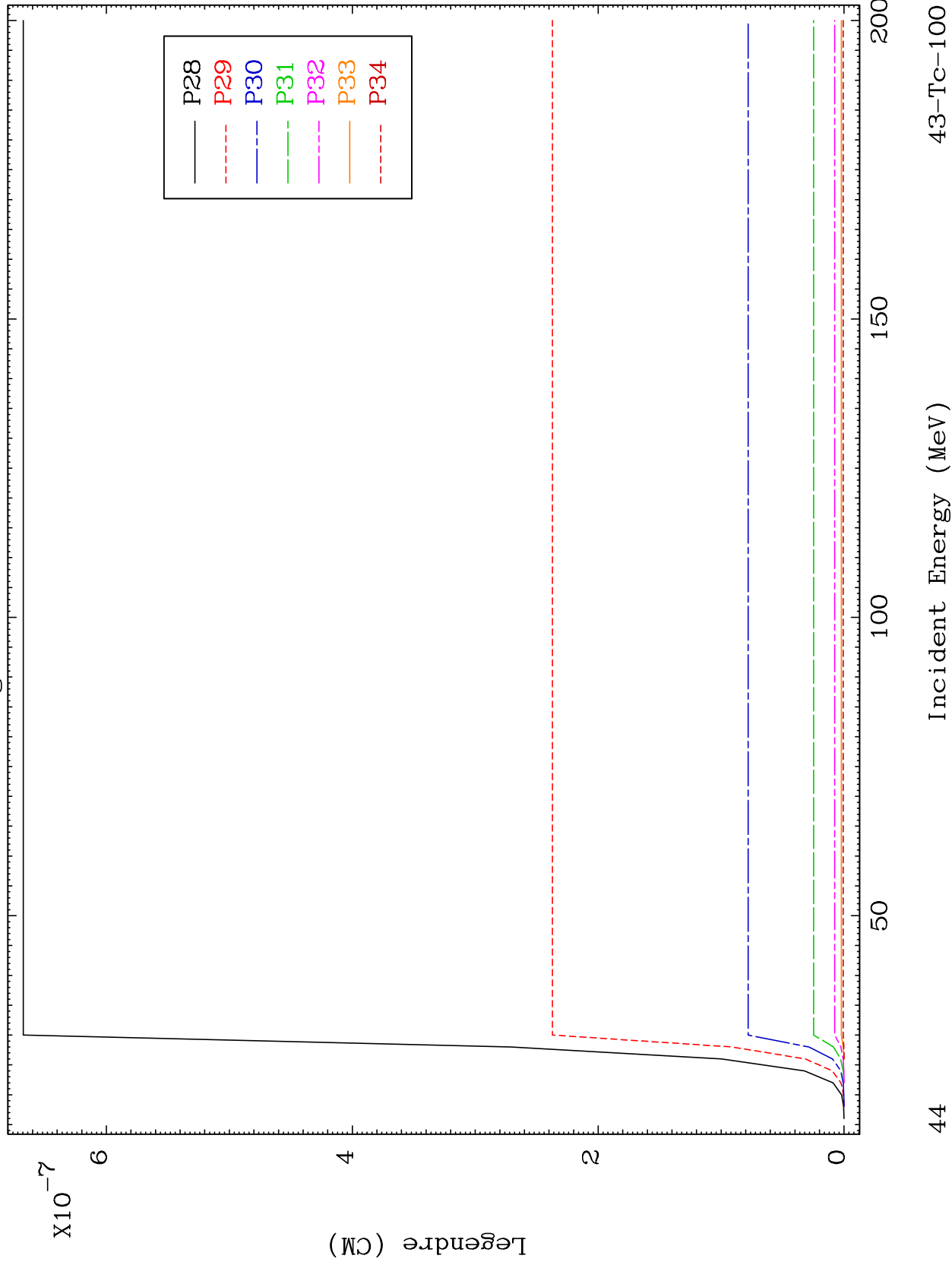
Incident Energy (MeV)

43-Tc-100

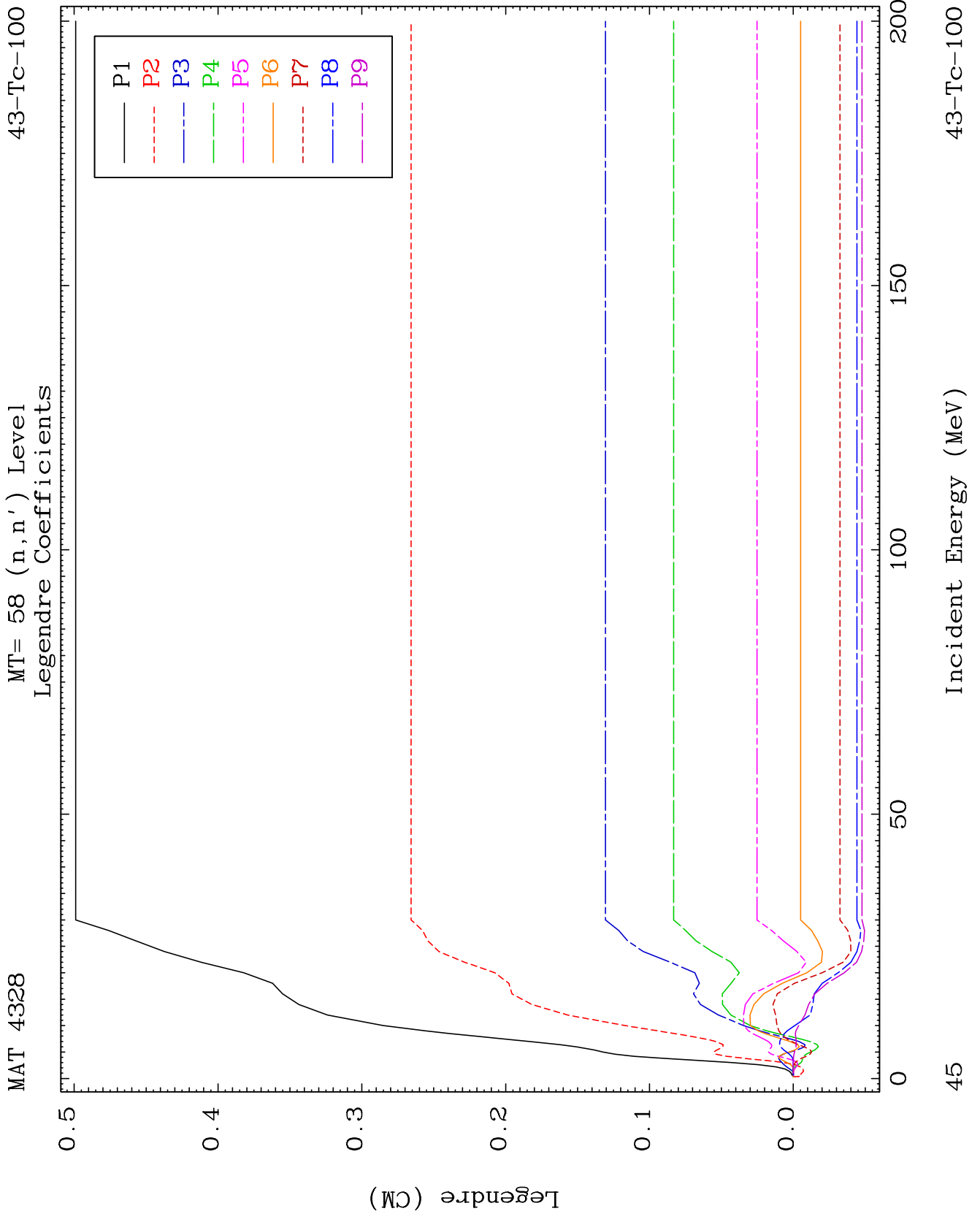
MAT 4328

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

43-Tc-100



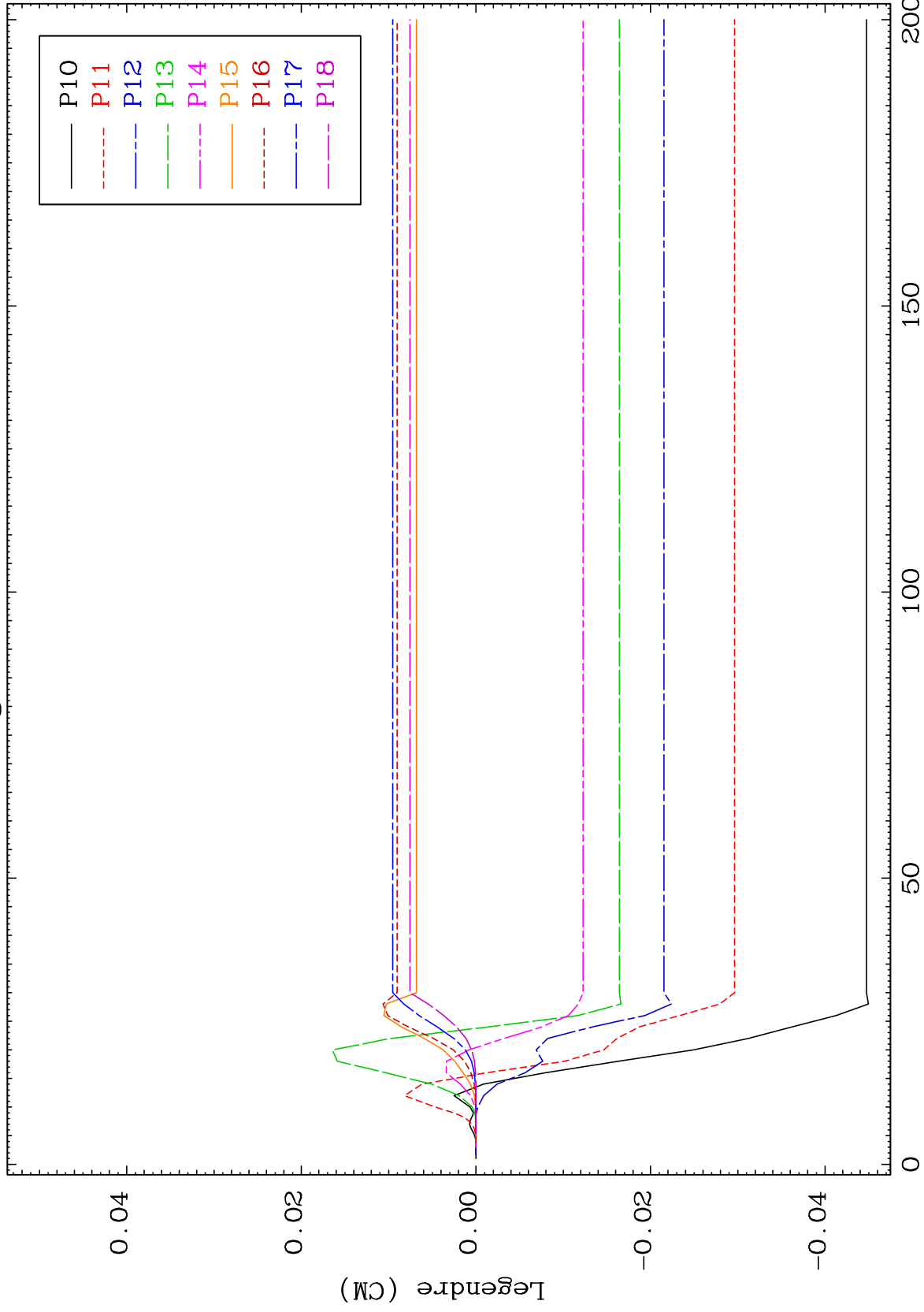
44



MAT 4328

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

43-Tc-100



46

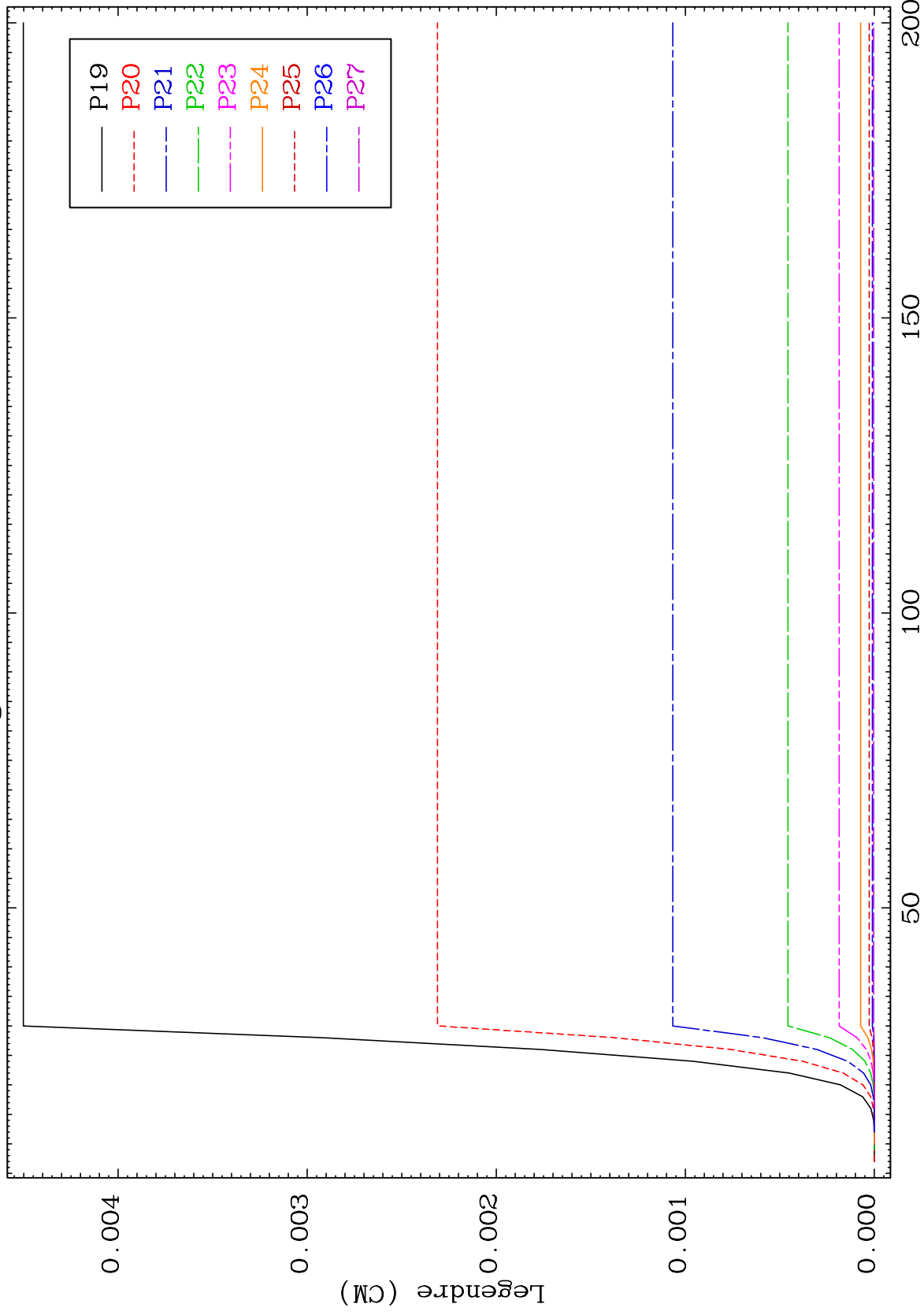
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

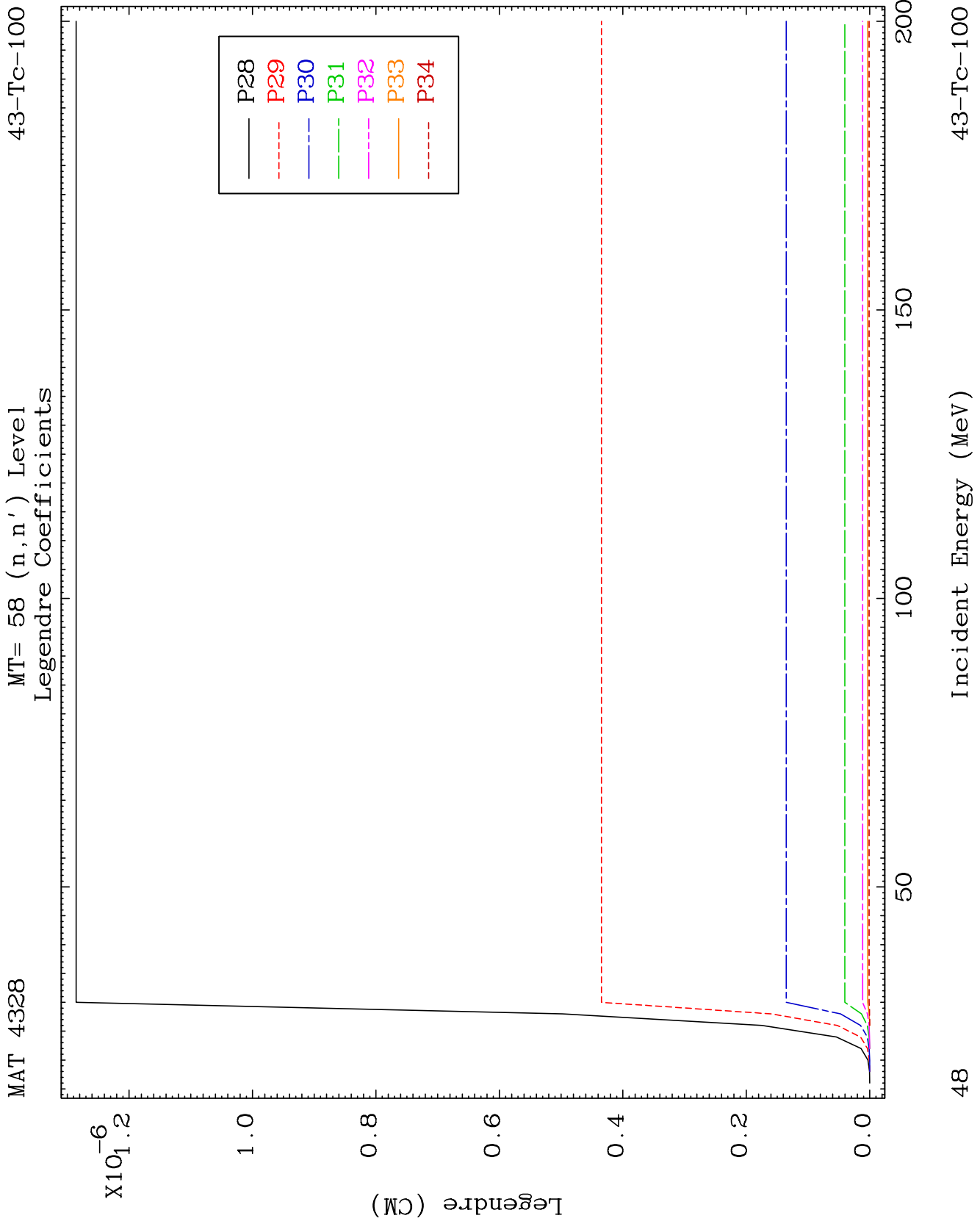
43-Tc-100



47

Incident Energy (MeV)

43-Tc-100



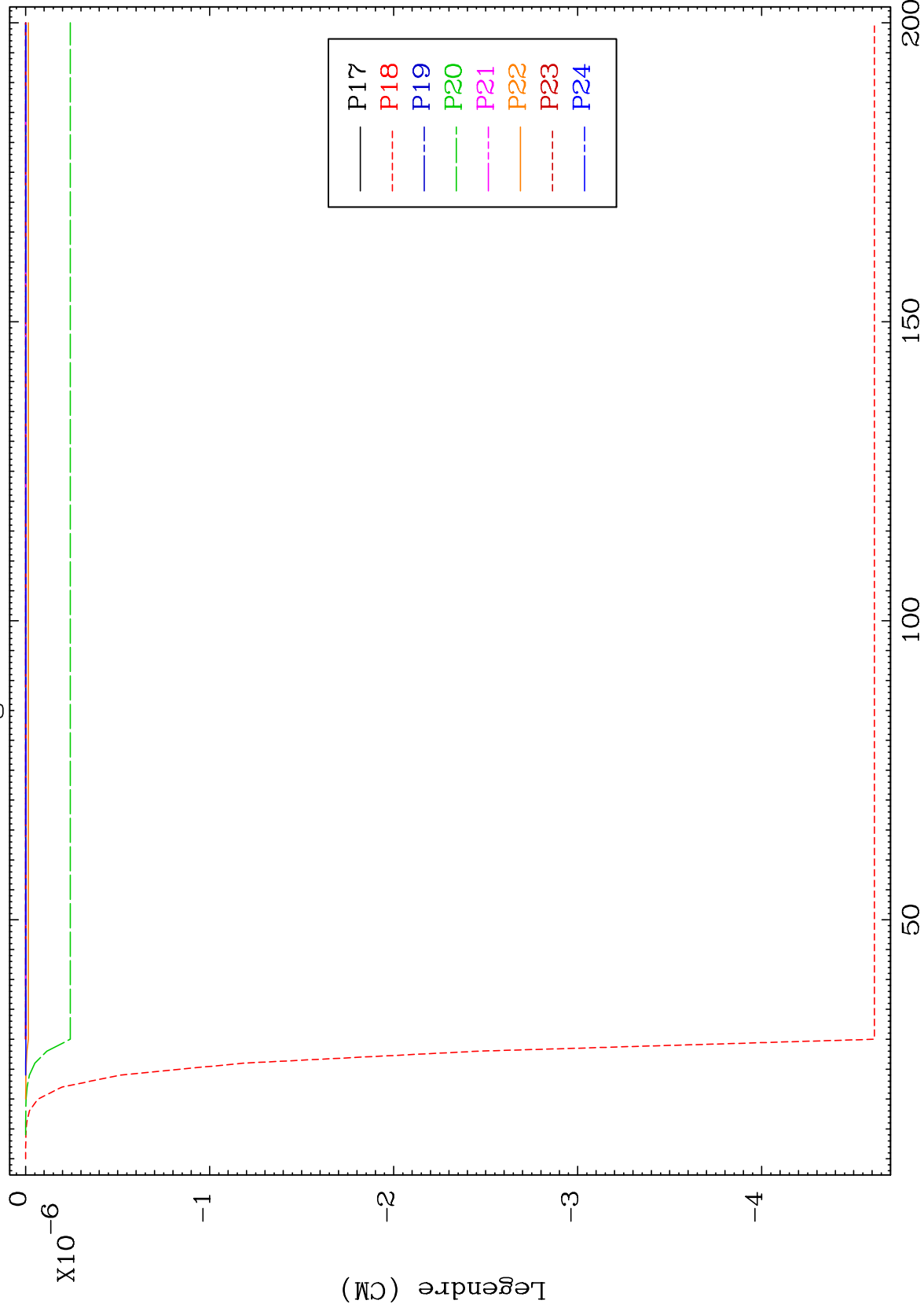


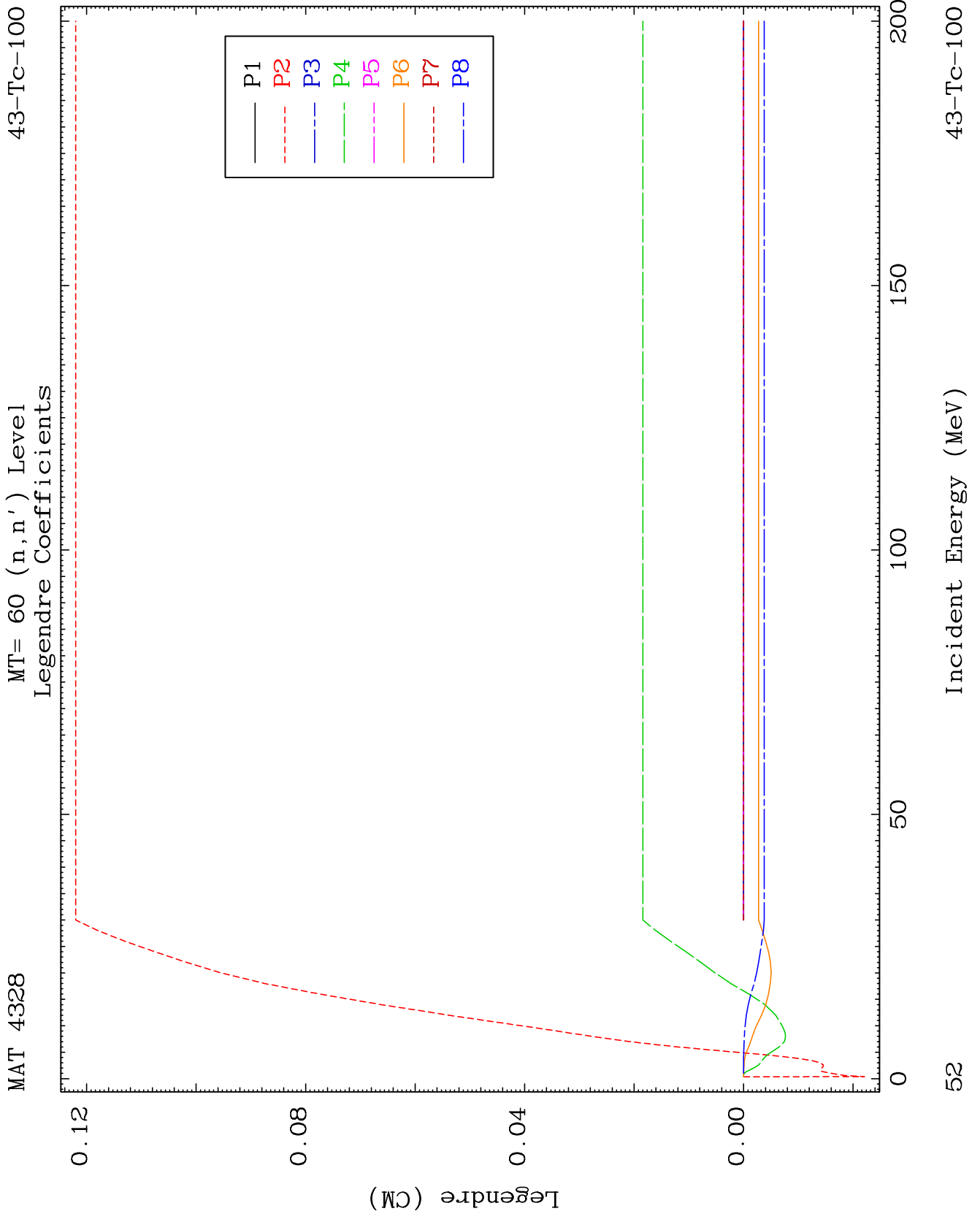


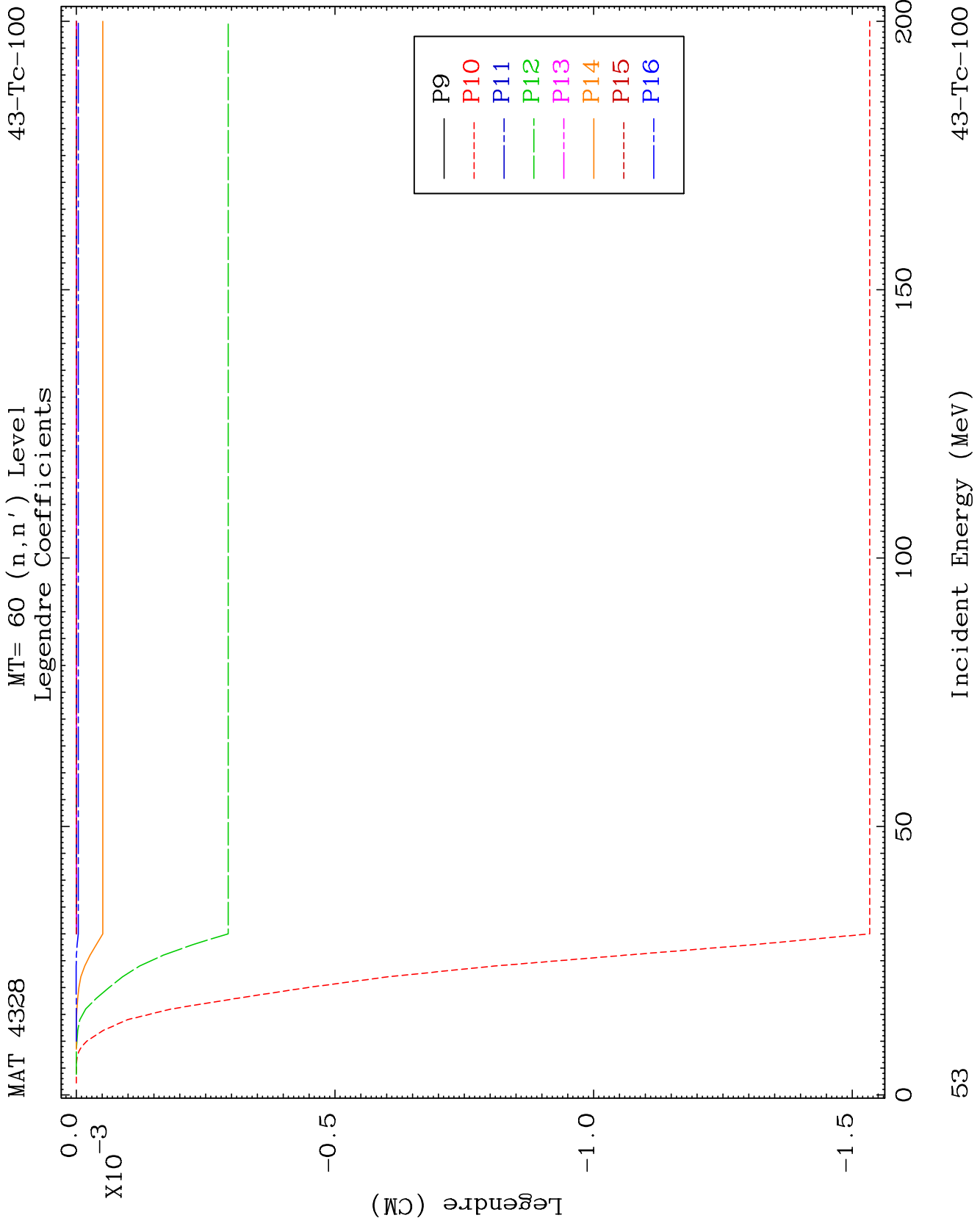
MAT 4328

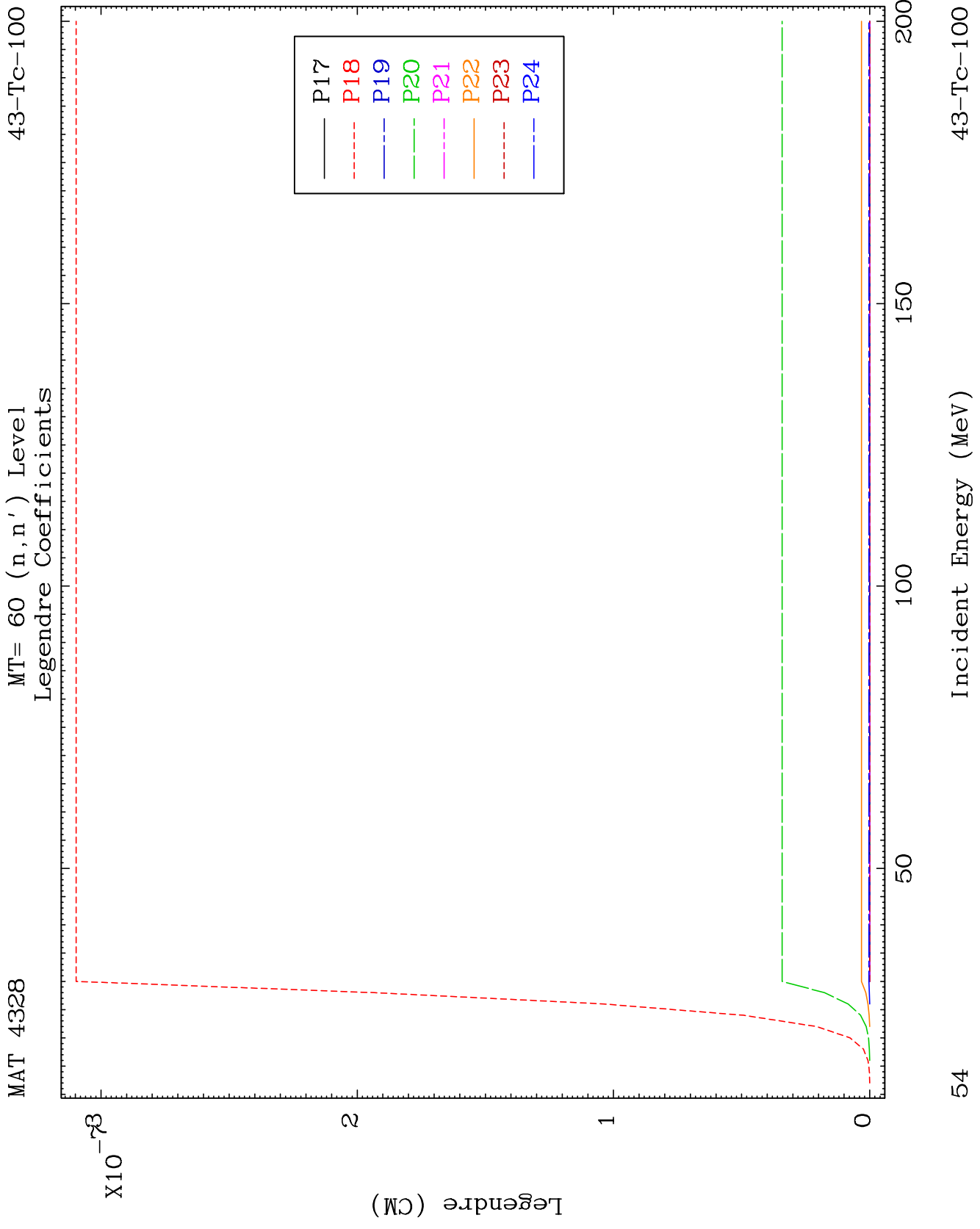
MT= 59 (n,n') Level  
Legendre Coefficients

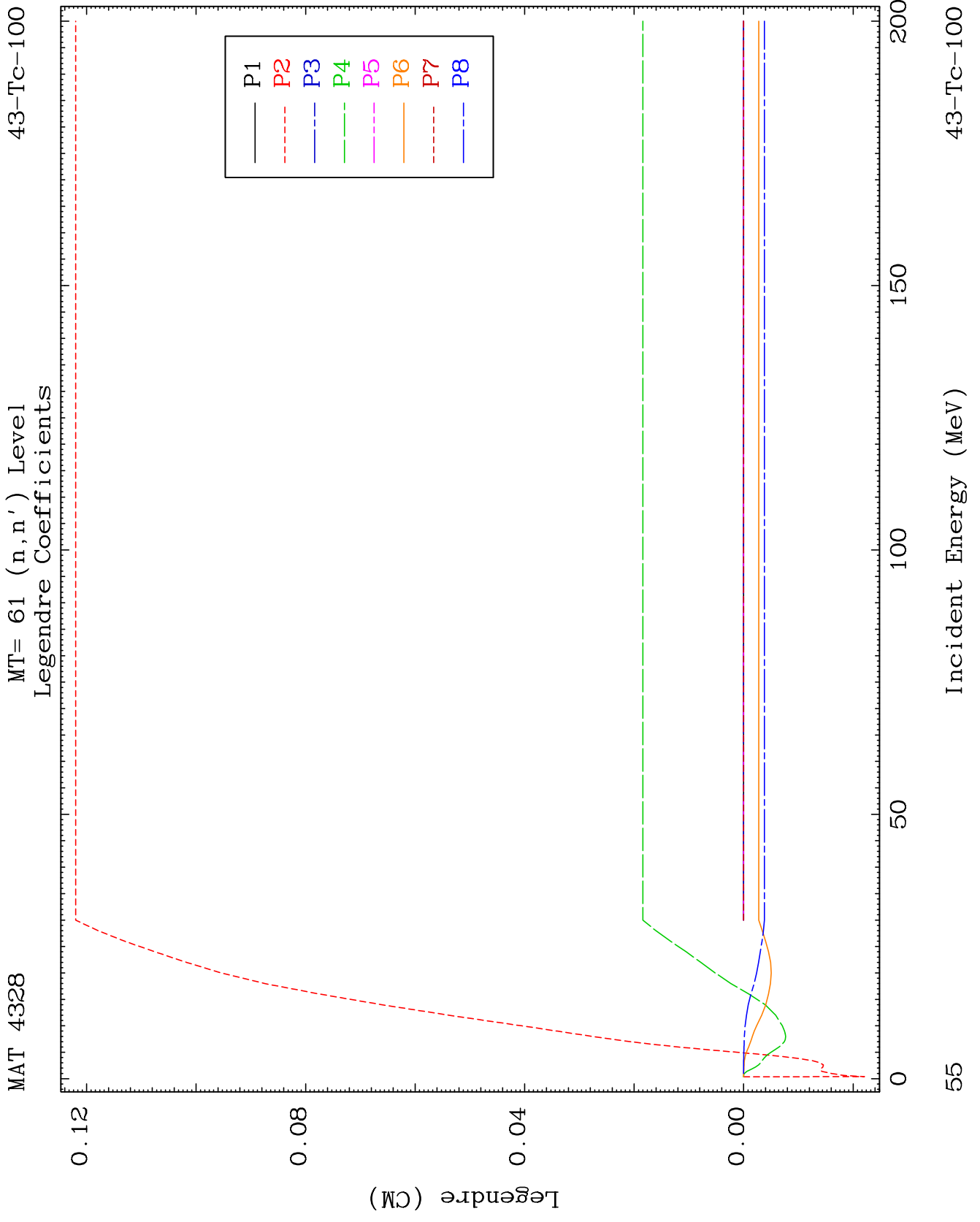
43-Tc-100

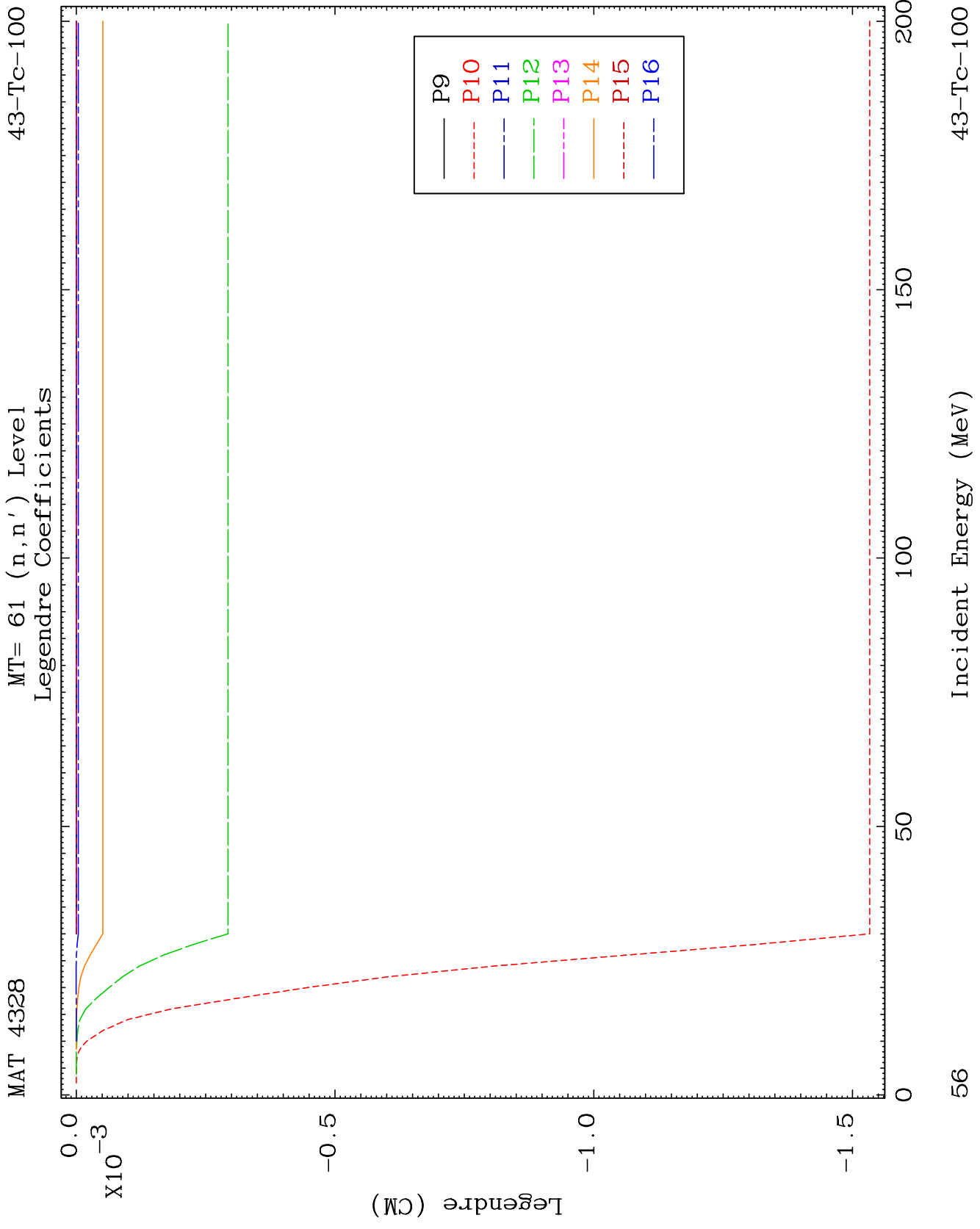


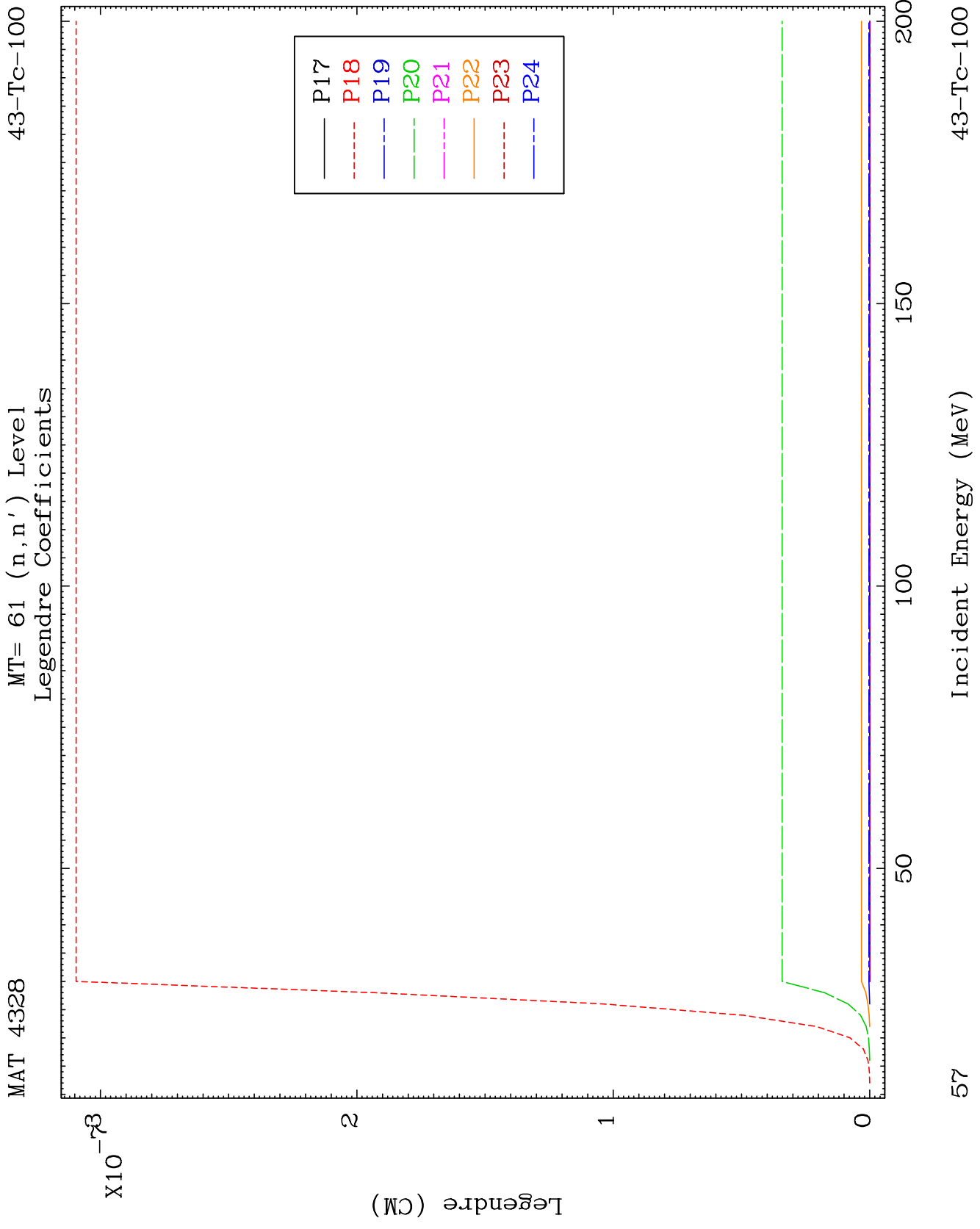


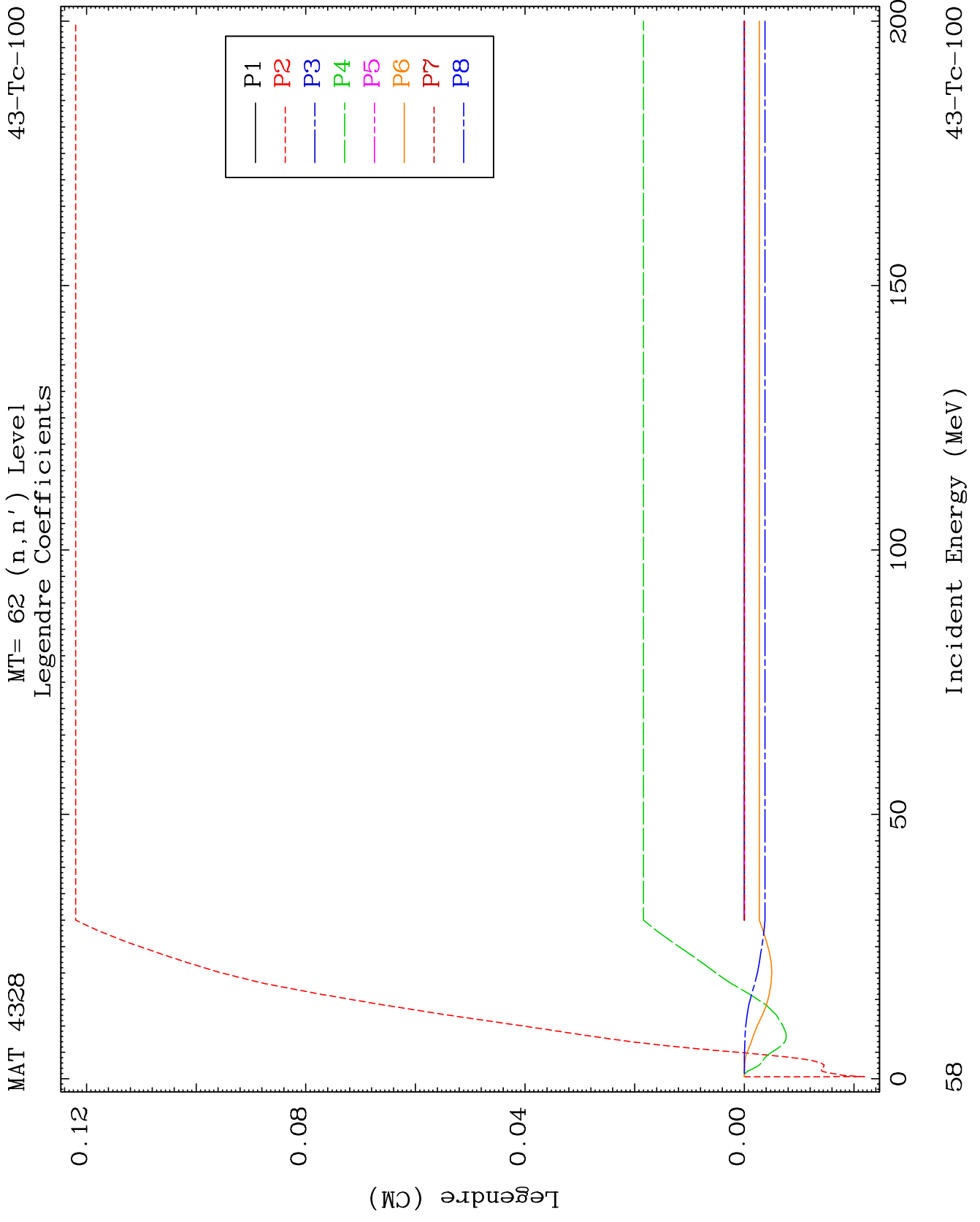


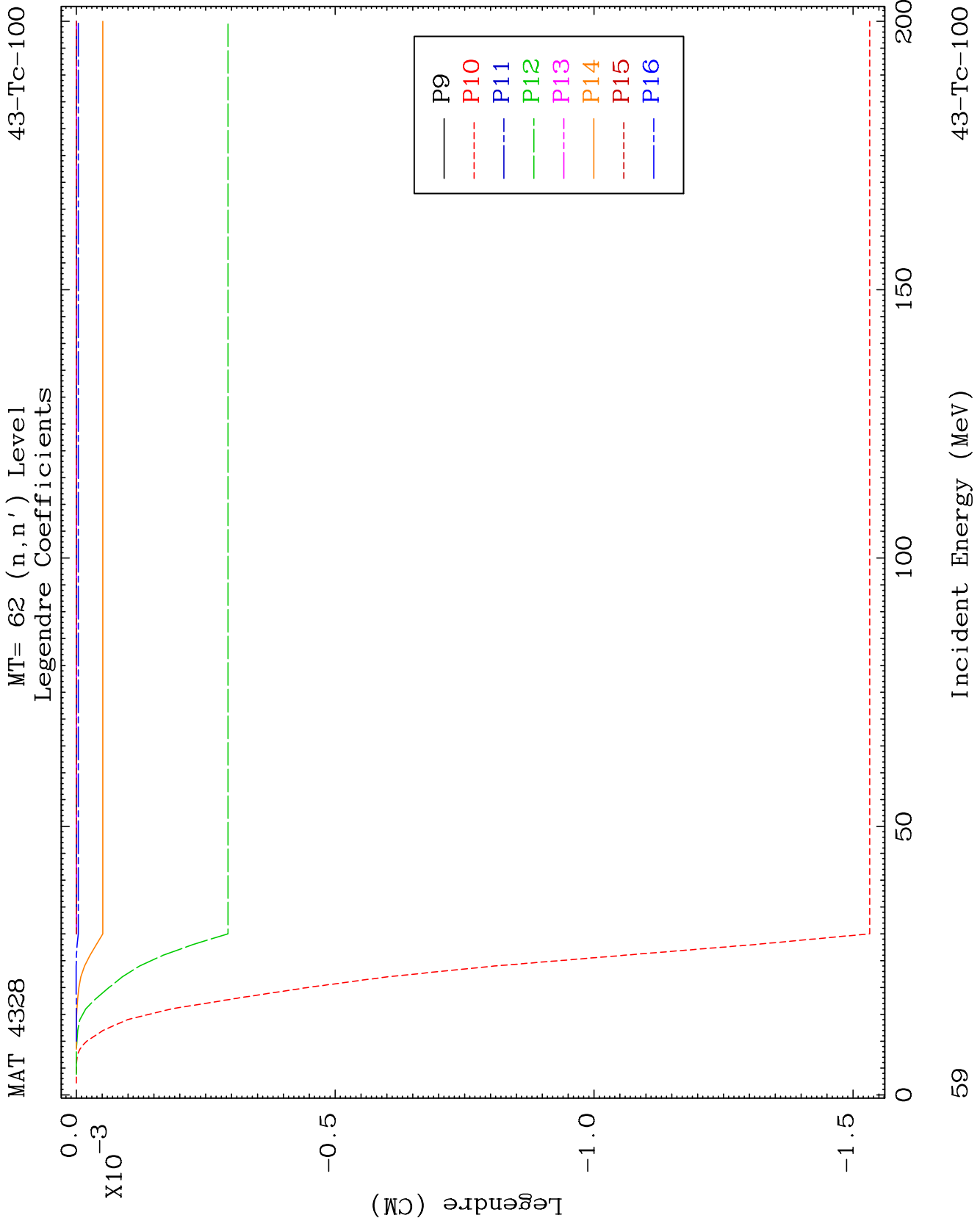


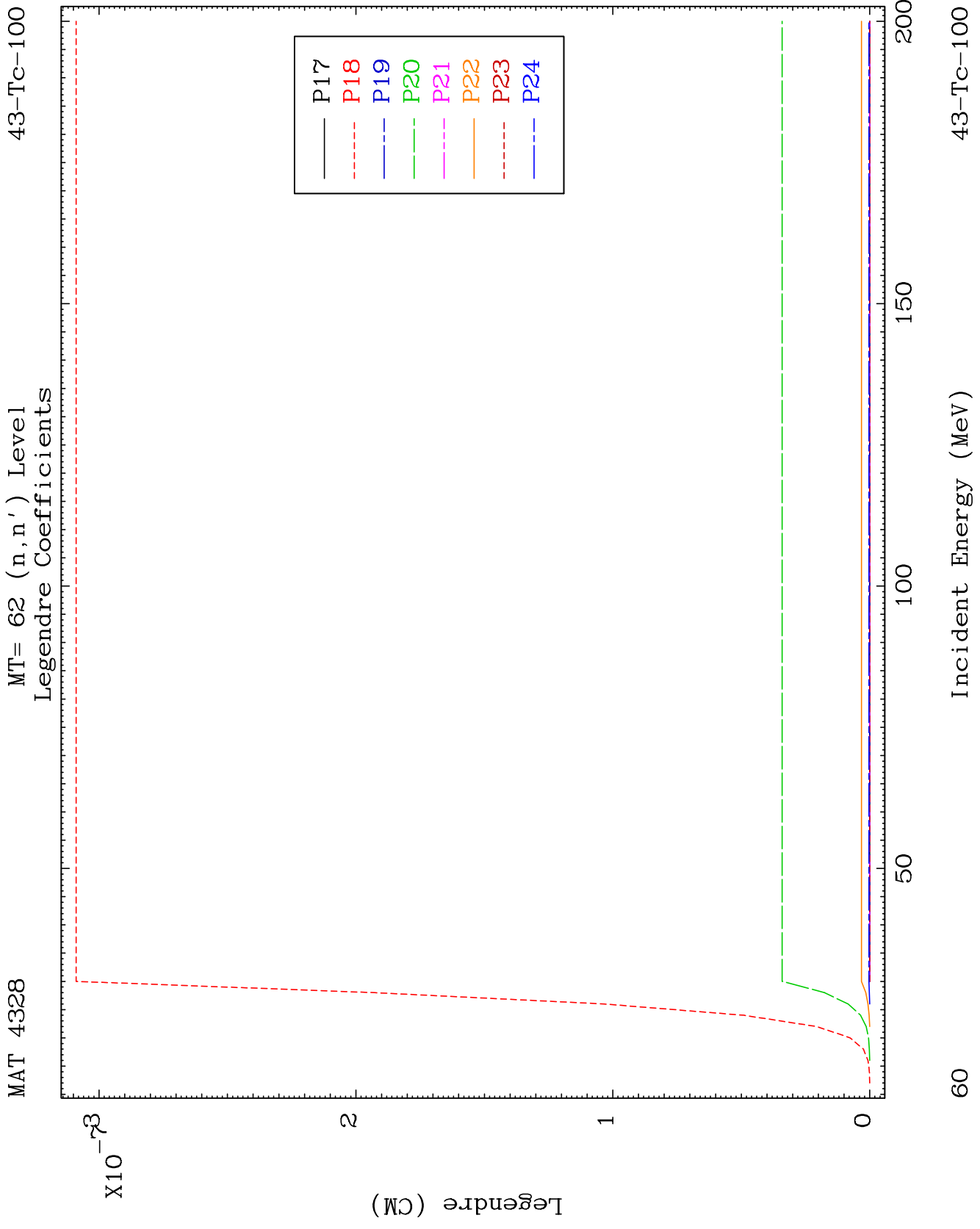


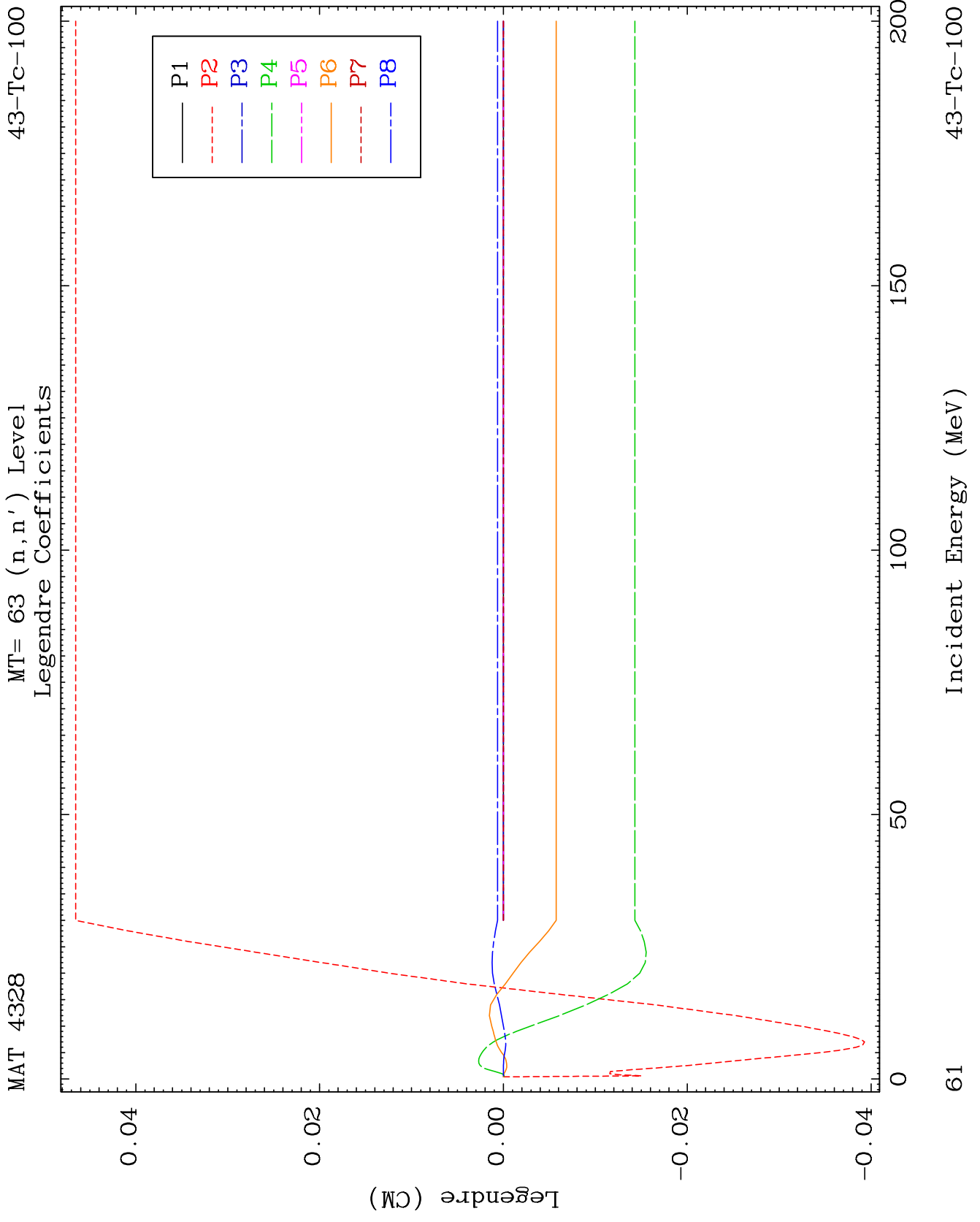


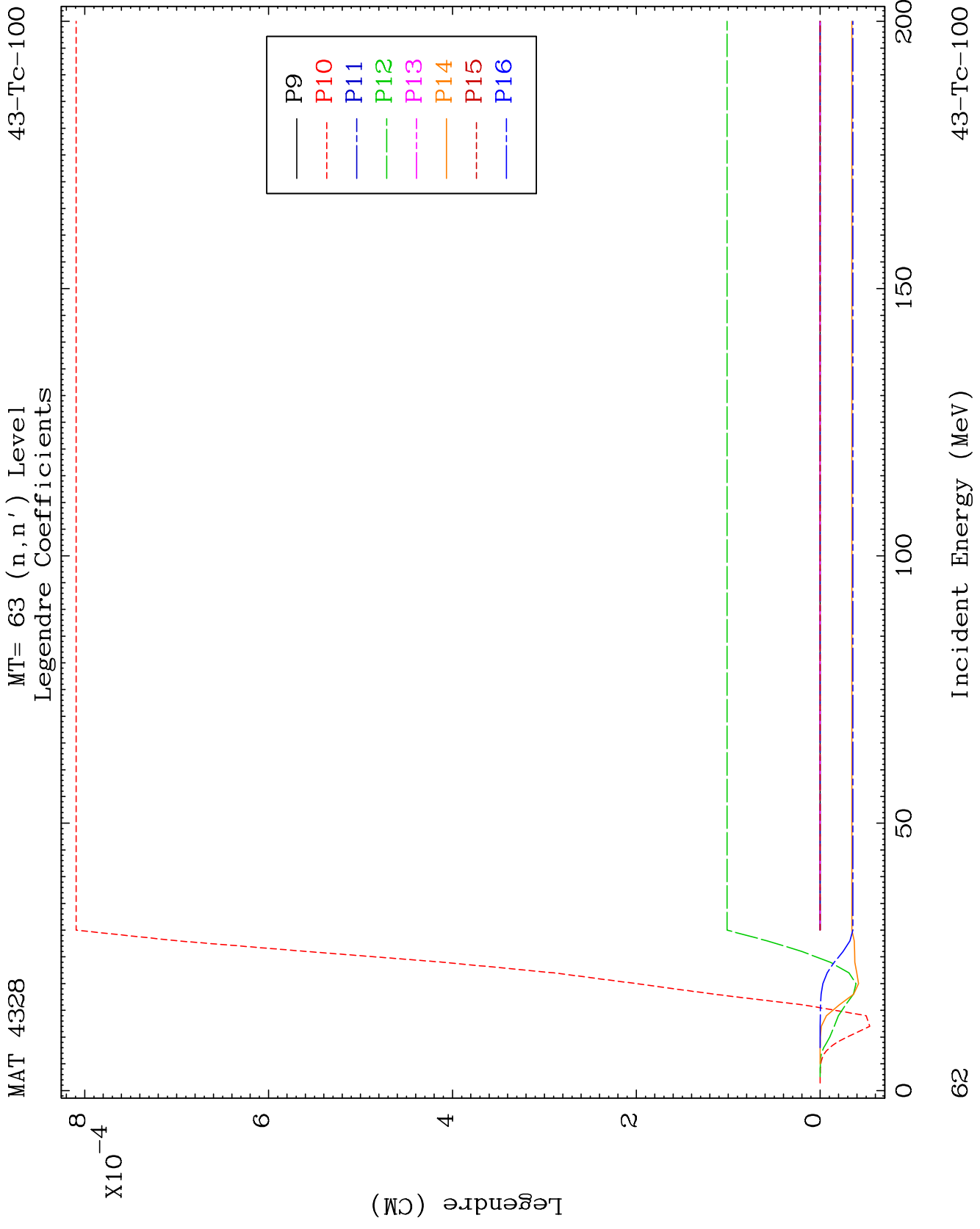


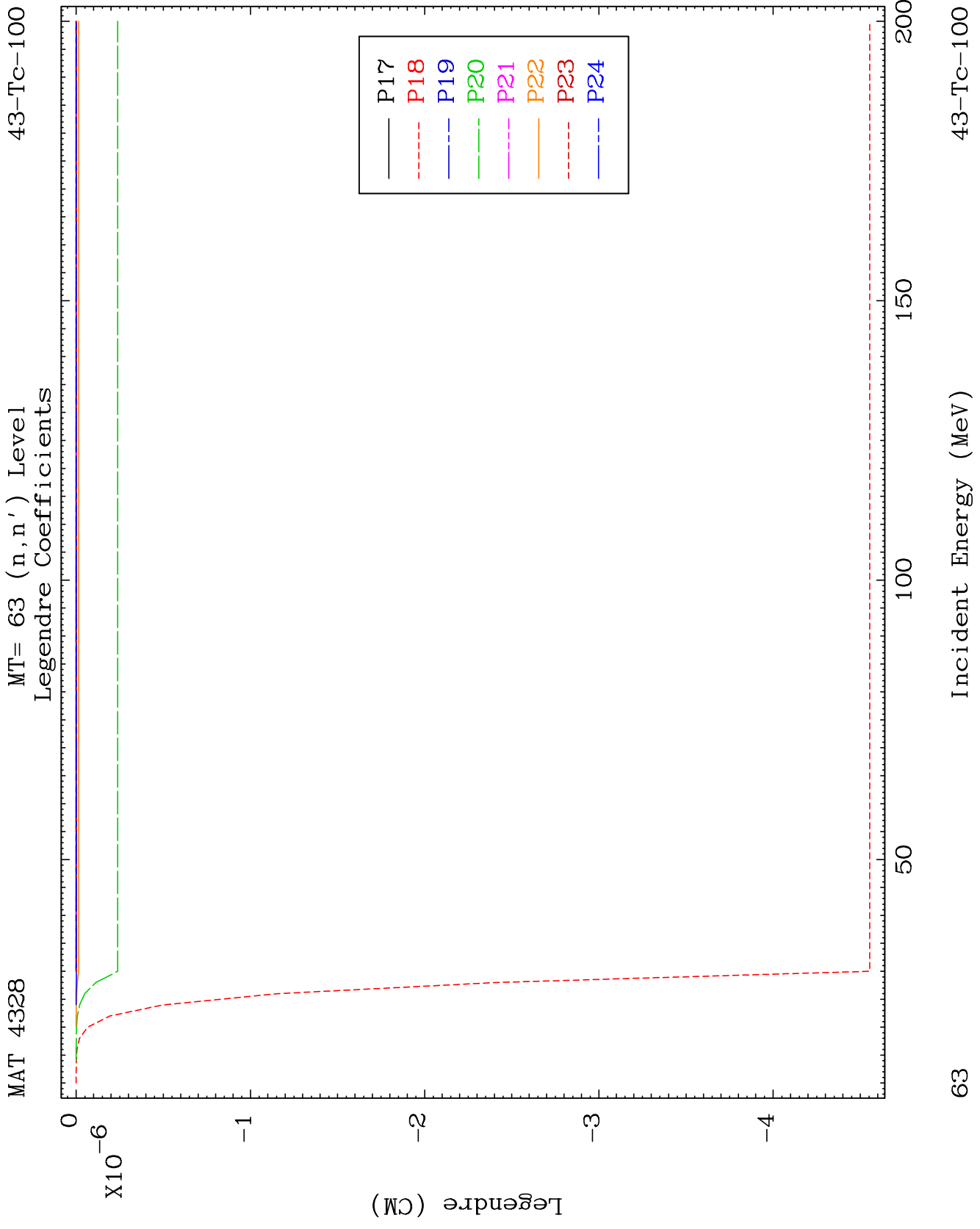




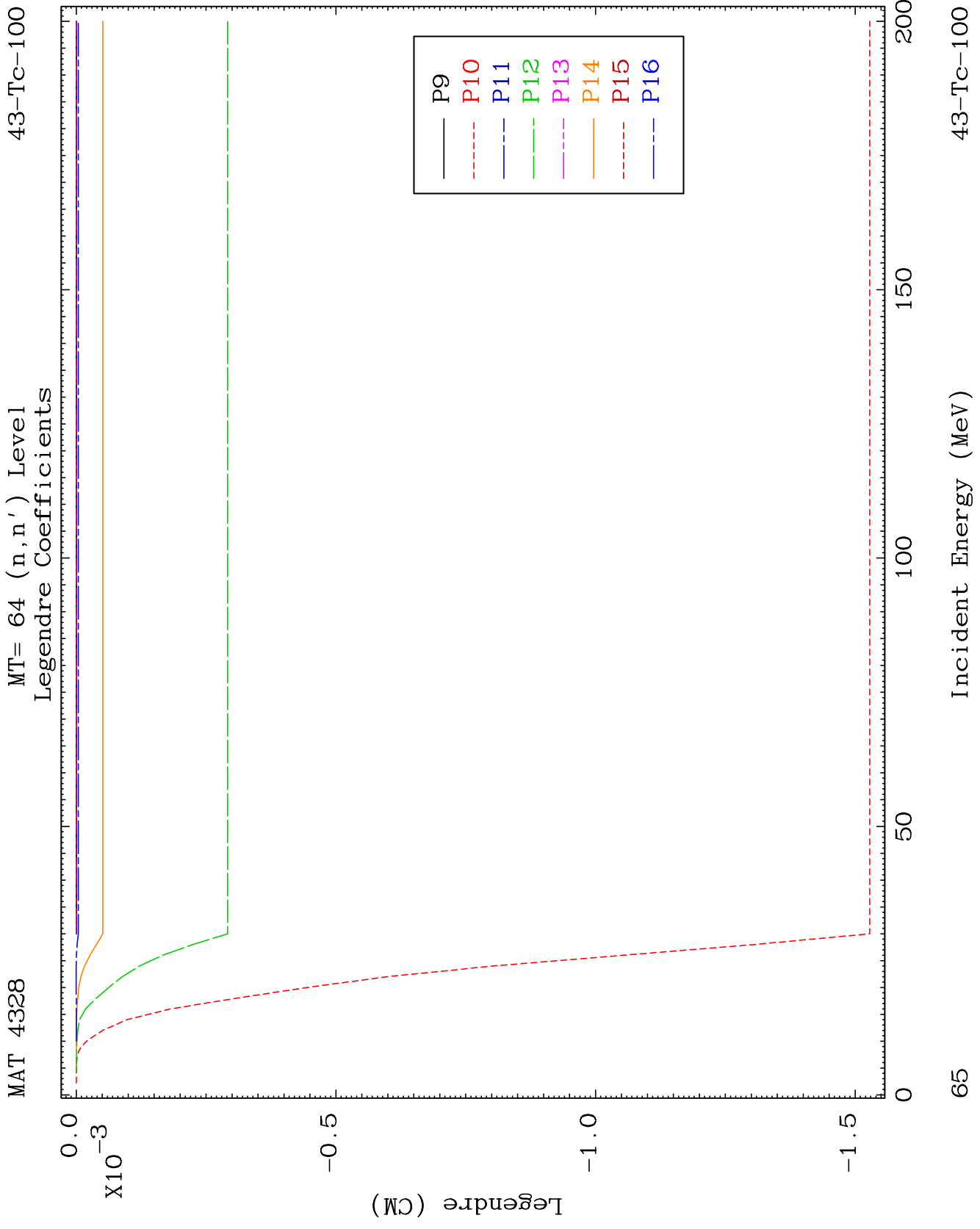


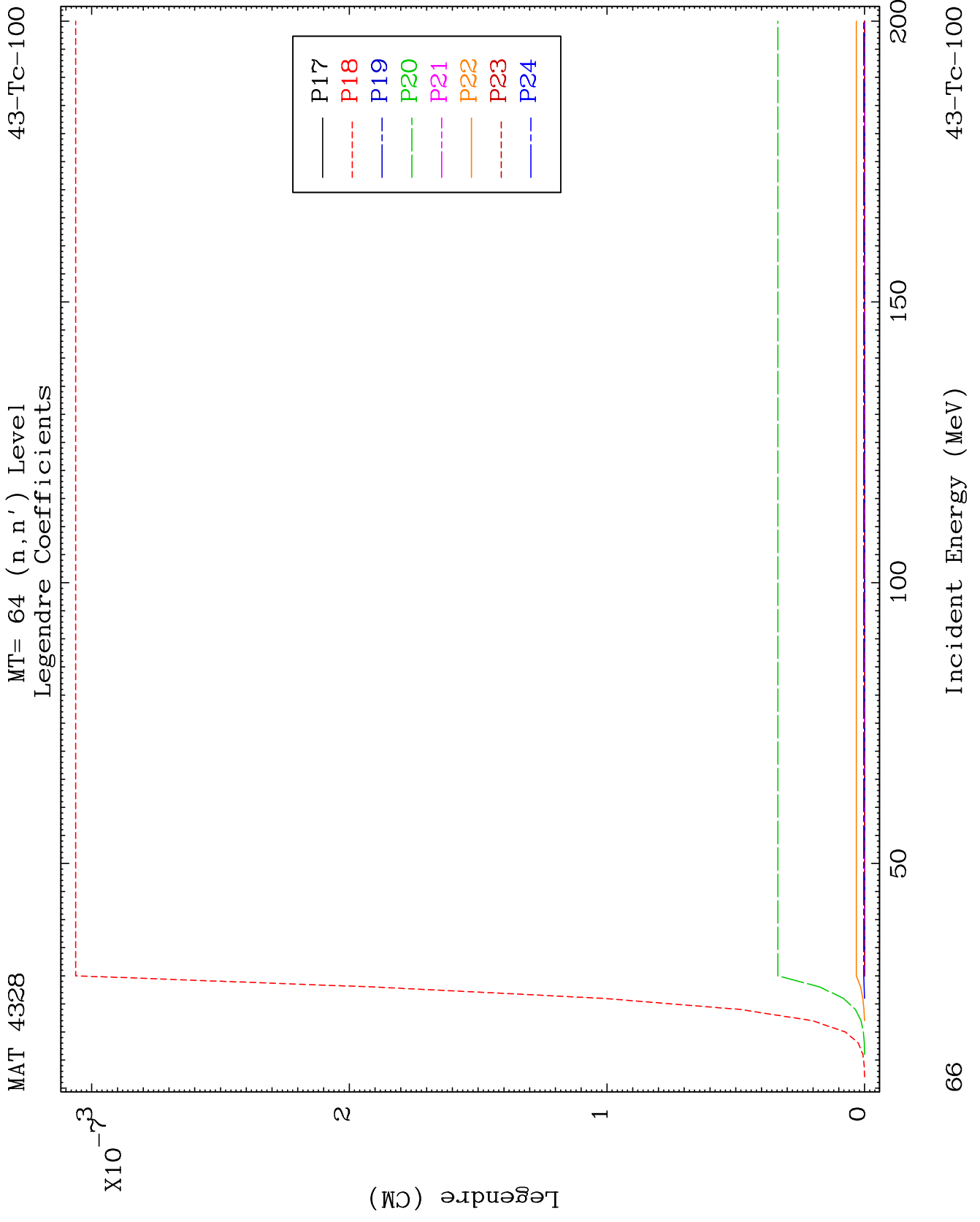












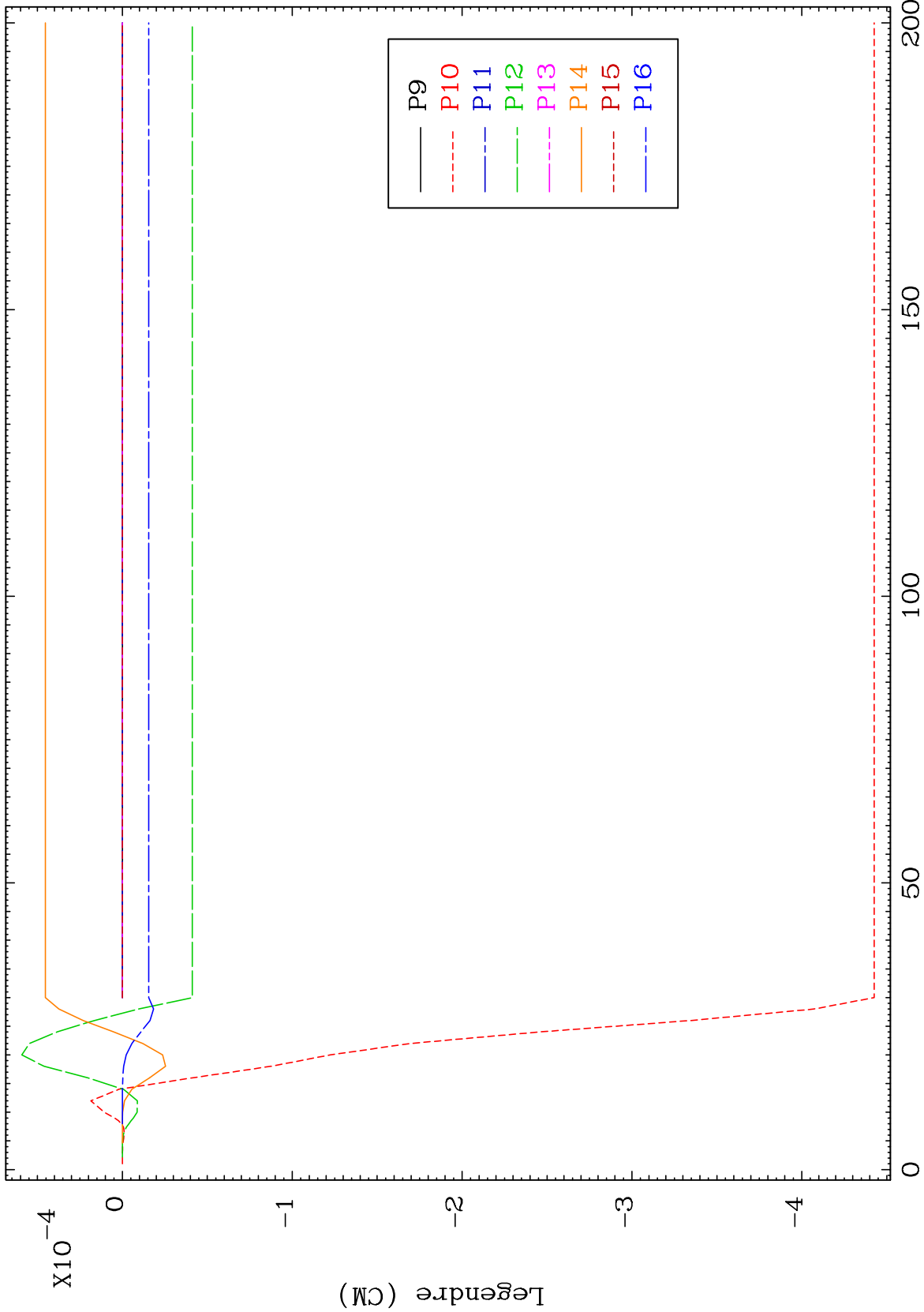


MAT 4328

MT= 65 (n,n') Level

43-Tc-100

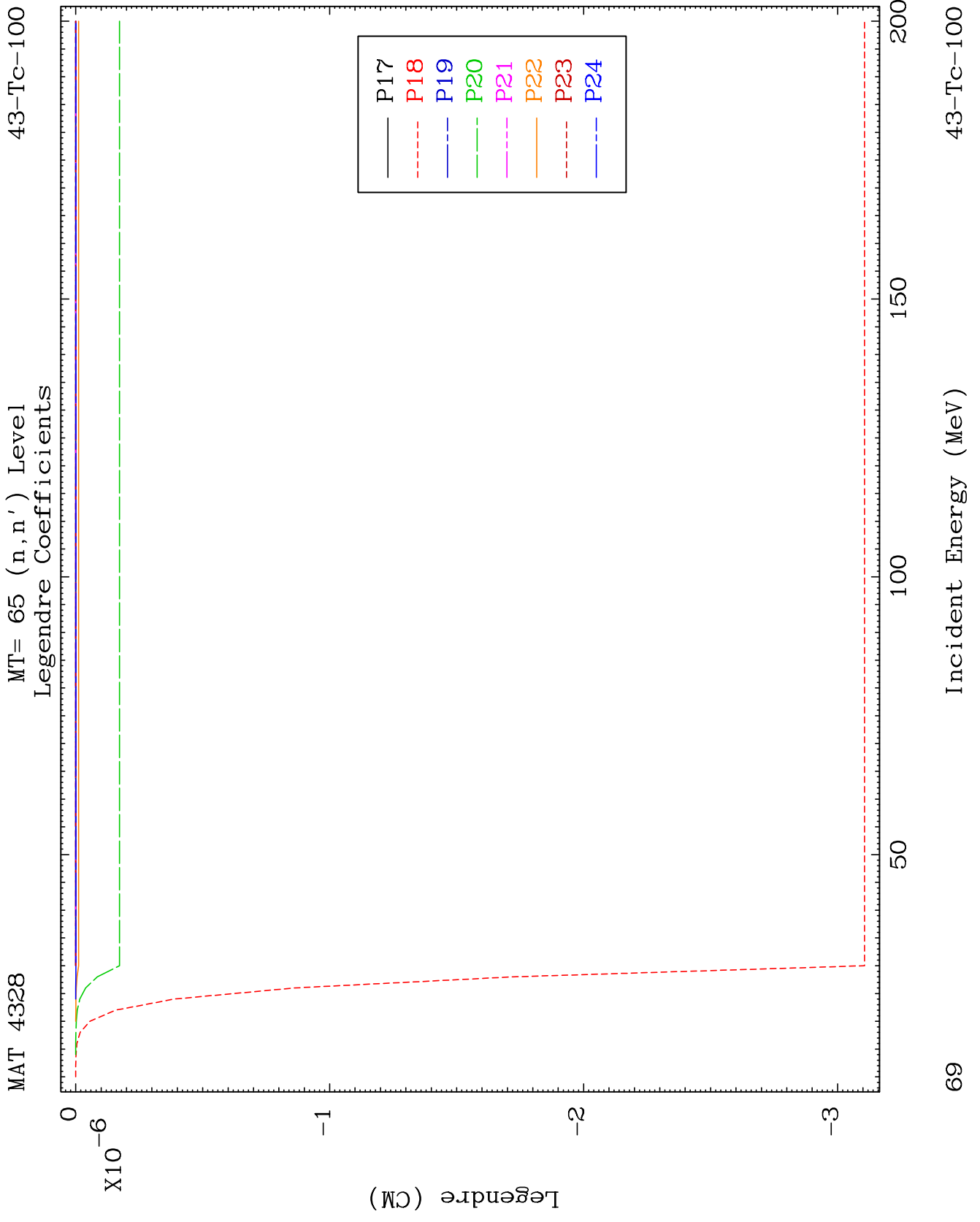
Legendre Coefficients



68

Incident Energy (MeV)

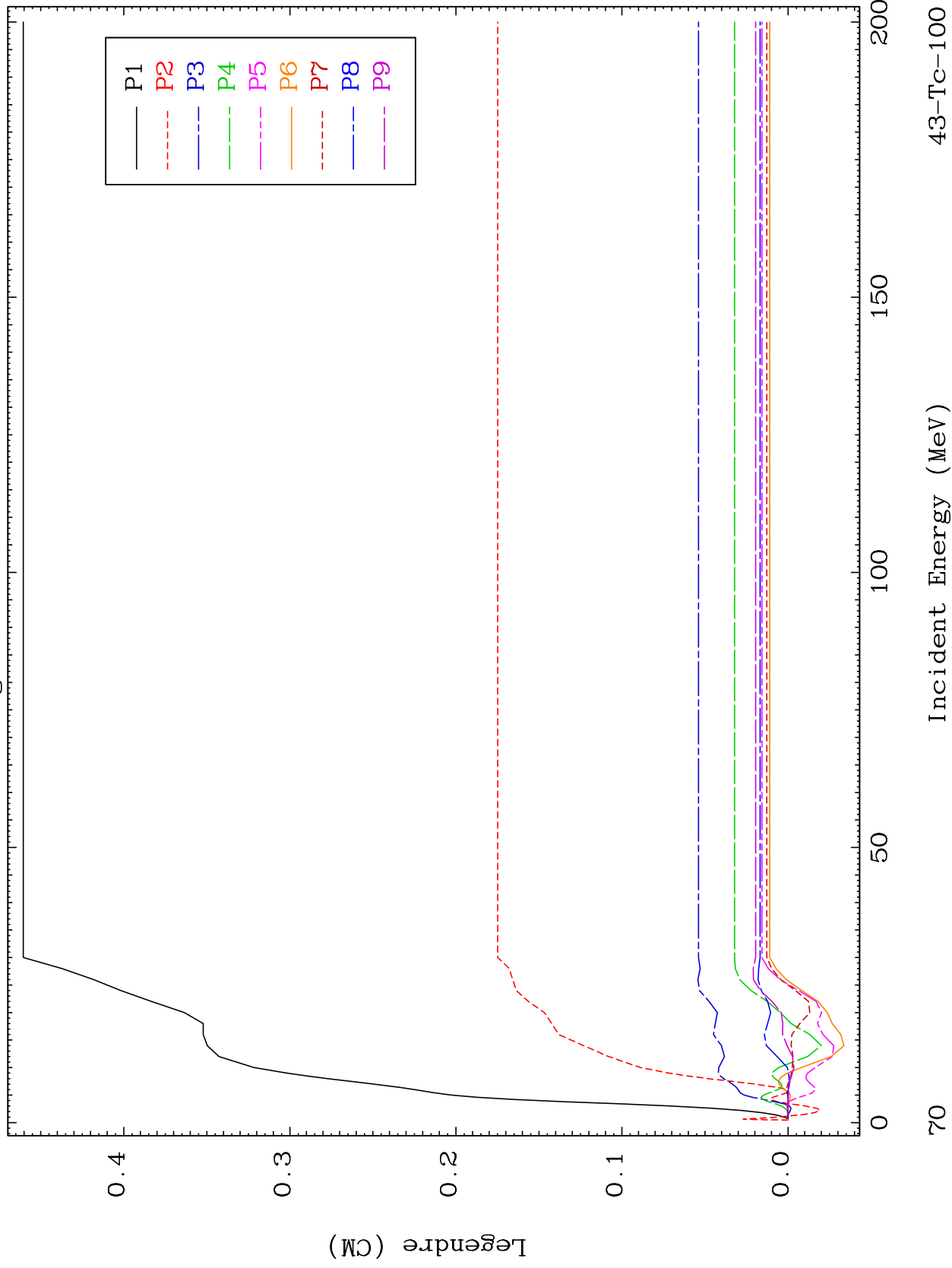
43-Tc-100



MAT 4328

MT= 66 (n,n') Level  
Legendre Coefficients

43-Tc-100



70

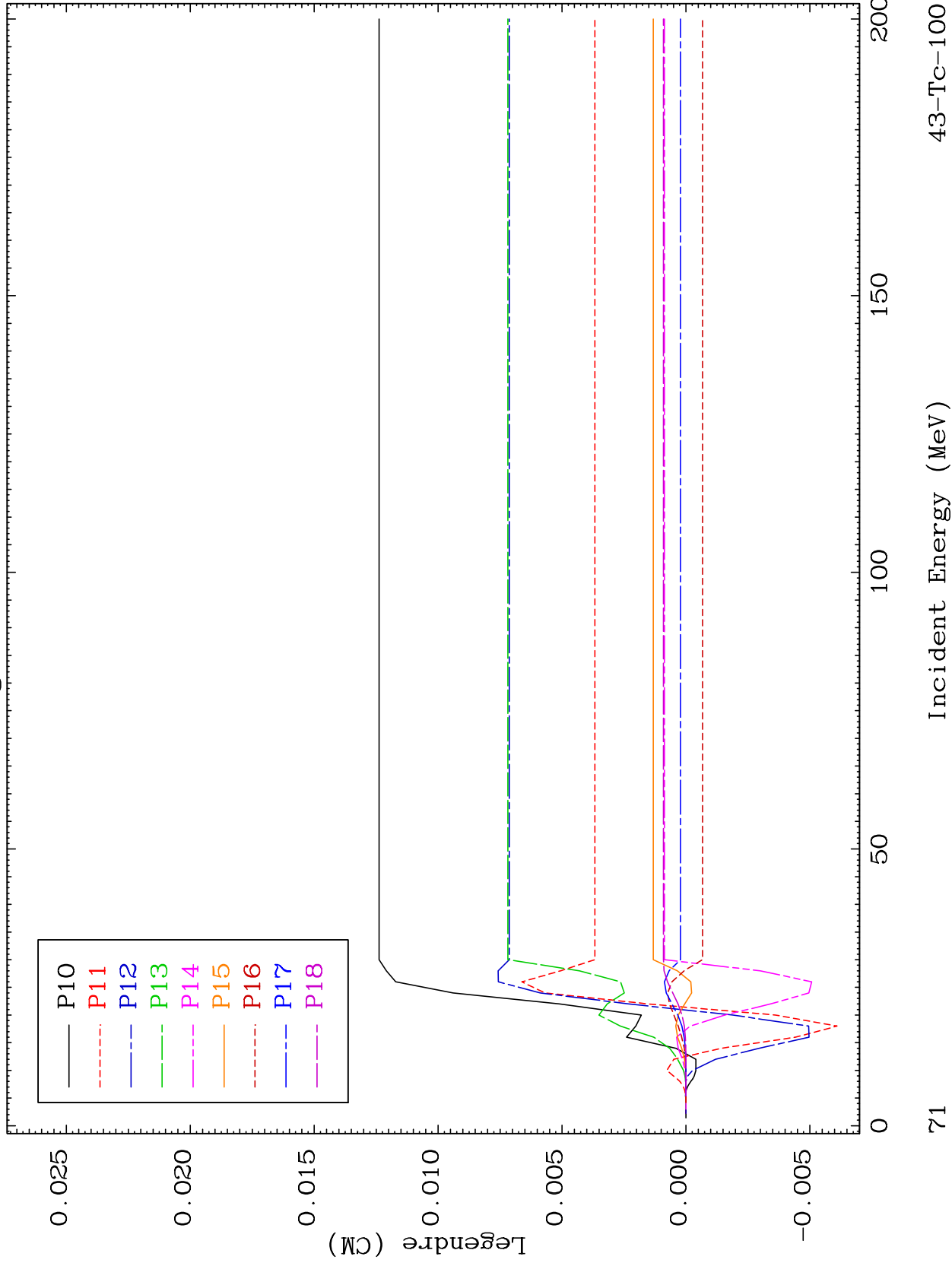
Incident Energy (MeV)

43-Tc-100

MAT 4328

MT= 66 (n,n') Level  
Legendre Coefficients

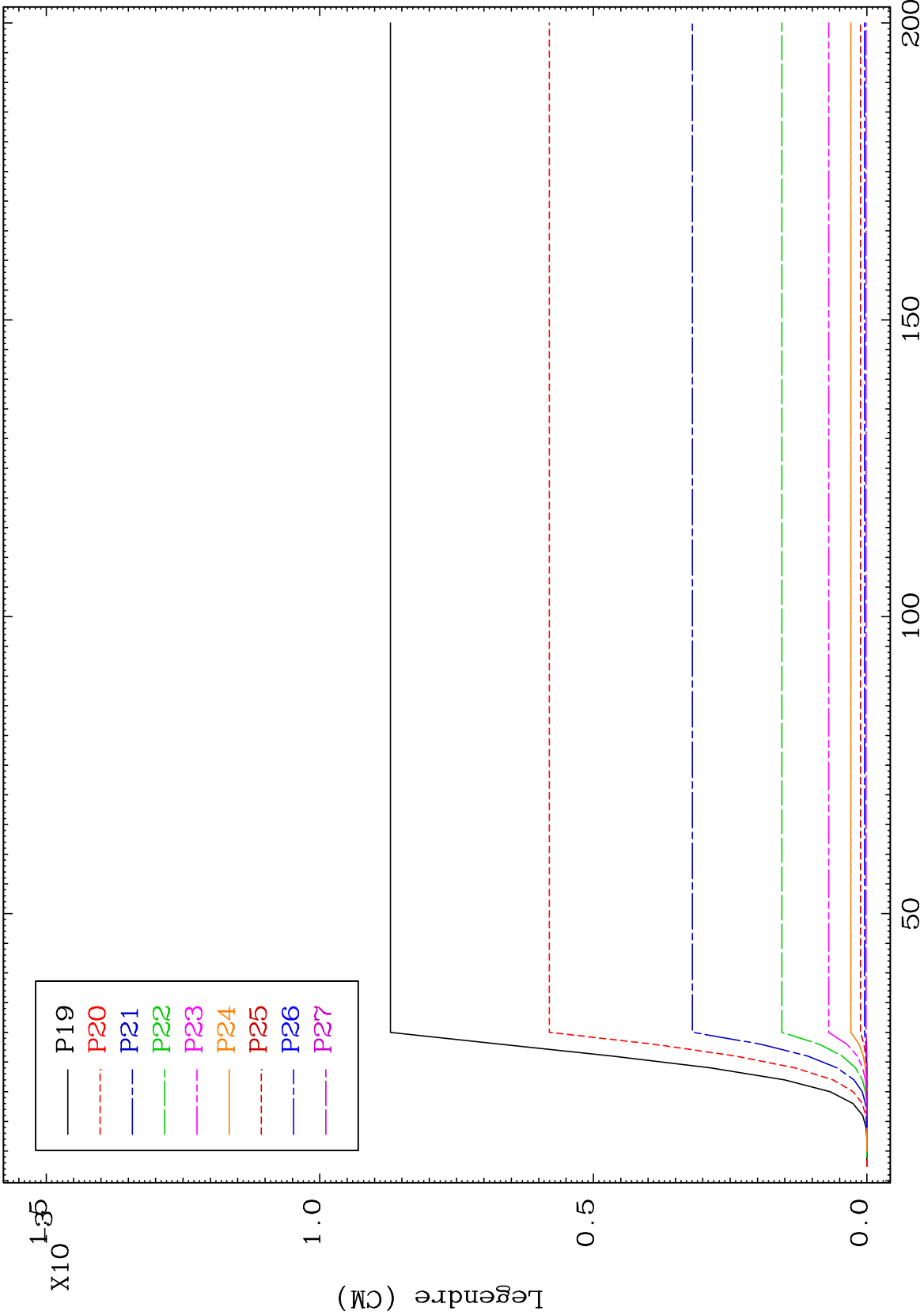
43-Tc-100



MAT 4328

MT= 66 (n,n') Level  
Legendre Coefficients

43-Tc-100



72

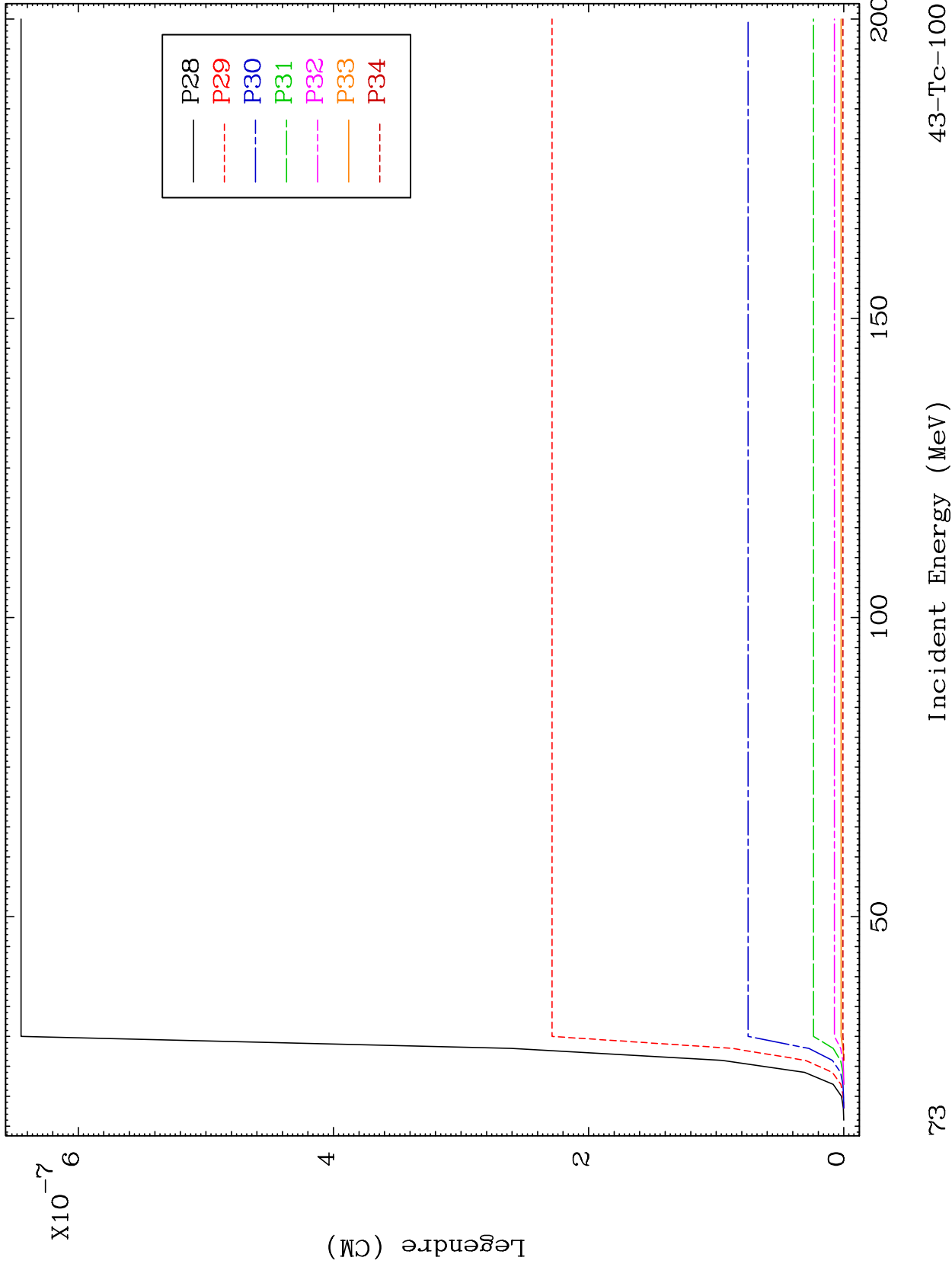
Incident Energy (MeV)

43-Tc-100

MAT 4328

MT= 66 (n,n') Level  
Legendre Coefficients

43-Tc-100

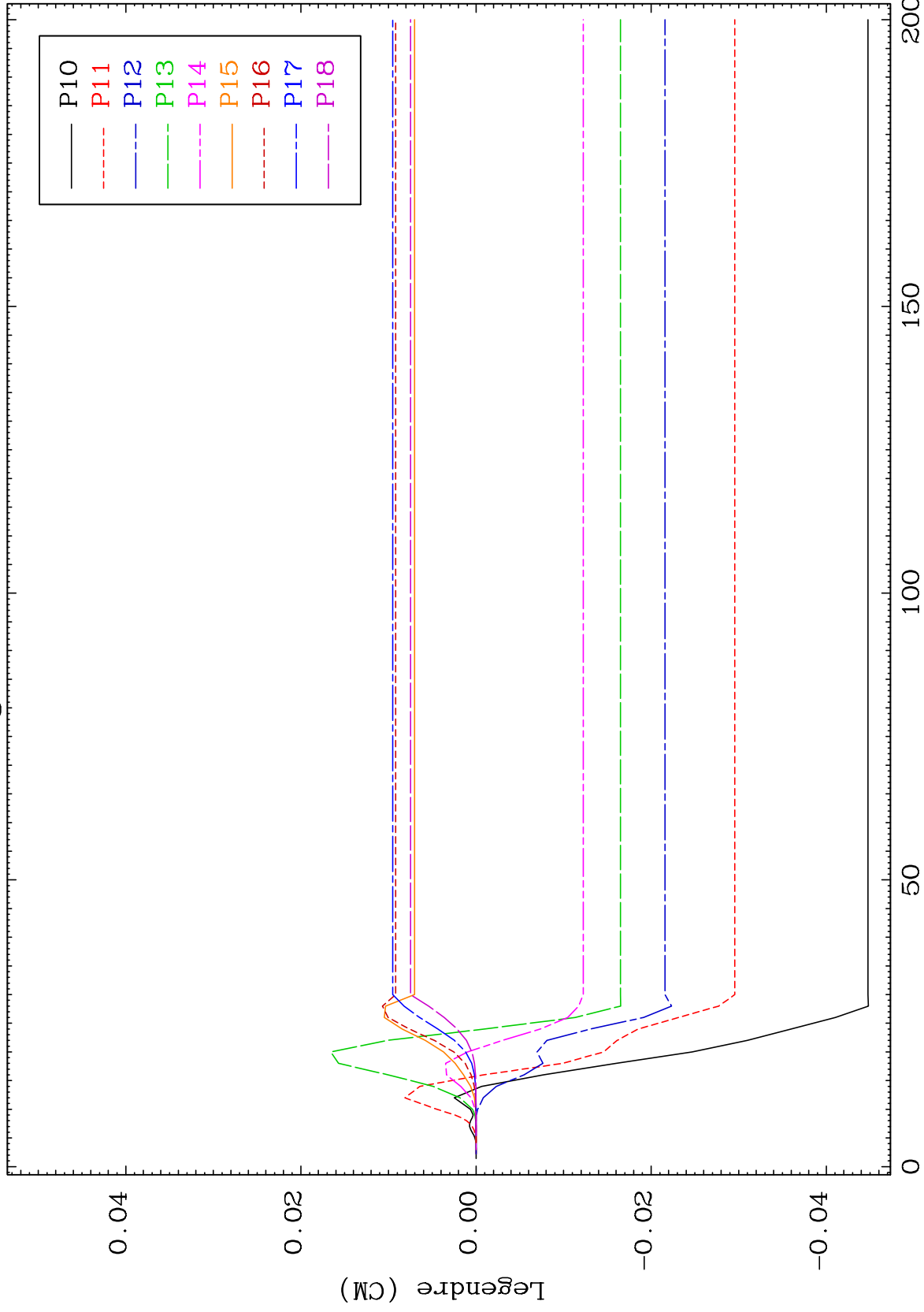




MAT 4328

MT= 67 (n,n') Level  
Legendre Coefficients

43-Tc-100



75

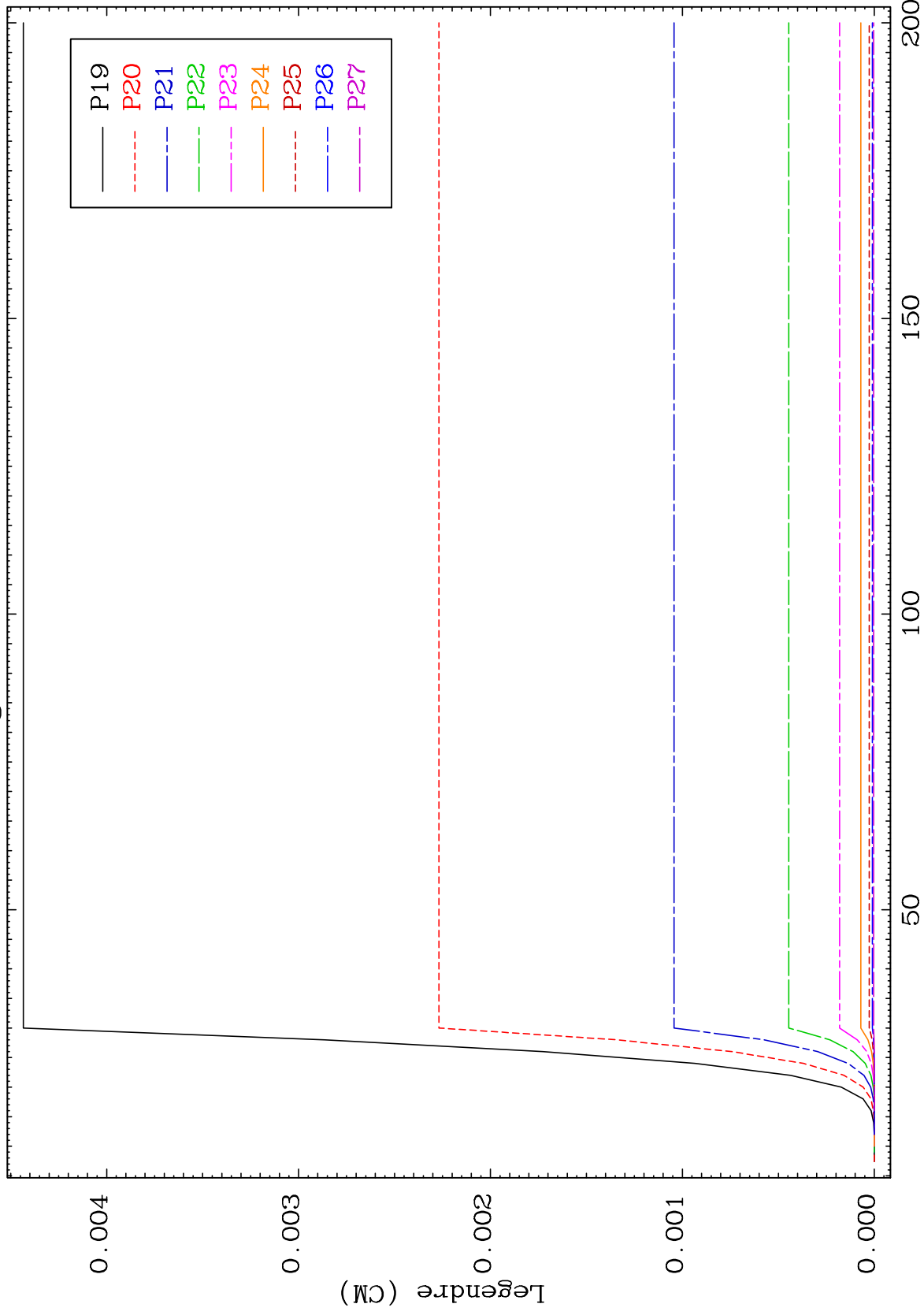
Incident Energy (MeV)

43-Tc-100

MAT 4328

MT= 67 (n,n') Level  
Legendre Coefficients

43-Tc-100



76

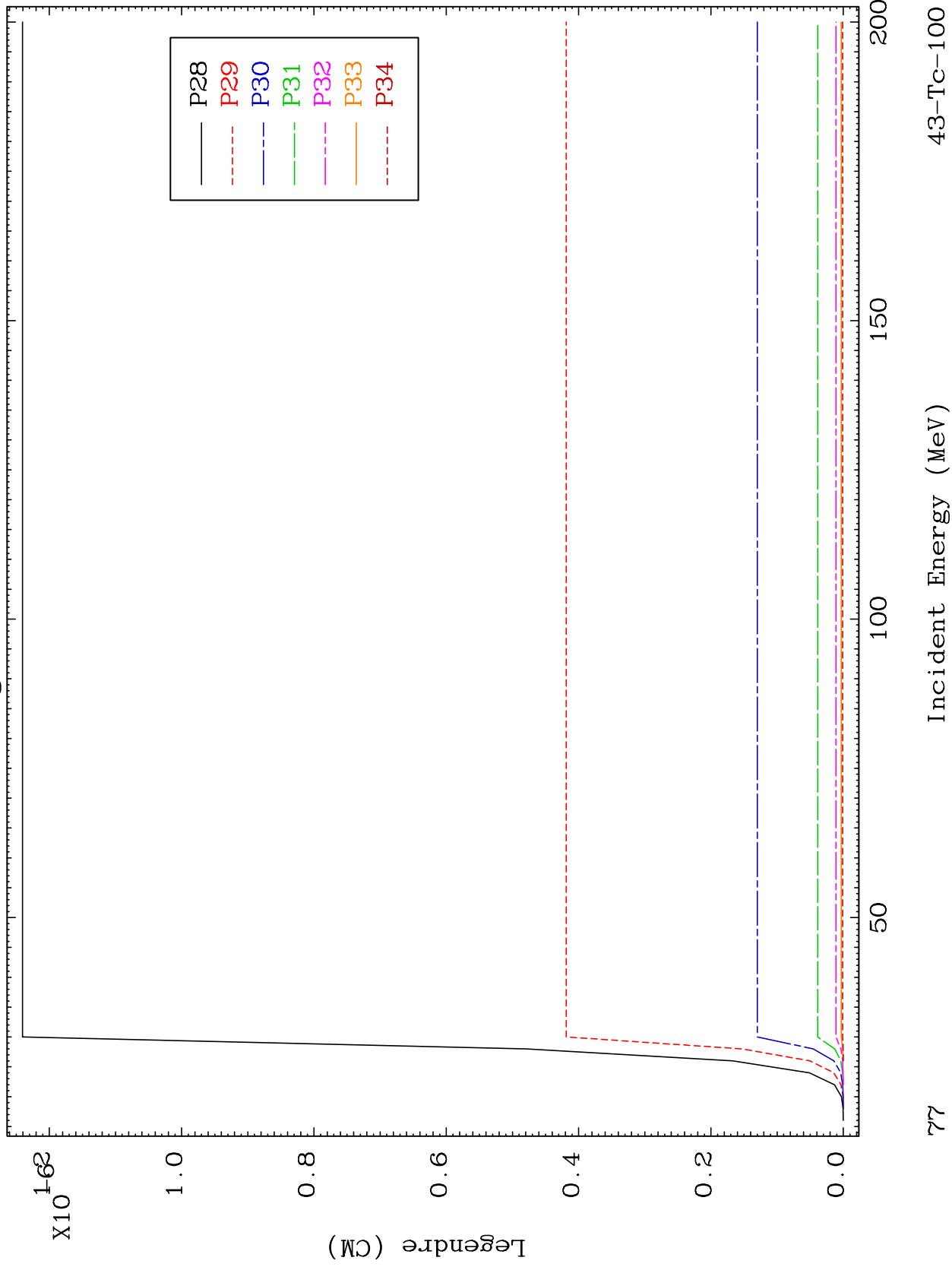
Incident Energy (MeV)

43-Tc-100

MAT 4328

MT= 67 (n,n') Level  
Legendre Coefficients

43-Tc-100

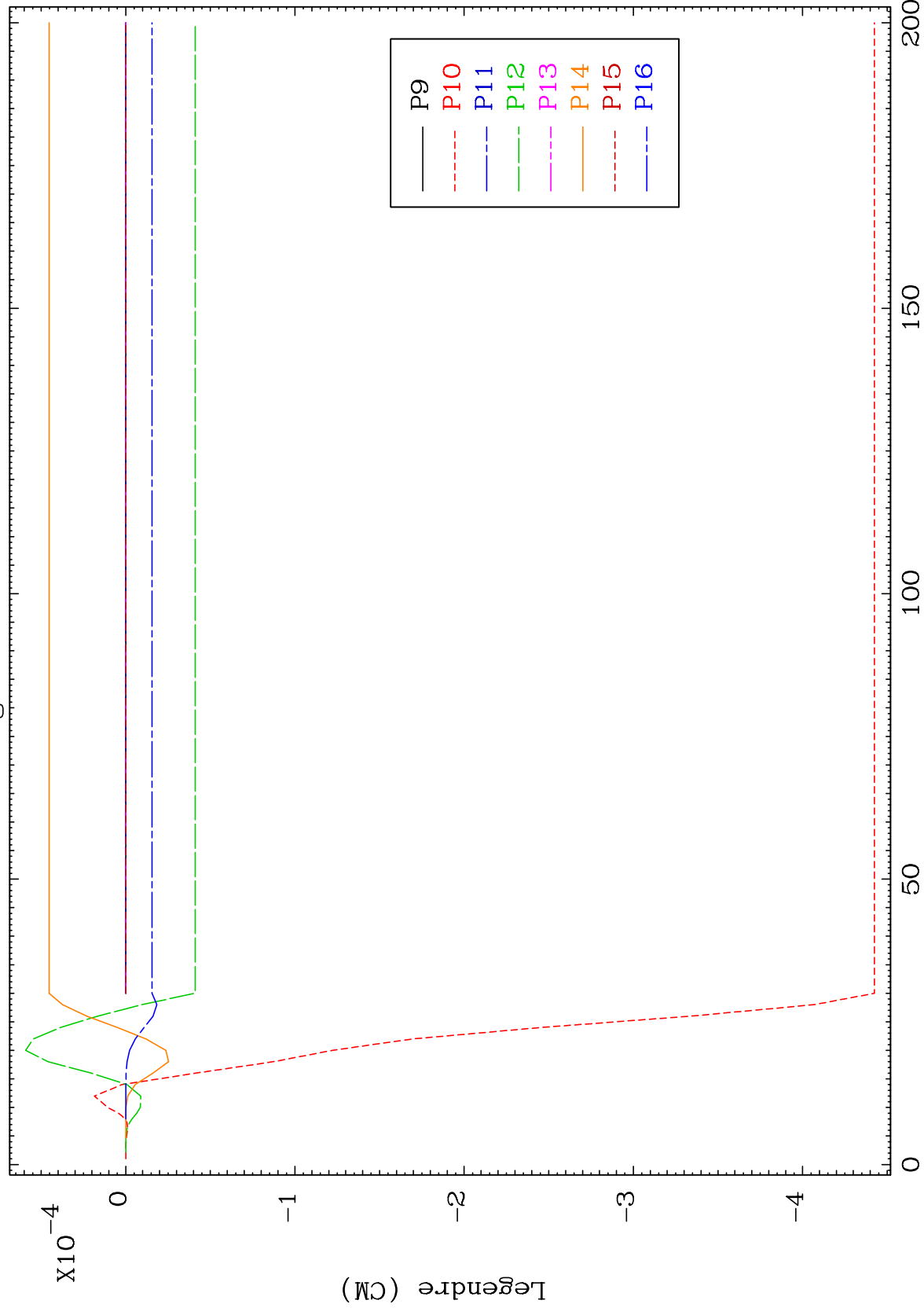




MAT 4328

MT= 68 (n,n') Level  
Legendre Coefficients

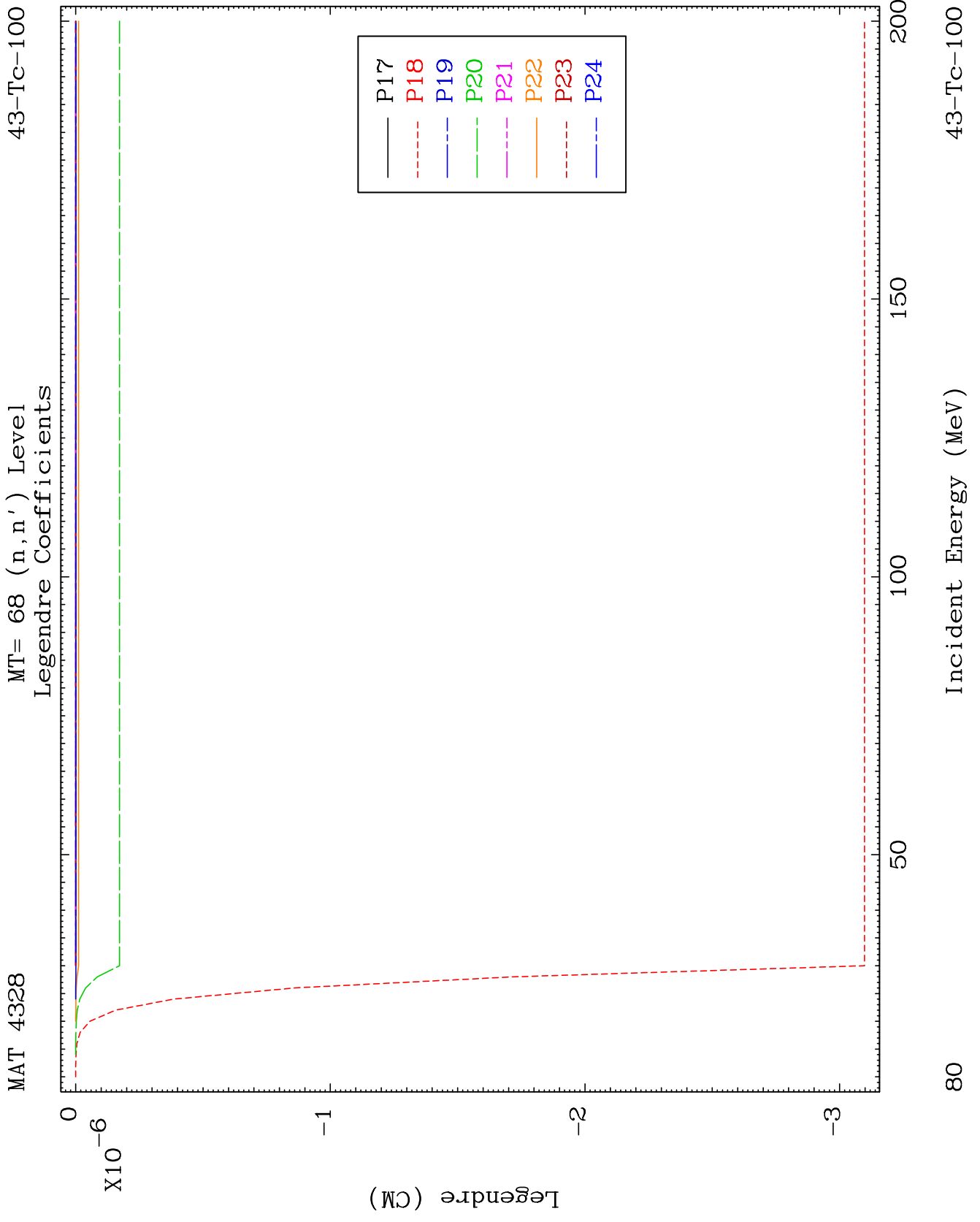
43-Tc-100



79

Incident Energy (MeV)

43-Tc-100

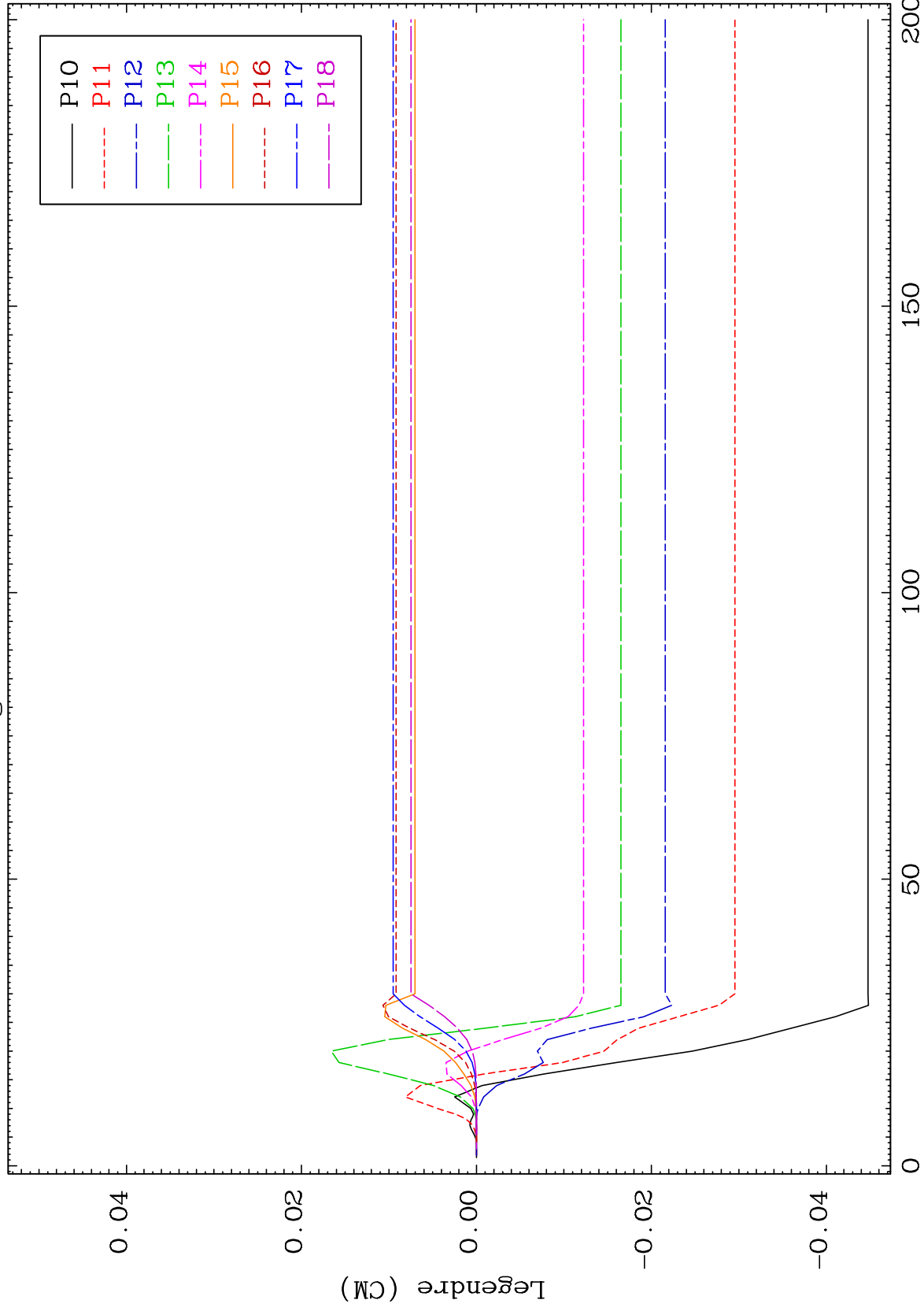




MAT 4328

MT= 69 (n,n') Level  
Legendre Coefficients

43-Tc-100



82

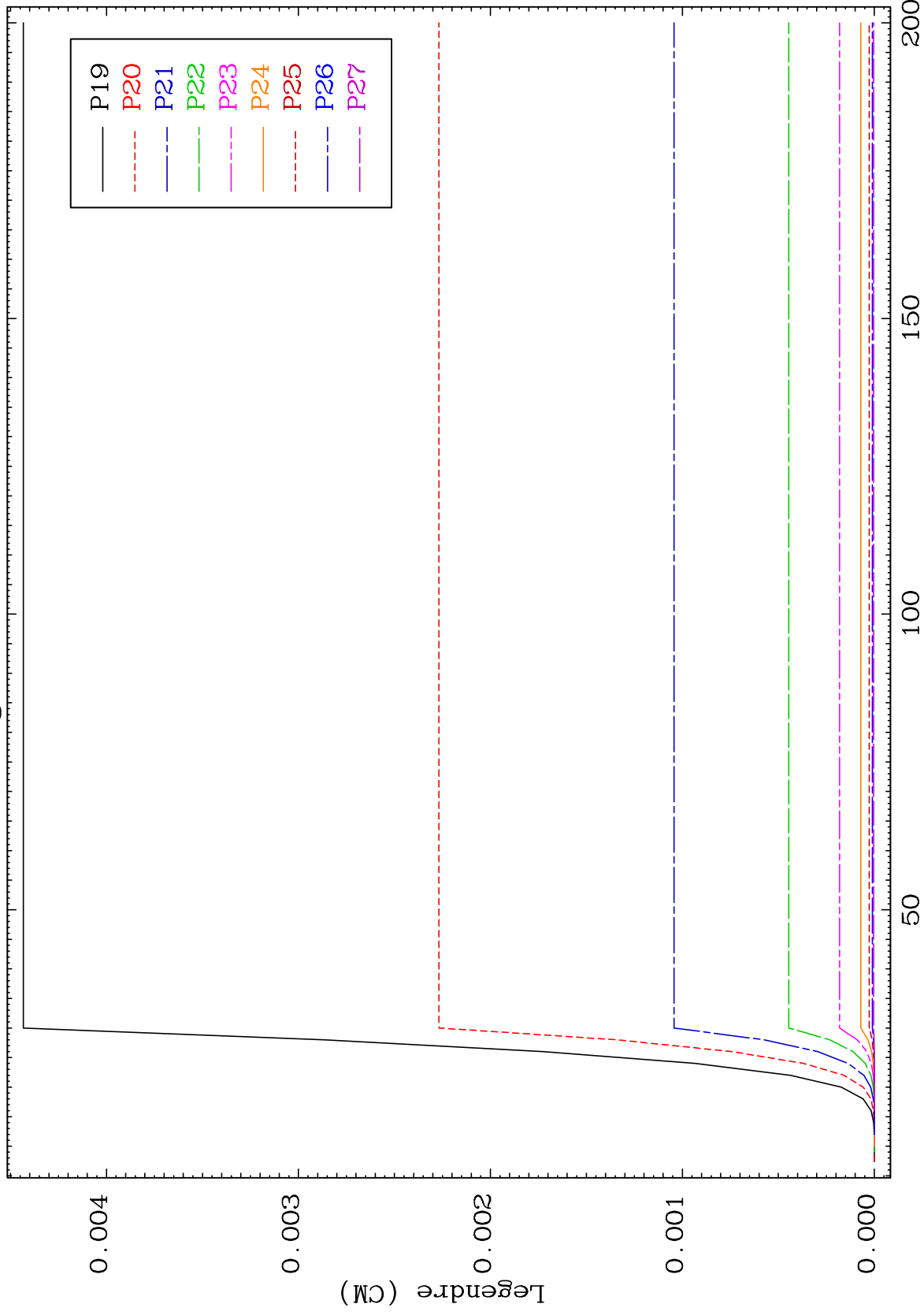
Incident Energy (MeV)

43-Tc-100

MAT 4328

MT= 69 (n,n') Level  
Legendre Coefficients

43-Tc-100



83

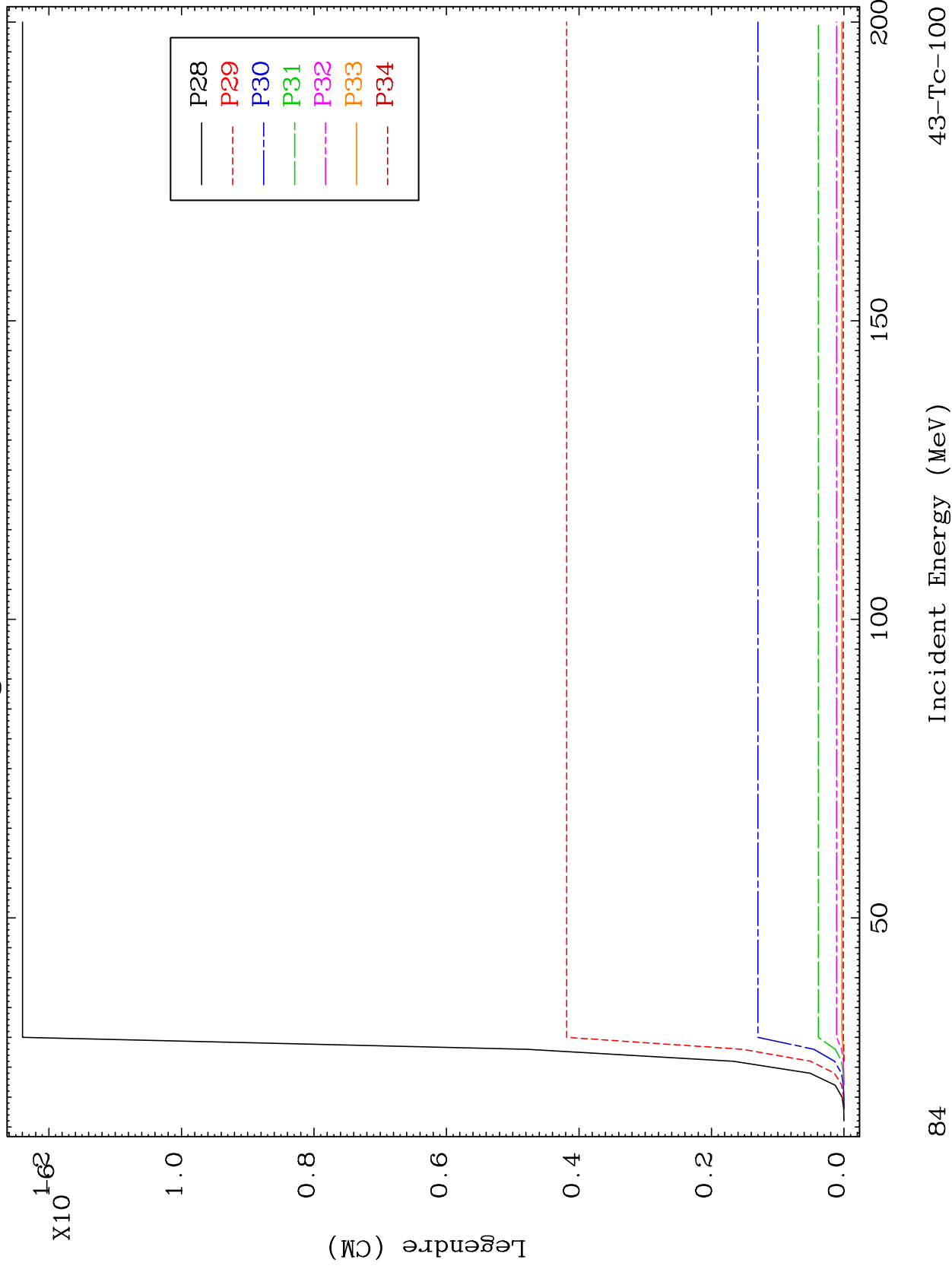
Incident Energy (MeV)

43-Tc-100

MAT 4328

MT= 69 (n,n') Level  
Legendre Coefficients

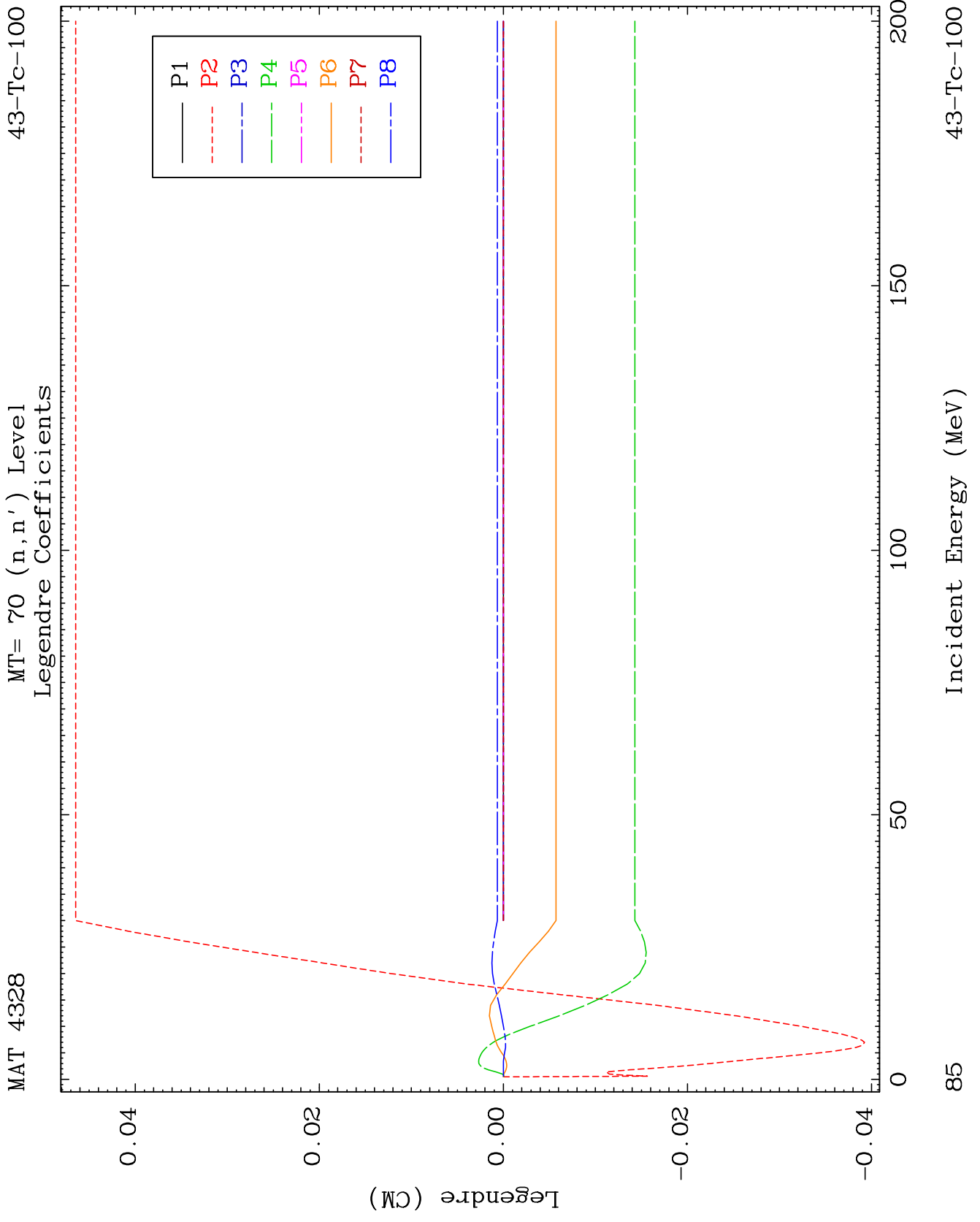
43-Tc-100

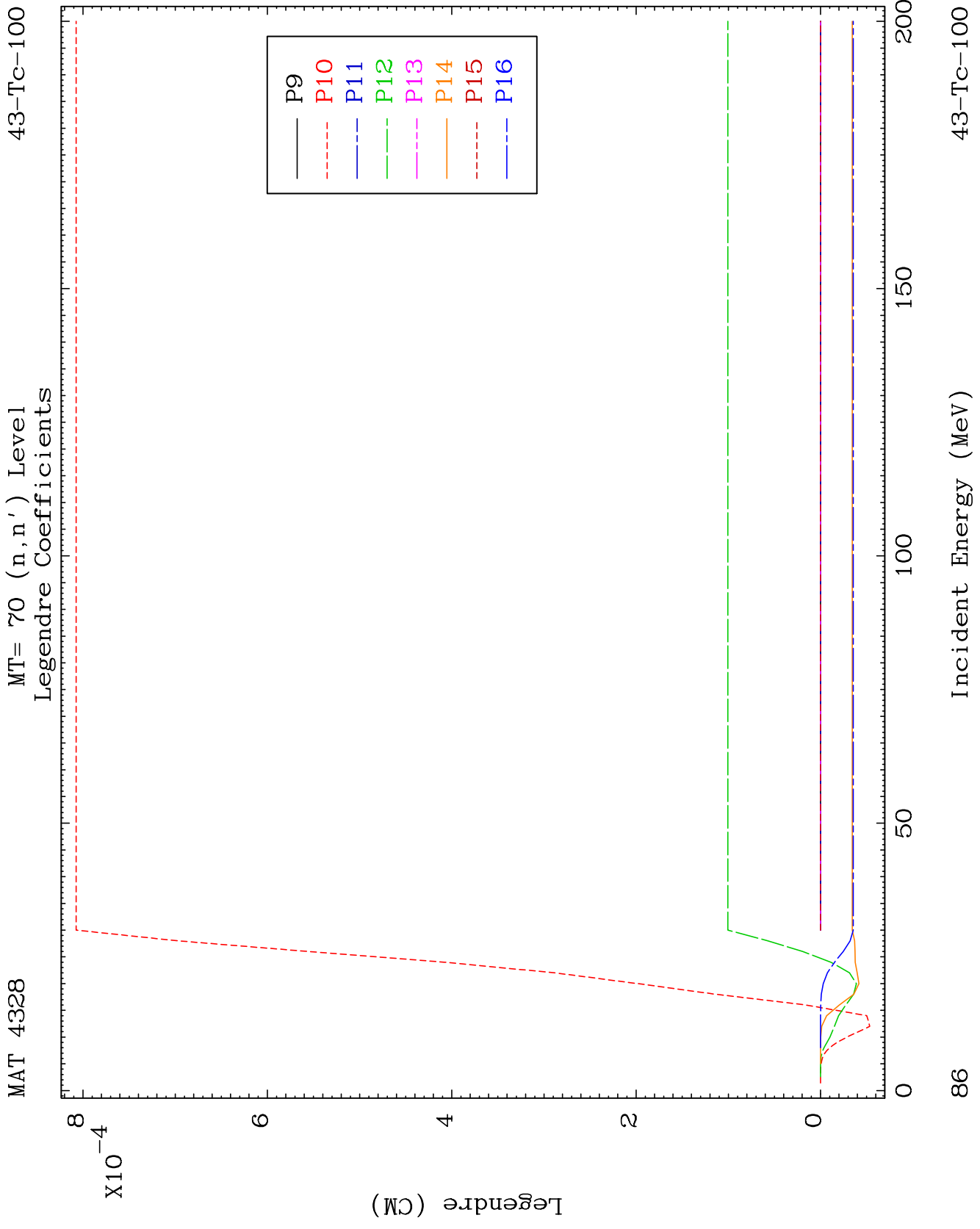


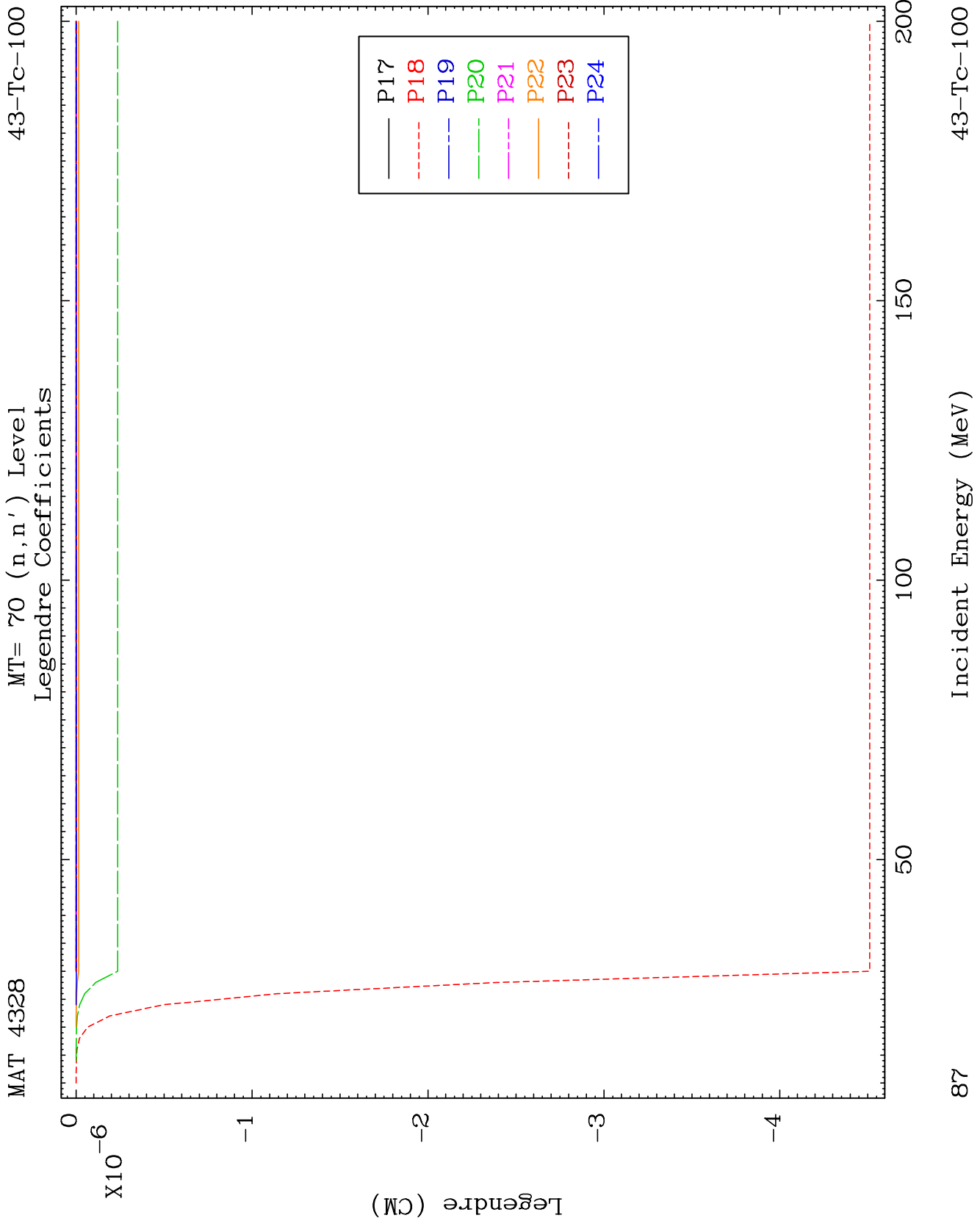
84

Incident Energy (MeV)

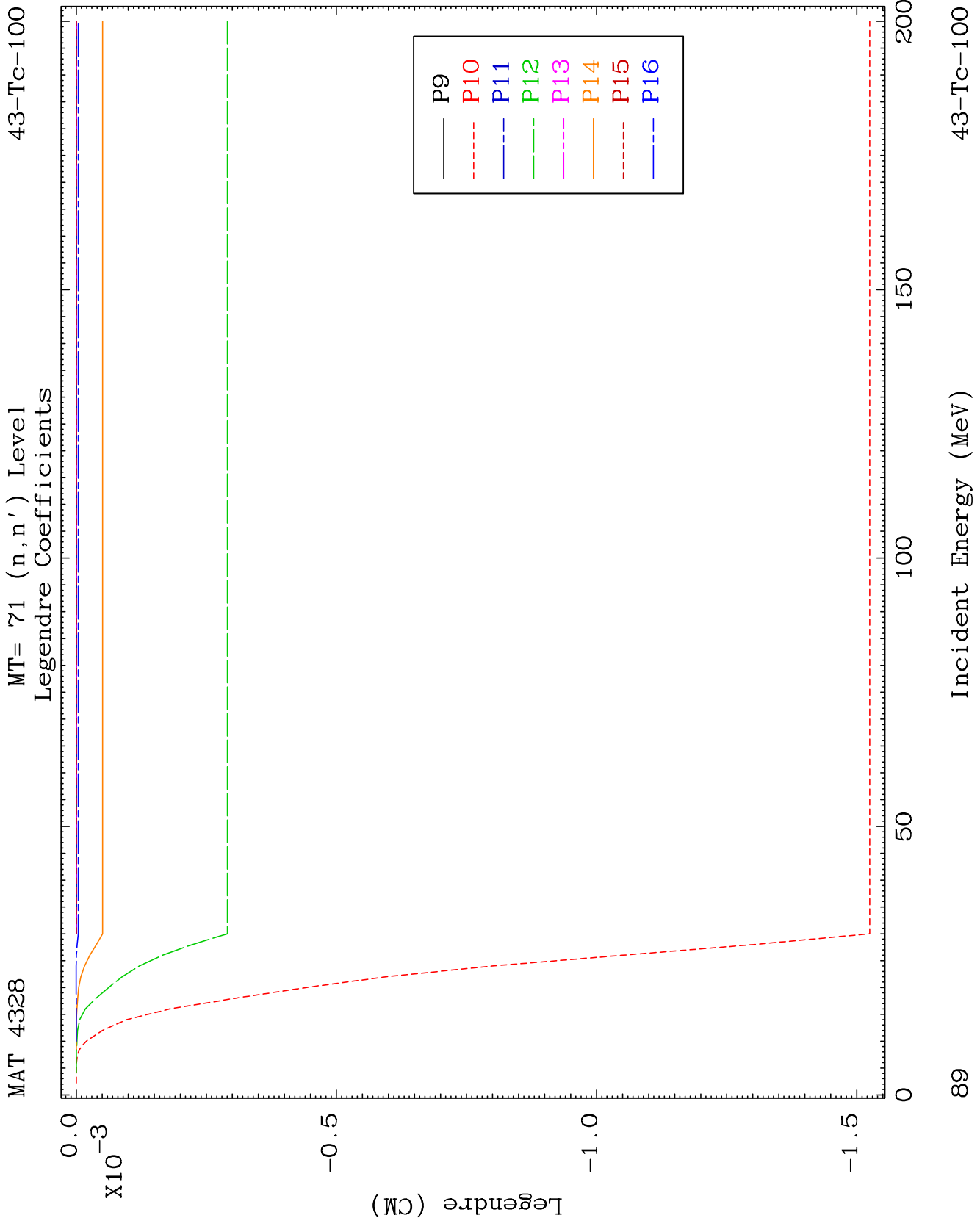
43-Tc-100

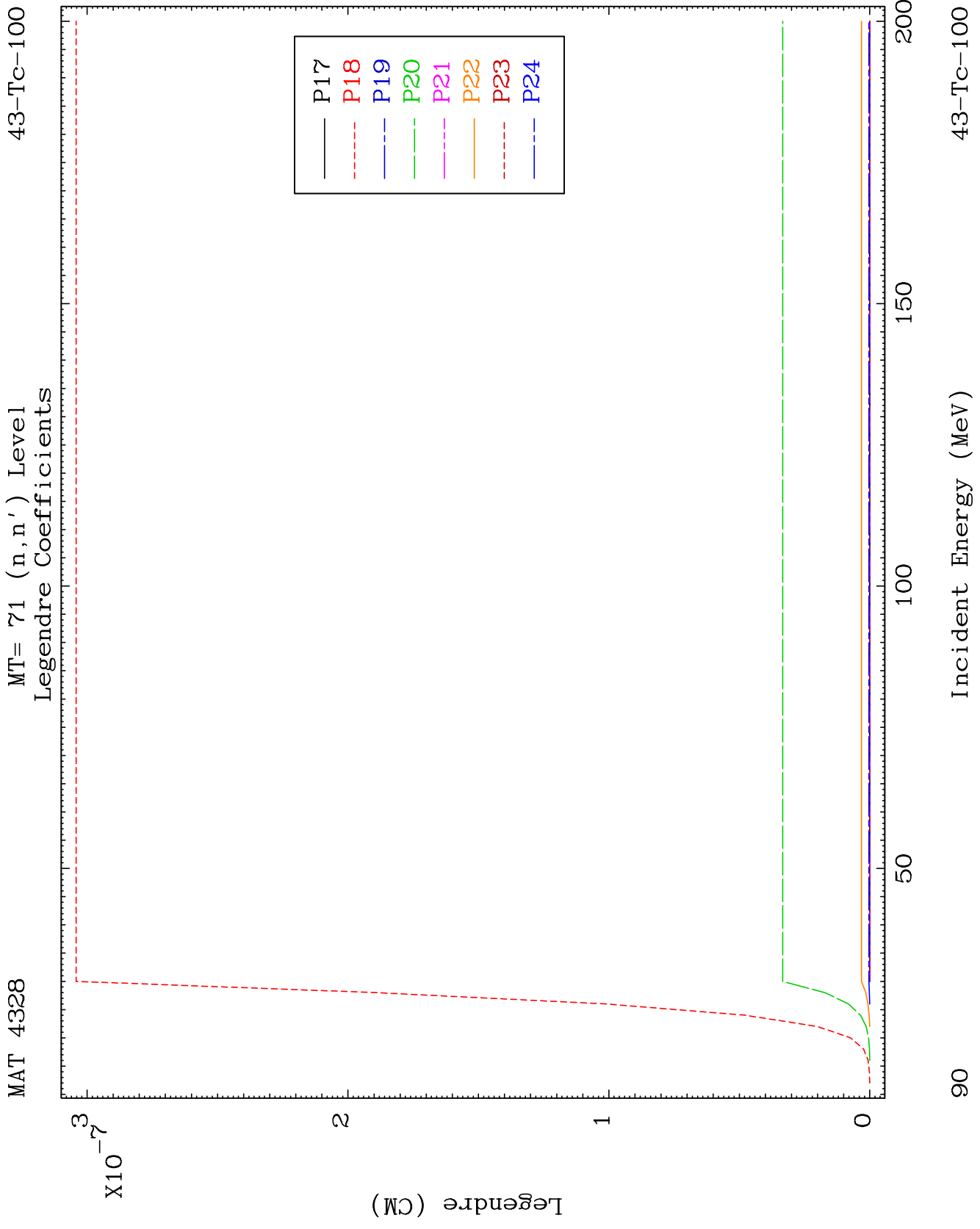










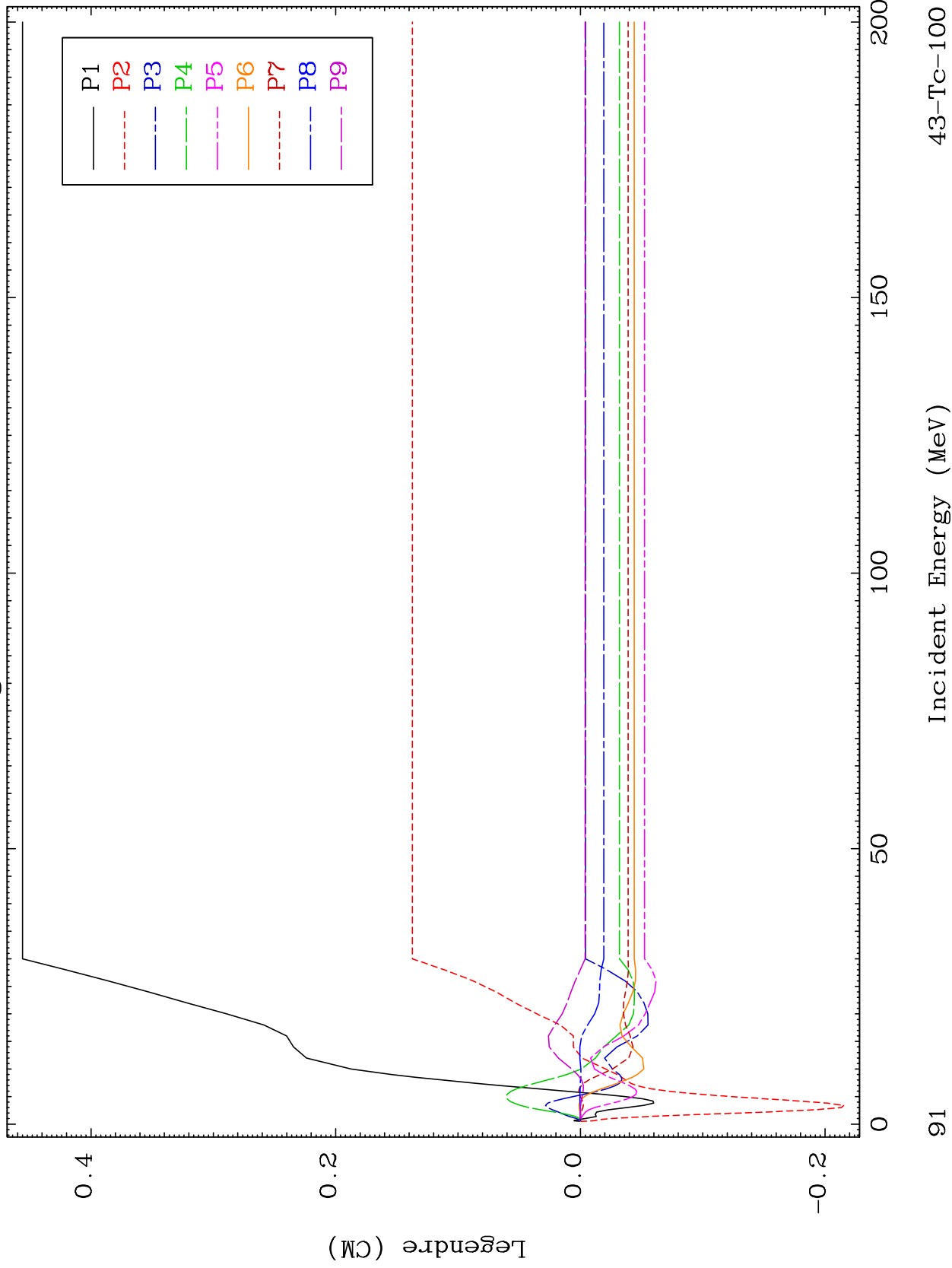


MAT 4328

MT= 72 (n,n') Level

43-Tc-100

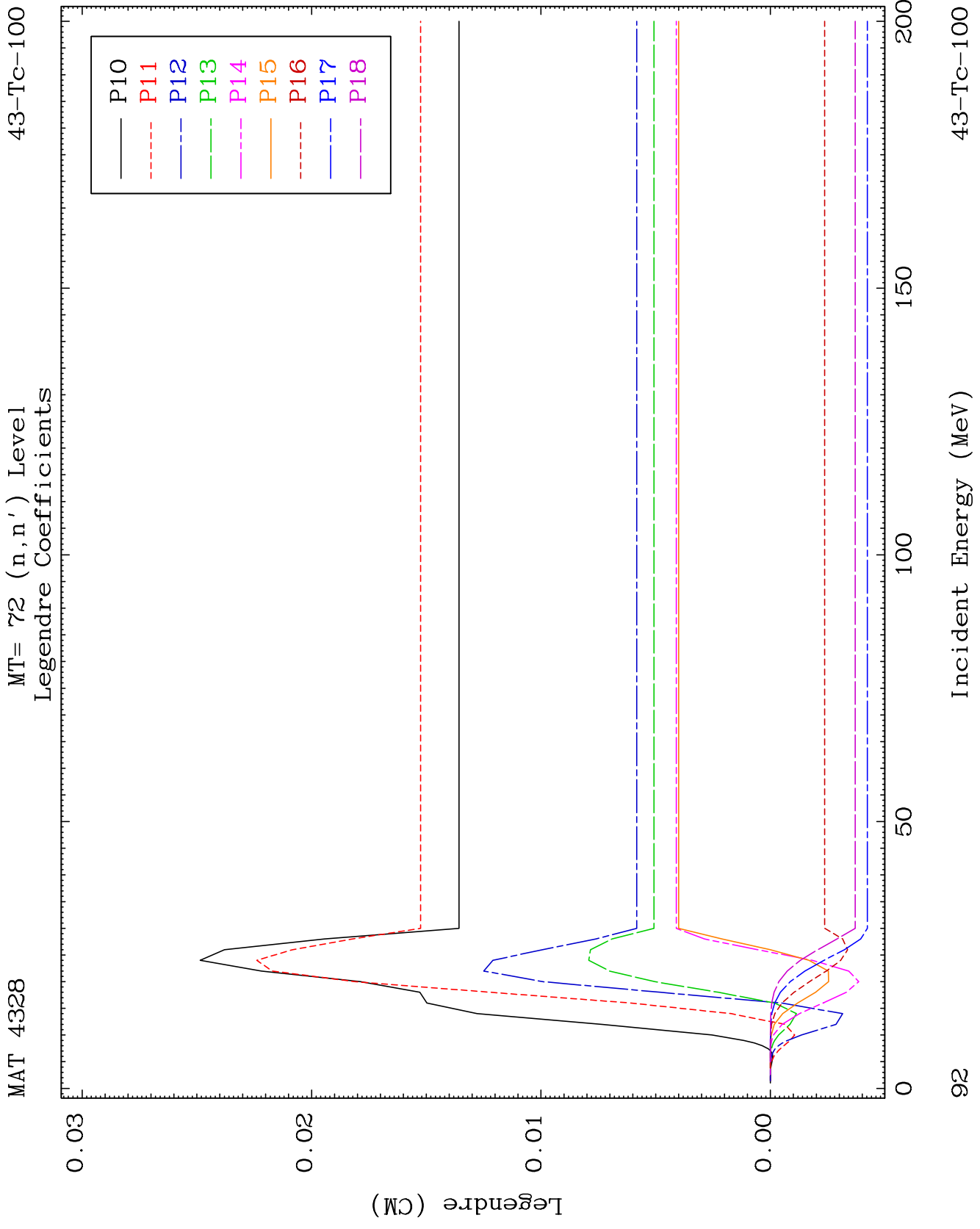
Legendre Coefficients

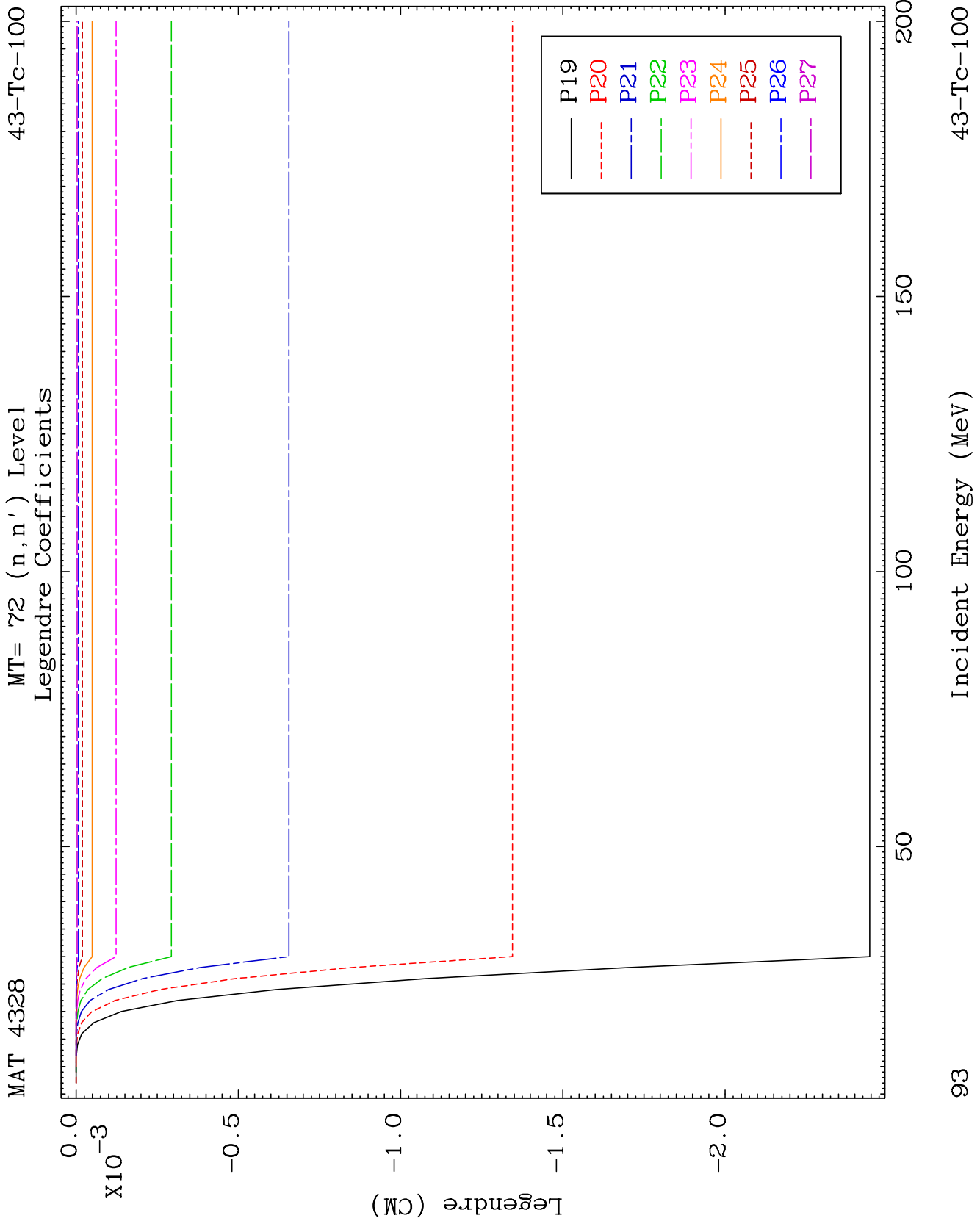


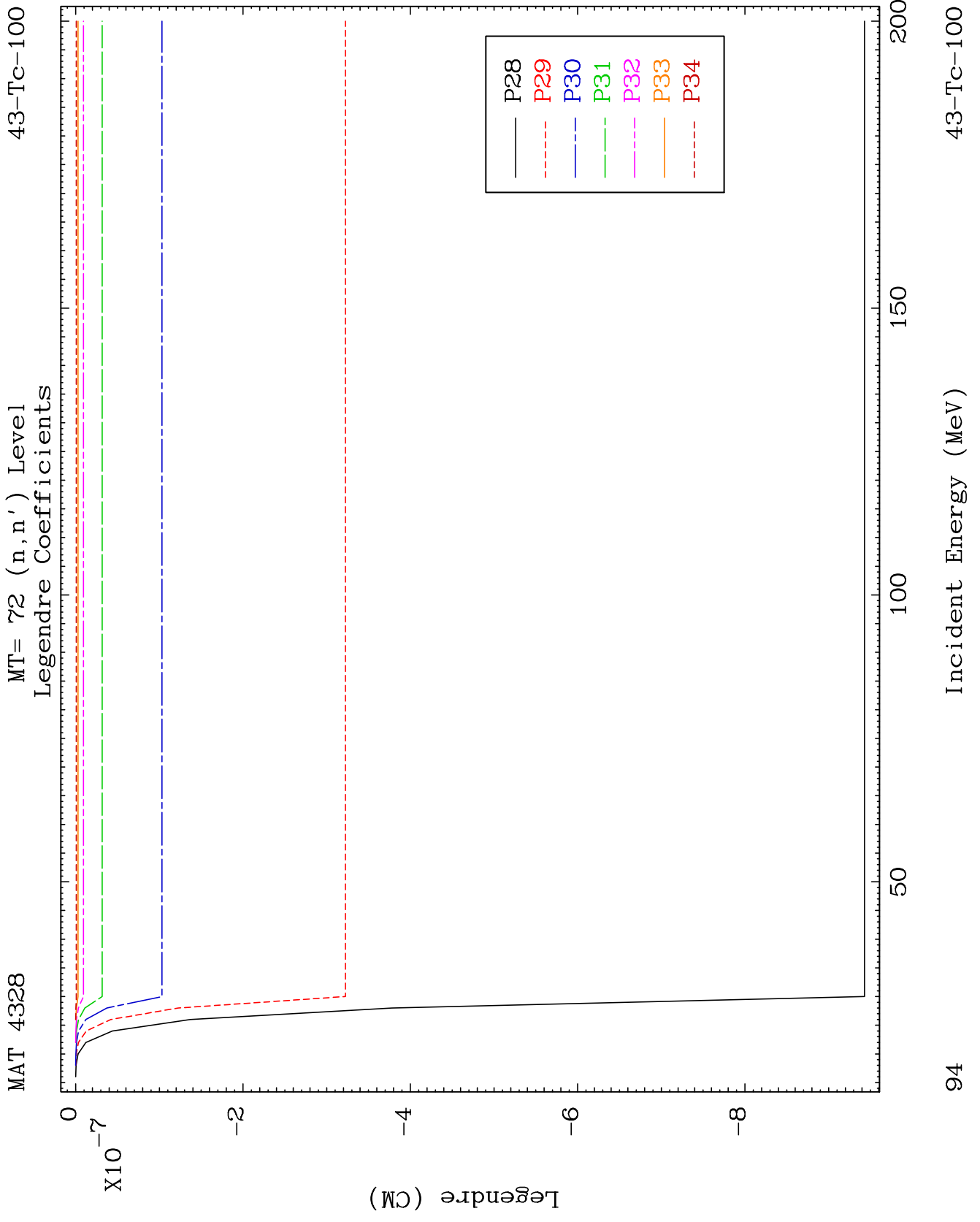
91

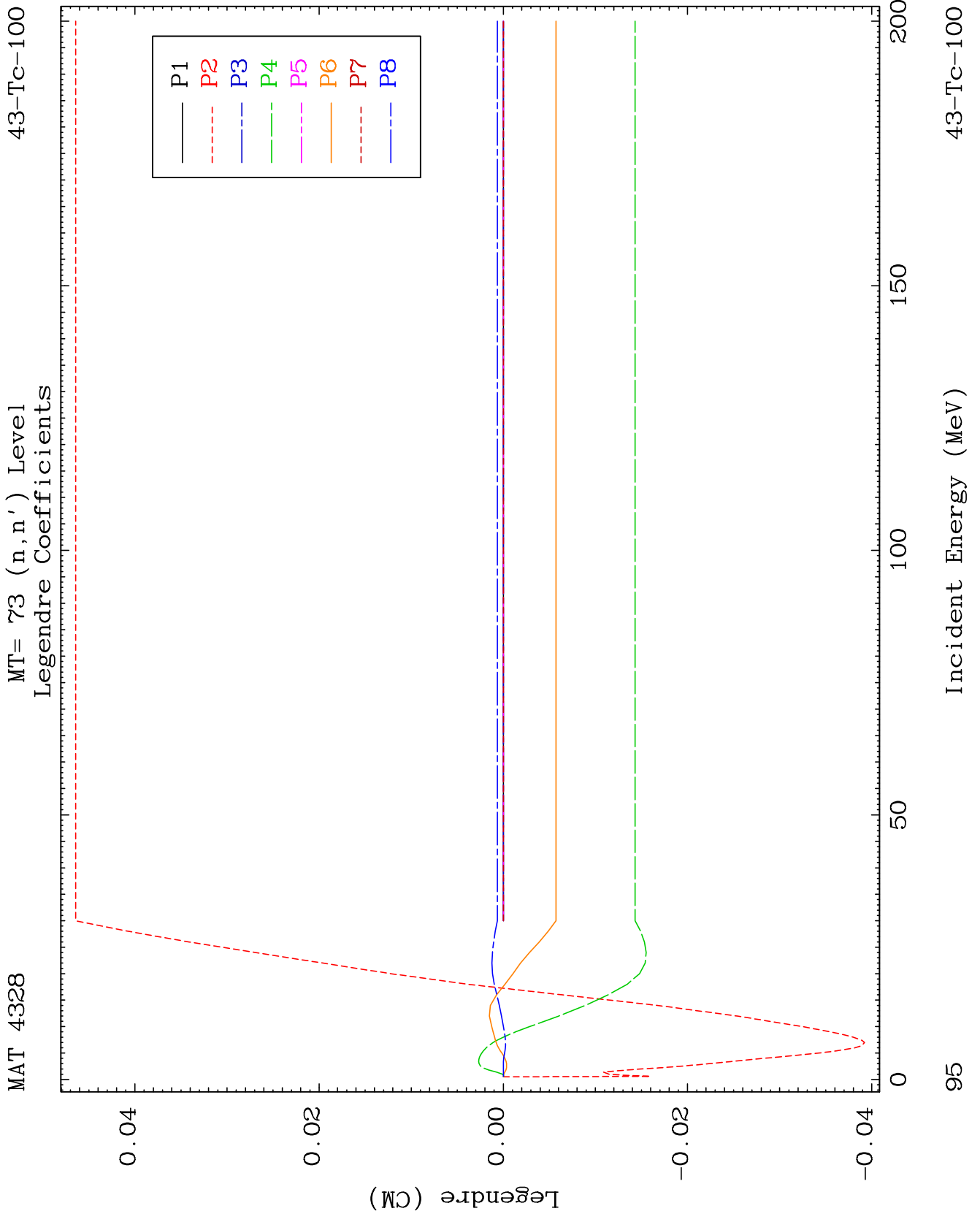
Incident Energy (MeV)

43-Tc-100





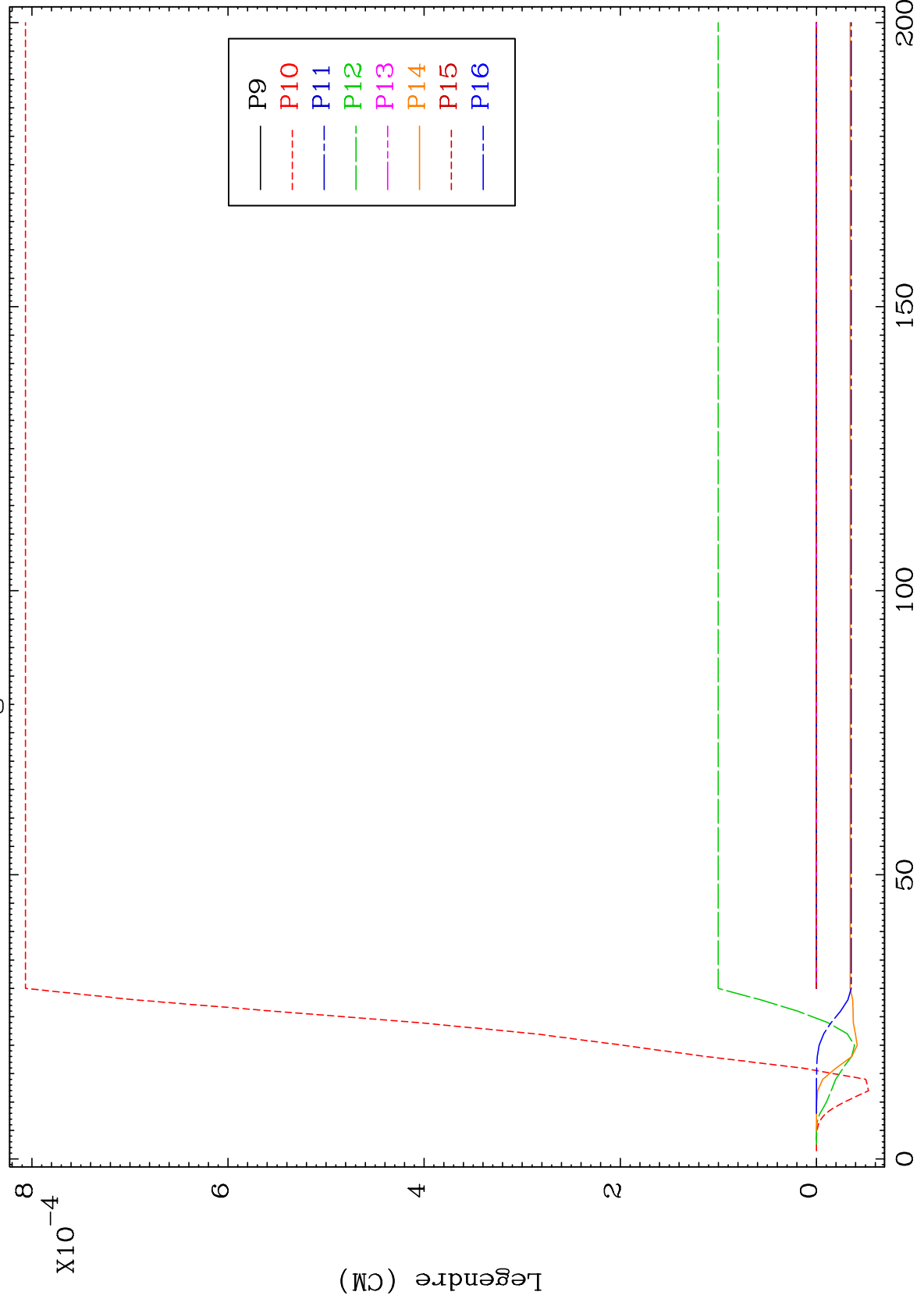




MAT 4328

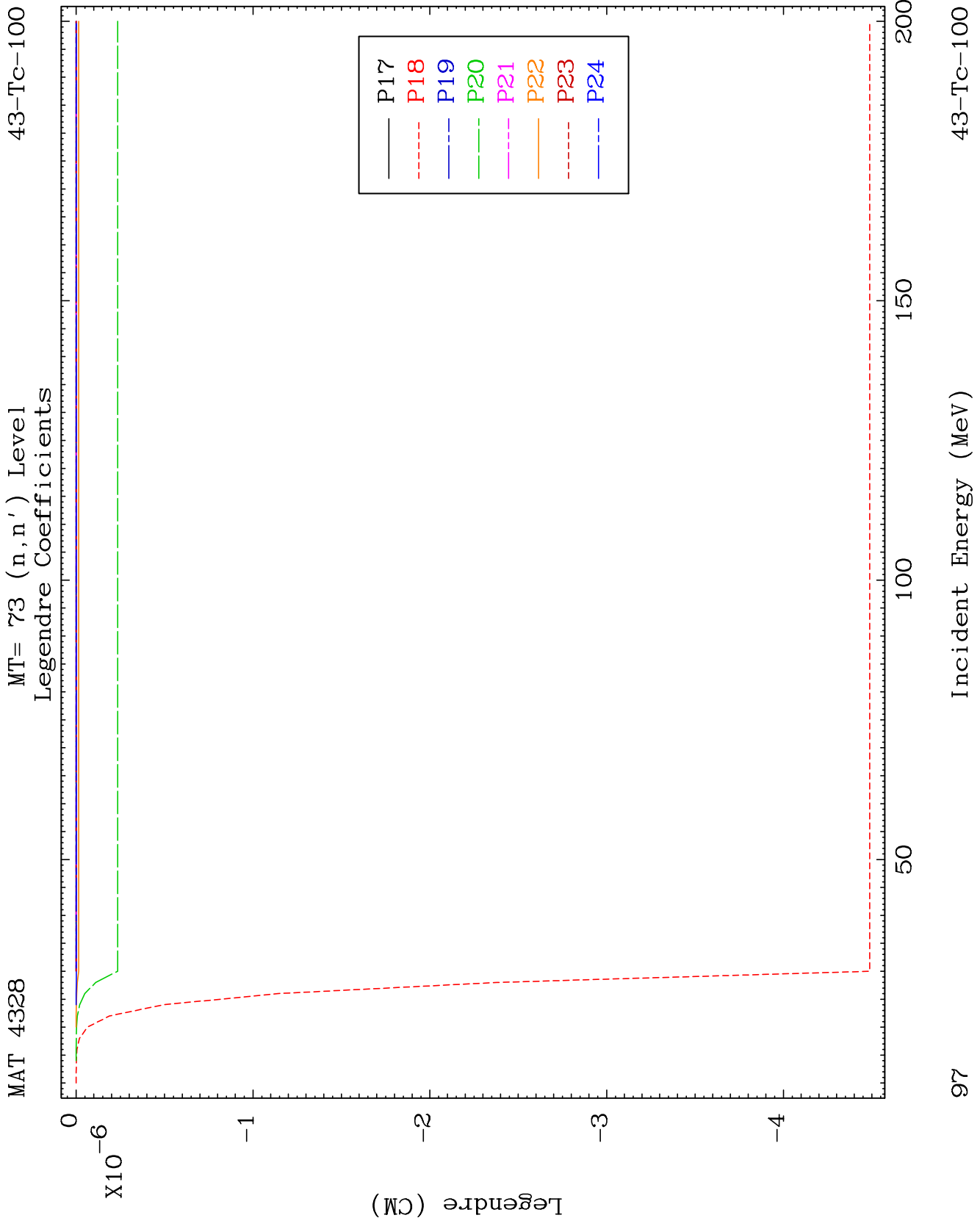
MT= 73 (n,n') Level  
Legendre Coefficients

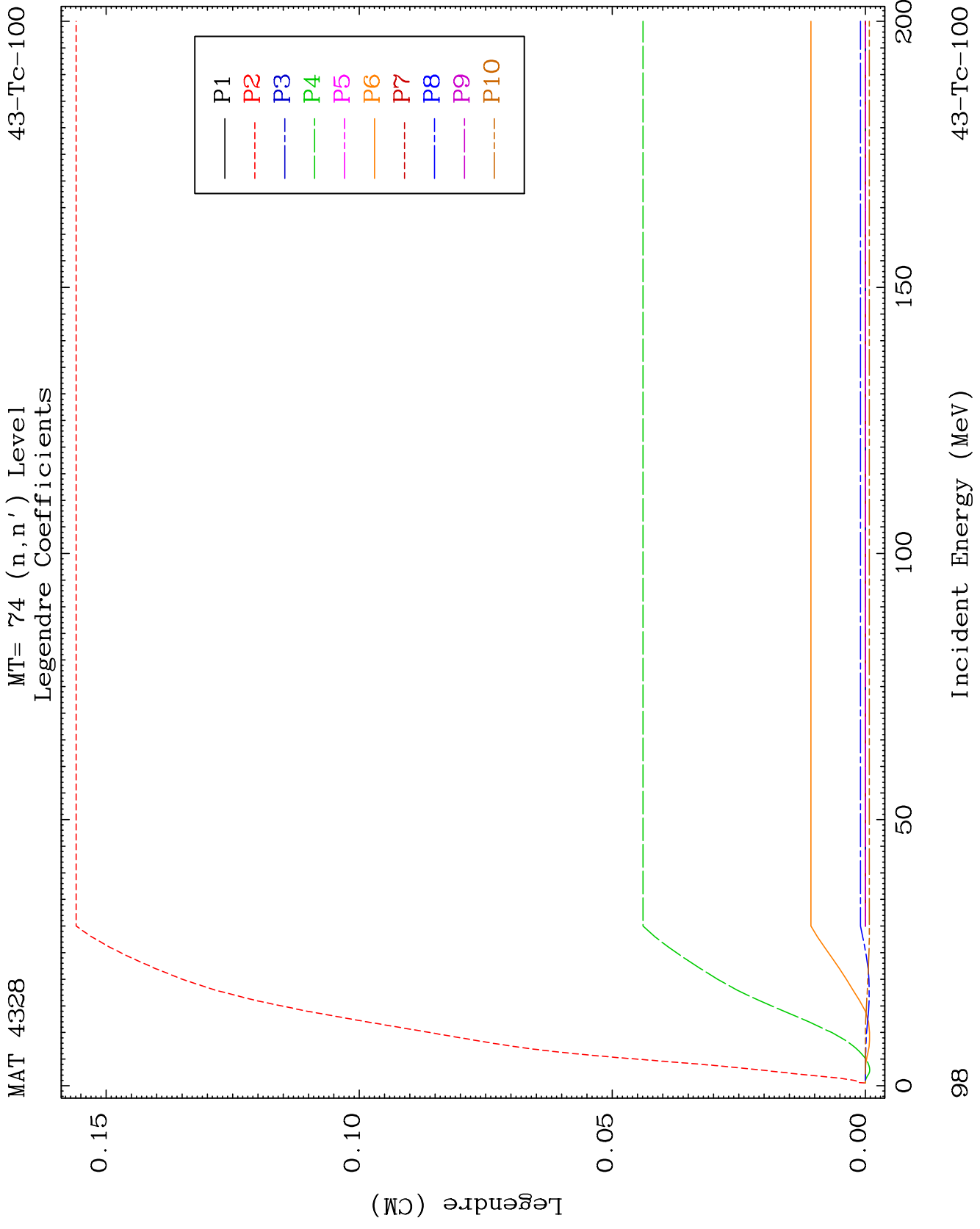
43-Tc-100



96

43-Tc-100



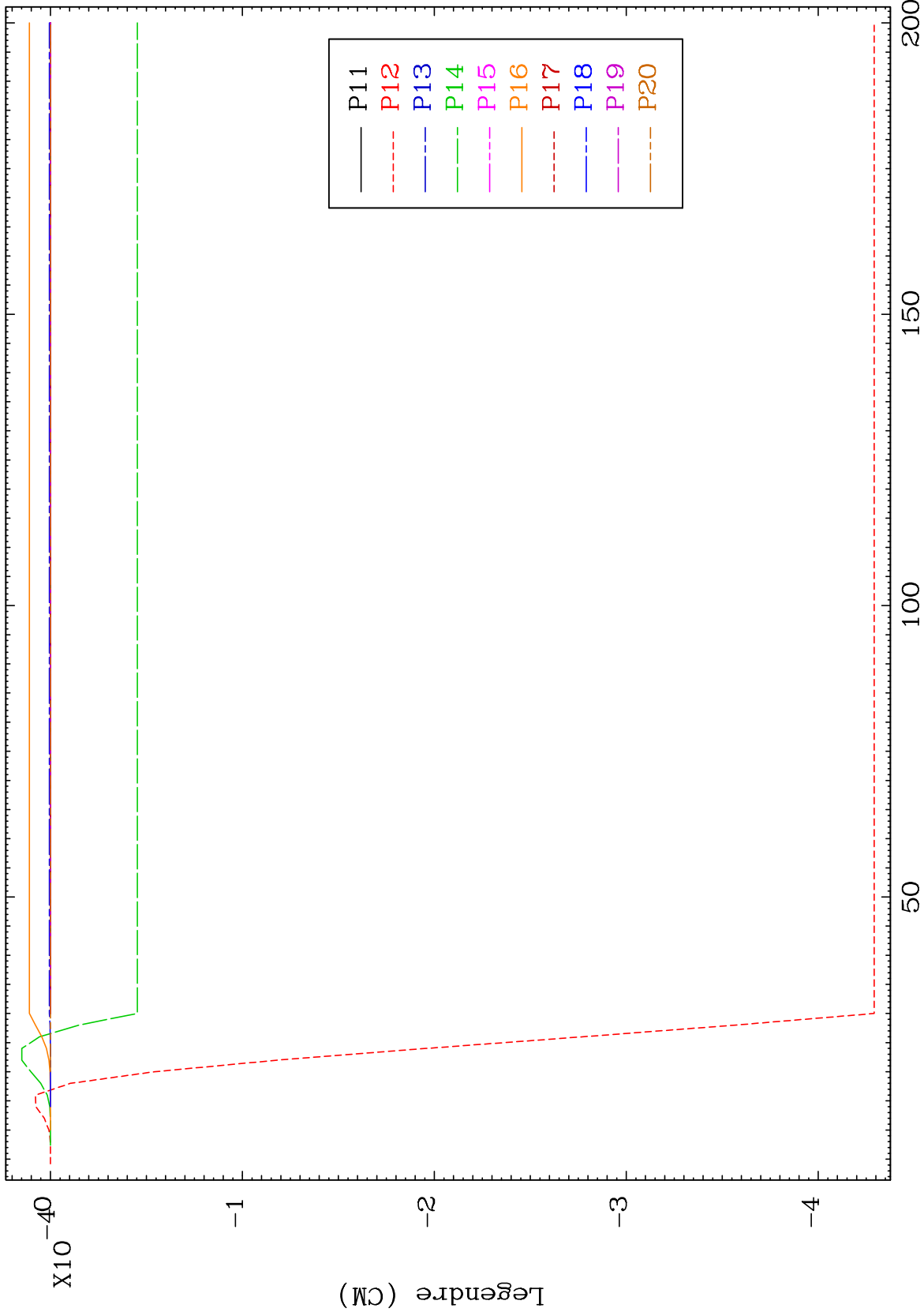


MAT 4328

MT= 74 (n,n') Level

43-Tc-100

Legendre Coefficients



99

Incident Energy (MeV)

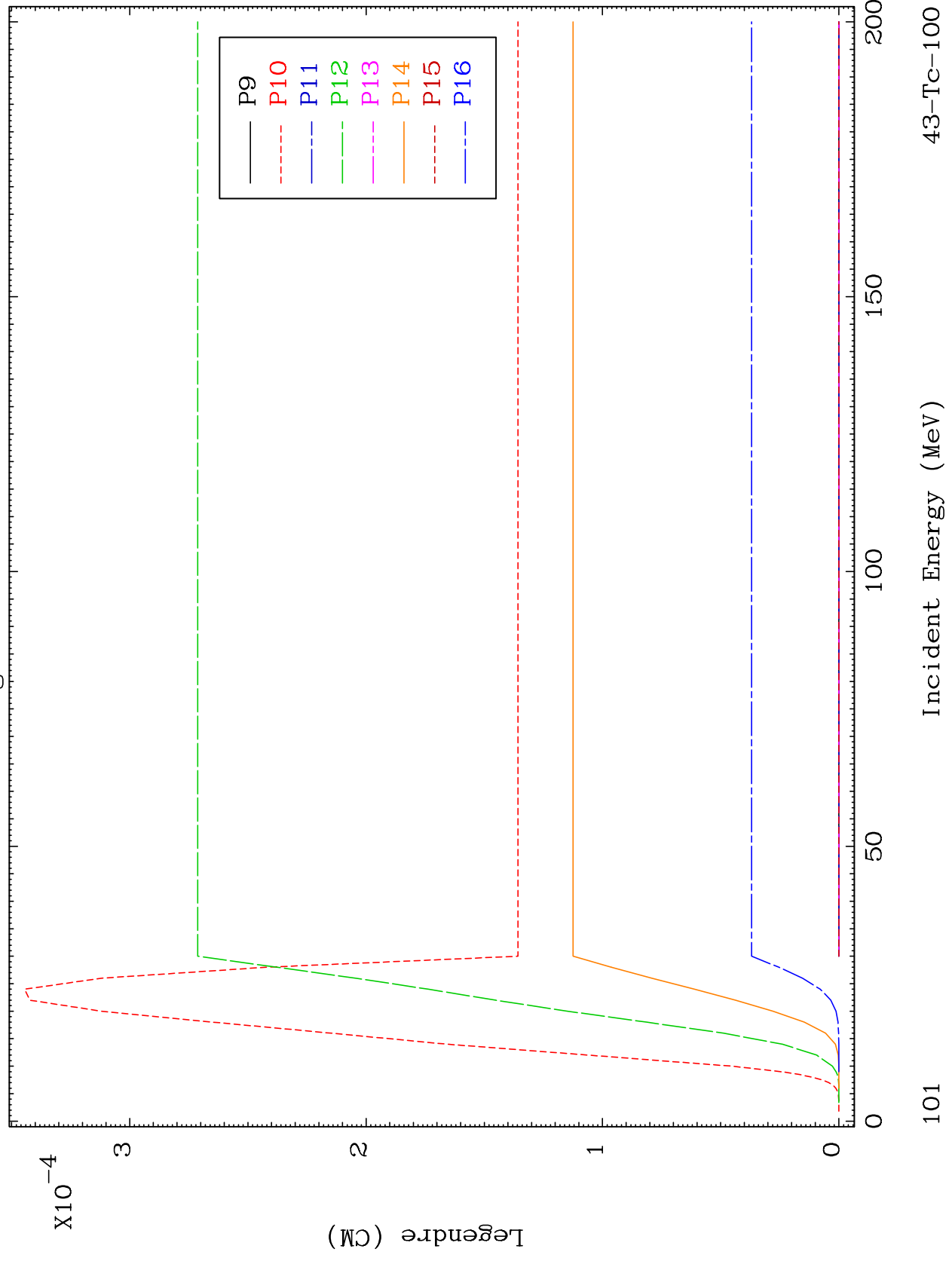
43-Tc-100

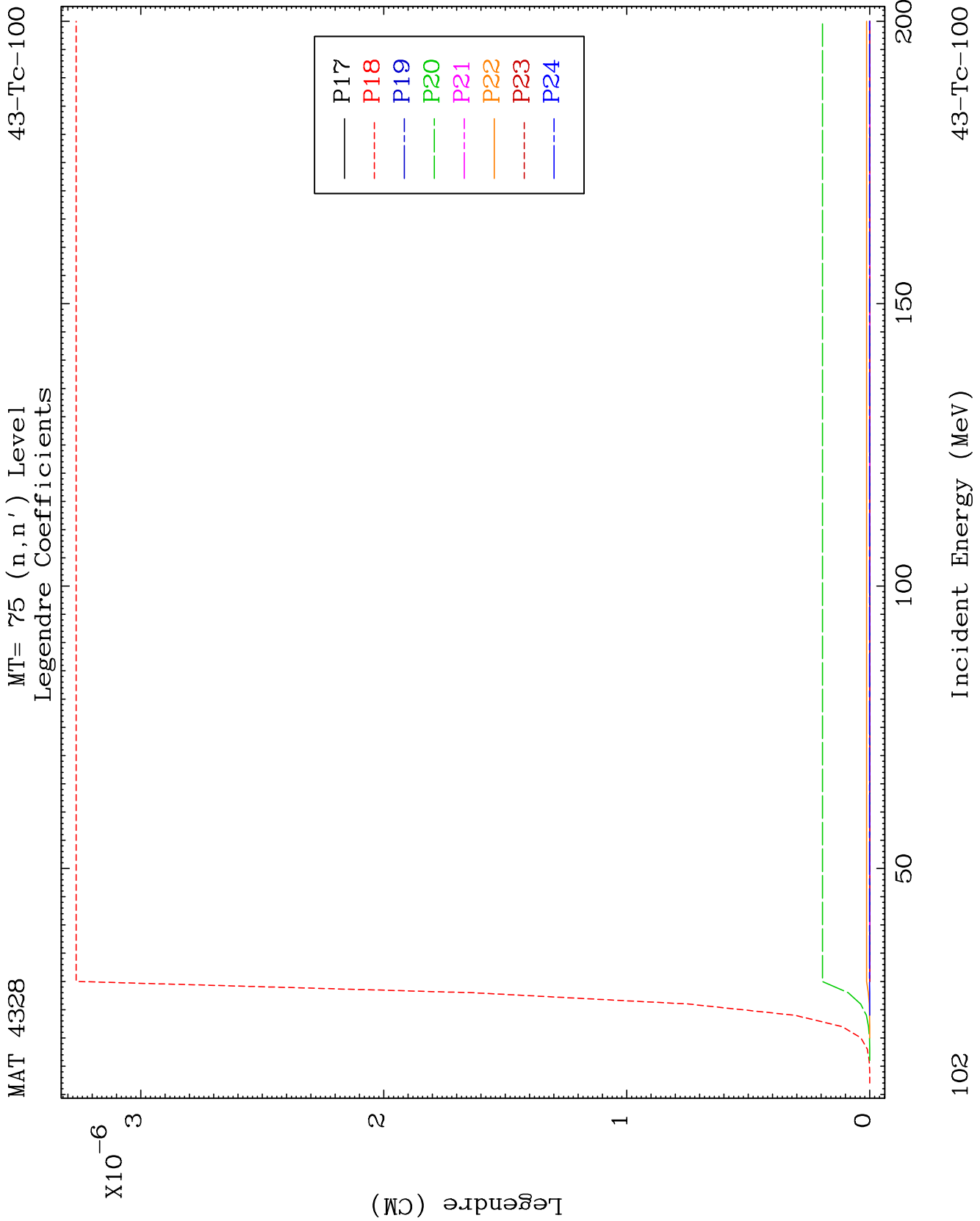


MAT 4328

MT= 75 (n,n') Level  
Legendre Coefficients

43-Tc-100

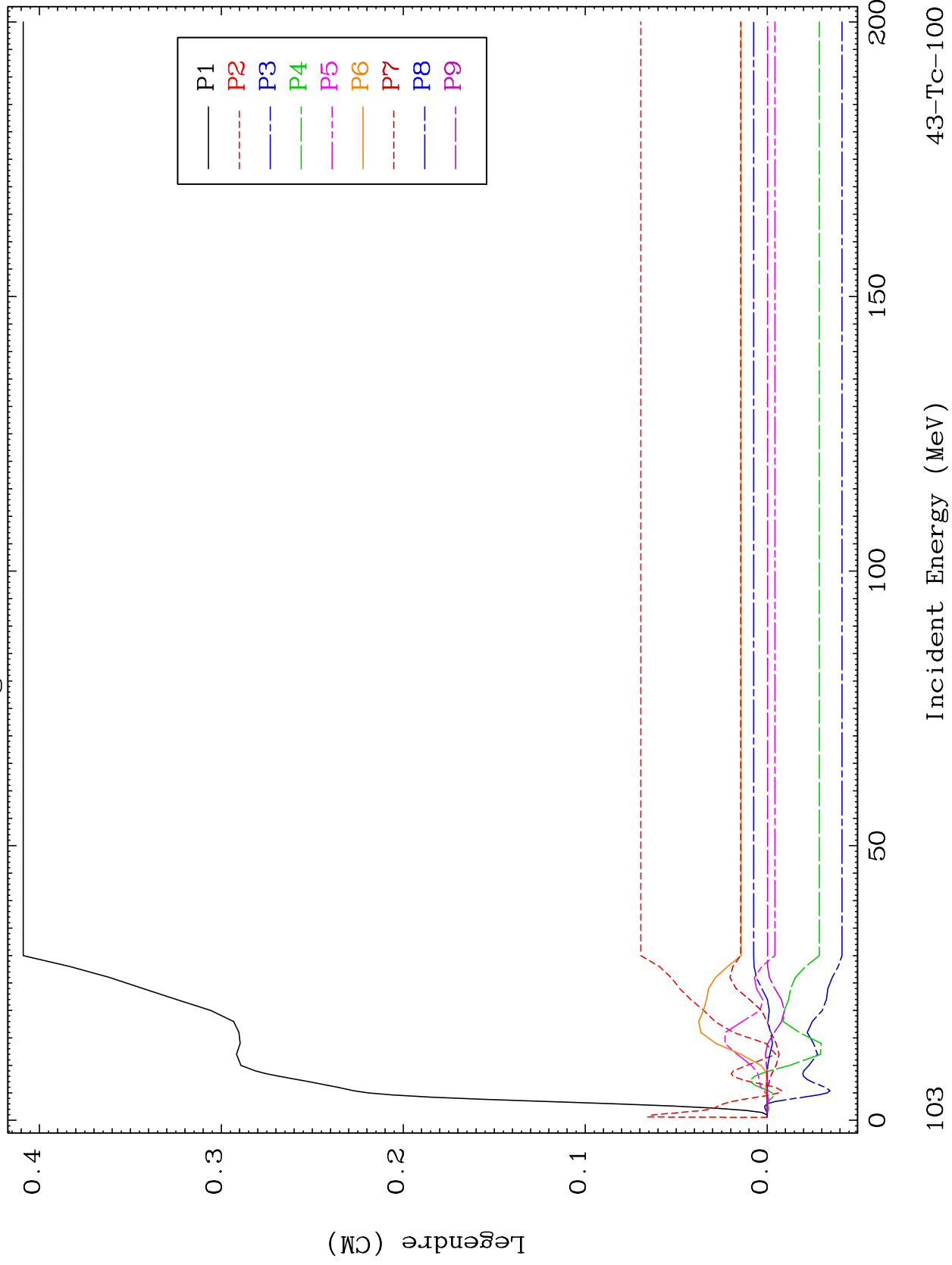




MAT 4328

MT= 76 (n,n') Level  
Legendre Coefficients

43-Tc-100



103

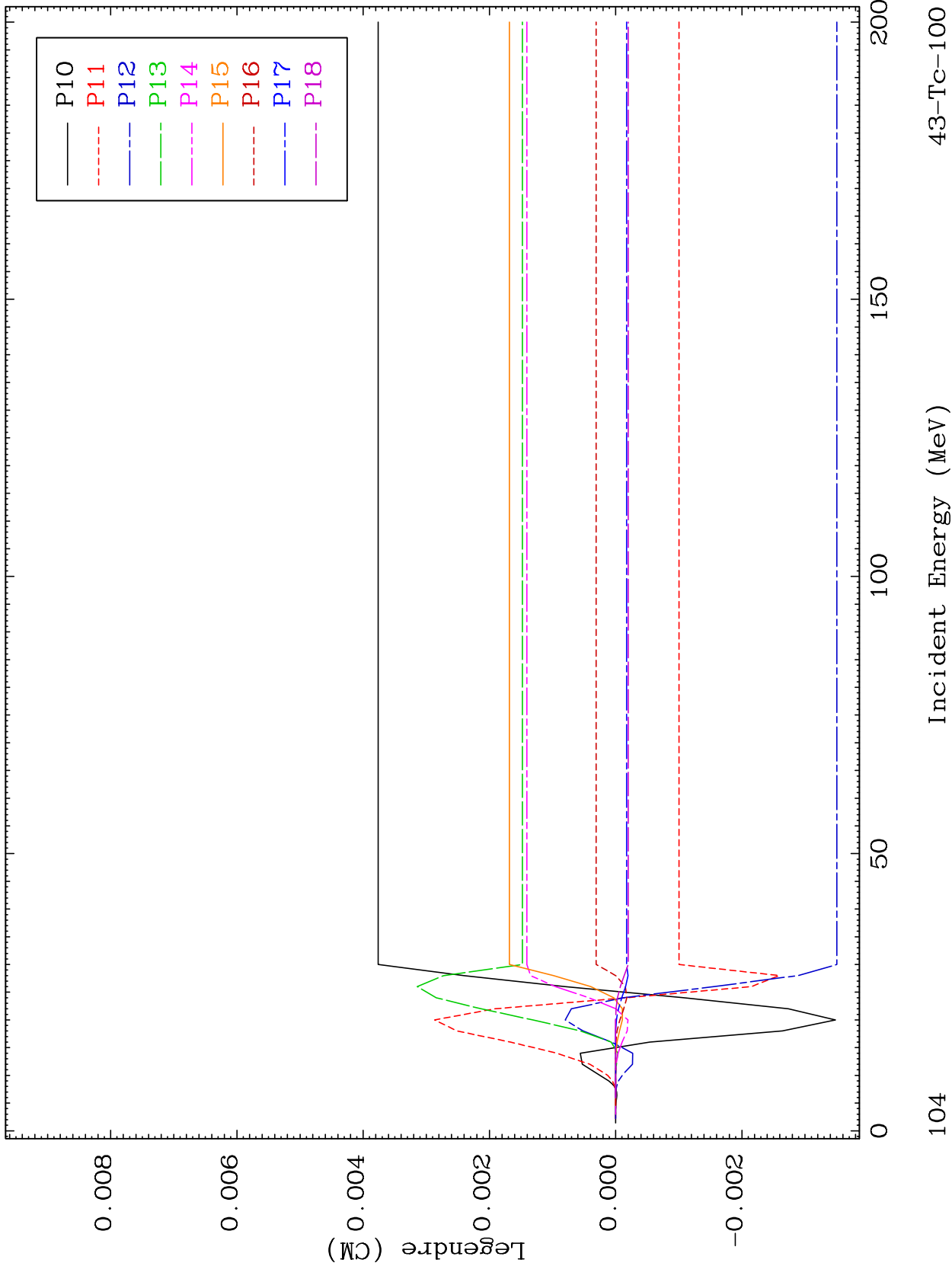
Incident Energy (MeV)

43-Tc-100

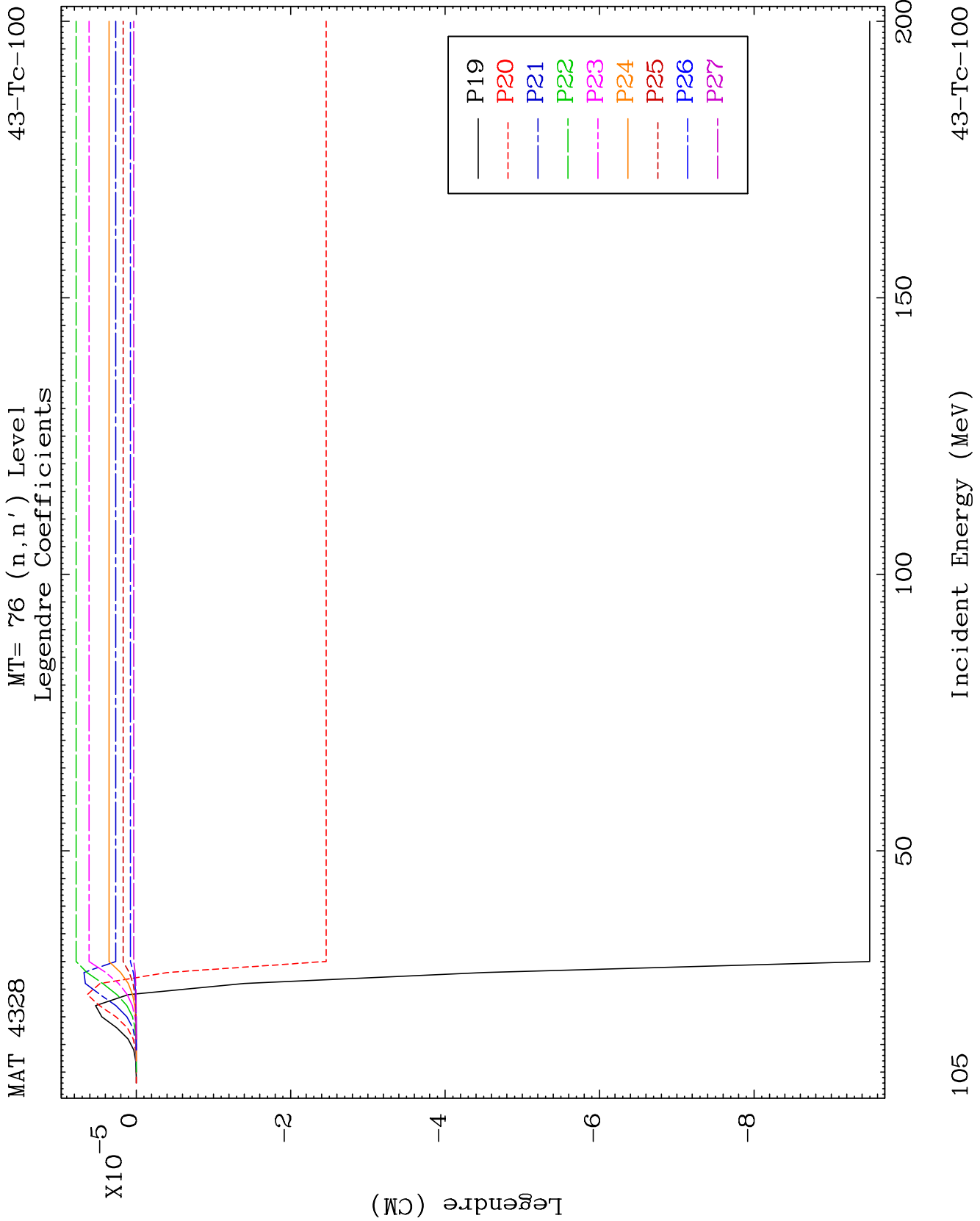
MAT 4328

MT= 76 (n,n') Level  
Legendre Coefficients

43-Tc-100



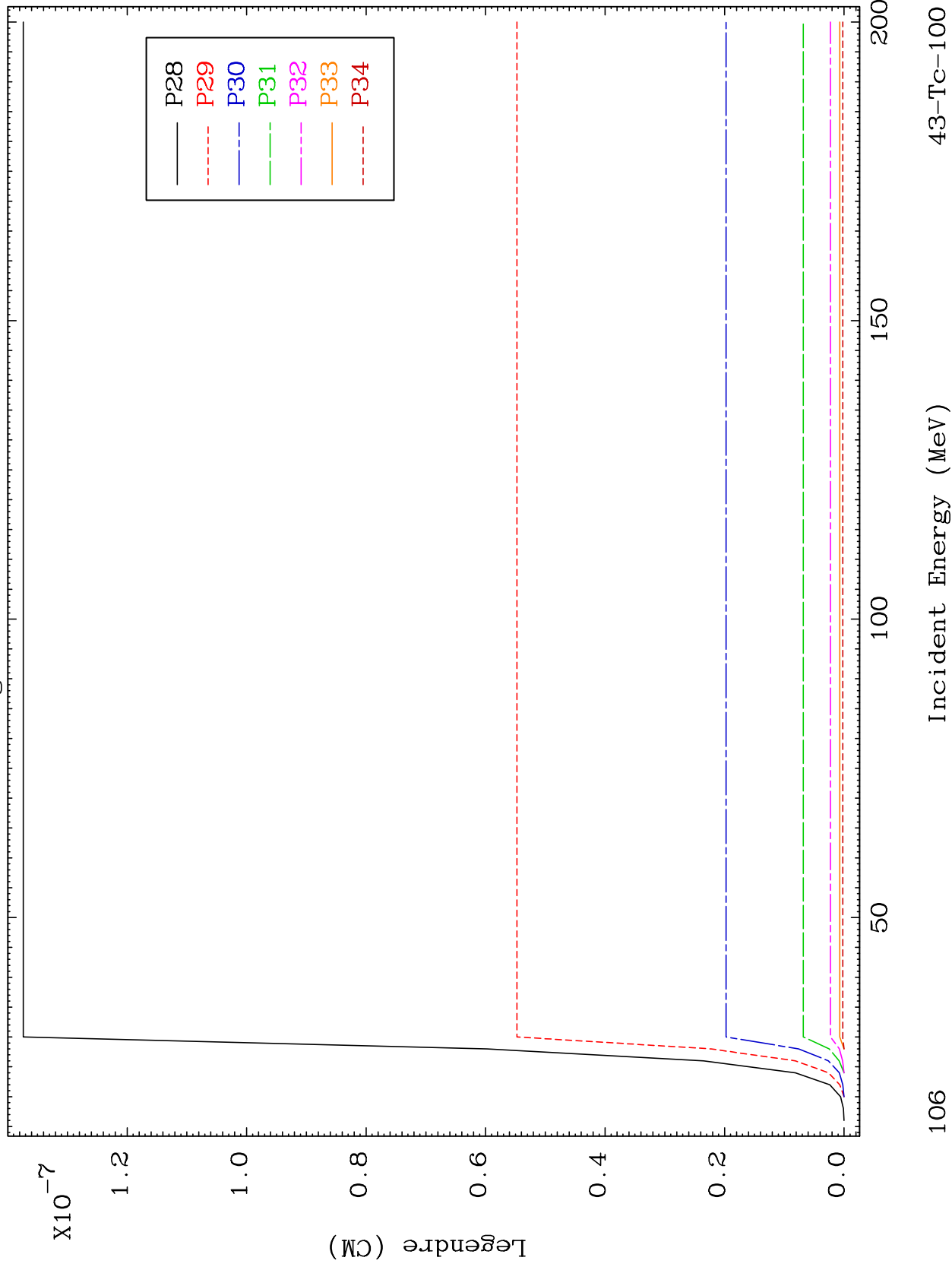
104



MAT 4328

MT= 76 (n,n') Level  
Legendre Coefficients

43-Tc-100



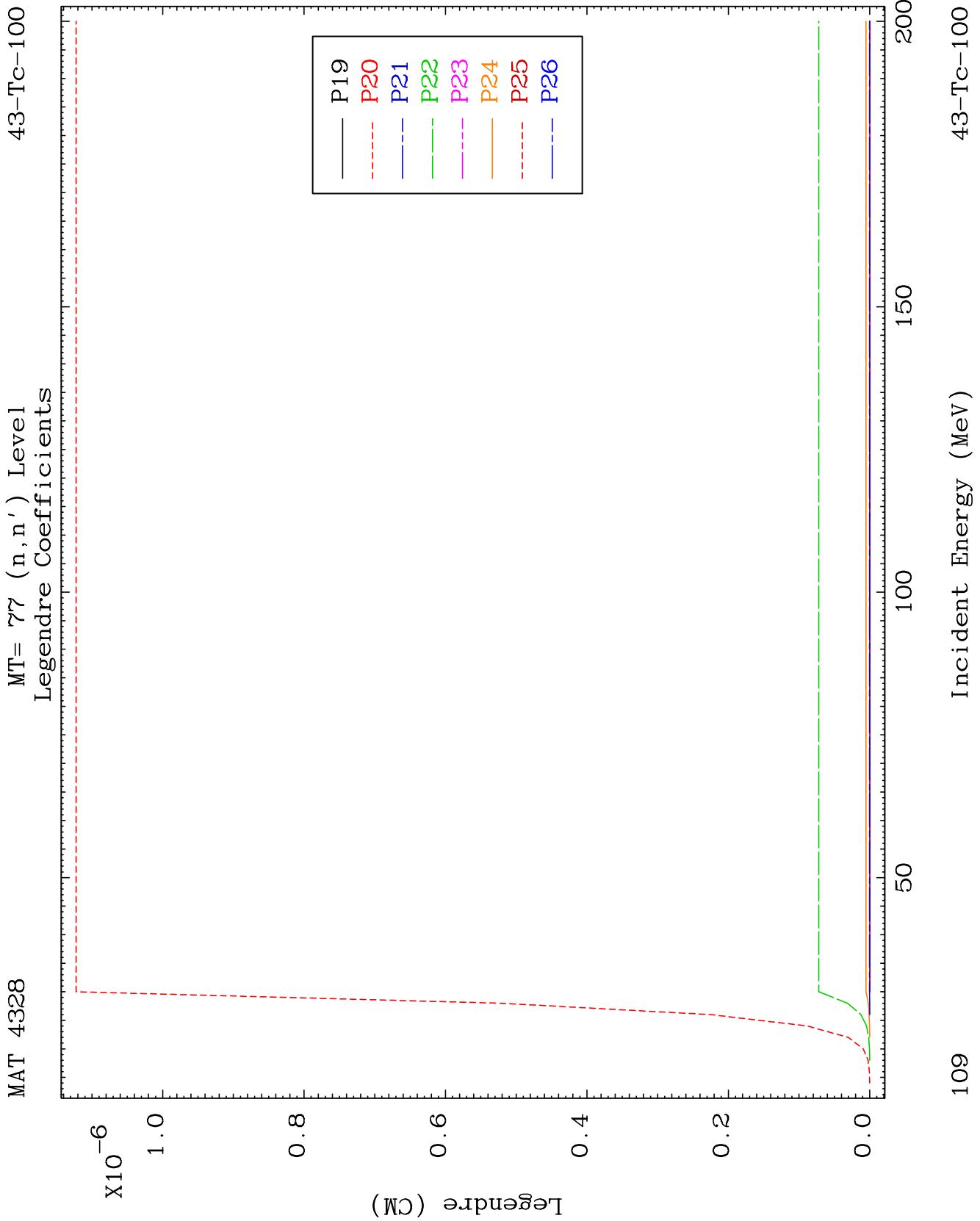
106

Incident Energy (MeV)

43-Tc-100





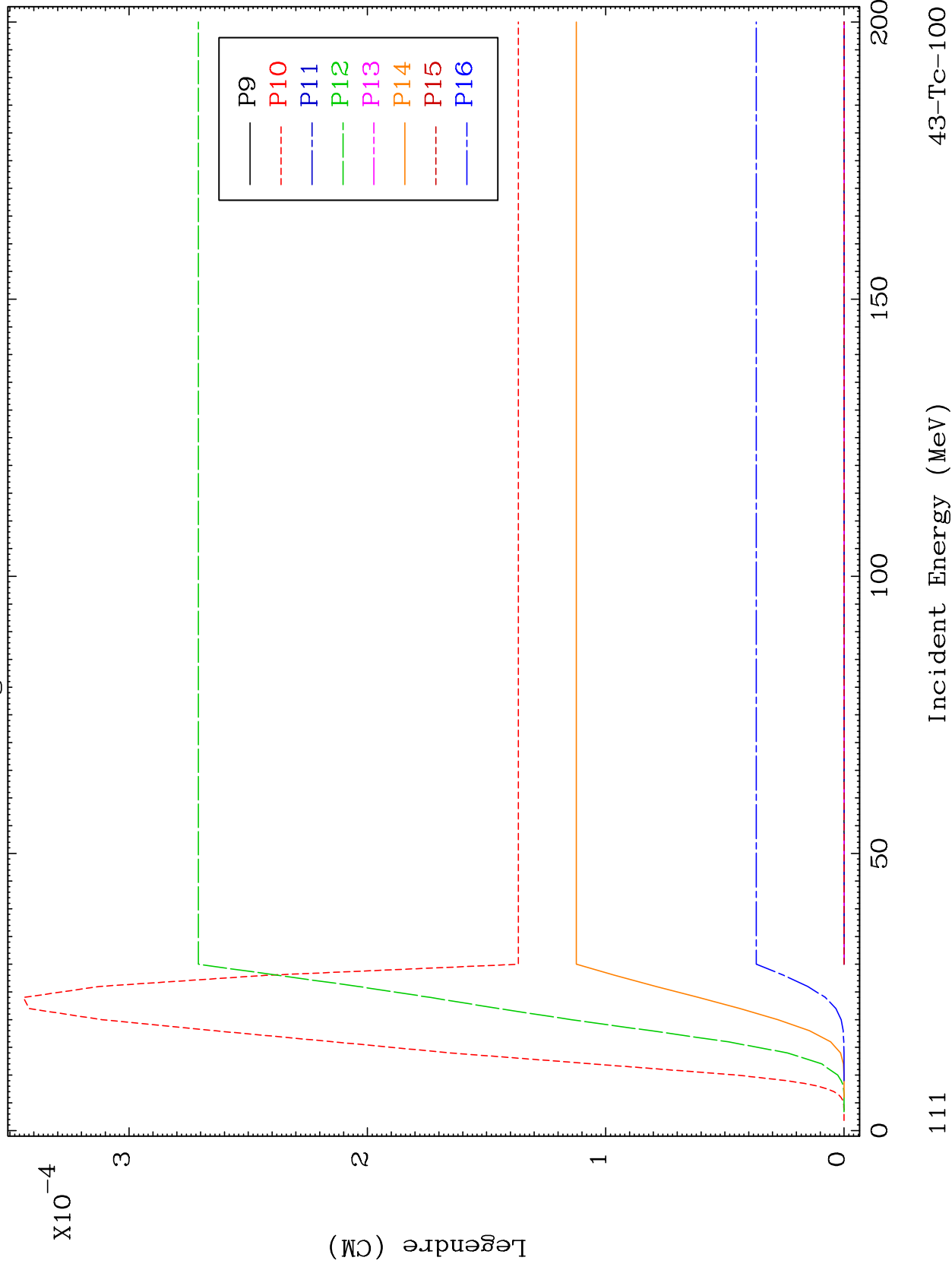




MAT 4328

MT= 78 (n,n') Level  
Legendre Coefficients

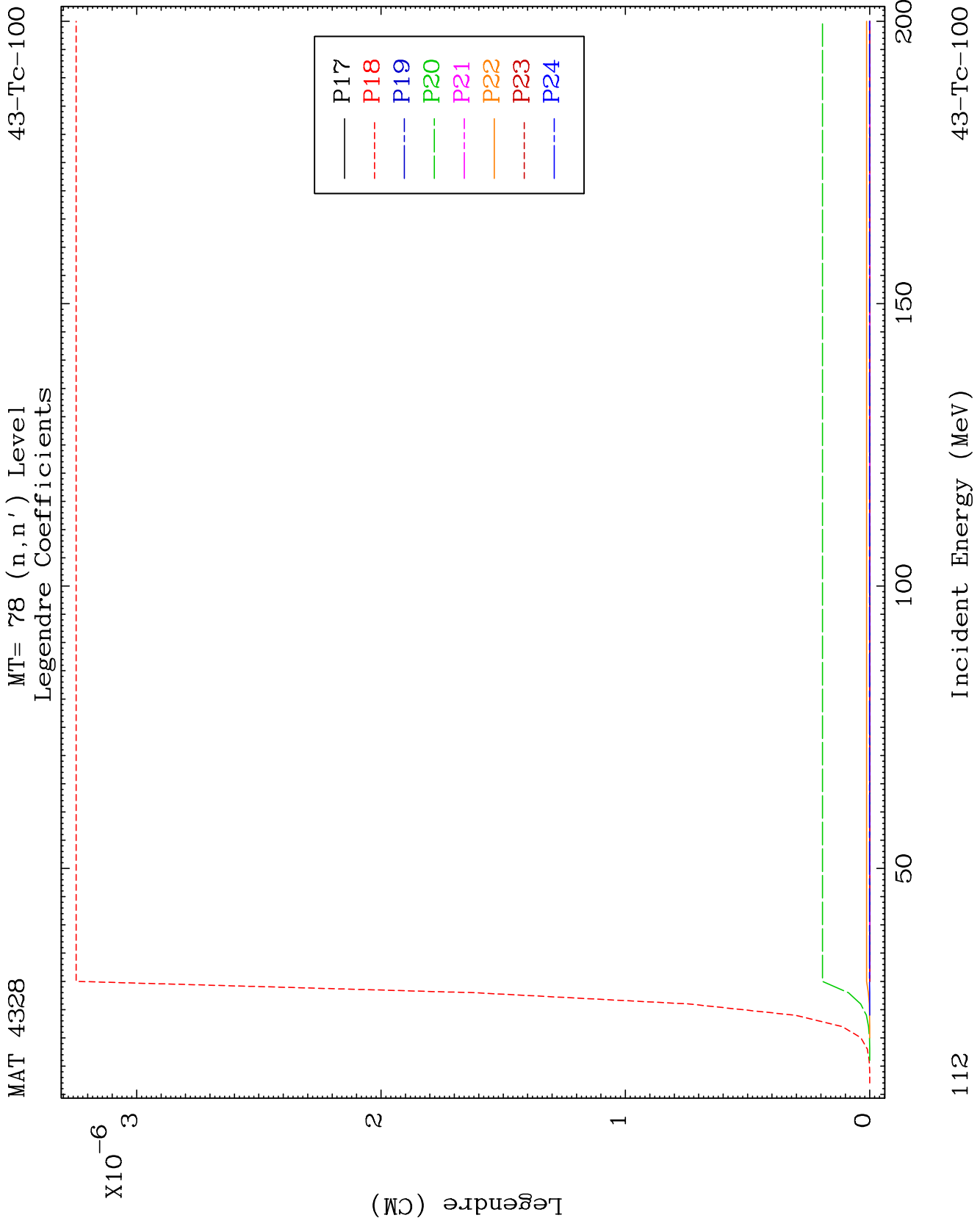
43-Tc-100



111

Incident Energy (MeV)

43-Tc-100

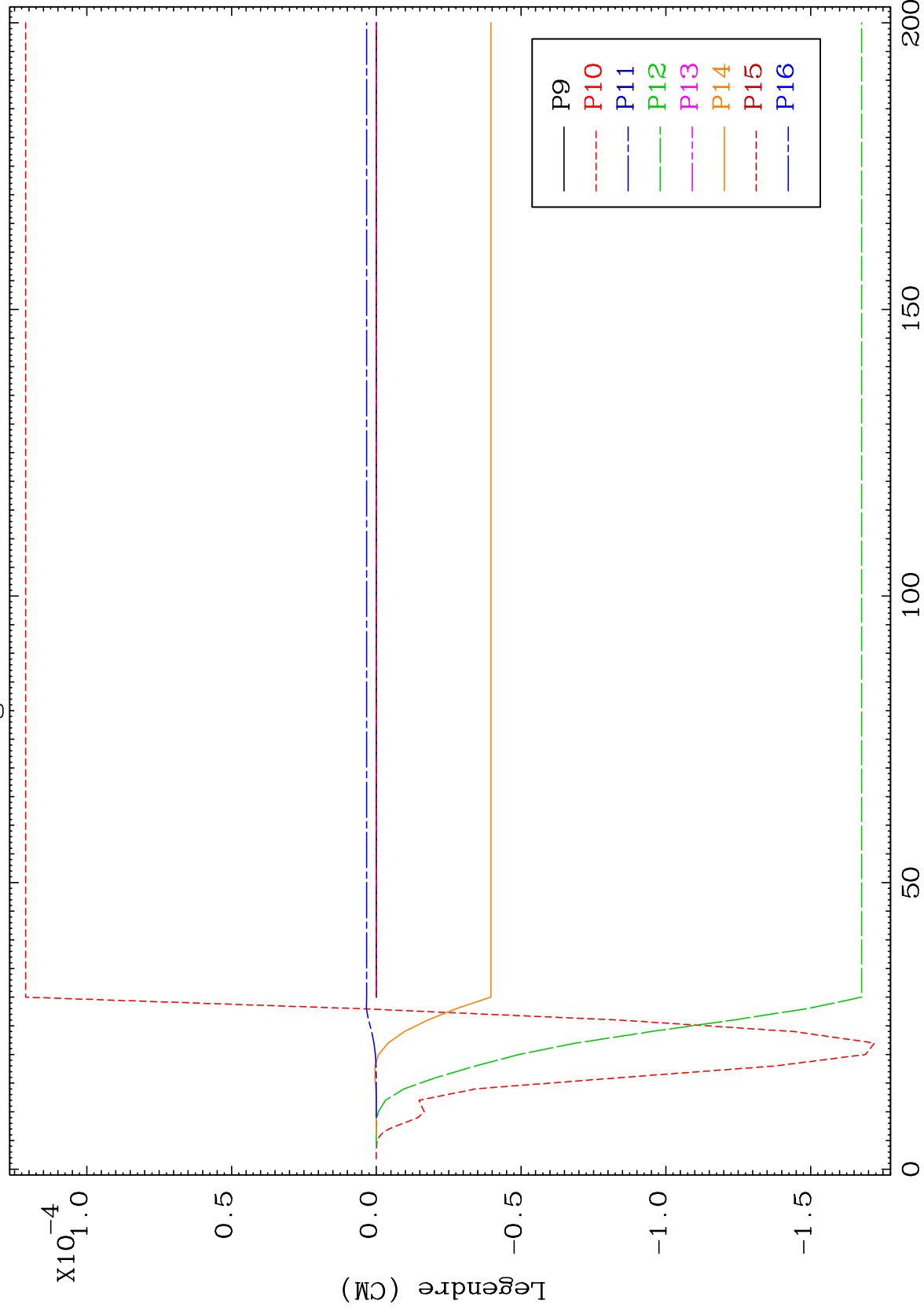




MAT 4328

MT= 79 (n,n') Level  
Legendre Coefficients

43-Tc-100



114

Incident Energy (MeV)

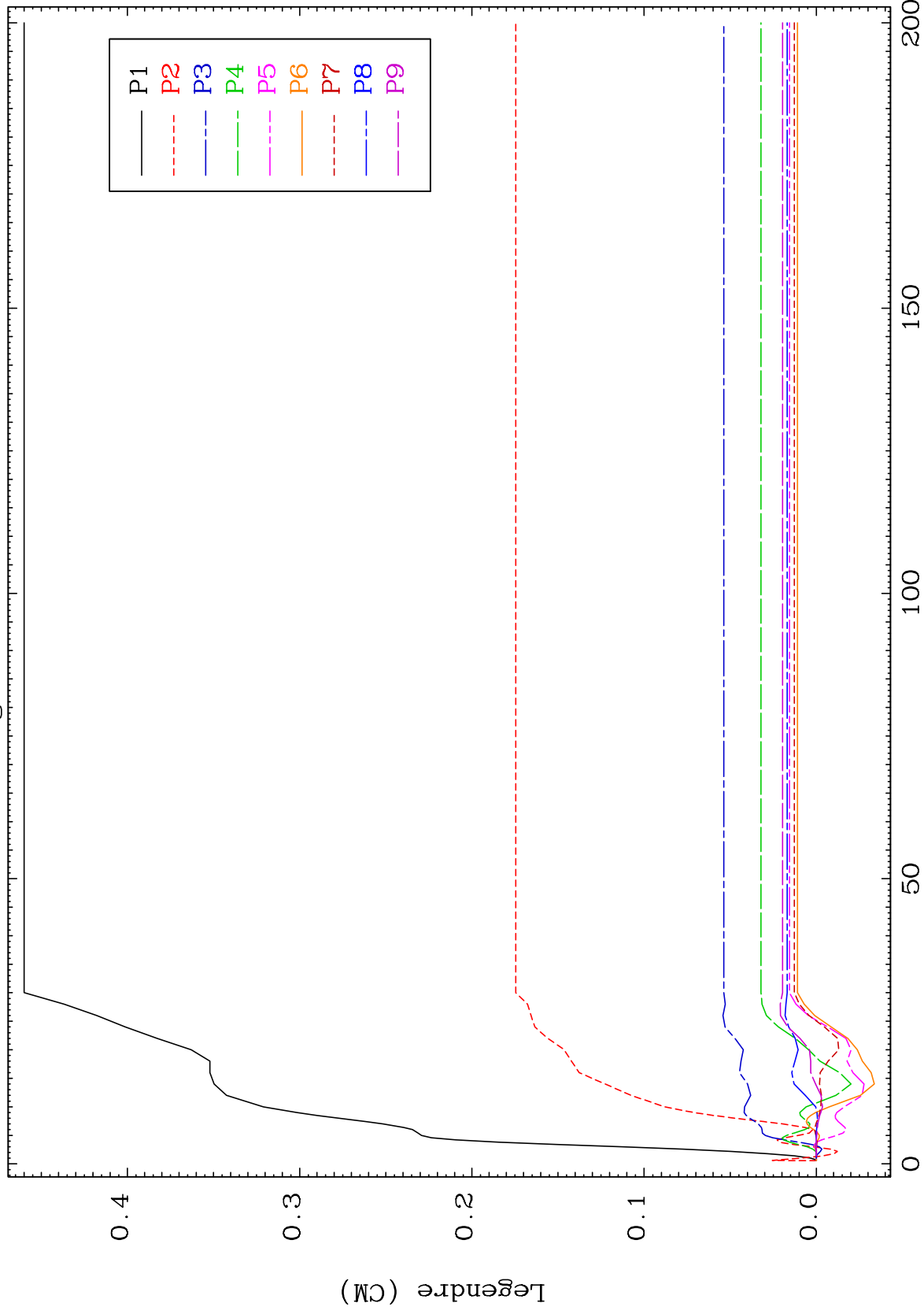
43-Tc-100



MAT 4328

MT= 80 (n,n') Level  
Legendre Coefficients

43-Tc-100



116

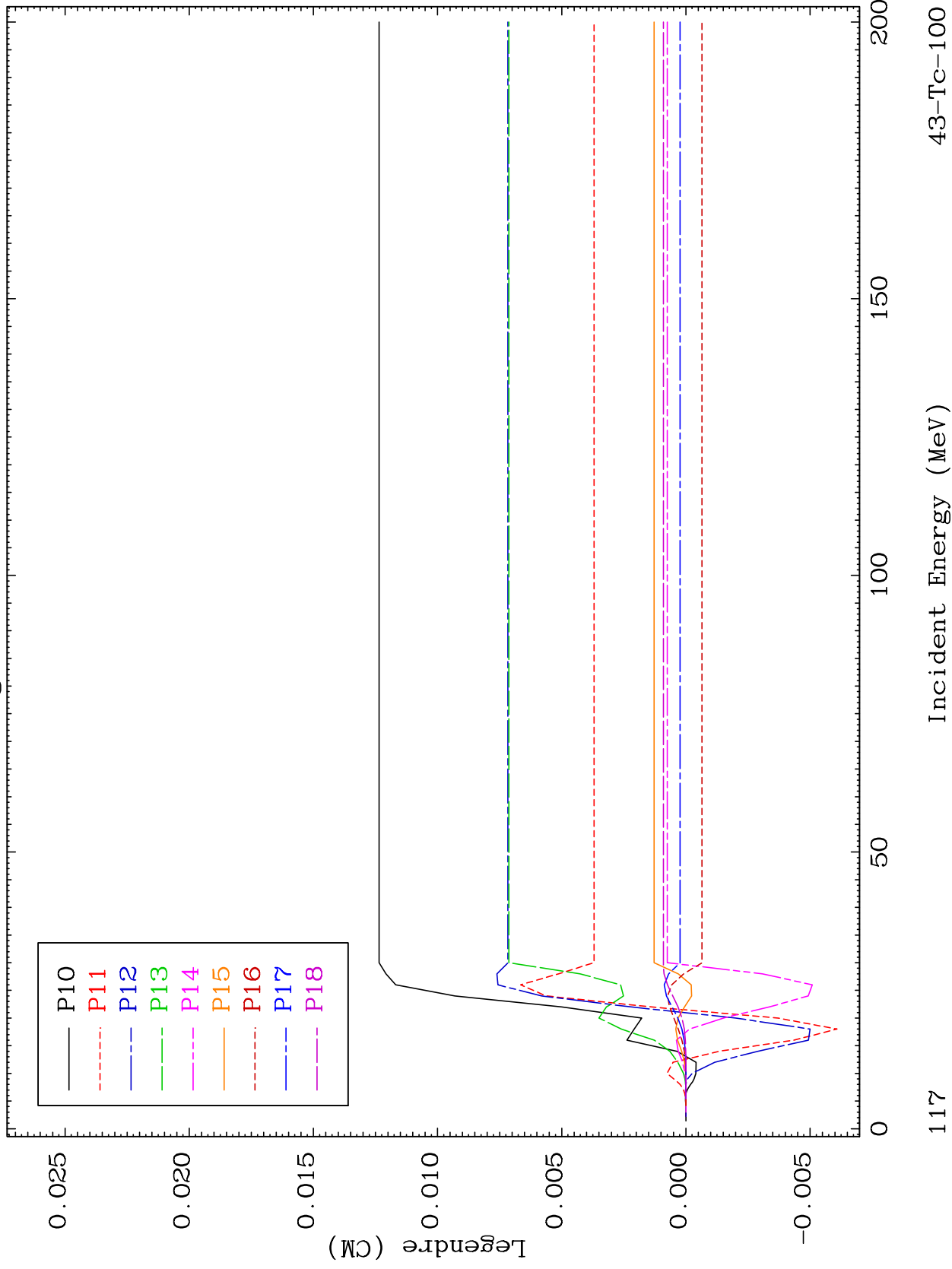
Incident Energy (MeV)

43-Tc-100

MAT 4328

MT= 80 (n,n') Level  
Legendre Coefficients

43-Tc-100



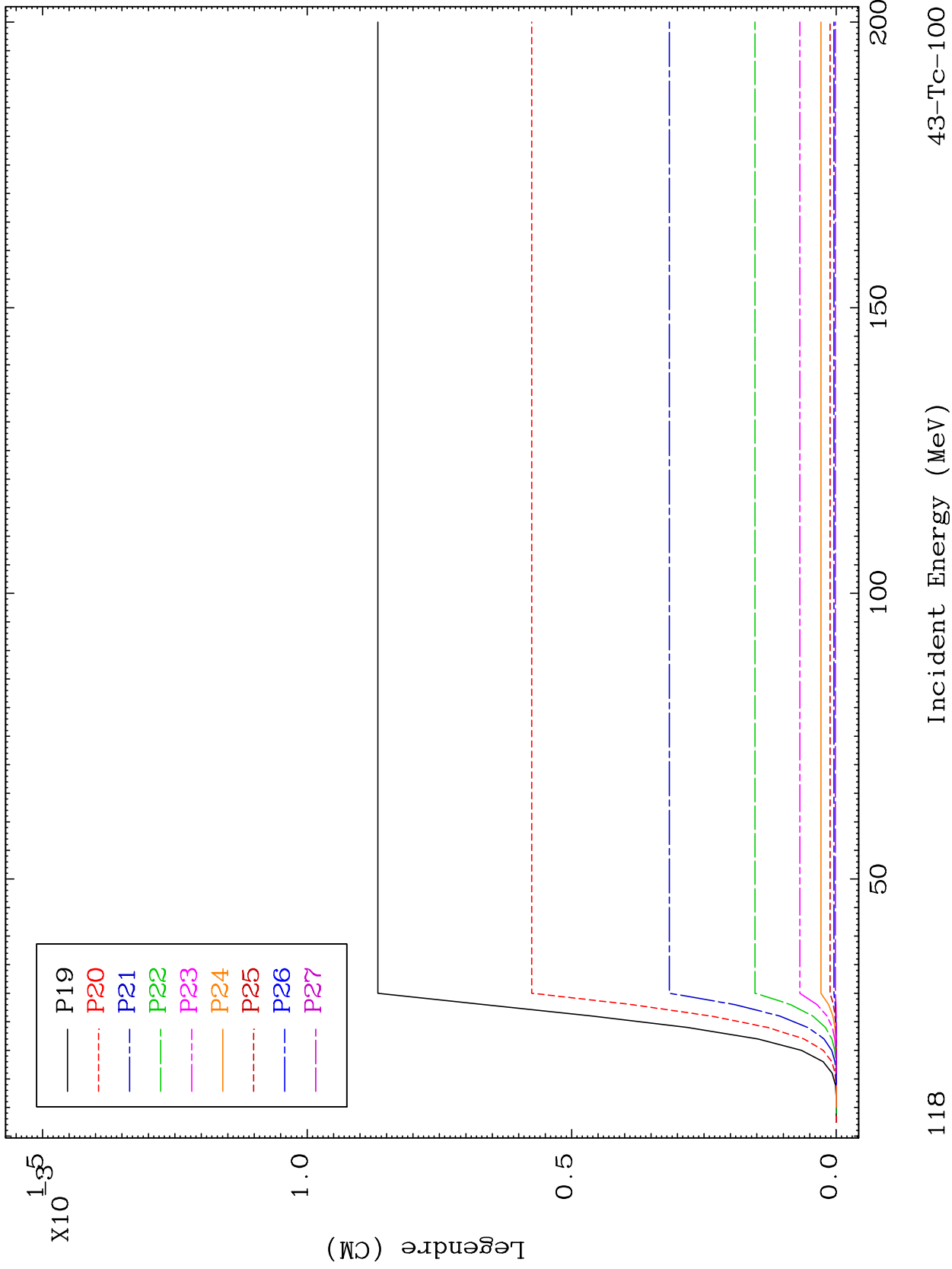
117

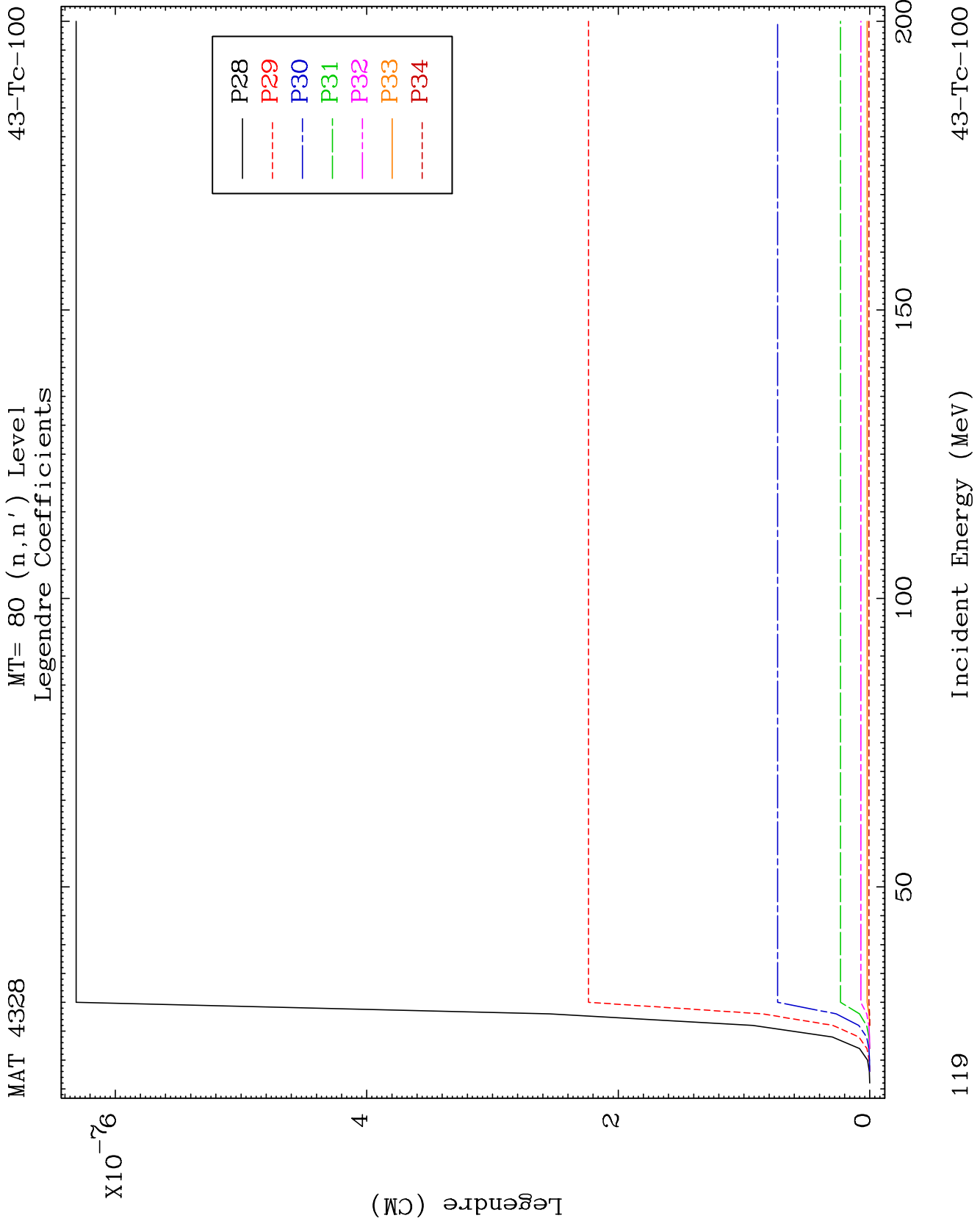
43-Tc-100

MAT 4328

MT= 80 (n,n') Level  
Legendre Coefficients

43-Tc-100

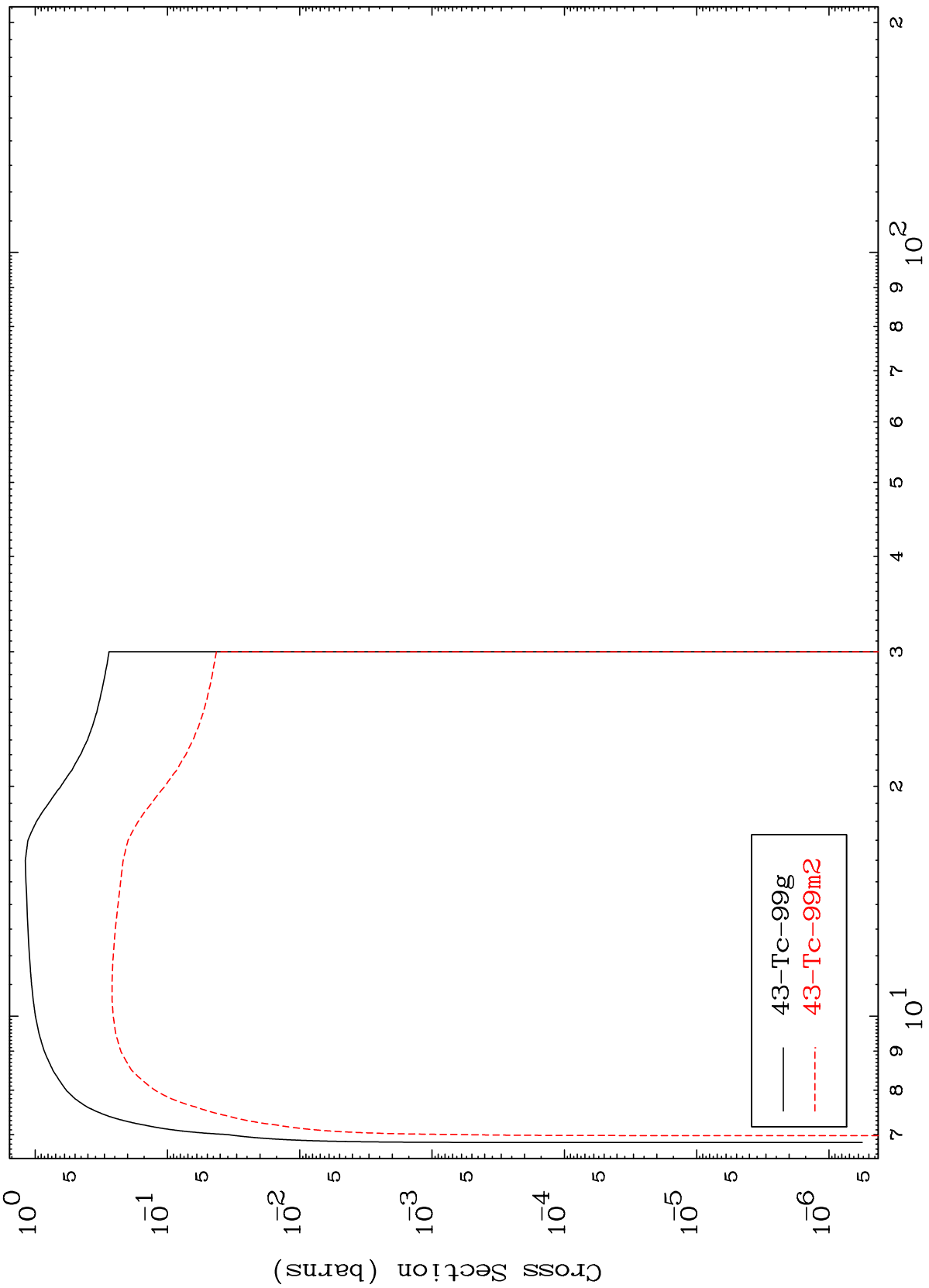




MAT 4328

43-Tc-100

(n,2n)  
Radionuclide Production Cross Section



— 43-Tc-99g  
- - - 43-Tc-99m2

43-Tc-100

Incident Energy (MeV)

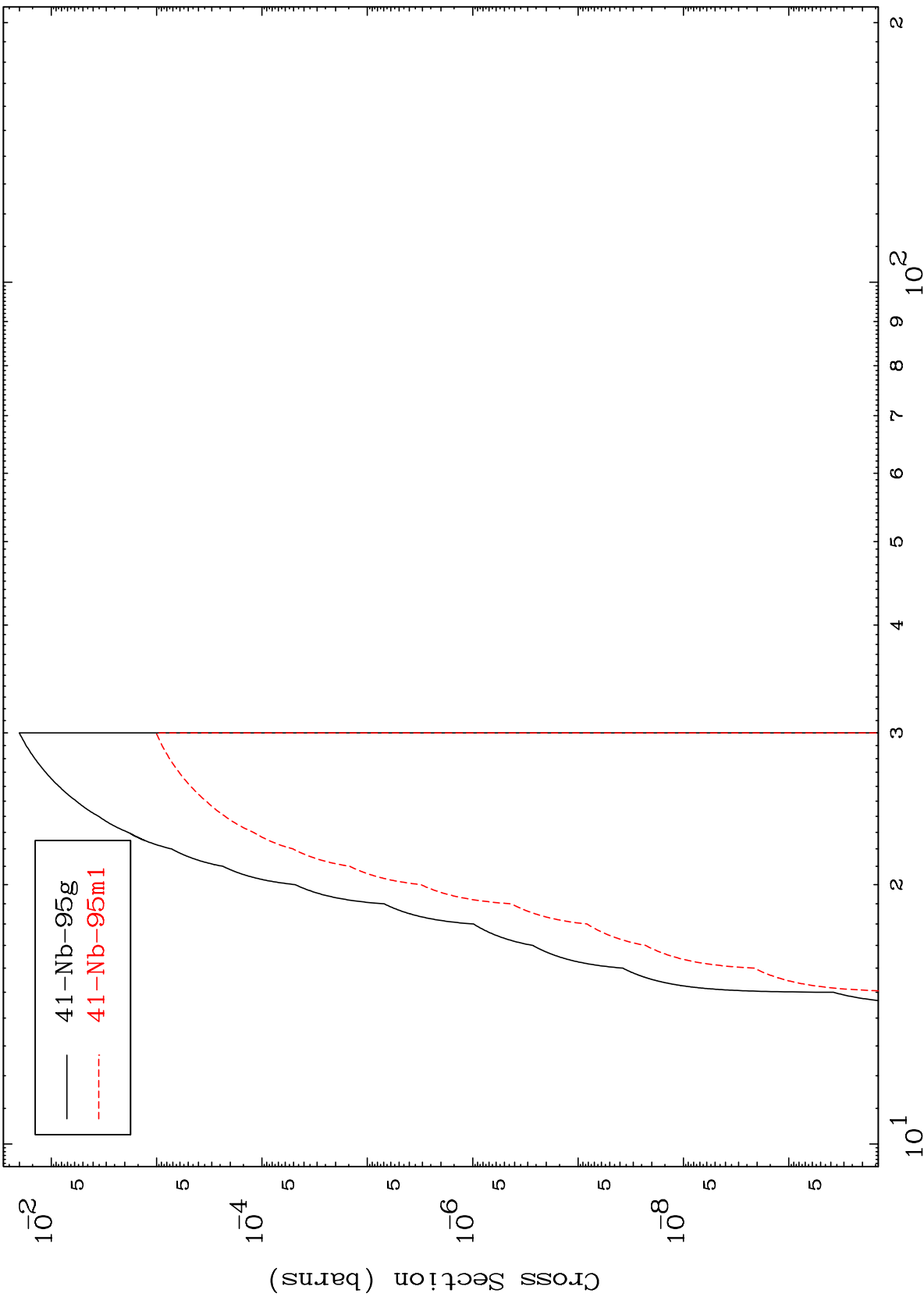
120

MAT 4328

(n,2n)  $\alpha$

43-Tc-100

Radionuclide Production Cross Section



41-Nb-95g  
41-Nb-95m1

Incident Energy (MeV)

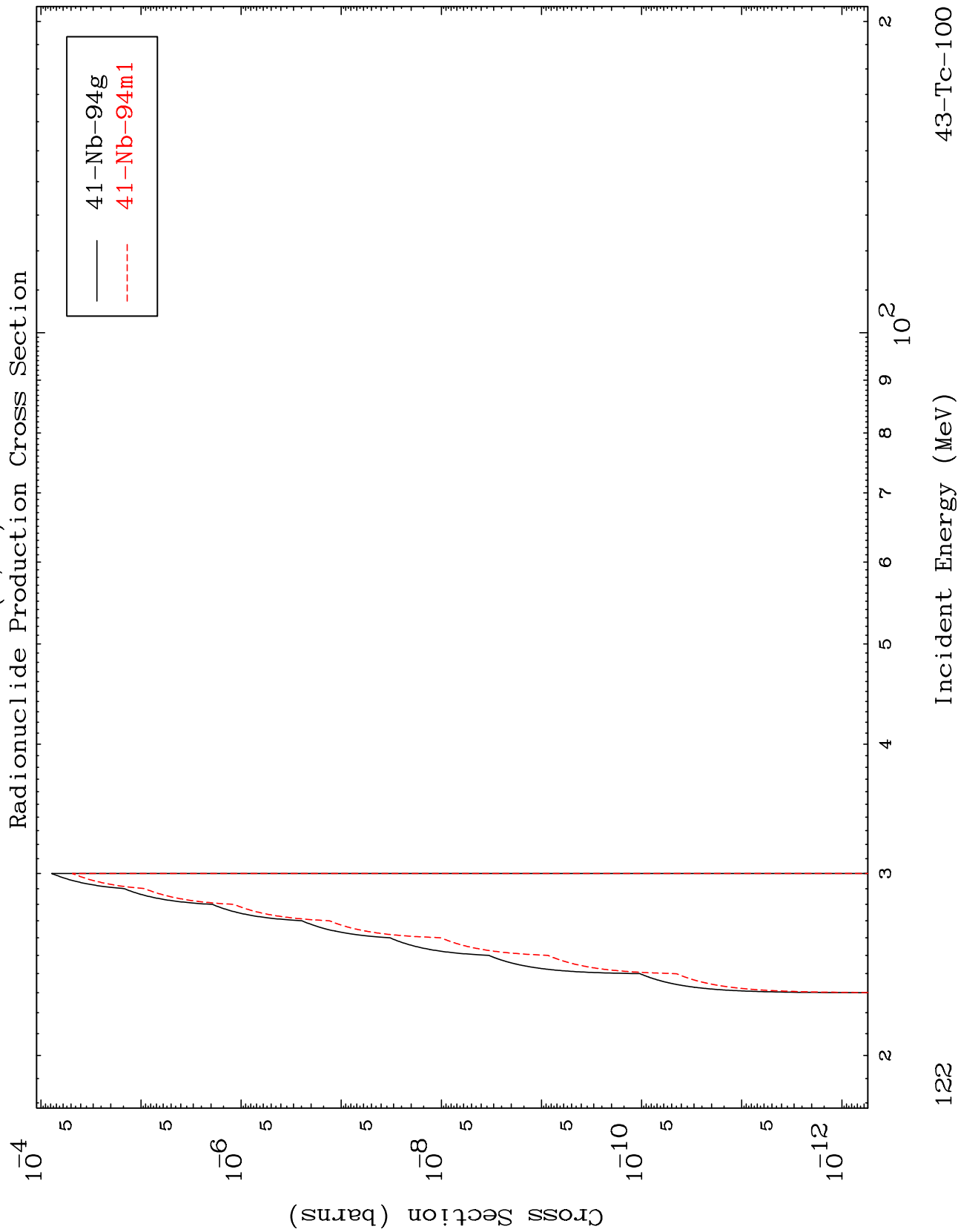
43-Tc-100

121

MAT 4328

(n,3n)  $\alpha$

43-Tc-100



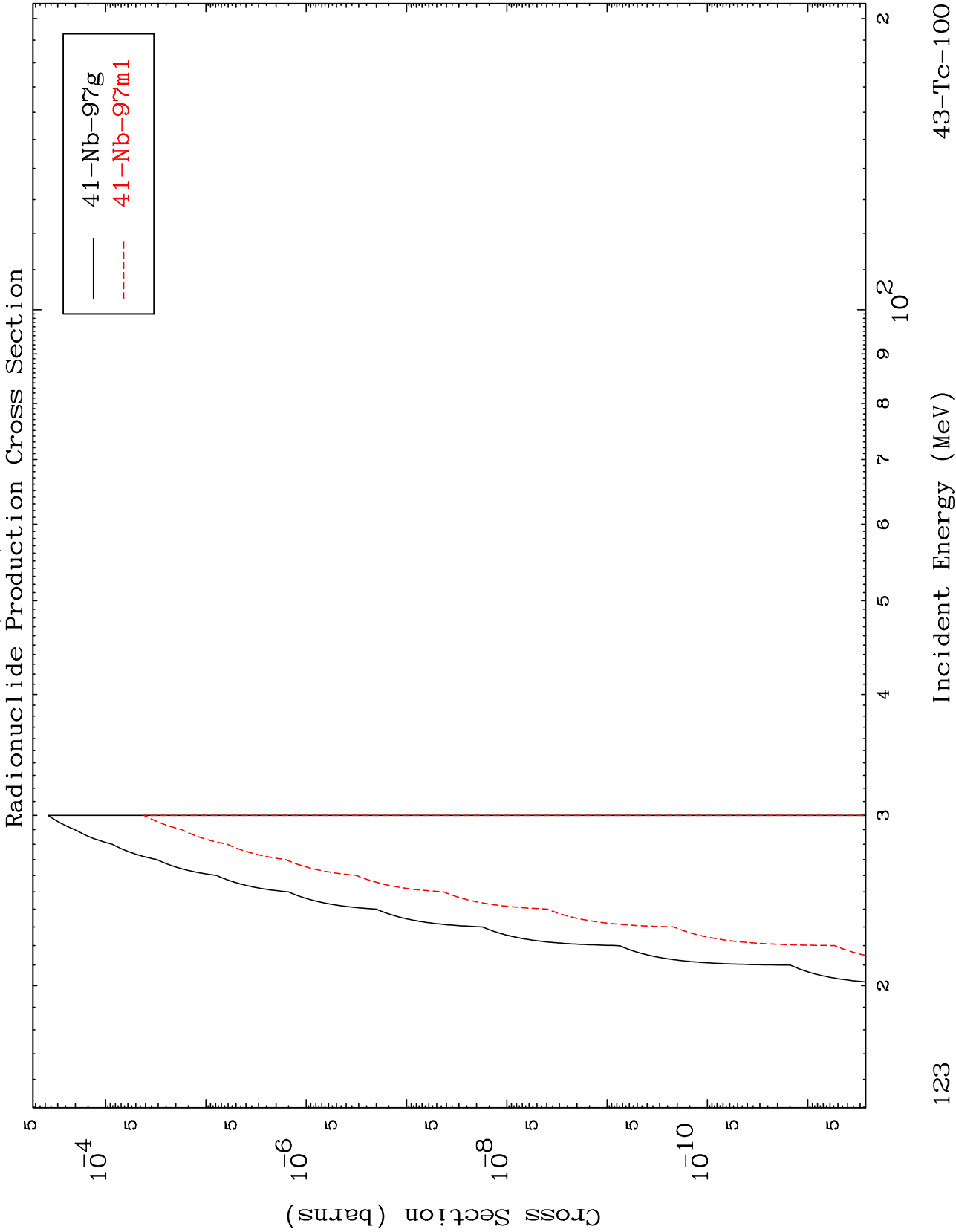
122

43-Tc-100

MAT 4328

(n,n') He-3

43-Tc-100



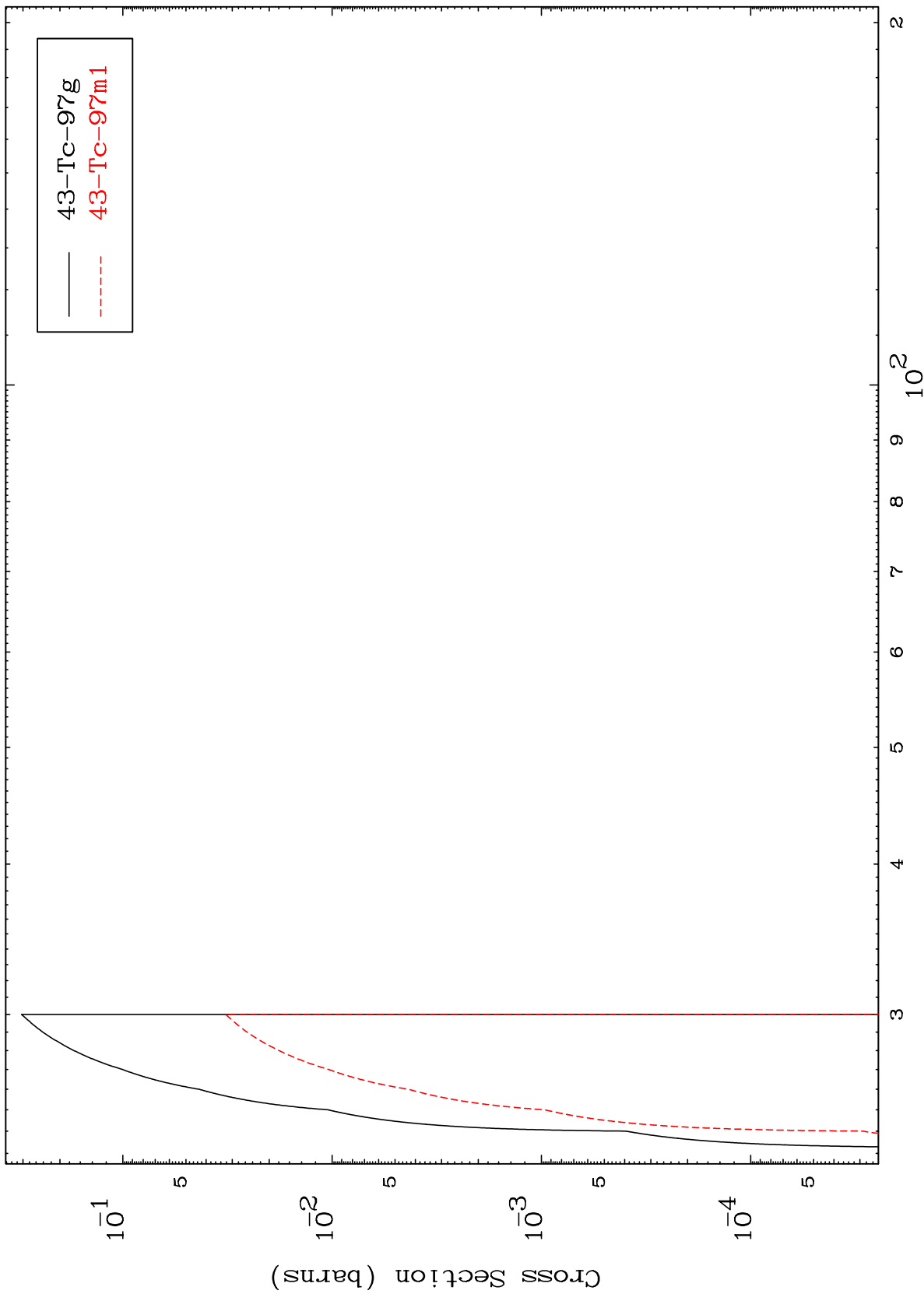
123

43-Tc-100

MAT 4328

43-Tc-100

(n,4n)  
Radionuclide Production Cross Section

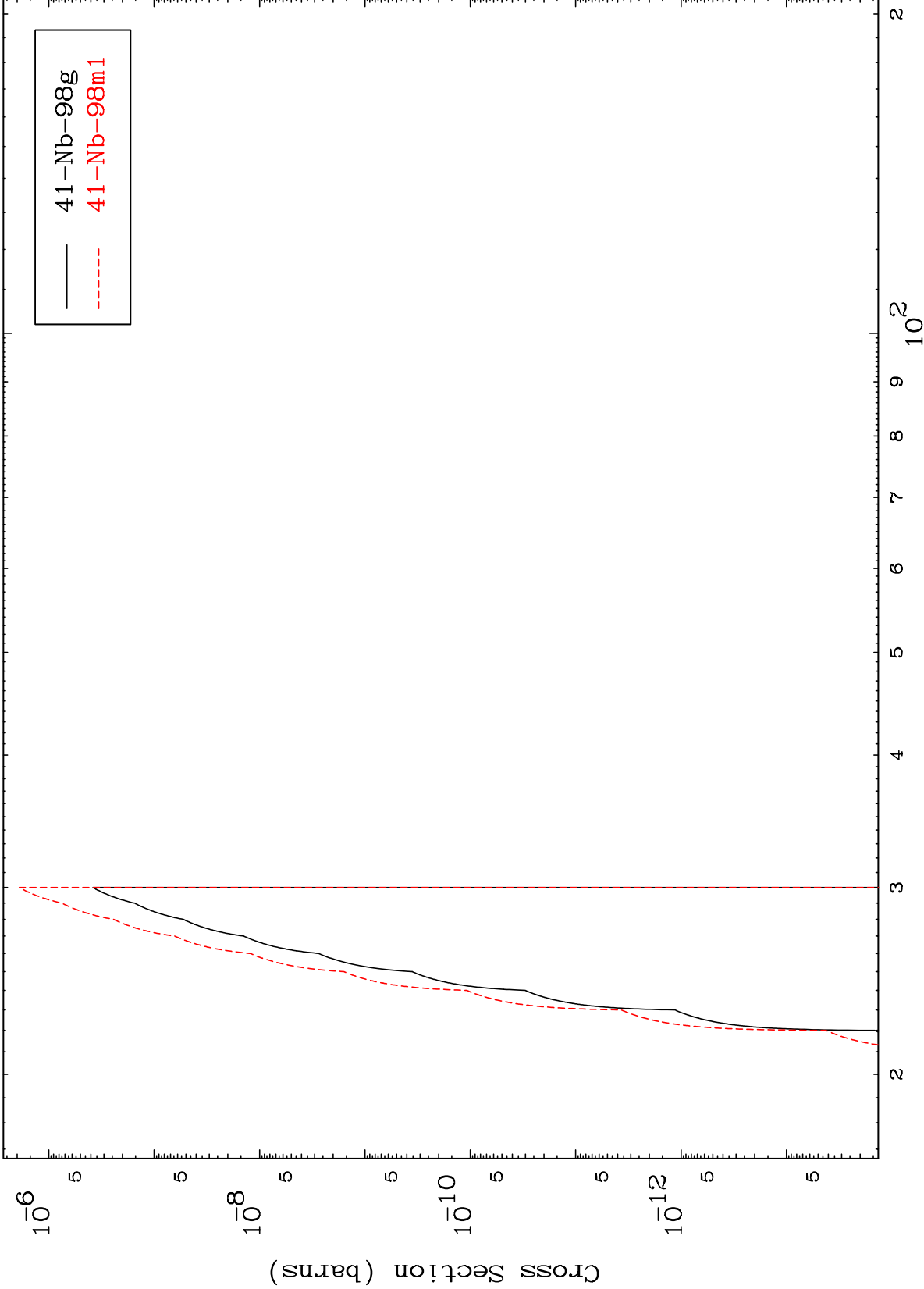


124

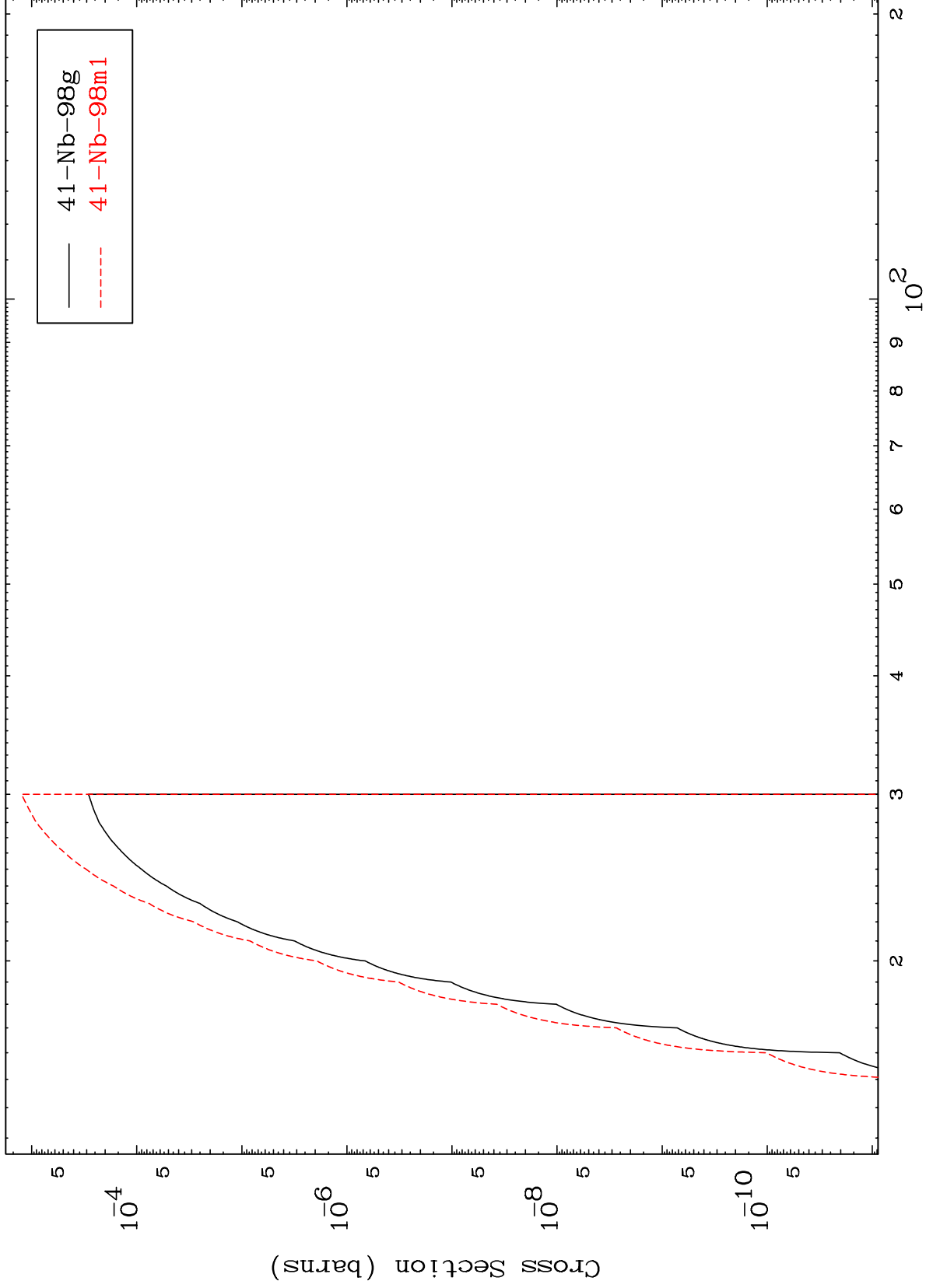
43-Tc-100

Incident Energy (MeV)

Radionuclide Production Cross Section



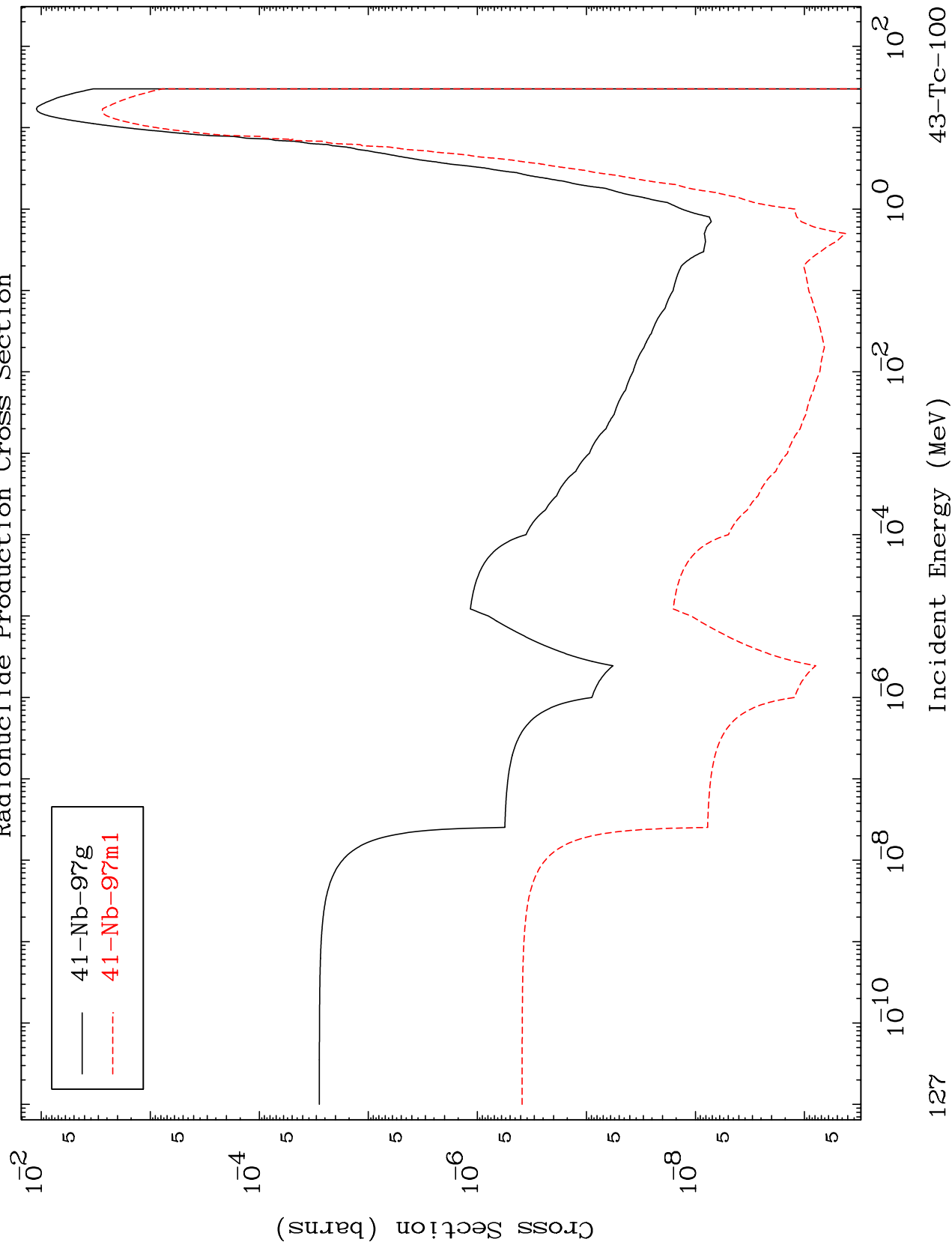
Radionuclide Production Cross Section



MAT 4328

43-Tc-100

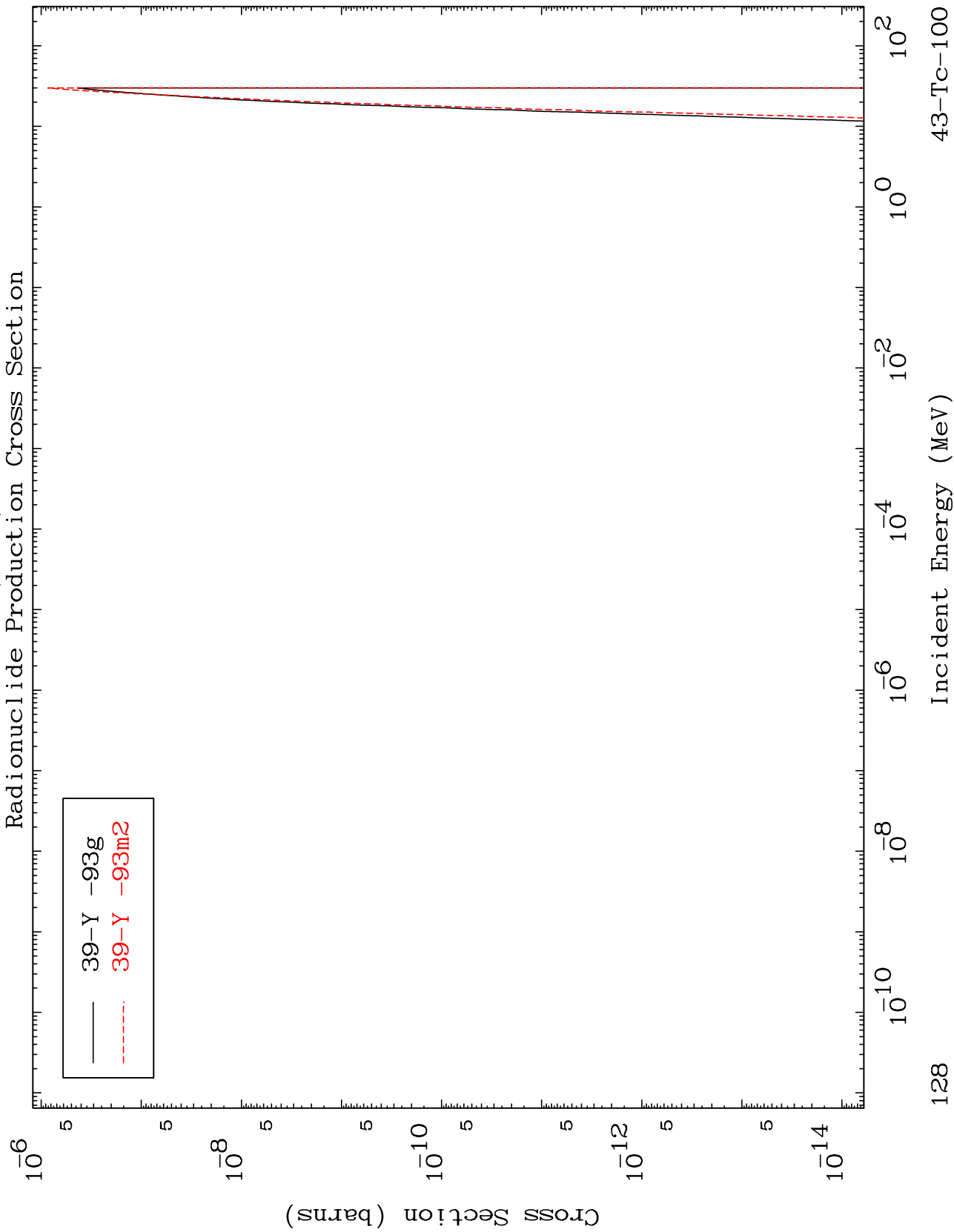
(n,  $\alpha$ )  
Radionuclide Production Cross Section



MAT 4328

43-Tc-100

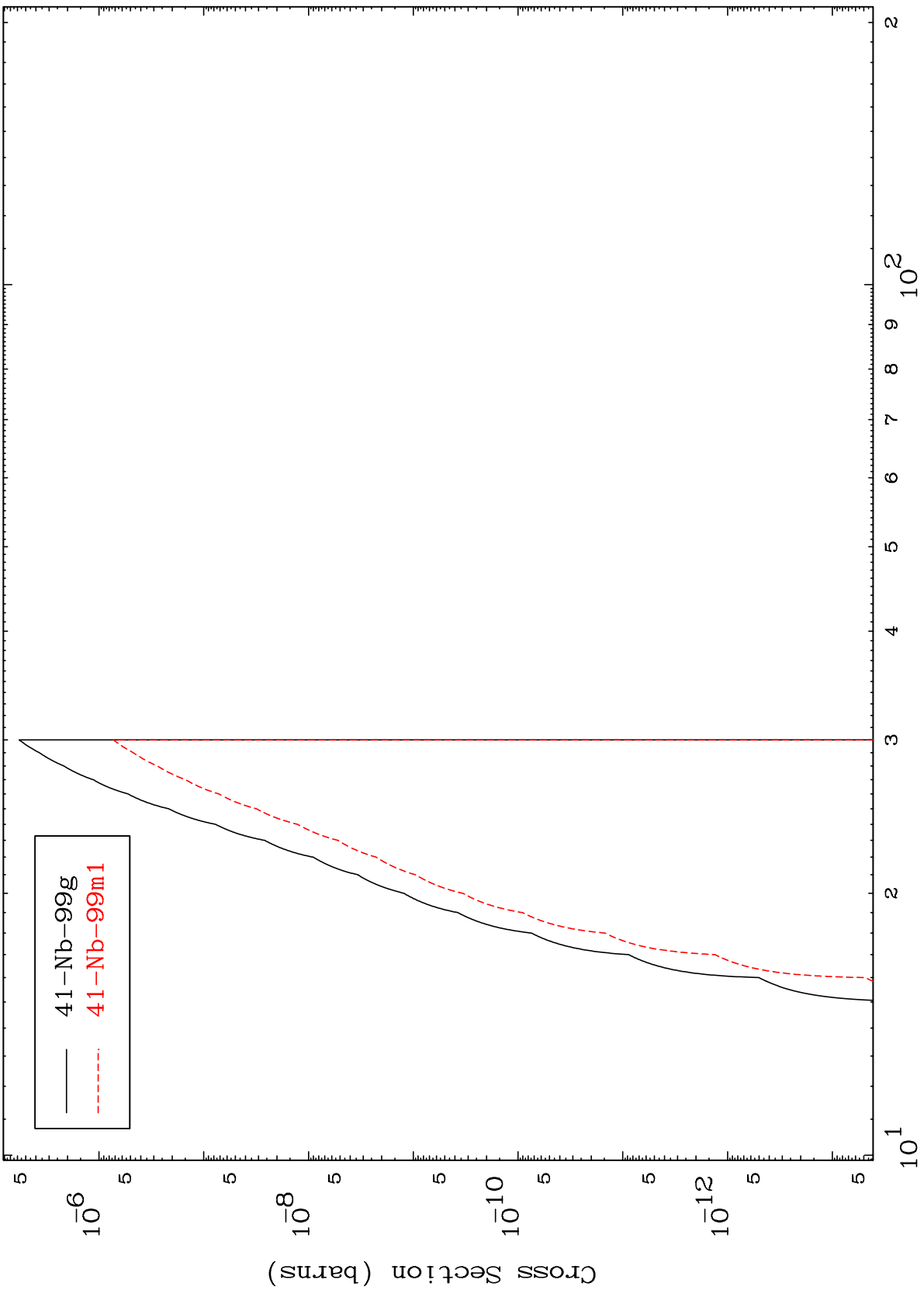
(n,2α)  
Radionuclide Production Cross Section



MAT 4328

43-Tc-100

(n,2p)  
Radionuclide Production Cross Section



— 41-Nb-99g  
- - - 41-Nb-99m1

43-Tc-100

Incident Energy (MeV)

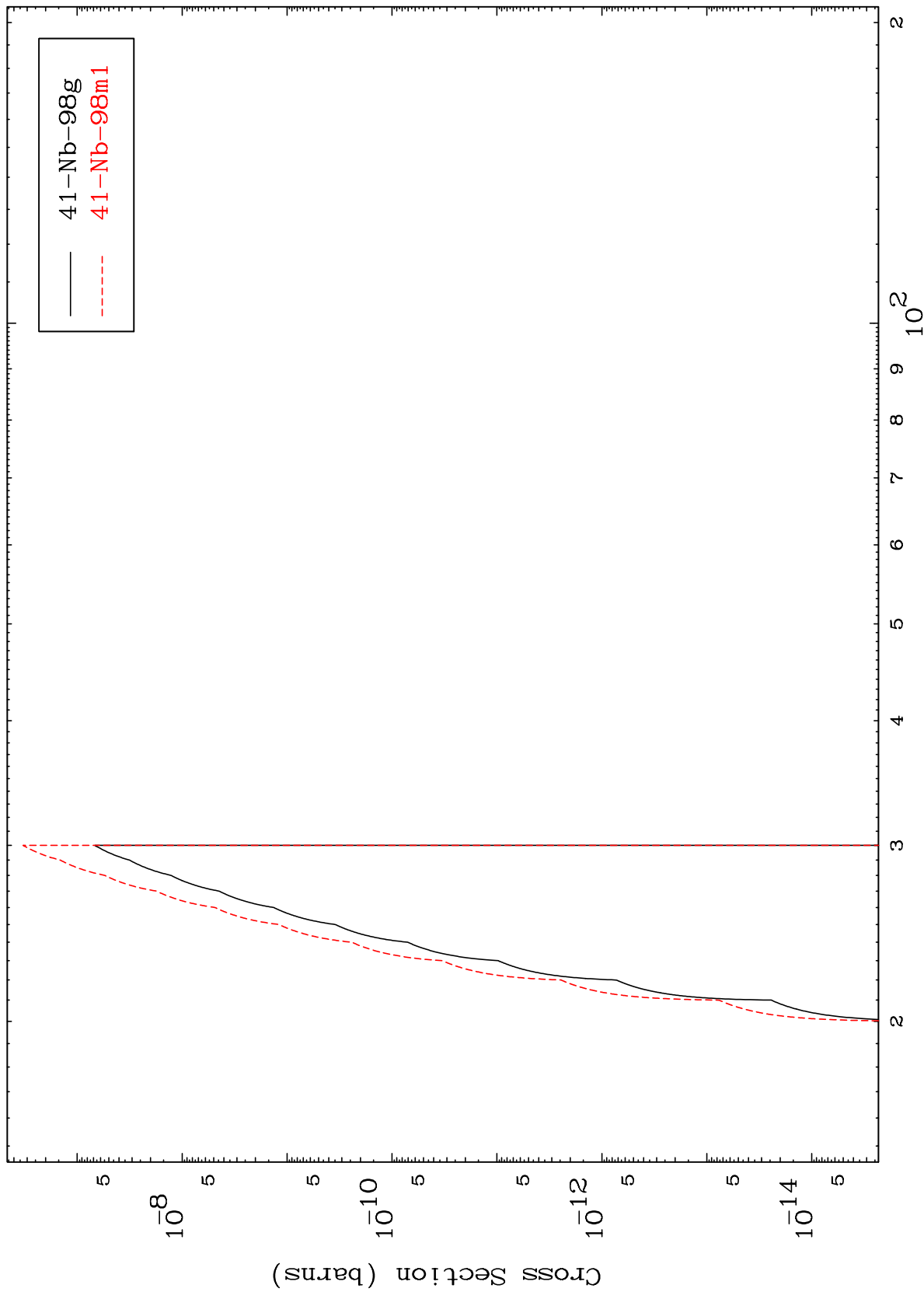
129

MAT 4328

(n,p) d

43-Tc-100

Radionuclide Production Cross Section



130

Incident Energy (MeV)

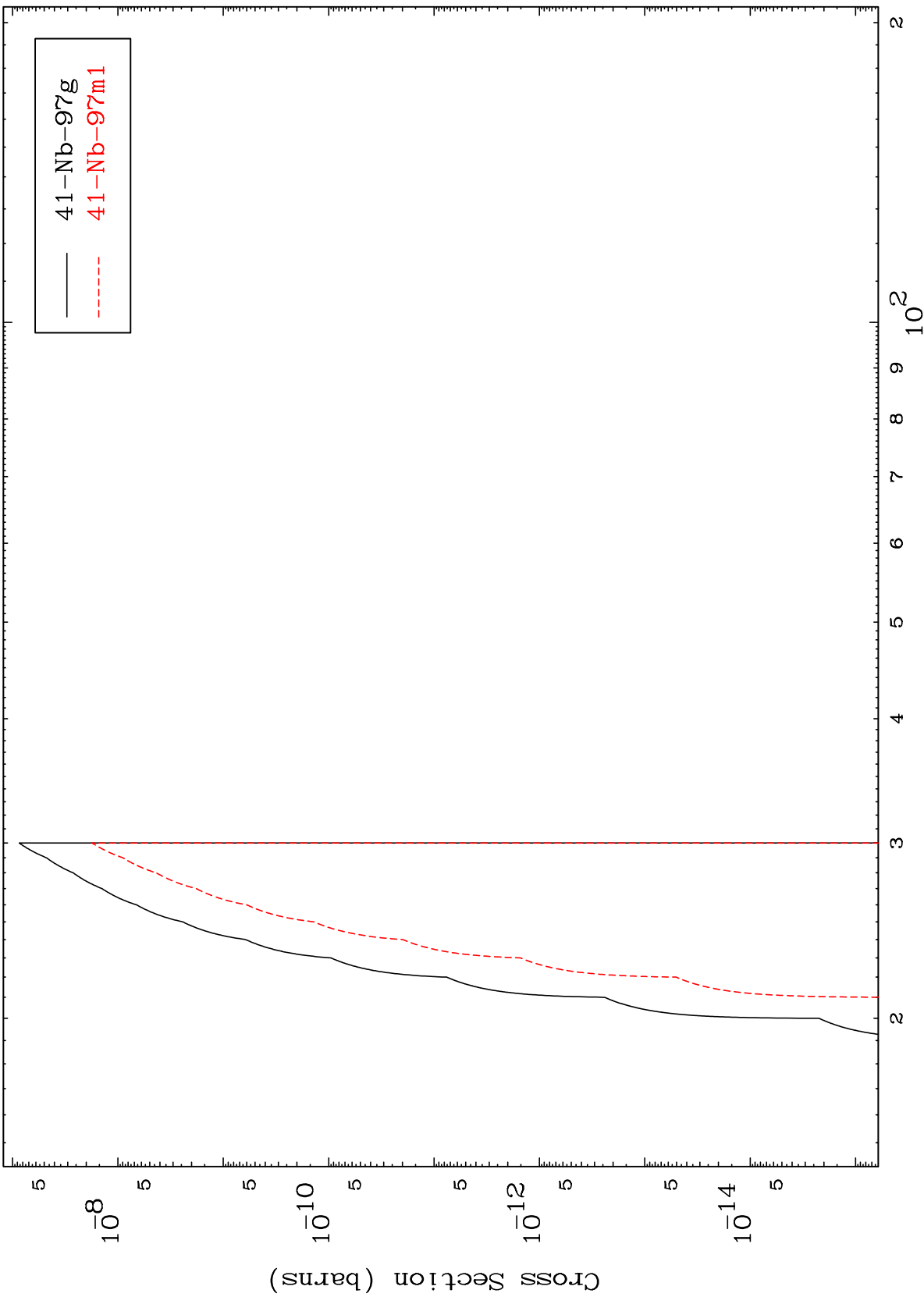
43-Tc-100

MAT 4328

(n,p) t

43-Tc-100

Radionuclide Production Cross Section



131

Incident Energy (MeV)

43-Tc-100