

Program EVALPLOT
(Version 2018-1)

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

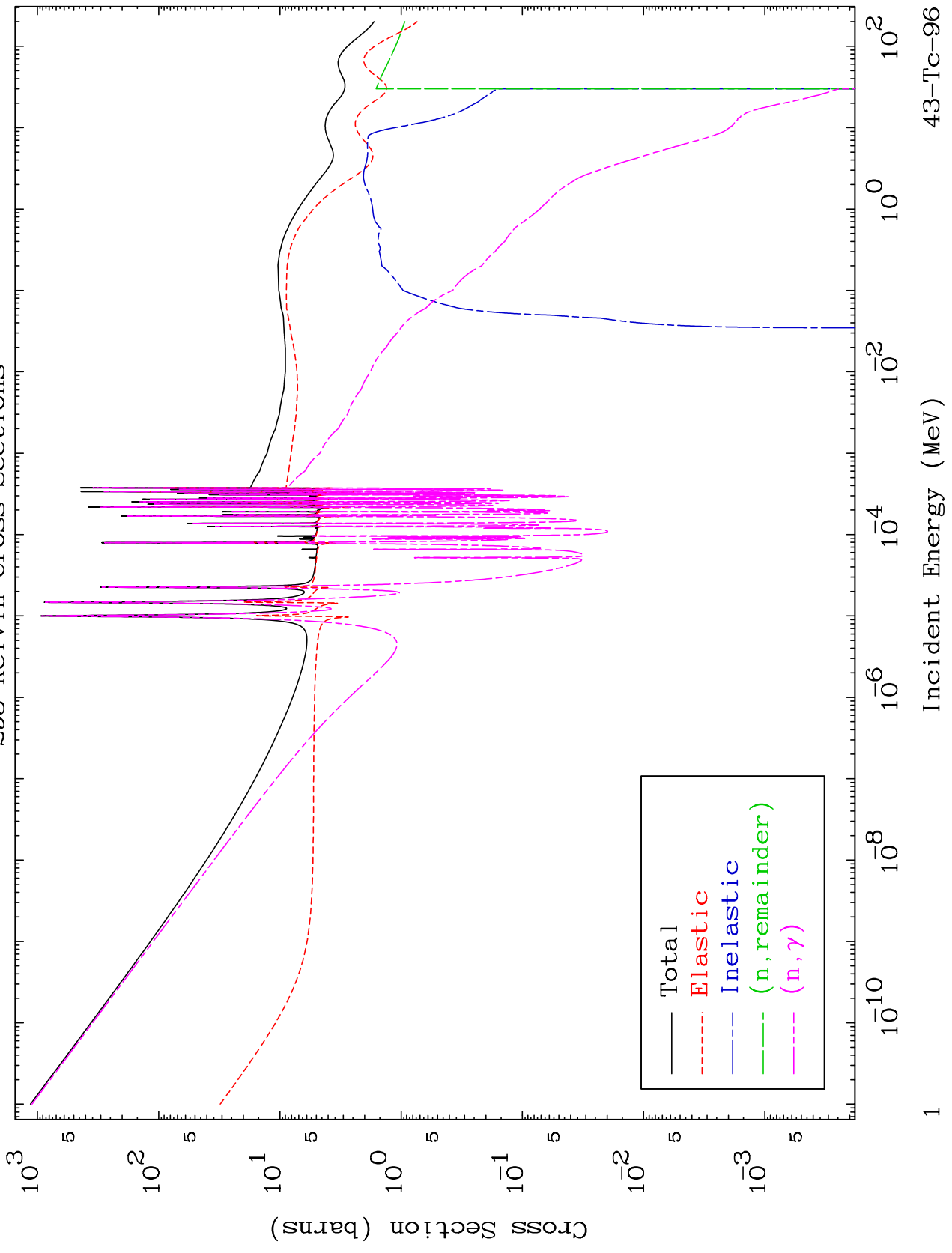
Press Mouse Button to Start

MAT 4316

Major

293 Kelvin Cross Sections

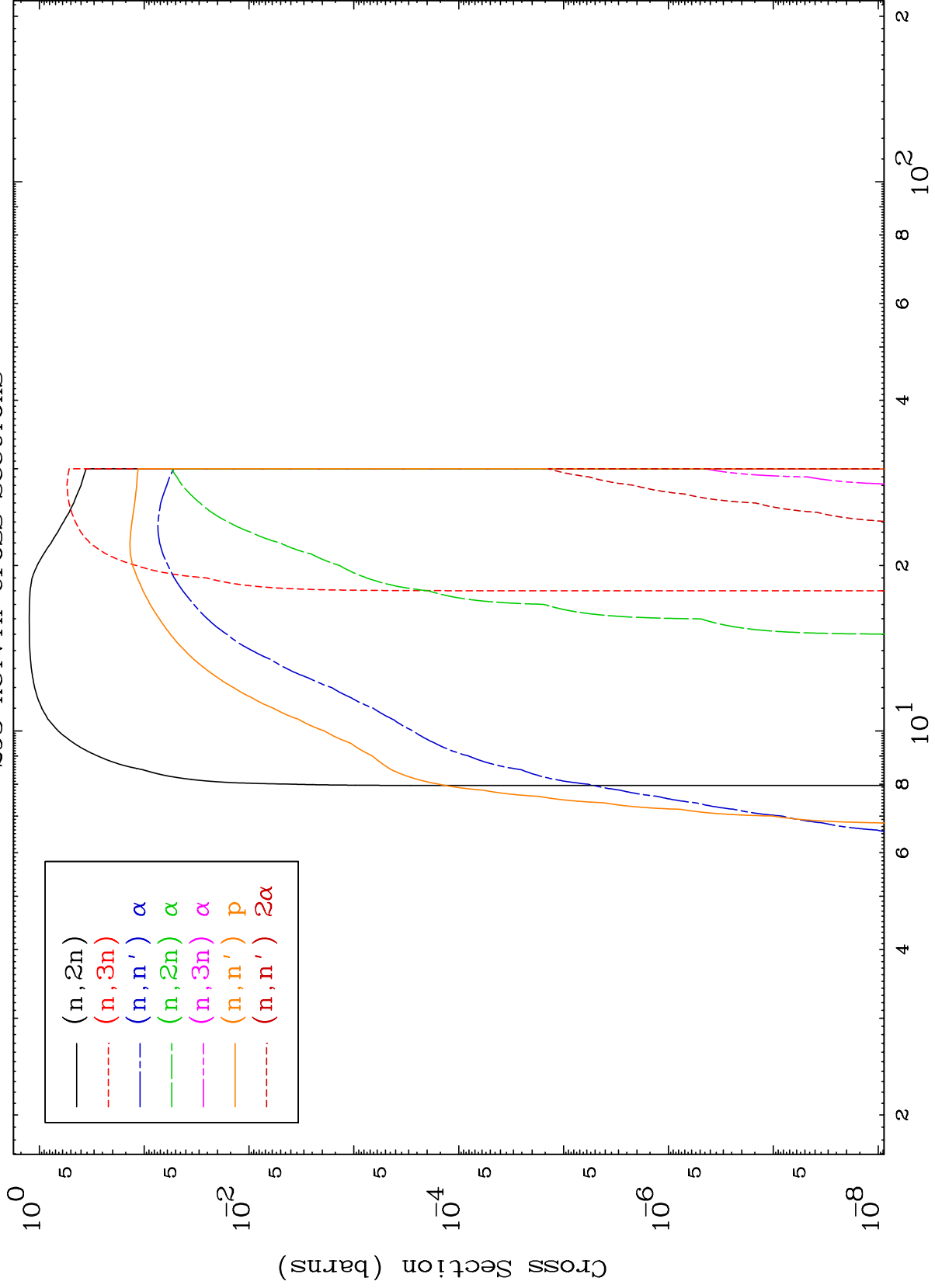
43-Tc-96



MAT 4316

Neutron Production
293 Kelvin Cross Sections

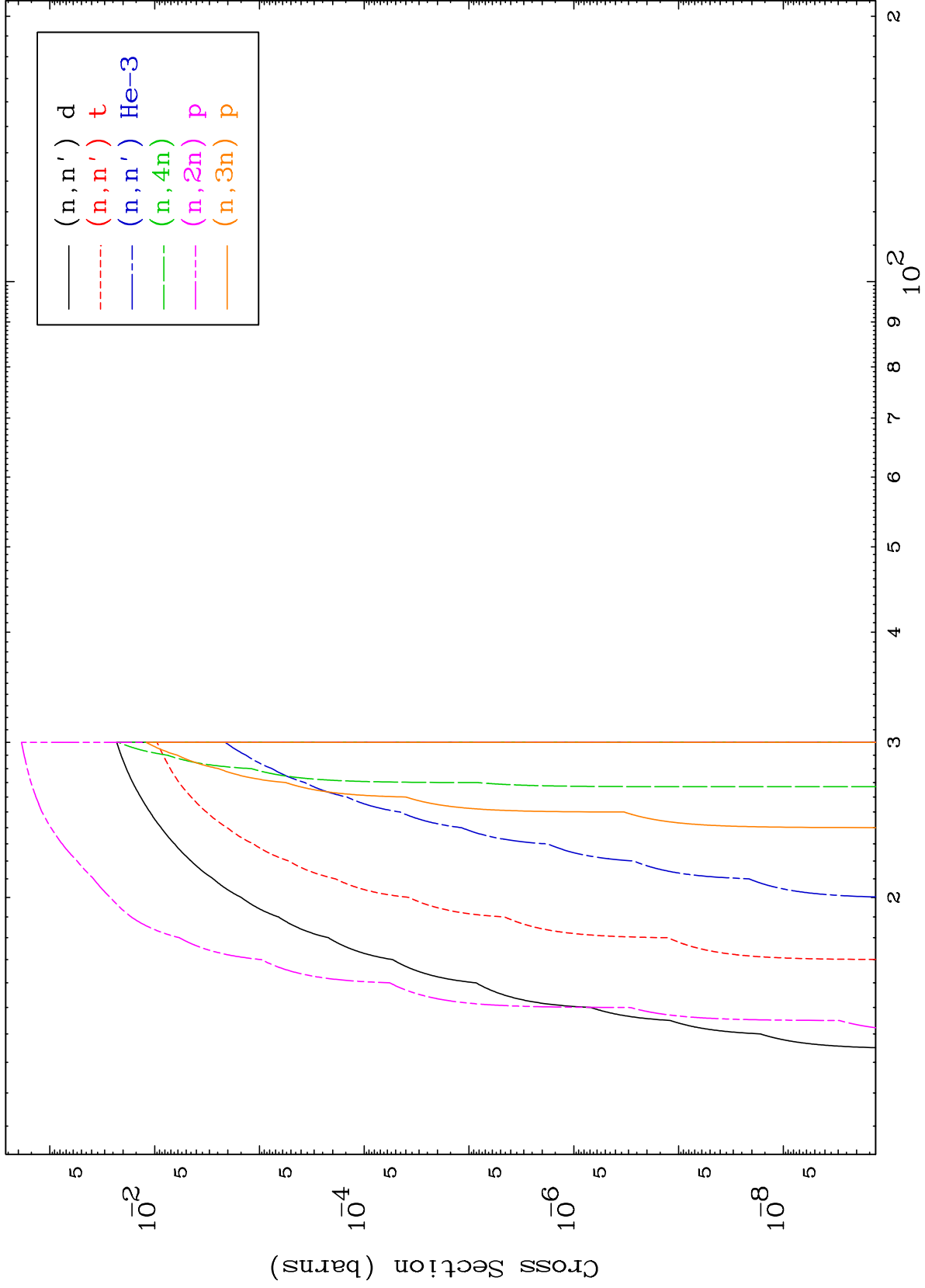
43-Tc-96

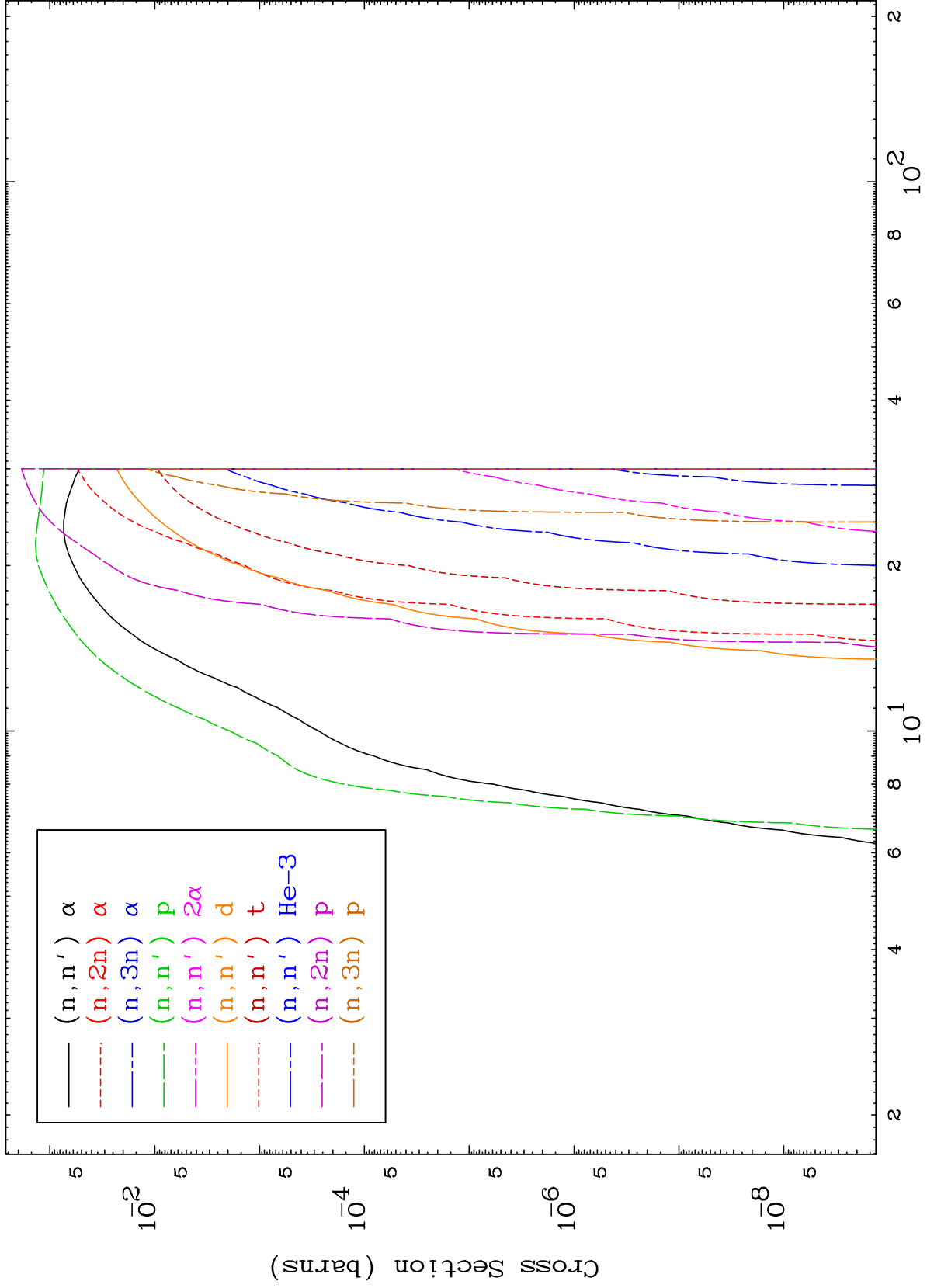


2

Incident Energy (MeV)

43-Tc-96

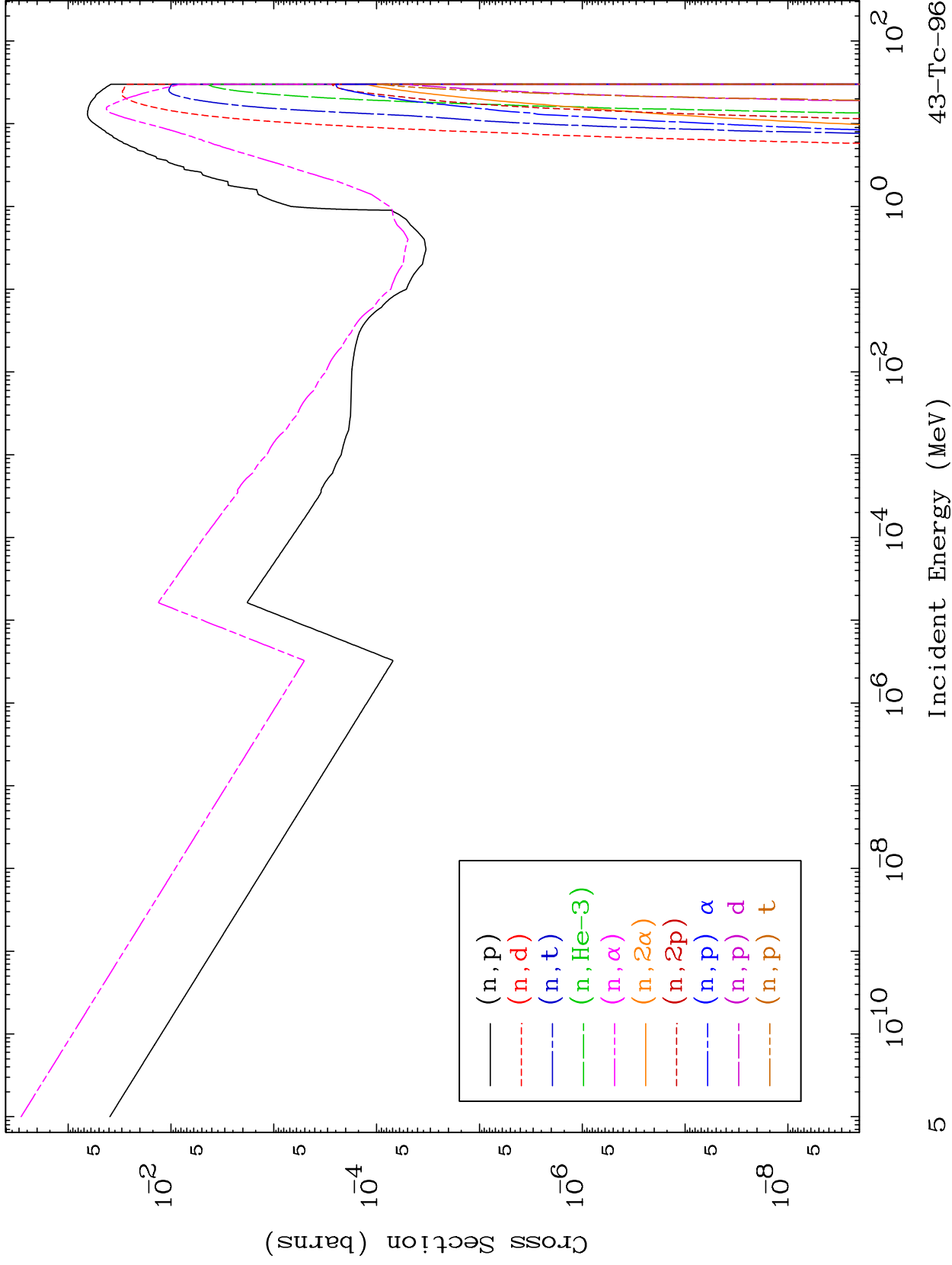




MAT 4316

Charged Particle
293 Kelvin Cross Sections

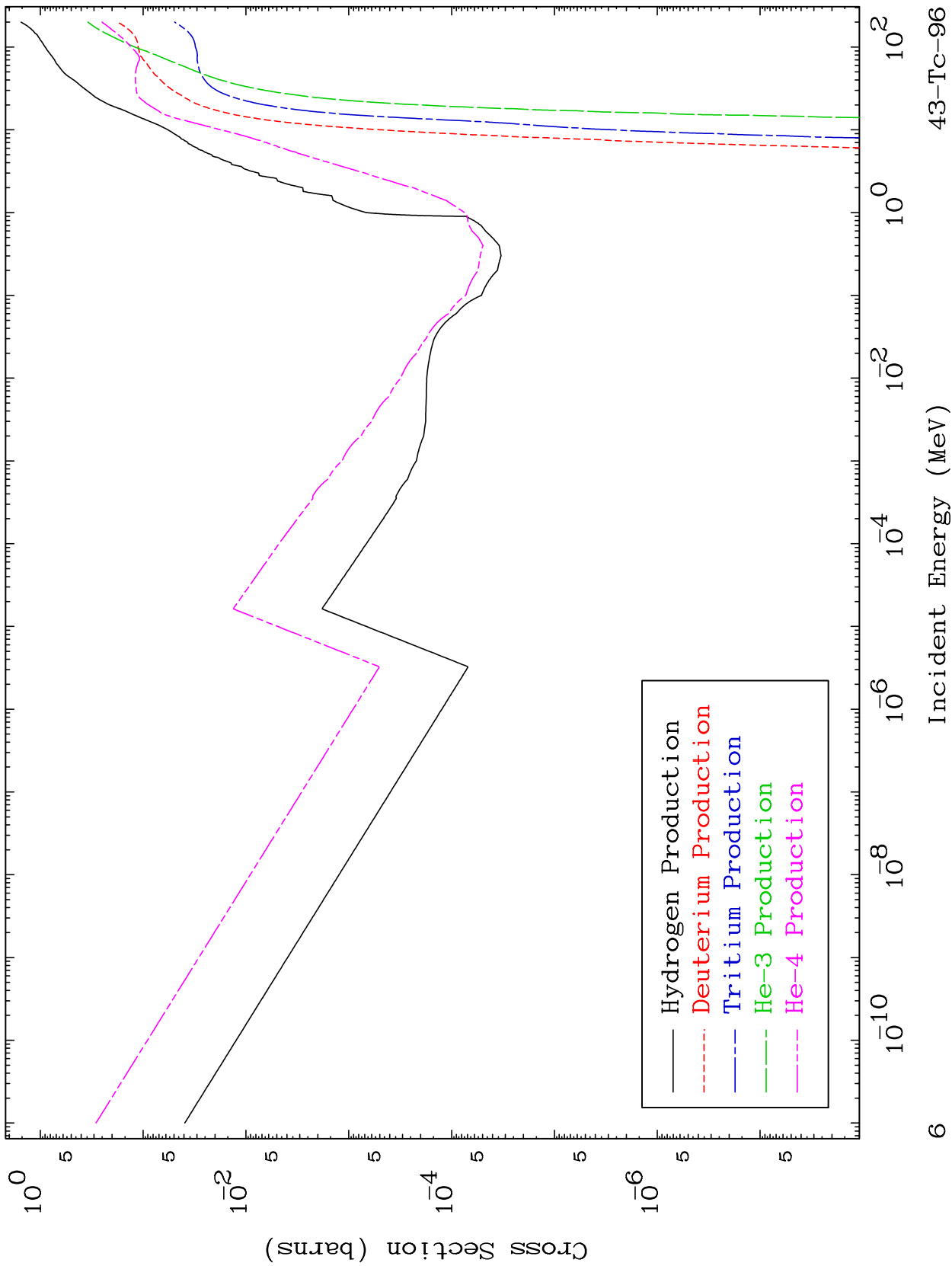
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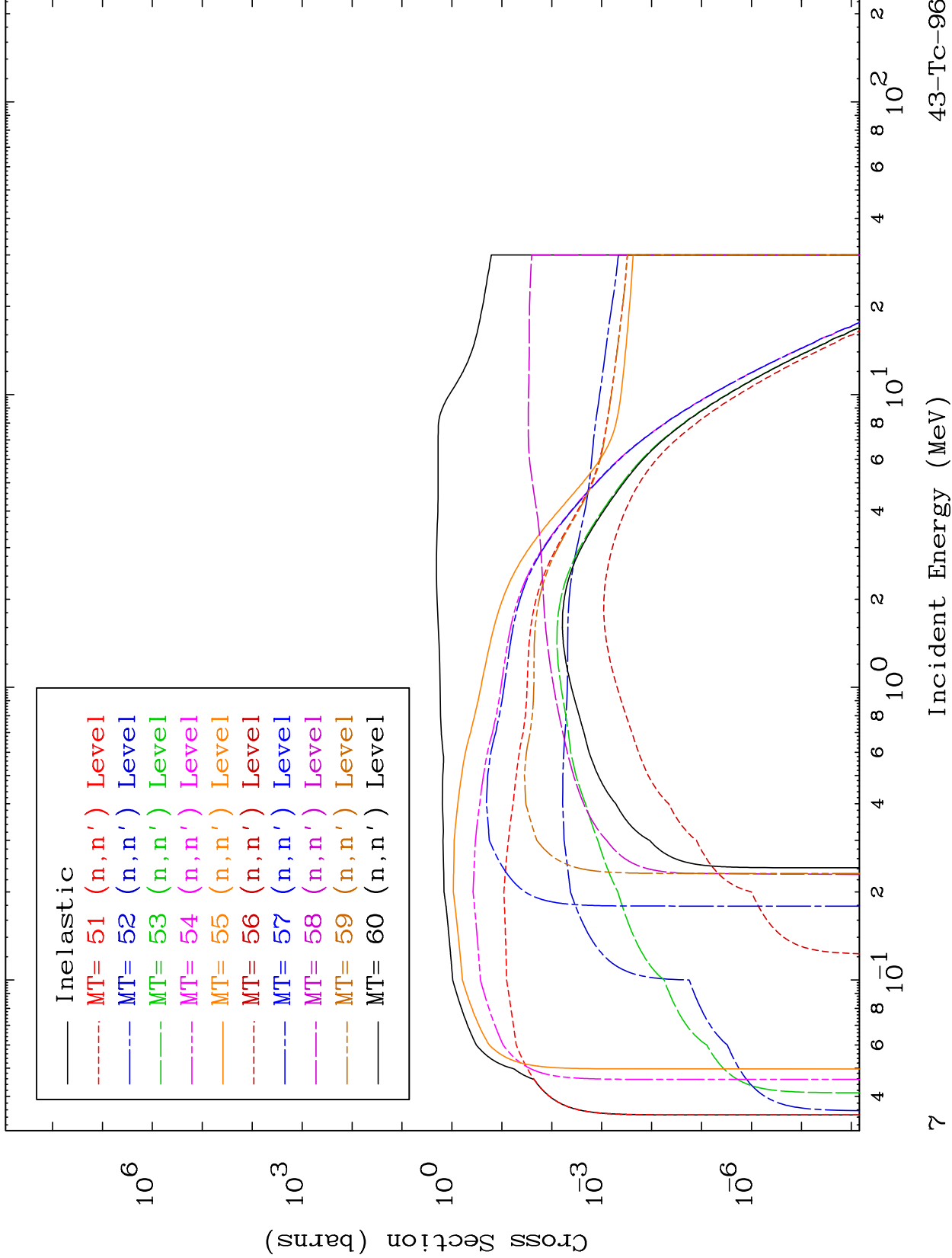
MAT 4316

Particle Production
293 Kelvin Cross Sections

43-Tc-96



293 Kelvin Cross Sections

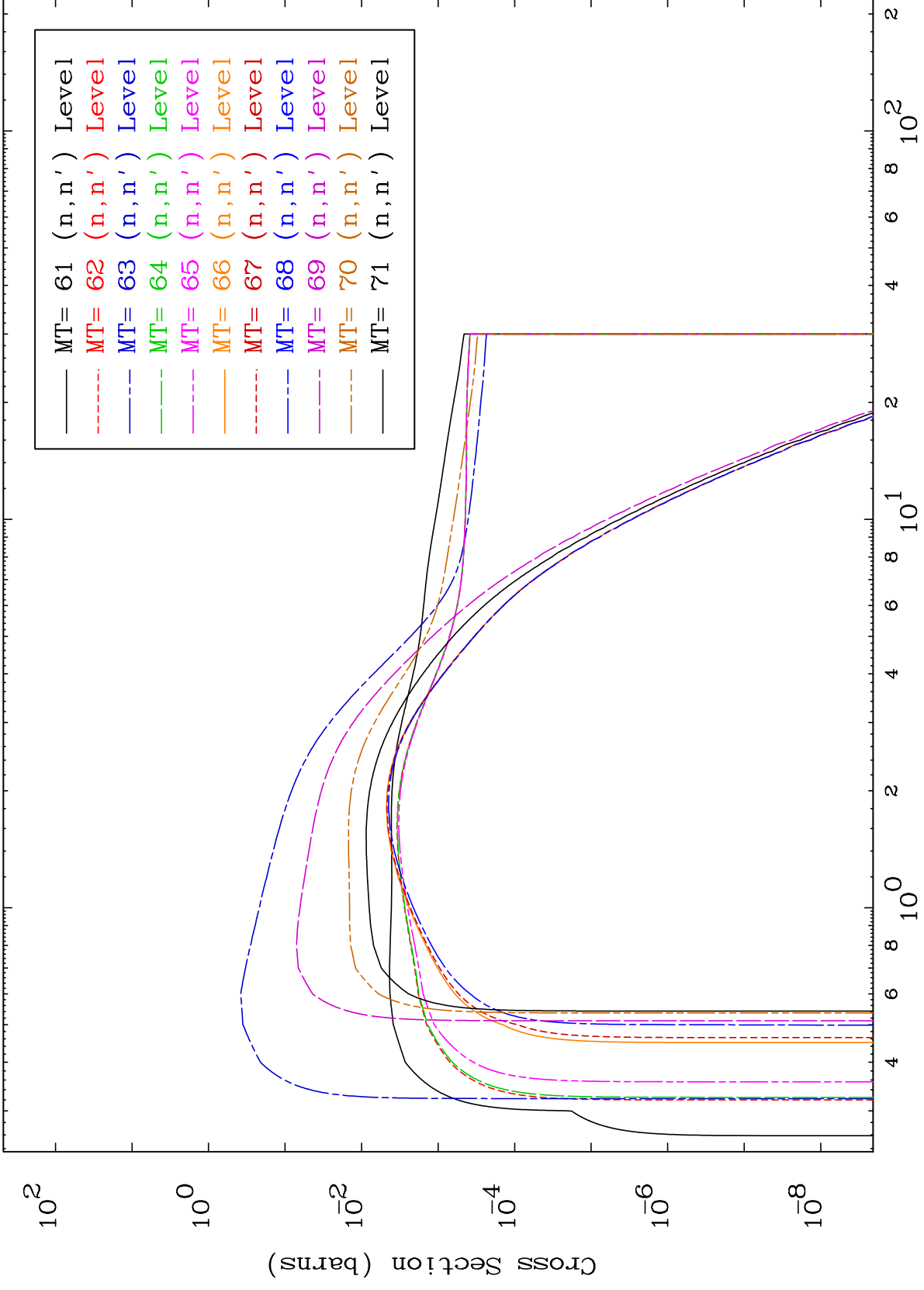


MAT 4316

(n,n') Level

43-Tc-96

293 Kelvin Cross Sections



Incident Energy (MeV)

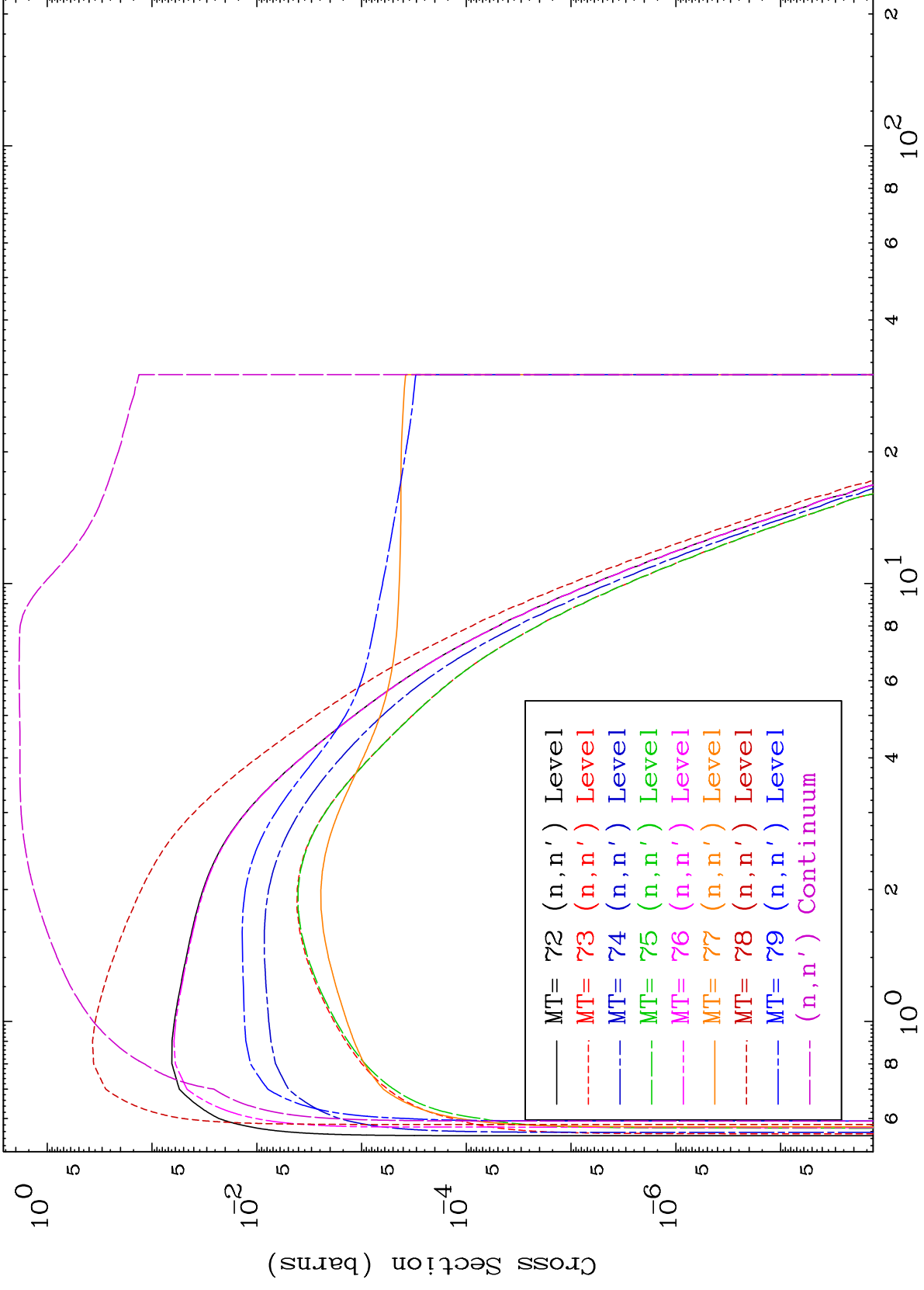
43-Tc-96

MAT 4316

(n,n') Level

43-Tc-96

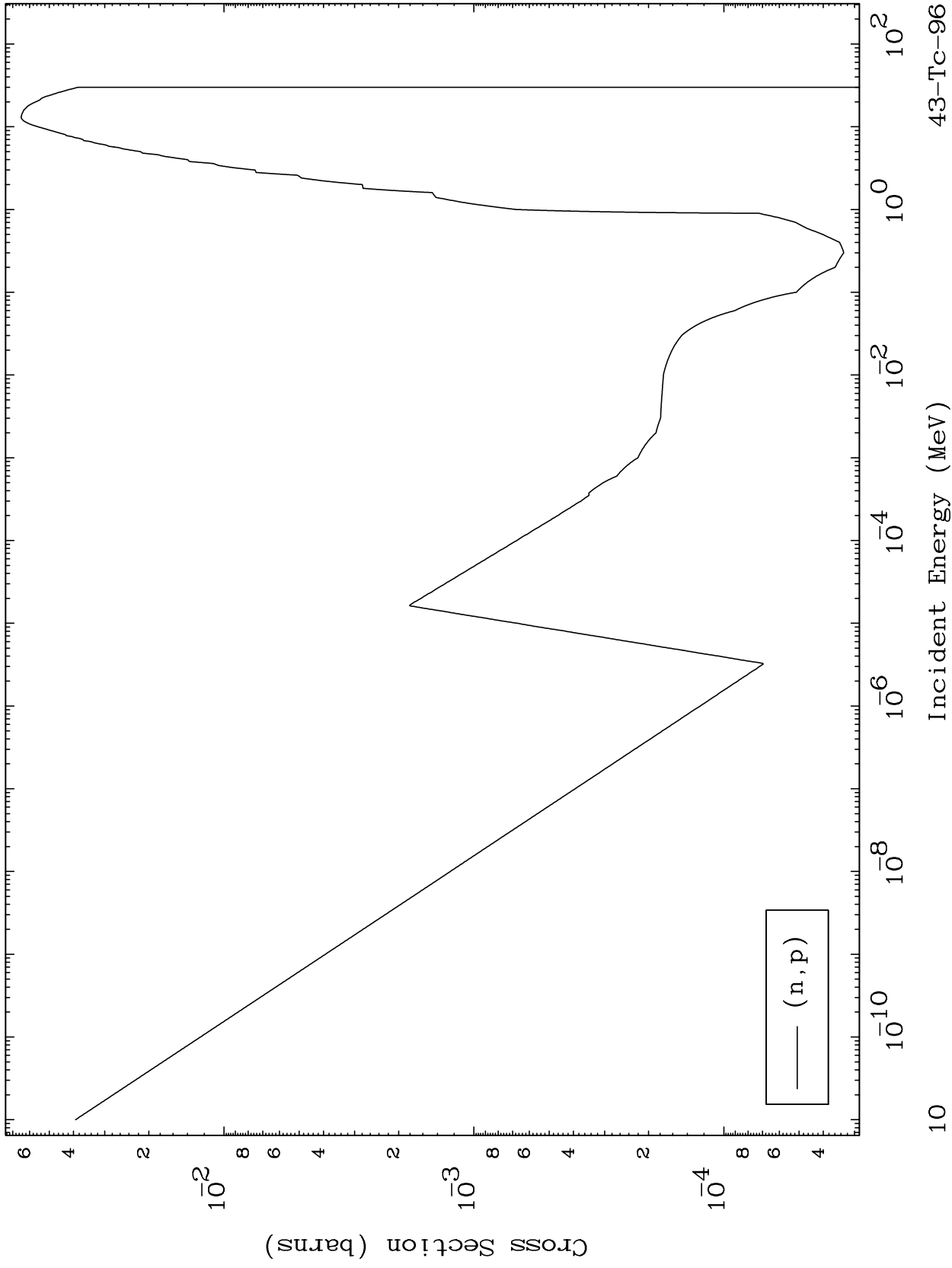
293 Kelvin Cross Sections



MAT 4316

(n,p) Levels
293 Kelvin Cross Sections

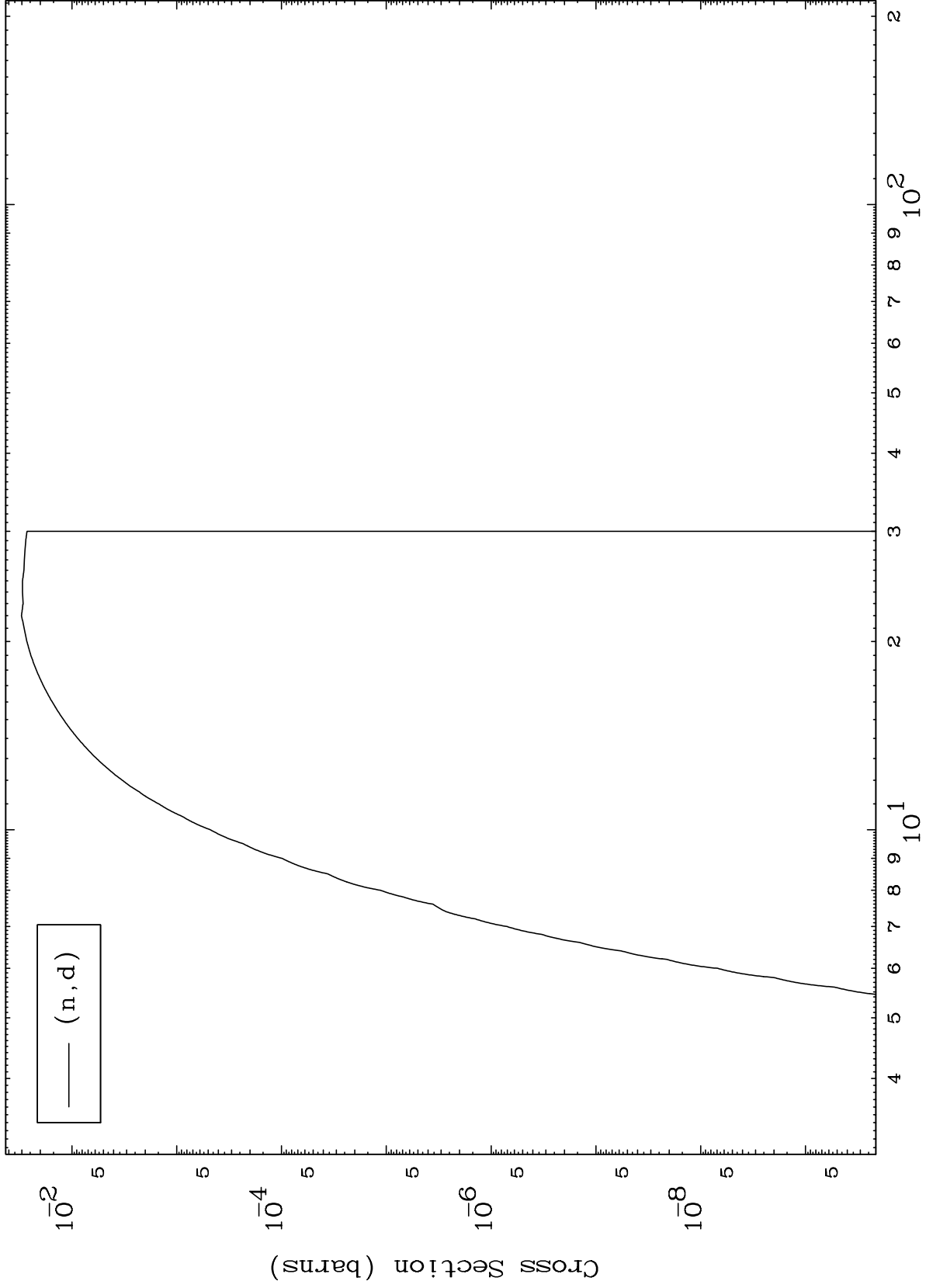
43-Tc-96



MAT 4316

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-96



11

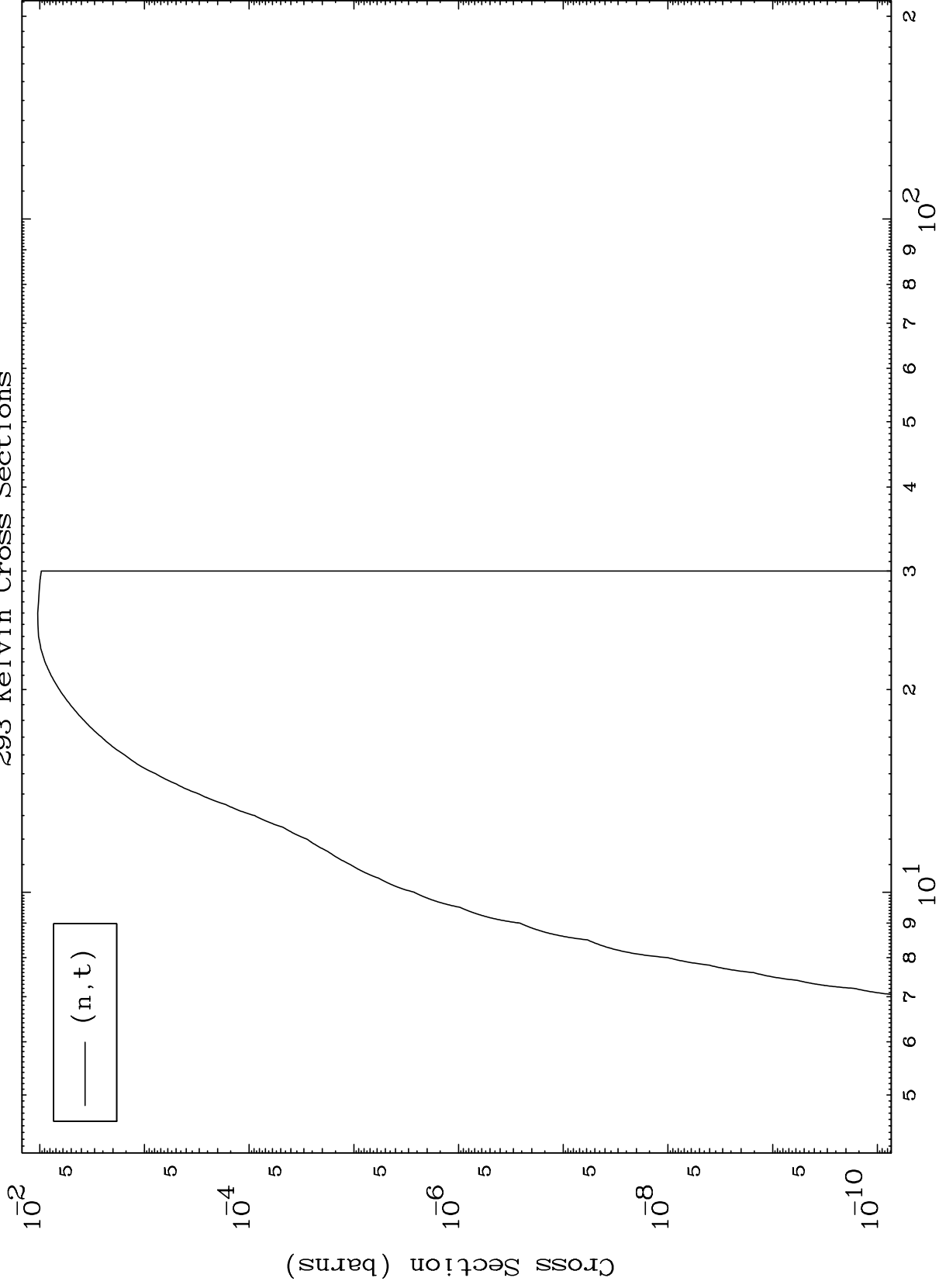
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-96



12

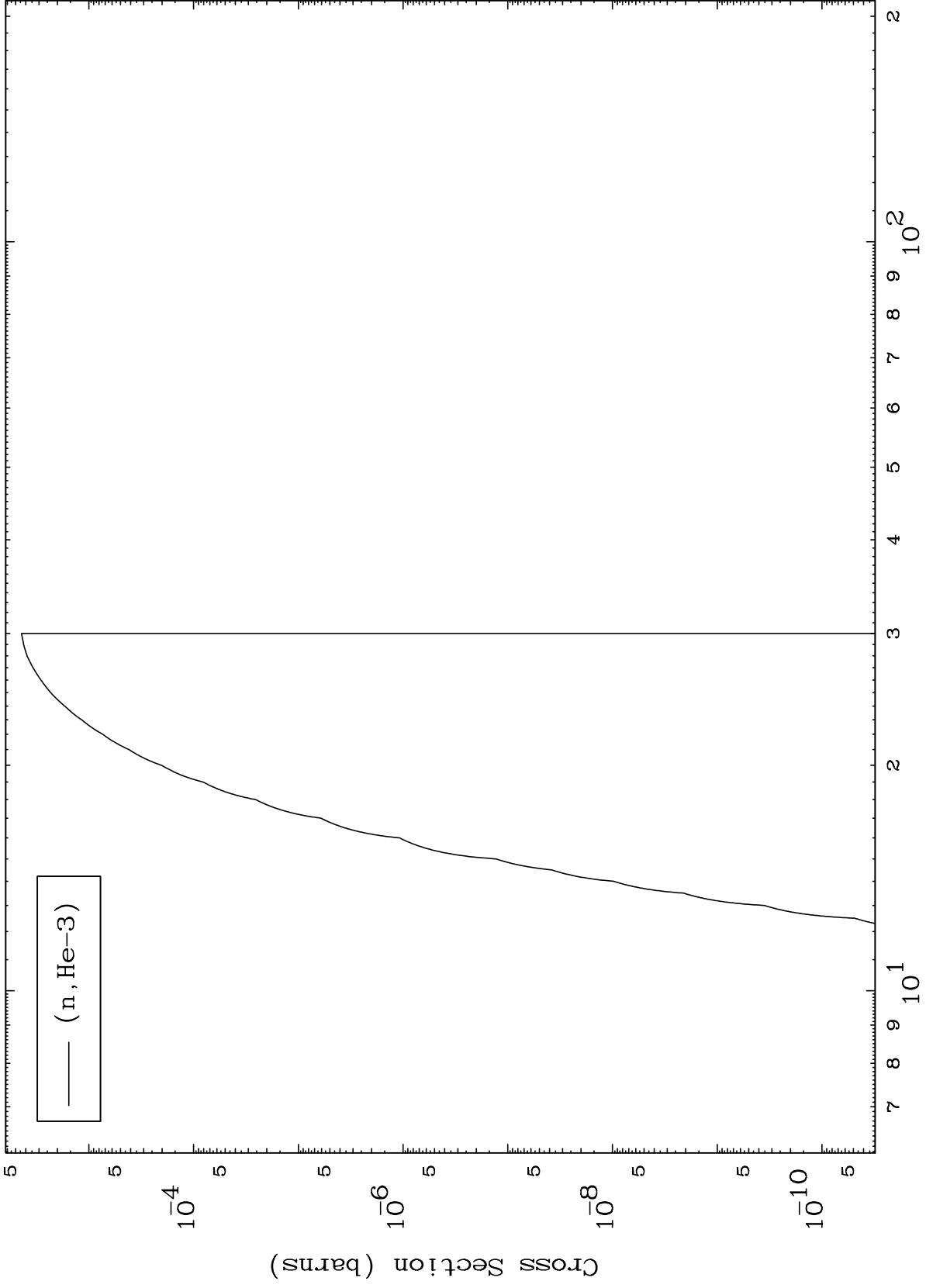
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-96



13

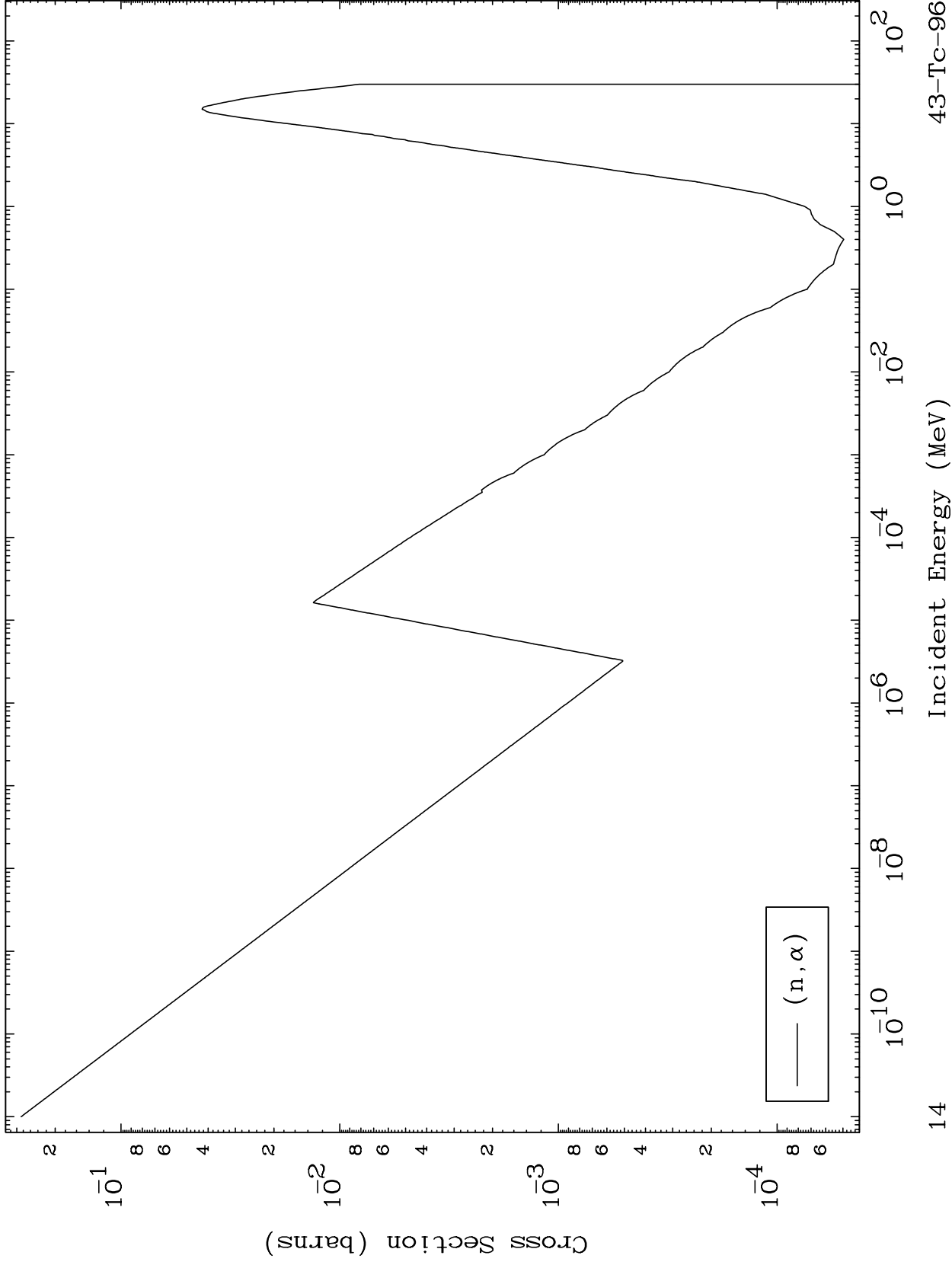
Incident Energy (MeV)

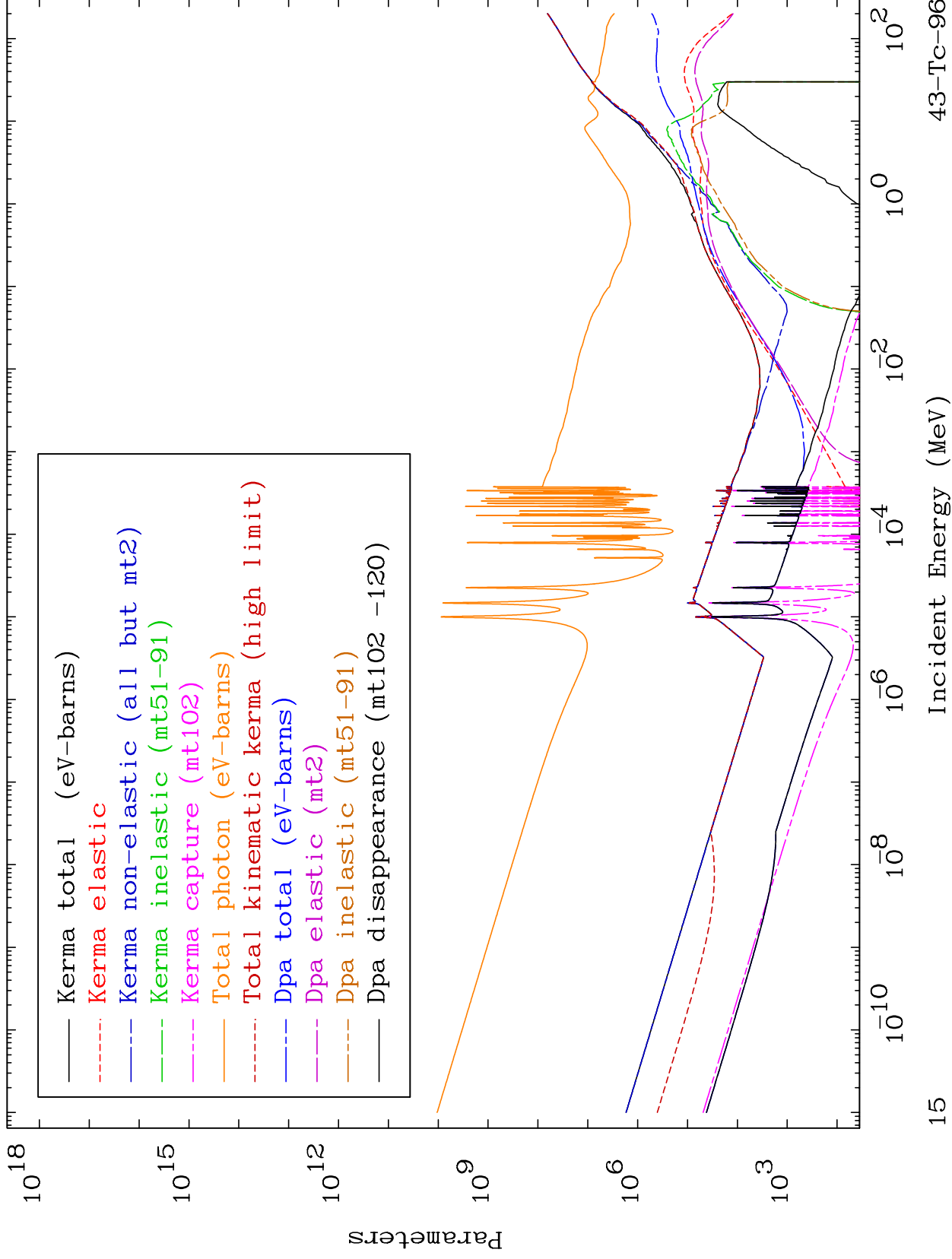
43-Tc-96

MAT 4316

(n,α) Levels
293 Kelvin Cross Sections

43-Tc-96

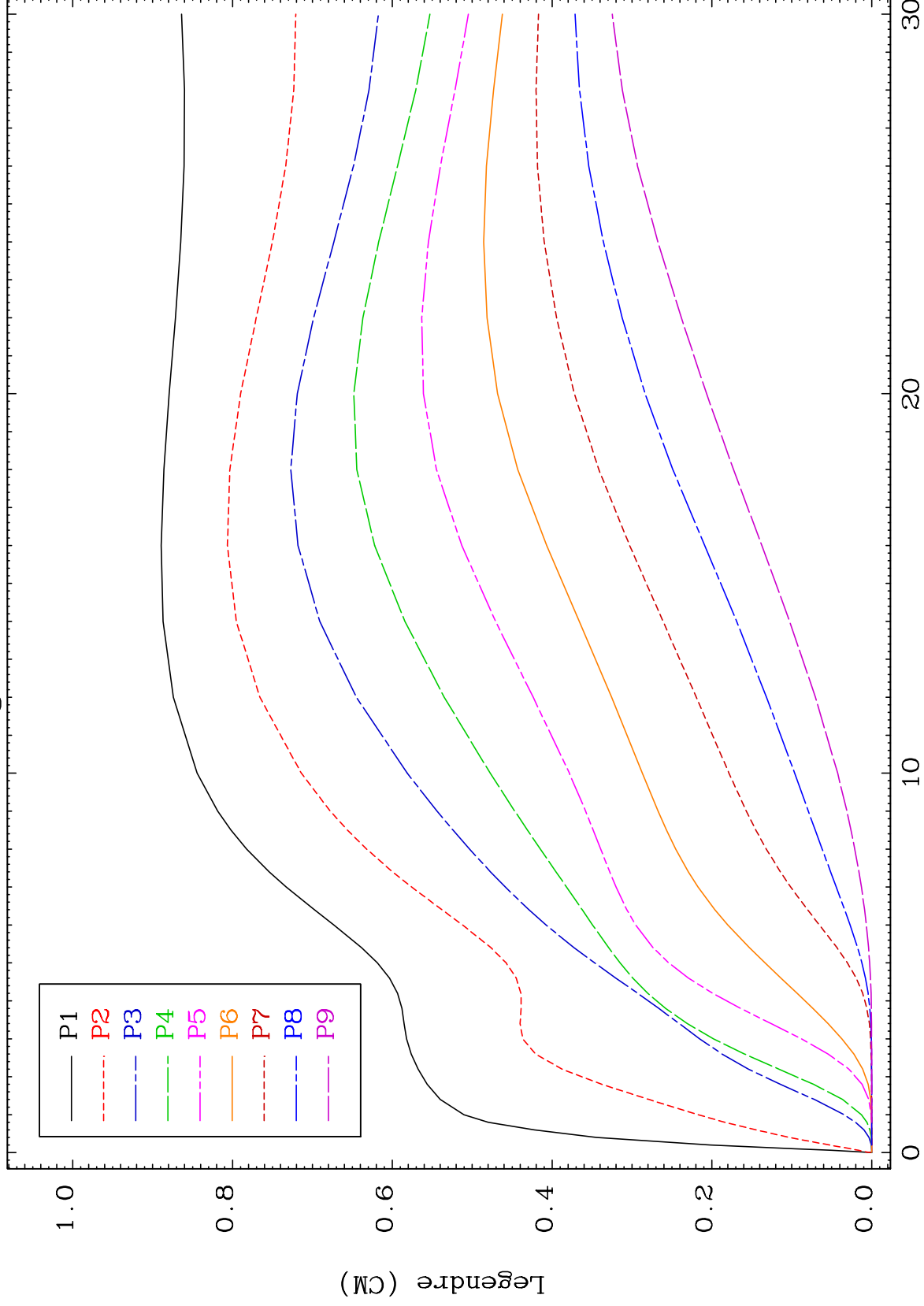




MAT 4316

Elastic Legendre Coefficients

43-Tc-96



16

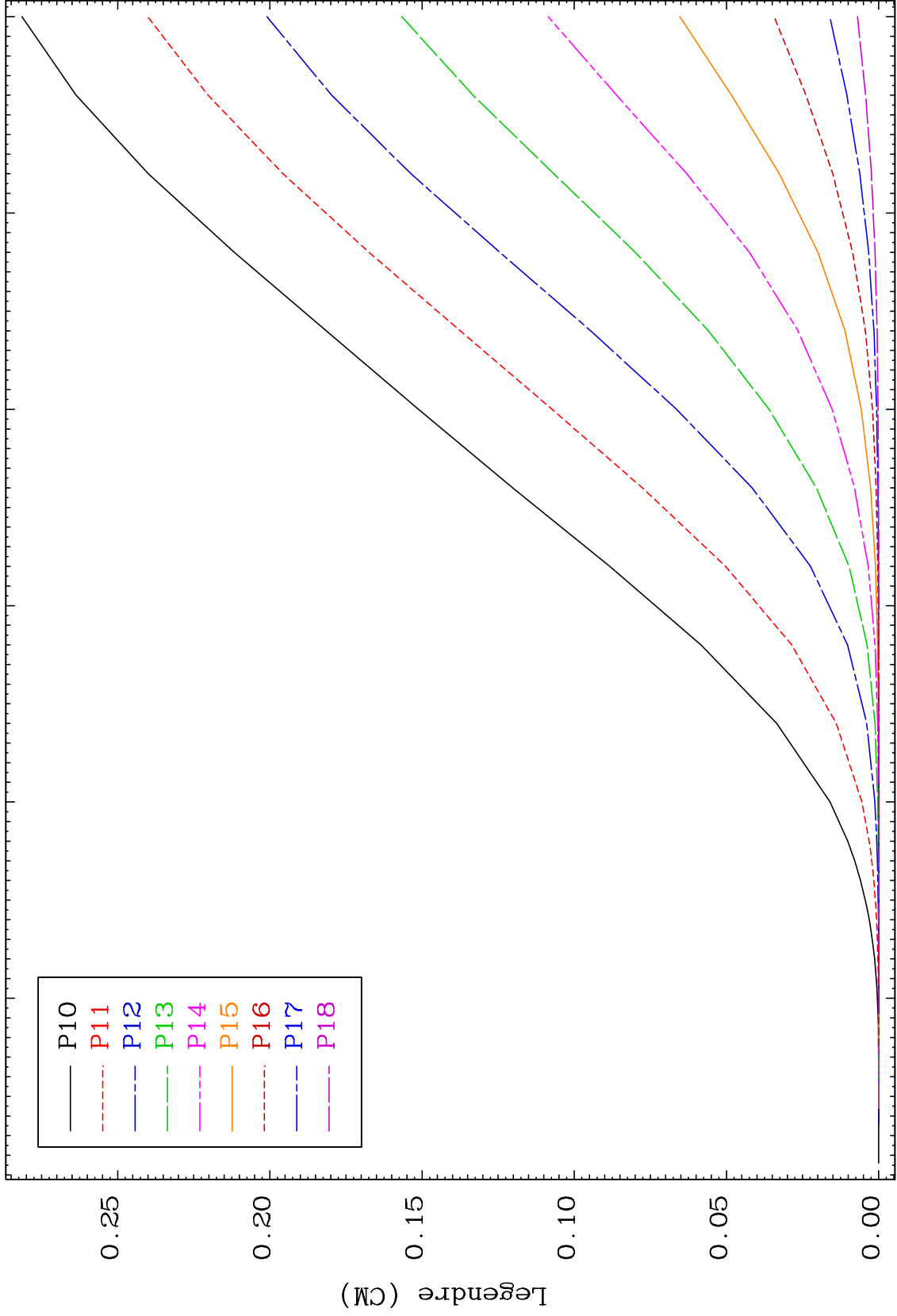
Incident Energy (MeV)

43-Tc-96

MAT 4316

Elastic Legendre Coefficients

43-Tc-96



17

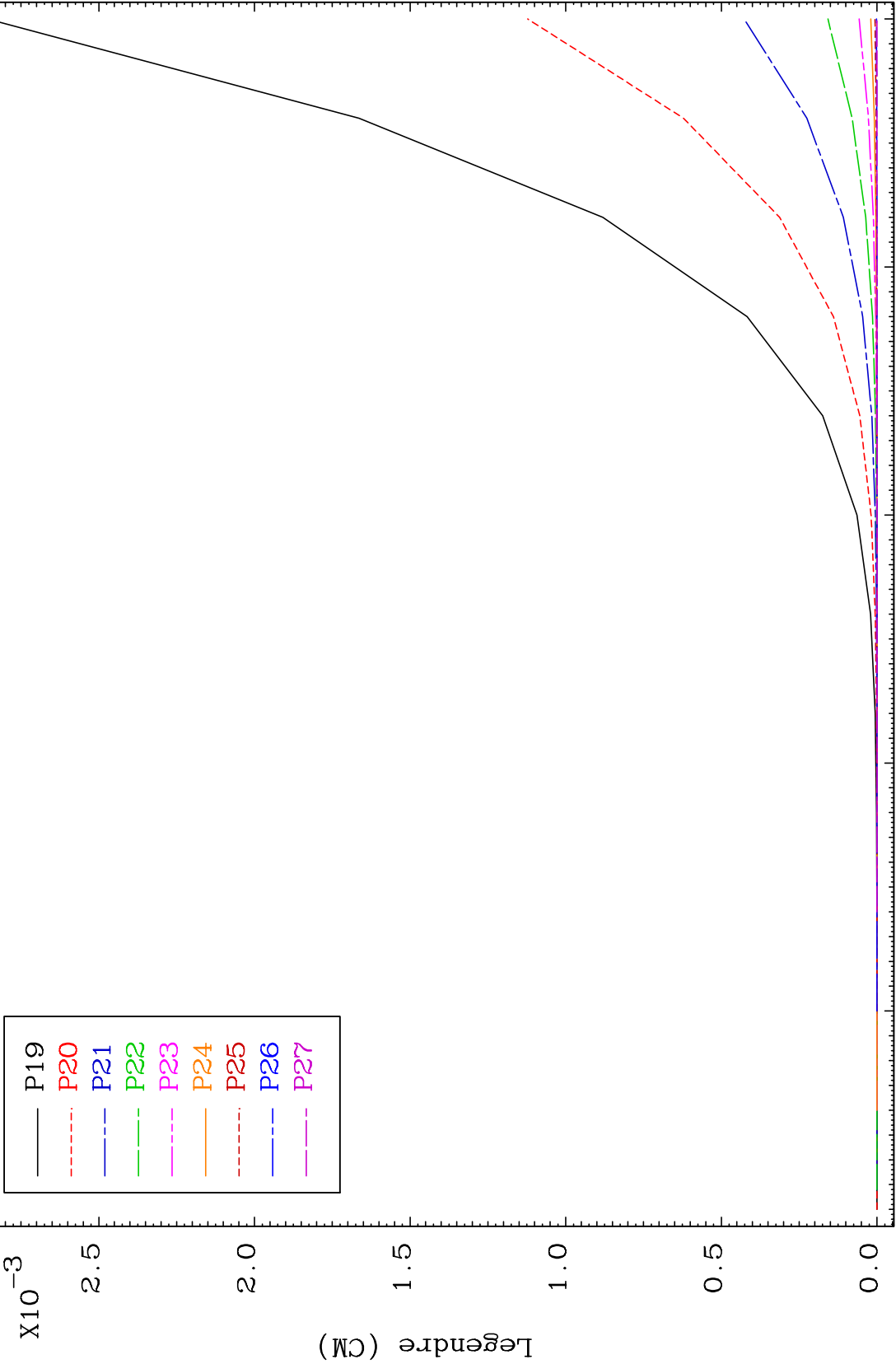
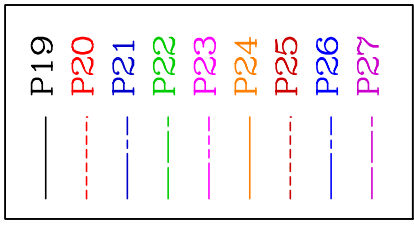
Incident Energy (MeV)

43-Tc-96

MAT 4316

Elastic
Legendre Coefficients

43-Tc-96



18

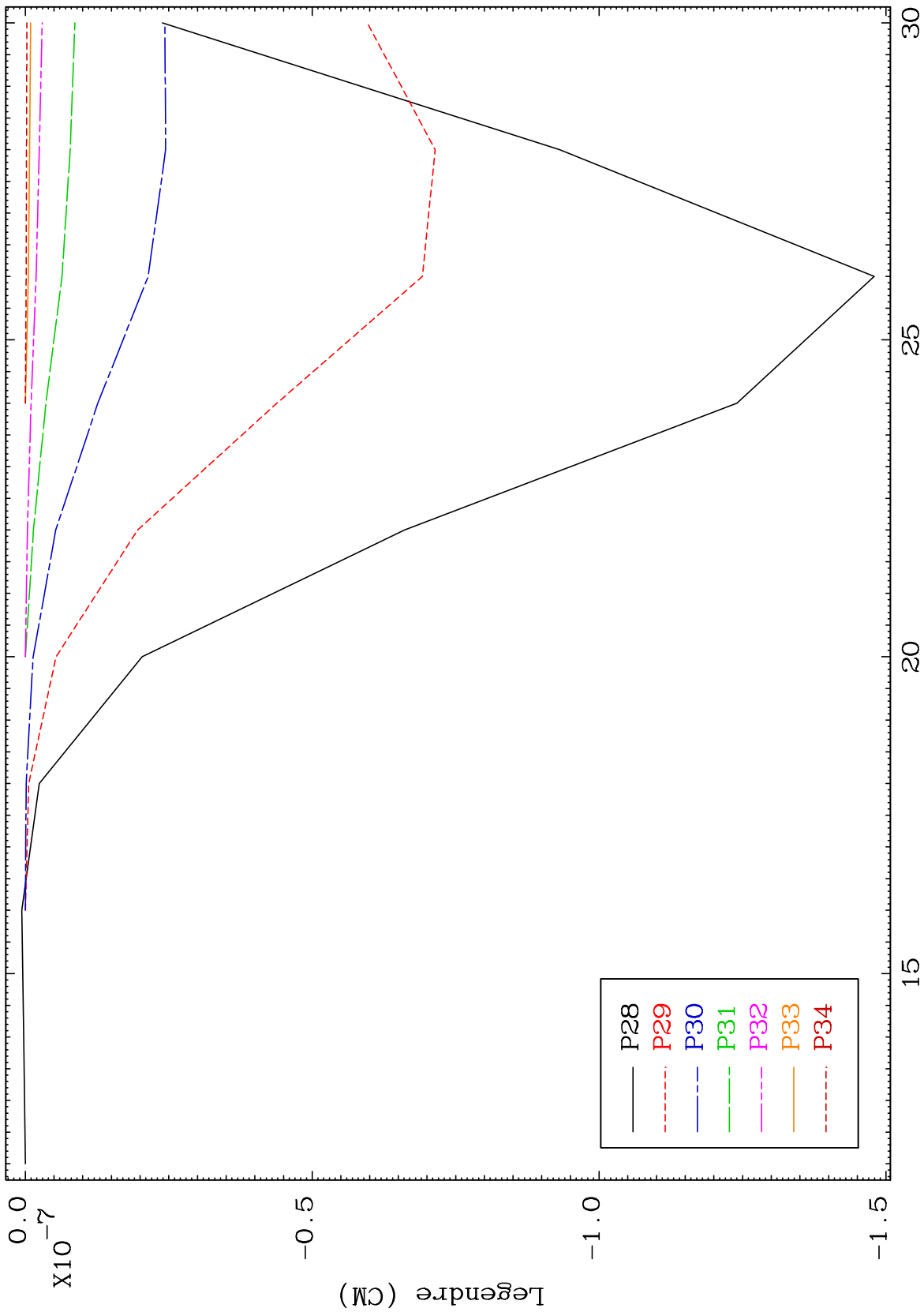
Incident Energy (MeV)

43-Tc-96

MAT 4316

43-Tc-96

Elastic Legendre Coefficients



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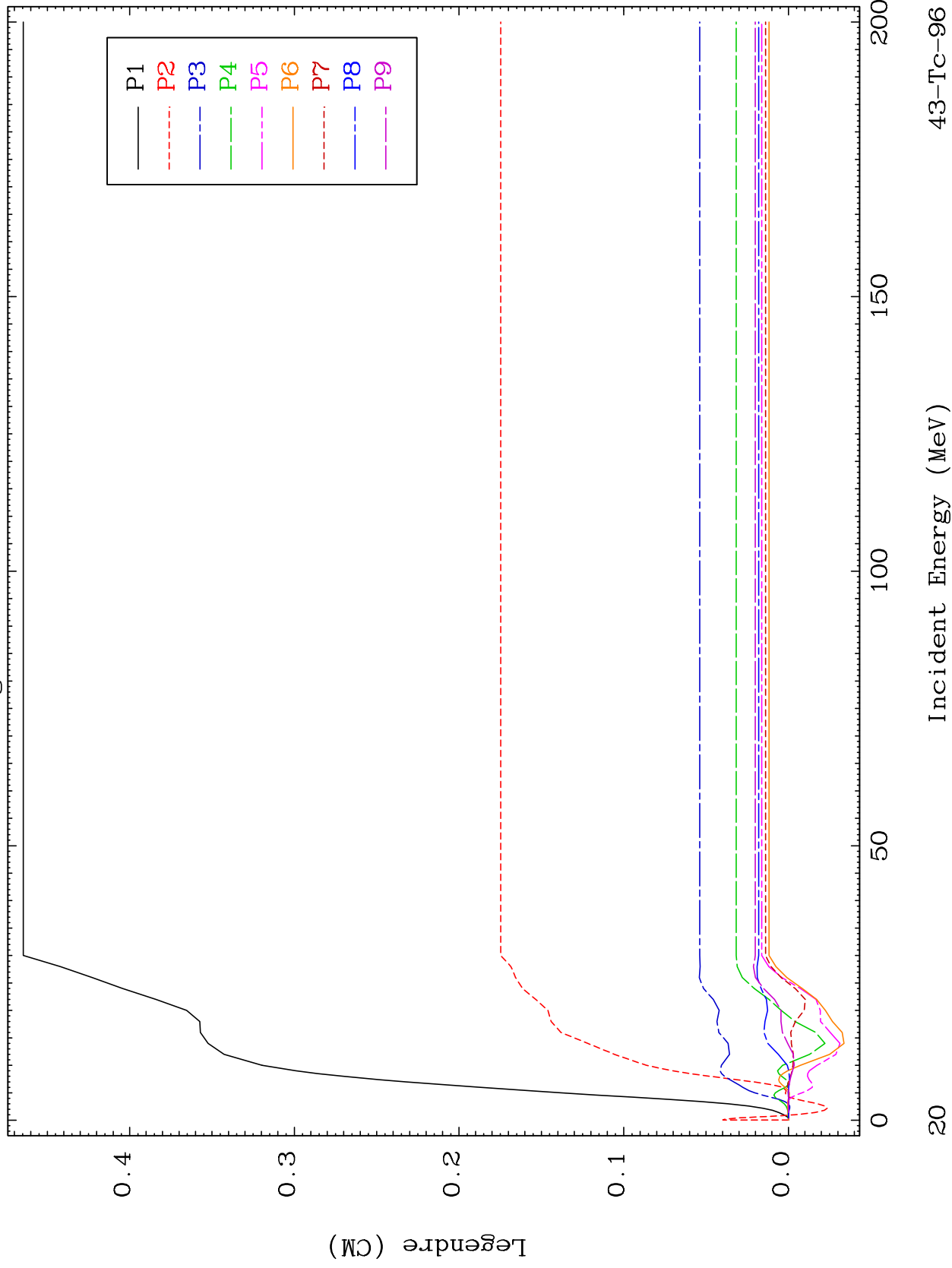
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



43-Tc-96

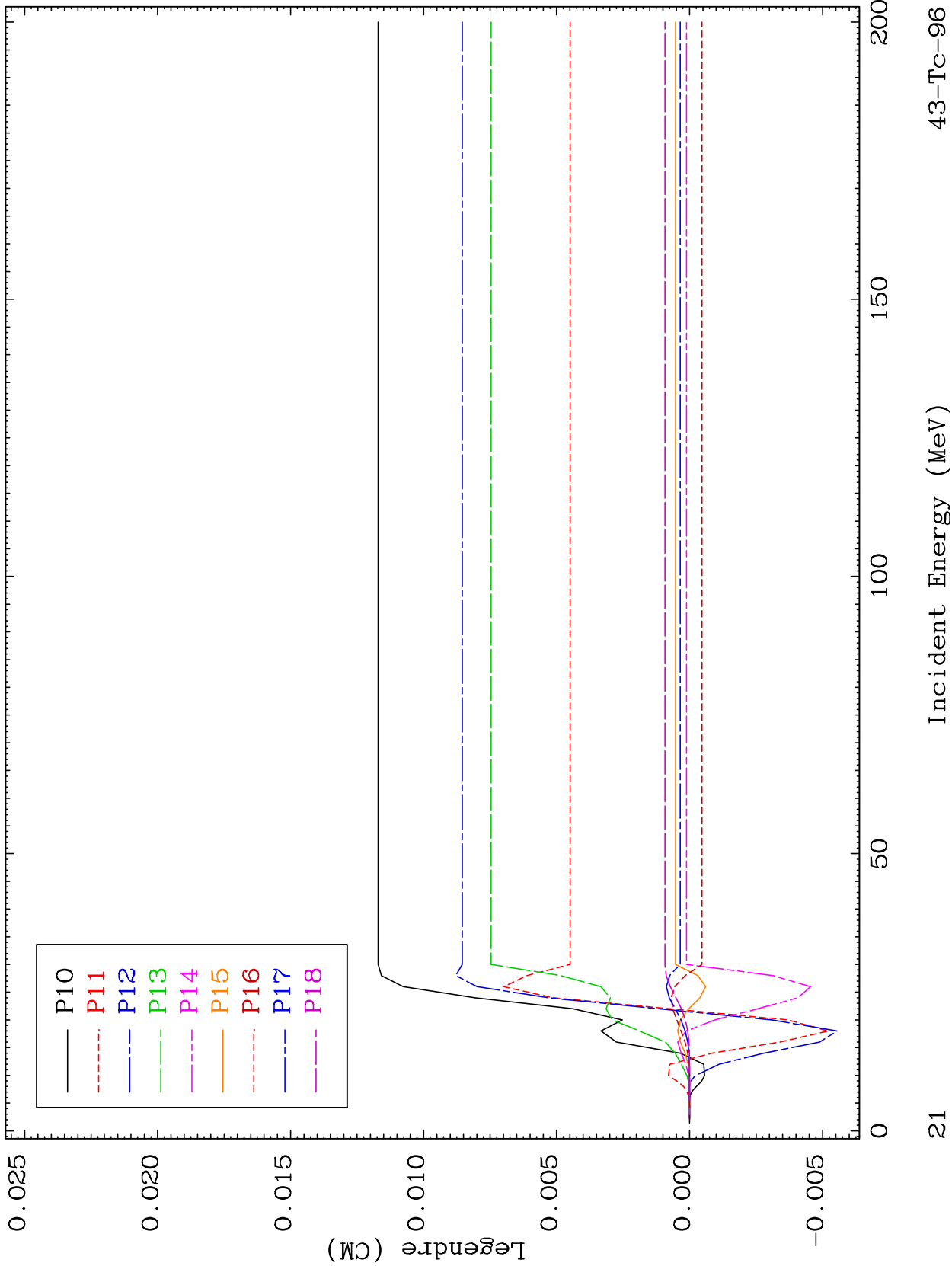
Incident Energy (MeV)

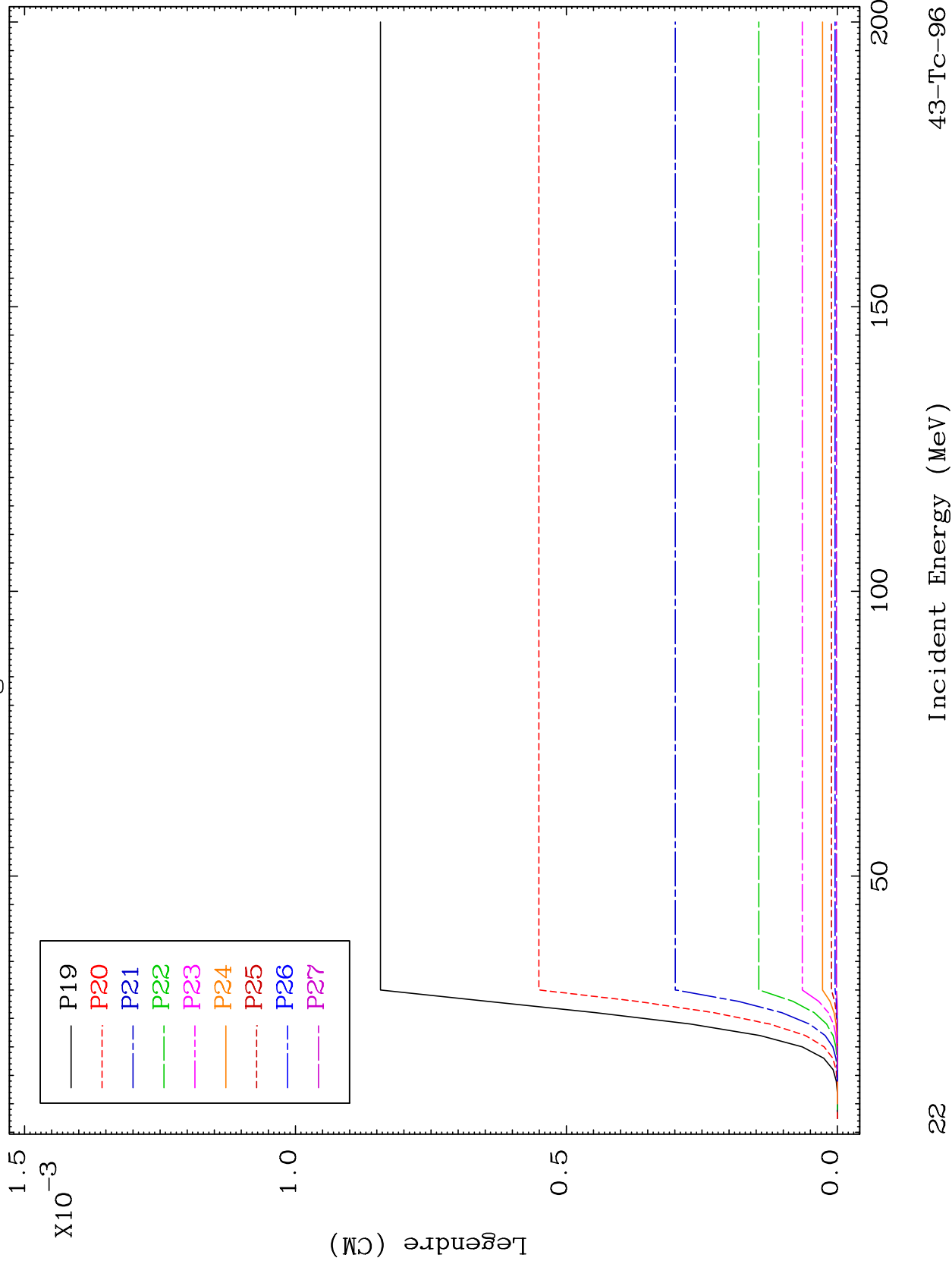
20

MAT 4316

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

43-Tc-96

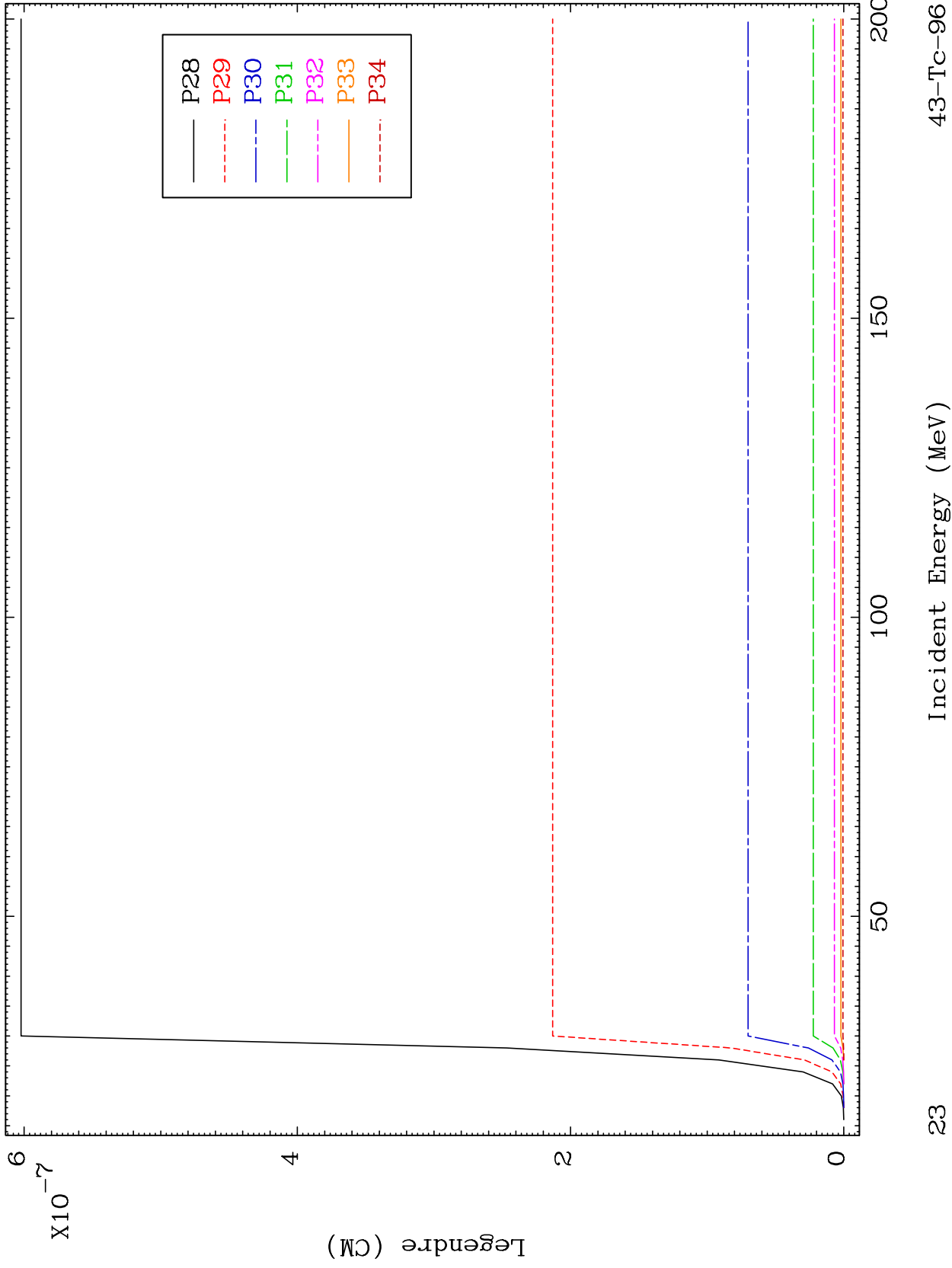




MAT 4316

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

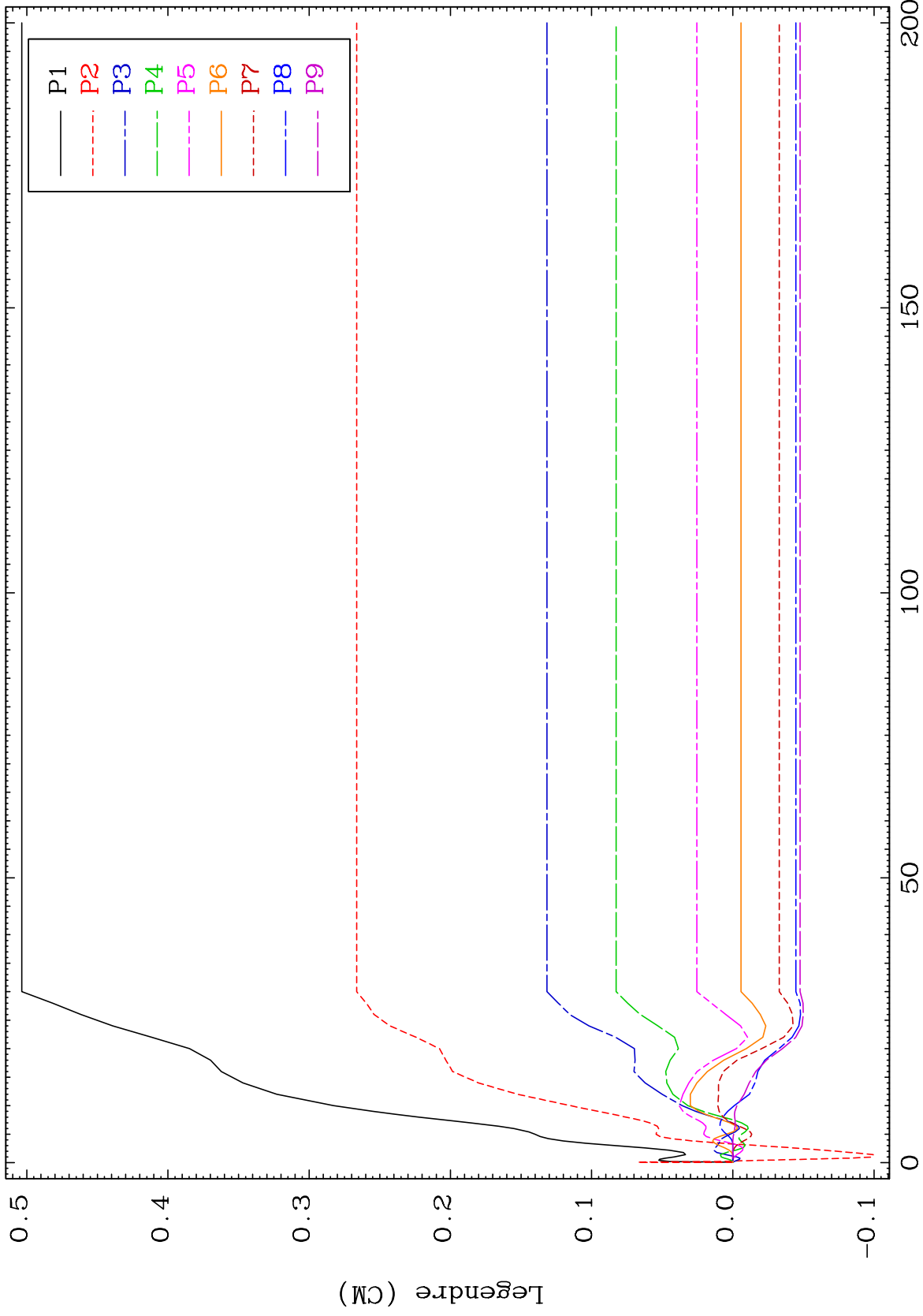
43-Tc-96



MAT 4316

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

43-Tc-96



24

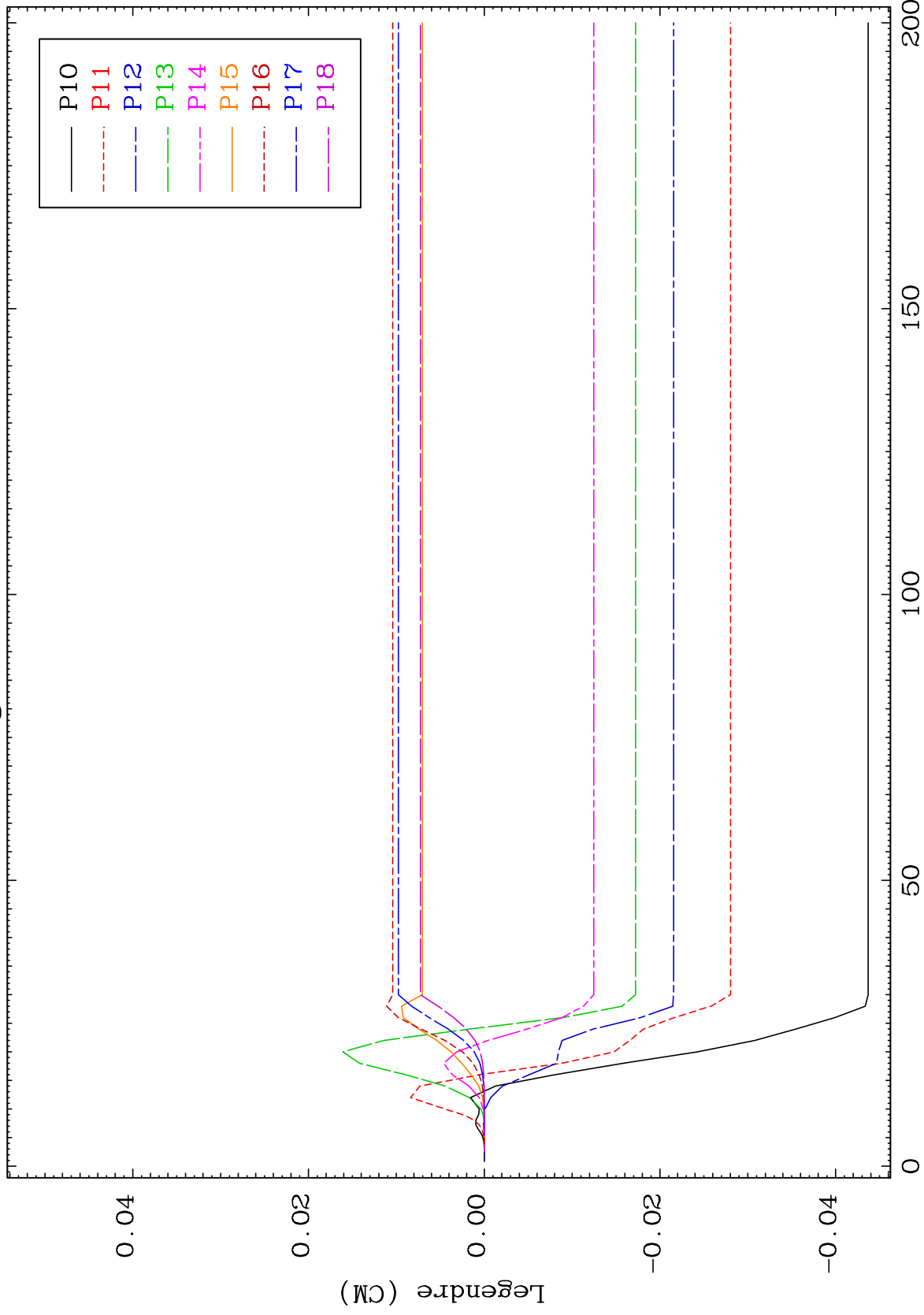
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



25

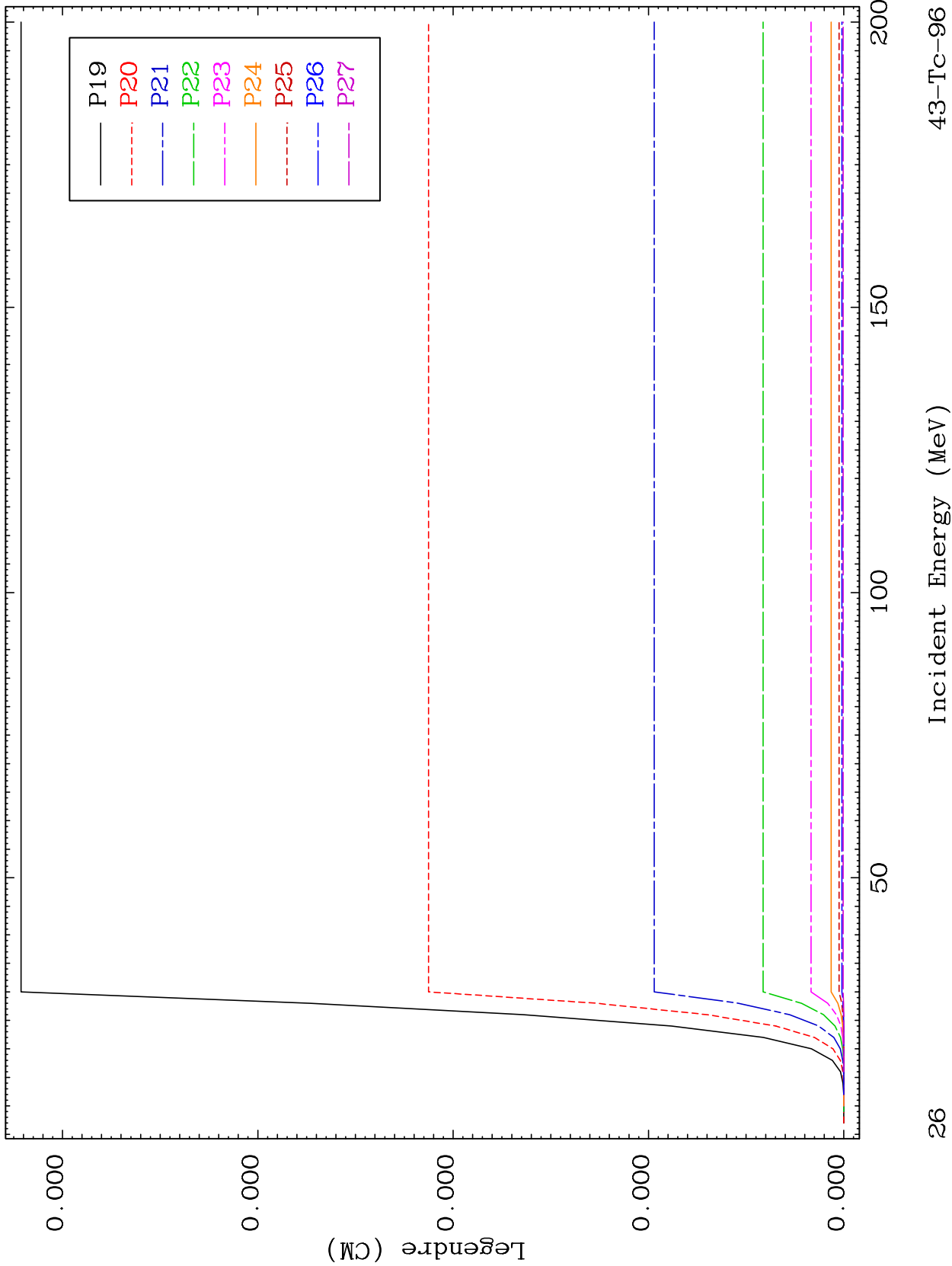
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



26

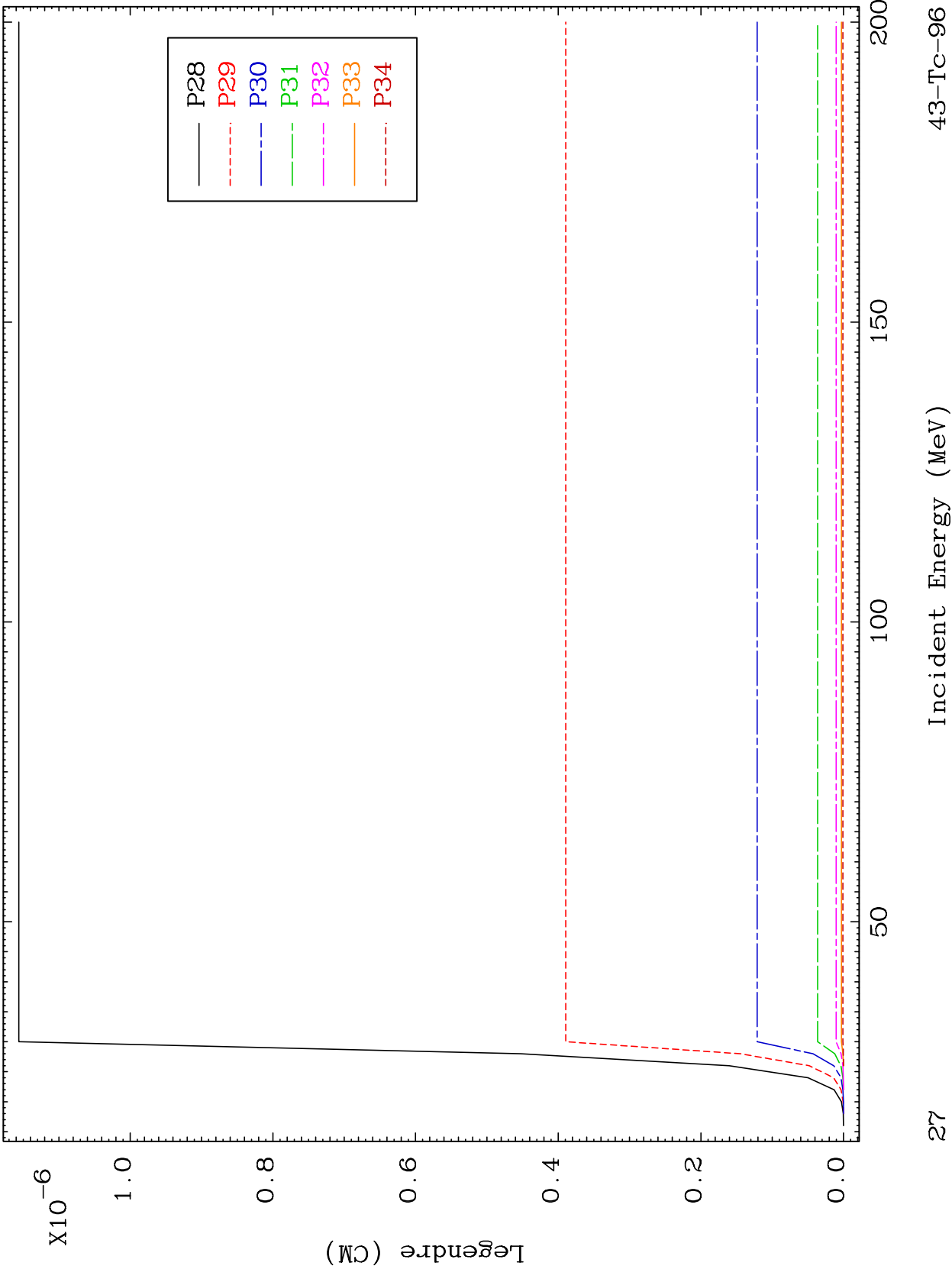
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



27

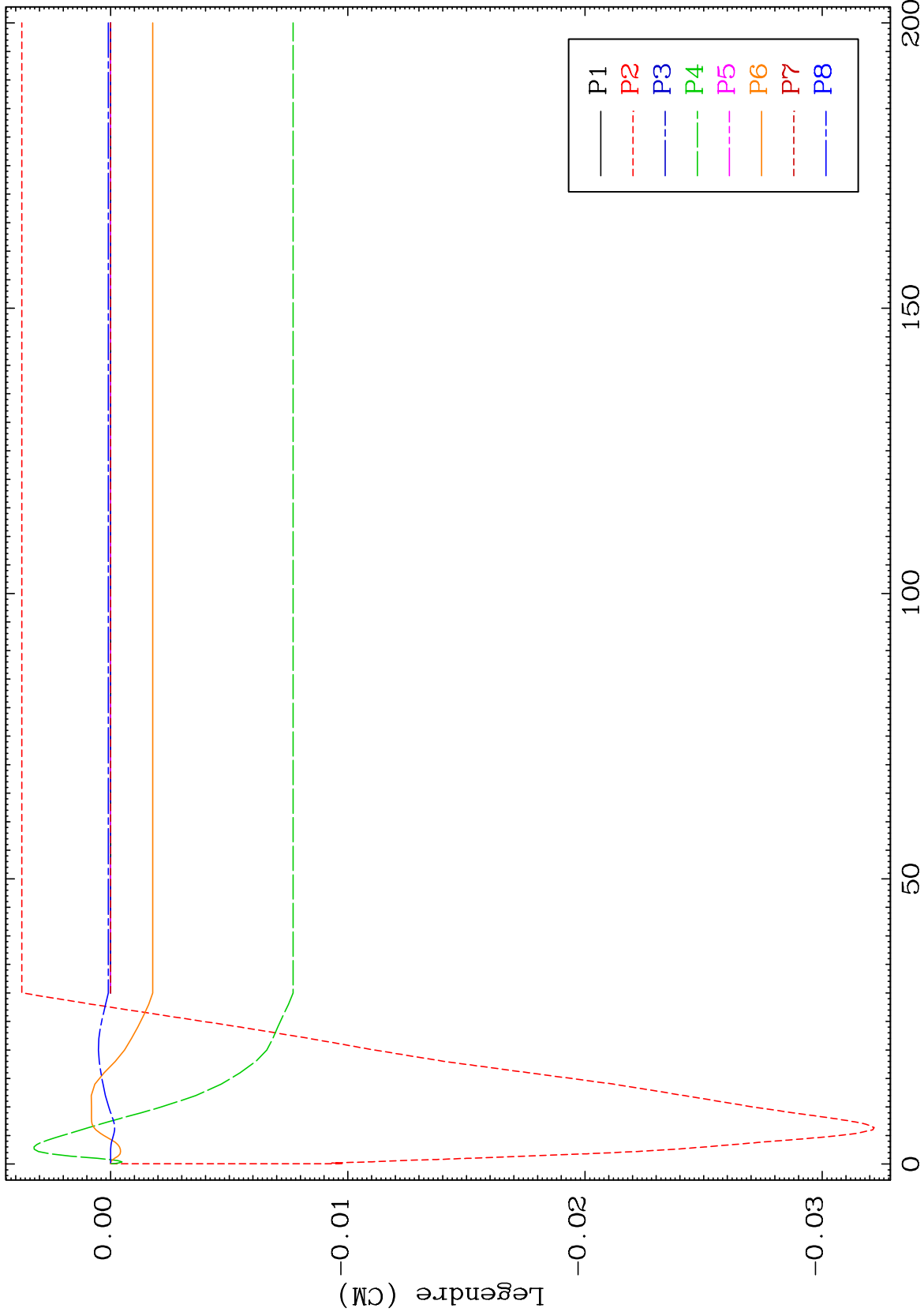
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



28

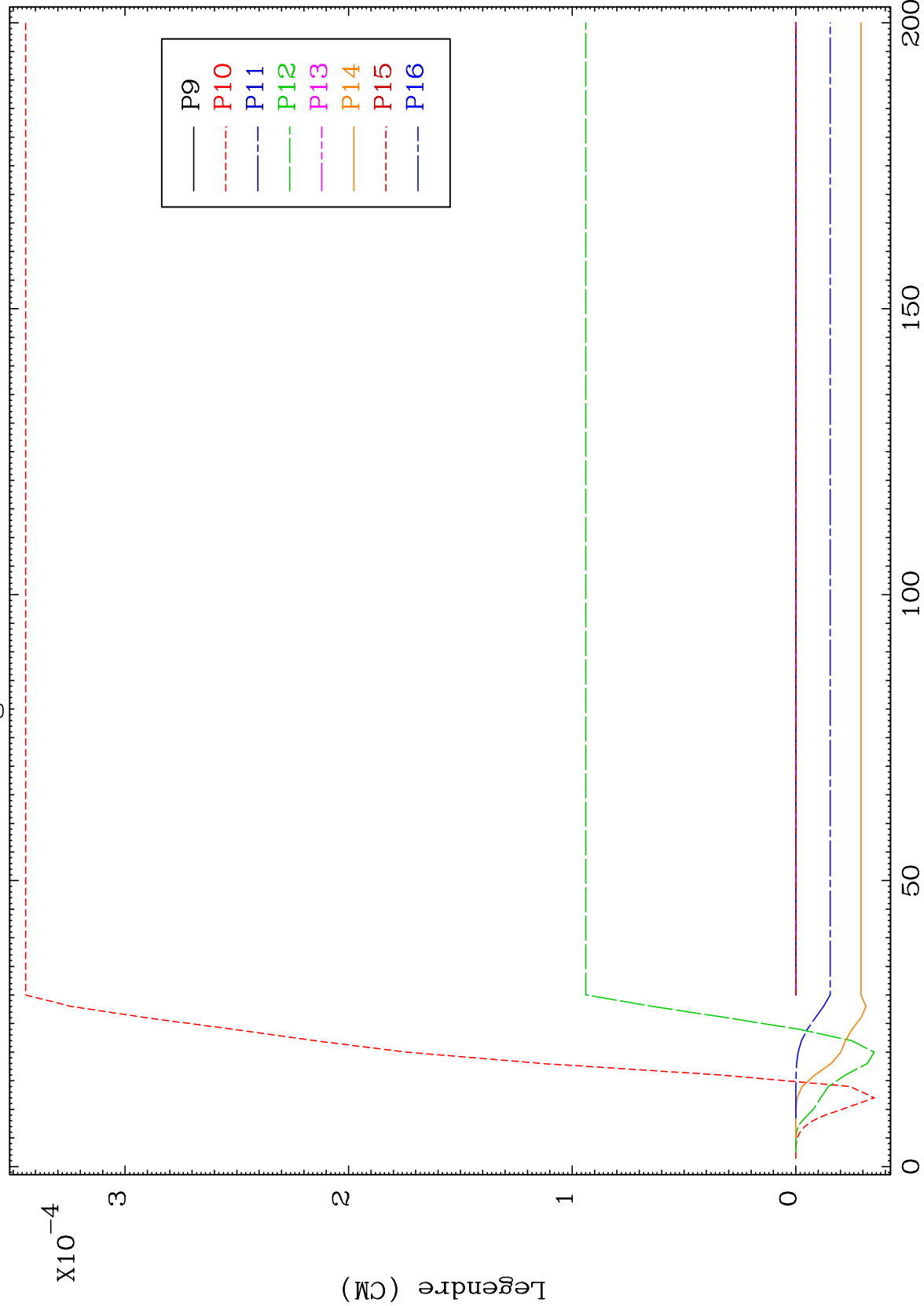
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

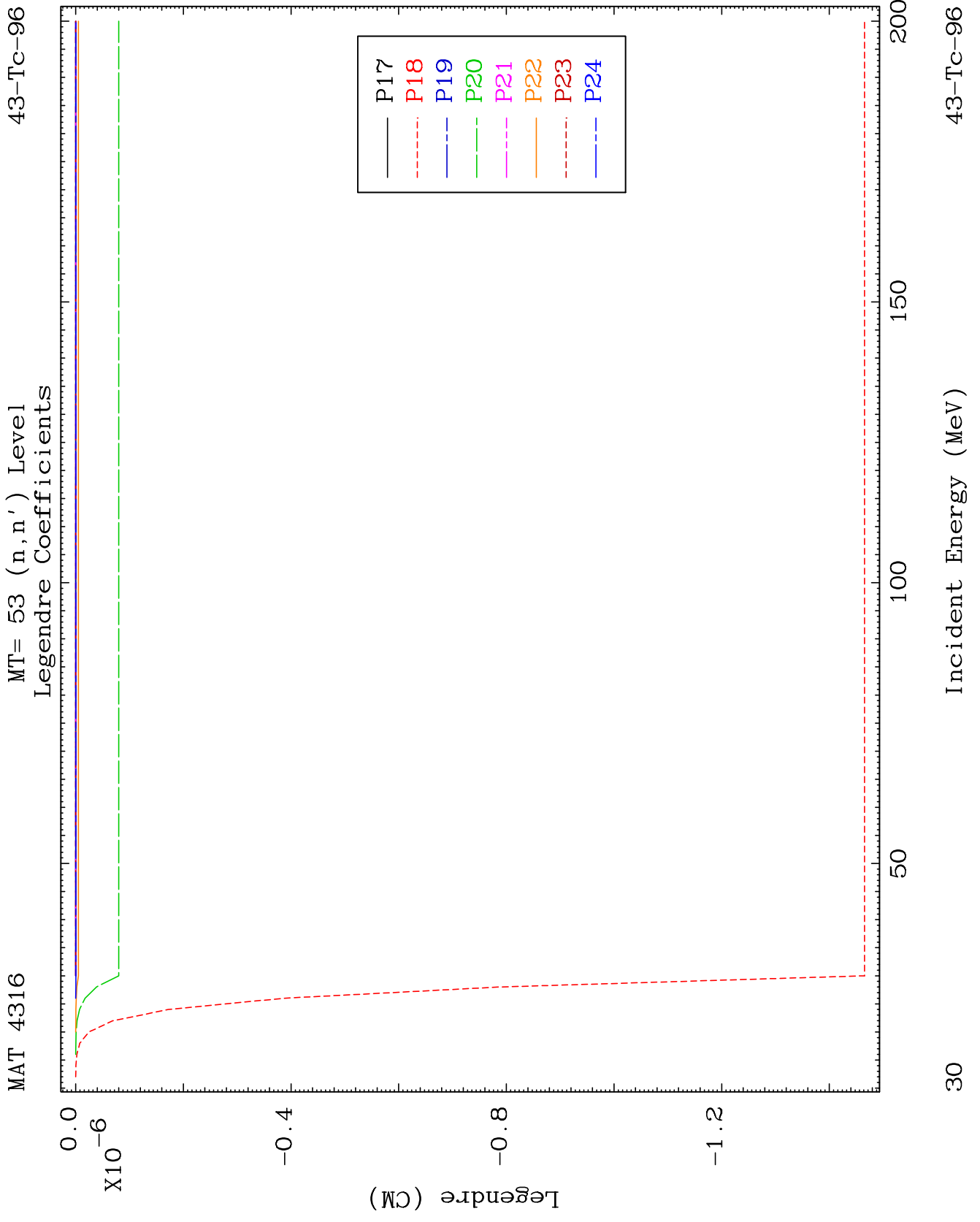
43-Tc-96



29

Incident Energy (MeV)

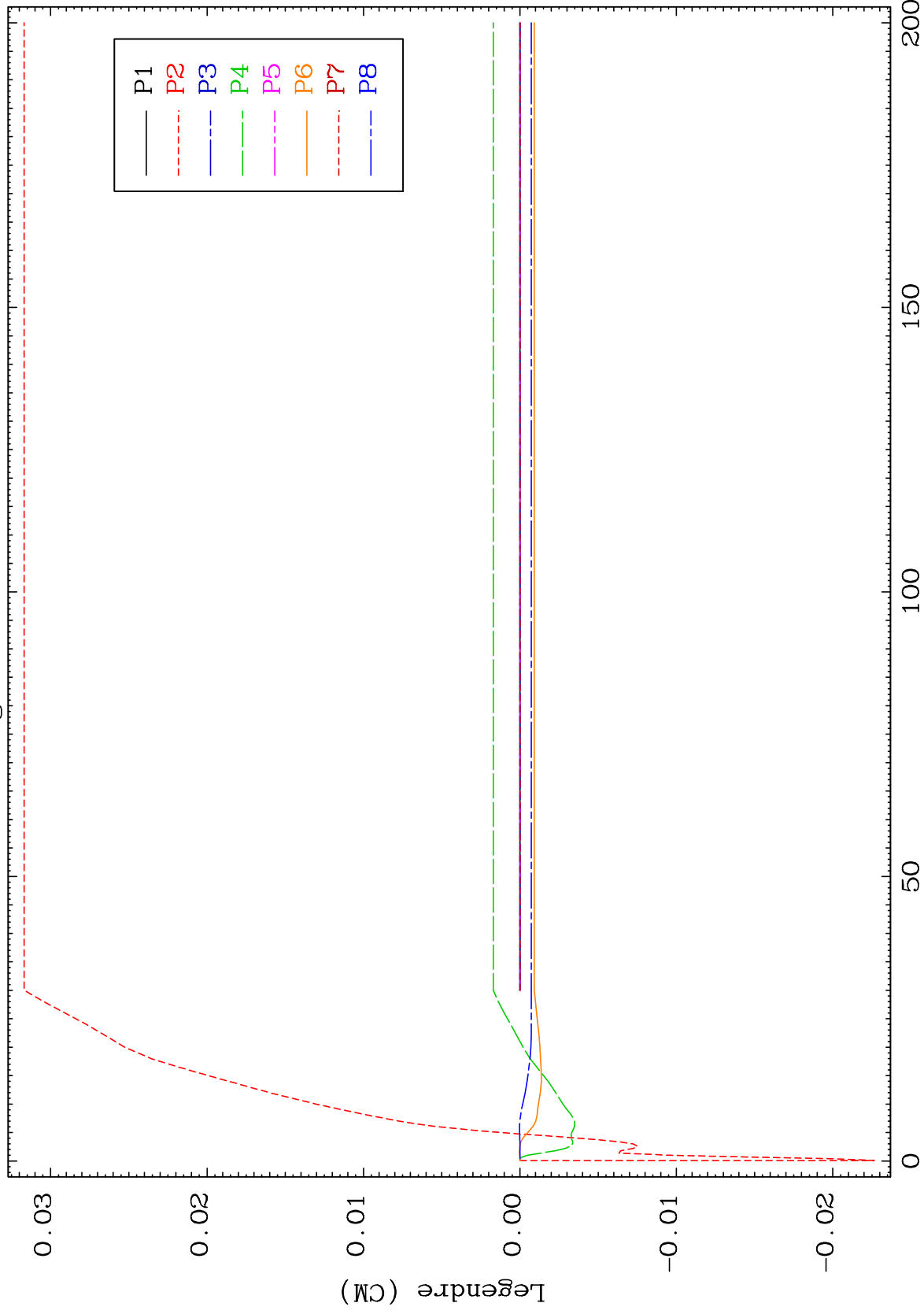
43-Tc-96



MAT 4316

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

43-Tc-96



31

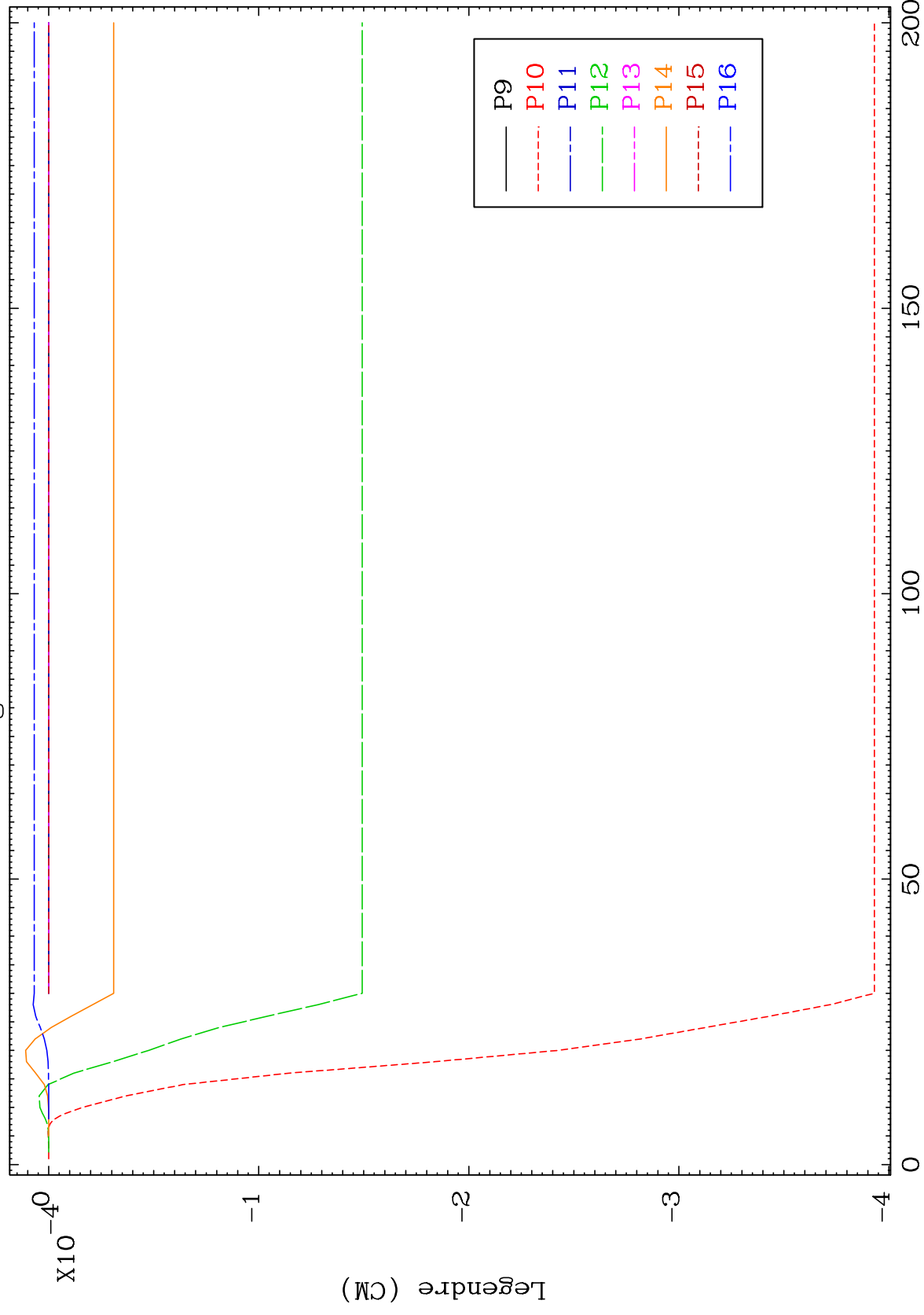
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

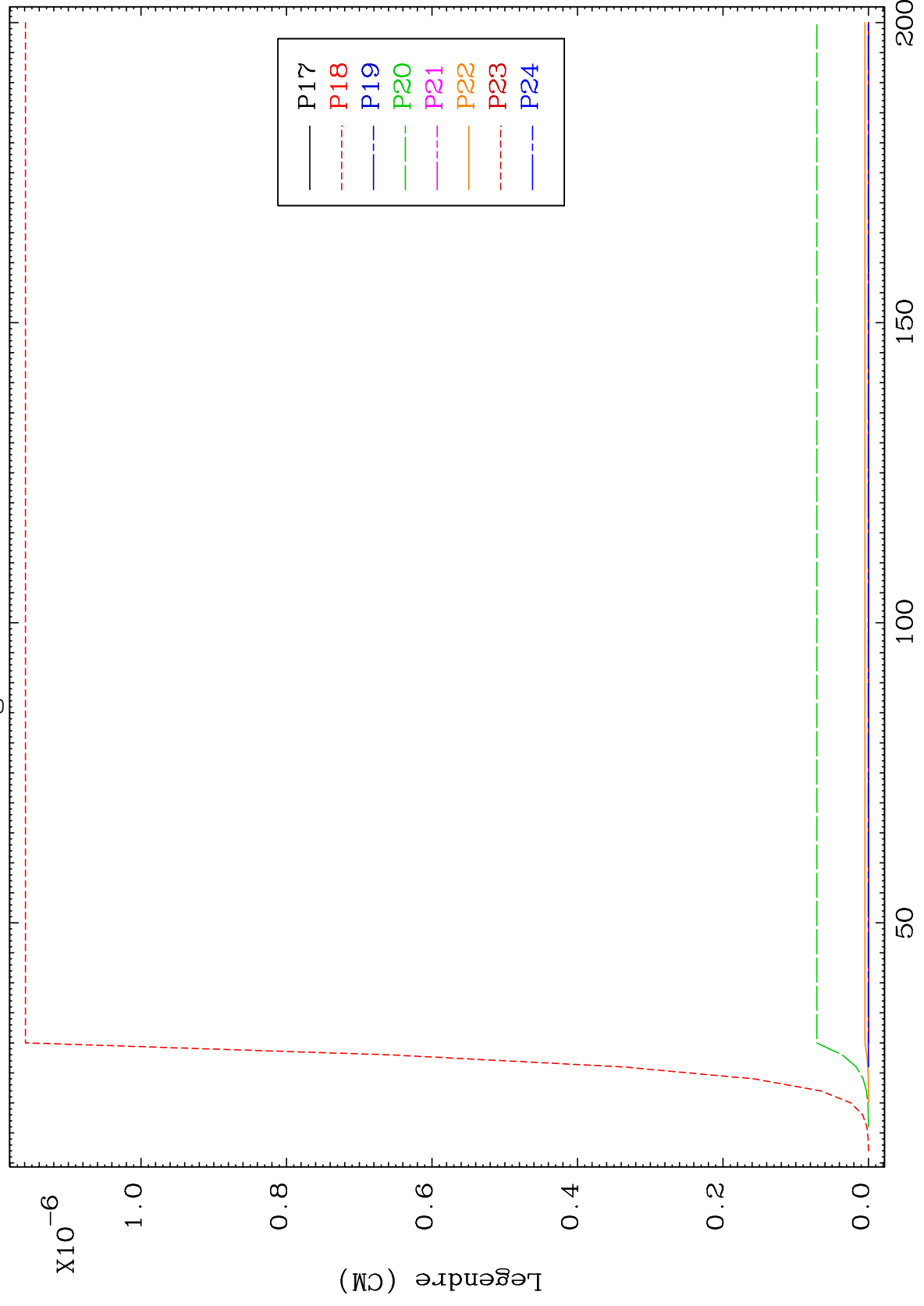
43-Tc-96



32

Incident Energy (MeV)

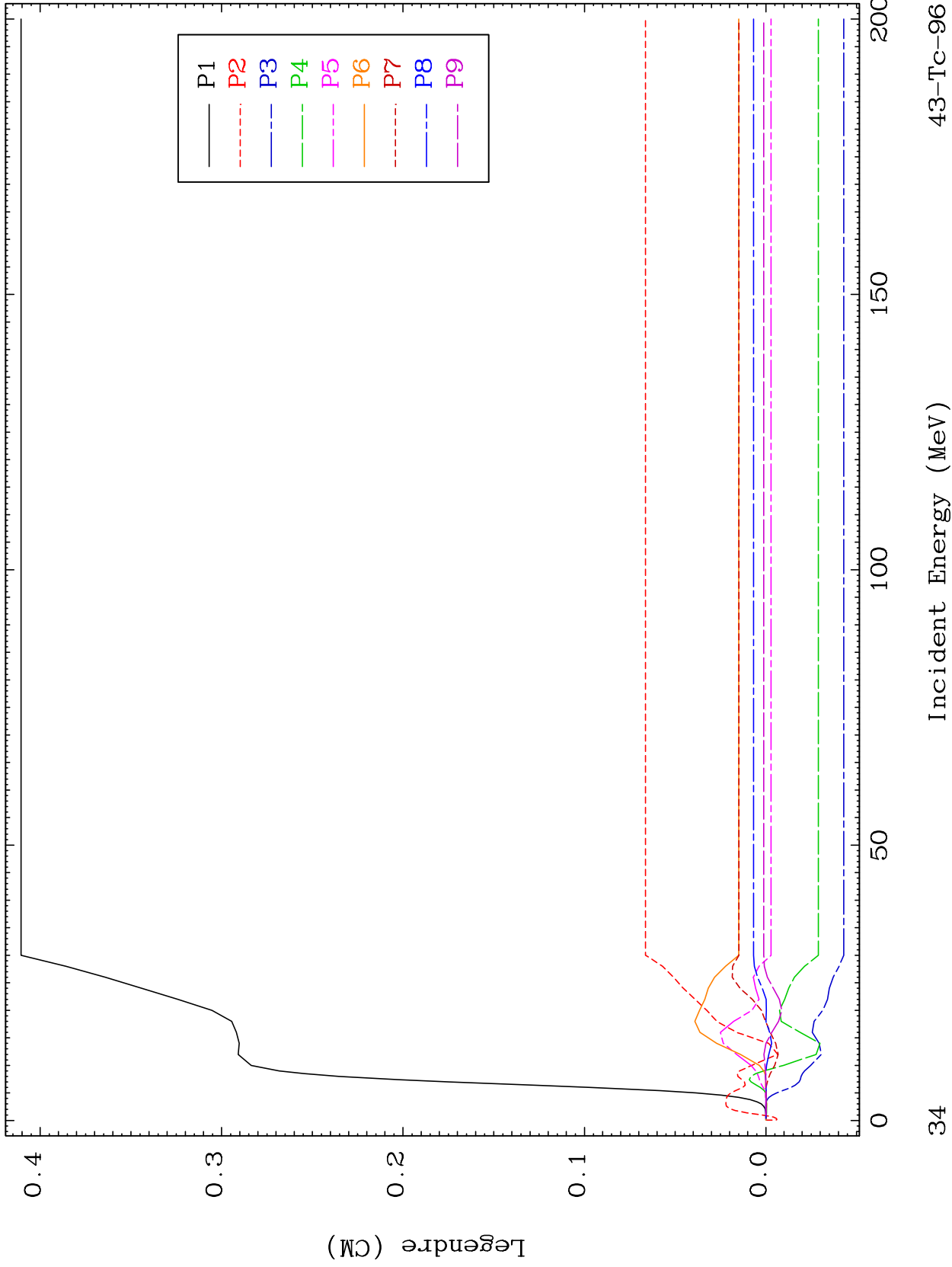
43-Tc-96



MAT 4316

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

43-Tc-96



34

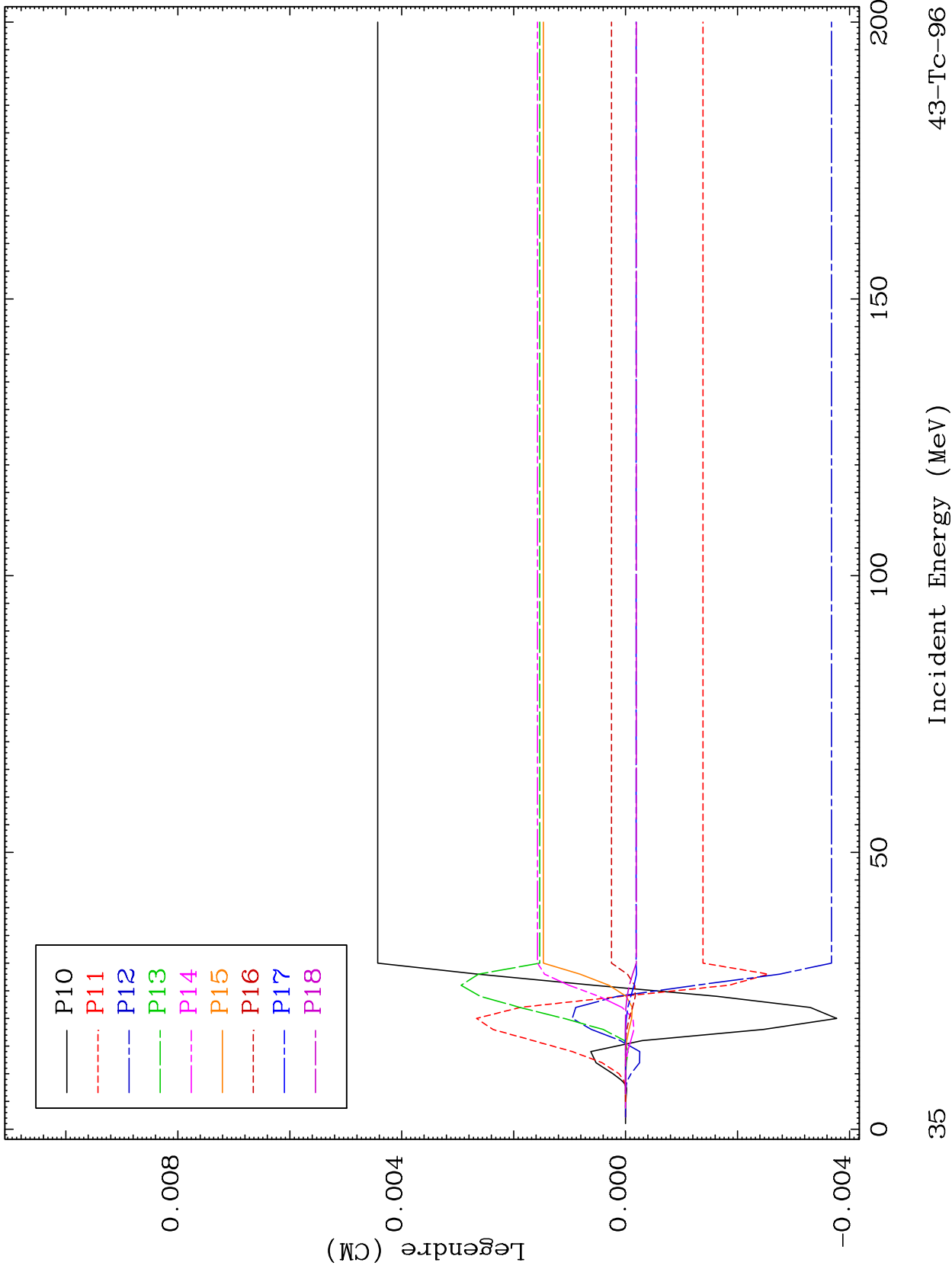
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

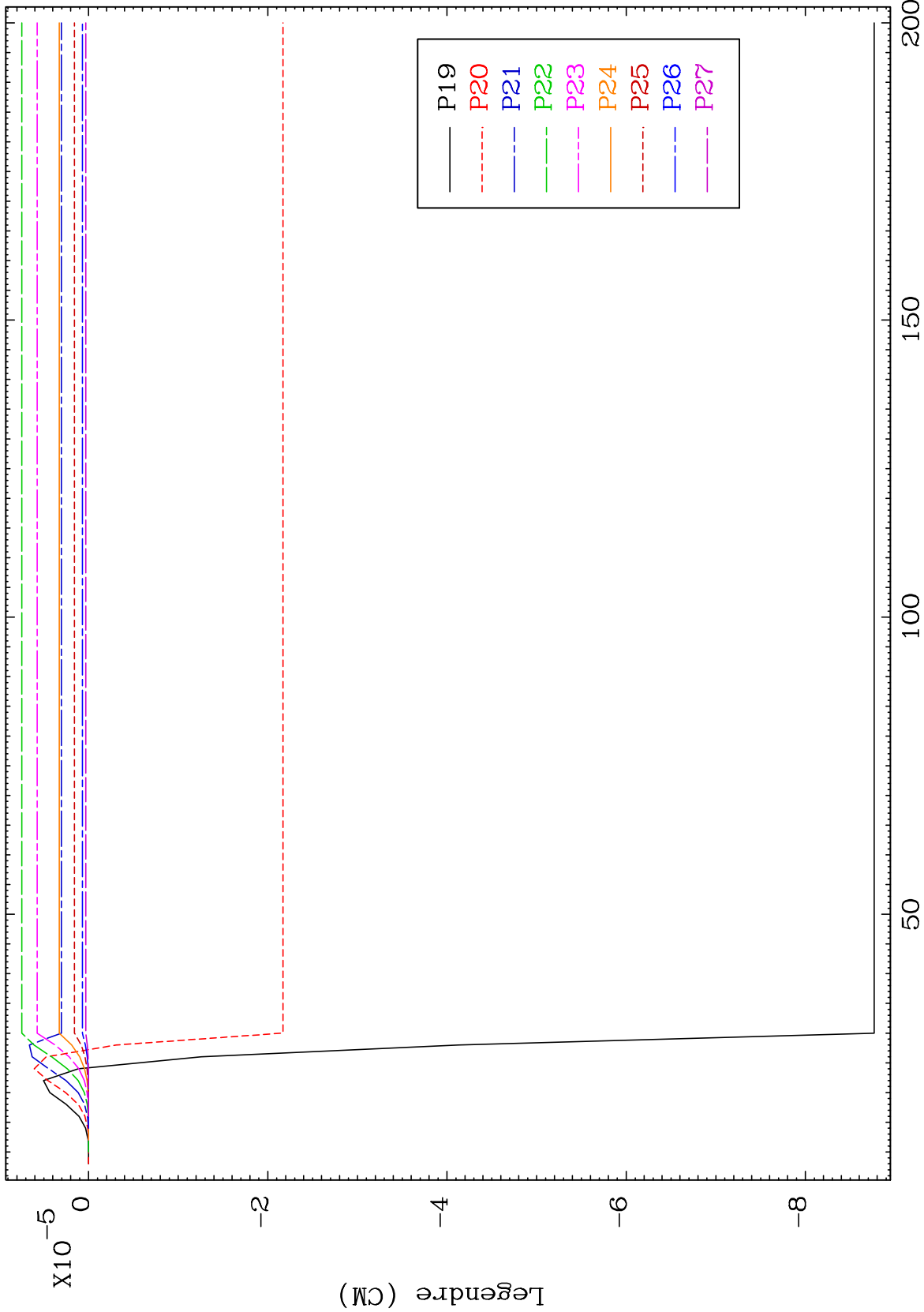
43-Tc-96



35

Incident Energy (MeV)

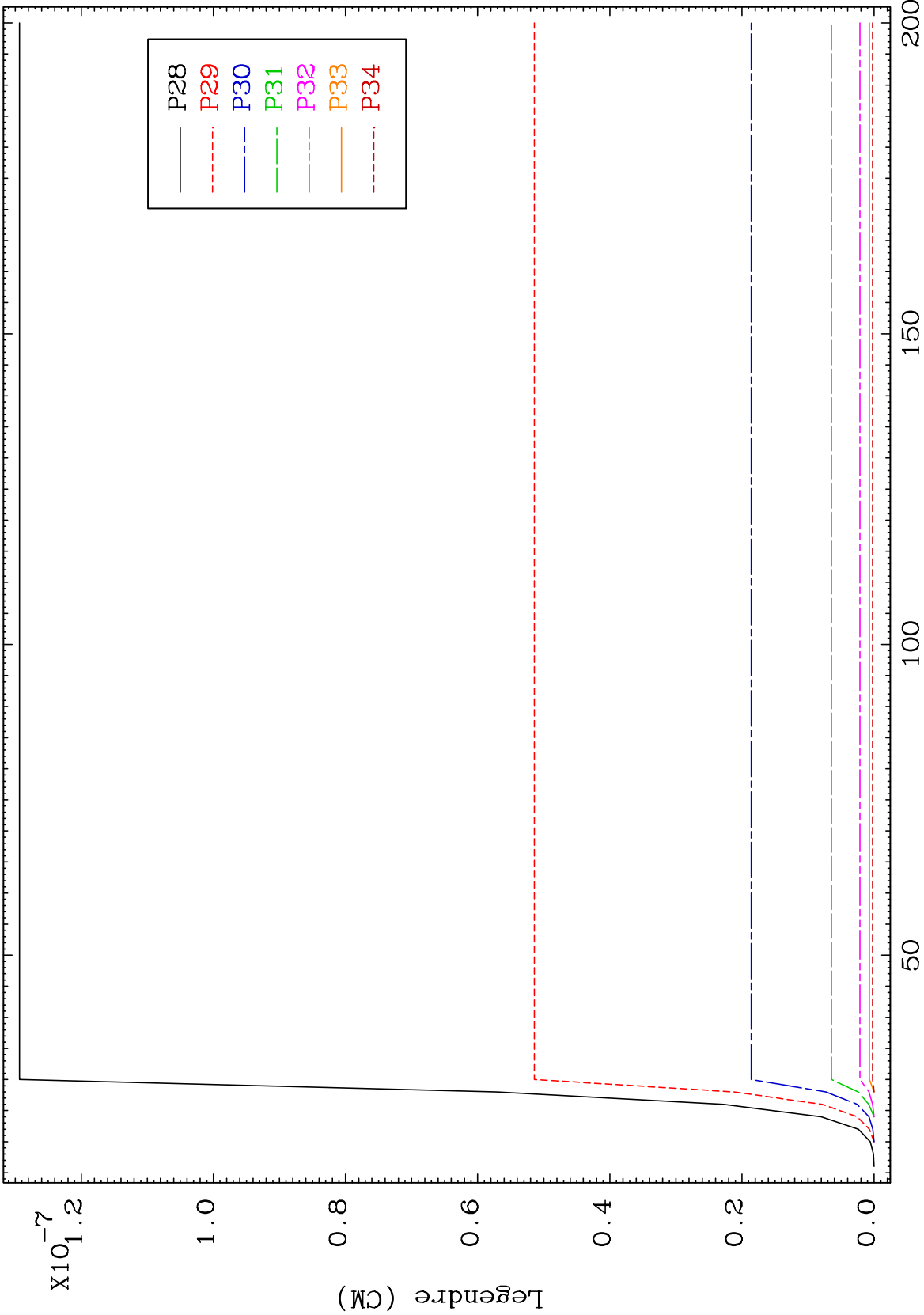
43-Tc-96



MAT 4316

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

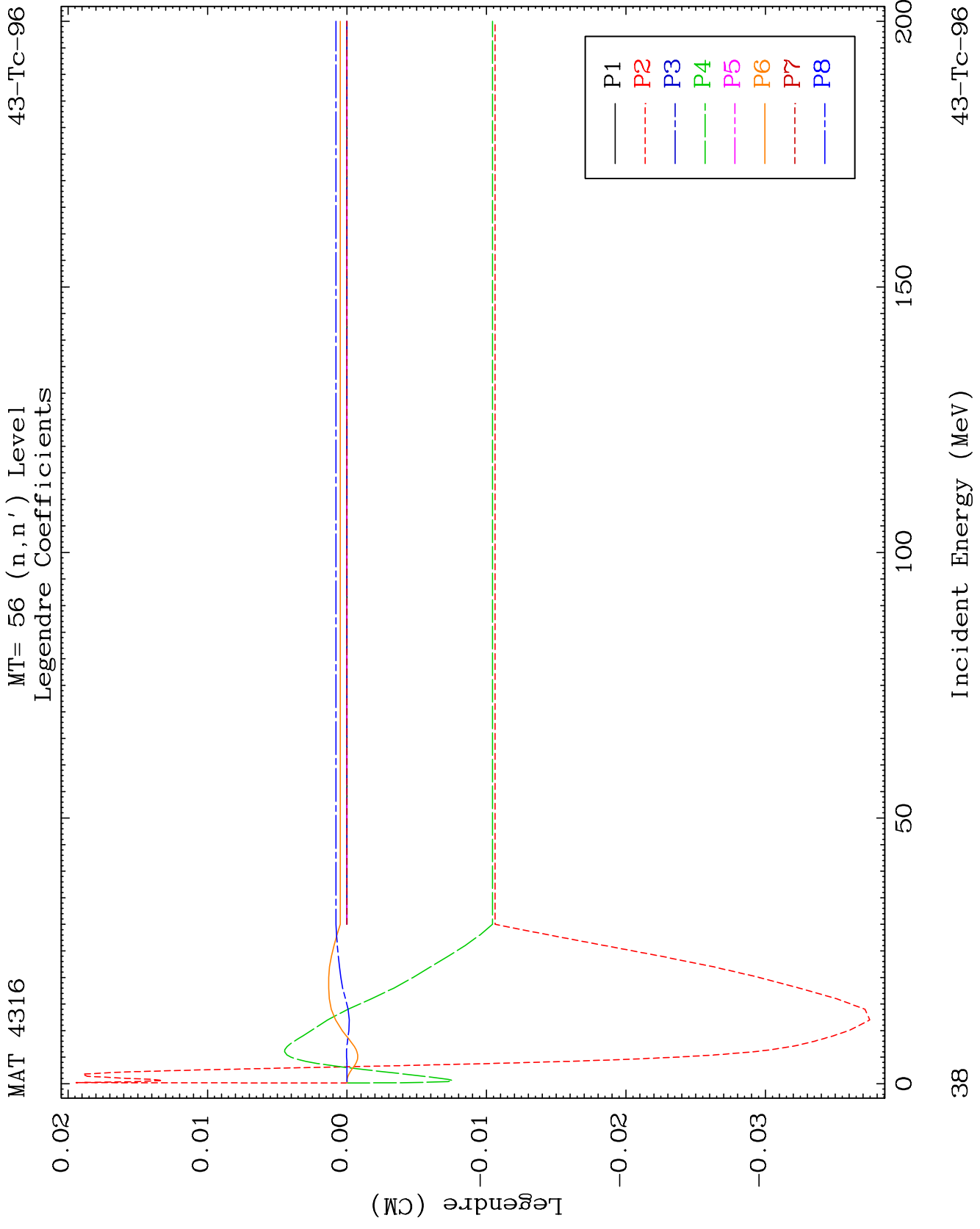
43-Tc-96



37

Incident Energy (MeV)

43-Tc-96



43-Tc-96

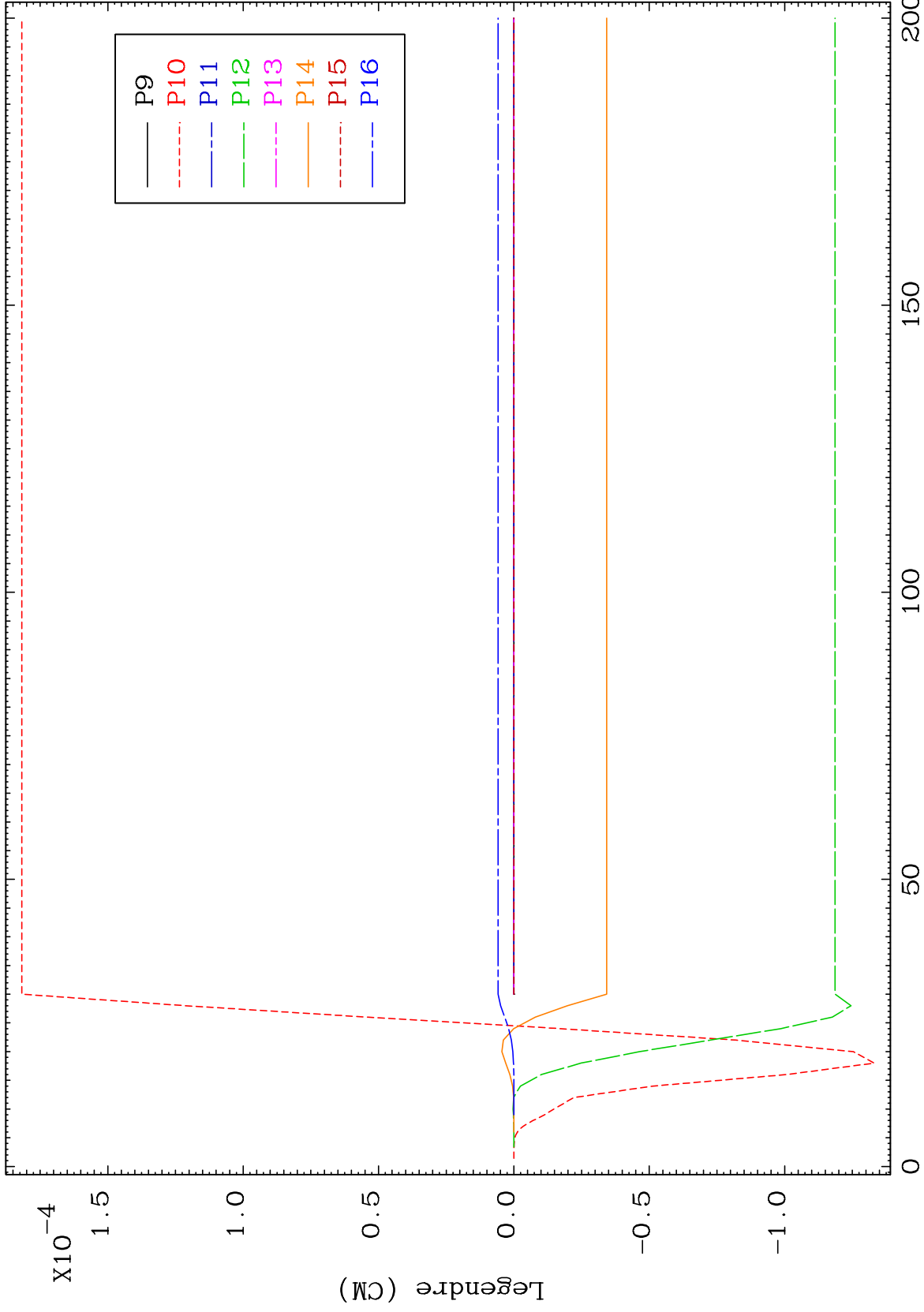
Incident Energy (MeV)

38

MAT 4316

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

43-Tc-96



39

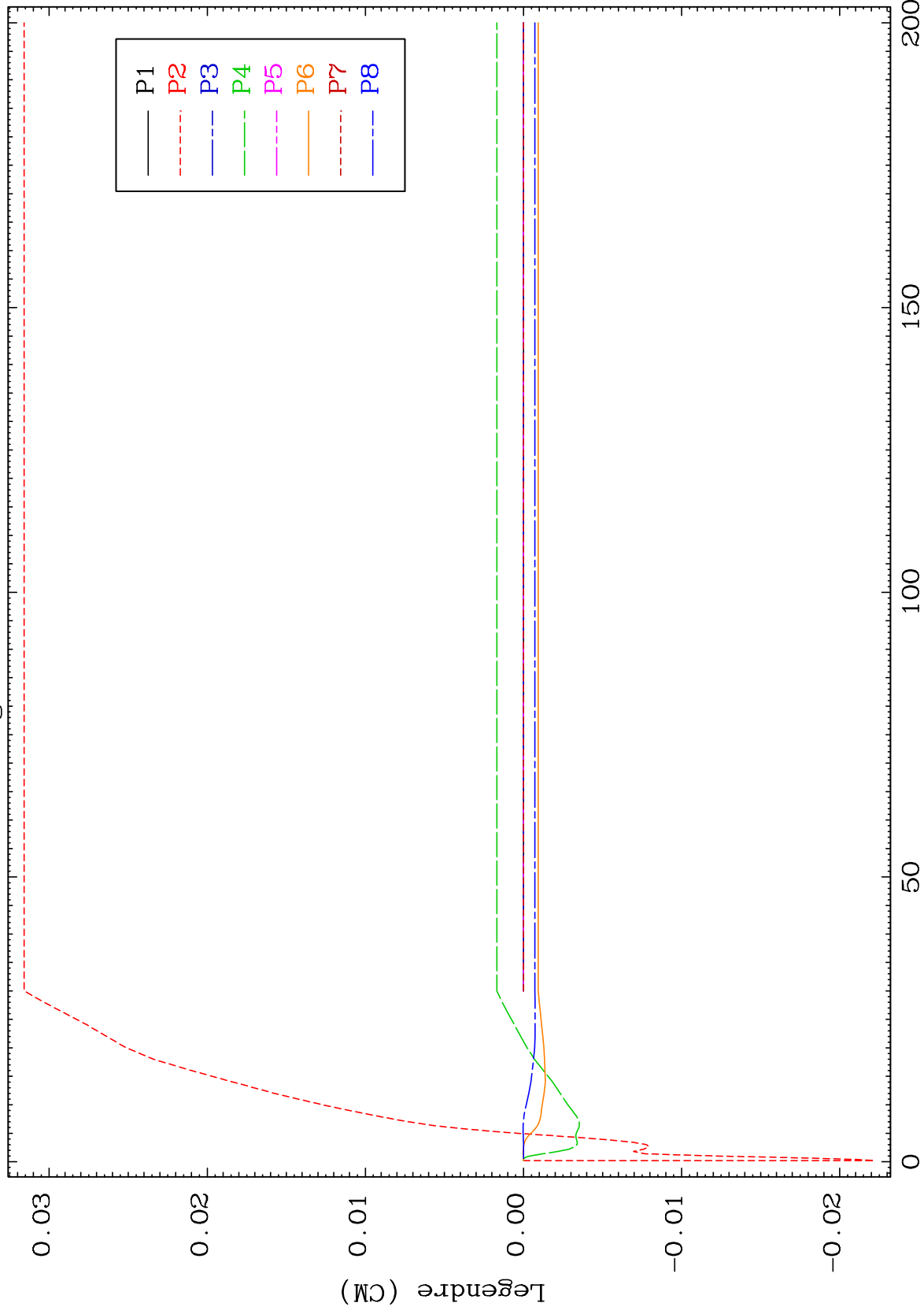
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

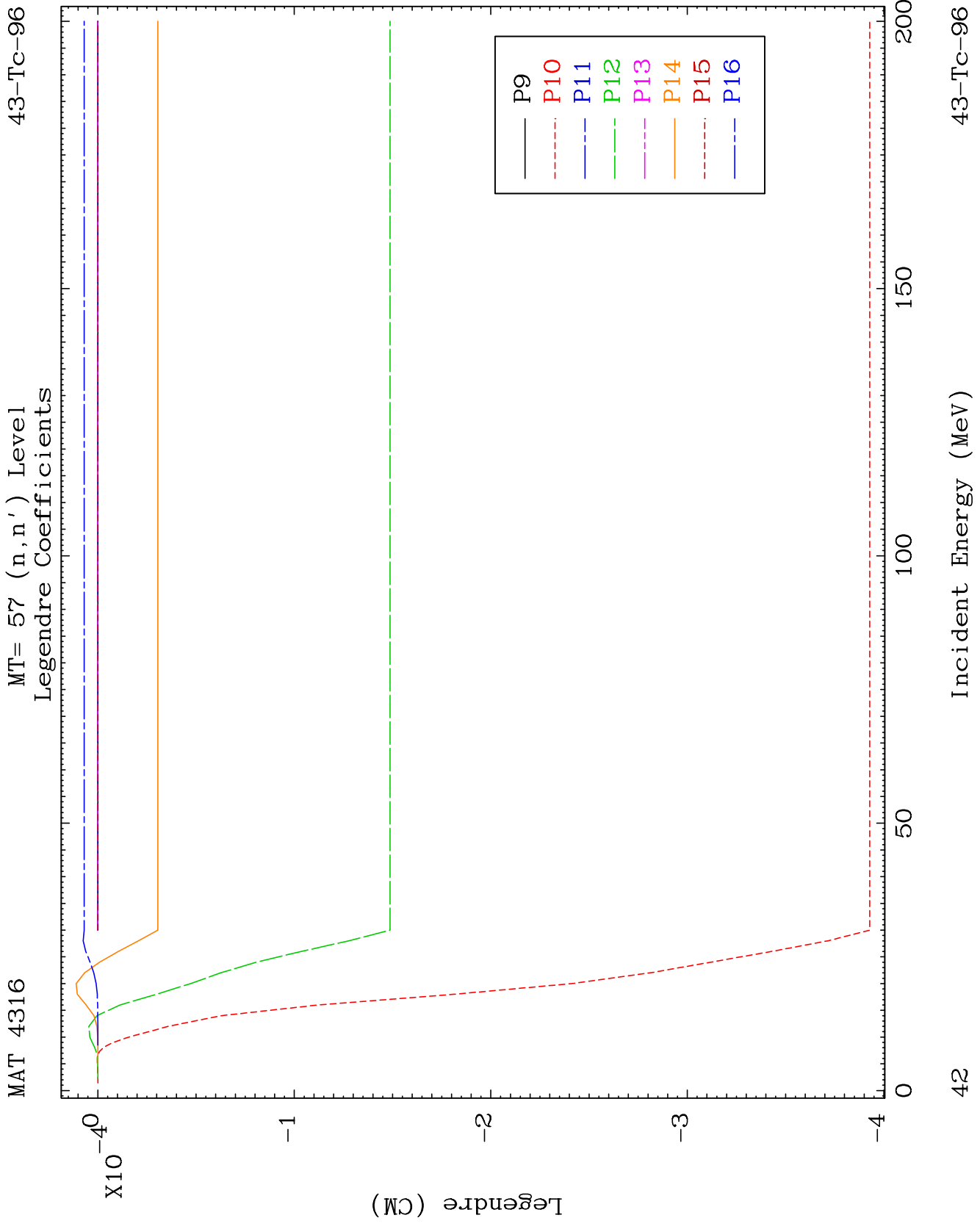
43-Tc-96



41

Incident Energy (MeV)

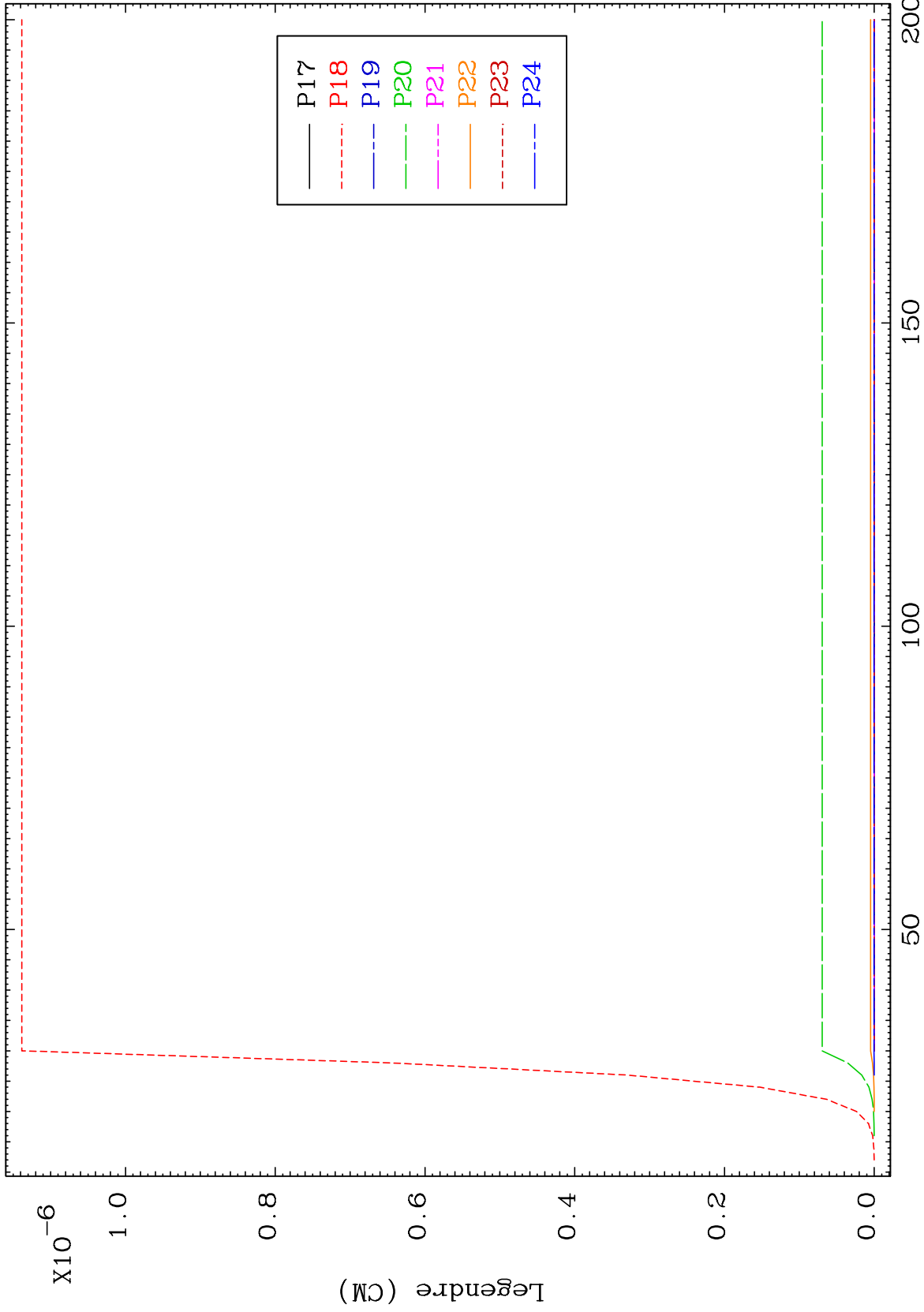
43-Tc-96



MAT 4316

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

43-Tc-96



43

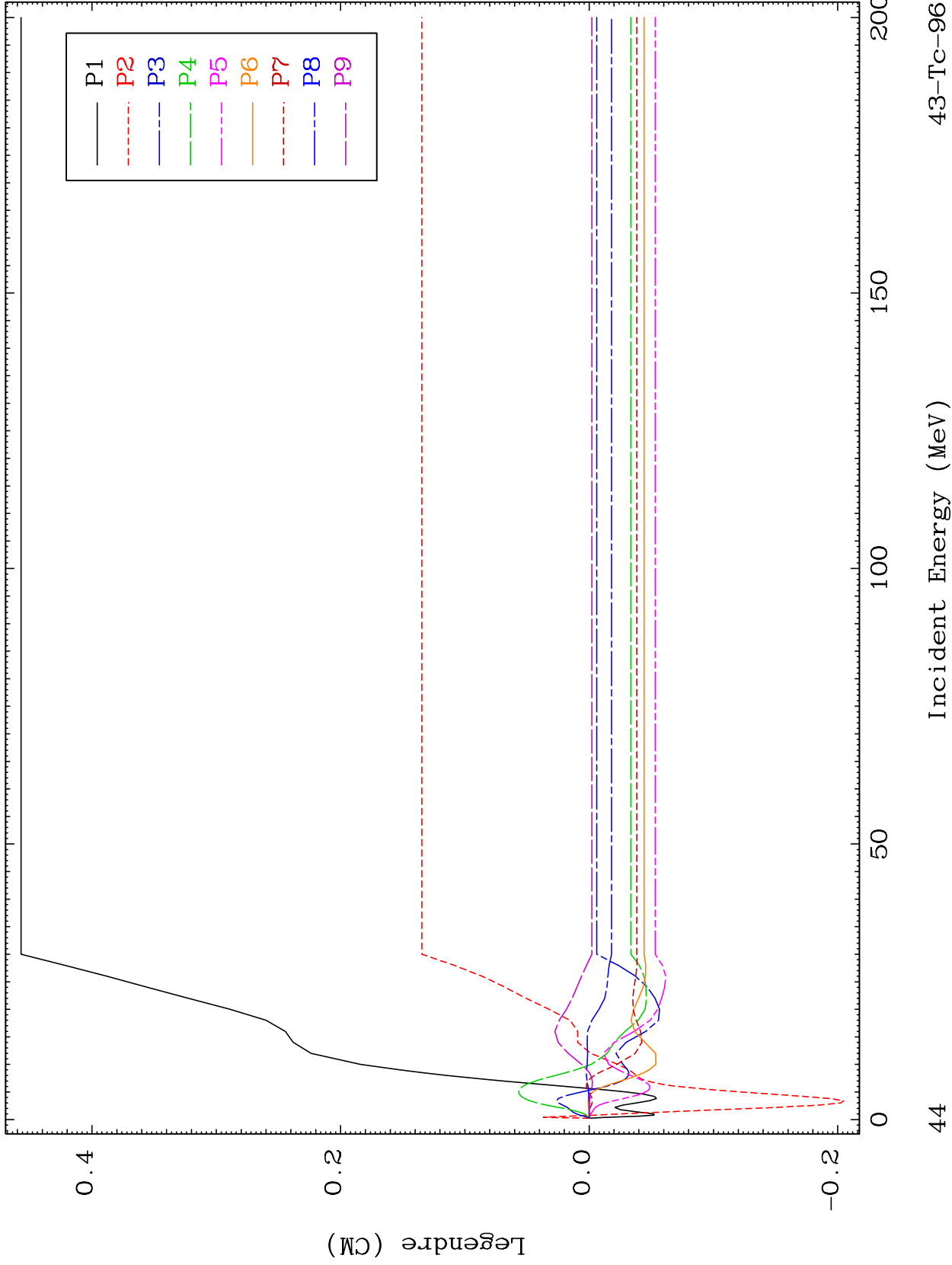
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

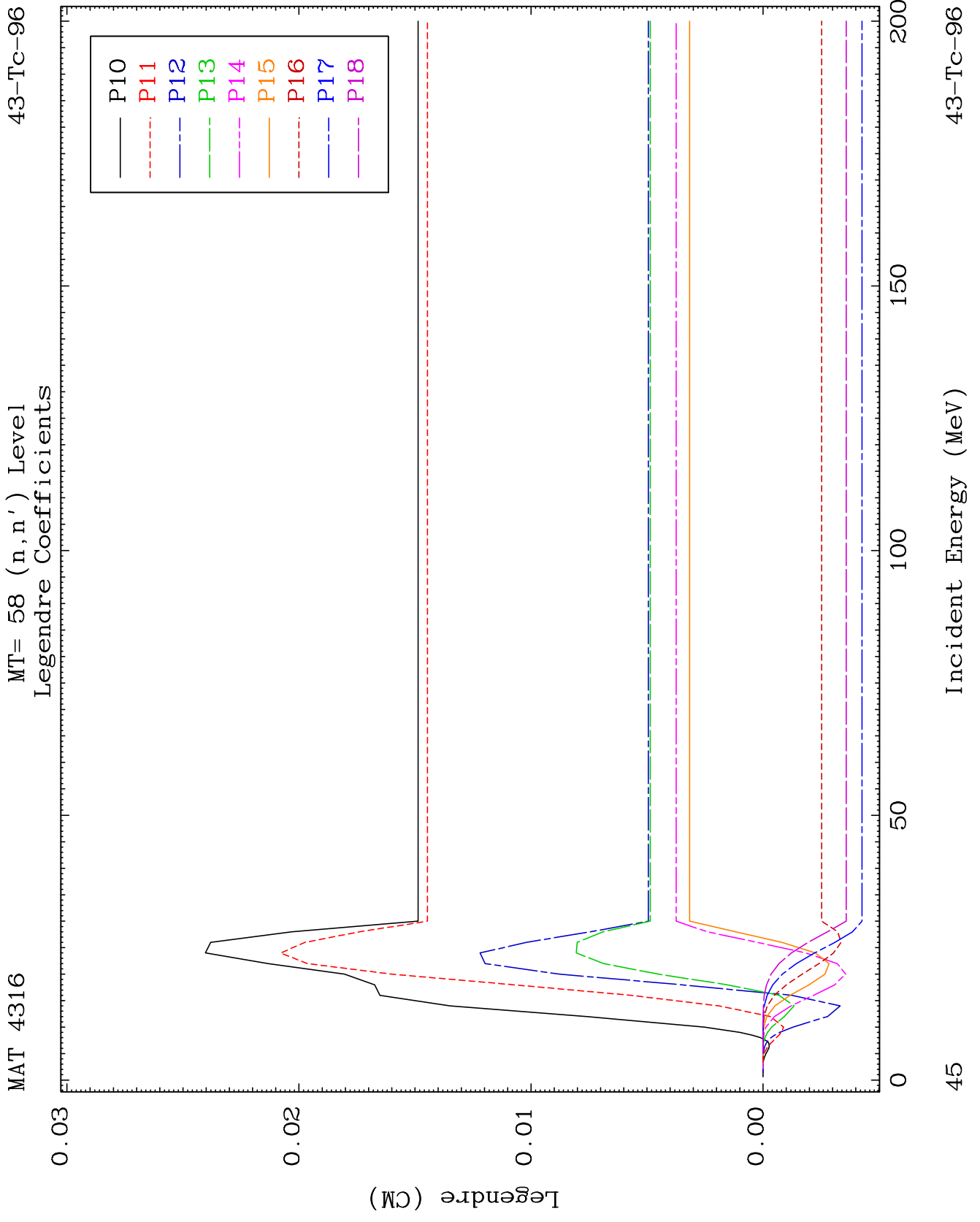
43-Tc-96

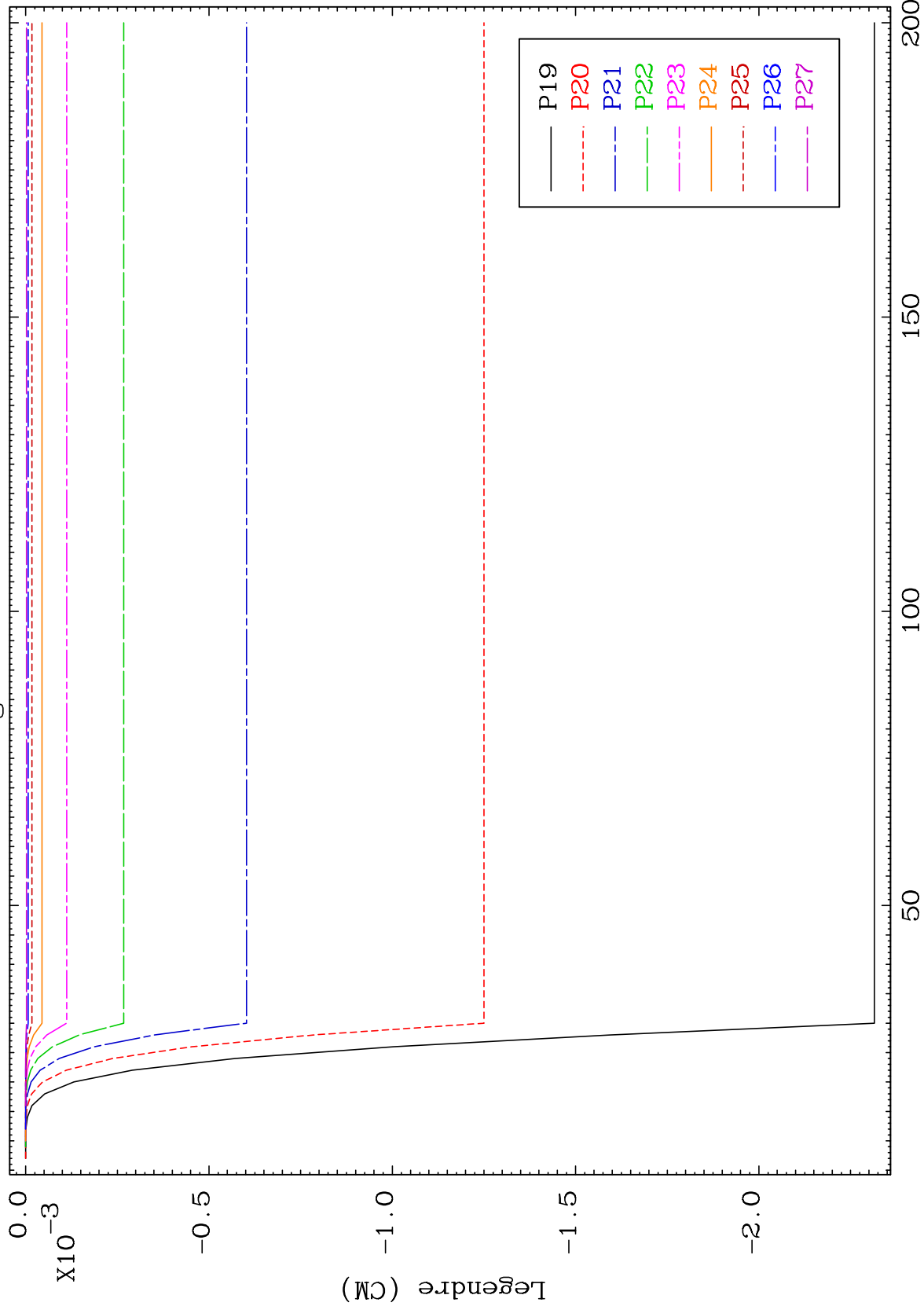


43-Tc-96

Incident Energy (MeV)

44

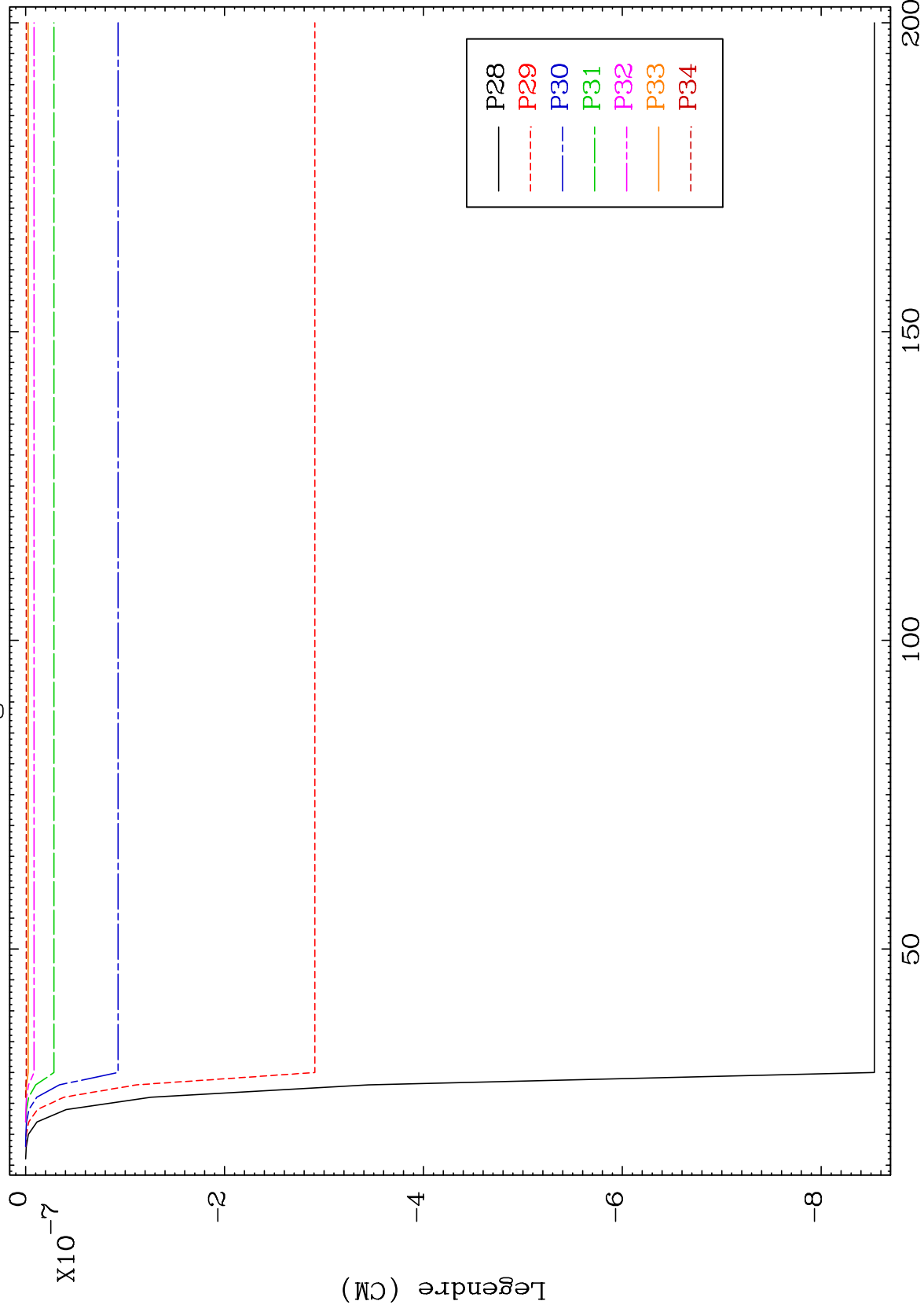




MAT 4316

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

43-Tc-96



47

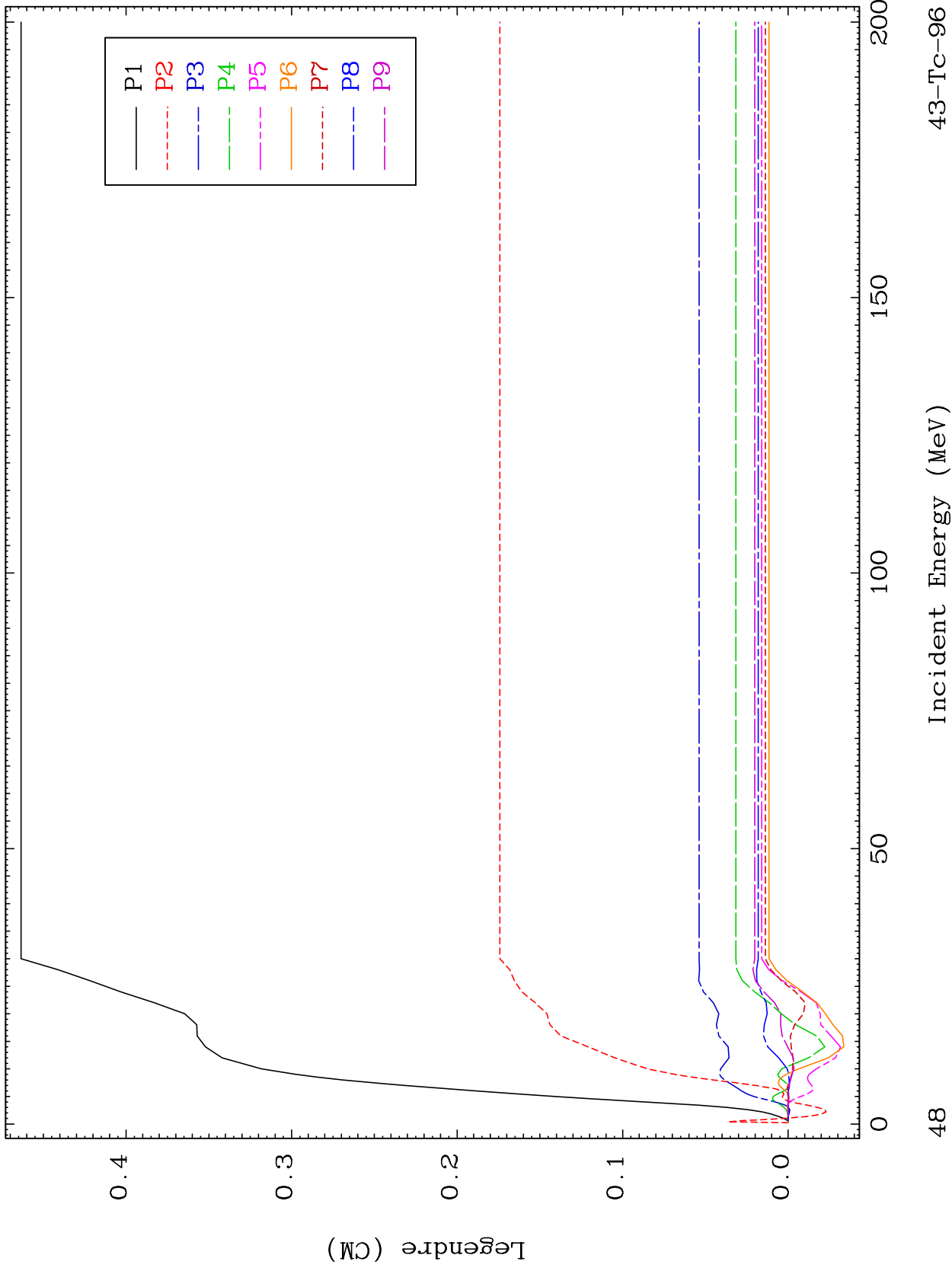
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



48

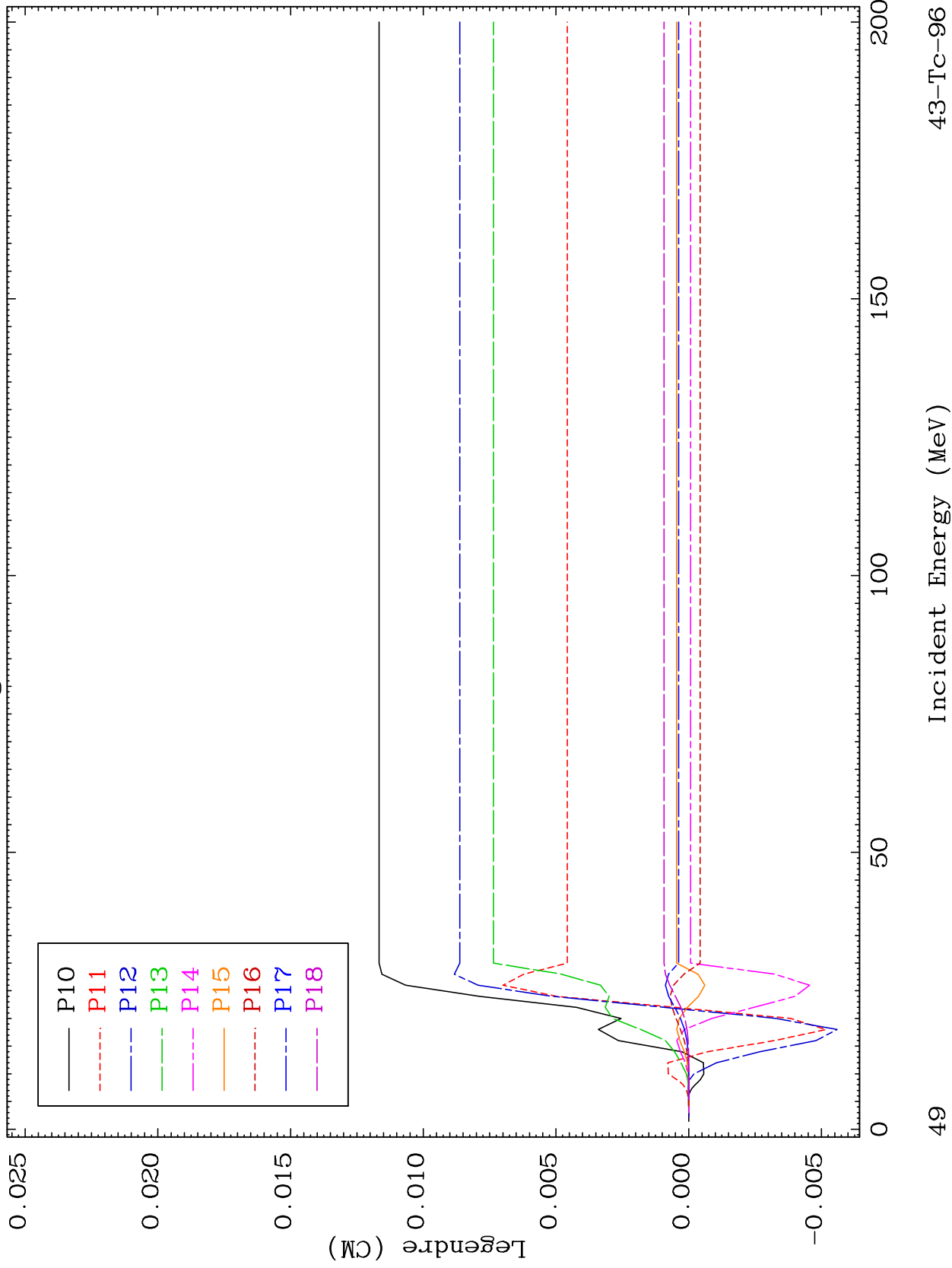
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



43-Tc-96

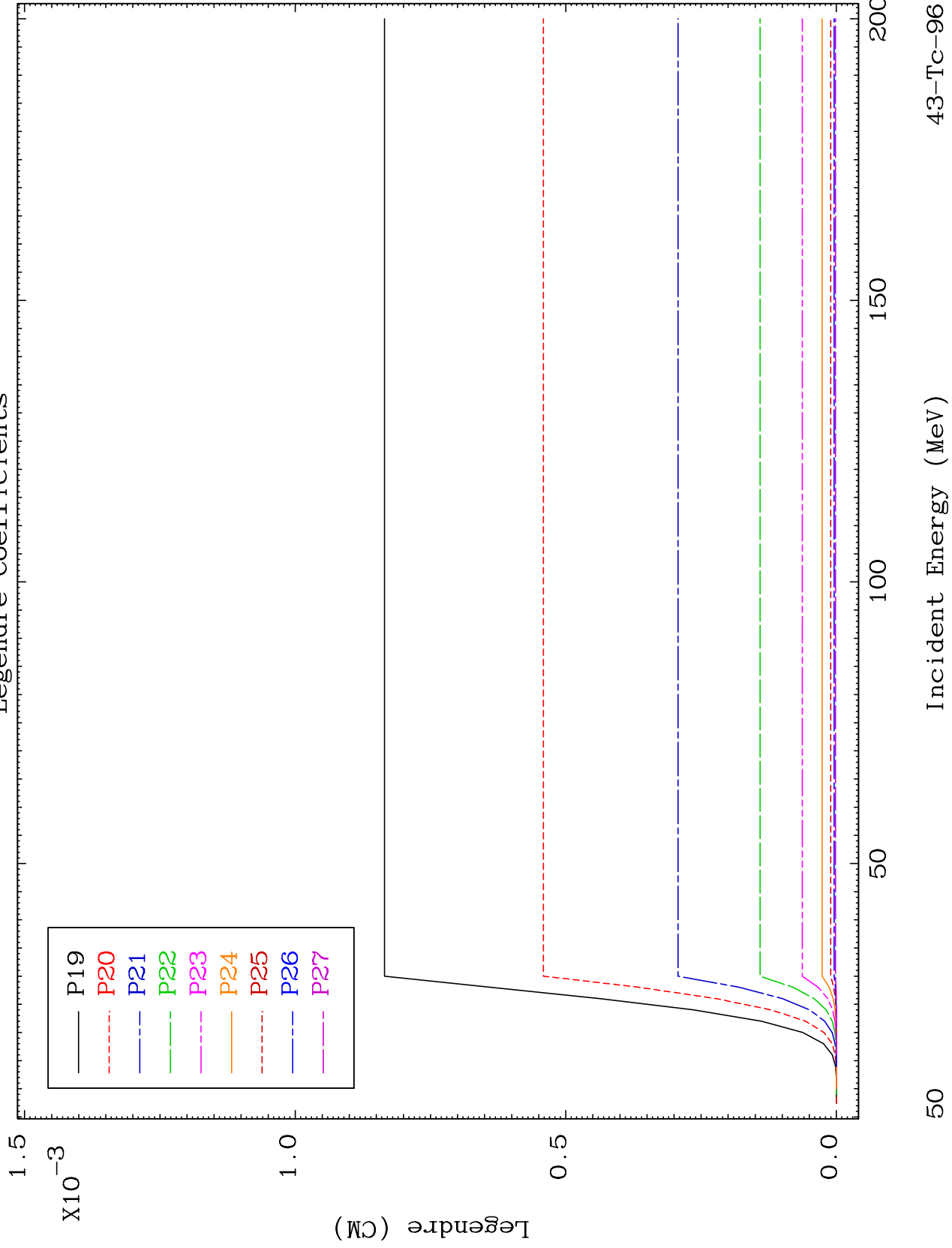
Incident Energy (MeV)

49

MAT 4316

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

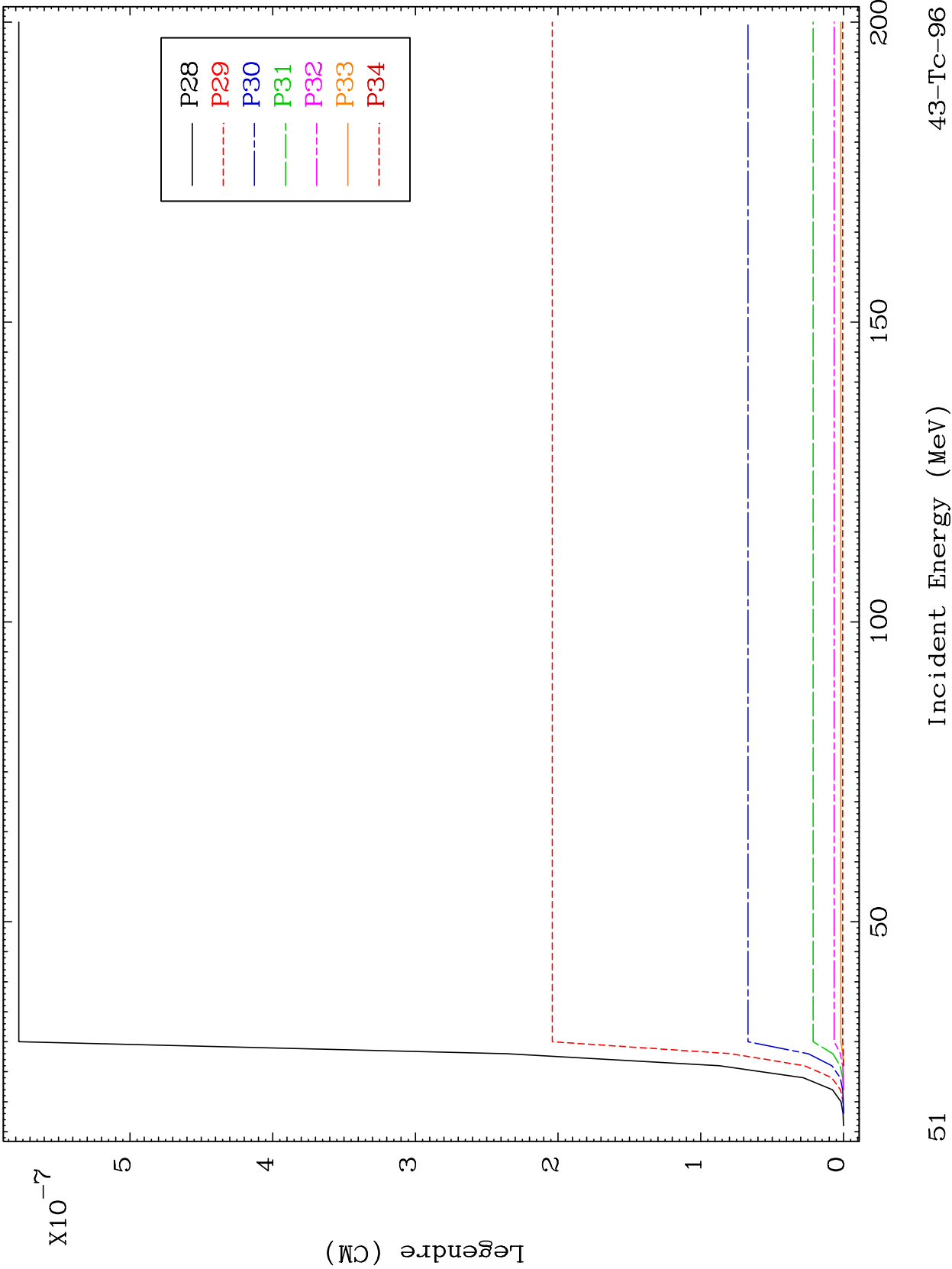
43-Tc-96



MAT 4316

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

43-Tc-96



51

Incident Energy (MeV)

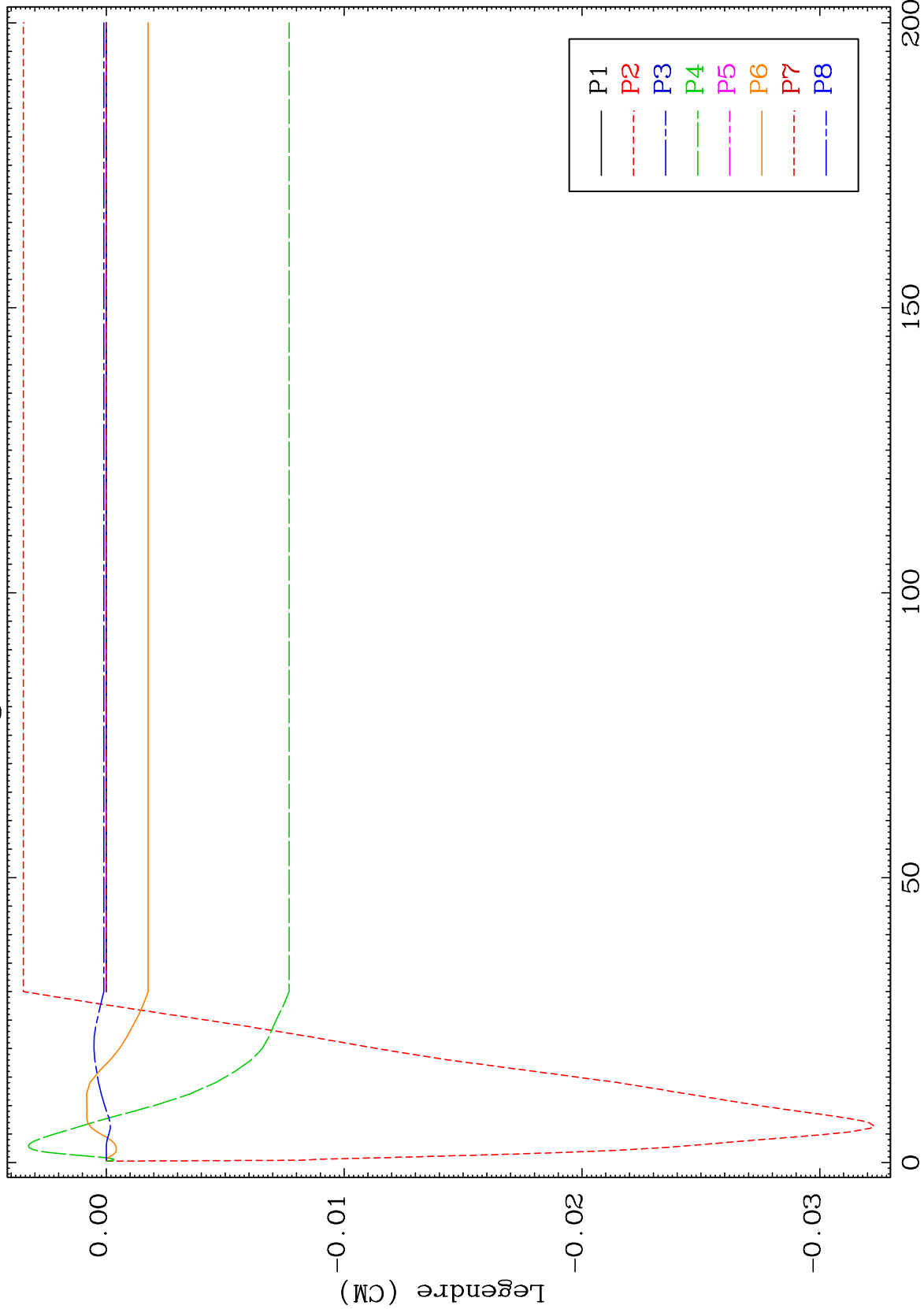
43-Tc-96

MAT 4316

MT= 60 (n,n') Level

43-Tc-96

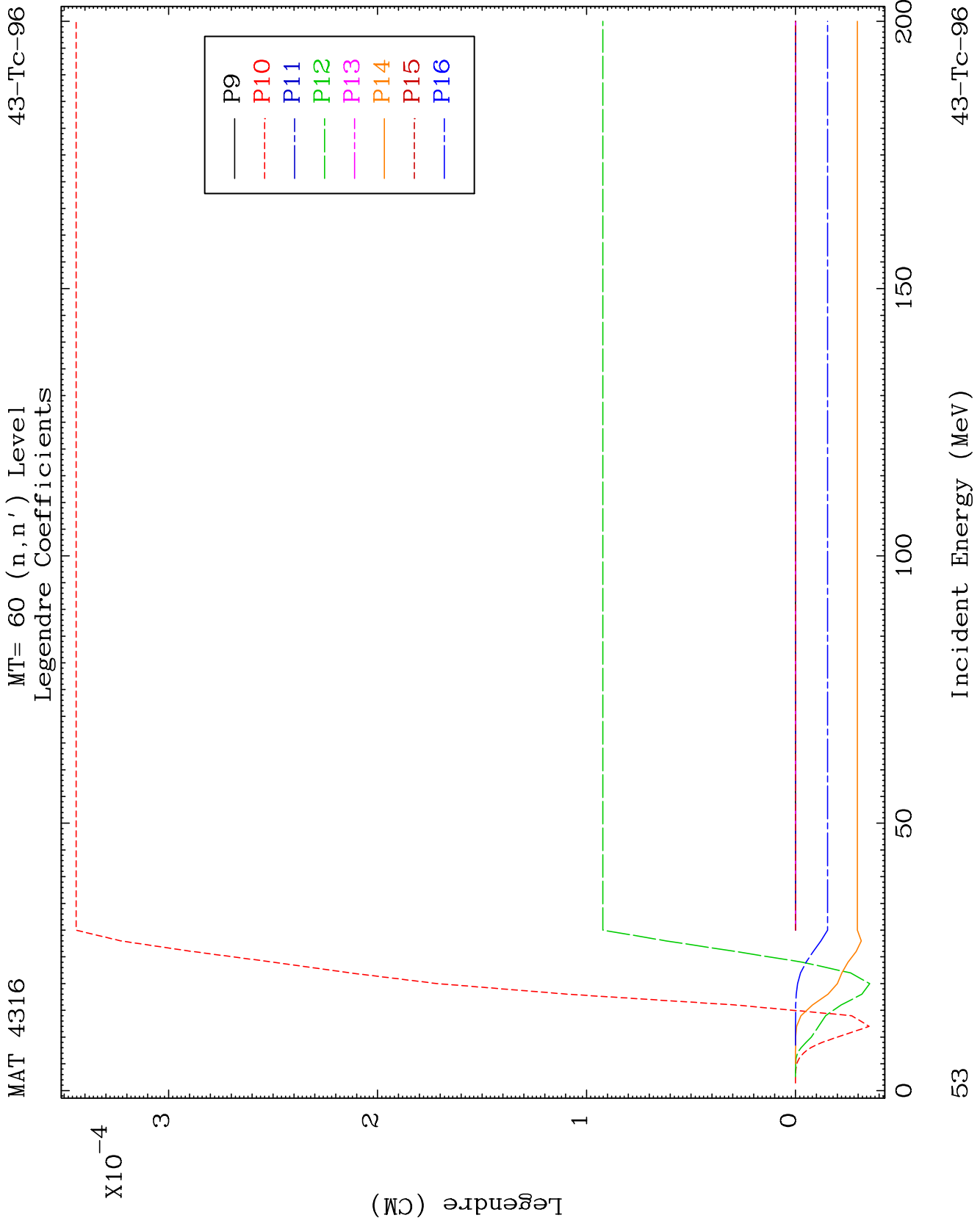
Legendre Coefficients

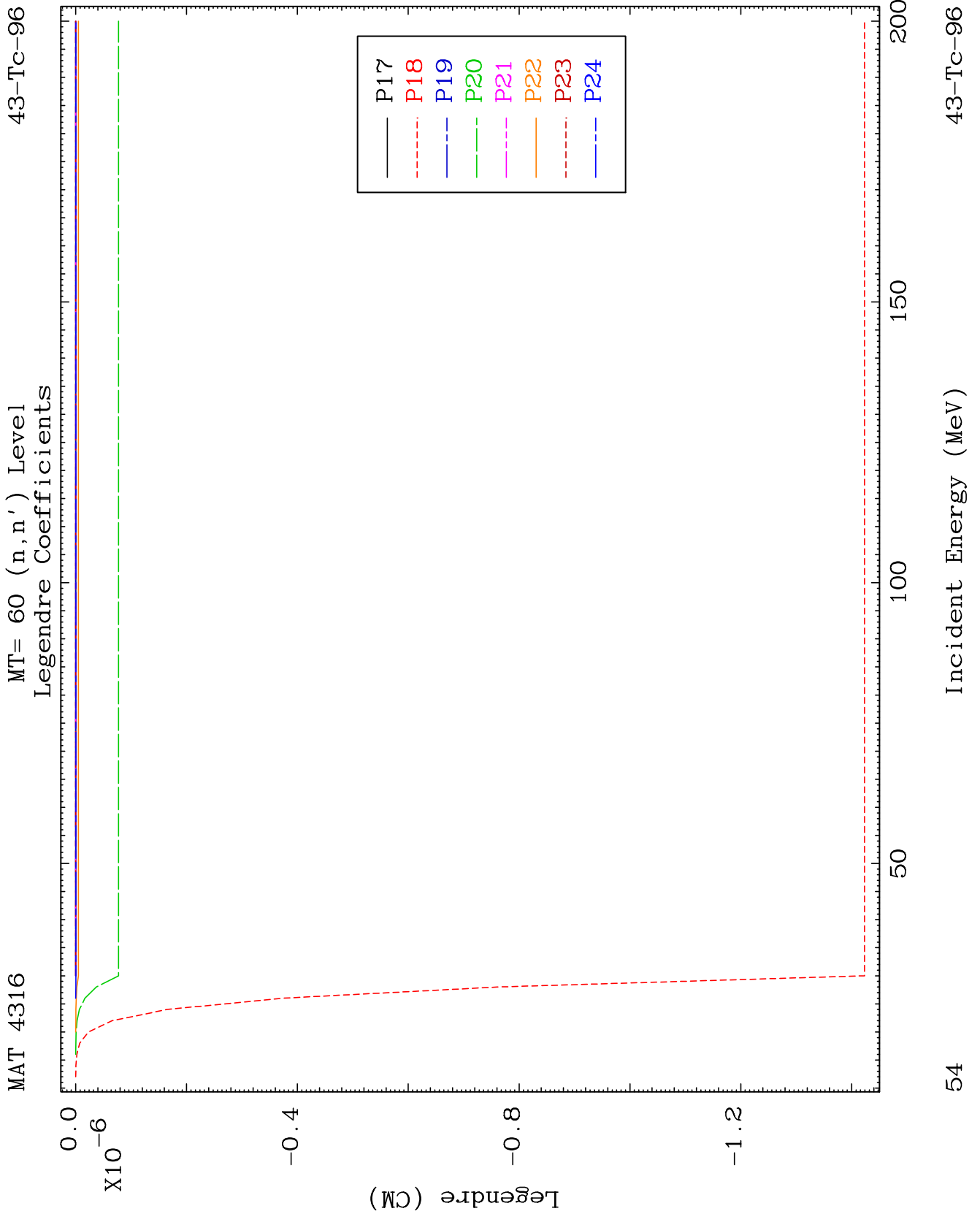


52

Incident Energy (MeV)

43-Tc-96



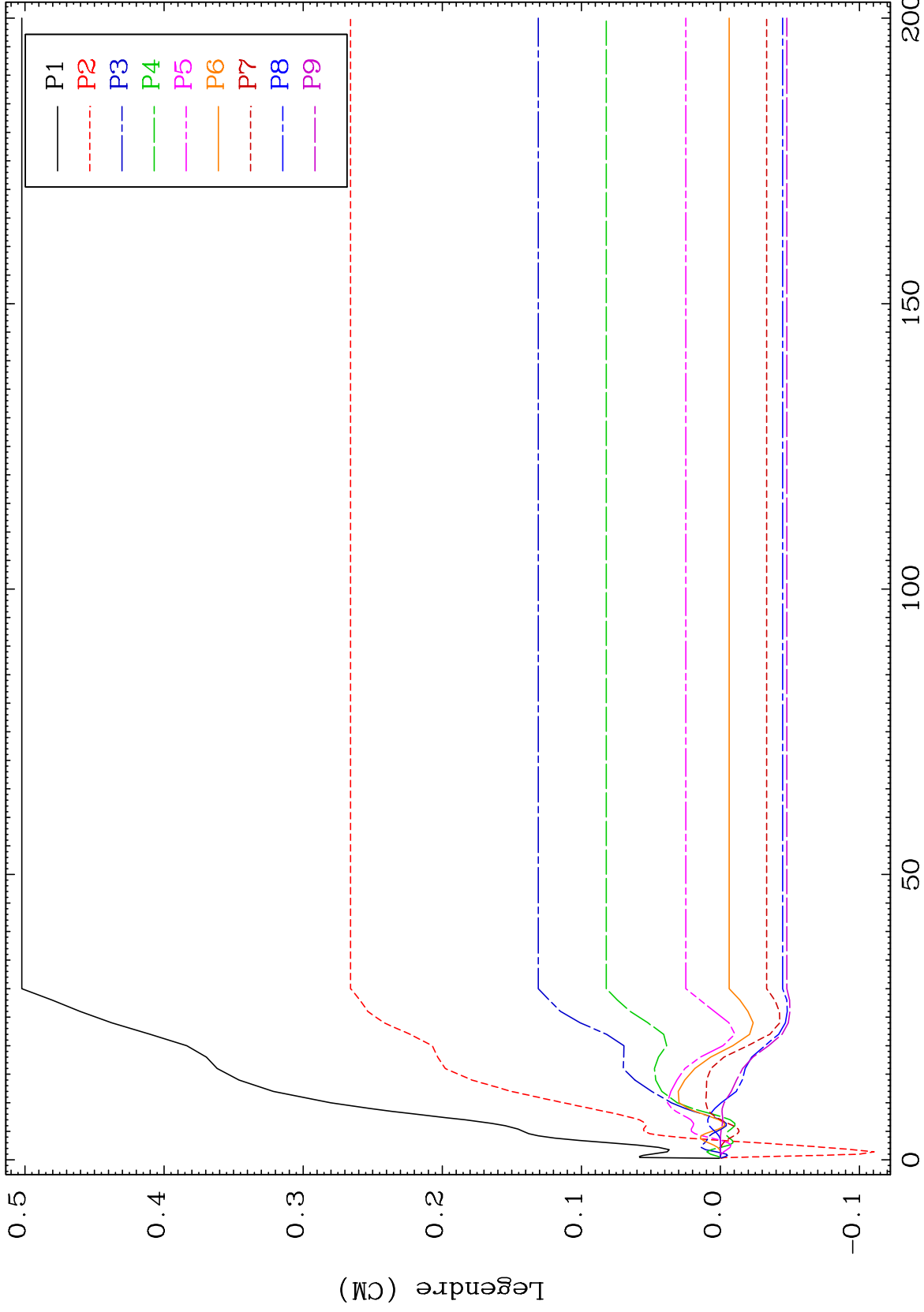


MAT 4316

MT= 61 (n,n') Level

43-Tc-96

Legendre Coefficients



55

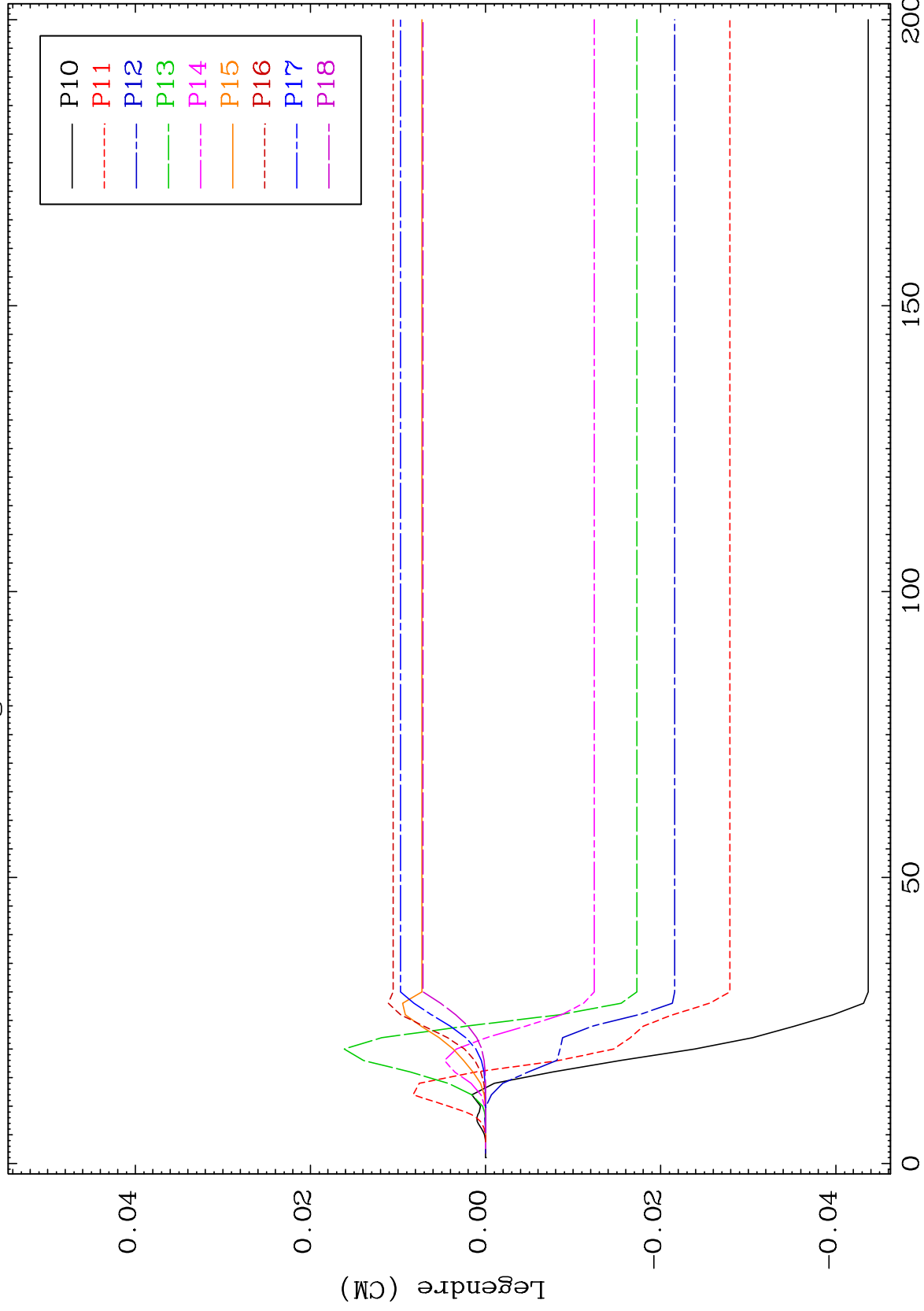
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 61 (n,n') Level
Legendre Coefficients

43-Tc-96



56

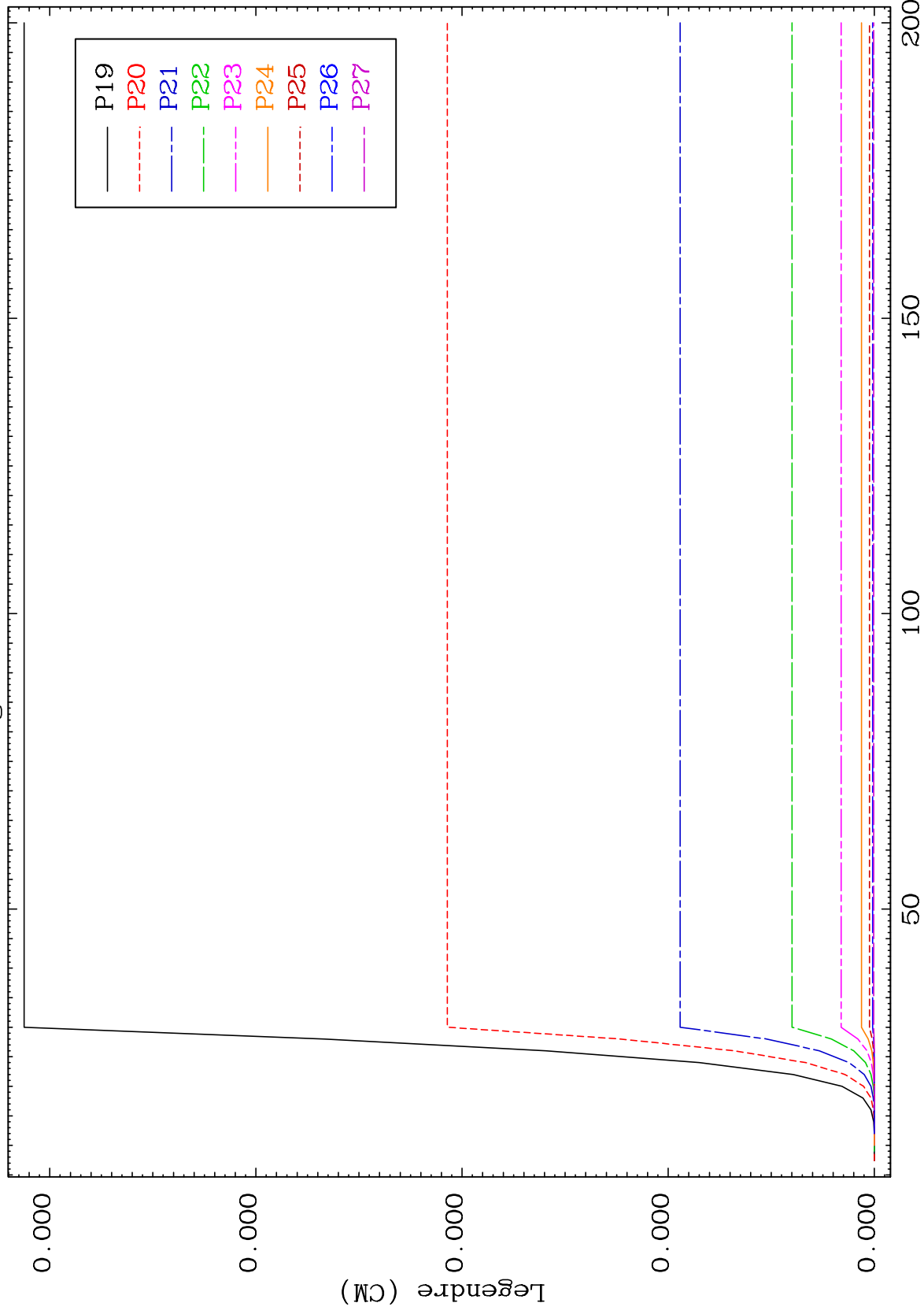
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 61 (n,n') Level
Legendre Coefficients

43-Tc-96



57

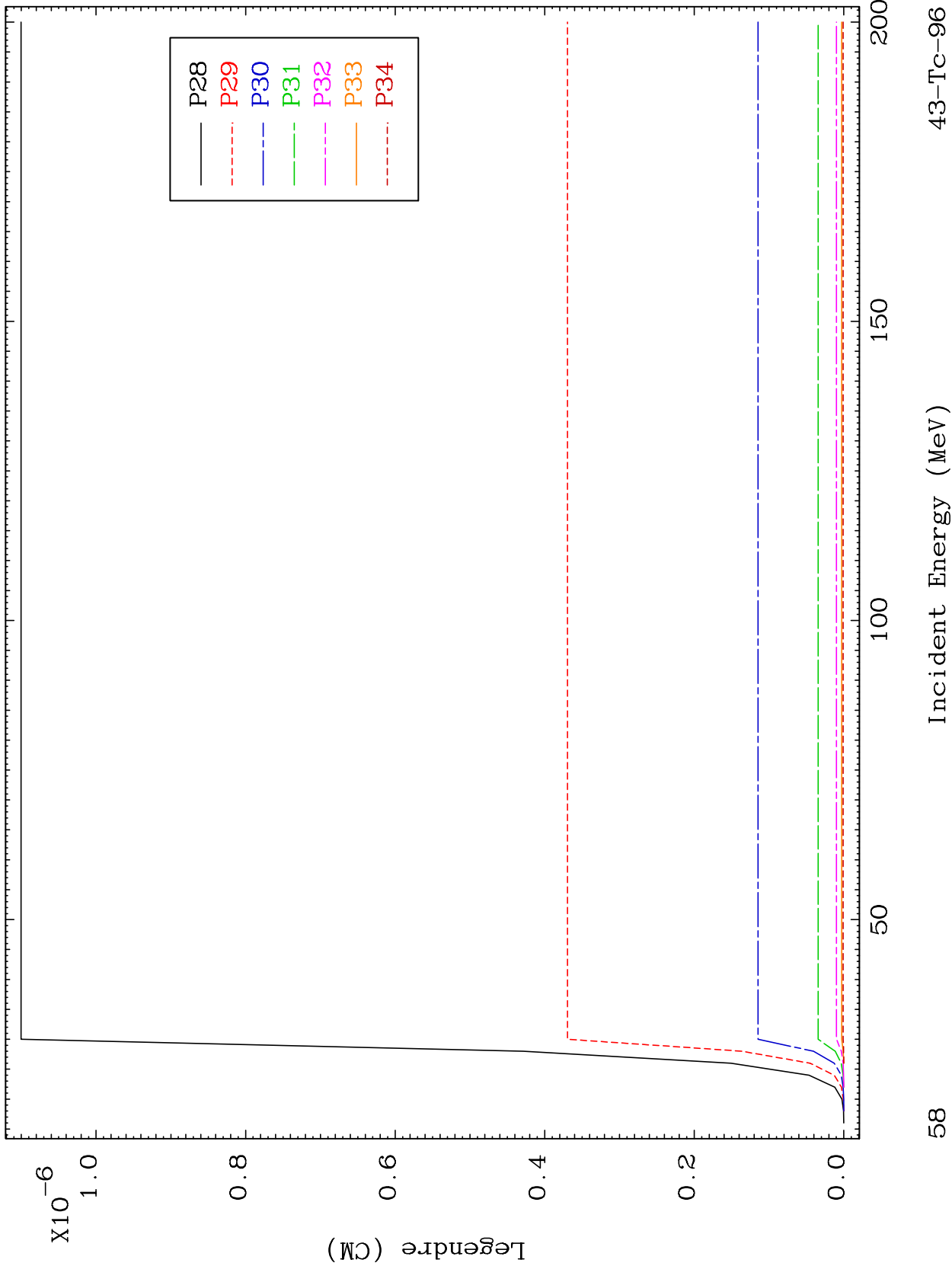
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 61 (n,n') Level
Legendre Coefficients

43-Tc-96



58

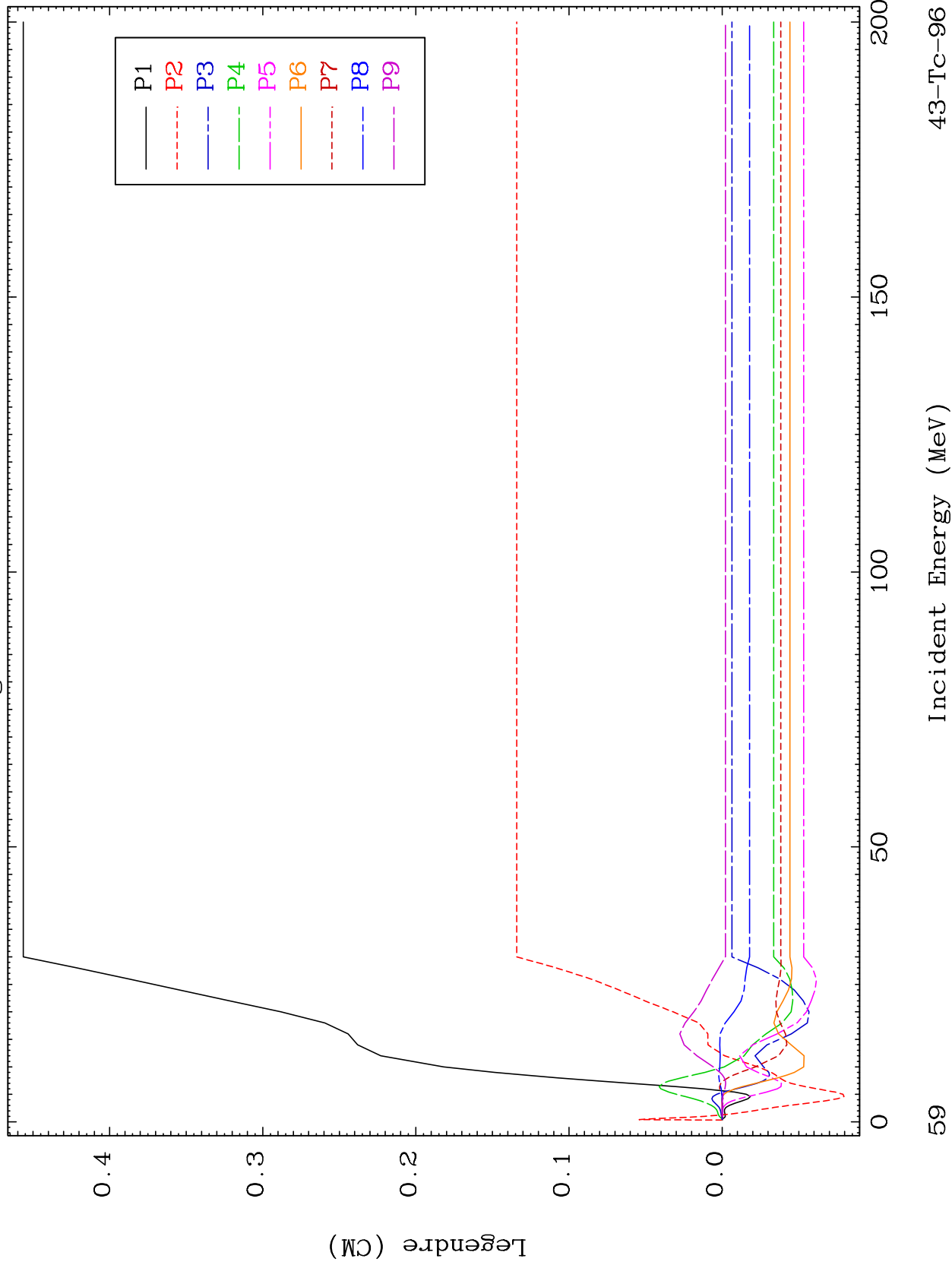
Incident Energy (MeV)

43-Tc-96

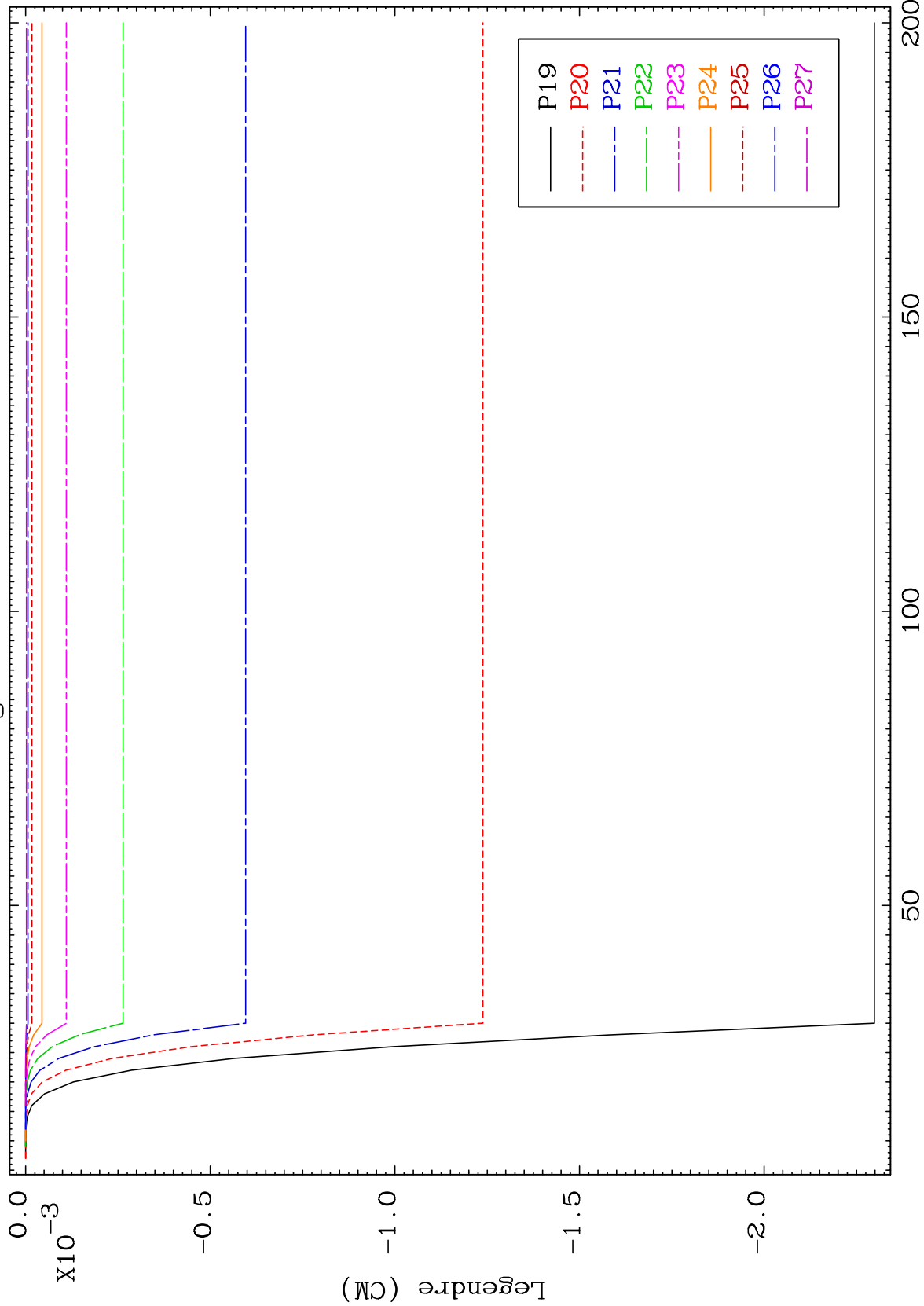
MAT 4316

MT= 62 (n,n') Level
Legendre Coefficients

43-Tc-96



43-Tc-96

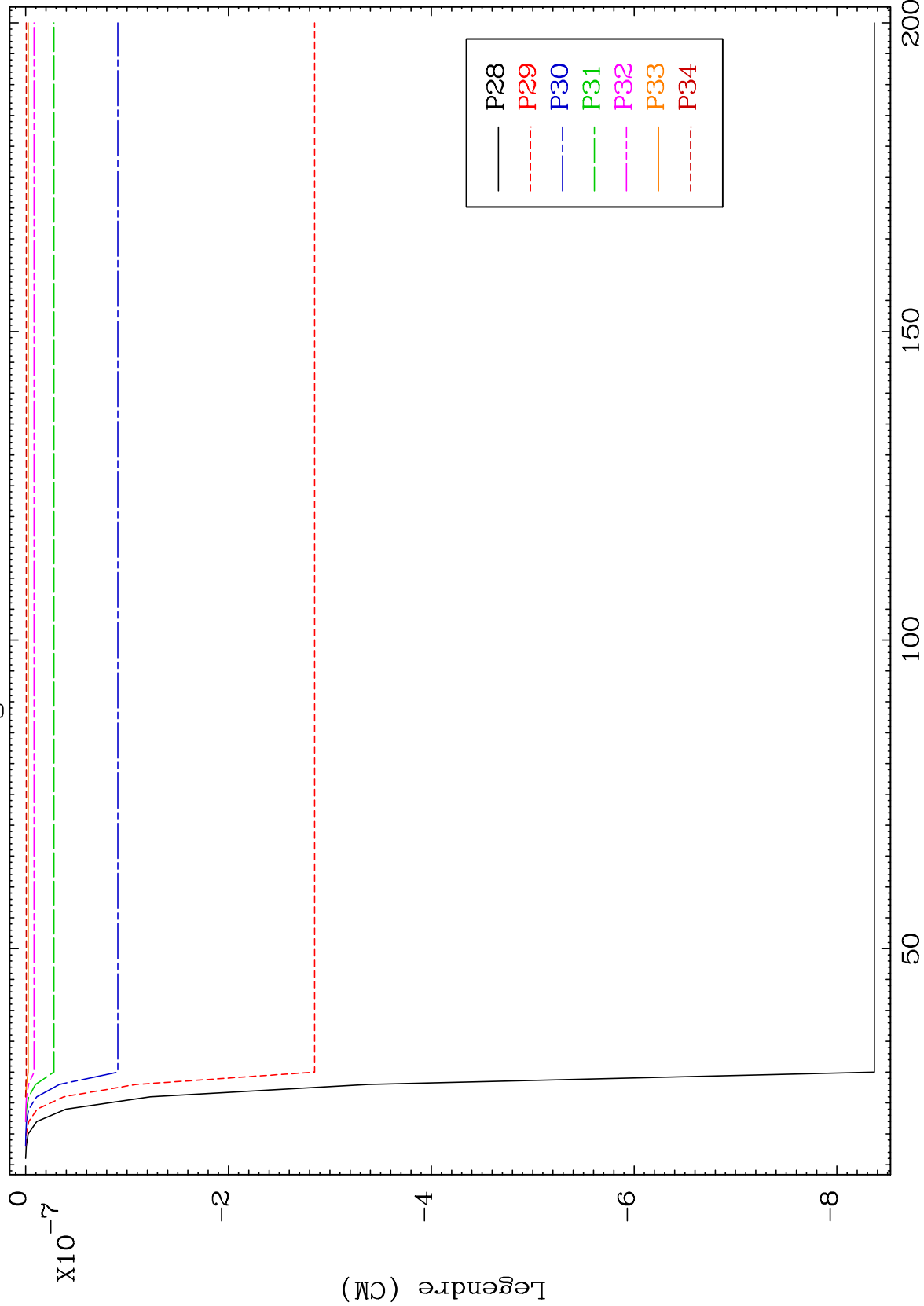


MAT 4316

MT= 62 (n,n') Level

43-Tc-96

Legendre Coefficients



62

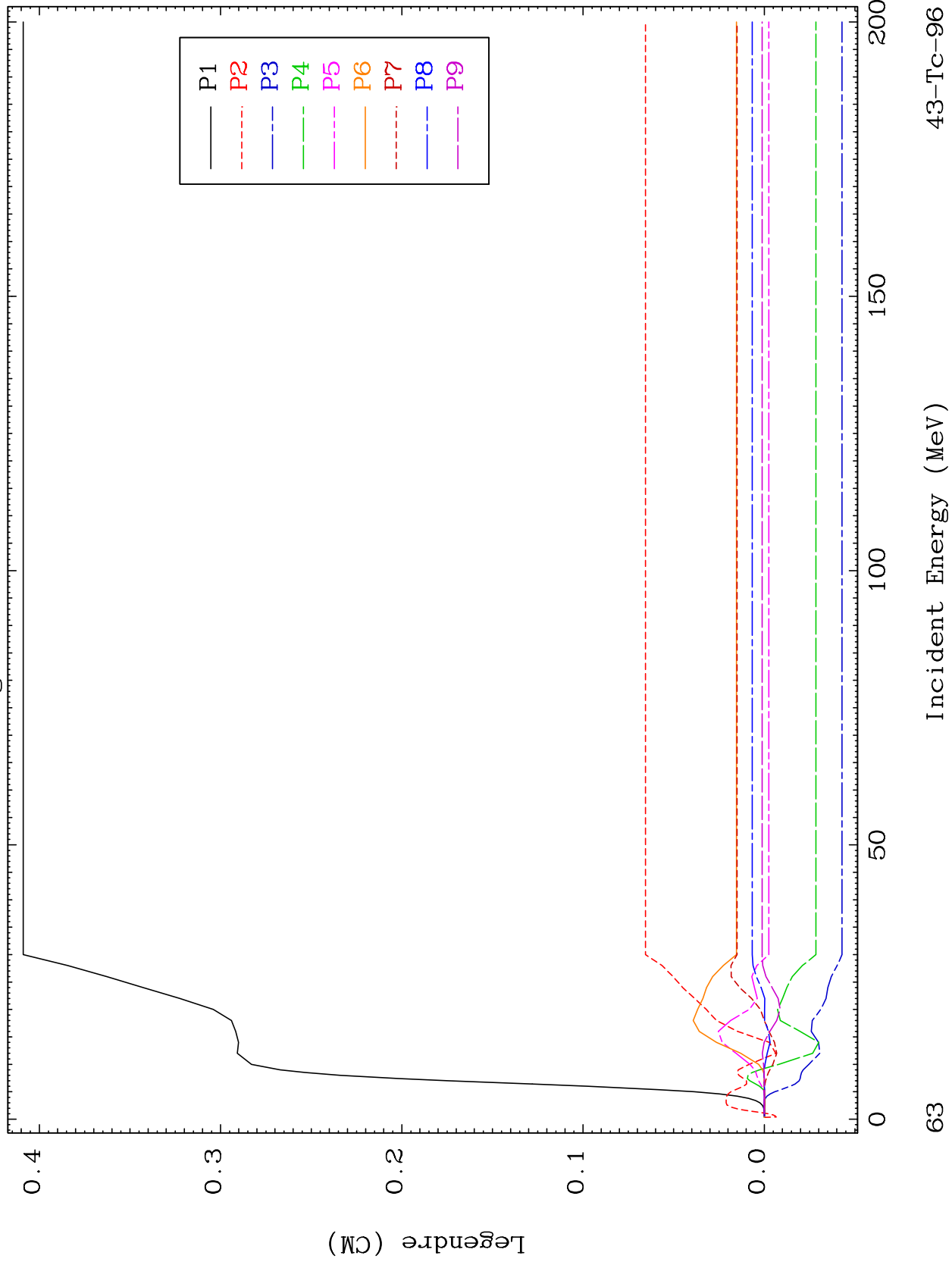
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 63 (n,n') Level
Legendre Coefficients

43-Tc-96



63

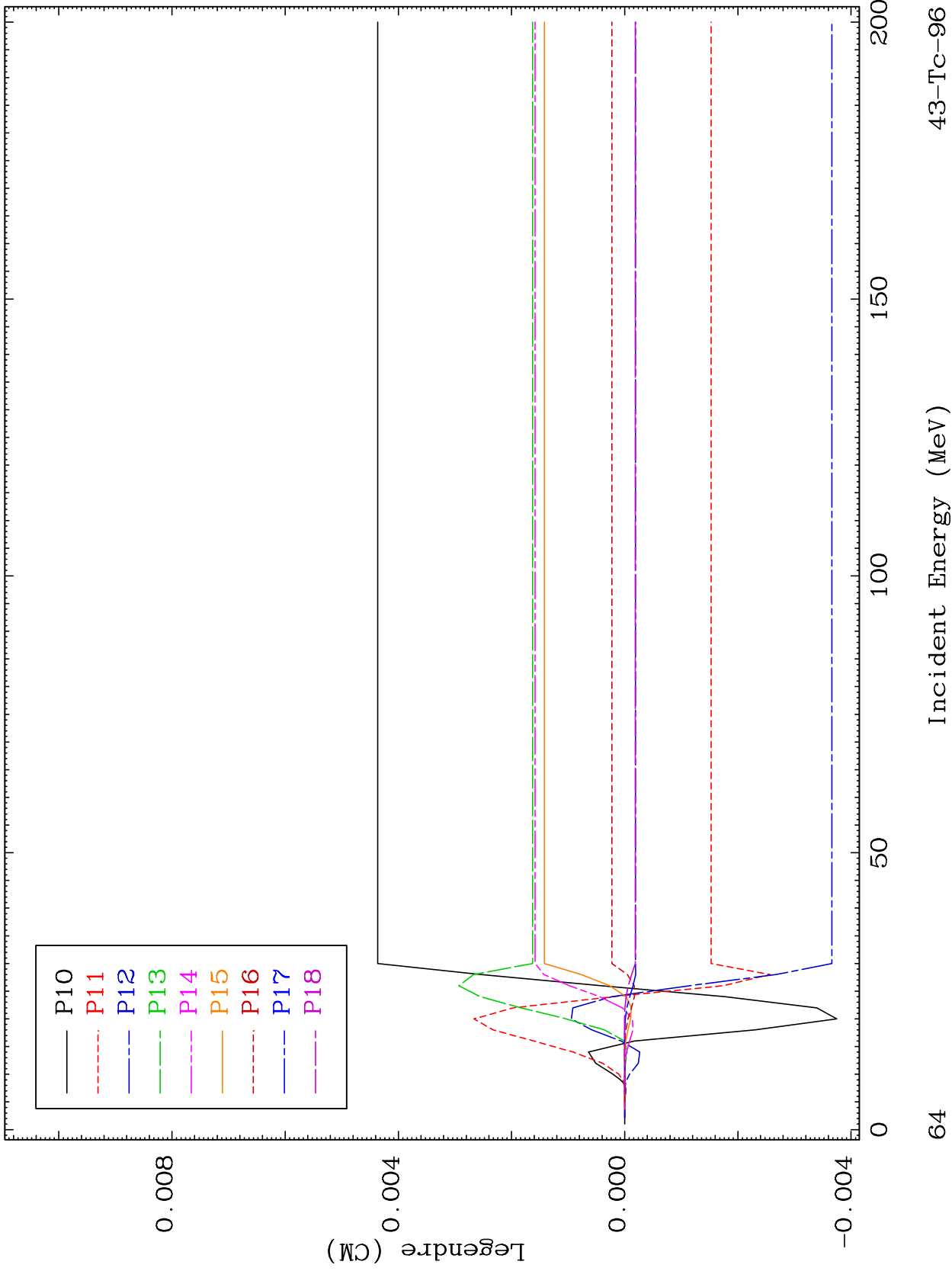
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 63 (n,n') Level
Legendre Coefficients

43-Tc-96



64

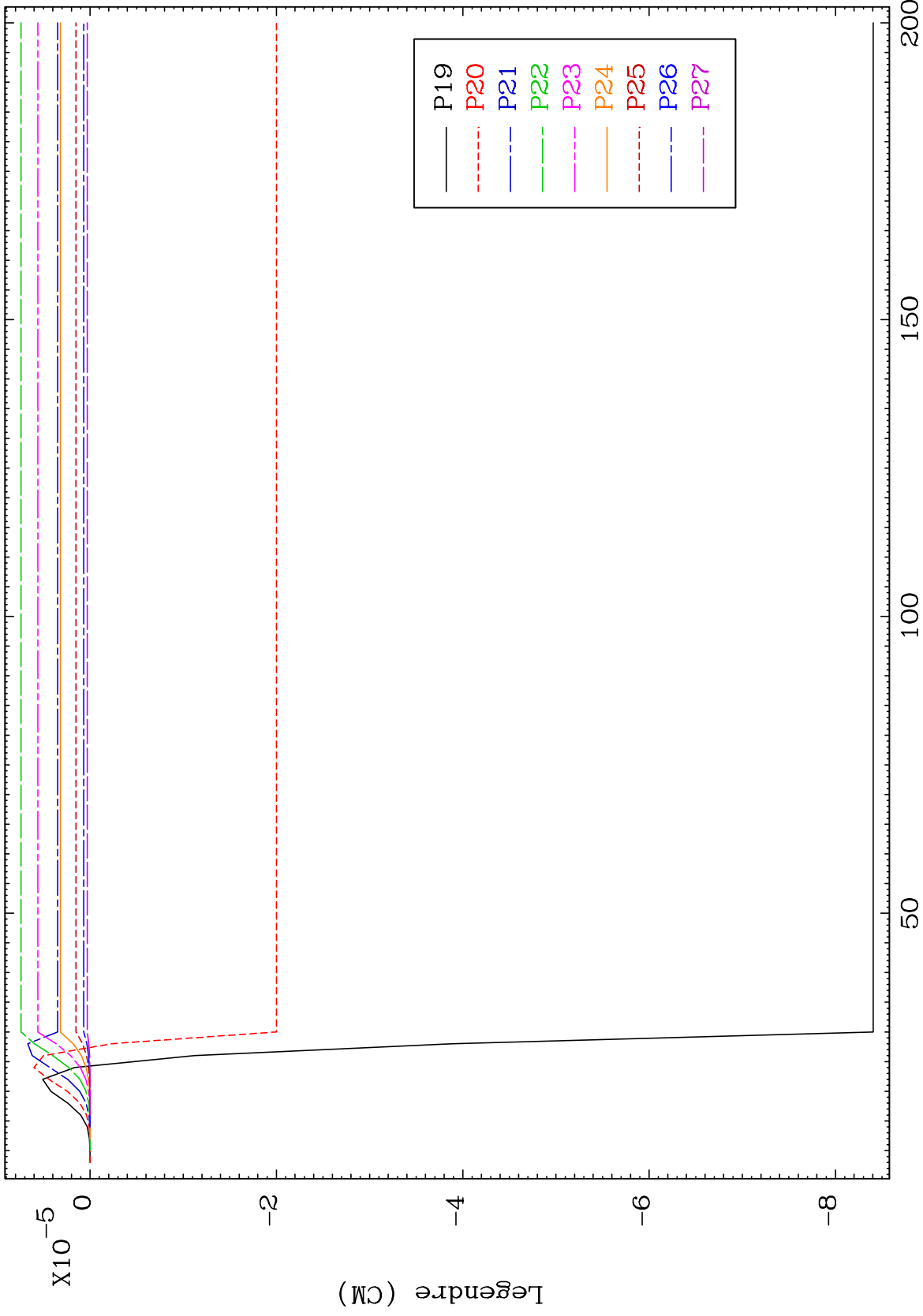
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 63 (n,n') Level
Legendre Coefficients

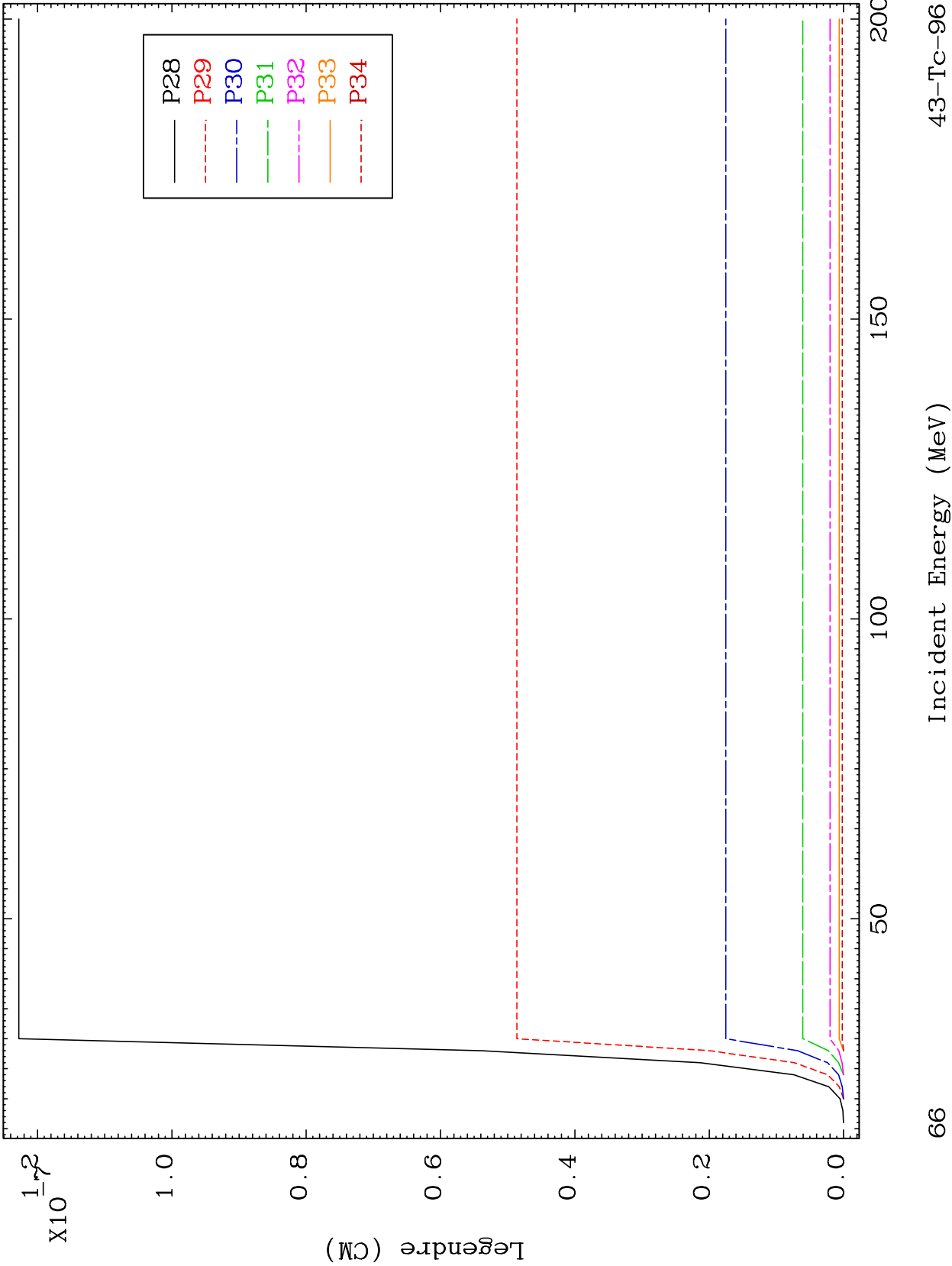
43-Tc-96



65

Incident Energy (MeV)

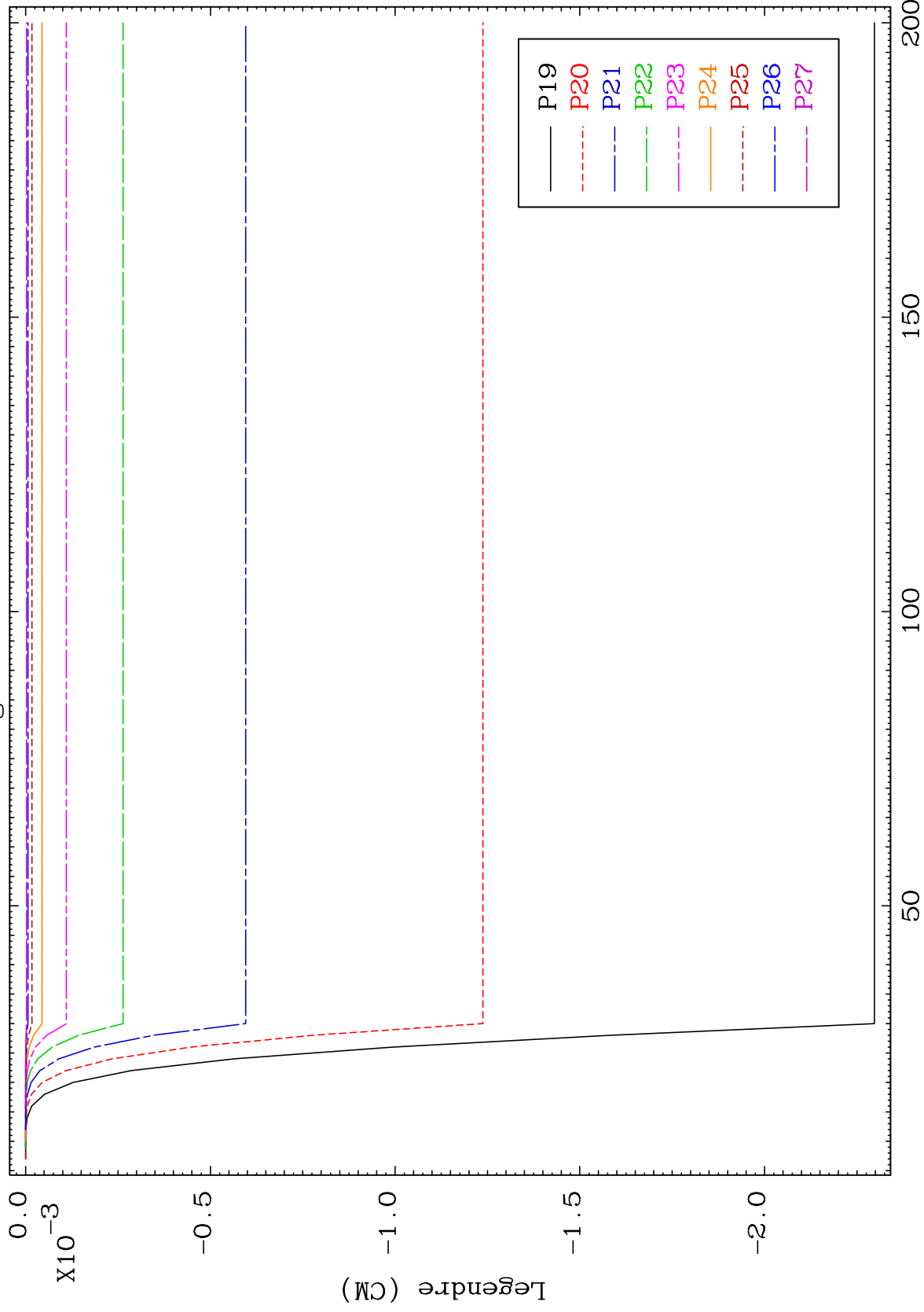
43-Tc-96



MAT 4316

MT= 64 (n,n') Level
Legendre Coefficients

43-Tc-96



69

Incident Energy (MeV)

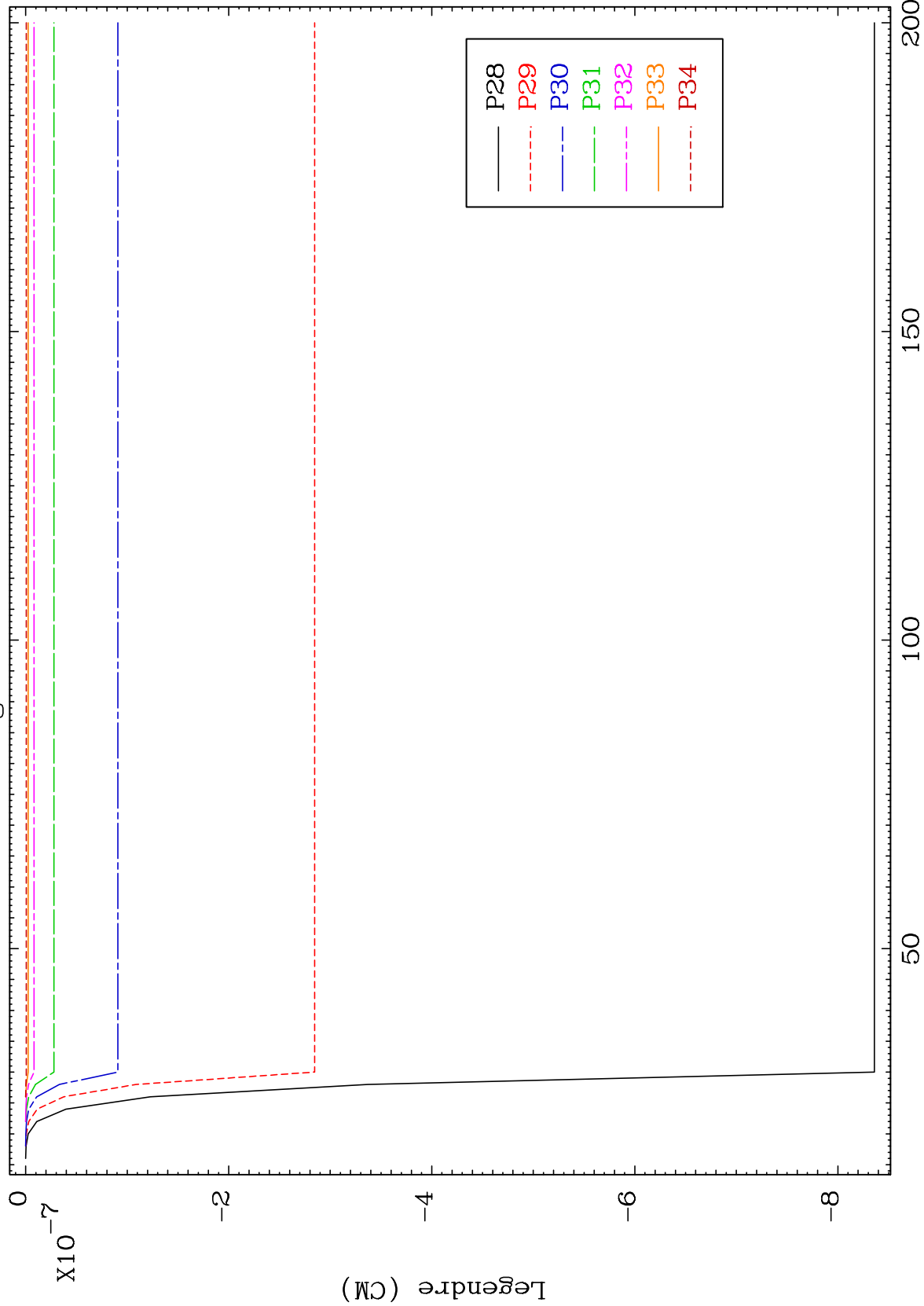
43-Tc-96

MAT 4316

MT= 64 (n,n') Level

43-Tc-96

Legendre Coefficients



70

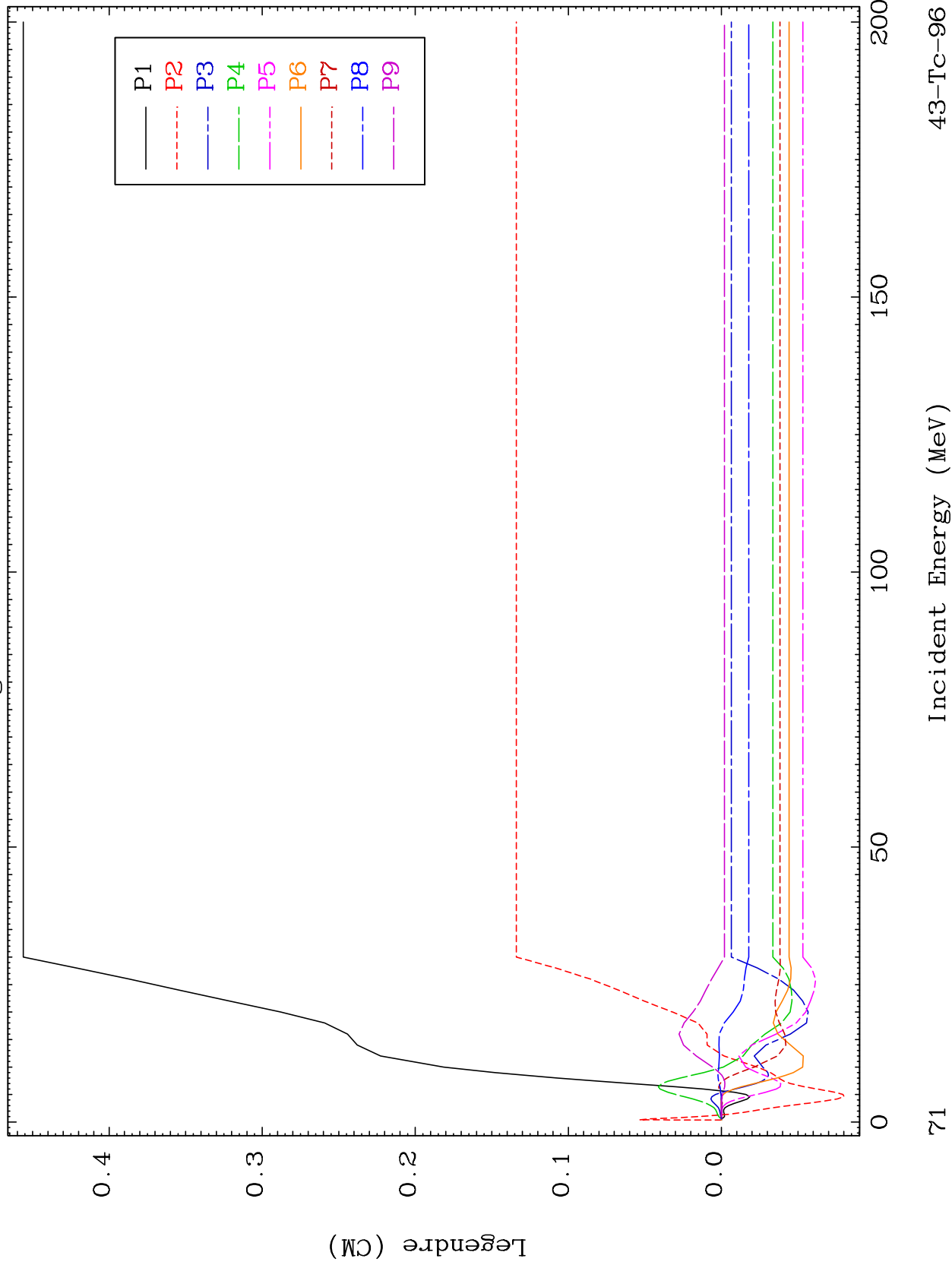
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 65 (n,n') Level
Legendre Coefficients

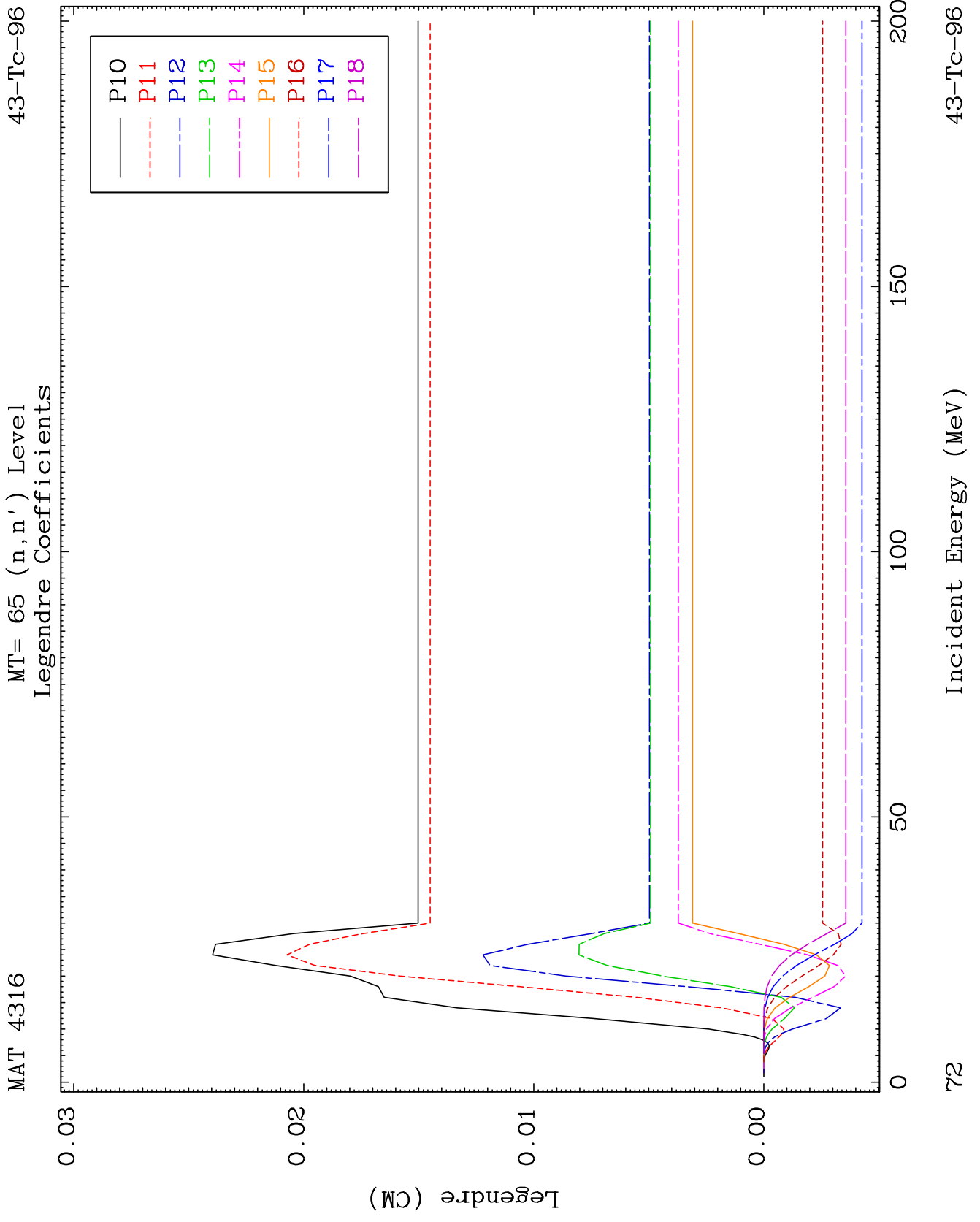
43-Tc-96

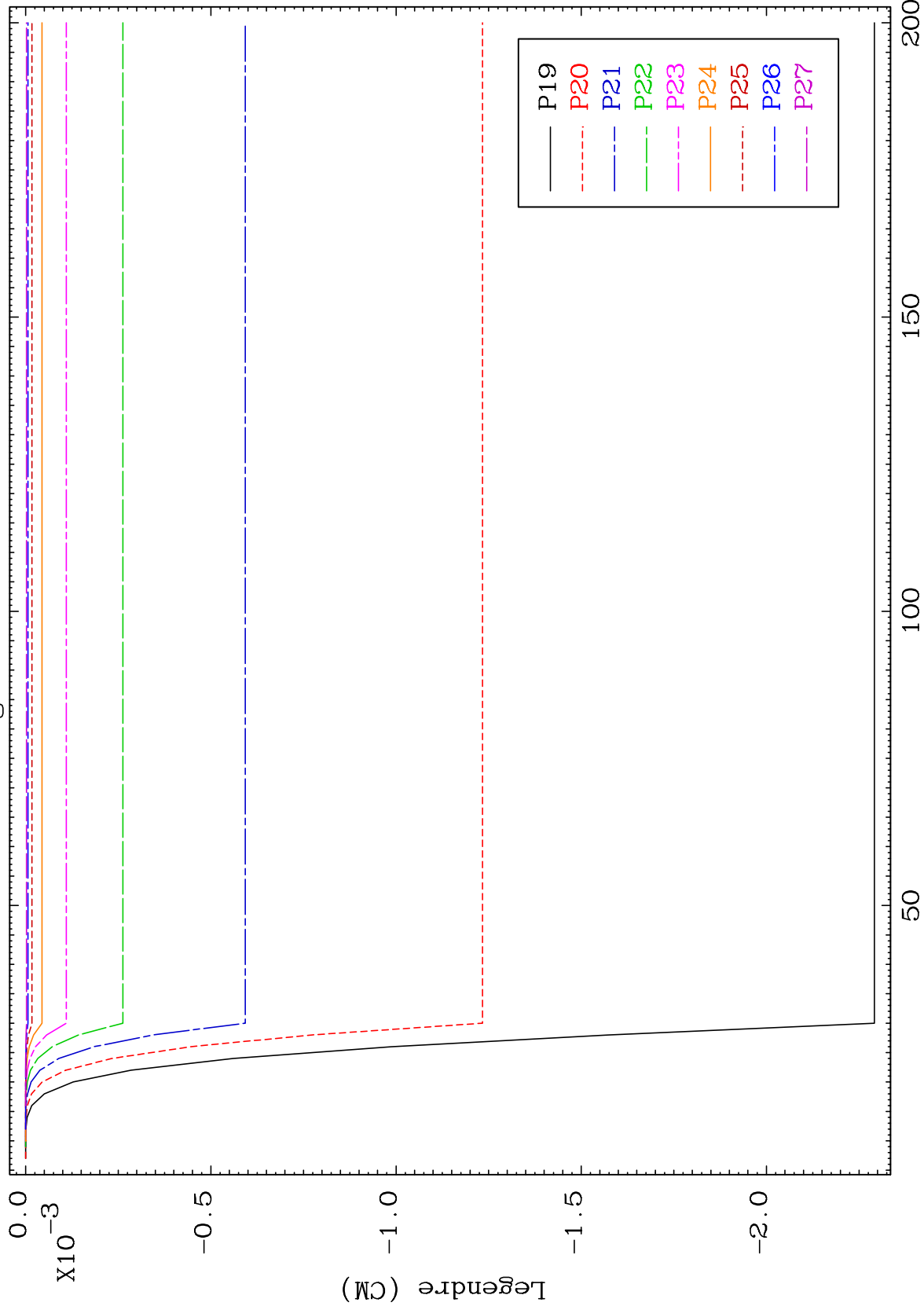


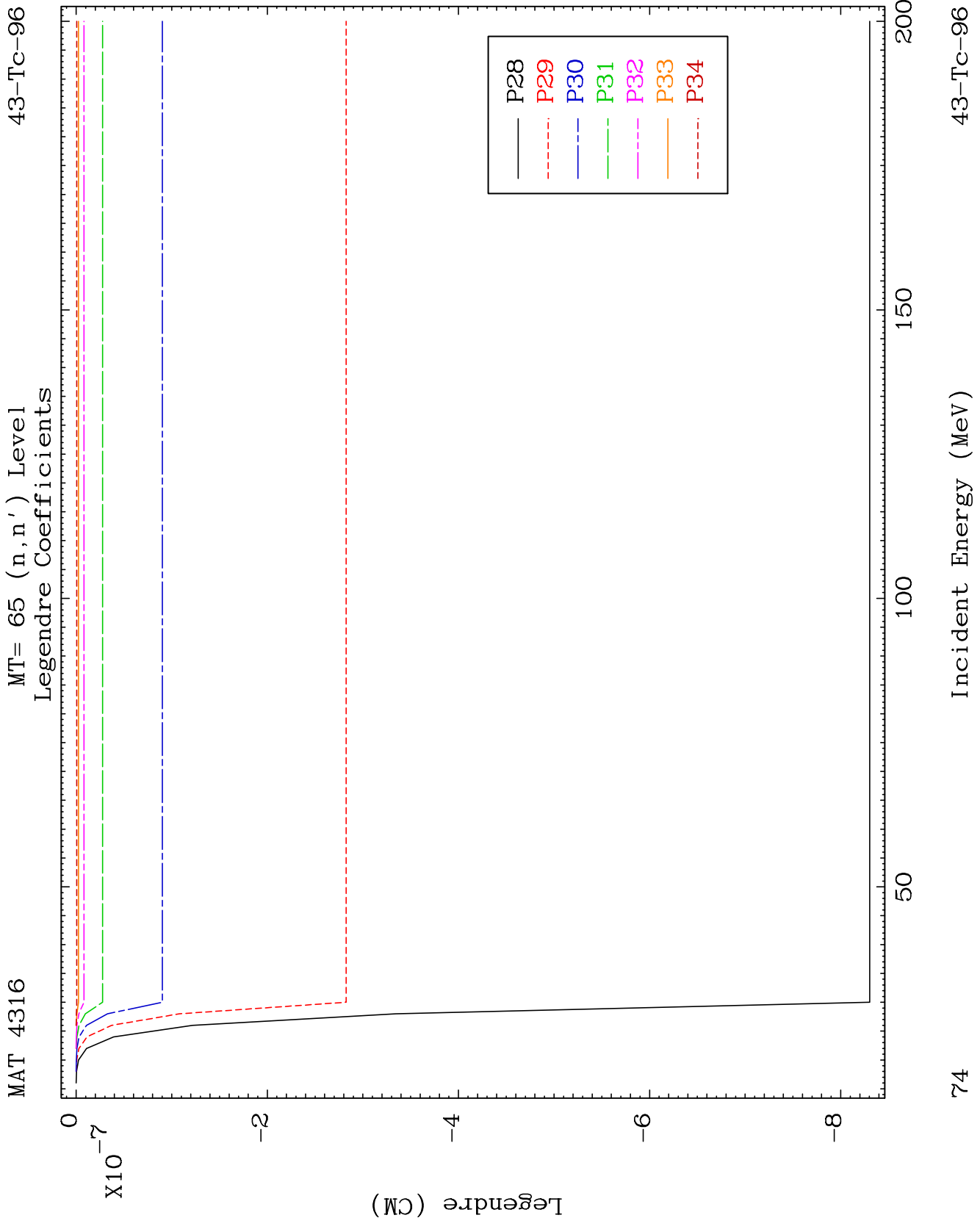
43-Tc-96

Incident Energy (MeV)

71



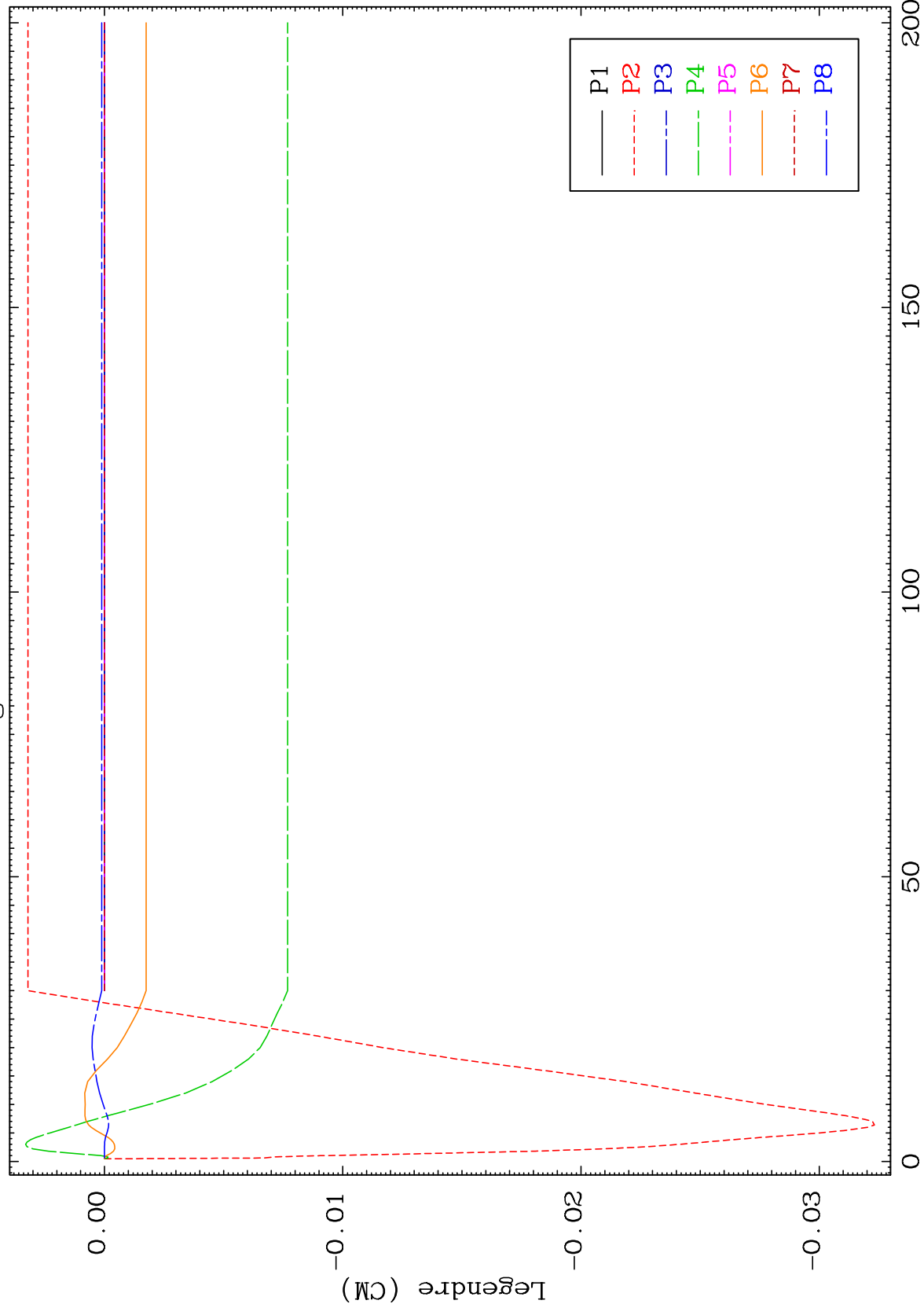




MAT 4316

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

43-Tc-96



75

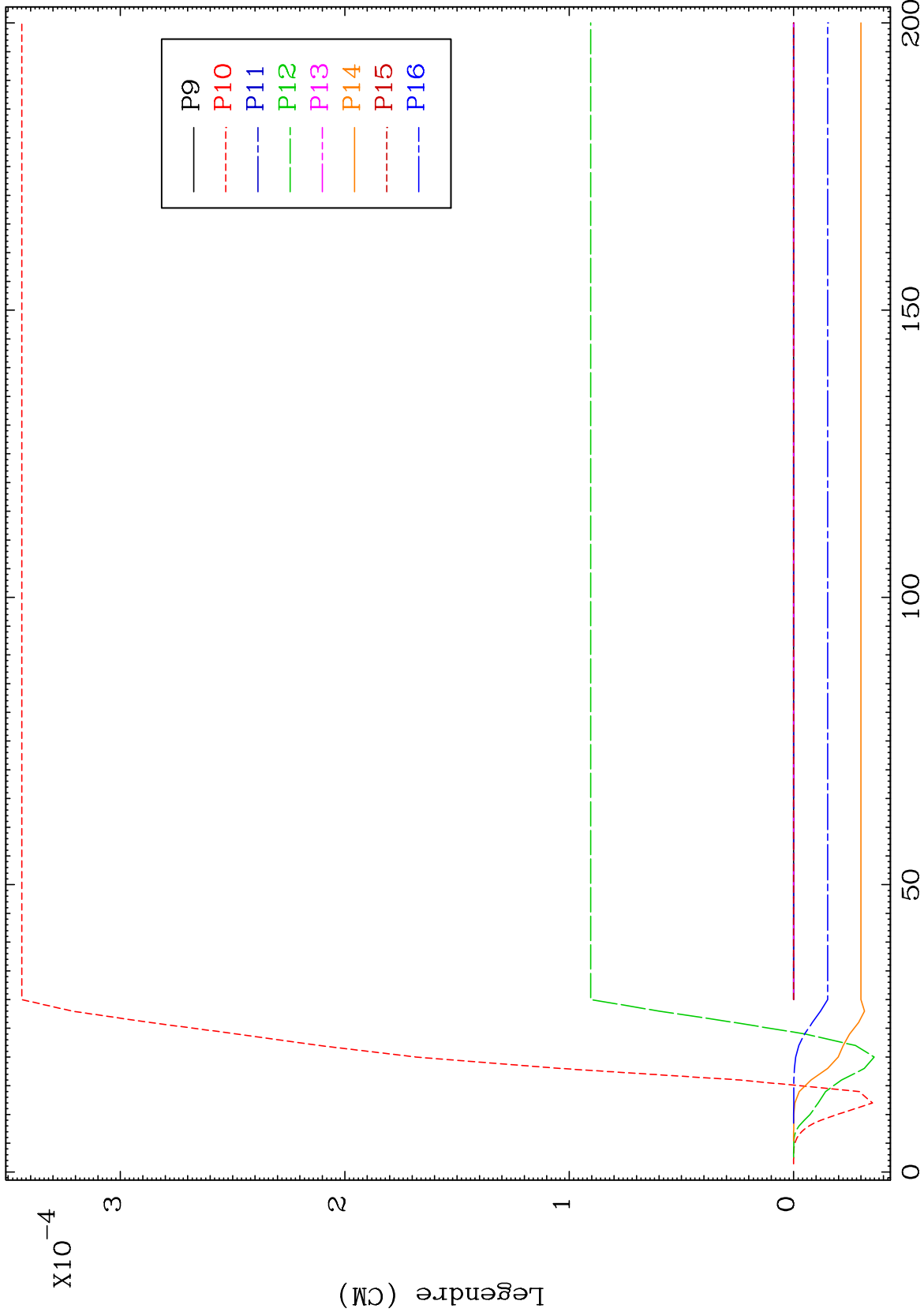
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

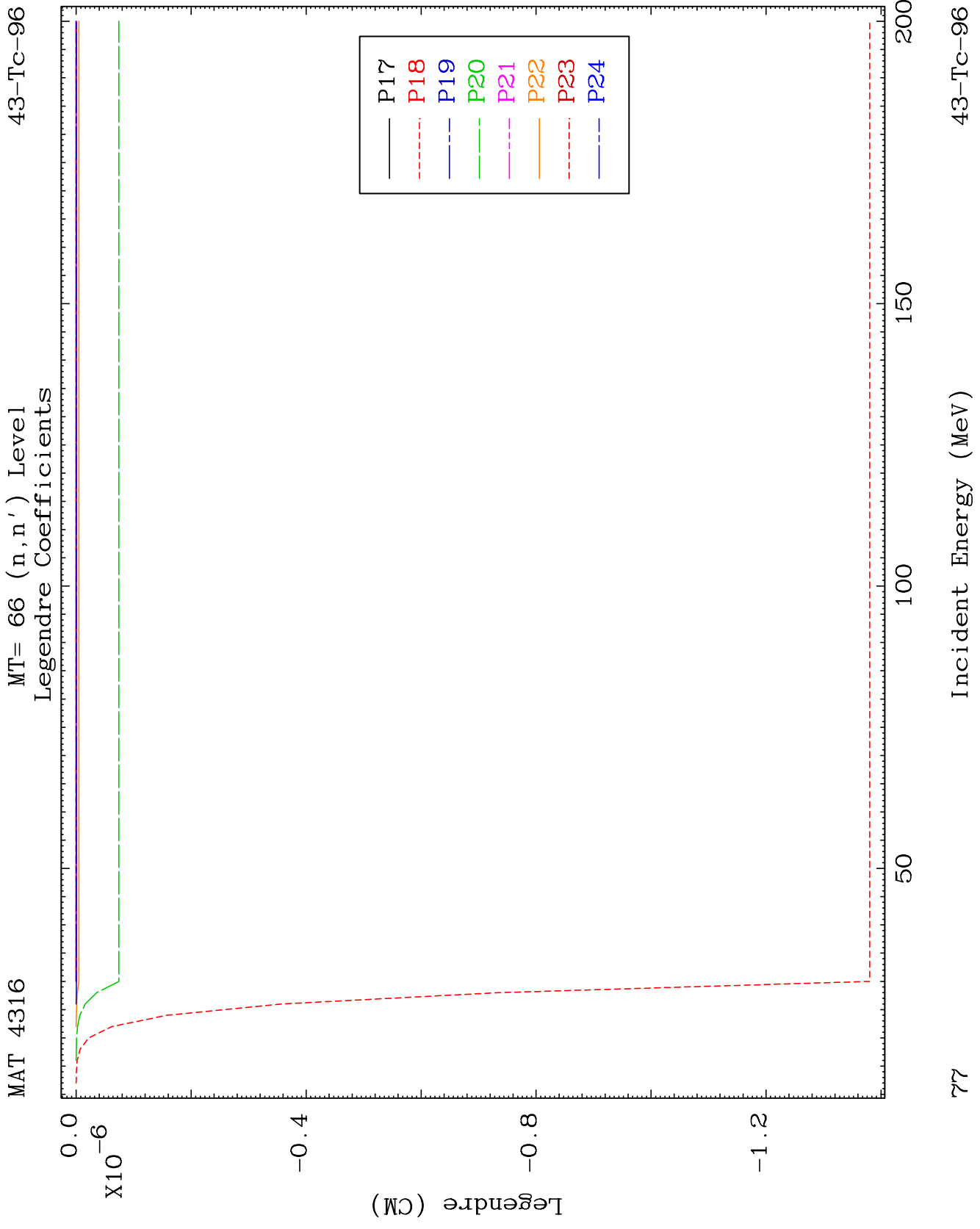
43-Tc-96



76

Incident Energy (MeV)

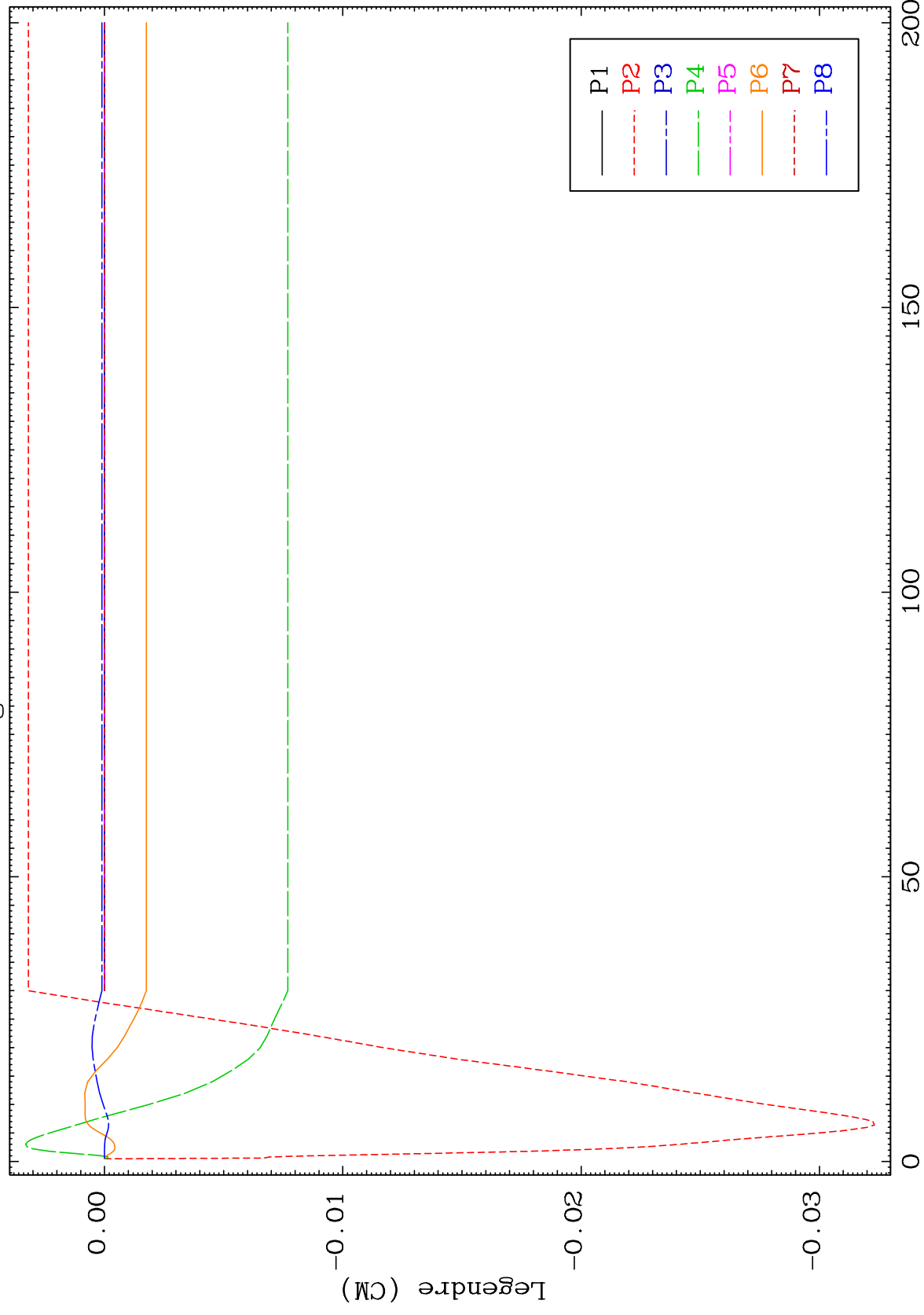
43-Tc-96



MAT 4316

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

43-Tc-96



78

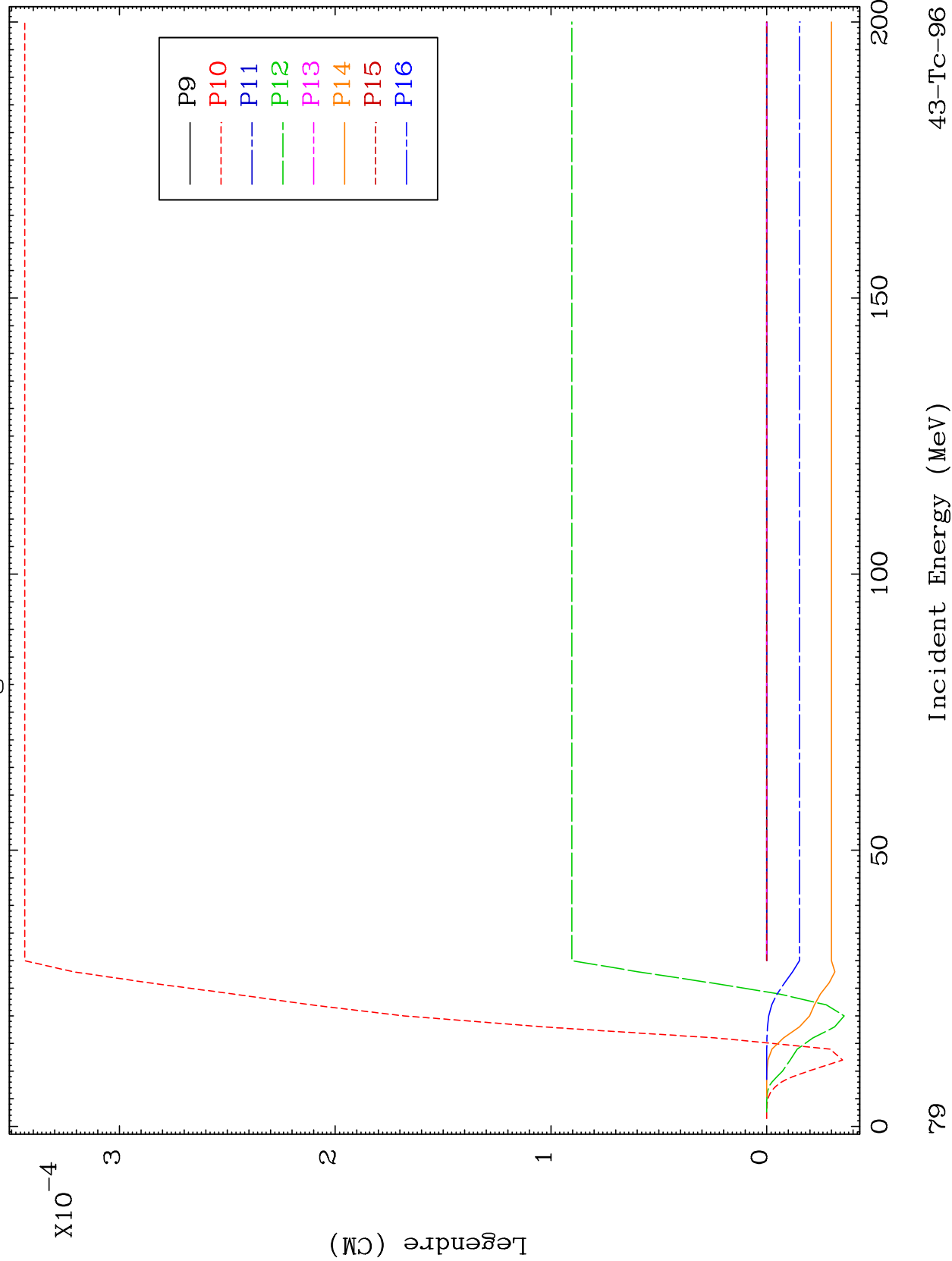
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

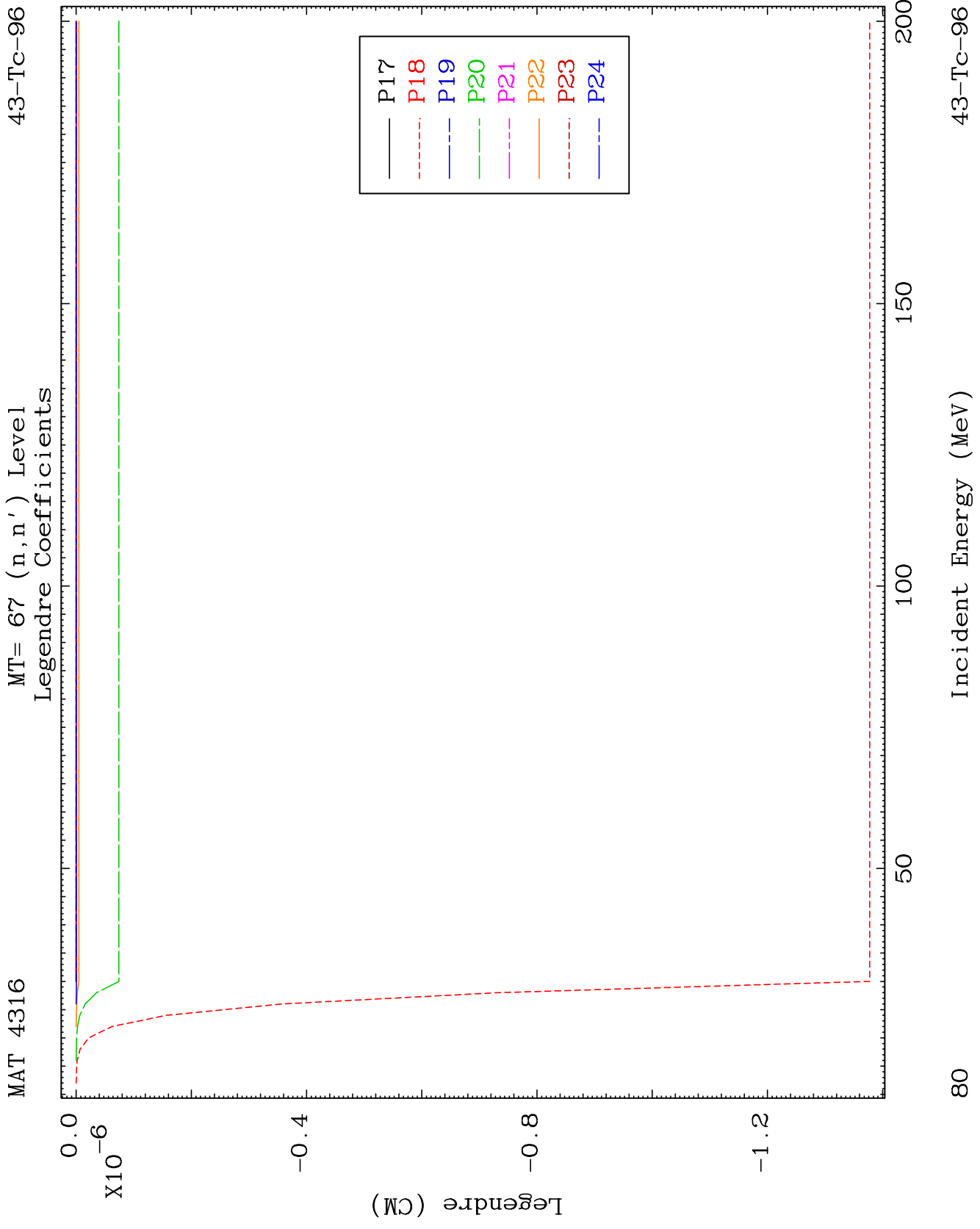
43-Tc-96



79

Incident Energy (MeV)

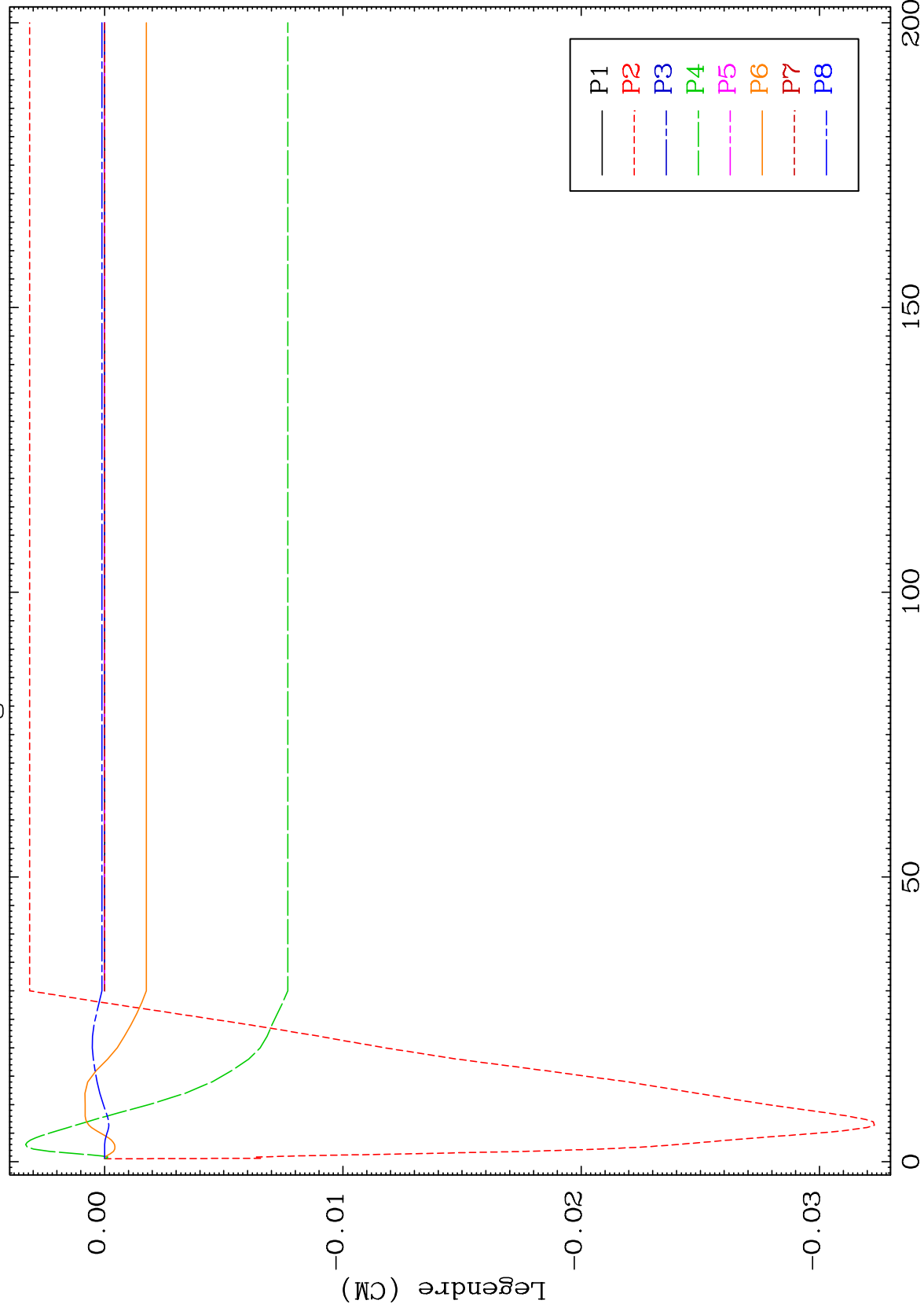
43-Tc-96



MAT 4316

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

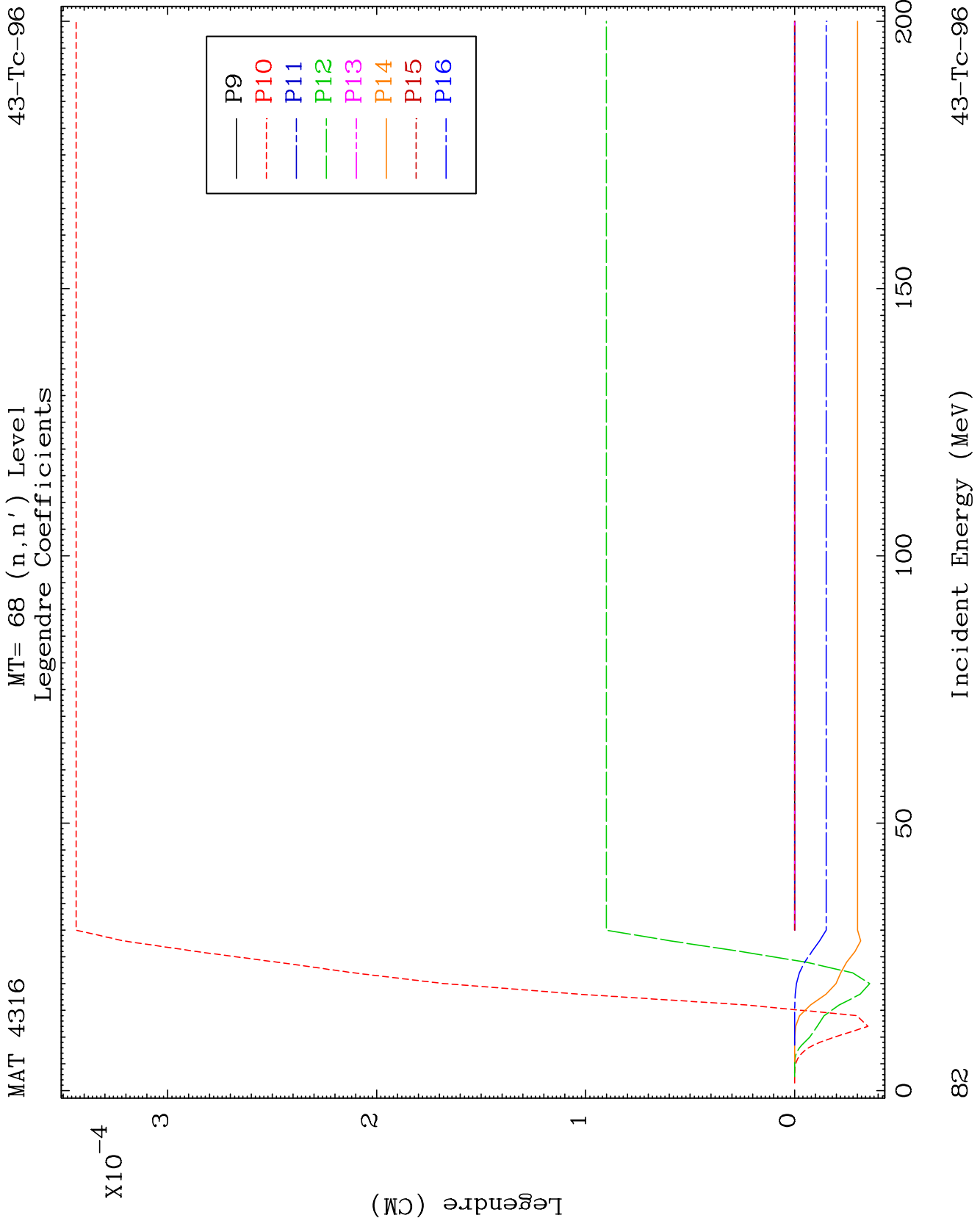
43-Tc-96

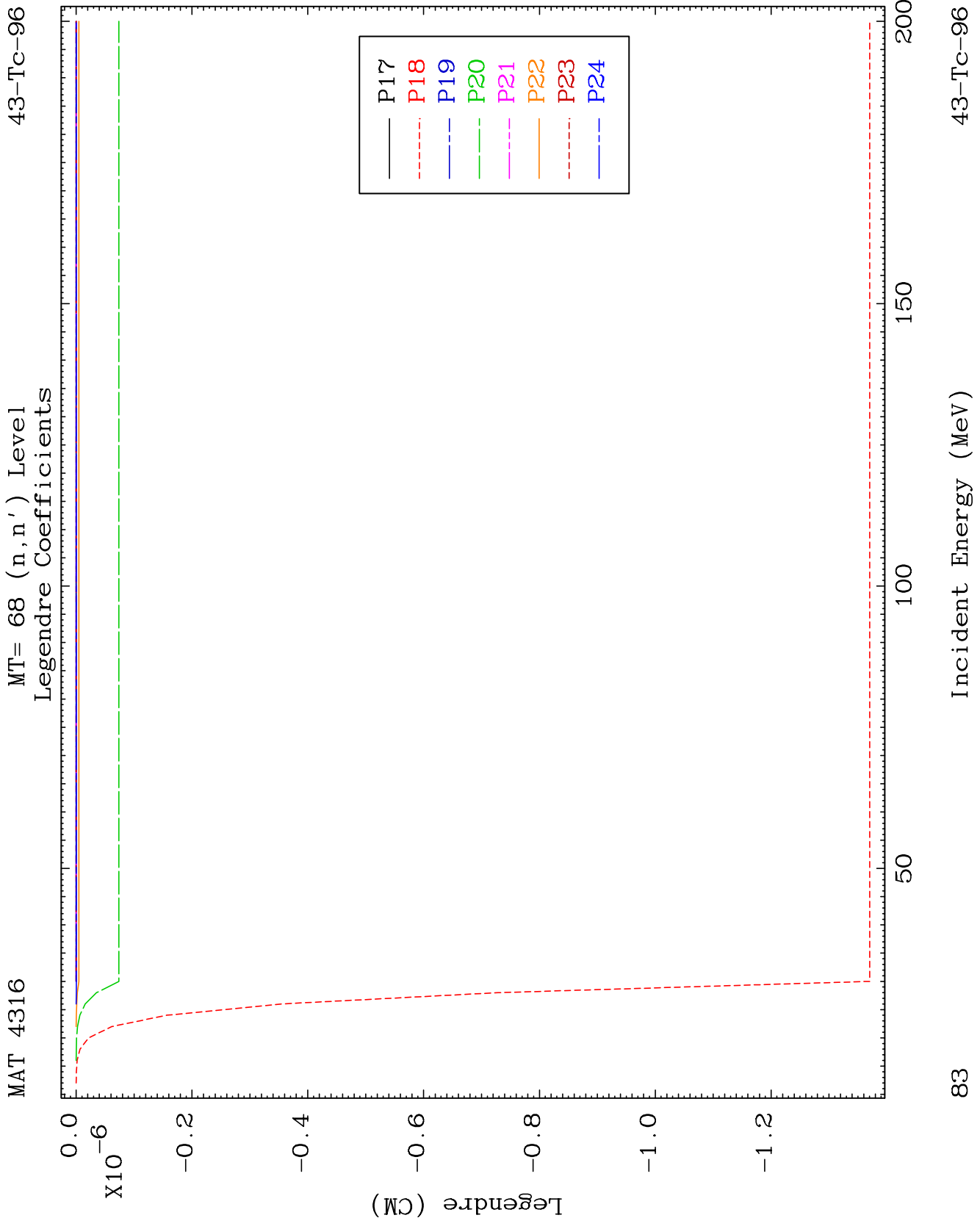


81

Incident Energy (MeV)

43-Tc-96

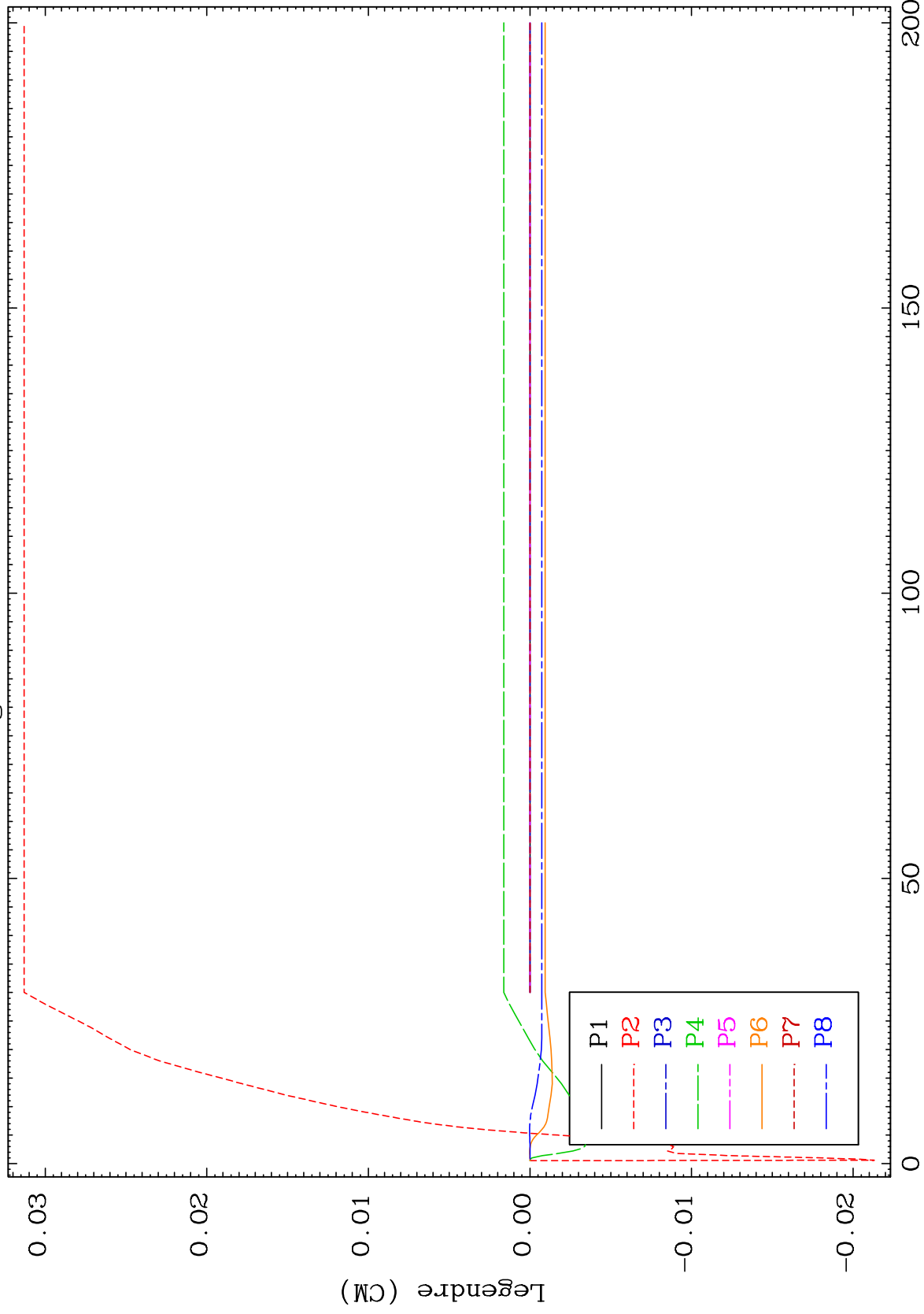




MAT 4316

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

43-Tc-96



84

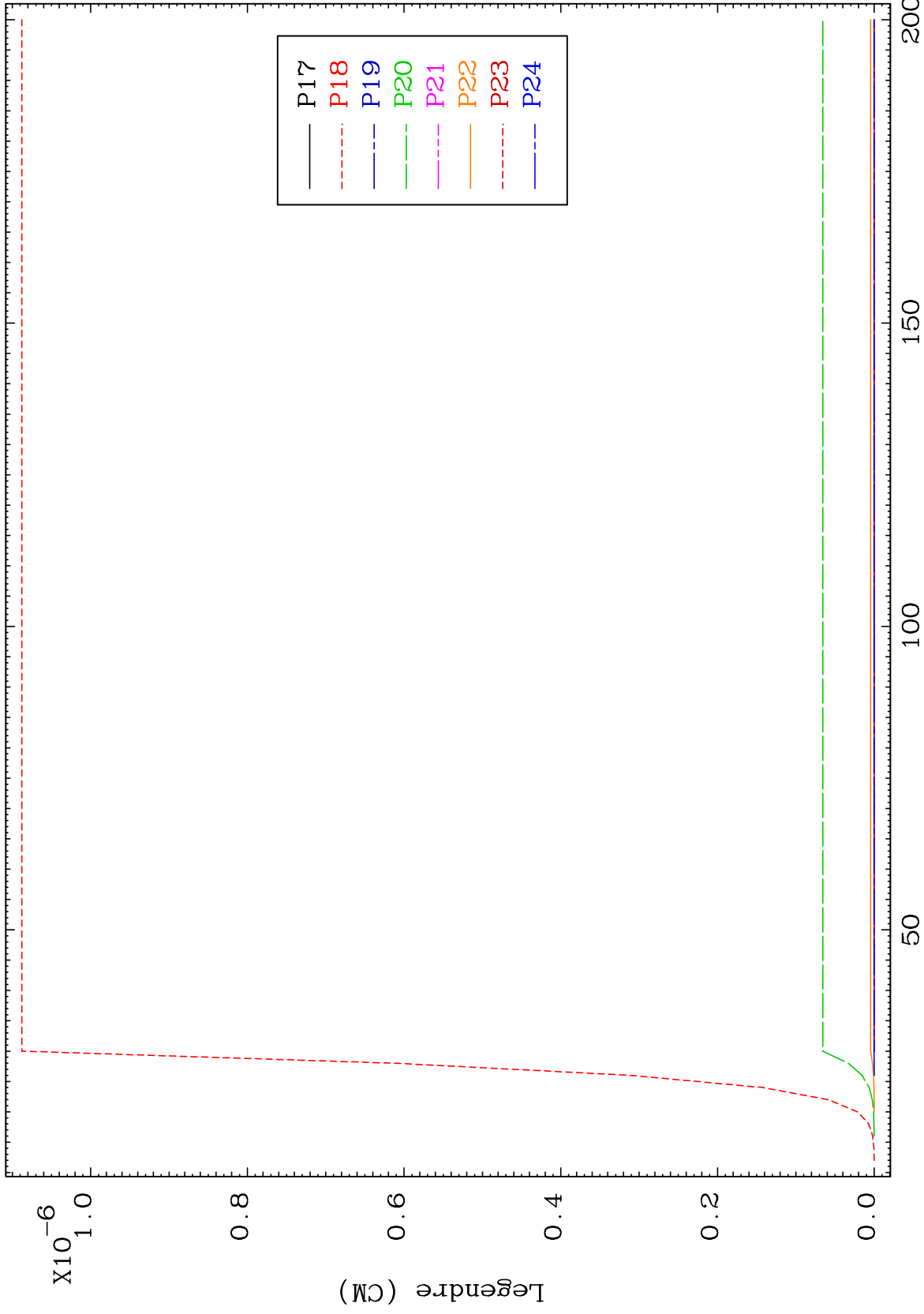
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



86

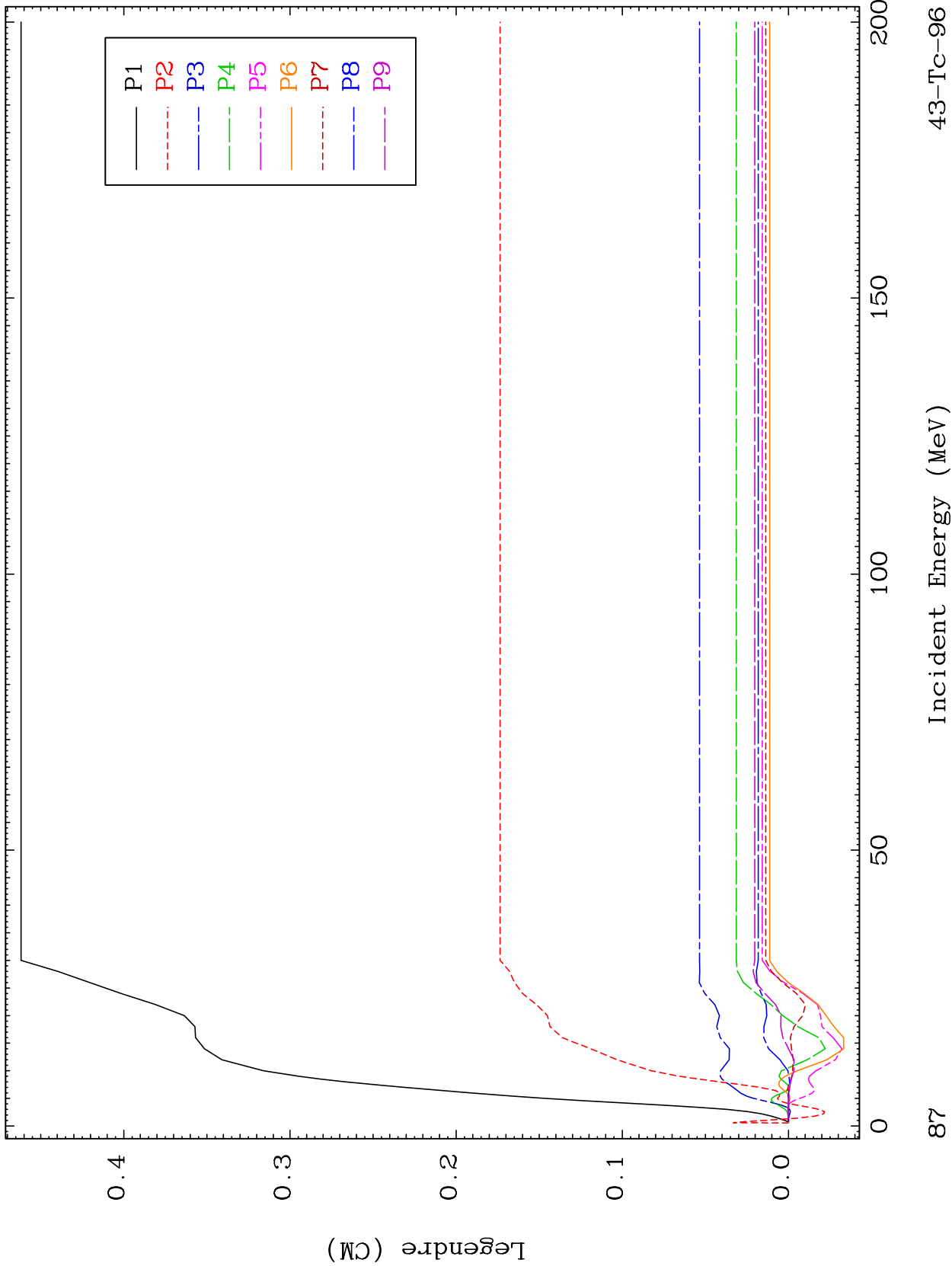
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 70 (n,n') Level
Legendre Coefficients

43-Tc-96



87

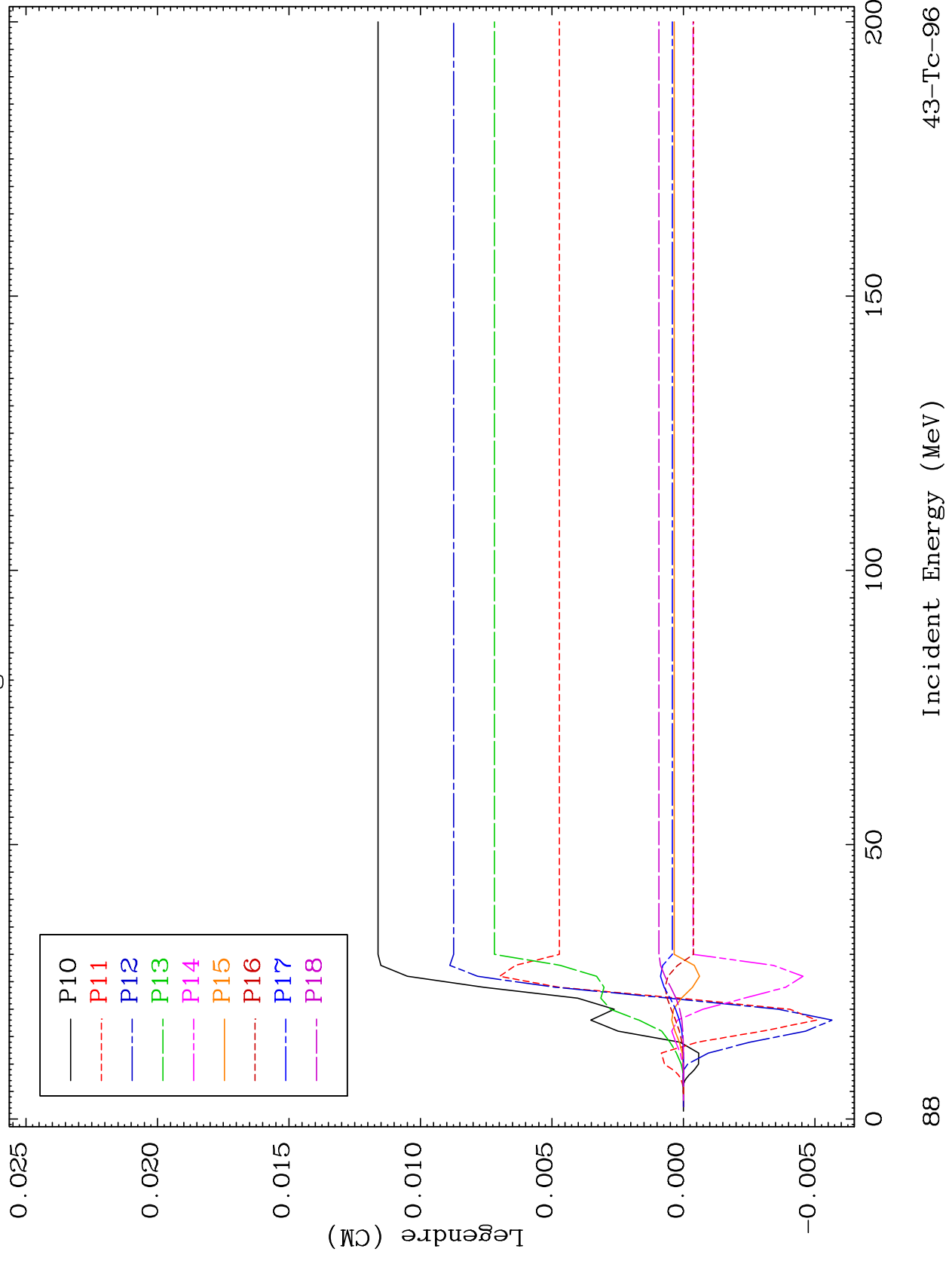
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 70 (n,n') Level
Legendre Coefficients

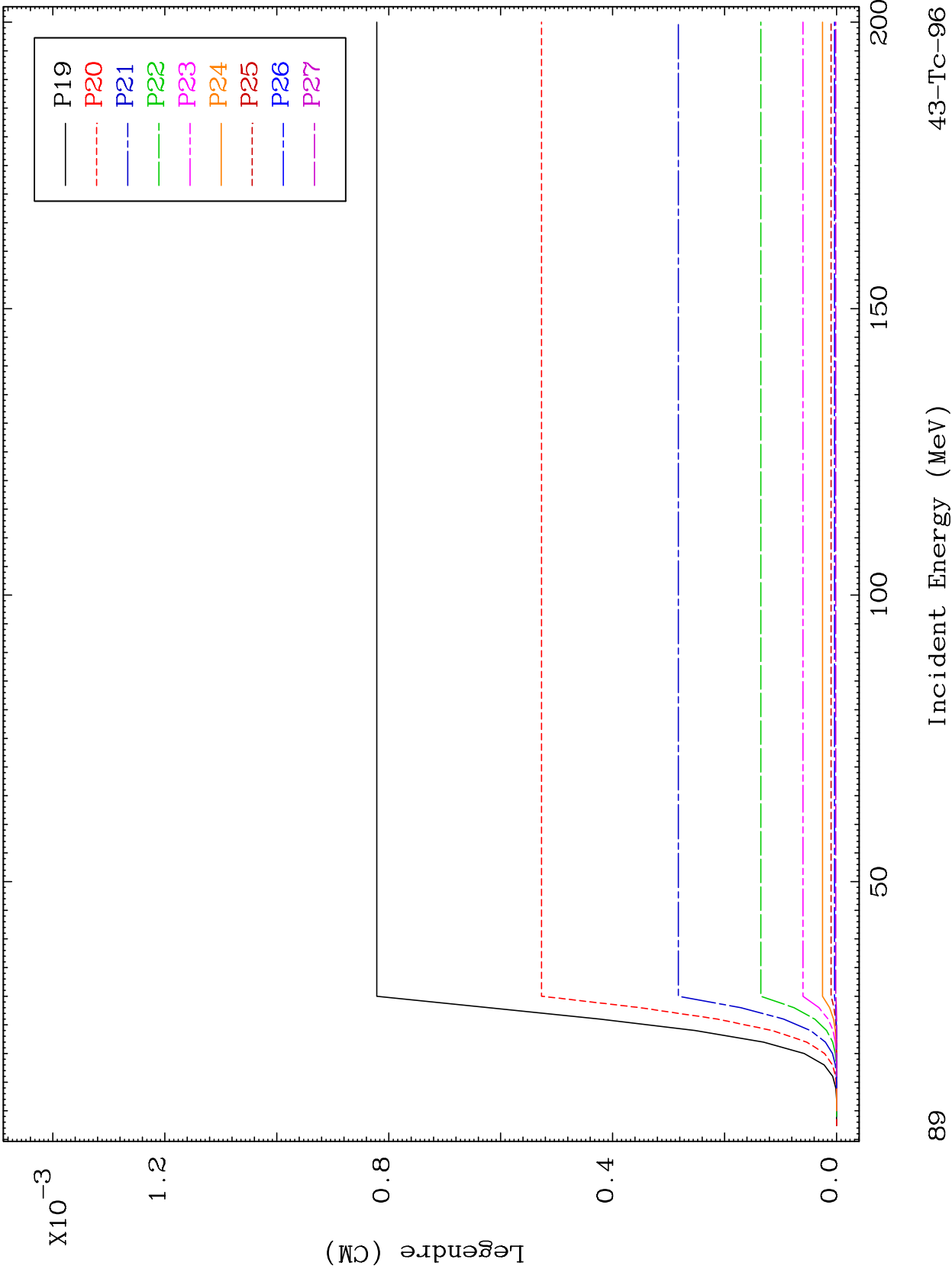
43-Tc-96



MAT 4316

MT= 70 (n,n') Level
Legendre Coefficients

43-Tc-96



89

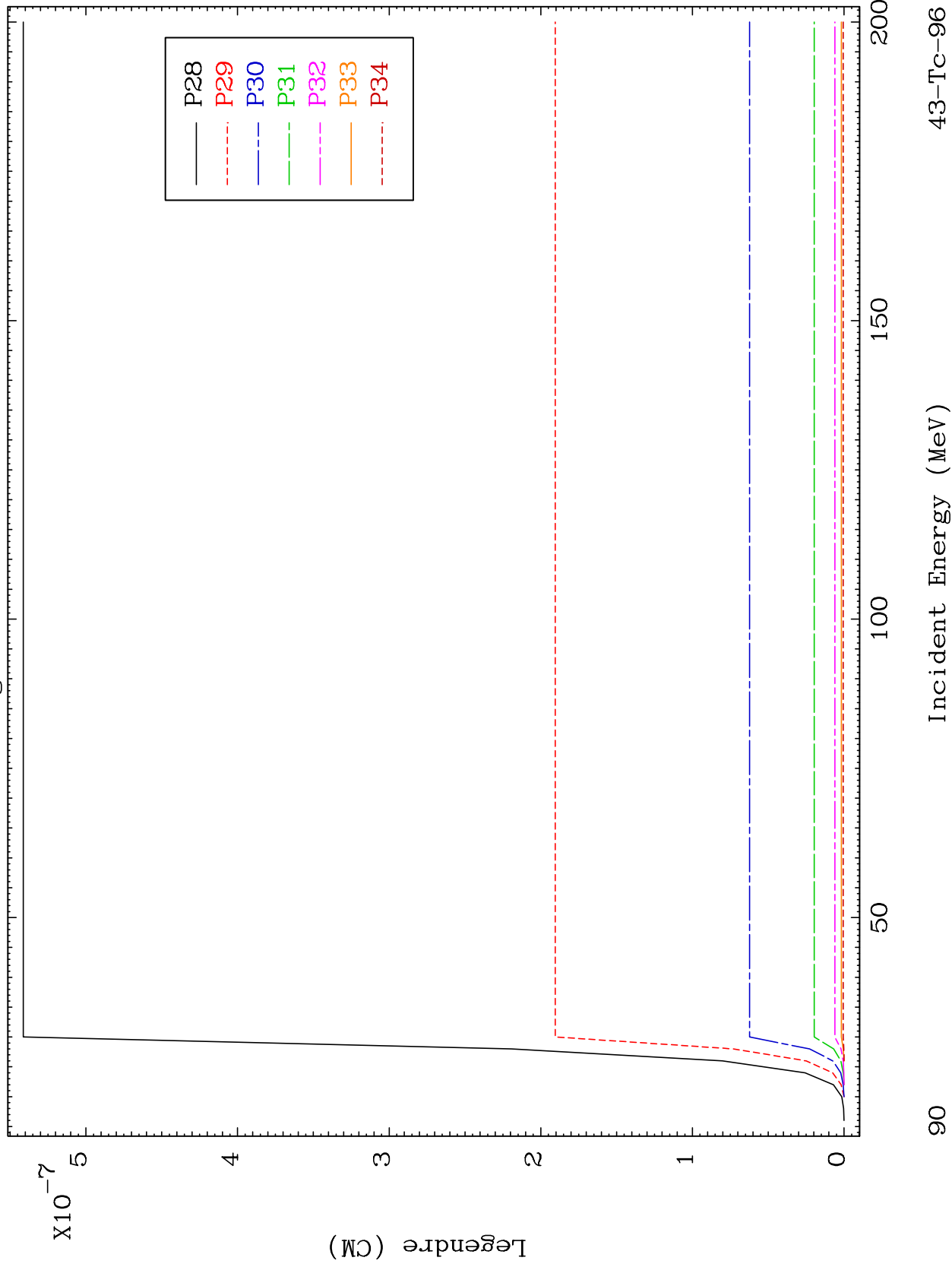
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 70 (n,n') Level
Legendre Coefficients

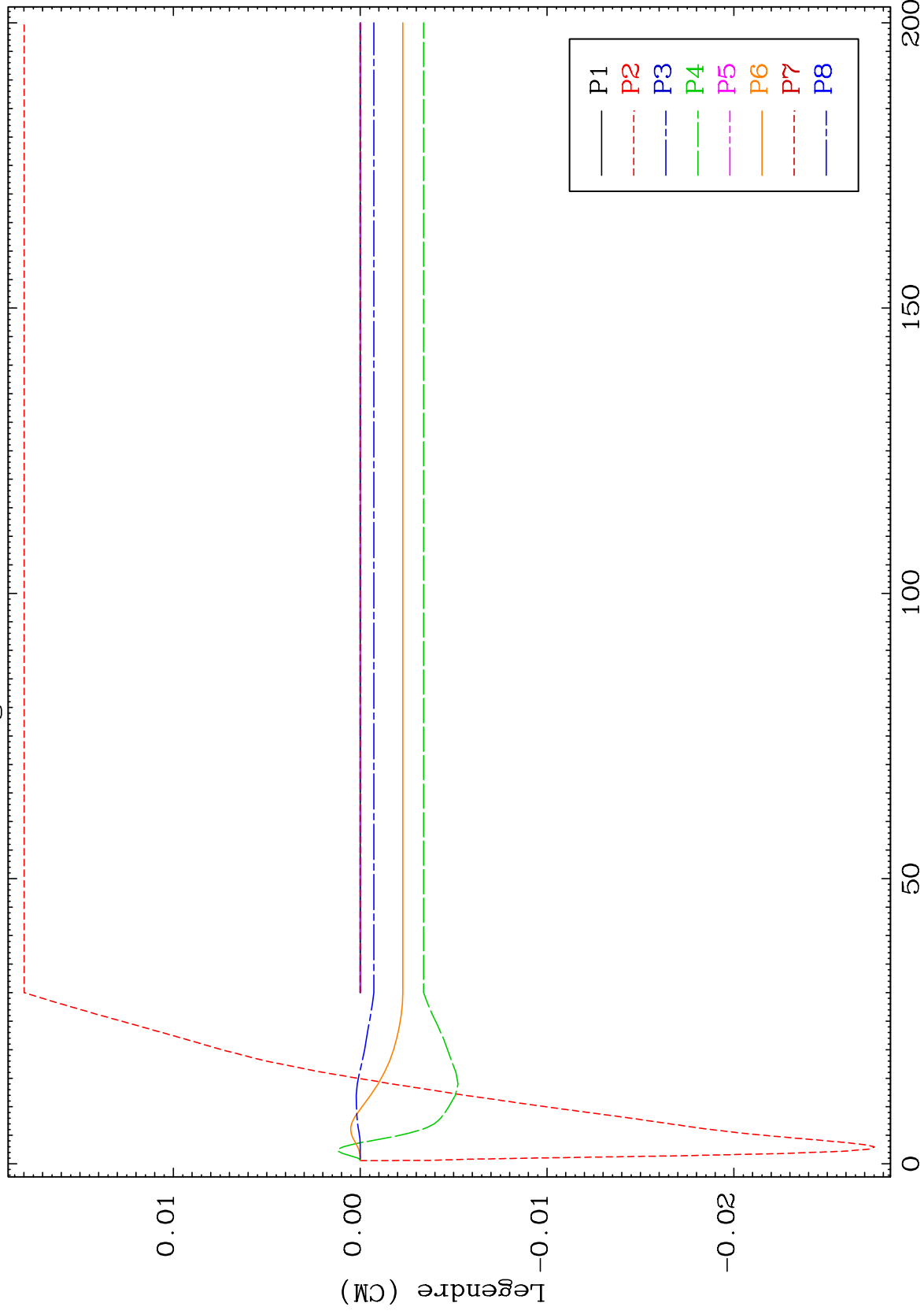
43-Tc-96



MAT 4316

MT= 71 (n,n') Level
Legendre Coefficients

43-Tc-96



91

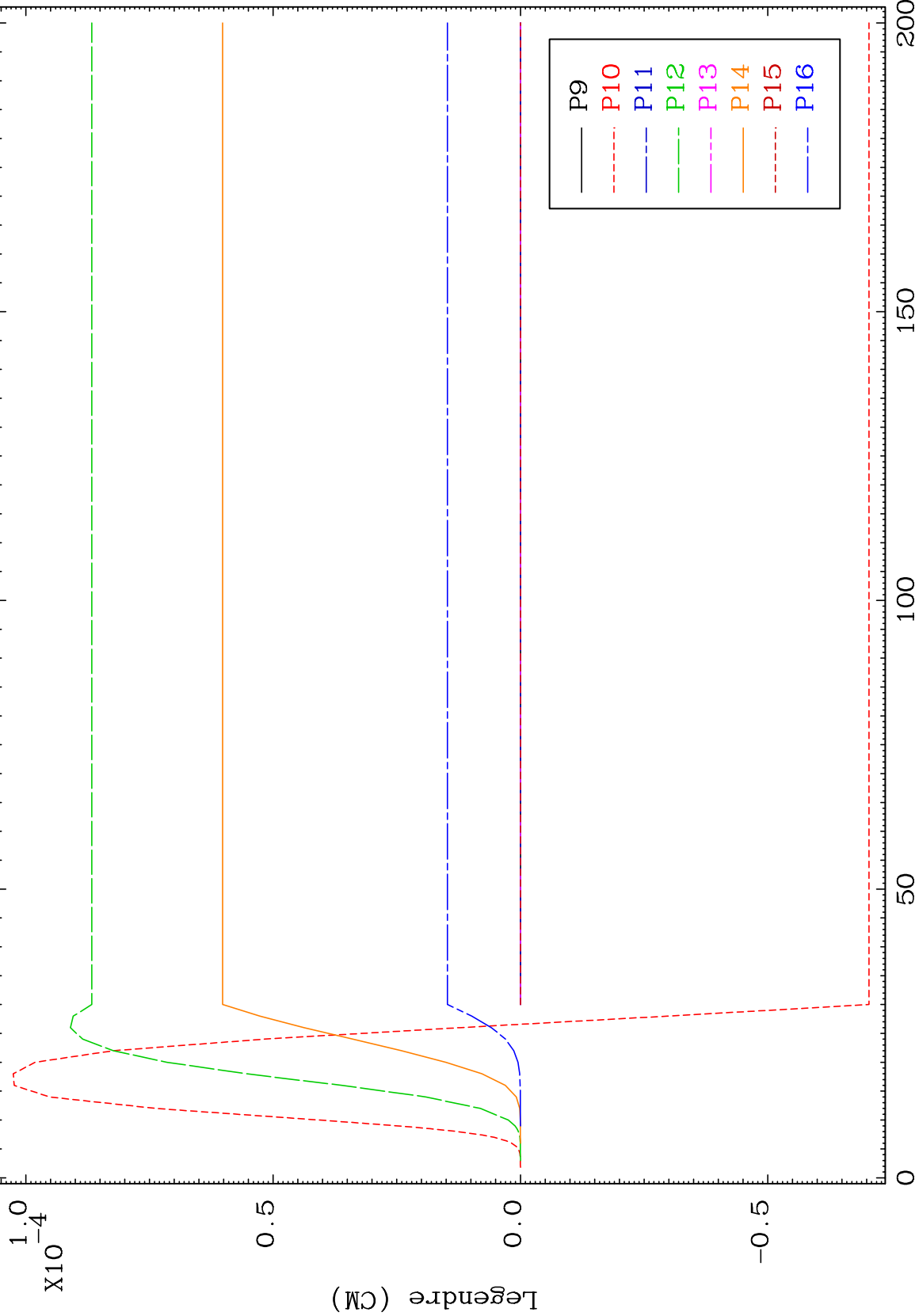
Incident Energy (MeV)

43-Tc-96

MAT 4316

MT= 71 (n,n') Level
Legendre Coefficients

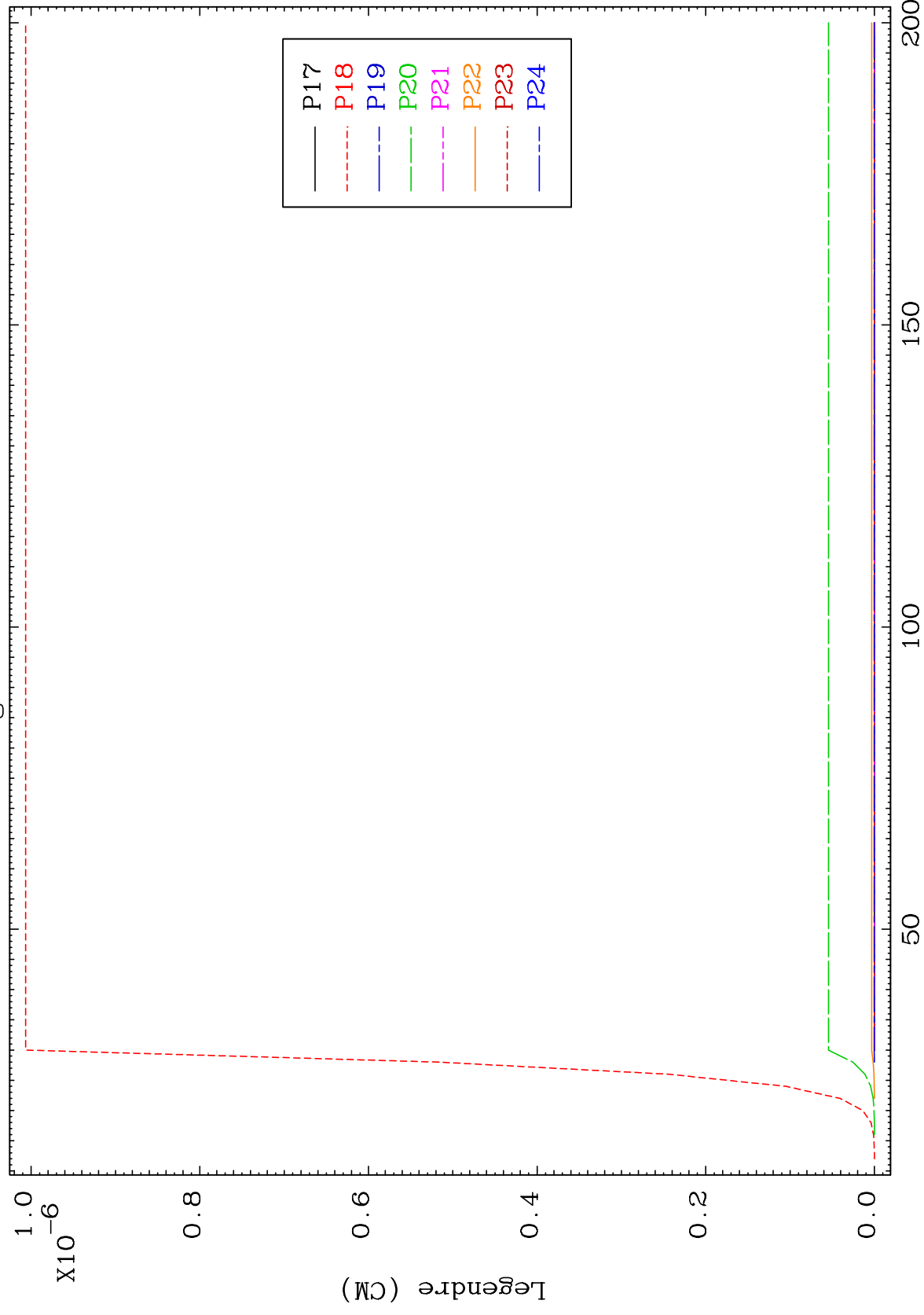
43-Tc-96



92

Incident Energy (MeV)

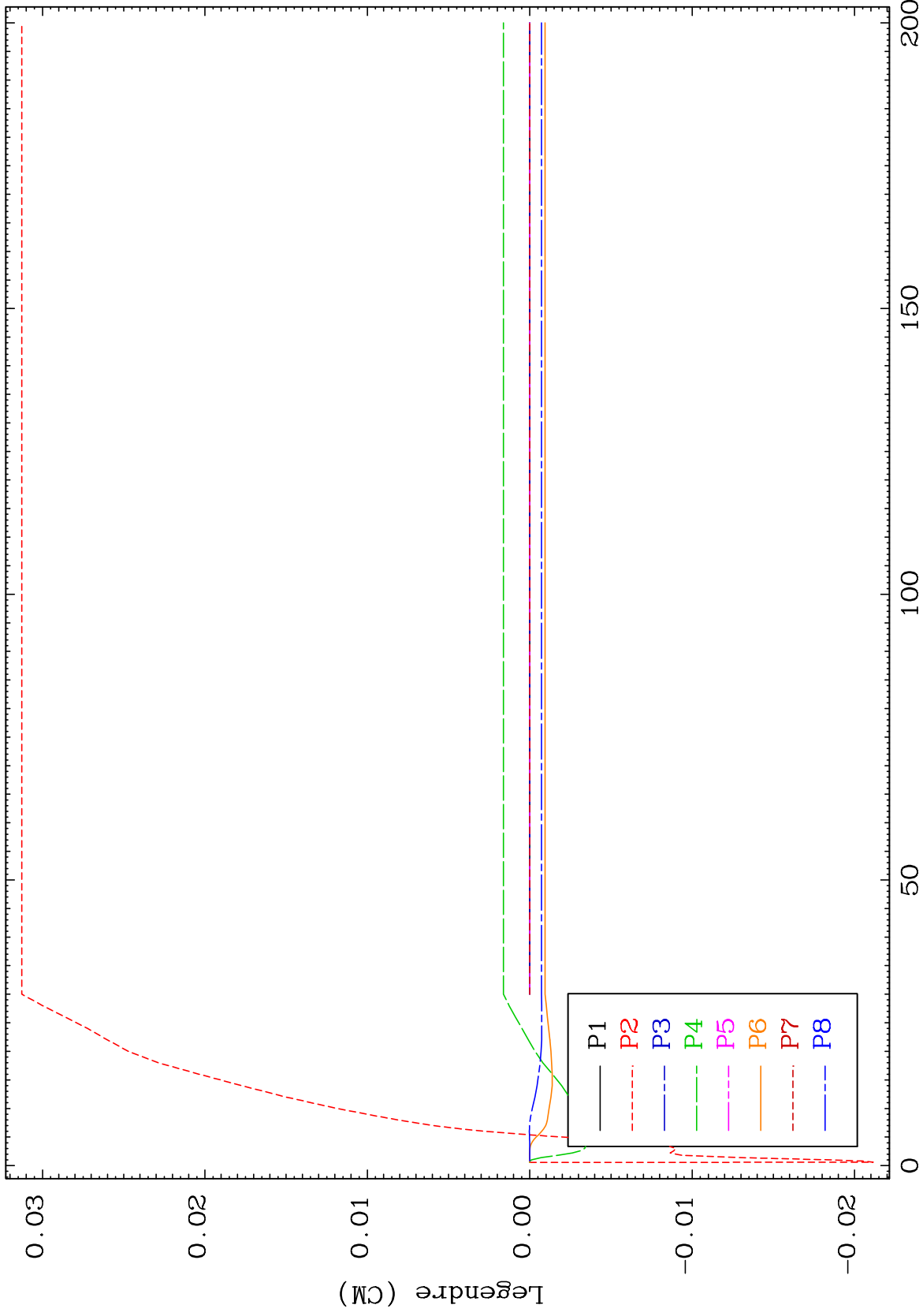
43-Tc-96



MAT 4316

MT= 72 (n,n') Level
Legendre Coefficients

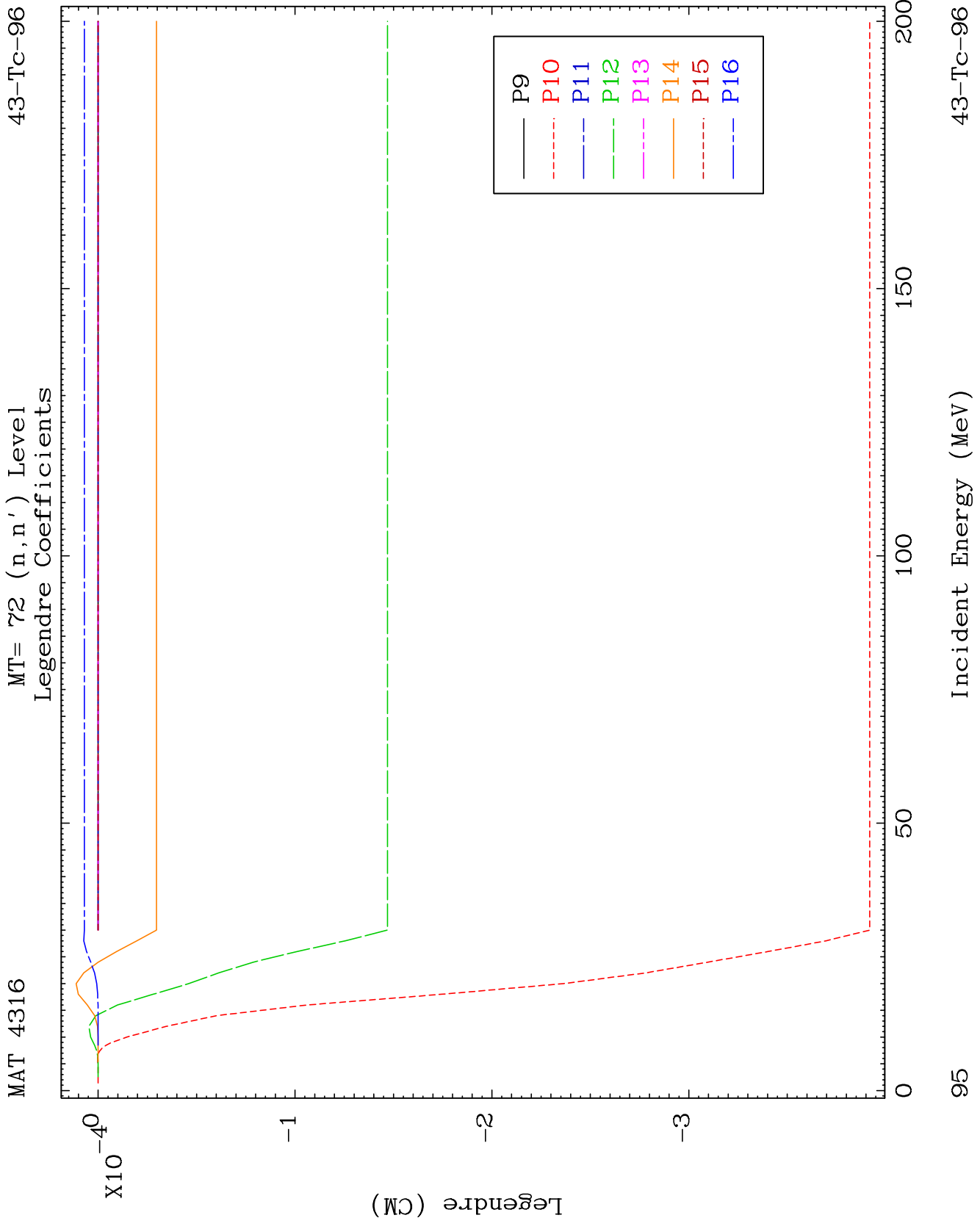
43-Tc-96



94

Incident Energy (MeV)

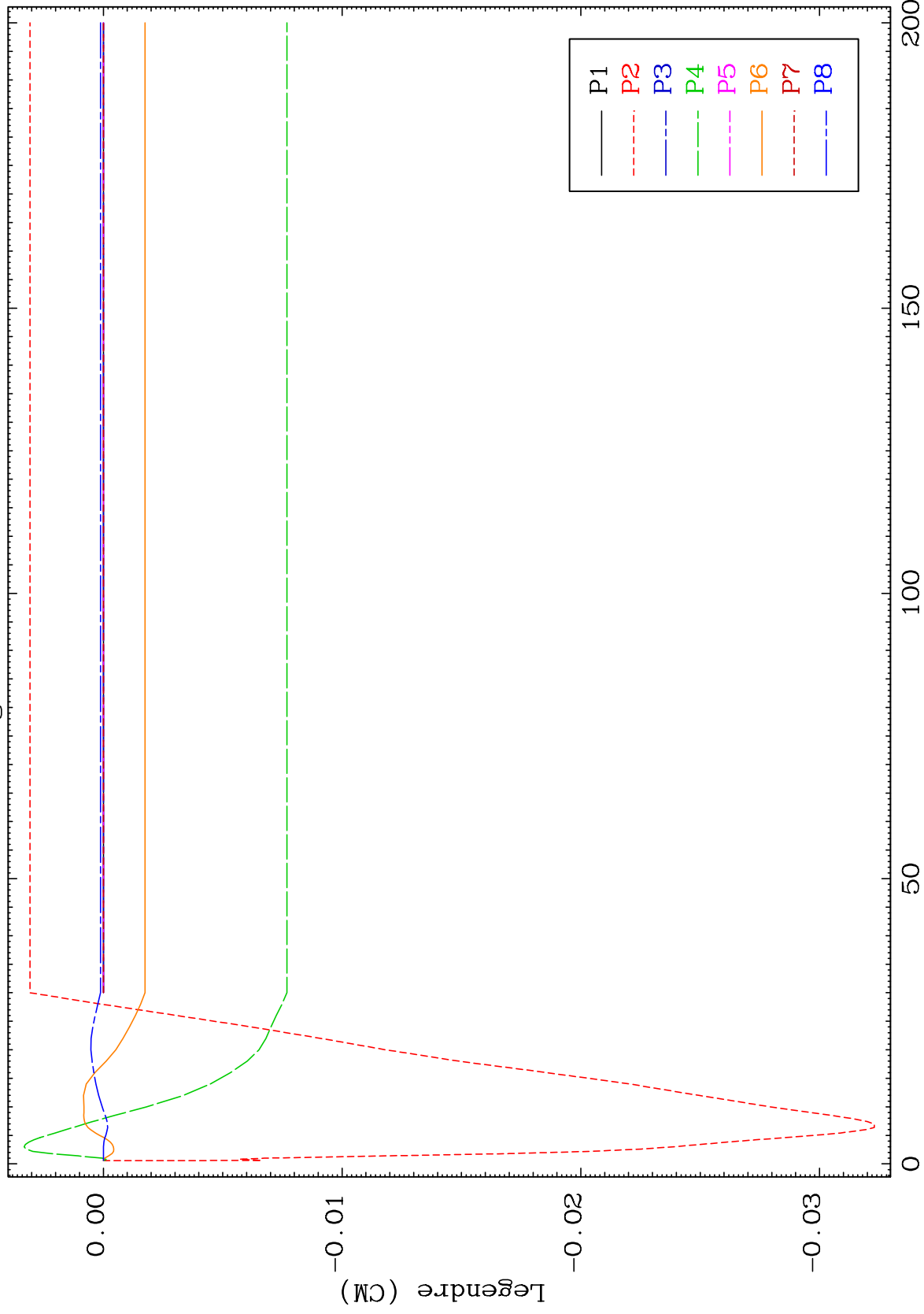
43-Tc-96



MAT 4316

43-Tc-96

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



97

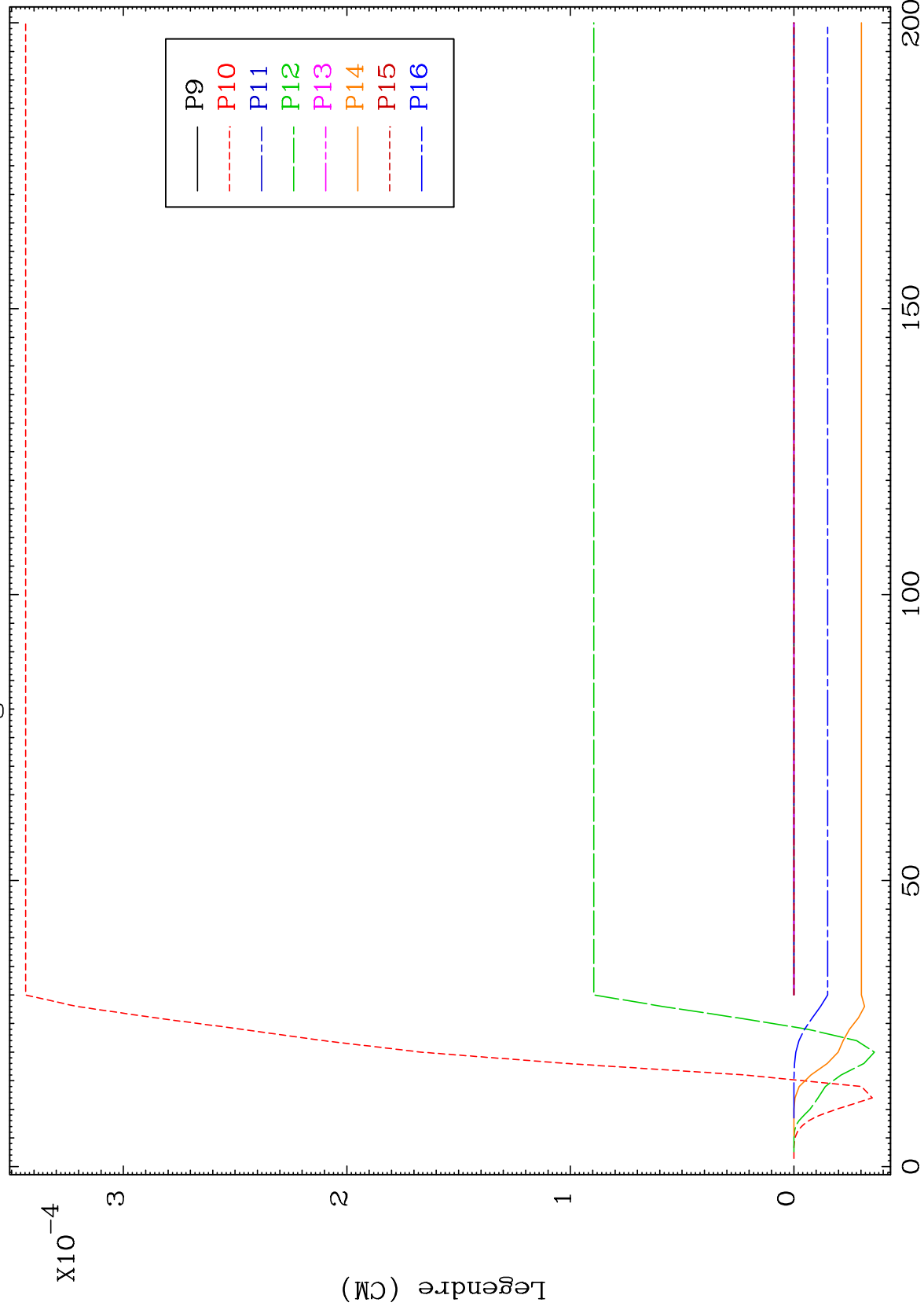
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



98

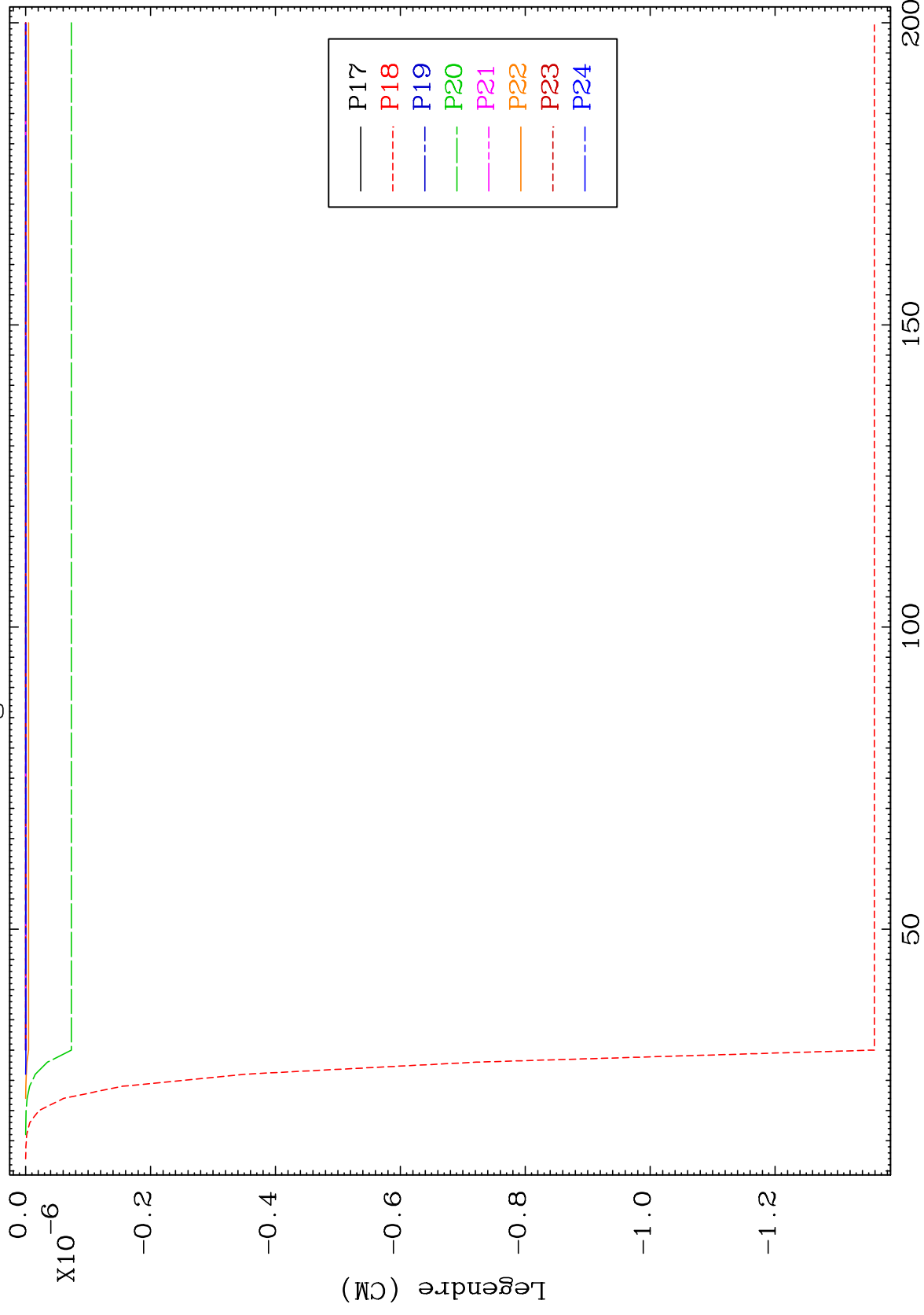
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



43-Tc-96

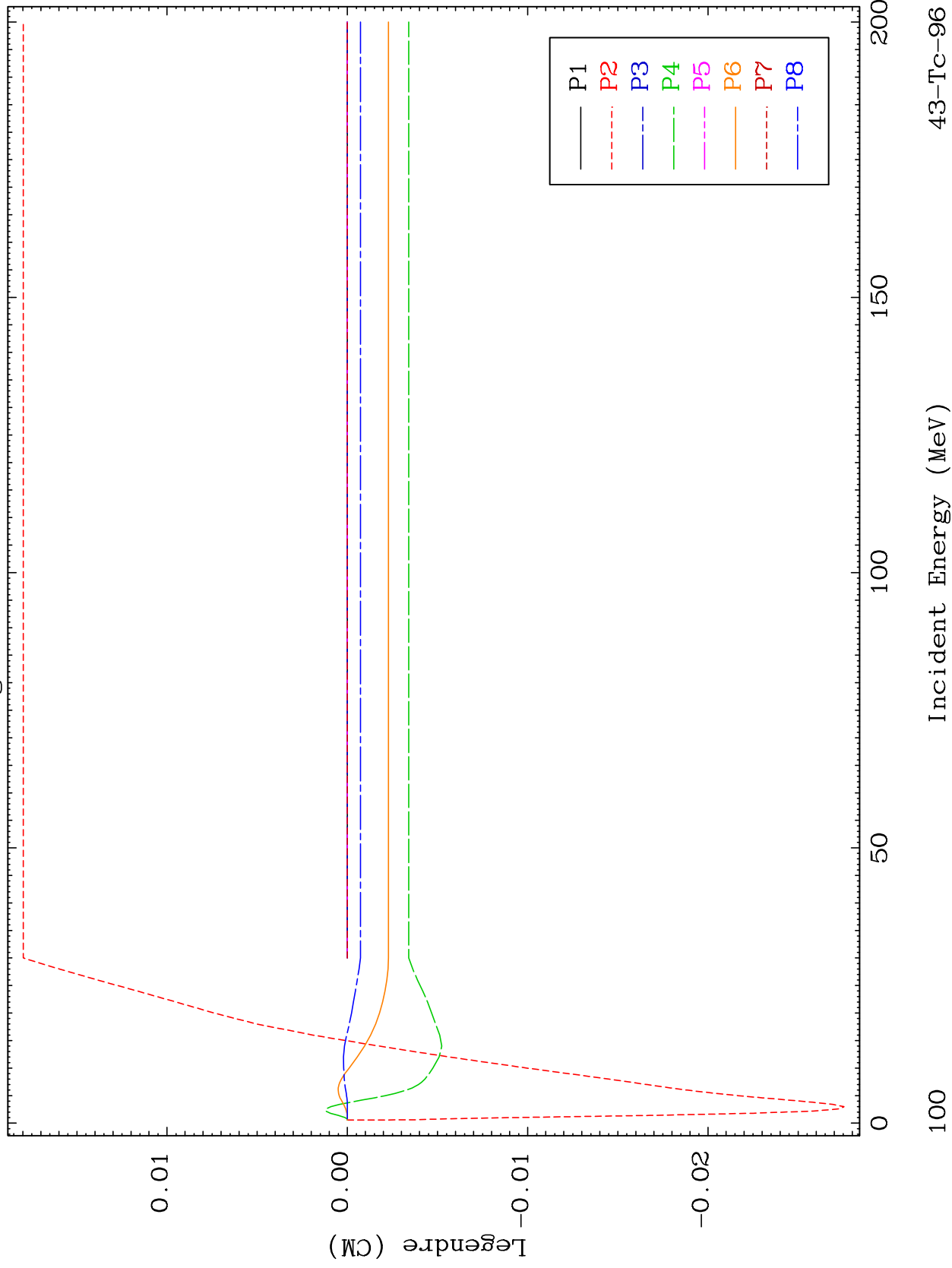
Incident Energy (MeV)

99

MAT 4316

MT= 74 (n,n') Level
Legendre Coefficients

43-Tc-96

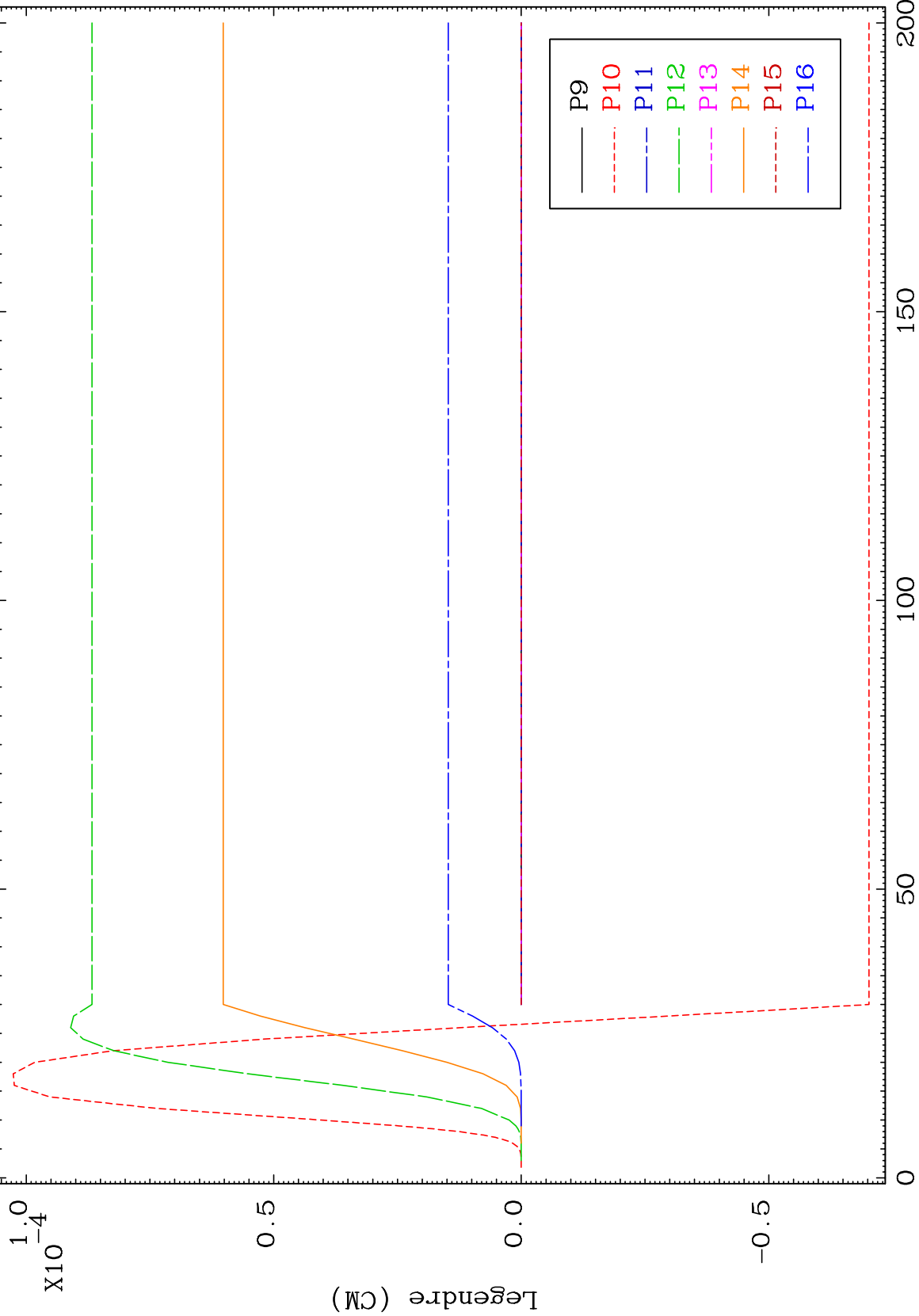


43-Tc-96

MAT 4316

MT= 74 (n,n') Level
Legendre Coefficients

43-Tc-96



101

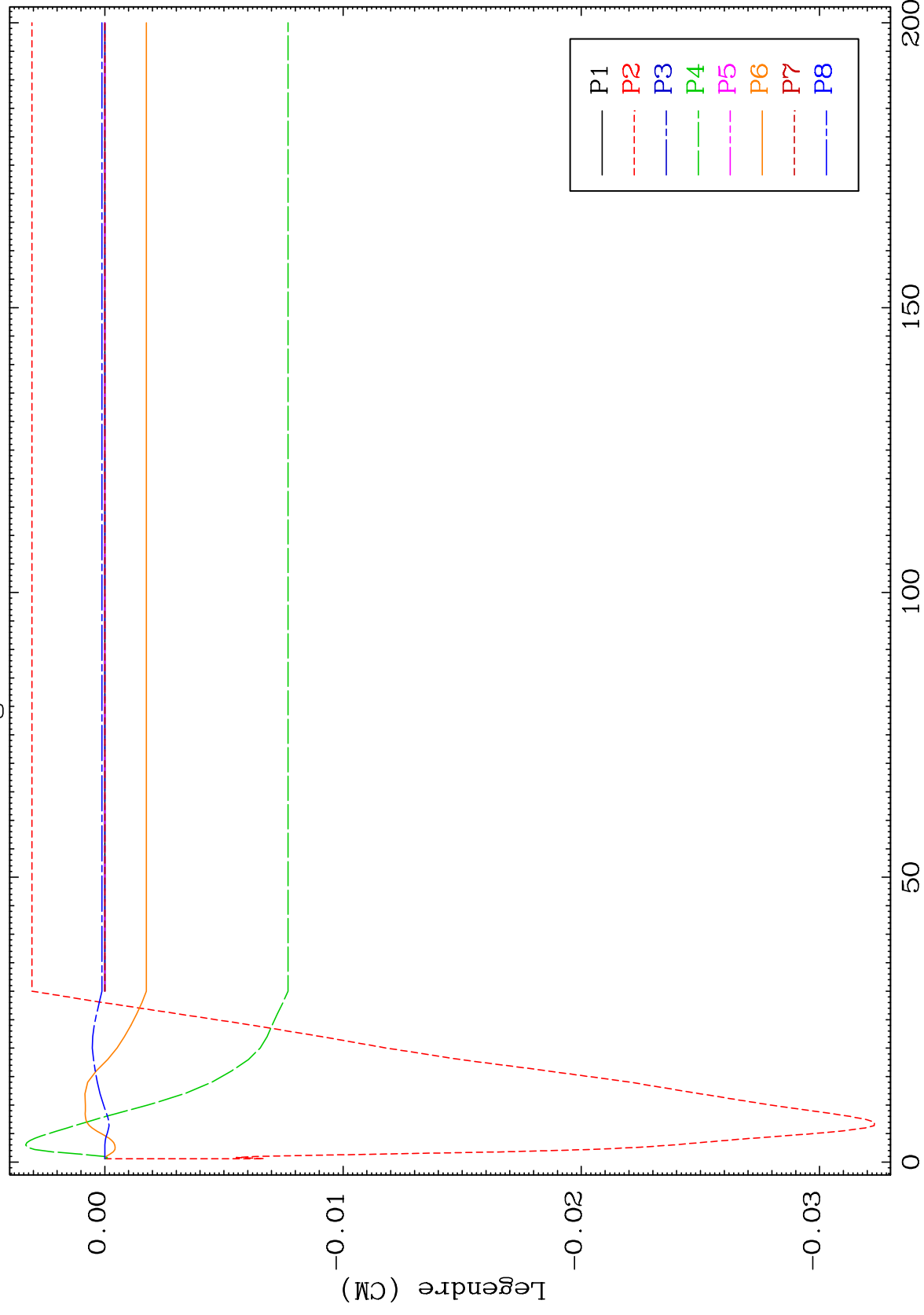
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

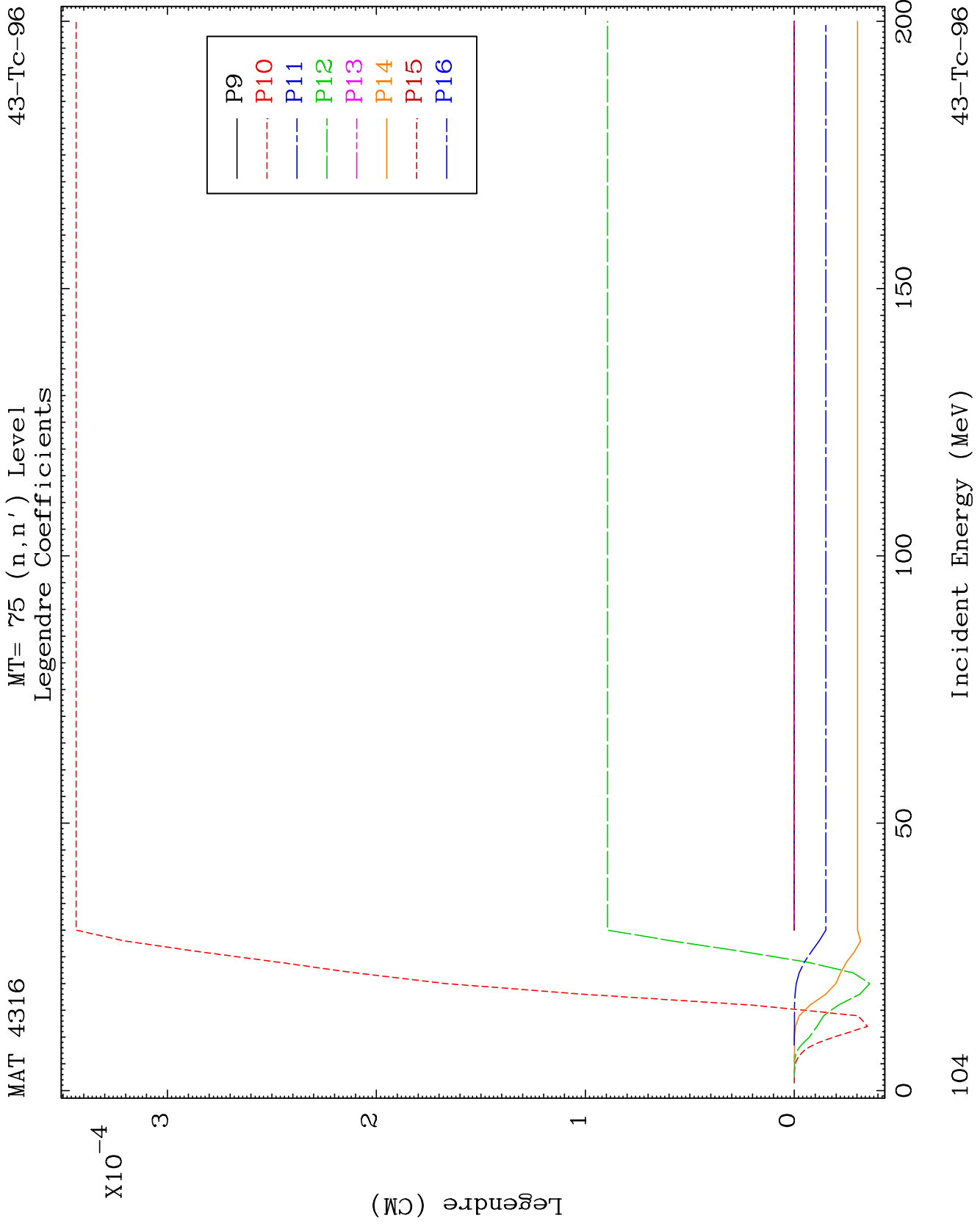
43-Tc-96

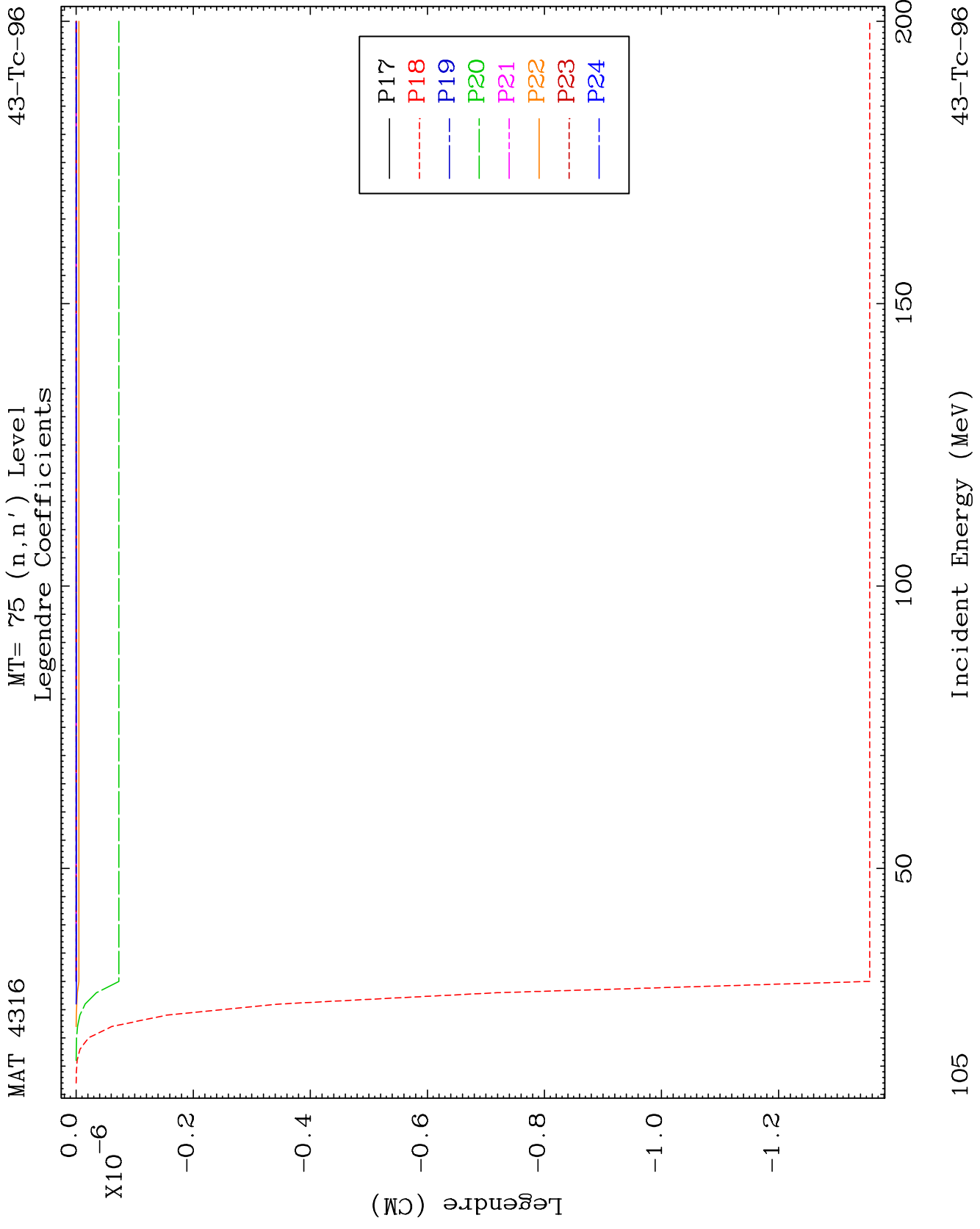


103

Incident Energy (MeV)

43-Tc-96

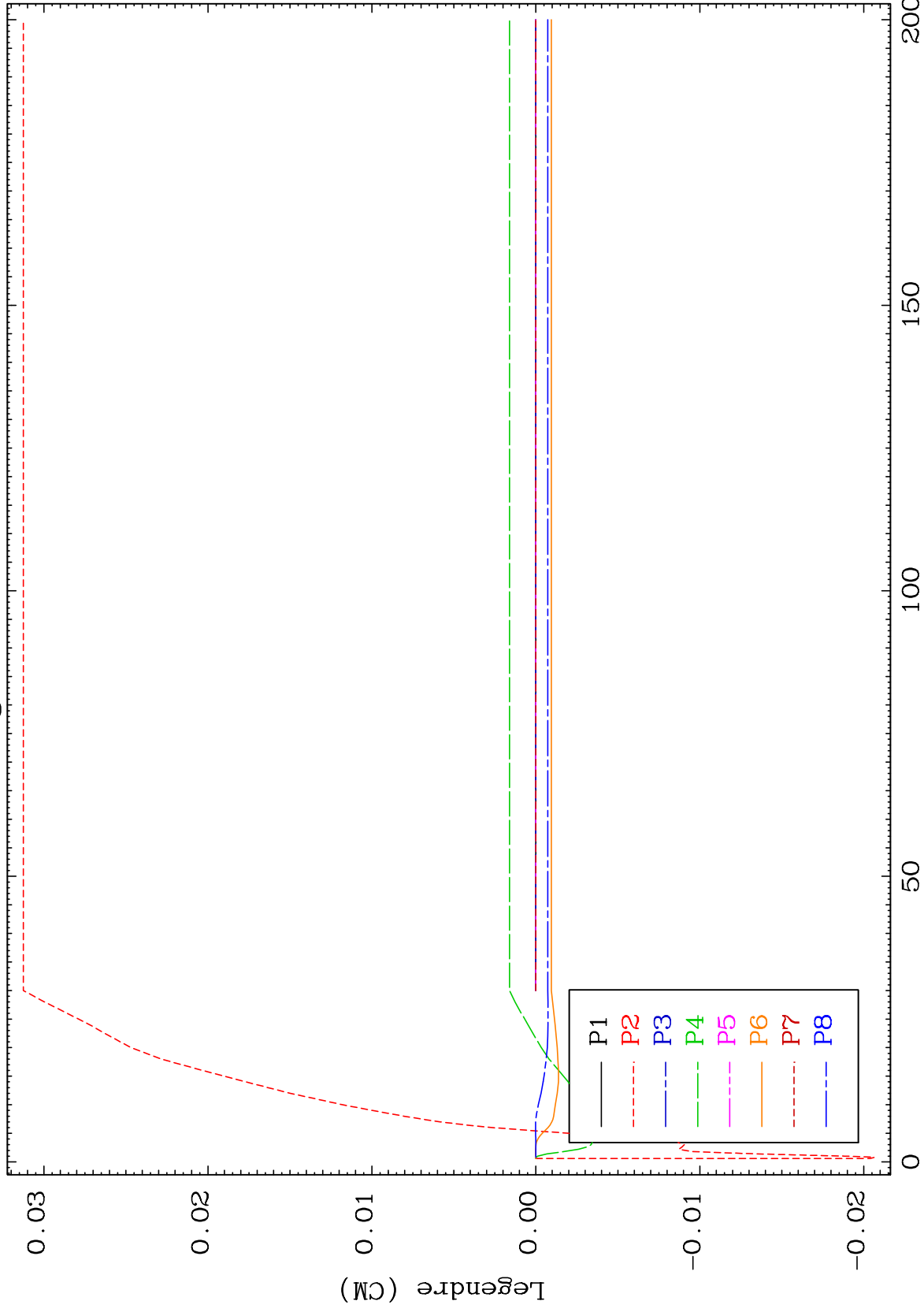




MAT 4316

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

43-Tc-96



106

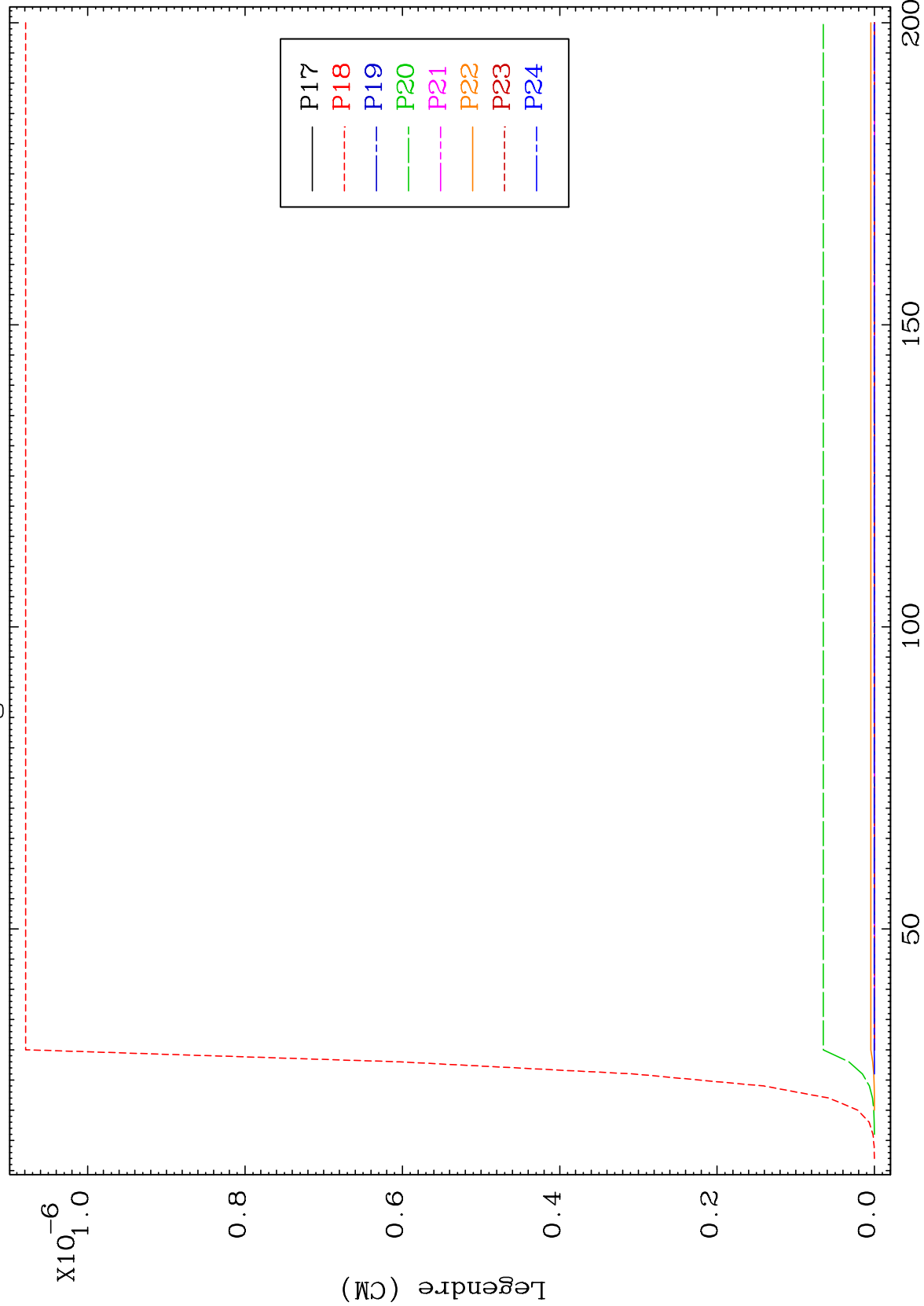
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



43-Tc-96

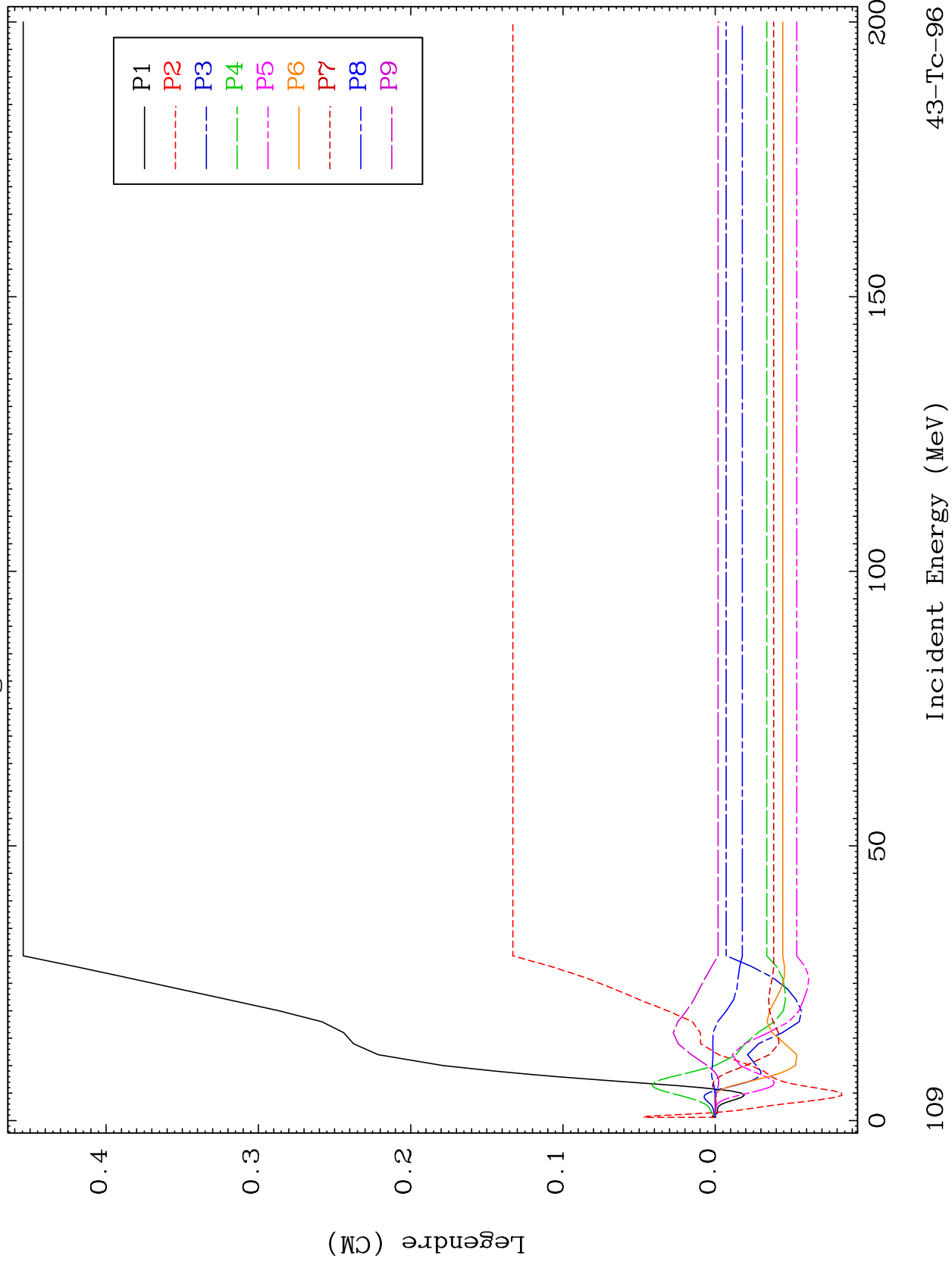
Incident Energy (MeV)

108

MAT 4316

MT= 77 (n,n') Level
Legendre Coefficients

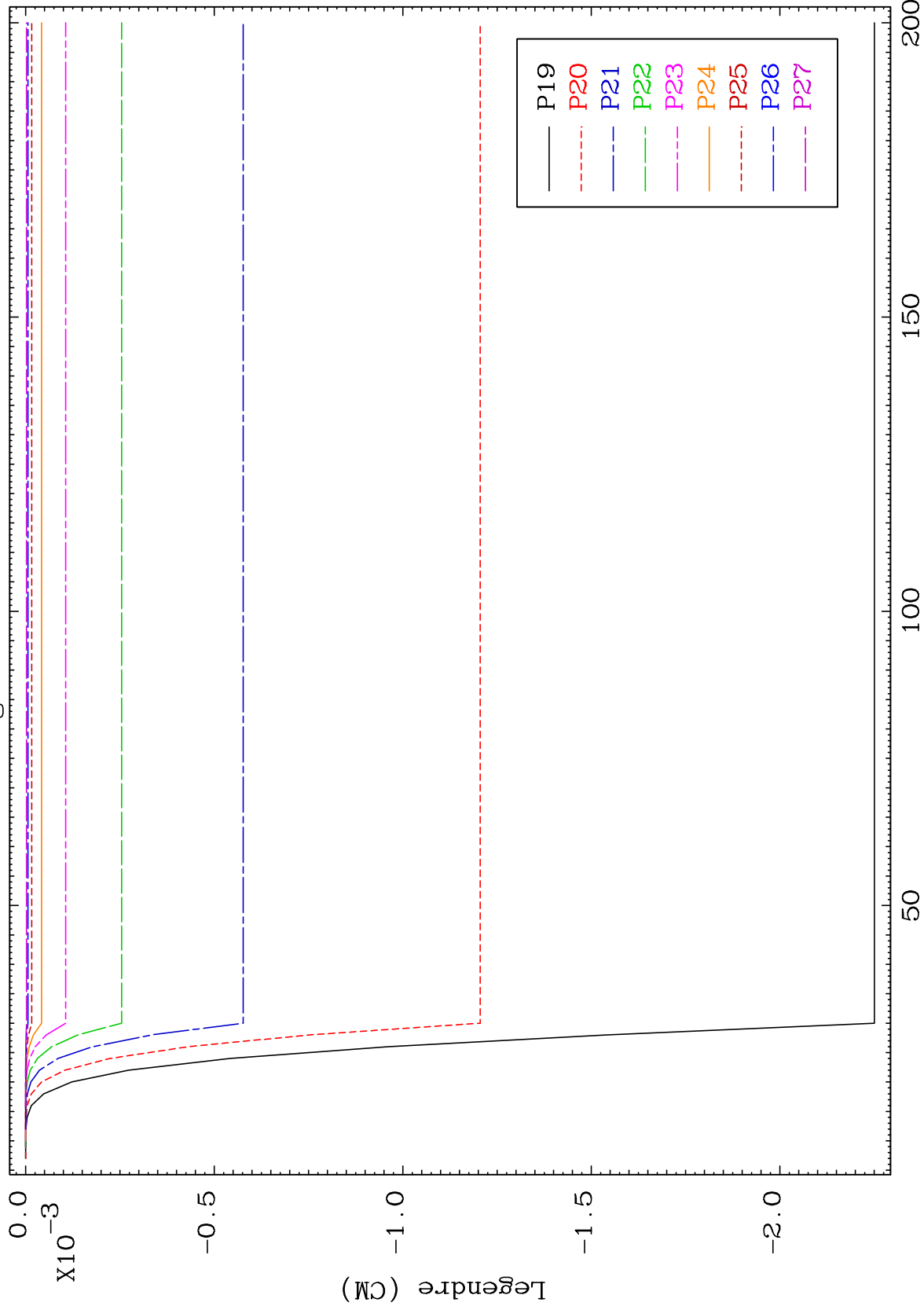
43-Tc-96



43-Tc-96

Incident Energy (MeV)

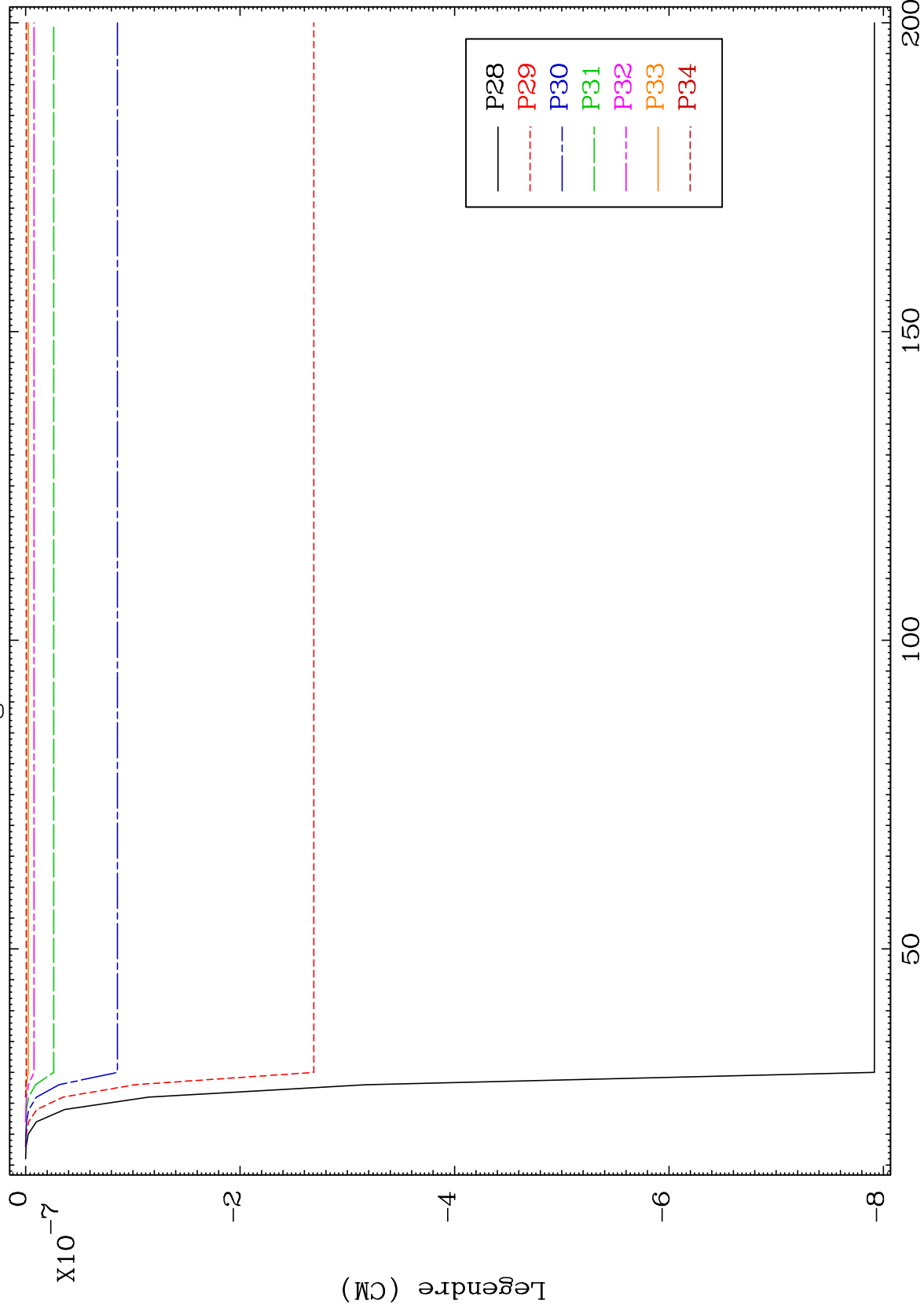
109



MAT 4316

MT= 77 (n,n') Level
Legendre Coefficients

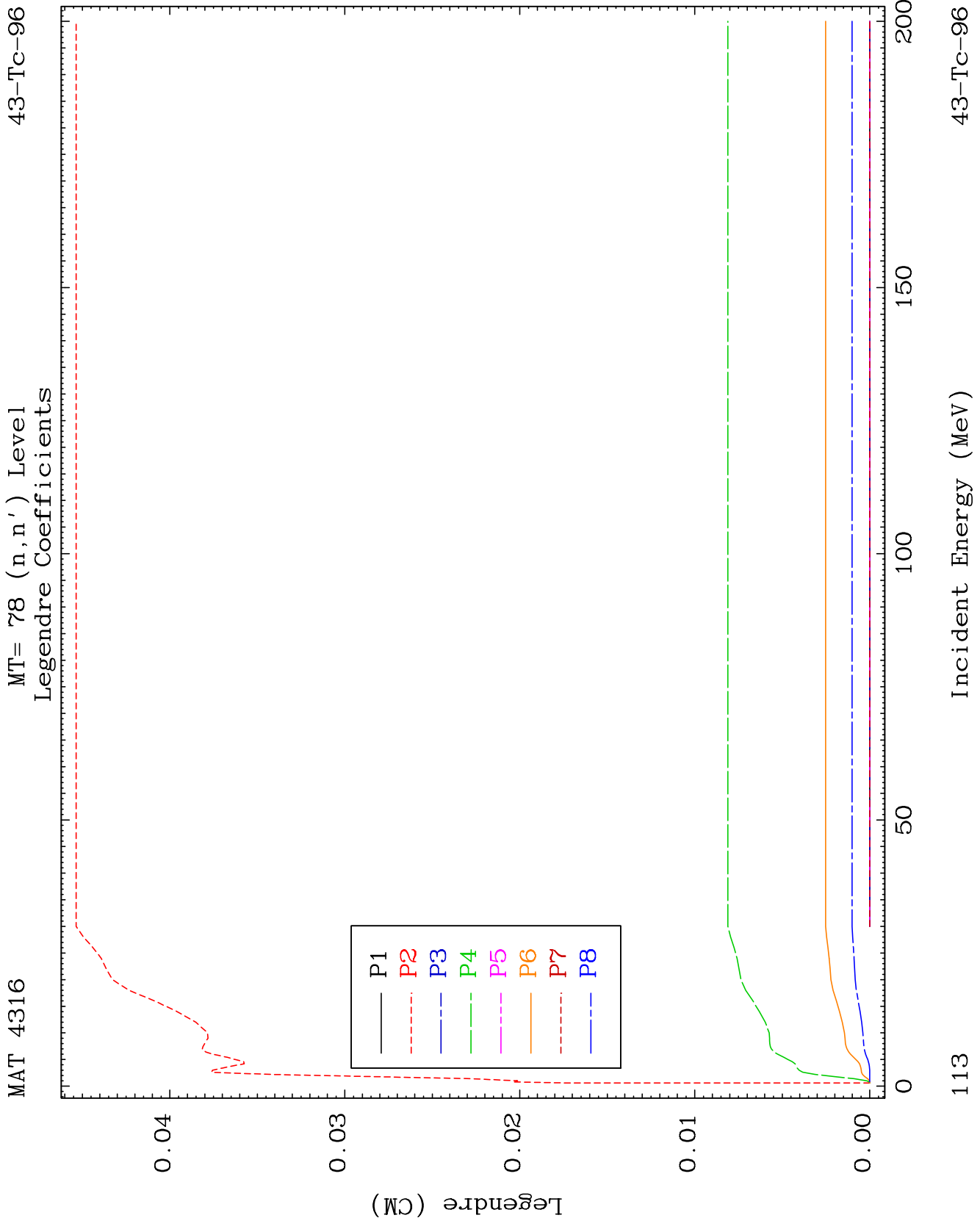
43-Tc-96



112

Incident Energy (MeV)

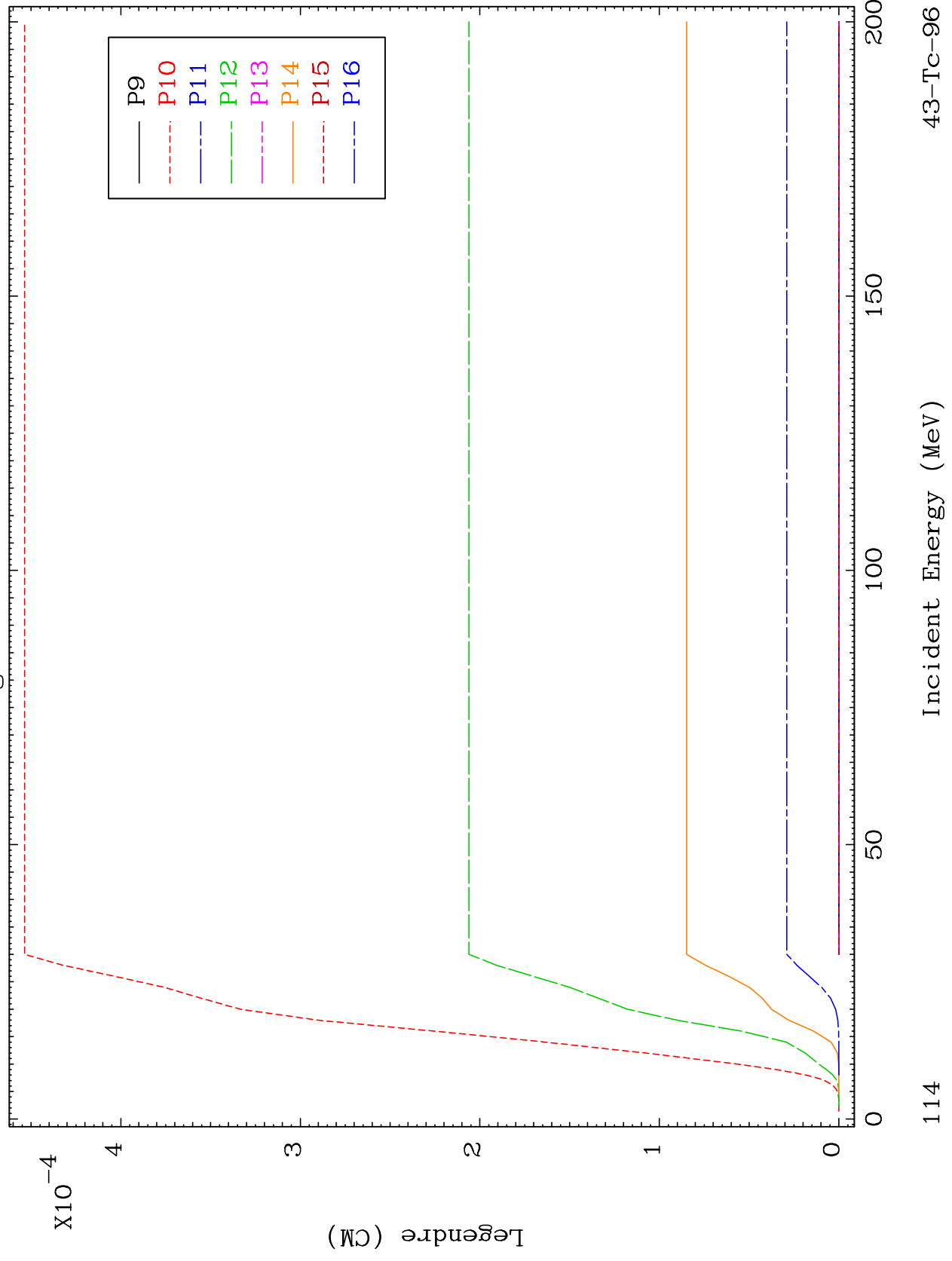
43-Tc-96

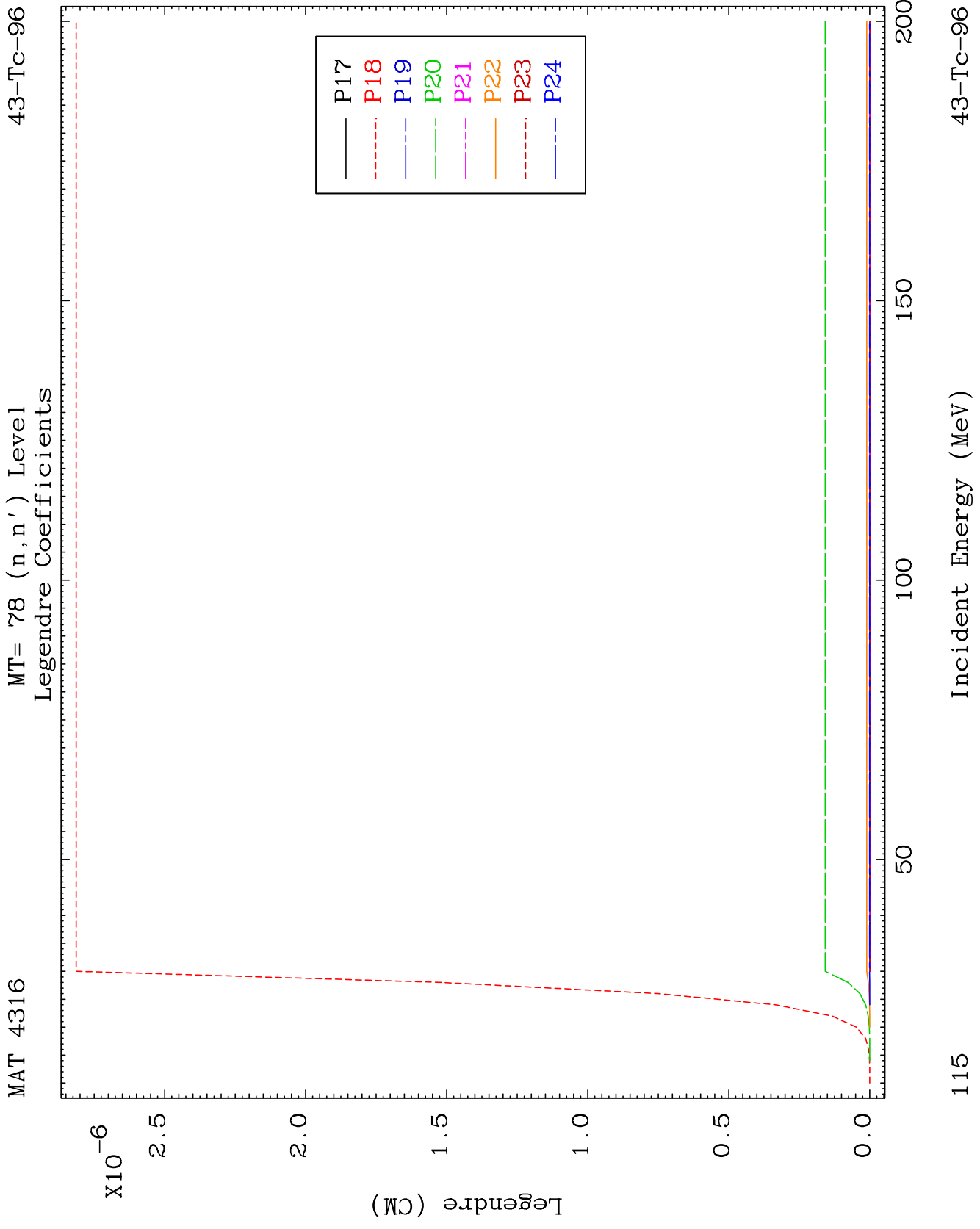


MAT 4316

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

43-Tc-96

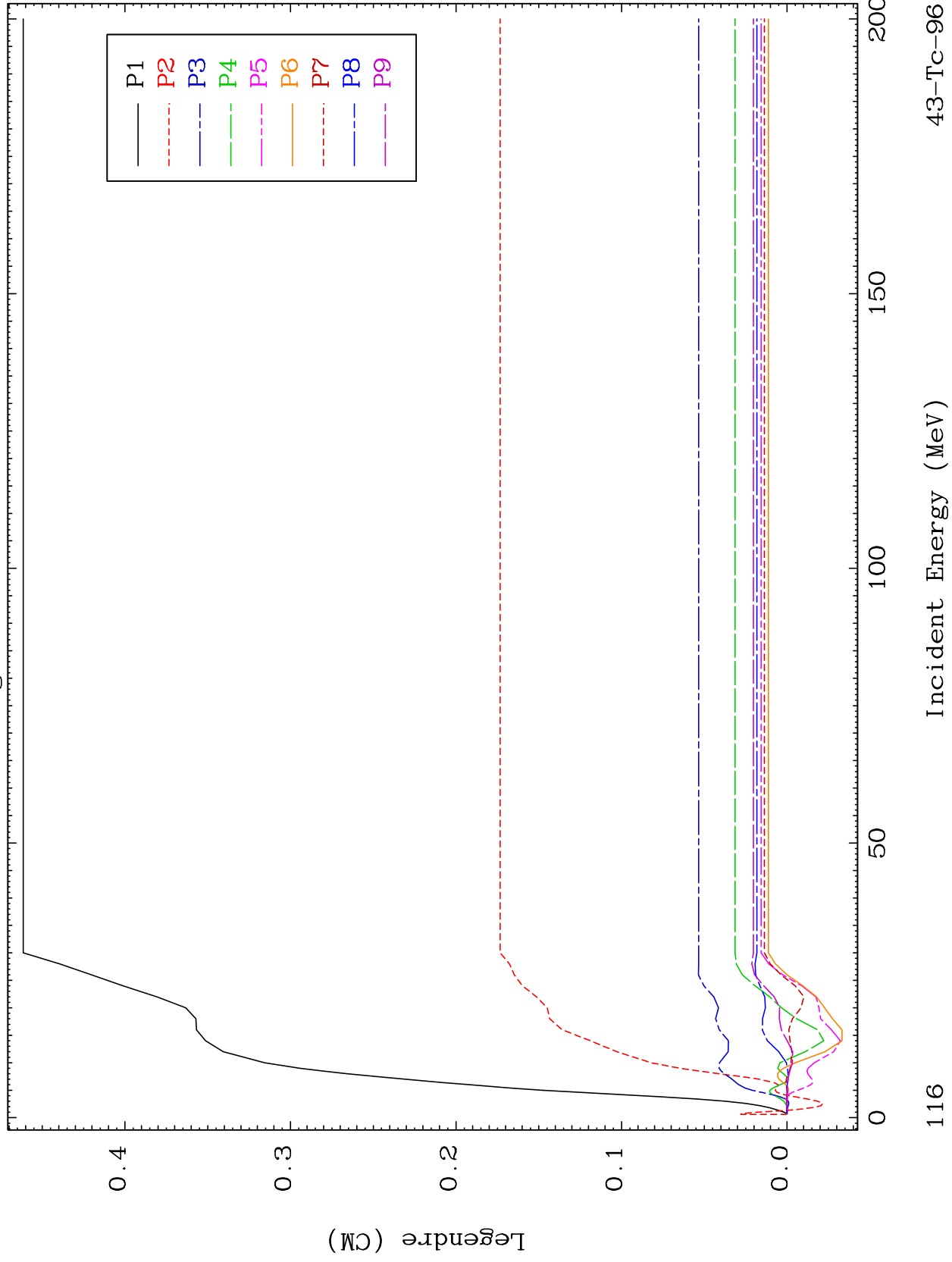




MAT 4316

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

43-Tc-96



43-Tc-96

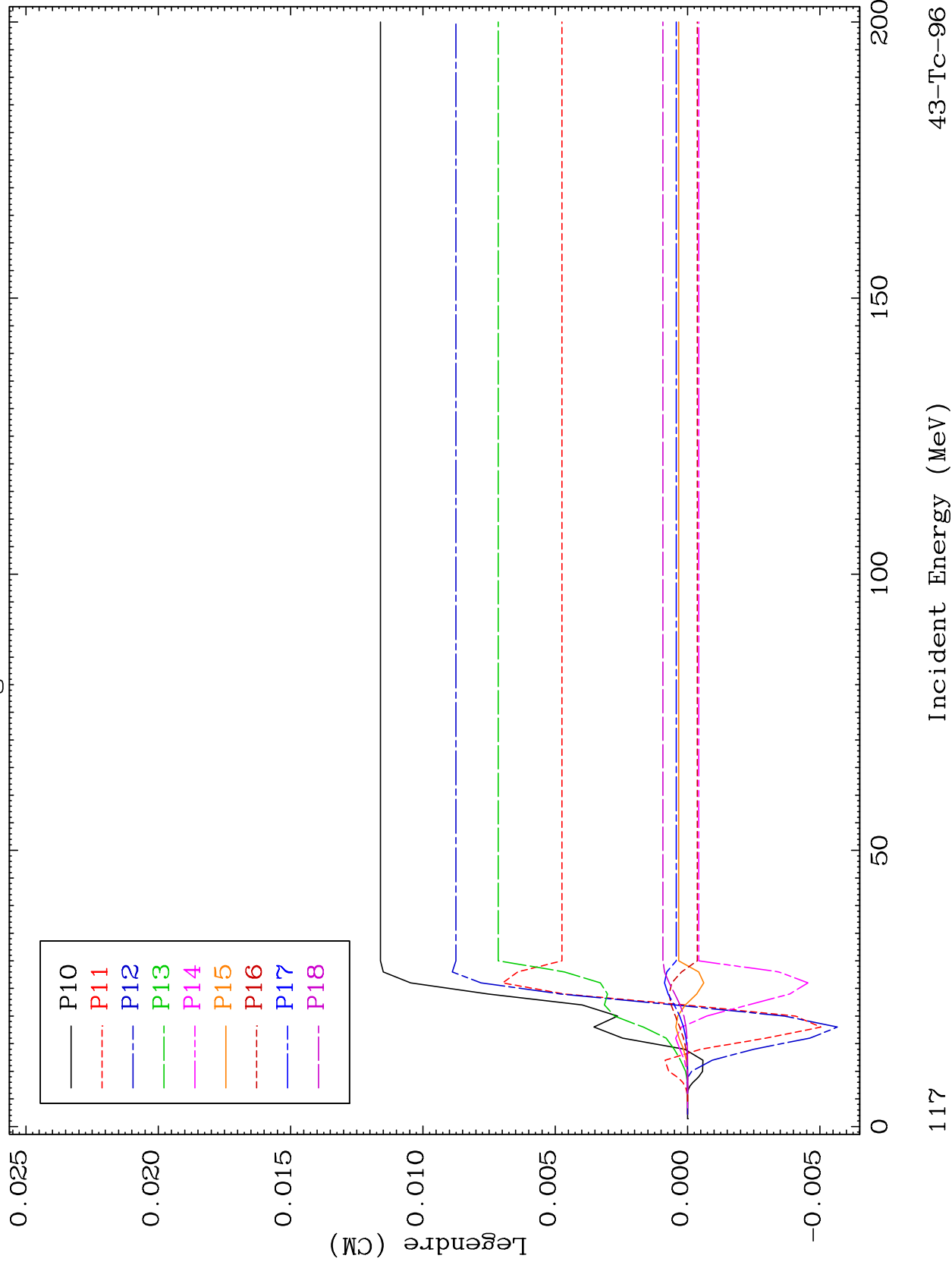
Incident Energy (MeV)

116

MAT 4316

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

43-Tc-96



117

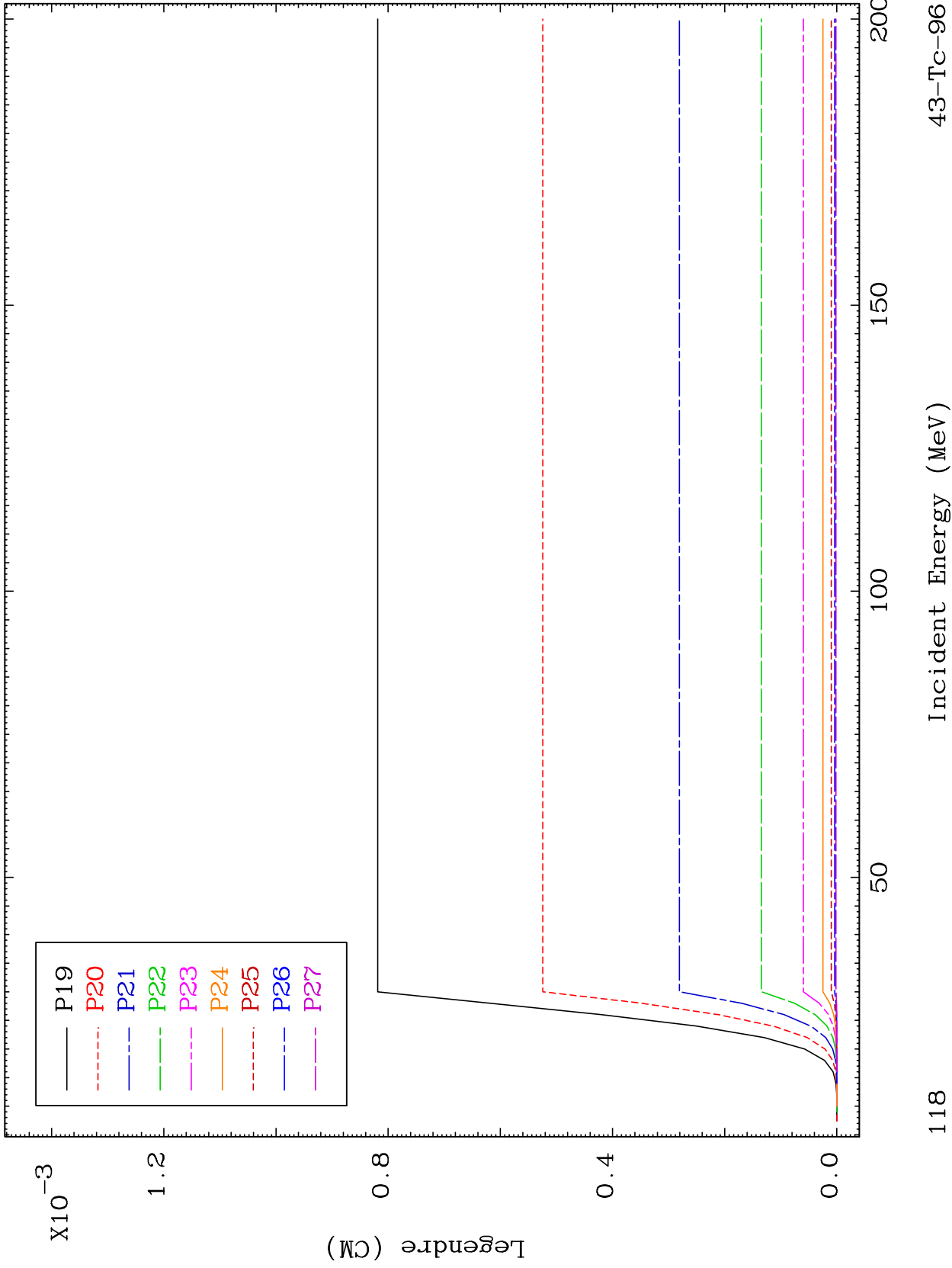
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

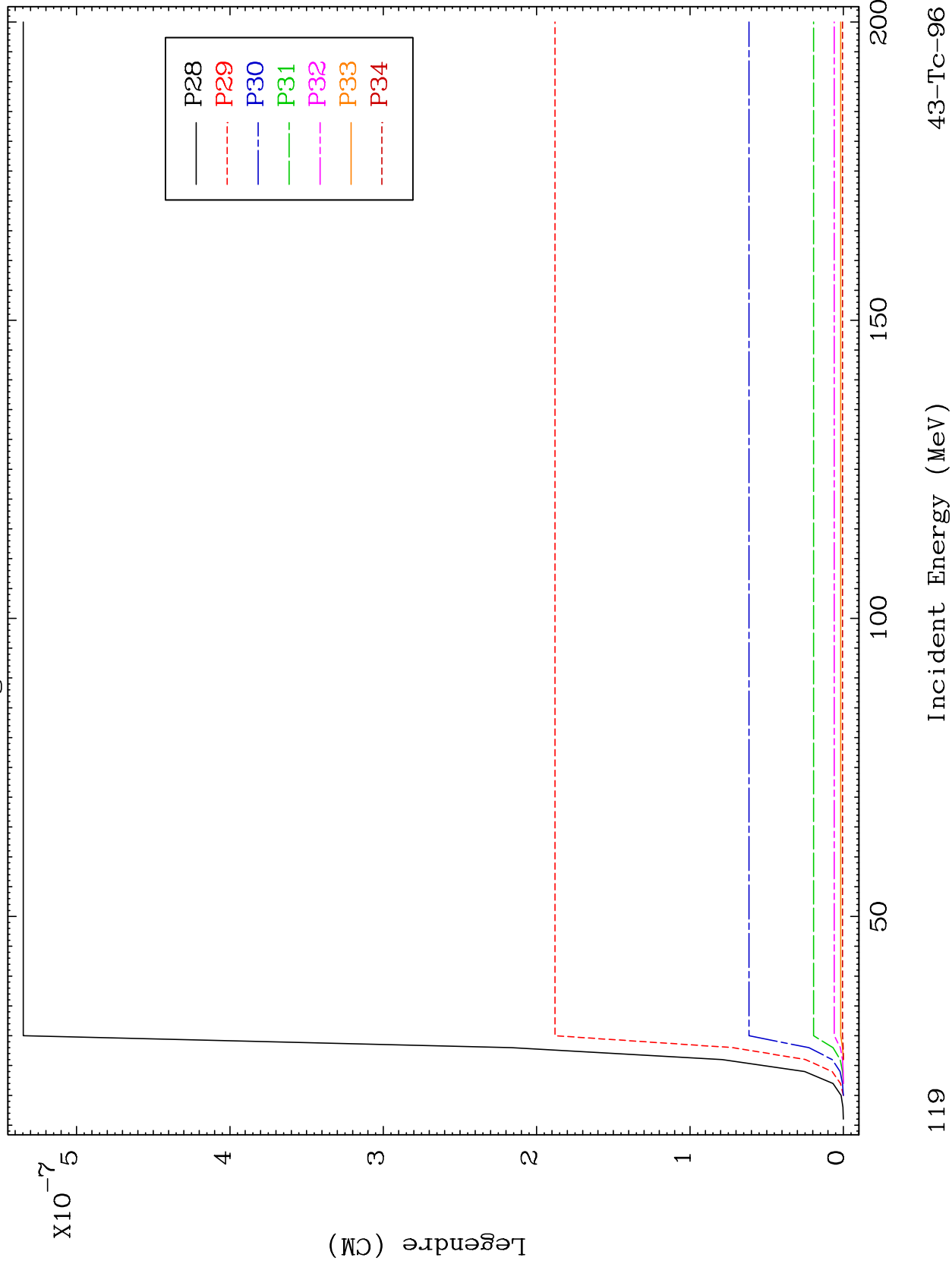
43-Tc-96



MAT 4316

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

43-Tc-96



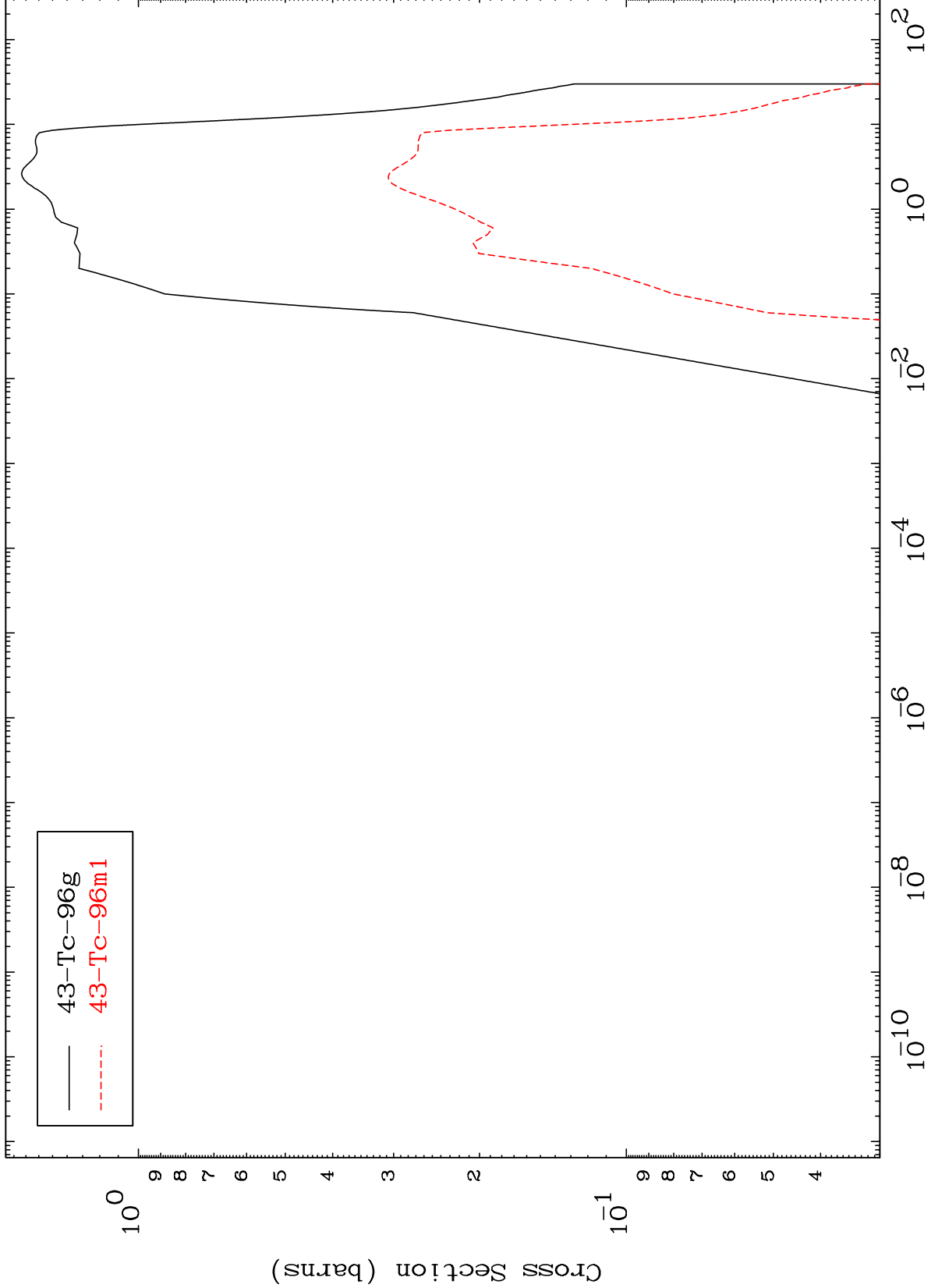
119

MAT 4316

Inelastic

43-Tc-96

Radionuclide Production Cross Section



43-Tc-96g
43-Tc-96m1

120

Incident Energy (MeV)

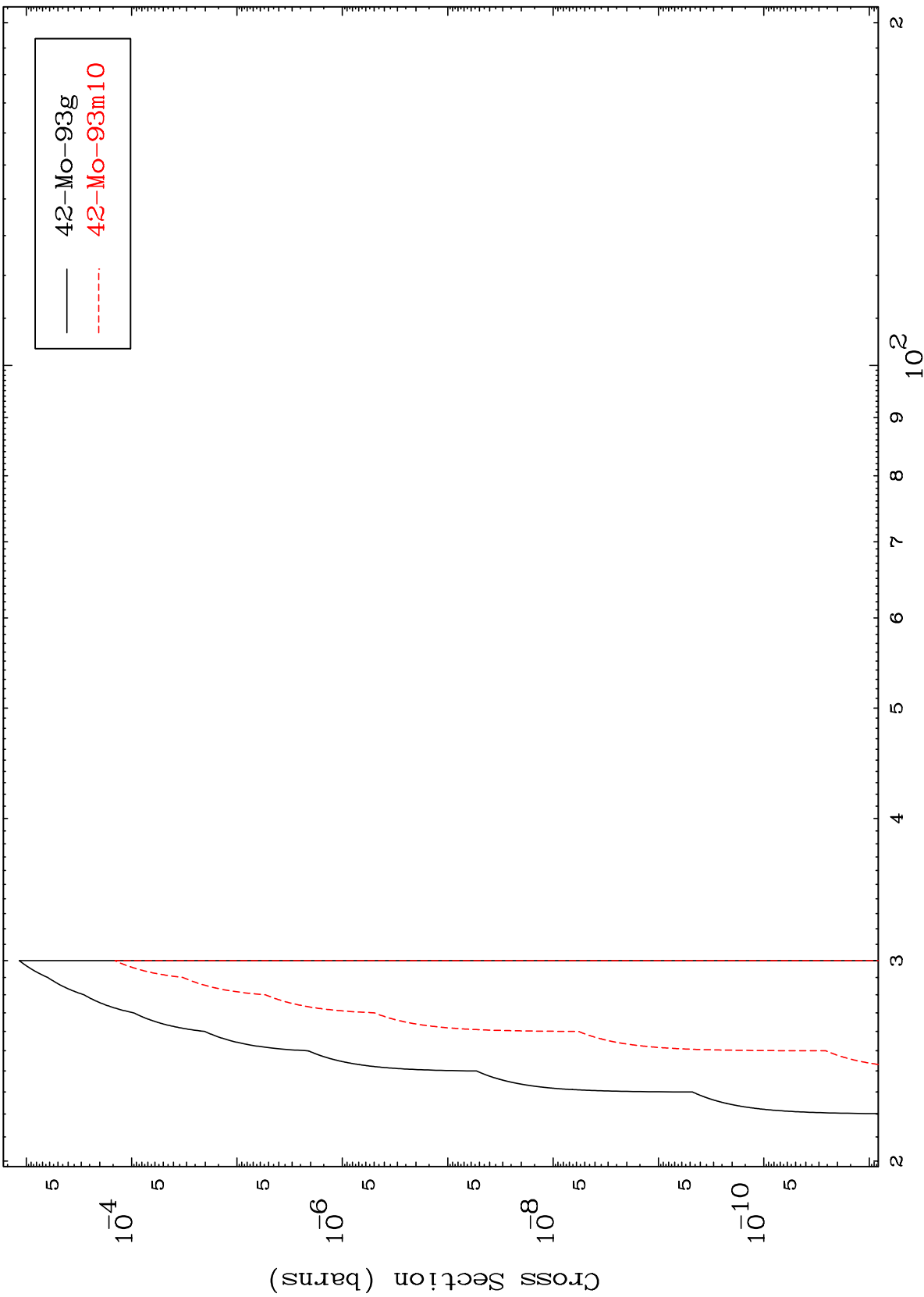
43-Tc-96

MAT 4316

(n,2n) d

43-Tc-96

Radionuclide Production Cross Section



121

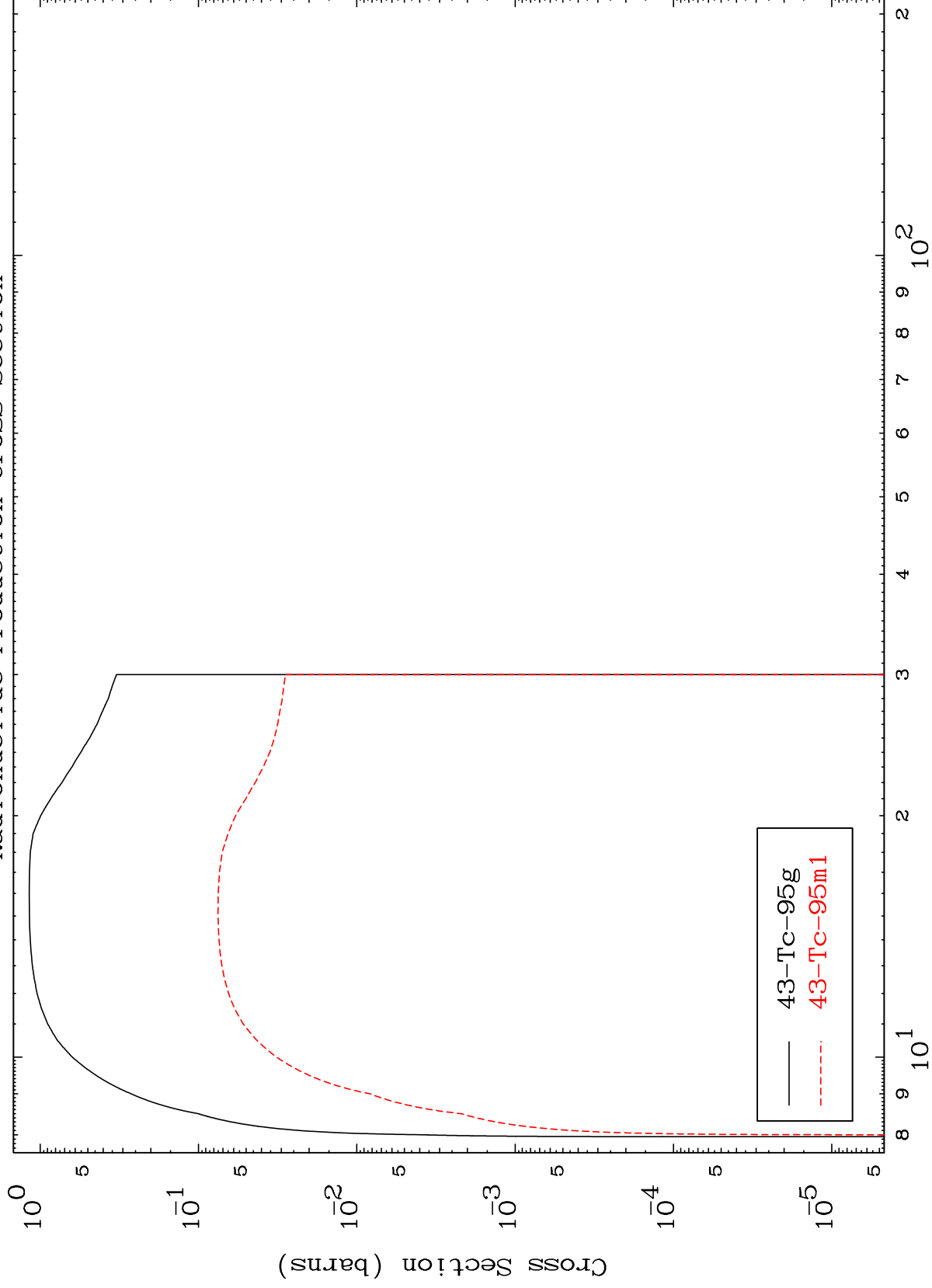
Incident Energy (MeV)

43-Tc-96

MAT 4316

43-Tc-96

Radionuclide Production Cross Section
(n,2n)



43-Tc-96

Incident Energy (MeV)

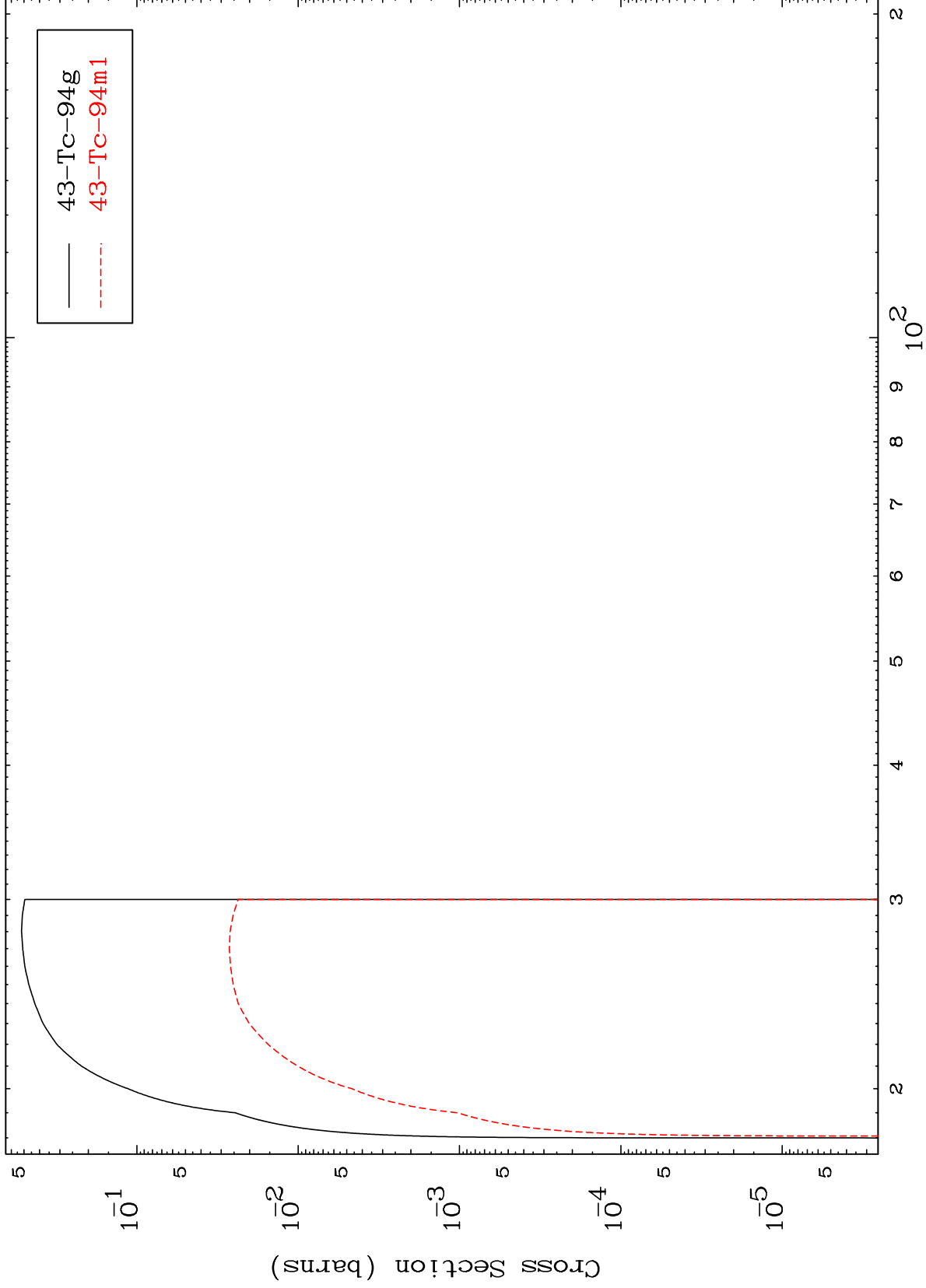
122

MAT 4316

(n,3n)

43-Tc-96

Radionuclide Production Cross Section



123

Incident Energy (MeV)

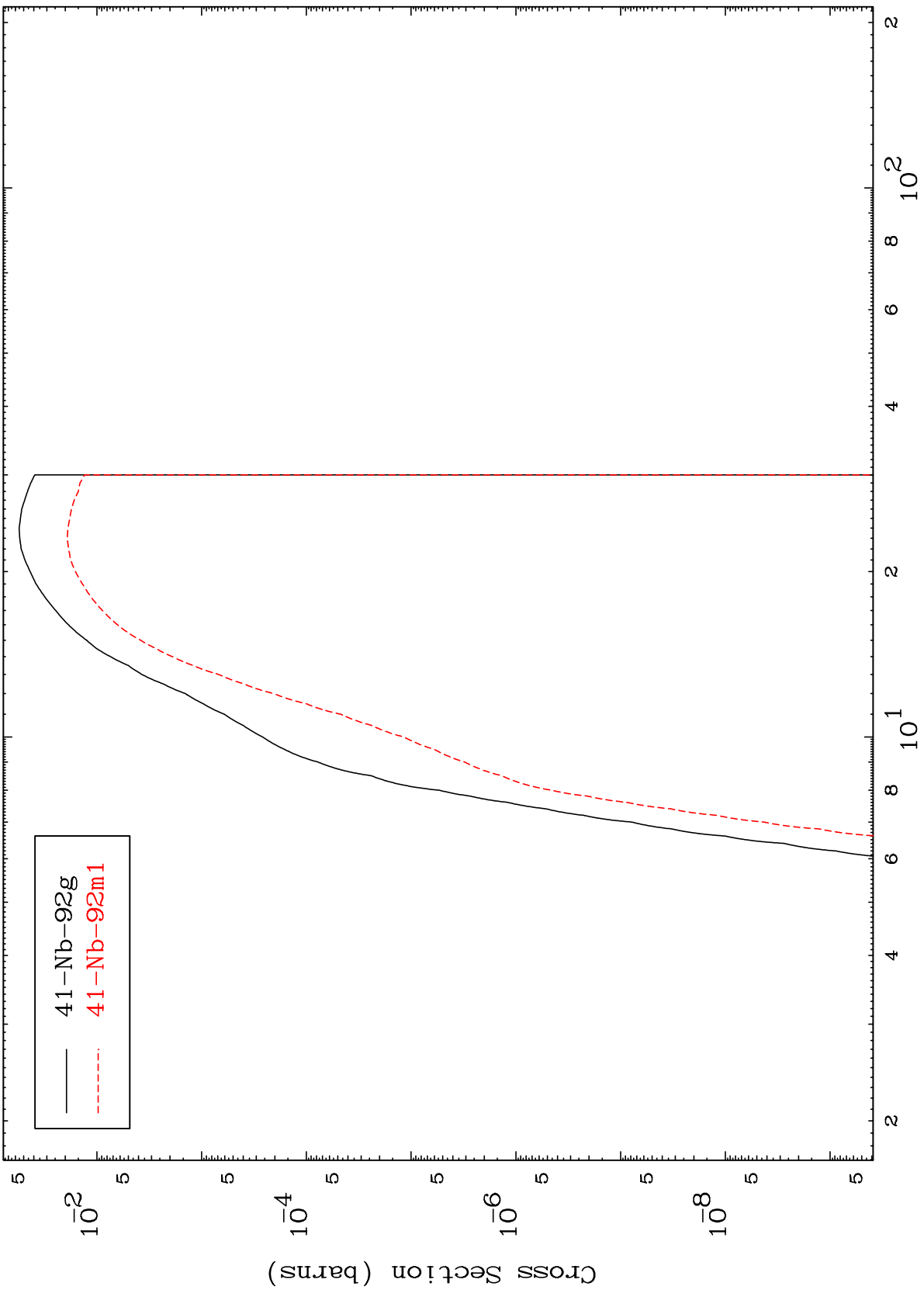
43-Tc-96

MAT 4316

(n,n') α

43-Tc-96

Radionuclide Production Cross Section



124

Incident Energy (MeV)

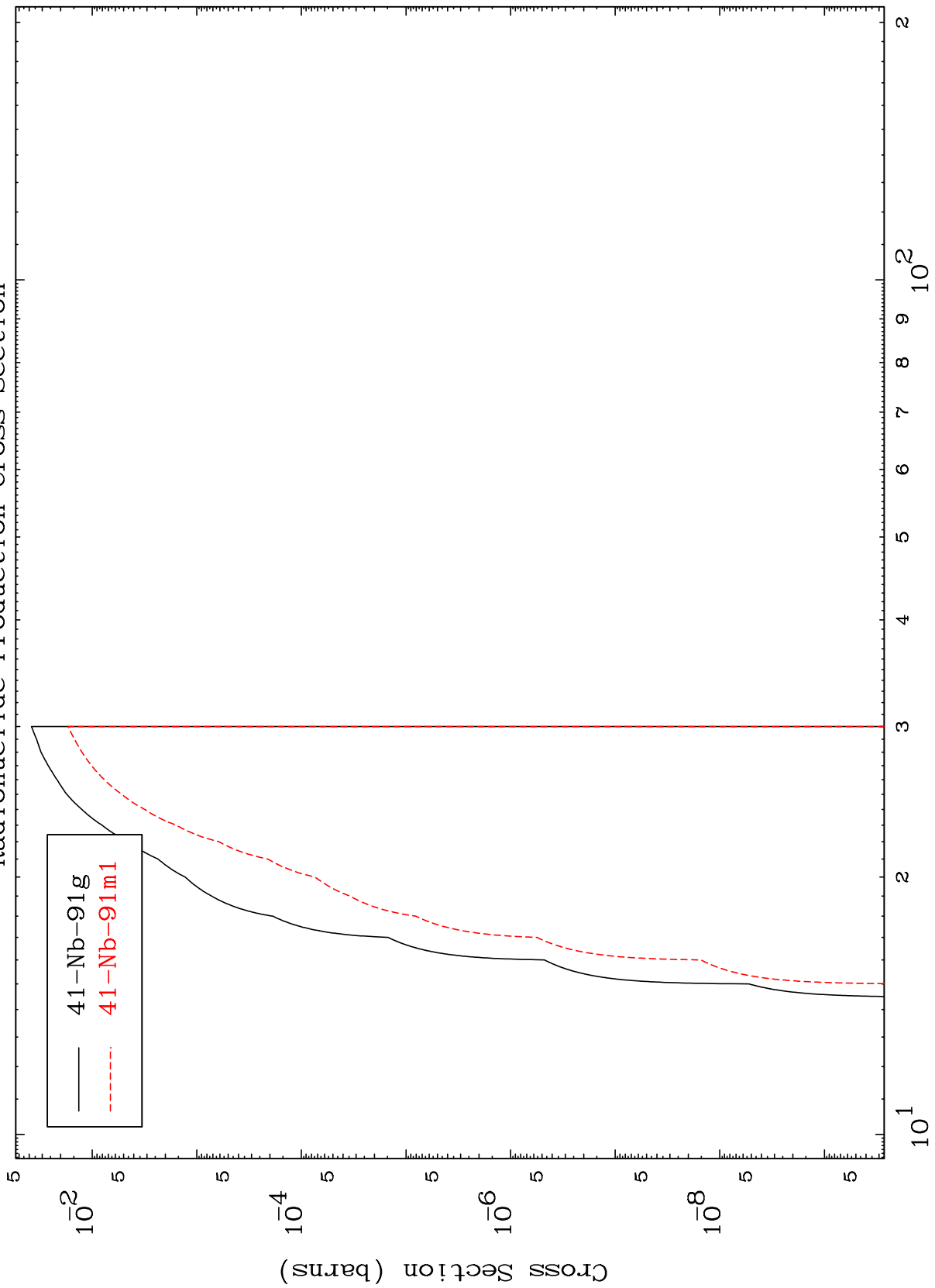
43-Tc-96

MAT 4316

(n,2n) α

43-Tc-96

Radionuclide Production Cross Section



— 41-Nb-91g
- - - 41-Nb-91m1

Incident Energy (MeV)

43-Tc-96

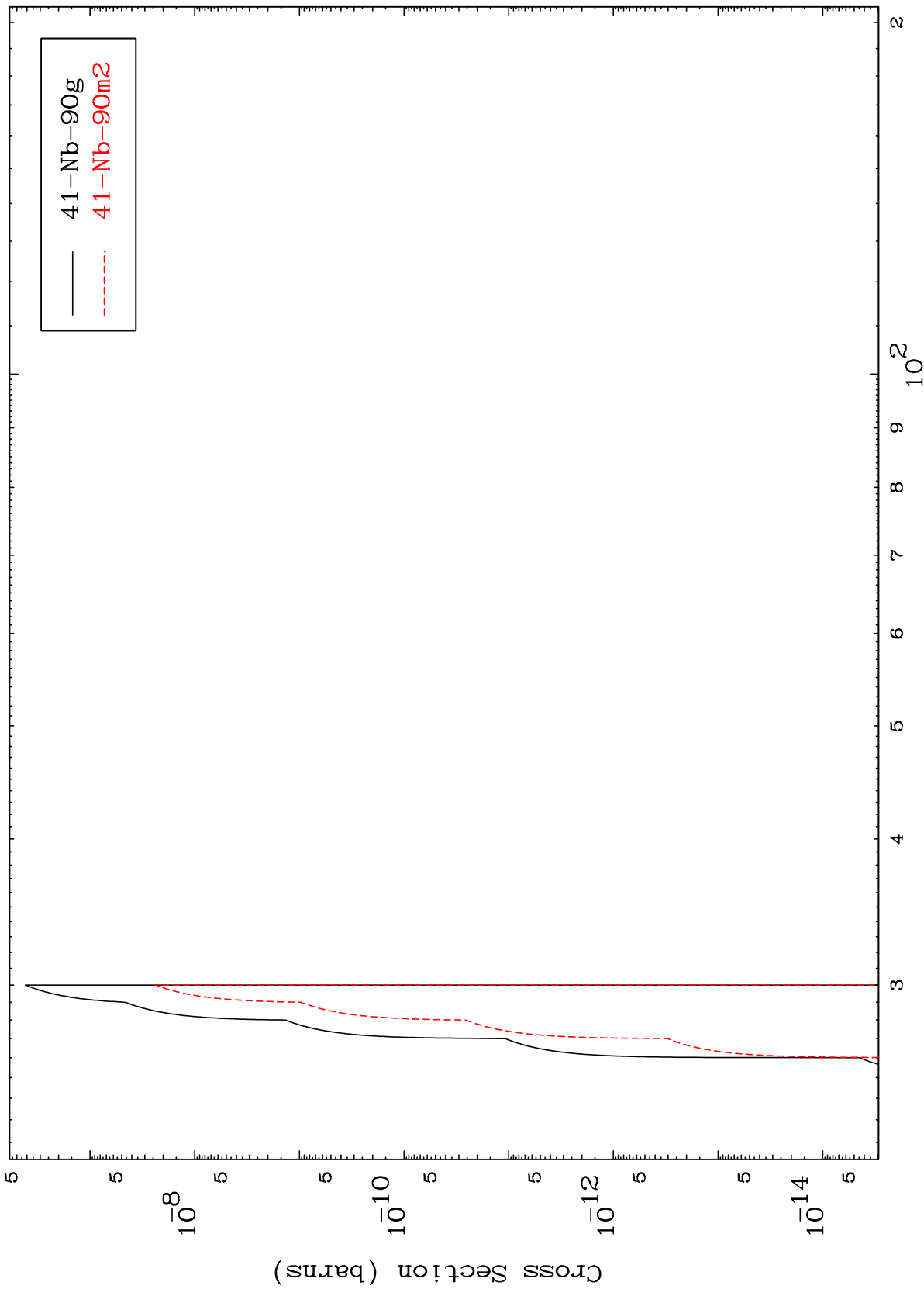
125

MAT 4316

(n,3n) α

43-Tc-96

Radionuclide Production Cross Section



126

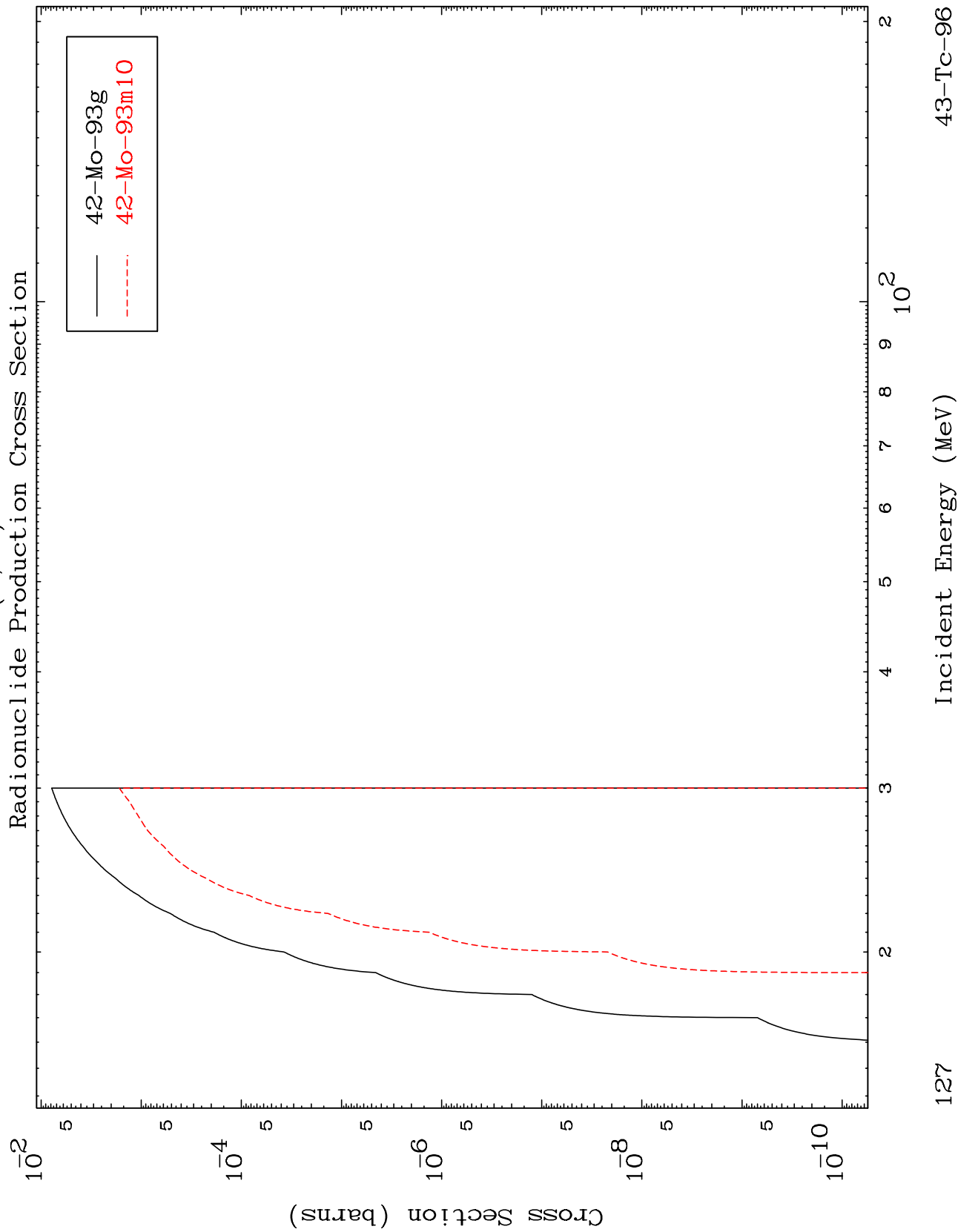
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,n') t

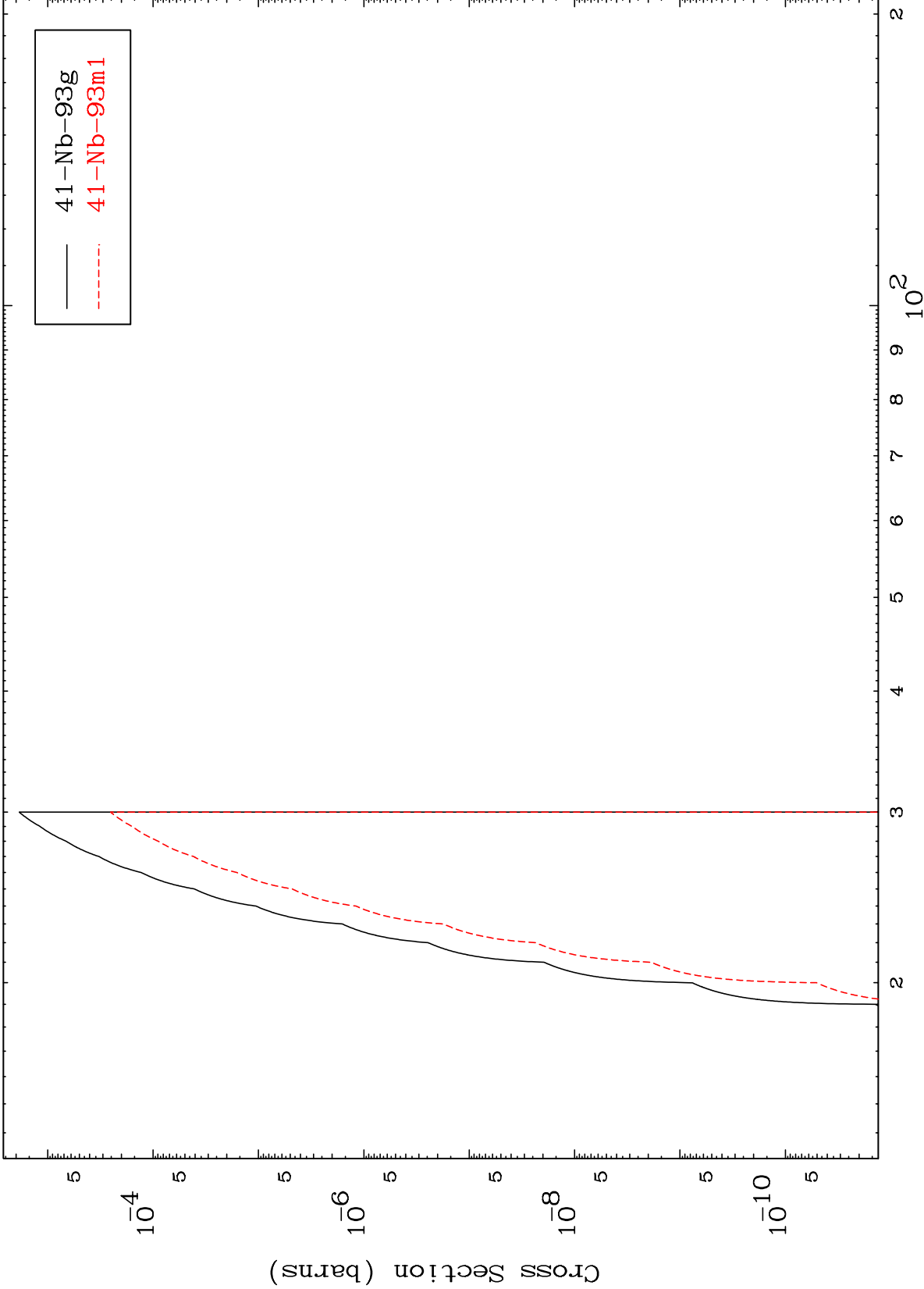
43-Tc-96



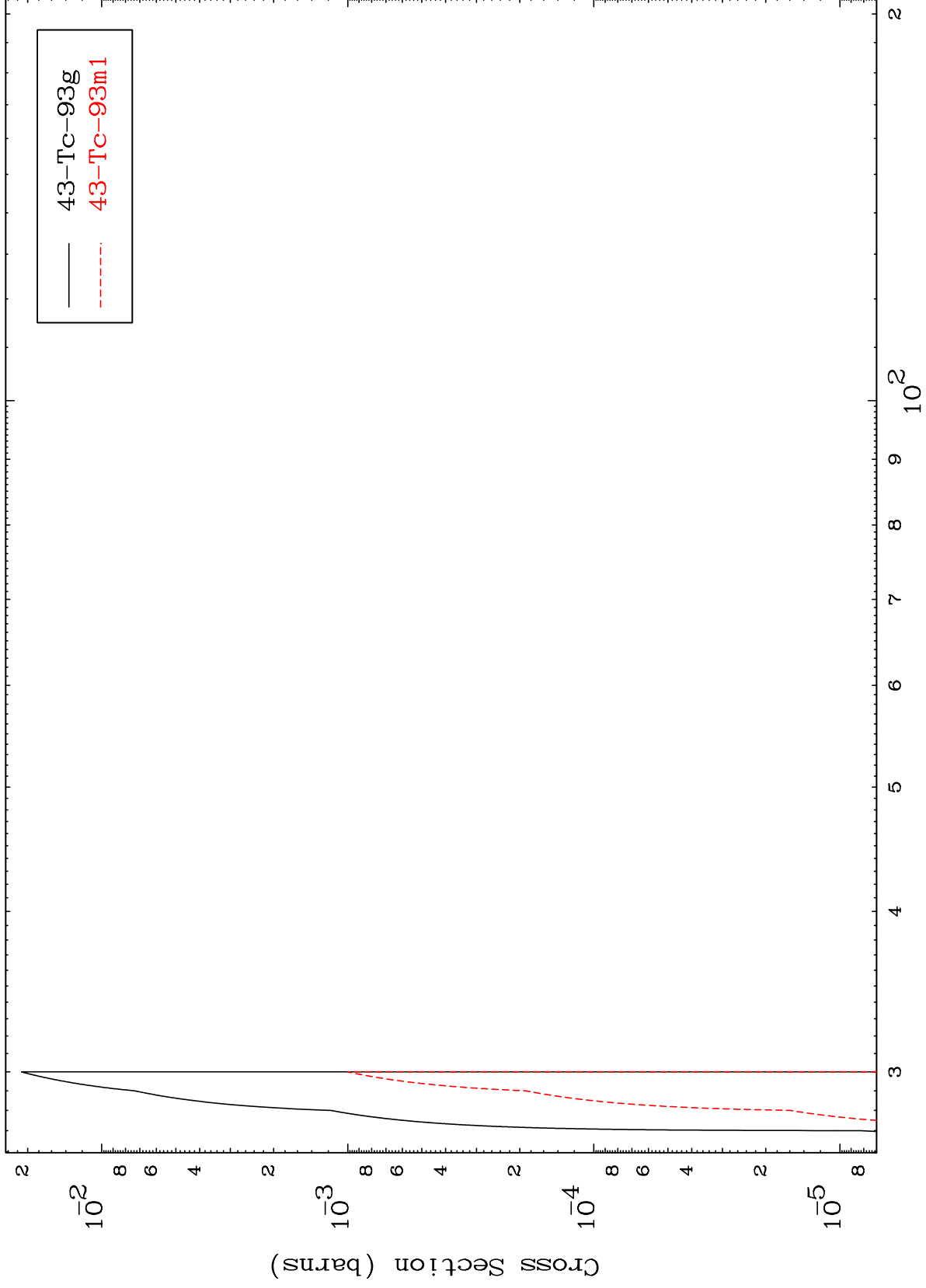
127

43-Tc-96

Radionuclide Production Cross Section



(n,4n)
Radionuclide Production Cross Section

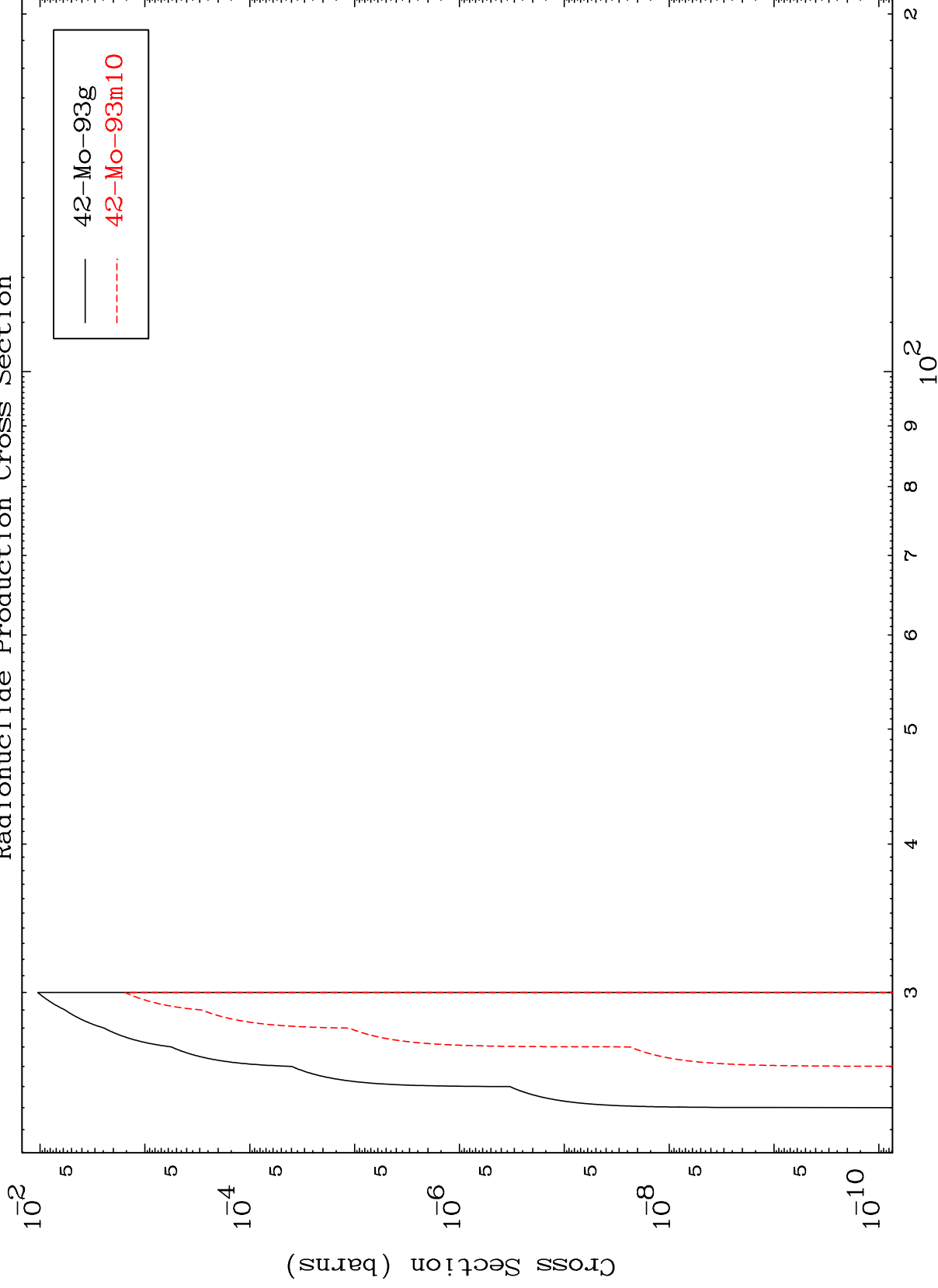


MAT 4316

(n,3n) p

43-Tc-96

Radionuclide Production Cross Section



130

Incident Energy (MeV)

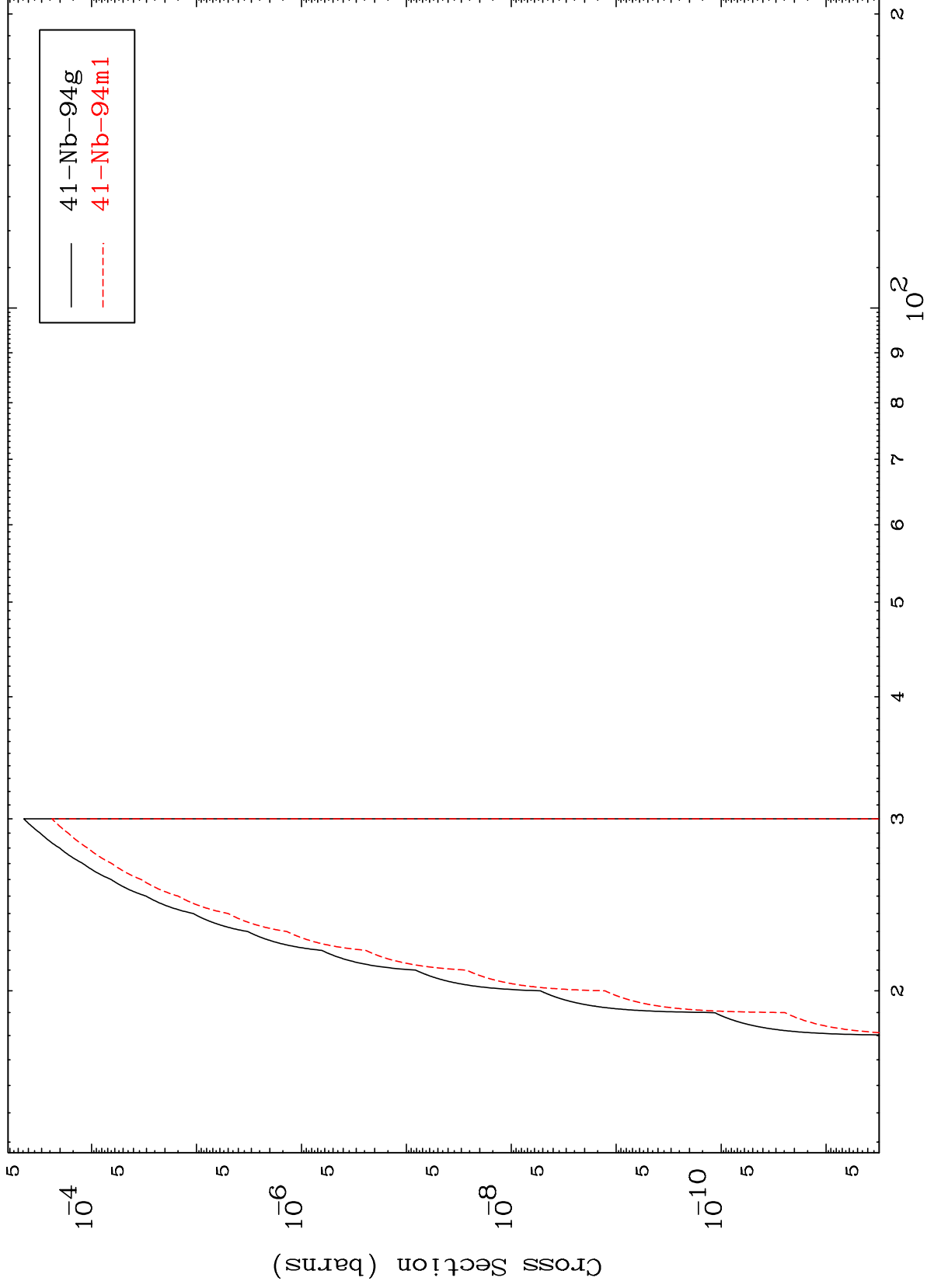
43-Tc-96

MAT 4316

(n,2n) p

43-Tc-96

Radionuclide Production Cross Section



131

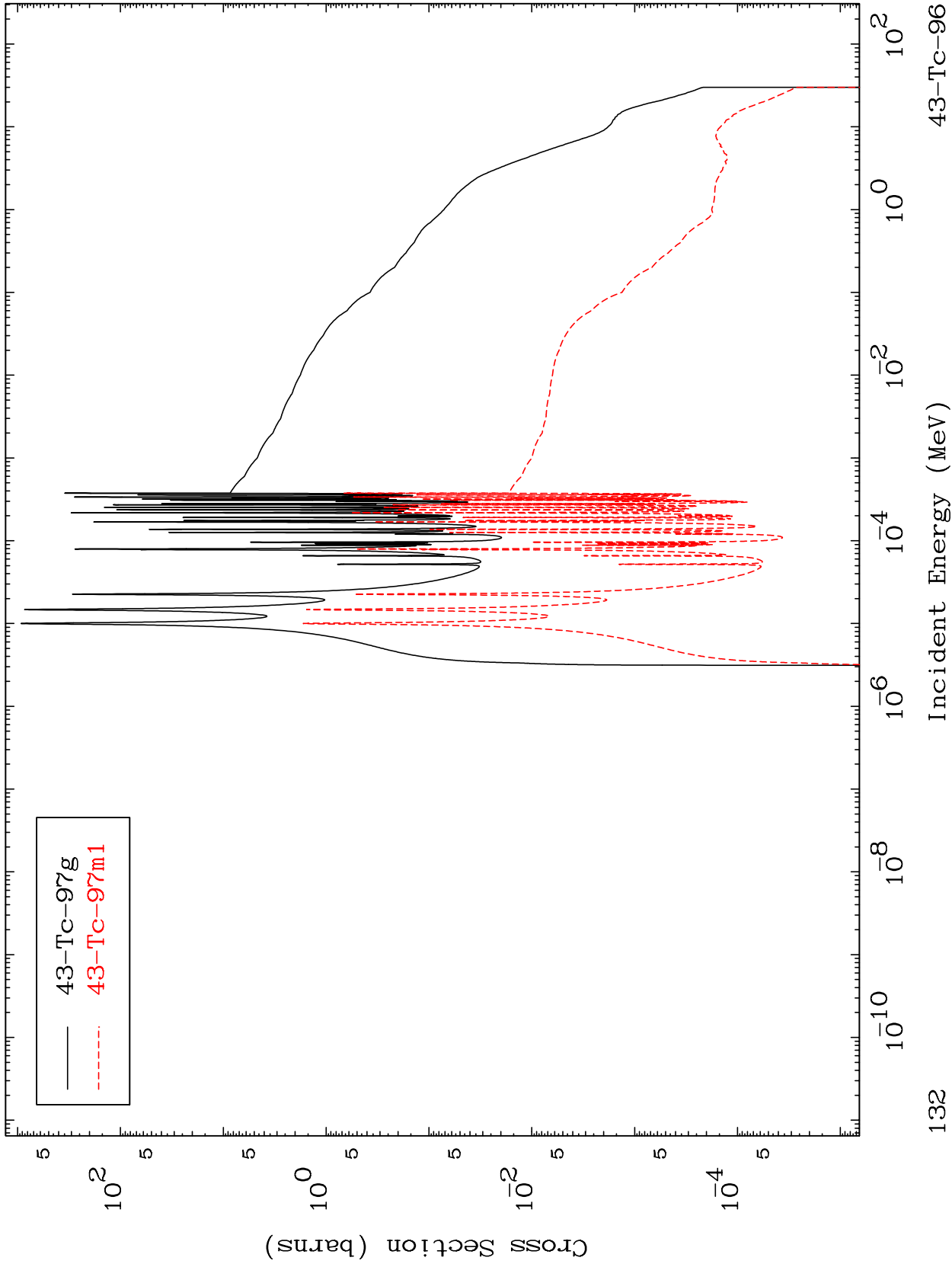
Incident Energy (MeV)

43-Tc-96

MAT 4316

43-Tc-96

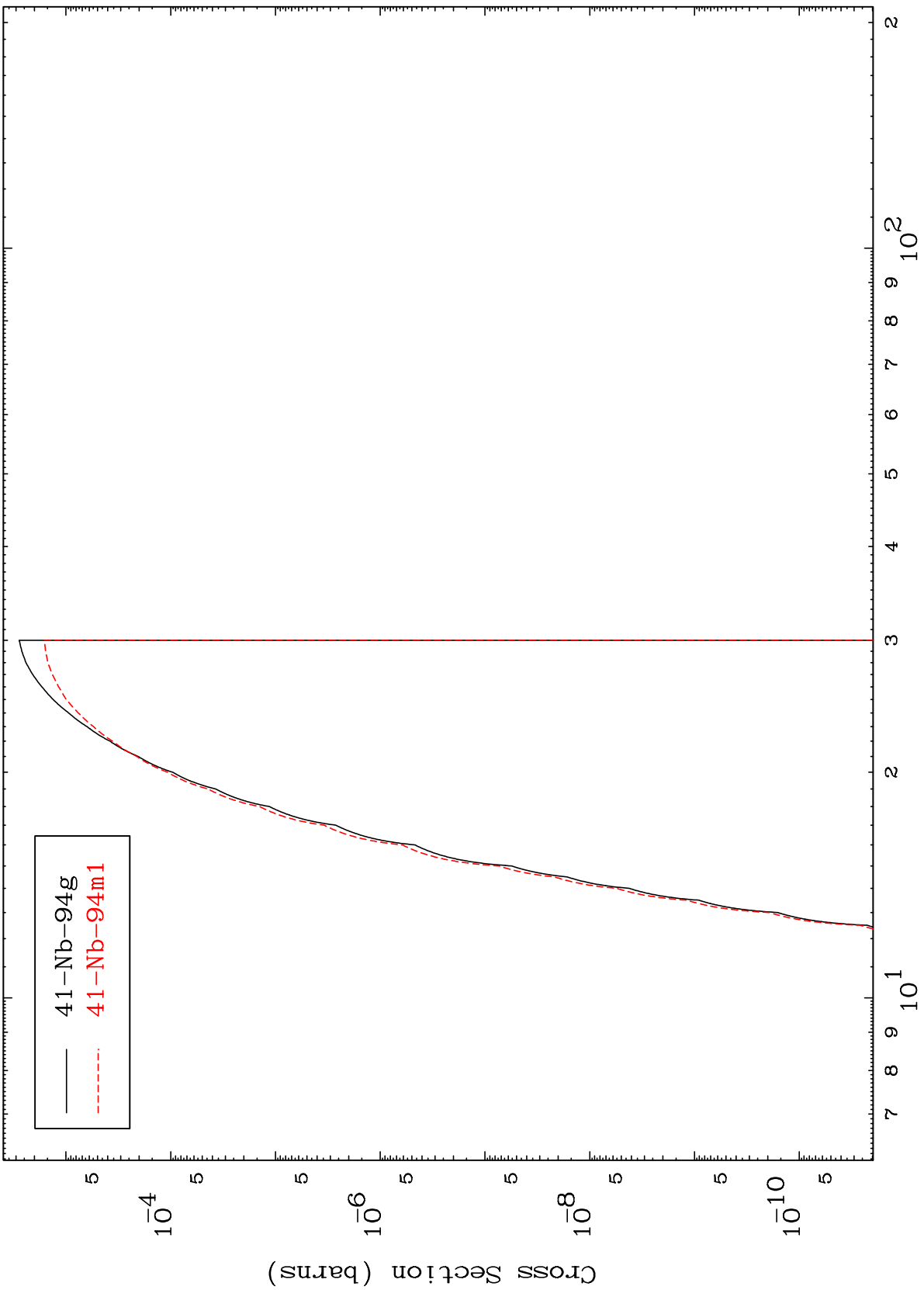
(n, γ)
Radionuclide Production Cross Section



MAT 4316

43-Tc-96

Radionuclide Production Cross Section (n,He-3)



Legend:
— 41-Nb-94g
- - - 41-Nb-94m1

133

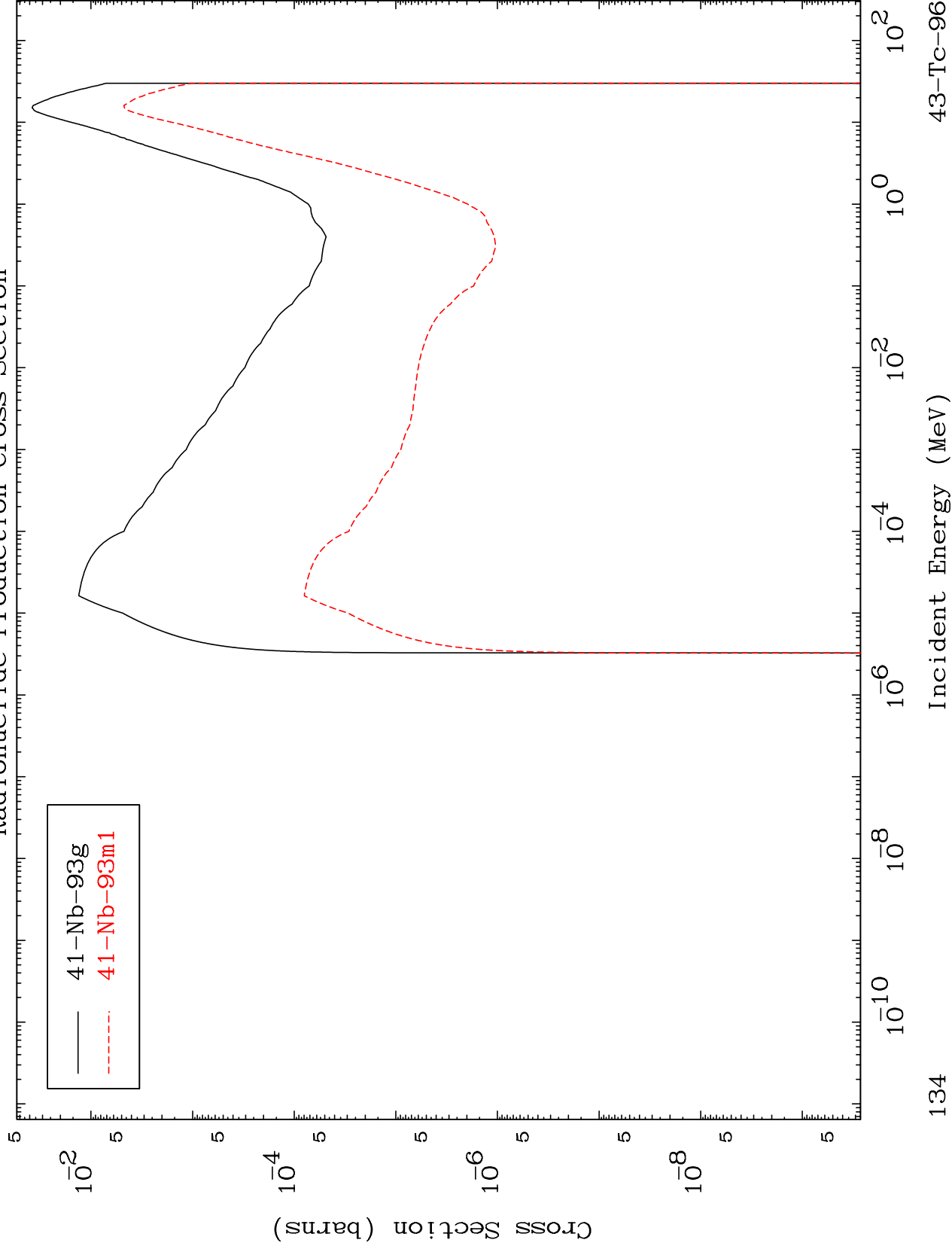
Incident Energy (MeV)

43-Tc-96

MAT 4316

43-Tc-96

(n, α)
Radionuclide Production Cross Section



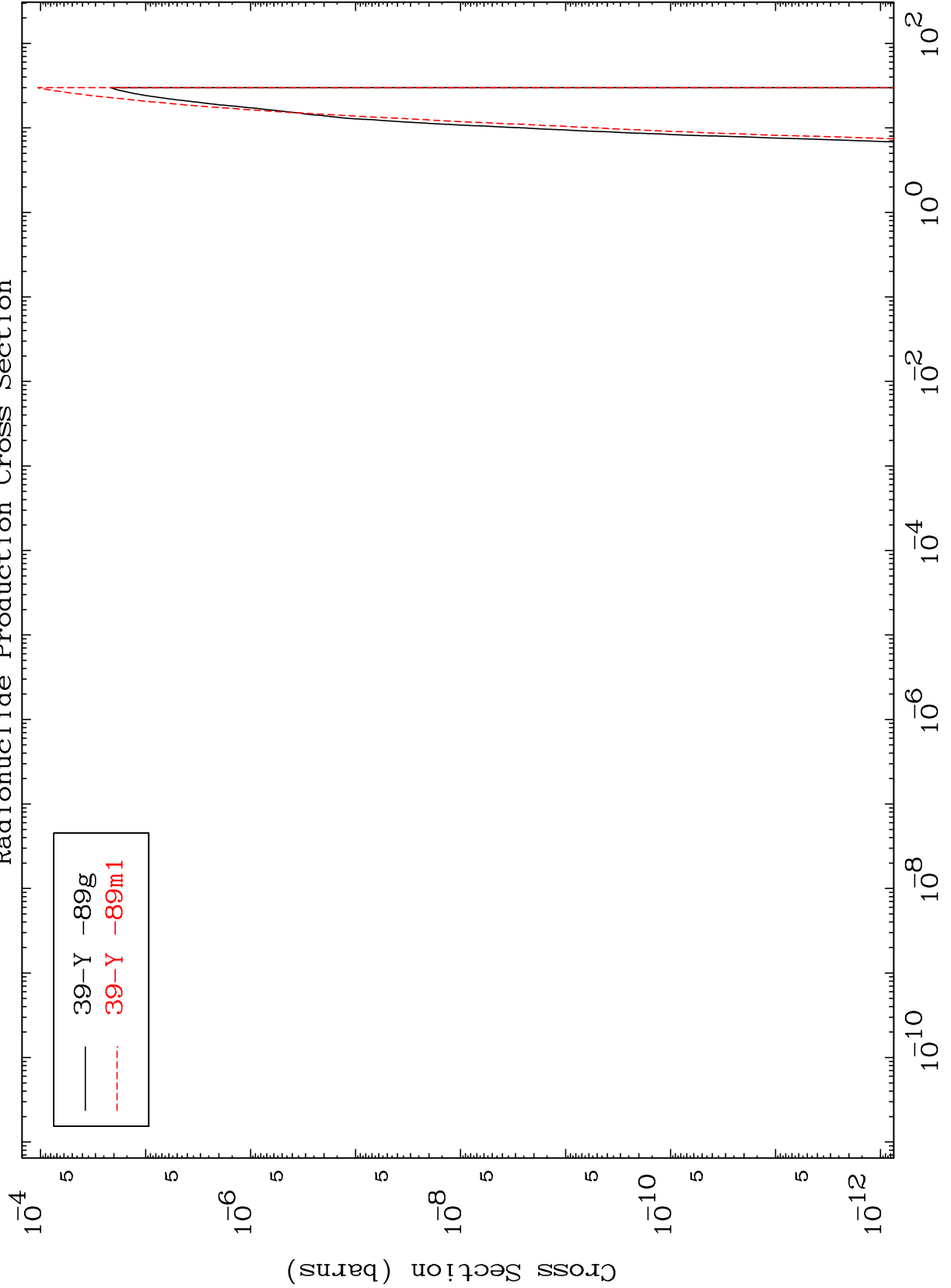
134

MAT 4316

(n,2α)

43-Tc-96

Radionuclide Production Cross Section

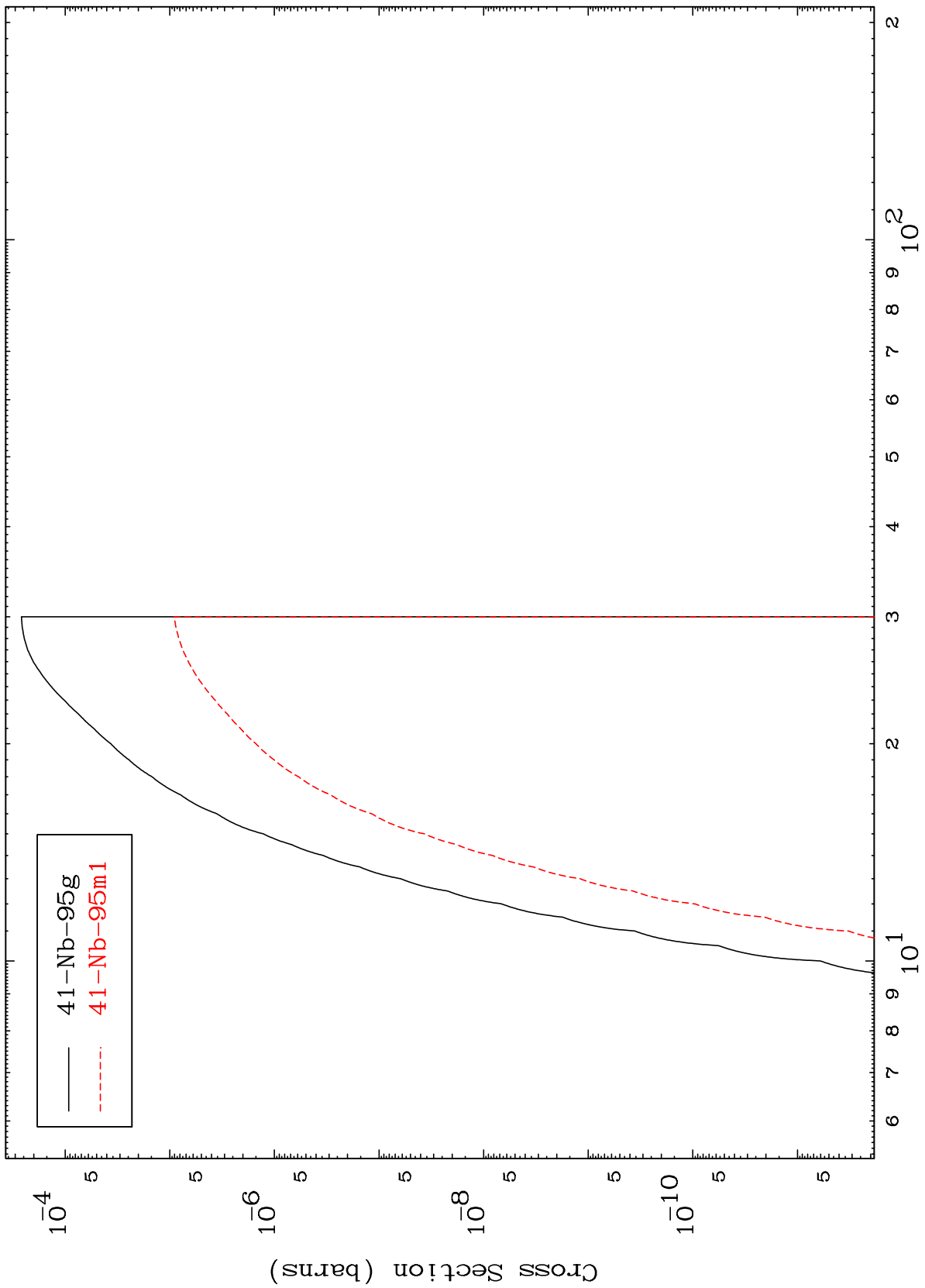


135

Incident Energy (MeV)

43-Tc-96

(n,2p)
Radionuclide Production Cross Section

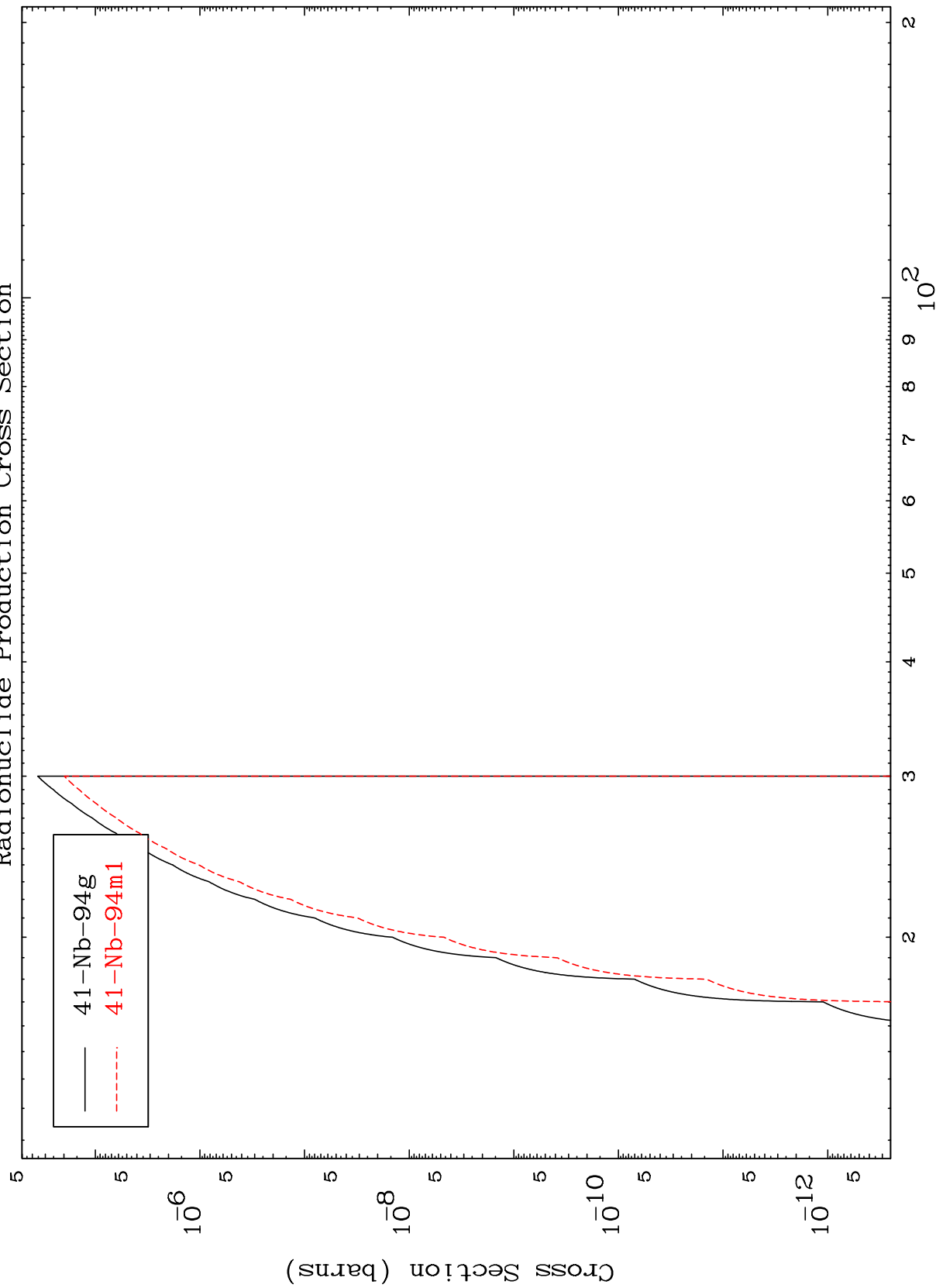


MAT 4316

(n,p) d

43-Tc-96

Radionuclide Production Cross Section



137

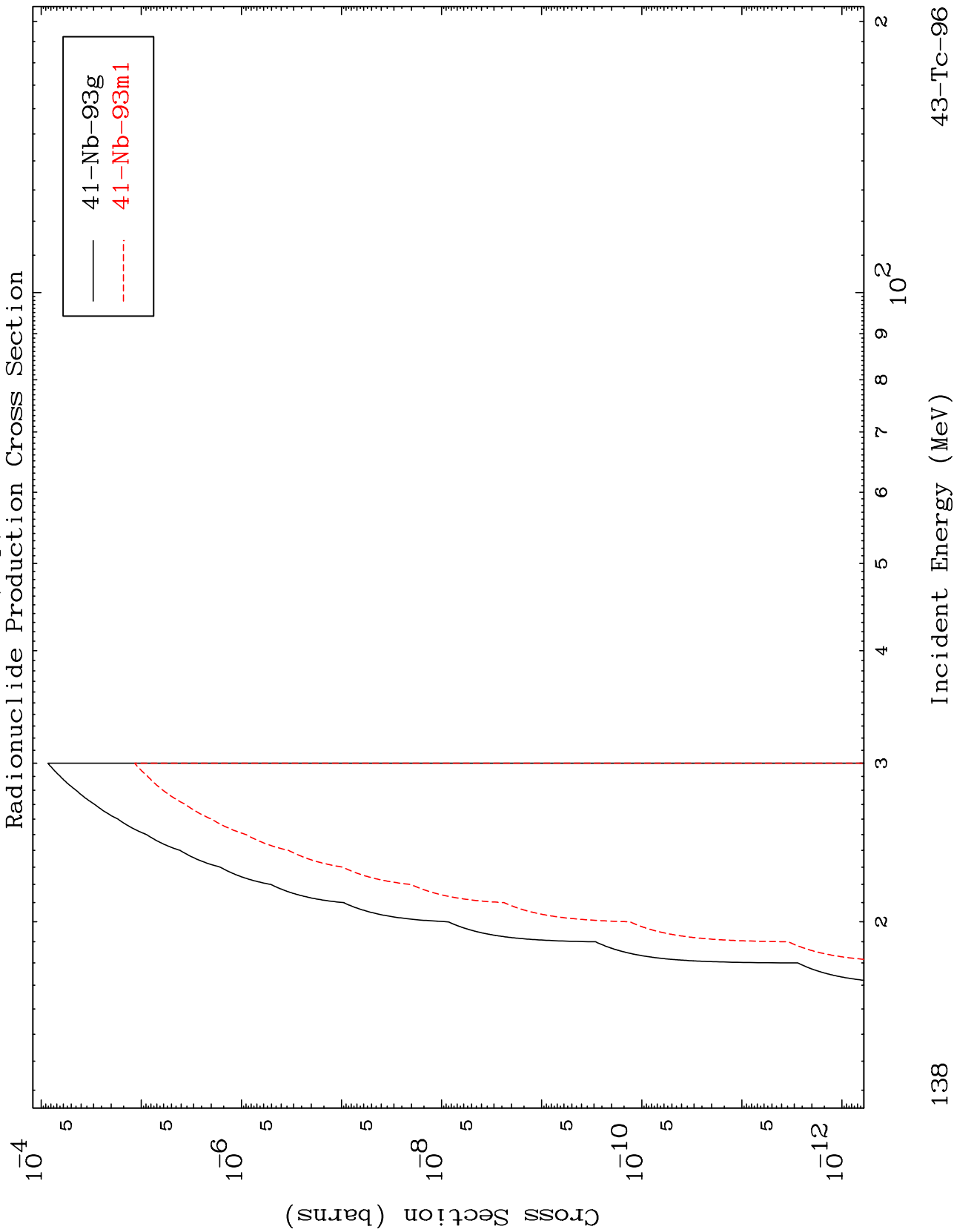
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,p) t

43-Tc-96



138

Incident Energy (MeV)

43-Tc-96