

Program EVALPLOT
(Version 2017-1)

by

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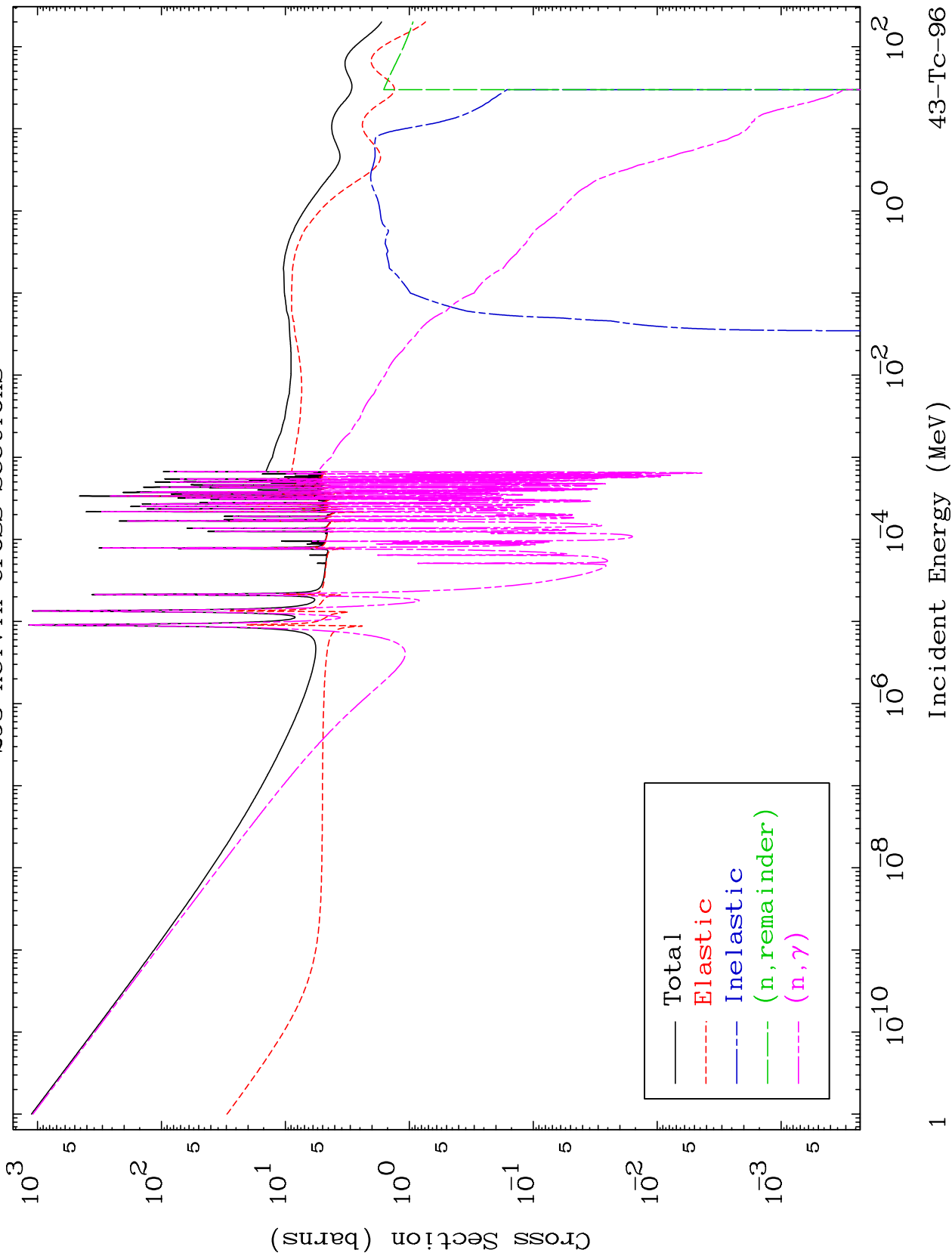
Press Mouse Button to Start

MAT 4316

Major

293 Kelvin Cross Sections

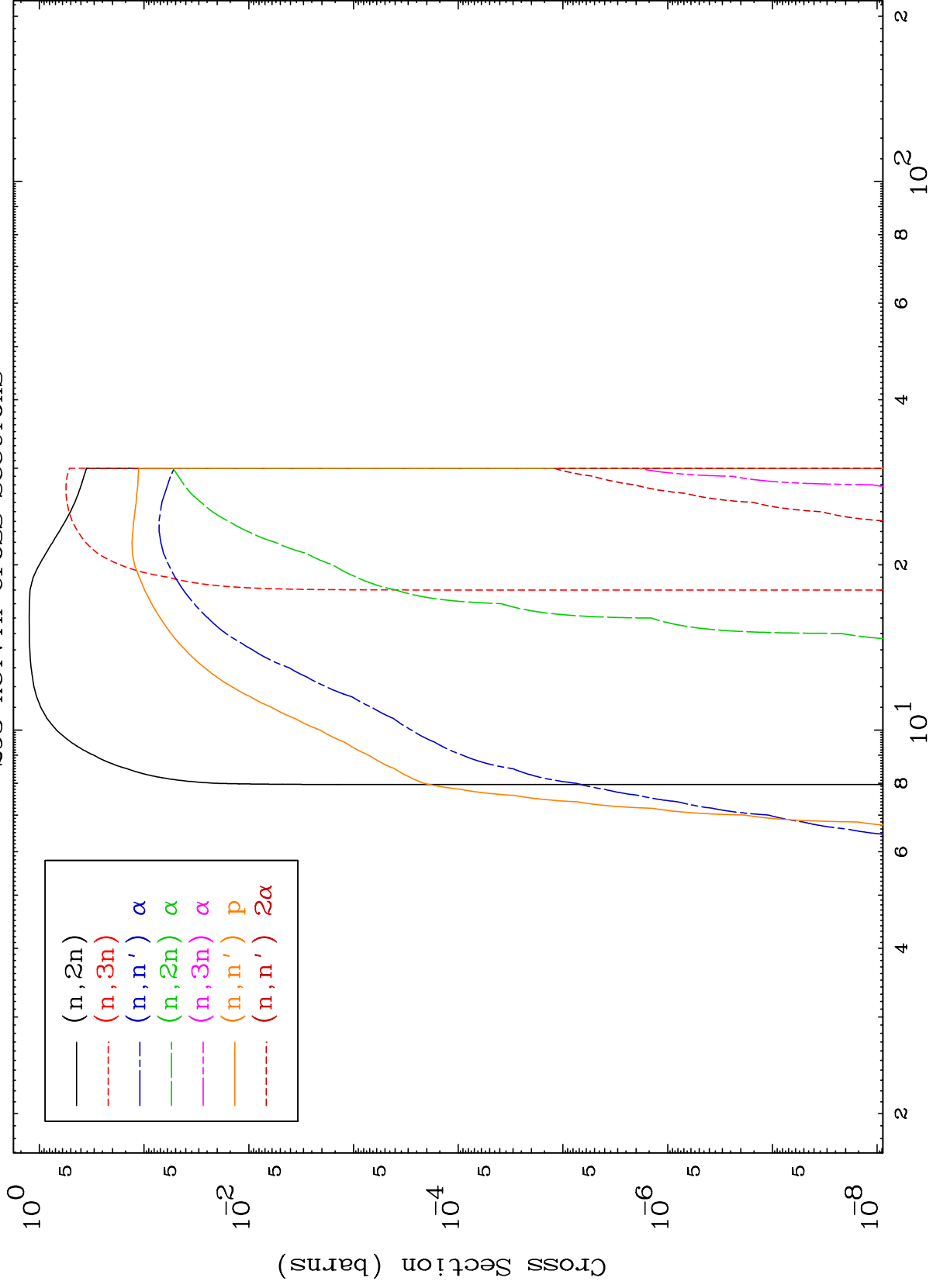
43-Tc-96



MAT 4316

Neutron Production
293 Kelvin Cross Sections

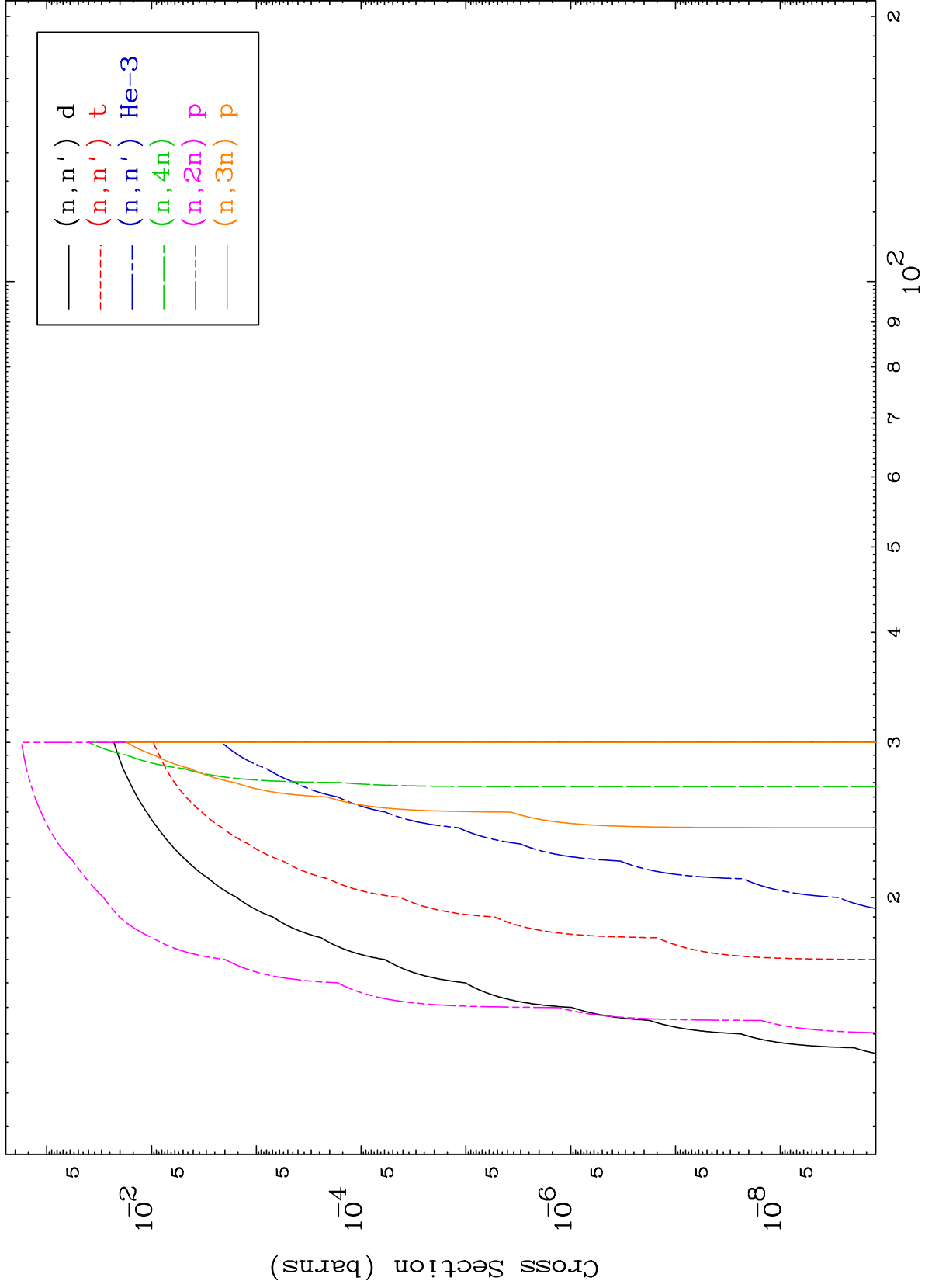
43-Tc-96



2

Incident Energy (MeV)

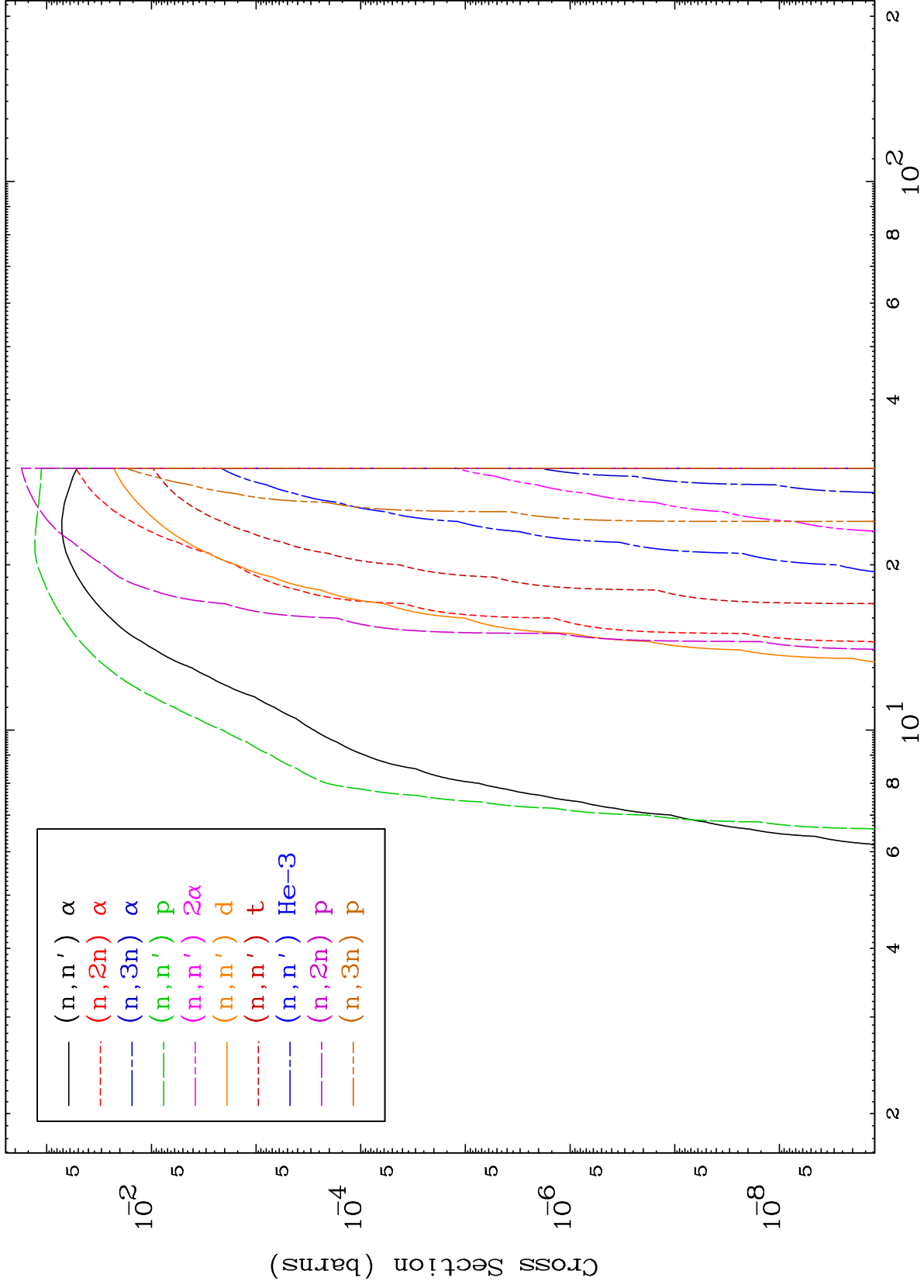
43-Tc-96



MAT 4316

Charged Particle
293 Kelvin Cross Sections

43-Tc-96



4

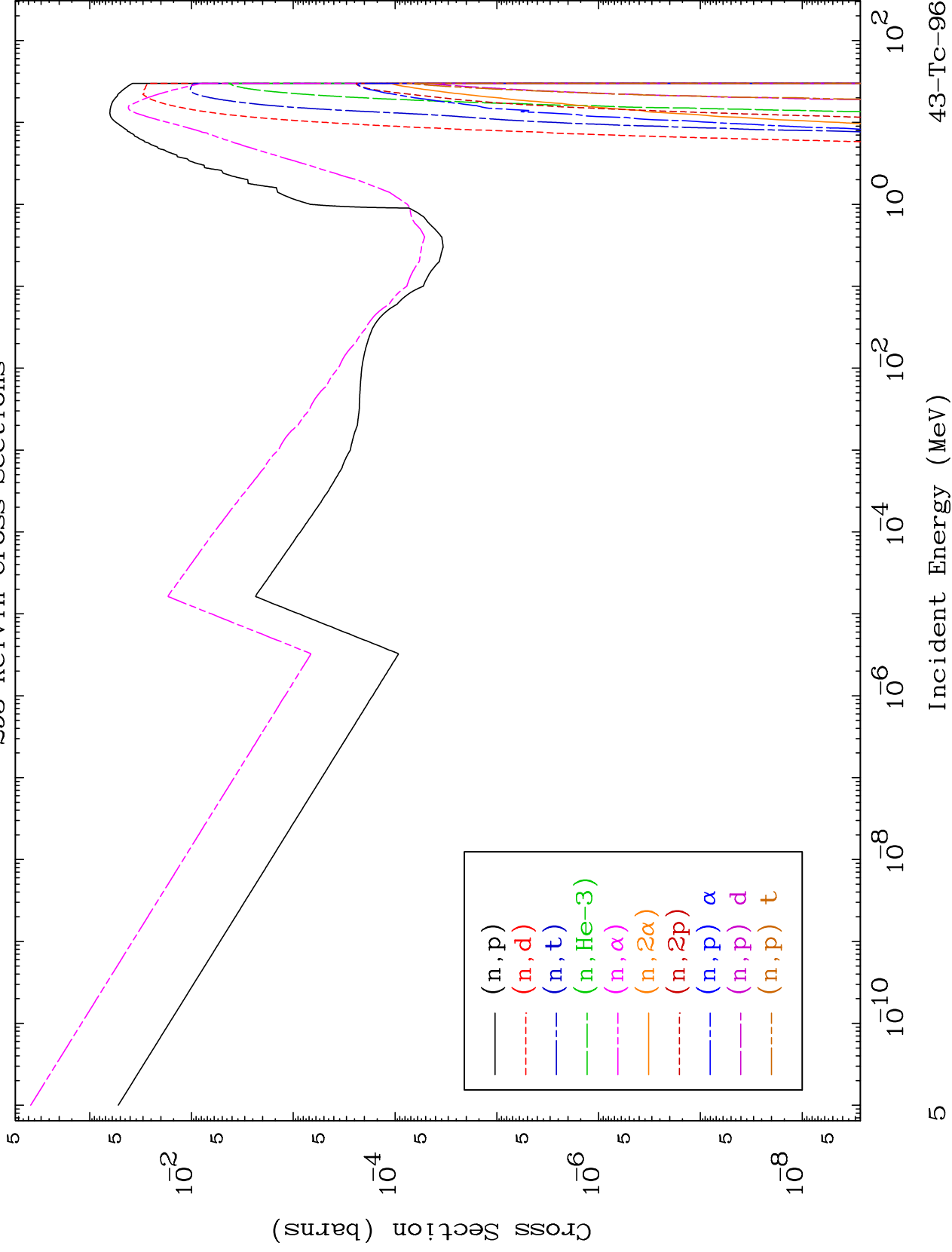
Incident Energy (MeV)

43-Tc-96

MAT 4316

Charged Particle
293 Kelvin Cross Sections

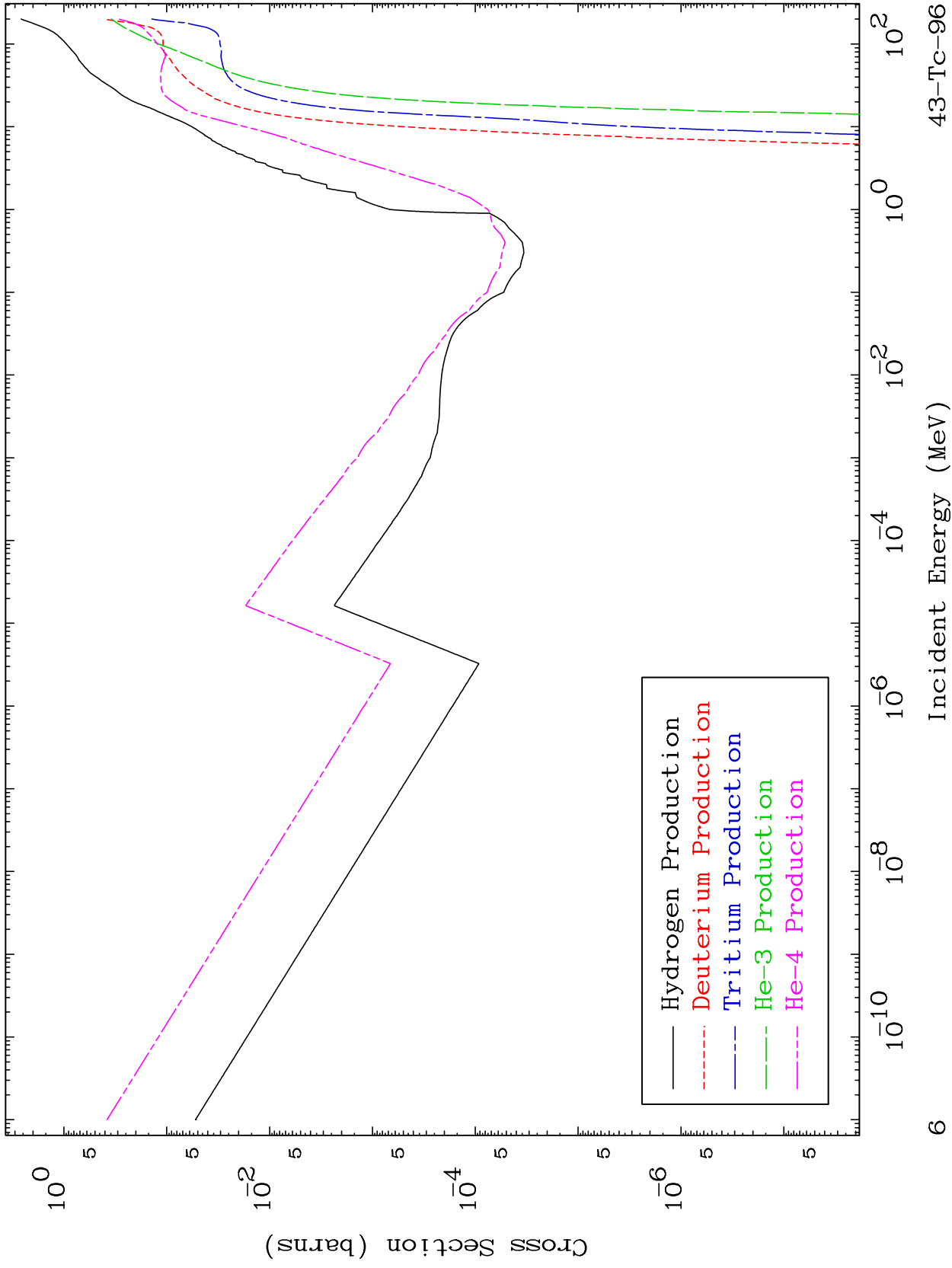
43-Tc-96



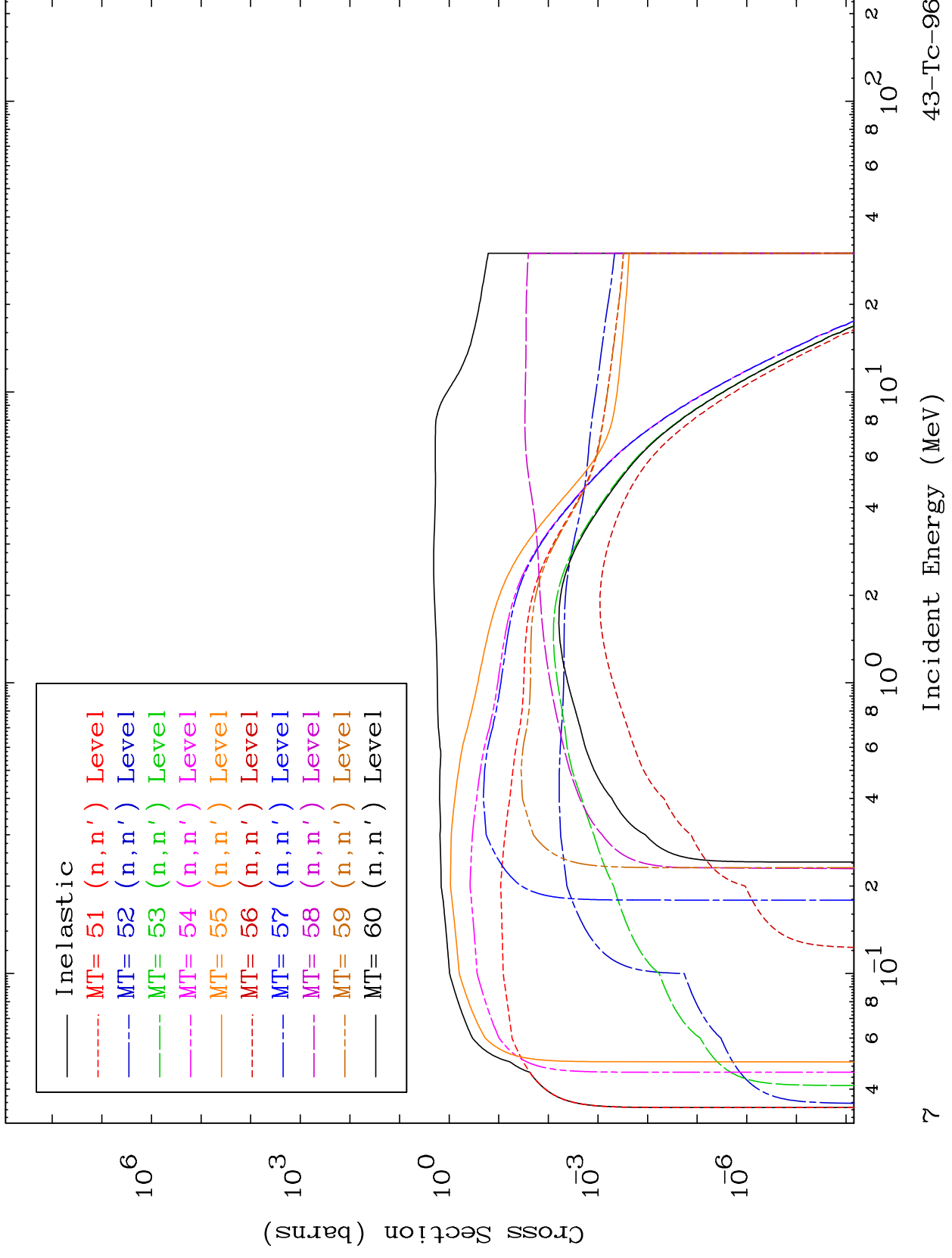
MAT 4316

Particle Production
293 Kelvin Cross Sections

43-Tc-96



293 Kelvin Cross Sections

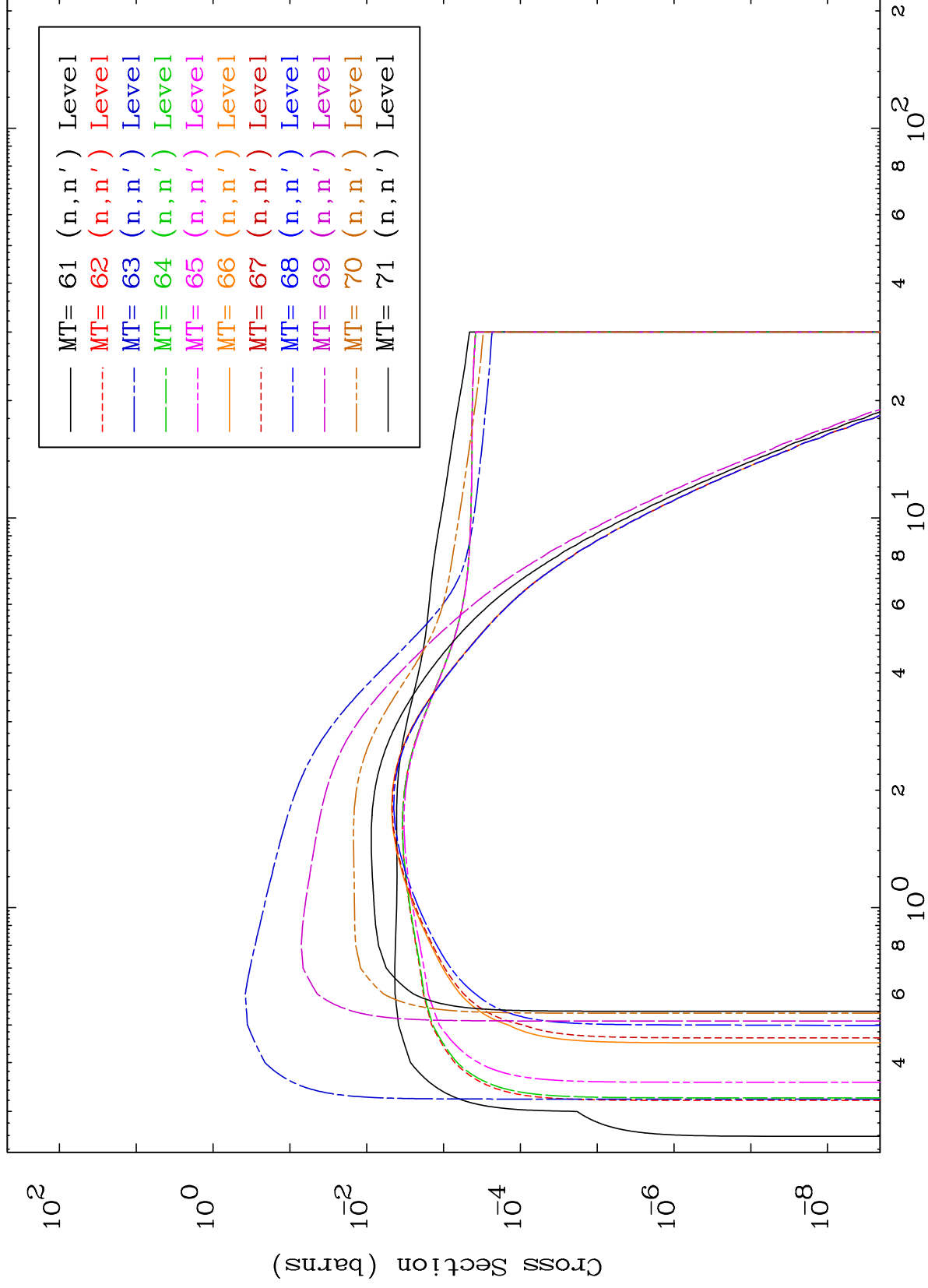


MAT 4316

(n,n') Level

43-Tc-96

293 Kelvin Cross Sections



8

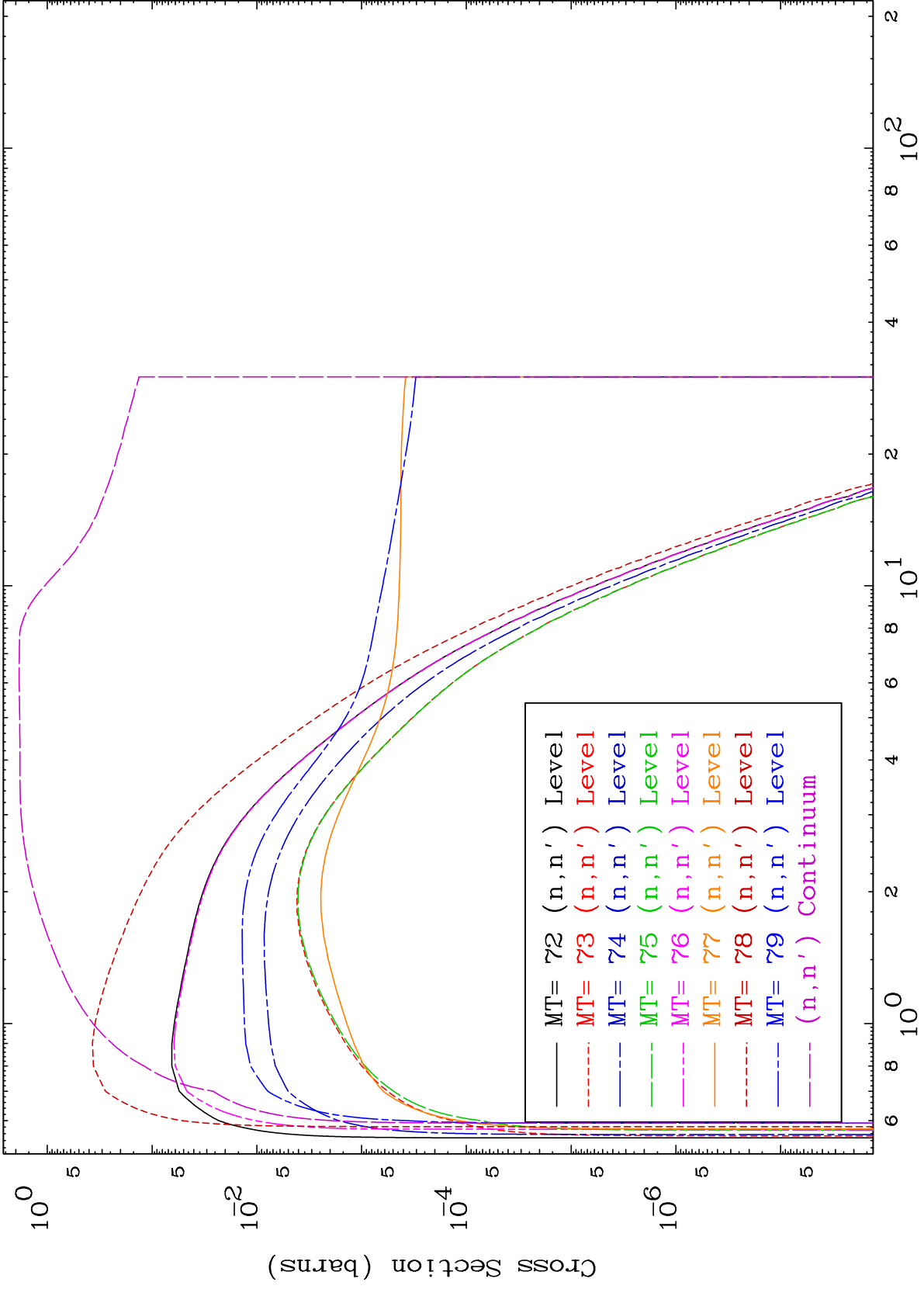
Incident Energy (MeV)

43-Tc-96

MAT 4316

293 Kelvin Cross Sections
(n,n') Level

43-Tc-96



9

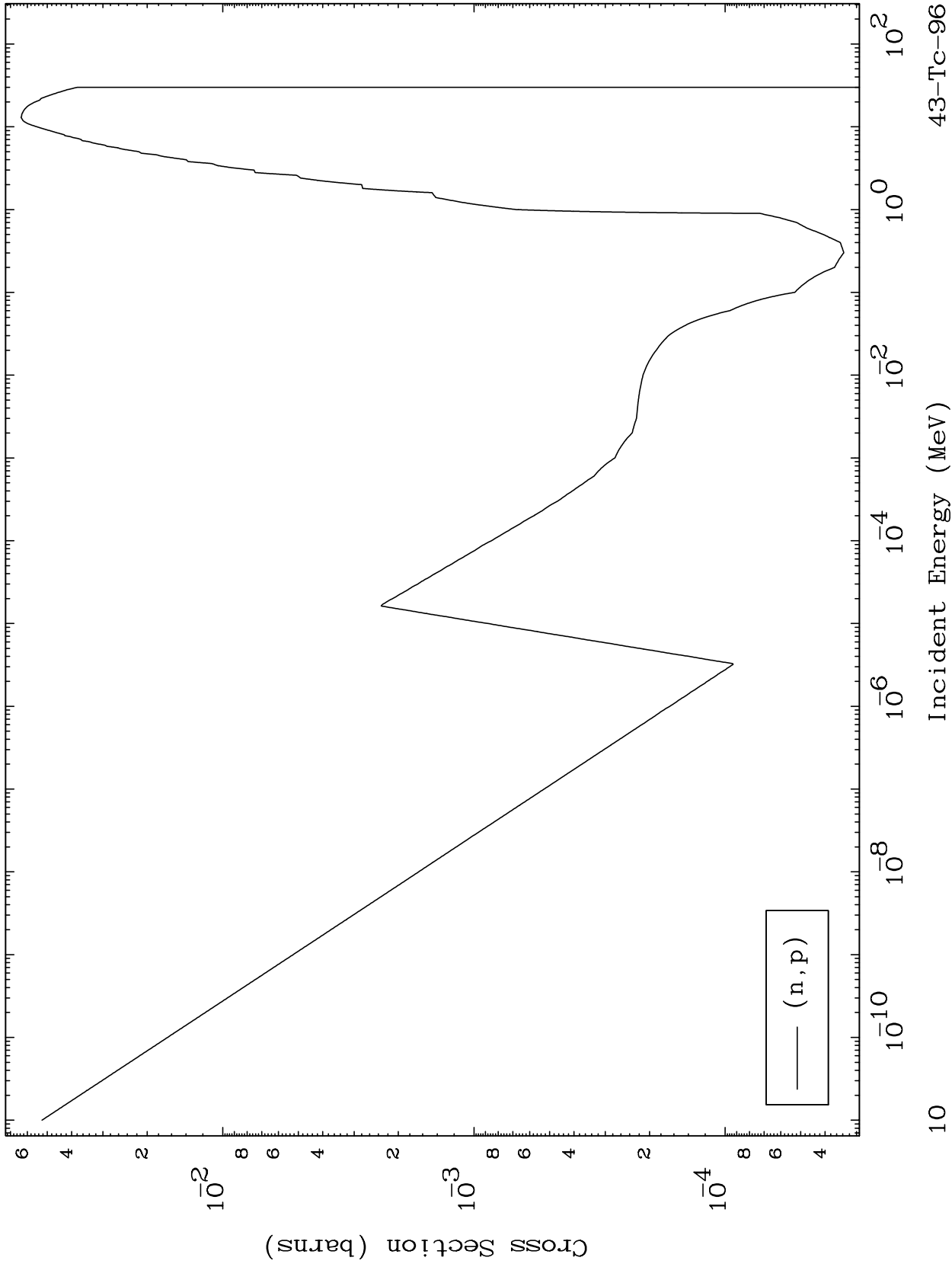
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-96



10

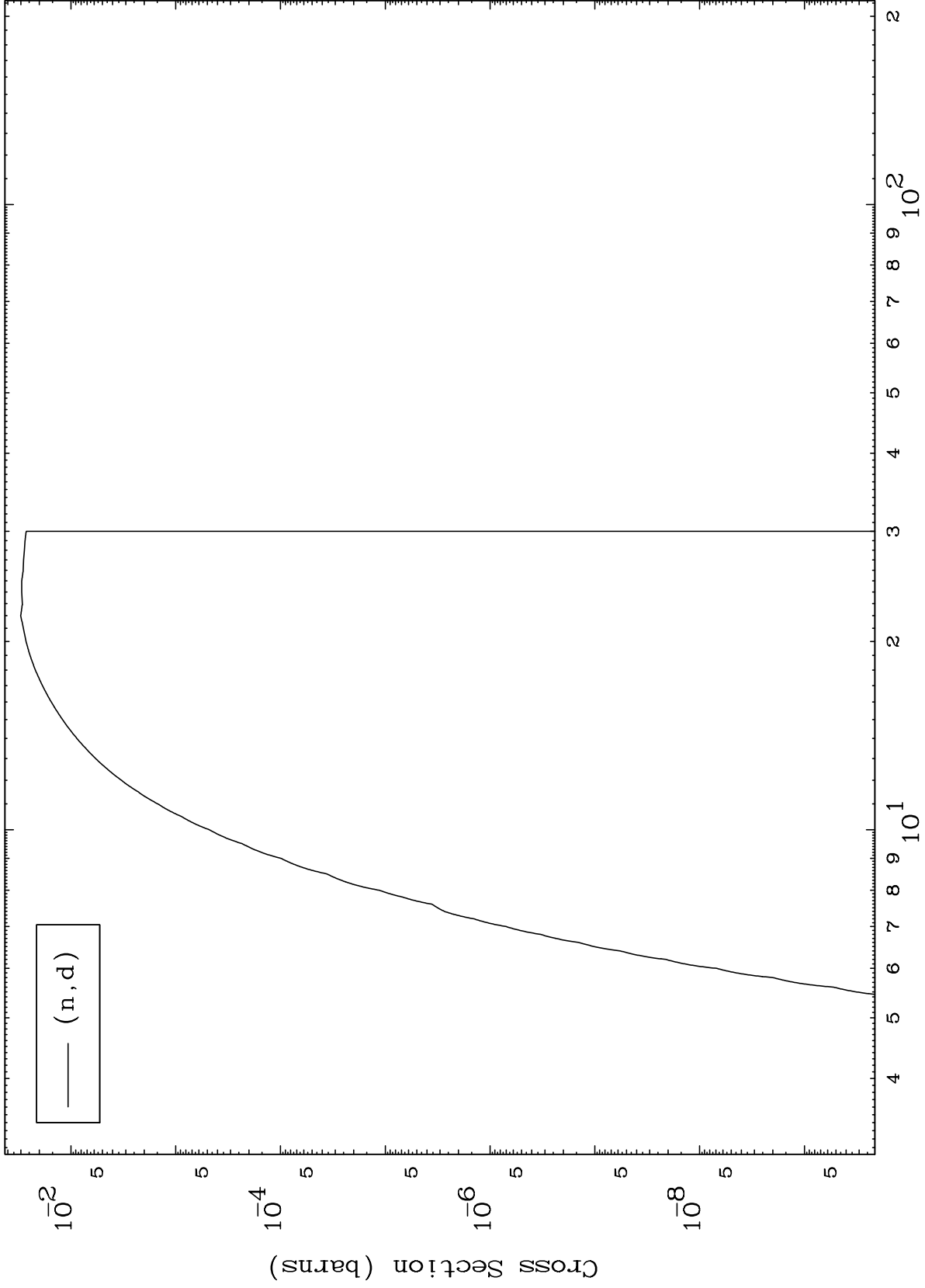
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,d) Levels
293 Kelvin Cross Sections

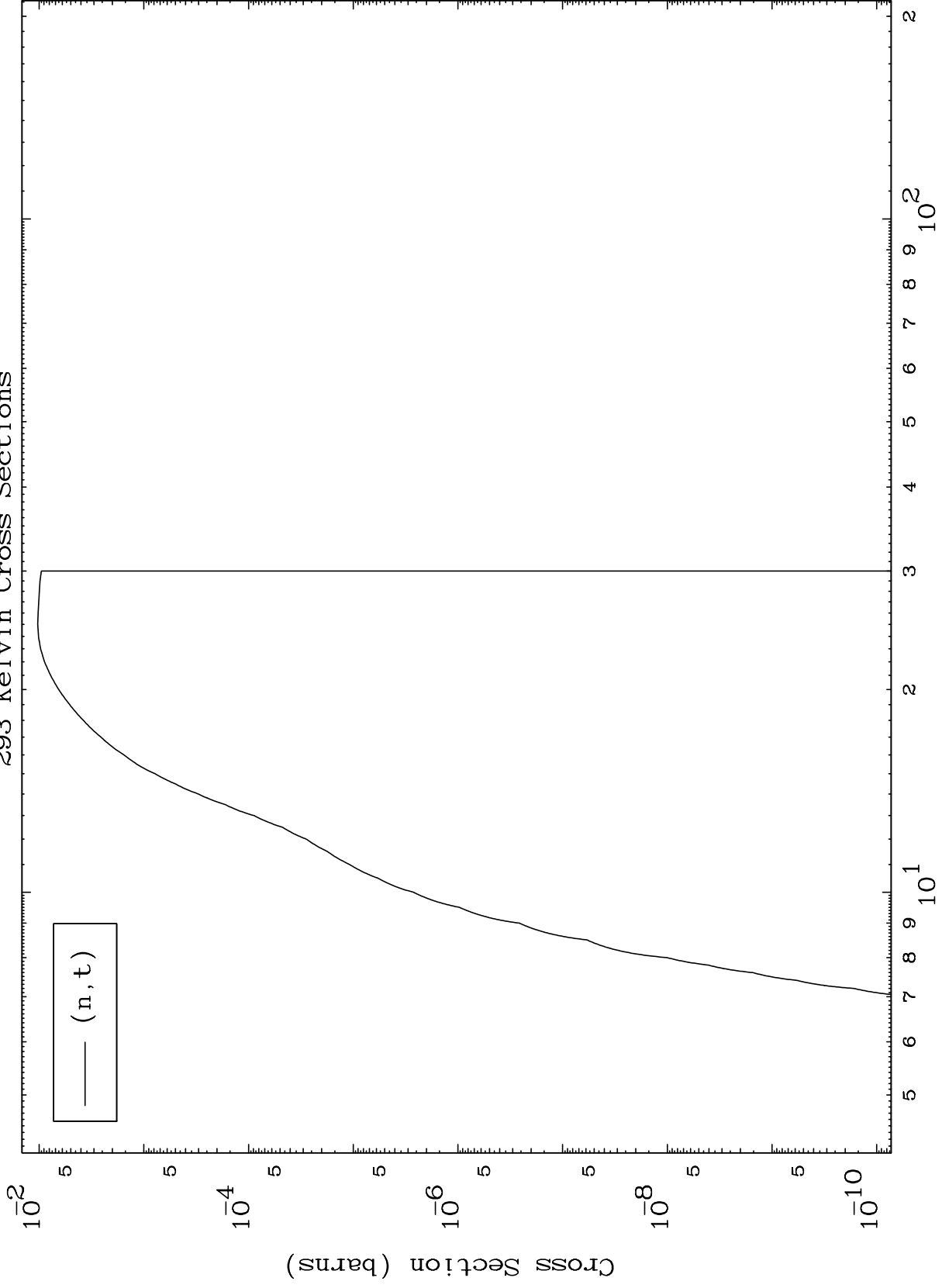
43-Tc-96



MAT 4316

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-96



12

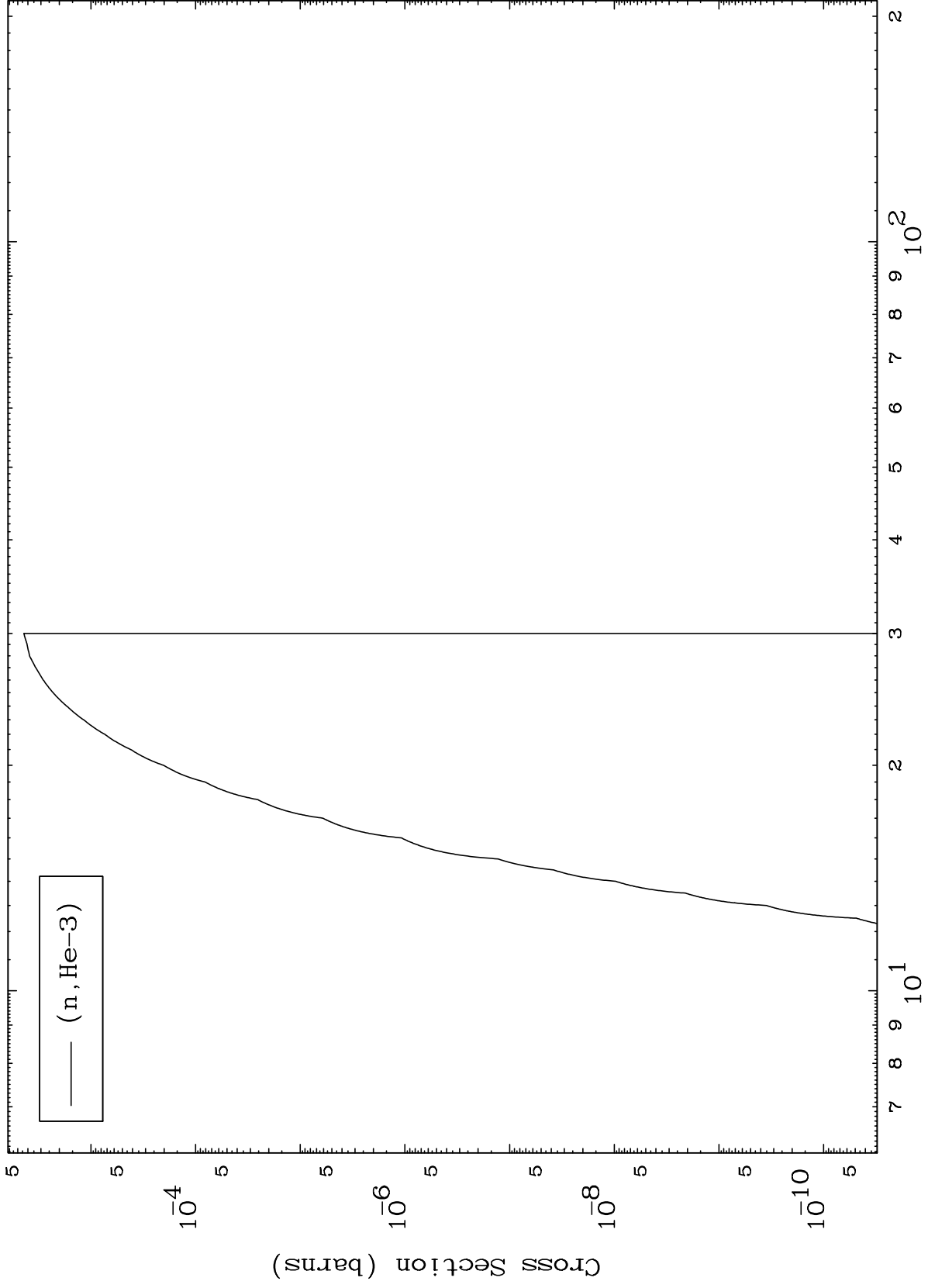
Incident Energy (MeV)

43-Tc-96

MAT 4316

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-96



13

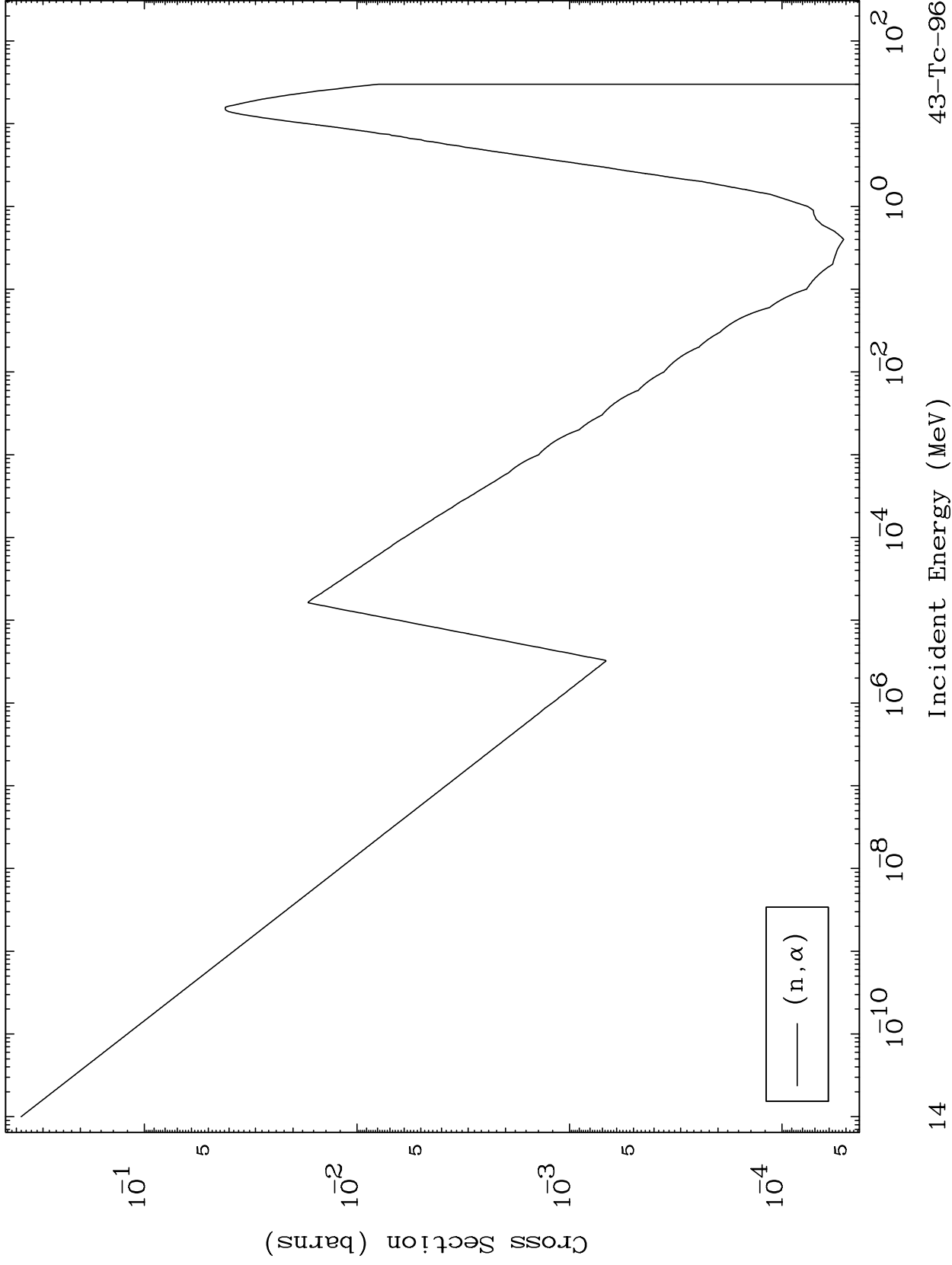
Incident Energy (MeV)

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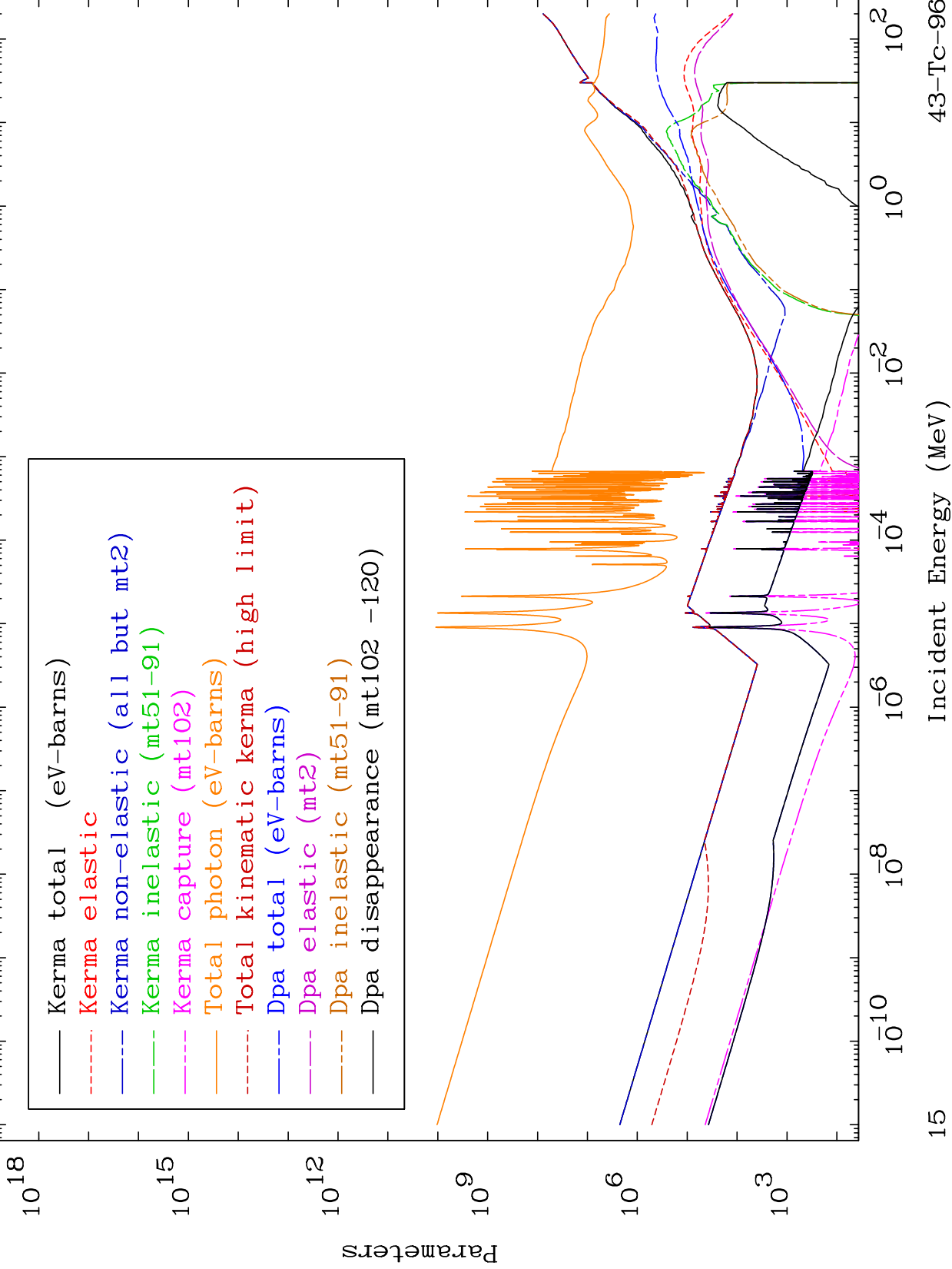
MAT 4316

(n,α) Levels
293 Kelvin Cross Sections

43-Tc-96



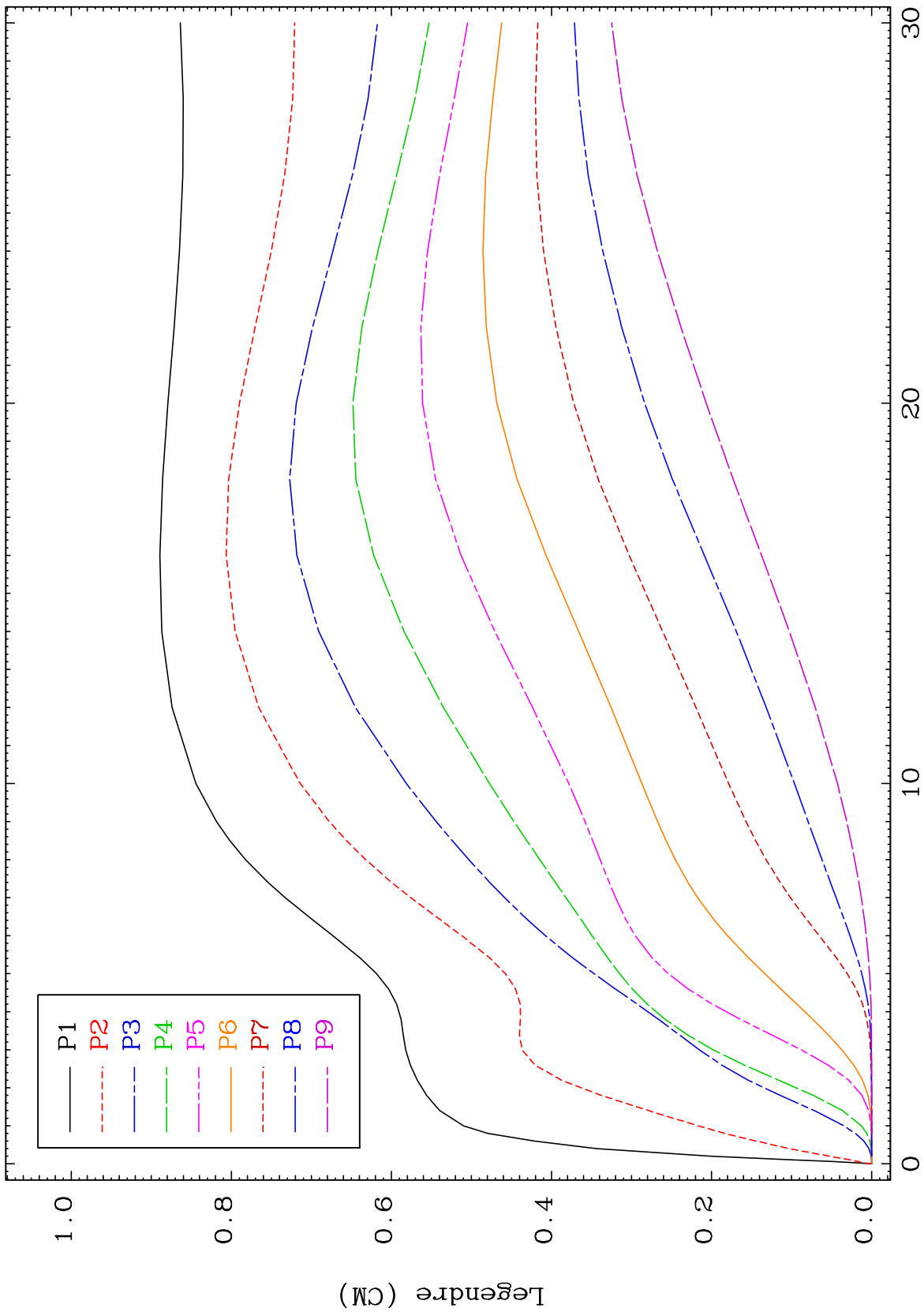
14



MAT 4316

Elastic Legendre Coefficients

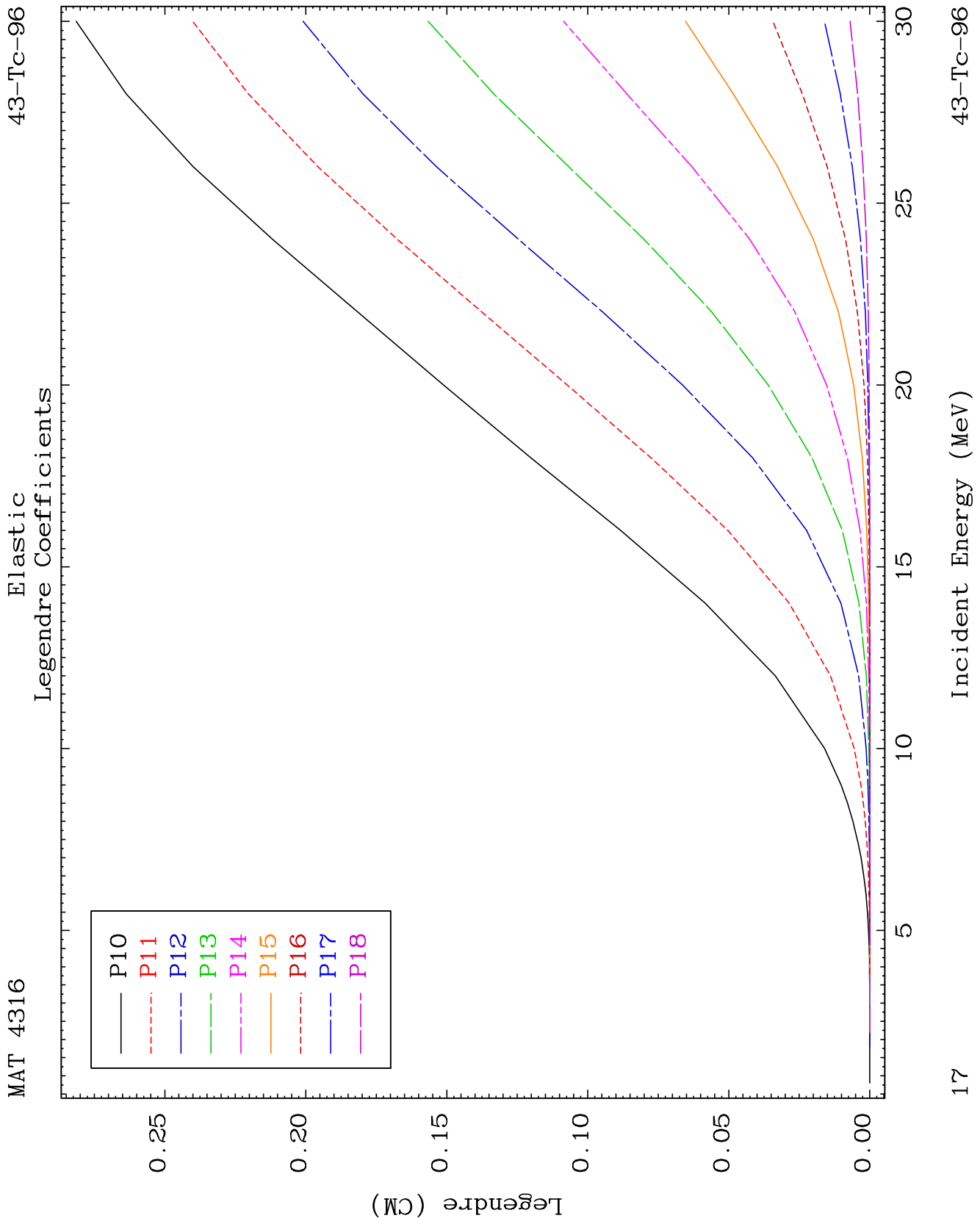
43-Tc-96



16

Incident Energy (MeV)

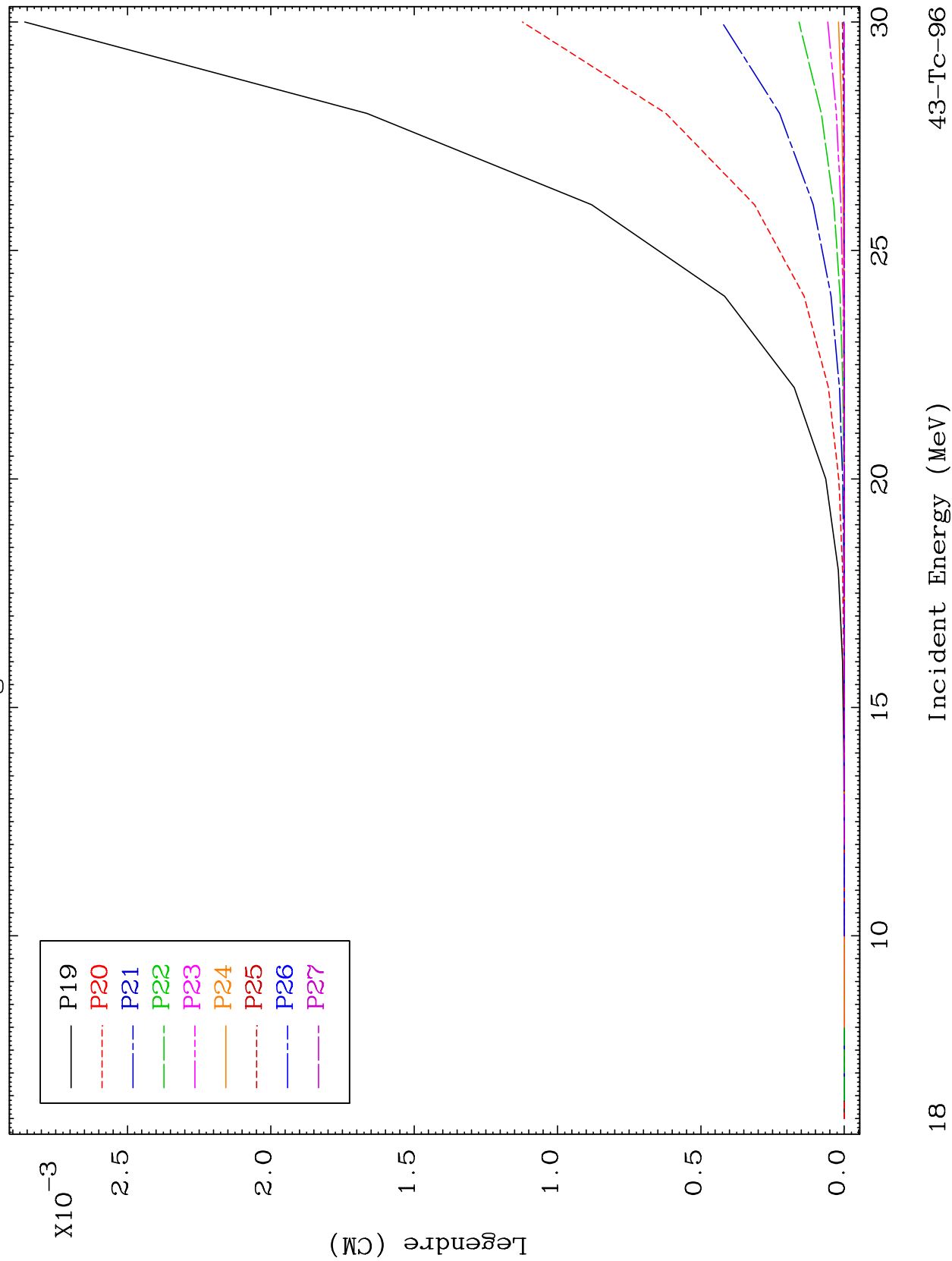
43-Tc-96



MAT 4316

Elastic
Legendre Coefficients

43-Tc-96



18

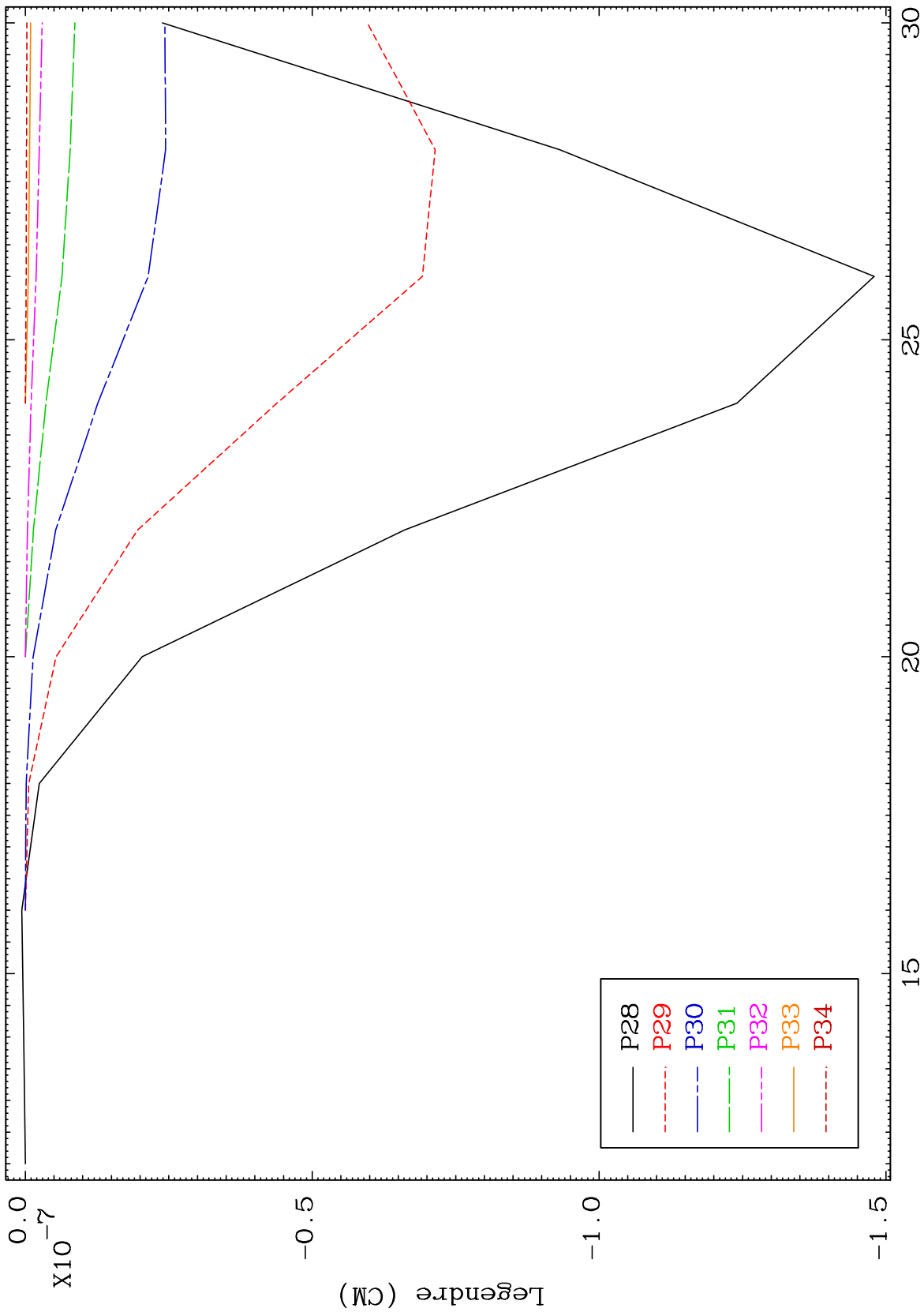
Incident Energy (MeV)

43-Tc-96

MAT 4316

43-Tc-96

Elastic Legendre Coefficients



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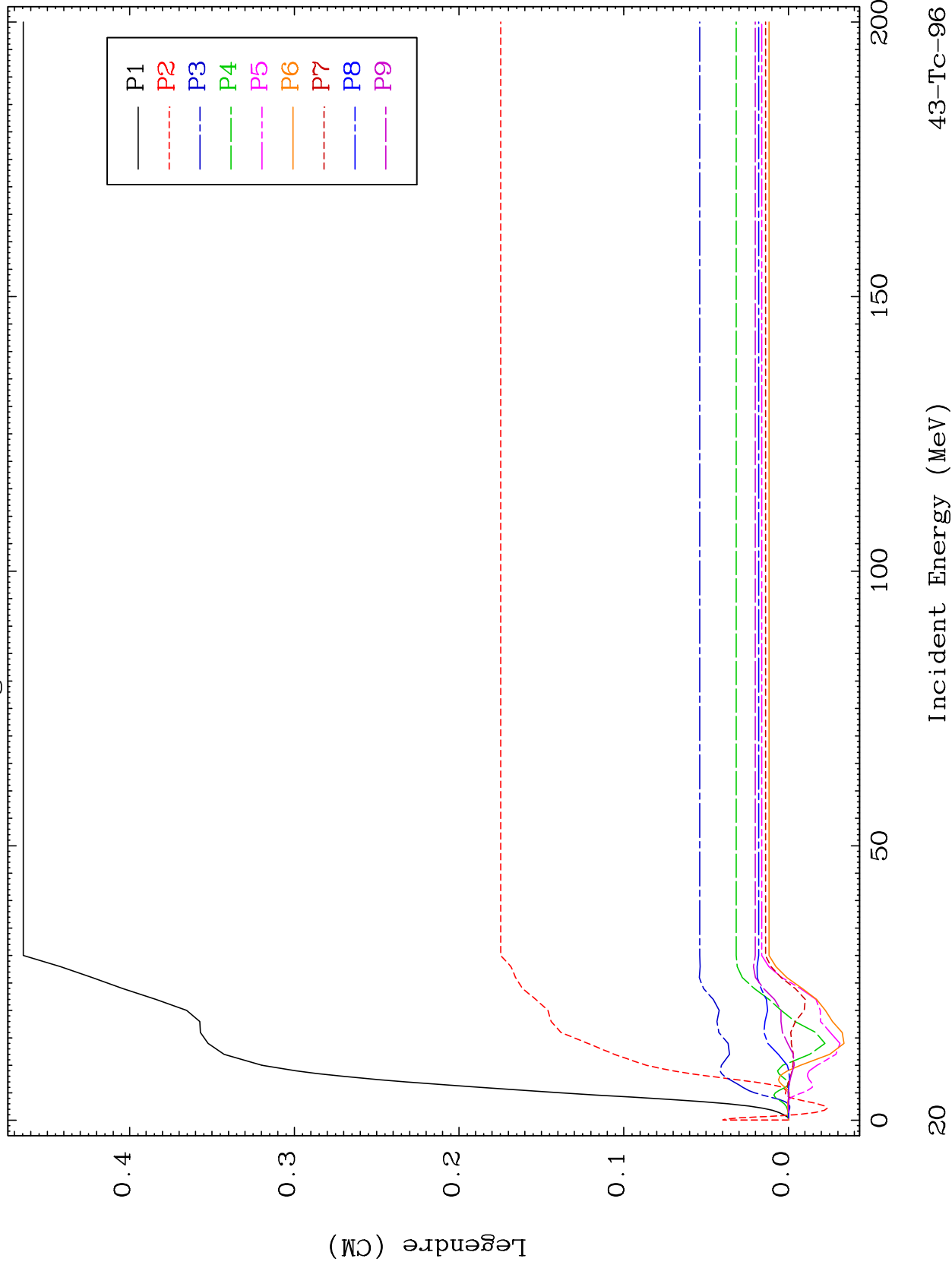
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96

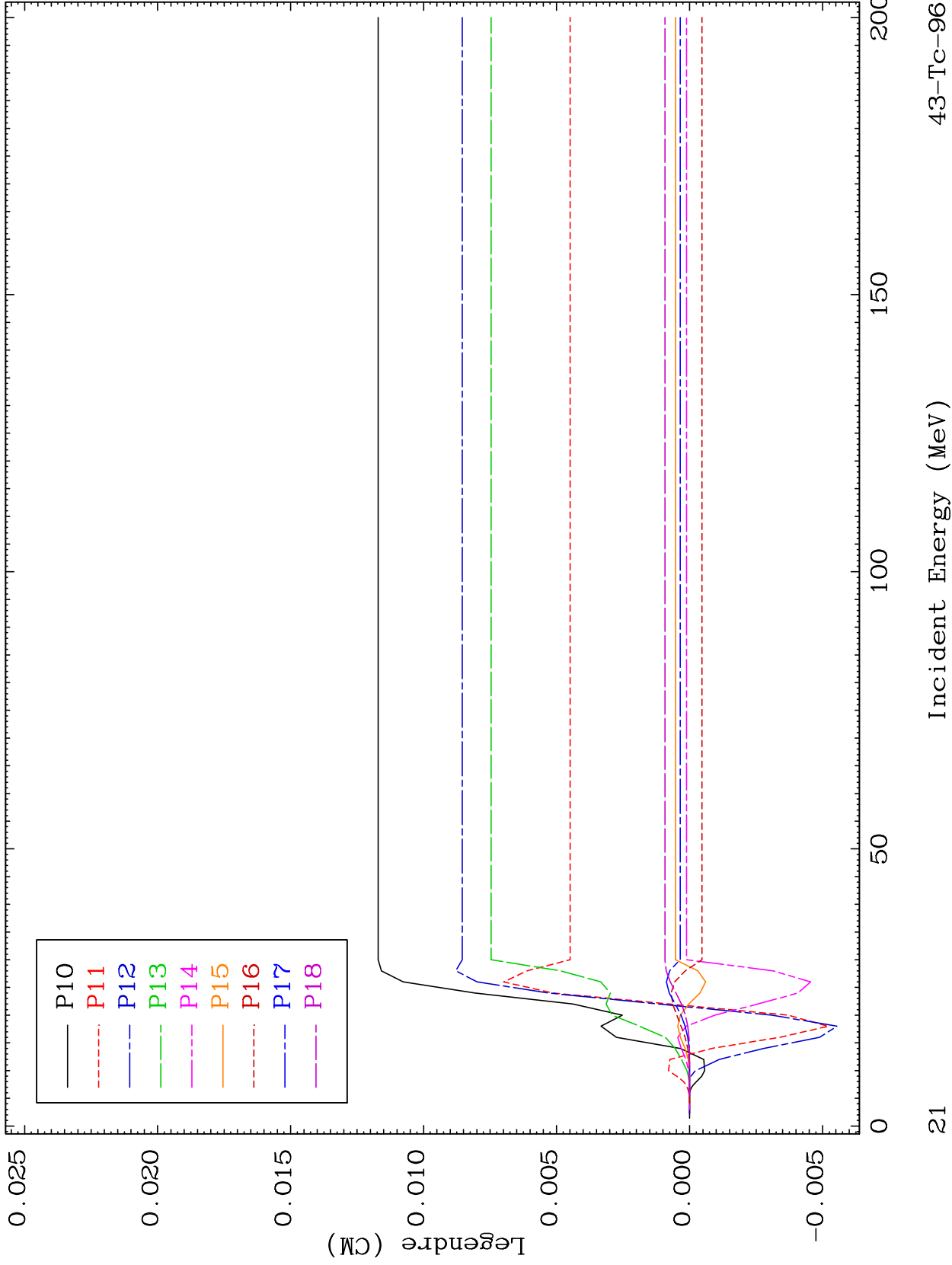


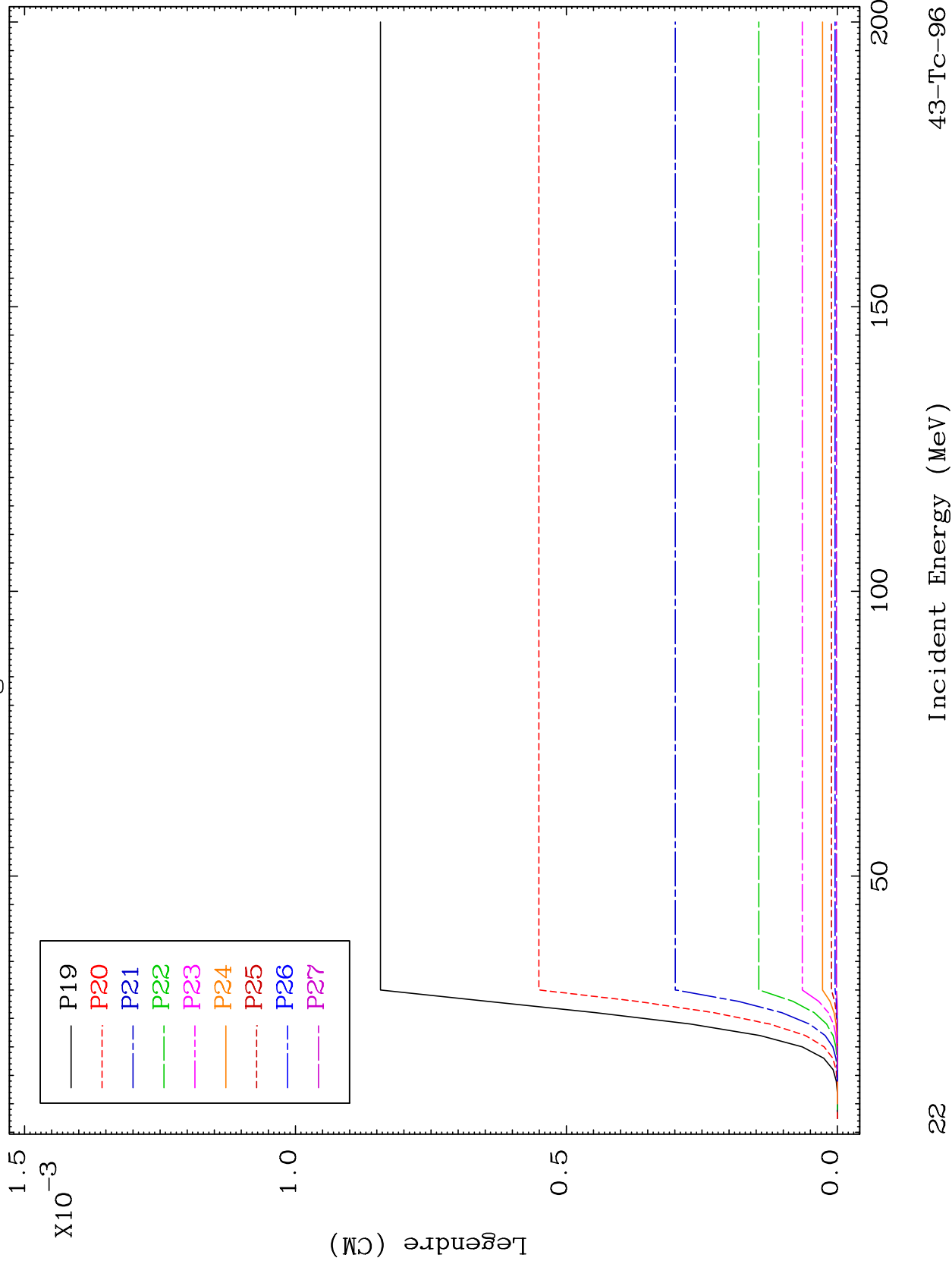
43-Tc-96

MAT 4316

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

43-Tc-96

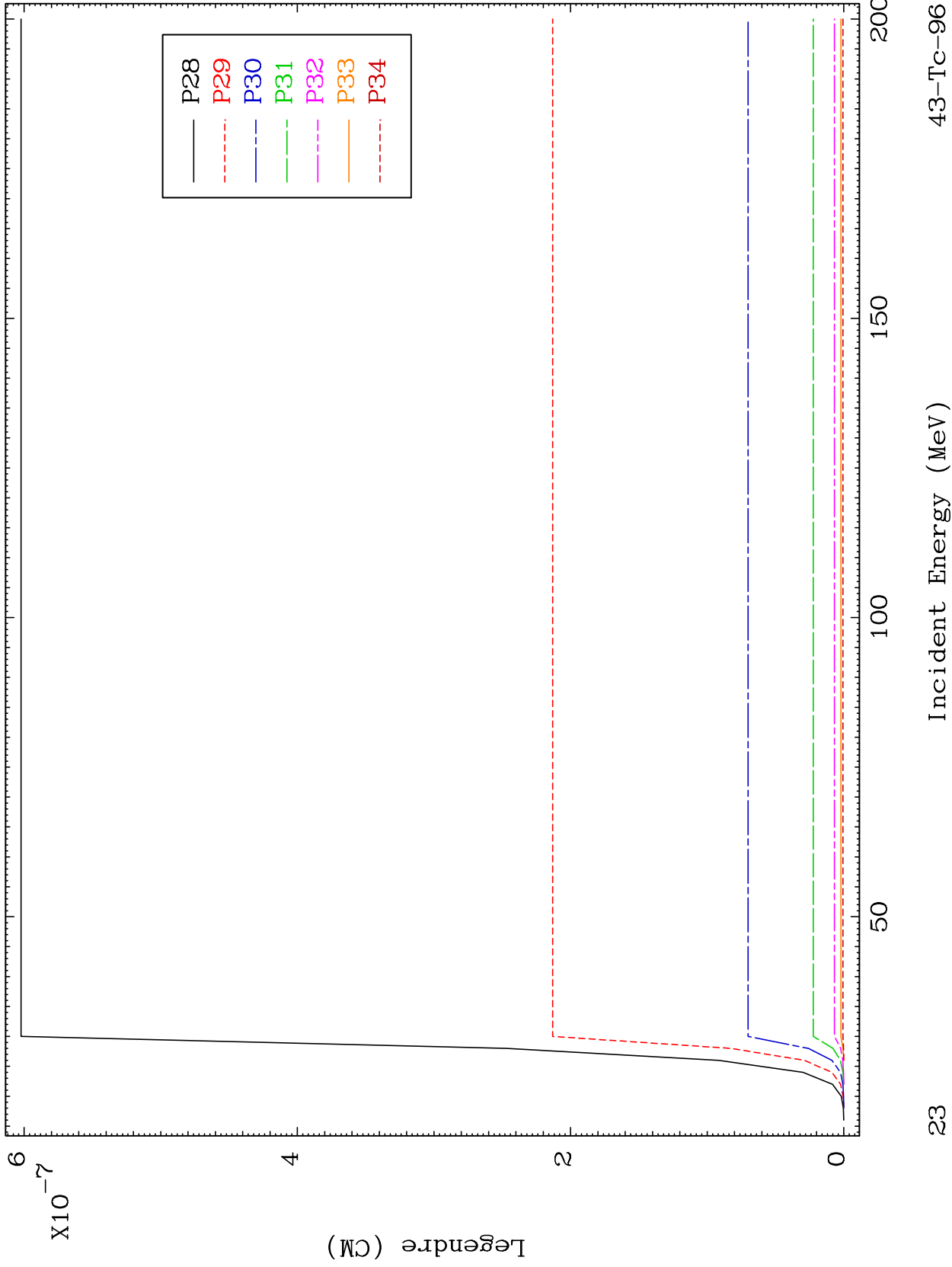




MAT 4316

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

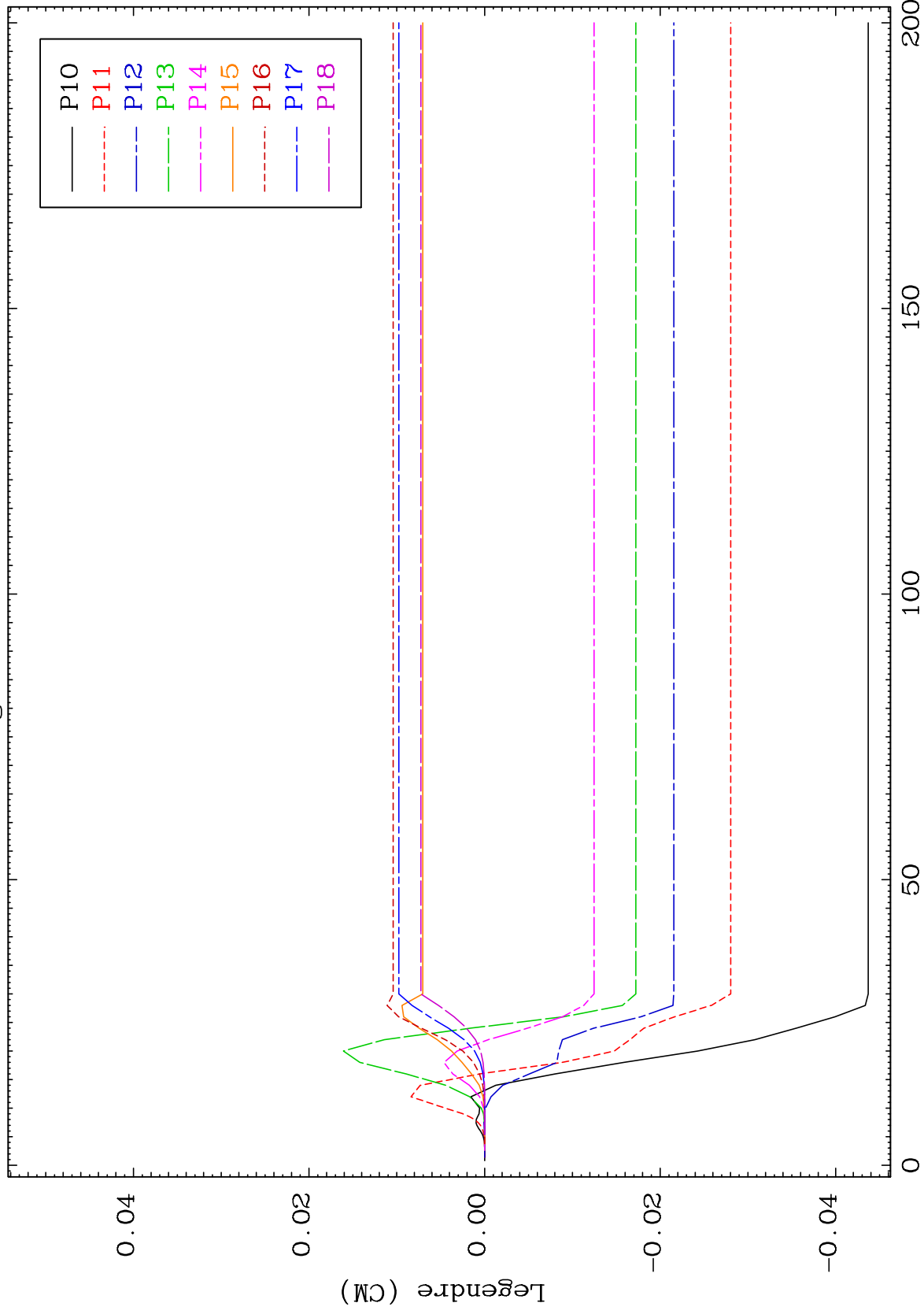
43-Tc-96



MAT 4316

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

43-Tc-96



25

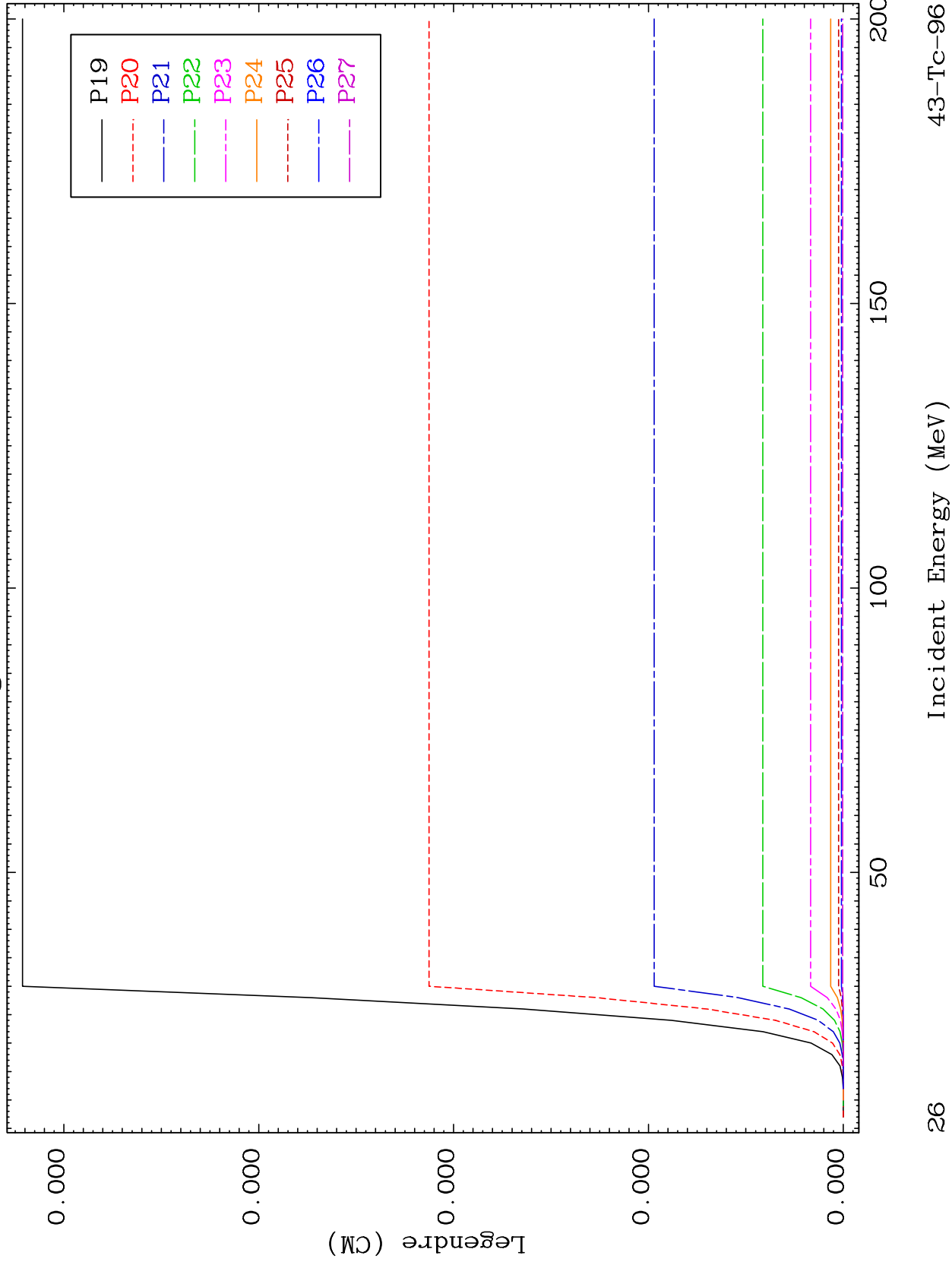
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



26

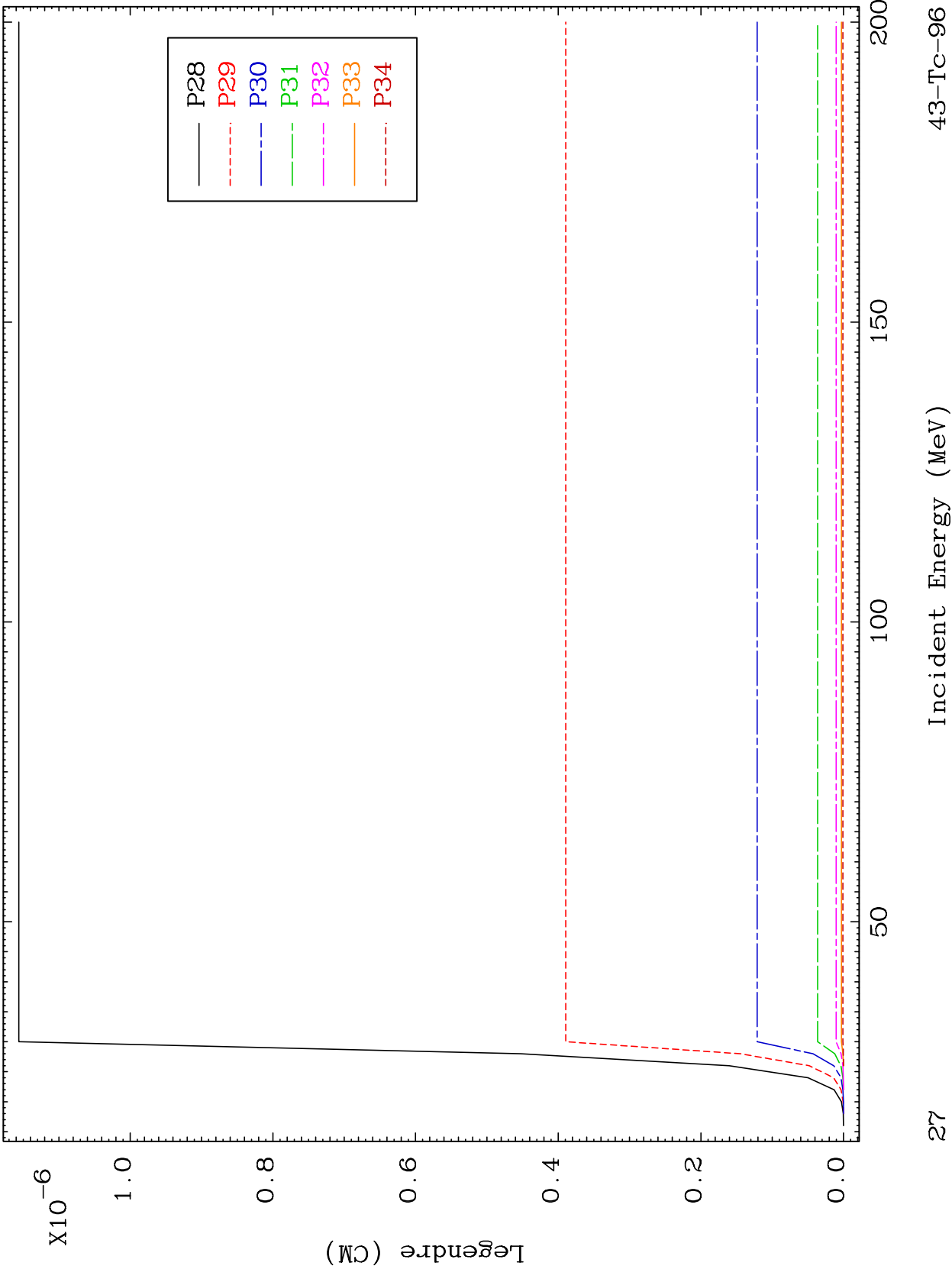
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

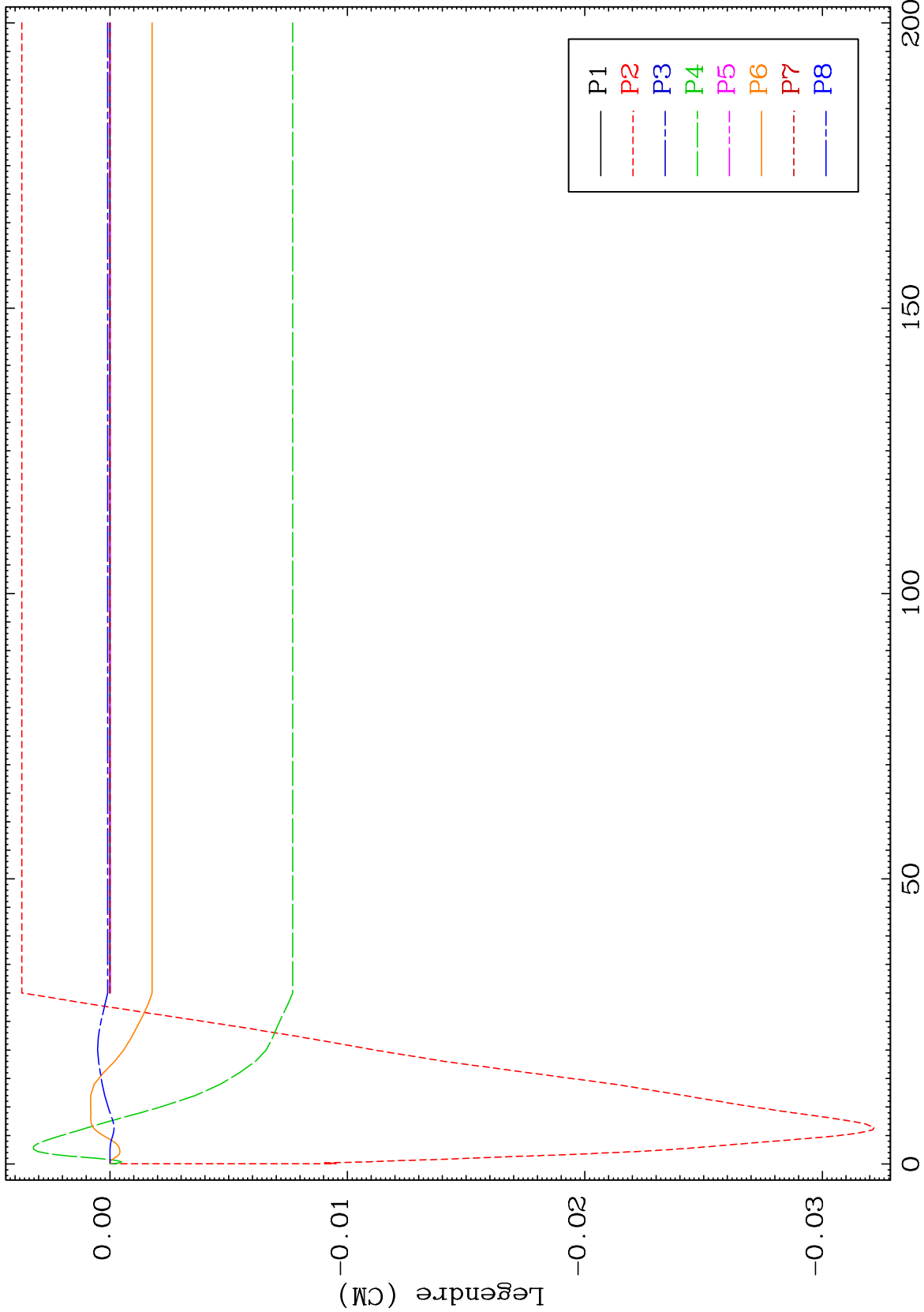
43-Tc-96



MAT 4316

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

43-Tc-96



28

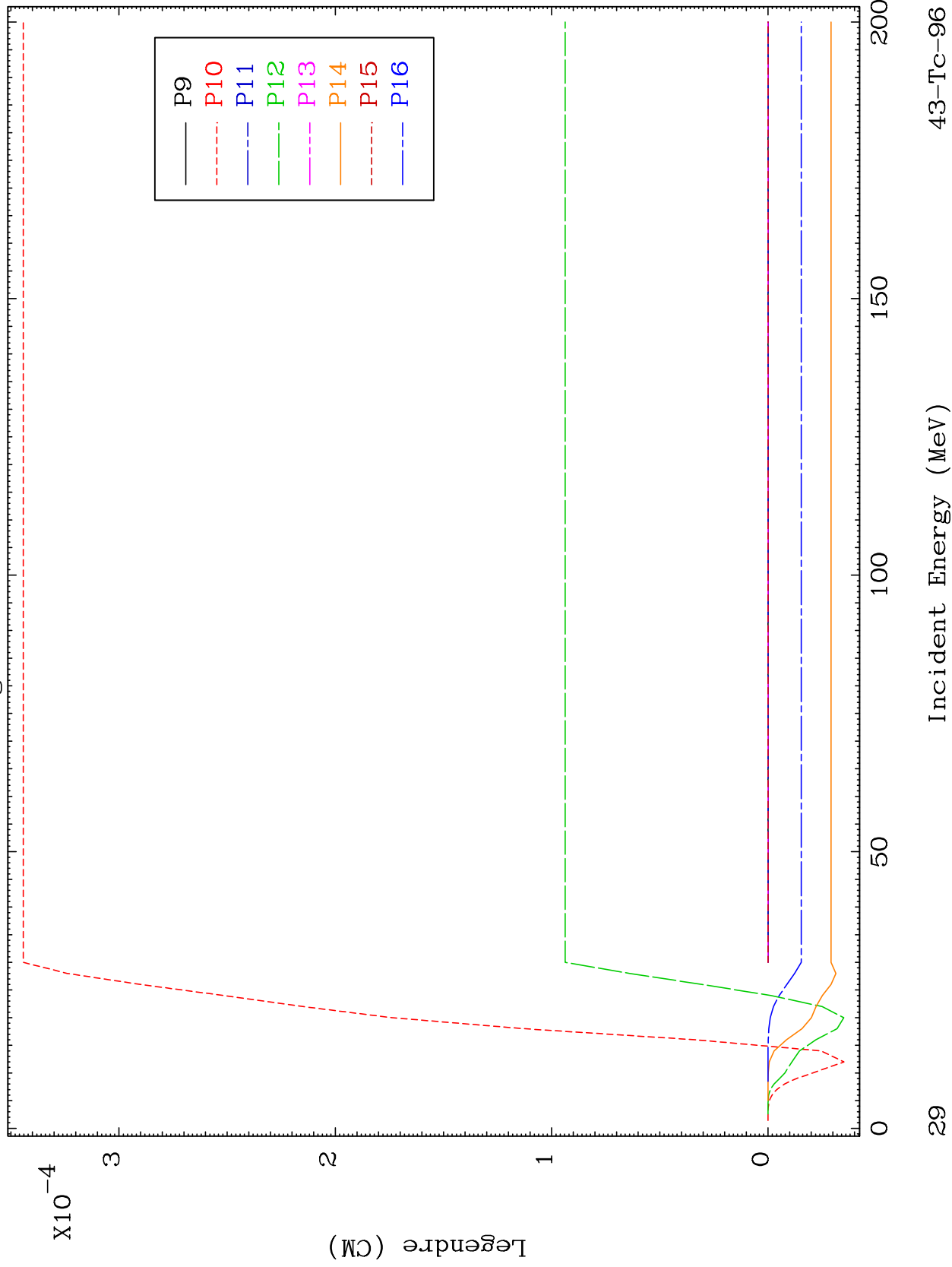
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

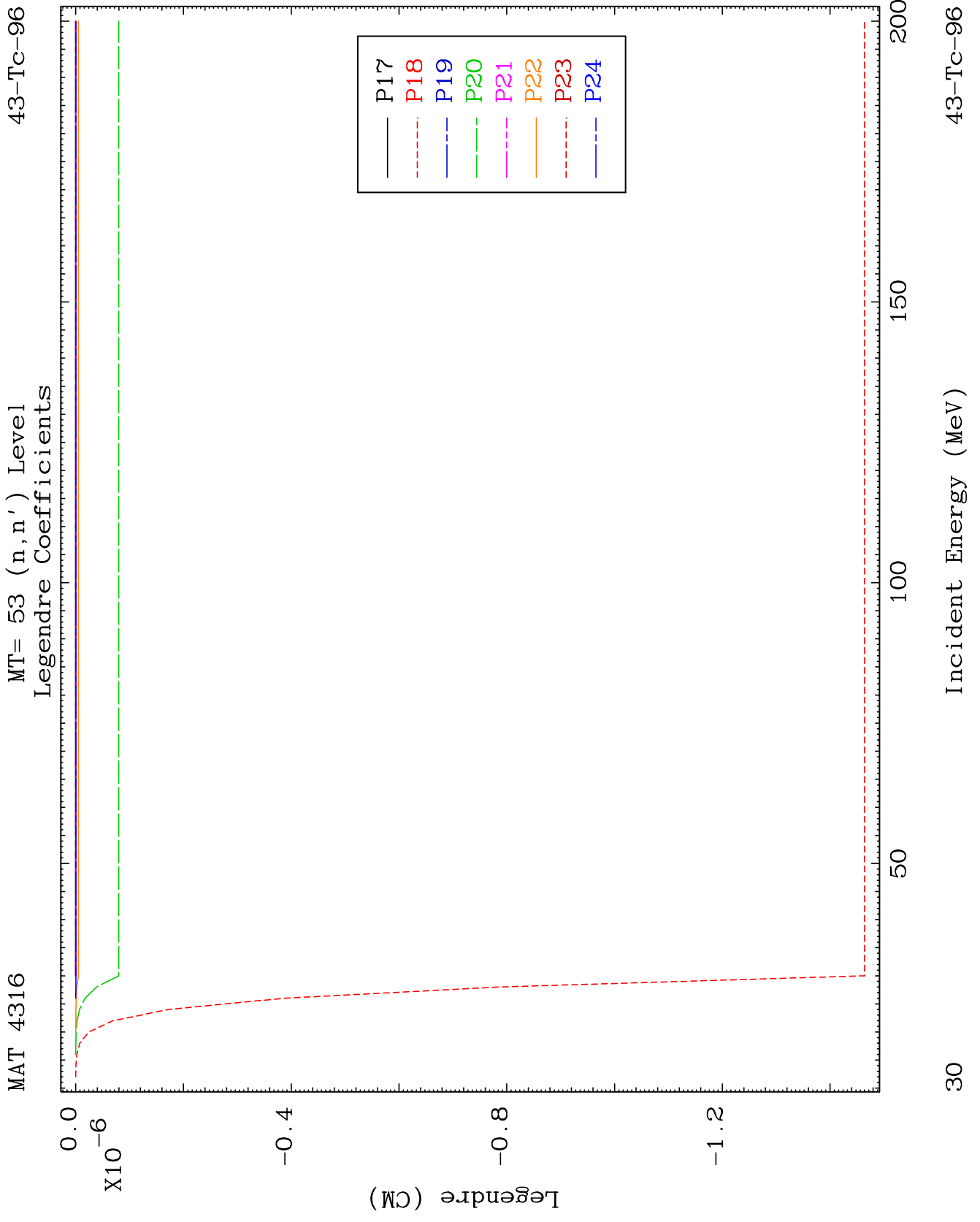
43-Tc-96



29

Incident Energy (MeV)

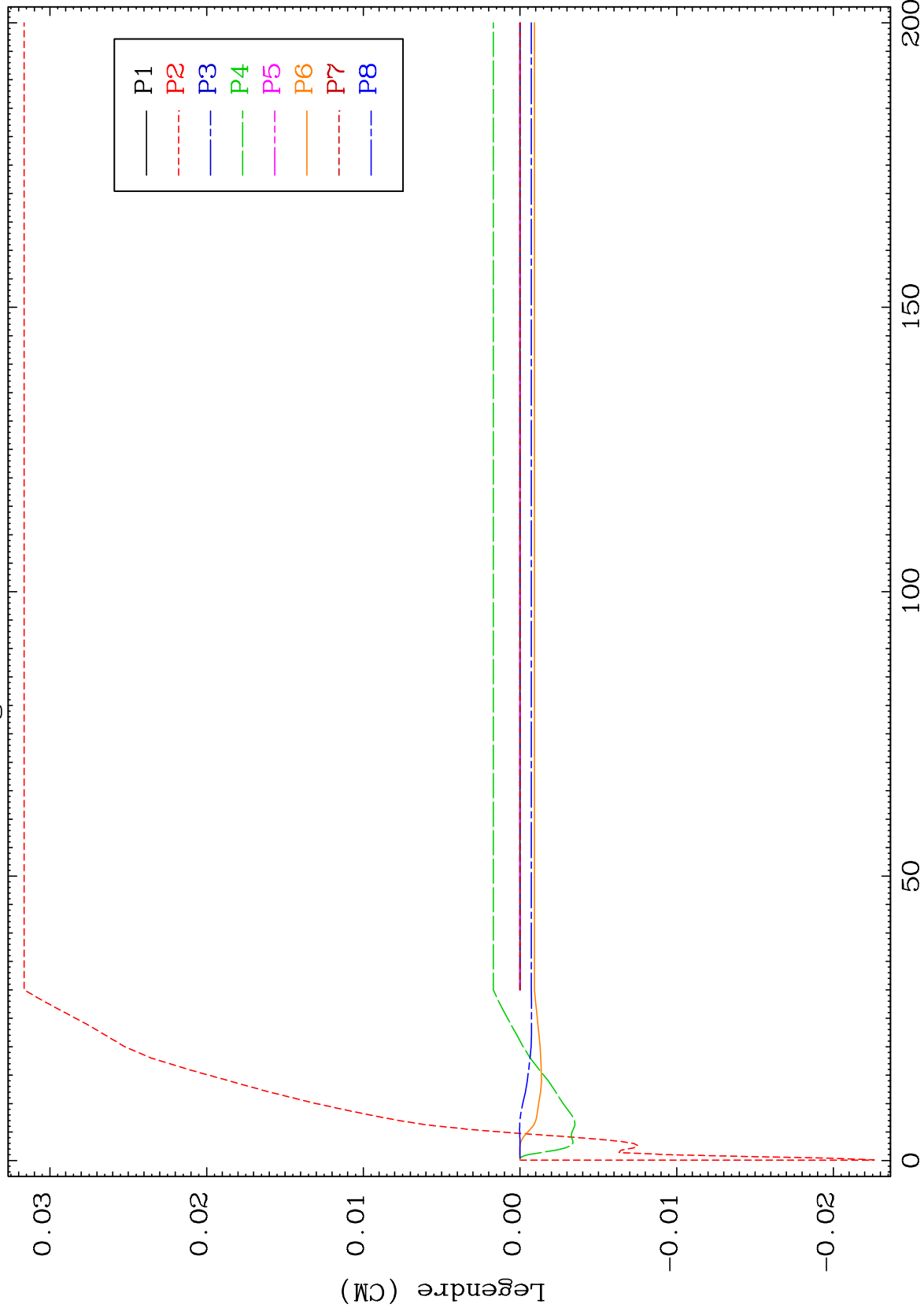
43-Tc-96



MAT 4316

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

43-Tc-96



31

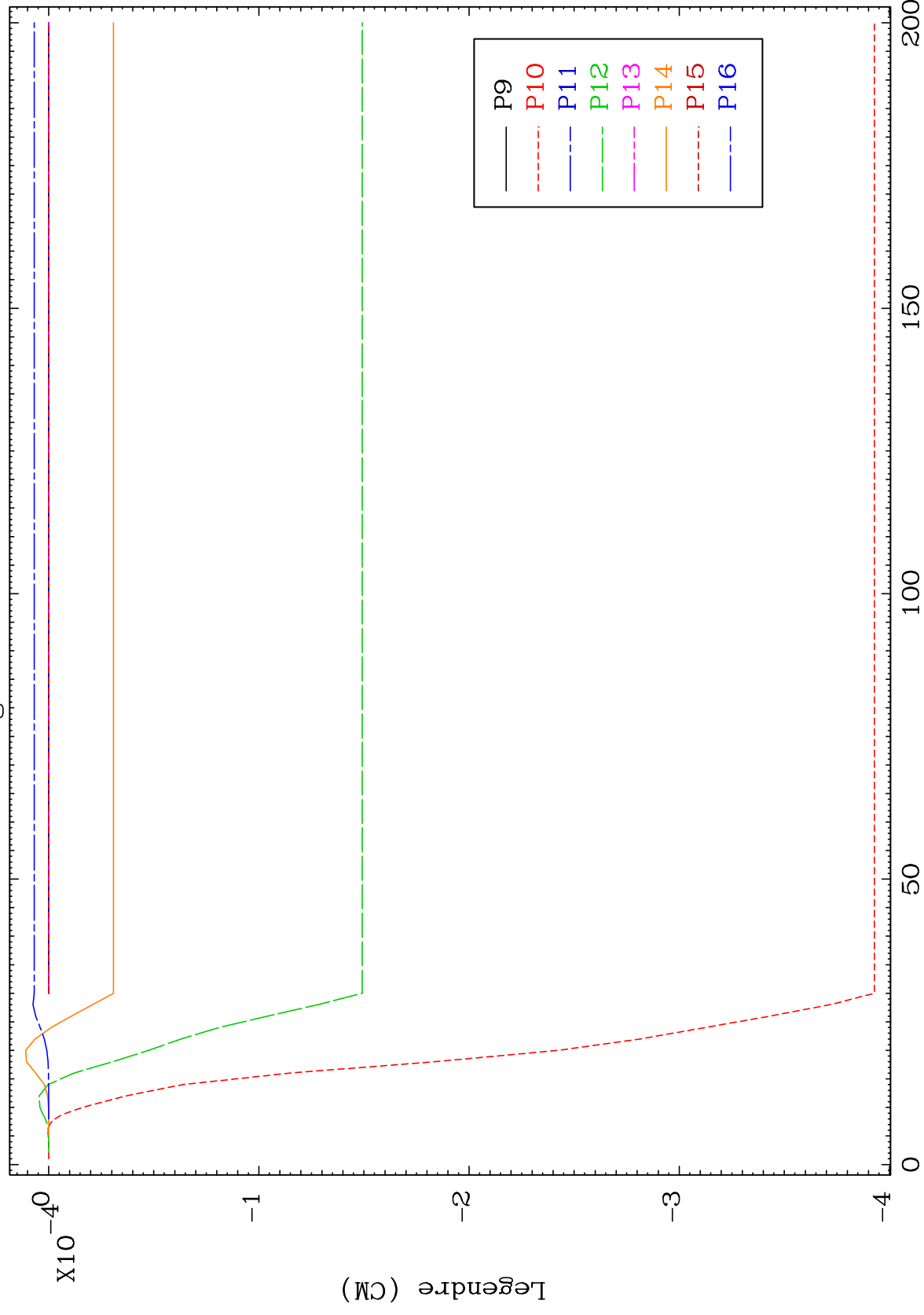
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

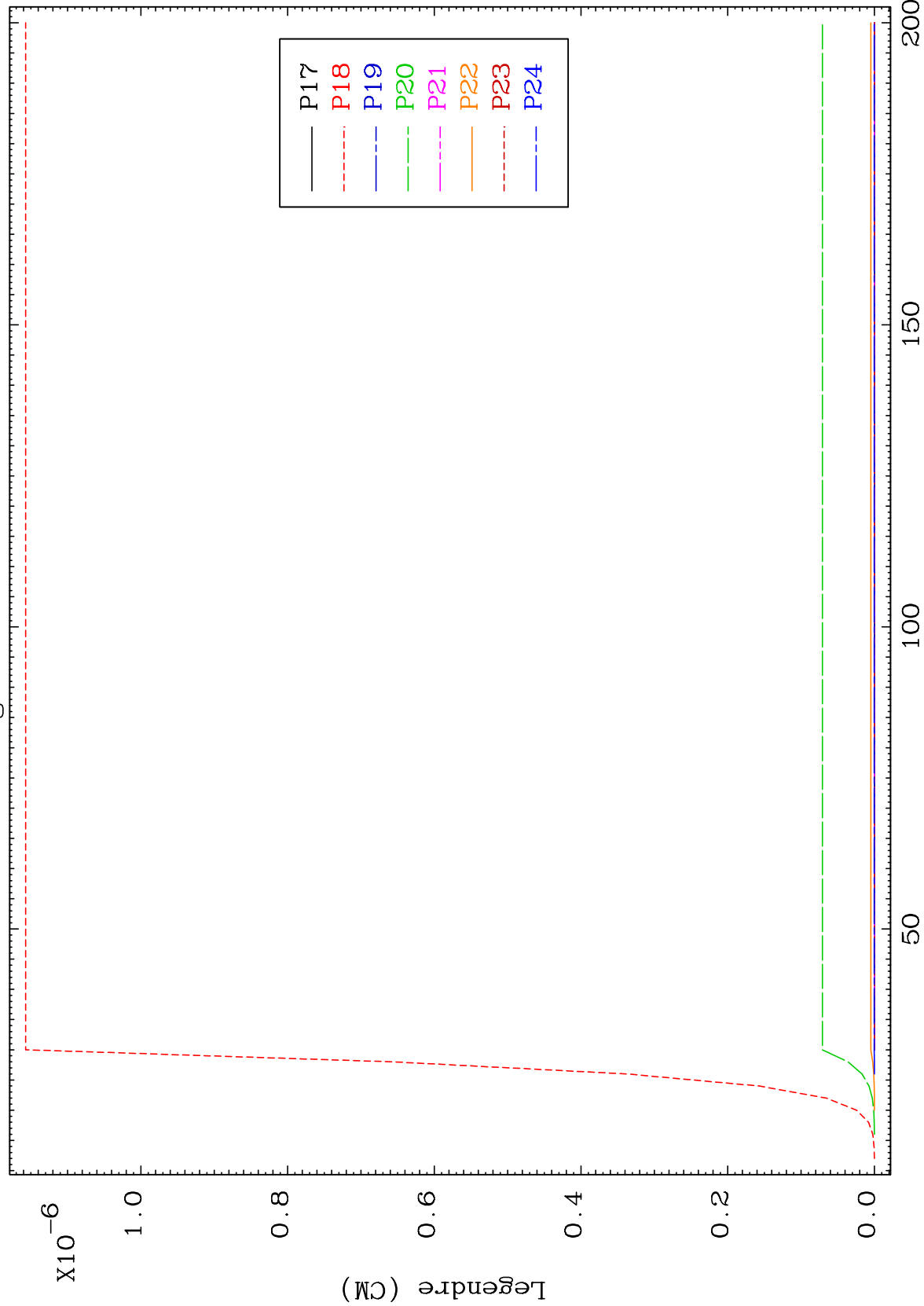
43-Tc-96



32

Incident Energy (MeV)

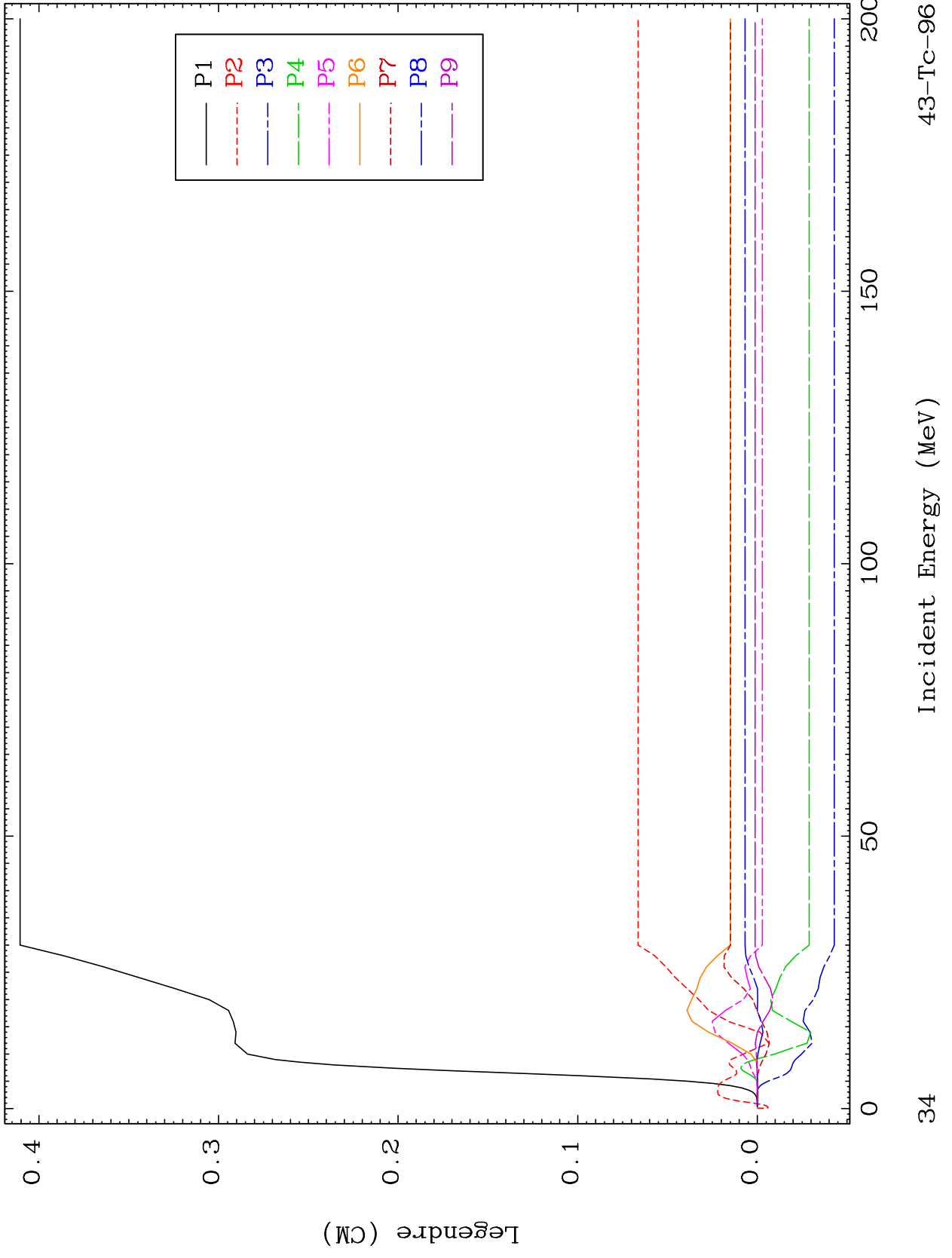
43-Tc-96



MAT 4316

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

43-Tc-96



34

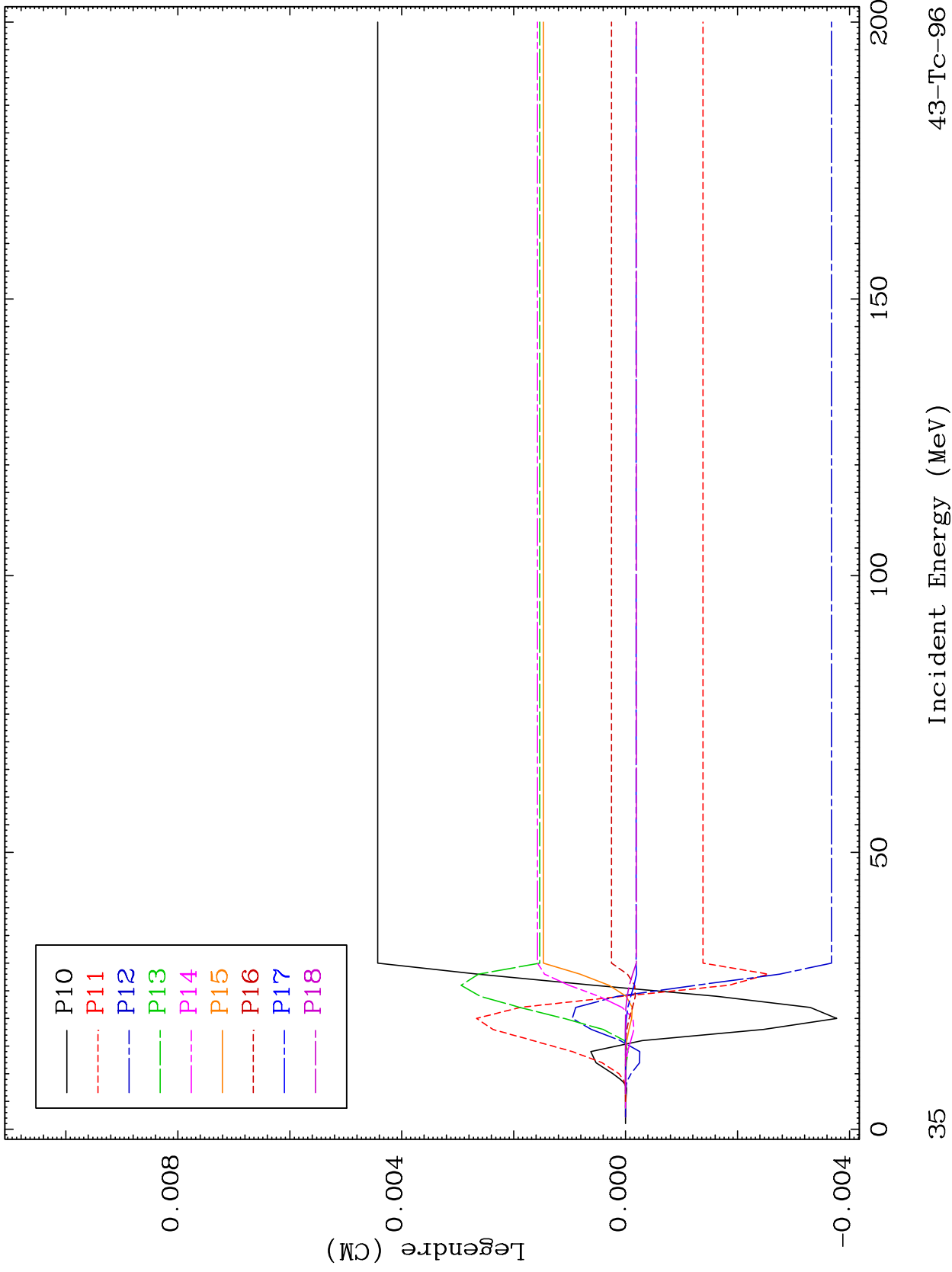
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96

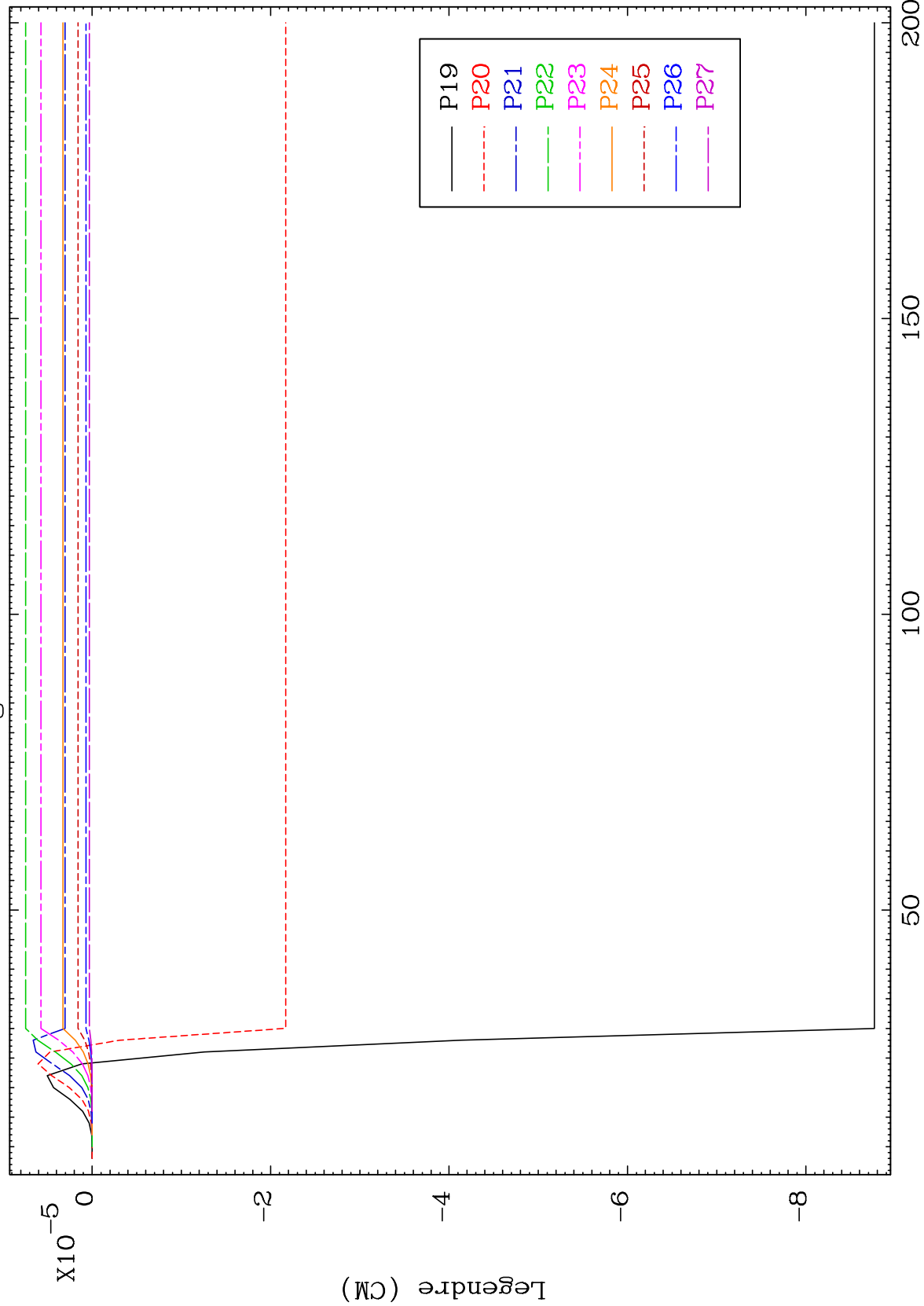


35

MAT 4316

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

43-Tc-96



36

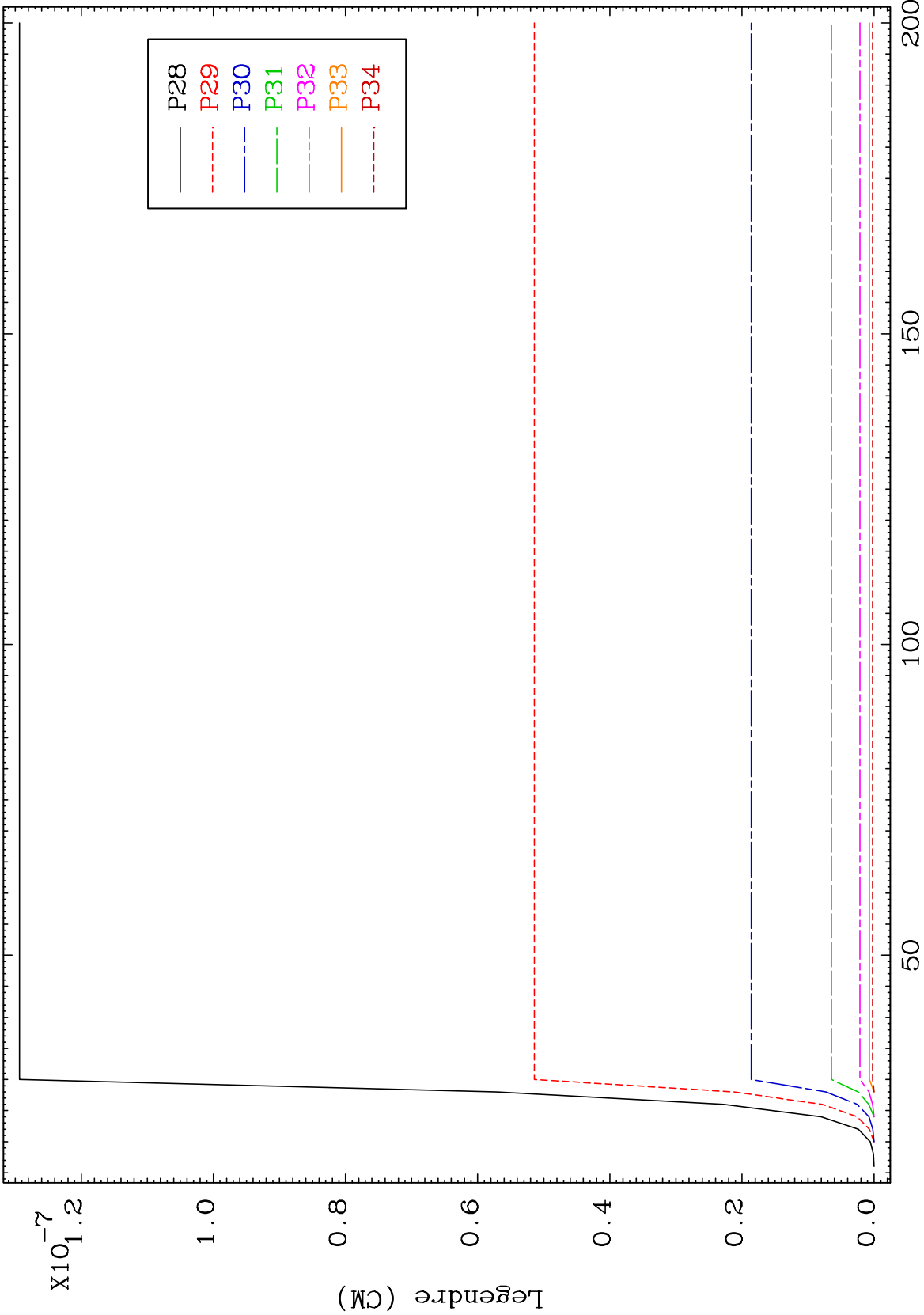
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



37

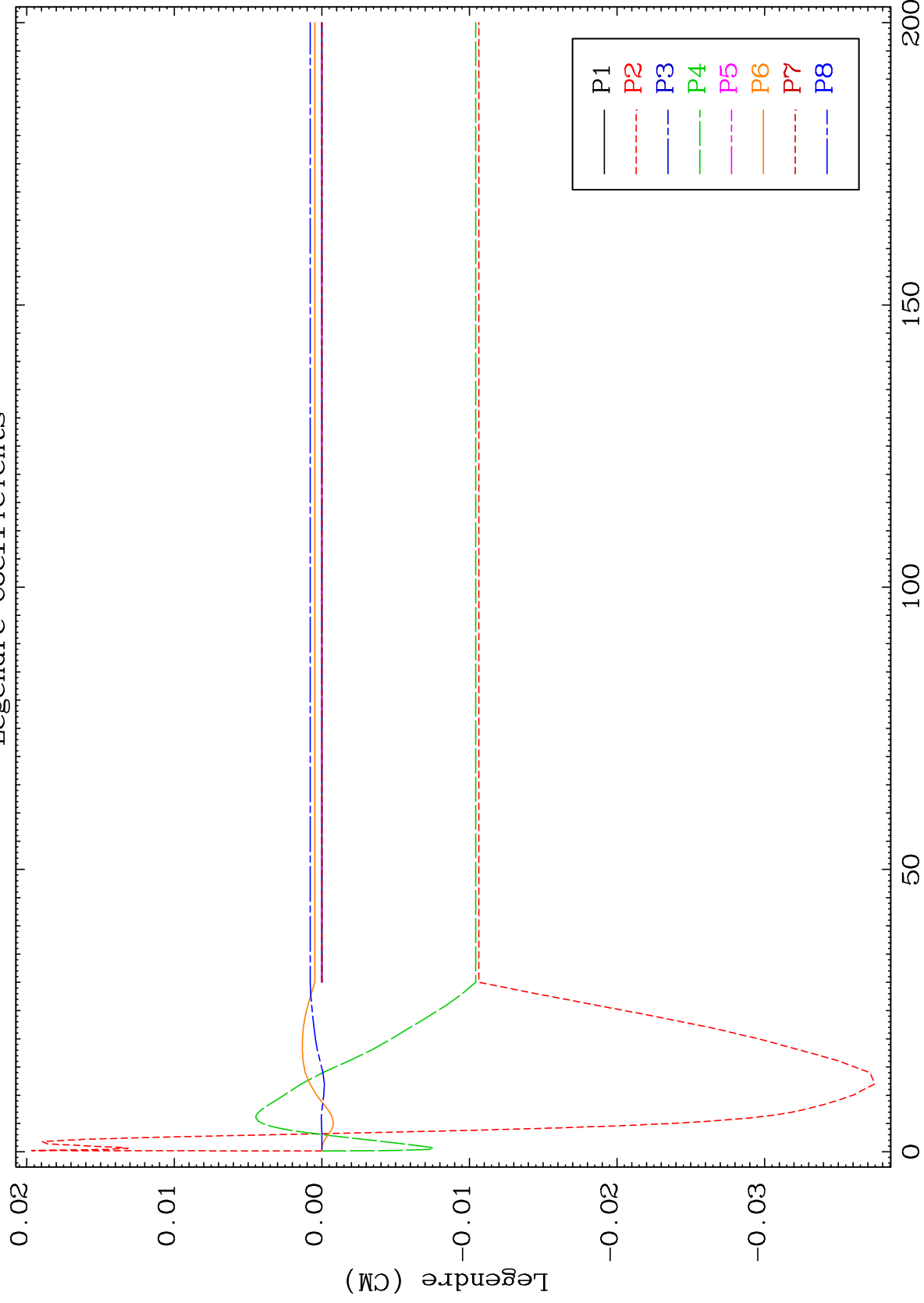
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



38

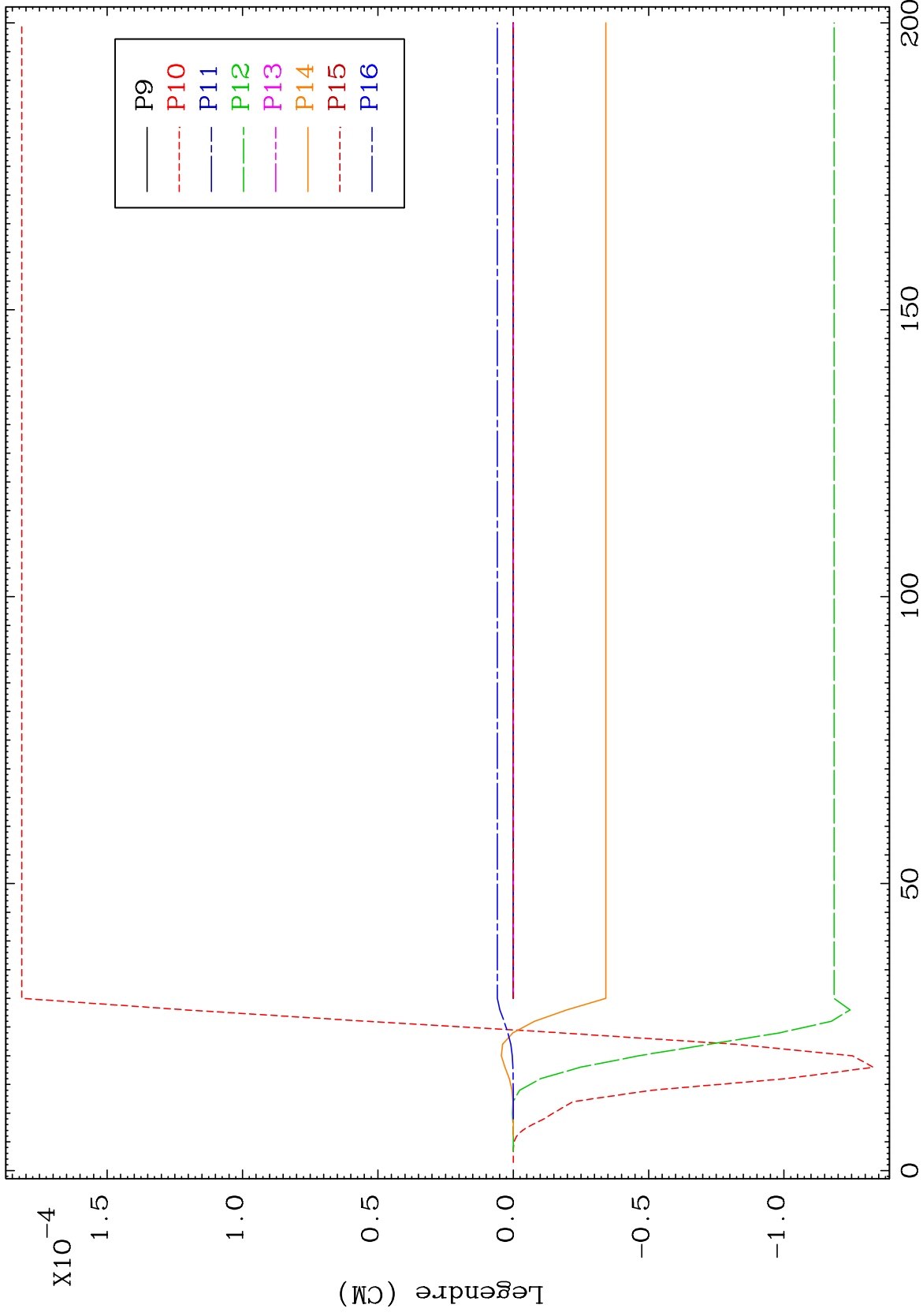
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



39

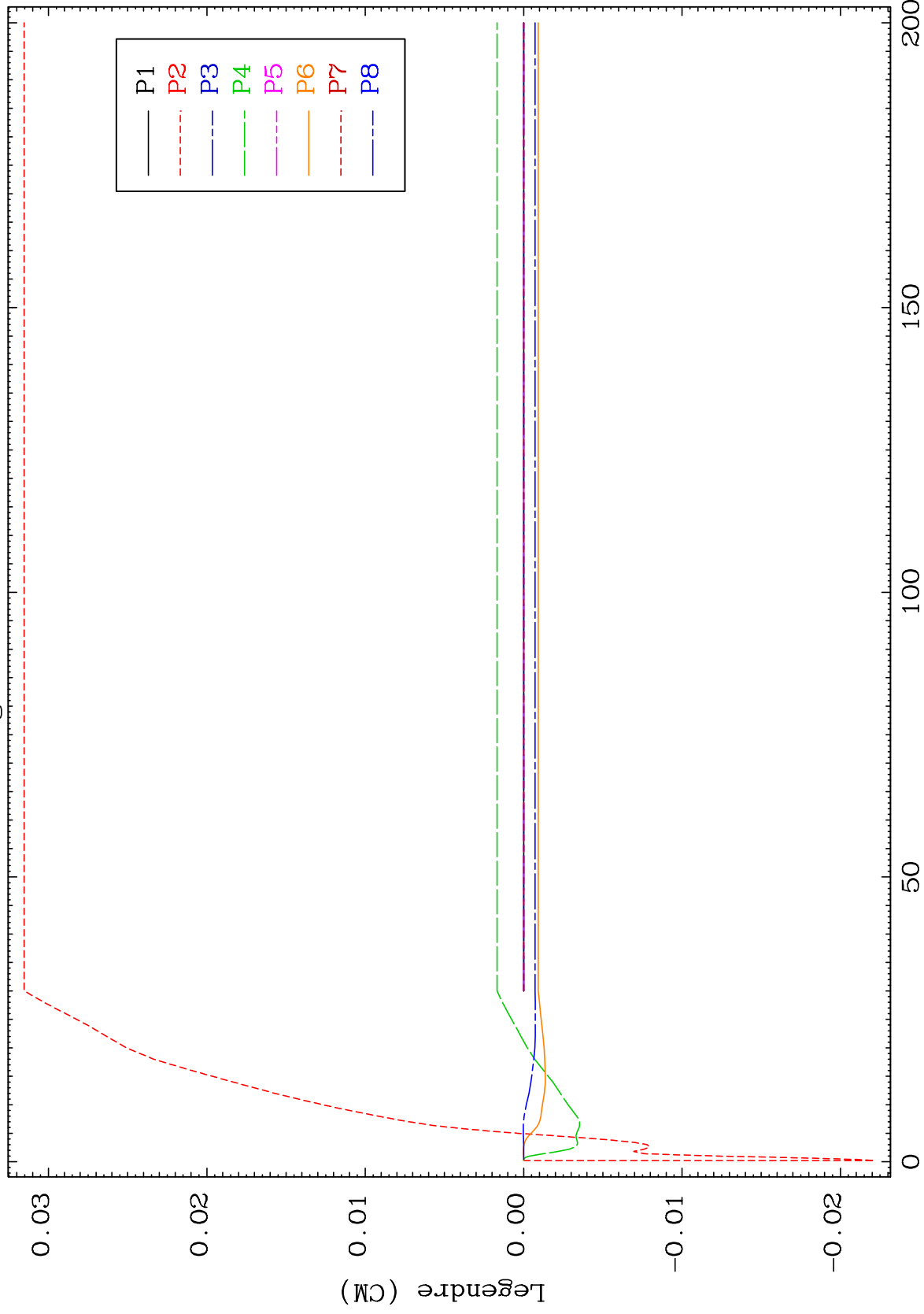
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

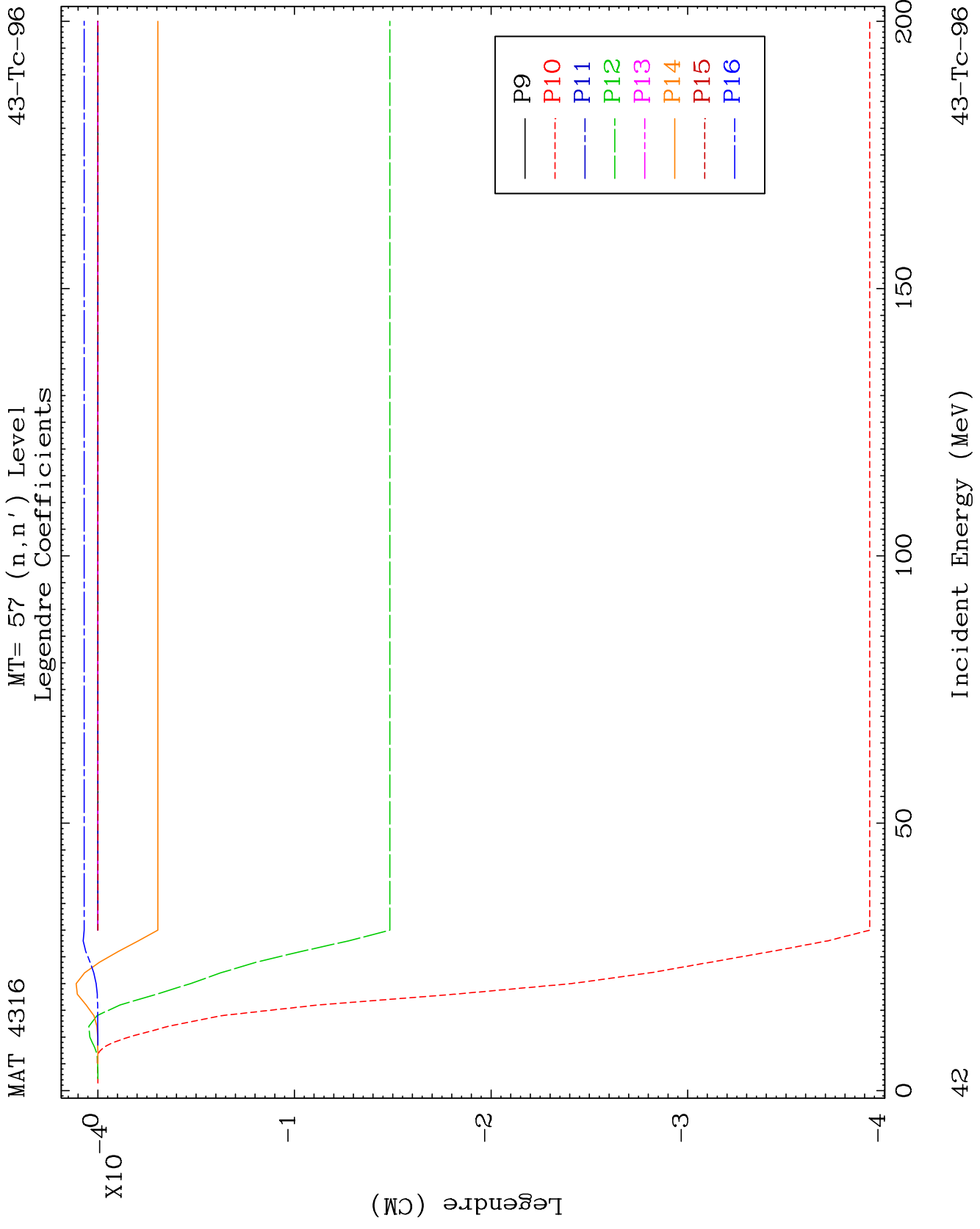
43-Tc-96



41

Incident Energy (MeV)

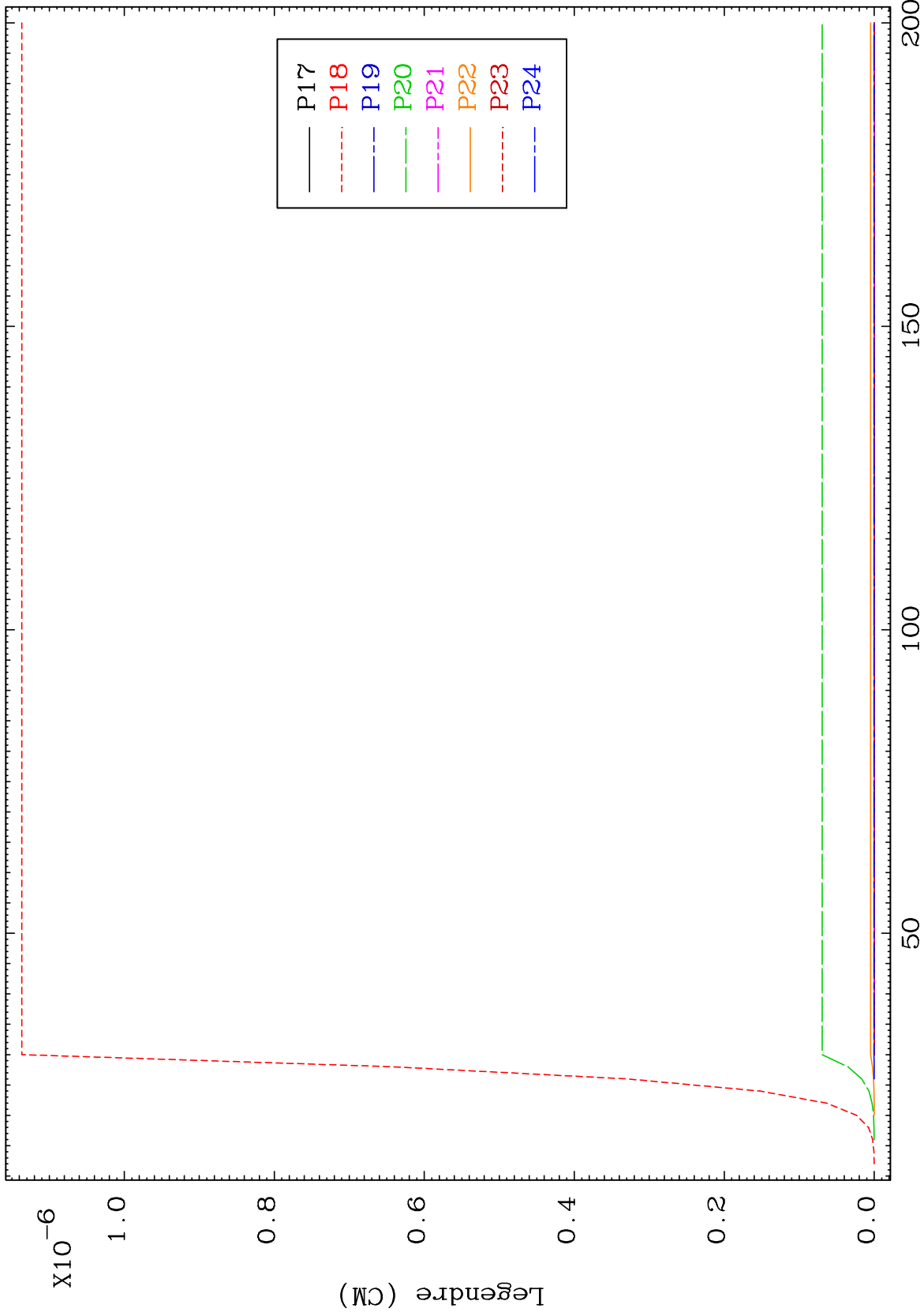
43-Tc-96



MAT 4316

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

43-Tc-96



43

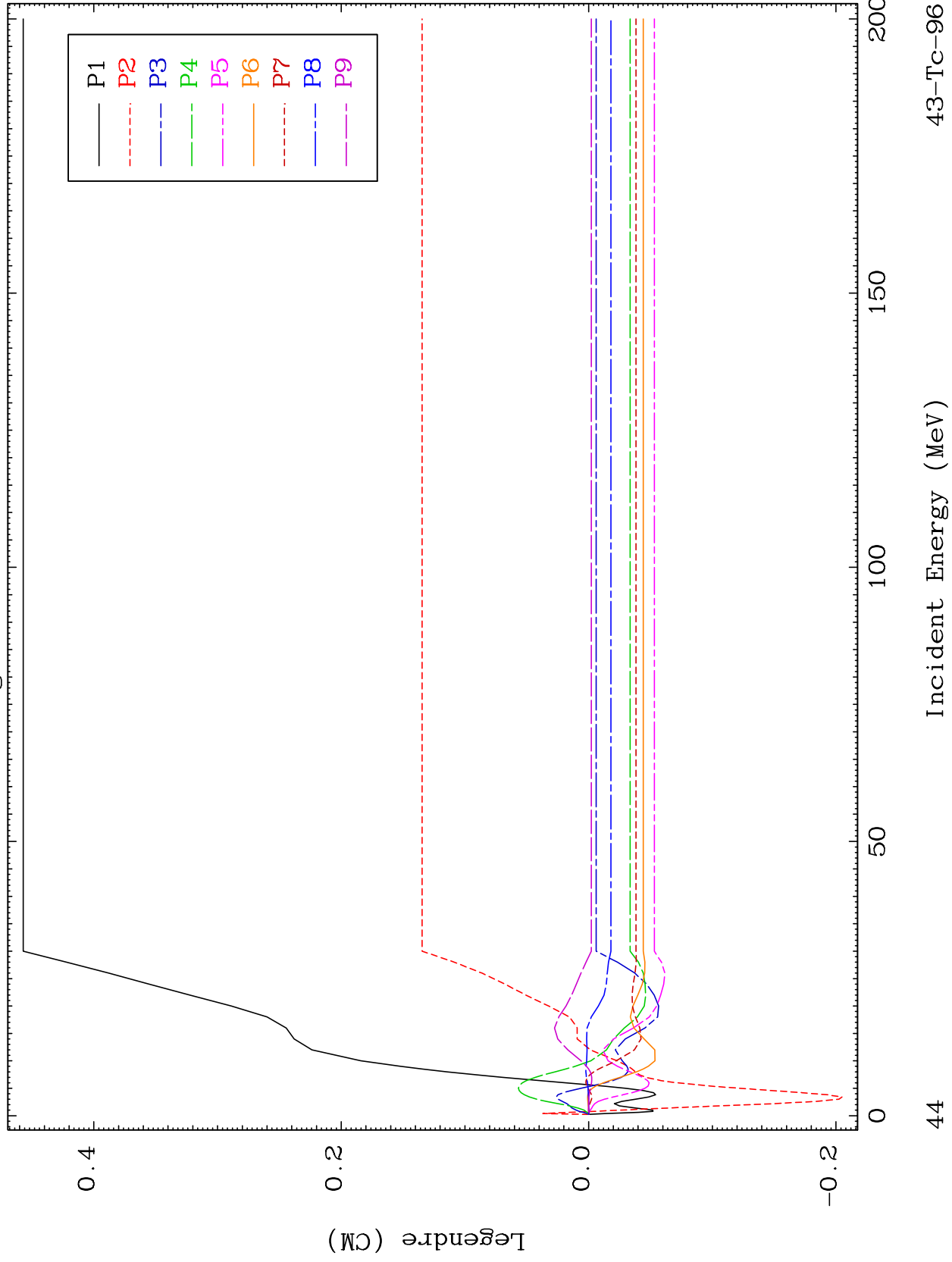
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

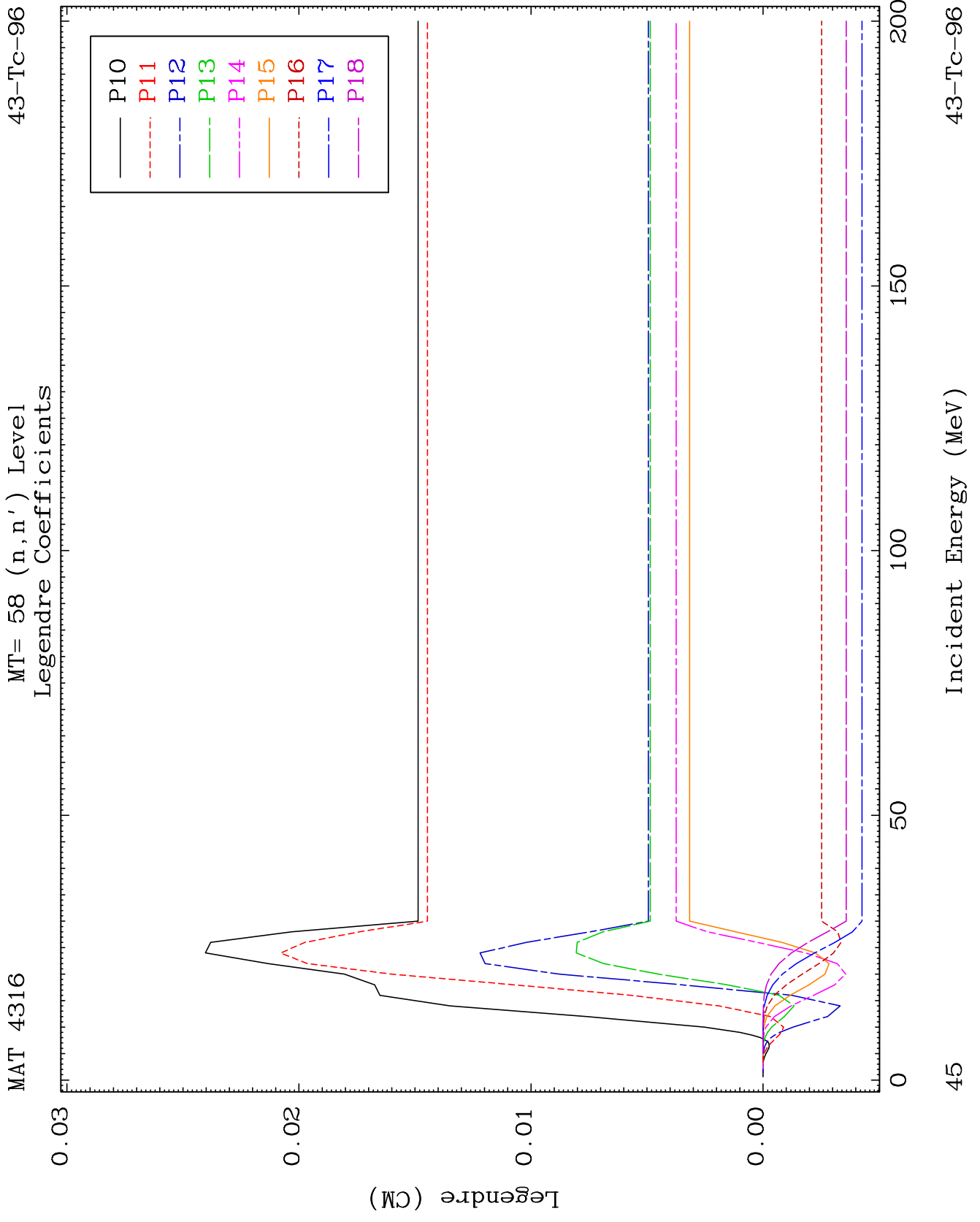
43-Tc-96



43-Tc-96

Incident Energy (MeV)

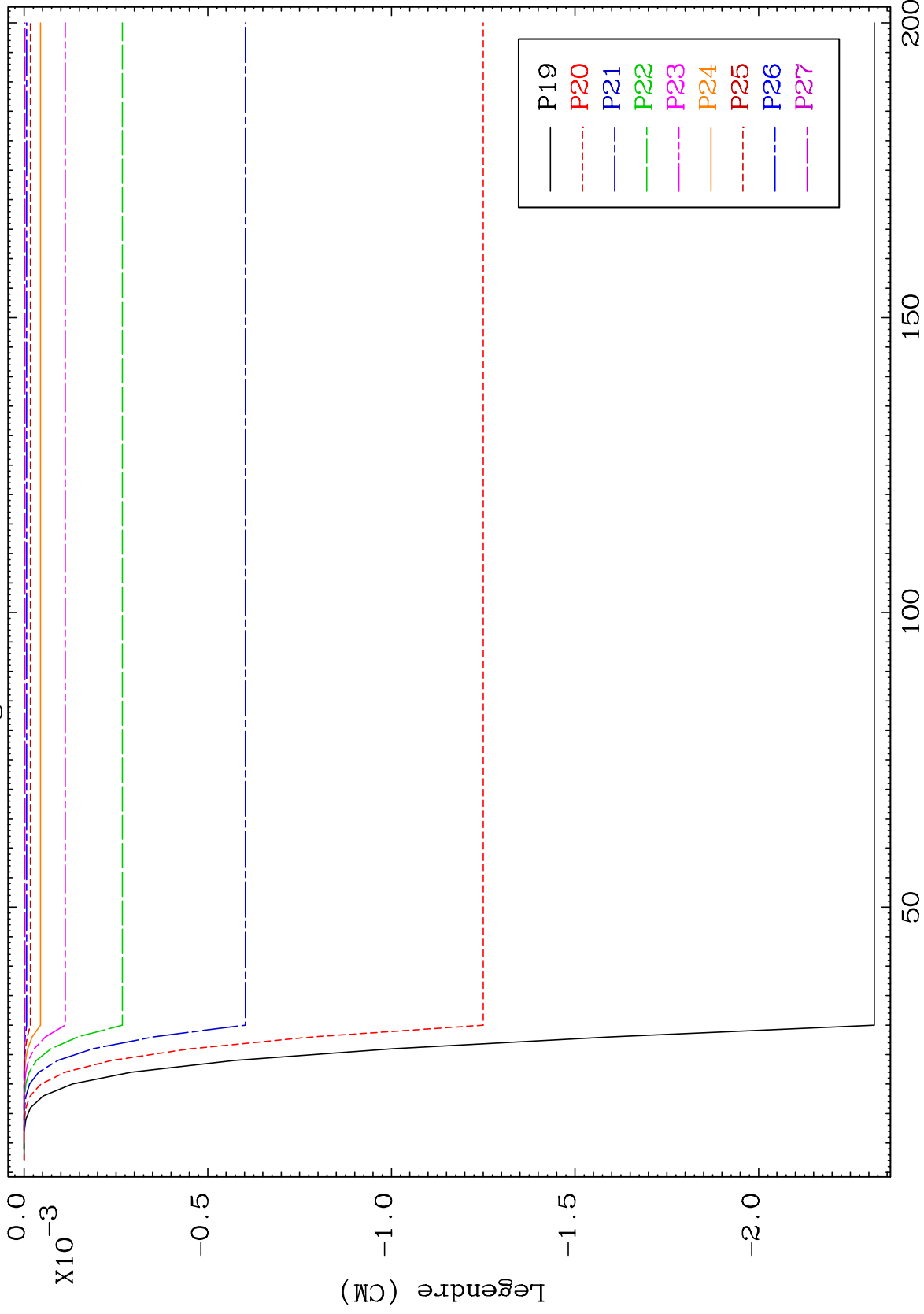
44



MAT 4316

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

43-Tc-96



46

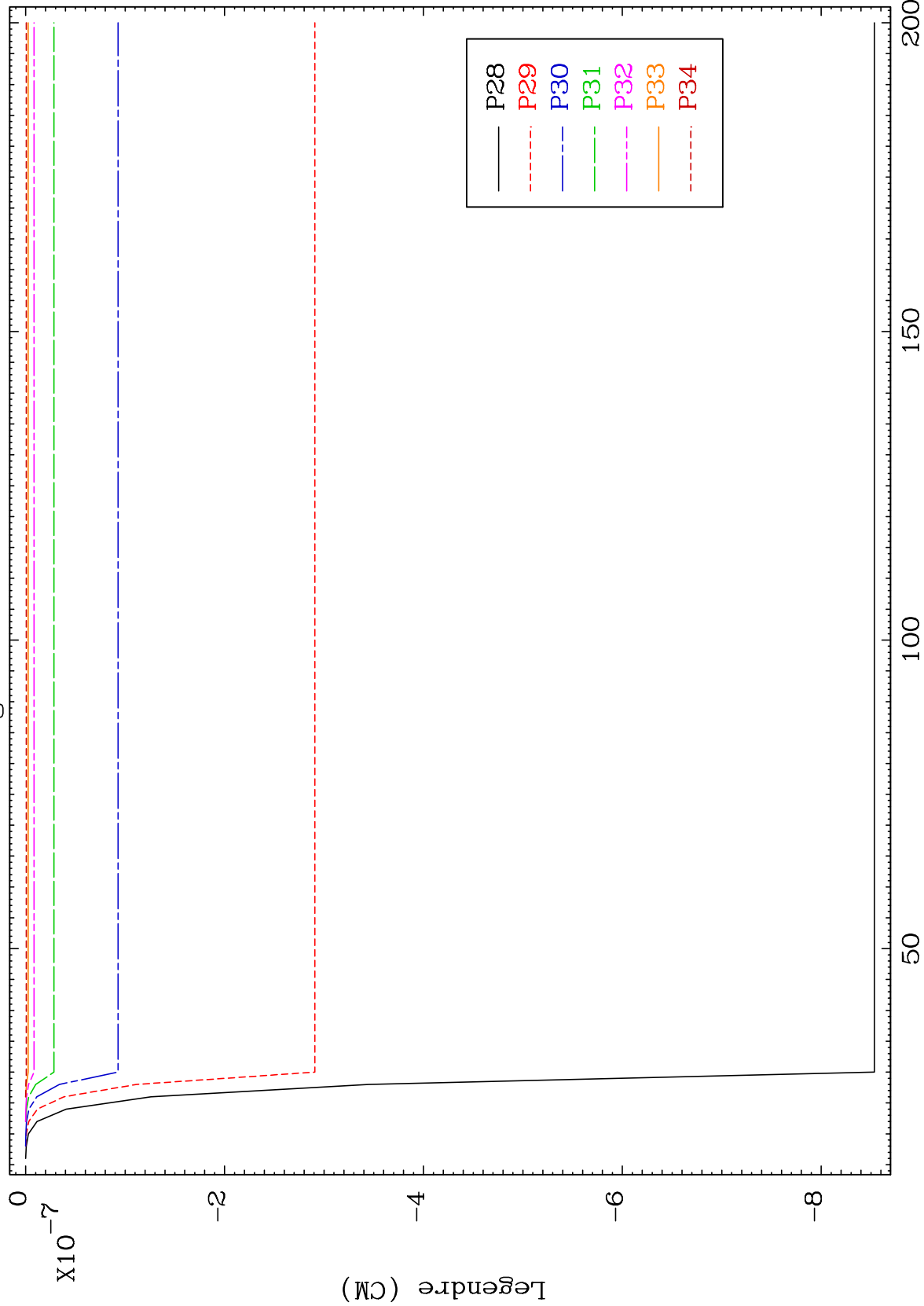
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



47

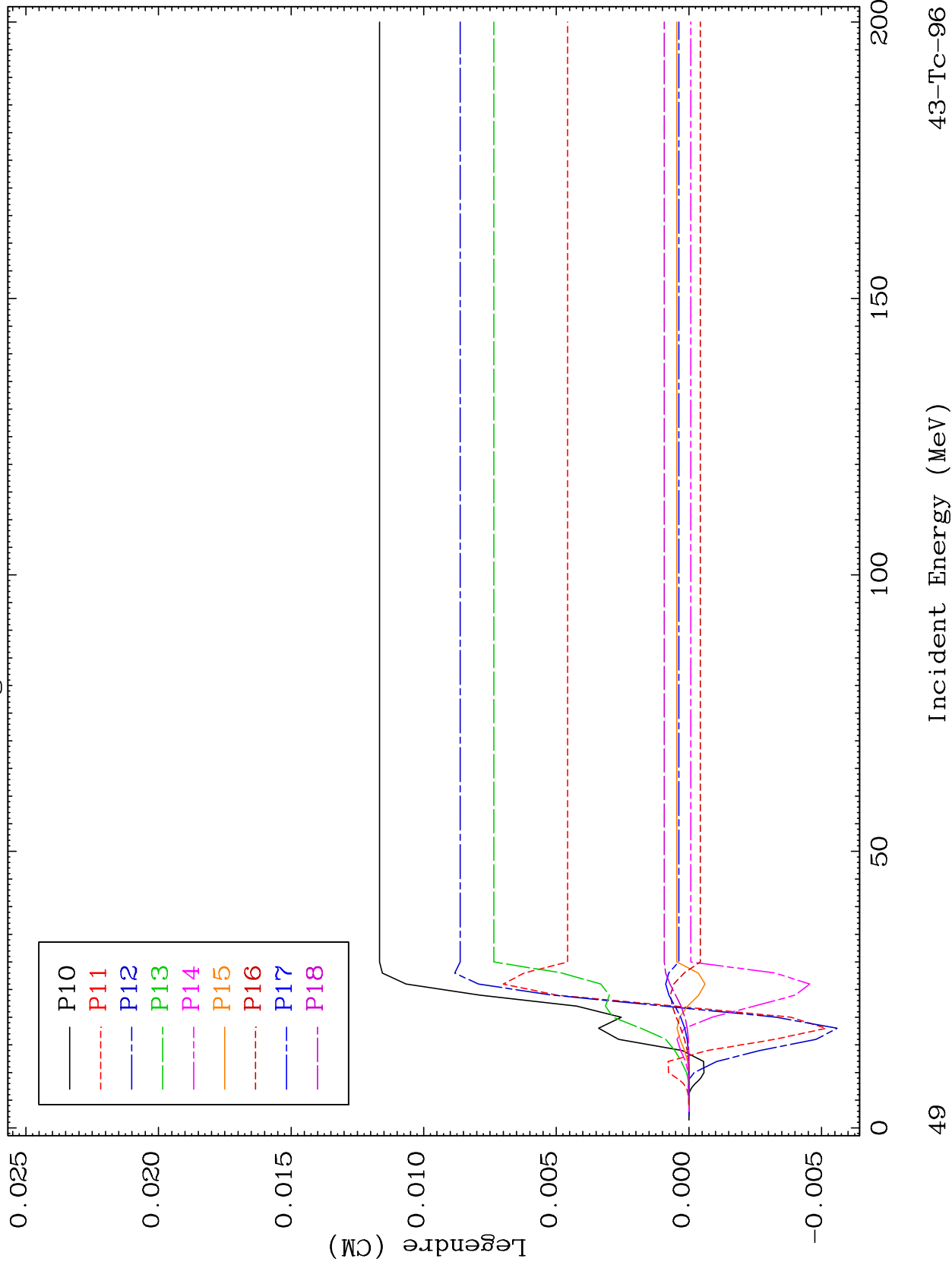
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



43-Tc-96

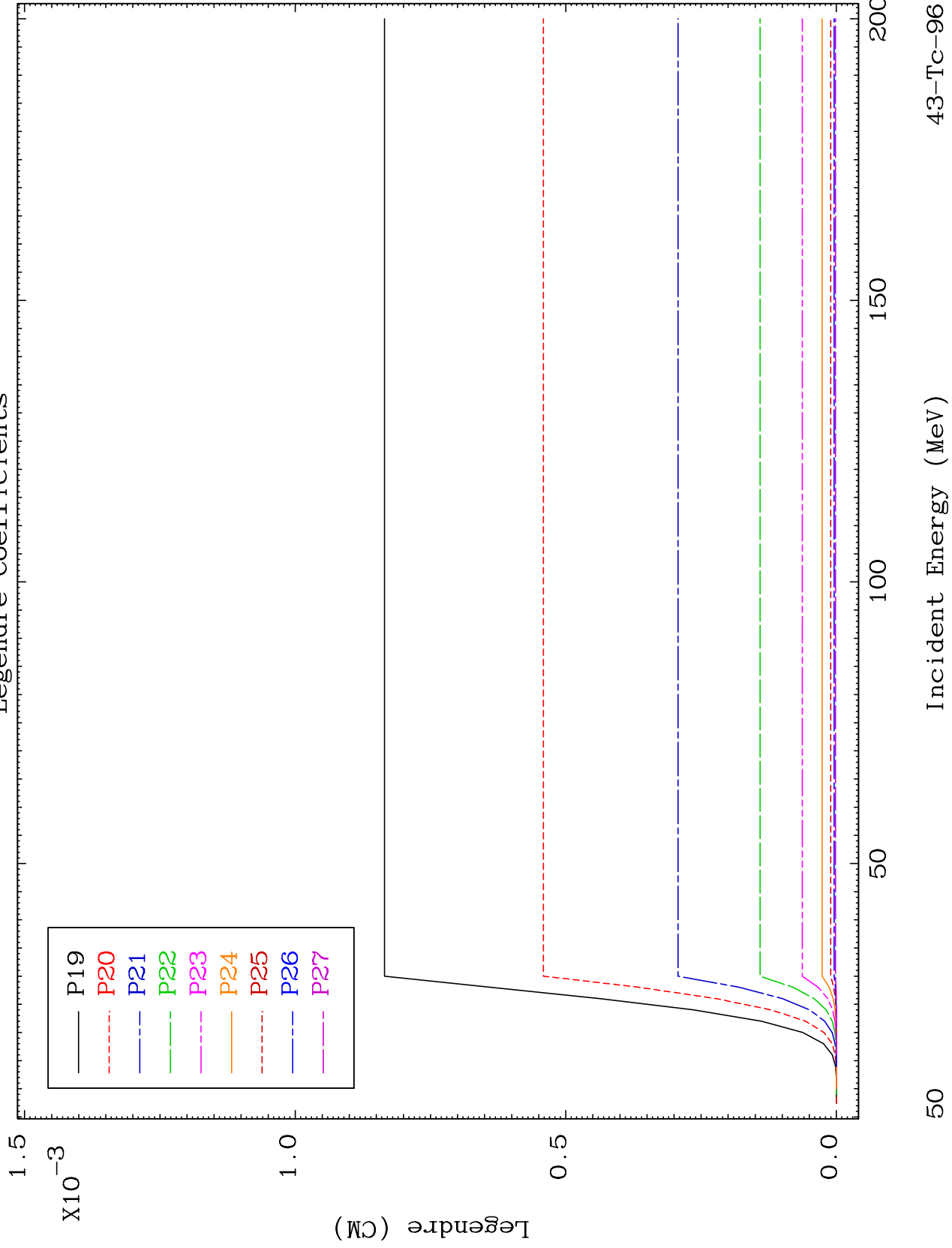
Incident Energy (MeV)

49

MAT 4316

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

43-Tc-96



43-Tc-96

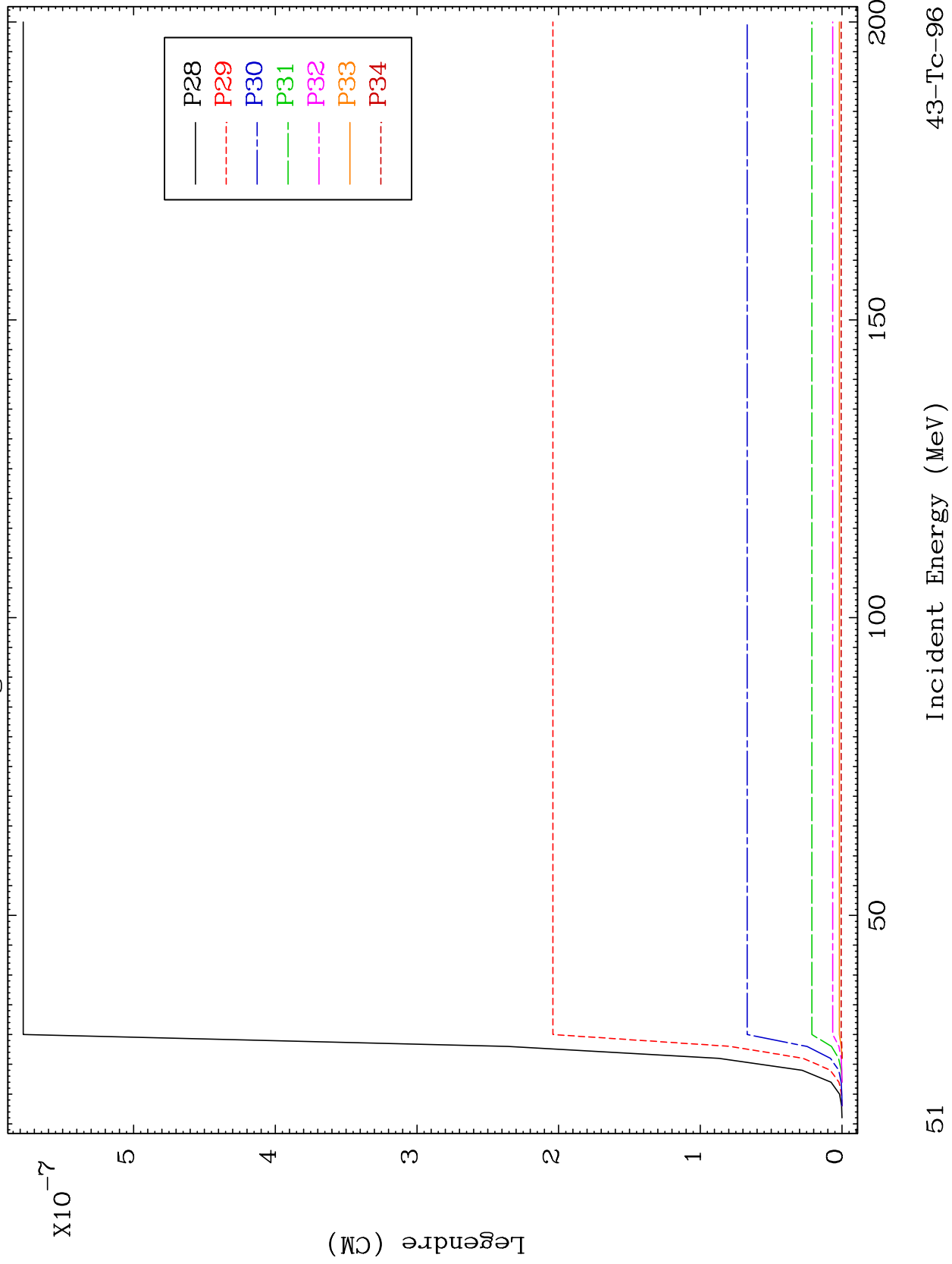
Incident Energy (MeV)

50

MAT 4316

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

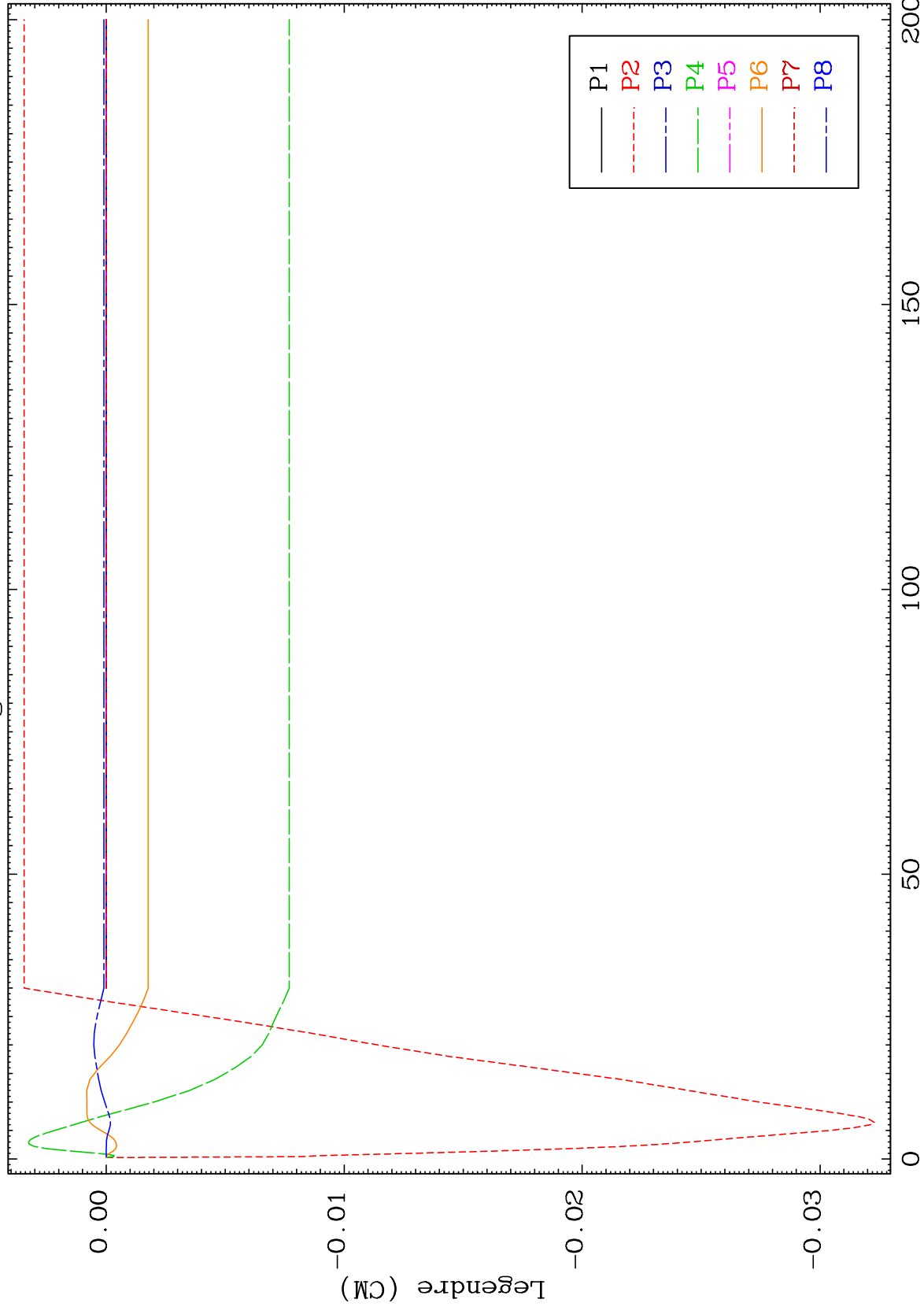
43-Tc-96



MAT 4316

43-Tc-96

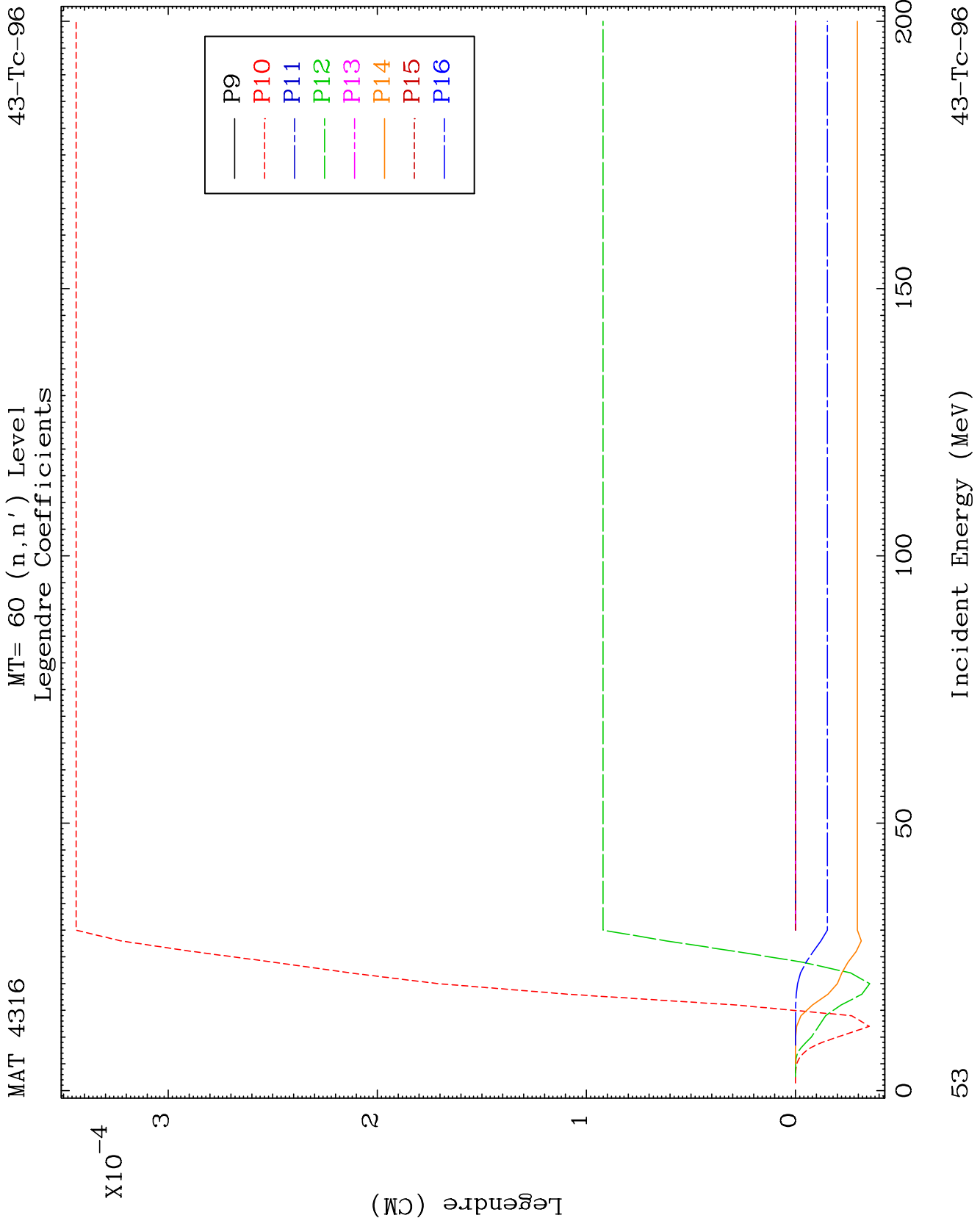
MT= 60 (n,n') Level
Legendre Coefficients

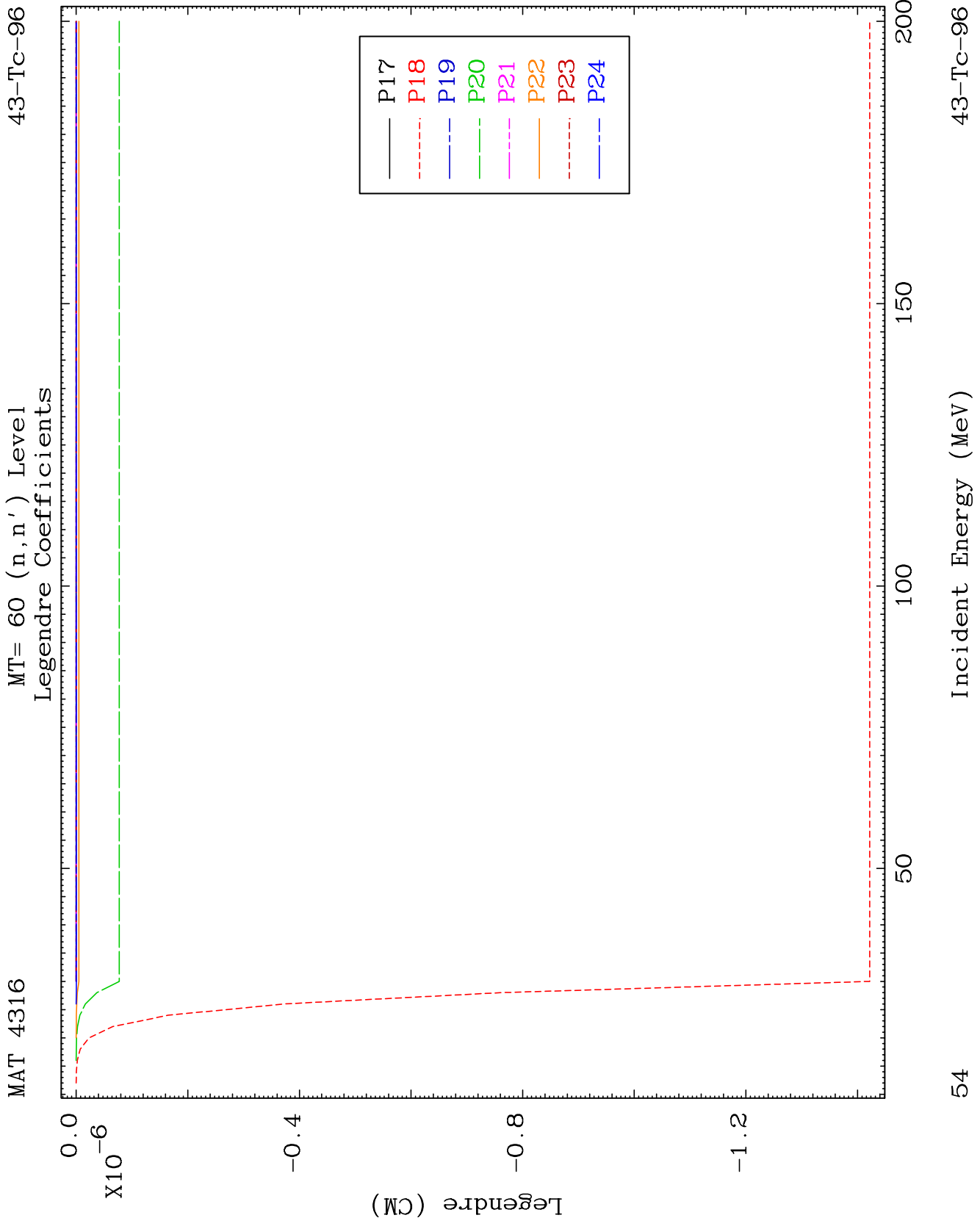


52

Incident Energy (MeV)

43-Tc-96

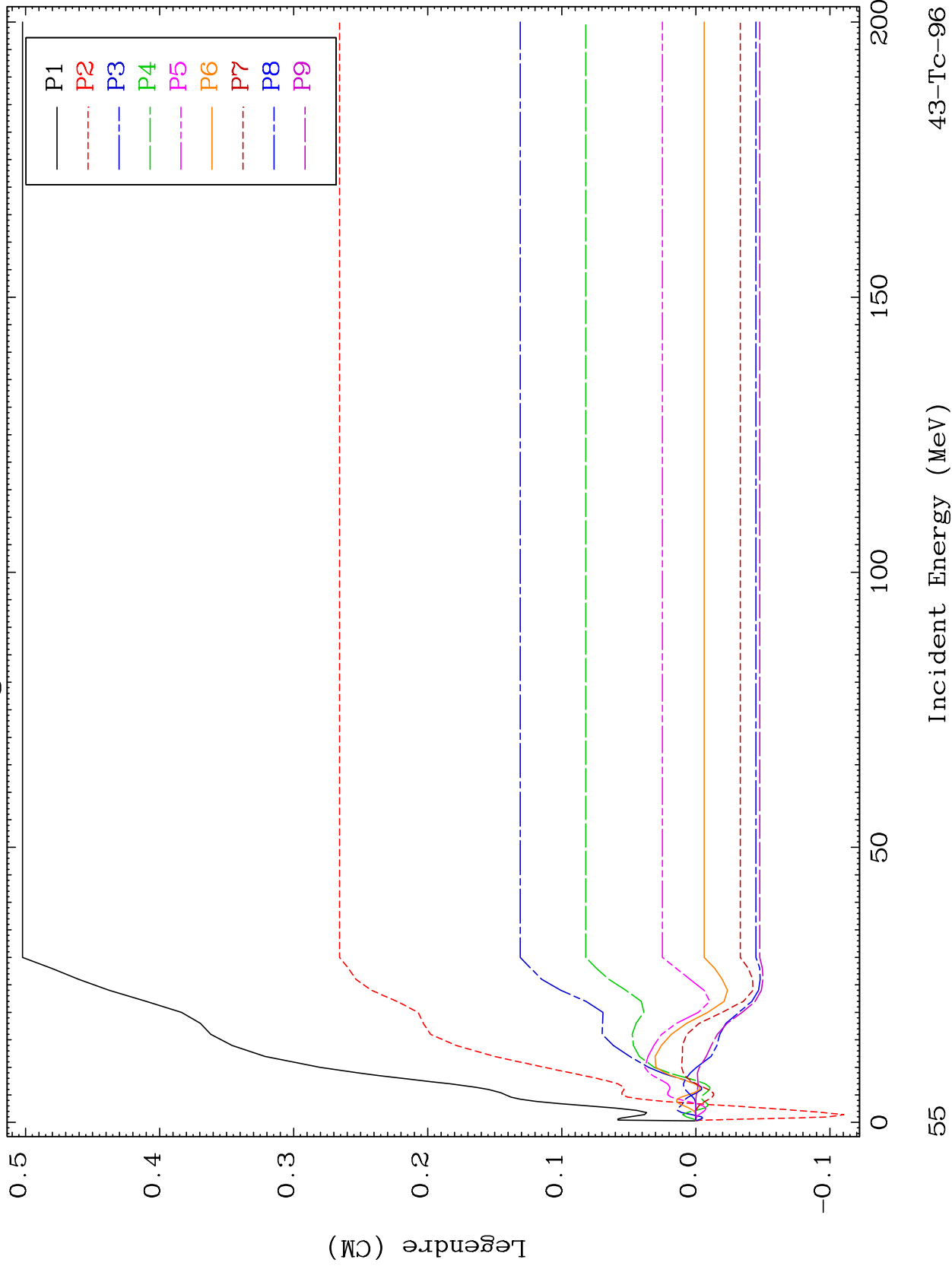




MAT 4316

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

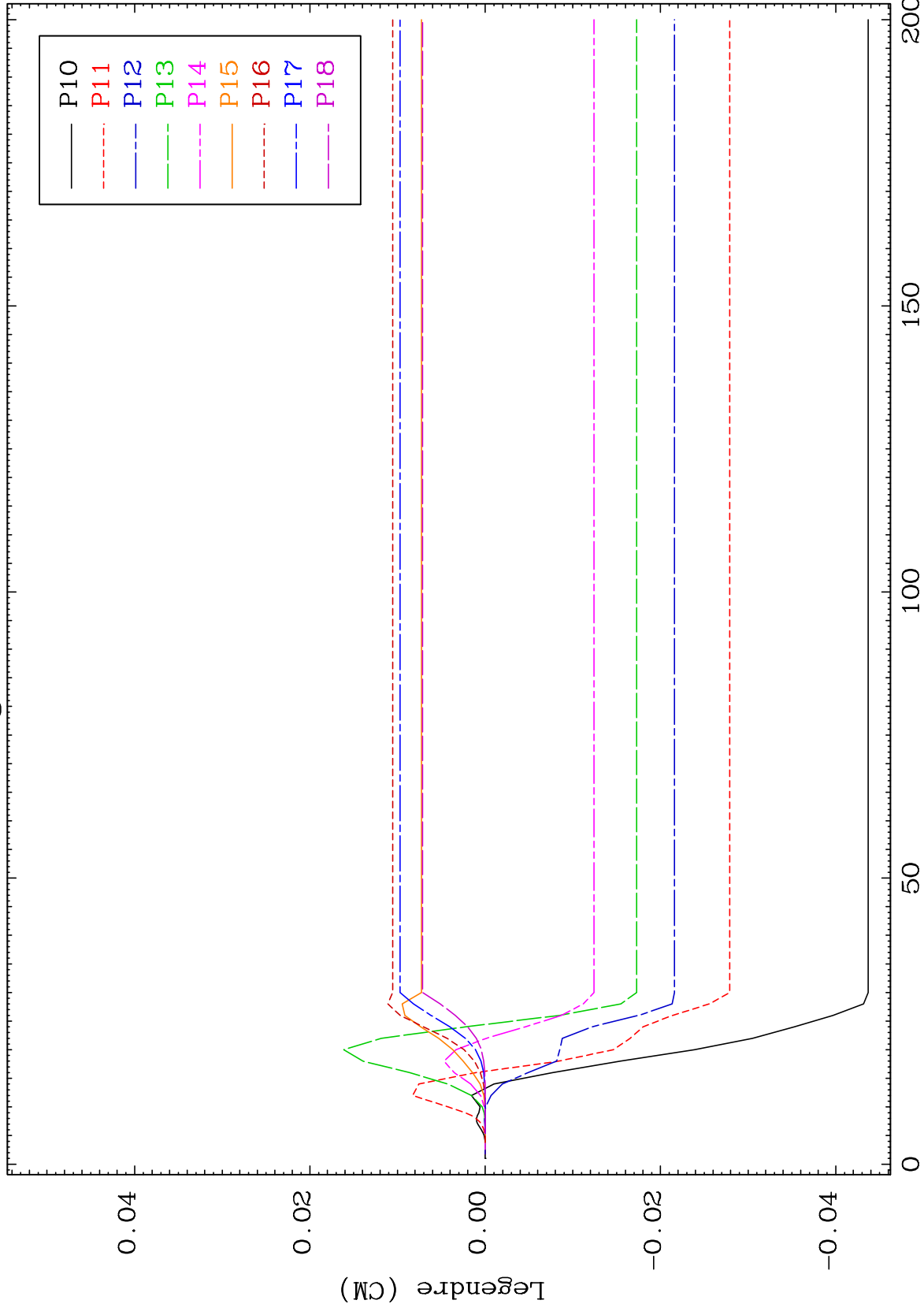
43-Tc-96



MAT 4316

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

43-Tc-96



56

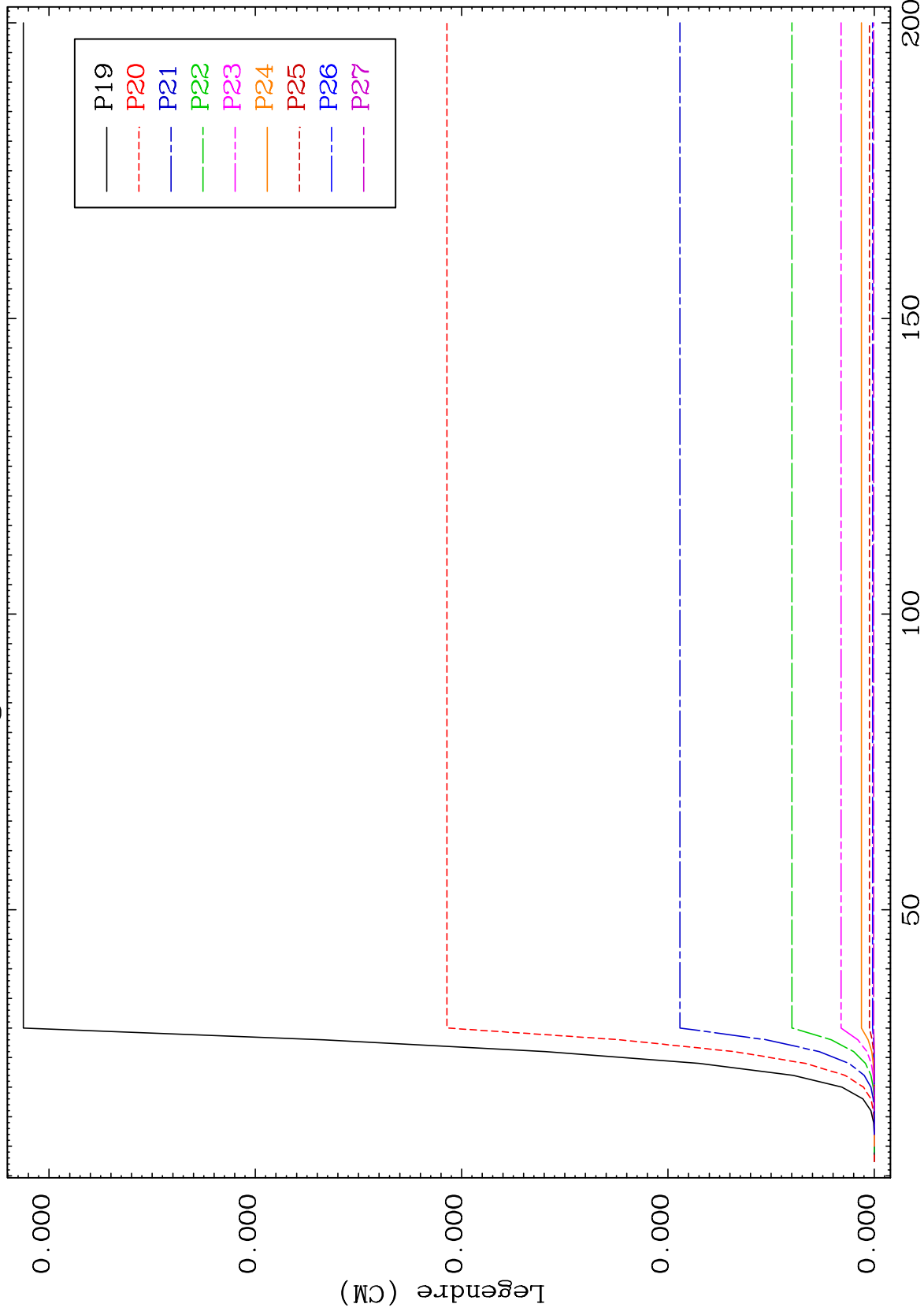
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



57

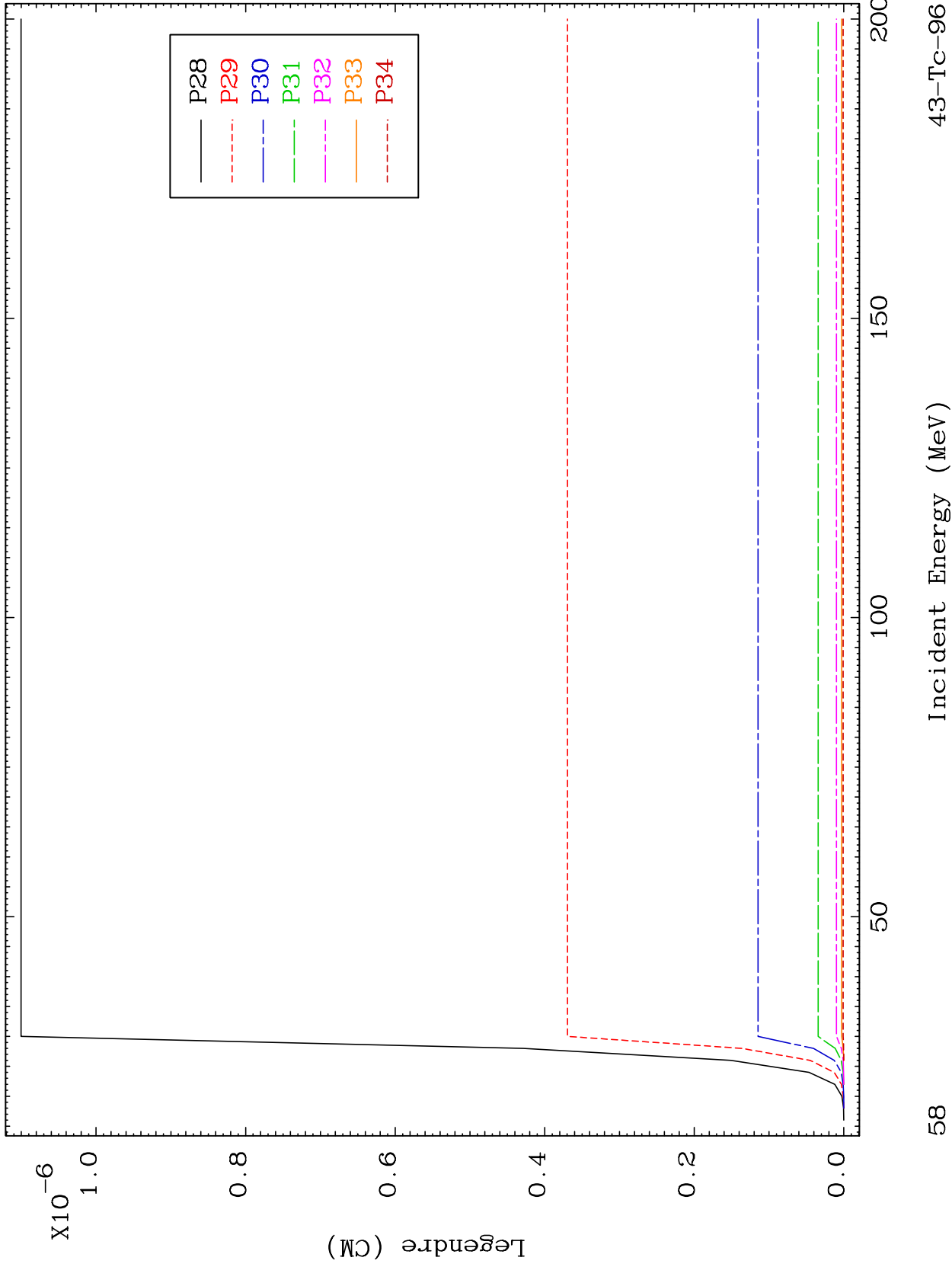
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

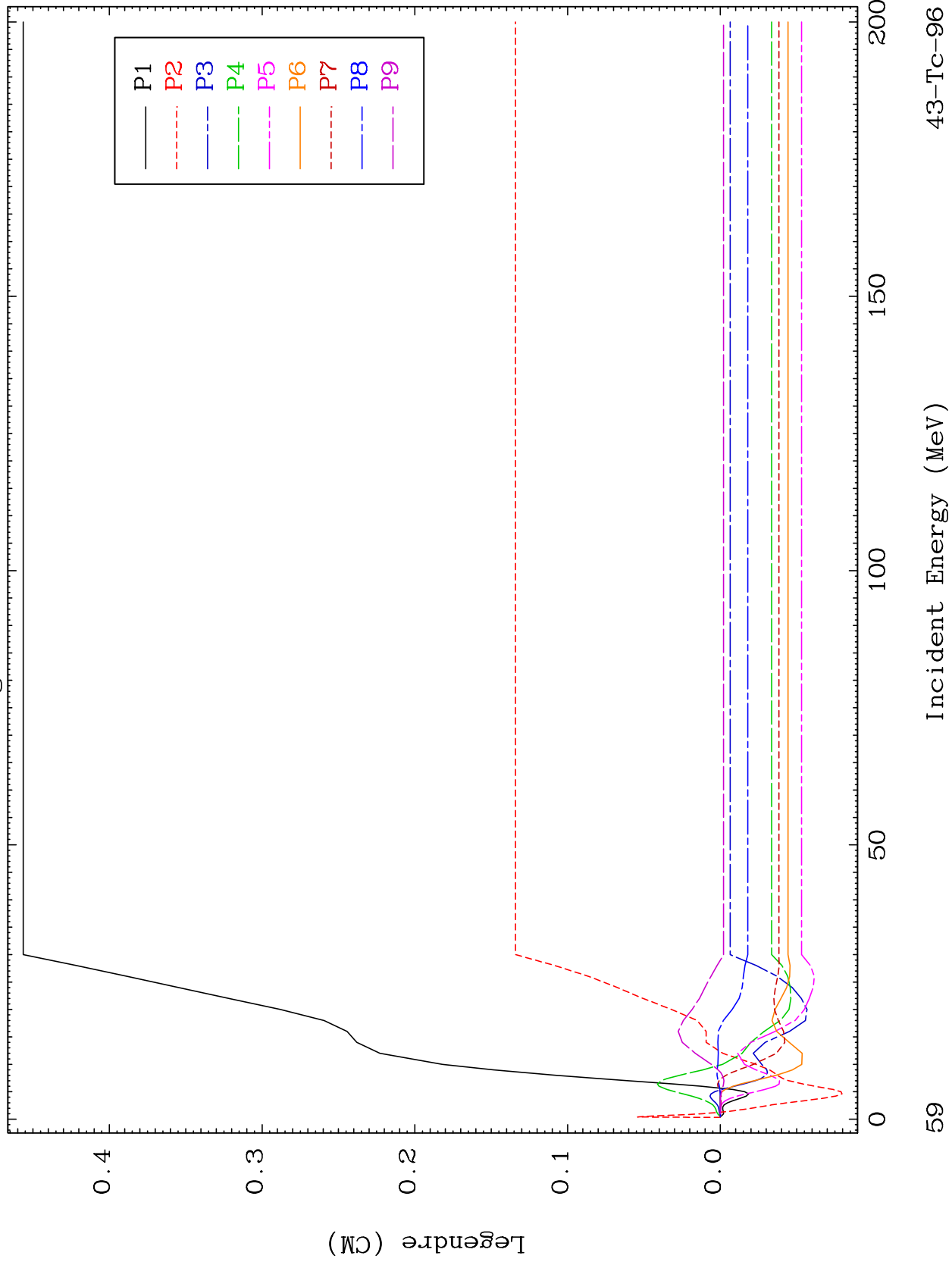
43-Tc-96



MAT 4316

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

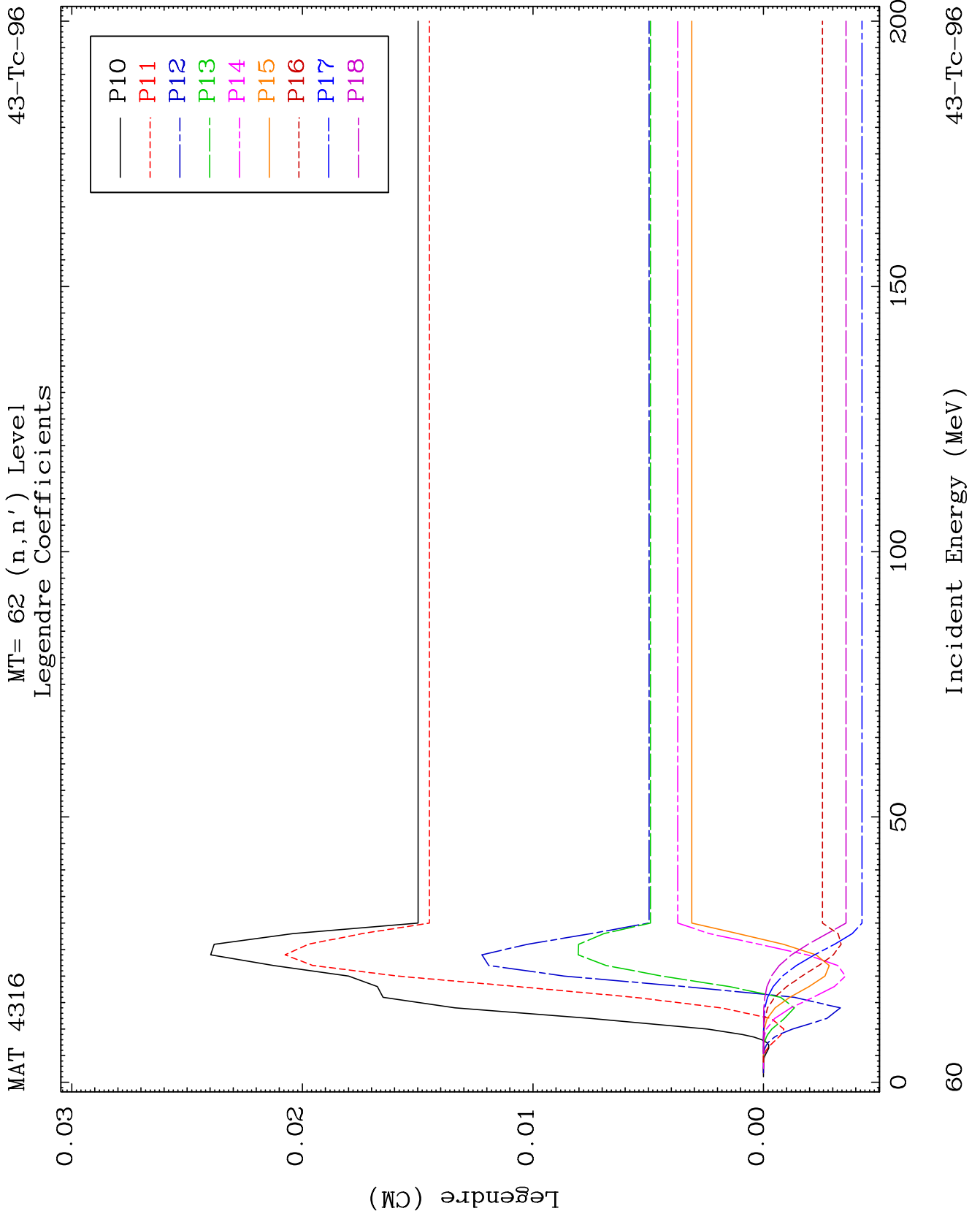
43-Tc-96



43-Tc-96

Incident Energy (MeV)

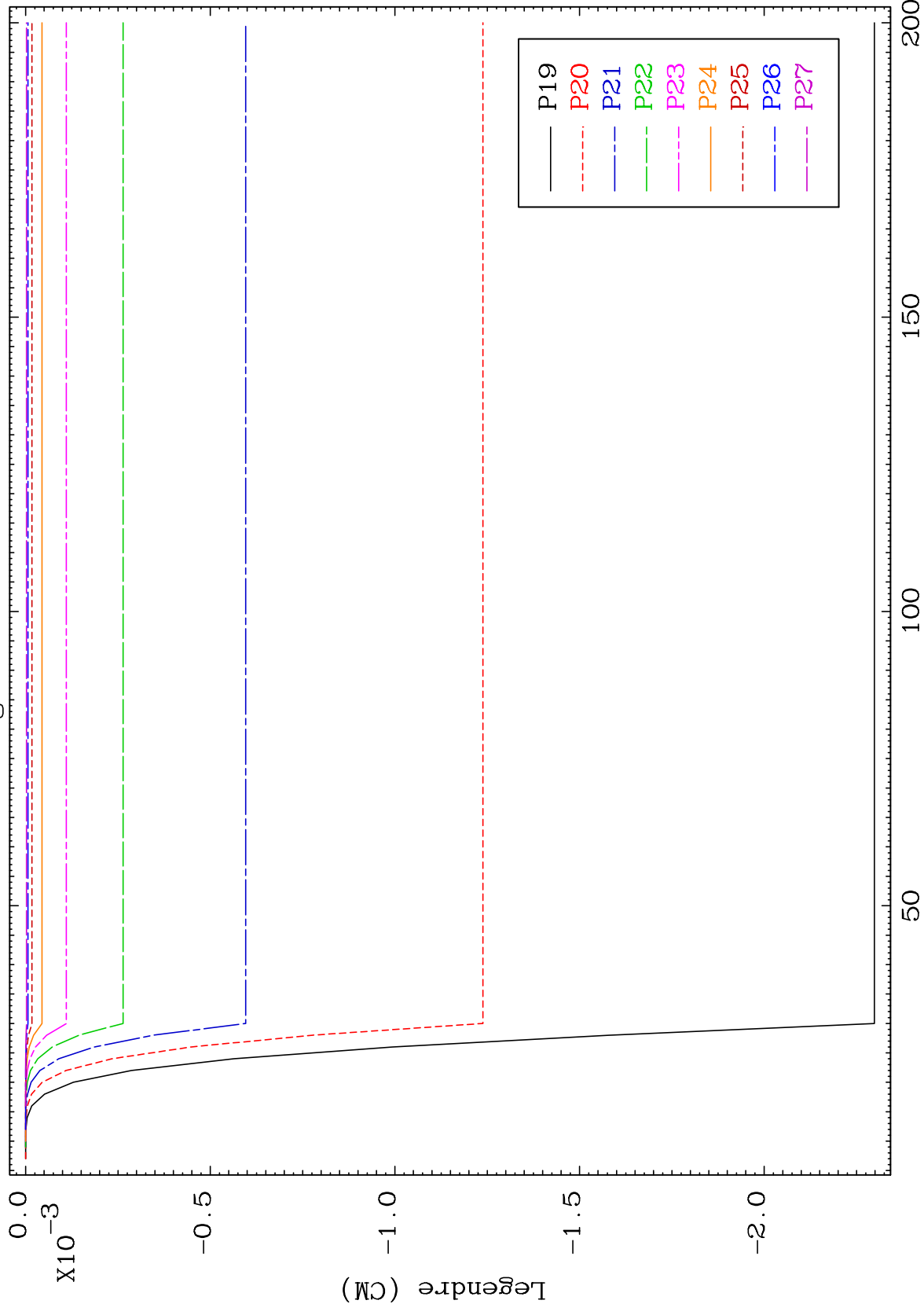
59



MAT 4316

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

43-Tc-96



61

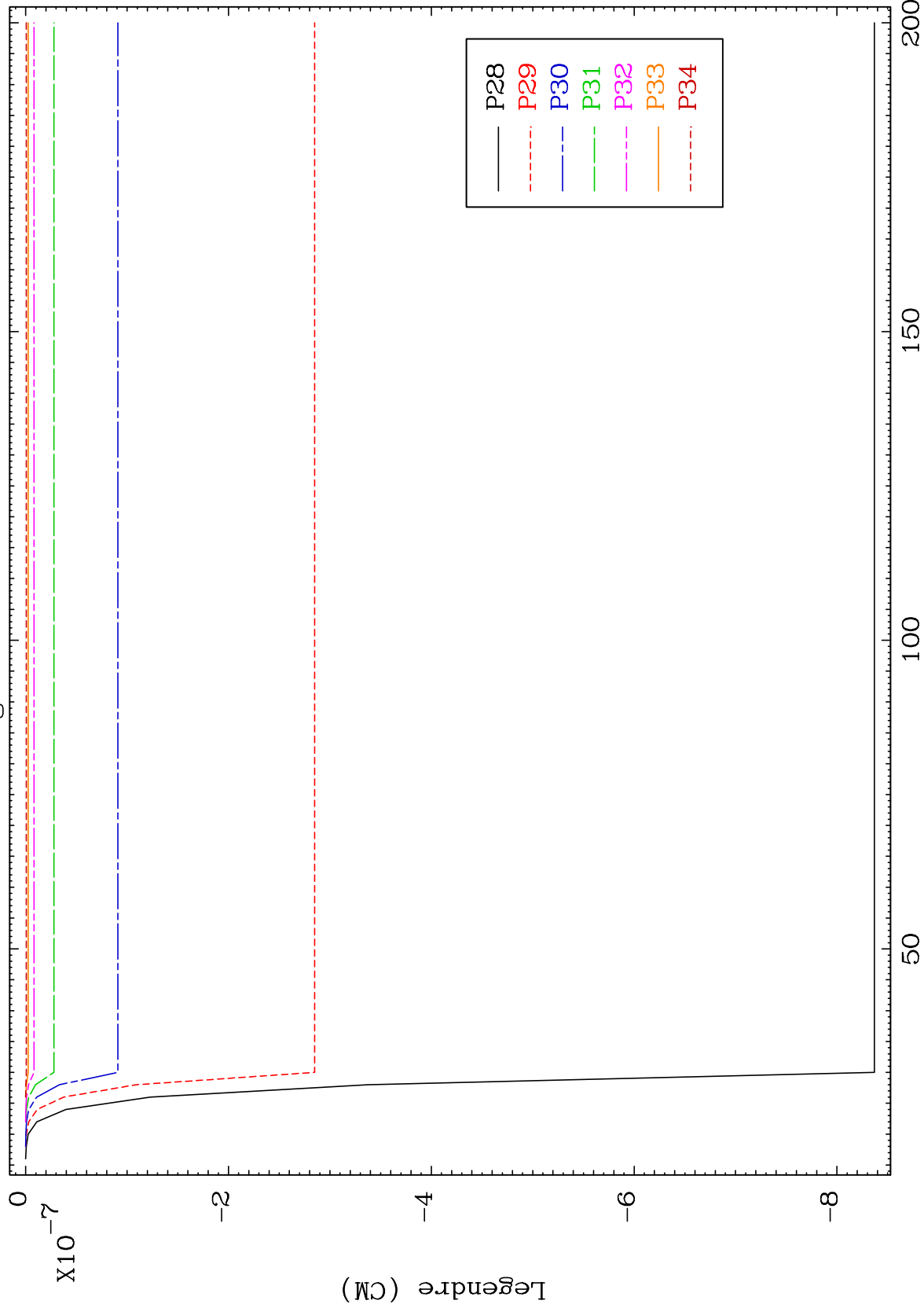
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



62

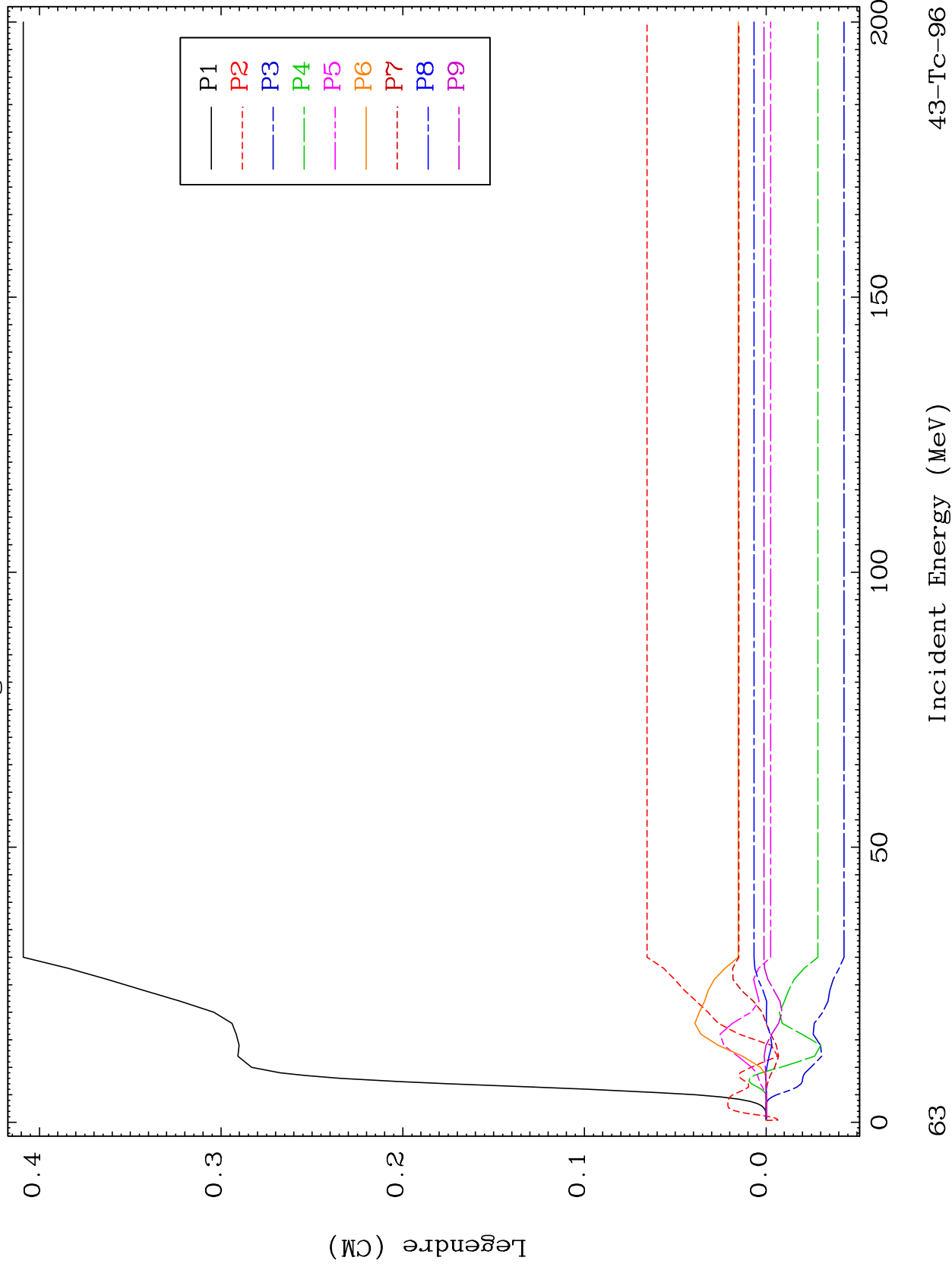
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

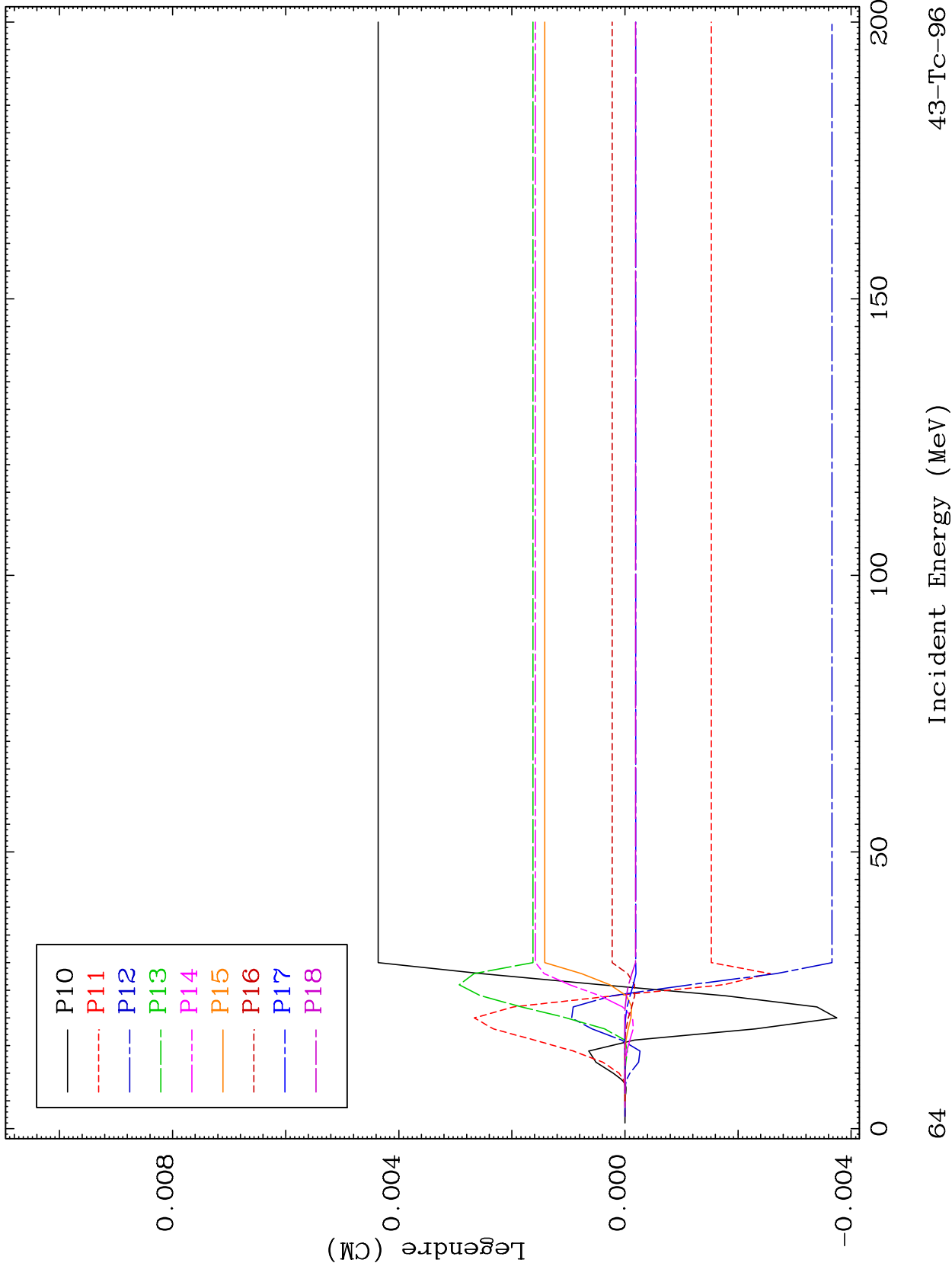
43-Tc-96



43-Tc-96

Incident Energy (MeV)

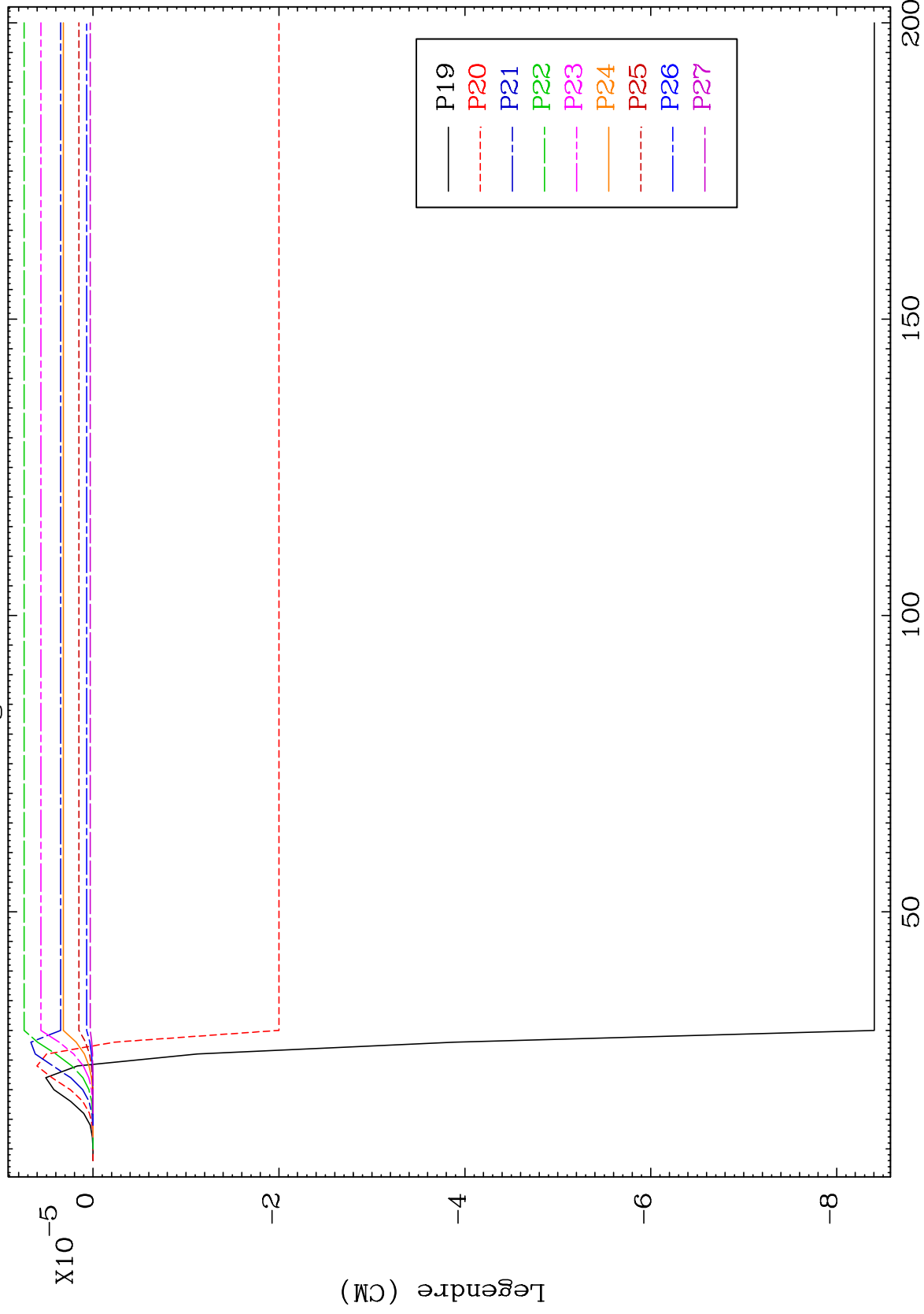
63



MAT 4316

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

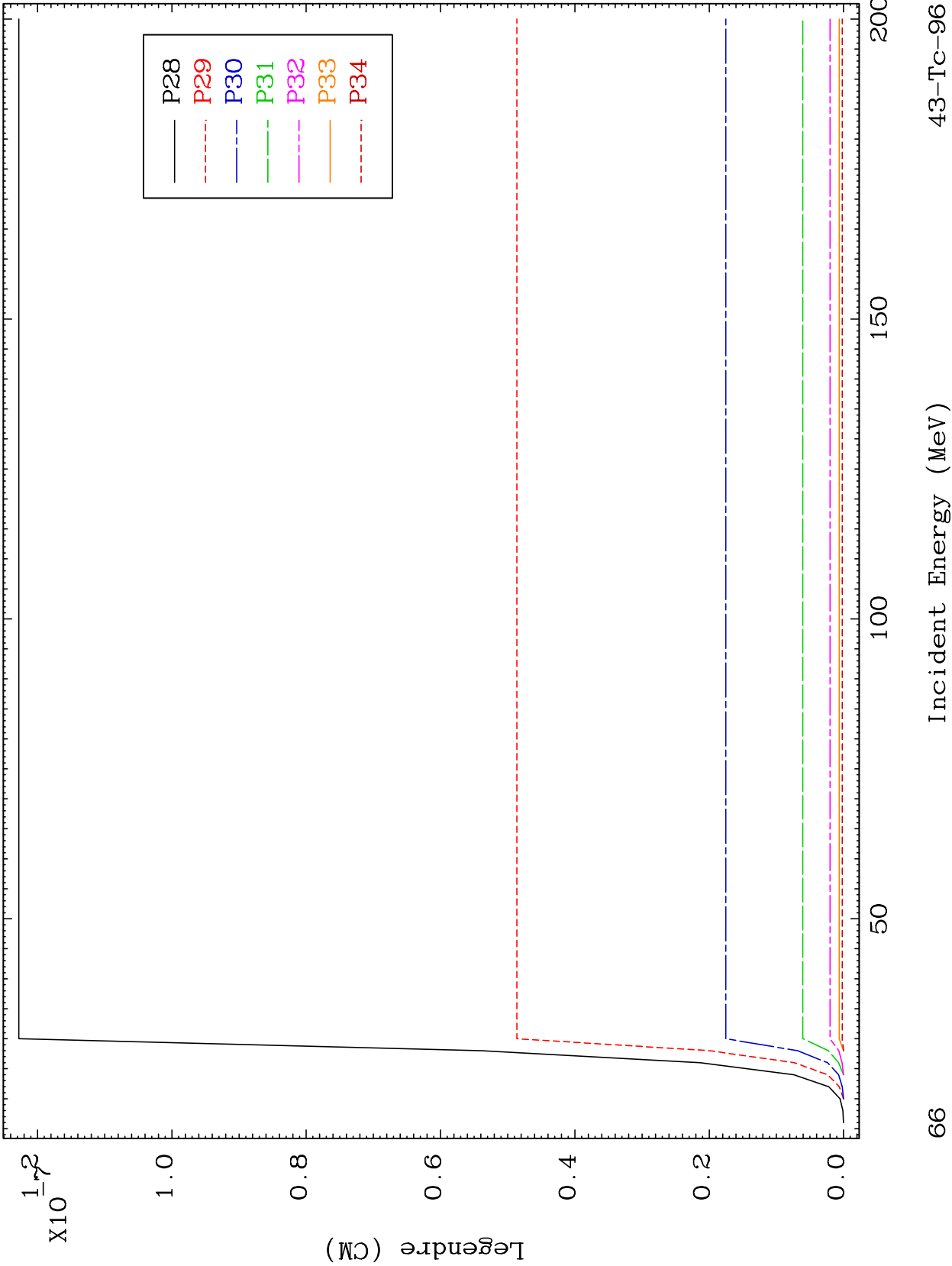
43-Tc-96



65

Incident Energy (MeV)

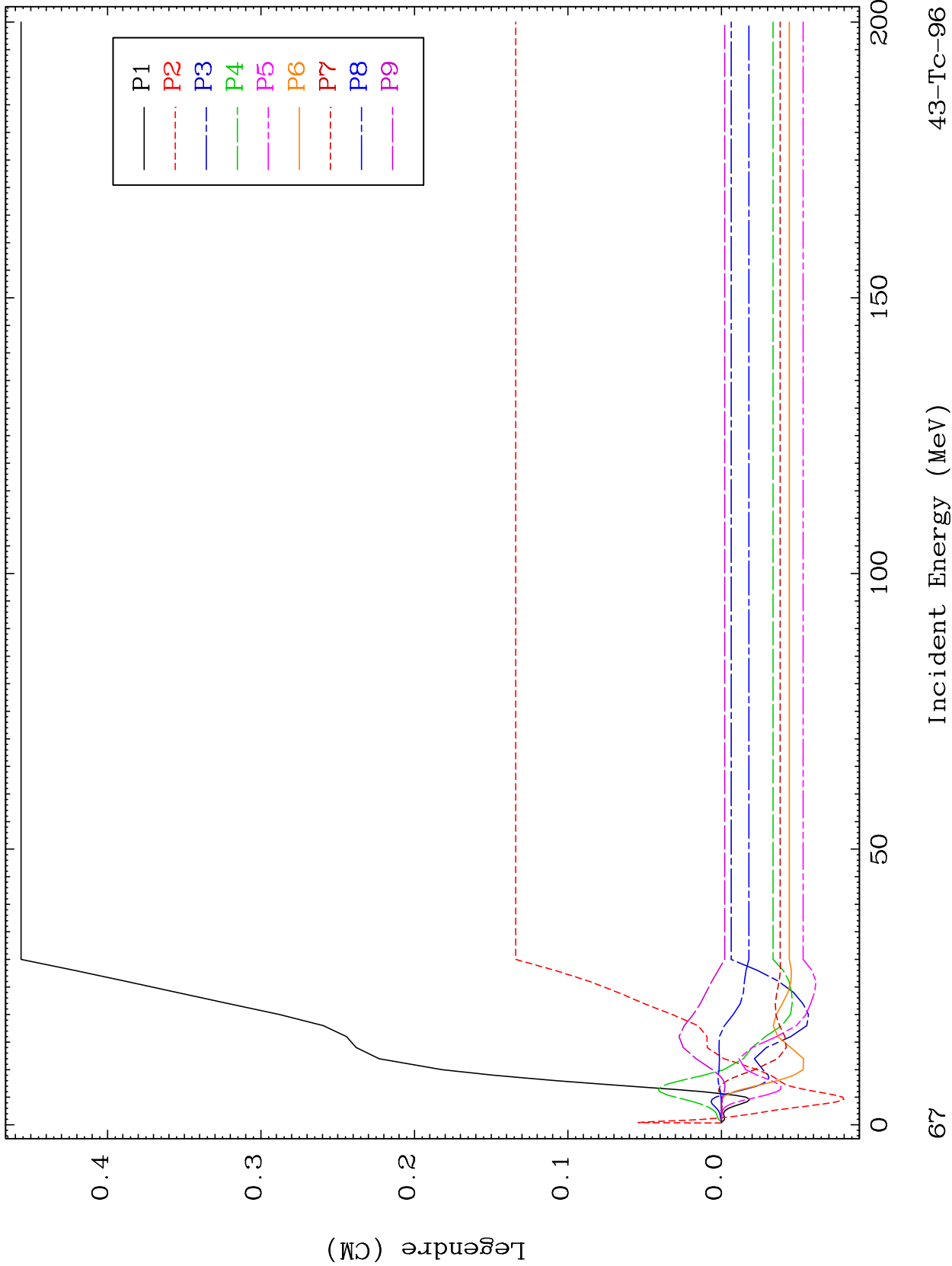
43-Tc-96



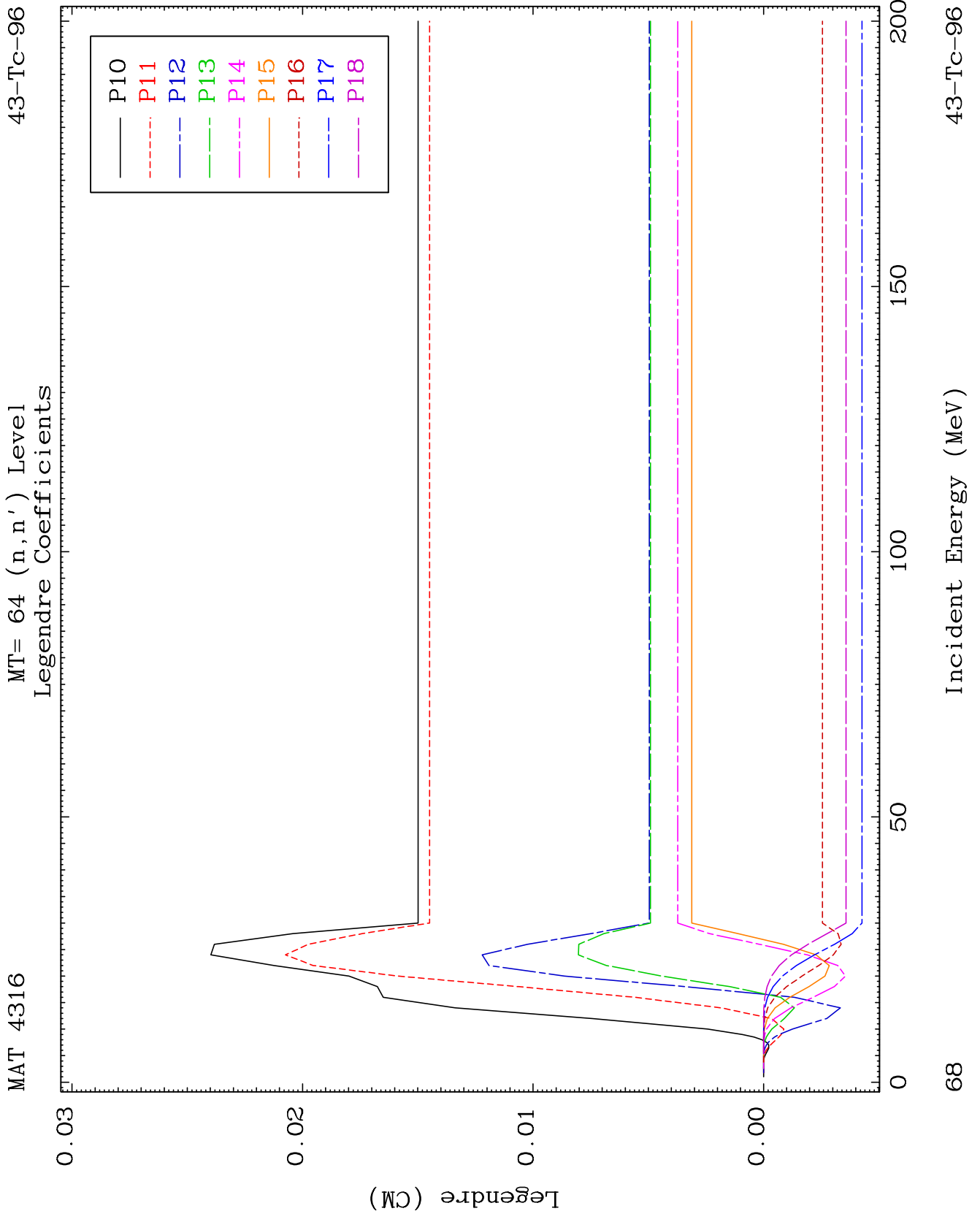
MAT 4316

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

43-Tc-96



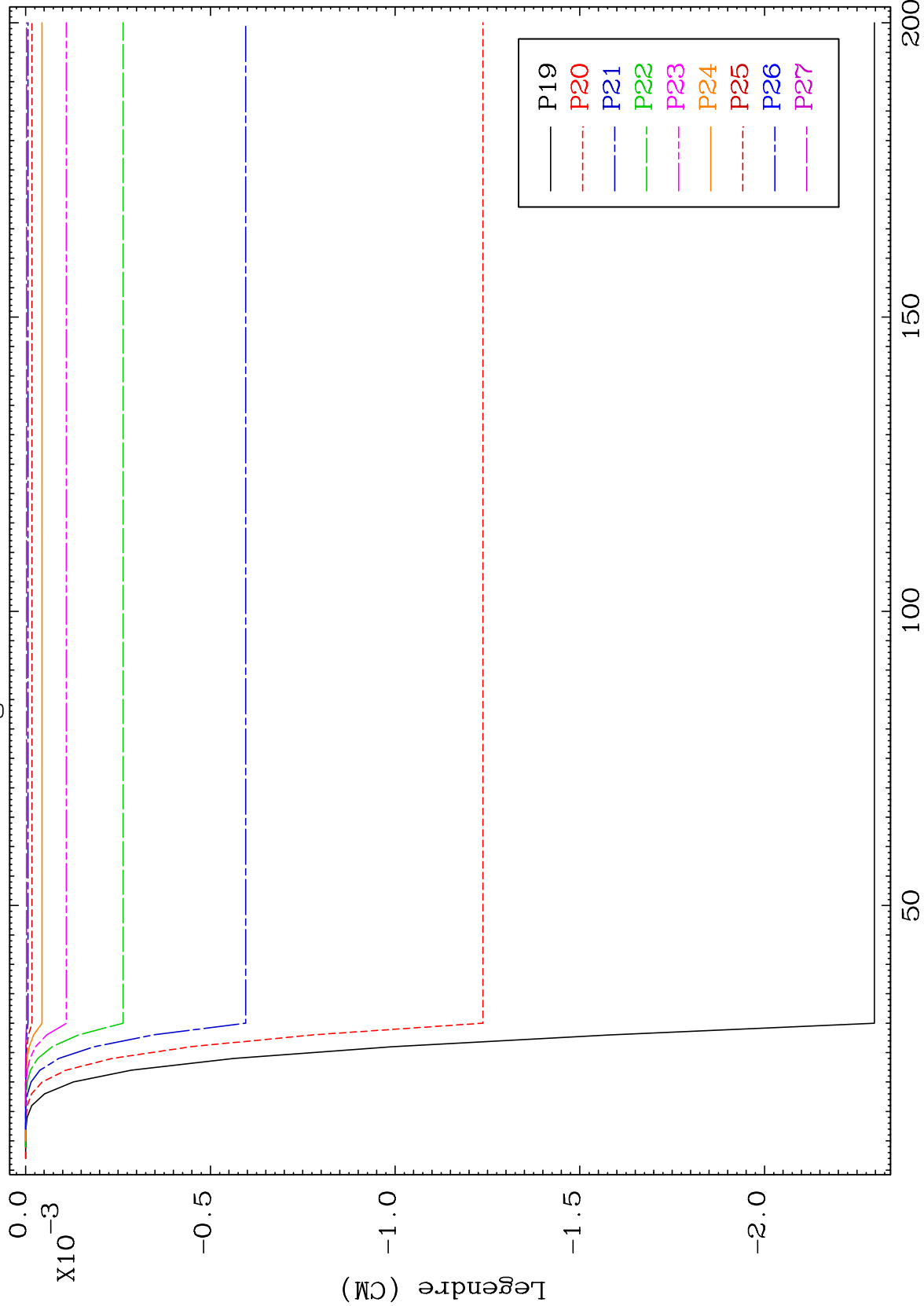
43-Tc-96



43-Tc-96

Incident Energy (MeV)

68

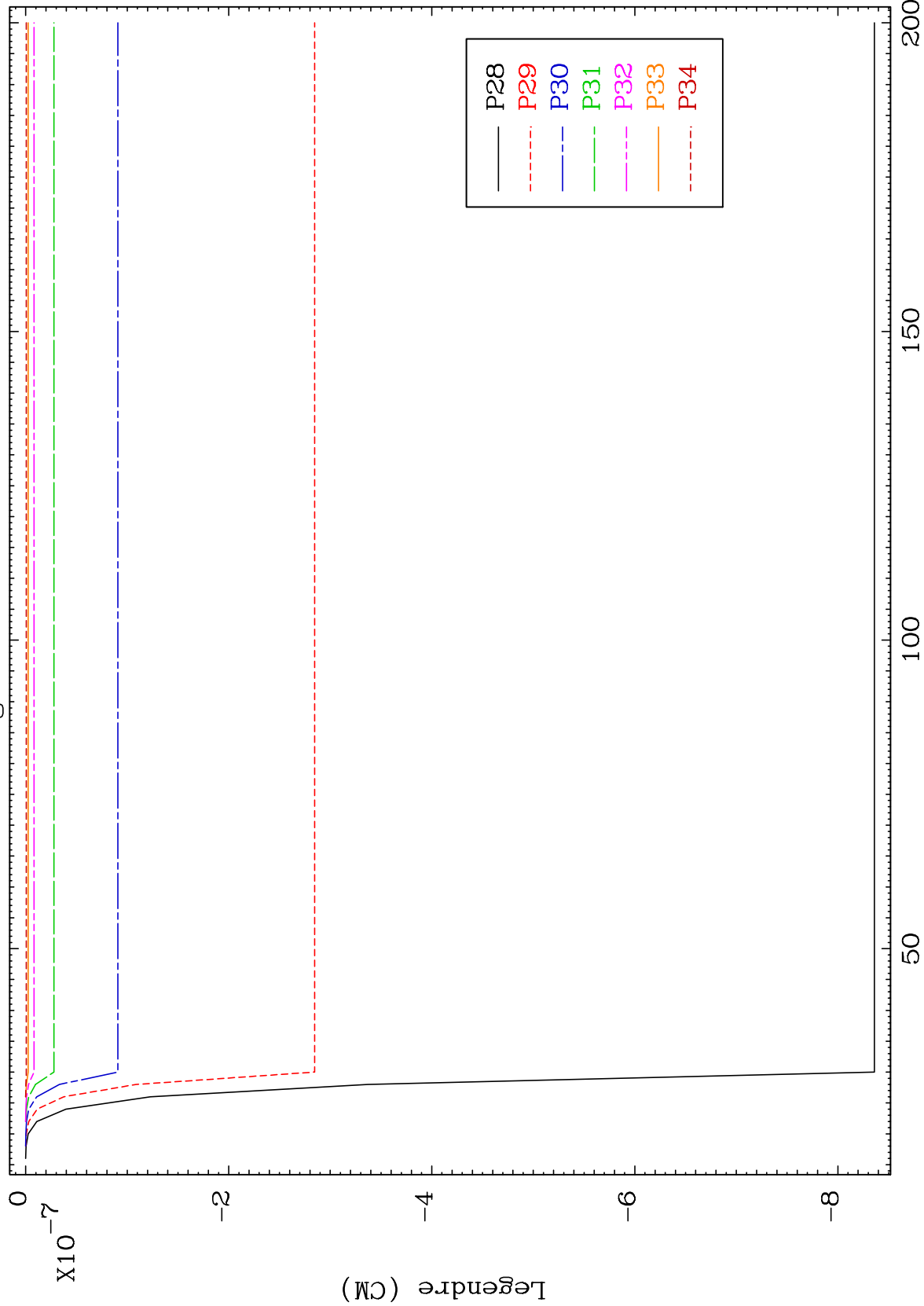


MAT 4316

MT= 64 (n,n') Level

43-Tc-96

Legendre Coefficients



70

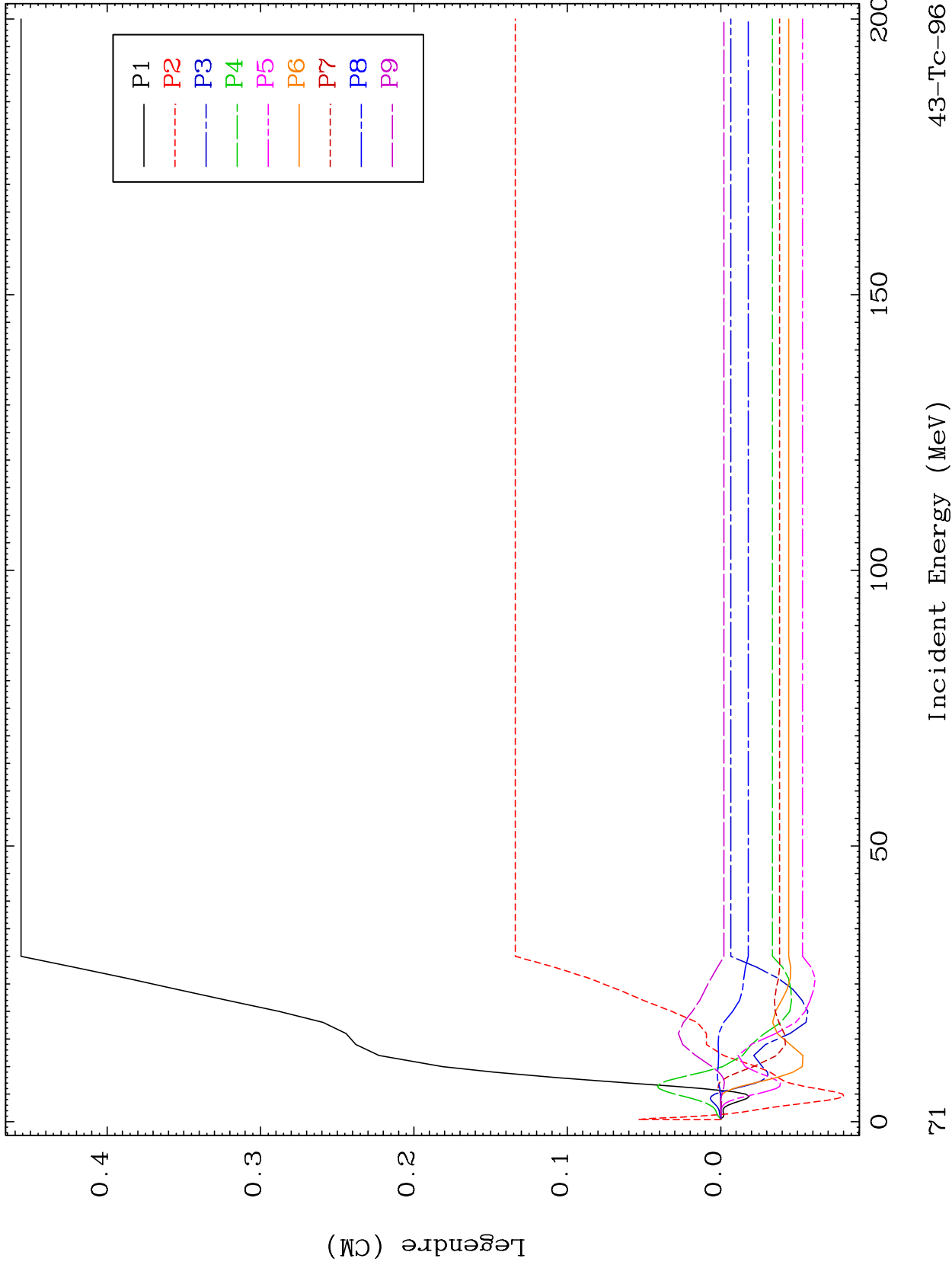
Incident Energy (MeV)

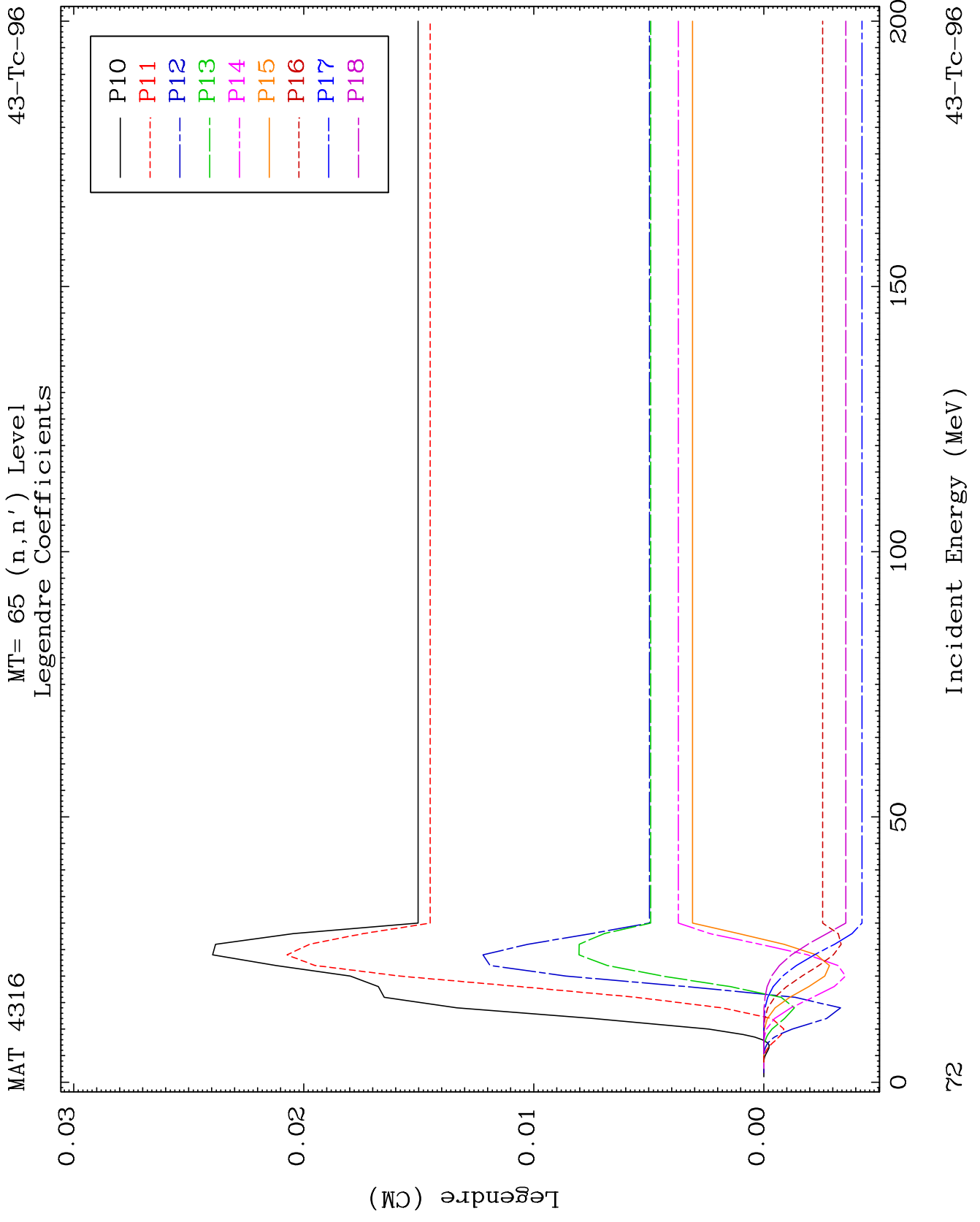
43-Tc-96

MAT 4316

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

43-Tc-96

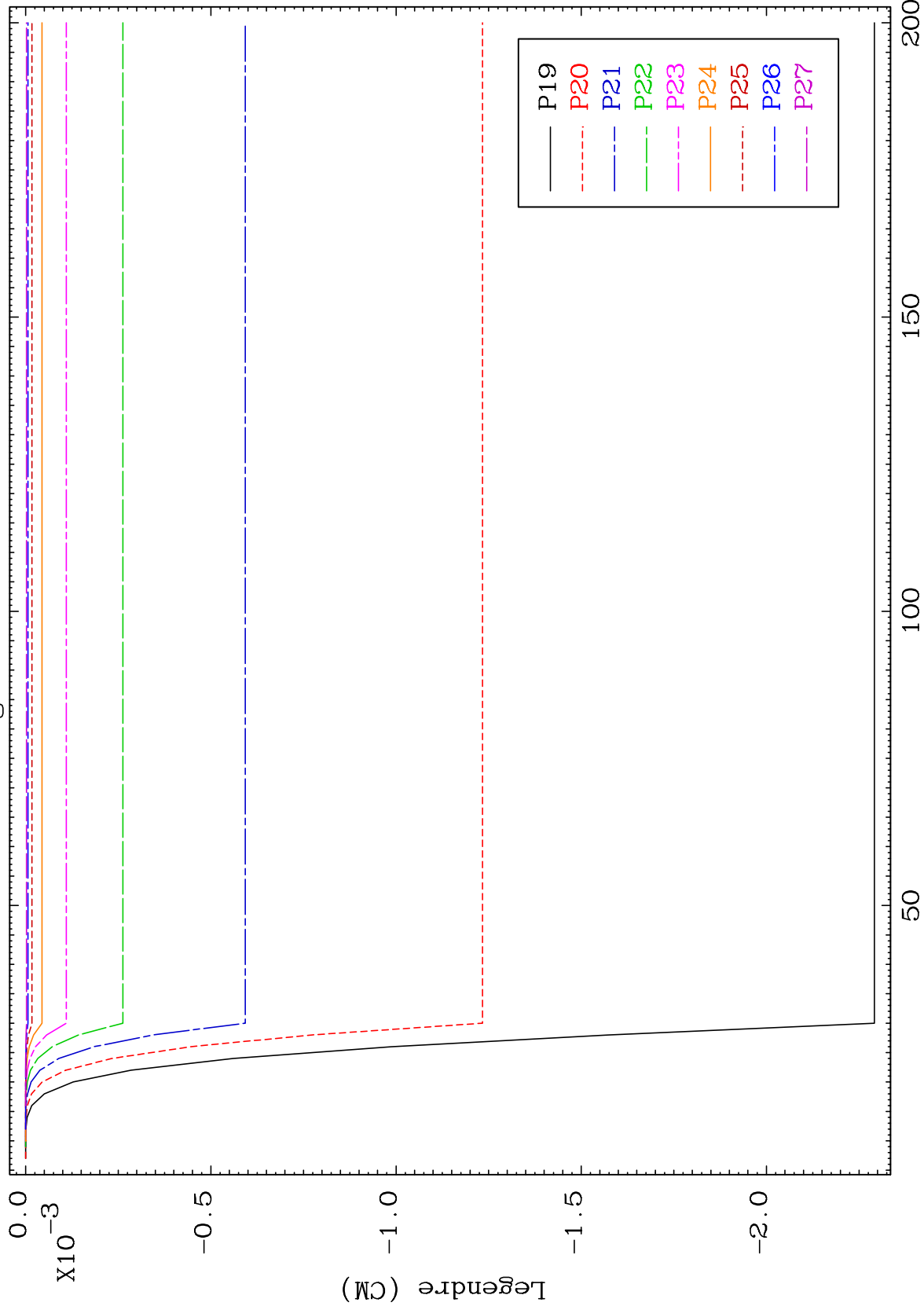




MAT 4316

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

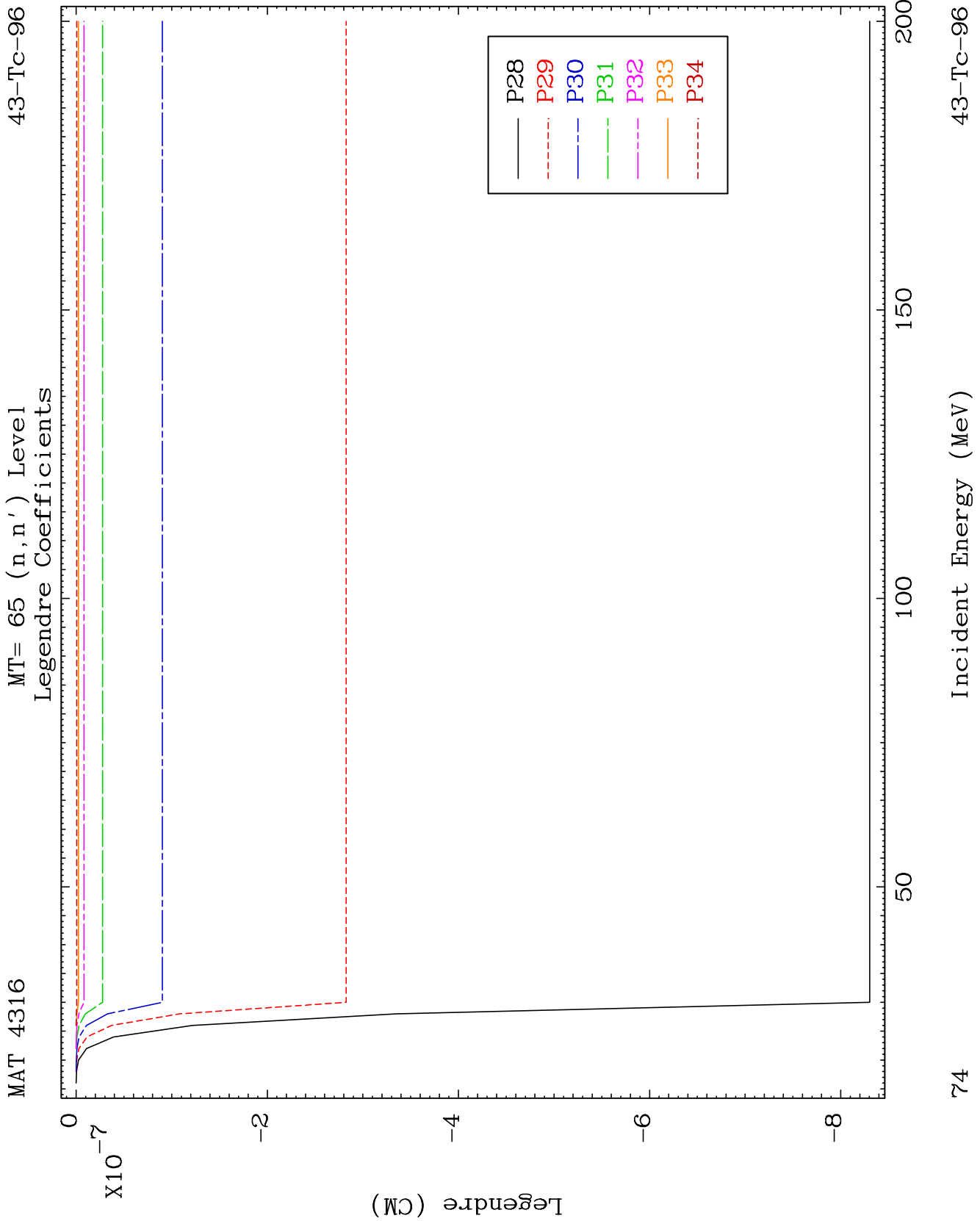
43-Tc-96



73

Incident Energy (MeV)

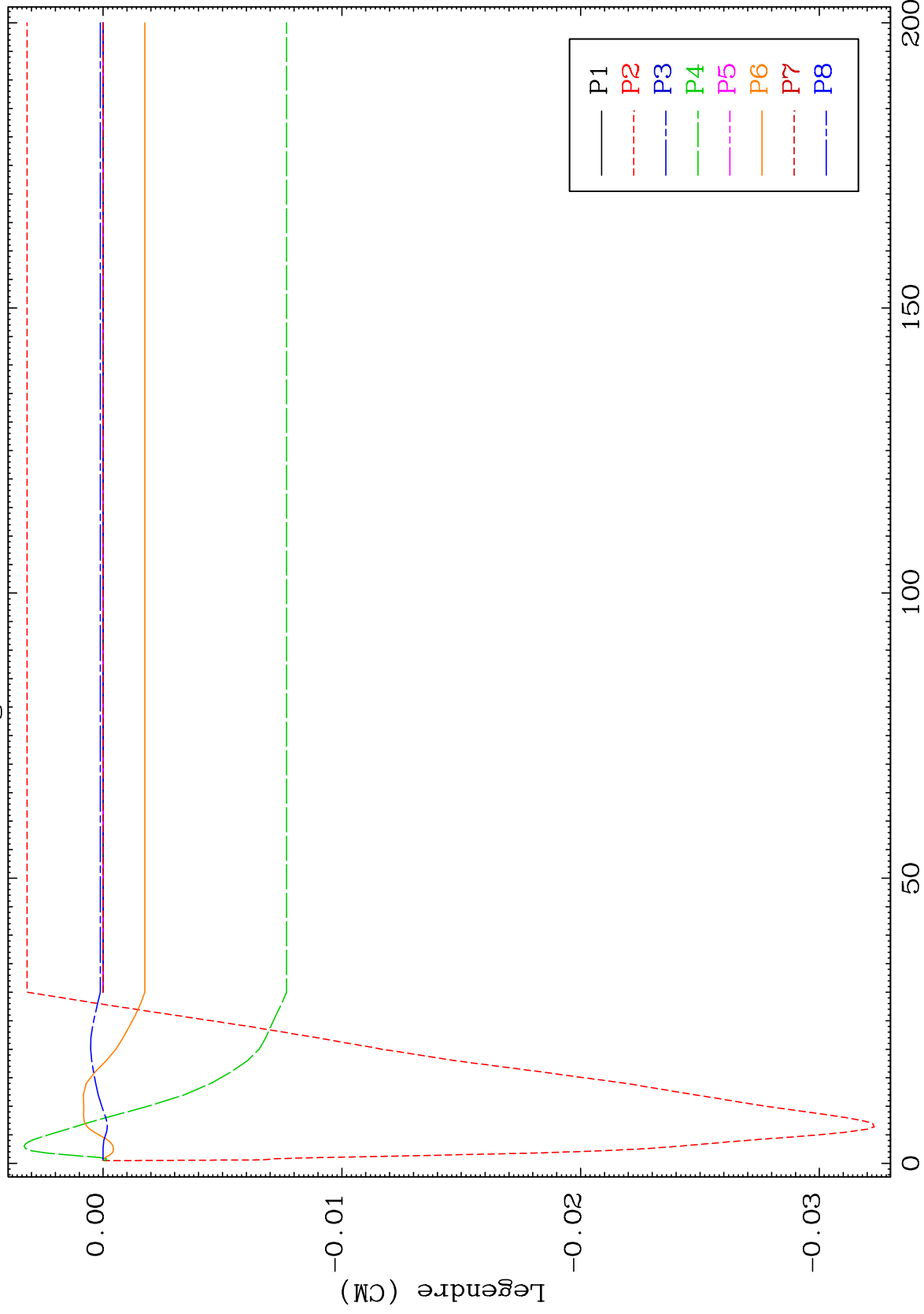
43-Tc-96



MAT 4316

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

43-Tc-96



75

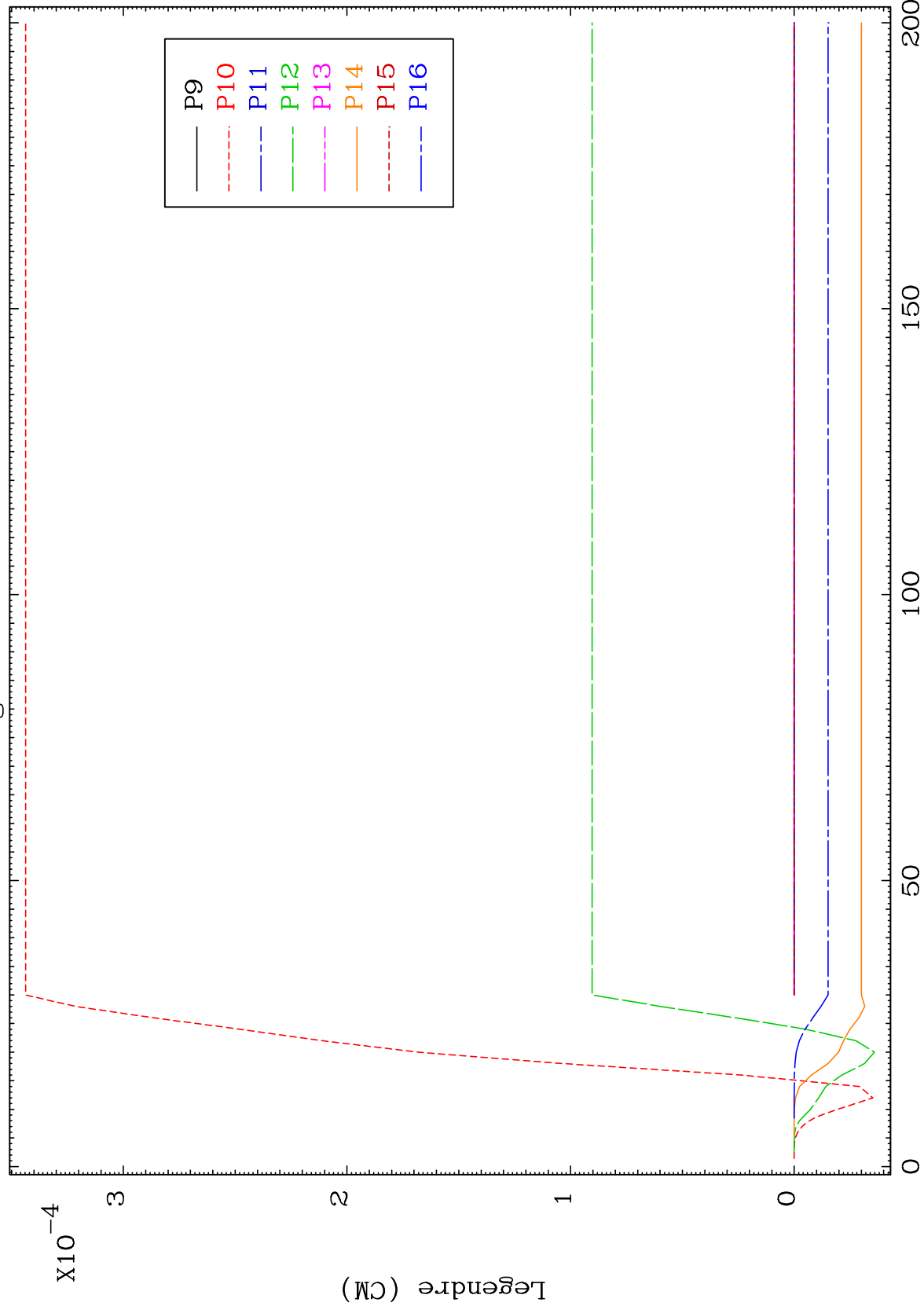
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



76

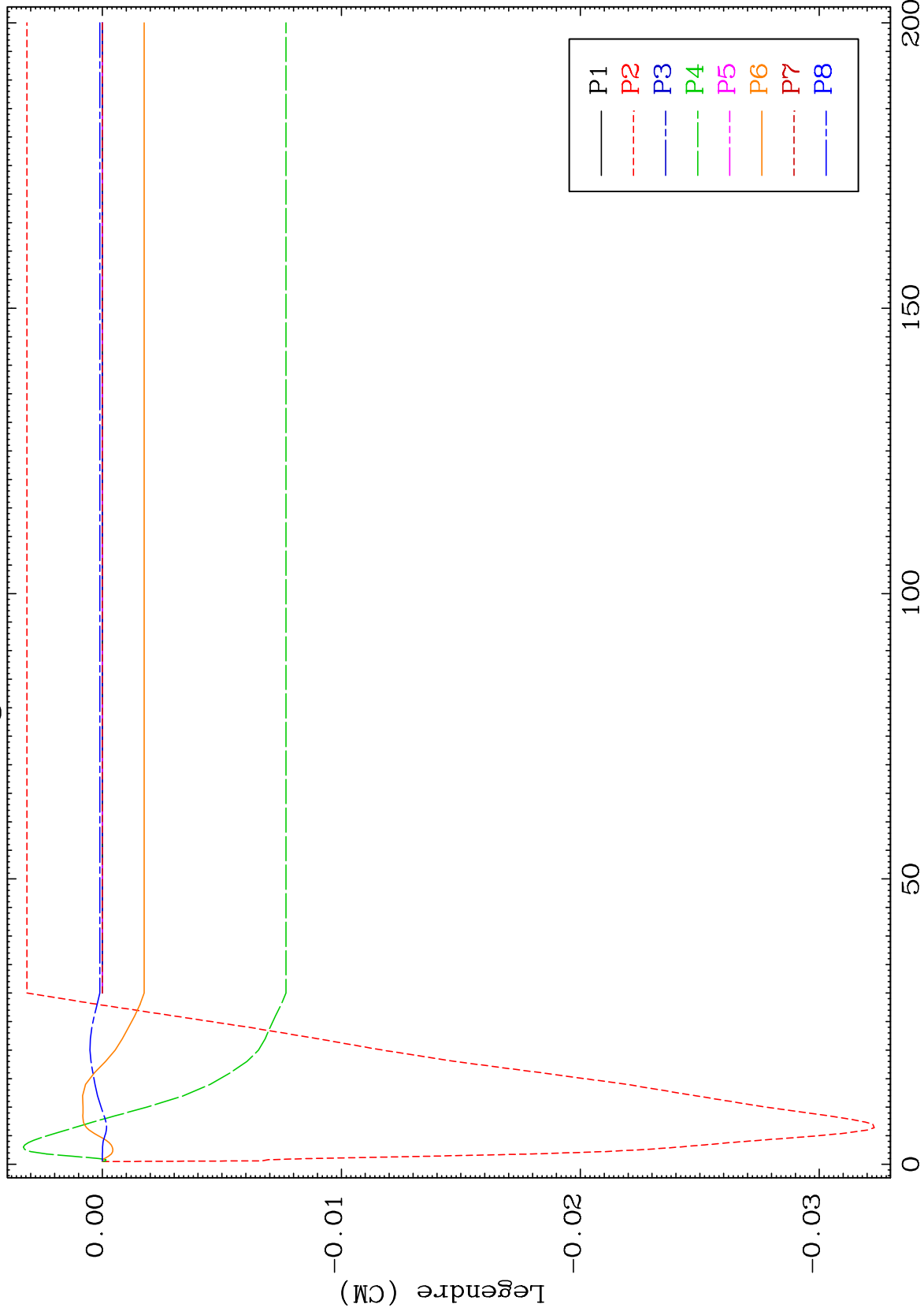
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



78

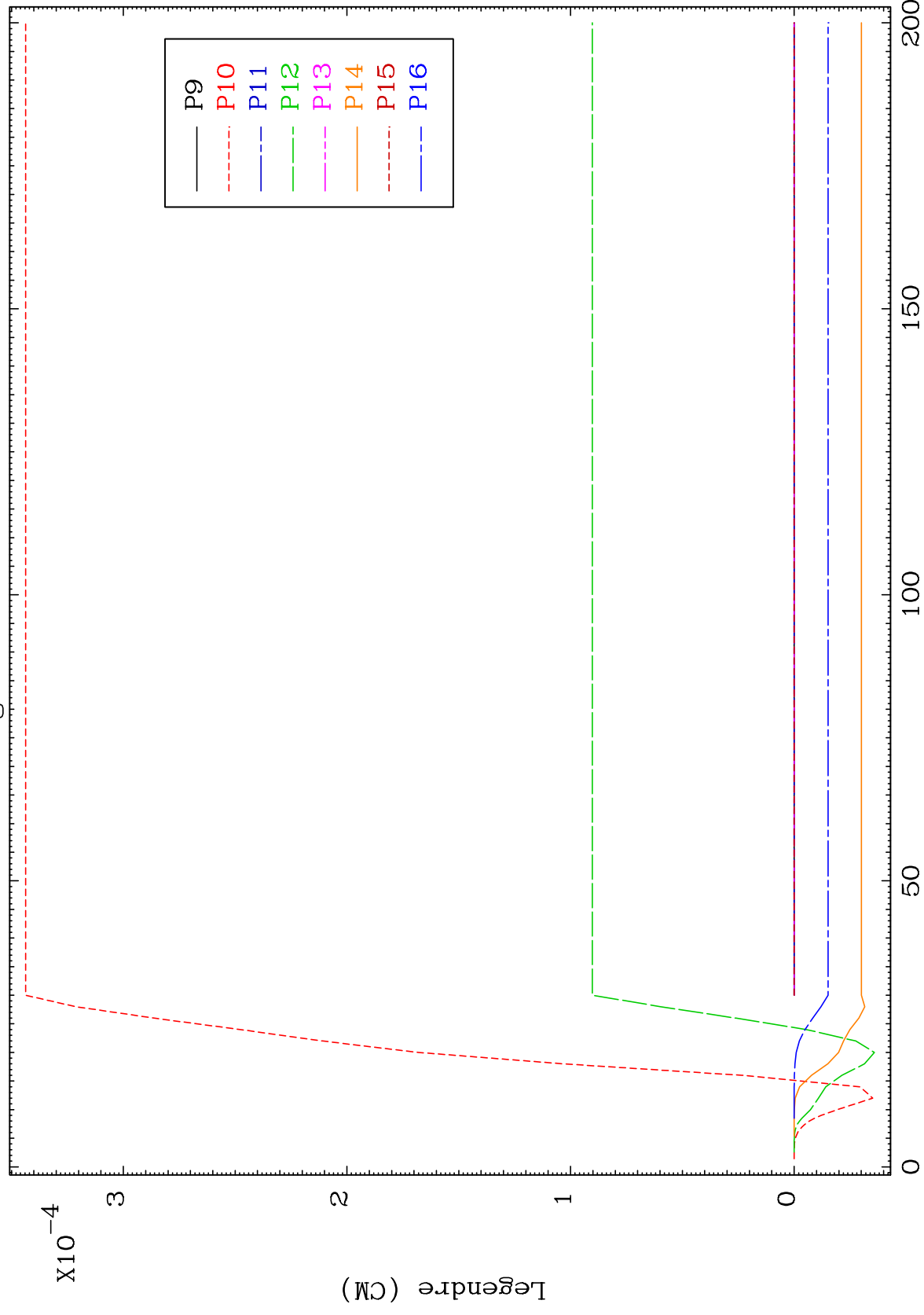
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

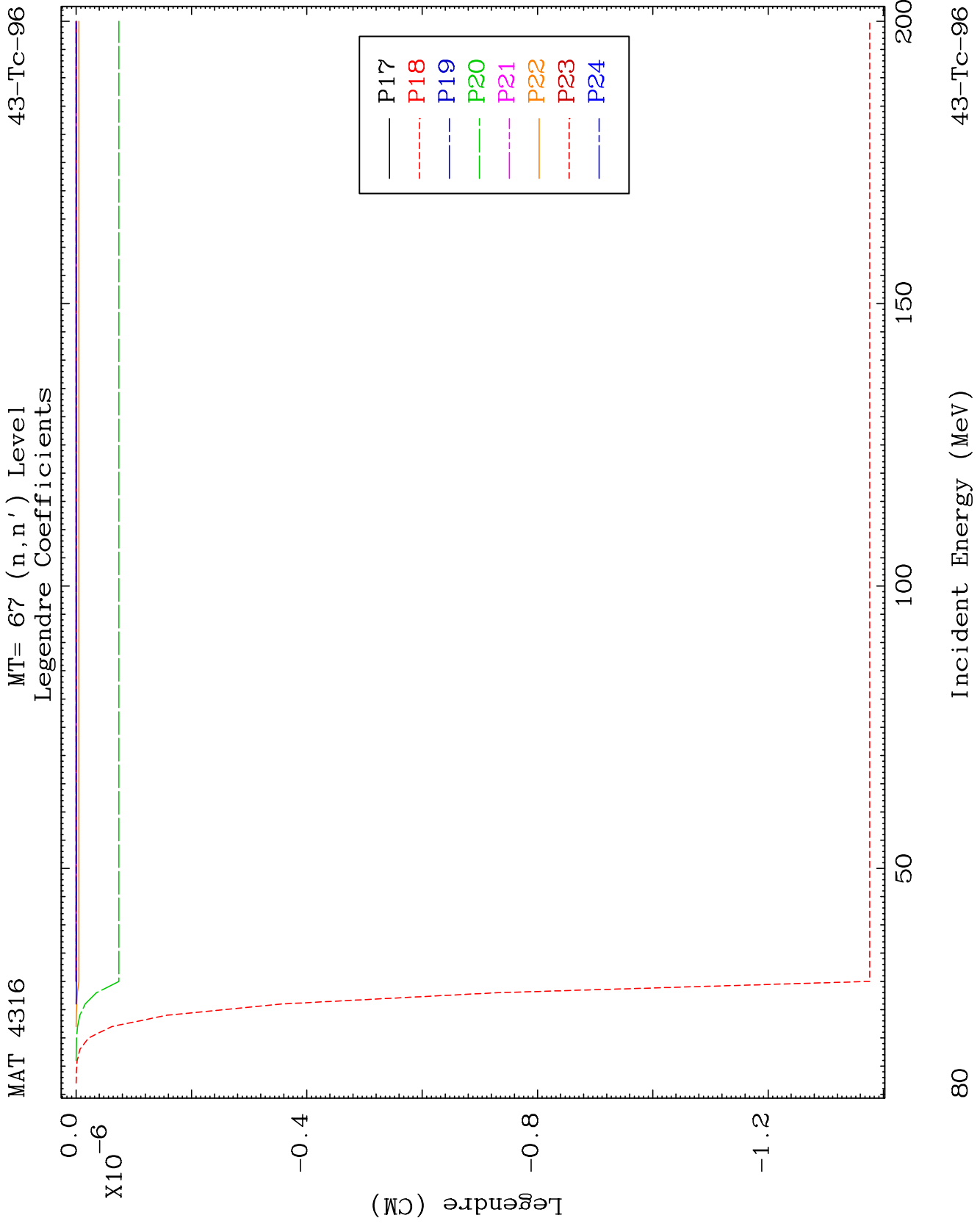
43-Tc-96



79

Incident Energy (MeV)

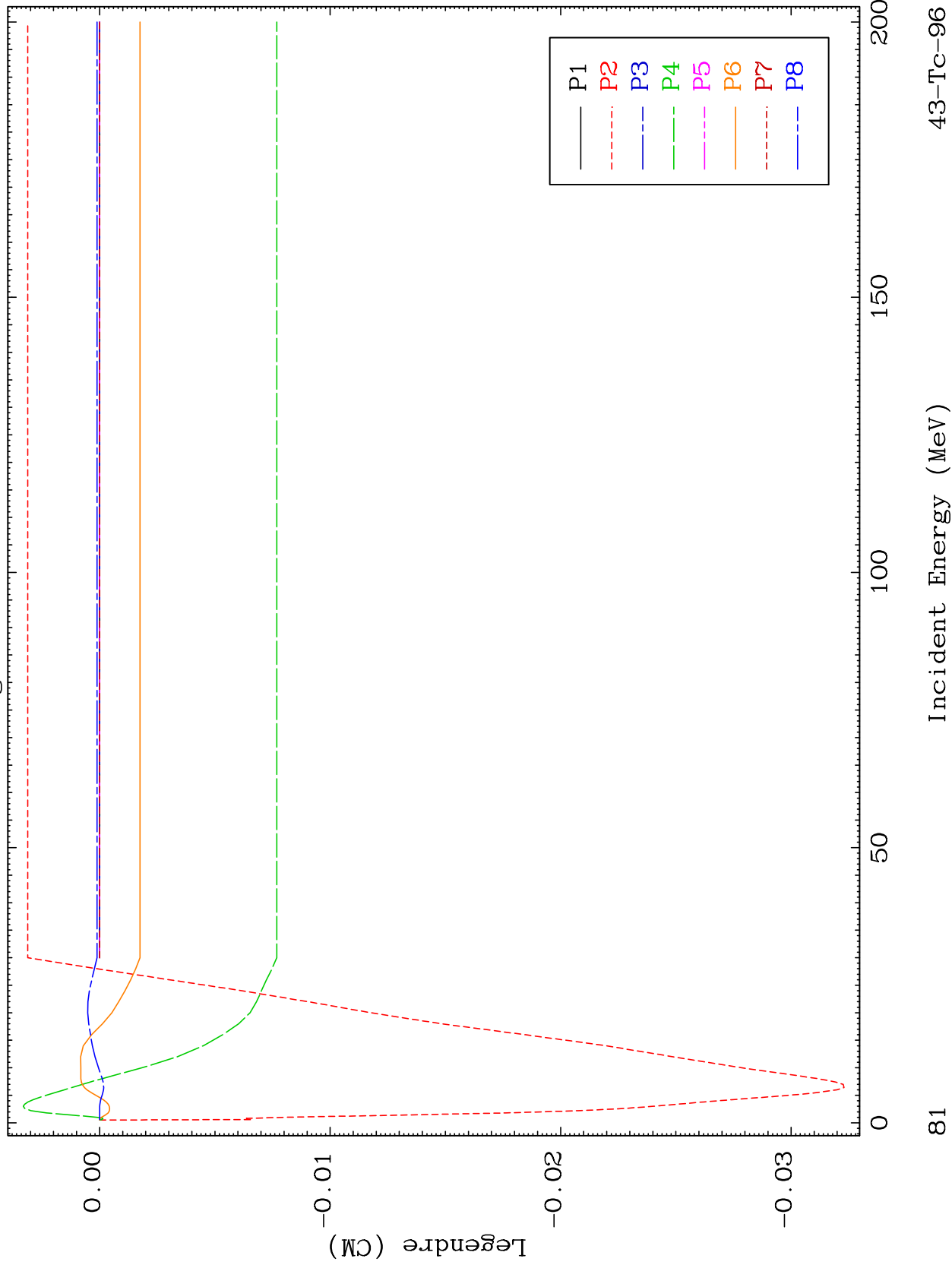
43-Tc-96



MAT 4316

43-Tc-96

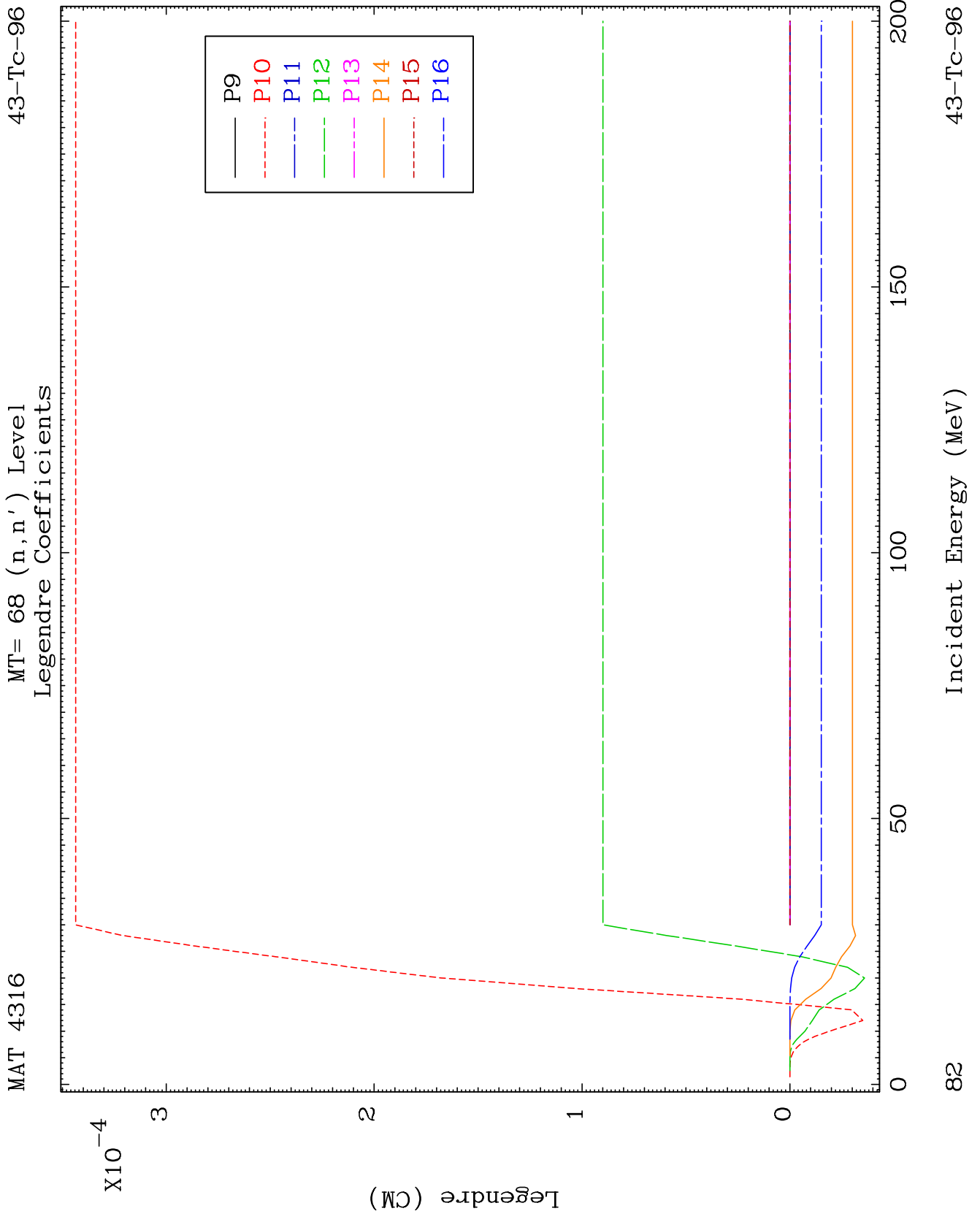
MT= 68 (n,n') Level
Legendre Coefficients

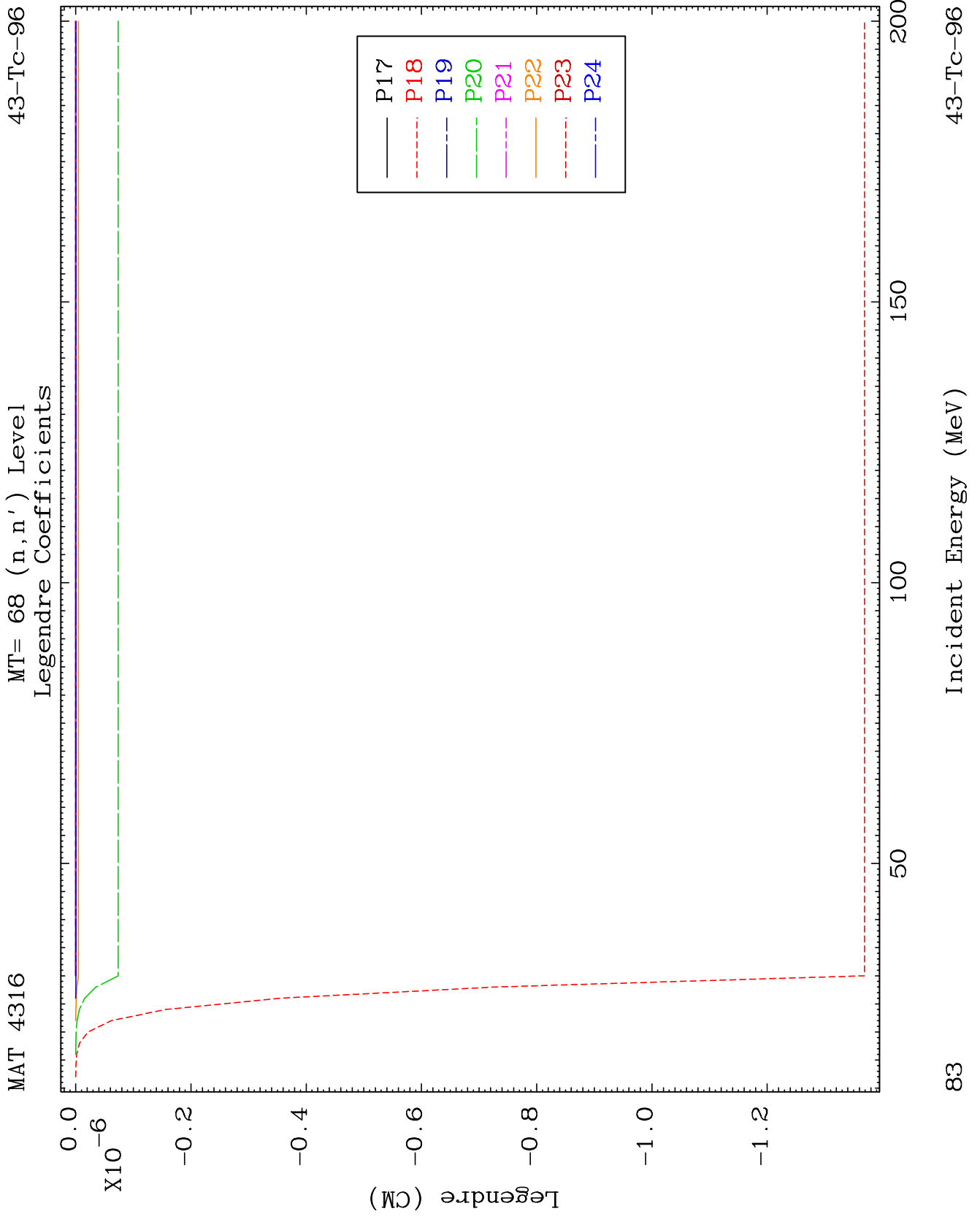


81

Incident Energy (MeV)

43-Tc-96

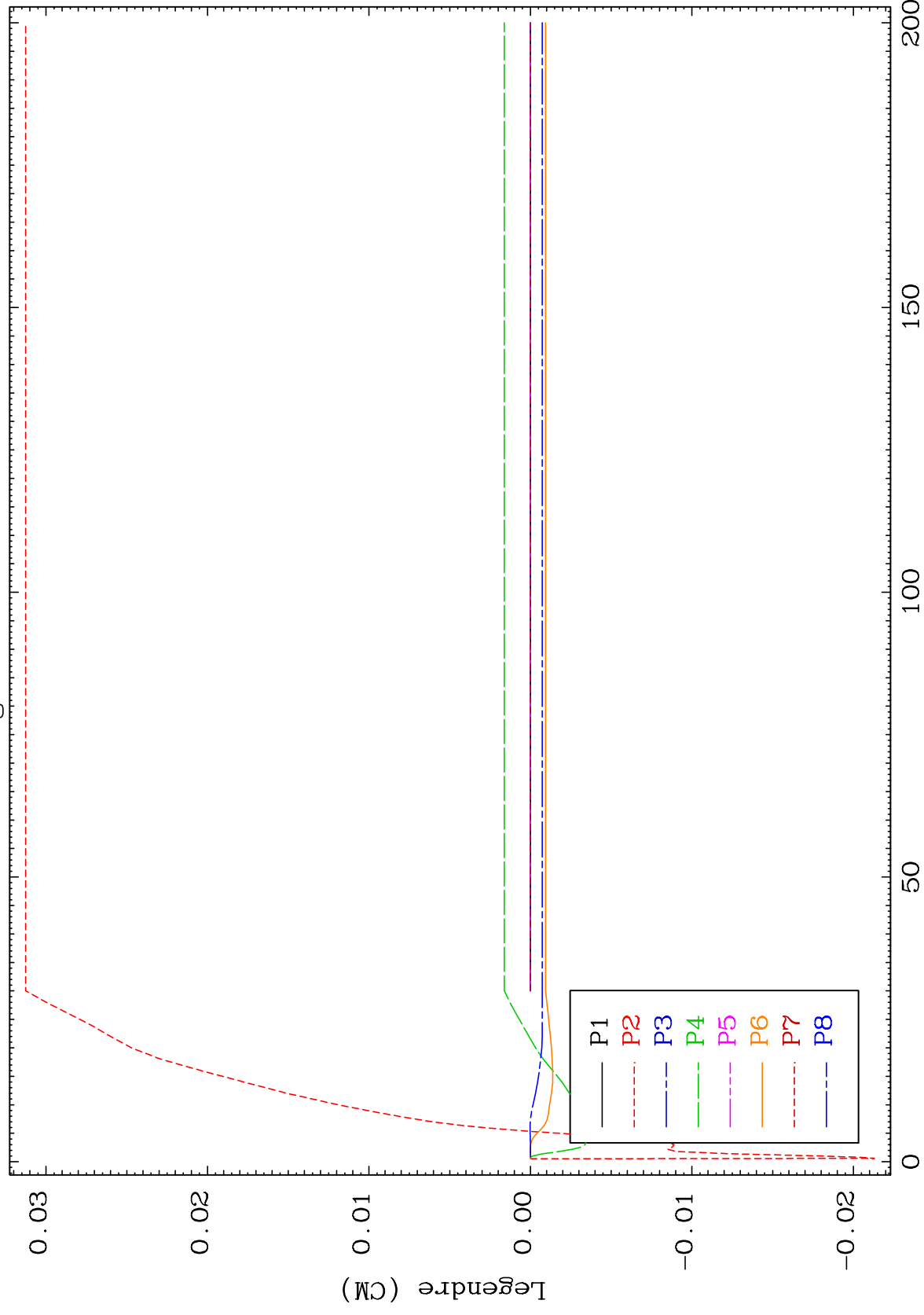




MAT 4316

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

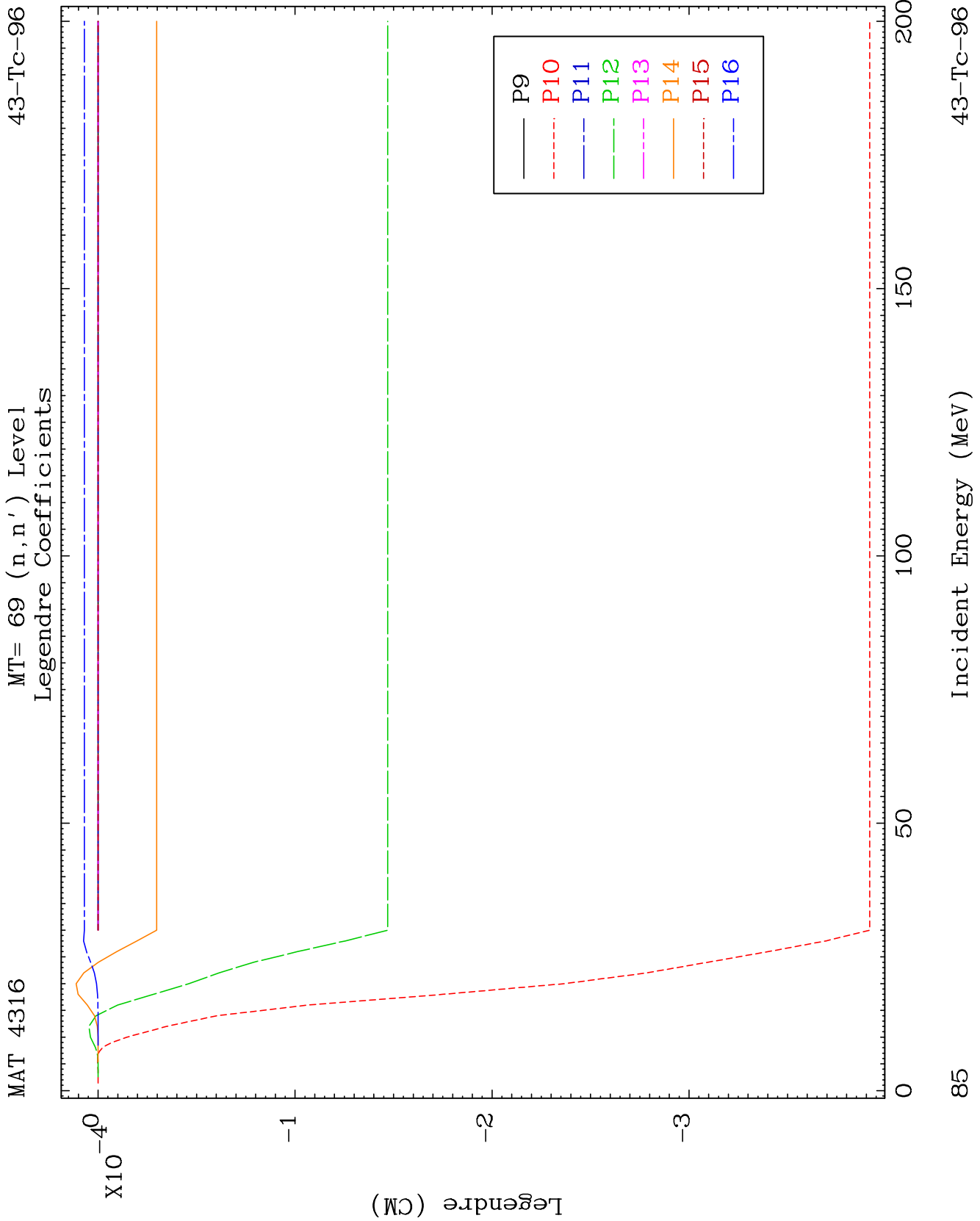
43-Tc-96



84

Incident Energy (MeV)

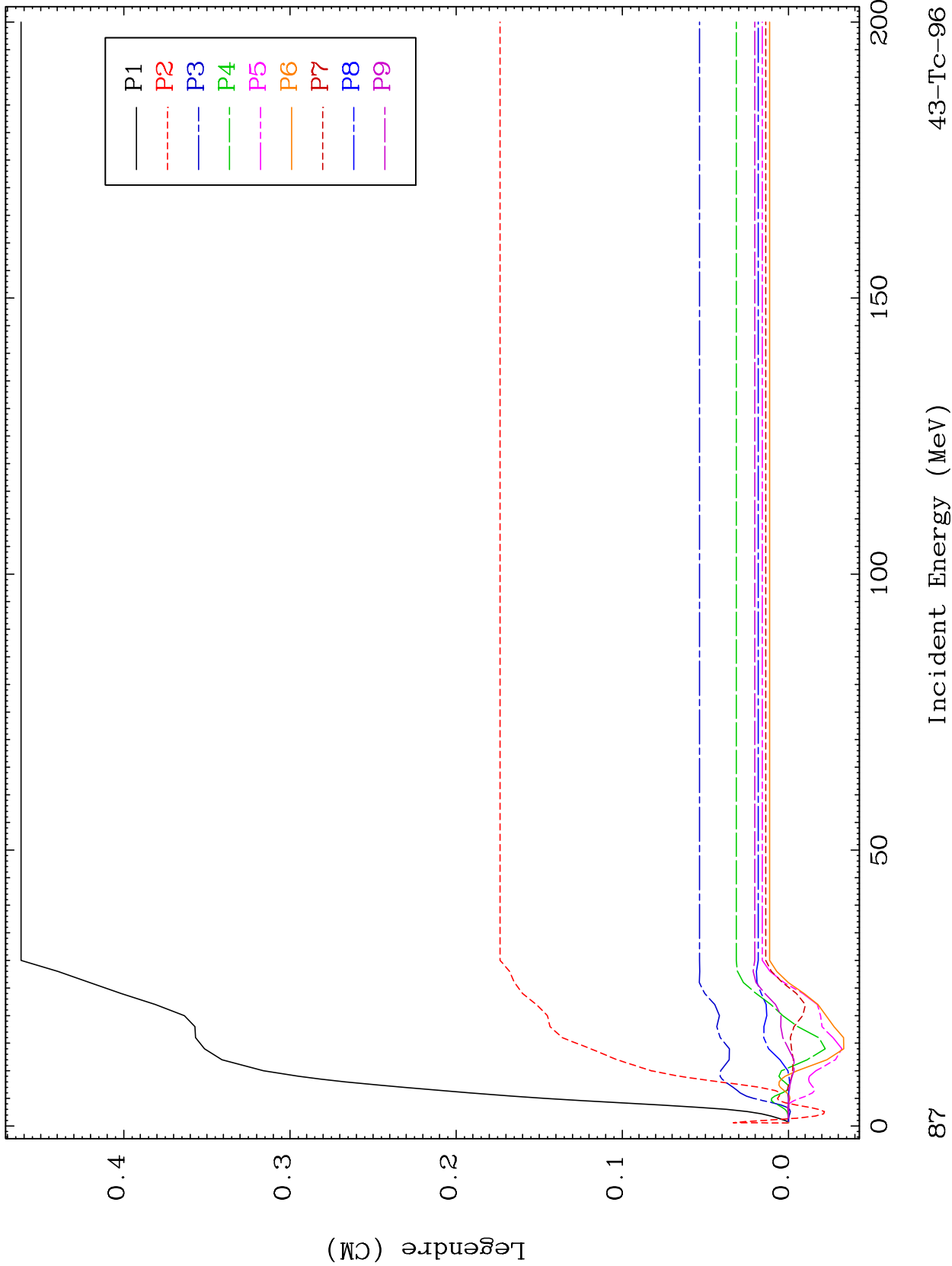
43-Tc-96



MAT 4316

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

43-Tc-96



43-Tc-96

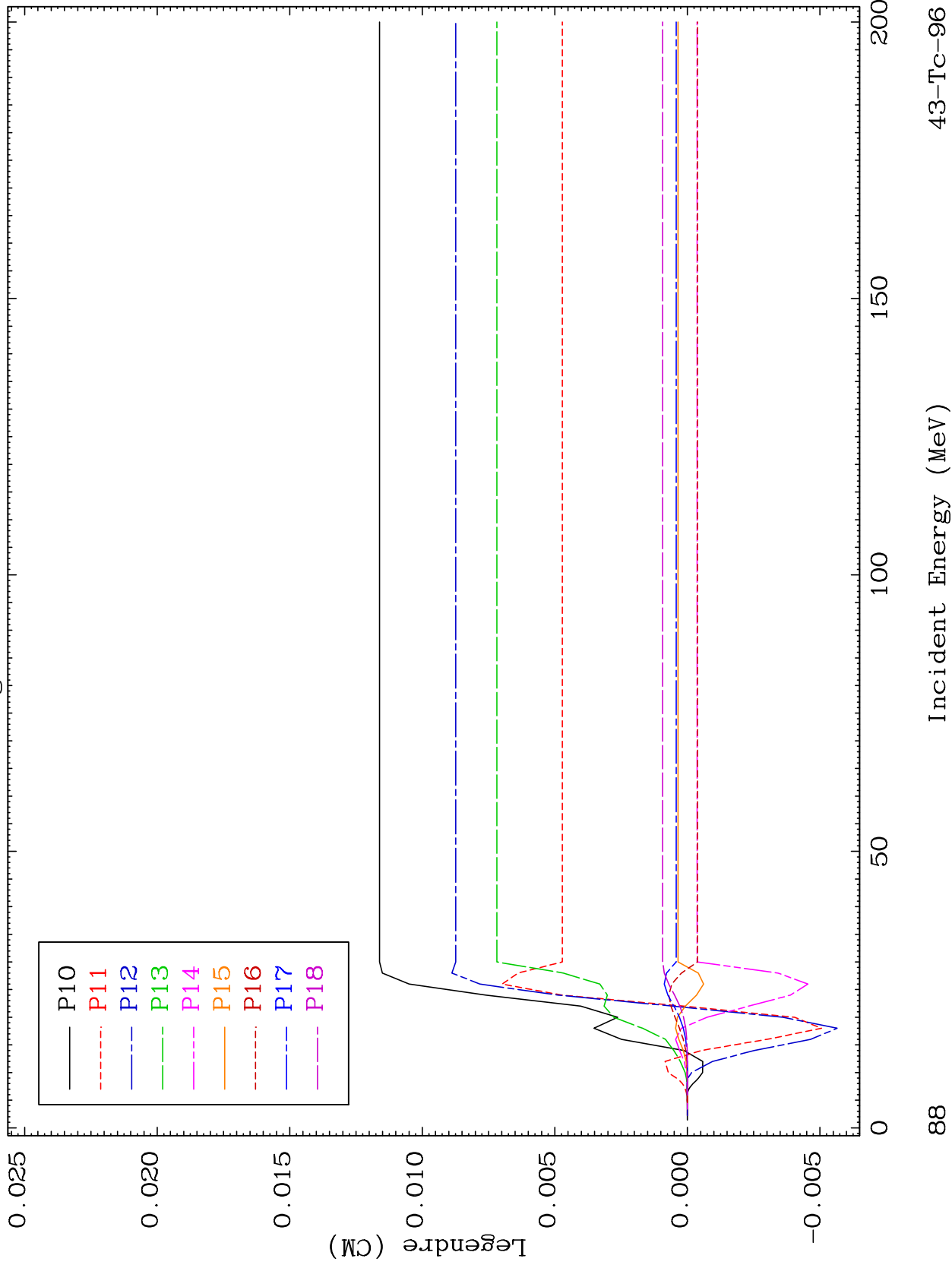
Incident Energy (MeV)

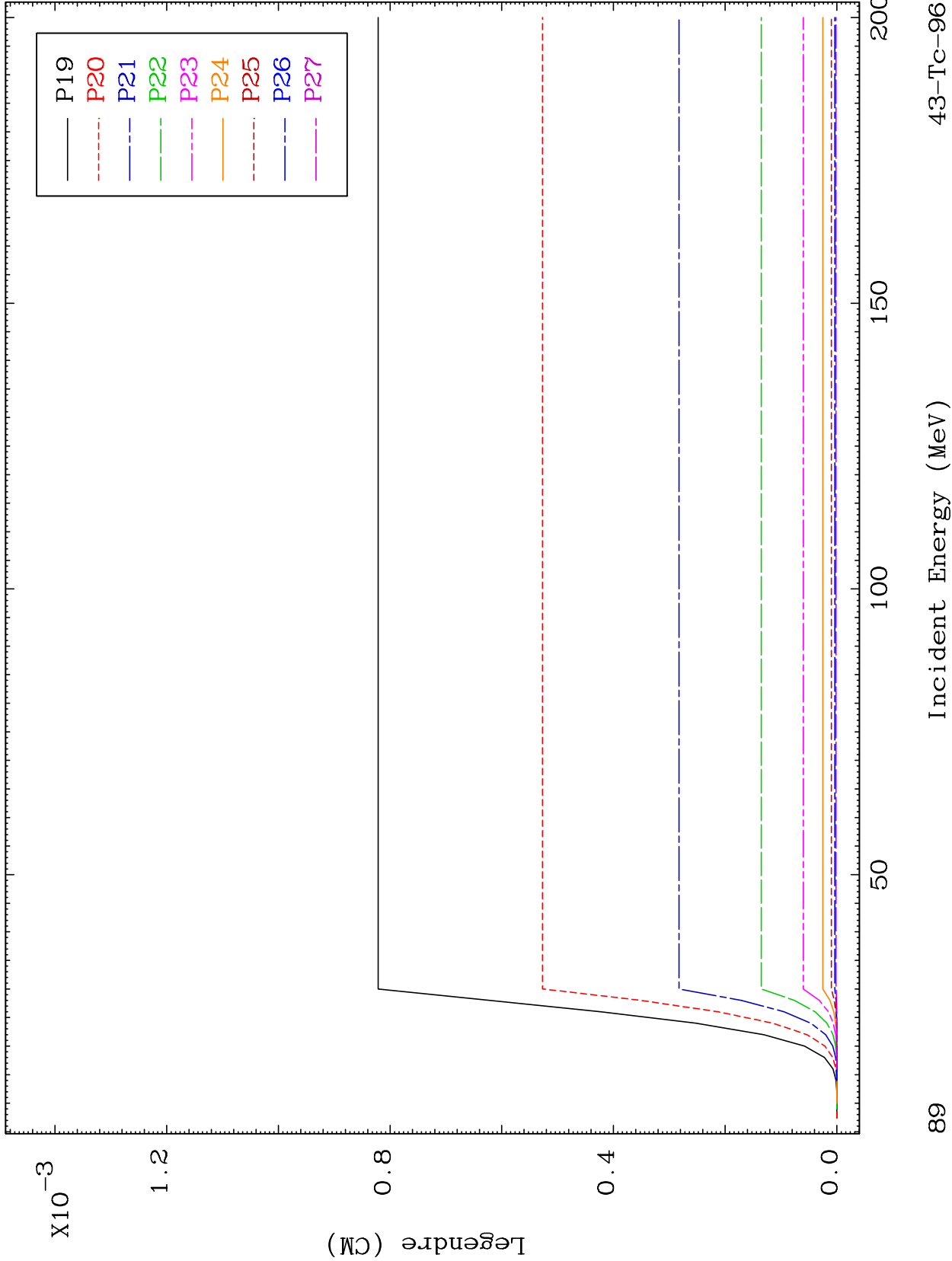
87

MAT 4316

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

43-Tc-96

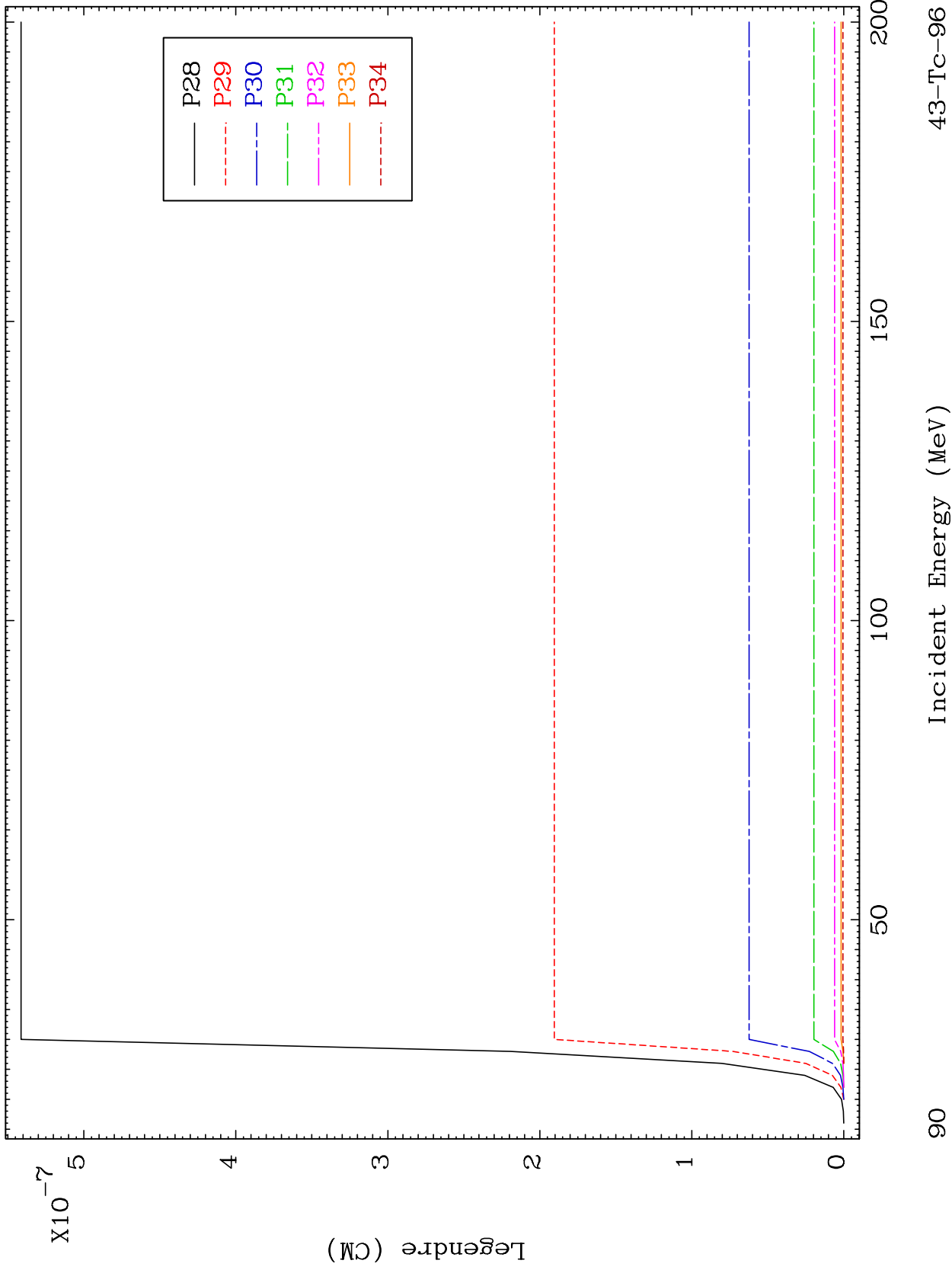




MAT 4316

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

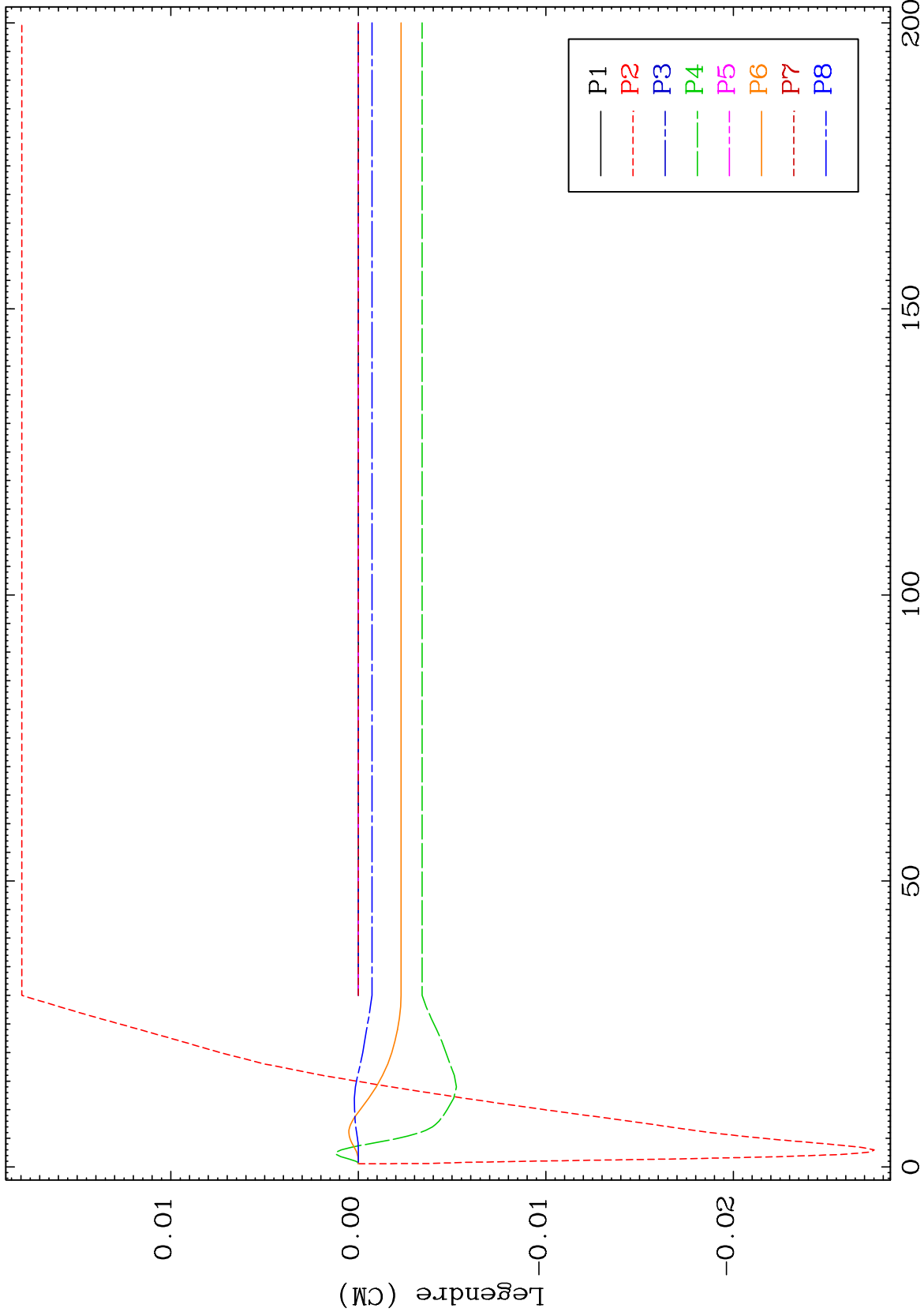
43-Tc-96



MAT 4316

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

43-Tc-96



91

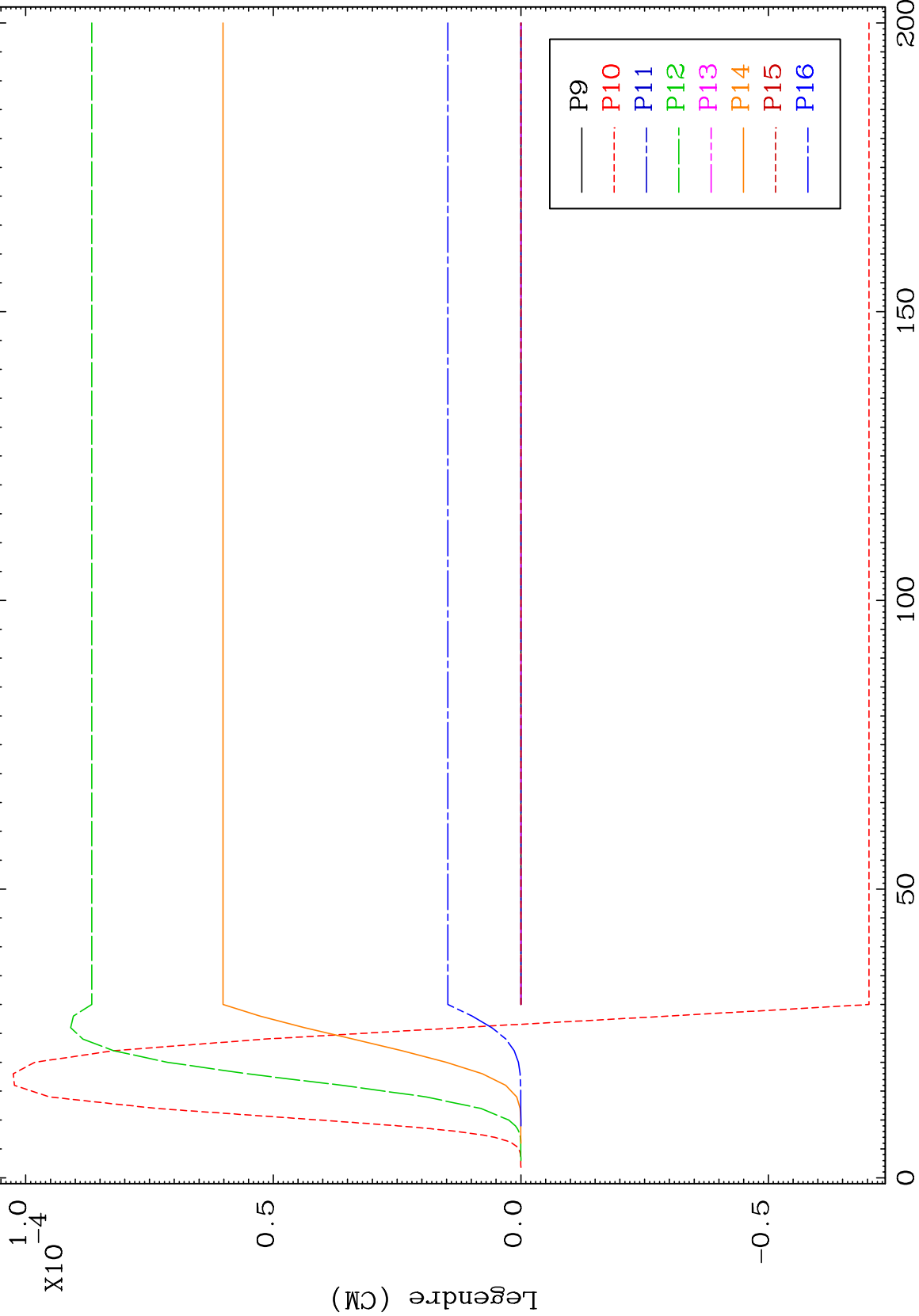
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

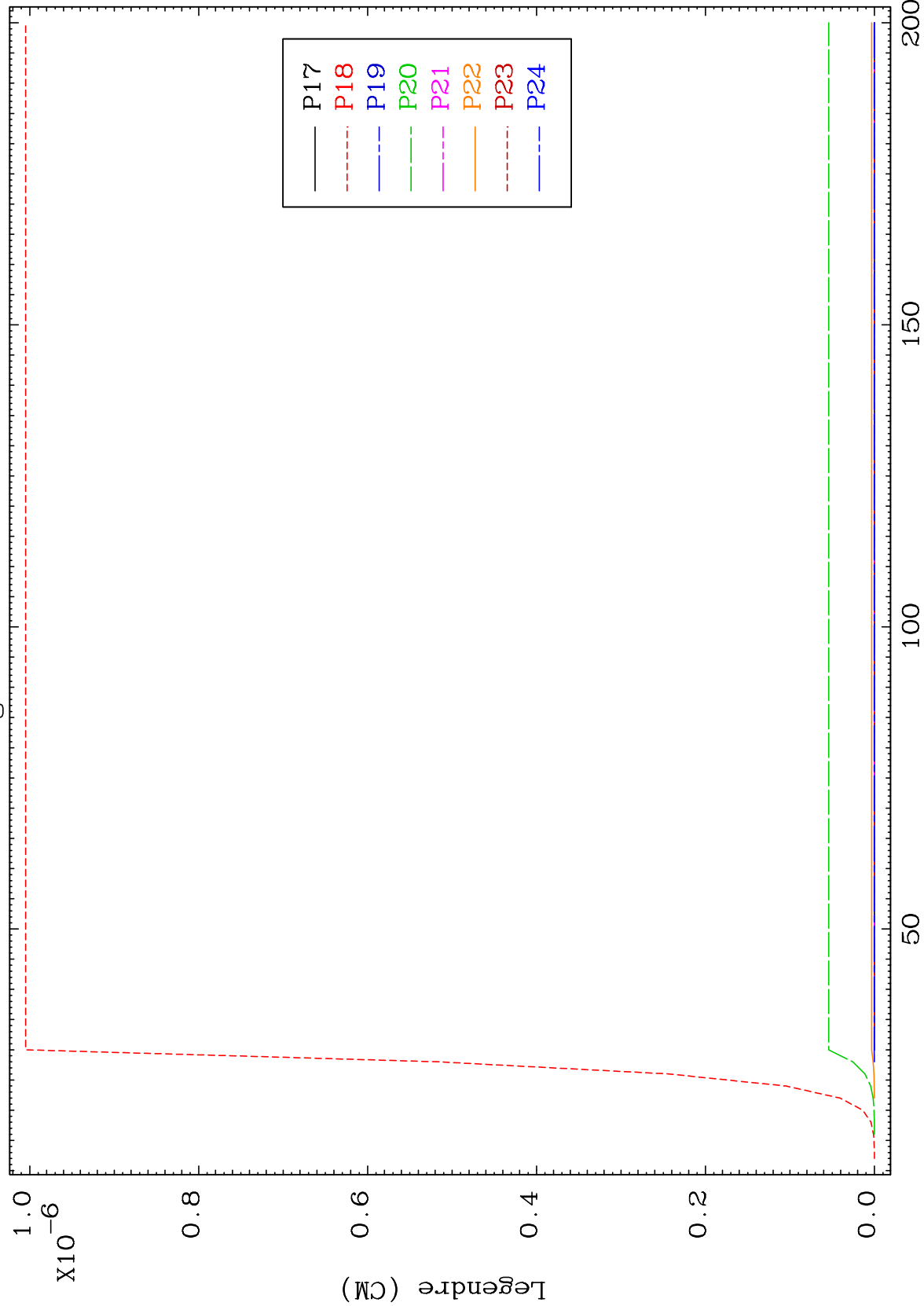
43-Tc-96



92

Incident Energy (MeV)

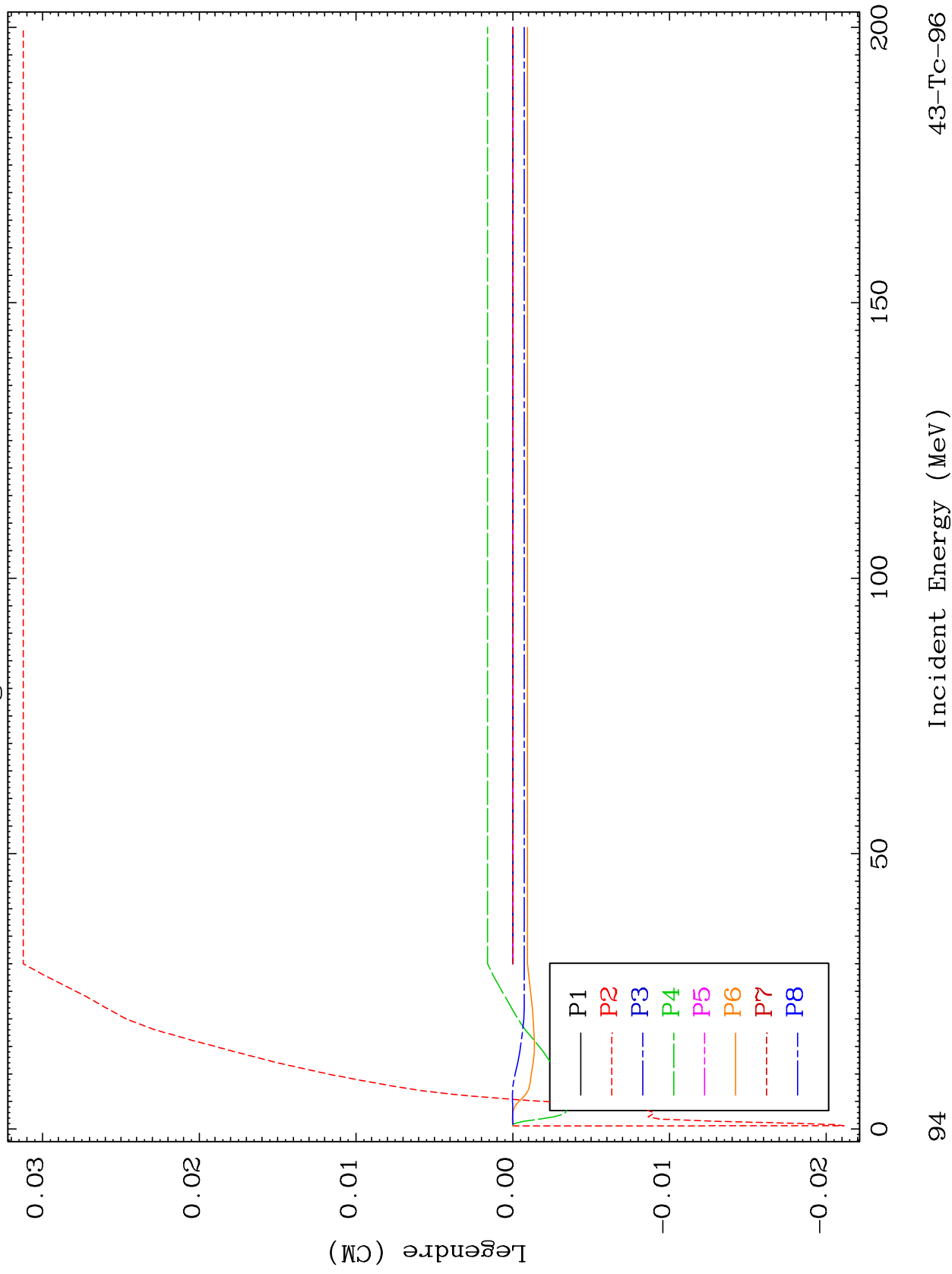
43-Tc-96



MAT 4316

43-Tc-96

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



94

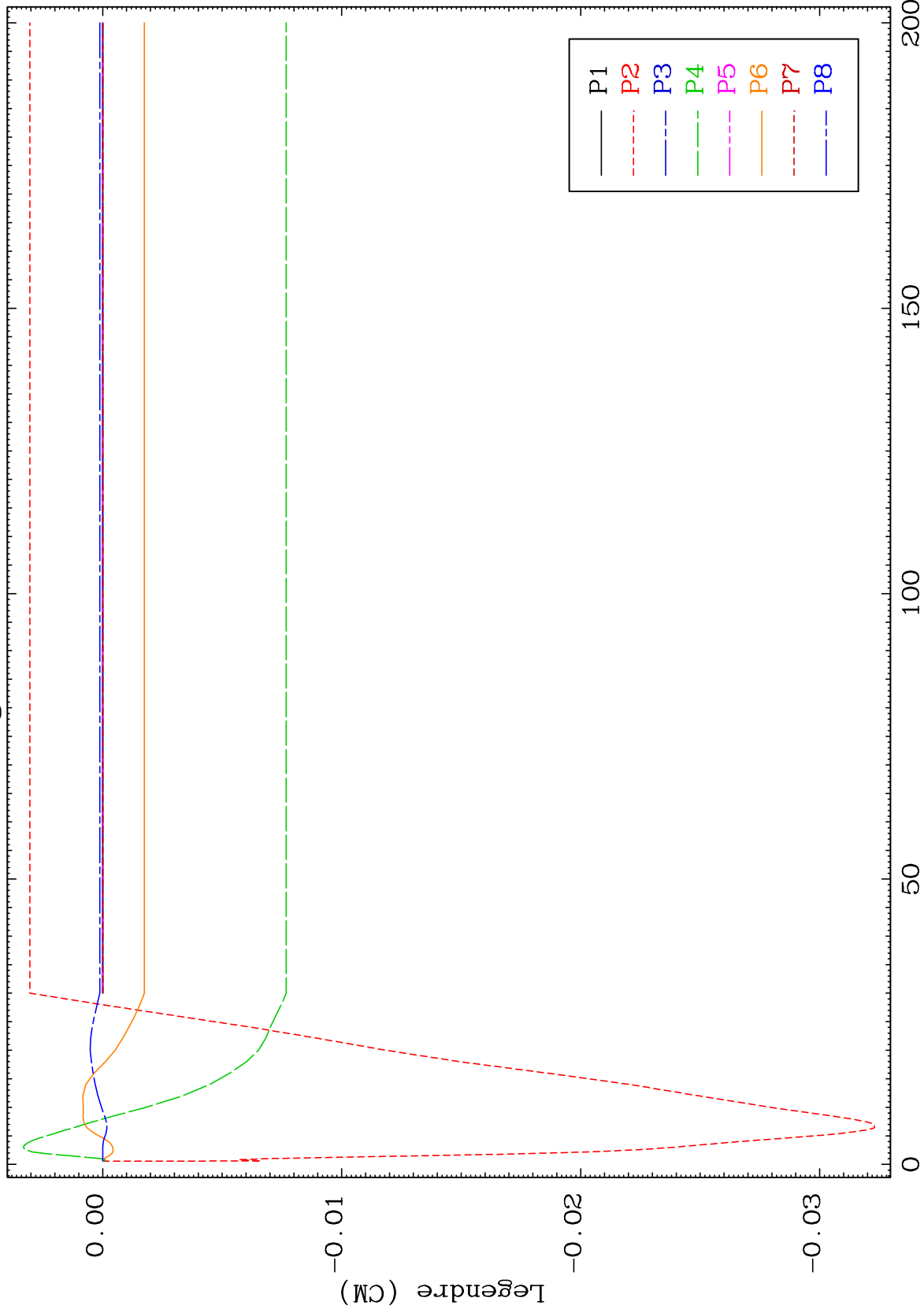
43-Tc-96

Incident Energy (MeV)

MAT 4316

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

43-Tc-96



97

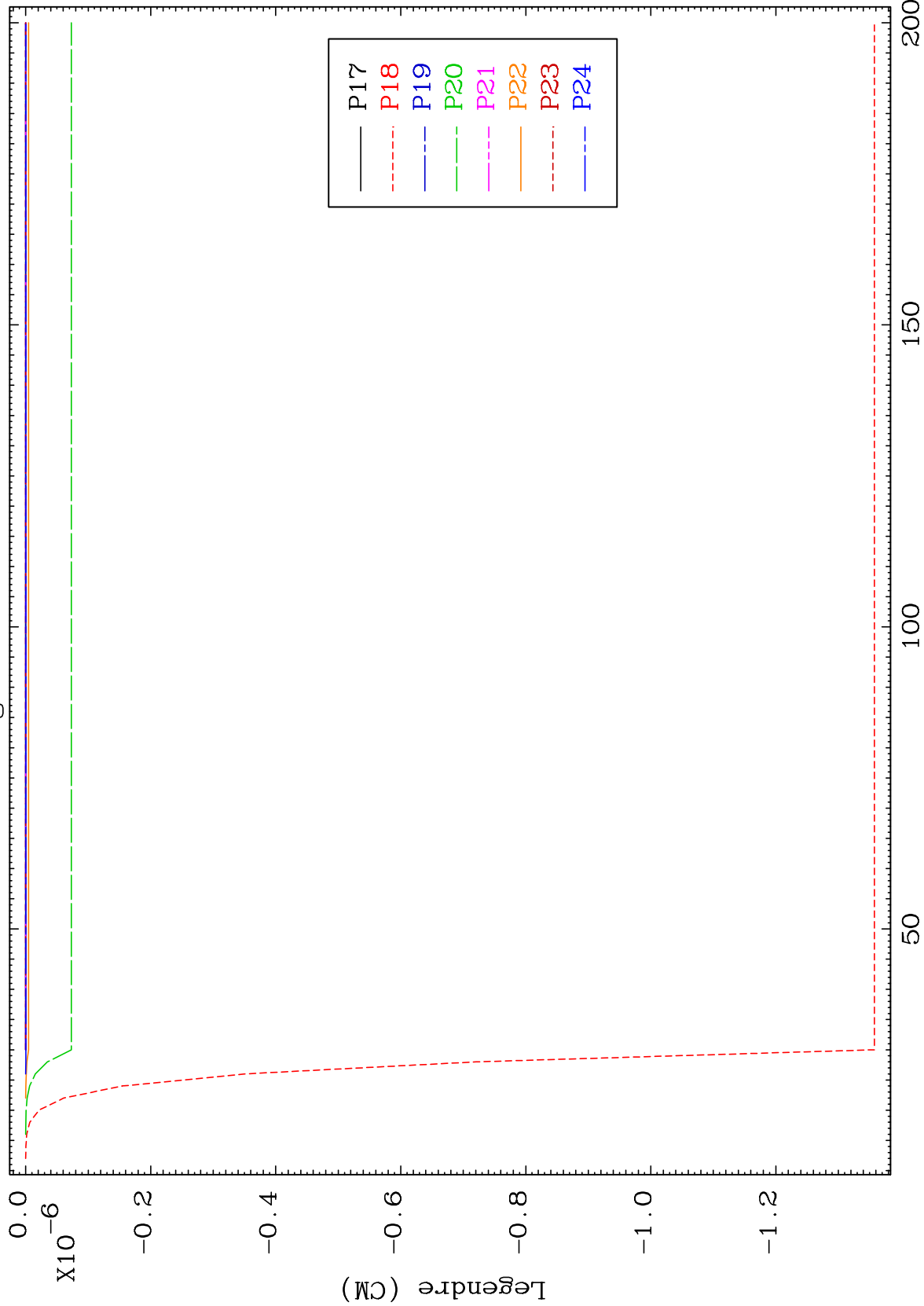
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

43-Tc-96



43-Tc-96

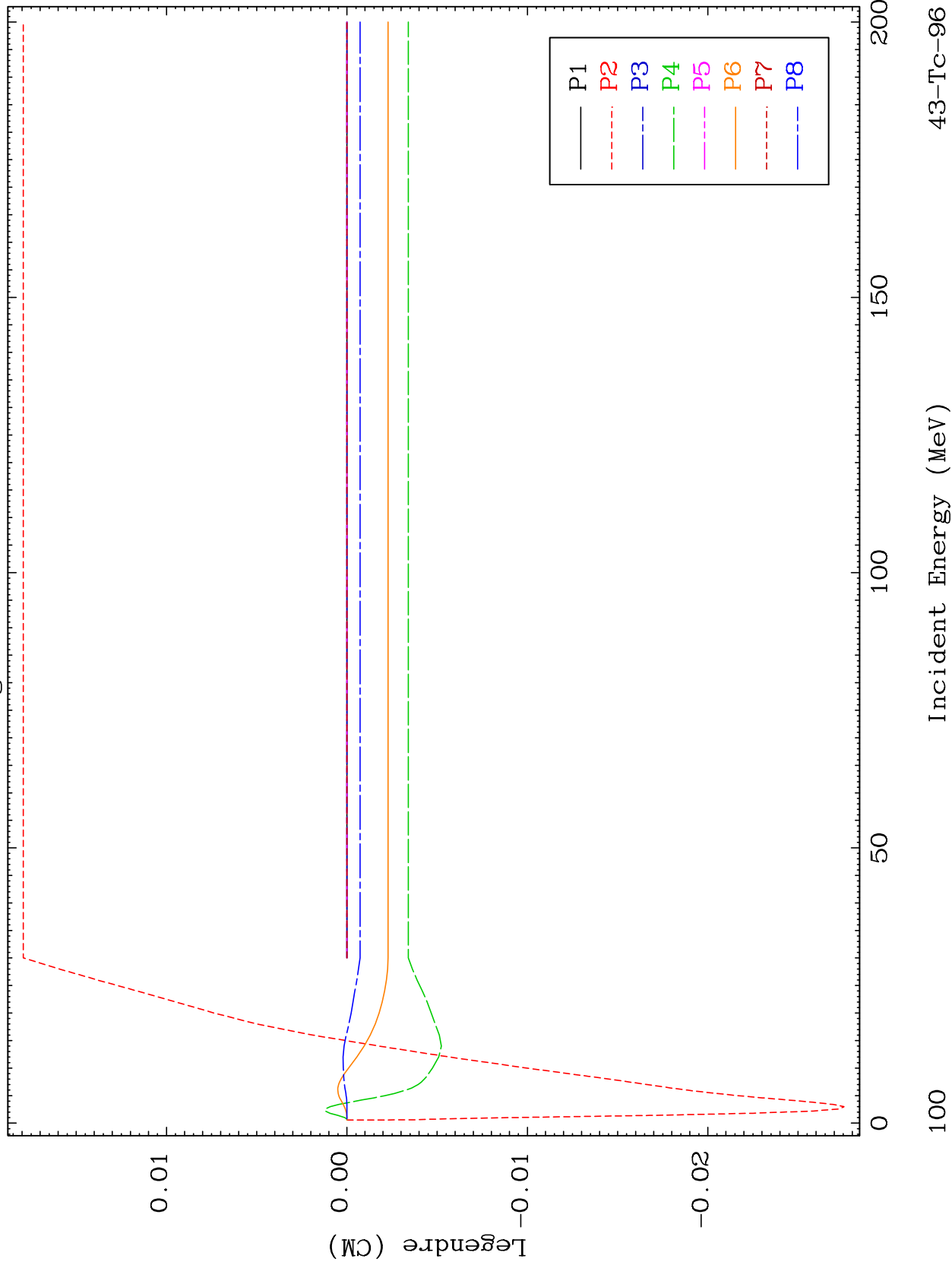
Incident Energy (MeV)

99

MAT 4316

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

43-Tc-96

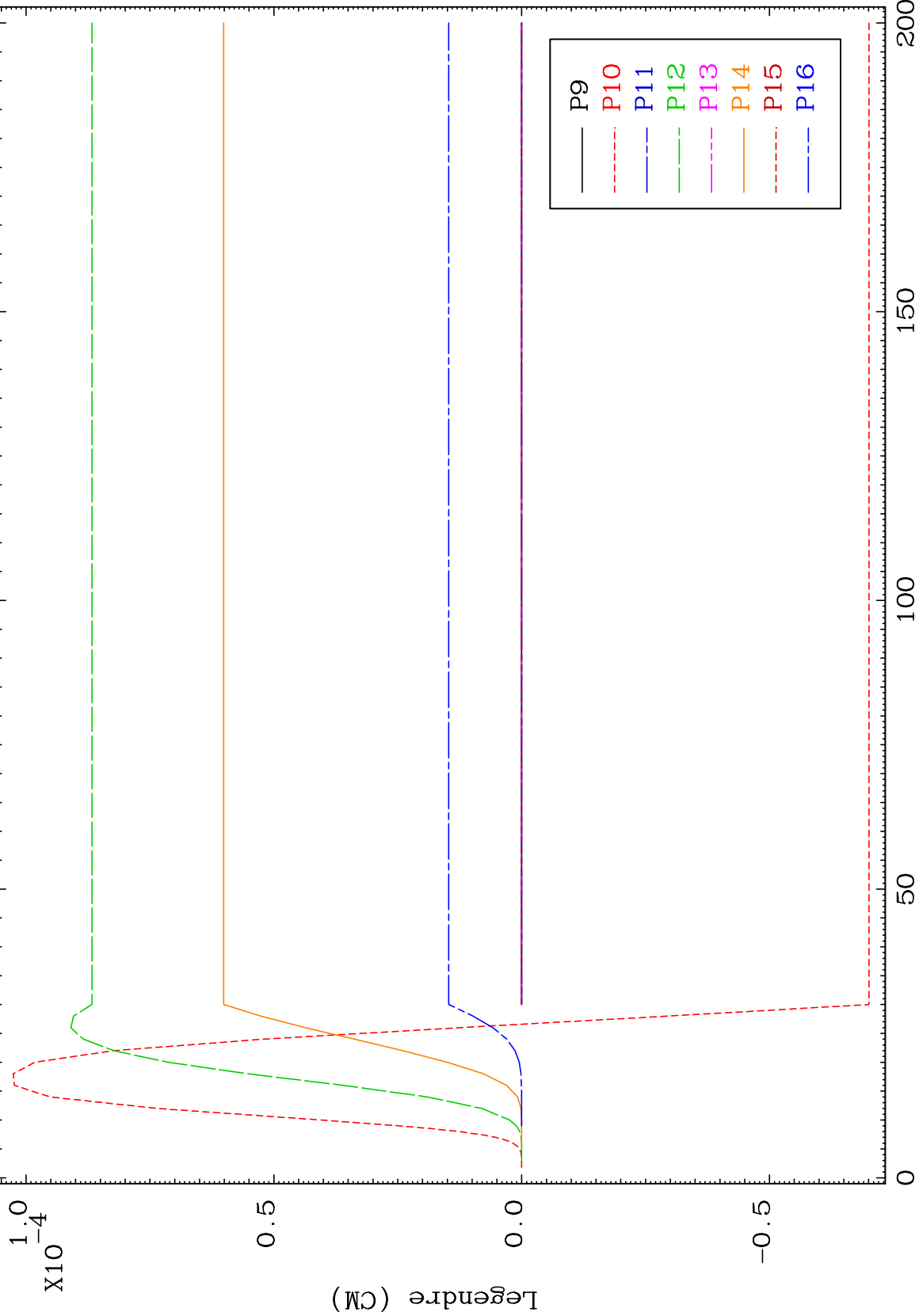


43-Tc-96

MAT 4316

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

43-Tc-96



101

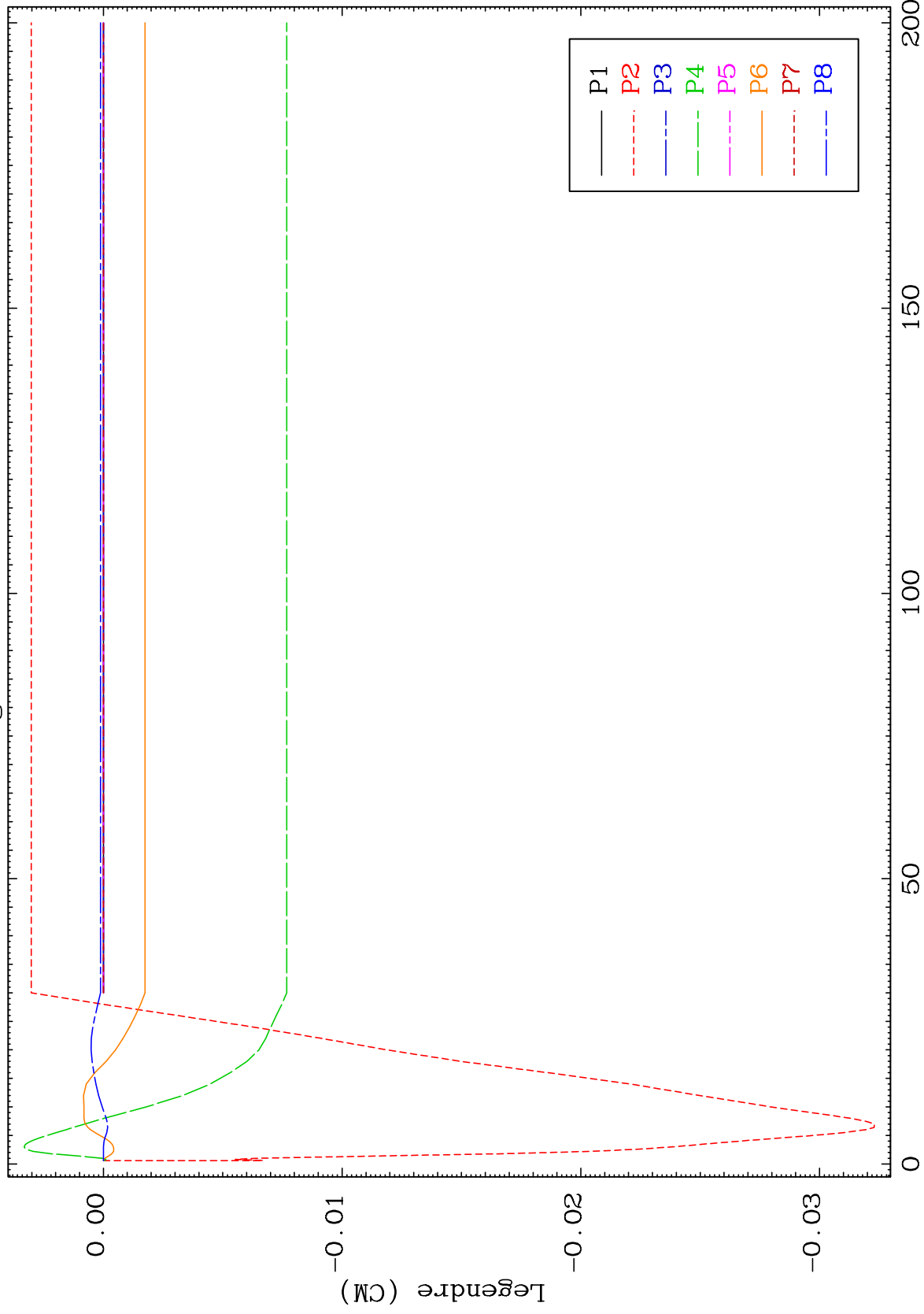
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

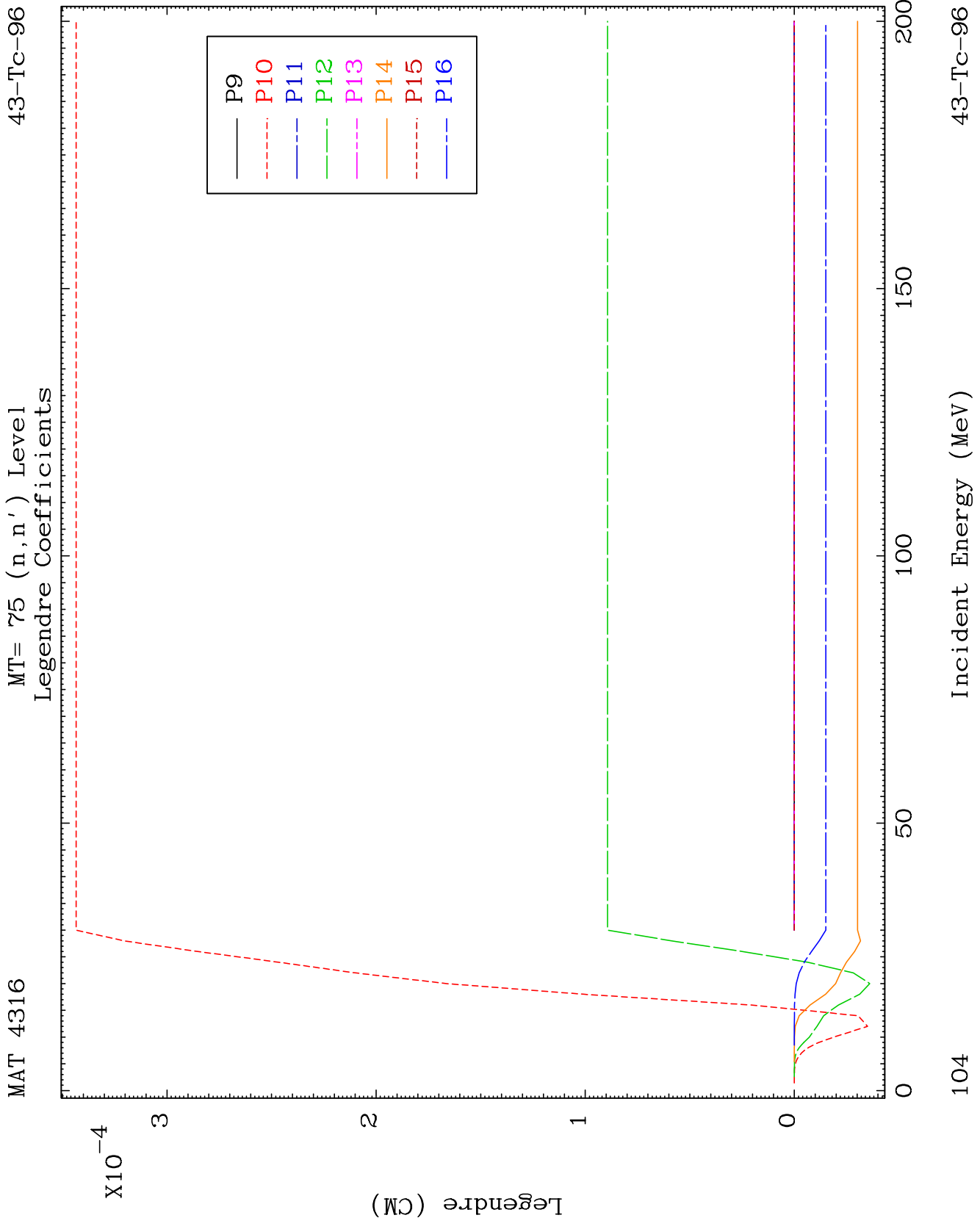
43-Tc-96

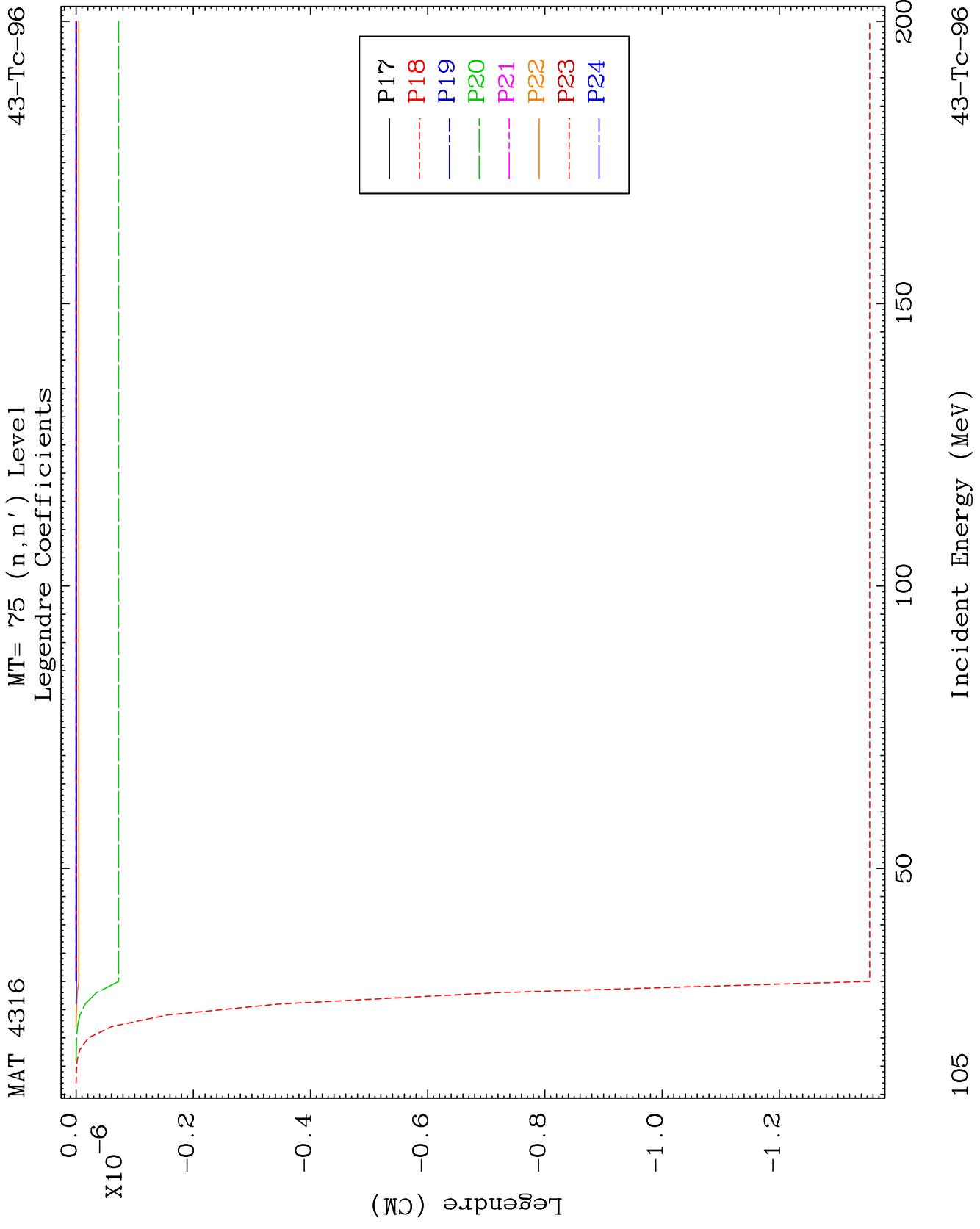


43-Tc-96

Incident Energy (MeV)

103

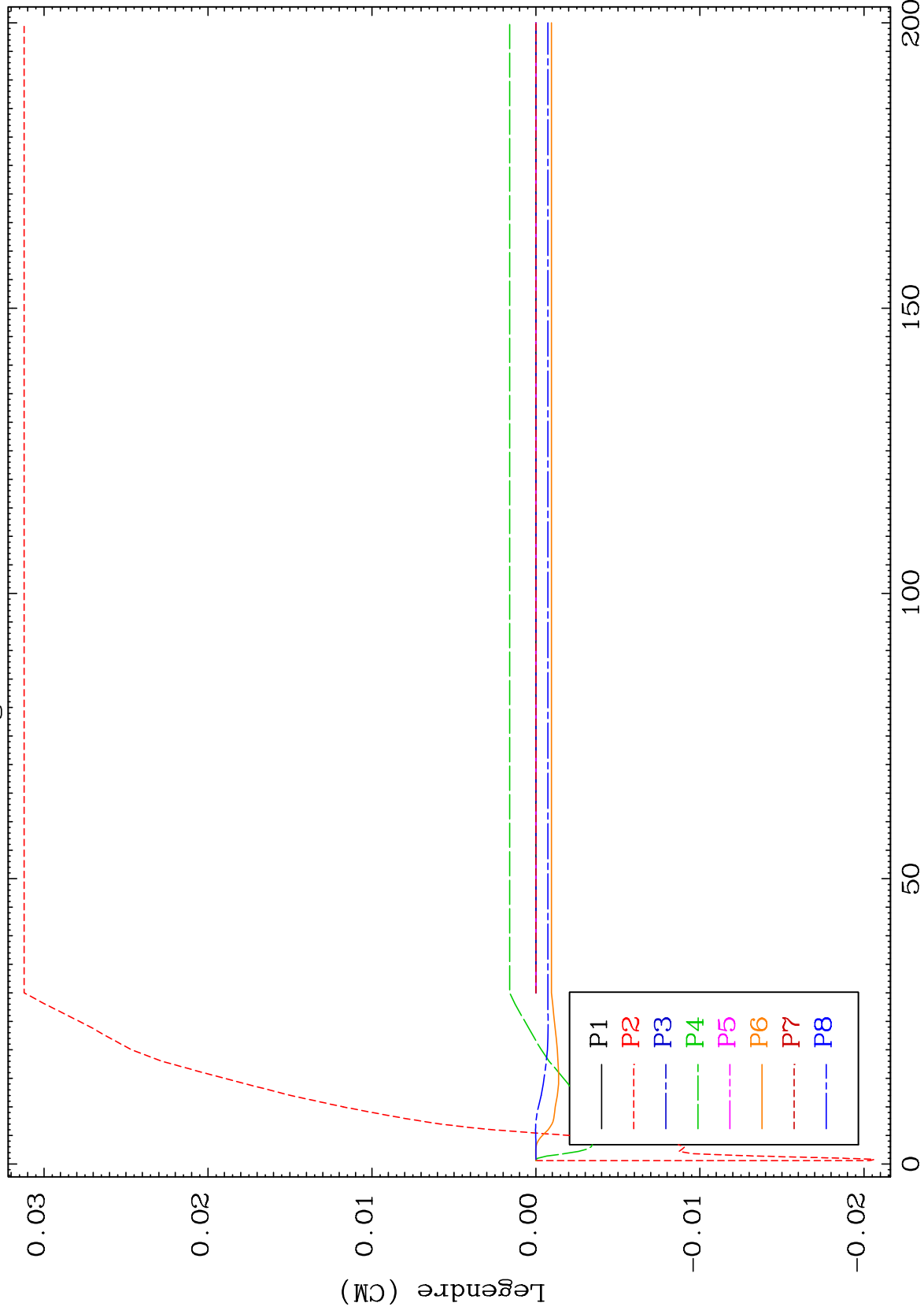




MAT 4316

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

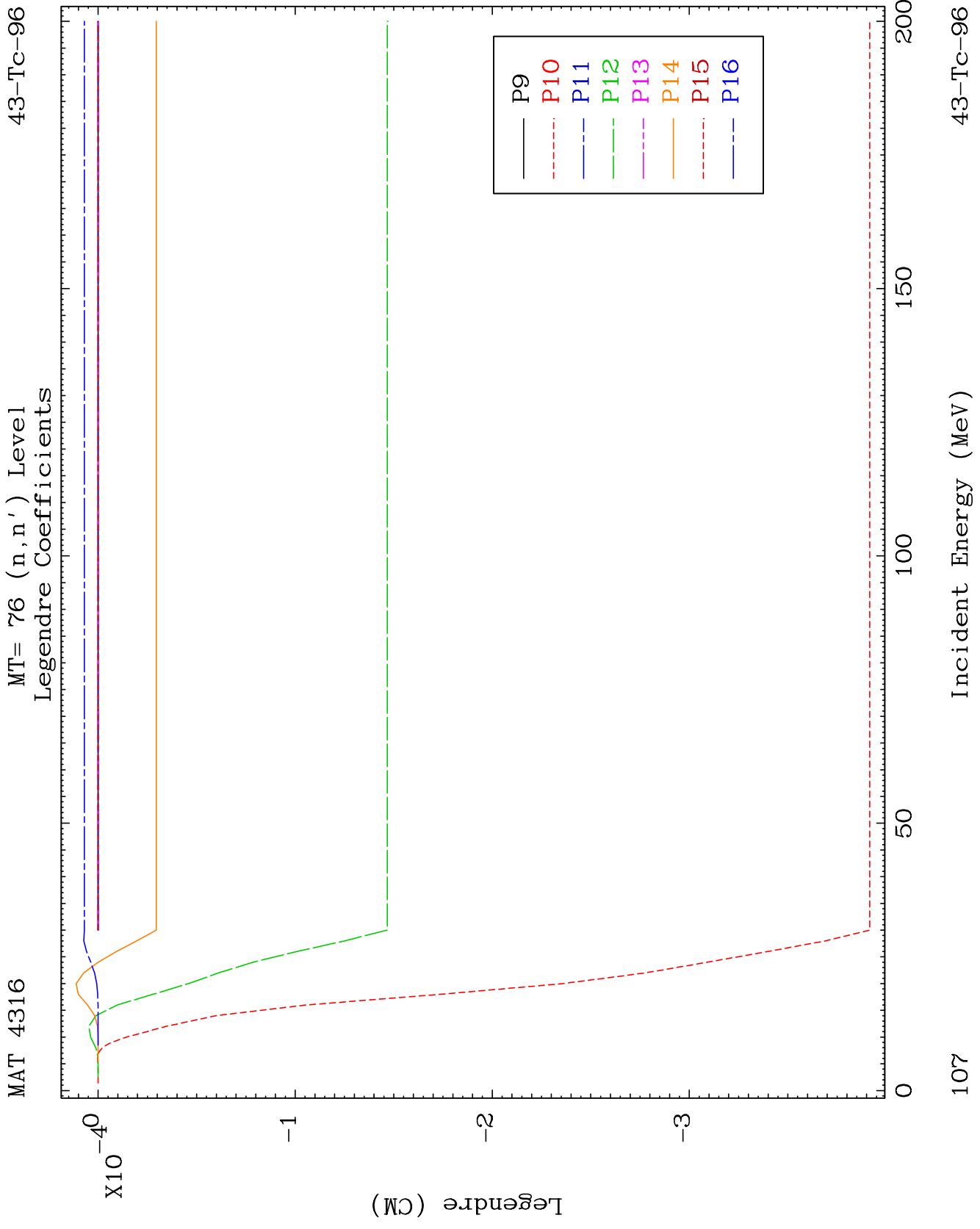
43-Tc-96



106

Incident Energy (MeV)

43-Tc-96



43-Tc-96

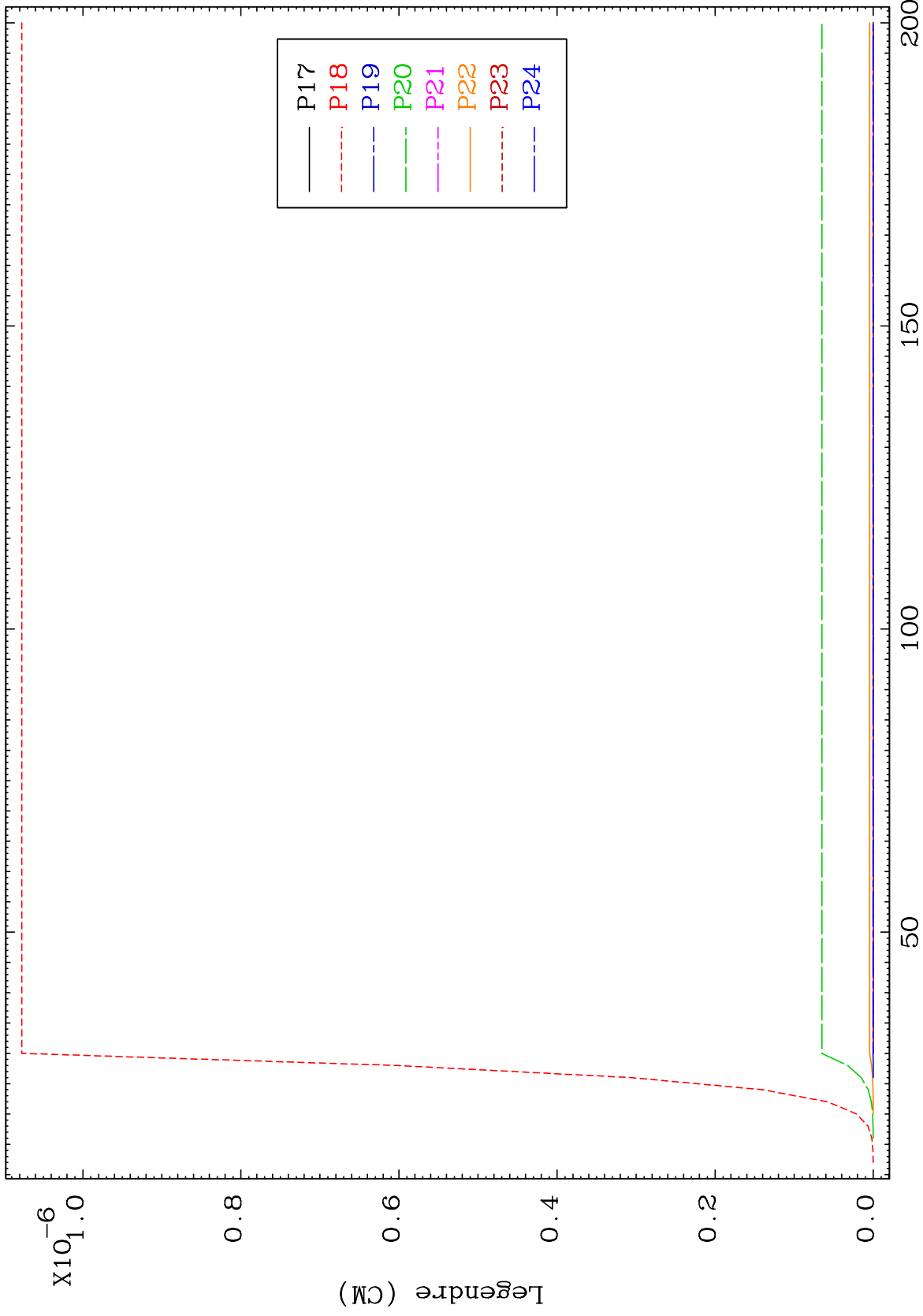
Incident Energy (MeV)

107

MAT 4316

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

43-Tc-96



108

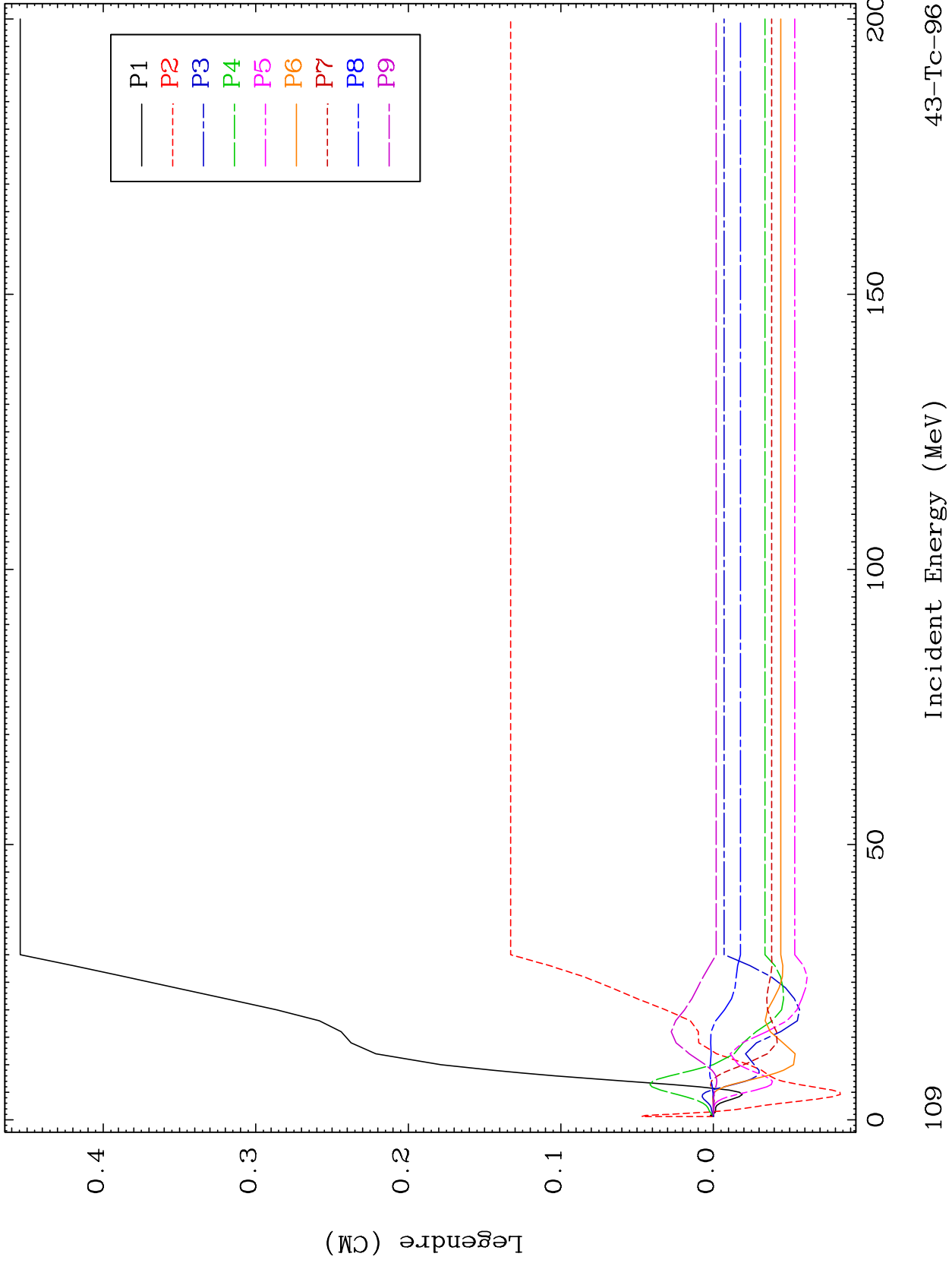
Incident Energy (MeV)

43-Tc-96

MAT 4316

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

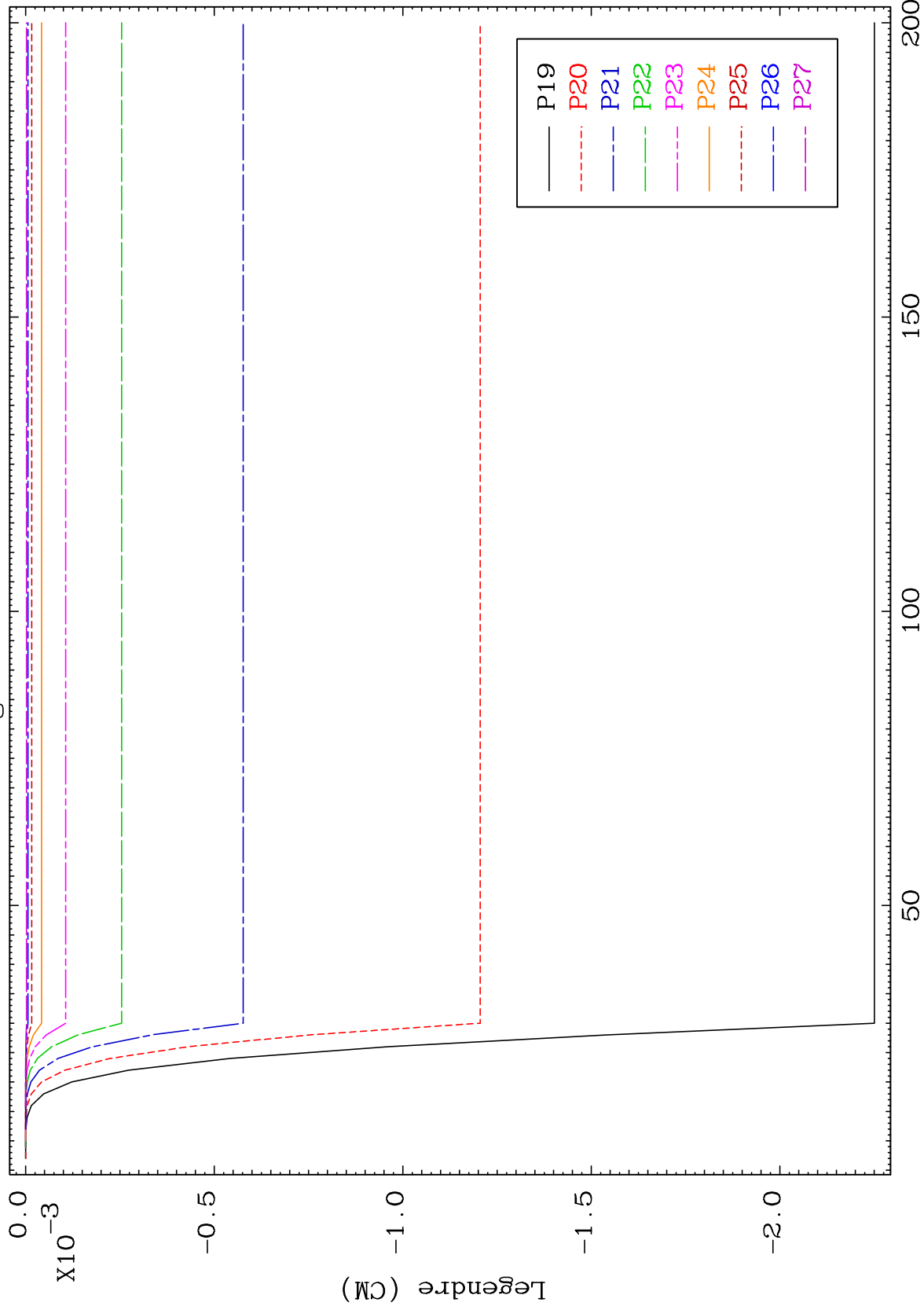
43-Tc-96



109

Incident Energy (MeV)

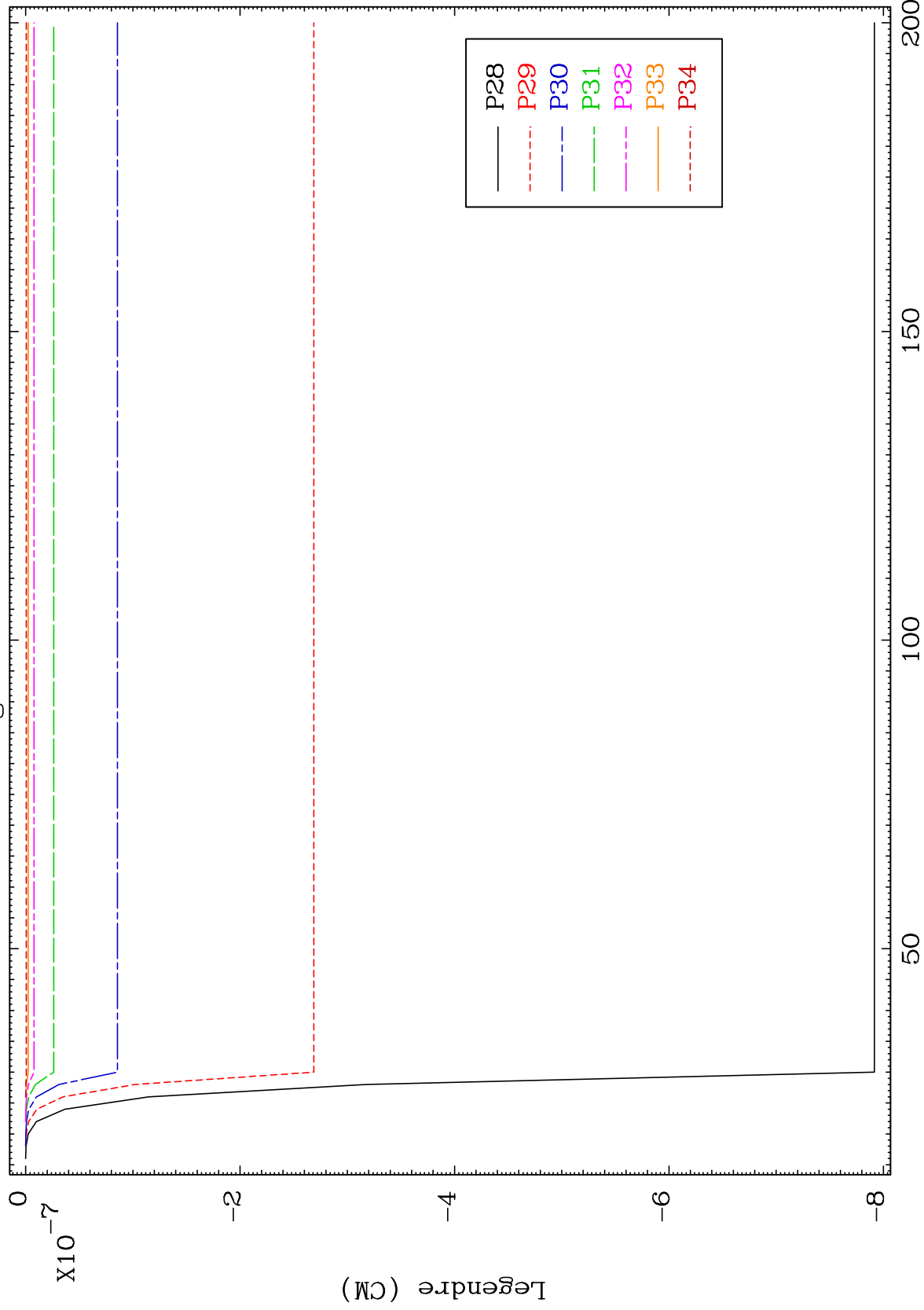
43-Tc-96



MAT 4316

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

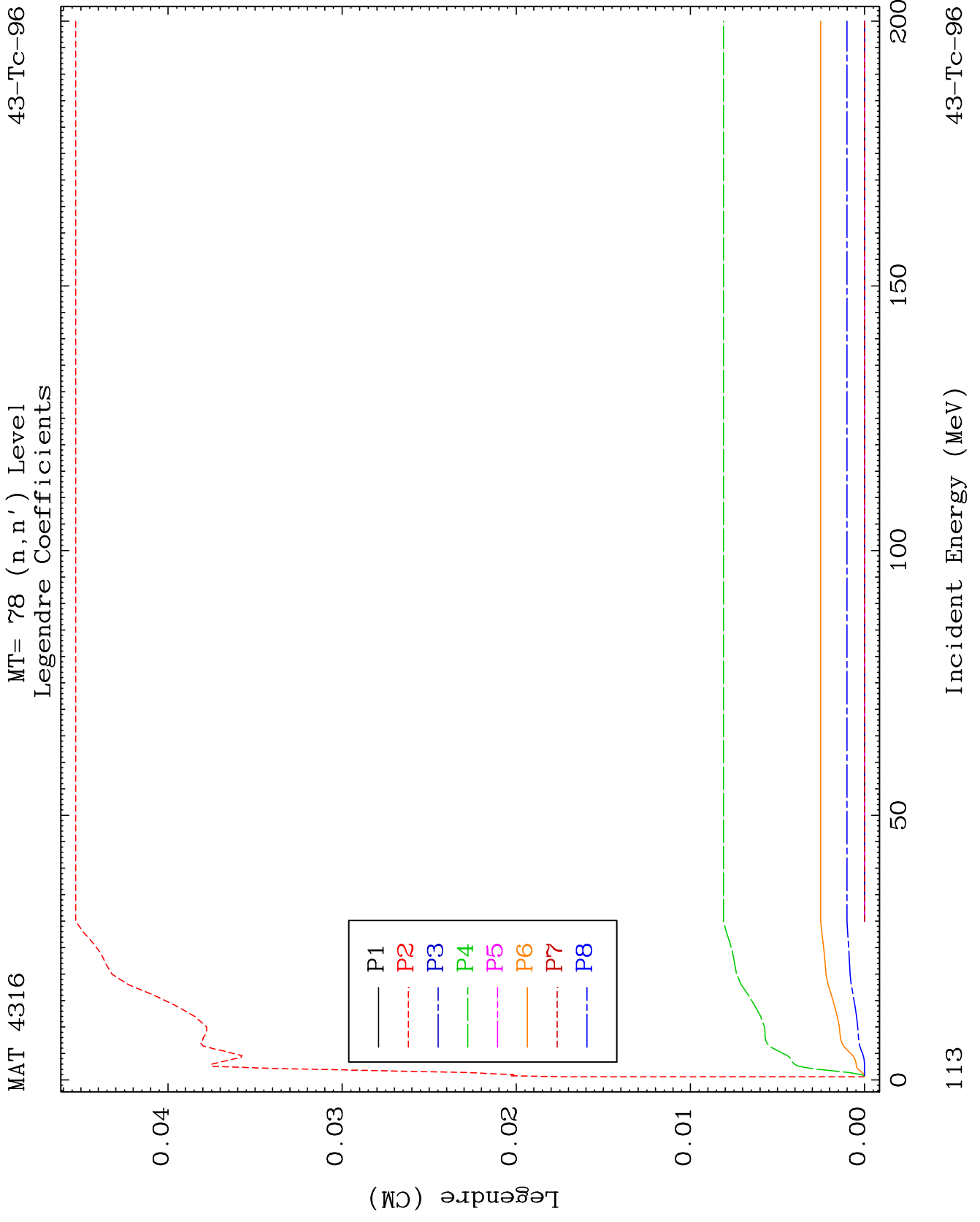
43-Tc-96



112

Incident Energy (MeV)

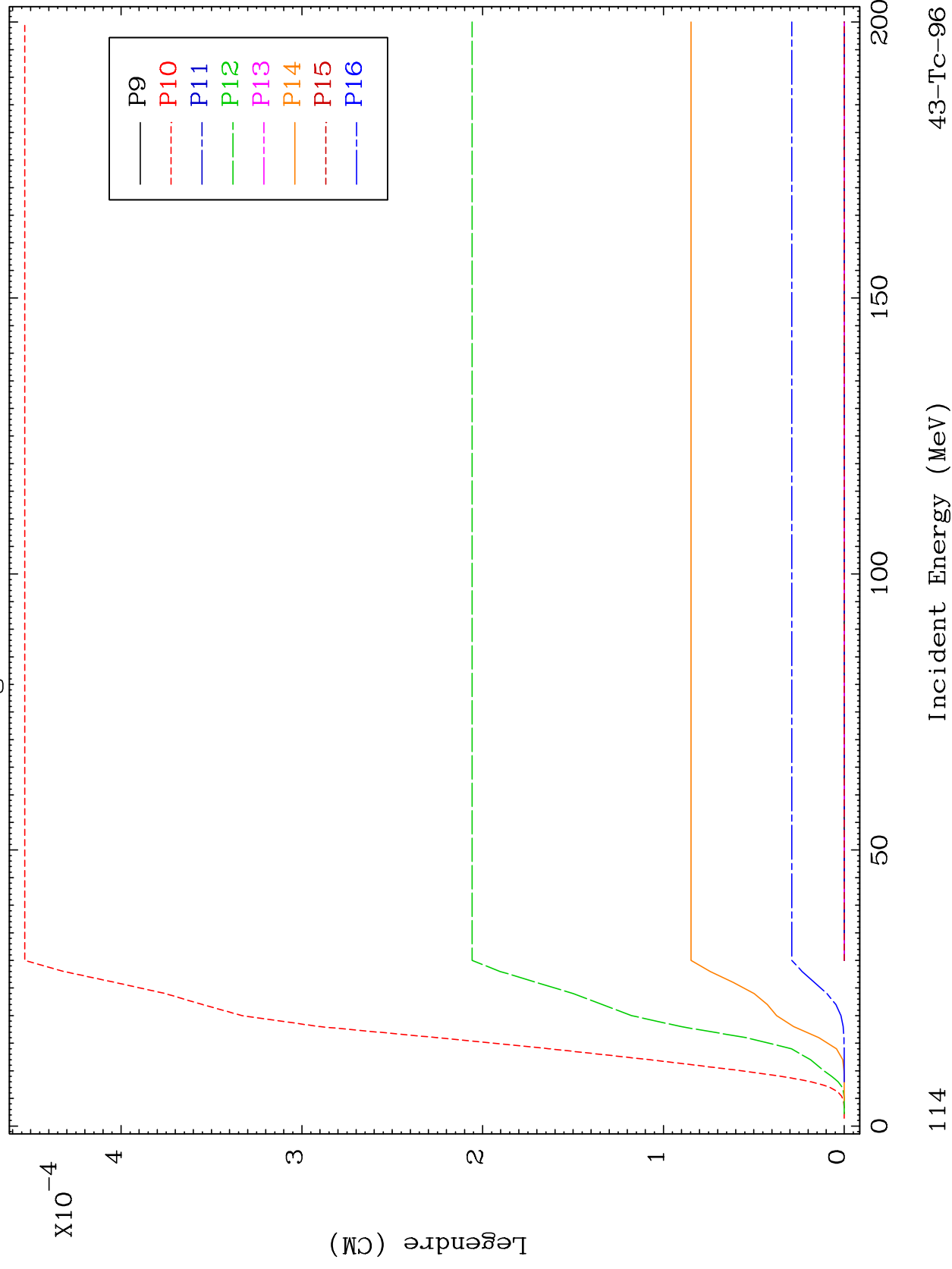
43-Tc-96



MAT 4316

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

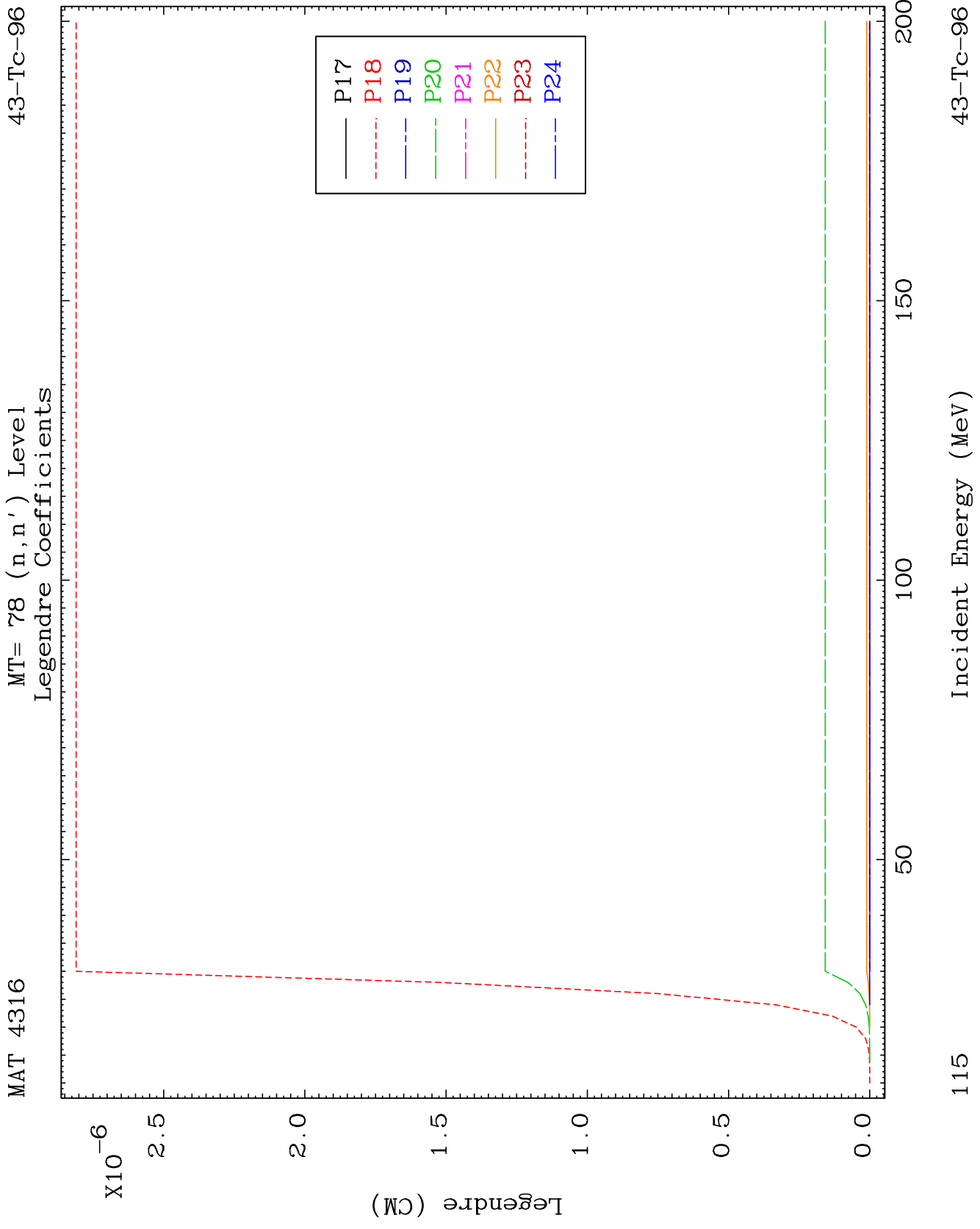
43-Tc-96



114

Incident Energy (MeV)

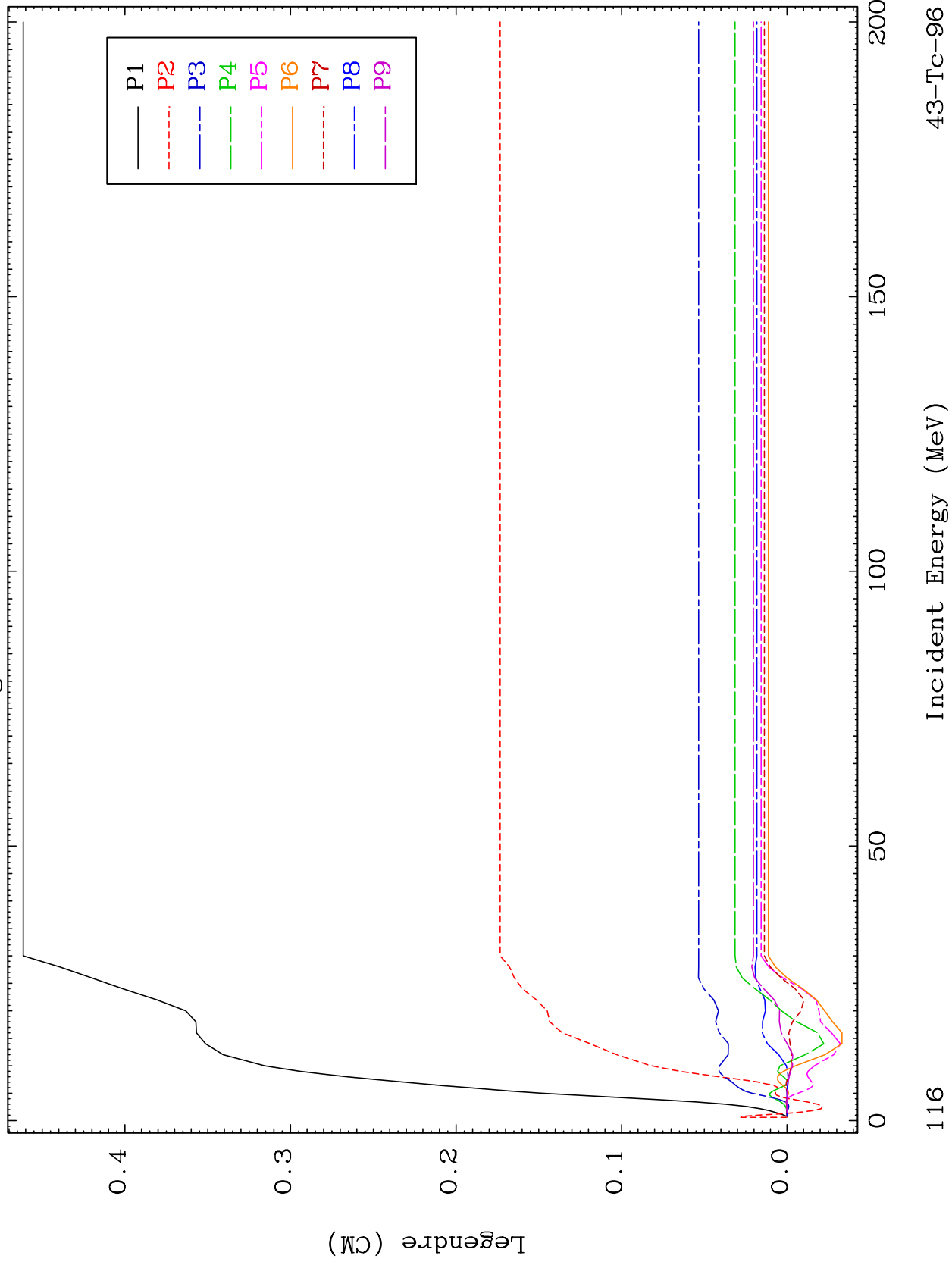
43-Tc-96



MAT 4316

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

43-Tc-96



43-Tc-96

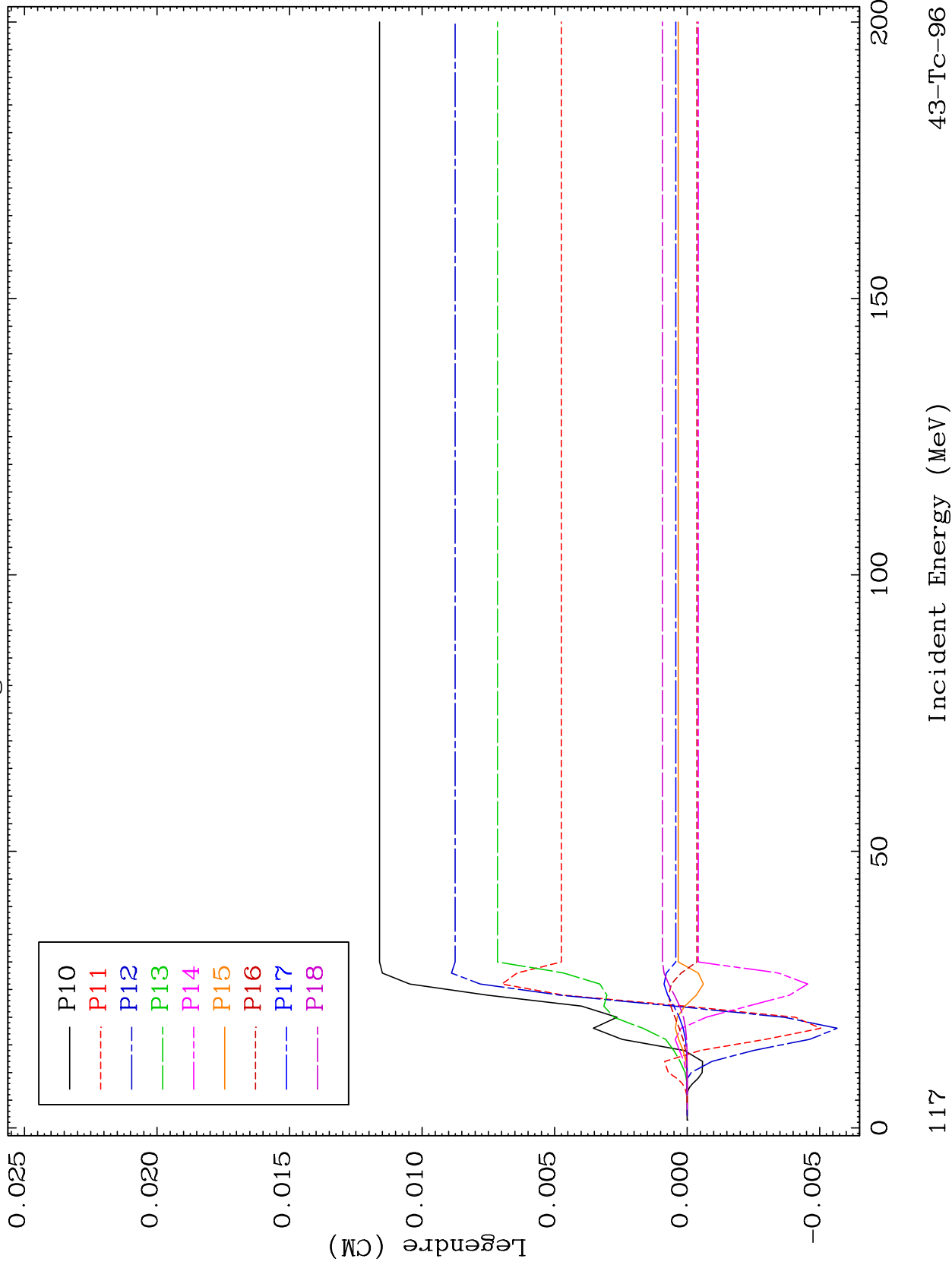
Incident Energy (MeV)

116

MAT 4316

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

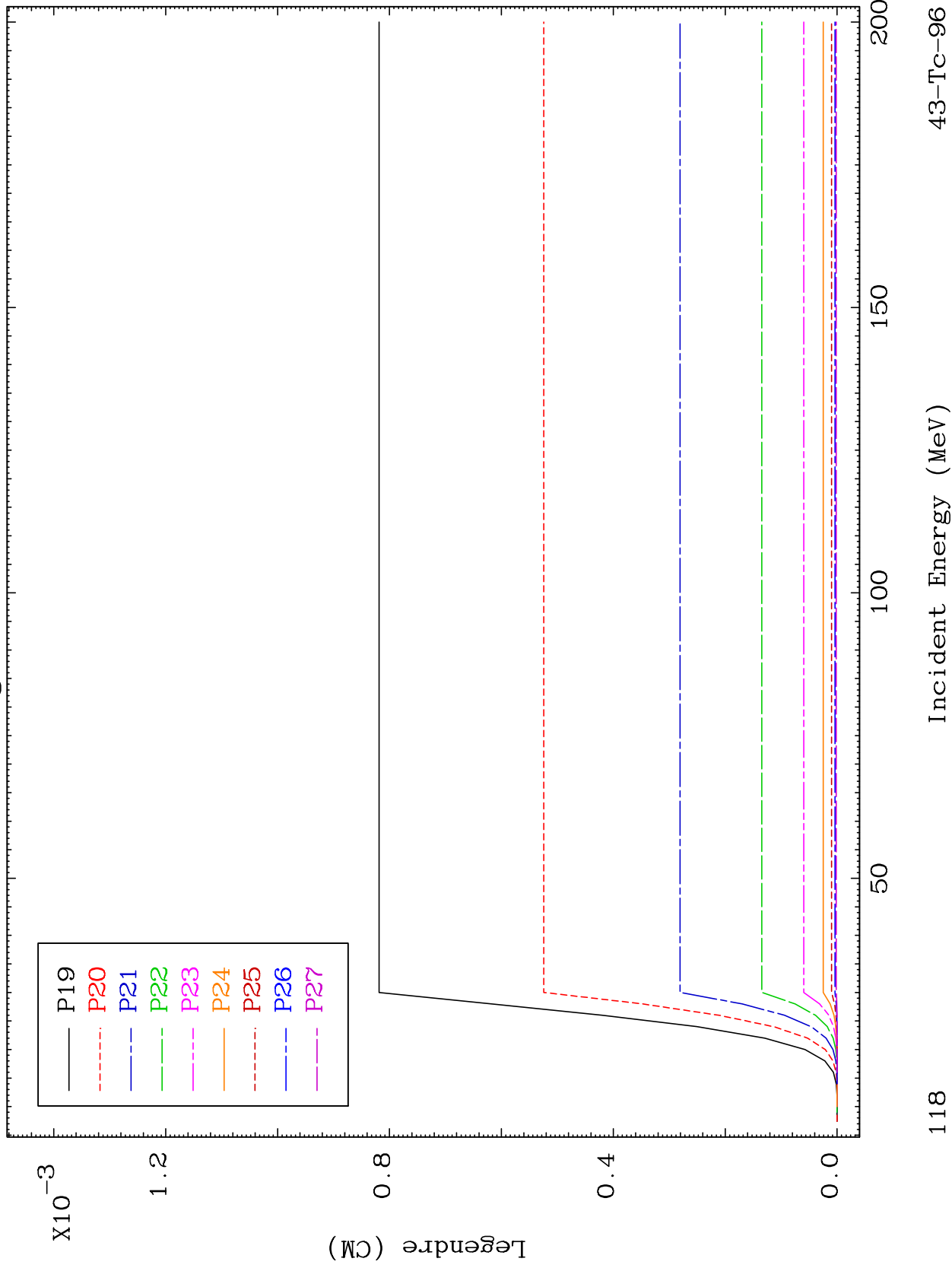
43-Tc-96



117

Incident Energy (MeV)

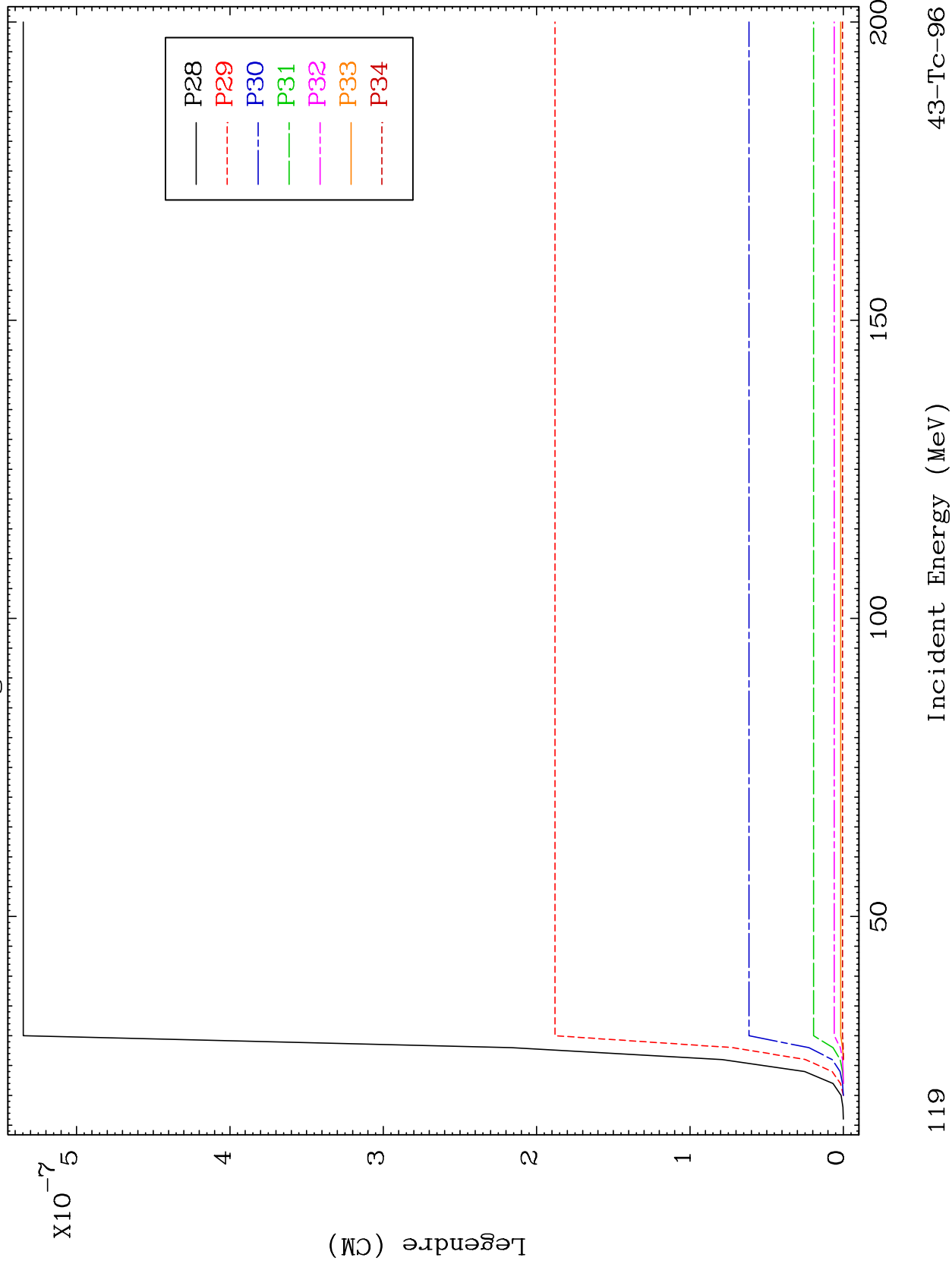
43-Tc-96



MAT 4316

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

43-Tc-96

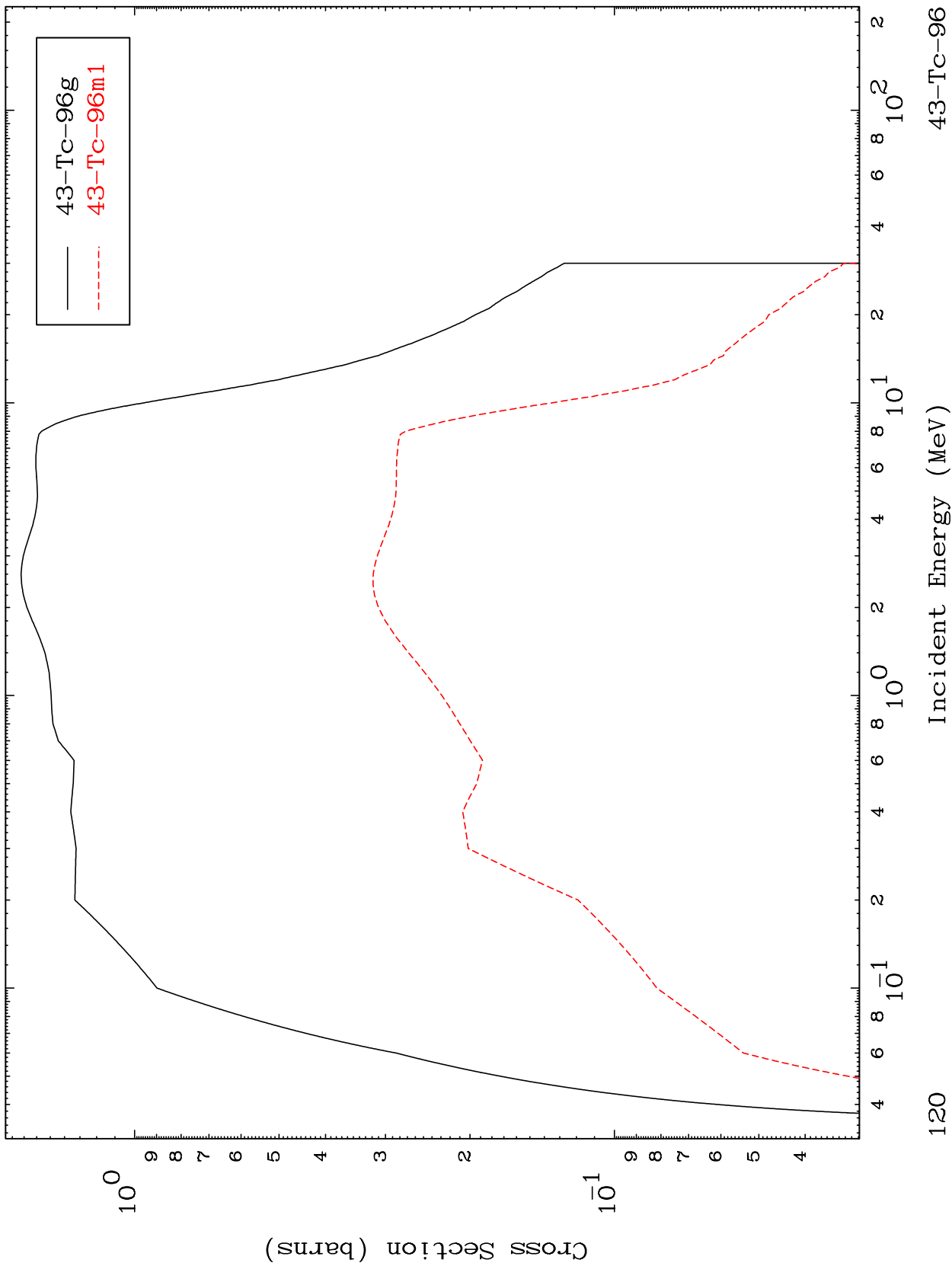


119

MAT 4316

43-Tc-96

Inelastic
Radionuclide Production Cross Section



120

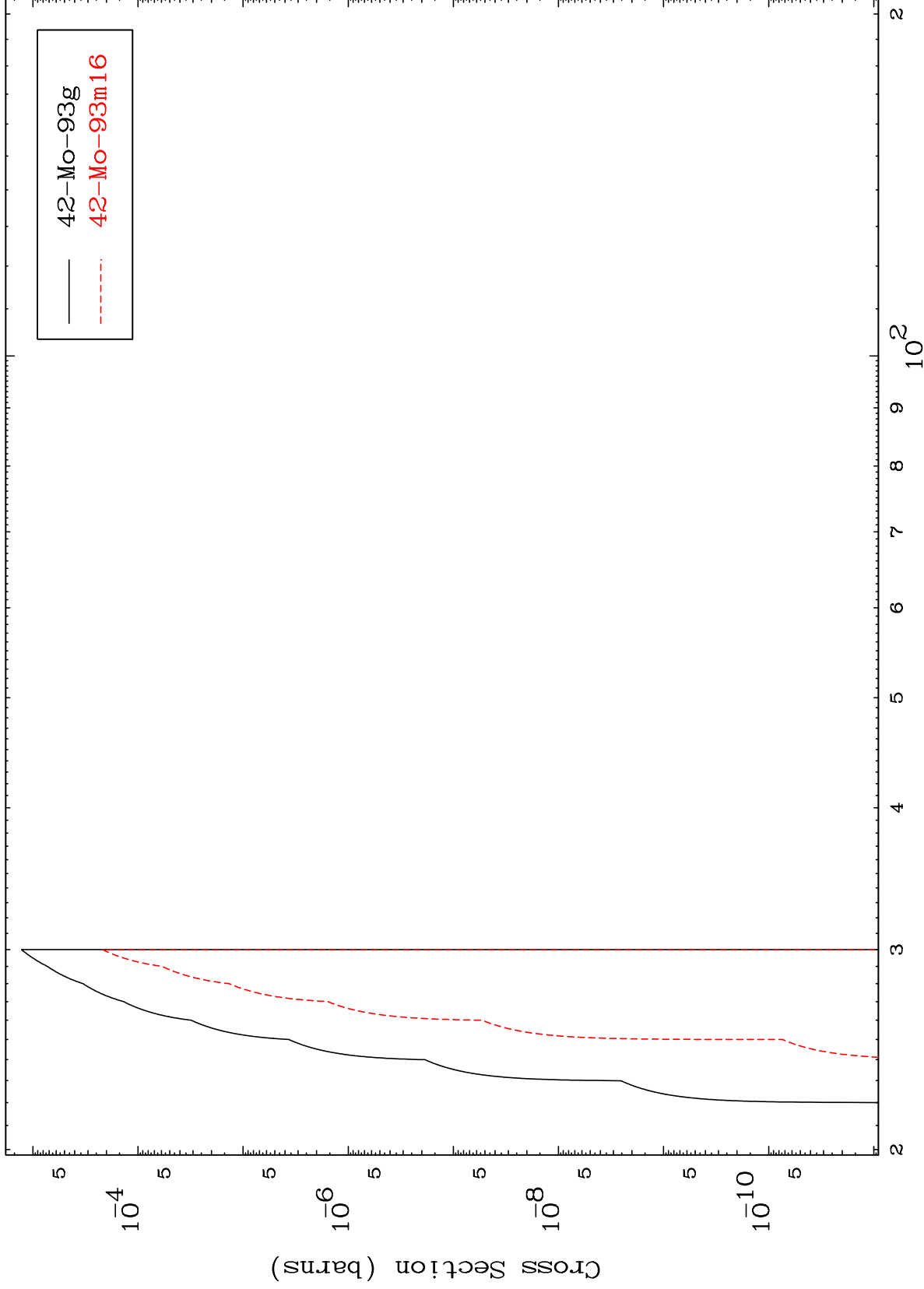
43-Tc-96

MAT 4316

(n,2n) d

43-Tc-96

Radionuclide Production Cross Section



121

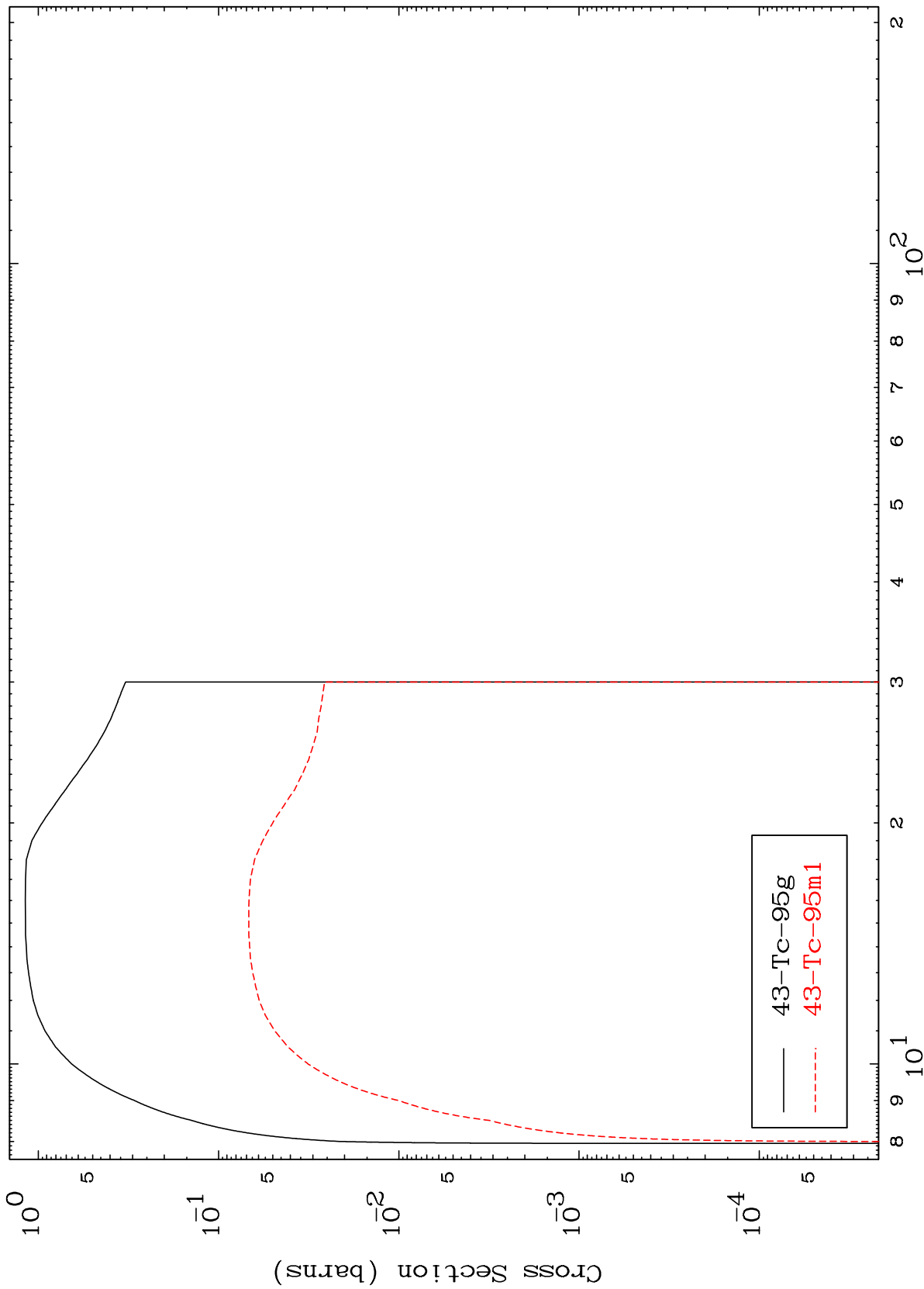
Incident Energy (MeV)

43-Tc-96

MAT 4316

43-Tc-96

Radionuclide Production Cross Section
(n,2n)

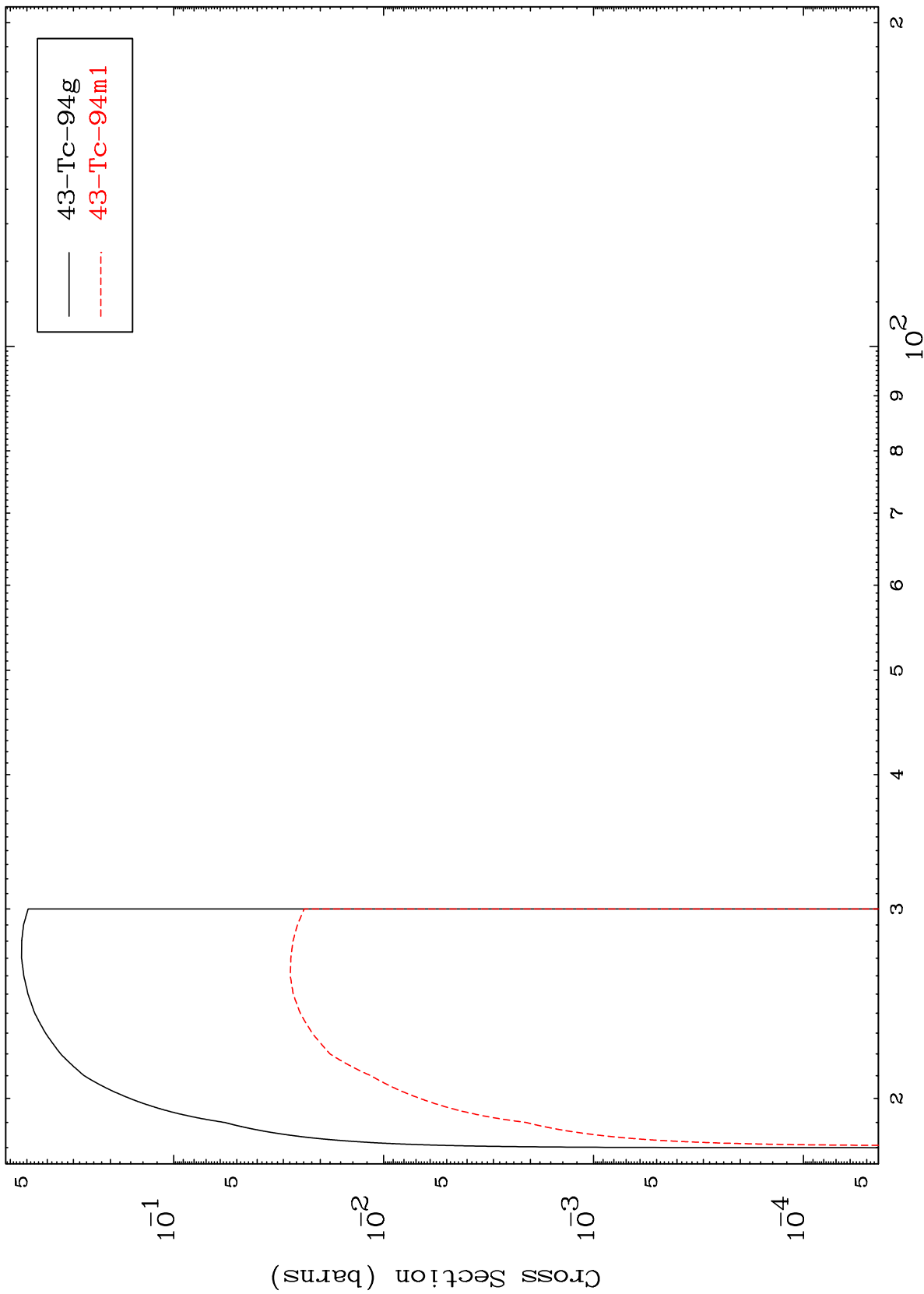


43-Tc-96

Incident Energy (MeV)

122

(n,3n)
Radionuclide Production Cross Section

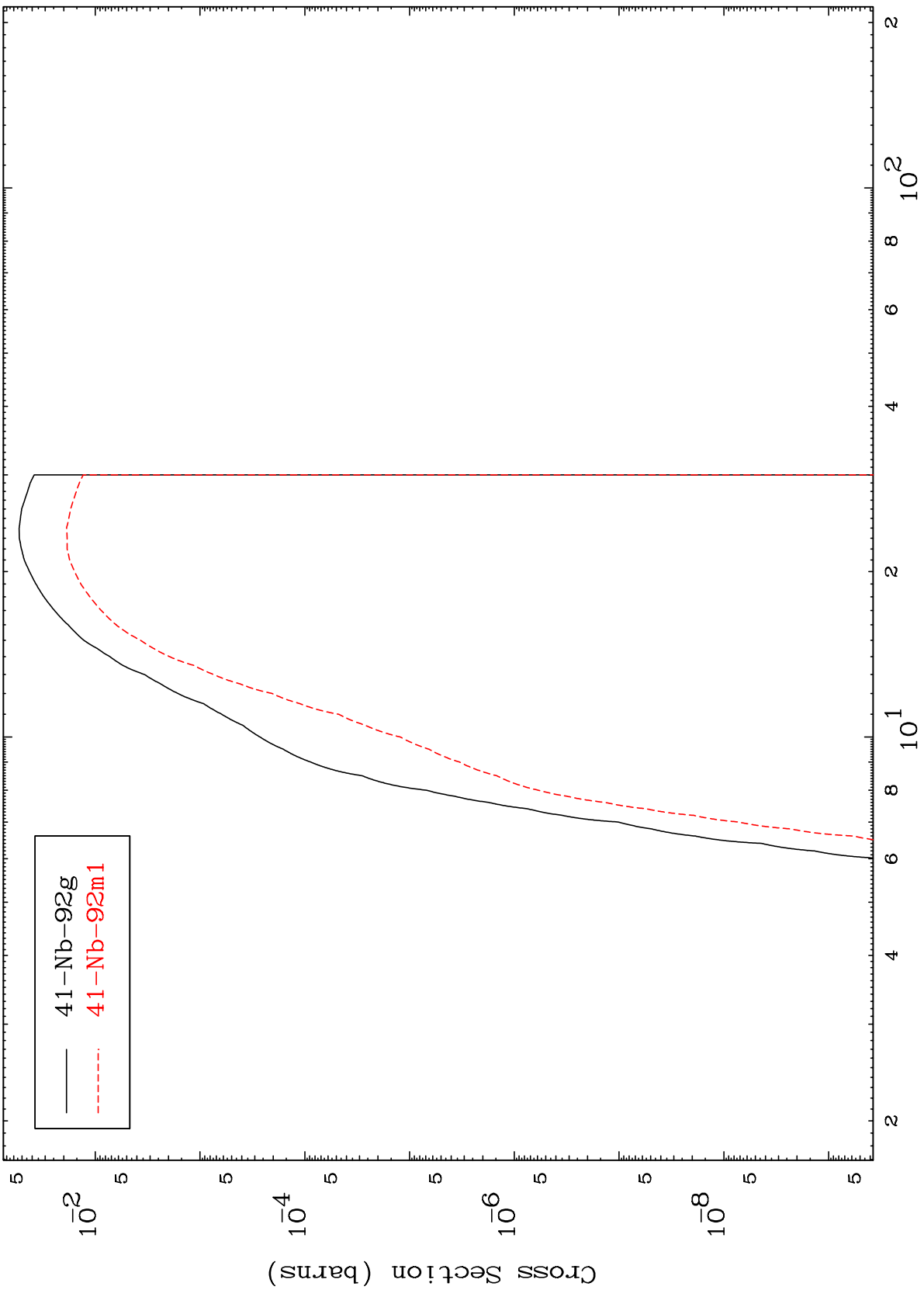


MAT 4316

43-Tc-96

(n,n') α

Radionuclide Production Cross Section



124

Incident Energy (MeV)

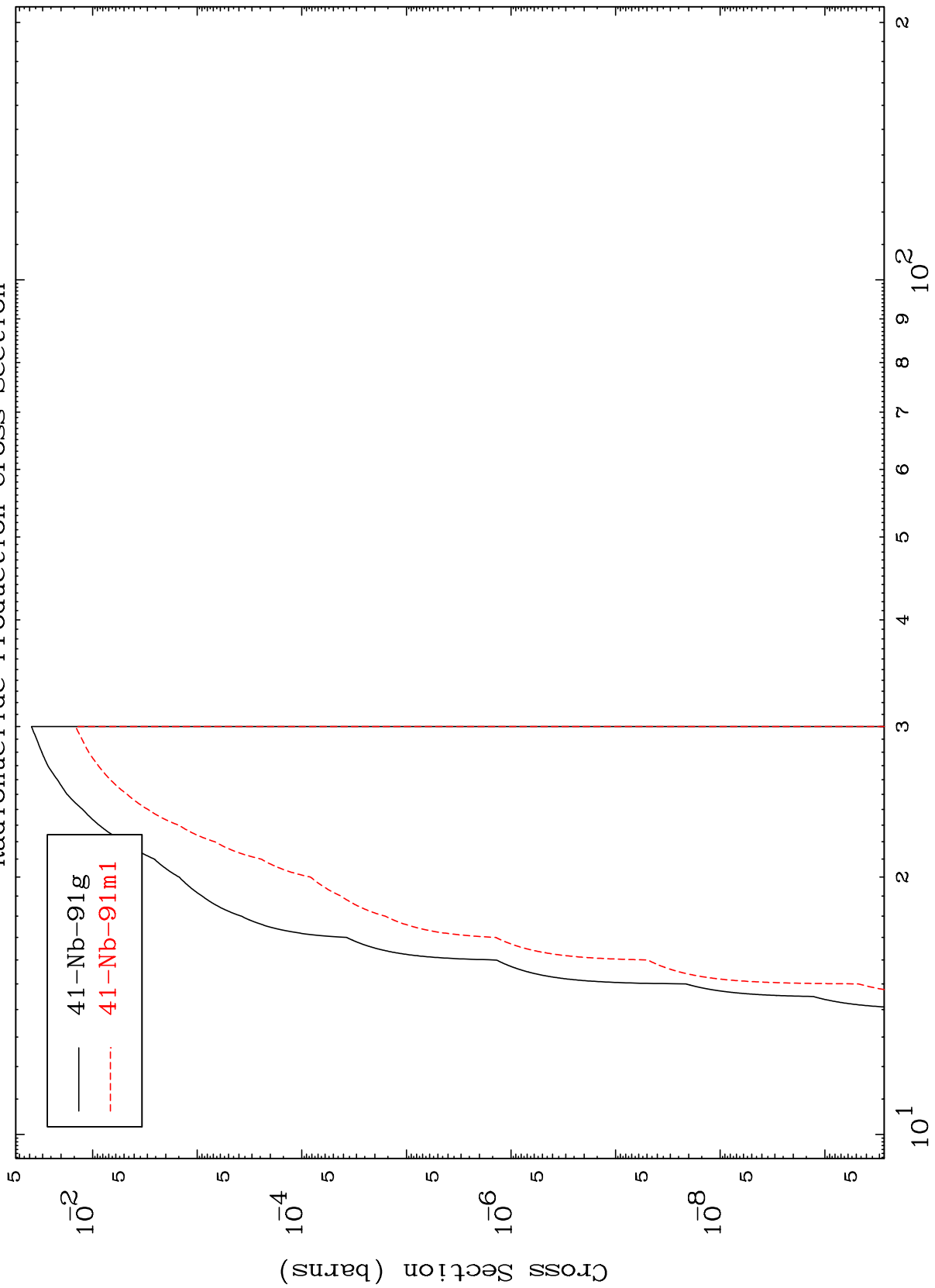
43-Tc-96

MAT 4316

(n,2n) α

43-Tc-96

Radionuclide Production Cross Section



125

Incident Energy (MeV)

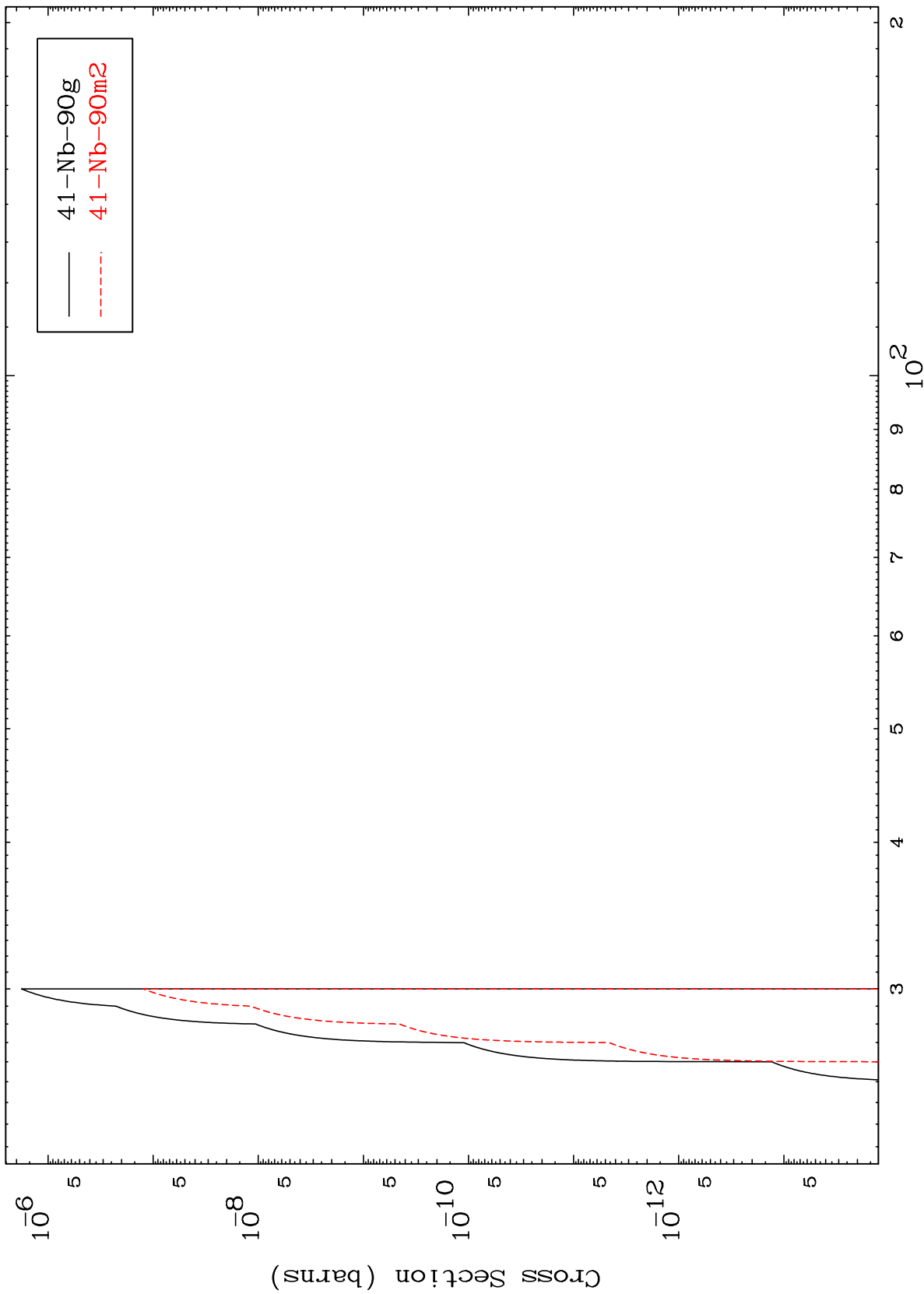
43-Tc-96

MAT 4316

(n,3n) α

43-Tc-96

Radionuclide Production Cross Section

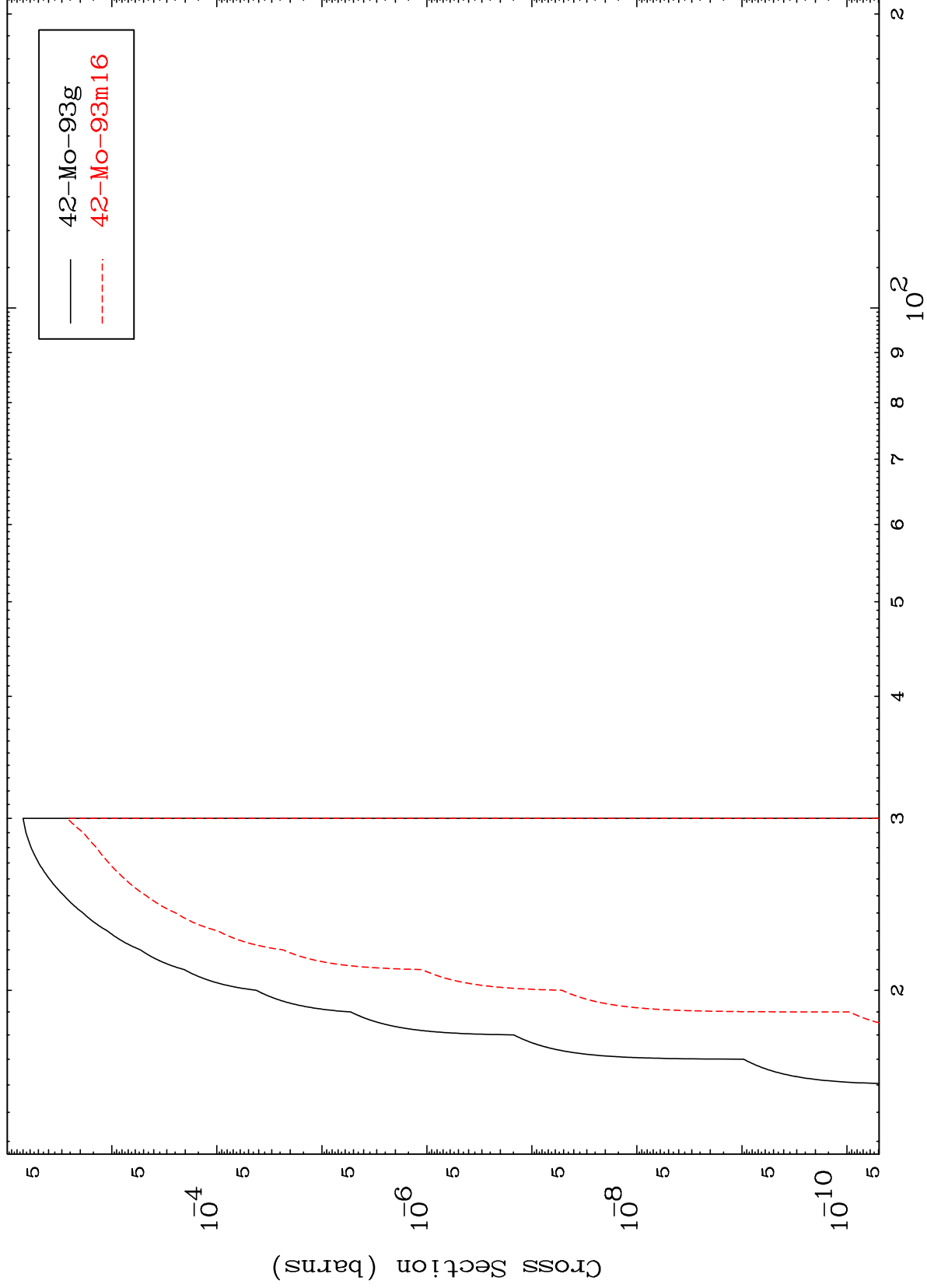


126

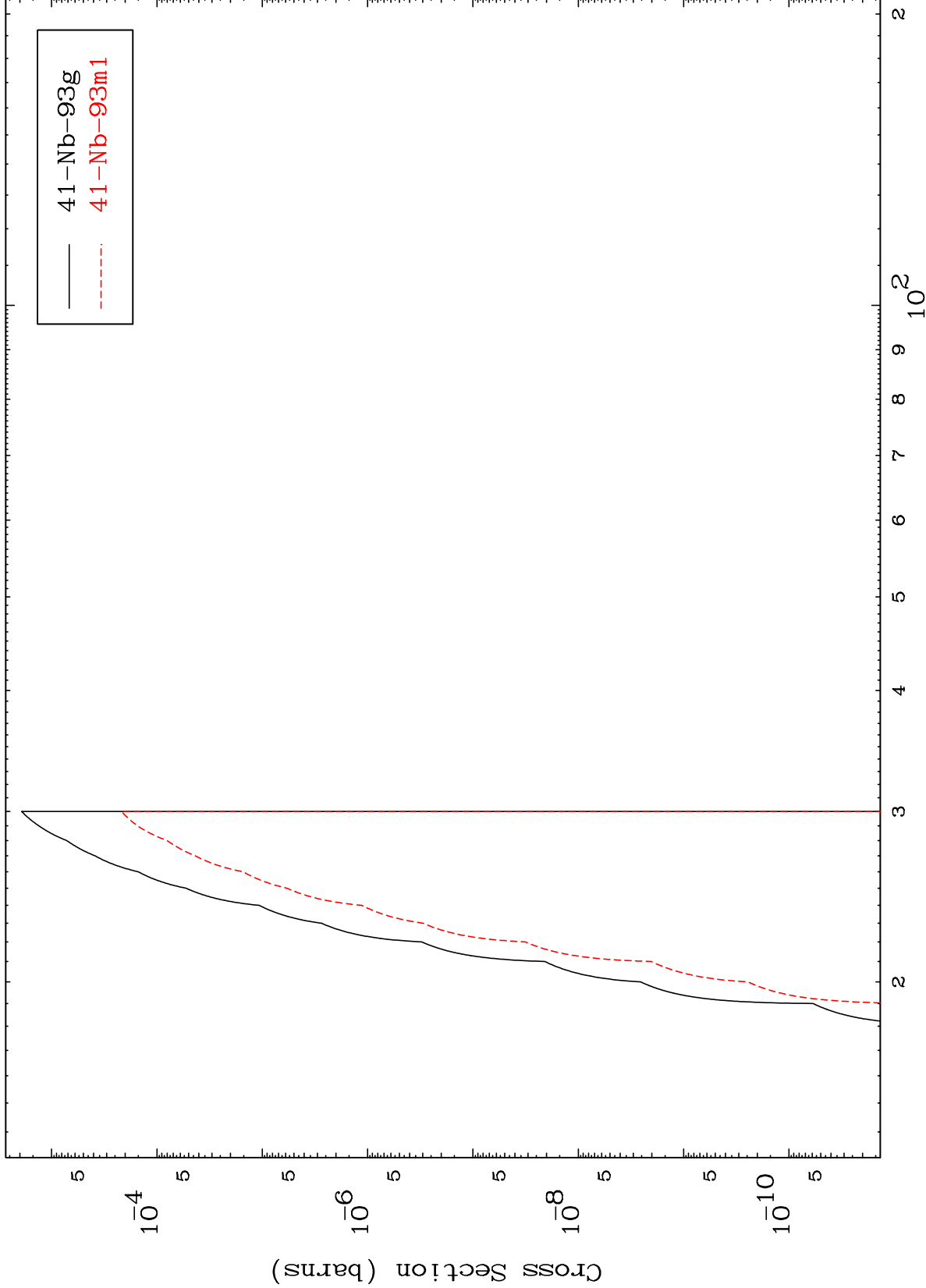
Incident Energy (MeV)

43-Tc-96

Radionuclide Production Cross Section



Radionuclide Production Cross Section



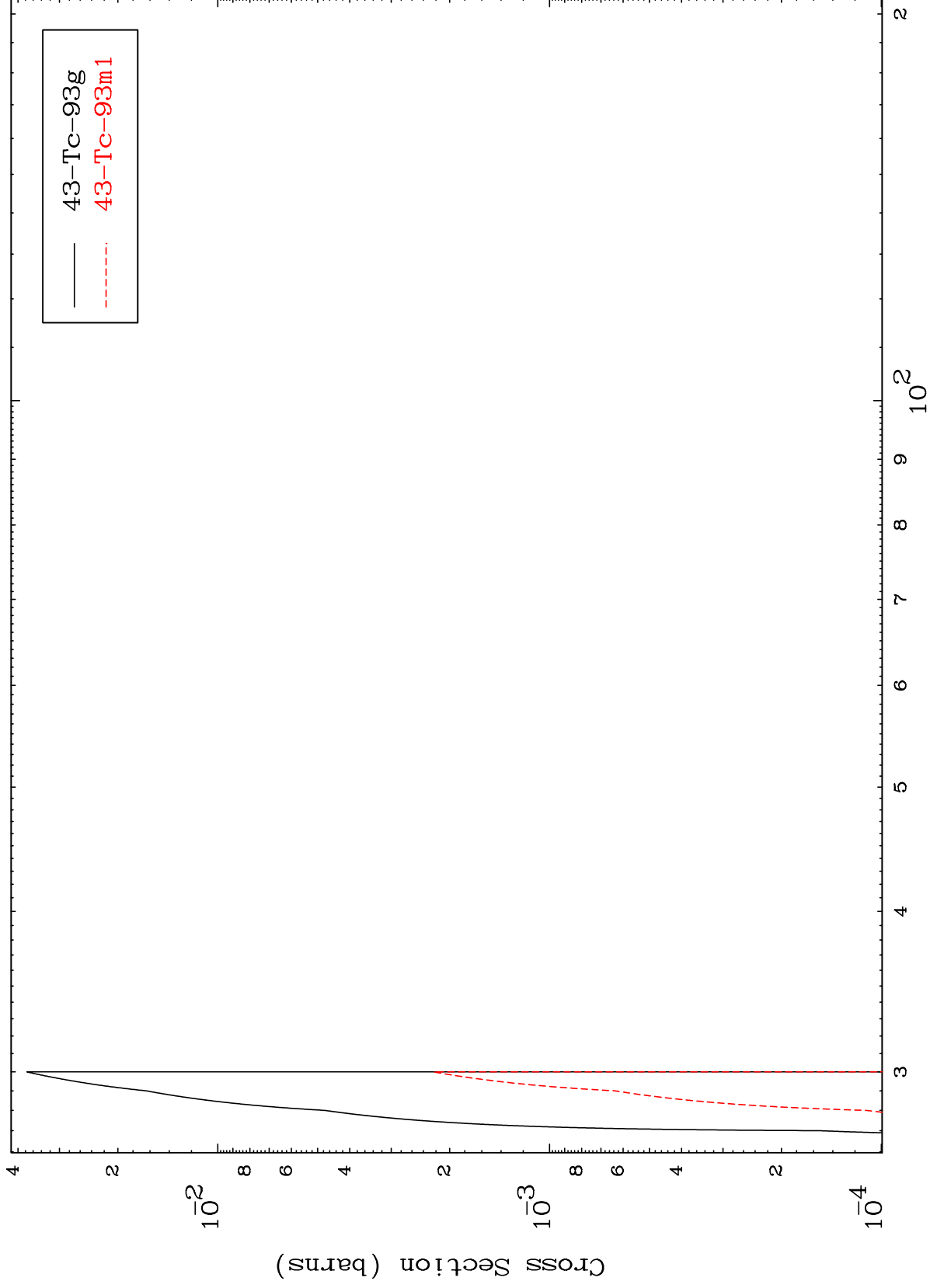
41-Nb-93g
41-Nb-93m1

MAT 4316

(n,4n)

43-Tc-96

Radionuclide Production Cross Section



129

Incident Energy (MeV)

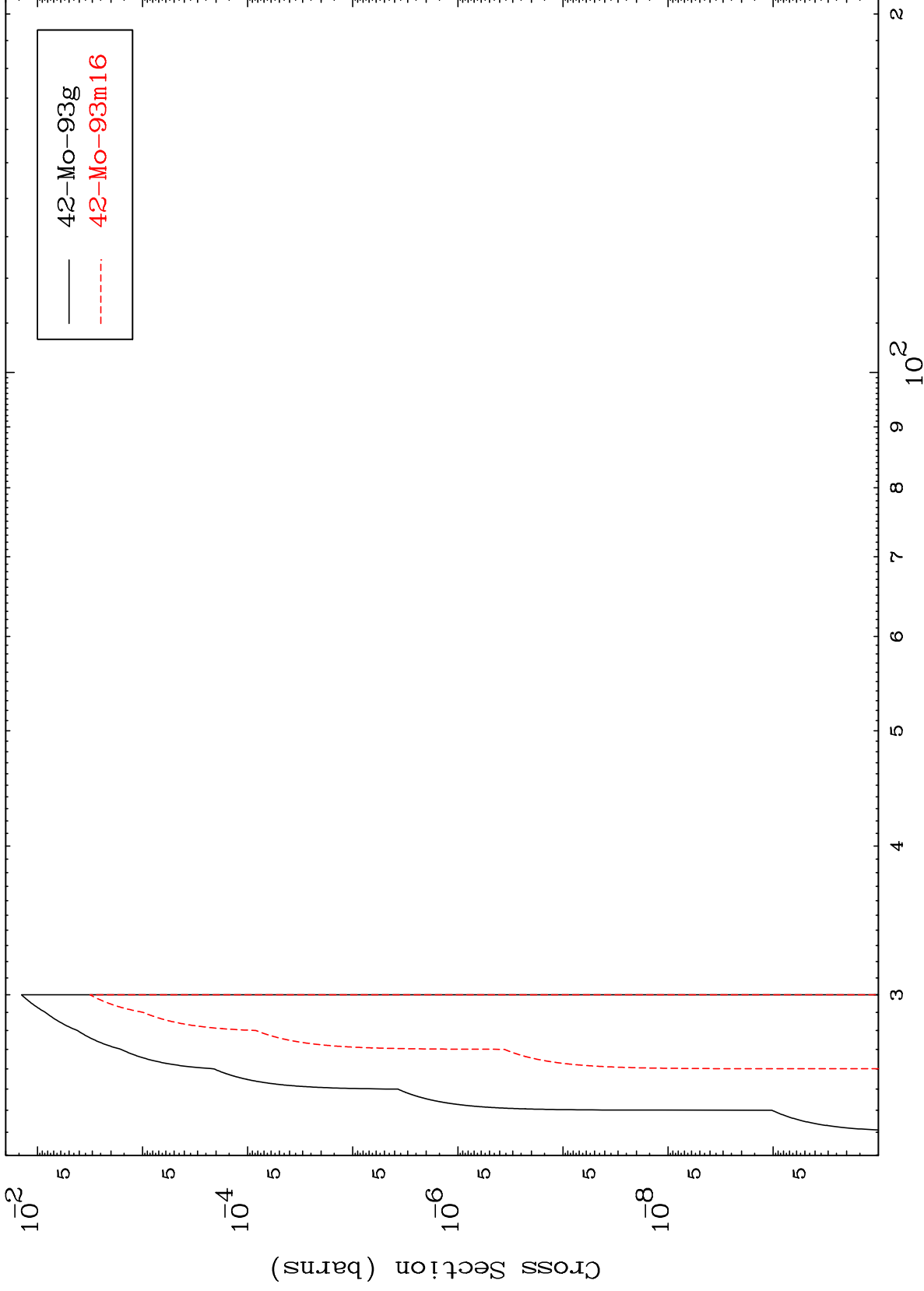
43-Tc-96

MAT 4316

(n,3n) p

43-Tc-96

Radionuclide Production Cross Section



130

Incident Energy (MeV)

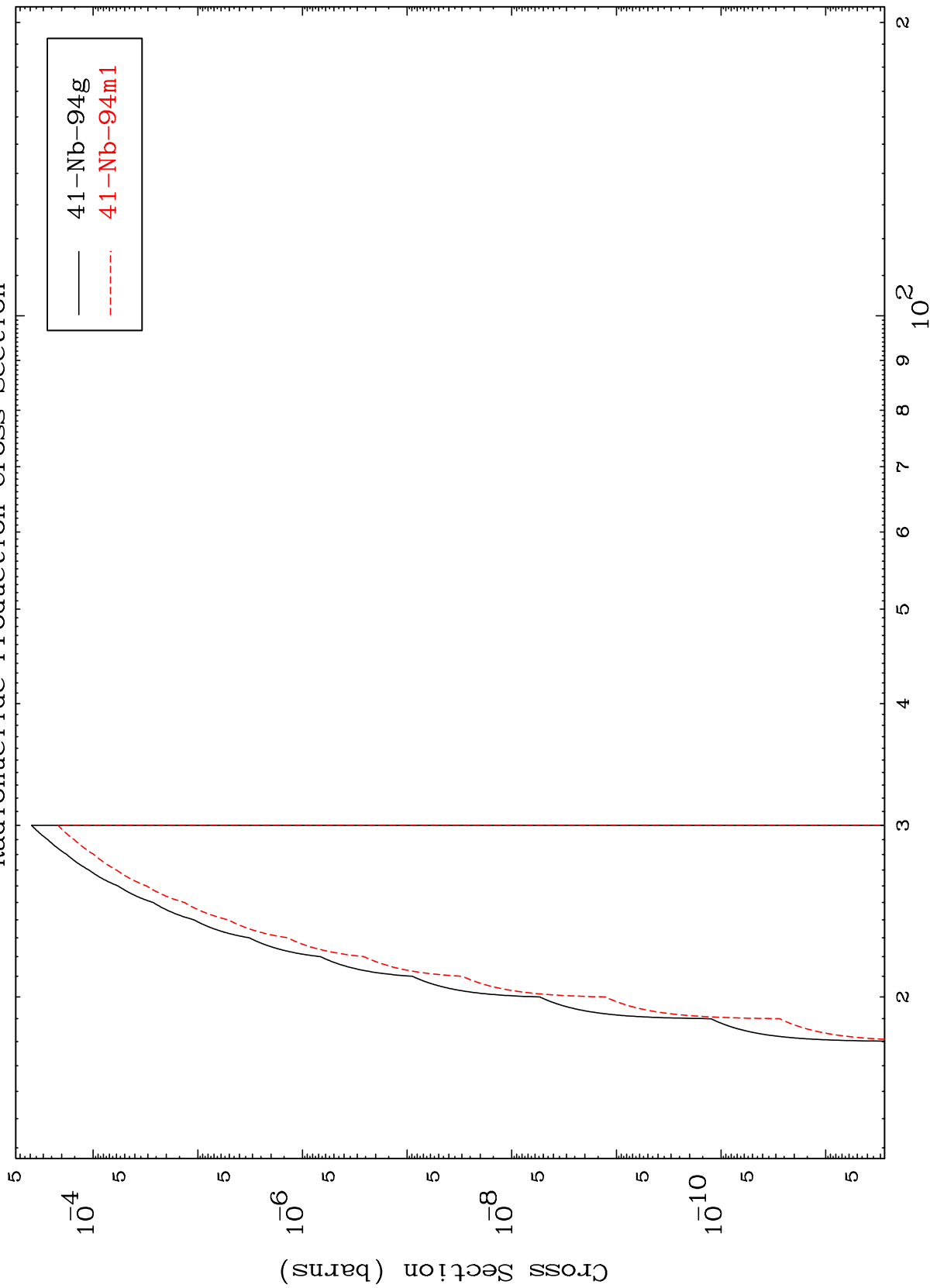
43-Tc-96

MAT 4316

(n,2n) p

43-Tc-96

Radionuclide Production Cross Section



41-Nb-94g
41-Nb-94m1

131

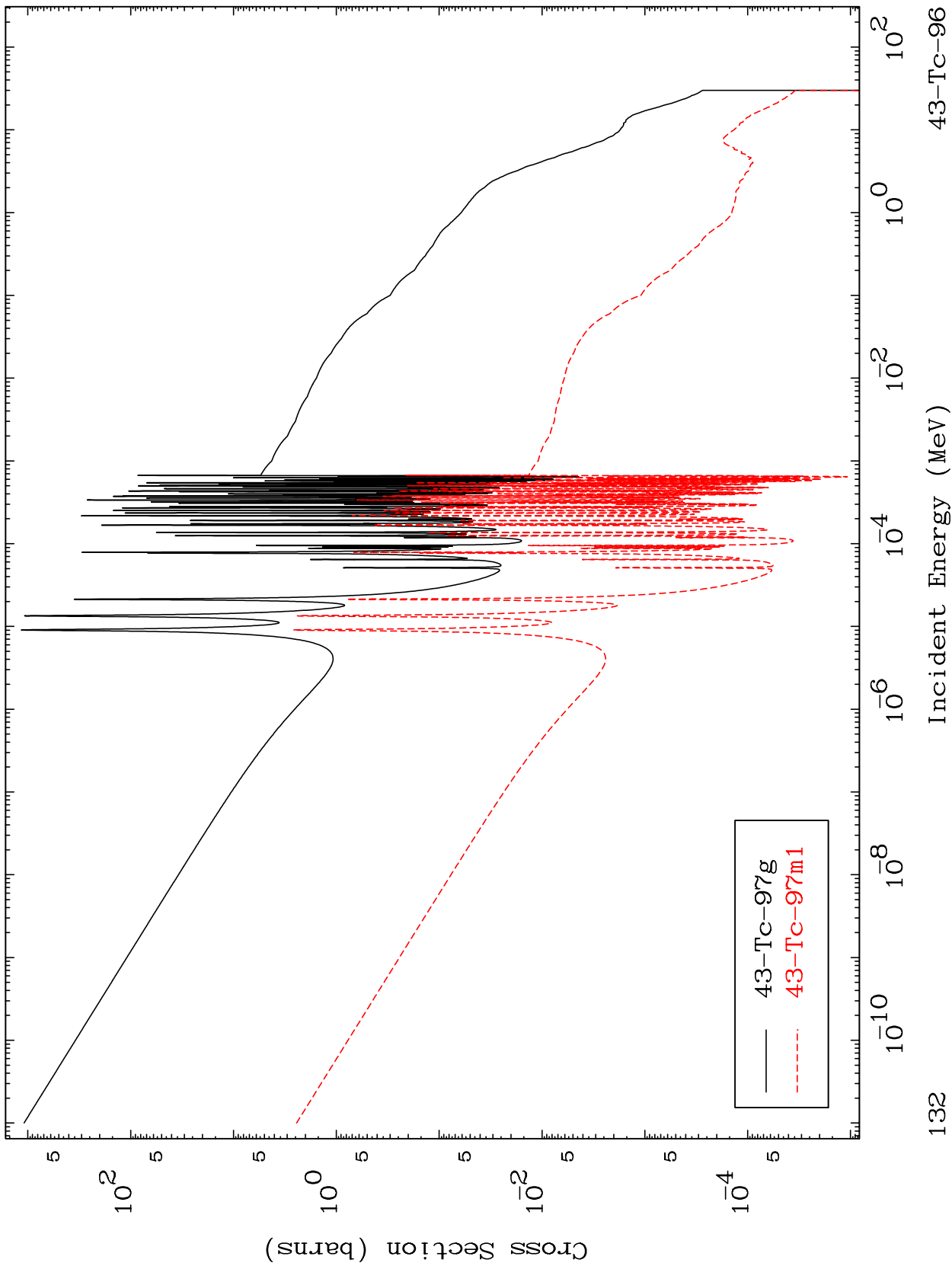
Incident Energy (MeV)

43-Tc-96

MAT 4316

43-Tc-96

(n, γ)
Radionuclide Production Cross Section

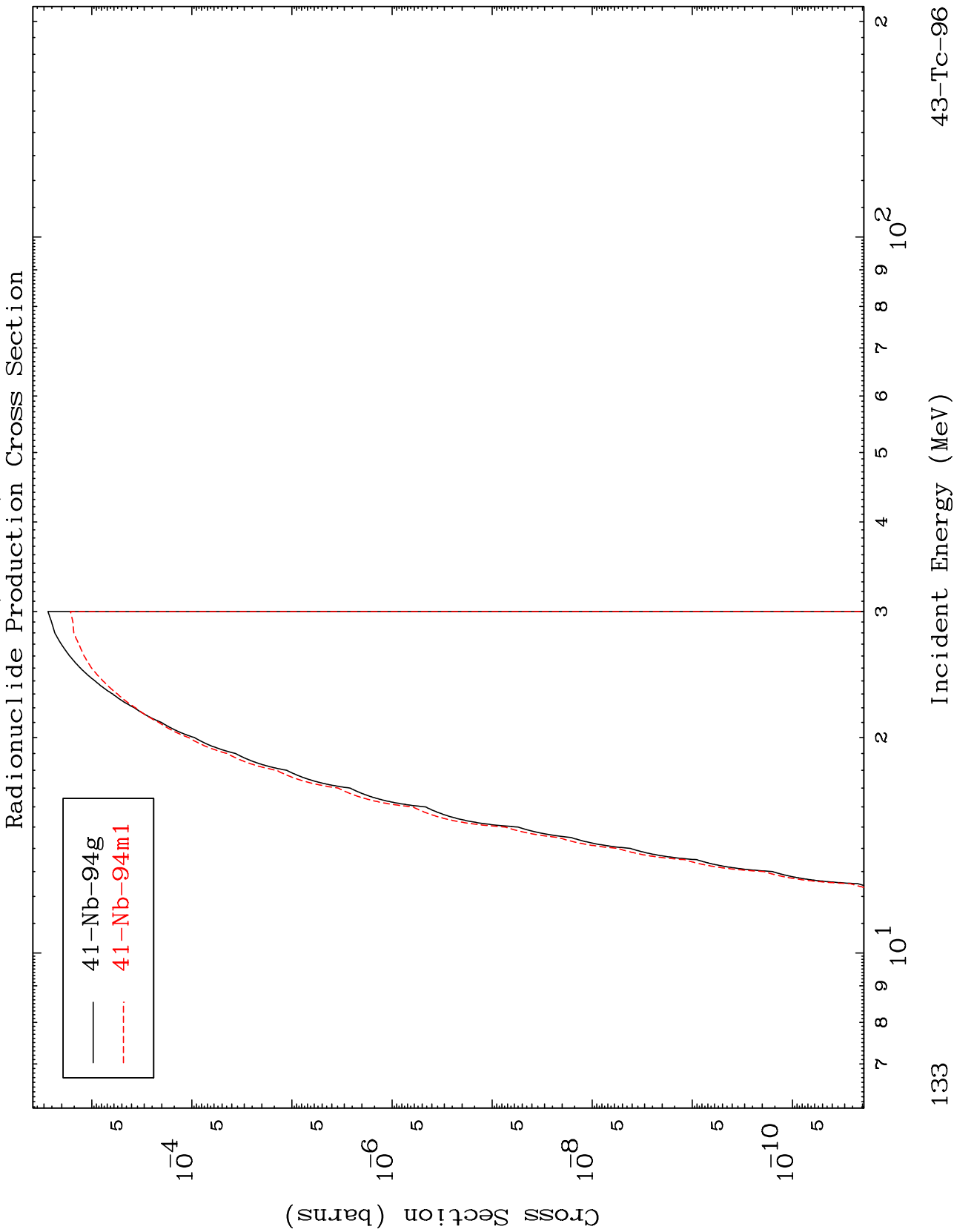


132

43-Tc-96

MAT 4316

43-Tc-96

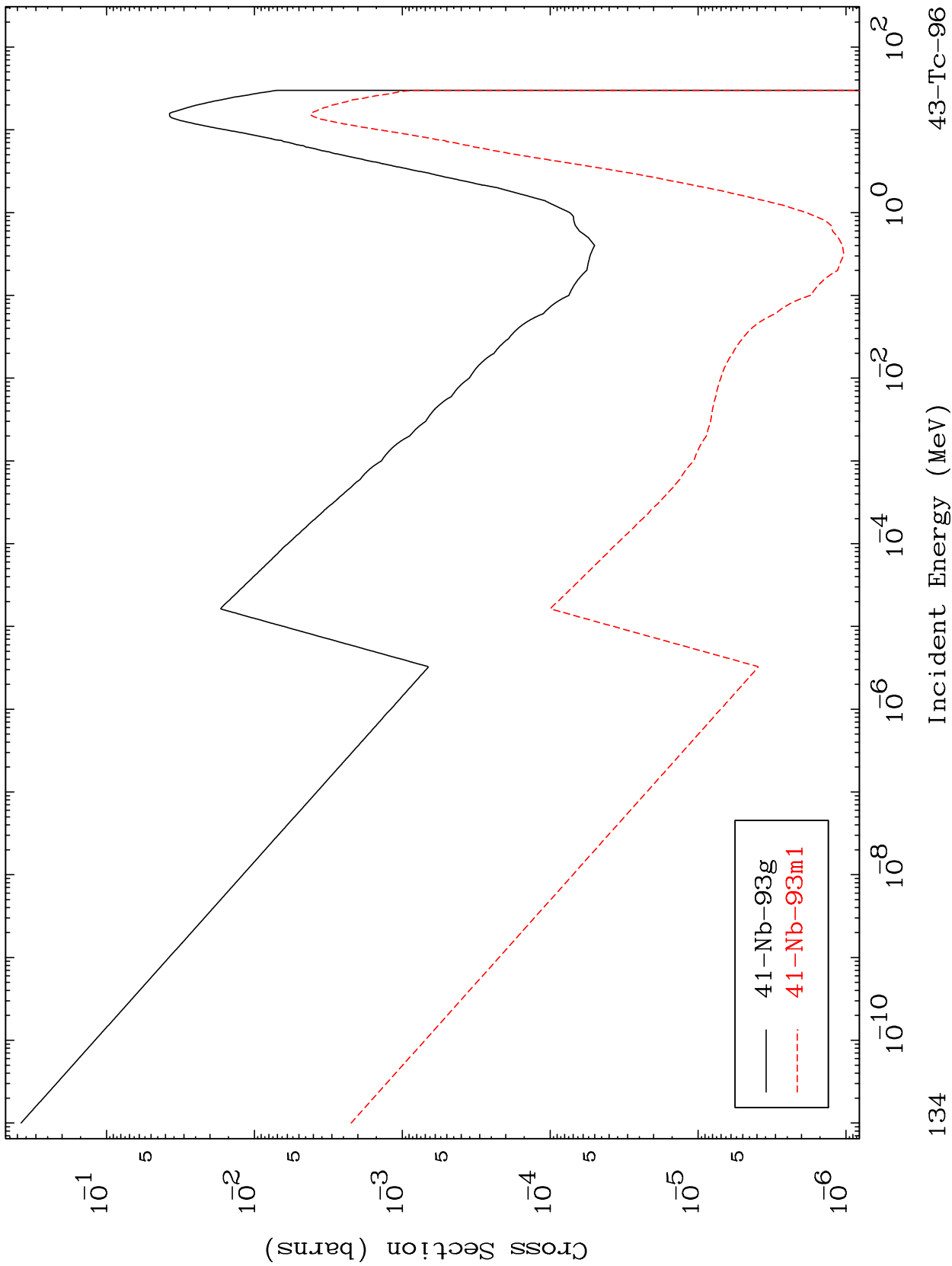


— 41-Nb-94g
- - - 41-Nb-94m1

MAT 4316

43-Tc-96

(n, α)
Radionuclide Production Cross Section



134

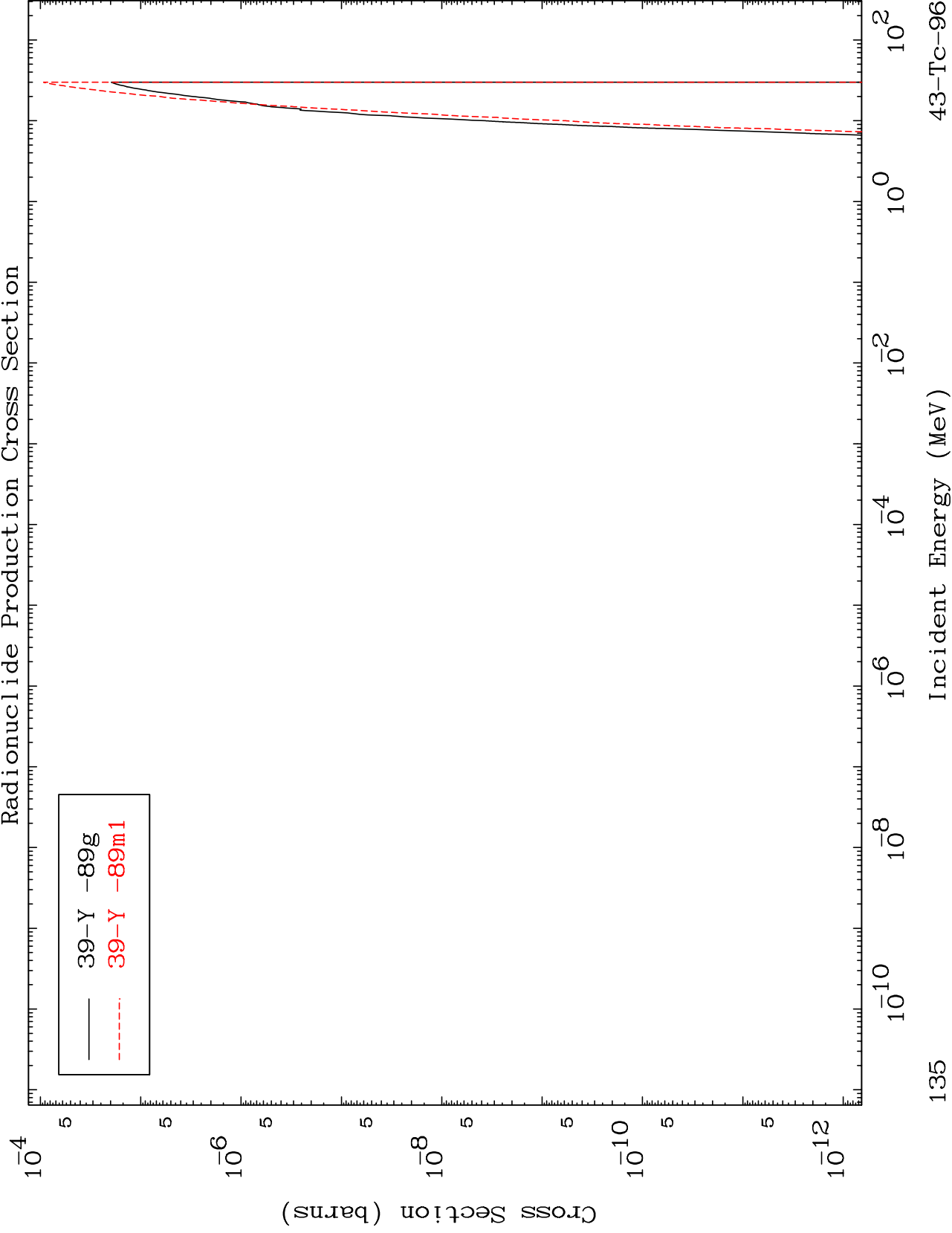
43-Tc-96

MAT 4316

(n,2α)

43-Tc-96

Radionuclide Production Cross Section

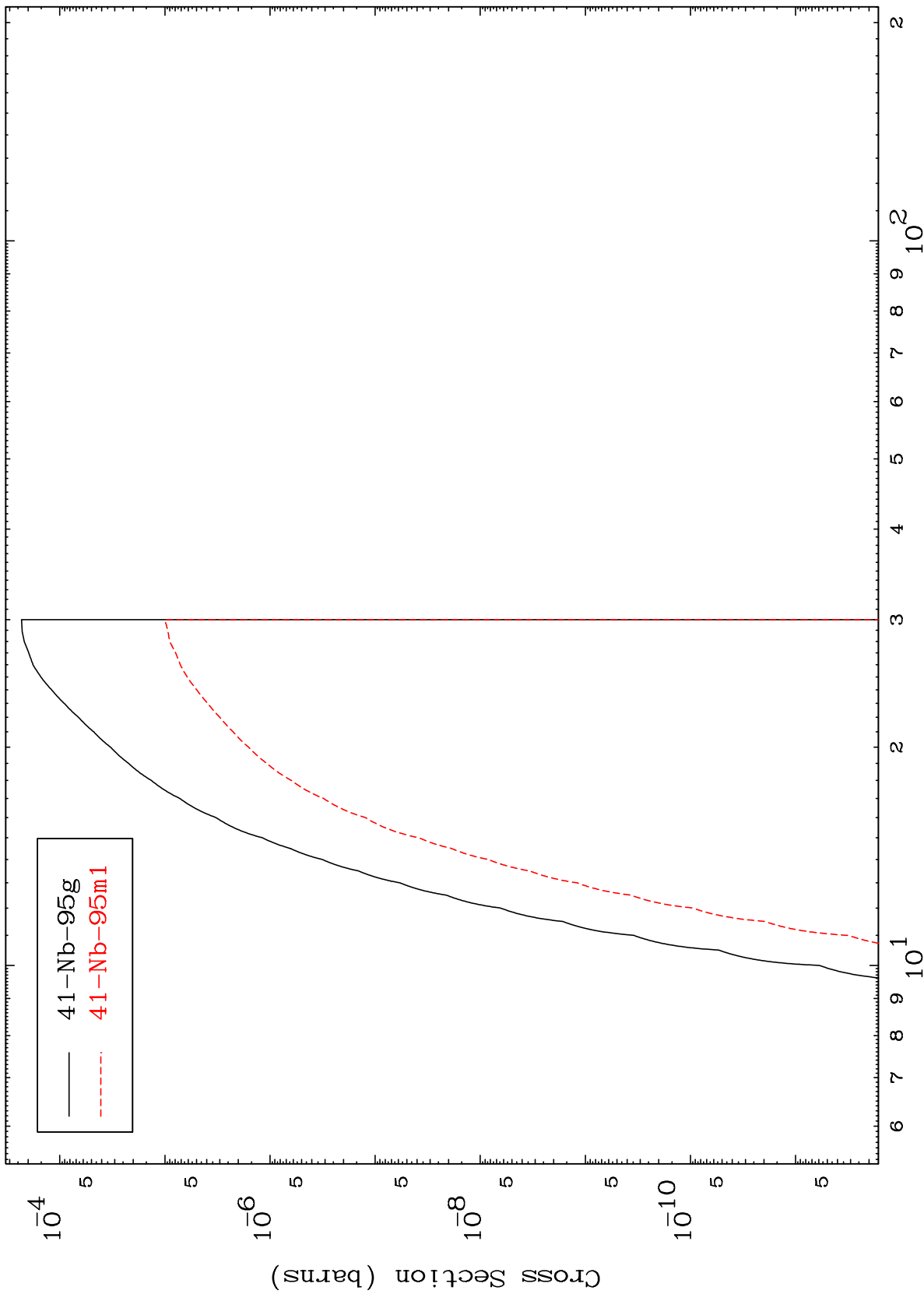


135

MAT 4316

43-Tc-96

(n,2p)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

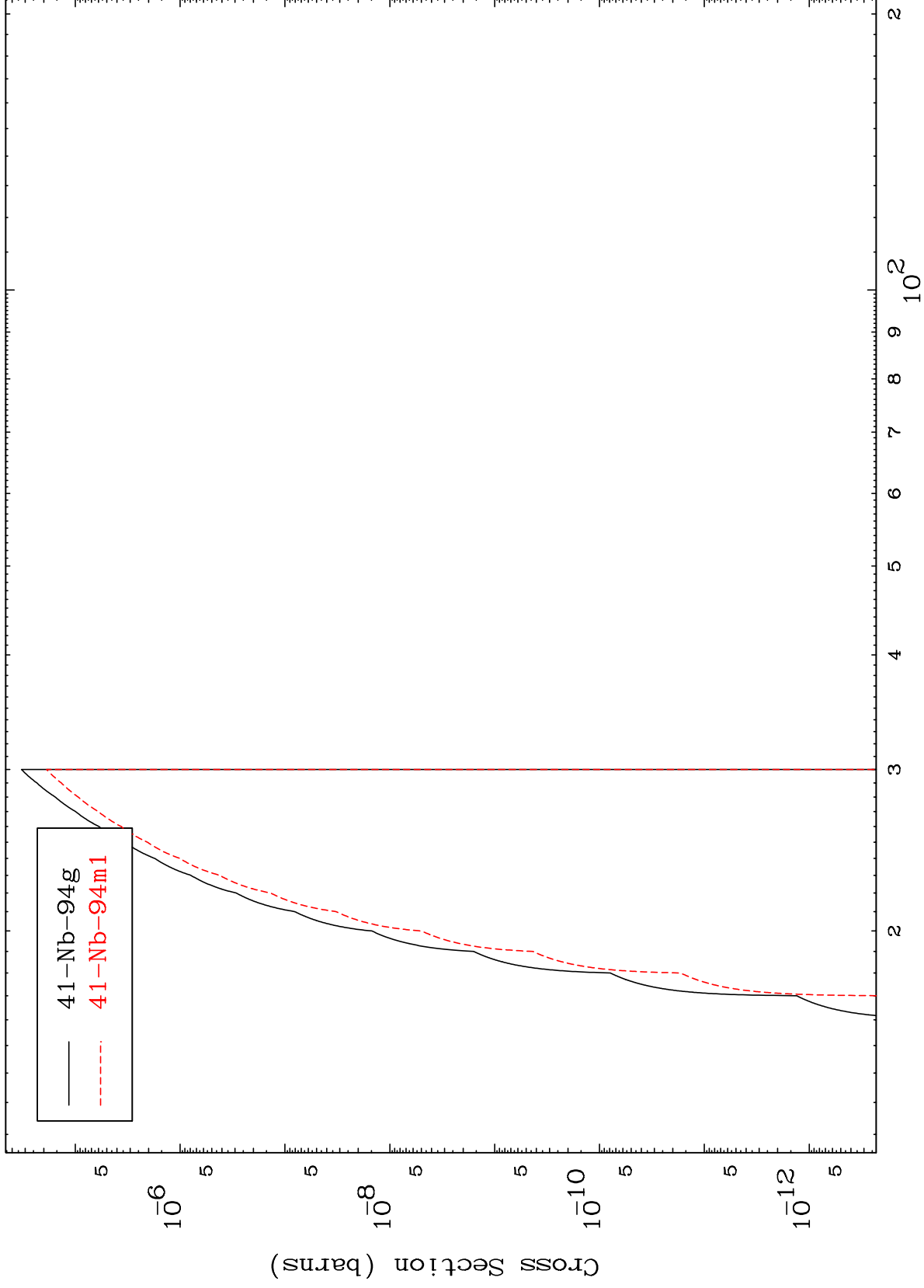
43-Tc-96

MAT 4316

(n,p) d

43-Tc-96

Radionuclide Production Cross Section



137

Incident Energy (MeV)

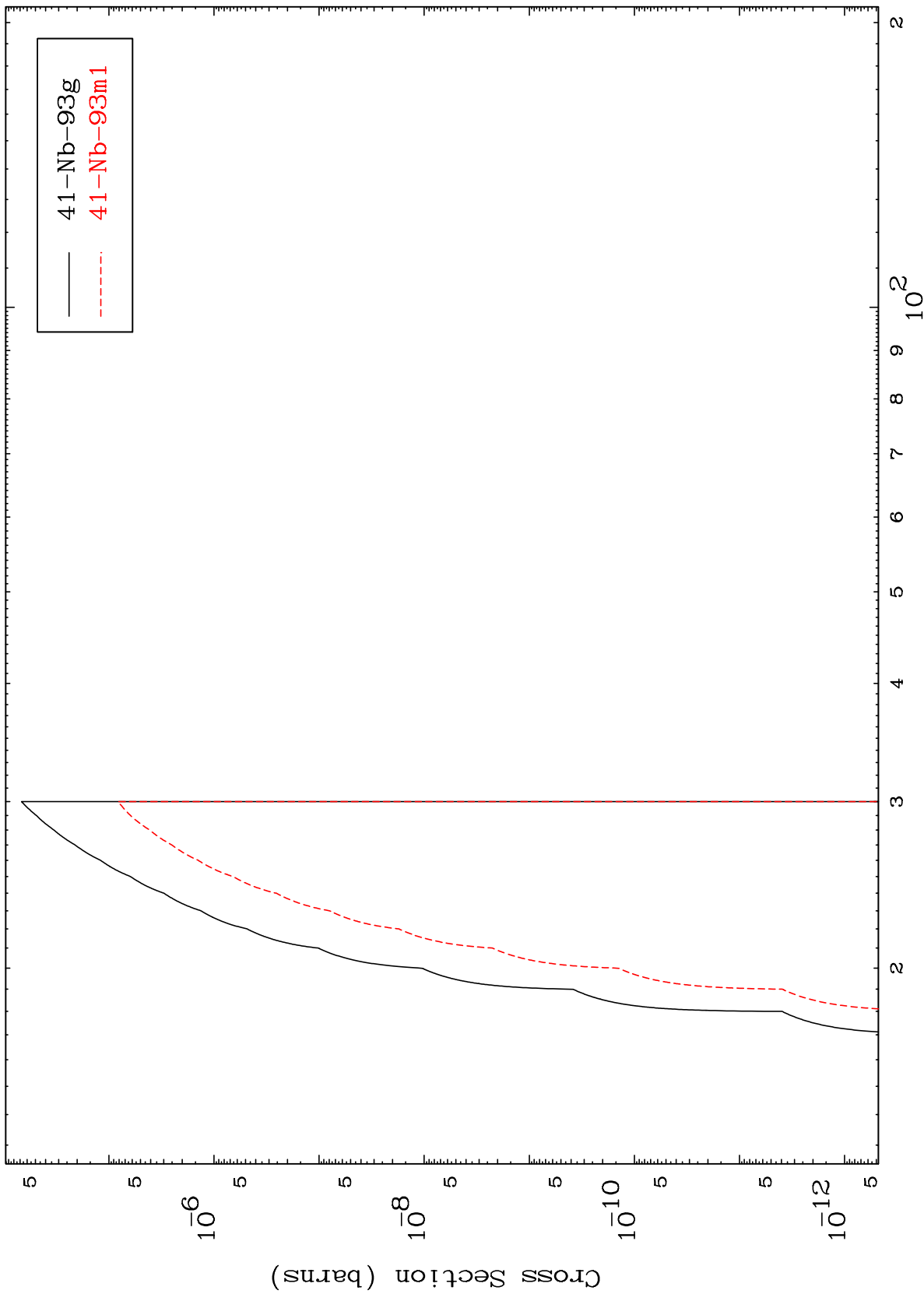
43-Tc-96

MAT 4316

(n,p) t

43-Tc-96

Radionuclide Production Cross Section



138

Incident Energy (MeV)

43-Tc-96