

Program EVALPLOT
(Version 2017-1)

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

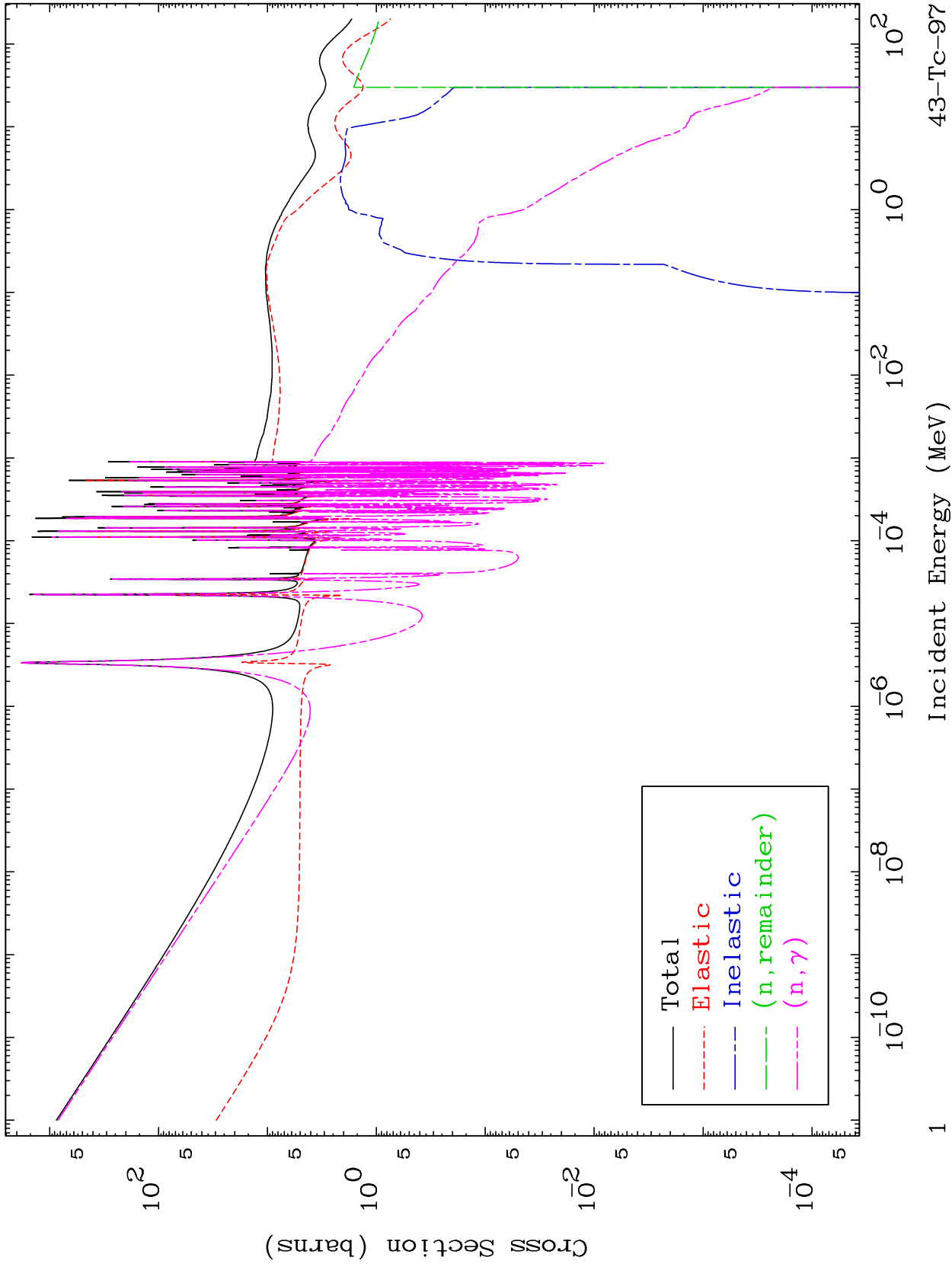
Web:redcullen1.net/HOMEPAGE.NEW

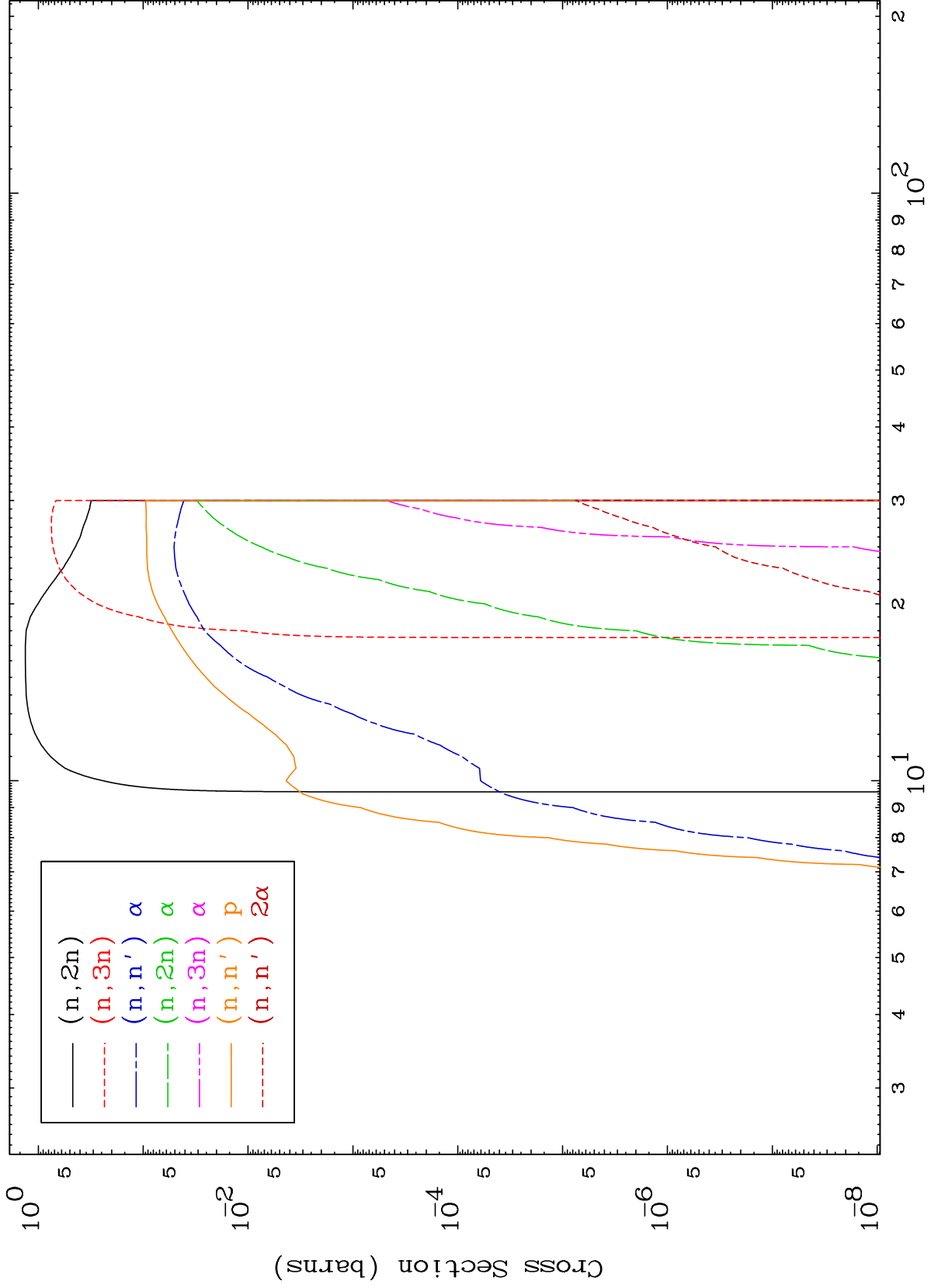
Press Mouse Button to Start

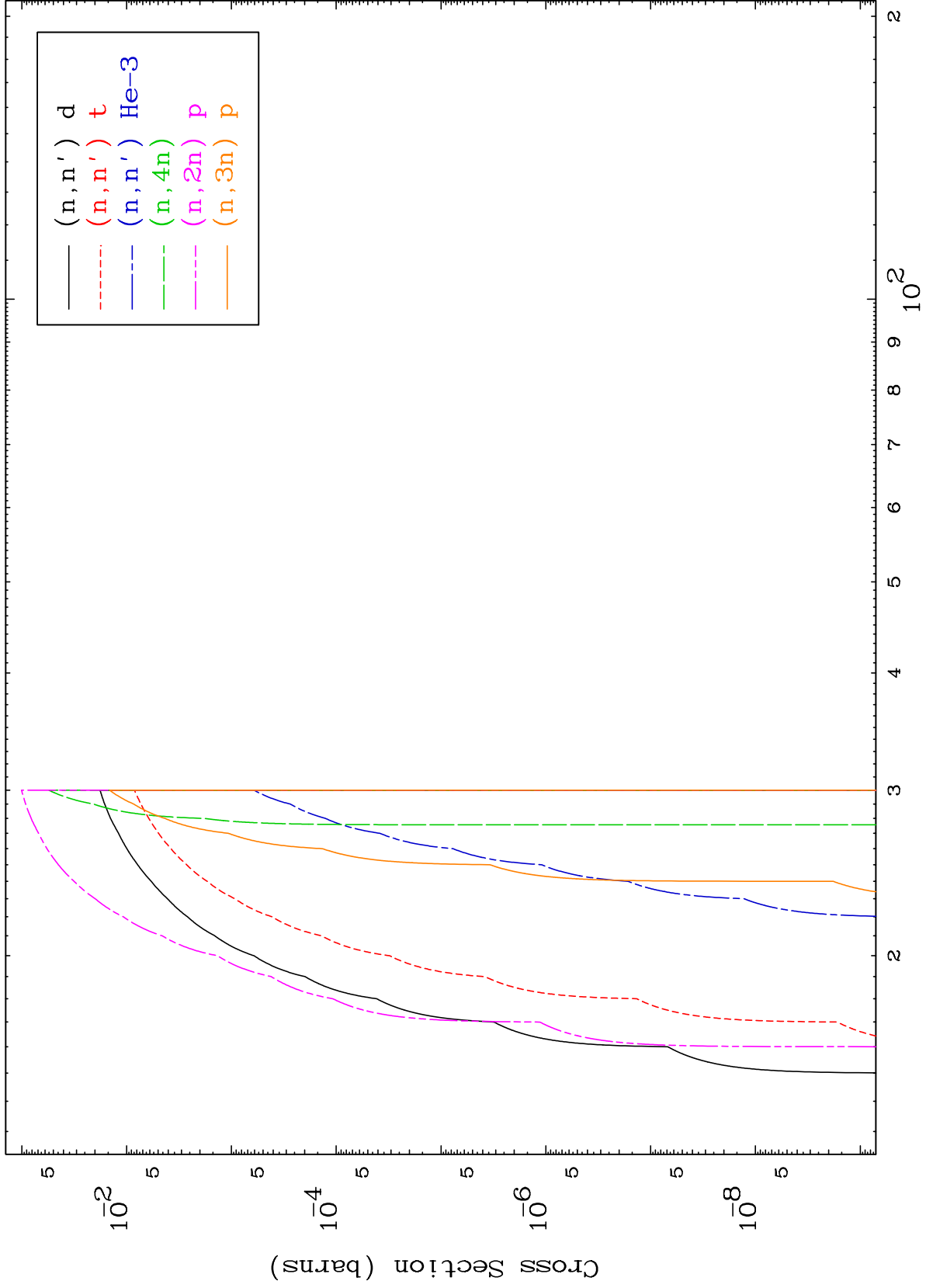
MAT 4319

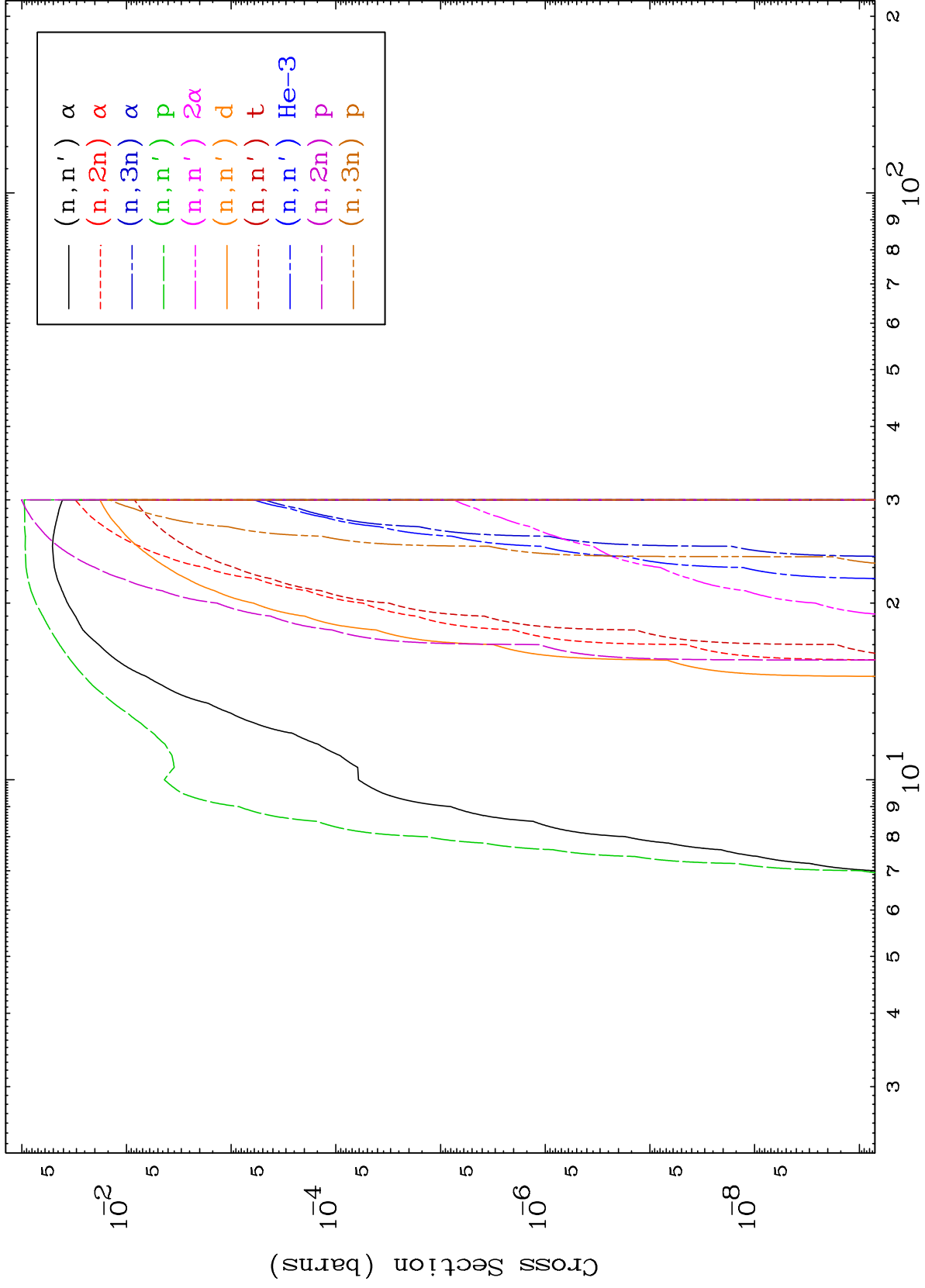
Major
293 Kelvin Cross Sections

43-Tc-97





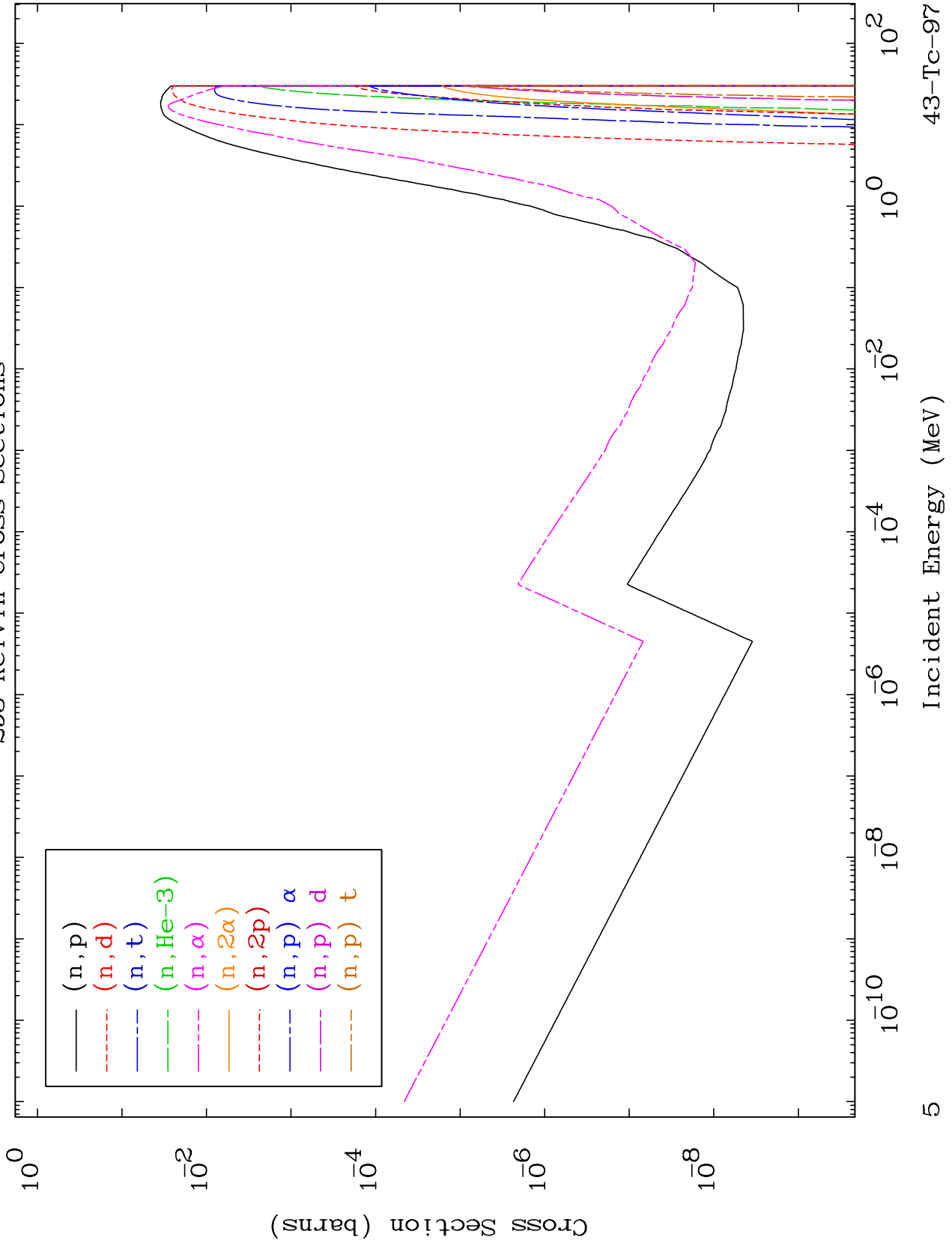


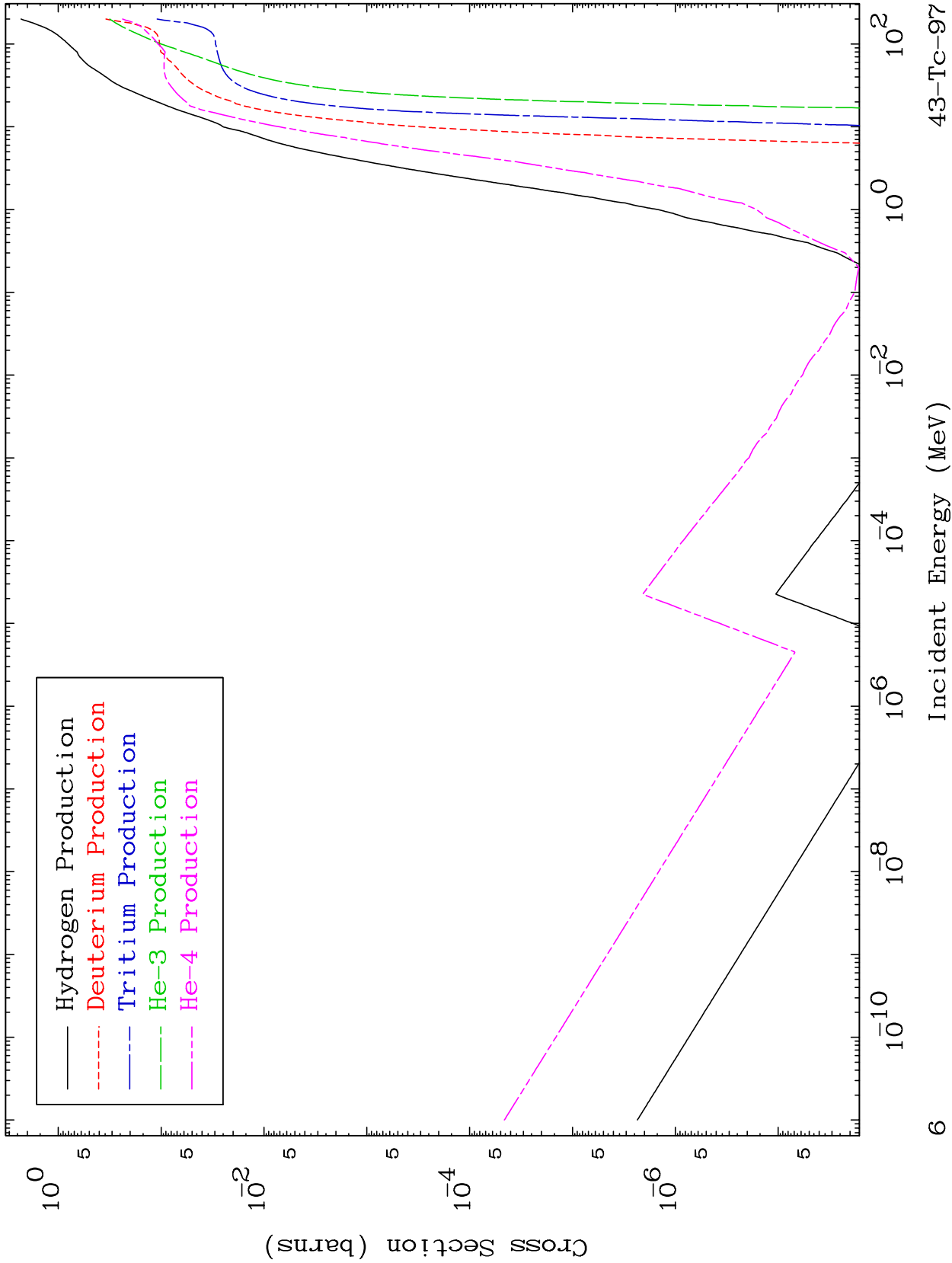


MAT 4319

Charged Particle
293 Kelvin Cross Sections

43-Tc-97



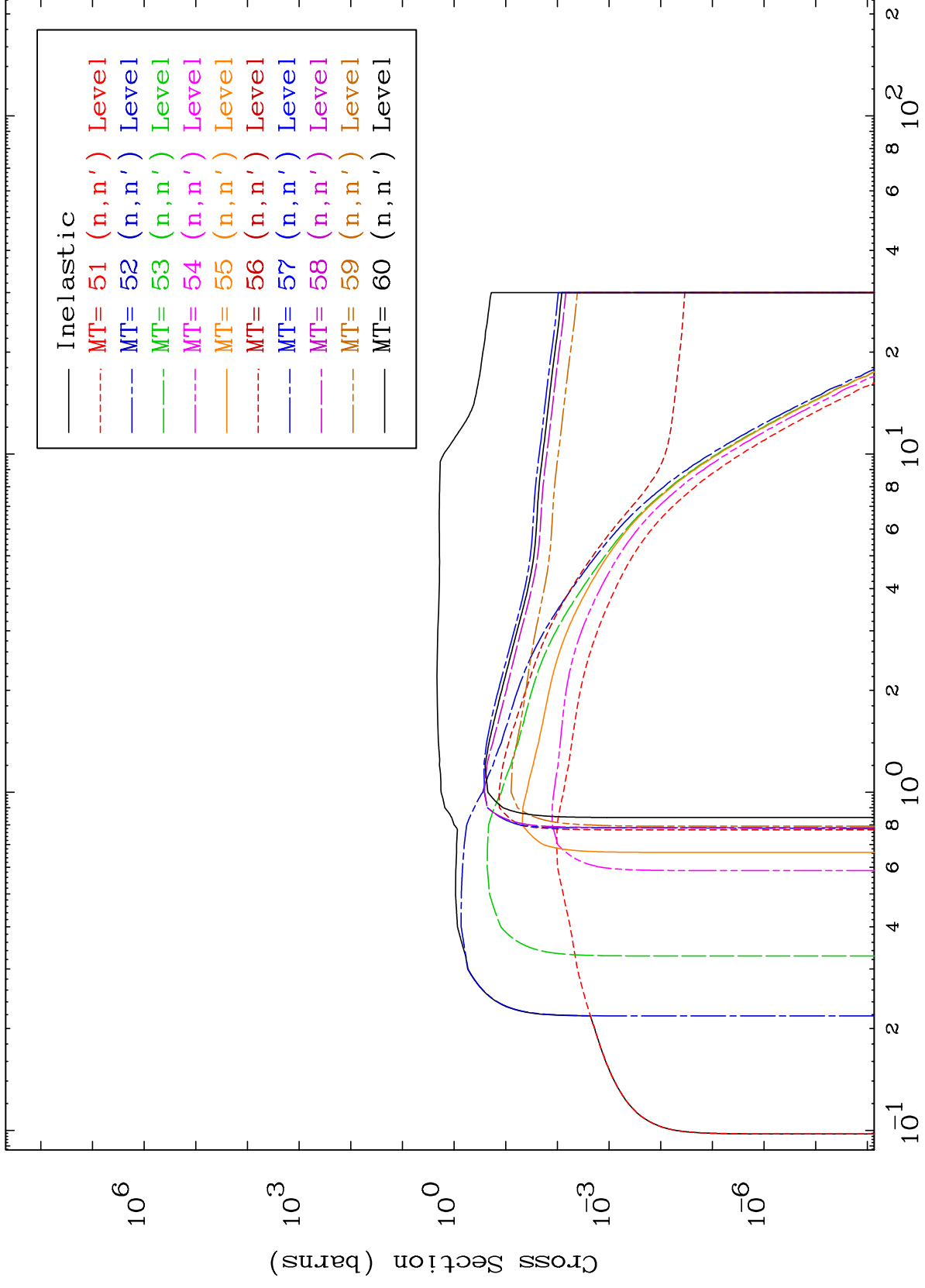


MAT 4319

(n,n') Level

43-Tc-97

293 Kelvin Cross Sections



Incident Energy (MeV)

43-Tc-97

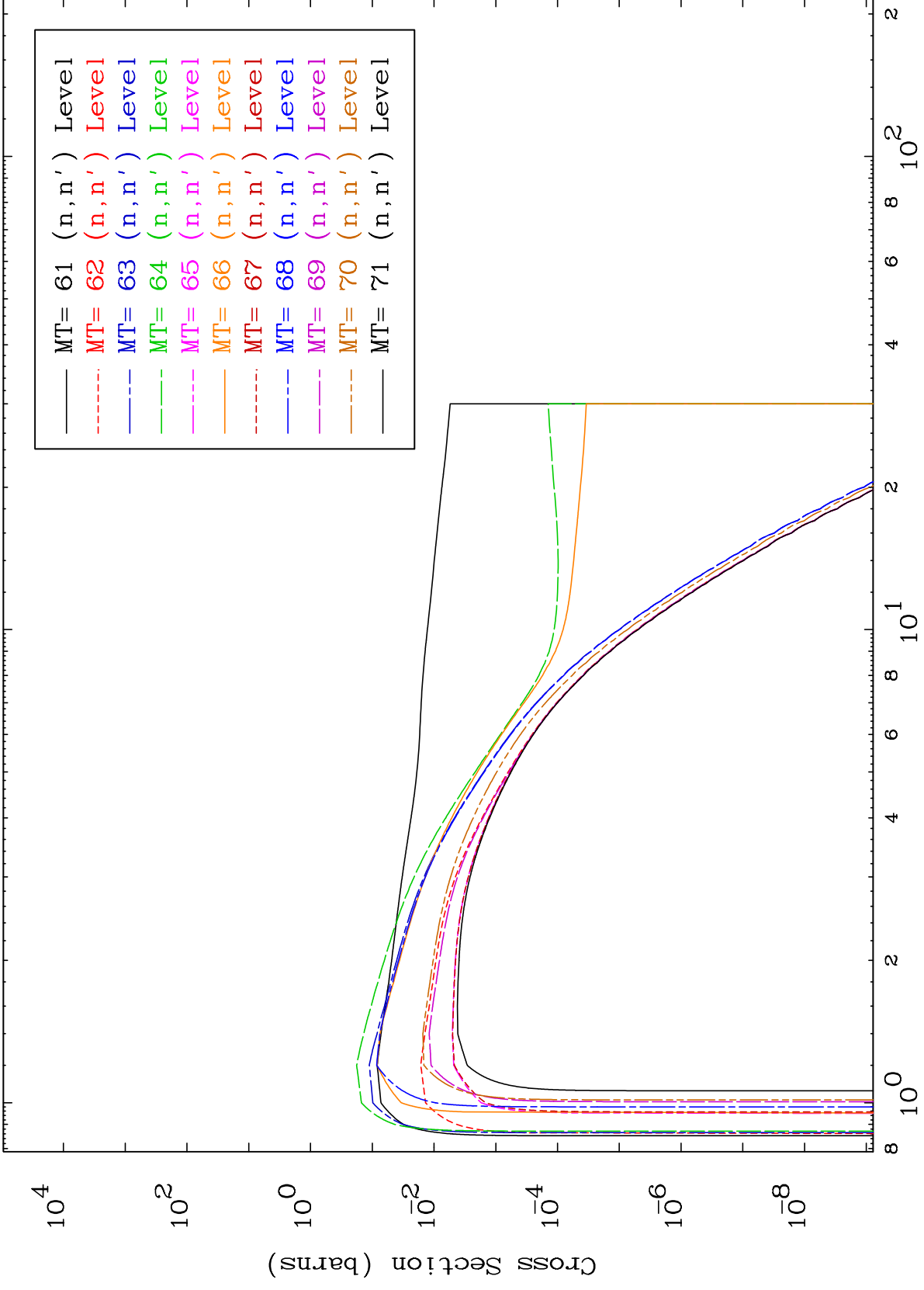
7

MAT 4319

(n,n') Level

43-Tc-97

293 Kelvin Cross Sections



8

Incident Energy (MeV)

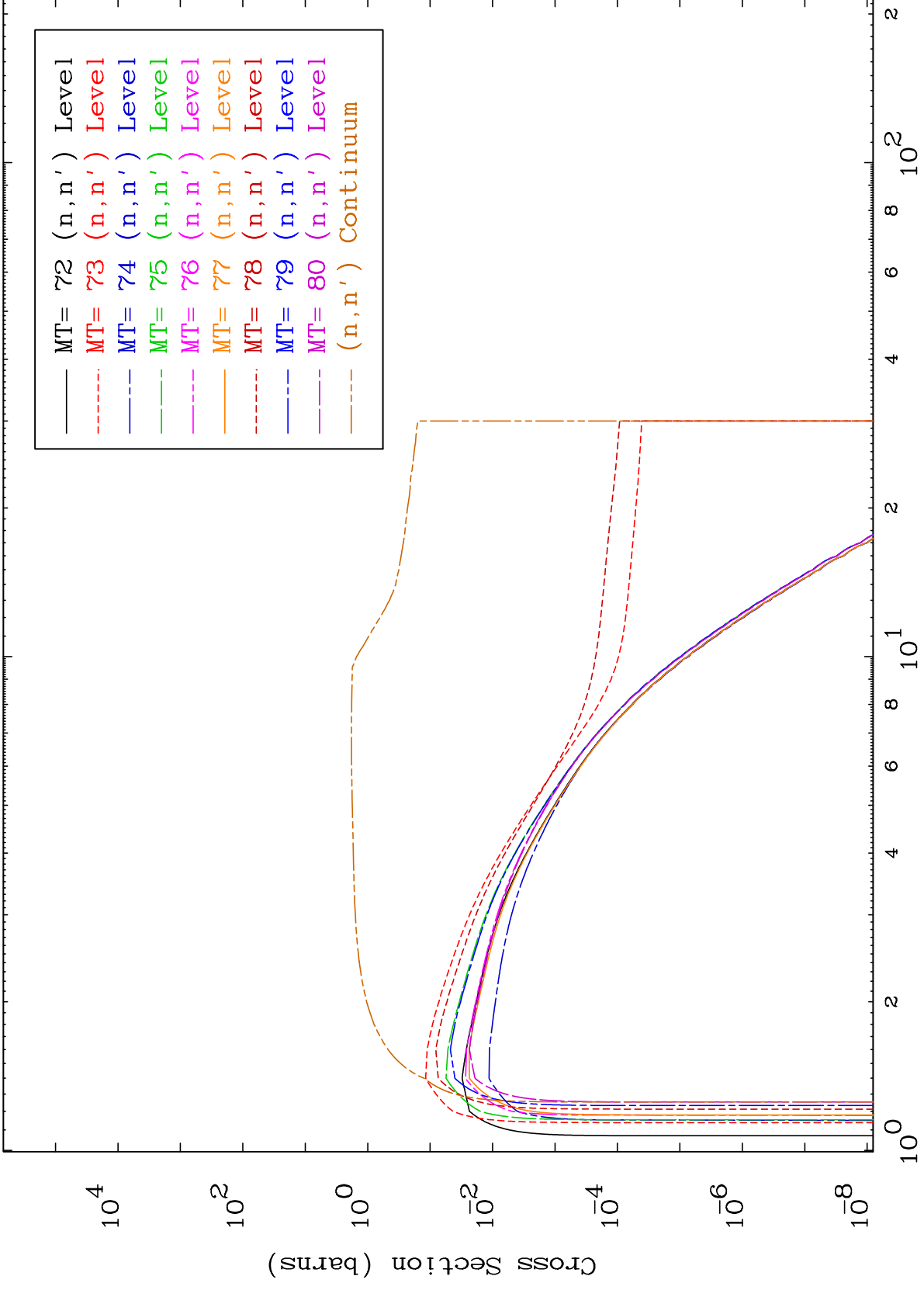
43-Tc-97

MAT 4319

(n,n') Level

43-Tc-97

293 Kelvin Cross Sections



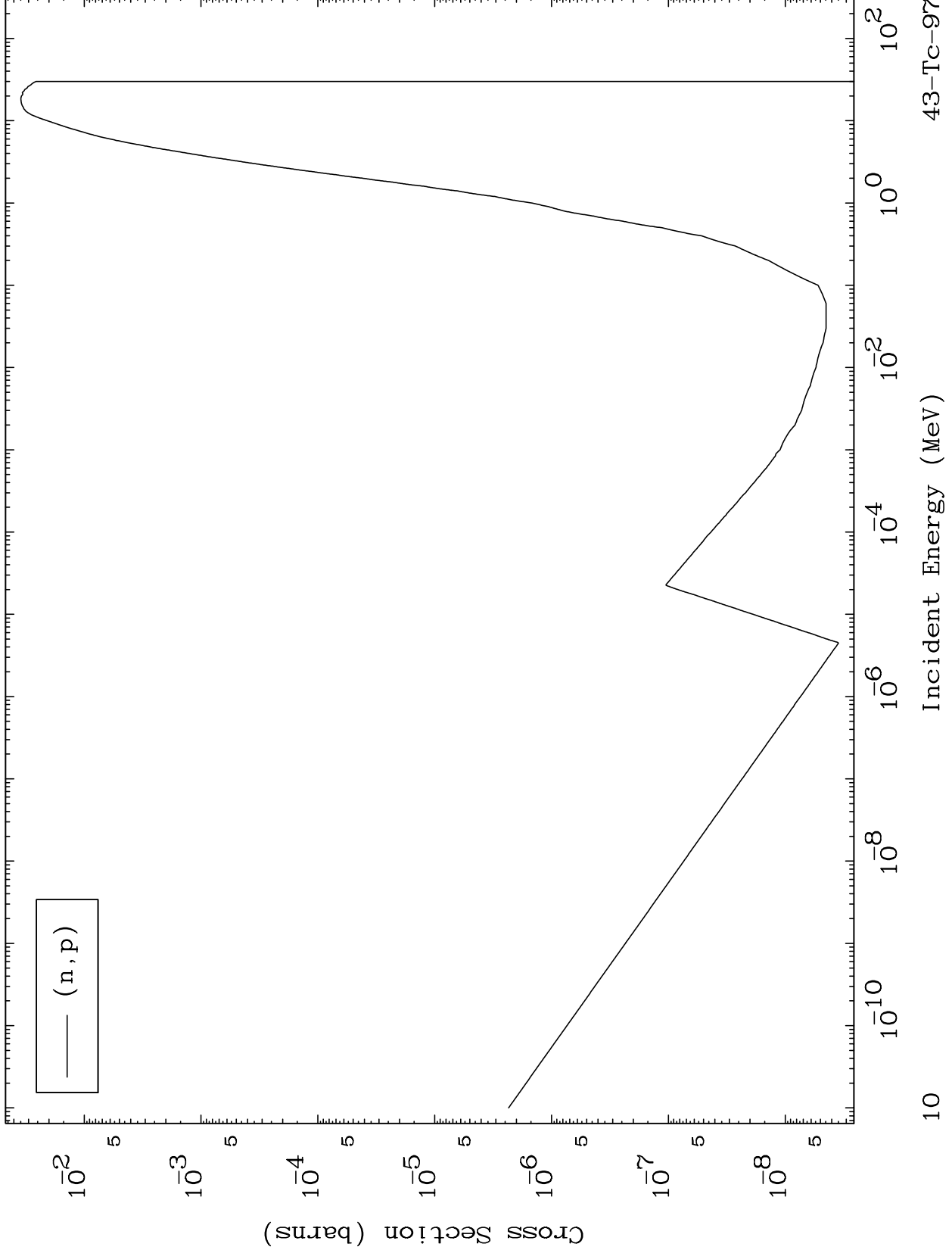
Incident Energy (MeV)

43-Tc-97

MAT 4319

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-97

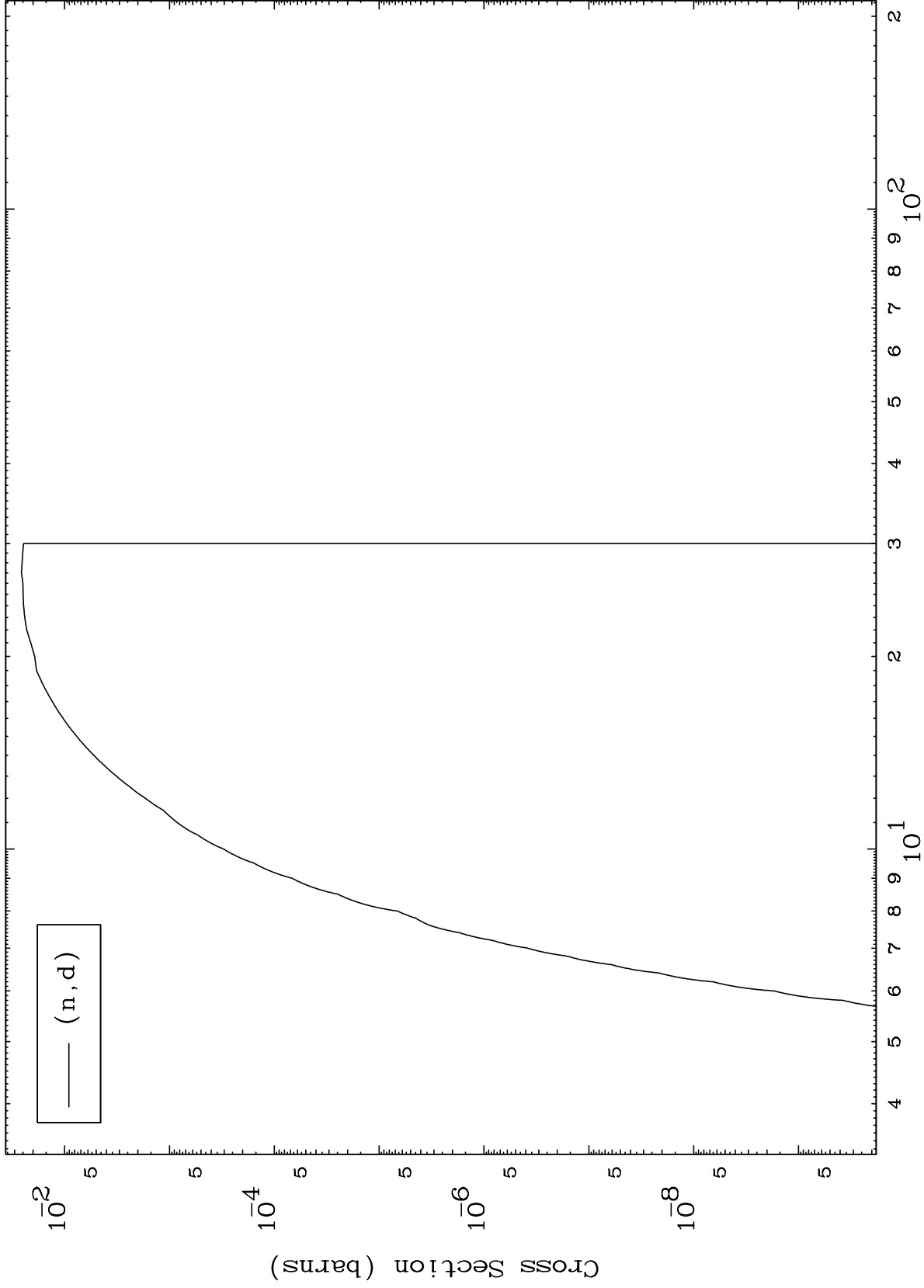


43-Tc-97

MAT 4319

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-97



11

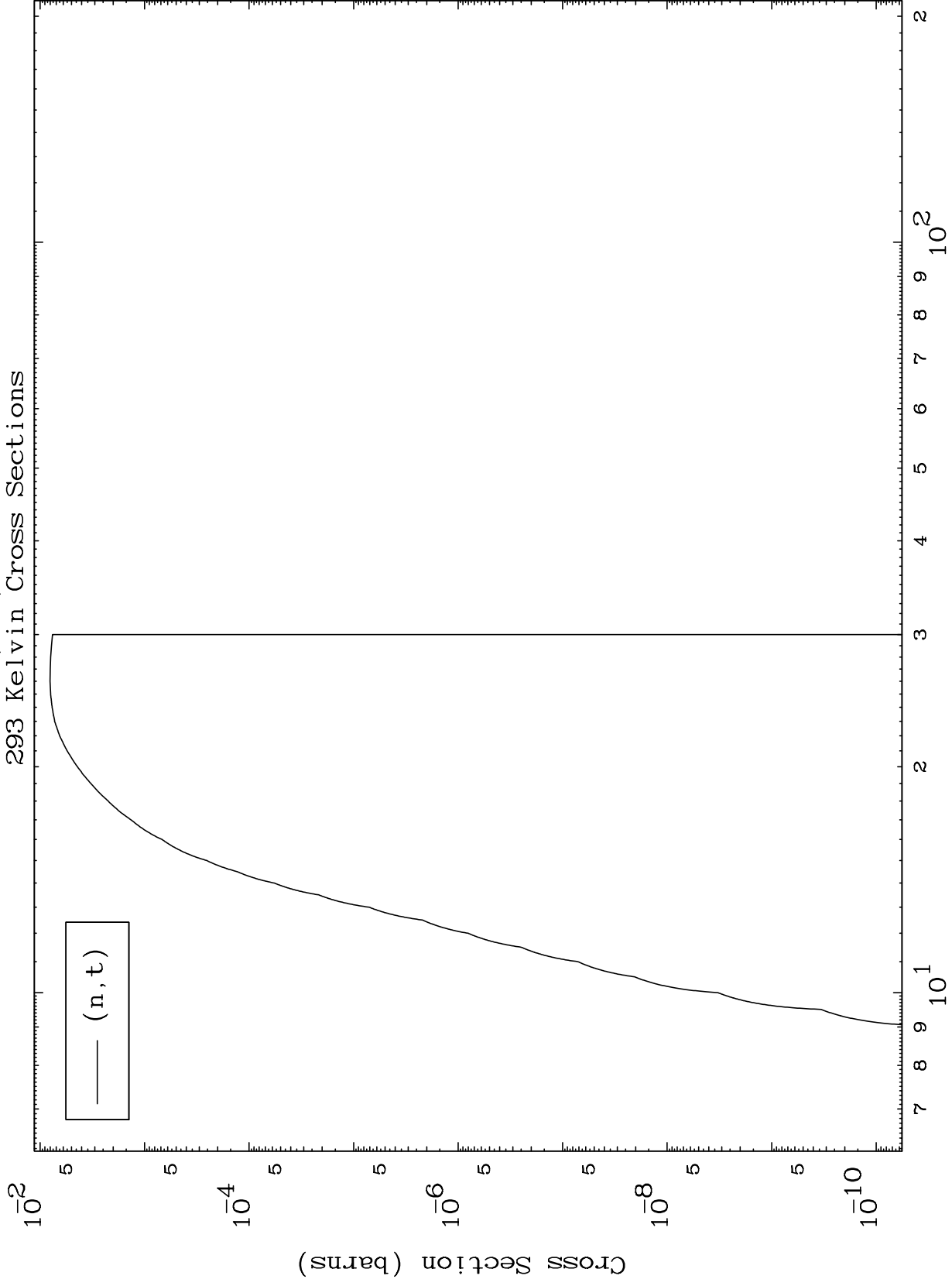
Incident Energy (MeV)

43-Tc-97

MAT 4319

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-97



12

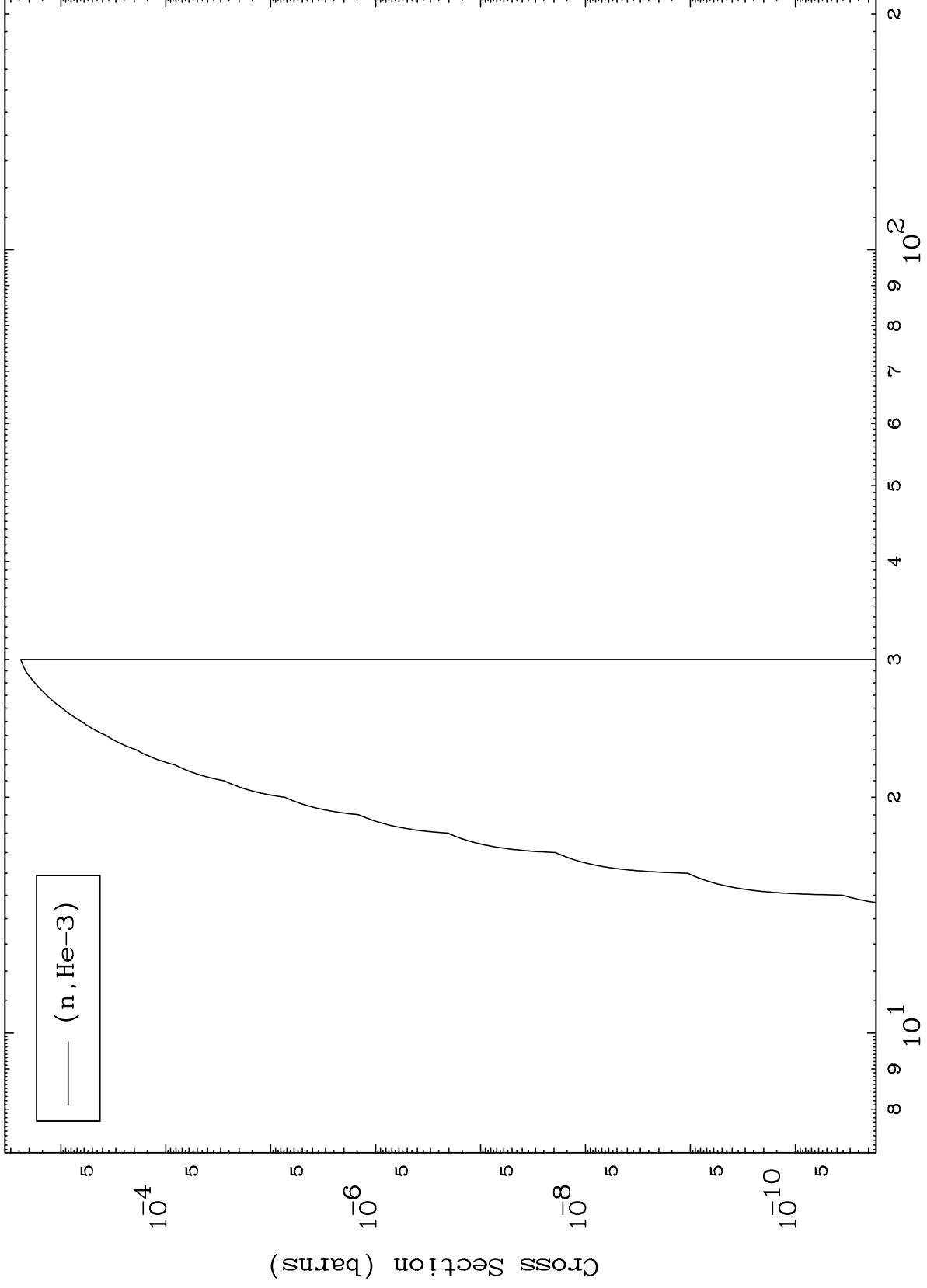
Incident Energy (MeV)

43-Tc-97

MAT 4319

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-97



13

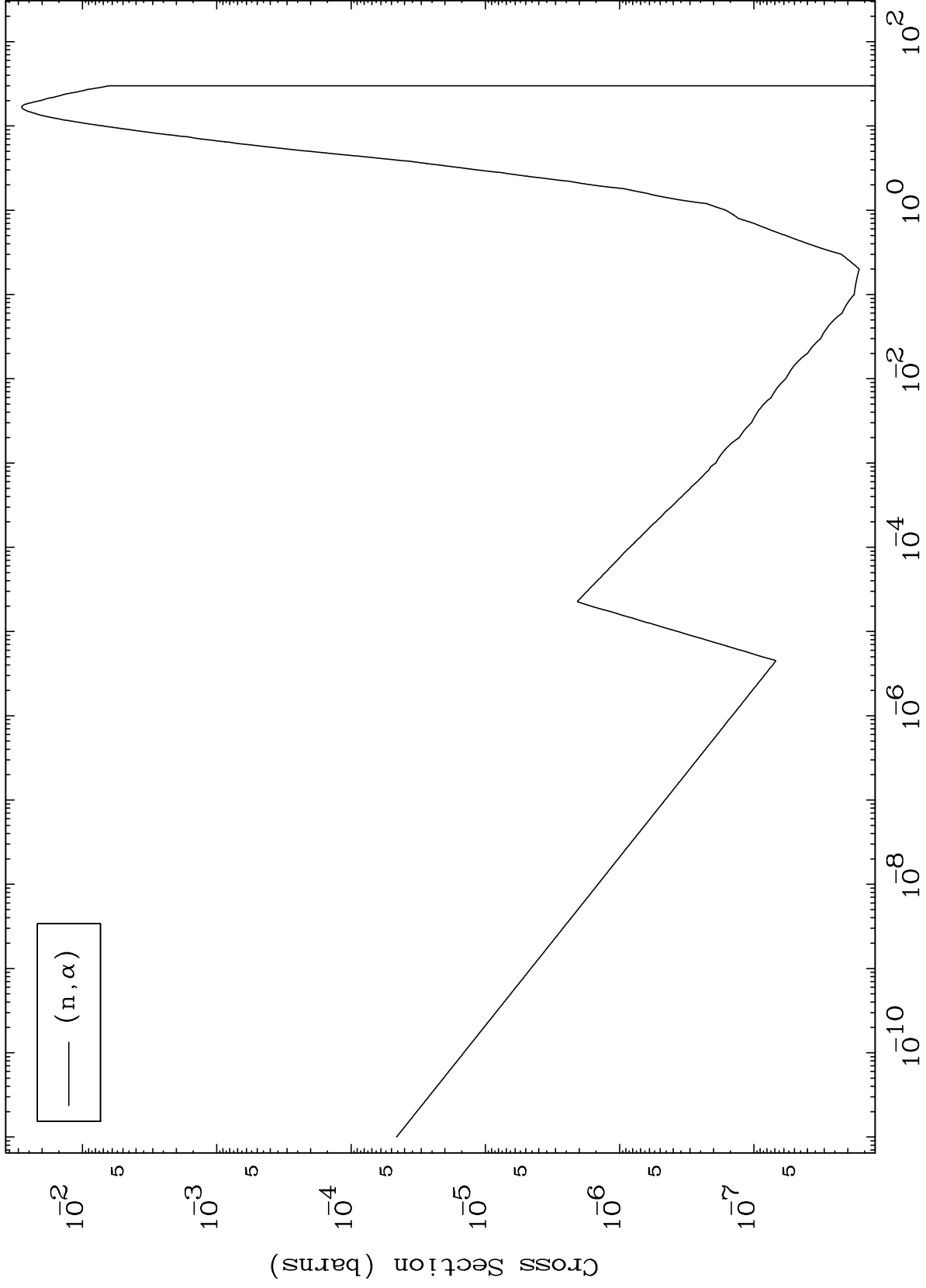
Incident Energy (MeV)

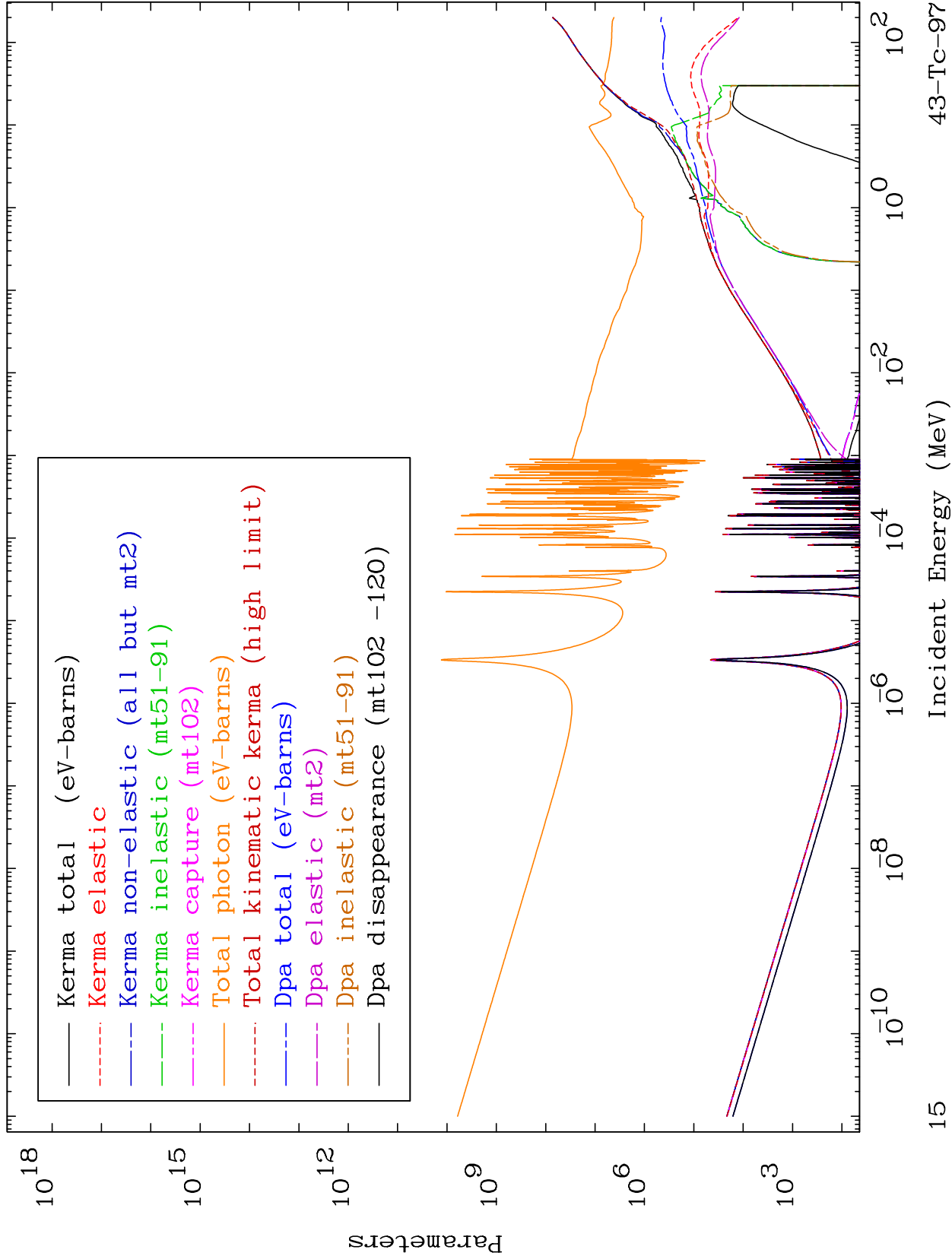
43-Tc-97

MAT 4319

(n, α) Levels
293 Kelvin Cross Sections

43-Tc-97

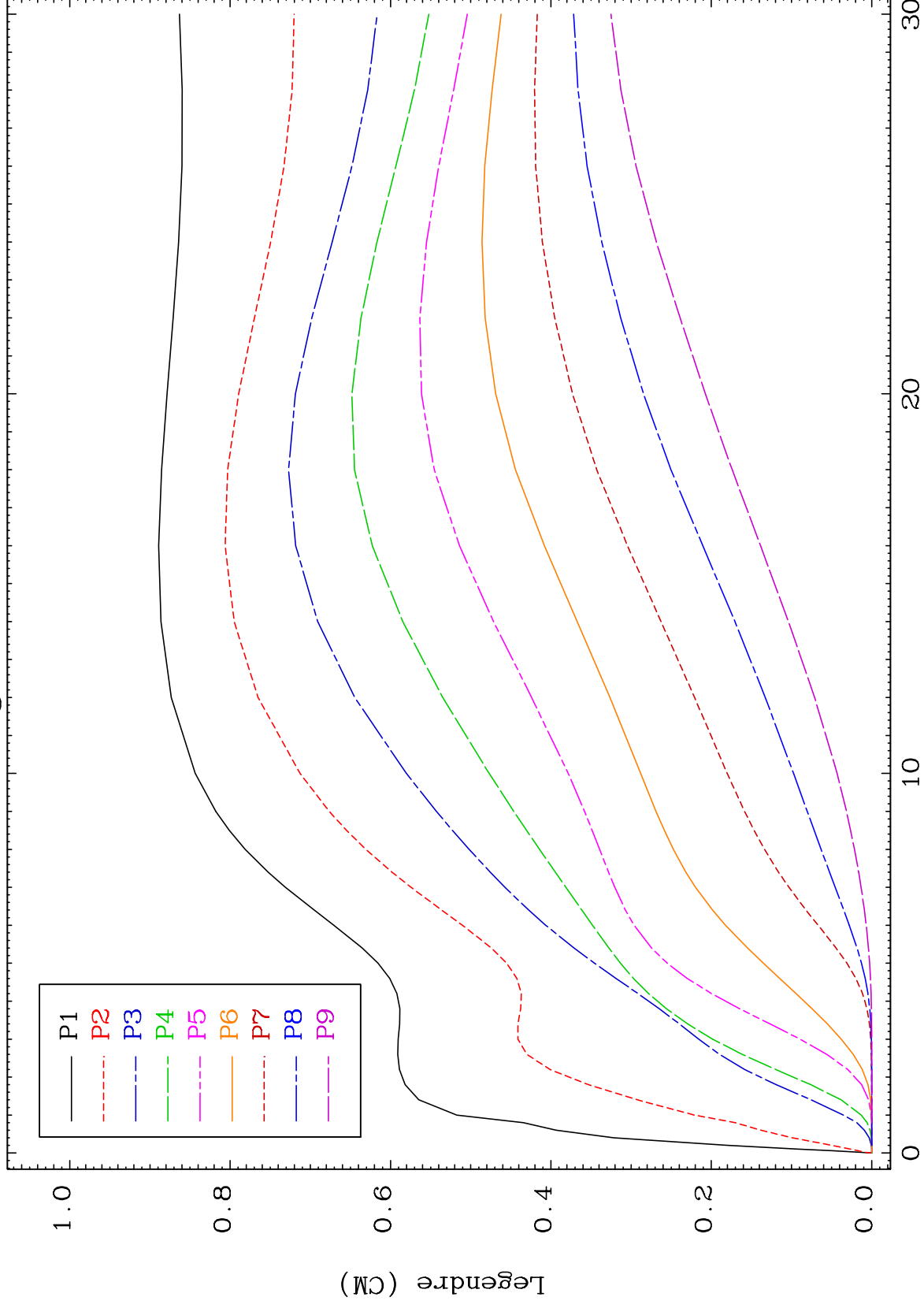




MAT 4319

Elastic Legendre Coefficients

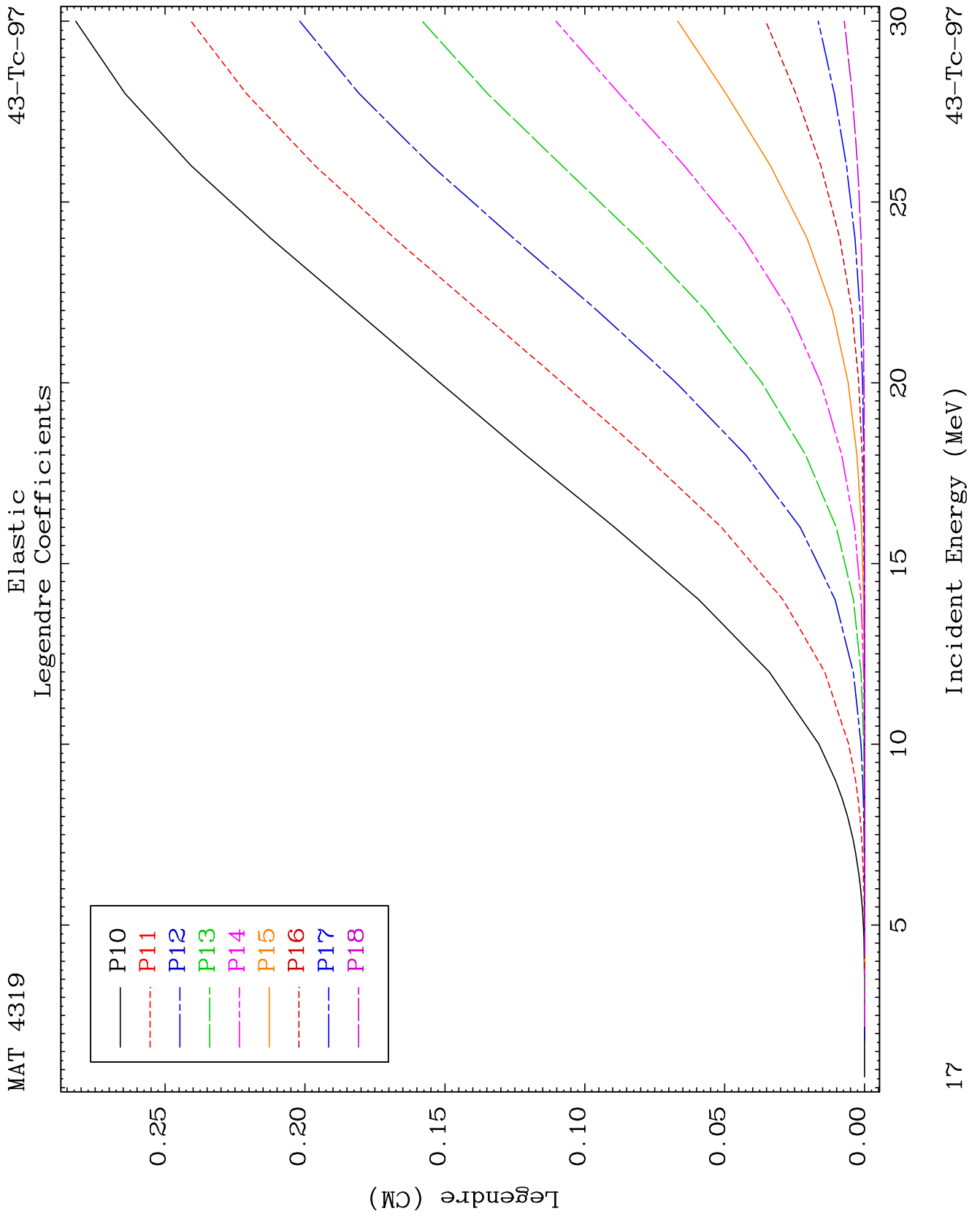
43-Tc-97

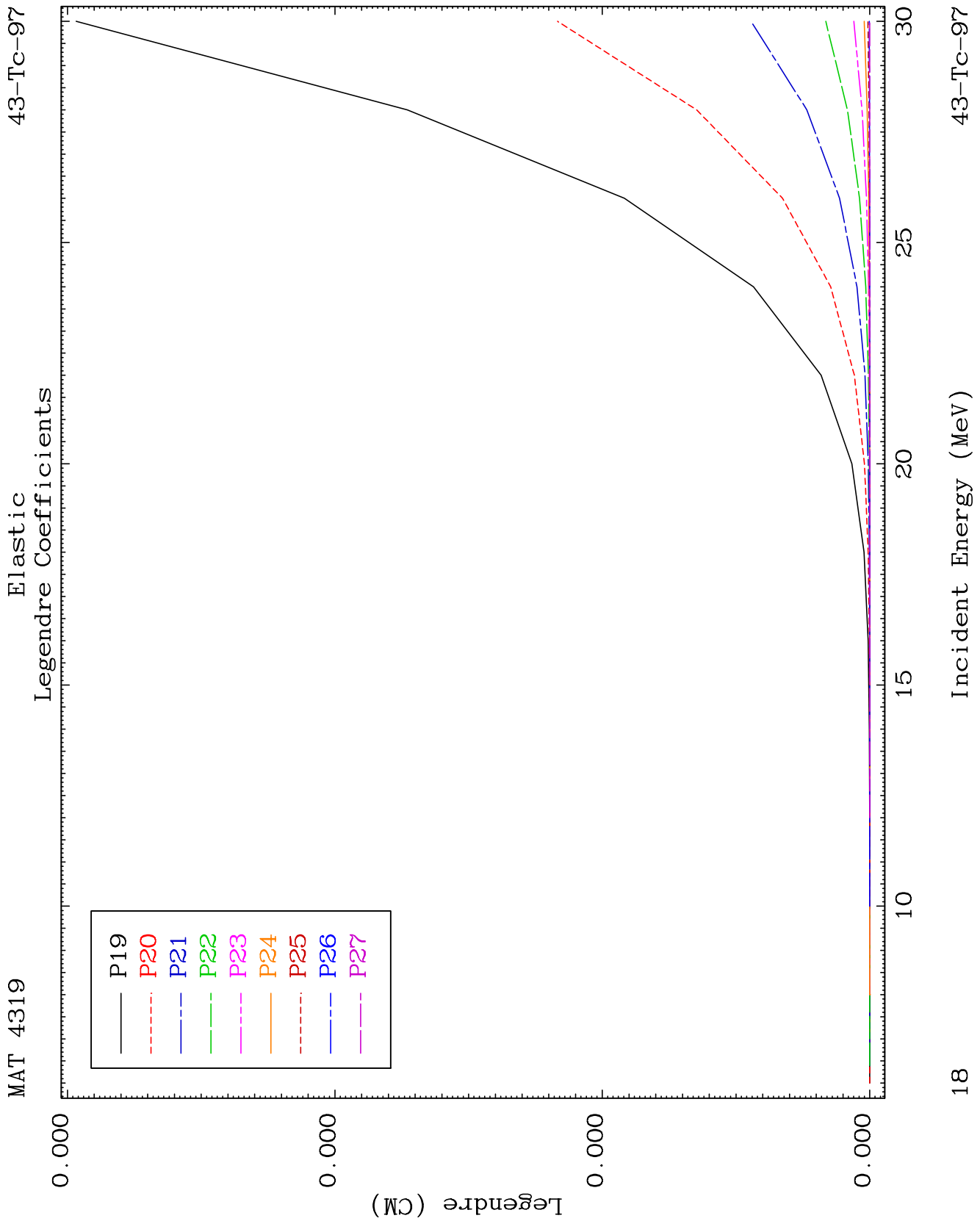


16

Incident Energy (MeV)

43-Tc-97

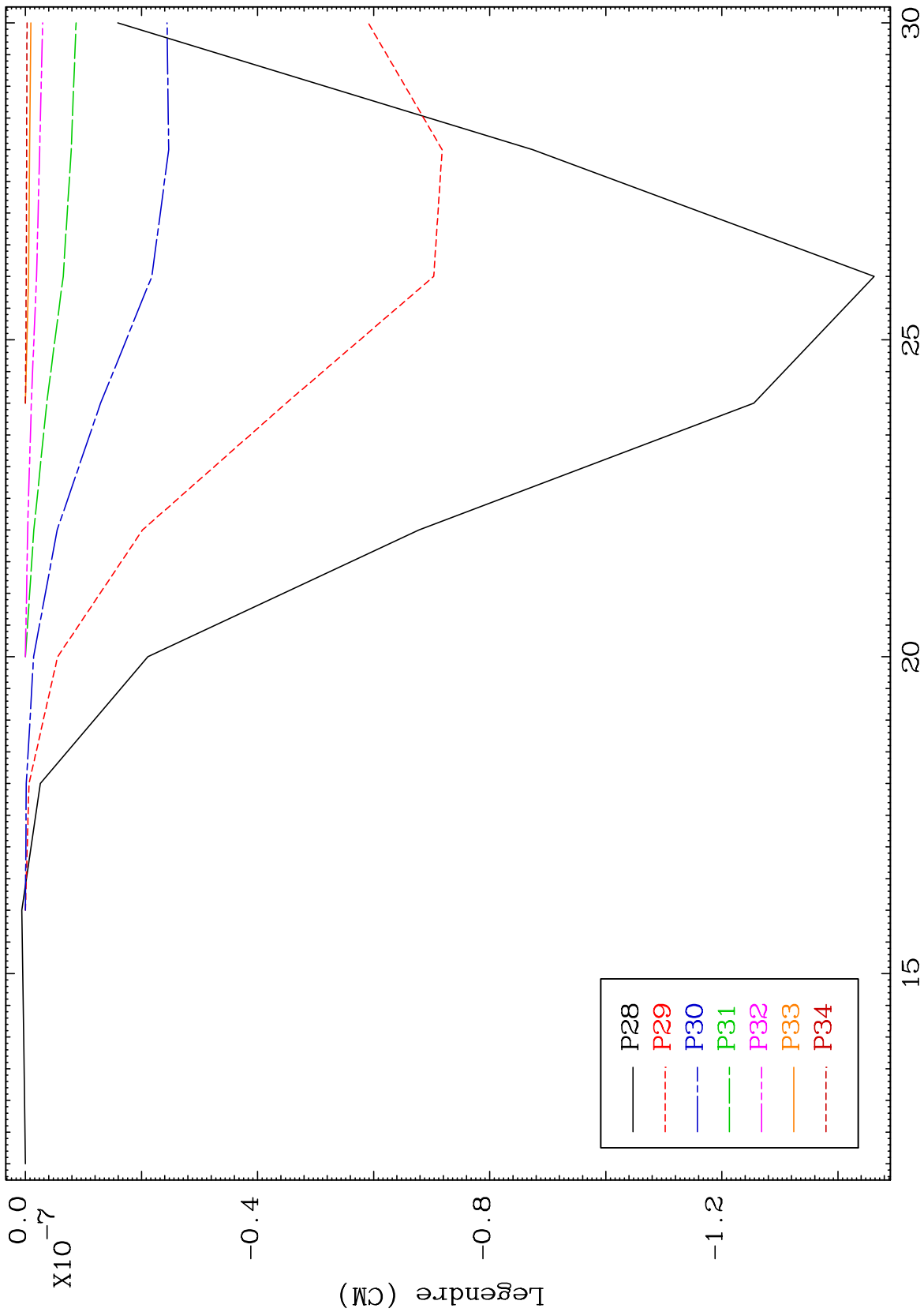




MAT 4319

43-Tc-97

Elastic Legendre Coefficients



19

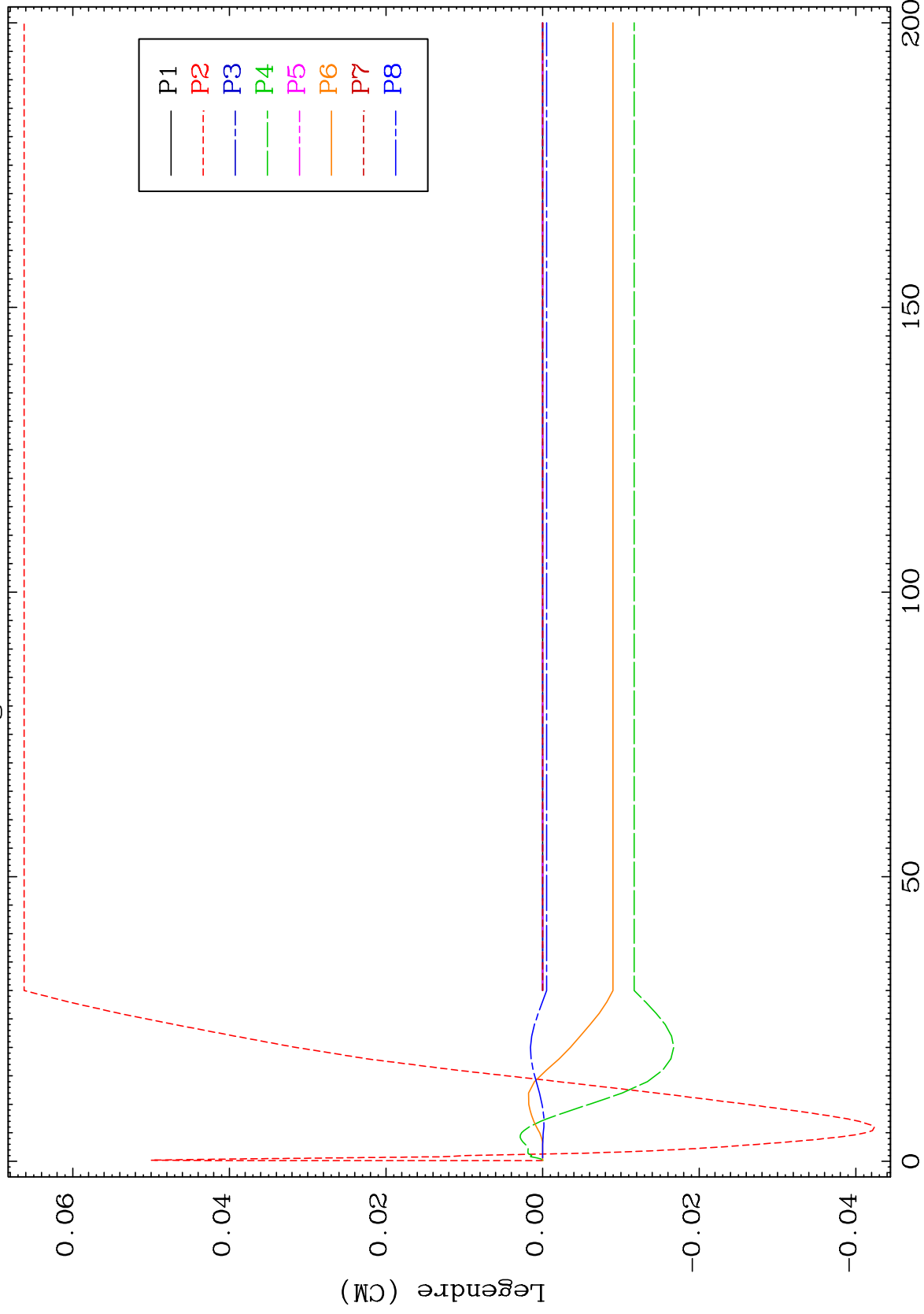
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



43-Tc-97

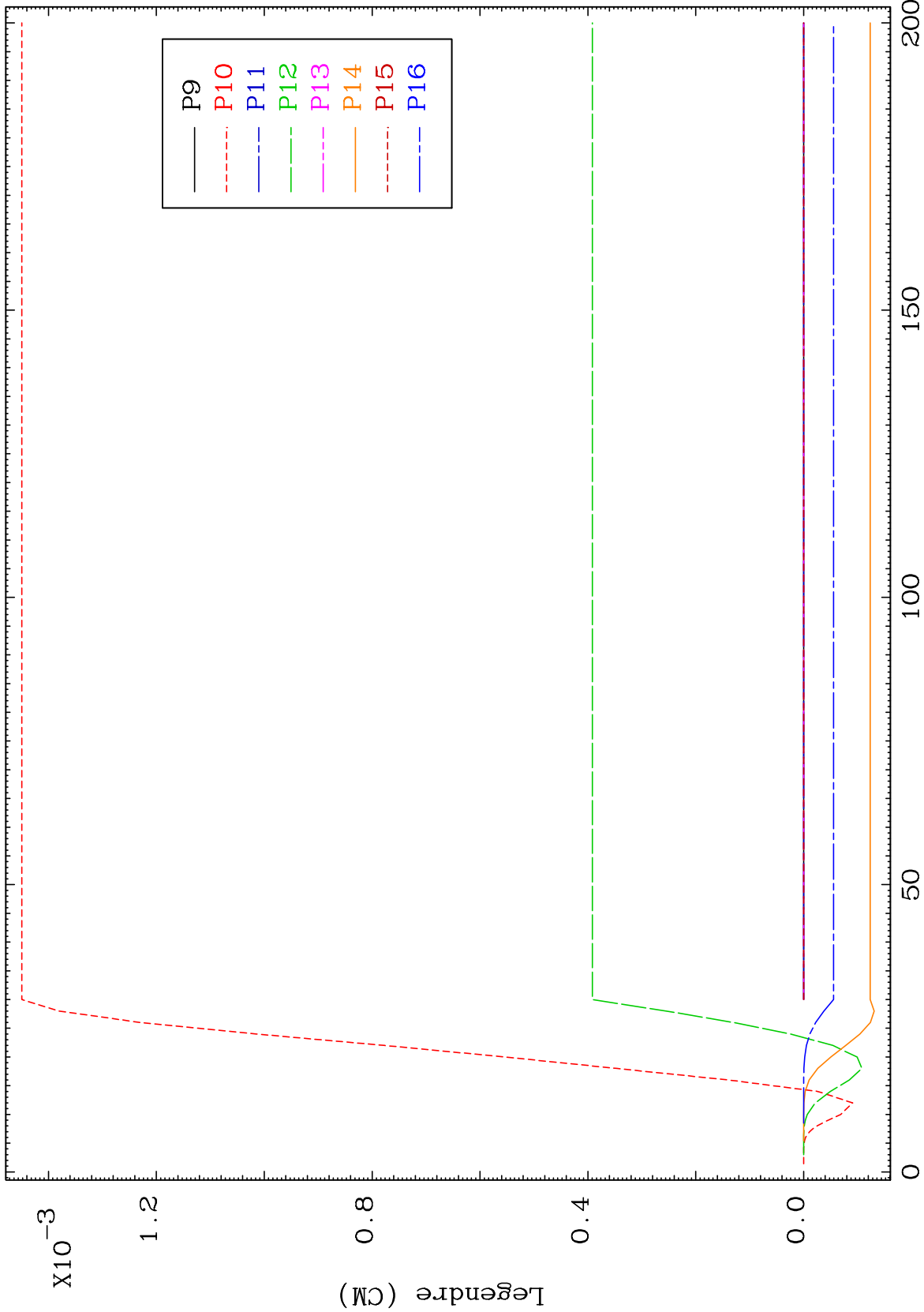
Incident Energy (MeV)

20

MAT 4319

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

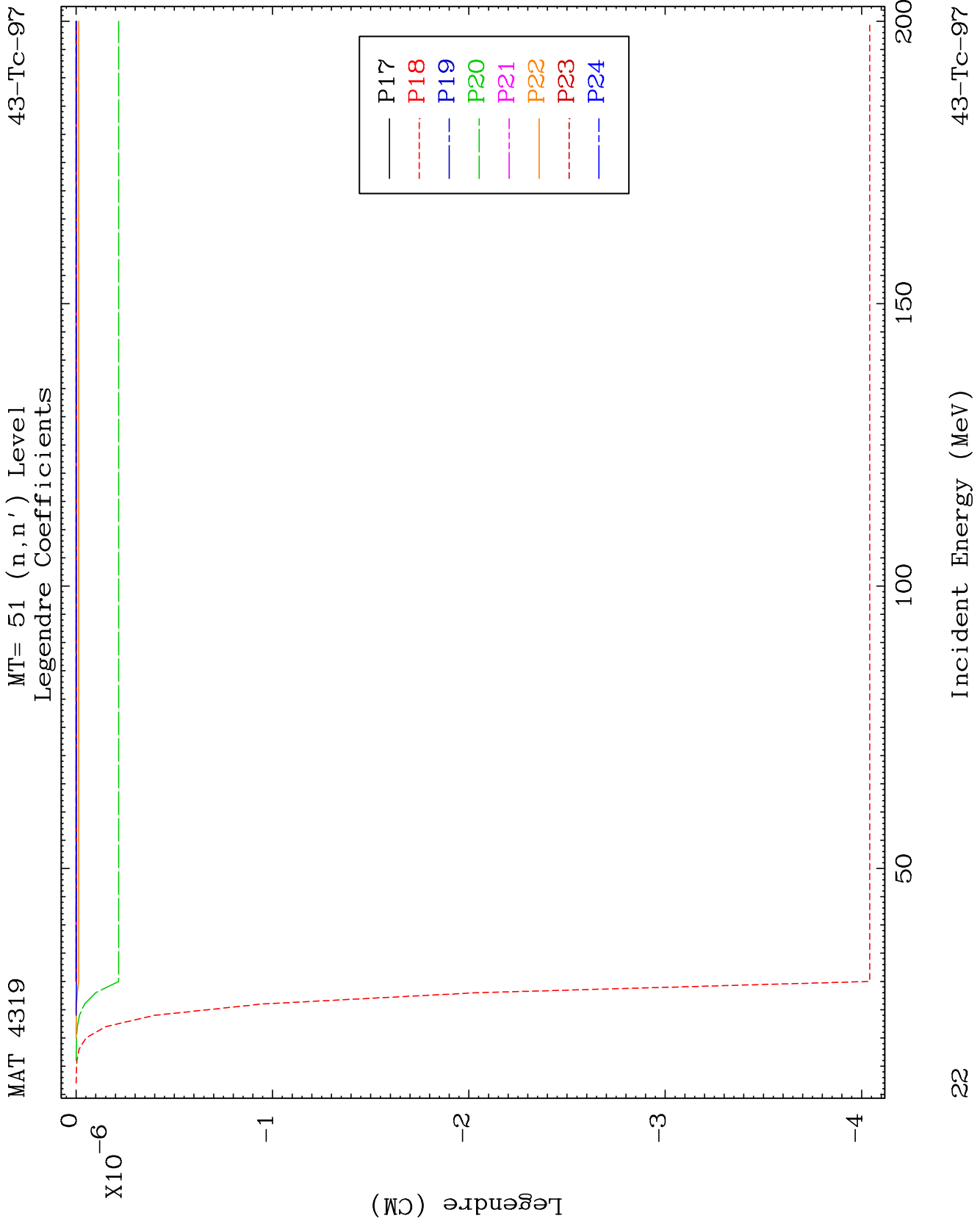
43-Tc-97



21

Incident Energy (MeV)

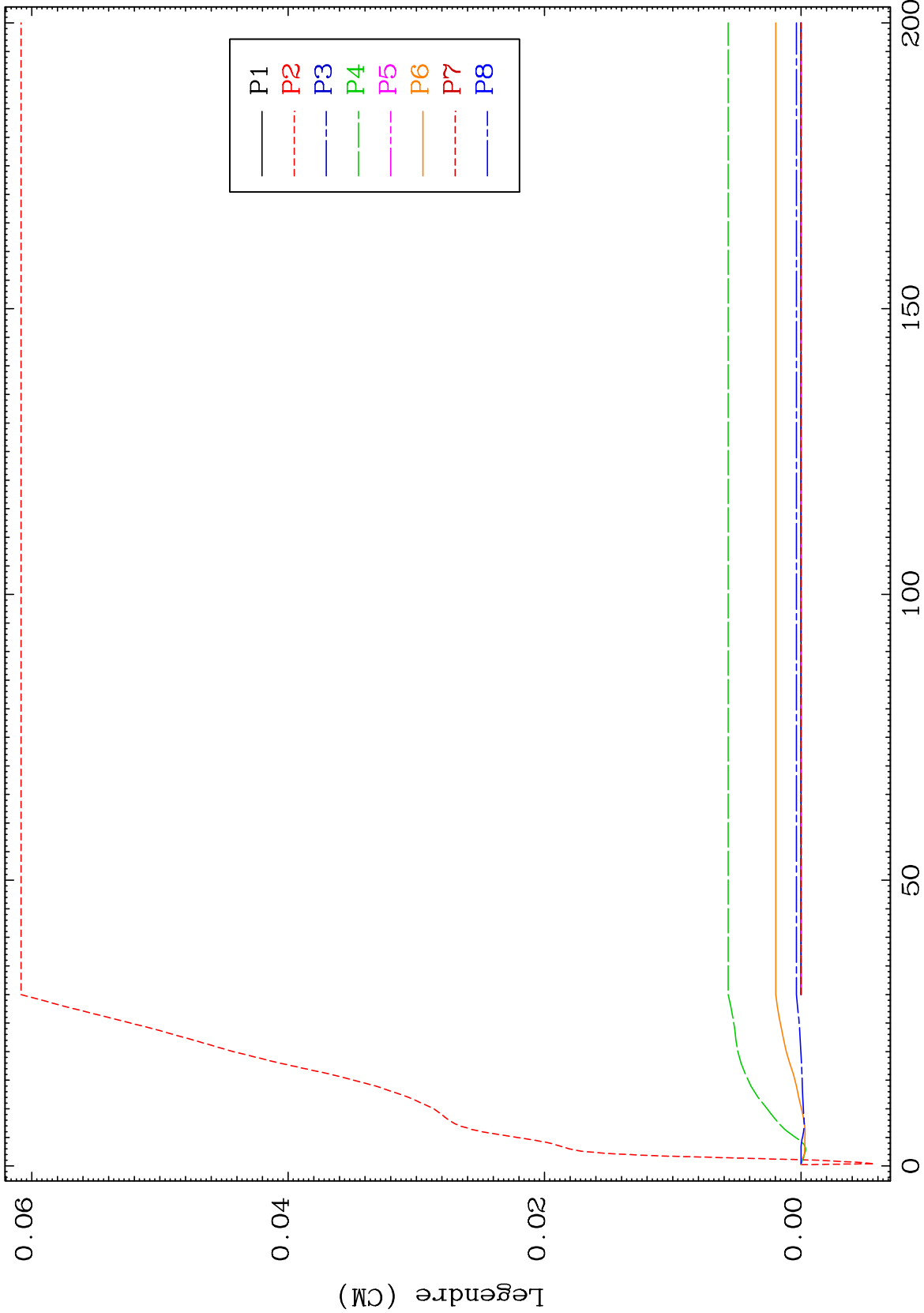
43-Tc-97



MAT 4319

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

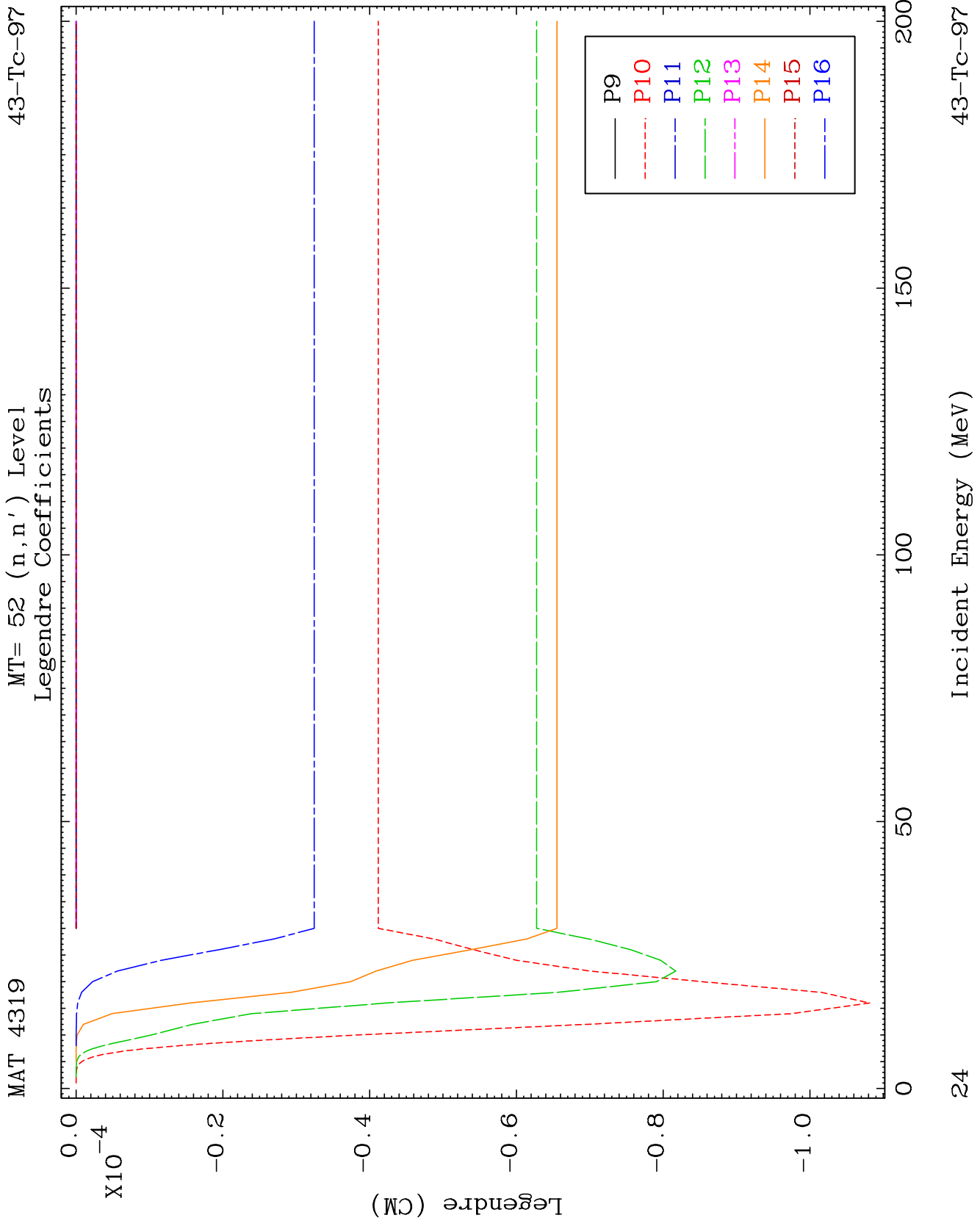
43-Tc-97



23

Incident Energy (MeV)

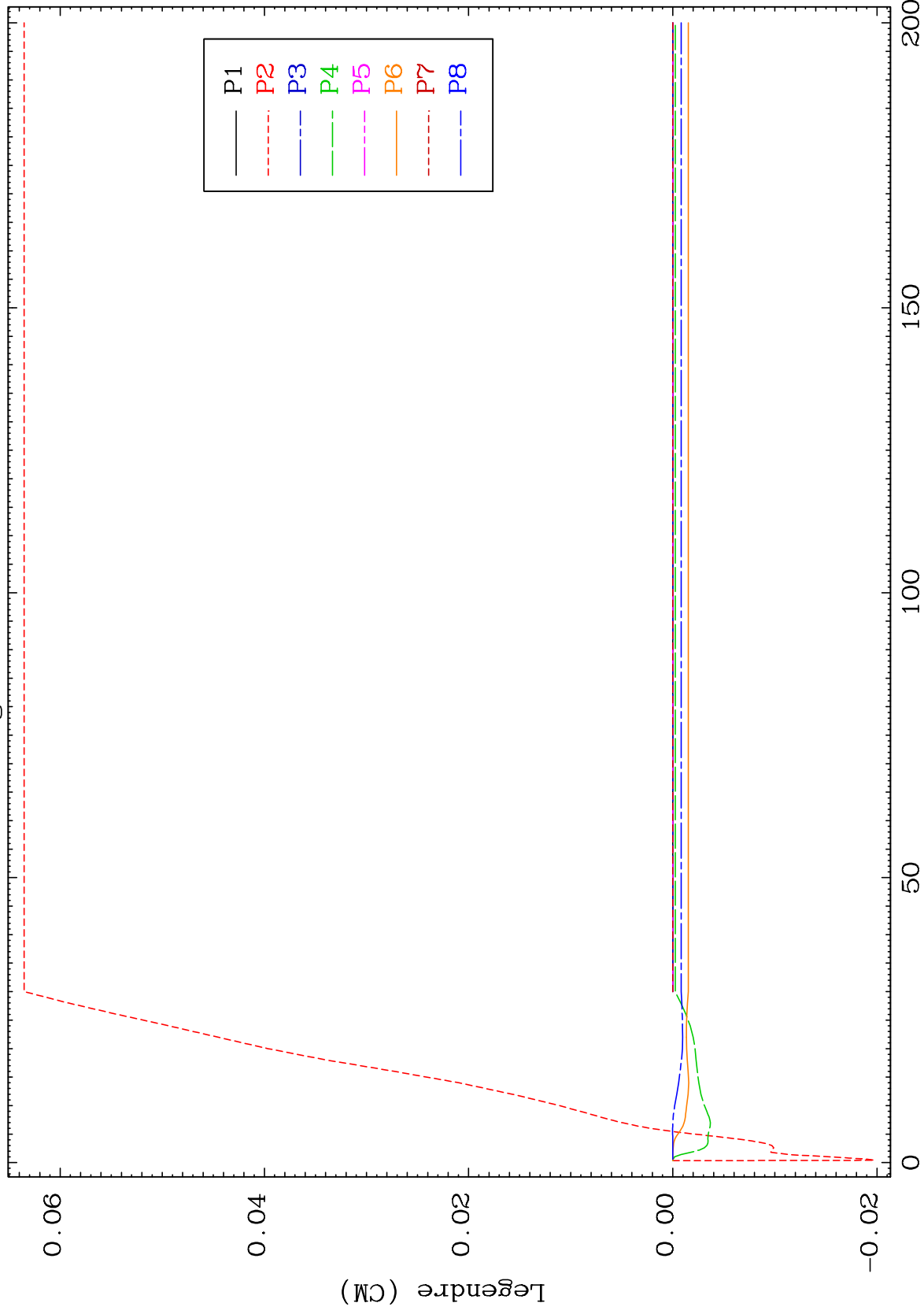
43-Tc-97



MAT 4319

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

43-Tc-97



26

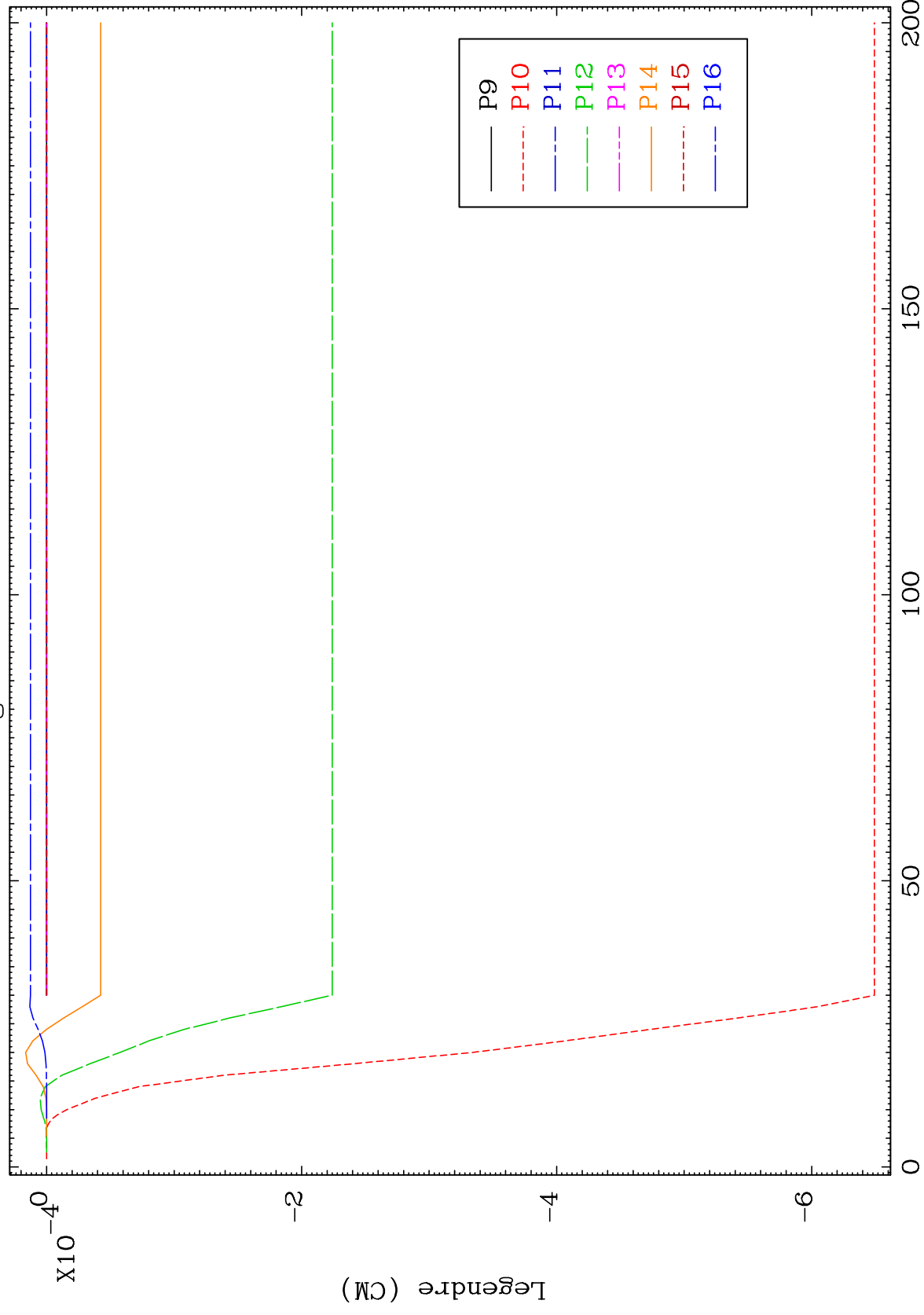
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

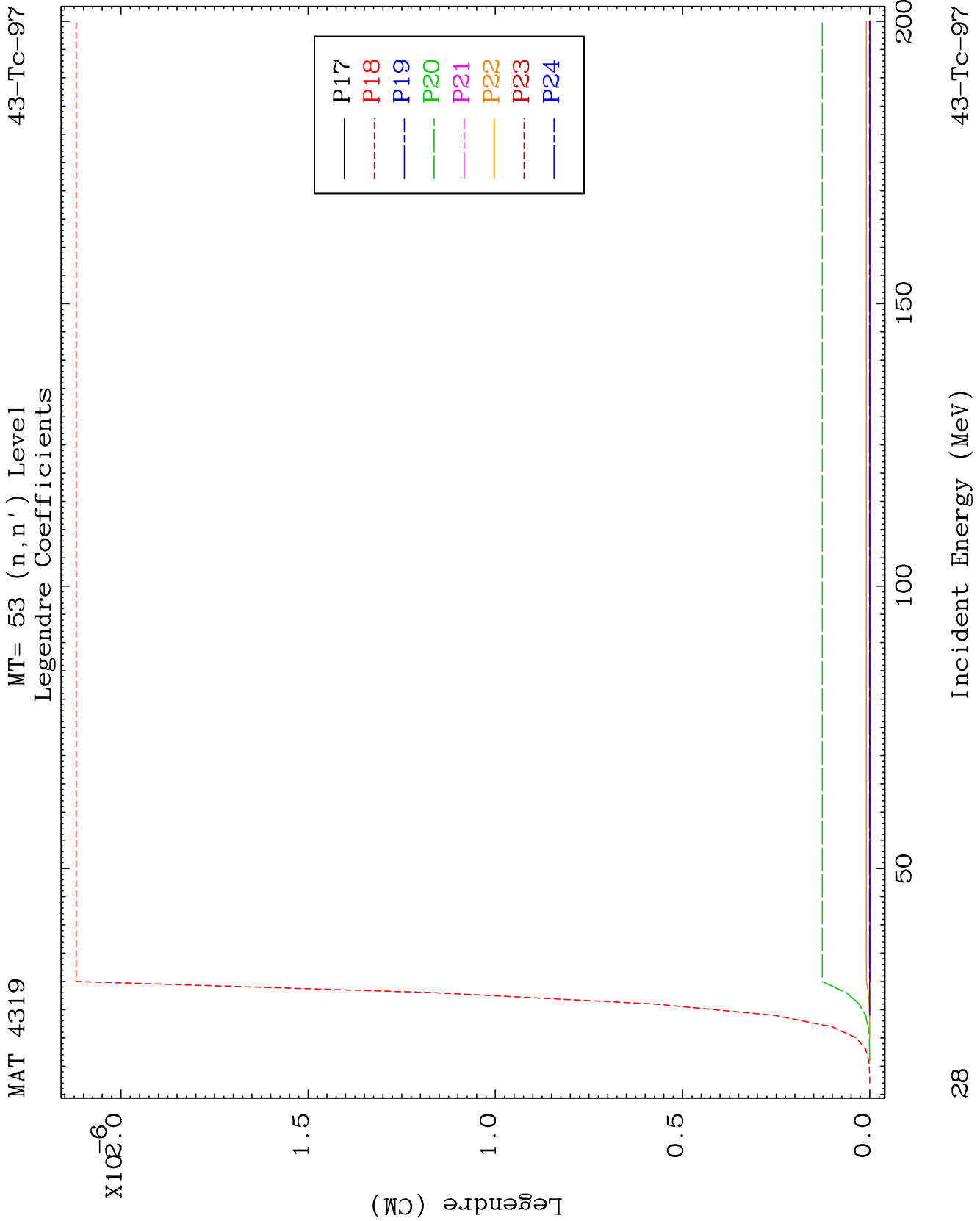
43-Tc-97



27

Incident Energy (MeV)

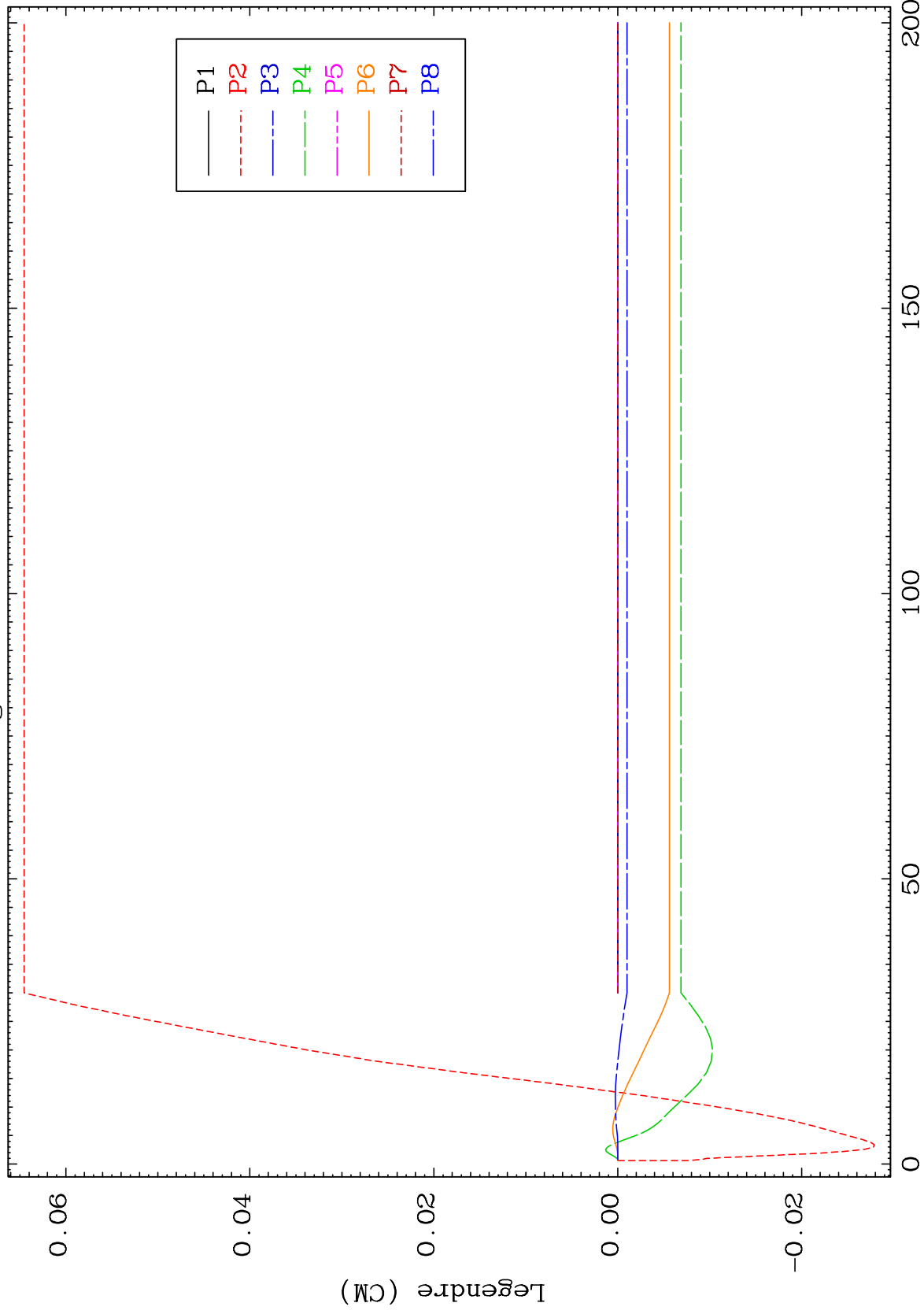
43-Tc-97



MAT 4319

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

43-Tc-97



29

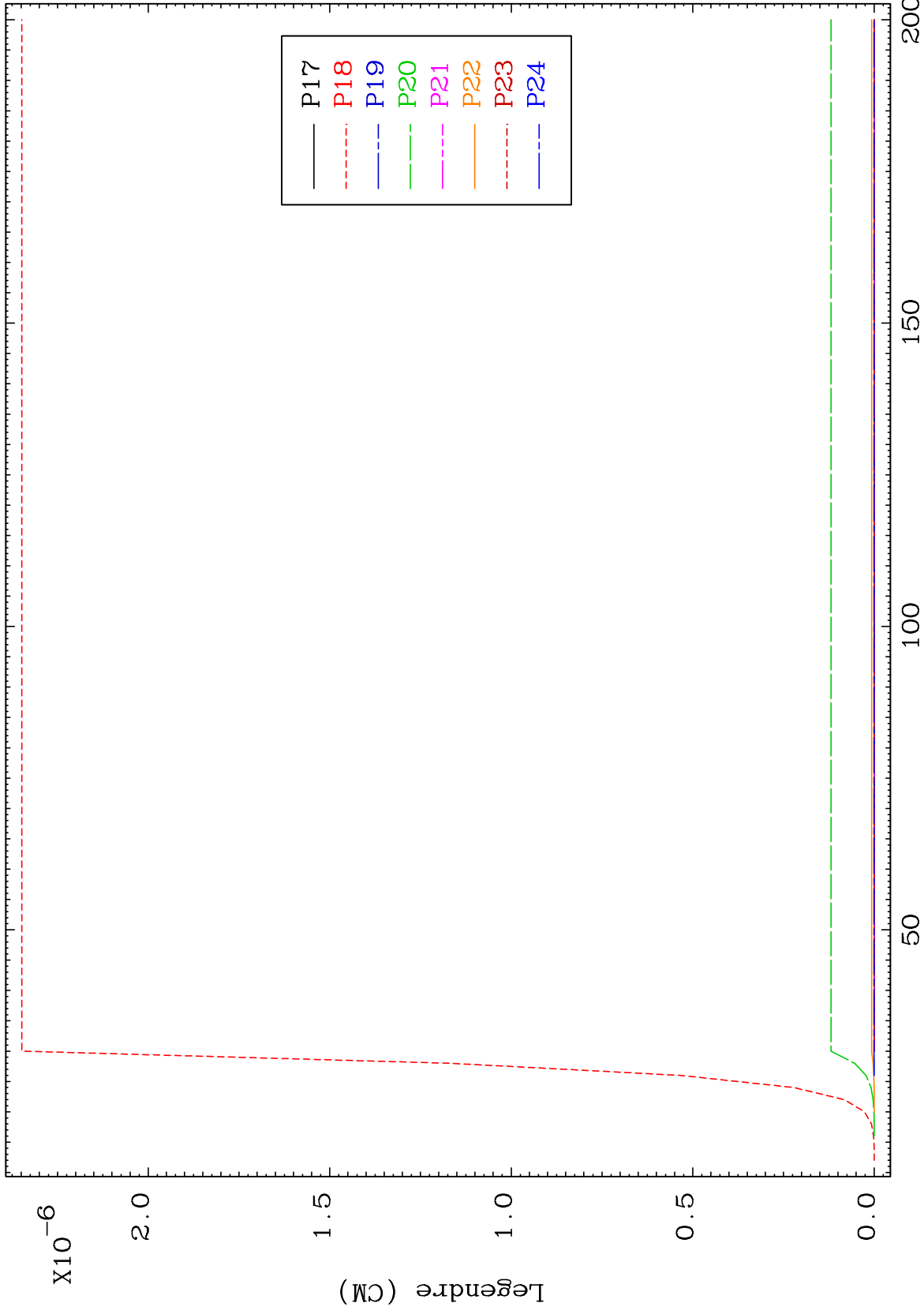
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



31

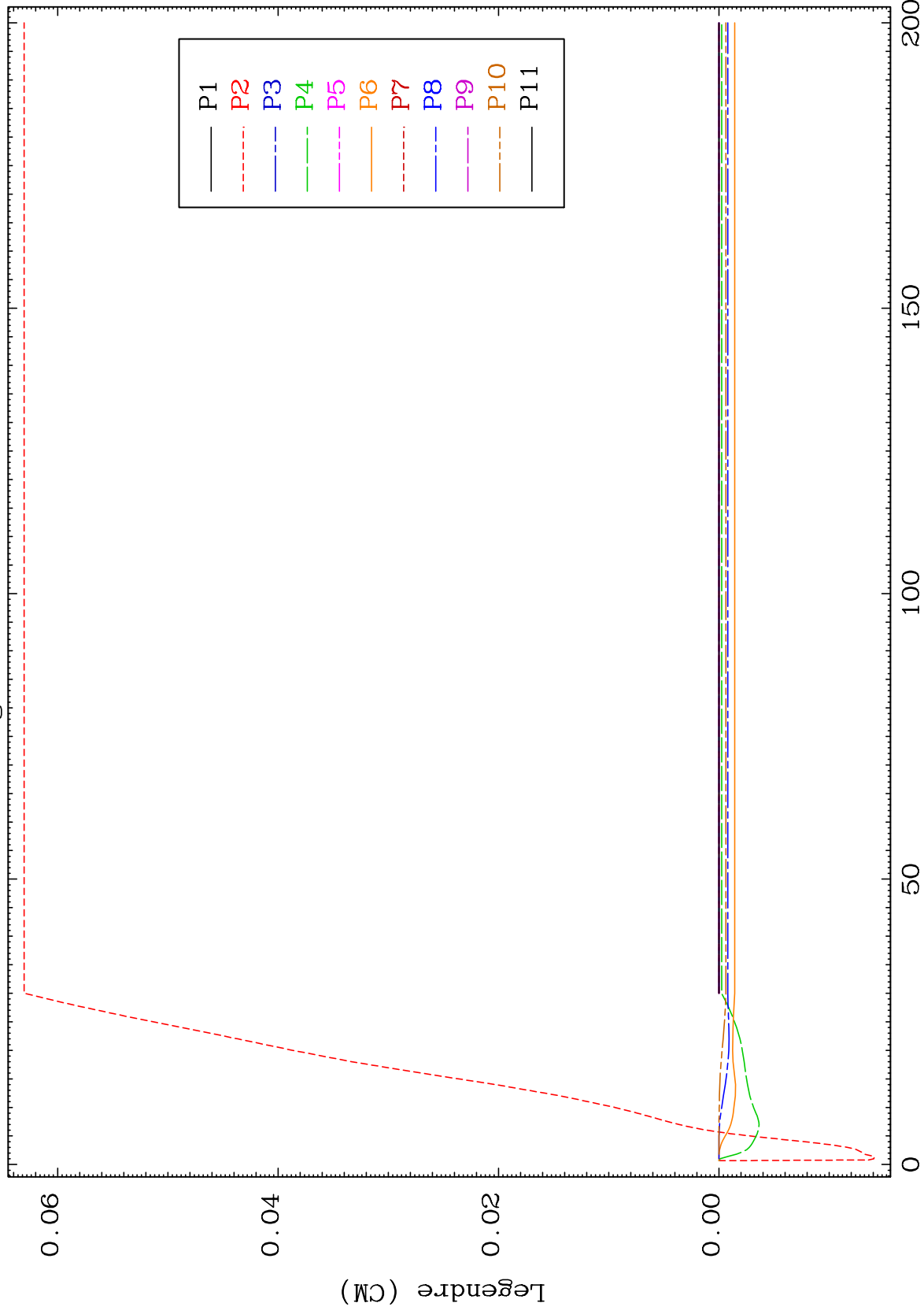
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



43-Tc-97

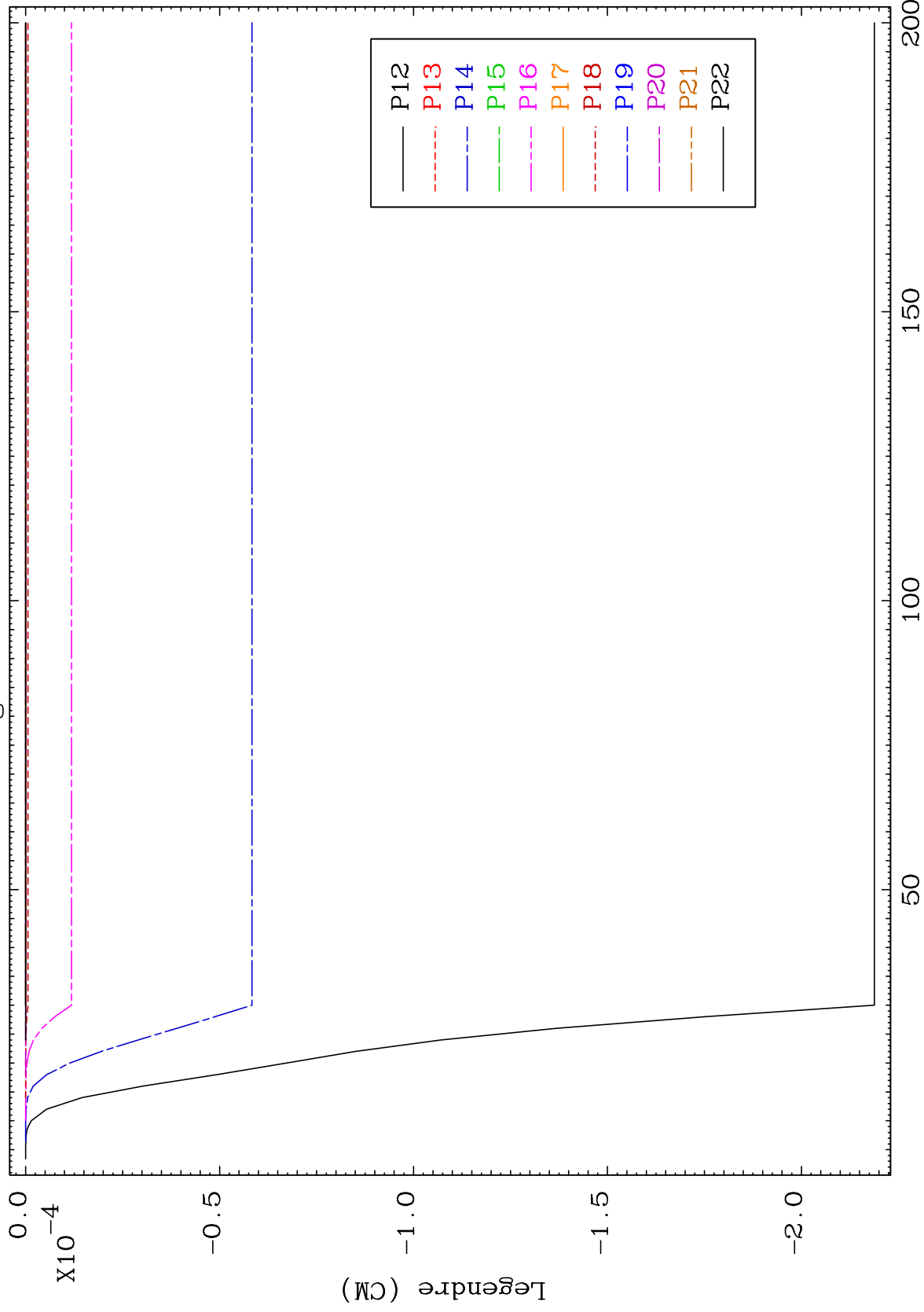
Incident Energy (MeV)

32

MAT 4319

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

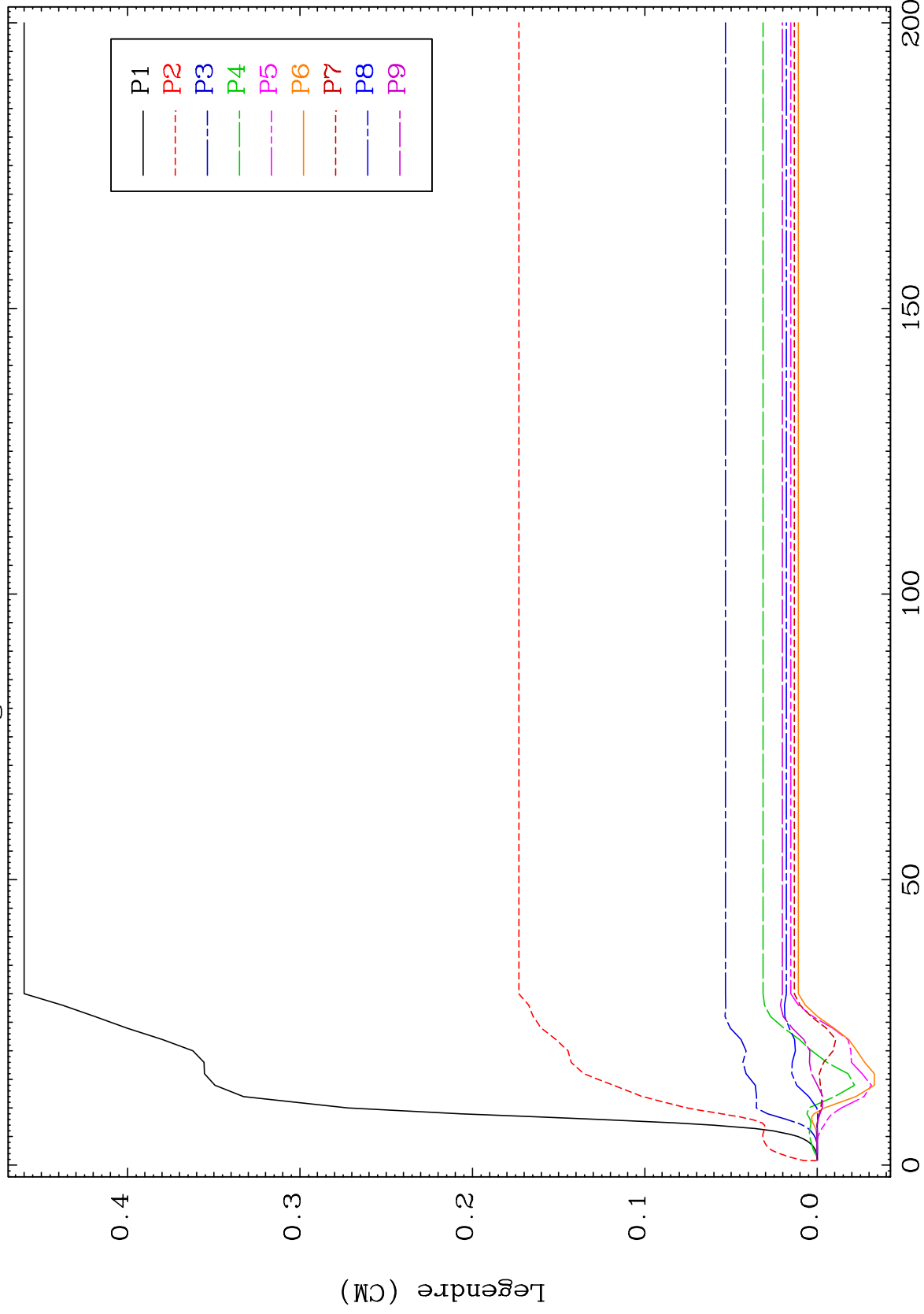
43-Tc-97



MAT 4319

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

43-Tc-97



34

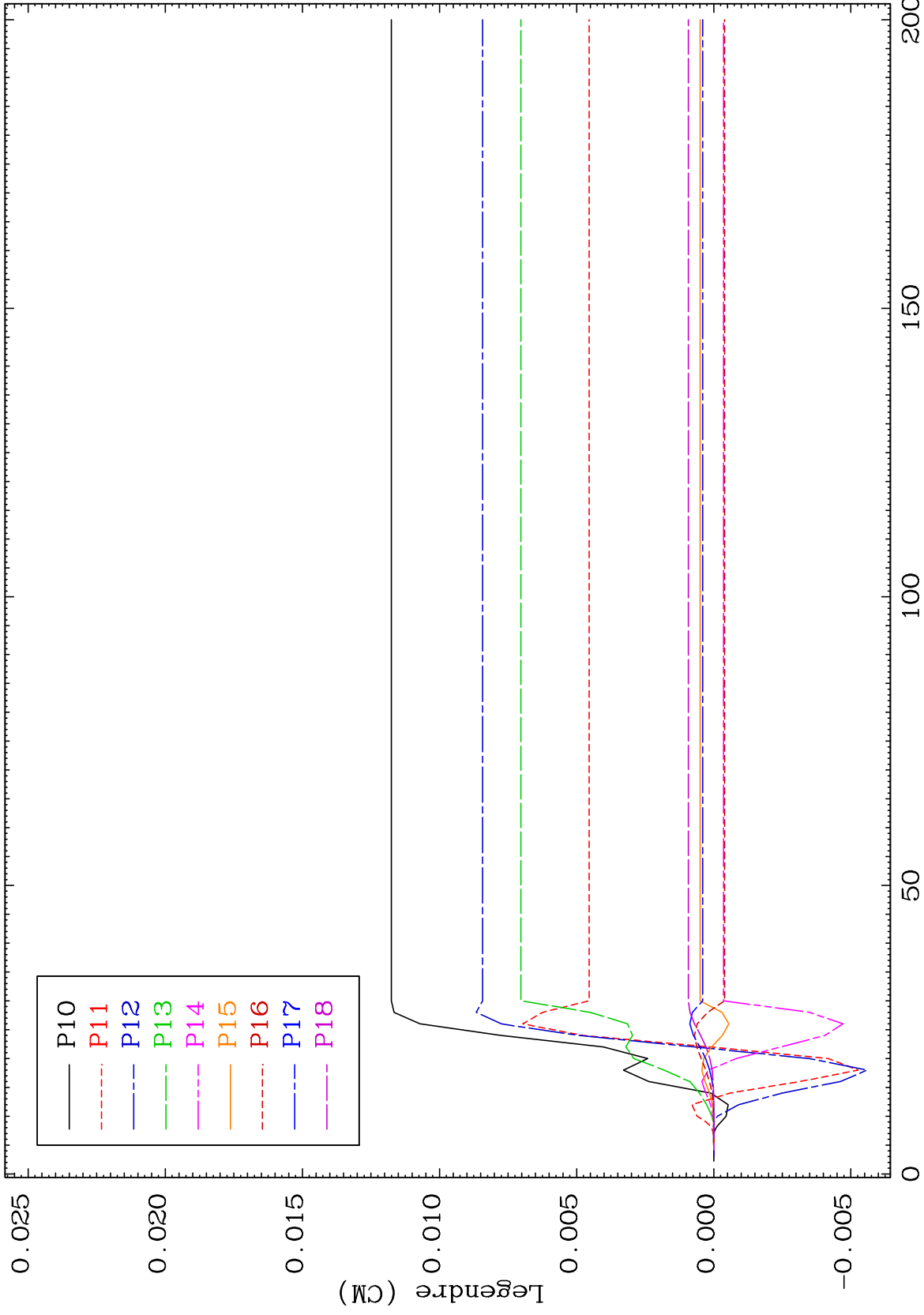
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

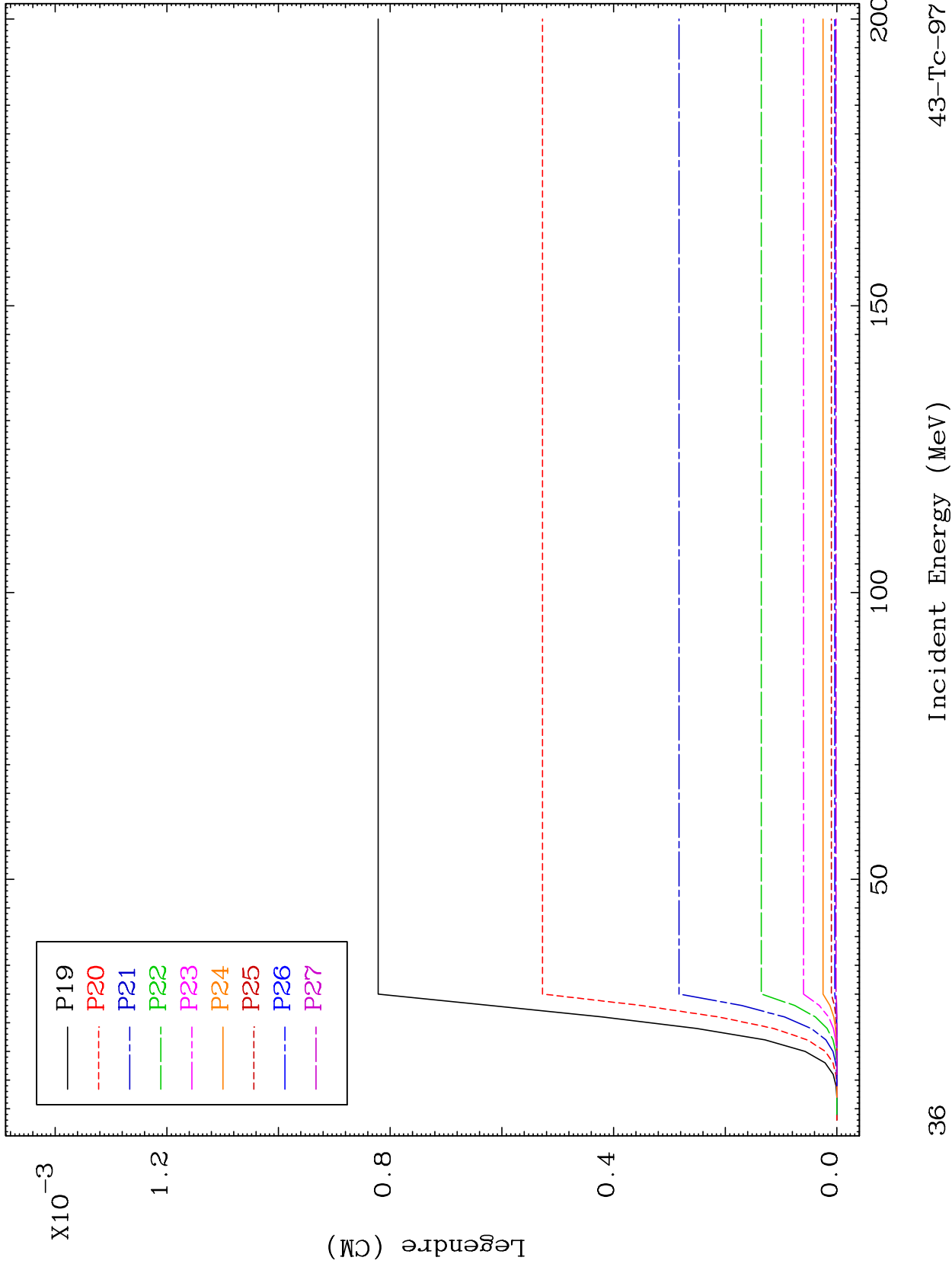
43-Tc-97



35

Incident Energy (MeV)

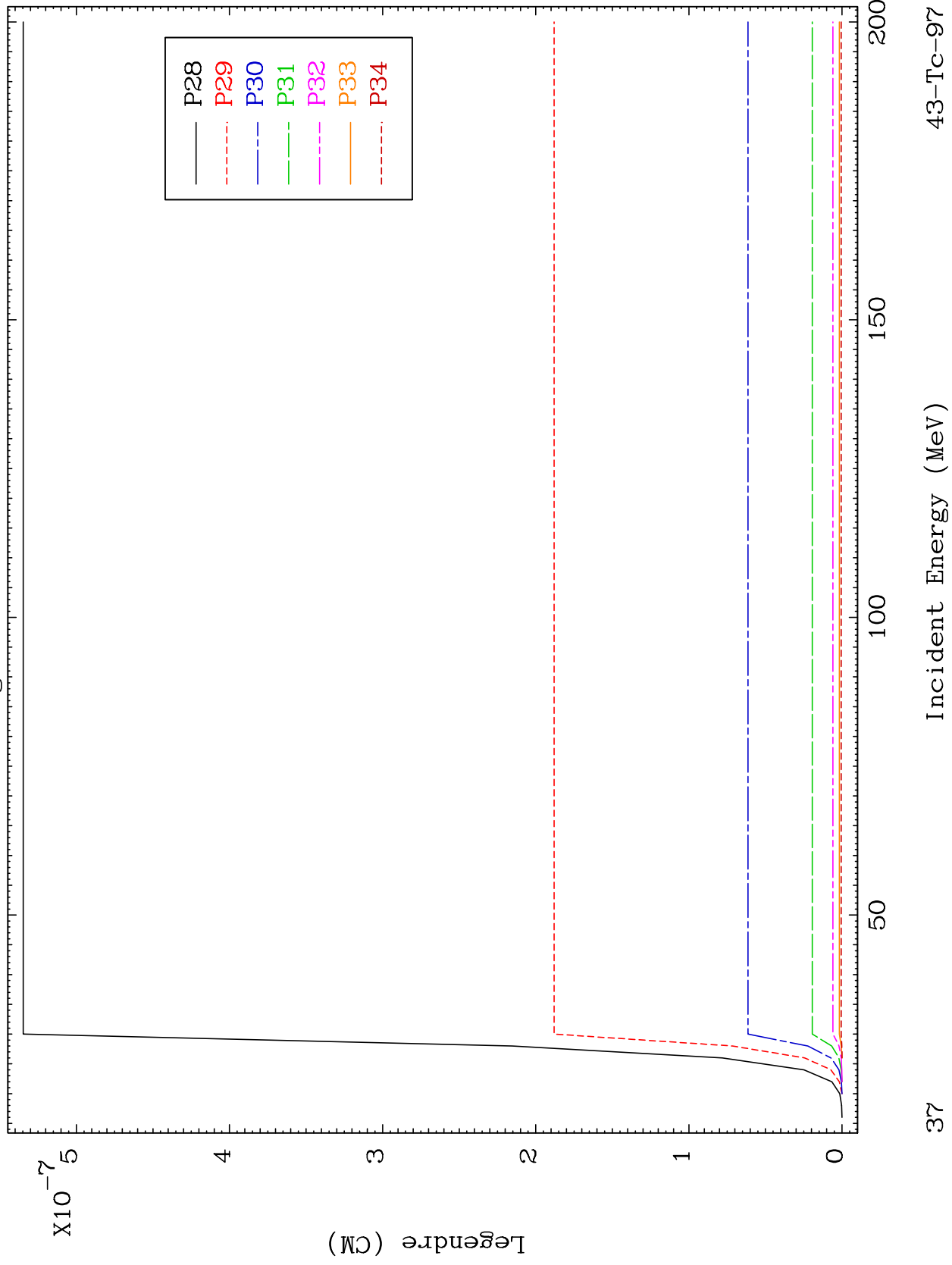
43-Tc-97



MAT 4319

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

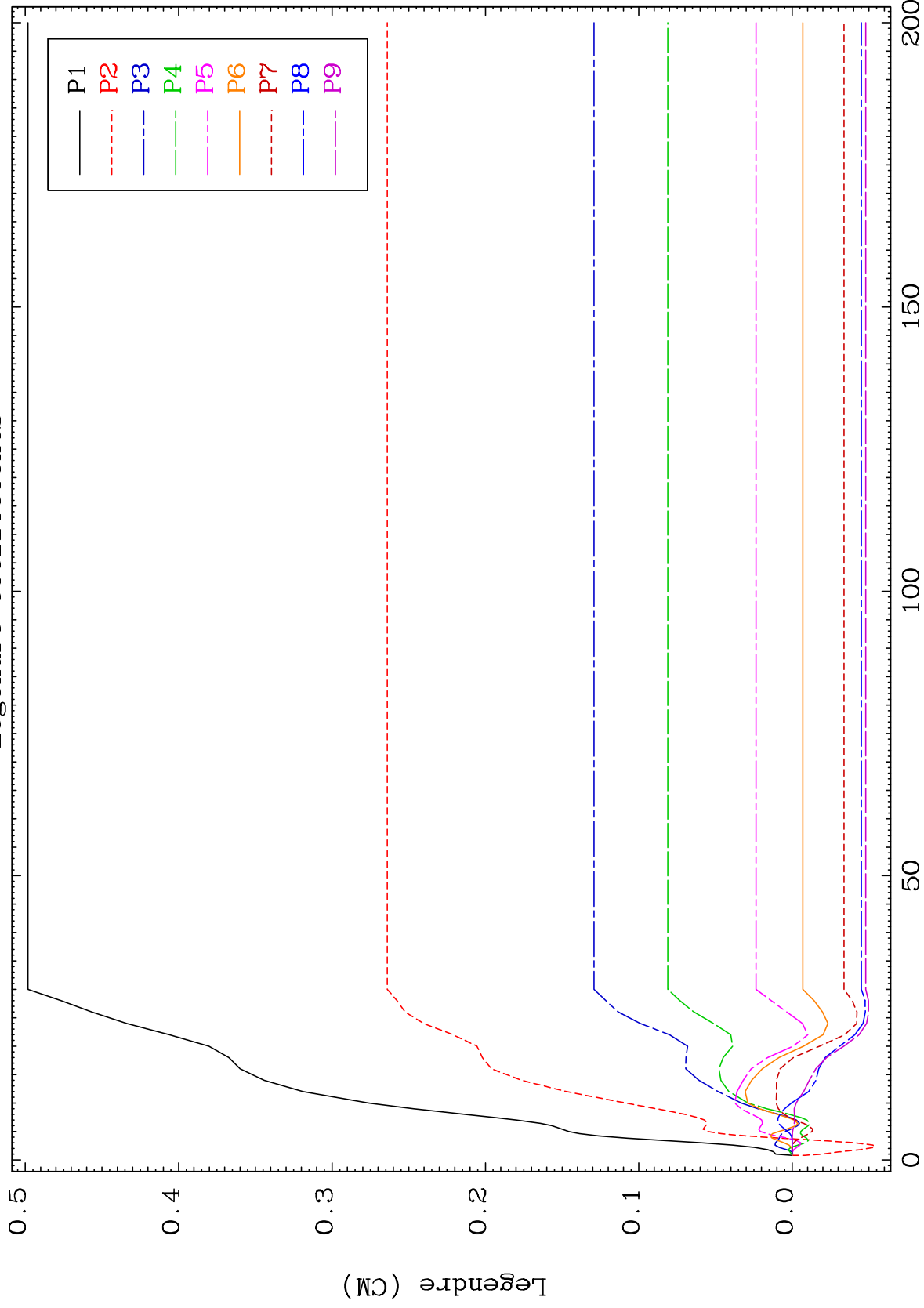
43-Tc-97



MAT 4319

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

43-Tc-97



38

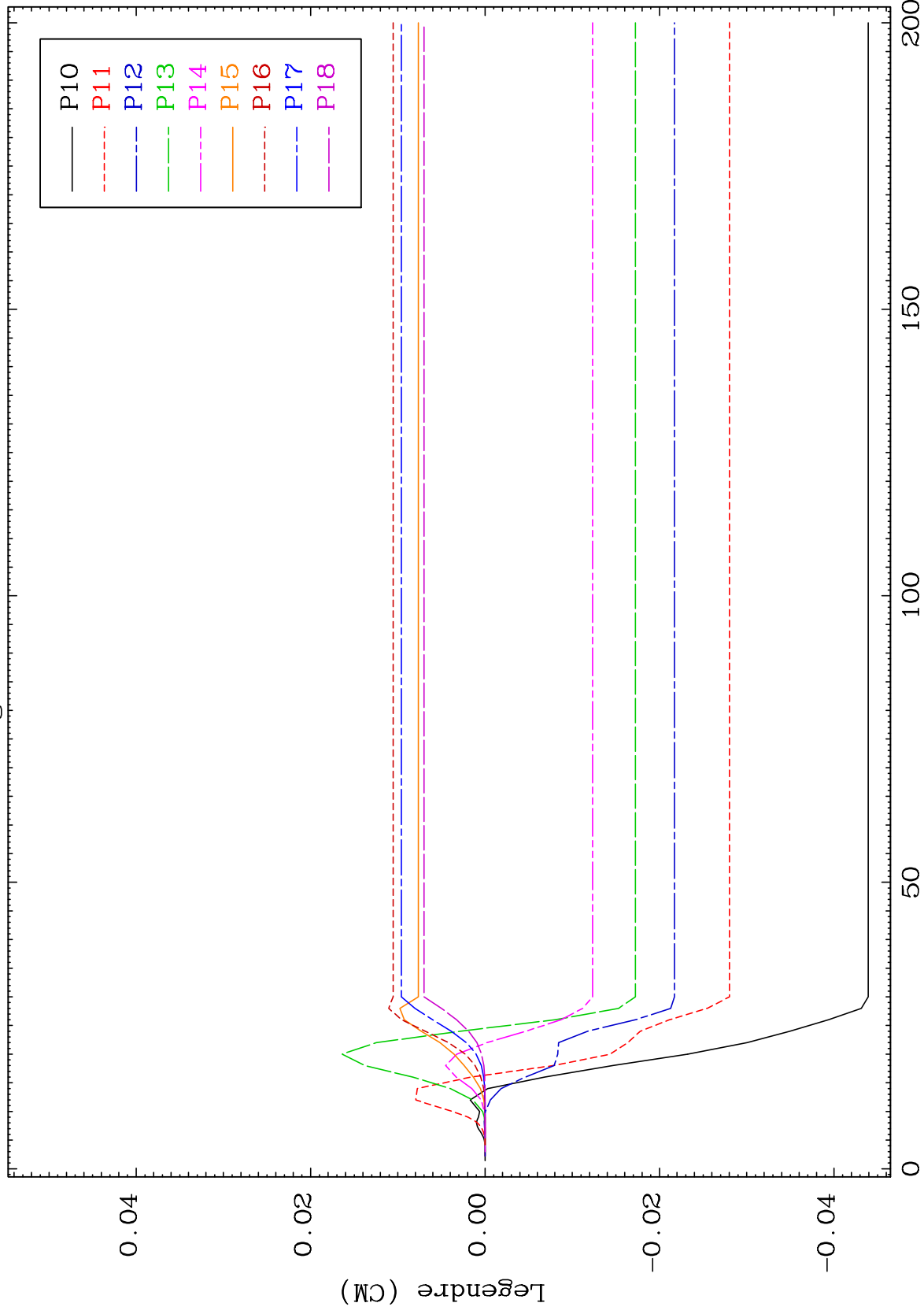
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

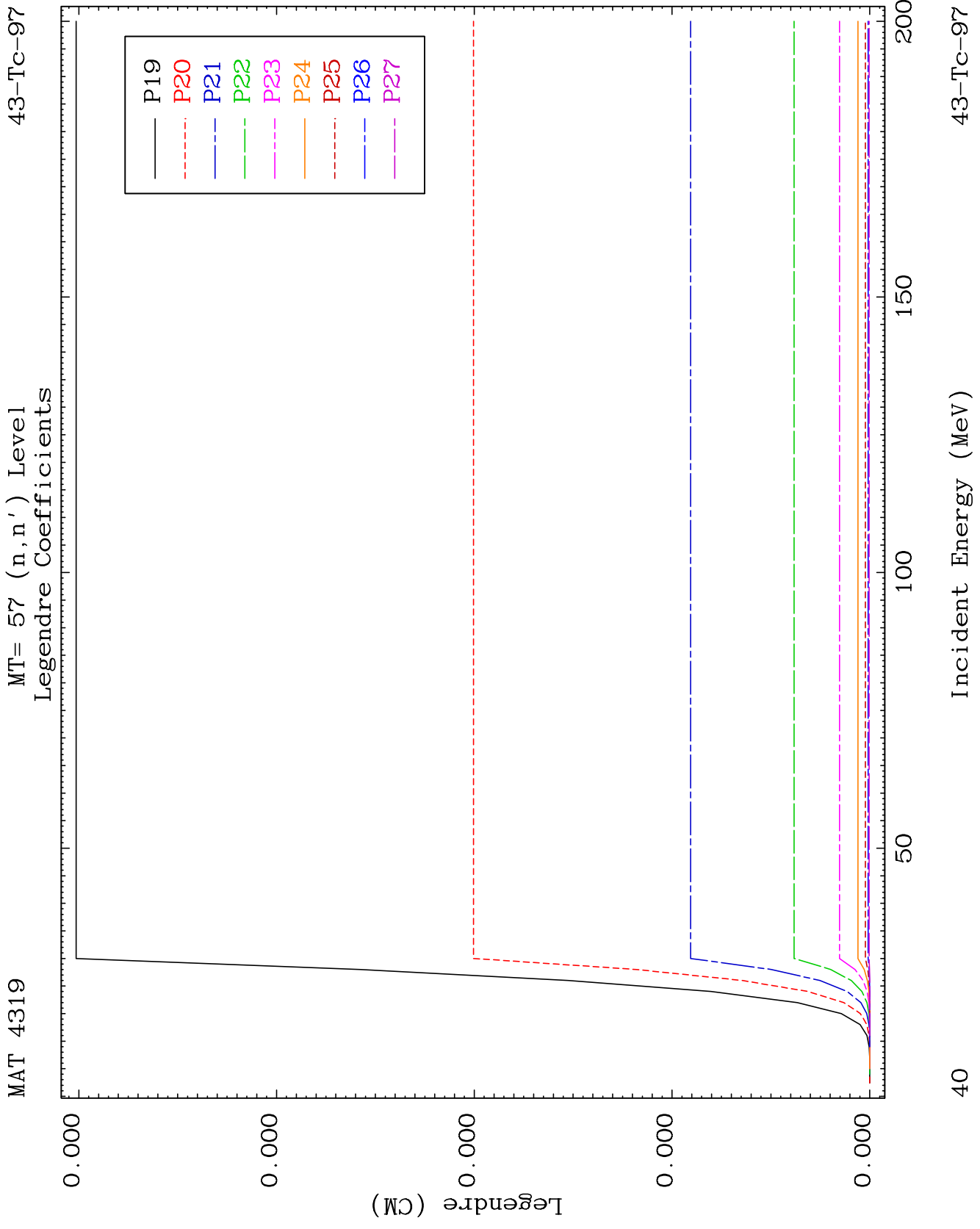
43-Tc-97



39

Incident Energy (MeV)

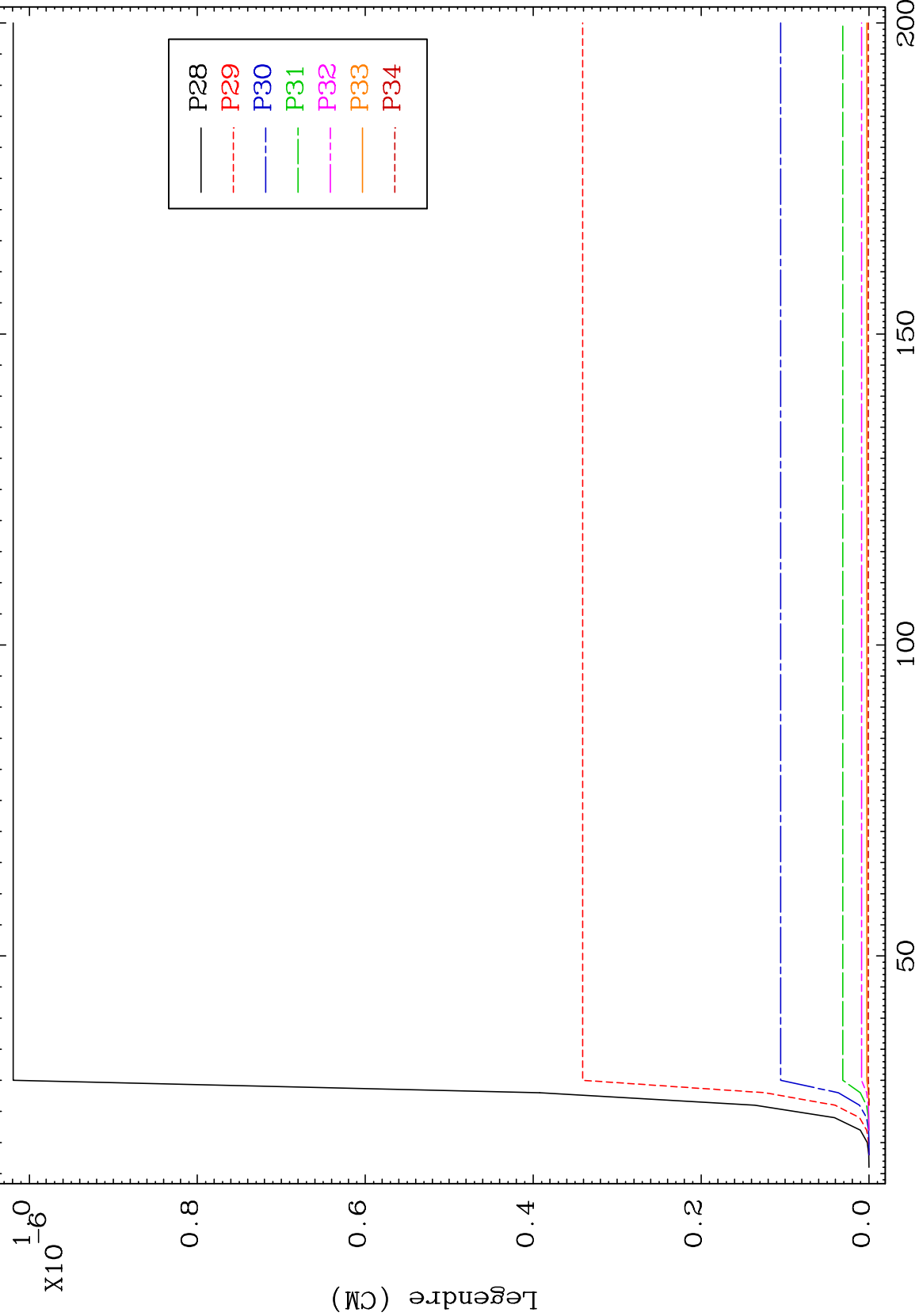
43-Tc-97



MAT 4319

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

43-Tc-97



41

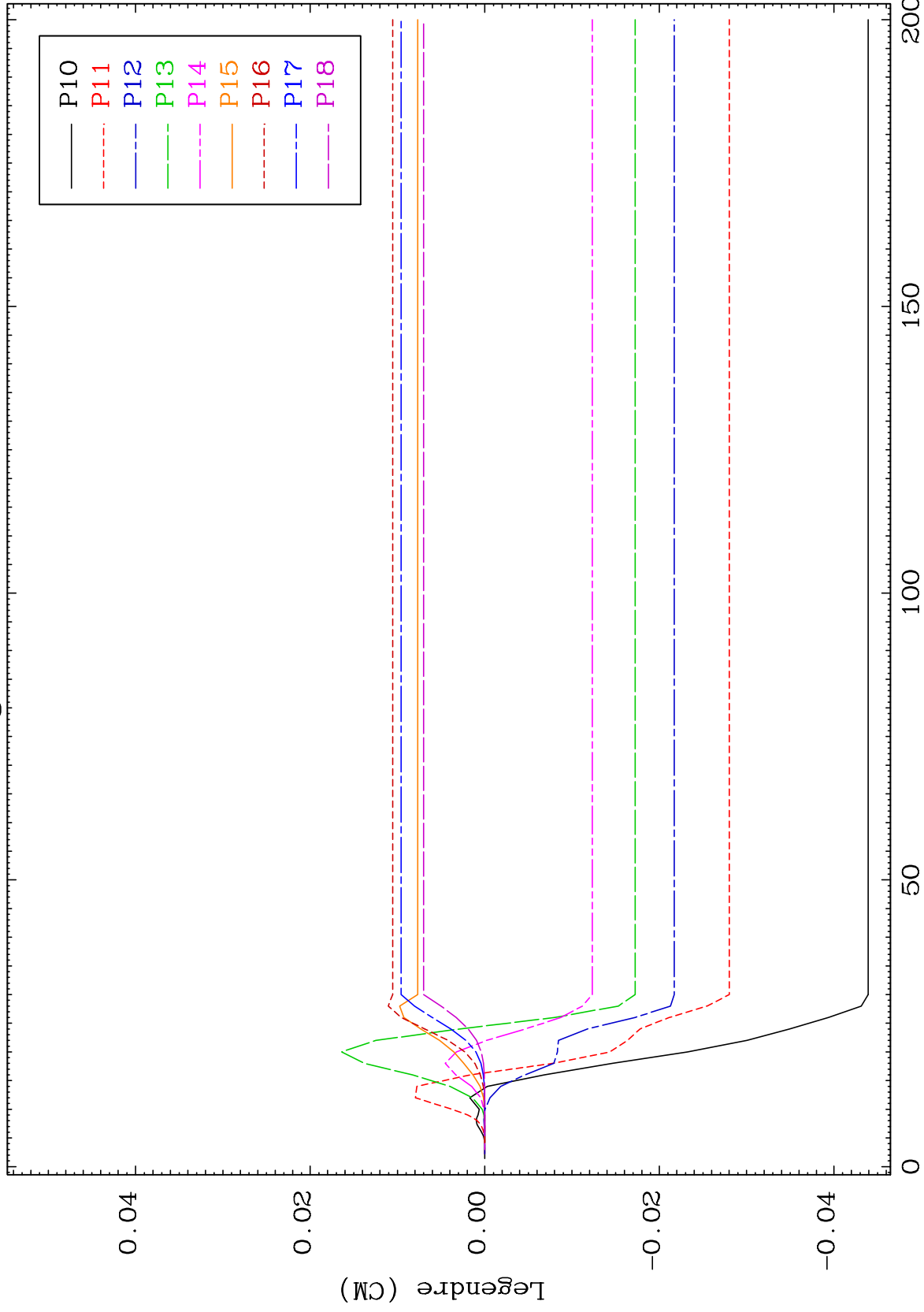
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

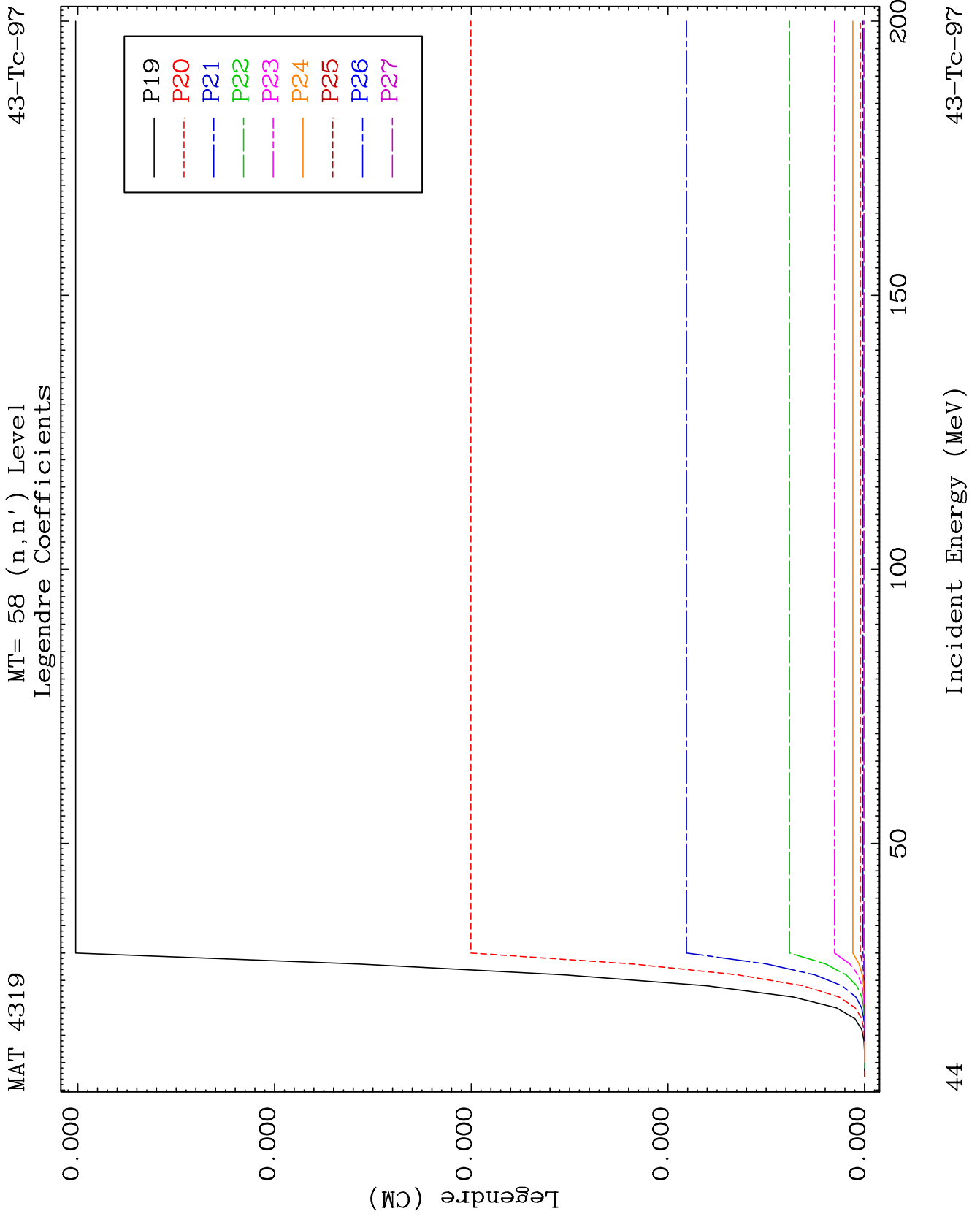
43-Tc-97



43

Incident Energy (MeV)

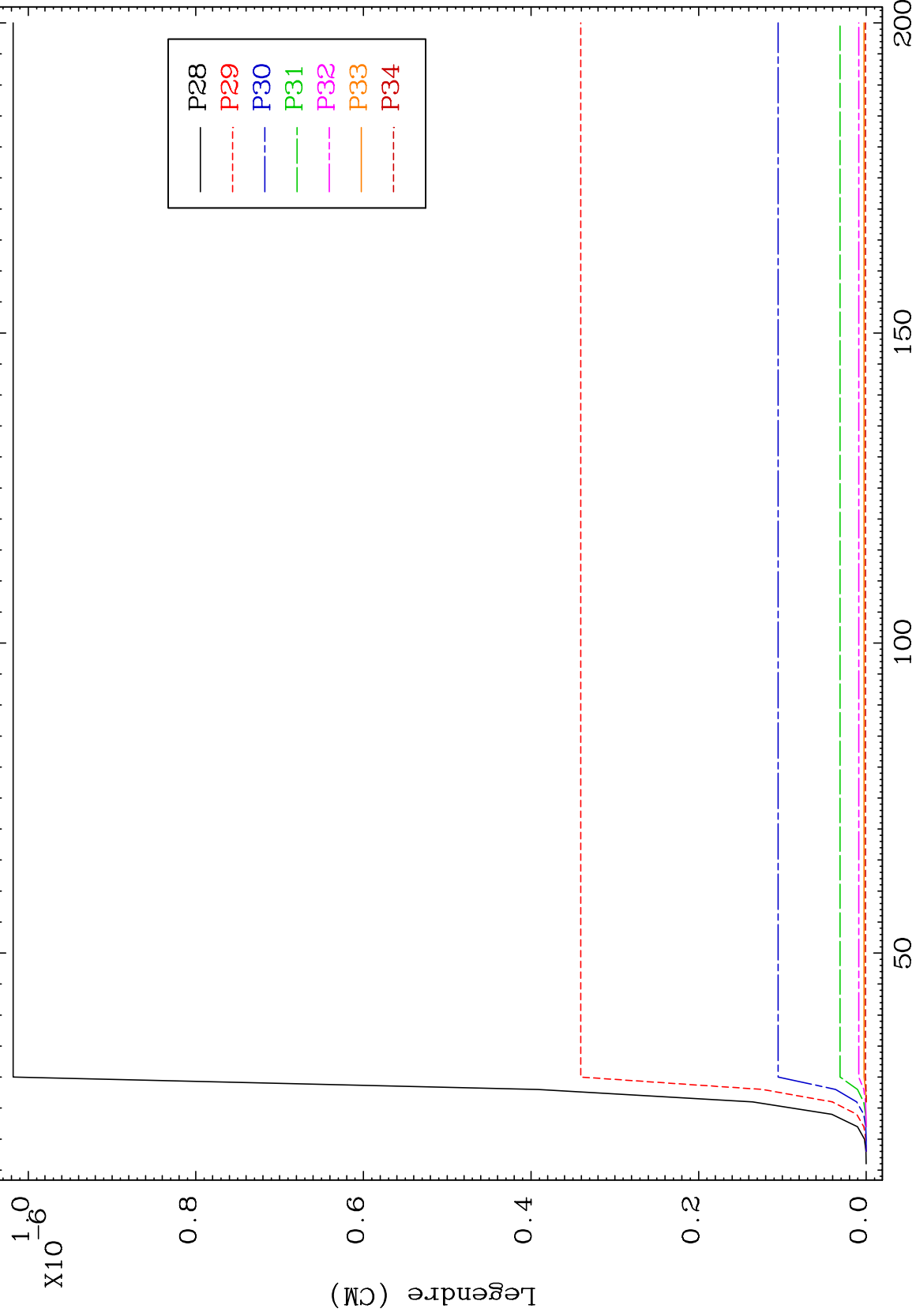
43-Tc-97



MAT 4319

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

43-Tc-97



45

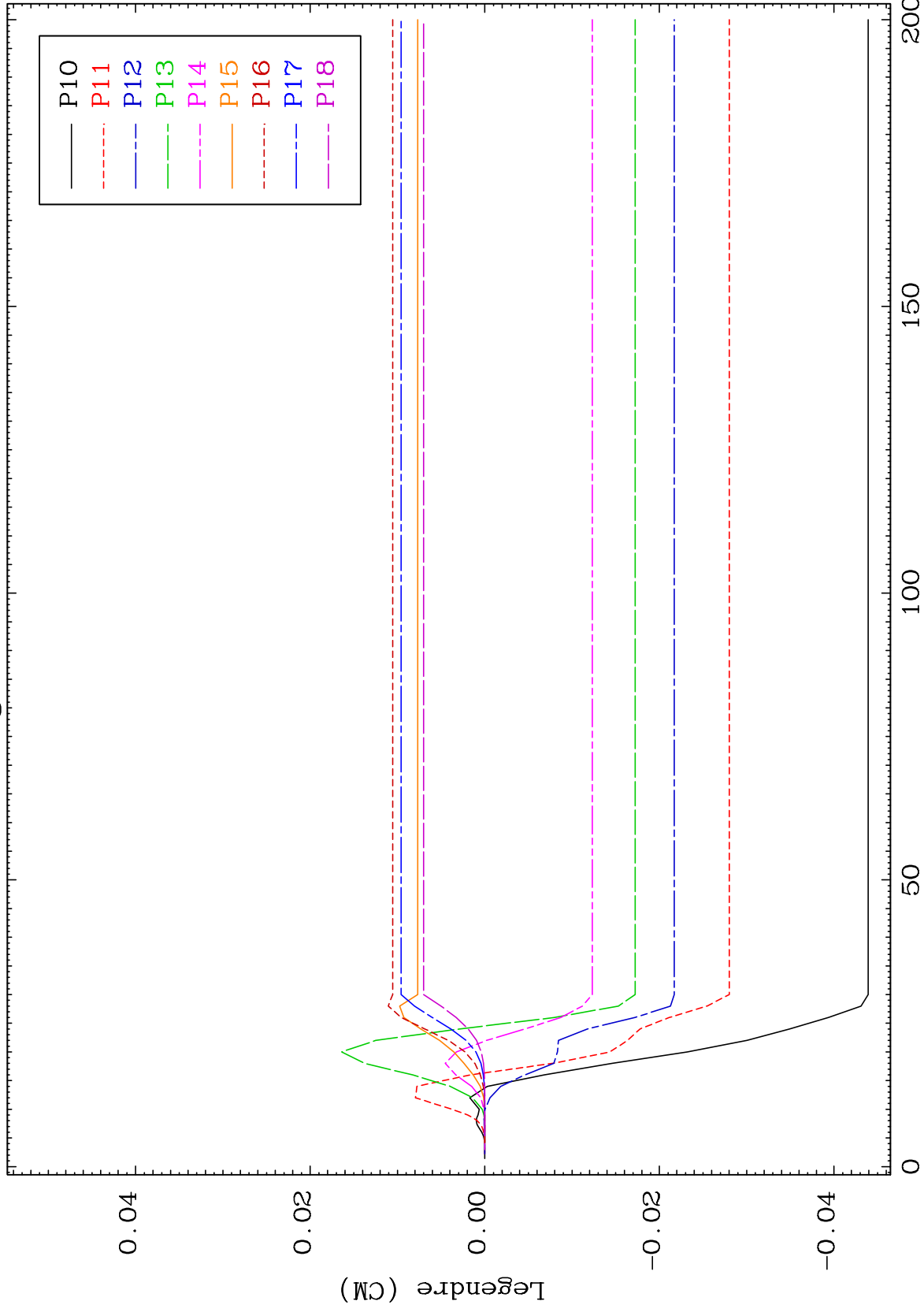
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



47

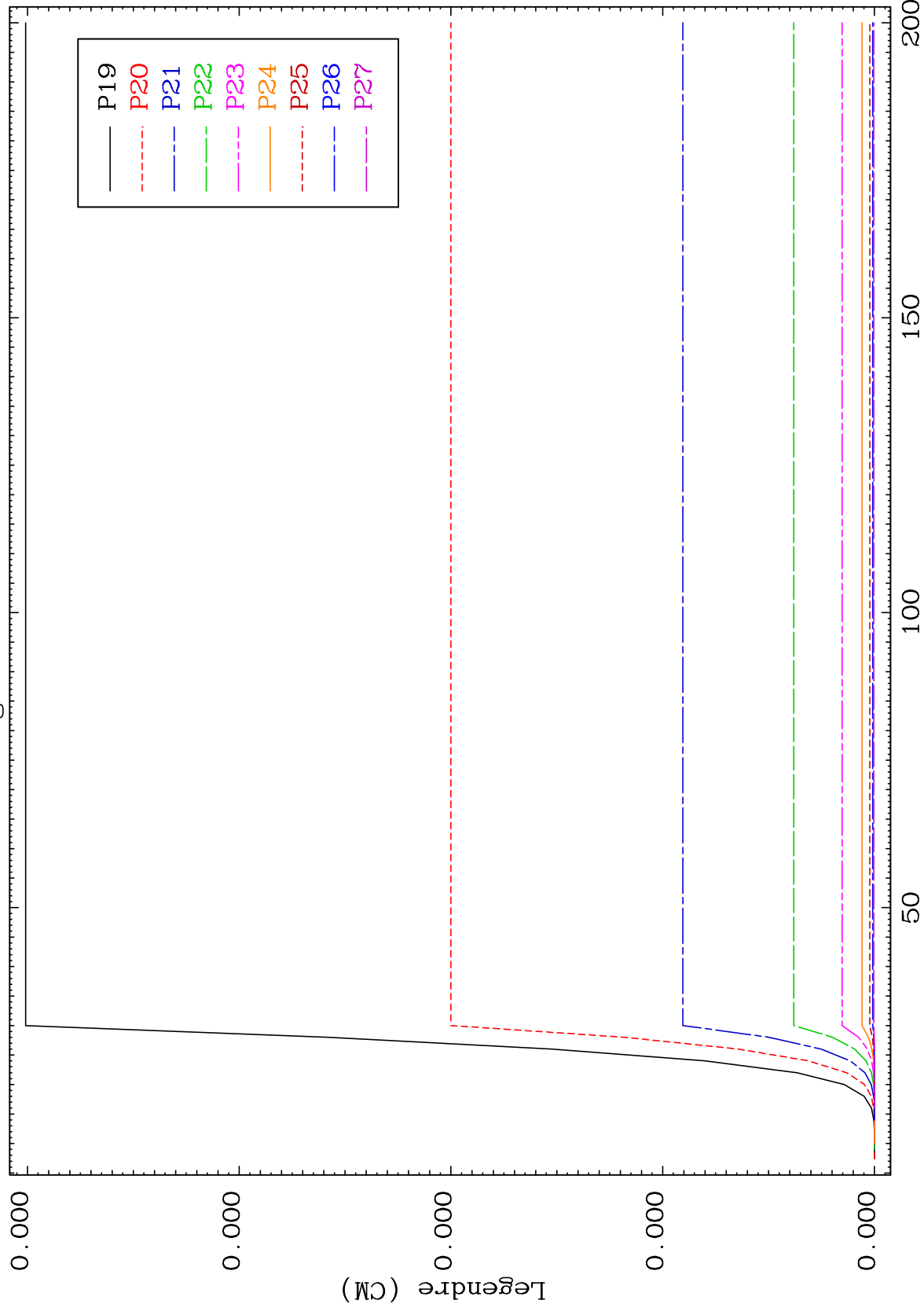
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



48

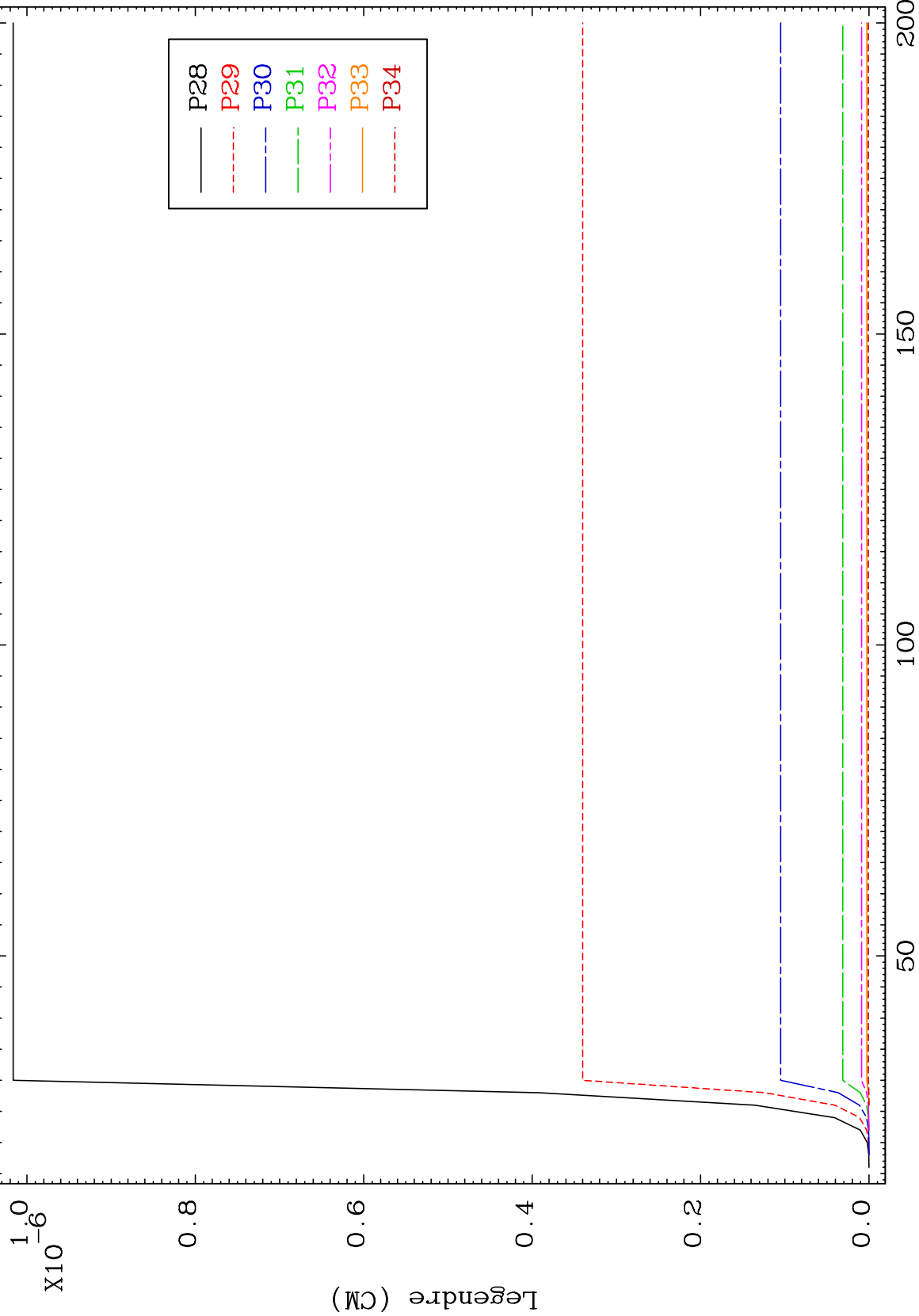
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

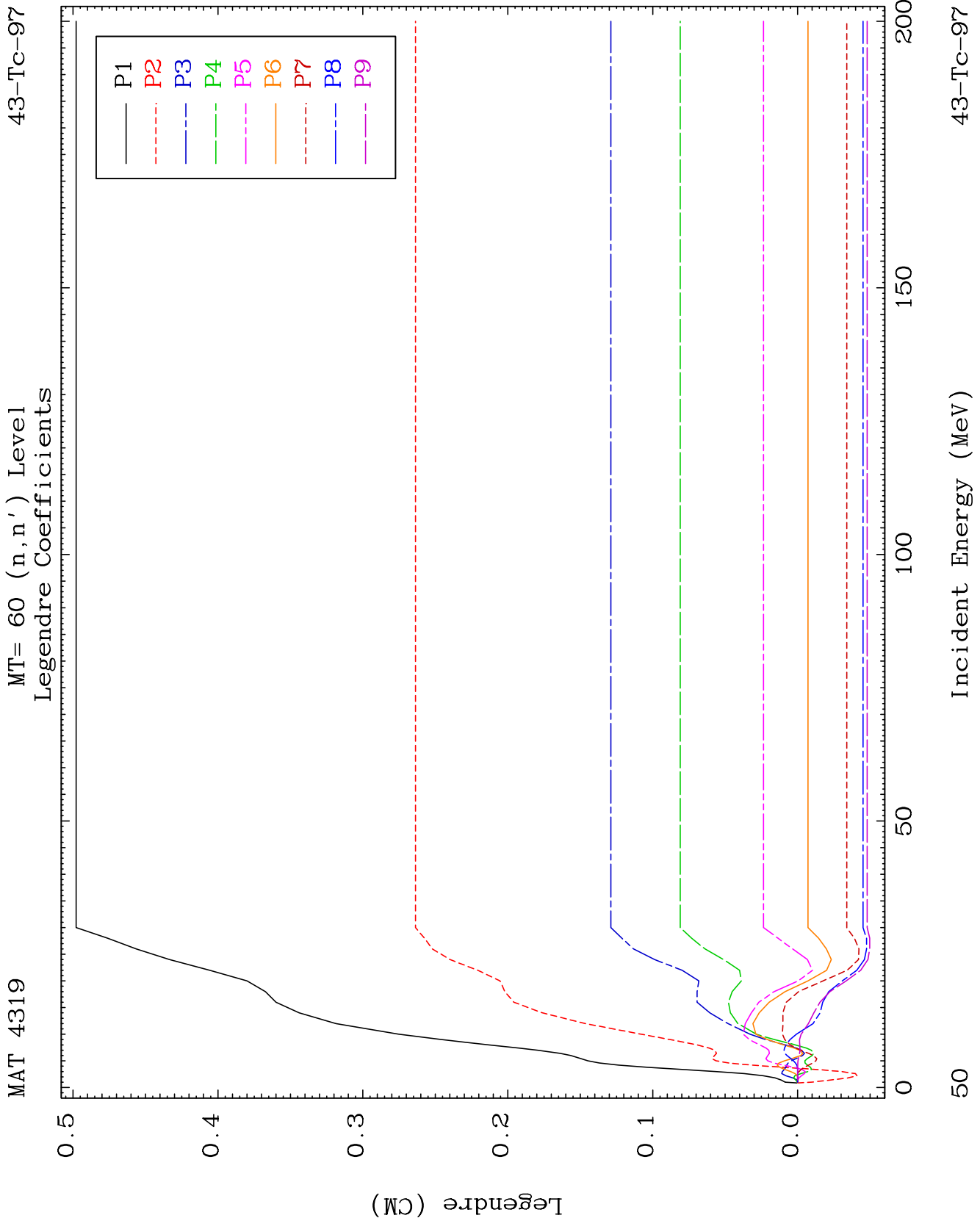
43-Tc-97



49

Incident Energy (MeV)

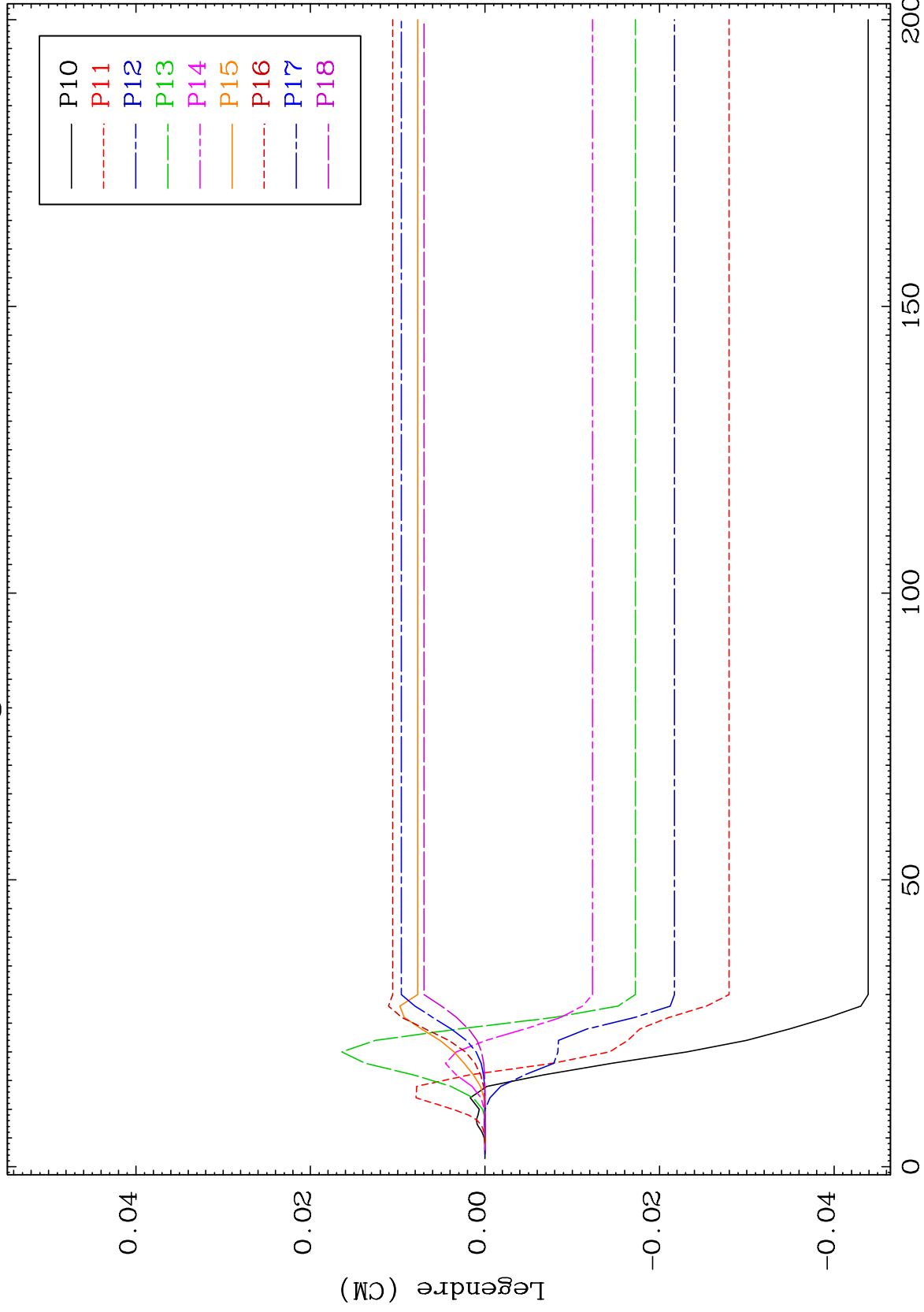
43-Tc-97



MAT 4319

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

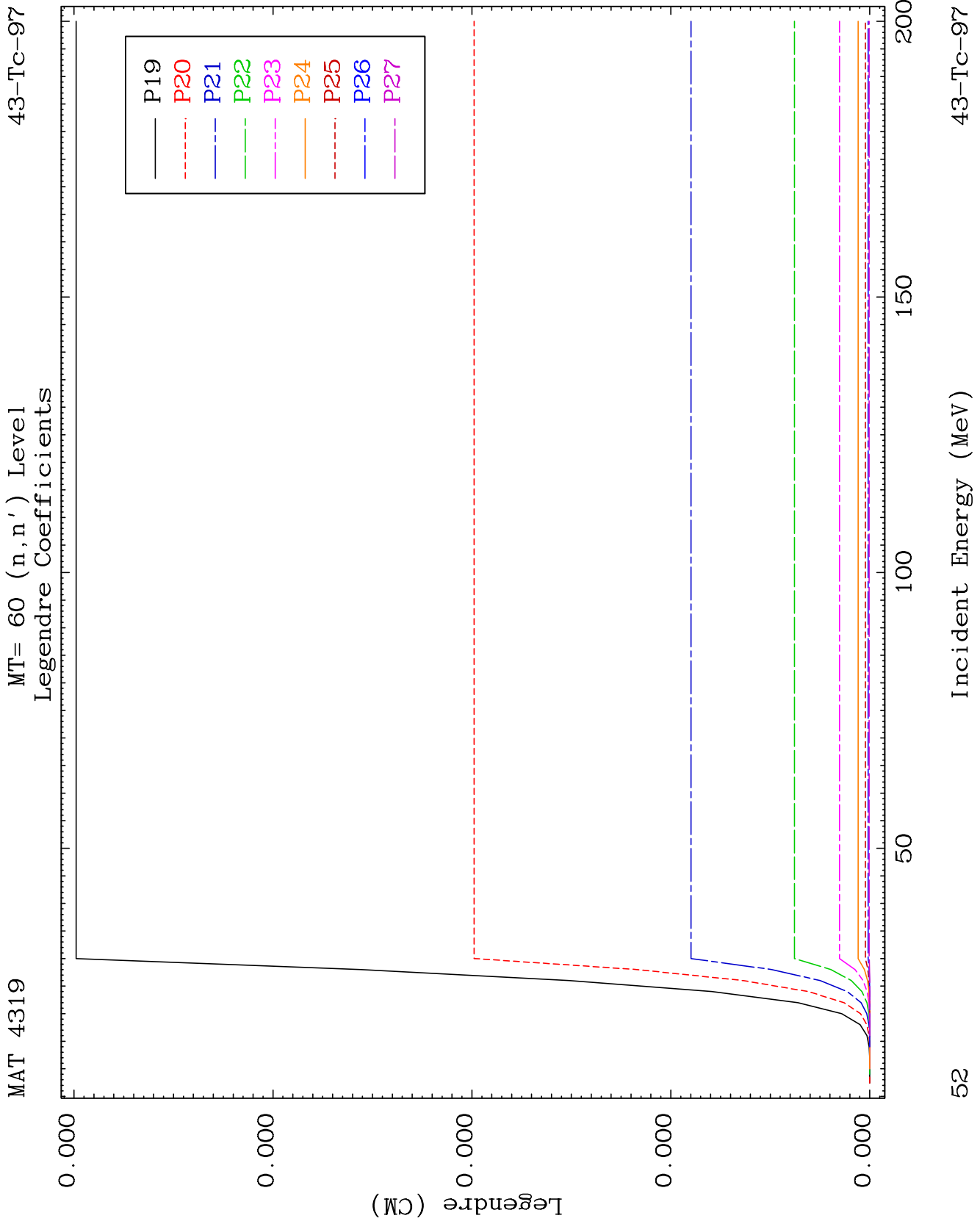
43-Tc-97



51

Incident Energy (MeV)

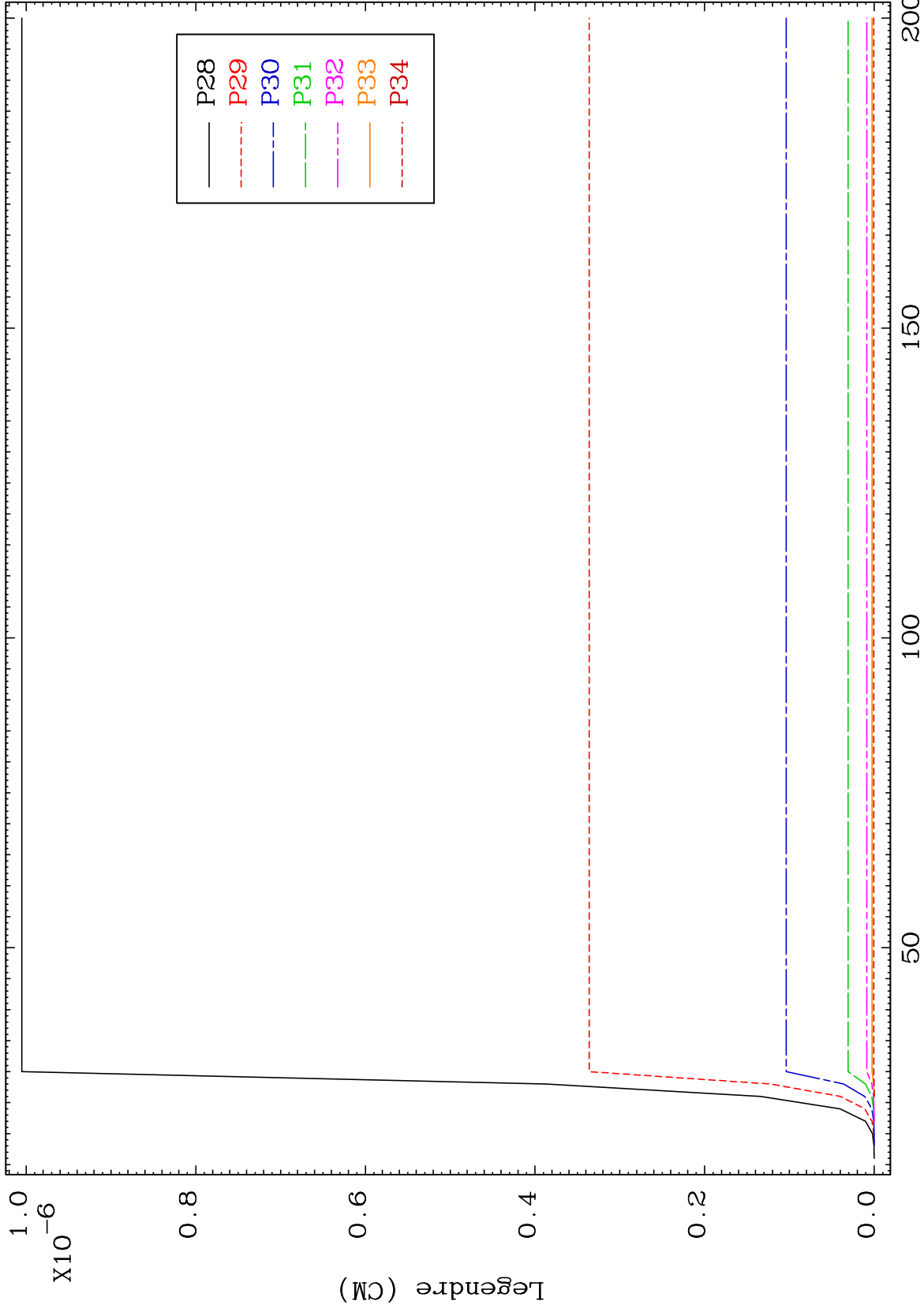
43-Tc-97



MAT 4319

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

43-Tc-97



53

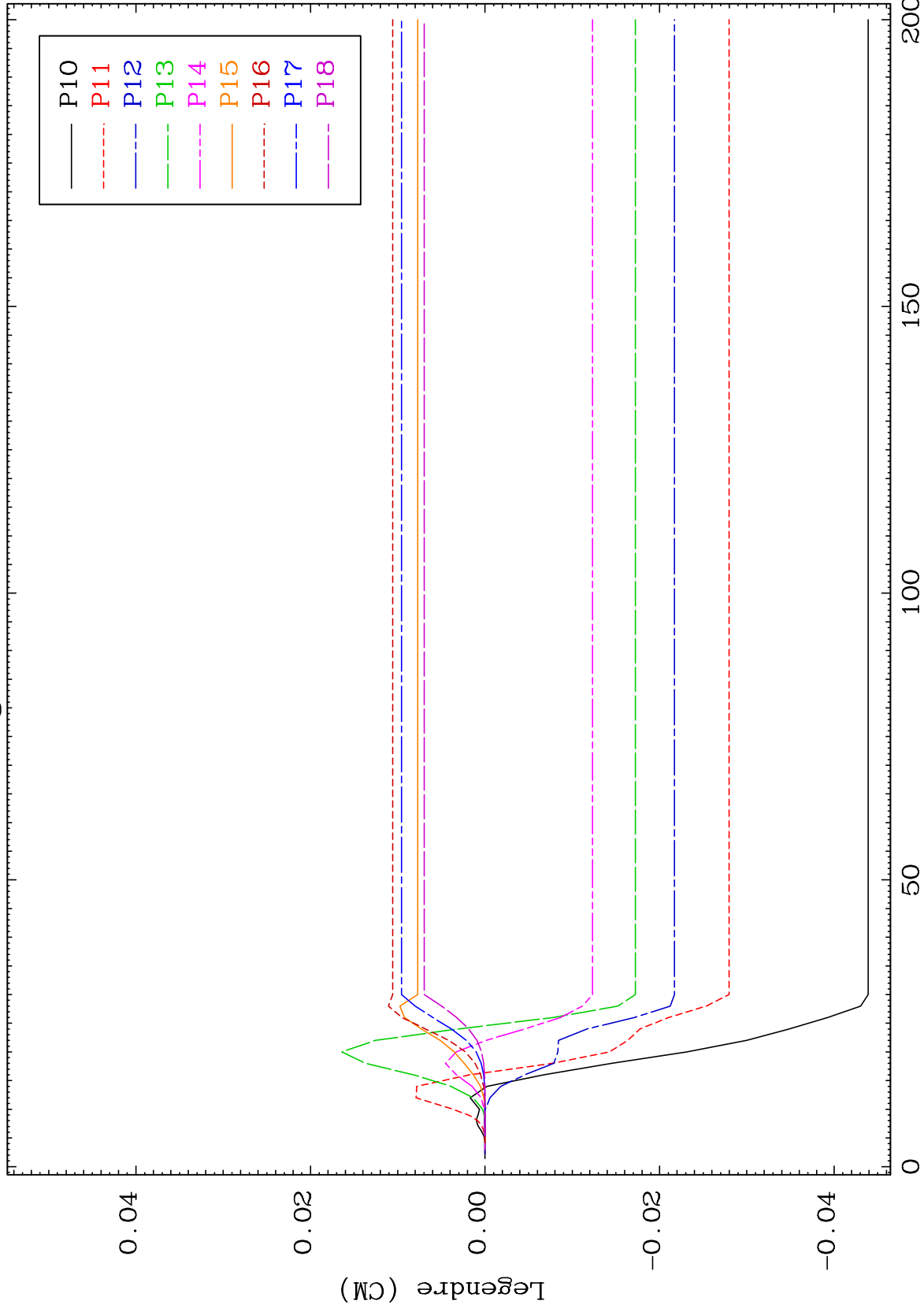
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

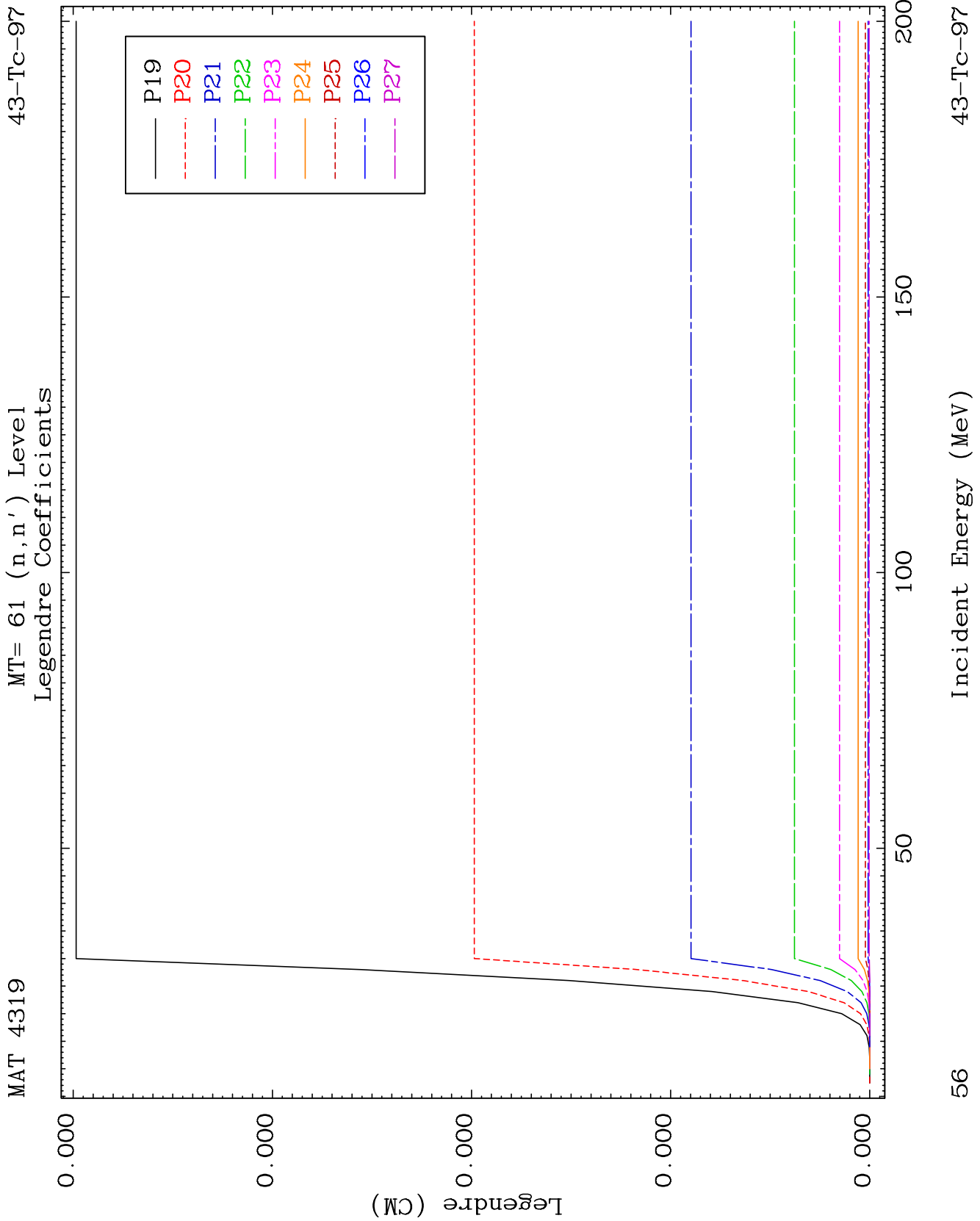
43-Tc-97



55

Incident Energy (MeV)

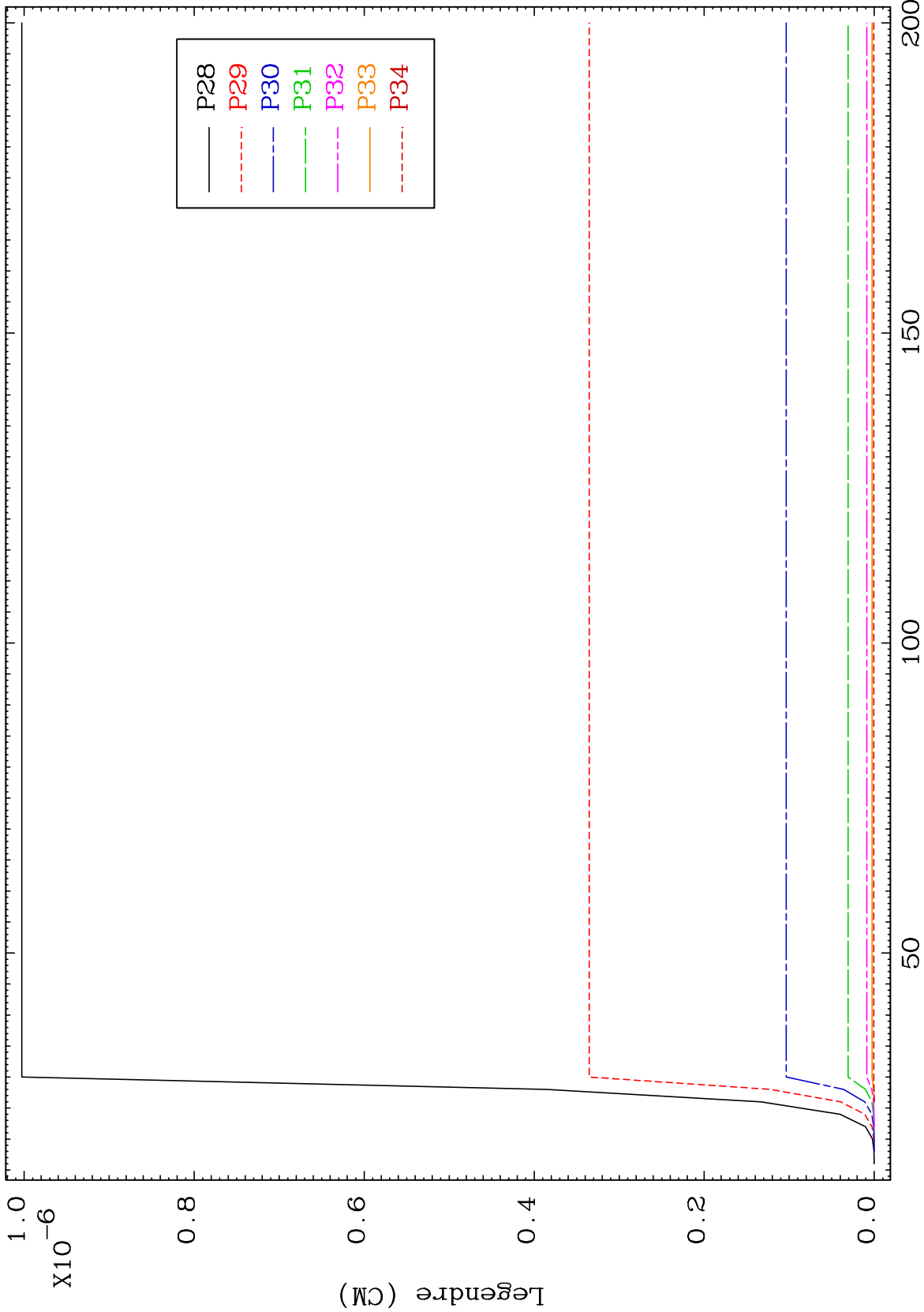
43-Tc-97



MAT 4319

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

43-Tc-97



57

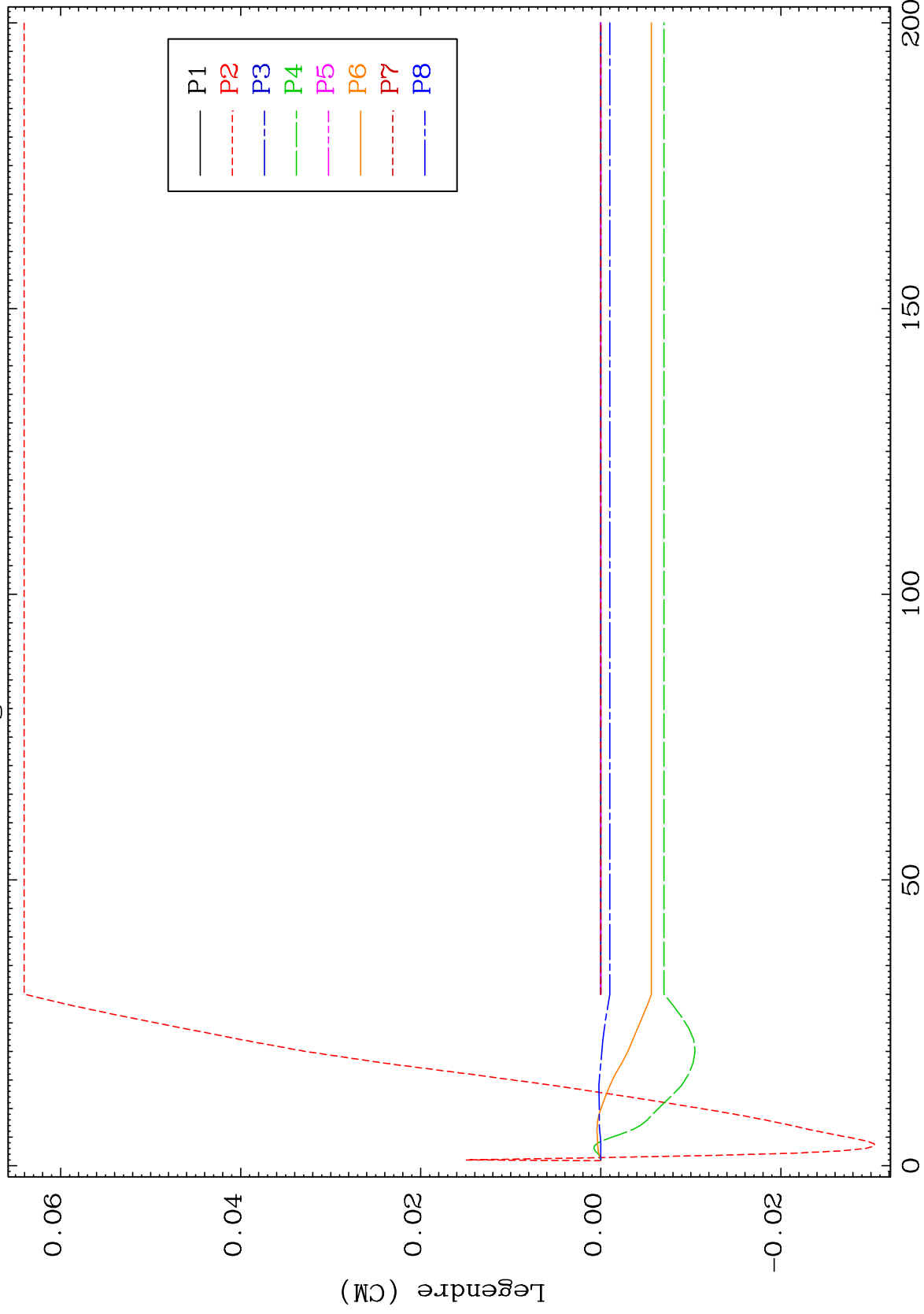
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



58

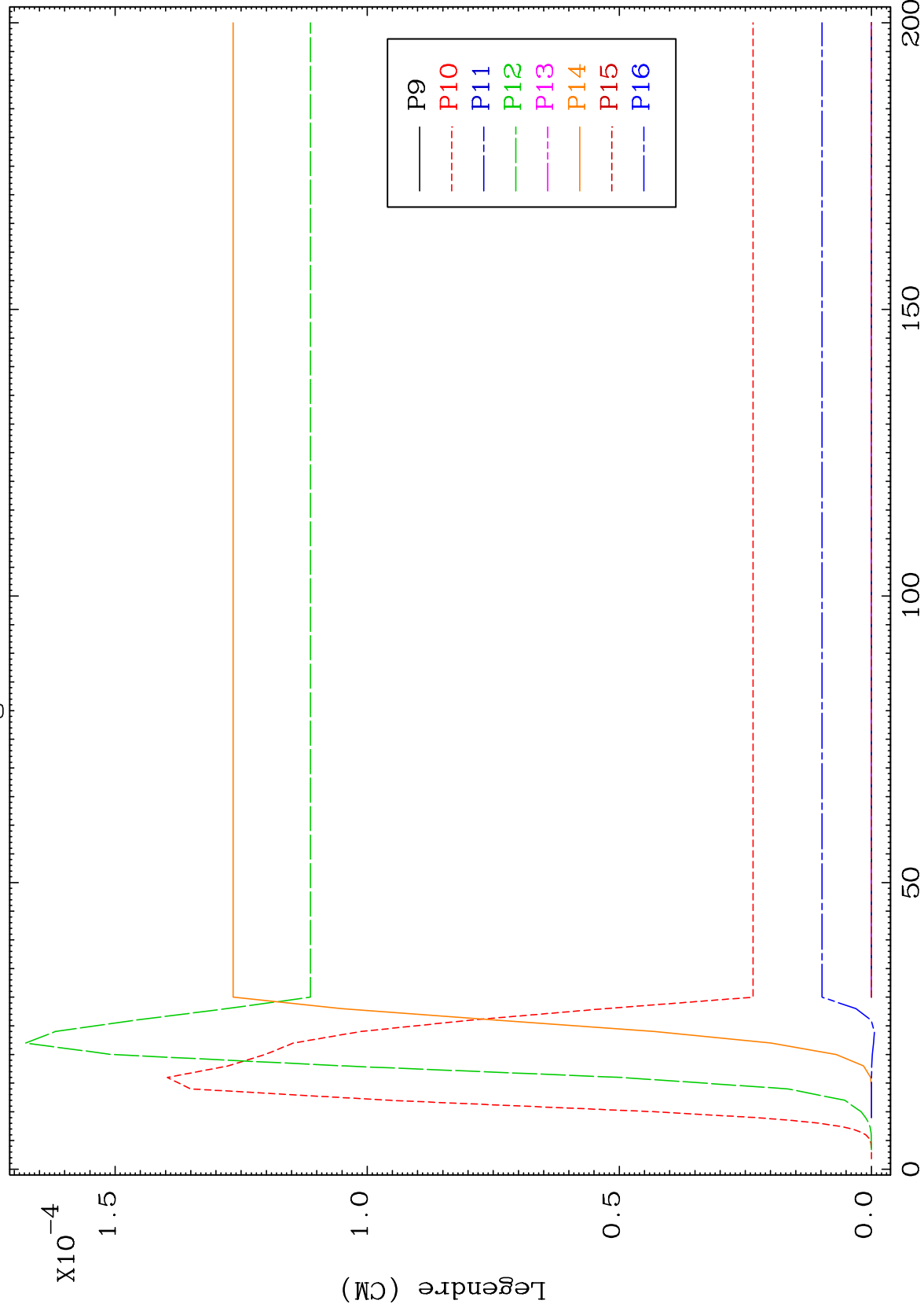
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

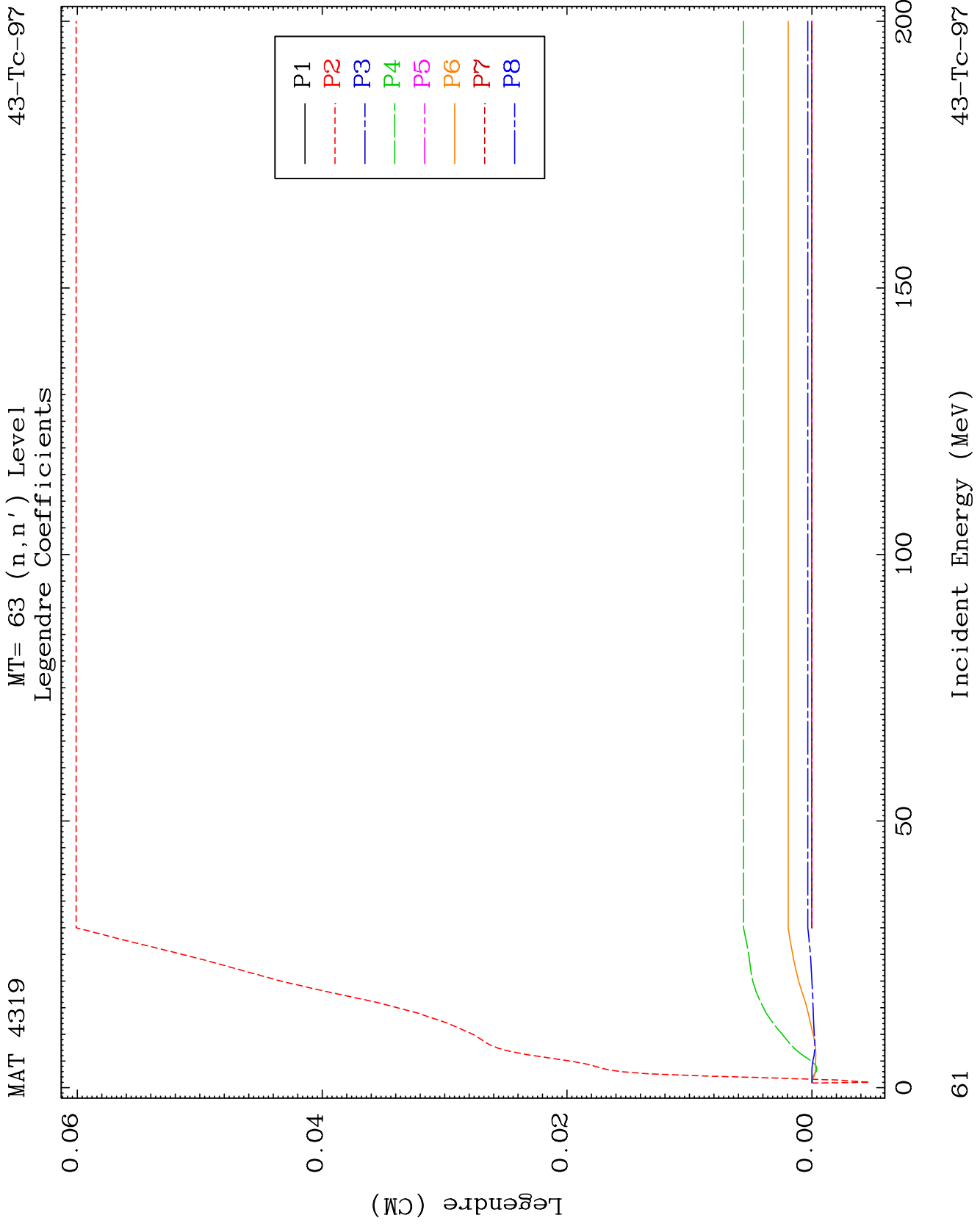
43-Tc-97

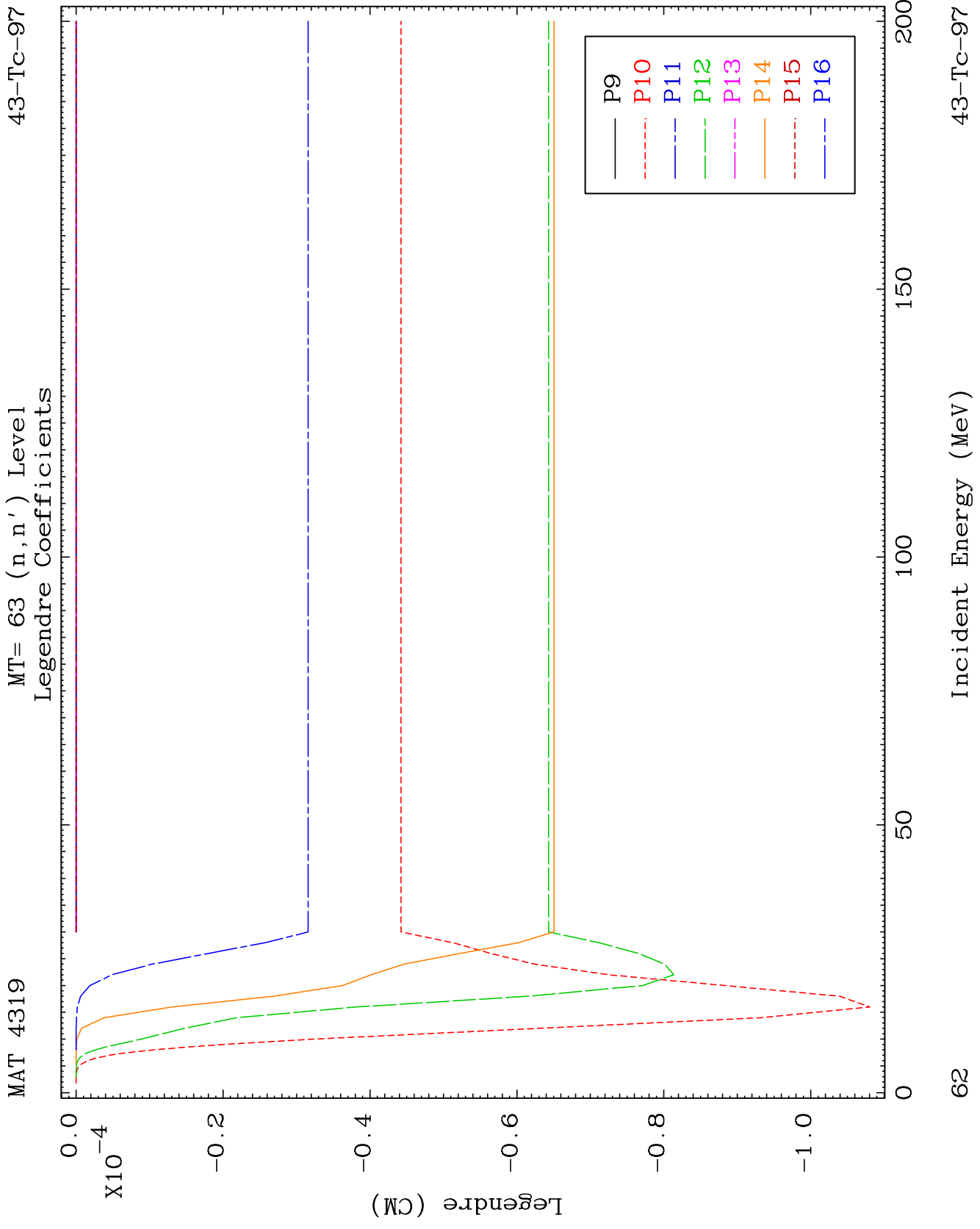


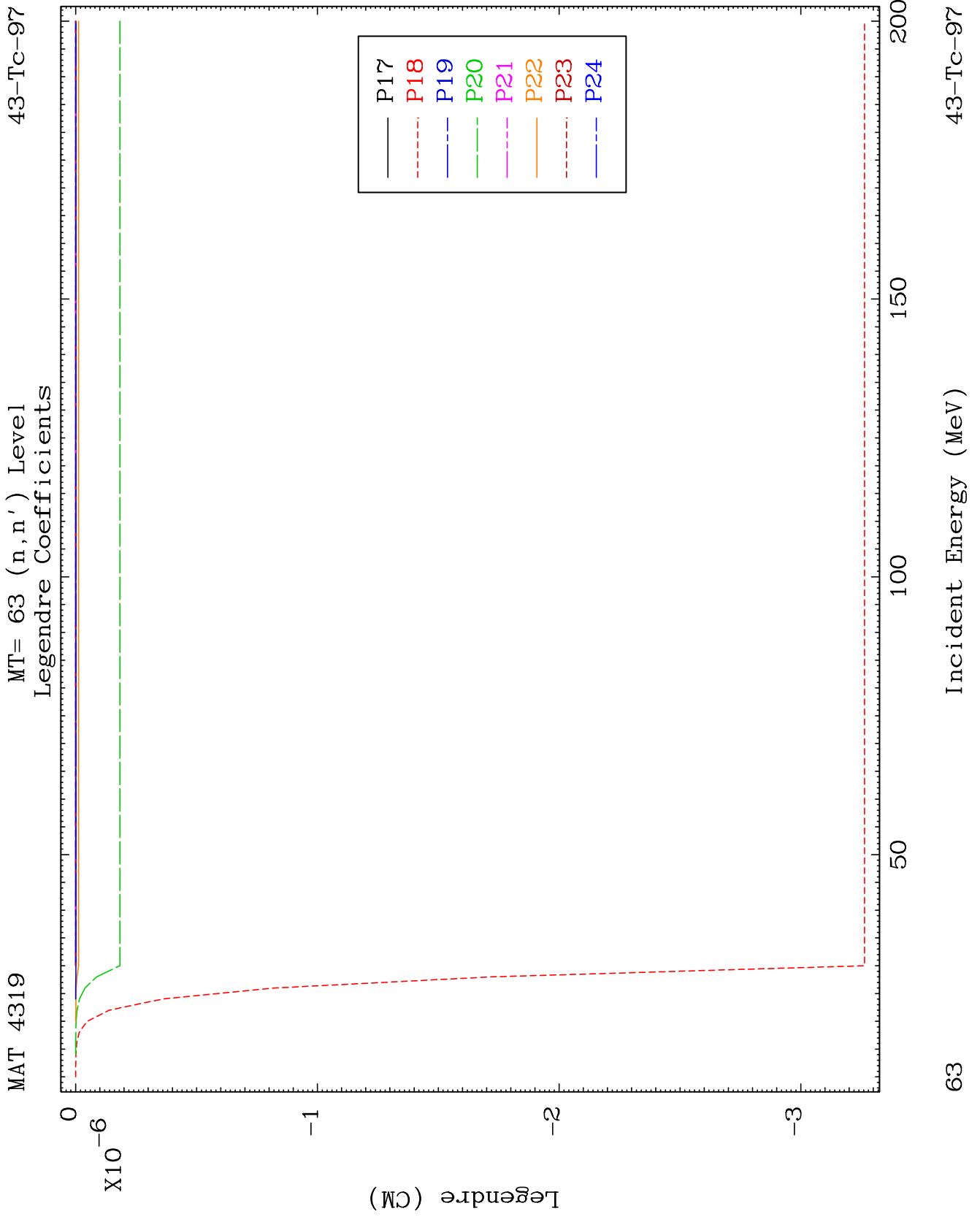
59

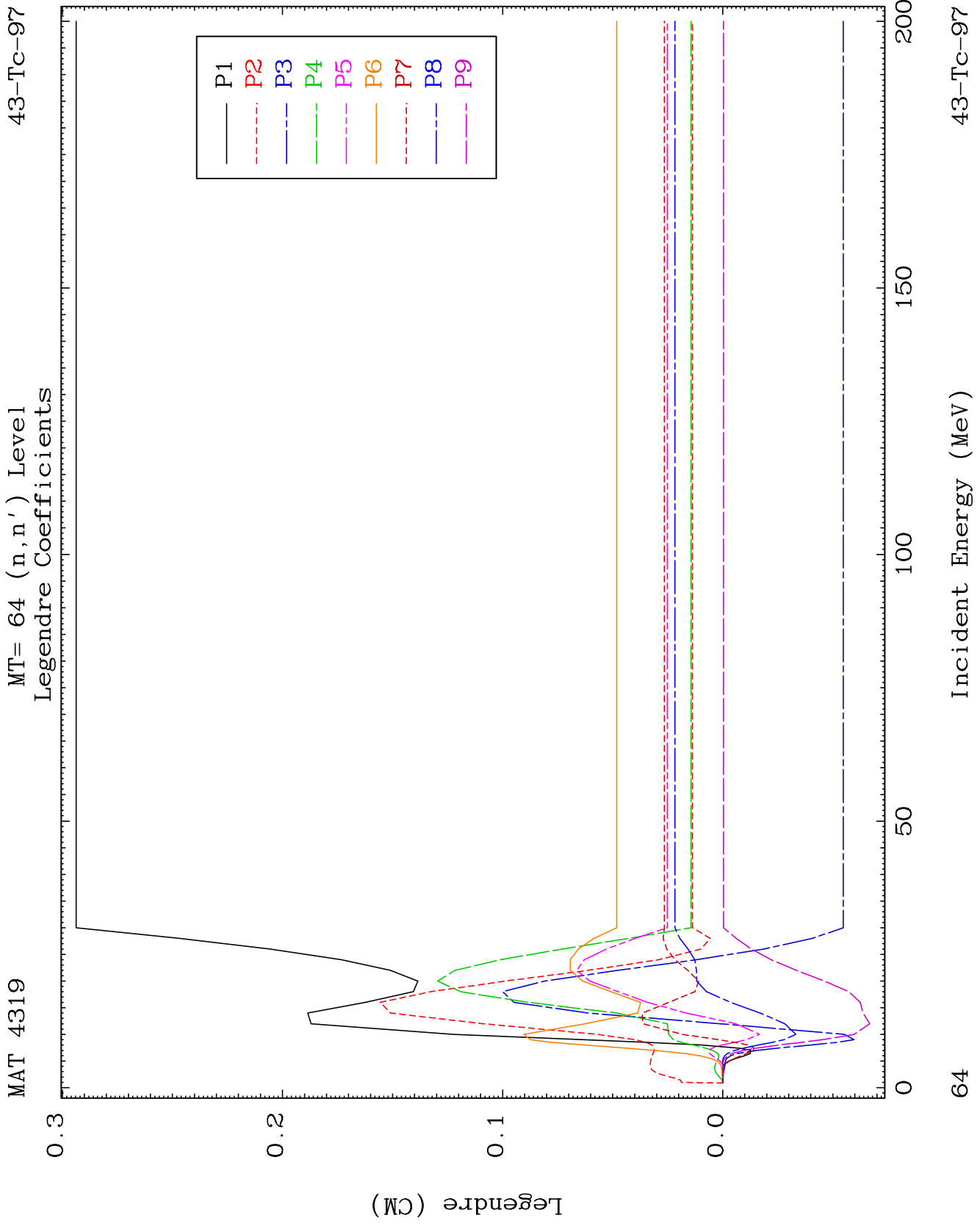
Incident Energy (MeV)

43-Tc-97





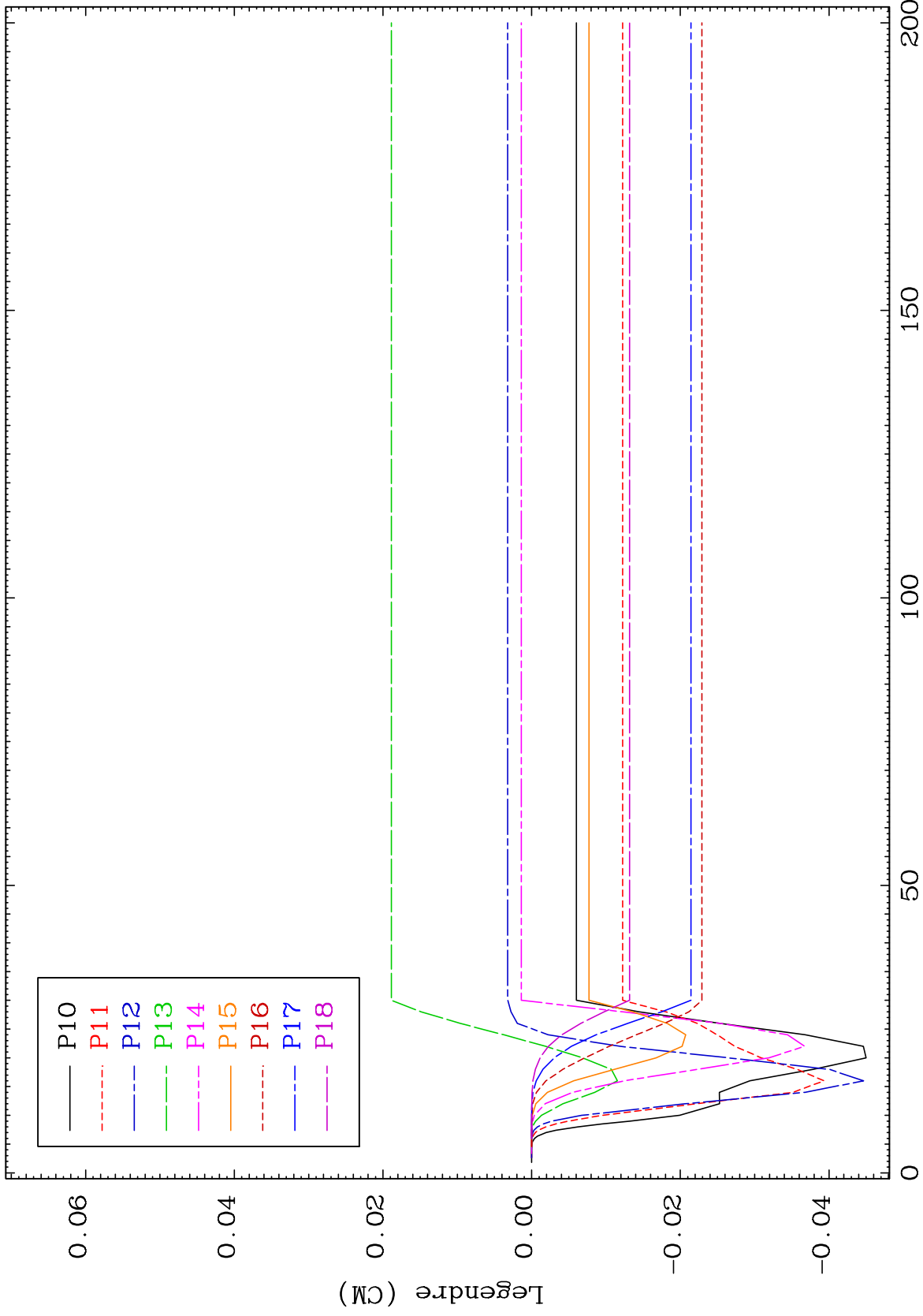




MAT 4319

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

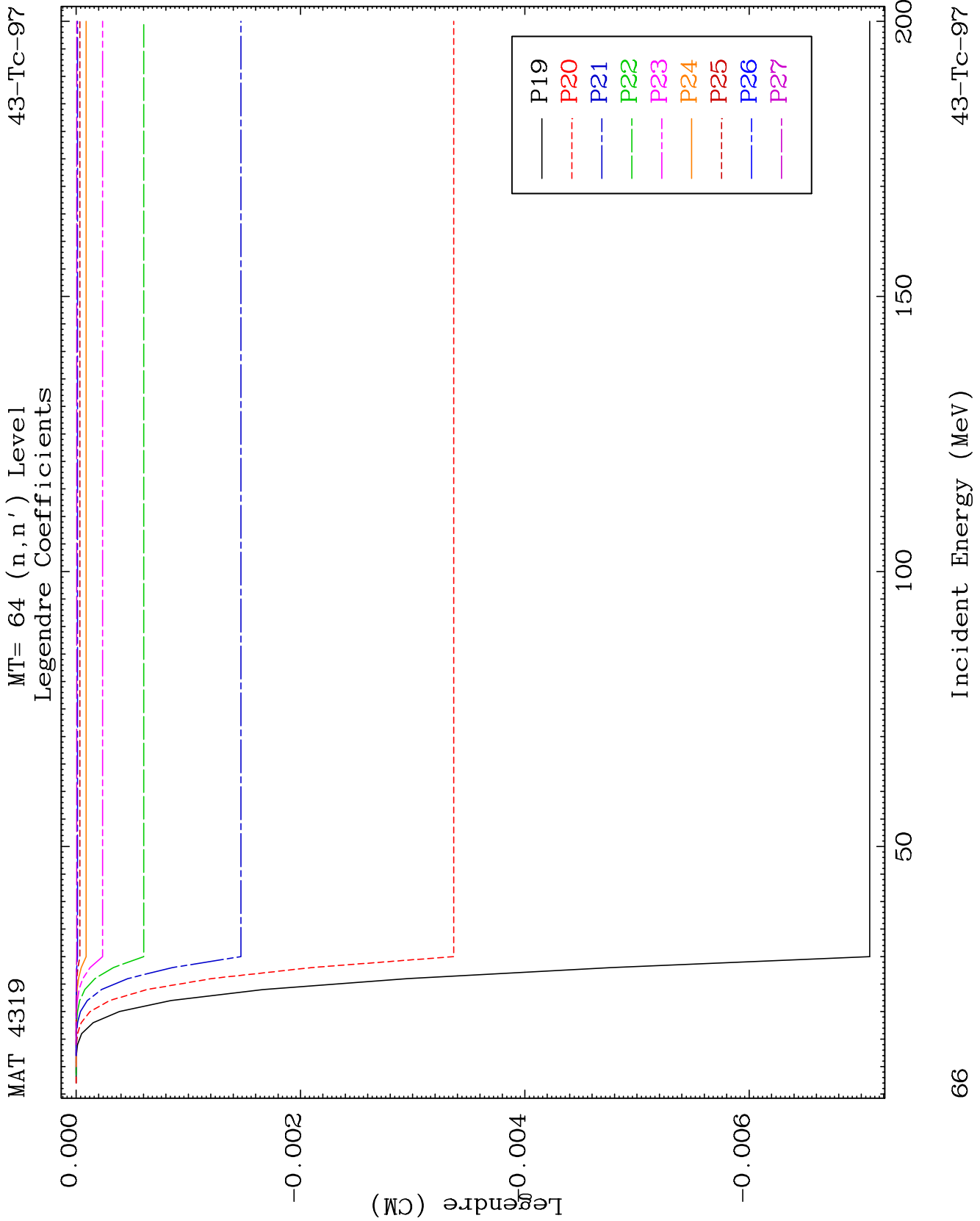
43-Tc-97

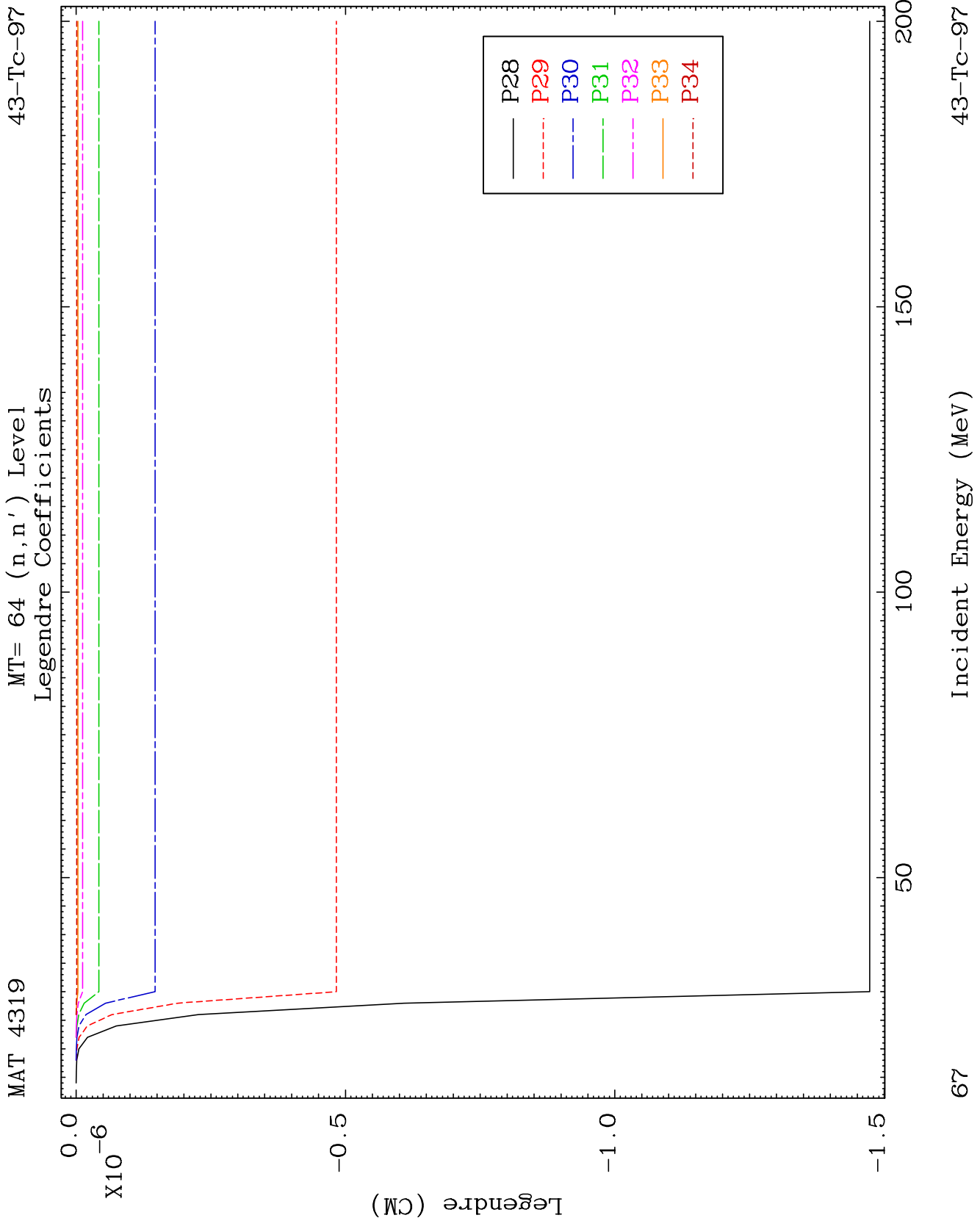


65

Incident Energy (MeV)

43-Tc-97

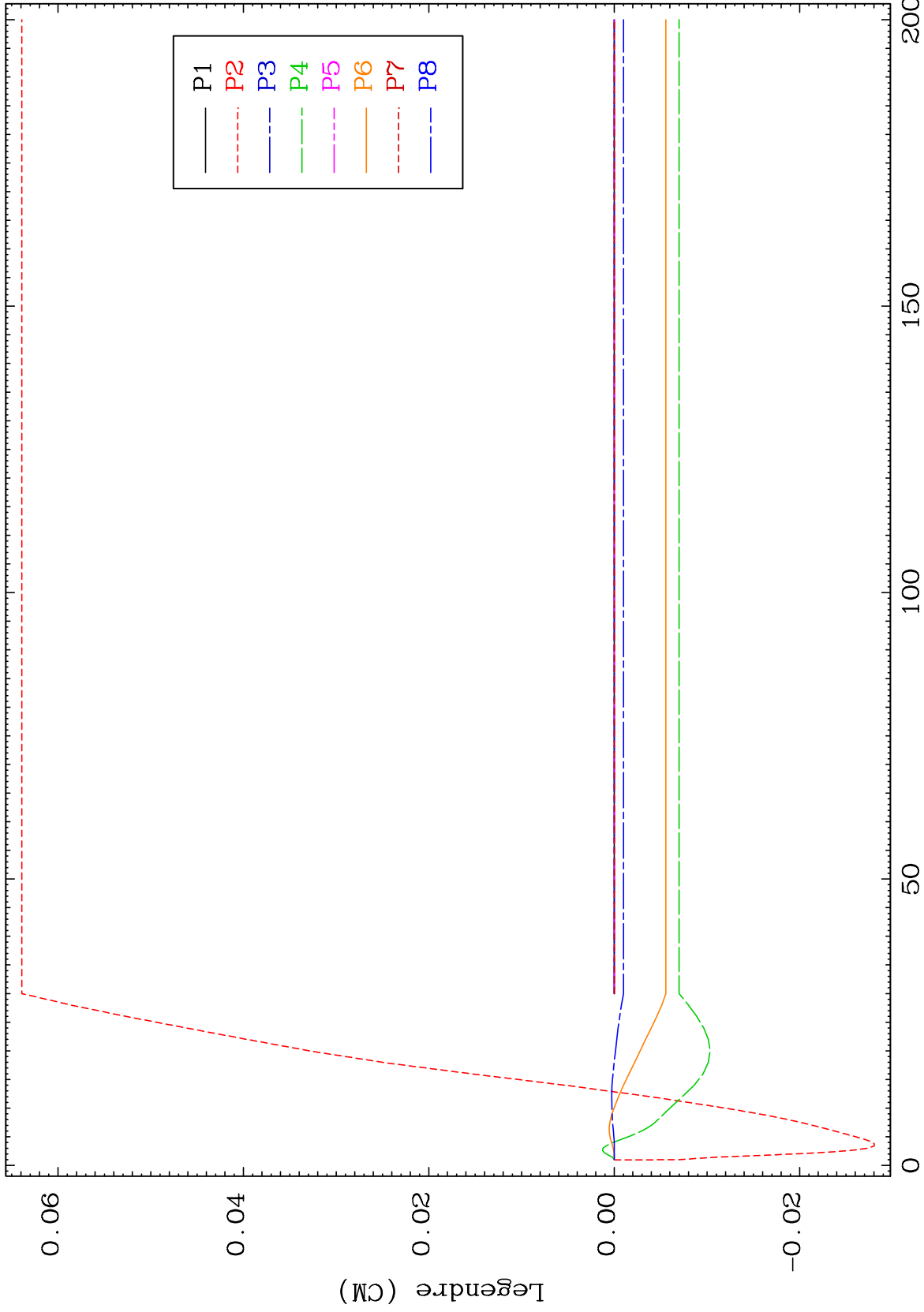




MAT 4319

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

43-Tc-97



68

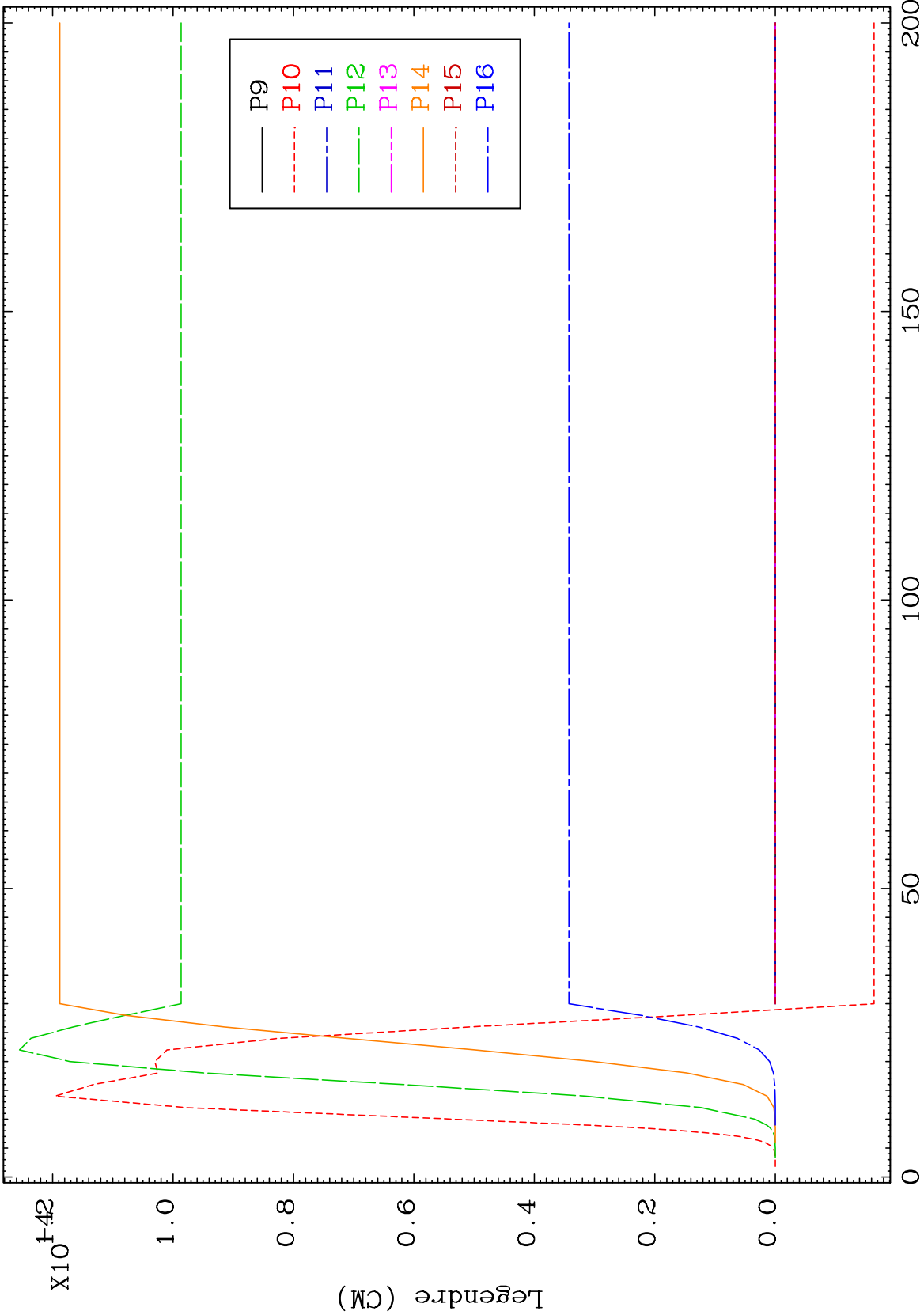
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

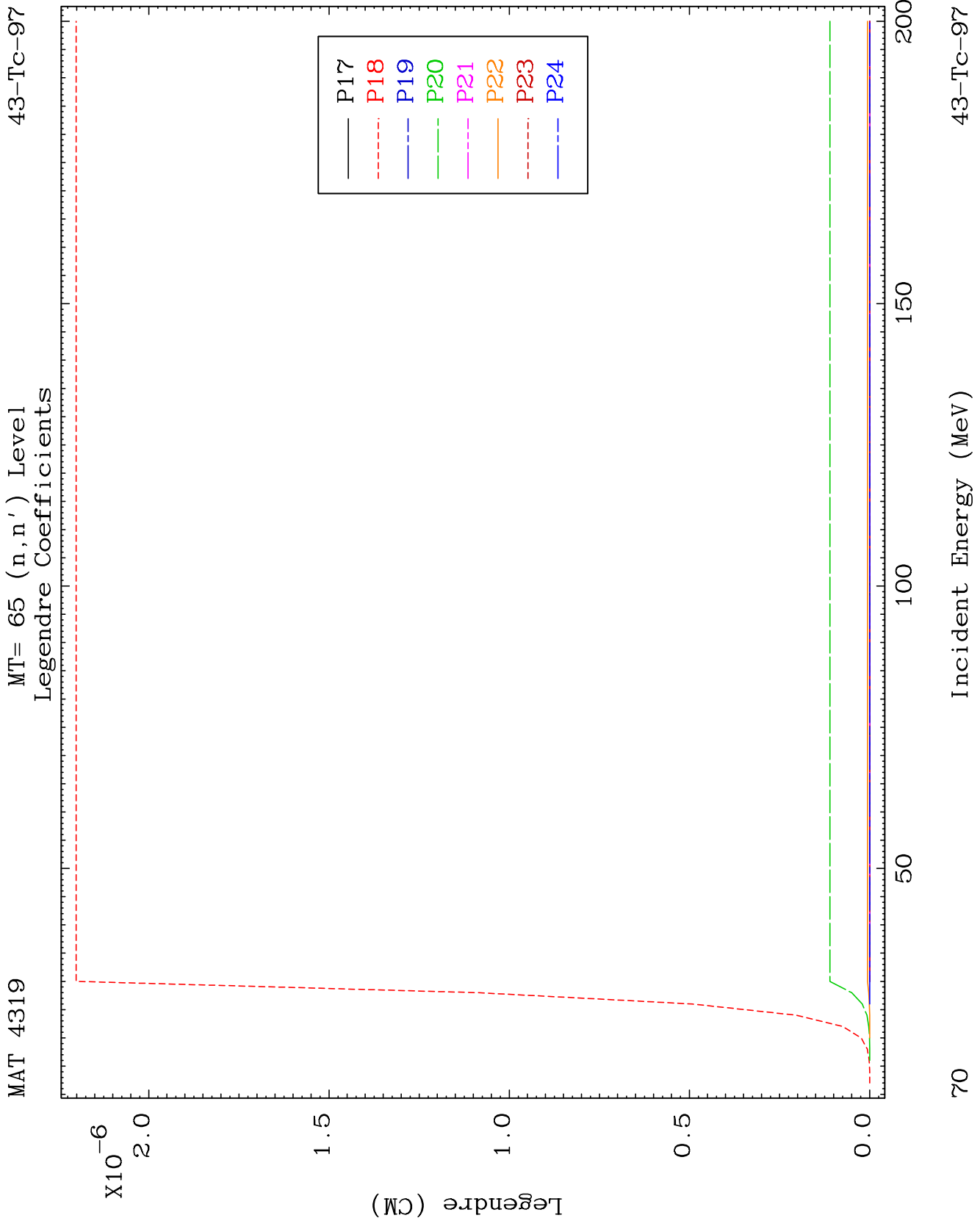
43-Tc-97



69

Incident Energy (MeV)

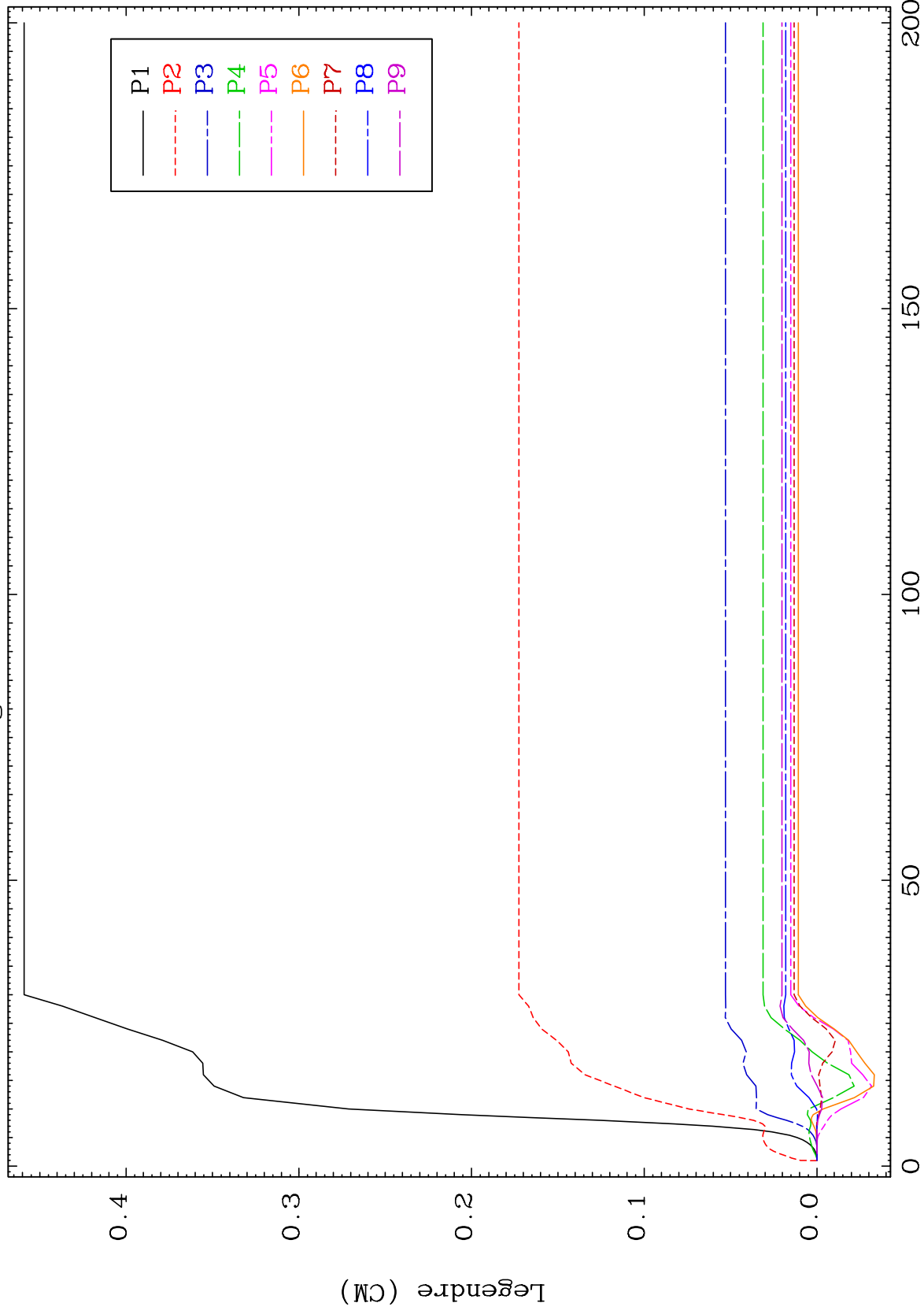
43-Tc-97



MAT 4319

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

43-Tc-97



71

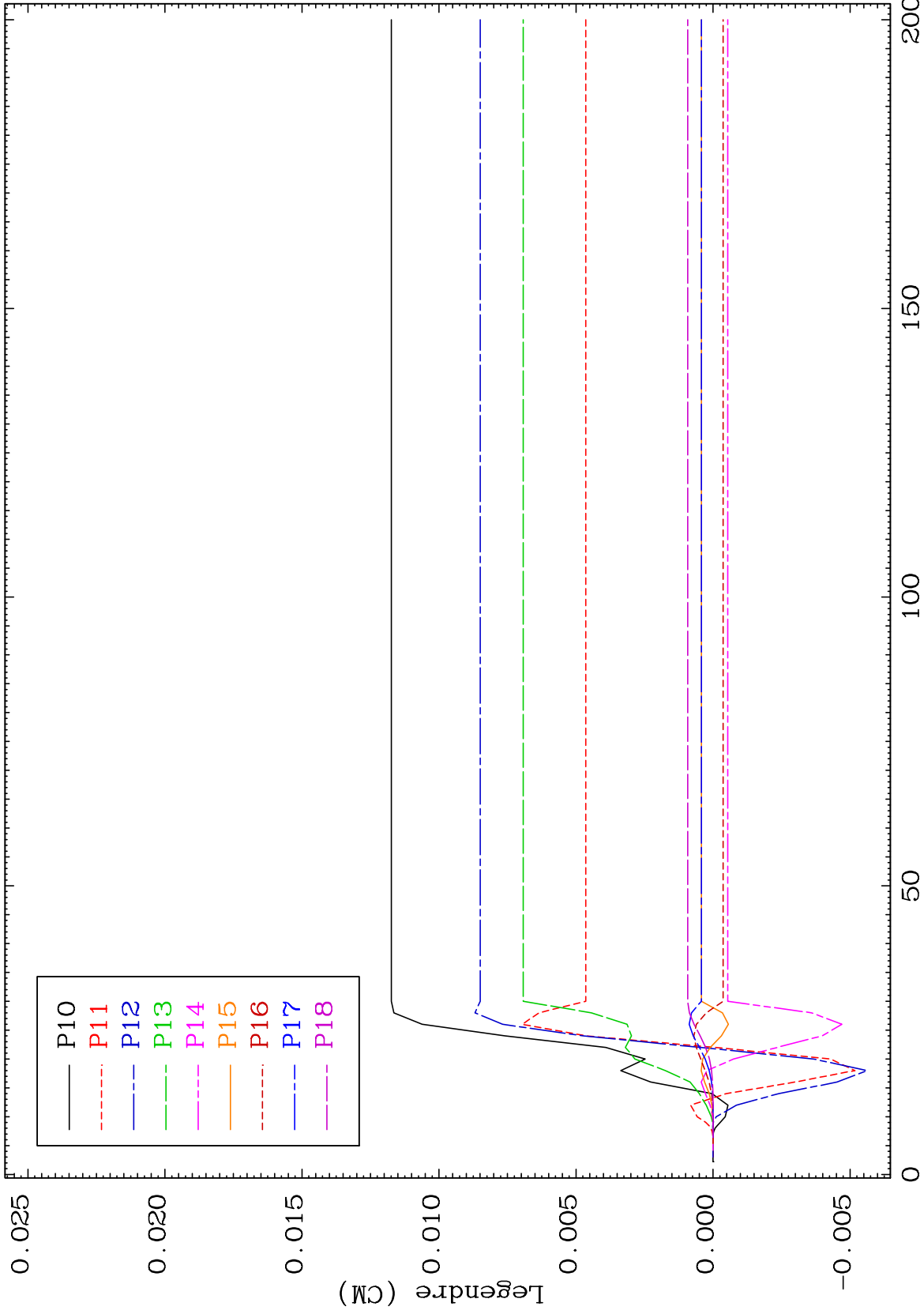
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



72

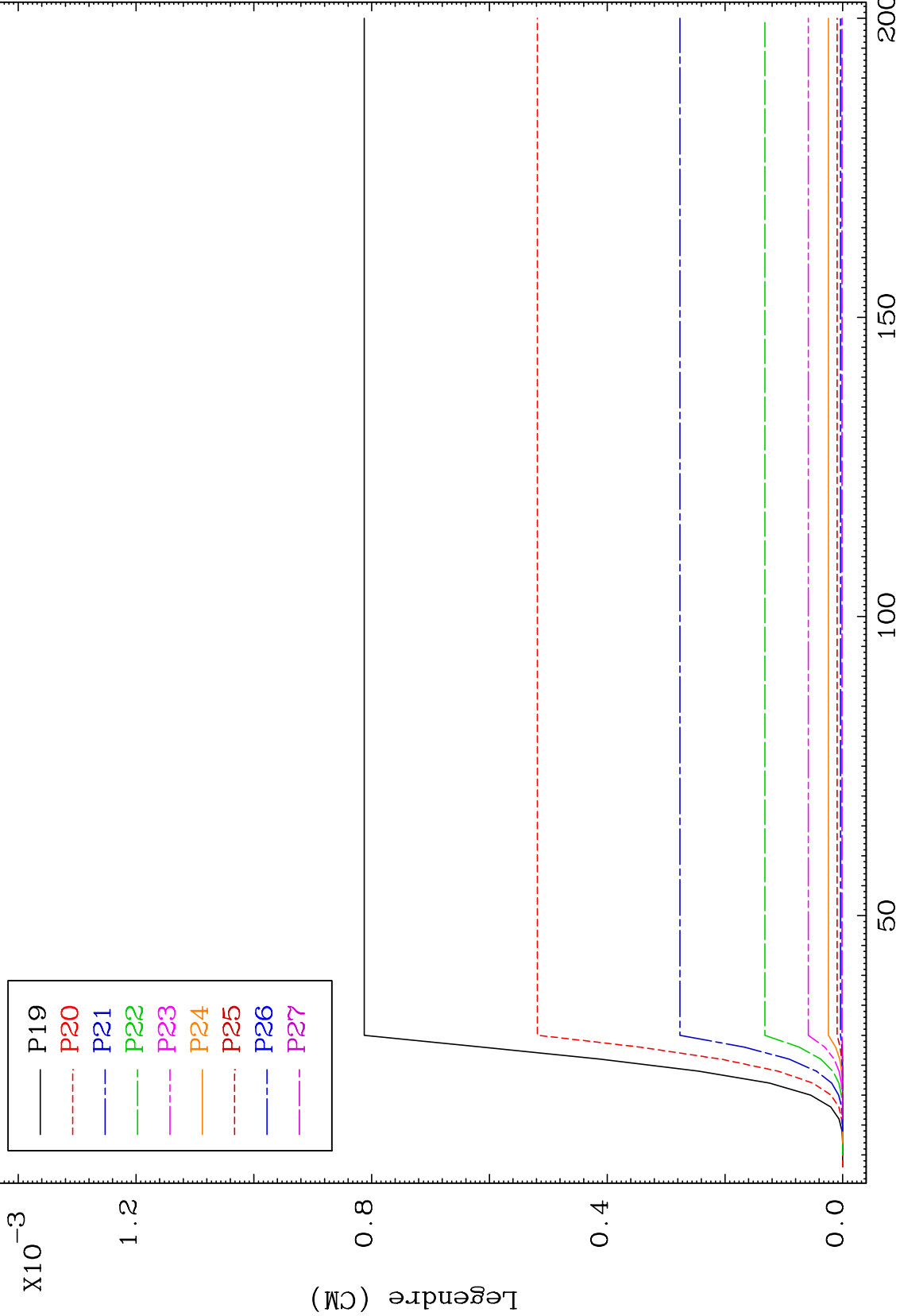
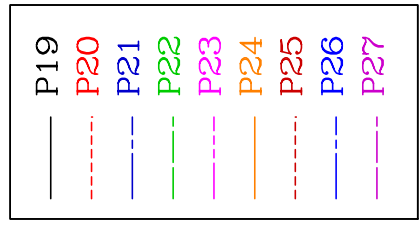
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



73

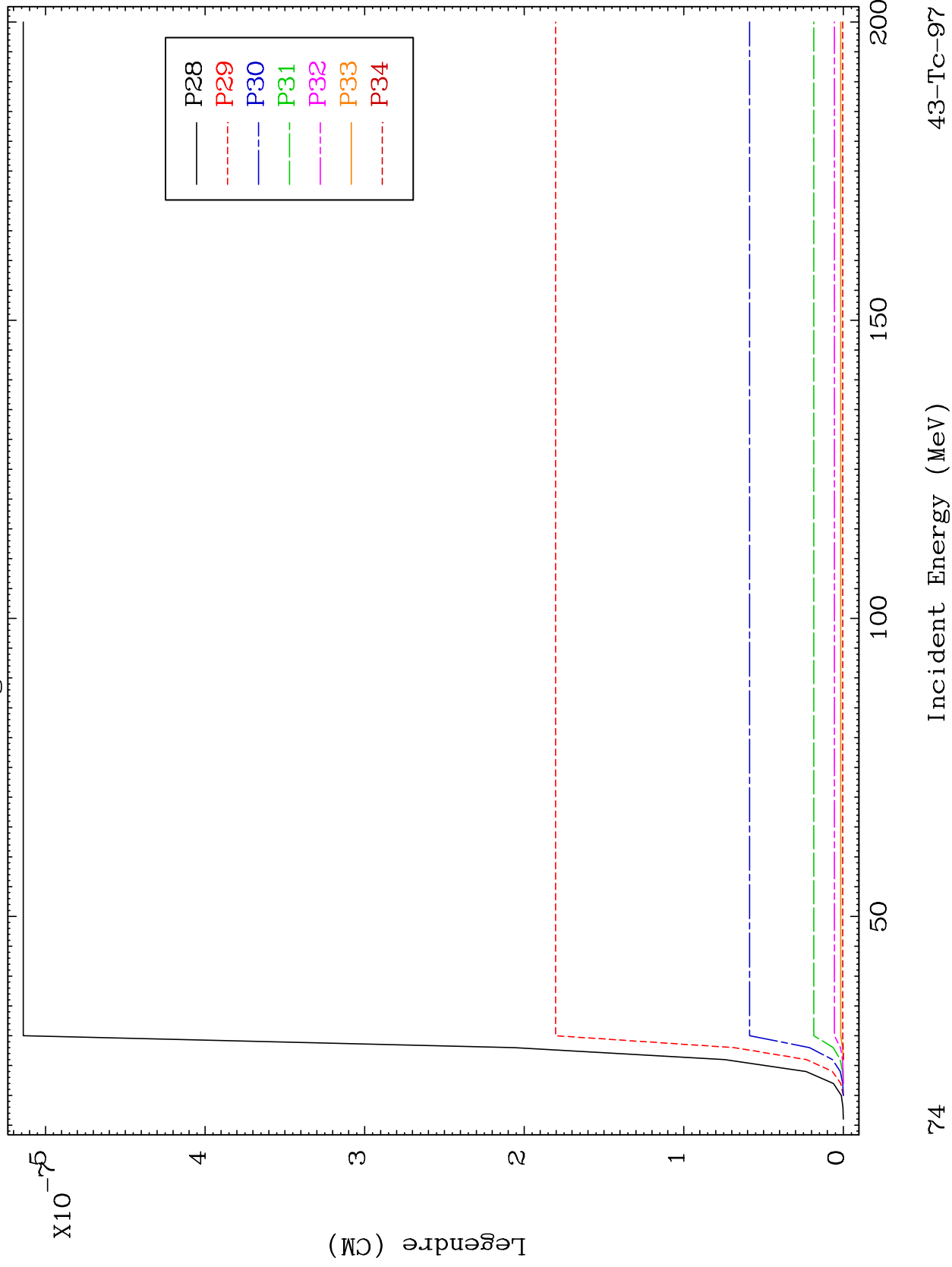
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

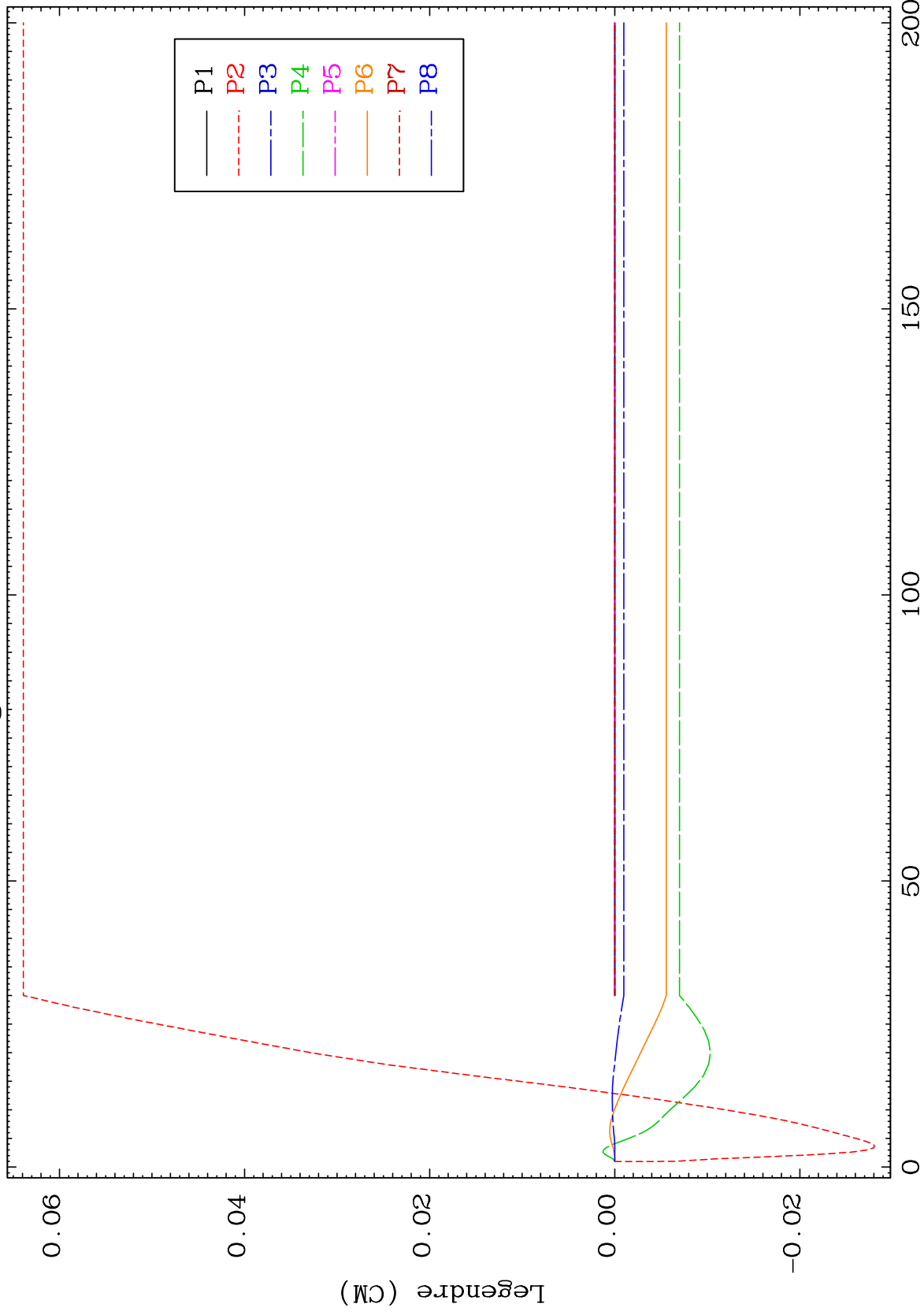
43-Tc-97



MAT 4319

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

43-Tc-97



75

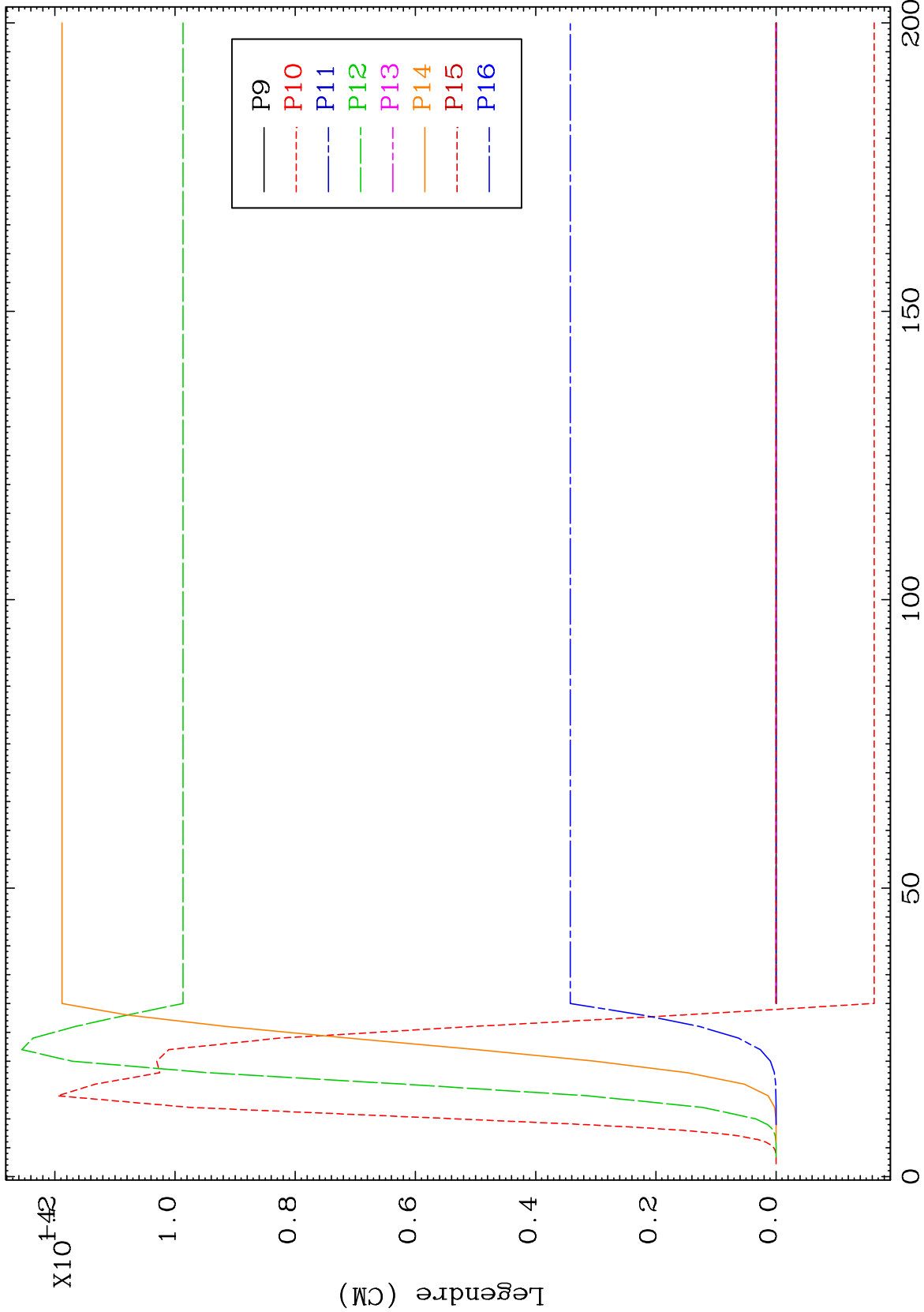
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

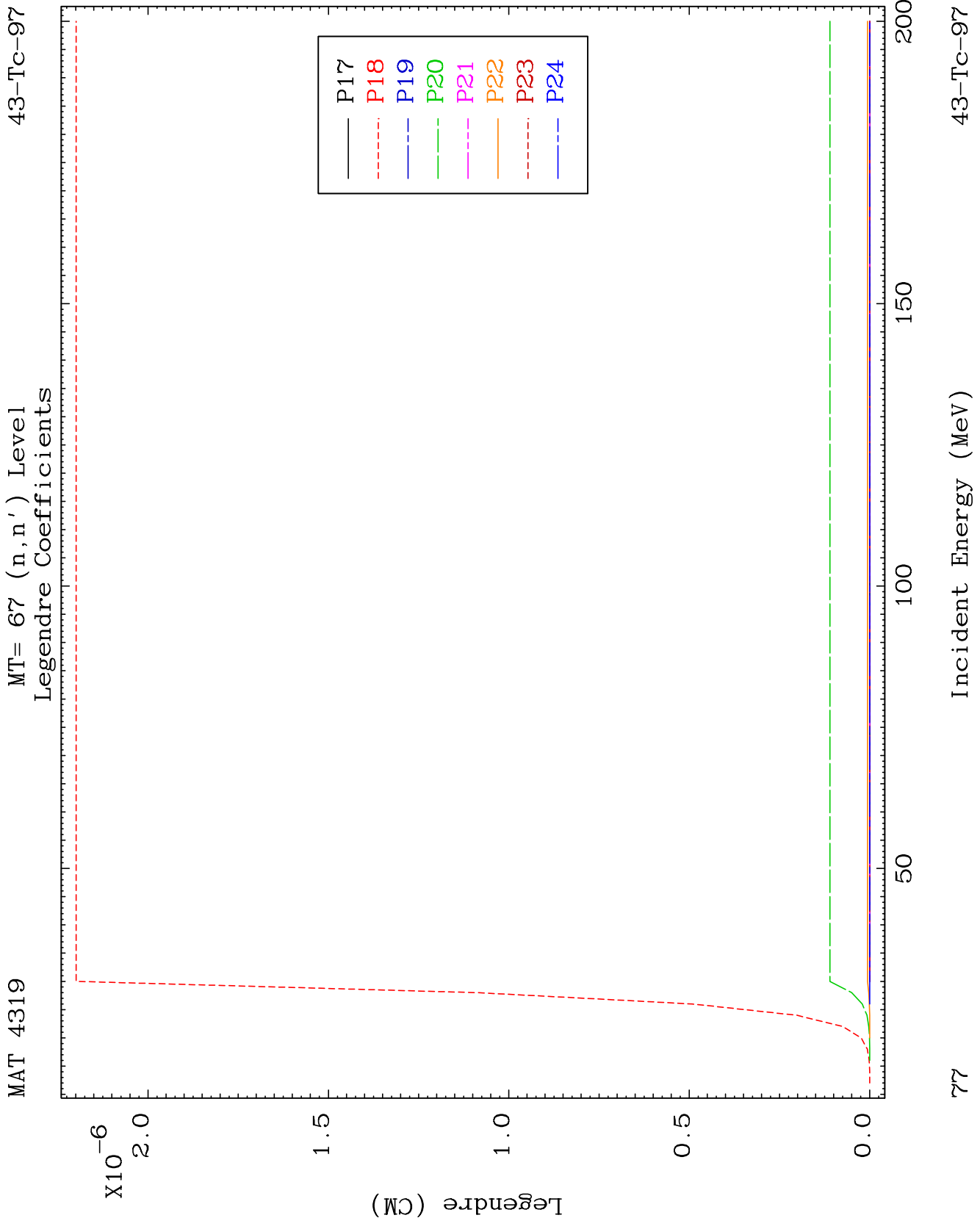
43-Tc-97

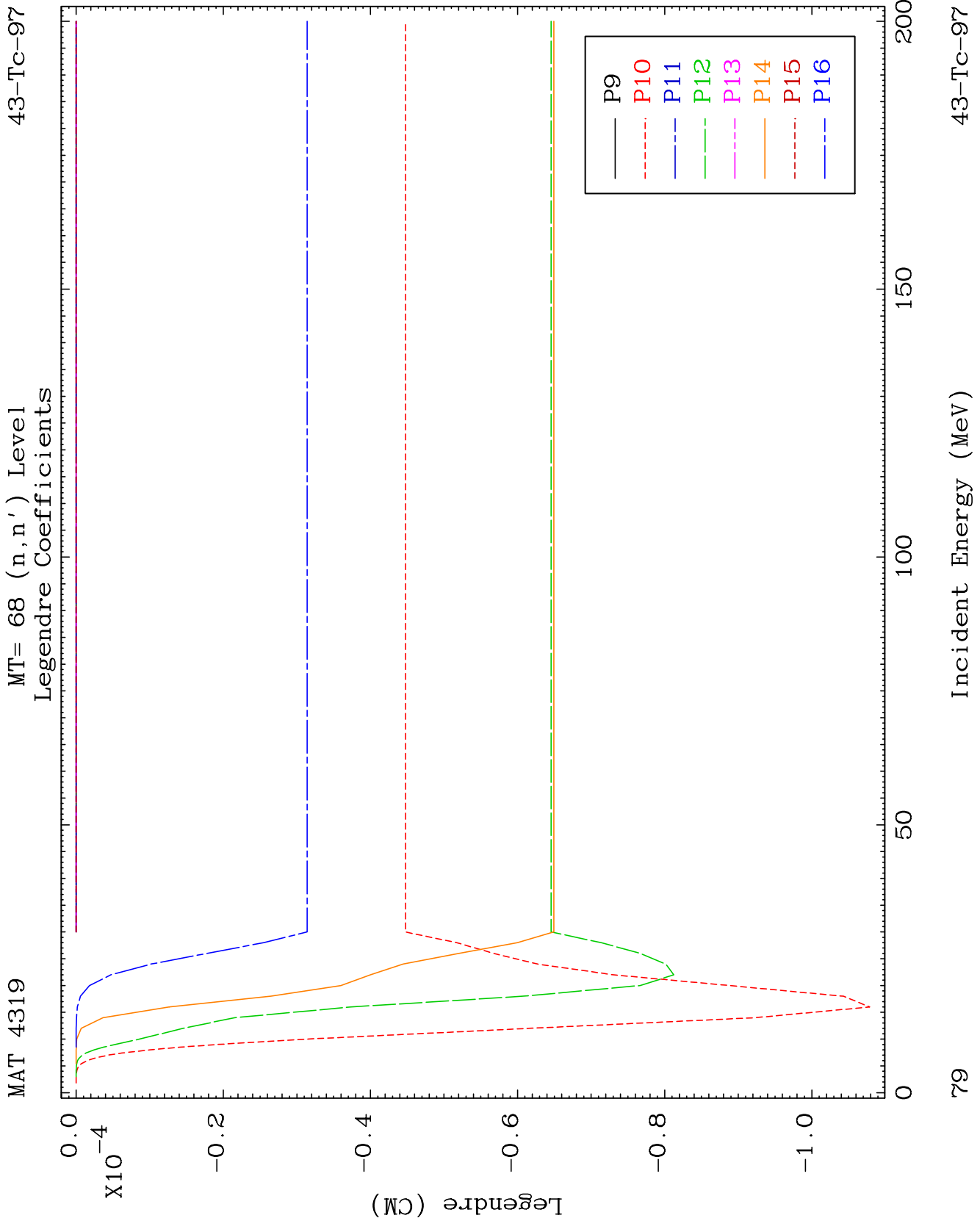


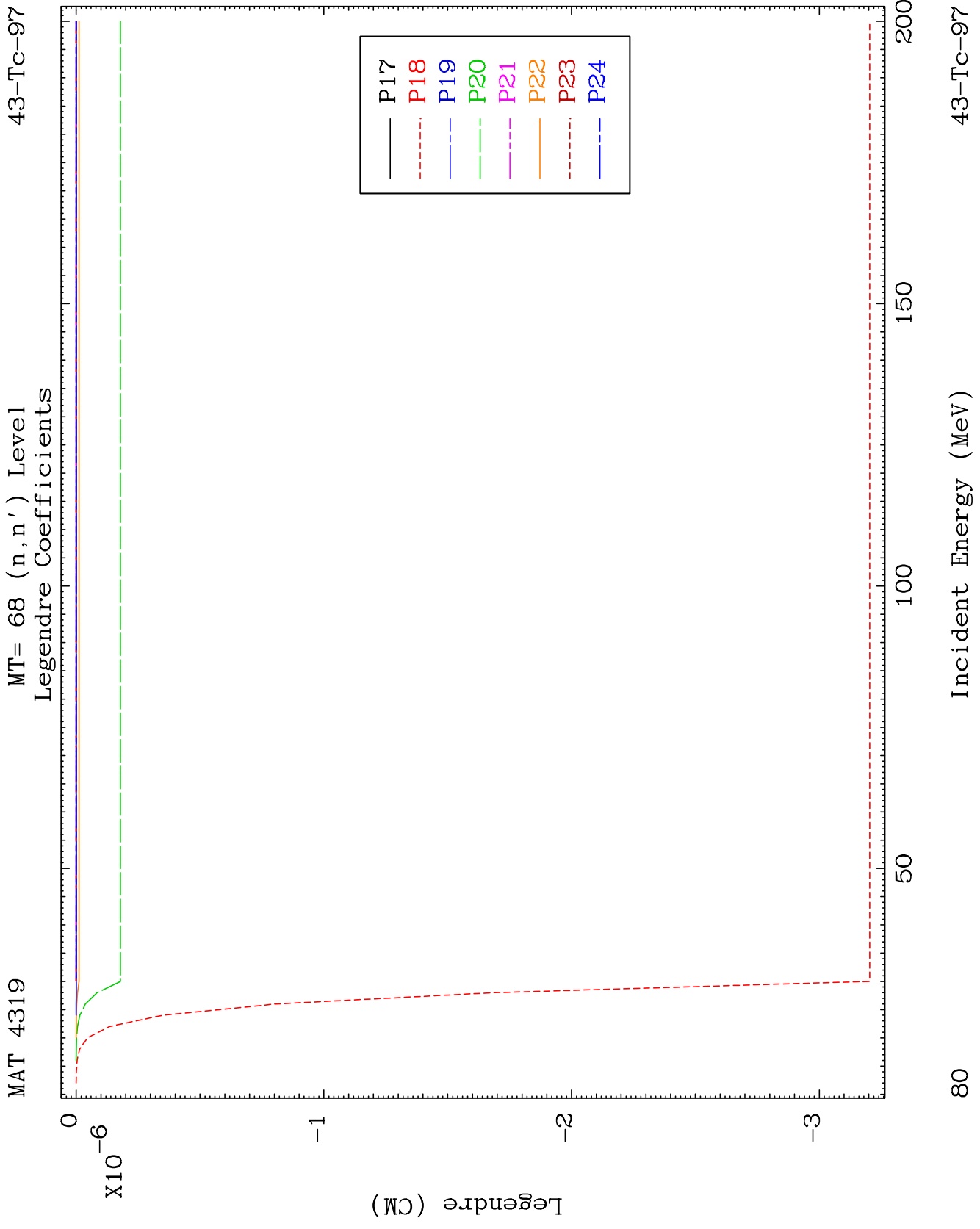
76

Incident Energy (MeV)

43-Tc-97



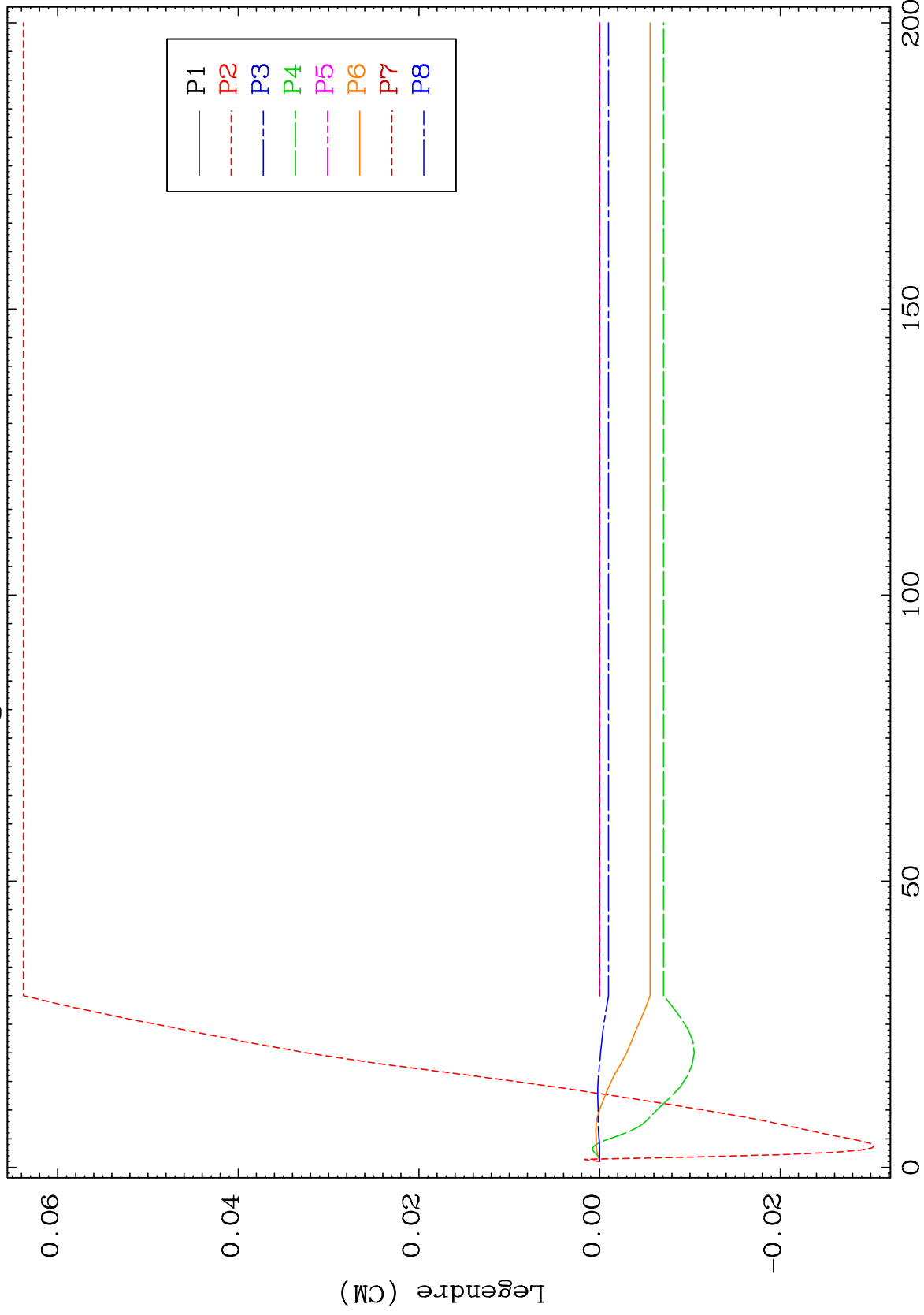




MAT 4319

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

43-Tc-97



81

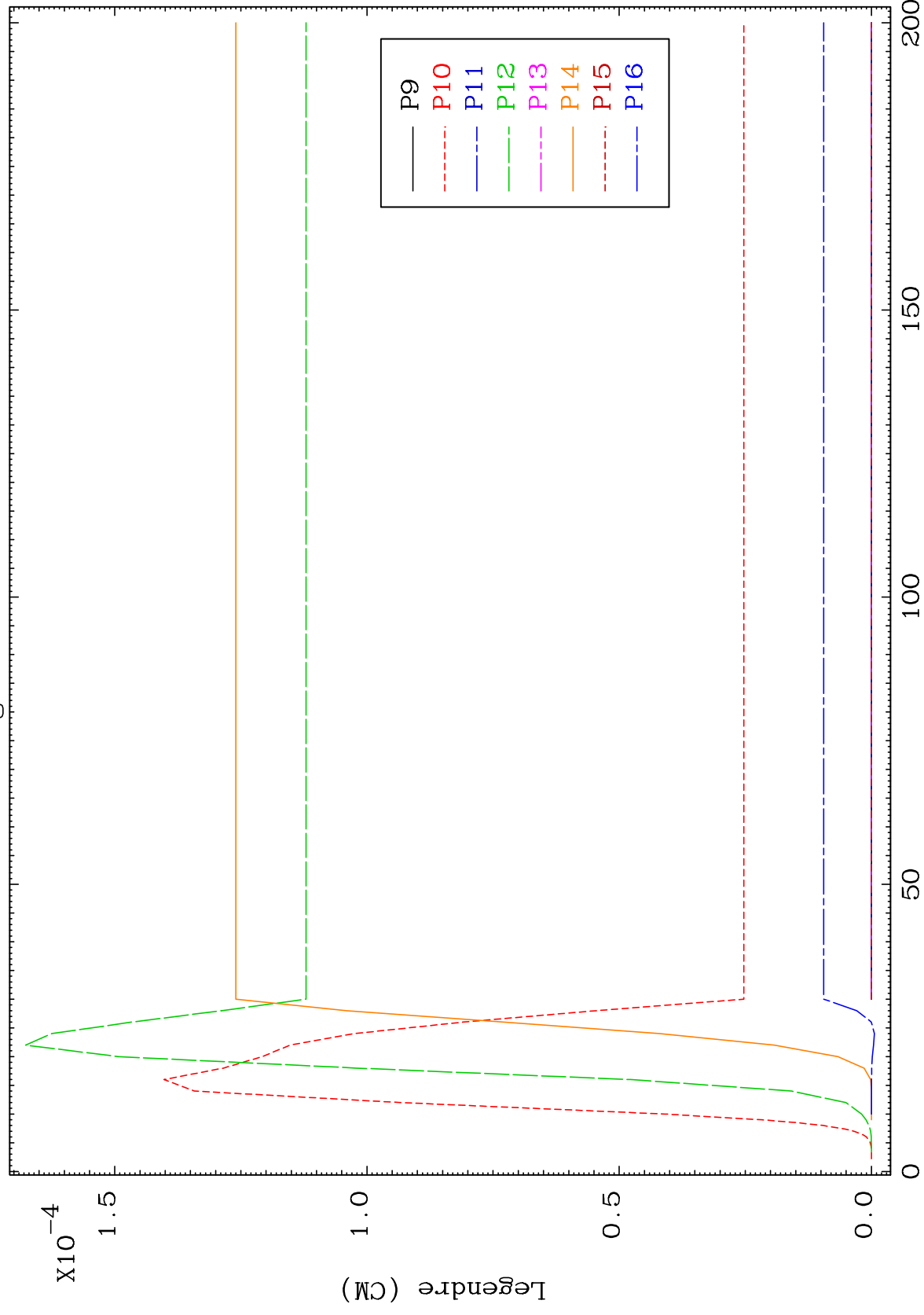
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

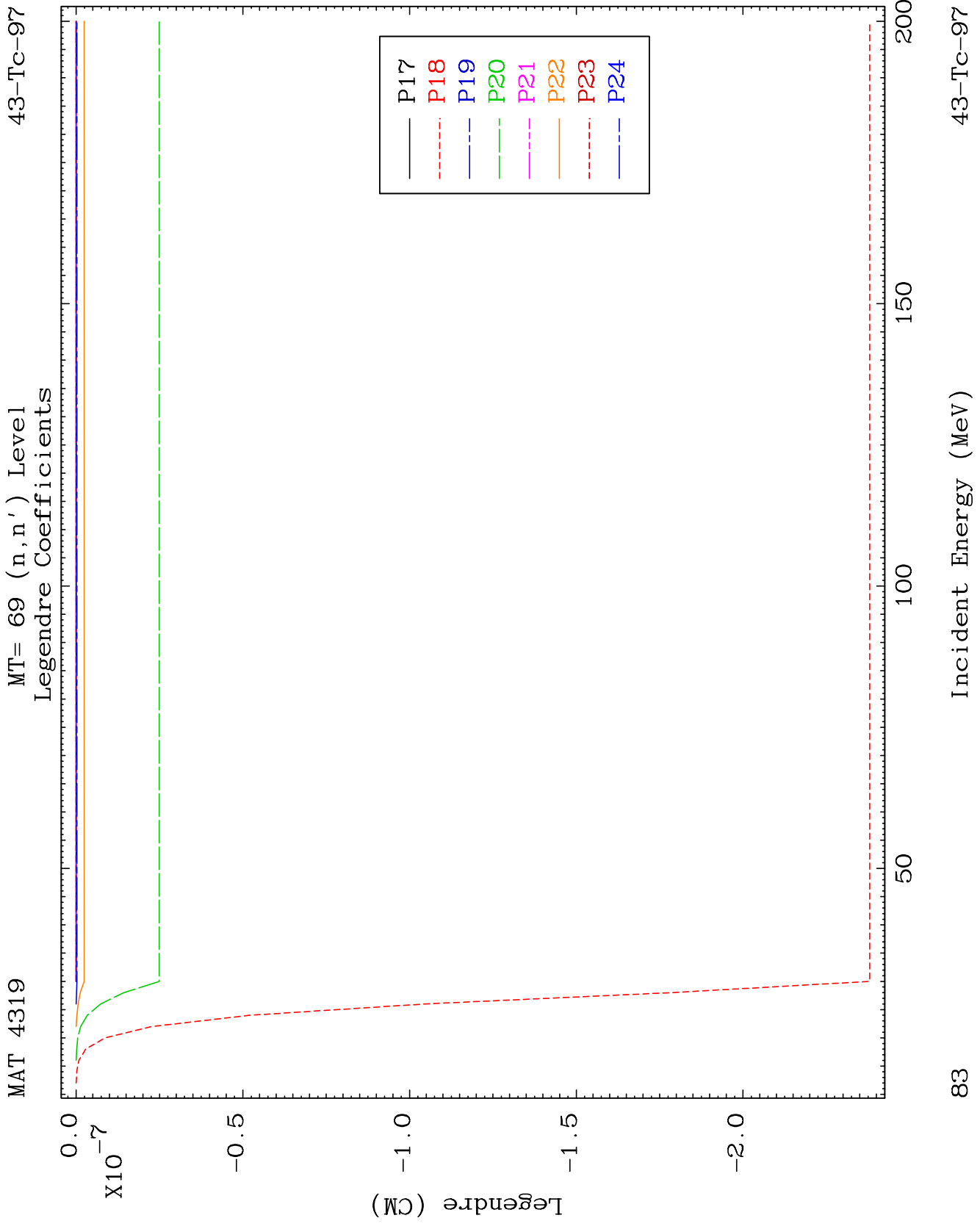
43-Tc-97



82

Incident Energy (MeV)

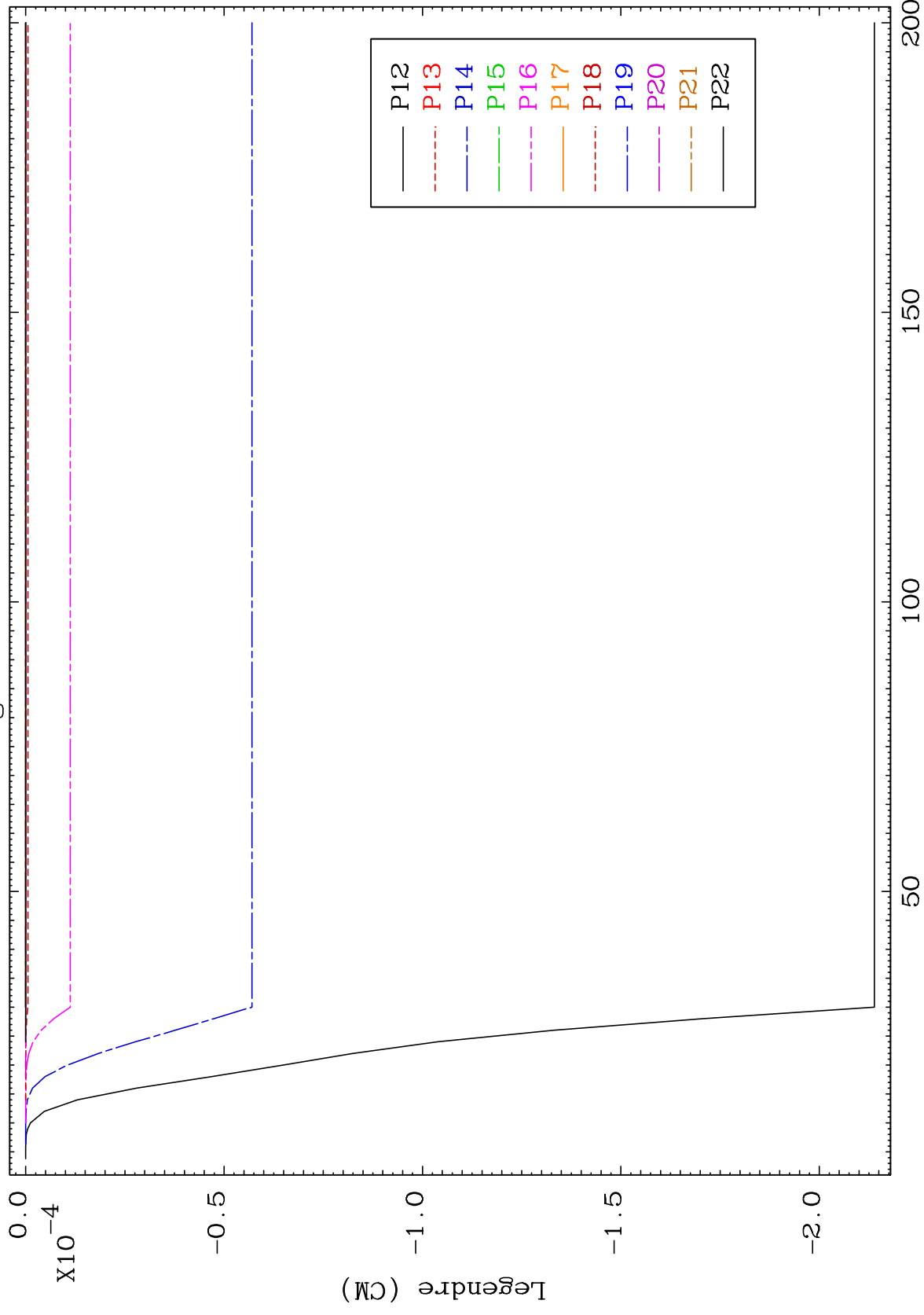
43-Tc-97



MAT 4319

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

43-Tc-97



85

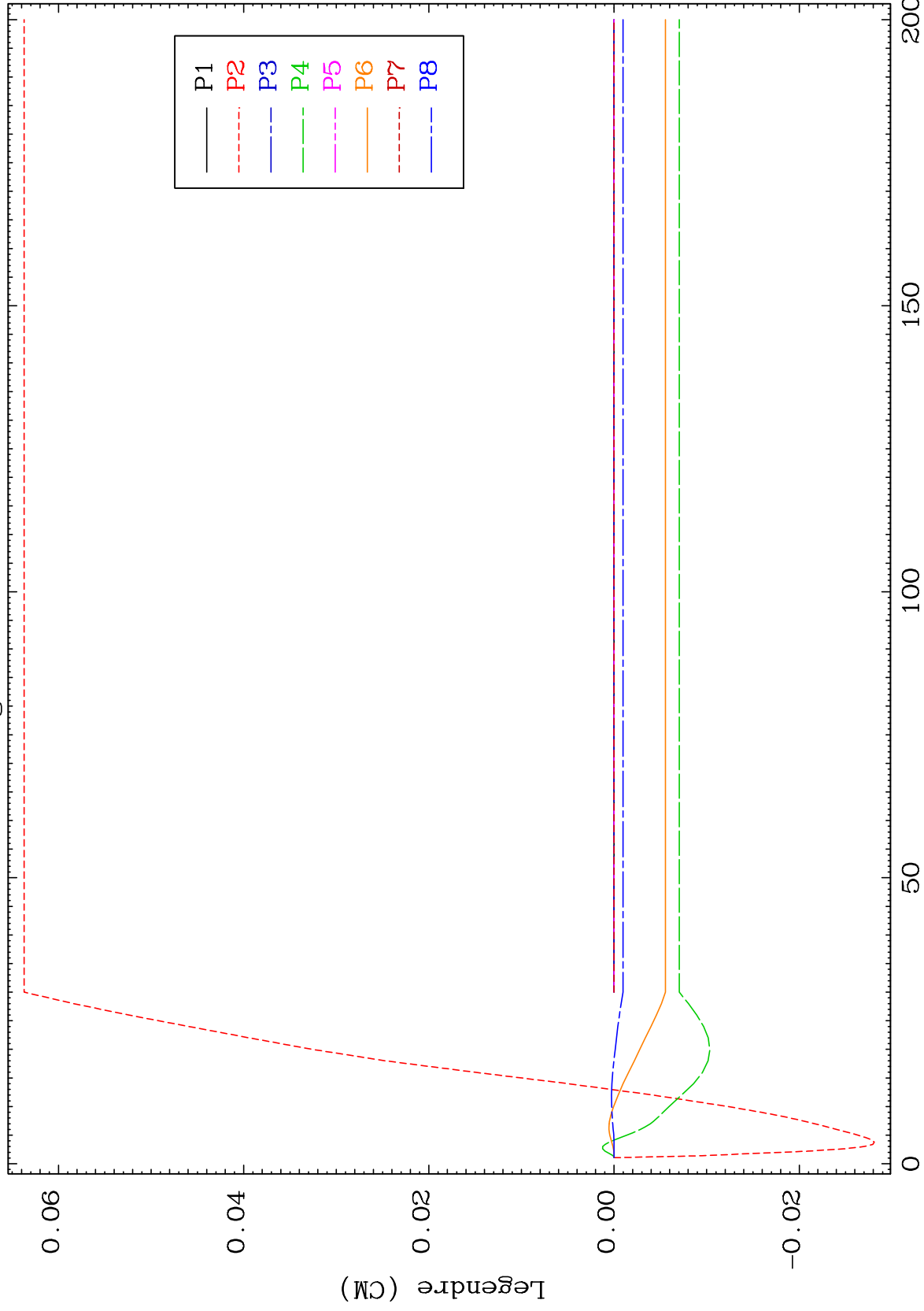
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



86

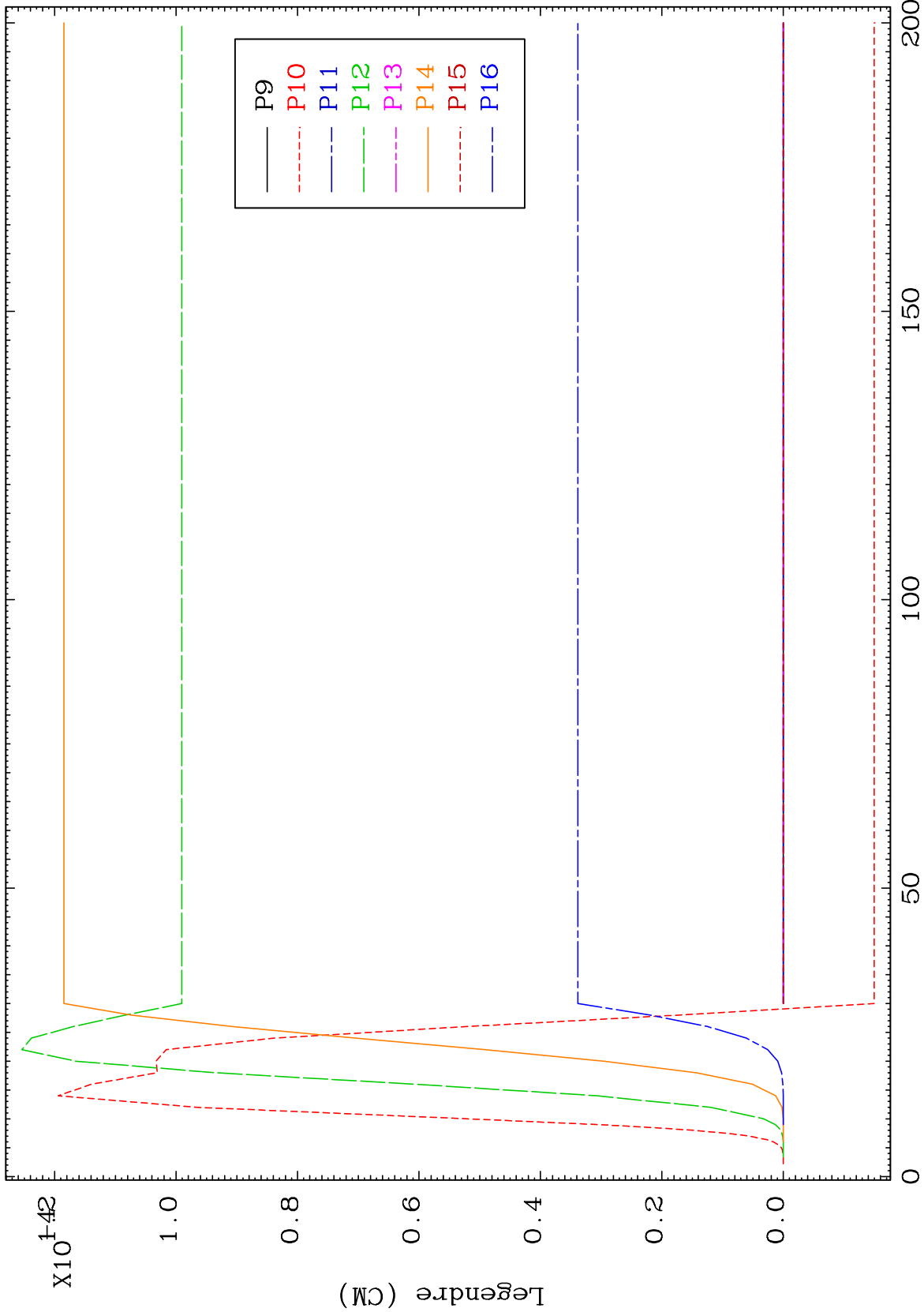
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

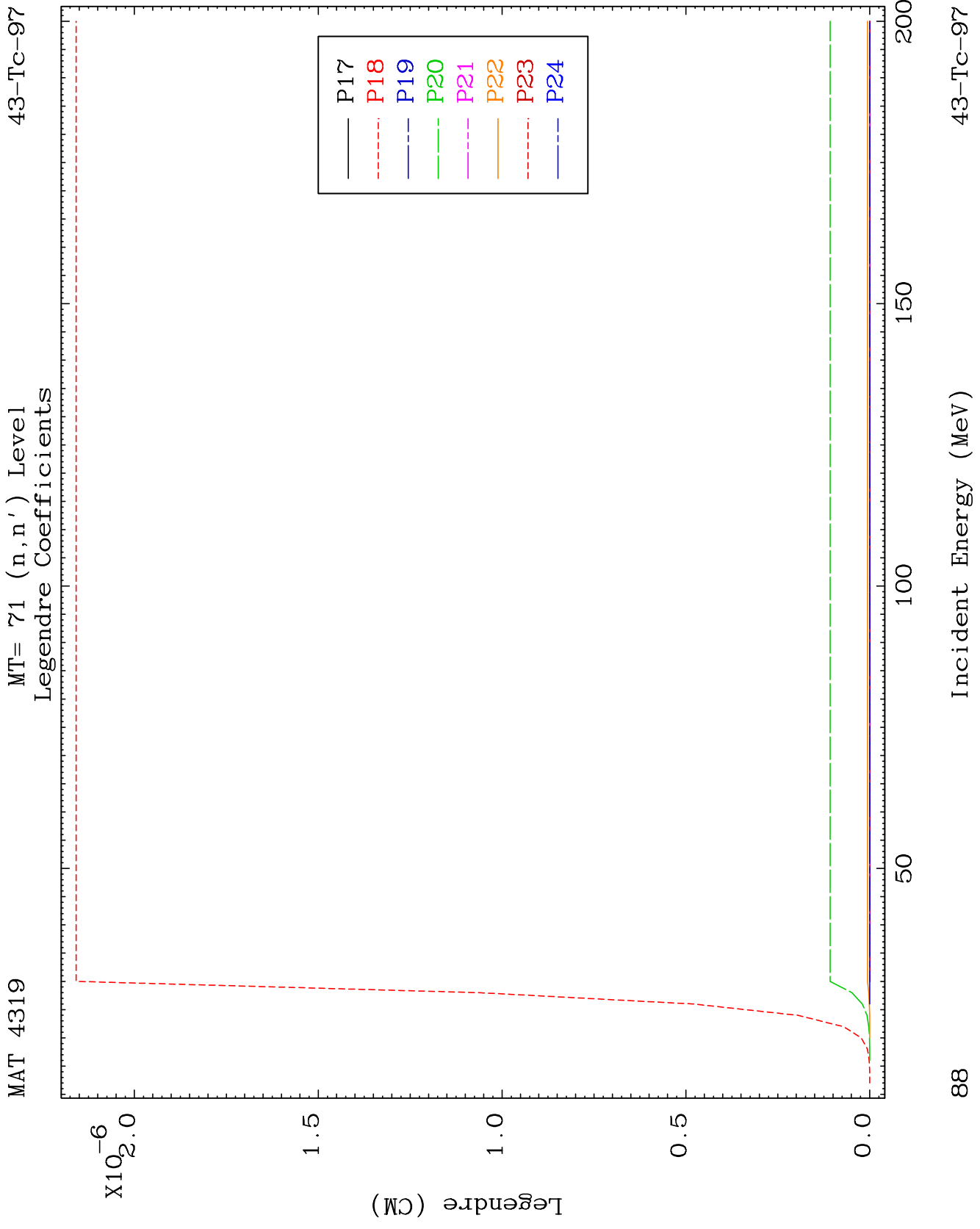
43-Tc-97

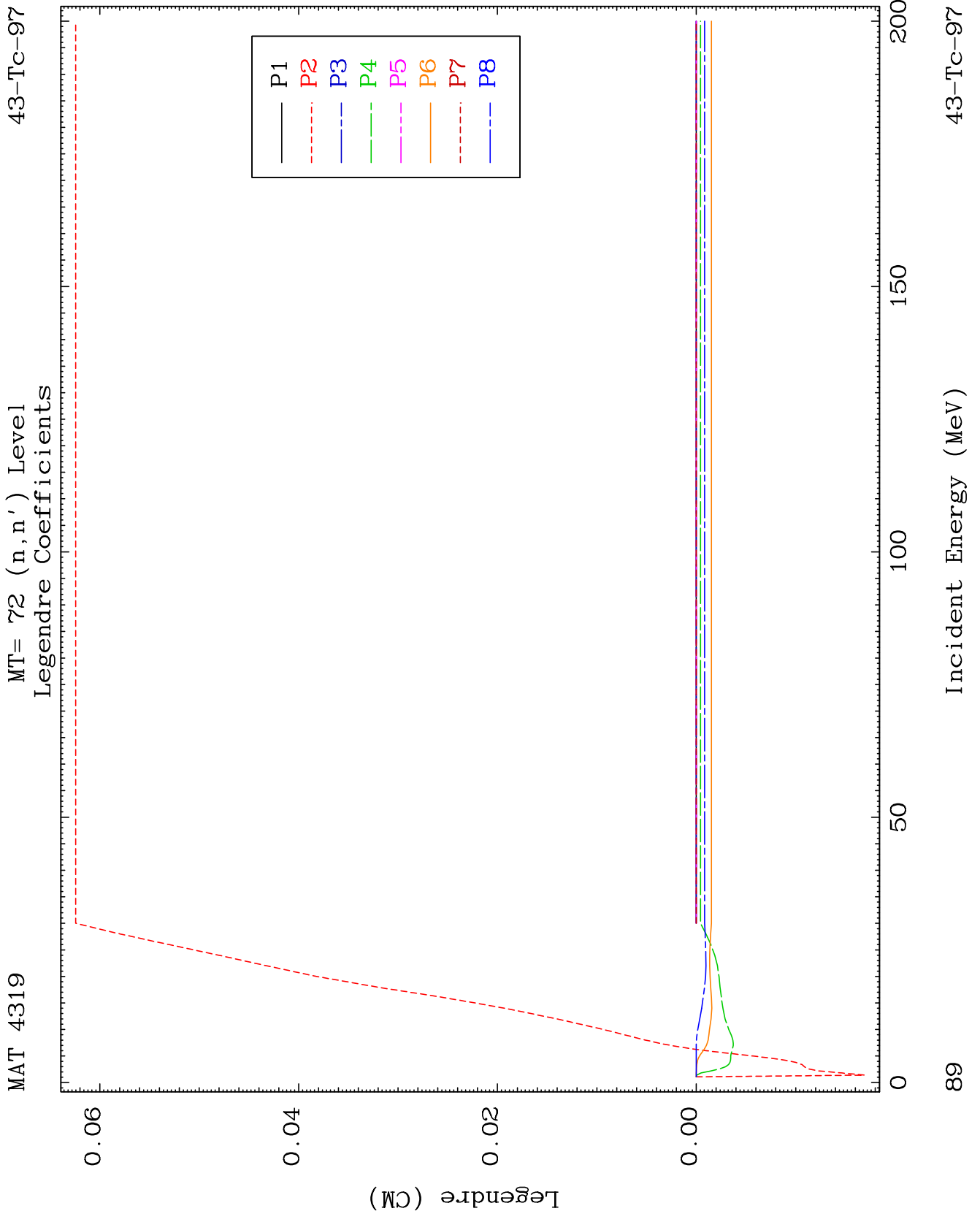


87

Incident Energy (MeV)

43-Tc-97



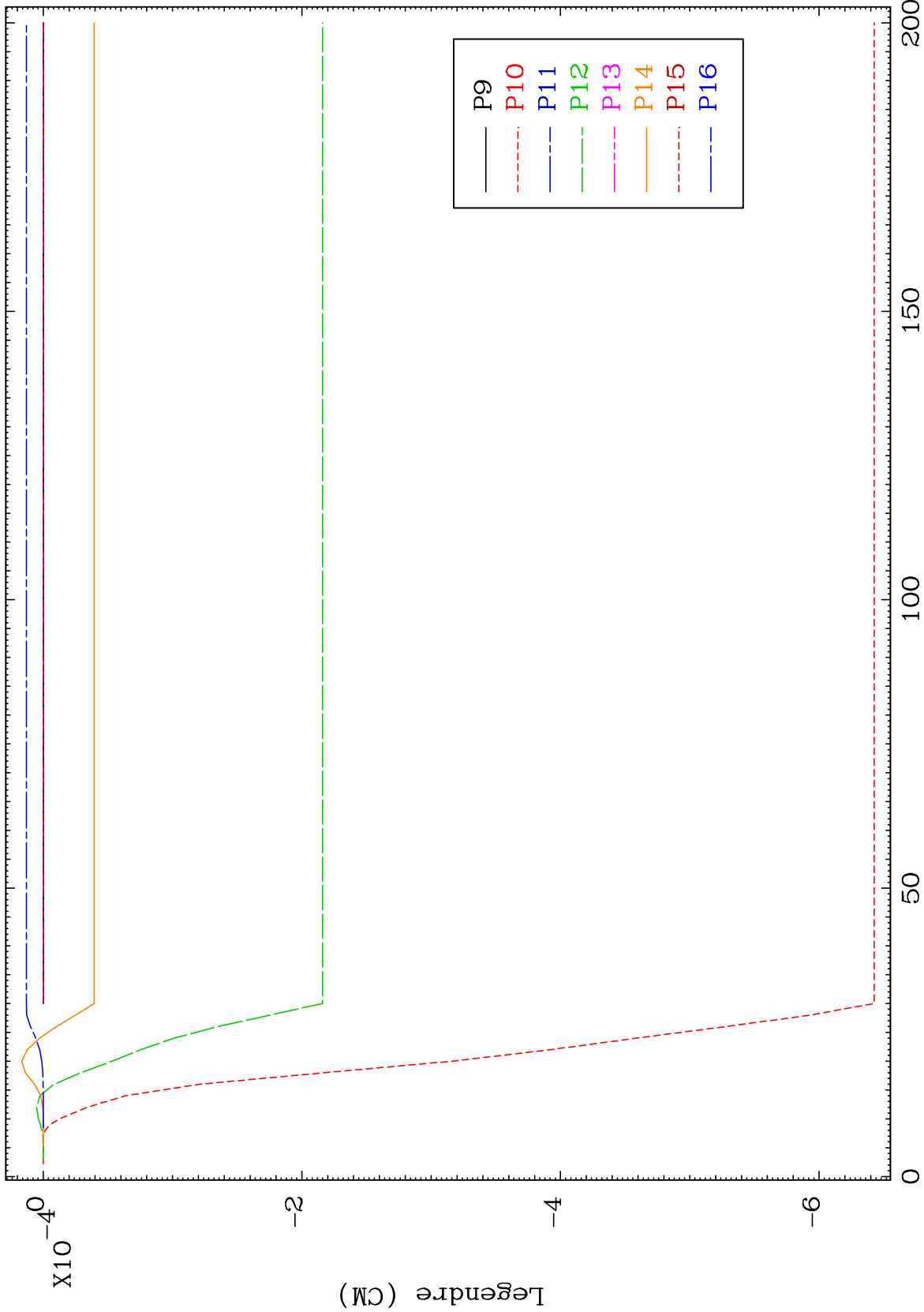


MAT 4319

MT= 72 (n,n') Level

43-Tc-97

Legendre Coefficients



90

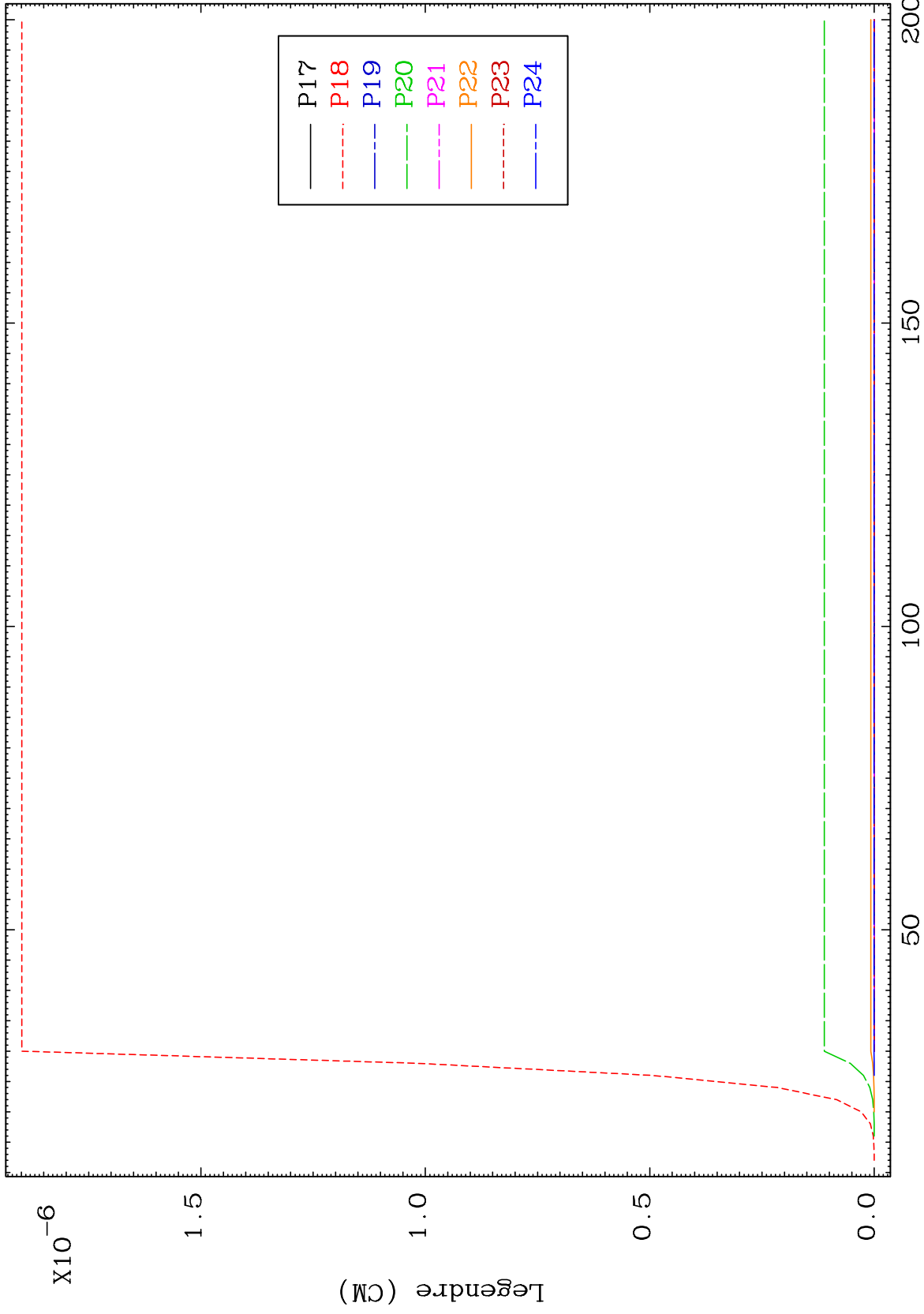
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



91

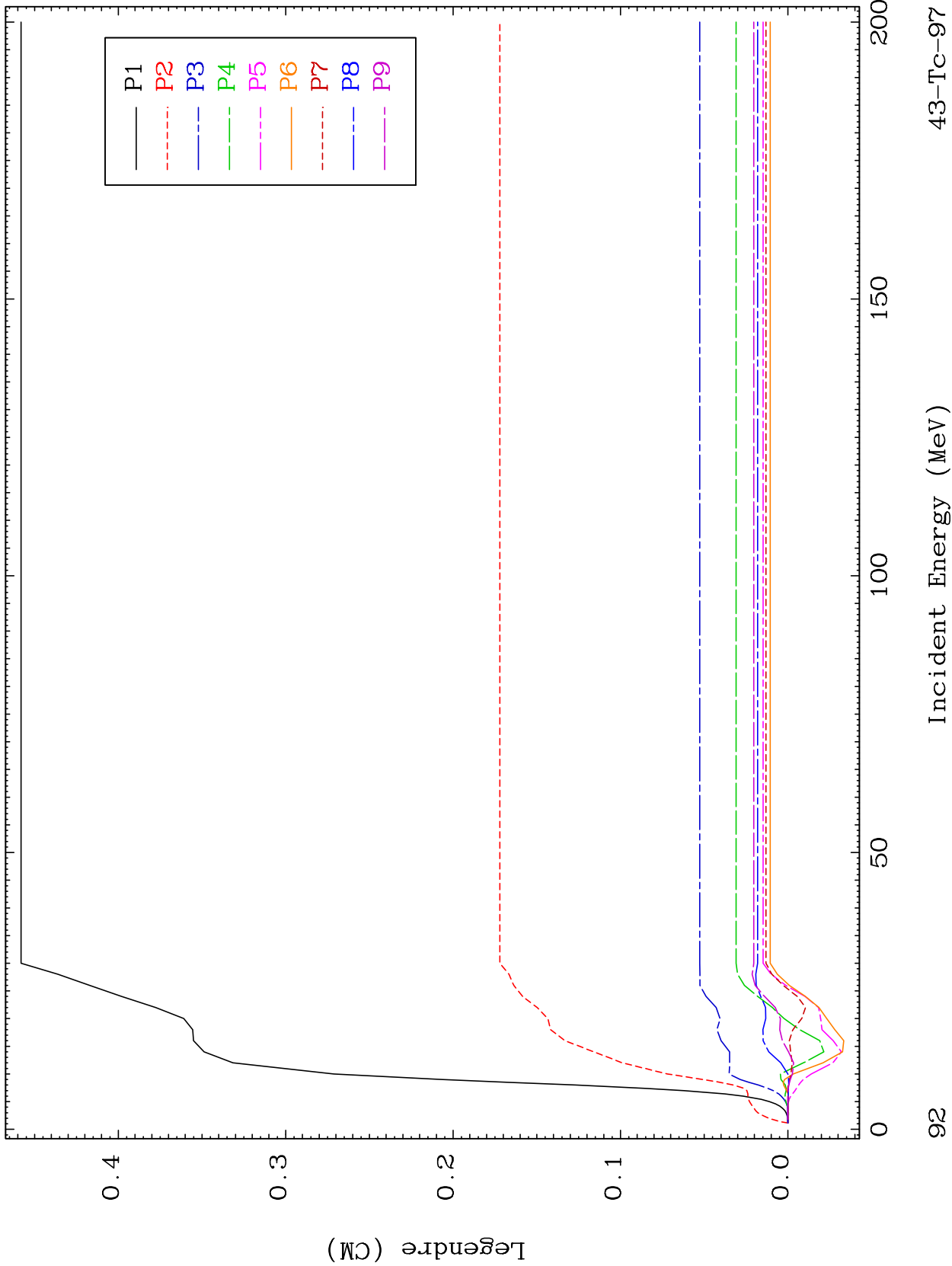
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



43-Tc-97

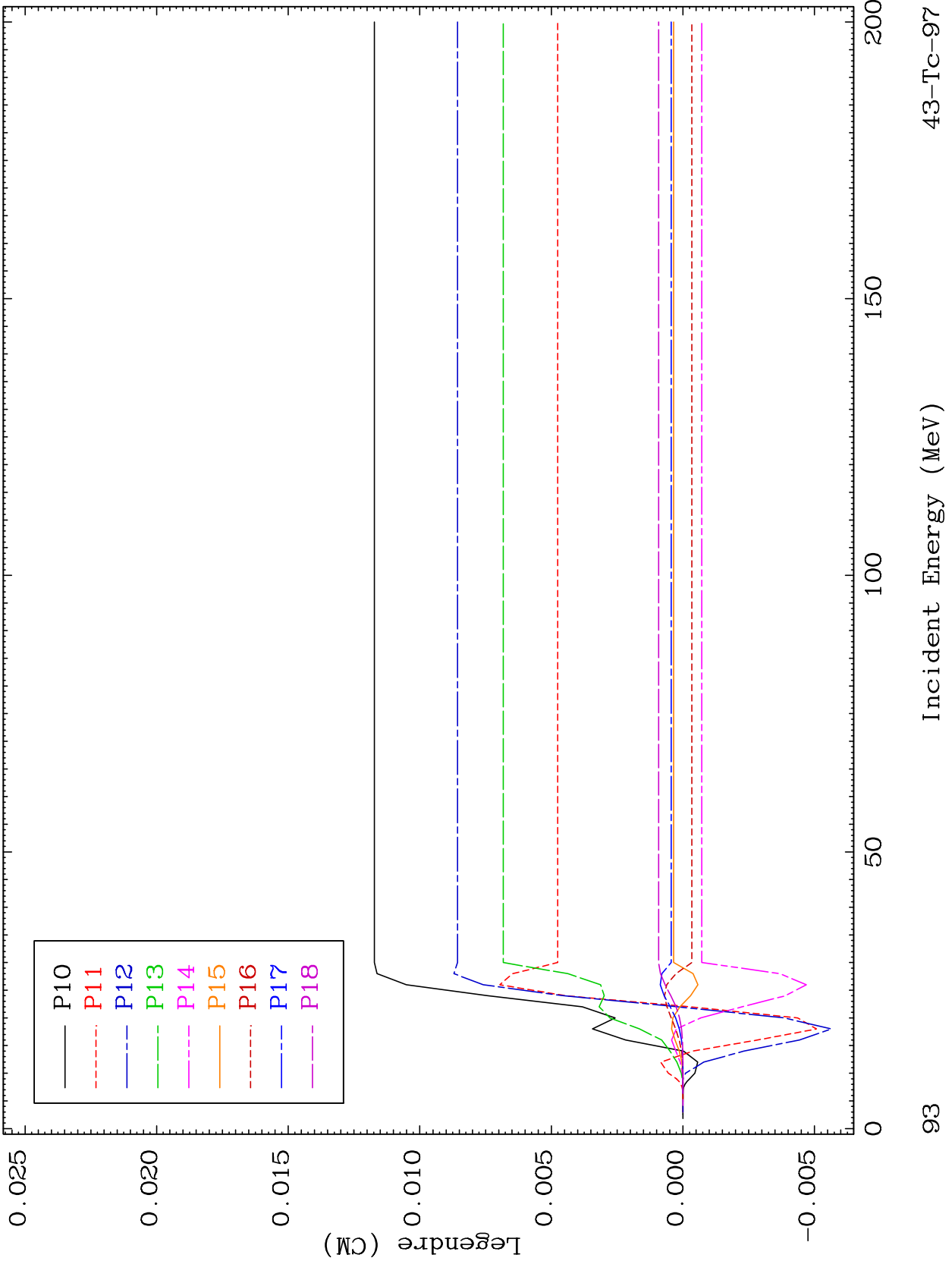
Incident Energy (MeV)

92

MAT 4319

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

43-Tc-97

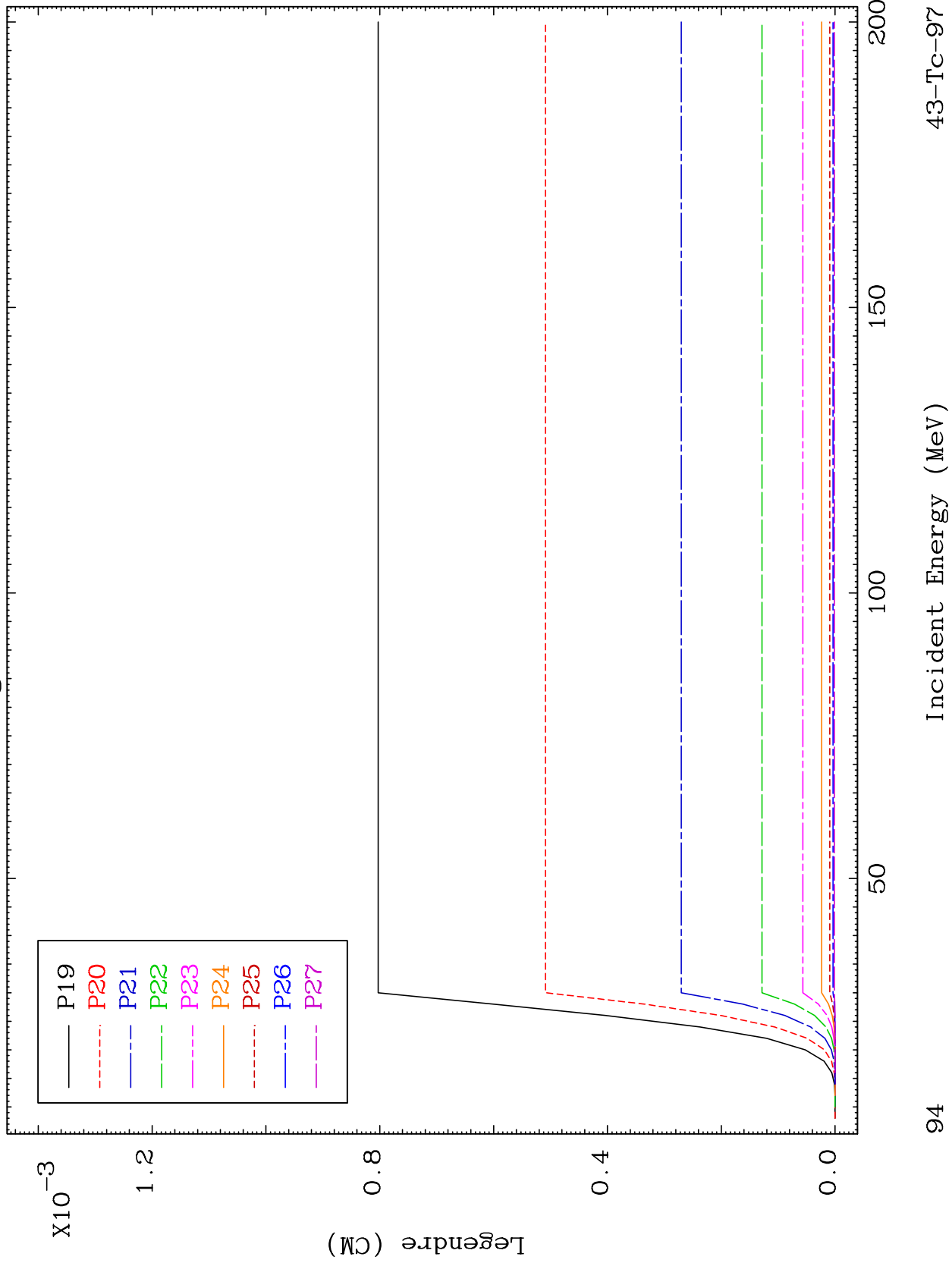


43-Tc-97

MAT 4319

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

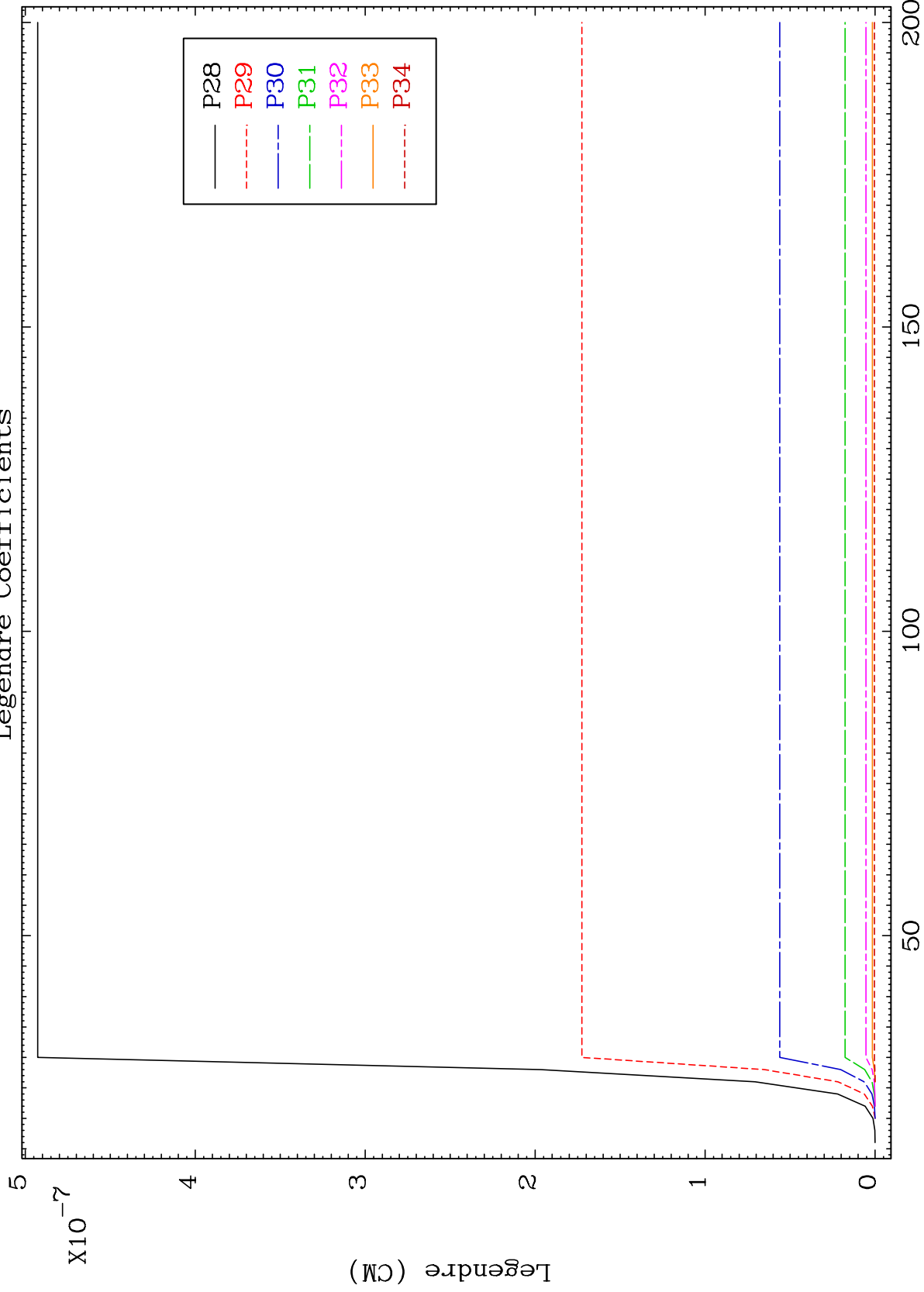
43-Tc-97



MAT 4319

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

43-Tc-97



95

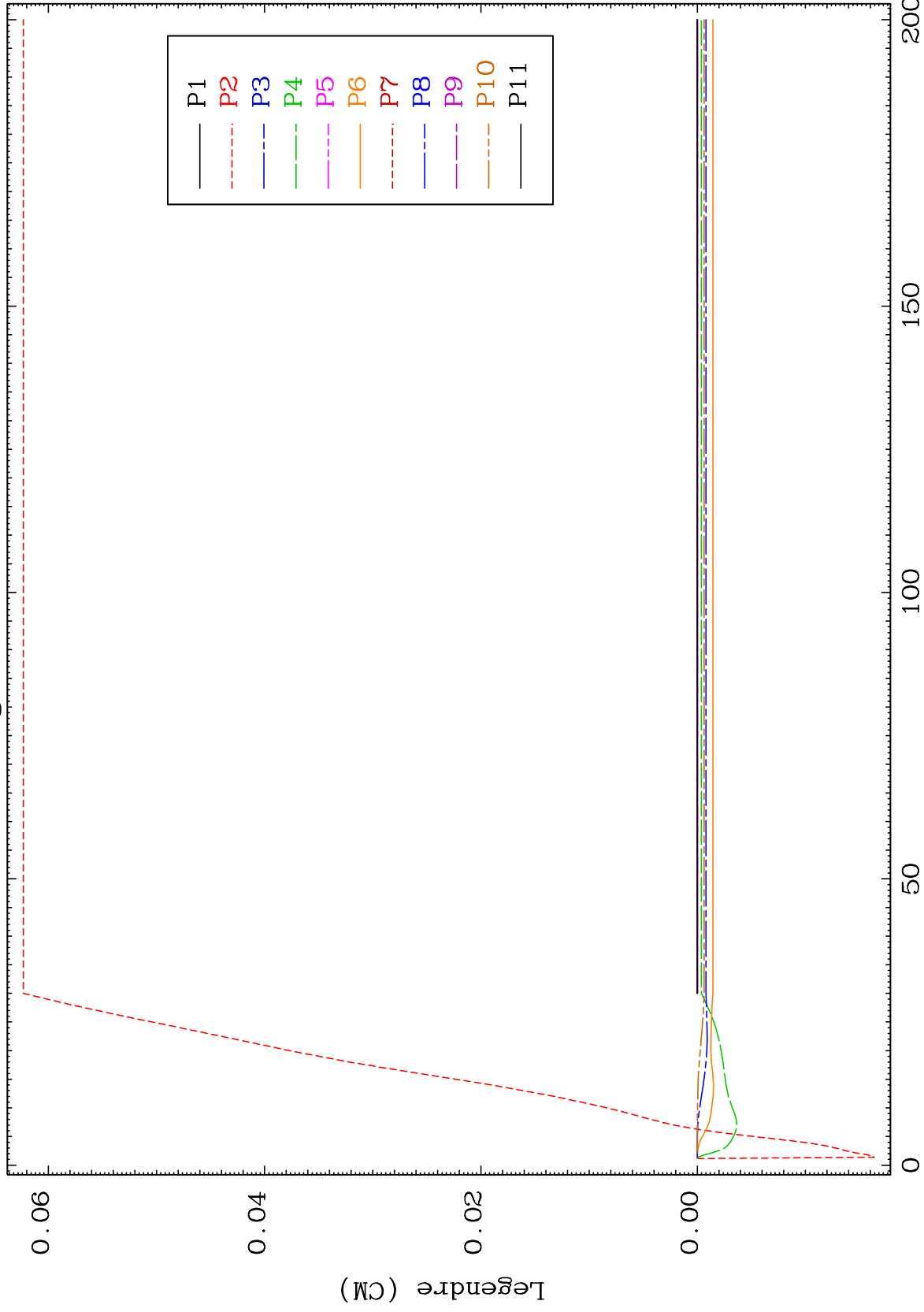
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



96

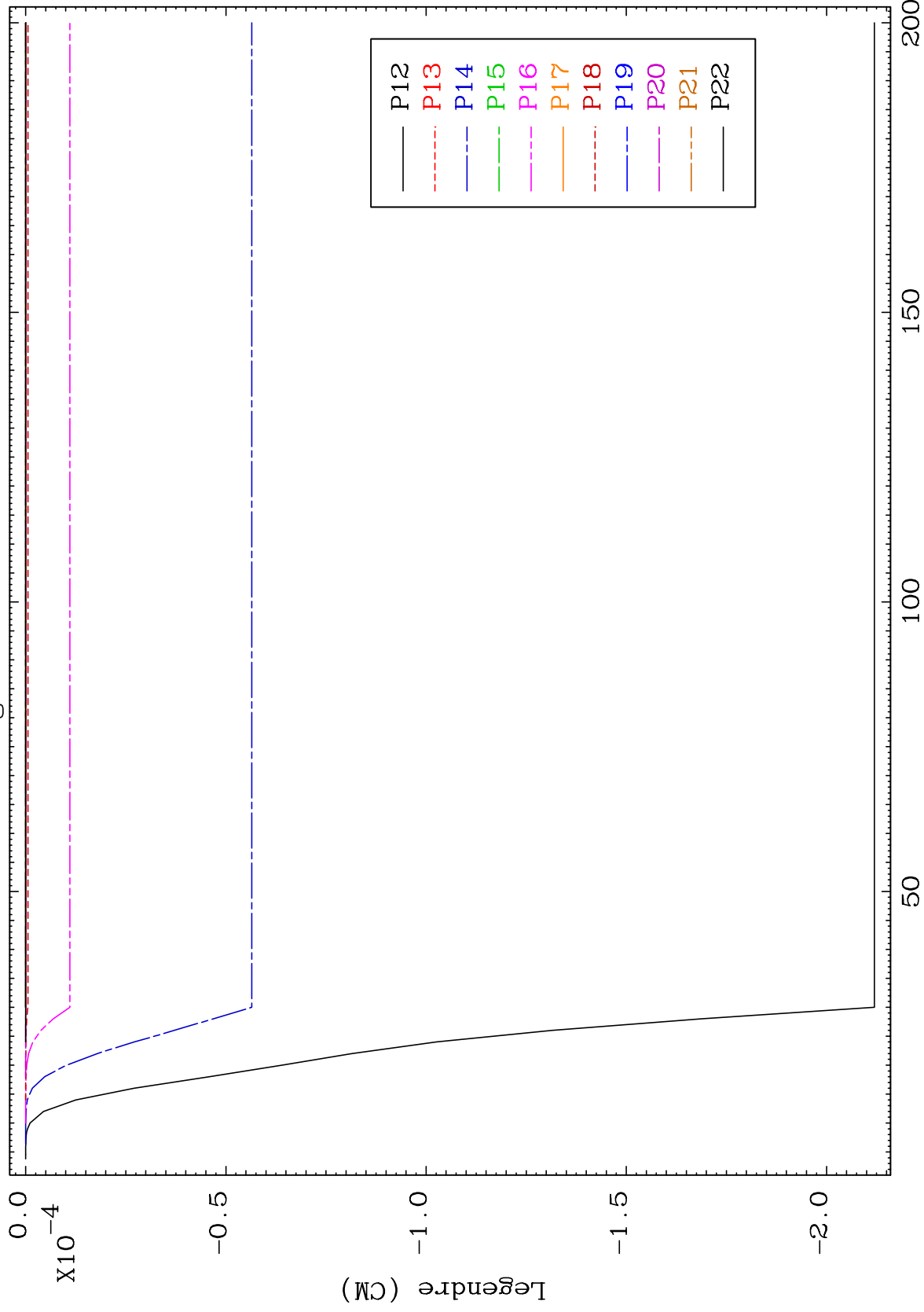
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

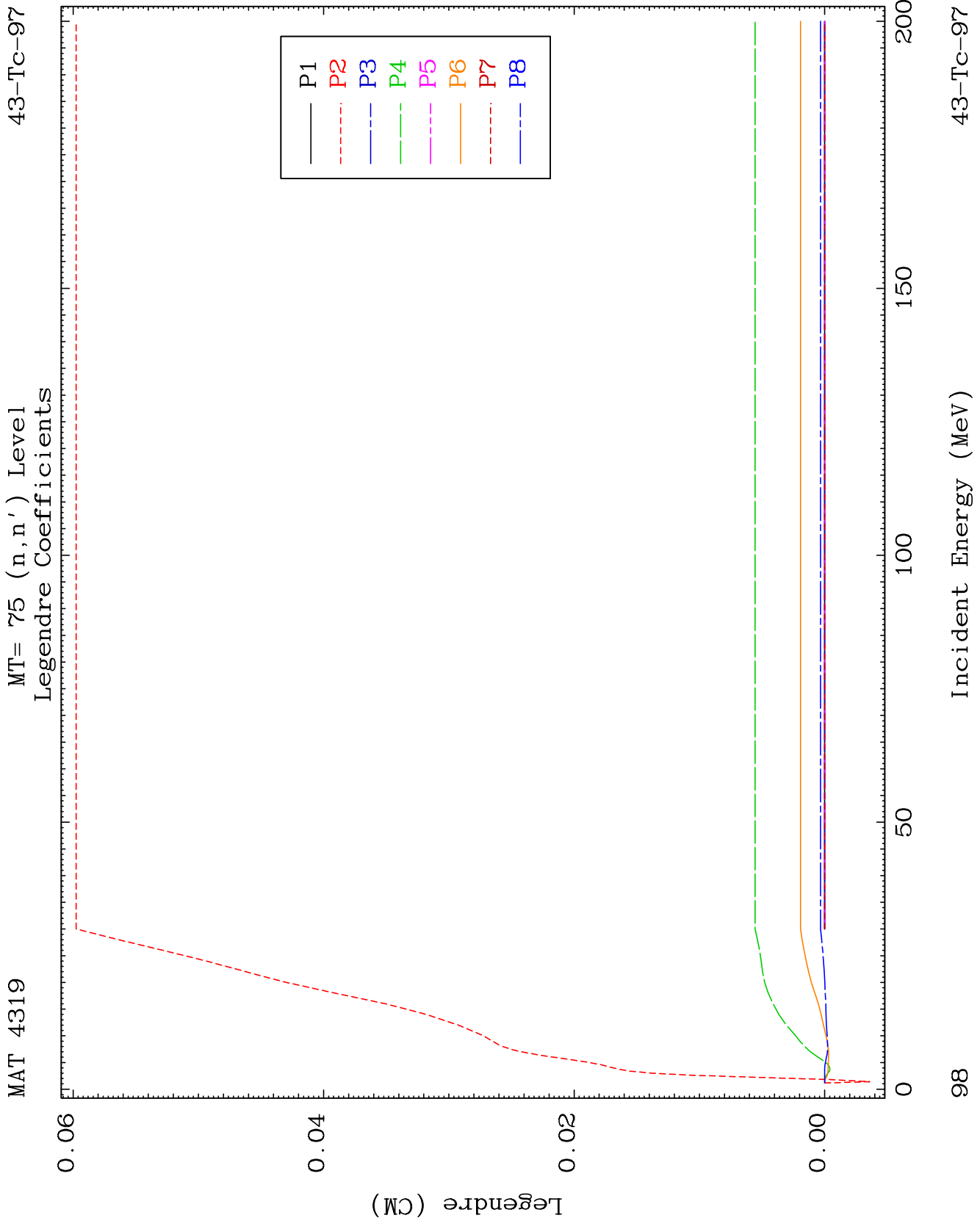
43-Tc-97

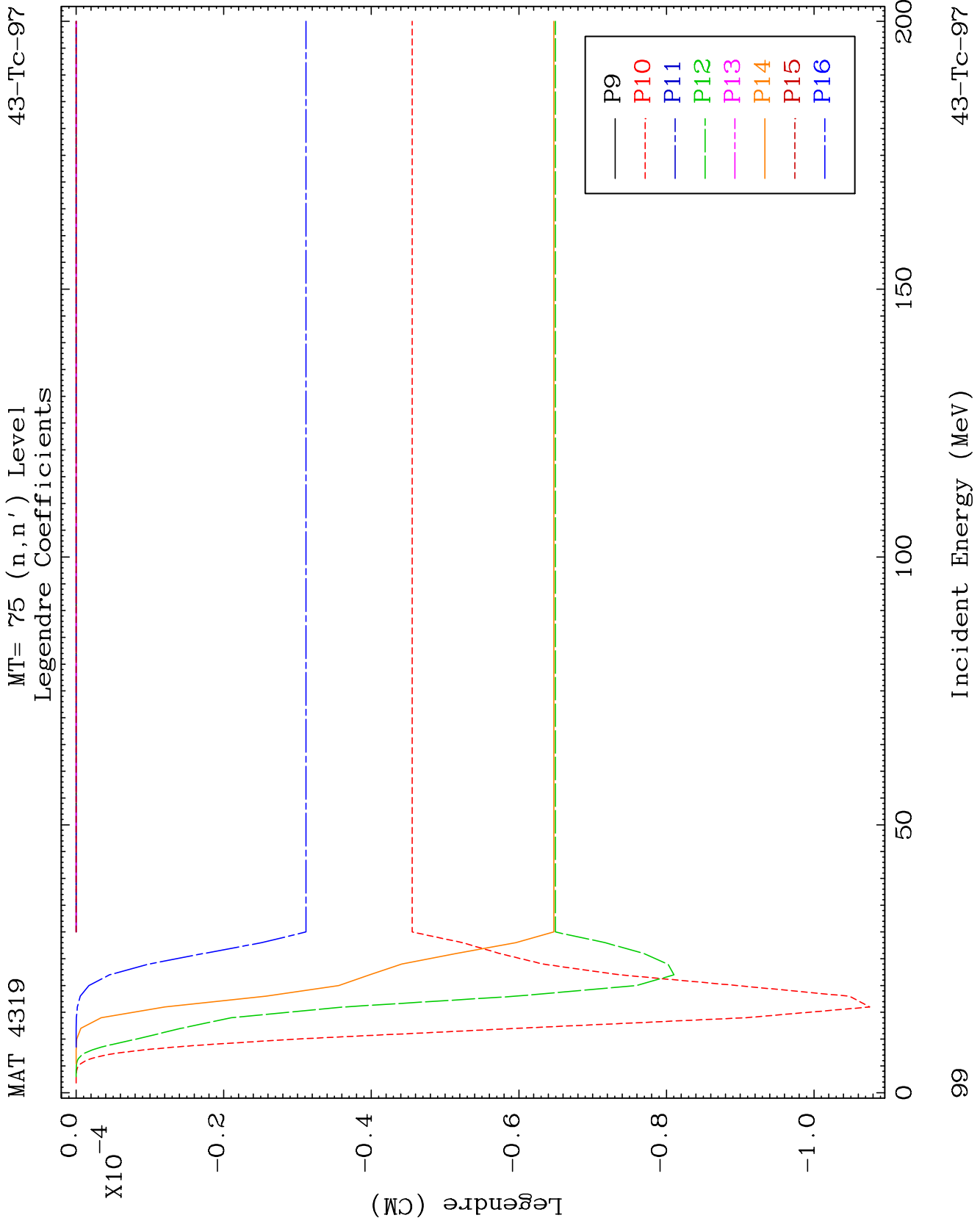


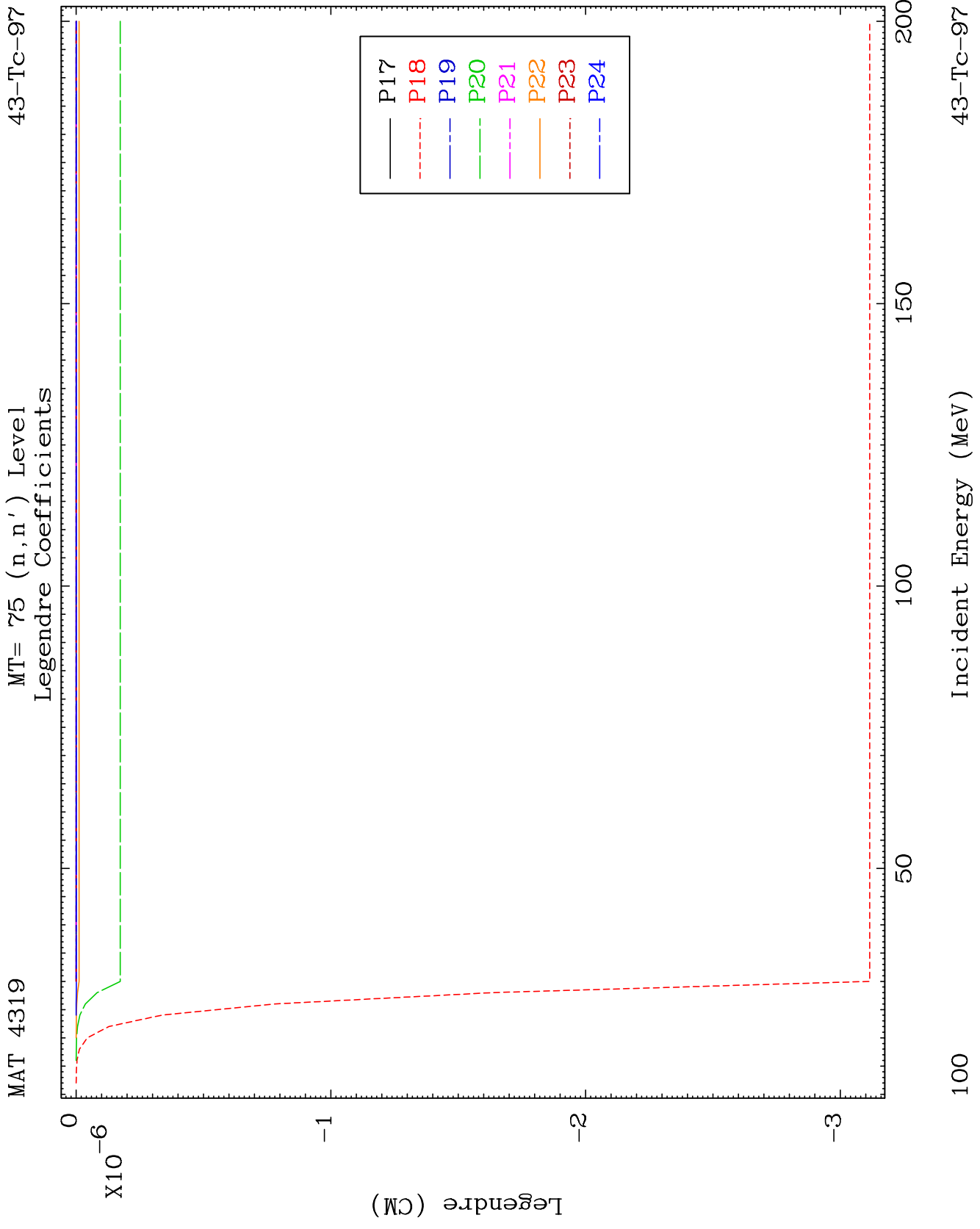
97

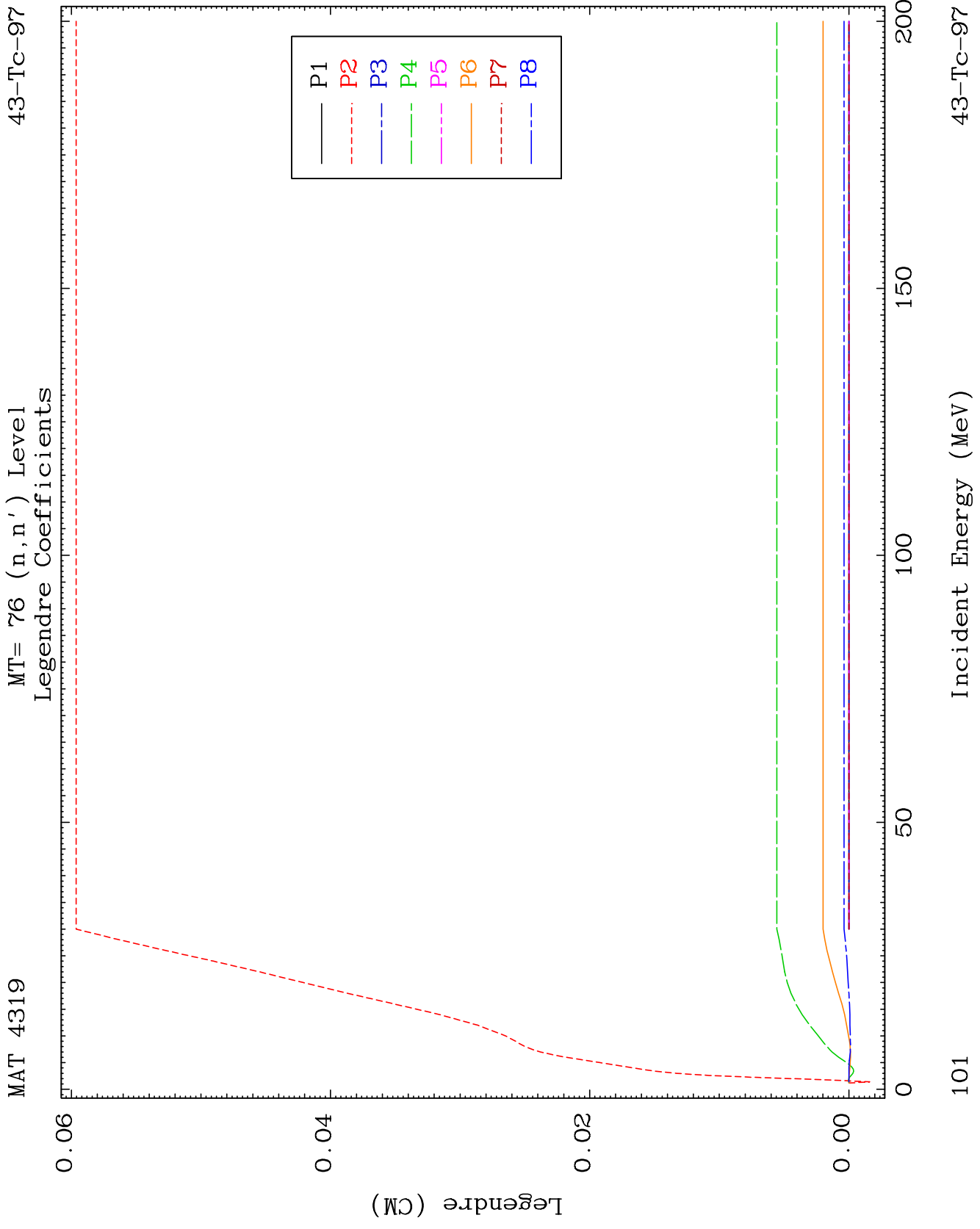
Incident Energy (MeV)

43-Tc-97





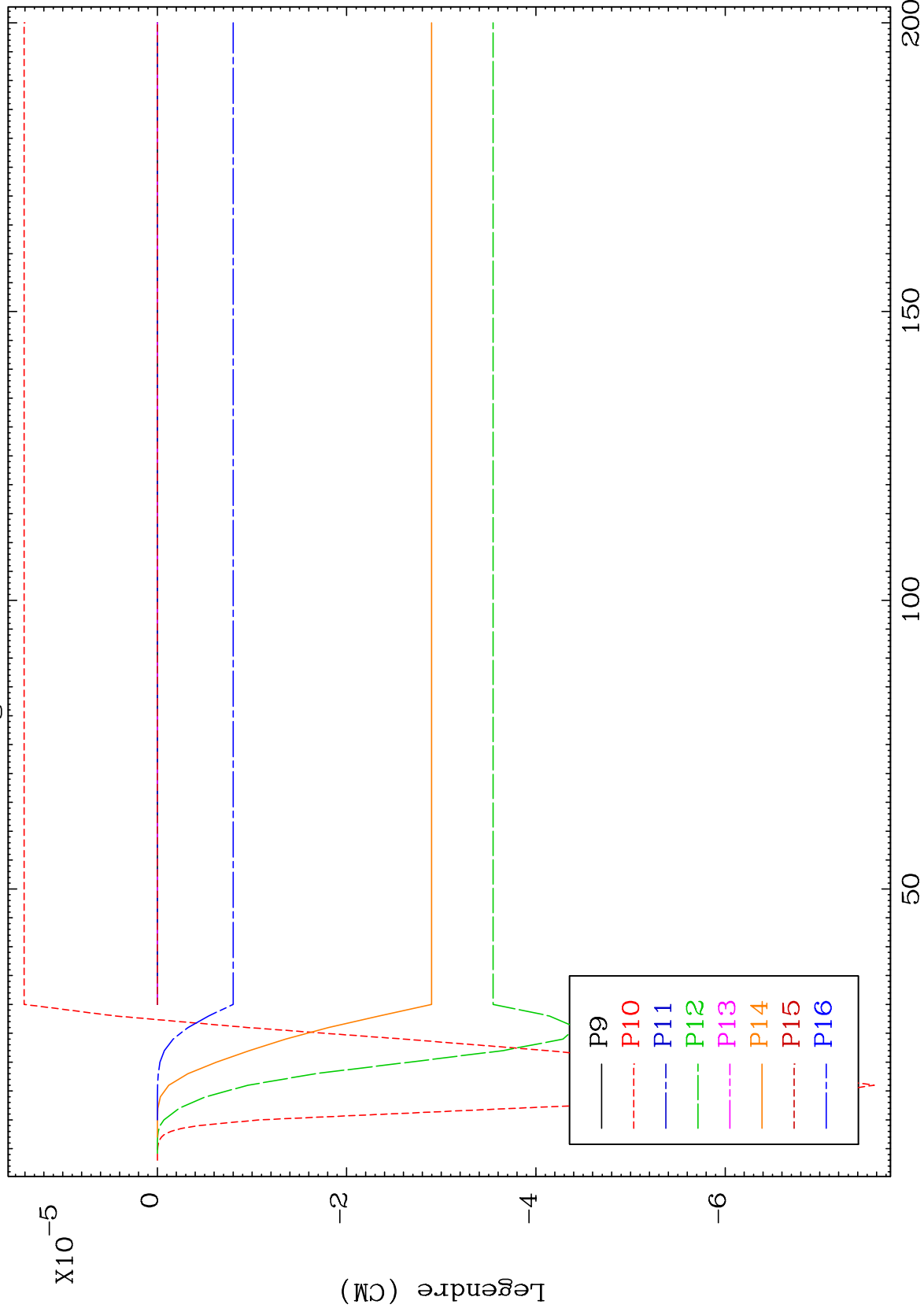


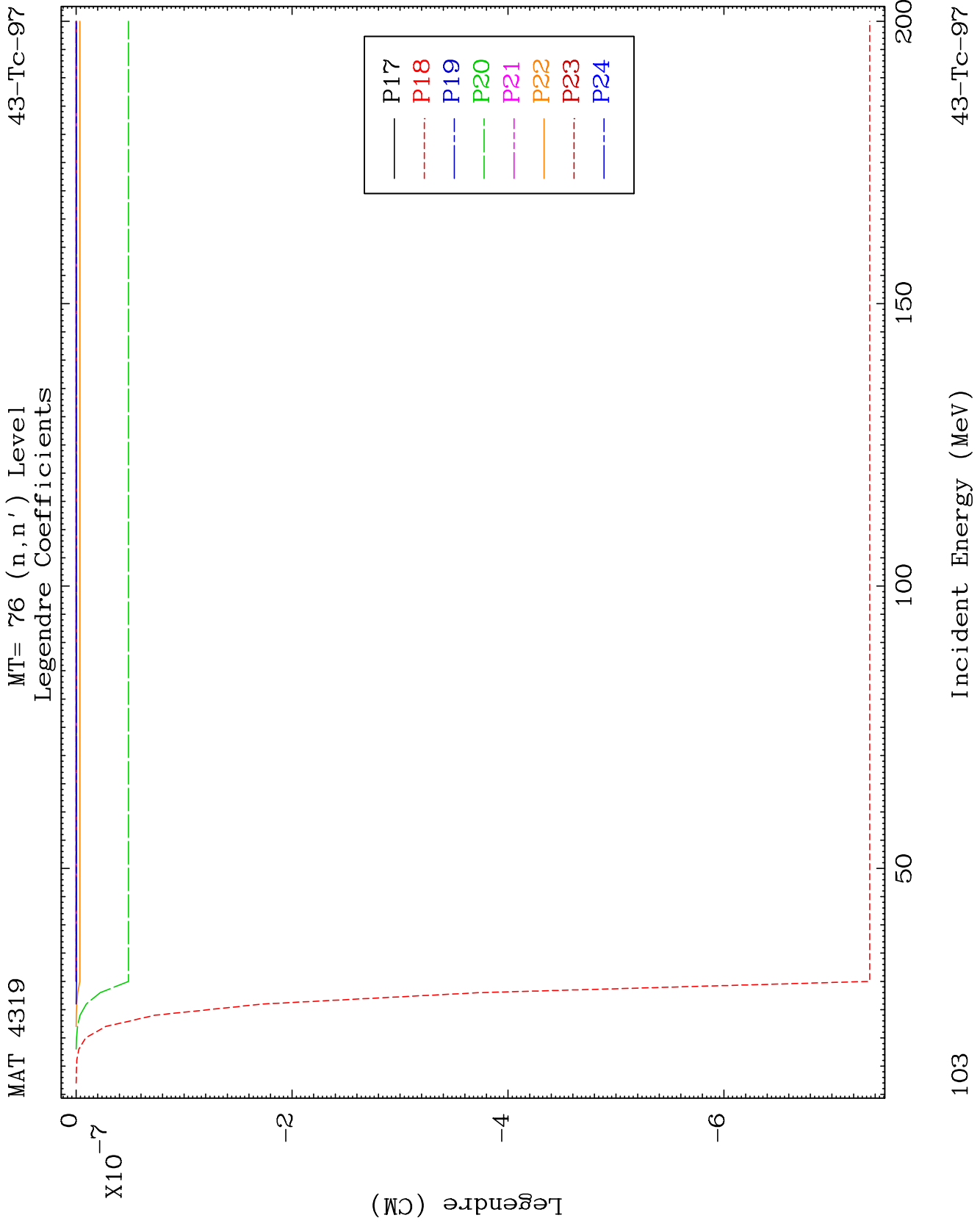


MAT 4319

43-Tc-97

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



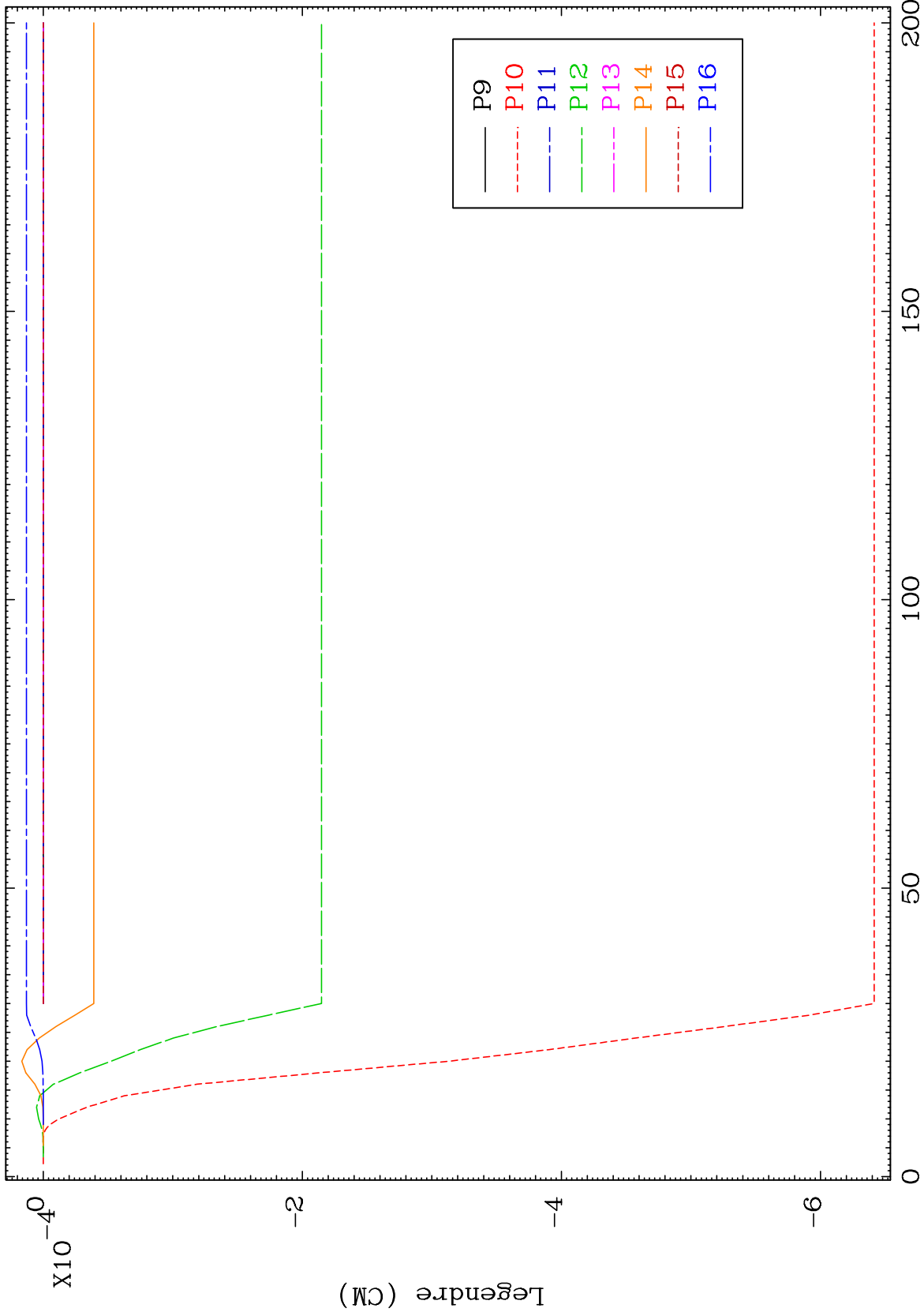


MAT 4319

MT= 77 (n,n') Level

43-Tc-97

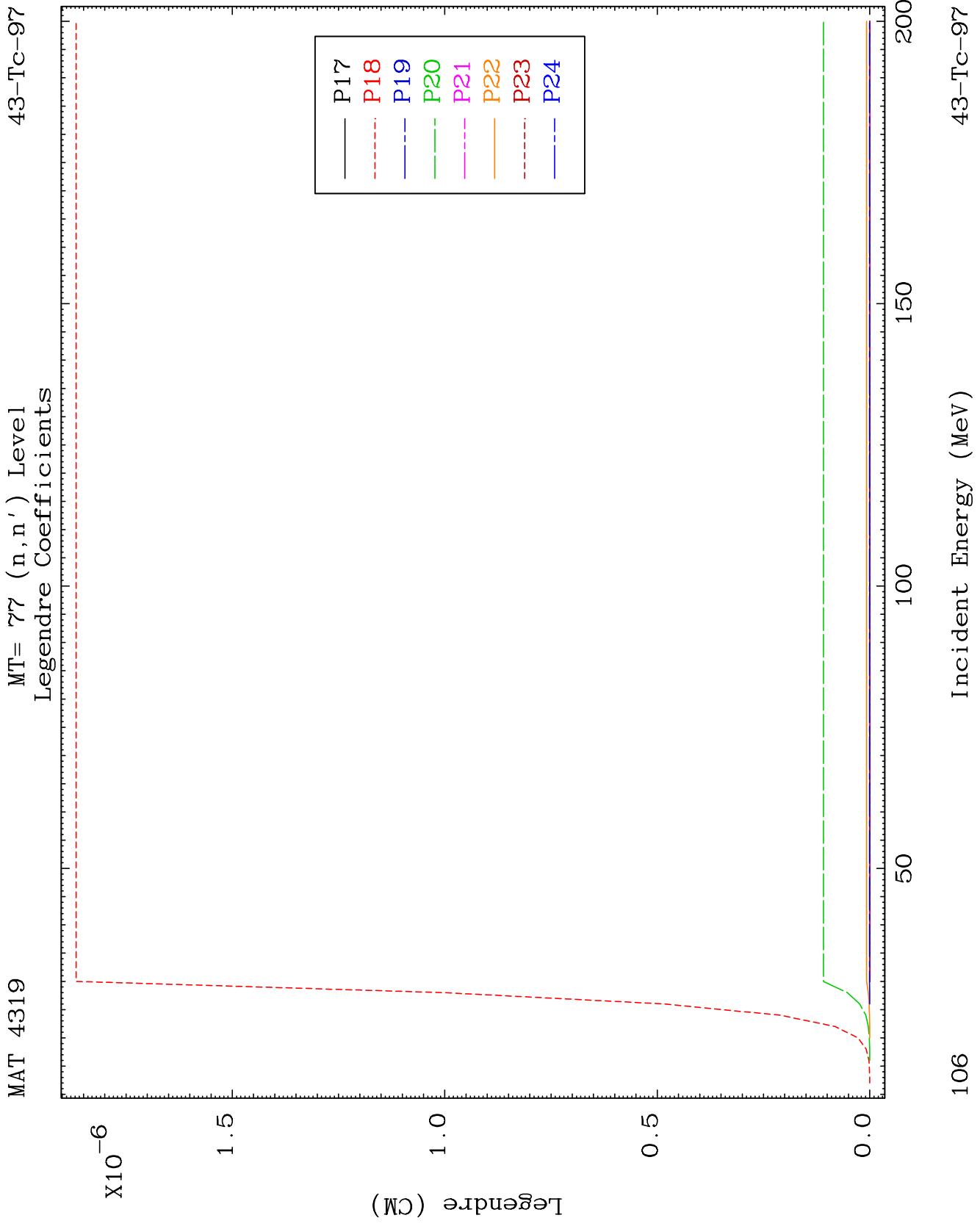
Legendre Coefficients

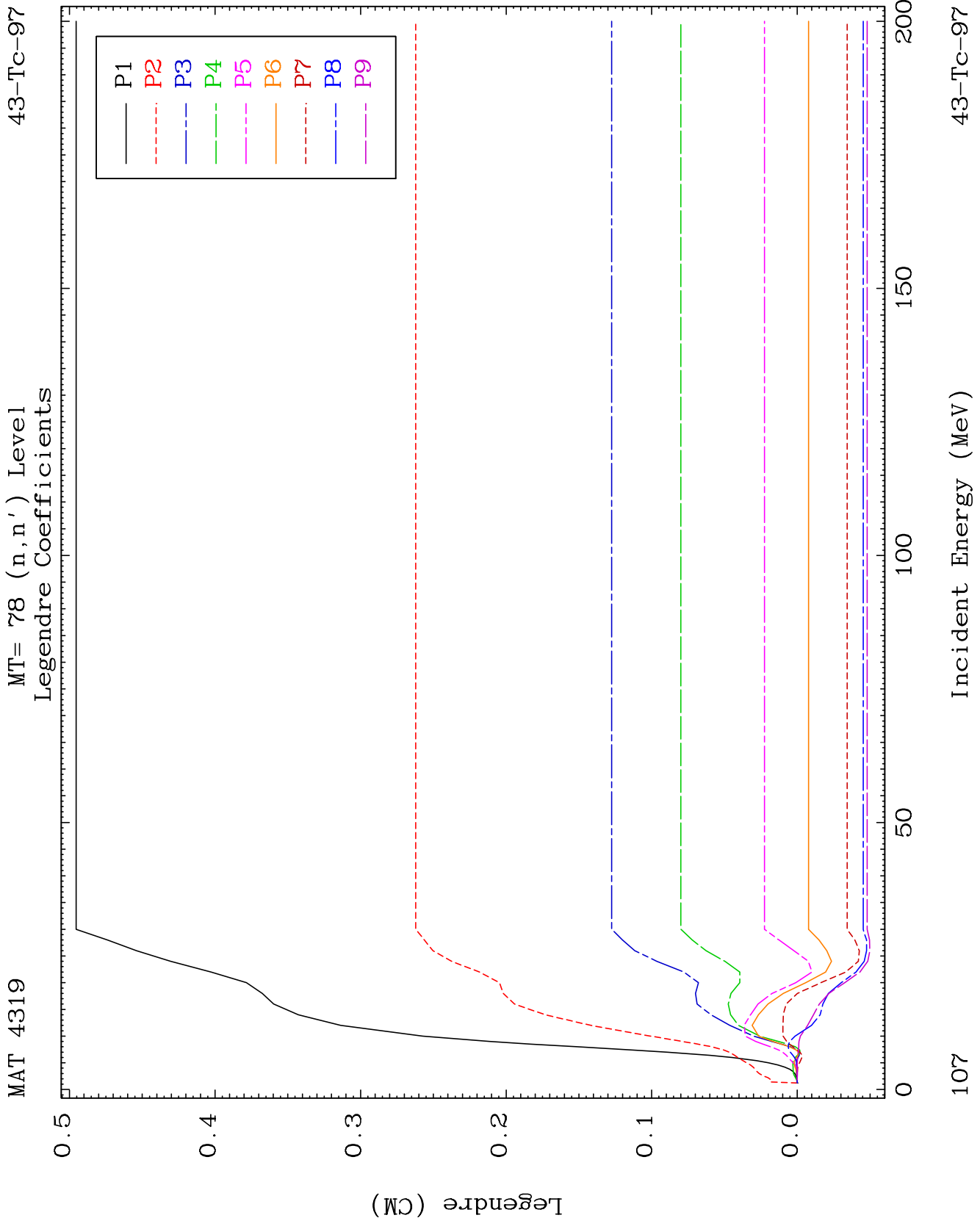


105

Incident Energy (MeV)

43-Tc-97

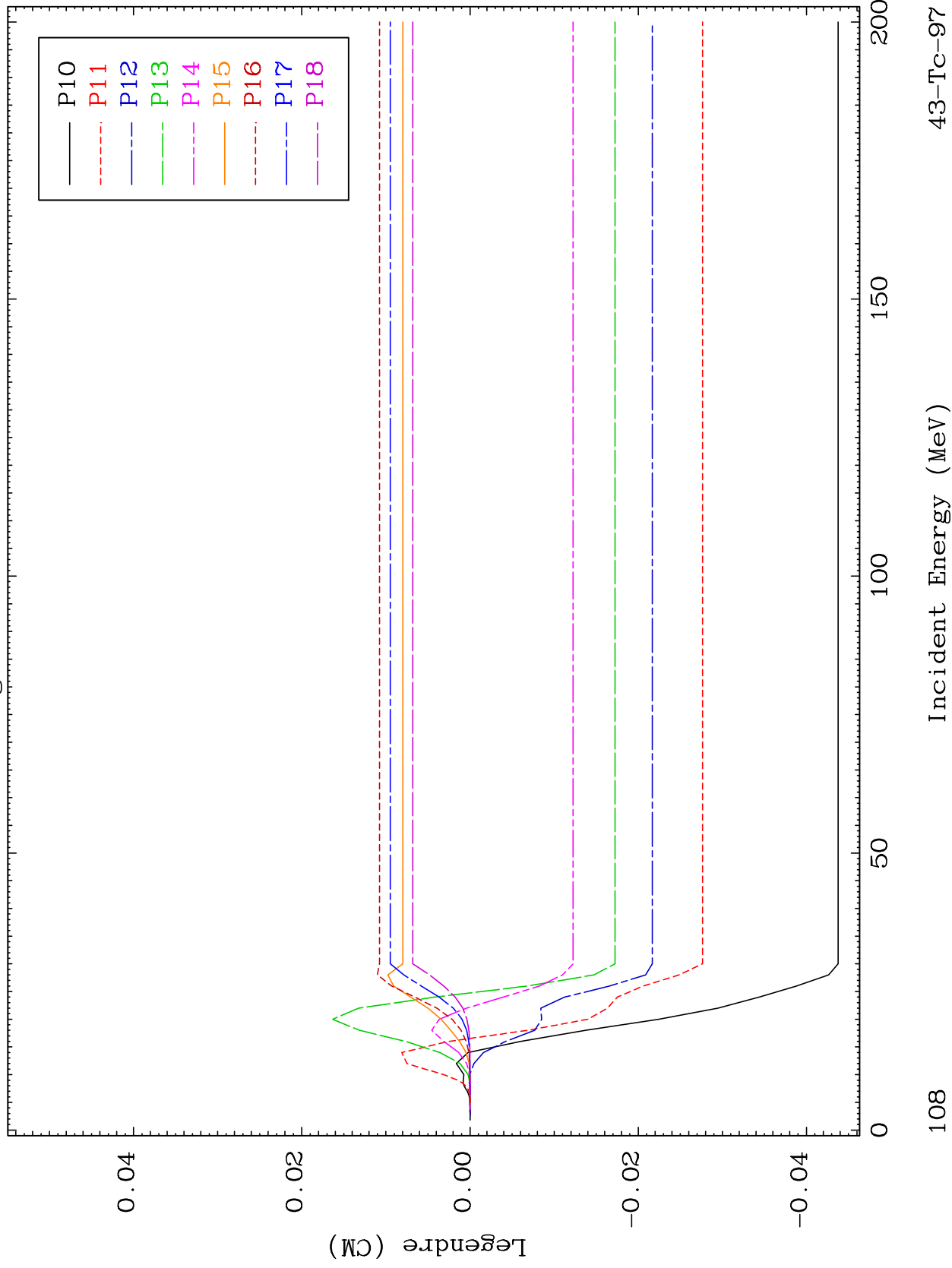




MAT 4319

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

43-Tc-97



108

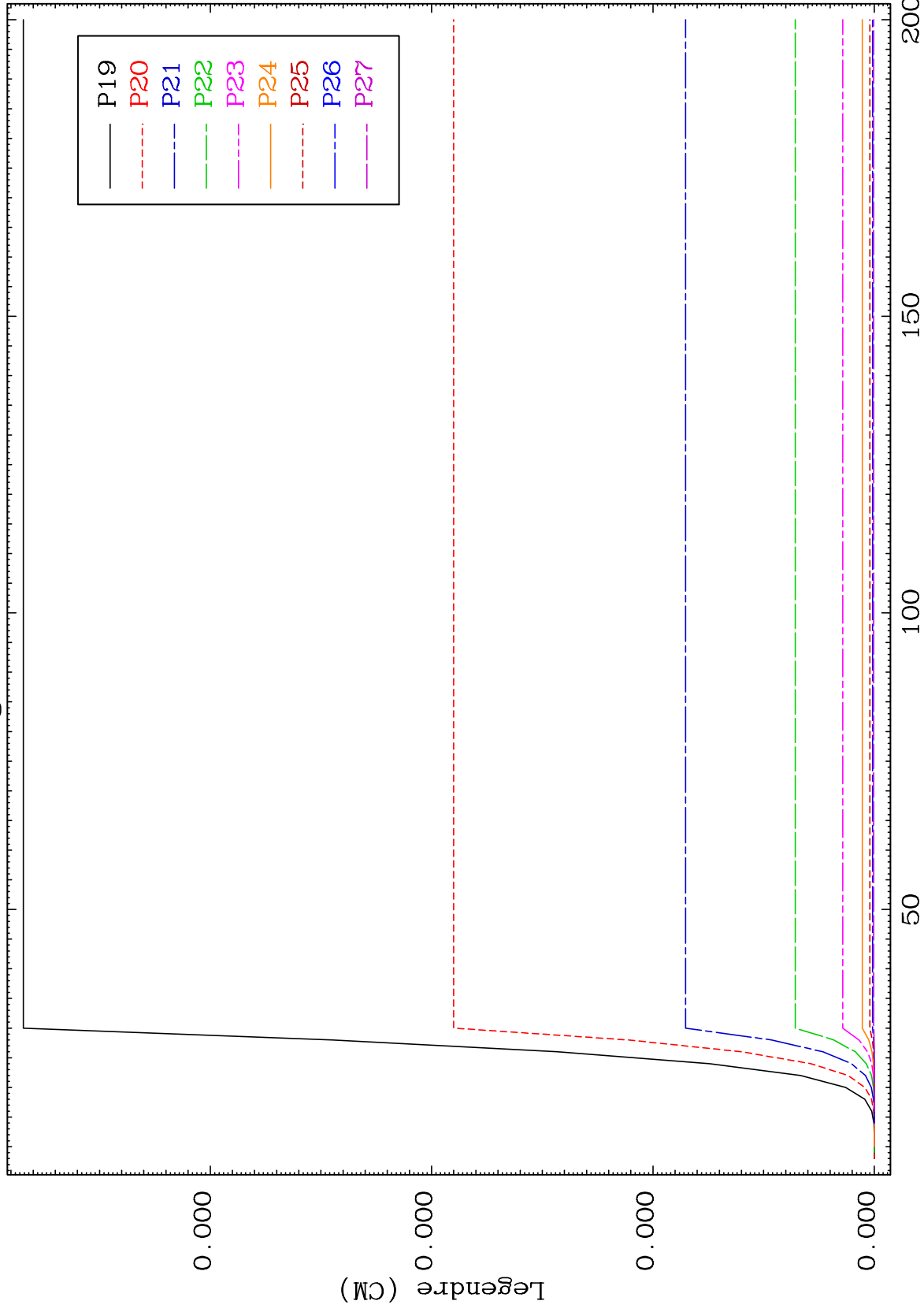
Incident Energy (MeV)

43-Tc-97

MAT 4319

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

43-Tc-97



109

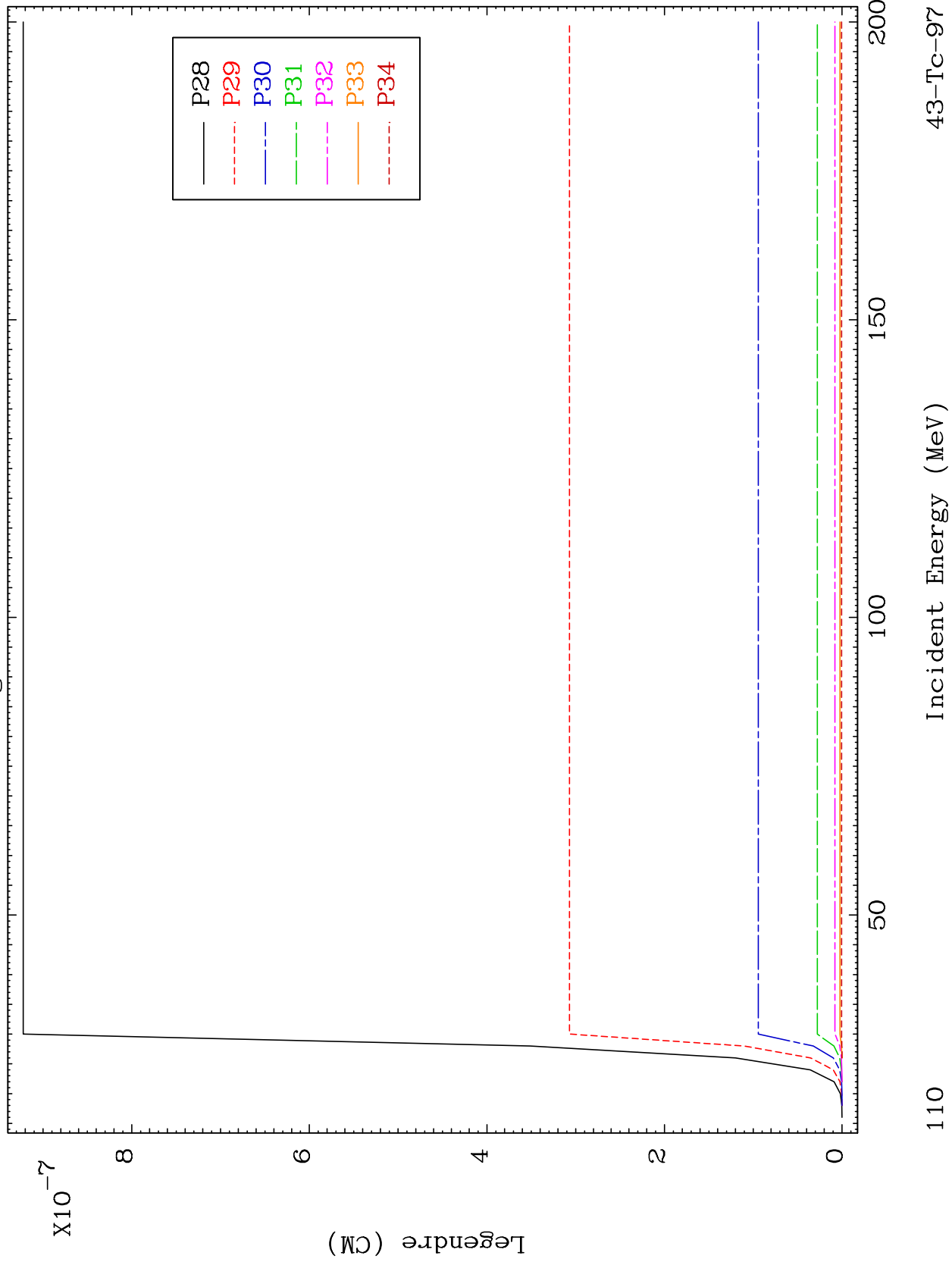
Incident Energy (MeV)

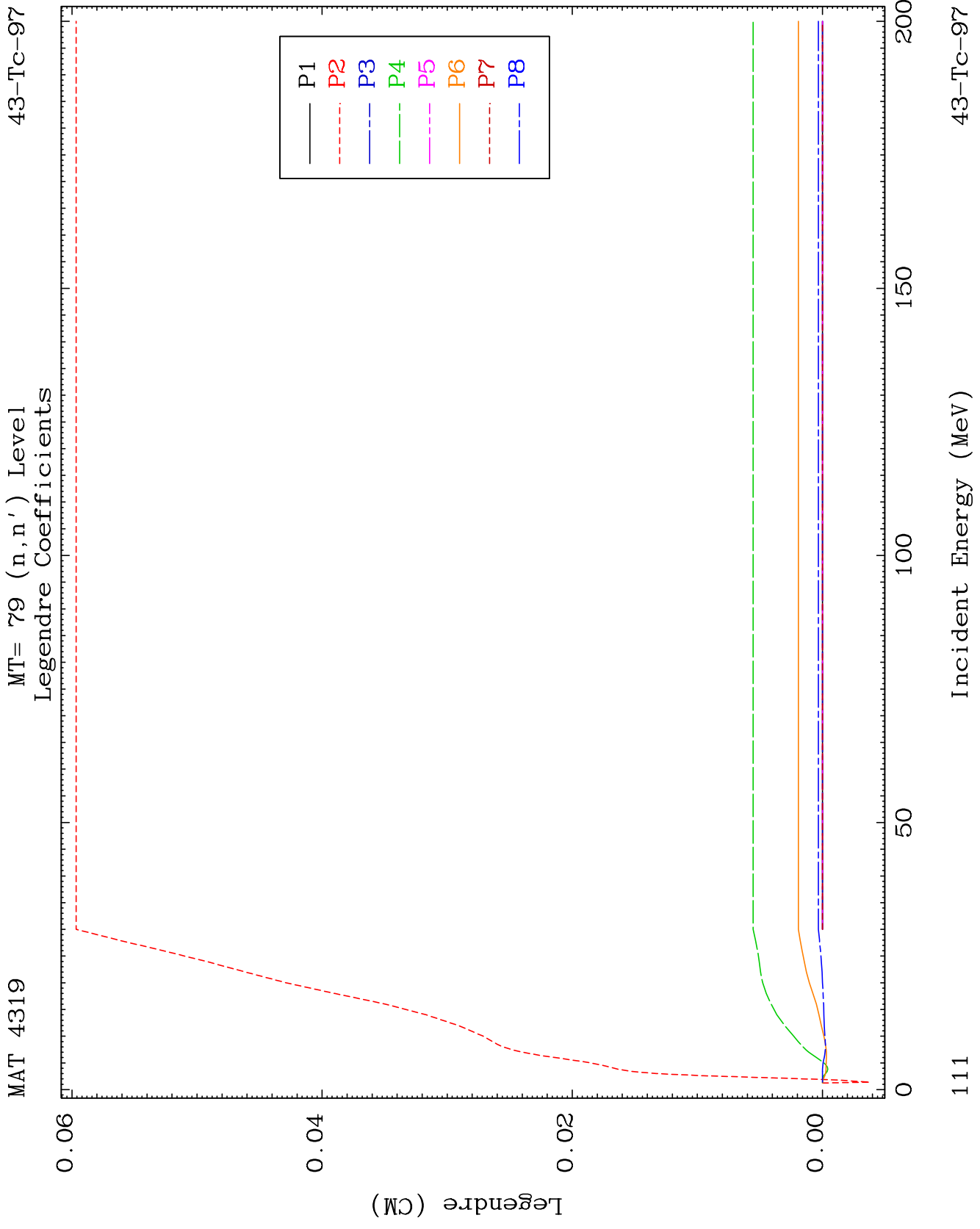
43-Tc-97

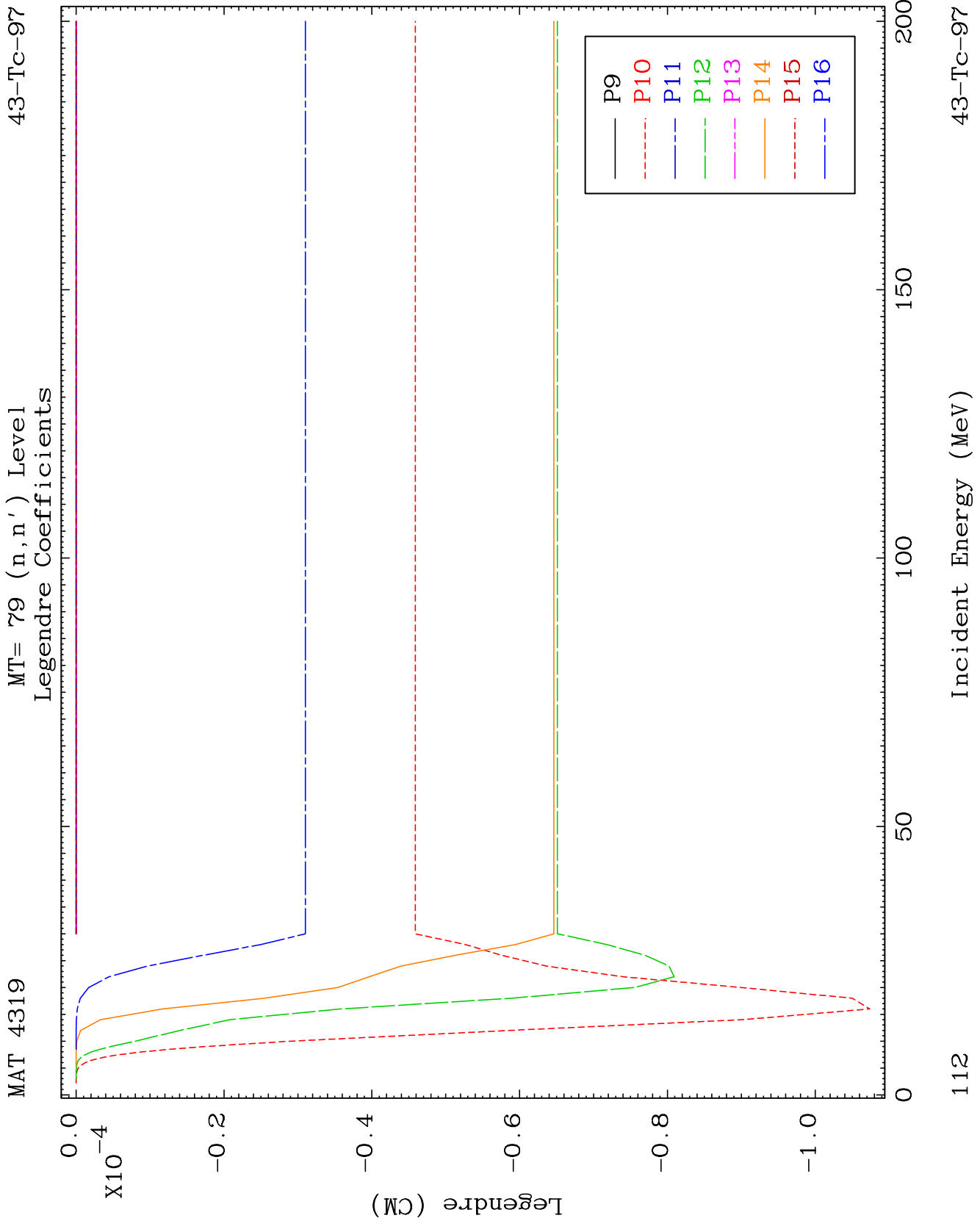
MAT 4319

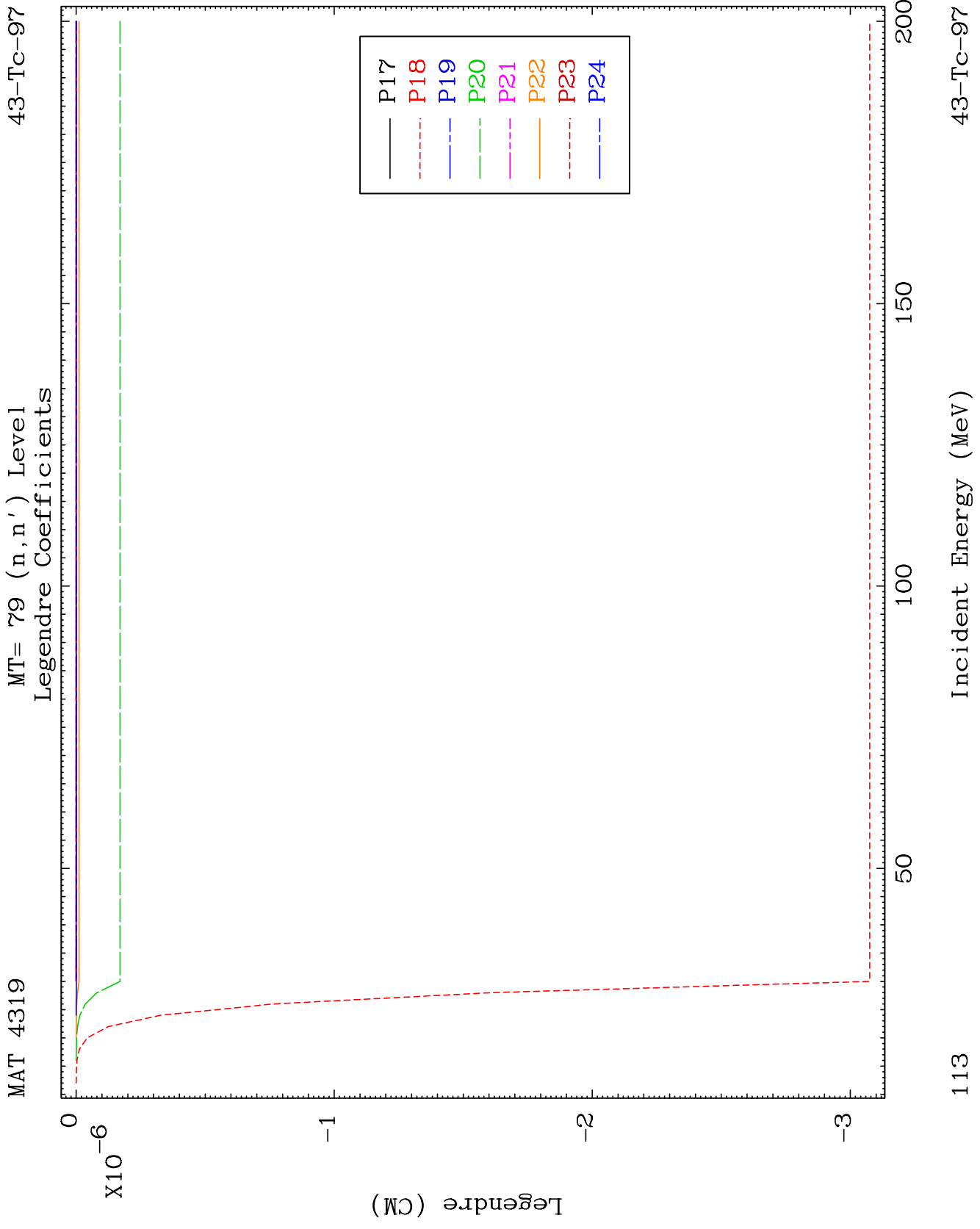
MT= 78 (n,n') Level
Legendre Coefficients

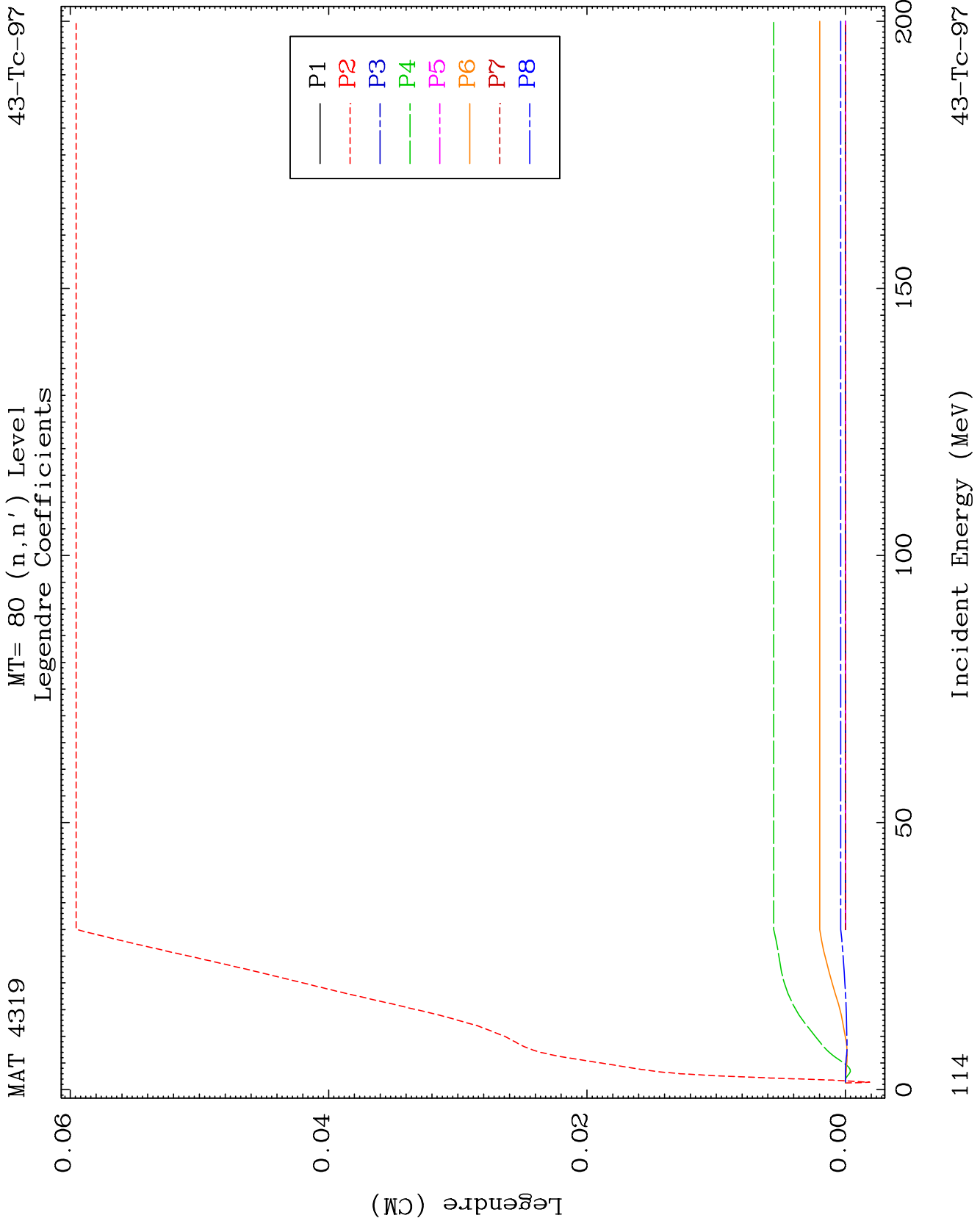
43-Tc-97







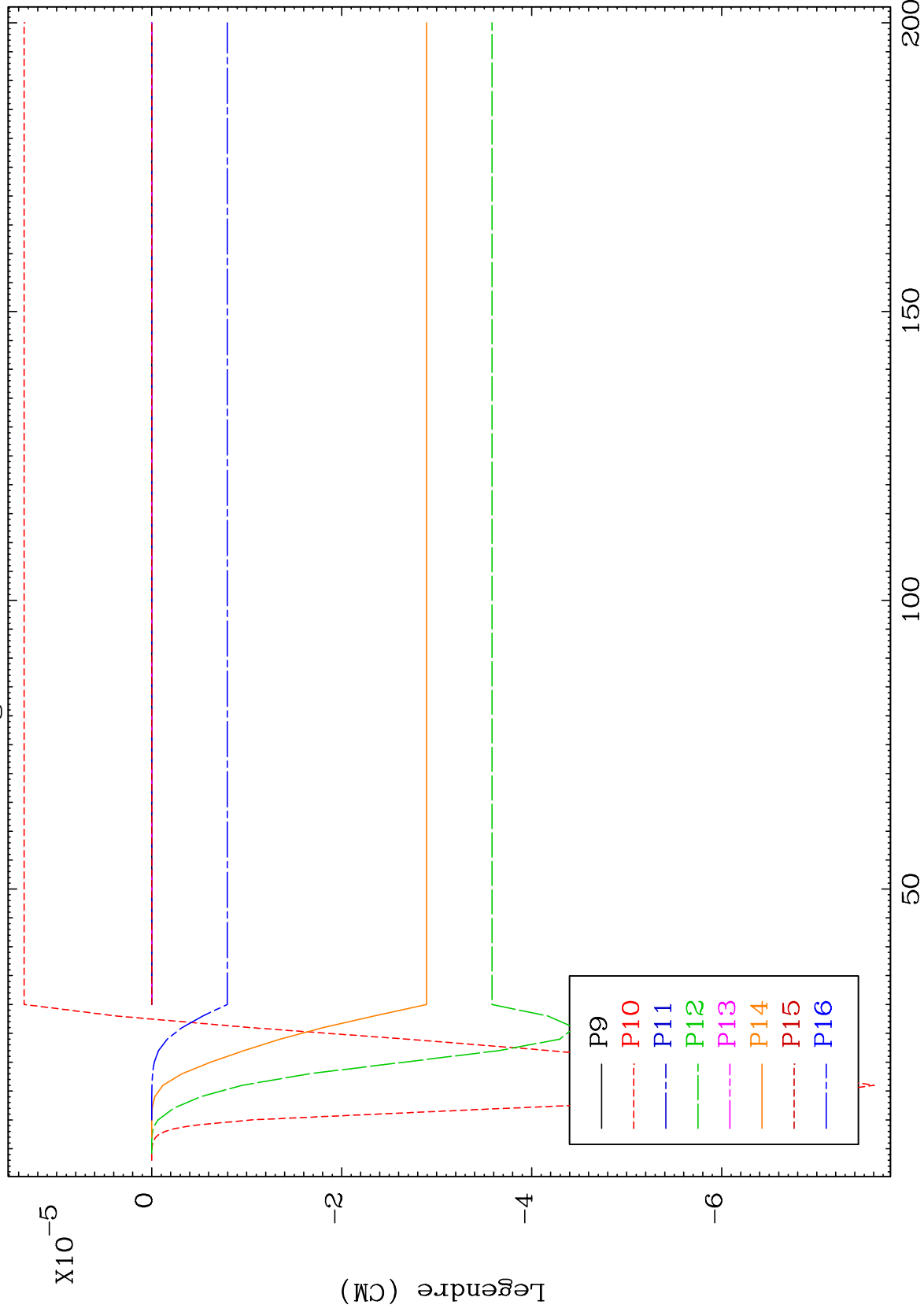




MAT 4319

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

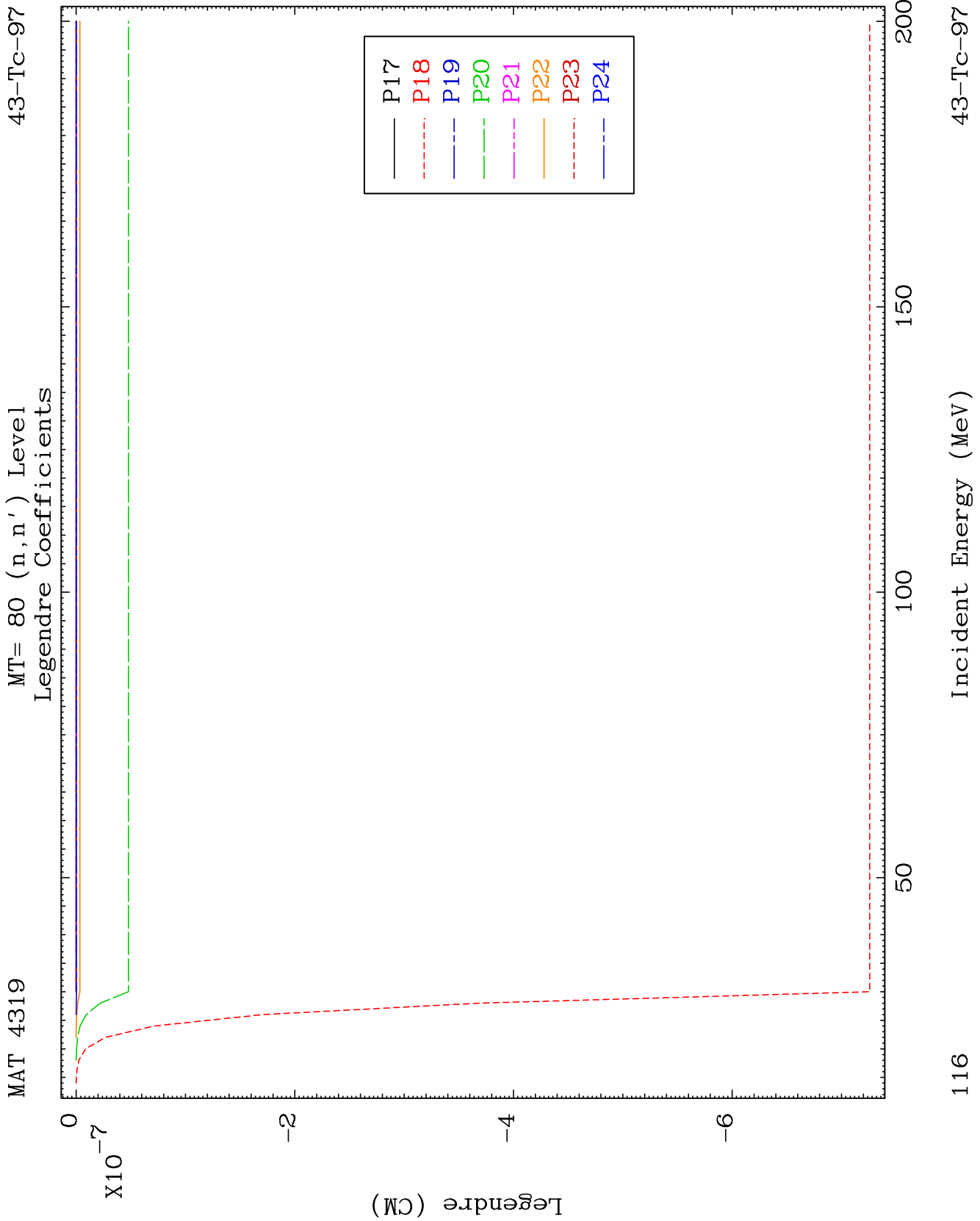
43-Tc-97



115

Incident Energy (MeV)

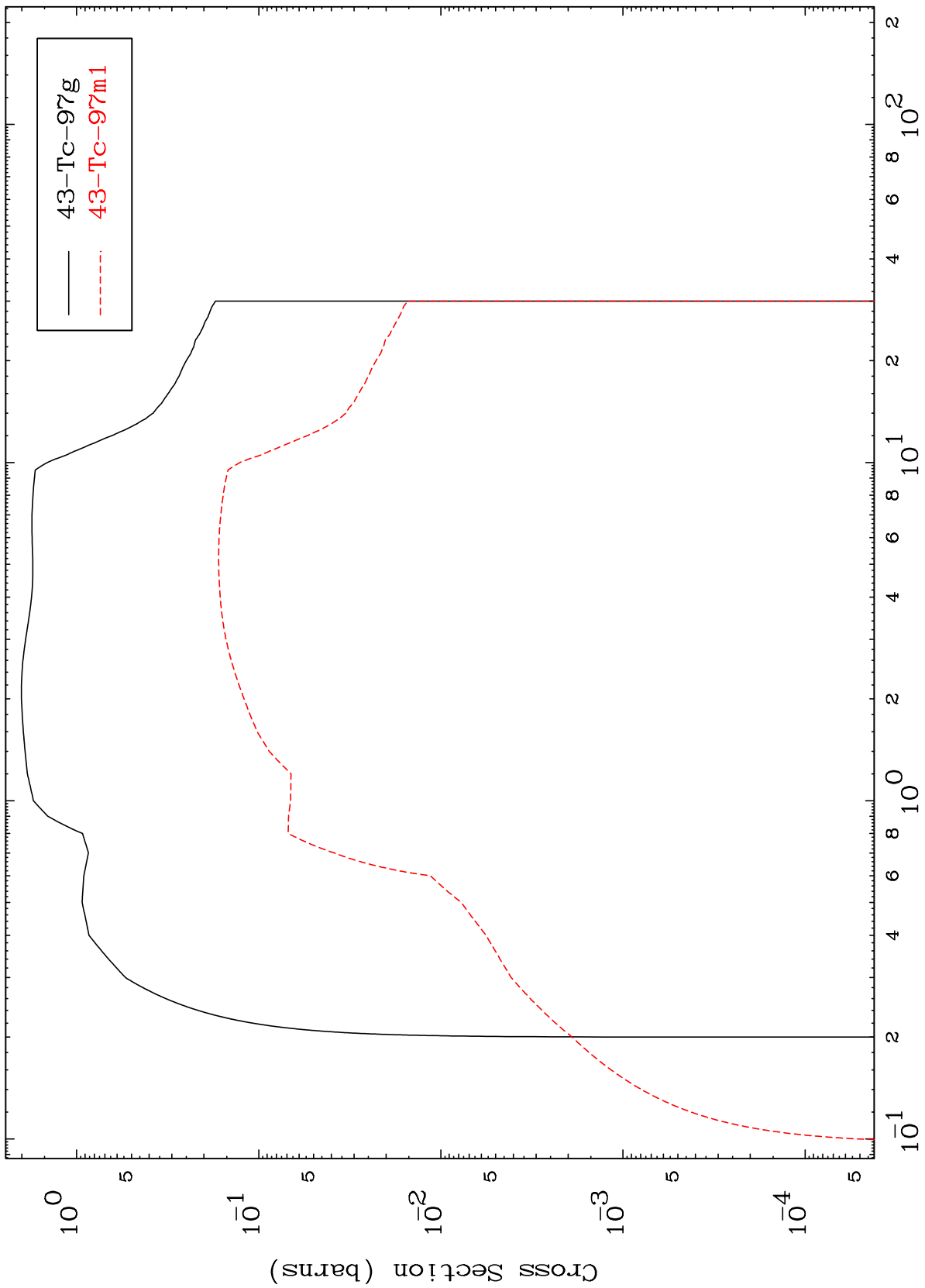
43-Tc-97



MAT 4319

43-Tc-97

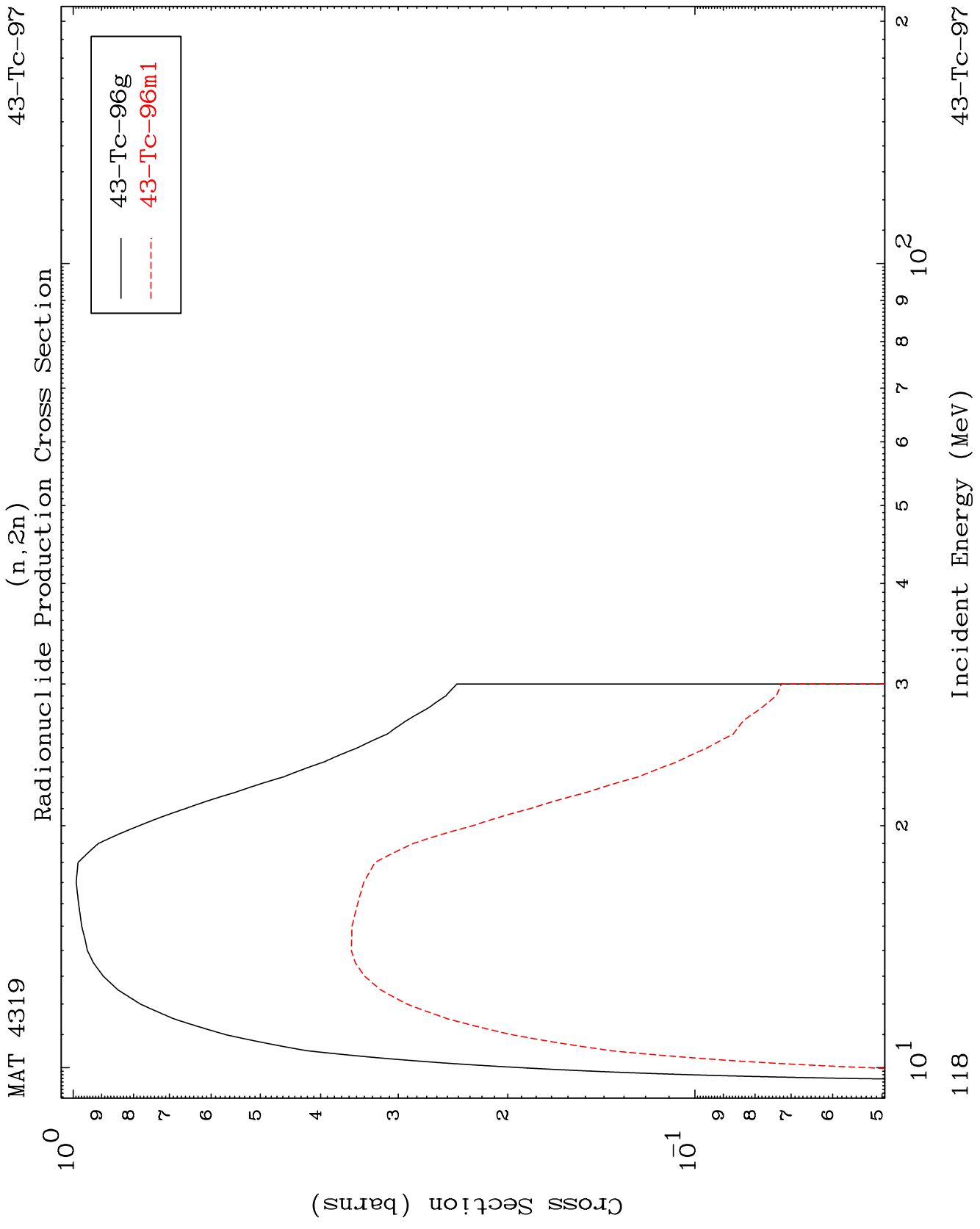
Inelastic
Radionuclide Production Cross Section



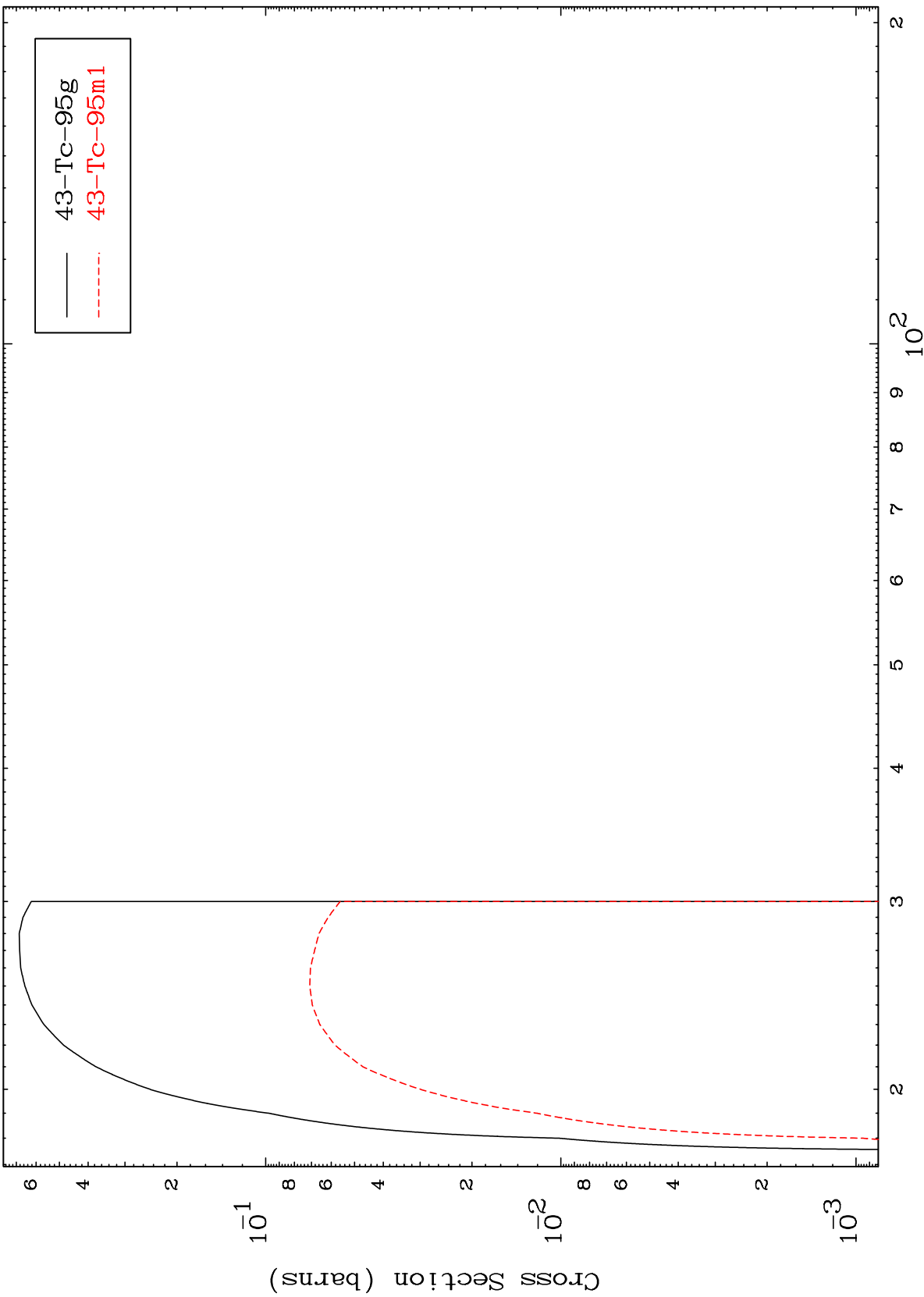
117

Incident Energy (MeV)

43-Tc-97



(n,3n)
Radionuclide Production Cross Section



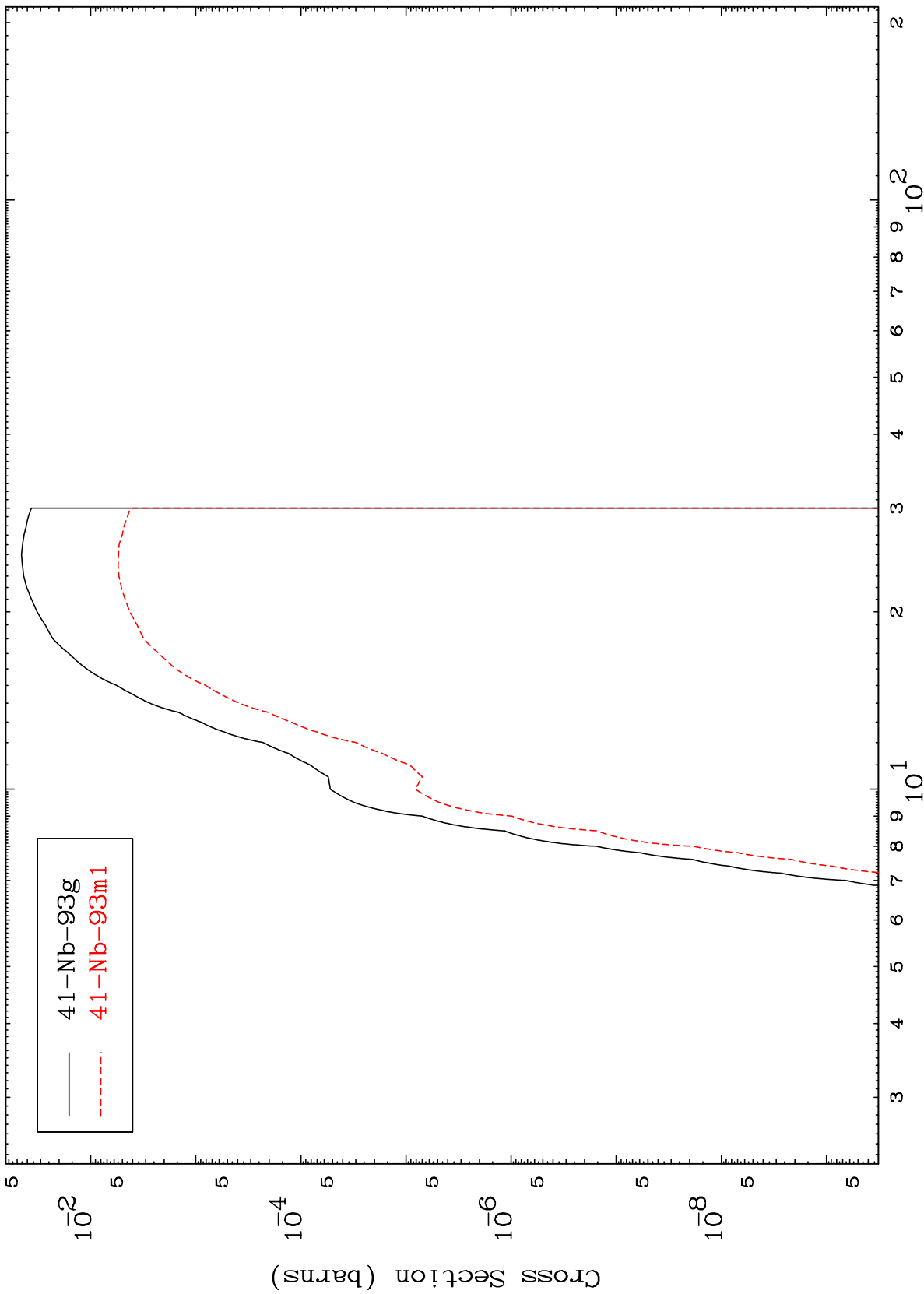
43-Tc-95g
43-Tc-95m1

MAT 4319

(n,n') α

43-Tc-97

Radionuclide Production Cross Section



120

Incident Energy (MeV)

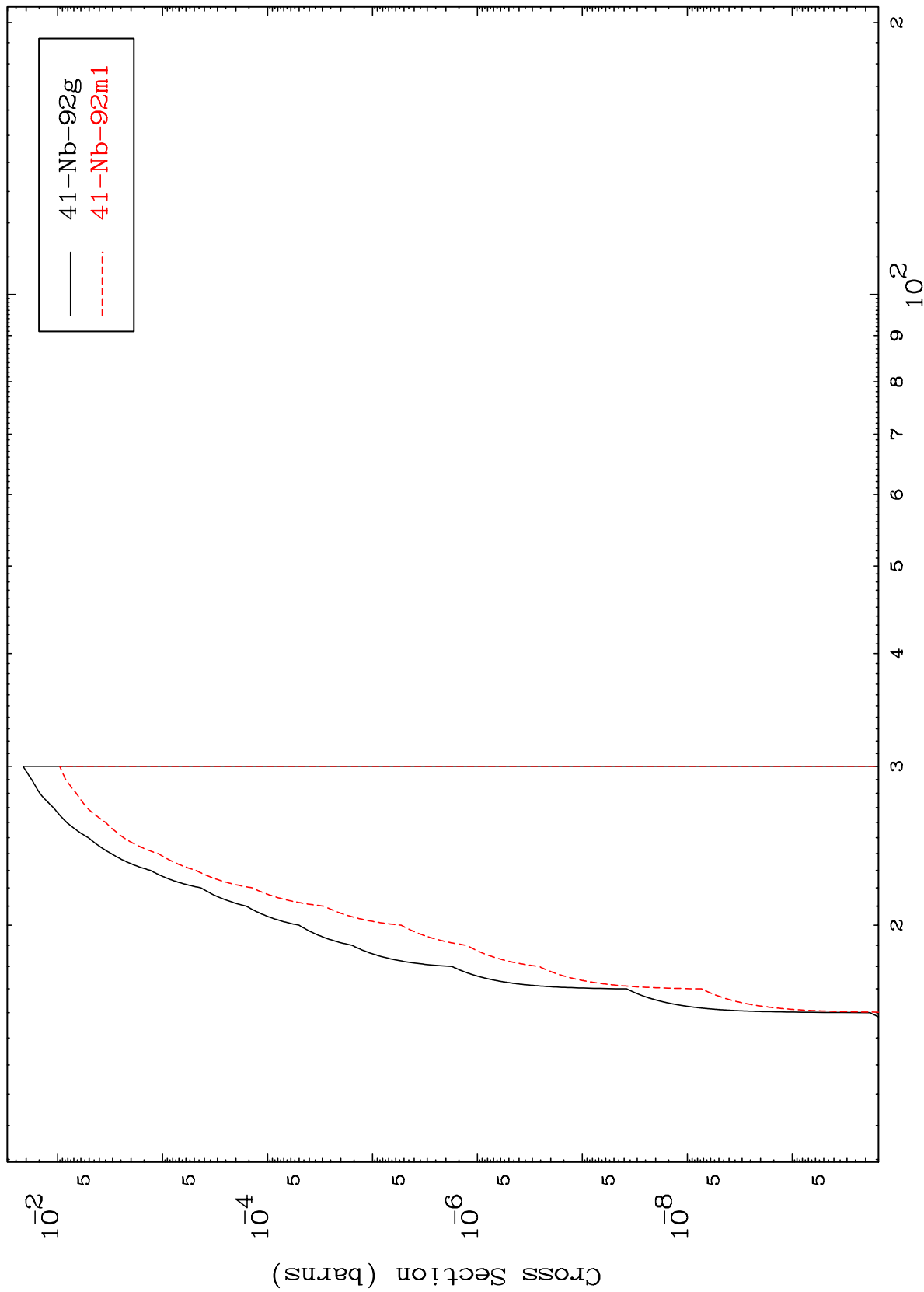
43-Tc-97

MAT 4319

(n,2n) α

43-Tc-97

Radionuclide Production Cross Section



121

Incident Energy (MeV)

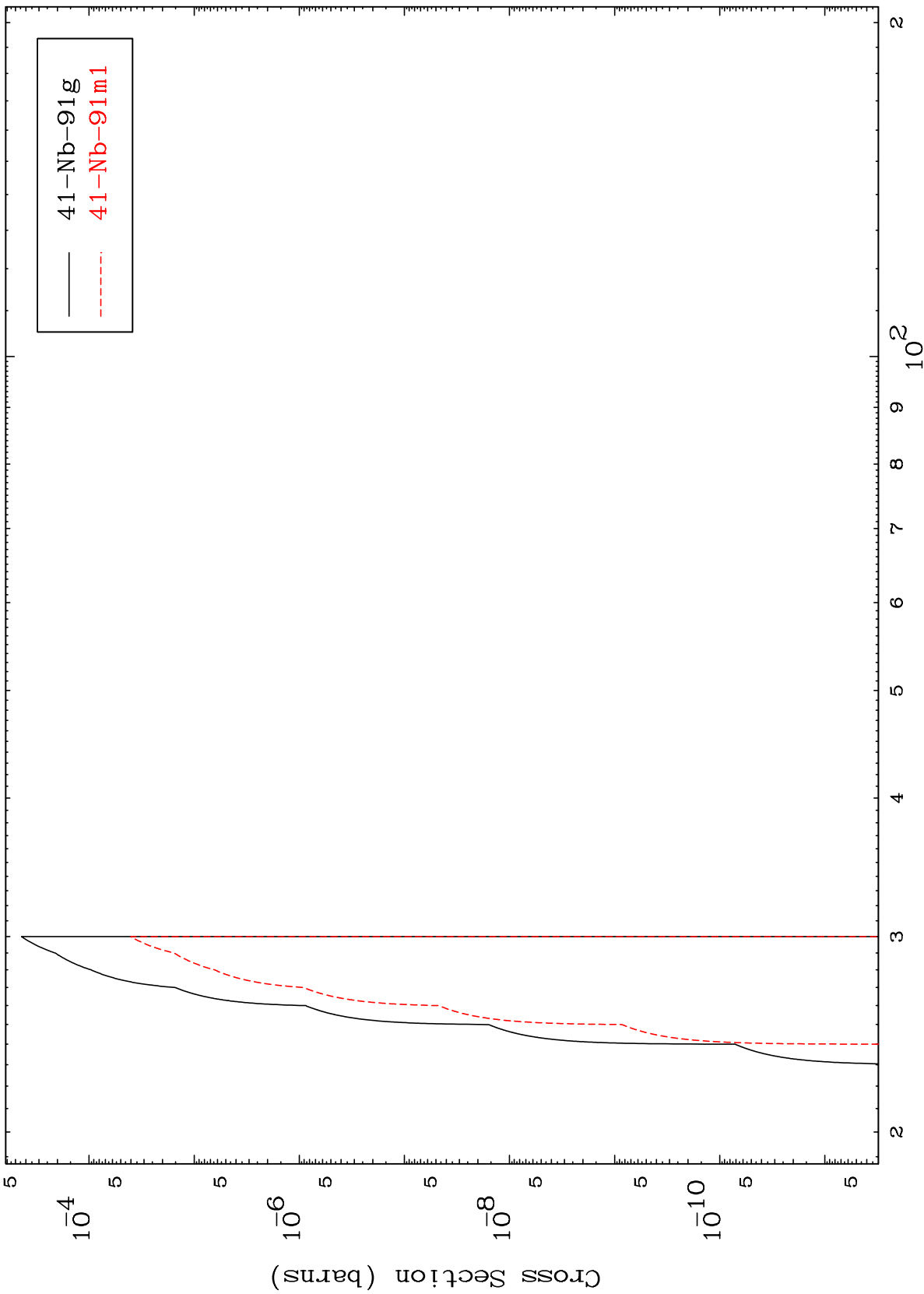
43-Tc-97

MAT 4319

(n,3n) α

43-Tc-97

Radionuclide Production Cross Section



122

Incident Energy (MeV)

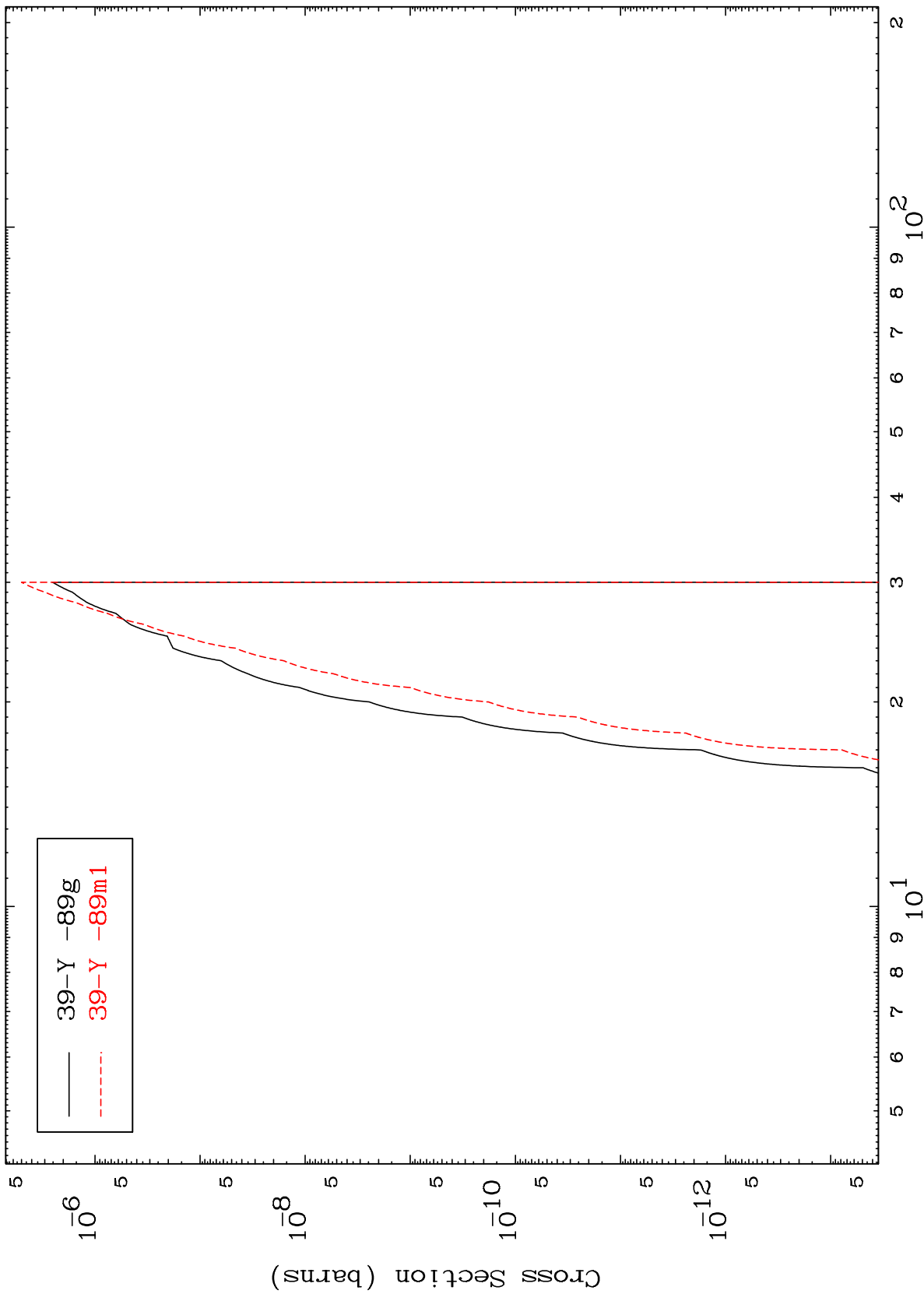
43-Tc-97

MAT 4319

43-Tc-97

(n,n') 2α

Radionuclide Production Cross Section



123

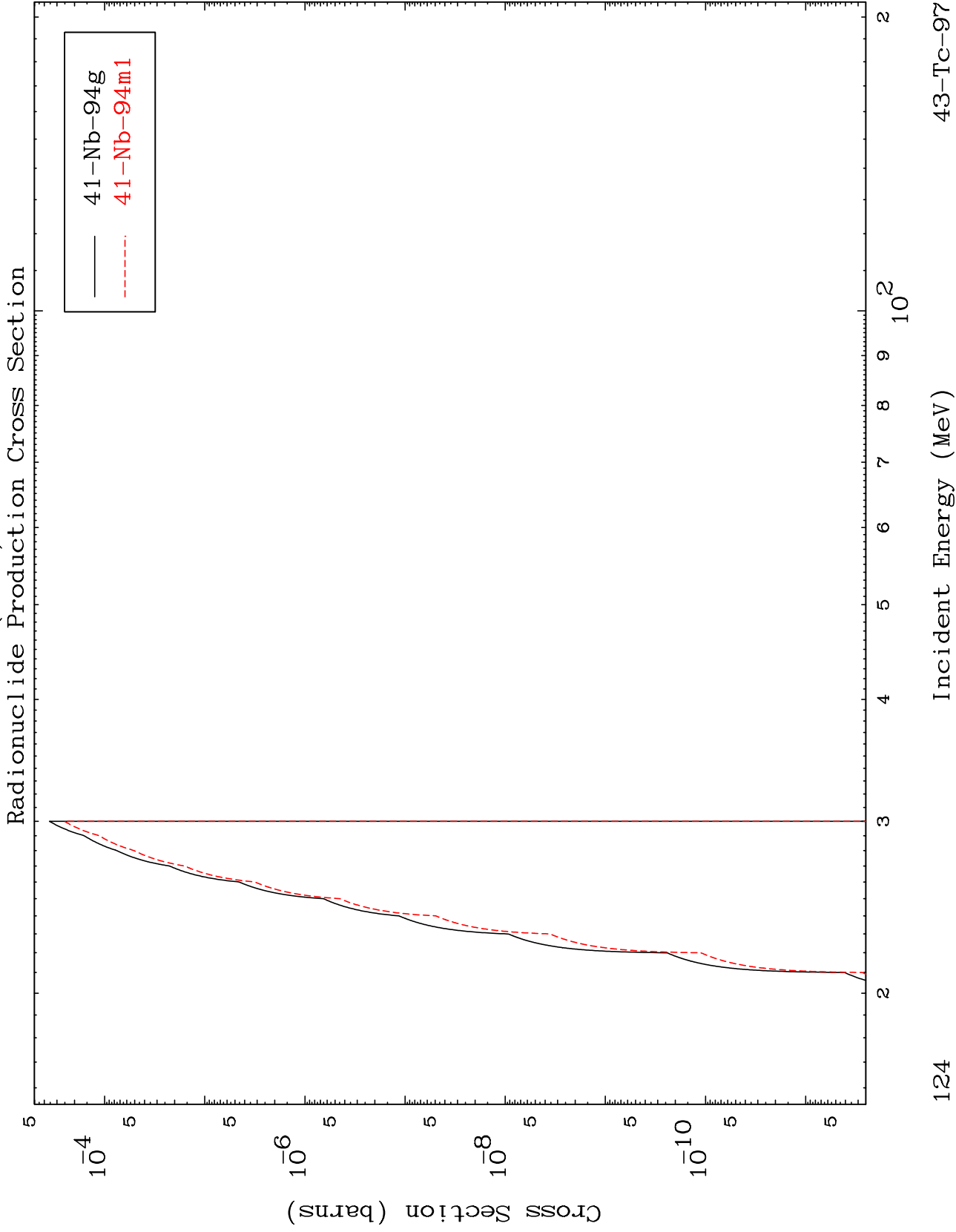
Incident Energy (MeV)

43-Tc-97

MAT 4319

(n,n') He-3

43-Tc-97



124

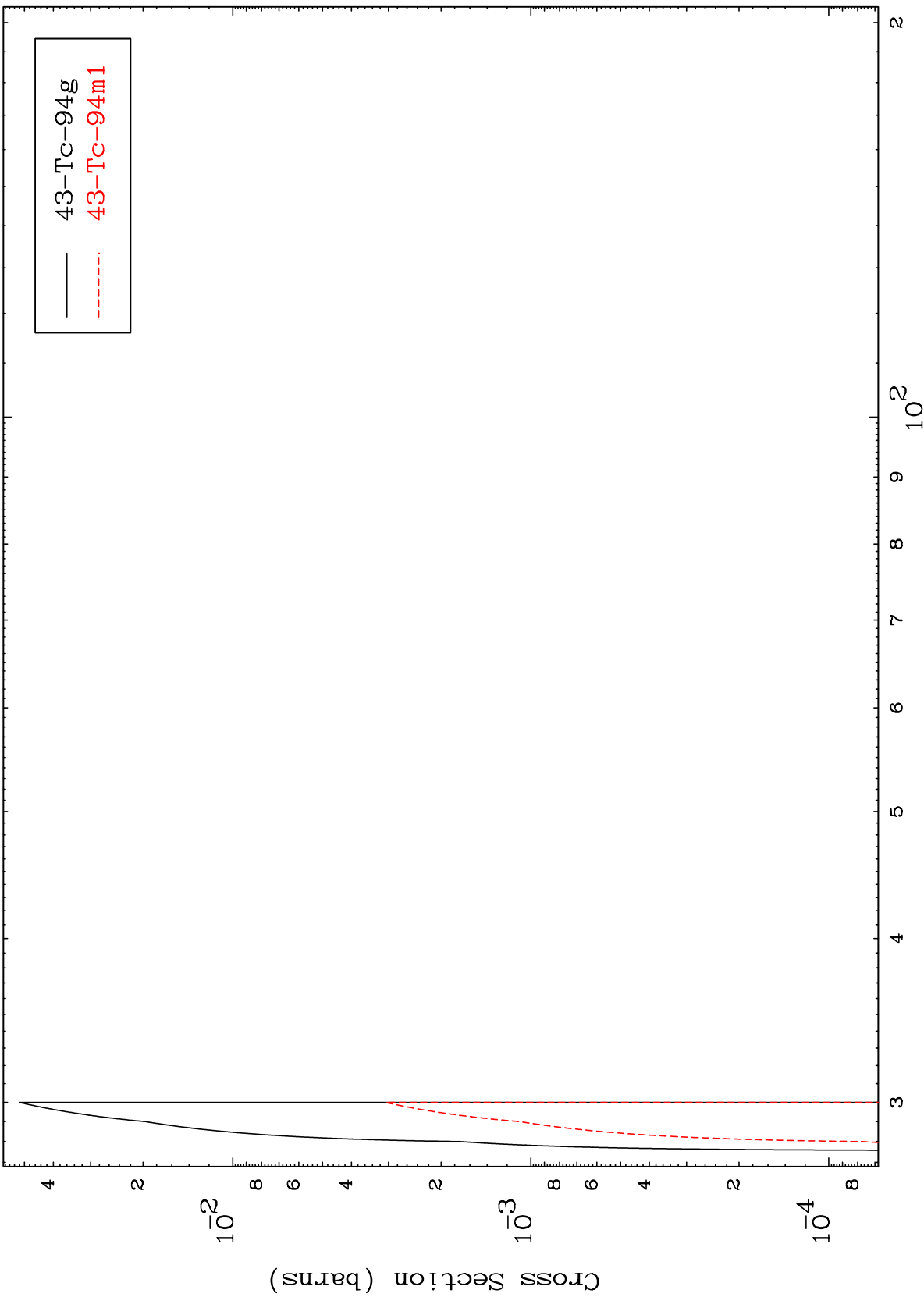
Incident Energy (MeV)

43-Tc-97

MAT 4319

43-Tc-97

(n,4n)
Radionuclide Production Cross Section



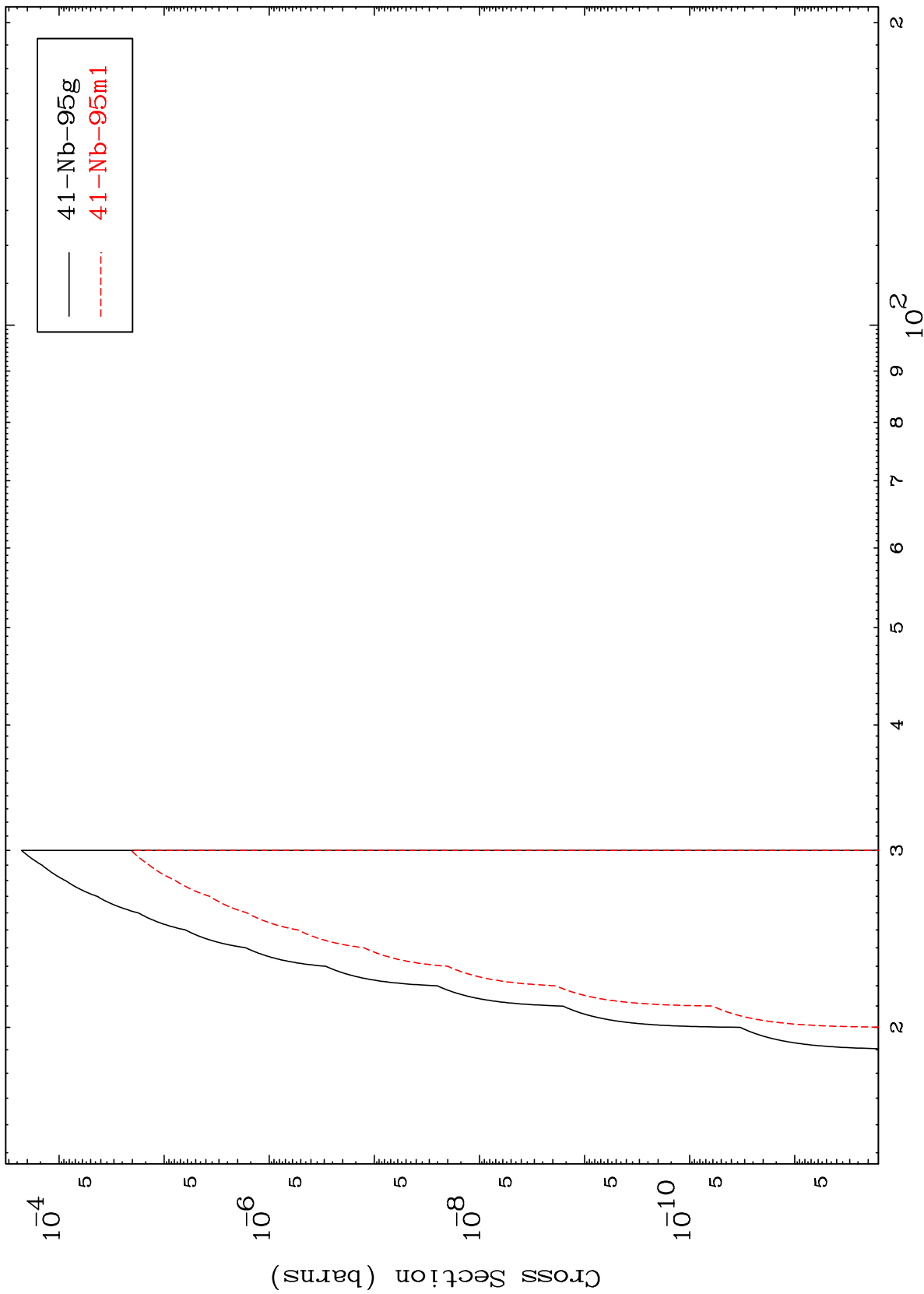
43-Tc-94g
43-Tc-94m1

43-Tc-97

Incident Energy (MeV)

125

(n,2n) p
Radionuclide Production Cross Section



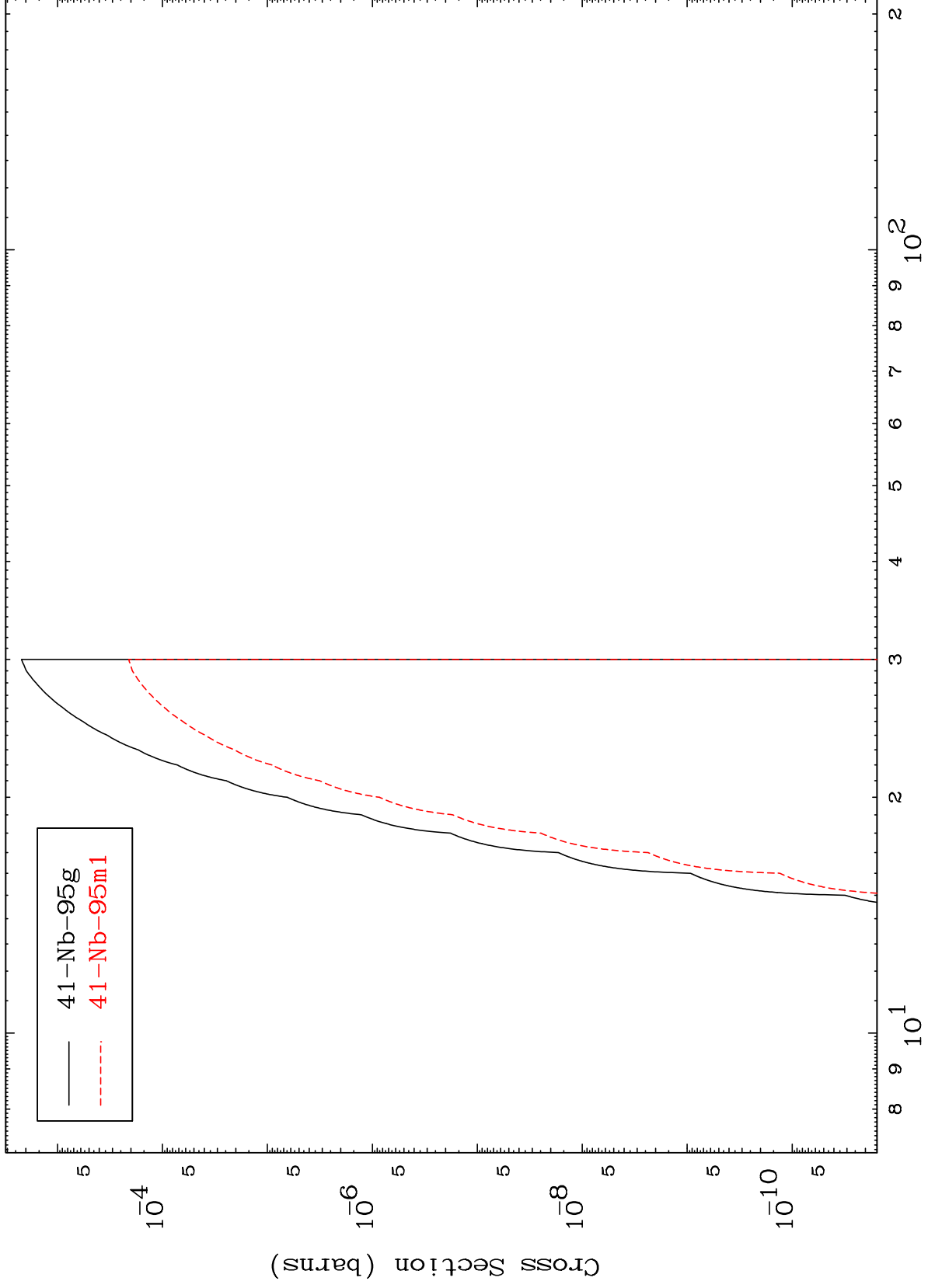
41-Nb-95g
41-Nb-95m1

MAT 4319

(n,He-3)

43-Tc-97

Radionuclide Production Cross Section



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

127

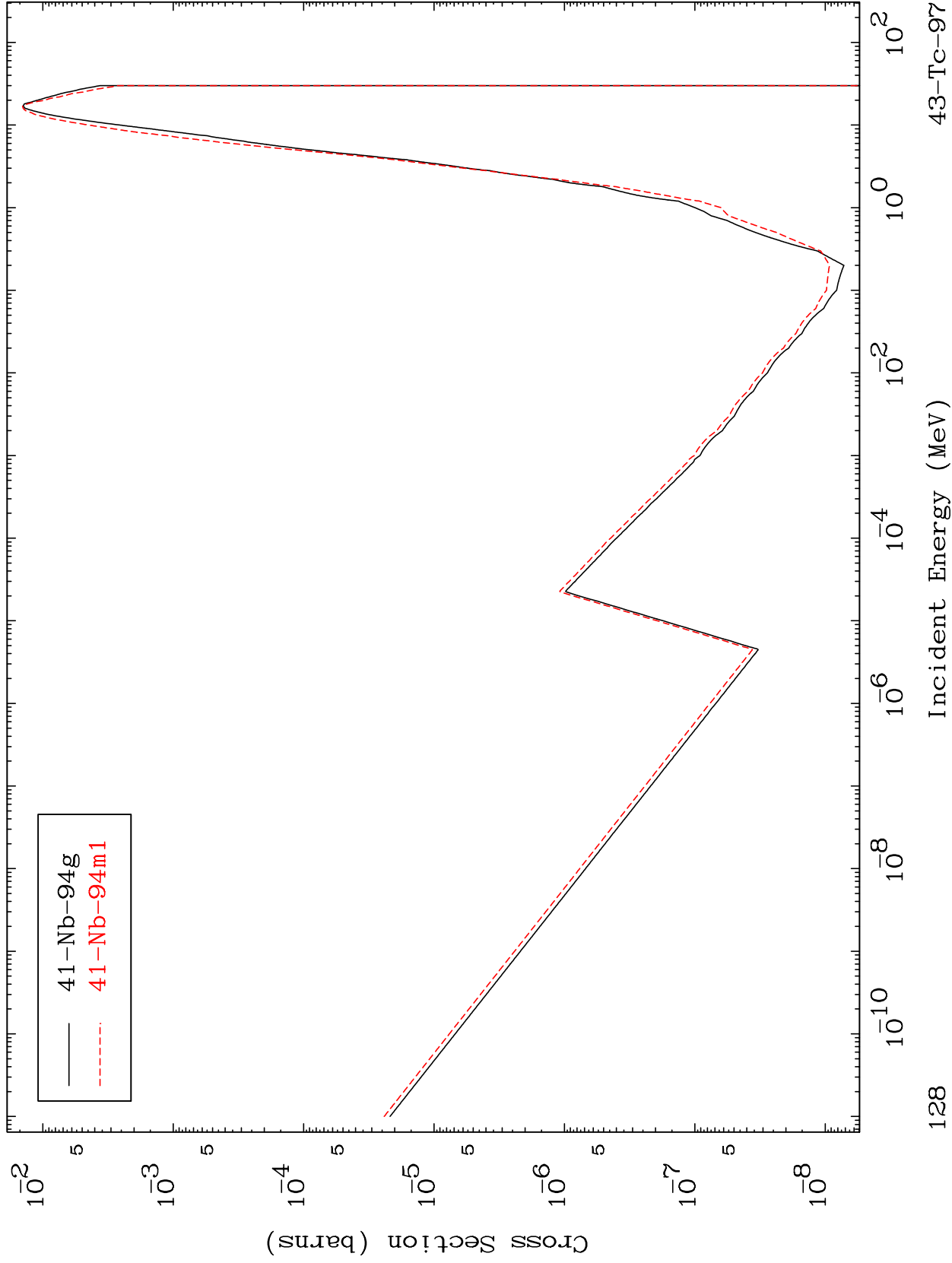
Incident Energy (MeV)

43-Tc-97

MAT 4319

43-Tc-97

(n, α)
Radionuclide Production Cross Section

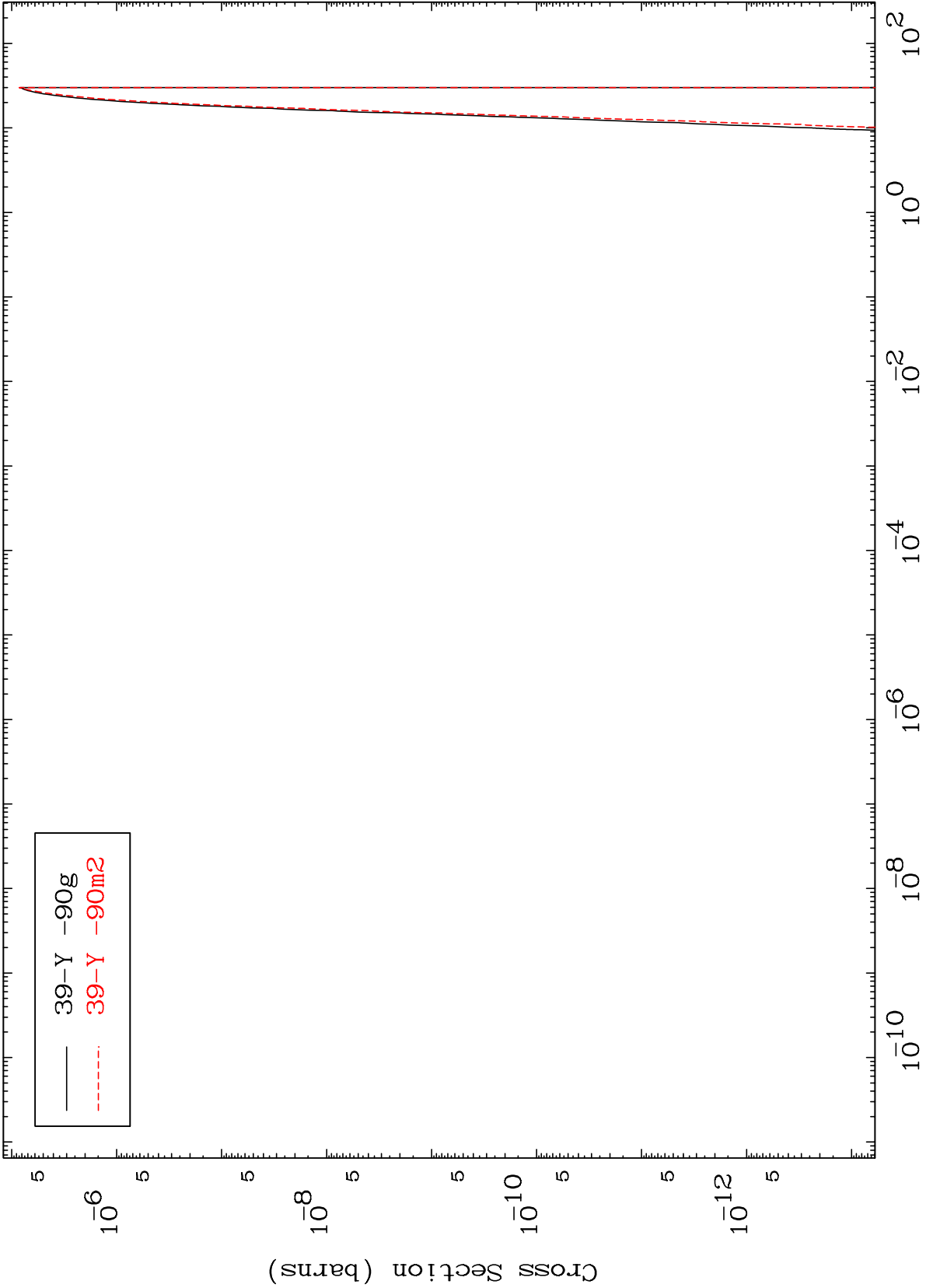


MAT 4319

(n,2α)

43-Tc-97

Radionuclide Production Cross Section



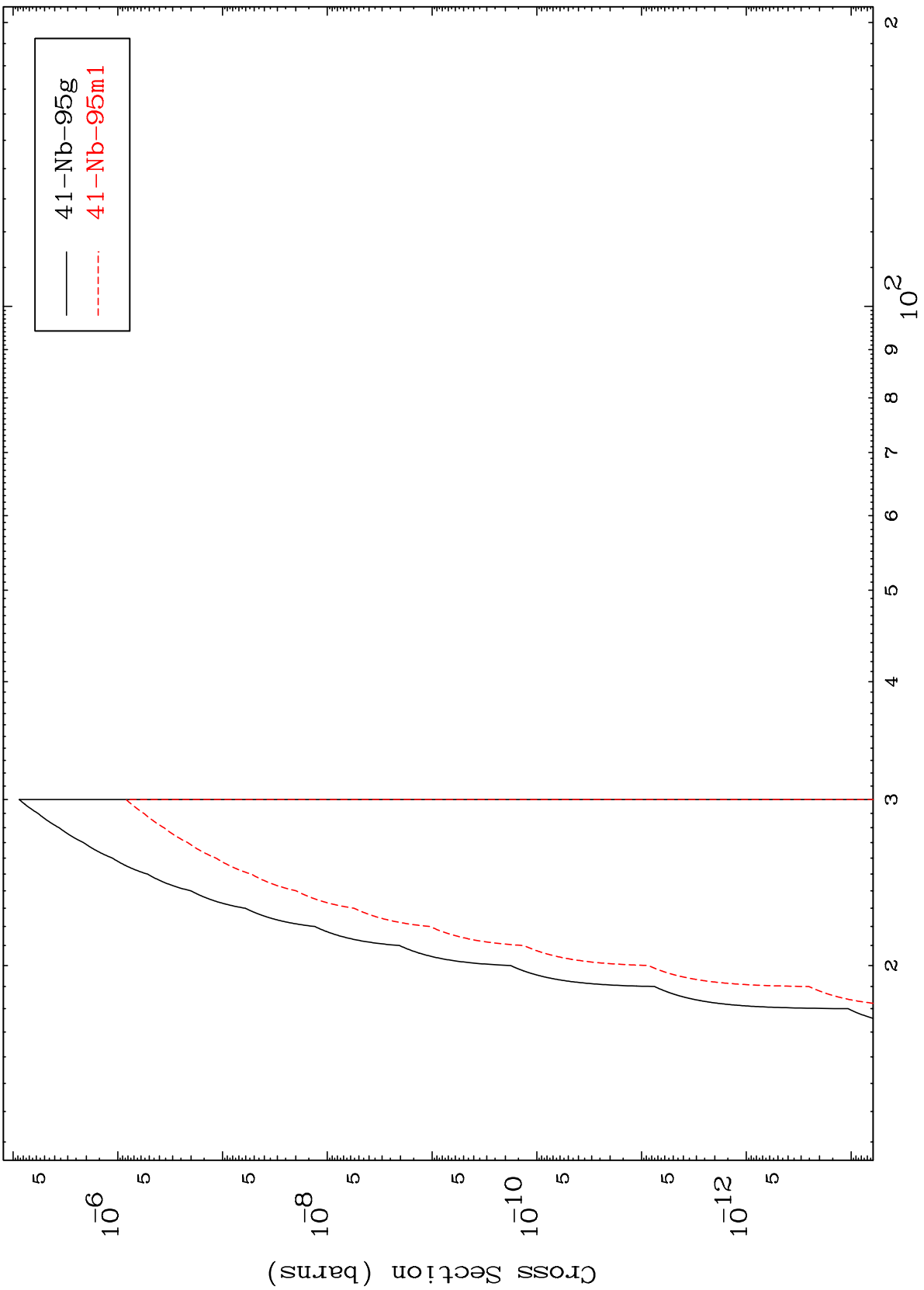
43-Tc-97

MAT 4319

(n,p) d

43-Tc-97

Radionuclide Production Cross Section



130

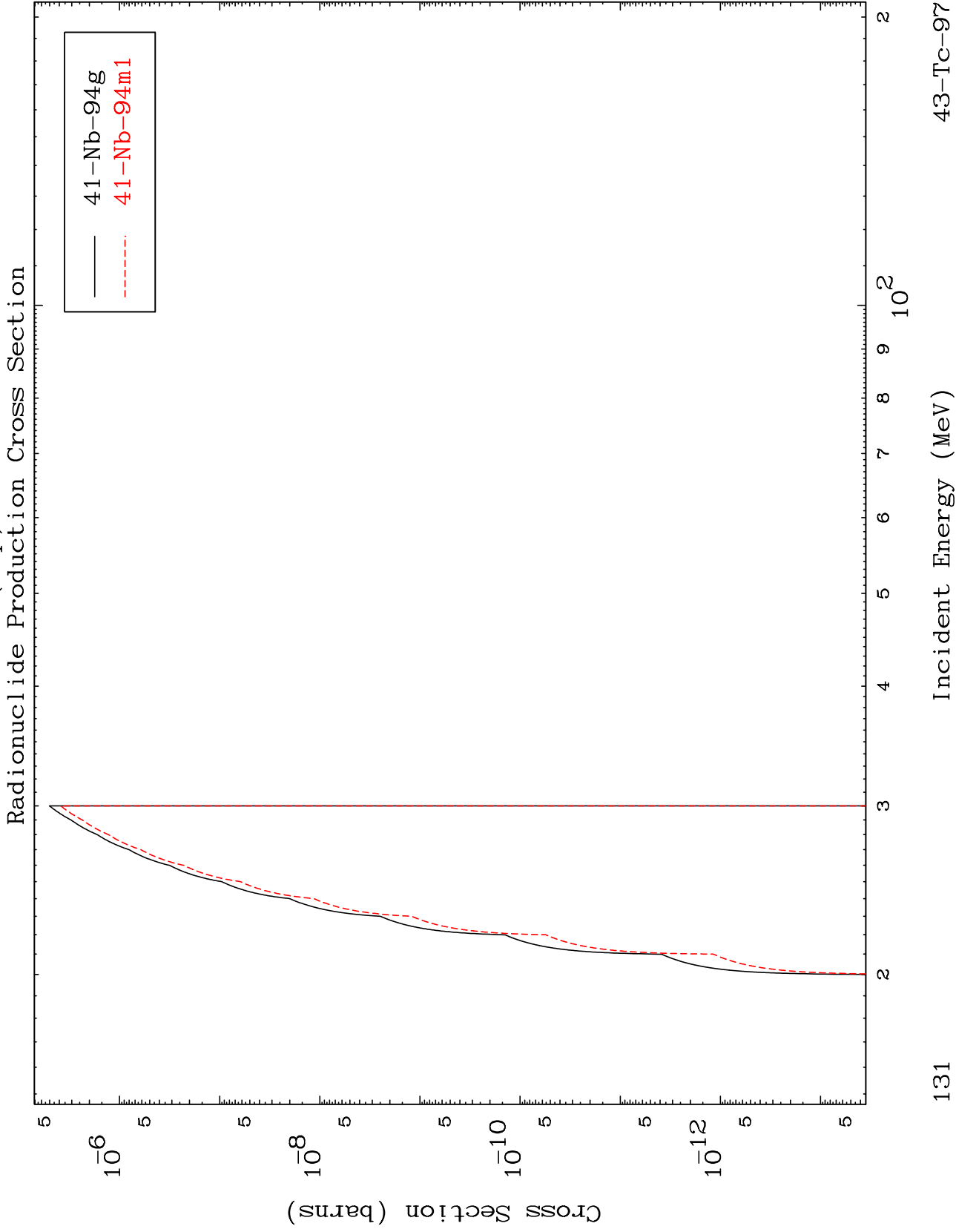
Incident Energy (MeV)

43-Tc-97

MAT 4319

(n,p) t

43-Tc-97



131