

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

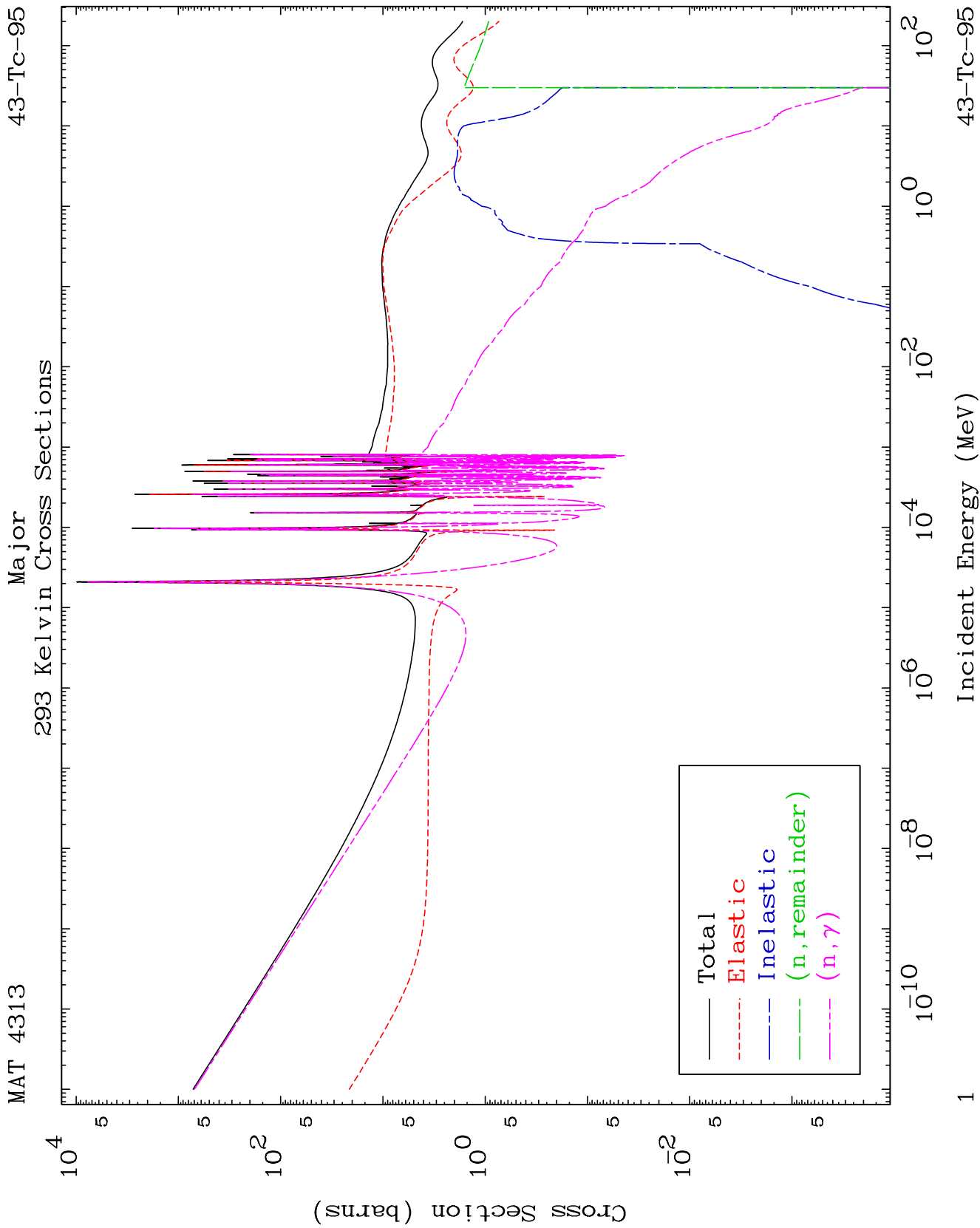
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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

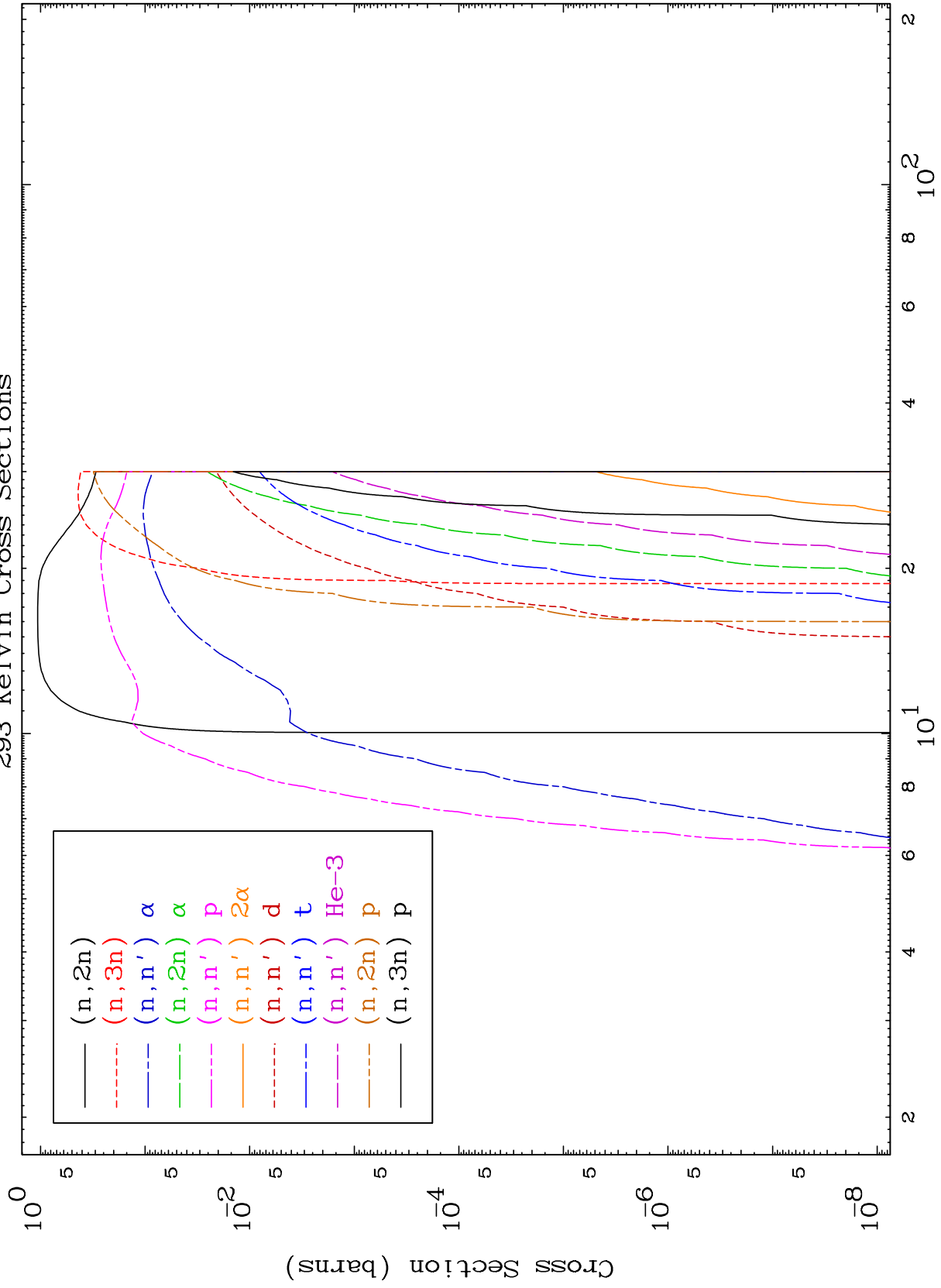
Press Mouse Button to Start



MAT 4313

Neutron Production
293 Kelvin Cross Sections

43-Tc-95



2

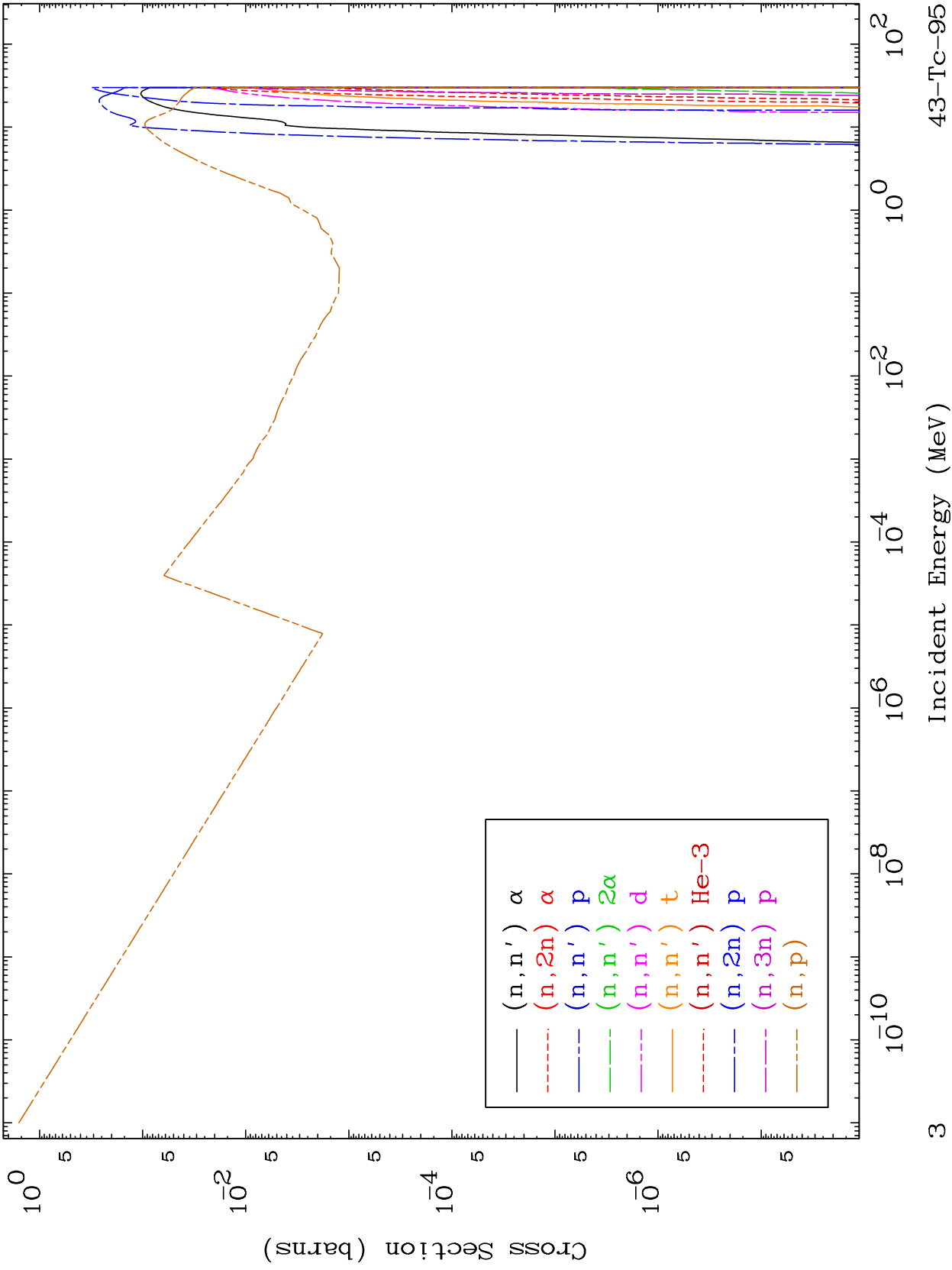
Incident Energy (MeV)

43-Tc-95

MAT 4313

Charged Particle
293 Kelvin Cross Sections

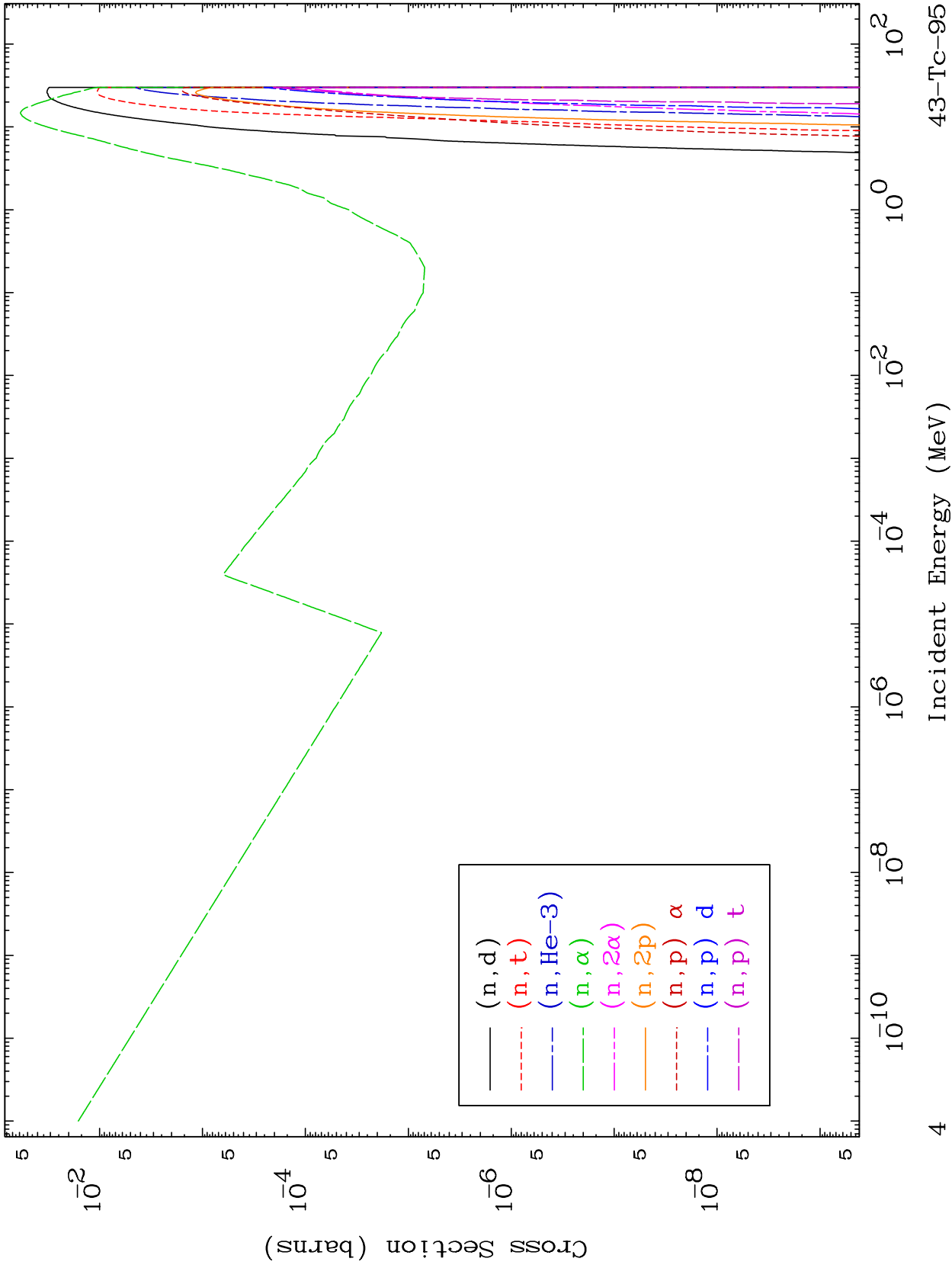
43-Tc-95



MAT 4313

Charged Particle
293 Kelvin Cross Sections

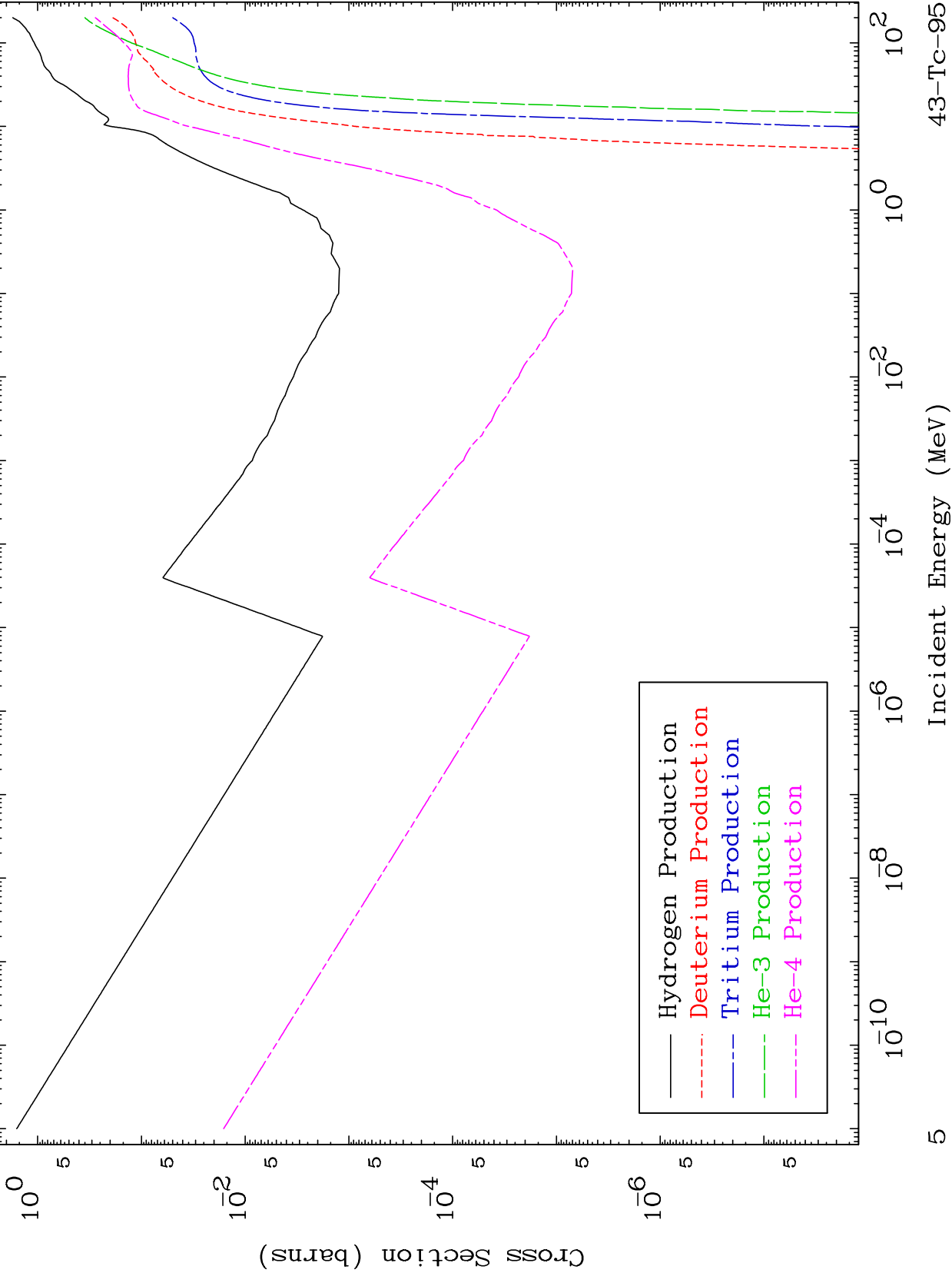
43-Tc-95



MAT 4313

Particle Production
293 Kelvin Cross Sections

43-Tc-95

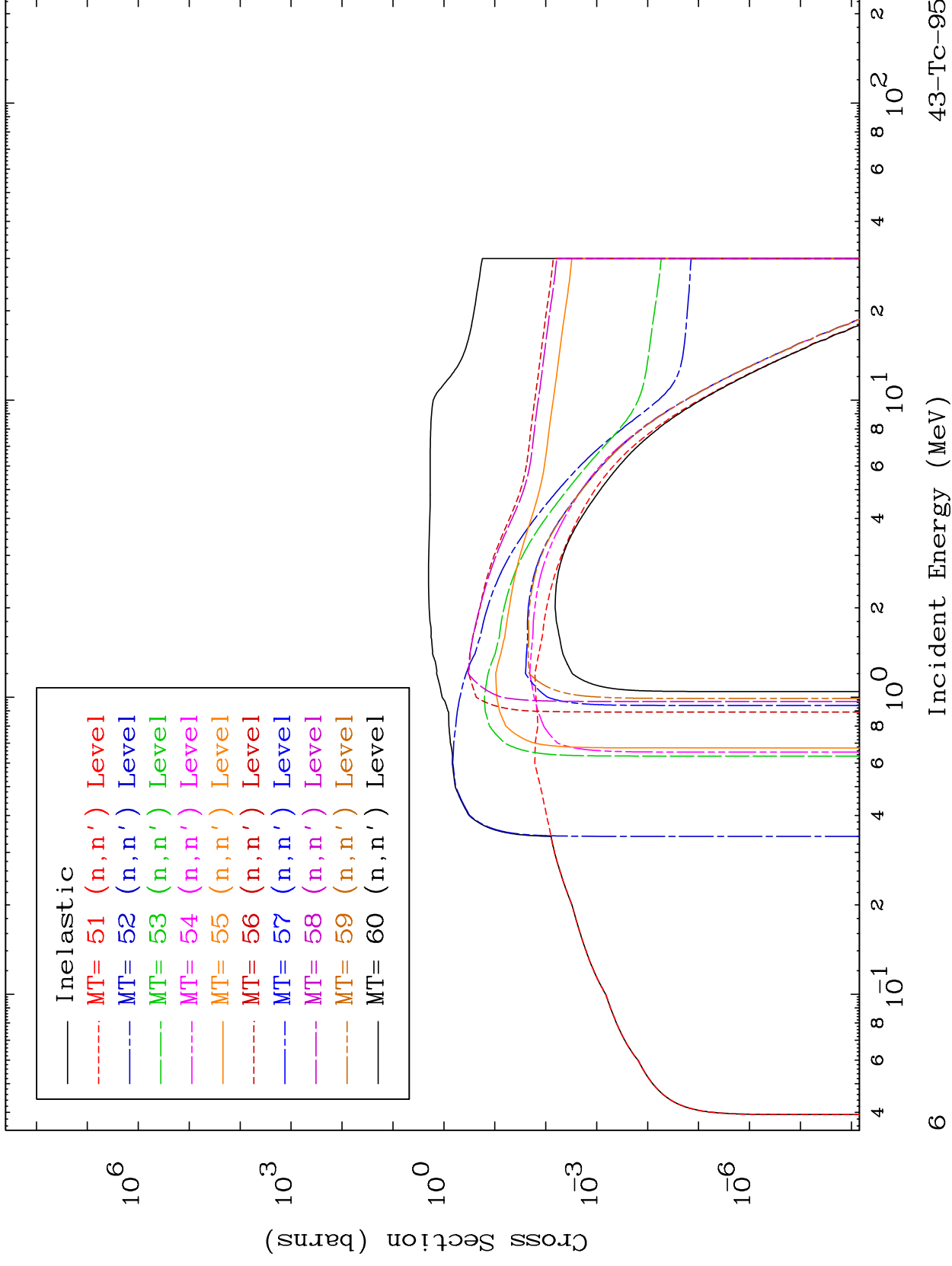


MAT 4313

(n,n') Level

43-Tc-95

293 Kelvin Cross Sections

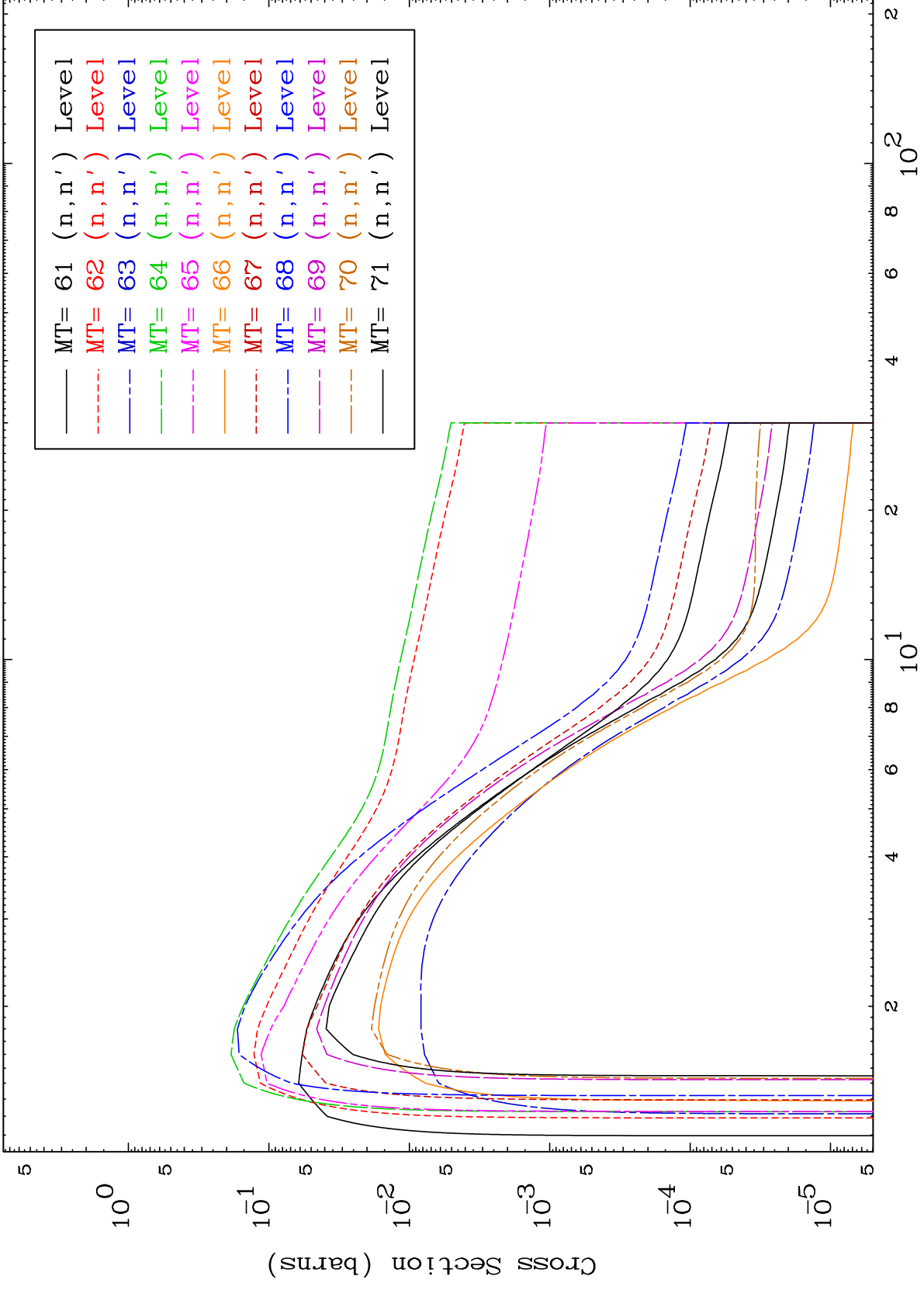


MAT 4313

(n,n') Level

43-Tc-95

293 Kelvin Cross Sections



7

Incident Energy (MeV)

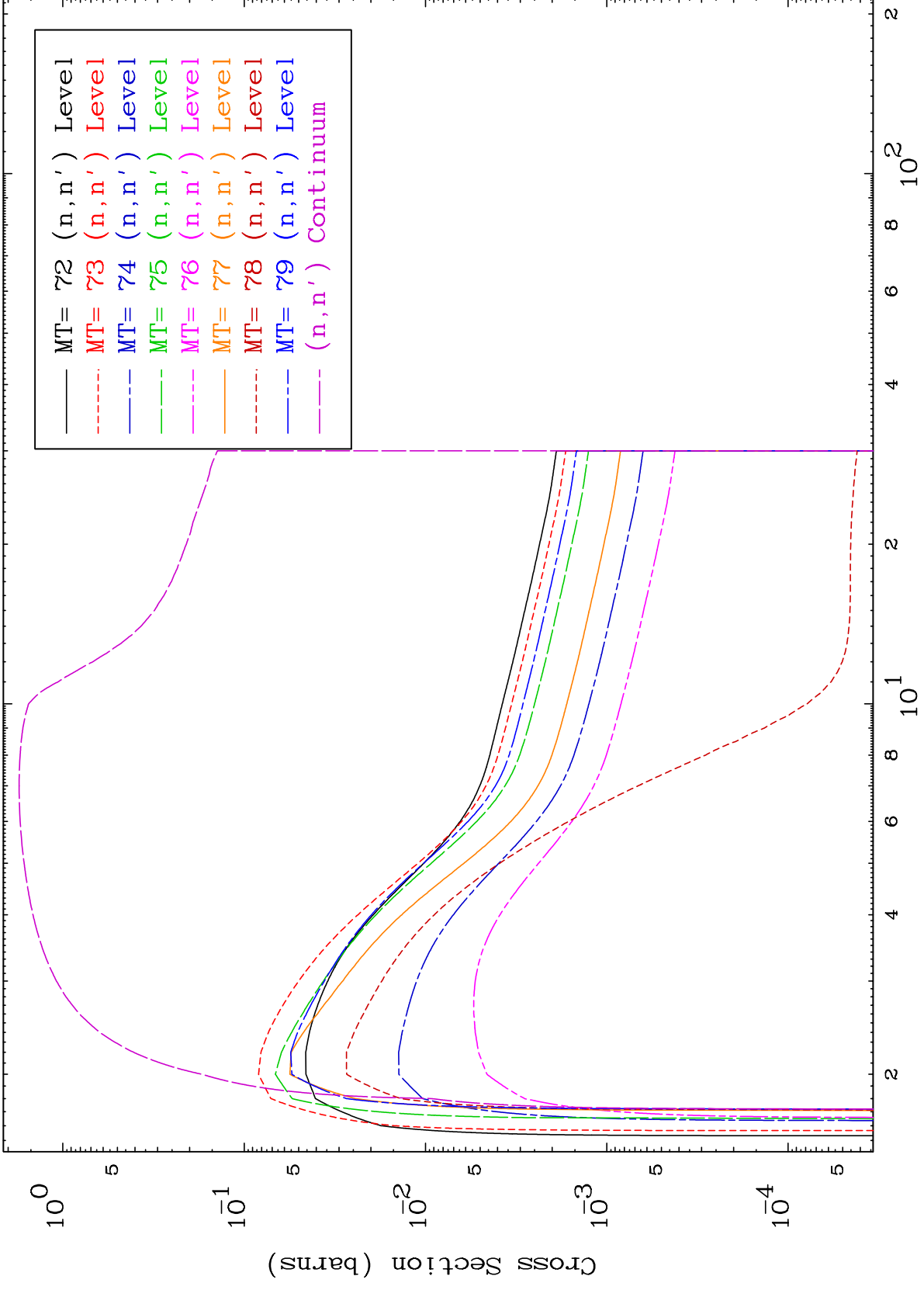
43-Tc-95

MAT 4313

(n,n') Level

43-Tc-95

293 Kelvin Cross Sections



8

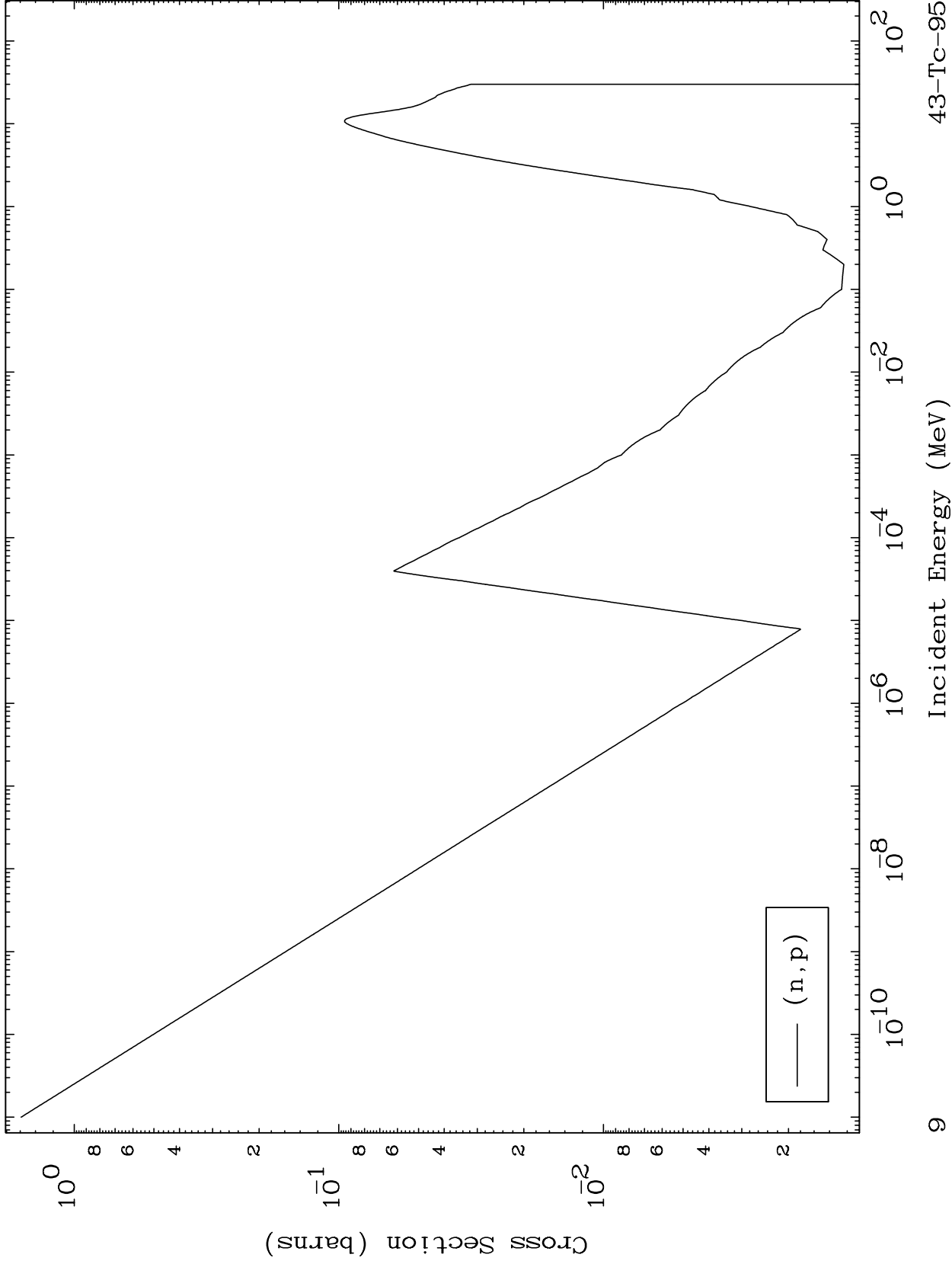
Incident Energy (MeV)

43-Tc-95

MAT 4313

(n,p) Levels
293 Kelvin Cross Sections

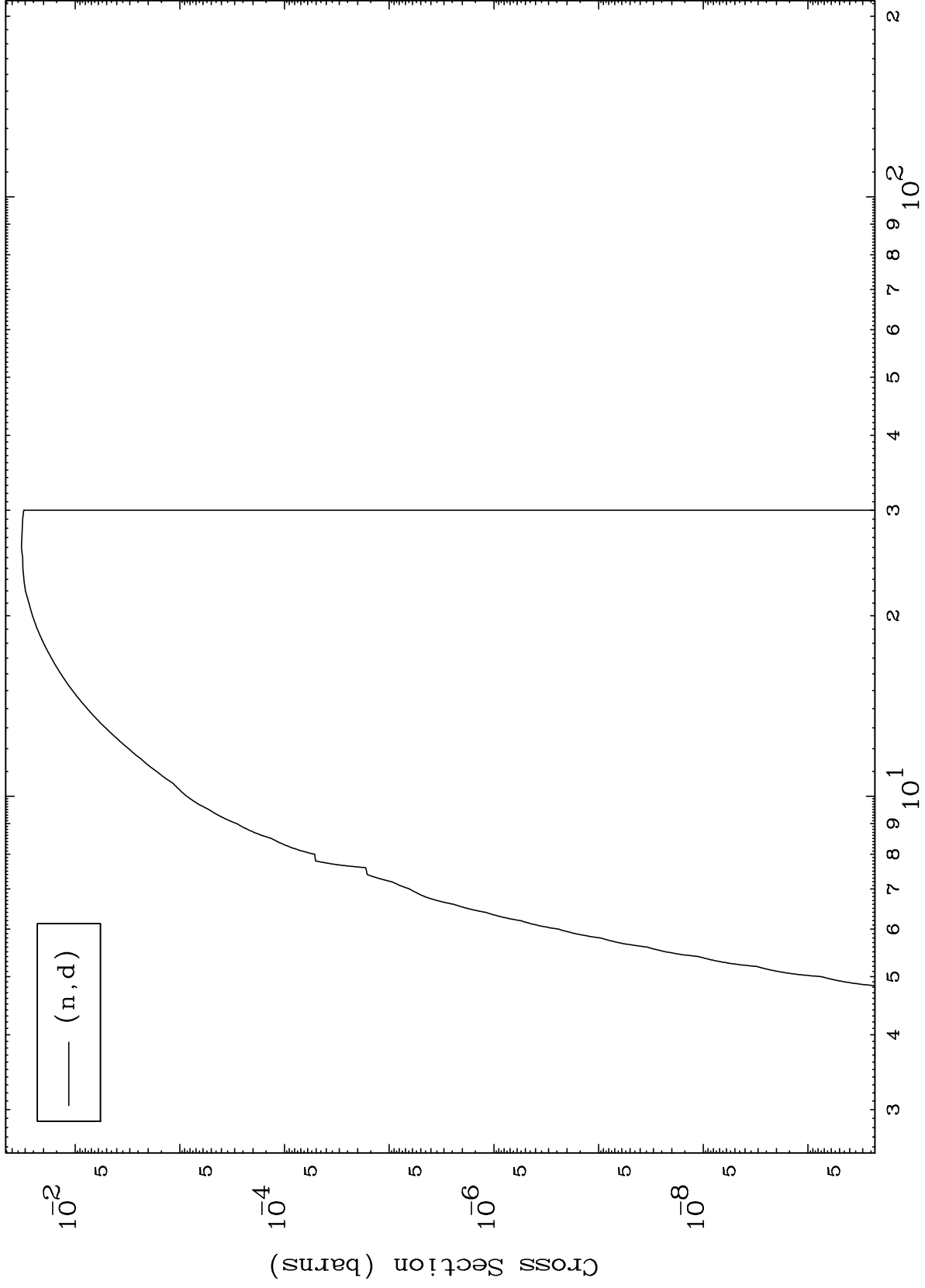
43-Tc-95



MAT 4313

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-95



10

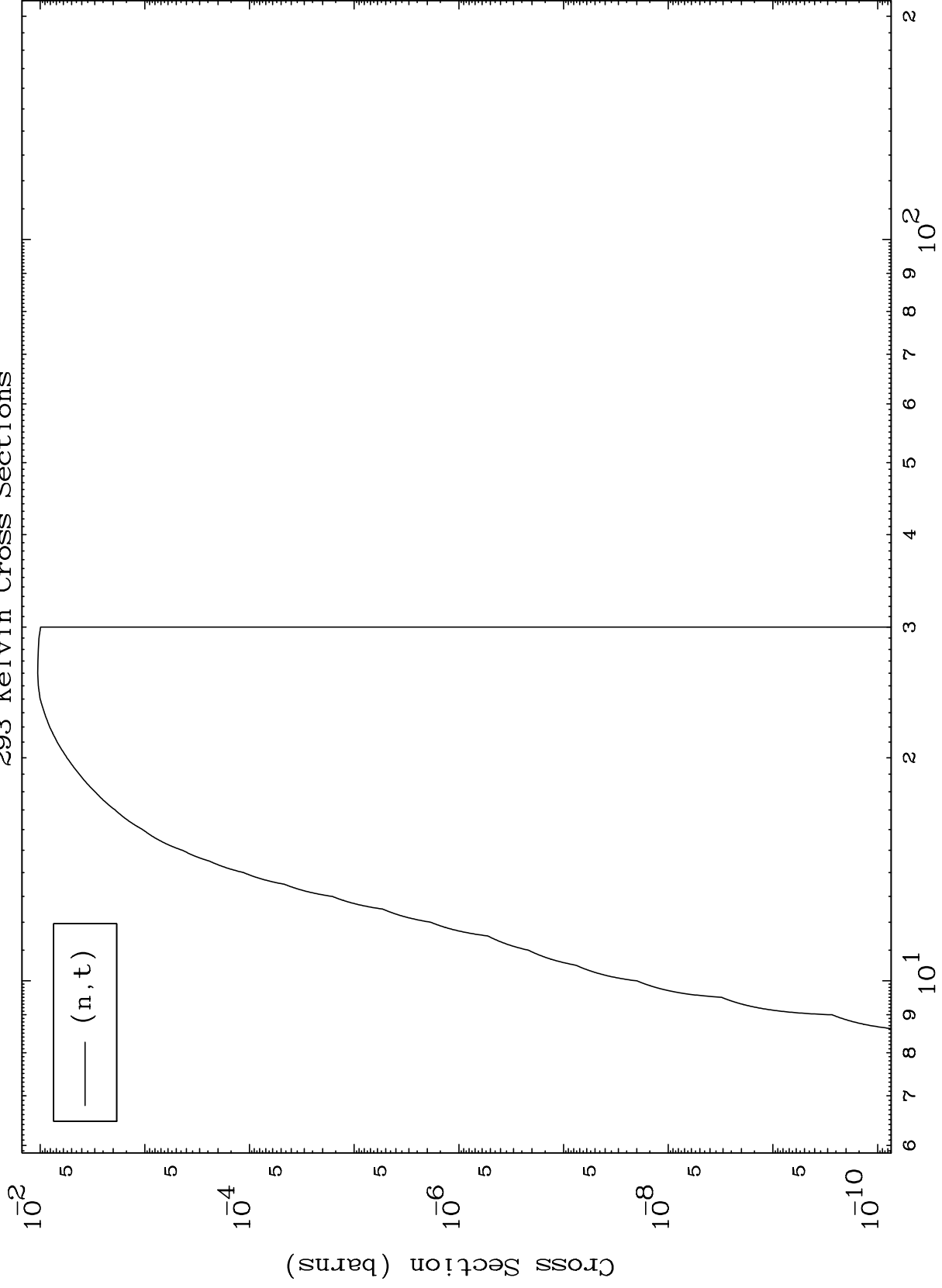
Incident Energy (MeV)

43-Tc-95

MAT 4313

(n,t) Levels
293 Kelvin Cross Sections

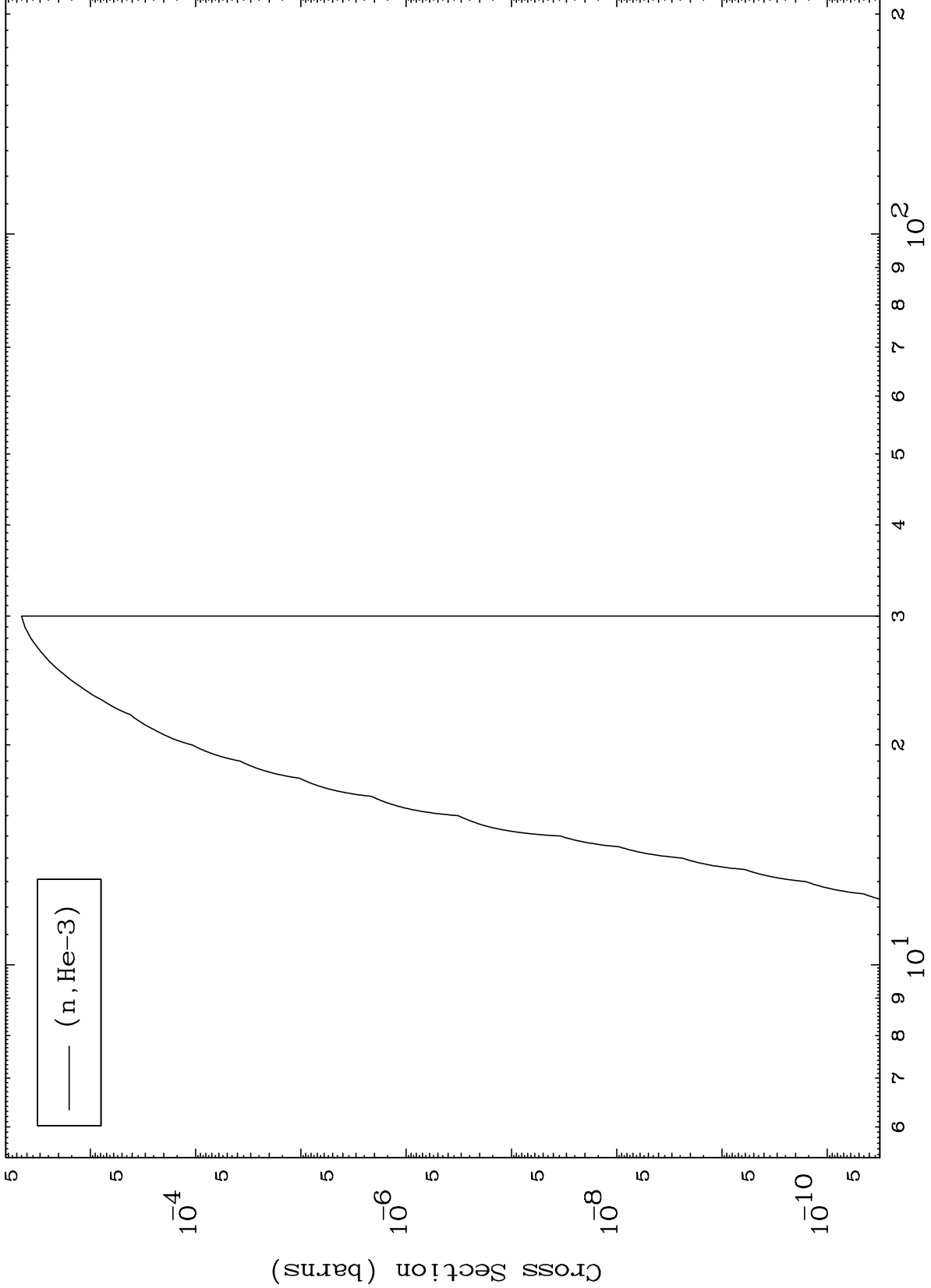
43-Tc-95



MAT 4313

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-95



12

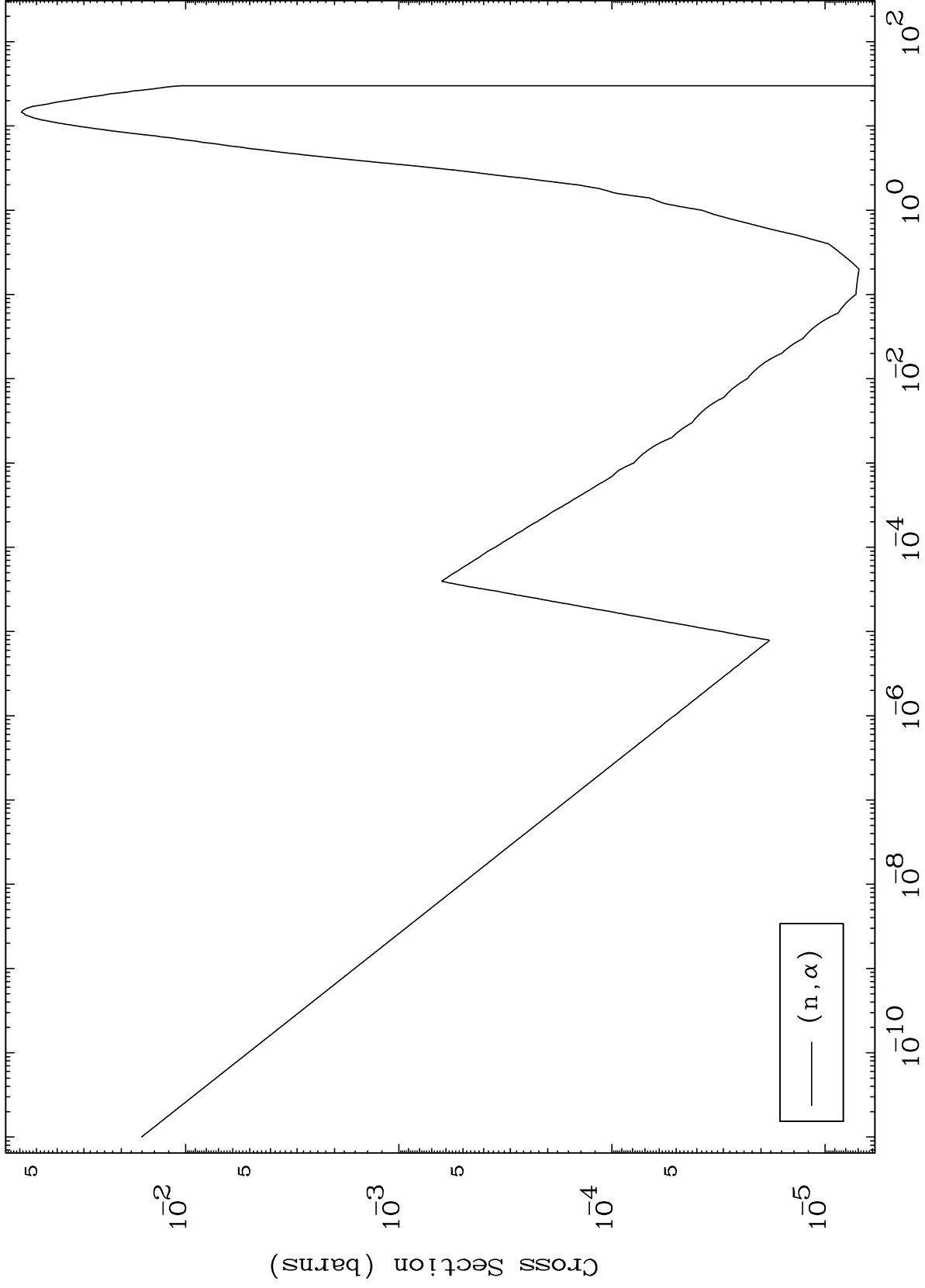
Incident Energy (MeV)

43-Tc-95

MAT 4313

(n, α) Levels
293 Kelvin Cross Sections

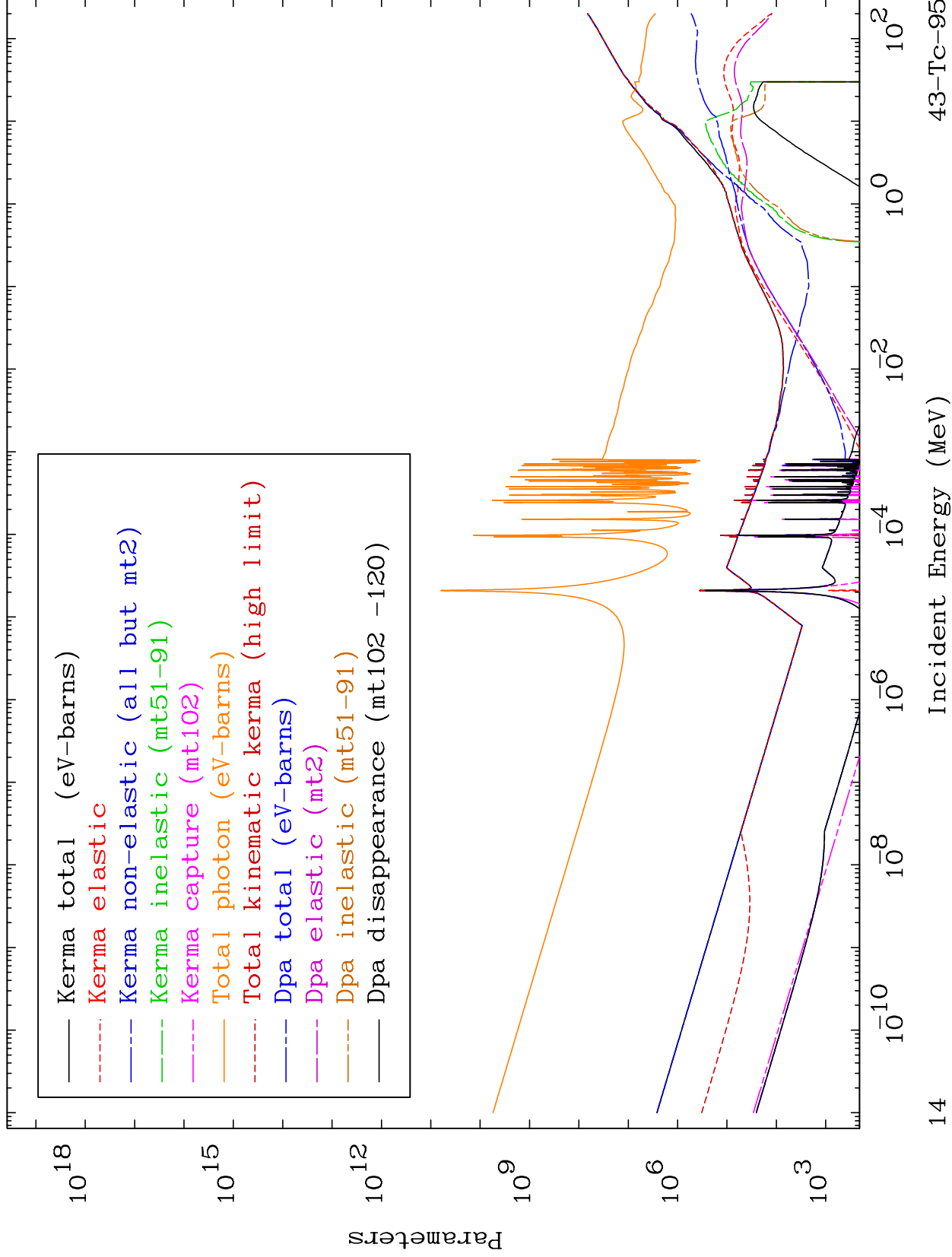
43-Tc-95



13

Incident Energy (MeV)

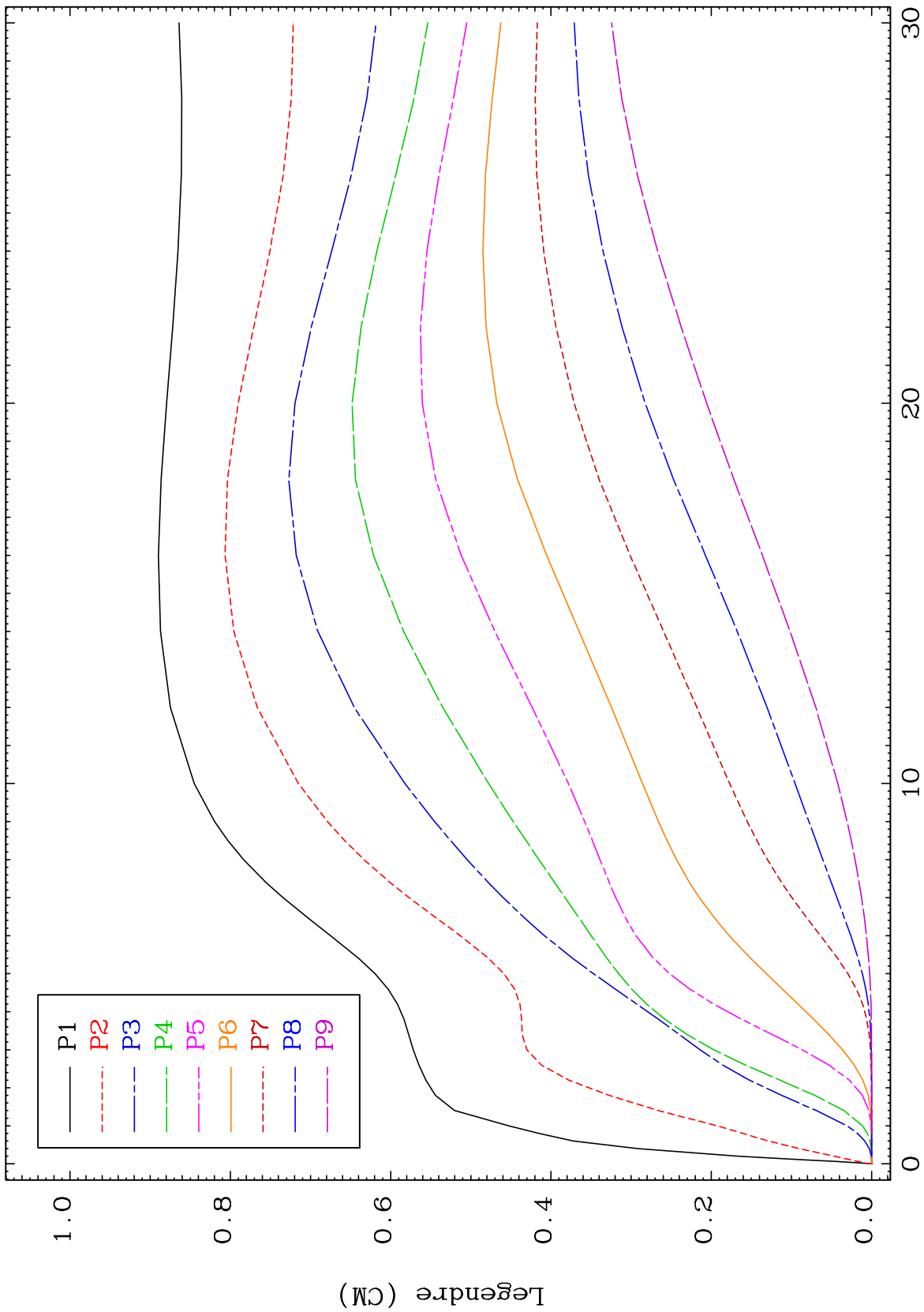
43-Tc-95



MAT 4313

Elastic Legendre Coefficients

43-Tc-95



15

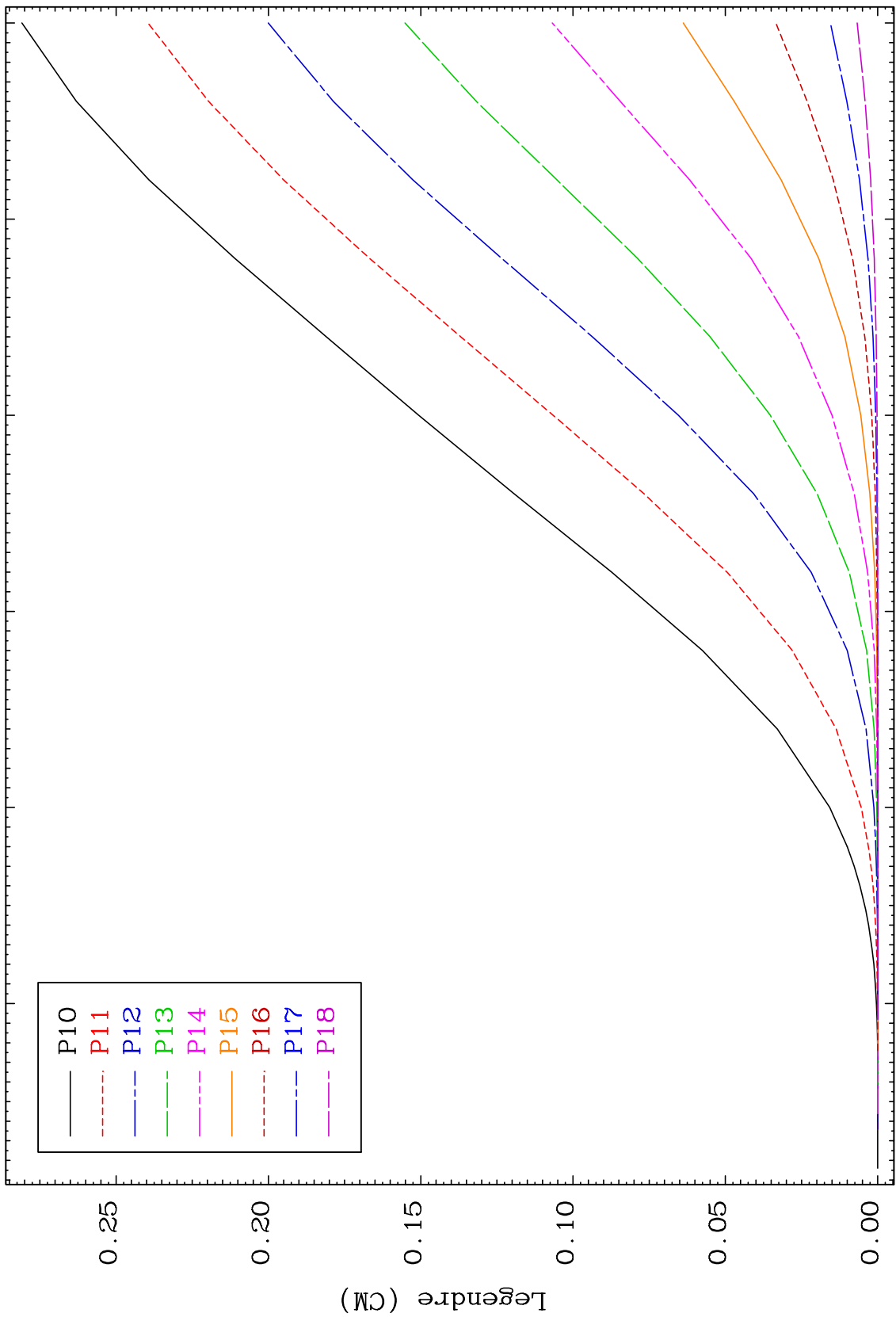
Incident Energy (MeV)

43-Tc-95

MAT 4313

Elastic Legendre Coefficients

43-Tc-95



16

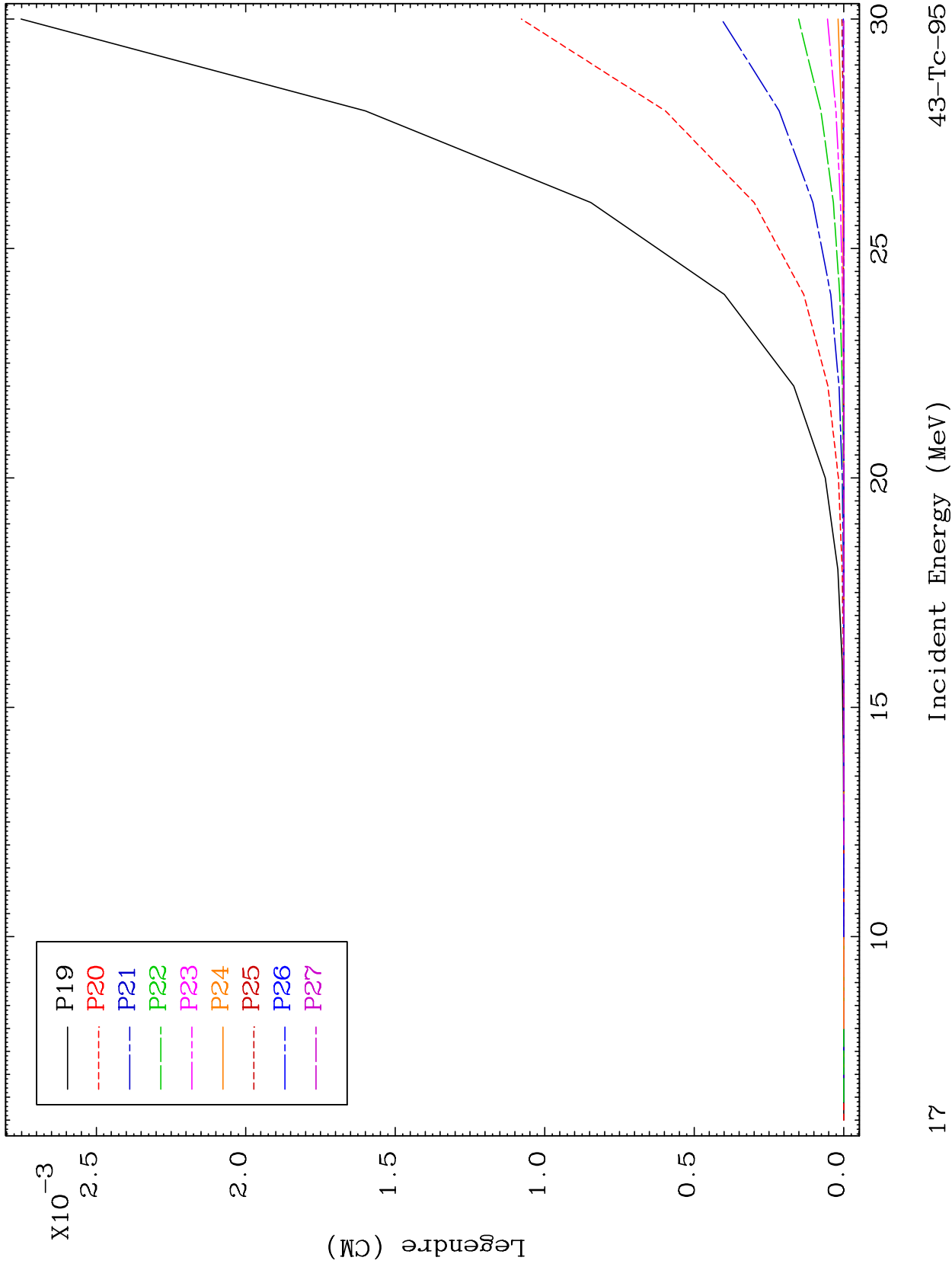
43-Tc-95

Incident Energy (MeV)

MAT 4313

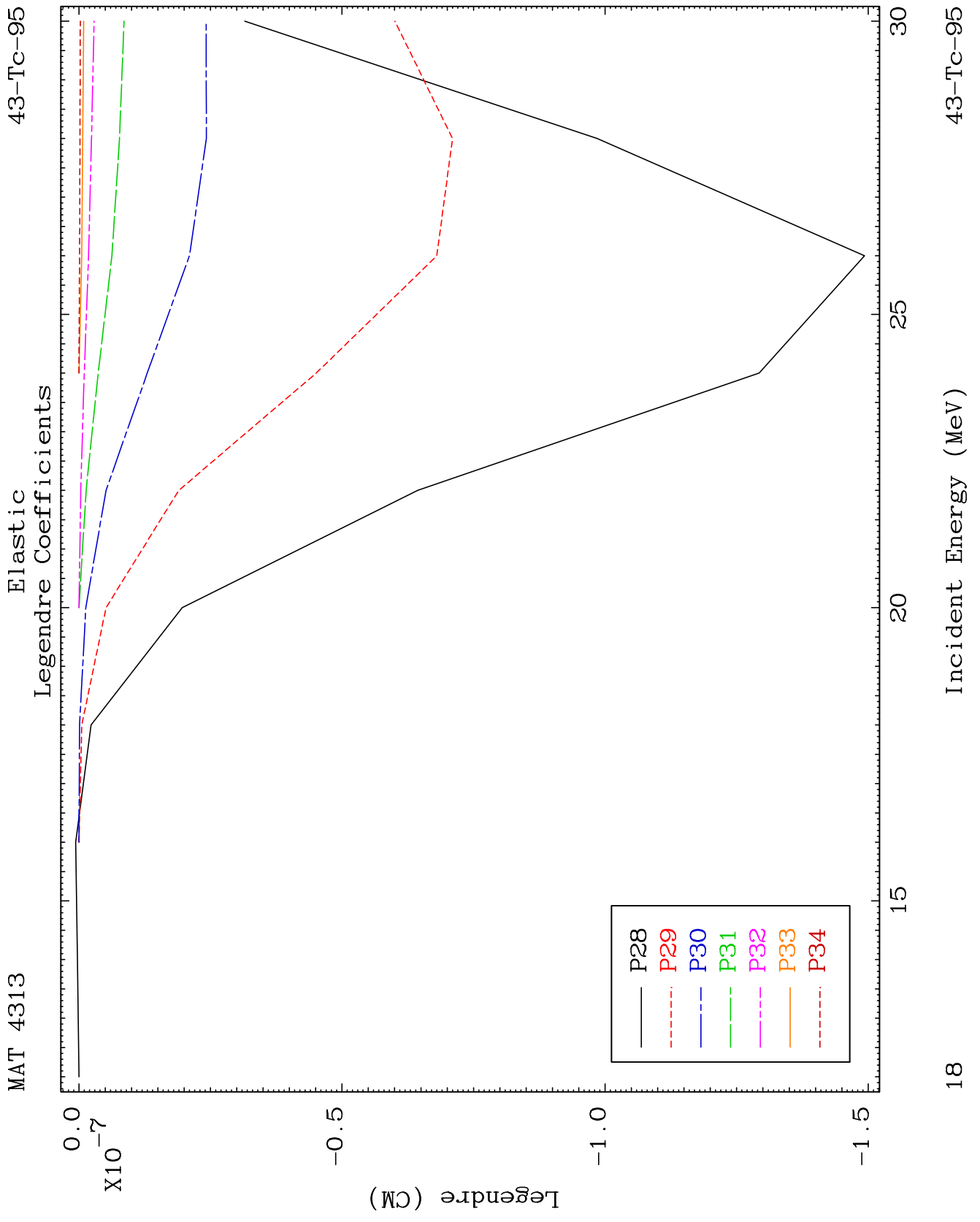
Elastic Legendre Coefficients

43-Tc-95



17

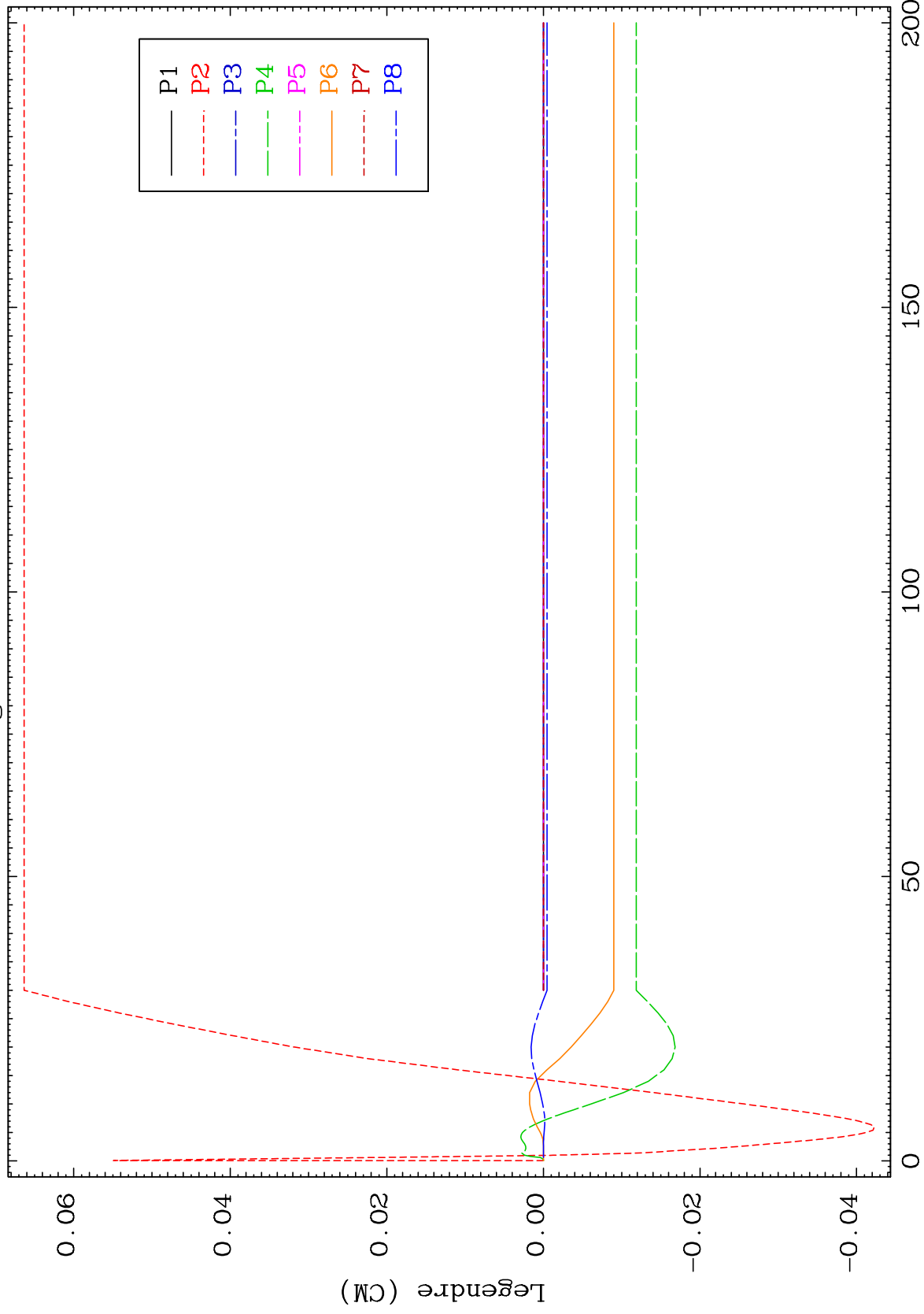
43-Tc-95



MAT 4313

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

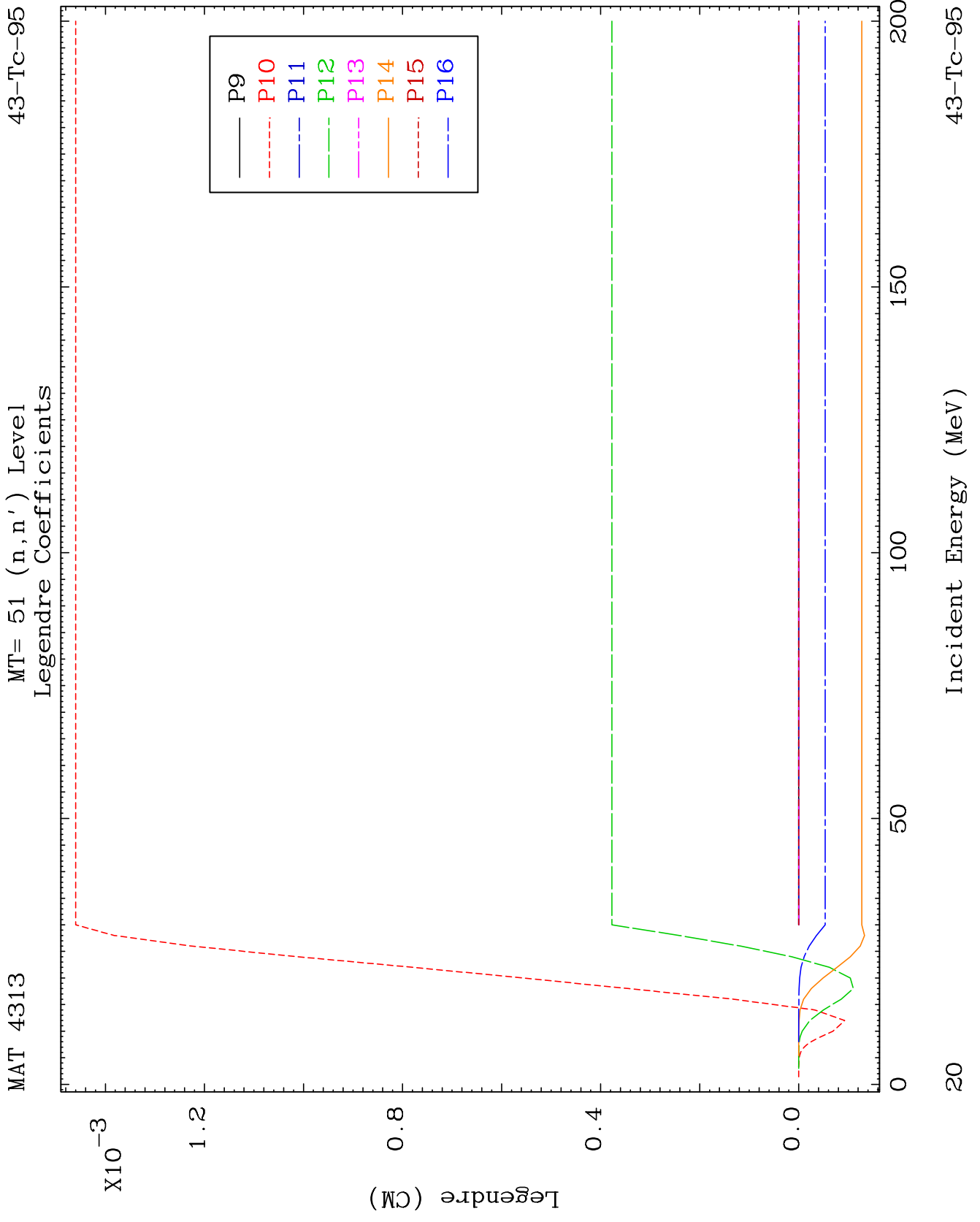
43-Tc-95

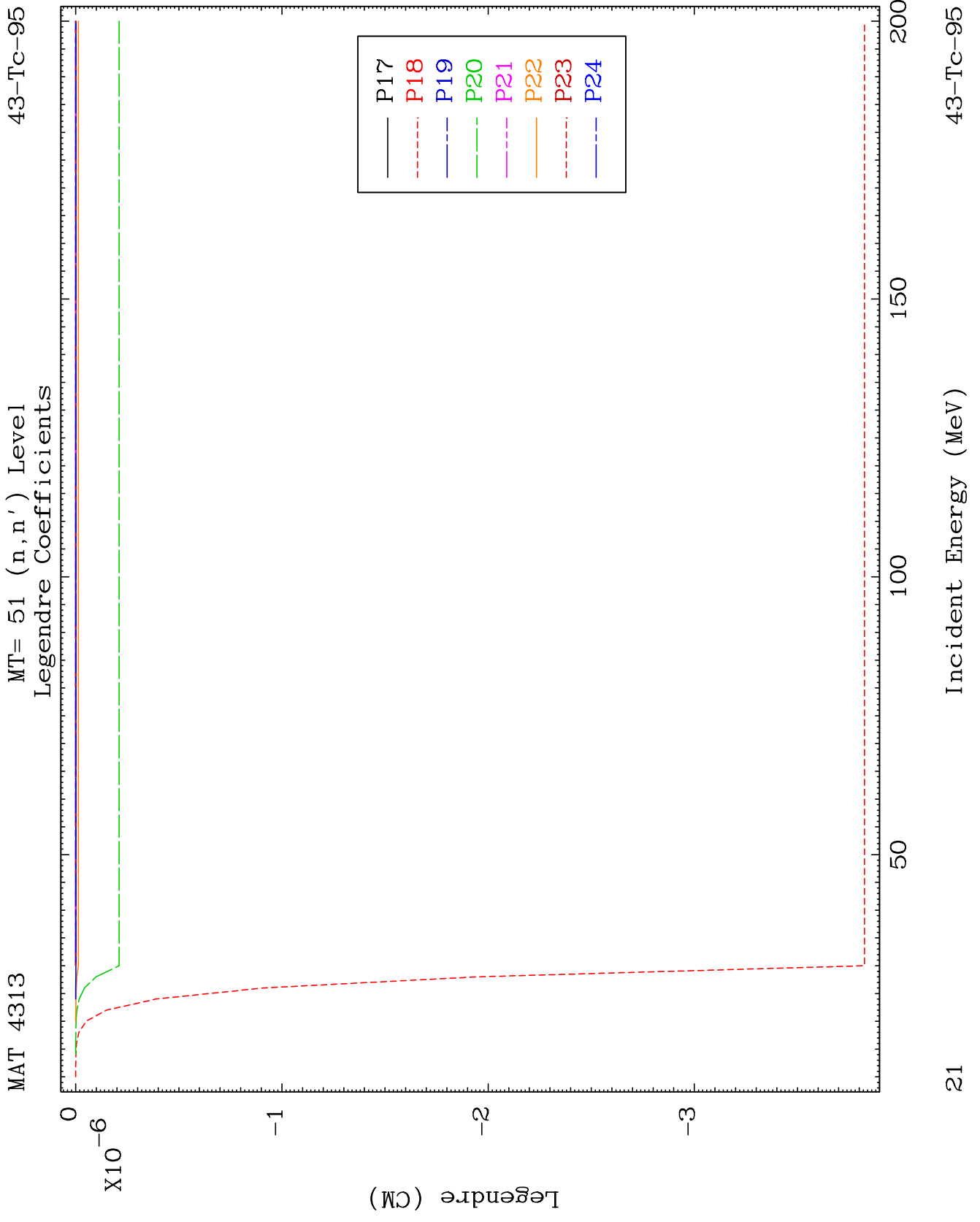


19

Incident Energy (MeV)

43-Tc-95

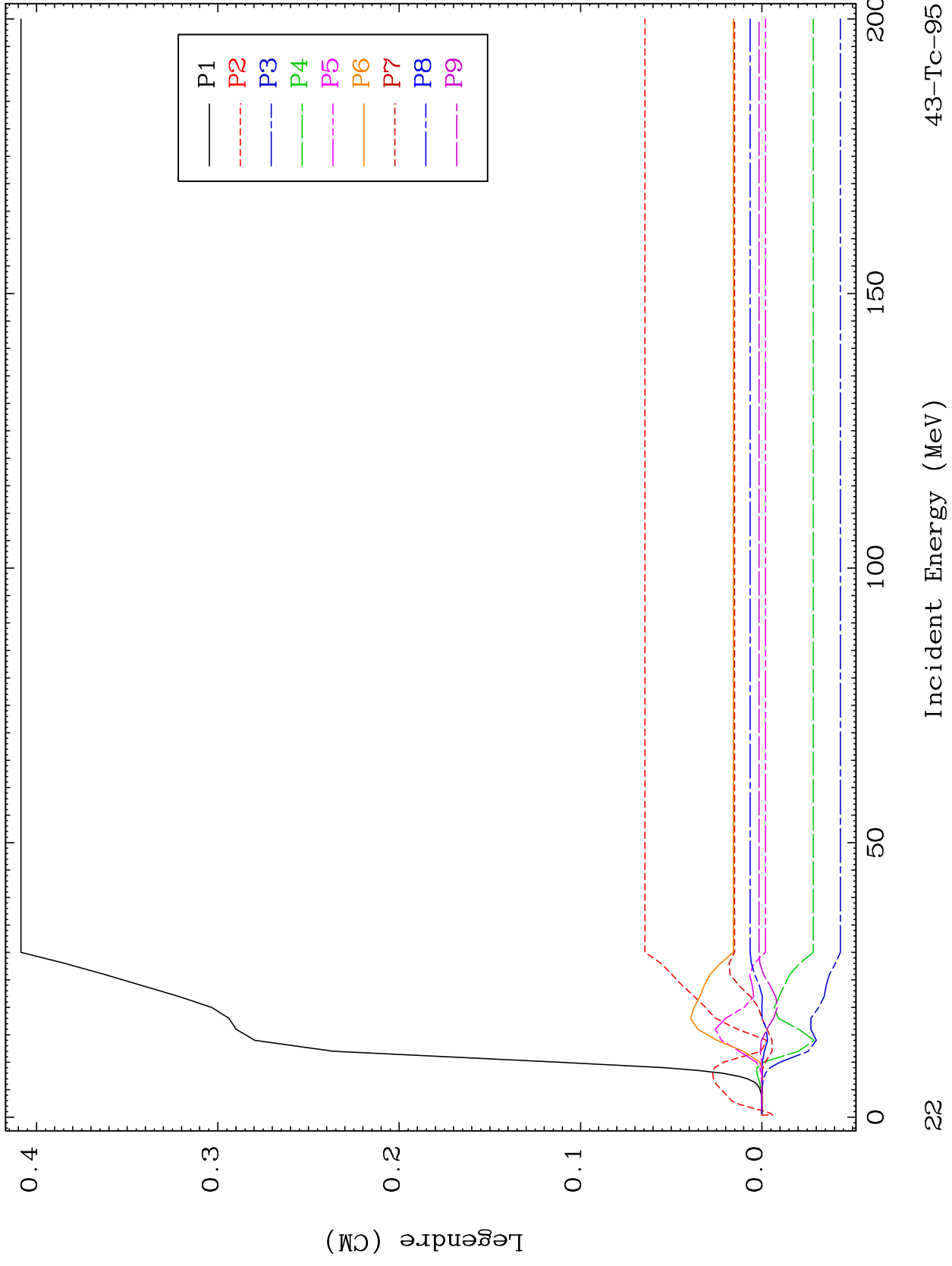




MAT 4313

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

43-Tc-95



22

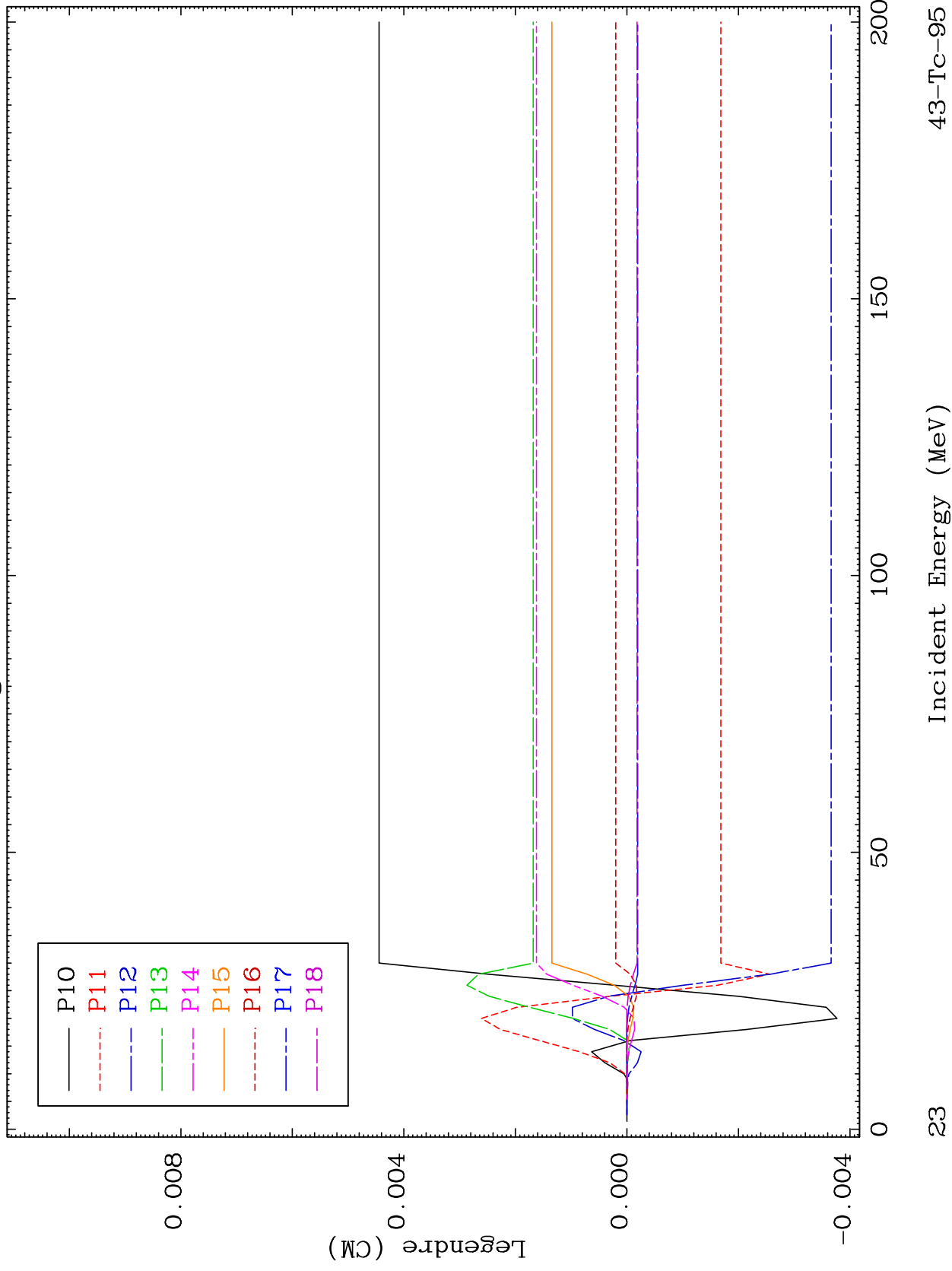
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



23

Incident Energy (MeV)

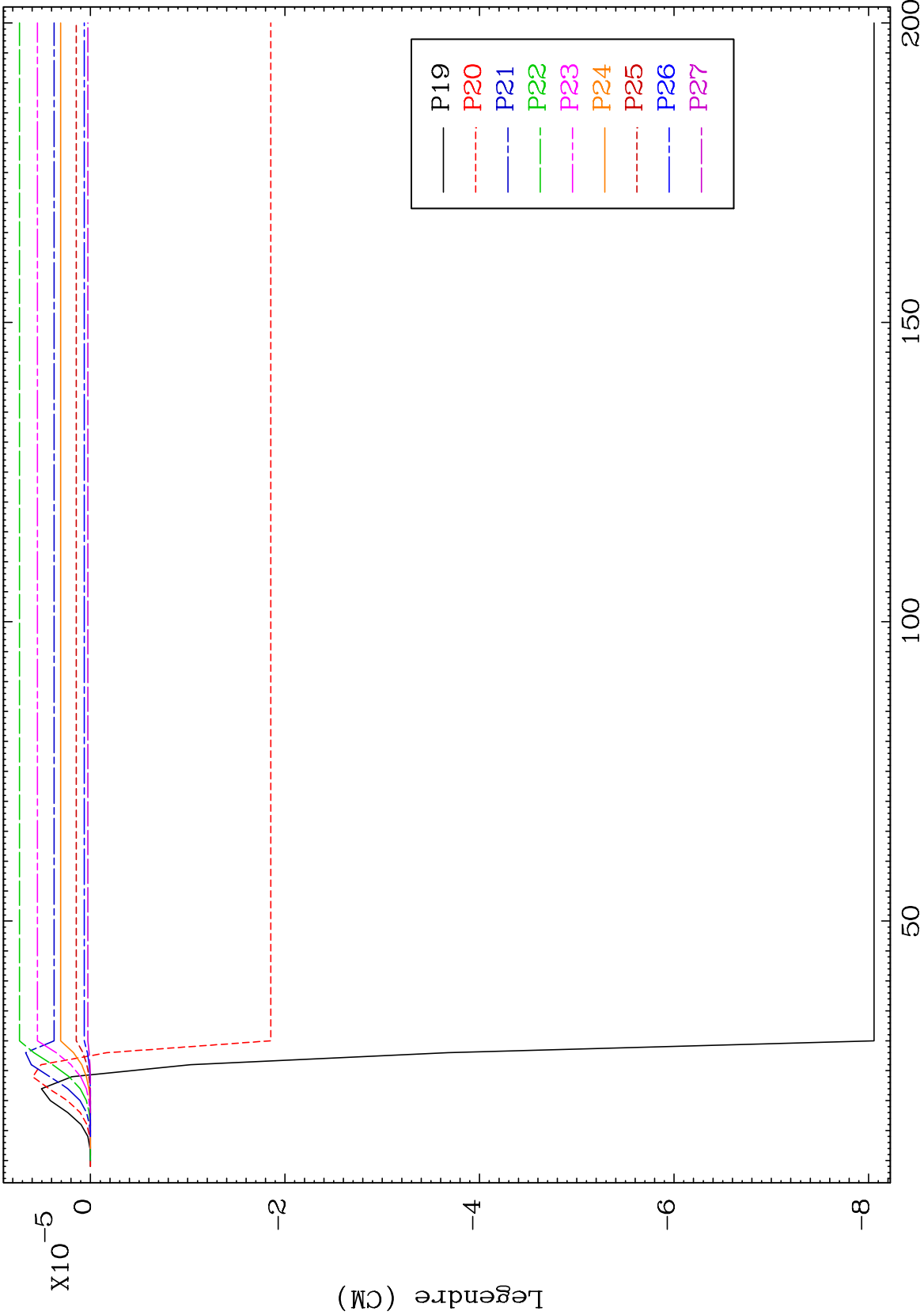
43-Tc-95

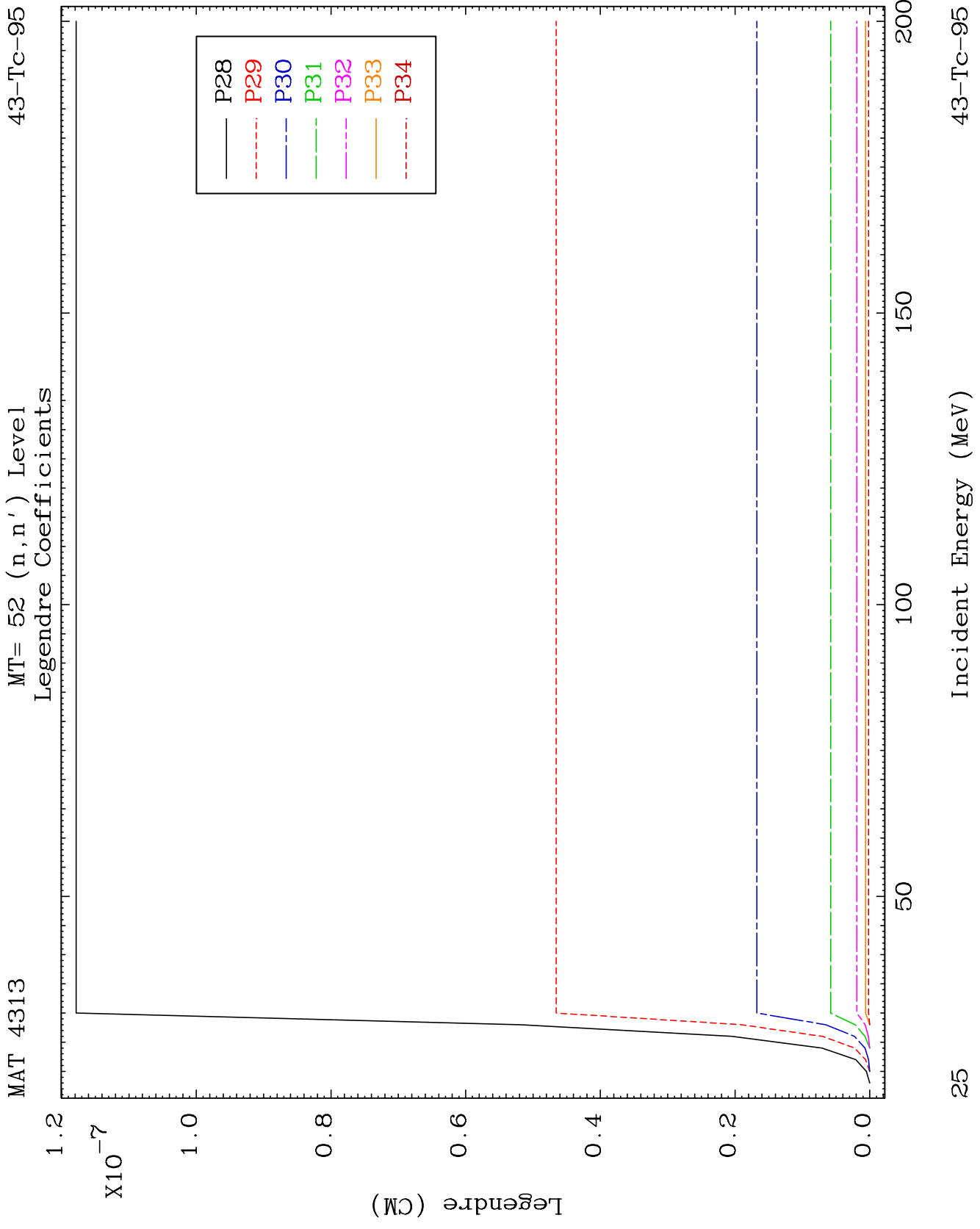
MAT 4313

MT= 52 (n,n') Level

43-Tc-95

Legendre Coefficients

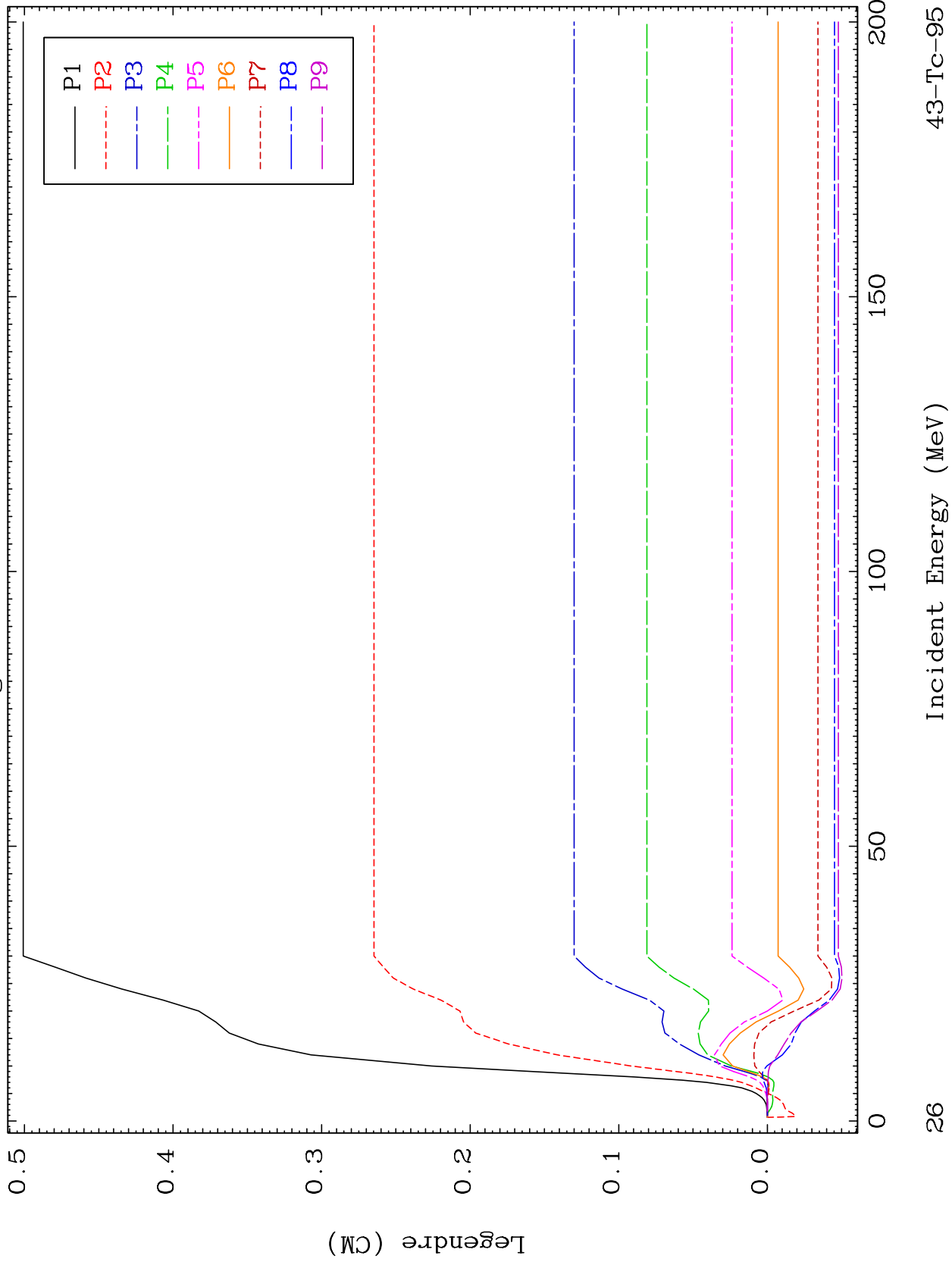




MAT 4313

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

43-Tc-95



26

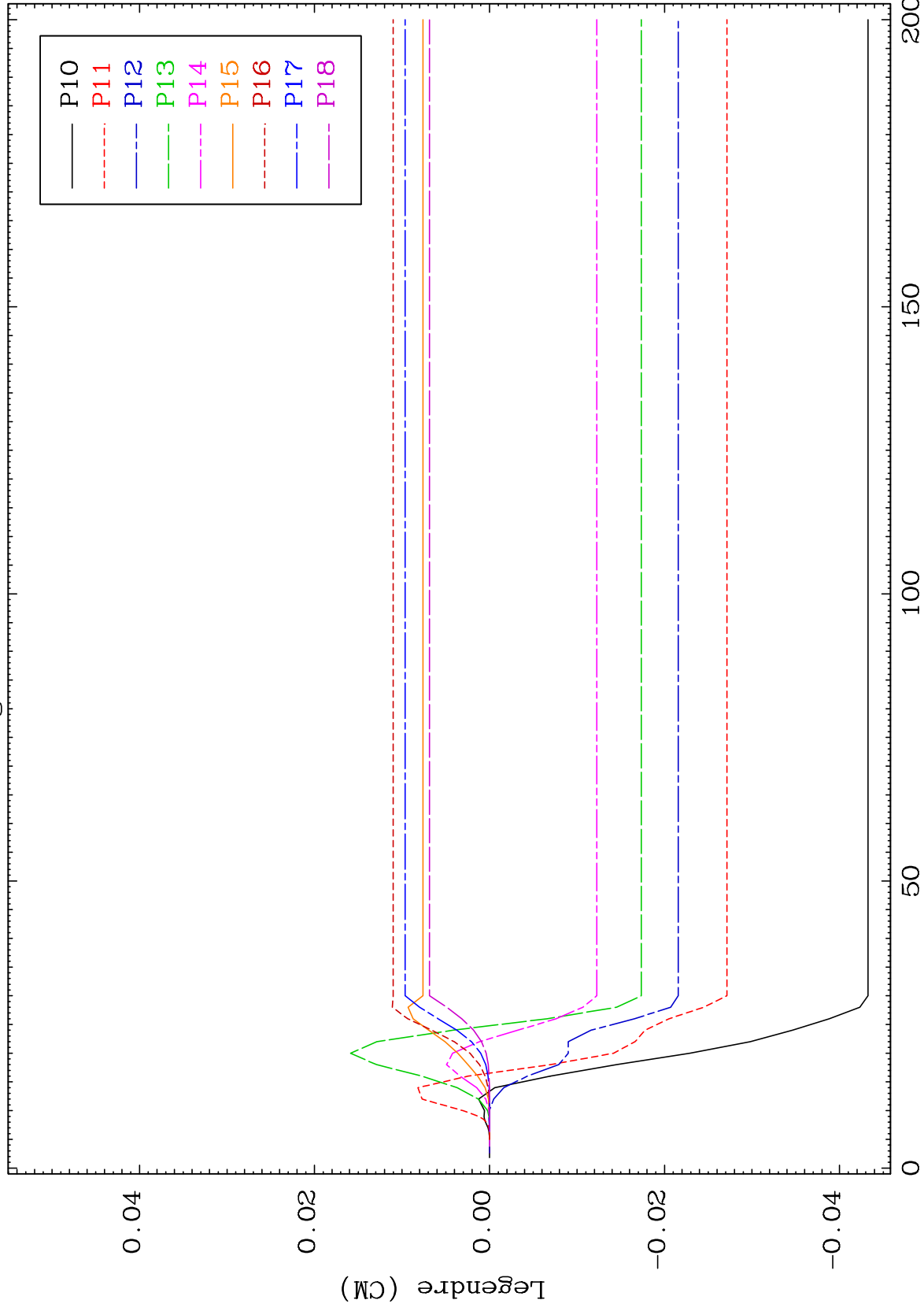
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



27

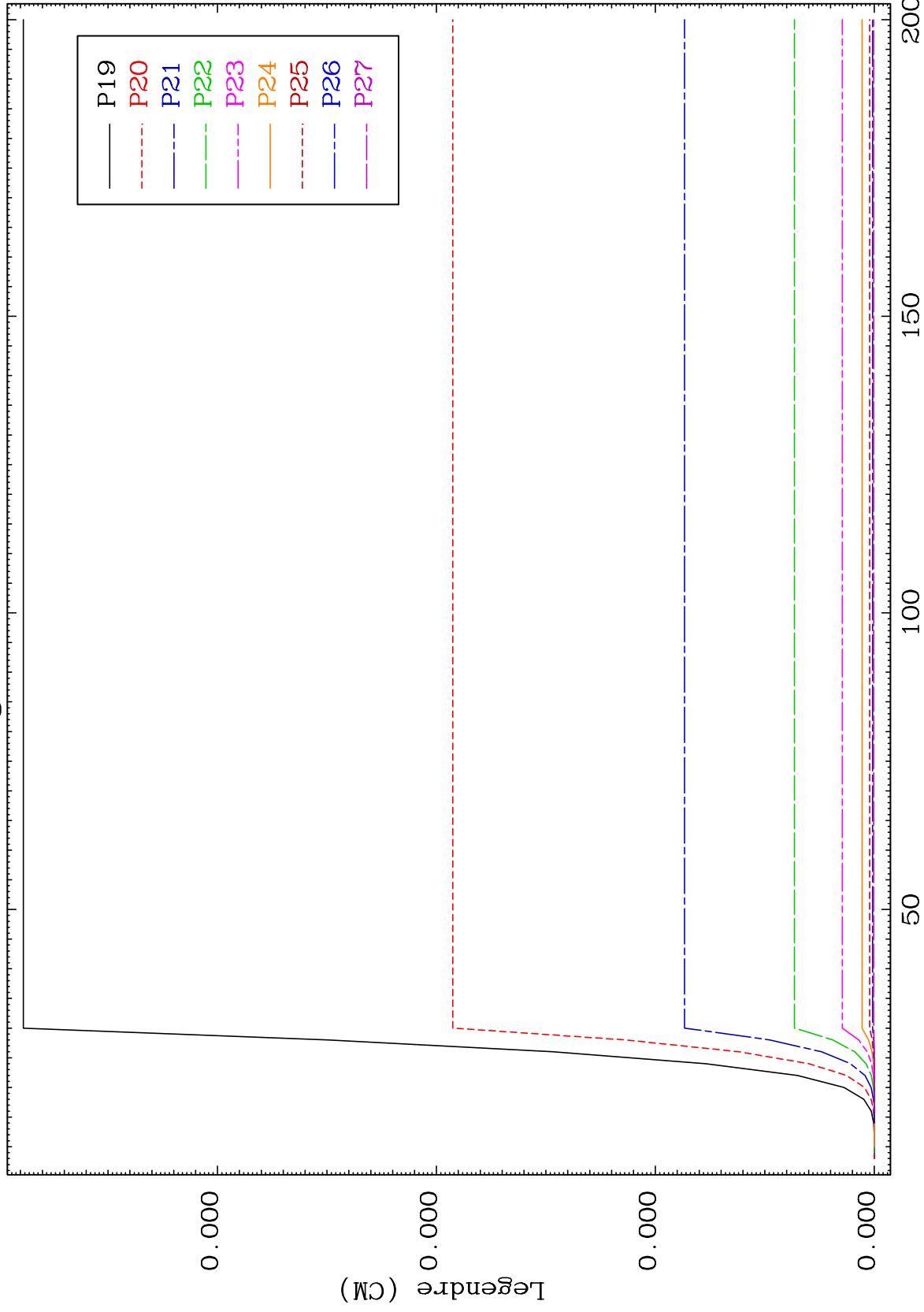
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



28

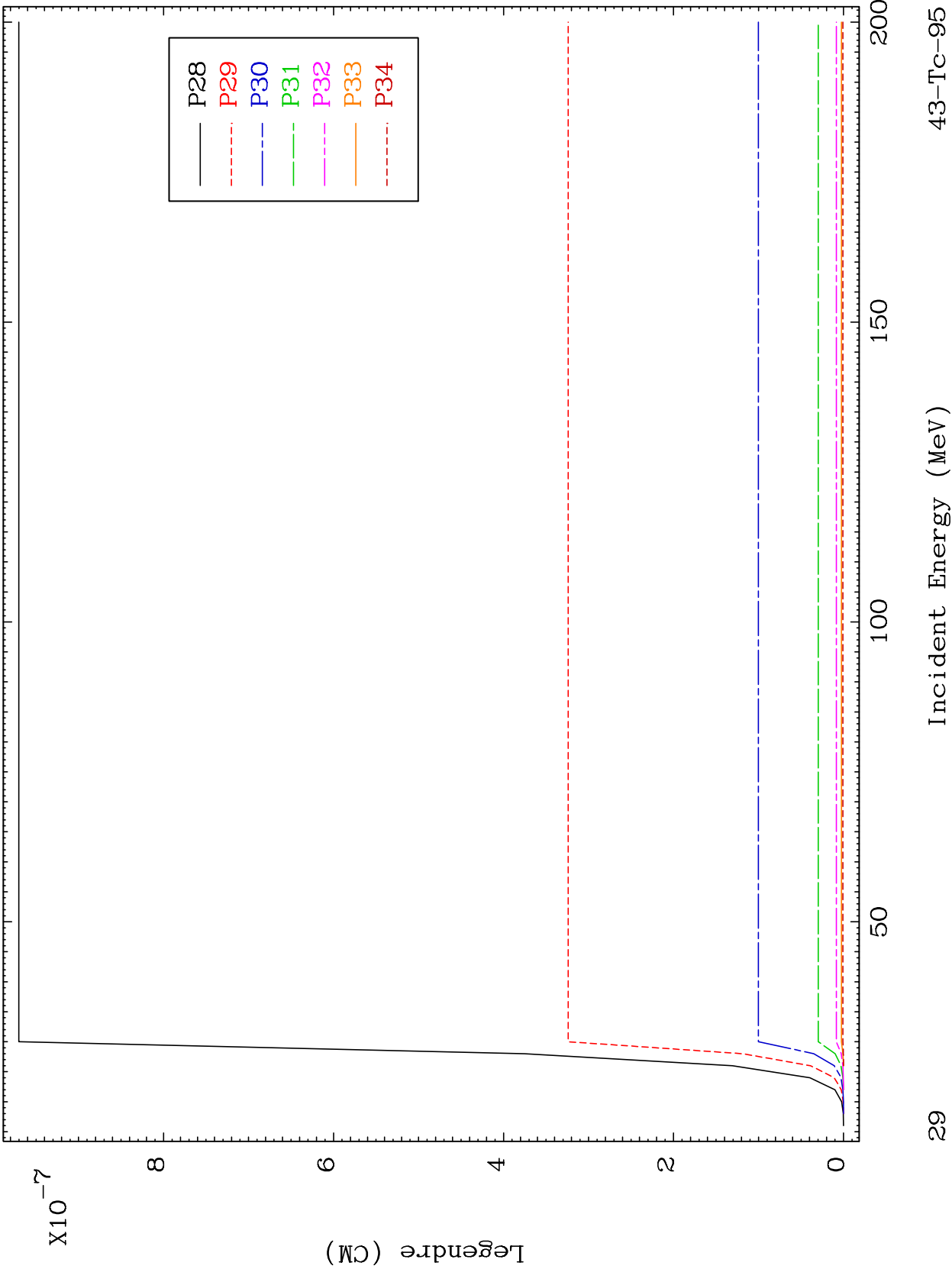
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



29

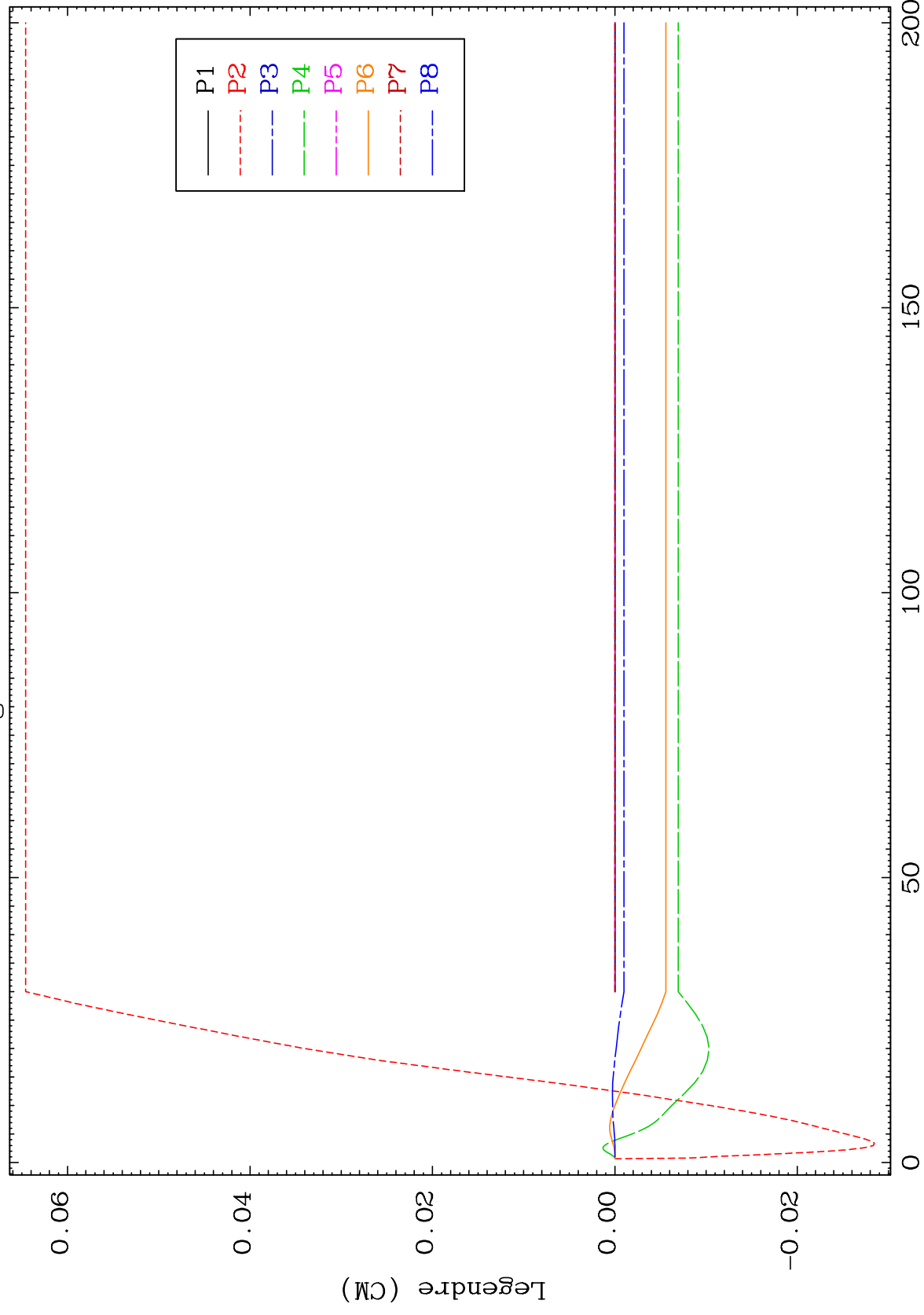
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

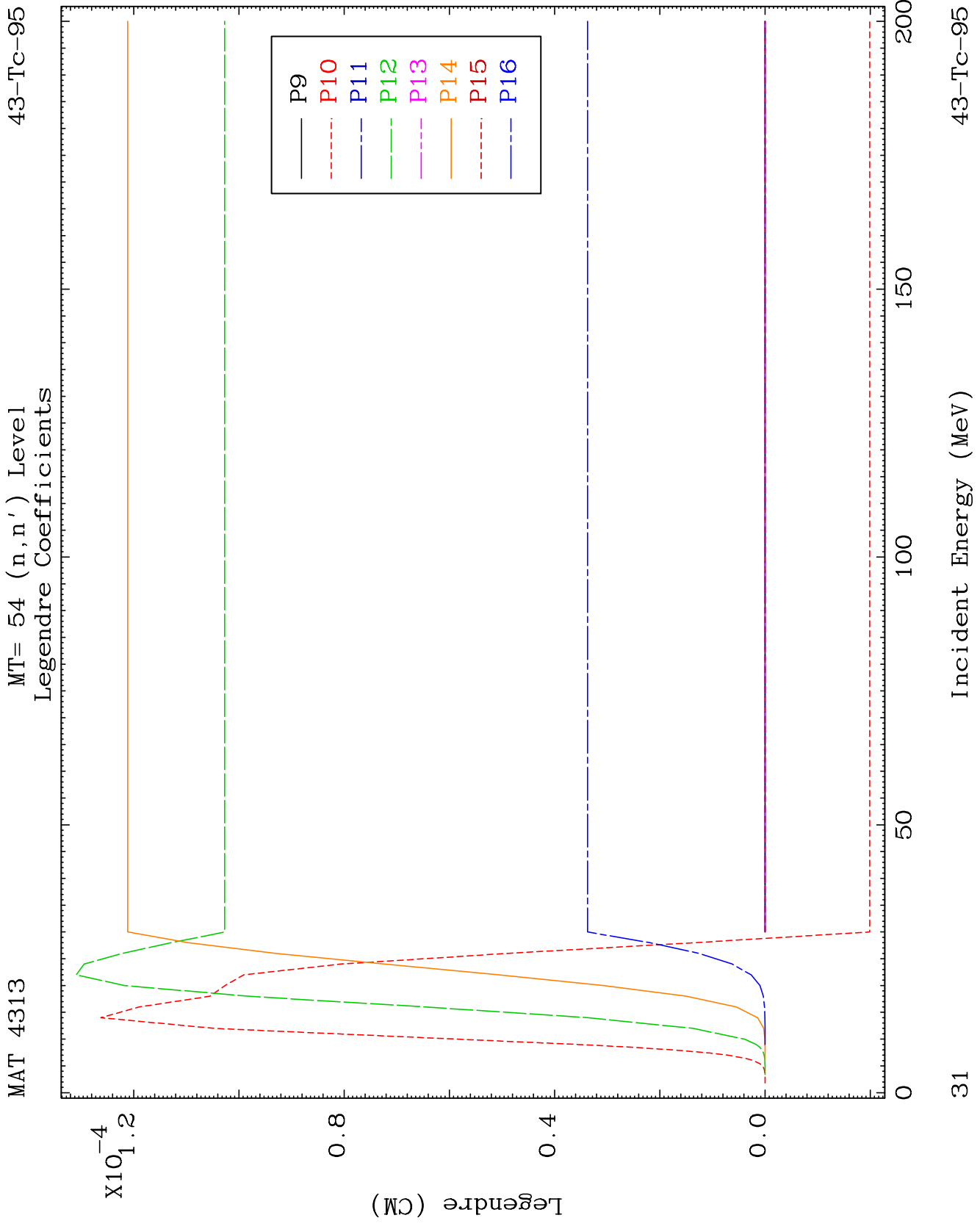
43-Tc-95

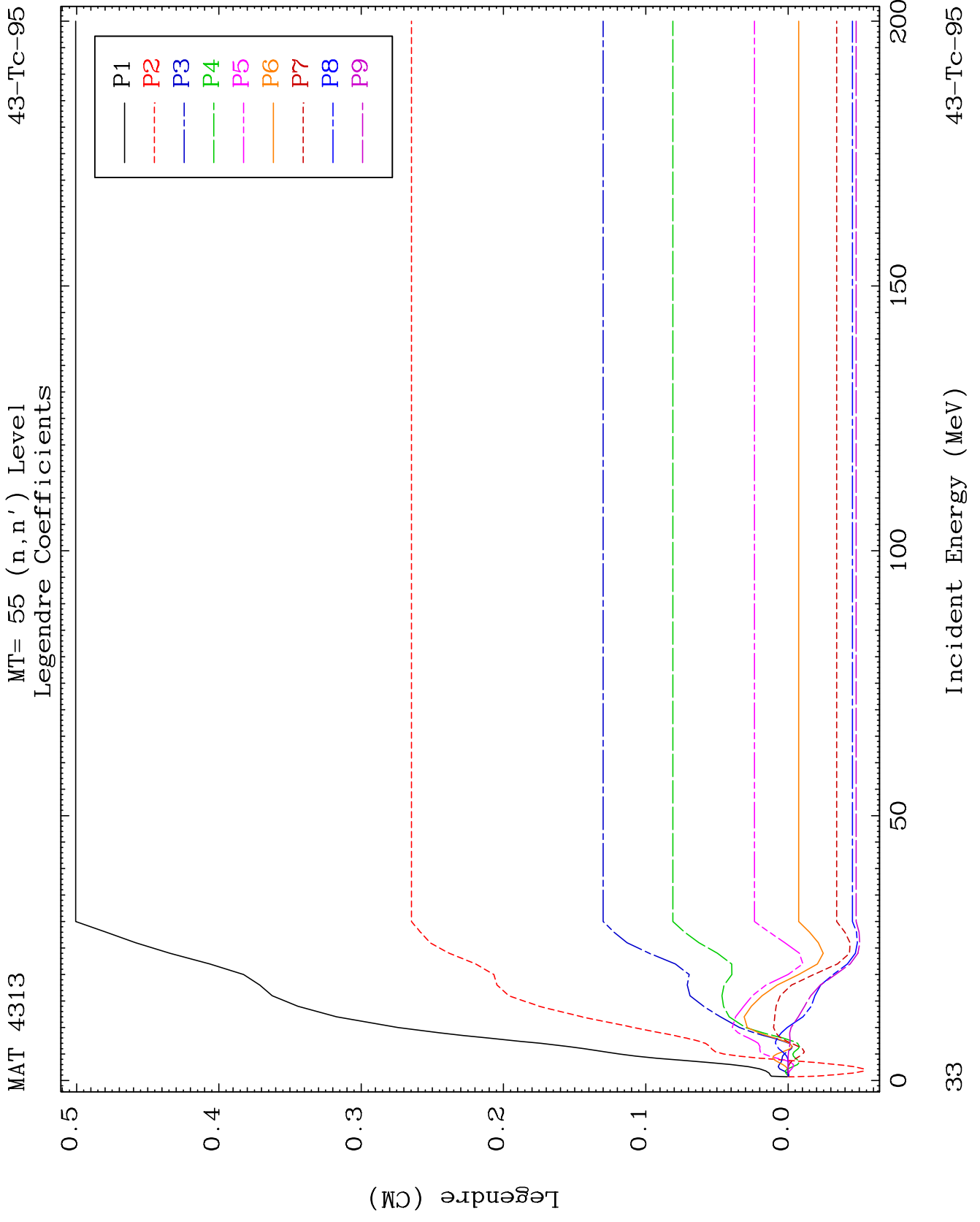


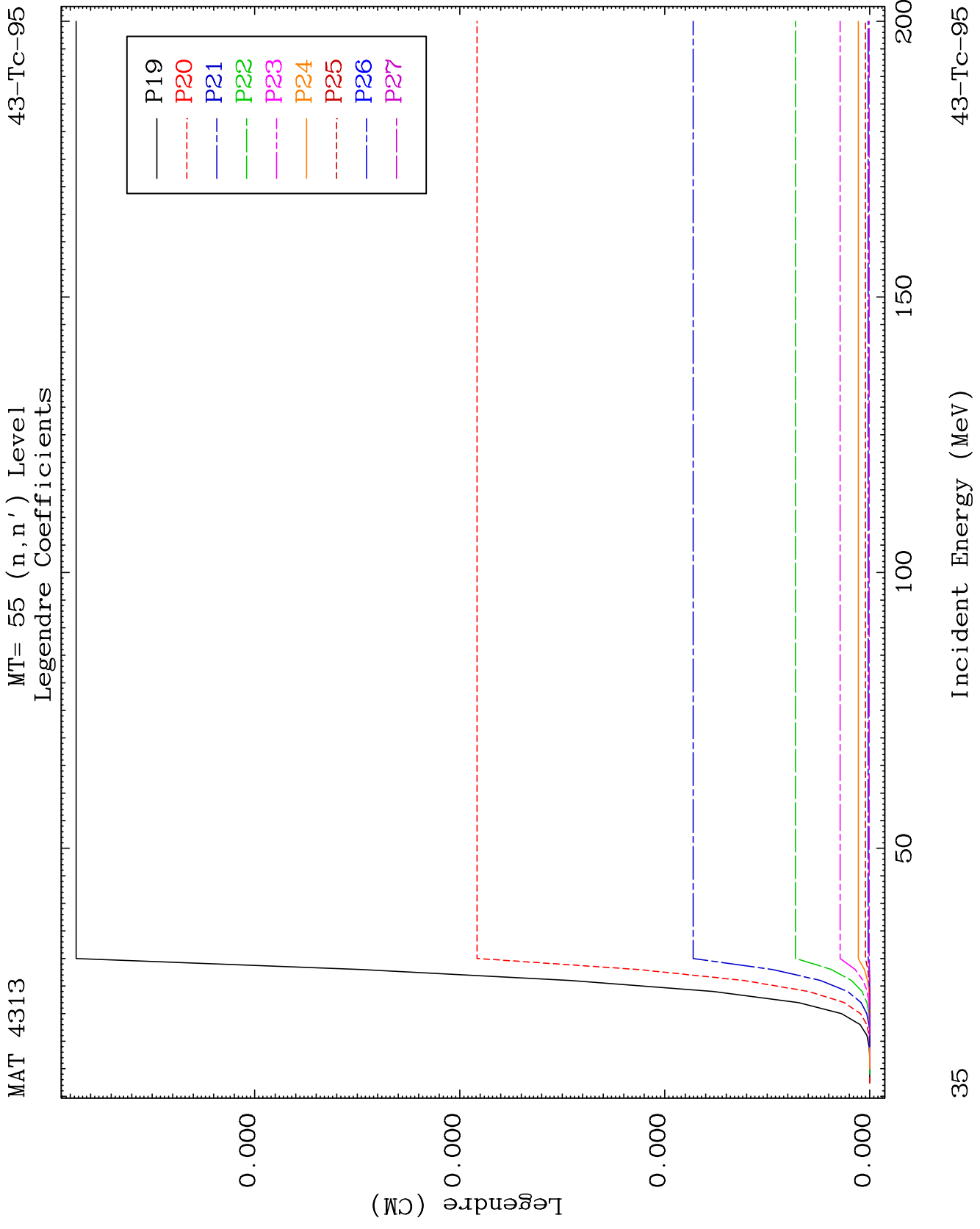
43-Tc-95

Incident Energy (MeV)

30



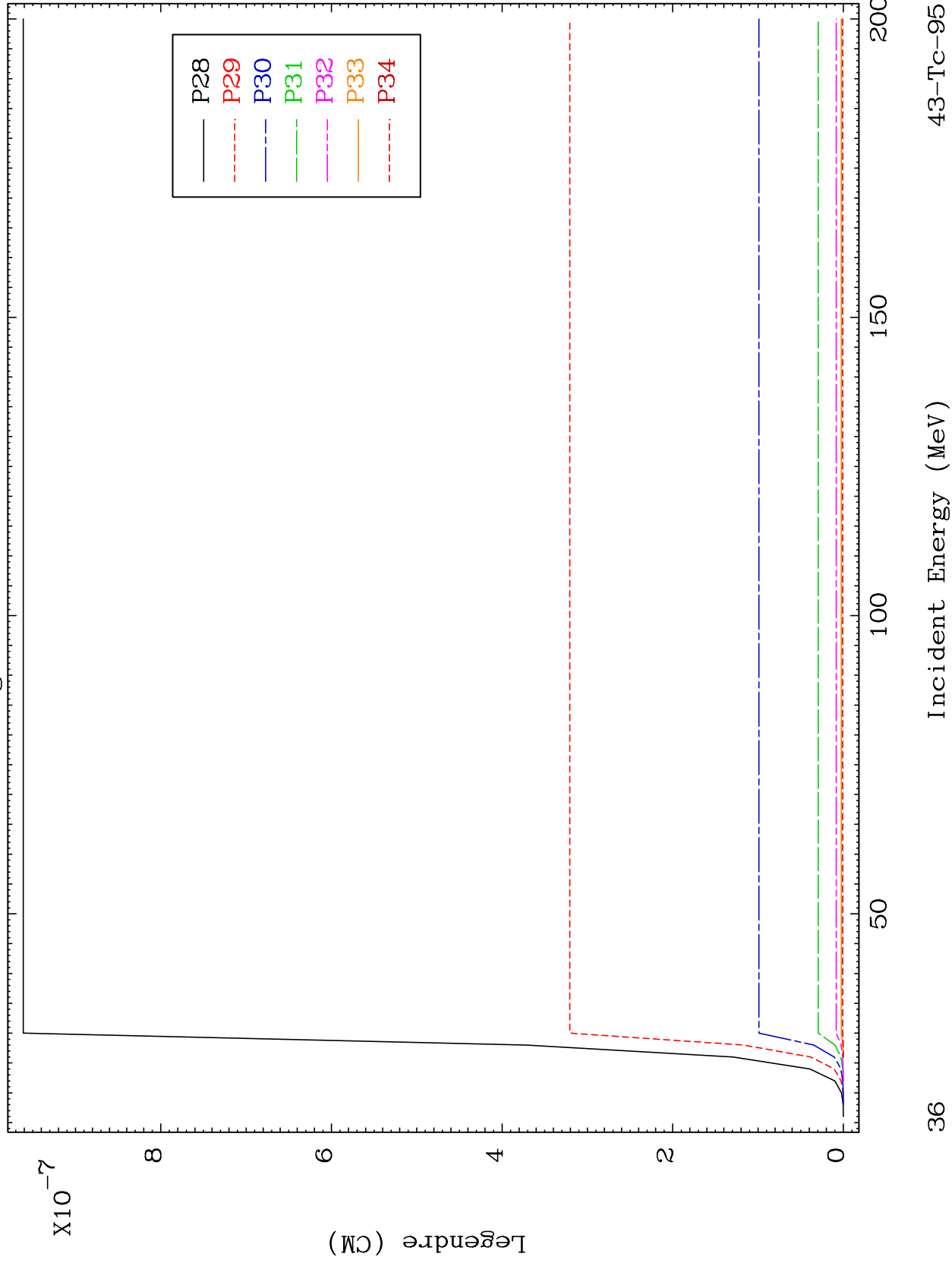




MAT 4313

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

43-Tc-95



36

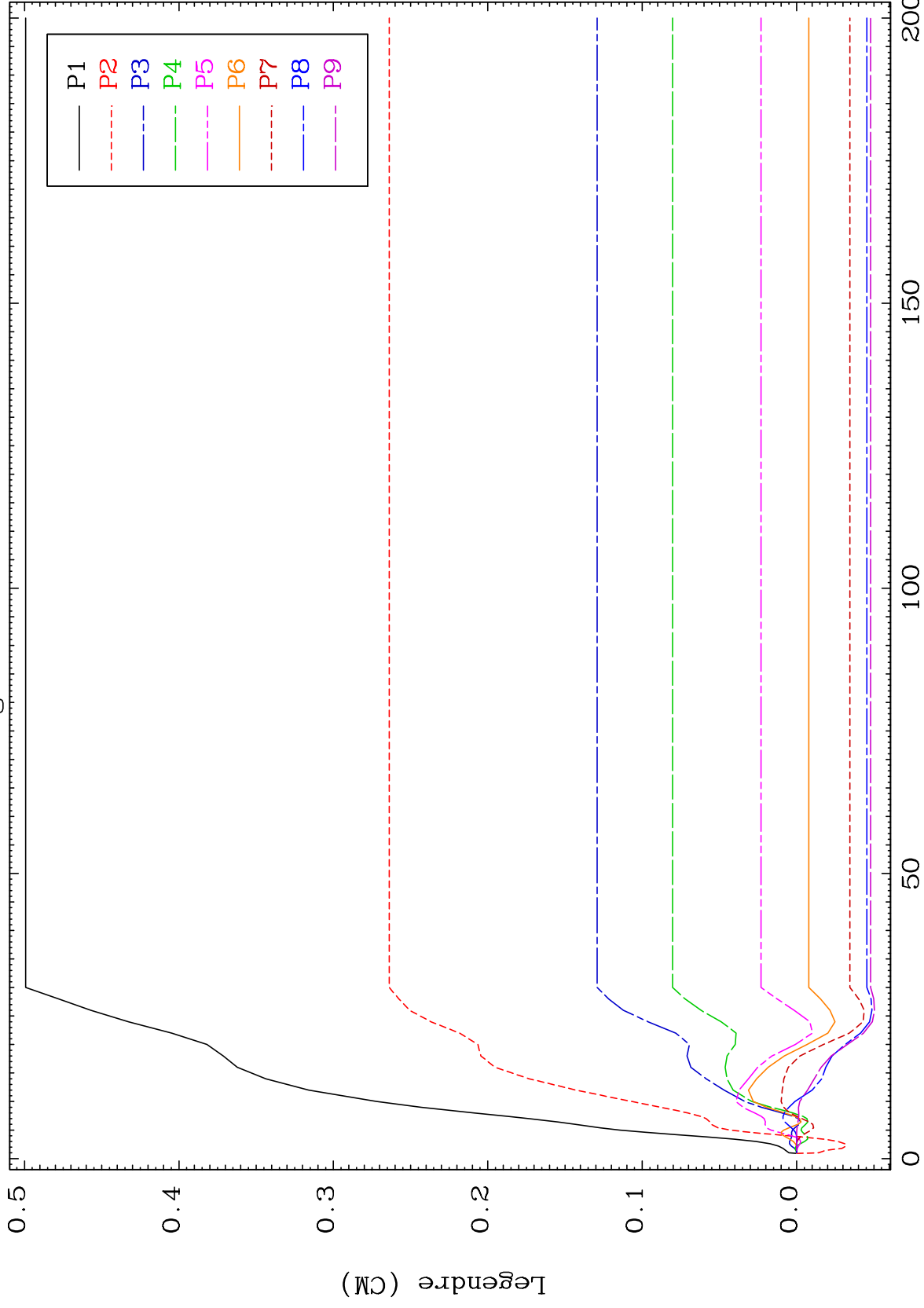
43-Tc-95

MAT 4313

MT= 56 (n,n') Level

43-Tc-95

Legendre Coefficients



37

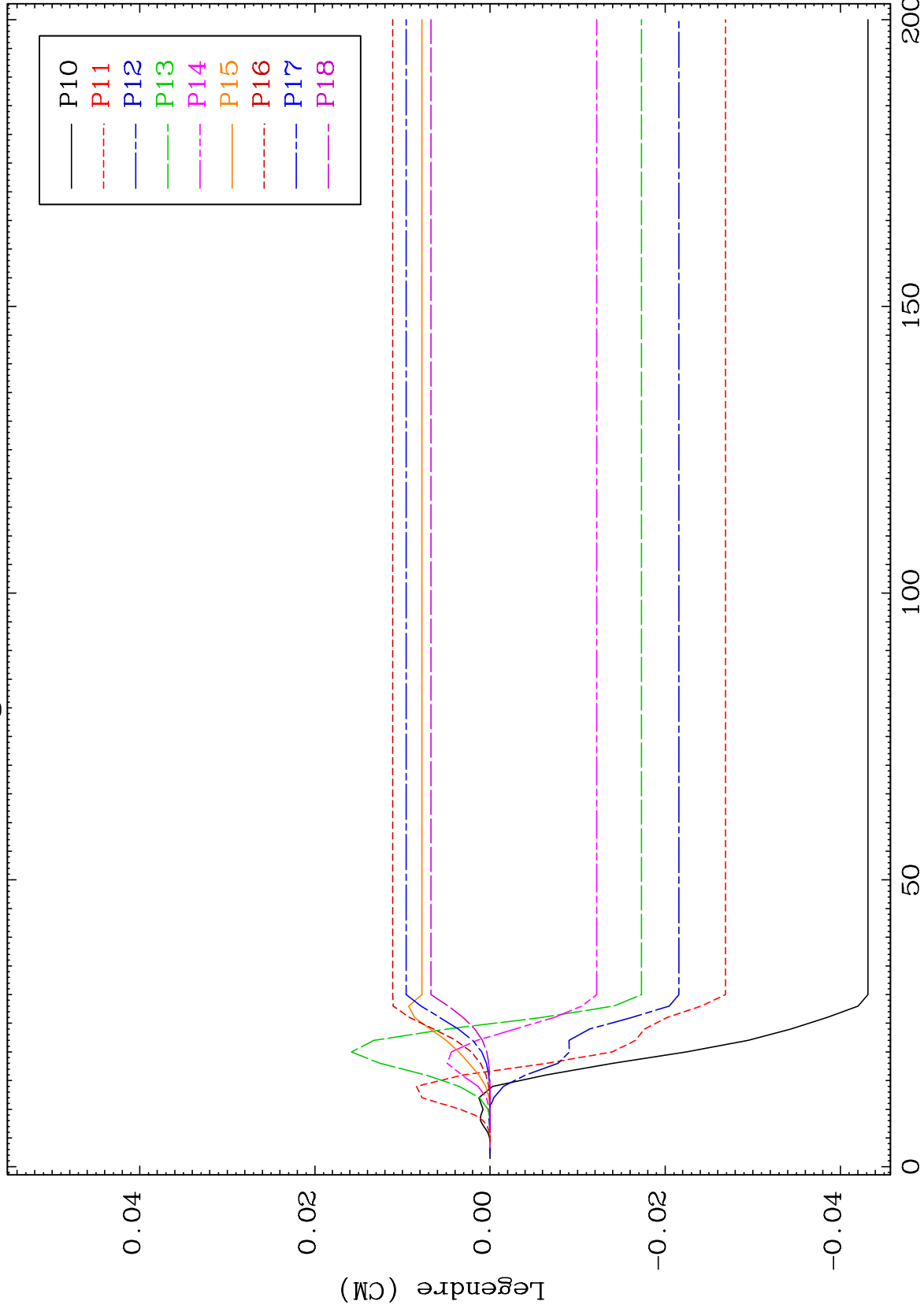
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



38

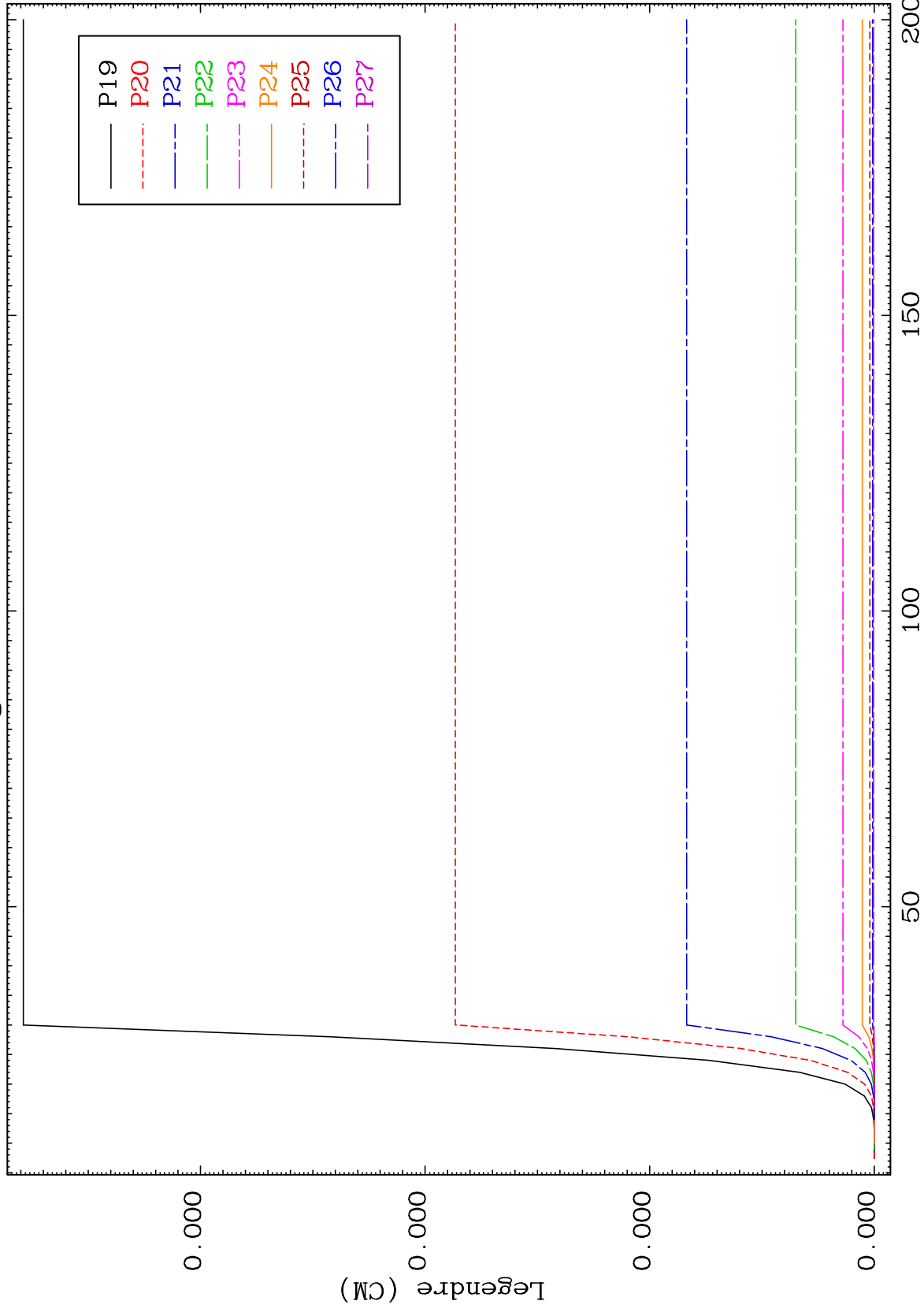
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



39

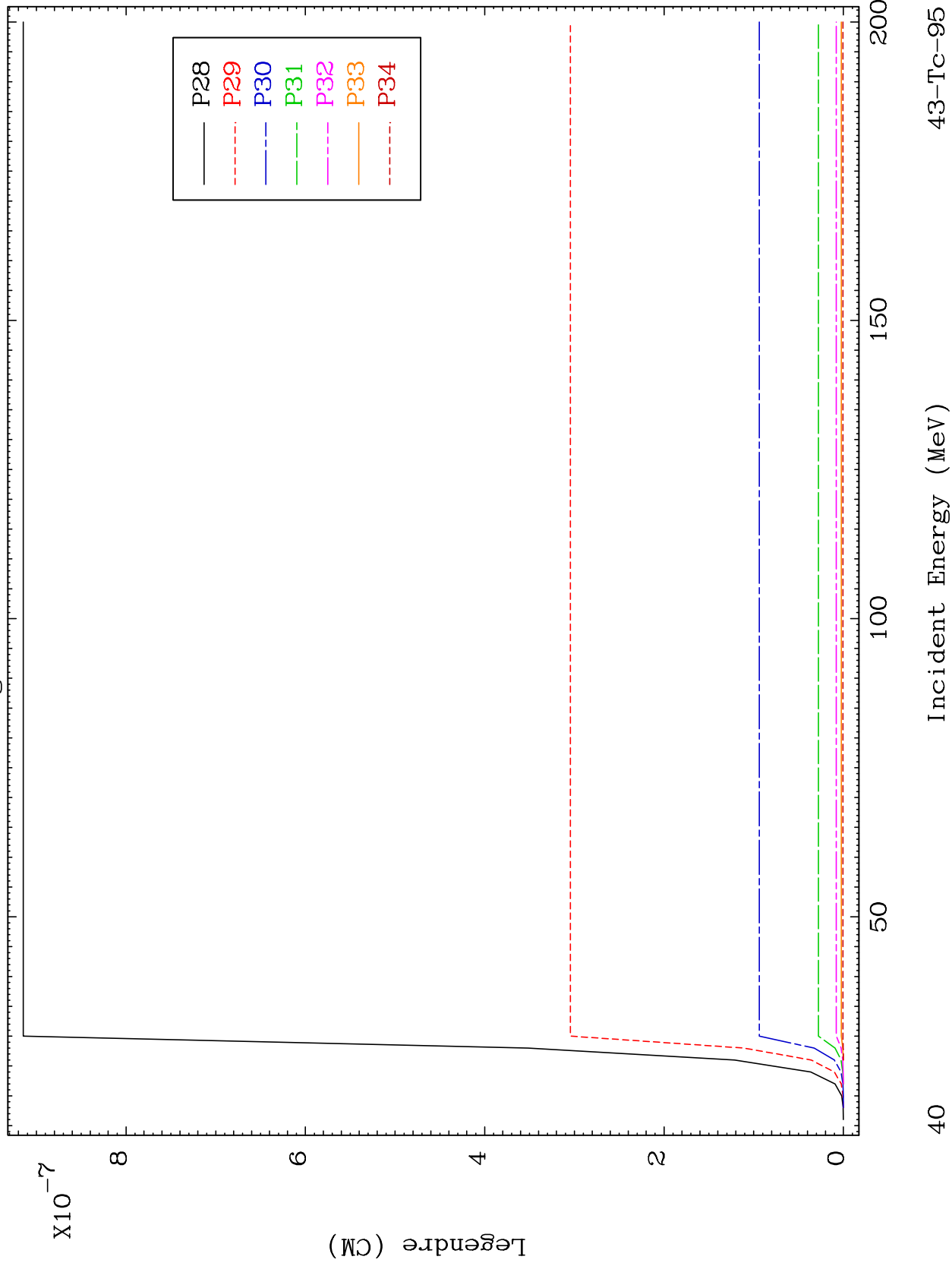
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

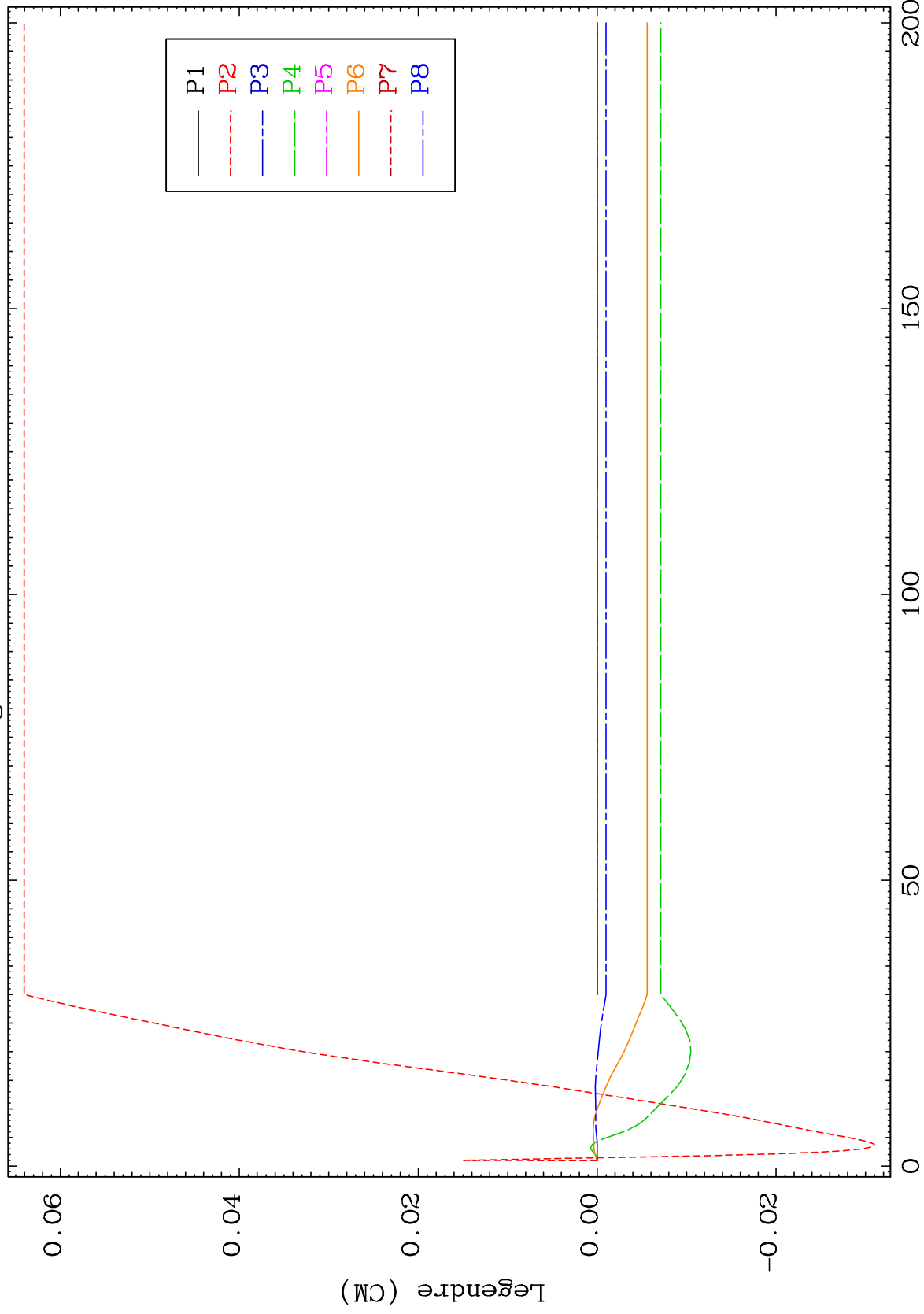
43-Tc-95



MAT 4313

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

43-Tc-95



41

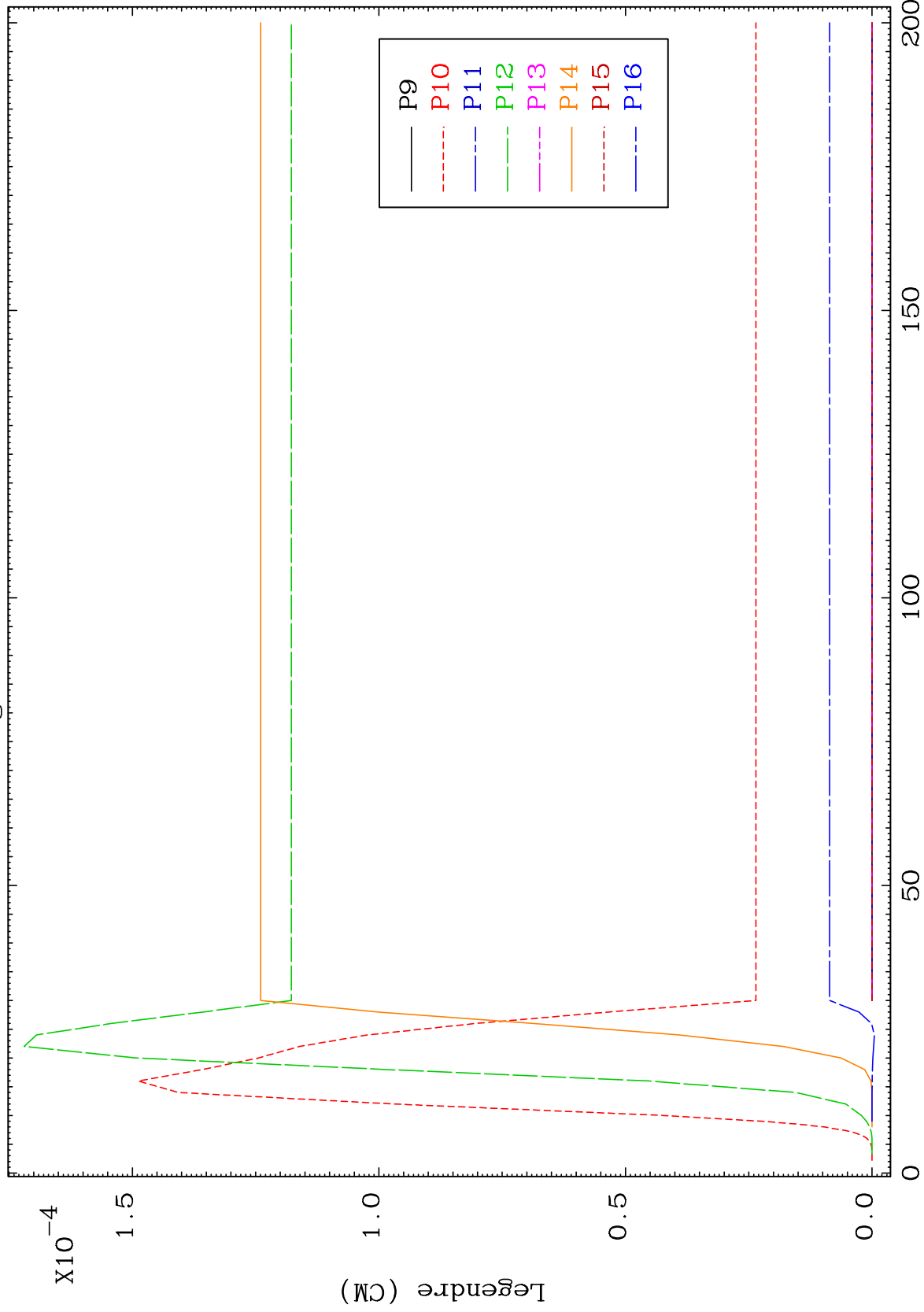
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

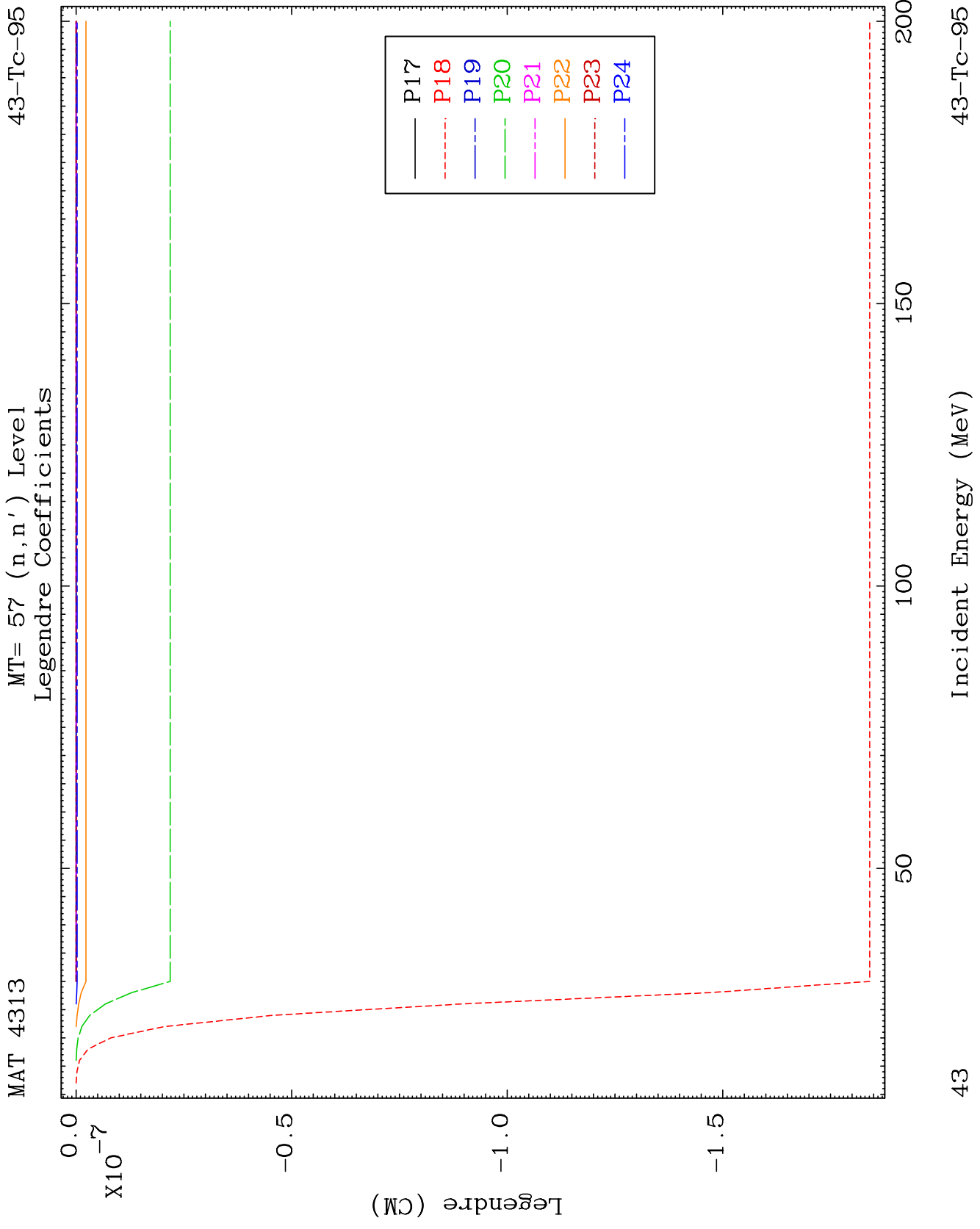
43-Tc-95



42

Incident Energy (MeV)

43-Tc-95

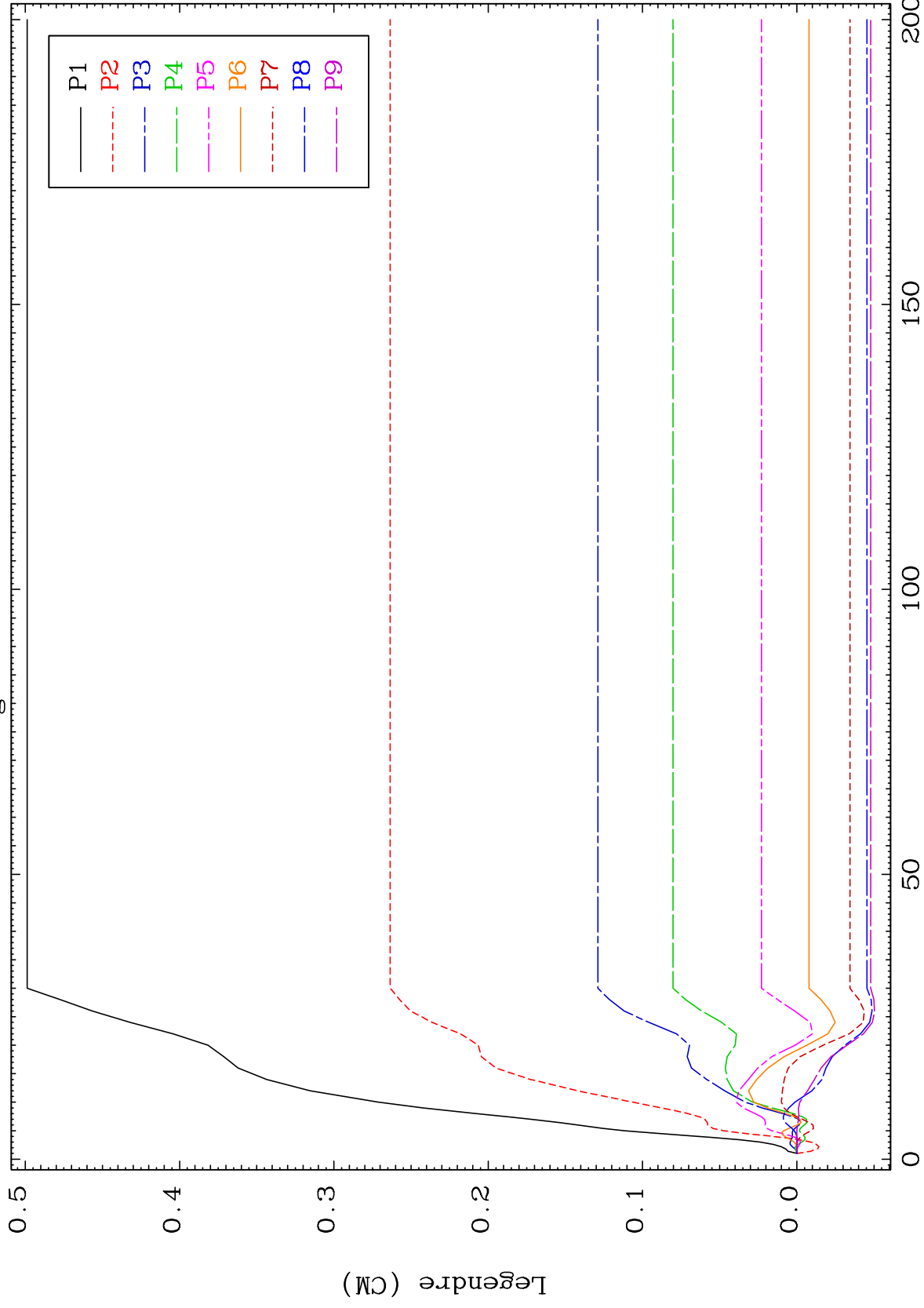


MAT 4313

MT= 58 (n,n') Level

43-Tc-95

Legendre Coefficients



44

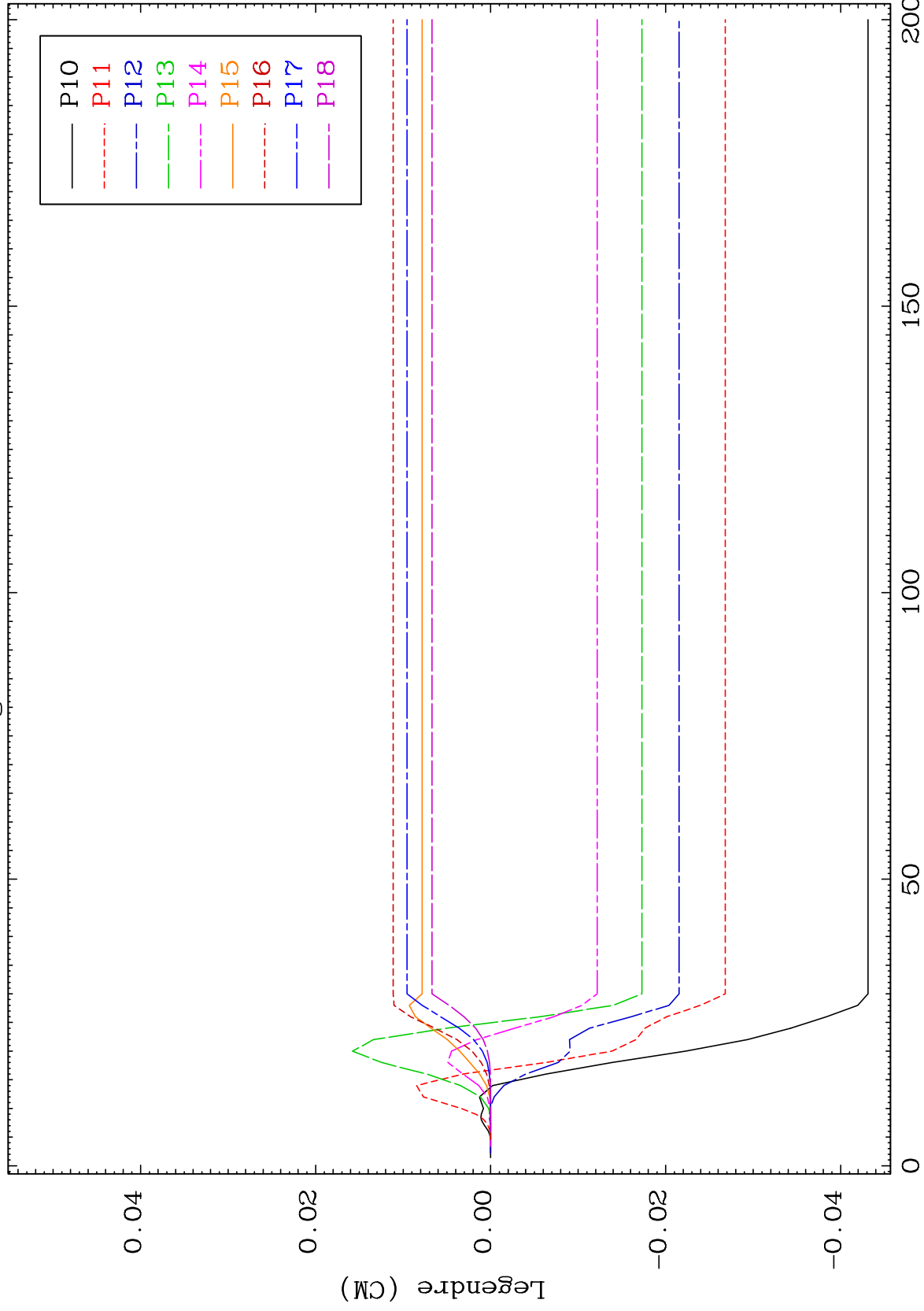
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



45

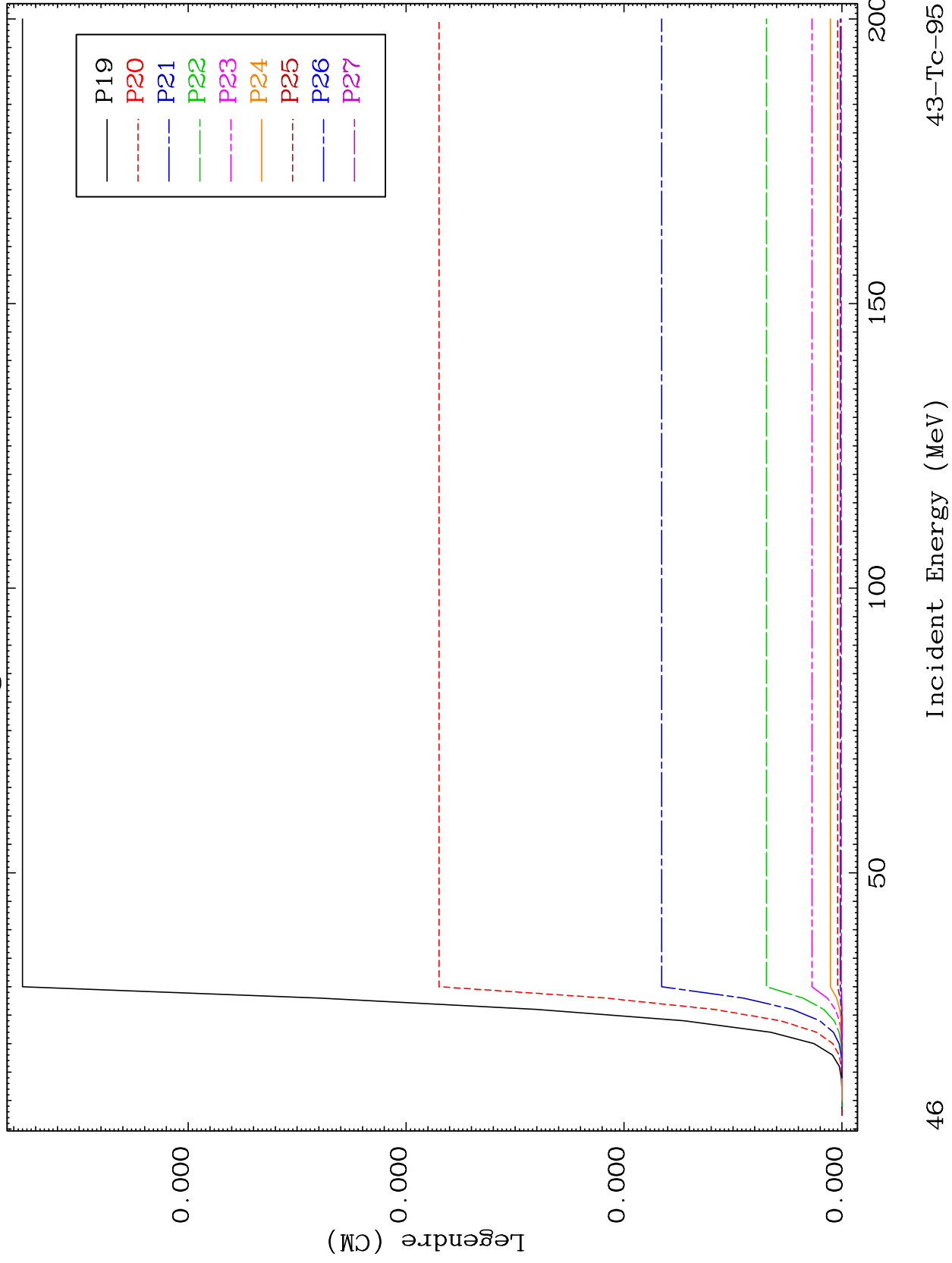
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



46

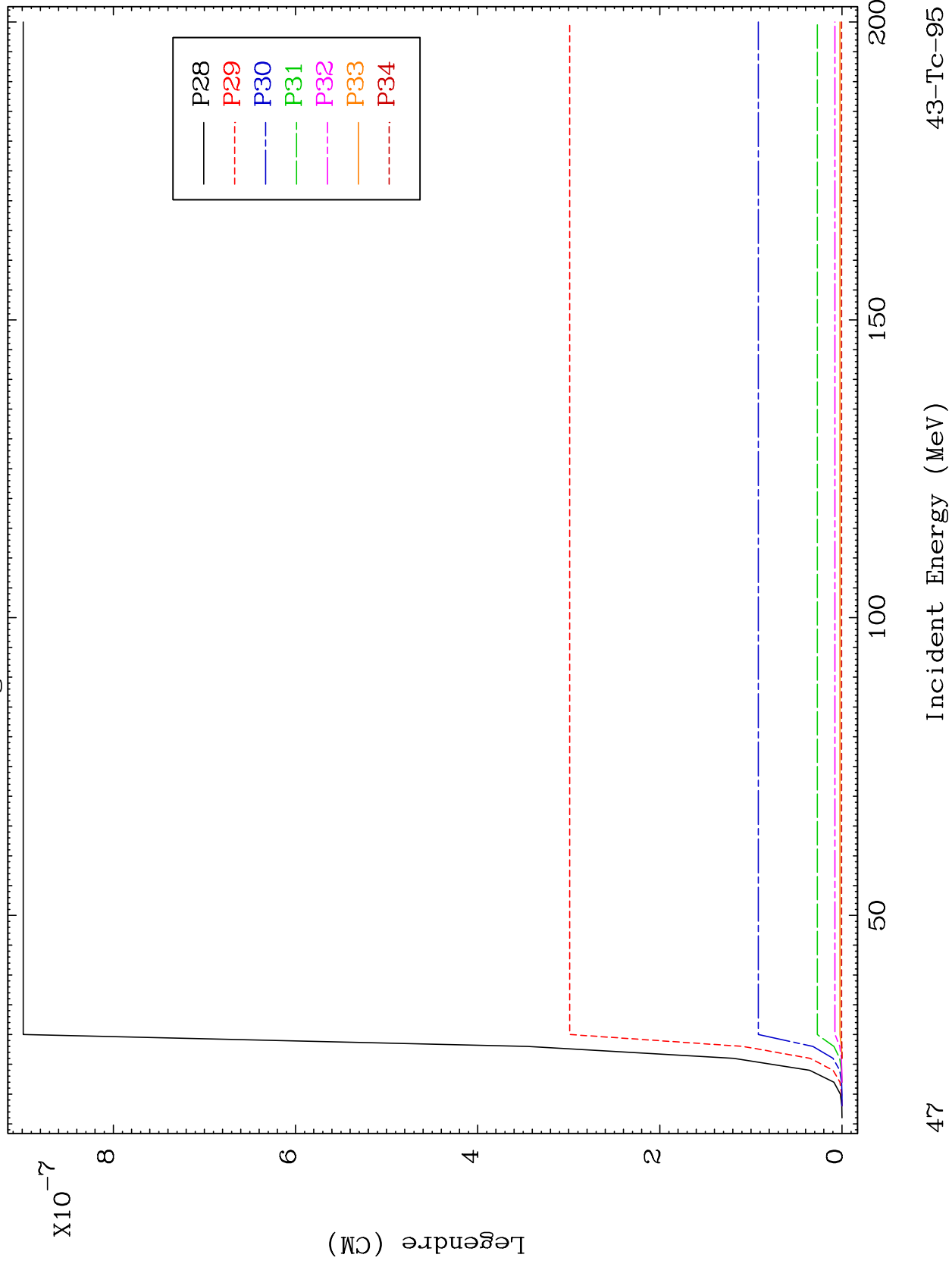
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

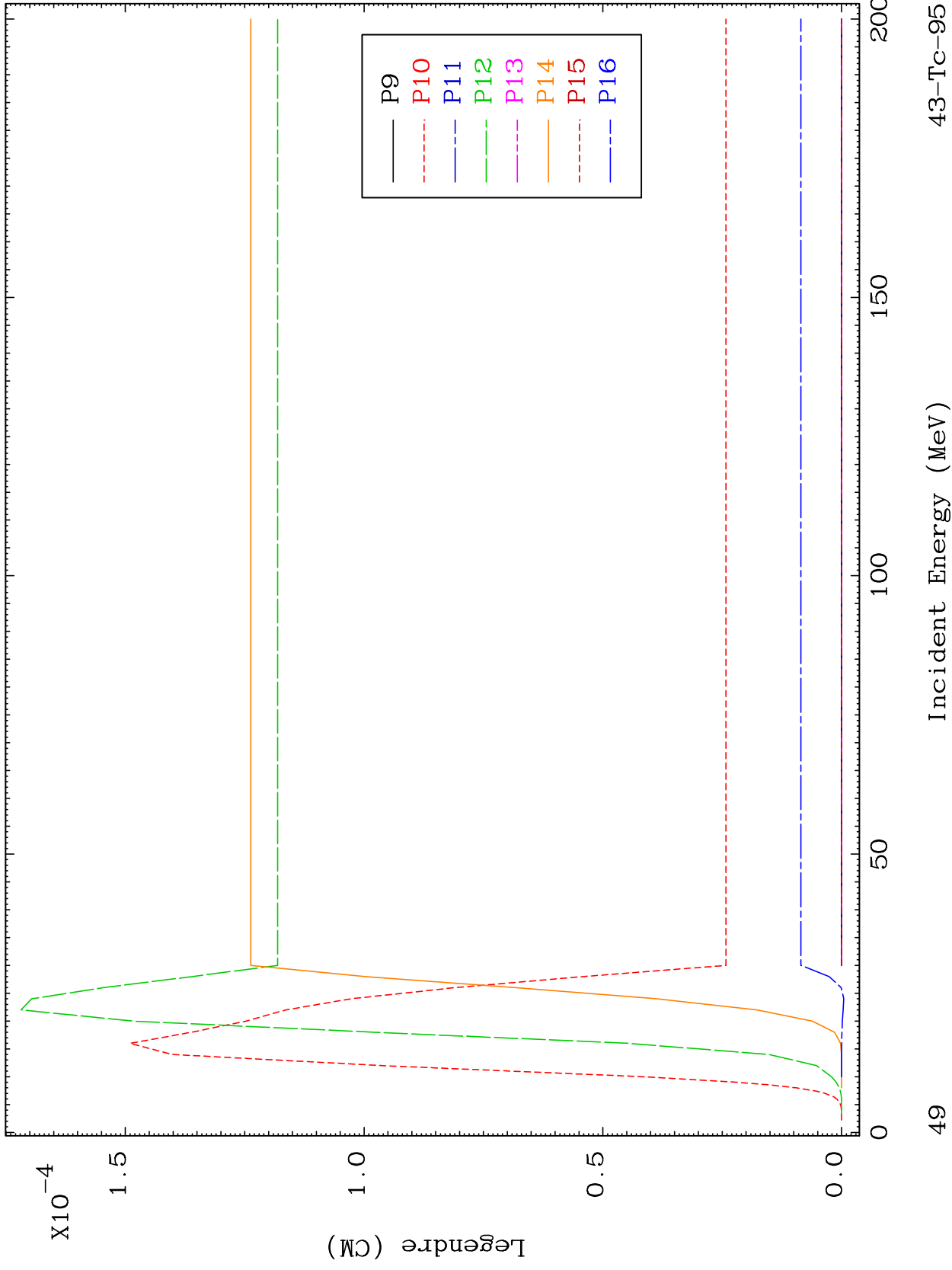
43-Tc-95



MAT 4313

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

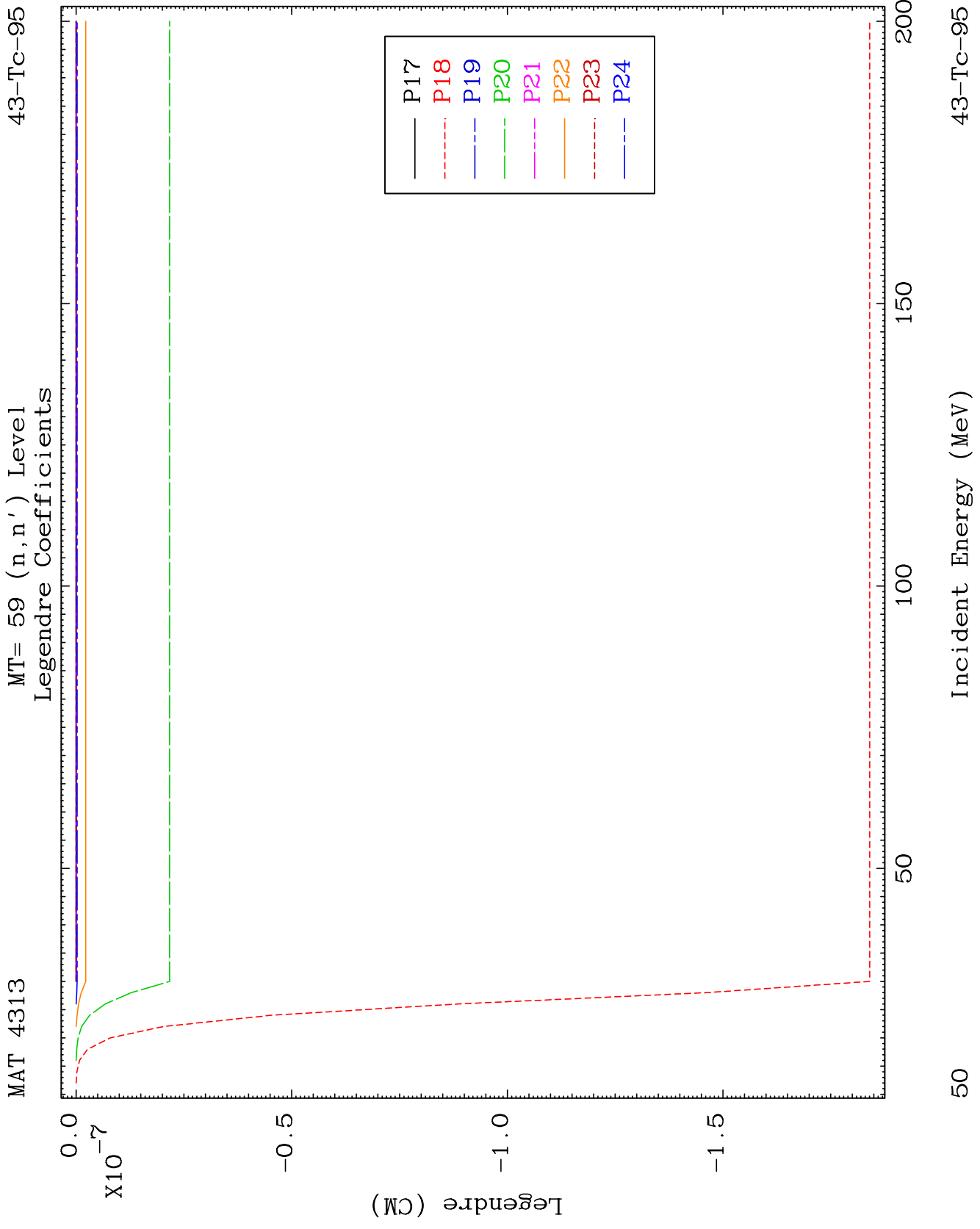
43-Tc-95



49

Incident Energy (MeV)

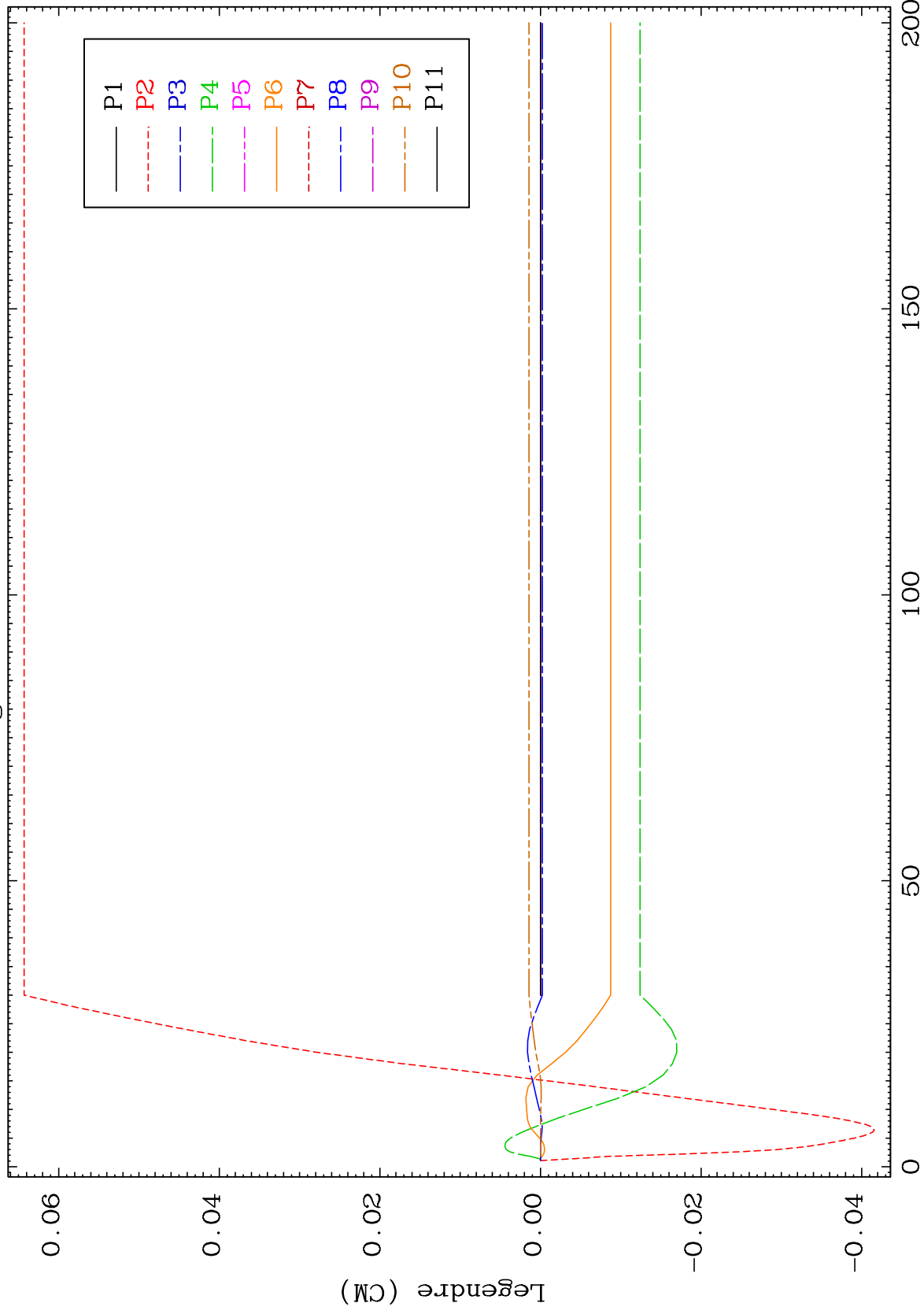
43-Tc-95



MAT 4313

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

43-Tc-95



51

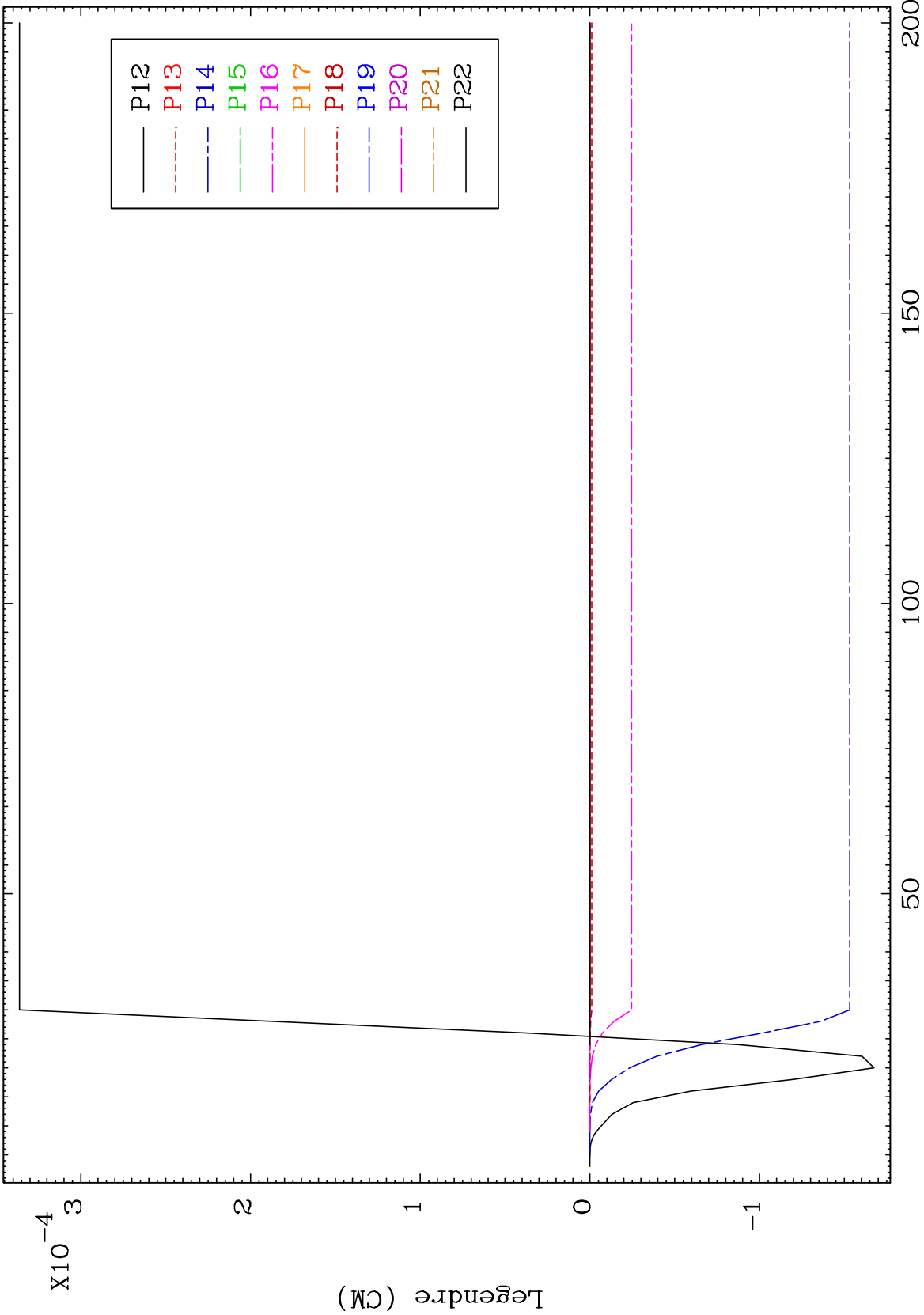
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



52

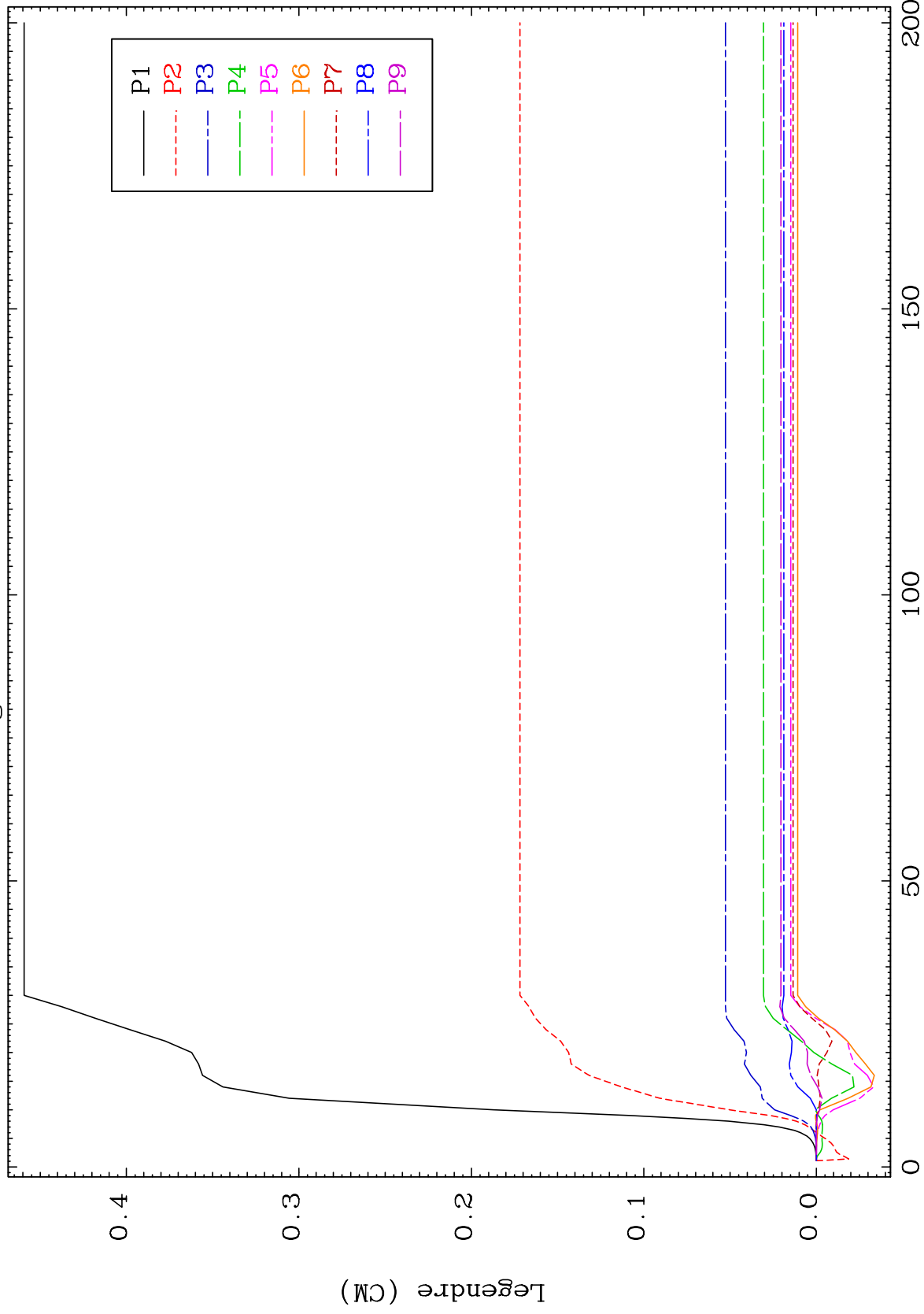
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



53

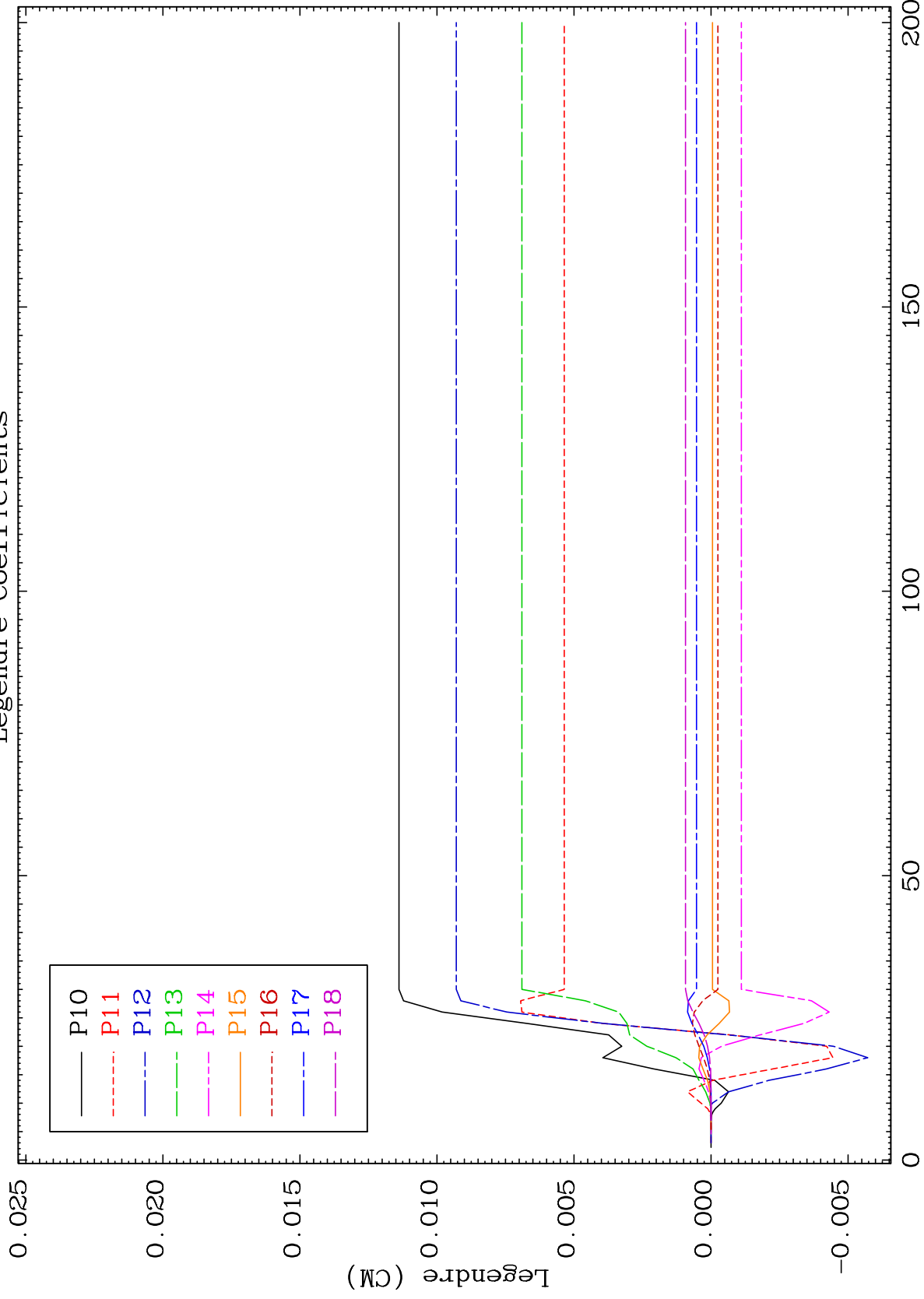
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



54

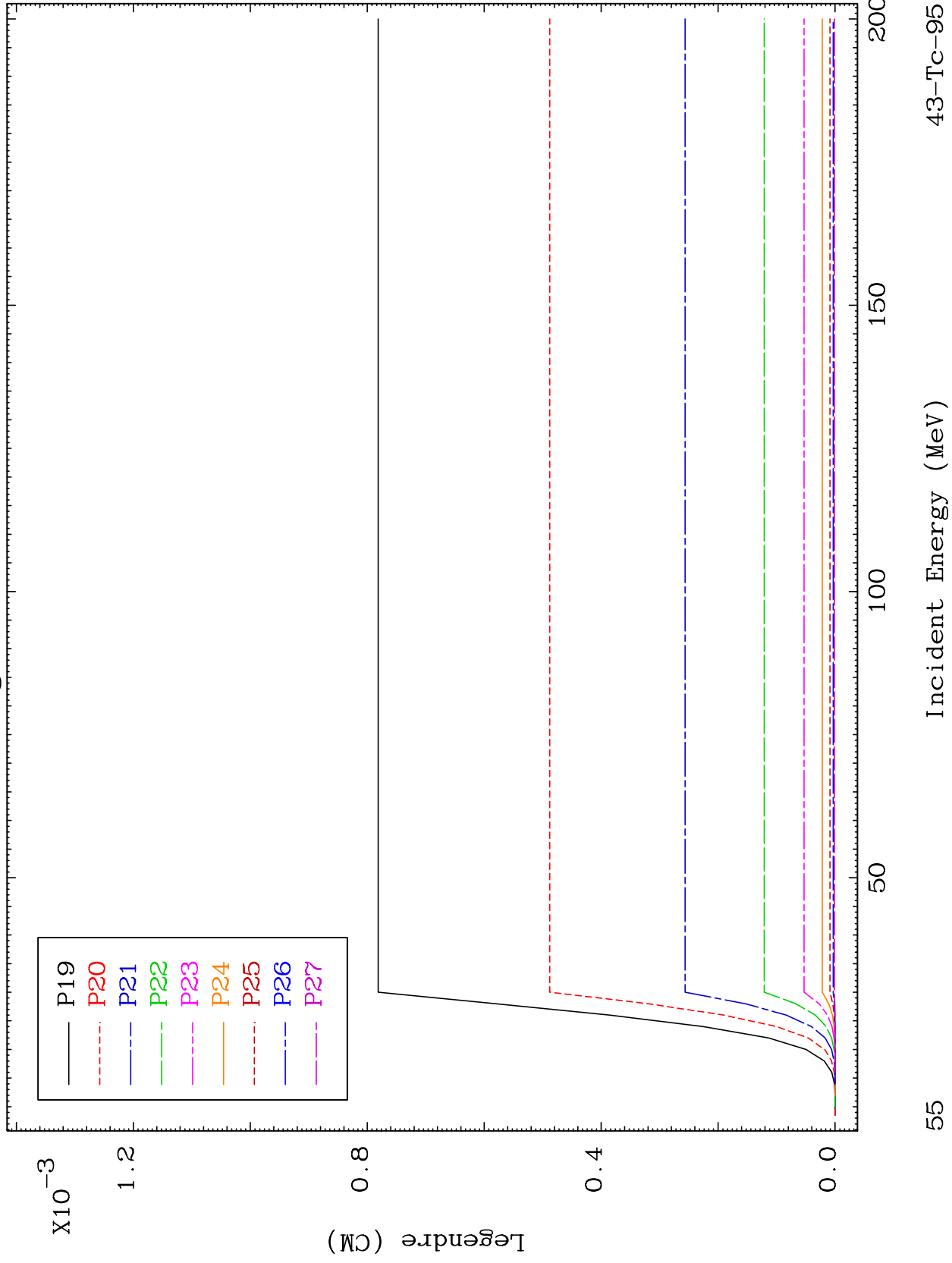
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



55

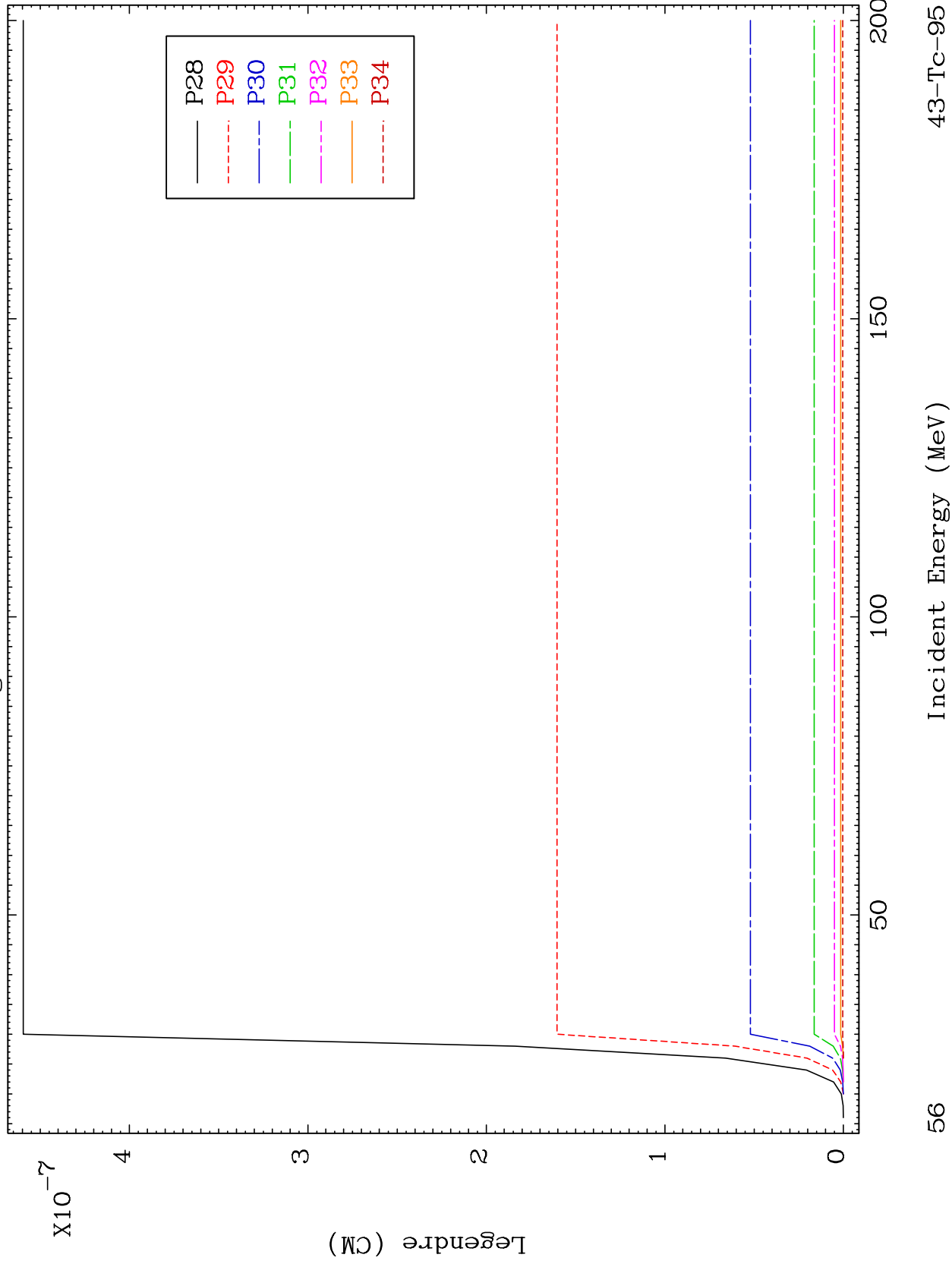
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95

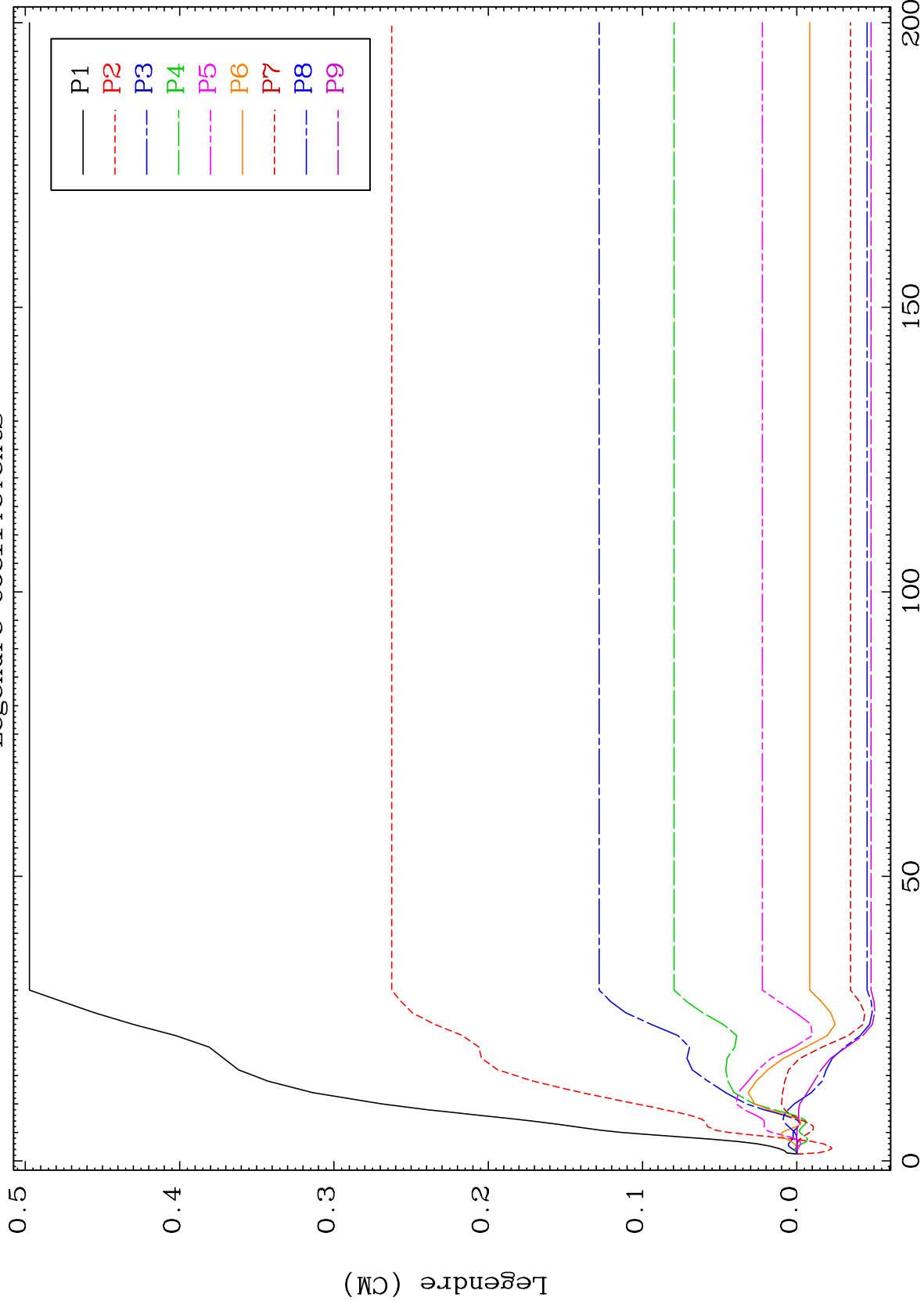


MAT 4313

MT= 62 (n,n') Level

43-Tc-95

Legendre Coefficients



57

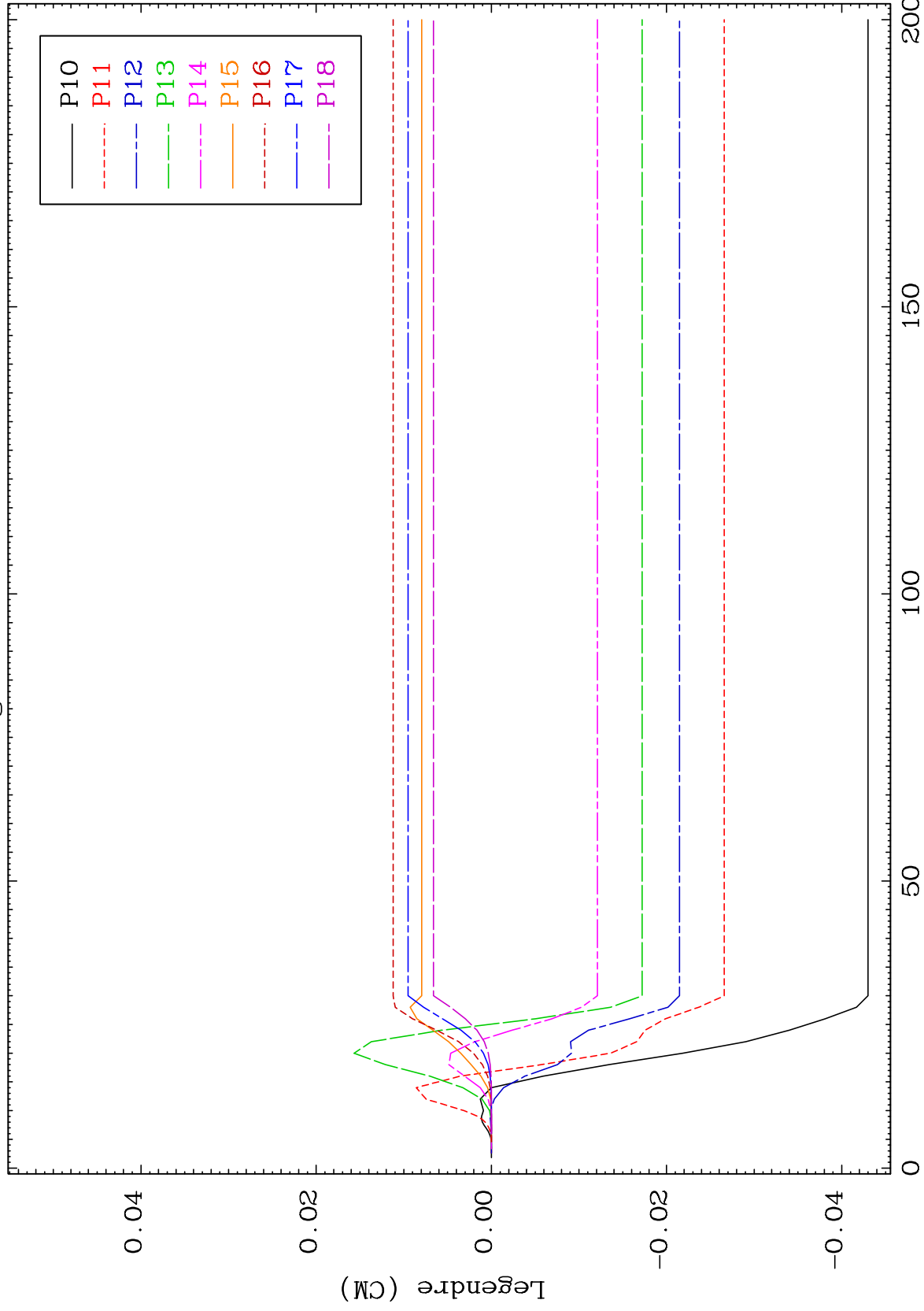
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



58

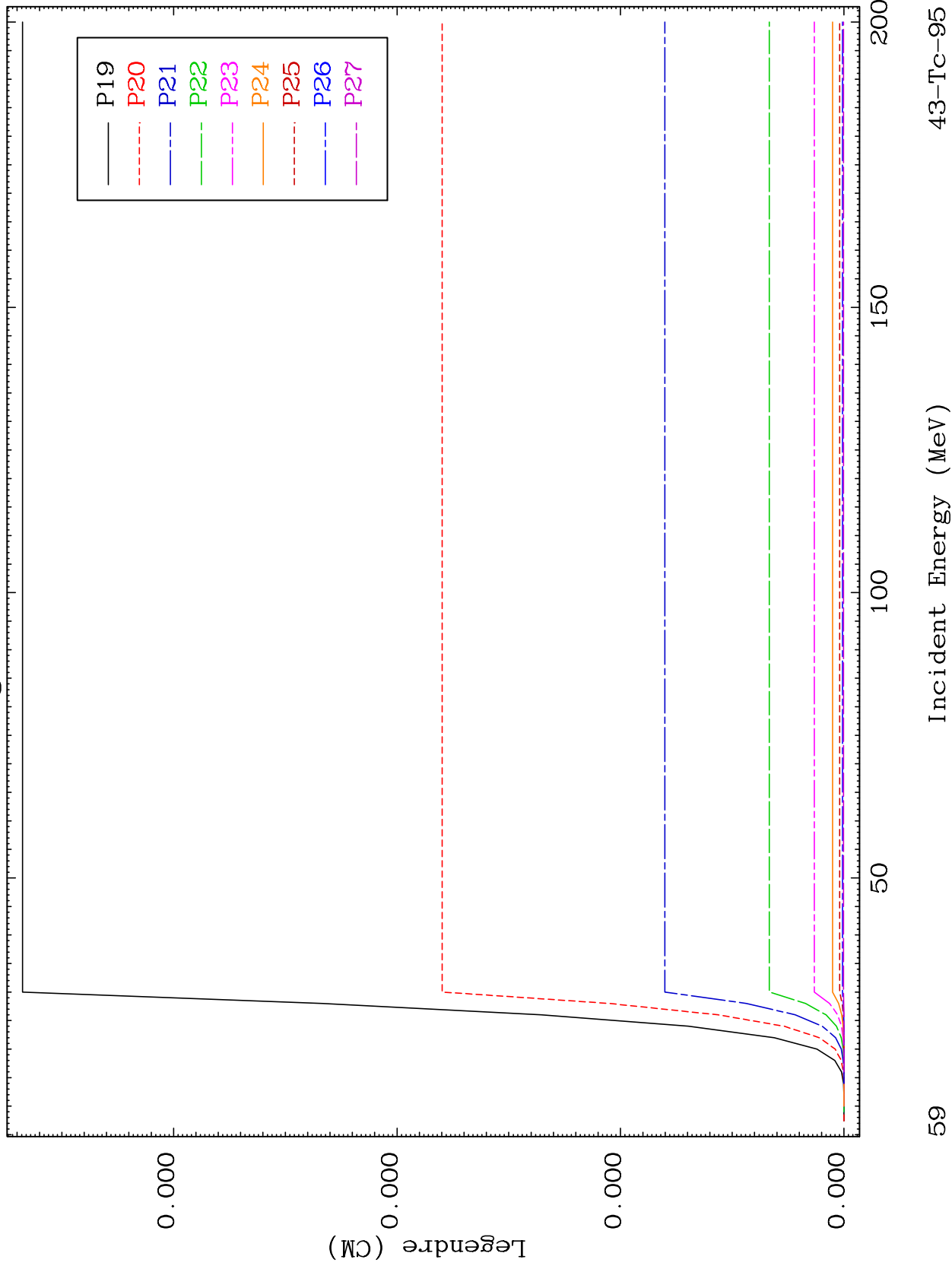
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

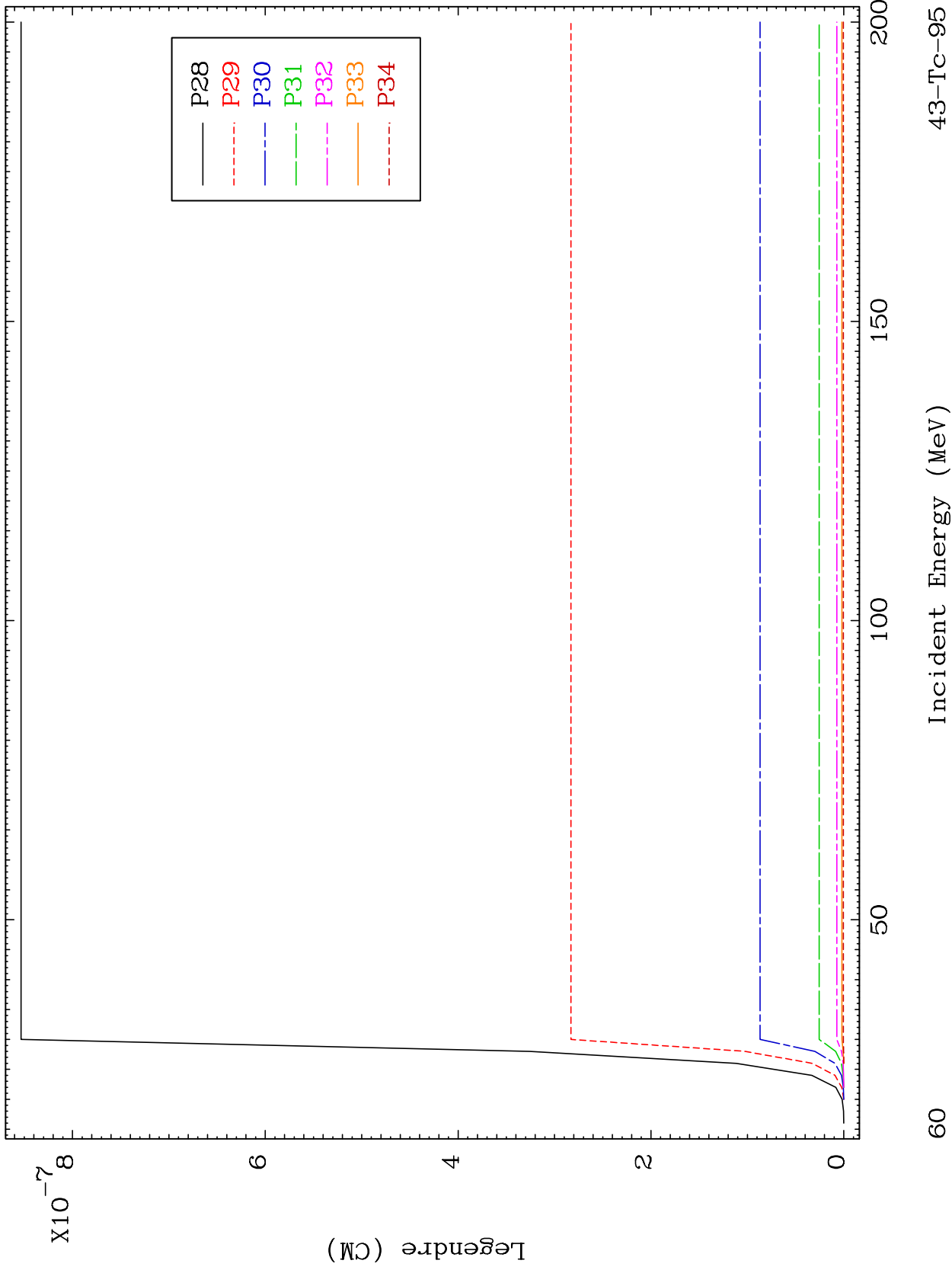
43-Tc-95



MAT 4313

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

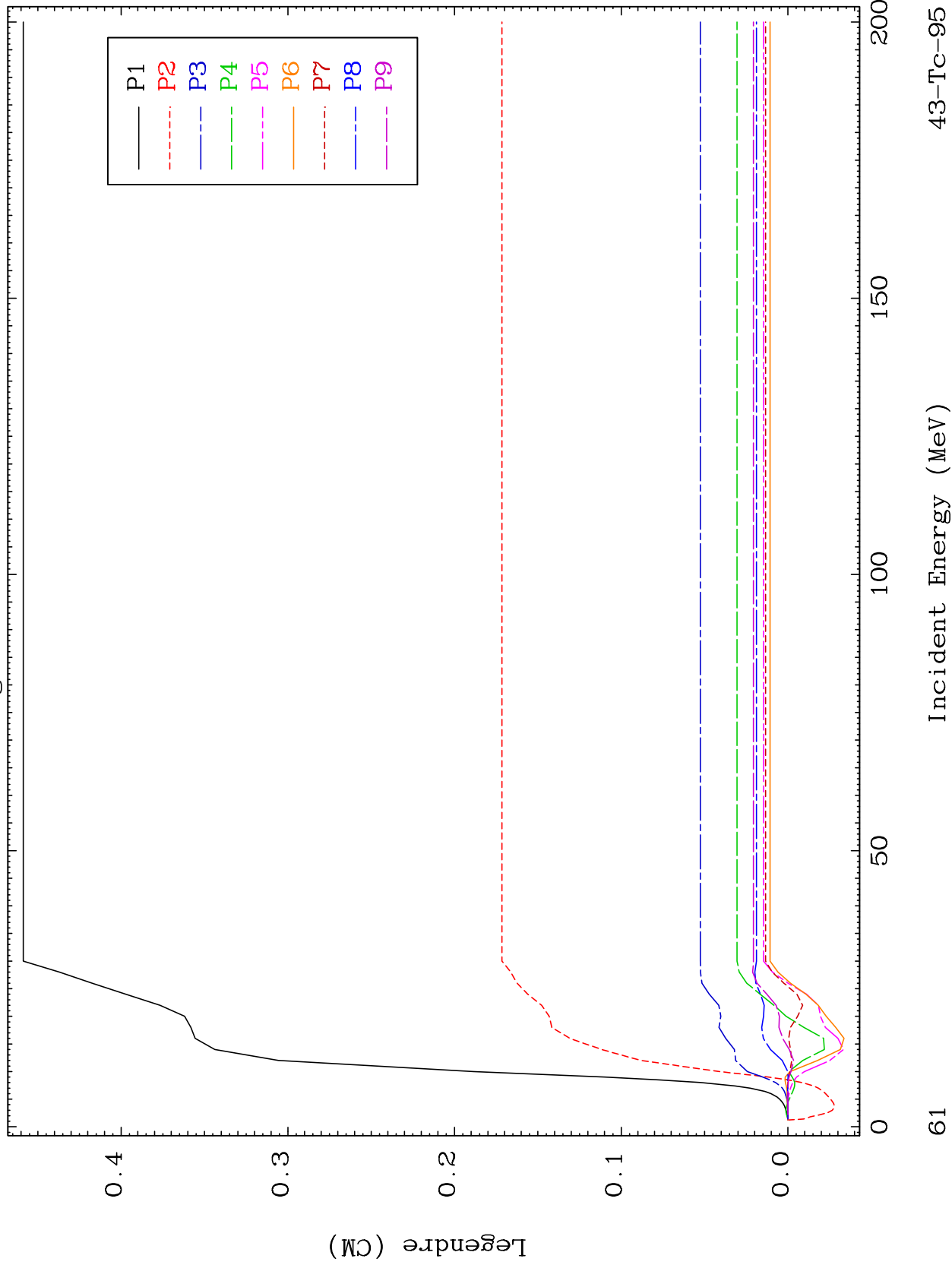
43-Tc-95



MAT 4313

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

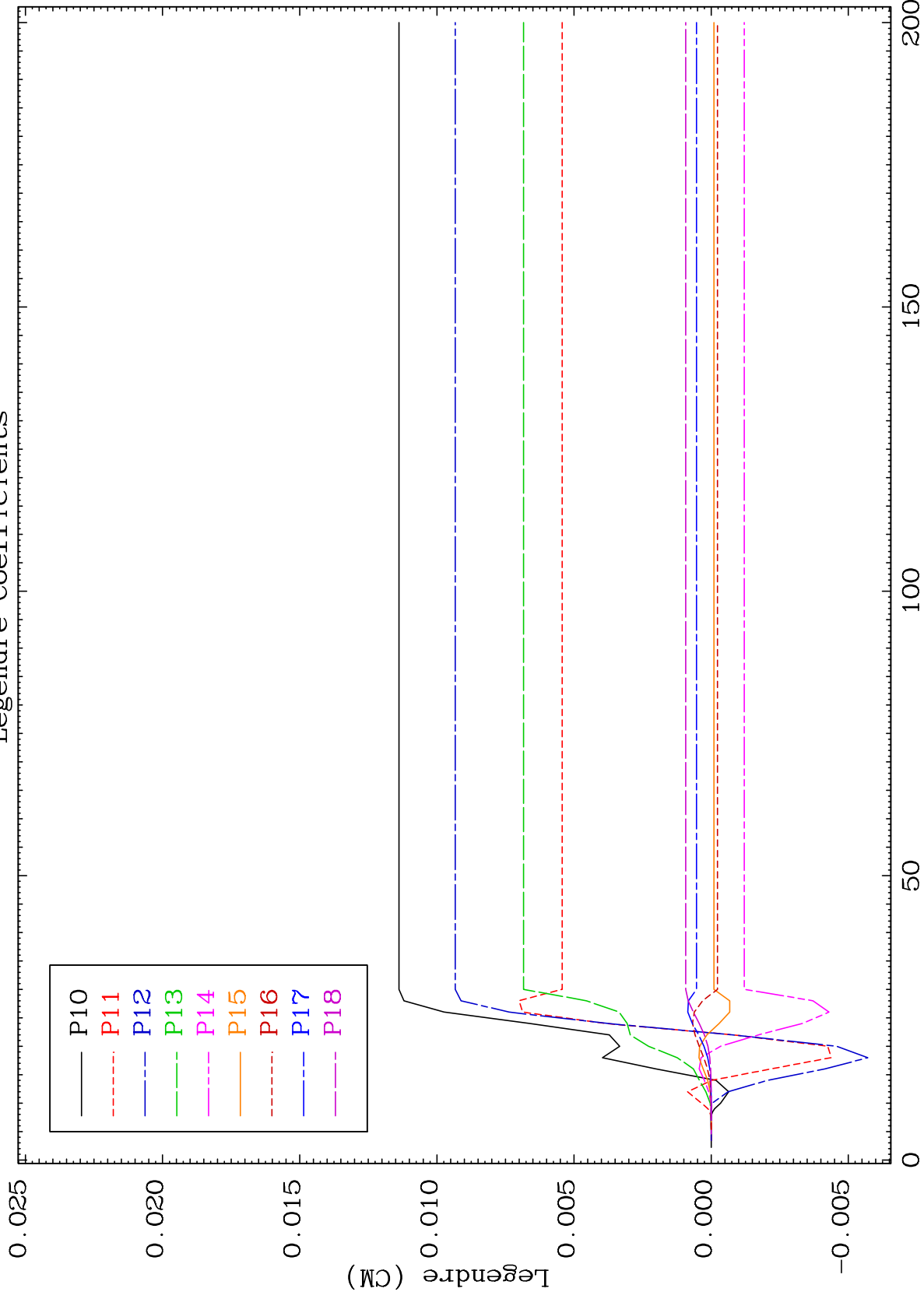
43-Tc-95



MAT 4313

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

43-Tc-95



62

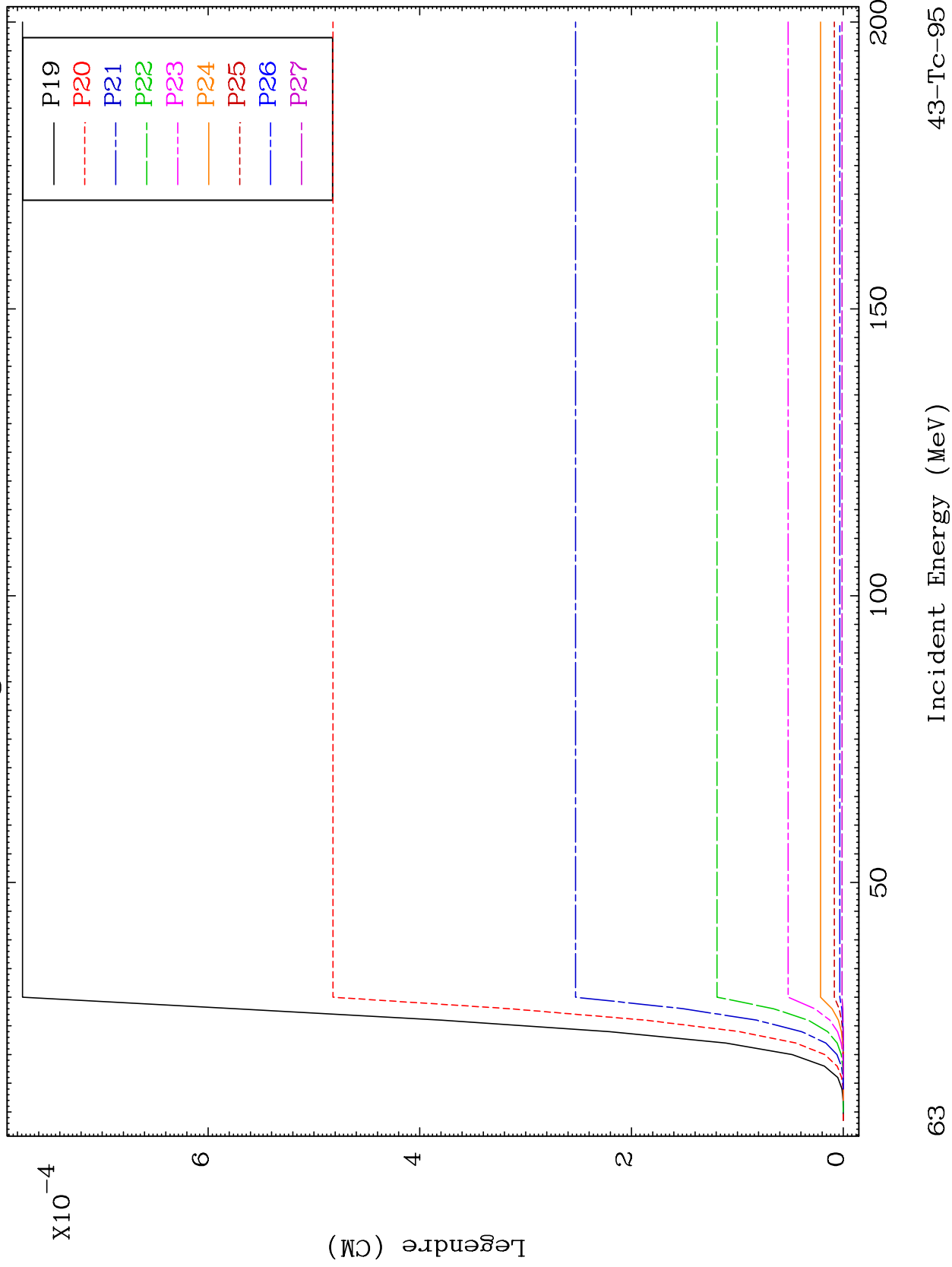
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



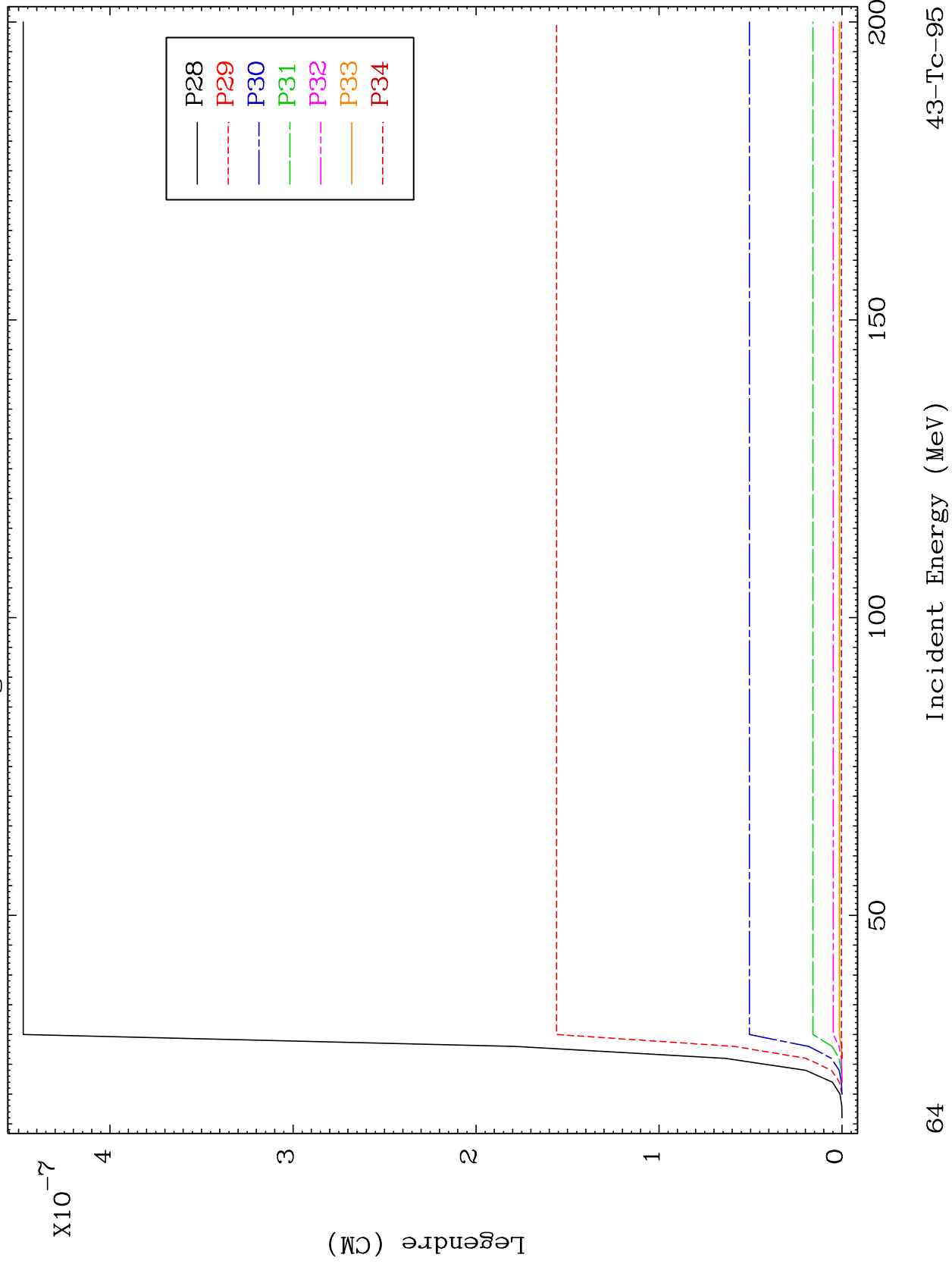
63

43-Tc-95

MAT 4313

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

43-Tc-95

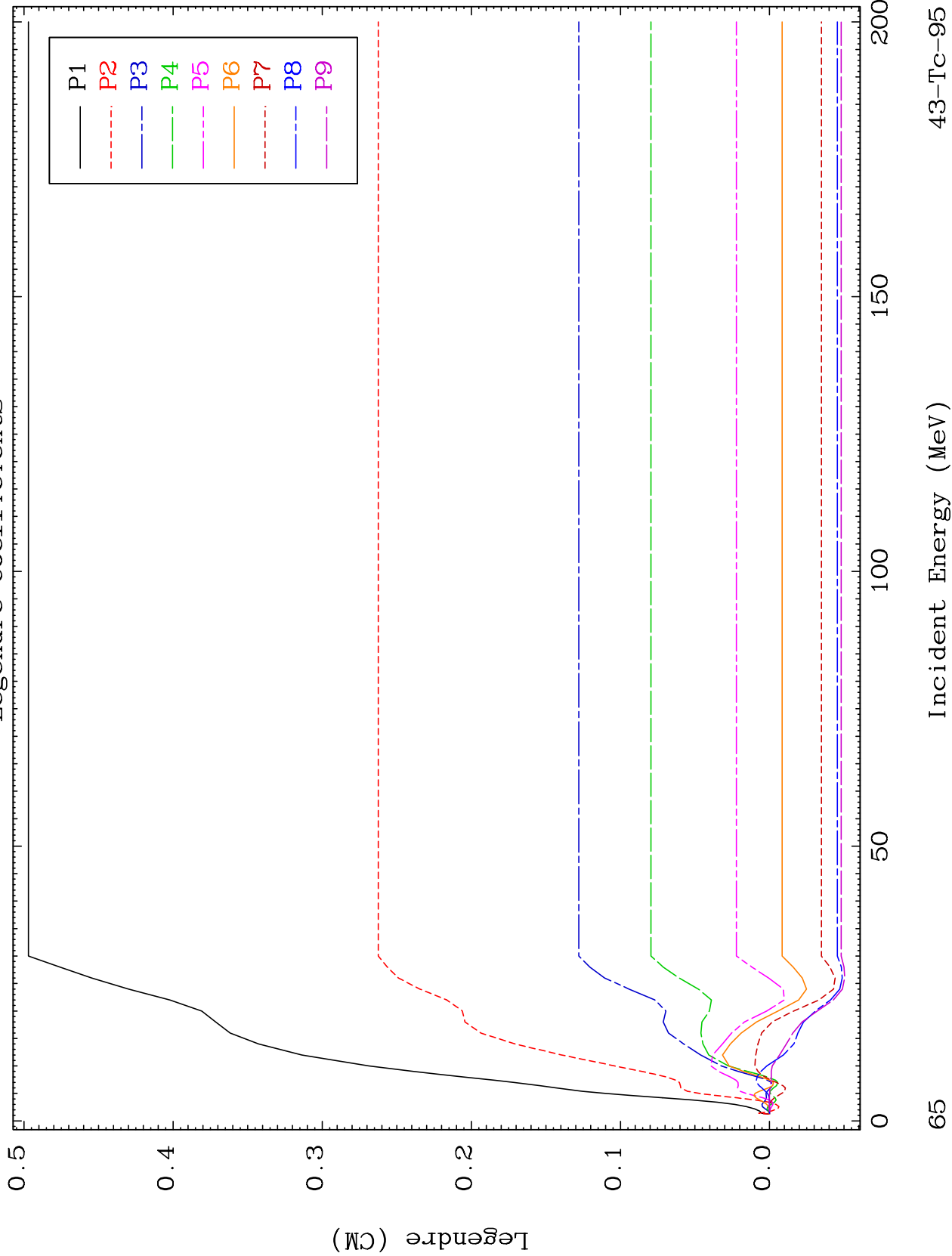


MAT 4313

MT= 64 (n,n') Level

43-Tc-95

Legendre Coefficients



65

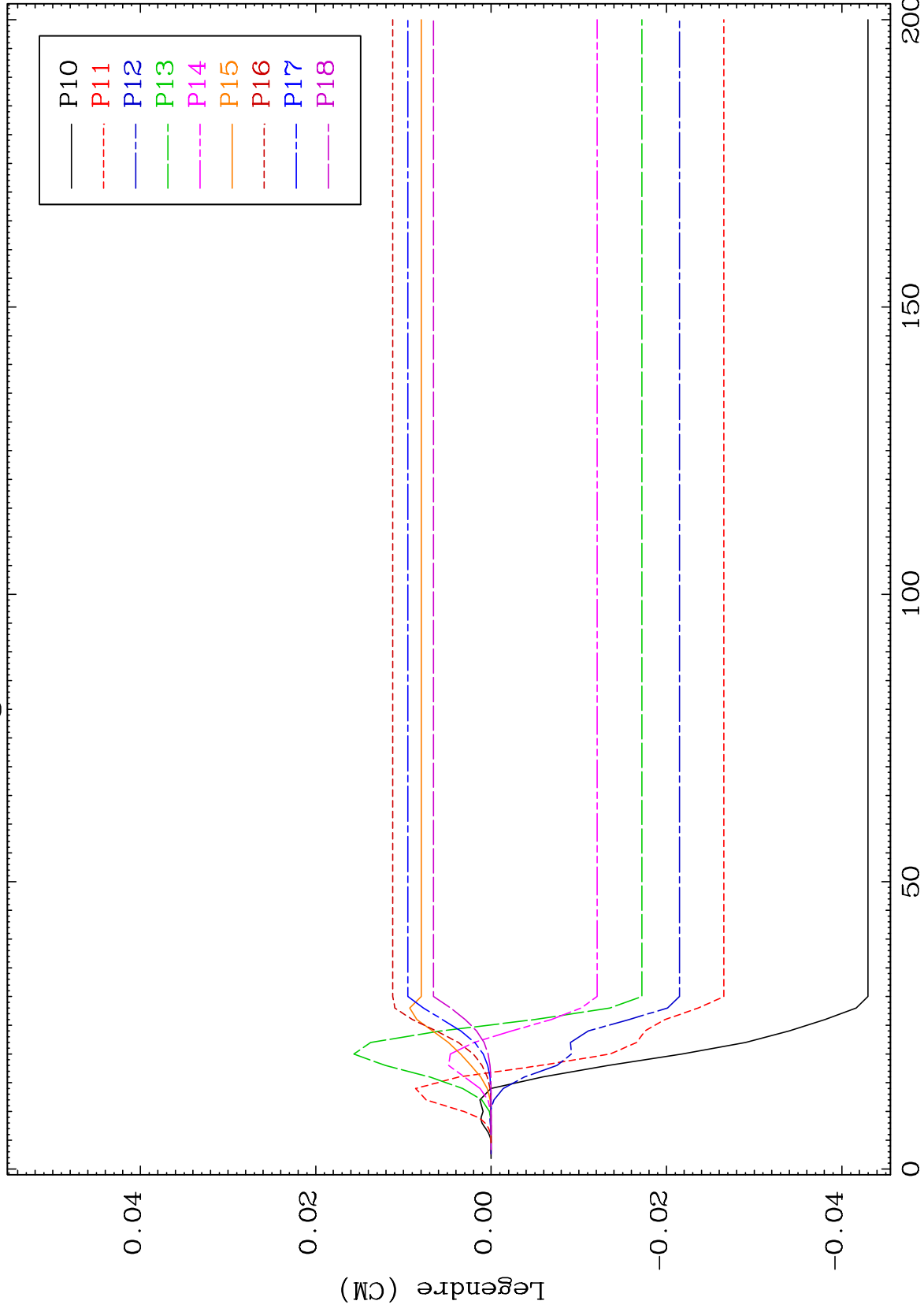
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



66

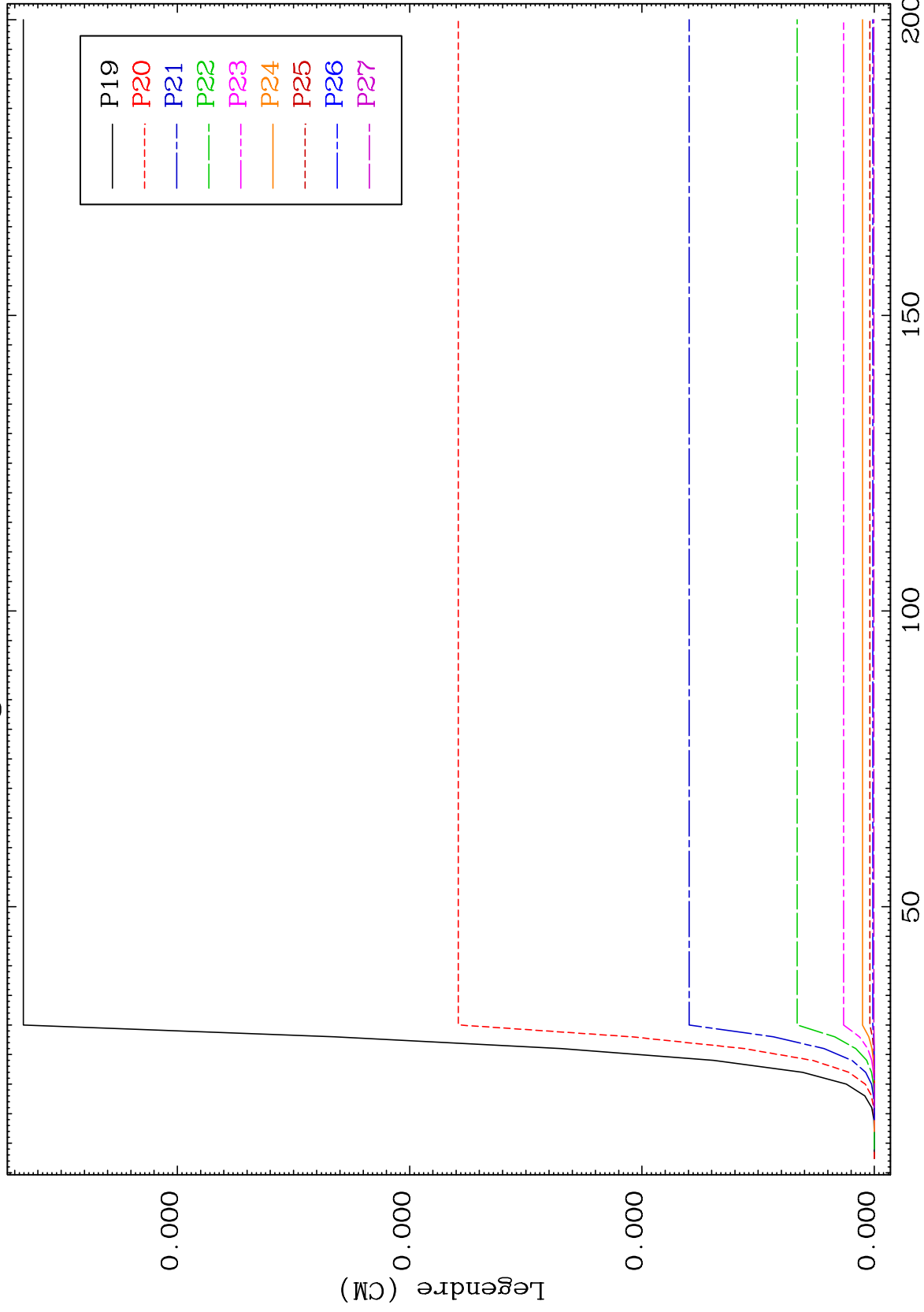
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



67

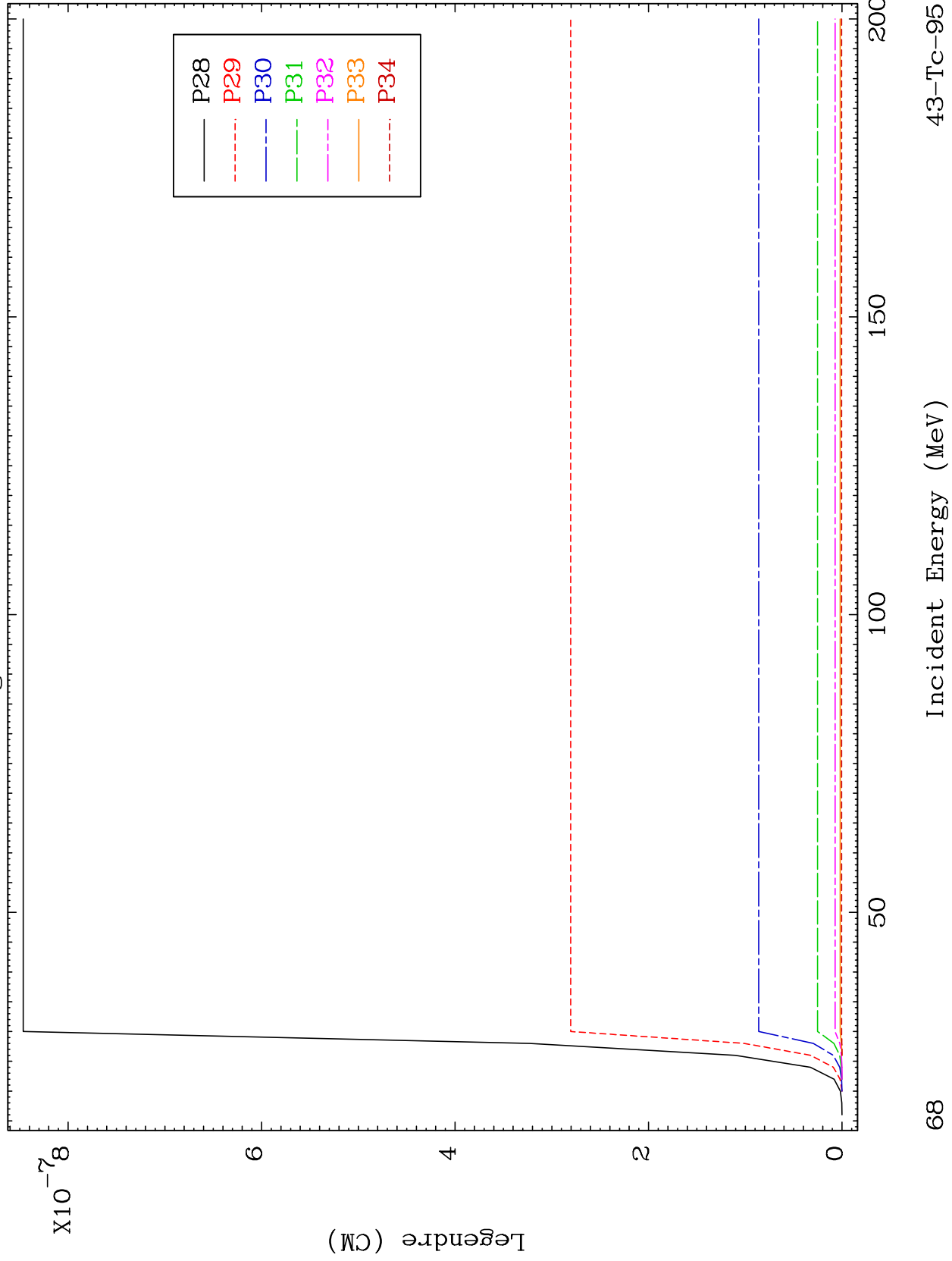
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



68

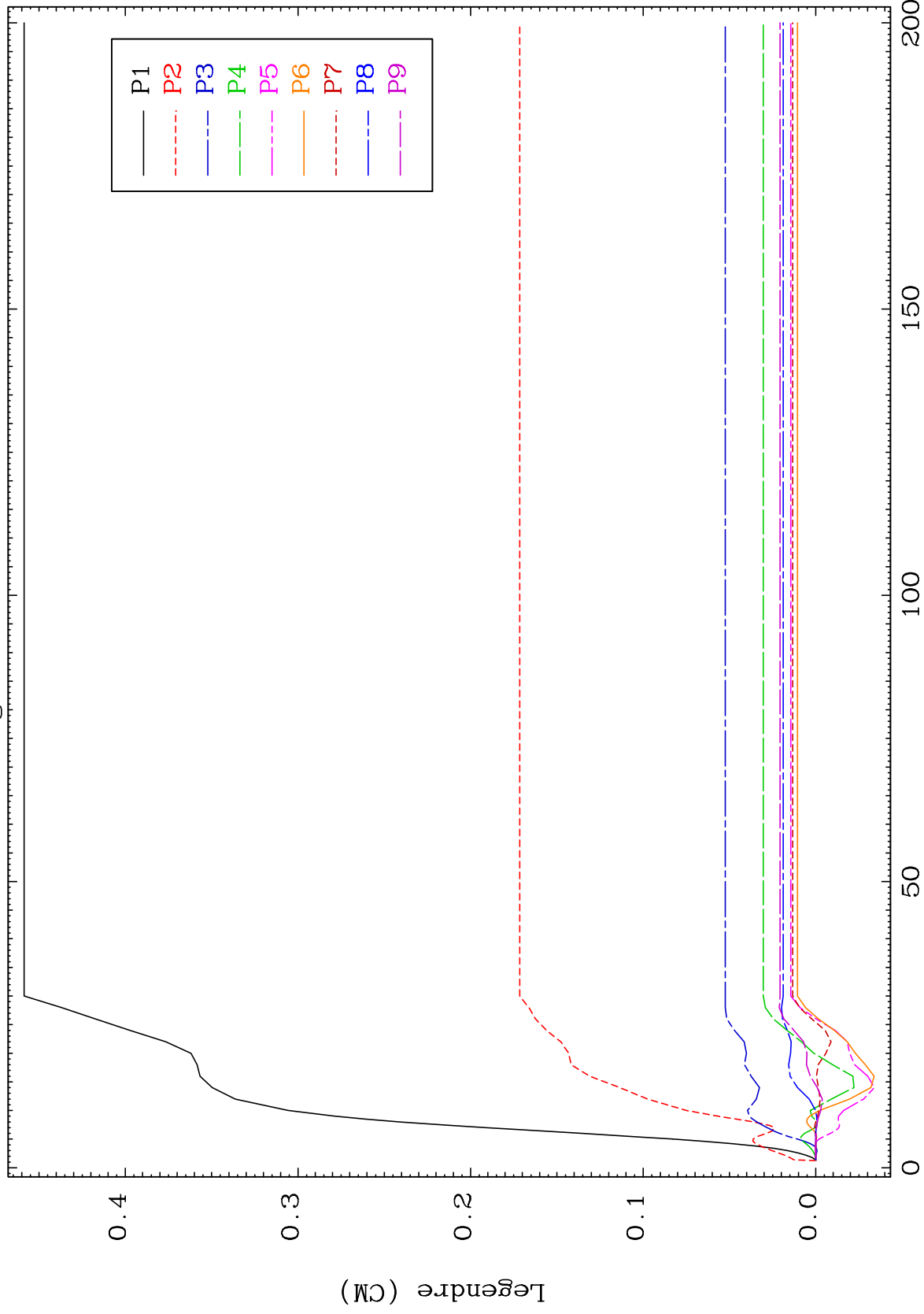
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



69

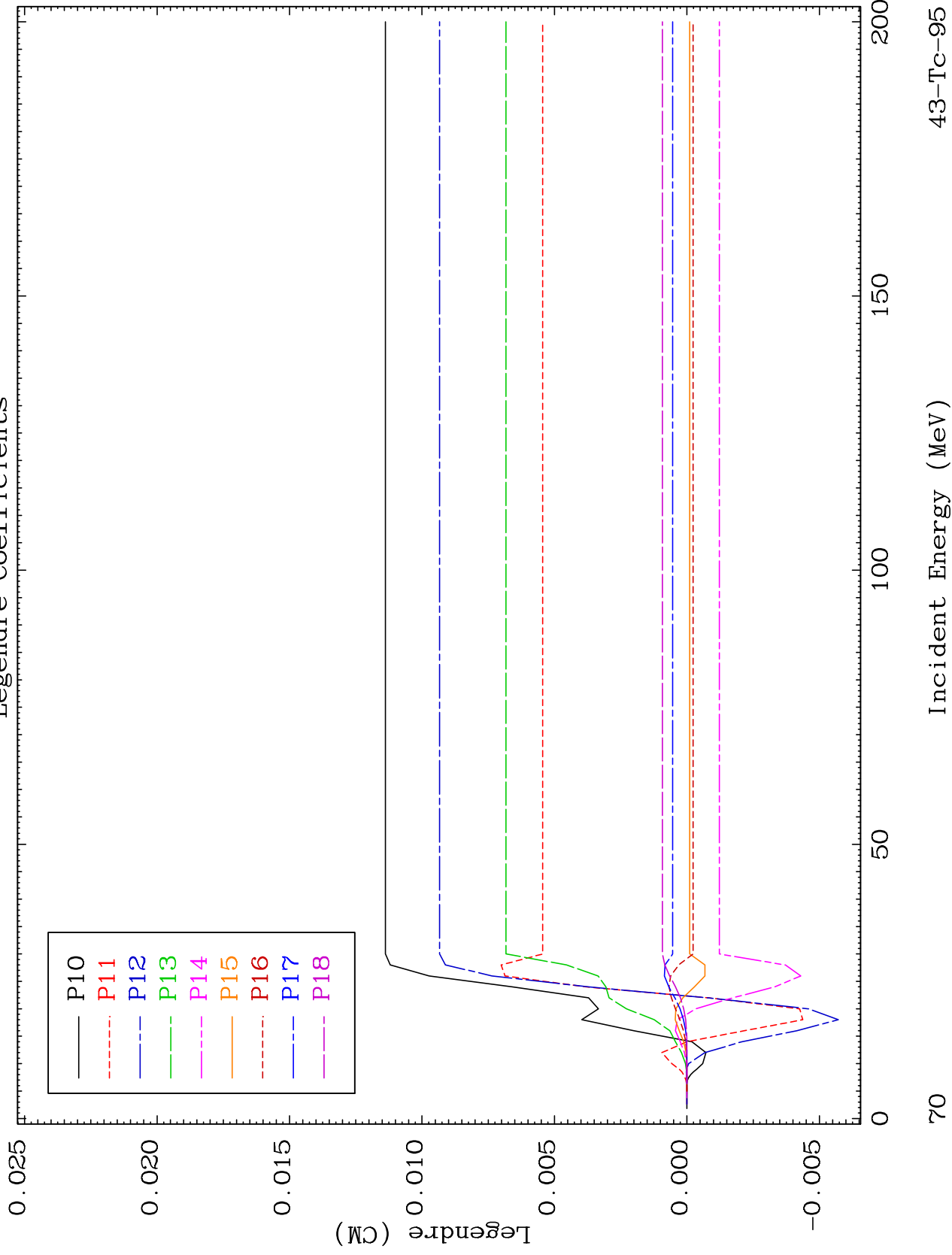
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



70

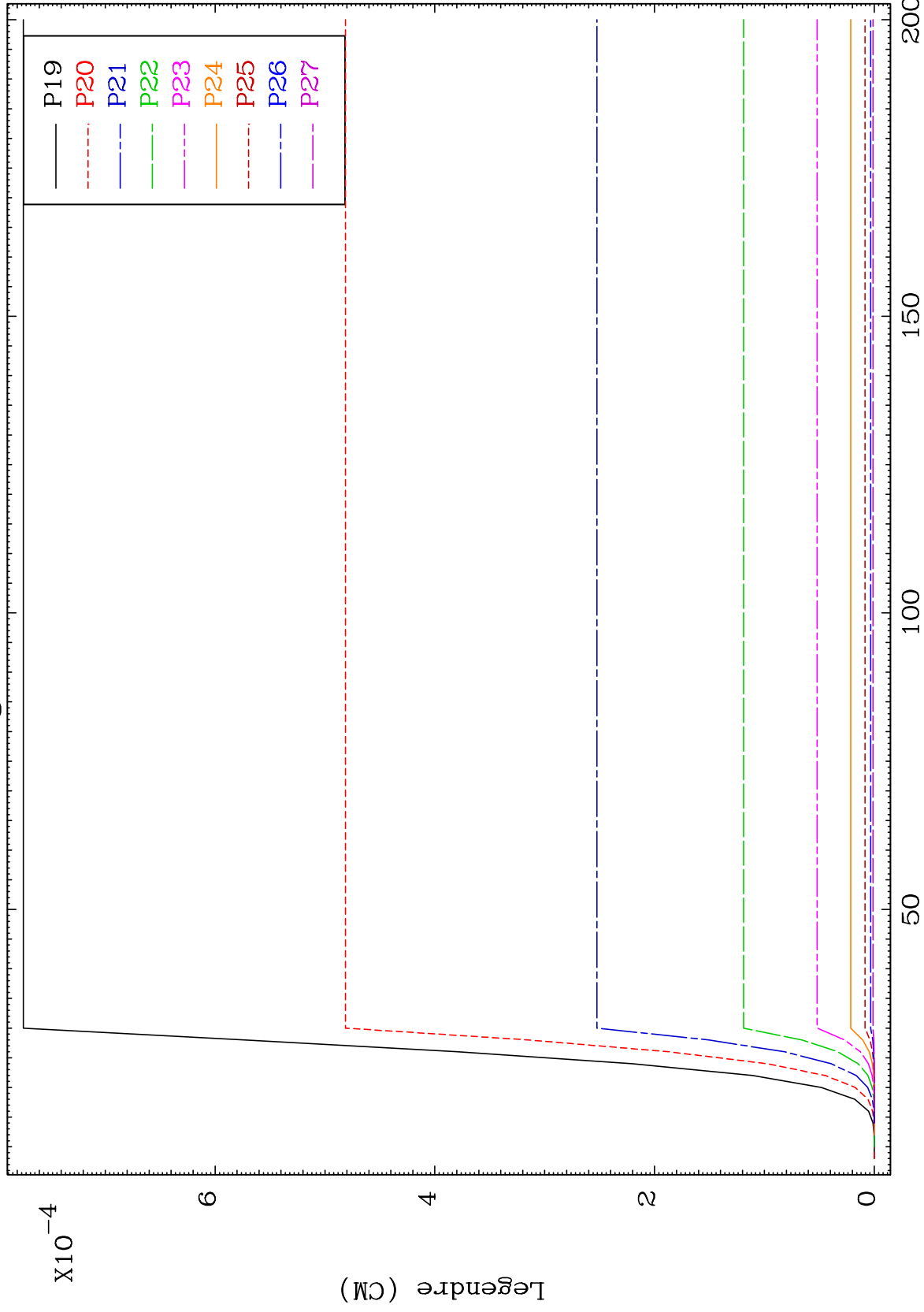
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



71

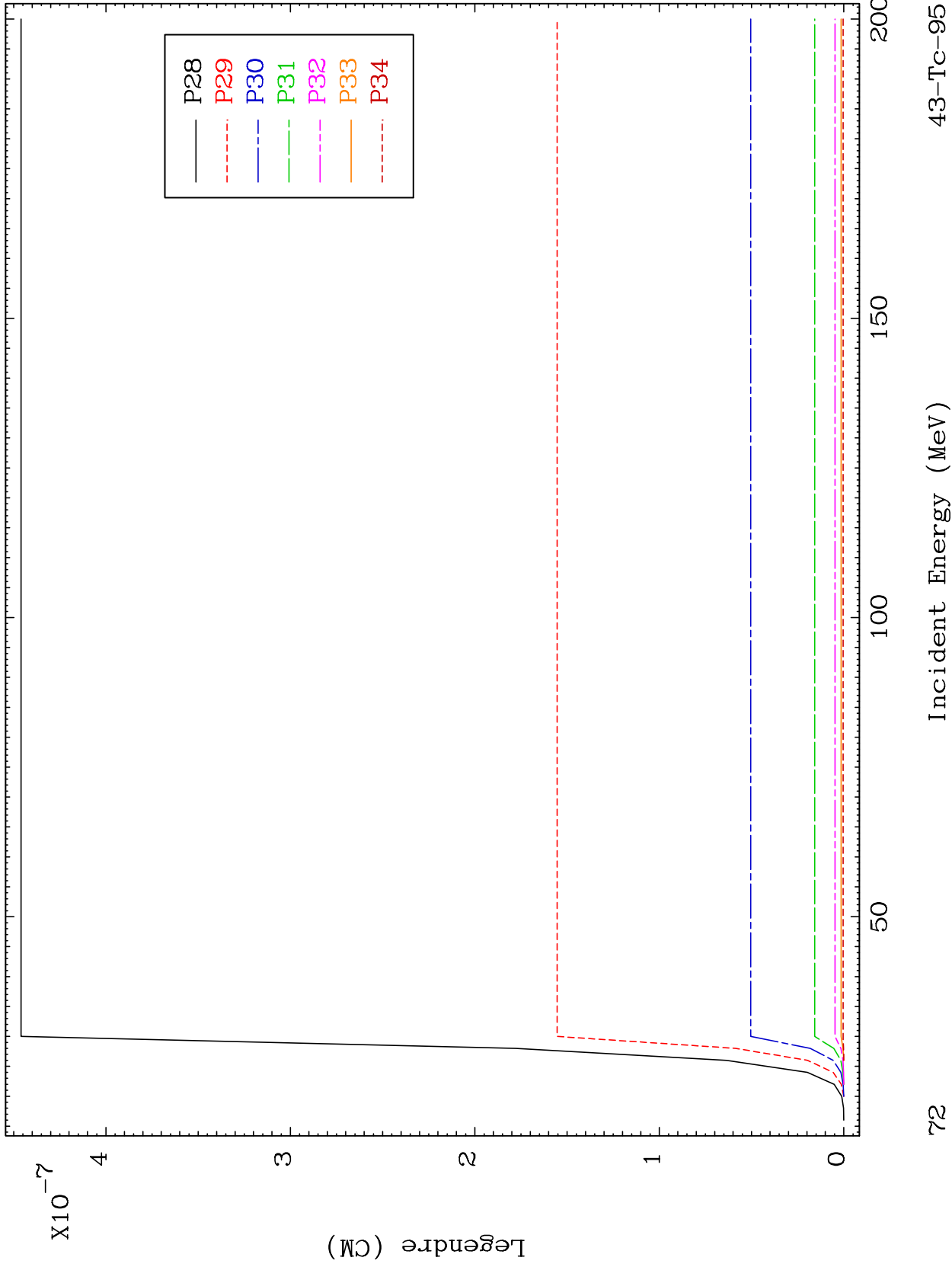
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



72

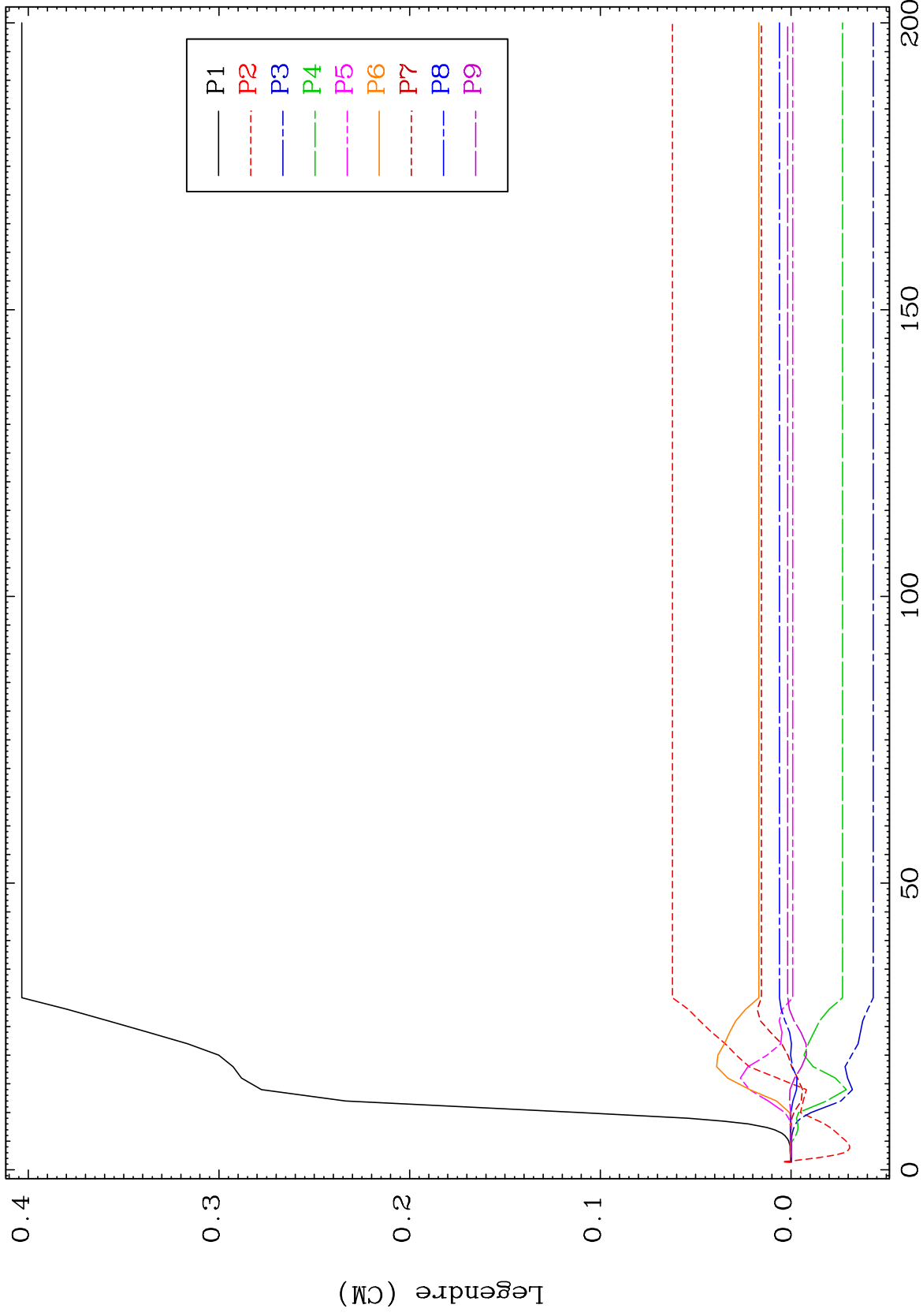
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



73

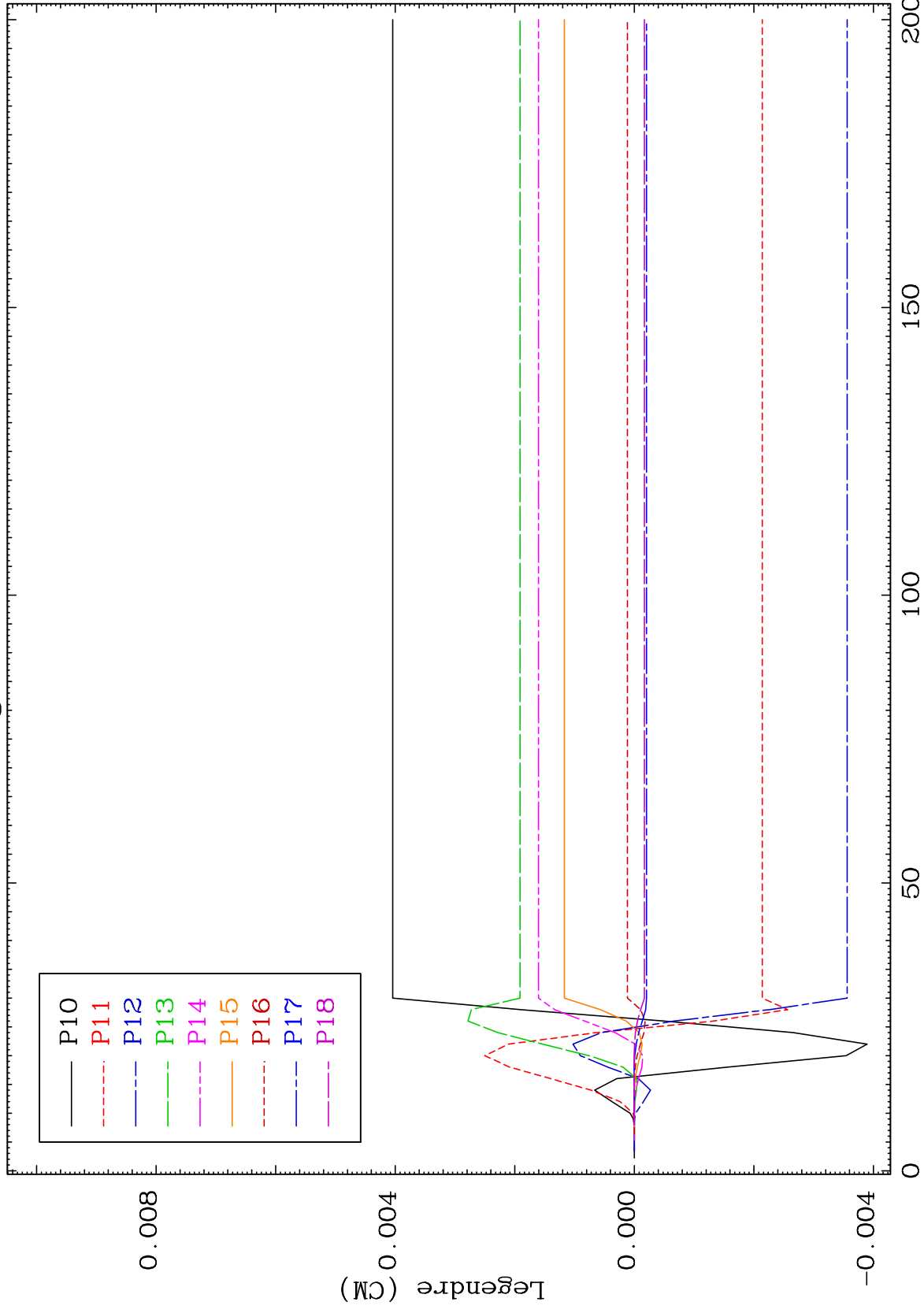
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



74

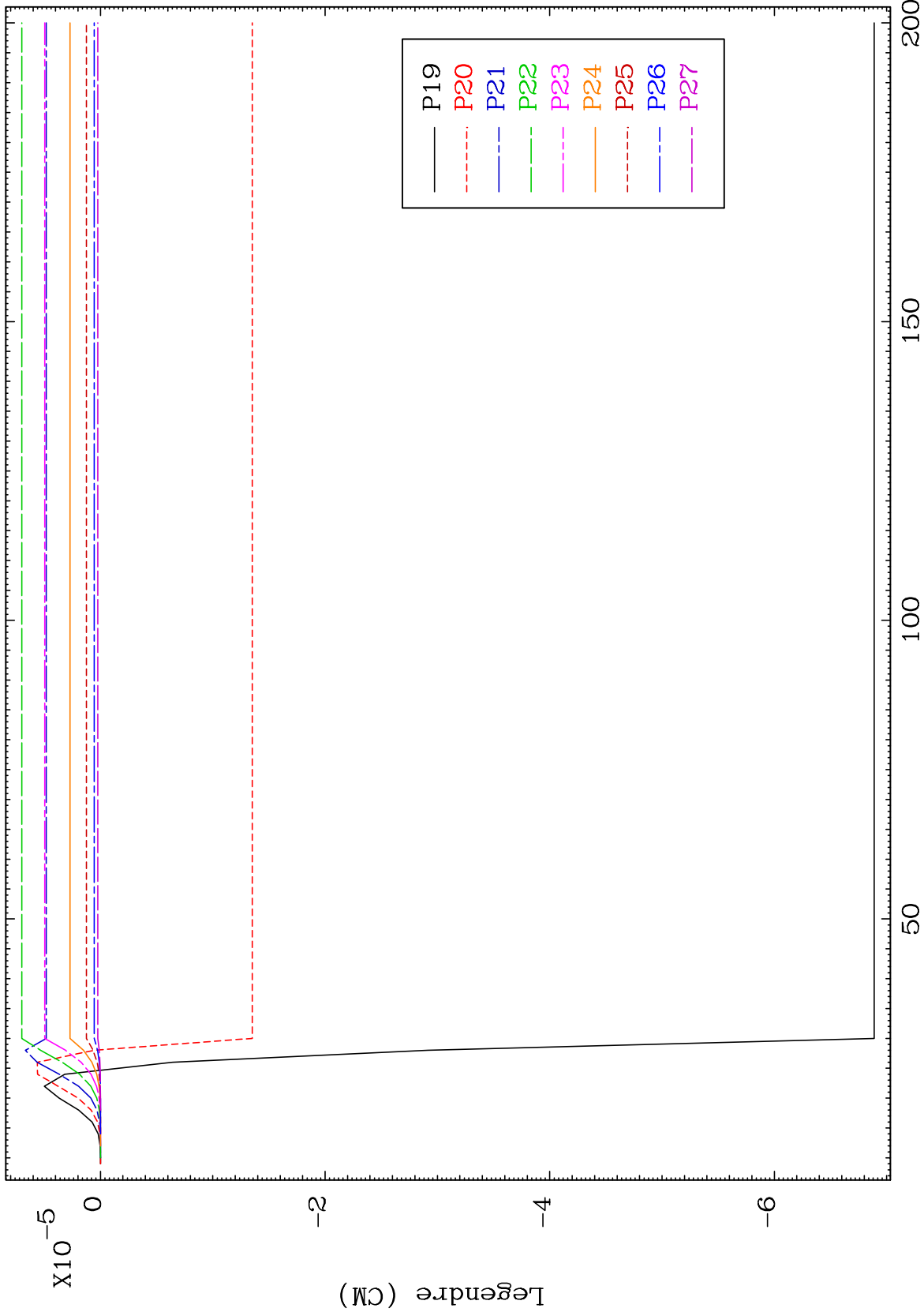
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



75

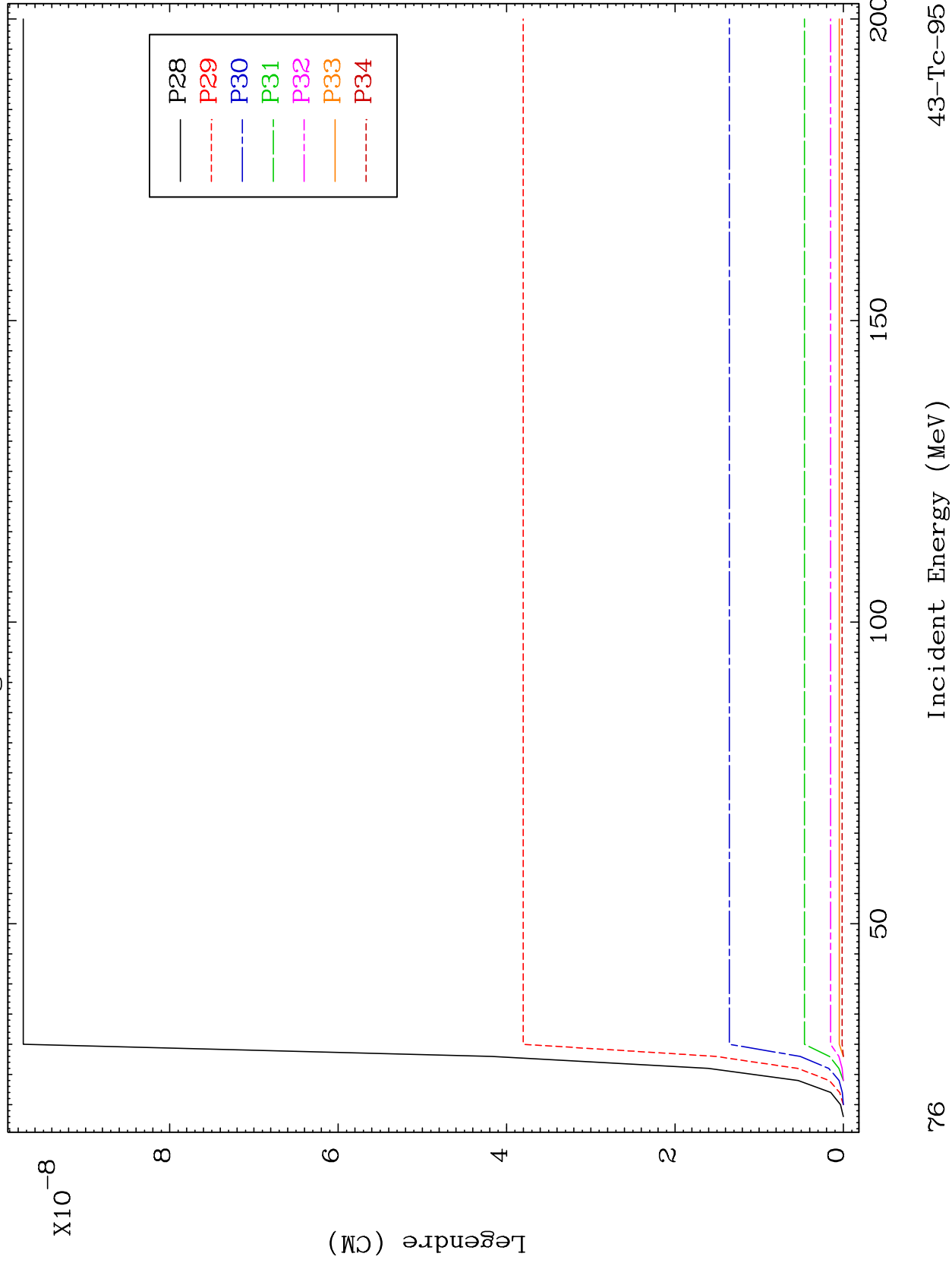
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95

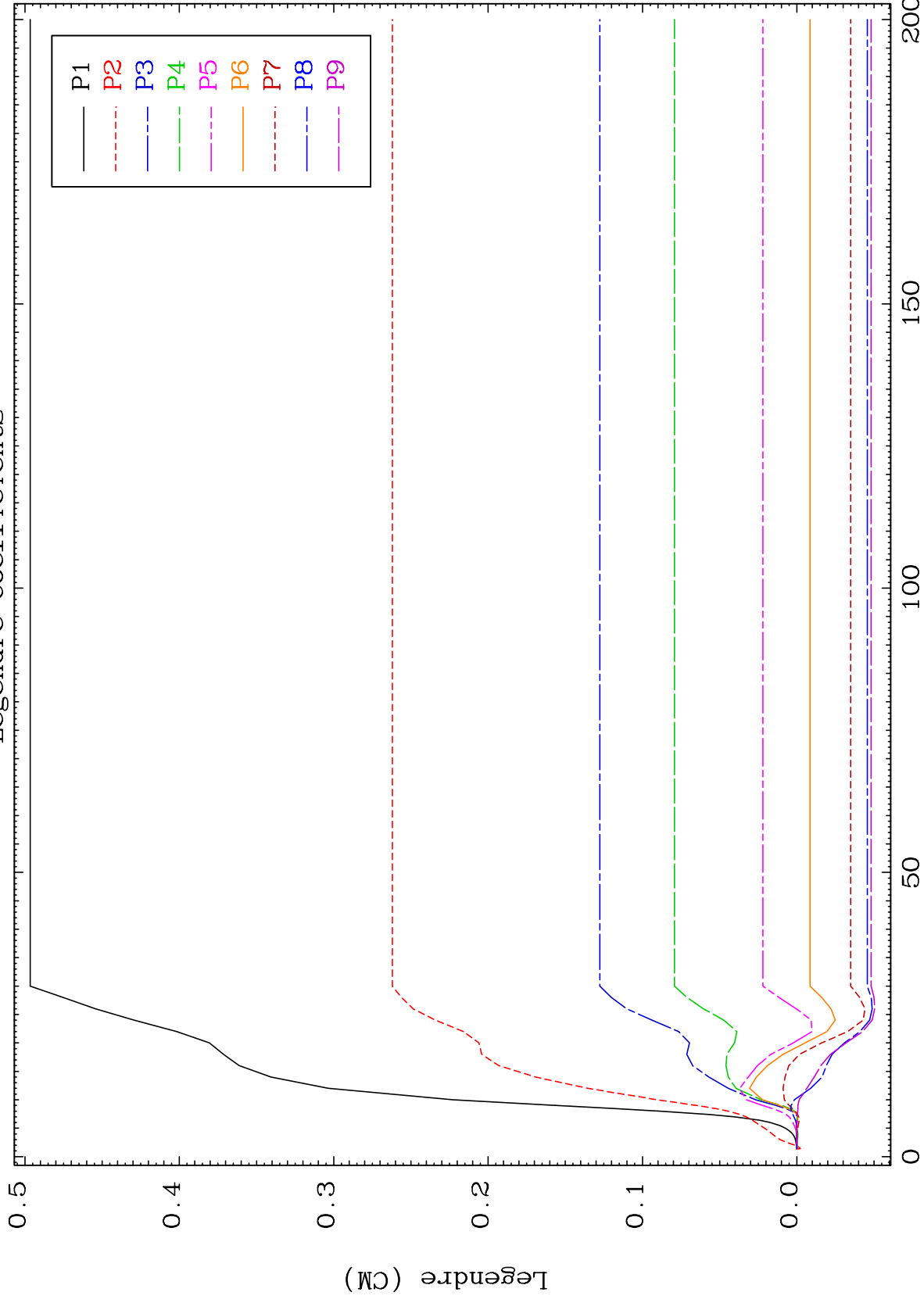


MAT 4313

MT= 67 (n,n') Level

43-Tc-95

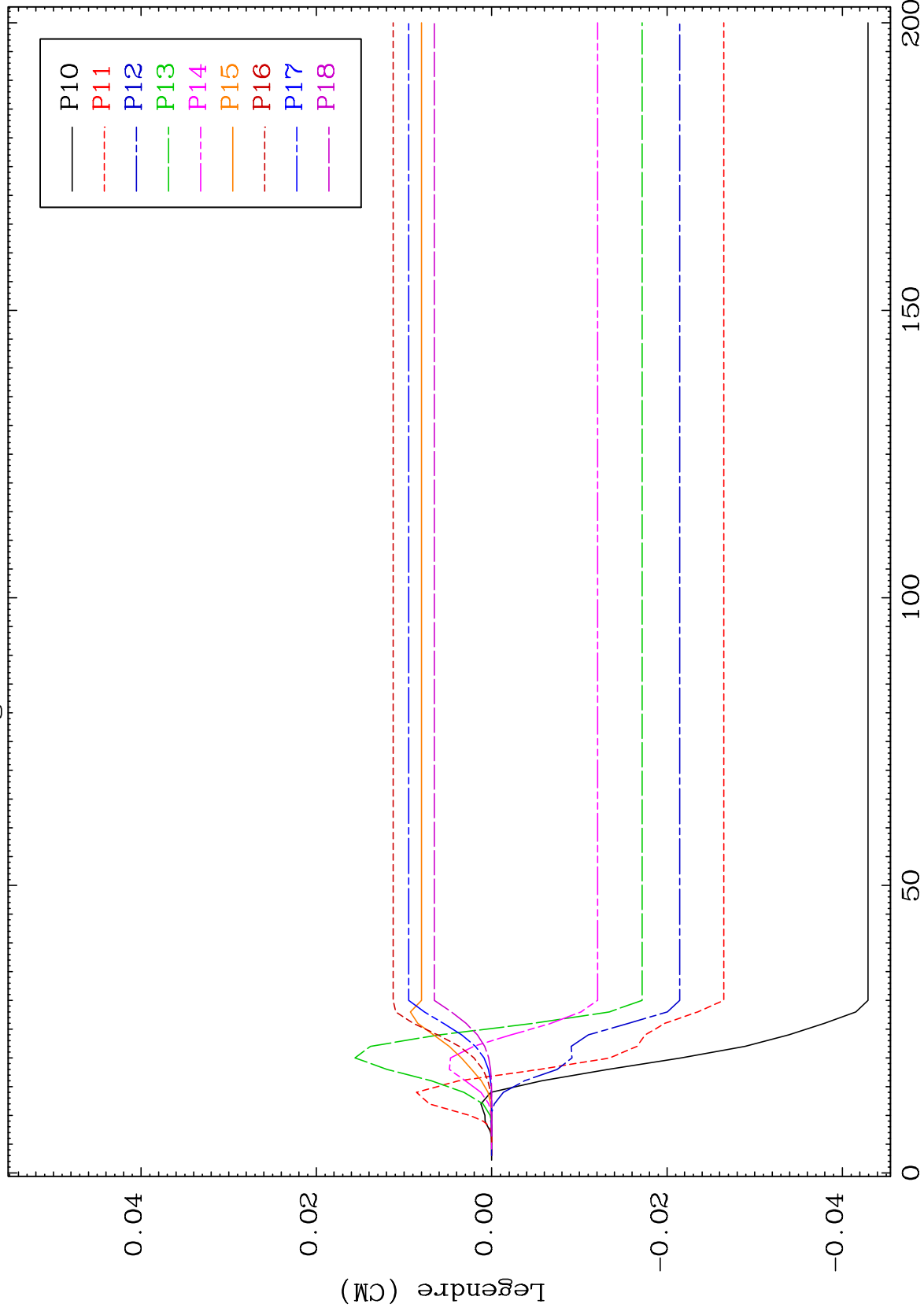
Legendre Coefficients



MAT 4313

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

43-Tc-95



78

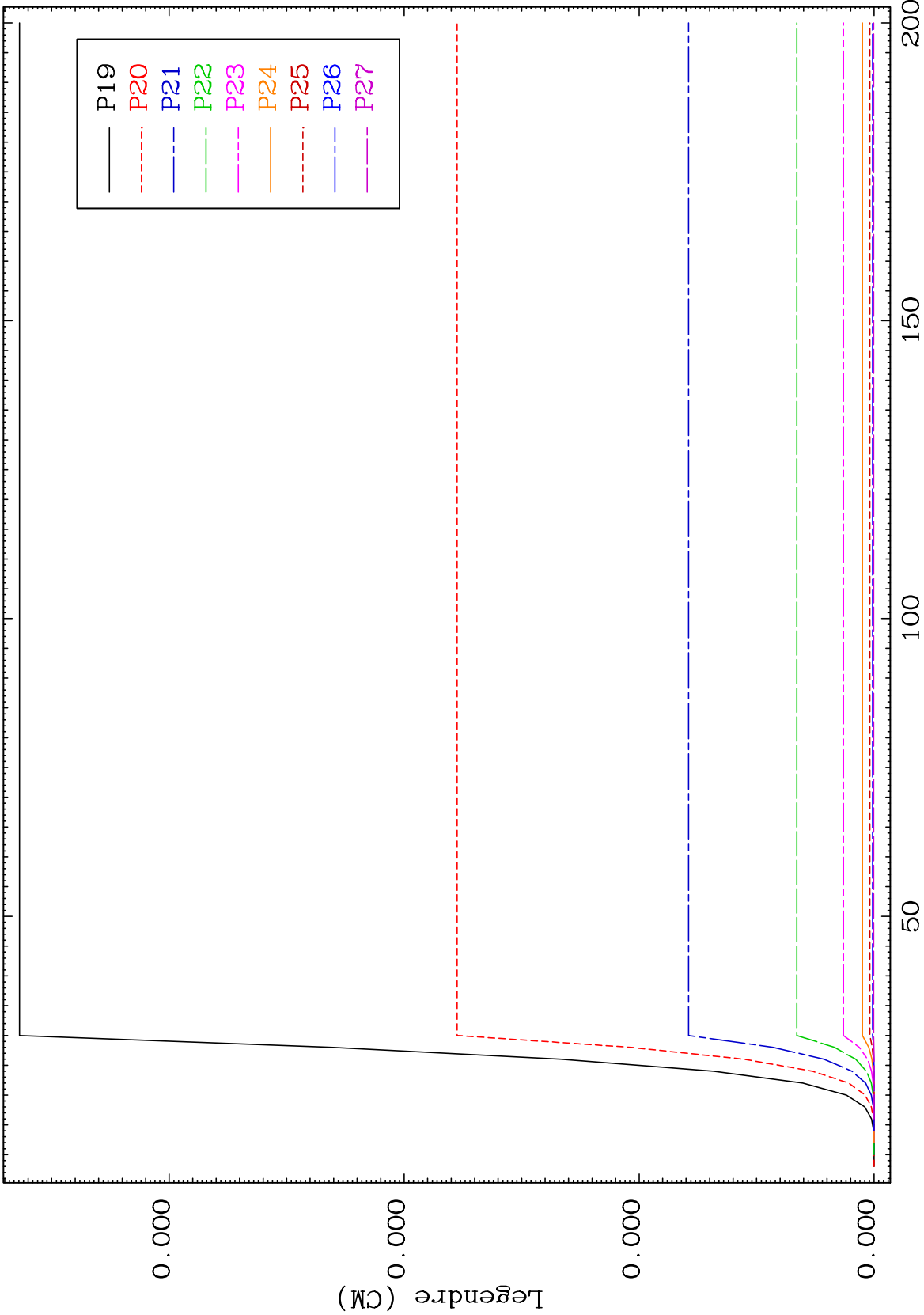
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



79

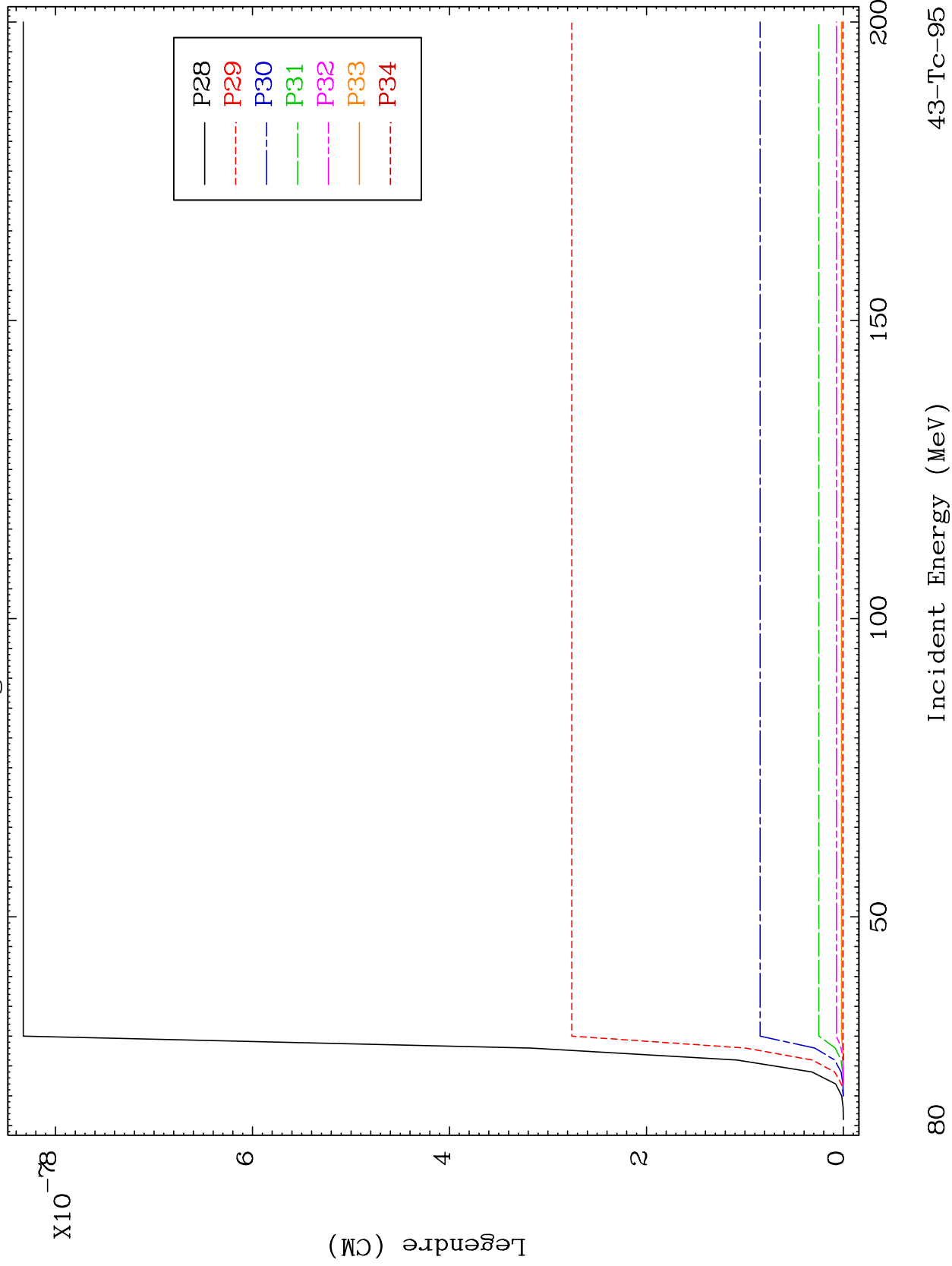
Incident Energy (MeV)

43-Tc-95

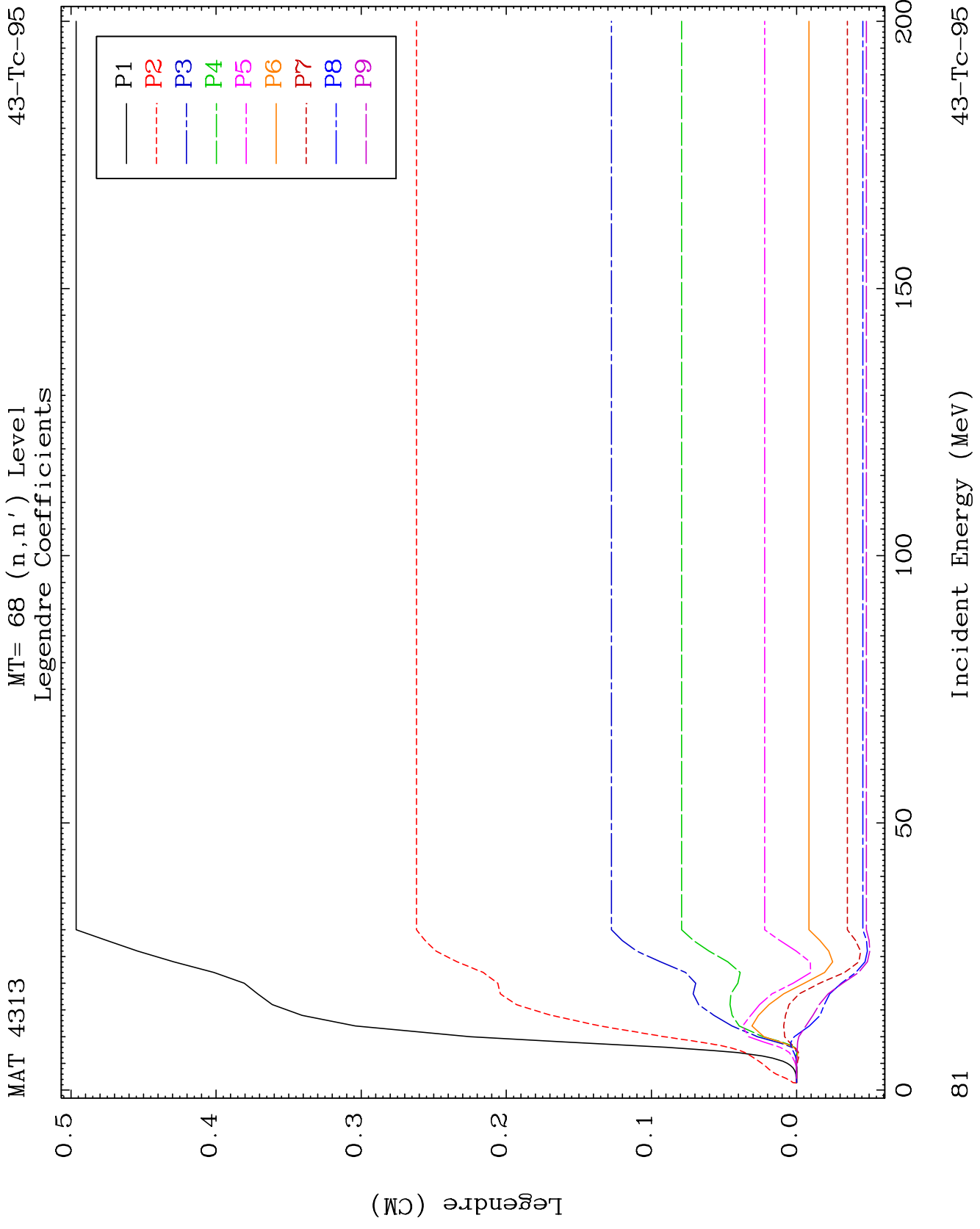
MAT 4313

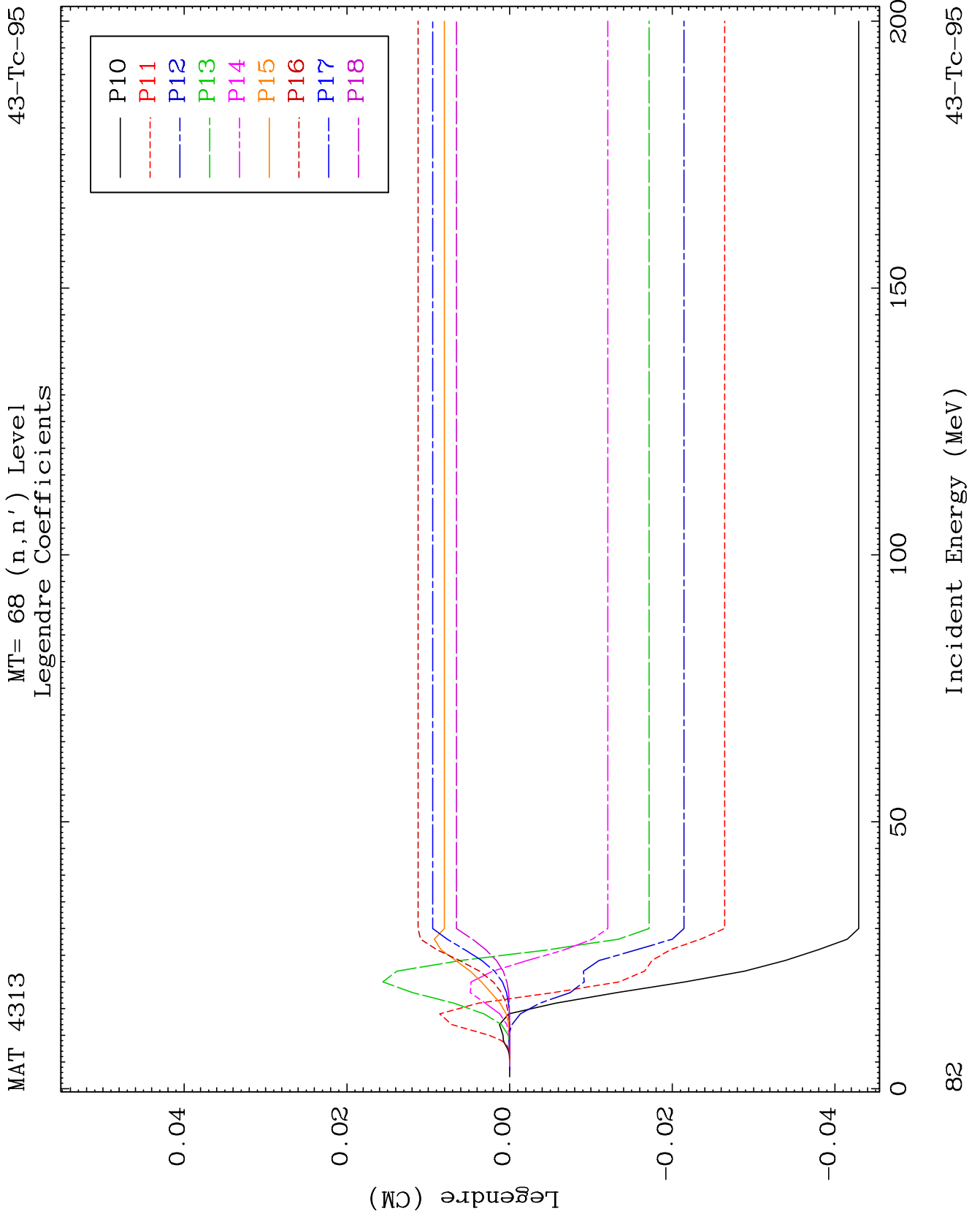
MT= 67 (n,n') Level
Legendre Coefficients

43-Tc-95



43-Tc-95

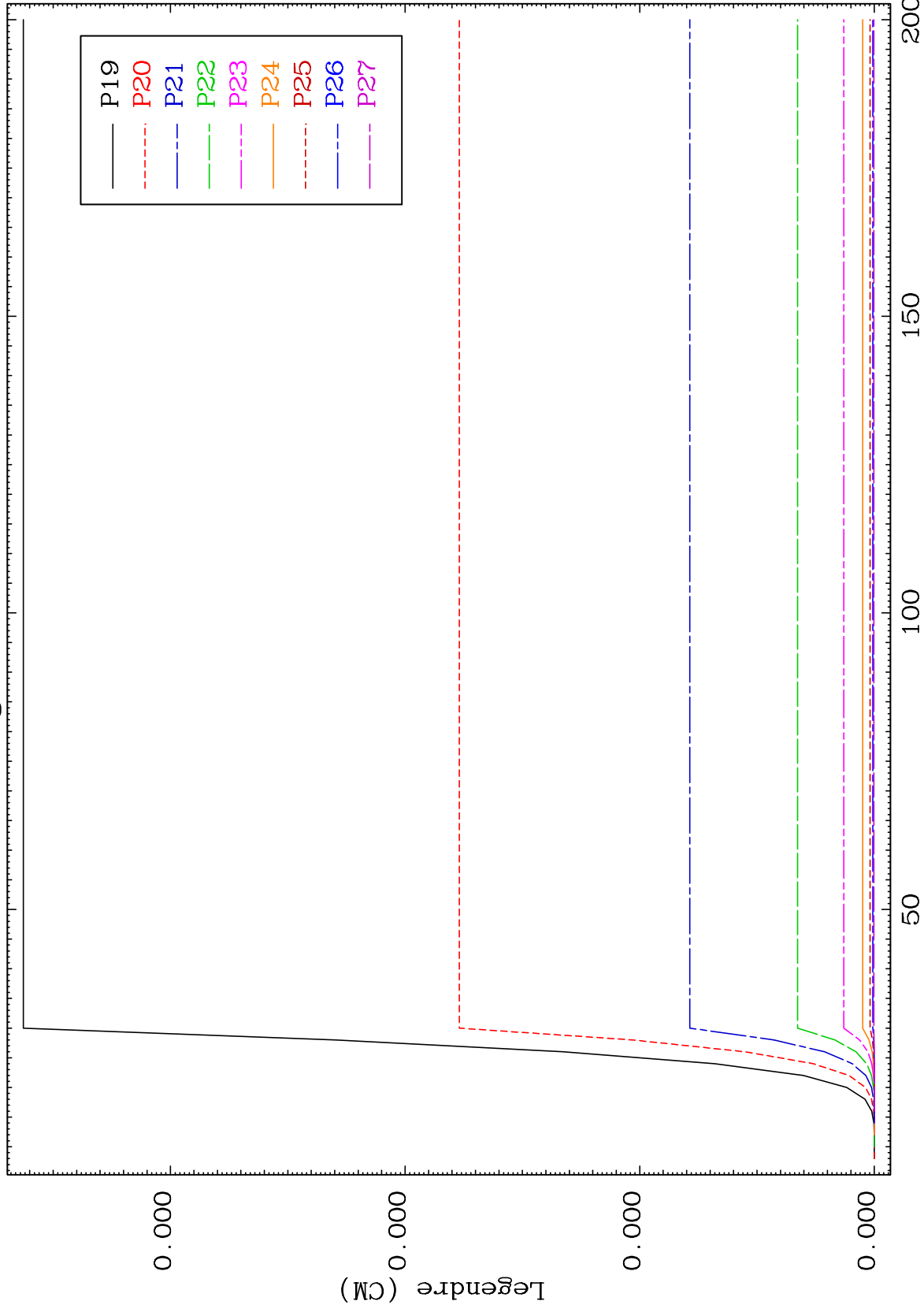




MAT 4313

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

43-Tc-95



83

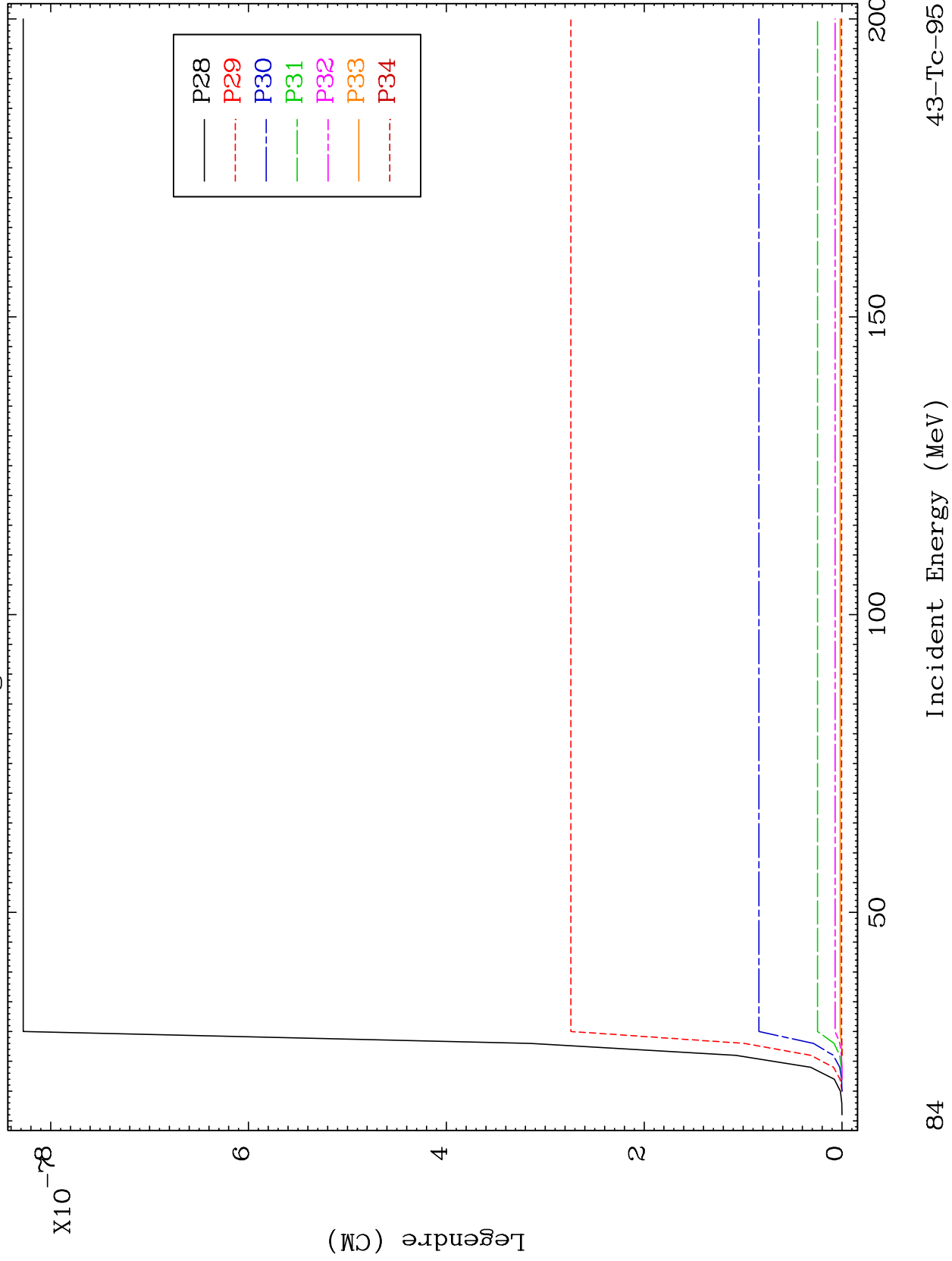
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

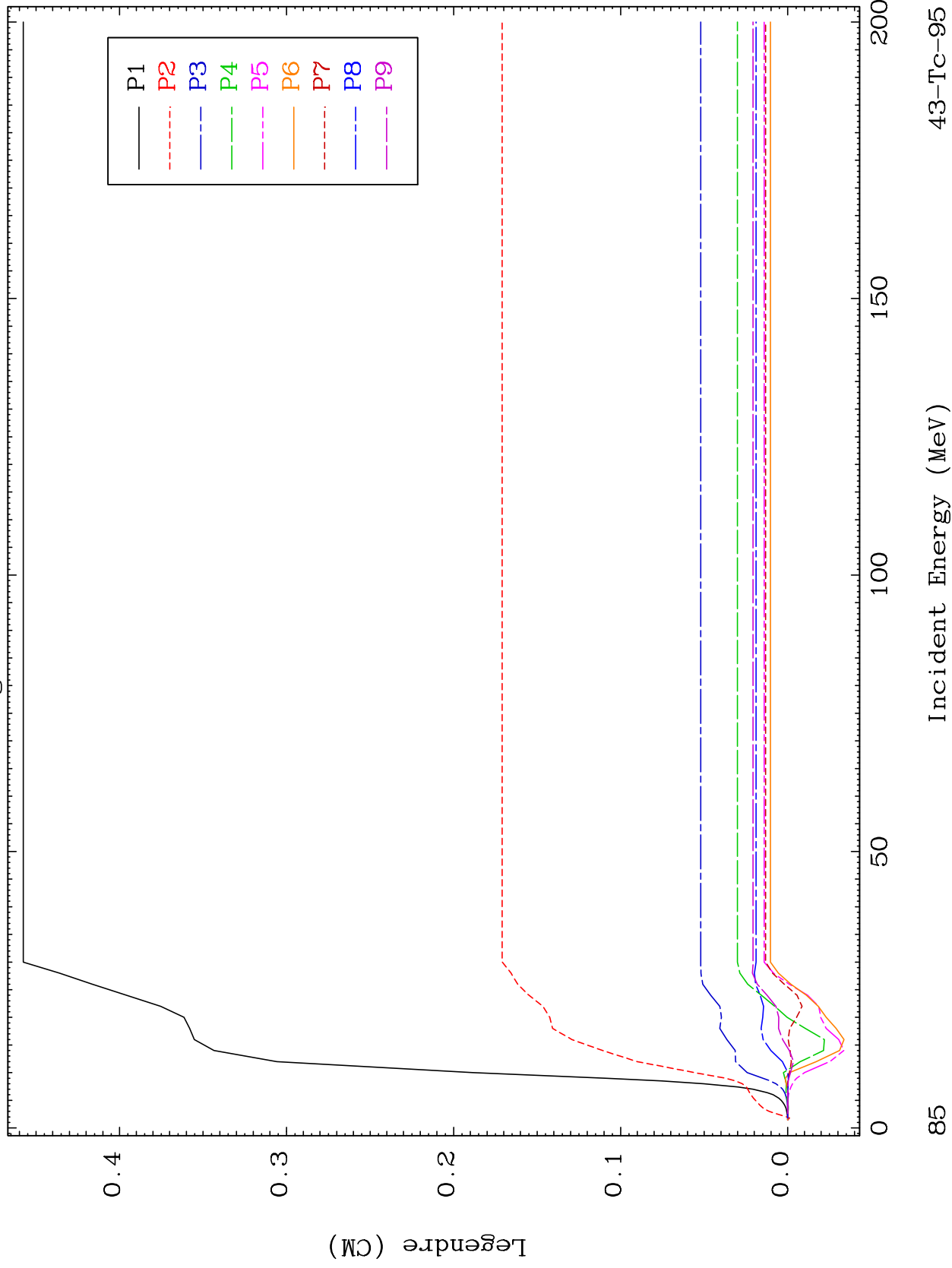
43-Tc-95



MAT 4313

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

43-Tc-95



43-Tc-95

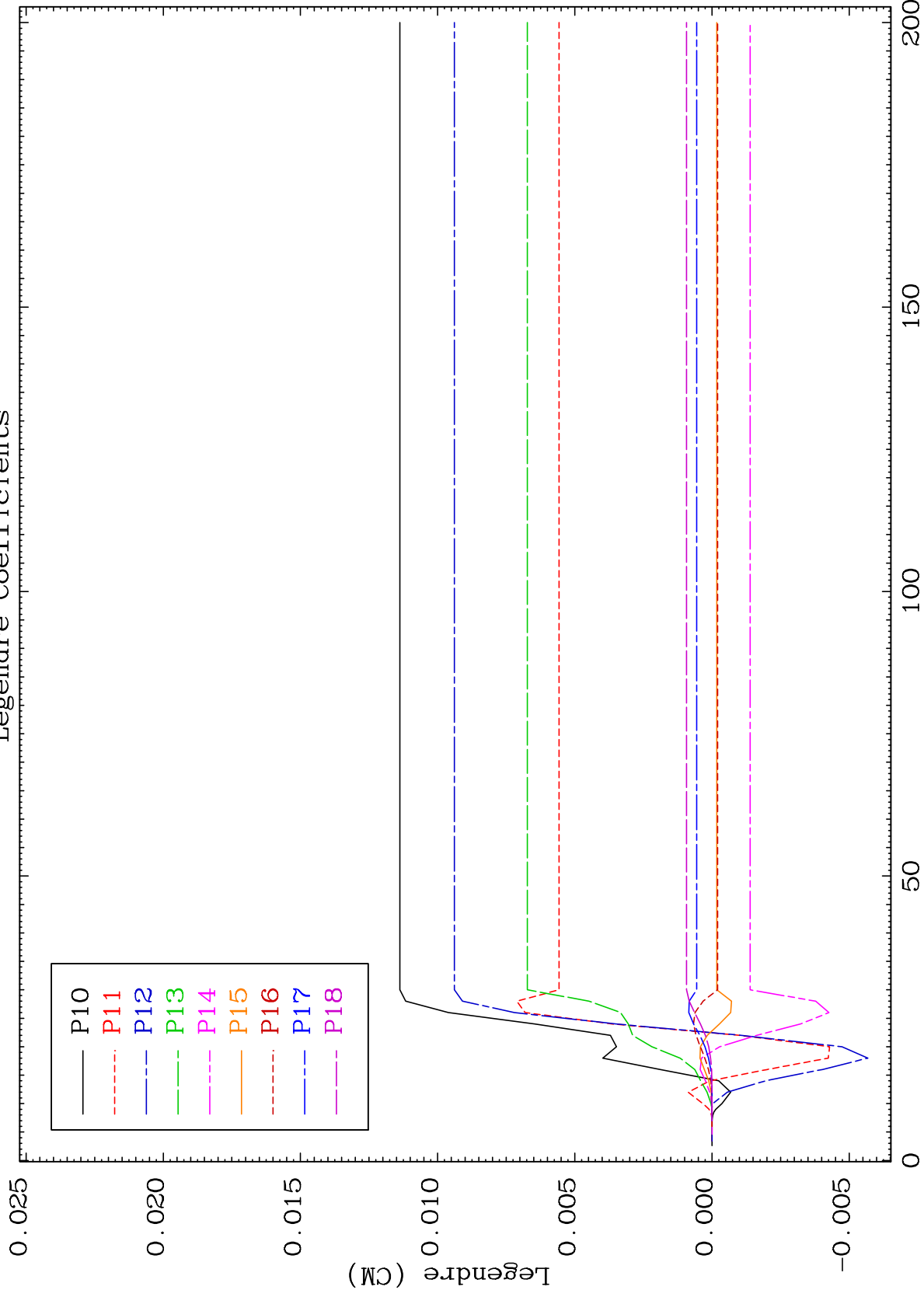
Incident Energy (MeV)

85

MAT 4313

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

43-Tc-95



86

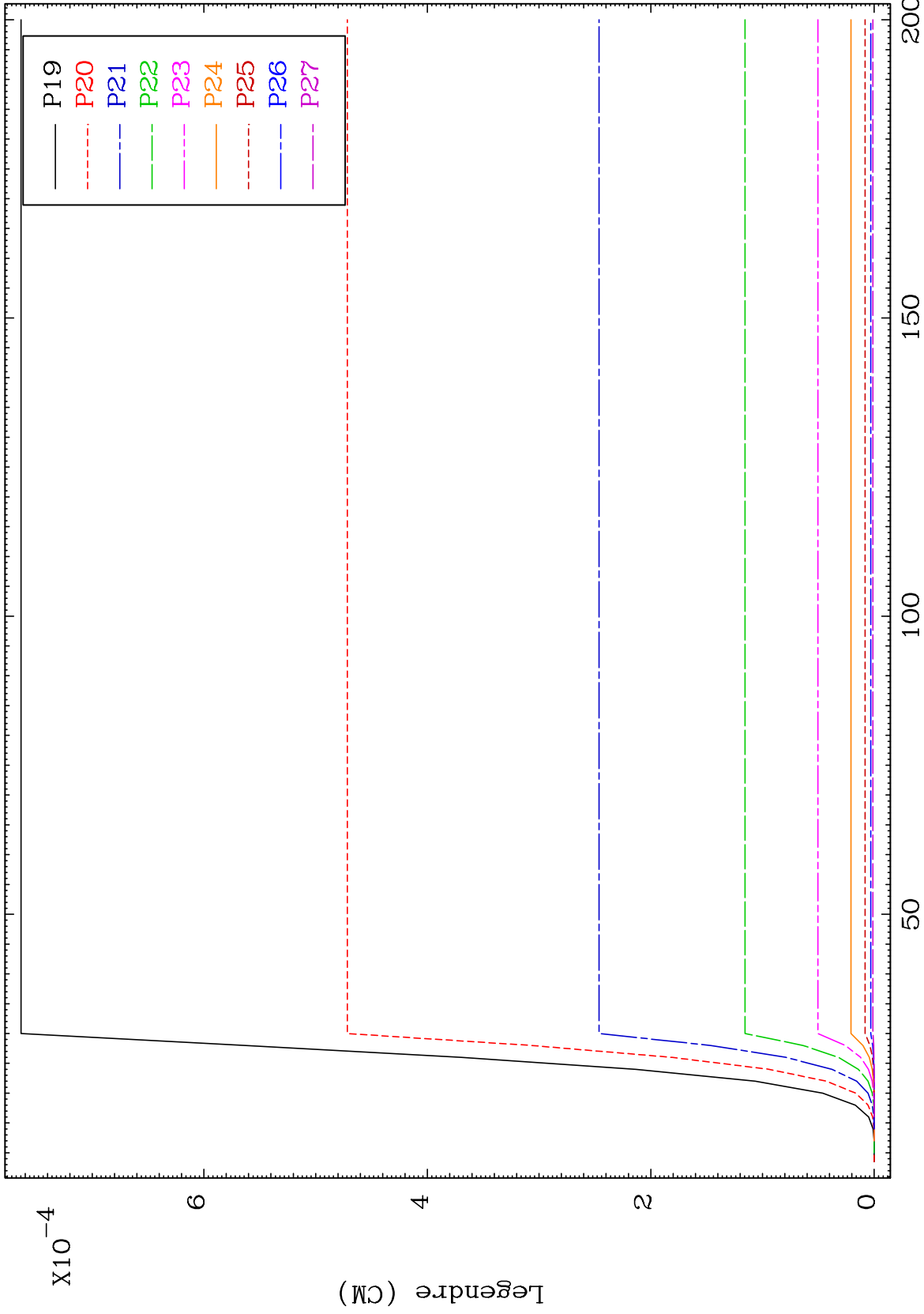
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



87

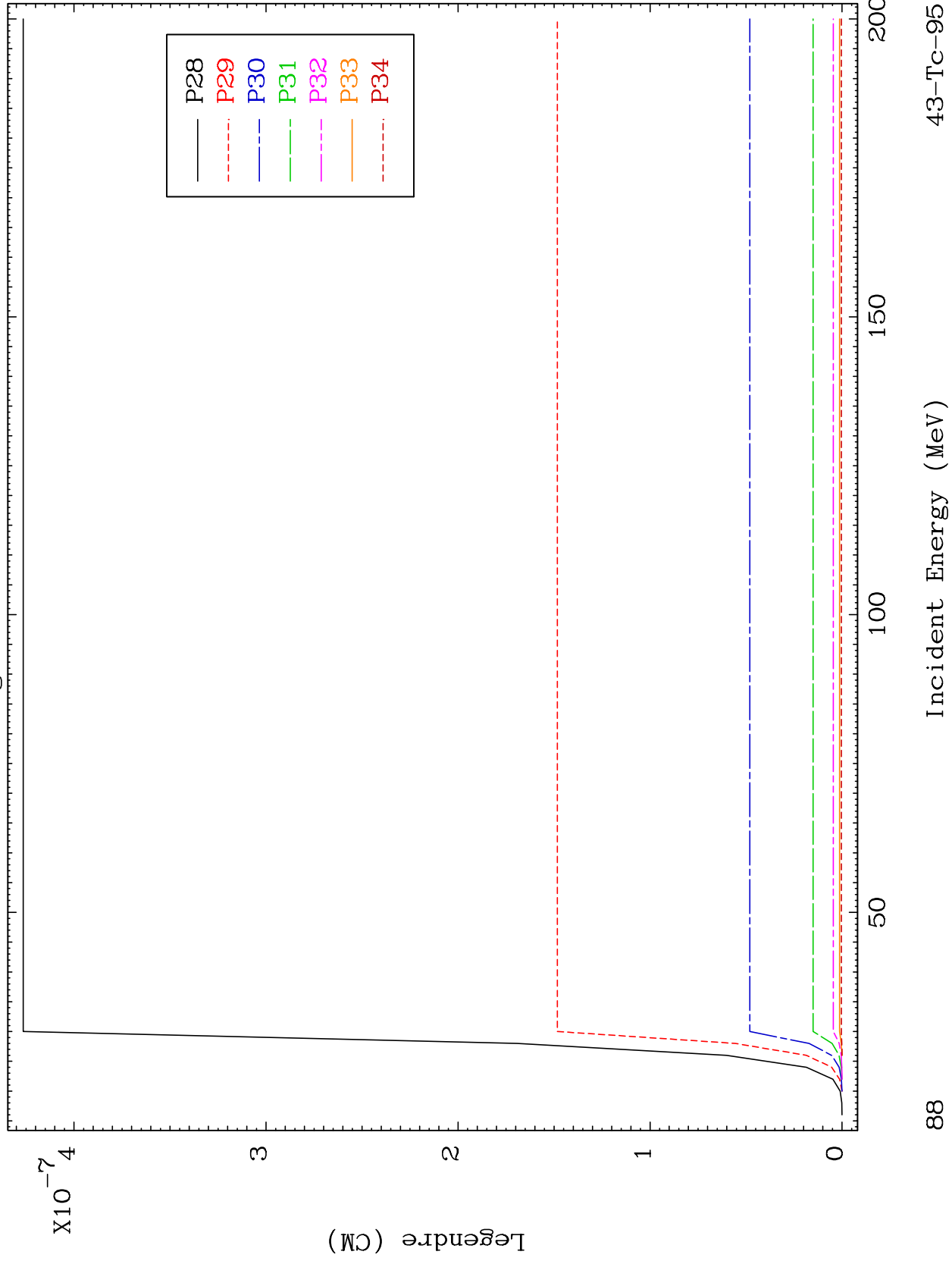
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

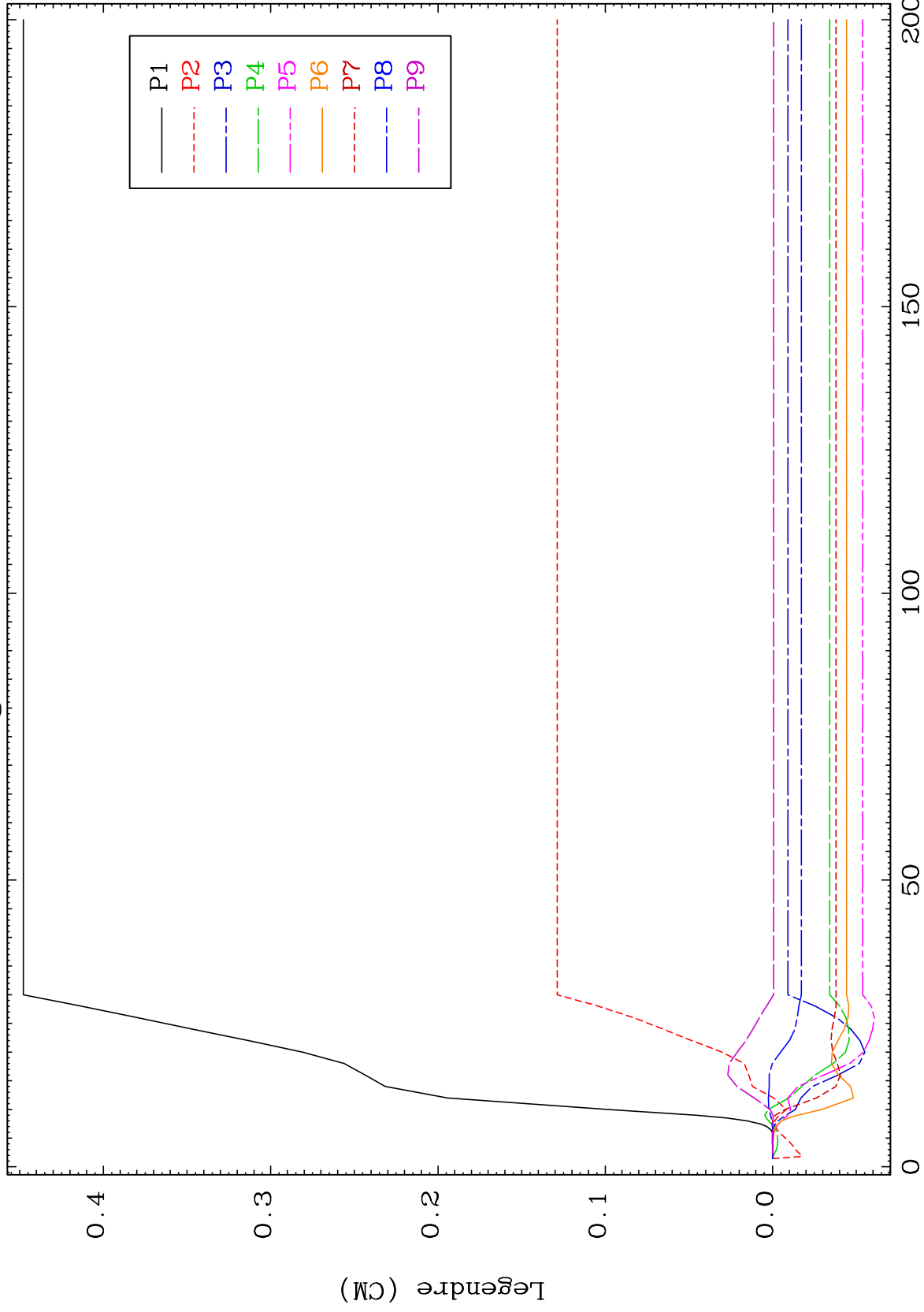
43-Tc-95



MAT 4313

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

43-Tc-95



89

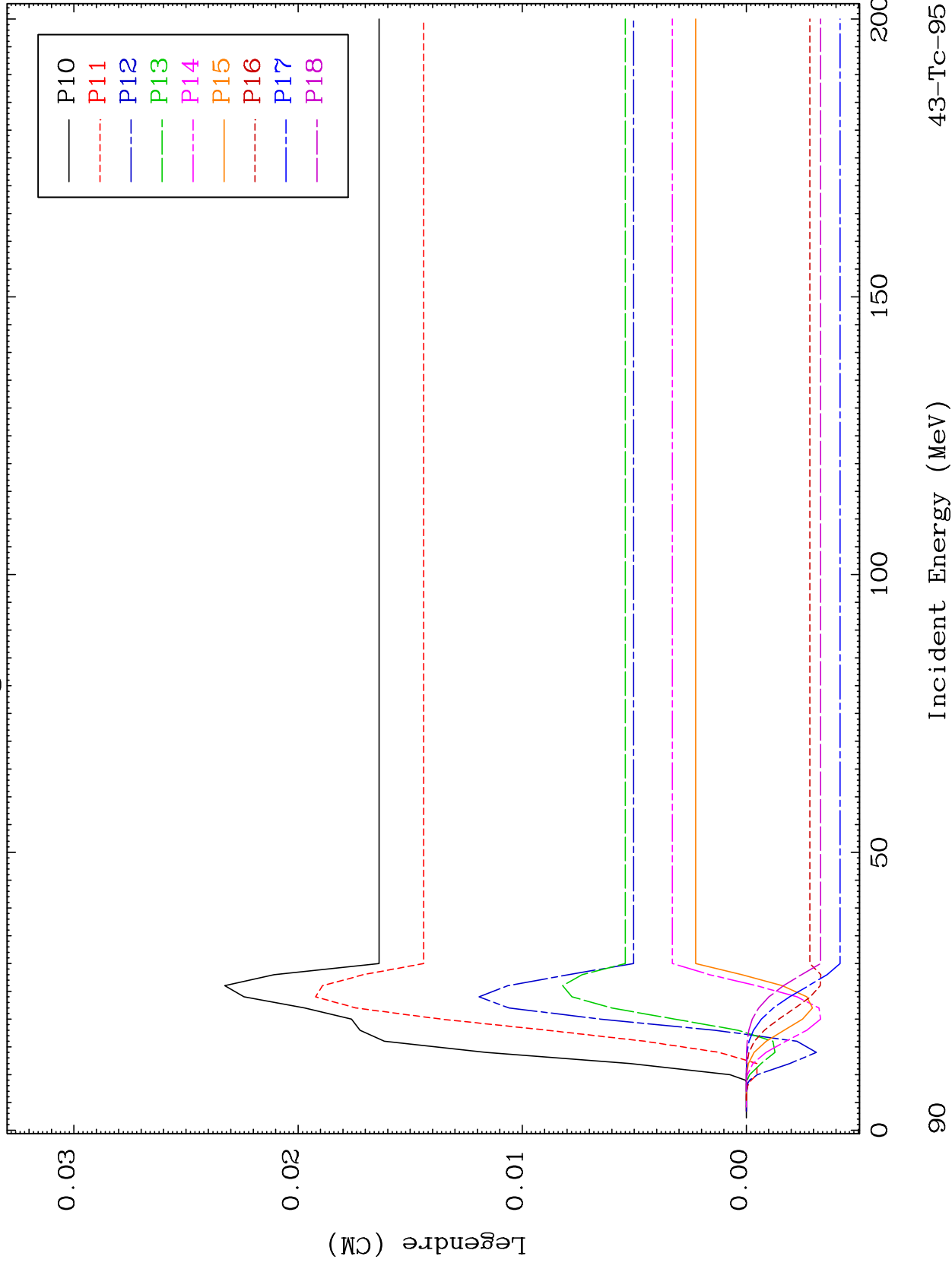
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

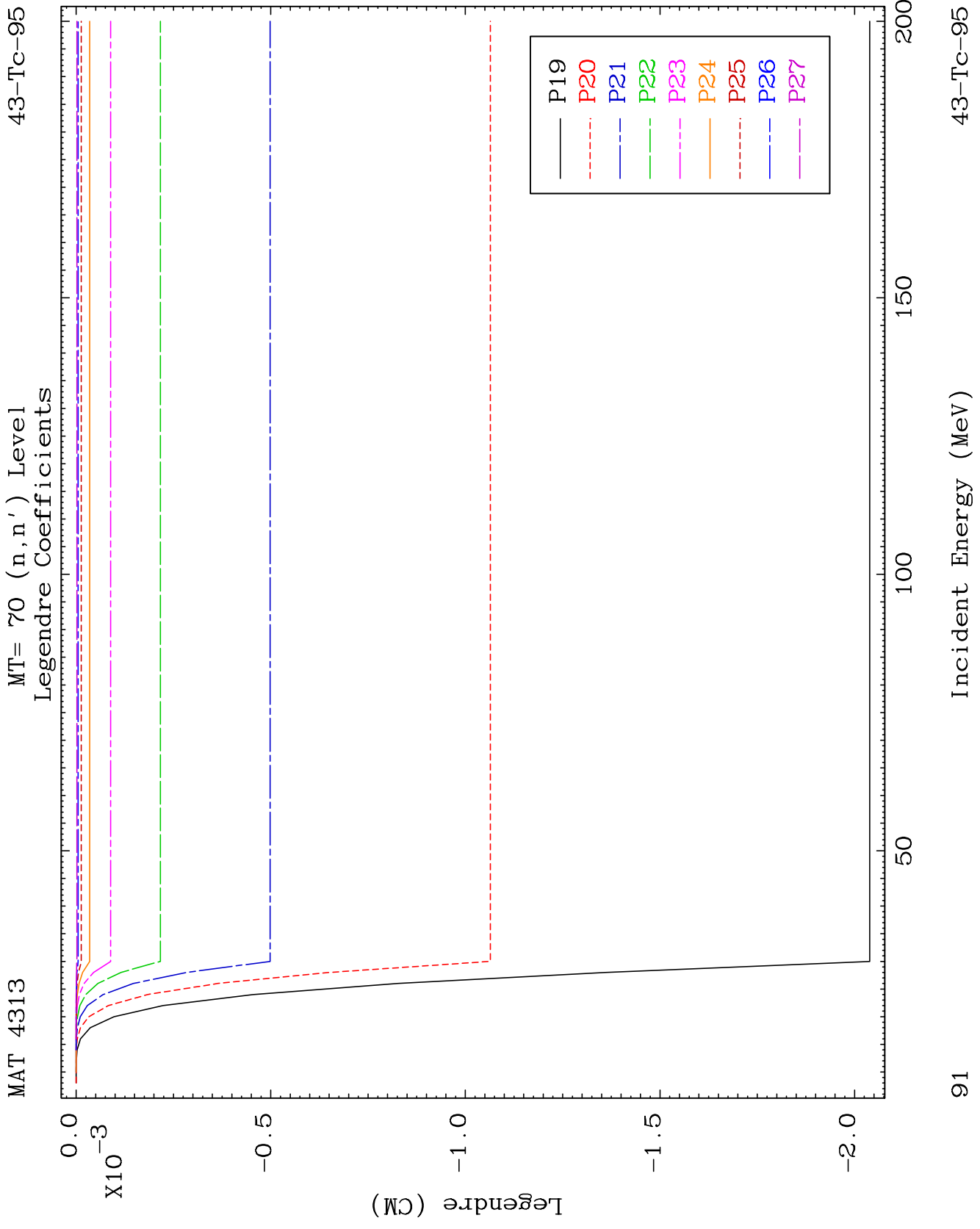
43-Tc-95

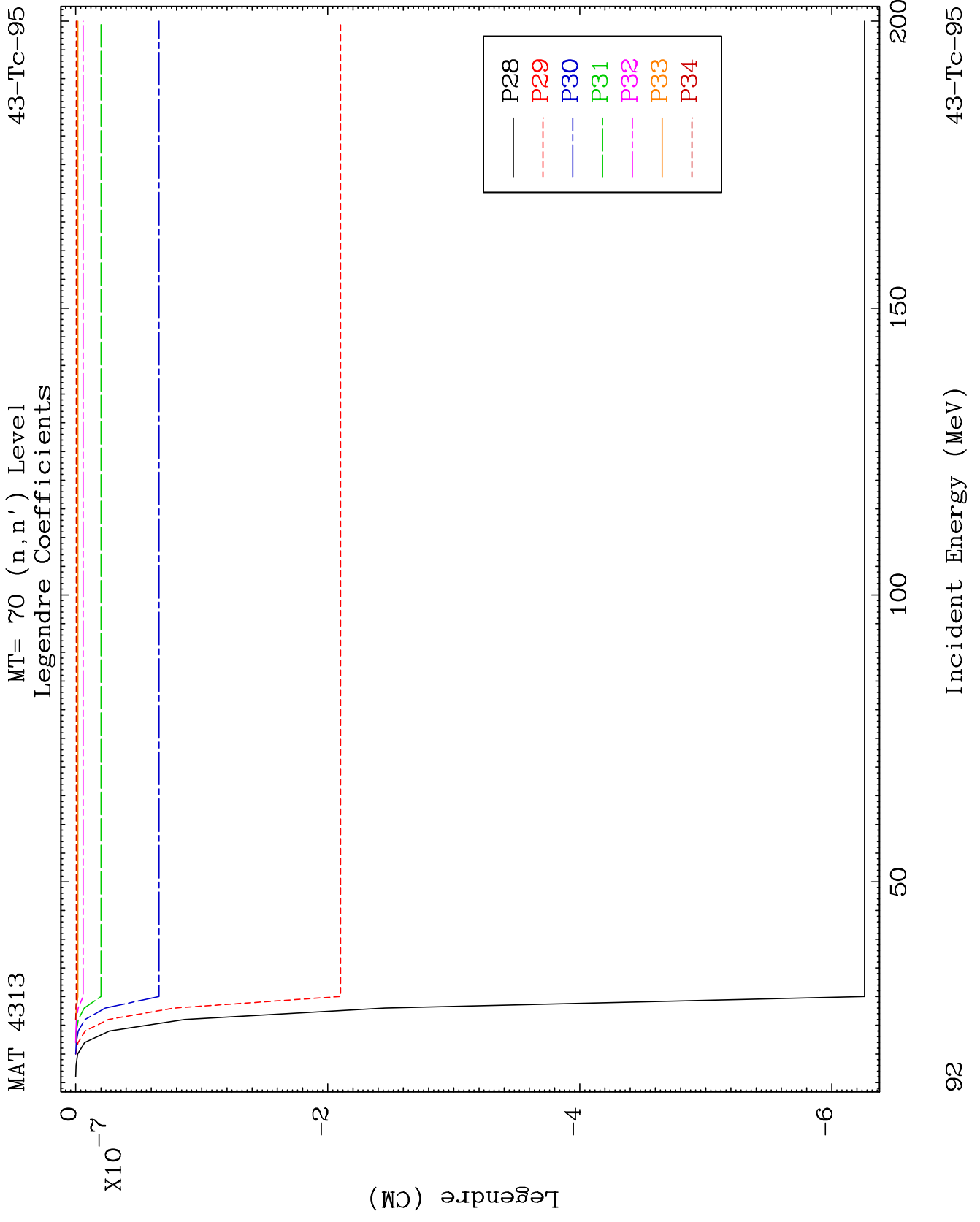


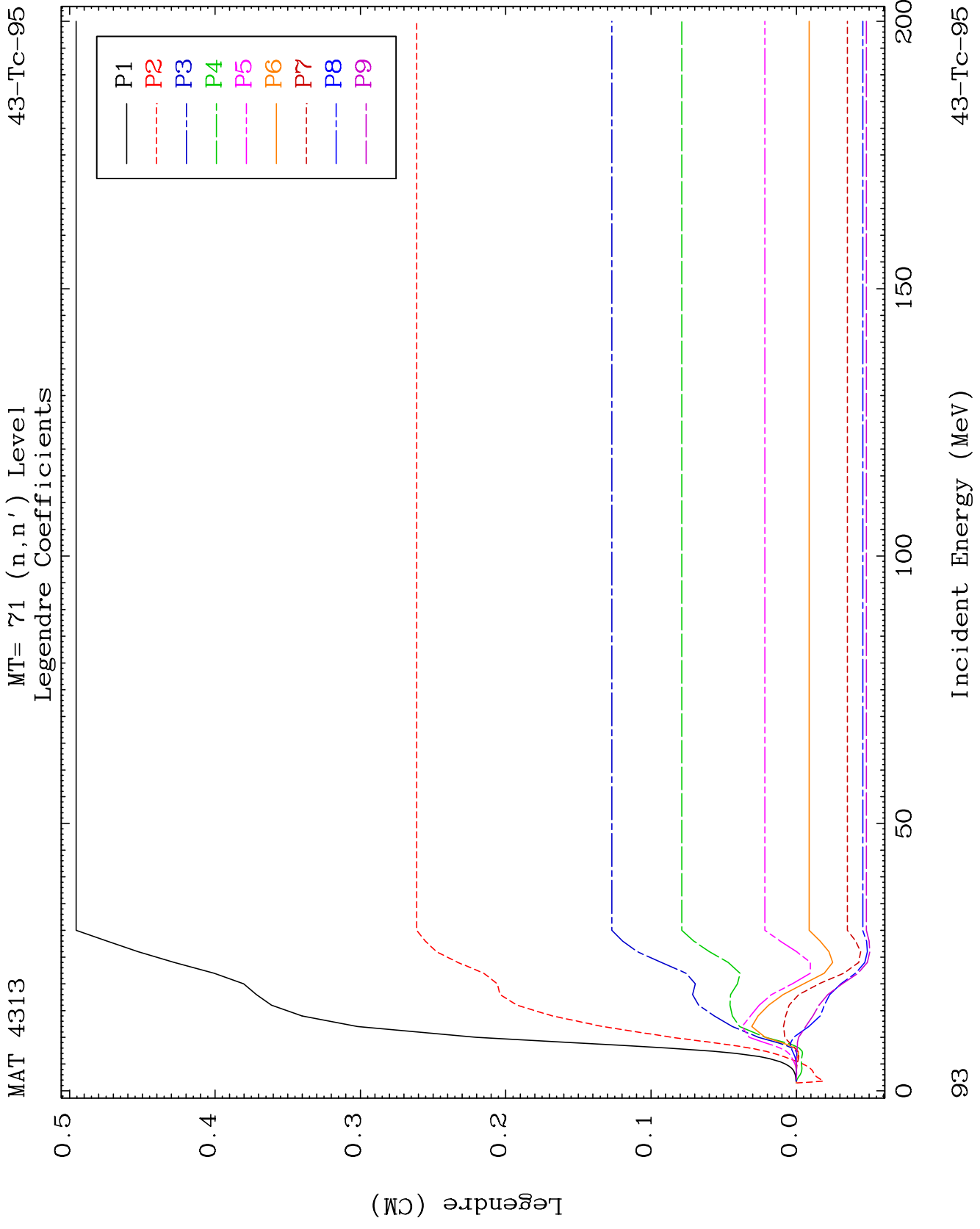
43-Tc-95

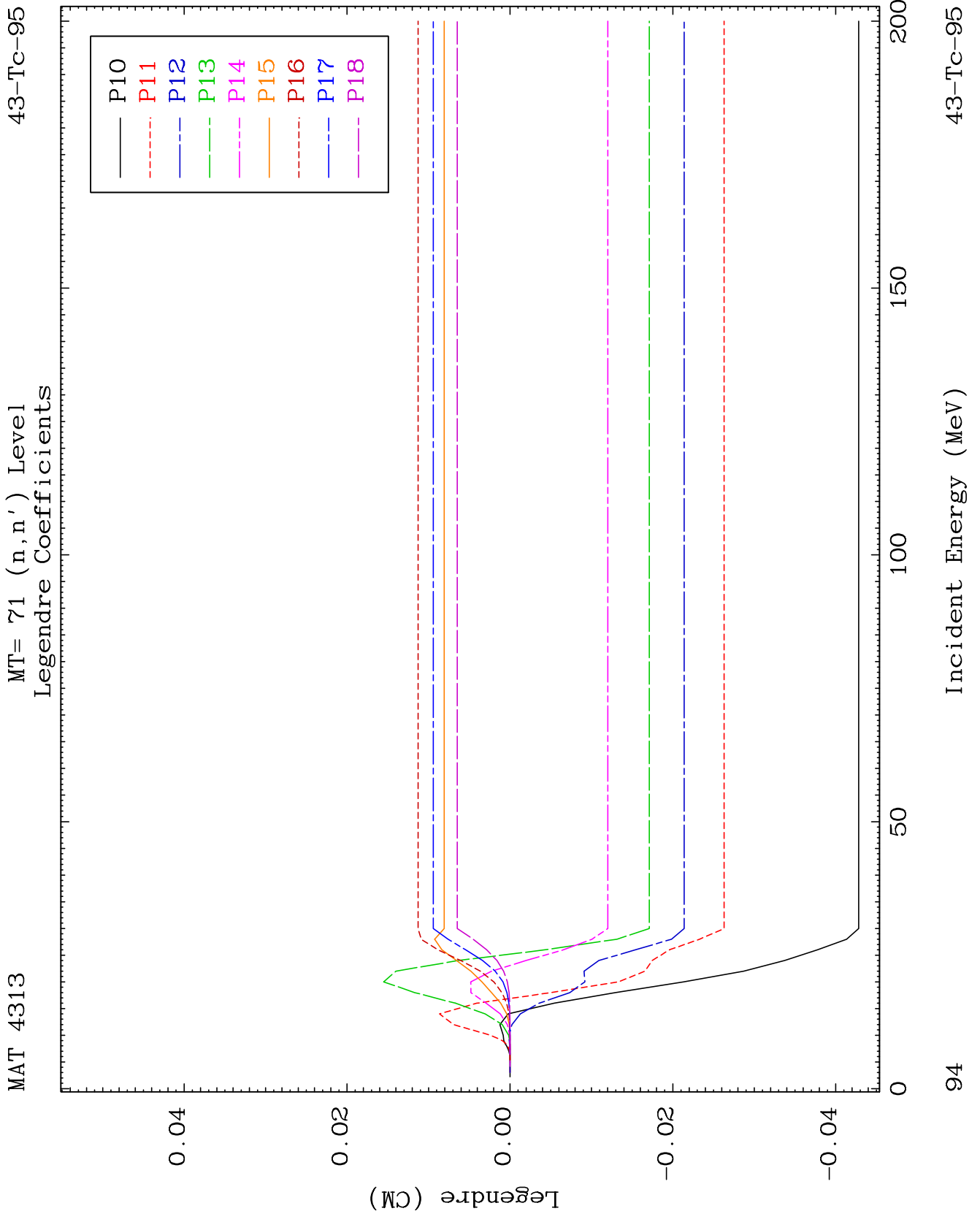
Incident Energy (MeV)

90





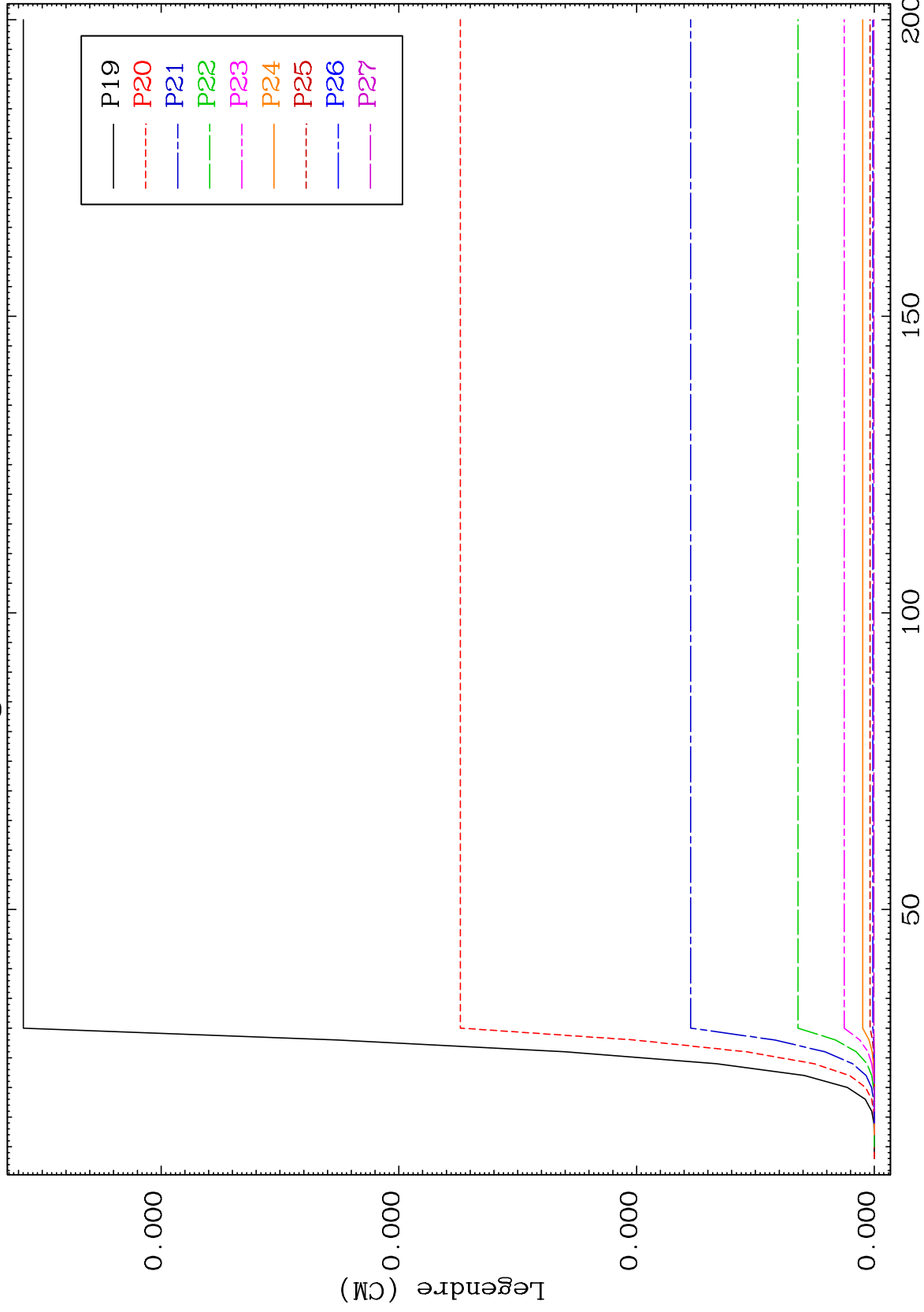




MAT 4313

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

43-Tc-95



95

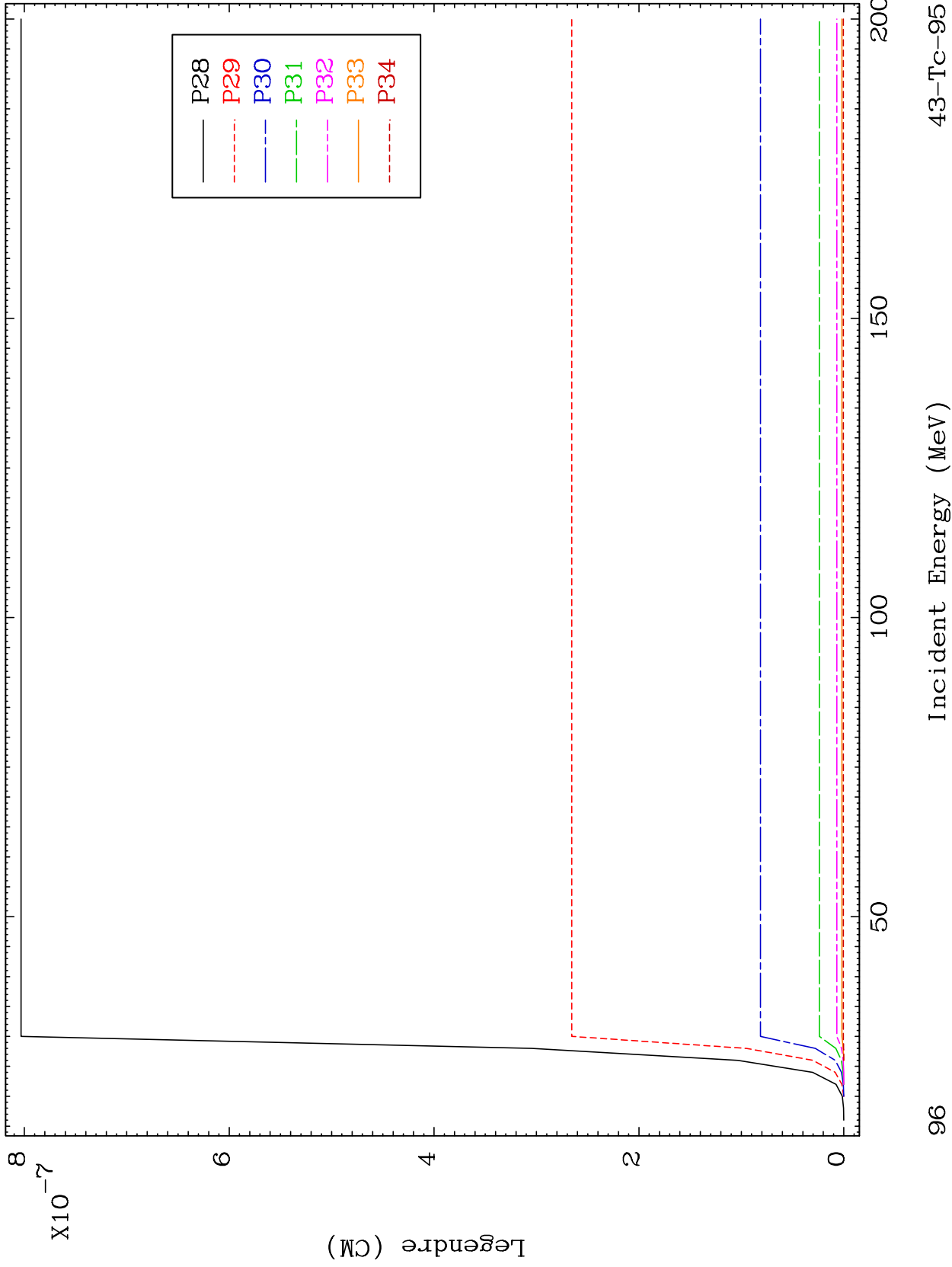
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

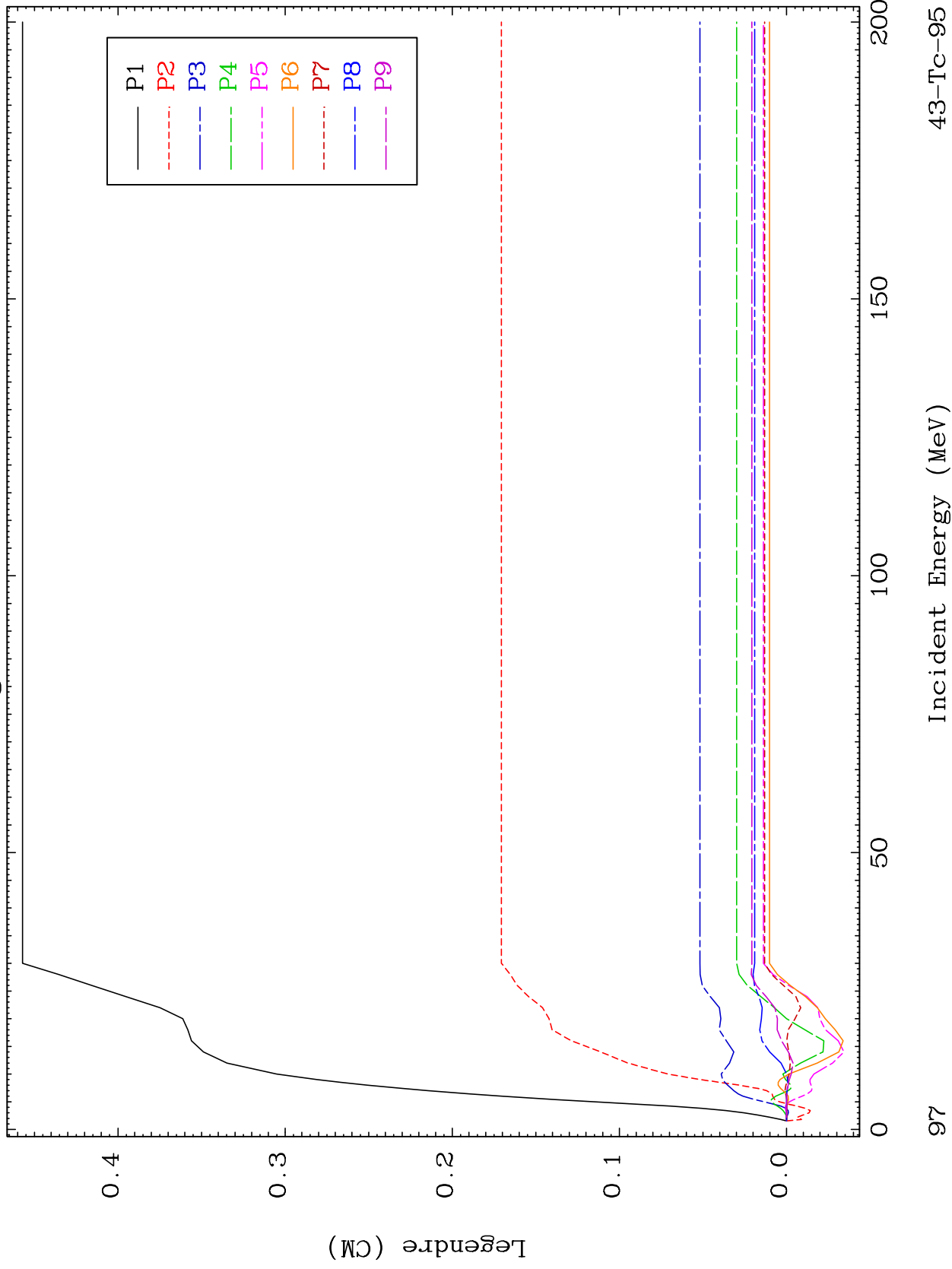
43-Tc-95



MAT 4313

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

43-Tc-95



97

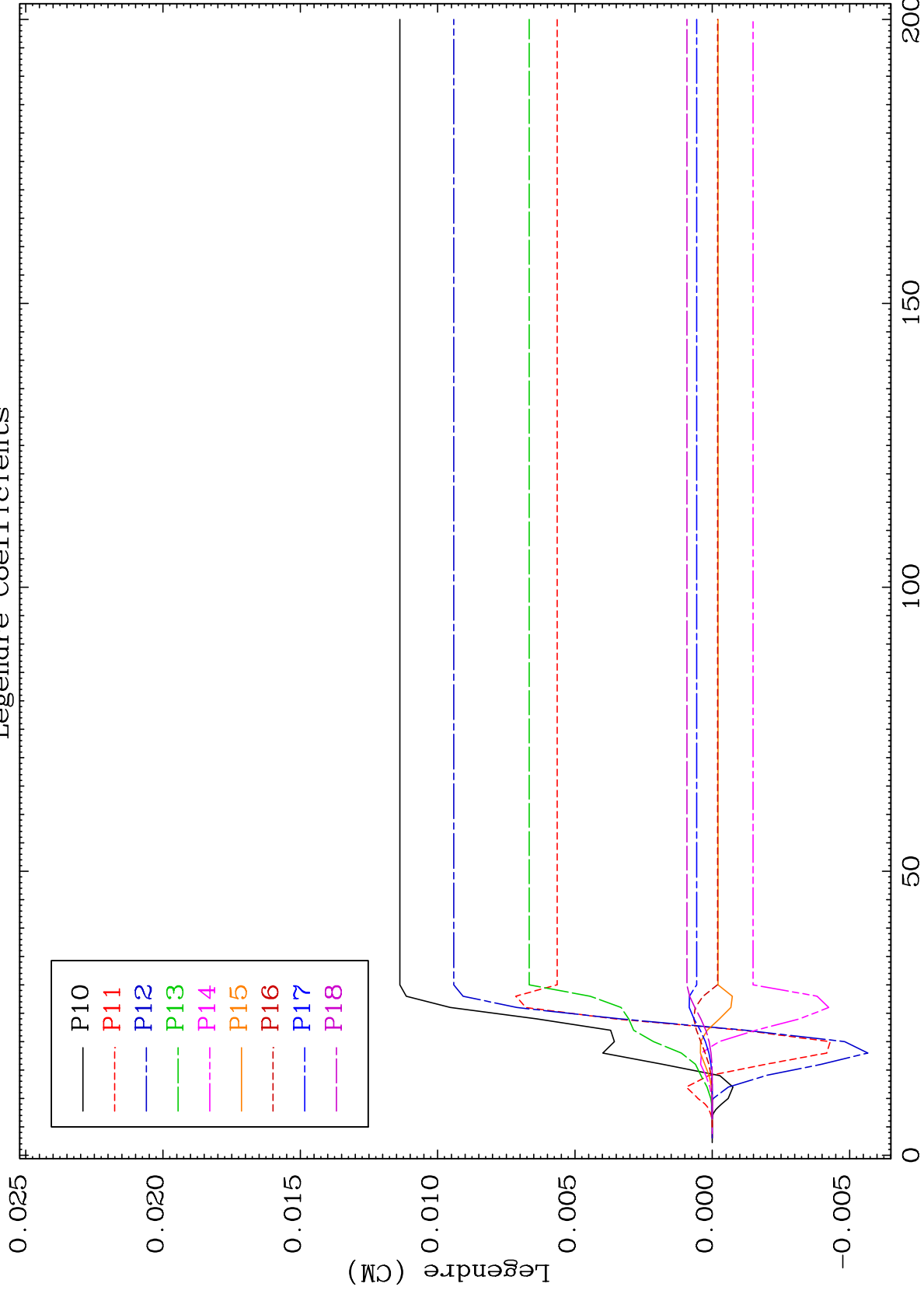
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



98

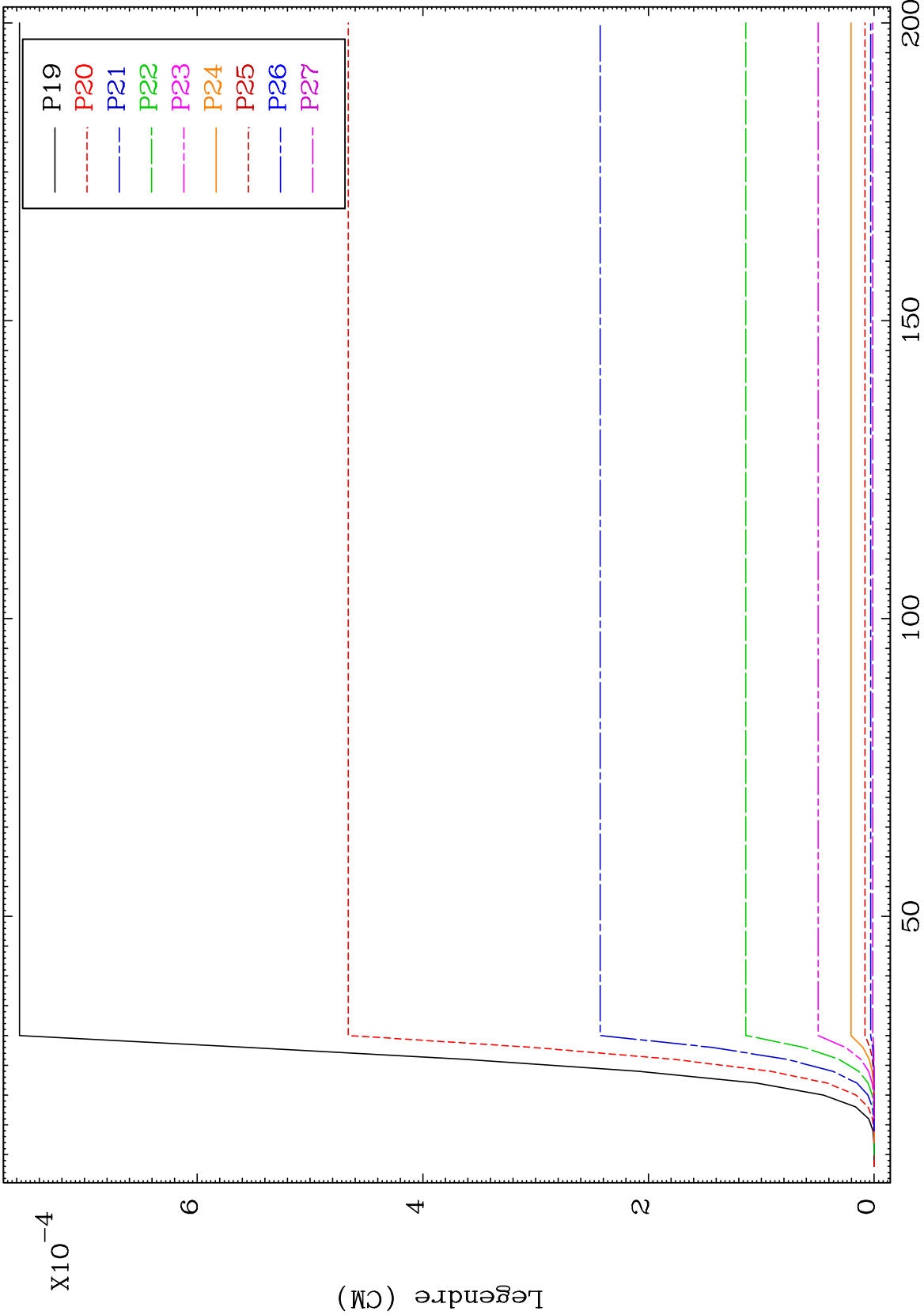
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



99

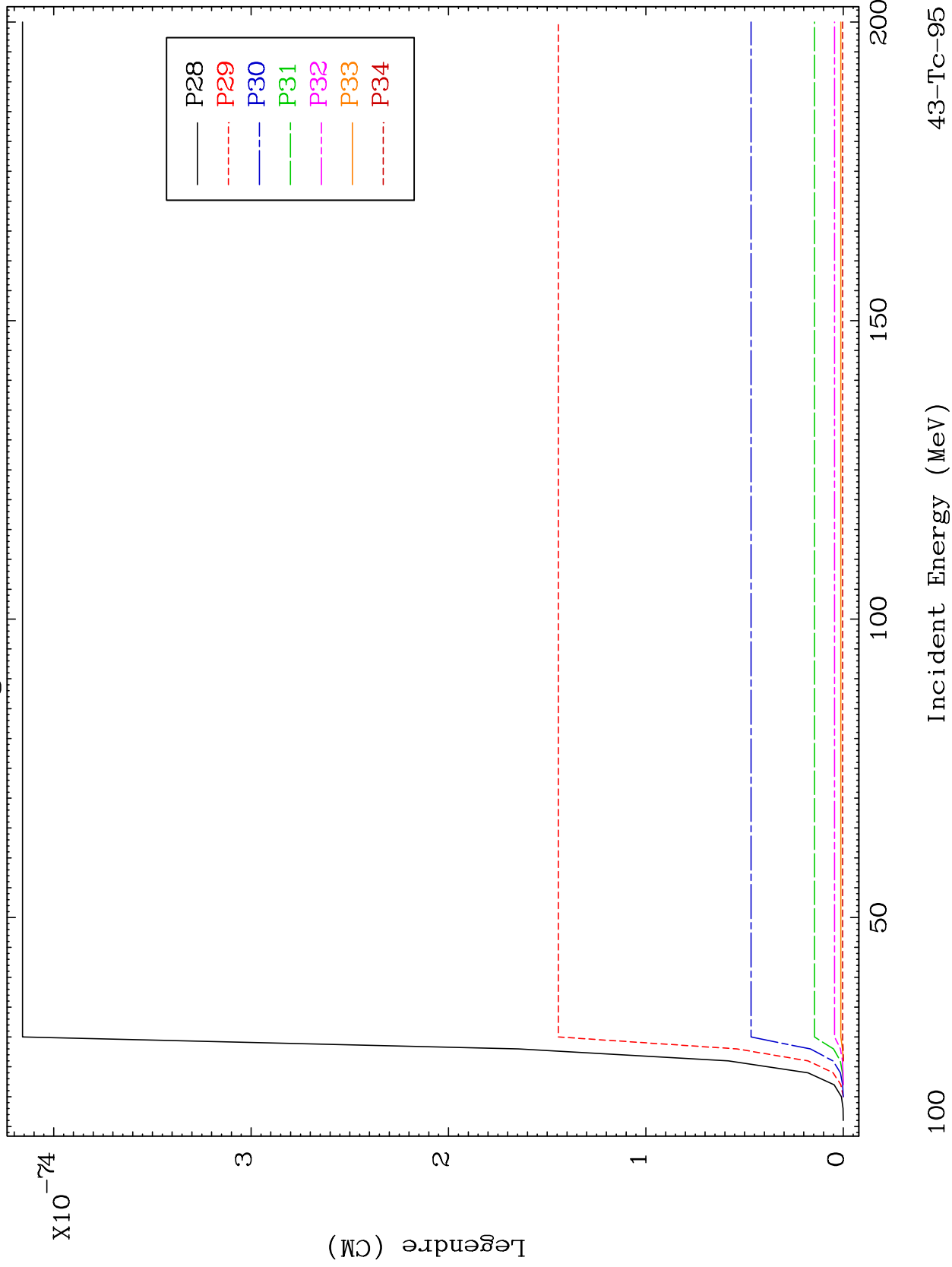
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

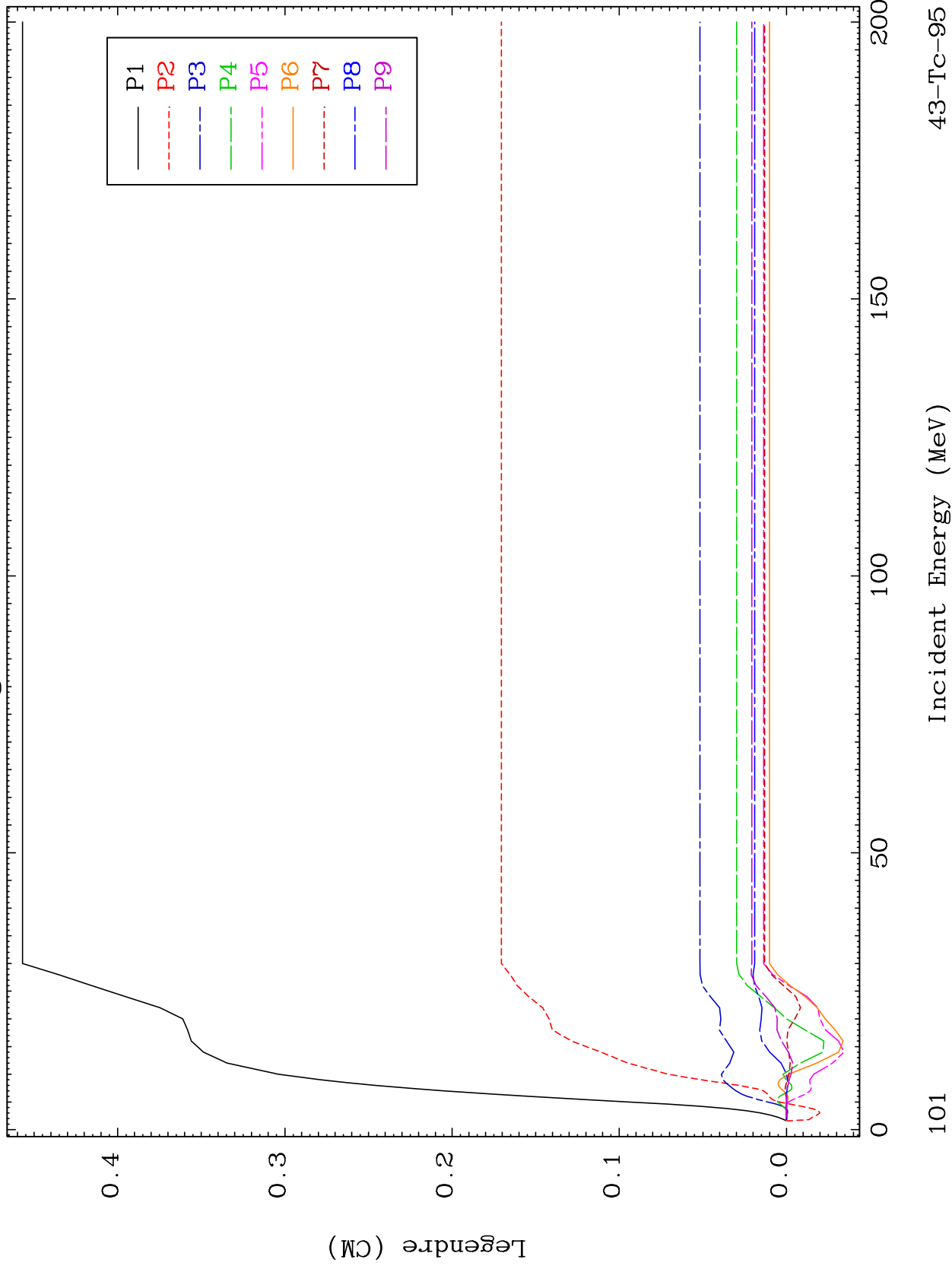
43-Tc-95



MAT 4313

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

43-Tc-95



101

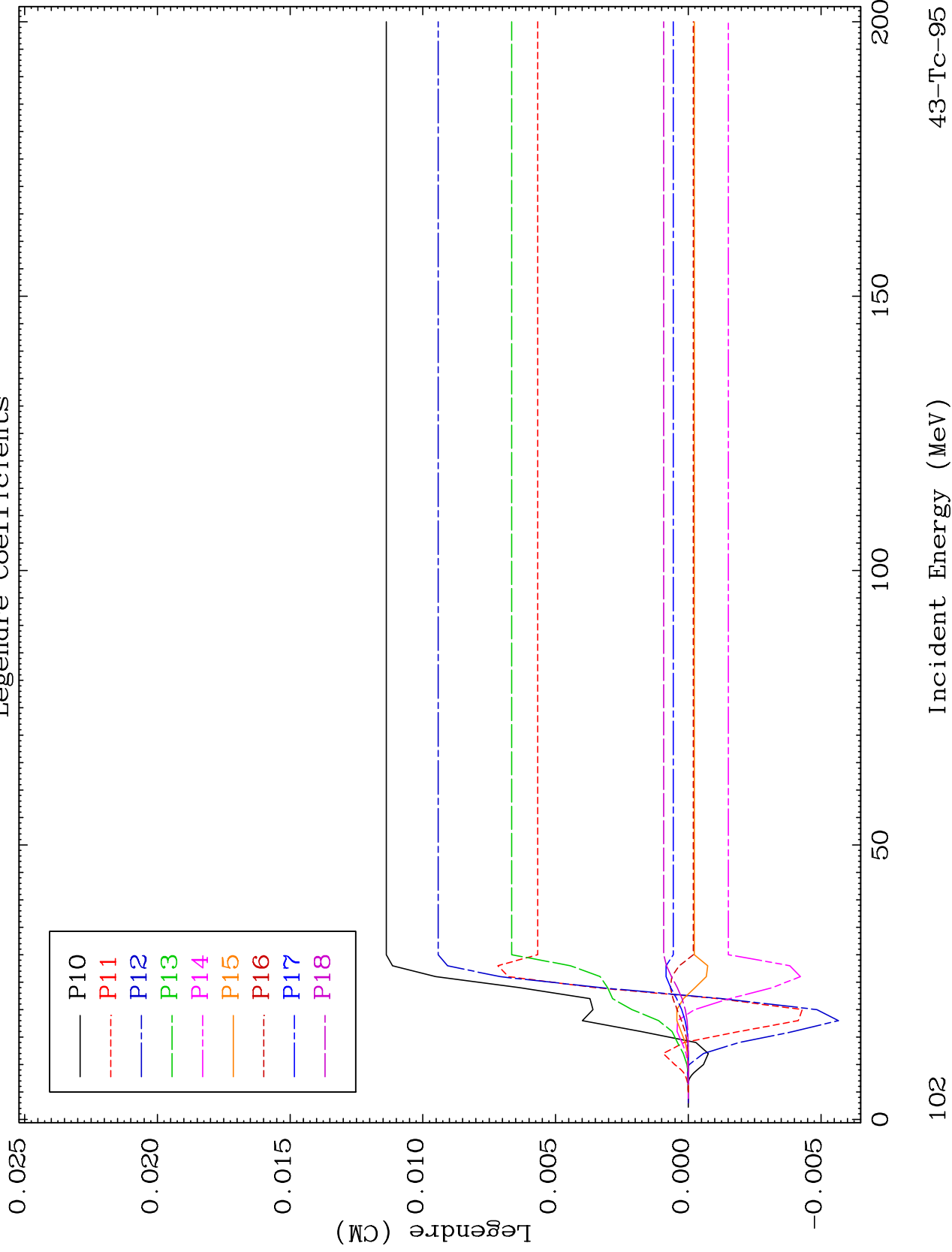
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



102

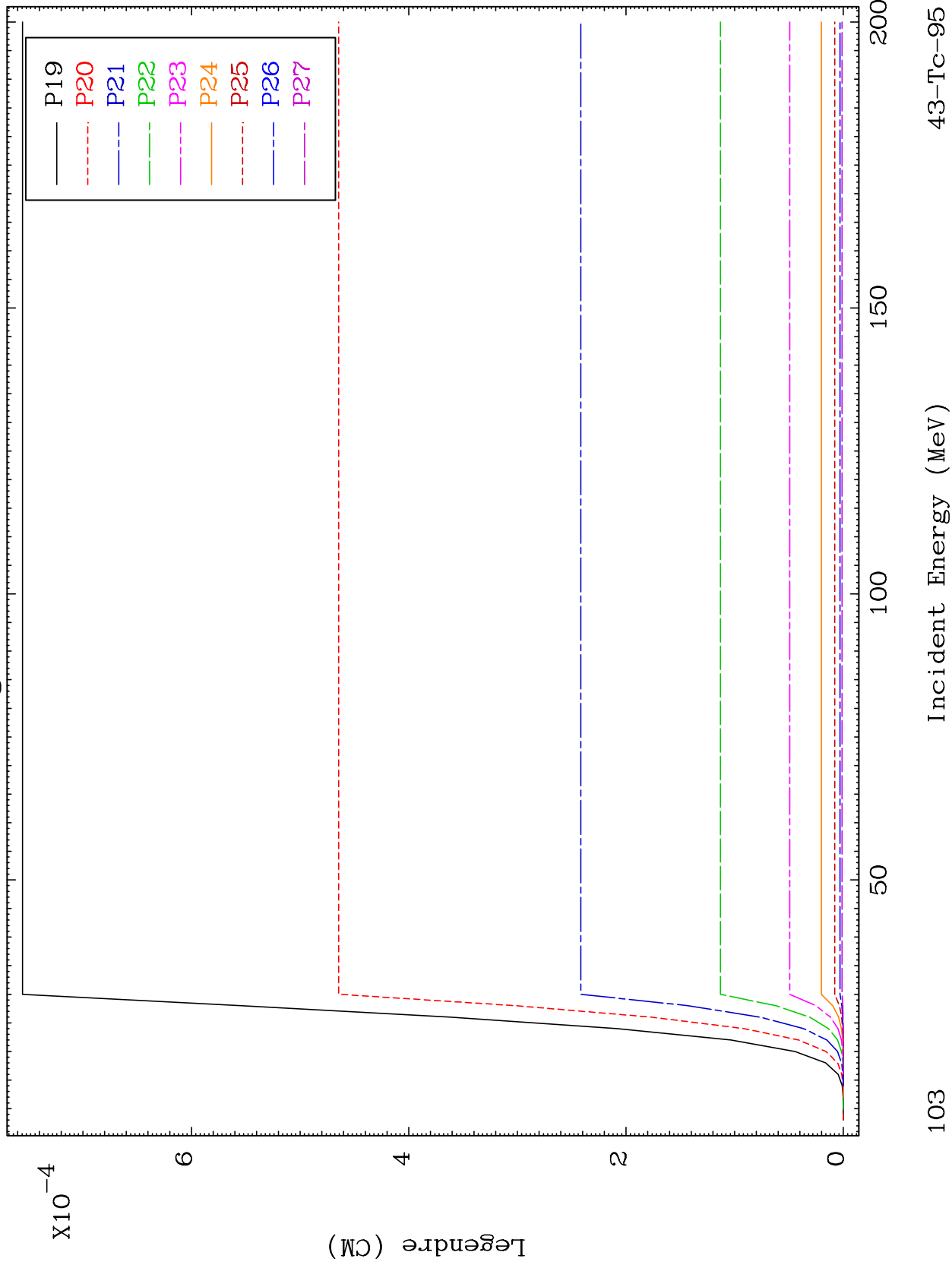
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

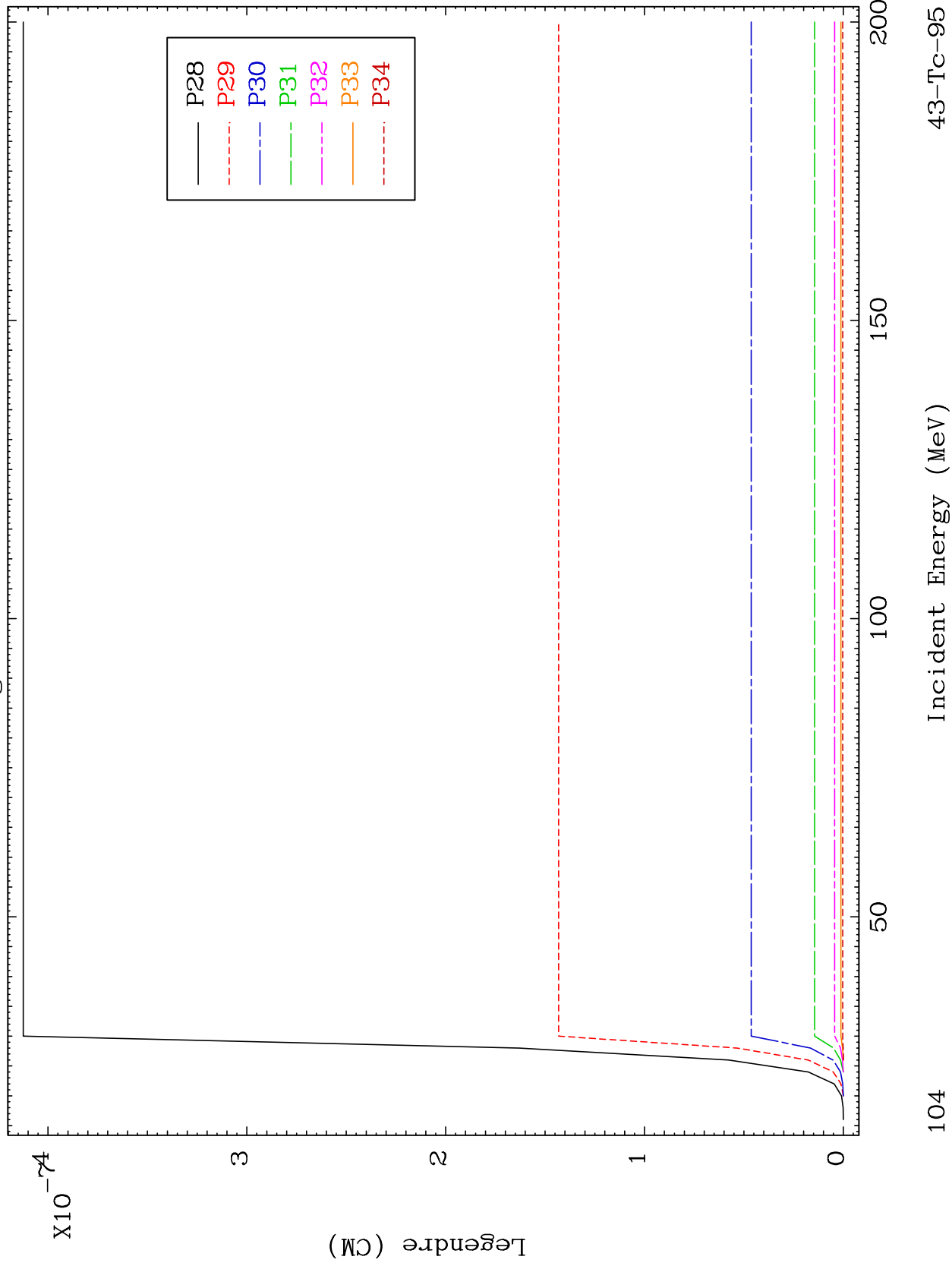
43-Tc-95



MAT 4313

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

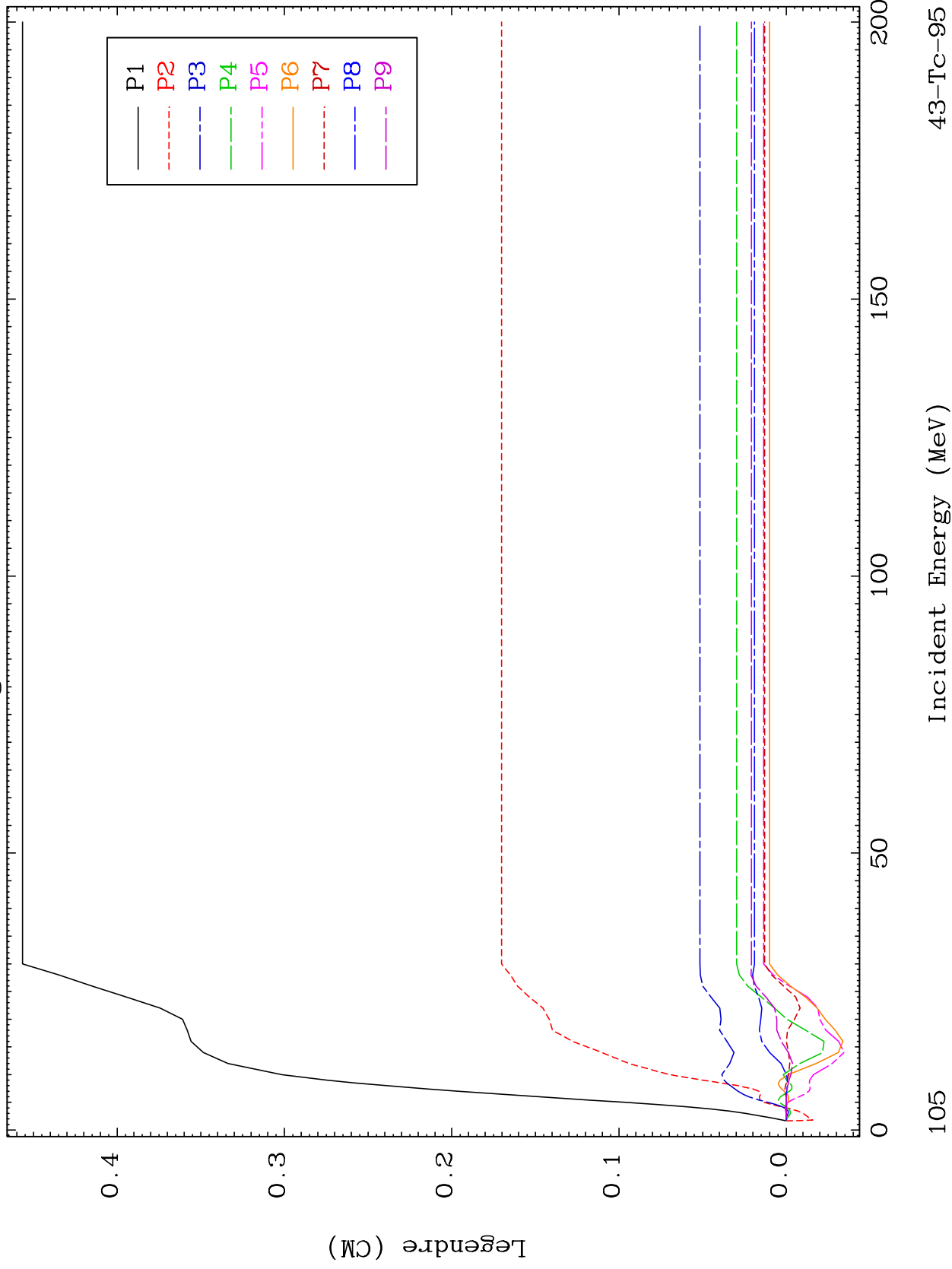
43-Tc-95



MAT 4313

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

43-Tc-95

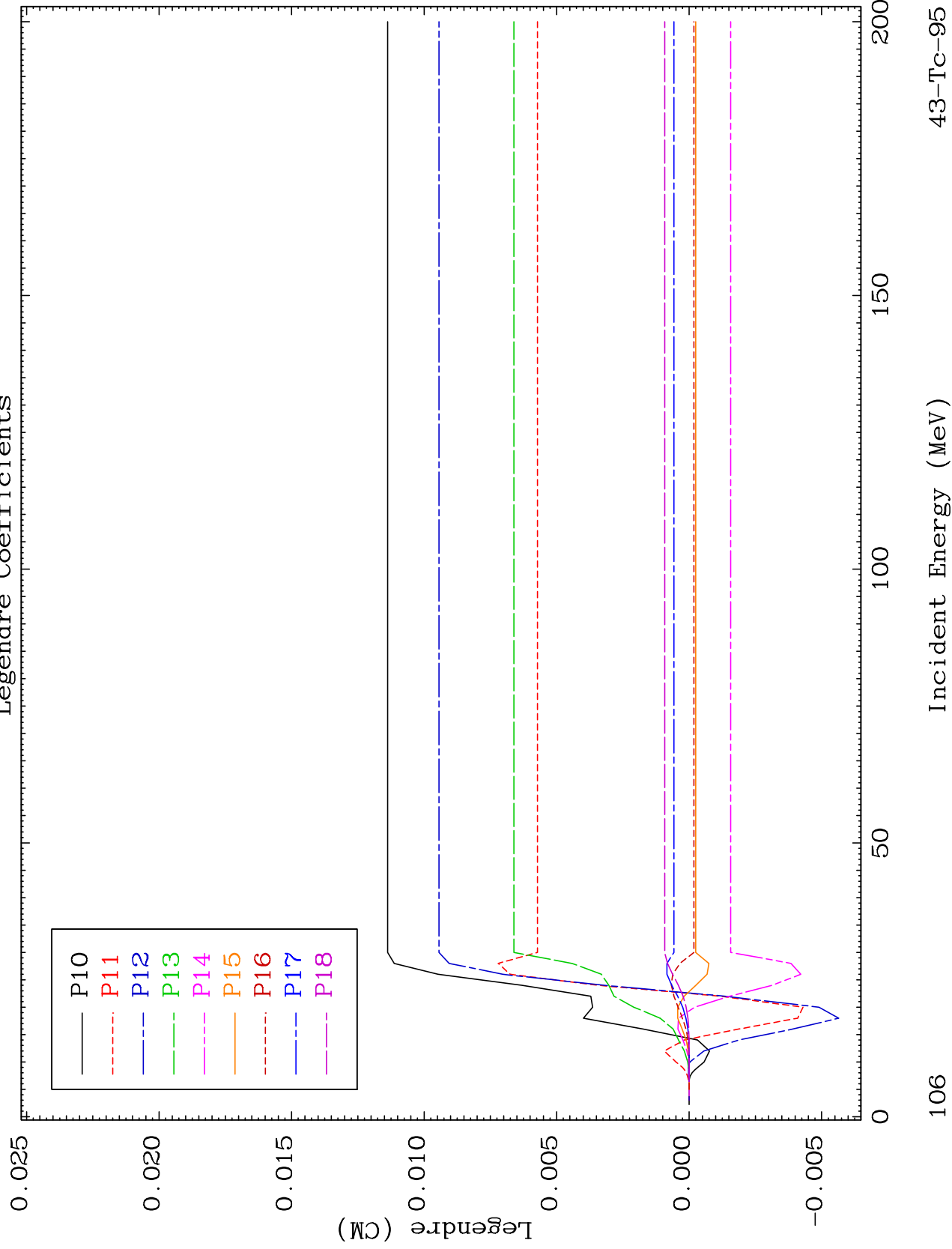


43-Tc-95

MAT 4313

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

43-Tc-95



106

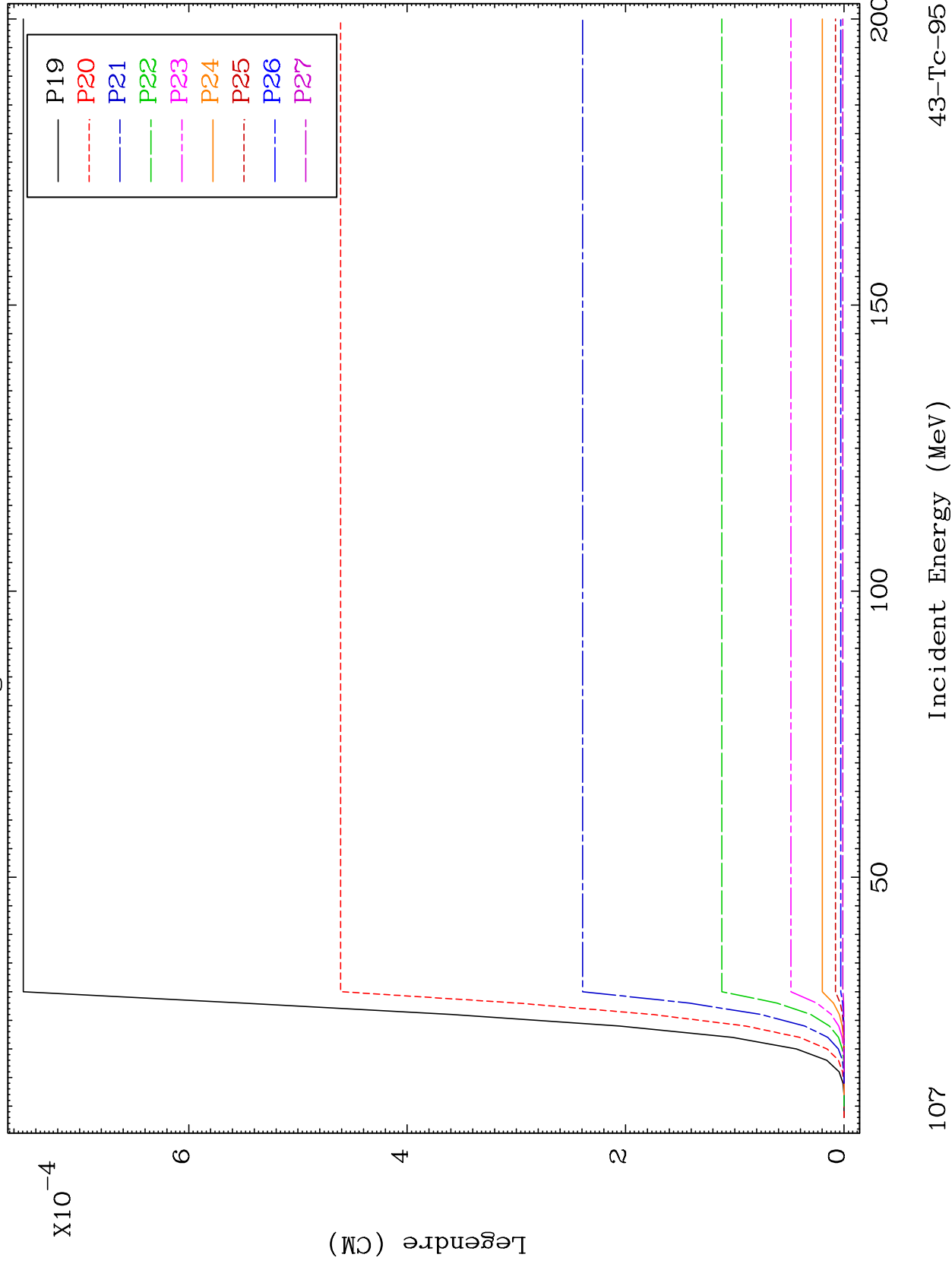
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



107

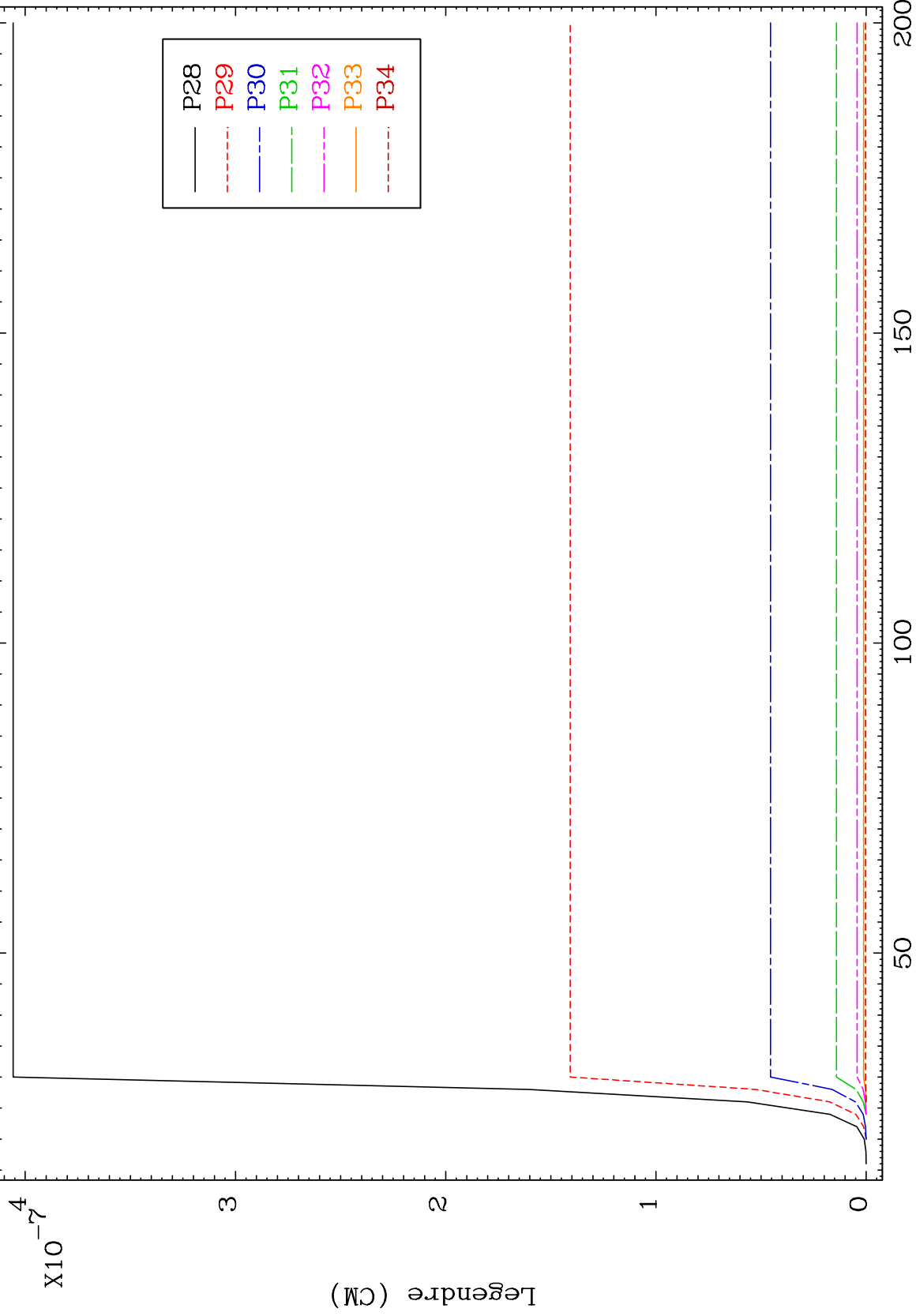
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



108

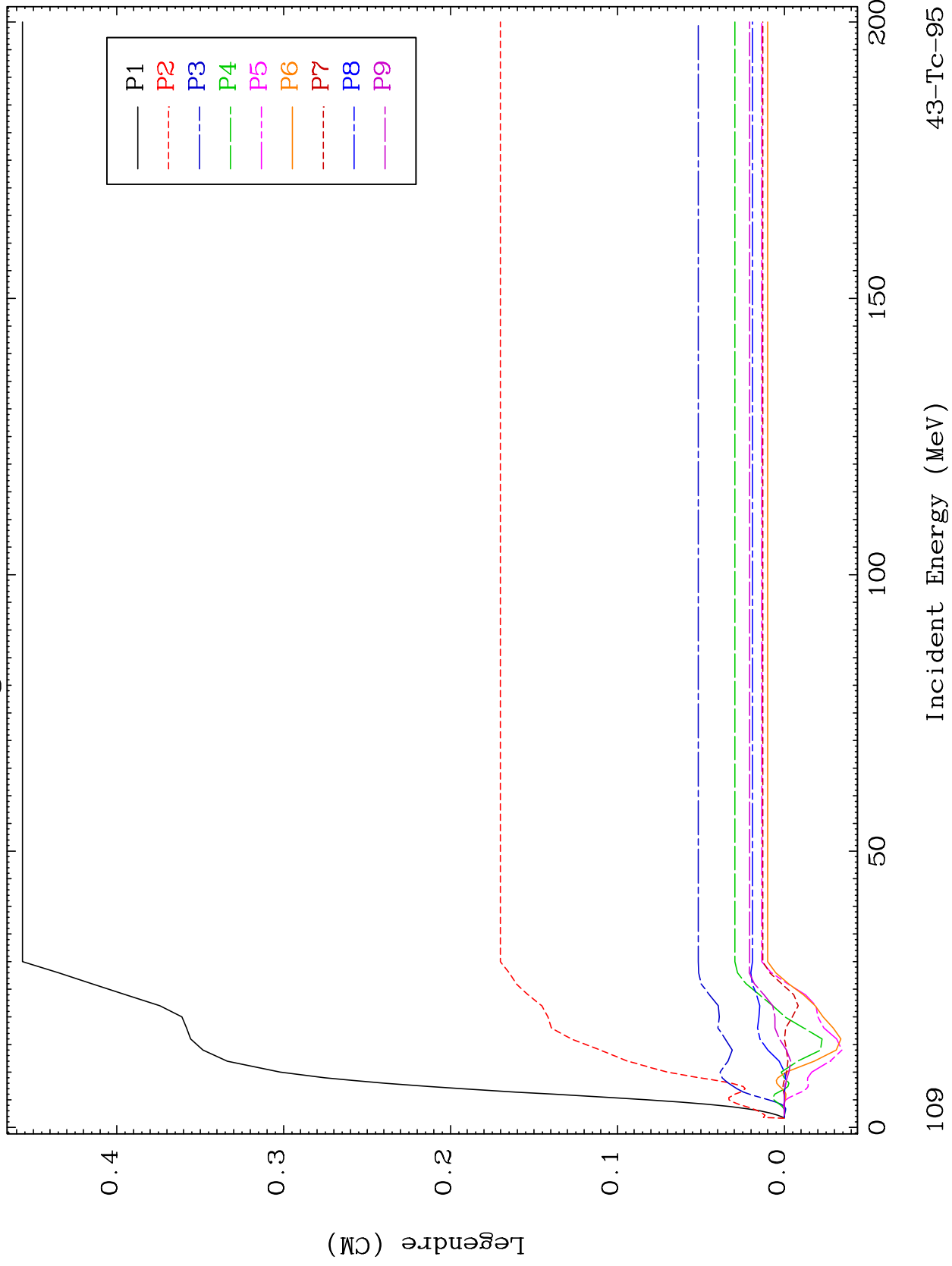
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



43-Tc-95

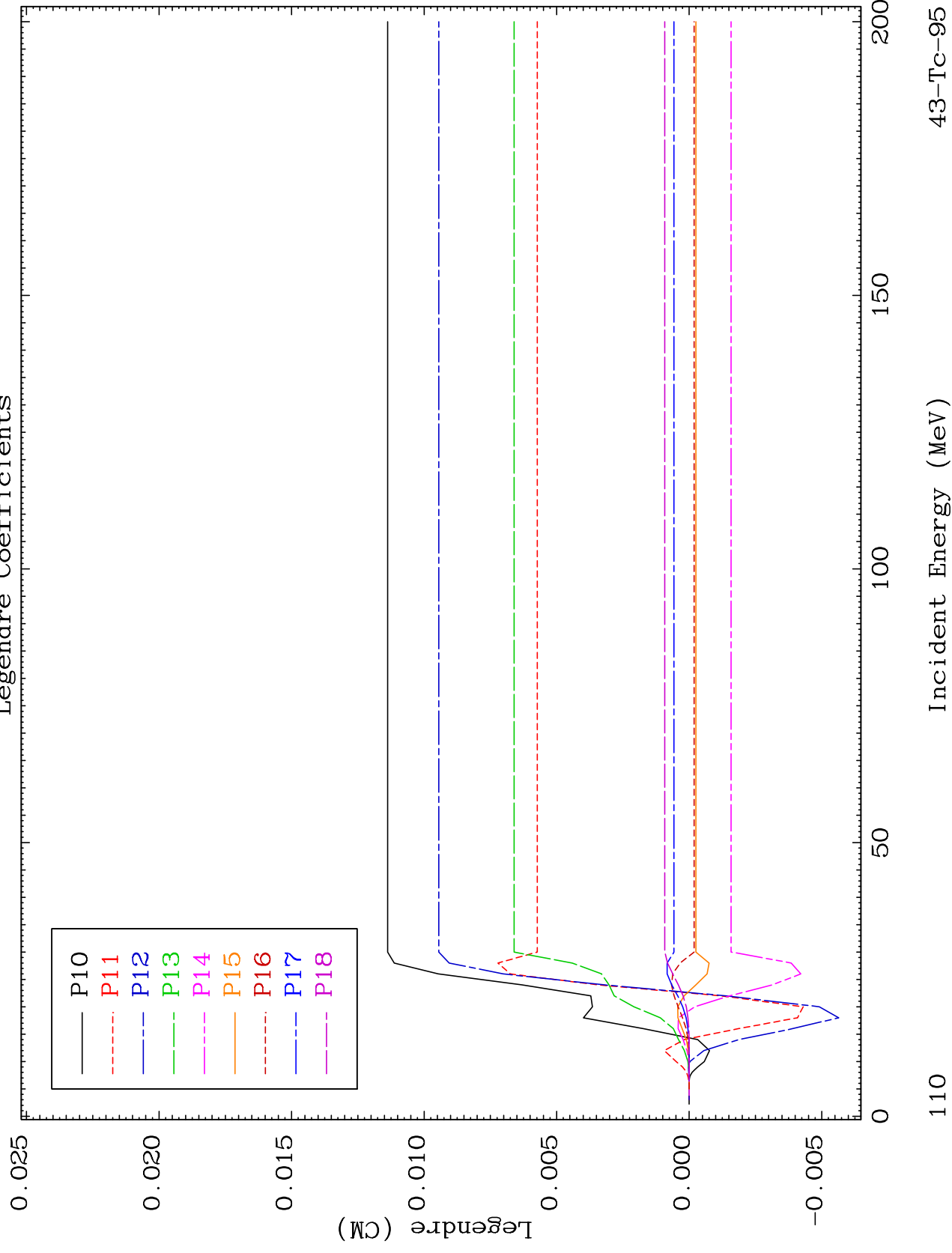
Incident Energy (MeV)

109

MAT 4313

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

43-Tc-95



43-Tc-95

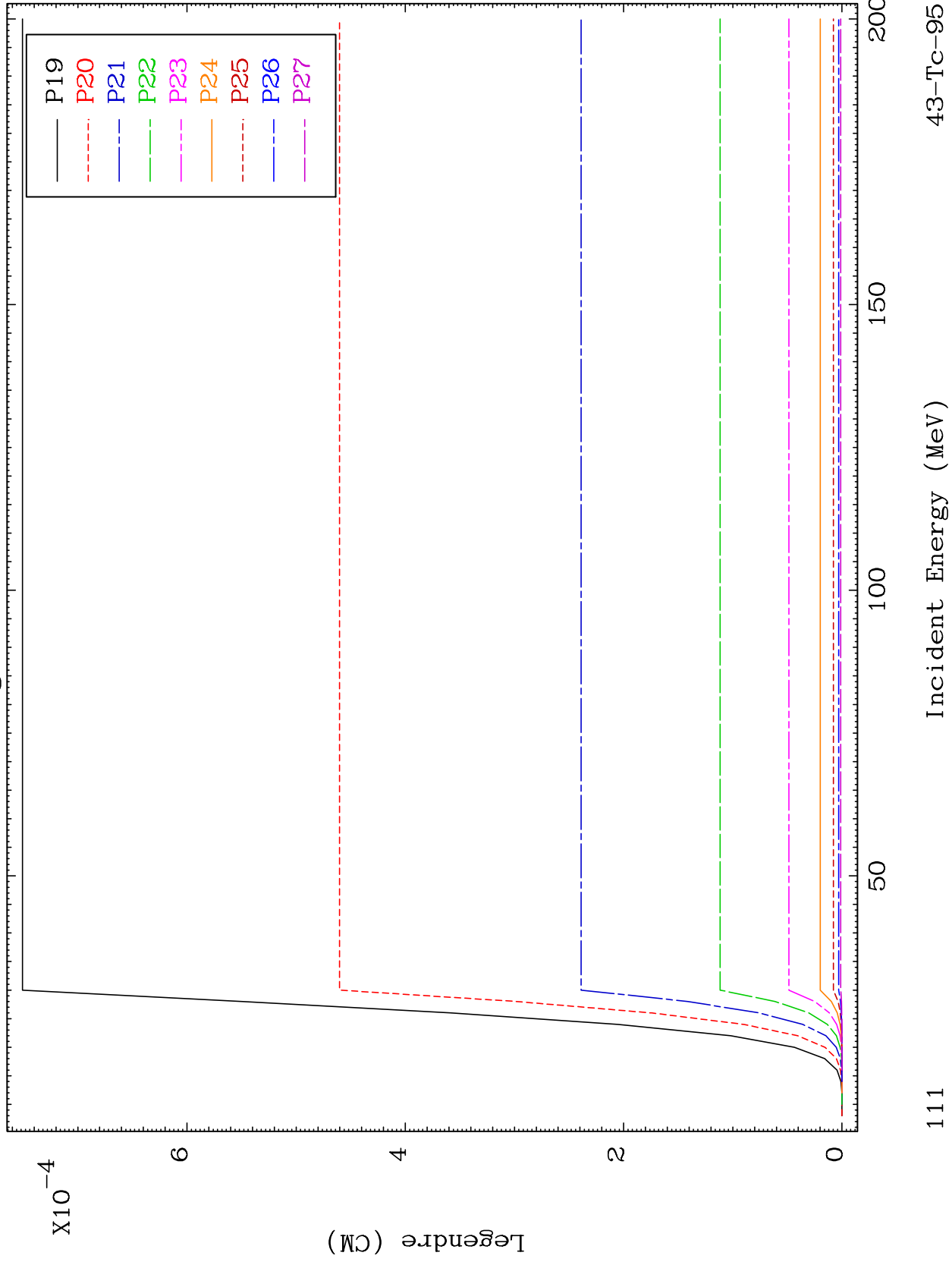
Incident Energy (MeV)

110

MAT 4313

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

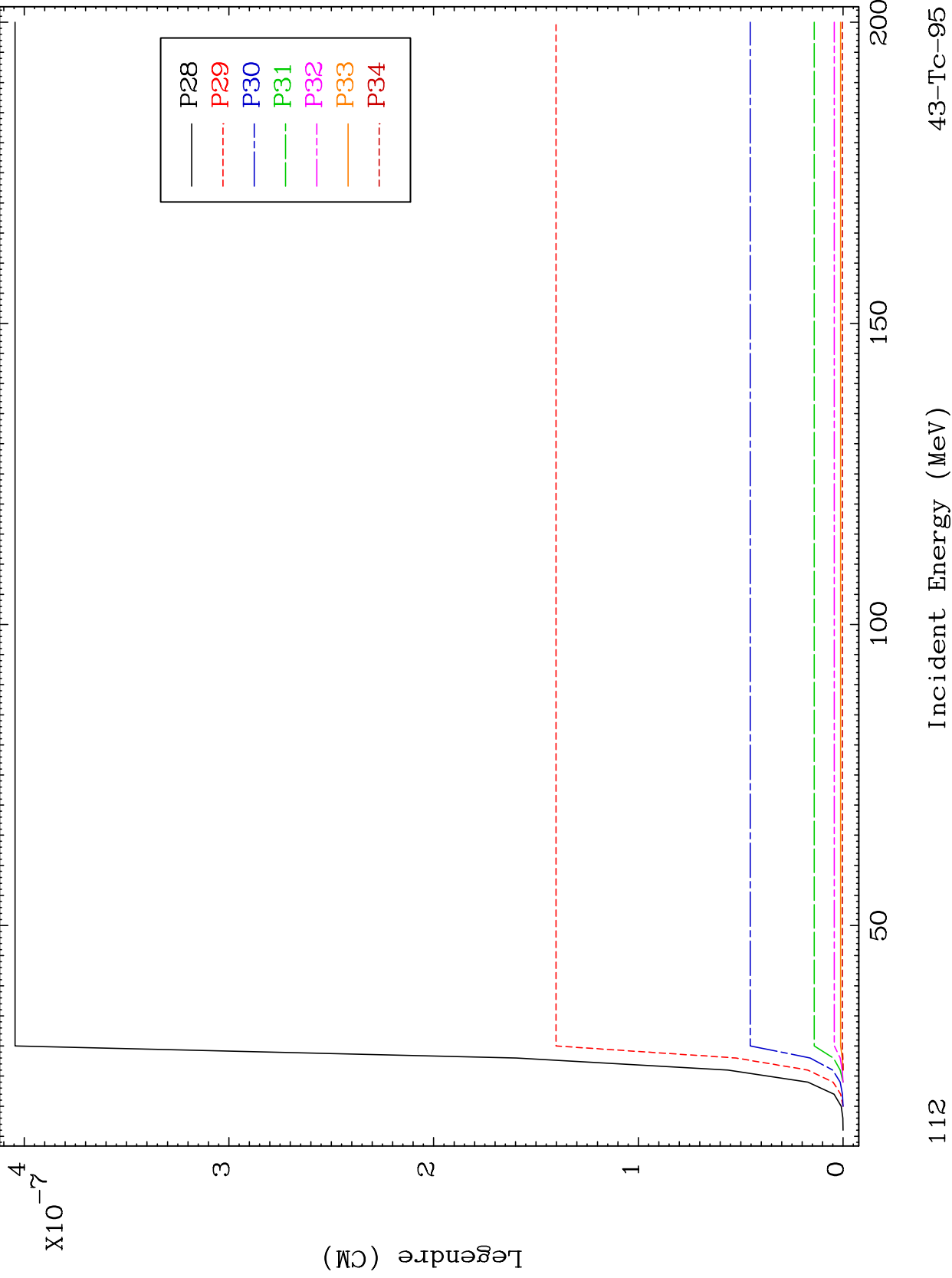
43-Tc-95



MAT 4313

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

43-Tc-95

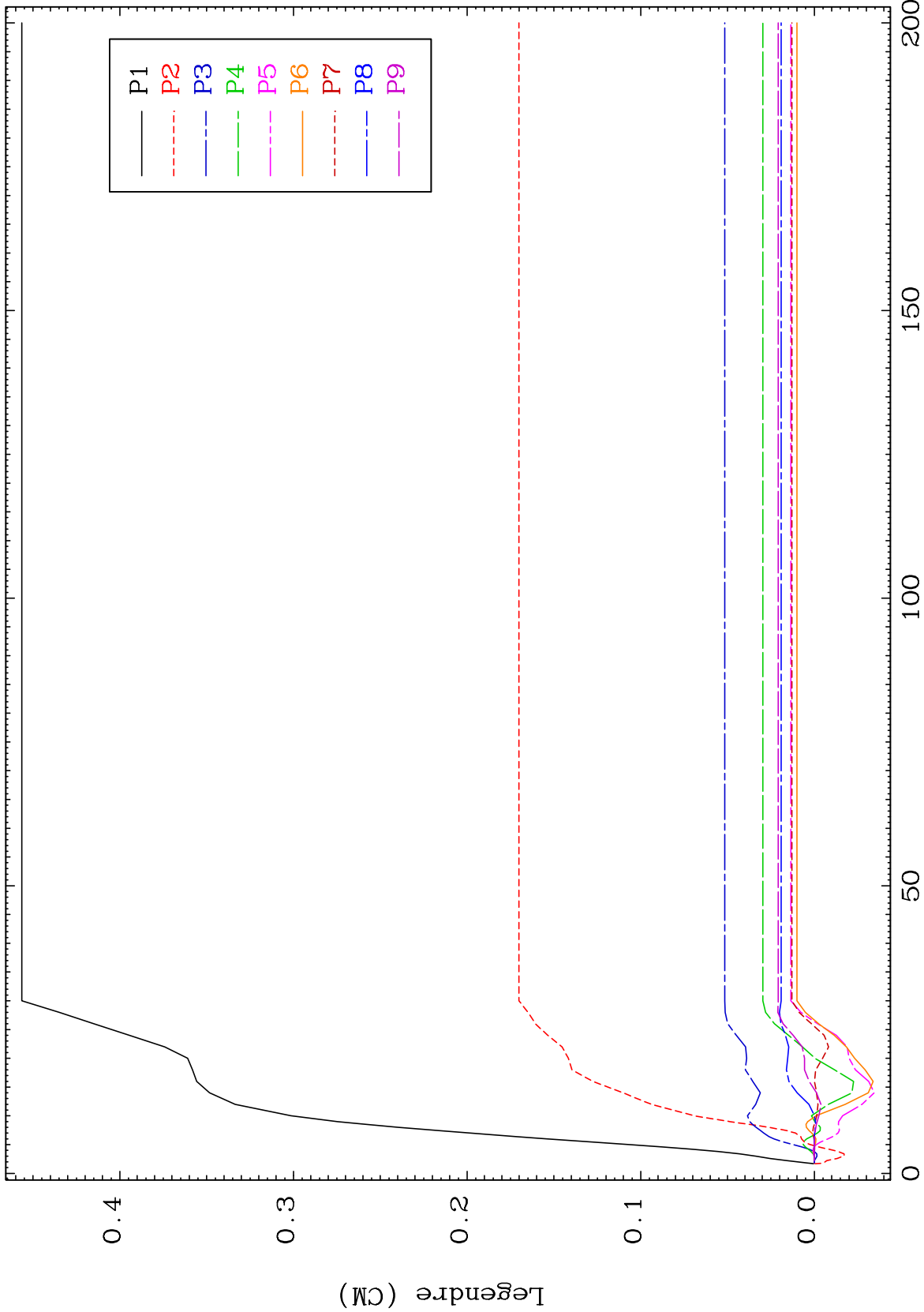


MAT 4313

MT= 76 (n,n') Level

43-Tc-95

Legendre Coefficients



113

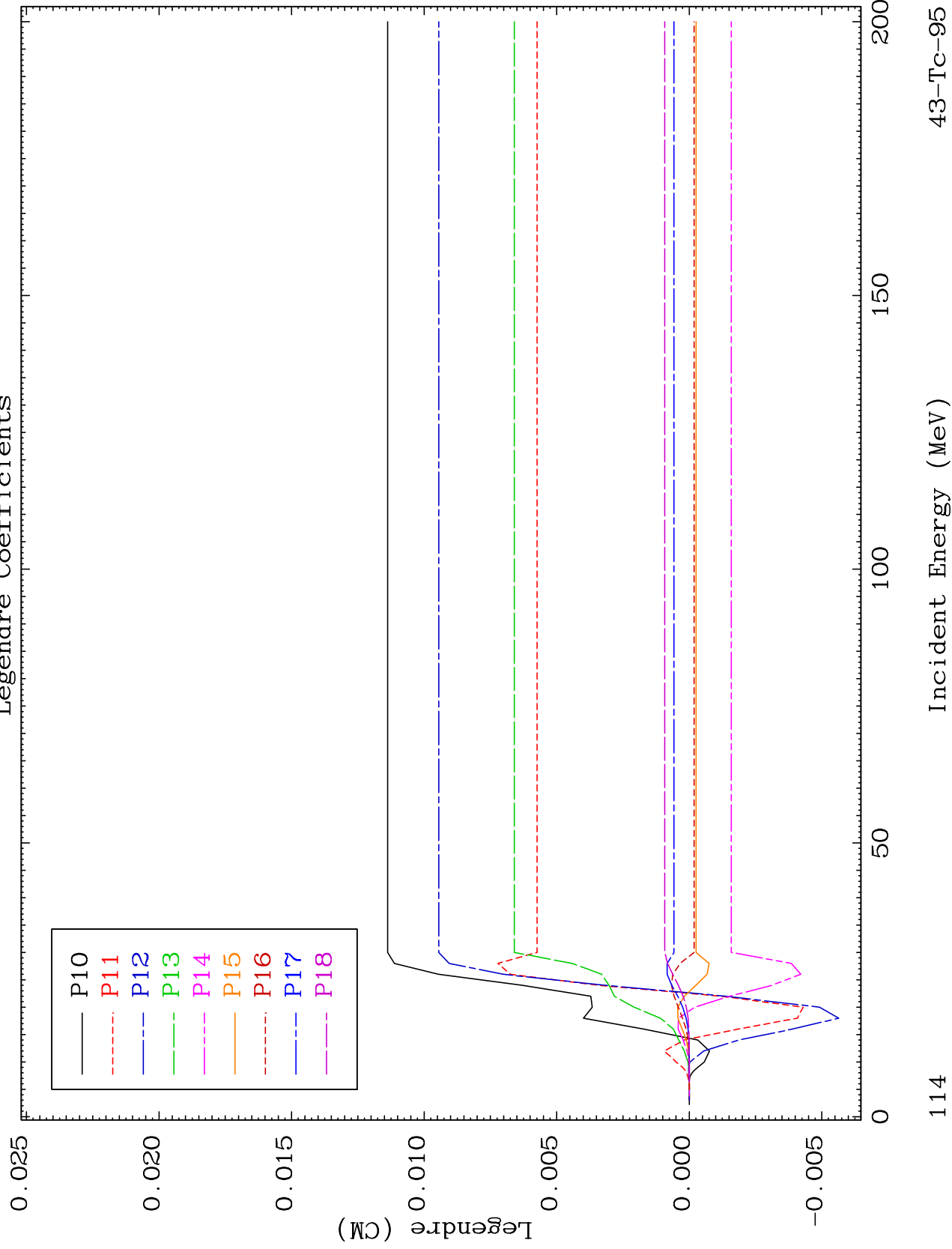
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



114

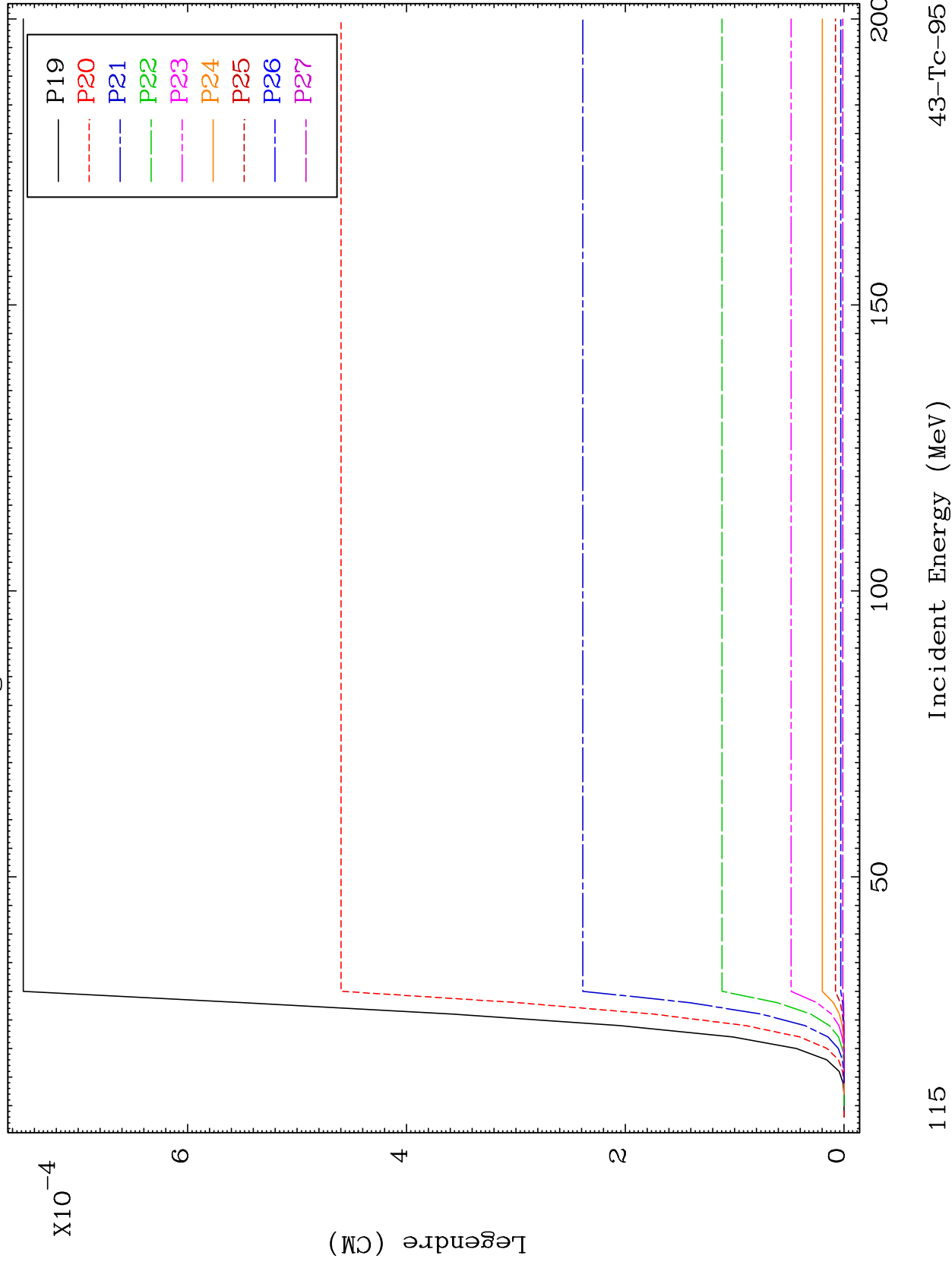
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

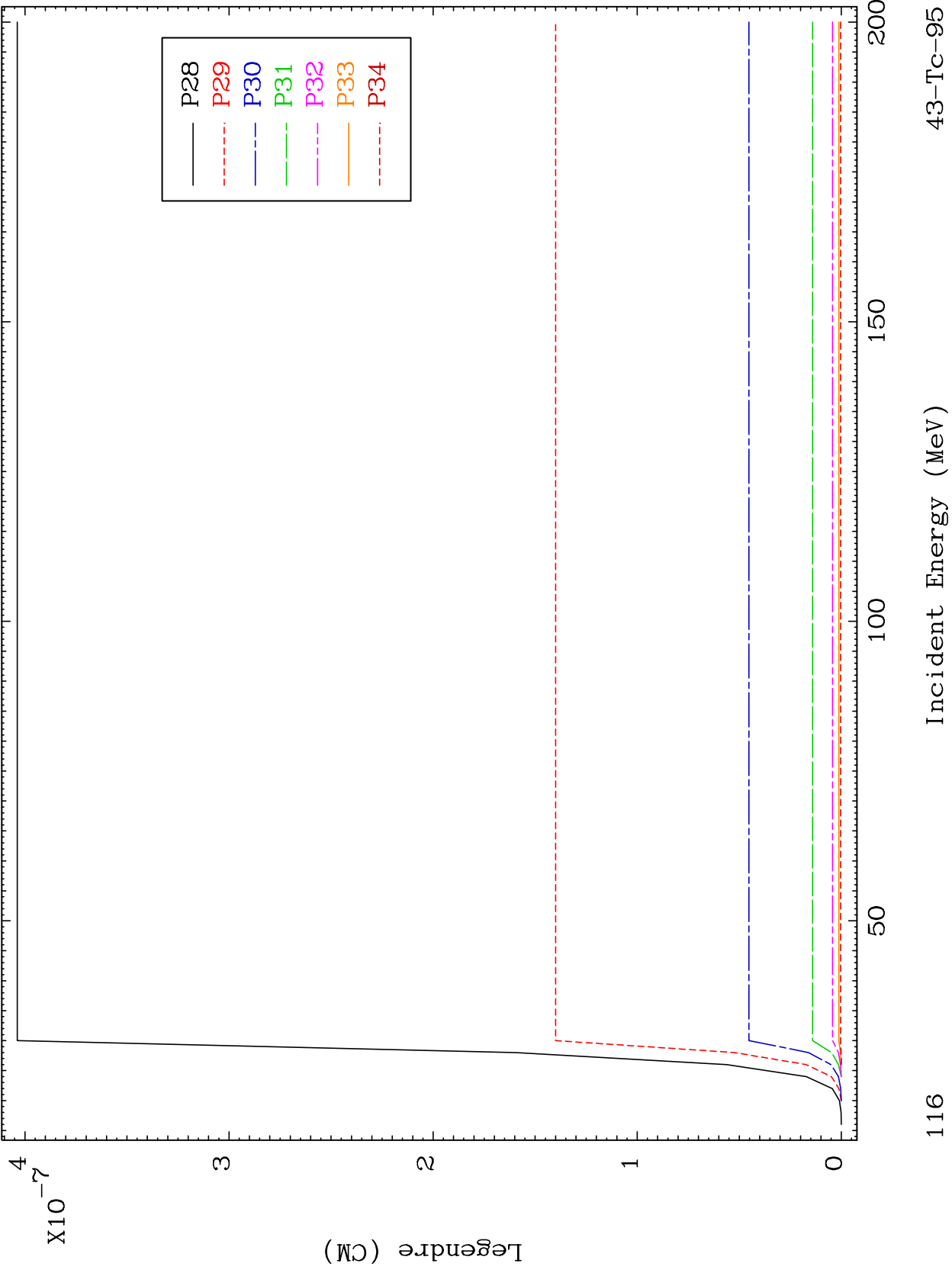
43-Tc-95



MAT 4313

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

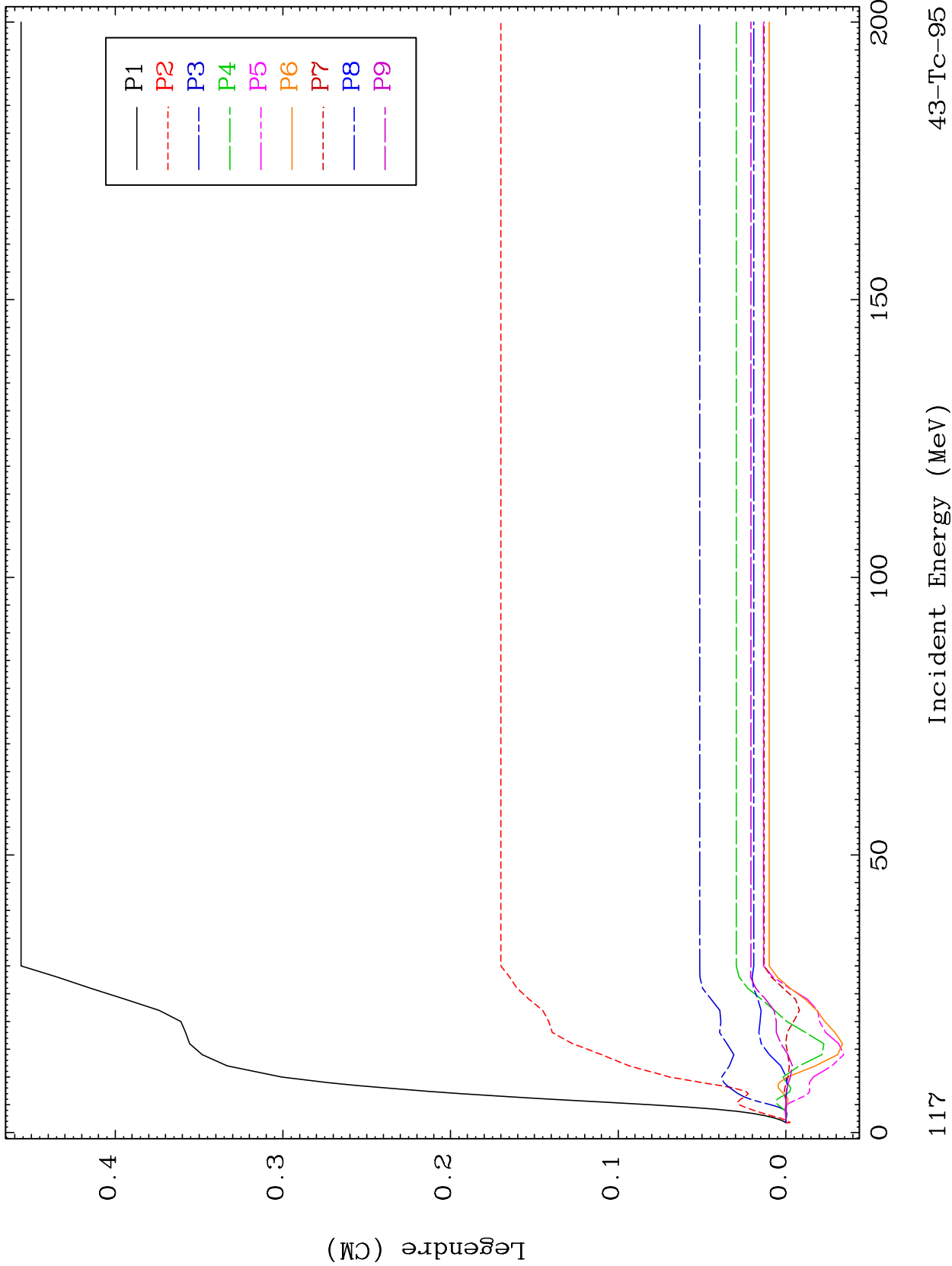
43-Tc-95



MAT 4313

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

43-Tc-95



117

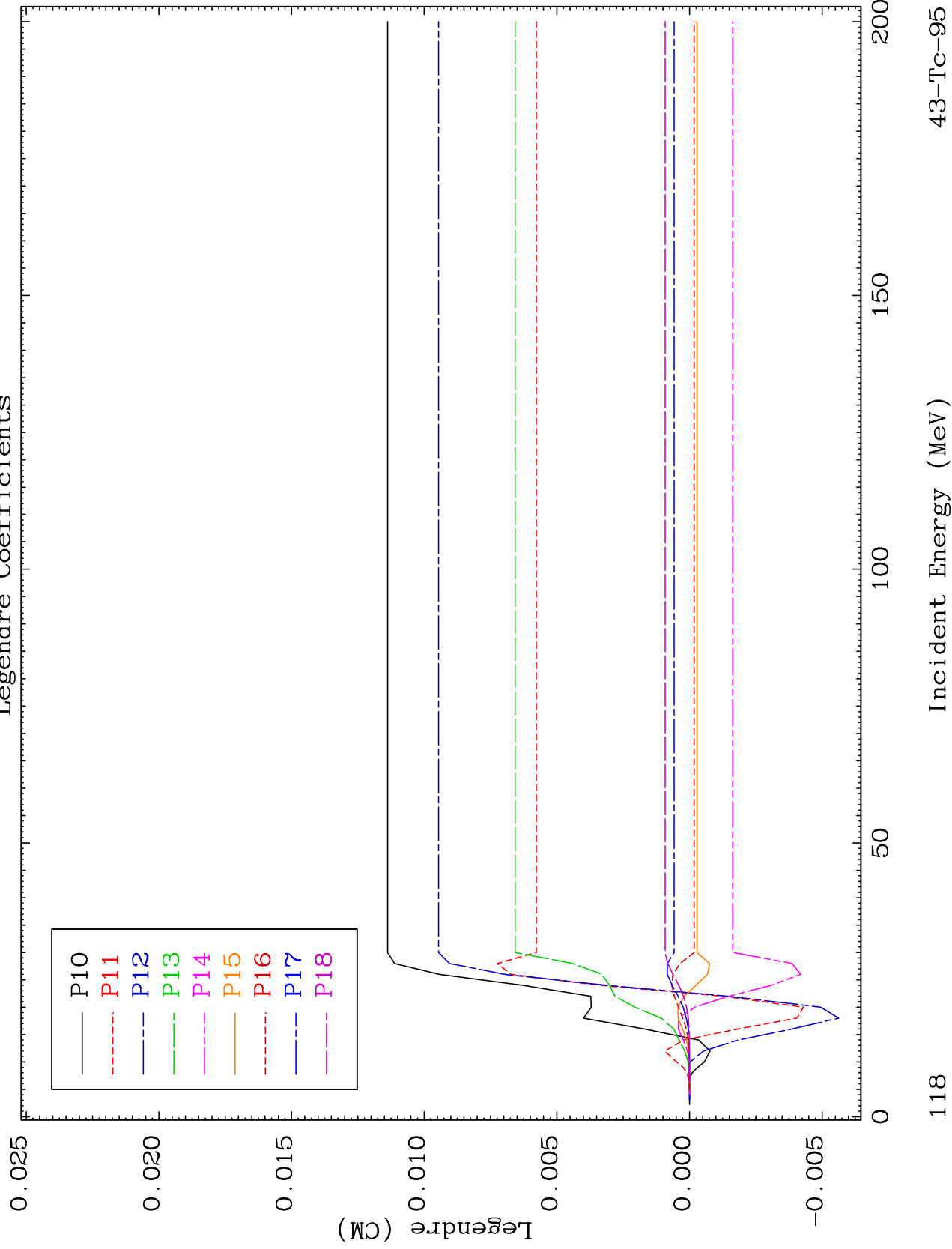
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



118

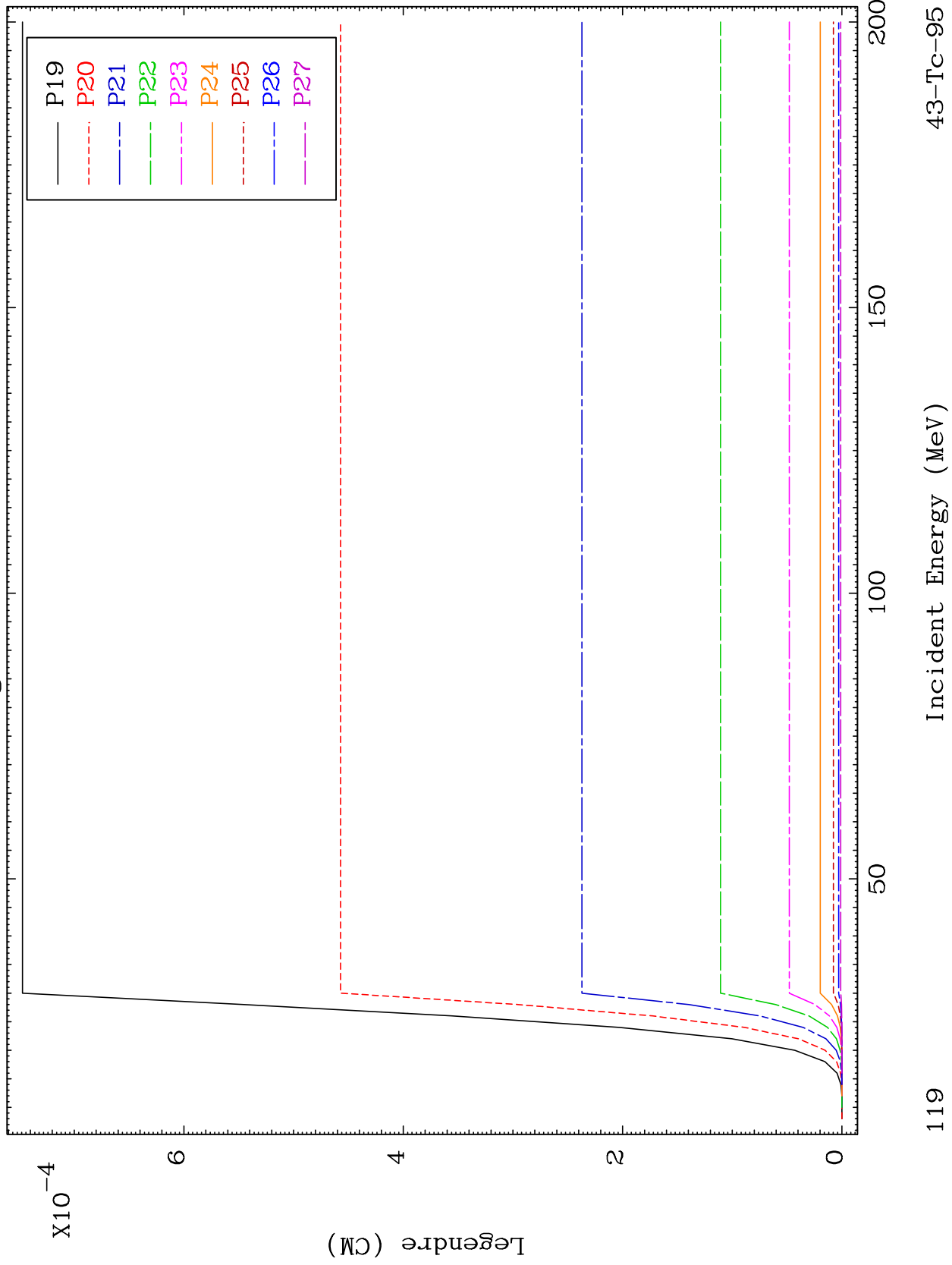
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

43-Tc-95



119

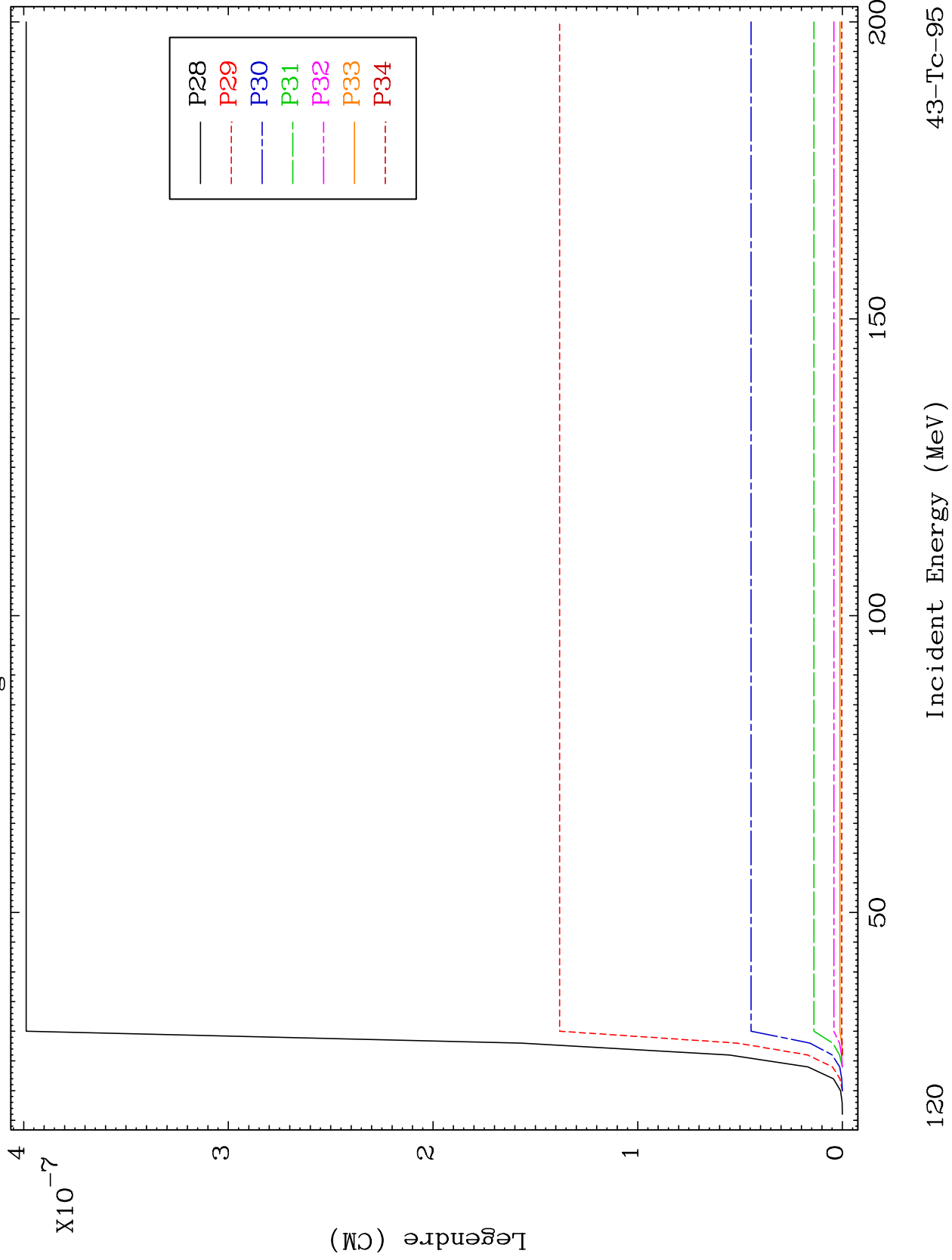
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

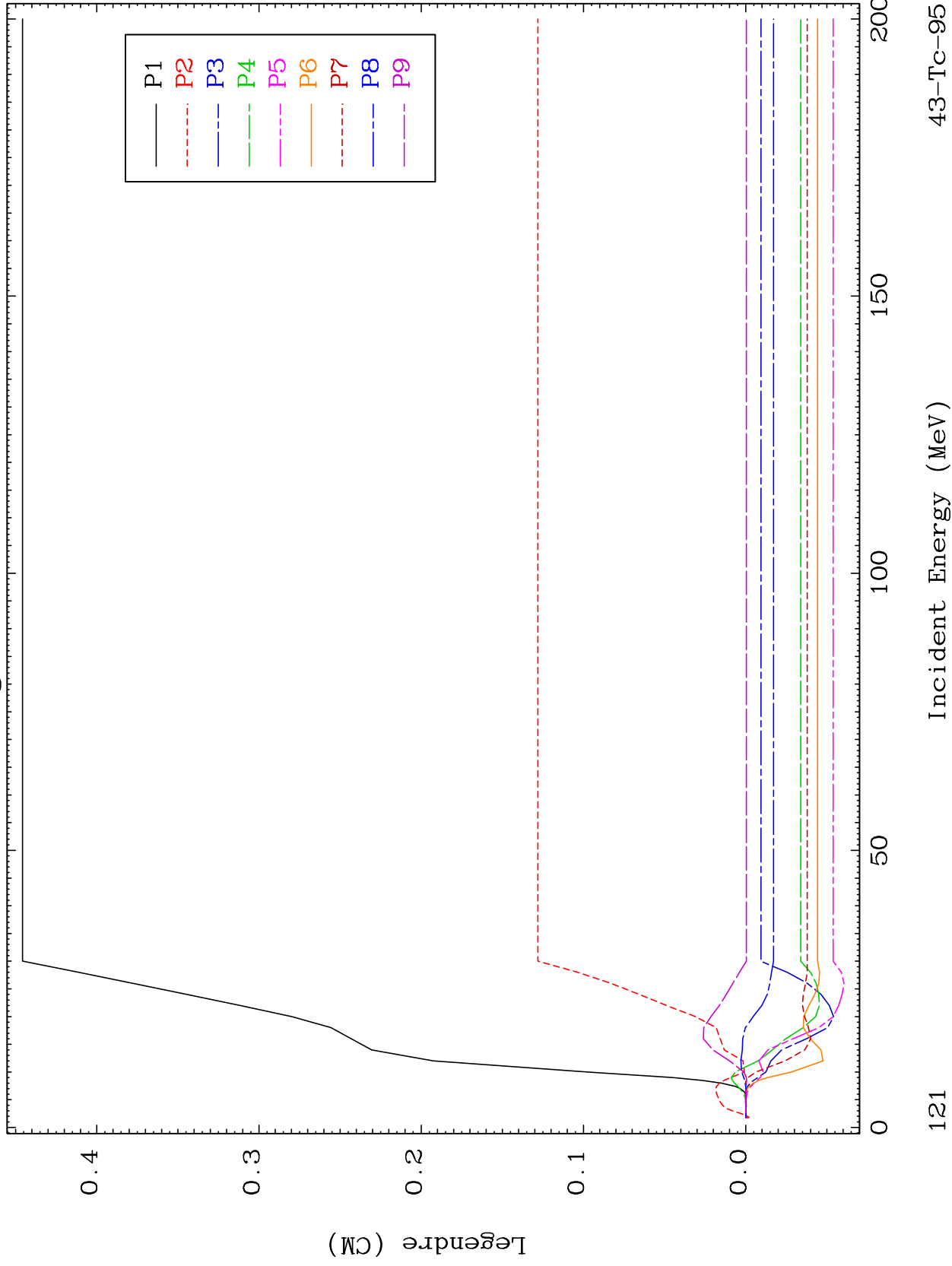
43-Tc-95



MAT 4313

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

43-Tc-95



121

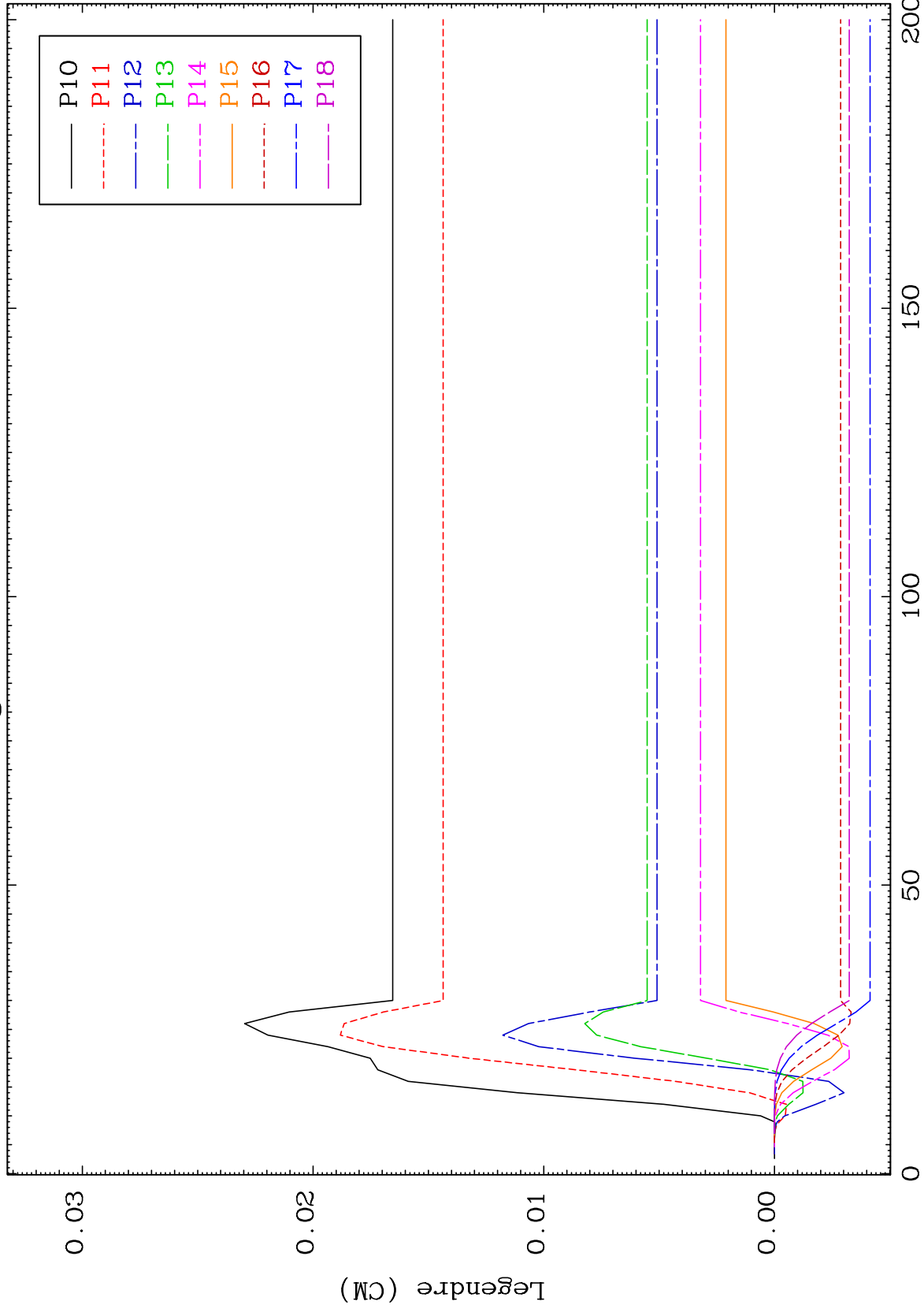
Incident Energy (MeV)

43-Tc-95

MAT 4313

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

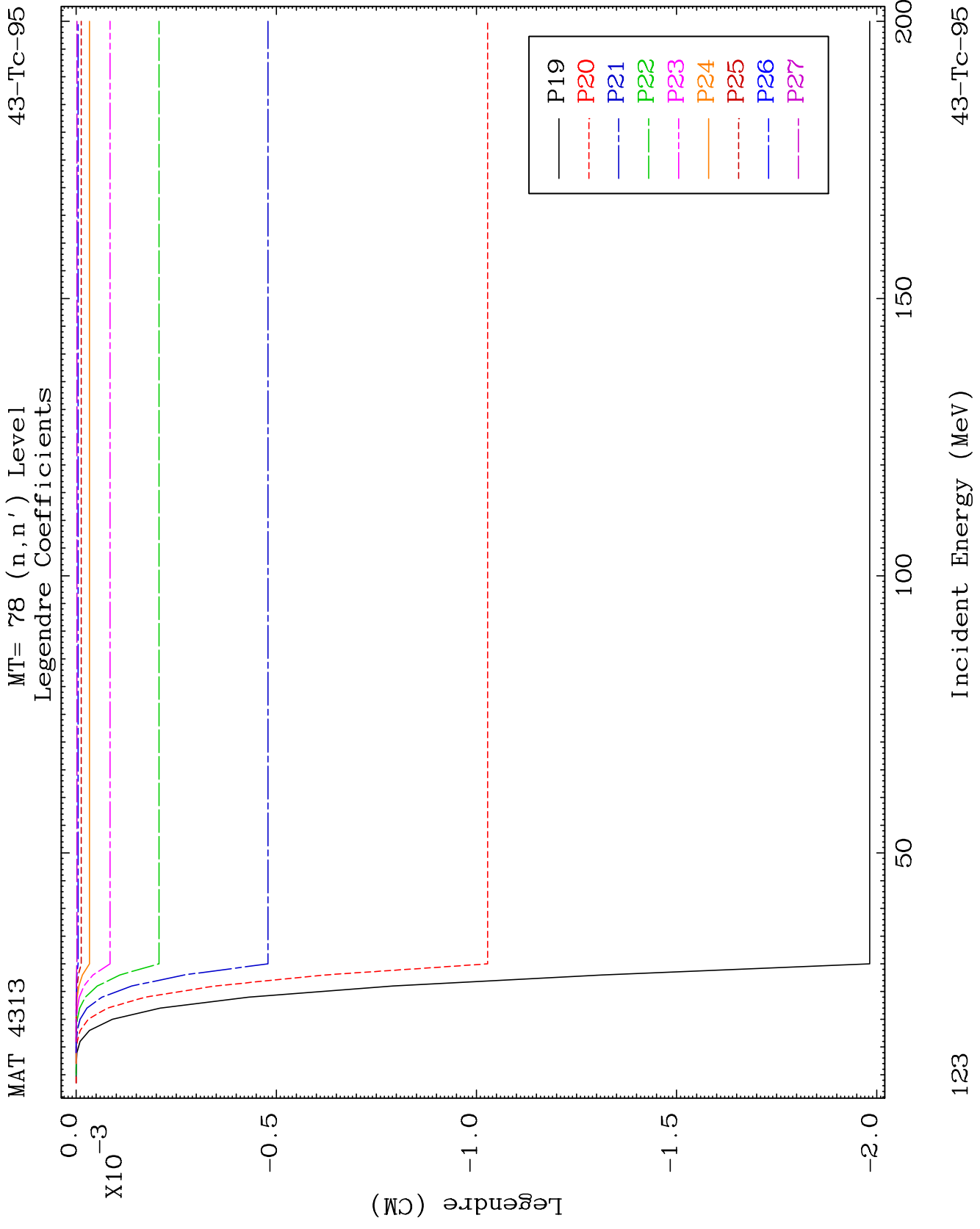
43-Tc-95

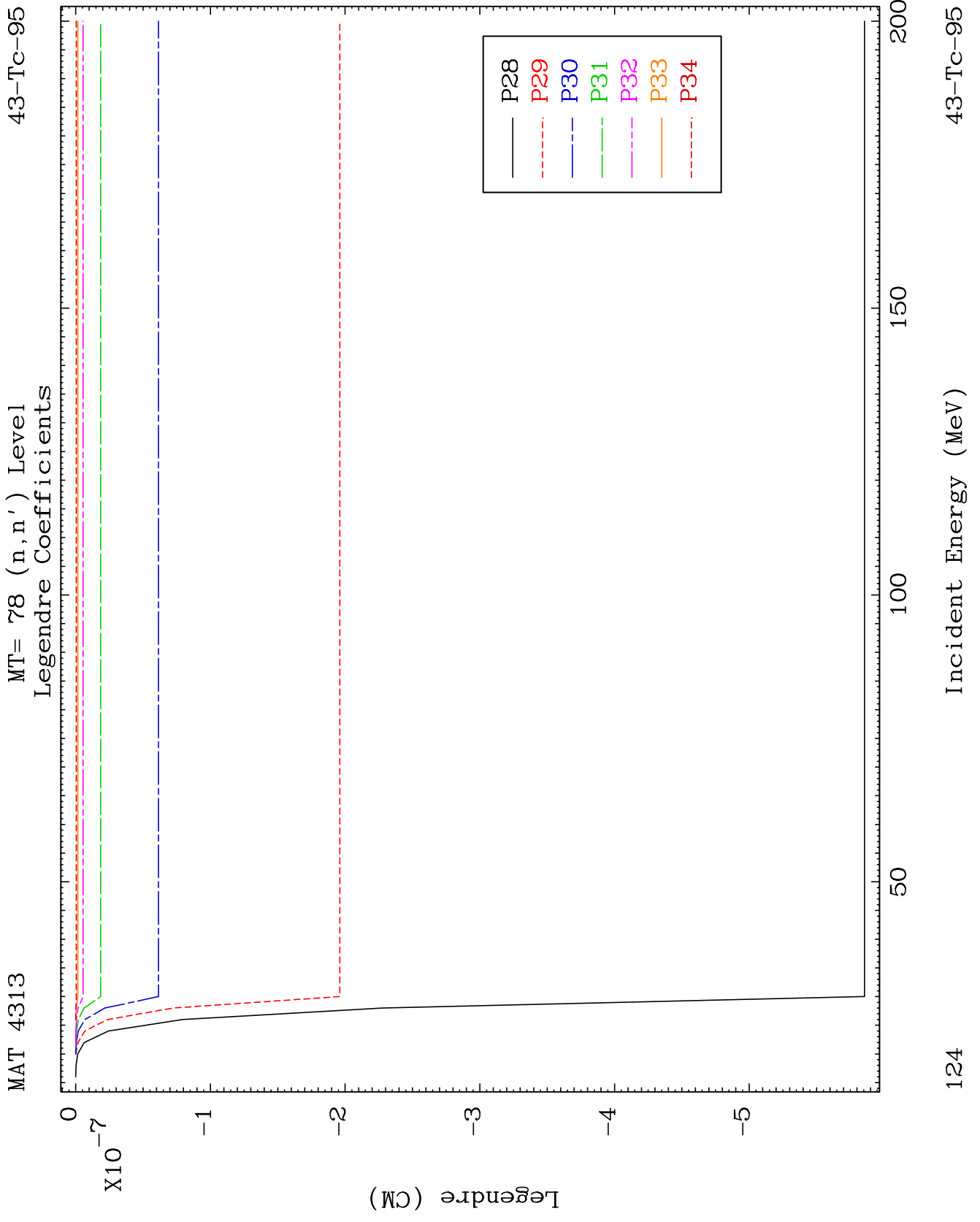


122

Incident Energy (MeV)

43-Tc-95

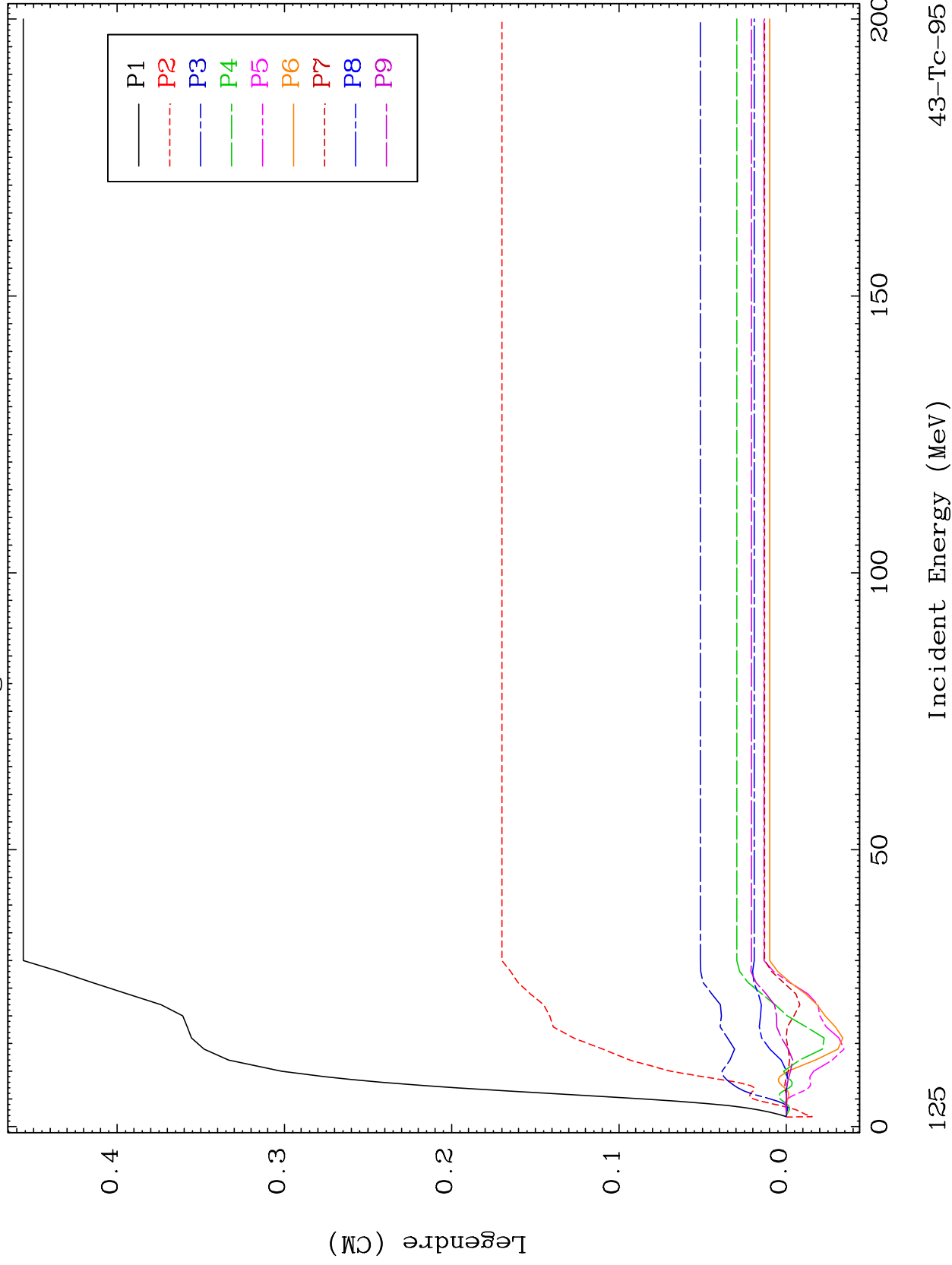




MAT 4313

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

43-Tc-95



43-Tc-95

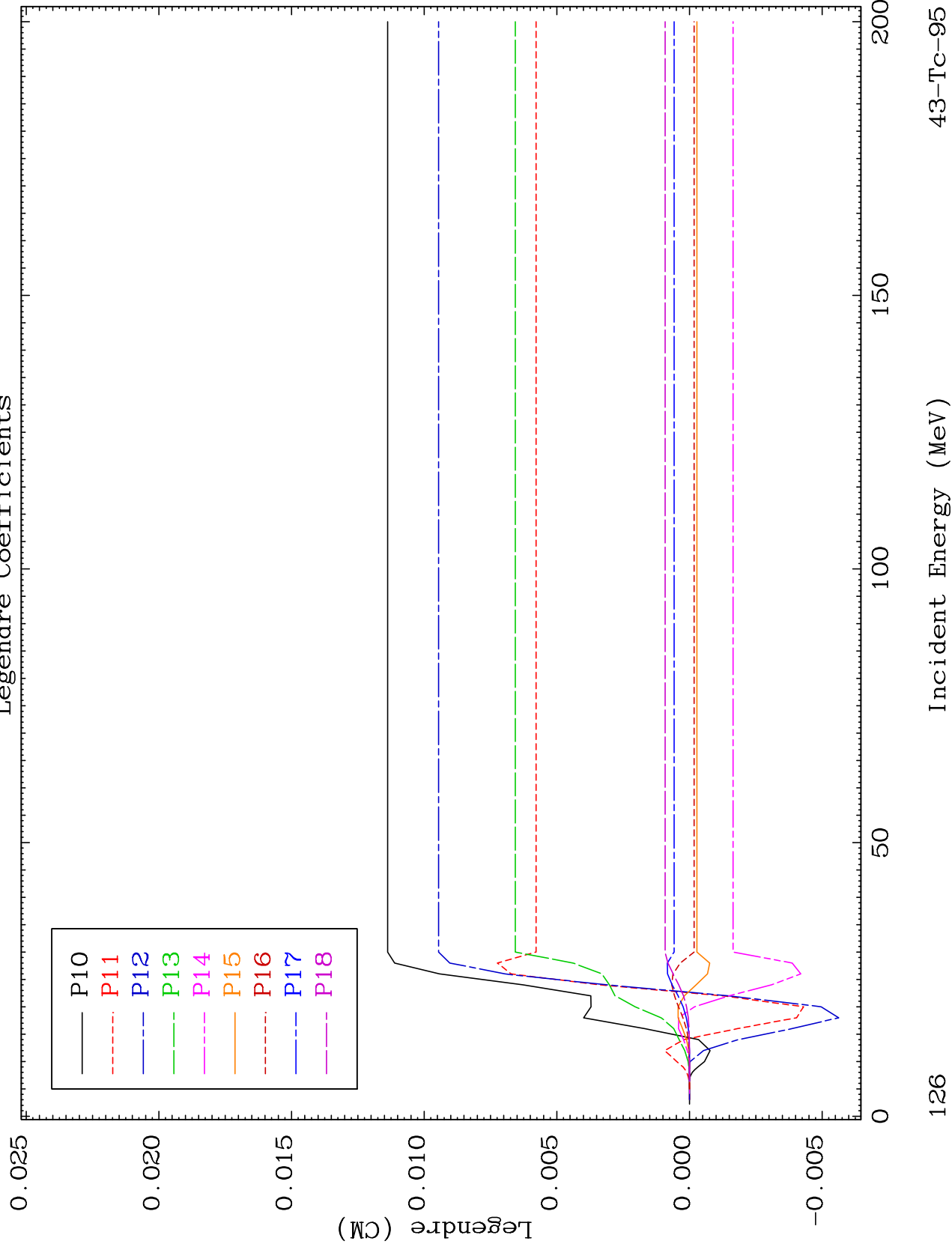
Incident Energy (MeV)

125

MAT 4313

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

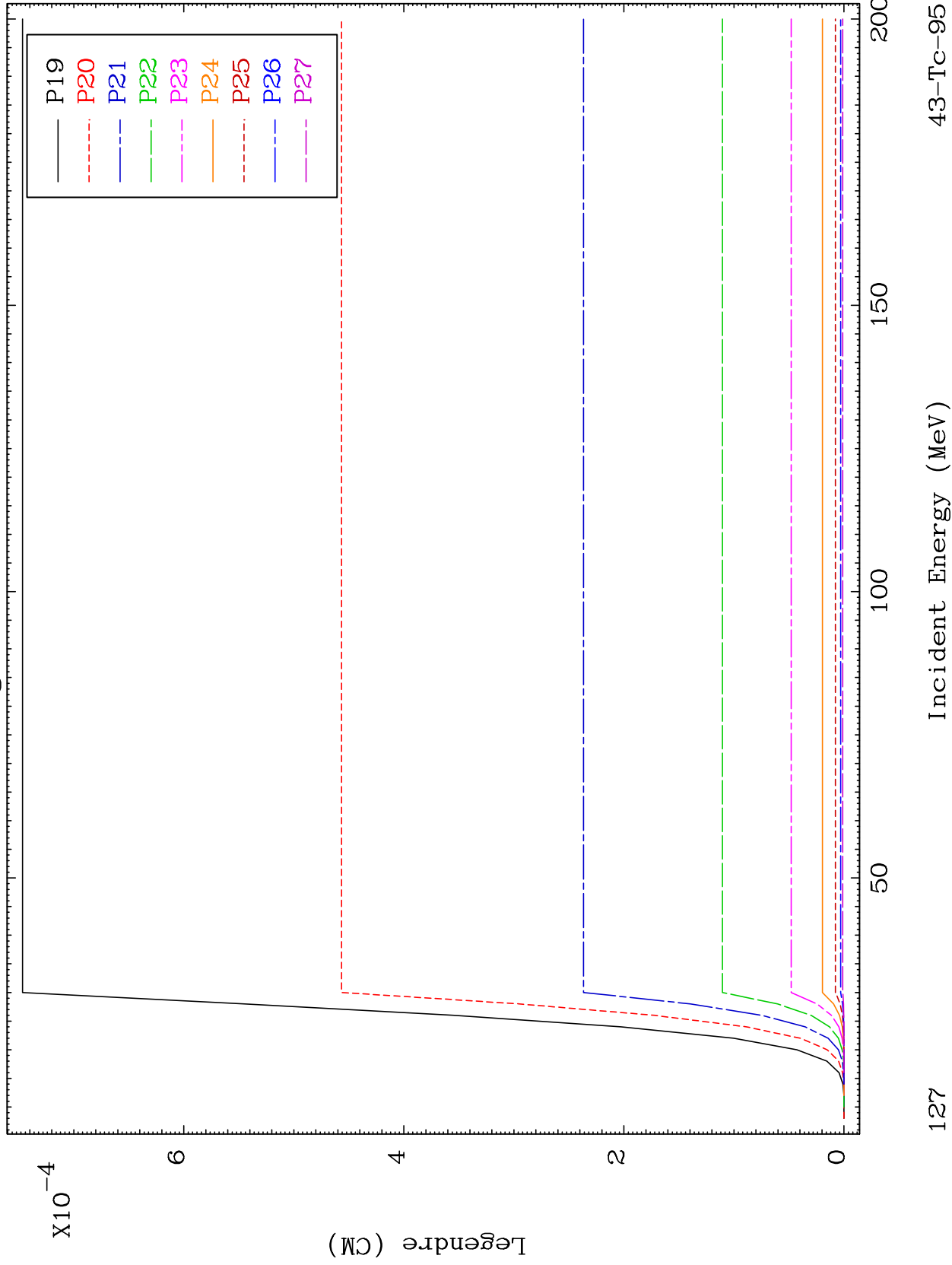
43-Tc-95



MAT 4313

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

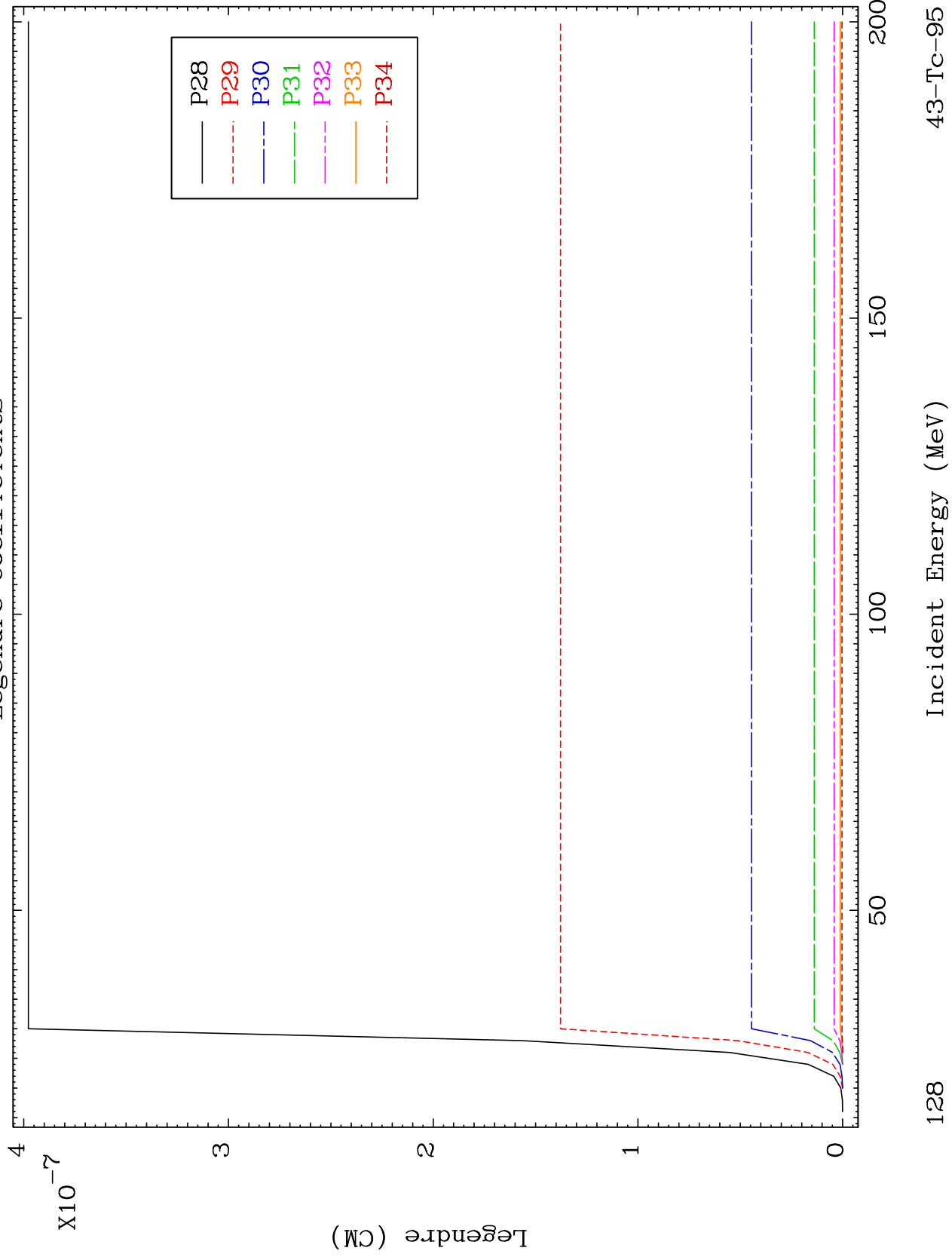
43-Tc-95



MAT 4313

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

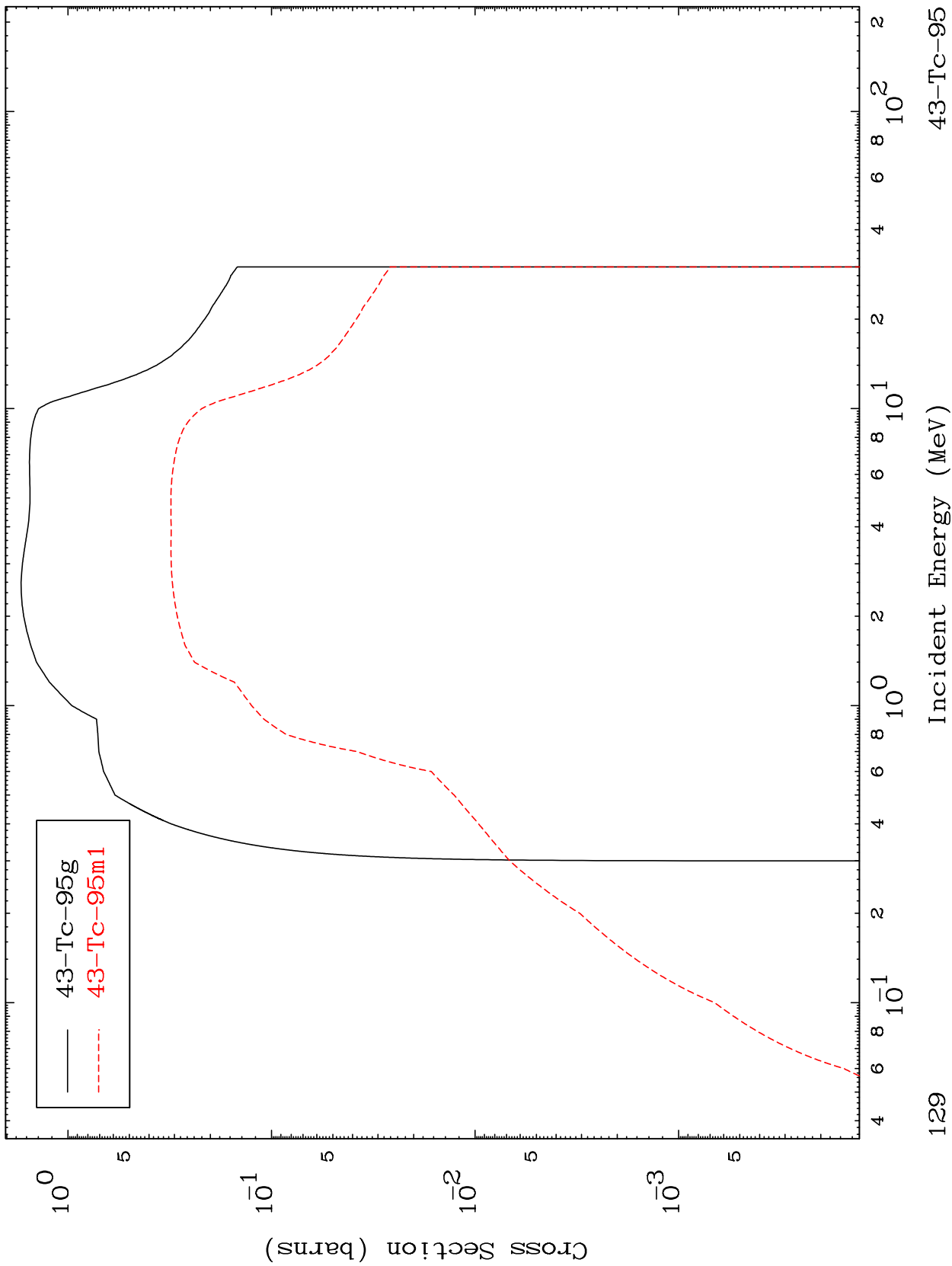
43-Tc-95

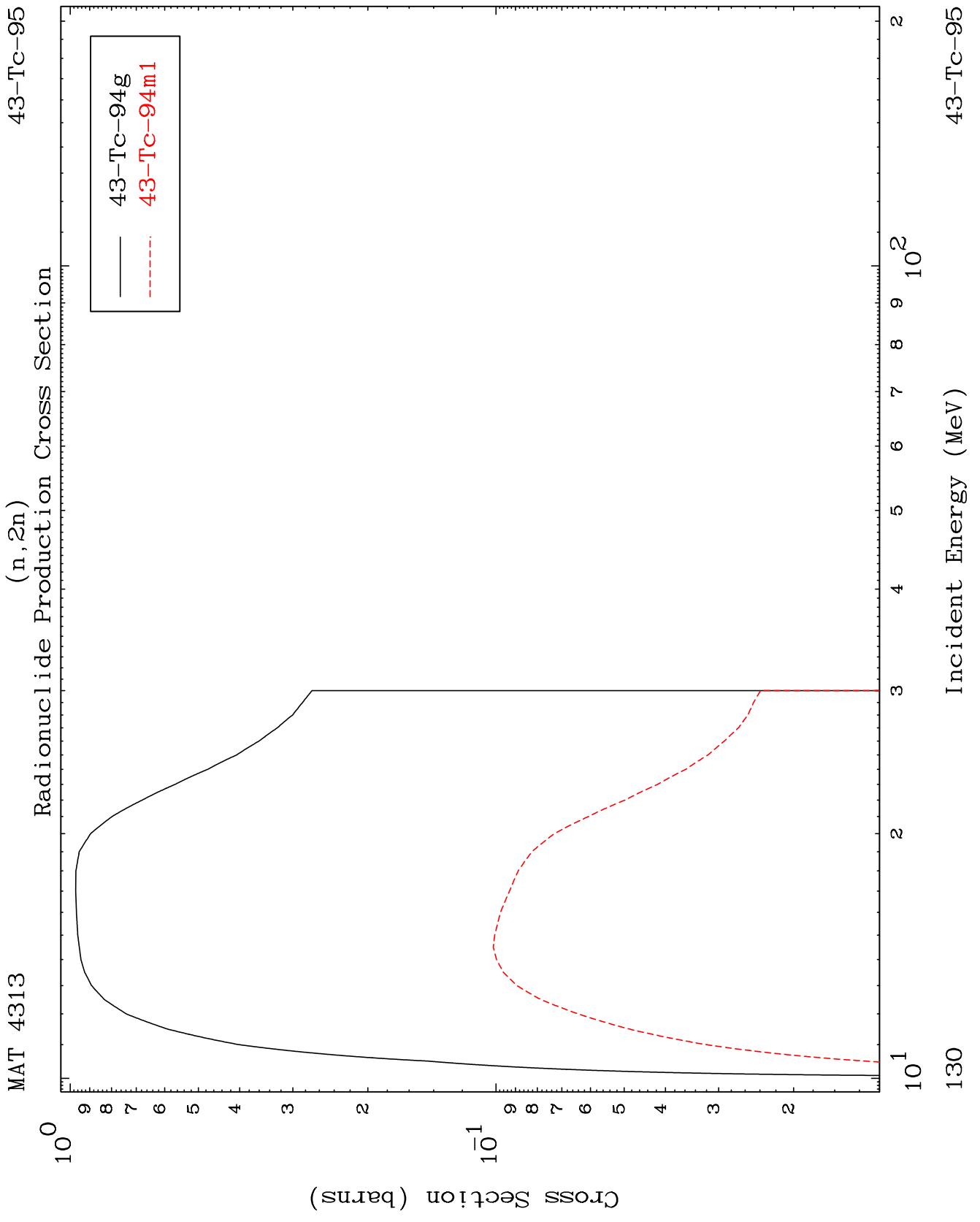


MAT 4313

43-Tc-95

Radionuclide Production Cross Section

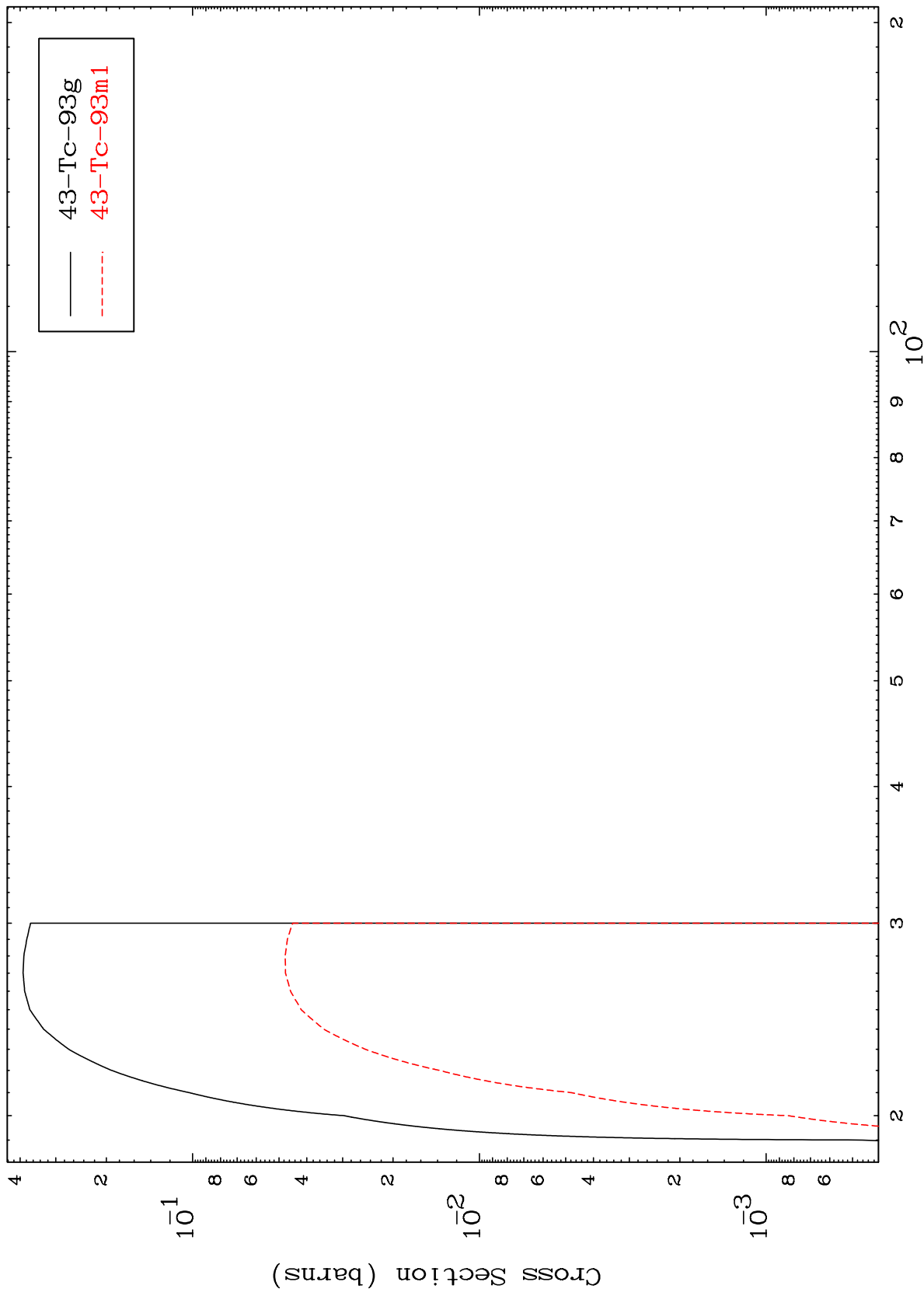




MAT 4313

43-Tc-95

(n,3n)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

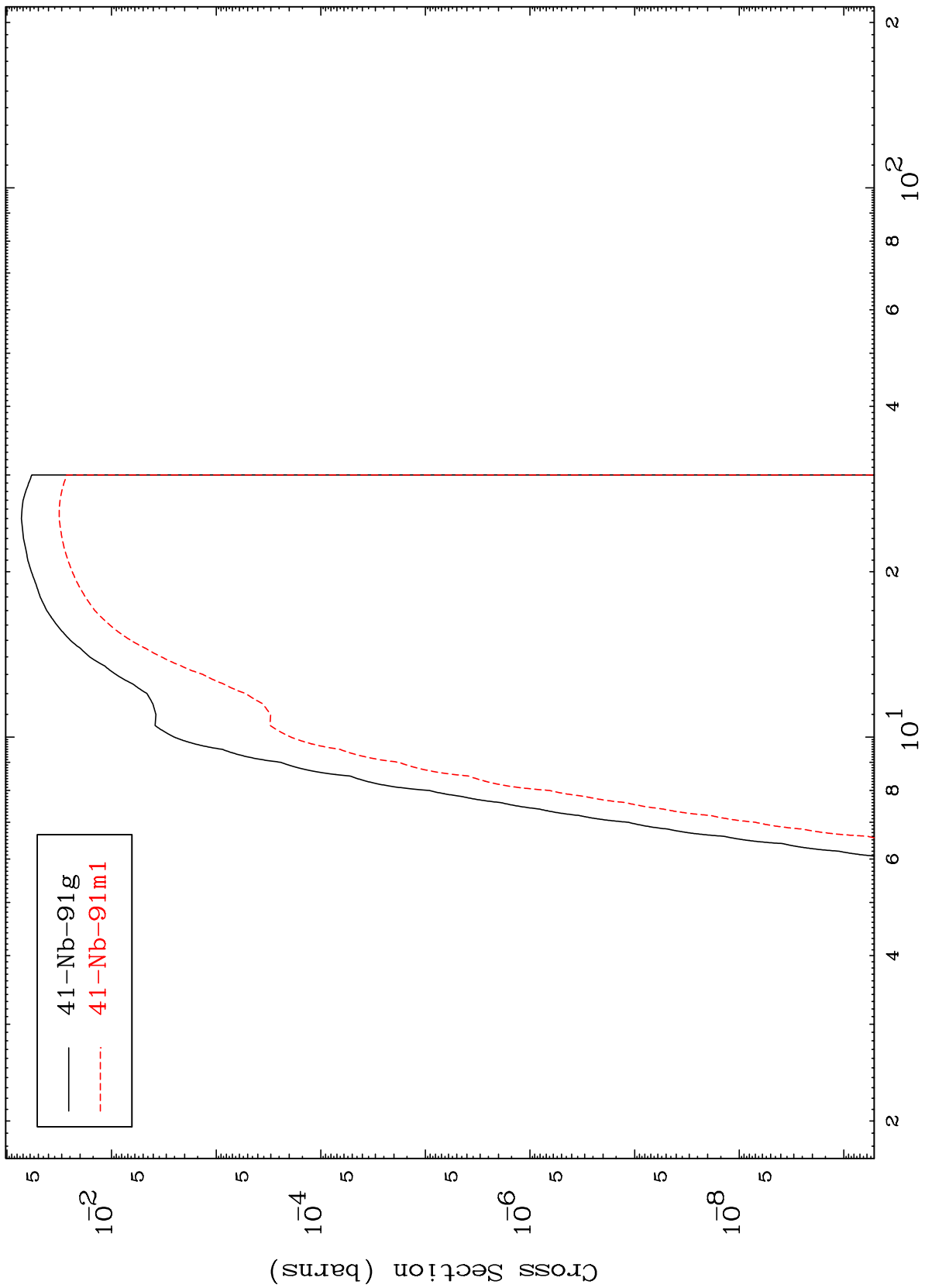
43-Tc-95

MAT 4313

(n,n') α

43-Tc-95

Radionuclide Production Cross Section



132

Incident Energy (MeV)

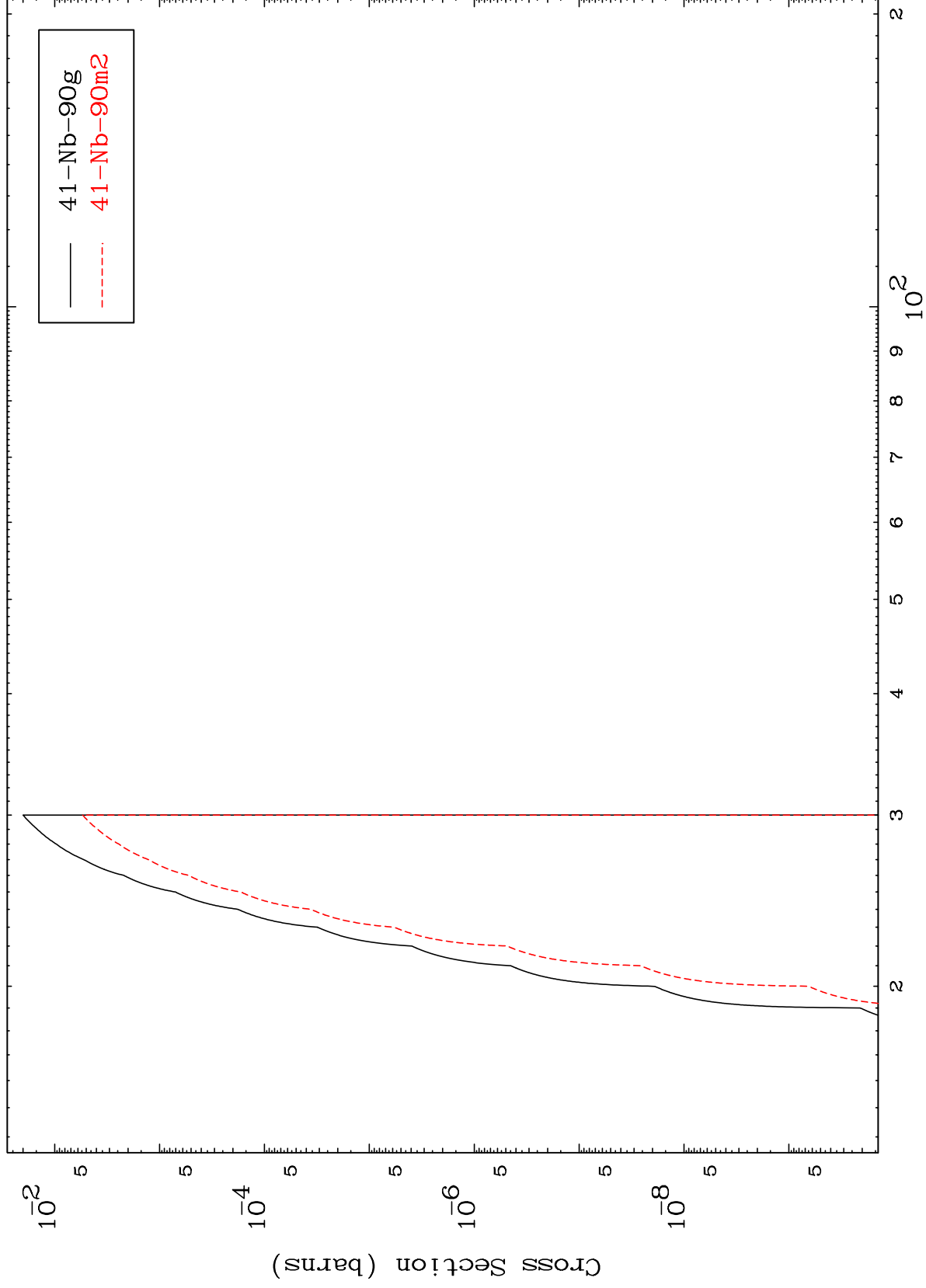
43-Tc-95

MAT 4313

(n,2n) α

43-Tc-95

Radionuclide Production Cross Section



133

Incident Energy (MeV)

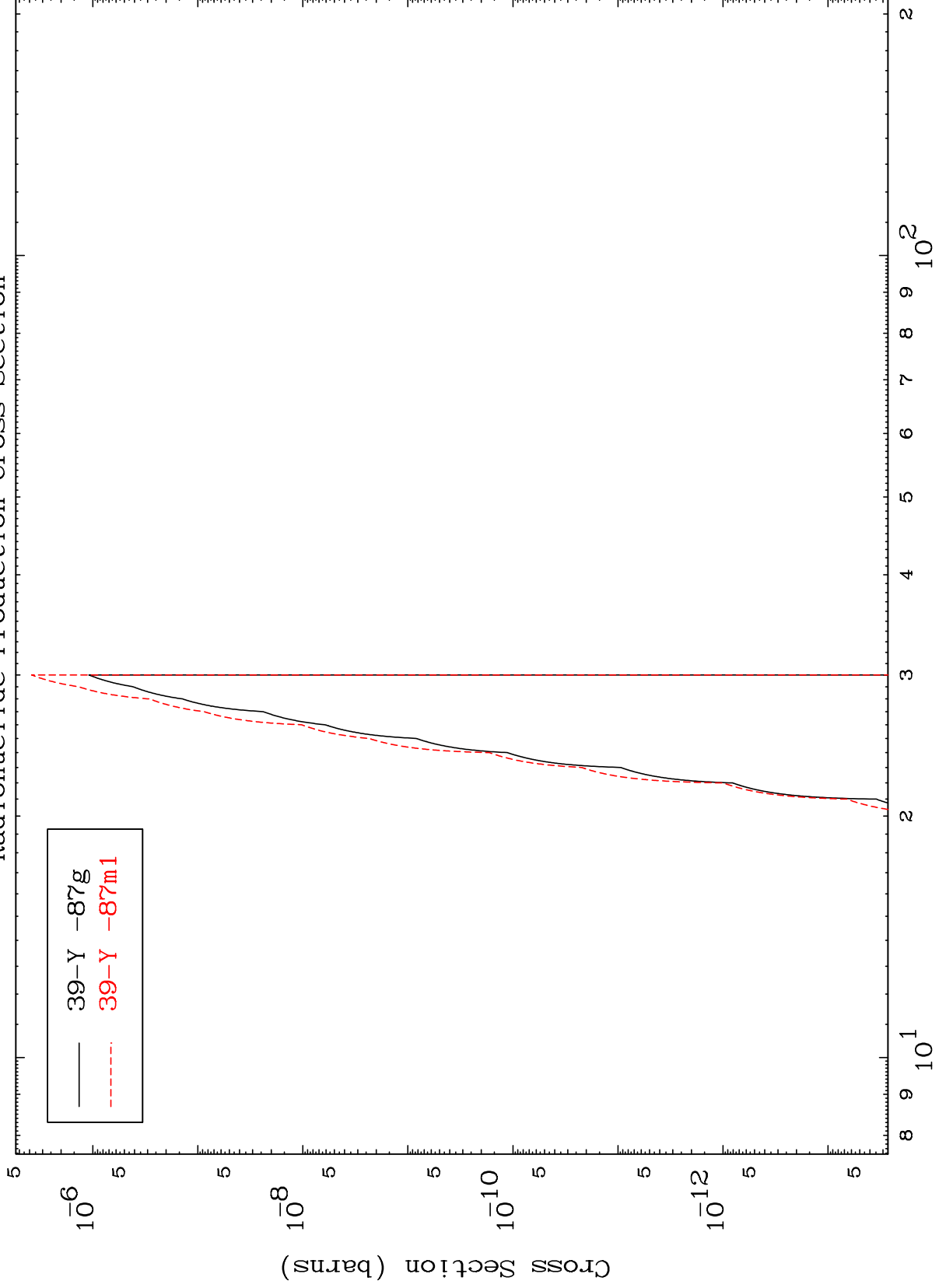
43-Tc-95

MAT 4313

(n,n') 2α

43-Tc-95

Radionuclide Production Cross Section



— 39-Y -87g
- - - 39-Y -87m1

134

Incident Energy (MeV)

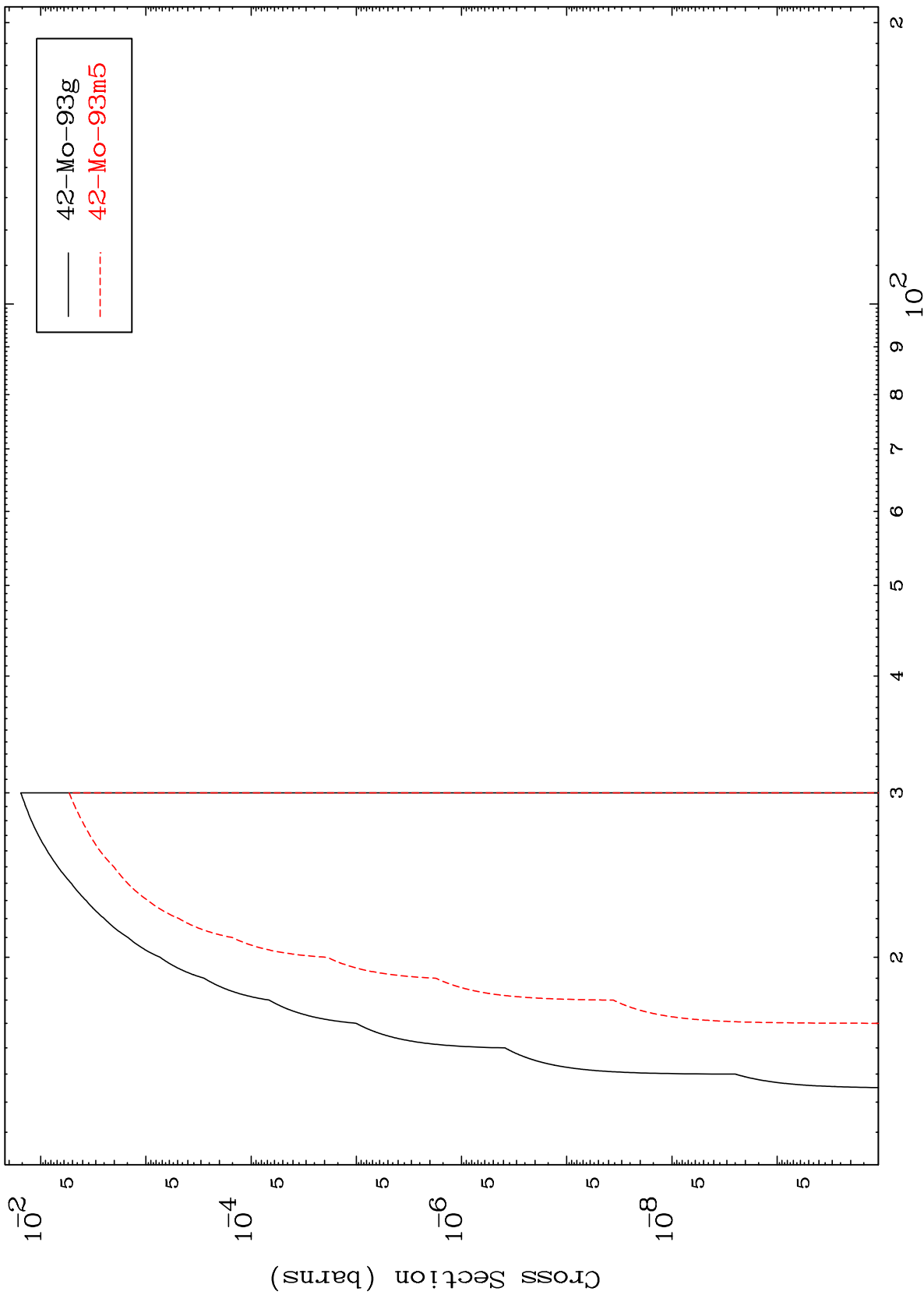
43-Tc-95

MAT 4313

(n,n') d

43-Tc-95

Radionuclide Production Cross Section



135

Incident Energy (MeV)

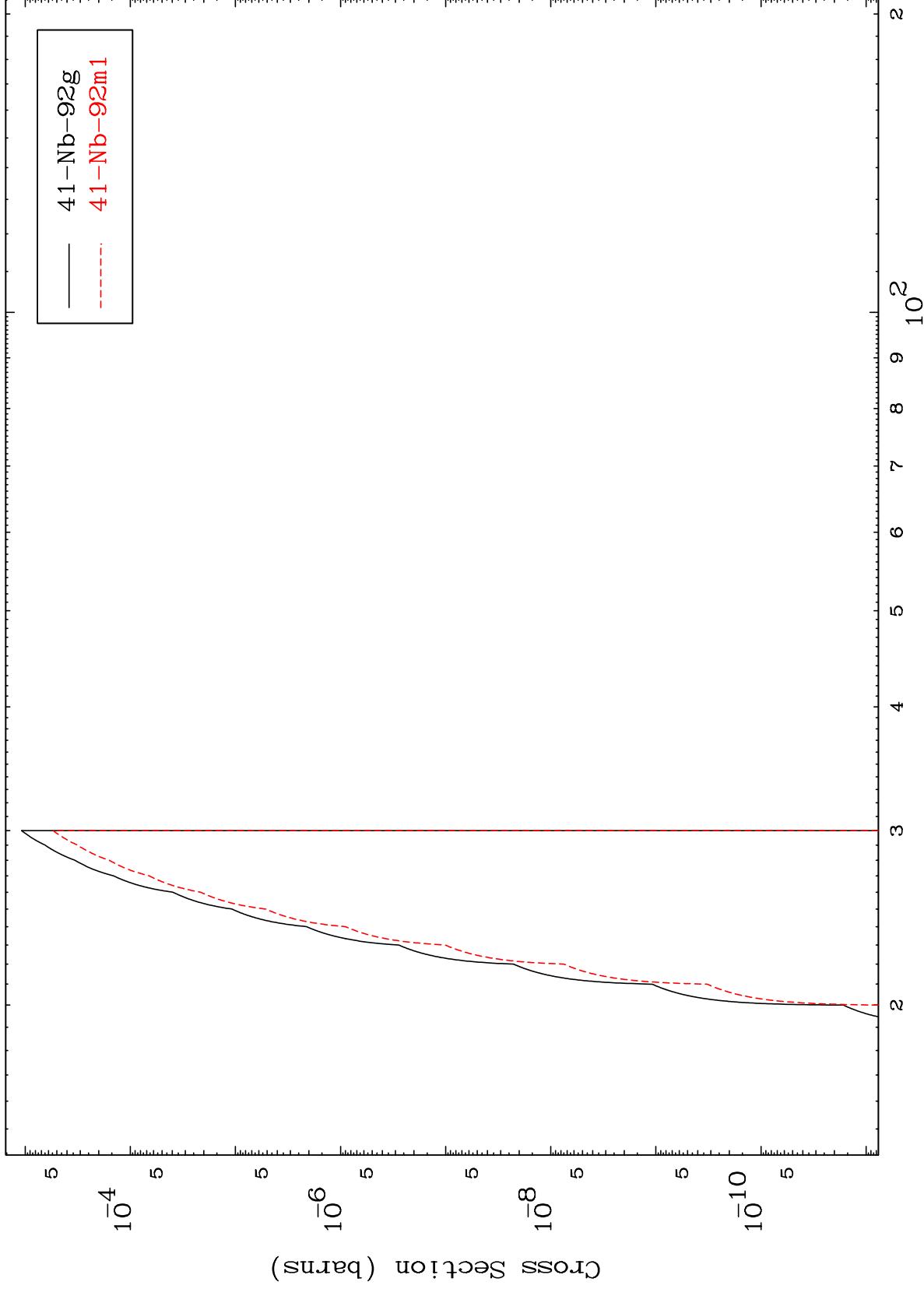
43-Tc-95

MAT 4313

(n,n') He-3

43-Tc-95

Radionuclide Production Cross Section



136

Incident Energy (MeV)

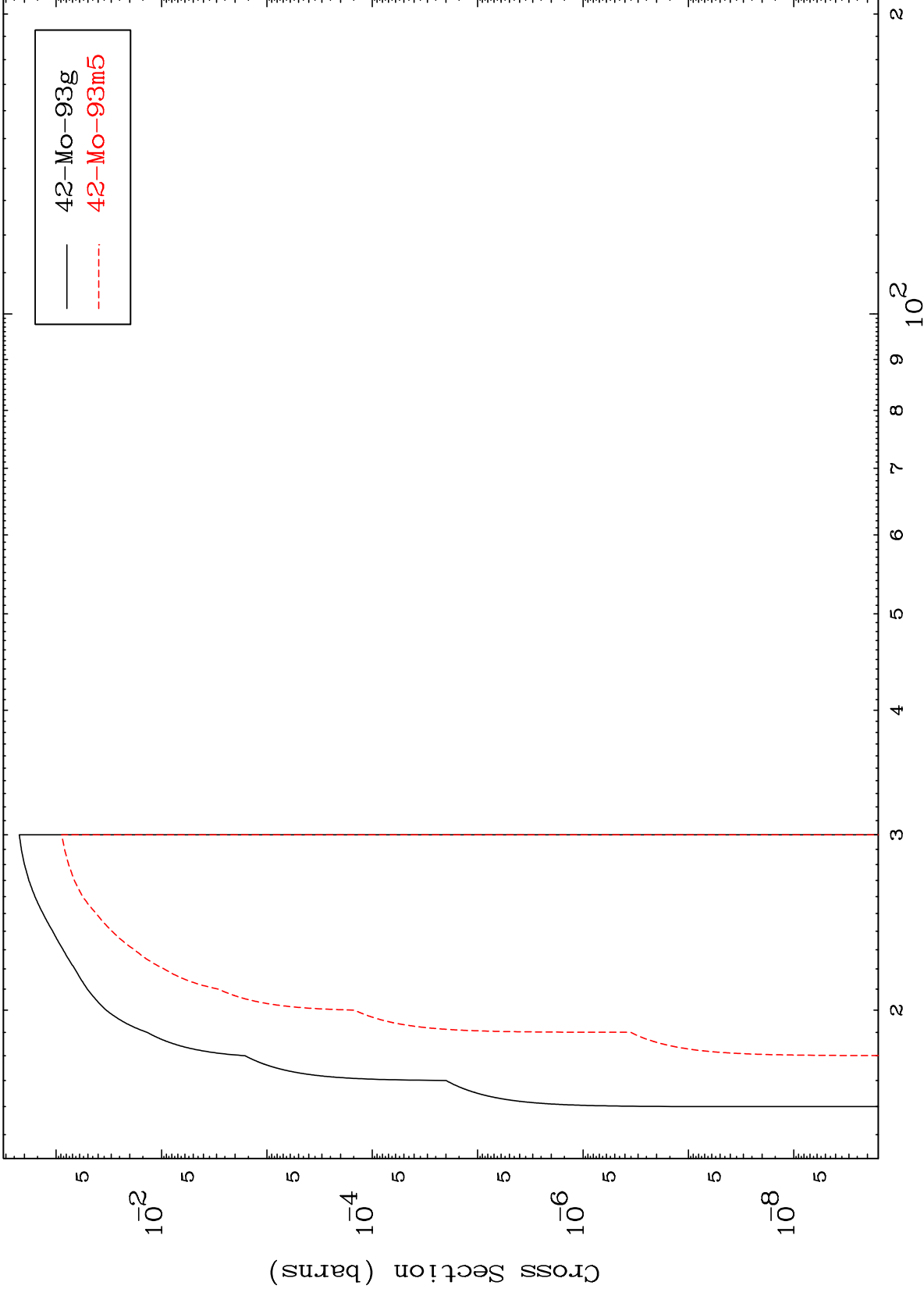
43-Tc-95

MAT 4313

(n,2n) p

43-Tc-95

Radionuclide Production Cross Section



42-Mo-93g
42-Mo-93m5

137

Incident Energy (MeV)

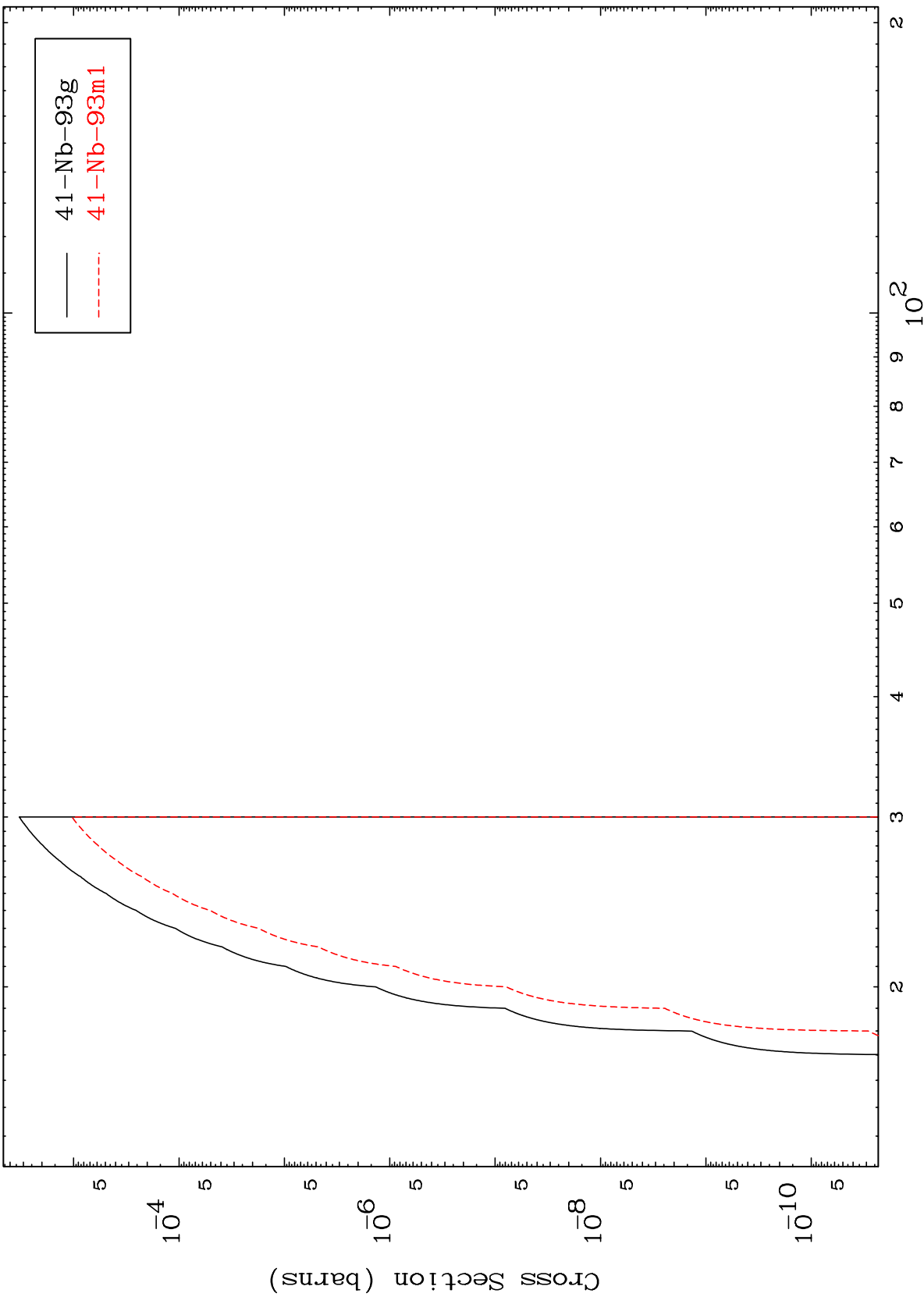
43-Tc-95

MAT 4313

(n,2n) p

43-Tc-95

Radionuclide Production Cross Section



138

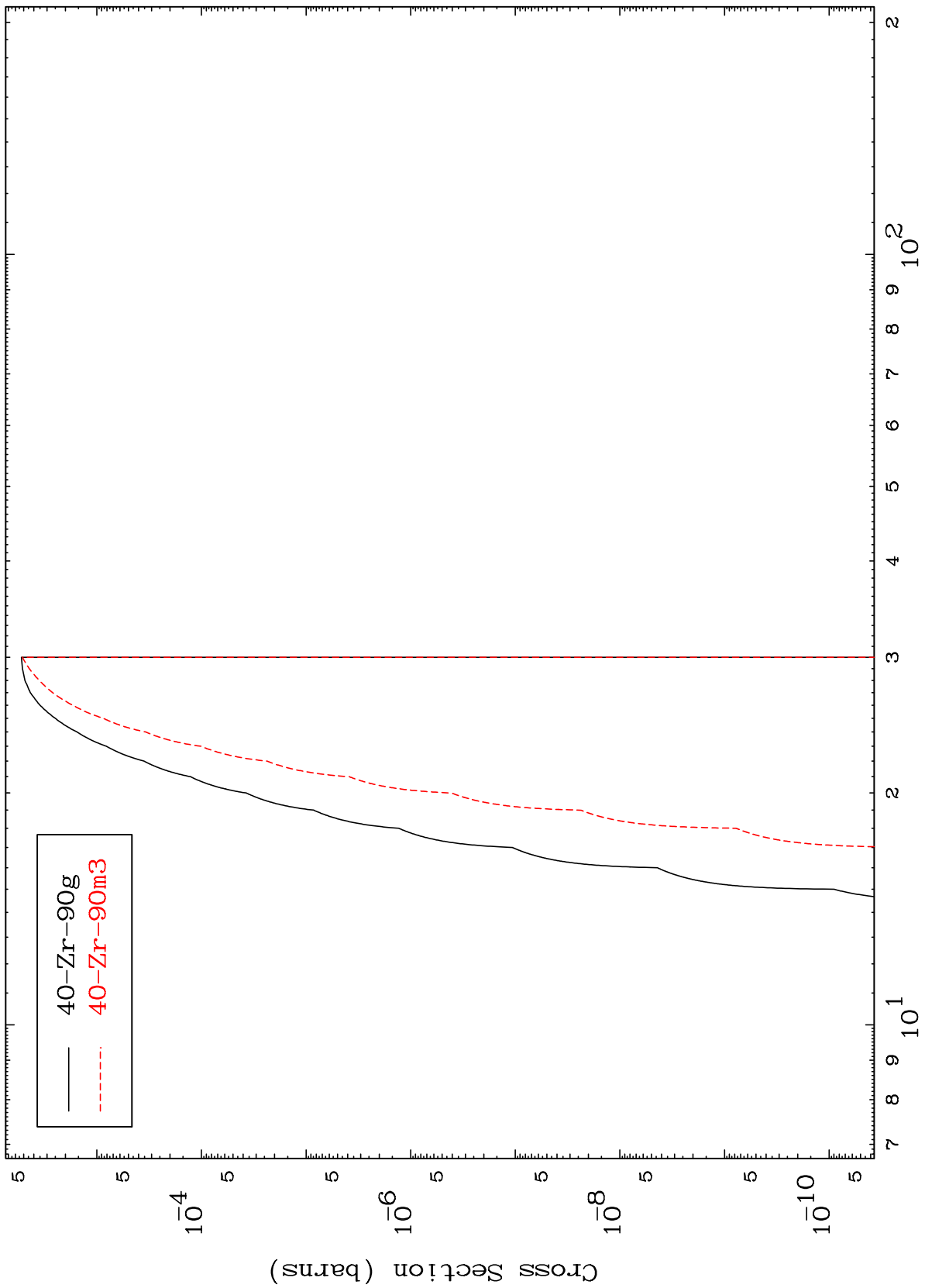
Incident Energy (MeV)

43-Tc-95

MAT 4313

43-Tc-95

(n,n') p α
Radionuclide Production Cross Section



139

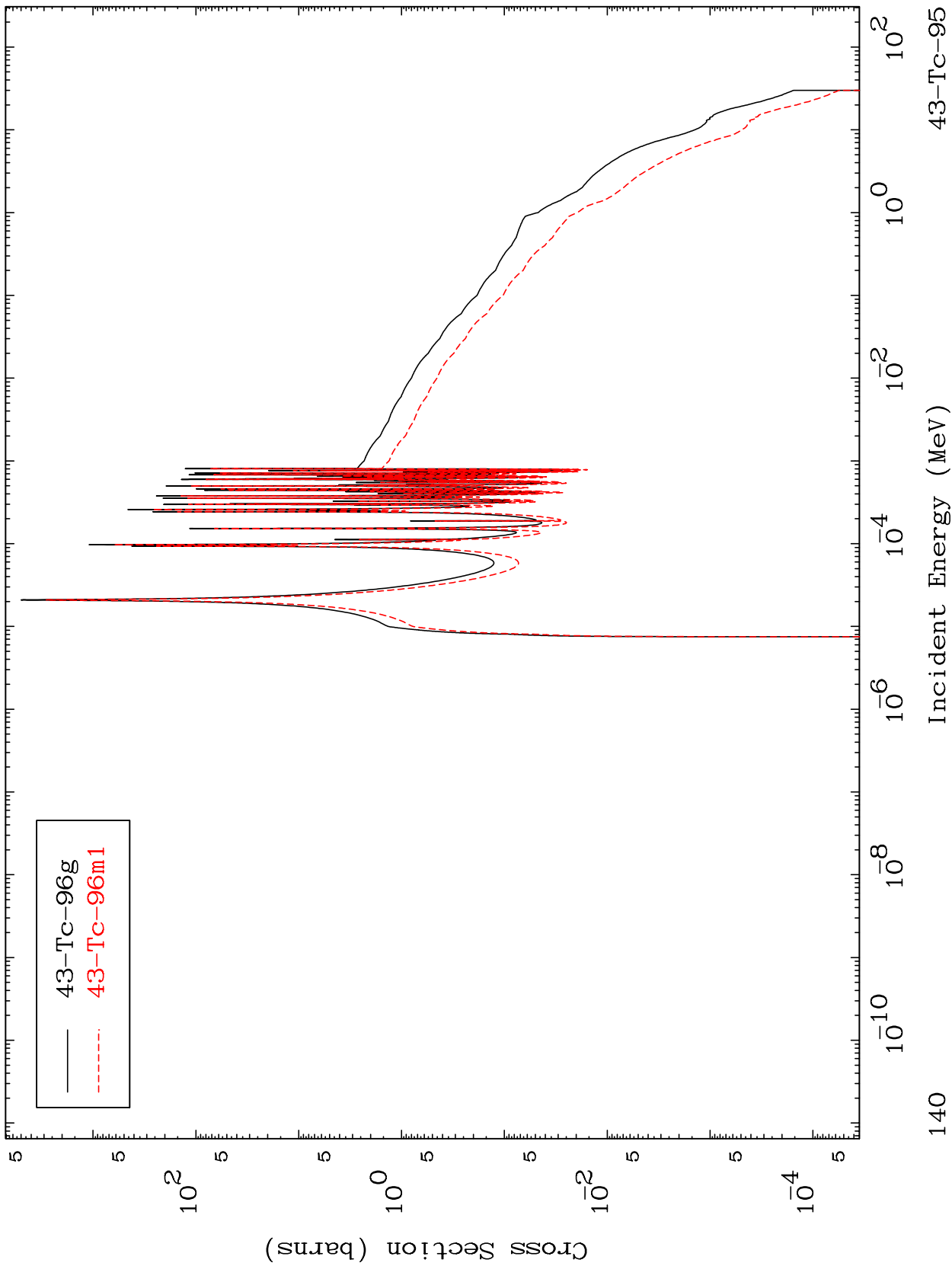
Incident Energy (MeV)

43-Tc-95

MAT 4313

43-Tc-95

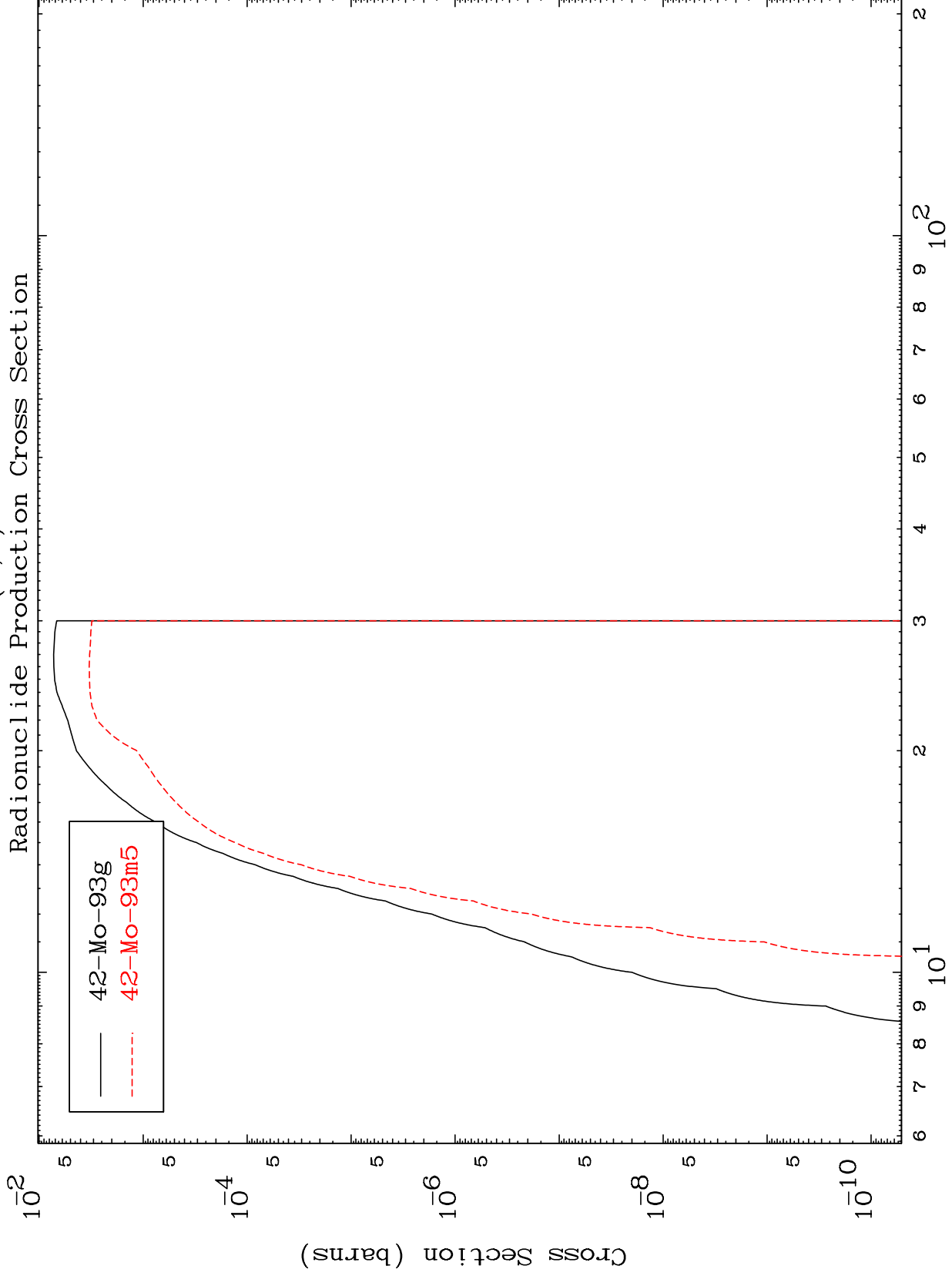
(n, γ)
Radionuclide Production Cross Section



MAT 4313

43-Tc-95

(n, t)
Radionuclide Production Cross Section



141

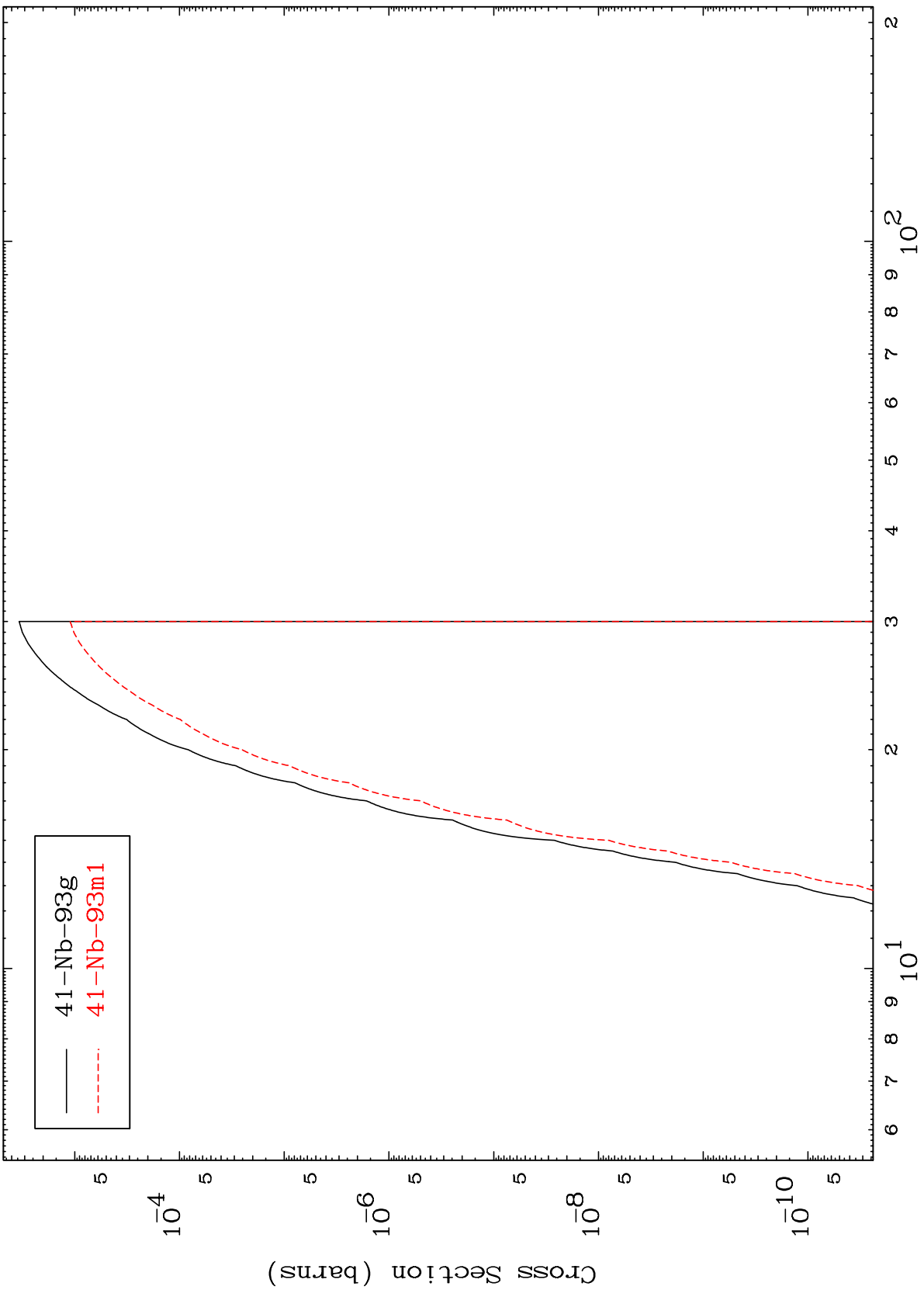
Incident Energy (MeV)

43-Tc-95

MAT 4313

43-Tc-95

Radionuclide Production Cross Section
(n,He-3)



142

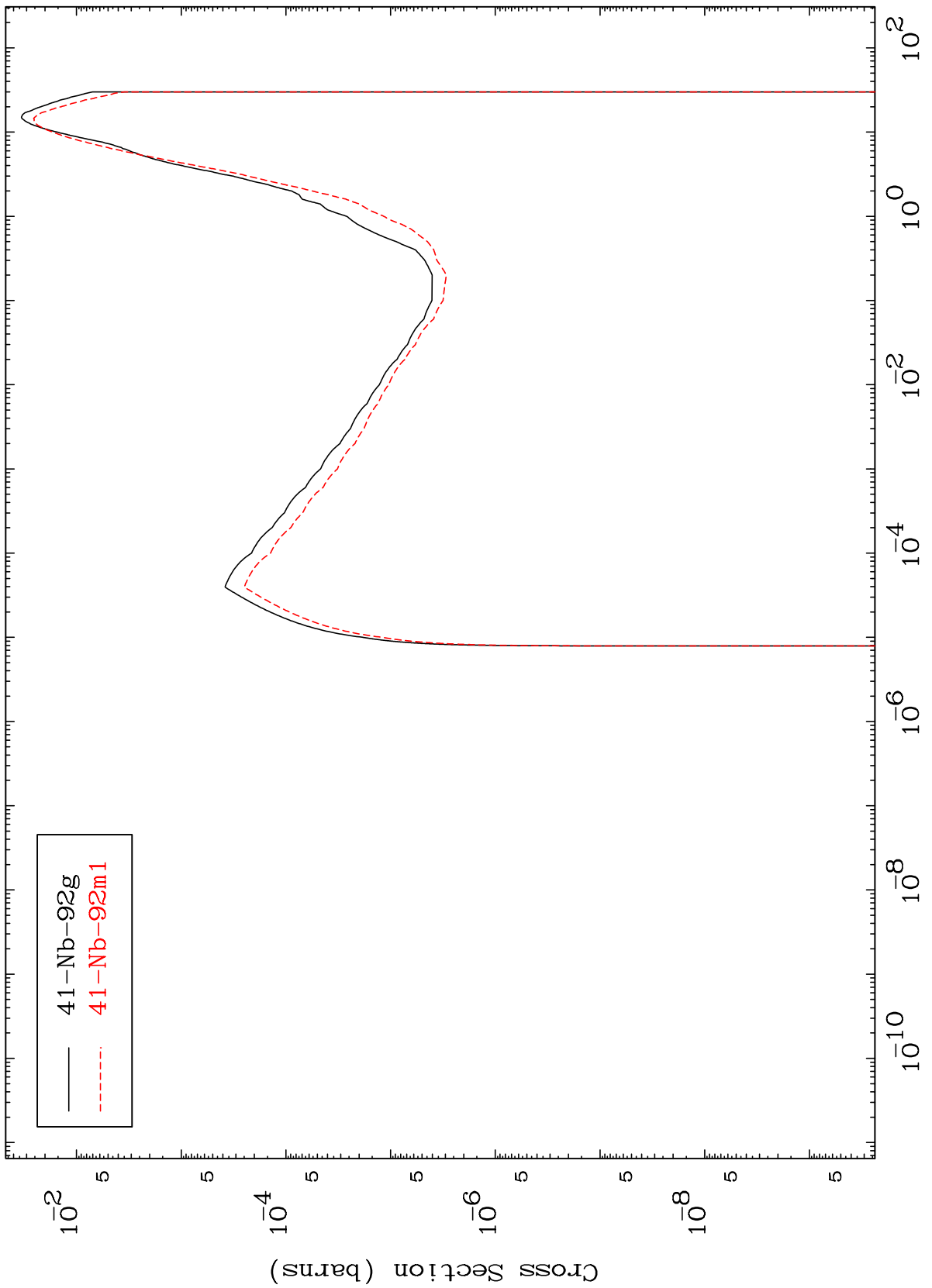
Incident Energy (MeV)

43-Tc-95

MAT 4313

43-Tc-95

(n, α)
Radionuclide Production Cross Section



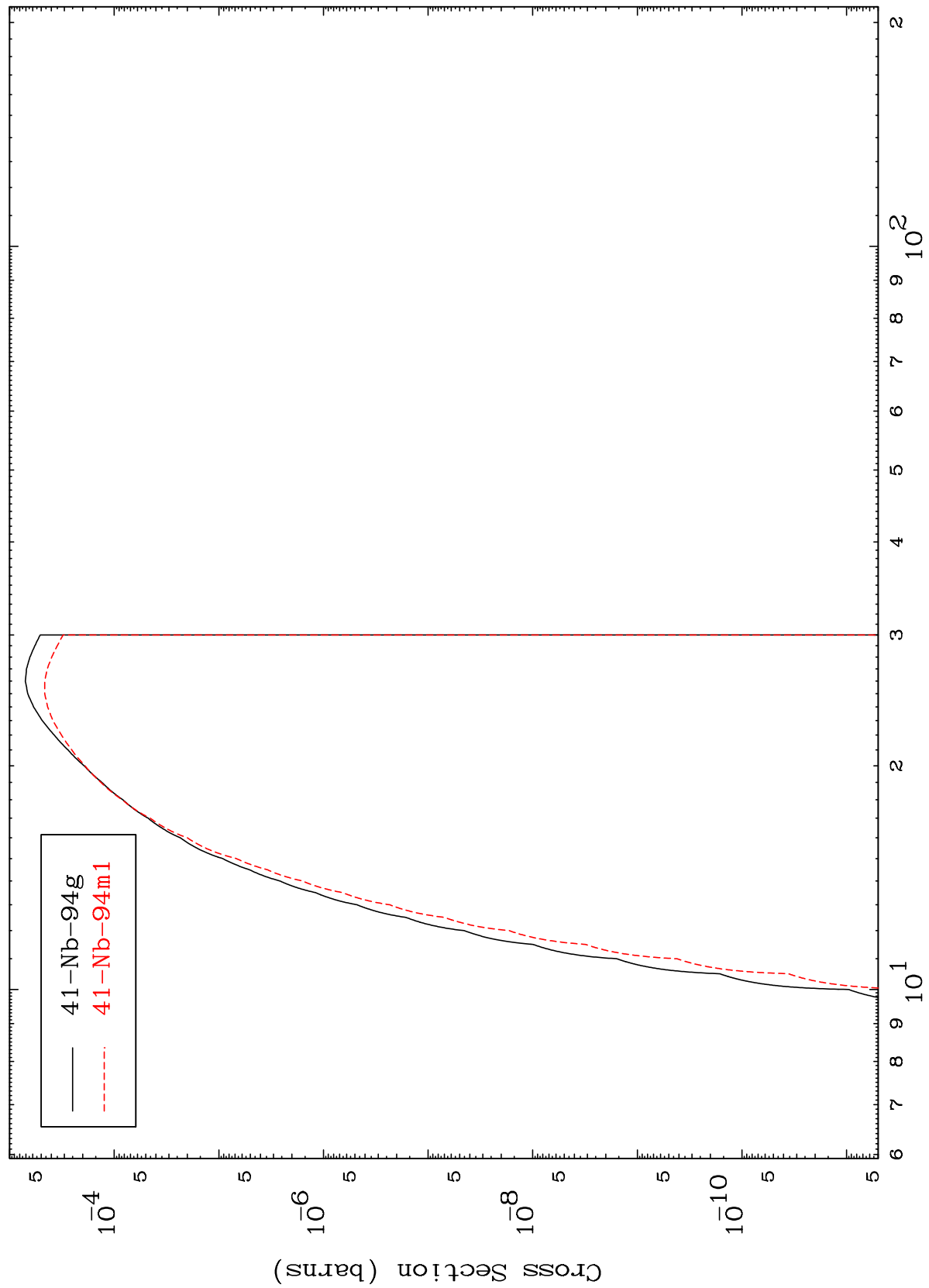
143

43-Tc-95

MAT 4313

43-Tc-95

(n,2p)
Radionuclide Production Cross Section



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

144

Incident Energy (MeV)

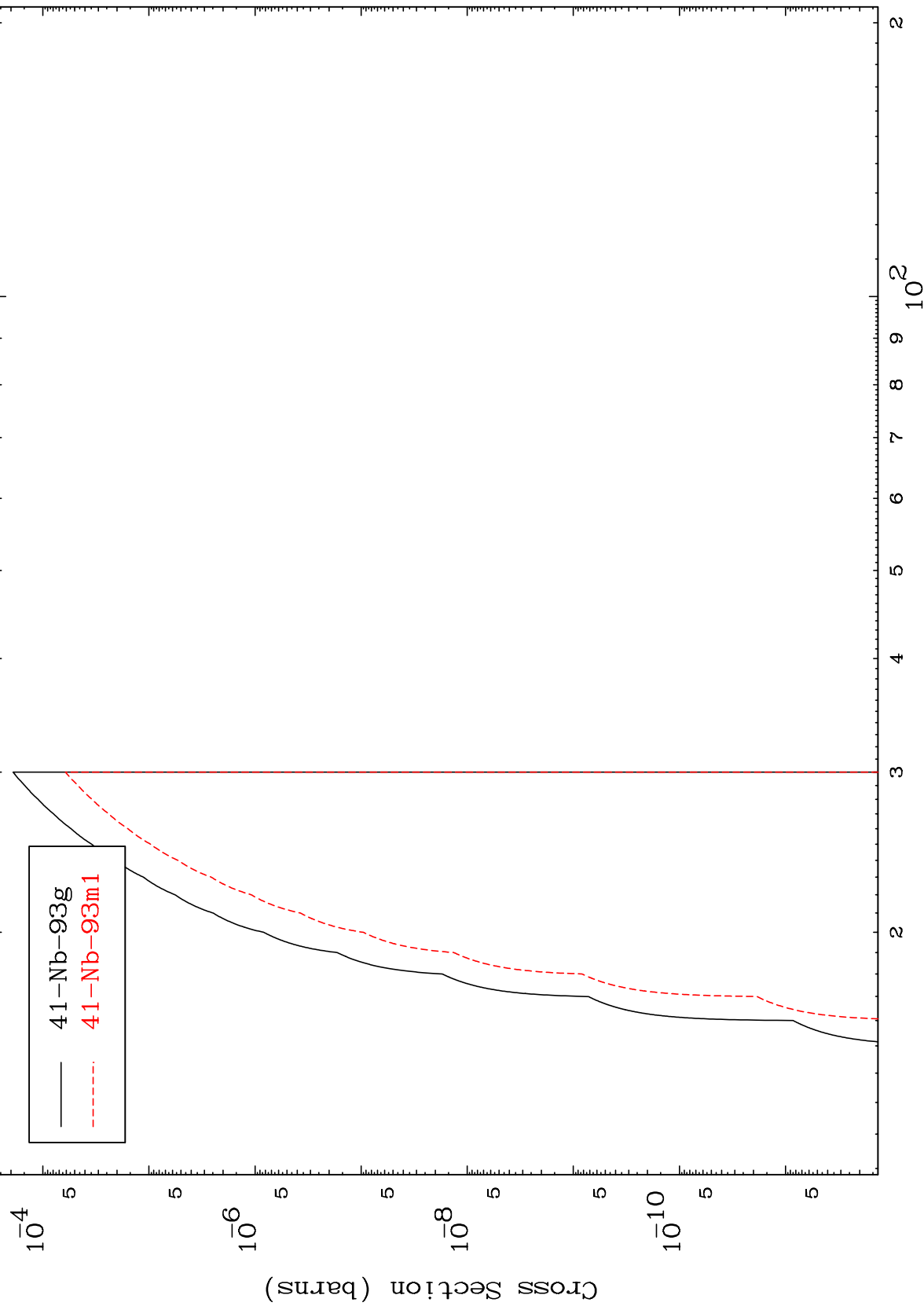
43-Tc-95

MAT 4313

(n,p) d

43-Tc-95

Radionuclide Production Cross Section



145

Incident Energy (MeV)

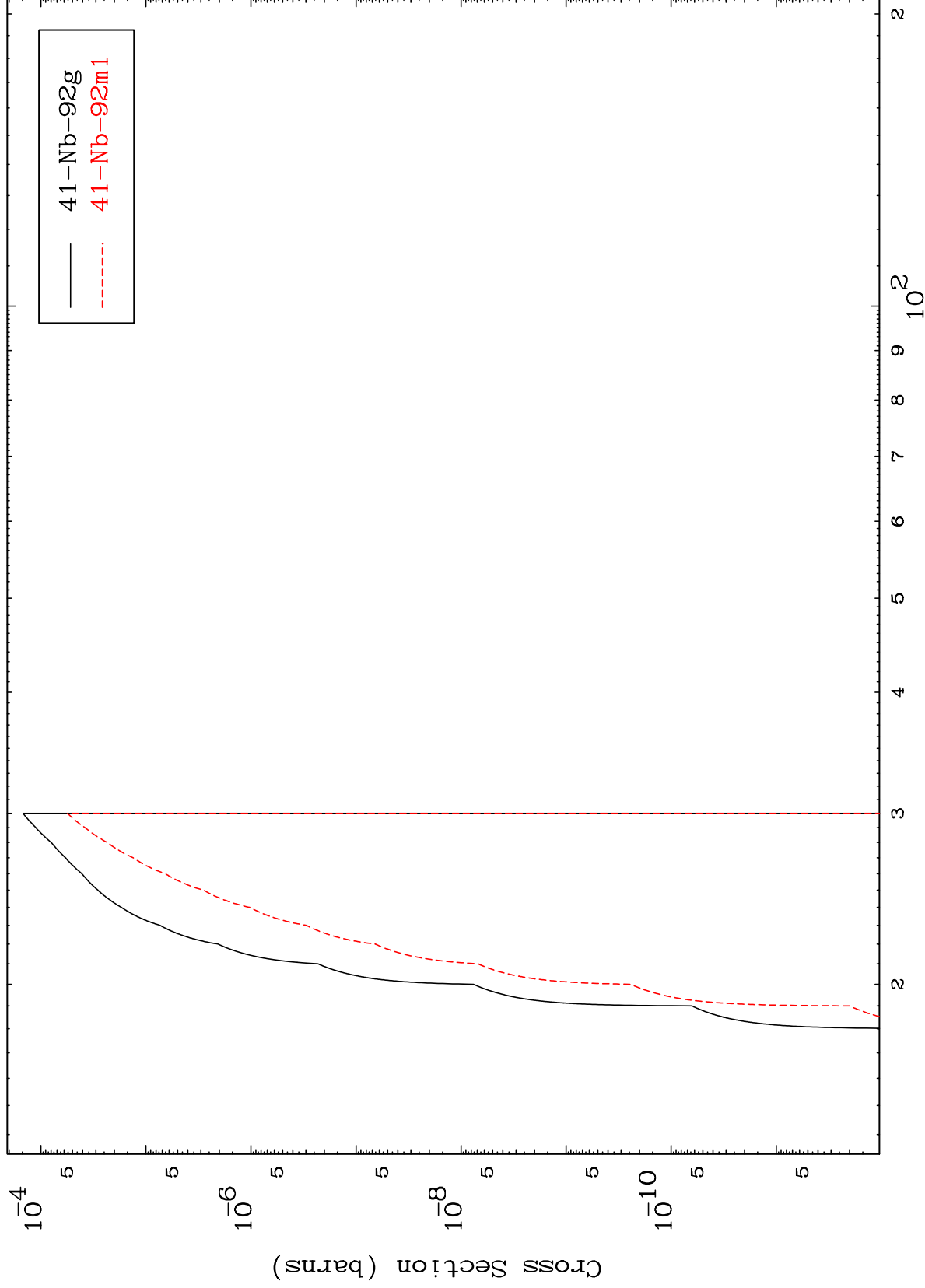
43-Tc-95

MAT 4313

(n,p) t

43-Tc-95

Radionuclide Production Cross Section



146

Incident Energy (MeV)

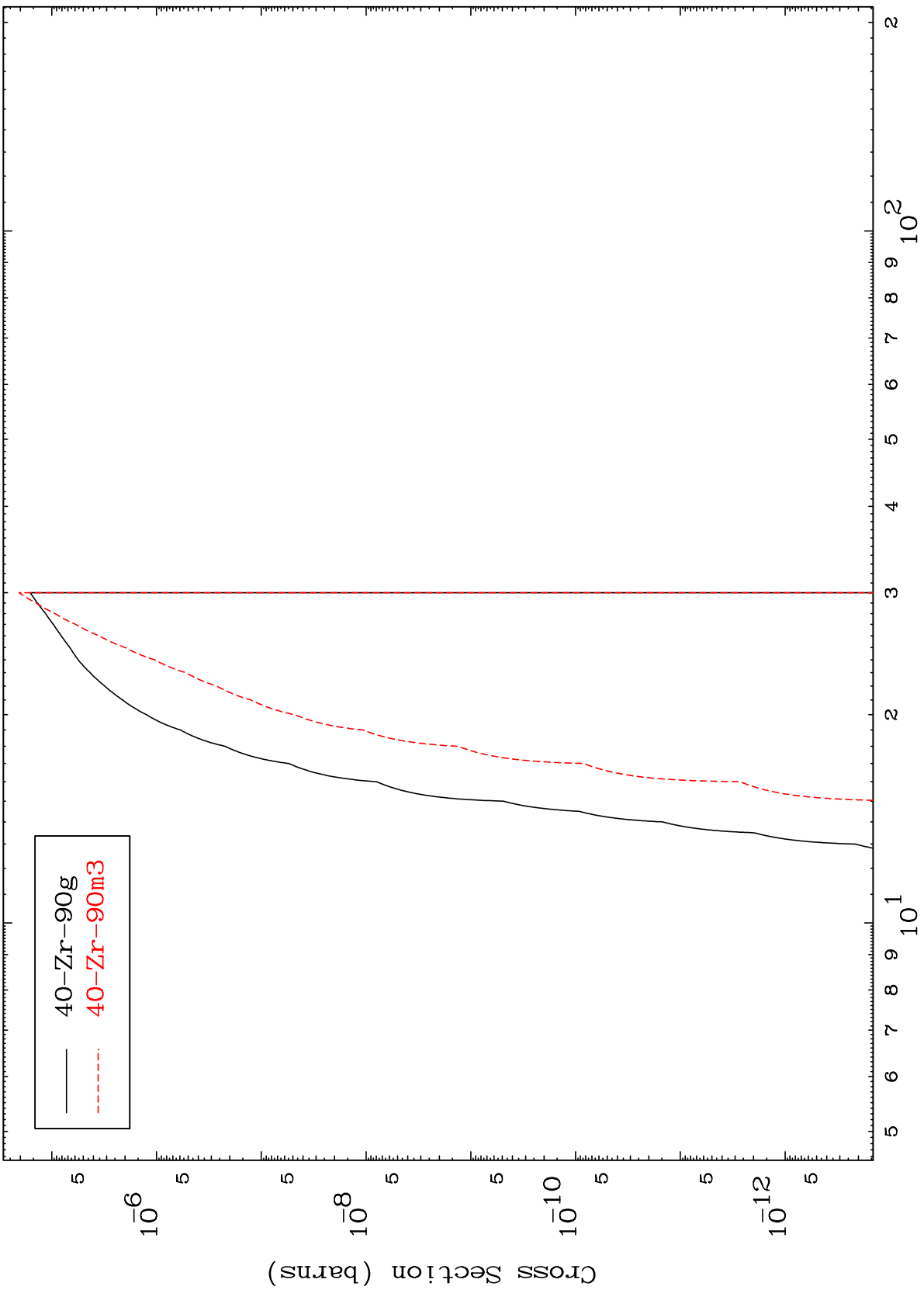
43-Tc-95

MAT 4313

(n,d) α

43-Tc-95

Radionuclide Production Cross Section



40-Zr-90g
40-Zr-90m3

147

Incident Energy (MeV)

43-Tc-95