

Program EVALPLOT
(Version 2018-1)

by

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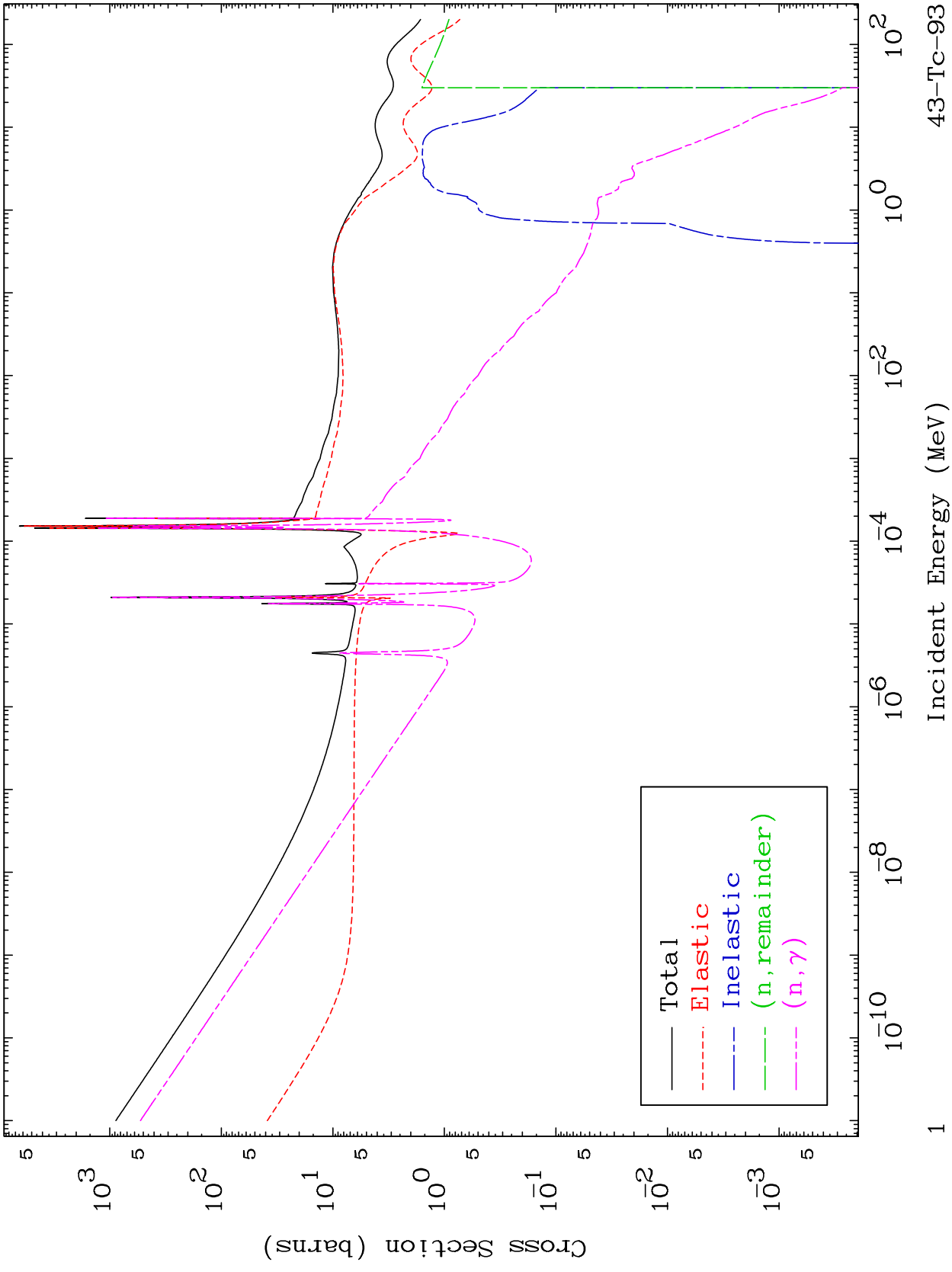
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4307

Major
293 Kelvin Cross Sections

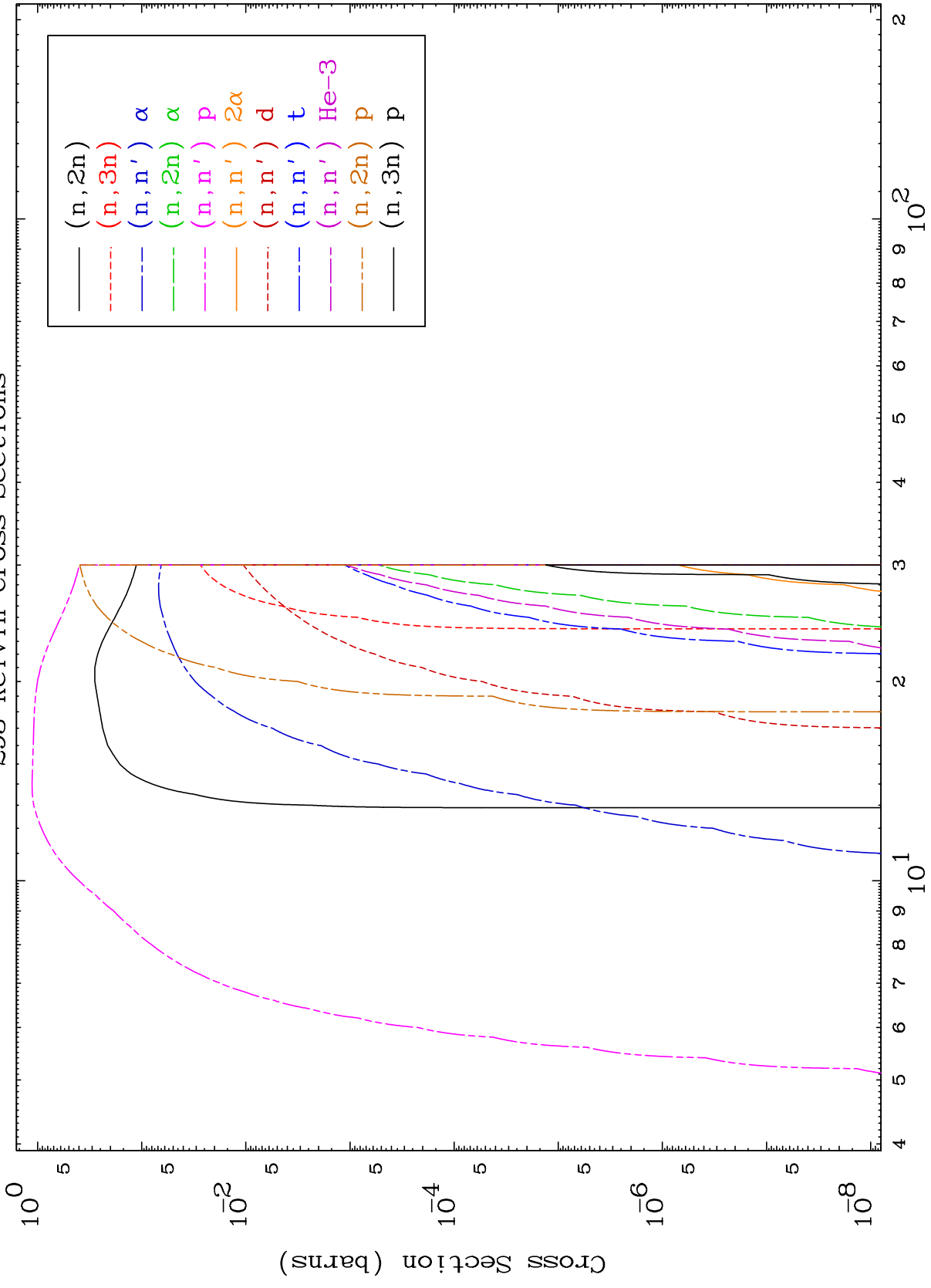
43-Tc-93



MAT 4307

Neutron Production 293 Kelvin Cross Sections

43-Tc-93



2

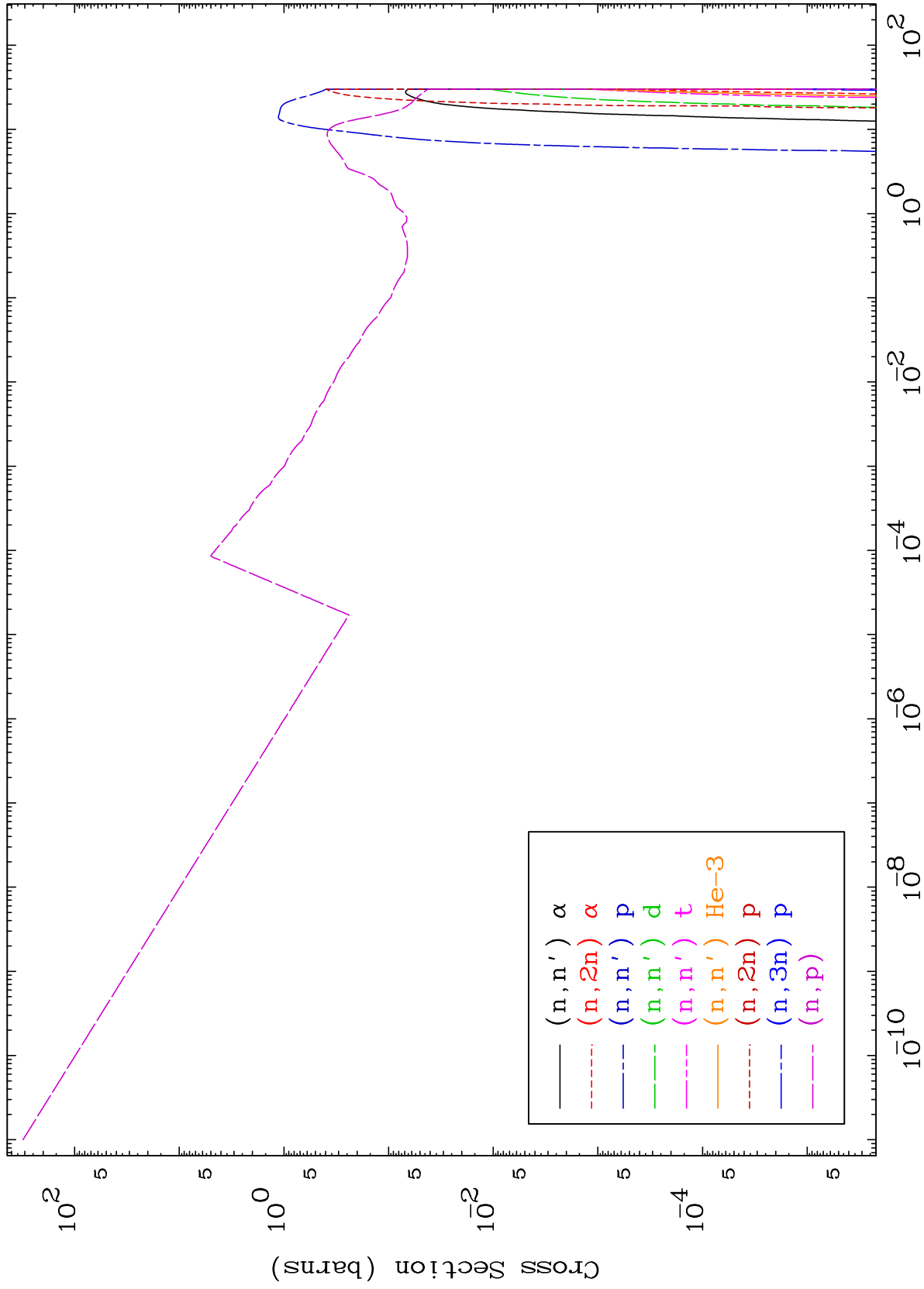
Incident Energy (MeV)

43-Tc-93

MAT 4307

Charged Particle
293 Kelvin Cross Sections

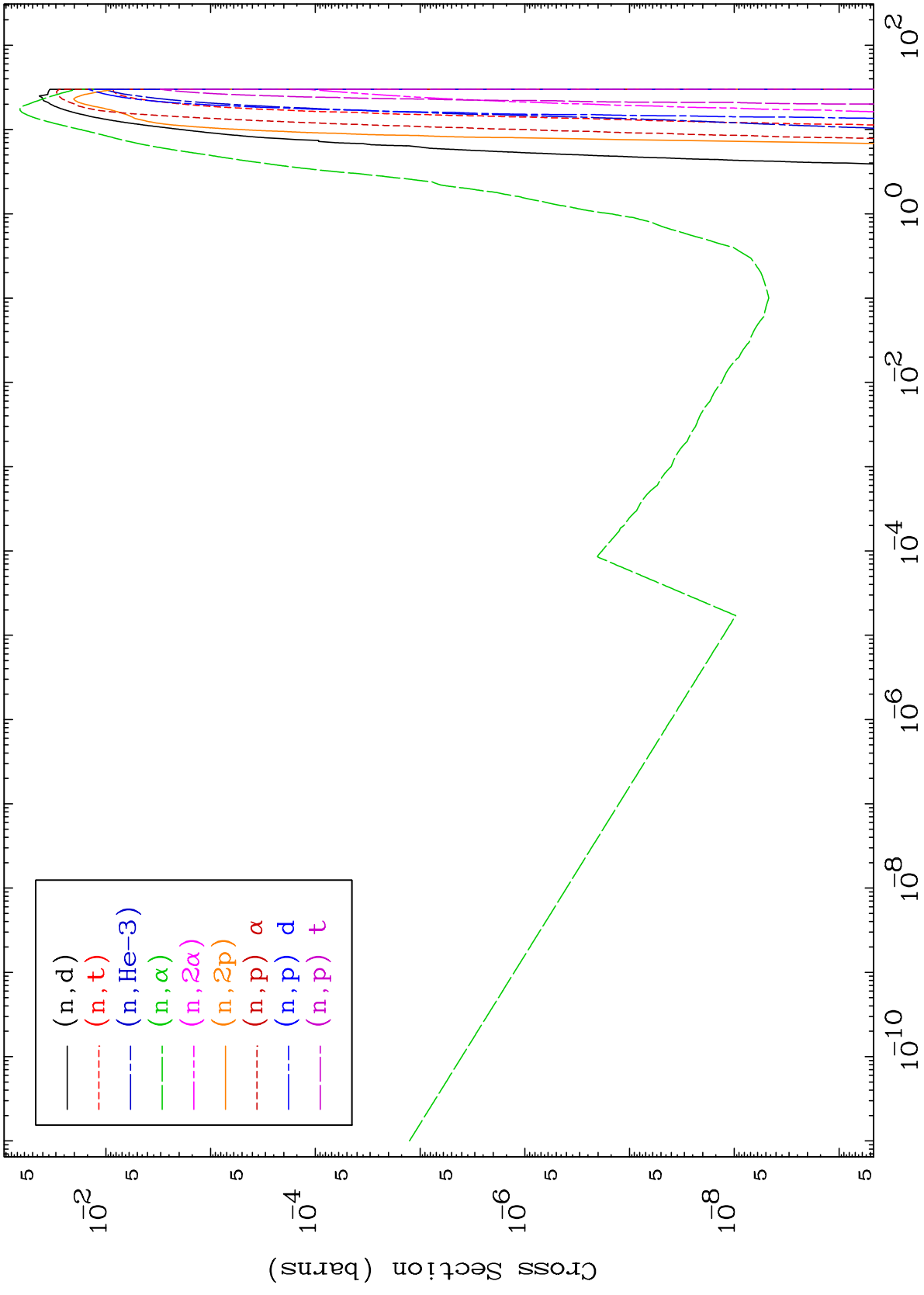
43-Tc-93



MAT 4307

Charged Particle
293 Kelvin Cross Sections

43-Tc-93

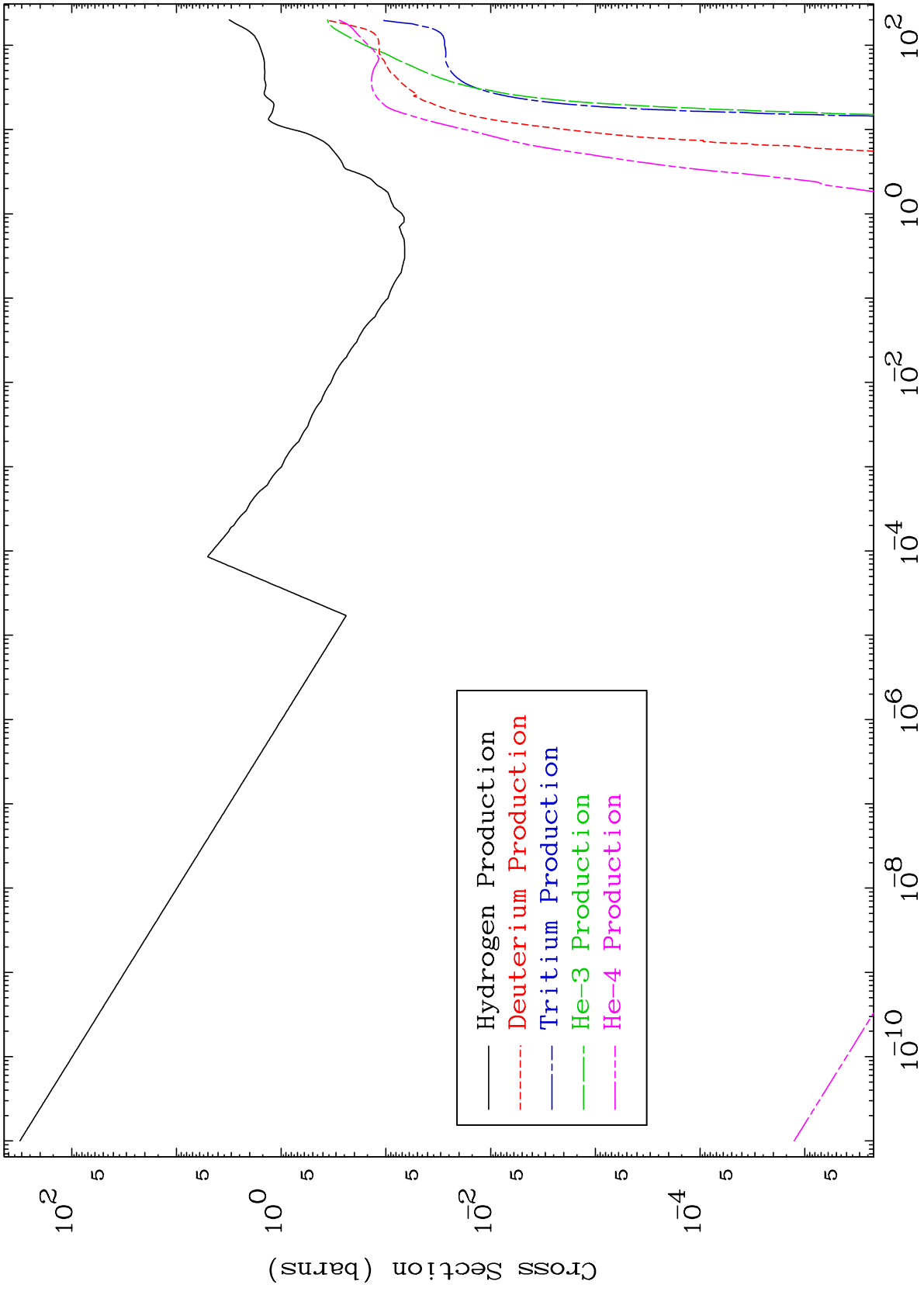


43-Tc-93

MAT 4307

Particle Production
293 Kelvin Cross Sections

43-Tc-93



5

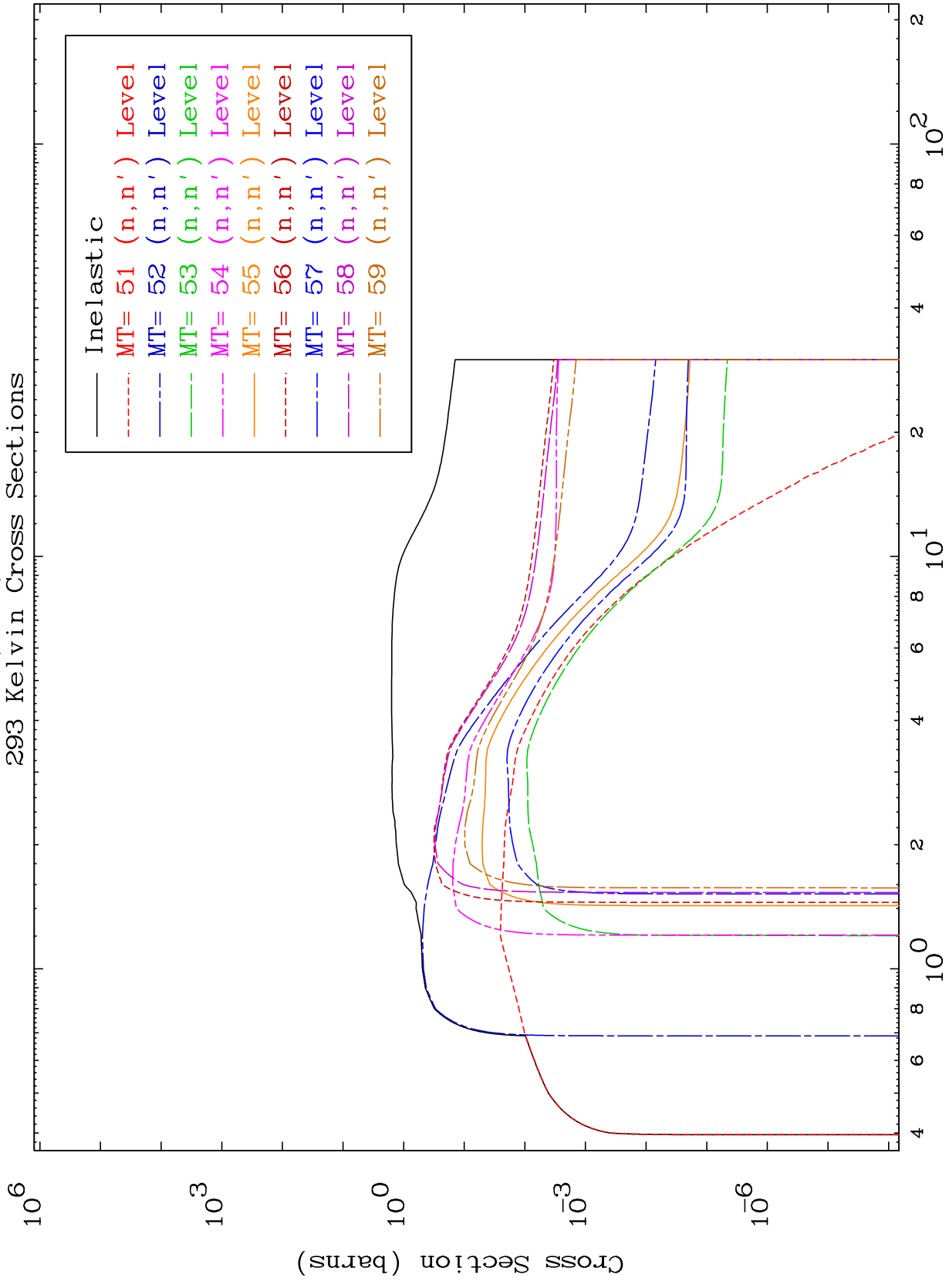
Incident Energy (MeV)

43-Tc-93

MAT 4307

(n,n') Level
293 Kelvin Cross Sections

43-Tc-93



6

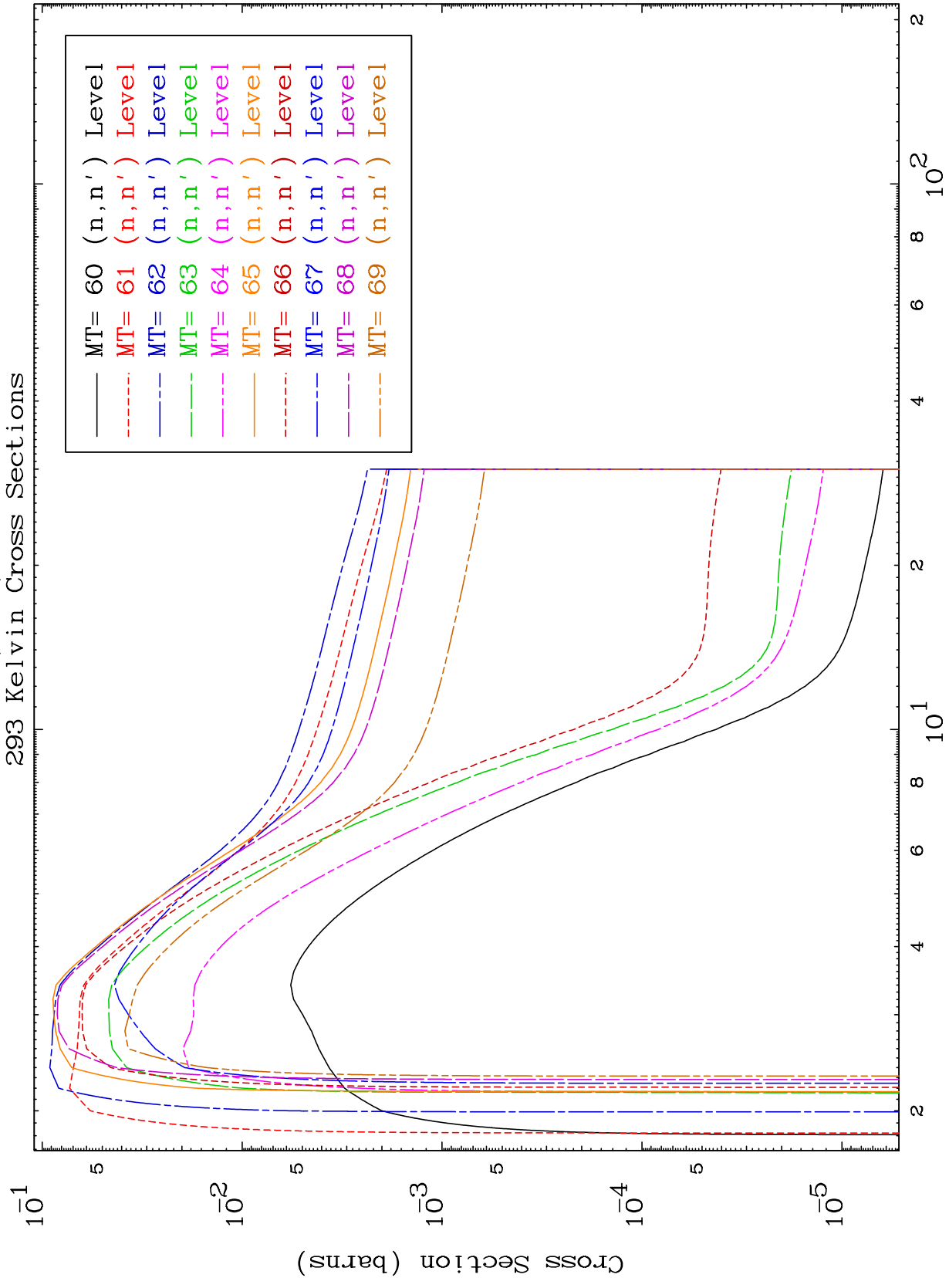
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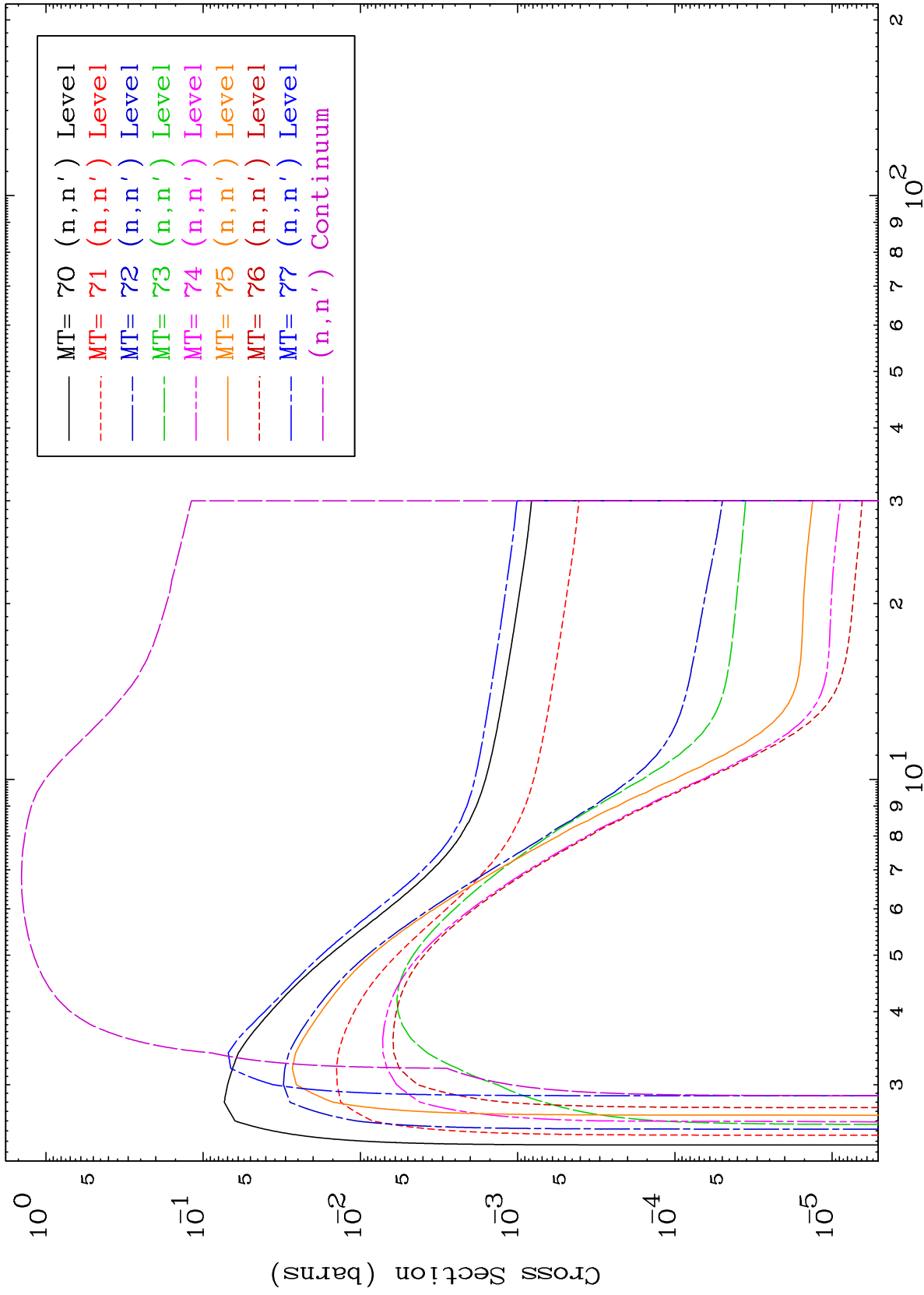
MAT 4307

(n,n') Level

43-Tc-93



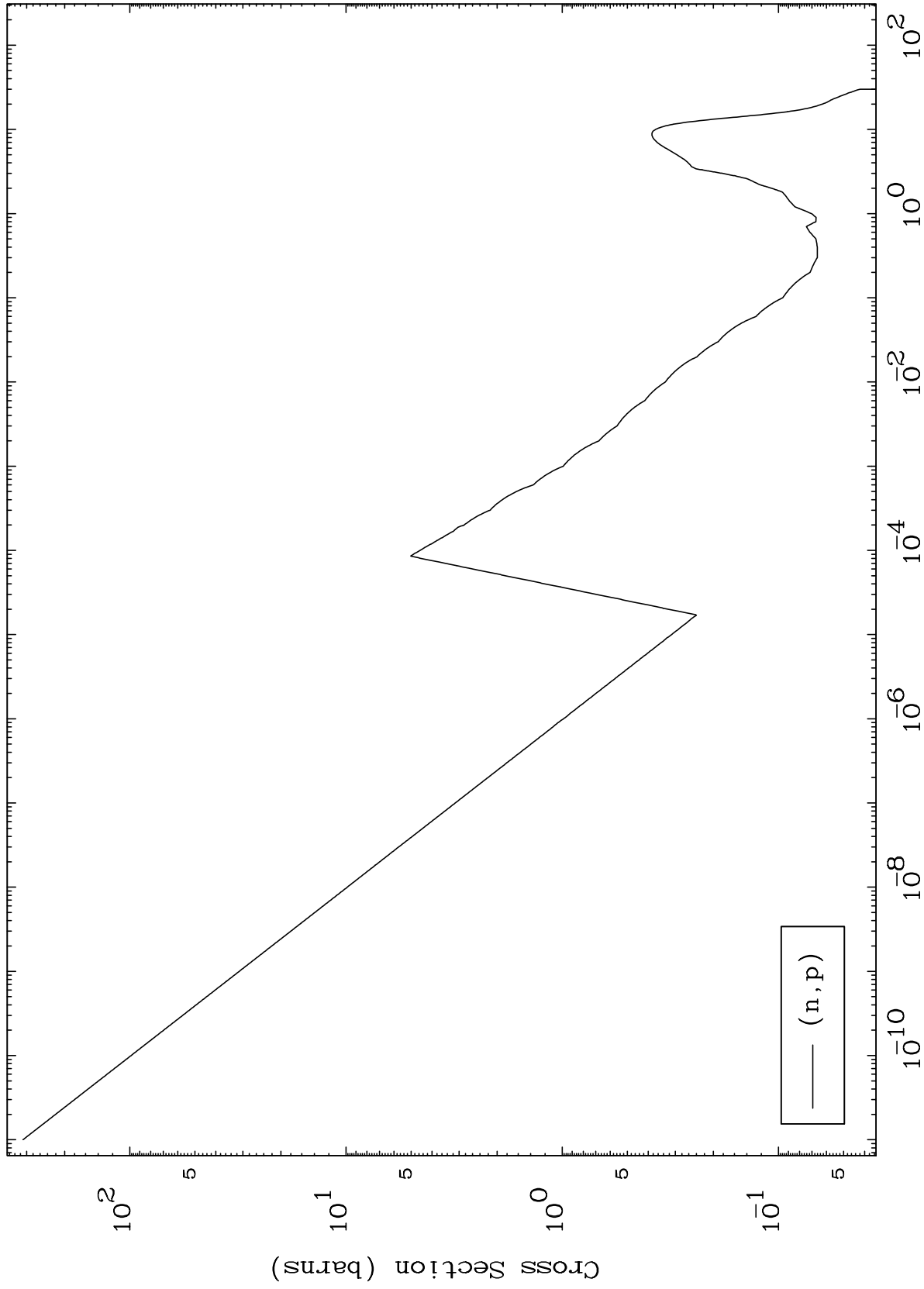
43-Tc-93



MAT 4307

(n,p) Levels
293 Kelvin Cross Sections

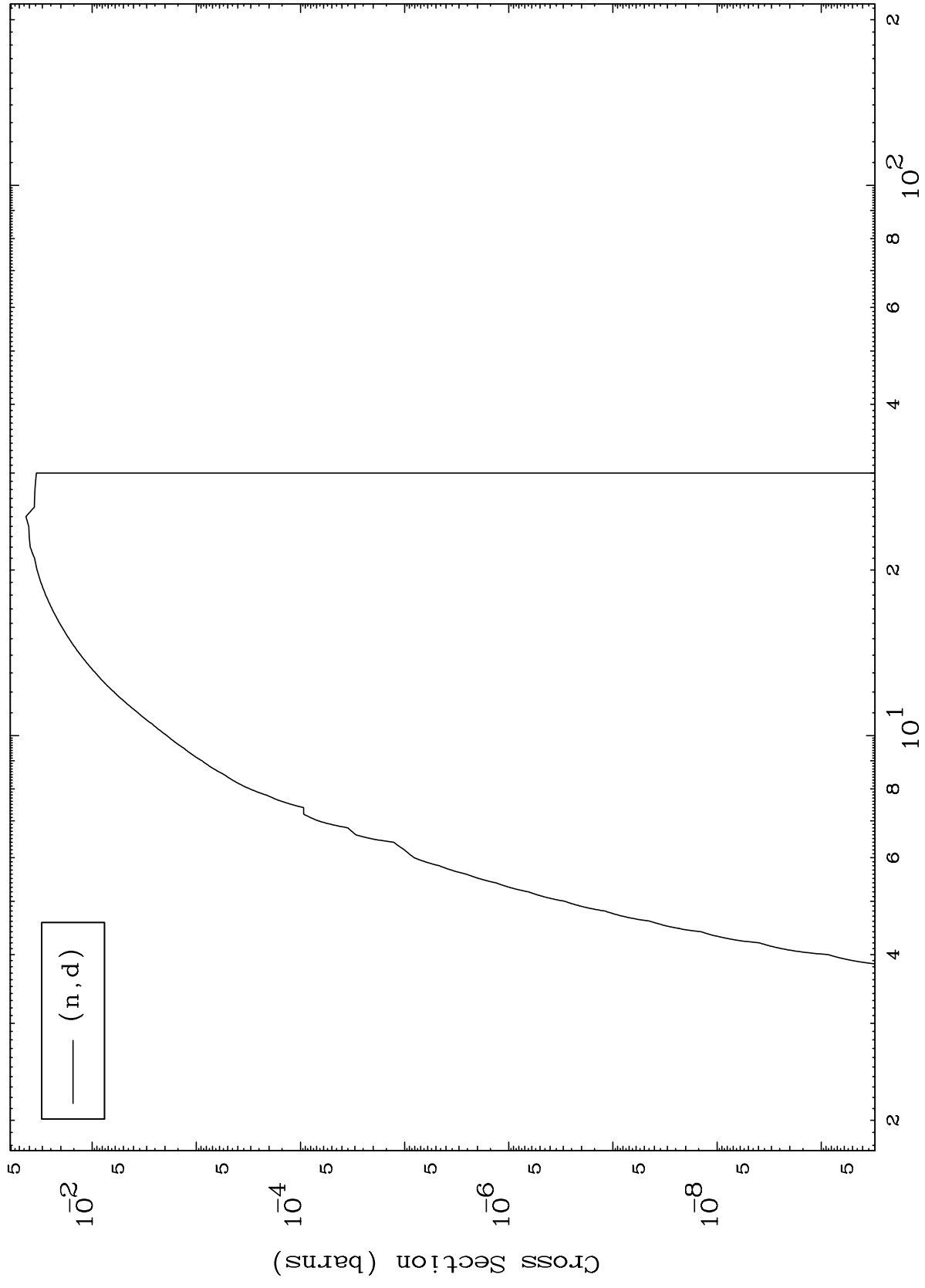
43-Tc-93



MAT 4307

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-93



10

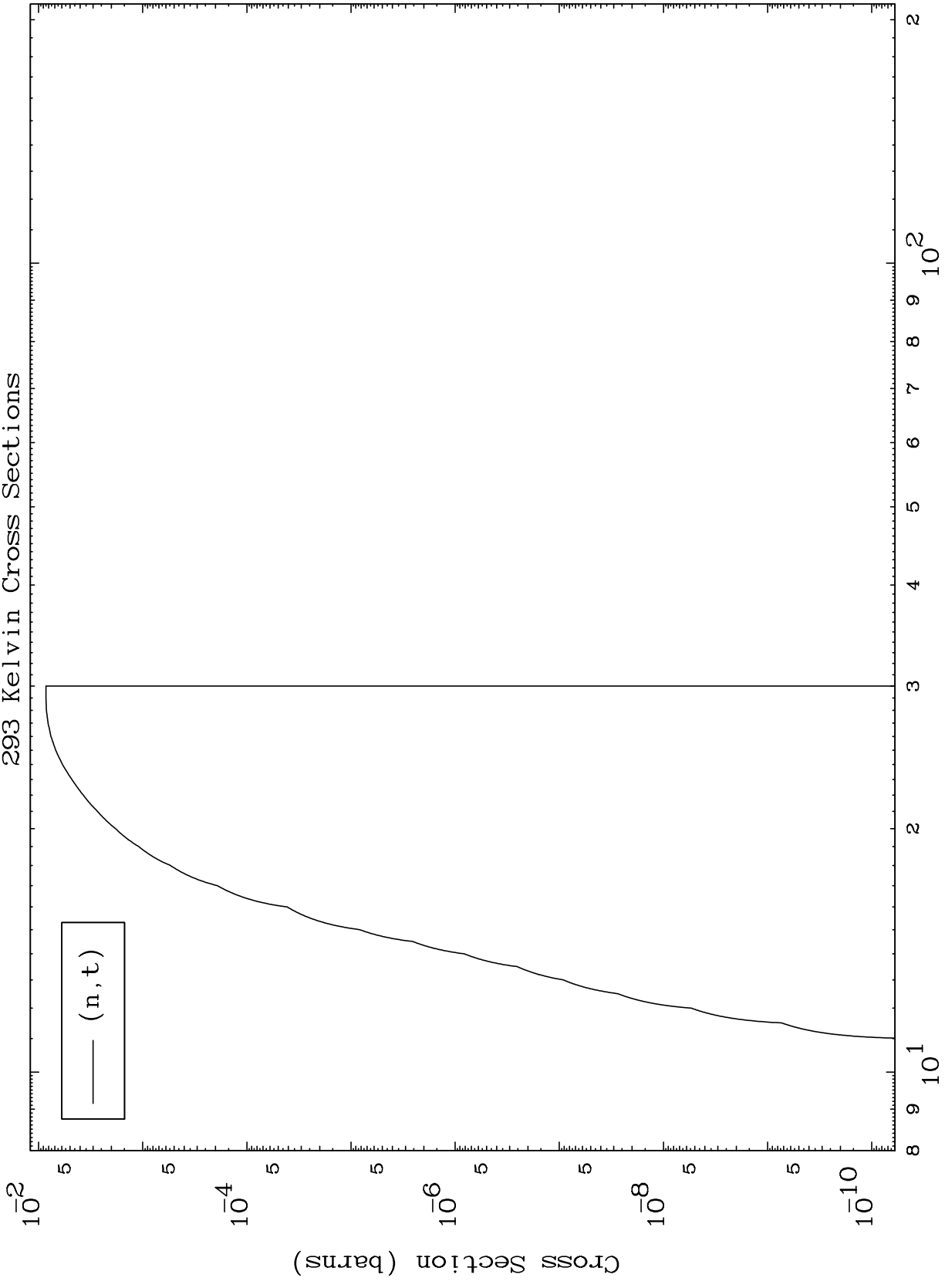
Incident Energy (MeV)

43-Tc-93

MAT 4307

43-Tc-93

(n,t) Levels
293 Kelvin Cross Sections



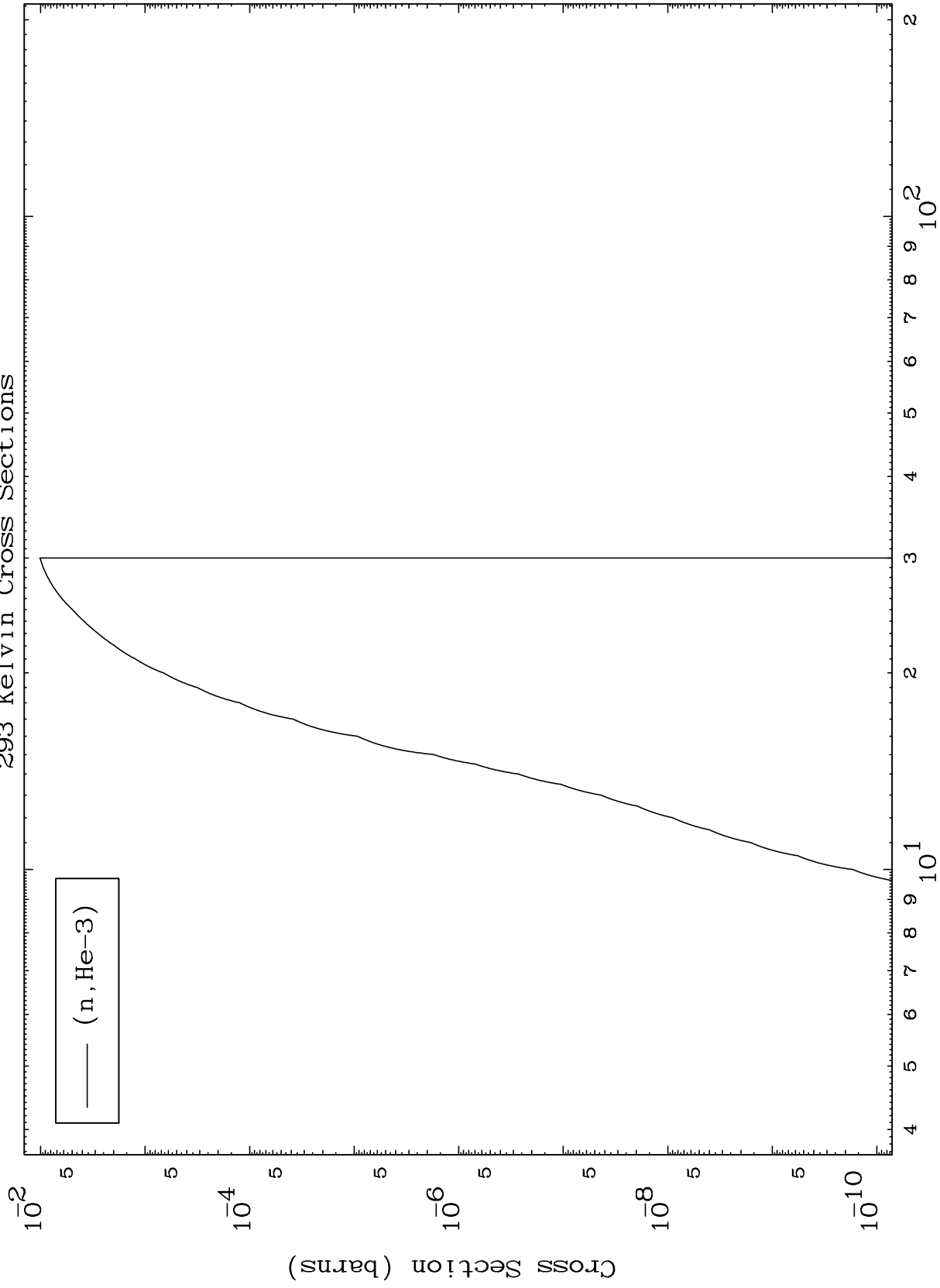
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43-Tc-93

MAT 4307

(n,He3) Levels
293 Kelvin Cross Sections

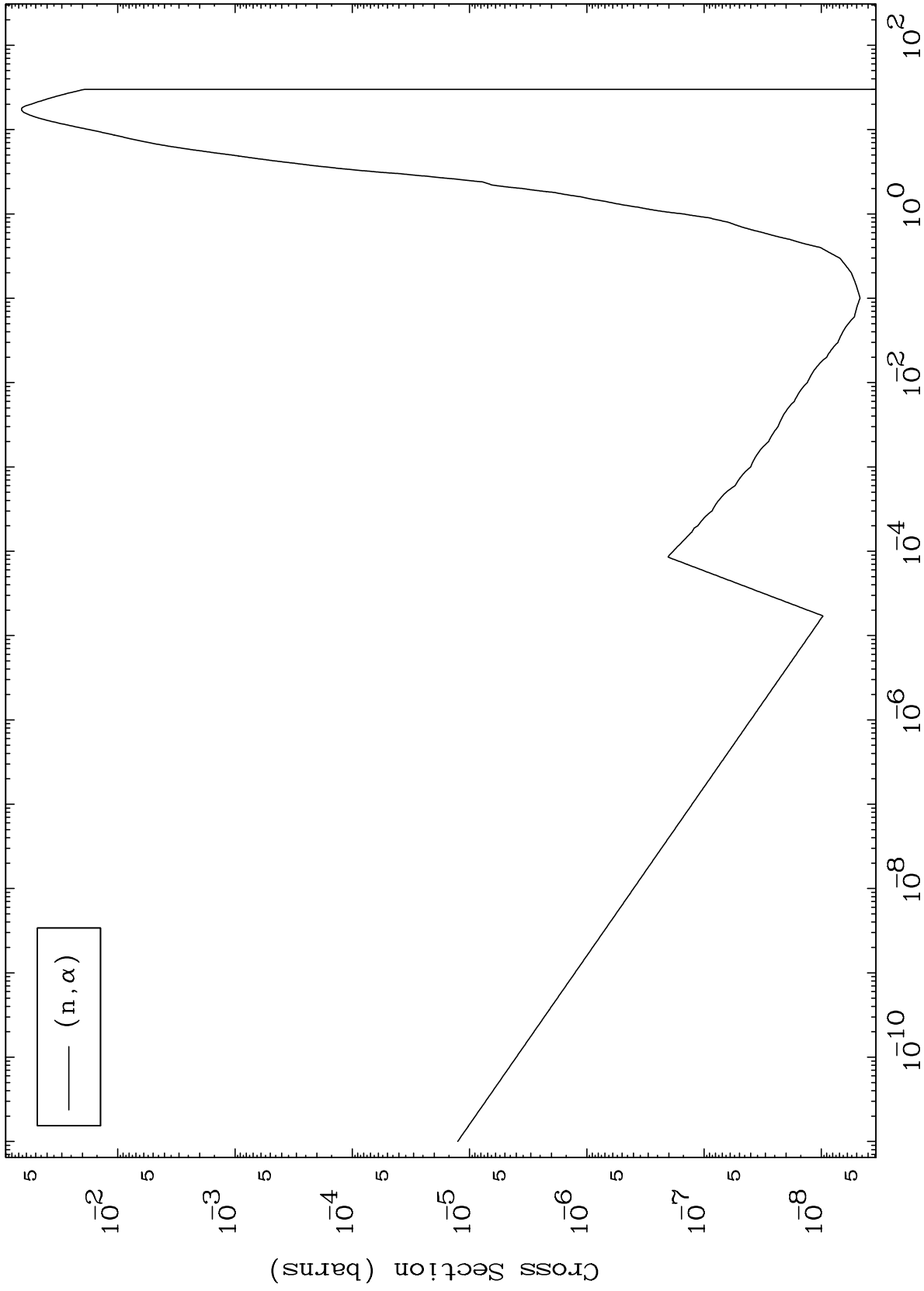
43-Tc-93



MAT 4307

(n,α) Levels
293 Kelvin Cross Sections

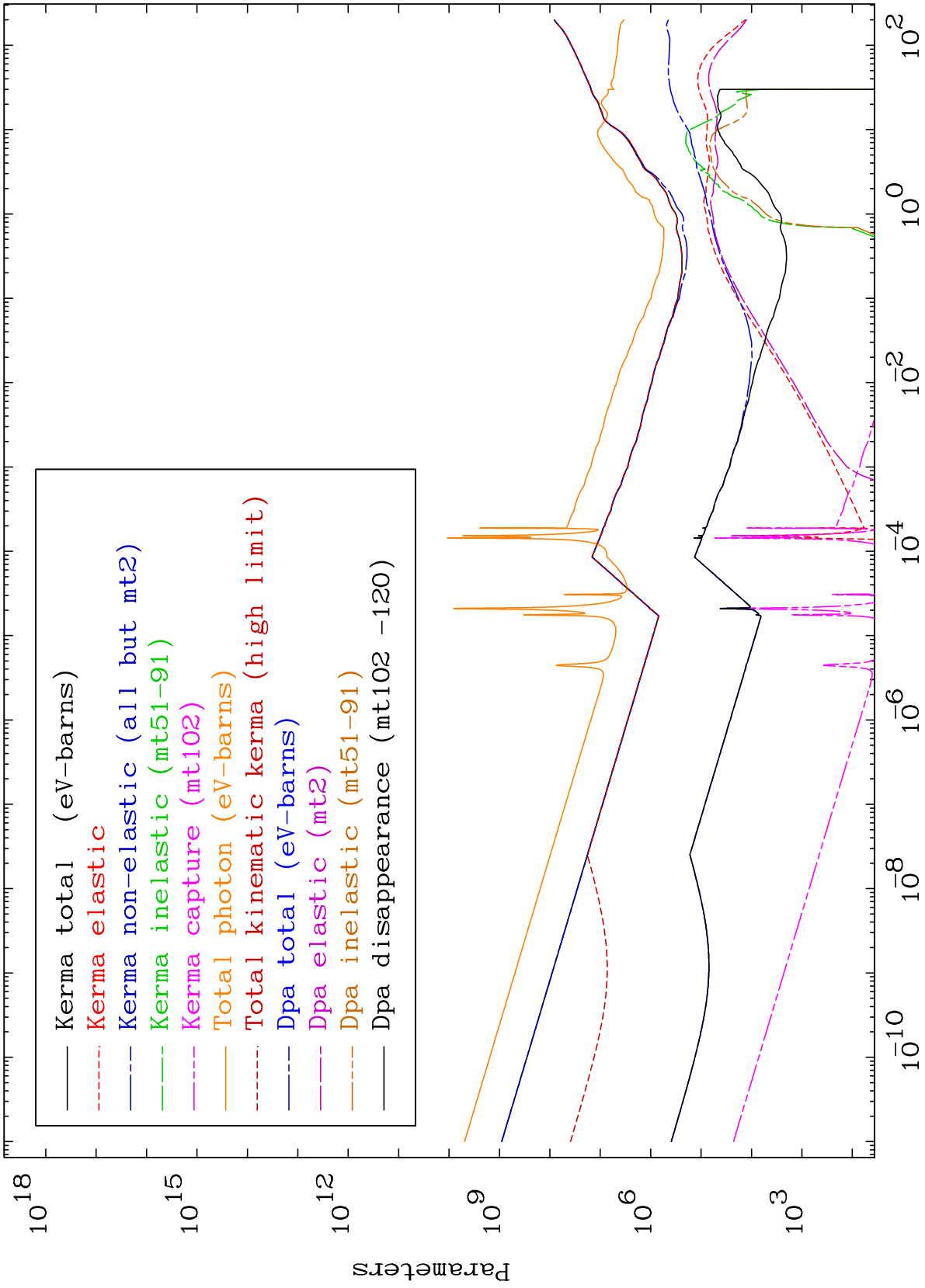
43-Tc-93



13

Incident Energy (MeV)

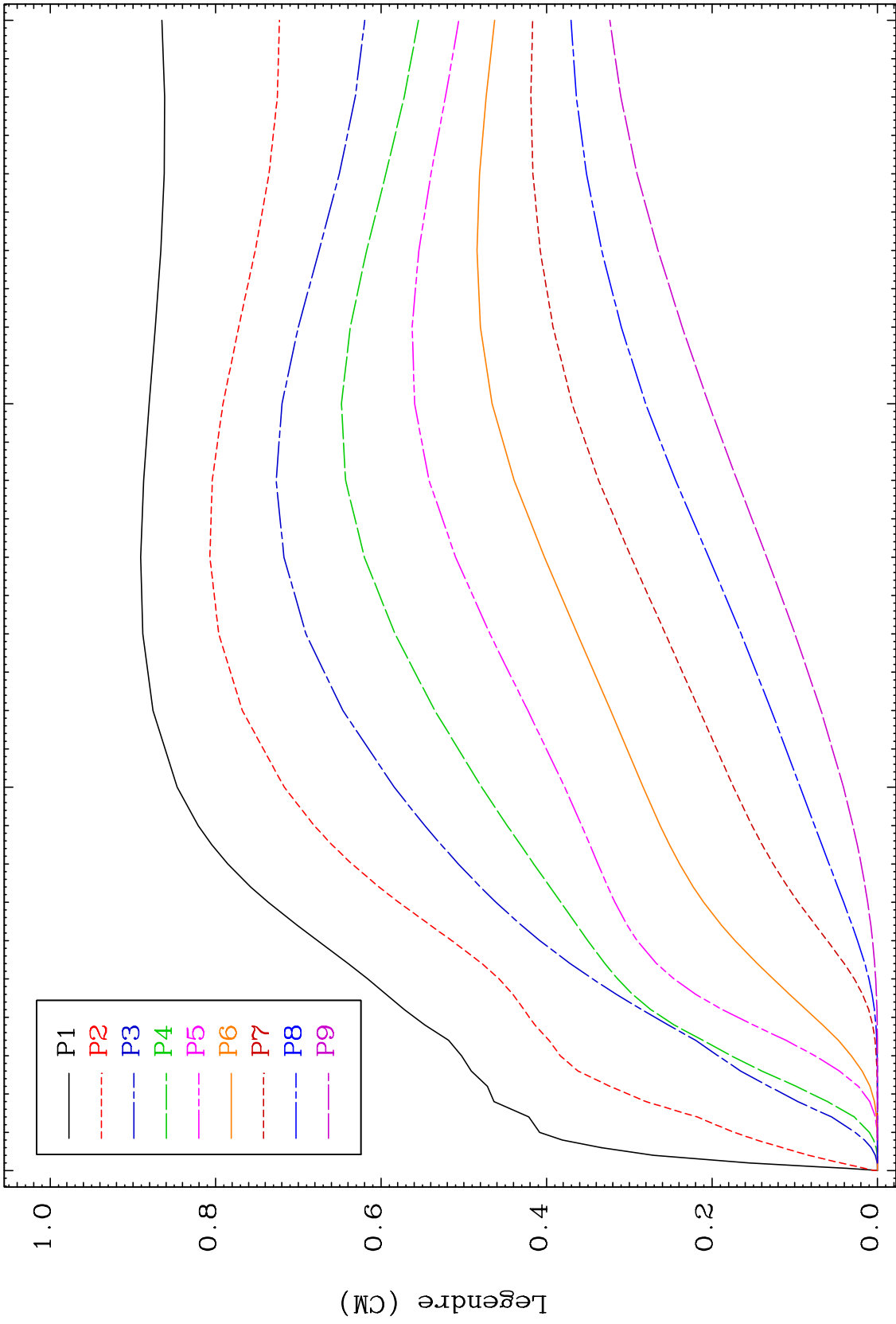
43-Tc-93



MAT 4307

Elastic Legendre Coefficients

43-Tc-93



15

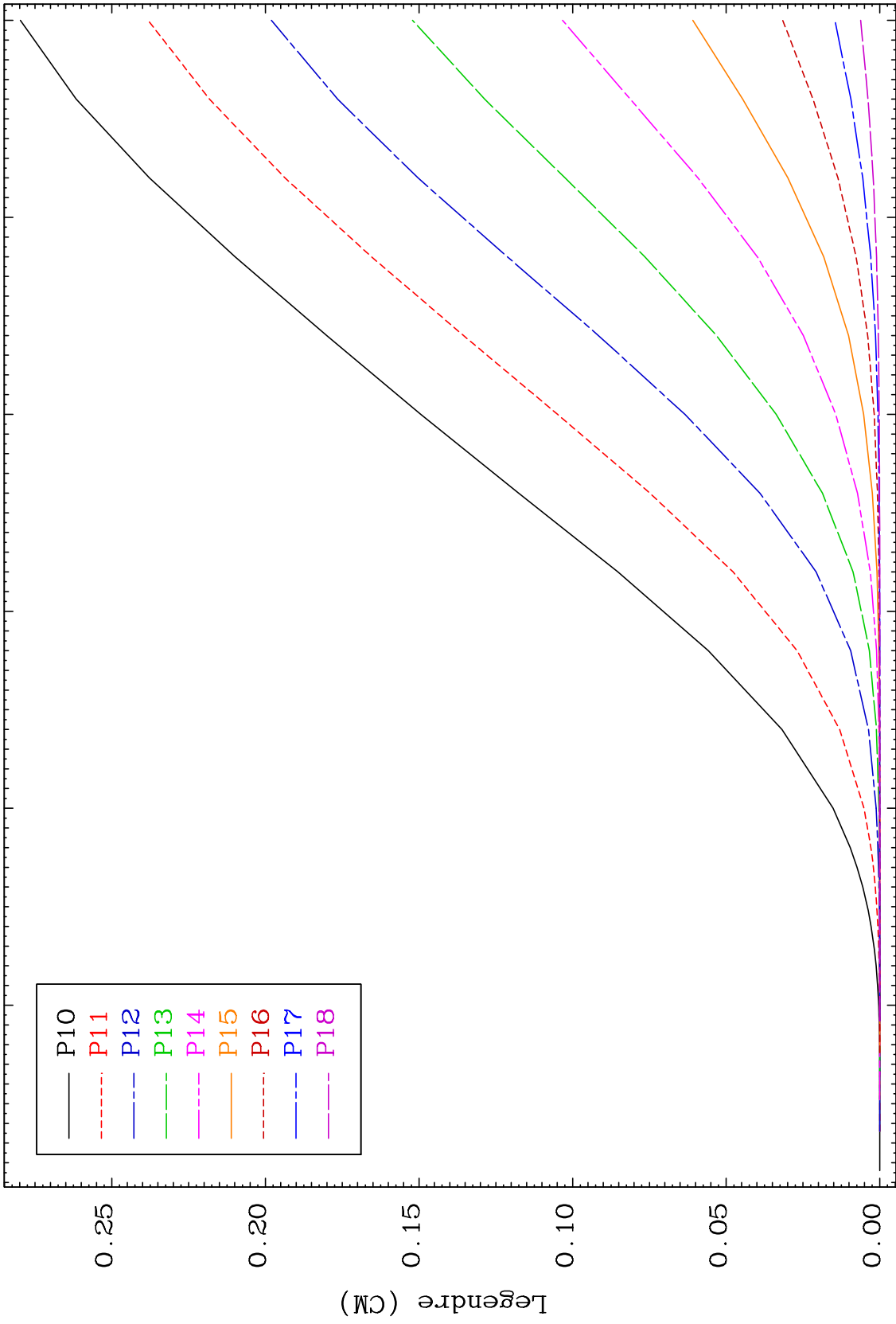
Incident Energy (MeV)

43-Tc-93

MAT 4307

Elastic Legendre Coefficients

43-Tc-93



16

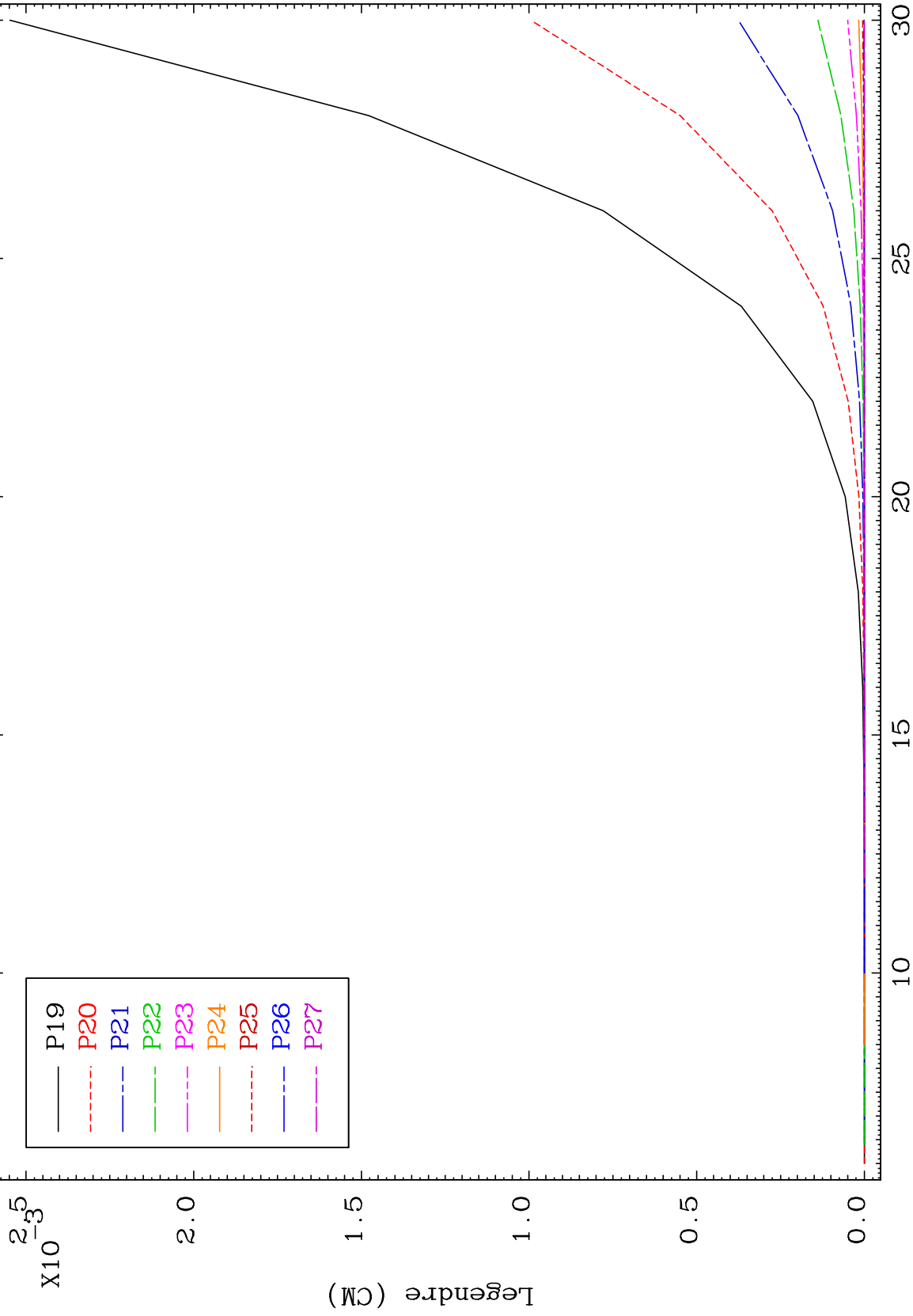
Incident Energy (MeV)

43-Tc-93

MAT 4307

Elastic Legendre Coefficients

43-Tc-93



17

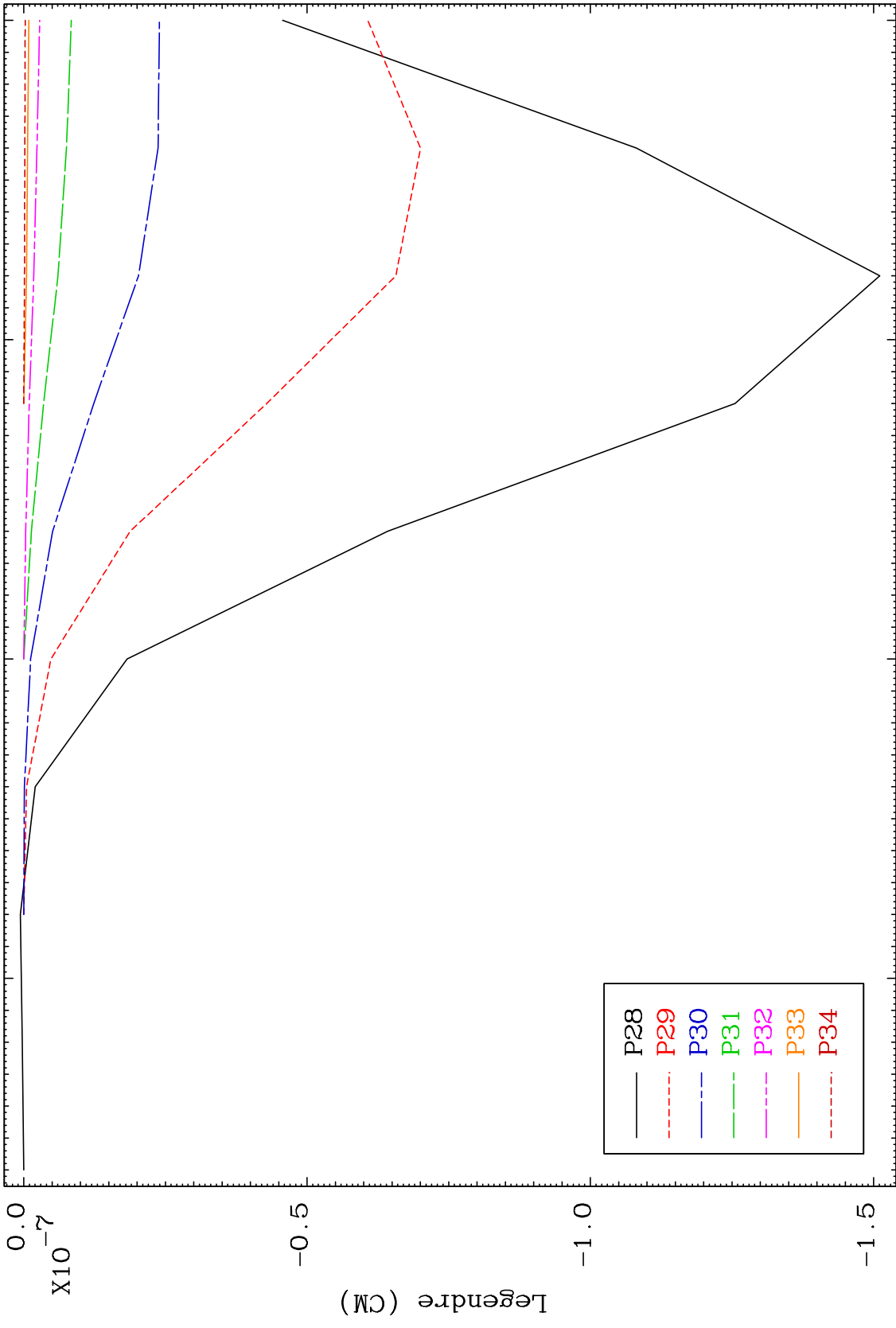
Incident Energy (MeV)

43-Tc-93

MAT 4307

43-Tc-93

Elastic Legendre Coefficients



18

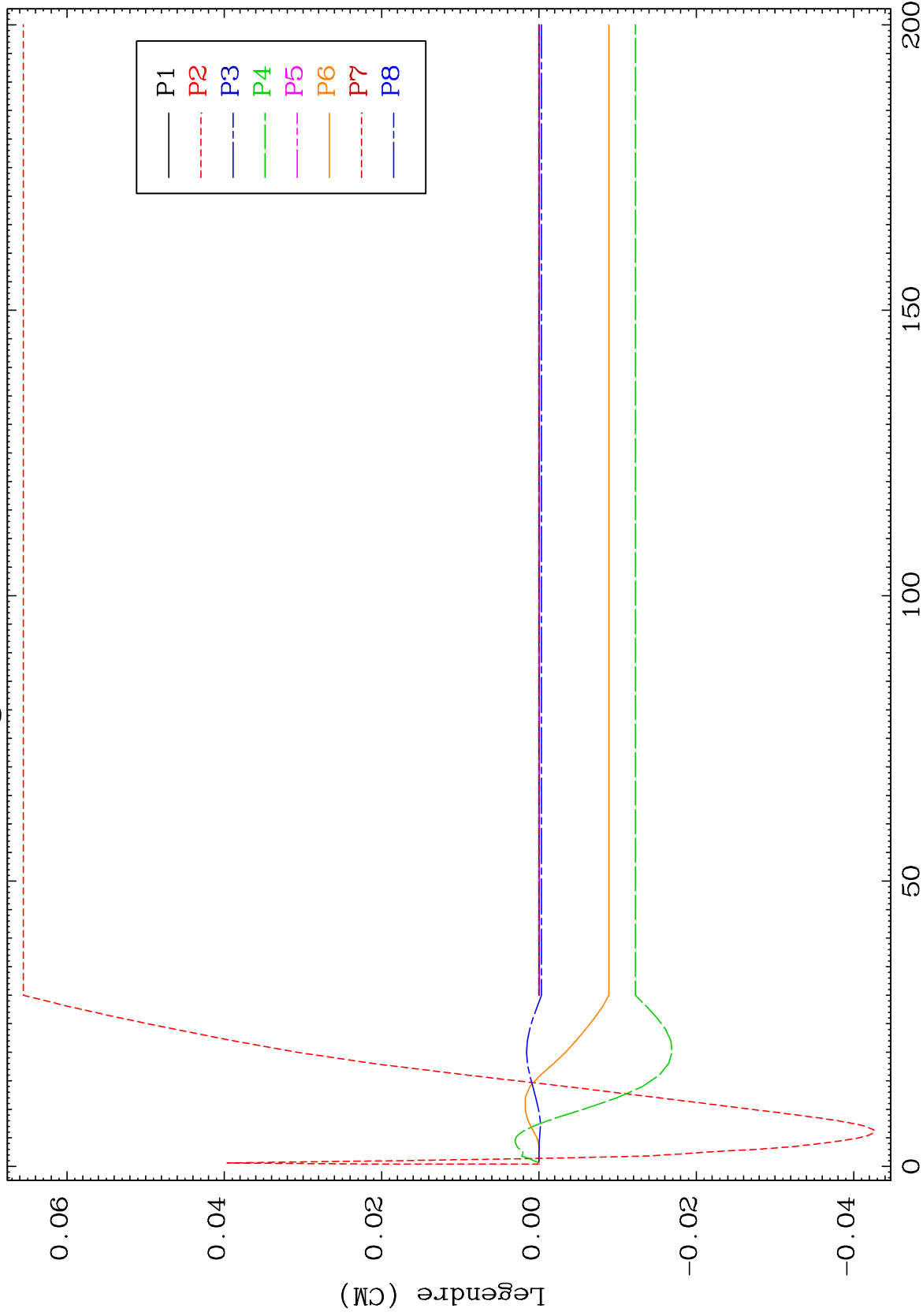
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



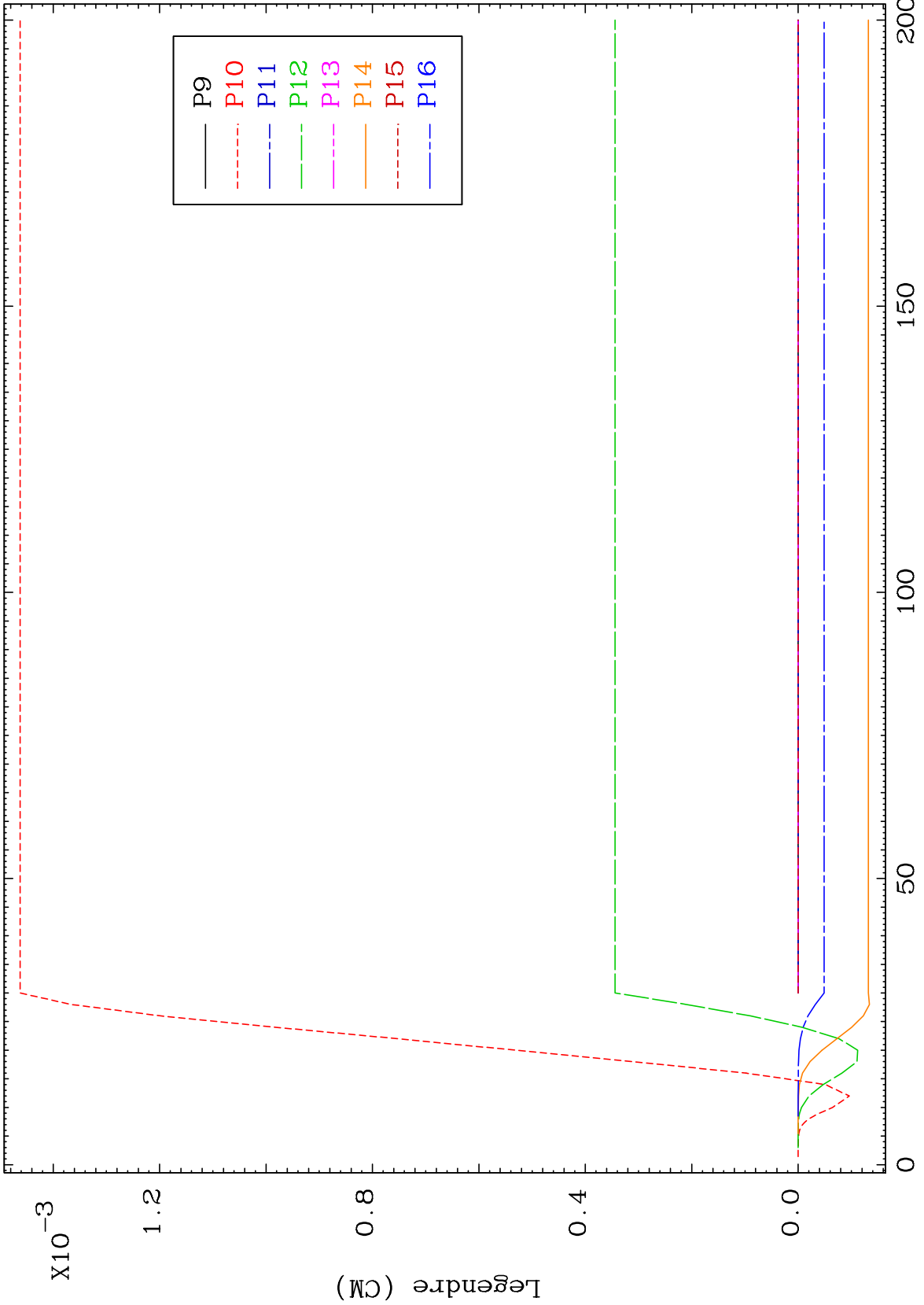
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43-Tc-93

MAT 4307

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

43-Tc-93



43-Tc-93

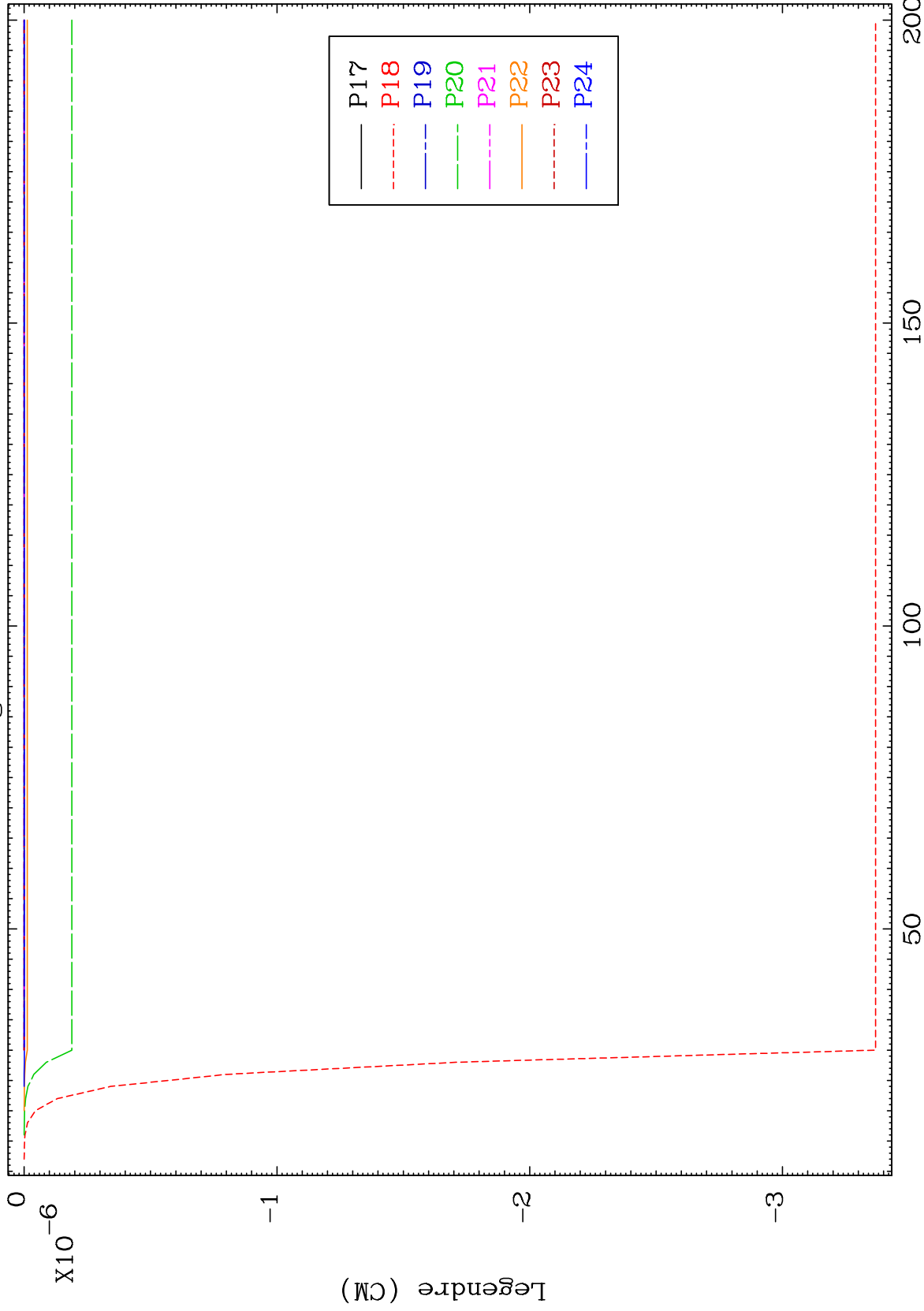
Incident Energy (MeV)

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MAT 4307

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

43-Tc-93



21

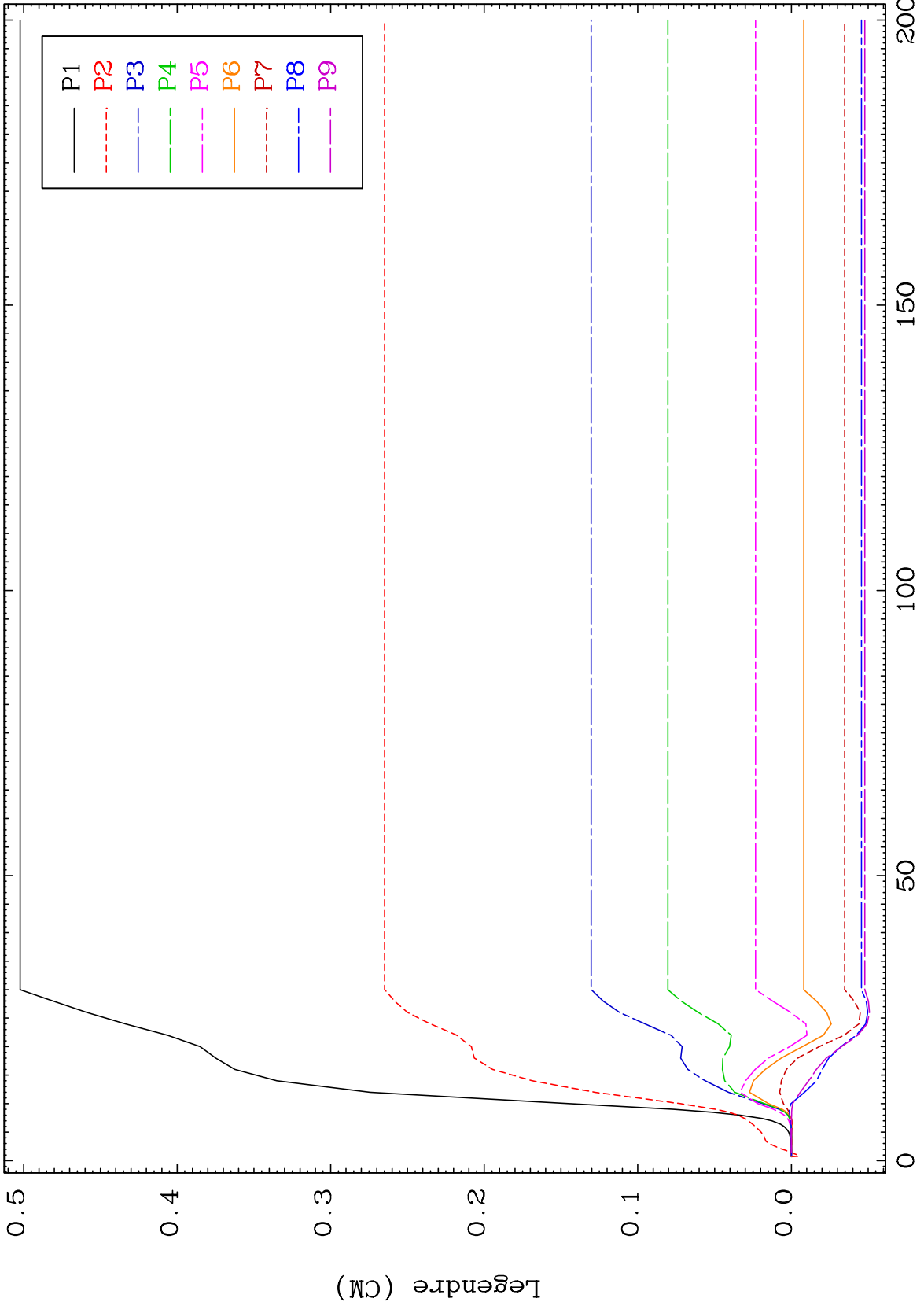
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



22

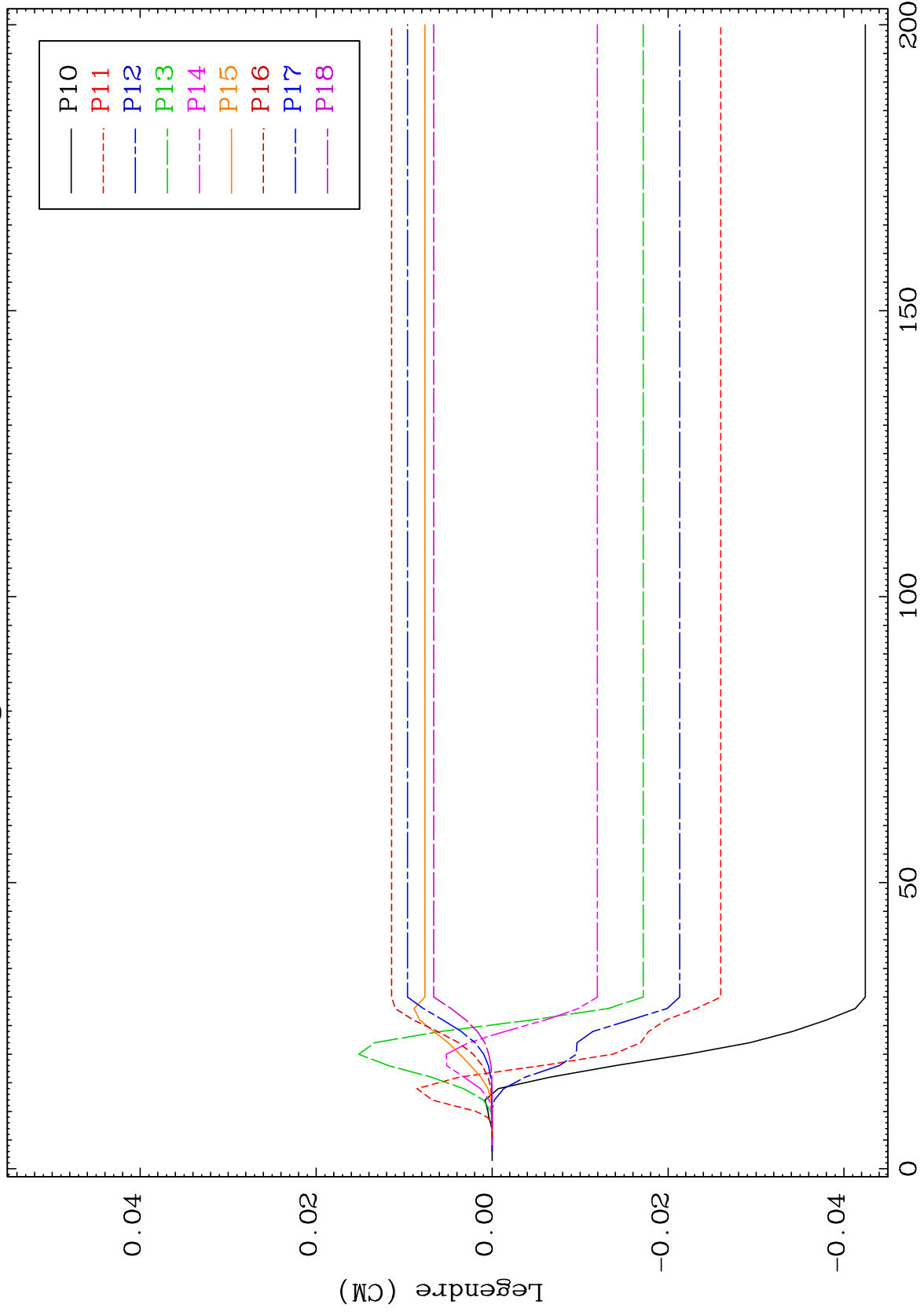
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



23

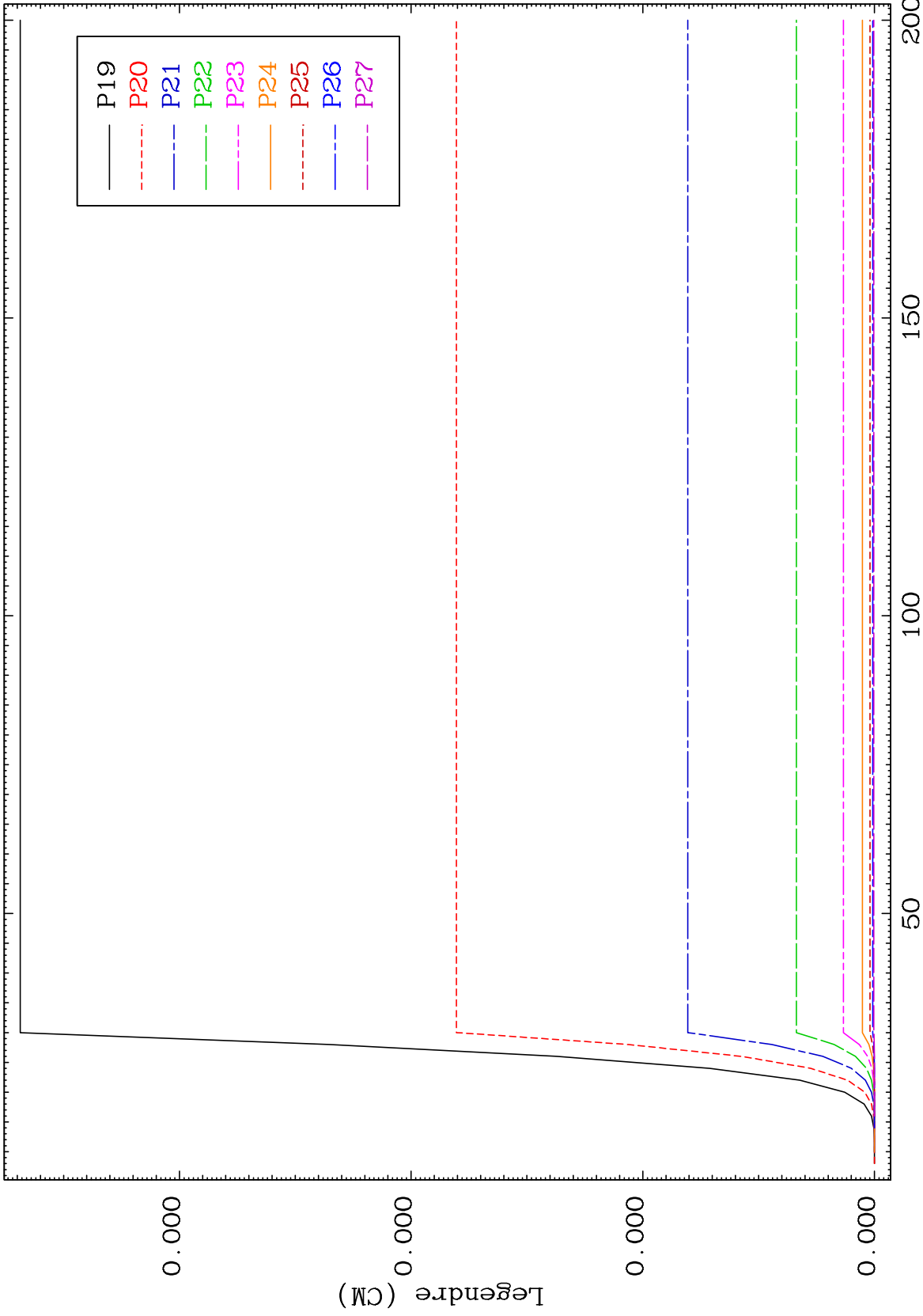
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



24

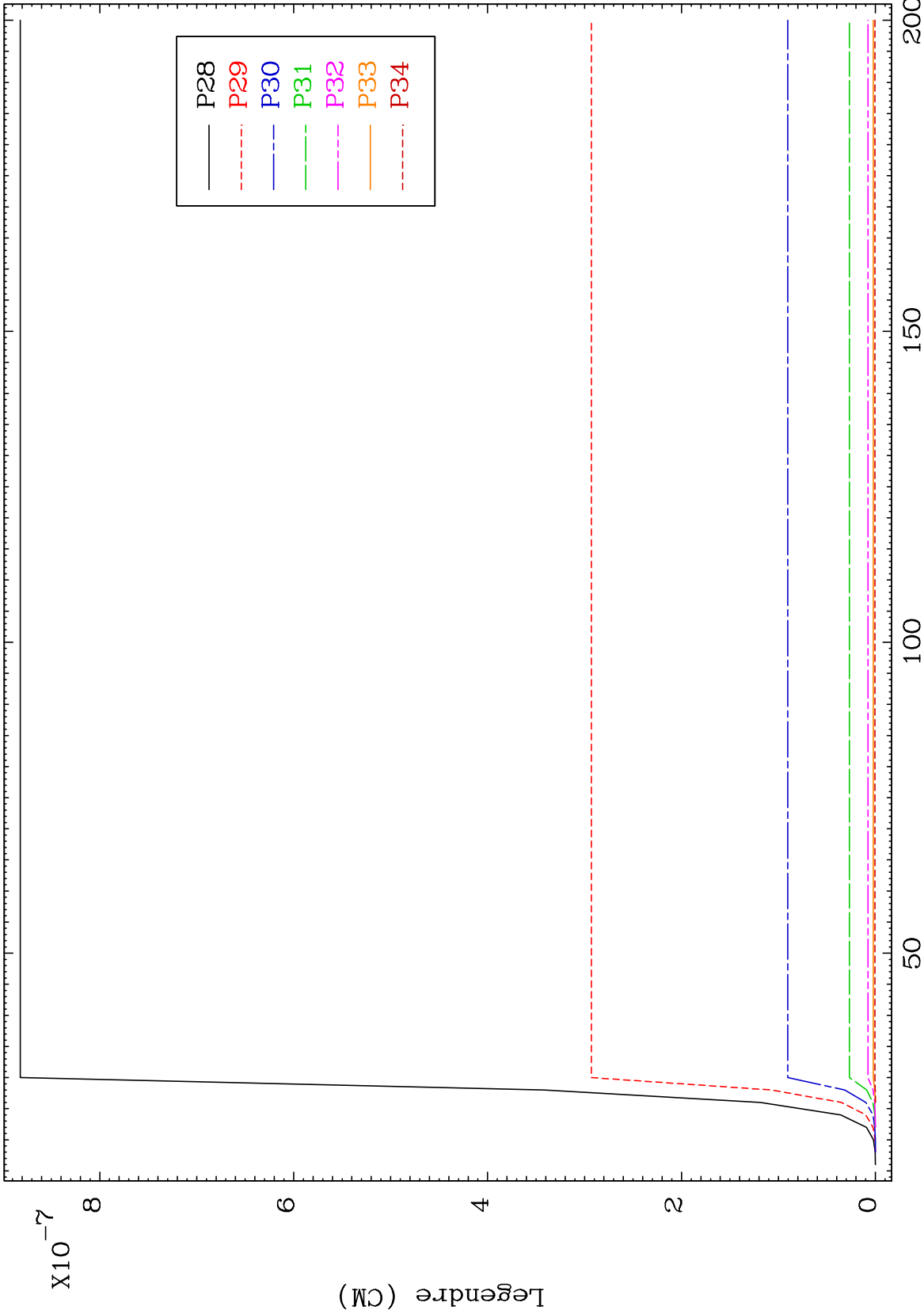
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



25

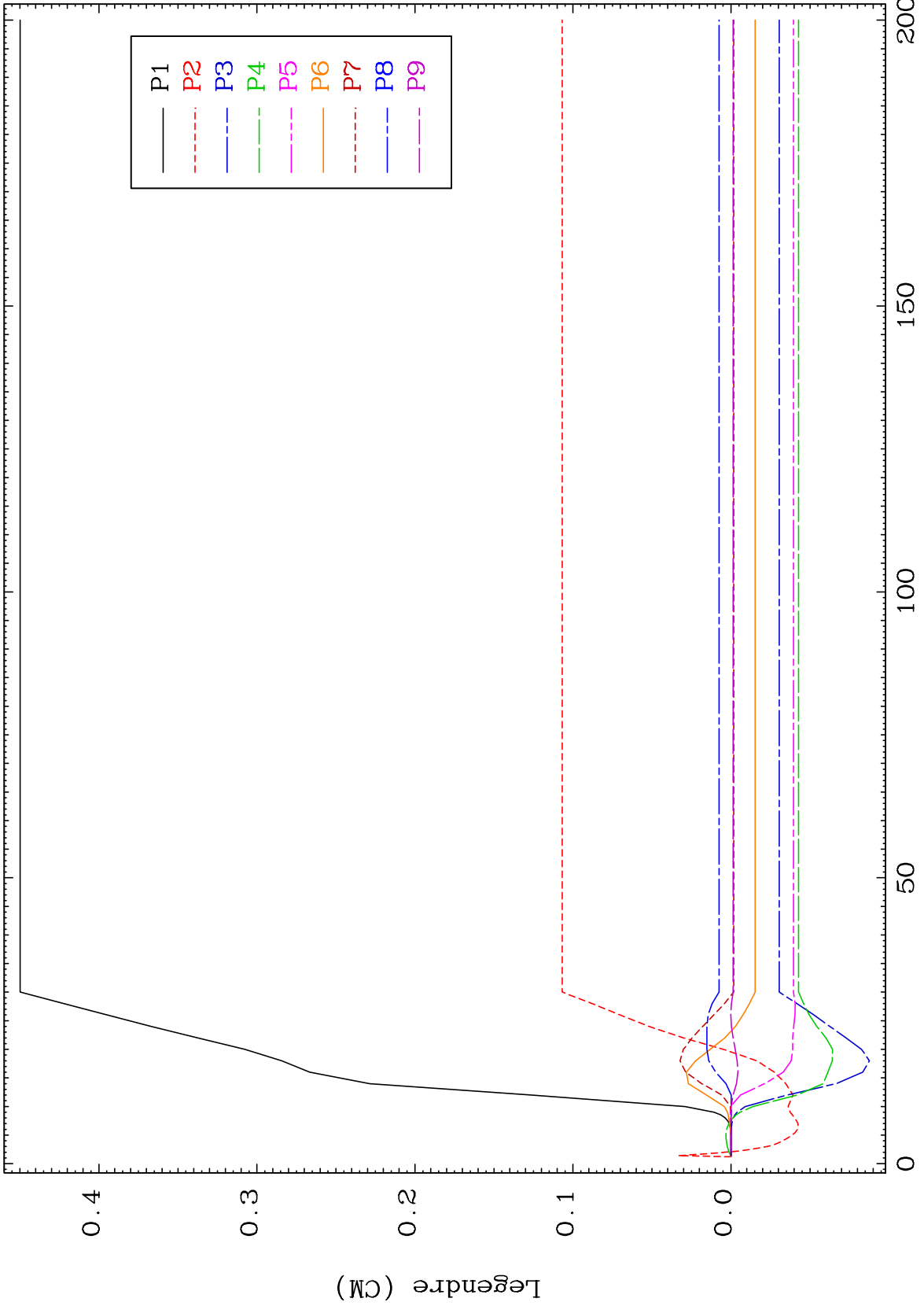
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93

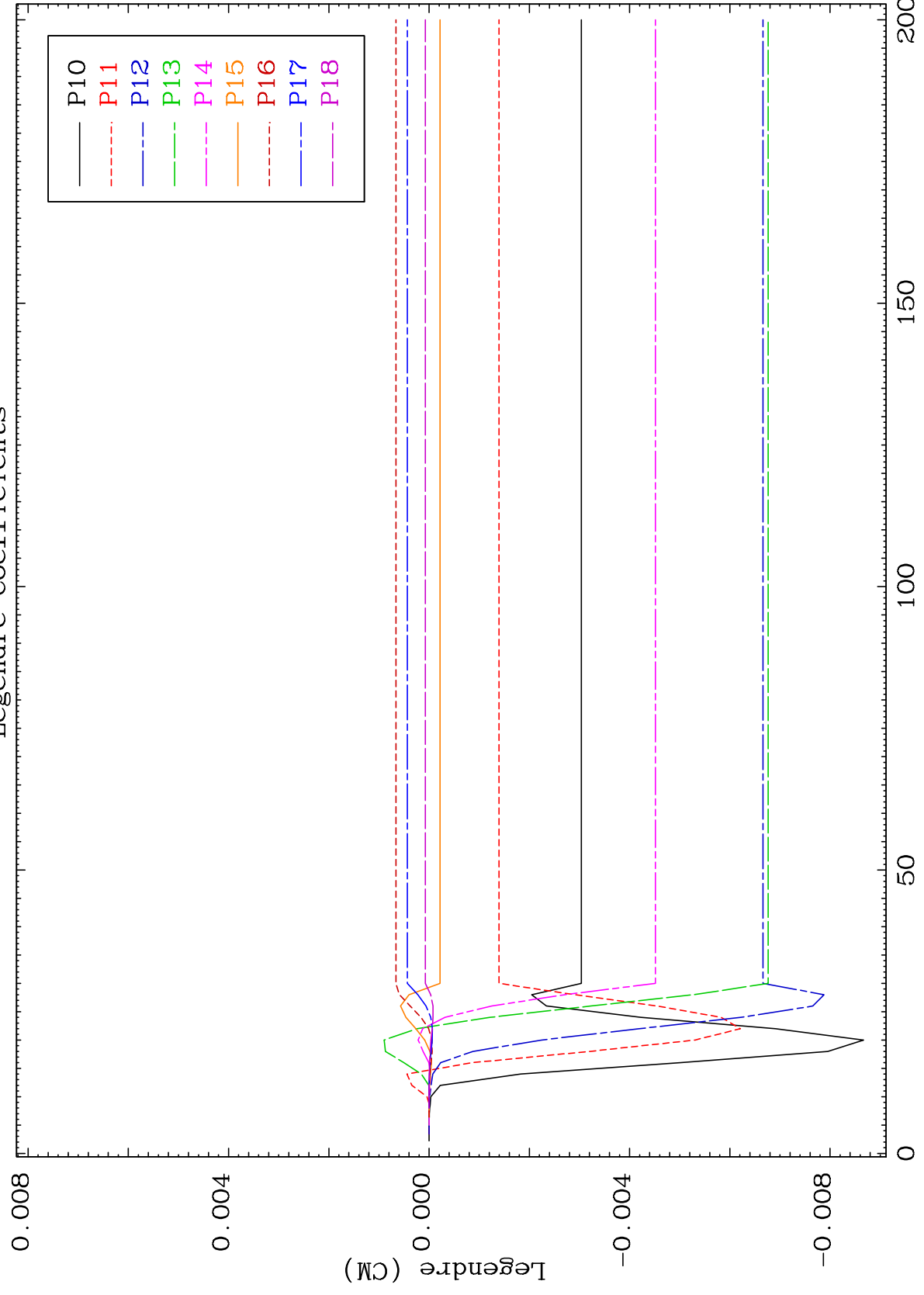


26

Incident Energy (MeV)

43-Tc-93

MAT 4307 MT= 53 (n,n') Level Legendre Coefficients 43-Tc-93



43-Tc-93

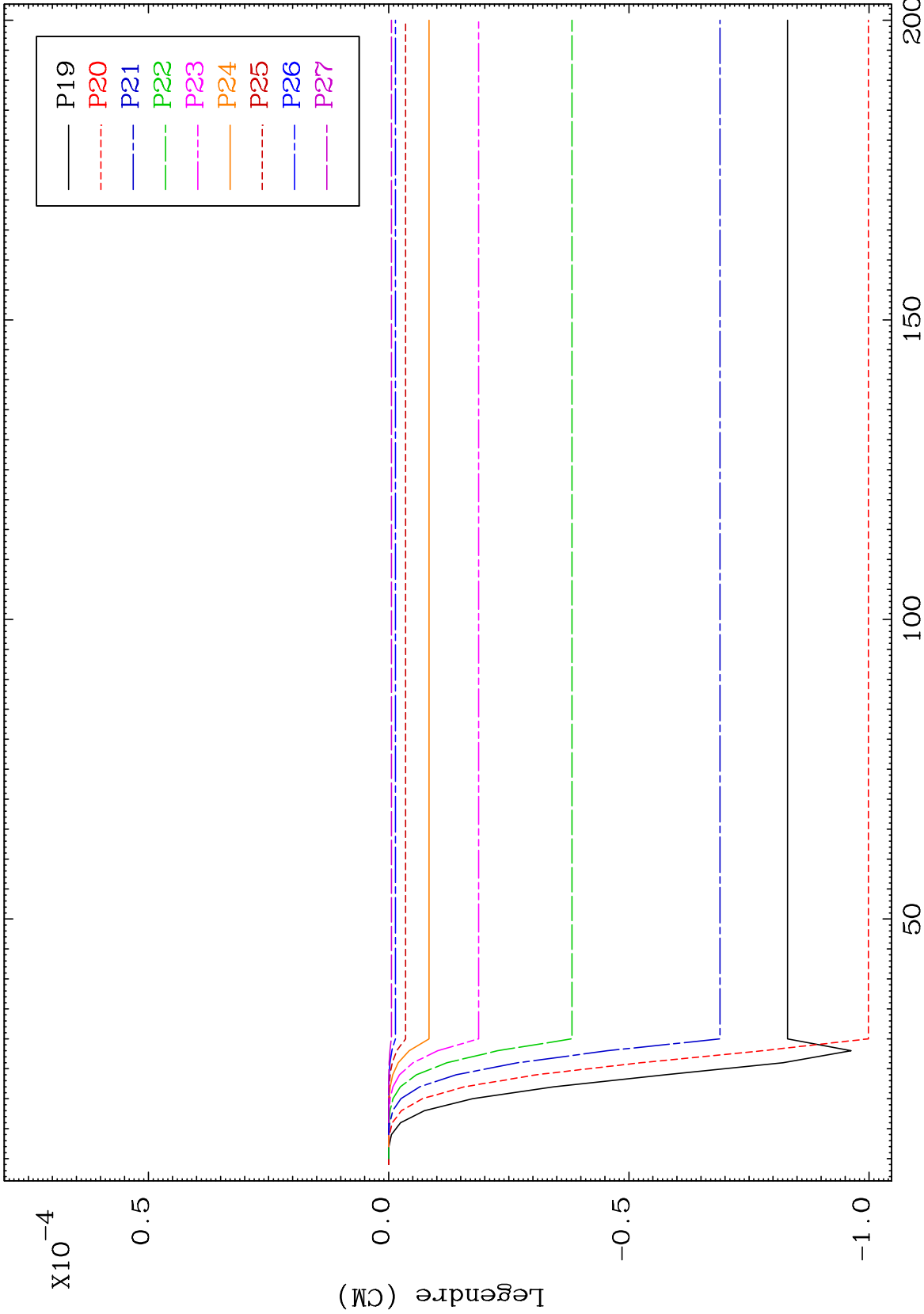
Incident Energy (MeV)

27

MAT 4307

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

43-Tc-93



28

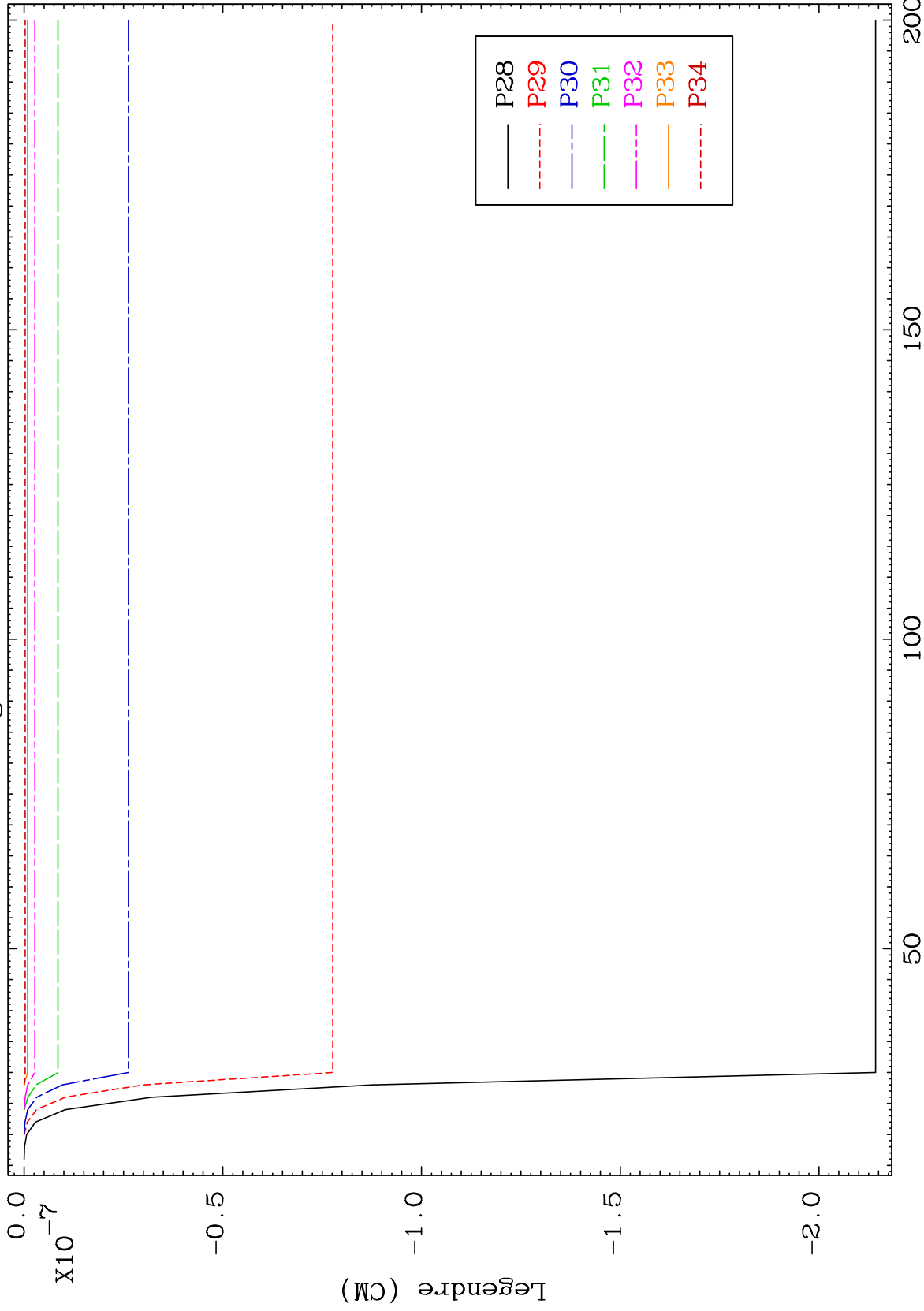
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



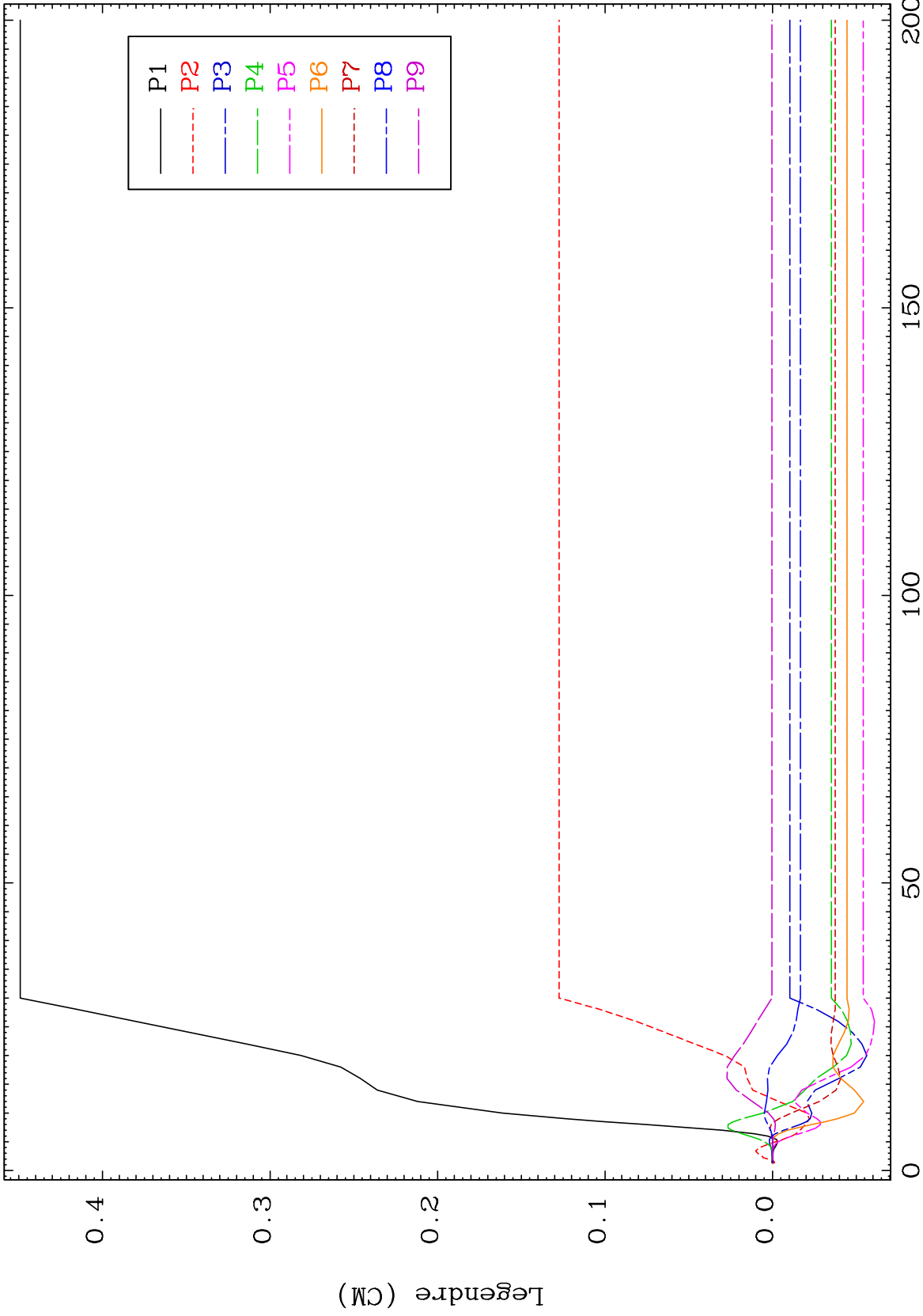
29

43-Tc-93

MAT 4307

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

43-Tc-93



43-Tc-93

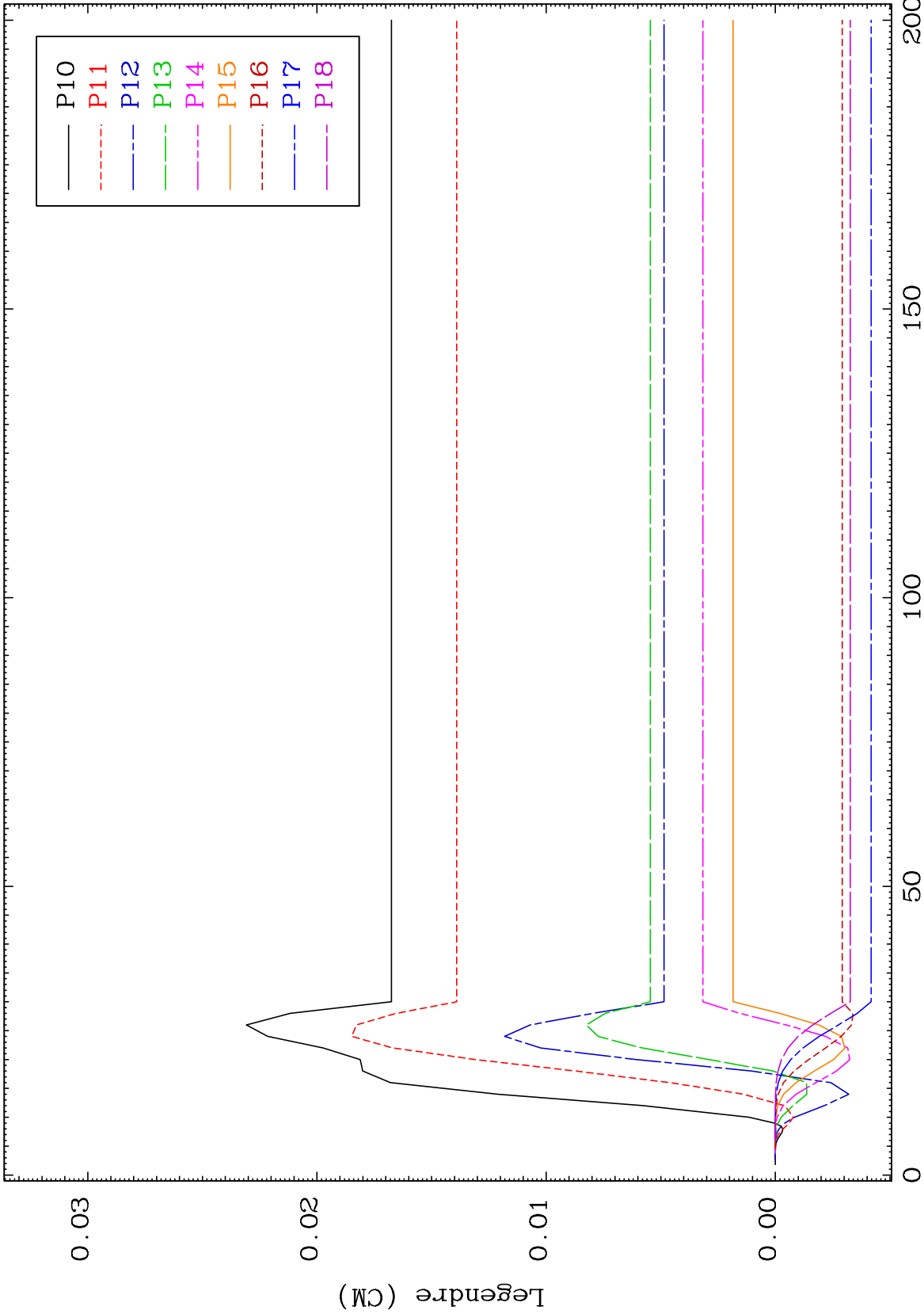
Incident Energy (MeV)

30

MAT 4307

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

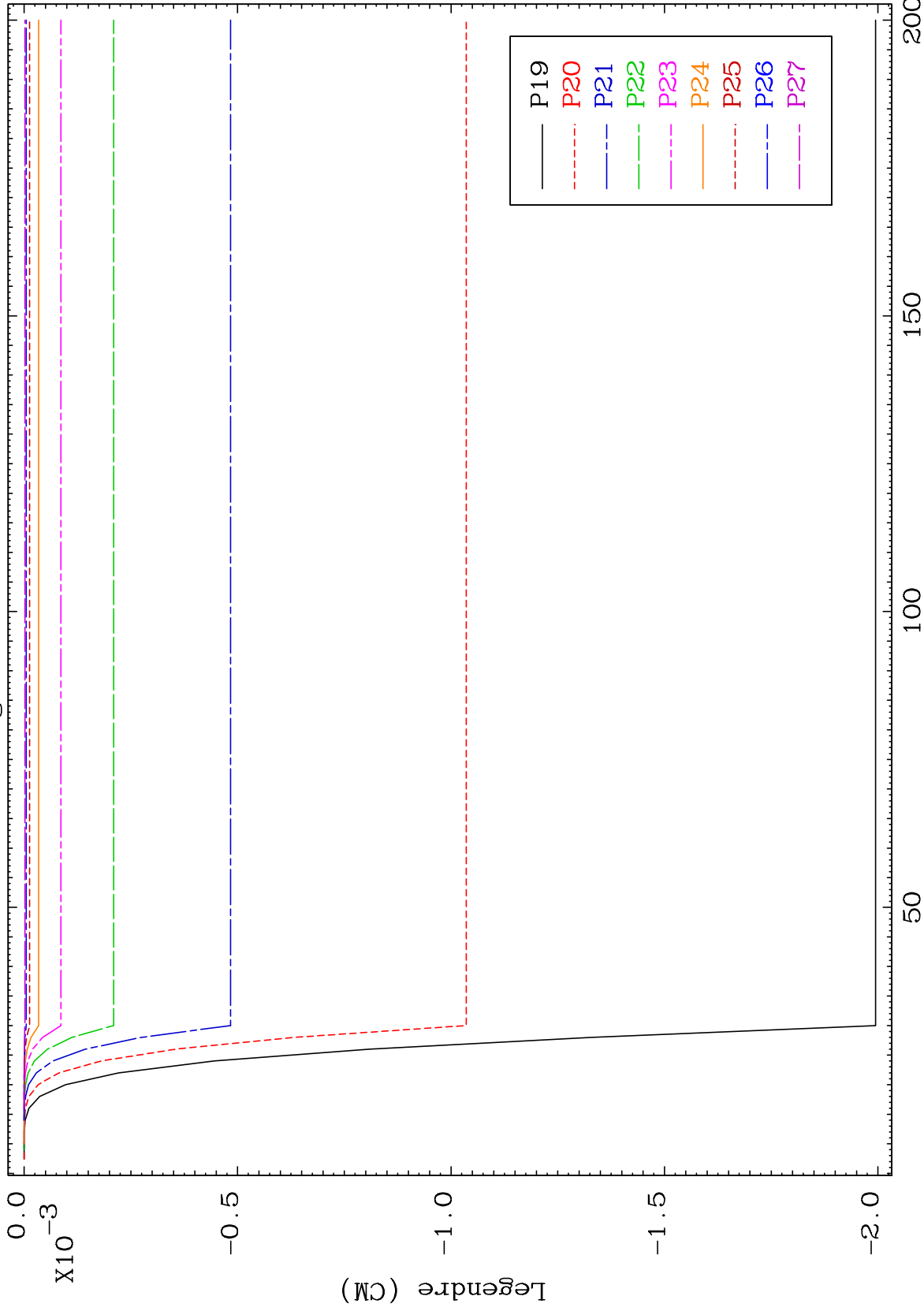
43-Tc-93



31

Incident Energy (MeV)

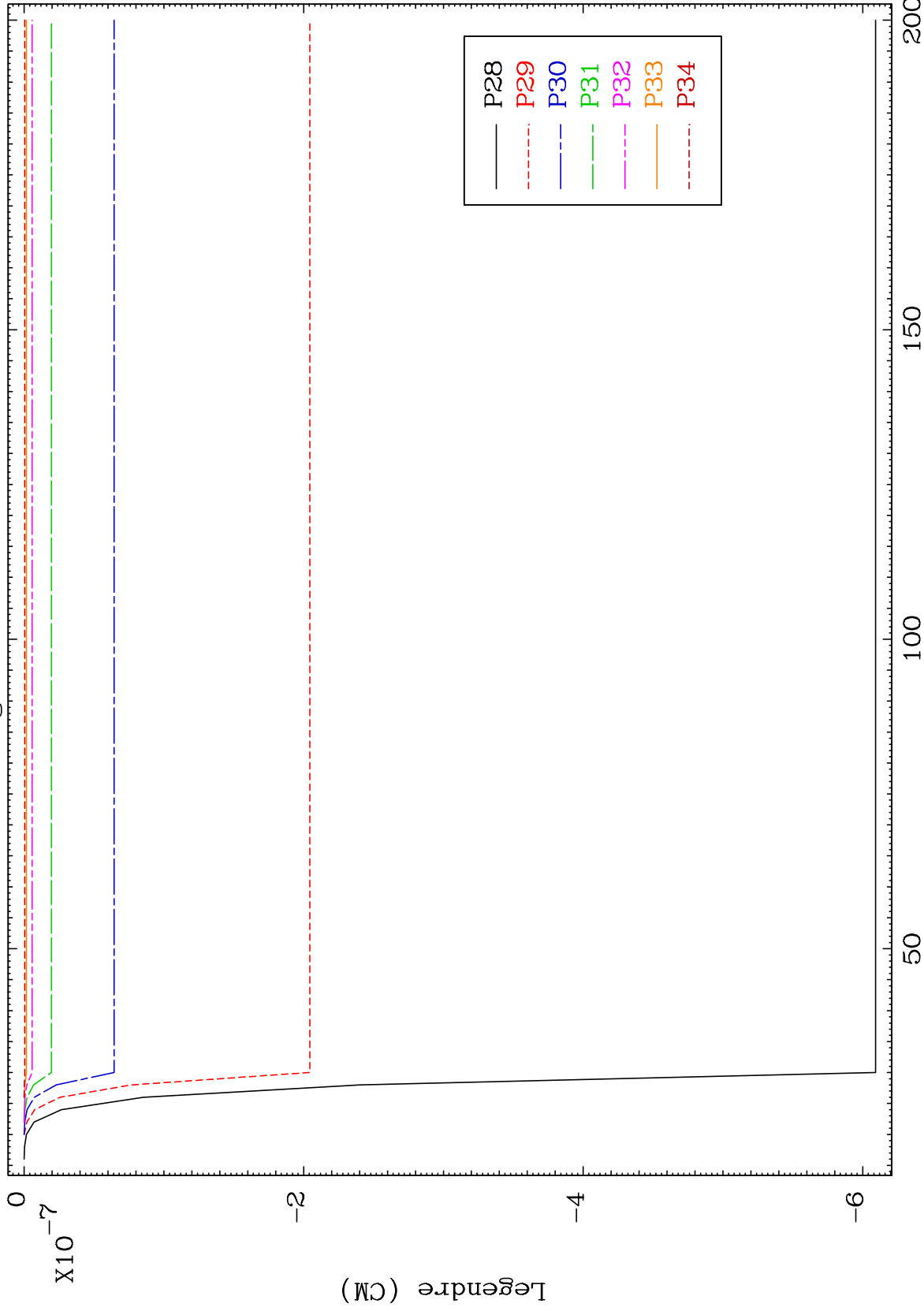
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MAT 4307

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

43-Tc-93



43-Tc-93

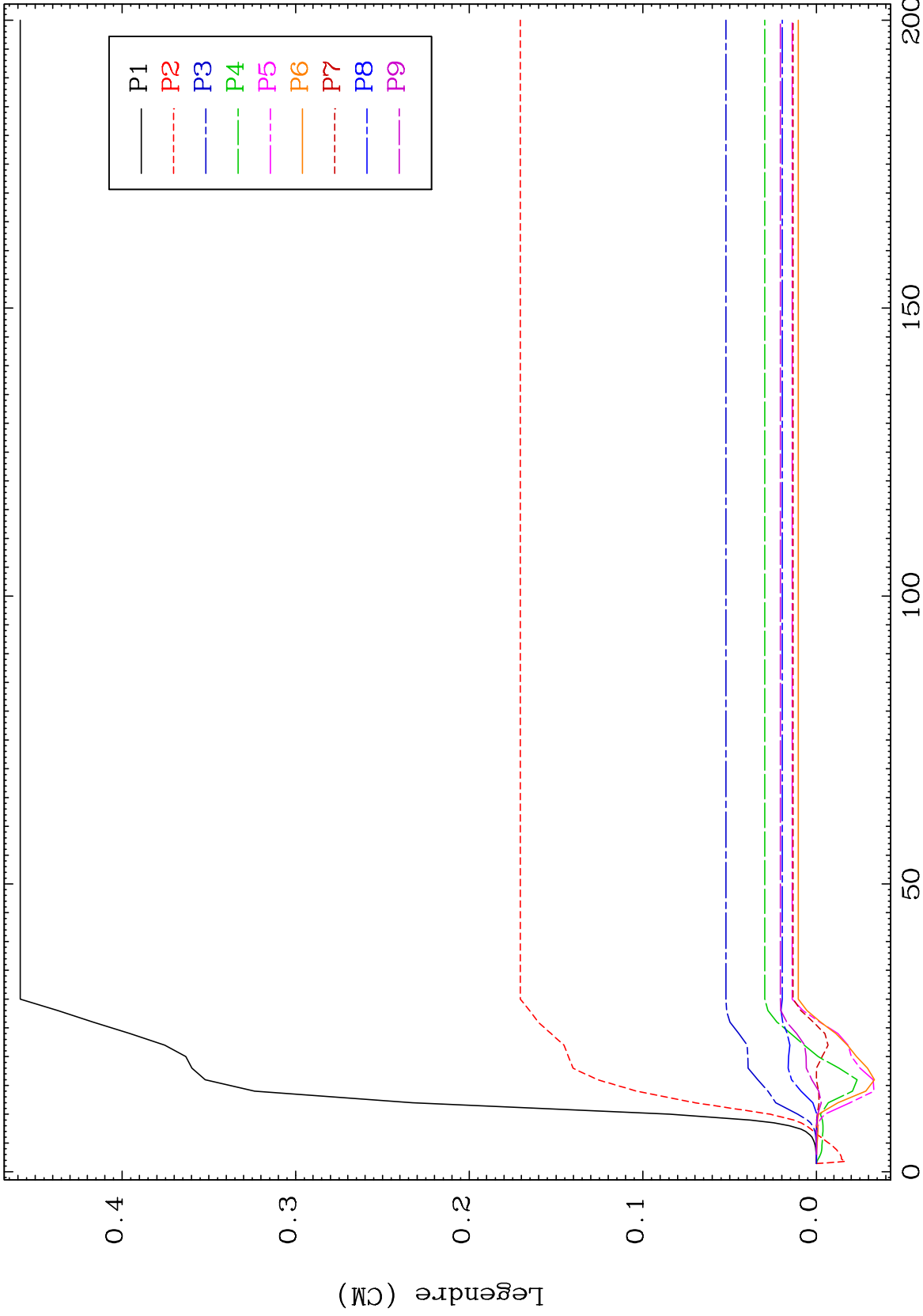
Incident Energy (MeV)

33

MAT 4307

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

43-Tc-93



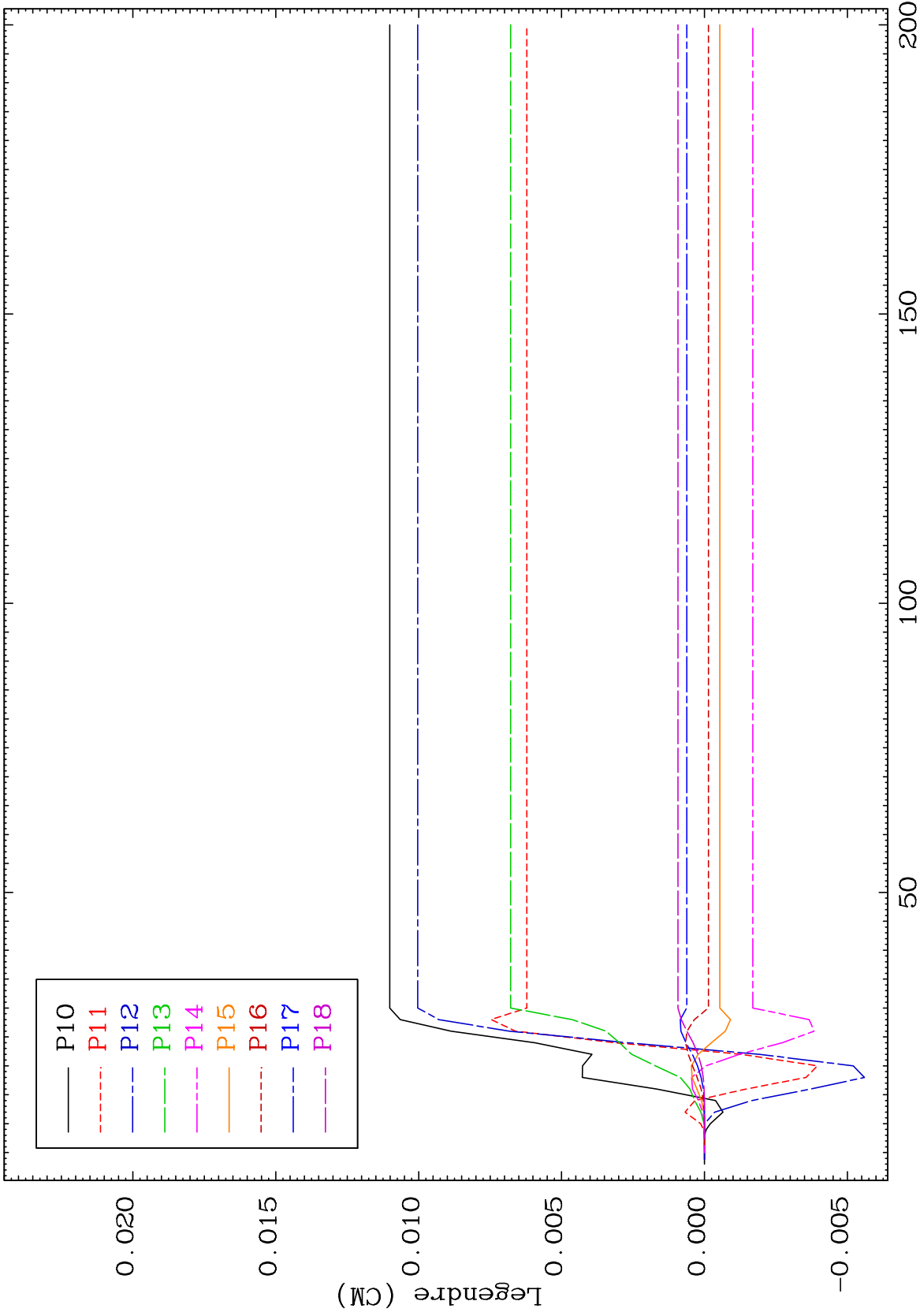
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43-Tc-93

MAT 4307

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

43-Tc-93



35

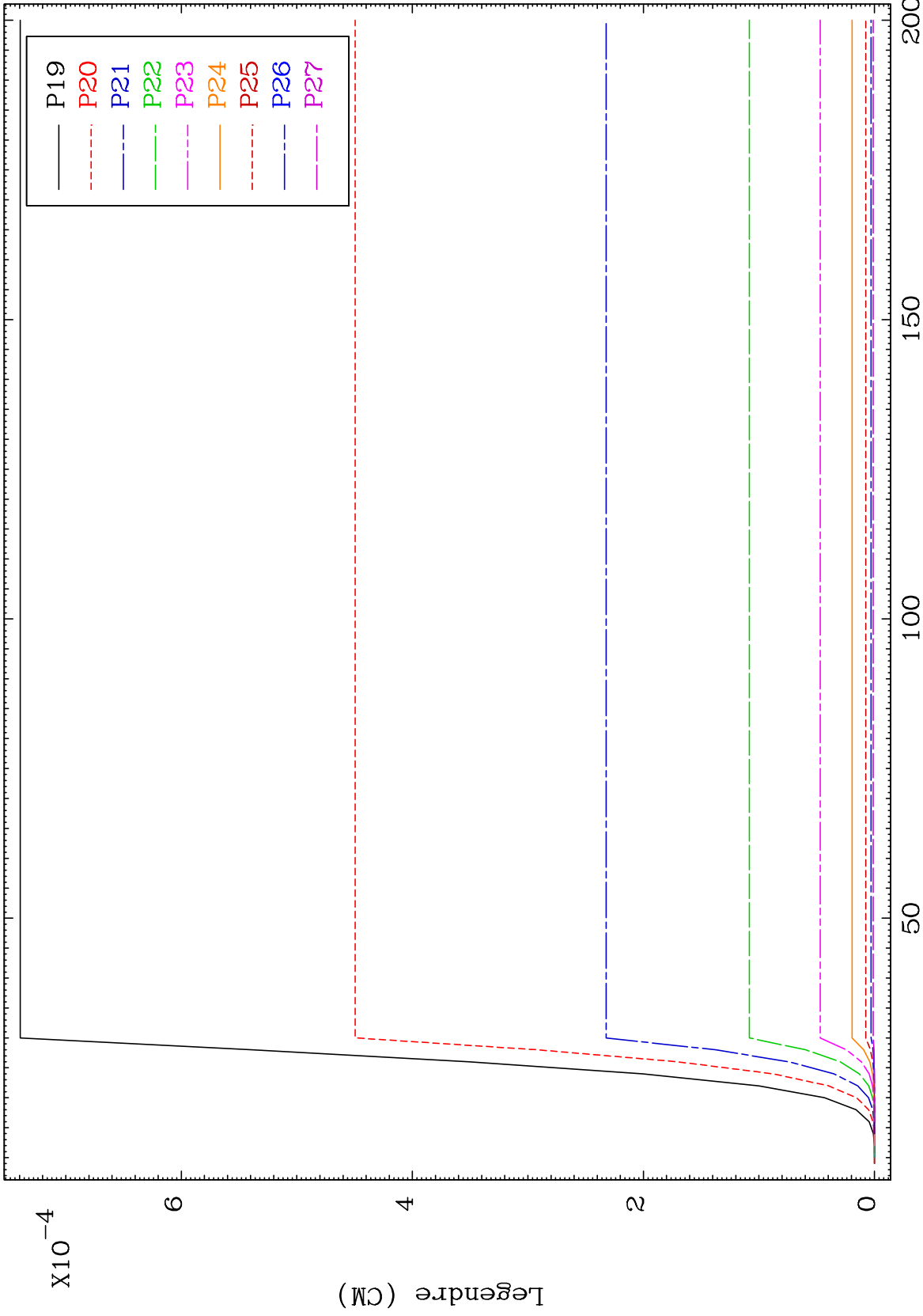
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



36

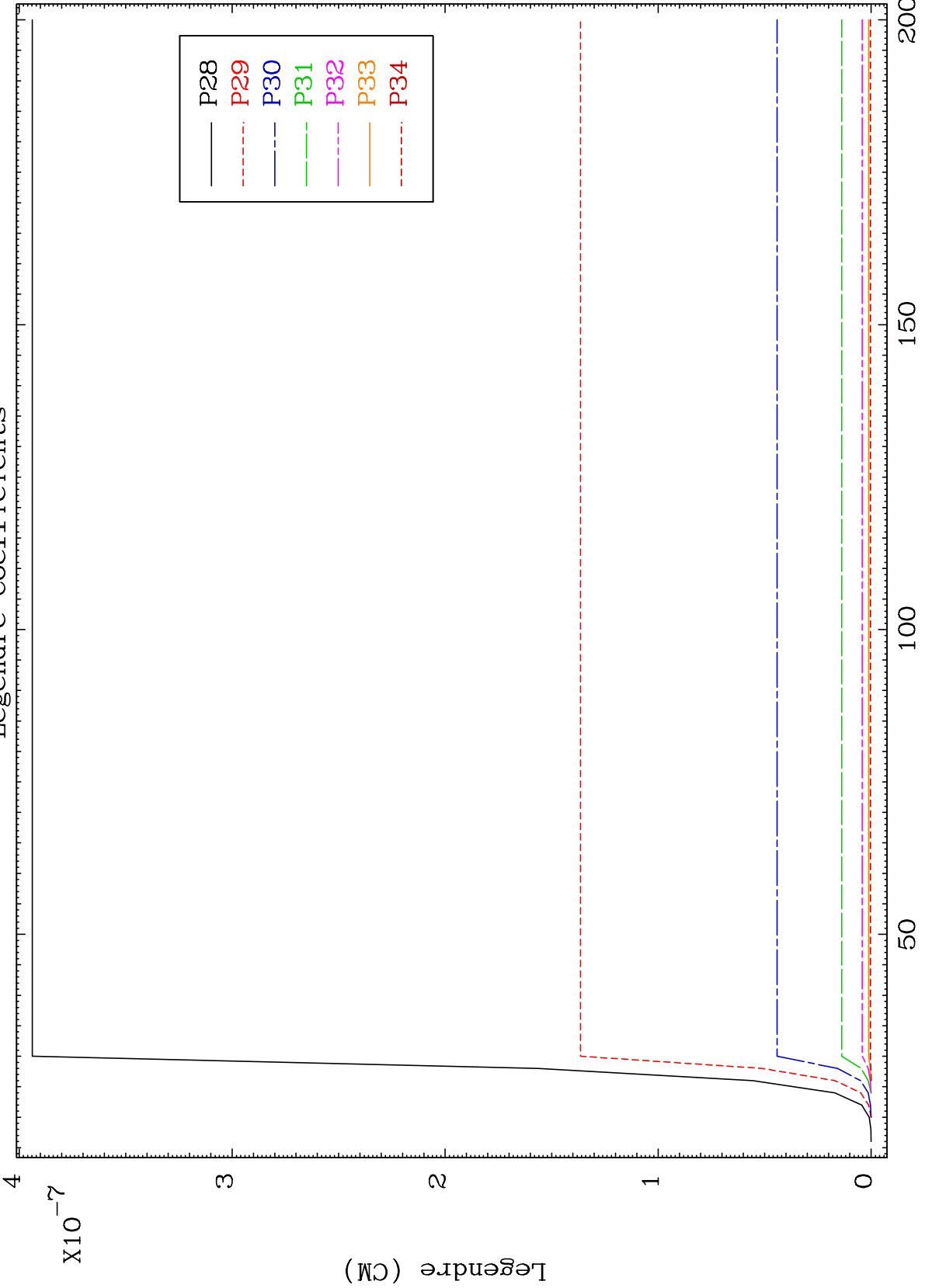
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



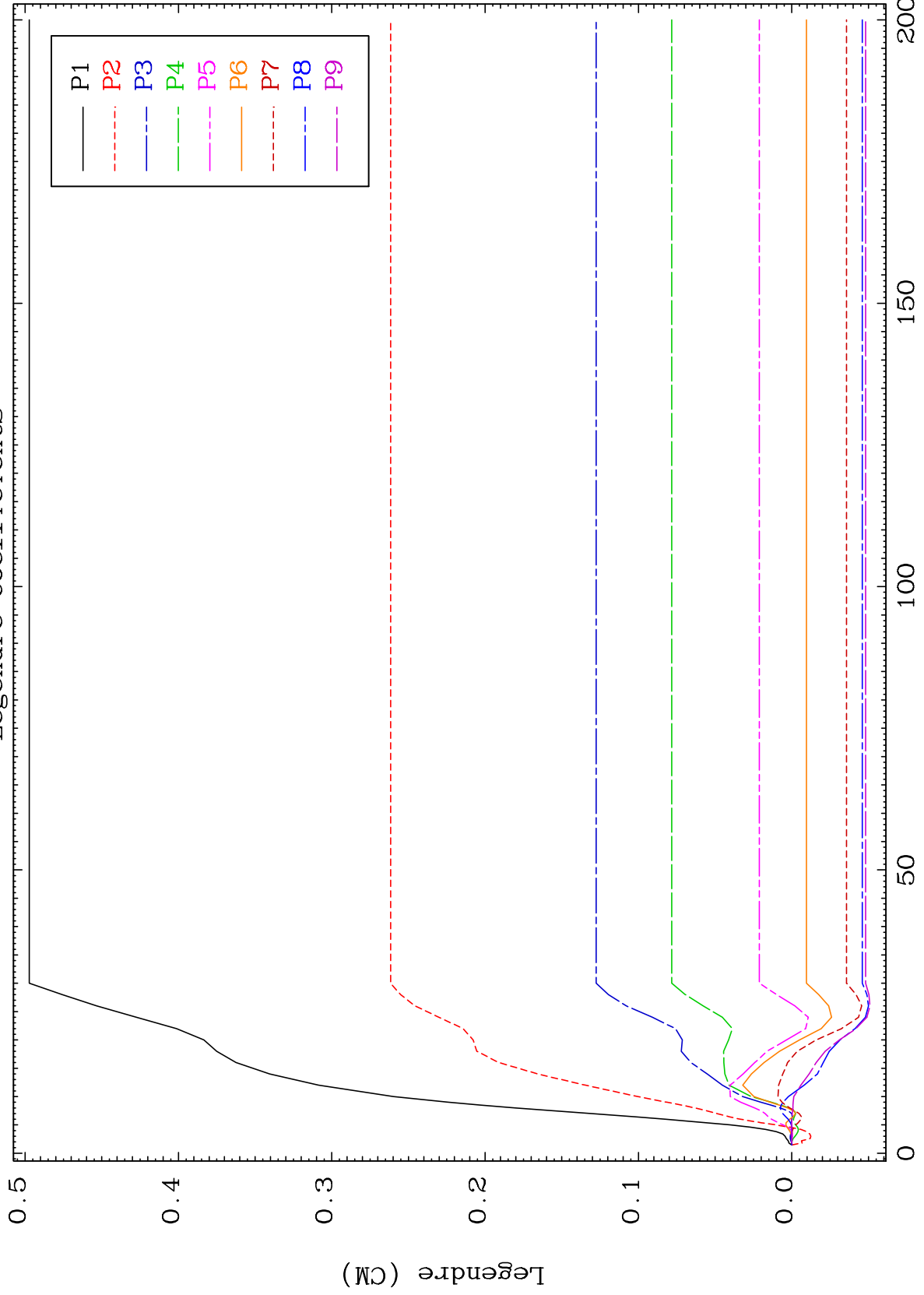
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43-Tc-93

MAT 4307

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

43-Tc-93



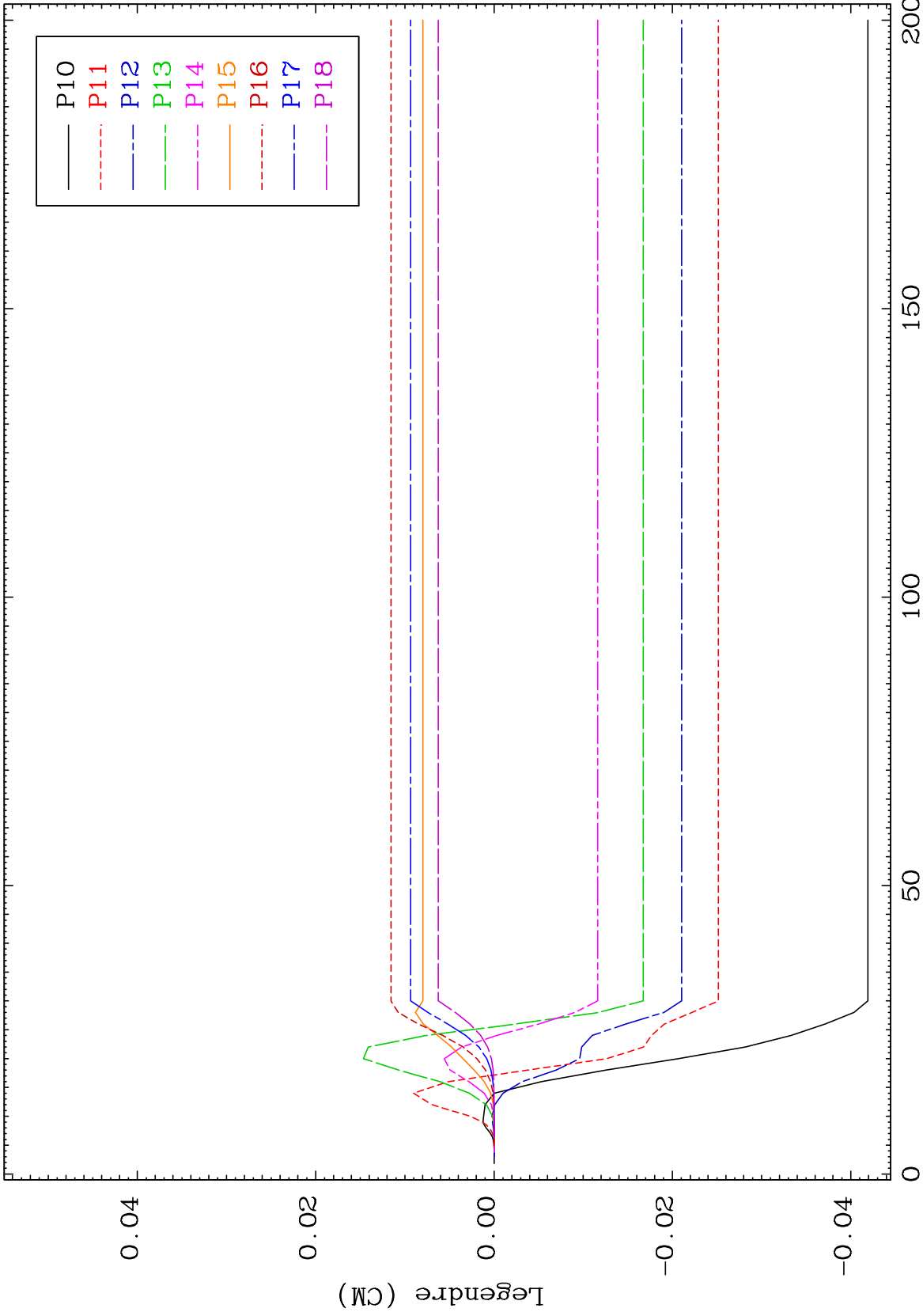
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43-Tc-93

MAT 4307

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

43-Tc-93



39

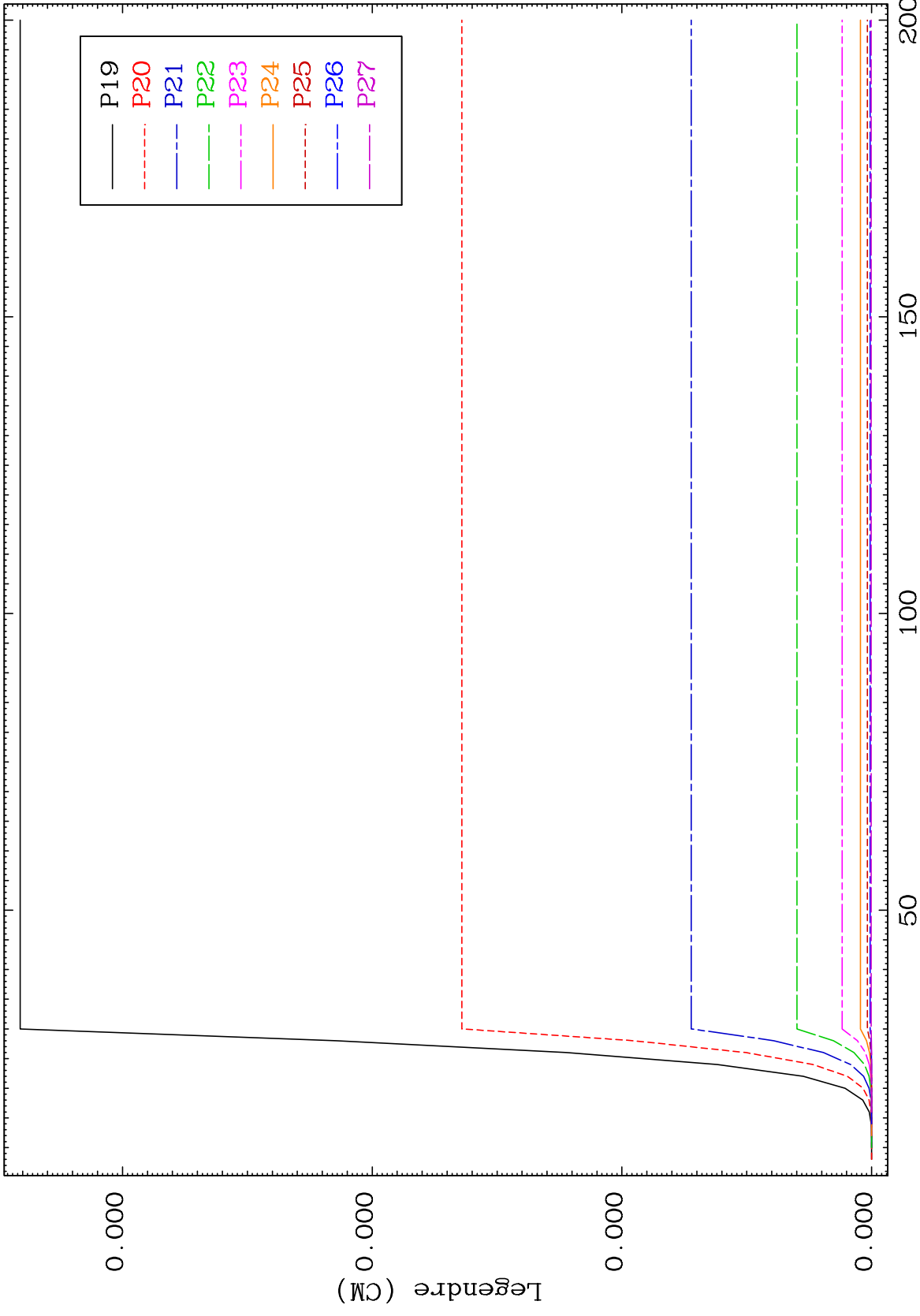
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



40

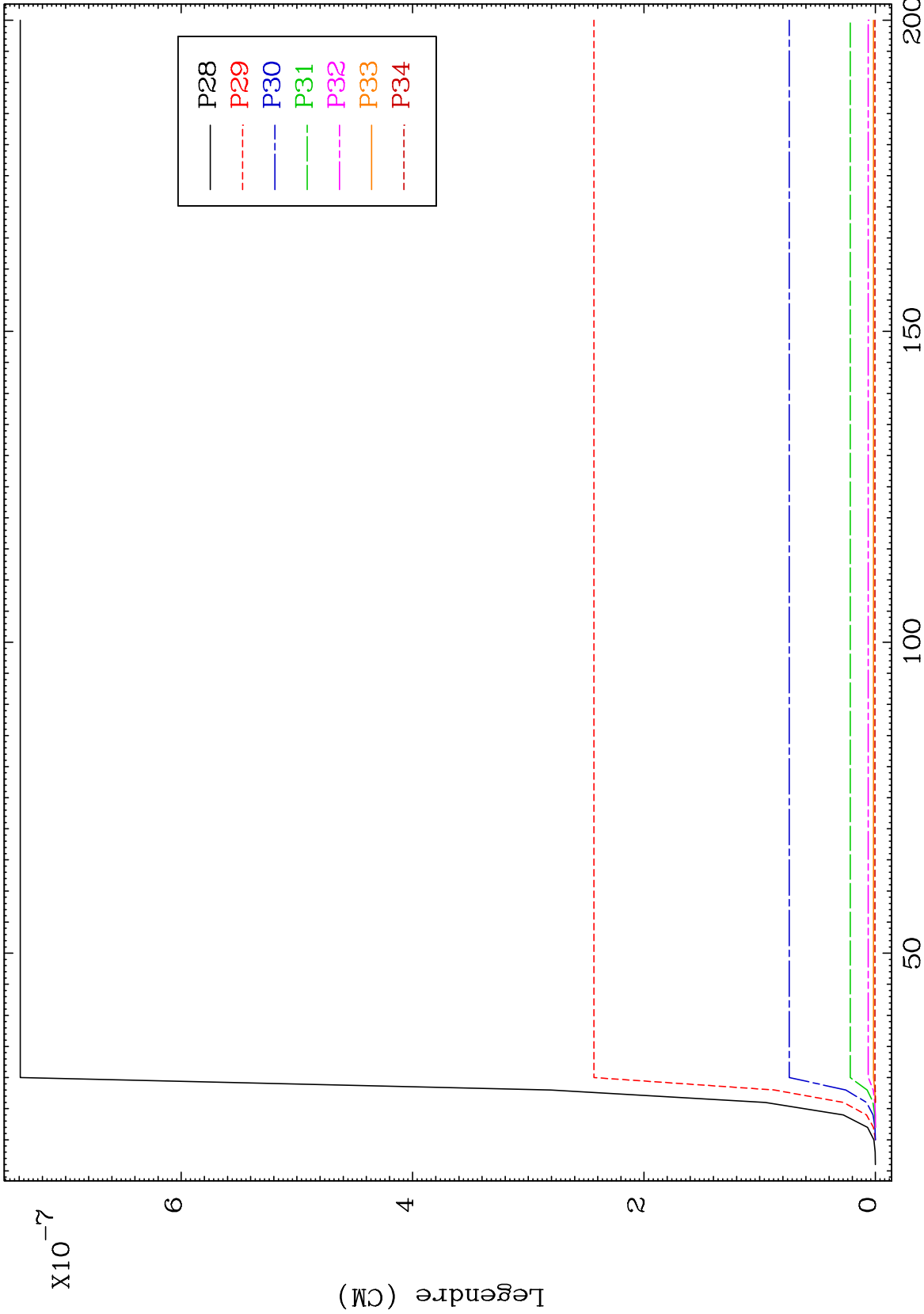
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



41

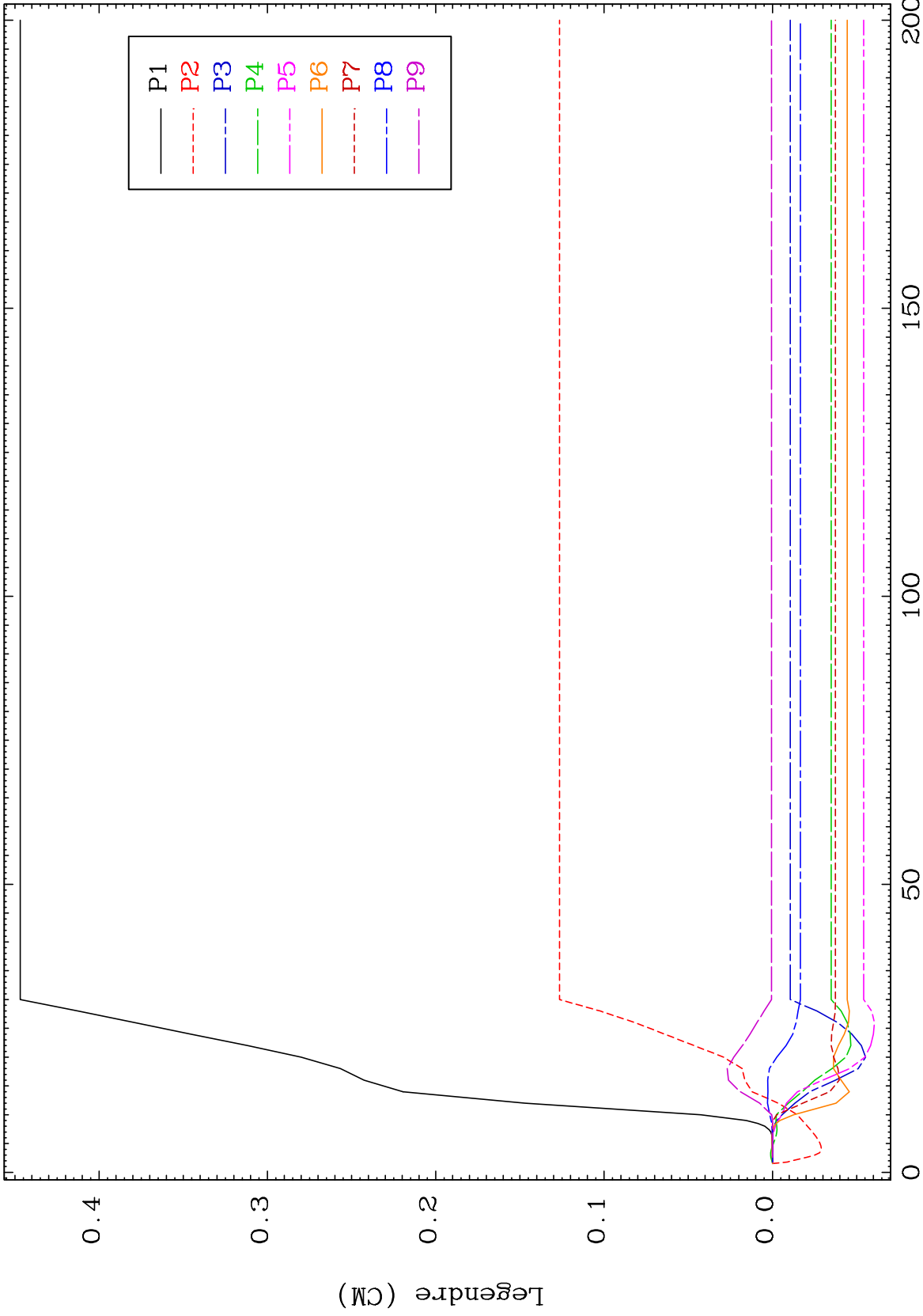
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



42

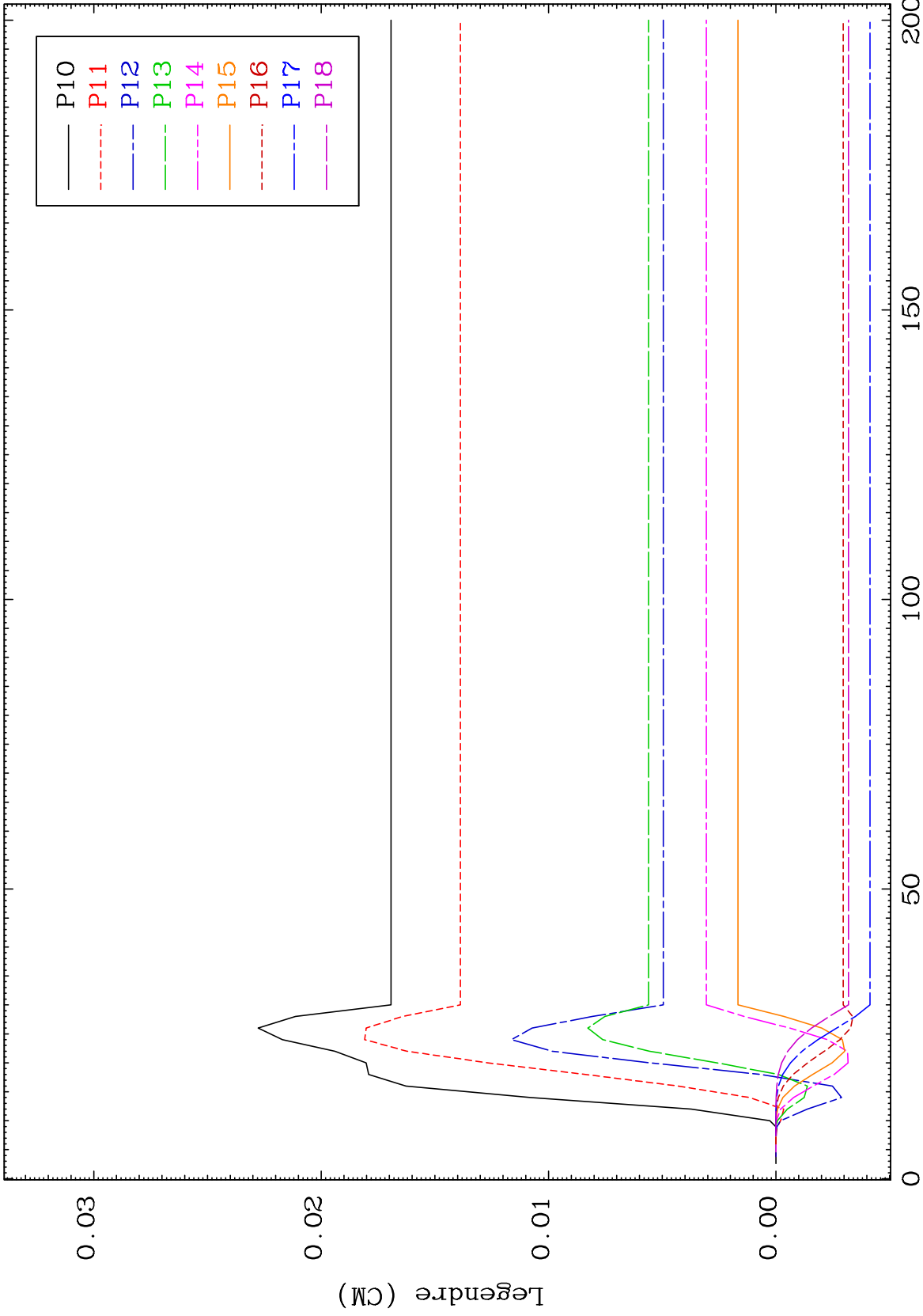
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

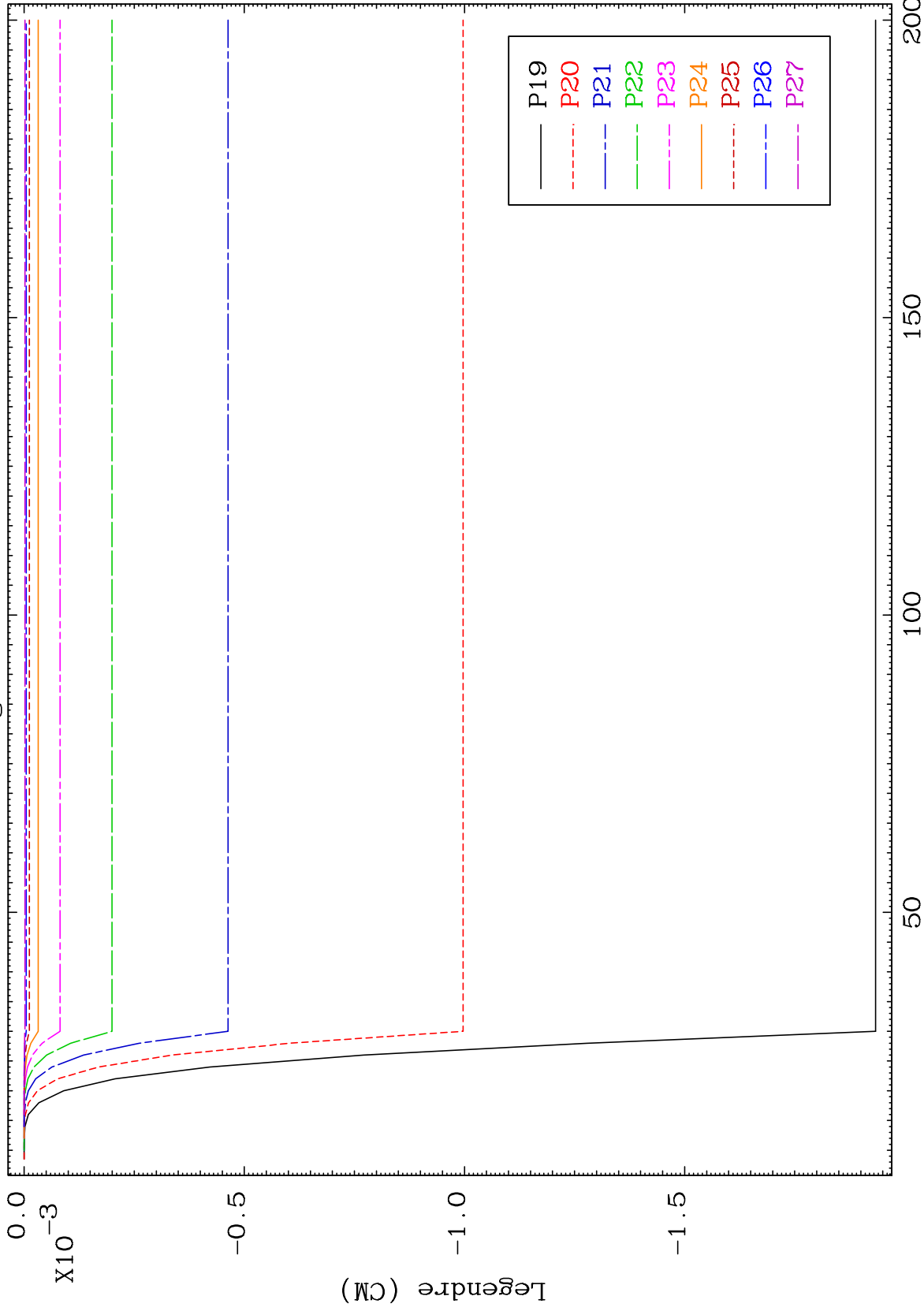
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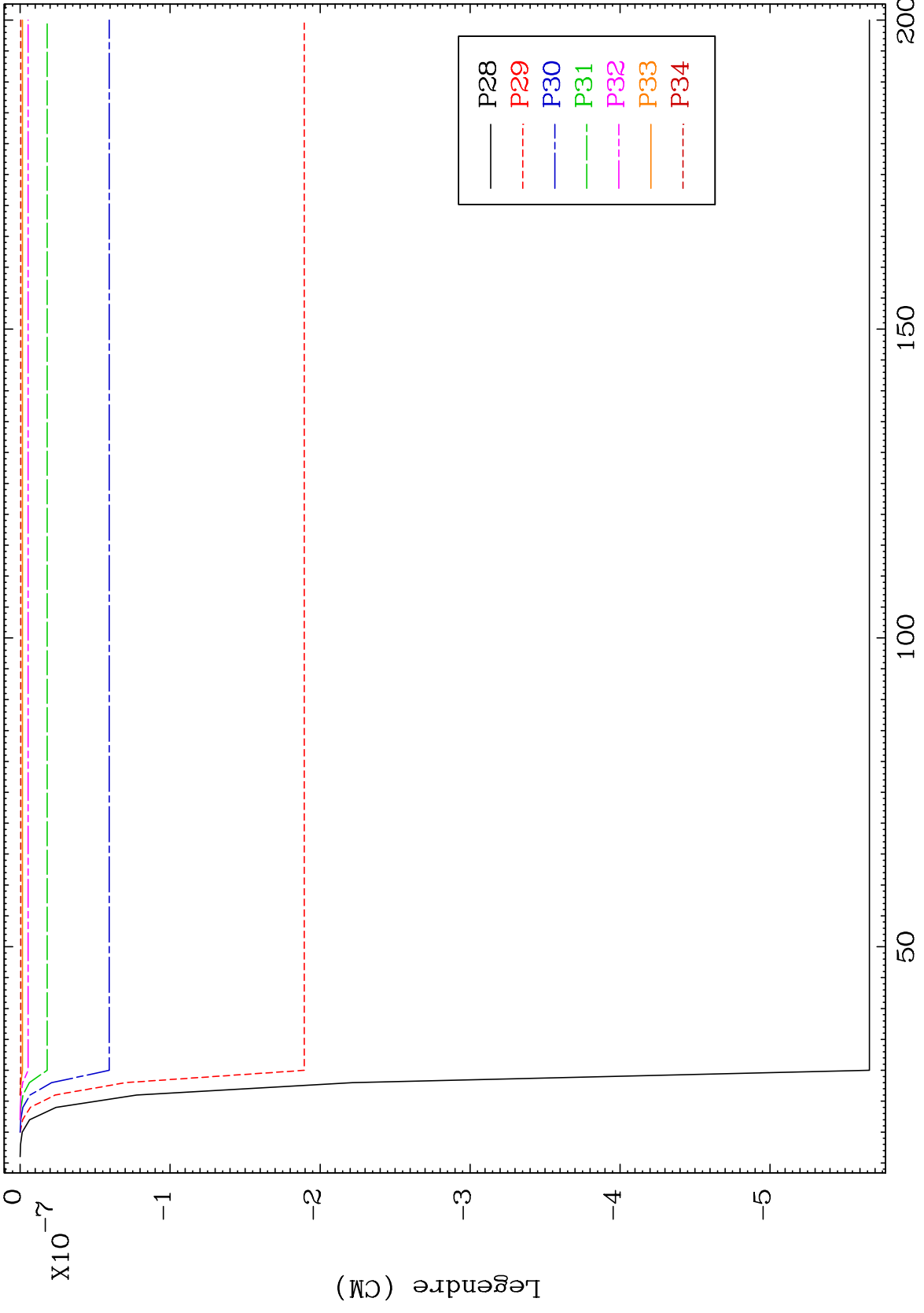
43

Incident Energy (MeV)

43-Tc-93



MAT 4307 MT= 57 (n,n') Level Legendre Coefficients 43-Tc-93

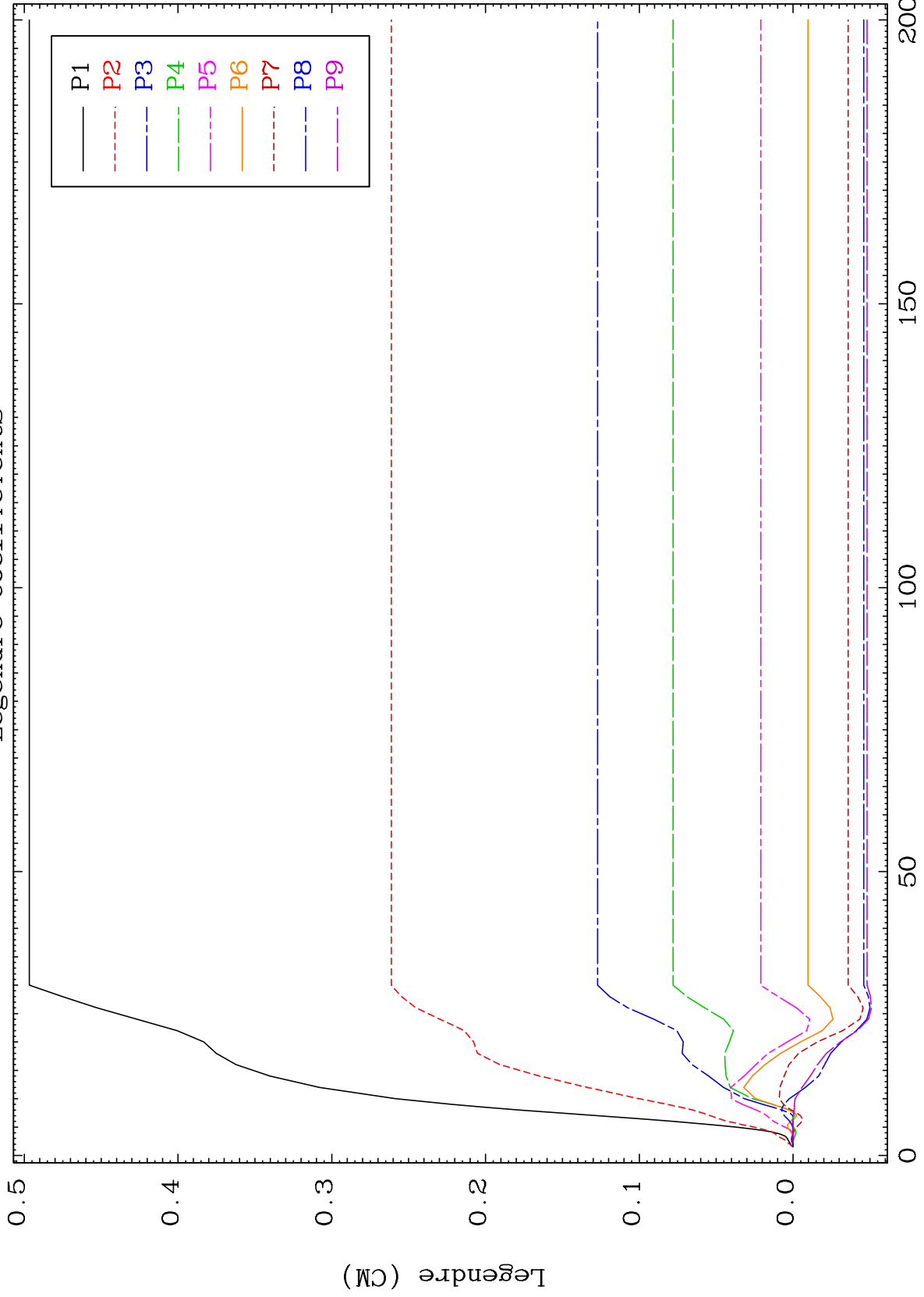


45 Incident Energy (MeV) 43-Tc-93

MAT 4307

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

43-Tc-93



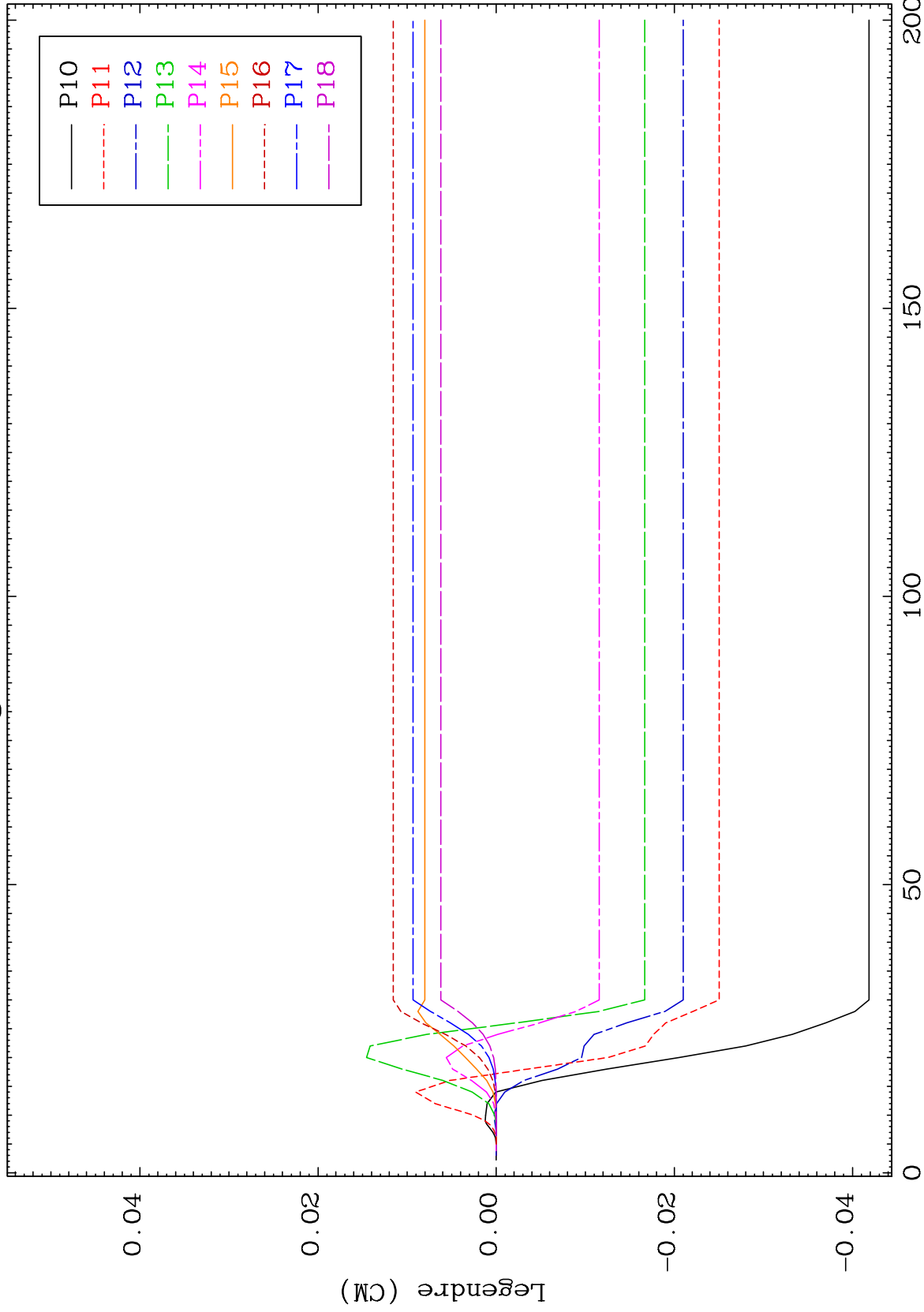
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43-Tc-93

MAT 4307

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

43-Tc-93



47

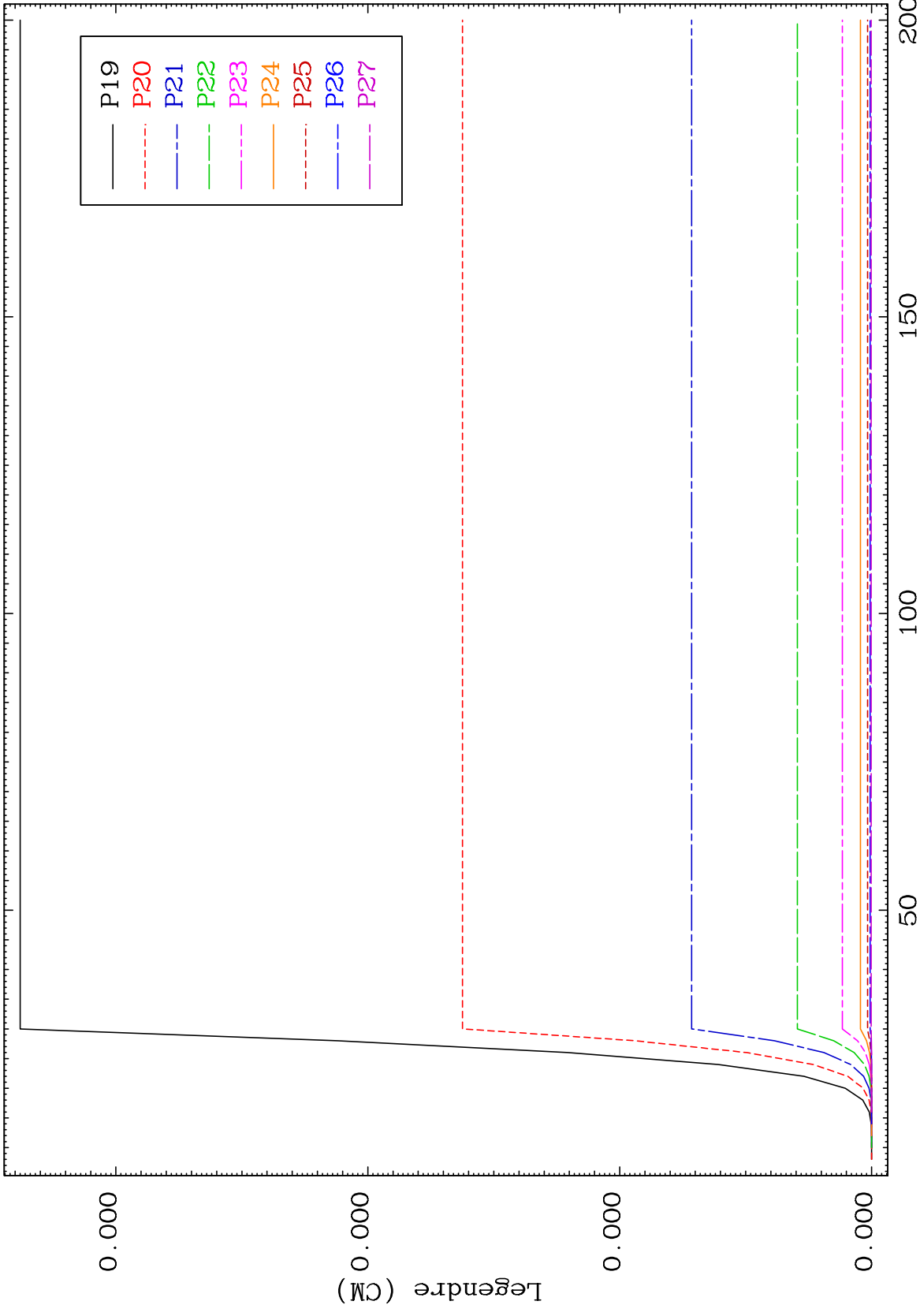
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



48

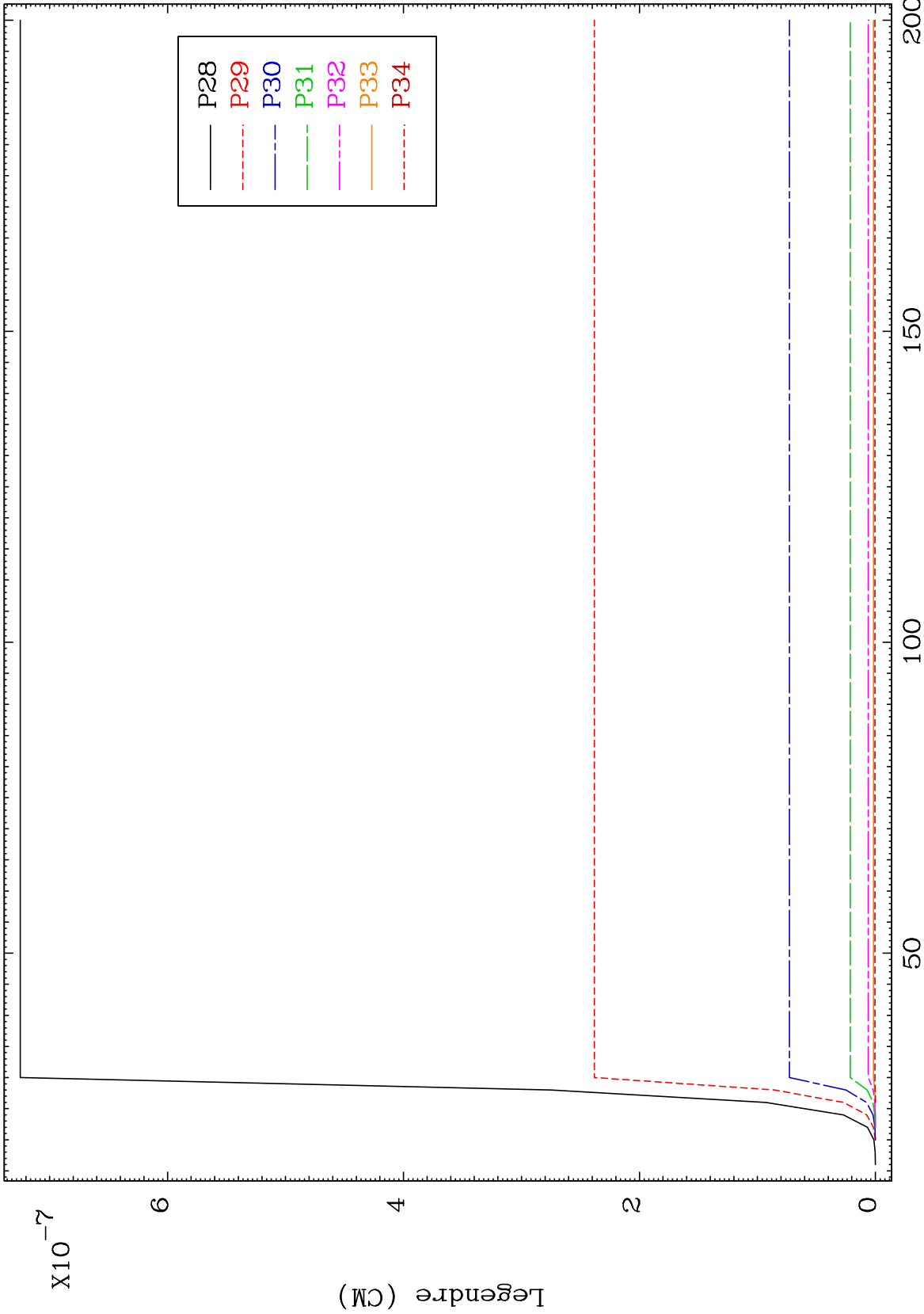
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



49

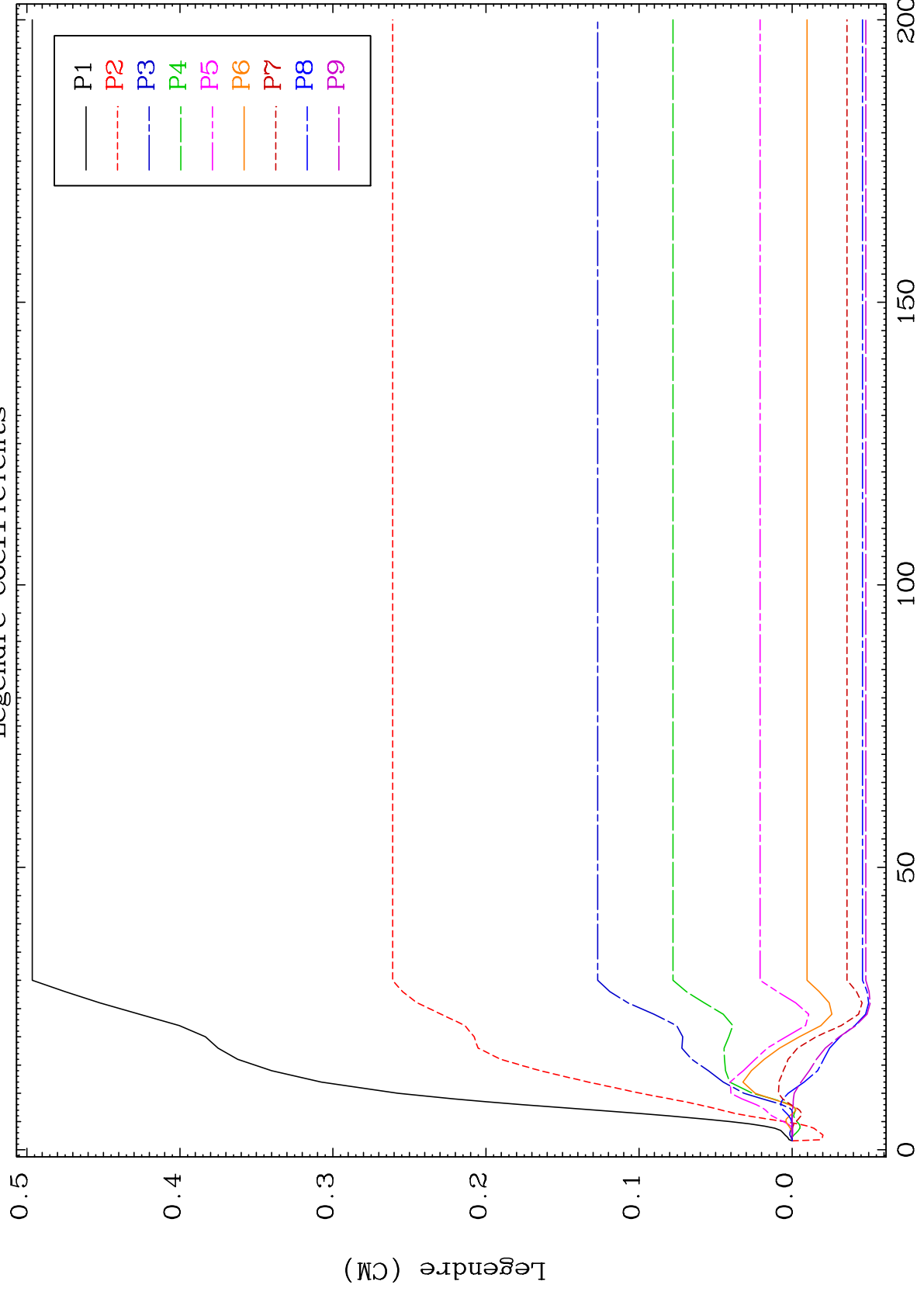
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



50

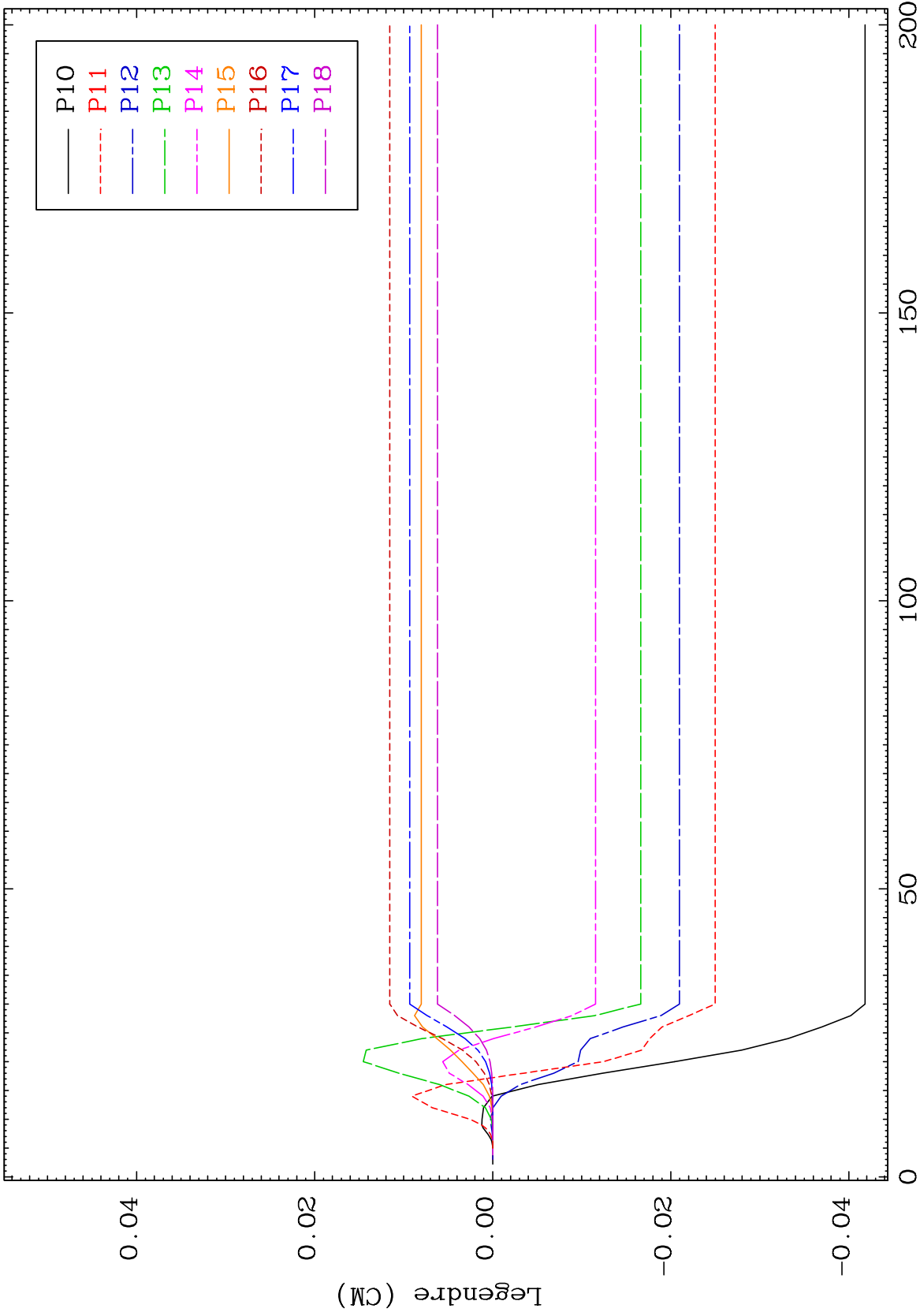
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



51

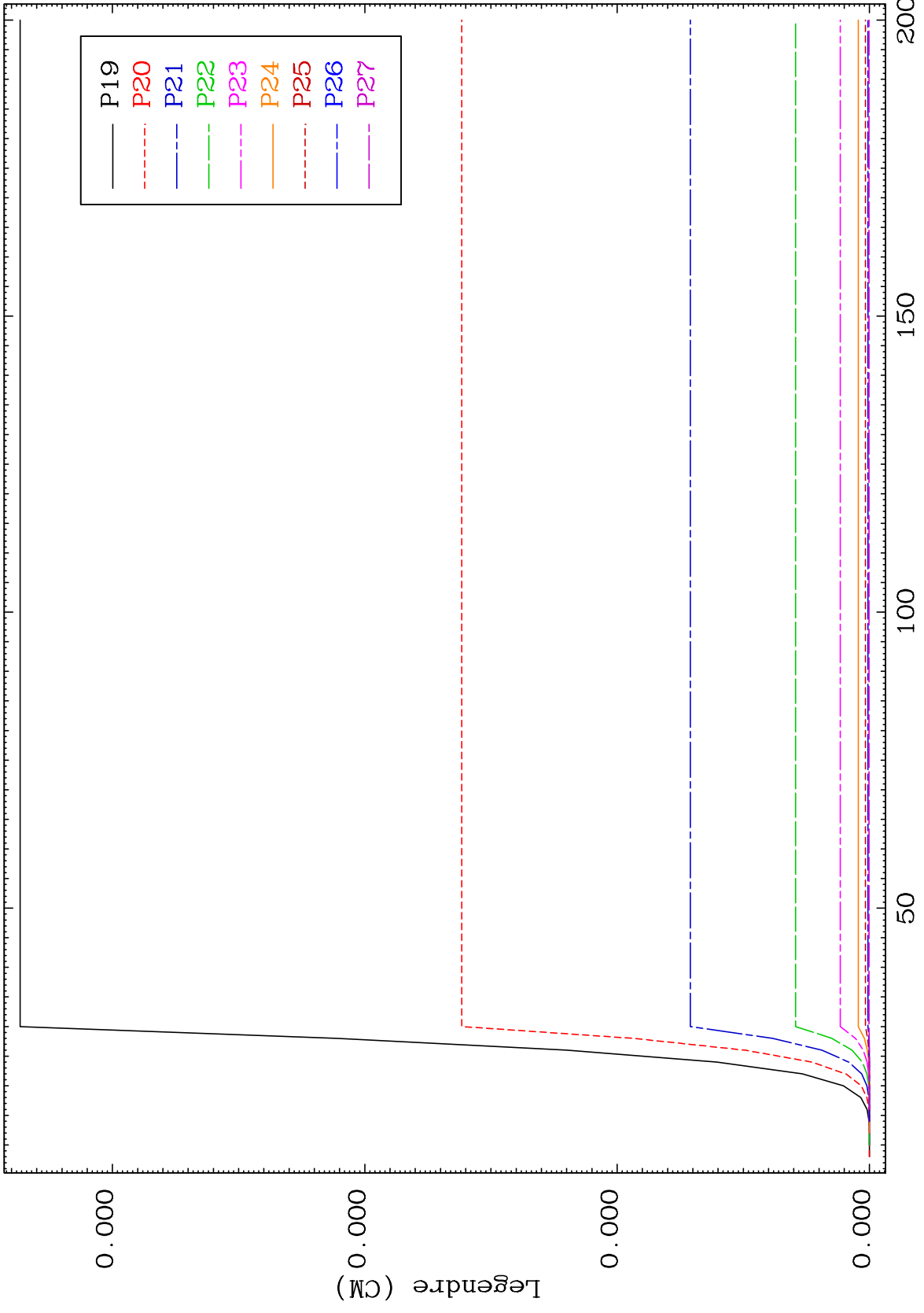
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



52

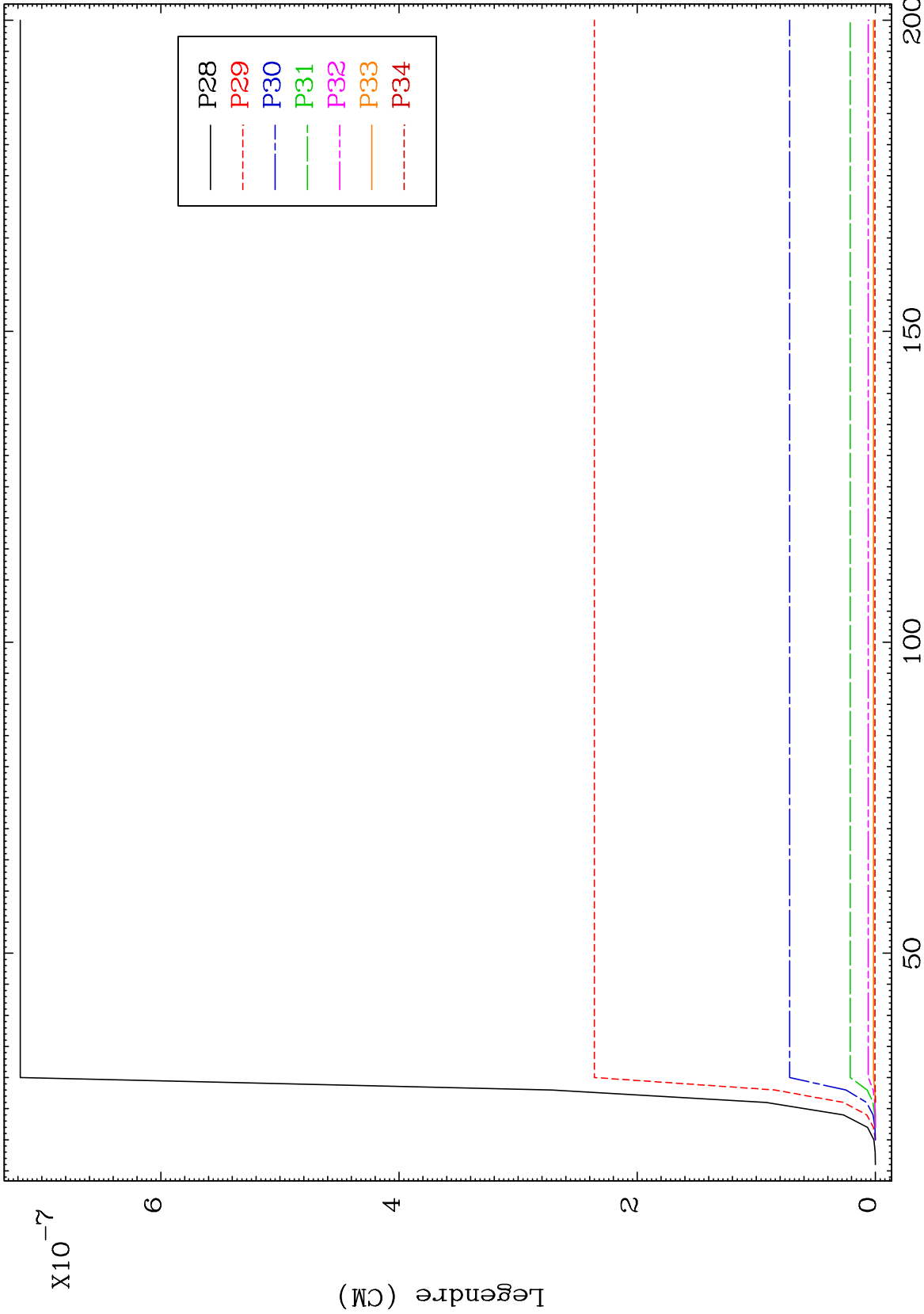
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



53

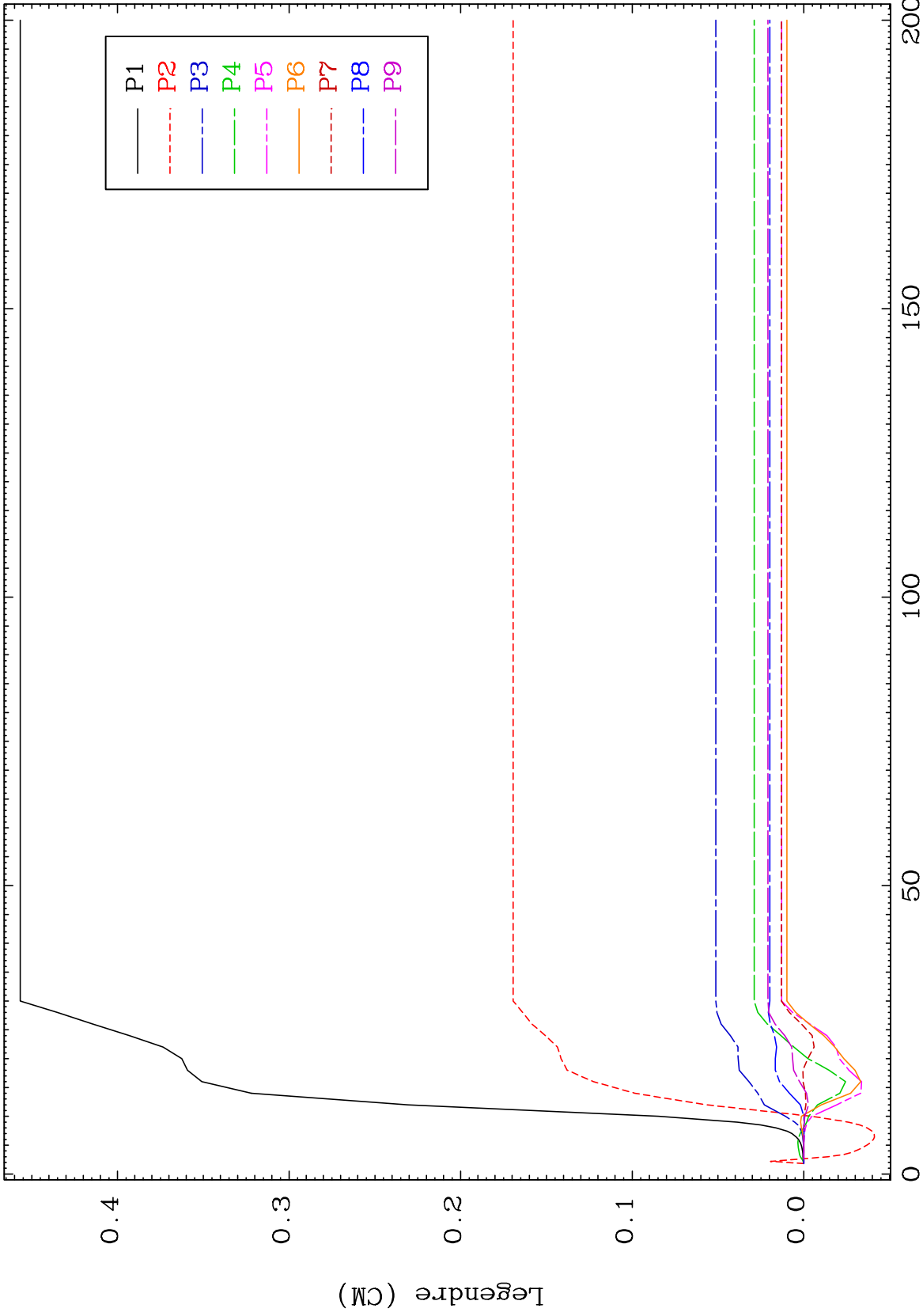
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



54

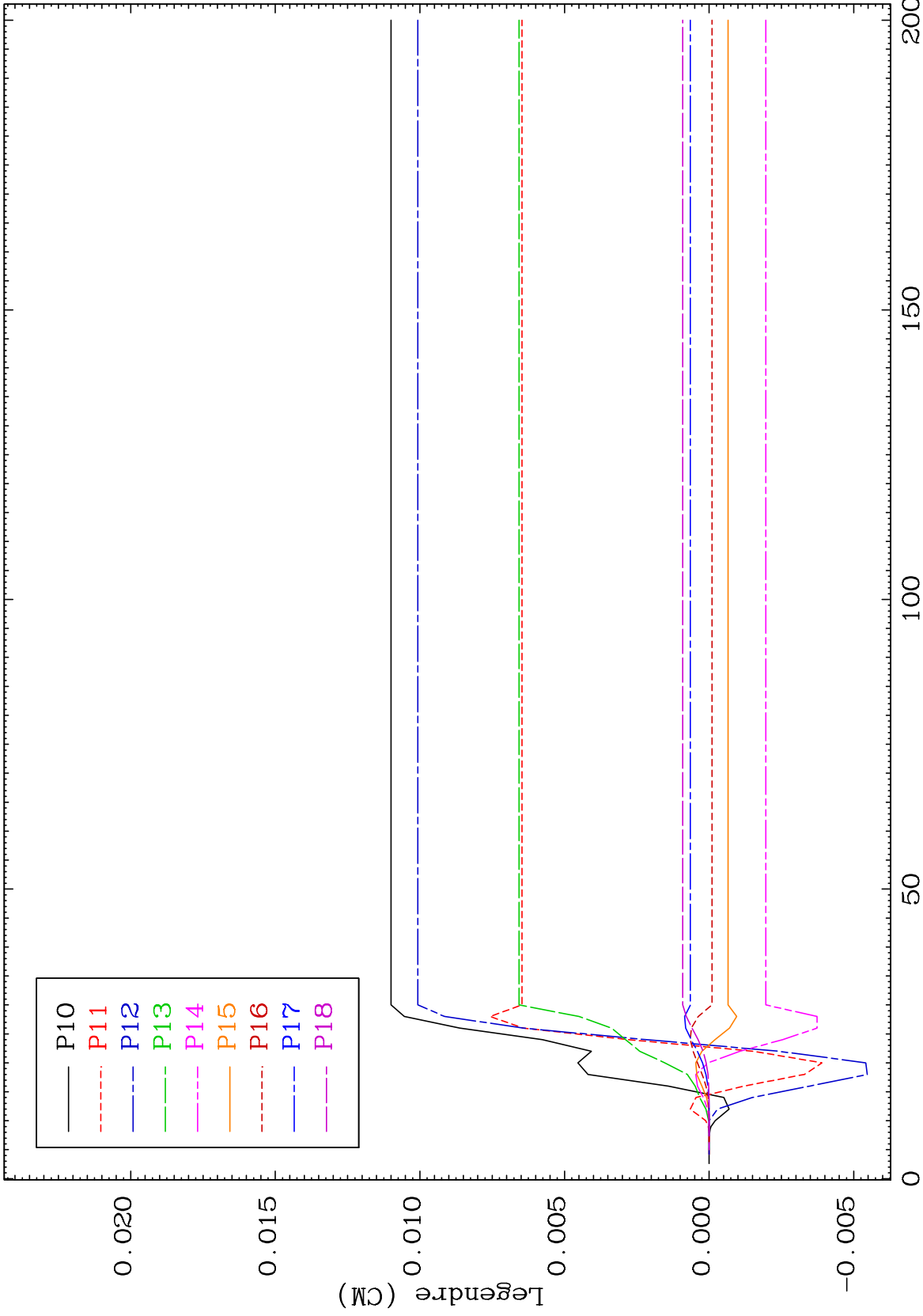
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



55

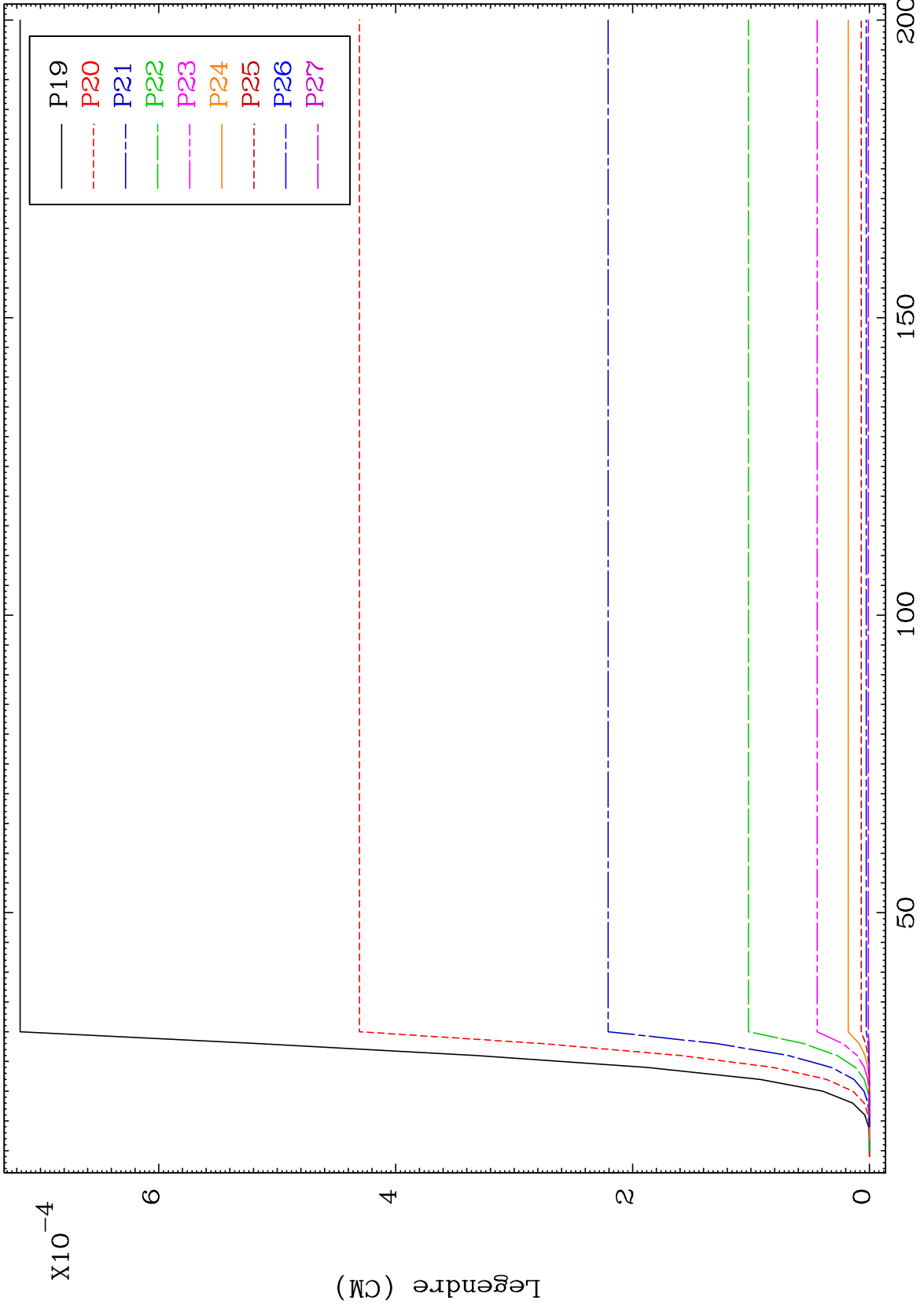
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



56

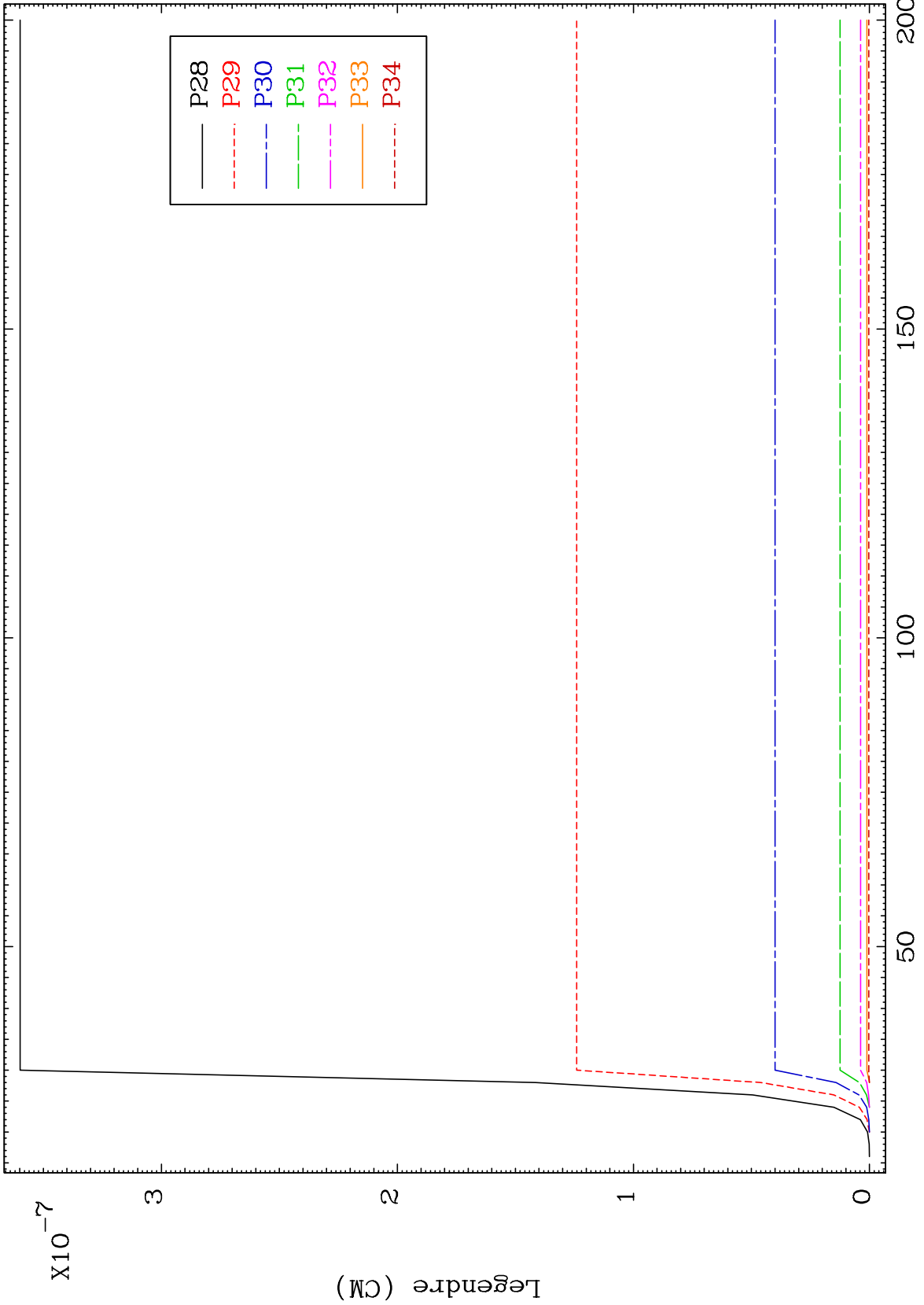
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



57

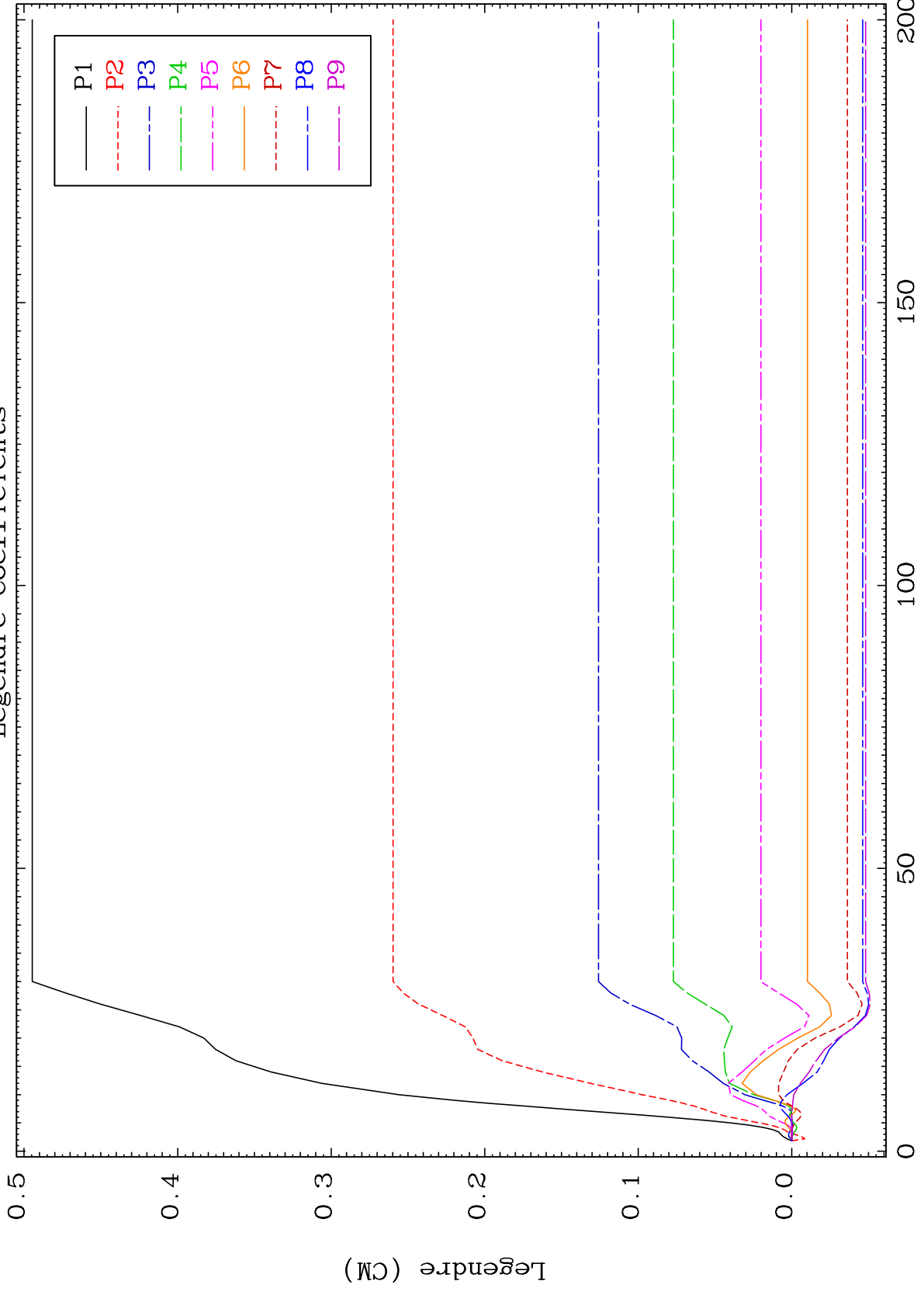
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



58

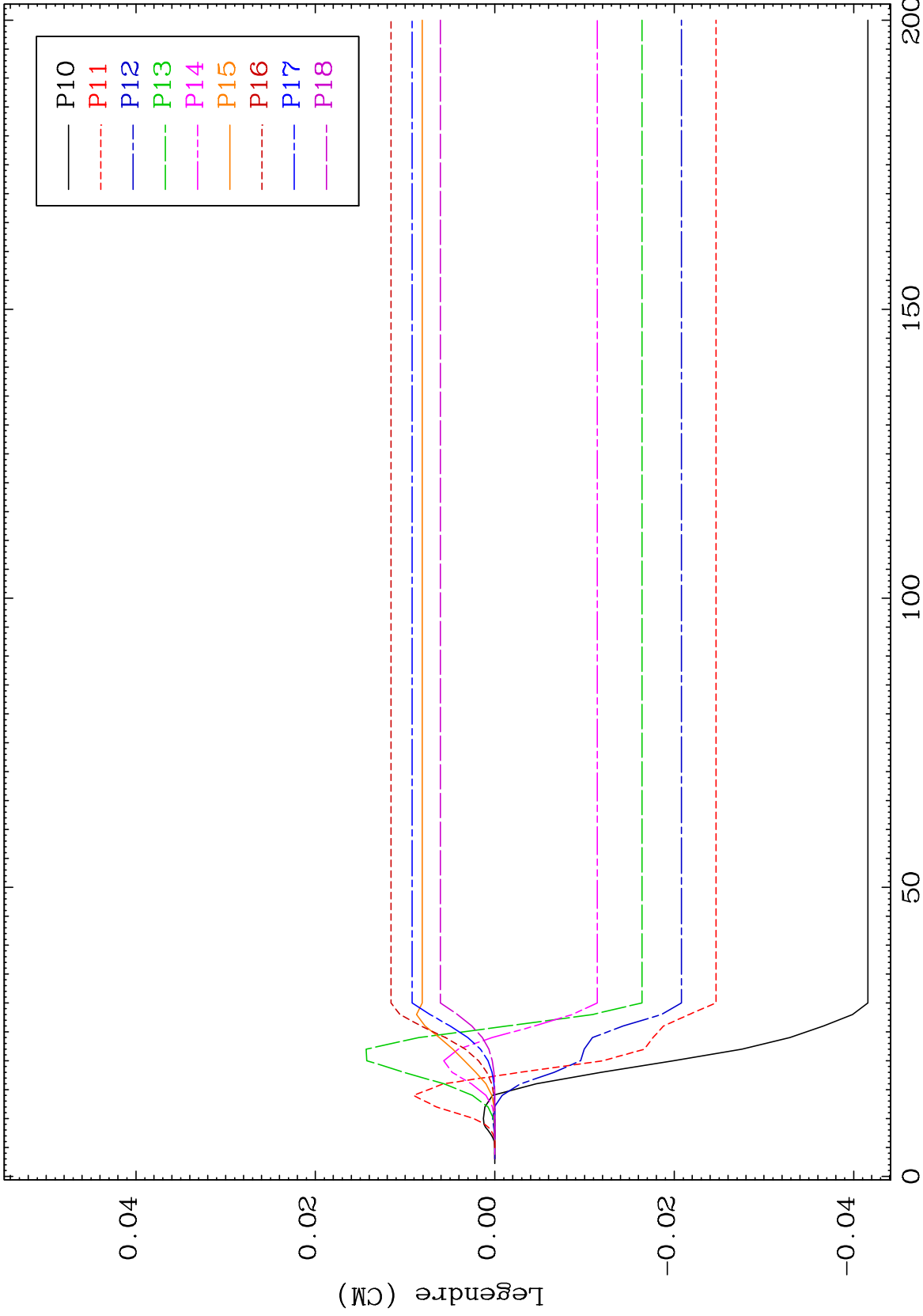
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



59

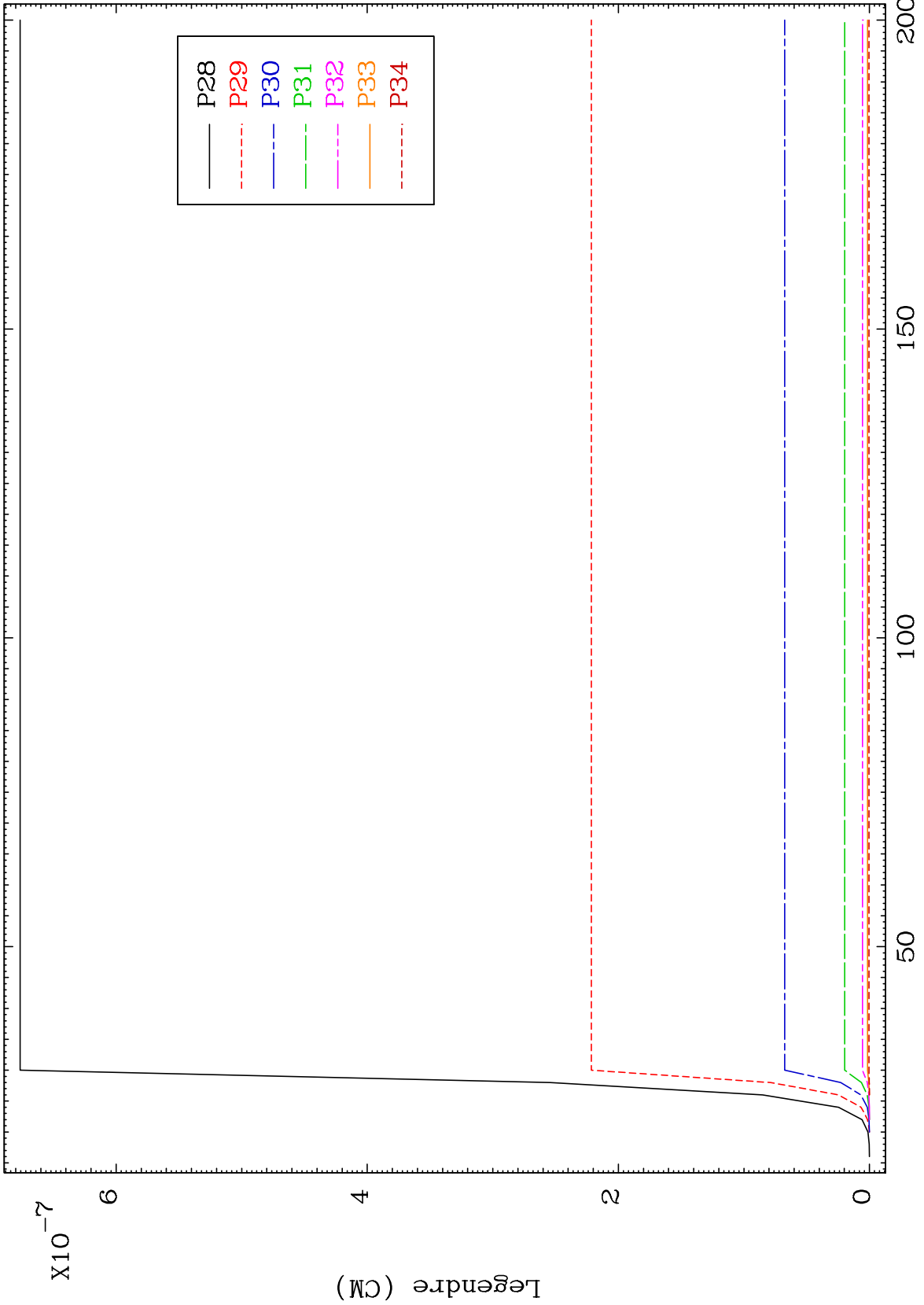
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93

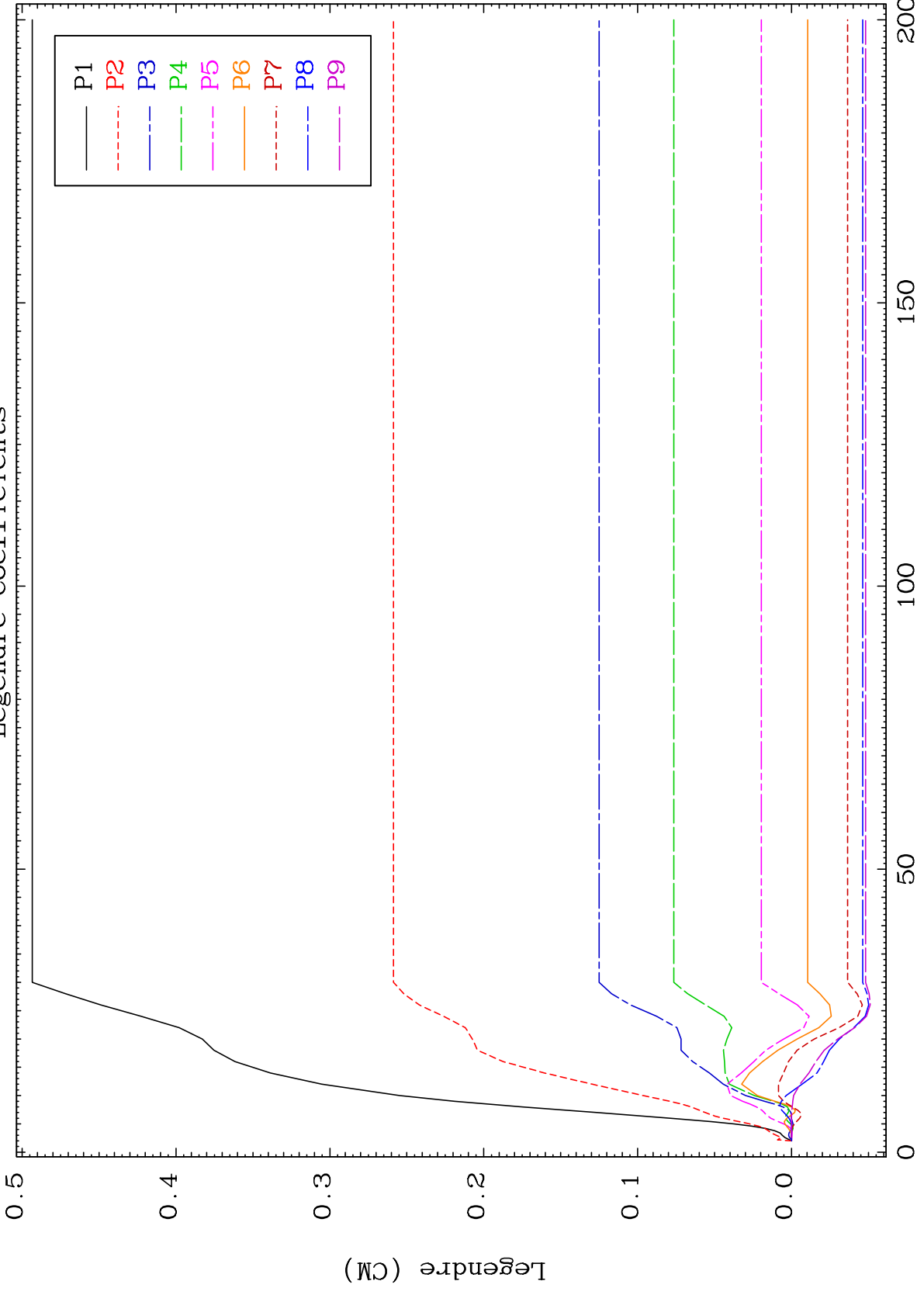


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Incident Energy (MeV)

43-Tc-93

MAT 4307 MT= 62 (n,n') Level Legendre Coefficients 43-Tc-93

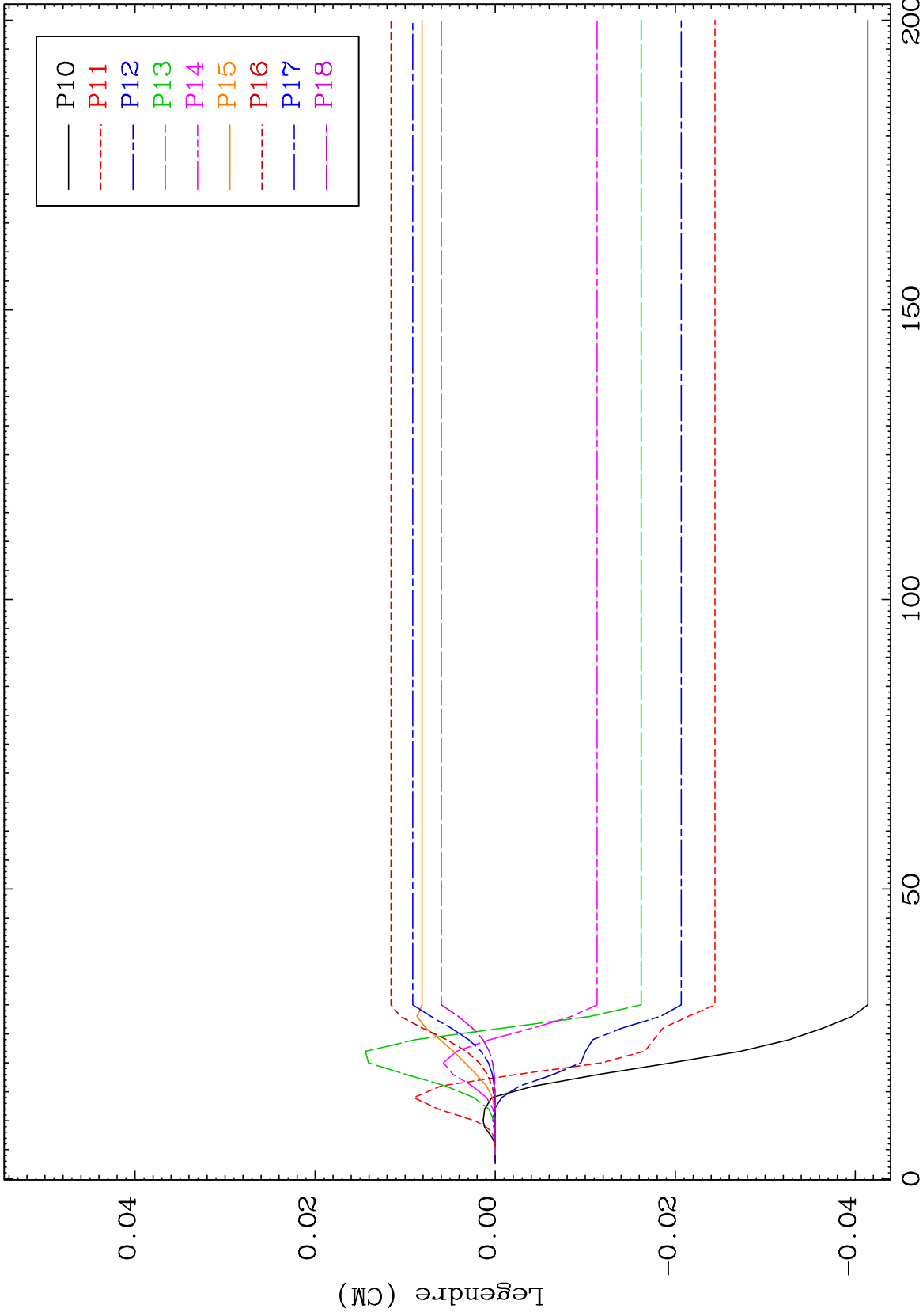


62 43-Tc-93

MAT 4307

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

43-Tc-93



63

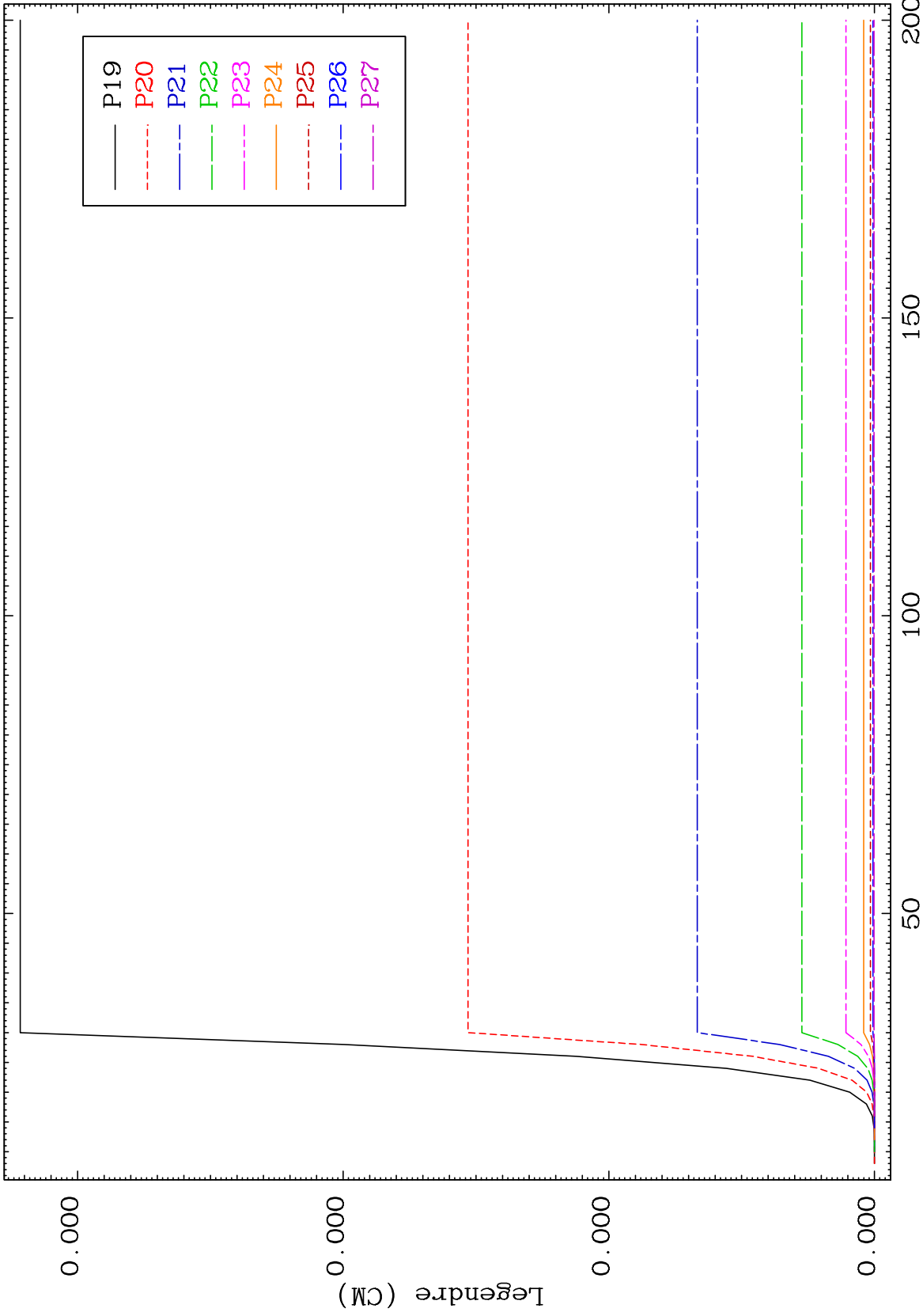
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



64

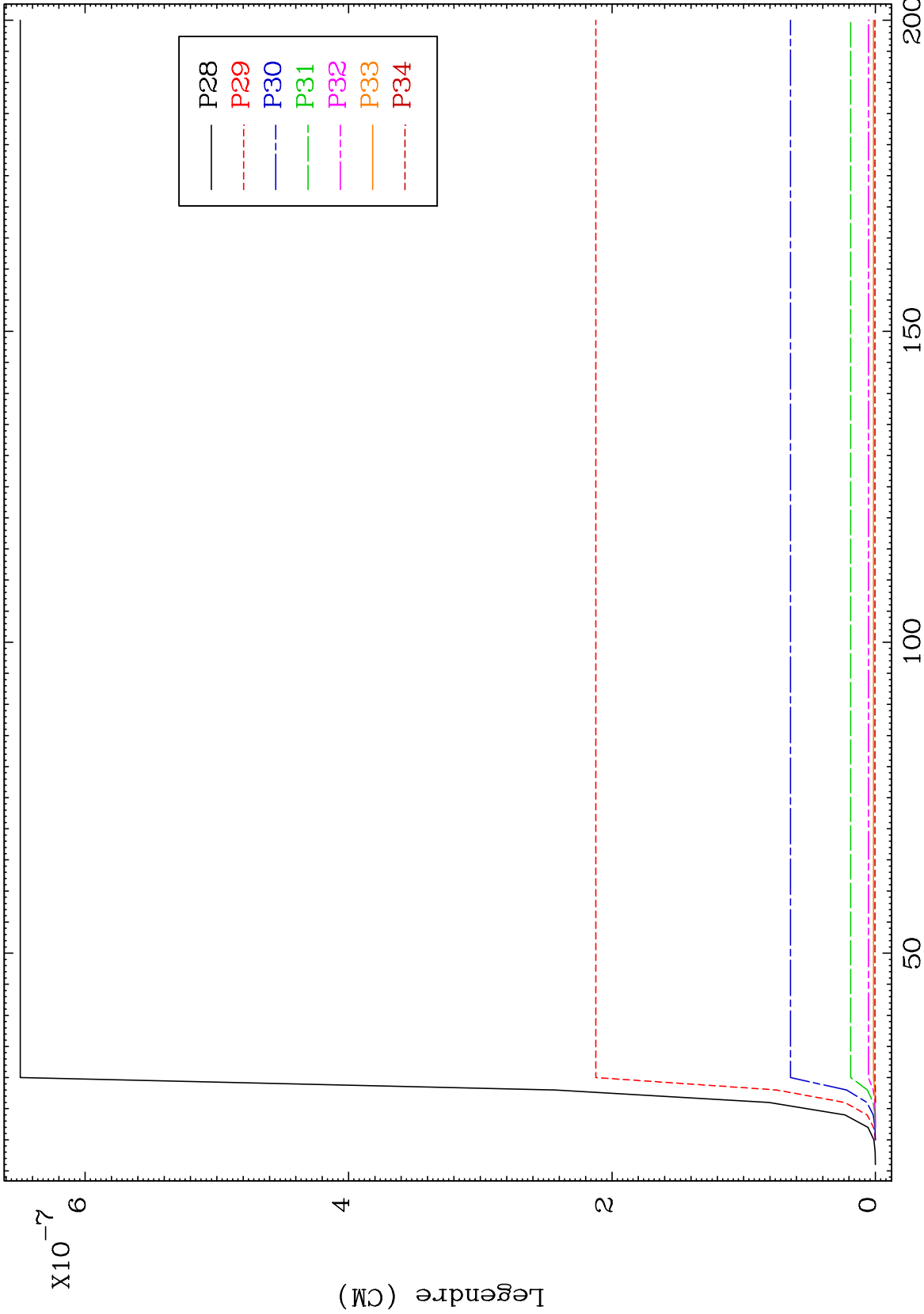
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



65

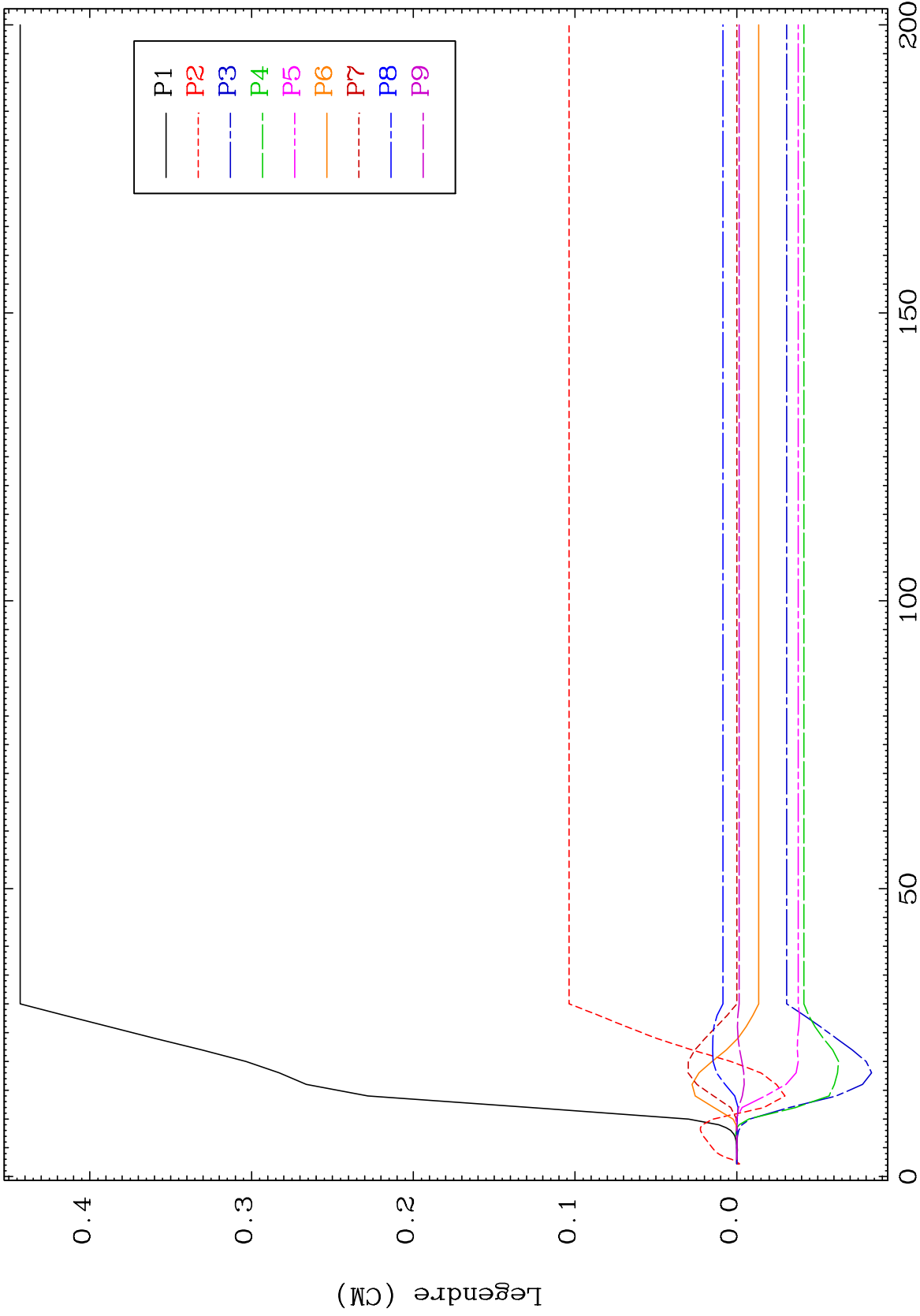
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93

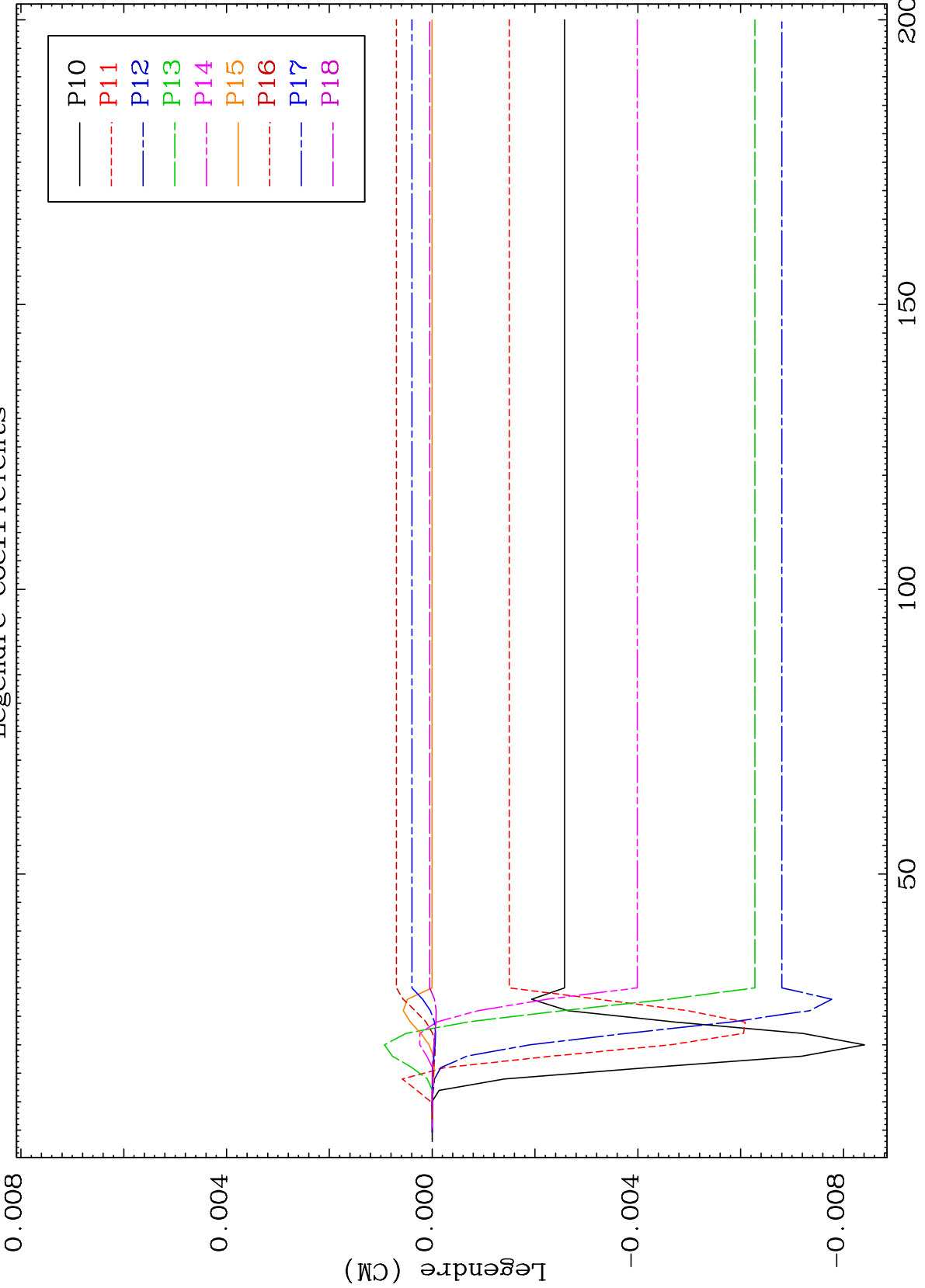


66

Incident Energy (MeV)

43-Tc-93

MAT 4307 MT= 63 (n,n') Level Legendre Coefficients 43-Tc-93

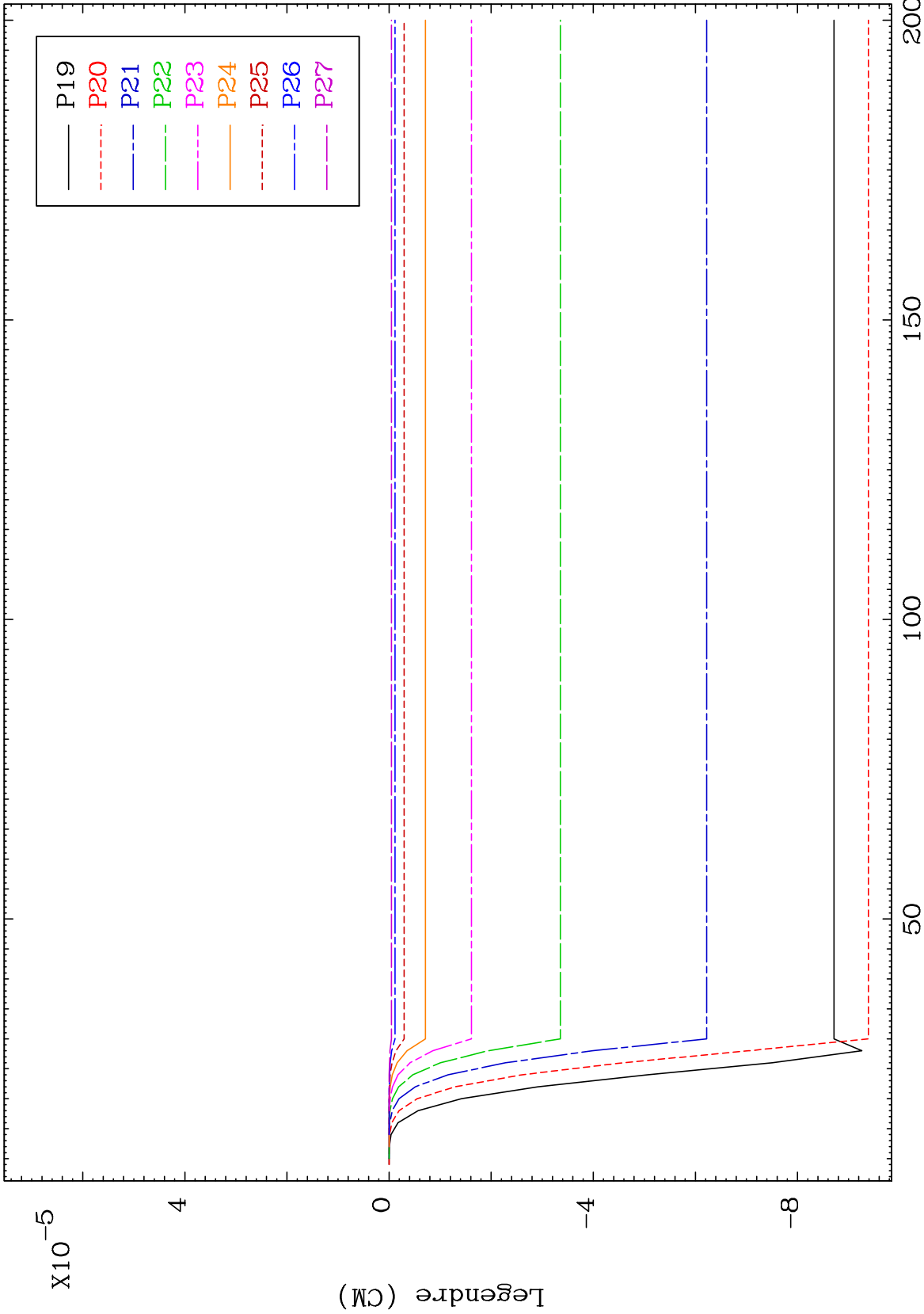


67 43-Tc-93

MAT 4307

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

43-Tc-93

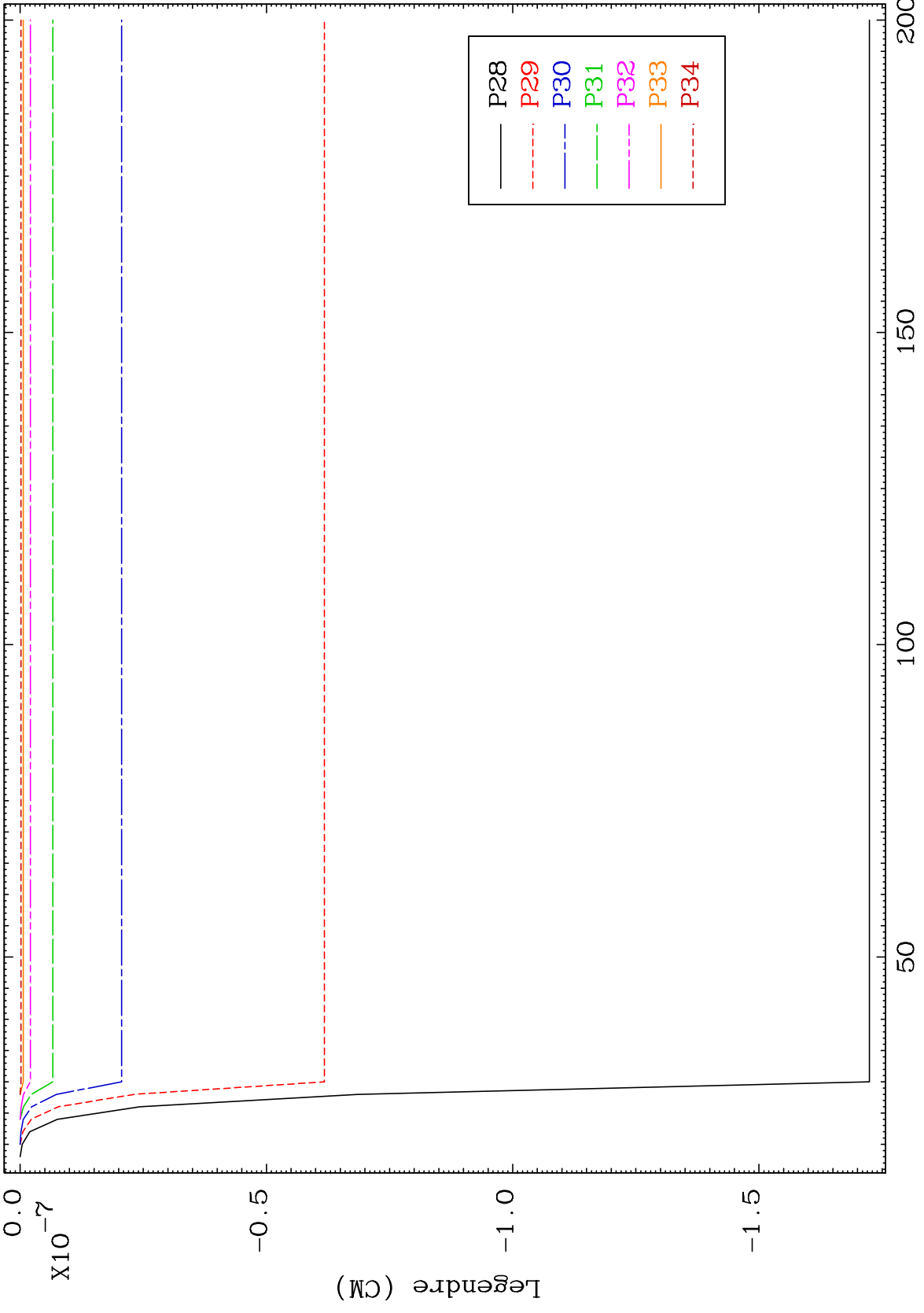


68

Incident Energy (MeV)

43-Tc-93

MAT 4307 MT= 63 (n,n') Level Legendre Coefficients 43-Tc-93

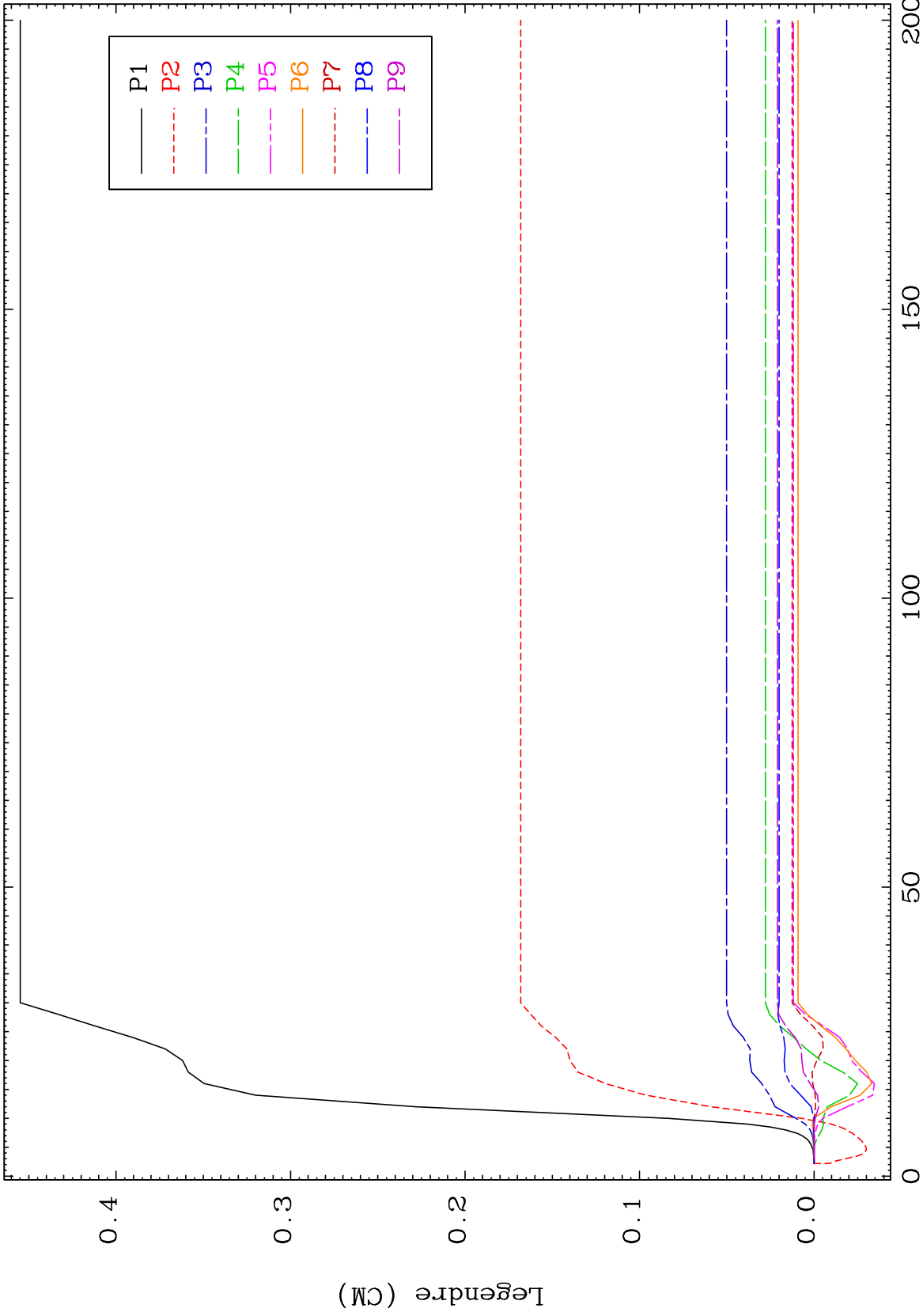


69 43-Tc-93

MAT 4307

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

43-Tc-93



70

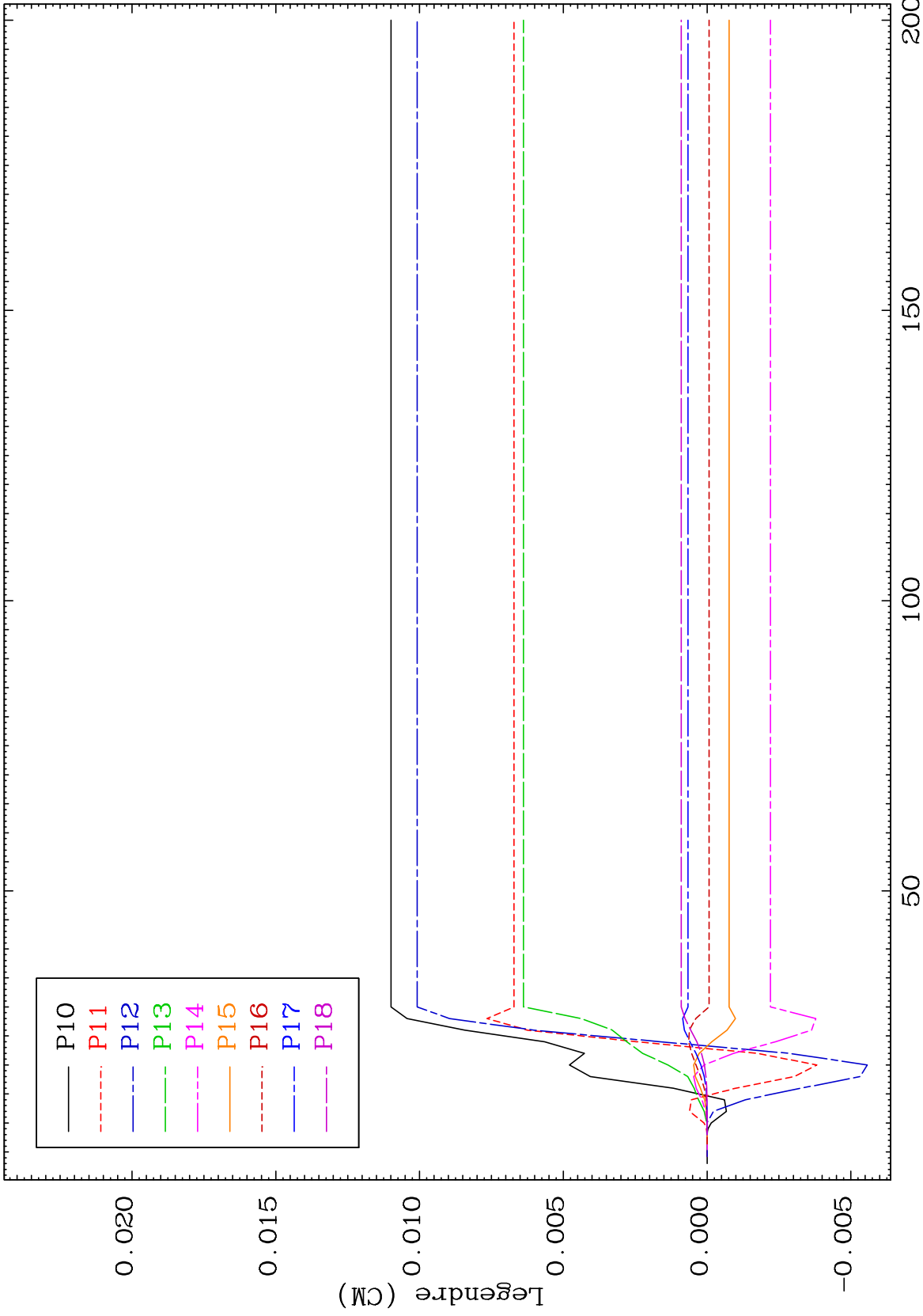
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



71

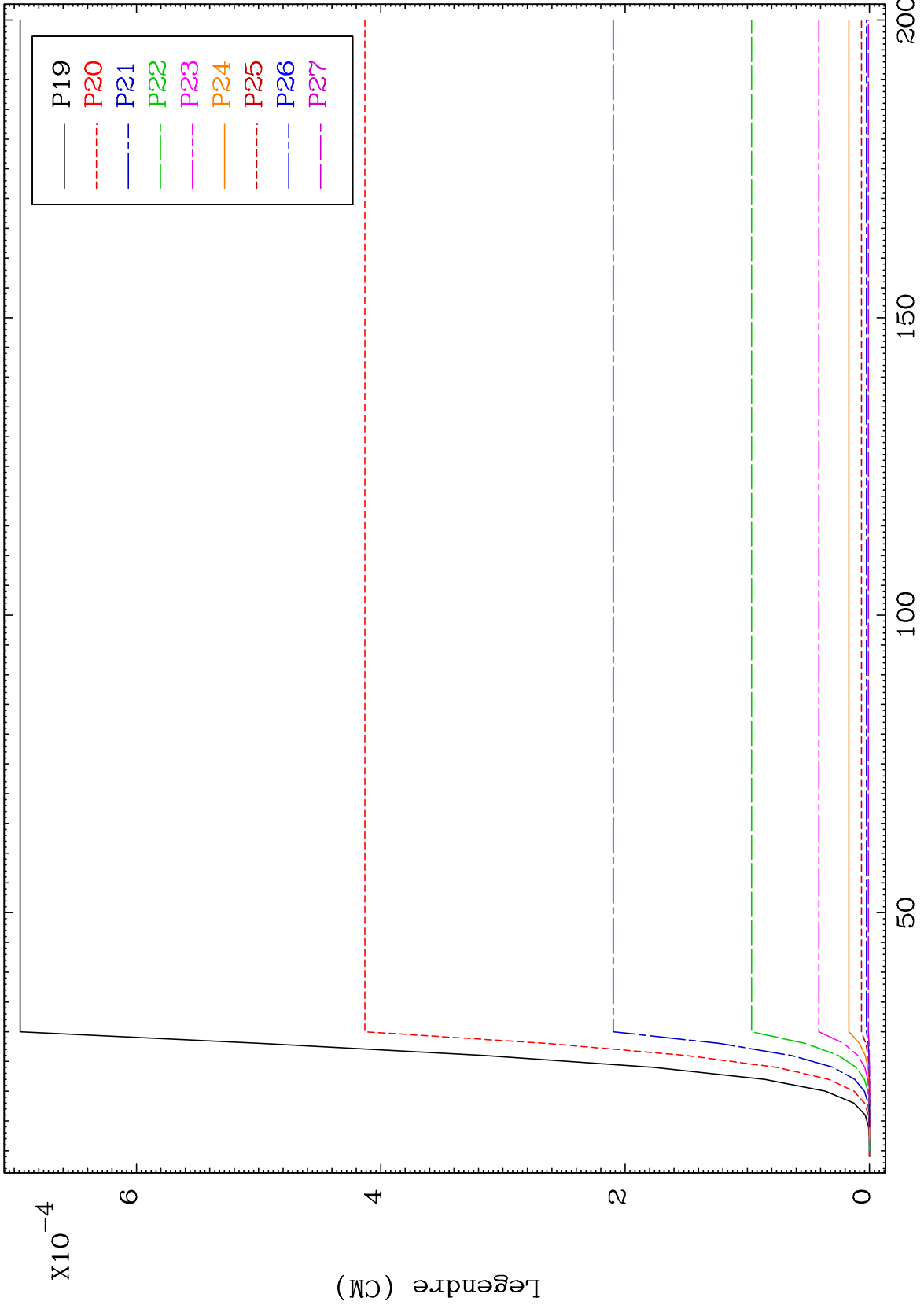
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



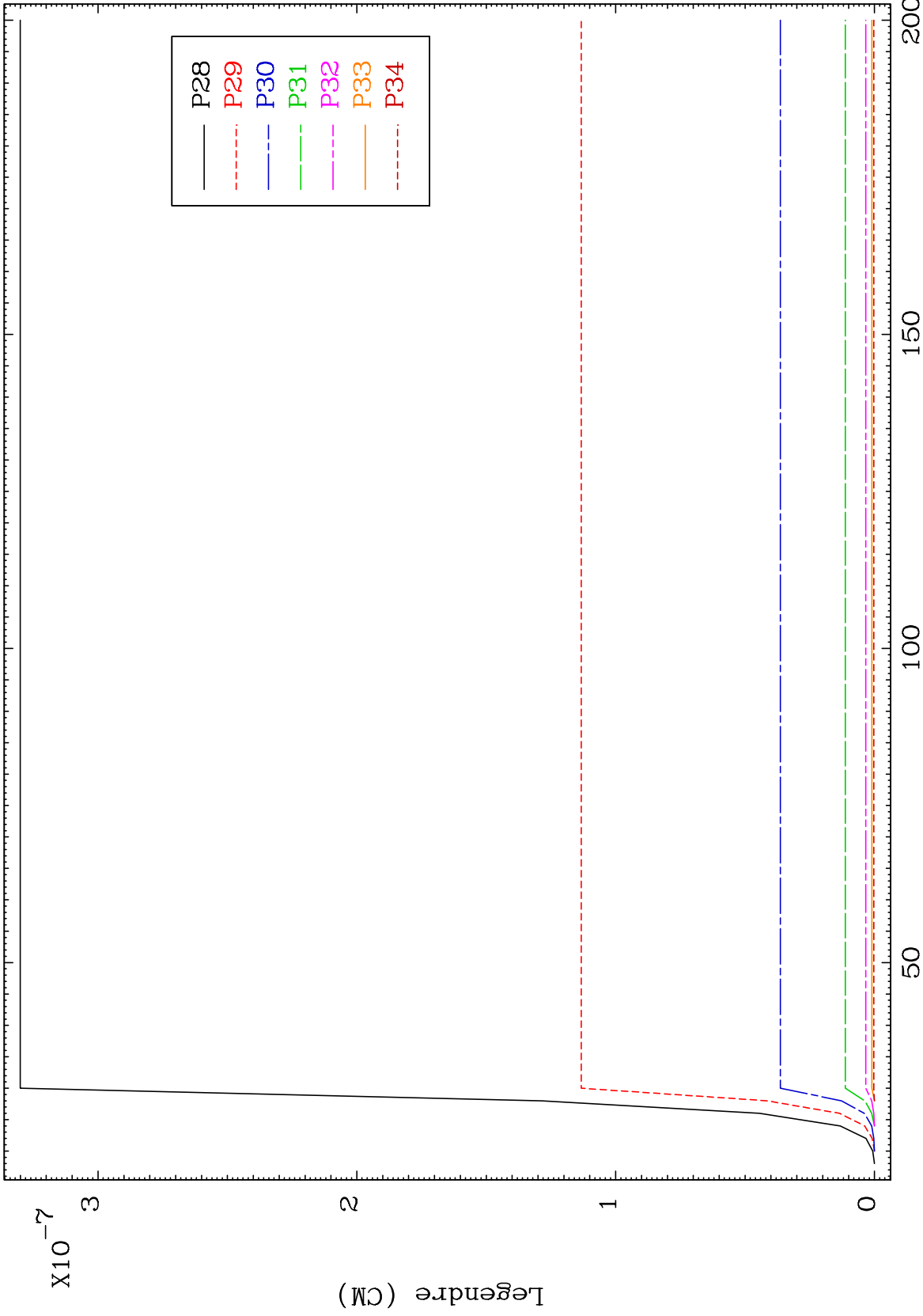
72

43-Tc-93

MAT 4307

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

43-Tc-93



73

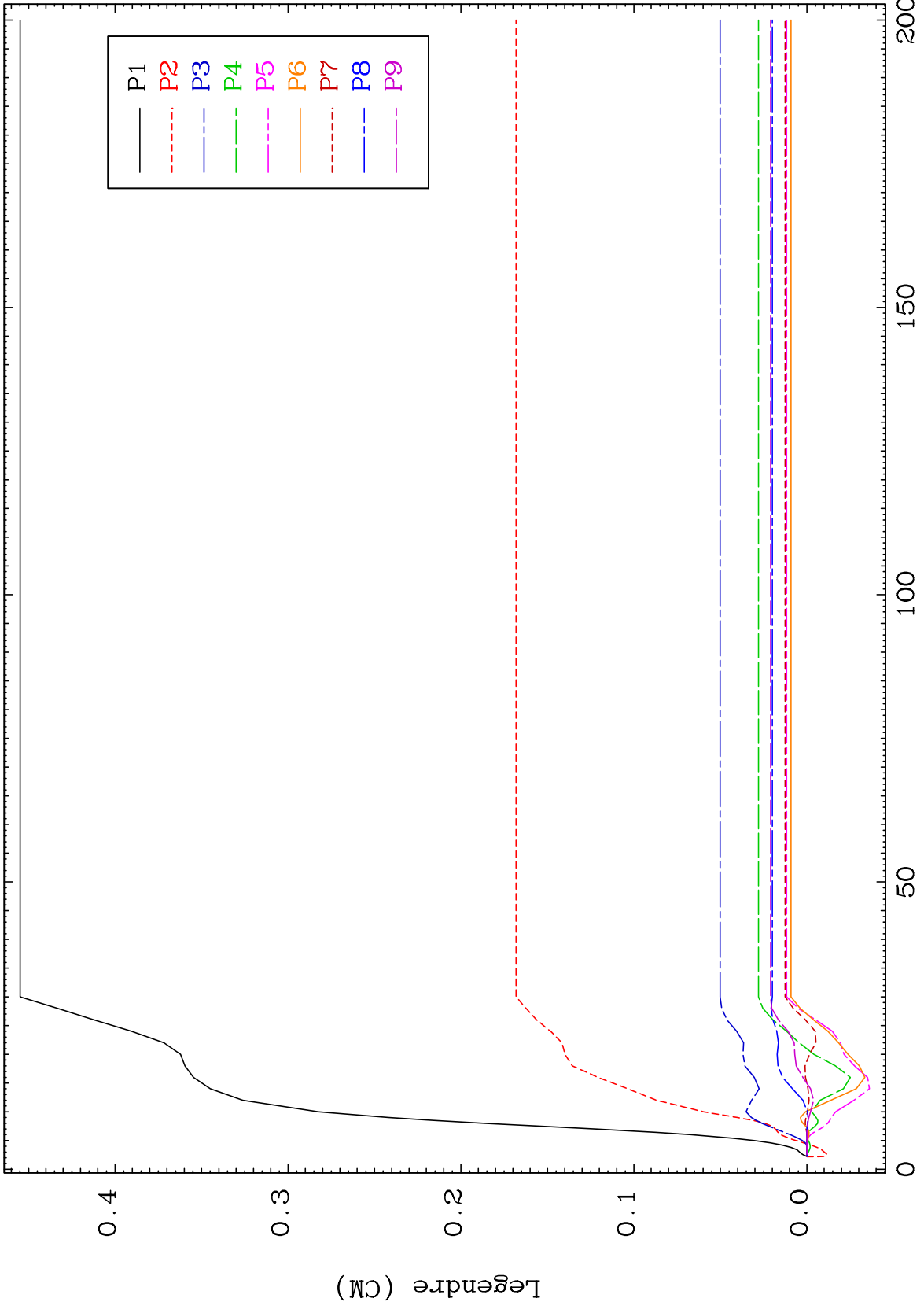
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



74

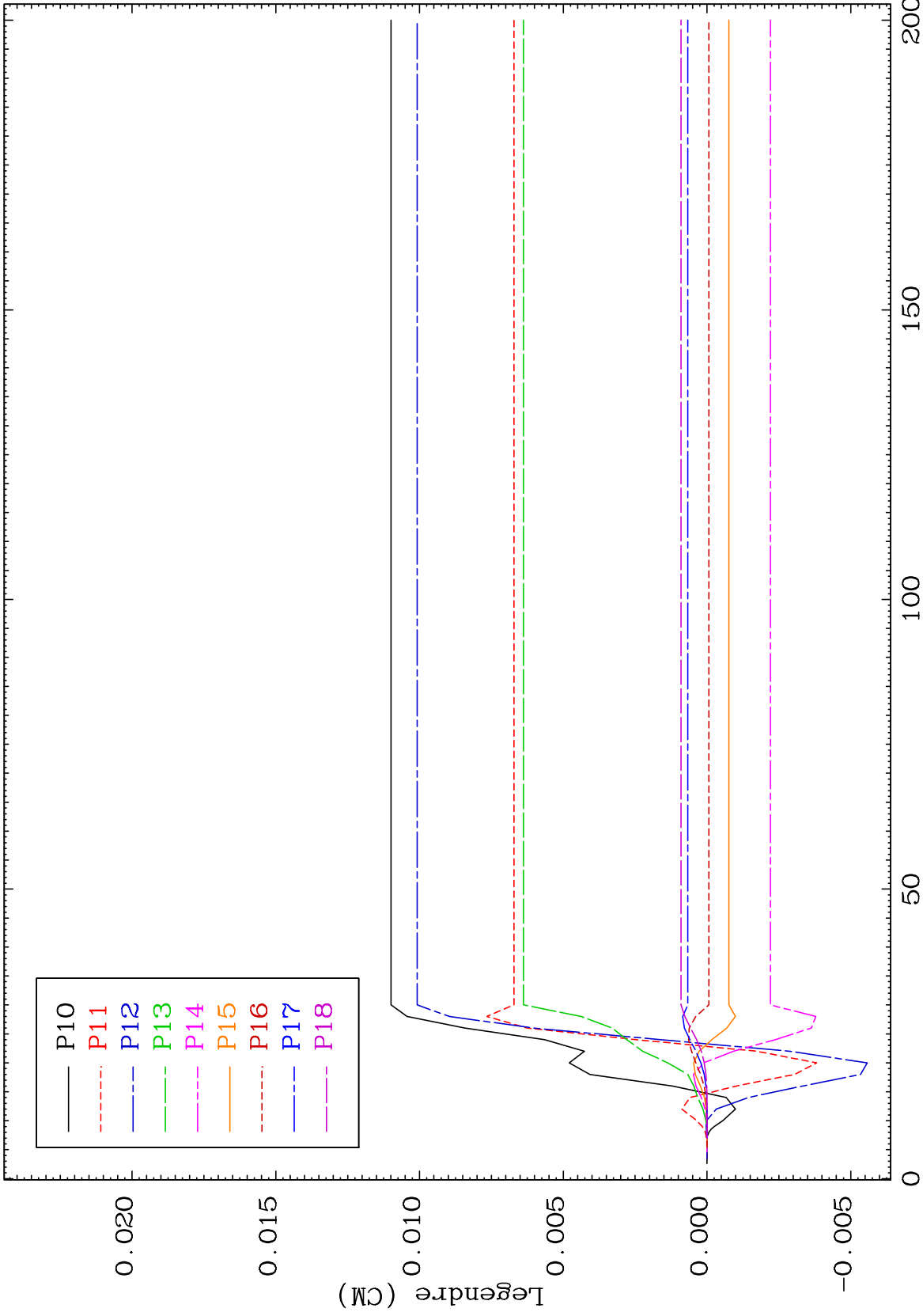
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



75

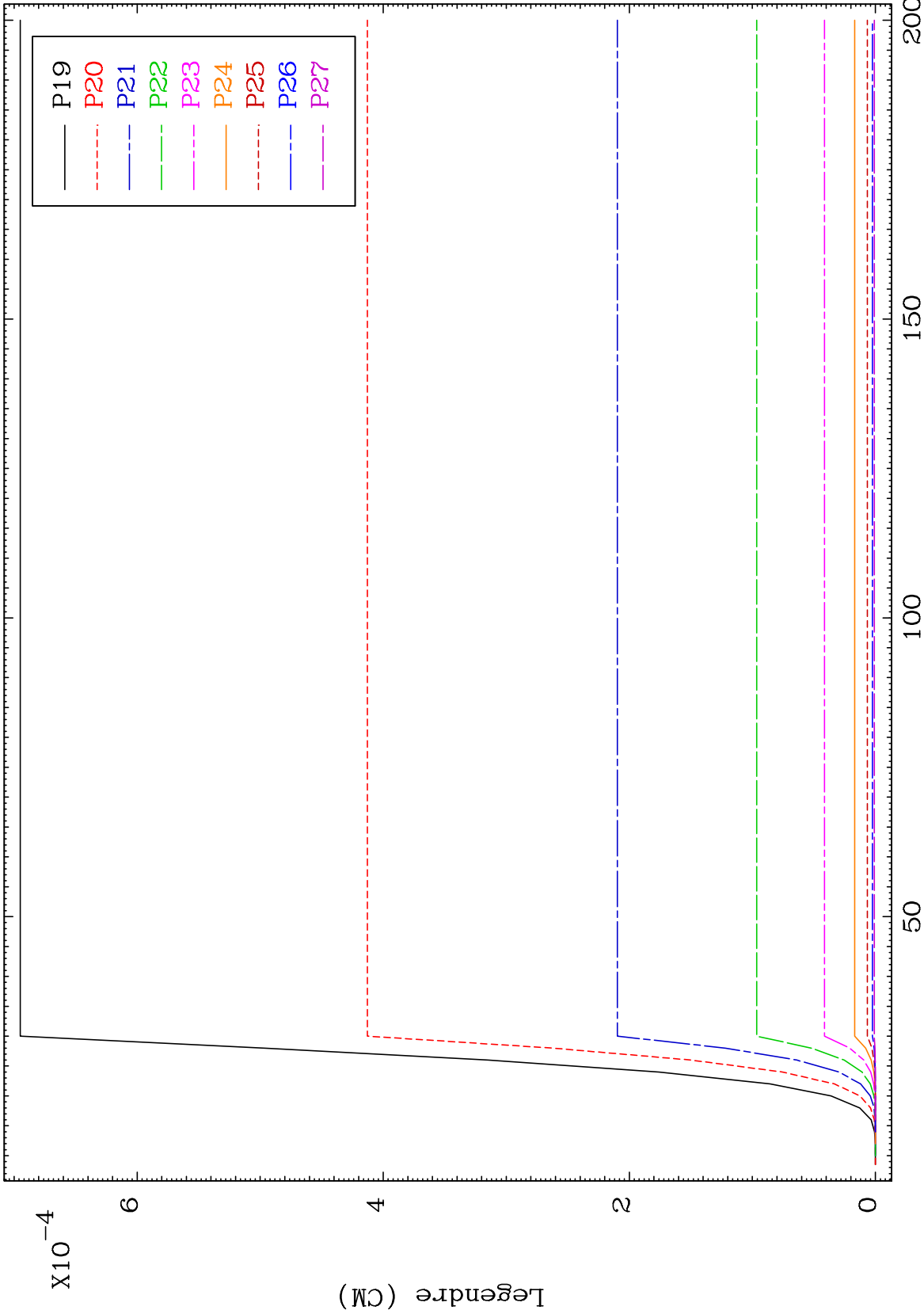
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



76

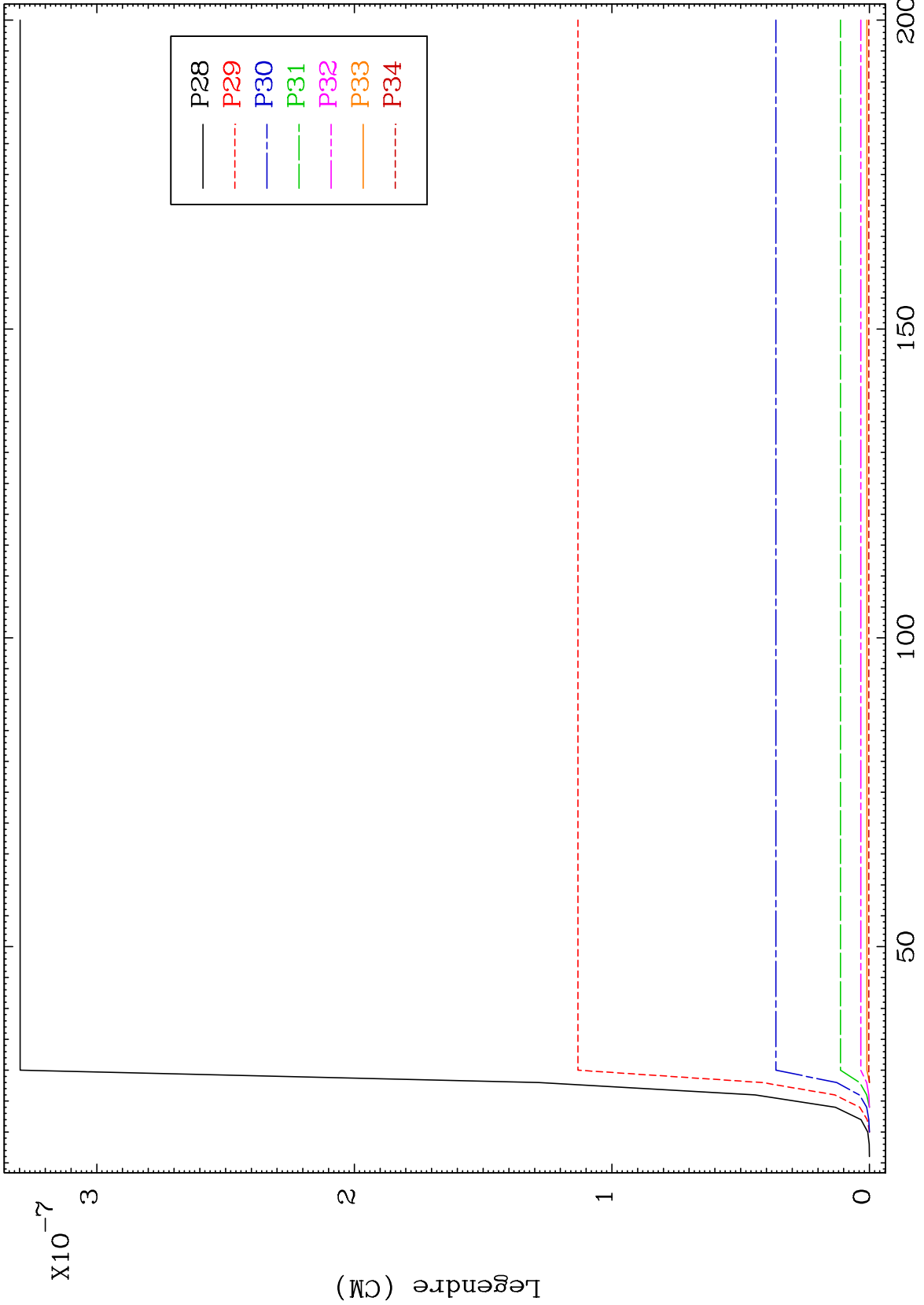
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



77

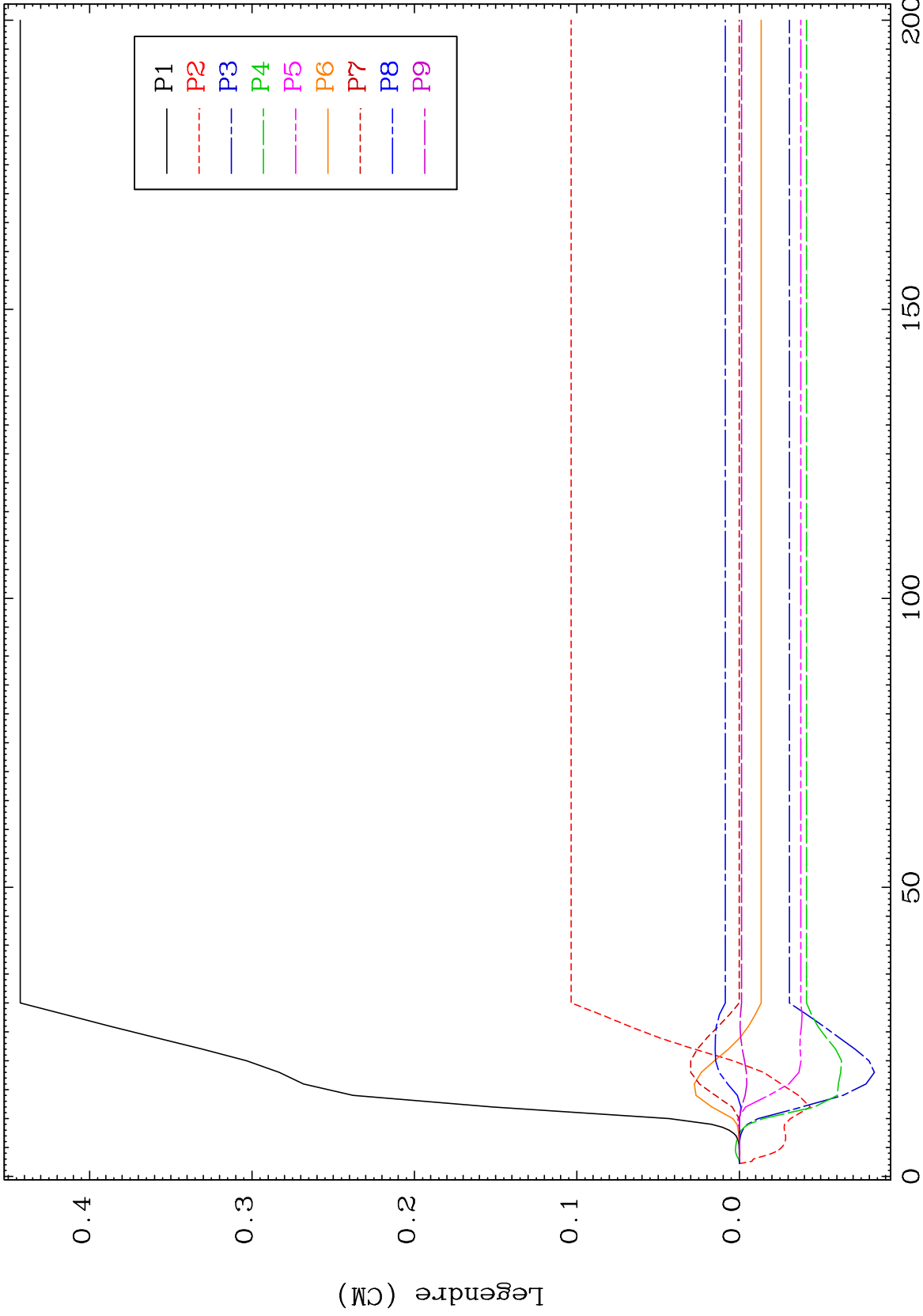
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93

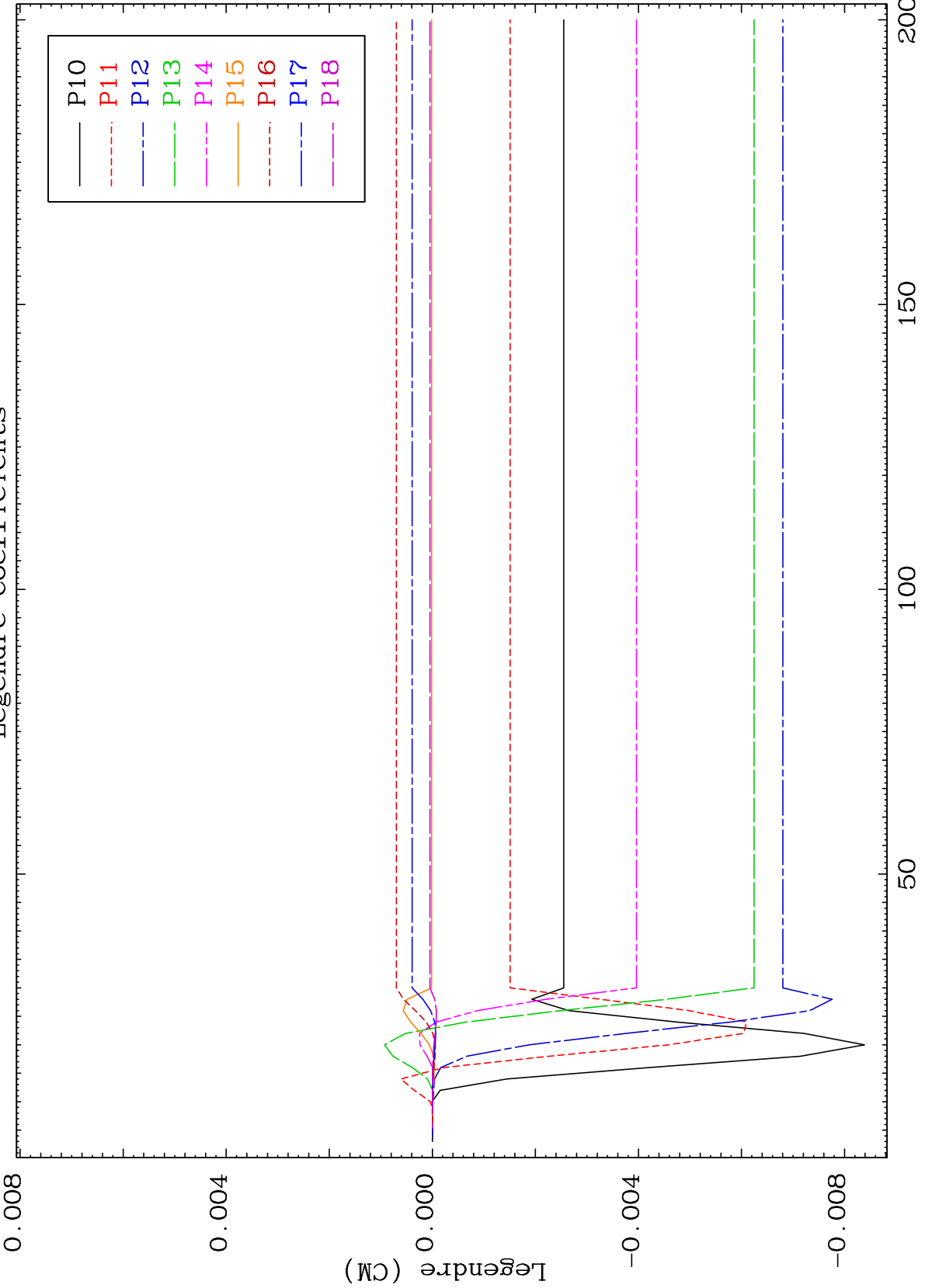


78

Incident Energy (MeV)

43-Tc-93

MAT 4307 MT= 66 (n,n') Level Legendre Coefficients 43-Tc-93



43-Tc-93

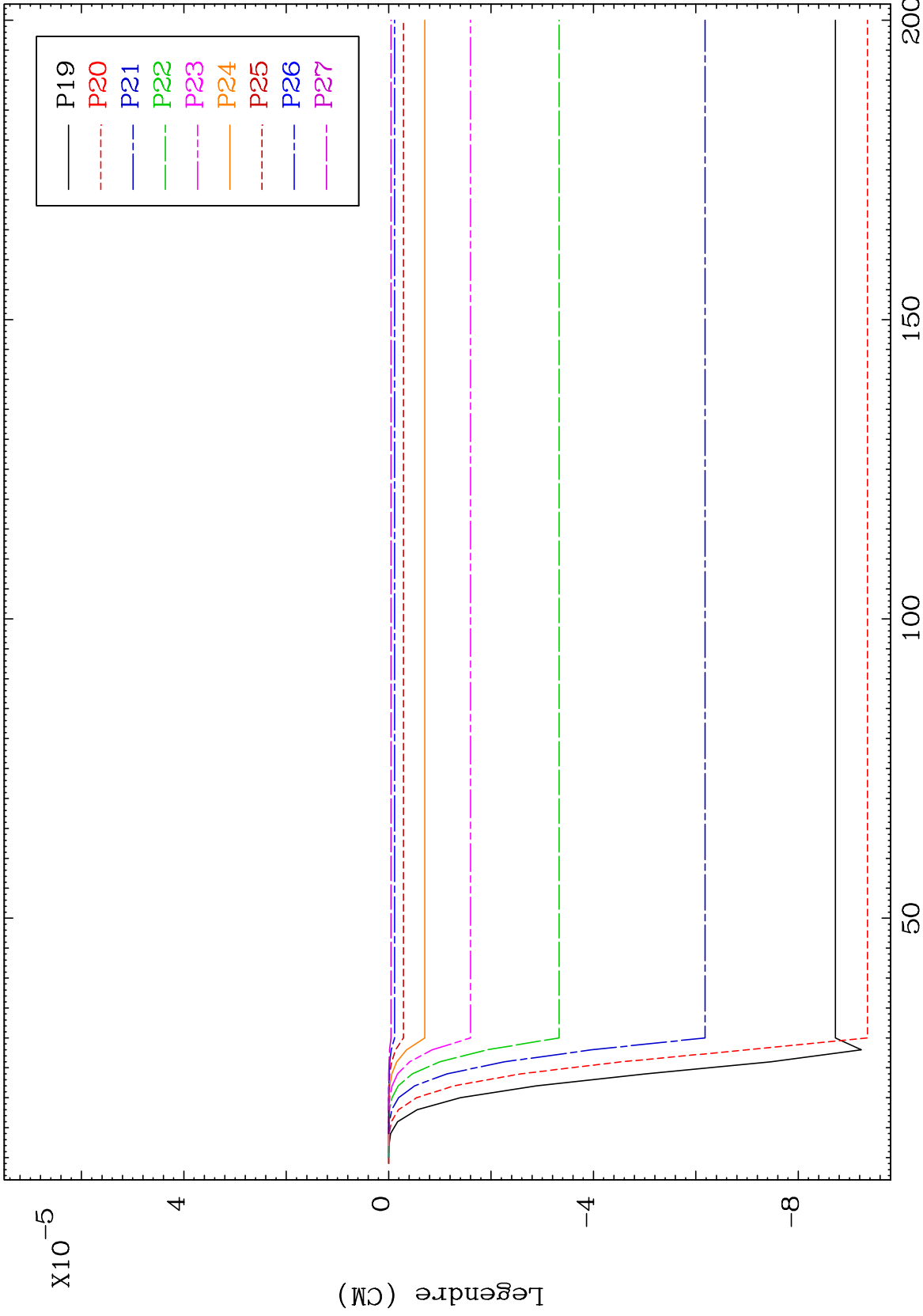
Incident Energy (MeV)

79

MAT 4307

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

43-Tc-93



80

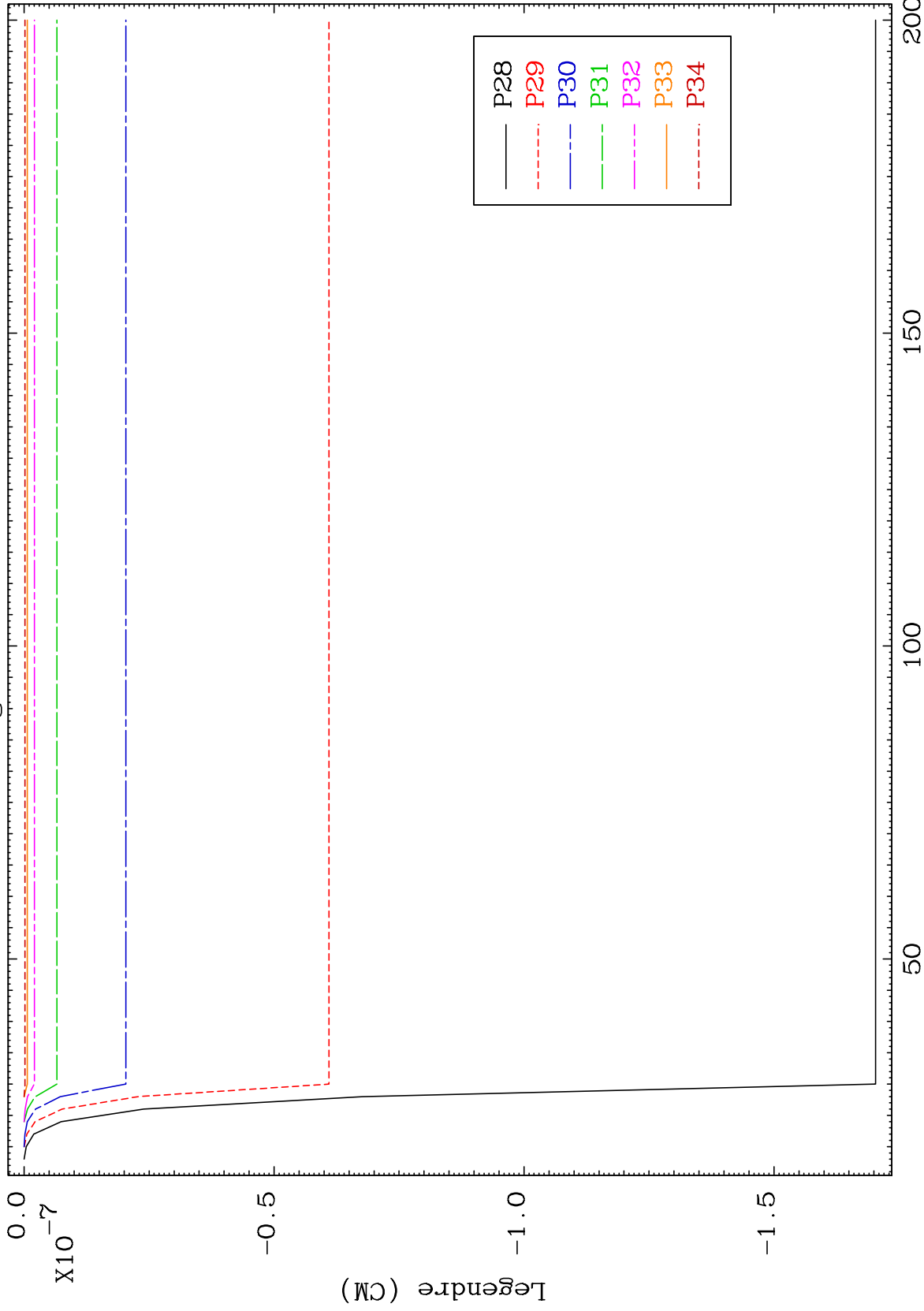
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



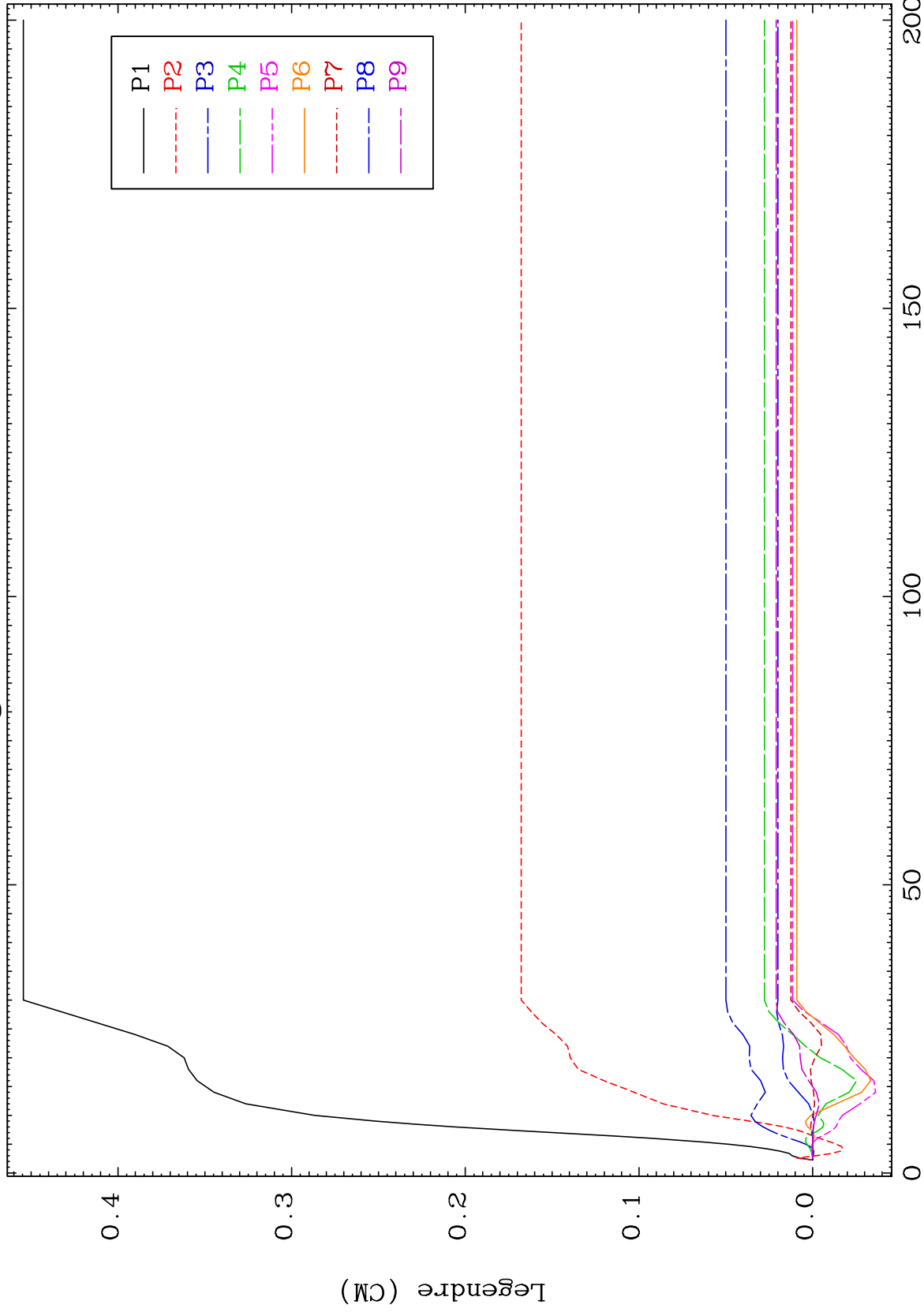
81

43-Tc-93

MAT 4307

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

43-Tc-93



82

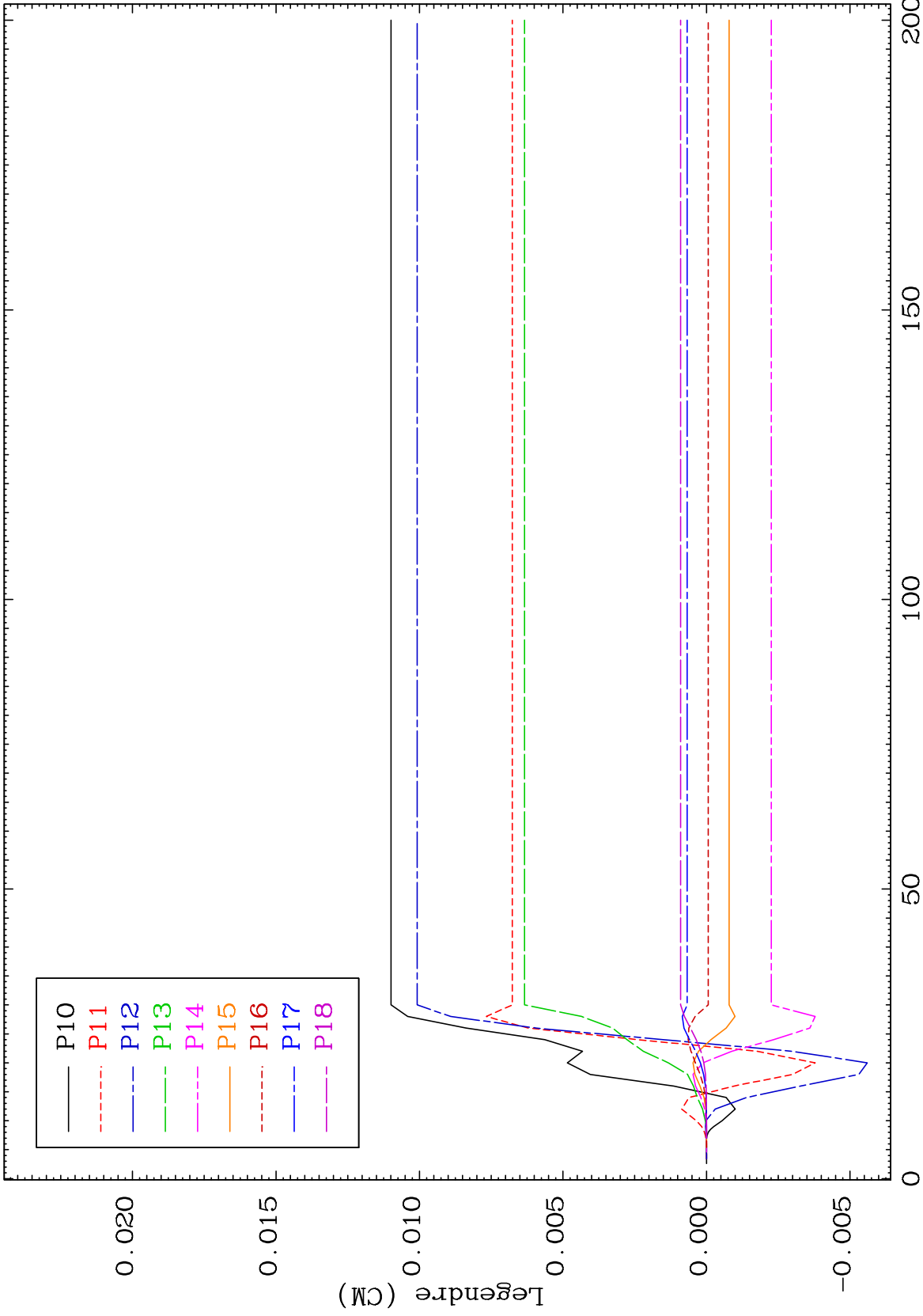
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



83

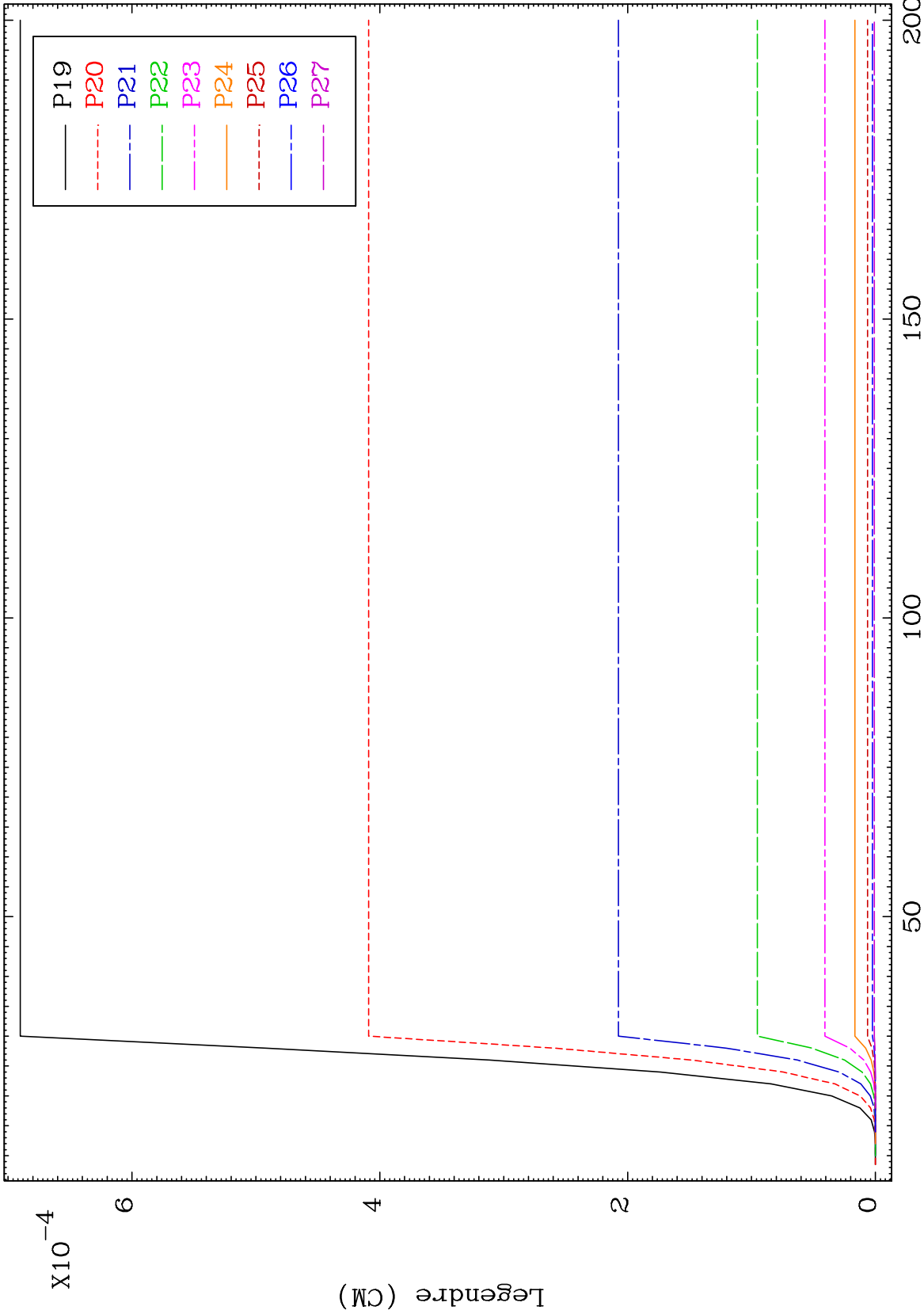
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



84

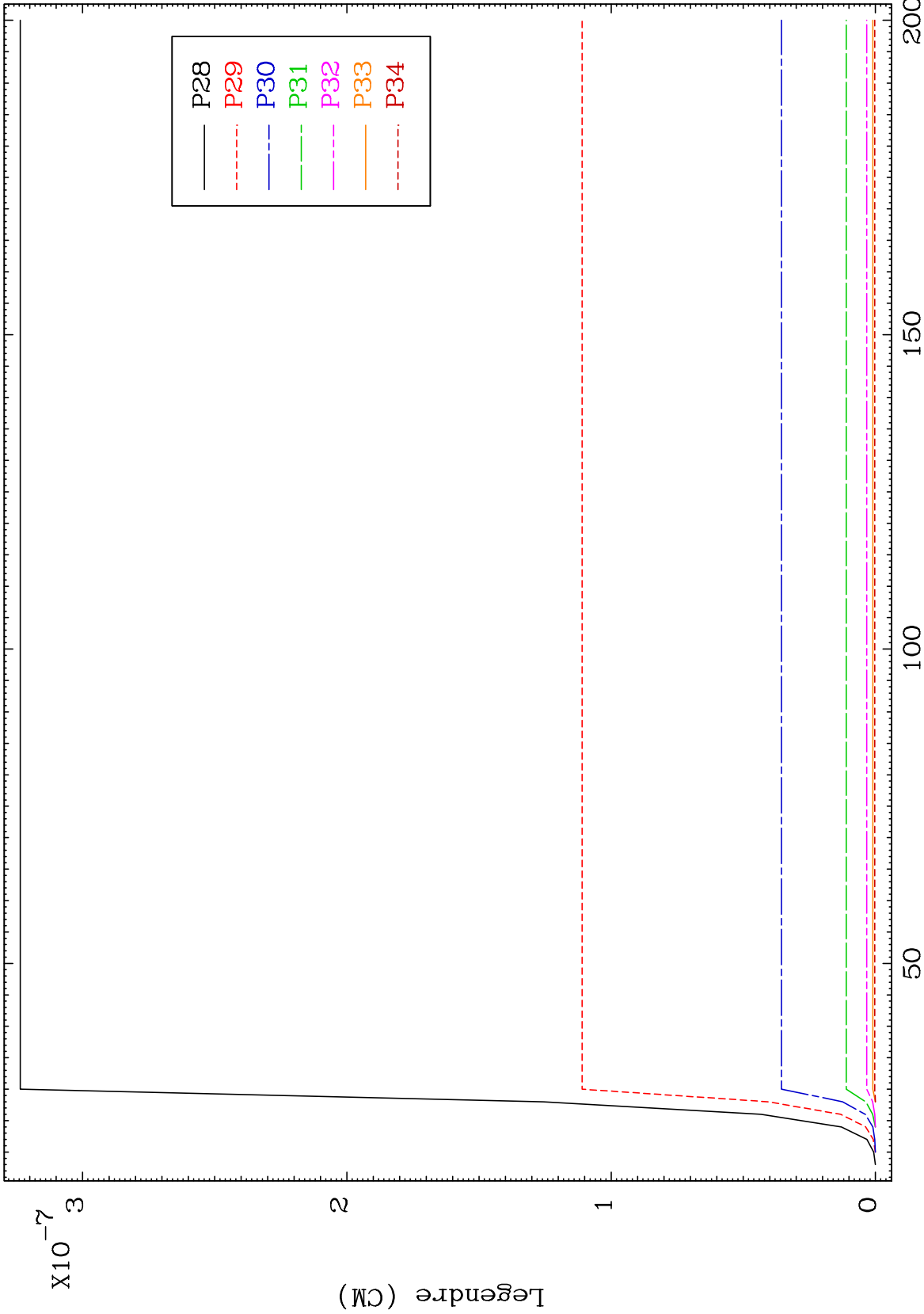
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



85

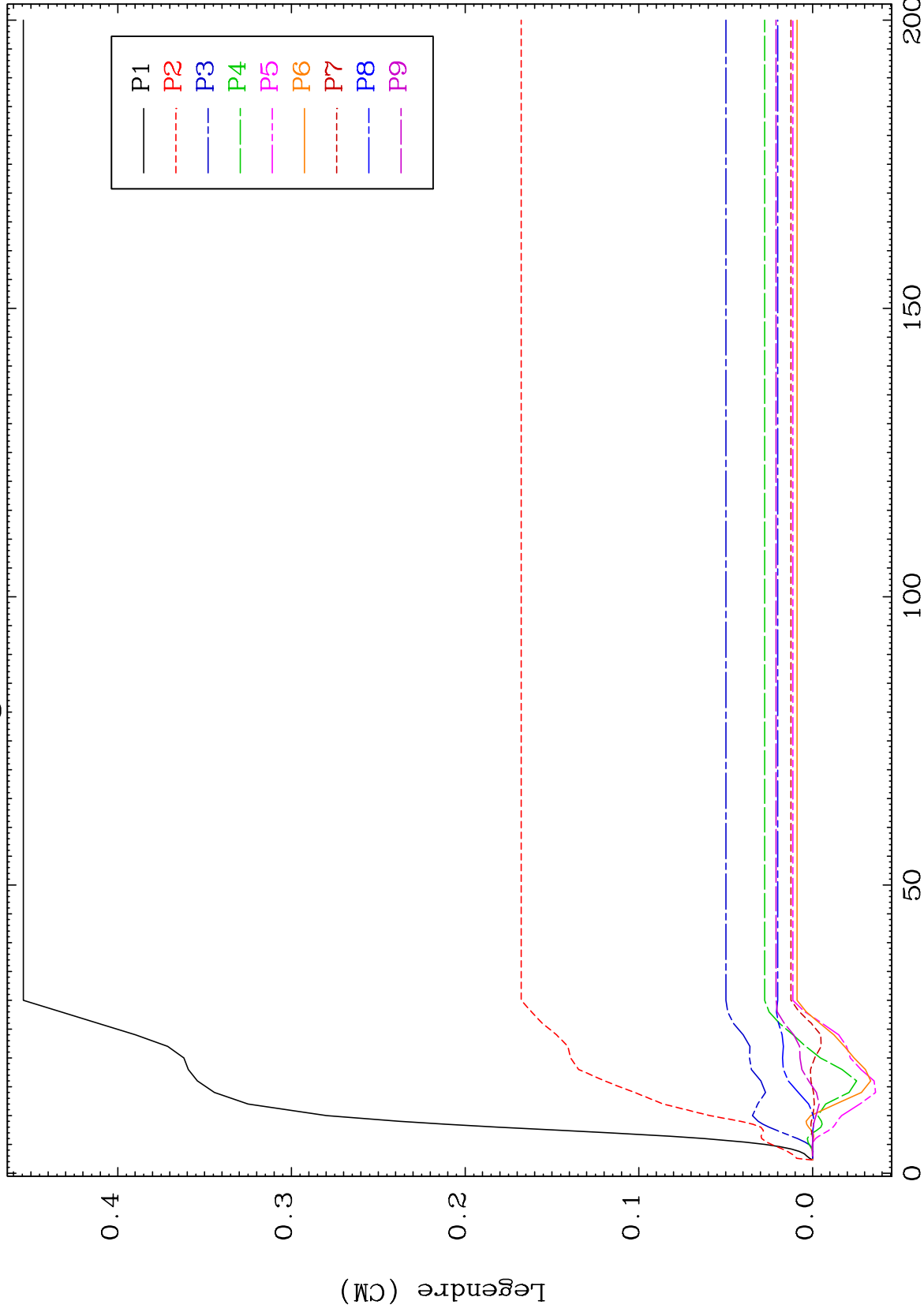
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



86

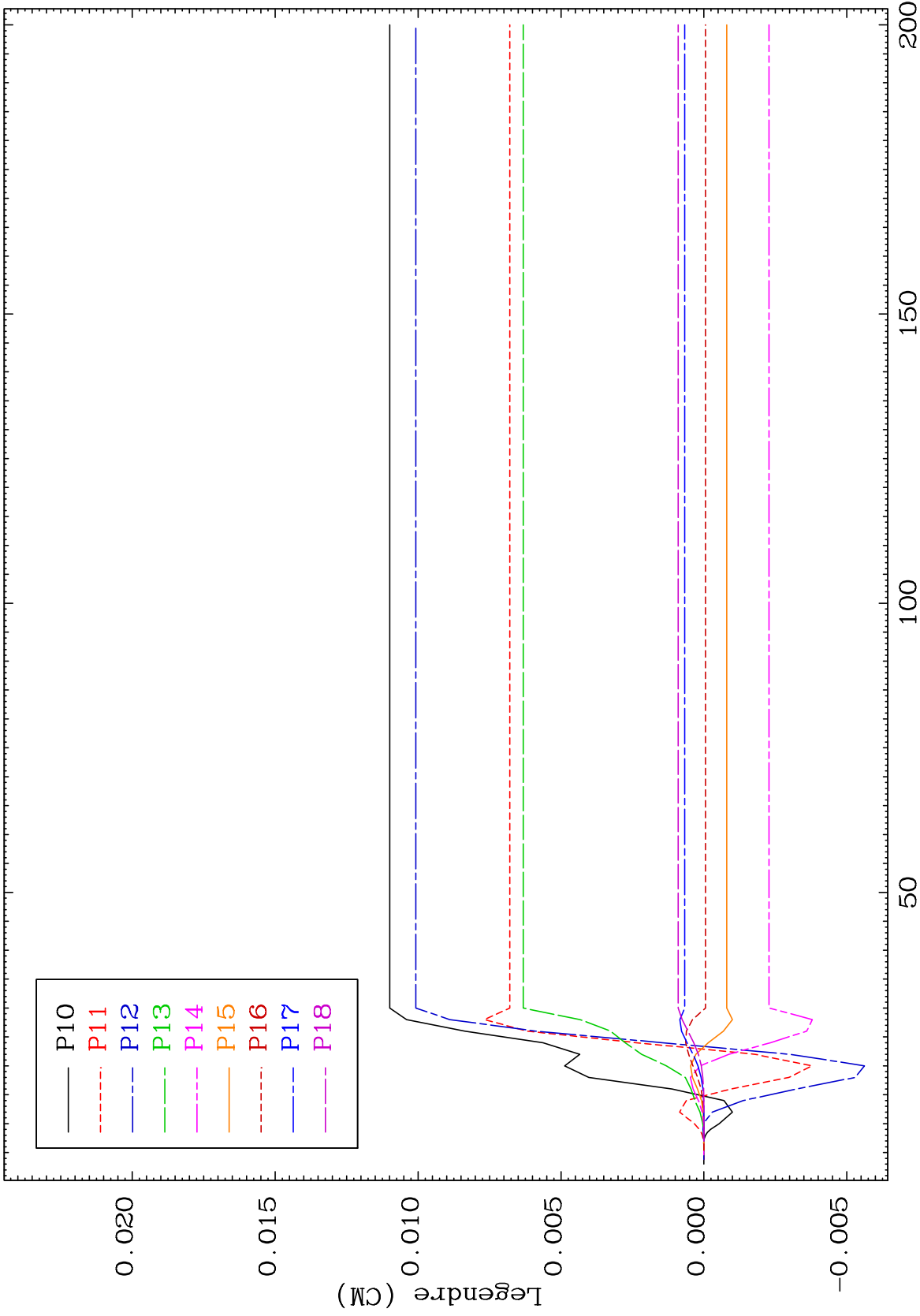
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



87

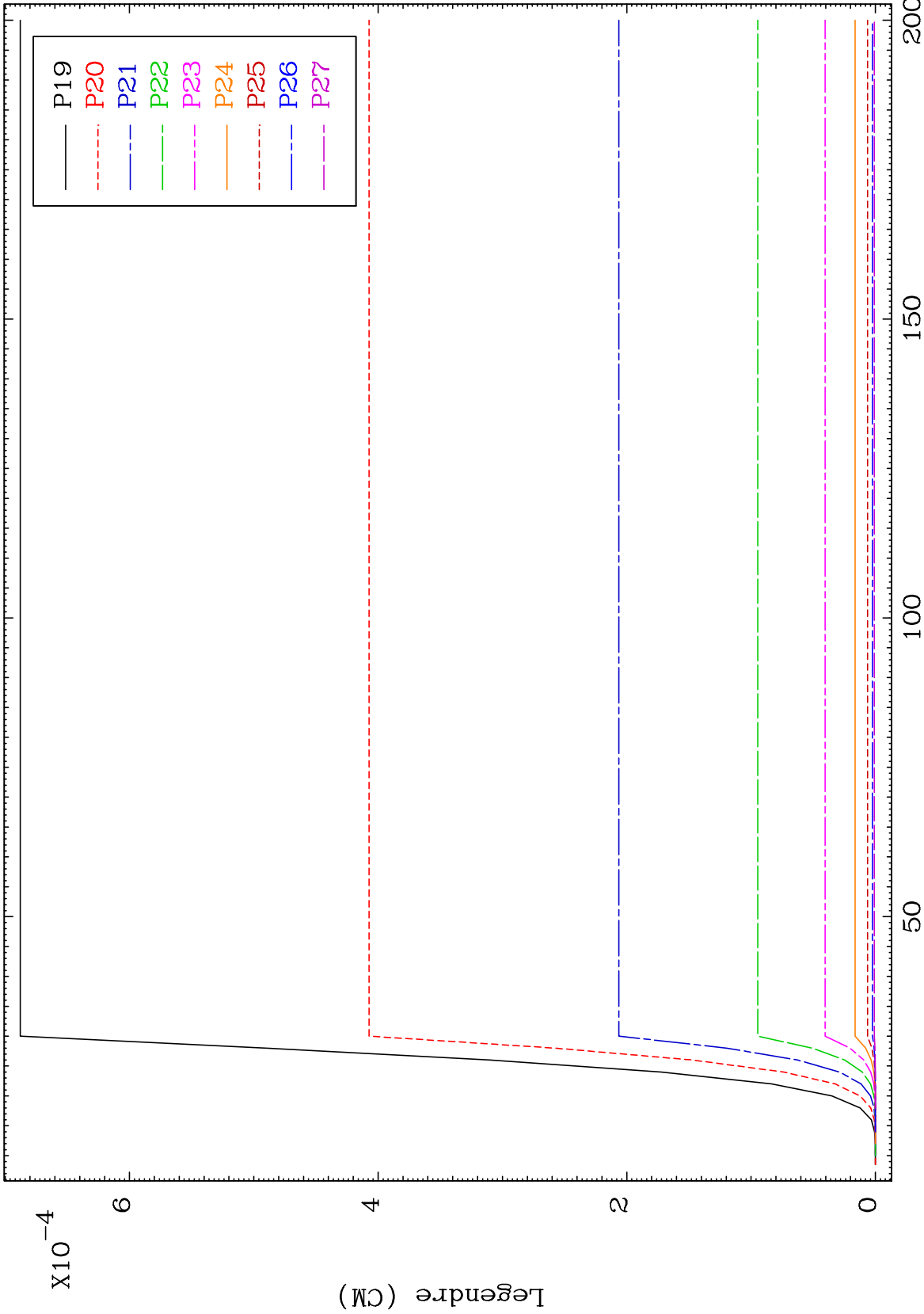
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



88

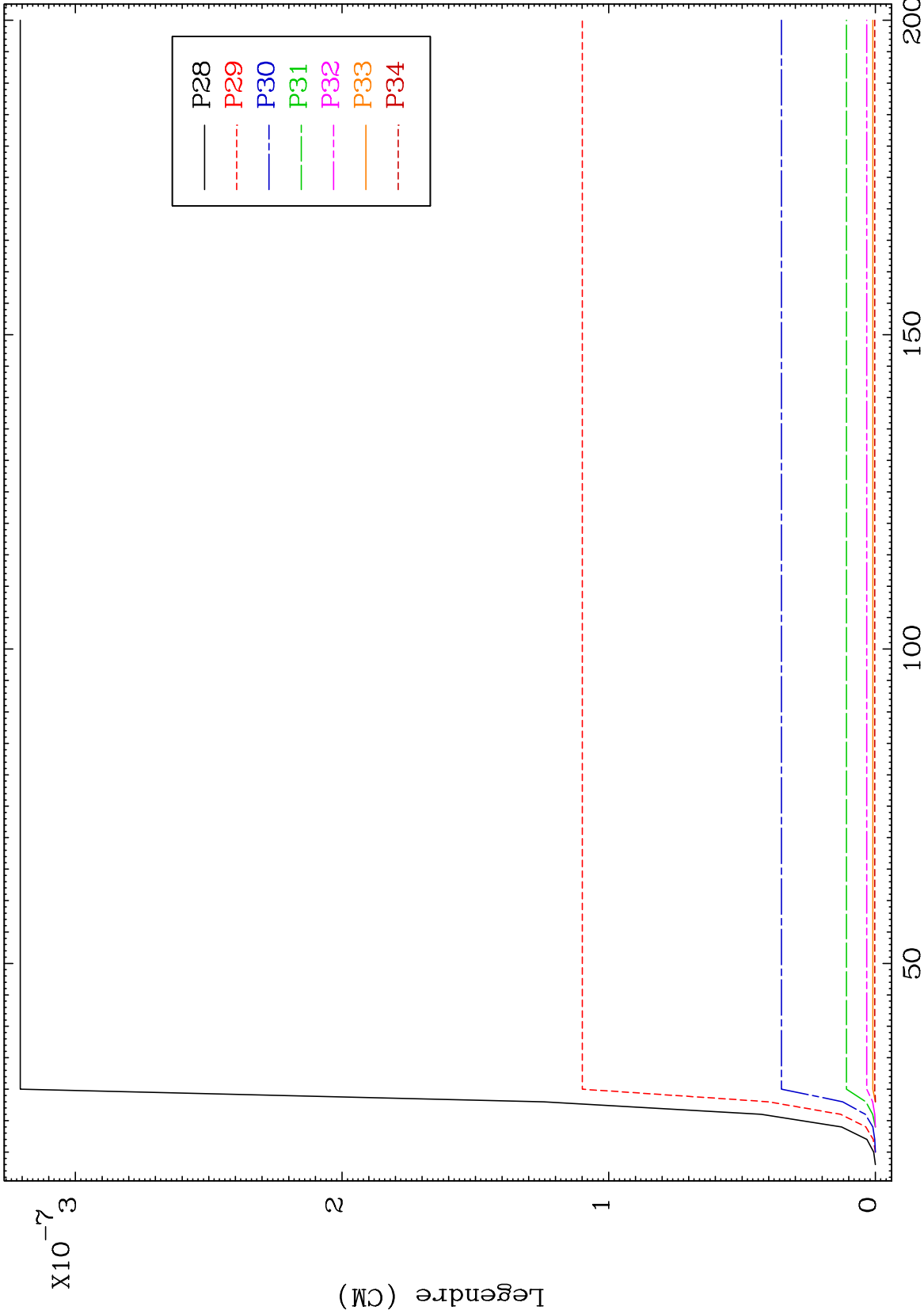
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



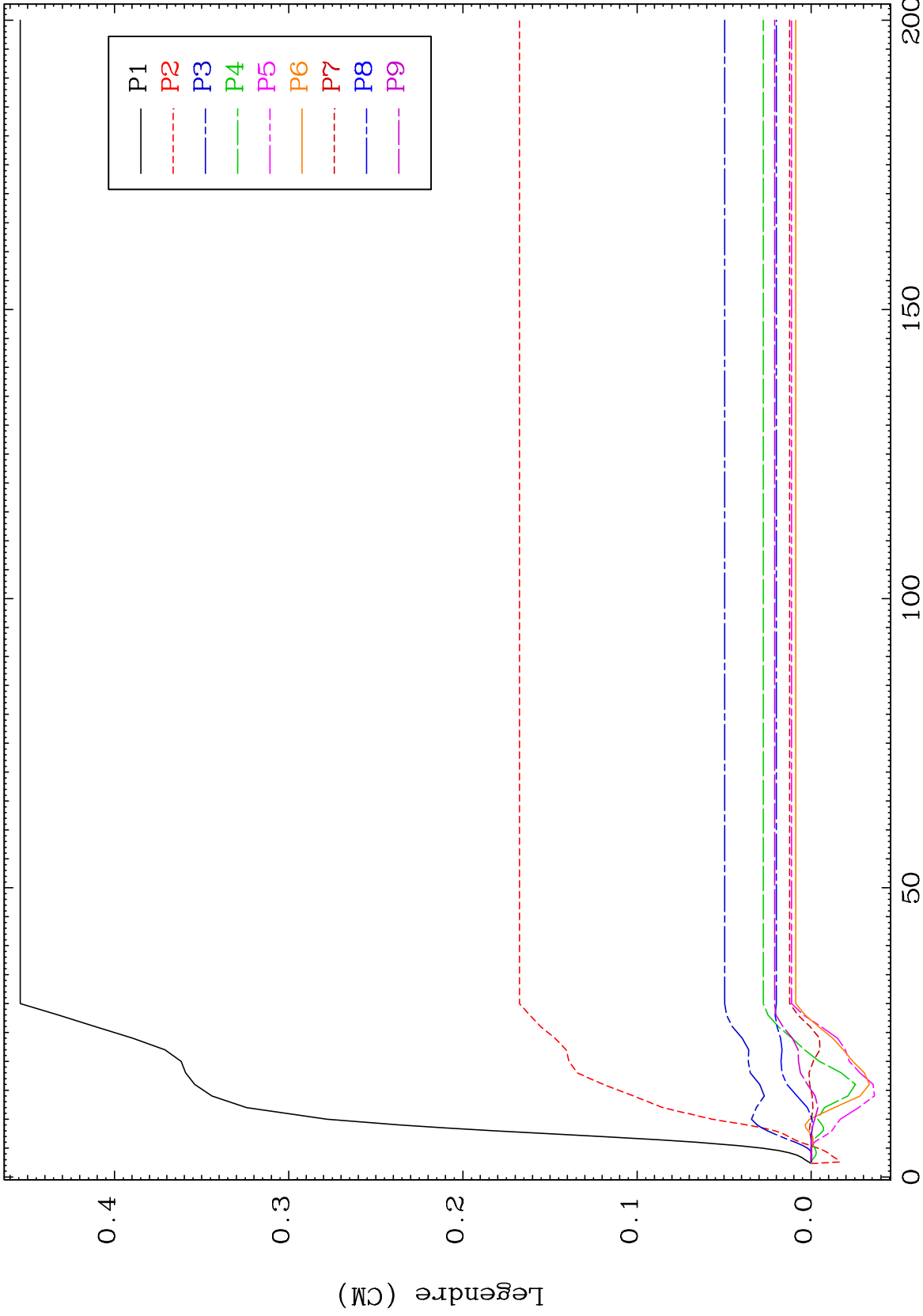
89

43-Tc-93

MAT 4307

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

43-Tc-93



90

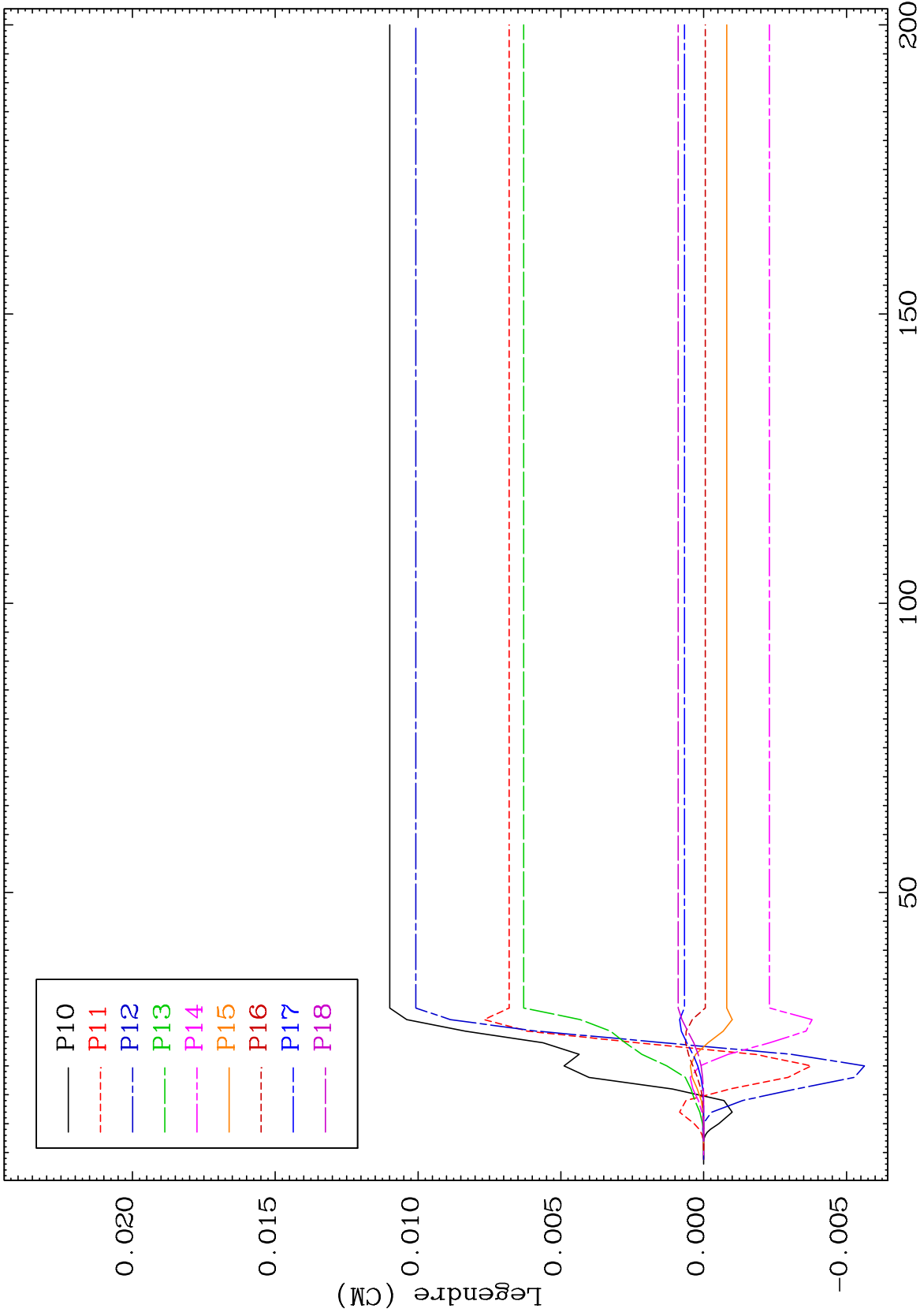
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



91

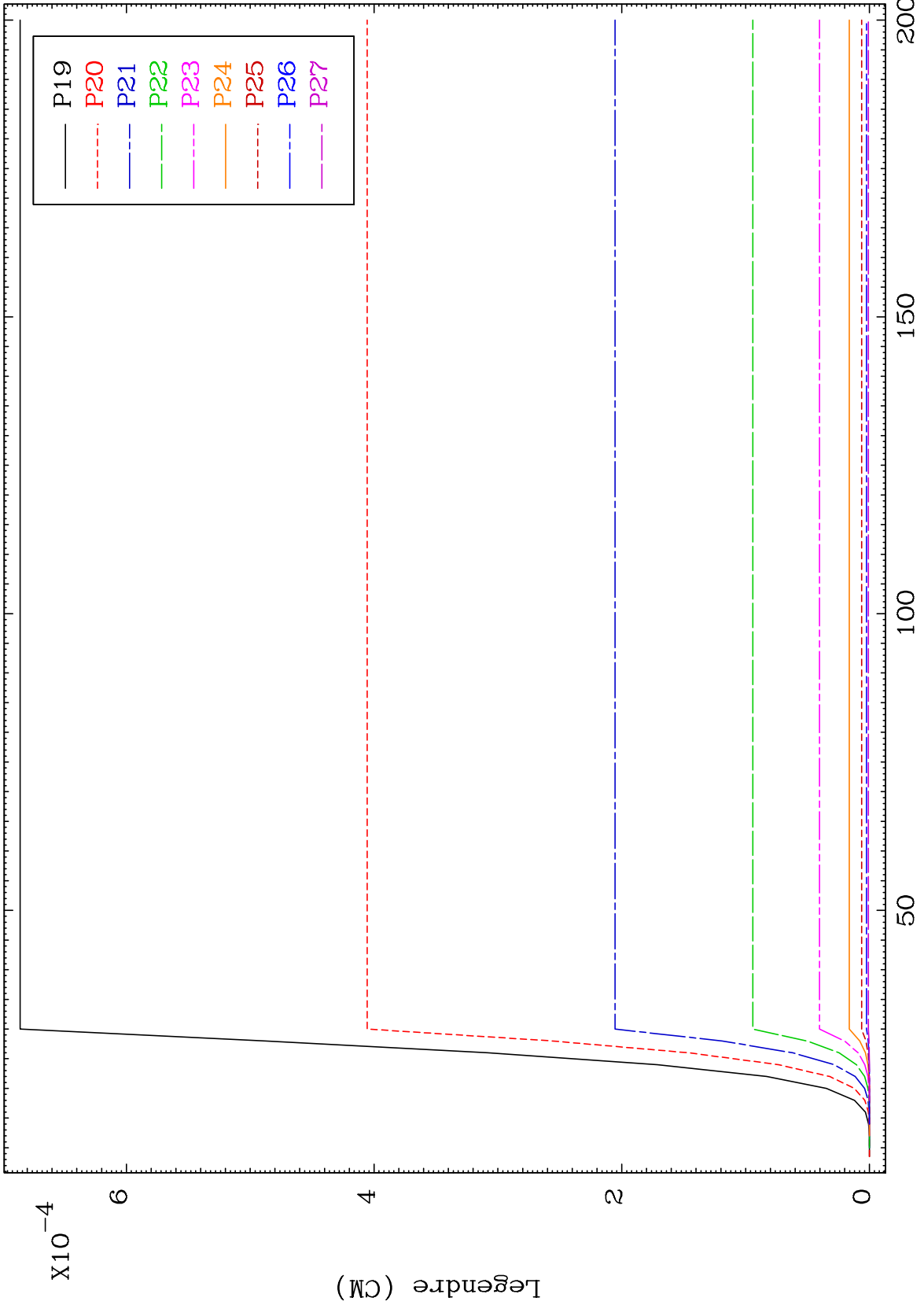
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



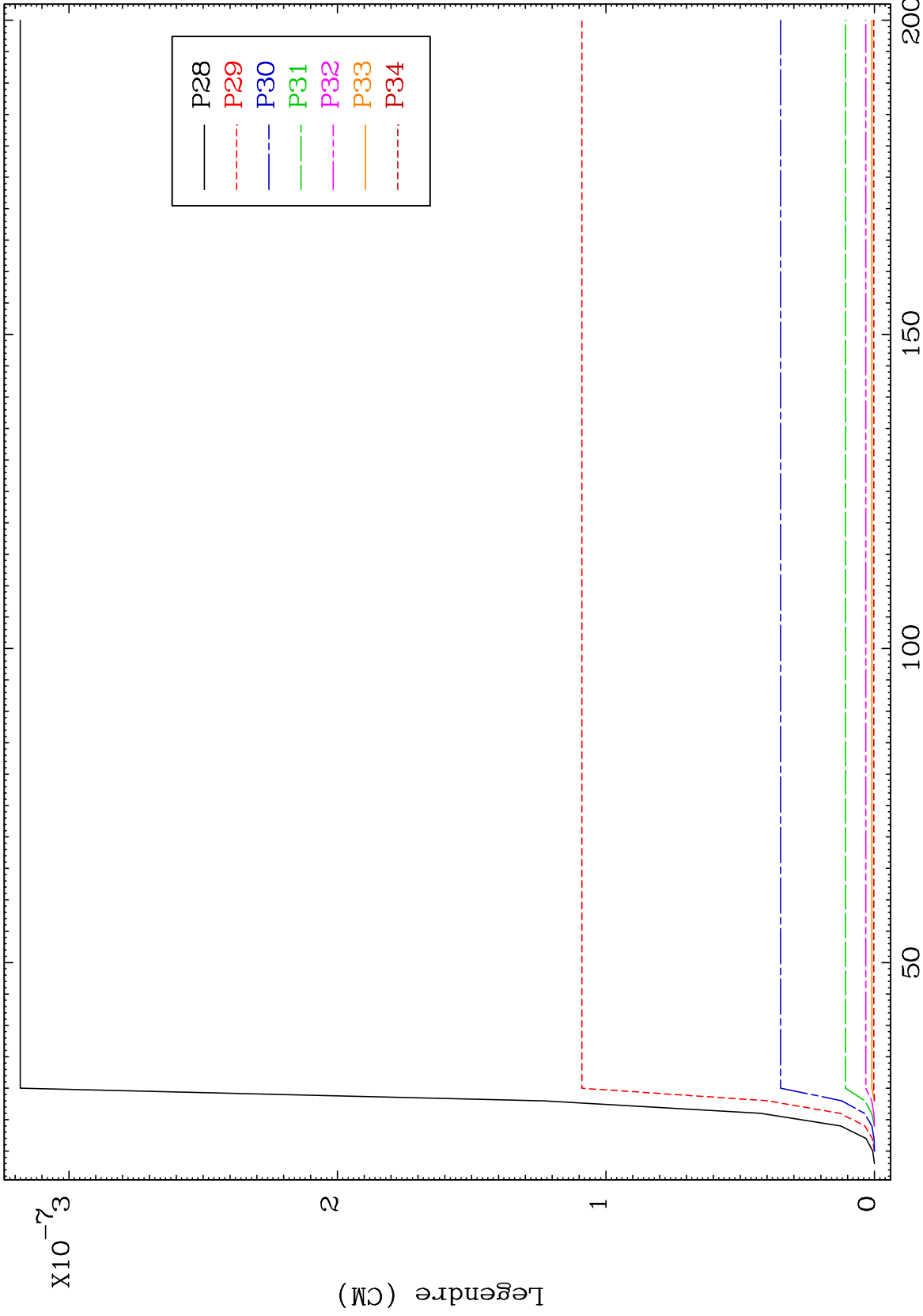
92

43-Tc-93

MAT 4307

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

43-Tc-93



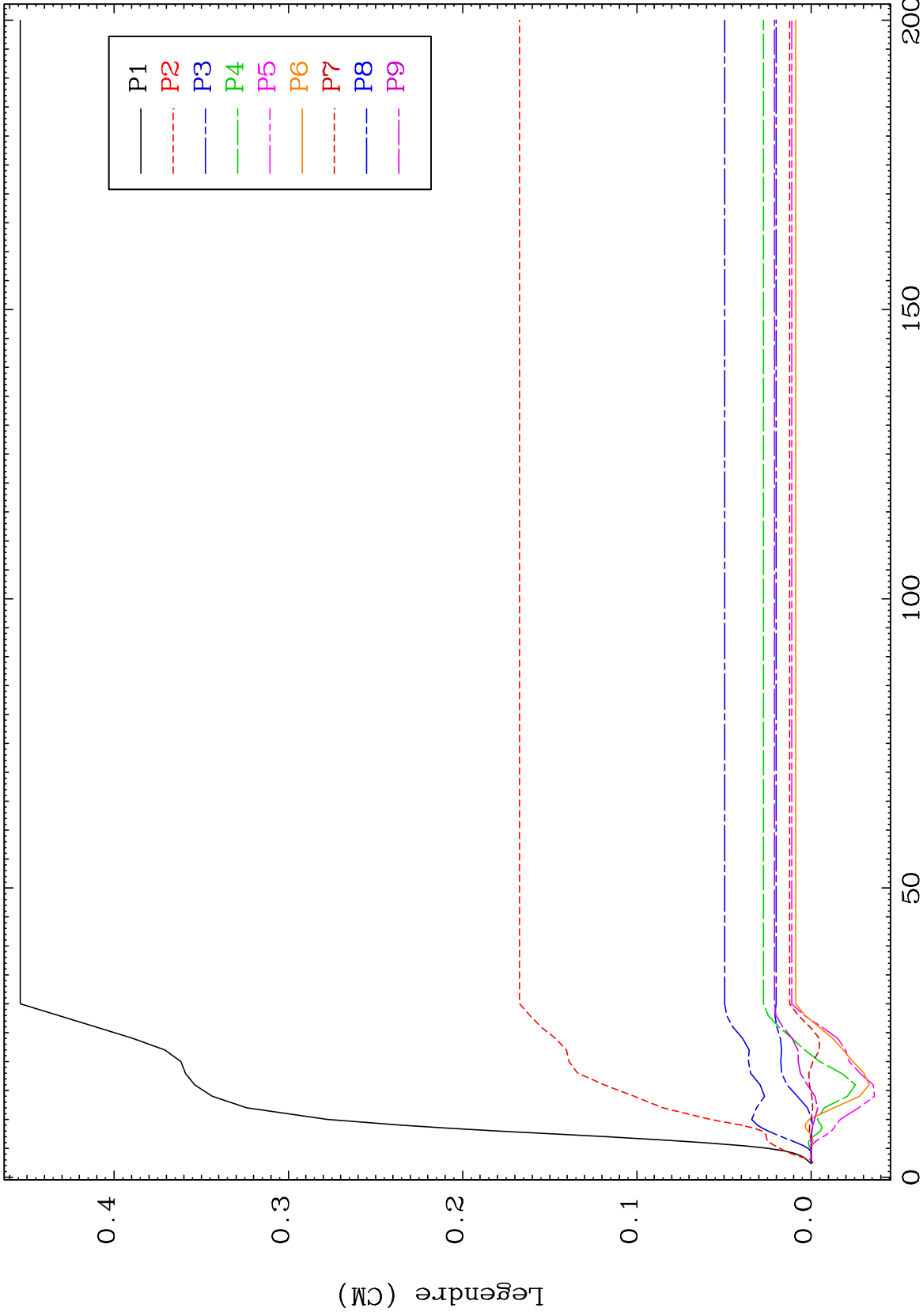
93

43-Tc-93

MAT 4307

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

43-Tc-93



94

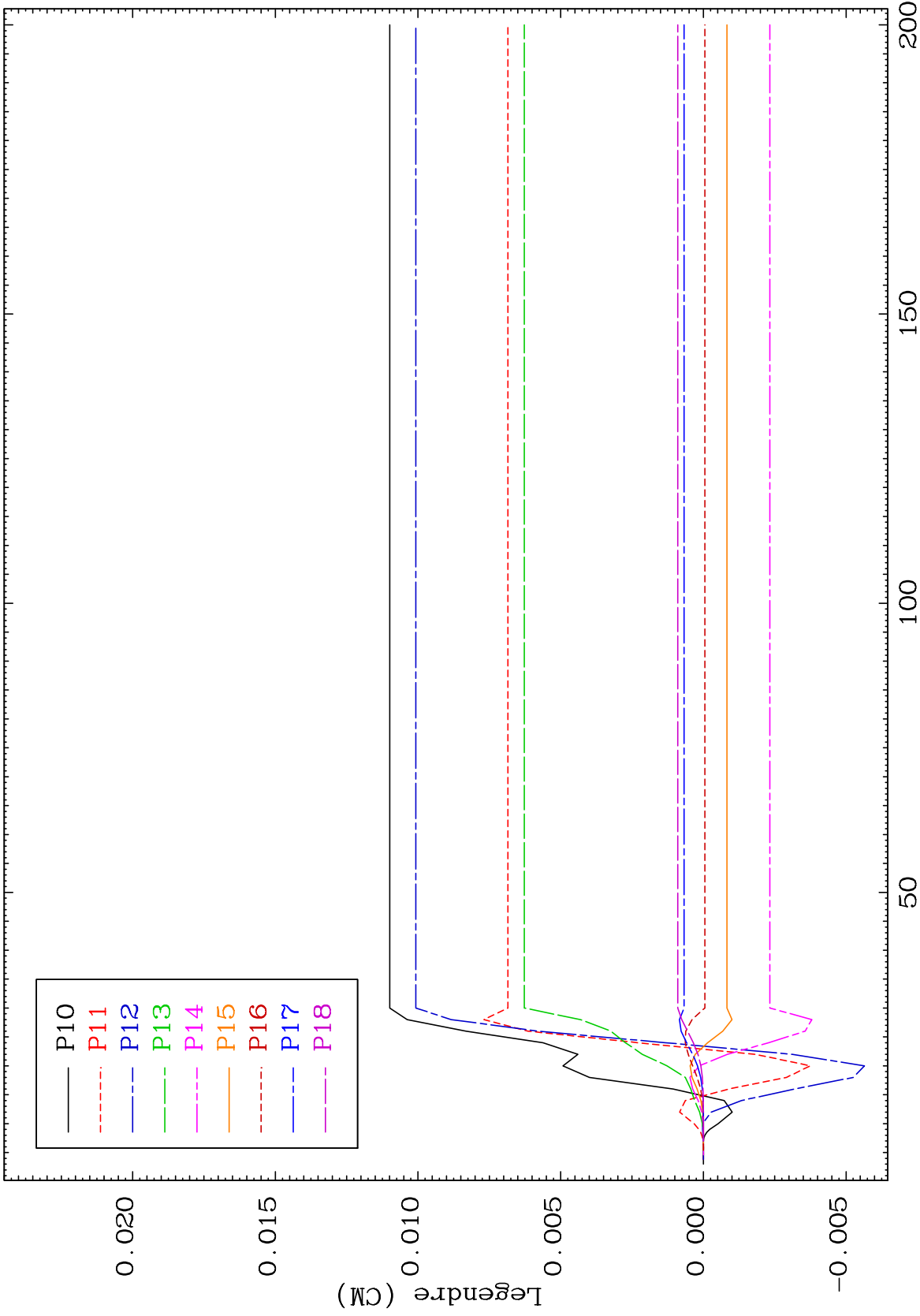
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



95

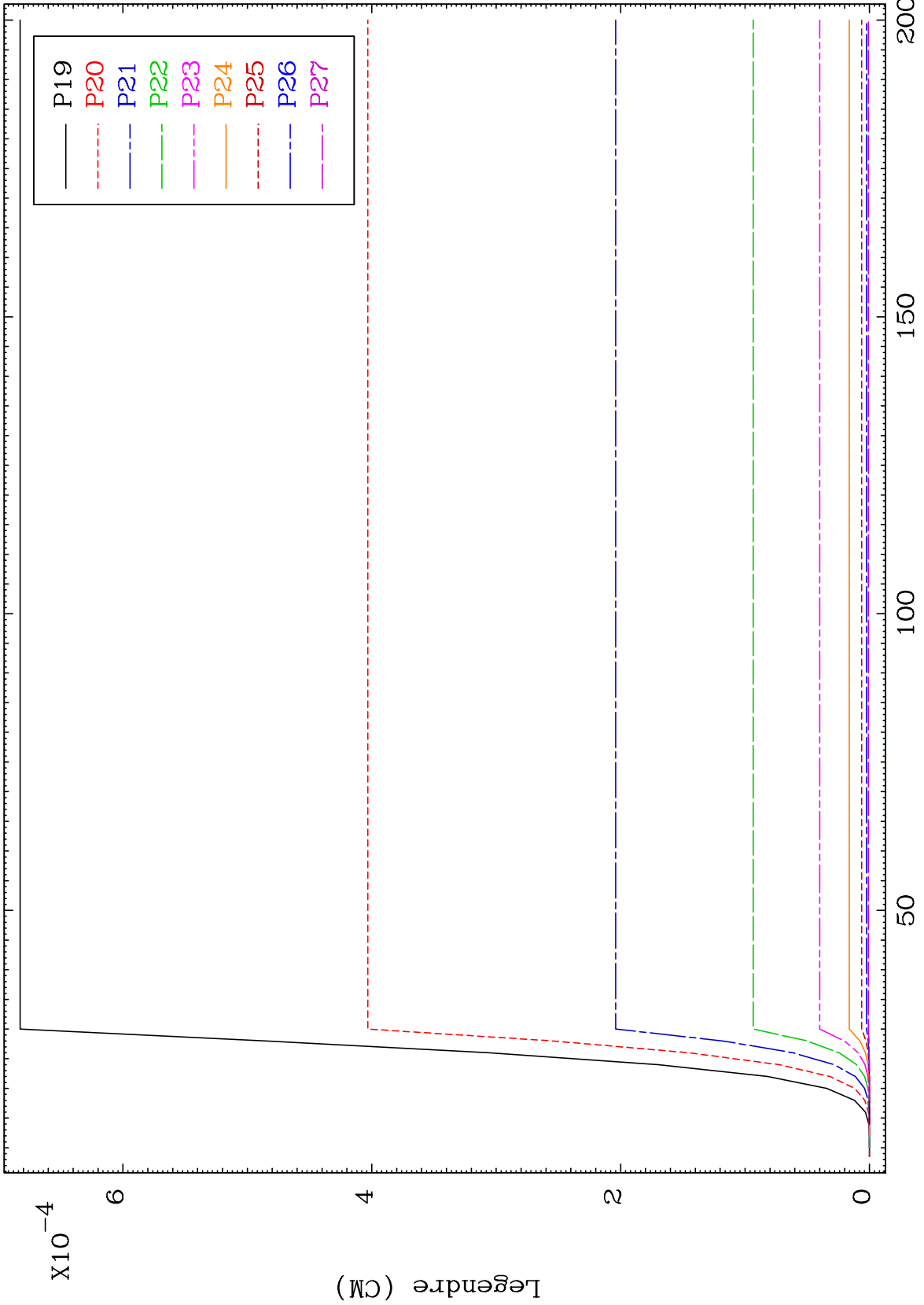
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



96

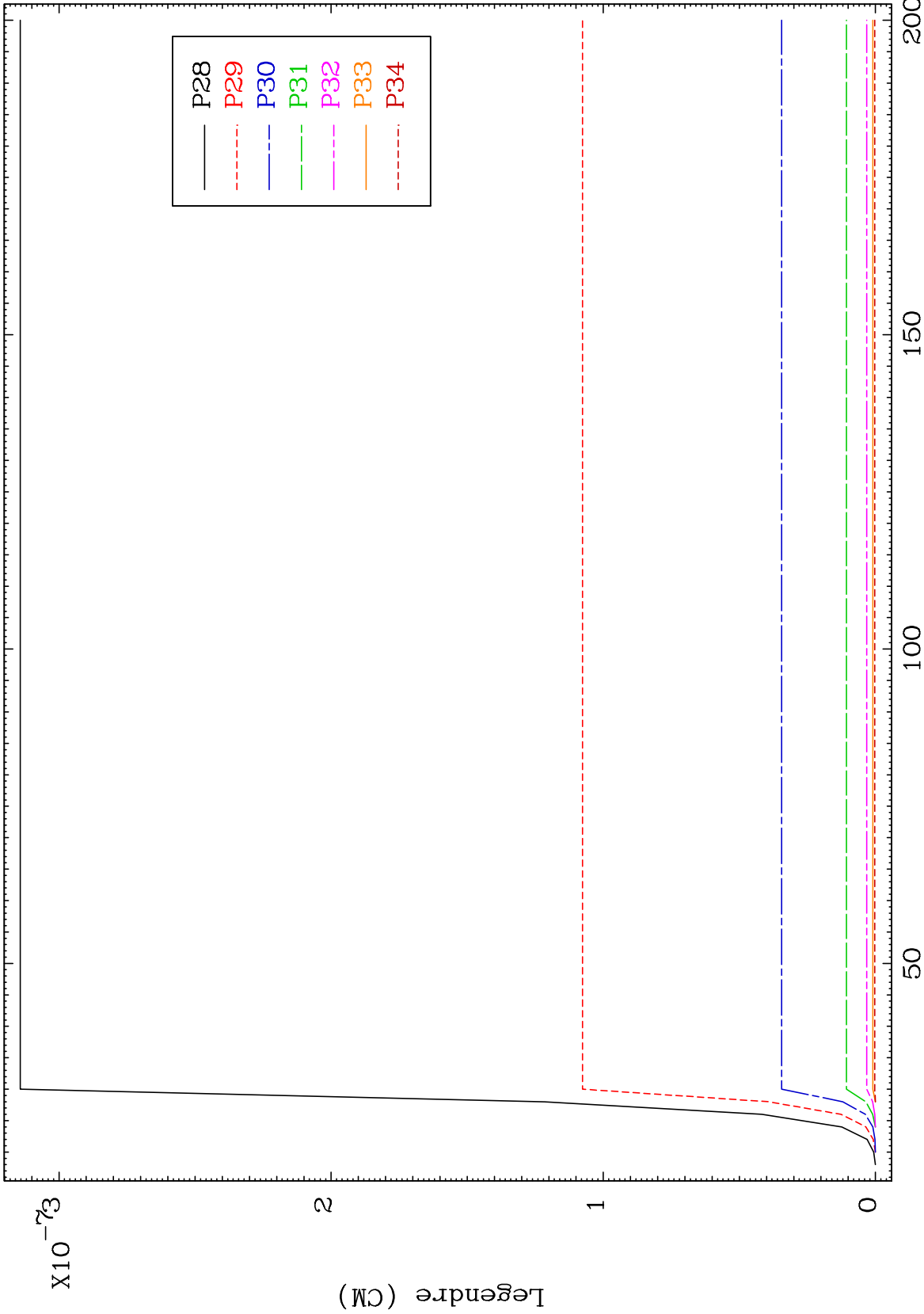
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



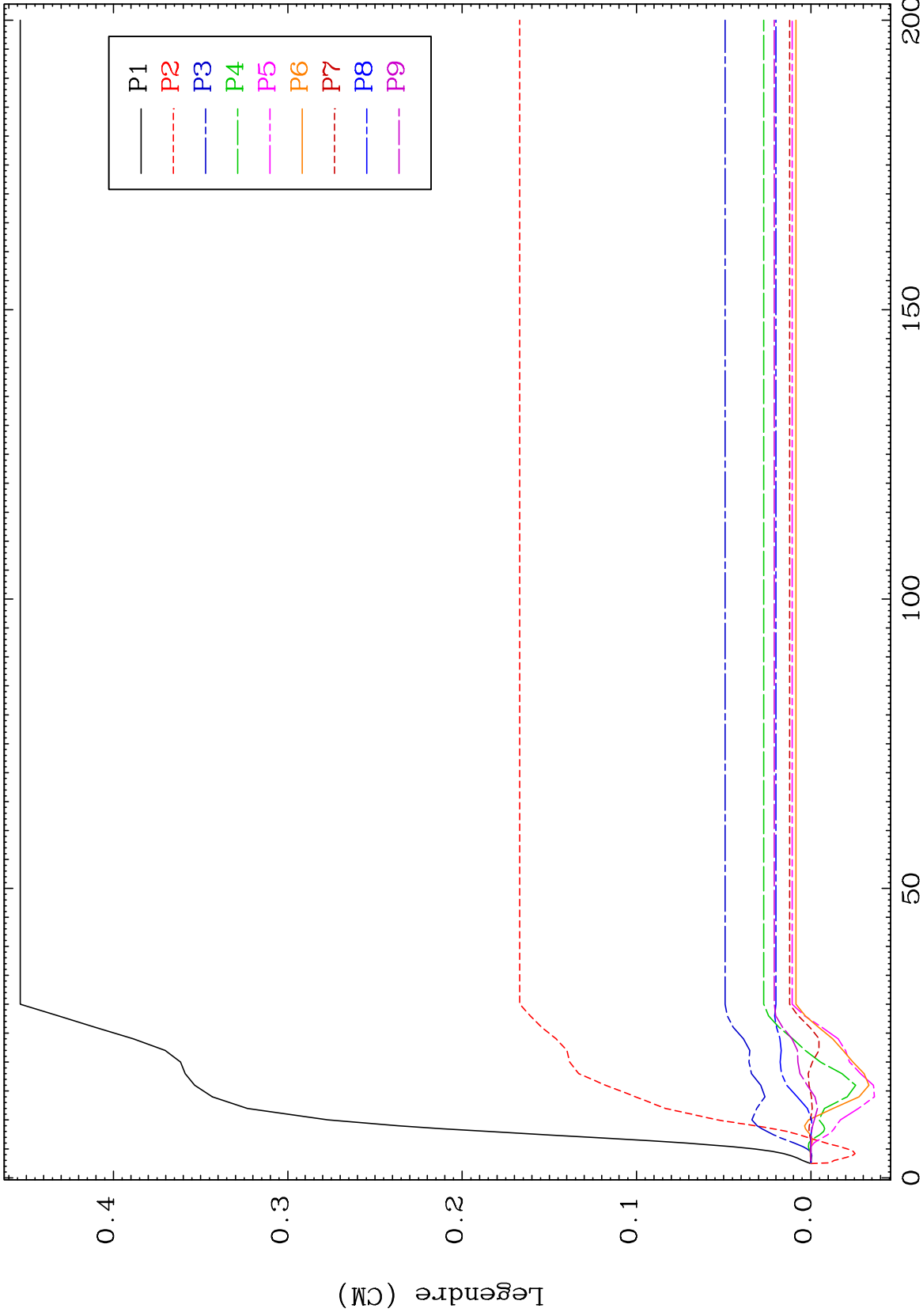
97

43-Tc-93

MAT 4307

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

43-Tc-93



98

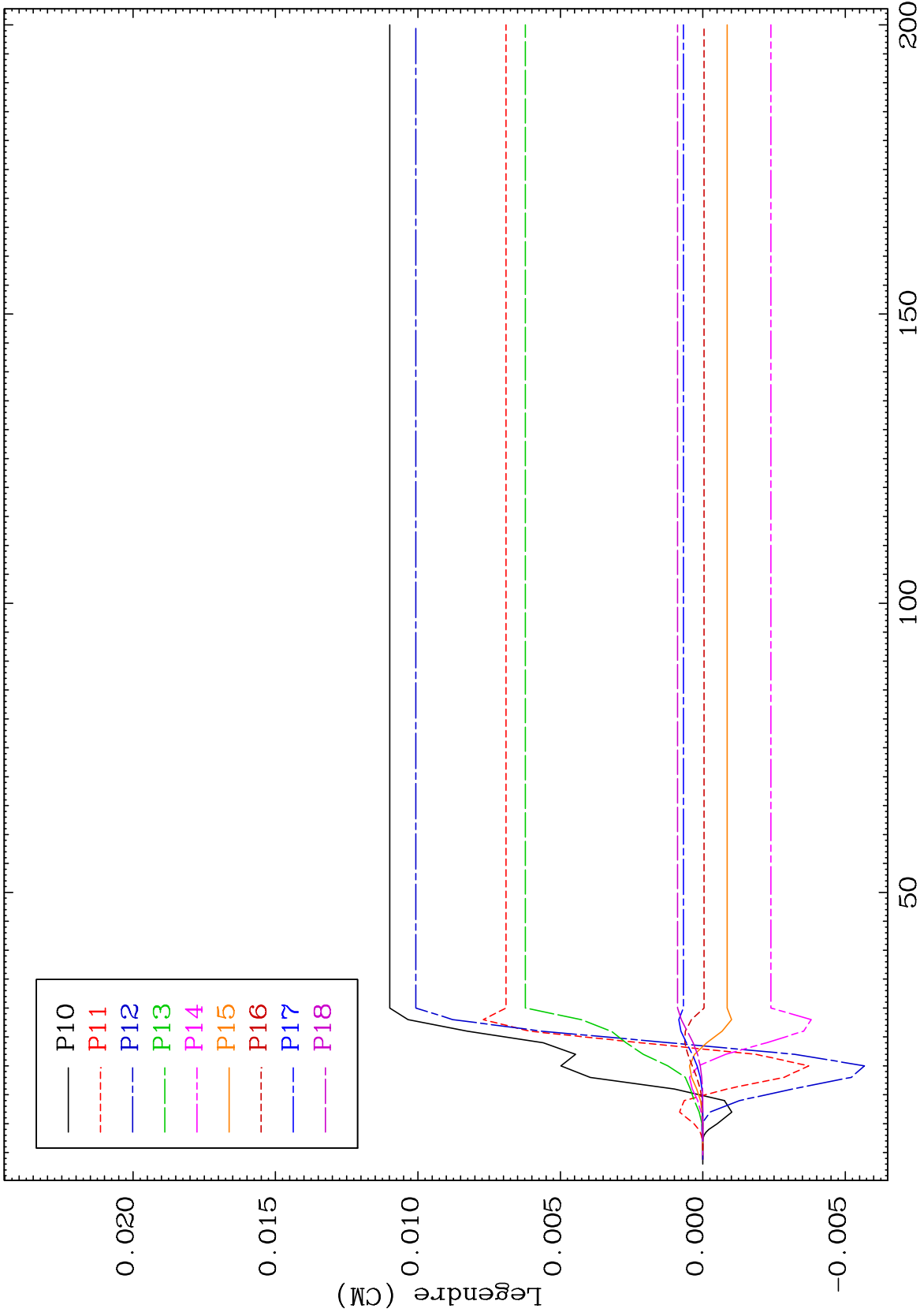
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



99

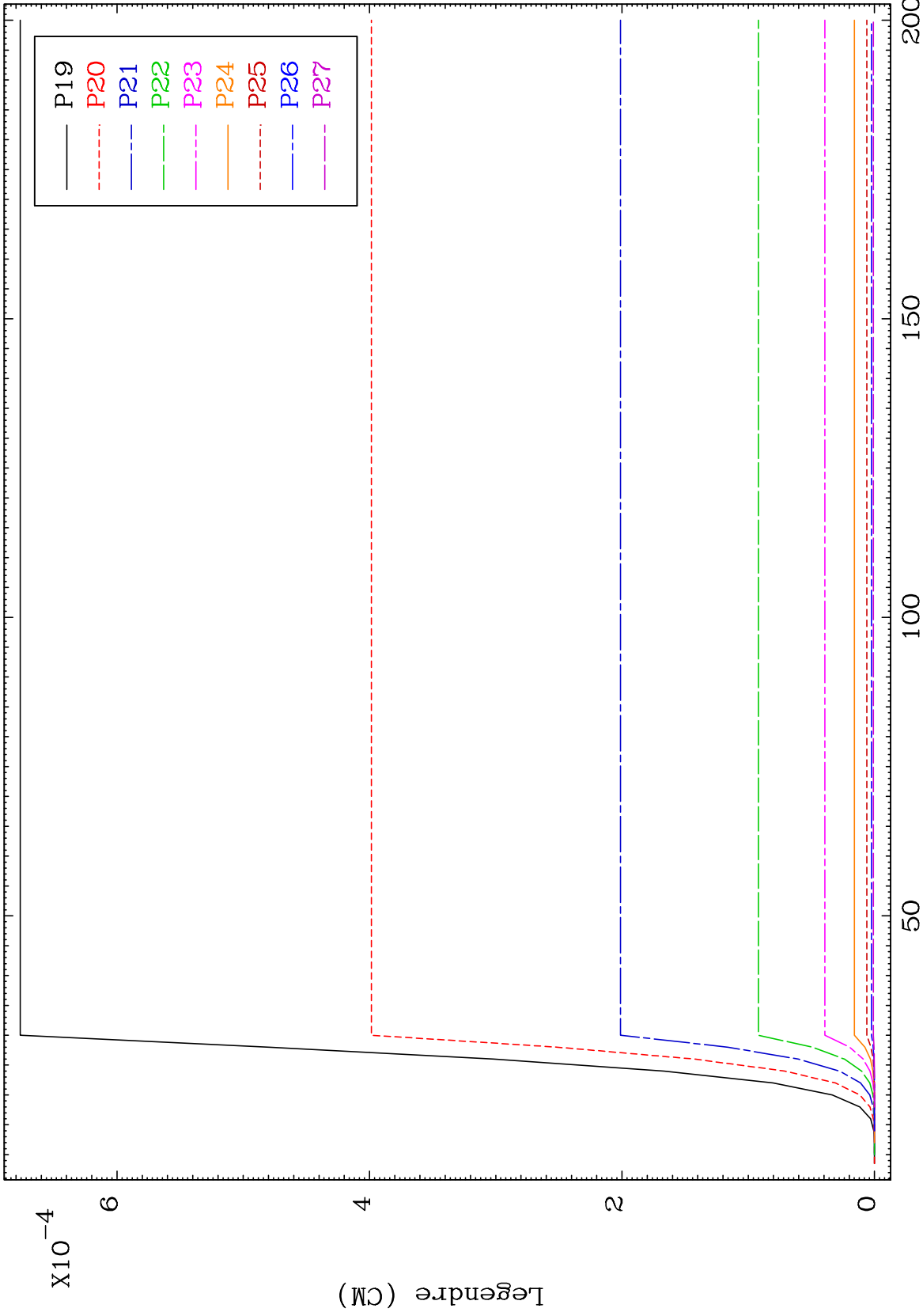
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



100

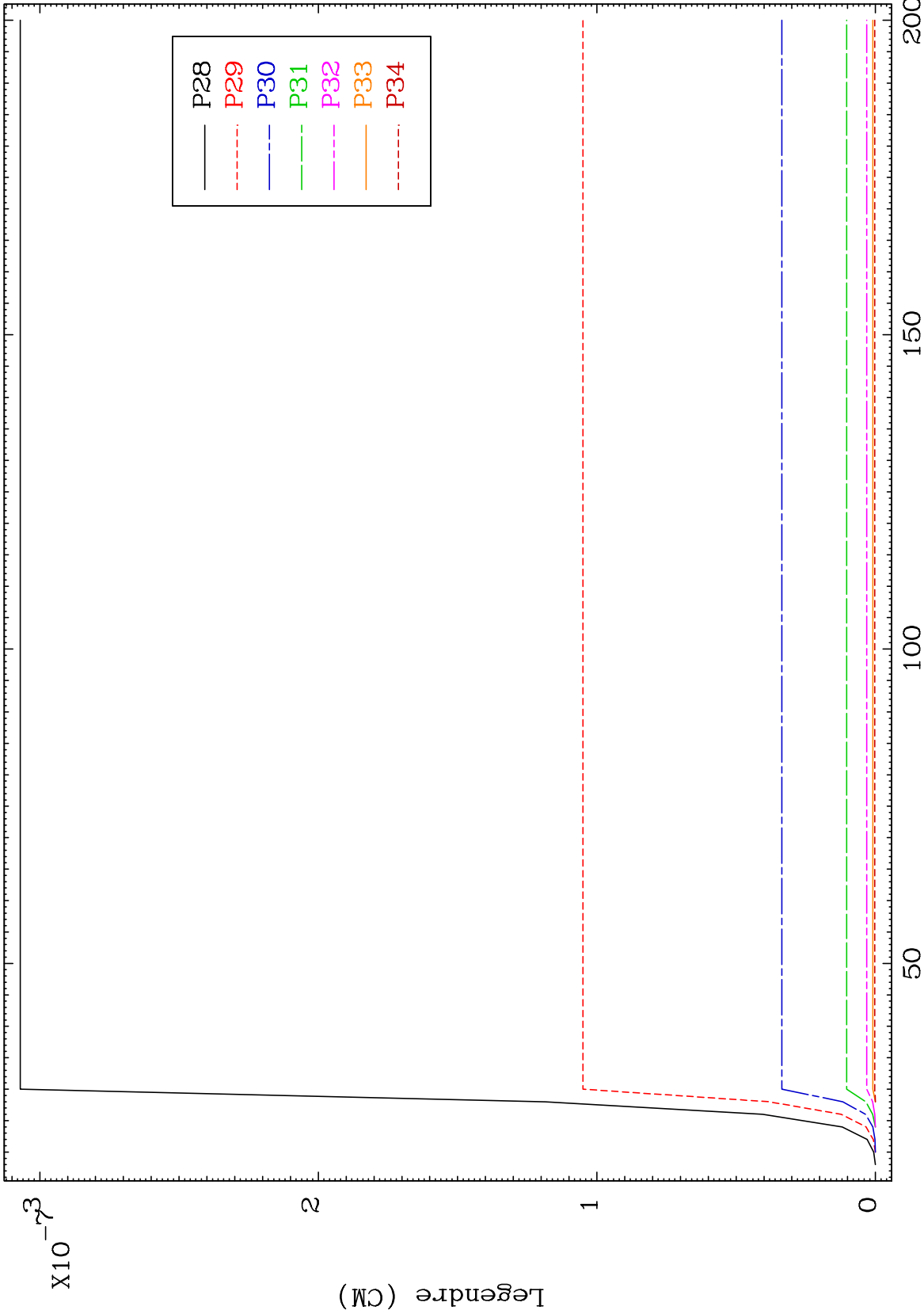
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



101

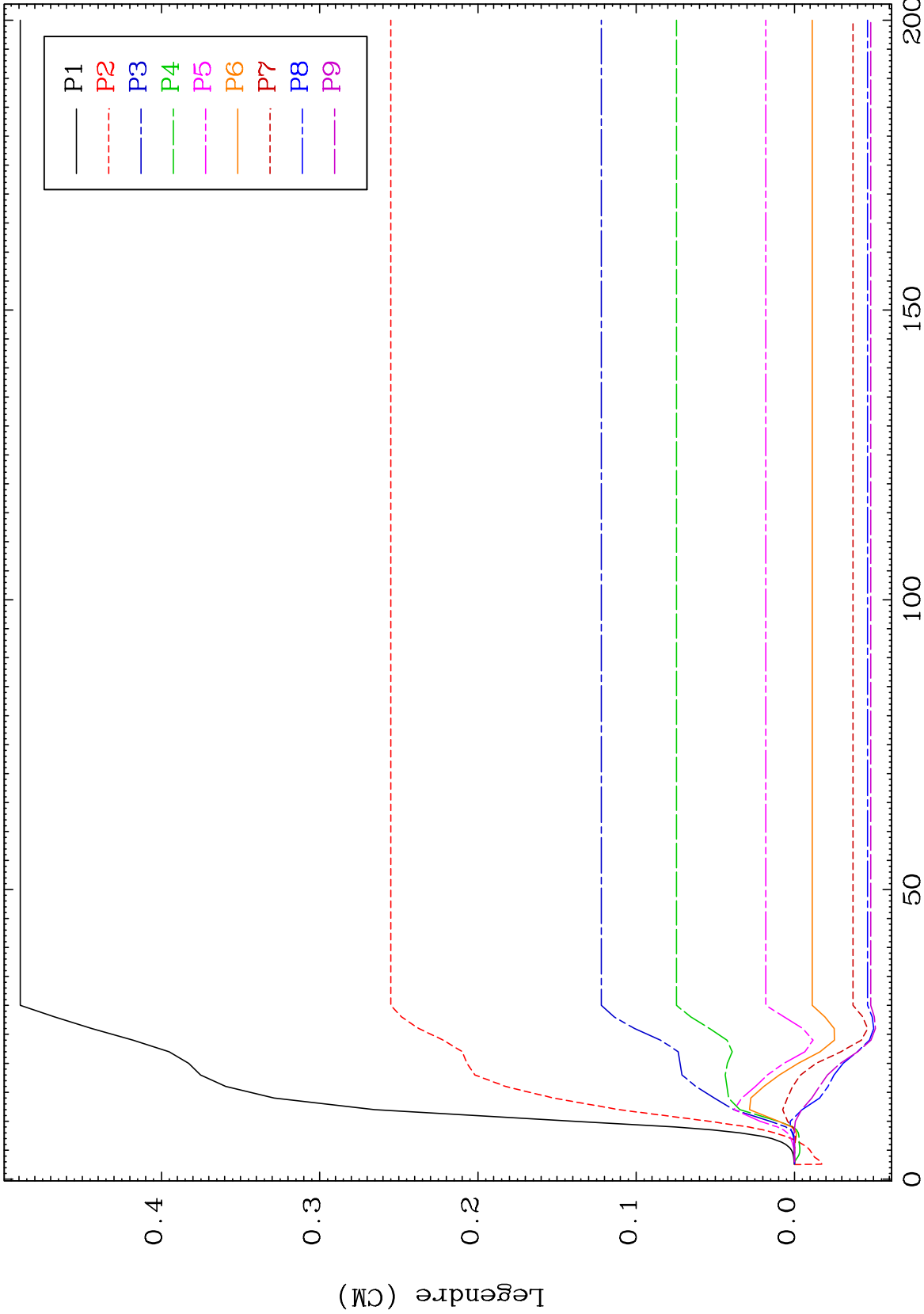
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



102

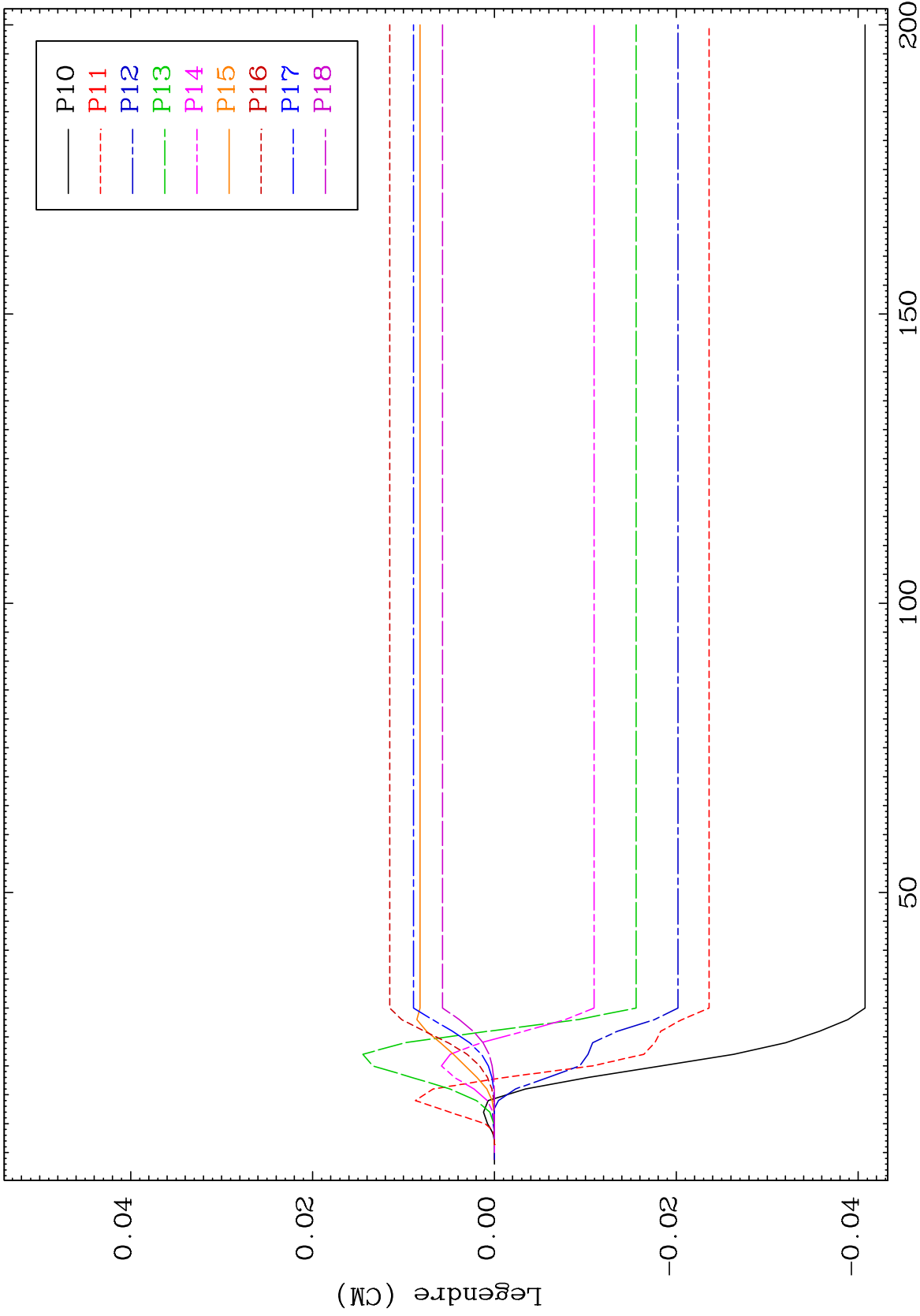
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



103

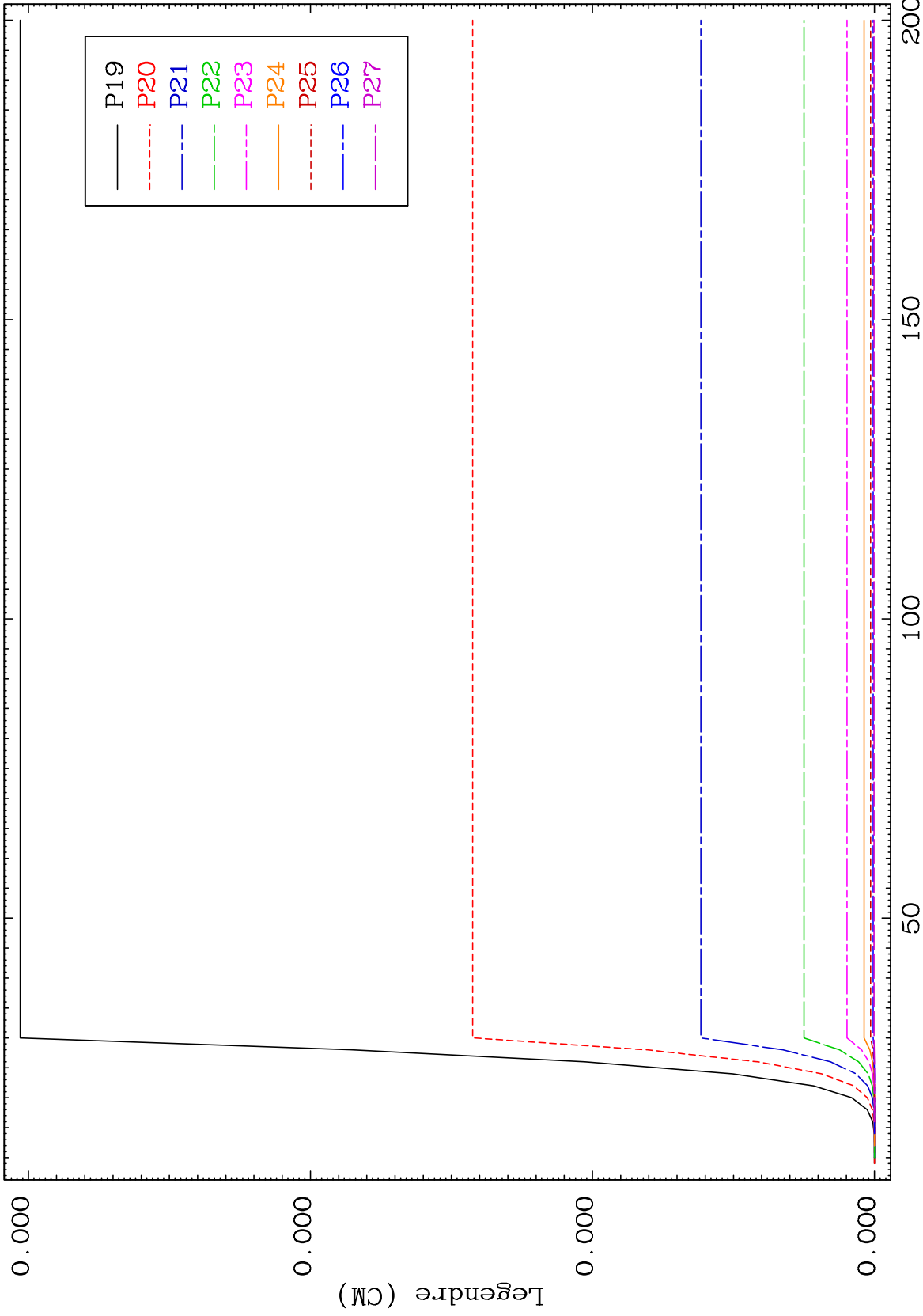
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



104

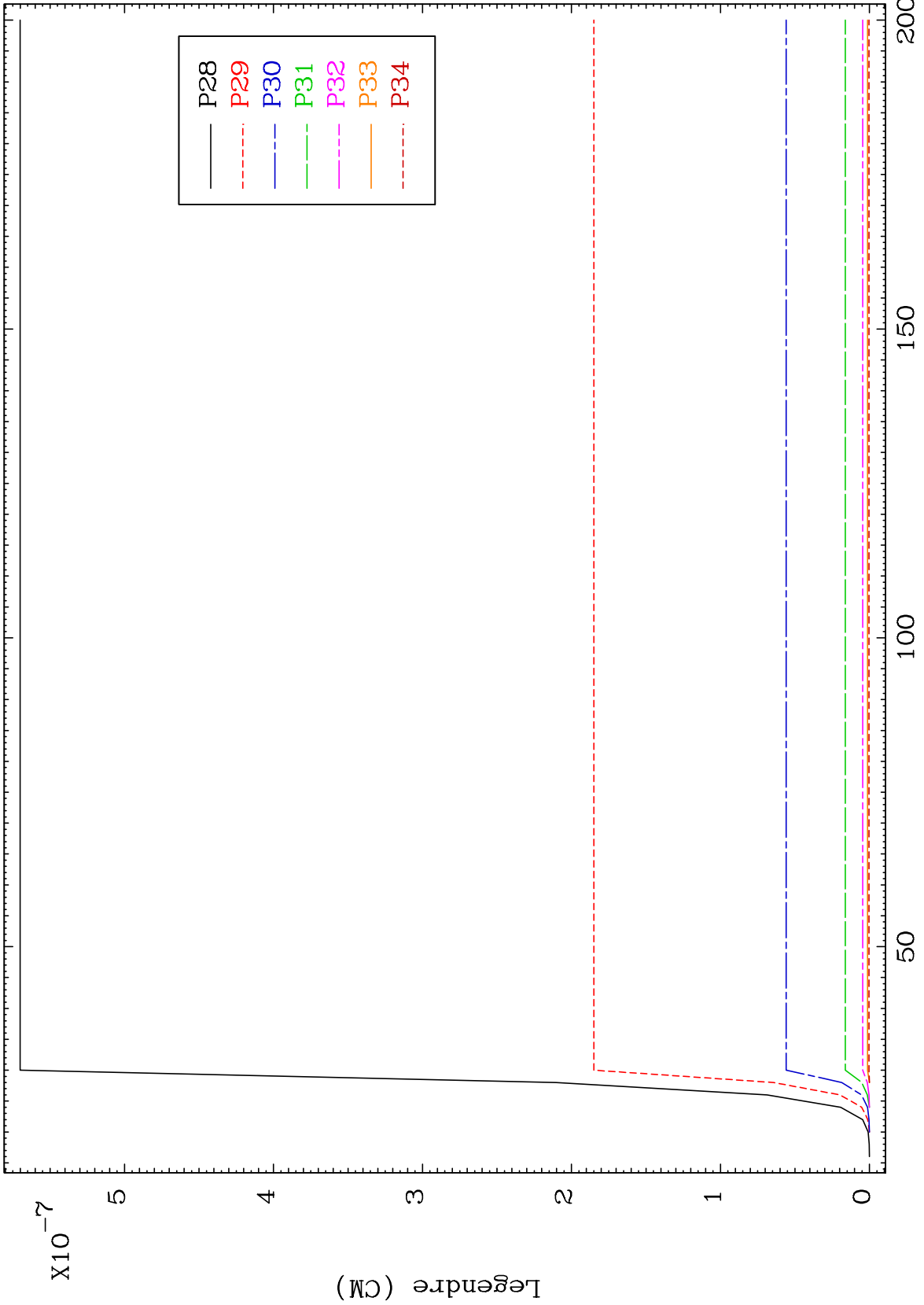
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



105

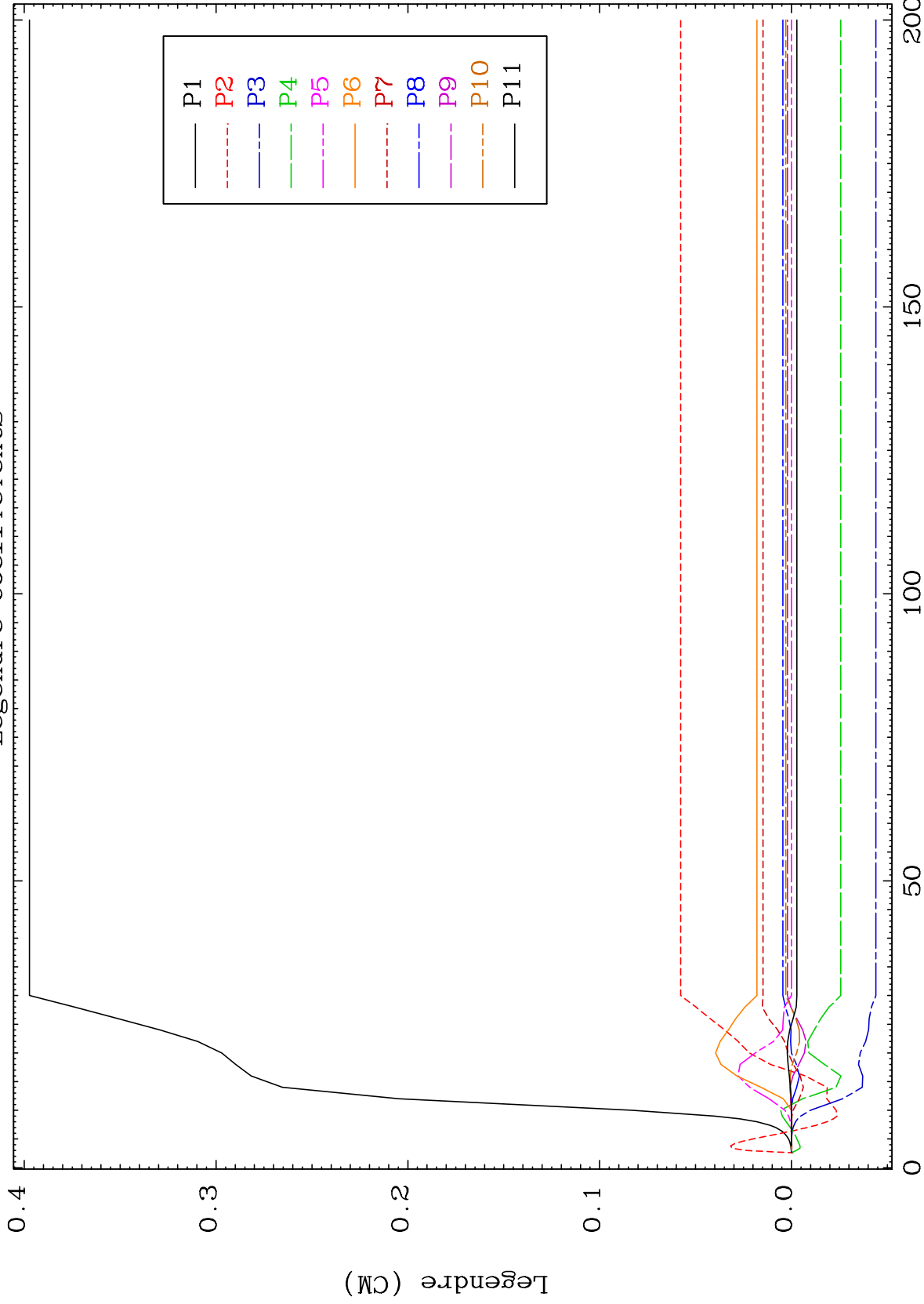
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



106

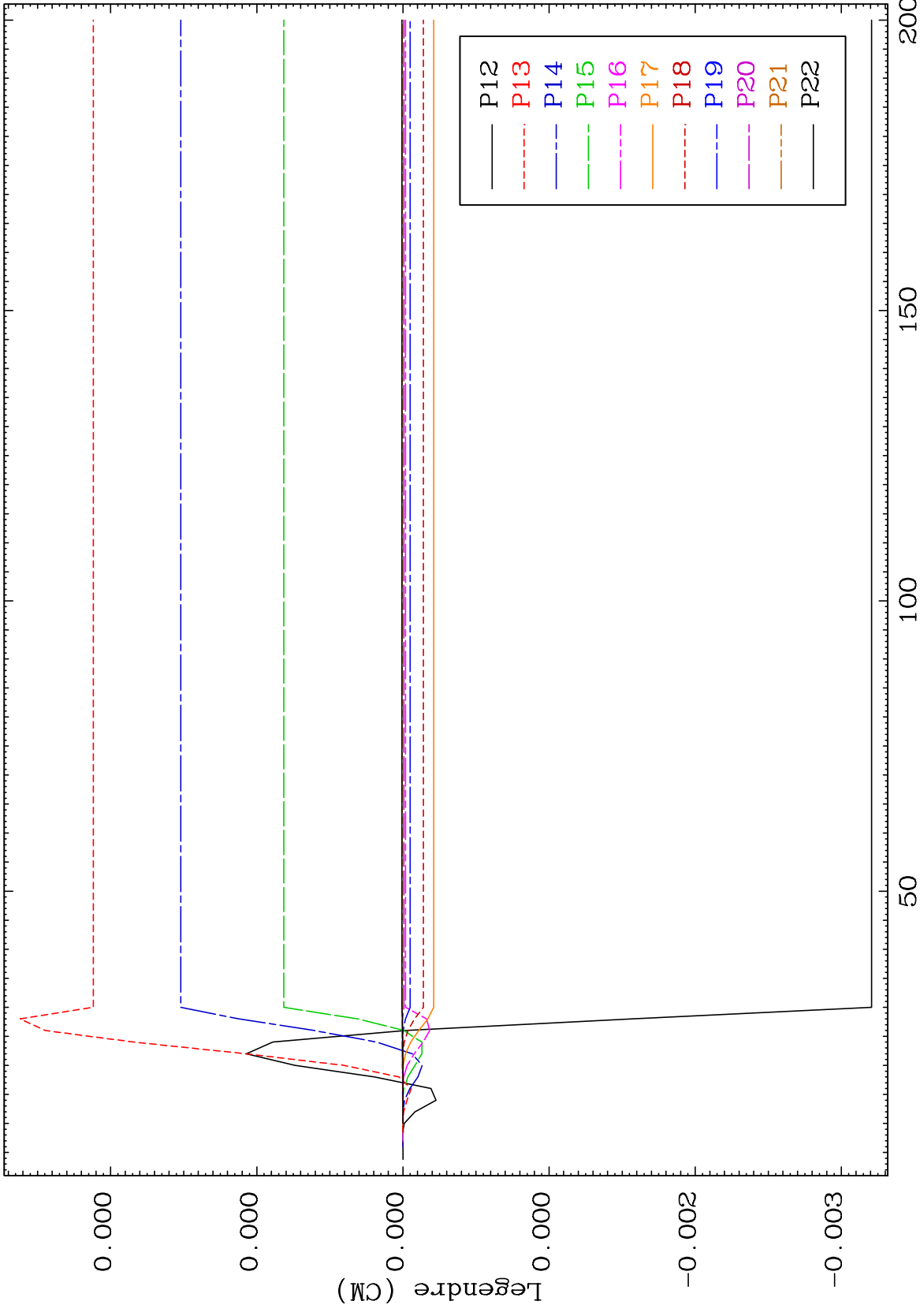
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



107

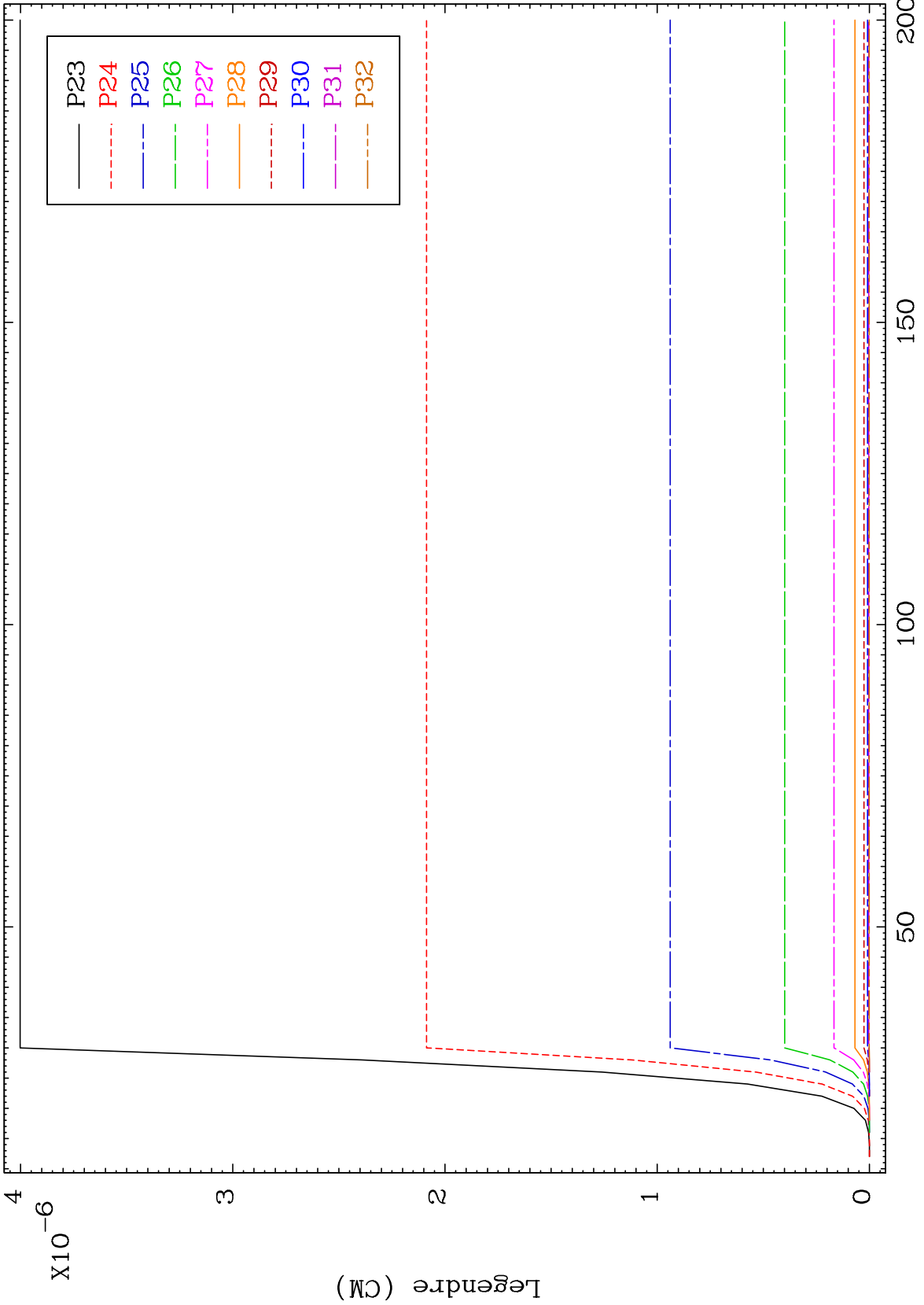
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



108

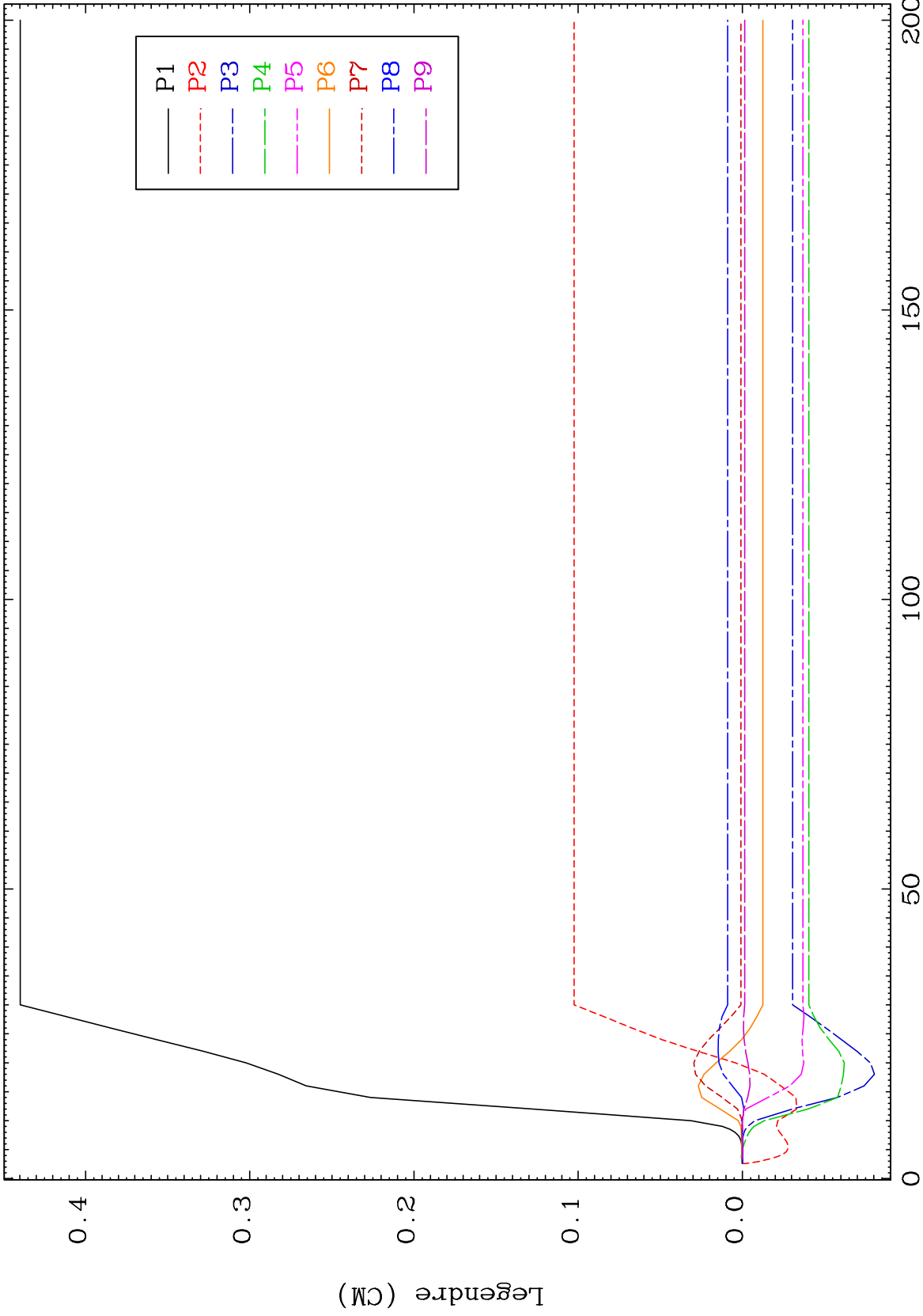
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



109

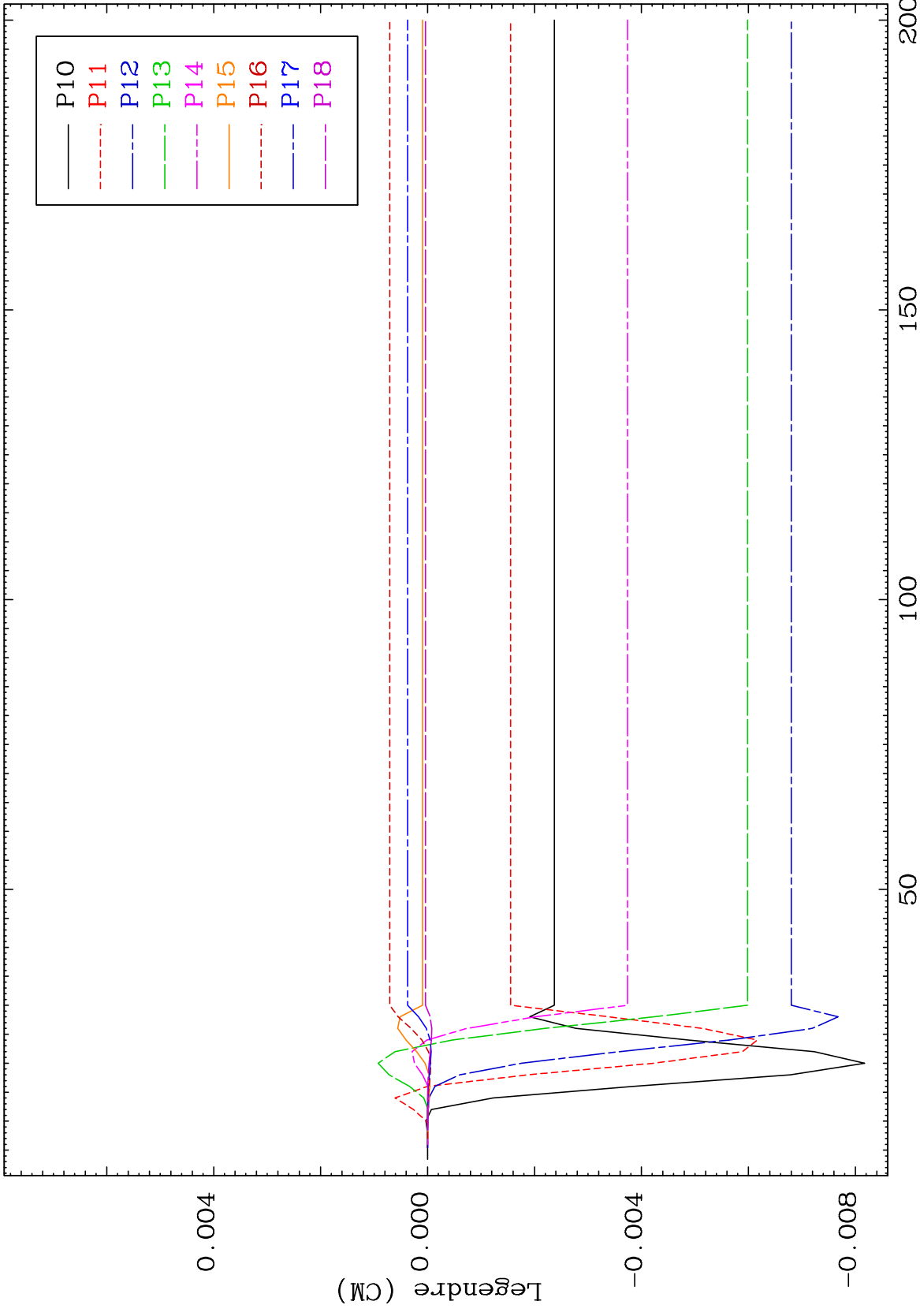
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



110

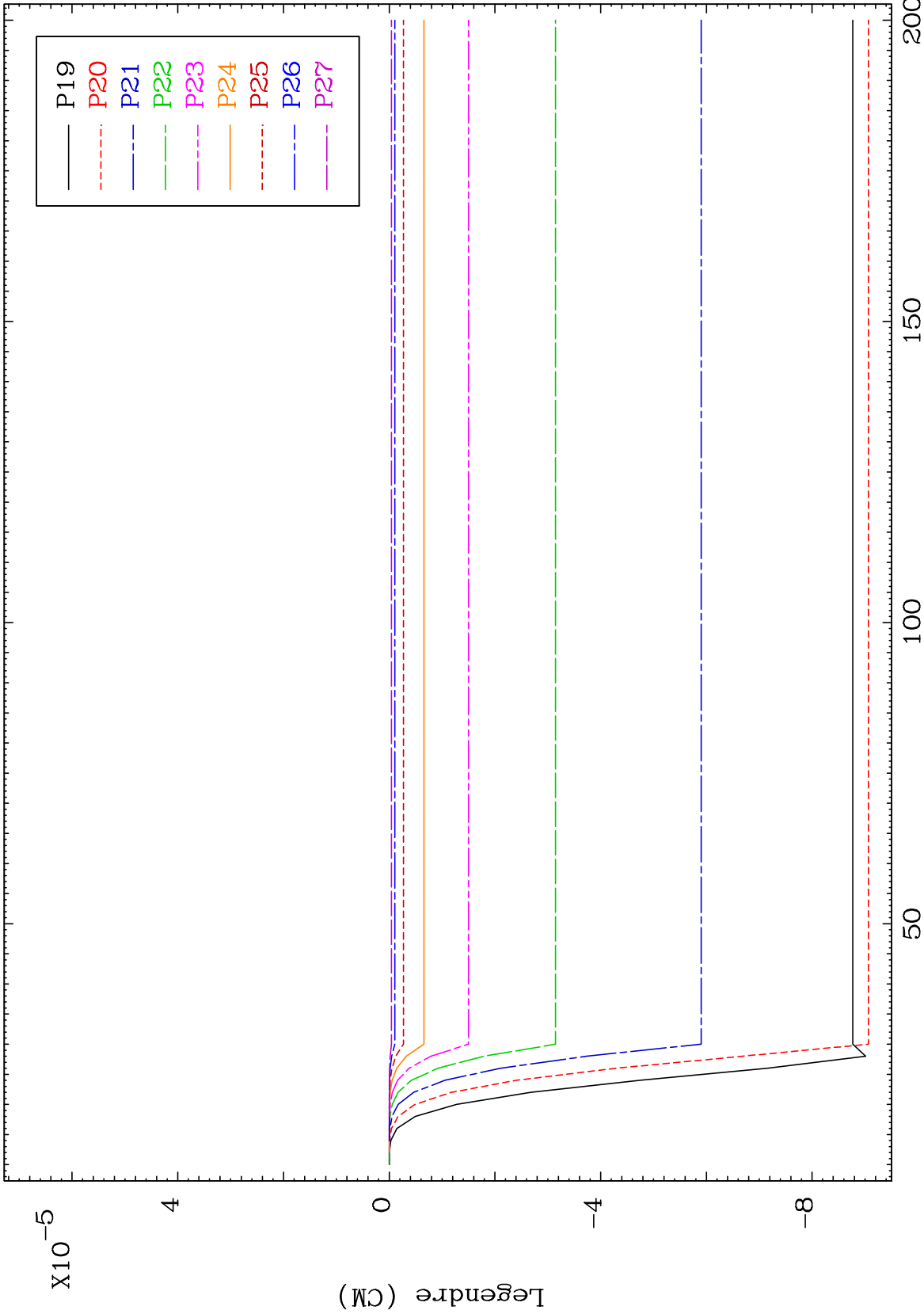
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



111

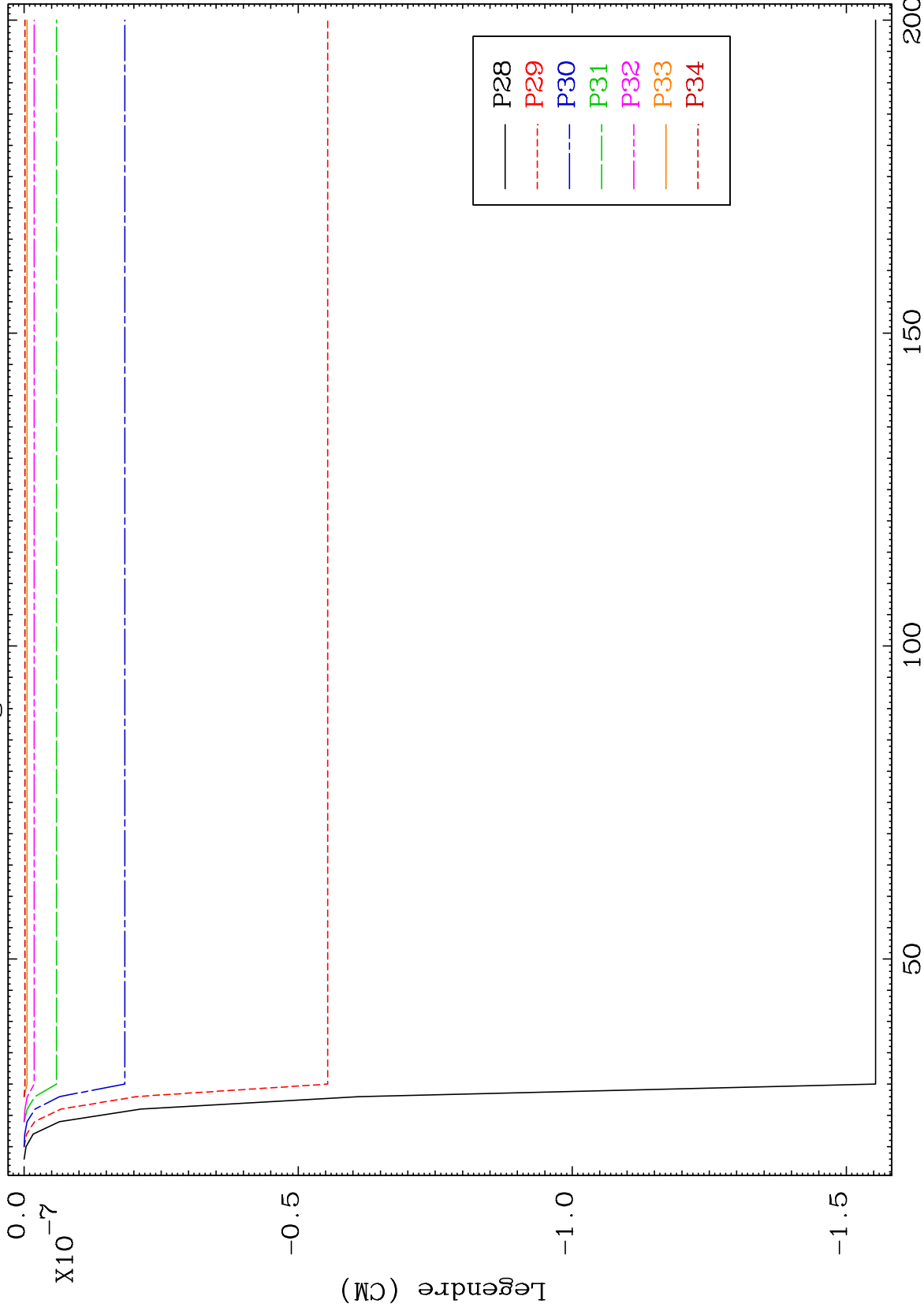
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



43-Tc-93

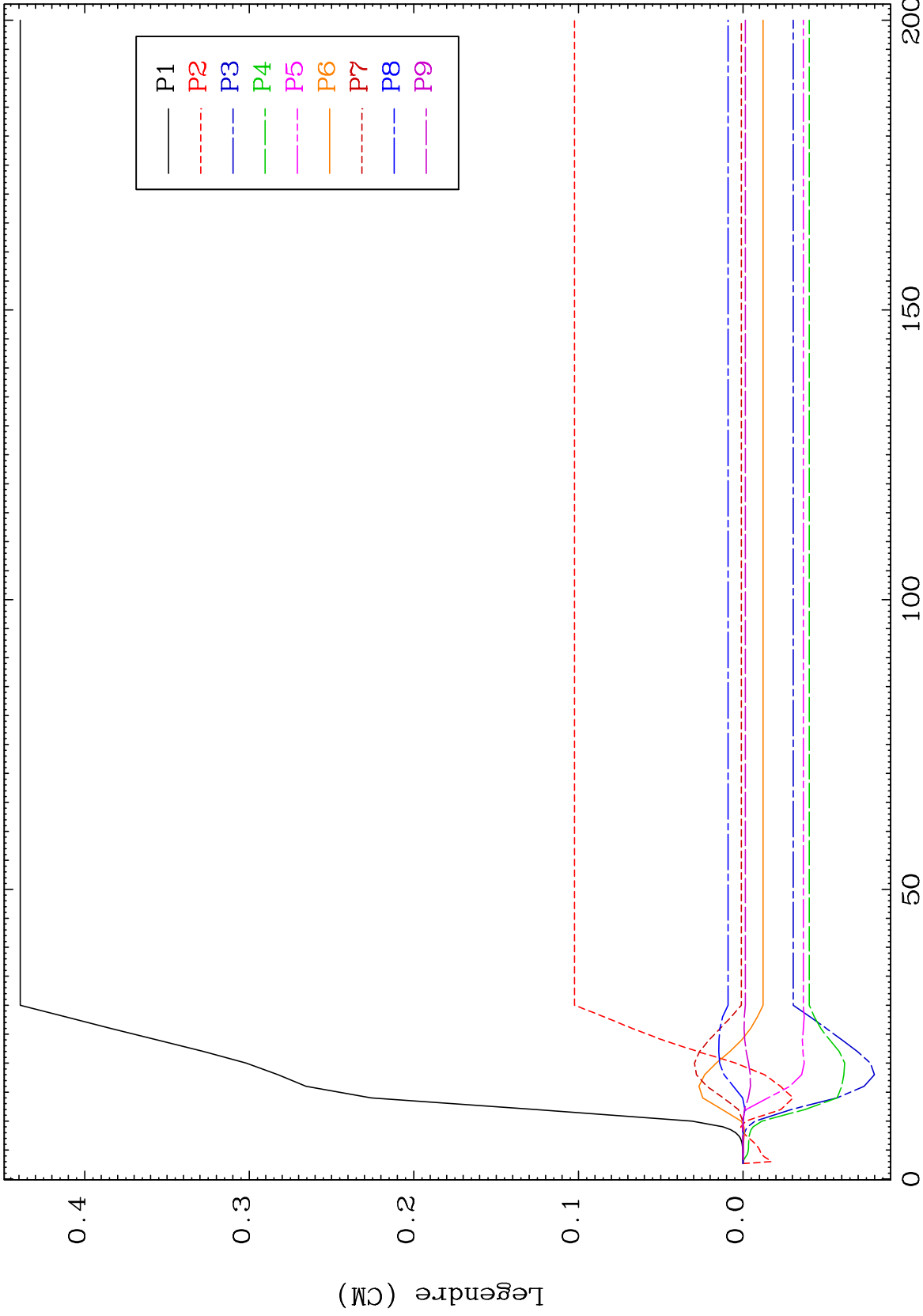
Incident Energy (MeV)

112

MAT 4307

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

43-Tc-93



113

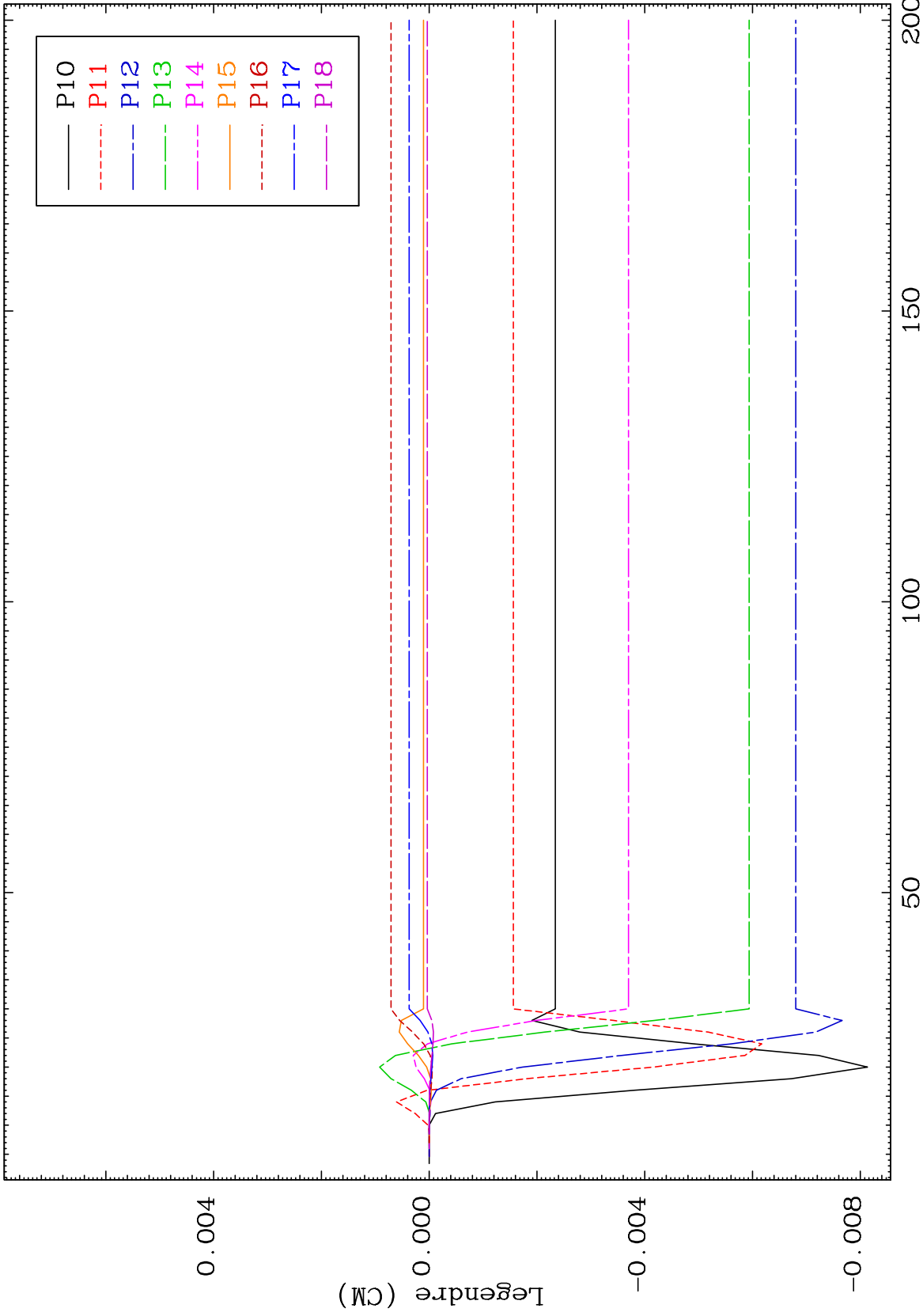
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



114

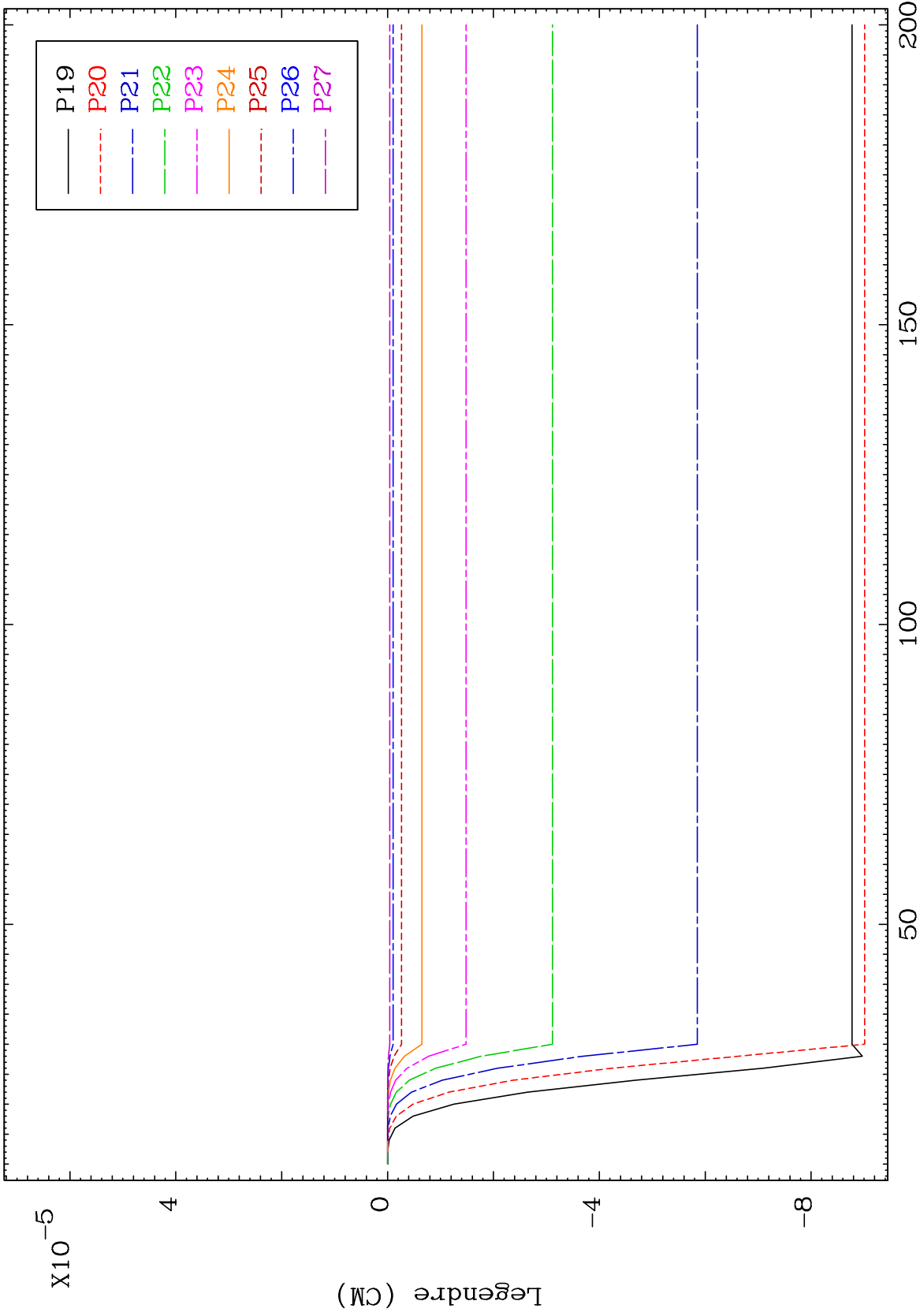
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

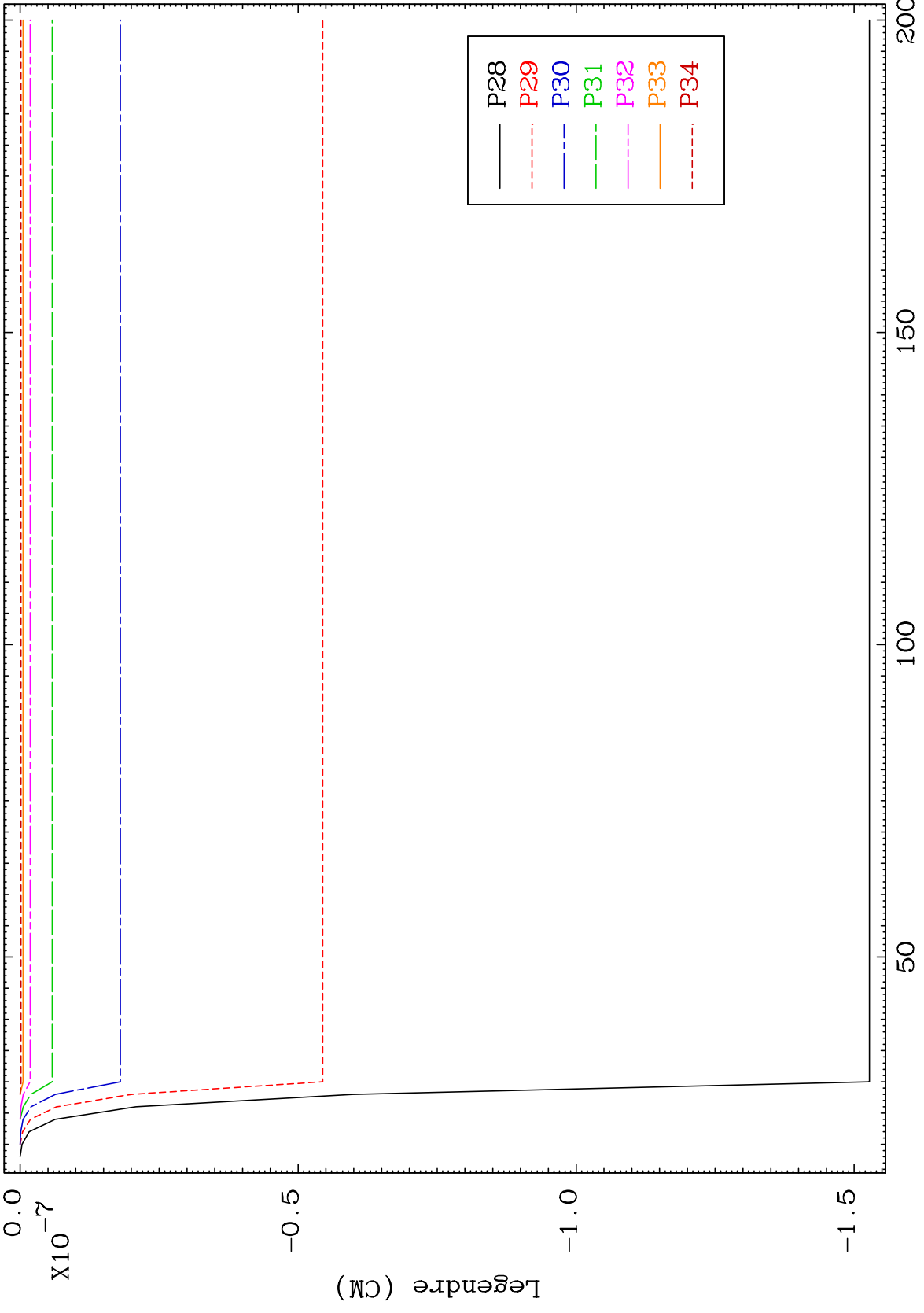
43-Tc-93



115

43-Tc-93

MAT 4307 MT= 75 (n,n') Level Legendre Coefficients 43-Tc-93

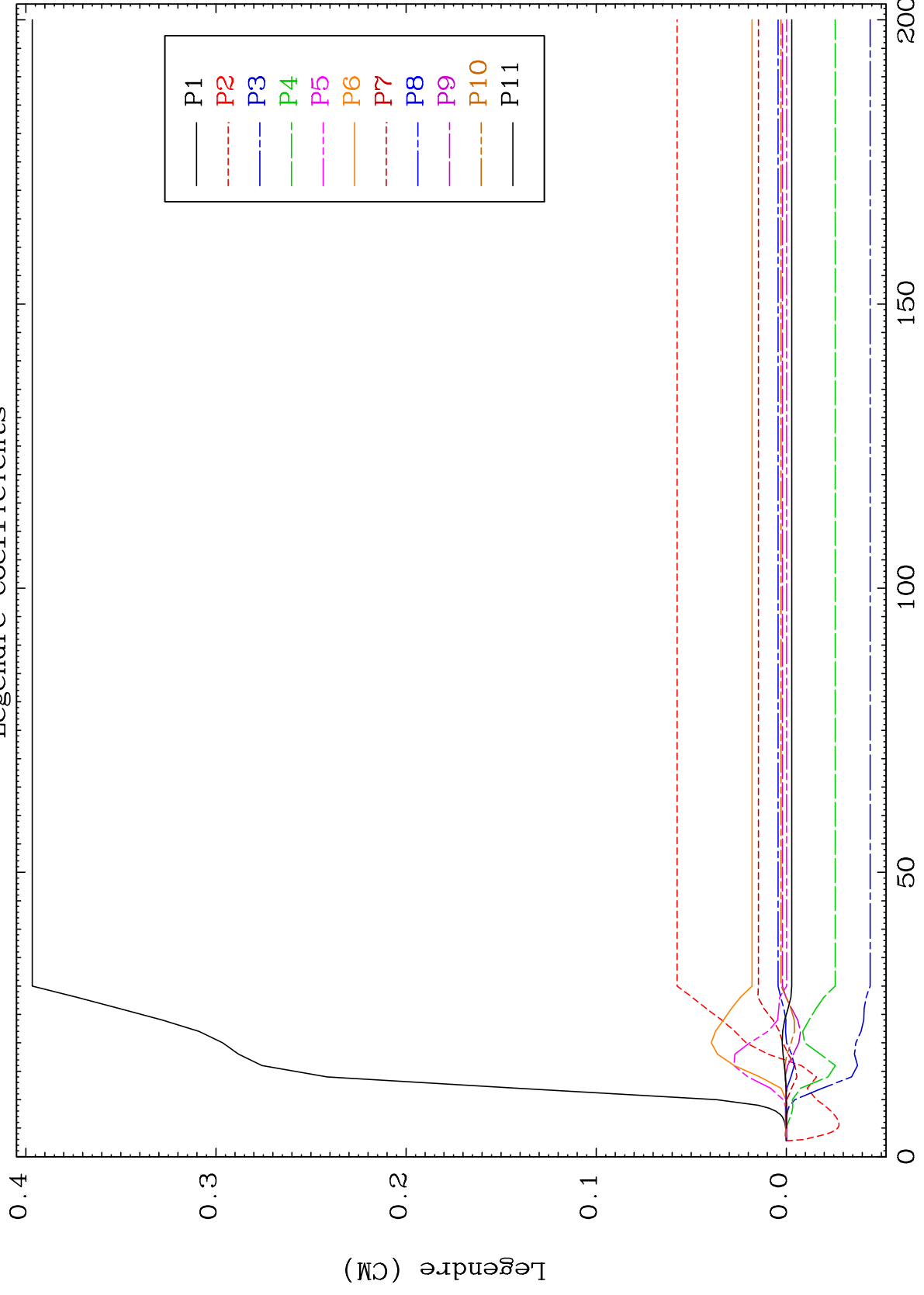


116 43-Tc-93

MAT 4307

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

43-Tc-93



117

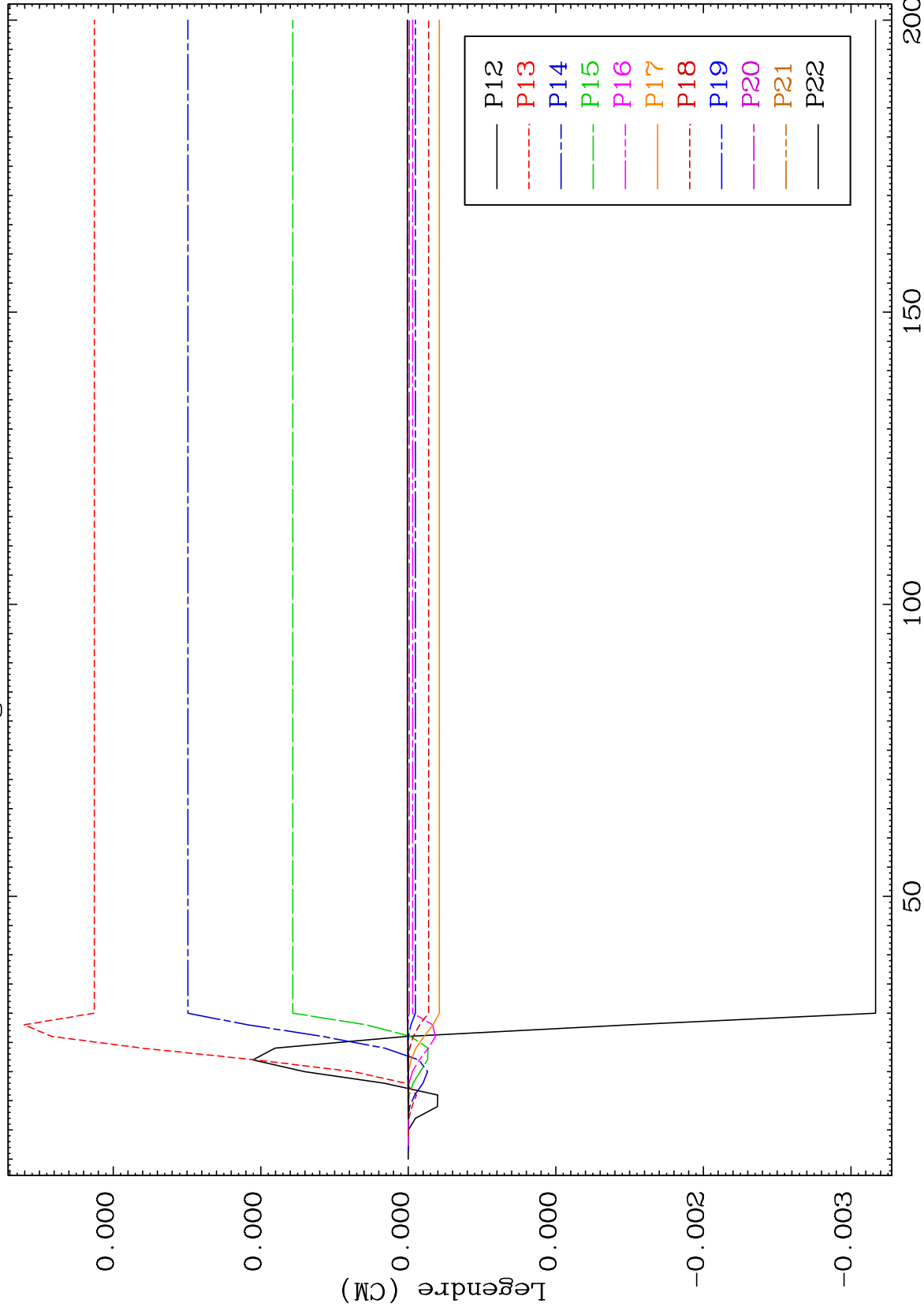
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



118

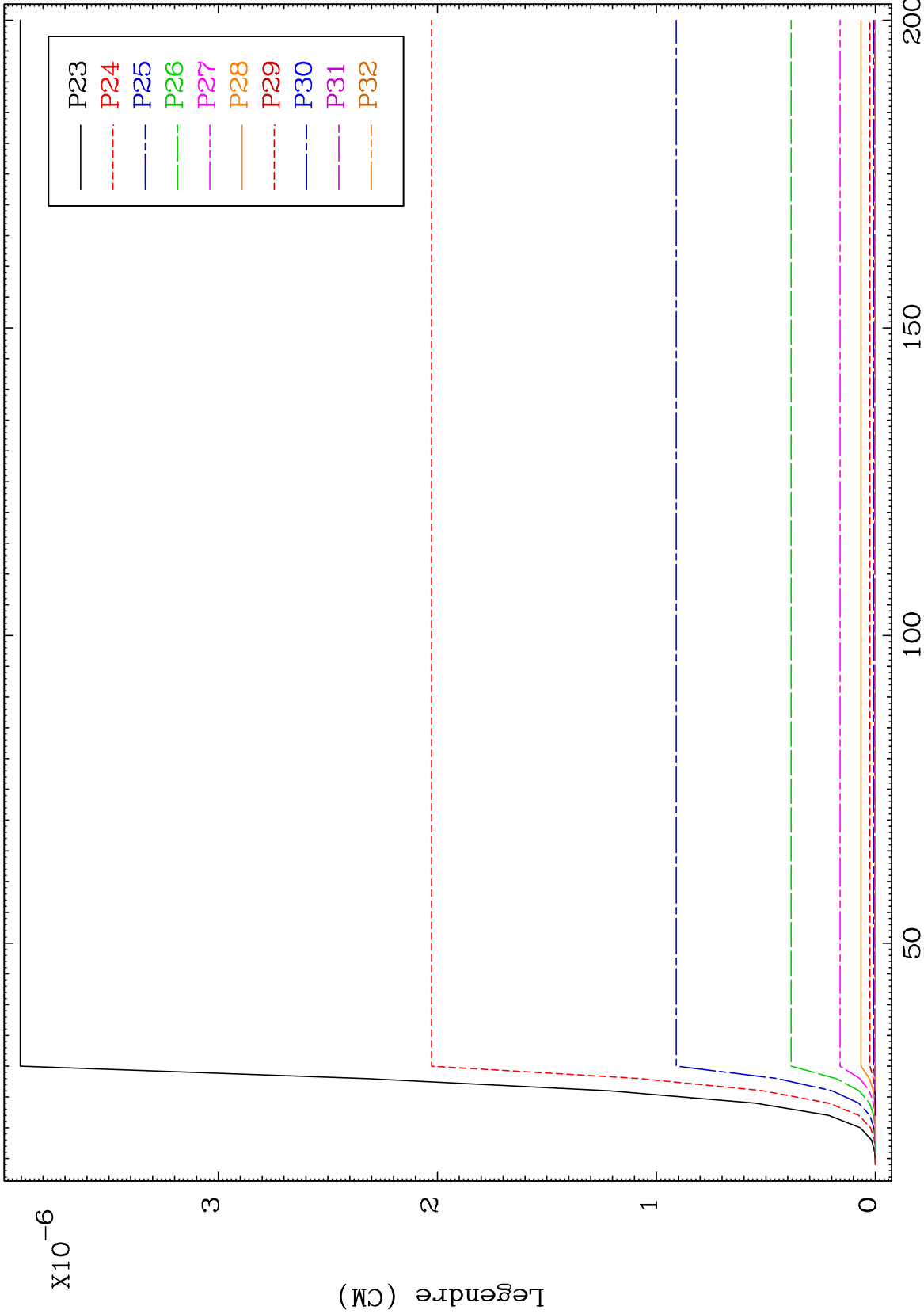
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



119

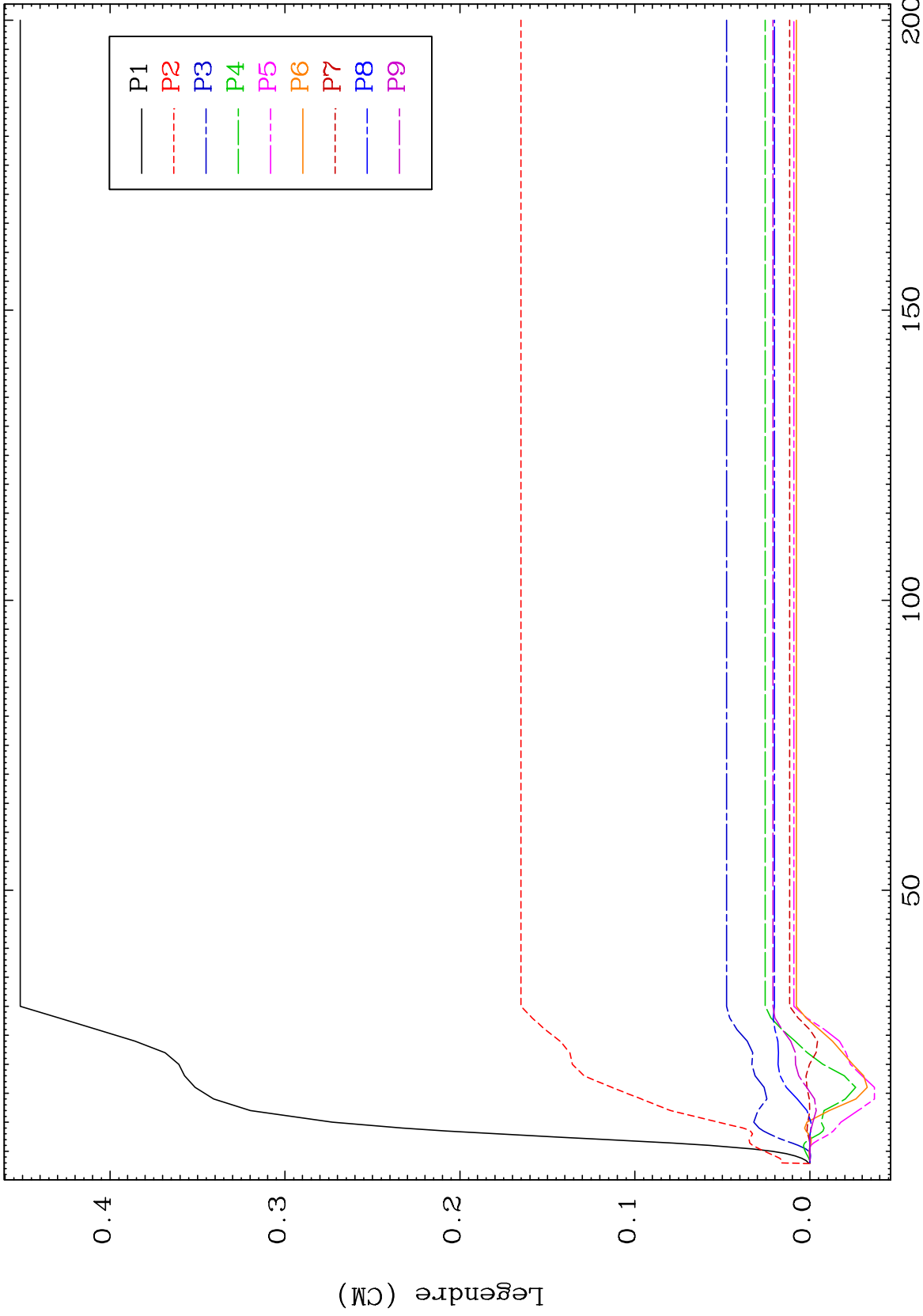
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



43-Tc-93

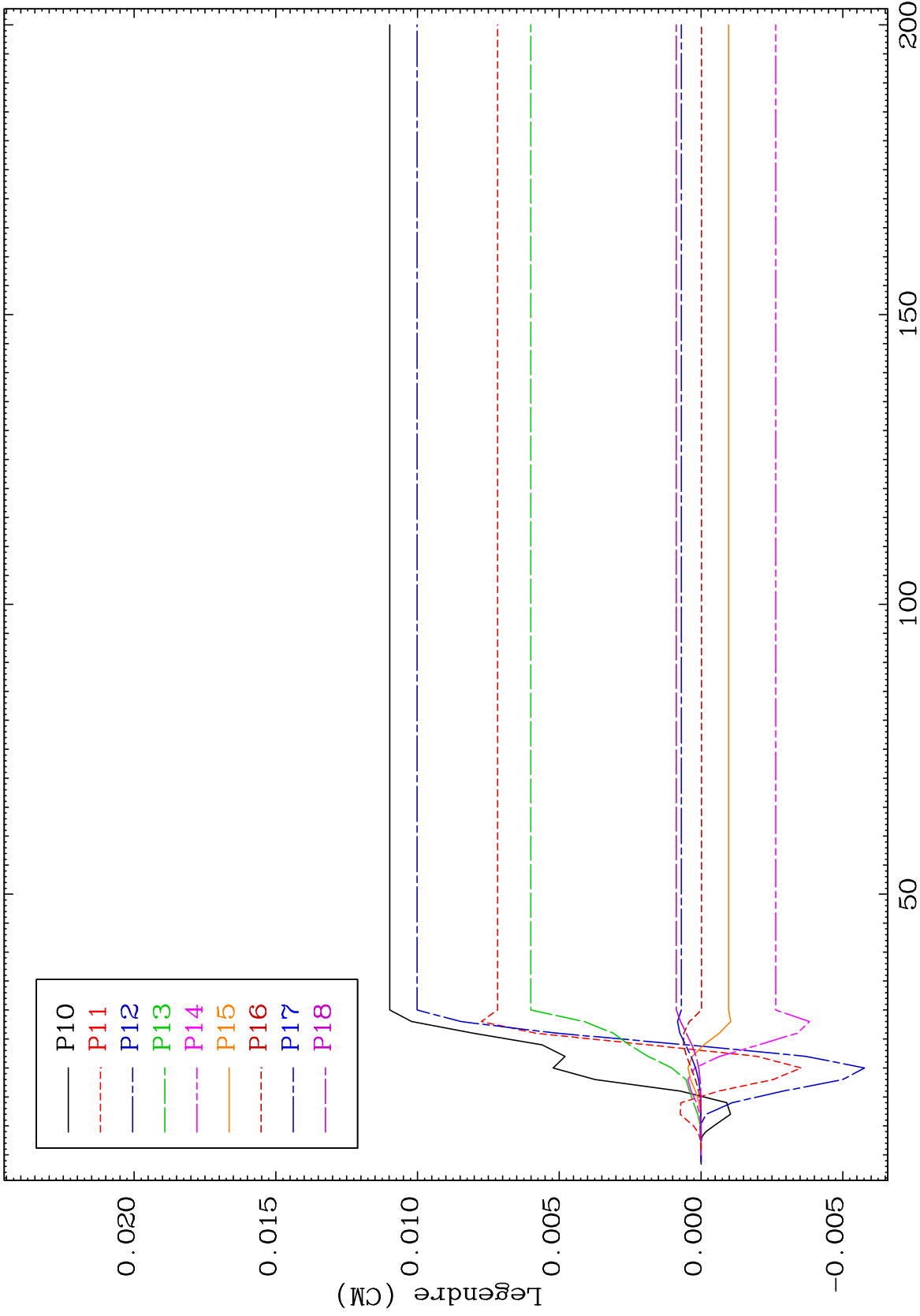
Incident Energy (MeV)

120

MAT 4307

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

43-Tc-93



121

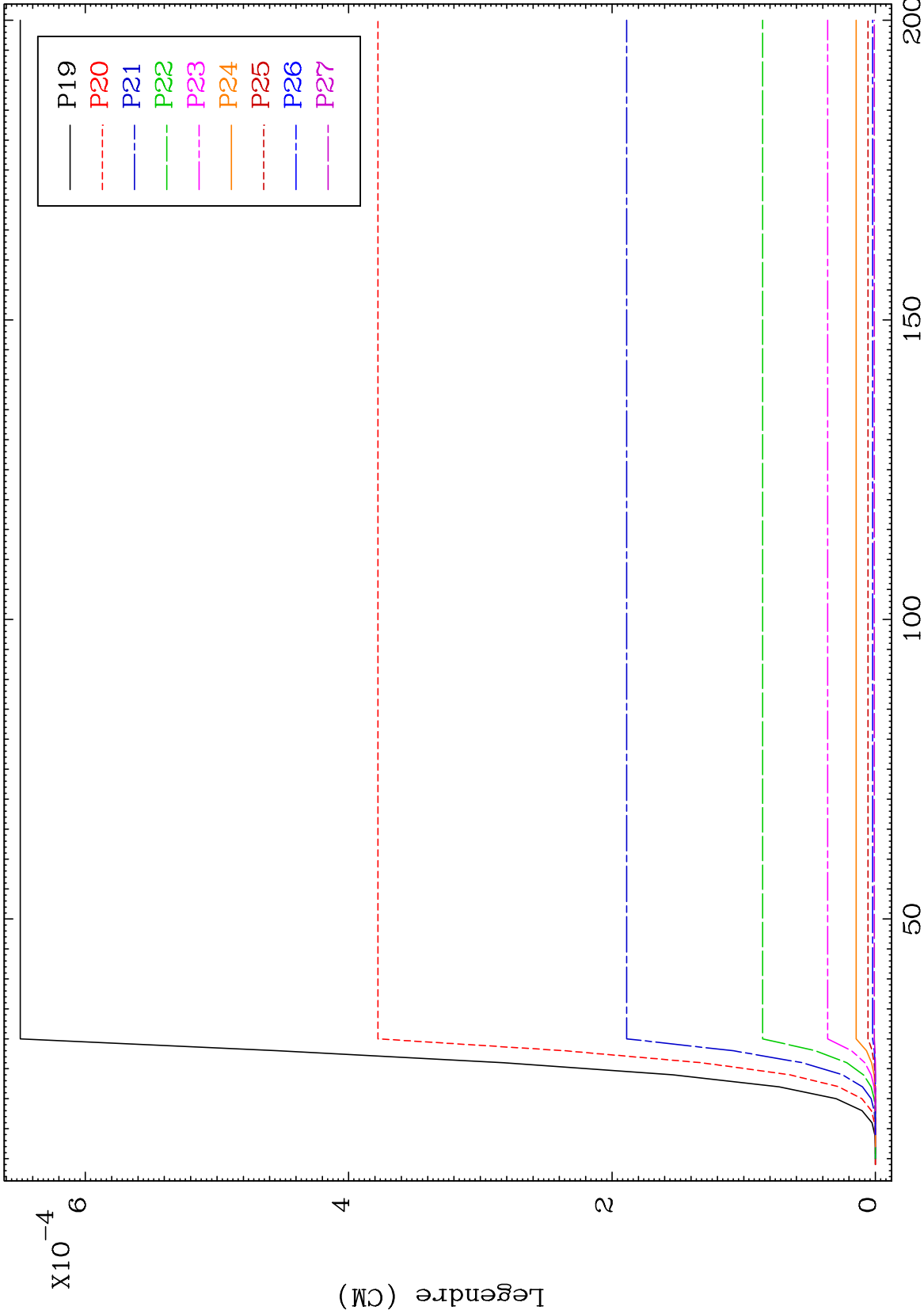
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



122

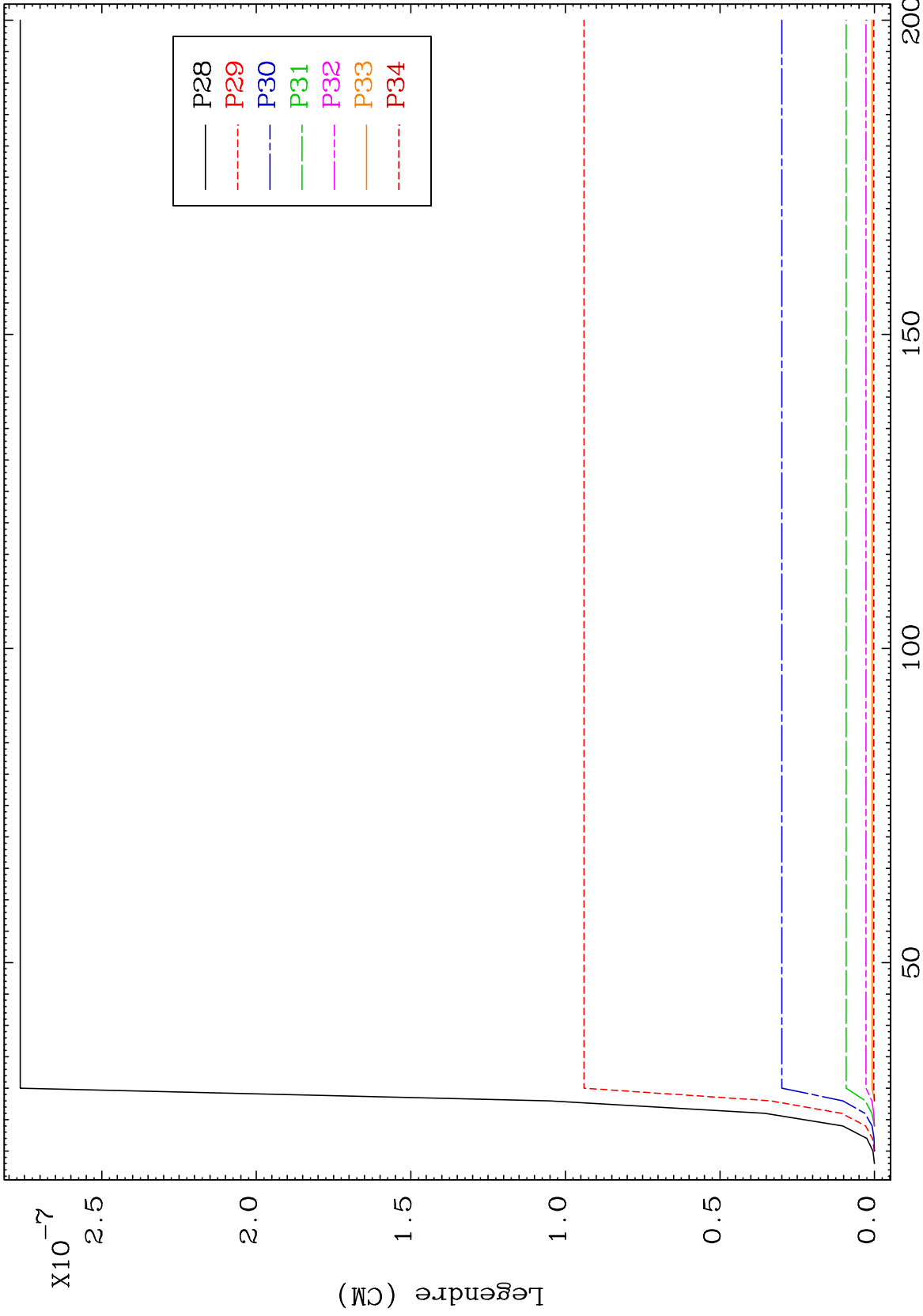
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

43-Tc-93



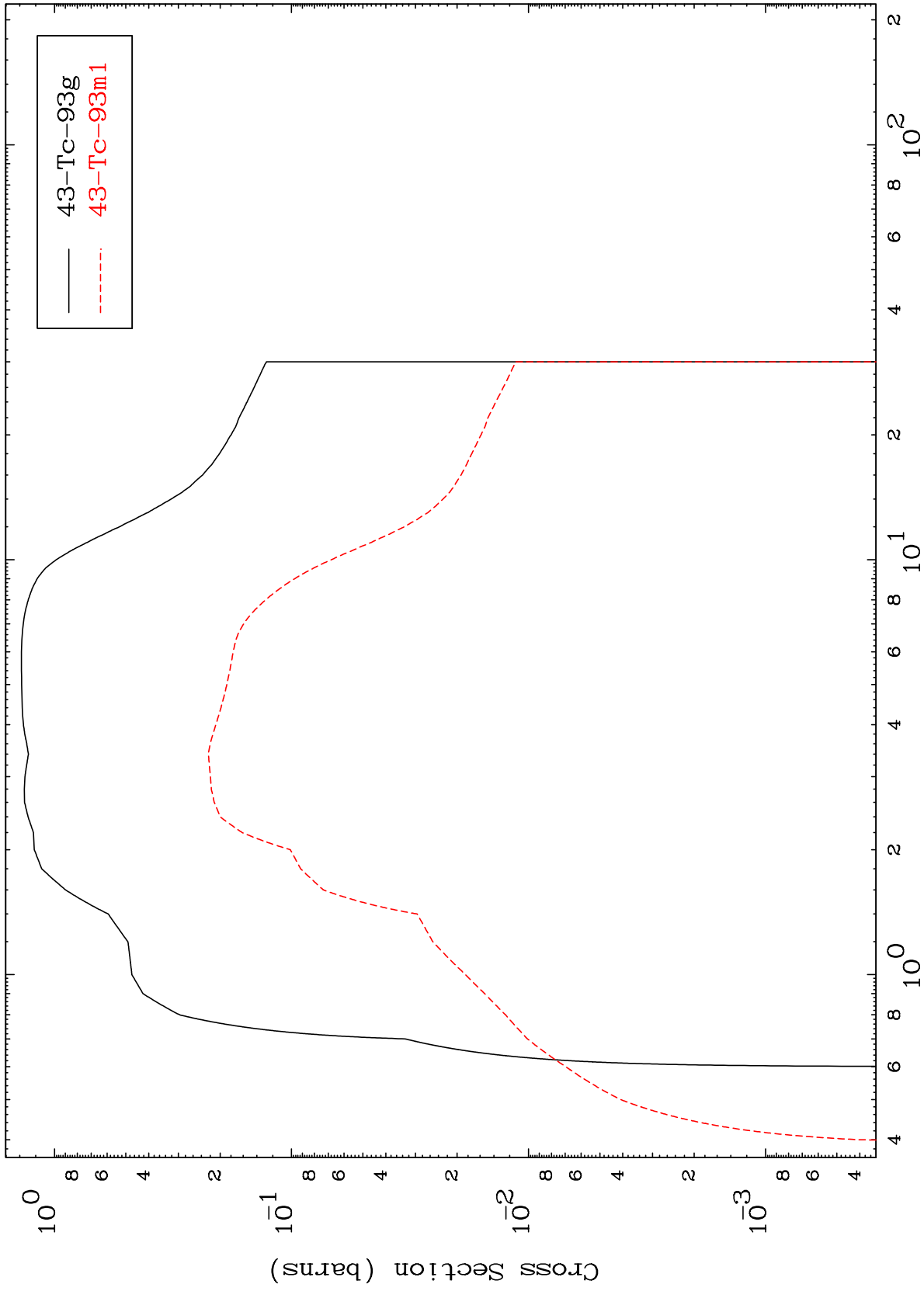
123

43-Tc-93

MAT 4307

43-Tc-93

Inelastic Radionuclide Production Cross Section



124

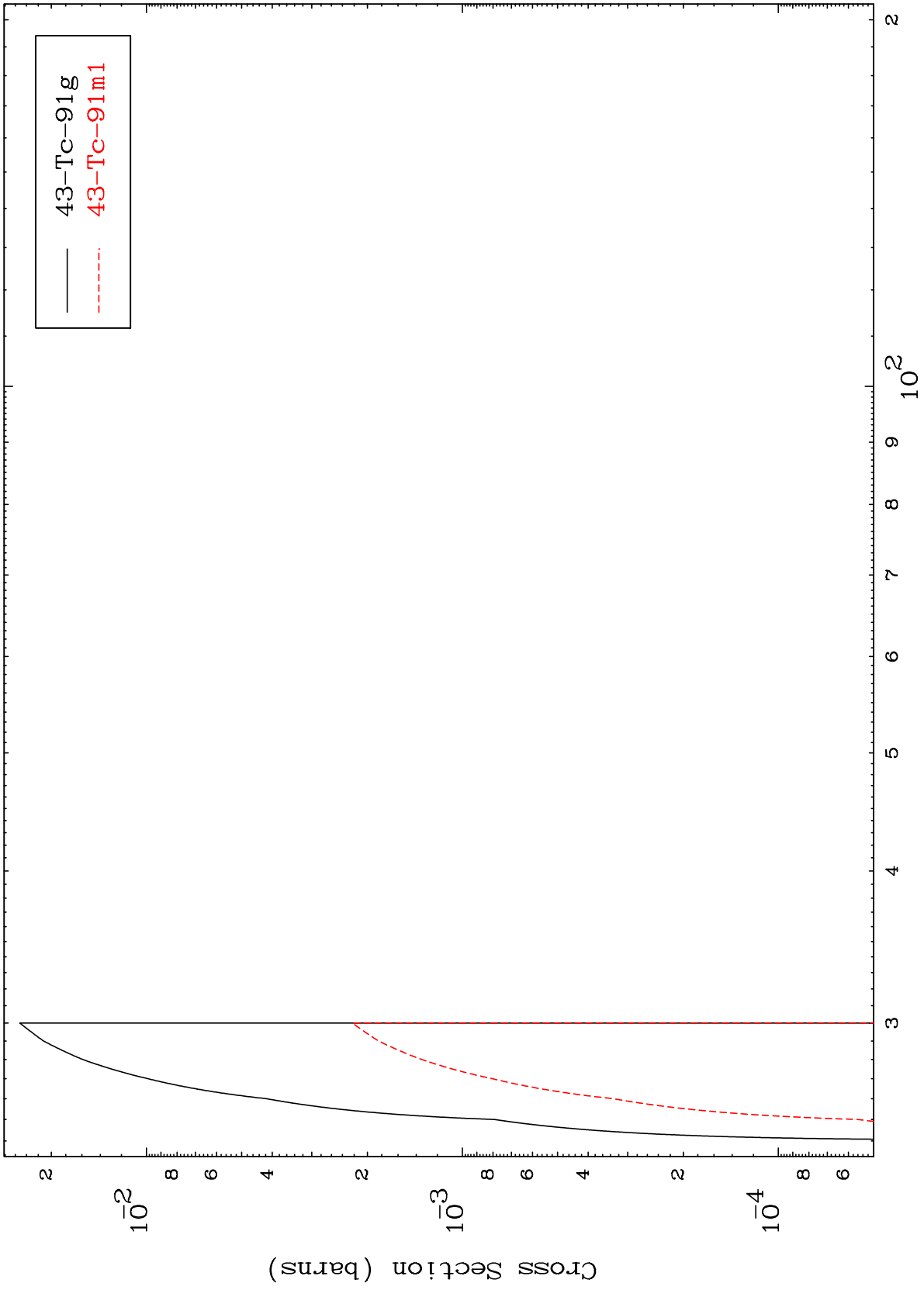
Incident Energy (MeV)

43-Tc-93

MAT 4307

43-Tc-93

(n,3n)
Radionuclide Production Cross Section



125

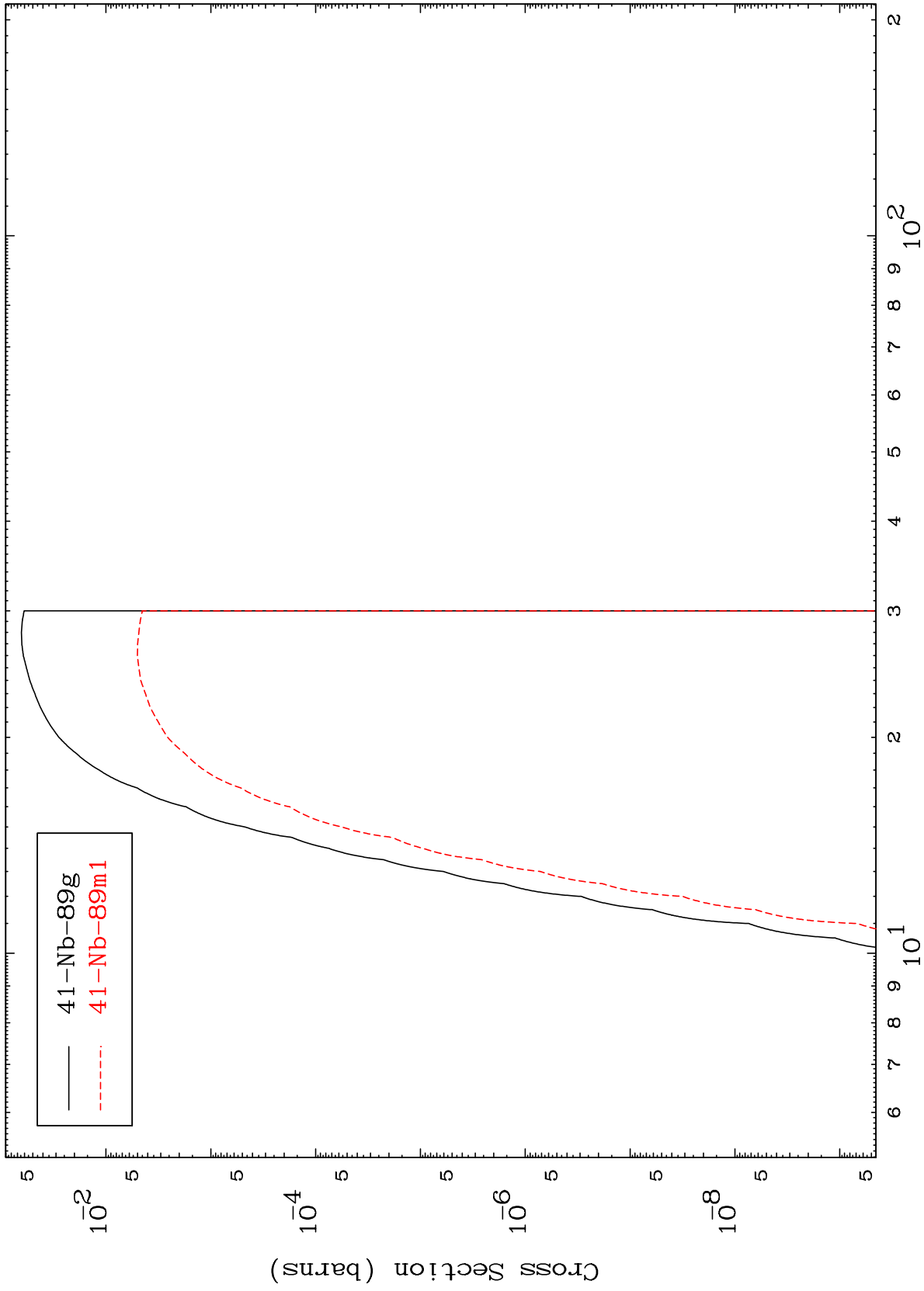
43-Tc-93

MAT 4307

(n,n') α

43-Tc-93

Radionuclide Production Cross Section



126

Incident Energy (MeV)

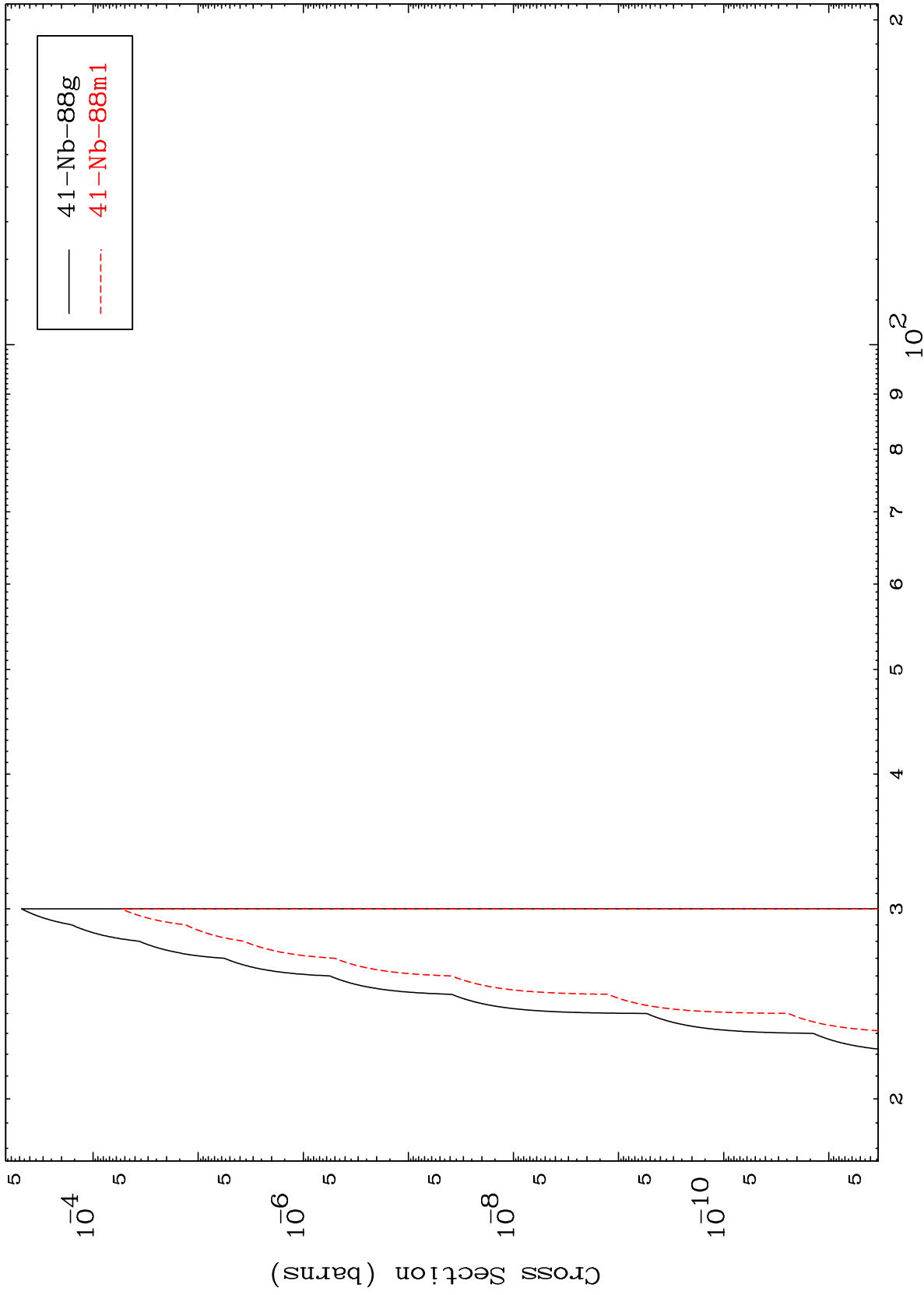
43-Tc-93

MAT 4307

(n,2n) α

43-Tc-93

Radionuclide Production Cross Section



127

Incident Energy (MeV)

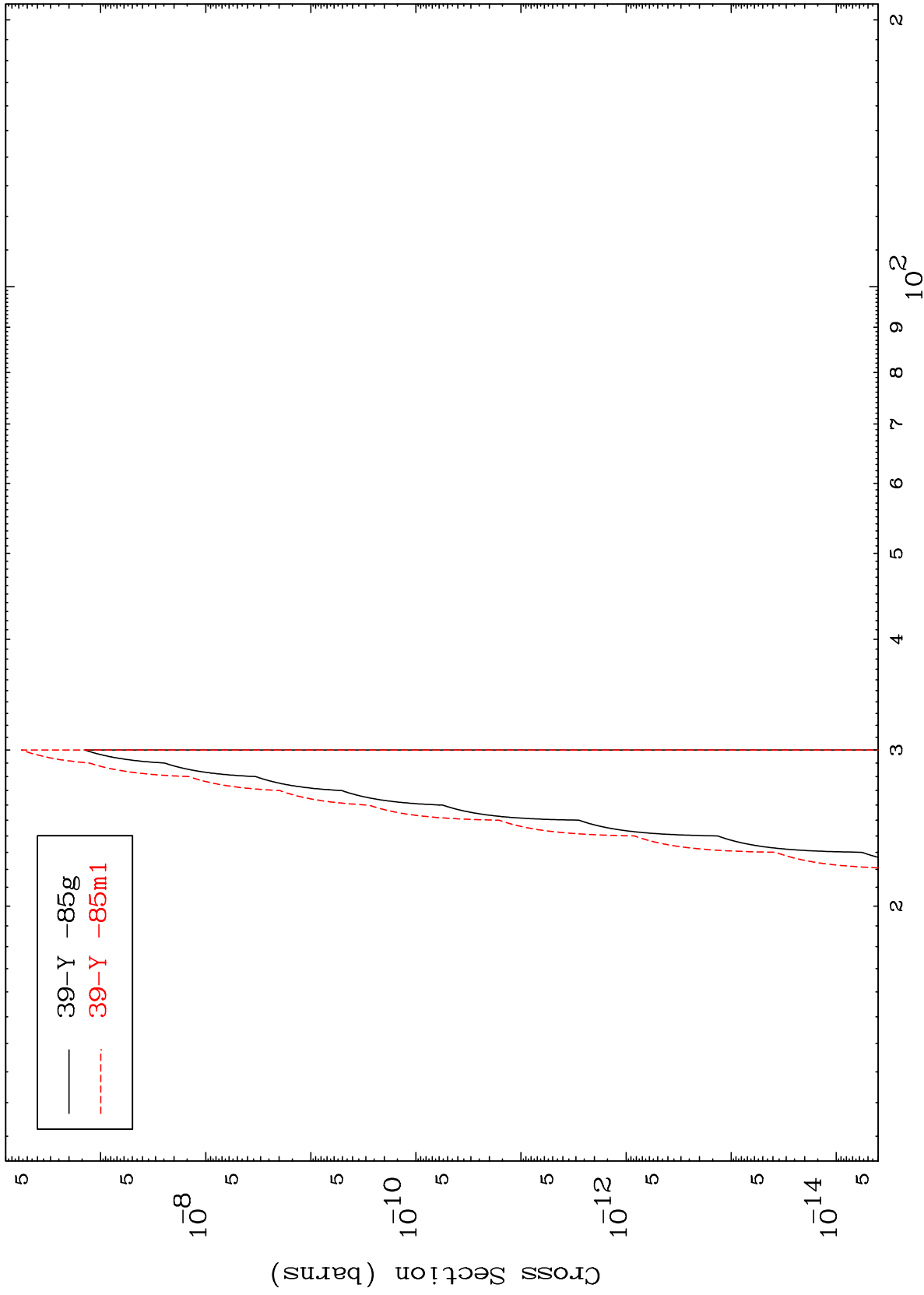
43-Tc-93

MAT 4307

(n,n') 2 α

43-Tc-93

Radionuclide Production Cross Section



128

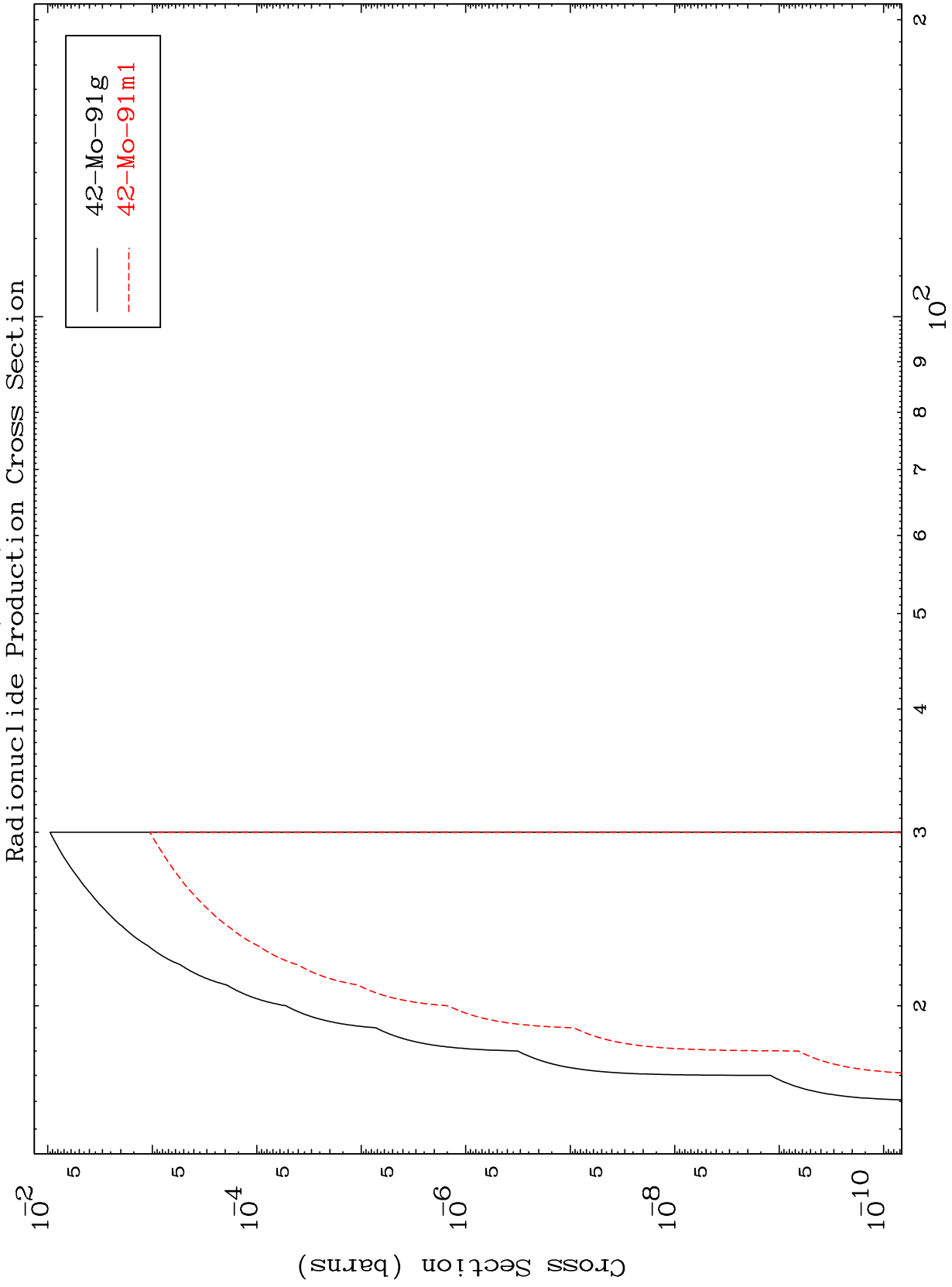
Incident Energy (MeV)

43-Tc-93

MAT 4307

(n,n') d

43-Tc-93



129

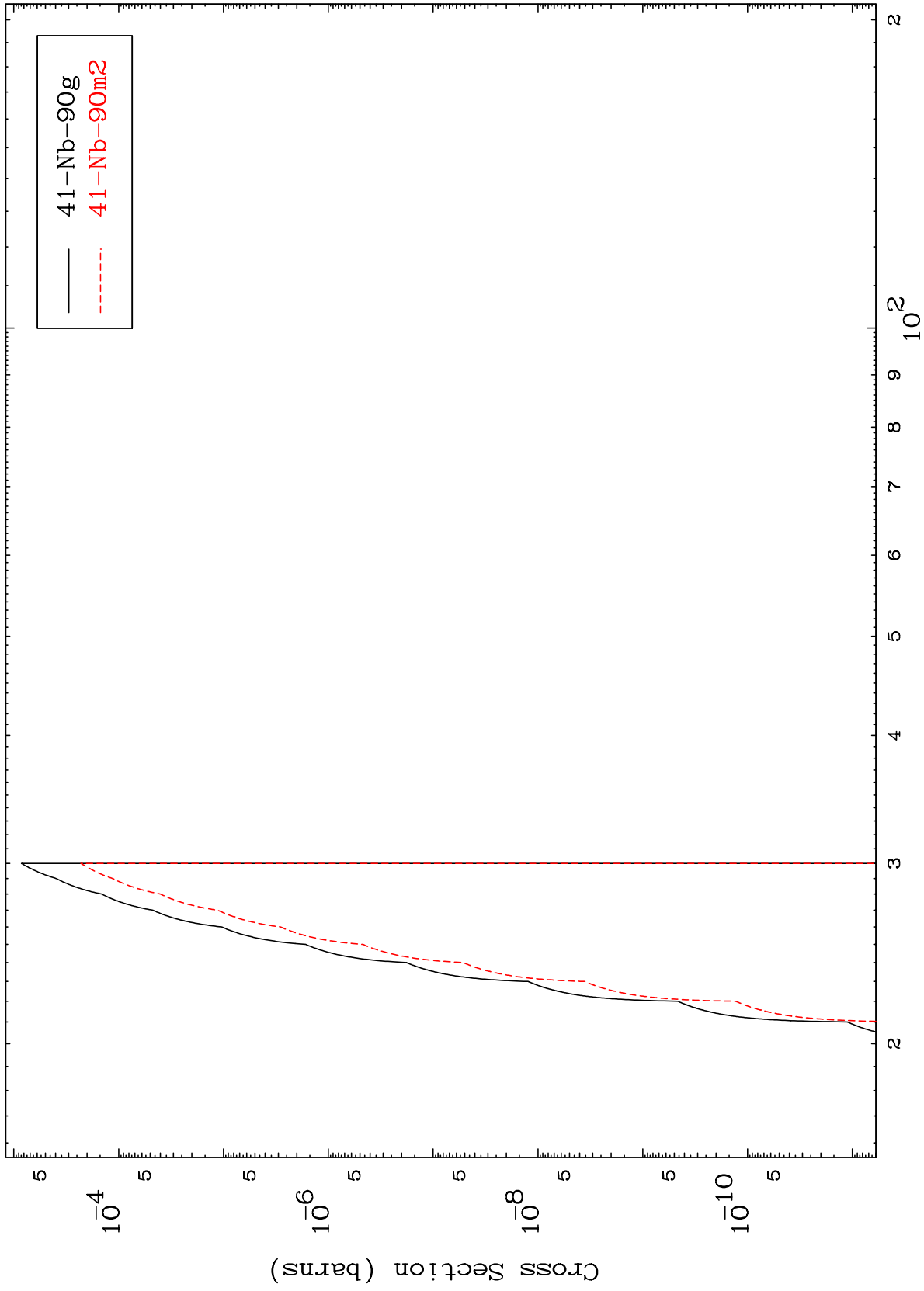
43-Tc-93

MAT 4307

(n, n') He-3

43-Tc-93

Radionuclide Production Cross Section



130

Incident Energy (MeV)

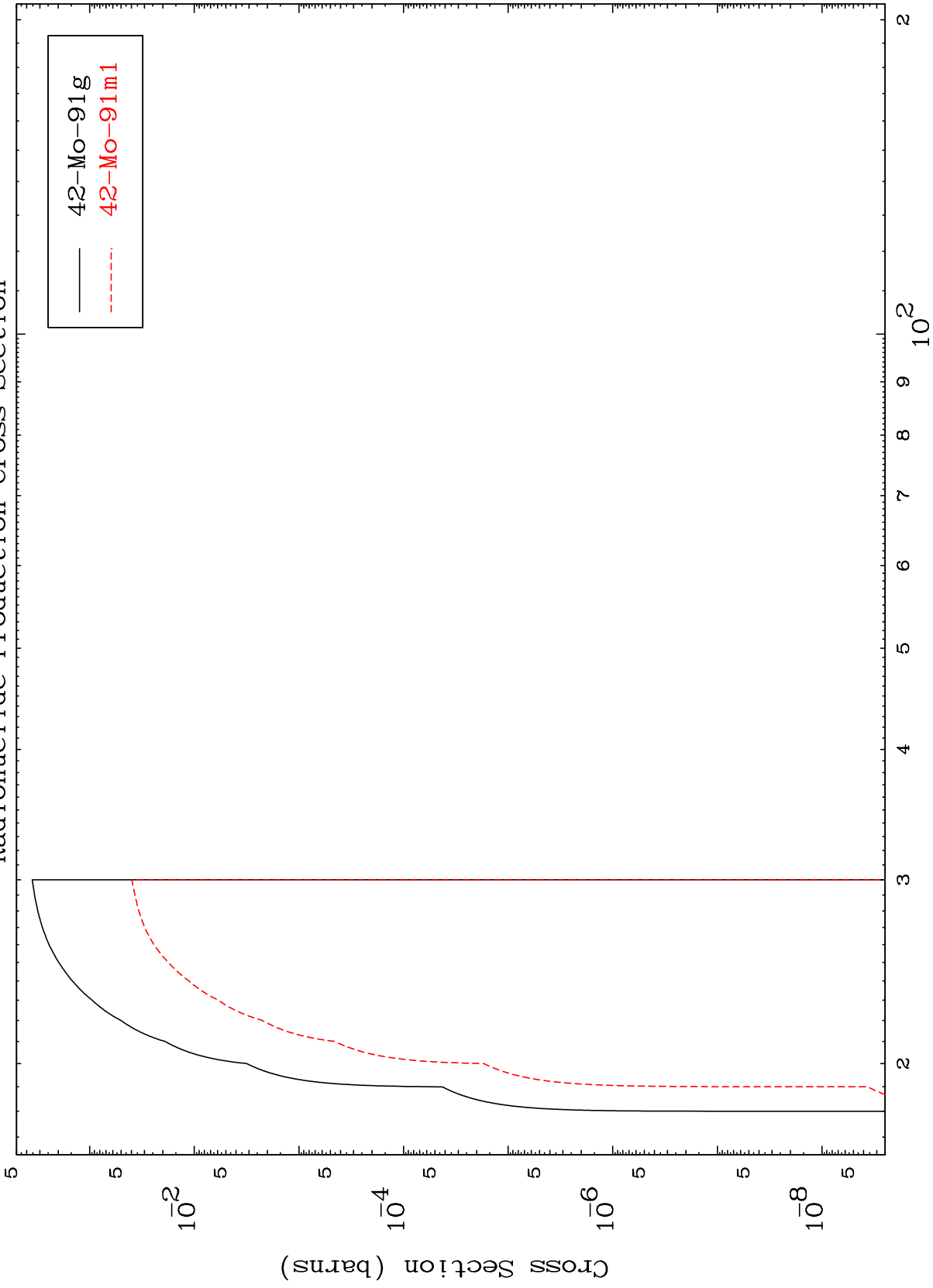
43-Tc-93

MAT 4307

(n,2n) p

43-Tc-93

Radionuclide Production Cross Section



131

Incident Energy (MeV)

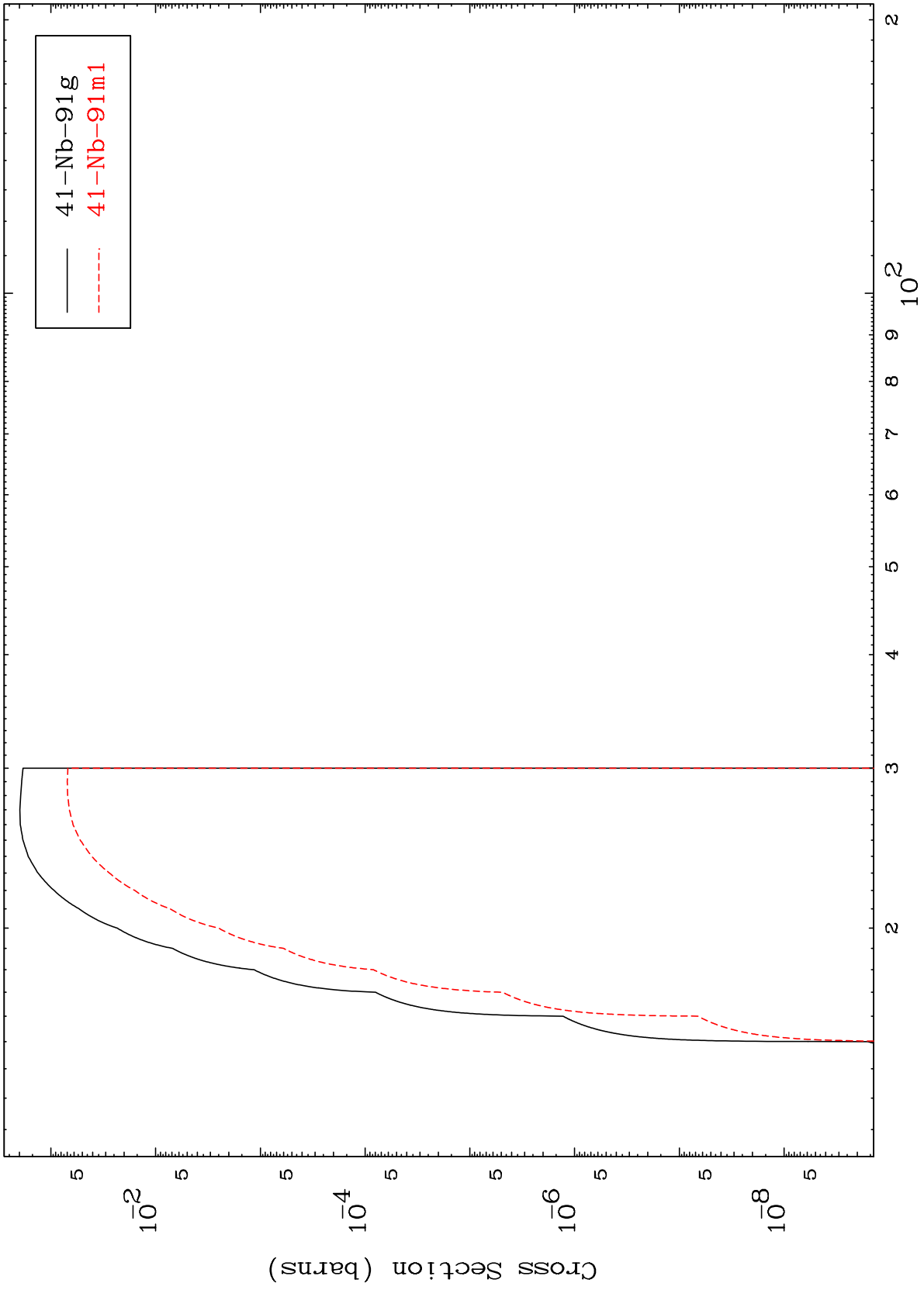
43-Tc-93

MAT 4307

(n,2n) p

43-Tc-93

Radionuclide Production Cross Section



41-Nb-91g
41-Nb-91m1

132

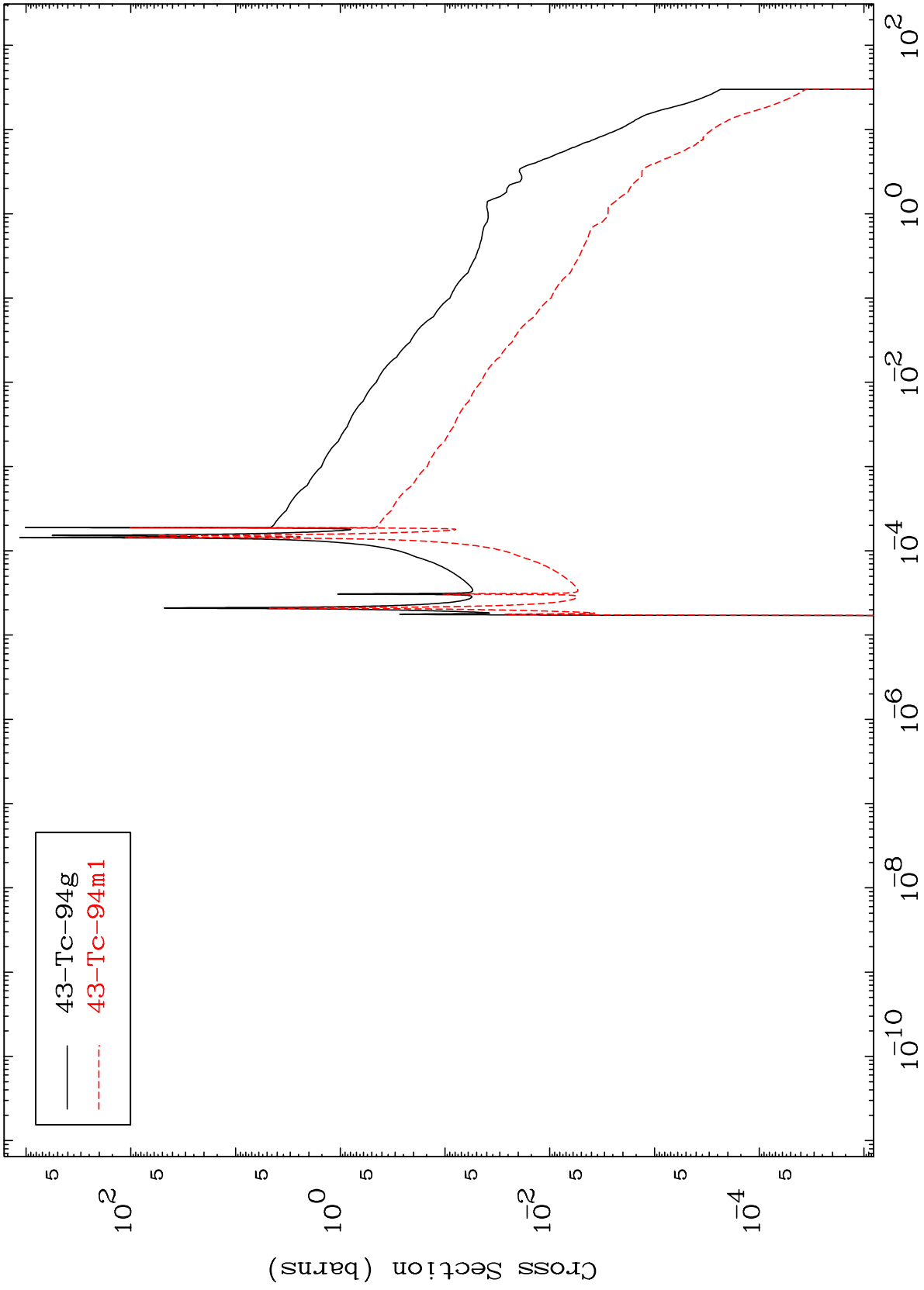
Incident Energy (MeV)

43-Tc-93

MAT 4307

43-Tc-93

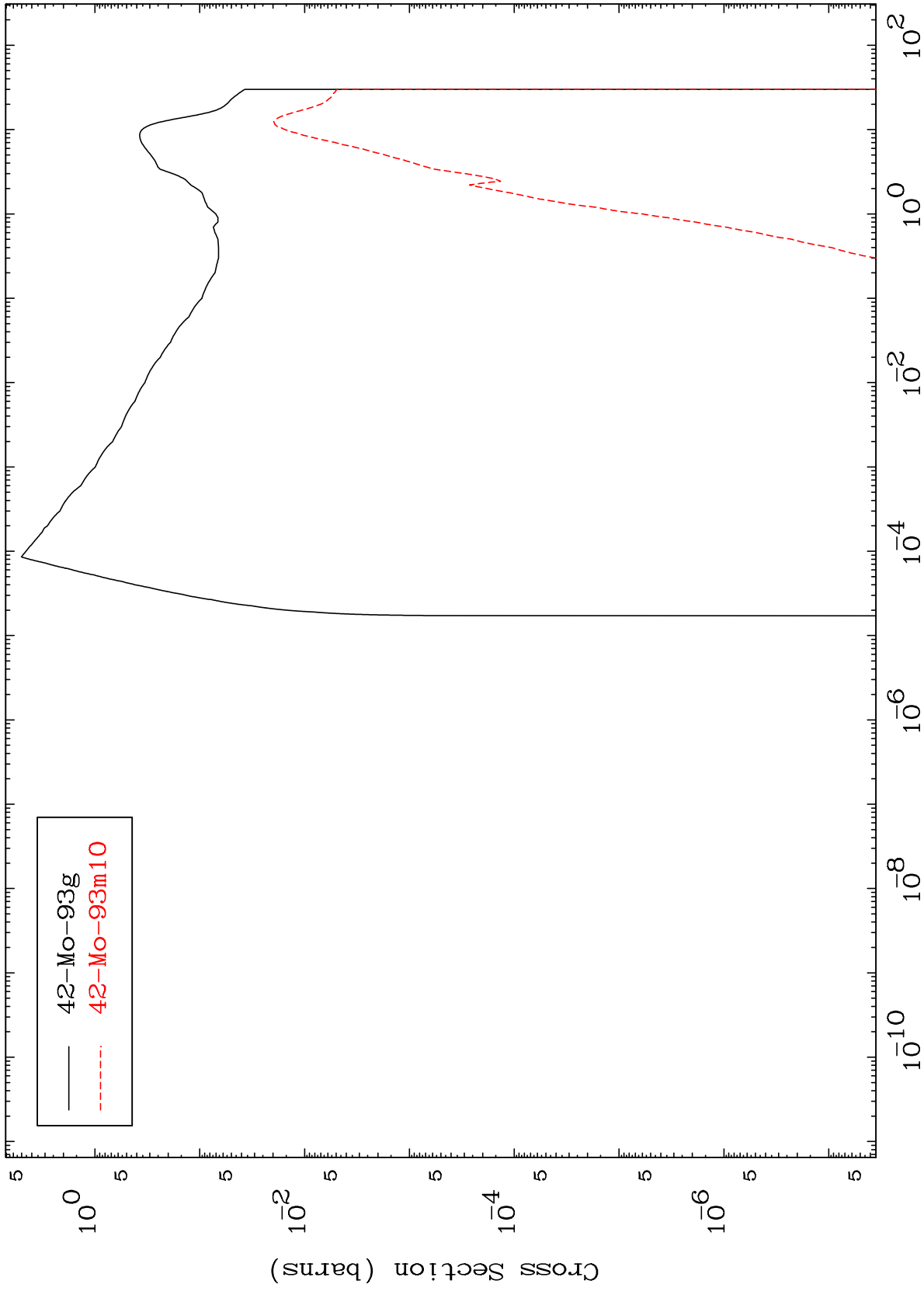
(n,γ)
Radionuclide Production Cross Section



MAT 4307

43-Tc-93

(n,p)
Radionuclide Production Cross Section



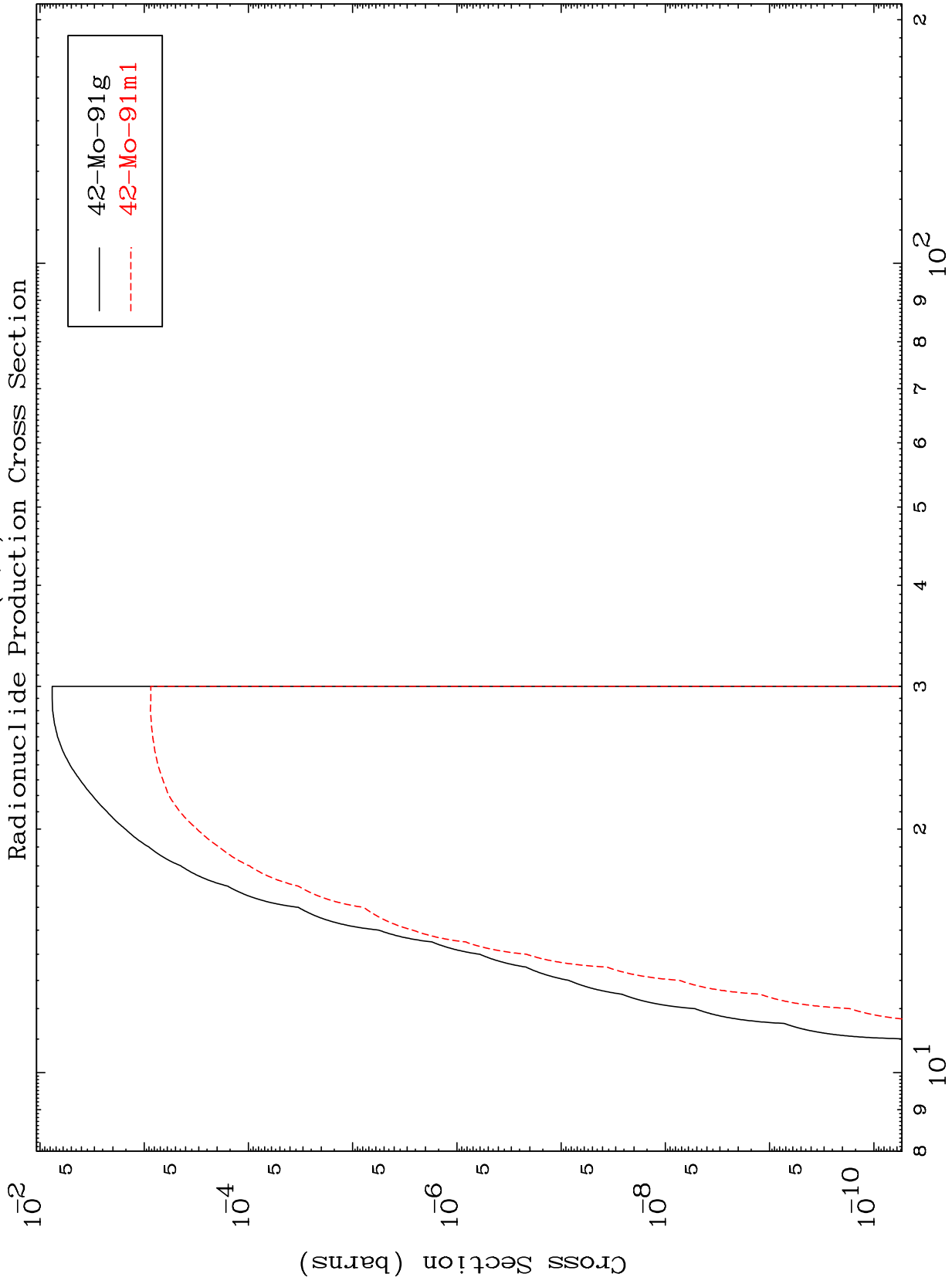
134

43-Tc-93

MAT 4307

(n, t)

43-Tc-93



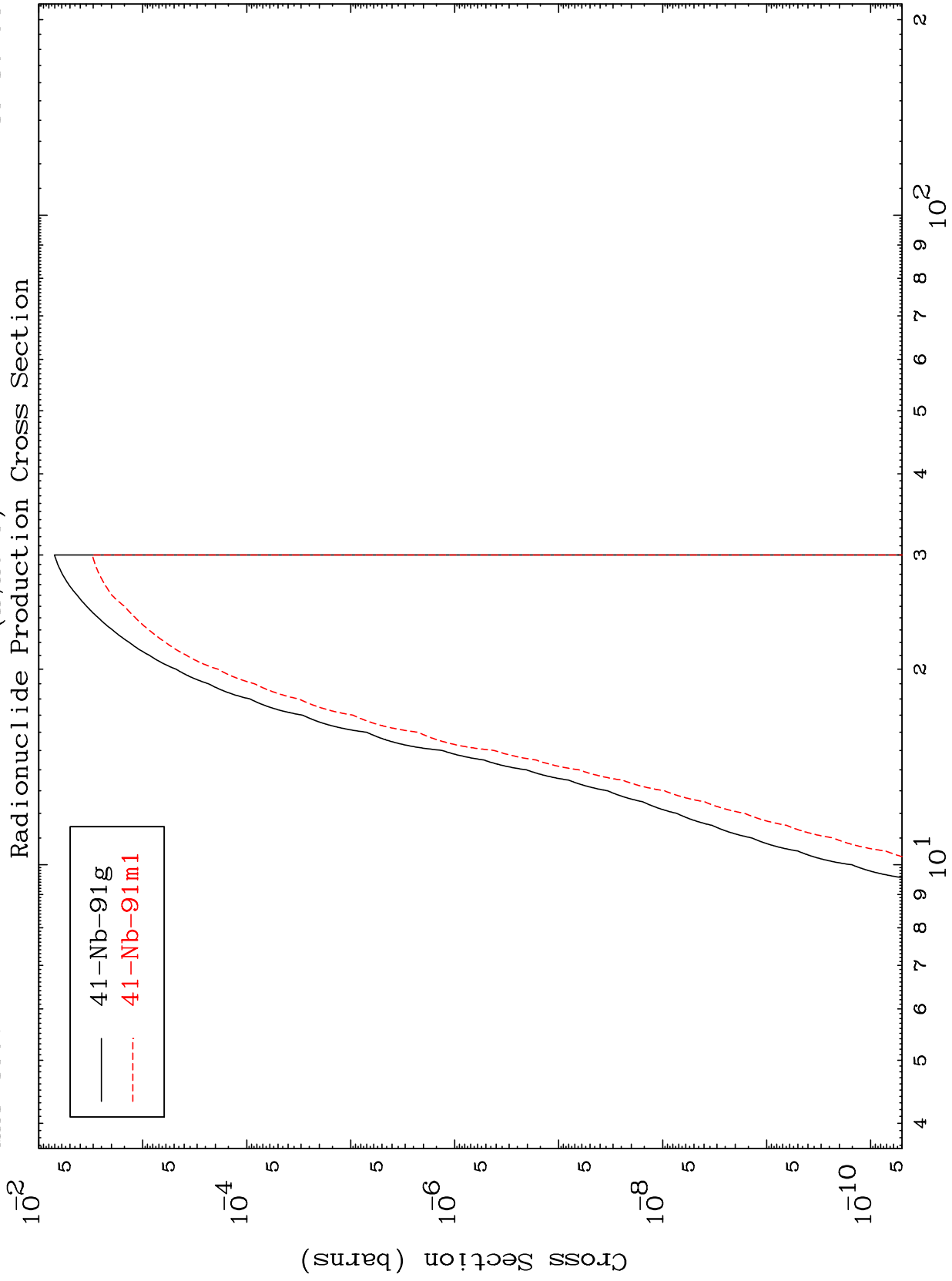
135

43-Tc-93

MAT 4307

(n, He-3)

43-Tc-93



136

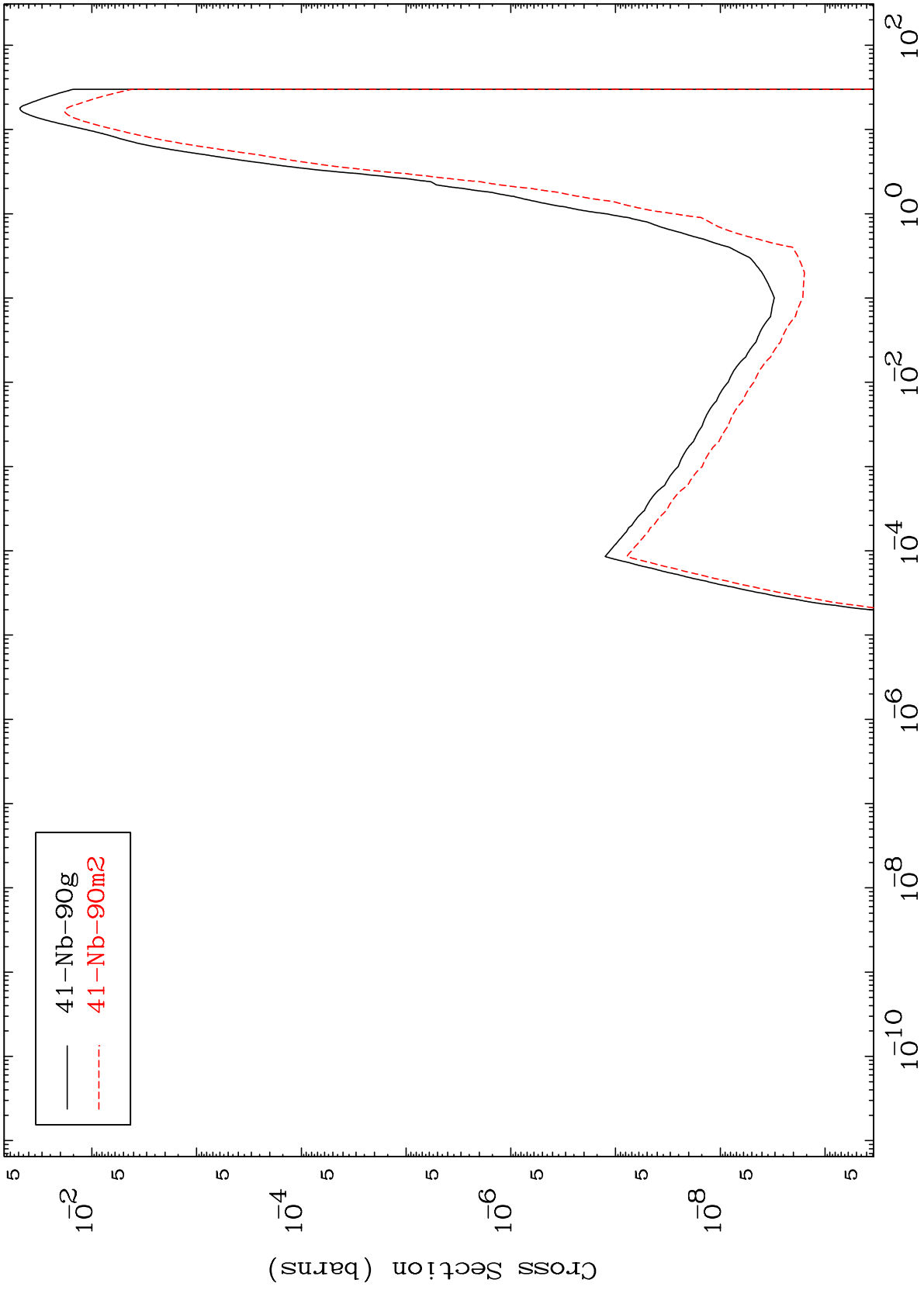
43-Tc-93

MAT 4307

(n, α)

43-Tc-93

Radionuclide Production Cross Section



— 41-Nb-90g
- - - 41-Nb-90m2

137

Incident Energy (MeV)

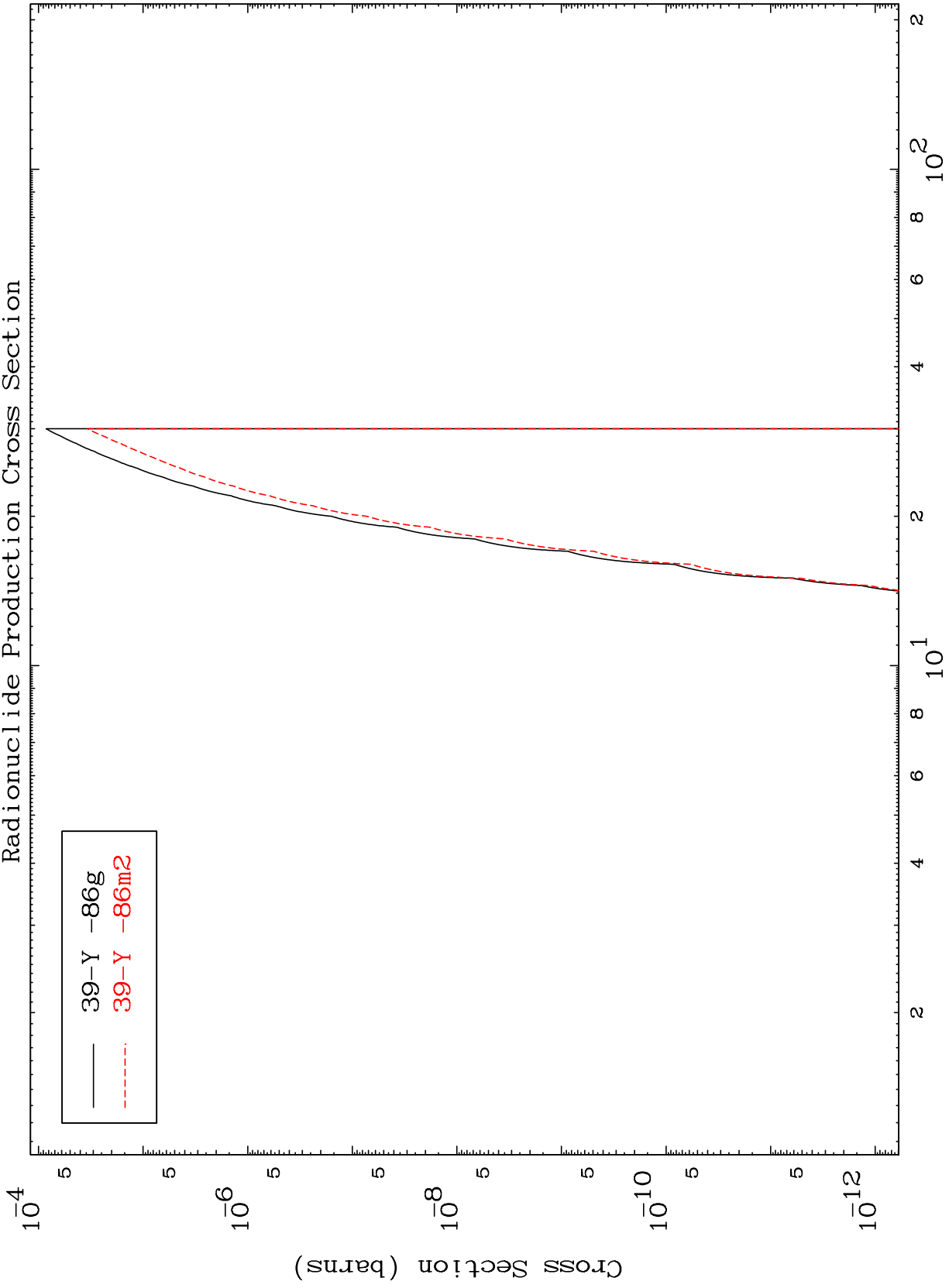
43-Tc-93

MAT 4307

(n,2α)

43-Tc-93

Radionuclide Production Cross Section

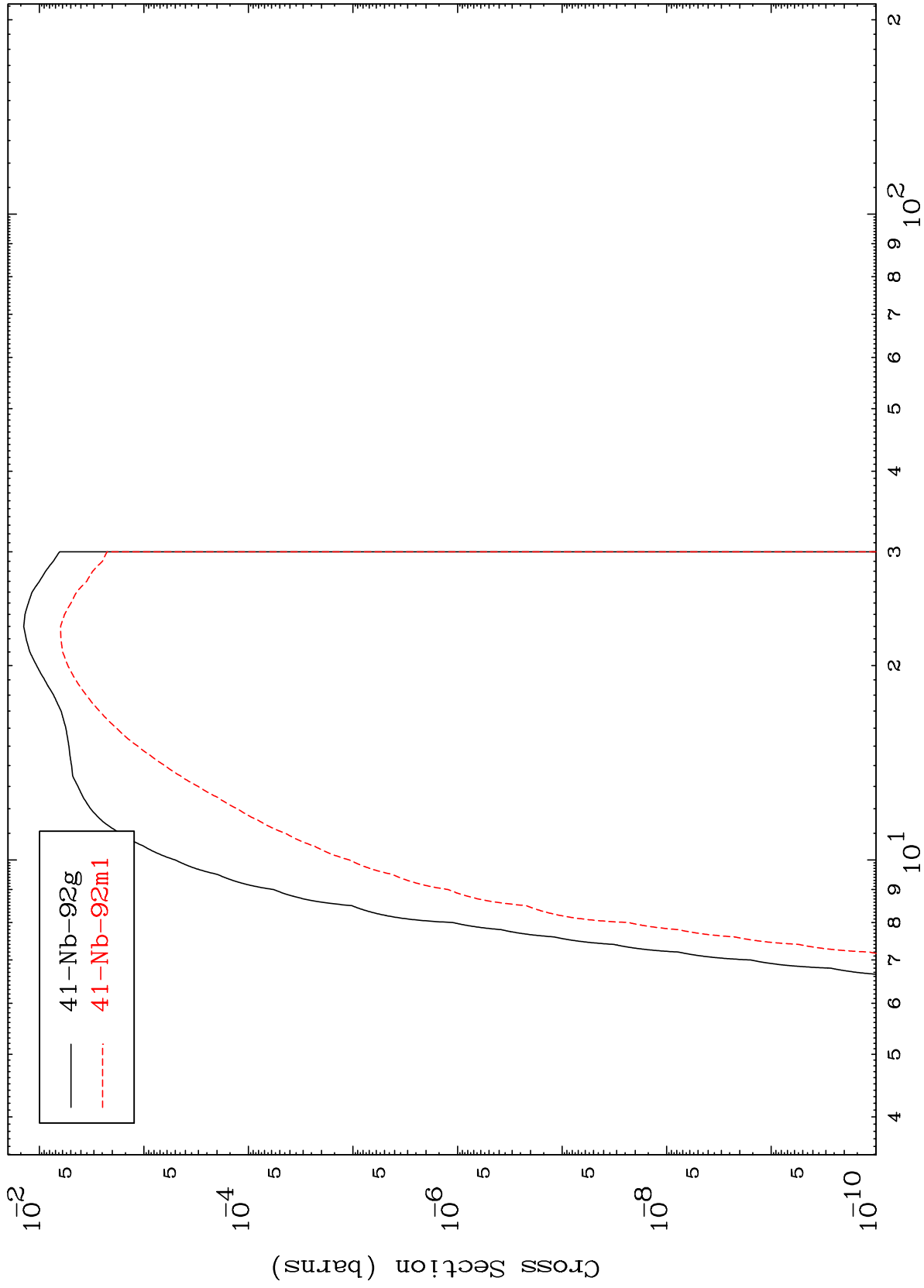


39-Y -86g
39-Y -86m2

MAT 4307

43-Tc-93

Radionuclide Production Cross Section
(n,2p)



139

Incident Energy (MeV)

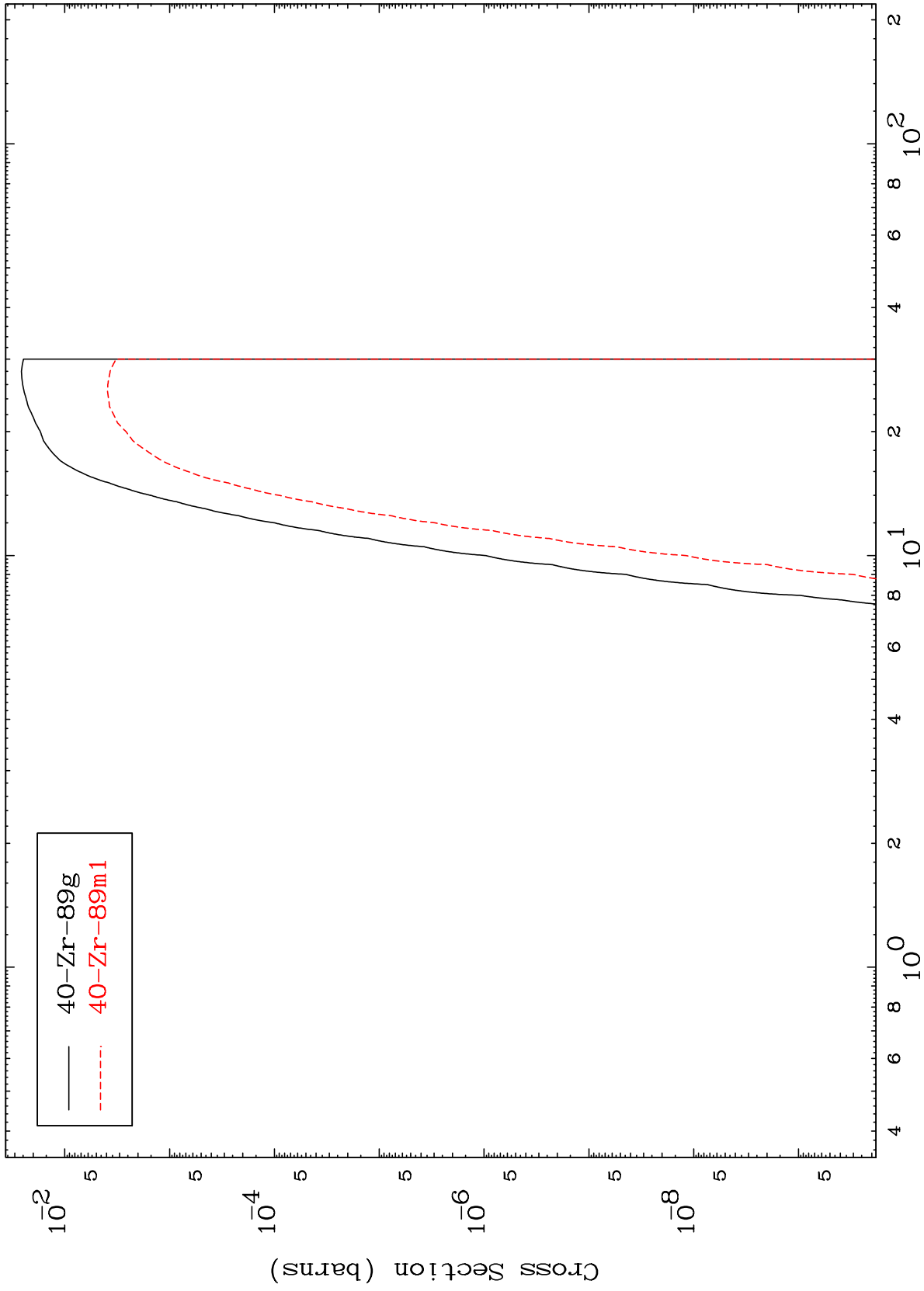
43-Tc-93

MAT 4307

(n,p) α

43-Tc-93

Radionuclide Production Cross Section



140

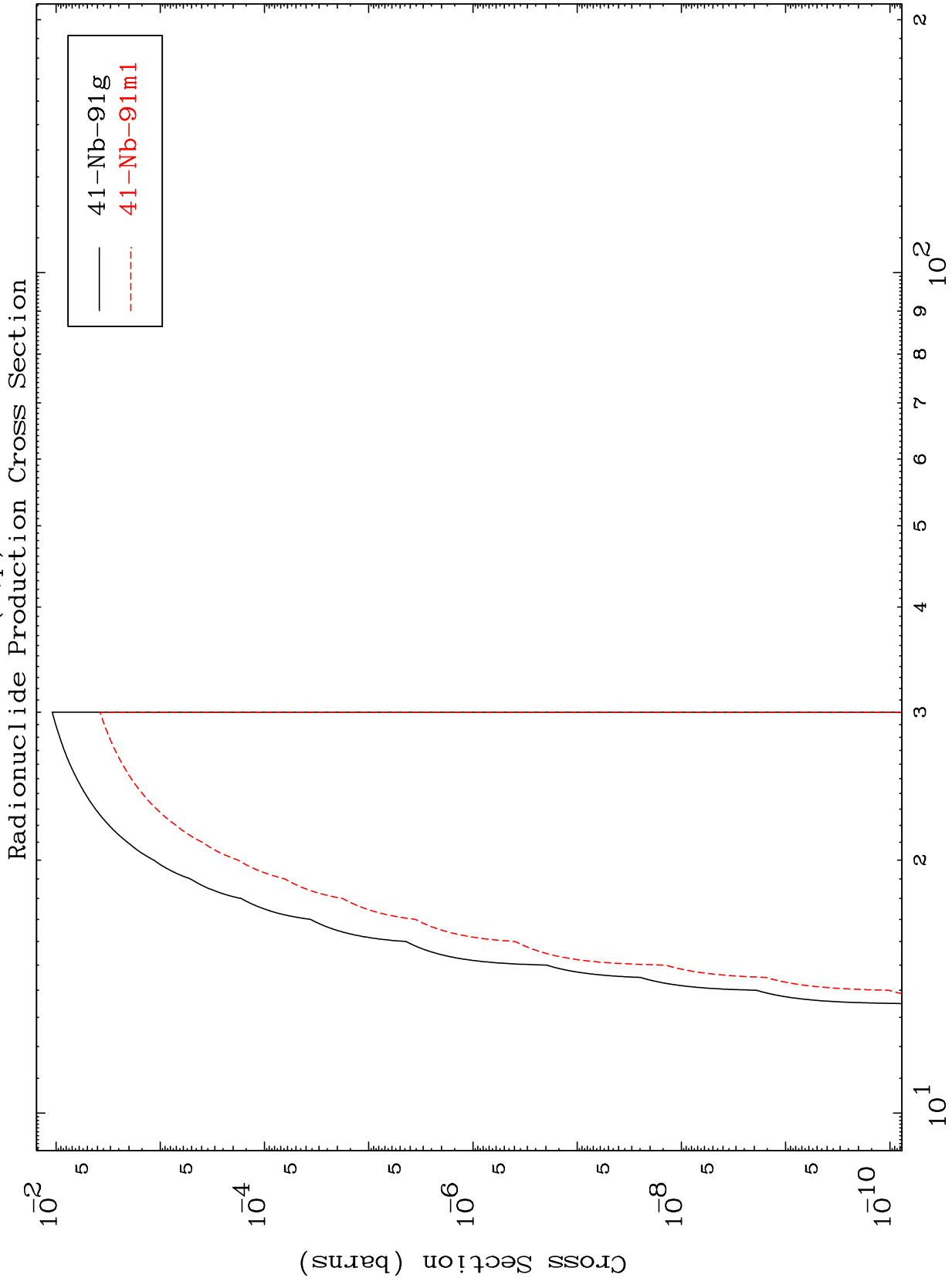
Incident Energy (MeV)

43-Tc-93

MAT 4307

(n,p) d

43-Tc-93



141

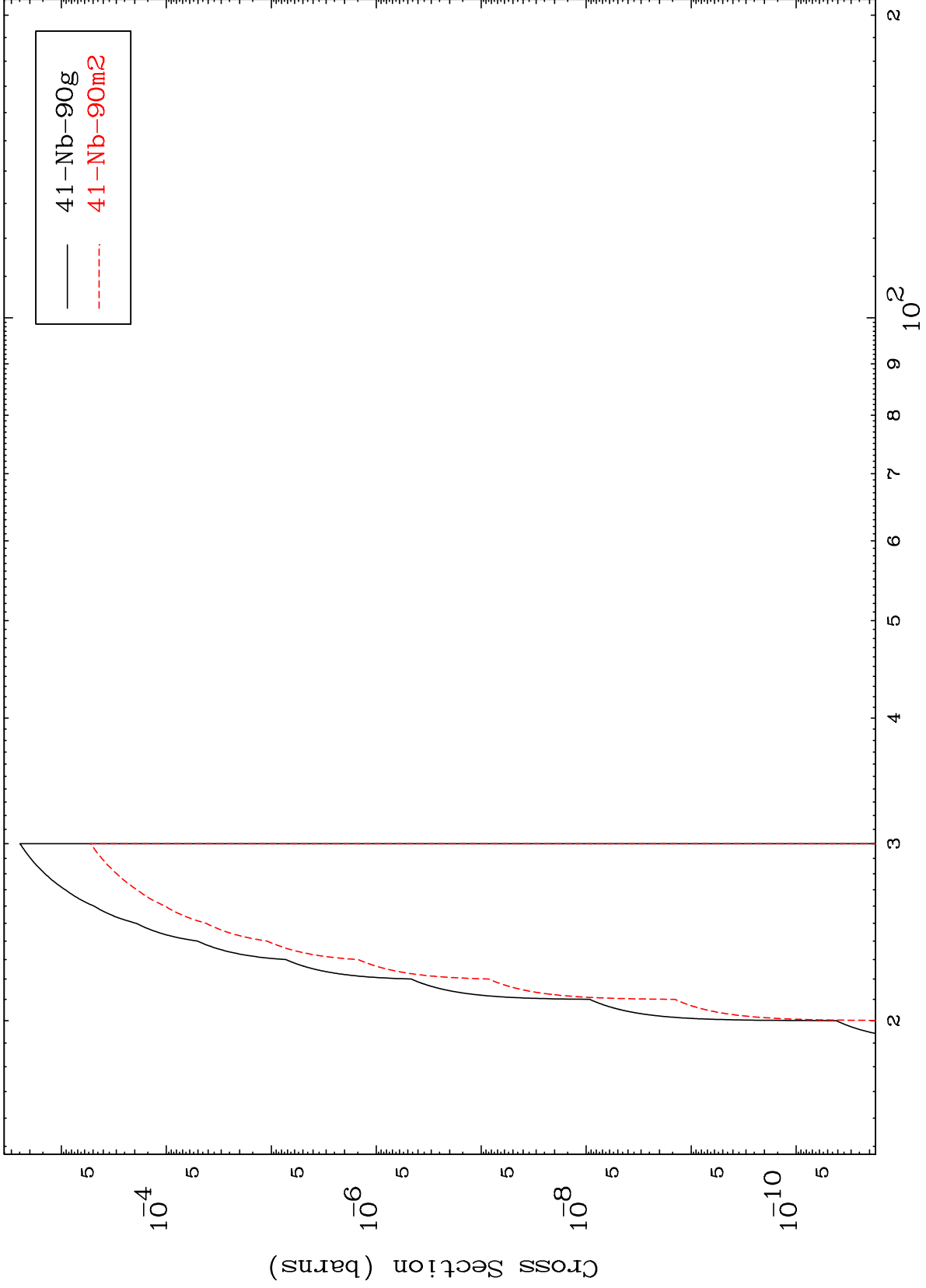
43-Tc-93

MAT 4307

(n,p) t

43-Tc-93

Radionuclide Production Cross Section



142

Incident Energy (MeV)

43-Tc-93