

Program EVALPLOT
(Version 2018-1)

by

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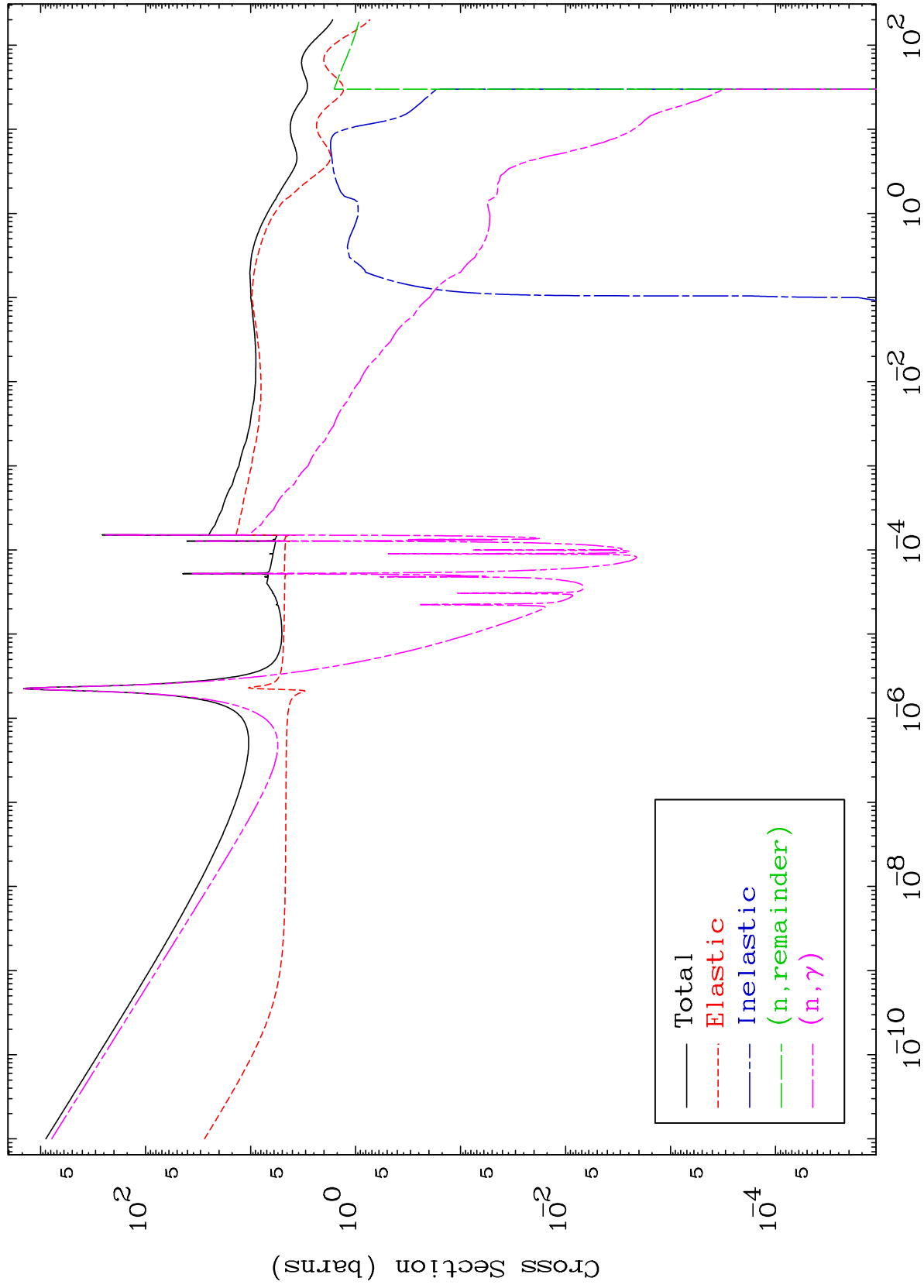
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4310

Major
293 Kelvin Cross Sections

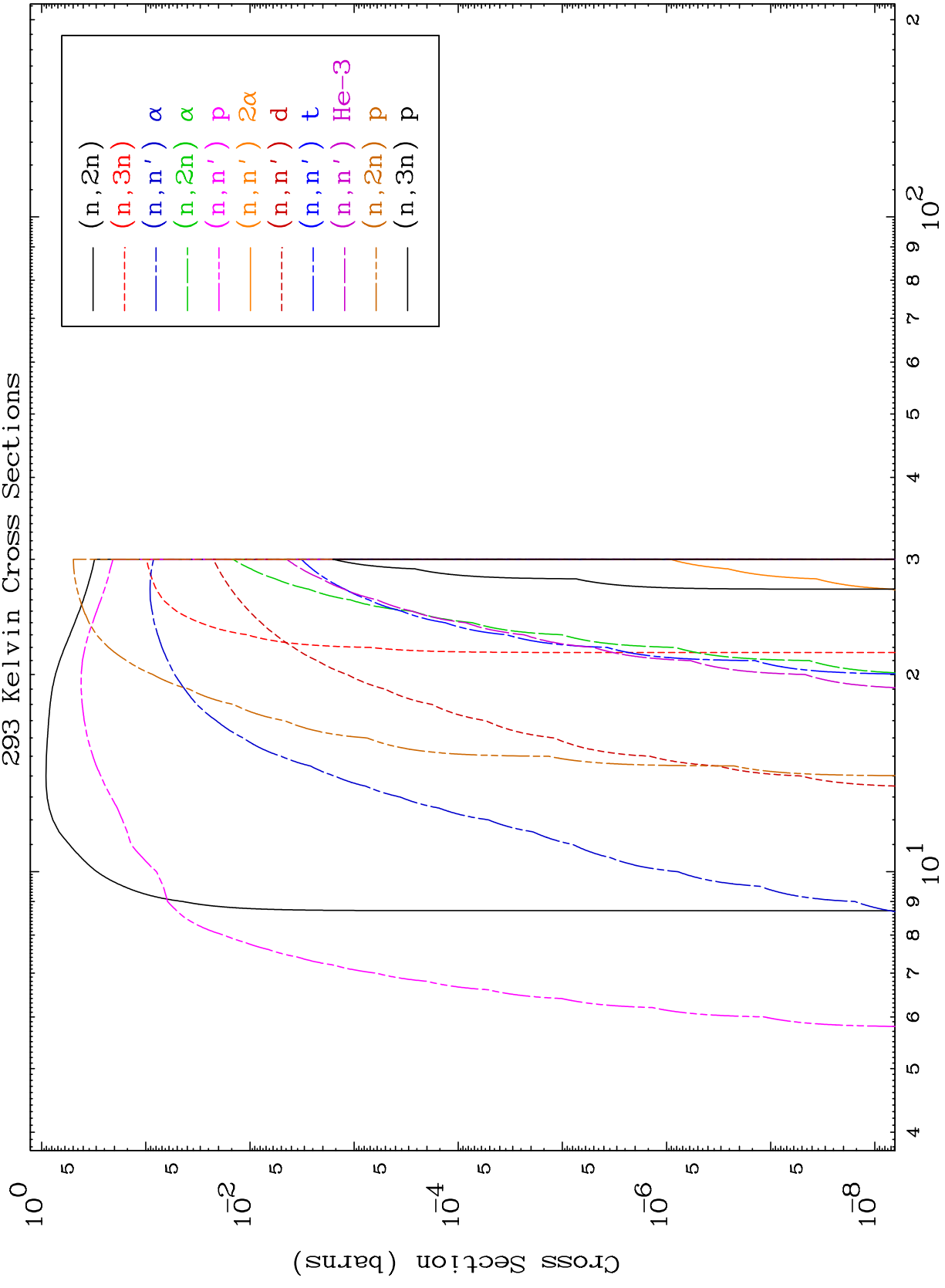
43-Tc-94



MAT 4310

Neutron Production
293 Kelvin Cross Sections

43-Tc-94



2

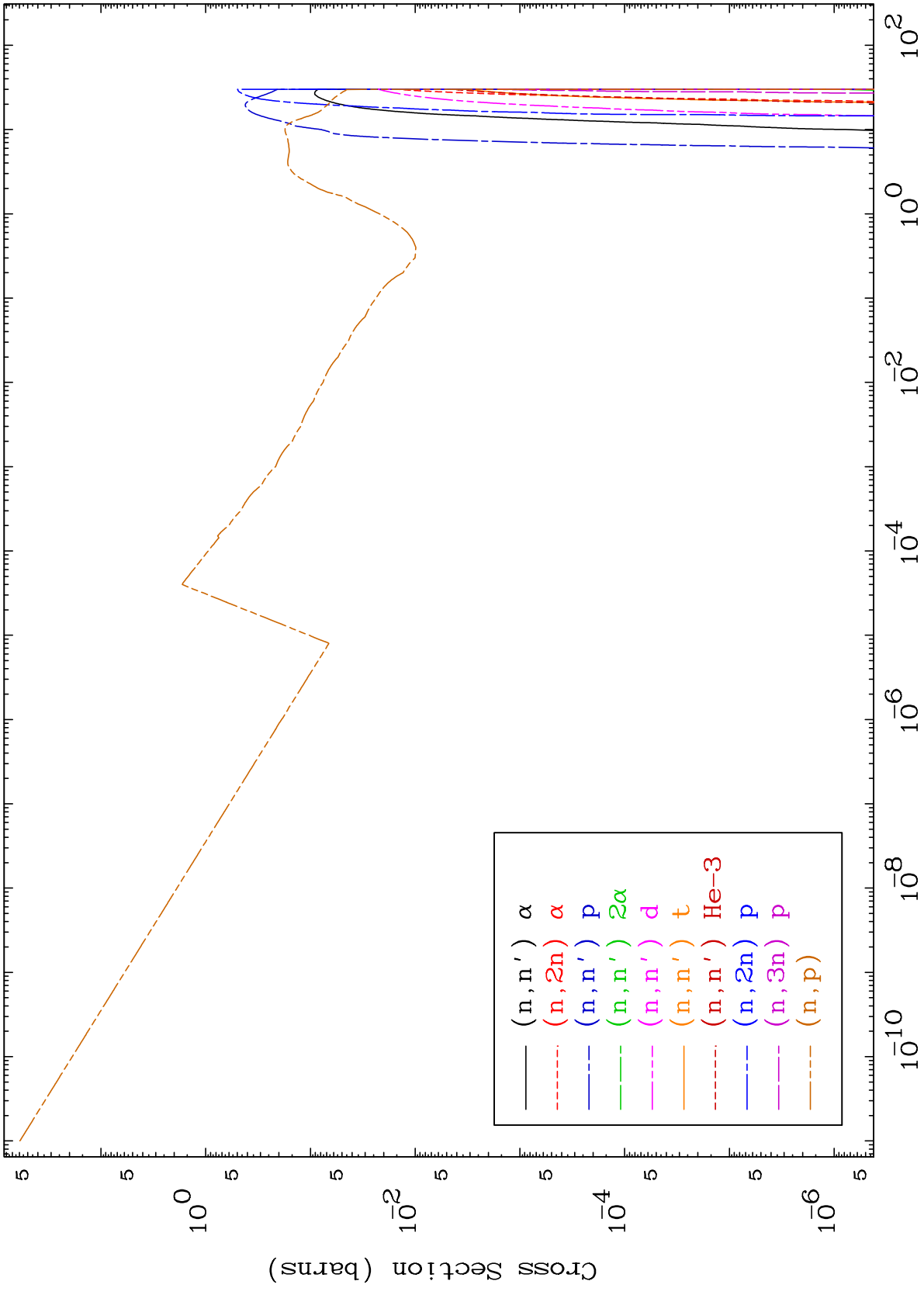
Incident Energy (MeV)

43-Tc-94

MAT 4310

Charged Particle
293 Kelvin Cross Sections

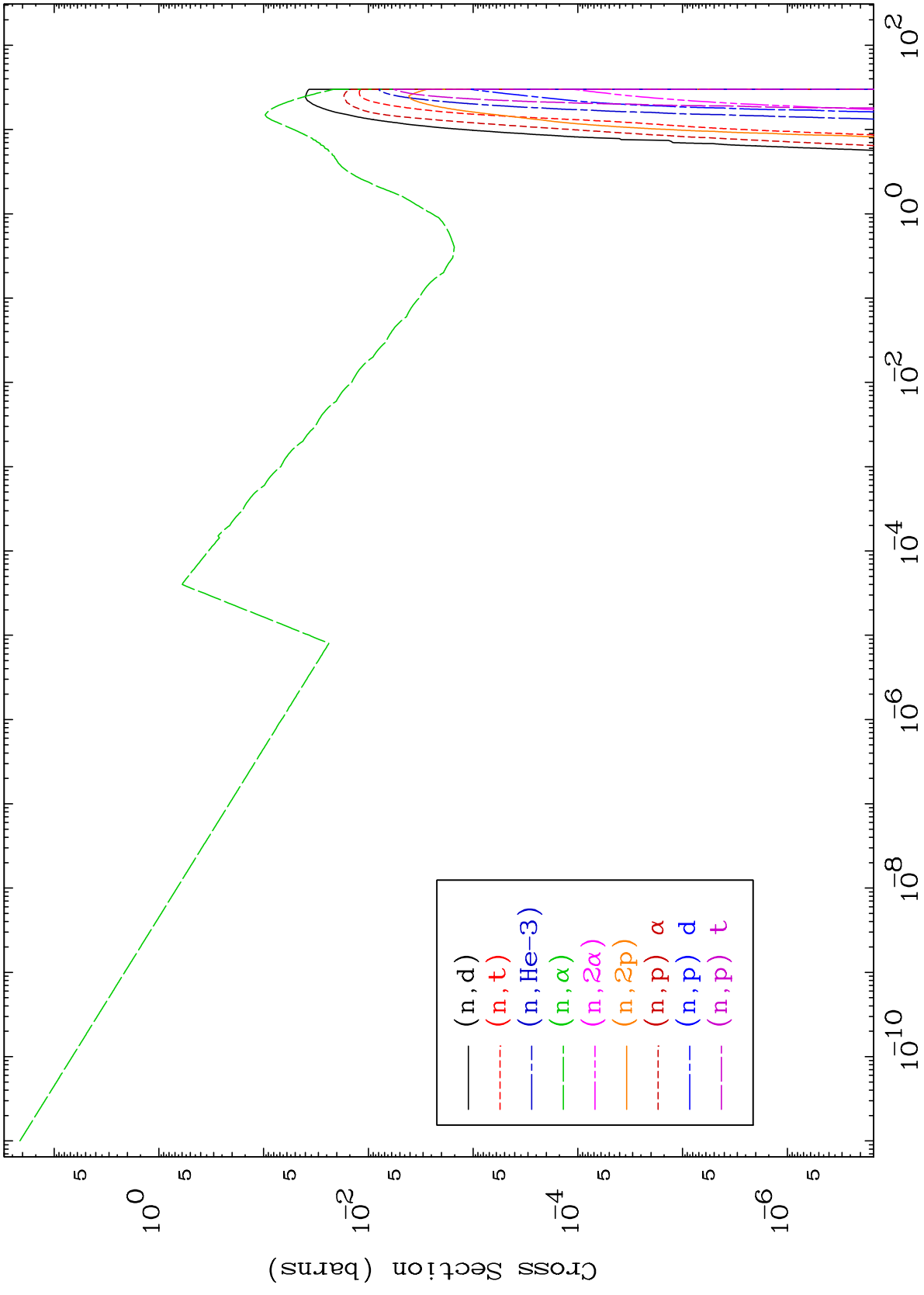
43-Tc-94



MAT 4310

Charged Particle
293 Kelvin Cross Sections

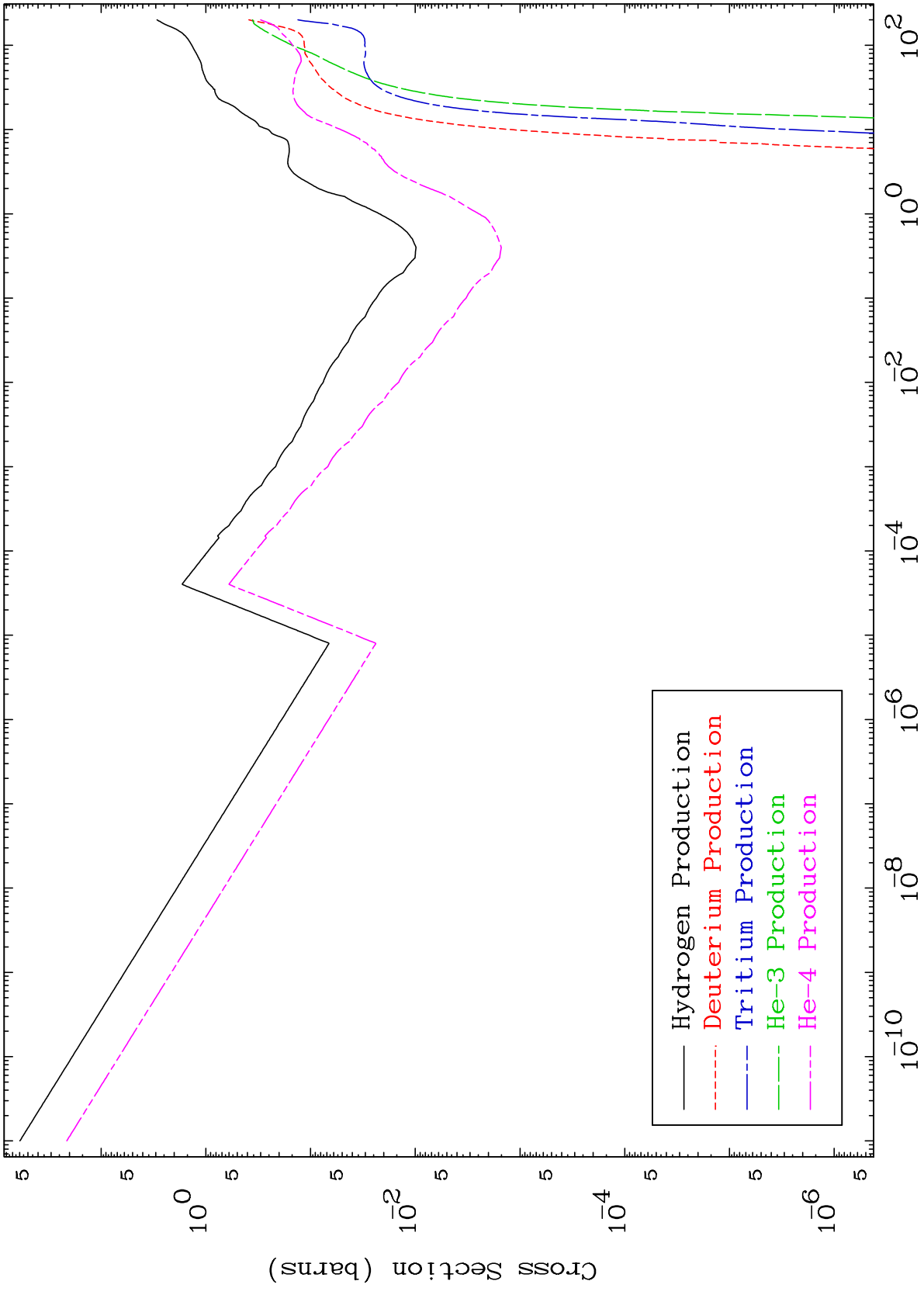
43-Tc-94



MAT 4310

Particle Production
293 Kelvin Cross Sections

43-Tc-94



5

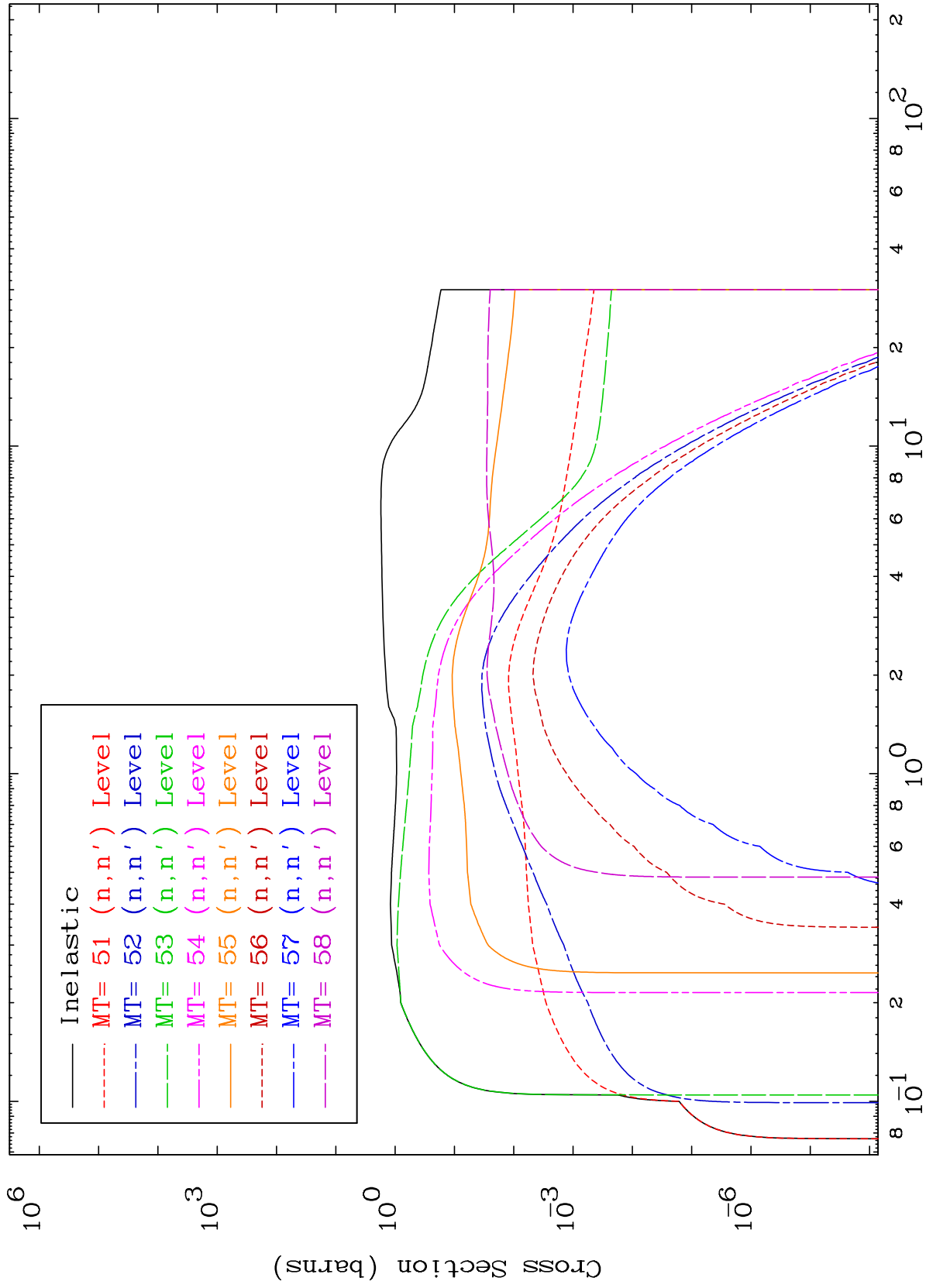
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,n') Level
293 Kelvin Cross Sections

43-Tc-94



6

Incident Energy (MeV)

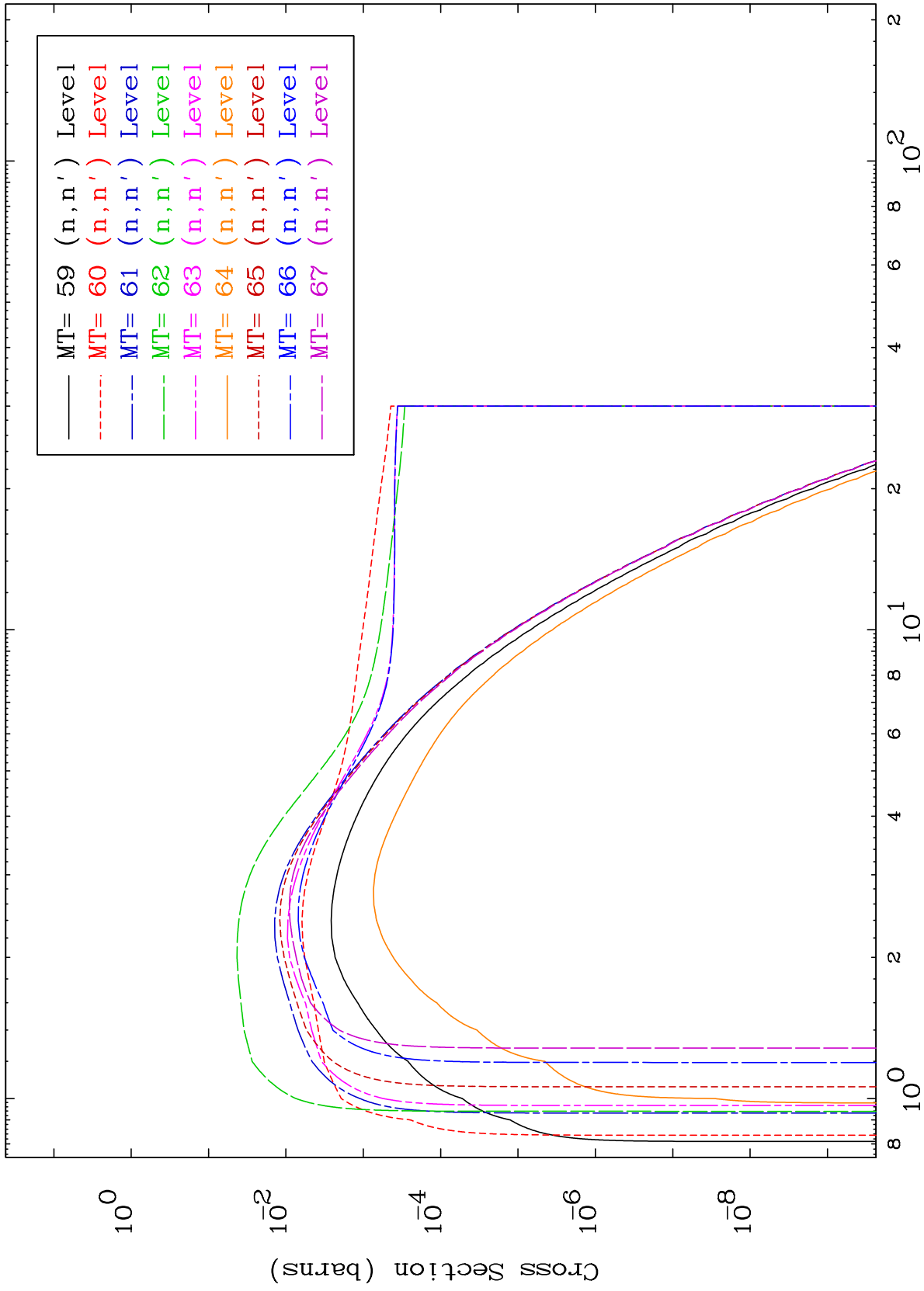
43-Tc-94

MAT 4310

(n,n') Level

43-Tc-94

293 Kelvin Cross Sections



7

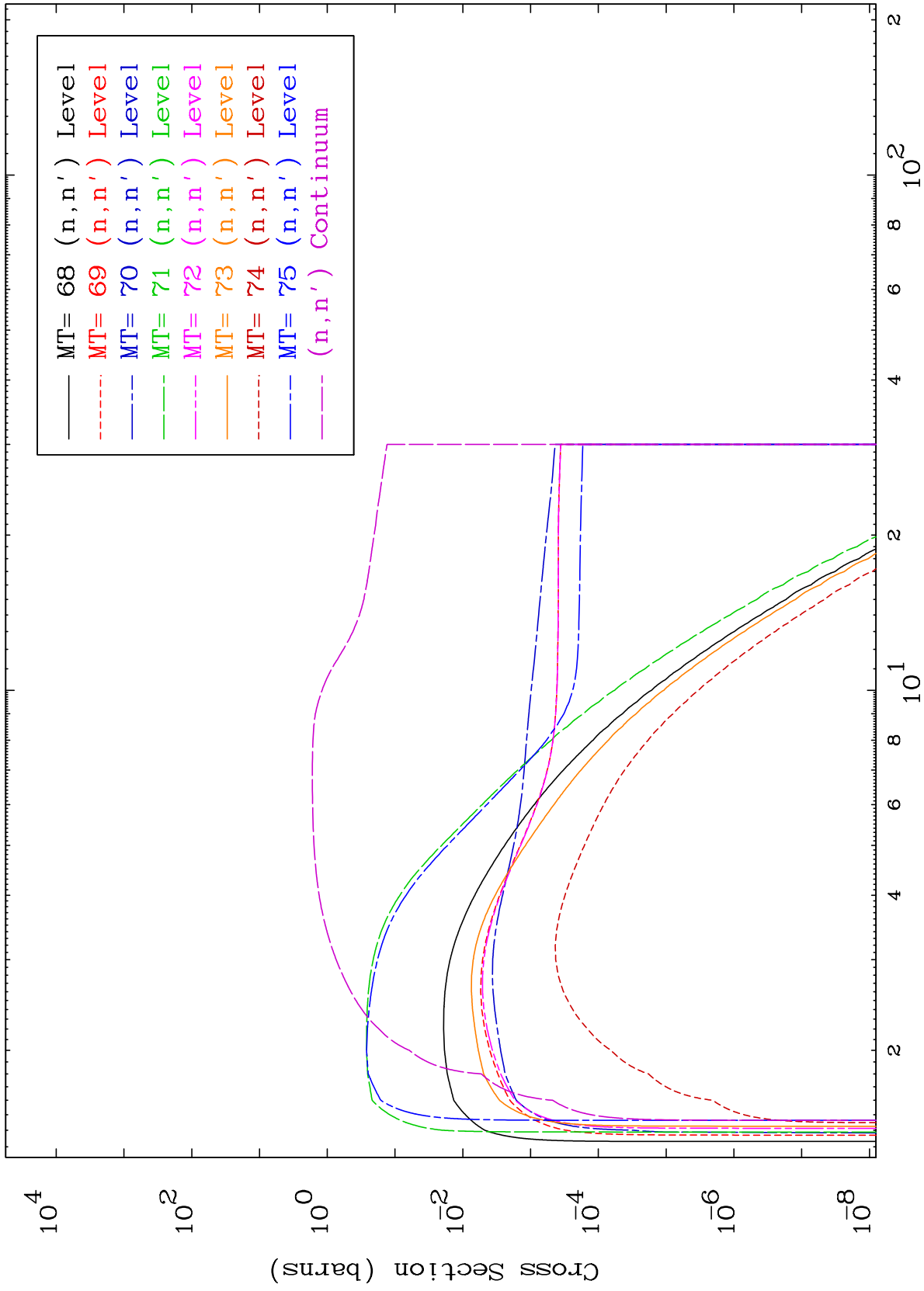
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,n') Level
293 Kelvin Cross Sections

43-Tc-94



8

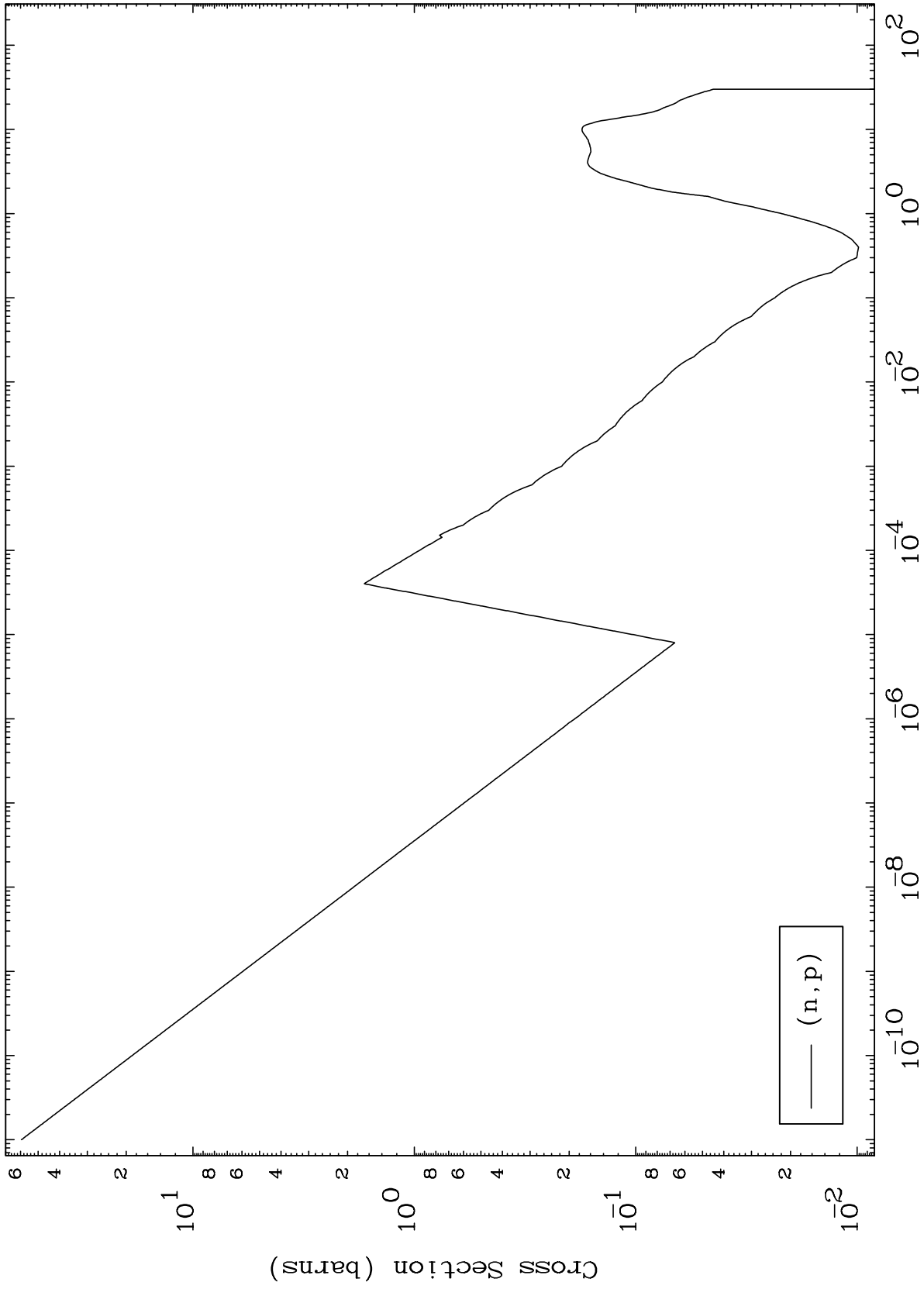
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,p) Levels
293 Kelvin Cross Sections

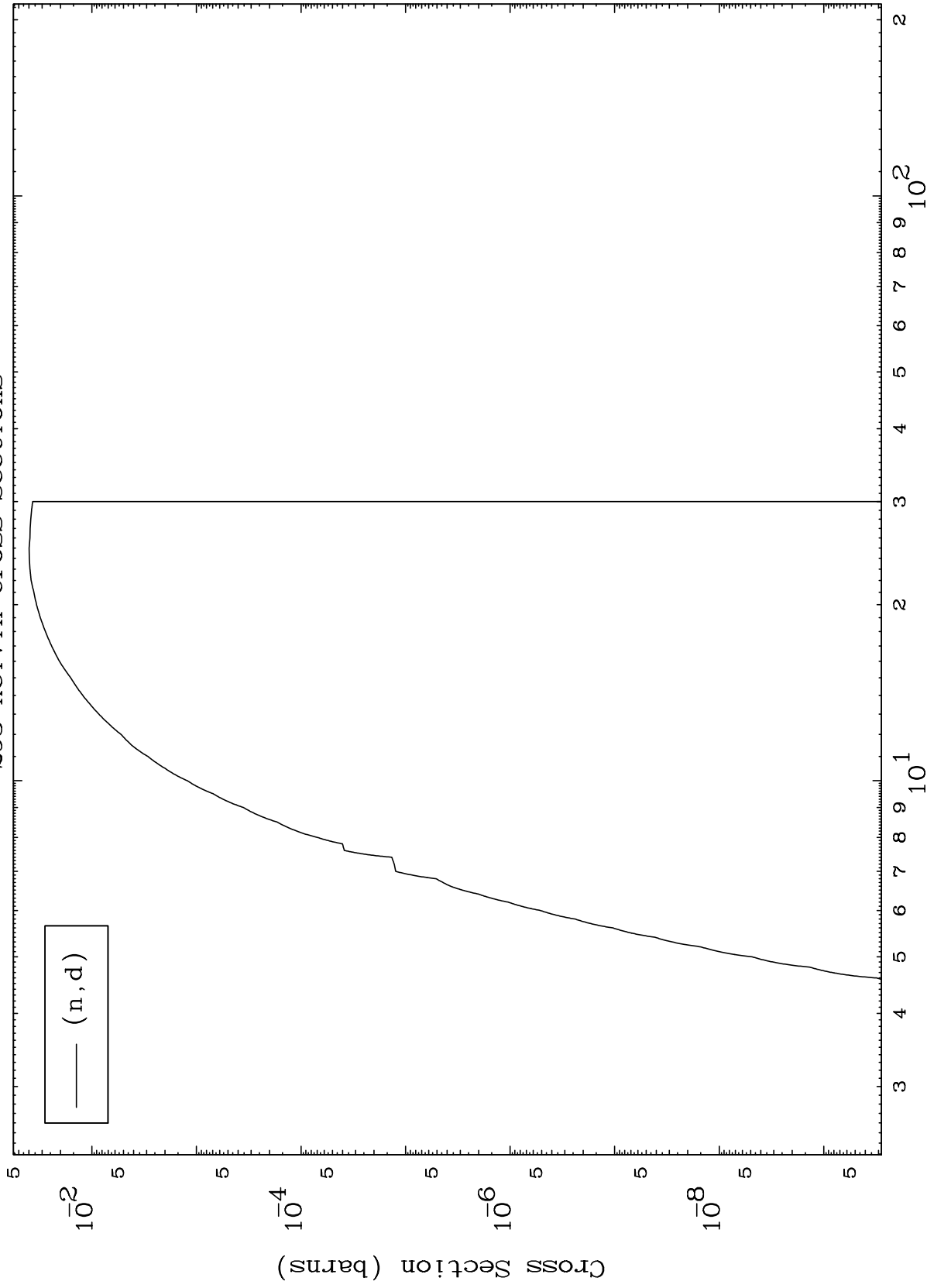
43-Tc-94



MAT 4310

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-94



10

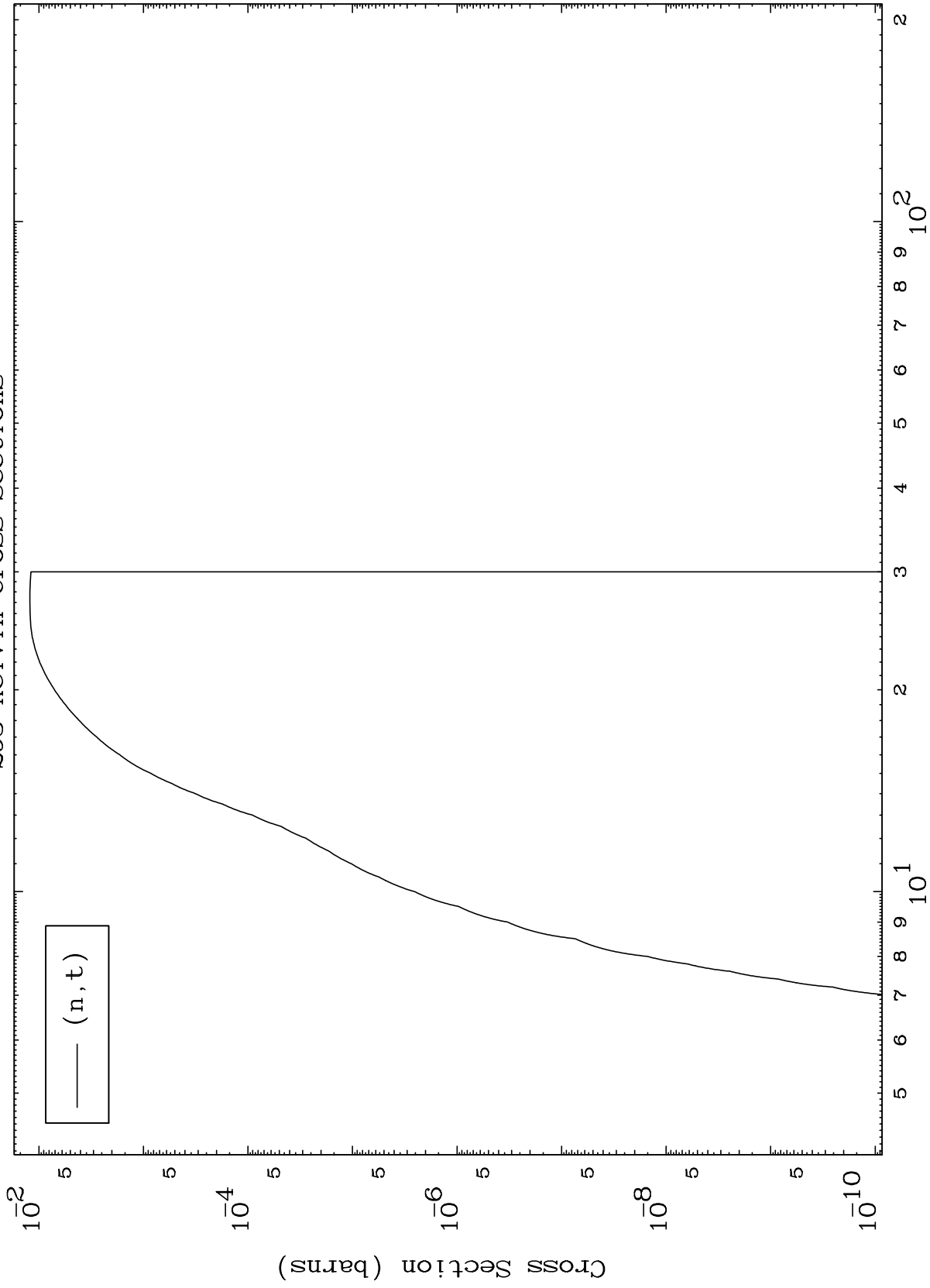
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-94



11

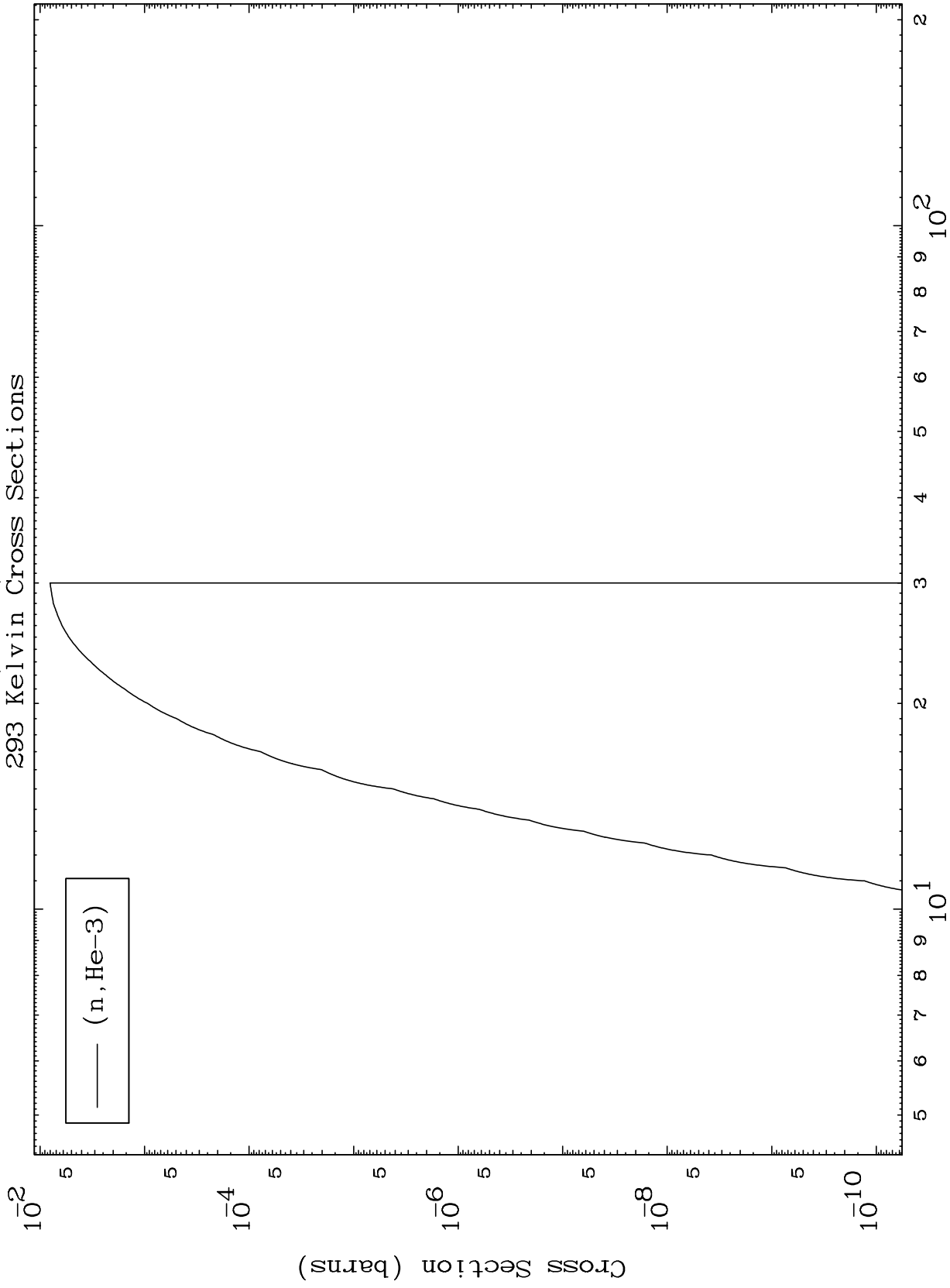
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-94



12

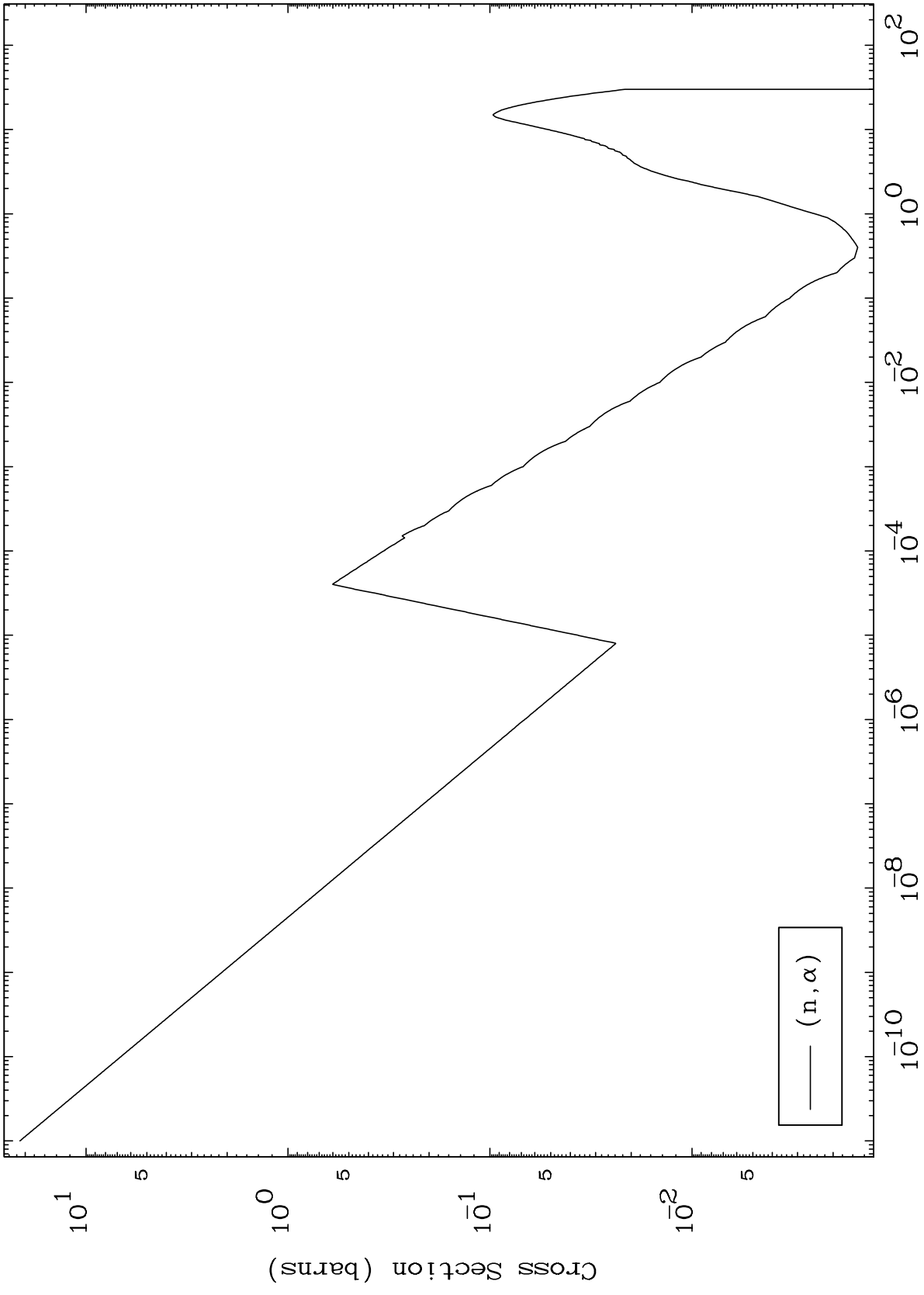
Incident Energy (MeV)

43-Tc-94

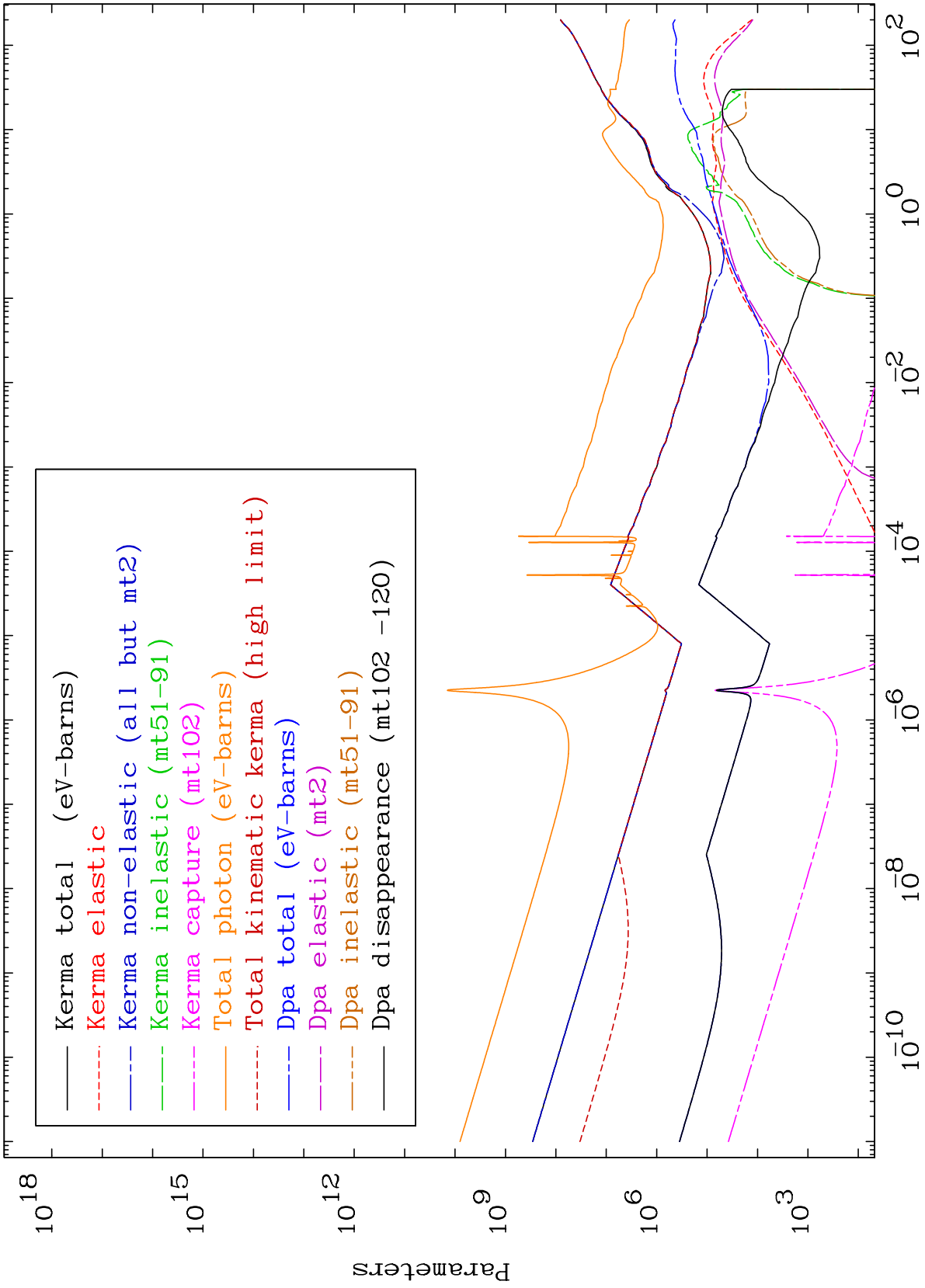
MAT 4310

(n,α) Levels
293 Kelvin Cross Sections

43-Tc-94



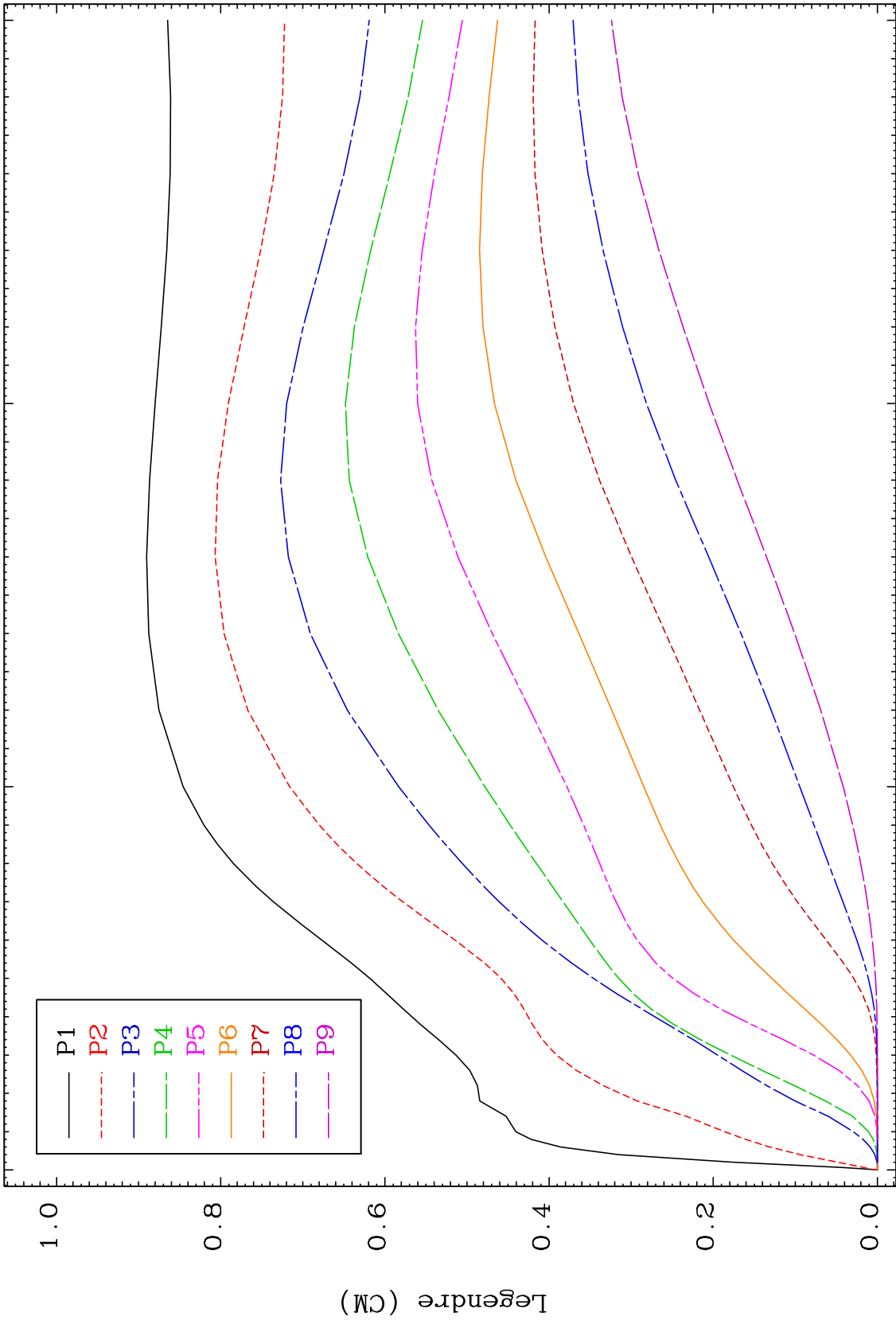
— (n,α)



MAT 4310

Elastic Legendre Coefficients

43-Tc-94



15

Incident Energy (MeV)

43-Tc-94

30

20

10

1.0

0.8

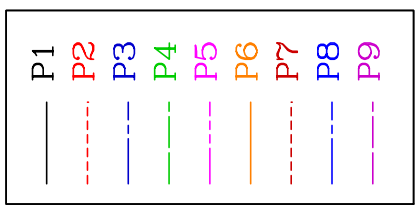
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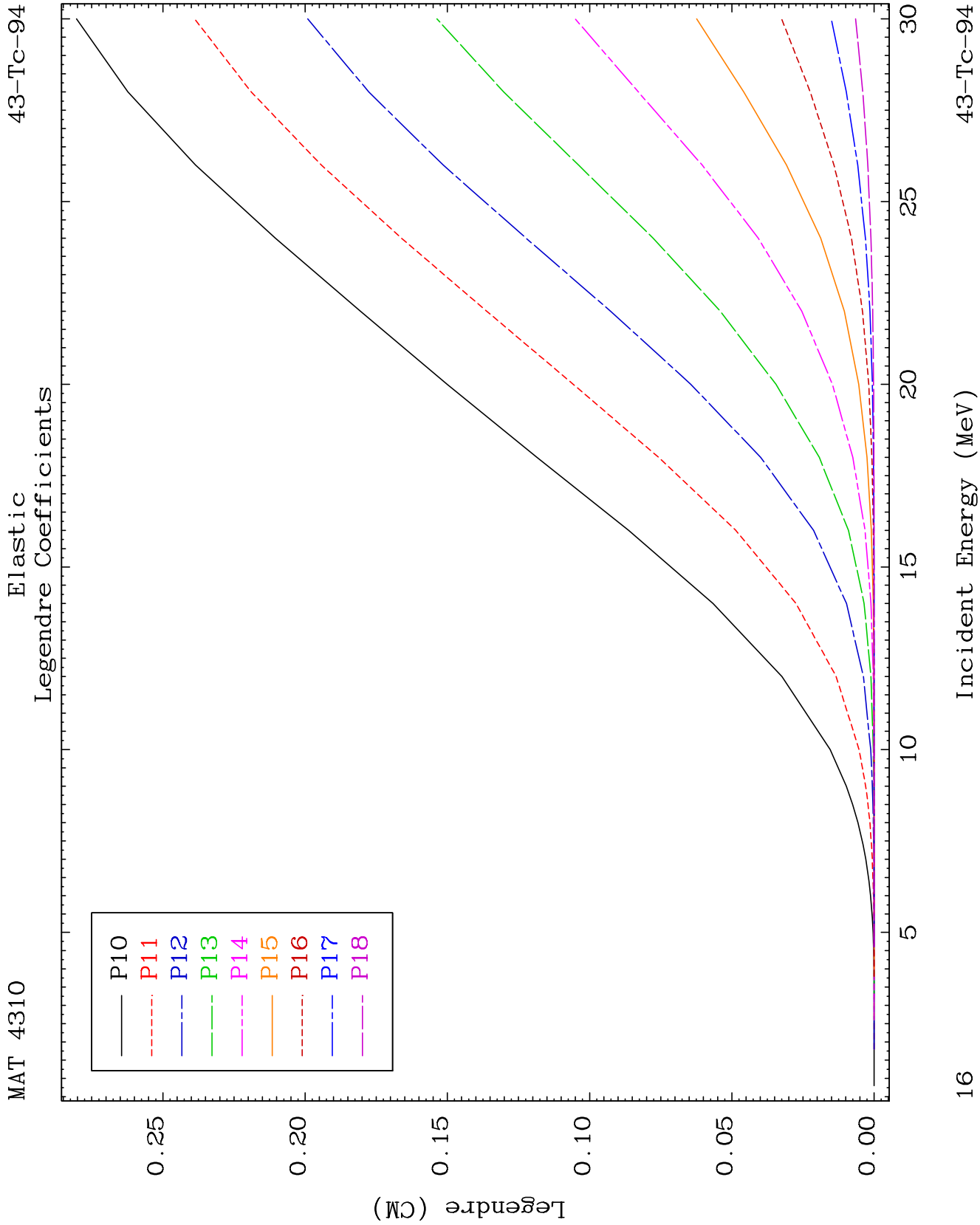
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Legendre (CM)

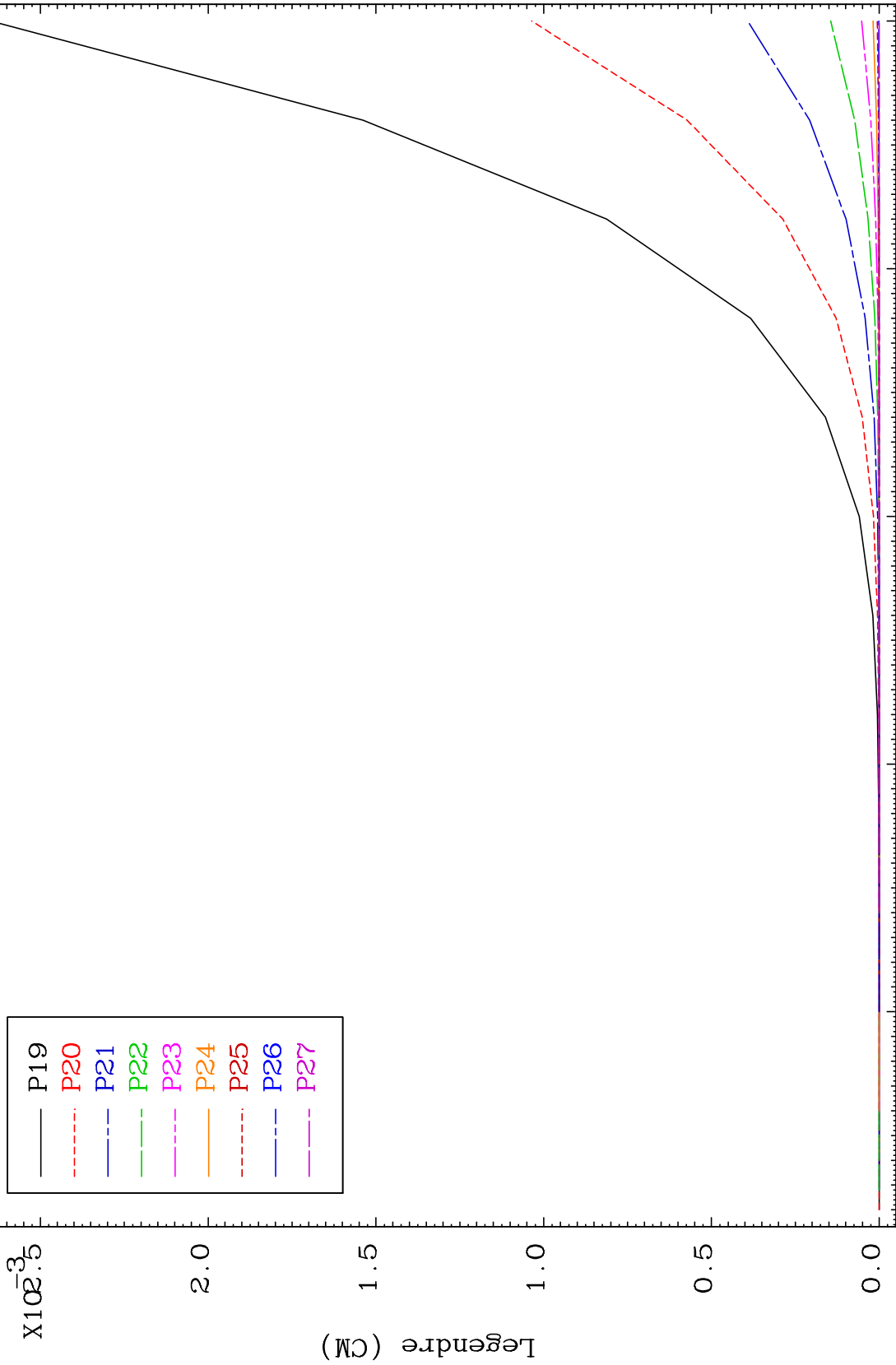
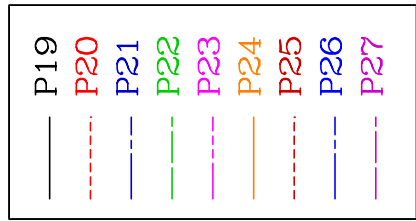




MAT 4310

Elastic Legendre Coefficients

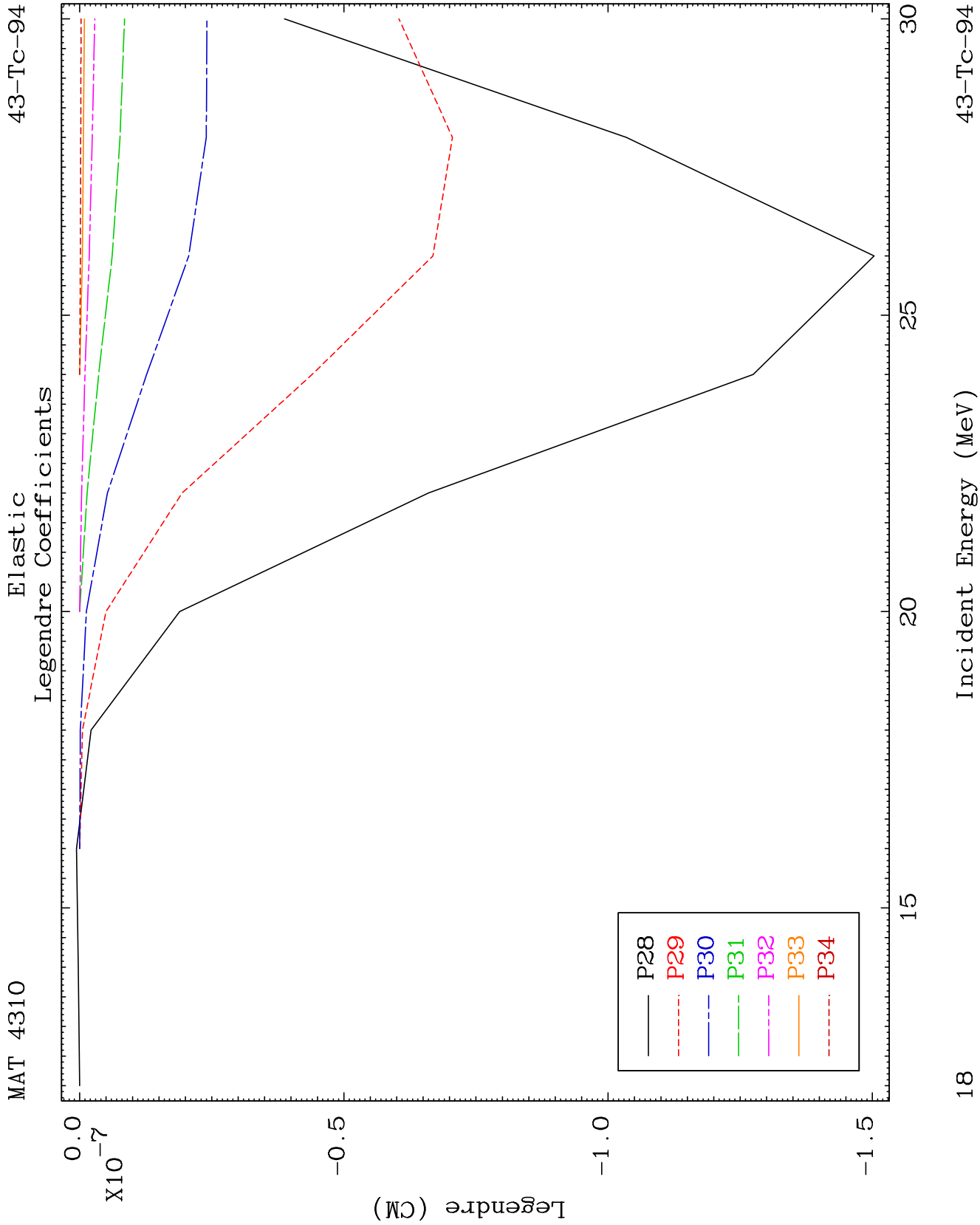
43-Tc-94



17

Incident Energy (MeV)

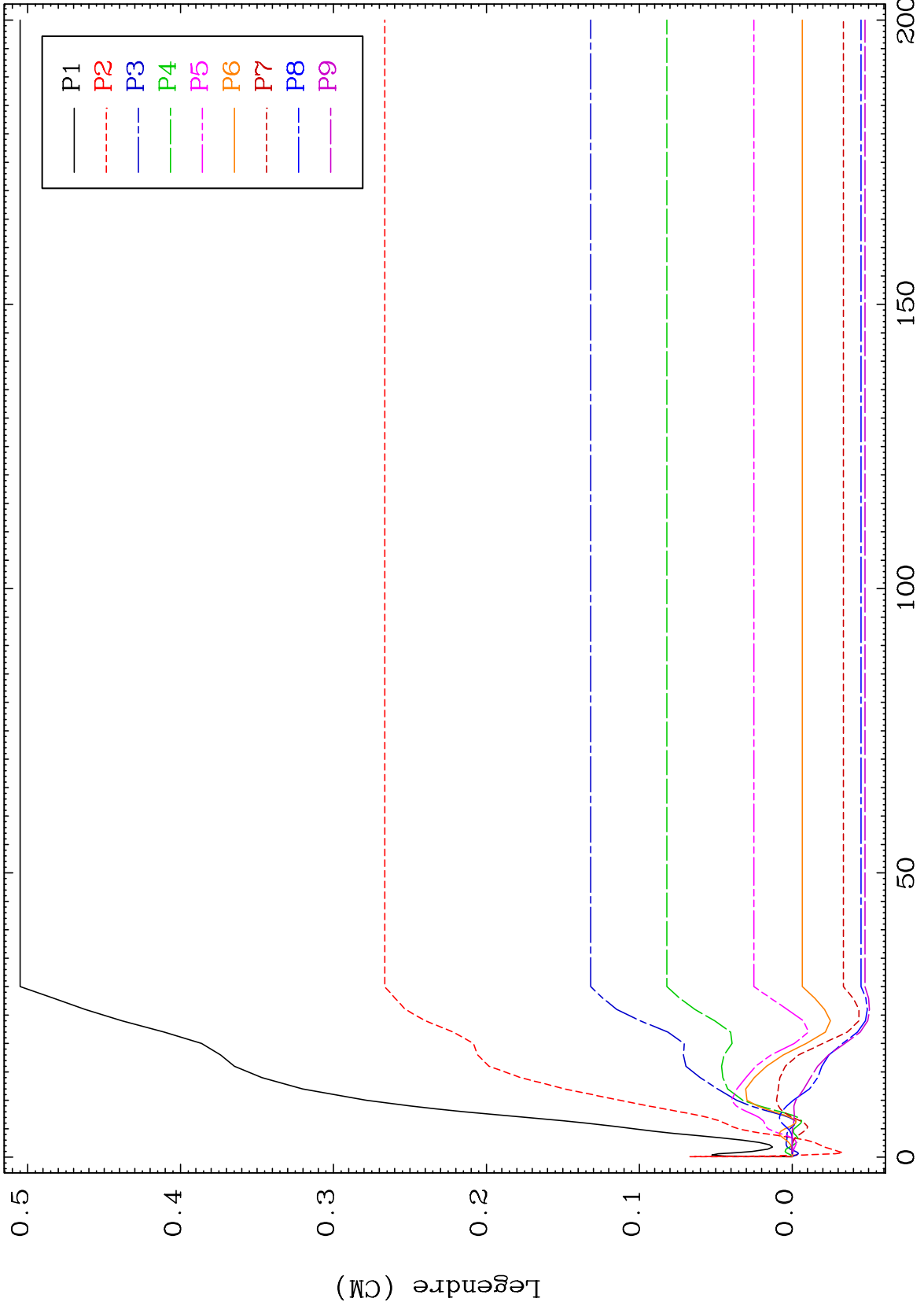
43-Tc-94



MAT 4310

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

43-Tc-94



19

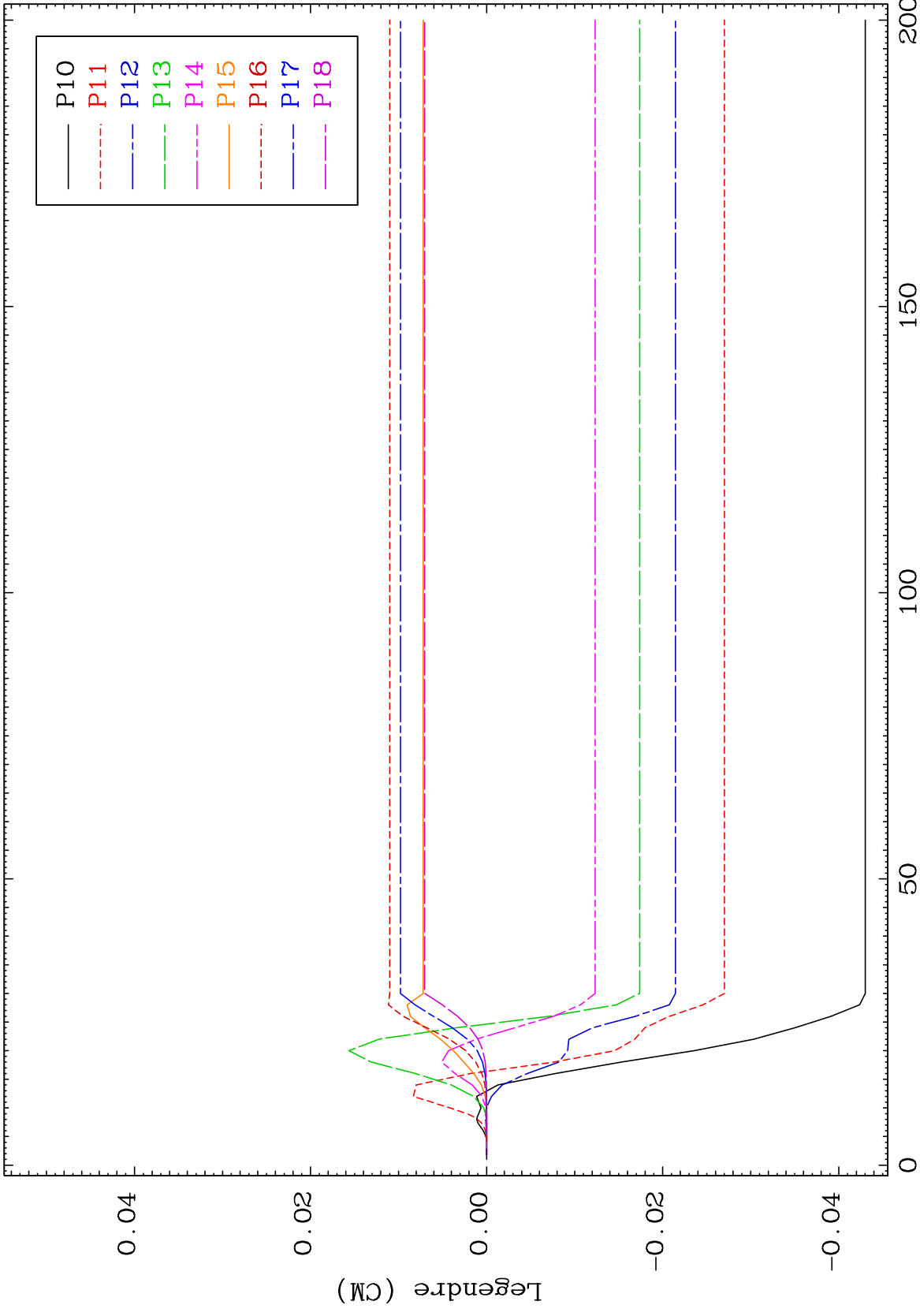
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94

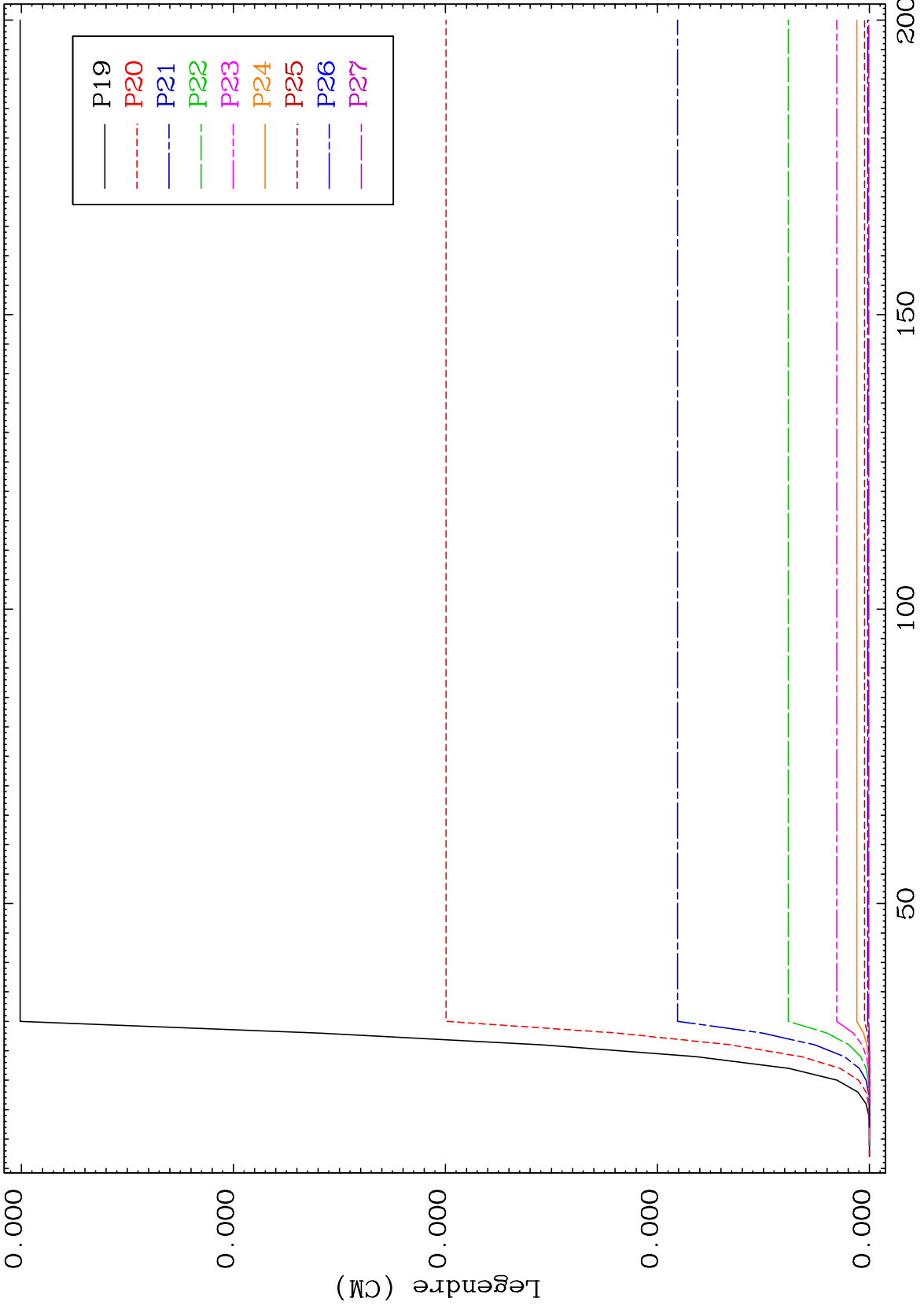


43-Tc-94

Incident Energy (MeV)

20

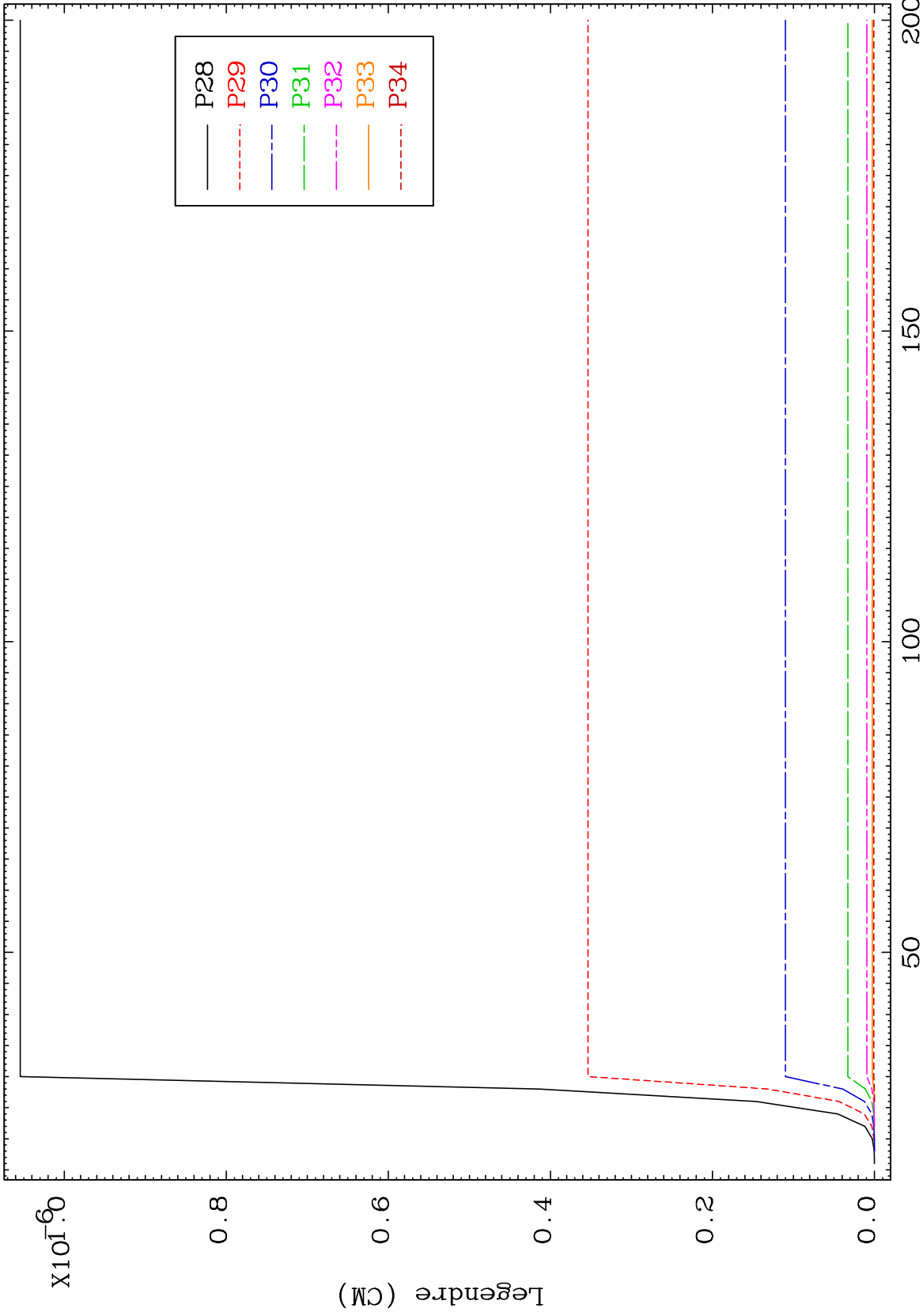
MAT 4310 MT= 51 (n,n') Level Legendre Coefficients 43-Tc-94



MAT 4310

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

43-Tc-94



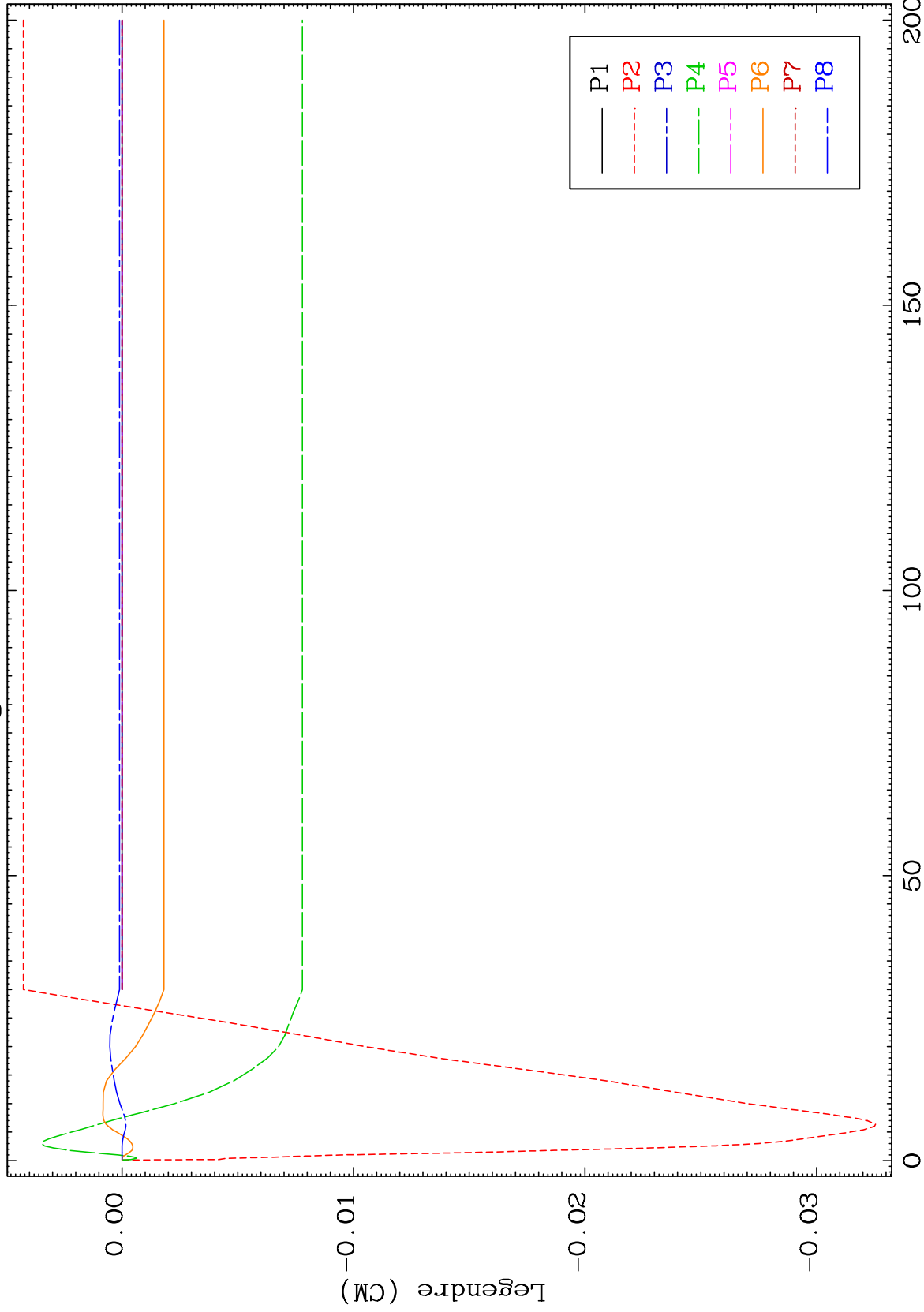
22

43-Tc-94

MAT 4310

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

43-Tc-94

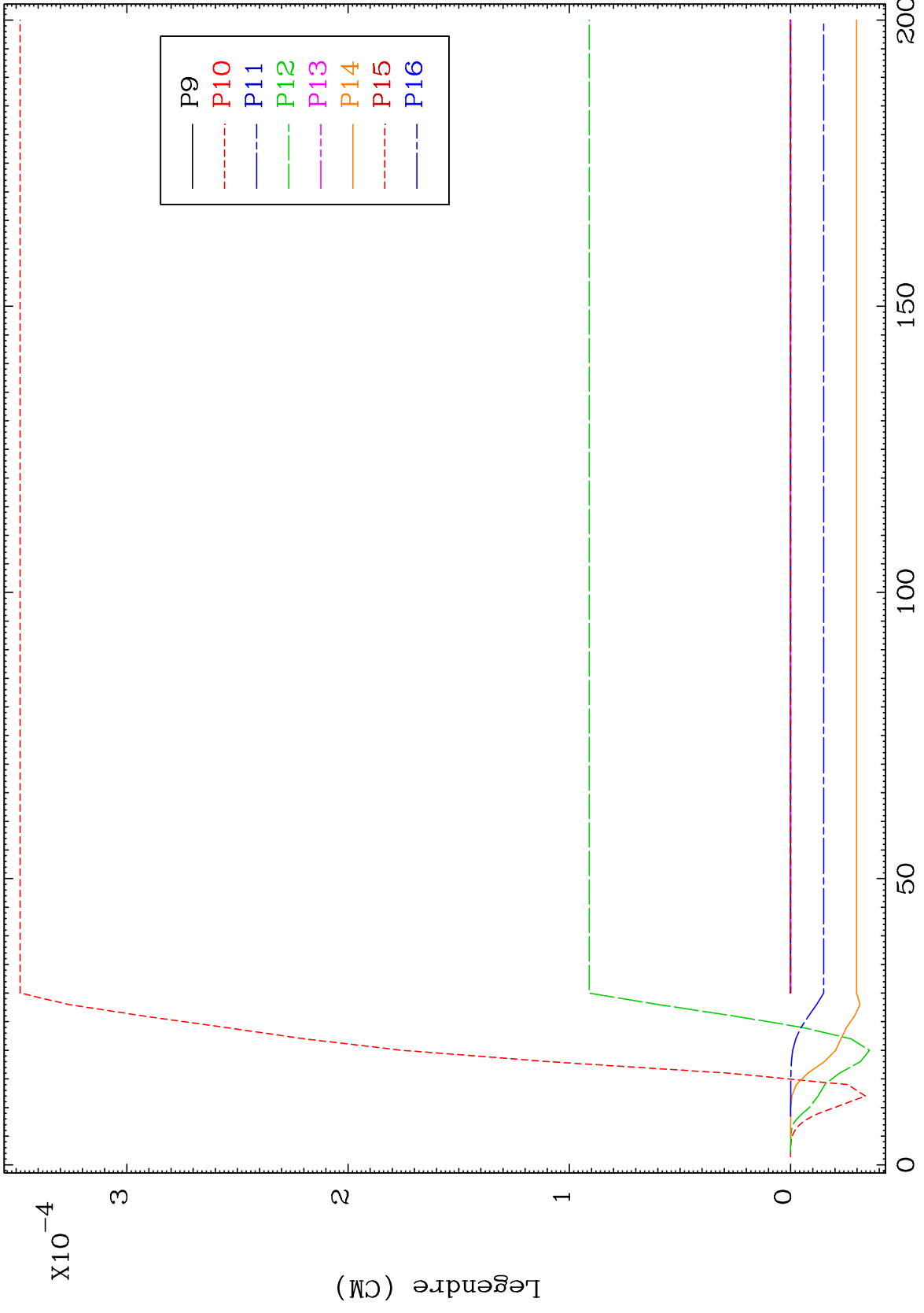


23

Incident Energy (MeV)

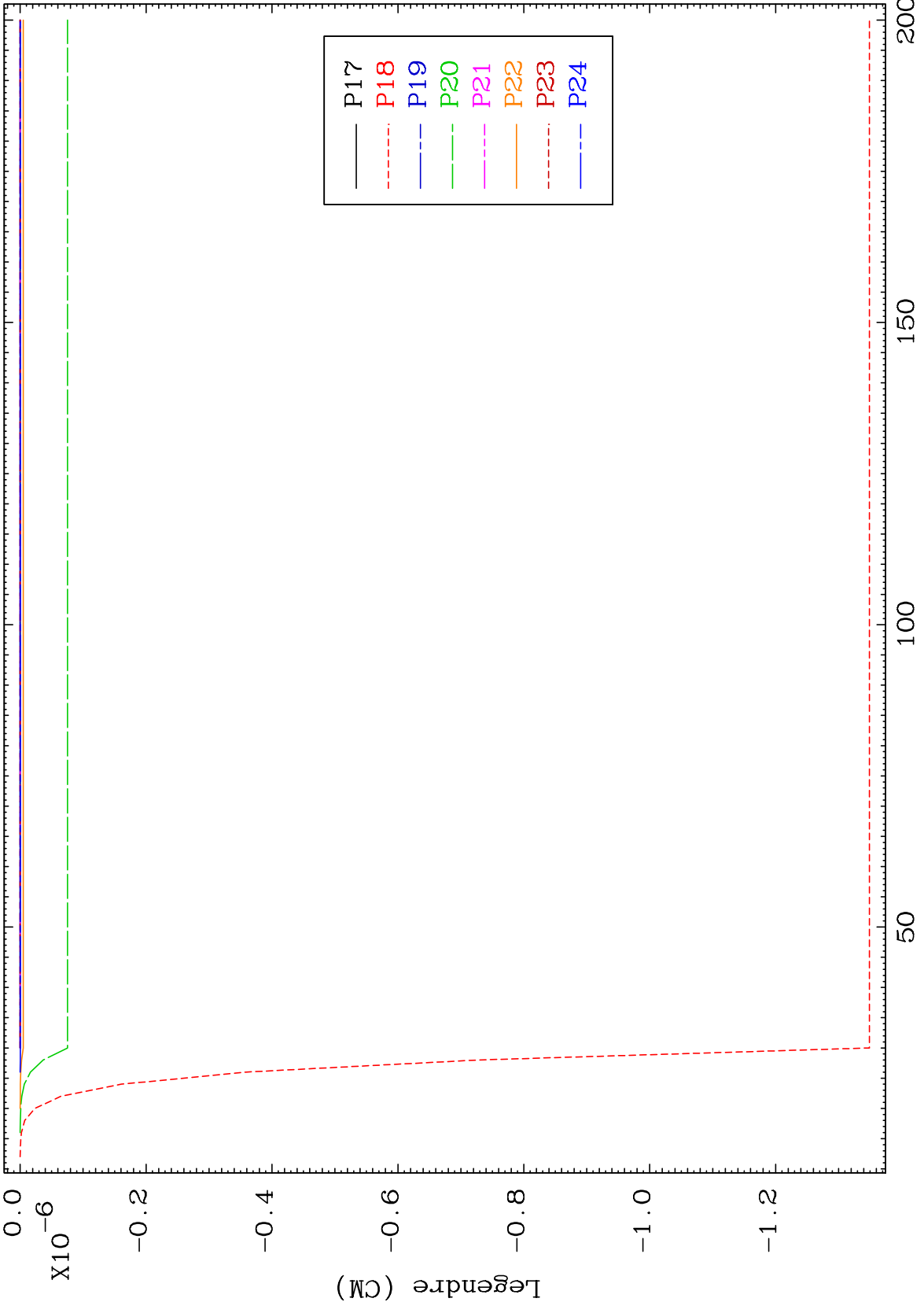
43-Tc-94

MAT 4310 MT= 52 (n,n') Level Legendre Coefficients 43-Tc-94



24 Incident Energy (MeV) 43-Tc-94

MAT 4310 MT= 52 (n,n') Level Legendre Coefficients 43-Tc-94

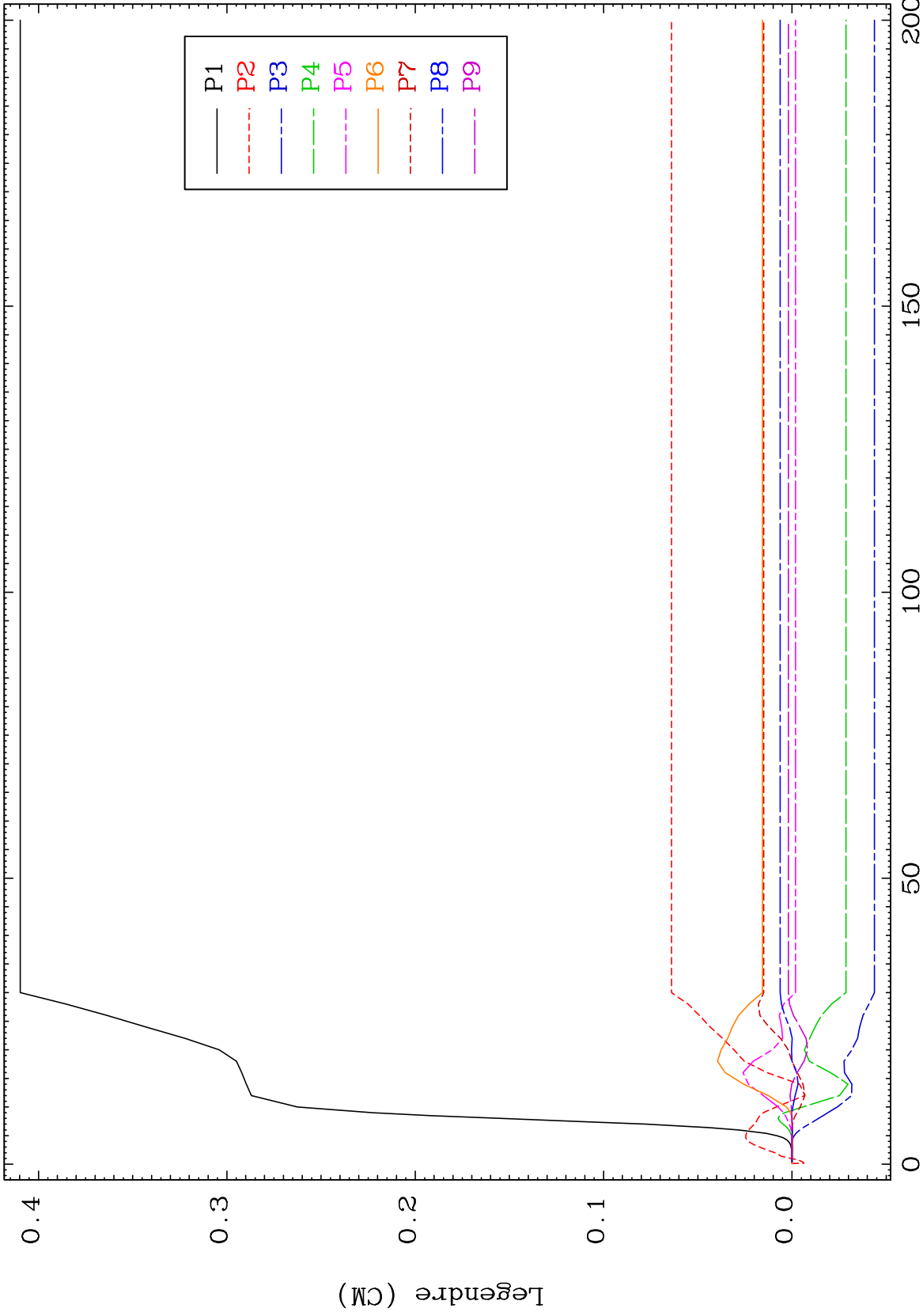


25 Incident Energy (MeV) 43-Tc-94

MAT 4310

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

43-Tc-94



26

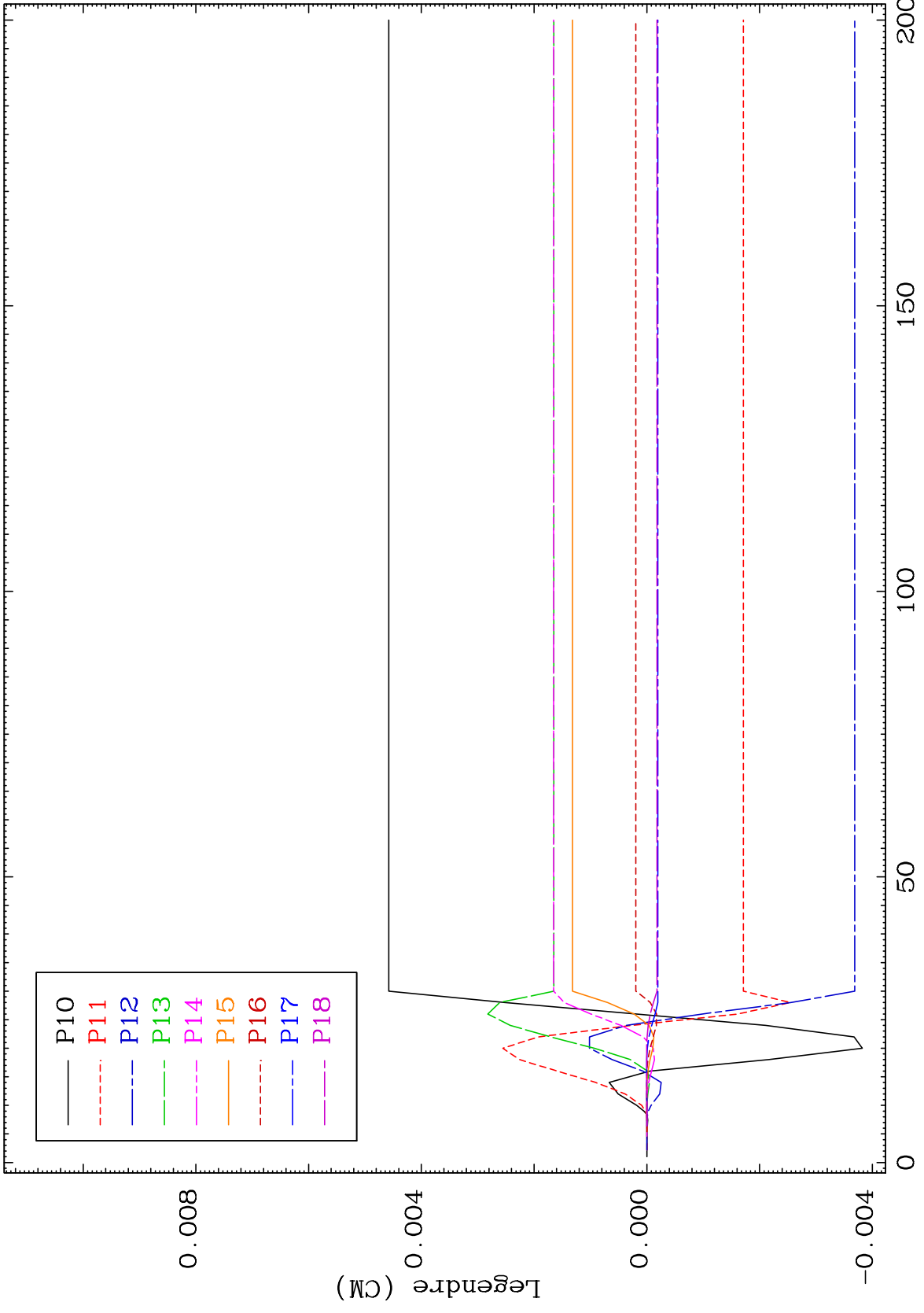
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



27

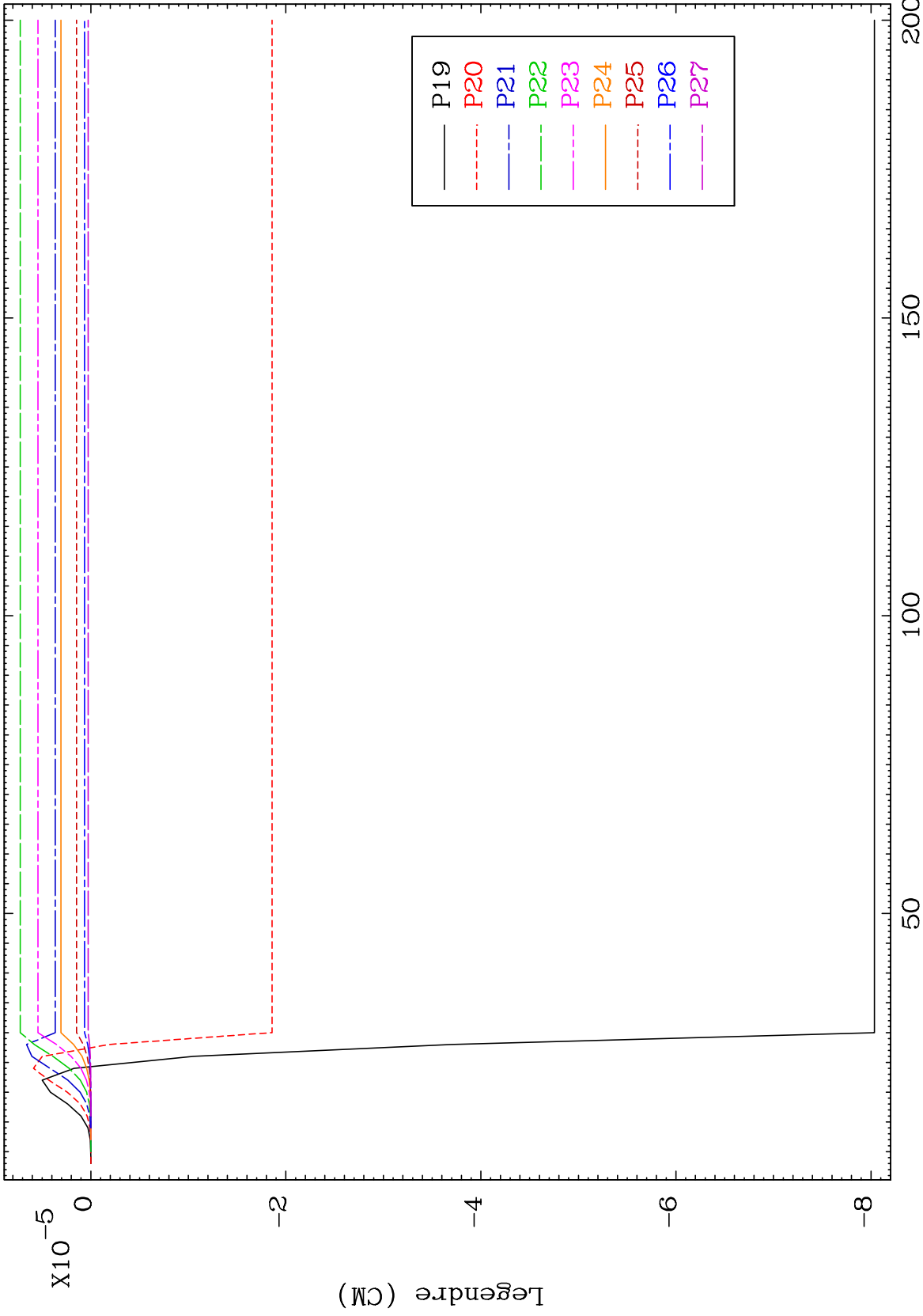
Incident Energy (MeV)

43-Tc-94

MAT 4310

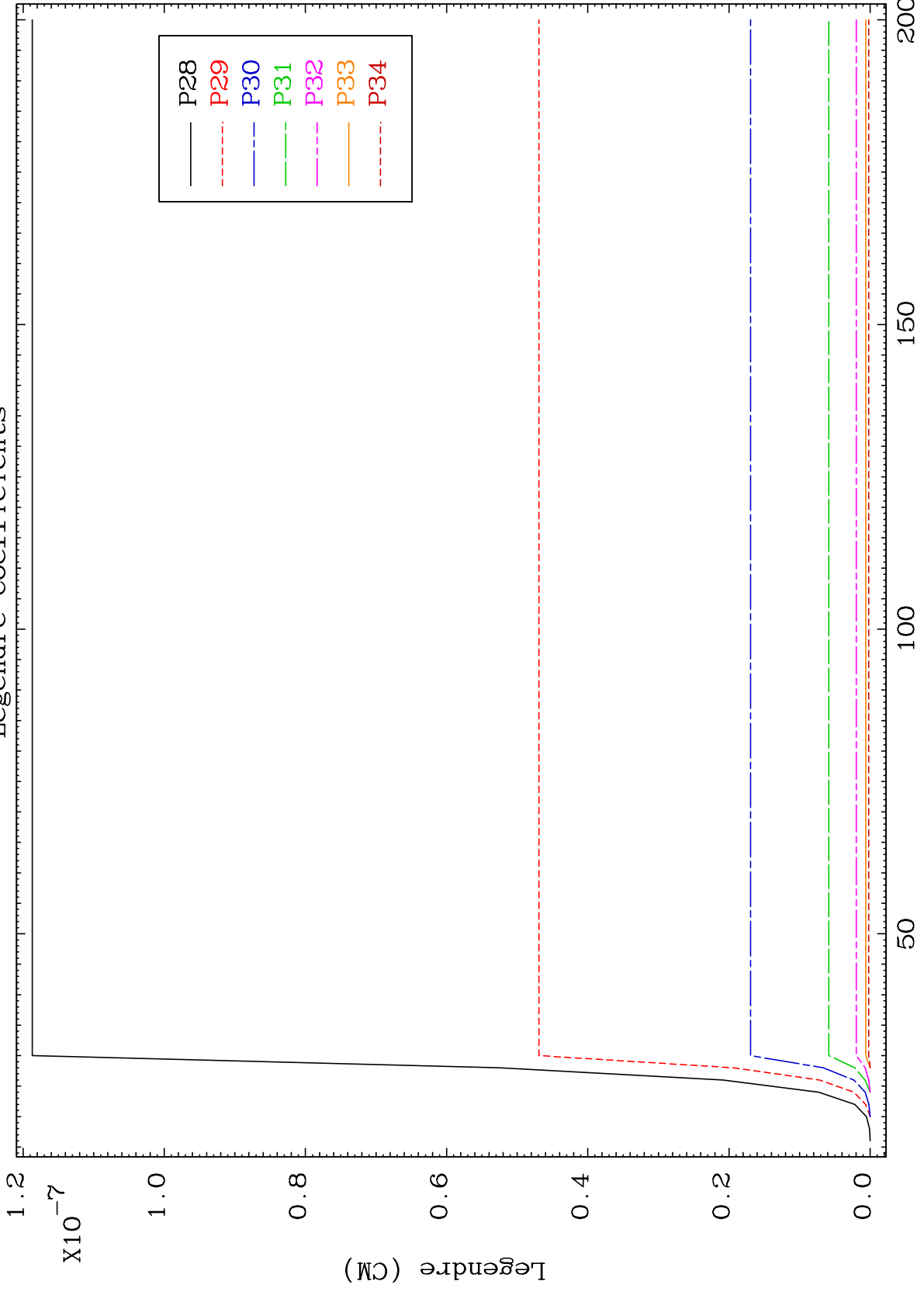
MT= 53 (n,n') Level
Legendre Coefficients

43-Tc-94



28

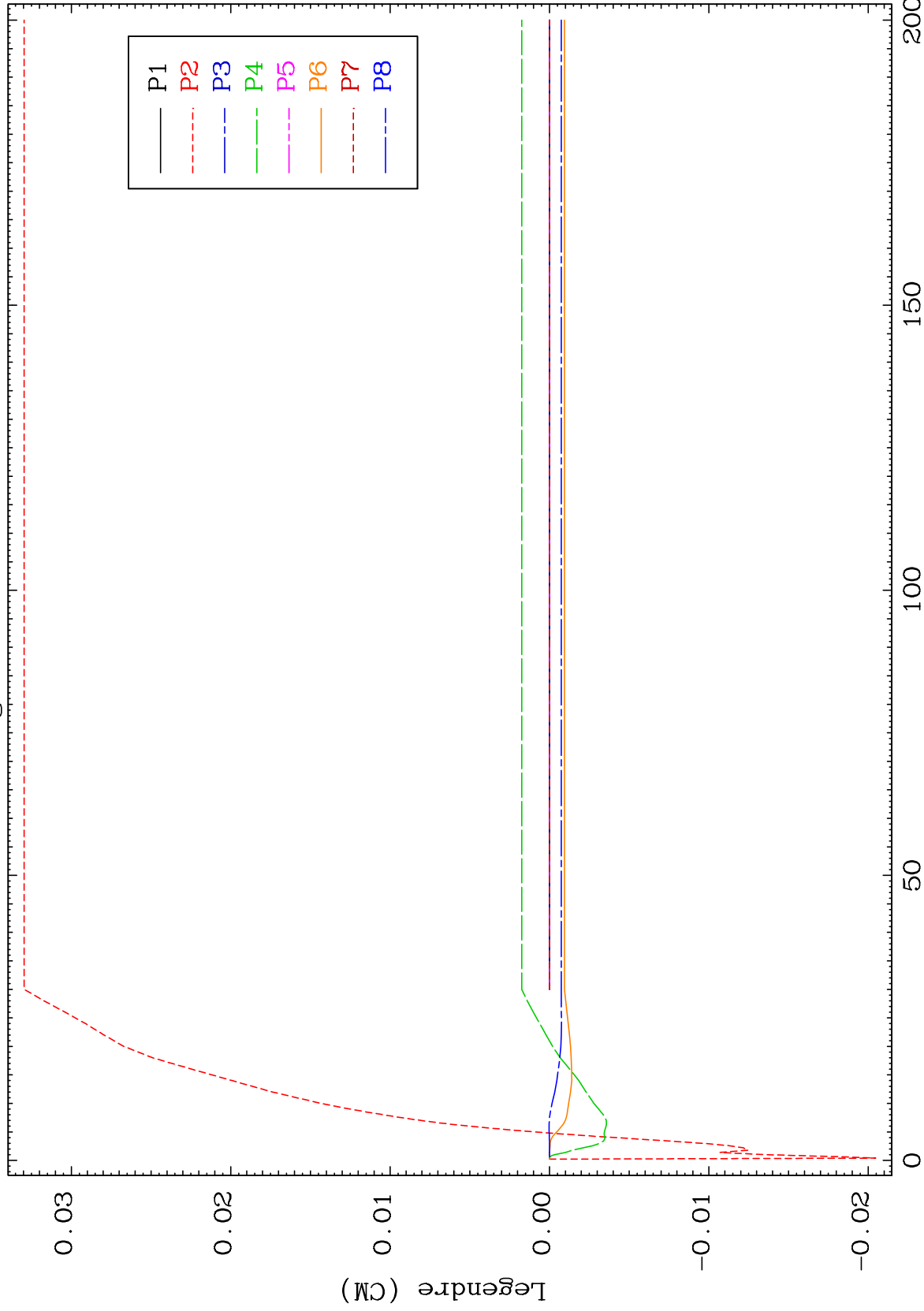
43-Tc-94



MAT 4310

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

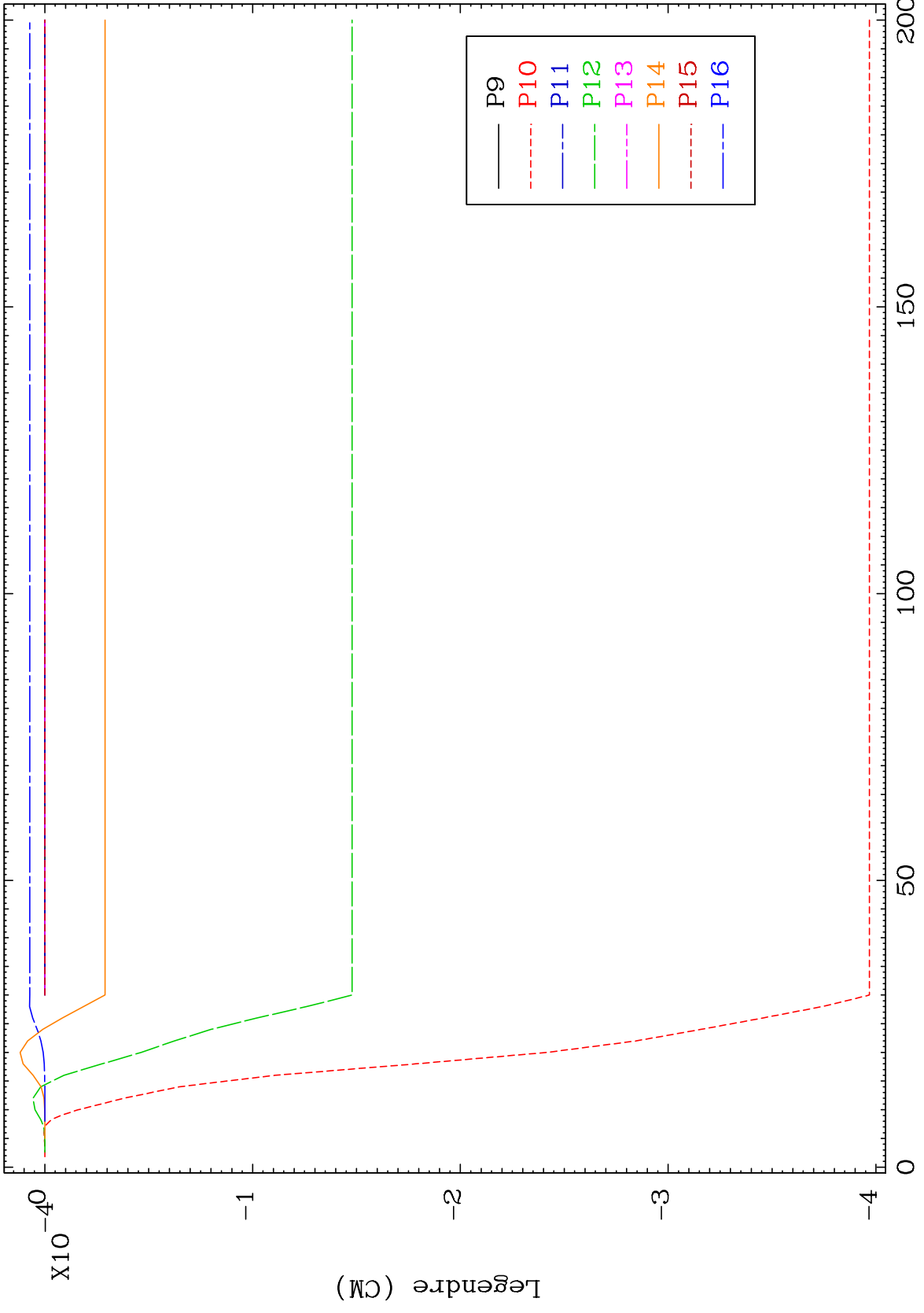
43-Tc-94



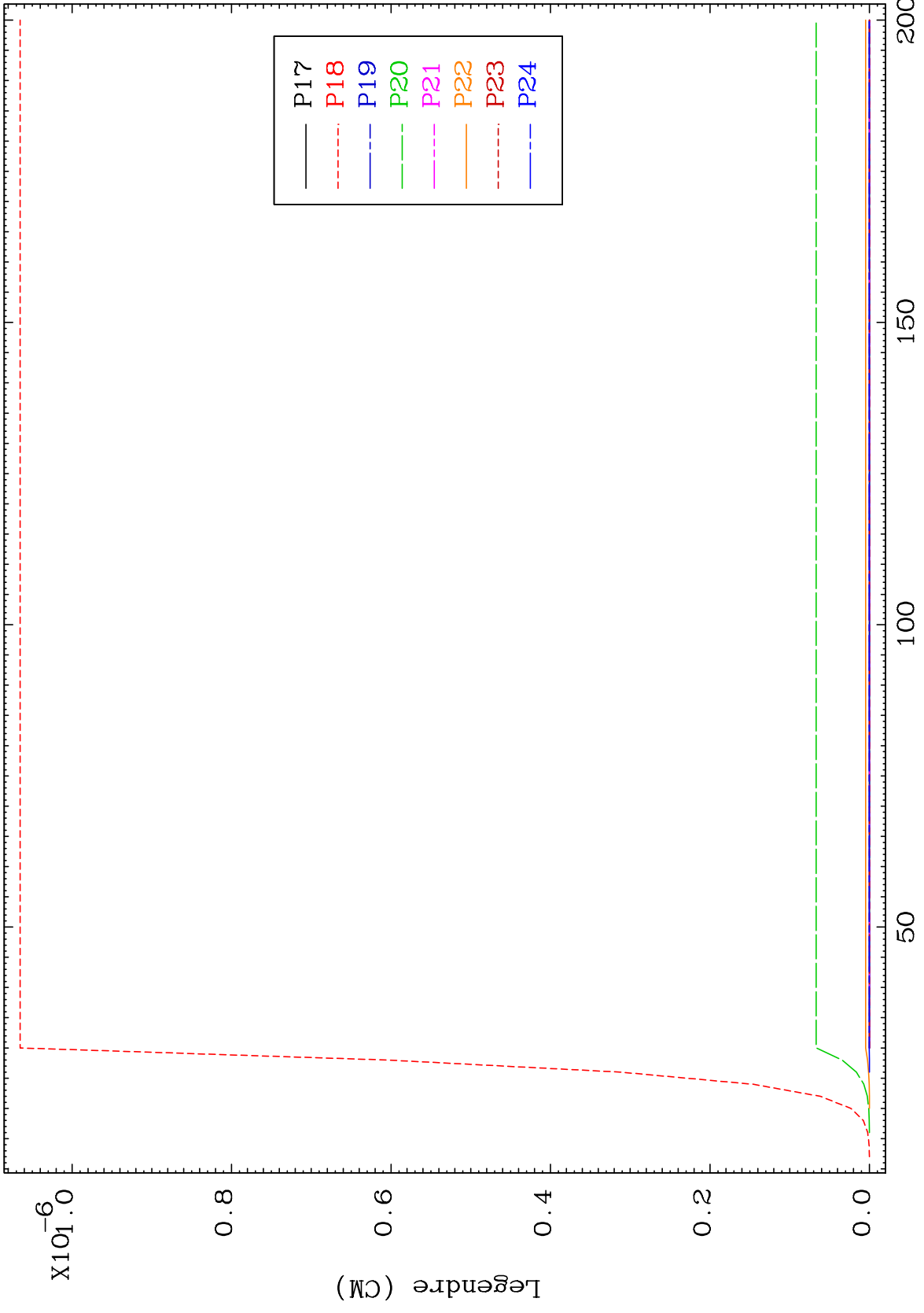
43-Tc-94

Incident Energy (MeV)

30



MAT 4310 MT= 54 (n,n') Level Legendre Coefficients 43-Tc-94

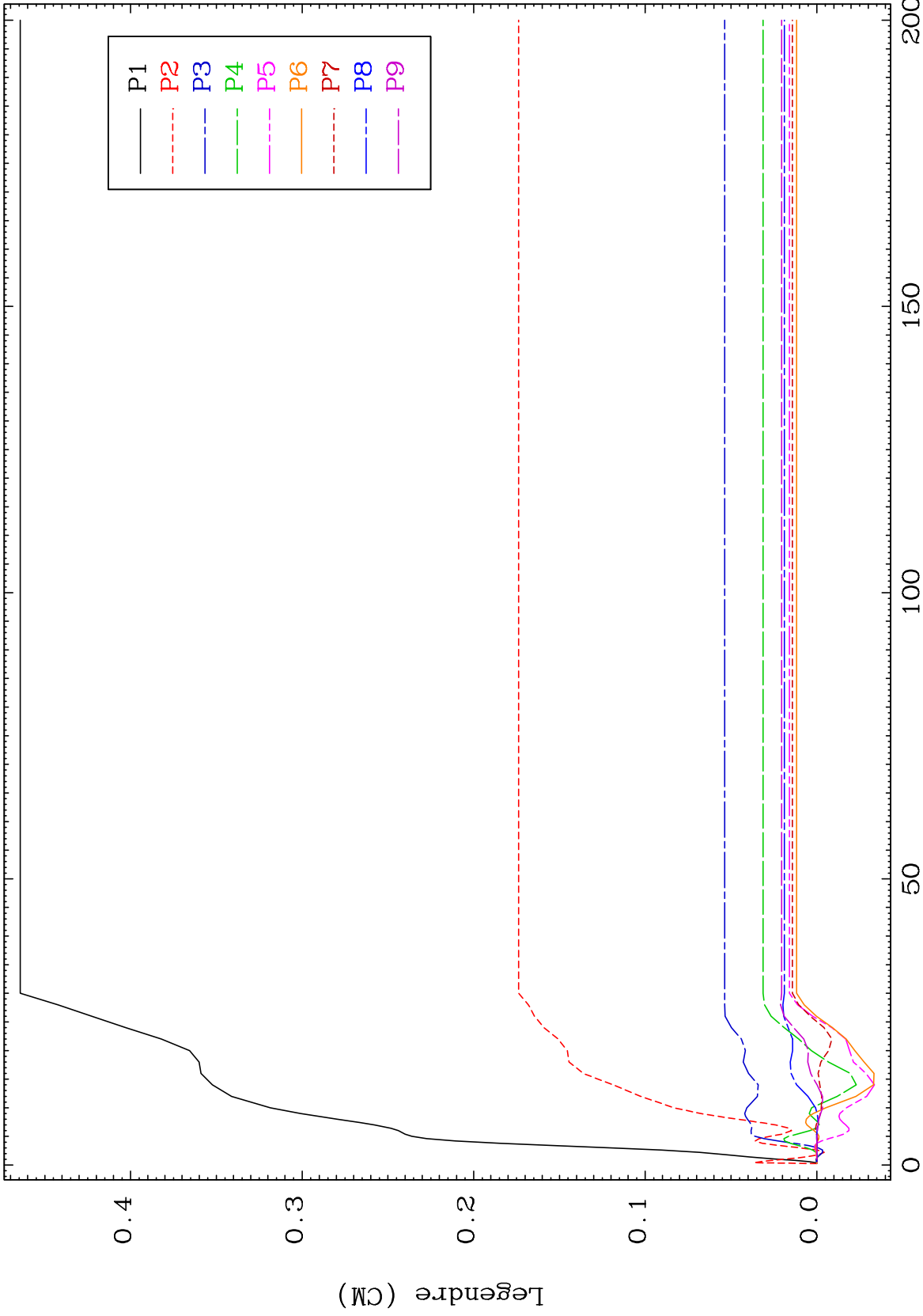


32 50 100 150 200 43-Tc-94

MAT 4310

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

43-Tc-94



33

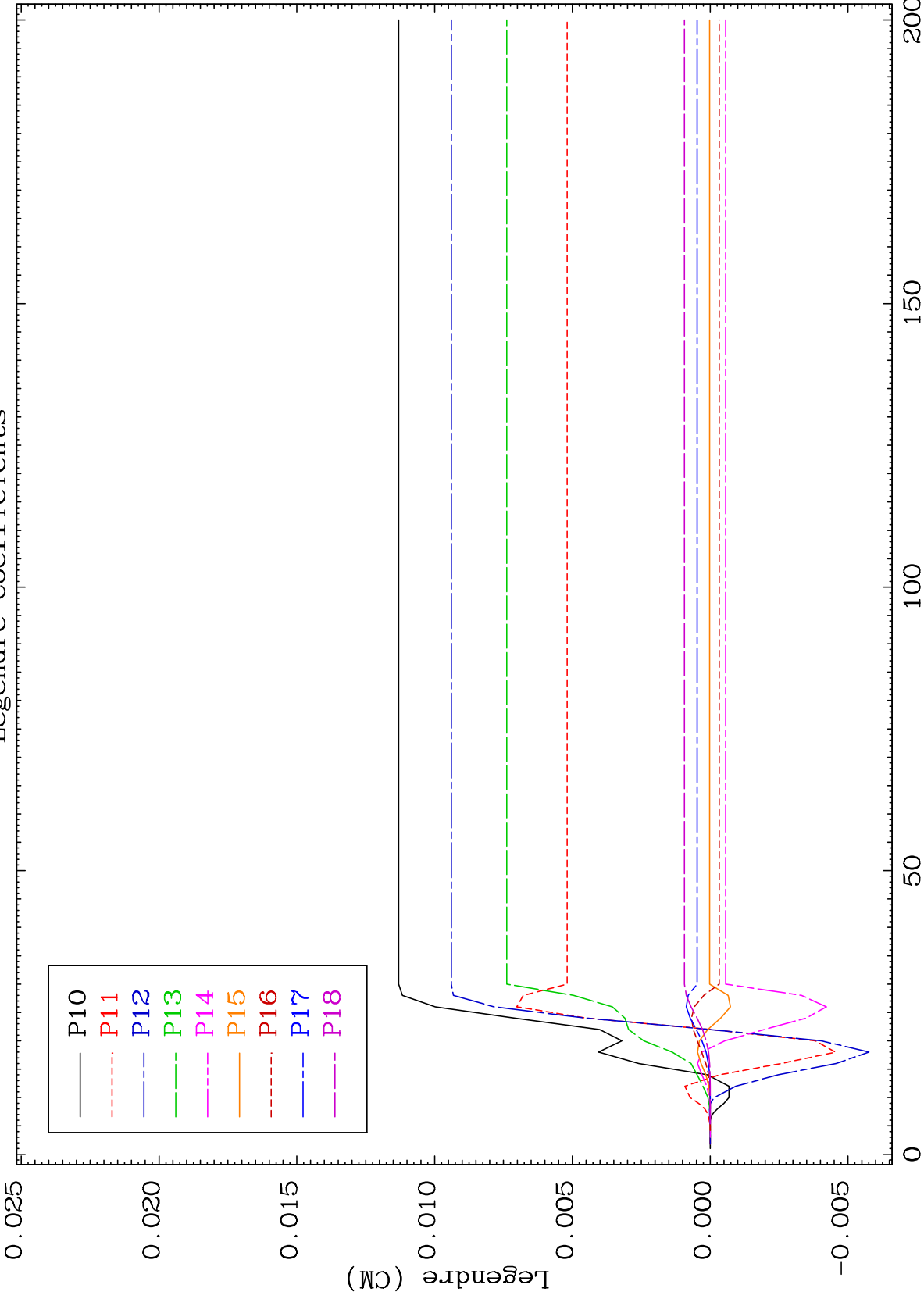
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



34

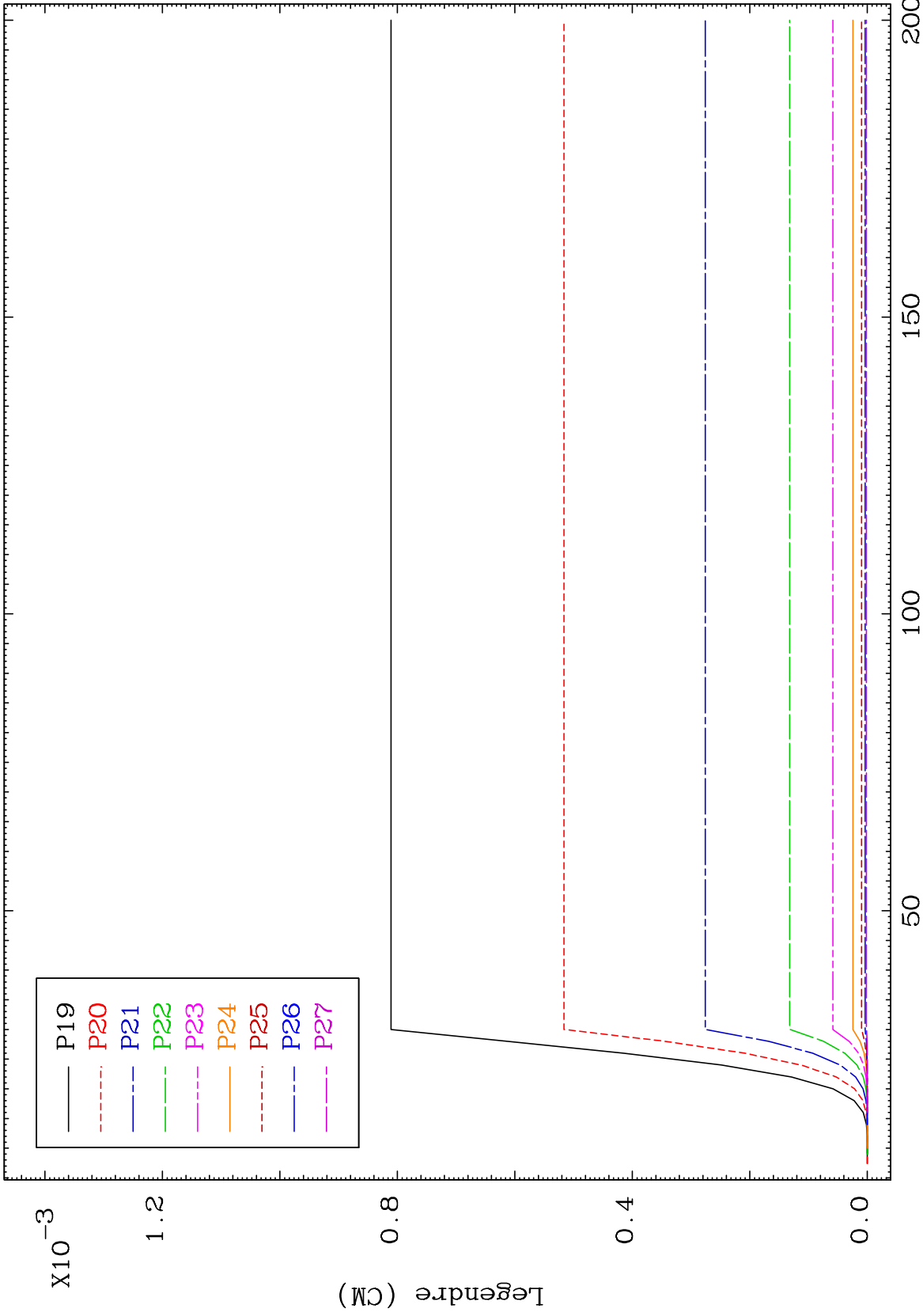
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



35

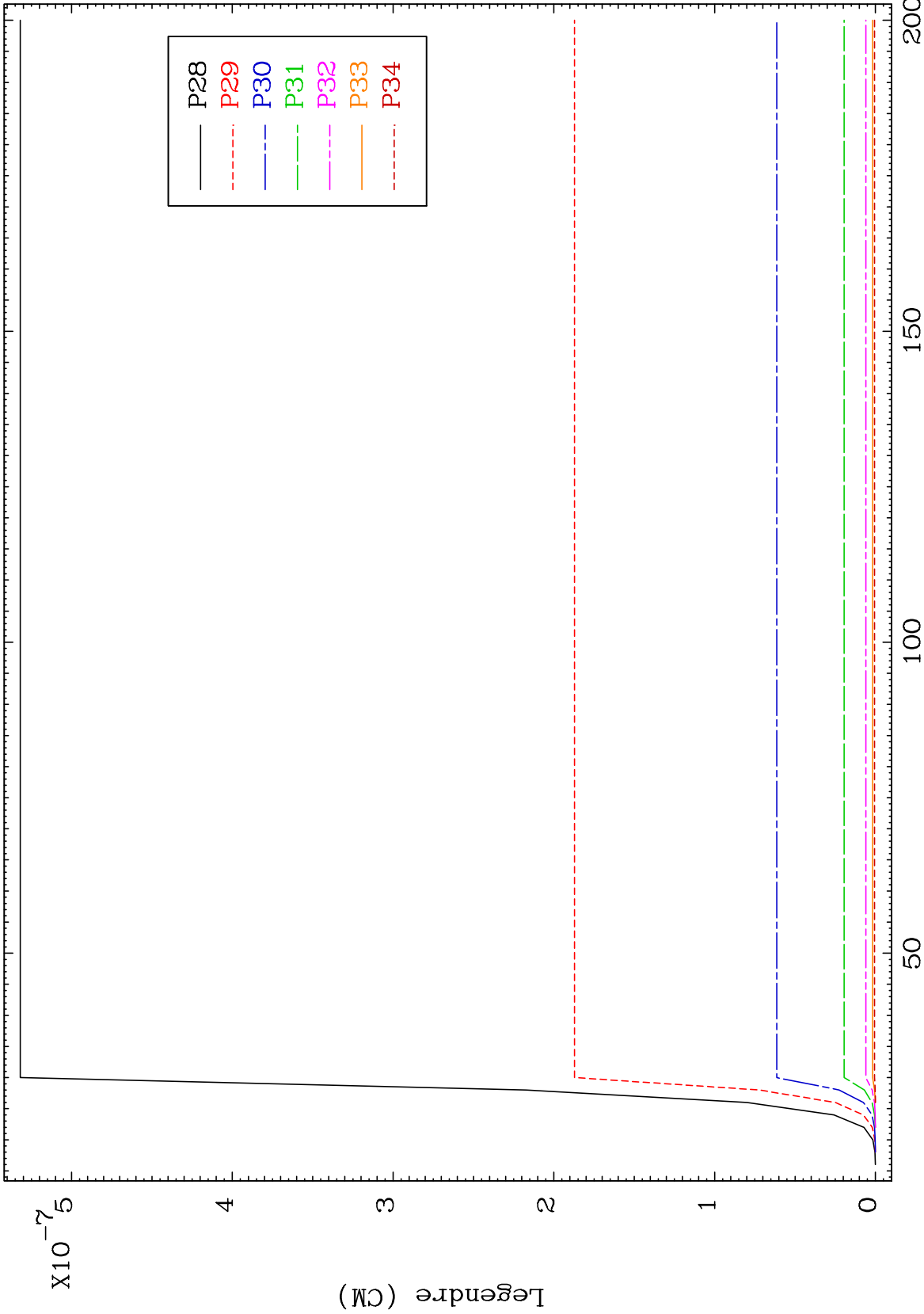
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



36

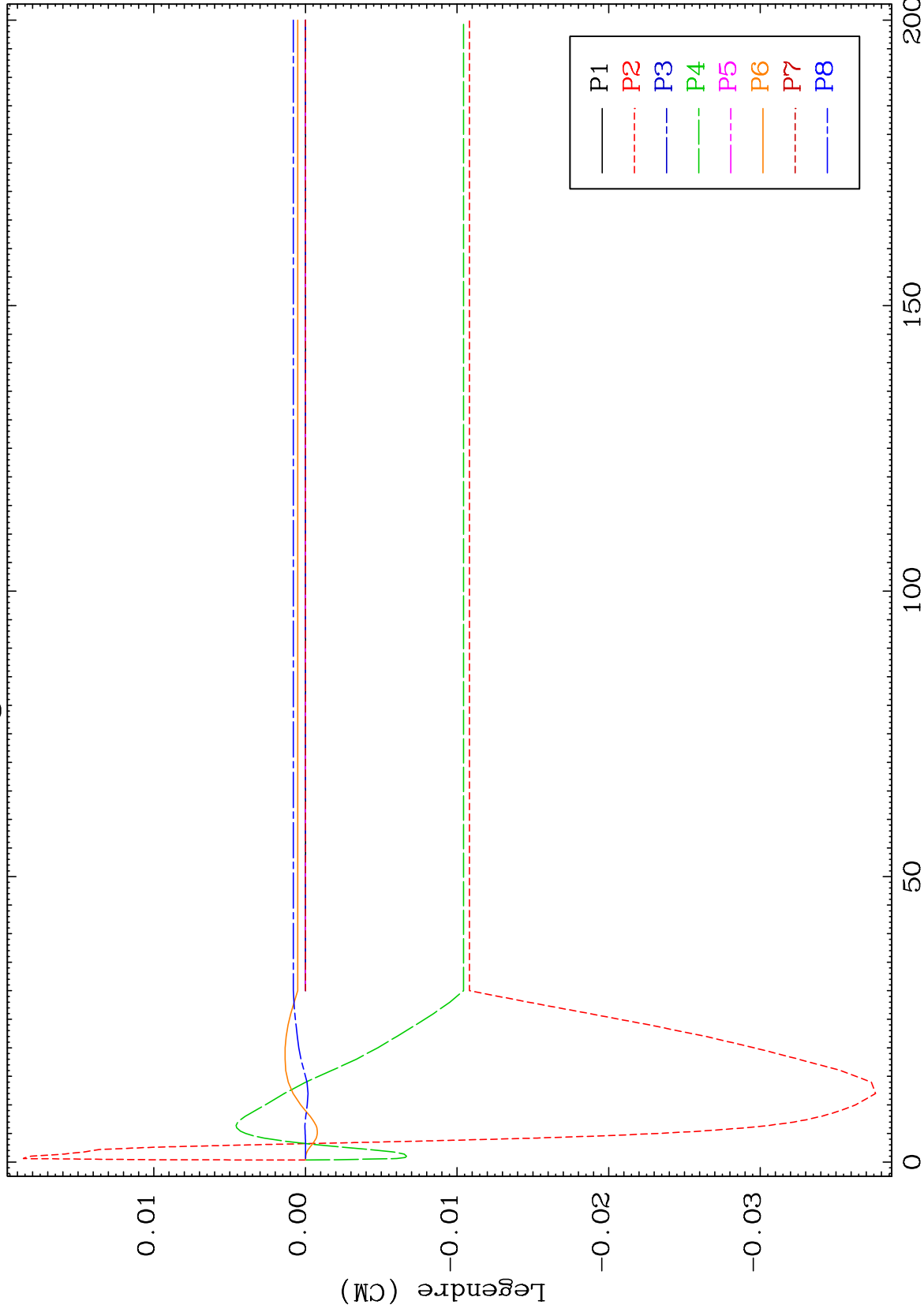
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



37

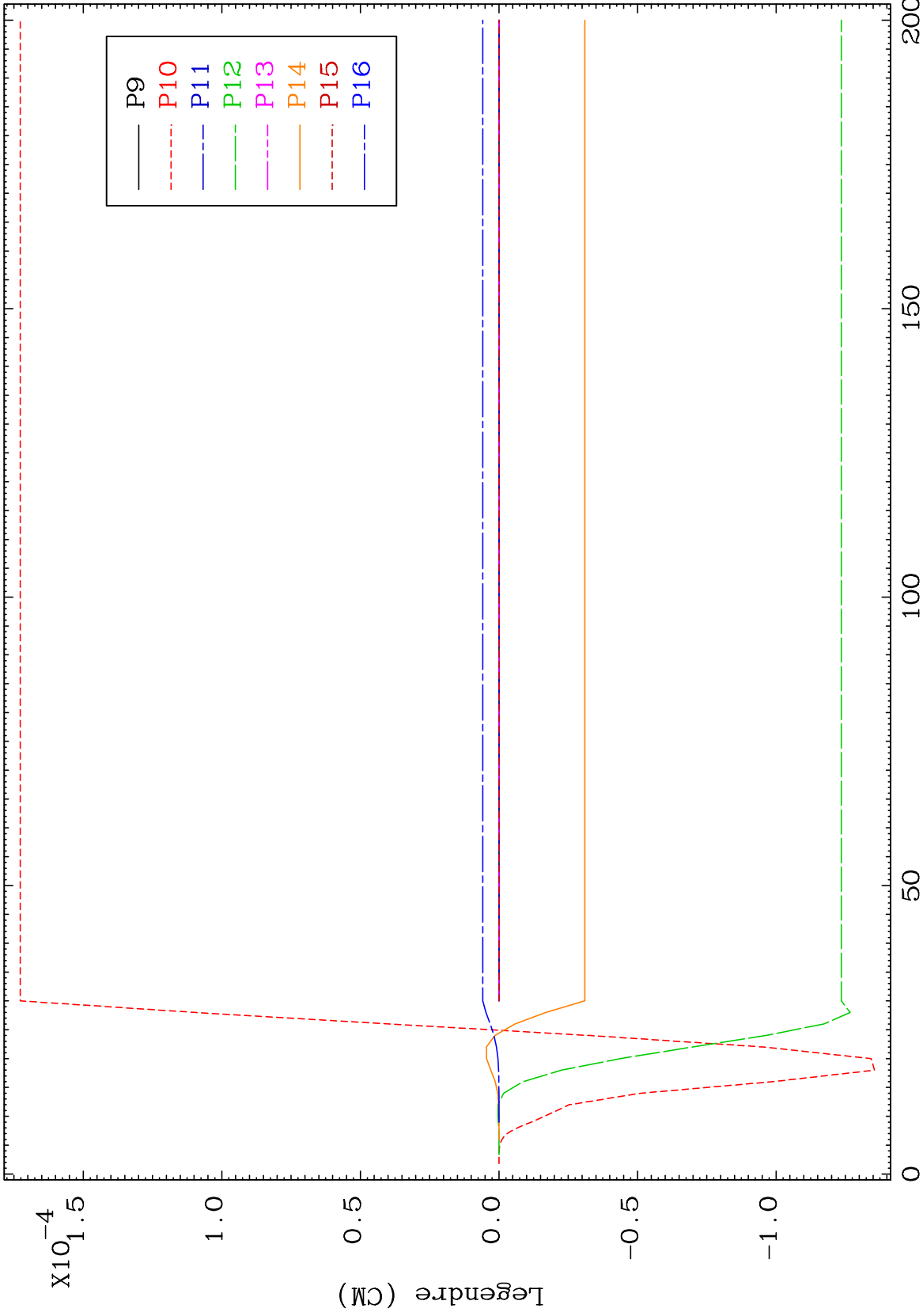
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94

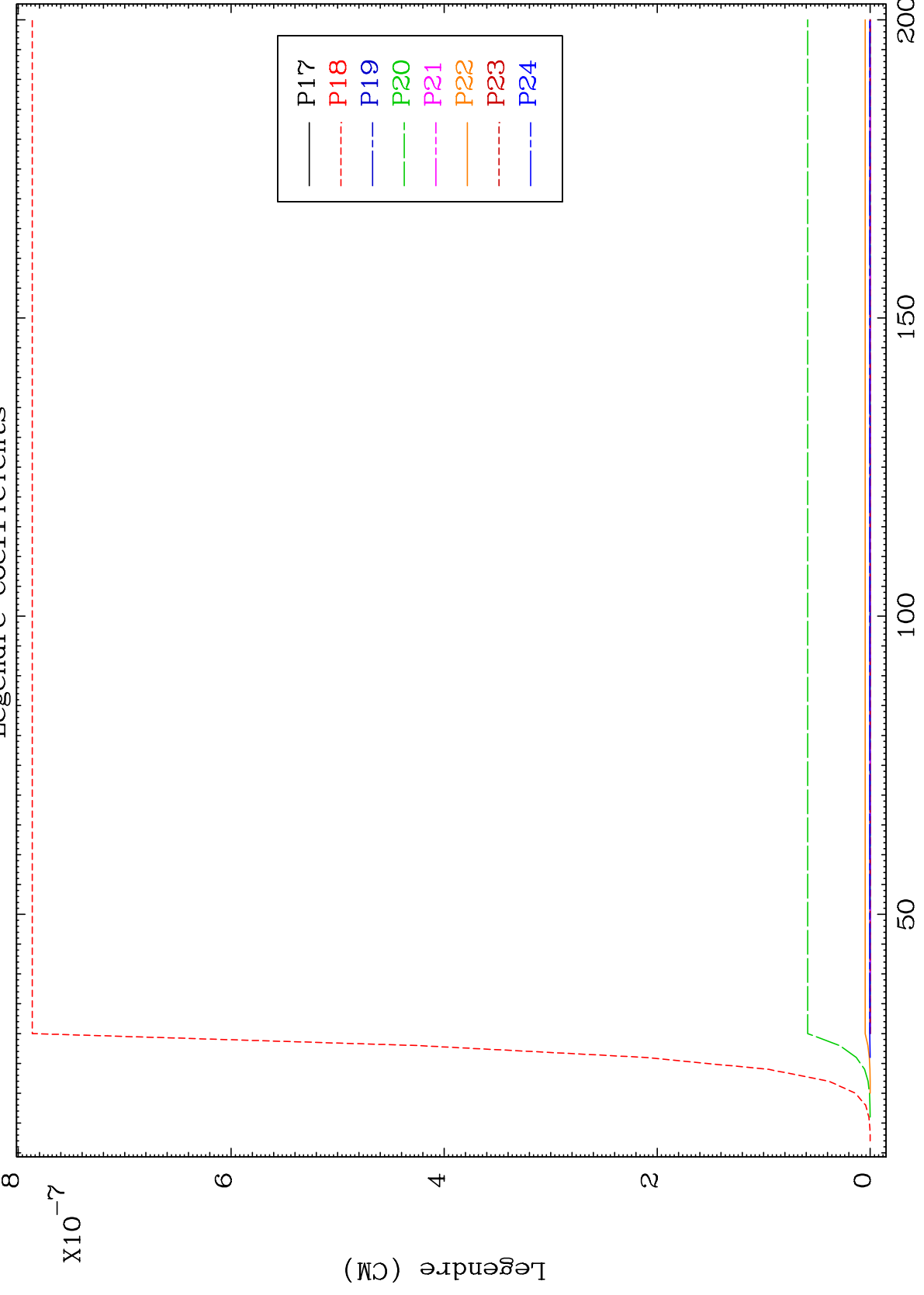


38

Incident Energy (MeV)

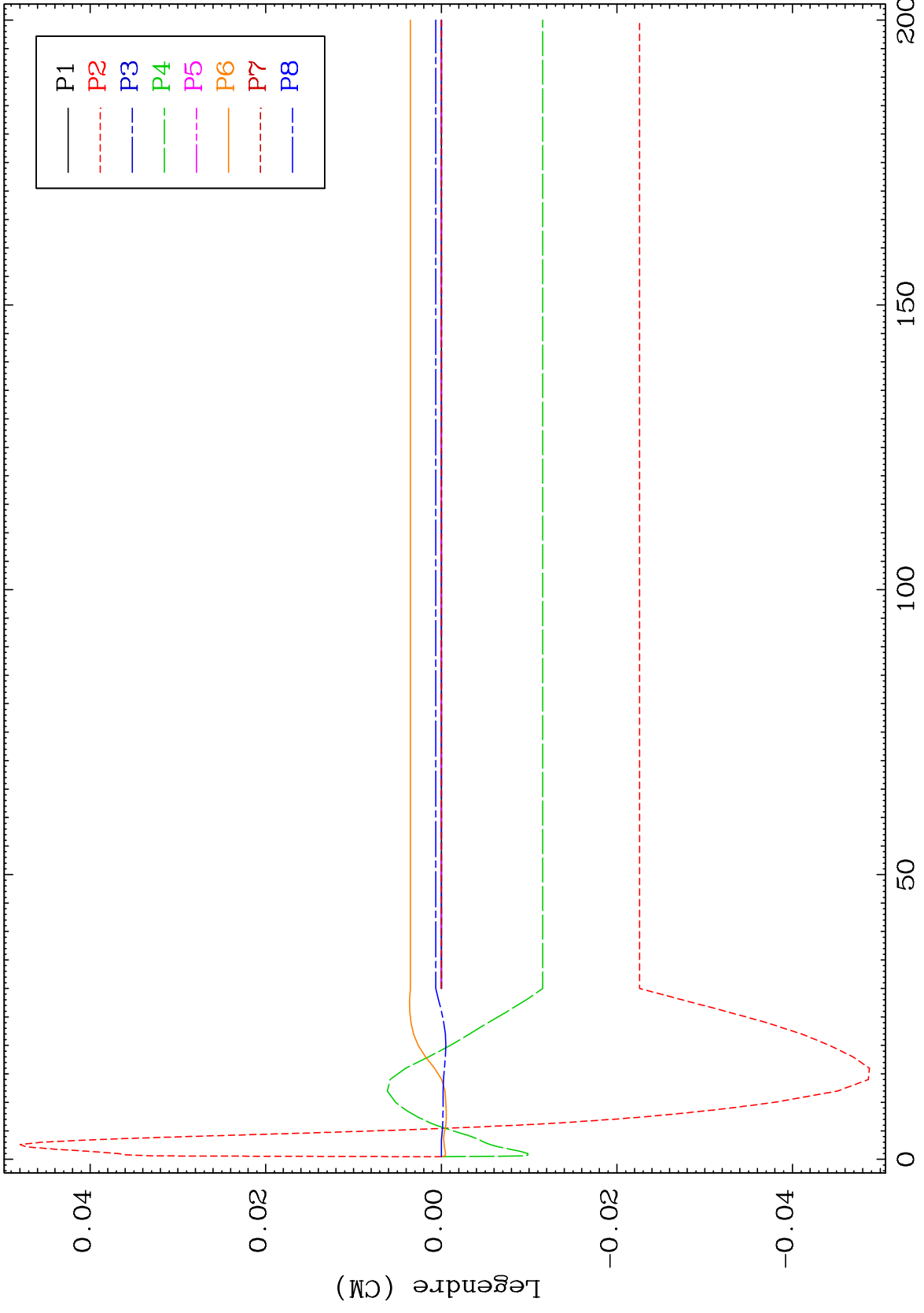
43-Tc-94

MAT 4310 MT= 56 (n,n') Level Legendre Coefficients 43-Tc-94



39 43-Tc-94

MAT 4310 MT= 57 (n,n') Level Legendre Coefficients 43-Tc-94

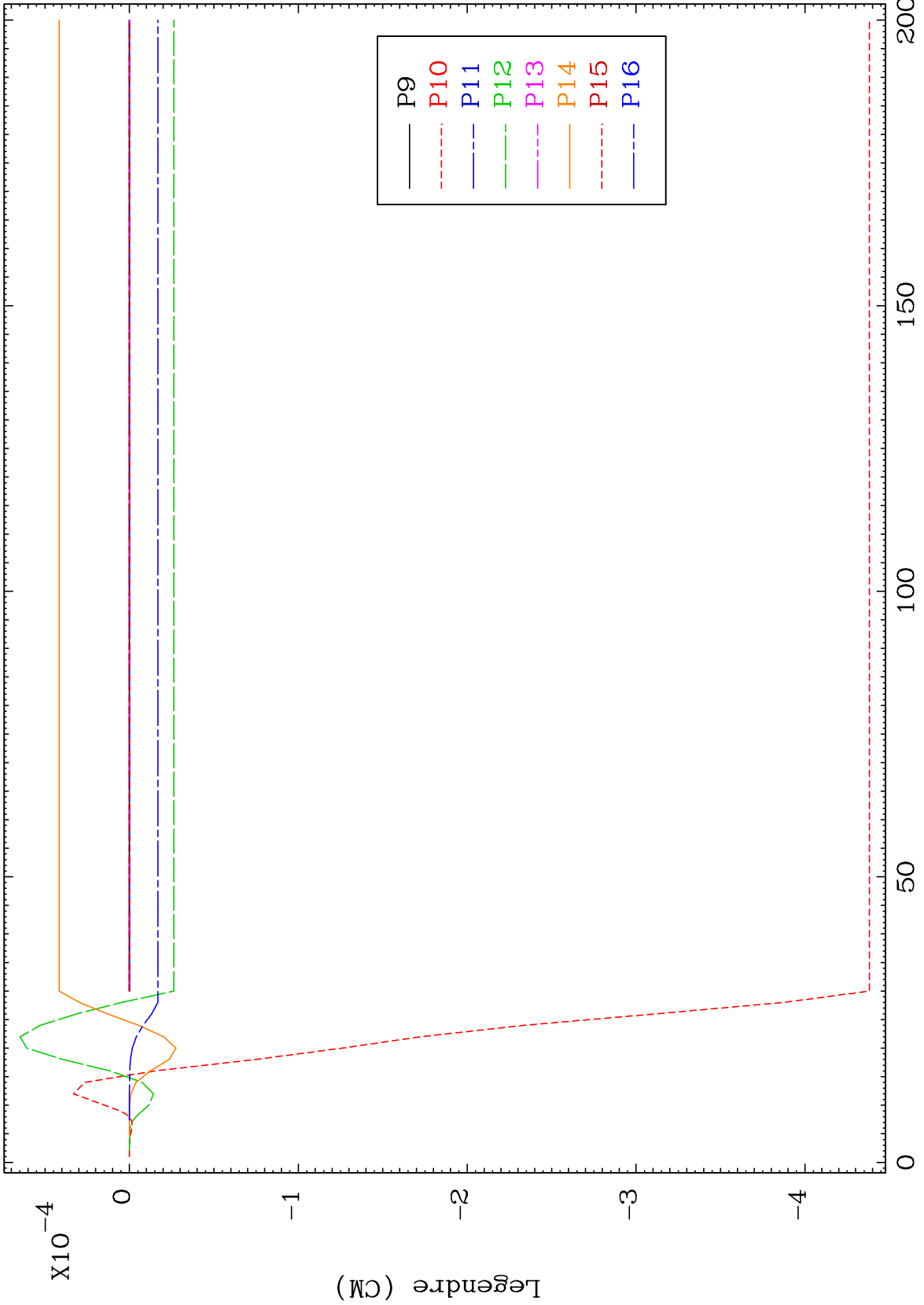


43-Tc-94

MAT 4310

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

43-Tc-94



41

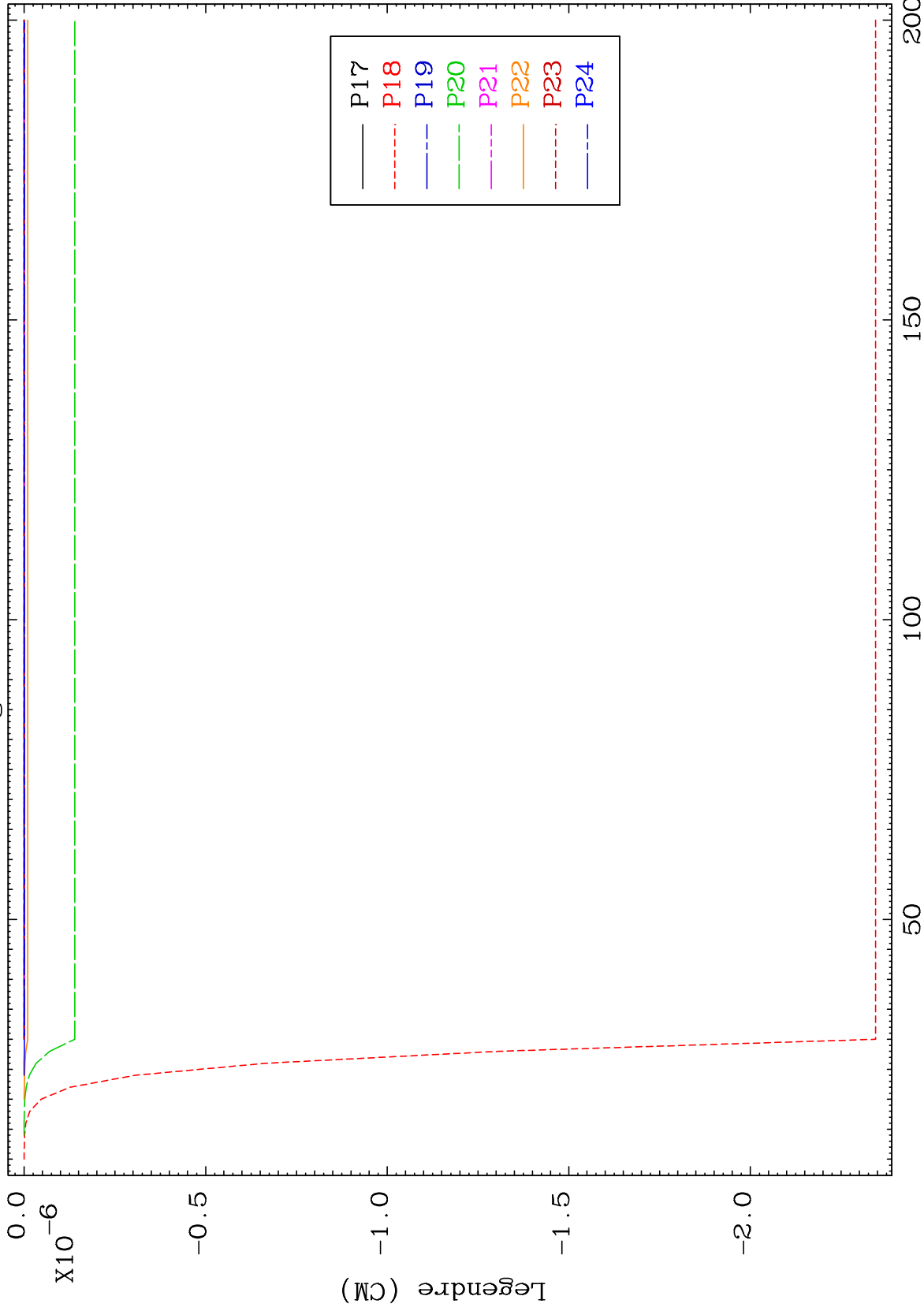
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



43-Tc-94

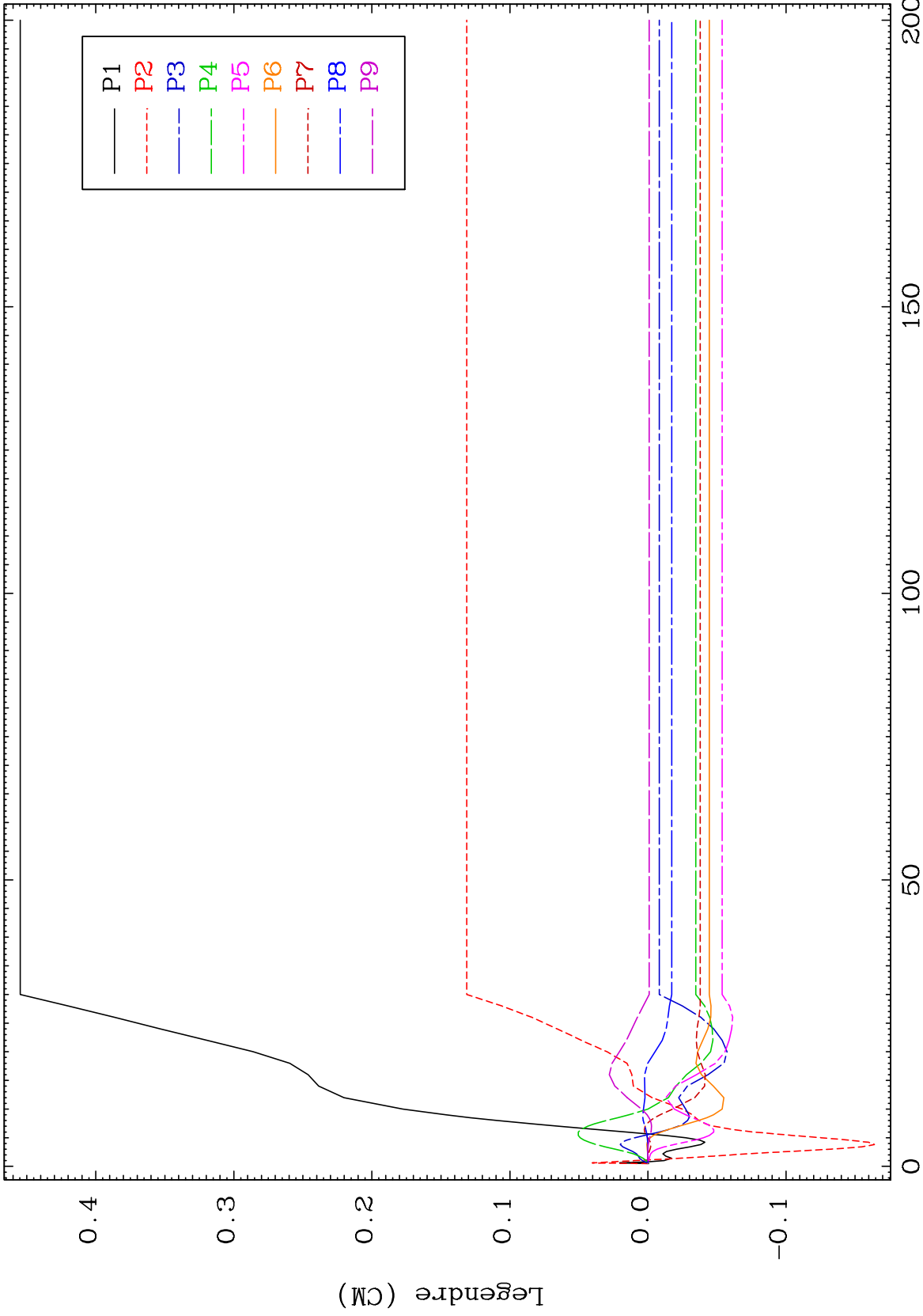
Incident Energy (MeV)

42

MAT 4310

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

43-Tc-94



43

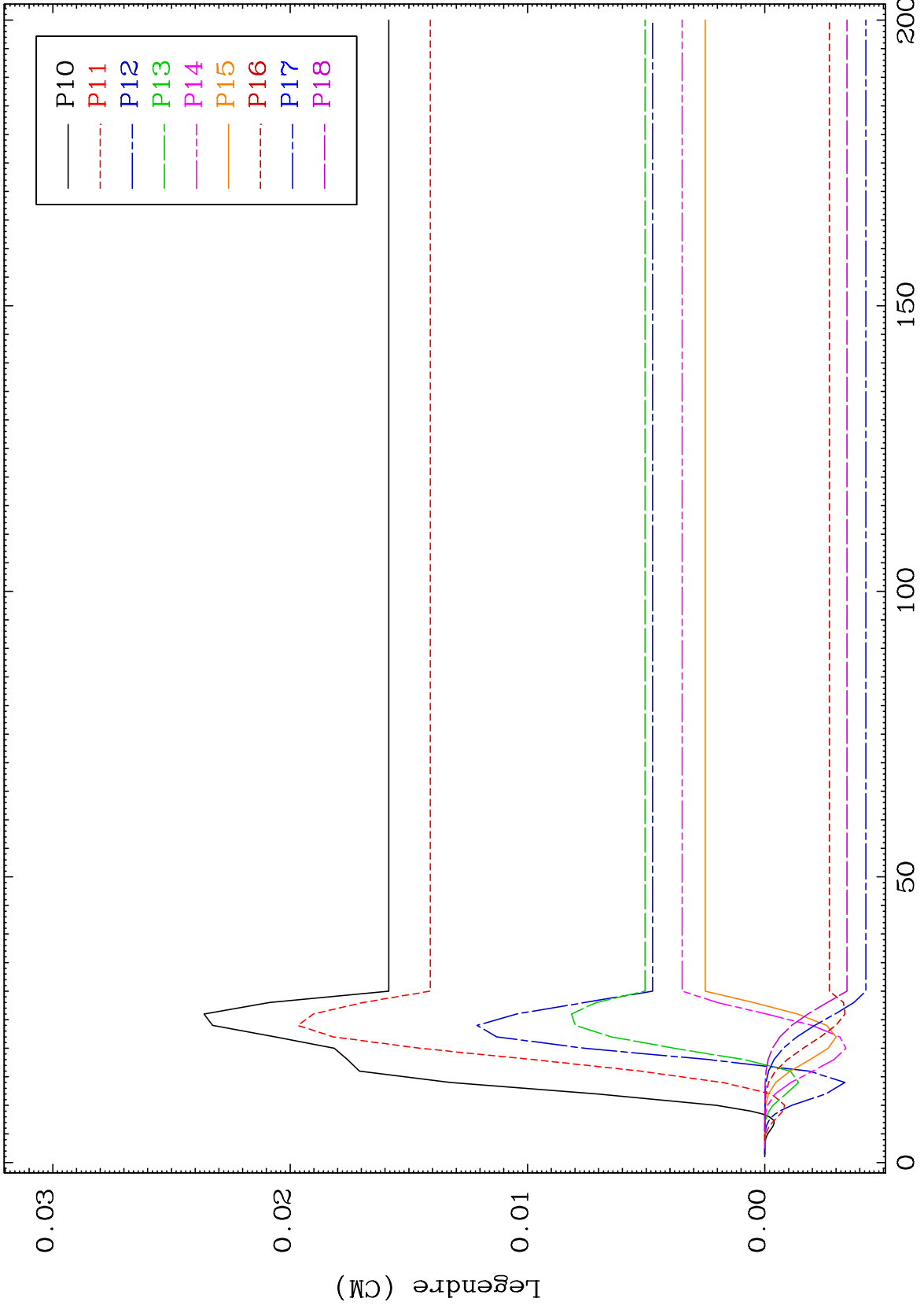
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



44

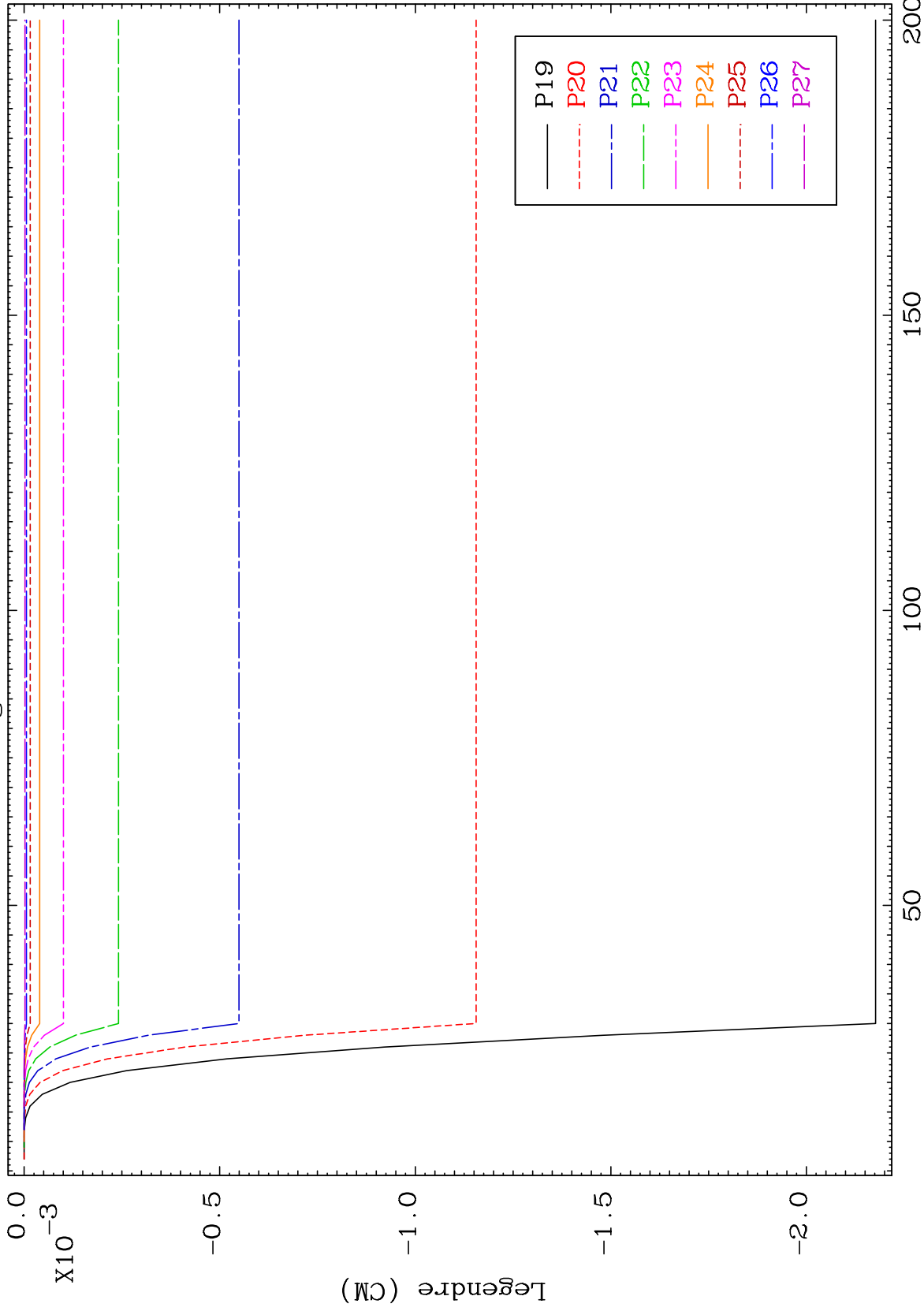
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94

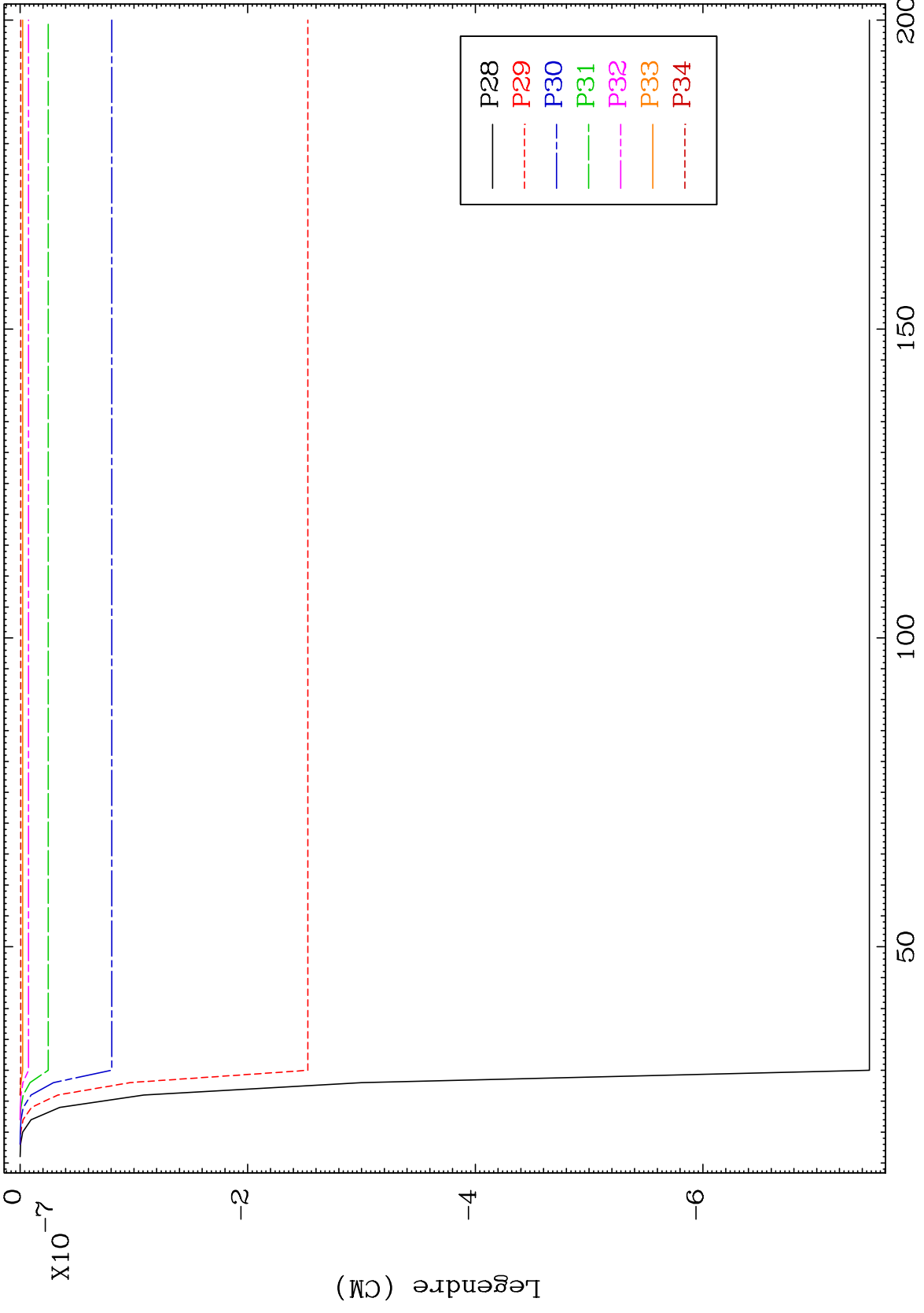


43-Tc-94

Incident Energy (MeV)

45

MAT 4310 MT= 58 (n,n') Level Legendre Coefficients 43-Tc-94

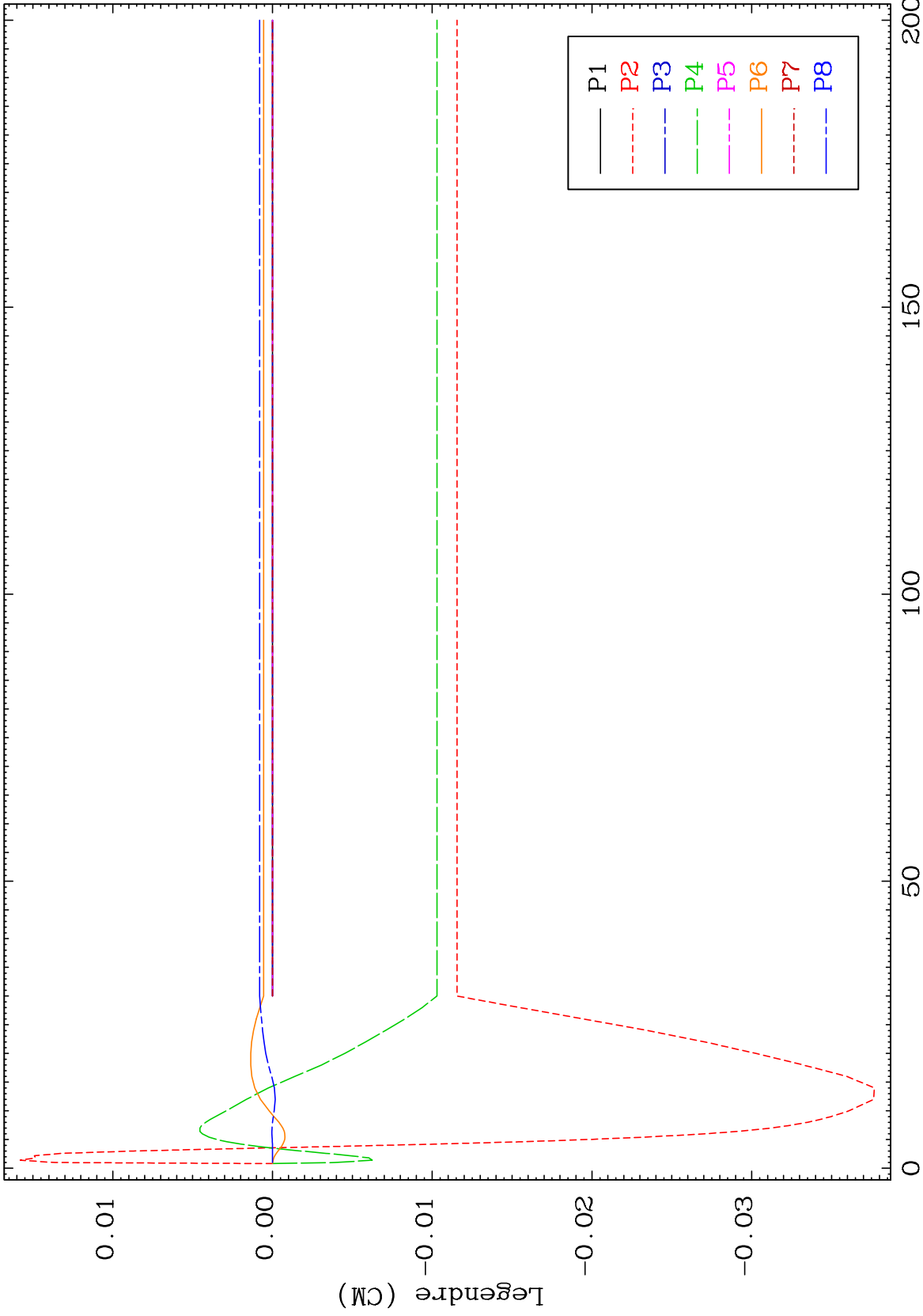


46 43-Tc-94

MAT 4310

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

43-Tc-94

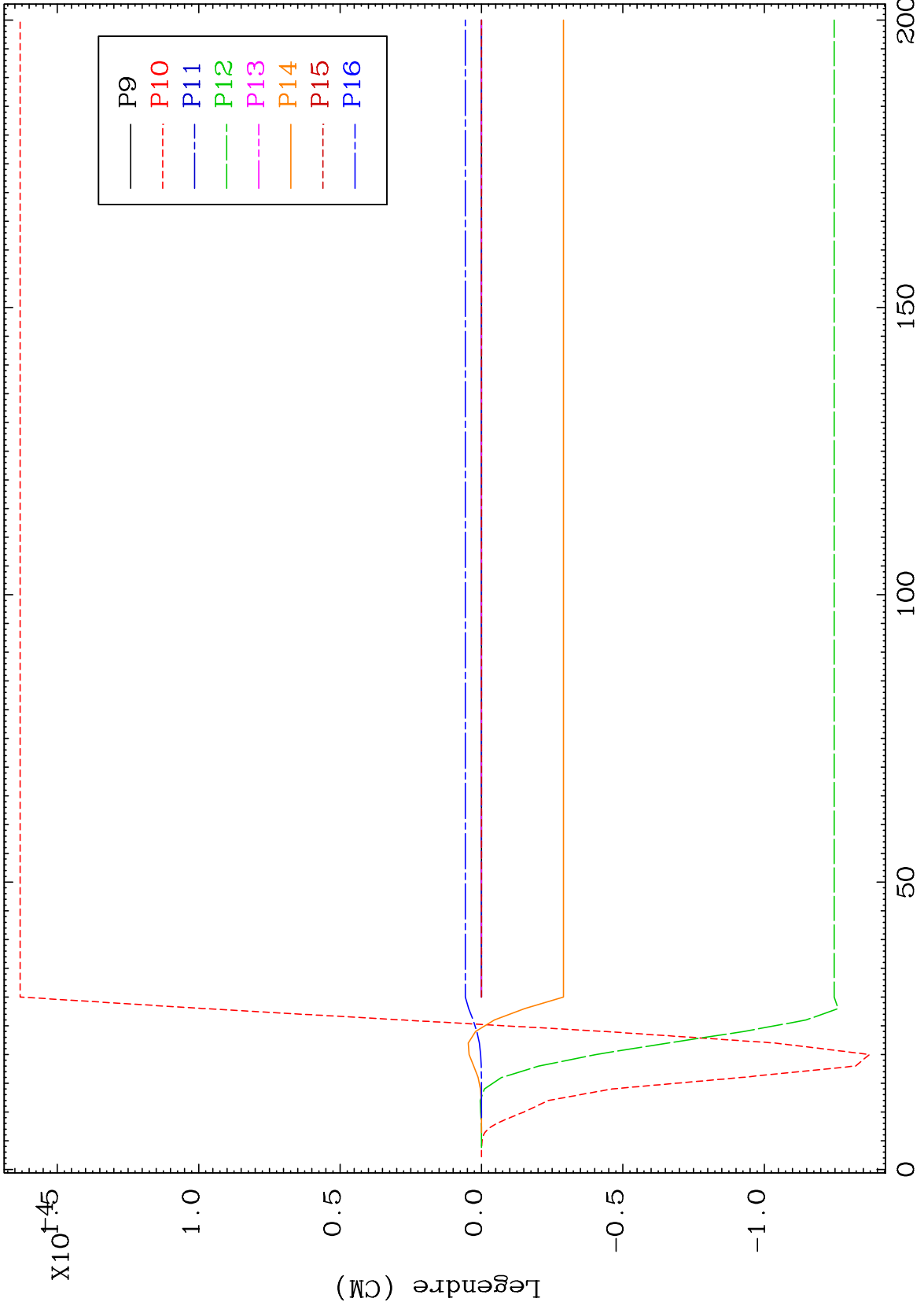


47

Incident Energy (MeV)

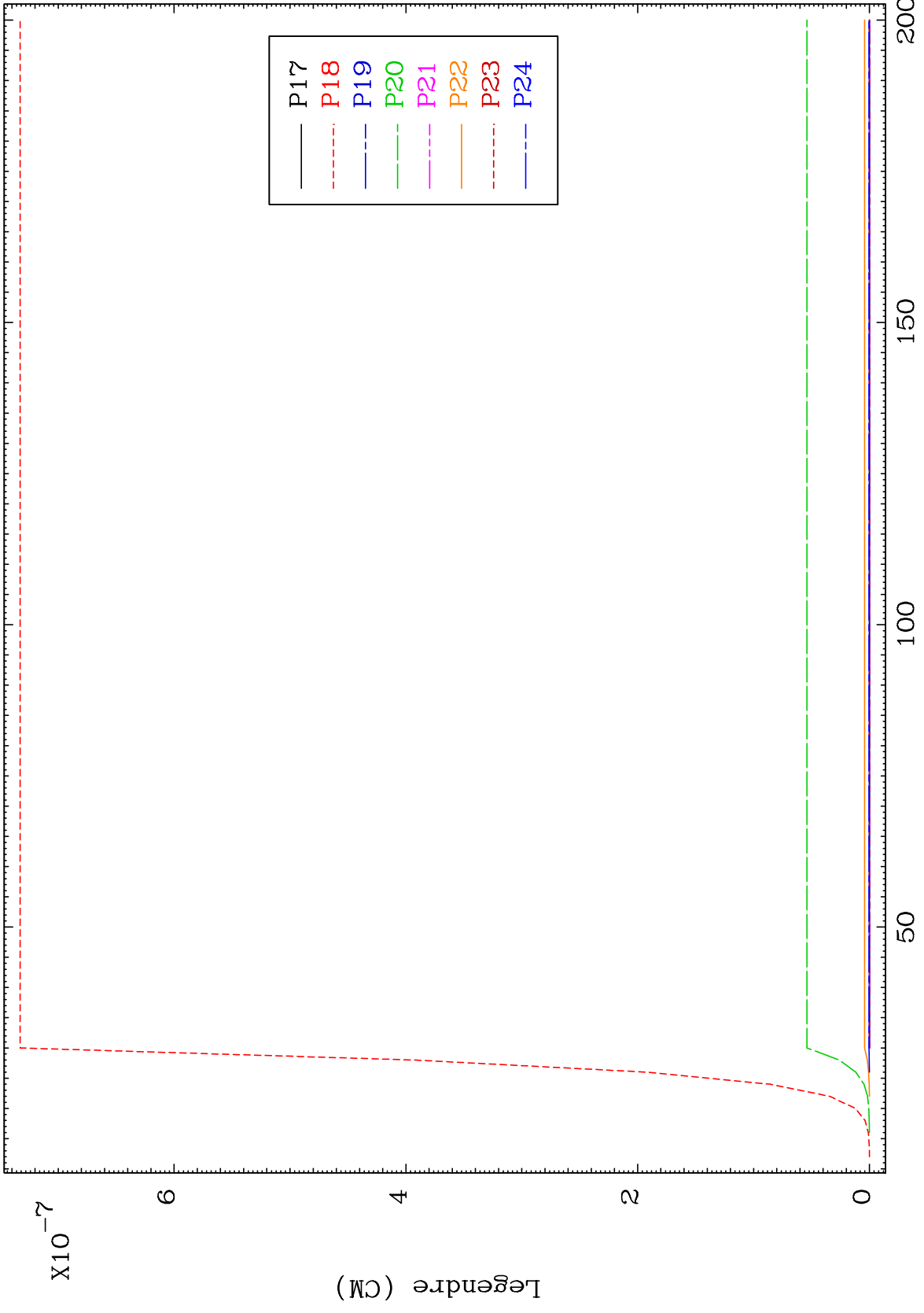
43-Tc-94

MAT 4310 MT= 59 (n,n') Level Legendre Coefficients 43-Tc-94



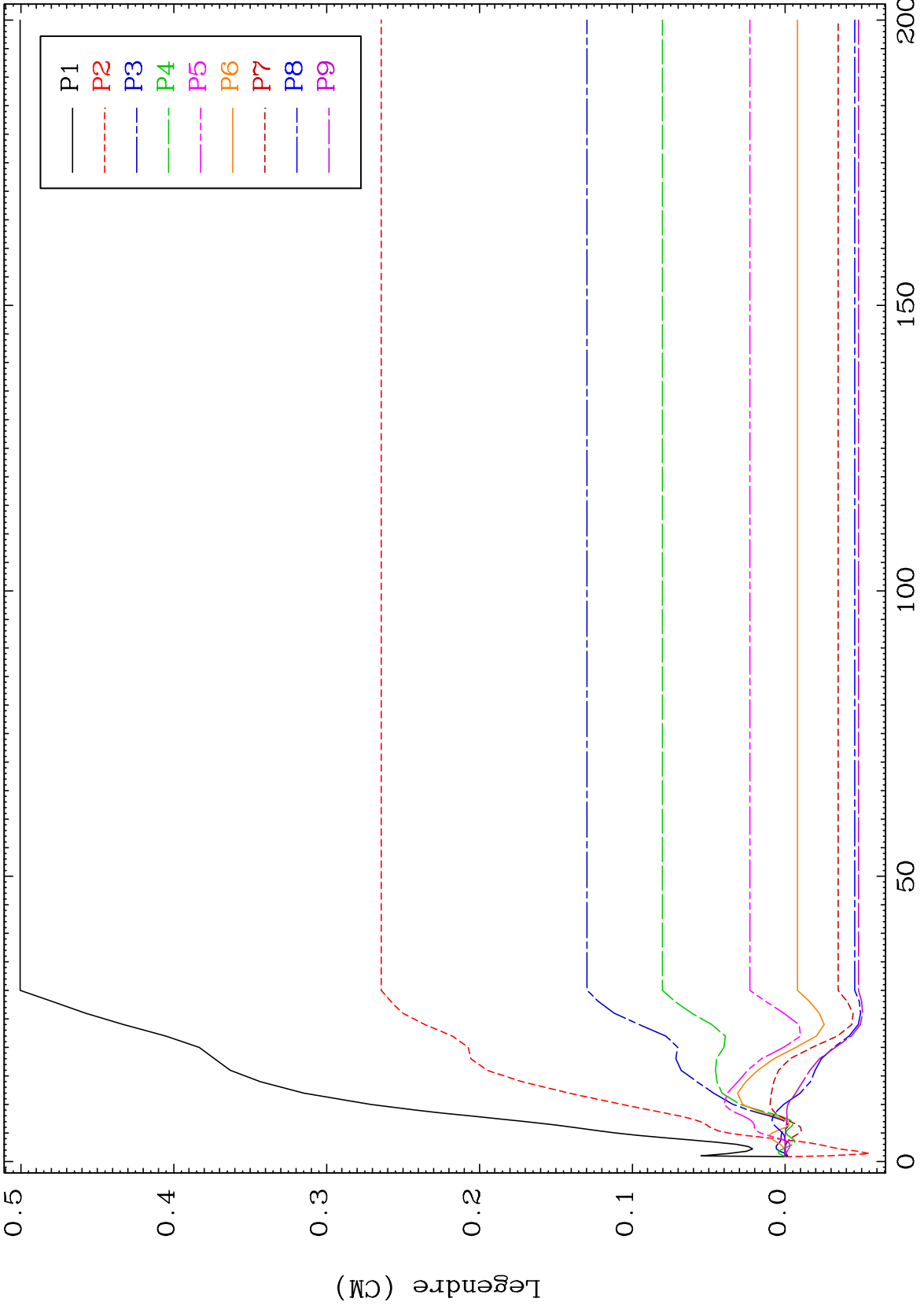
48 43-Tc-94

MAT 4310 MT= 59 (n,n') Level Legendre Coefficients 43-Tc-94



49 Incident Energy (MeV) 43-Tc-94

MAT 4310 MT= 60 (n,n') Level Legendre Coefficients 43-Tc-94



43-Tc-94

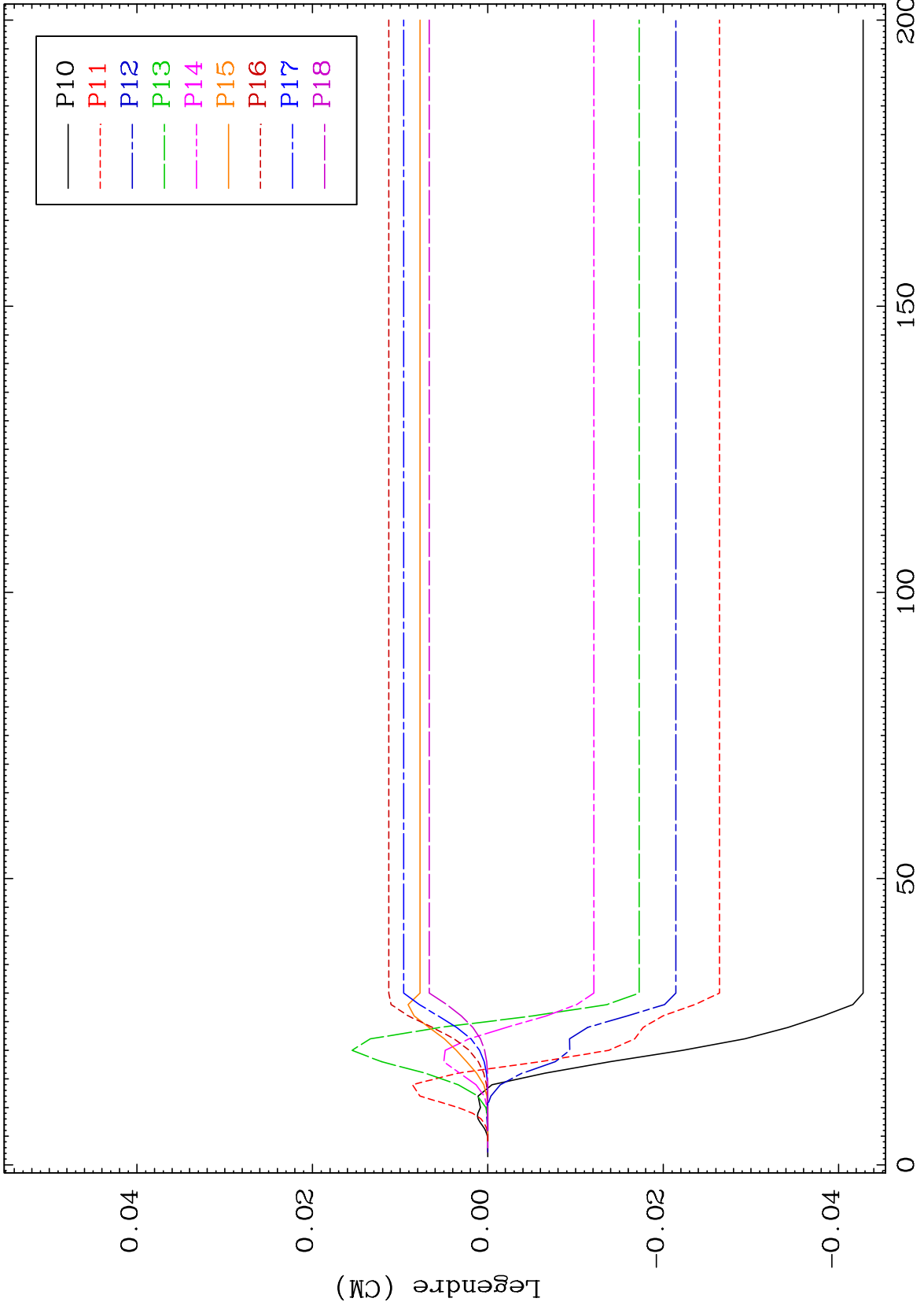
Incident Energy (MeV)

50

MAT 4310

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

43-Tc-94



51

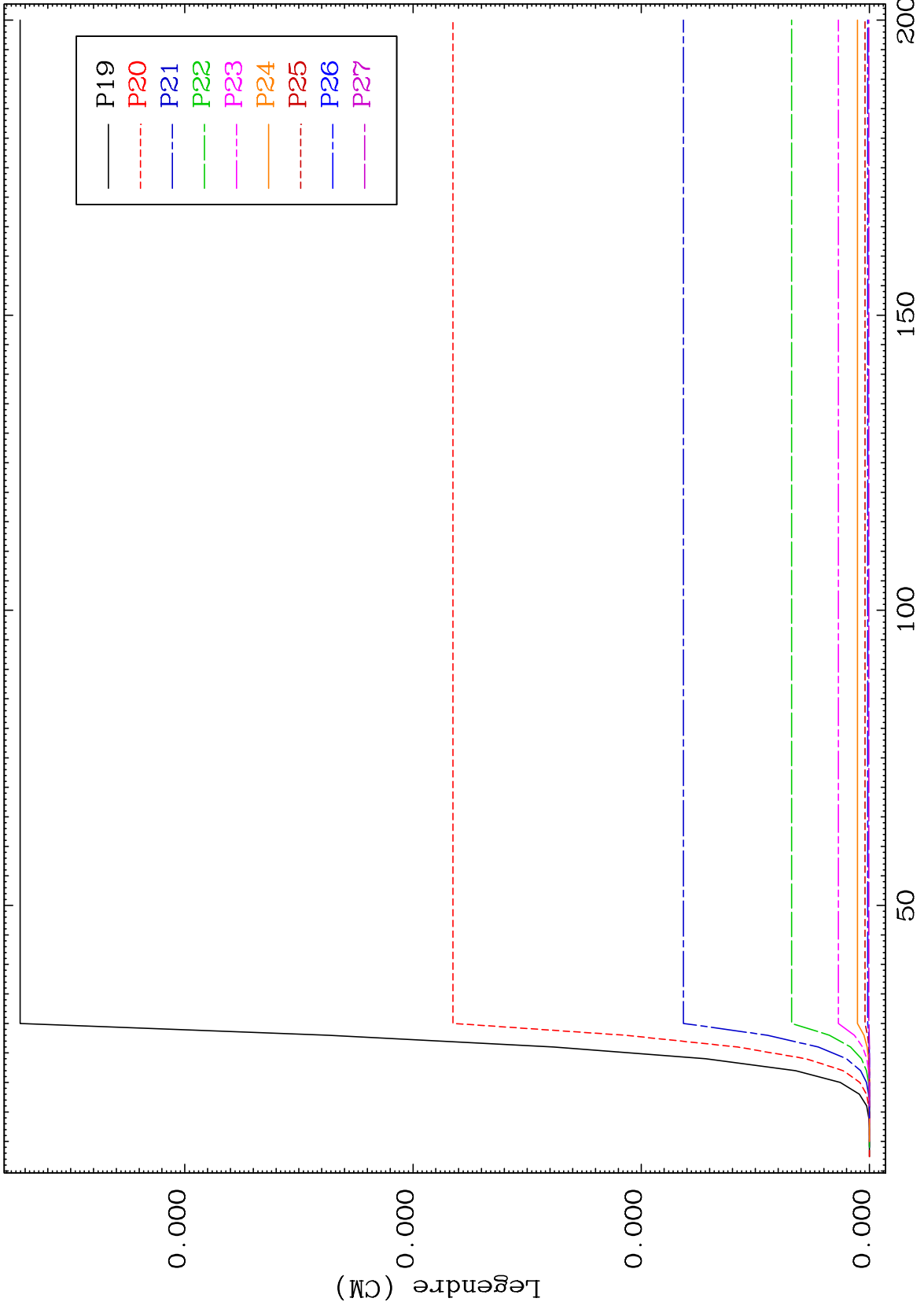
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



52

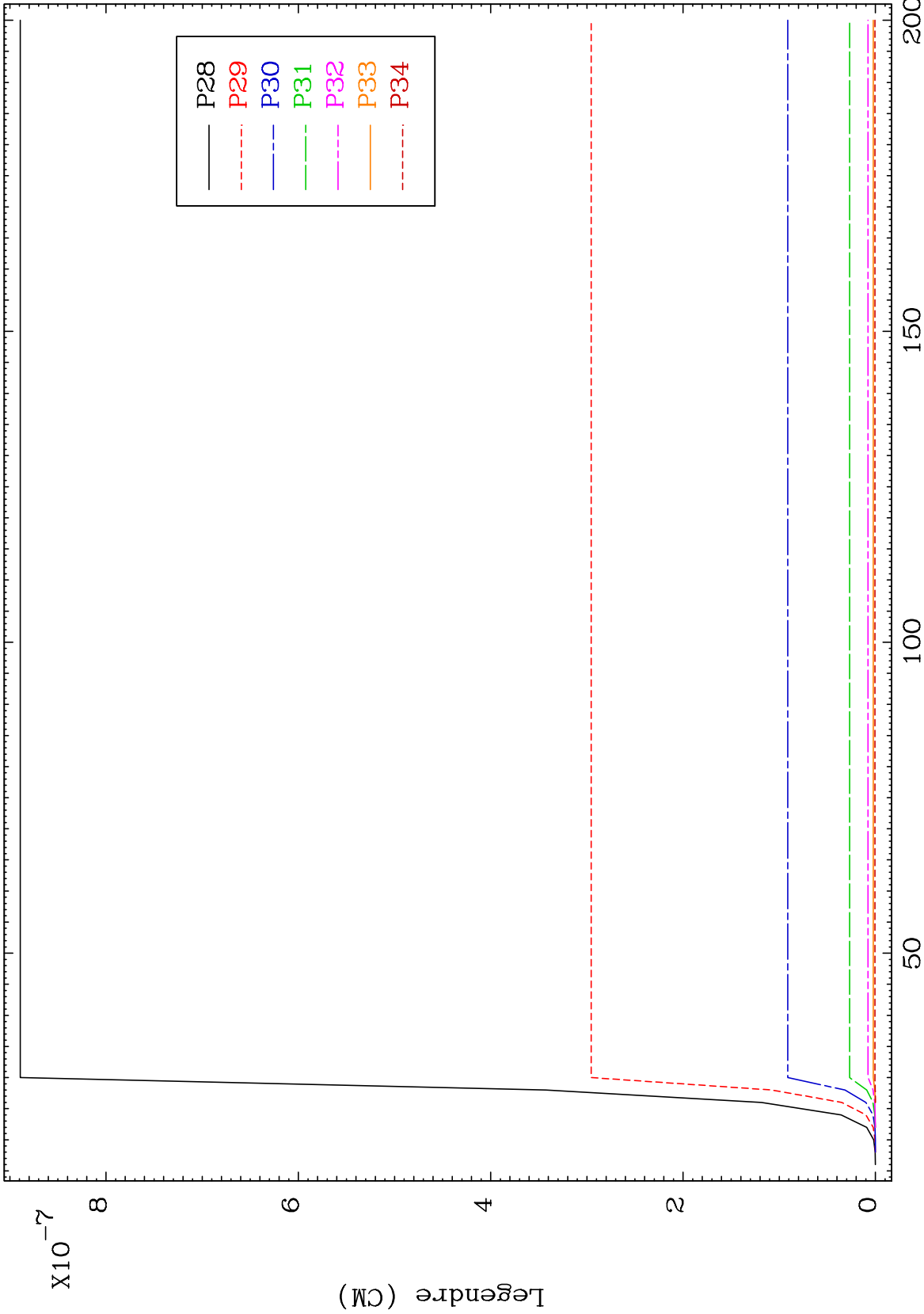
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94

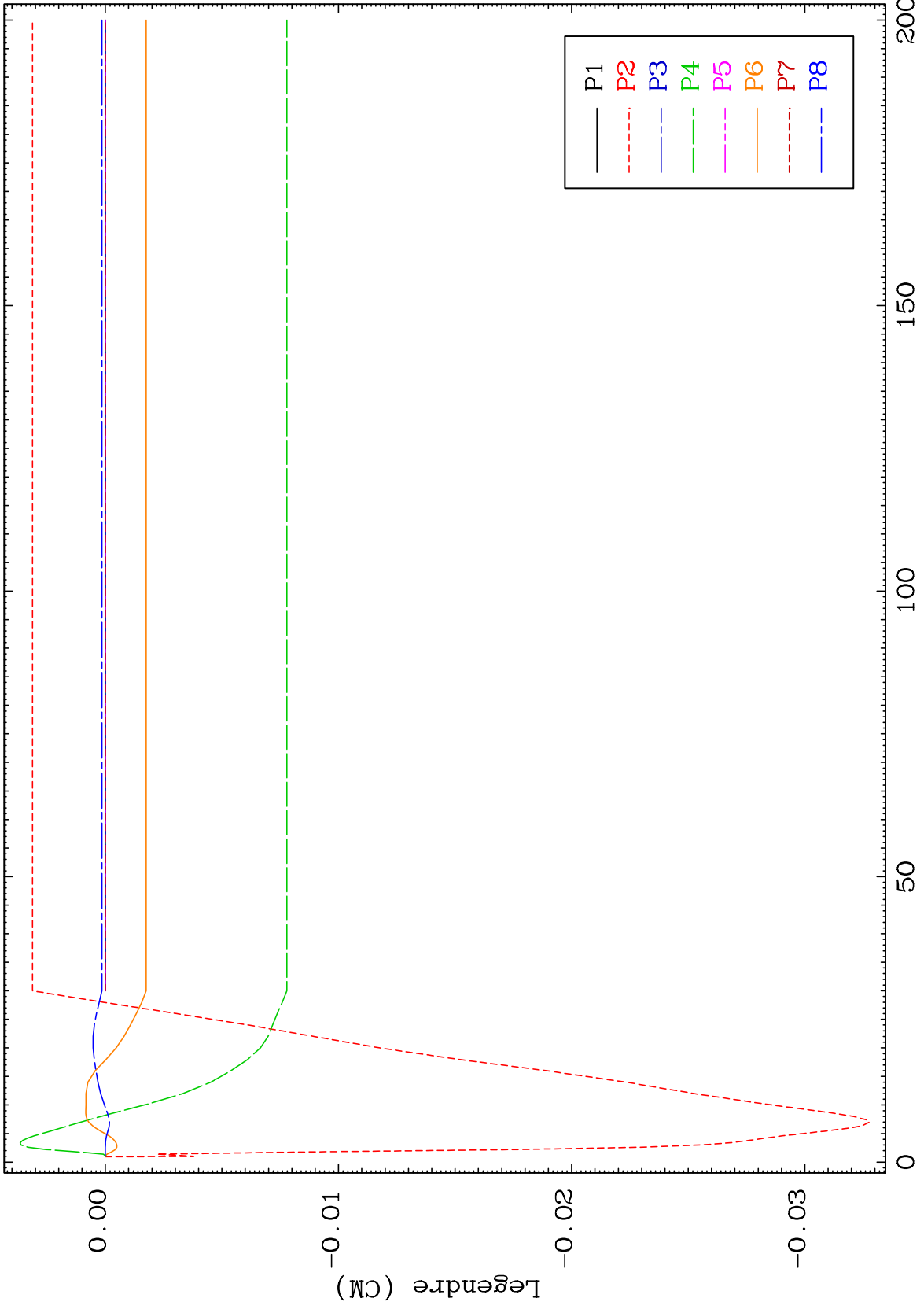


53

Incident Energy (MeV)

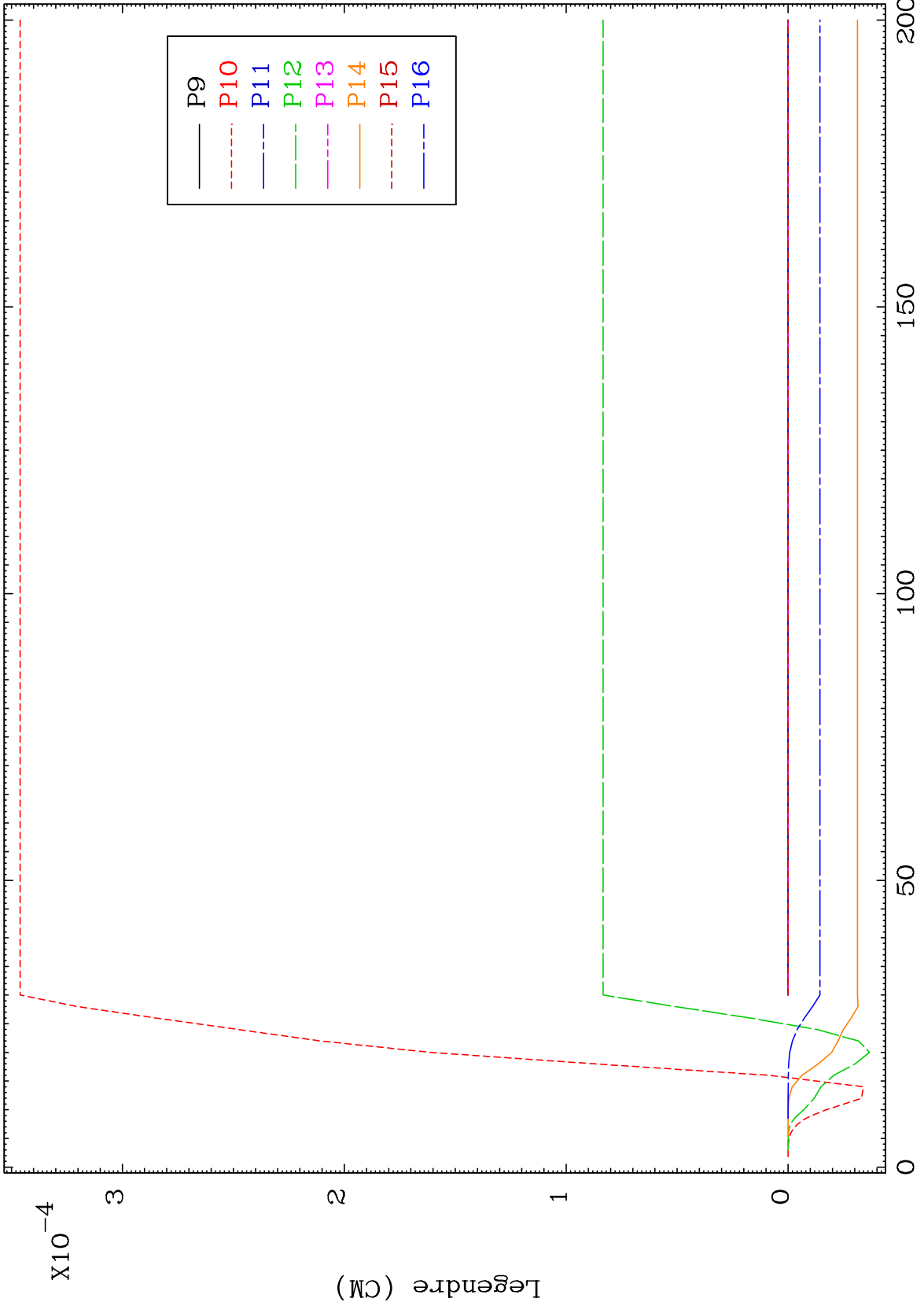
43-Tc-94

MAT 4310 MT= 61 (n,n') Level Legendre Coefficients 43-Tc-94



54 43-Tc-94

MAT 4310 MT= 61 (n,n') Level Legendre Coefficients 43-Tc-94

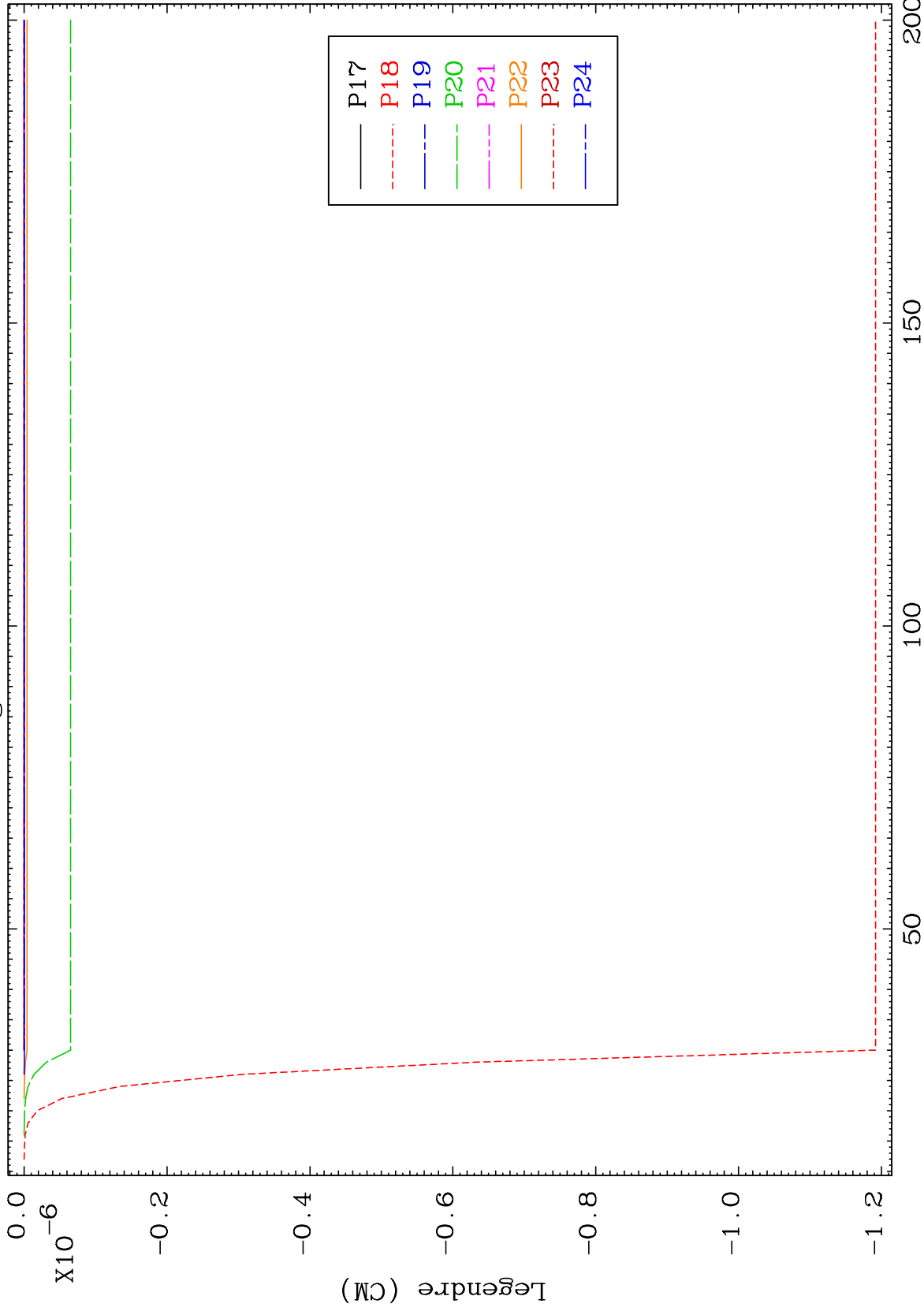


55 Incident Energy (MeV) 43-Tc-94

MAT 4310

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

43-Tc-94



56

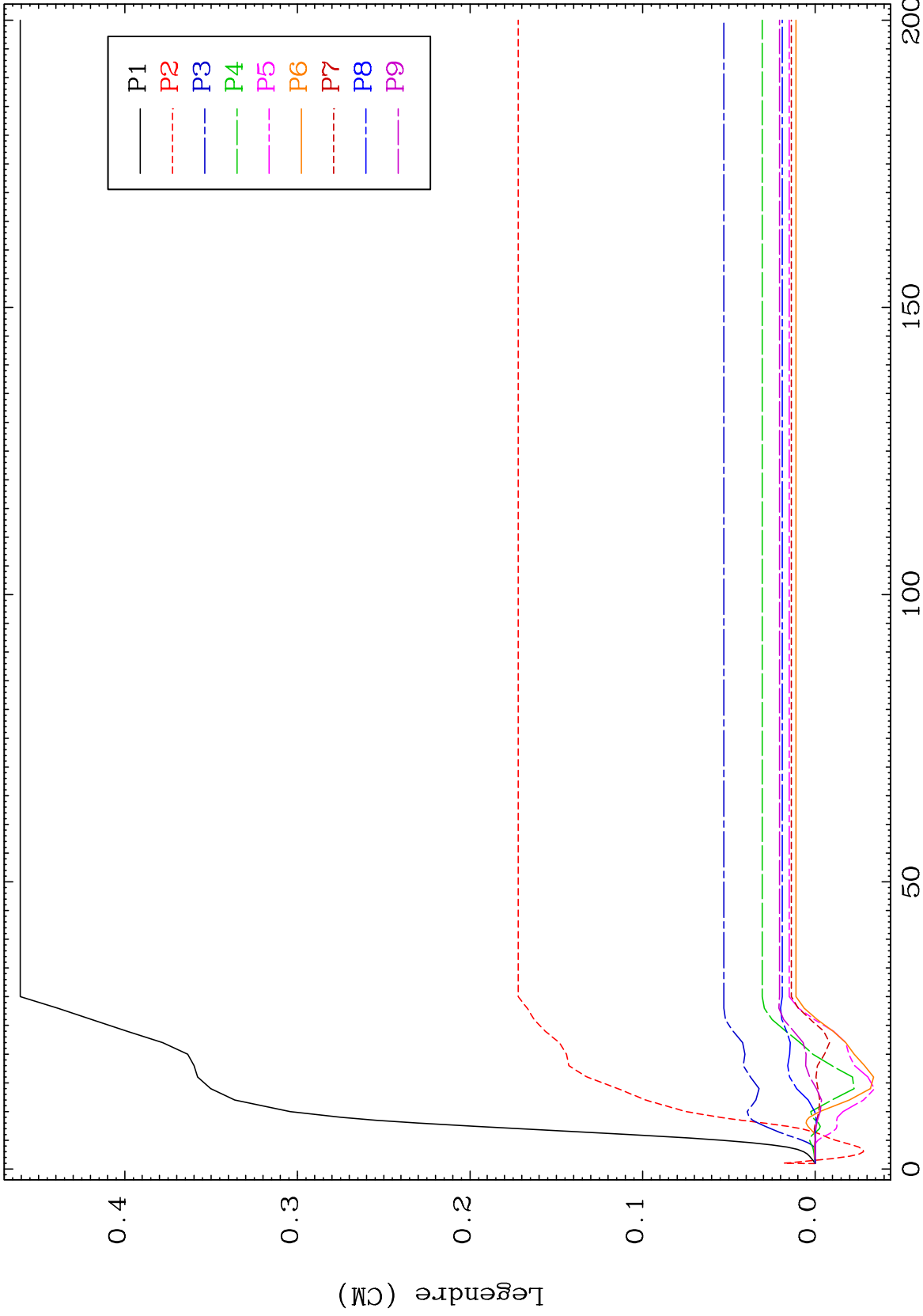
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94

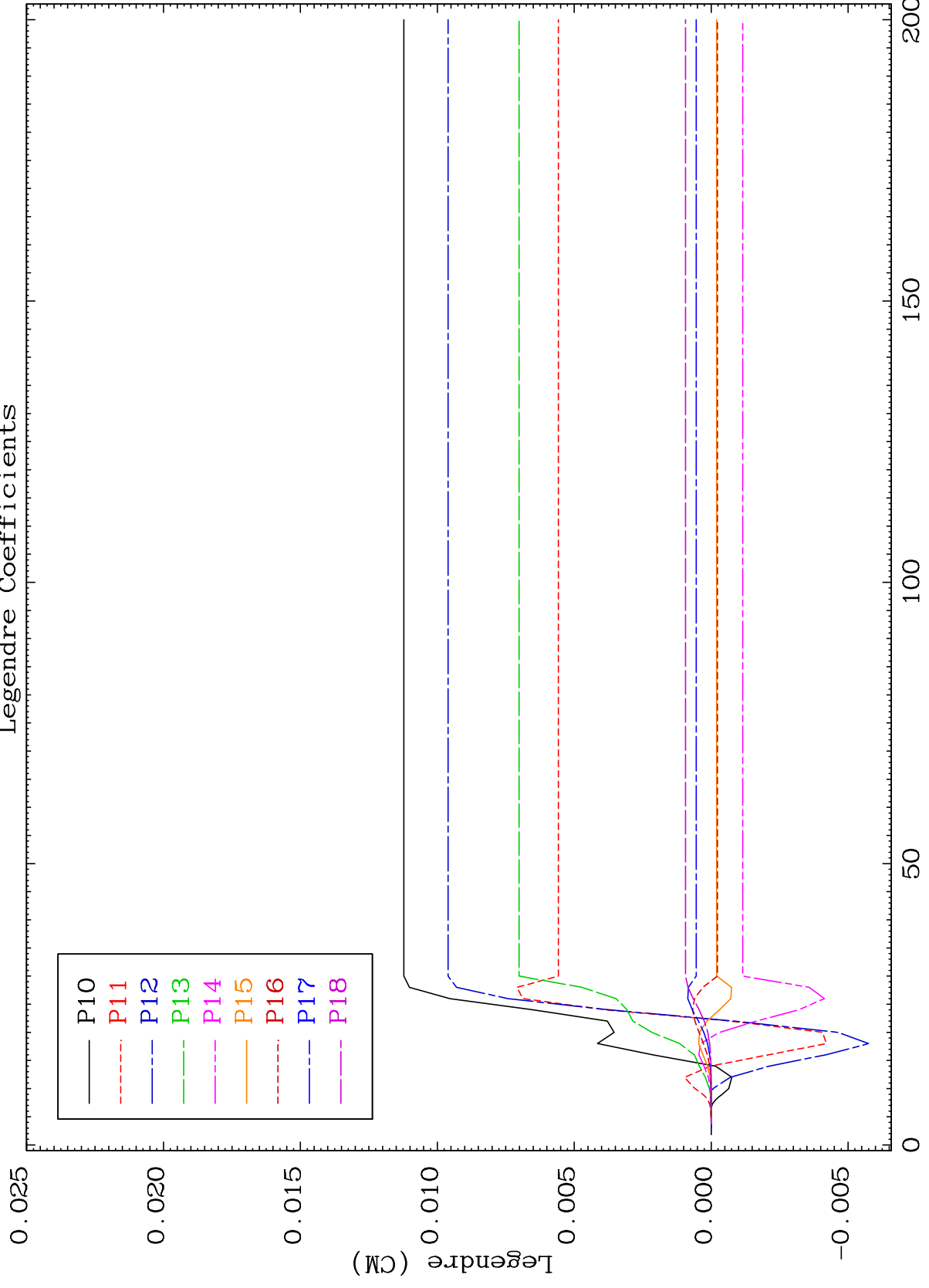


57

Incident Energy (MeV)

43-Tc-94

MAT 4310 MT= 62 (n,n') Level Legendre Coefficients 43-Tc-94



43-Tc-94

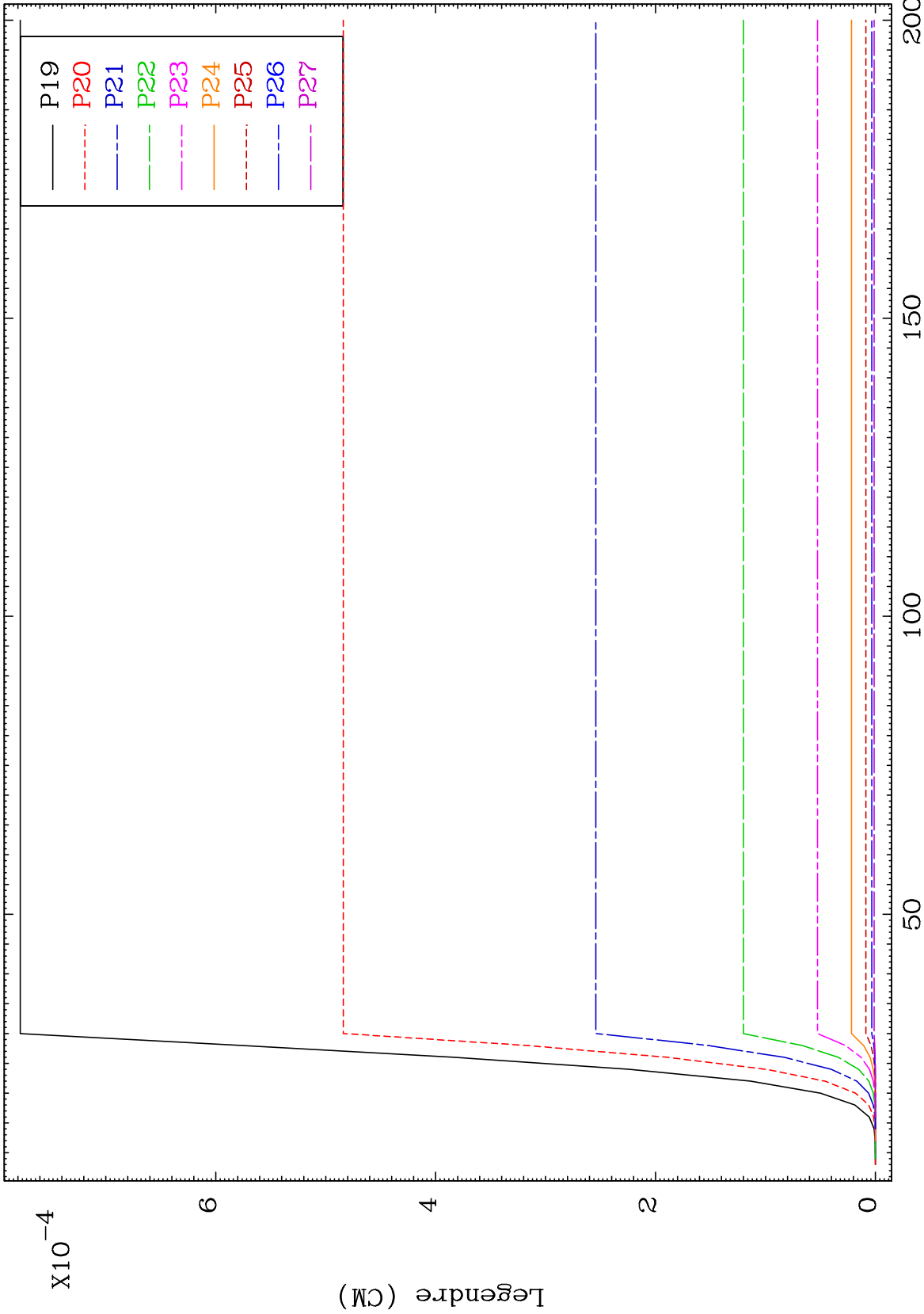
Incident Energy (MeV)

58

MAT 4310

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

43-Tc-94



59

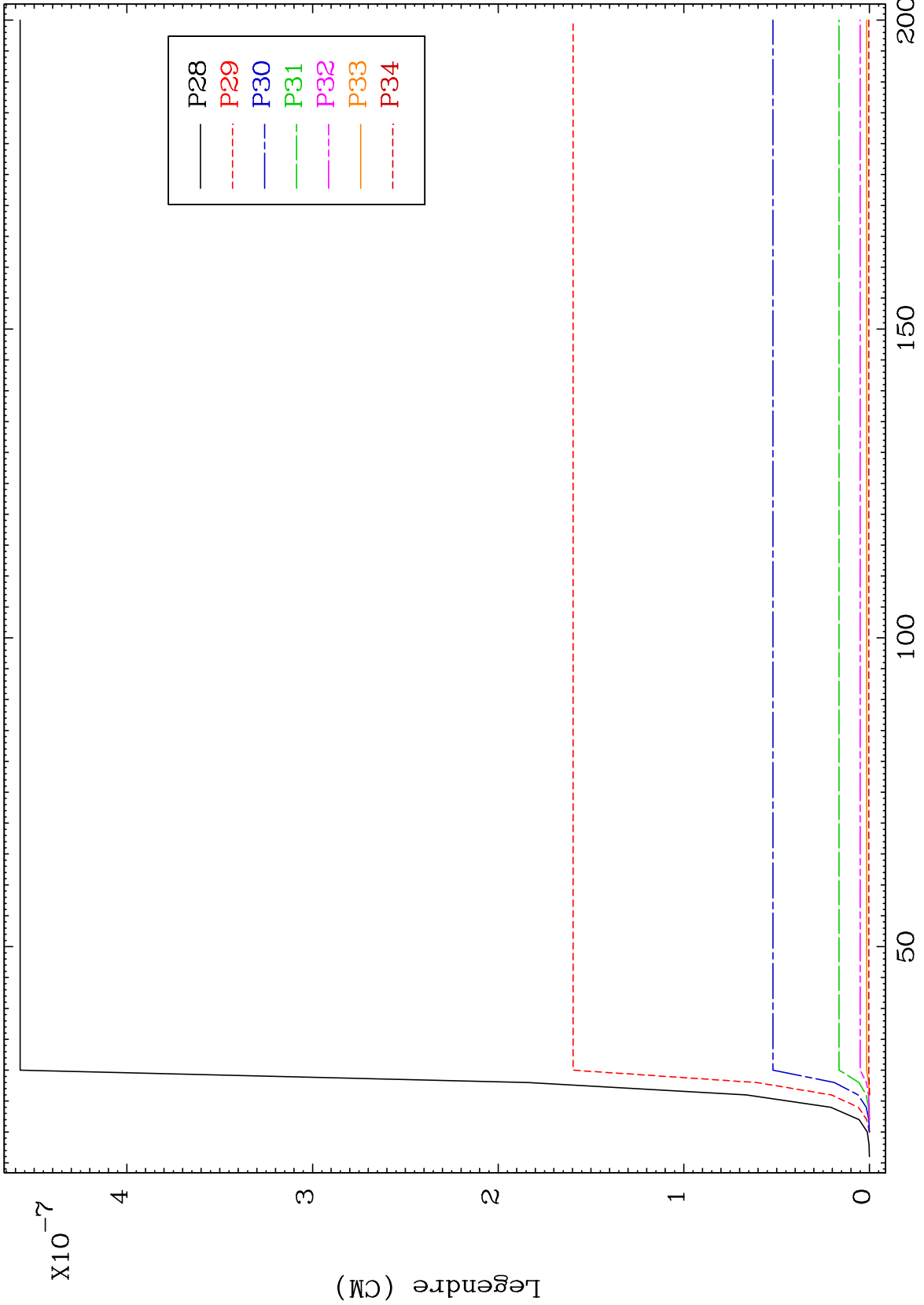
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



60

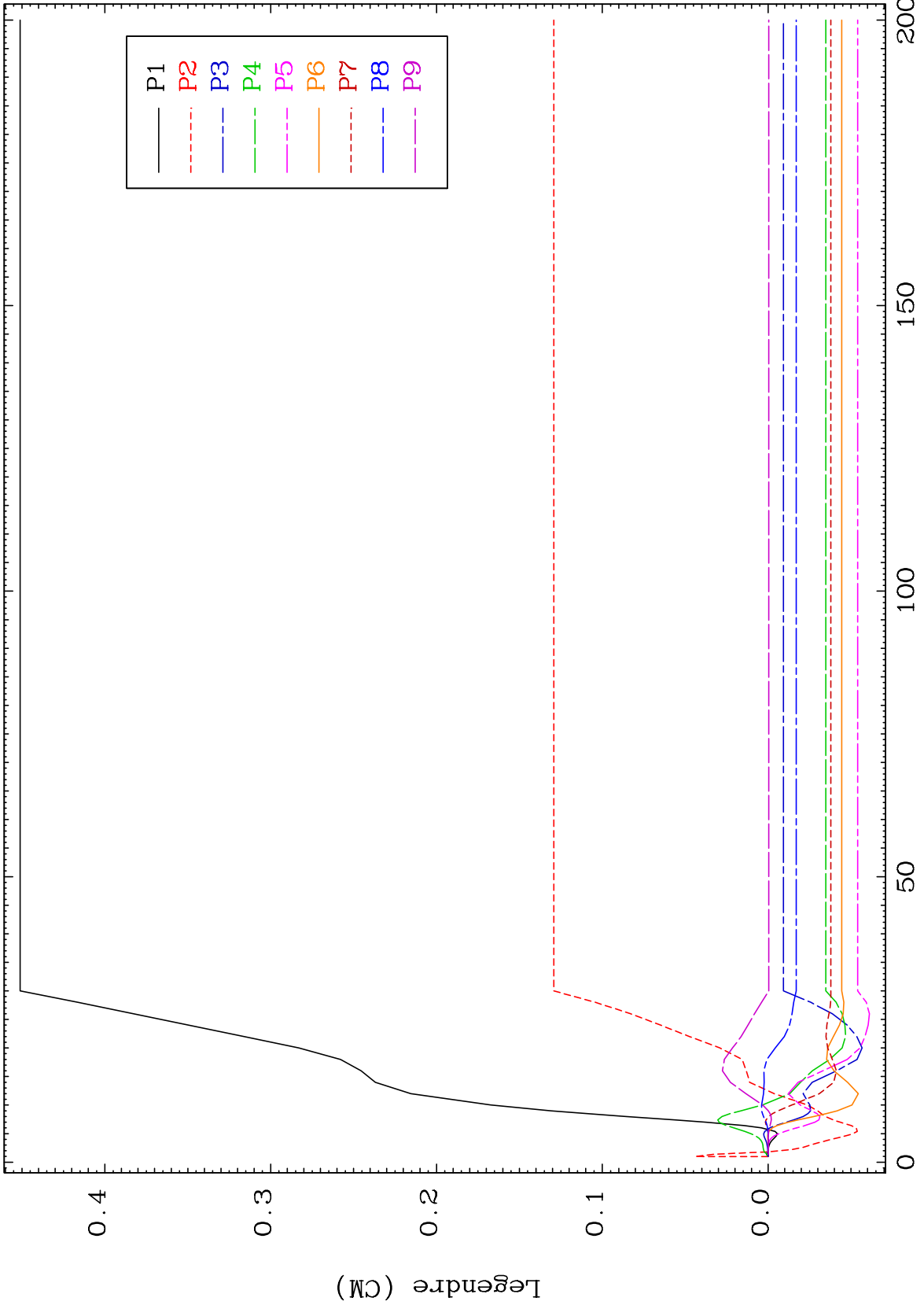
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



61

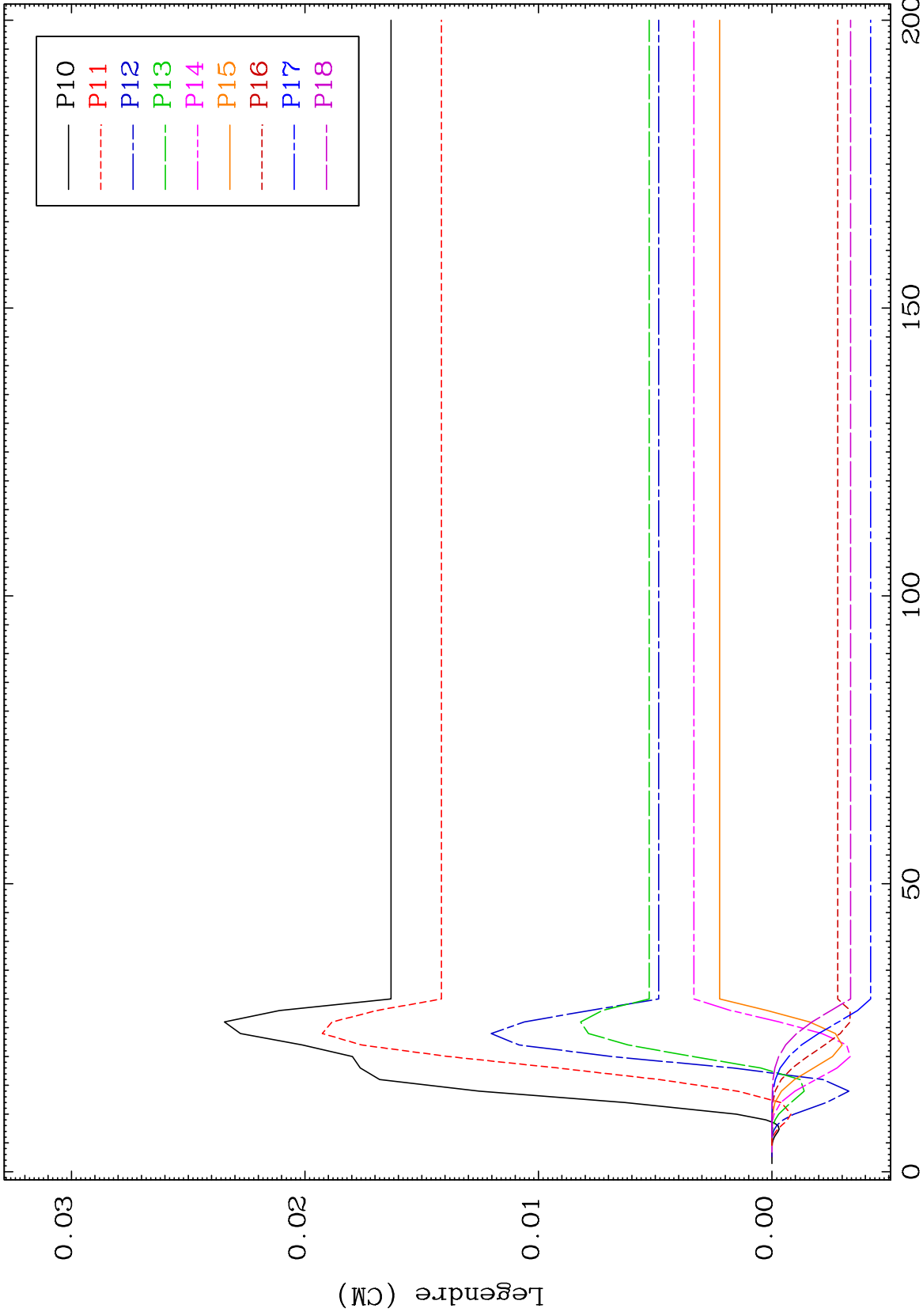
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



62

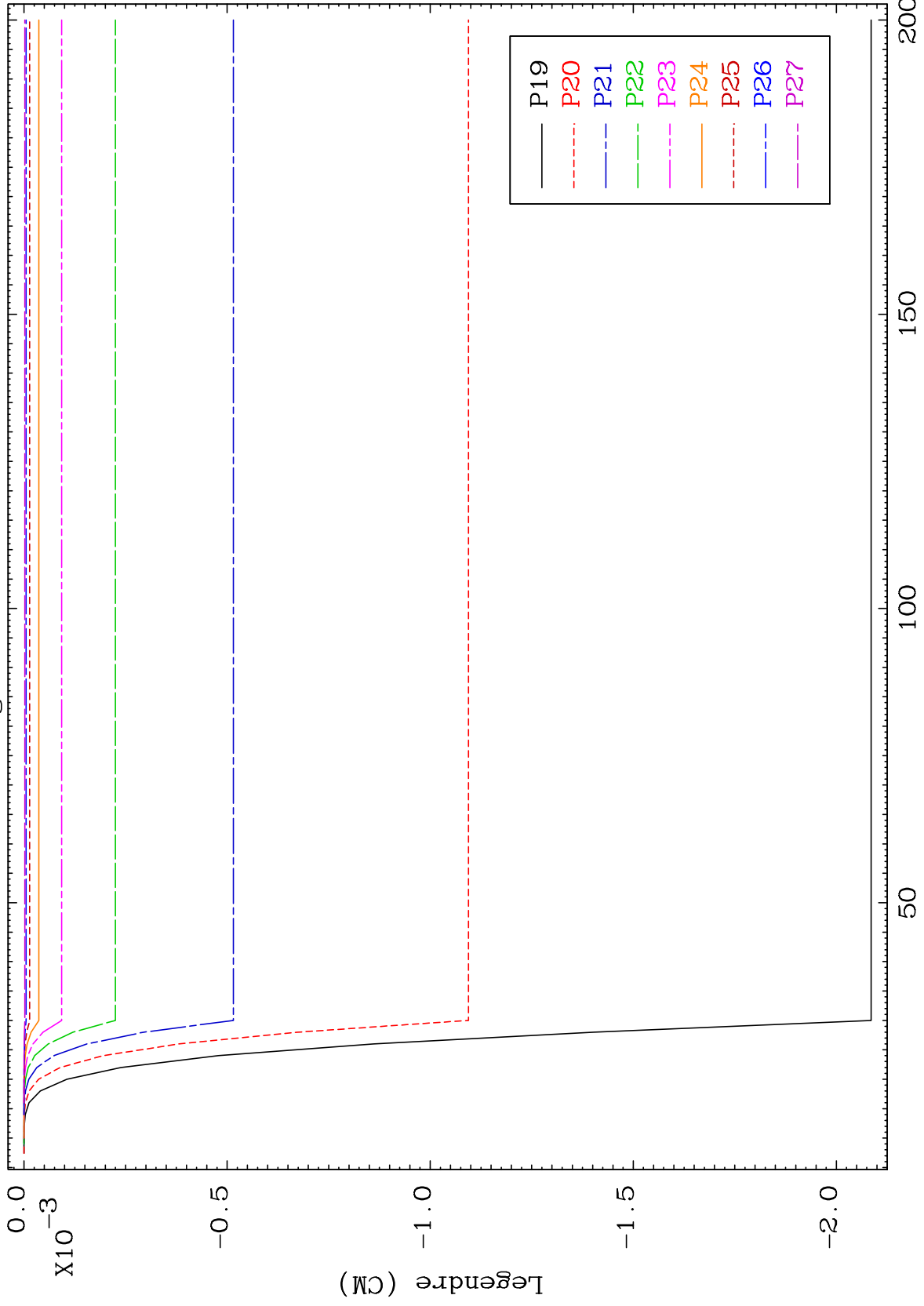
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94

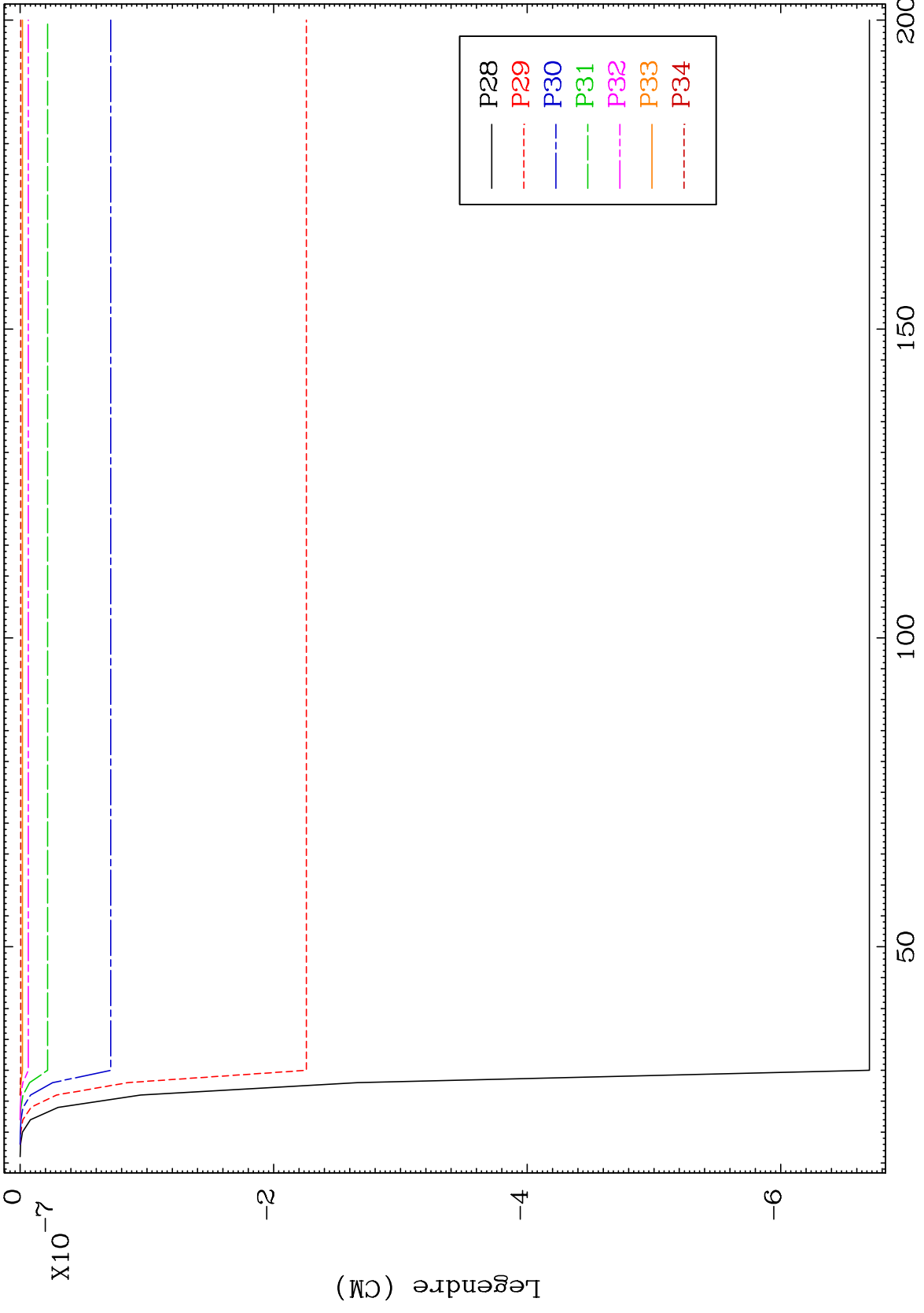


63

Incident Energy (MeV)

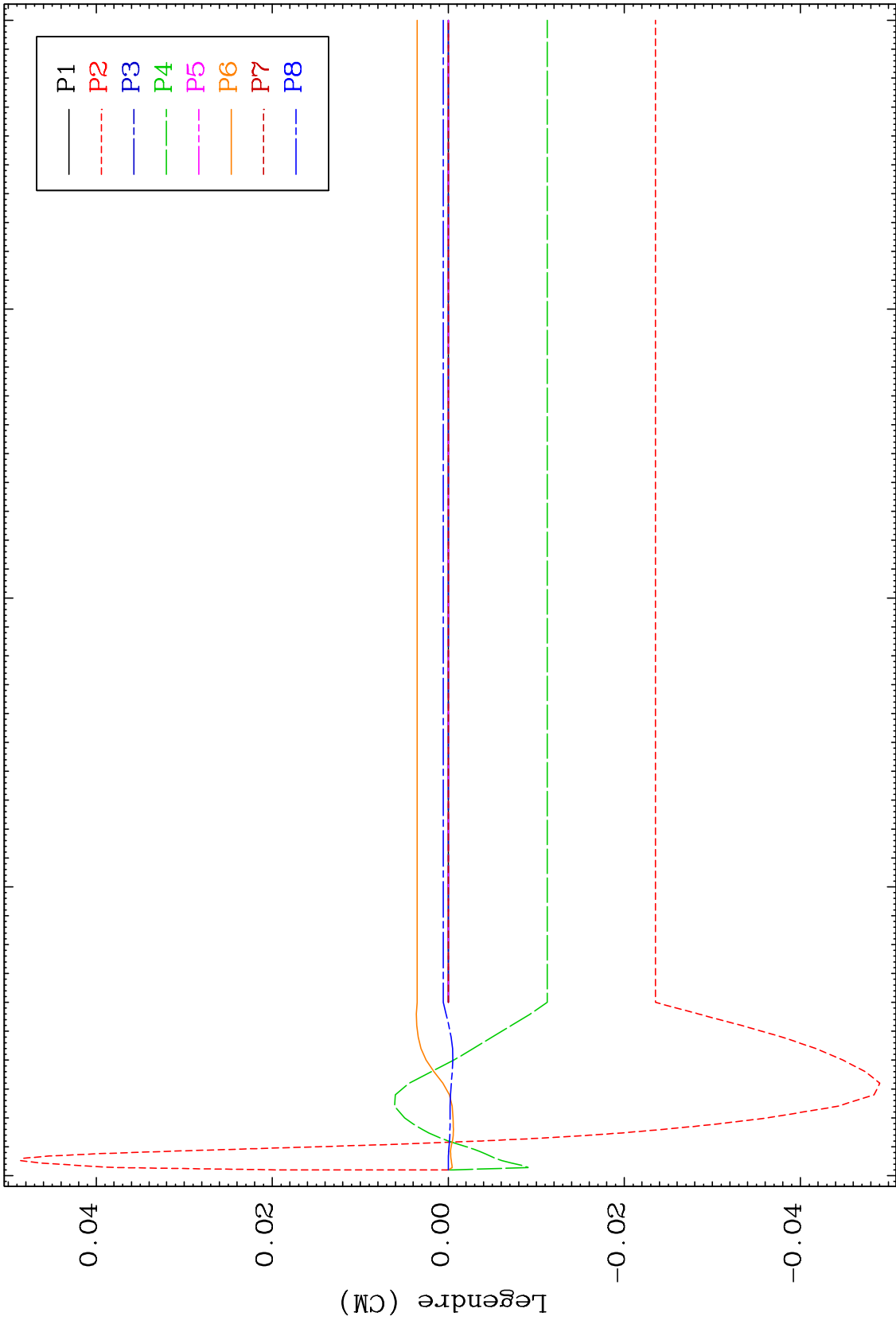
43-Tc-94

MAT 4310 MT= 63 (n,n') Level Legendre Coefficients 43-Tc-94



64 43-Tc-94

MAT 4310 MT= 64 (n,n') Level Legendre Coefficients 43-Tc-94

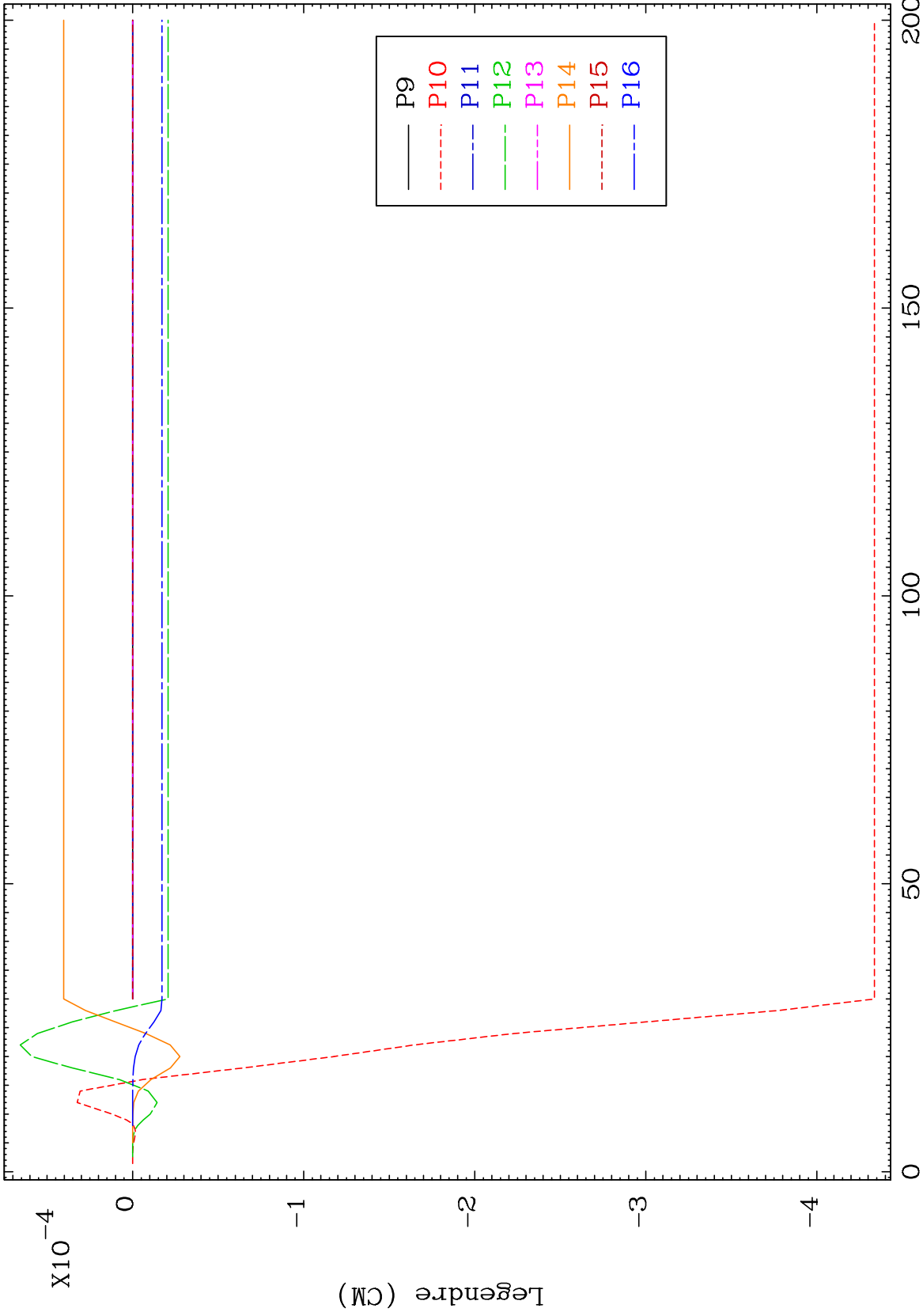


65 Incident Energy (MeV) 43-Tc-94

MAT 4310

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

43-Tc-94



66

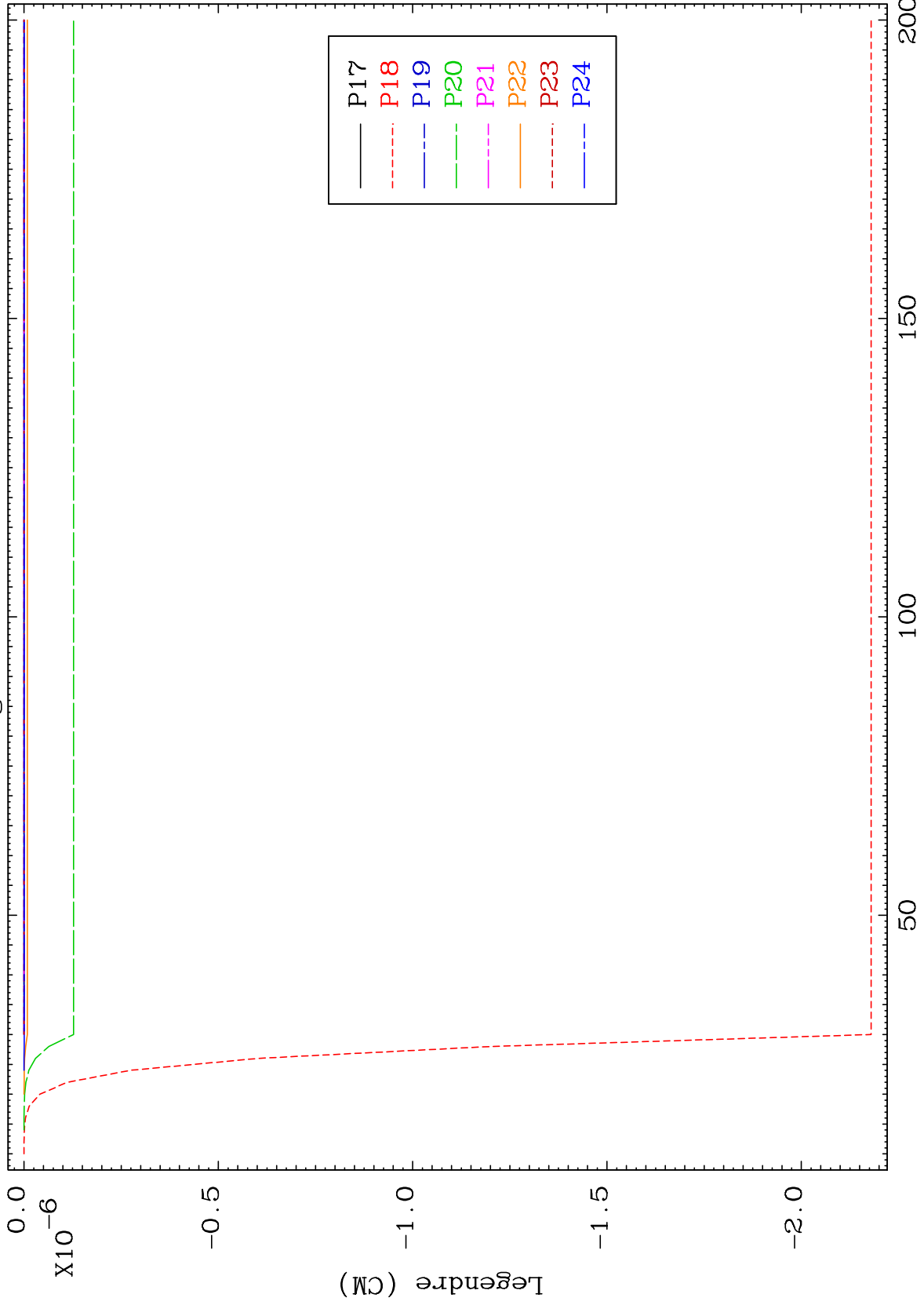
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94

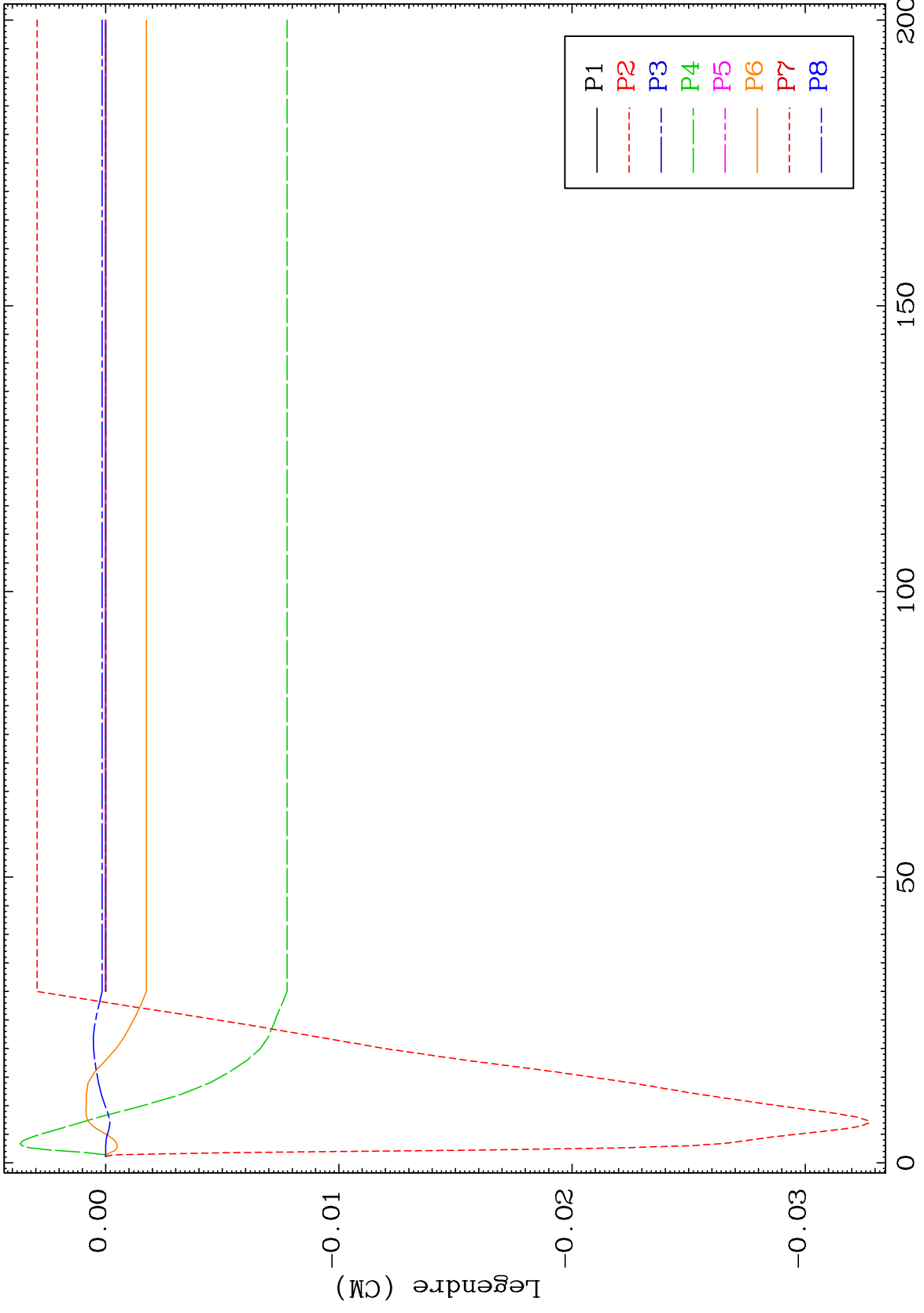


67

Incident Energy (MeV)

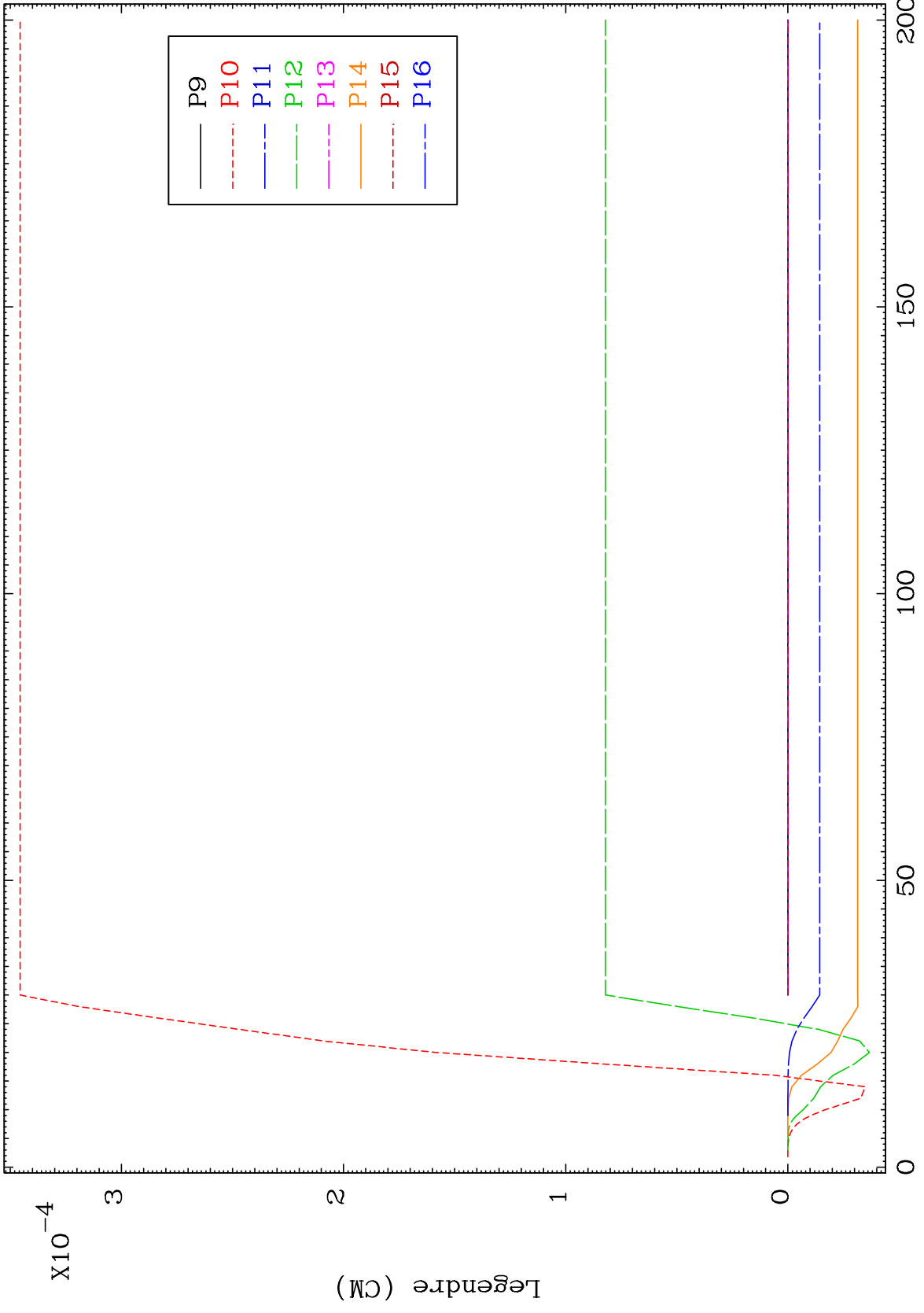
43-Tc-94

MAT 4310 MT= 65 (n,n') Level Legendre Coefficients 43-Tc-94



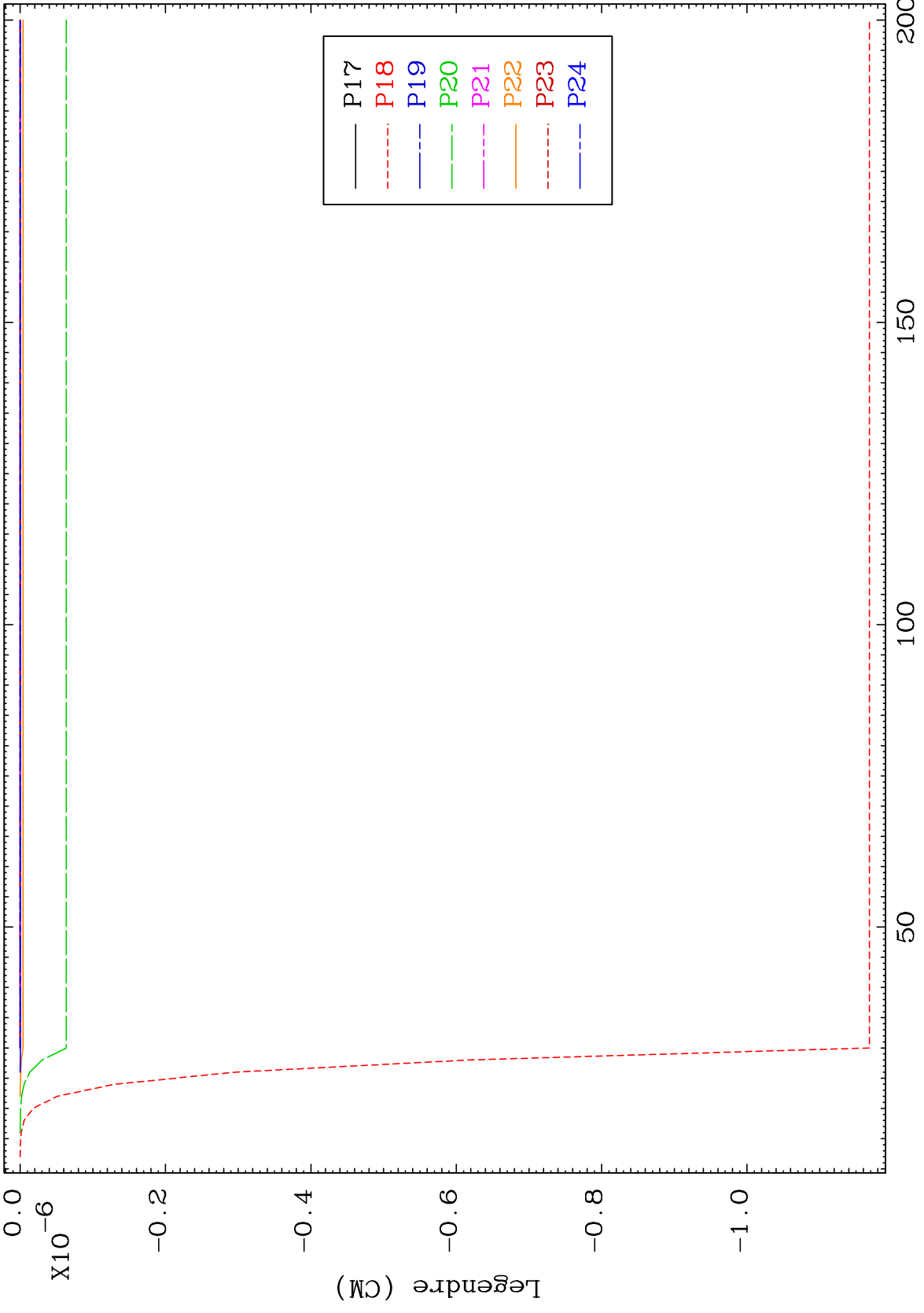
68 43-Tc-94

MAT 4310 MT= 65 (n,n') Level Legendre Coefficients 43-Tc-94



69 43-Tc-94

MAT 4310 MT= 65 (n,n') Level Legendre Coefficients 43-Tc-94

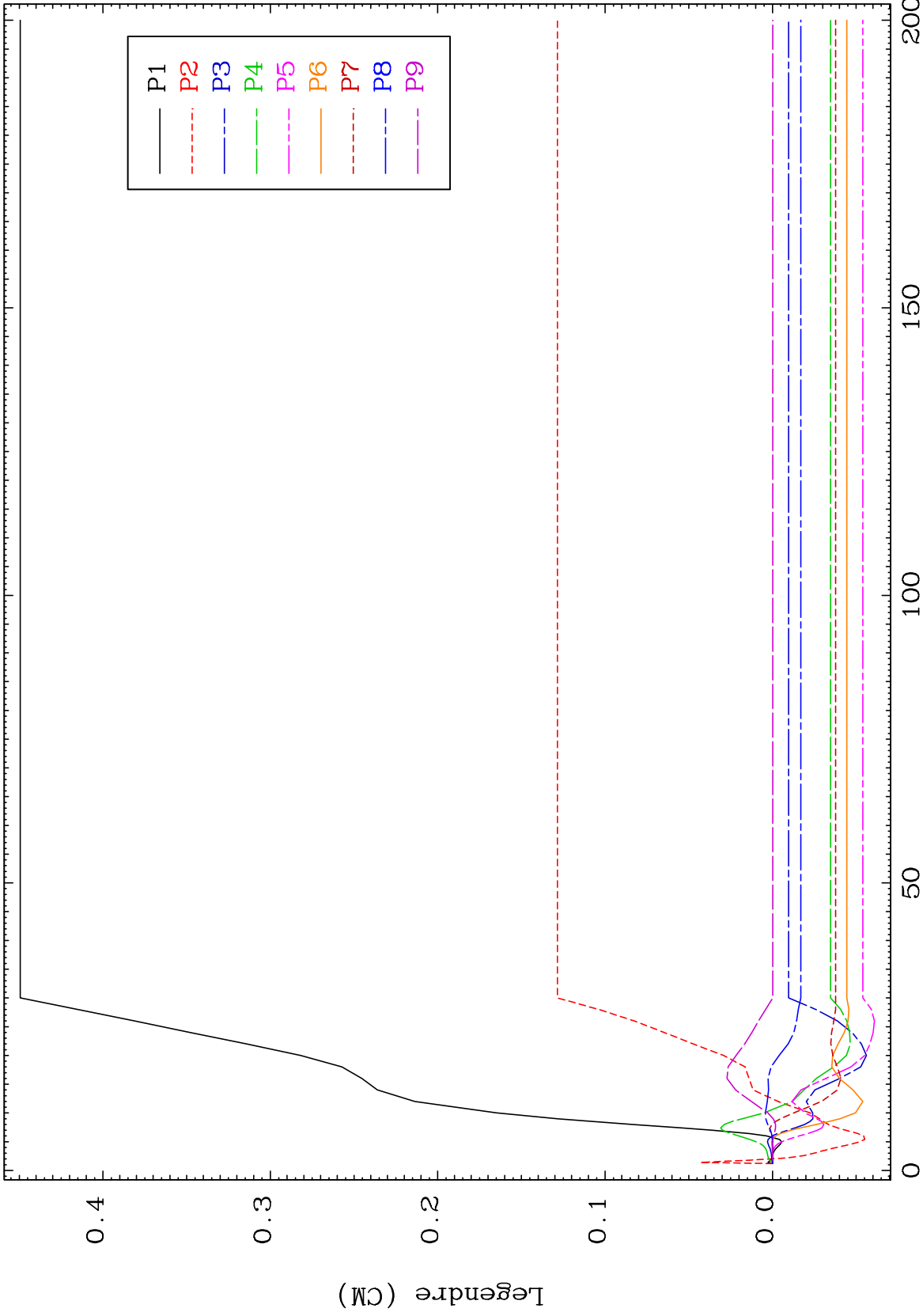


70 Incident Energy (MeV) 43-Tc-94

MAT 4310

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

43-Tc-94



71

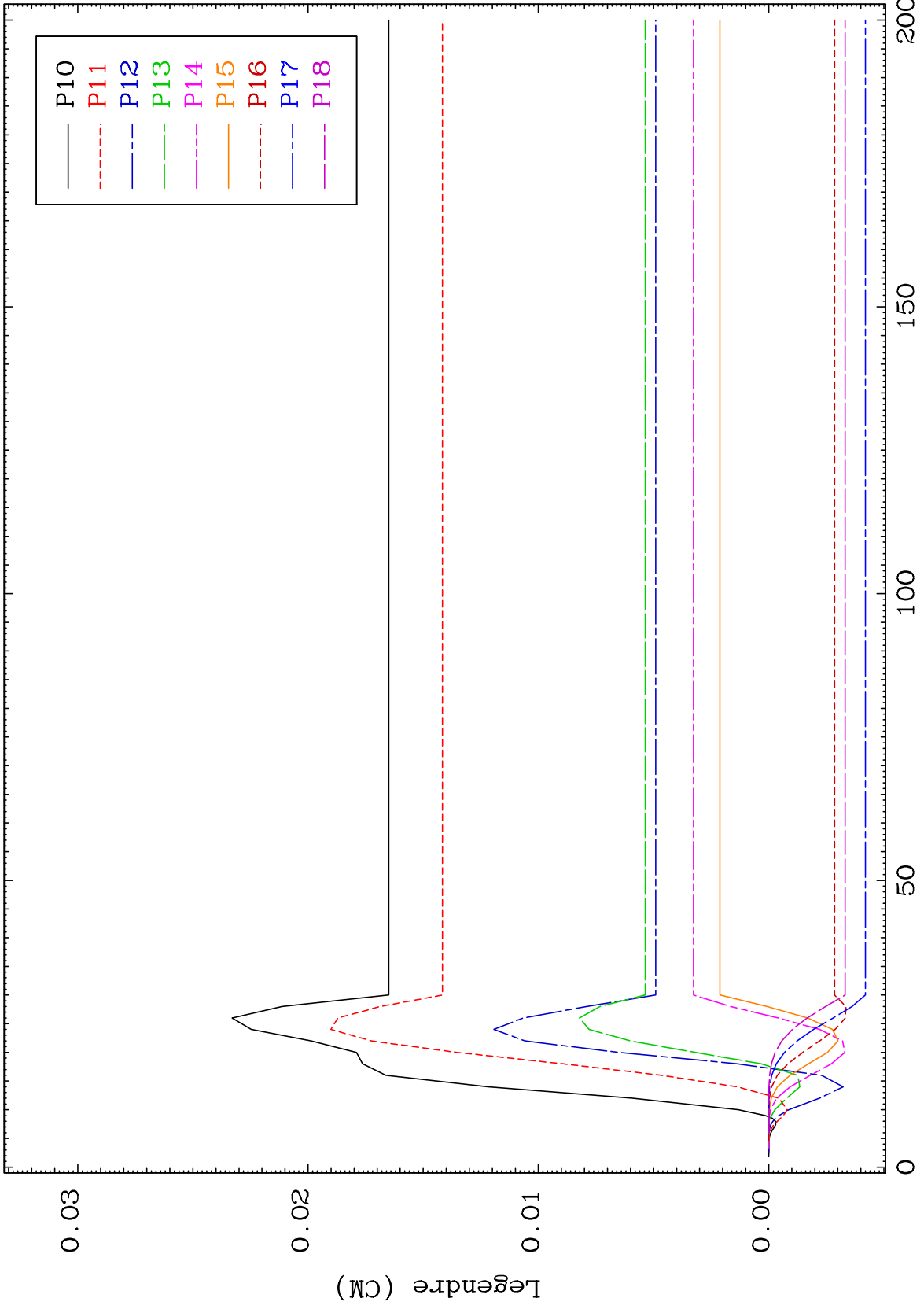
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94

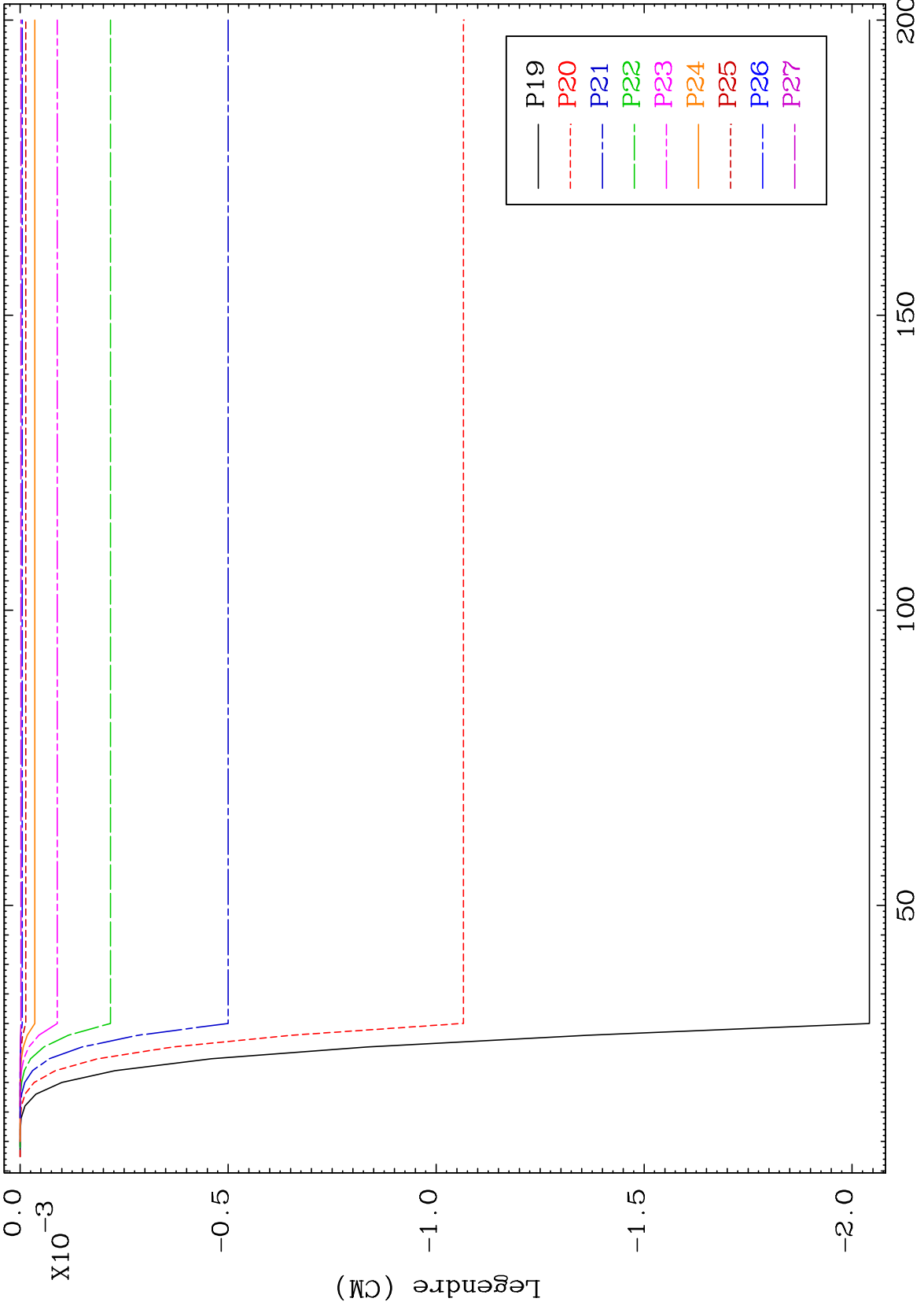


72

Incident Energy (MeV)

43-Tc-94

MAT 4310 MT= 66 (n,n') Level Legendre Coefficients 43-Tc-94

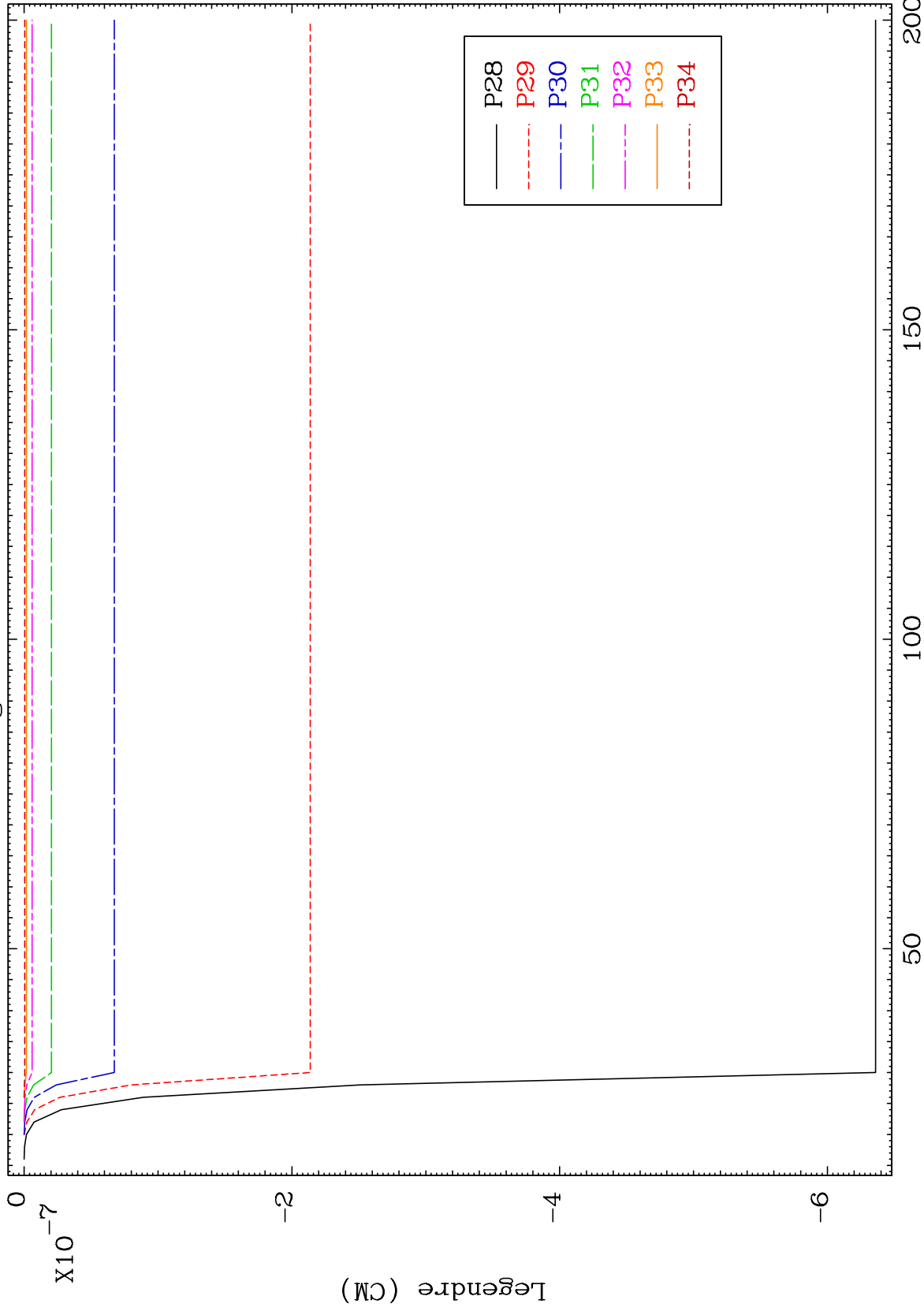


73 Incident Energy (MeV) 43-Tc-94

MAT 4310

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

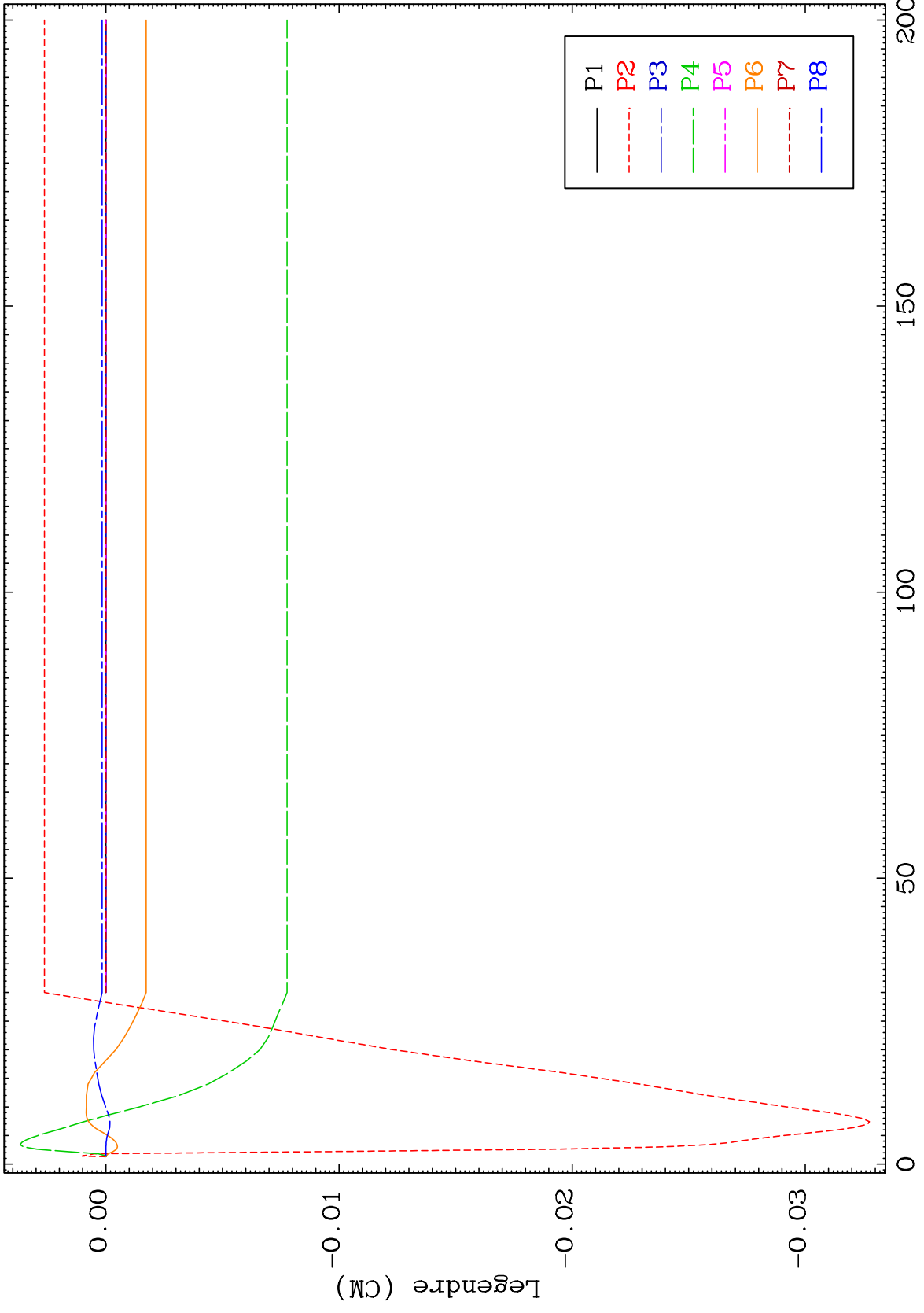
43-Tc-94



74

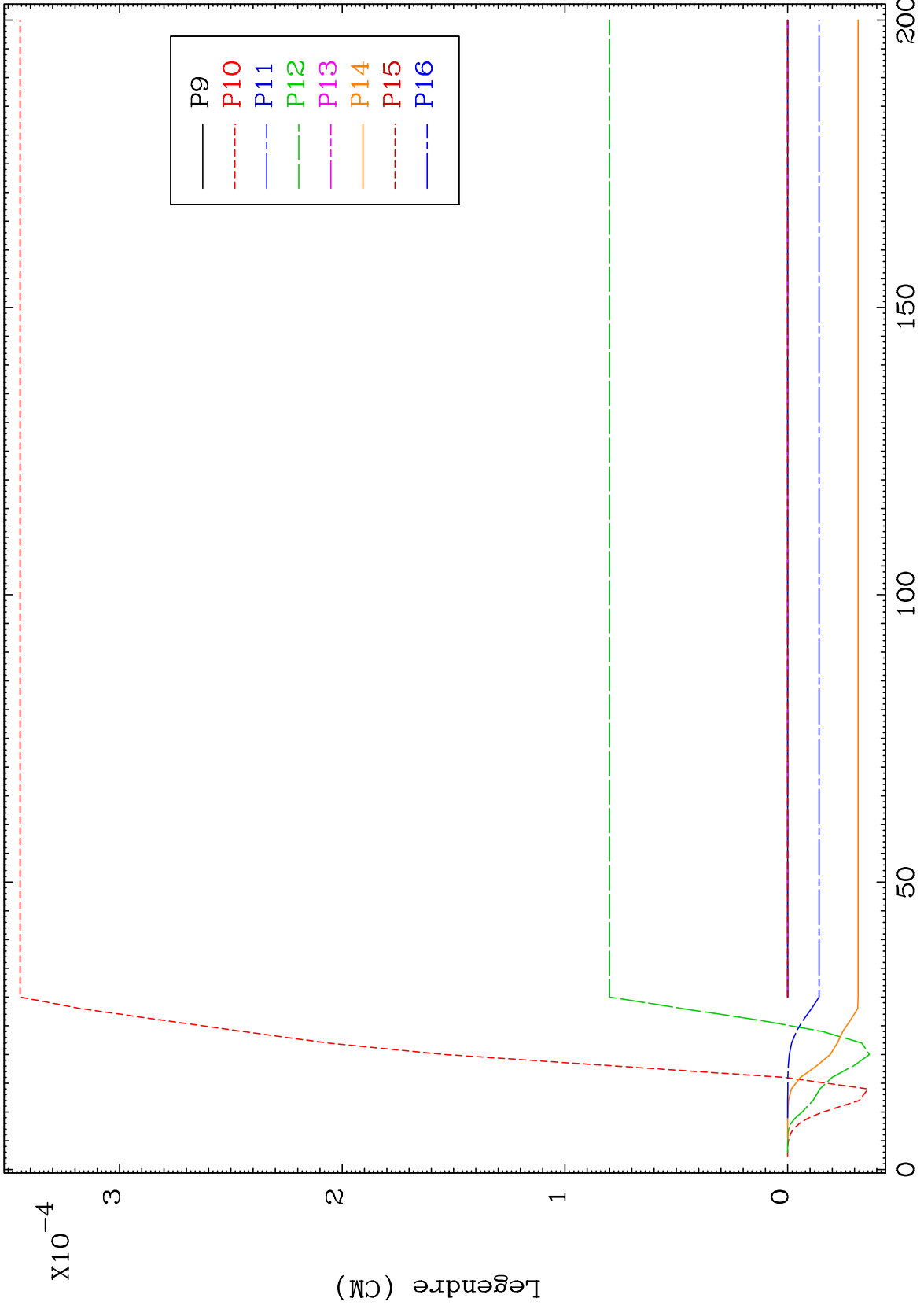
43-Tc-94

MAT 4310 MT= 67 (n,n') Level Legendre Coefficients 43-Tc-94



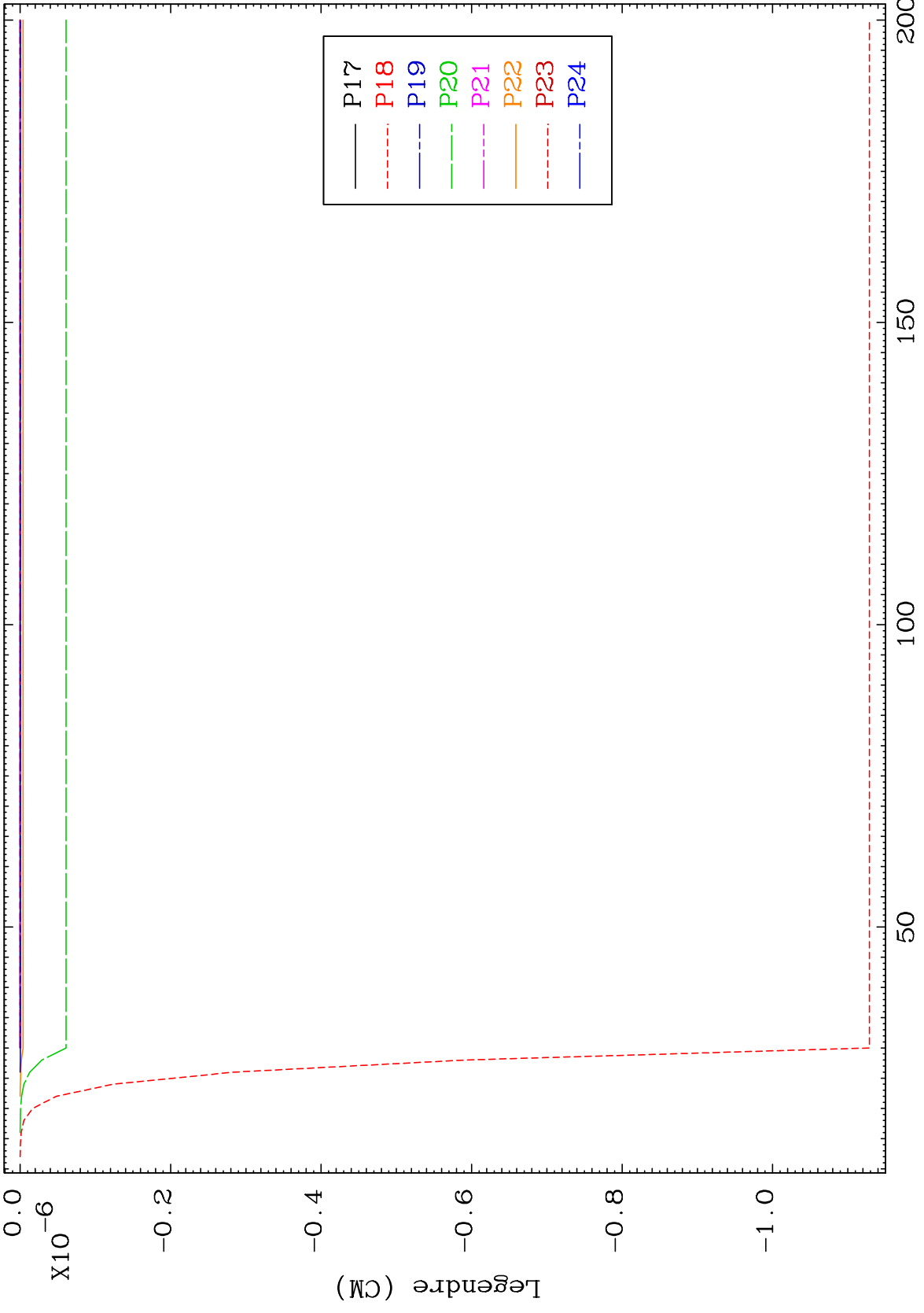
75 43-Tc-94

MAT 4310 MT= 67 (n,n') Level Legendre Coefficients 43-Tc-94



76 Incident Energy (MeV) 43-Tc-94

MAT 4310 MT= 67 (n,n') Level Legendre Coefficients 43-Tc-94

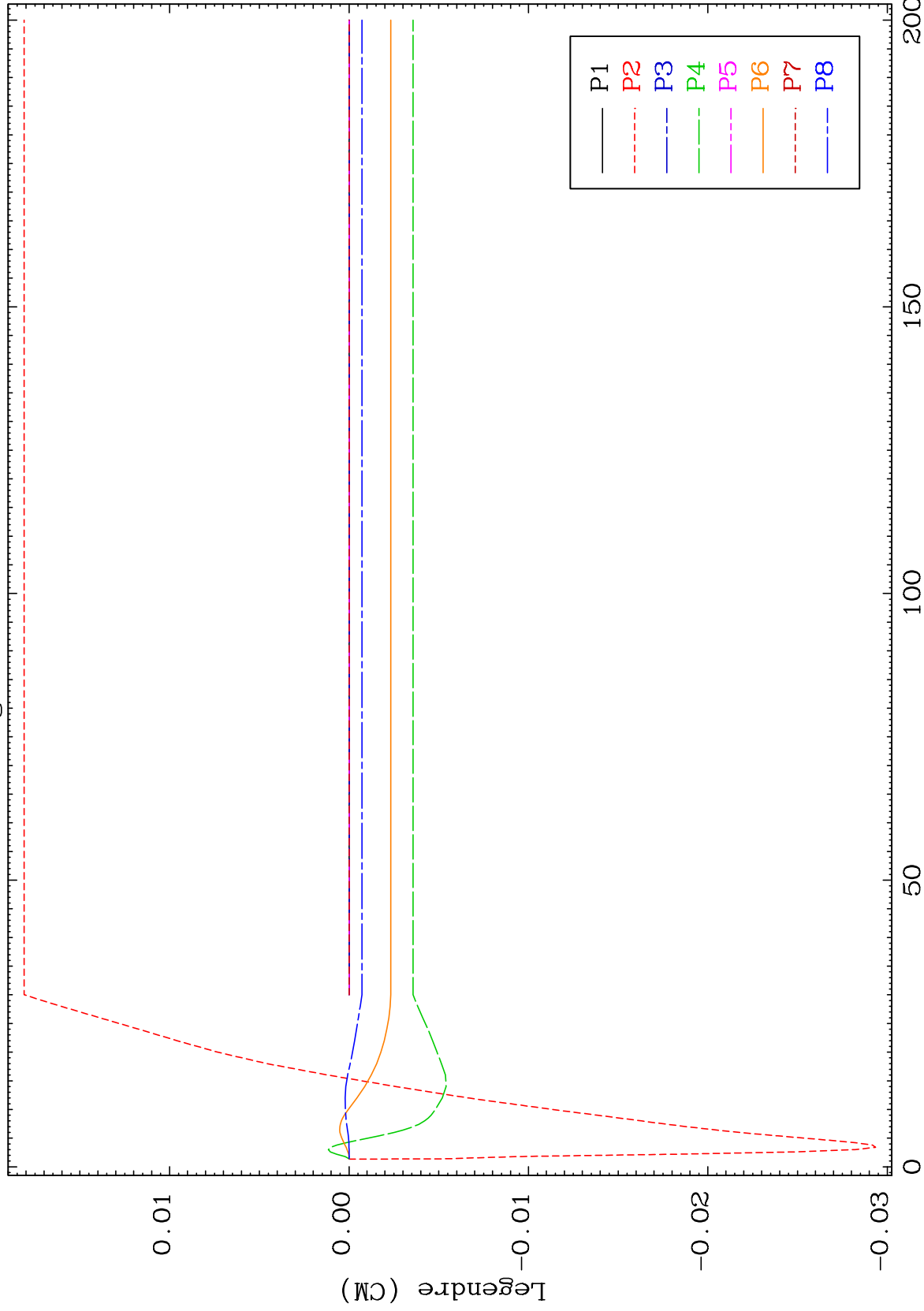


77 43-Tc-94

MAT 4310

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

43-Tc-94



78

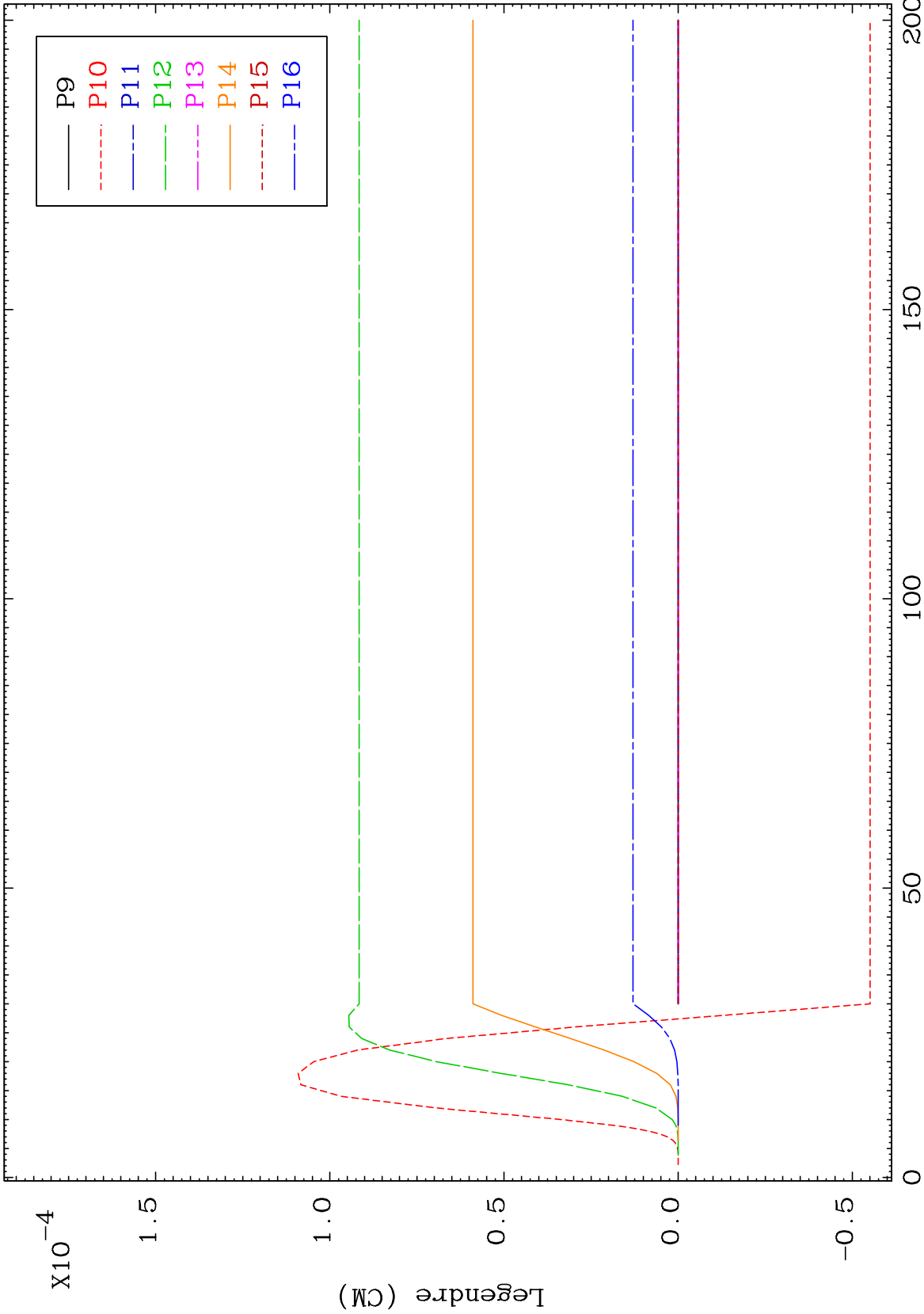
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94

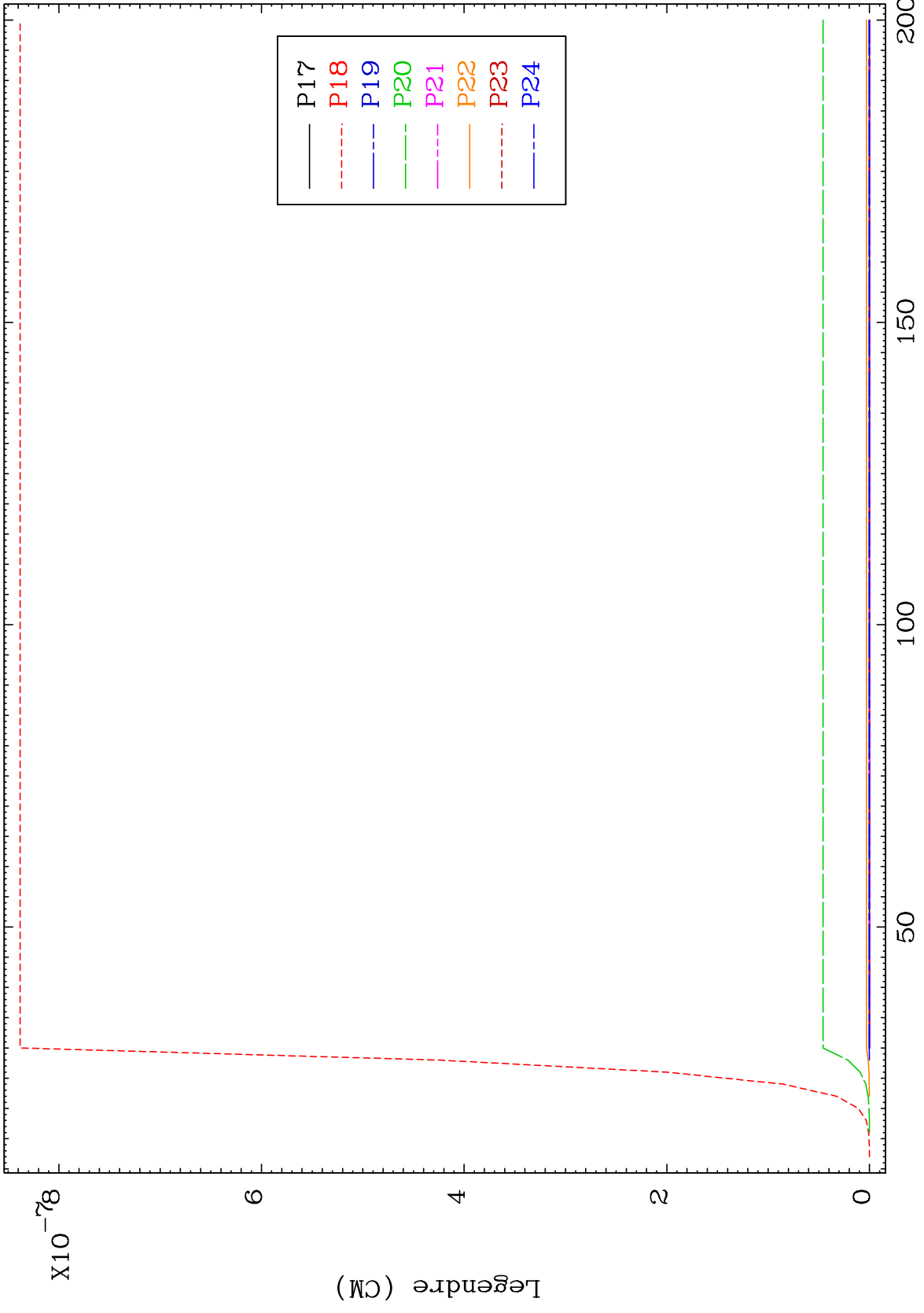


79

Incident Energy (MeV)

43-Tc-94

MAT 4310 MT= 68 (n,n') Level Legendre Coefficients 43-Tc-94

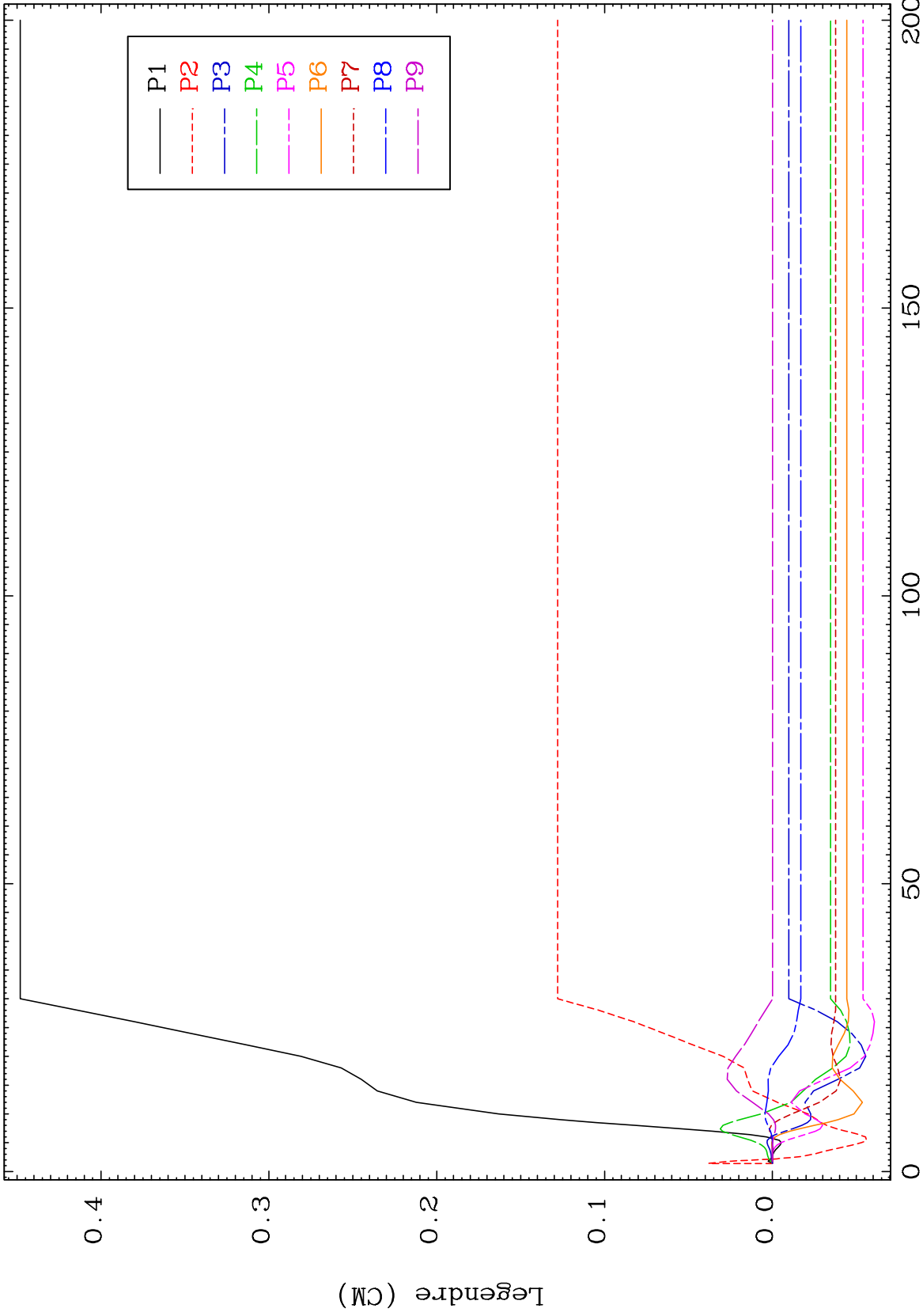


80 50 100 150 200 Incident Energy (MeV) 43-Tc-94

MAT 4310

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

43-Tc-94



81

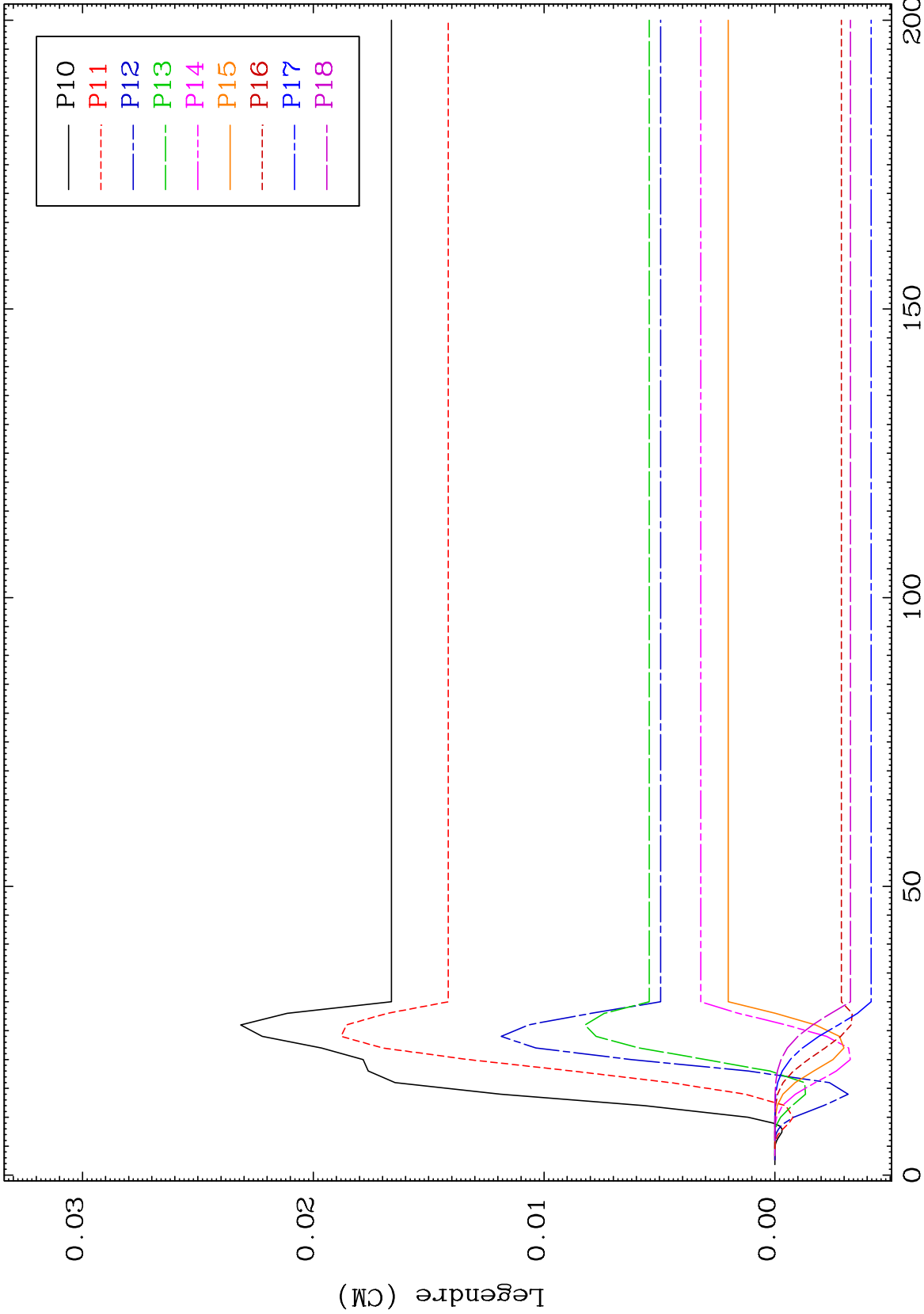
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

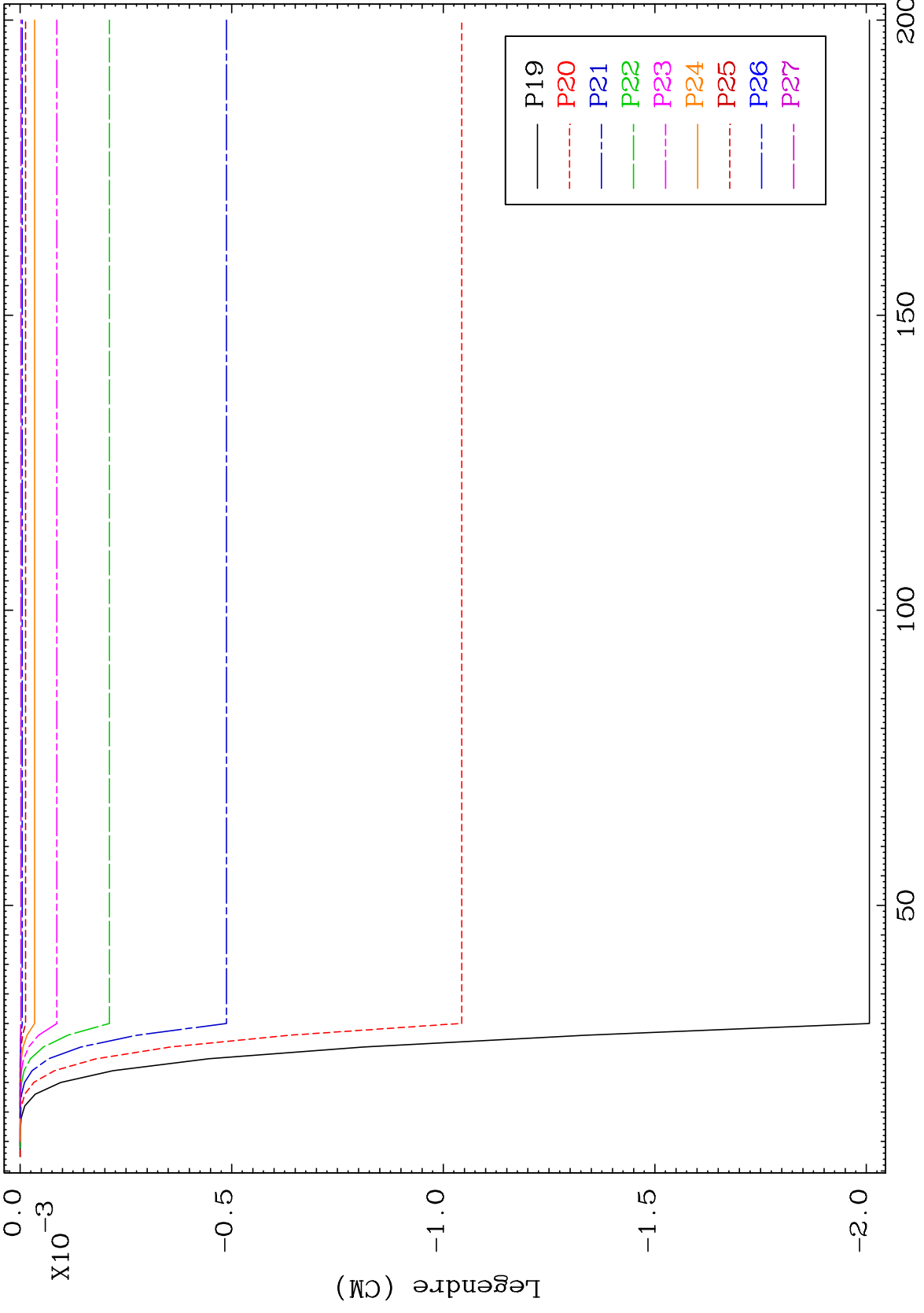
43-Tc-94



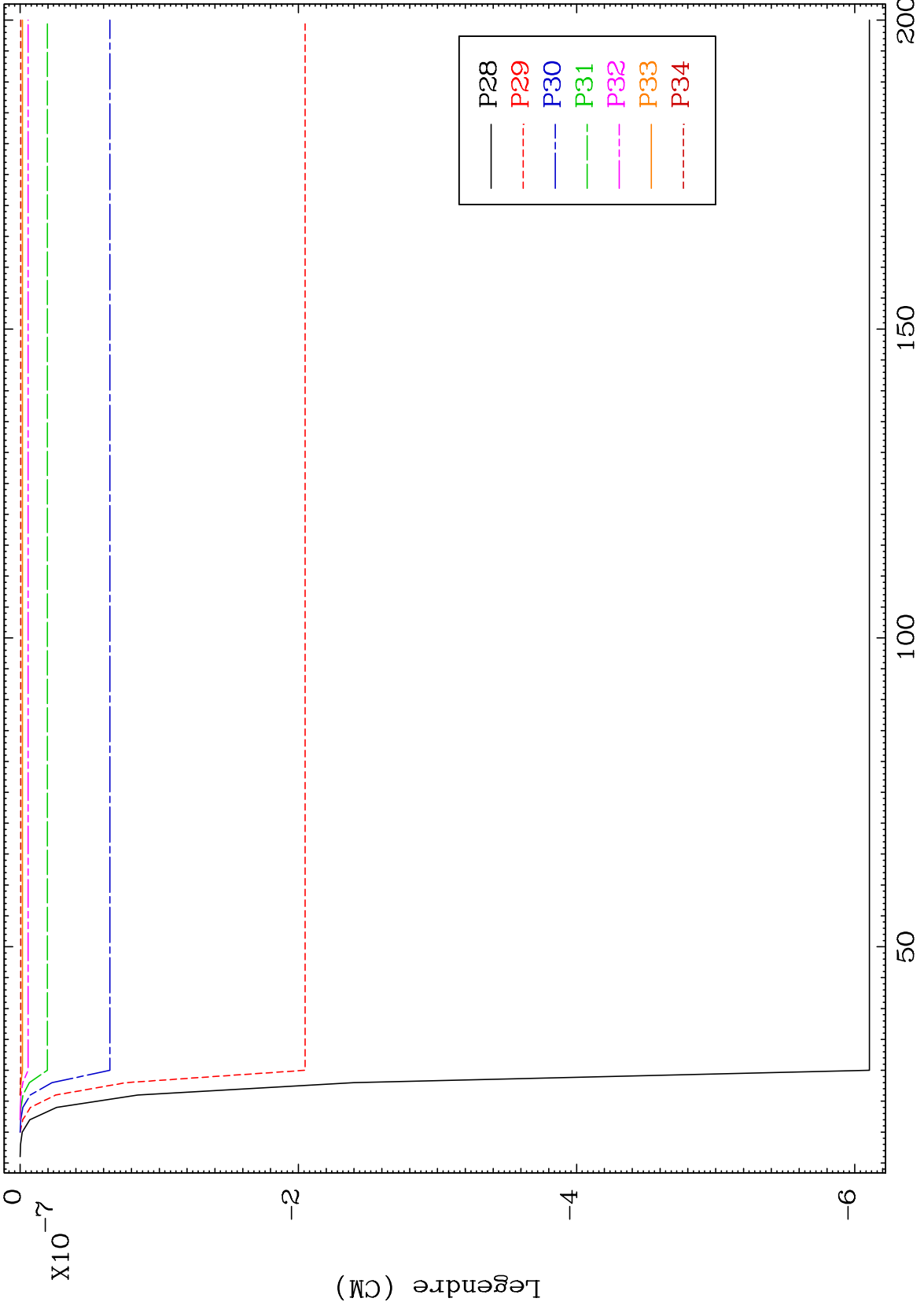
82

Incident Energy (MeV)

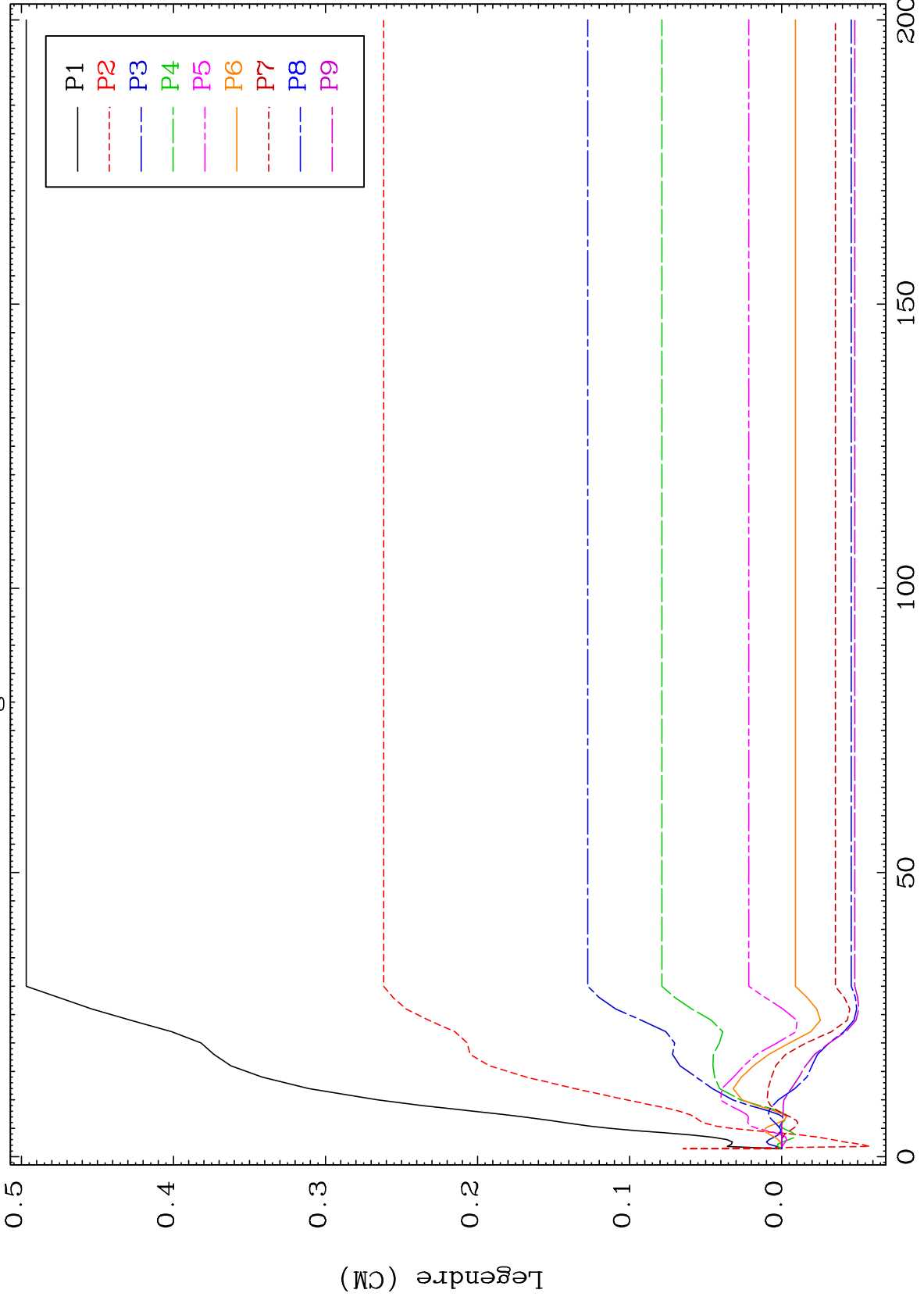
43-Tc-94



MAT 4310 MT= 69 (n,n') Level Legendre Coefficients 43-Tc-94



MAT 4310 MT= 70 (n,n') Level Legendre Coefficients 43-Tc-94

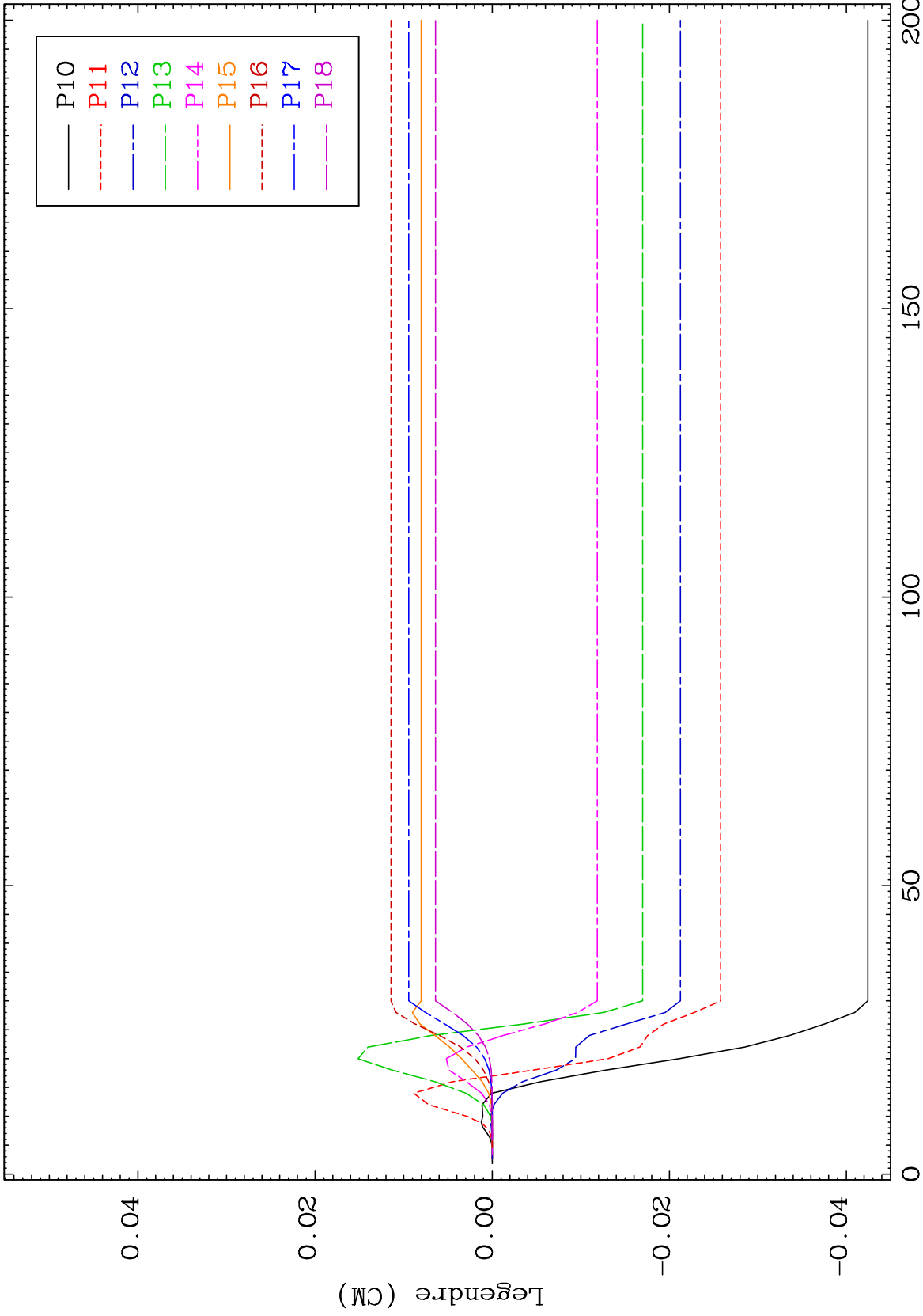


85 Incident Energy (MeV) 43-Tc-94

MAT 4310

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

43-Tc-94



86

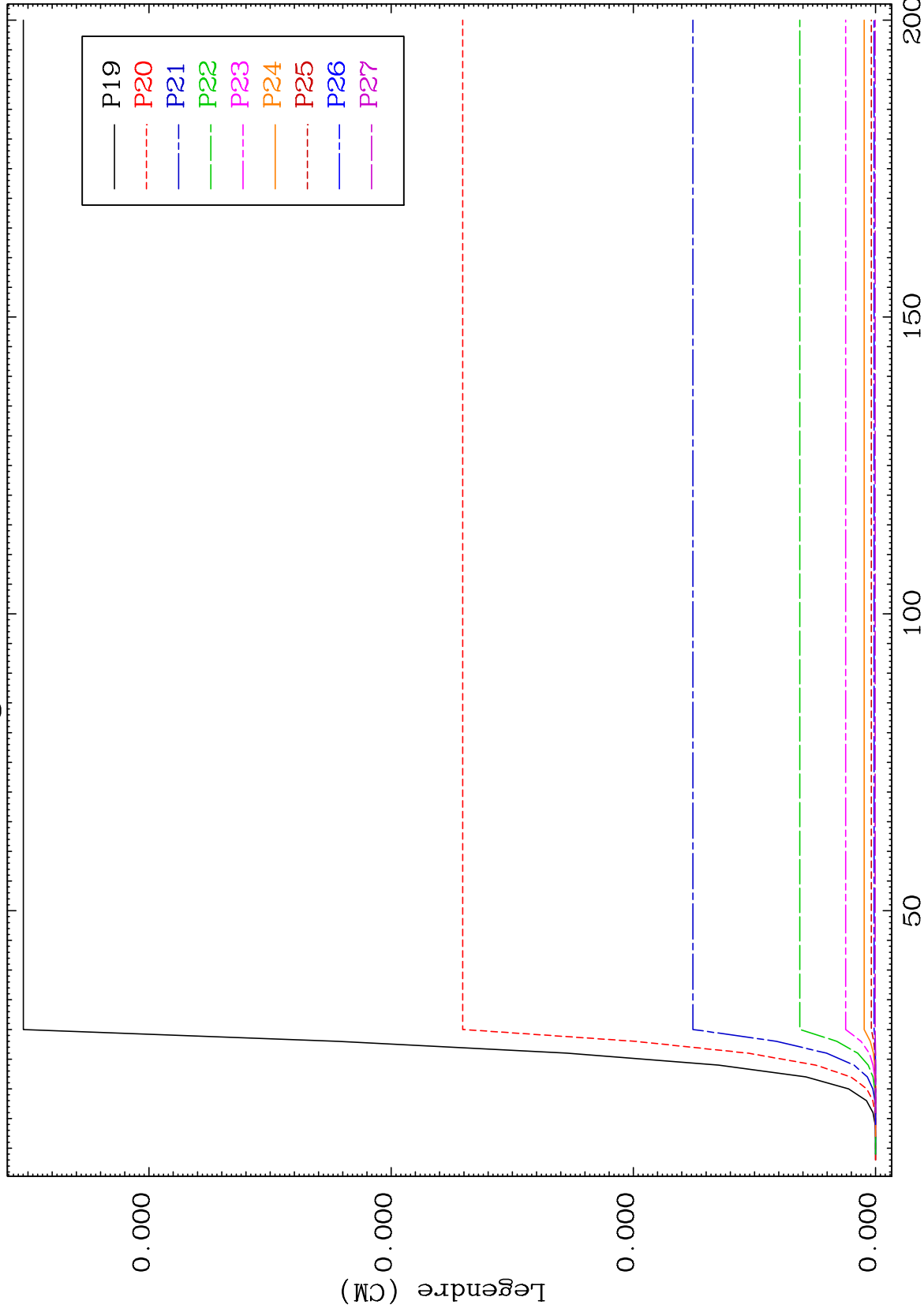
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



87

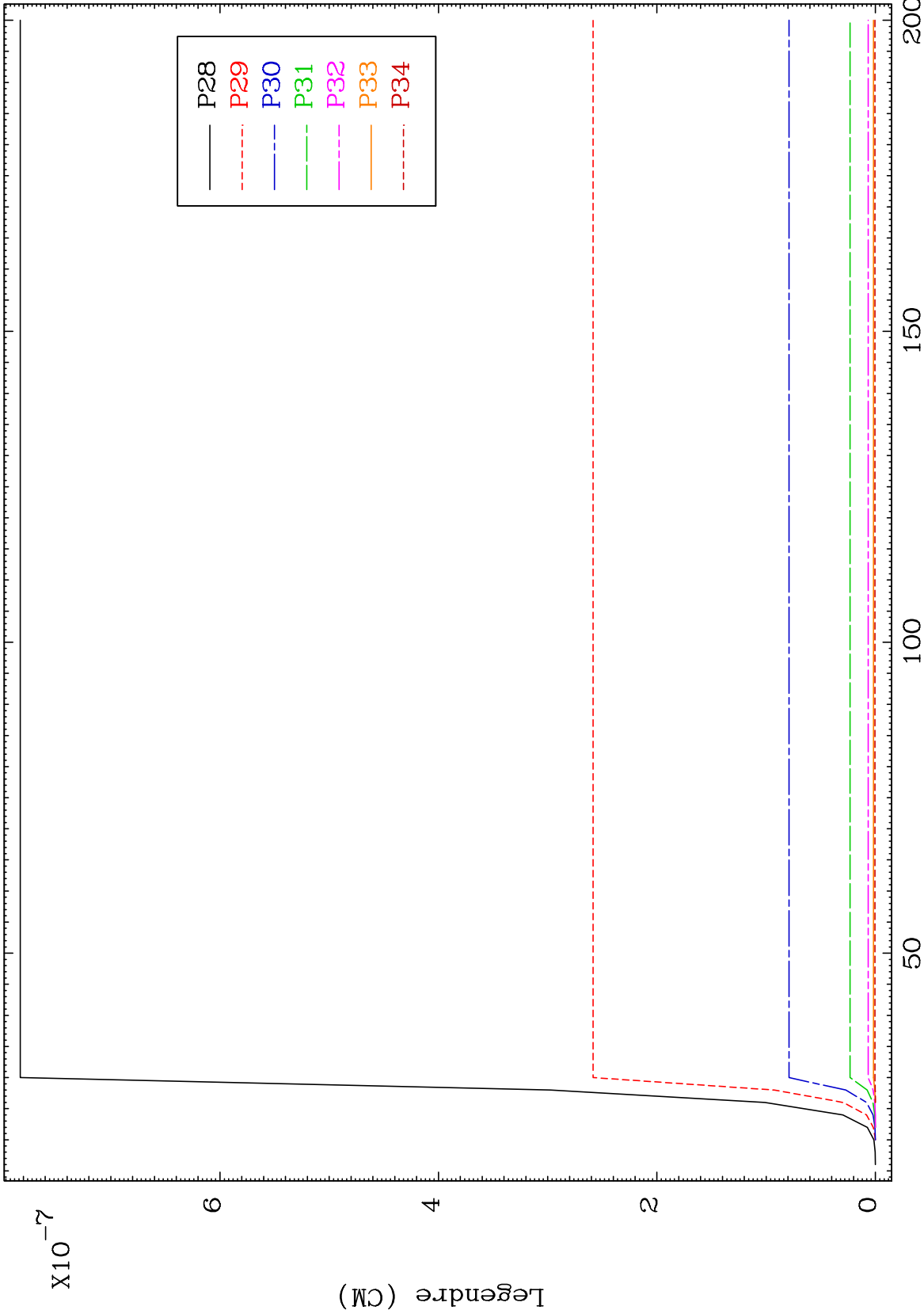
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94

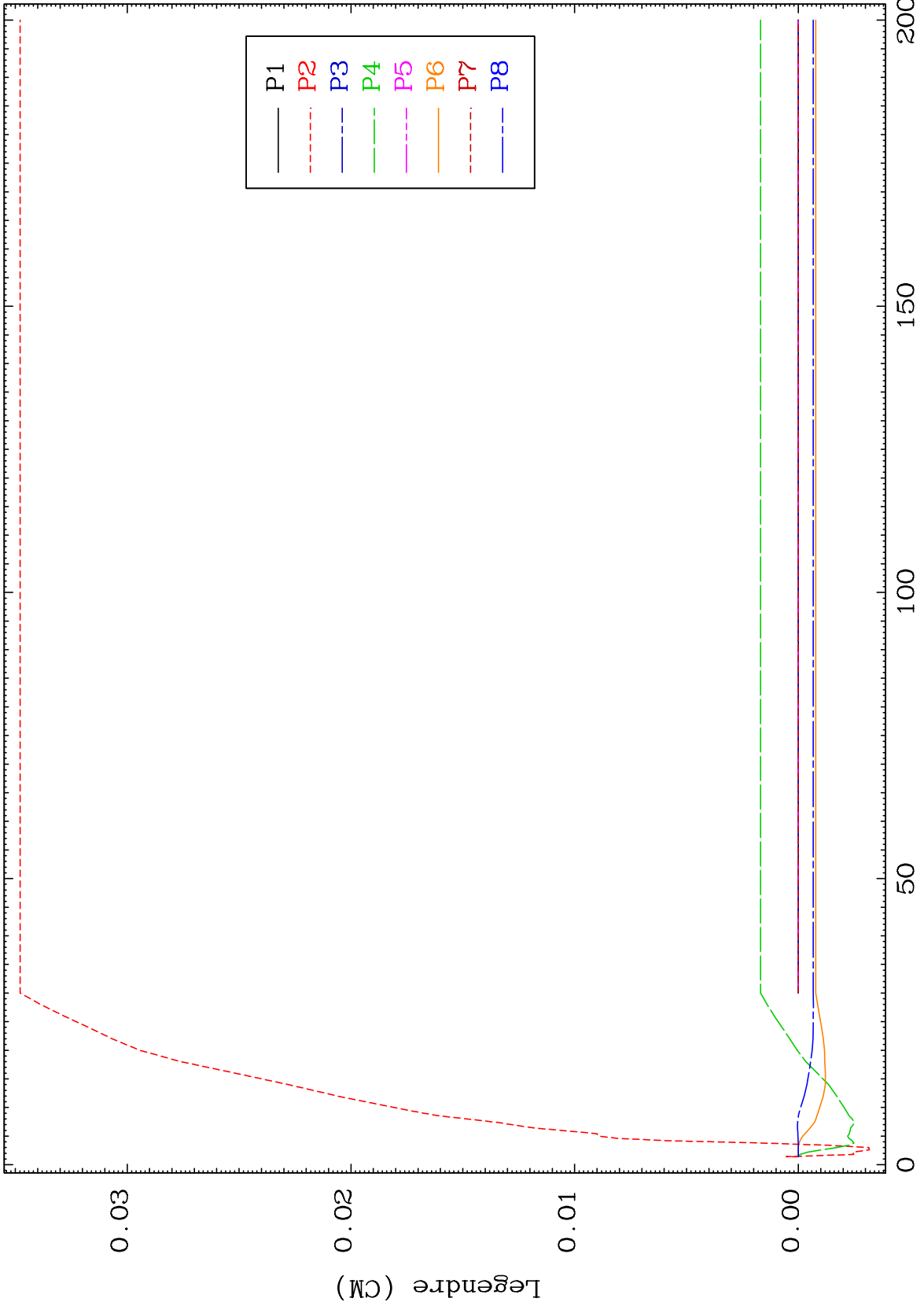


88

Incident Energy (MeV)

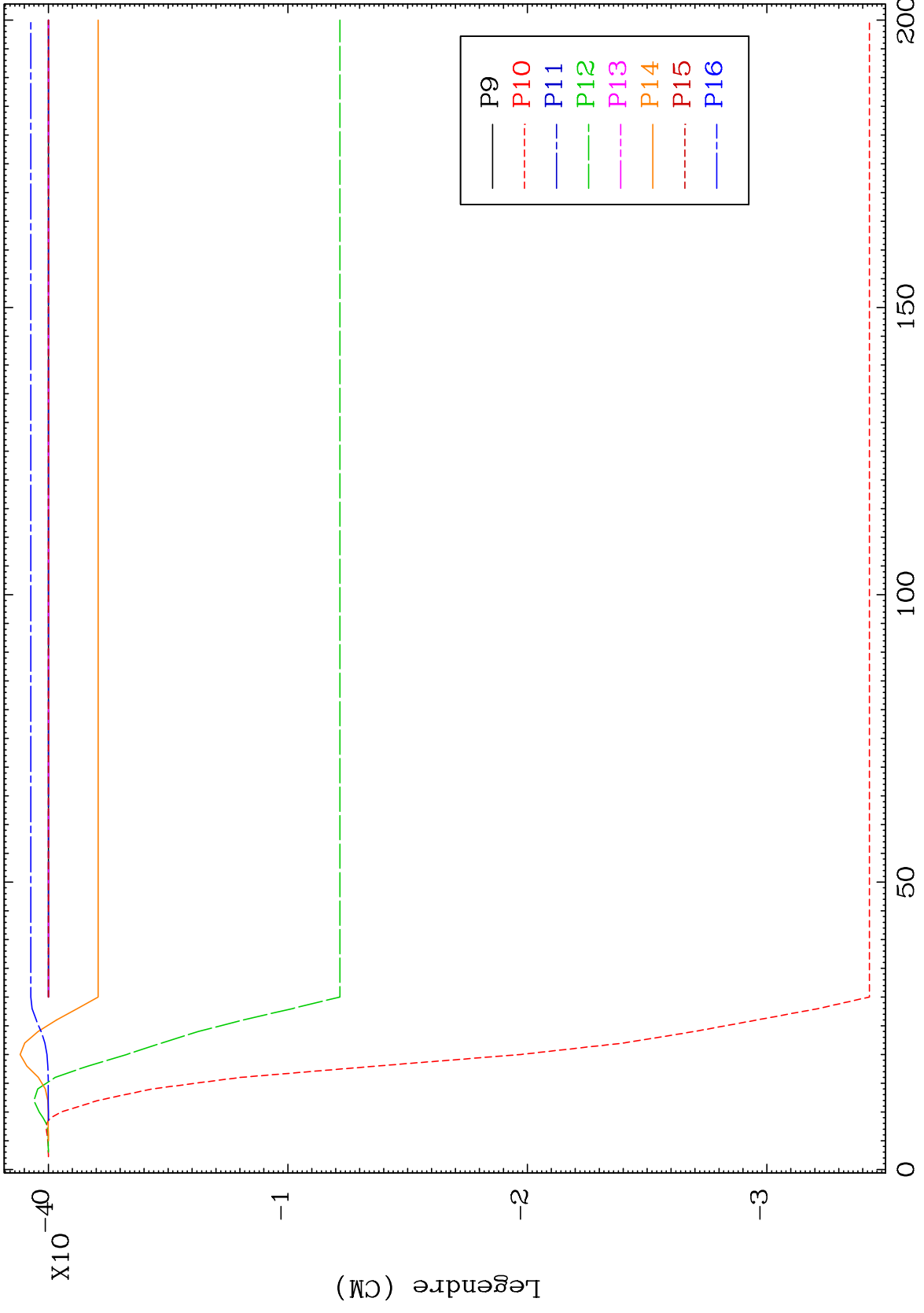
43-Tc-94

MAT 4310 MT= 71 (n,n') Level Legendre Coefficients 43-Tc-94



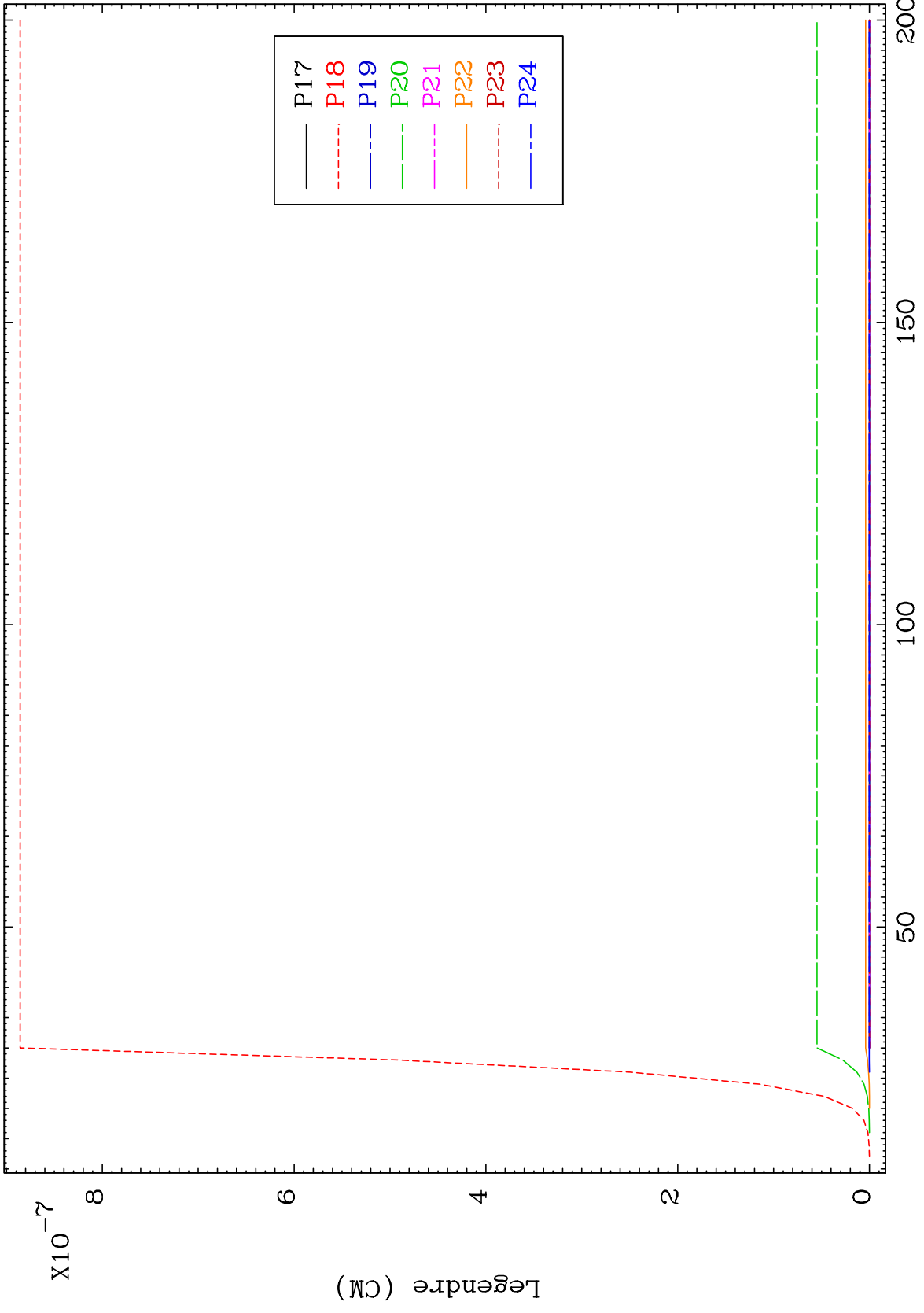
89 43-Tc-94

MAT 4310 MT= 71 (n,n') Level Legendre Coefficients 43-Tc-94



90 50 100 150 200 43-Tc-94

MAT 4310 MT= 71 (n,n') Level Legendre Coefficients 43-Tc-94

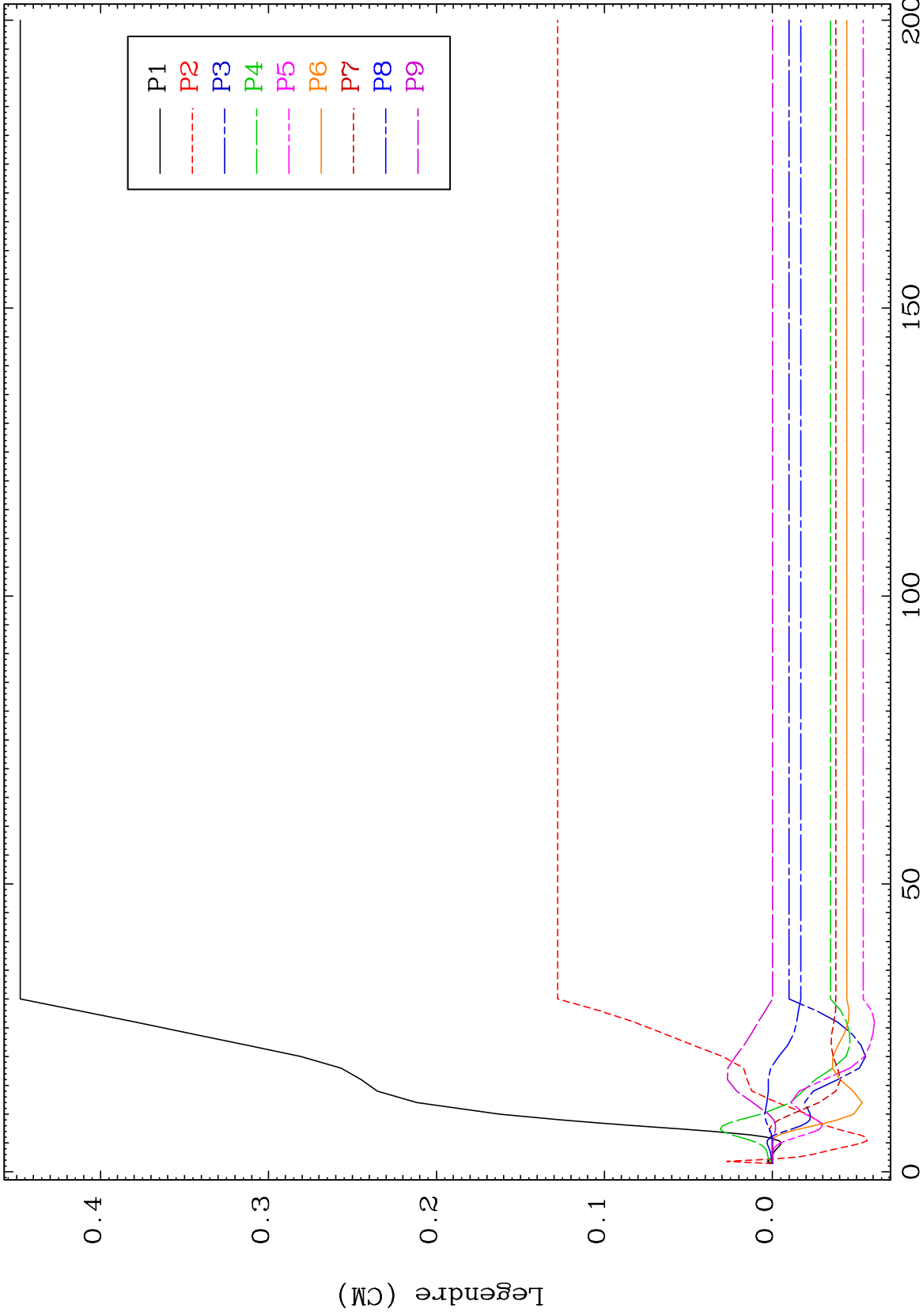


91 Incident Energy (MeV) 43-Tc-94

MAT 4310

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

43-Tc-94



92

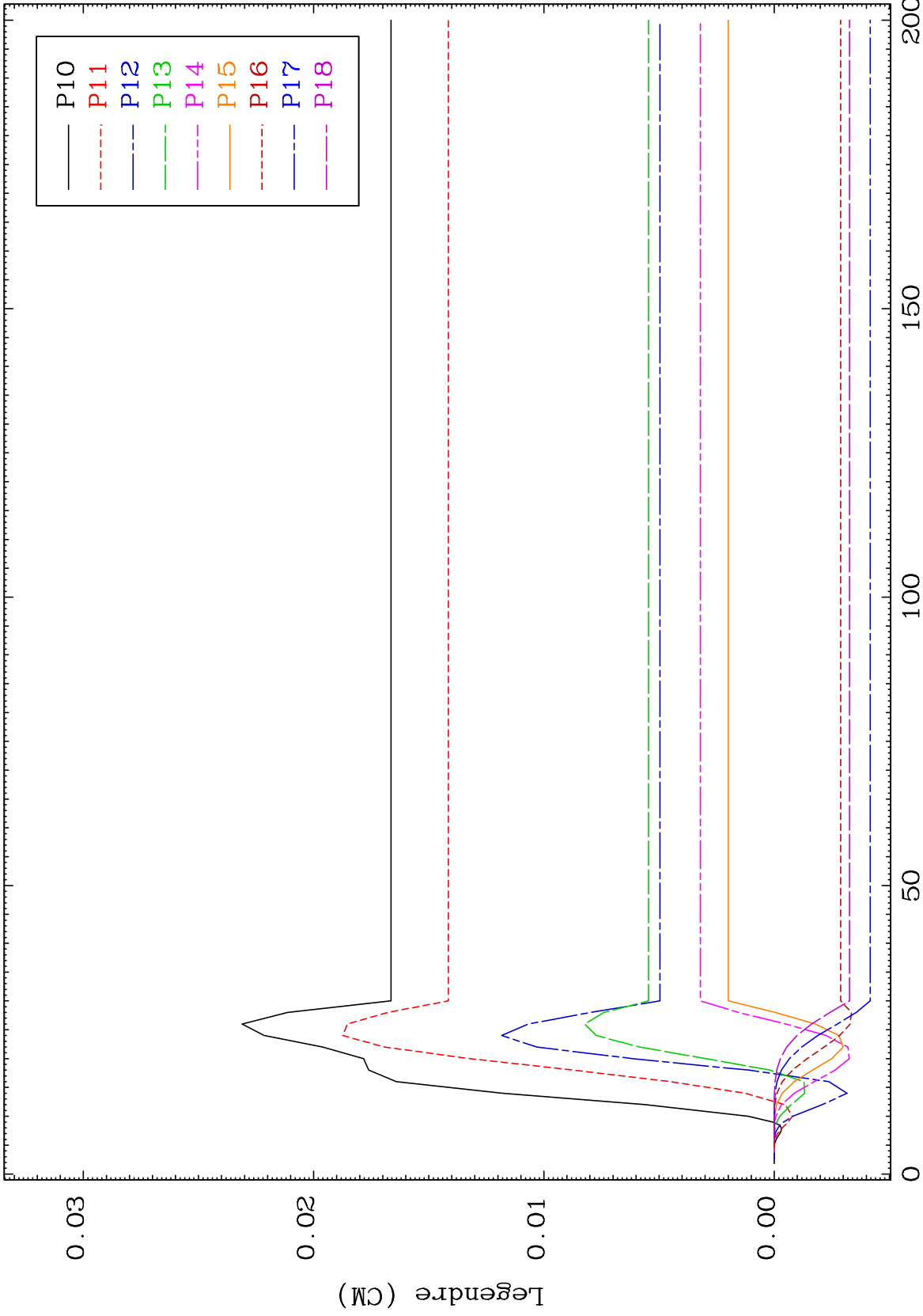
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



93

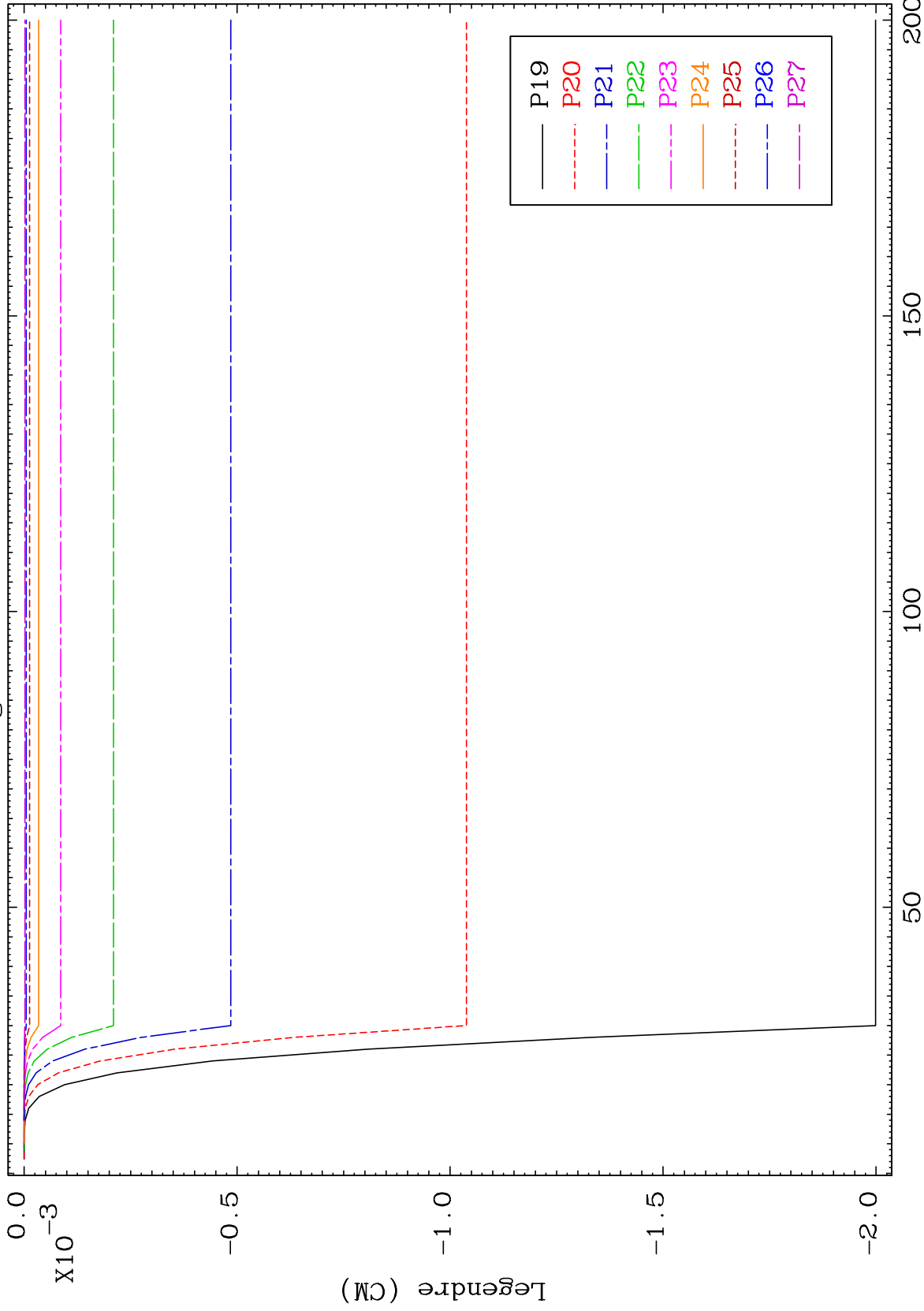
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

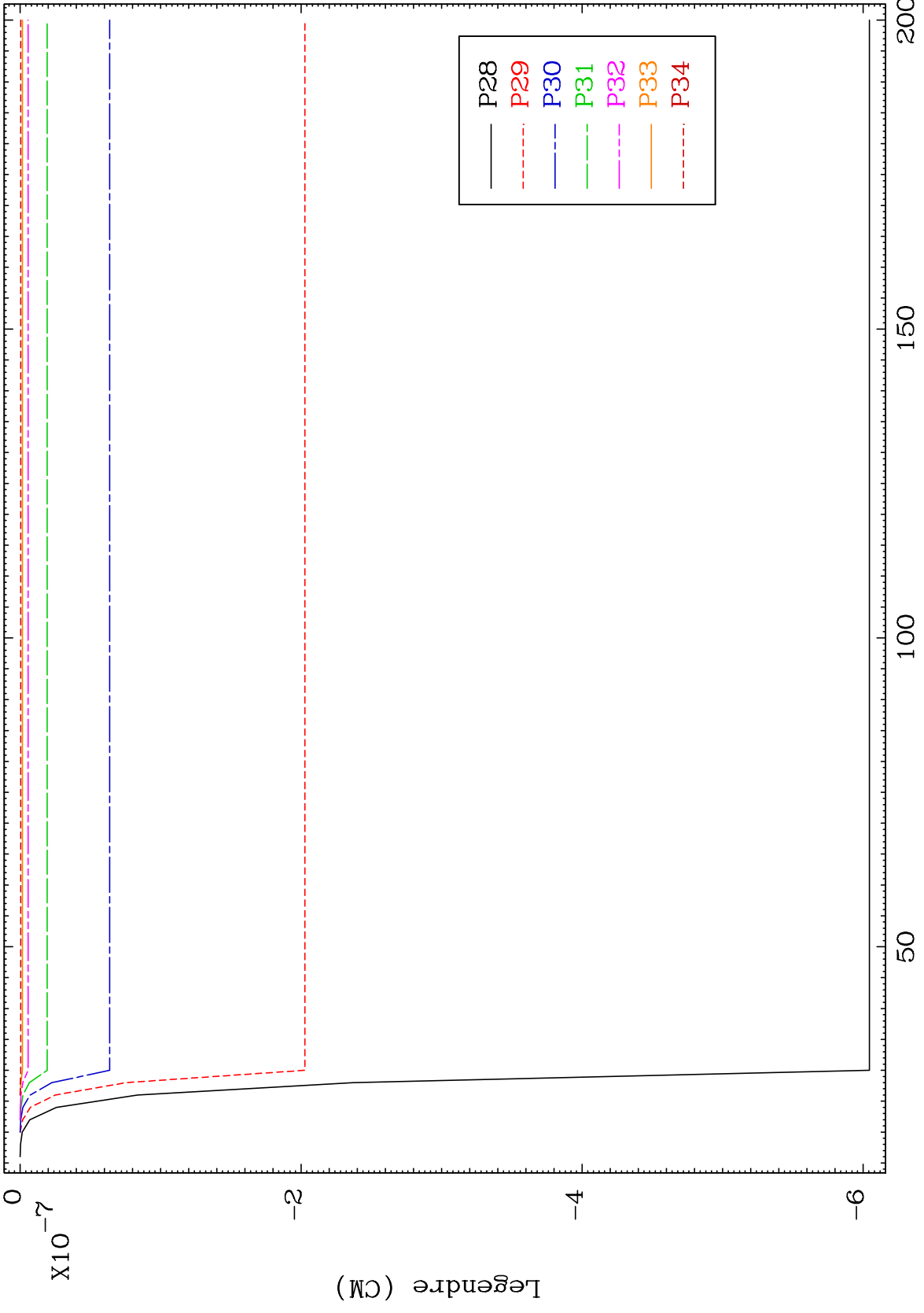
43-Tc-94



94

43-Tc-94

MAT 4310 MT= 72 (n,n') Level Legendre Coefficients 43-Tc-94

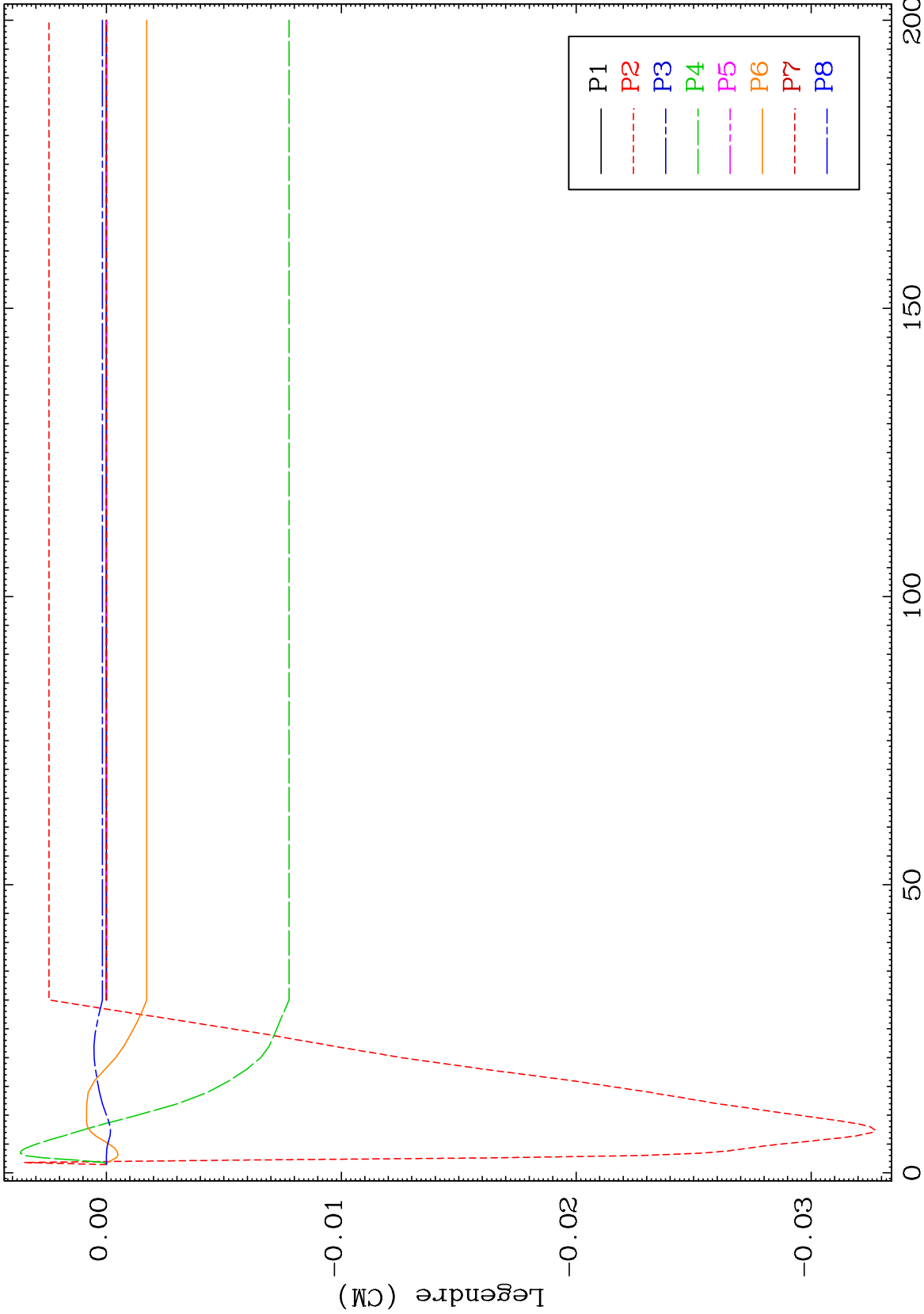


95 43-Tc-94

MAT 4310

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

43-Tc-94

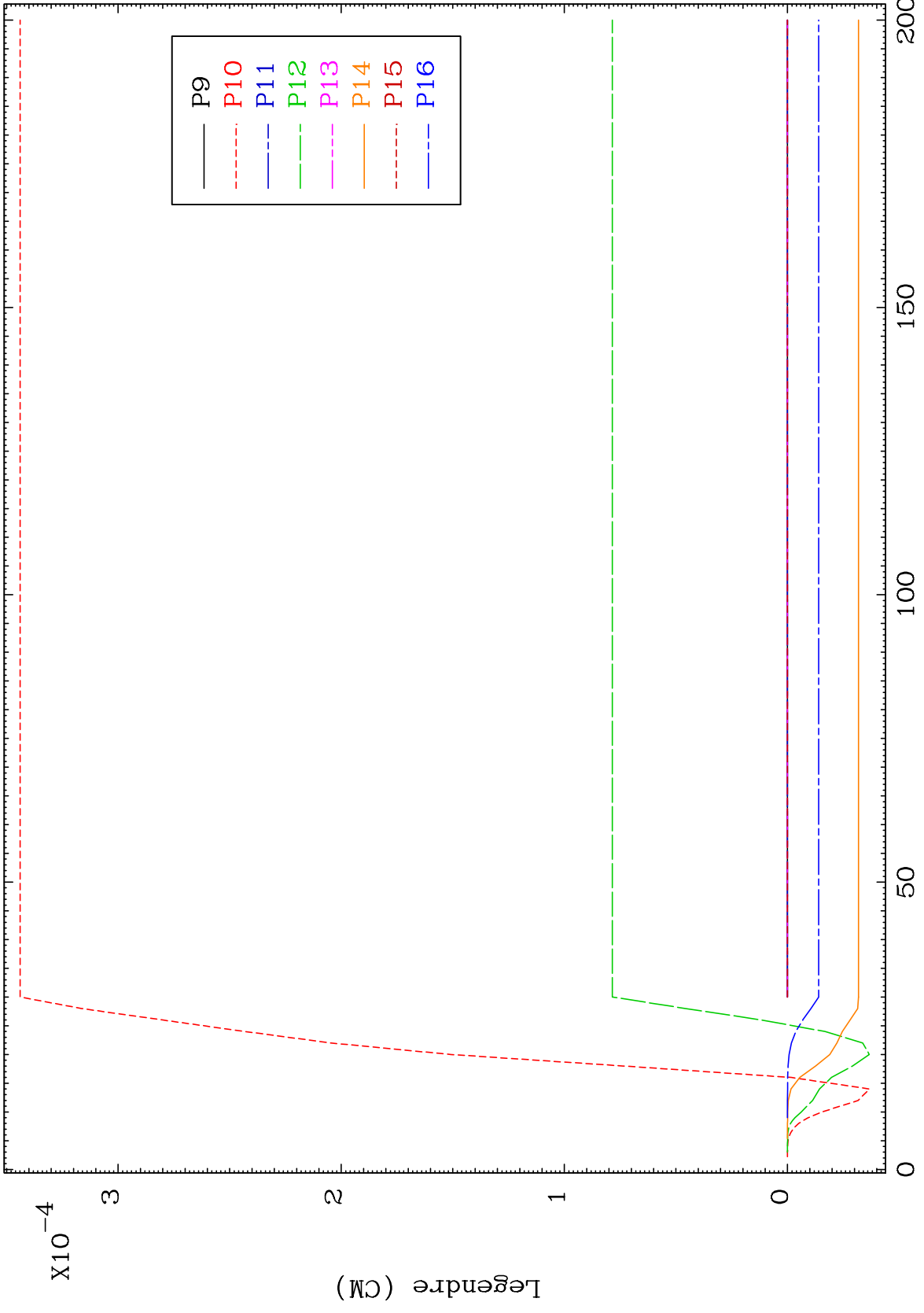


96

Incident Energy (MeV)

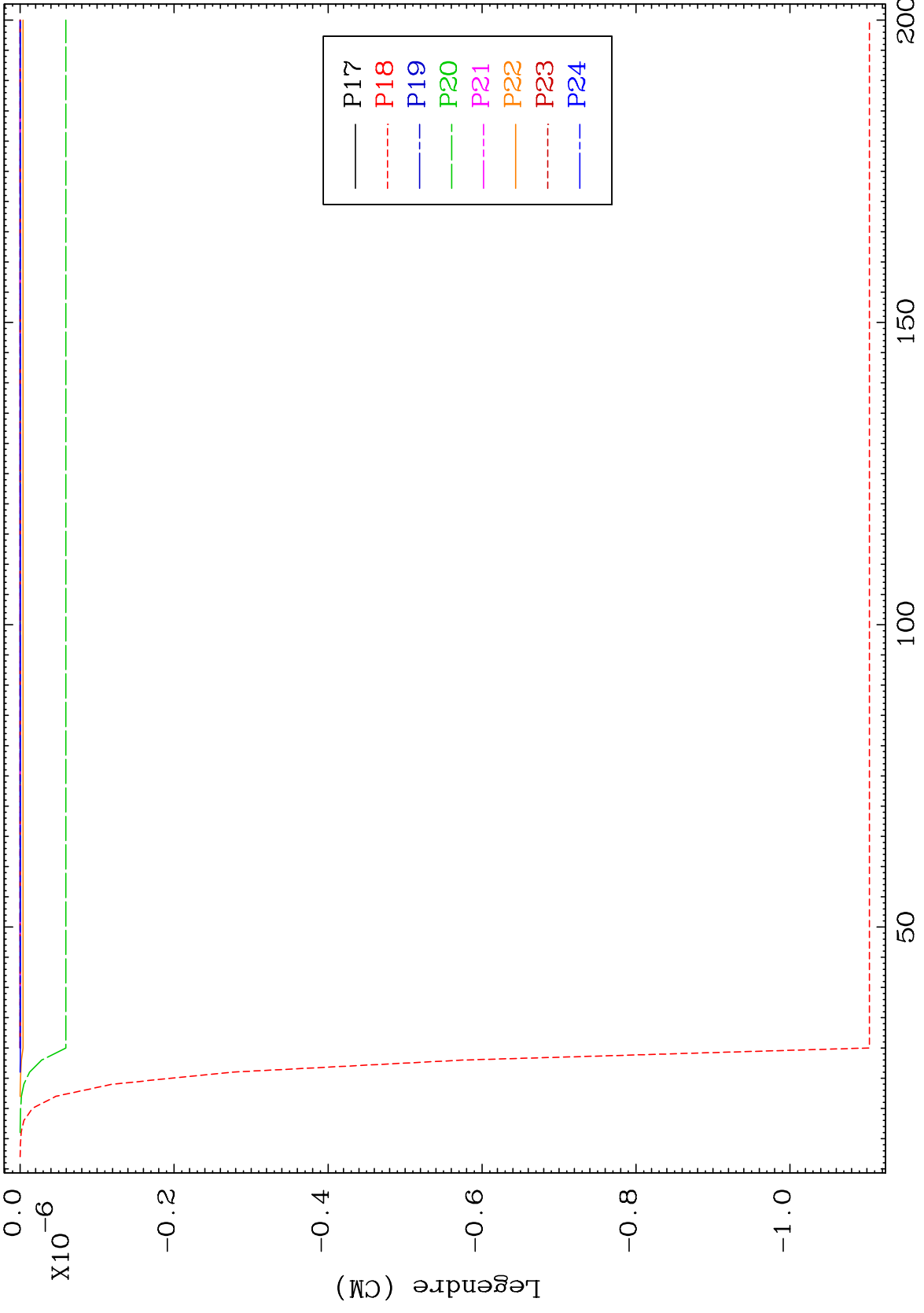
43-Tc-94

MAT 4310 MT= 73 (n,n') Level Legendre Coefficients 43-Tc-94



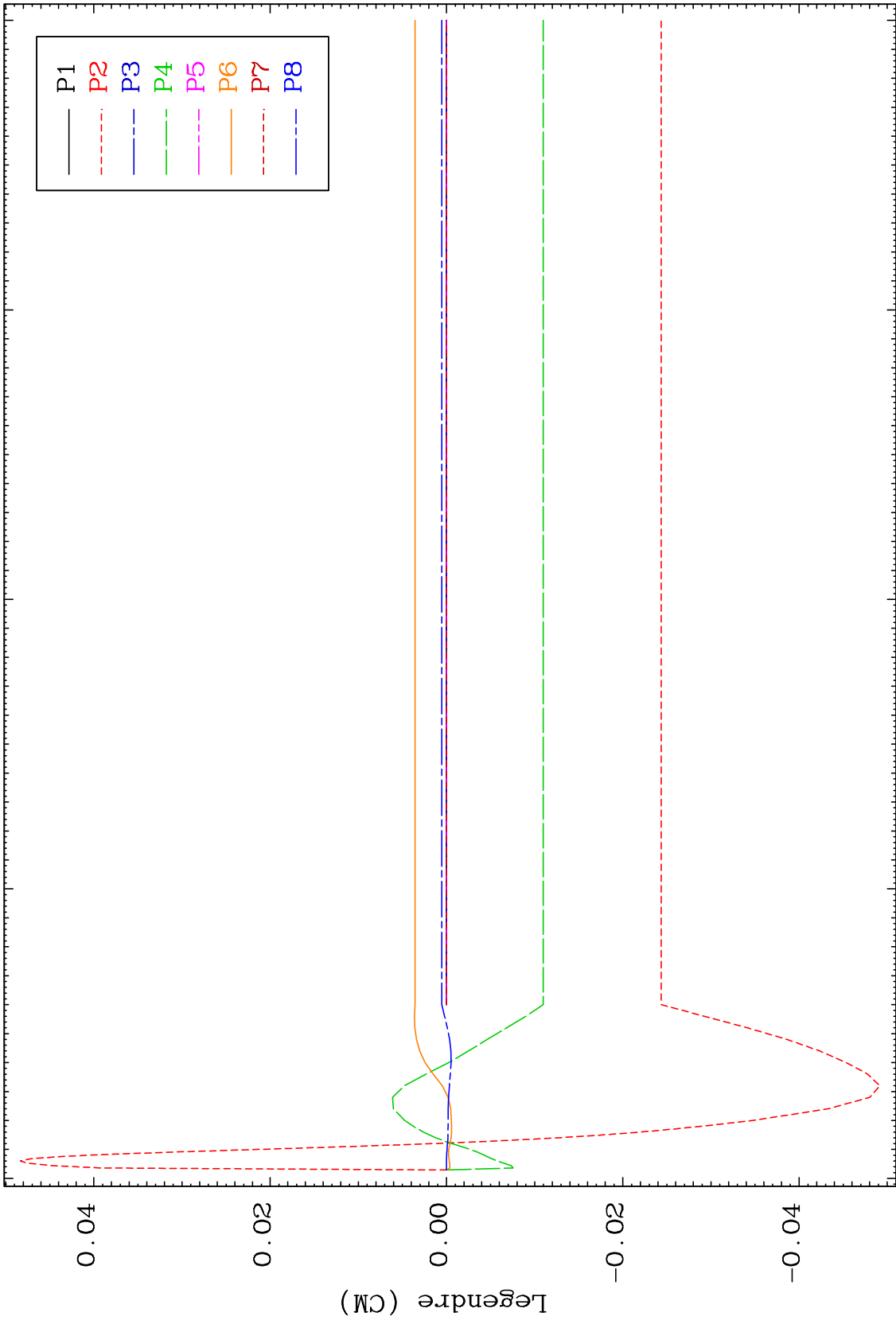
97 43-Tc-94

MAT 4310 MT= 73 (n,n') Level Legendre Coefficients 43-Tc-94



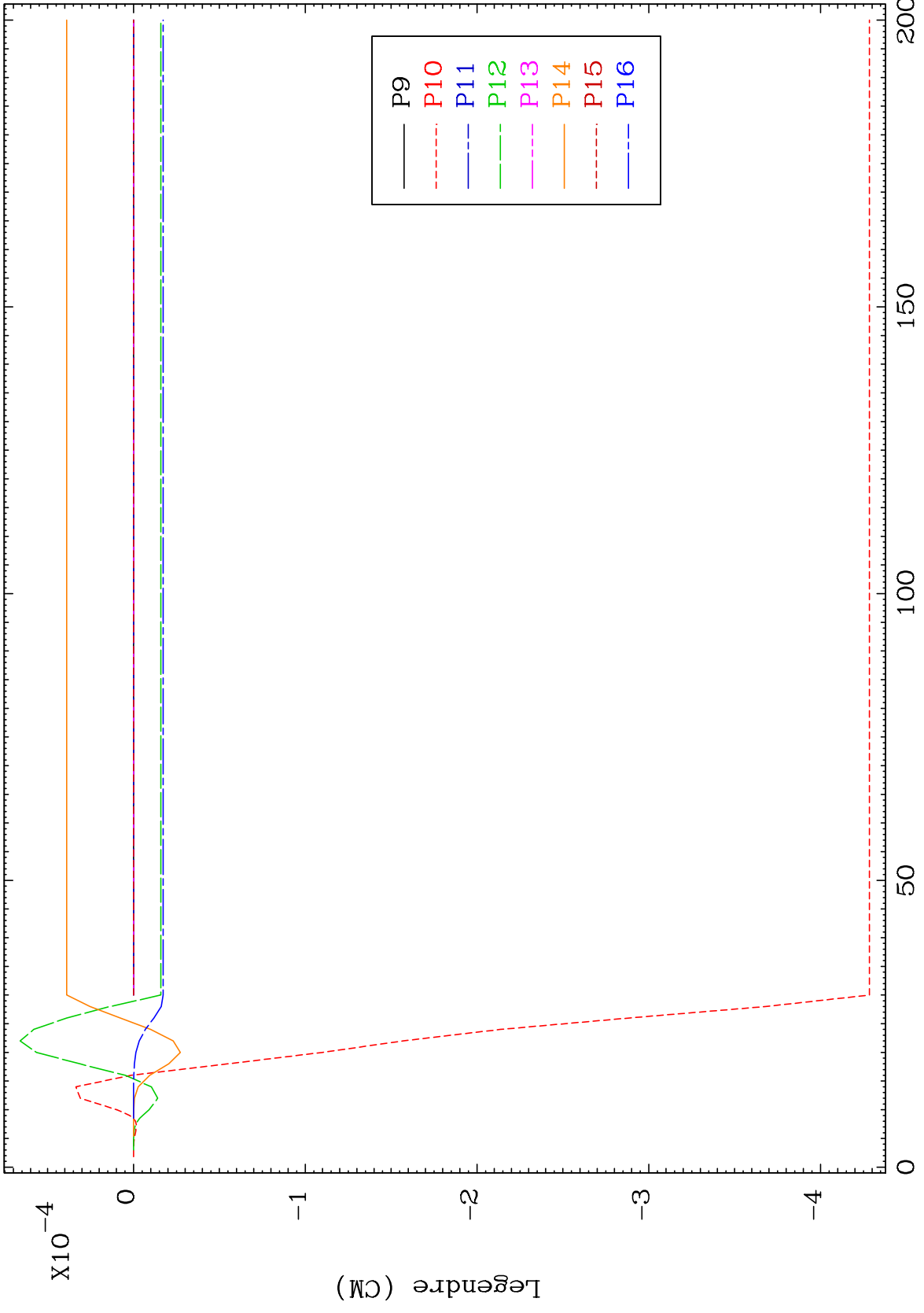
98 43-Tc-94

MAT 4310 MT= 74 (n,n') Level Legendre Coefficients 43-Tc-94



99 Incident Energy (MeV) 43-Tc-94

MAT 4310 MT= 74 (n,n') Level Legendre Coefficients 43-Tc-94

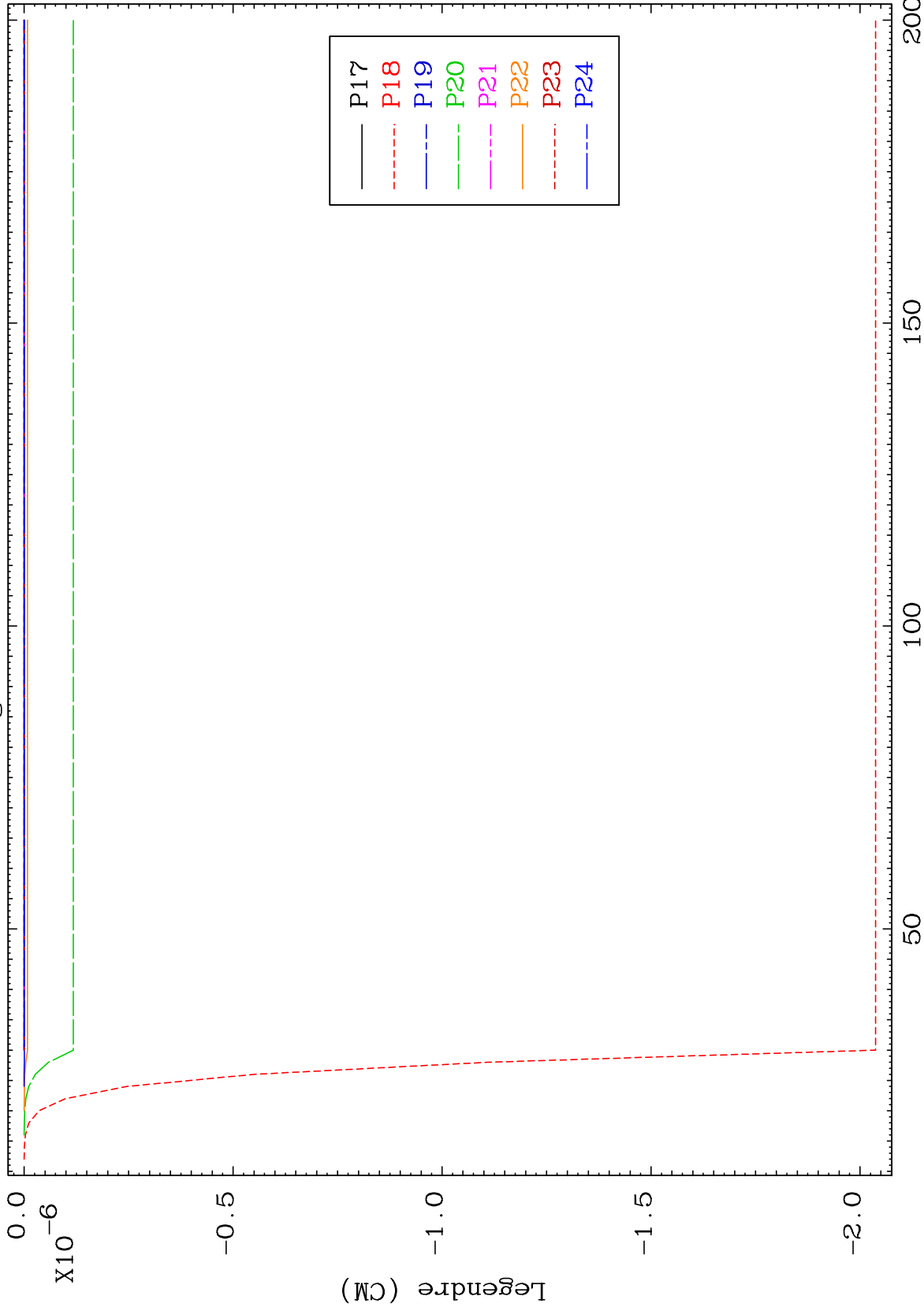


100 50 100 150 200 Incident Energy (MeV) 43-Tc-94

MAT 4310

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

43-Tc-94



43-Tc-94

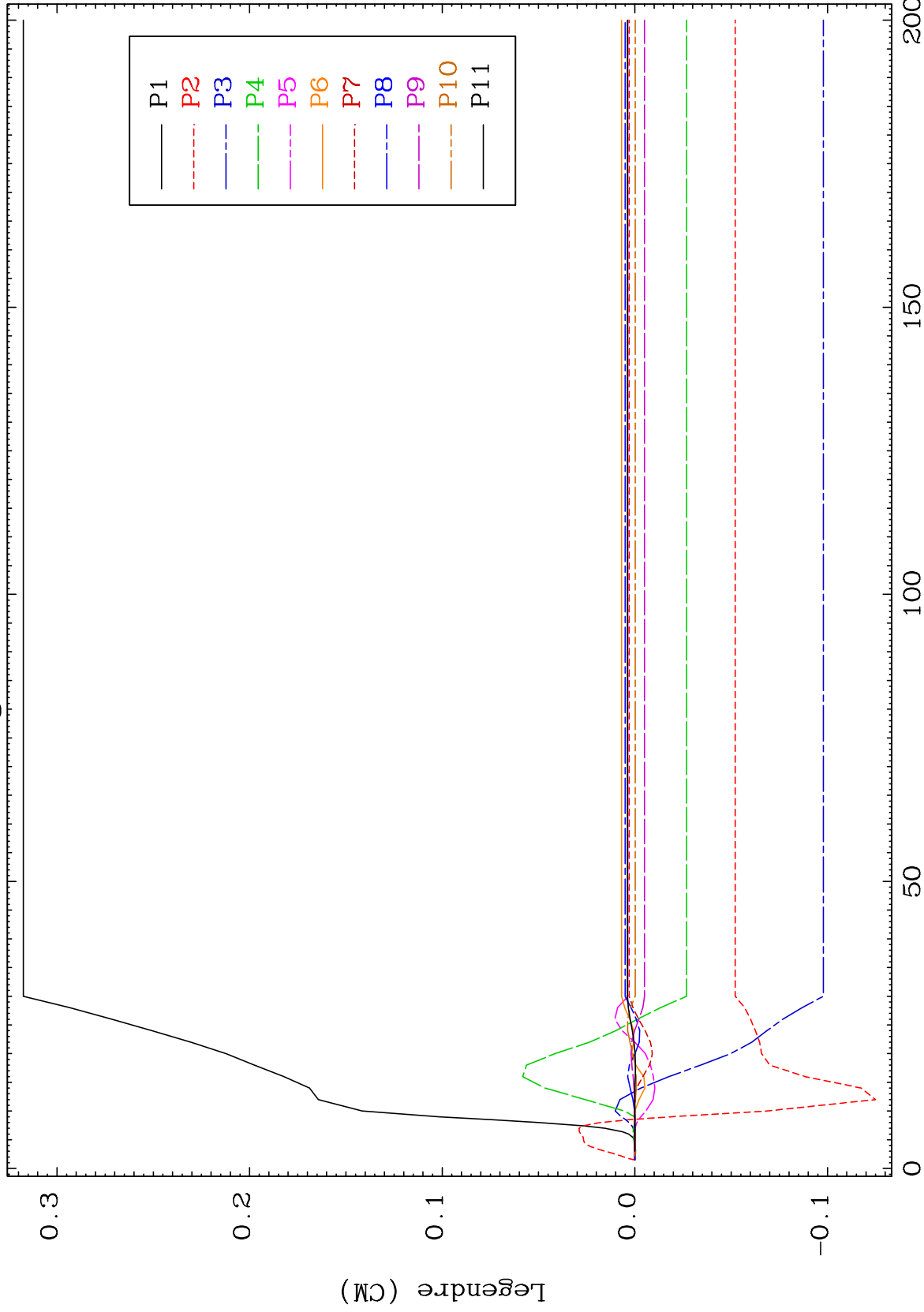
Incident Energy (MeV)

101

MAT 4310

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

43-Tc-94



102

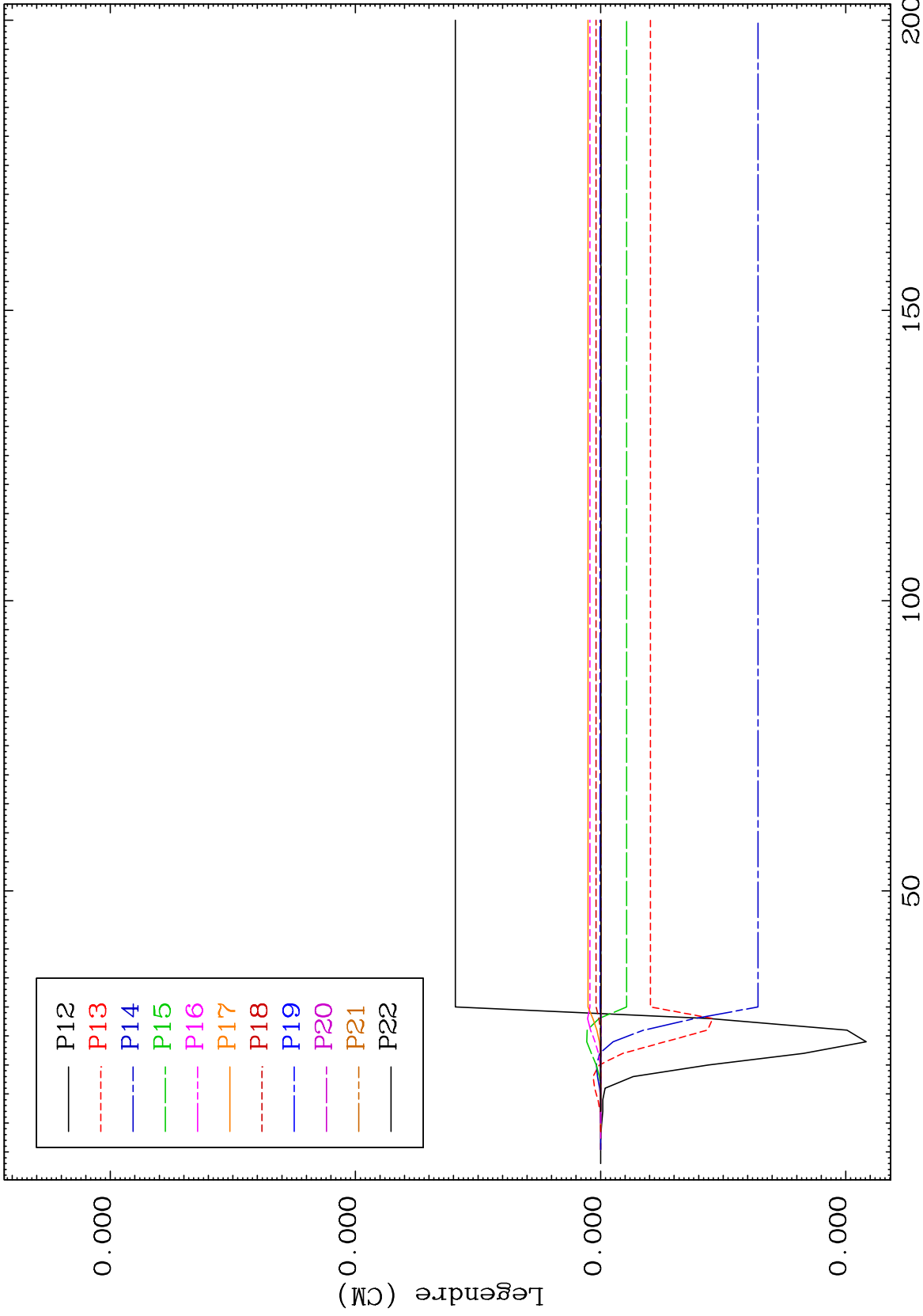
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



103

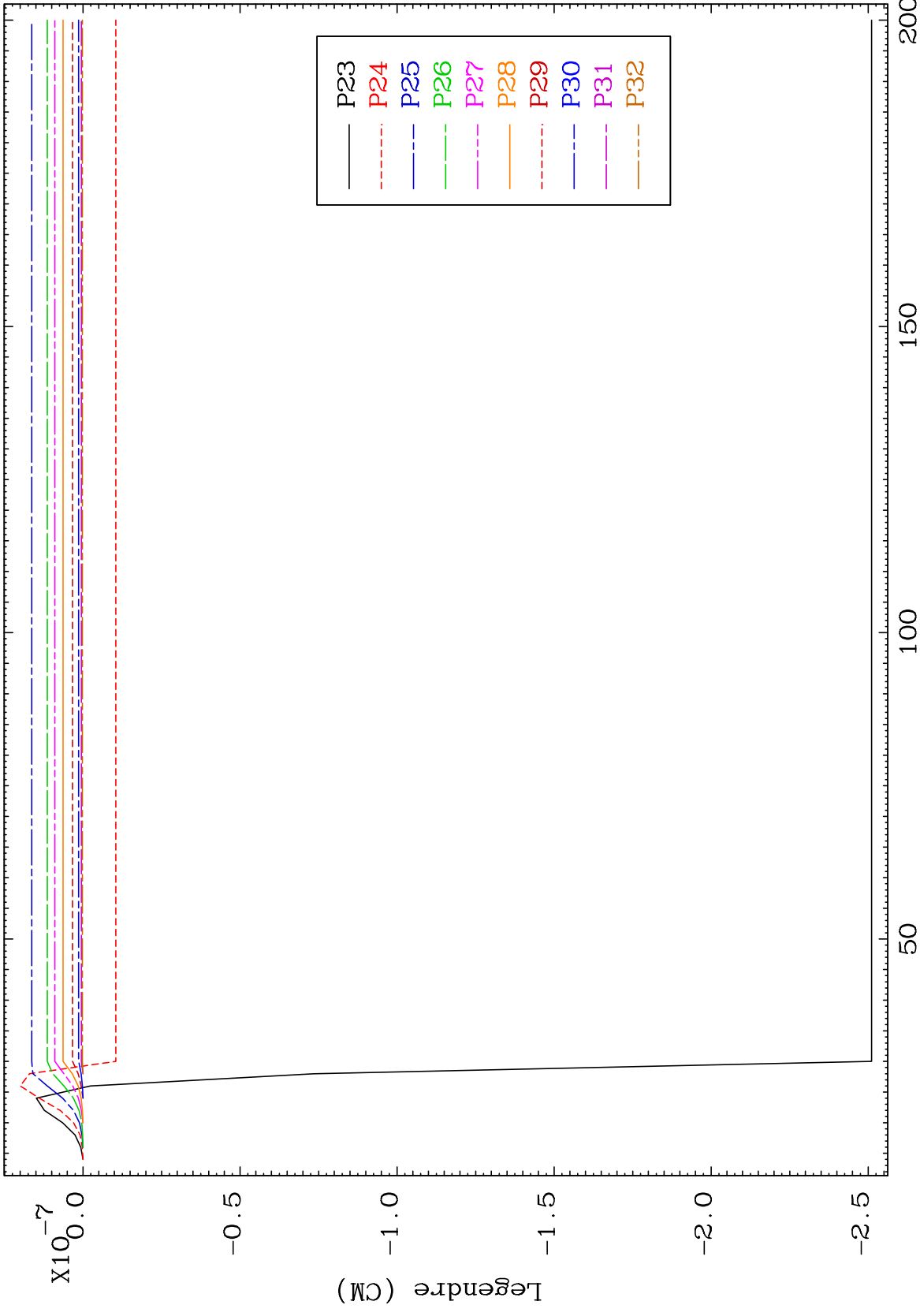
Incident Energy (MeV)

43-Tc-94

MAT 4310

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

43-Tc-94



43-Tc-94

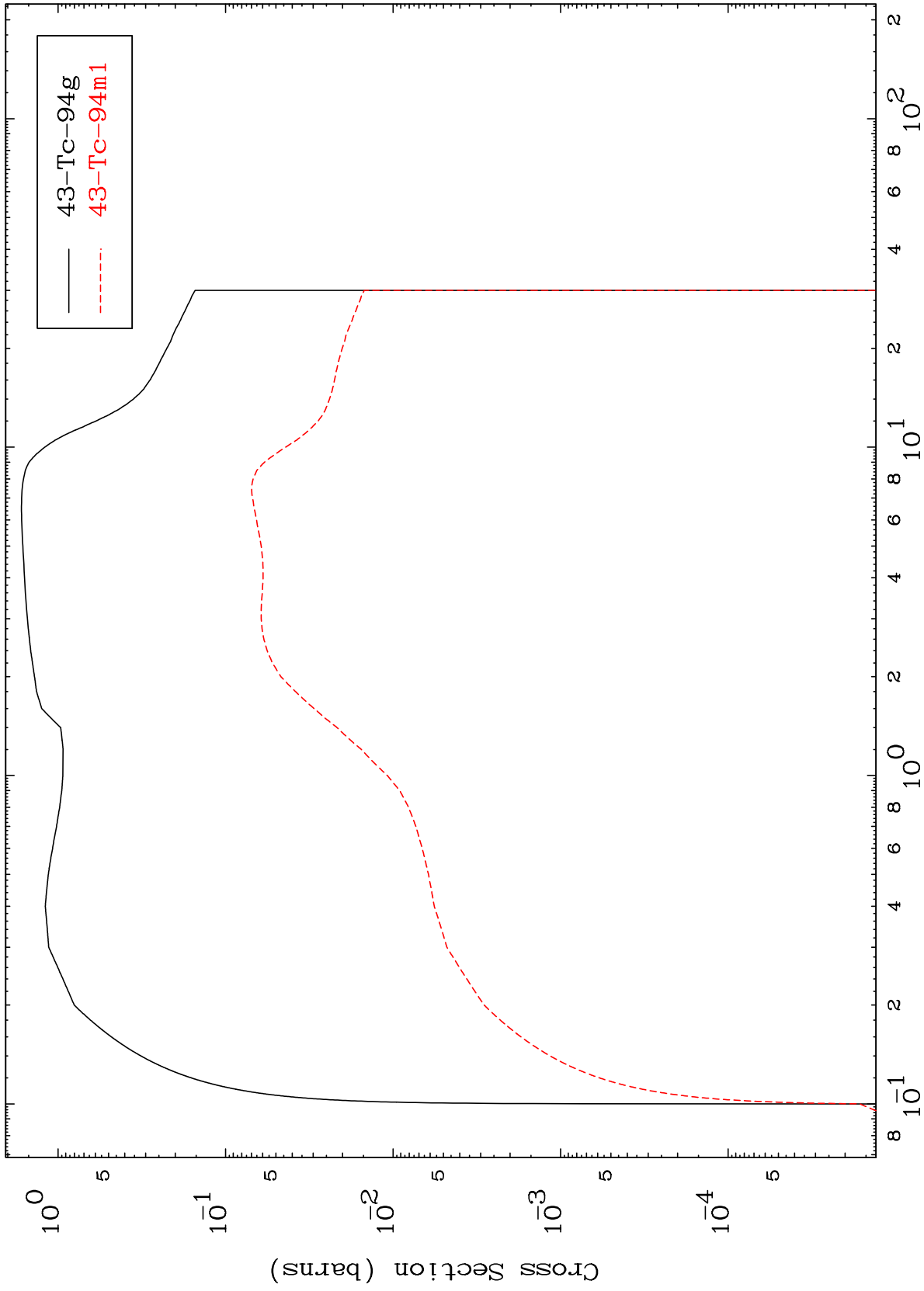
Incident Energy (MeV)

104

MAT 4310

43-Tc-94

Inelastic Radionuclide Production Cross Section



105

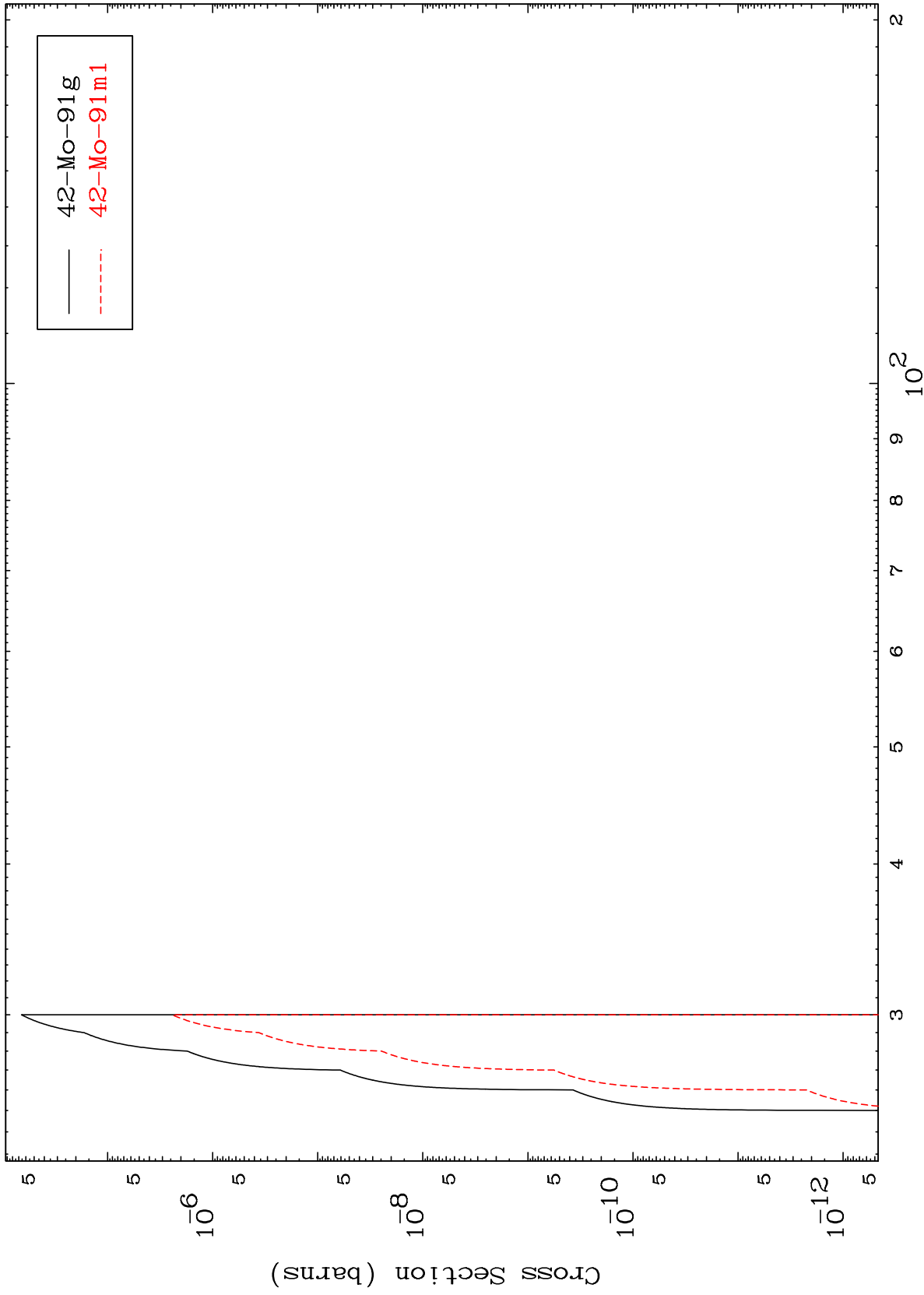
43-Tc-94

MAT 4310

(n,2n) d

43-Tc-94

Radionuclide Production Cross Section



106

Incident Energy (MeV)

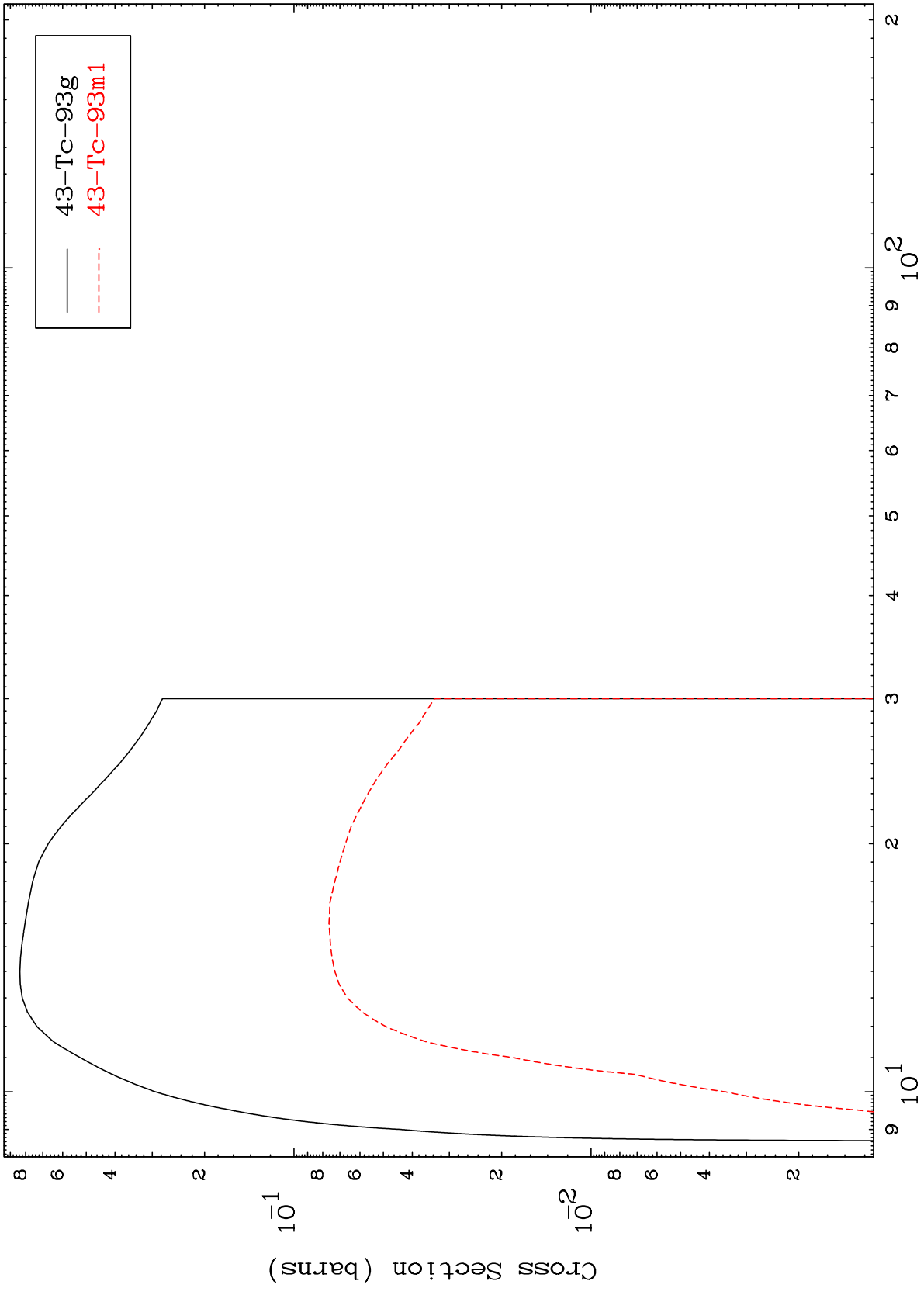
43-Tc-94

MAT 4310

(n,2n)

43-Tc-94

Radionuclide Production Cross Section



107

Incident Energy (MeV)

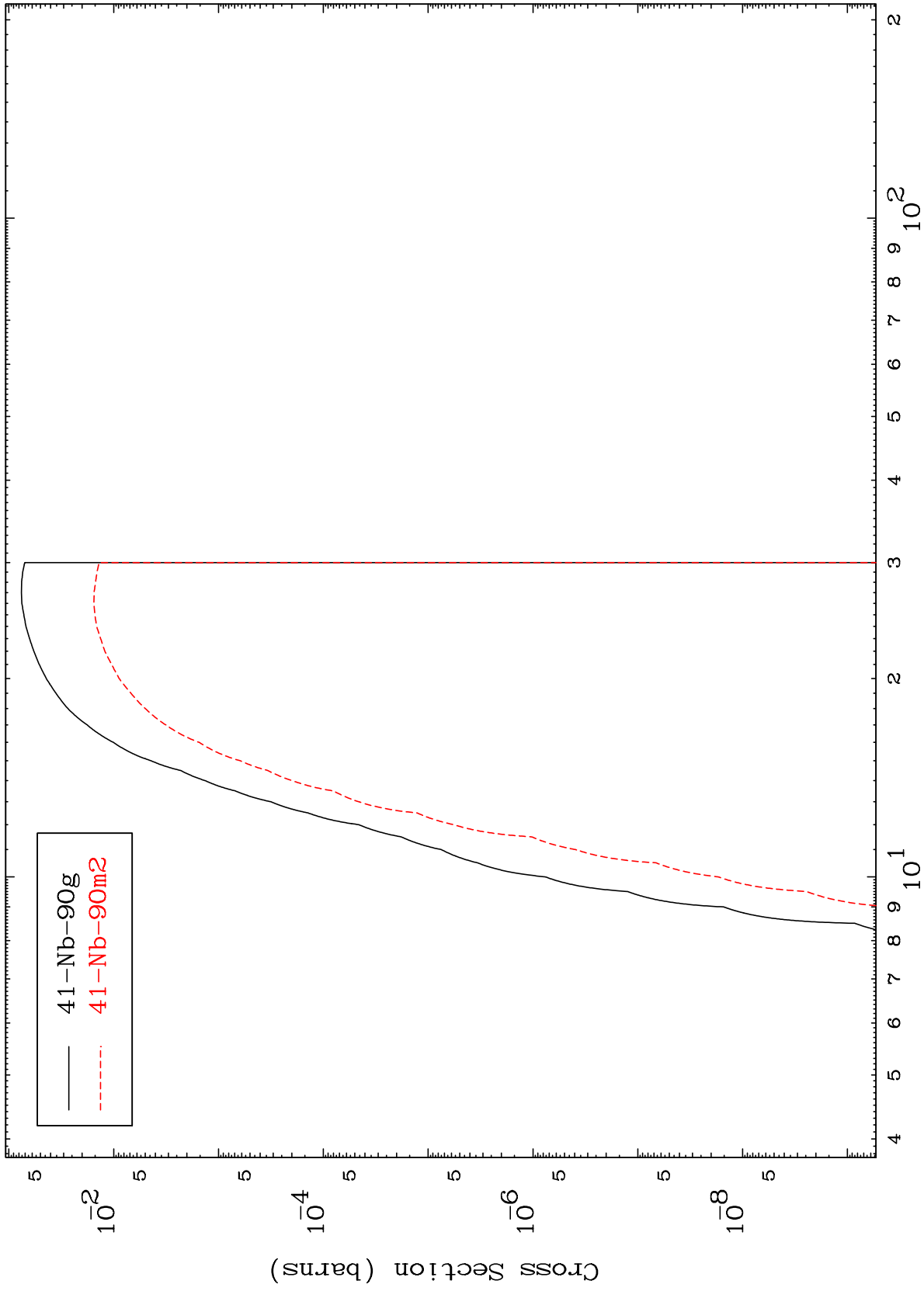
43-Tc-94

MAT 4310

(n,n') α

43-Tc-94

Radionuclide Production Cross Section

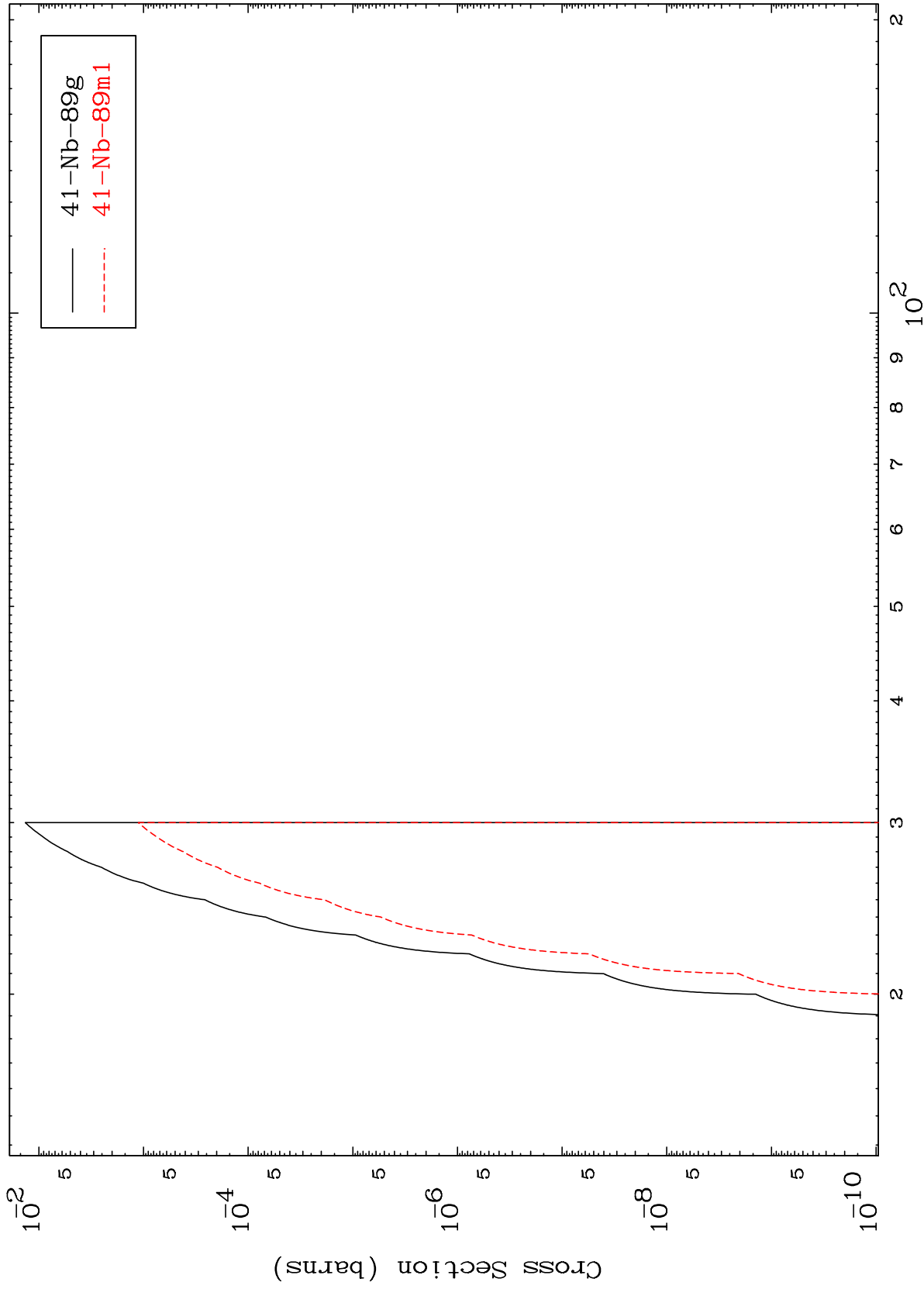


MAT 4310

(n,2n) α

43-Tc-94

Radionuclide Production Cross Section



109

Incident Energy (MeV)

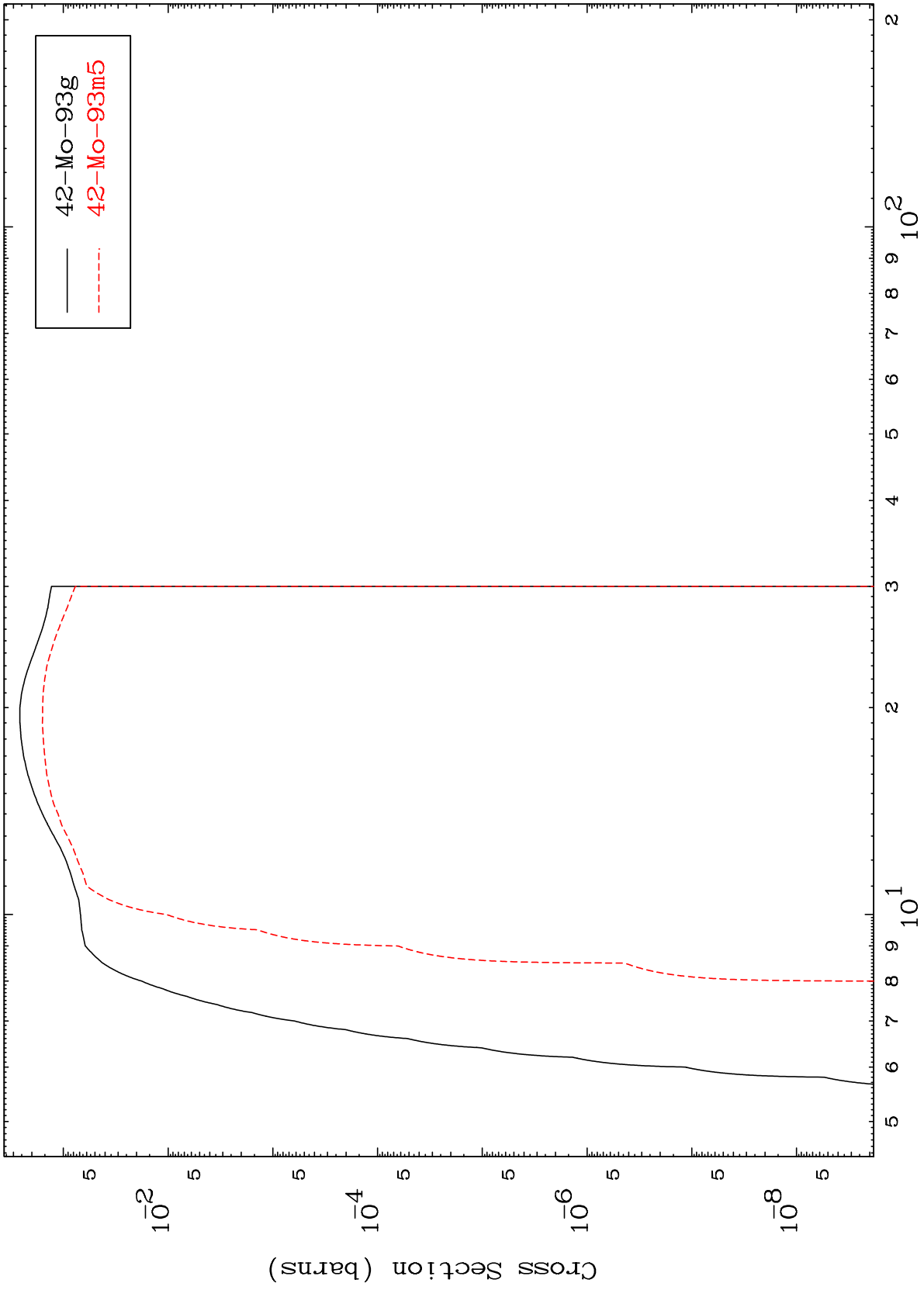
43-Tc-94

MAT 4310

(n,n') p

43-Tc-94

Radionuclide Production Cross Section



110

Incident Energy (MeV)

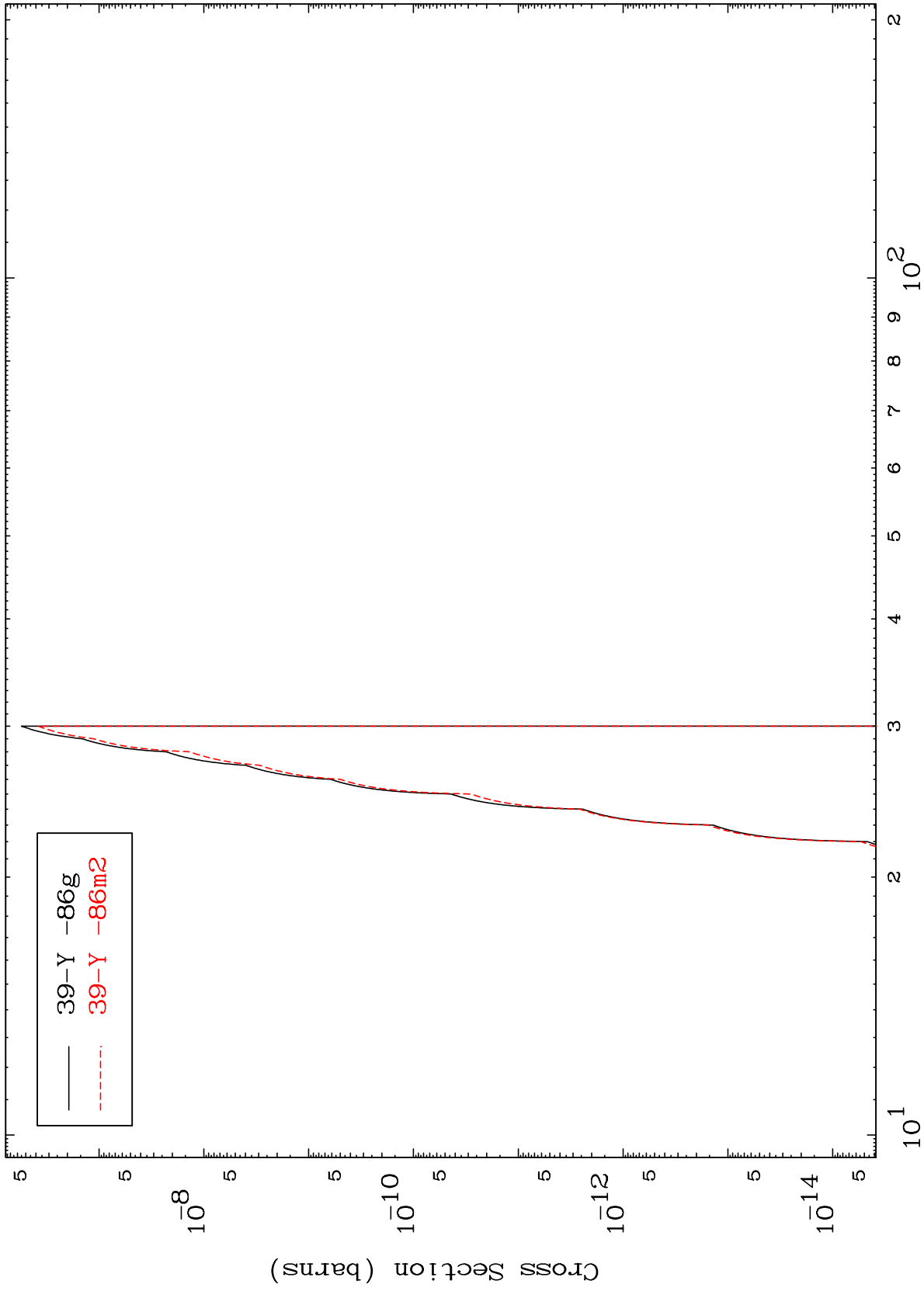
43-Tc-94

MAT 4310

(n,n') 2 α

43-Tc-94

Radionuclide Production Cross Section



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

111

Incident Energy (MeV)

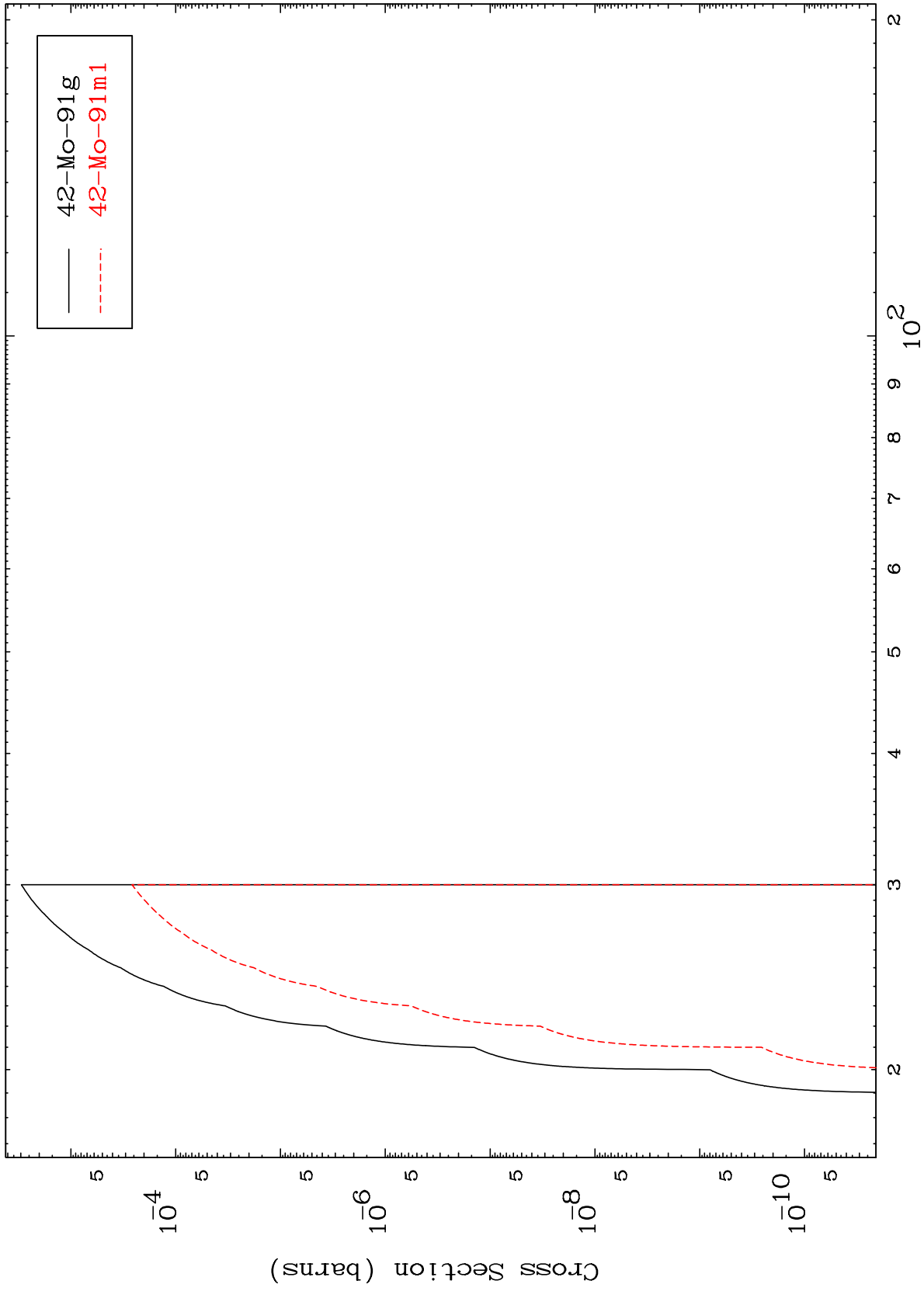
43-Tc-94

MAT 4310

(n,n') t

43-Tc-94

Radionuclide Production Cross Section



112

Incident Energy (MeV)

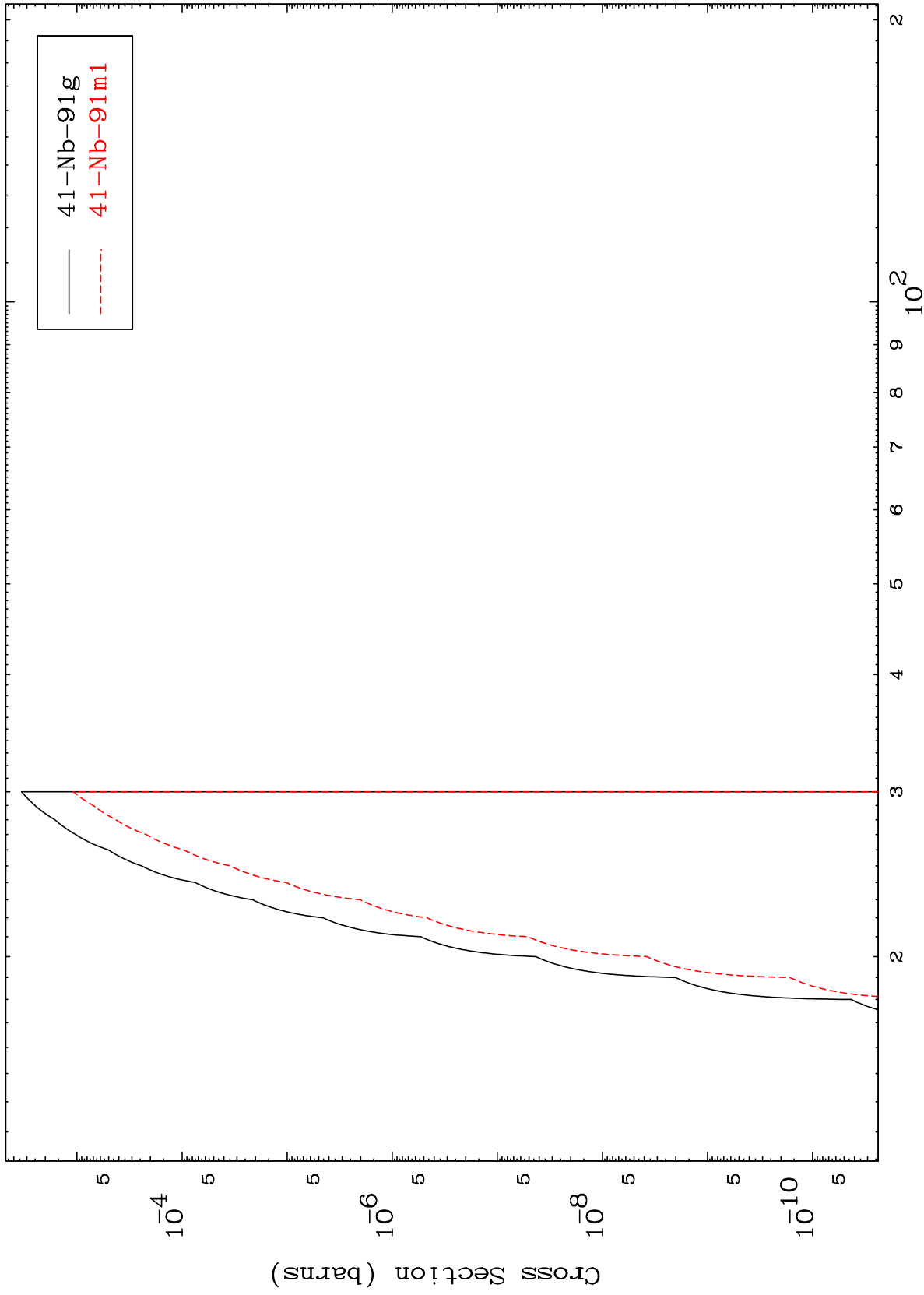
43-Tc-94

MAT 4310

(n, n') He-3

43-Tc-94

Radionuclide Production Cross Section



113

Incident Energy (MeV)

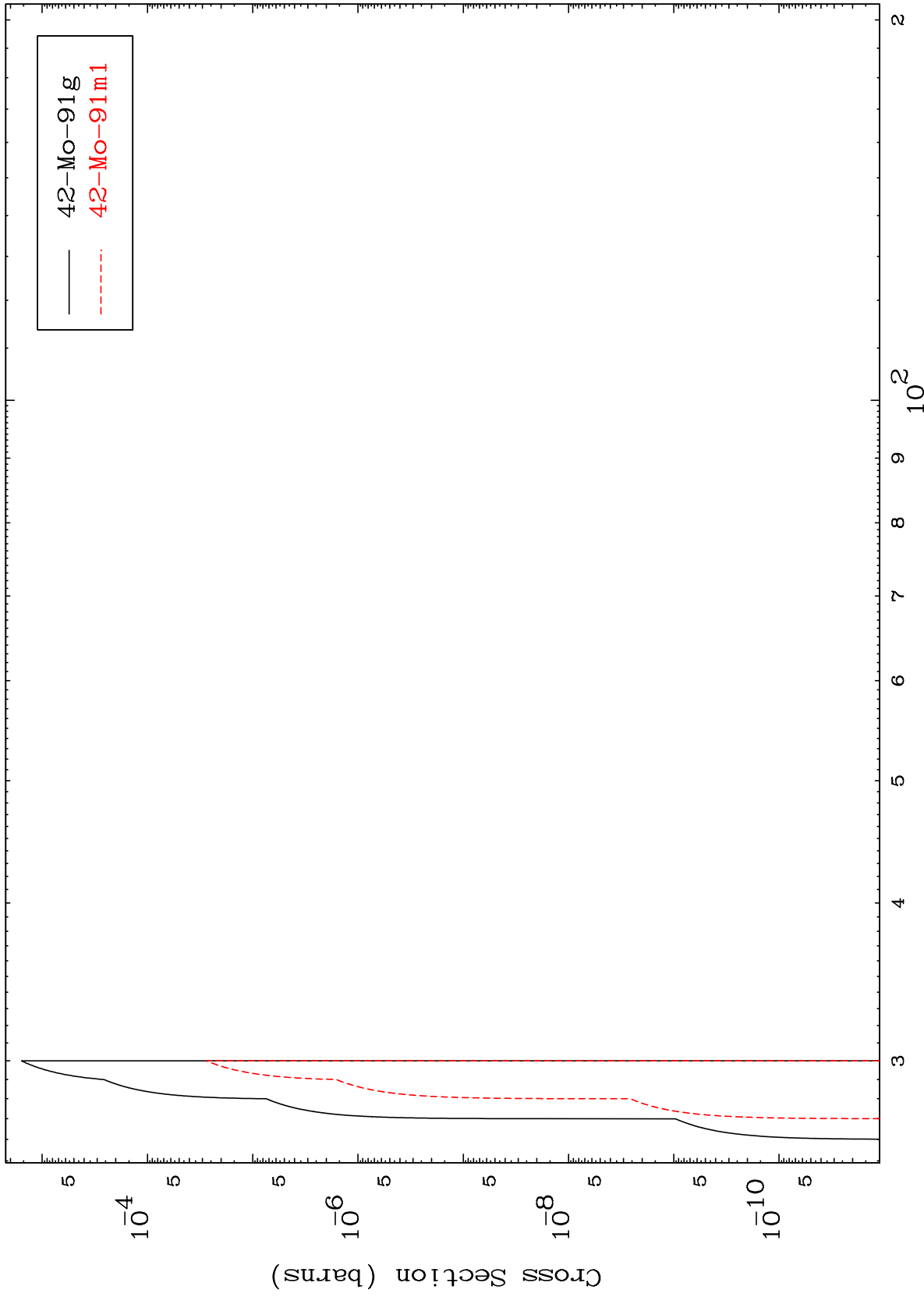
43-Tc-94

MAT 4310

(n,3n) p

43-Tc-94

Radionuclide Production Cross Section



114

Incident Energy (MeV)

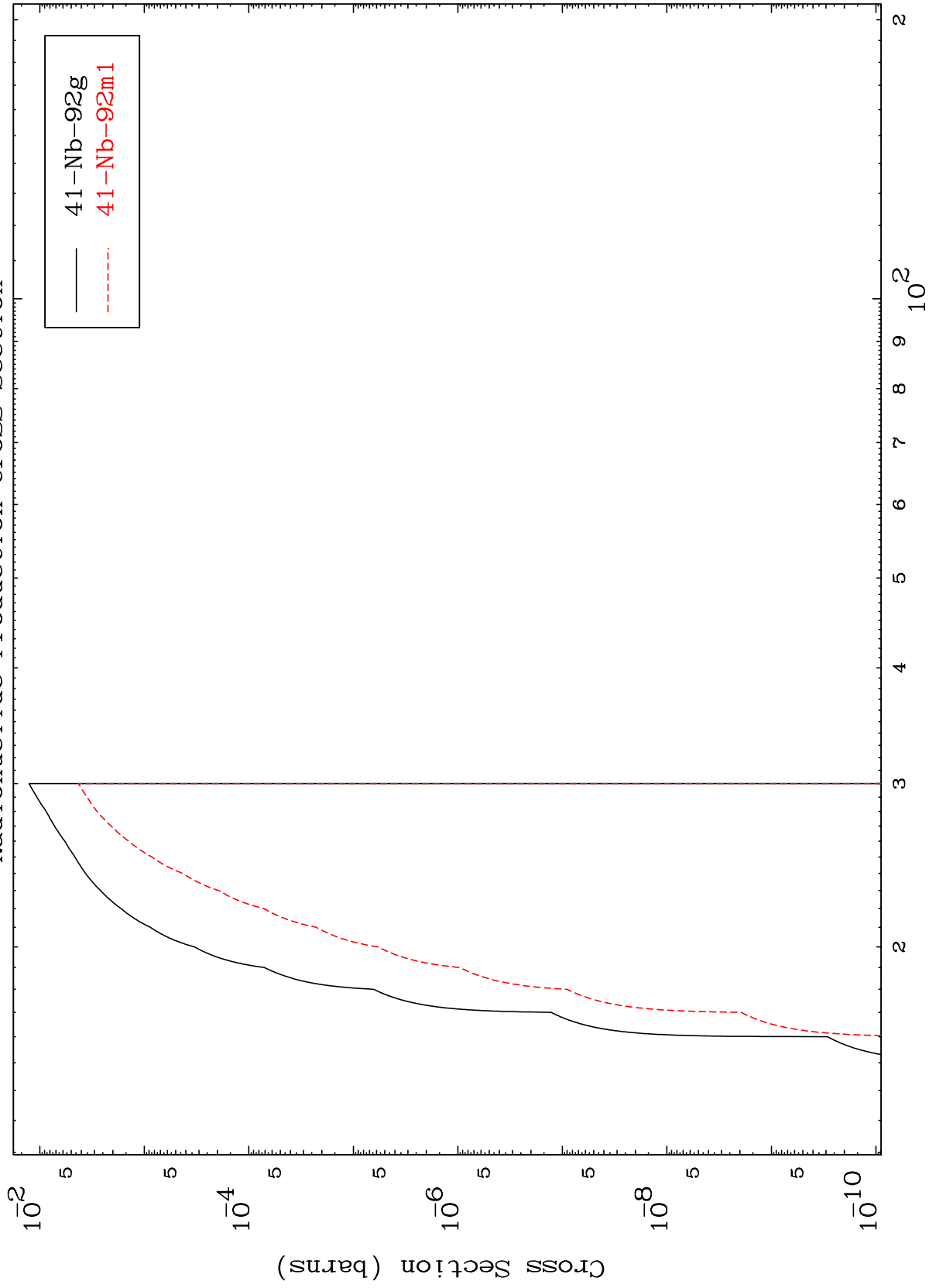
43-Tc-94

MAT 4310

(n,2n) p

43-Tc-94

Radionuclide Production Cross Section



115

Incident Energy (MeV)

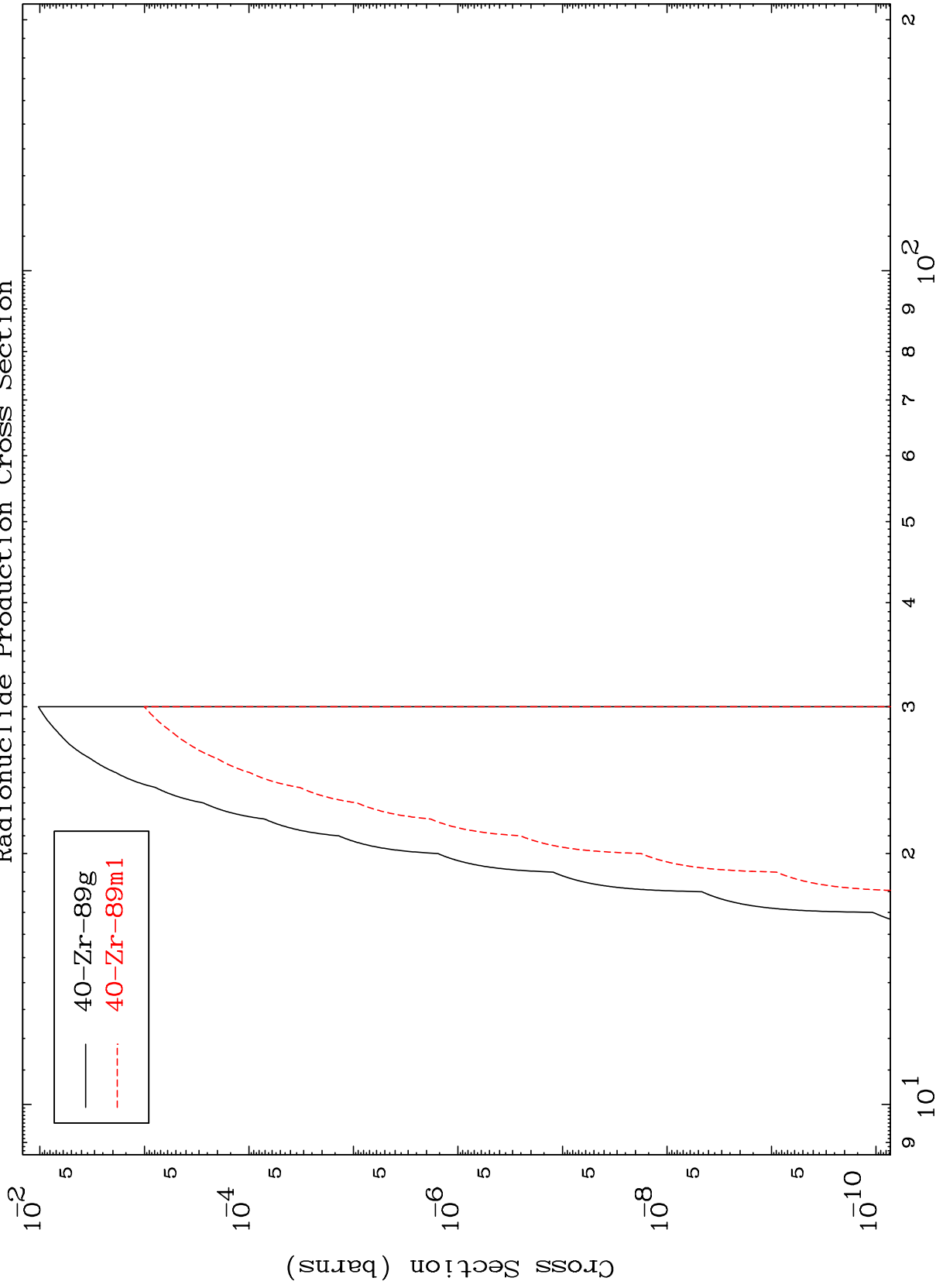
43-Tc-94

MAT 4310

(n,n') p α

43-Tc-94

Radionuclide Production Cross Section

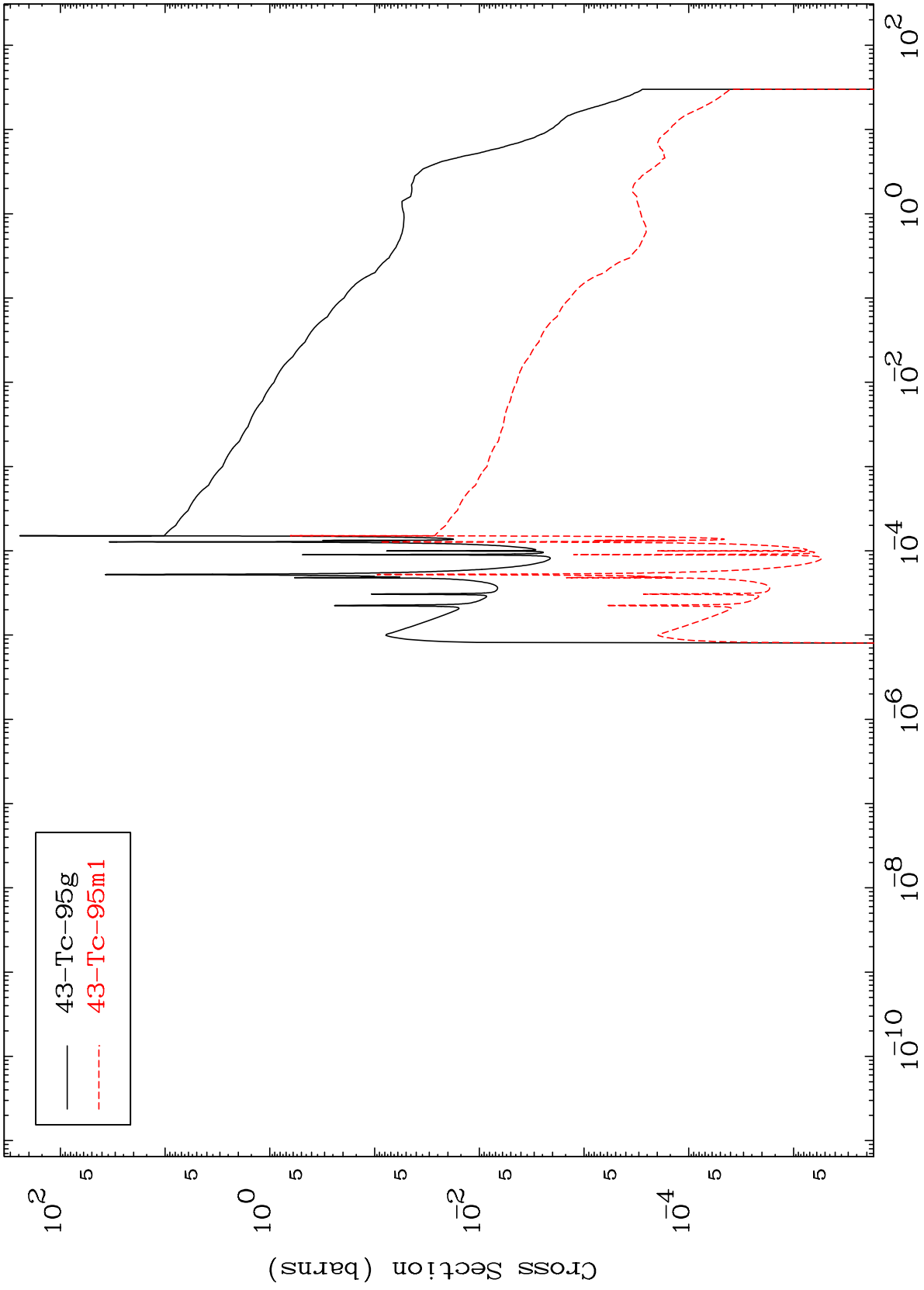


40-Zr-89g
40-Zr-89m1

MAT 4310

43-Tc-94

Radionuclide Production Cross Section (n,γ)



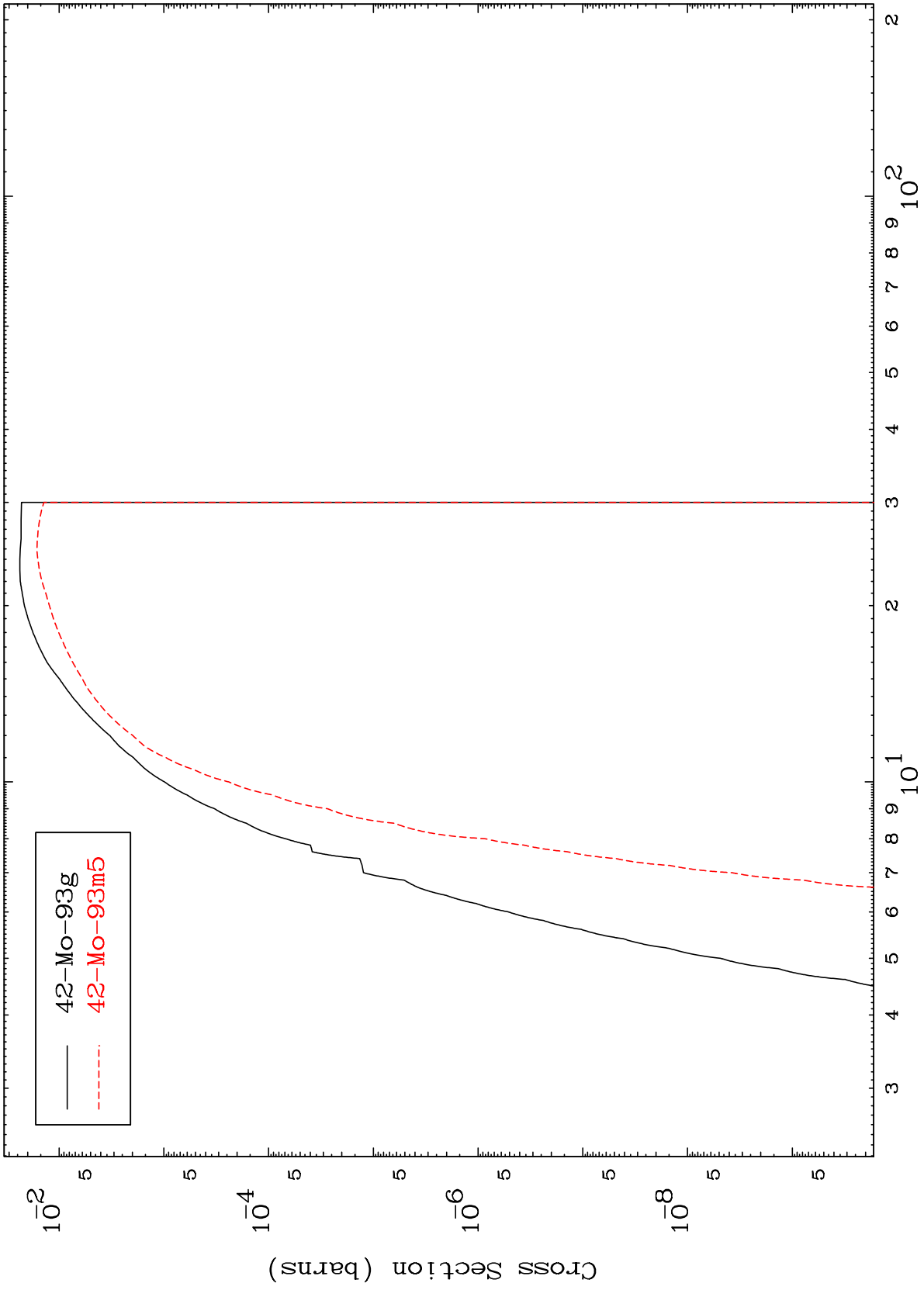
117

43-Tc-94

MAT 4310

43-Tc-94

(n,d)
Radionuclide Production Cross Section



118

43-Tc-94

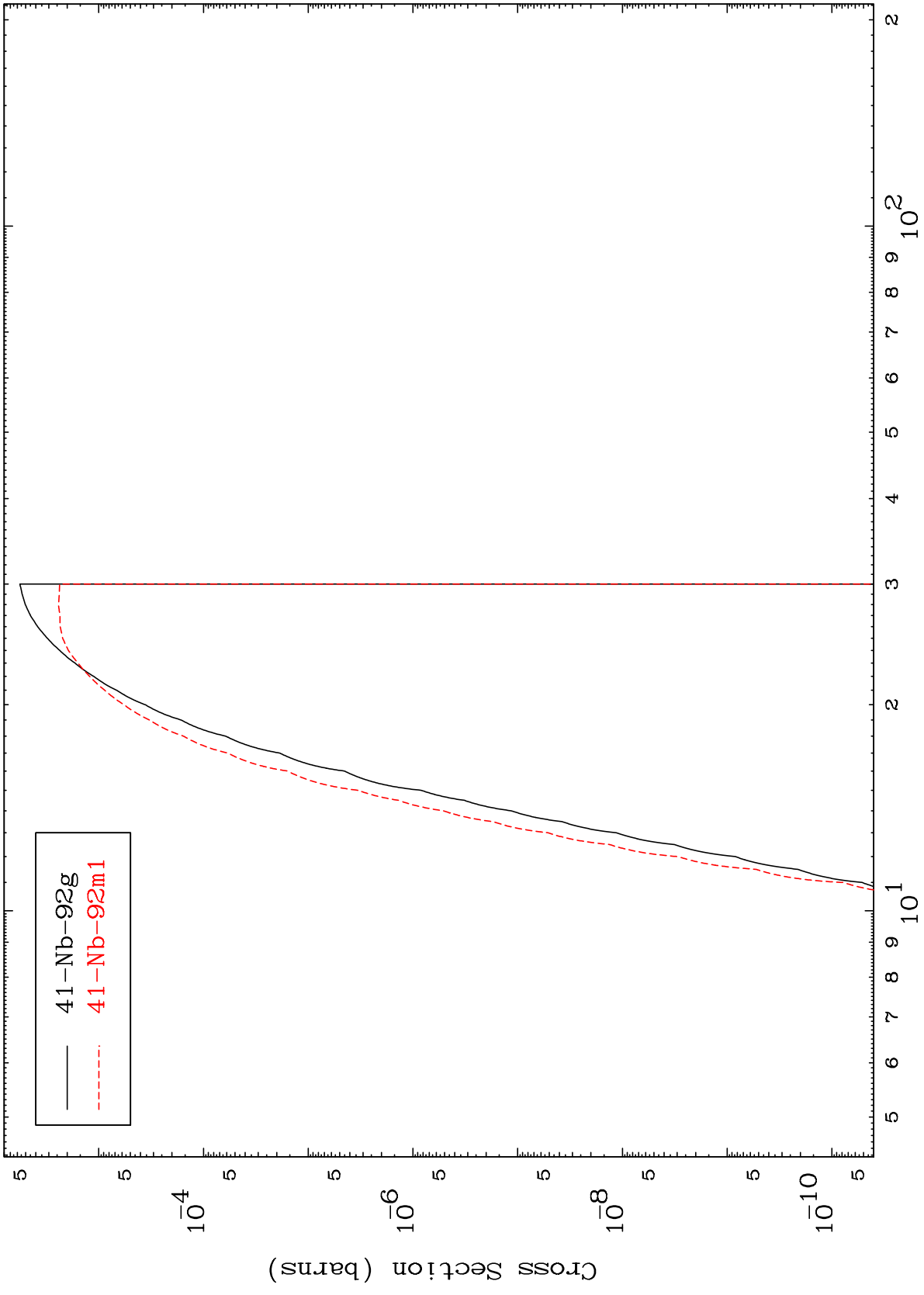
Incident Energy (MeV)

MAT 4310

(n, He-3)

43-Tc-94

Radionuclide Production Cross Section



119

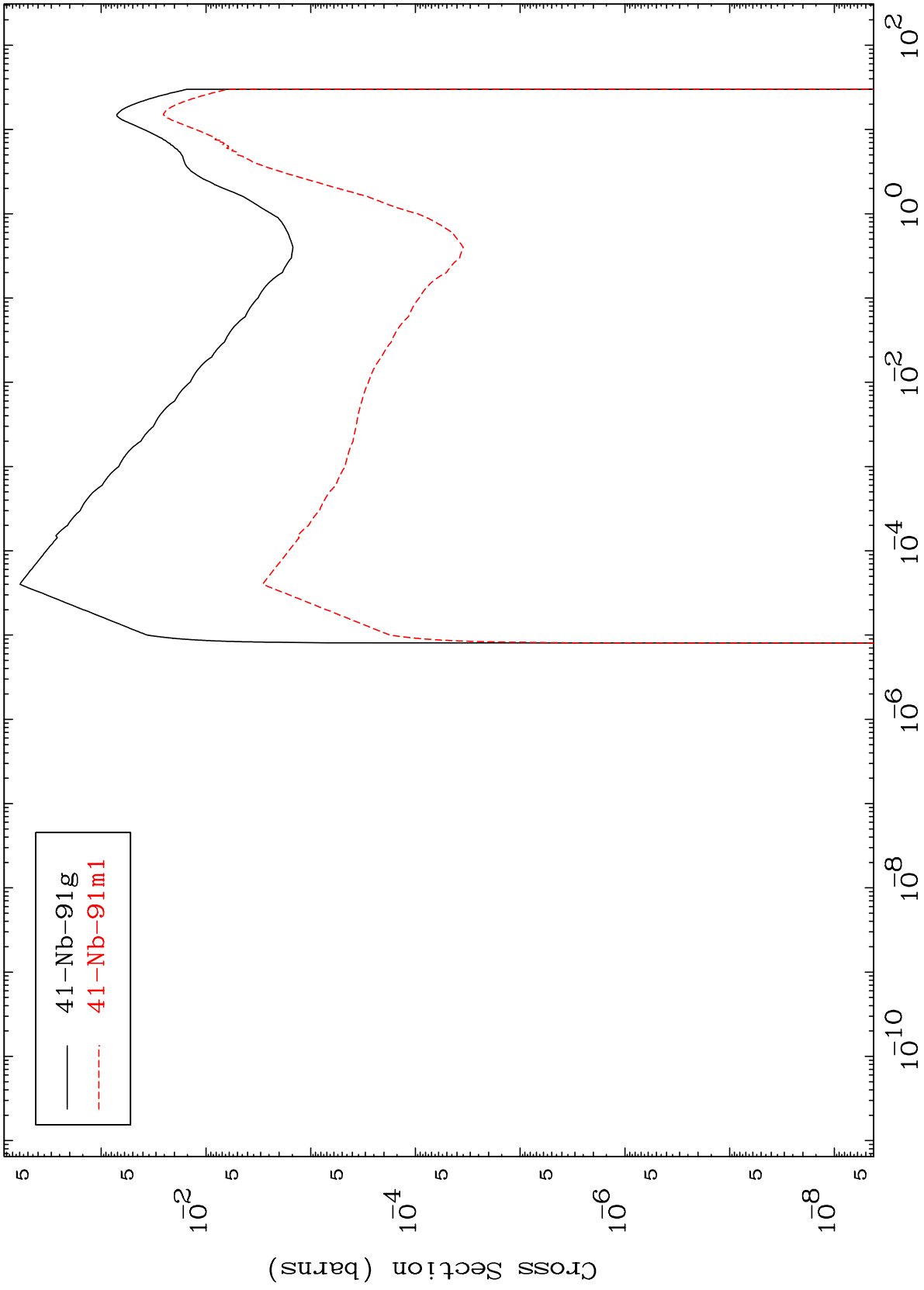
Incident Energy (MeV)

43-Tc-94

MAT 4310

(n, α)
Radionuclide Production Cross Section

43-Tc-94

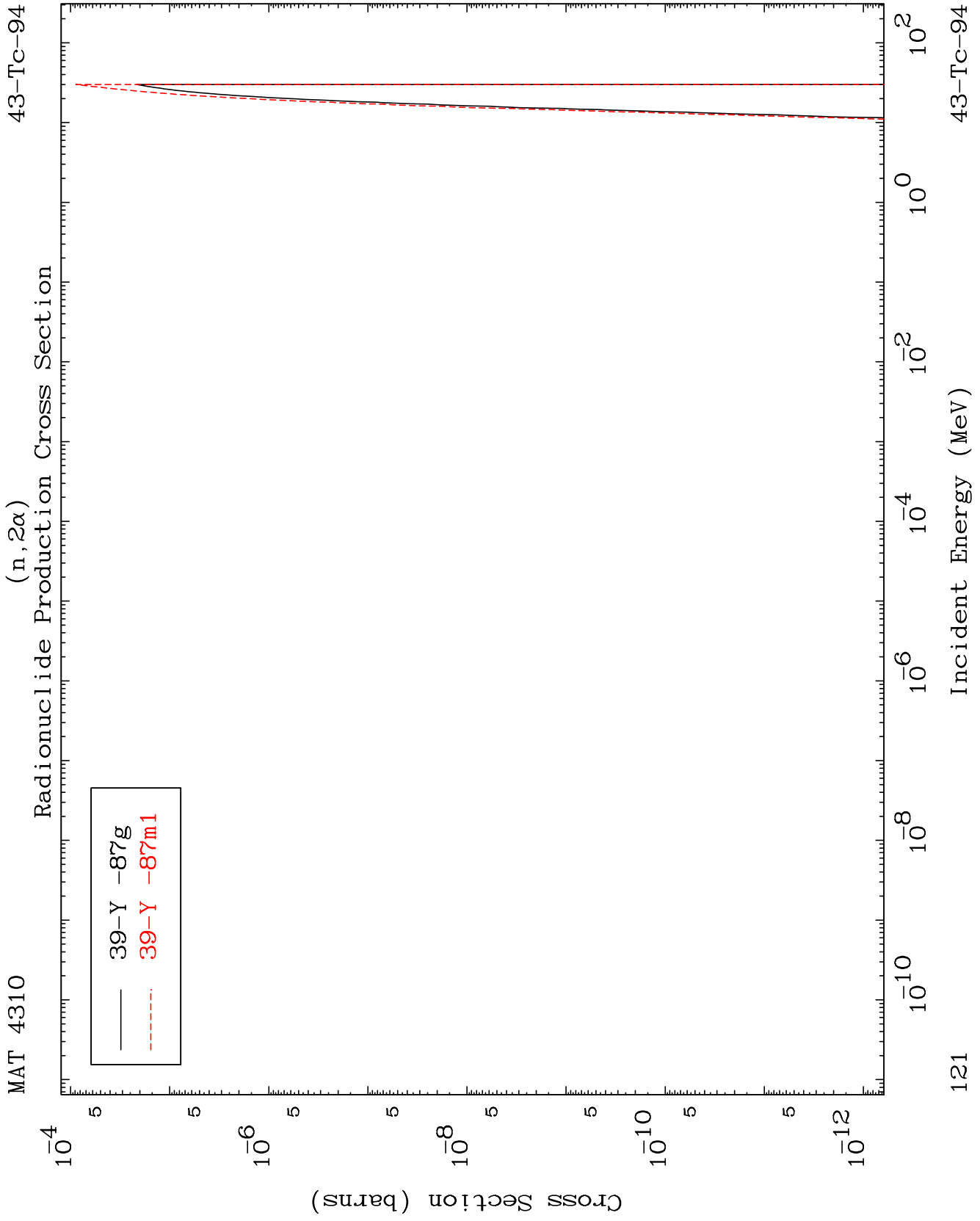


— 41-Nb-91g
- - - 41-Nb-91m1

120

Incident Energy (MeV)

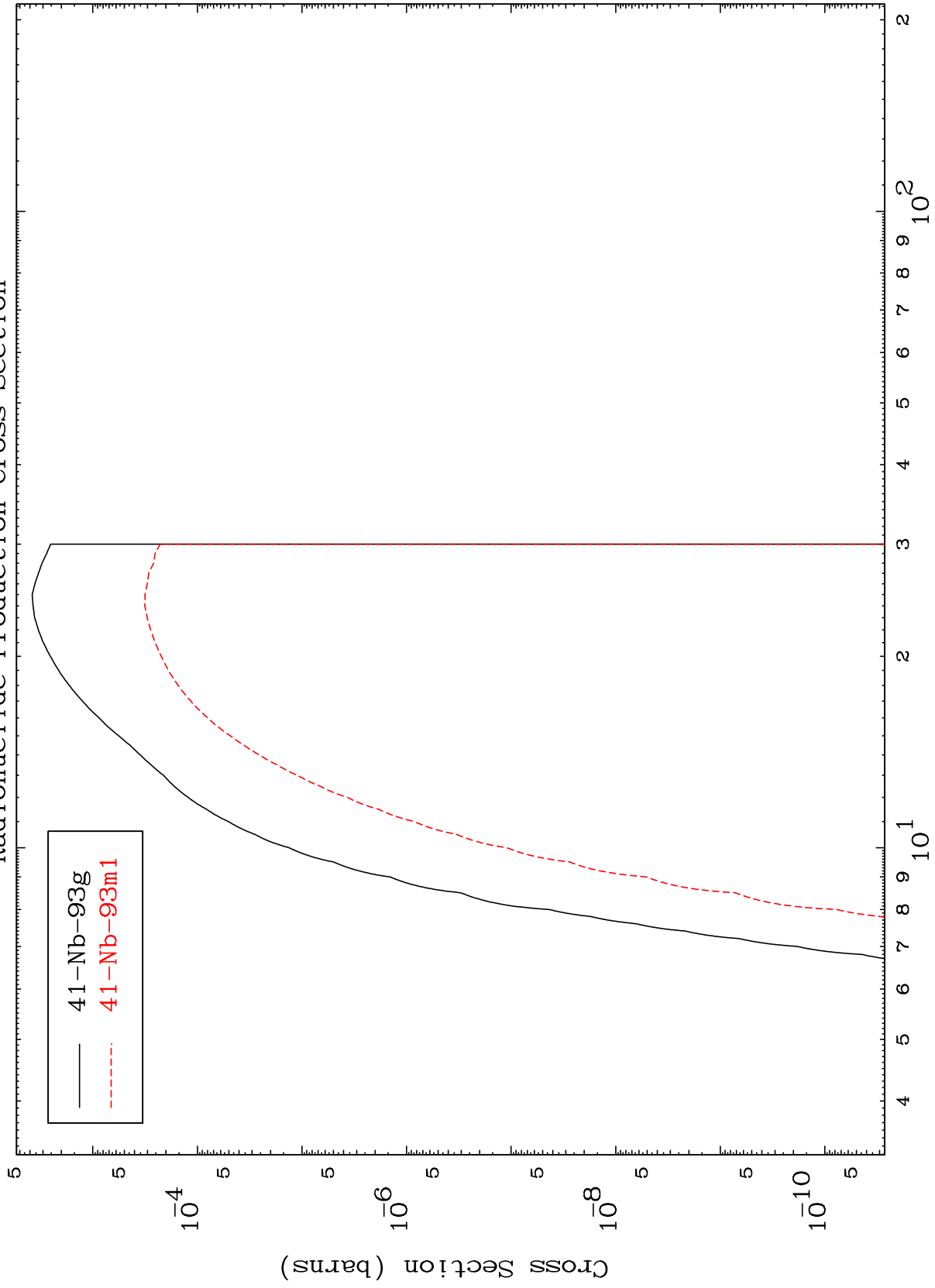
43-Tc-94



MAT 4310

43-Tc-94

Radionuclide Production Cross Section
(n,2p)



122

Incident Energy (MeV)

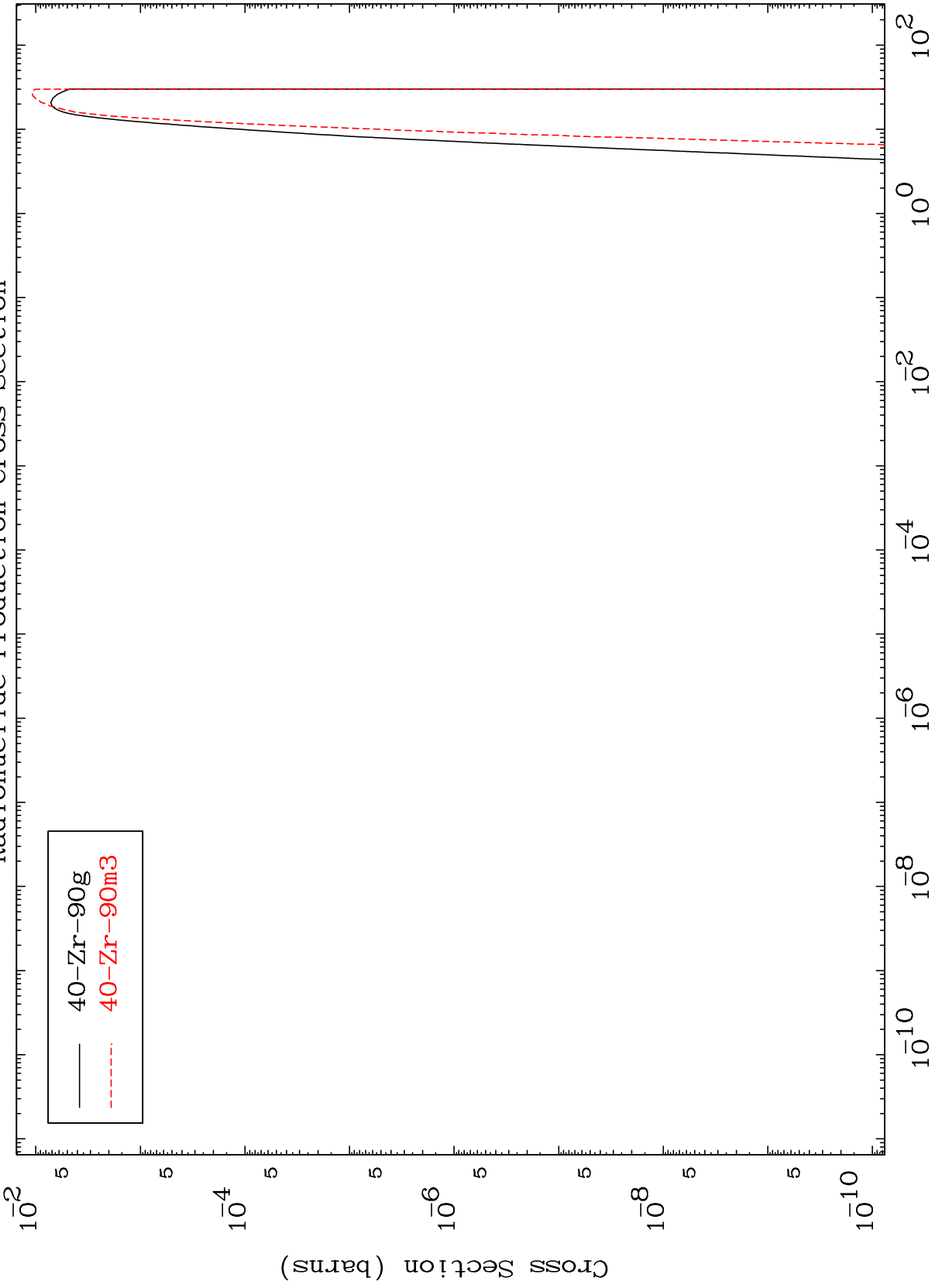
43-Tc-94

MAT 4310

(n,p) α

⁴³Tc-94

Radionuclide Production Cross Section



123

Incident Energy (MeV)

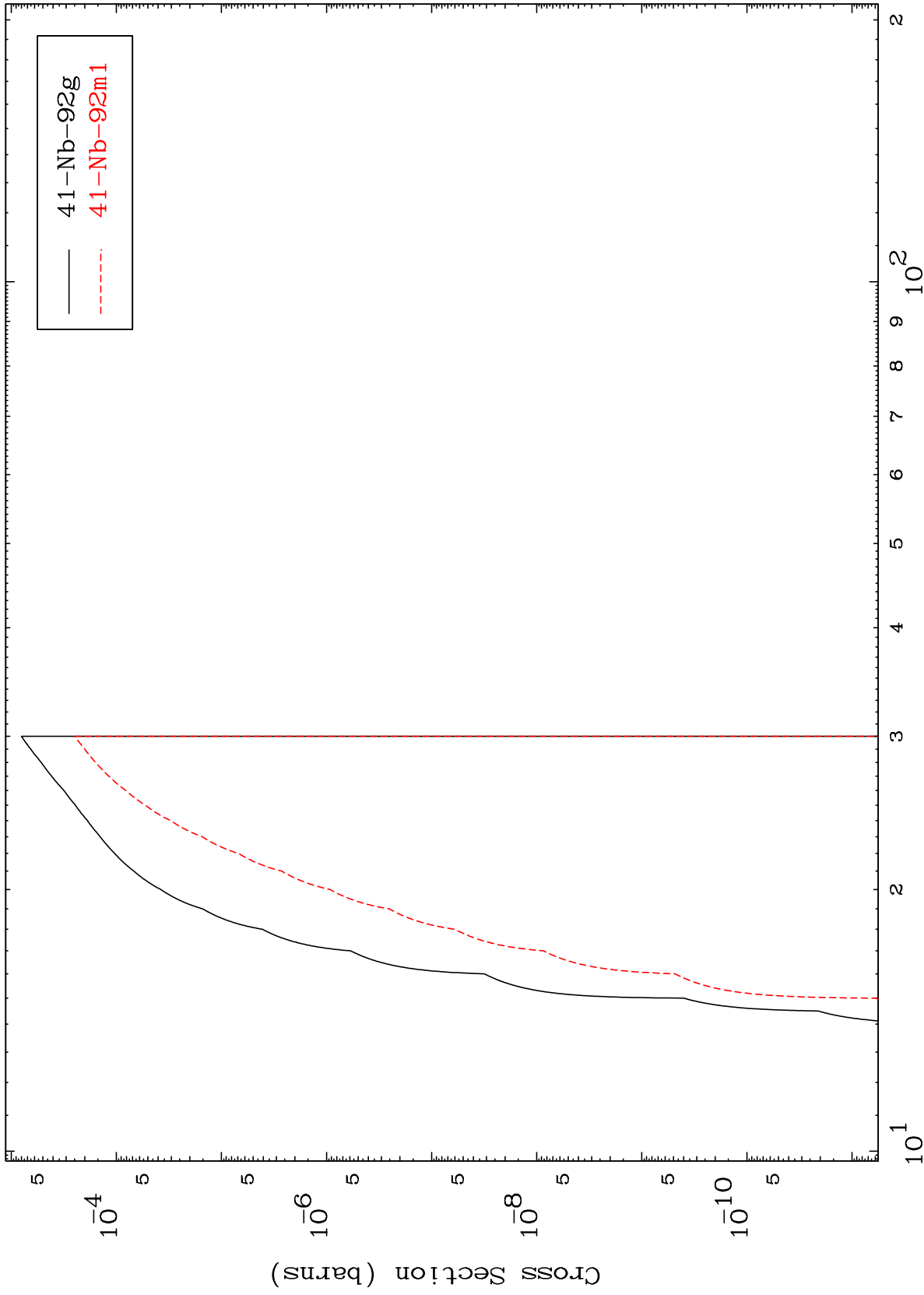
⁴³Tc-94

MAT 4310

(n,p) d

43-Tc-94

Radionuclide Production Cross Section



124

Incident Energy (MeV)

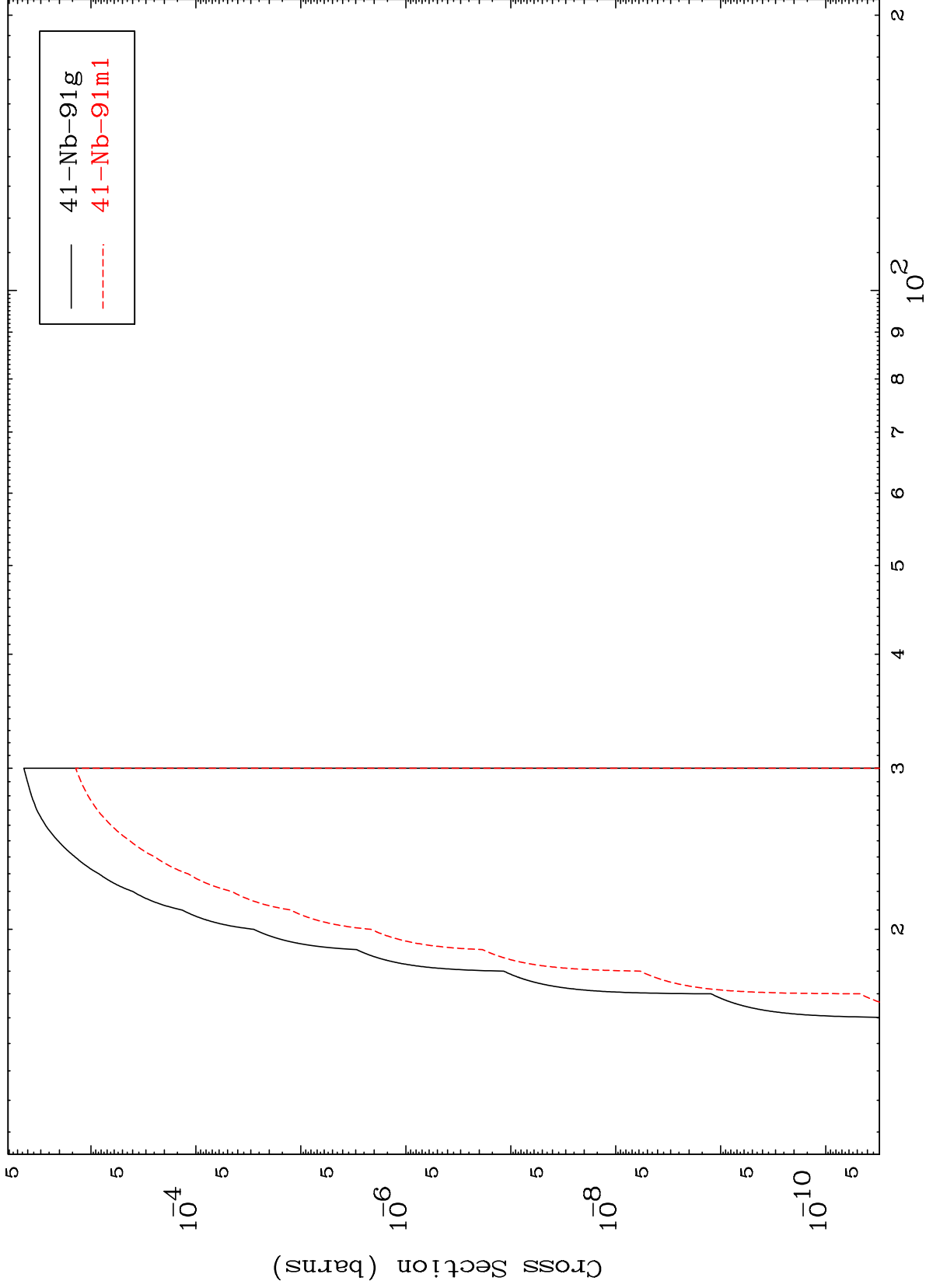
43-Tc-94

MAT 4310

(n,p) t

43-Tc-94

Radionuclide Production Cross Section



125

Incident Energy (MeV)

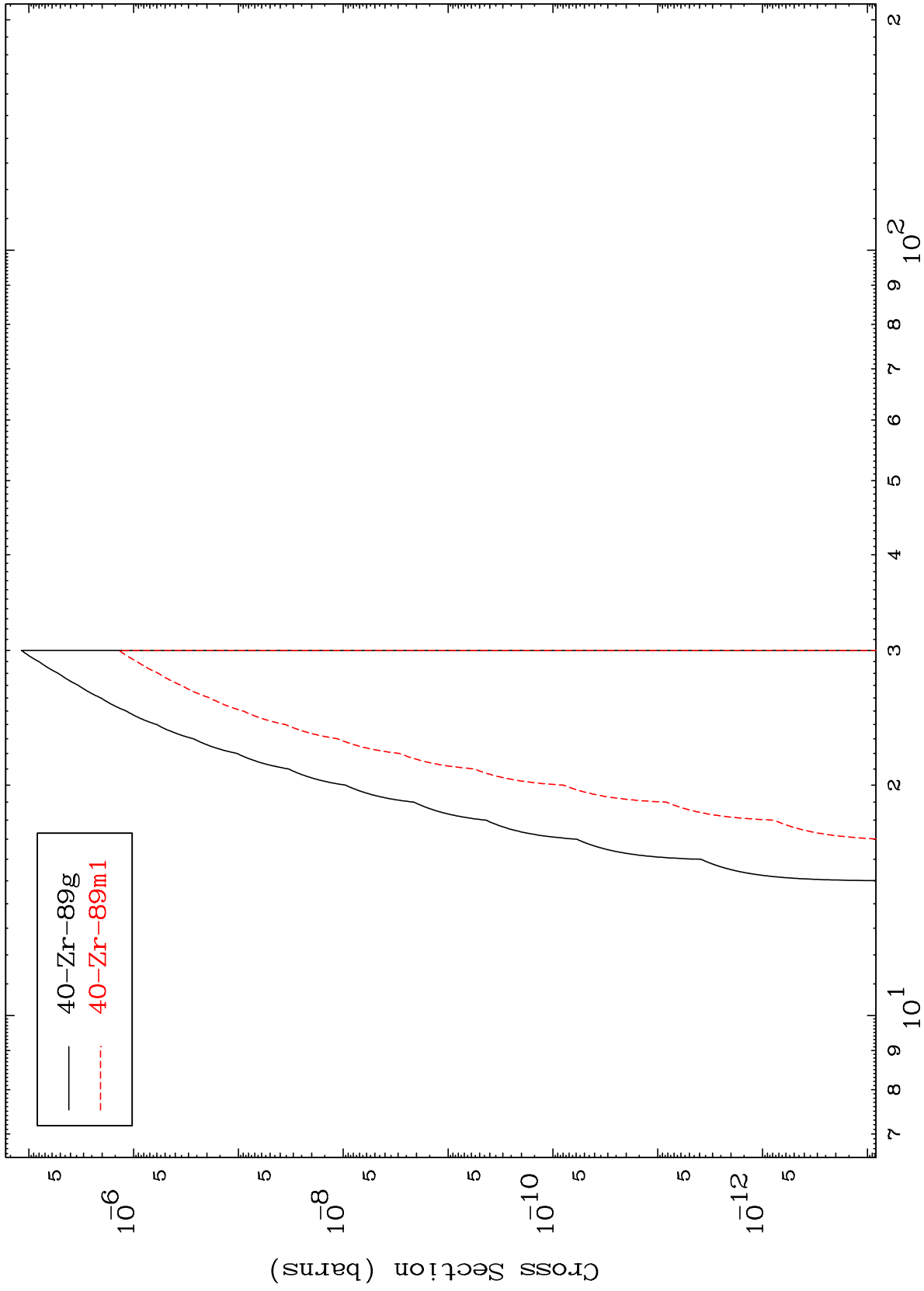
43-Tc-94

MAT 4310

(n,d) α

43-Tc-94

Radionuclide Production Cross Section



126

43-Tc-94