

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

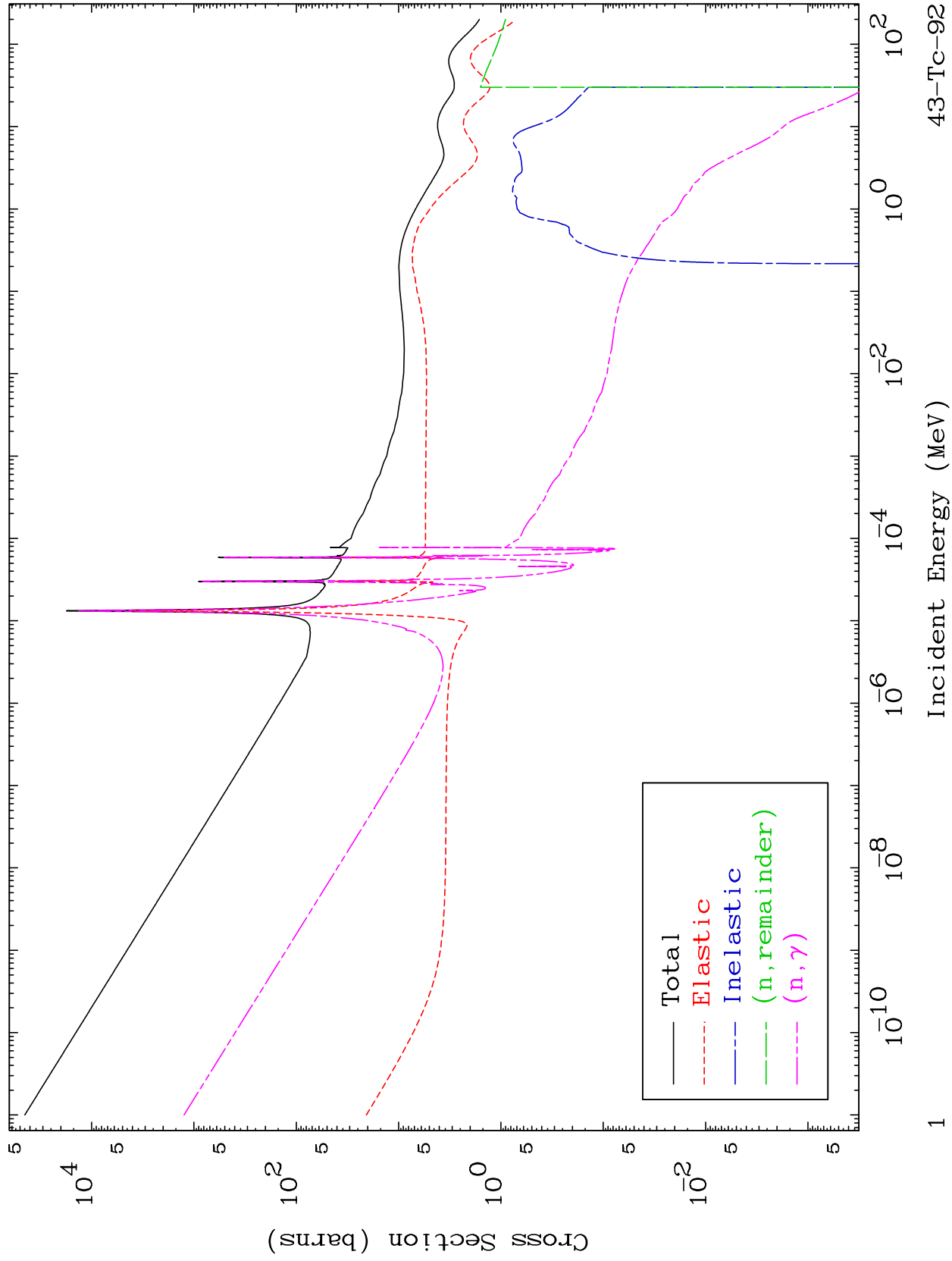
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4304

Major  
293 Kelvin Cross Sections

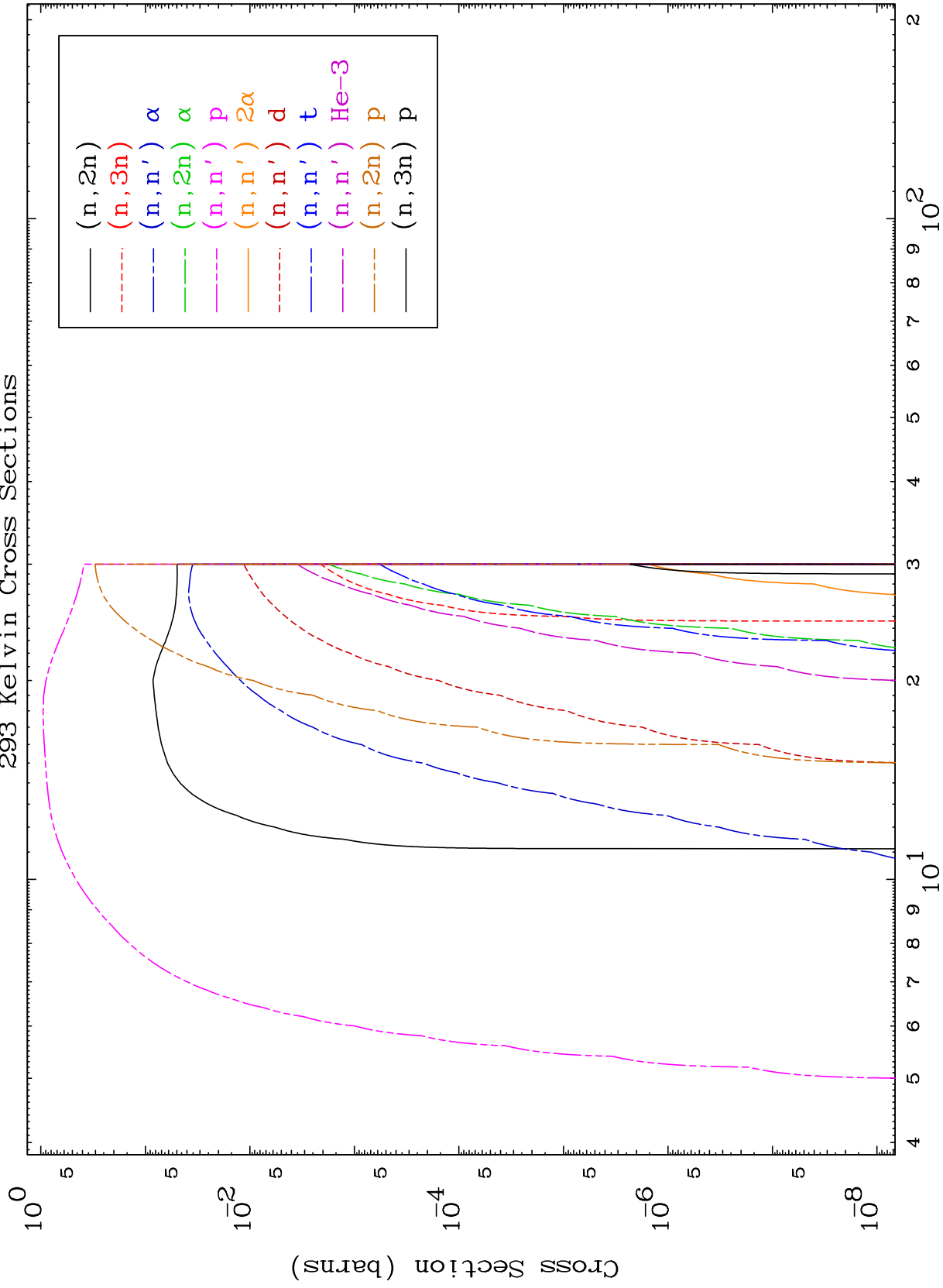
43-Tc-92



MAT 4304

Neutron Production  
293 Kelvin Cross Sections

43-Tc-92



2

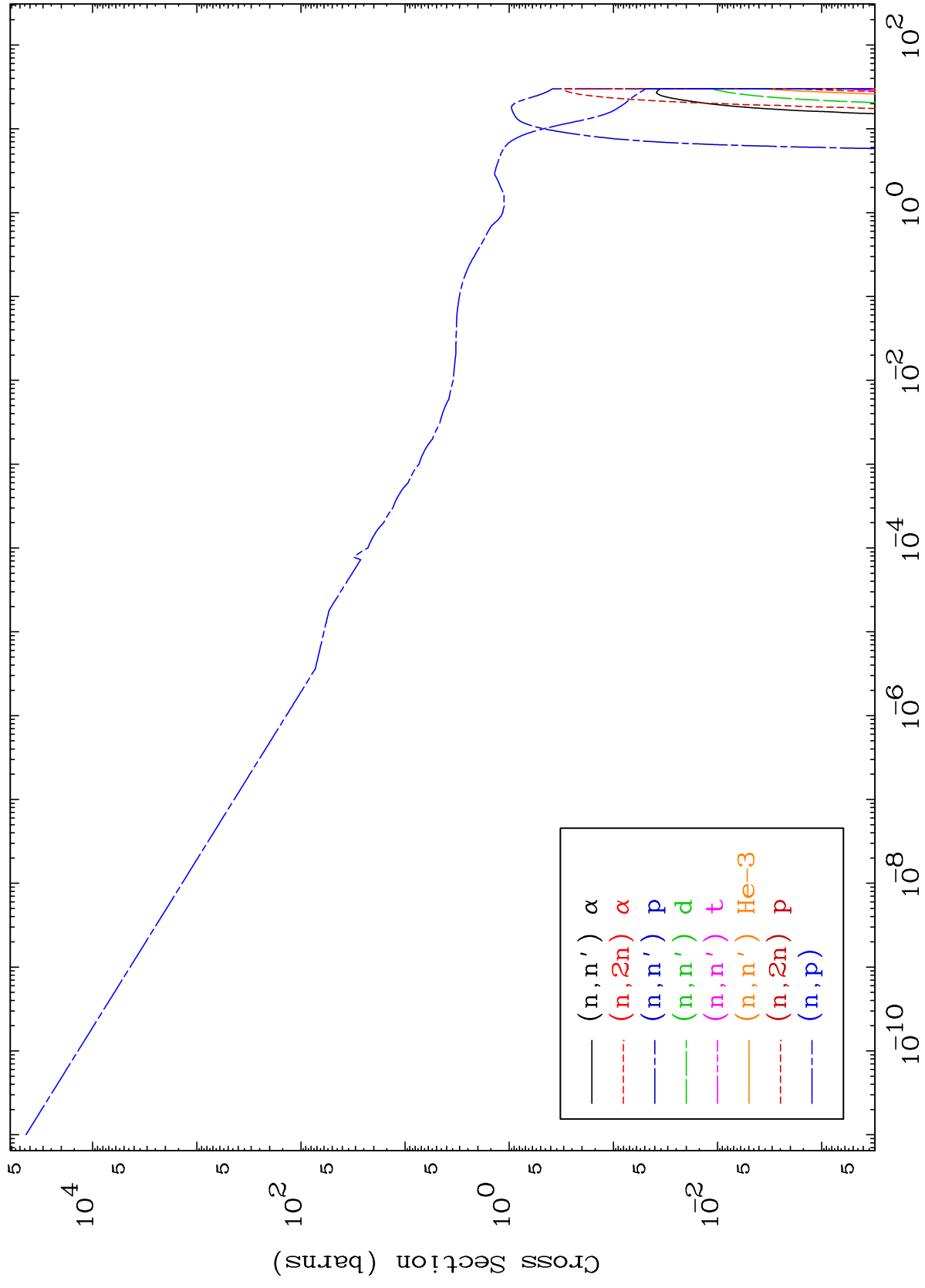
Incident Energy (MeV)

43-Tc-92

MAT 4304

Charged Particle  
293 Kelvin Cross Sections

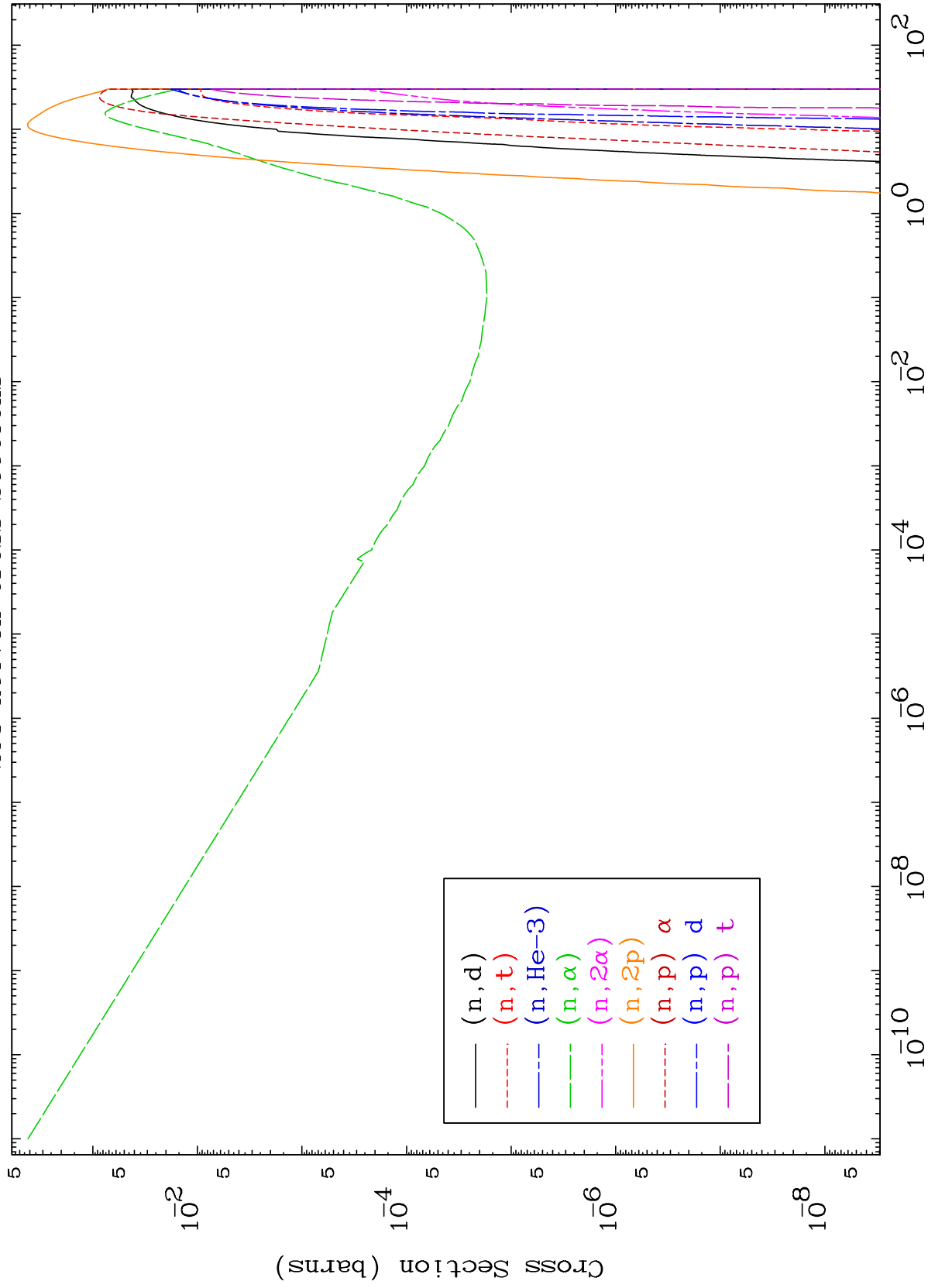
43-Tc-92



MAT 4304

Charged Particle  
293 Kelvin Cross Sections

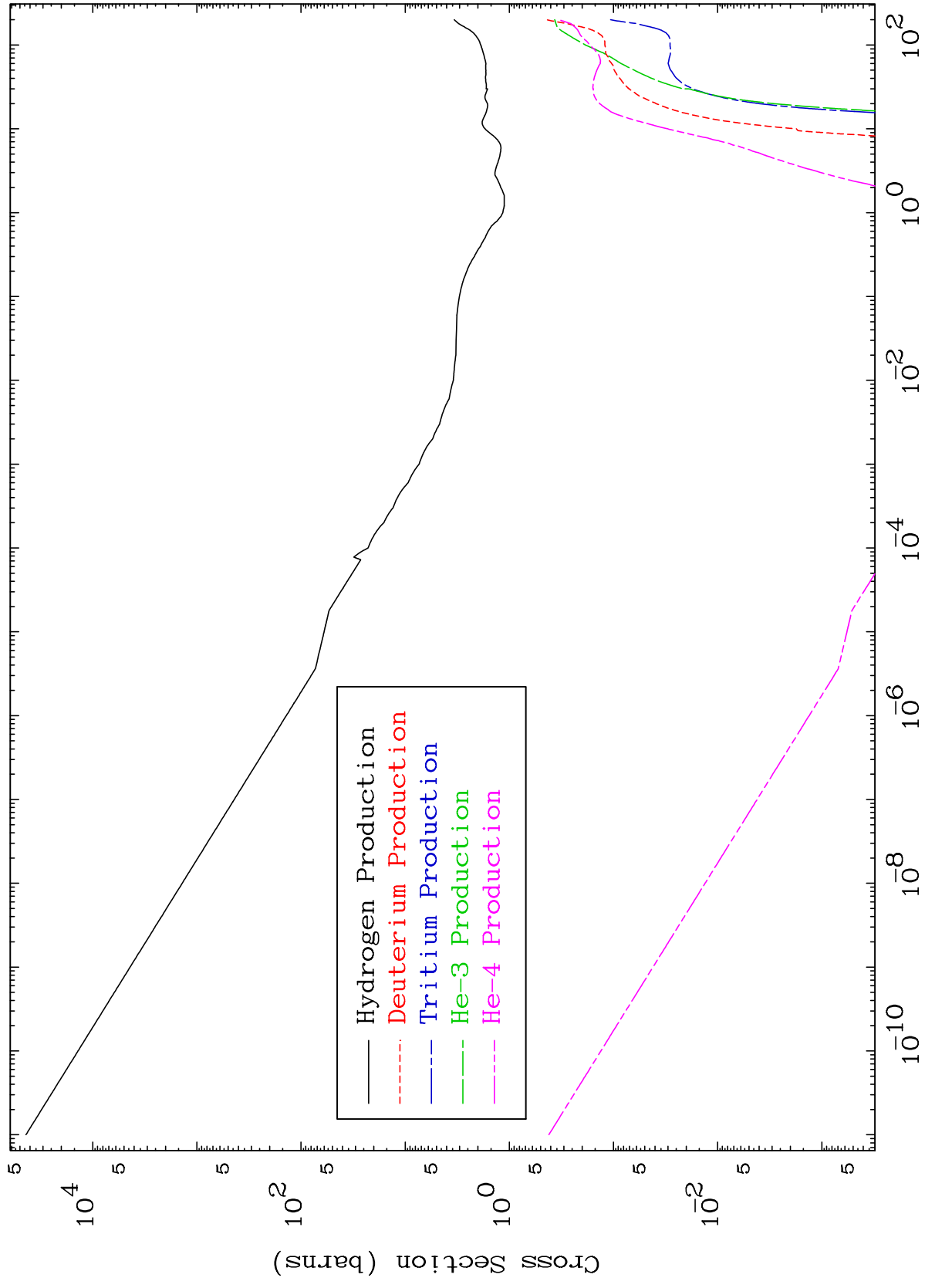
43-Tc-92



MAT 4304

Particle Production  
293 Kelvin Cross Sections

43-Tc-92



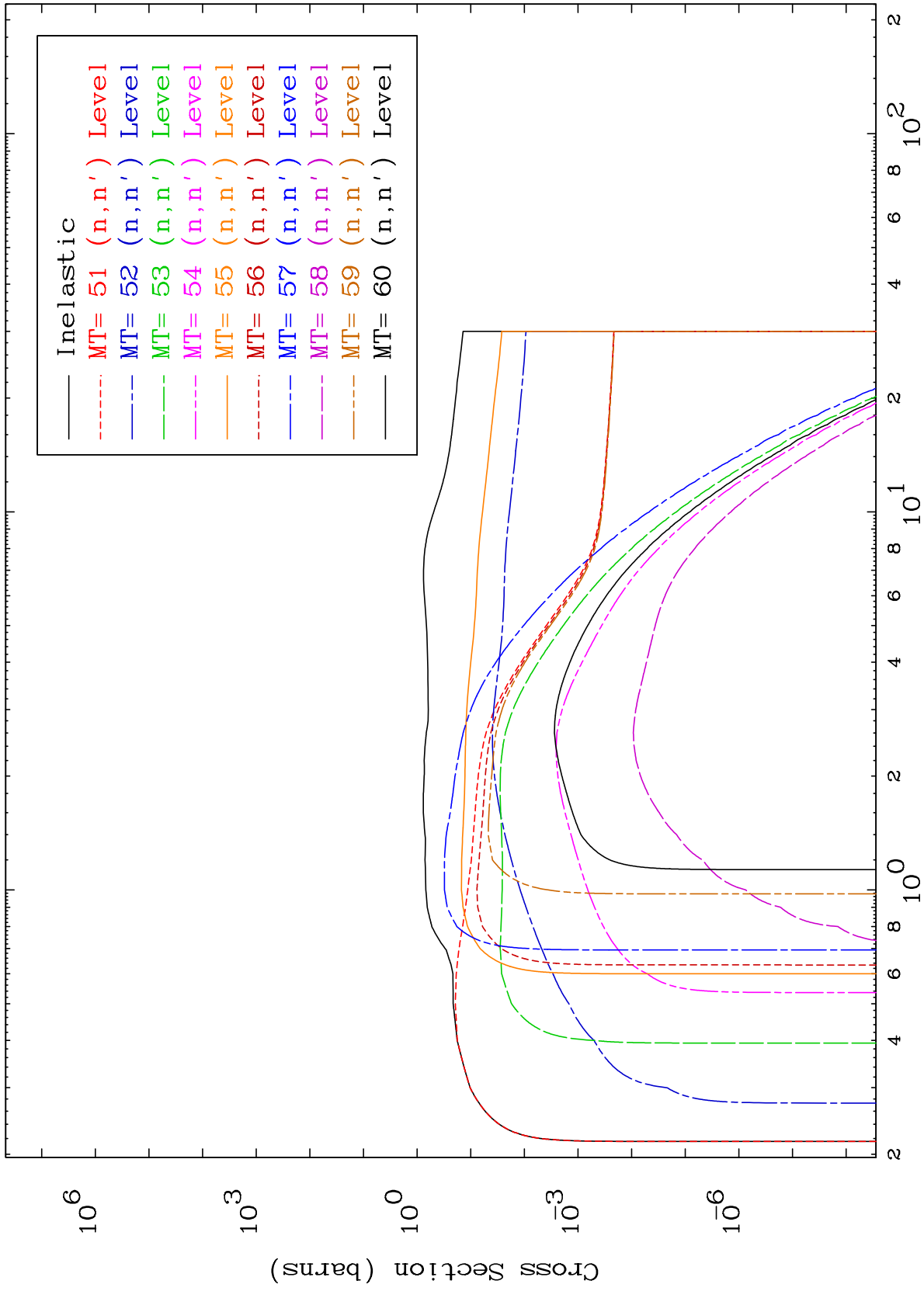
5

43-Tc-92

MAT 4304

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-92



6

Incident Energy (MeV)

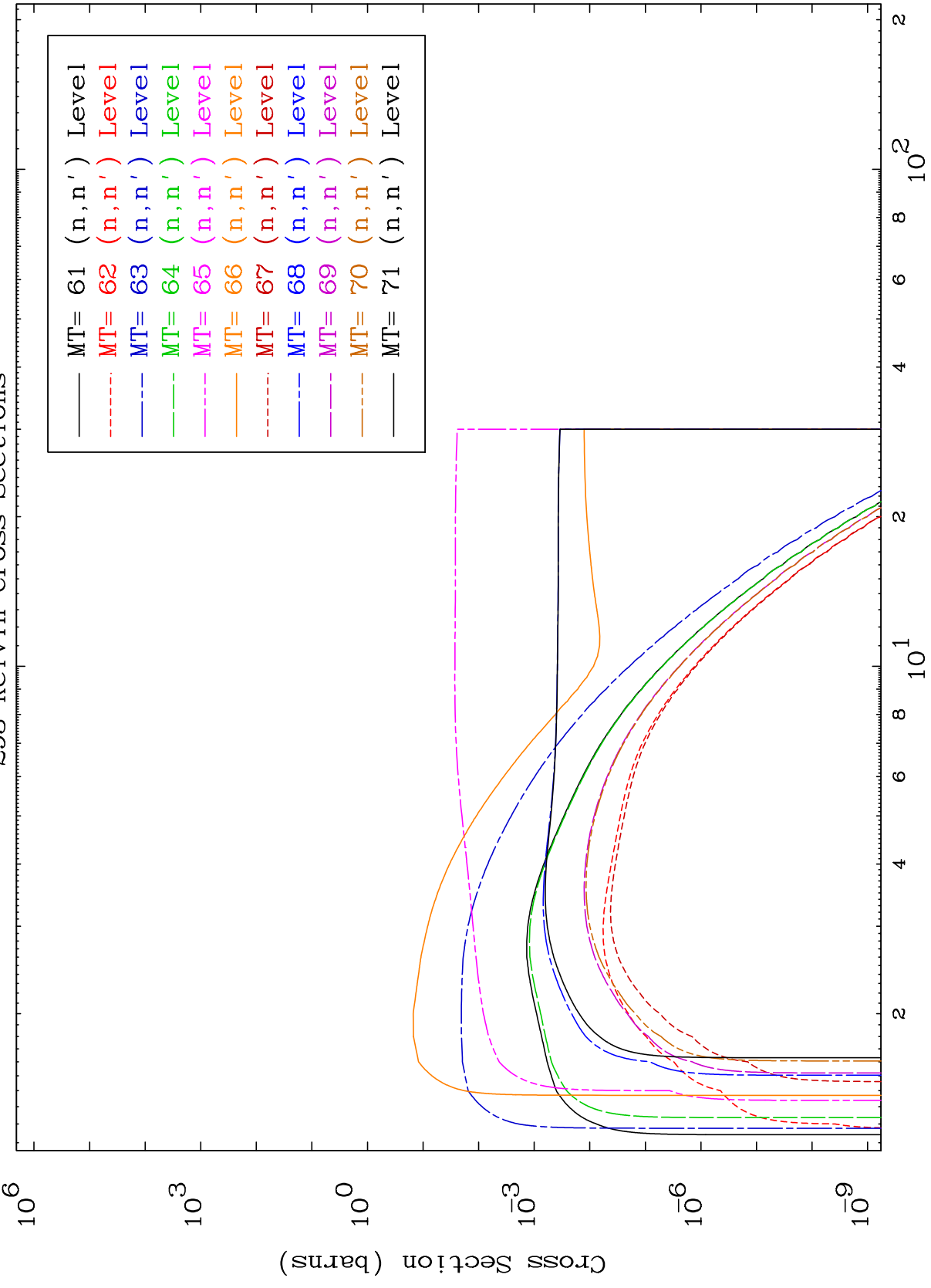
43-Tc-92

MAT 4304

(n,n') Level

43-Tc-92

293 Kelvin Cross Sections



7

Incident Energy (MeV)

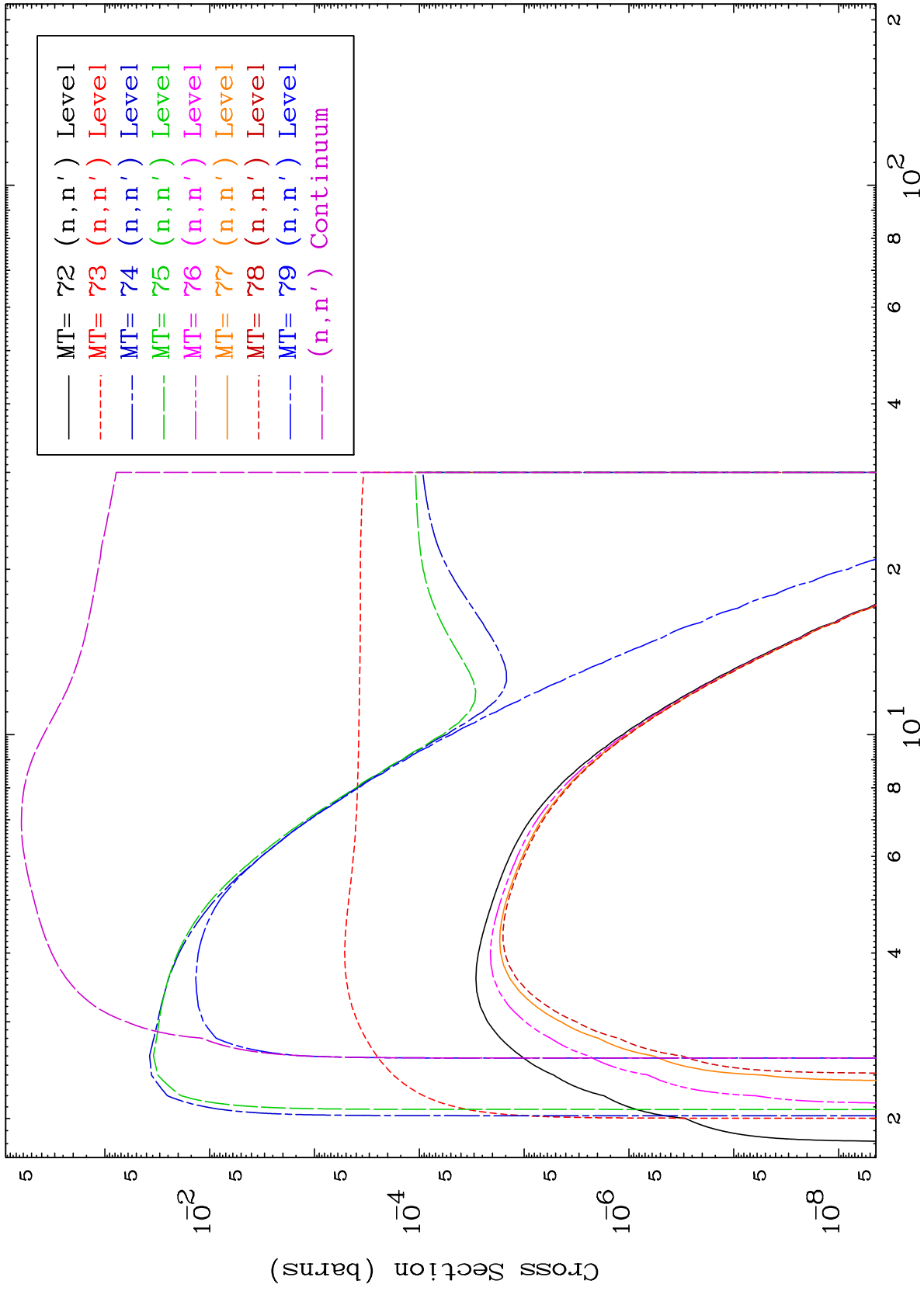
43-Tc-92



MAT 4304

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-92



8

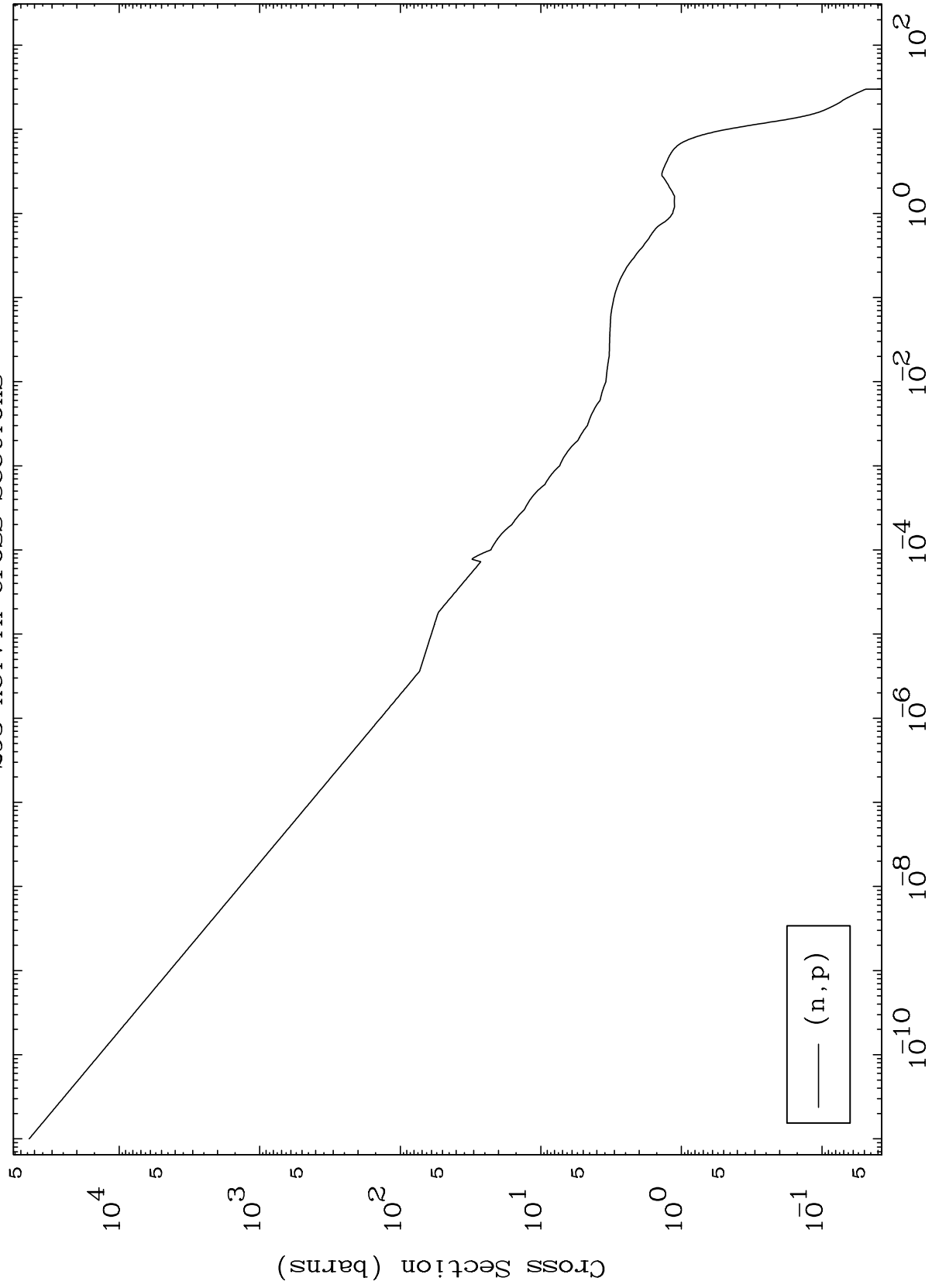
Incident Energy (MeV)

43-Tc-92

MAT 4304

(n,p) Levels  
293 Kelvin Cross Sections

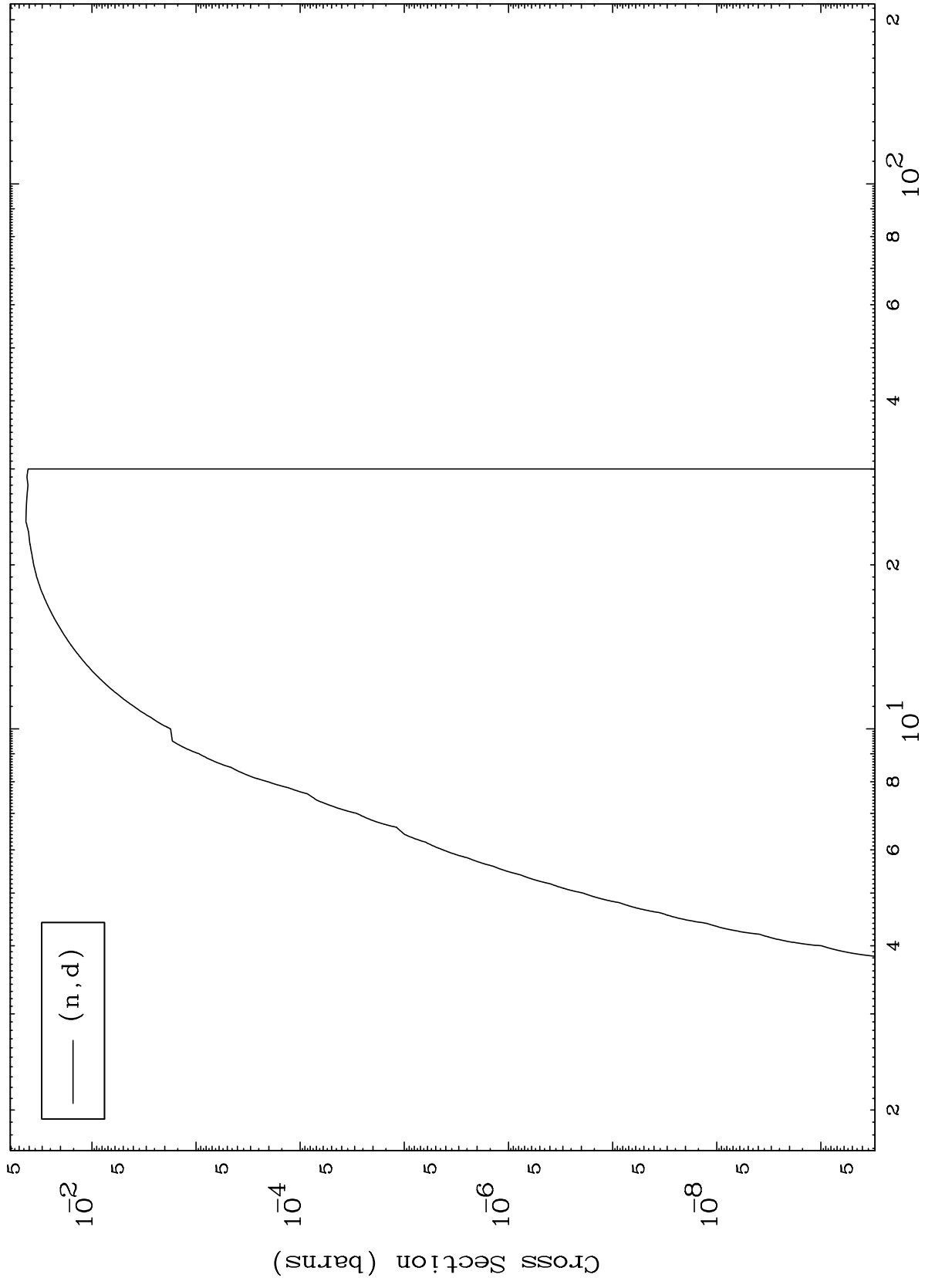
43-Tc-92



MAT 4304

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-92



10

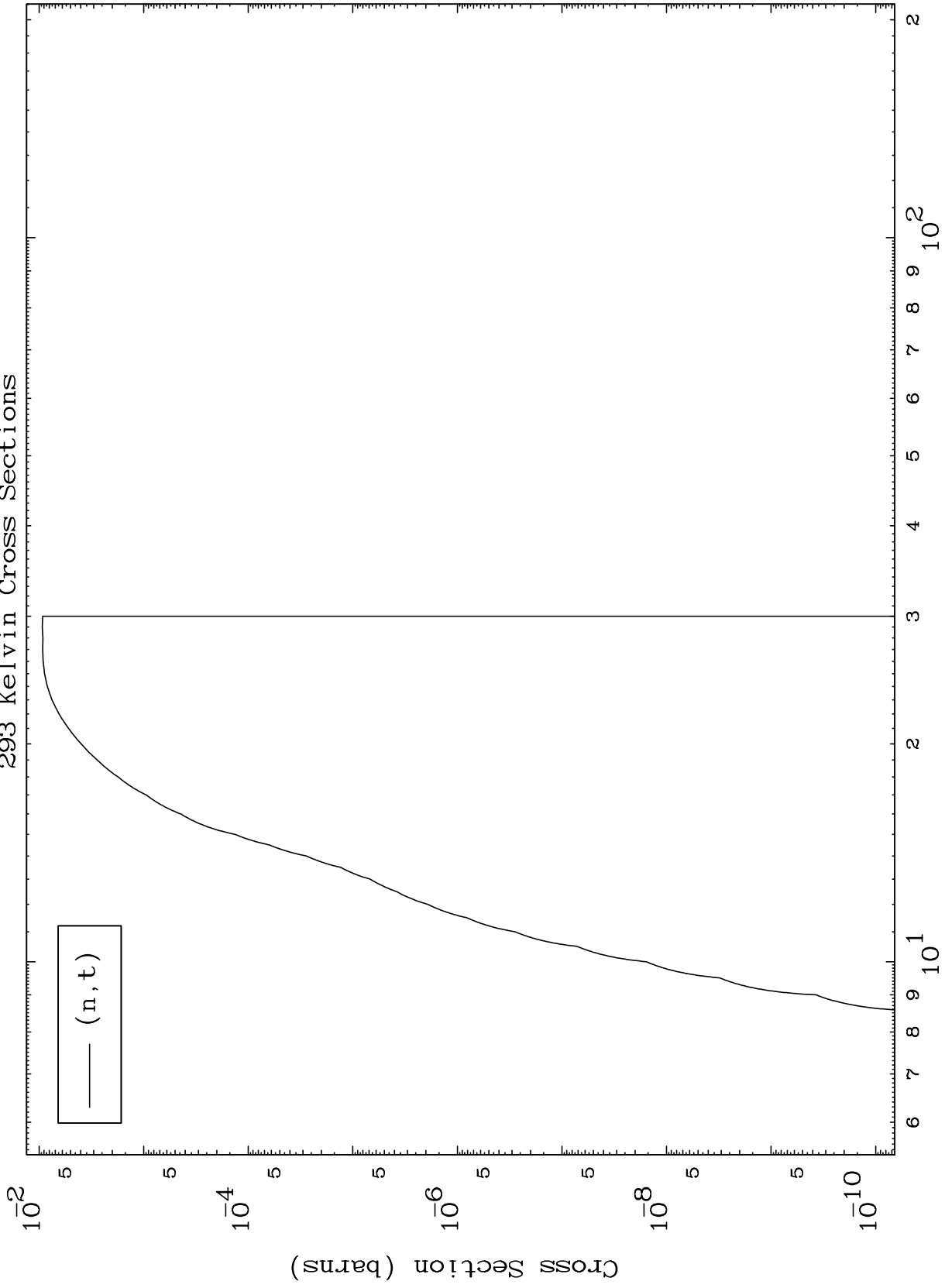
Incident Energy (MeV)

43-Tc-92

MAT 4304

(n,t) Levels  
293 Kelvin Cross Sections

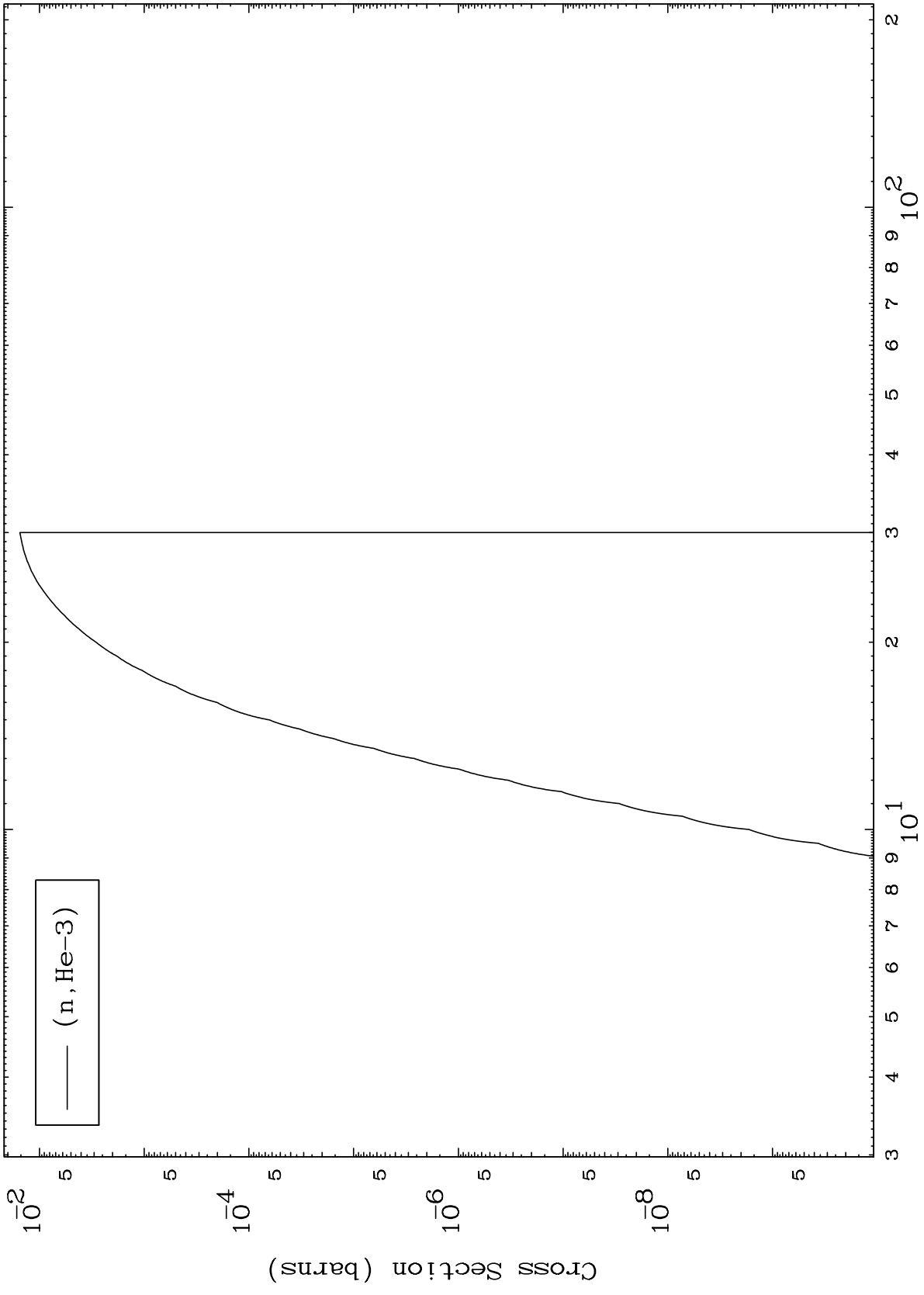
43-Tc-92



MAT 4304

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-92



12

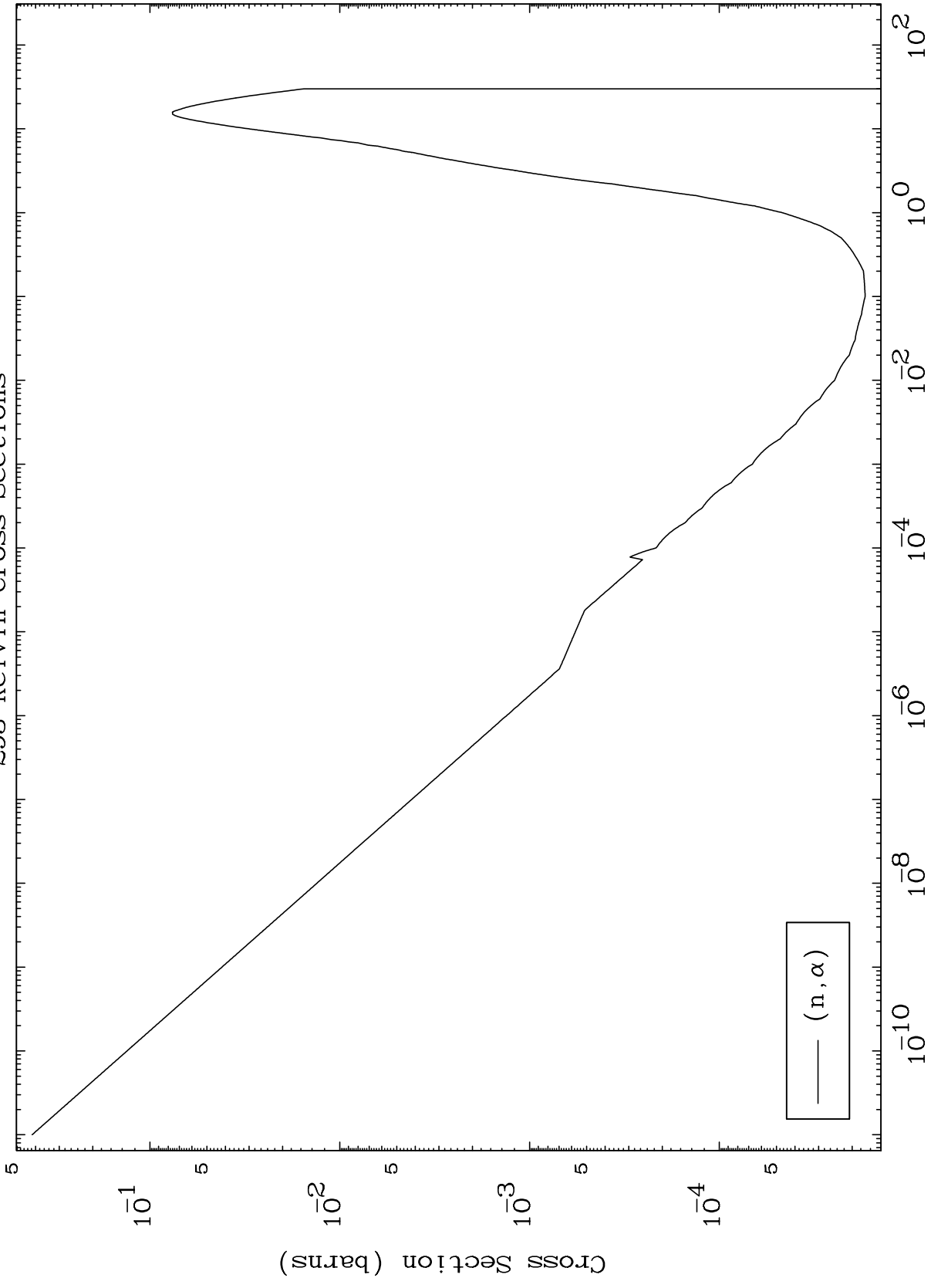
Incident Energy (MeV)

43-Tc-92

MAT 4304

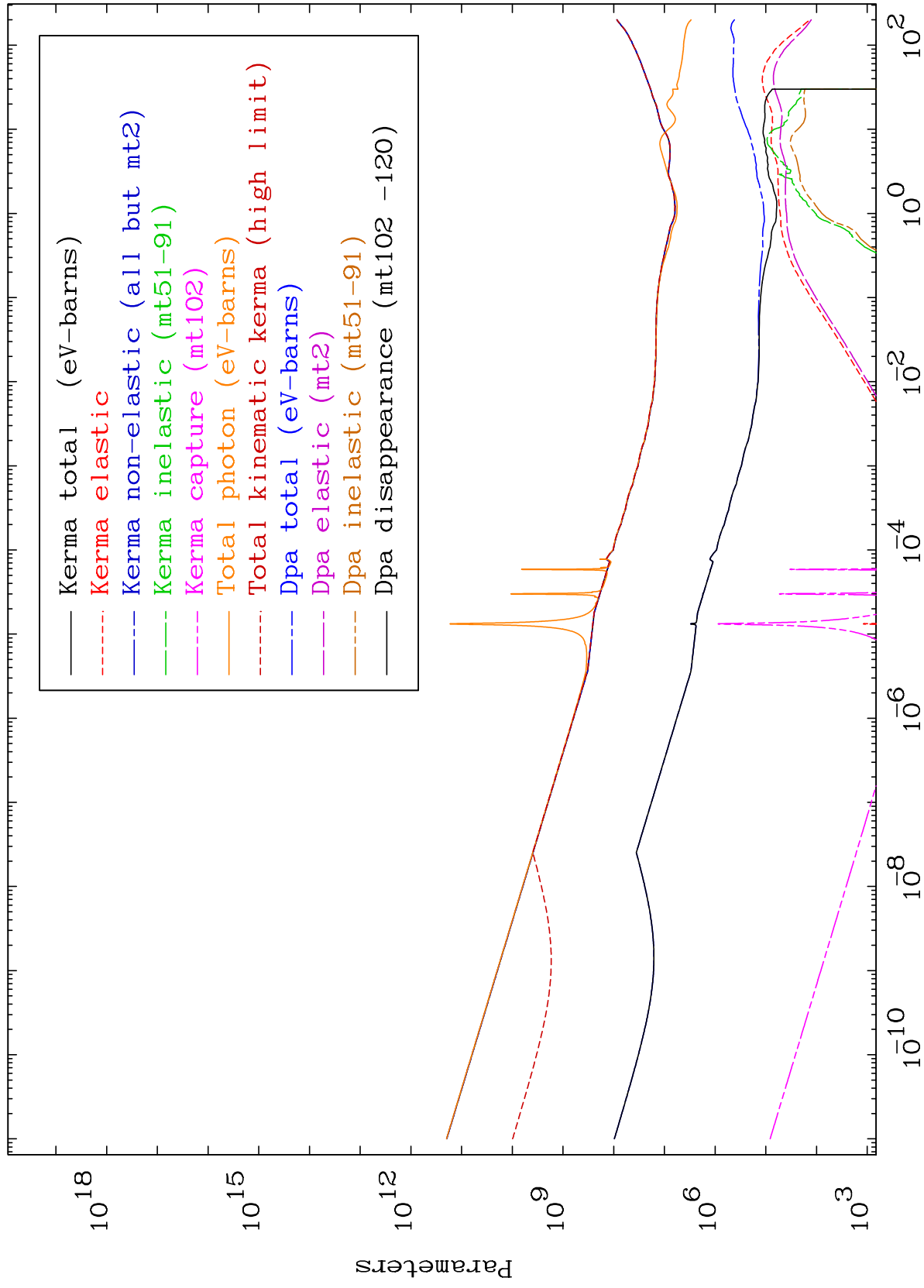
(n,α) Levels  
293 Kelvin Cross Sections

43-Tc-92



13

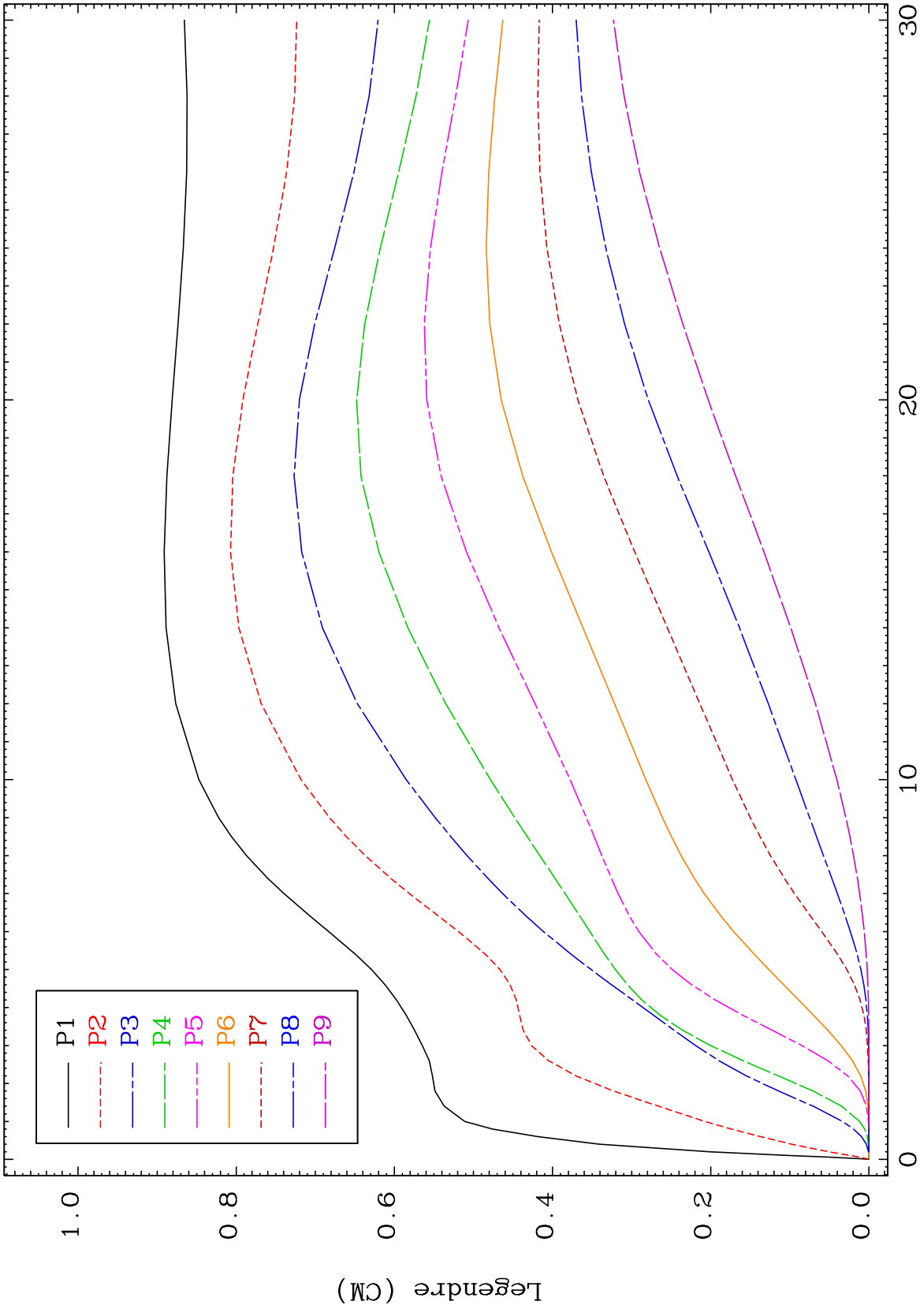
43-Tc-92



MAT 4304

Elastic Legendre Coefficients

43-Tc-92



15

Incident Energy (MeV)

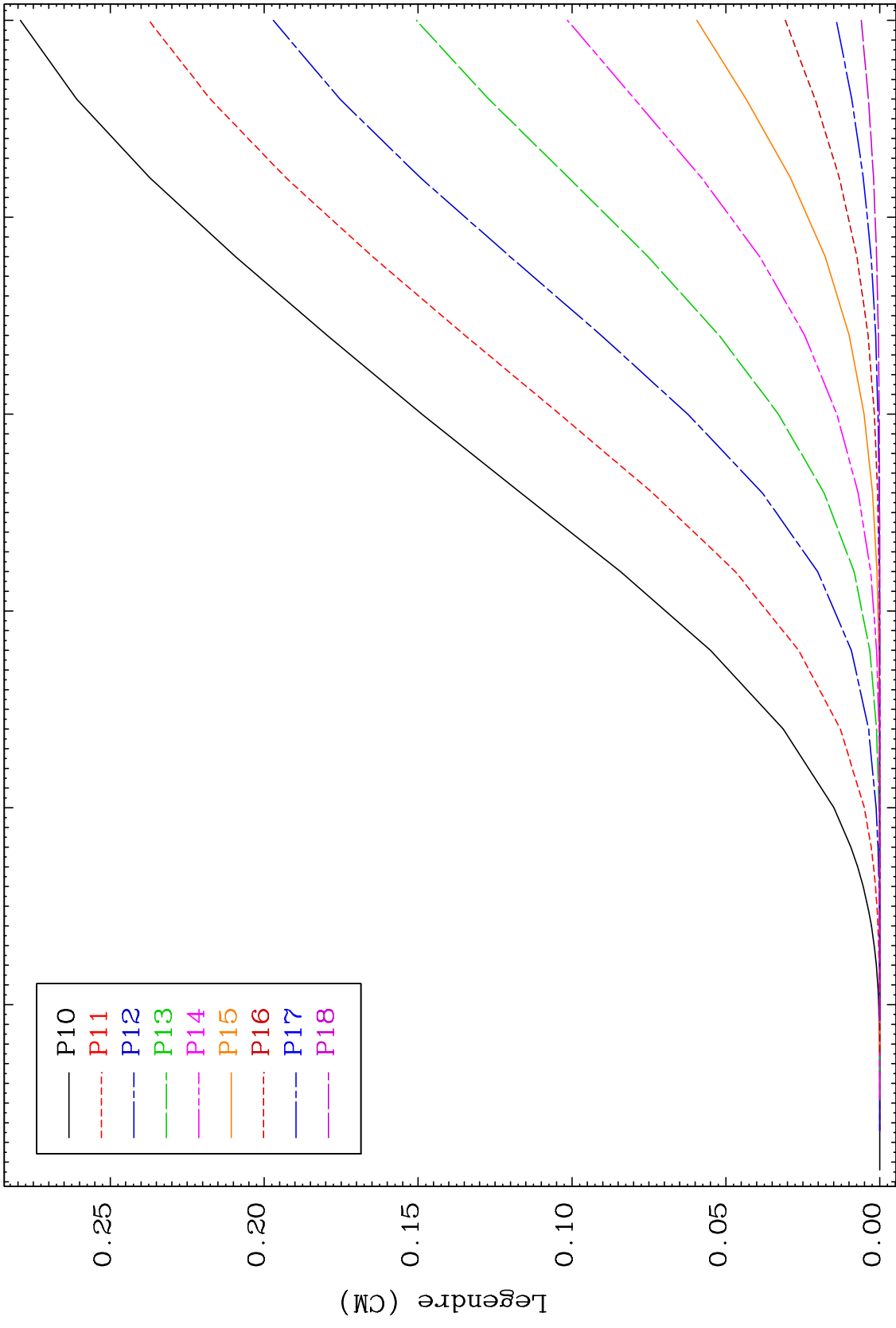
43-Tc-92



MAT 4304

Elastic Legendre Coefficients

43-Tc-92



16

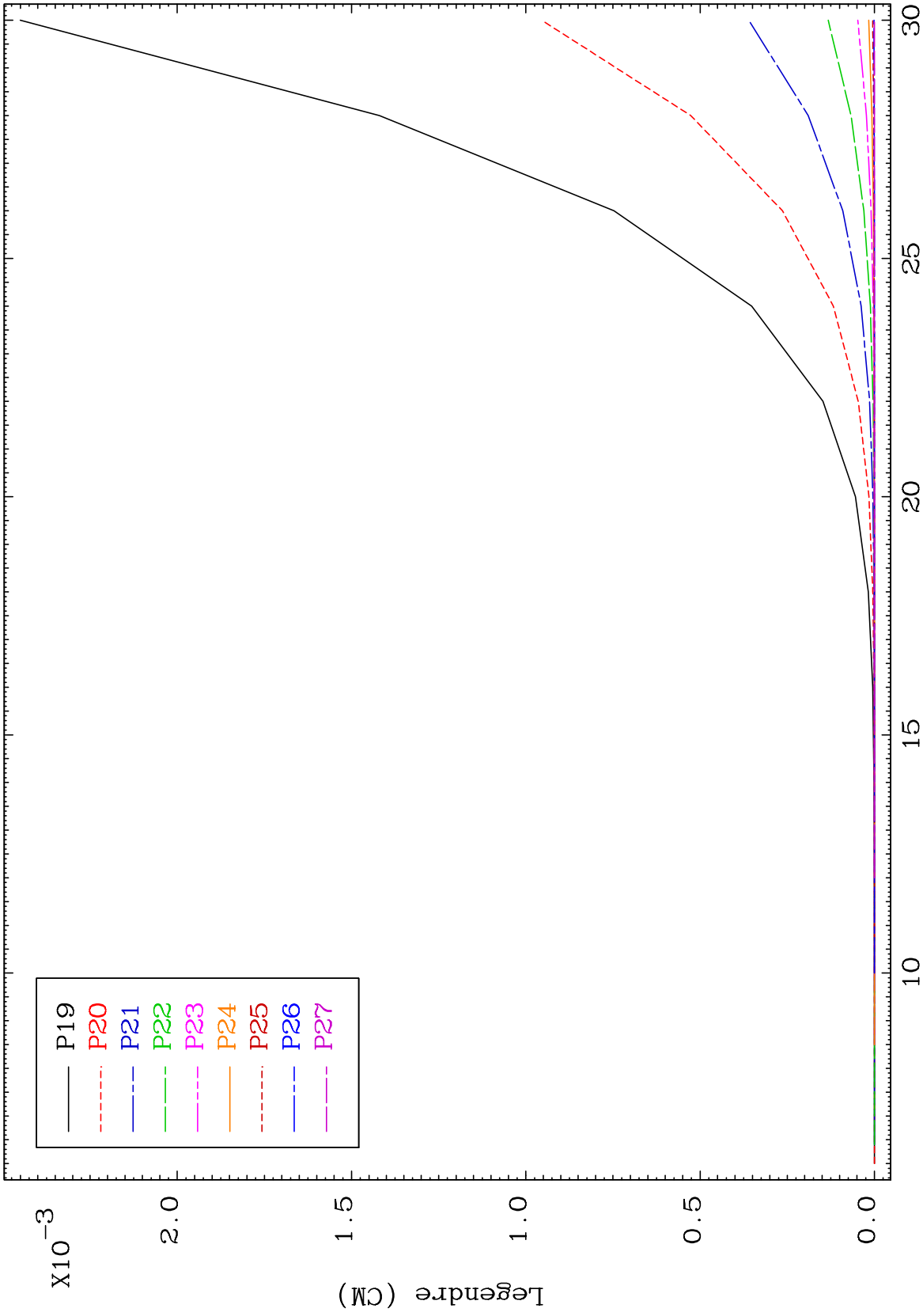
Incident Energy (MeV)

43-Tc-92

MAT 4304

### Elastic Legendre Coefficients

43-Tc-92



17

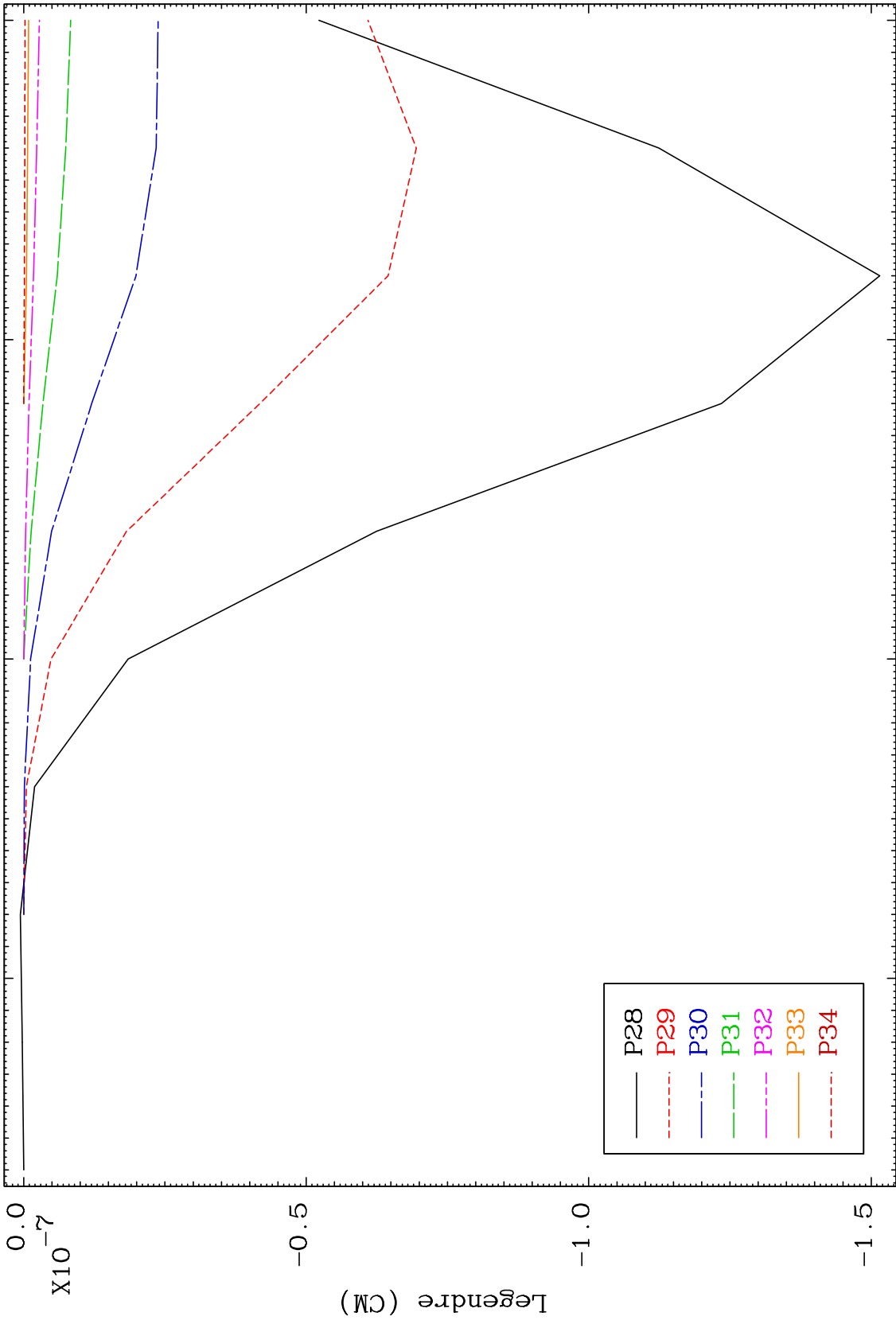
Incident Energy (MeV)

43-Tc-92

MAT 4304

43-Tc-92

Elastic Legendre Coefficients



18

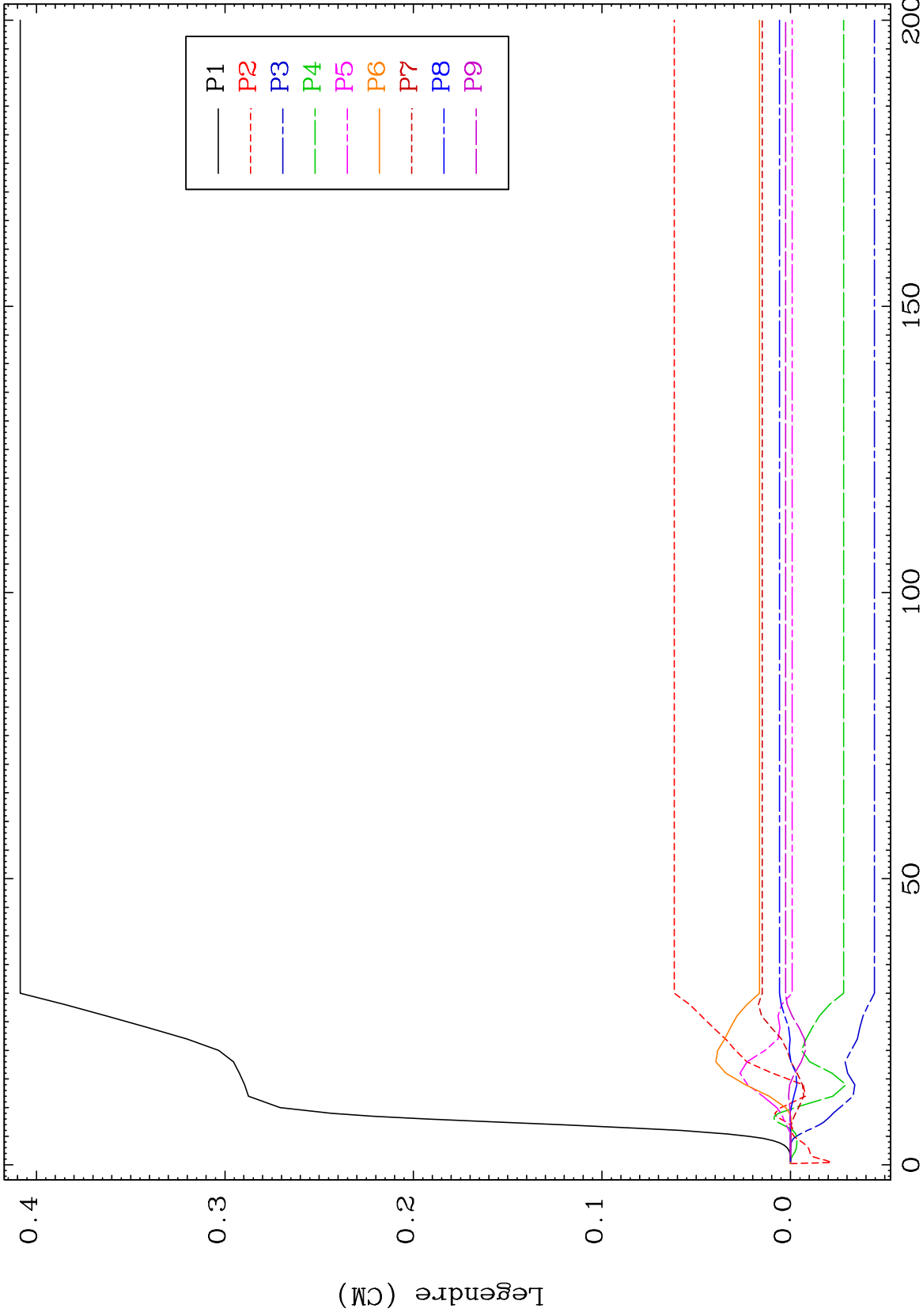
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



19

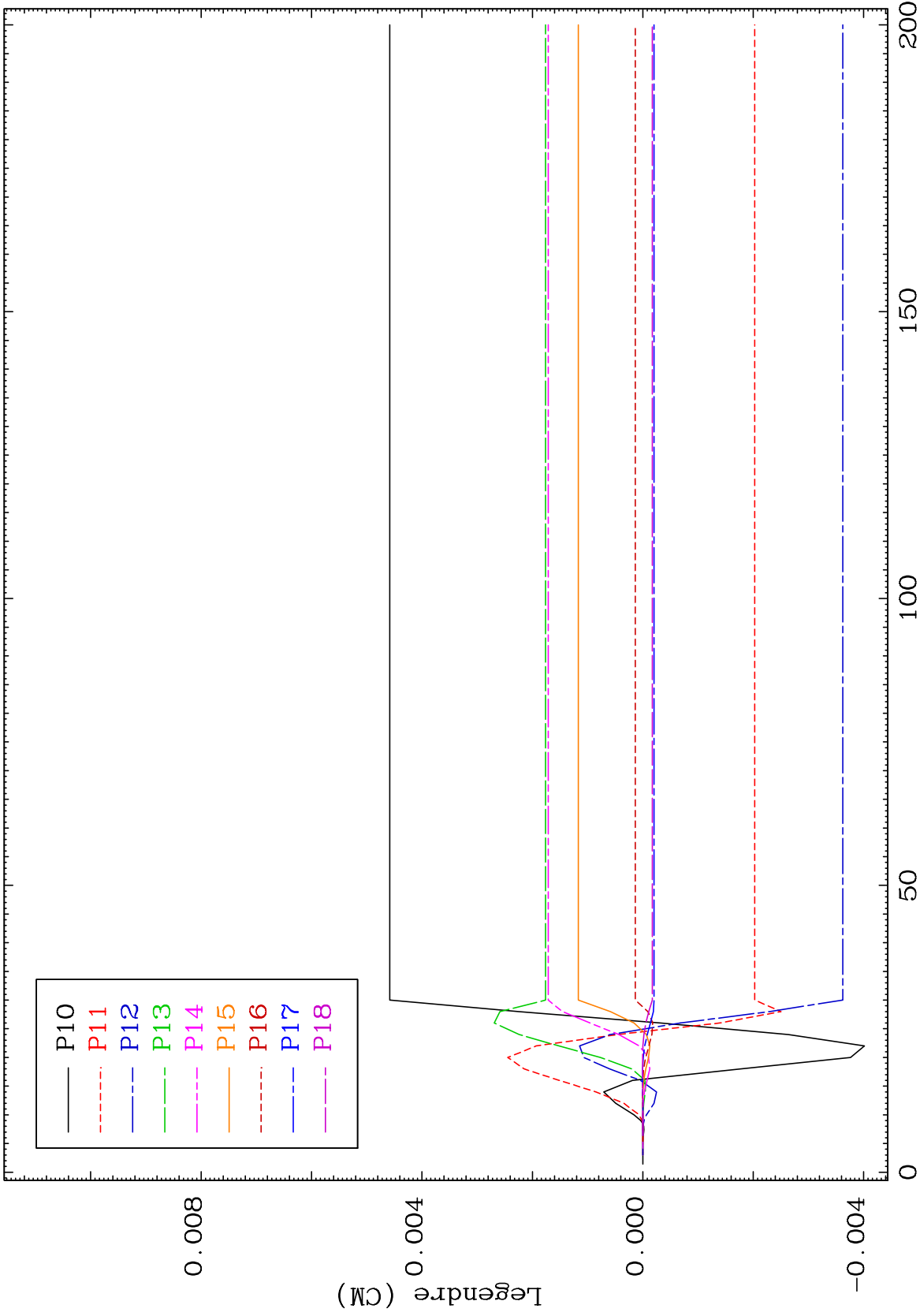
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



20

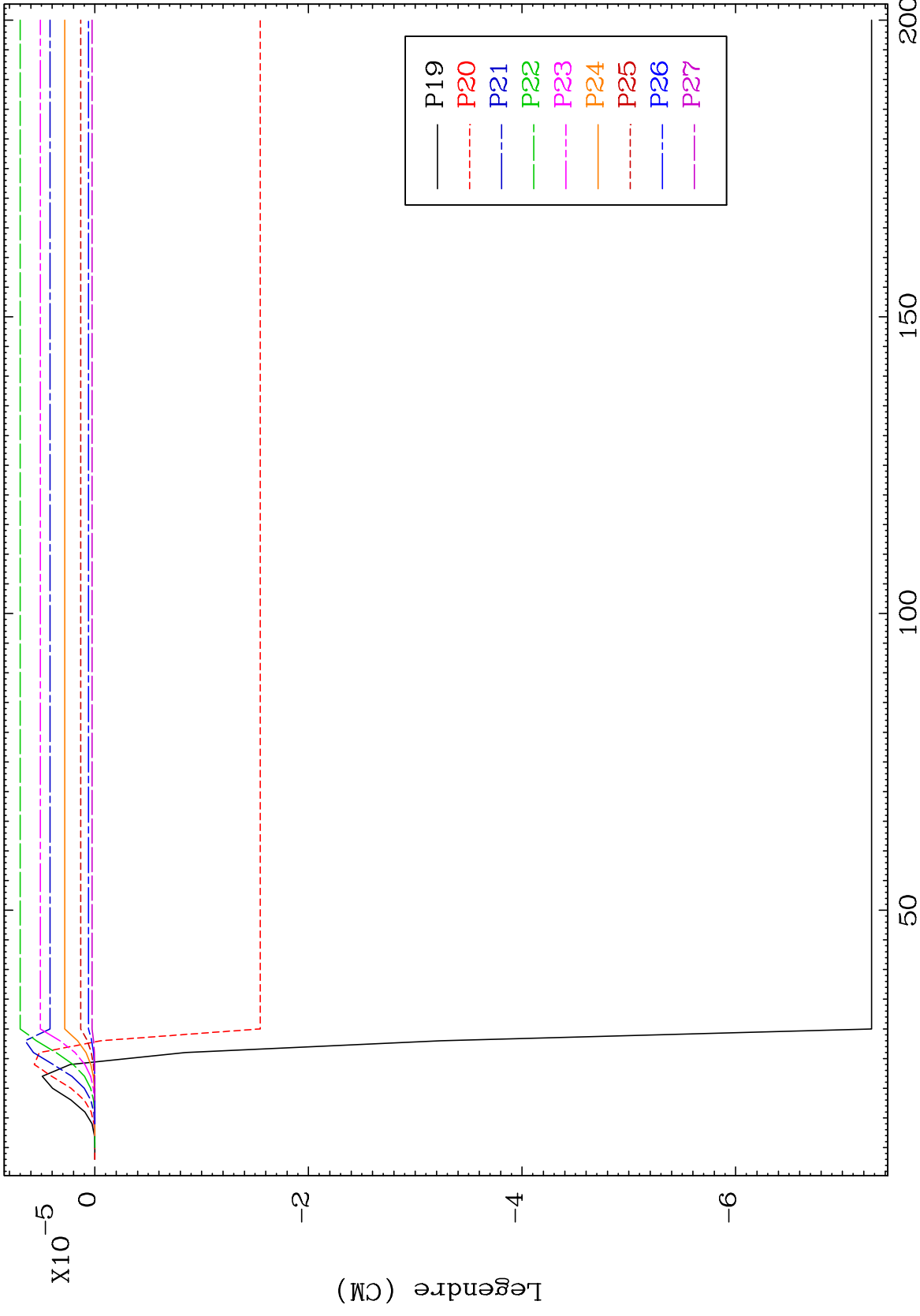
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



43-Tc-92

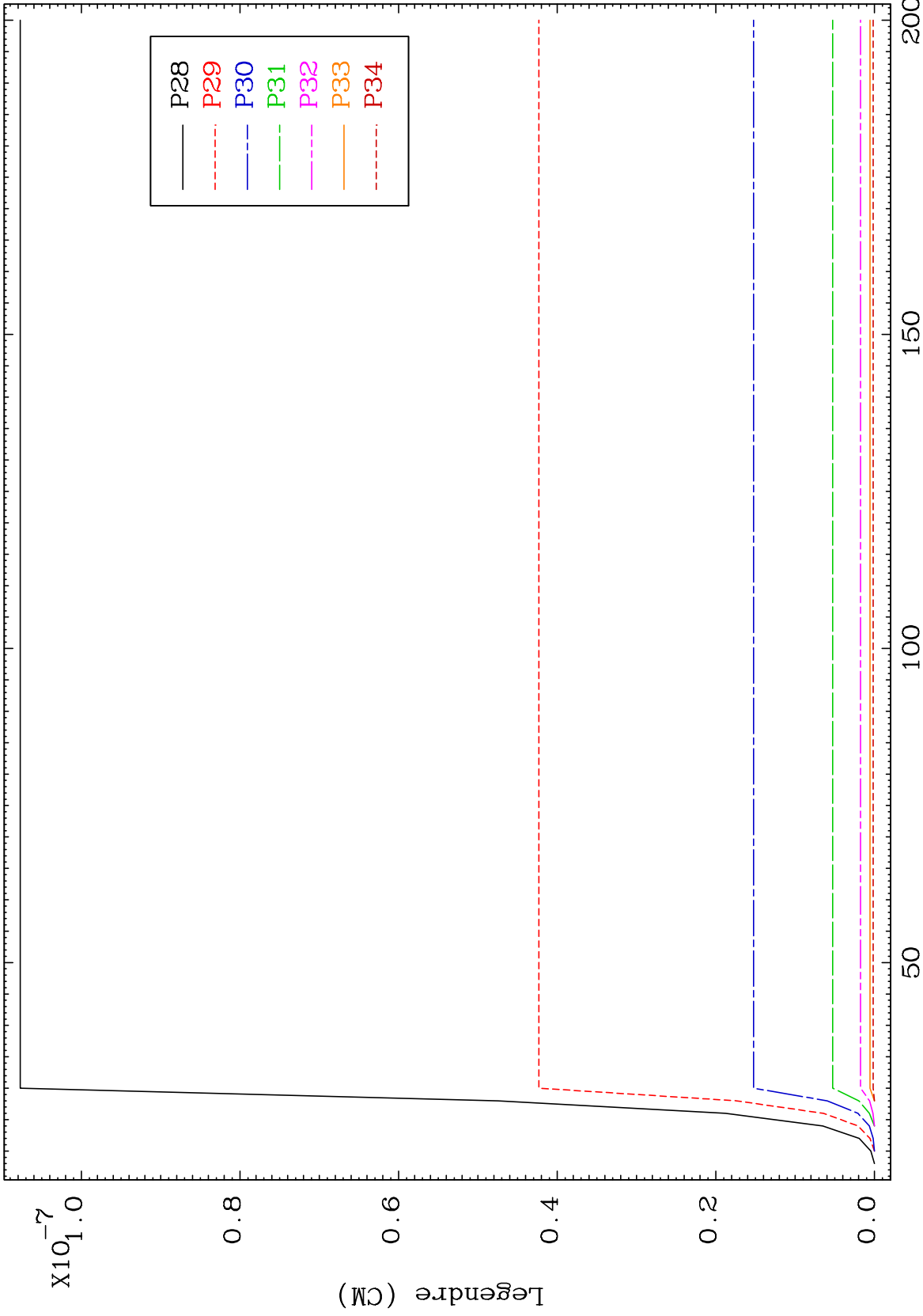
Incident Energy (MeV)

21

MAT 4304

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

43-Tc-92



22

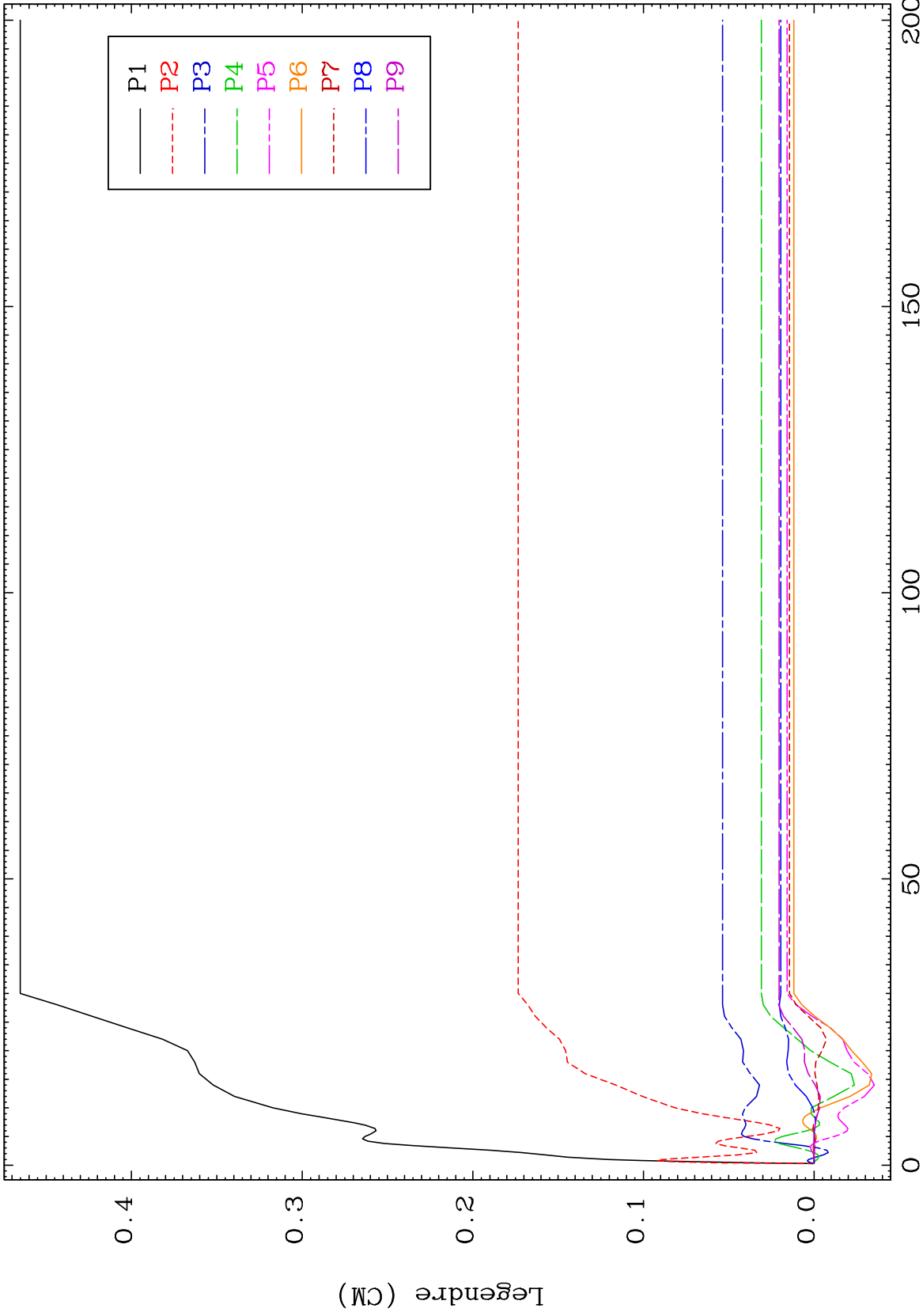
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



23

Incident Energy (MeV)

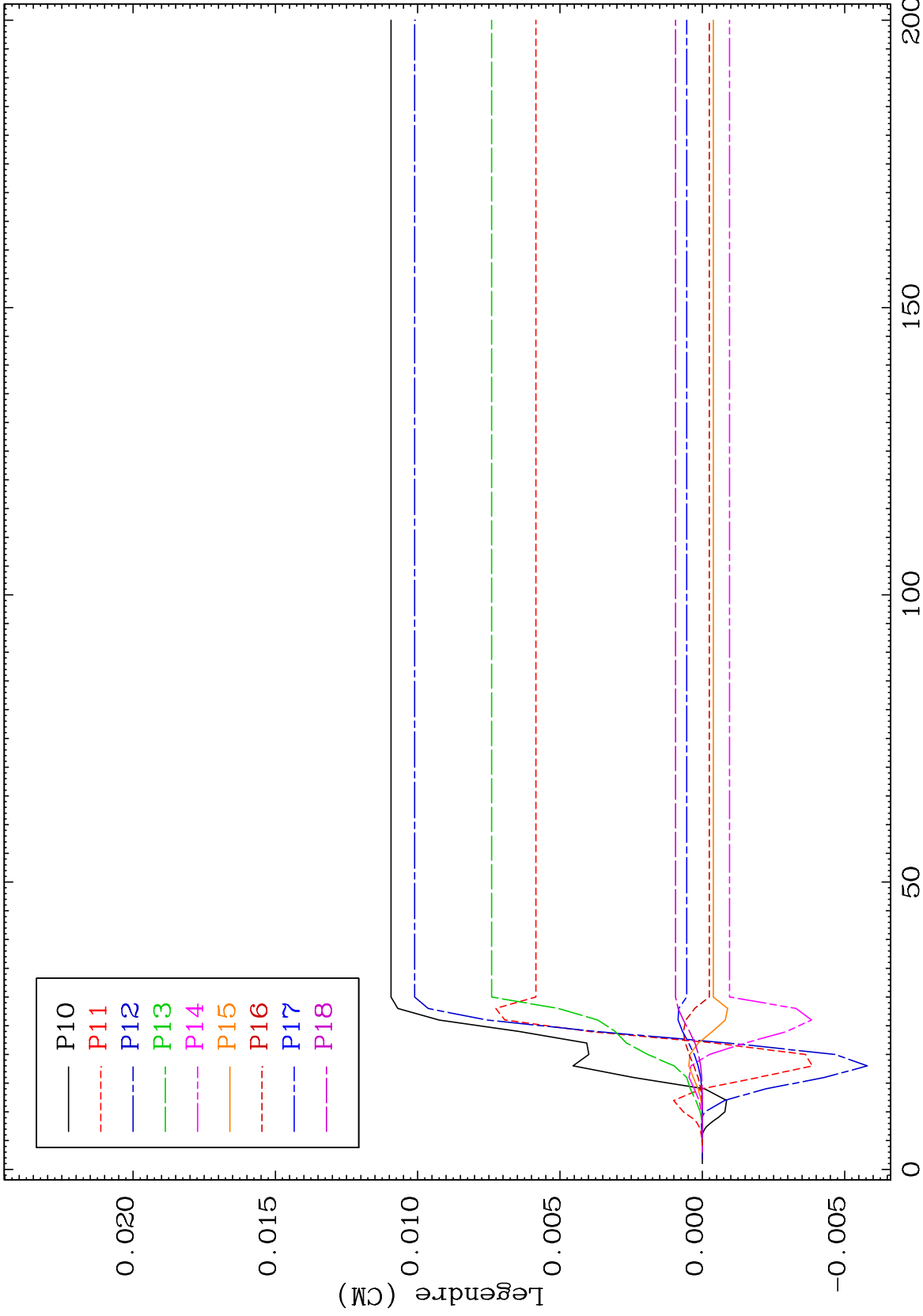
43-Tc-92



MAT 4304

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

43-Tc-92



24

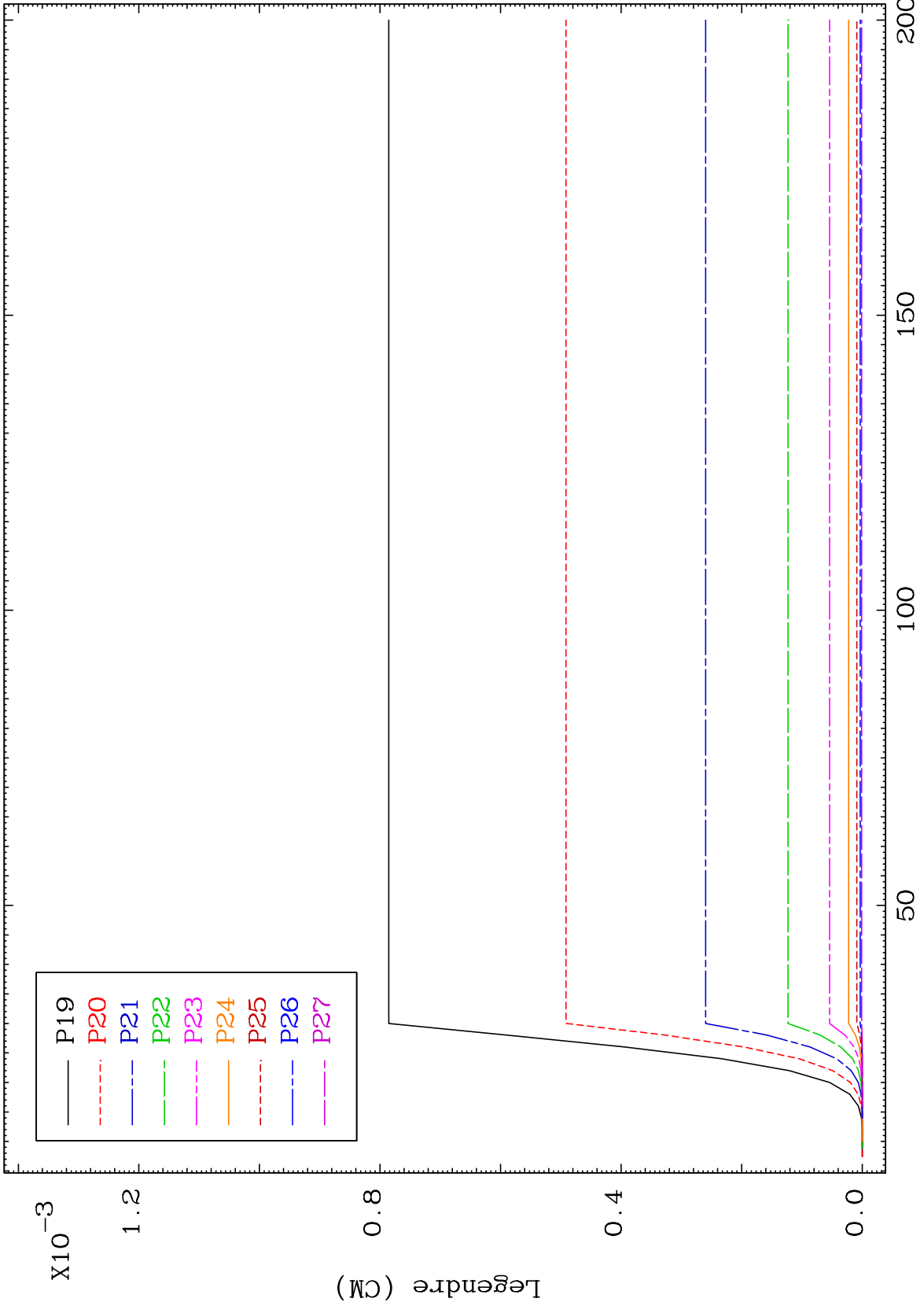
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



25

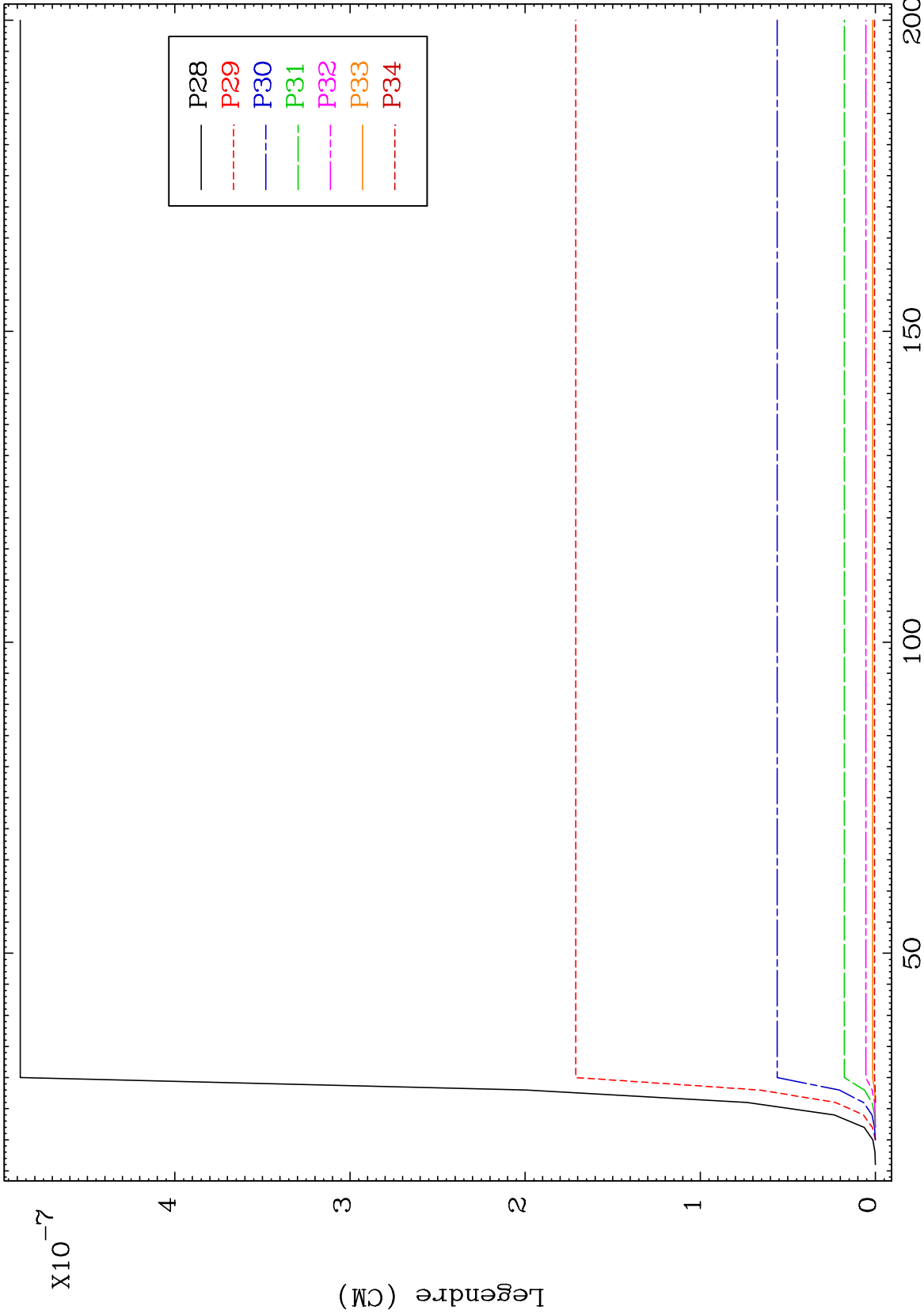
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



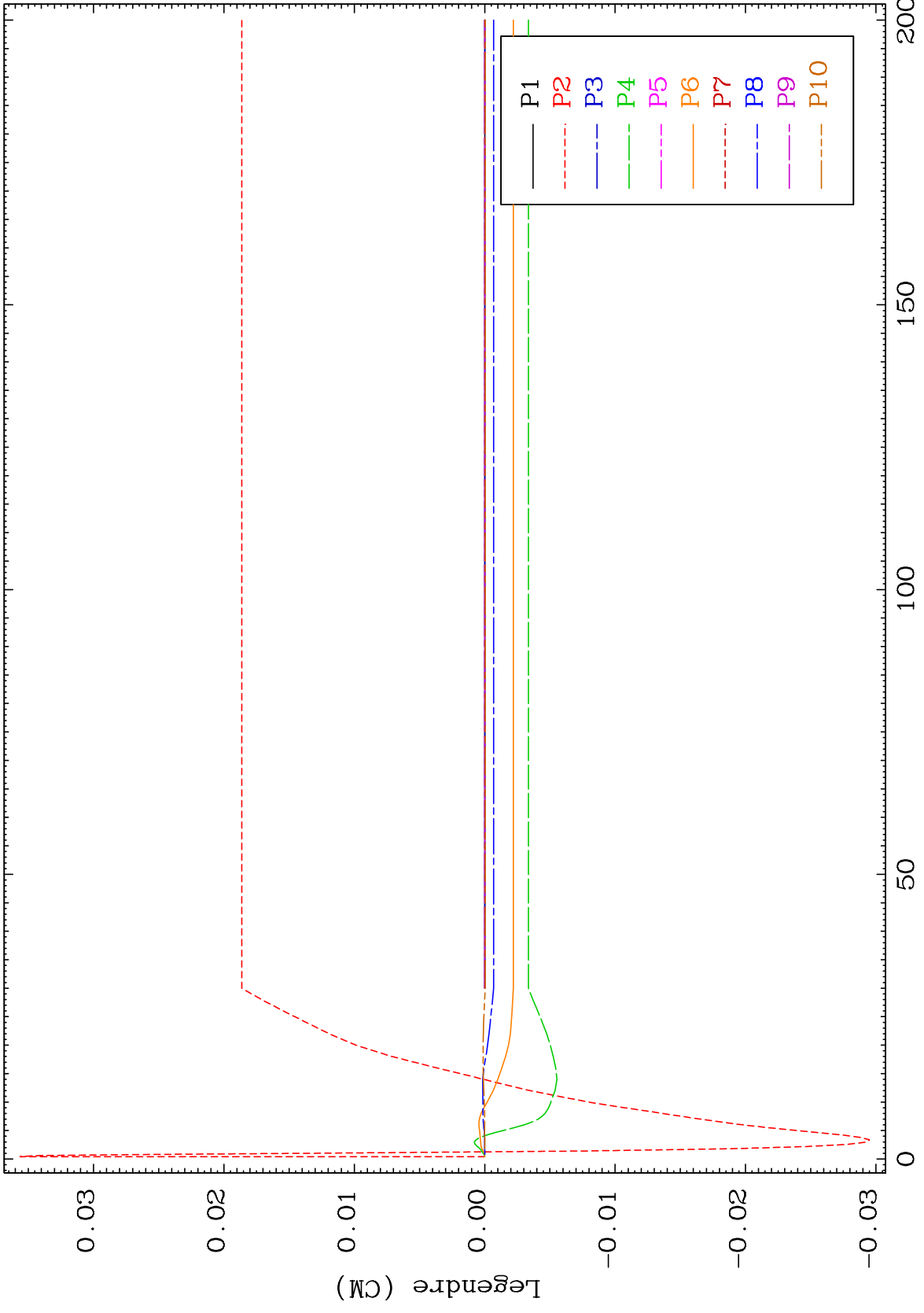
26

43-Tc-92

MAT 4304

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

43-Tc-92



27

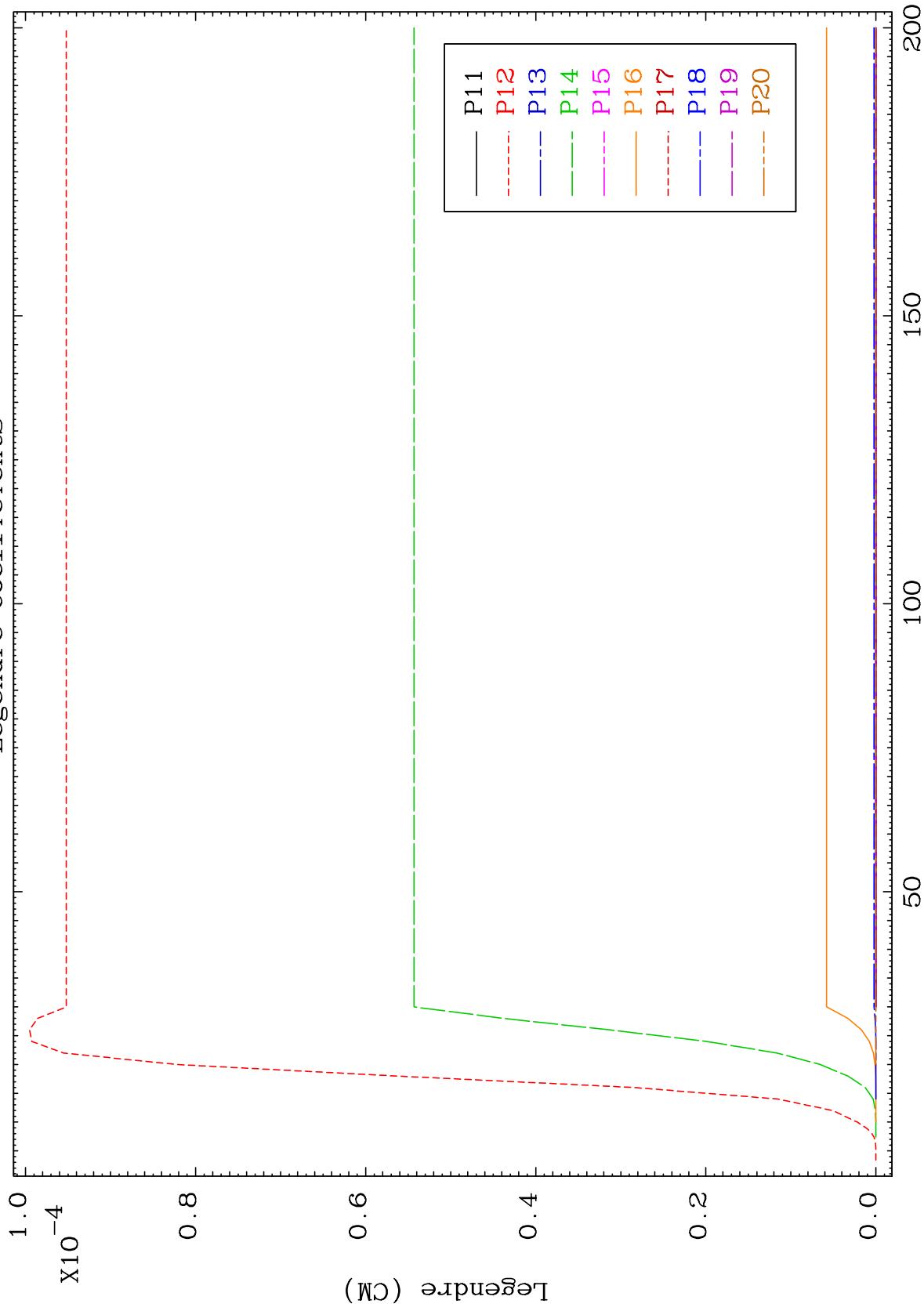
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



28

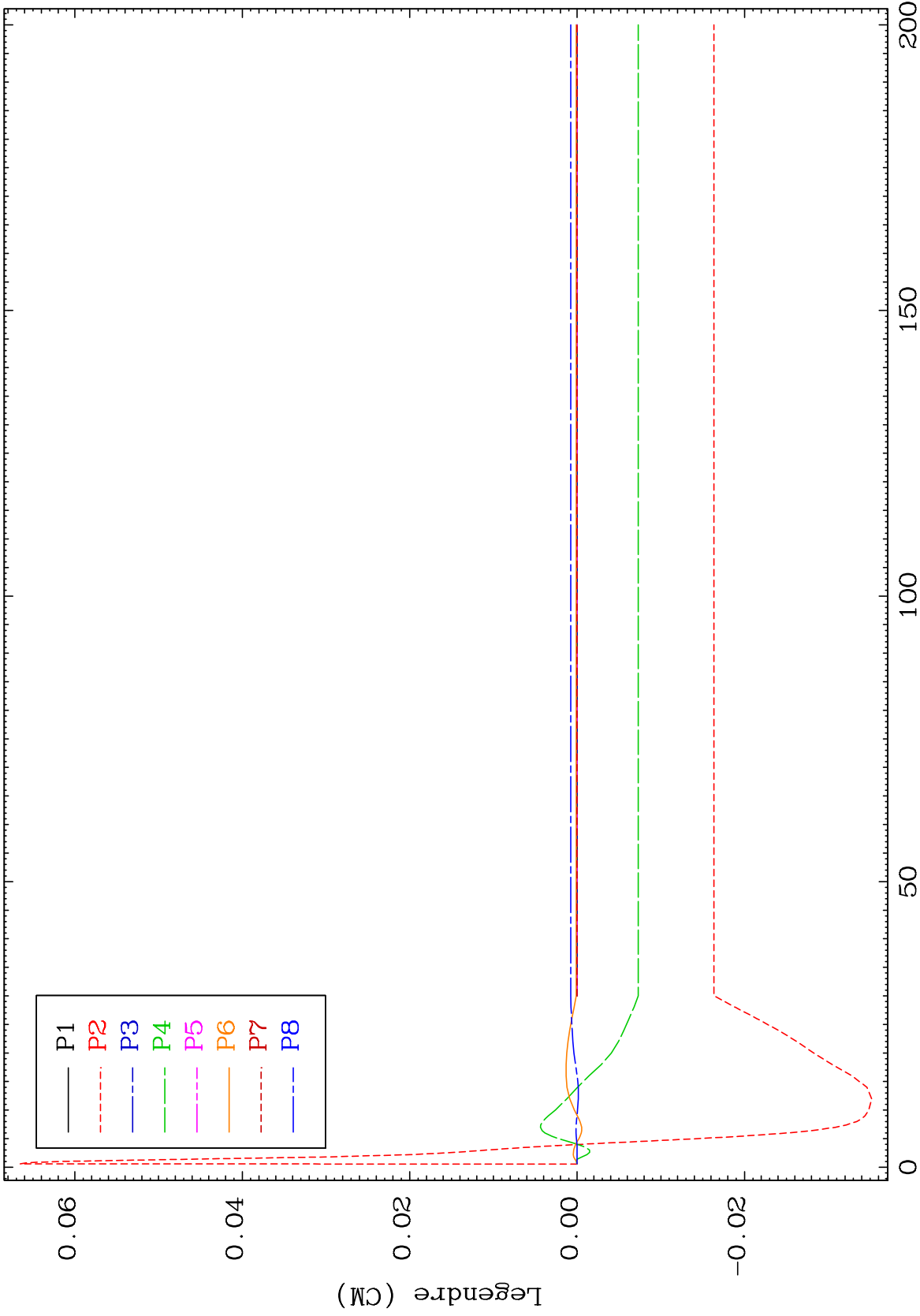
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



29

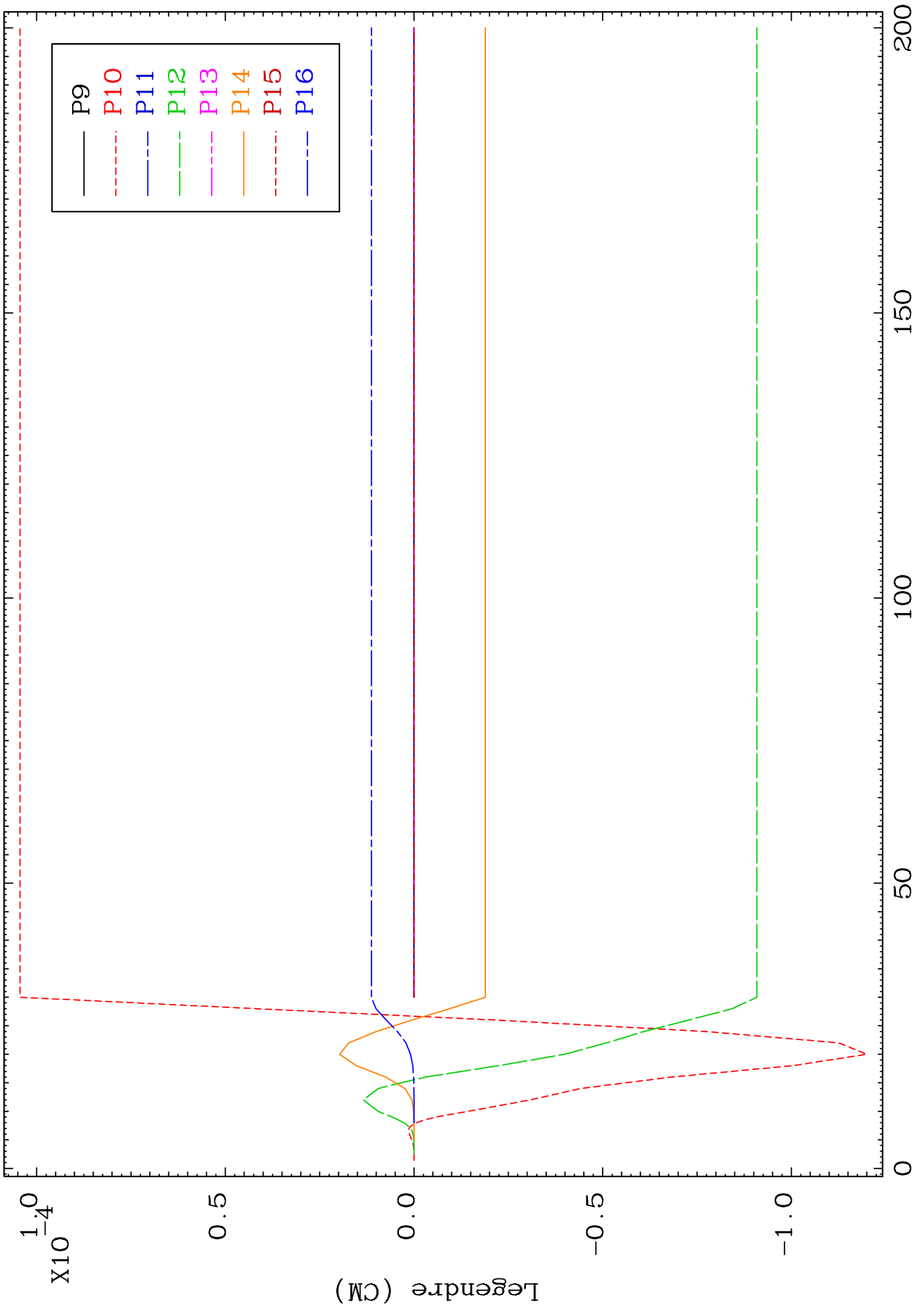
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



30

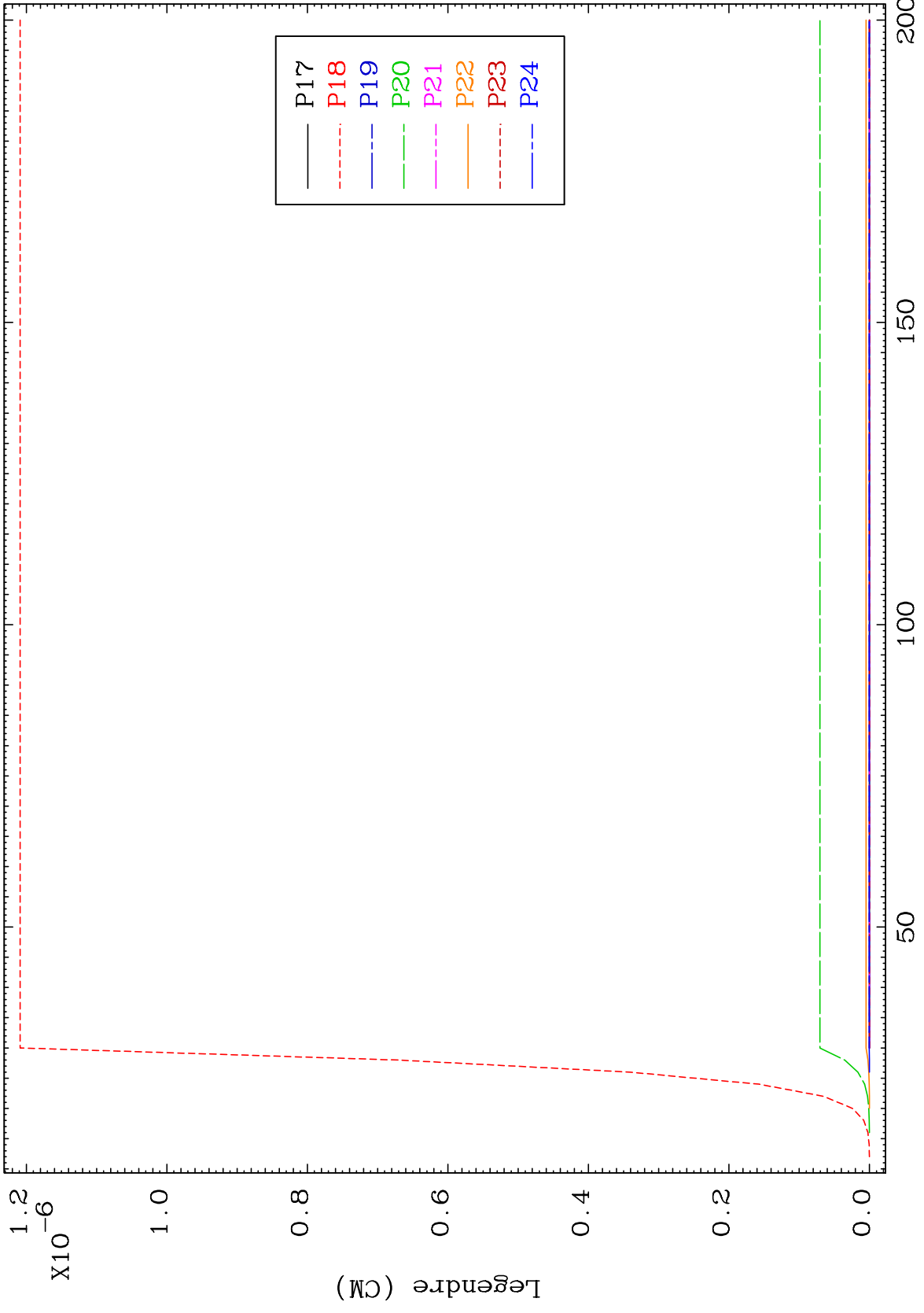
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



31

Incident Energy (MeV)

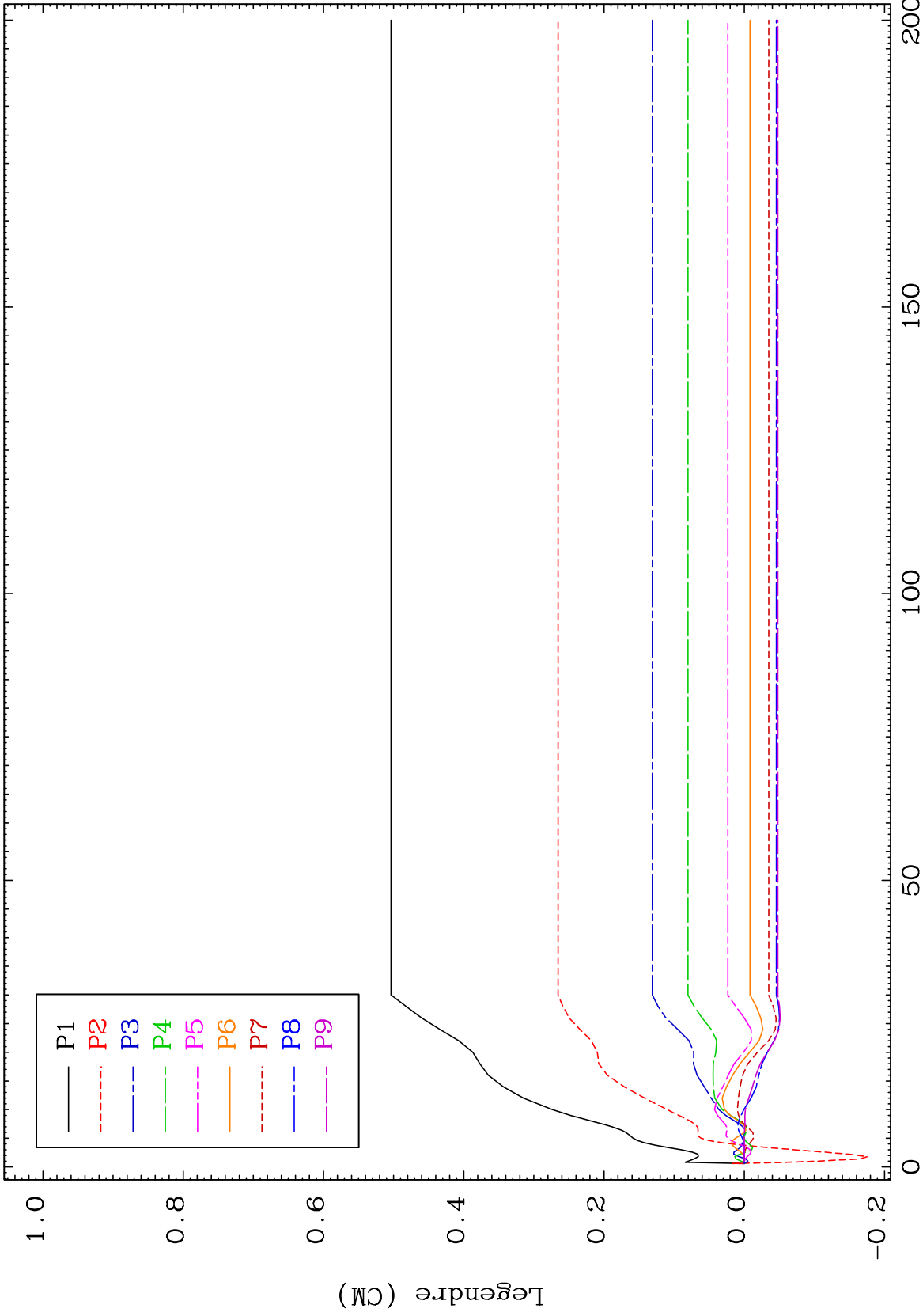
43-Tc-92



MAT 4304

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

43-Tc-92



32

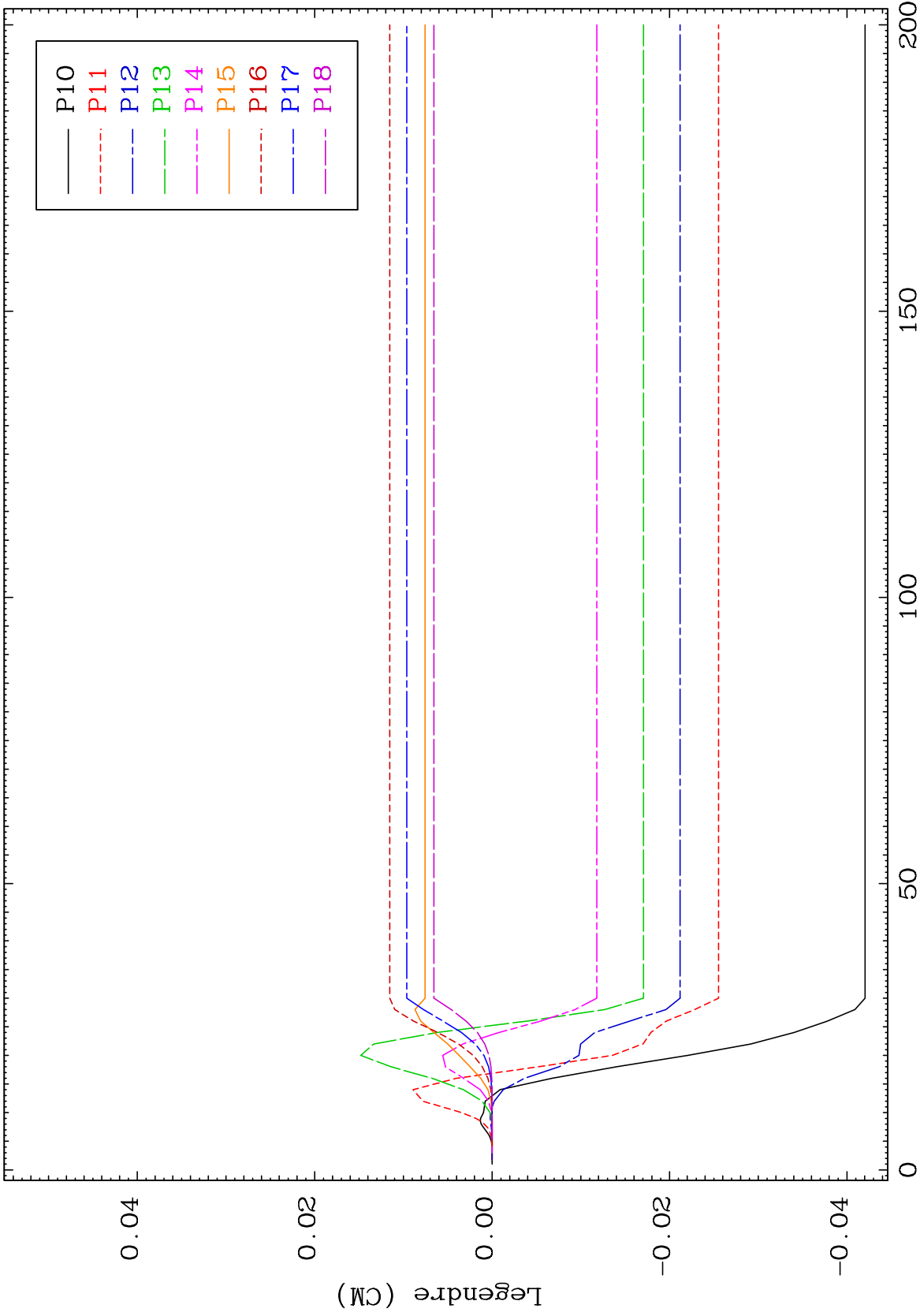
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



33

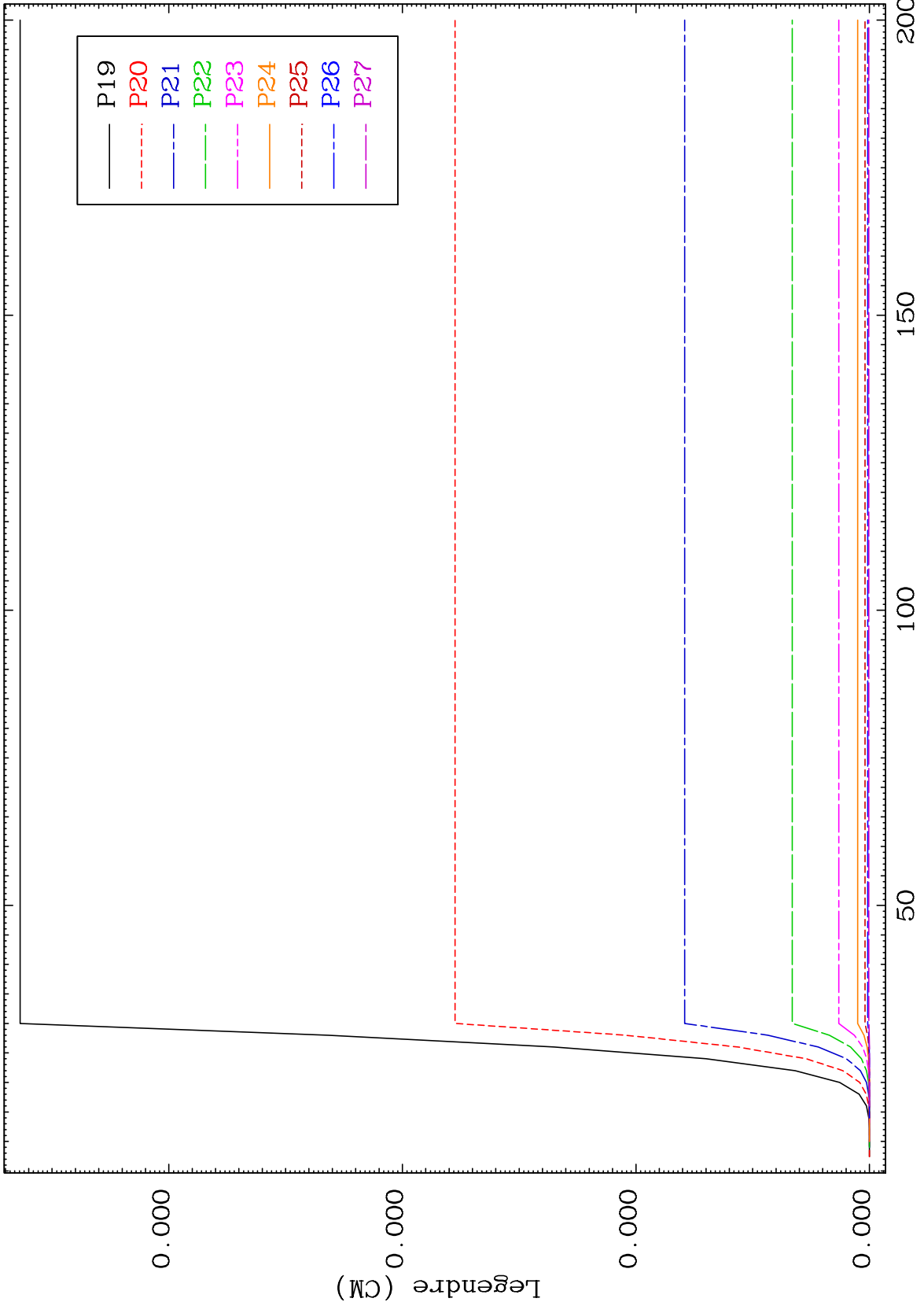
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



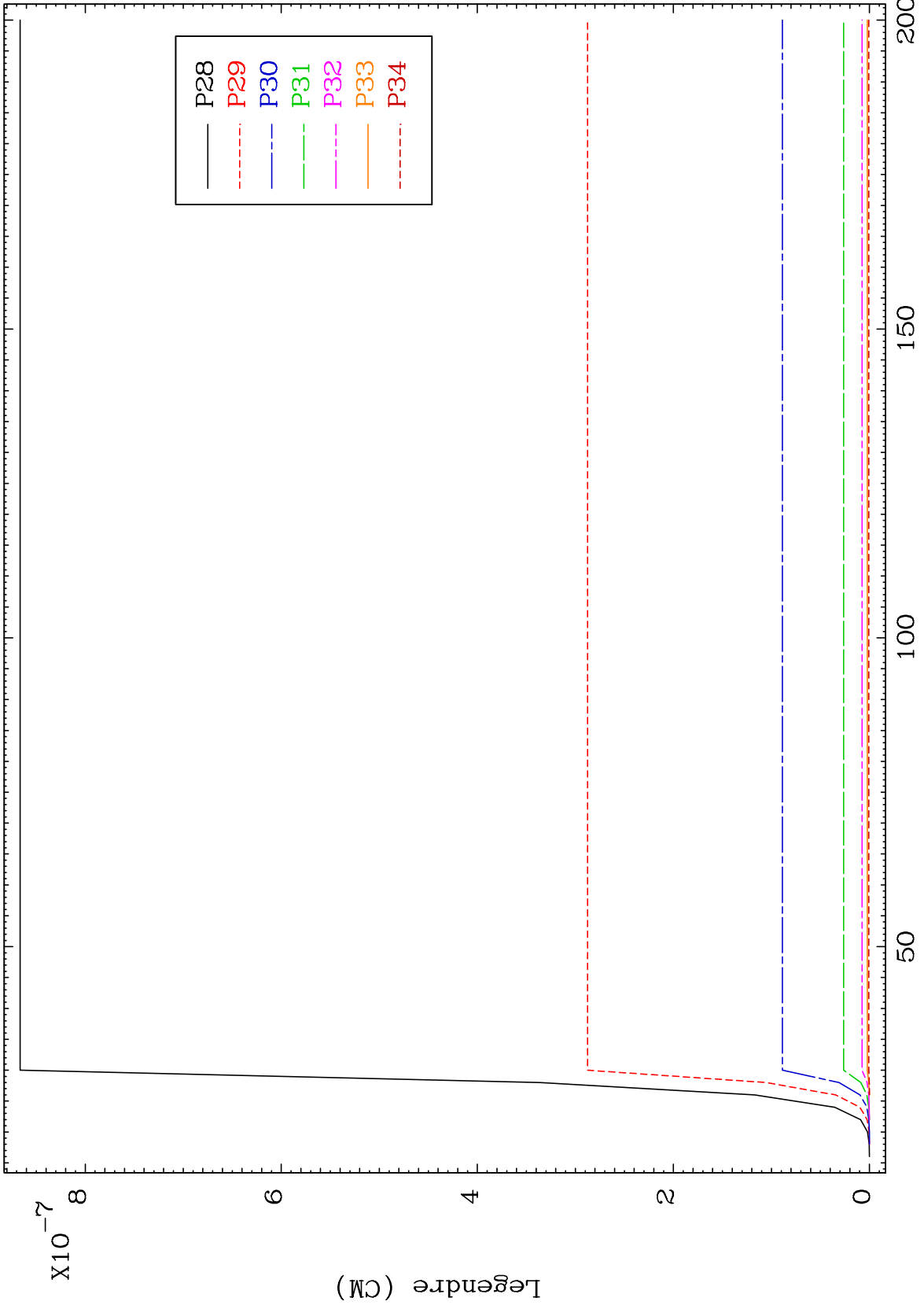
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43-Tc-92

MAT 4304

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

43-Tc-92



35

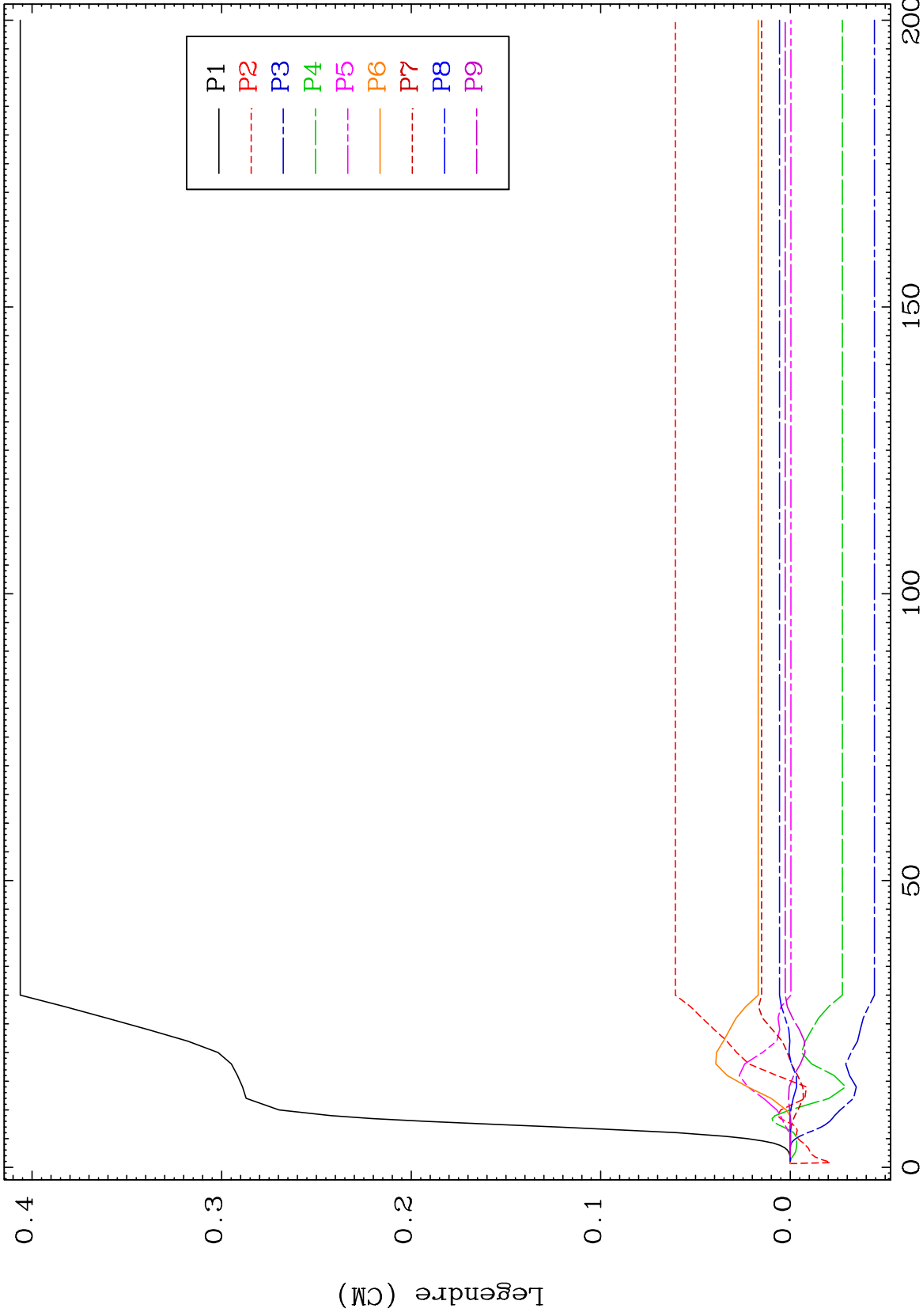
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



36

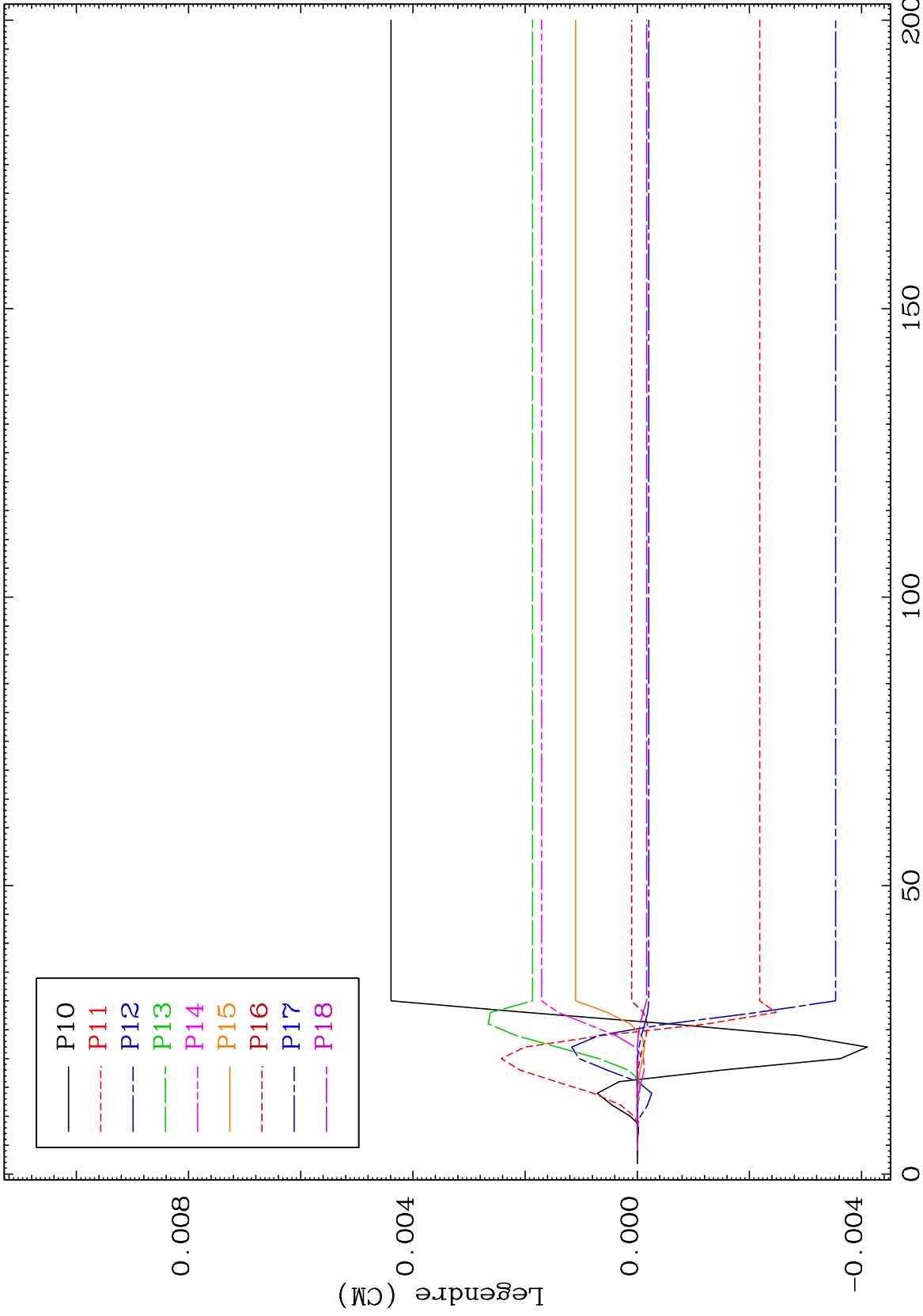
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



37

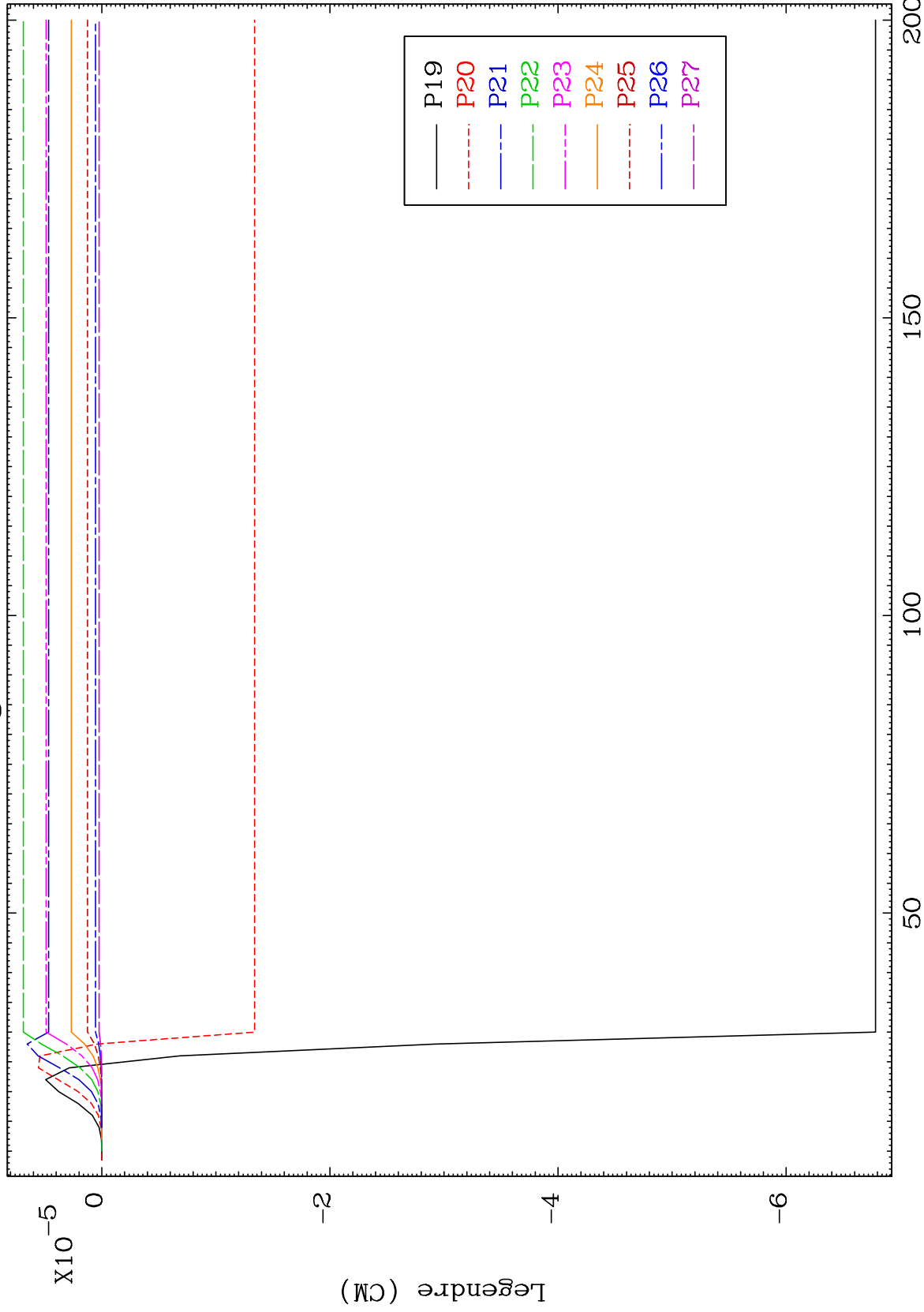
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



38

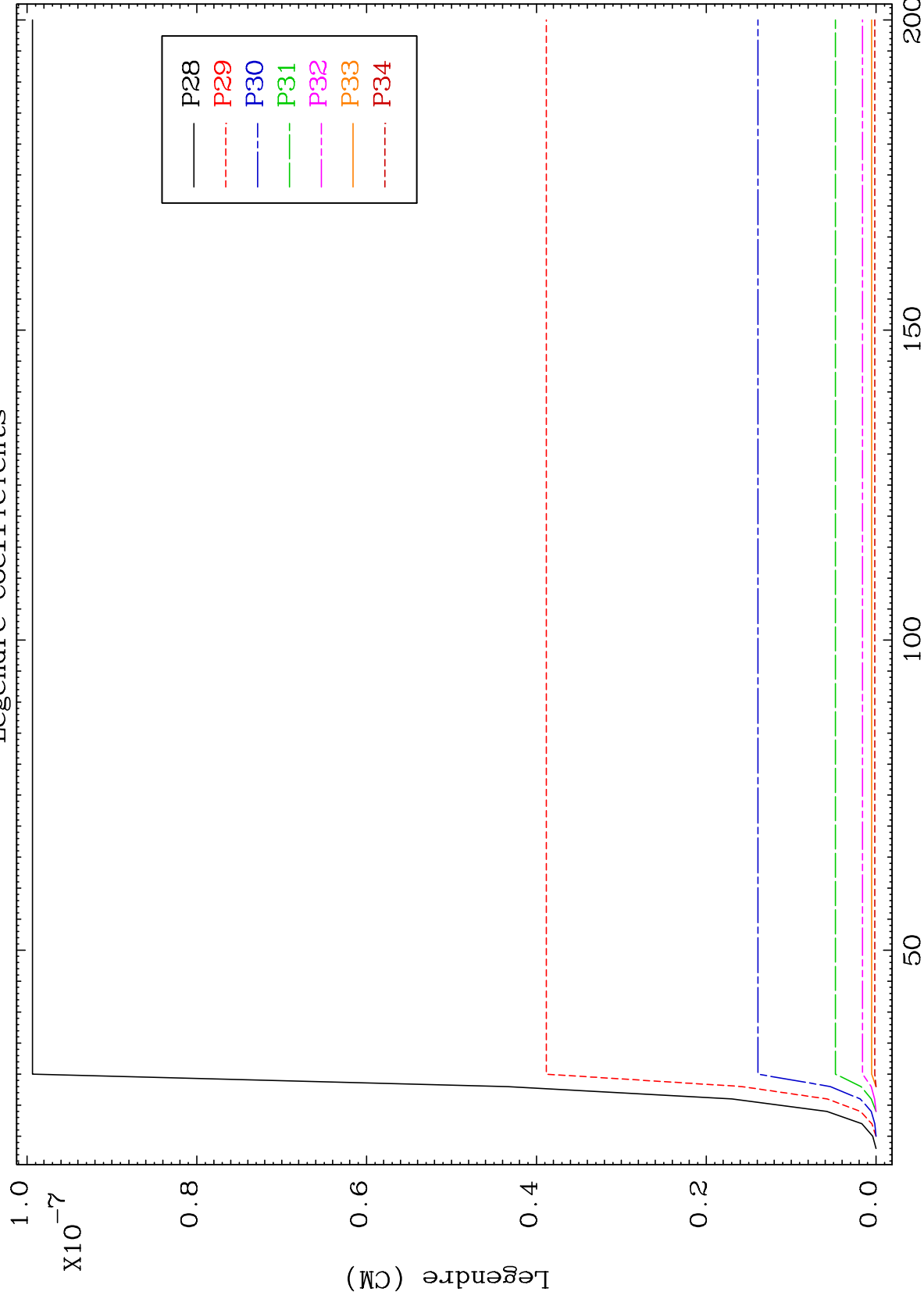
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



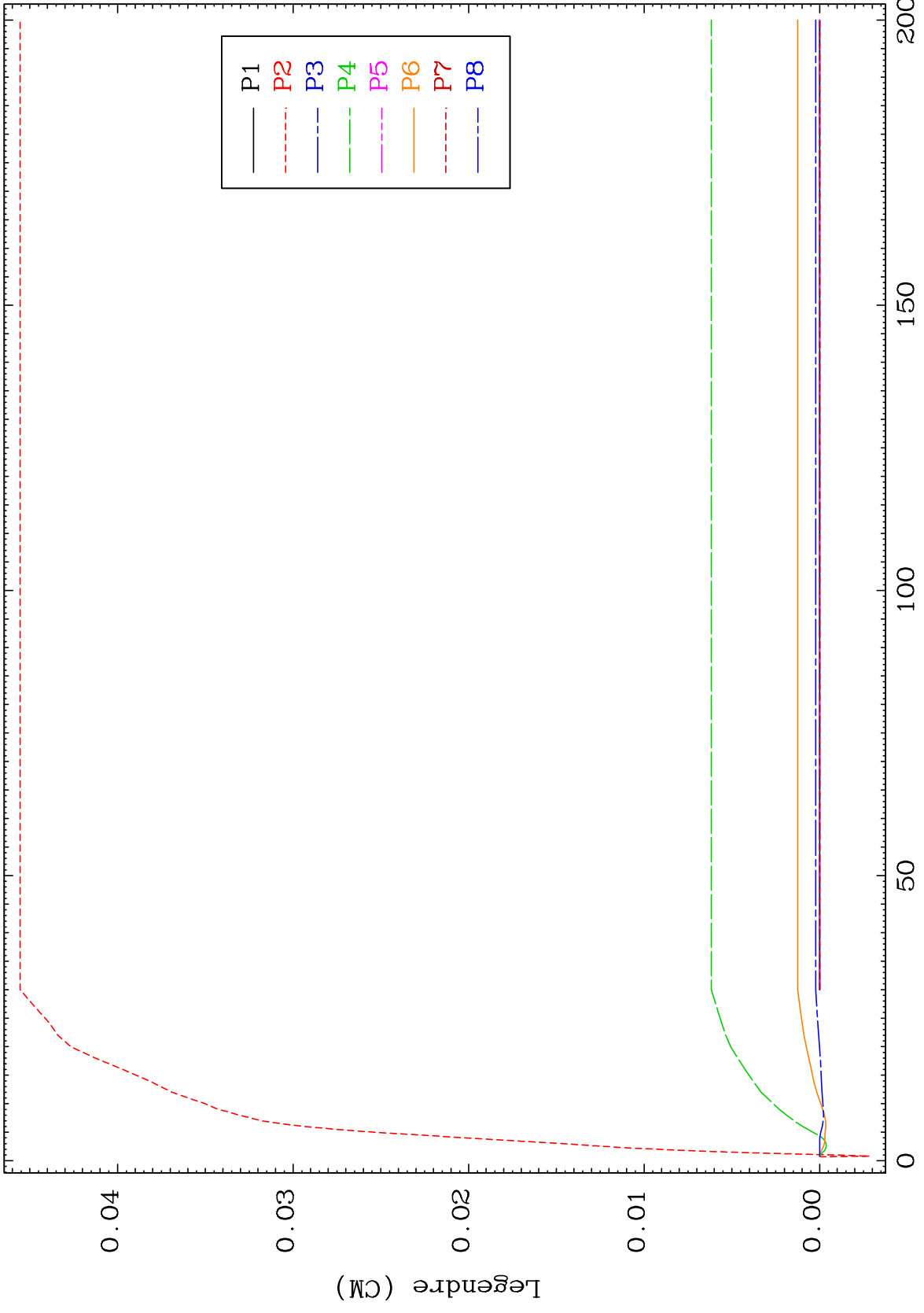
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Incident Energy (MeV)

43-Tc-92



MAT 4304 MT= 57 (n,n') Level Legendre Coefficients 43-Tc-92

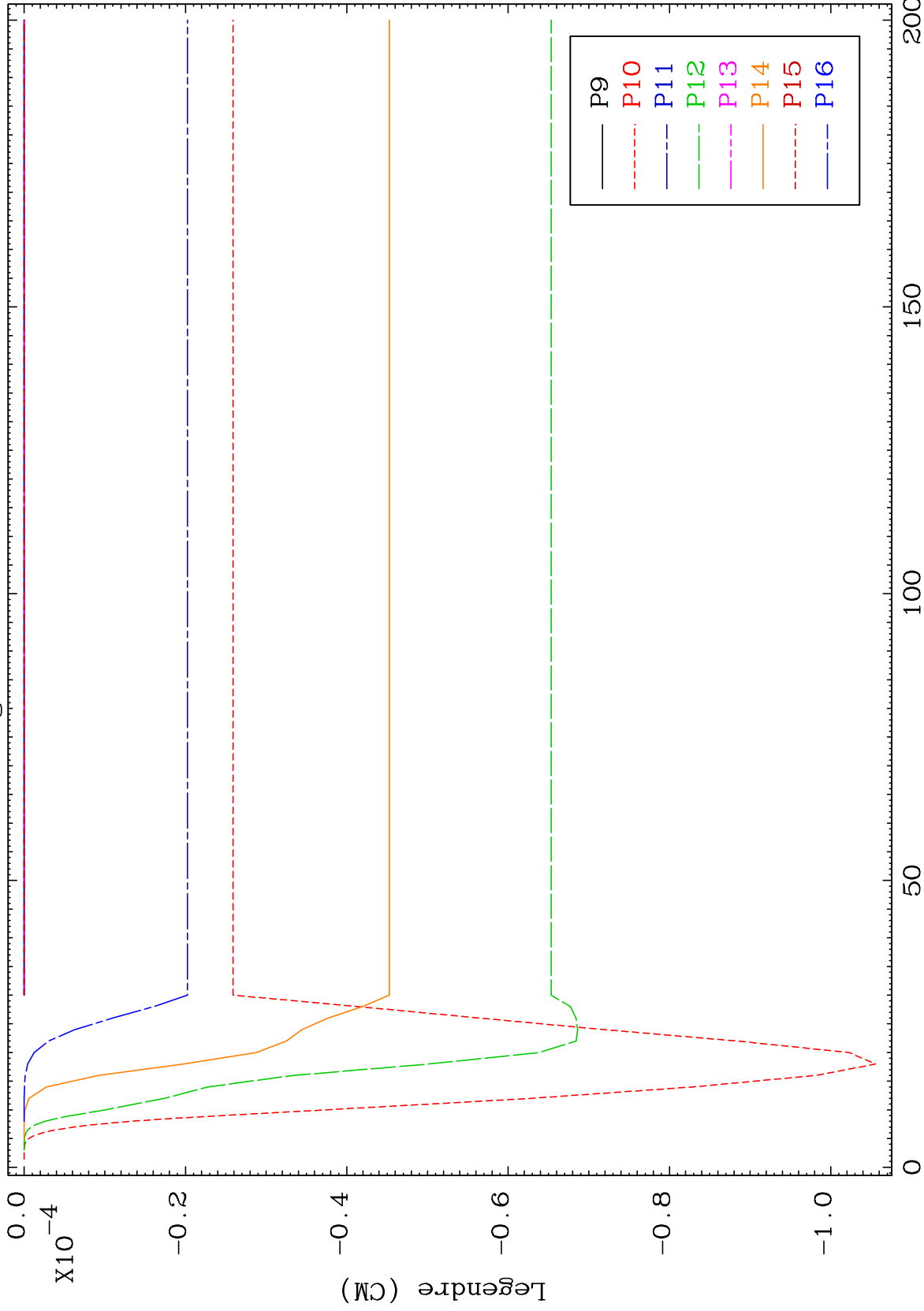


43-Tc-92

MAT 4304

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

43-Tc-92



41

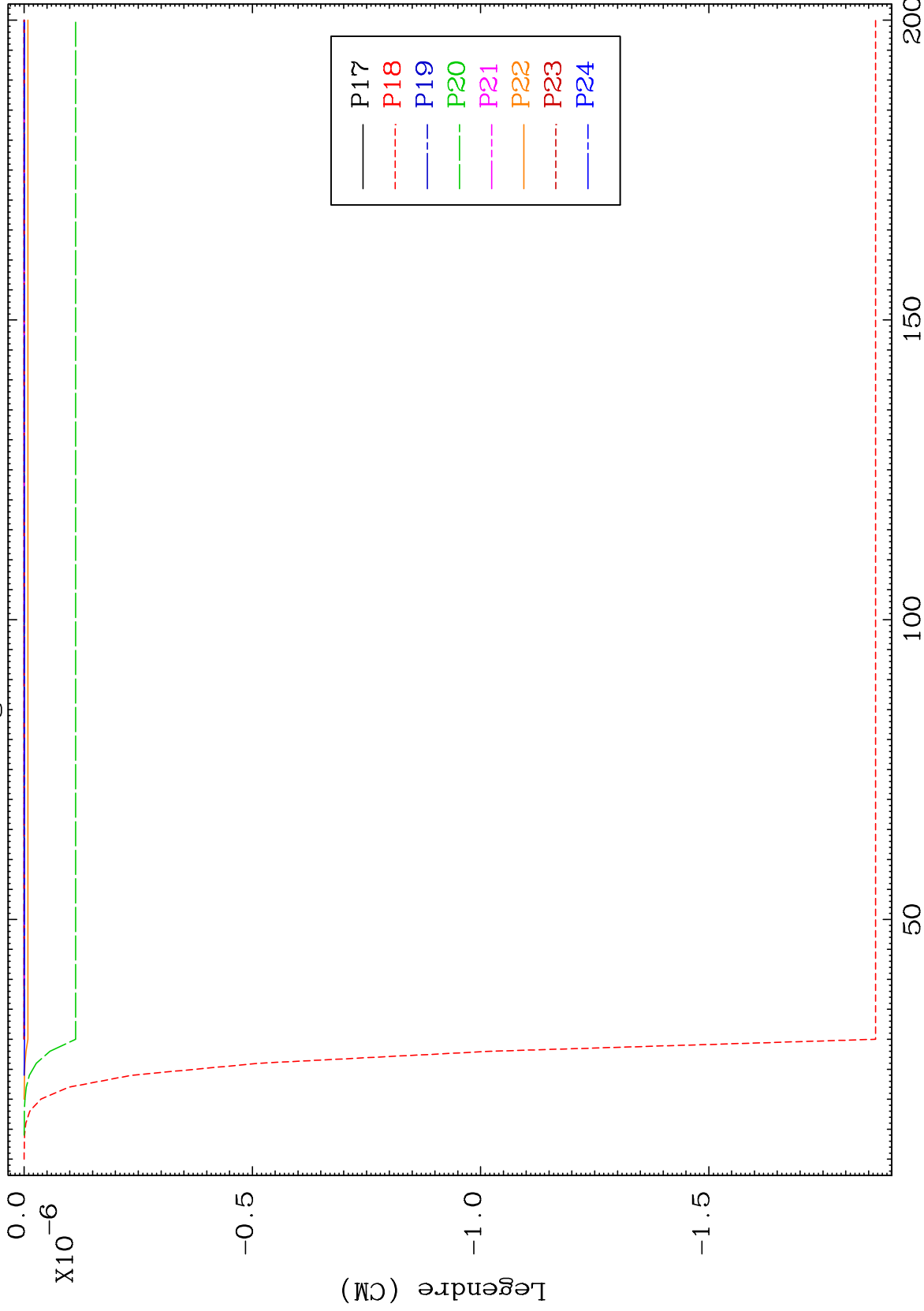
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92

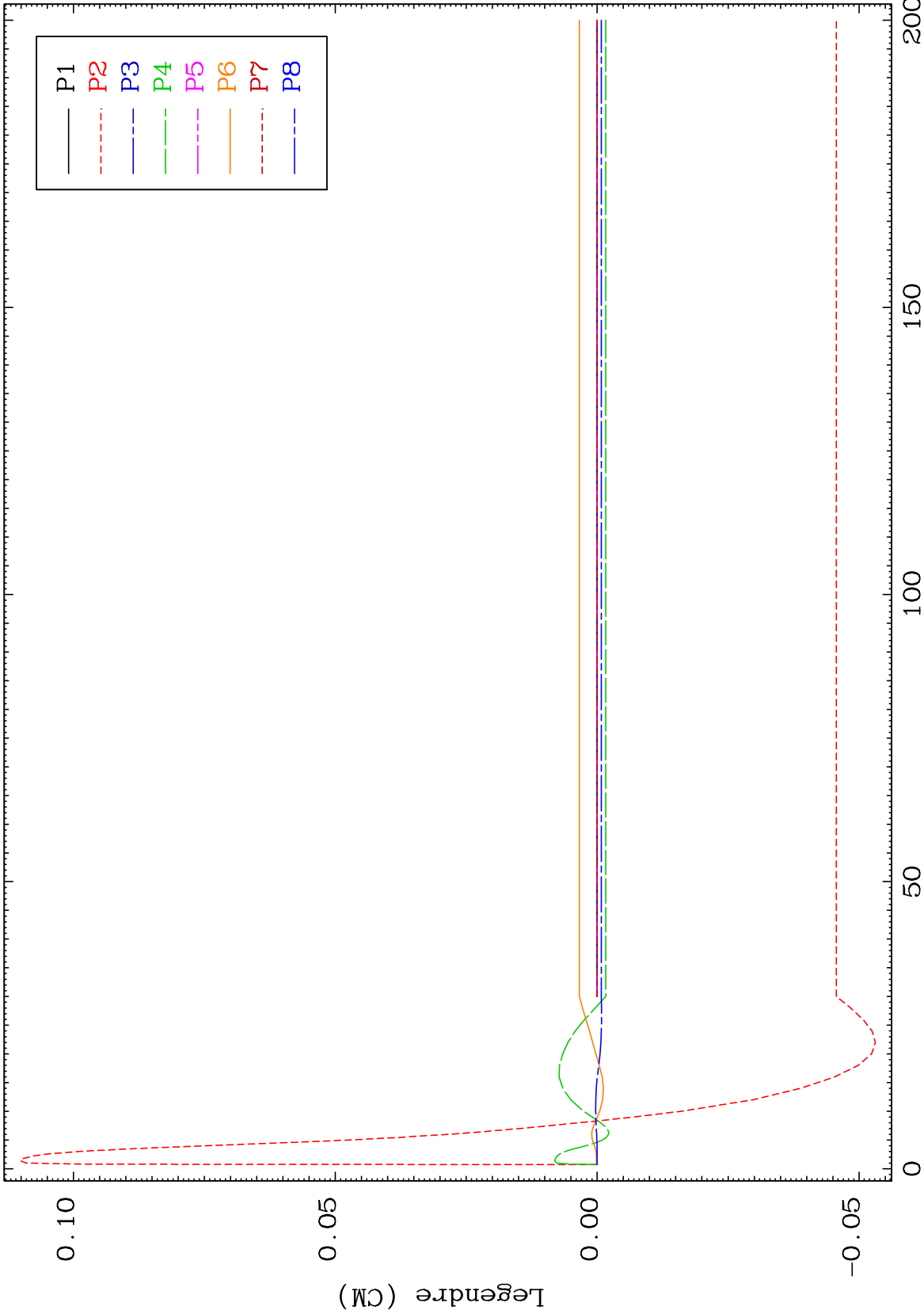


42

MAT 4304

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

43-Tc-92



43

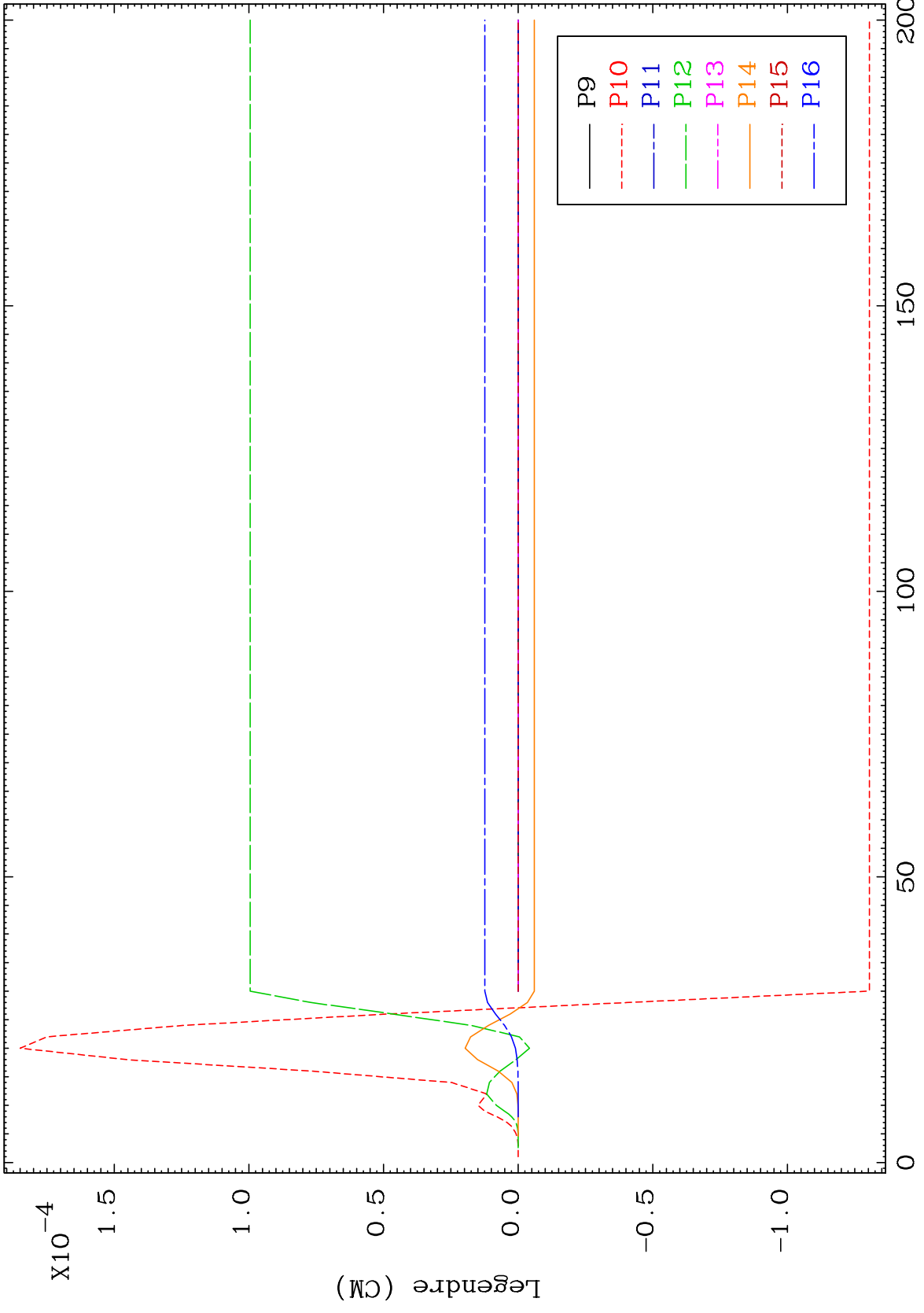
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92

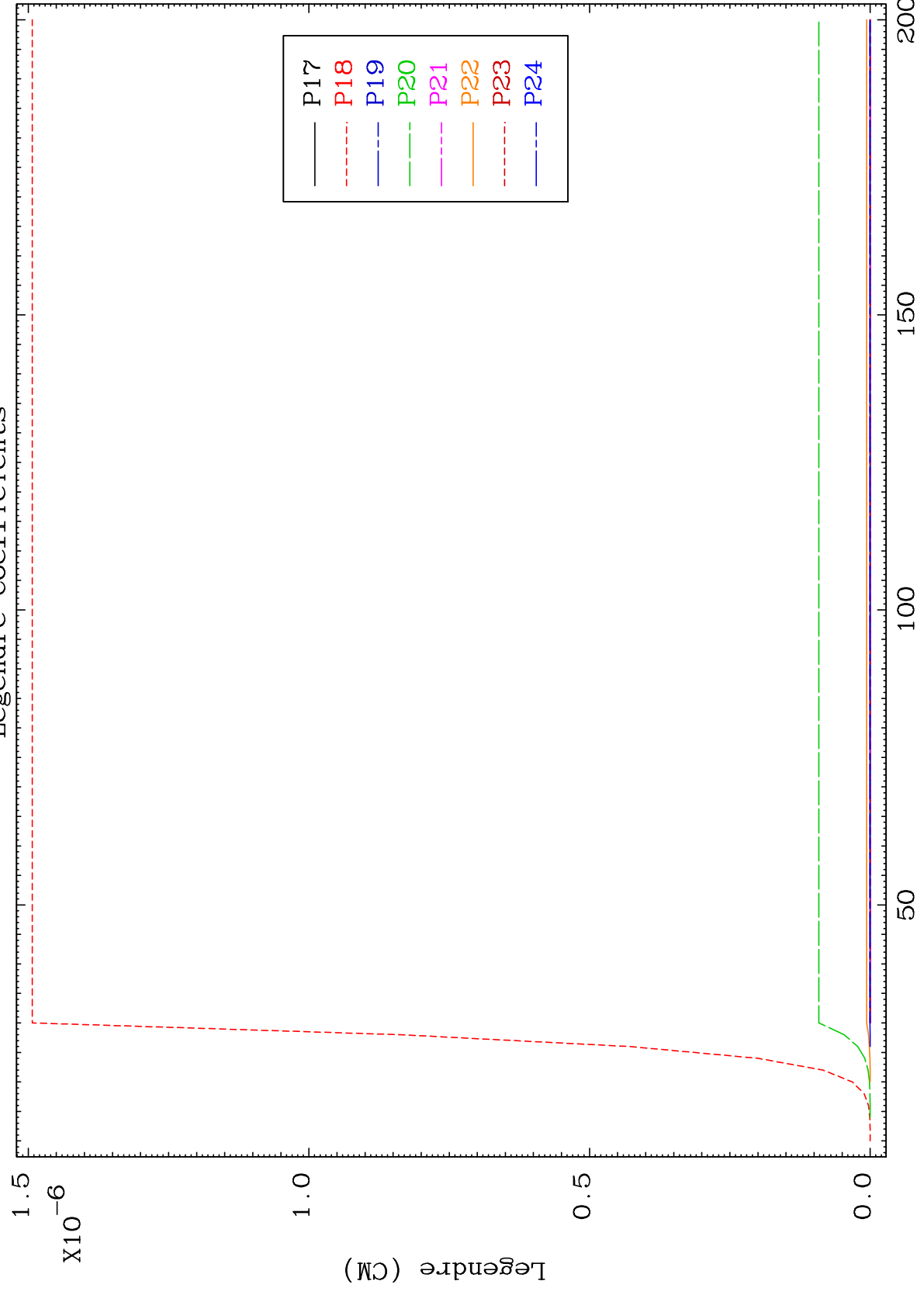


44

Incident Energy (MeV)

43-Tc-92

MAT 4304 MT= 58 (n,n') Level Legendre Coefficients 43-Tc-92

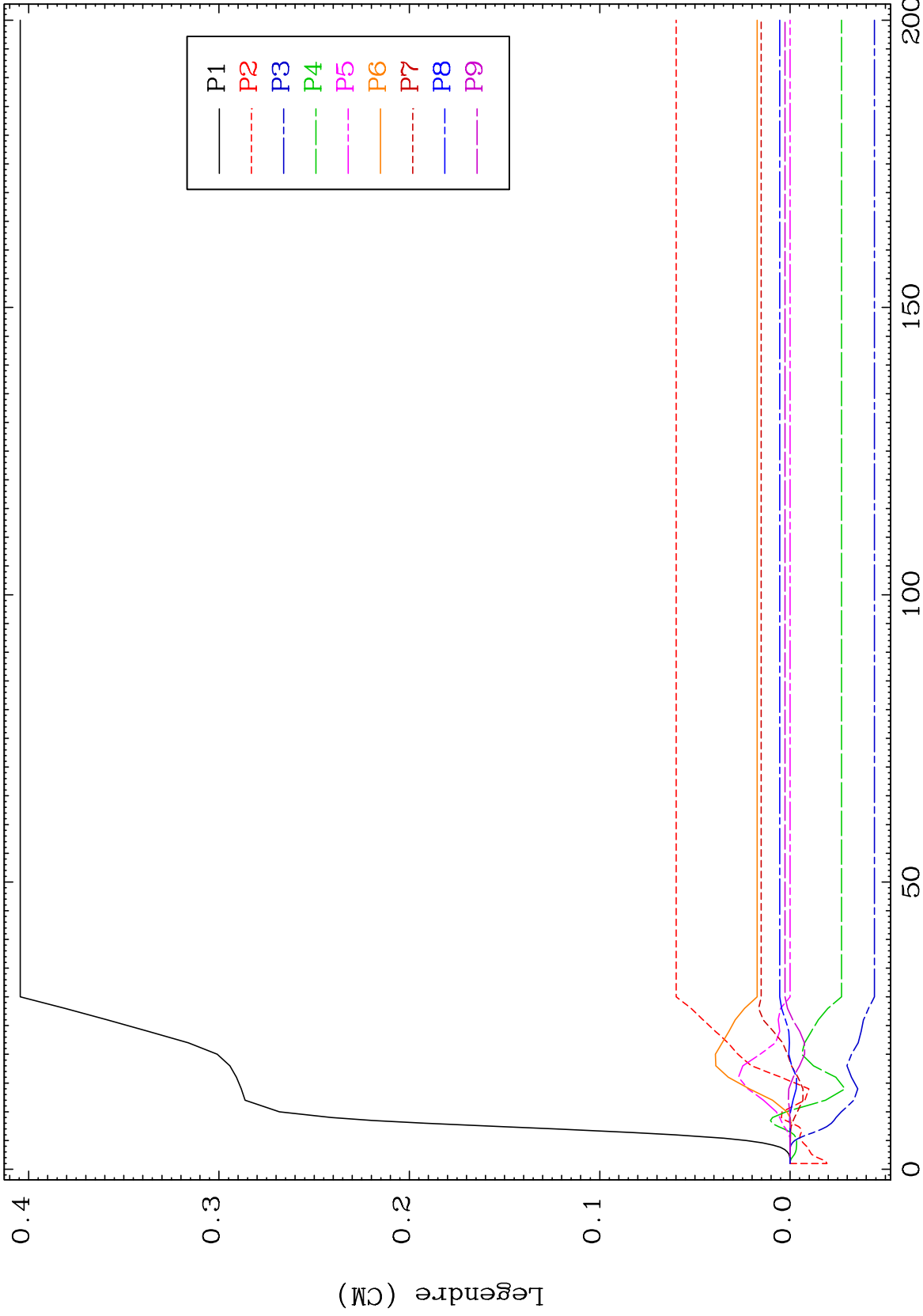


43-Tc-92

MAT 4304

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

43-Tc-92



46

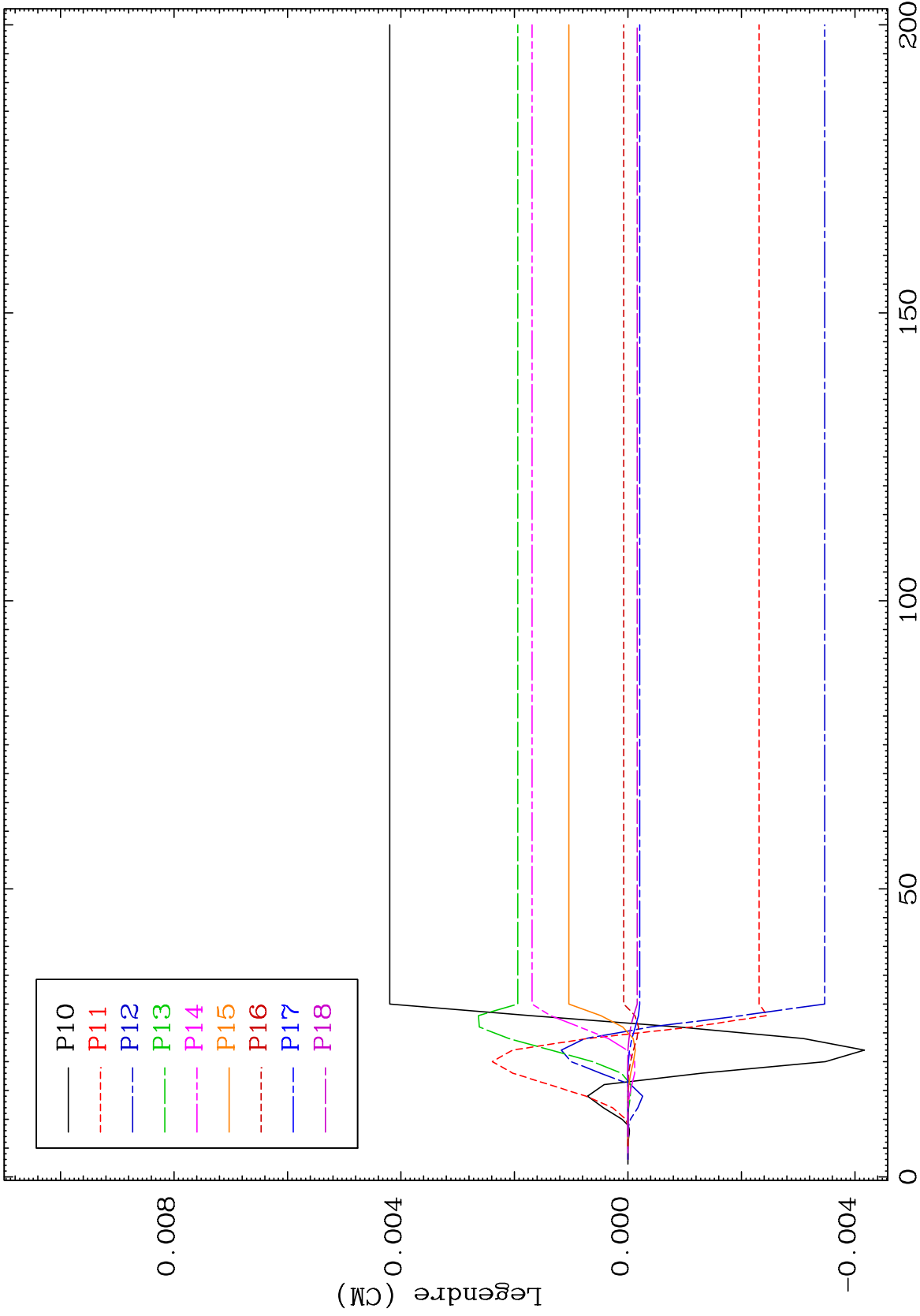
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



47

Incident Energy (MeV)

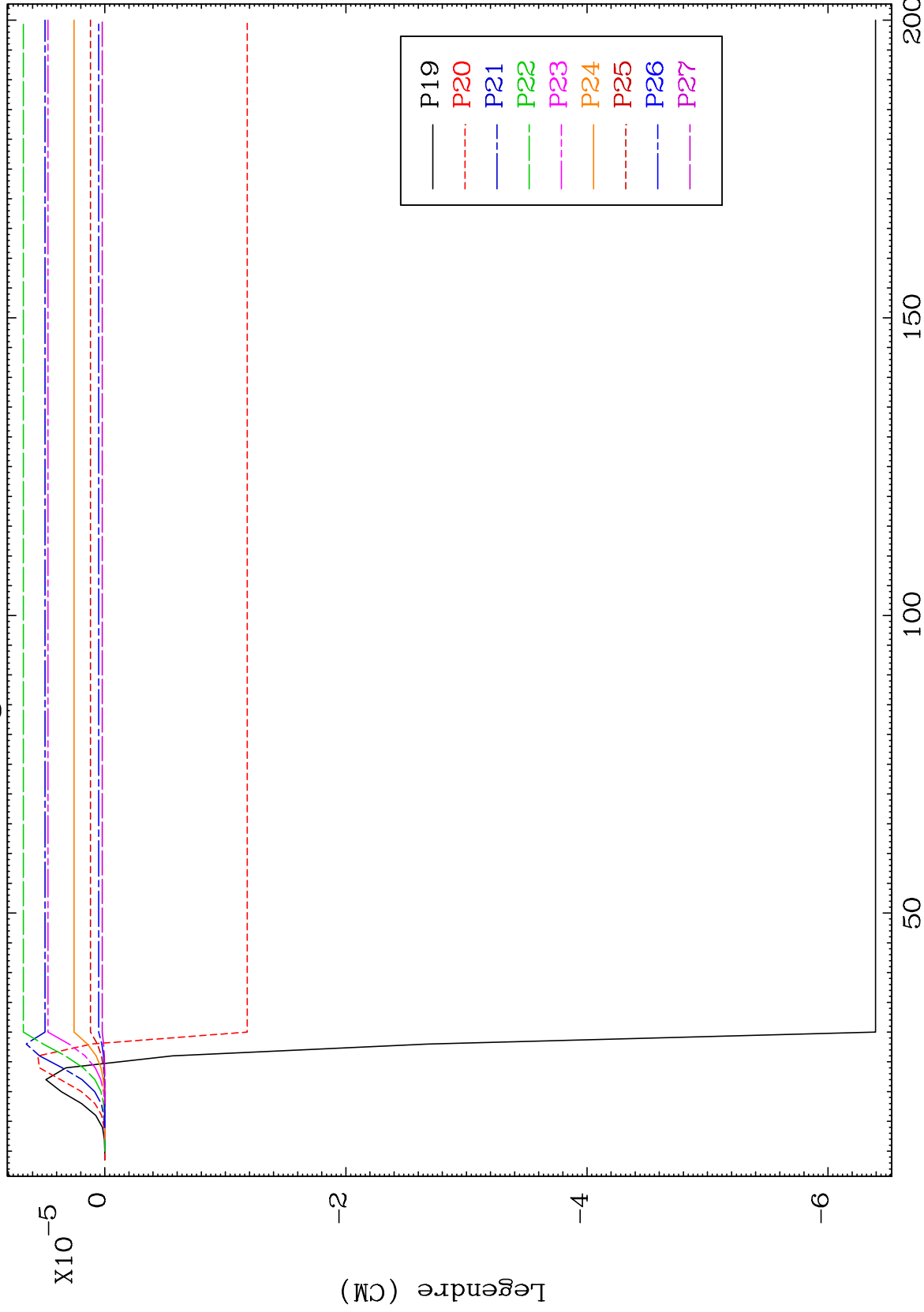
43-Tc-92



MAT 4304

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

43-Tc-92



48

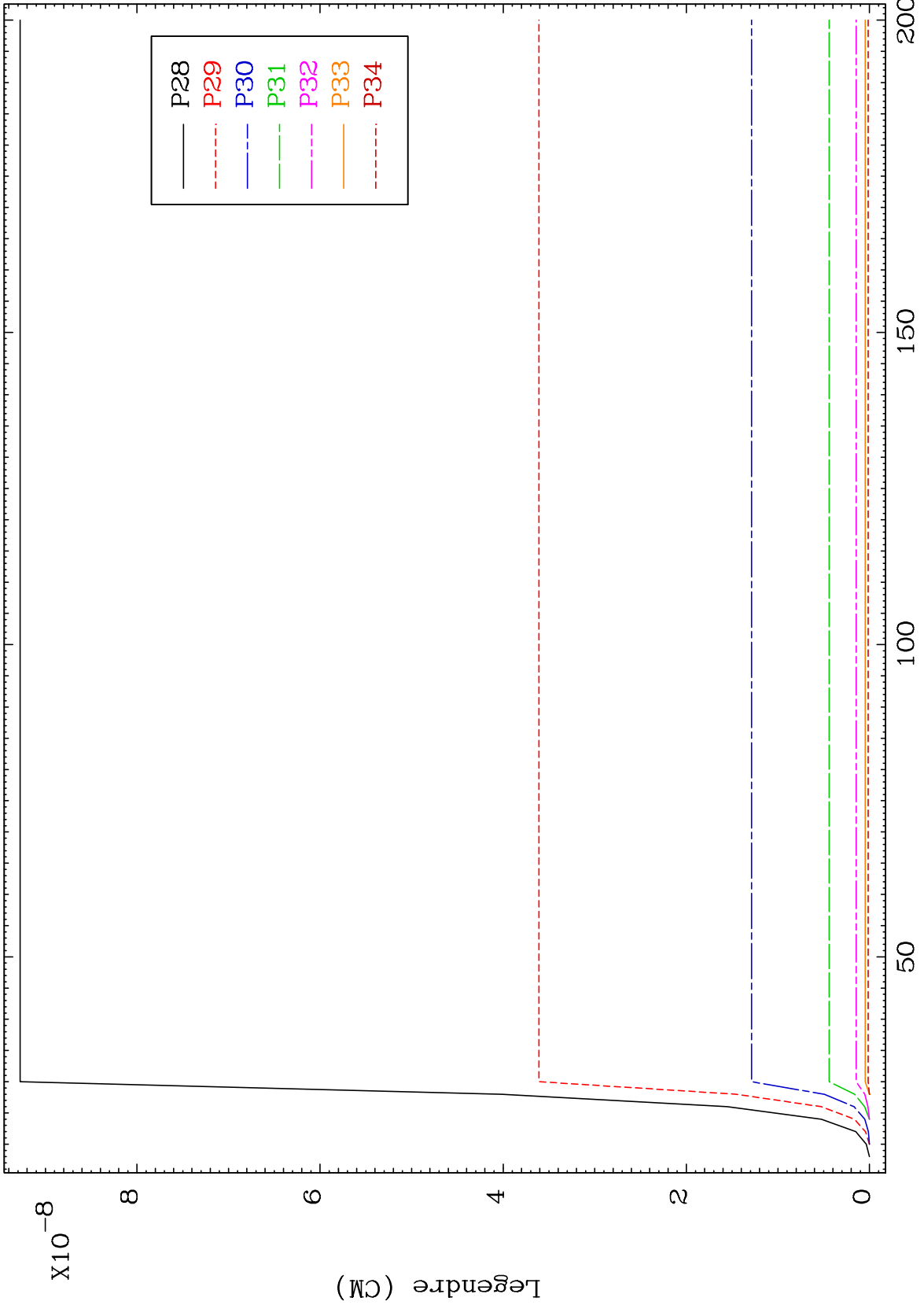
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



49

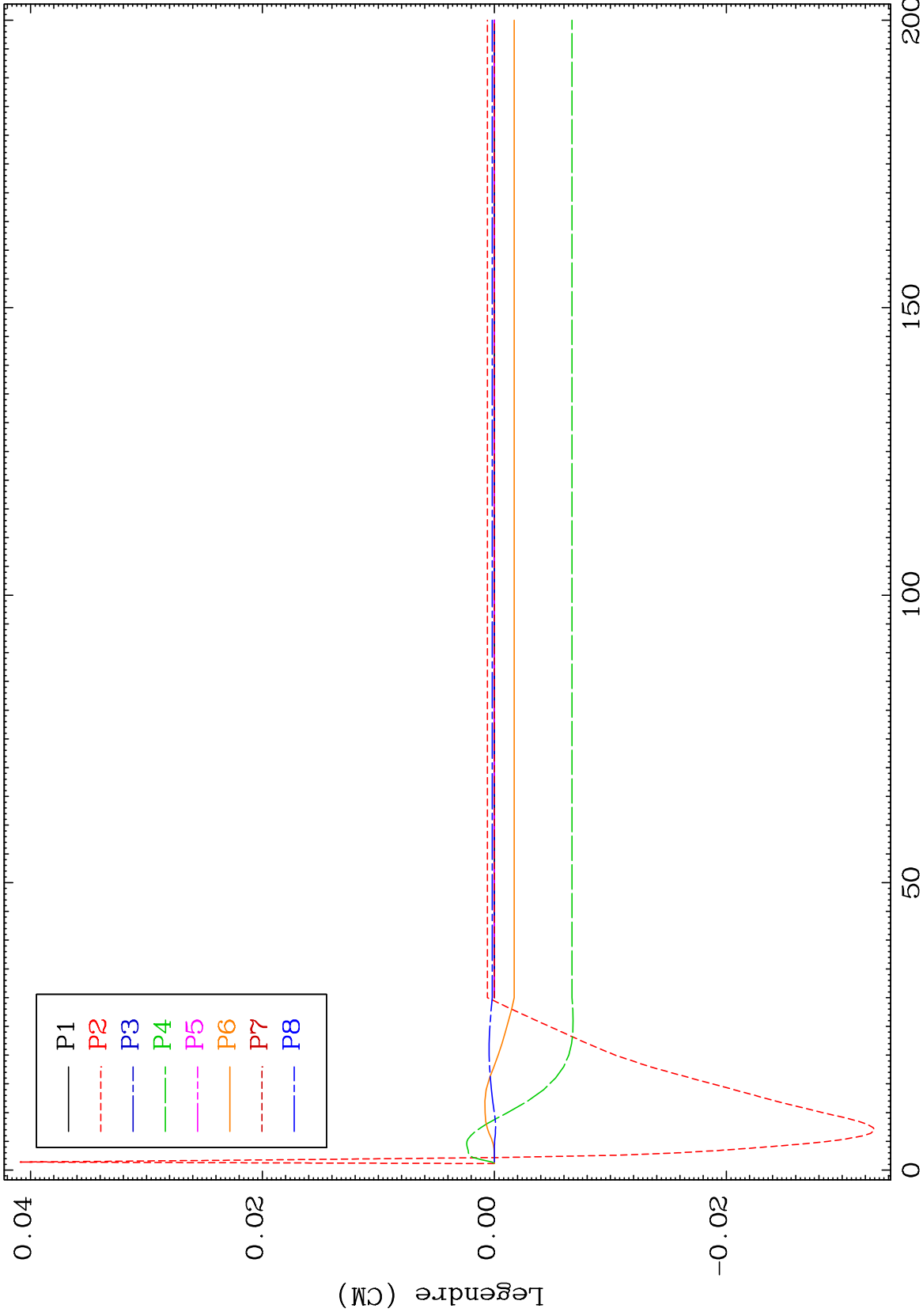
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



50

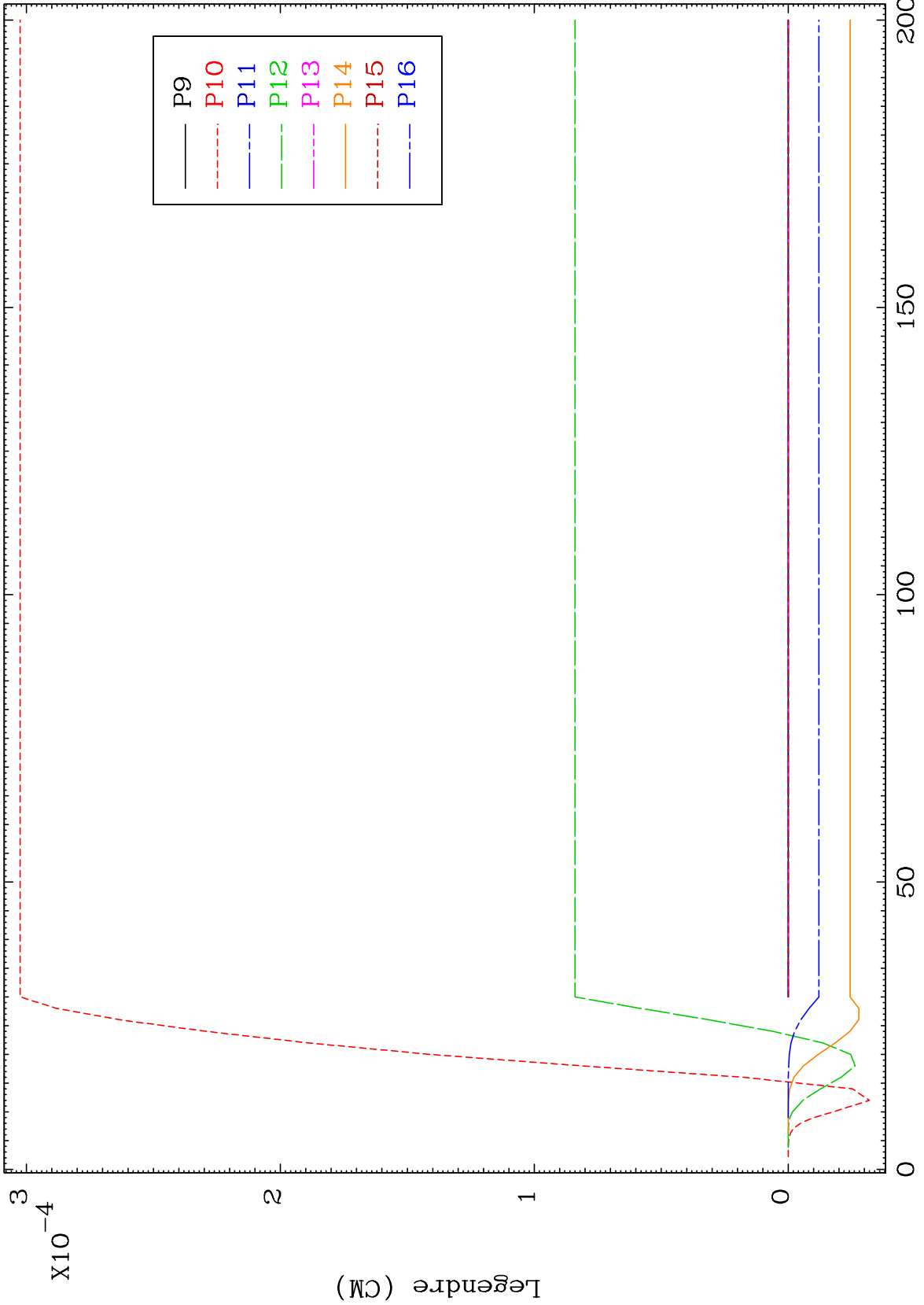
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92

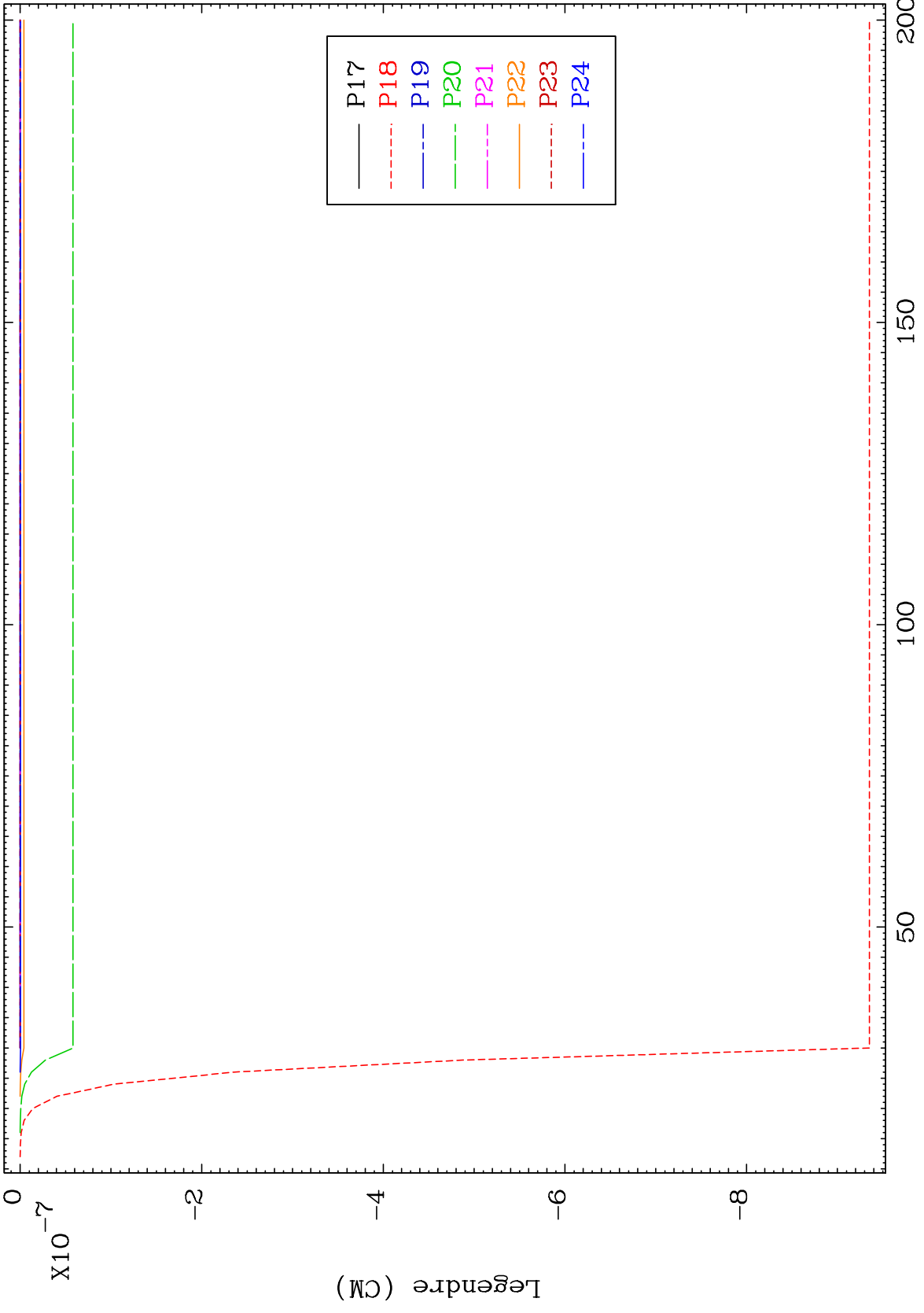


51

Incident Energy (MeV)

43-Tc-92

MAT 4304 MT= 60 (n,n') Level Legendre Coefficients 43-Tc-92

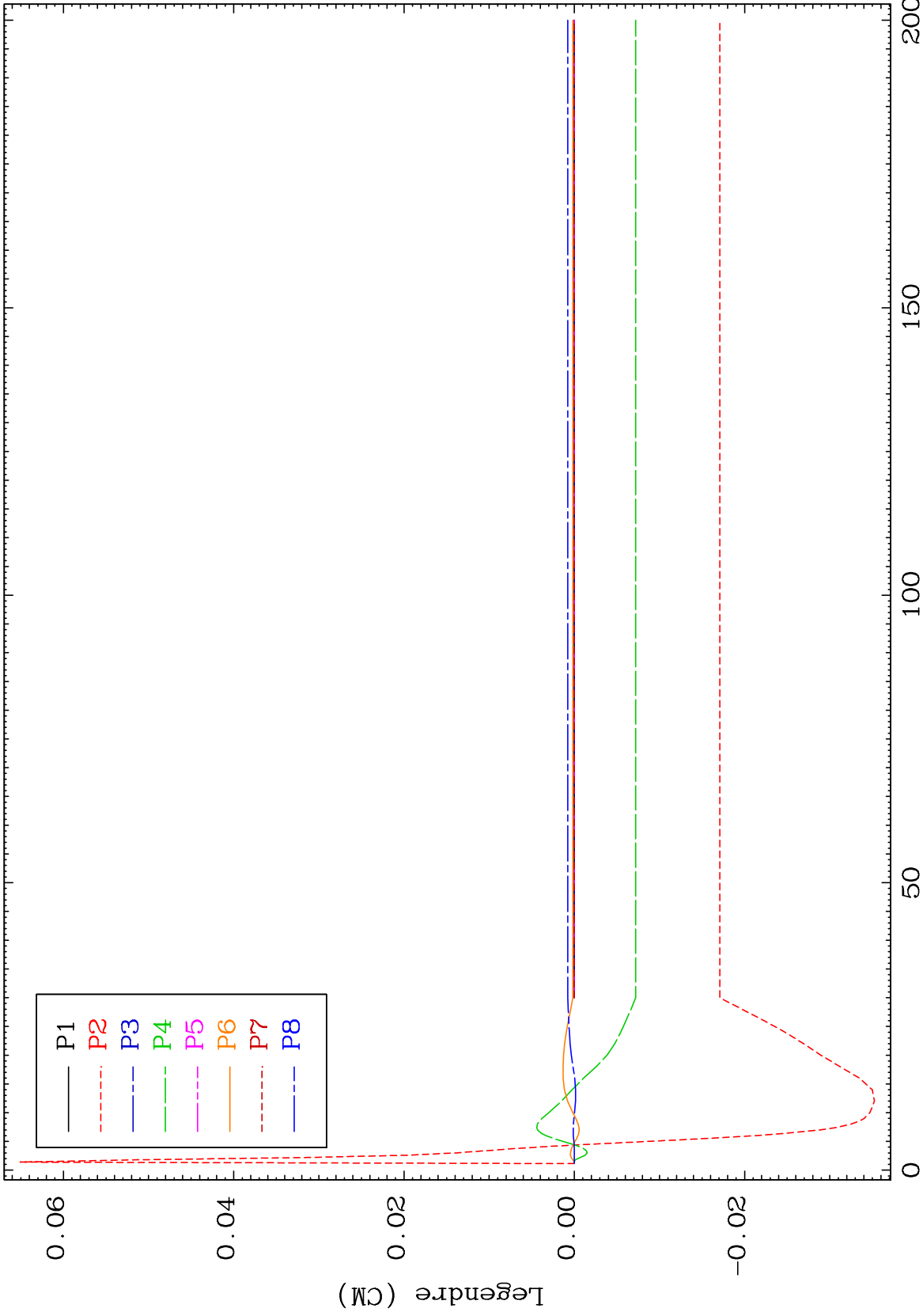


52 Incident Energy (MeV) 43-Tc-92

MAT 4304

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

43-Tc-92



53

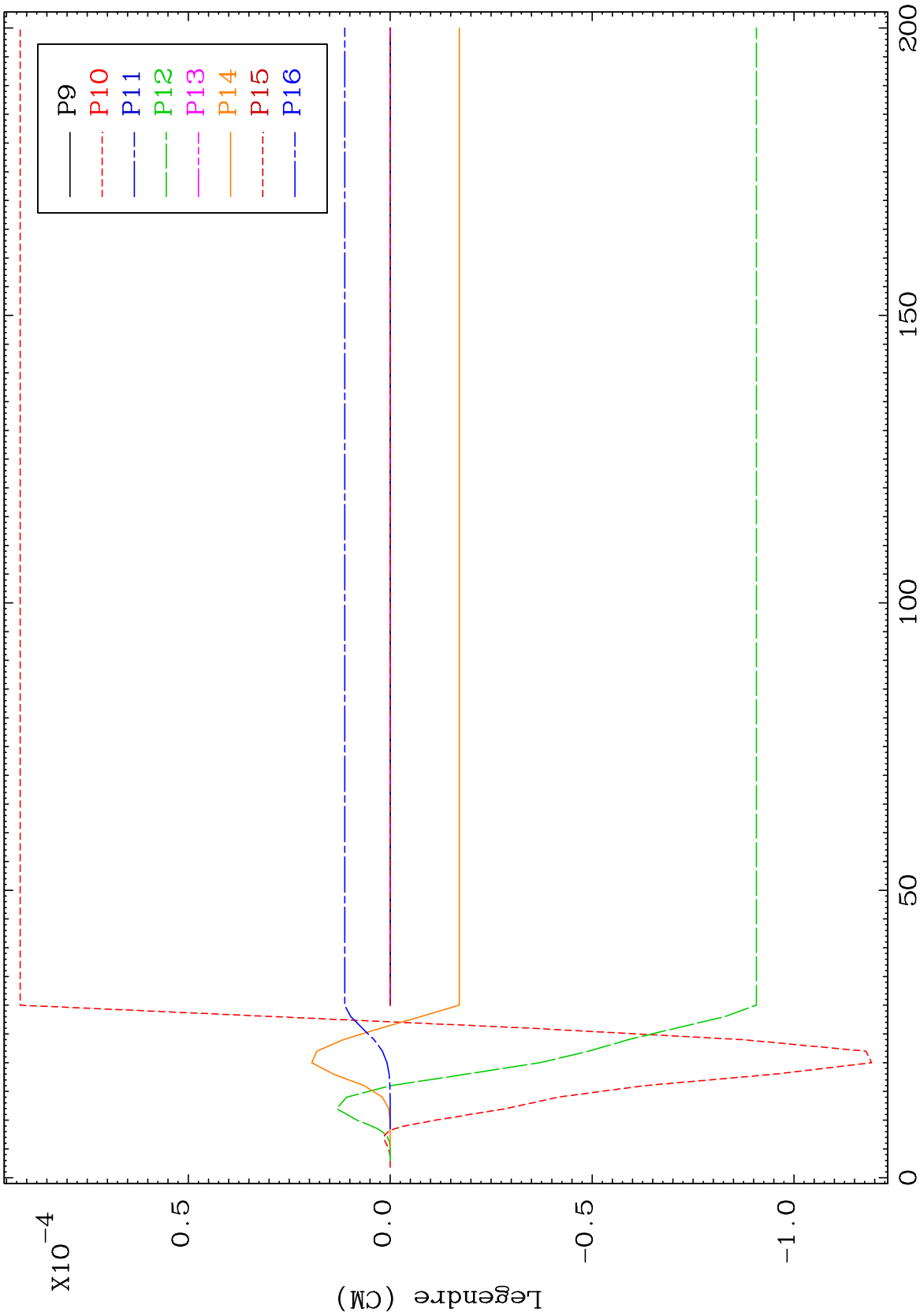
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92

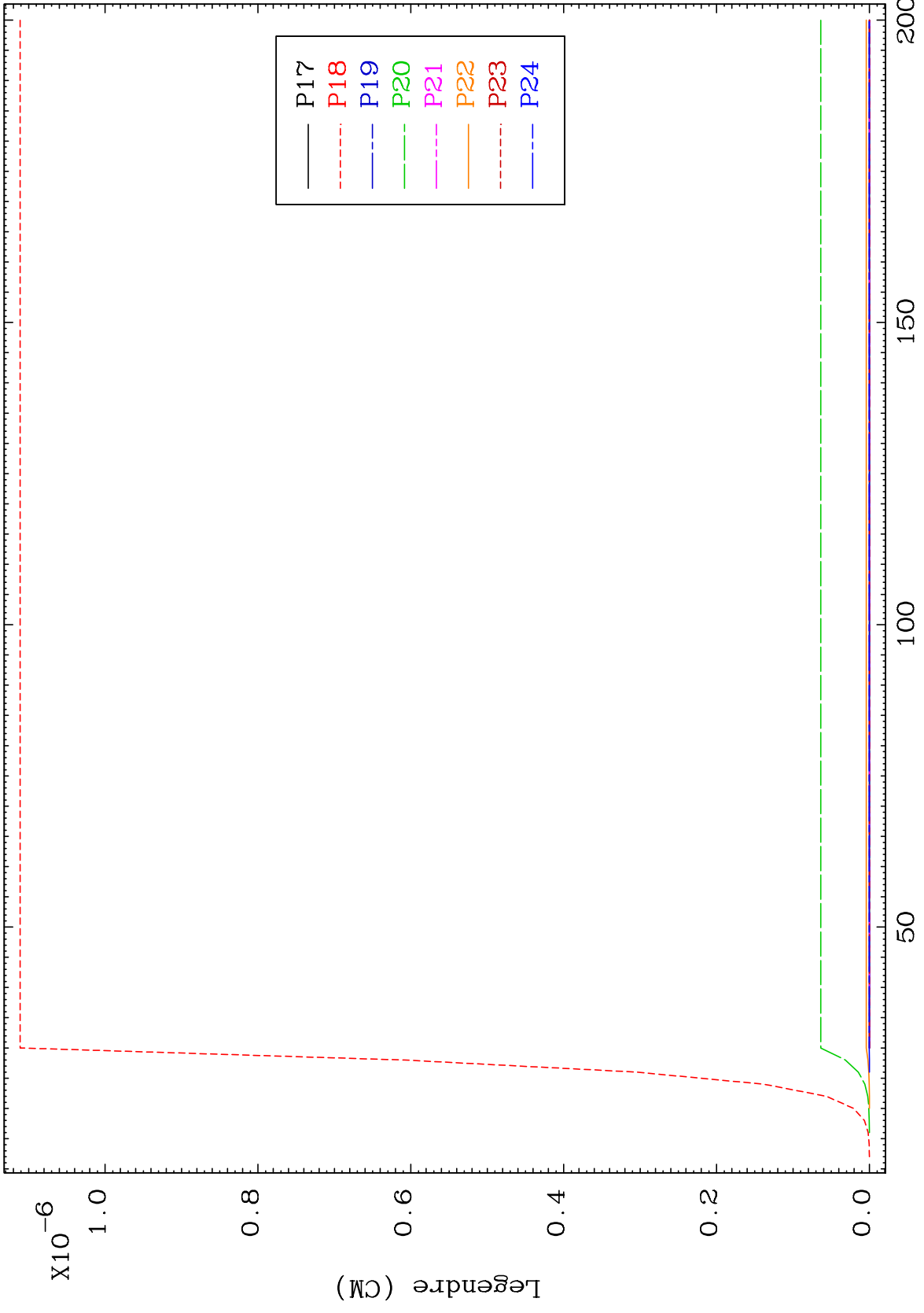


54

Incident Energy (MeV)

43-Tc-92

MAT 4304 MT= 61 (n,n') Level Legendre Coefficients 43-Tc-92



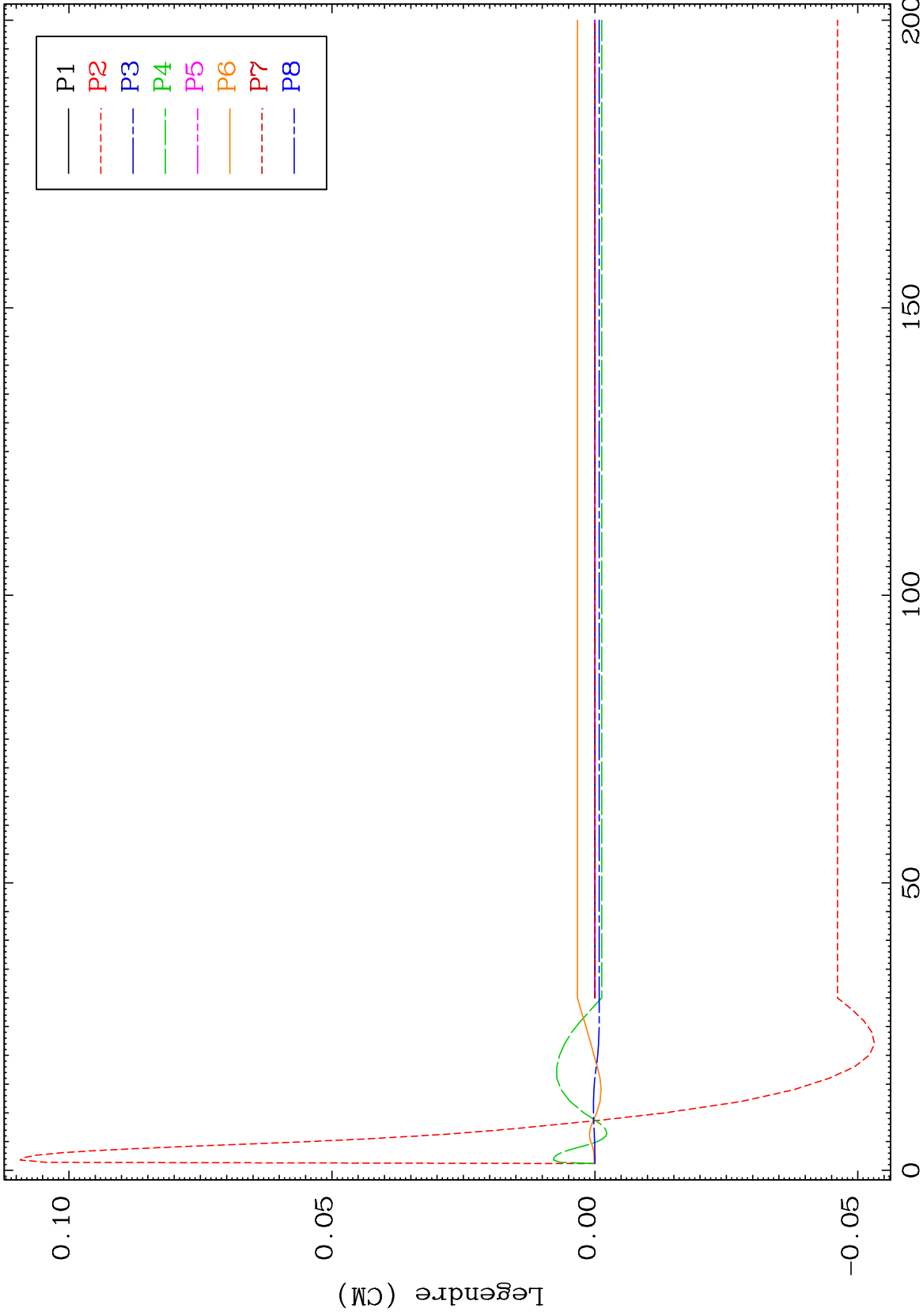
55 100 150 200 43-Tc-92



MAT 4304

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

43-Tc-92



56

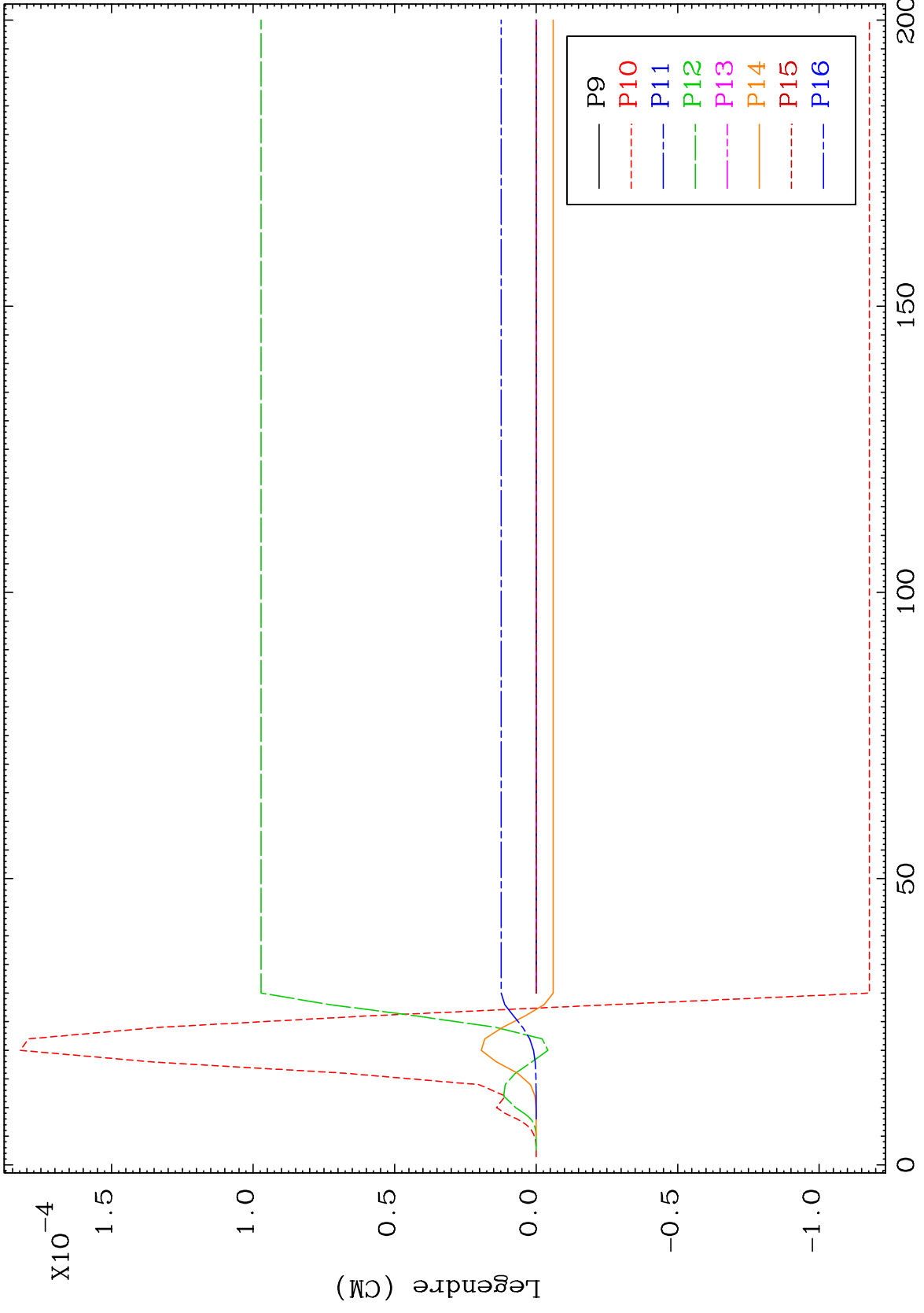
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92

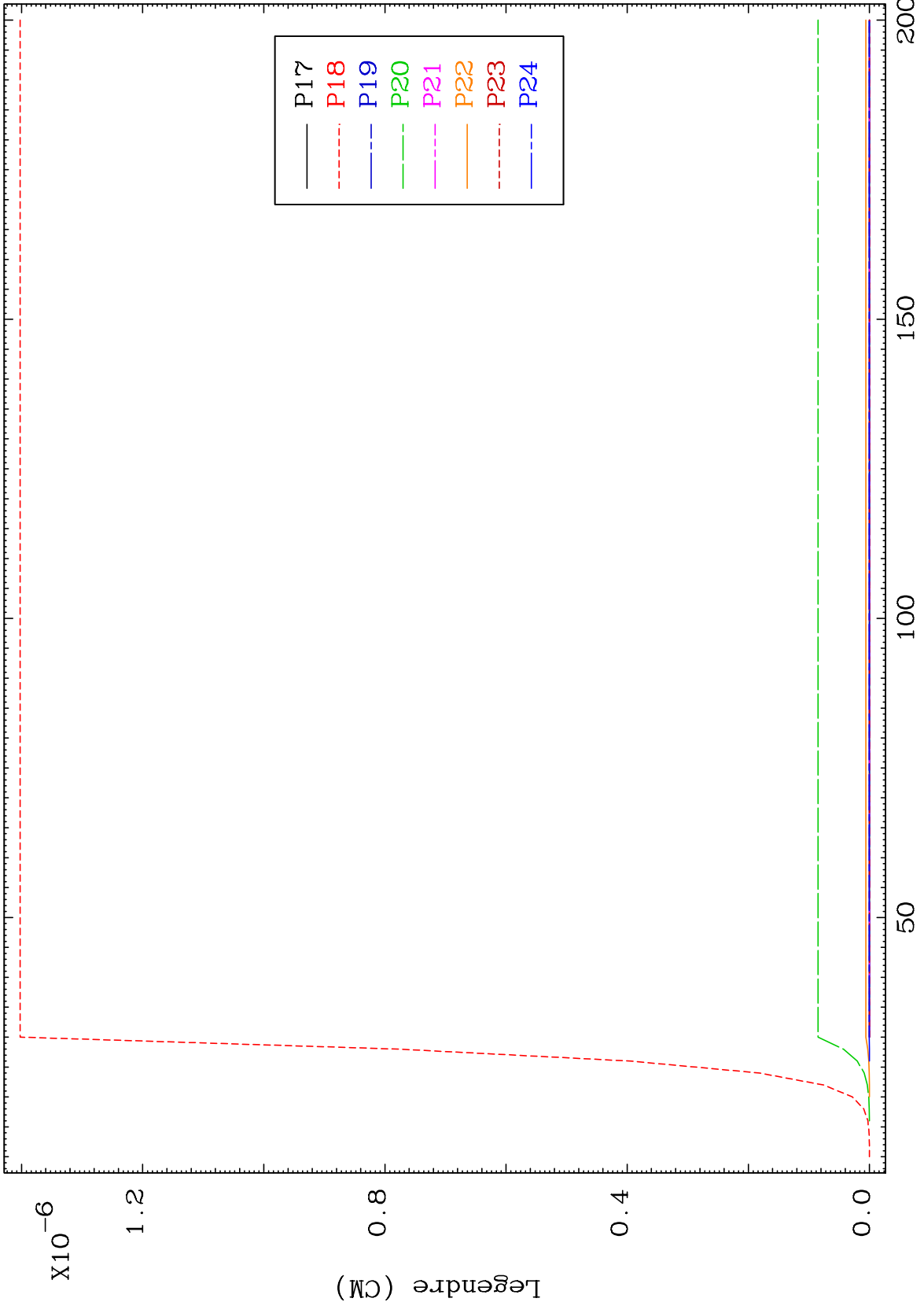


57

Incident Energy (MeV)

43-Tc-92

MAT 4304 MT= 62 (n,n') Level Legendre Coefficients 43-Tc-92

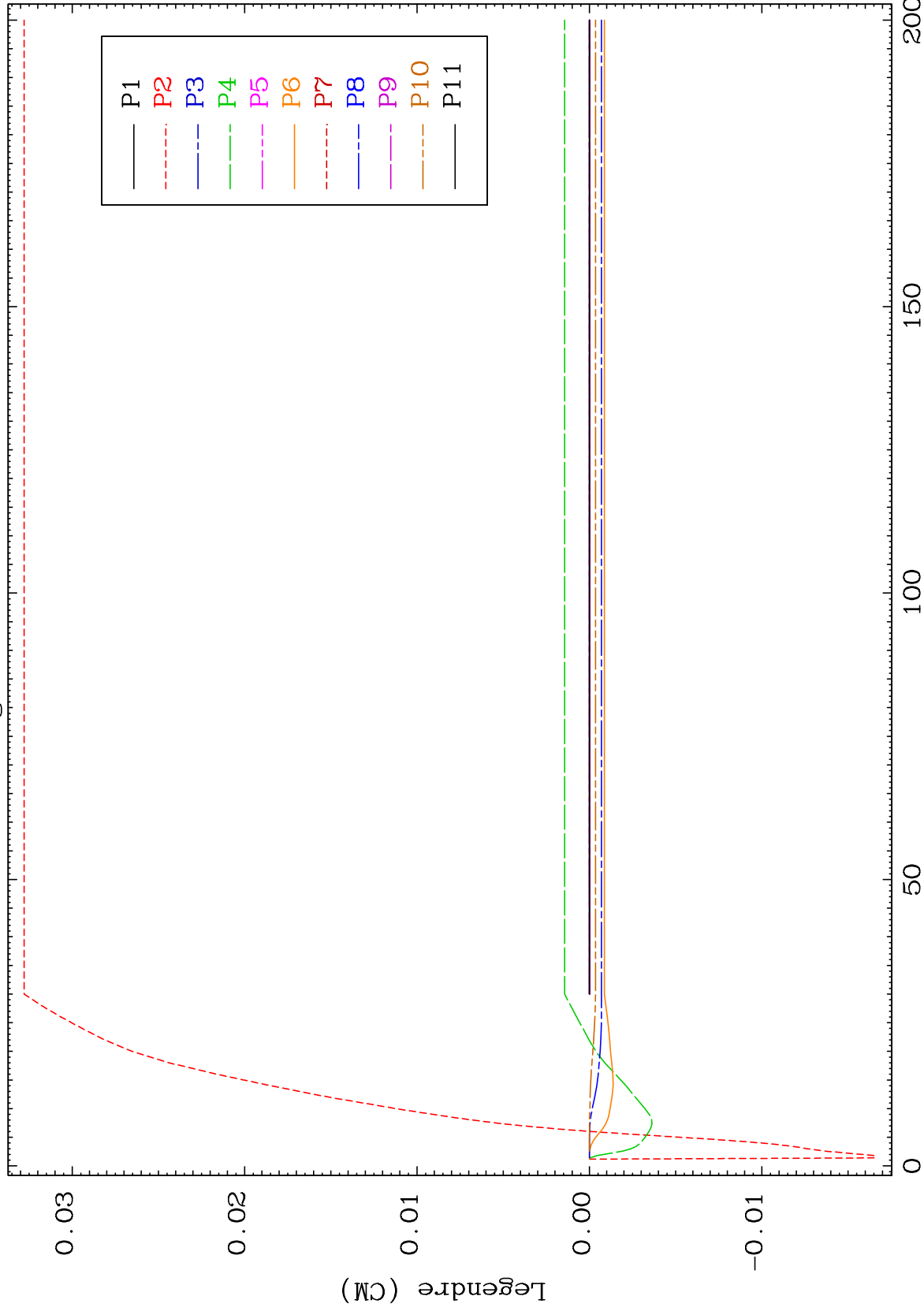


58 100 150 200 43-Tc-92

MAT 4304

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

43-Tc-92



59

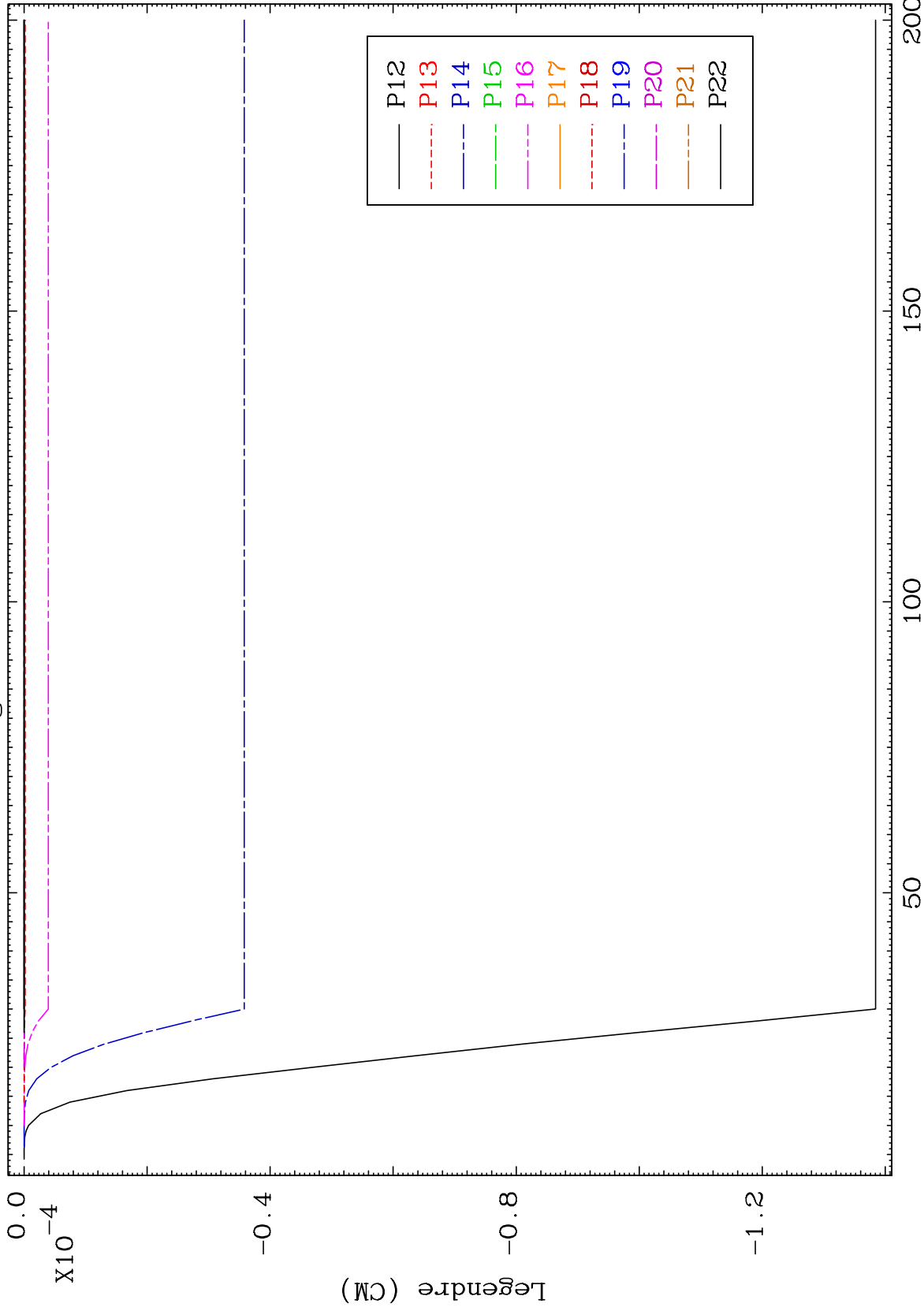
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



60

Incident Energy (MeV)

150

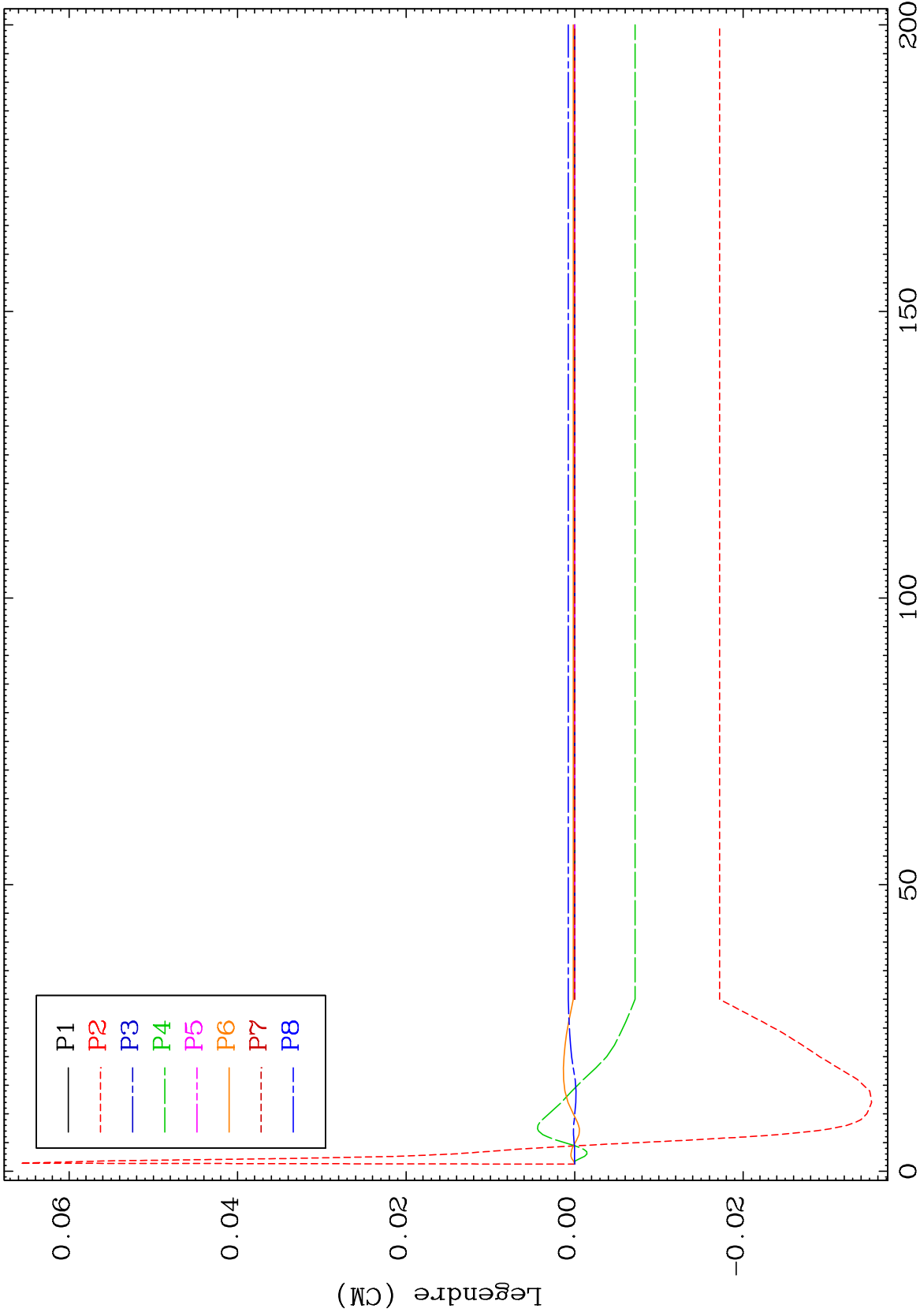
200

43-Tc-92

MAT 4304

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

43-Tc-92



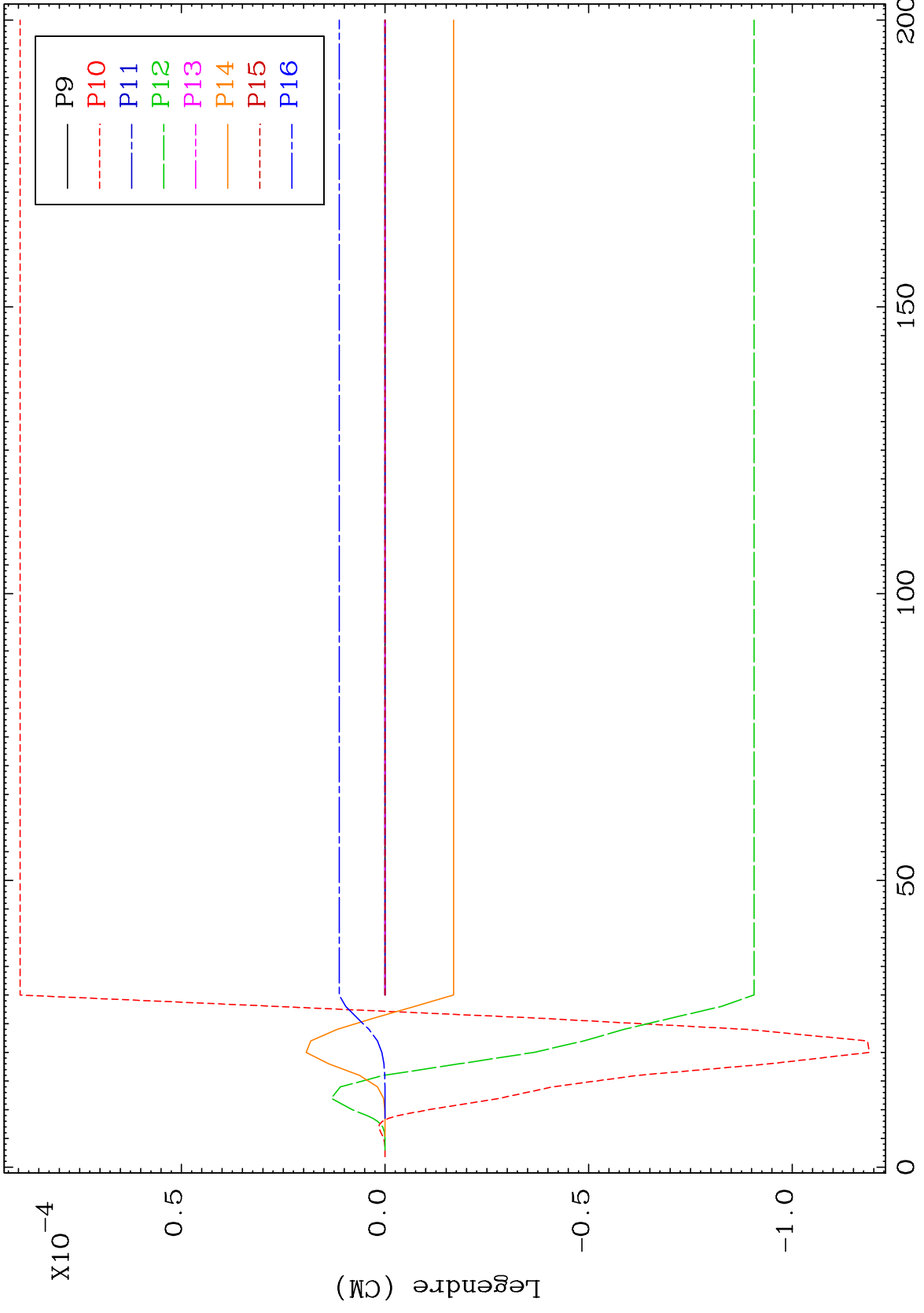
61

43-Tc-92

MAT 4304

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

43-Tc-92

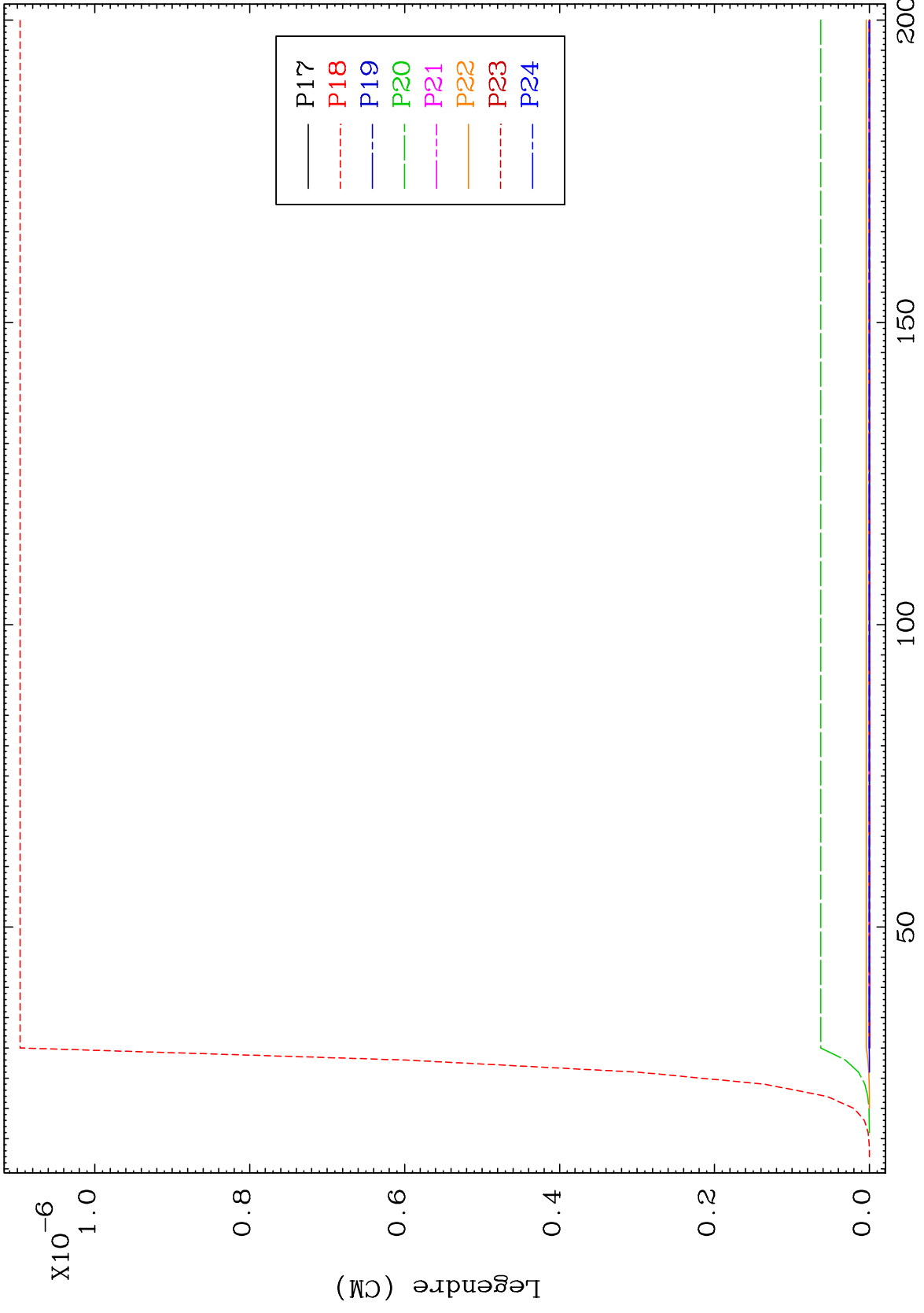


62

Incident Energy (MeV)

43-Tc-92

MAT 4304 MT= 64 (n,n') Level Legendre Coefficients 43-Tc-92



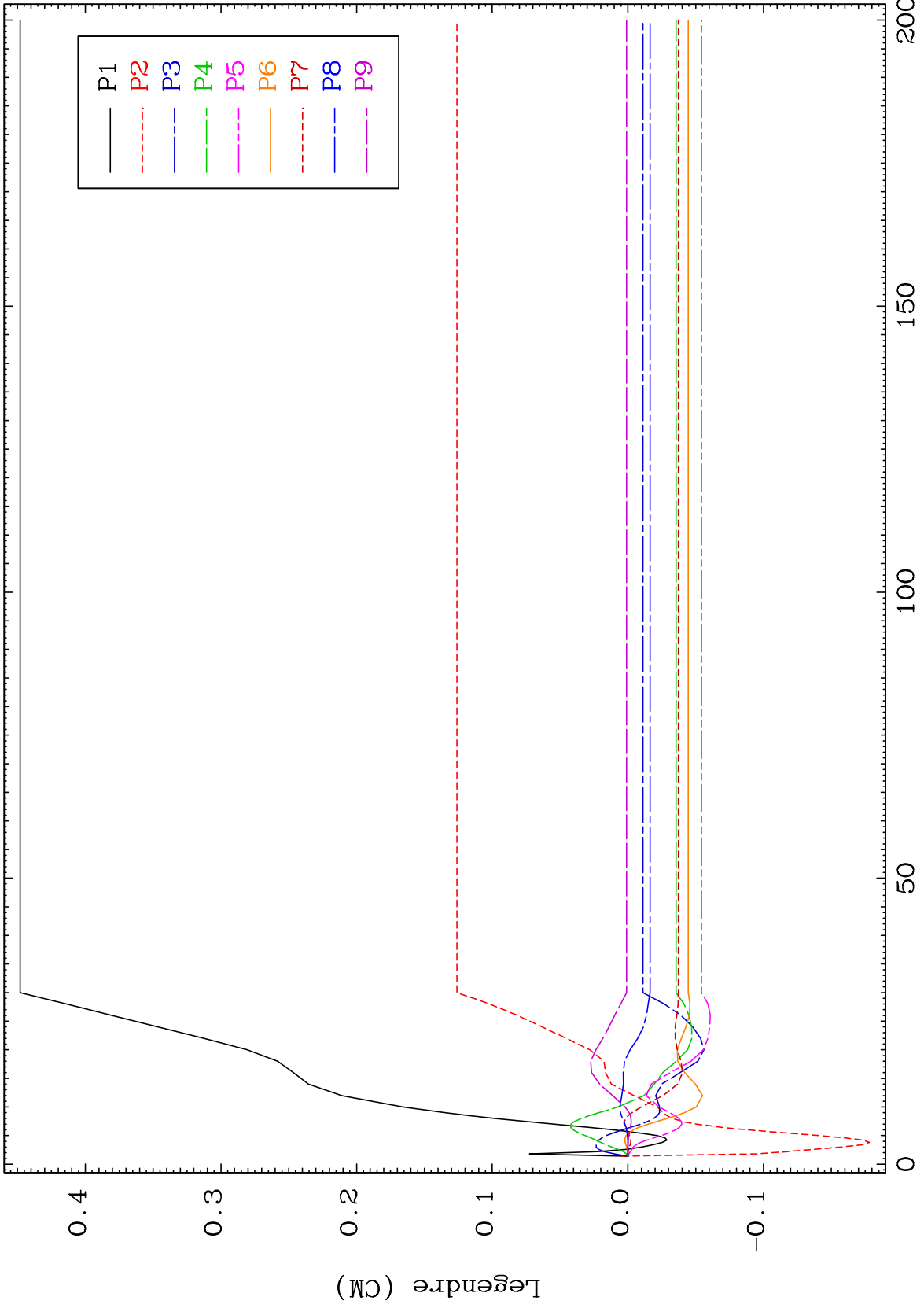
63 43-Tc-92



MAT 4304

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

43-Tc-92



64

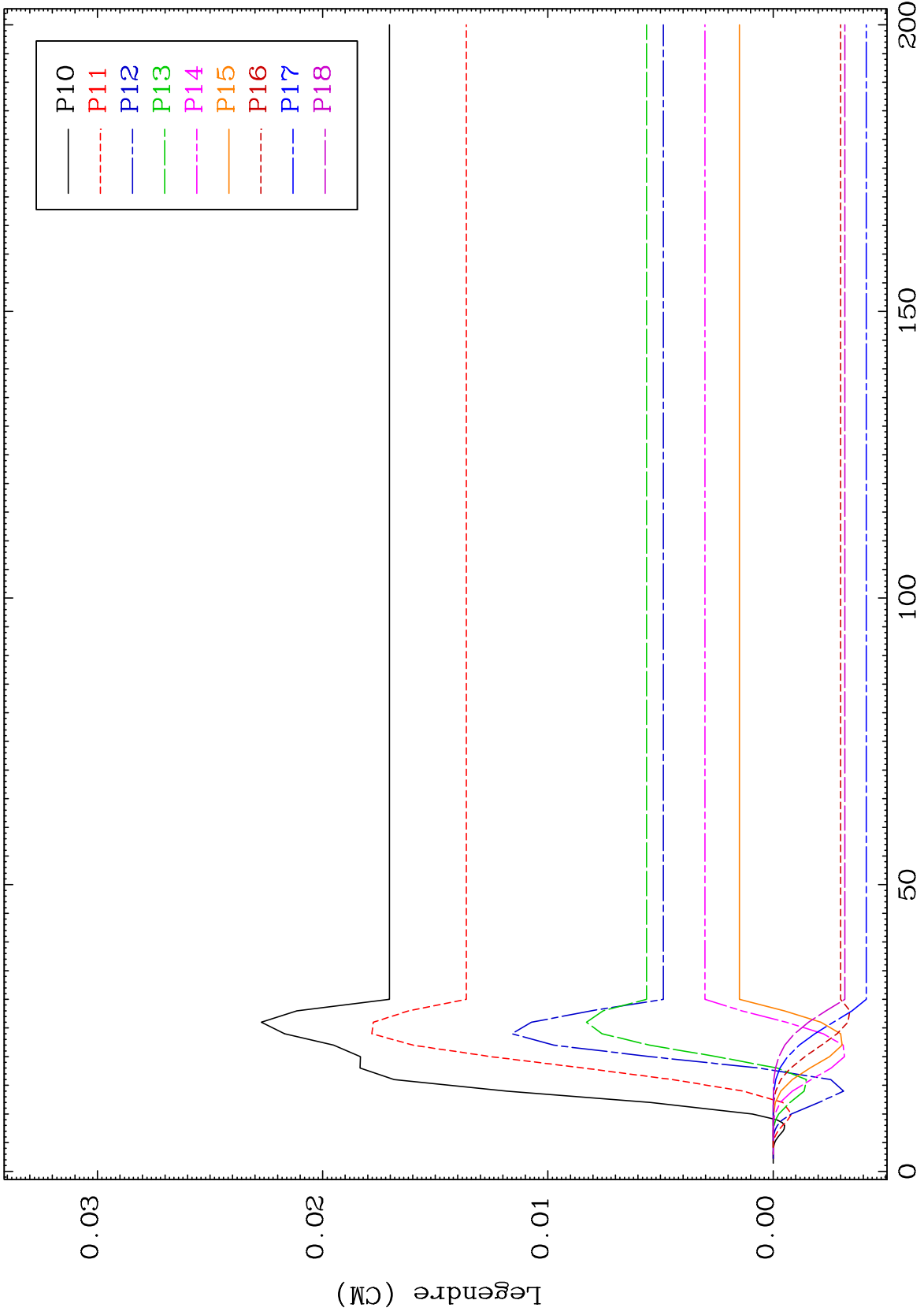
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



65

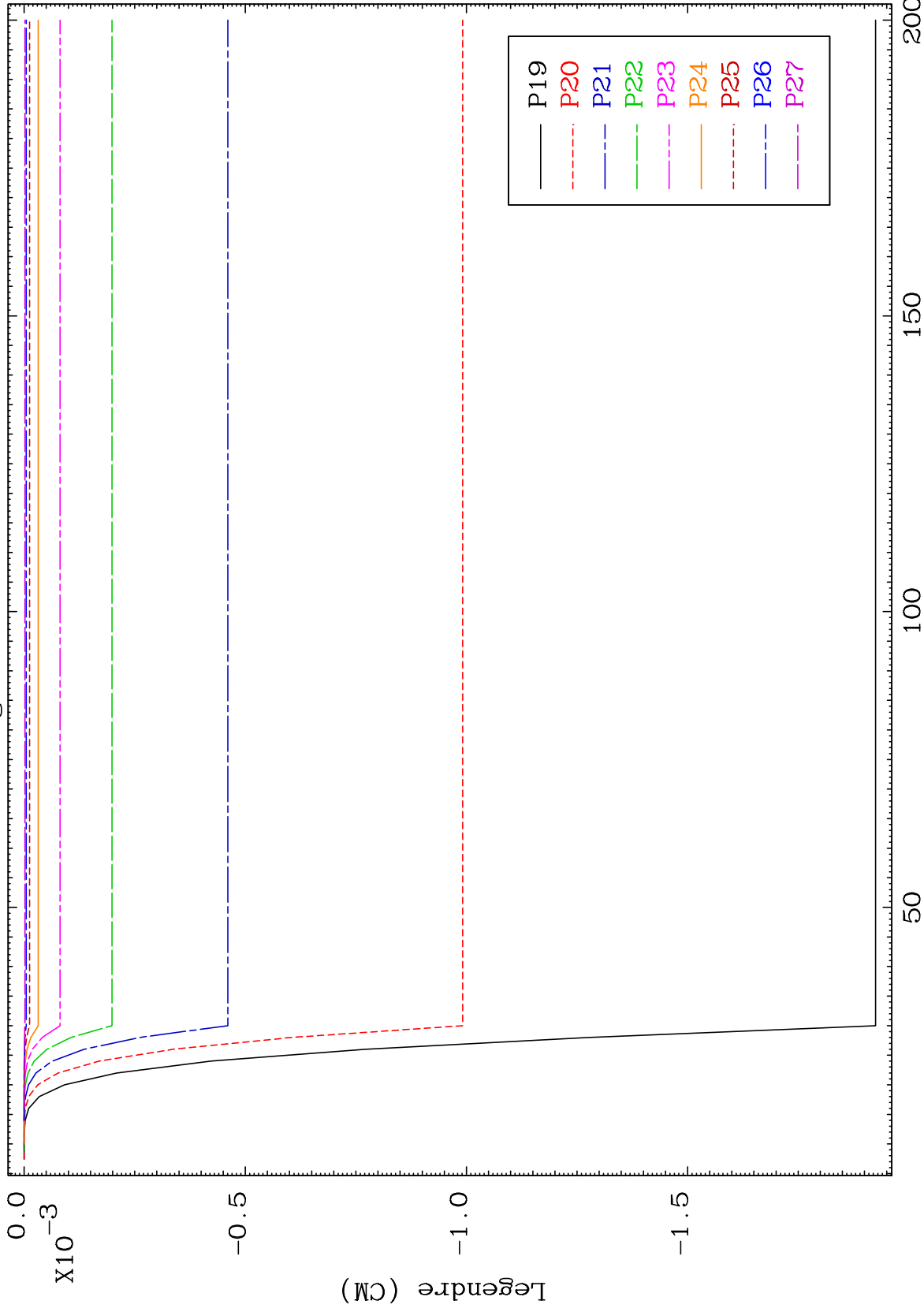
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92

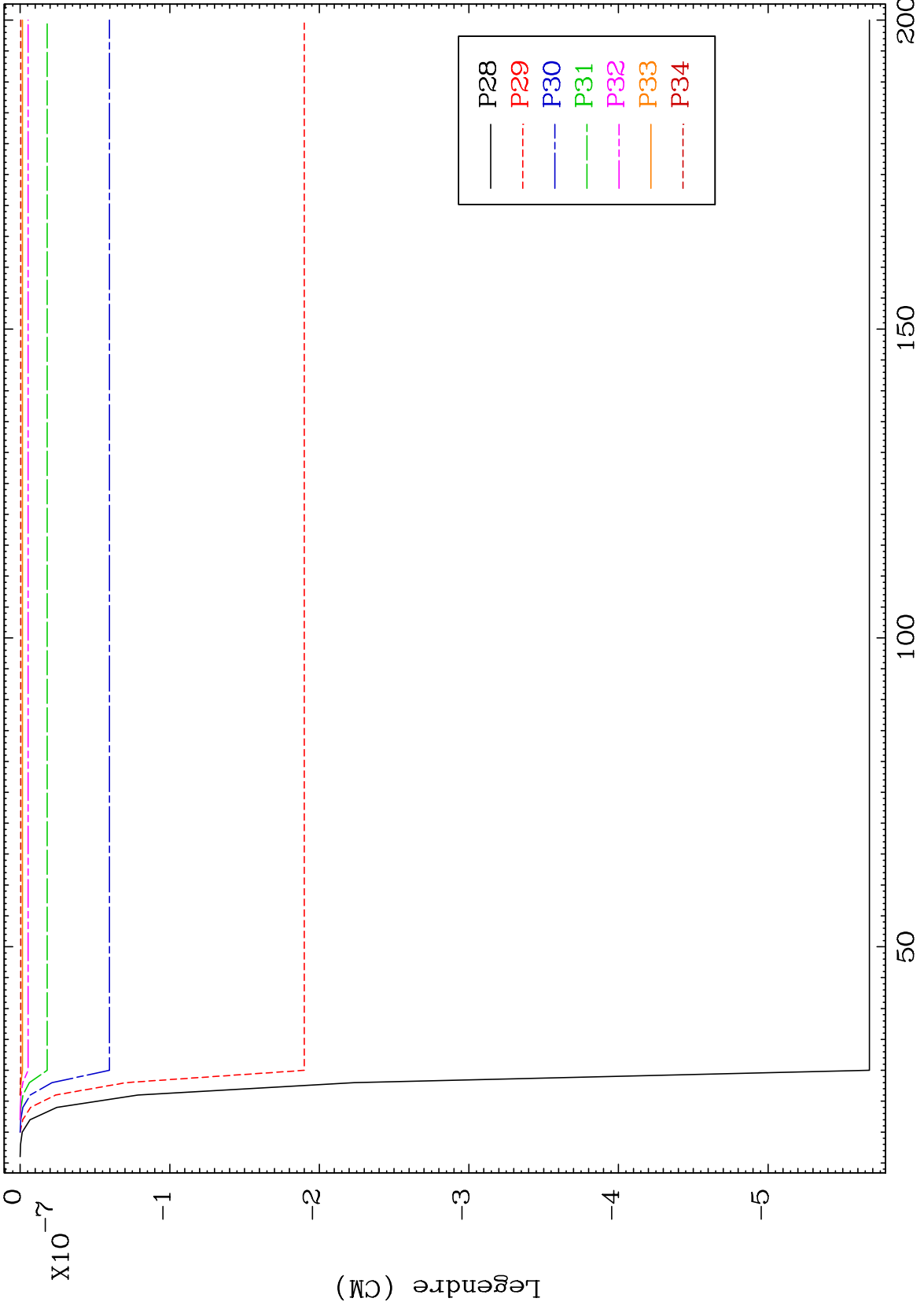


66

Incident Energy (MeV)

43-Tc-92

MAT 4304 MT= 65 (n,n') Level Legendre Coefficients 43-Tc-92

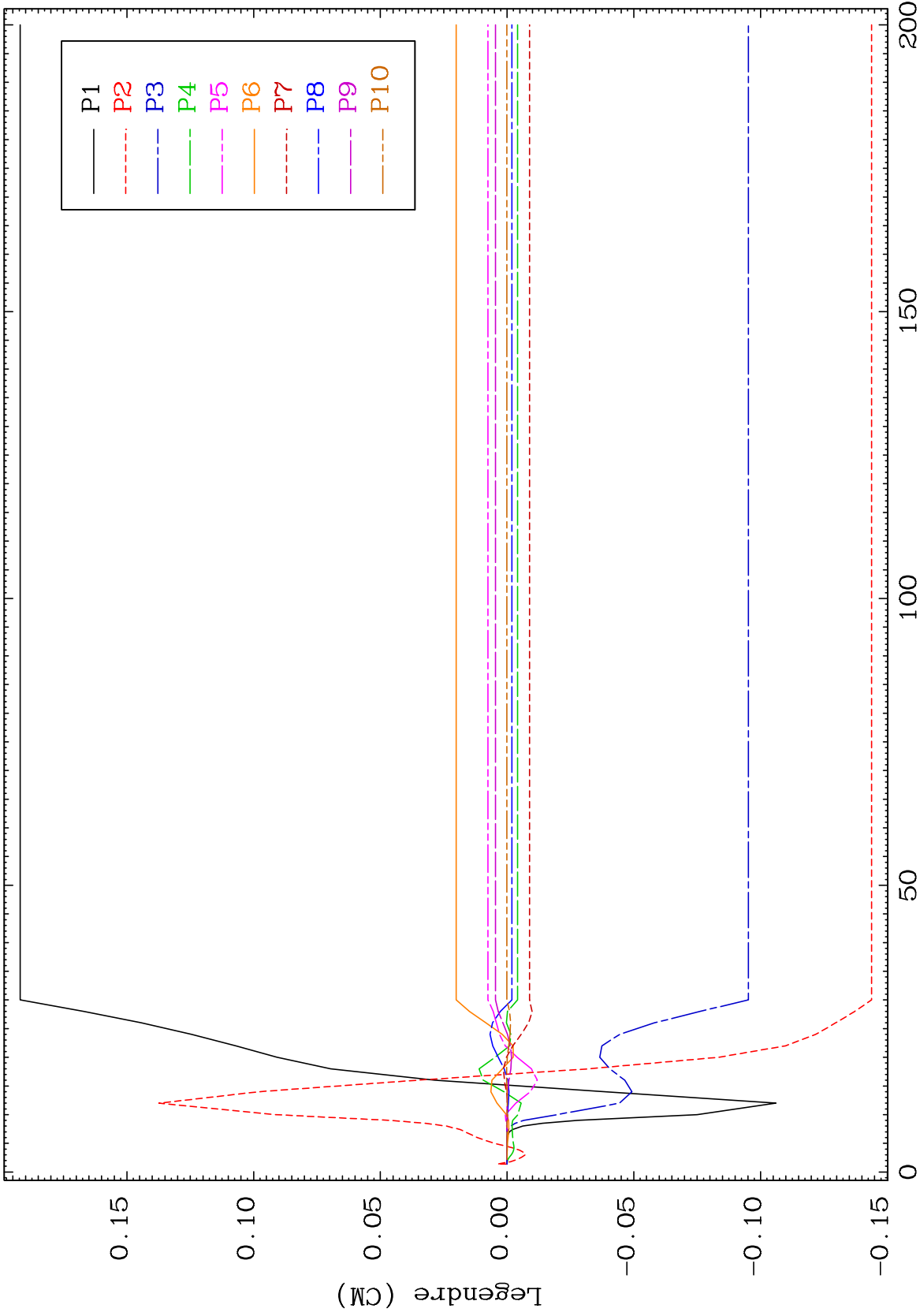


67 43-Tc-92

MAT 4304

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

43-Tc-92



68

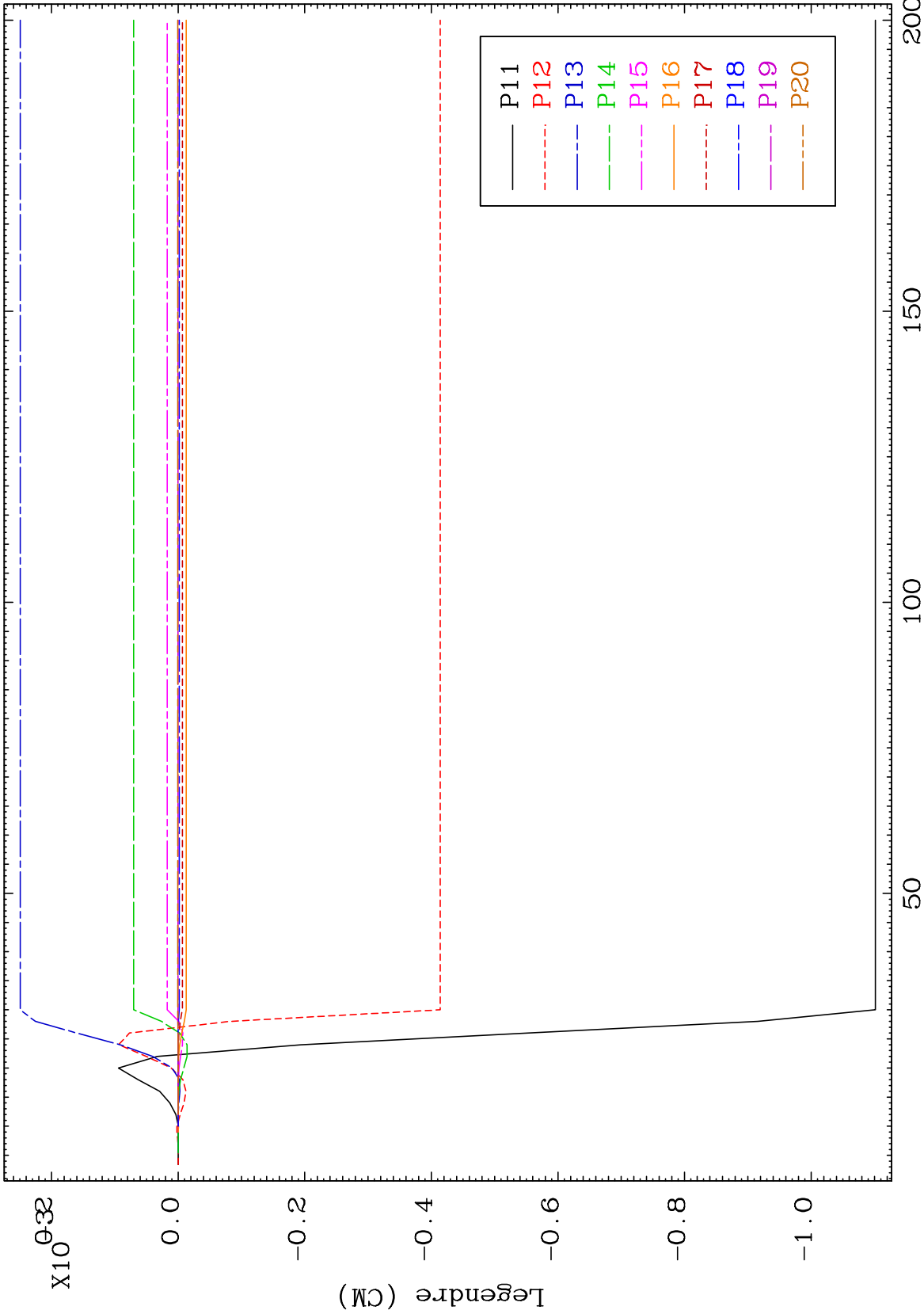
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



69

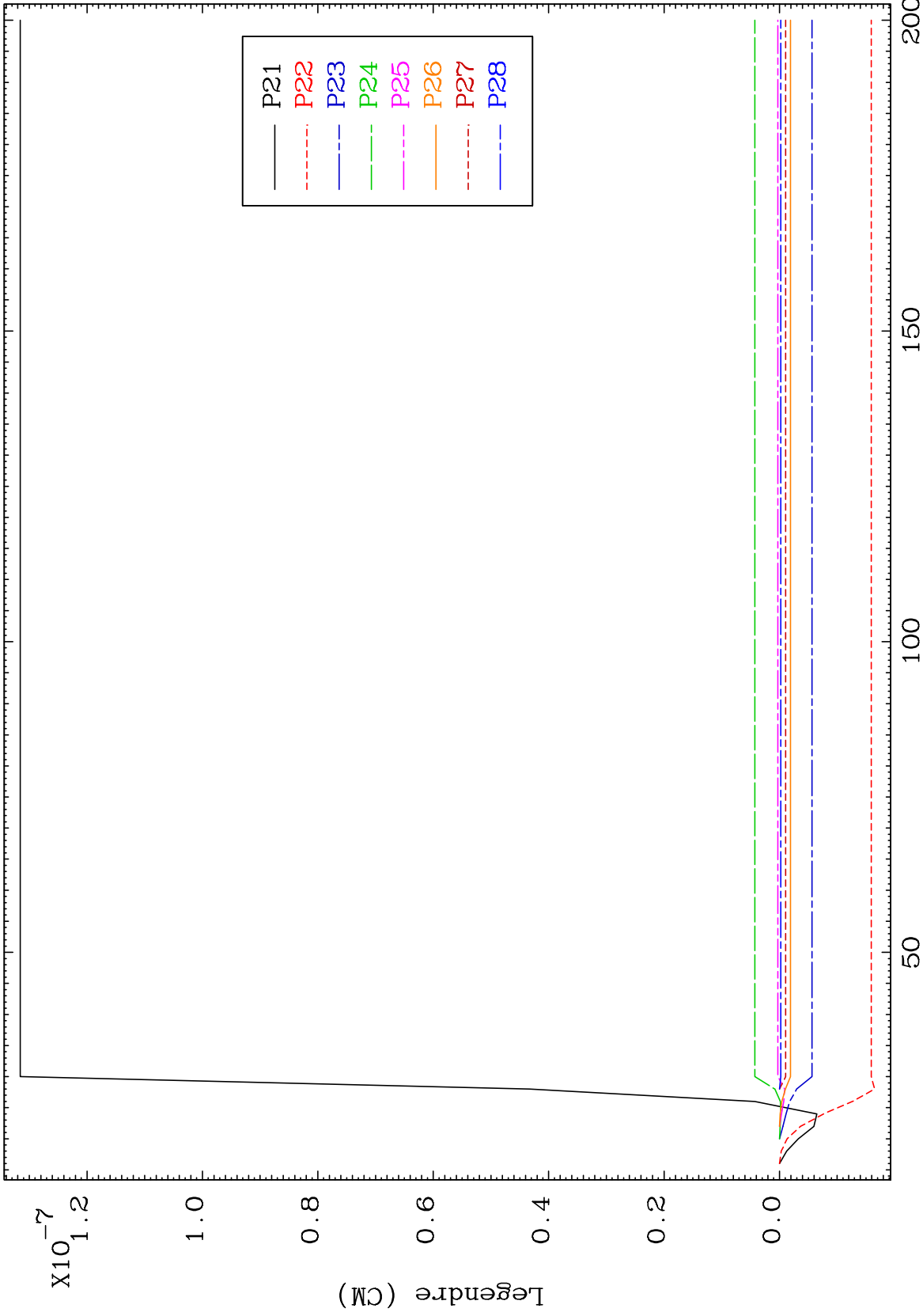
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



70

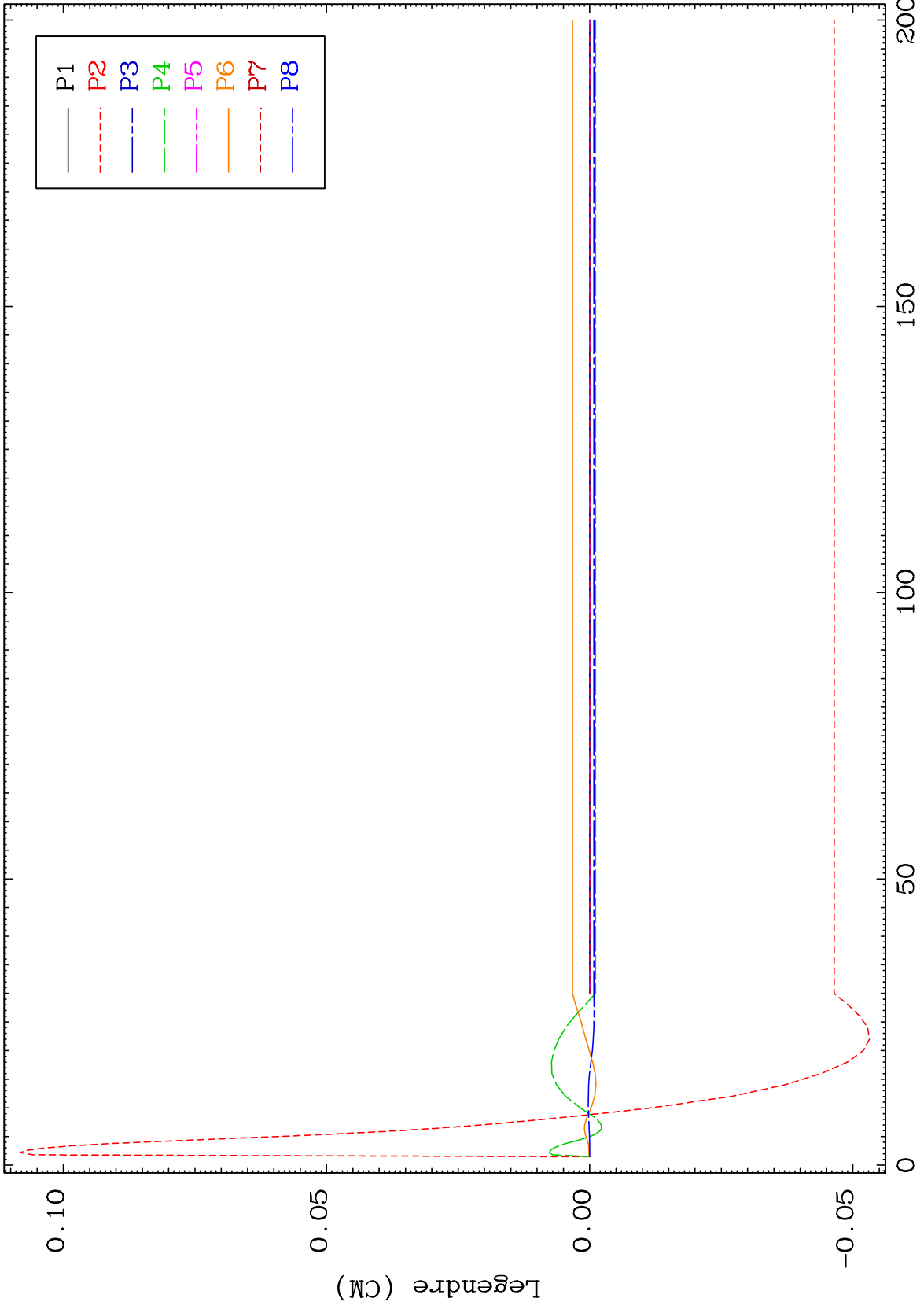
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



71

Incident Energy (MeV)

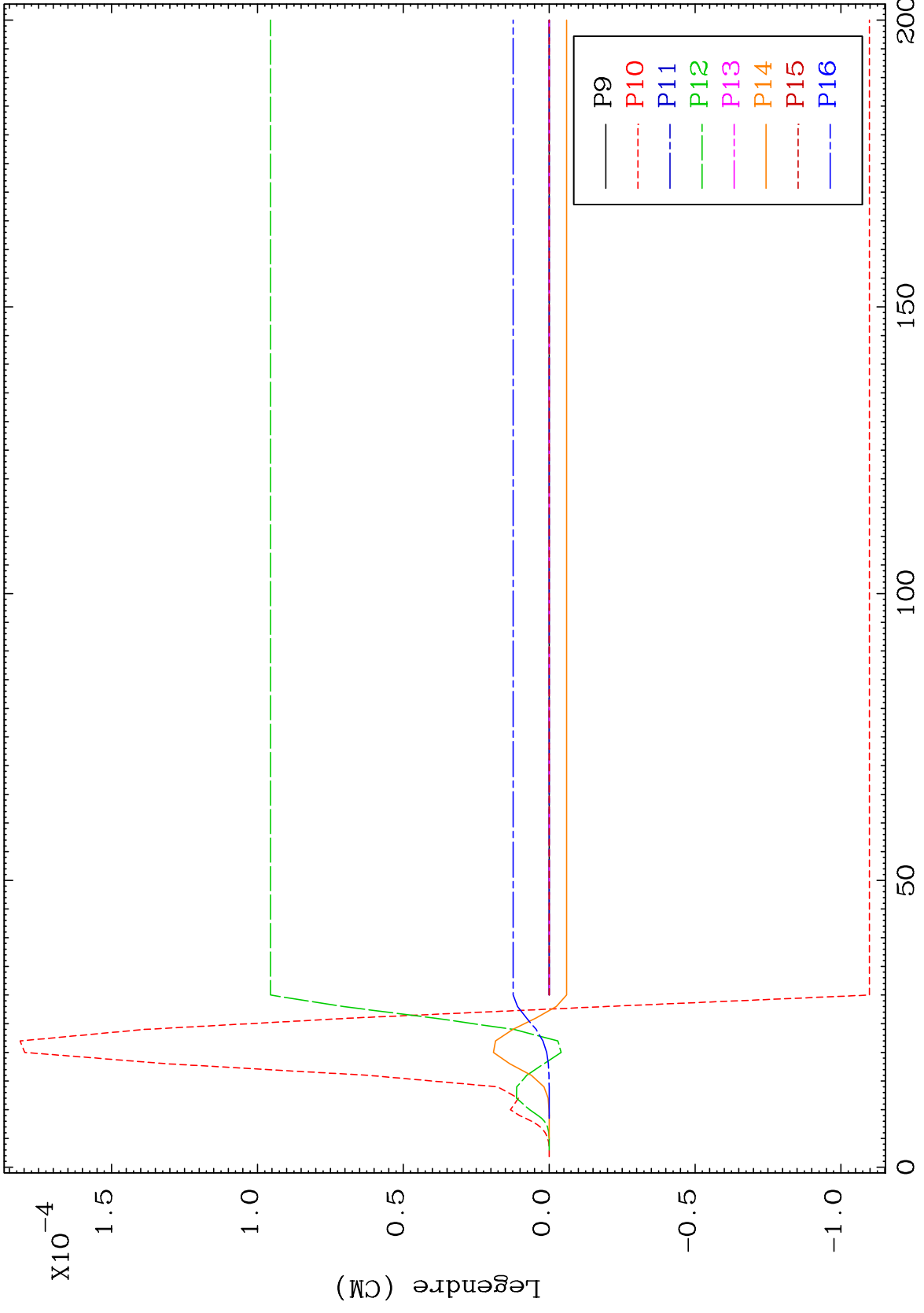
43-Tc-92



MAT 4304

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

43-Tc-92

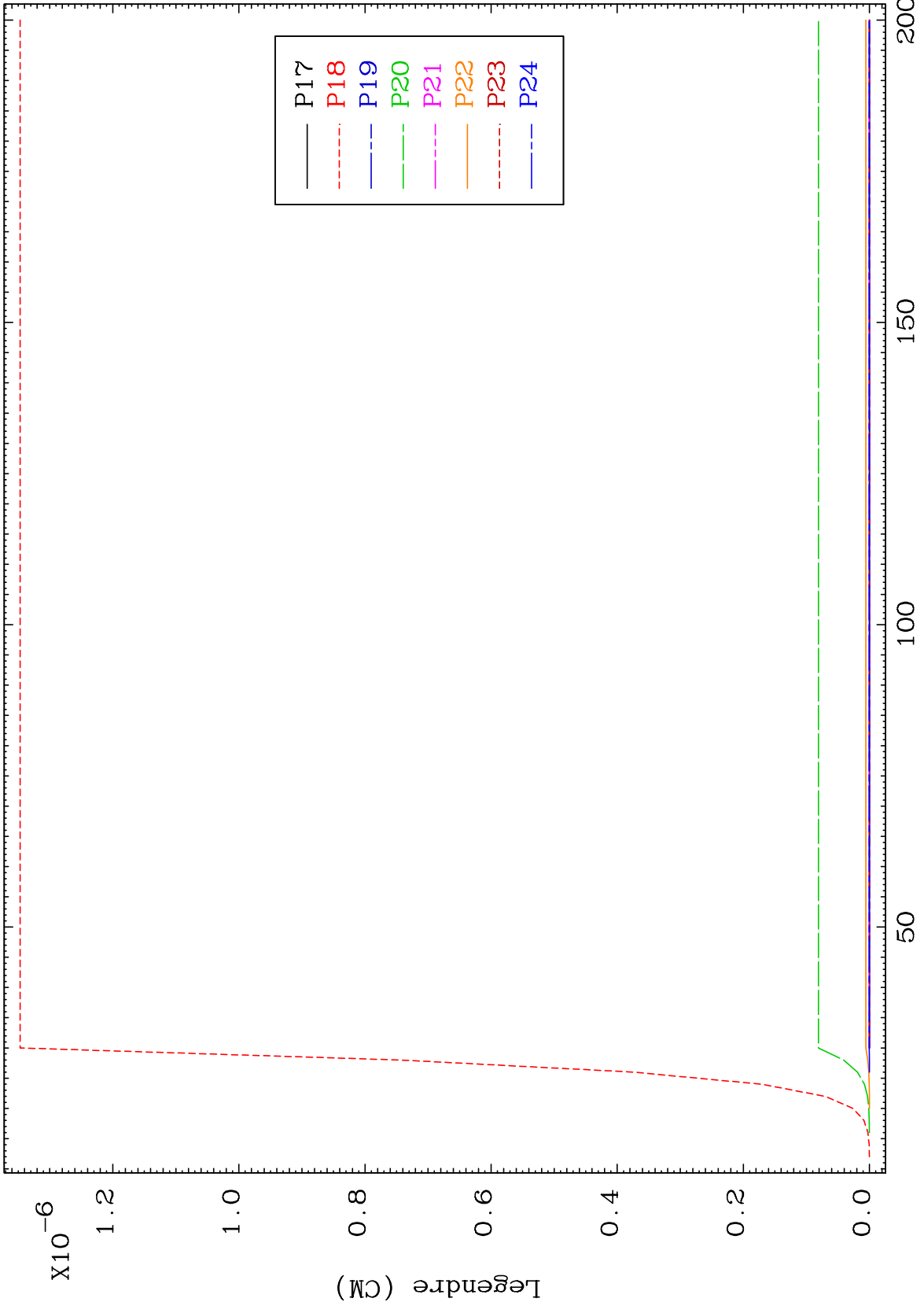


72

Incident Energy (MeV)

43-Tc-92

MAT 4304 MT= 67 (n,n') Level Legendre Coefficients 43-Tc-92

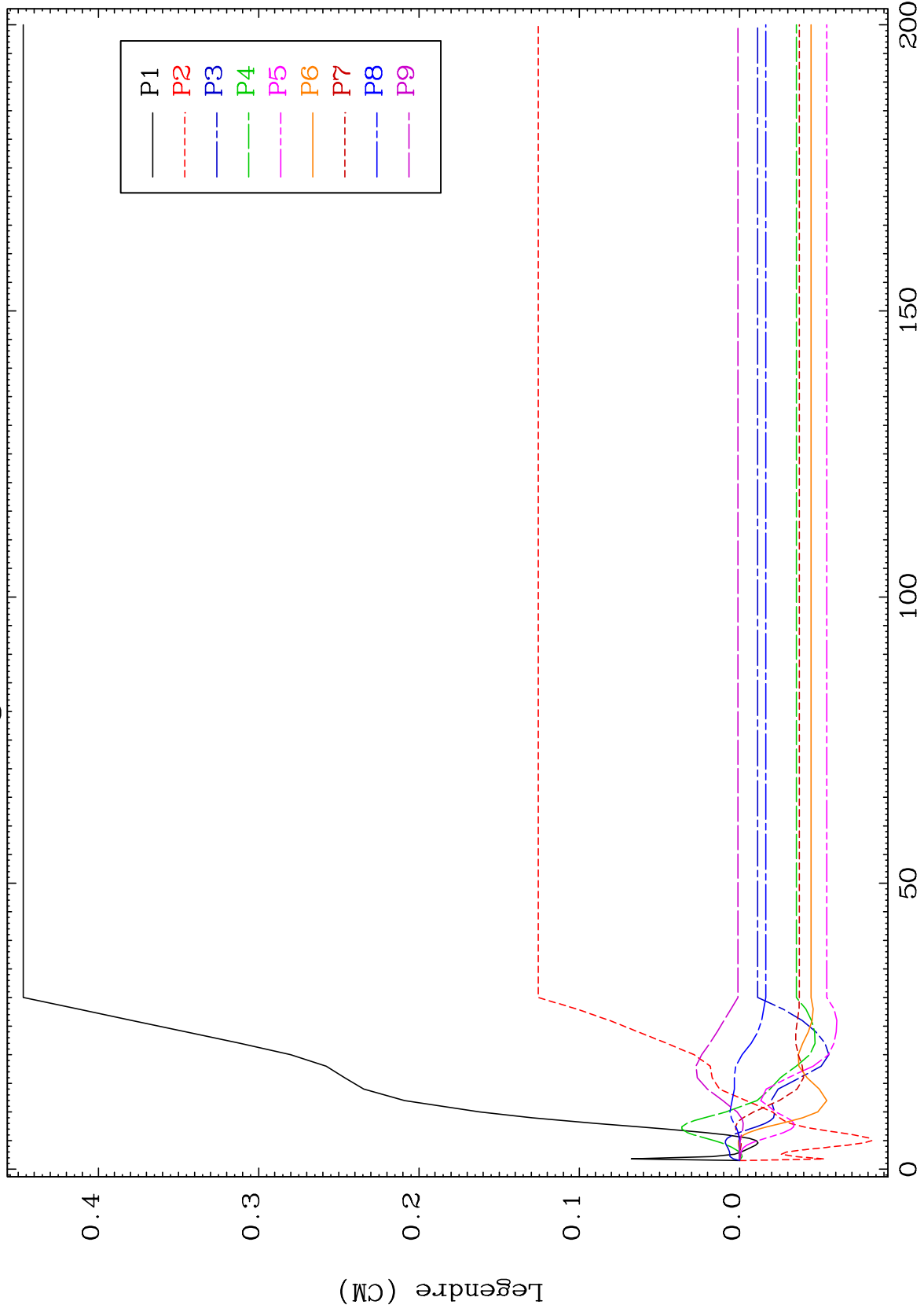


73 50 100 150 200 43-Tc-92

MAT 4304

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

43-Tc-92



74

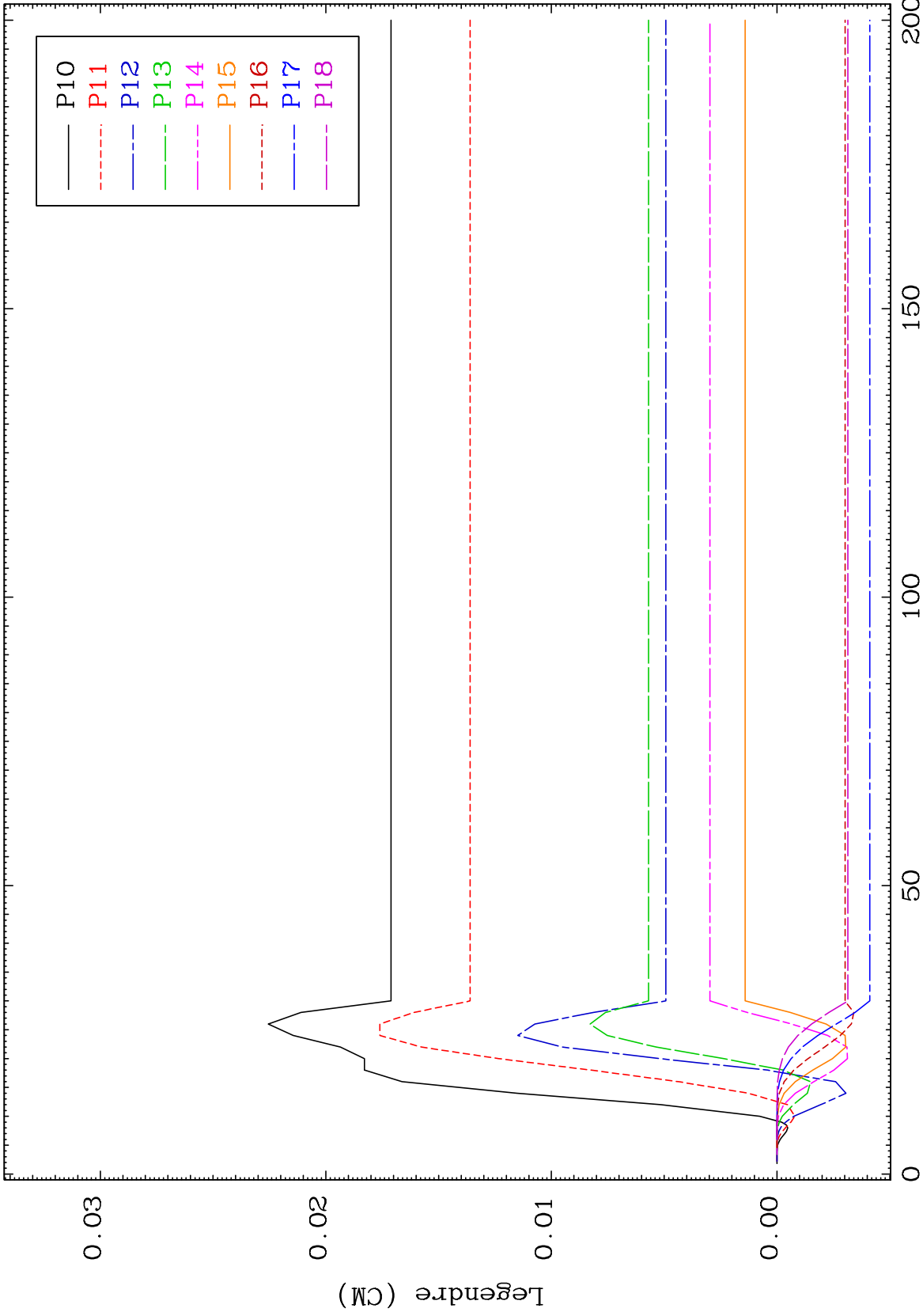
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

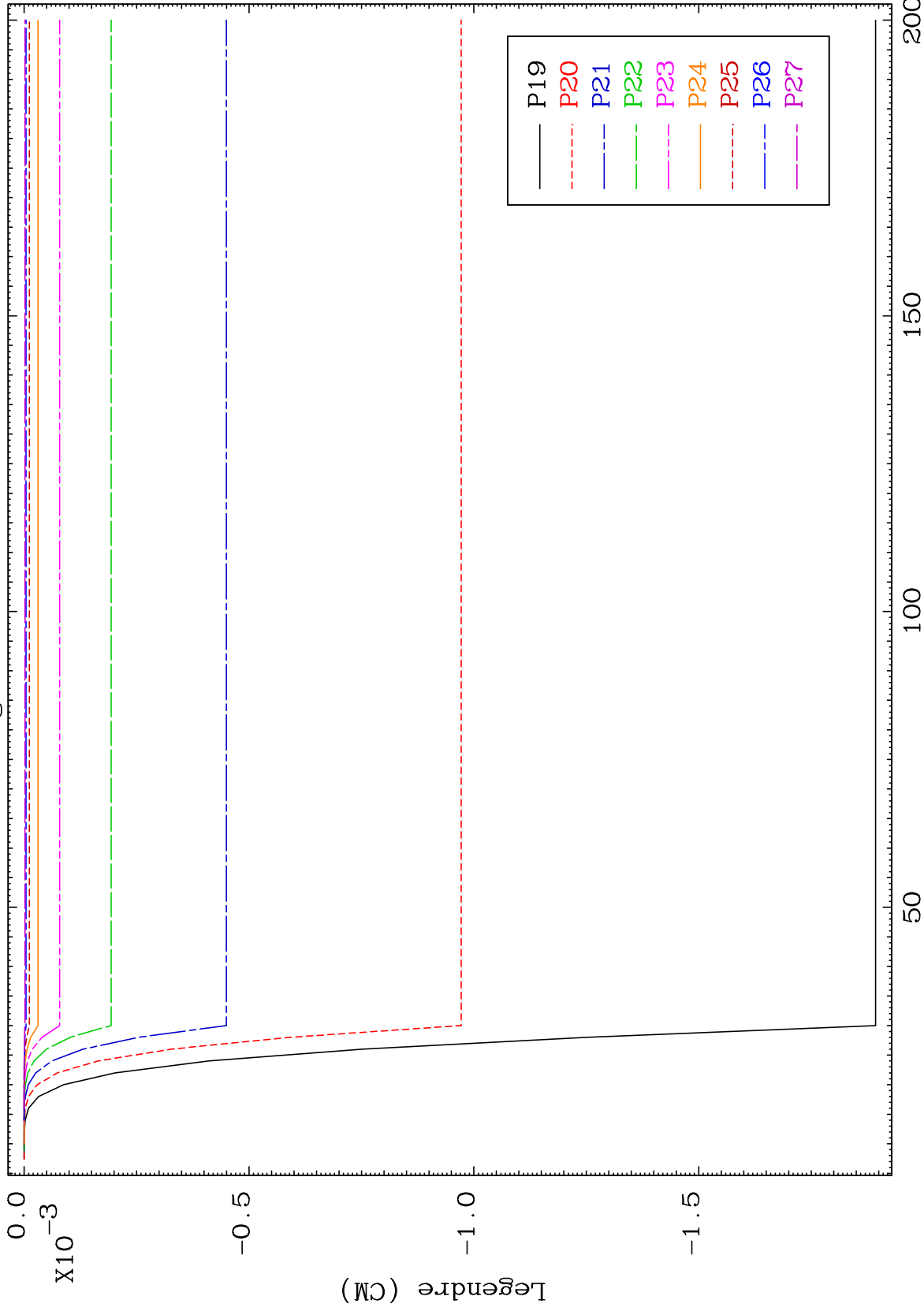
43-Tc-92



75

Incident Energy (MeV)

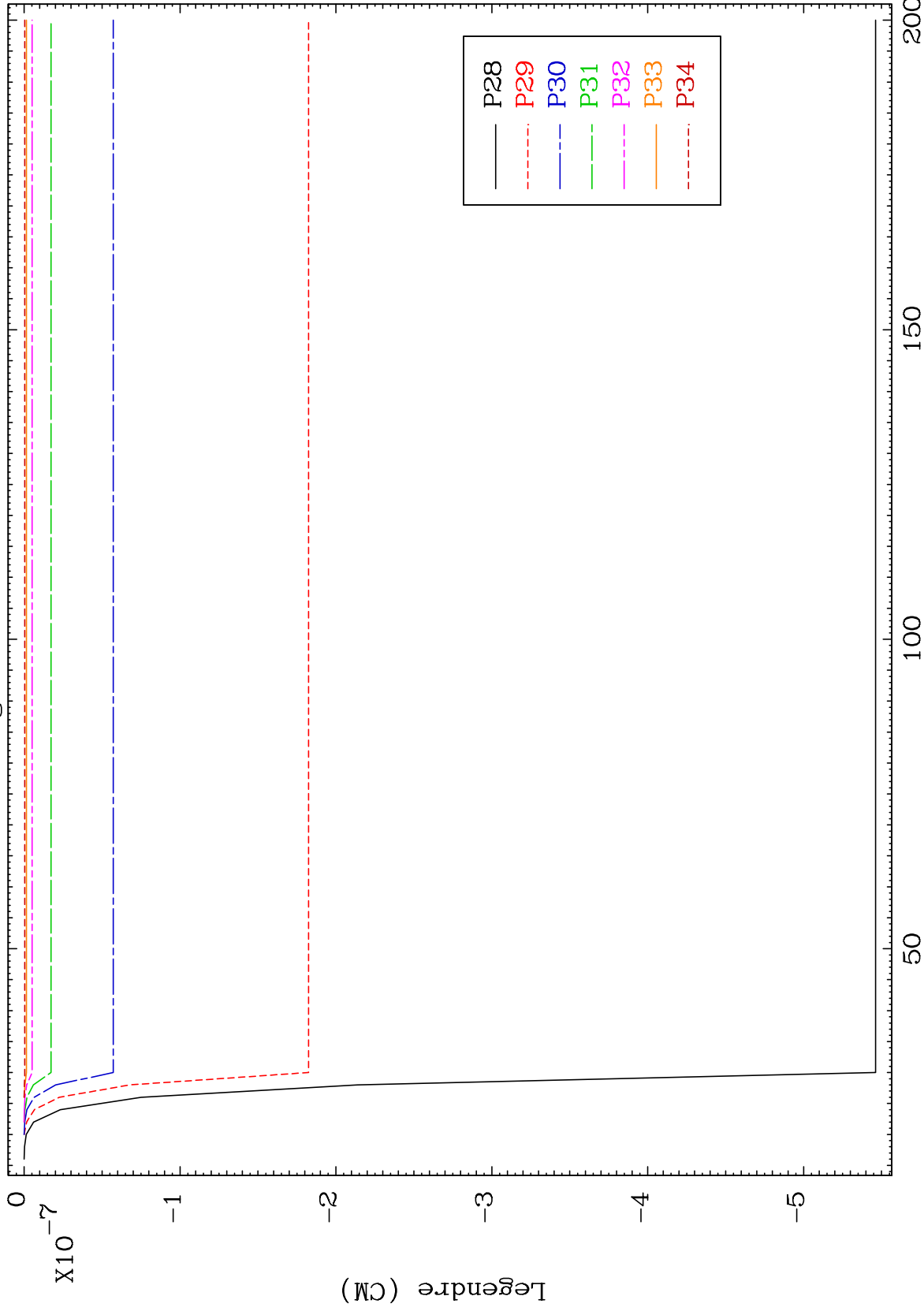
43-Tc-92



MAT 4304

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

43-Tc-92



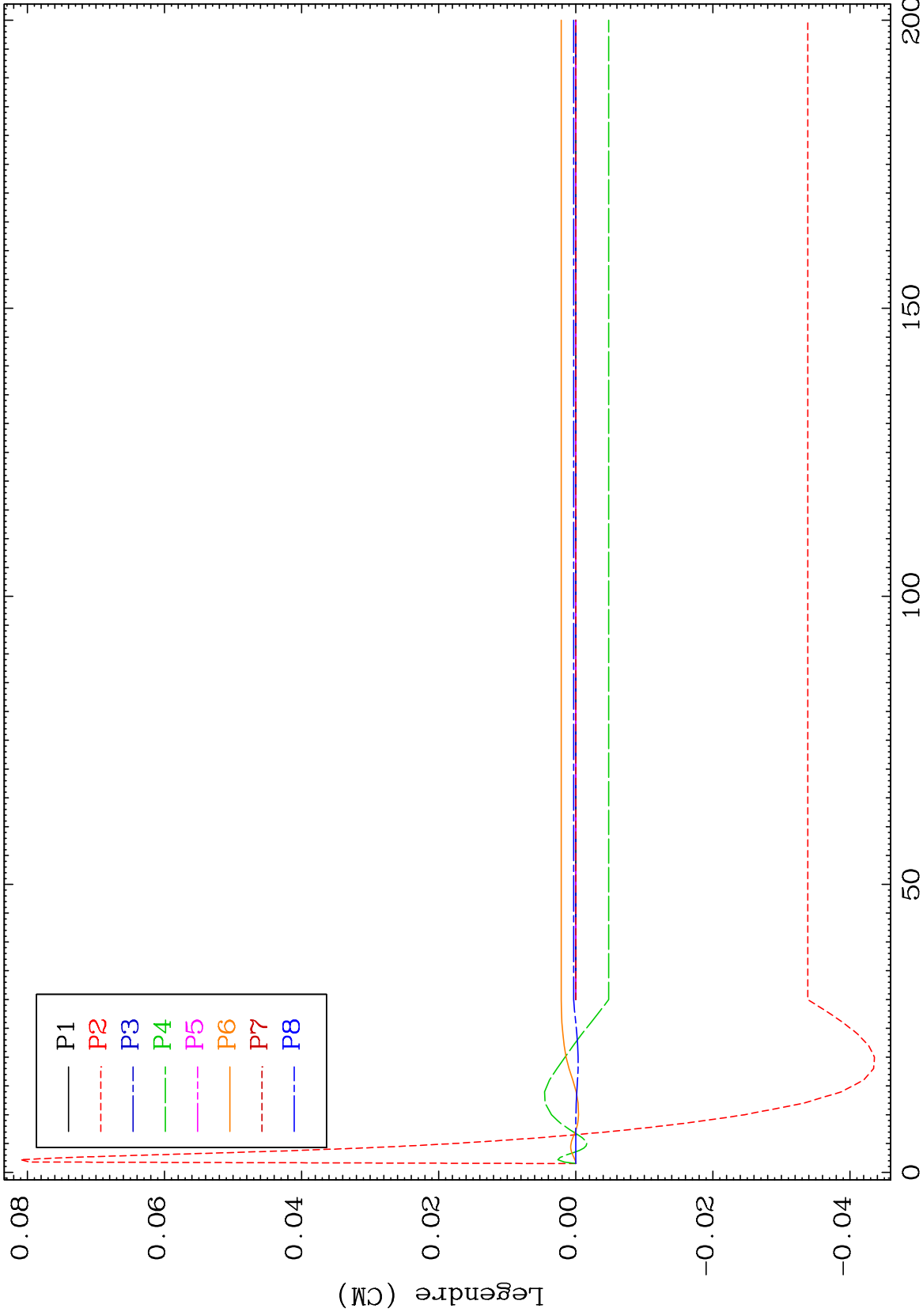
77

43-Tc-92

MAT 4304

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

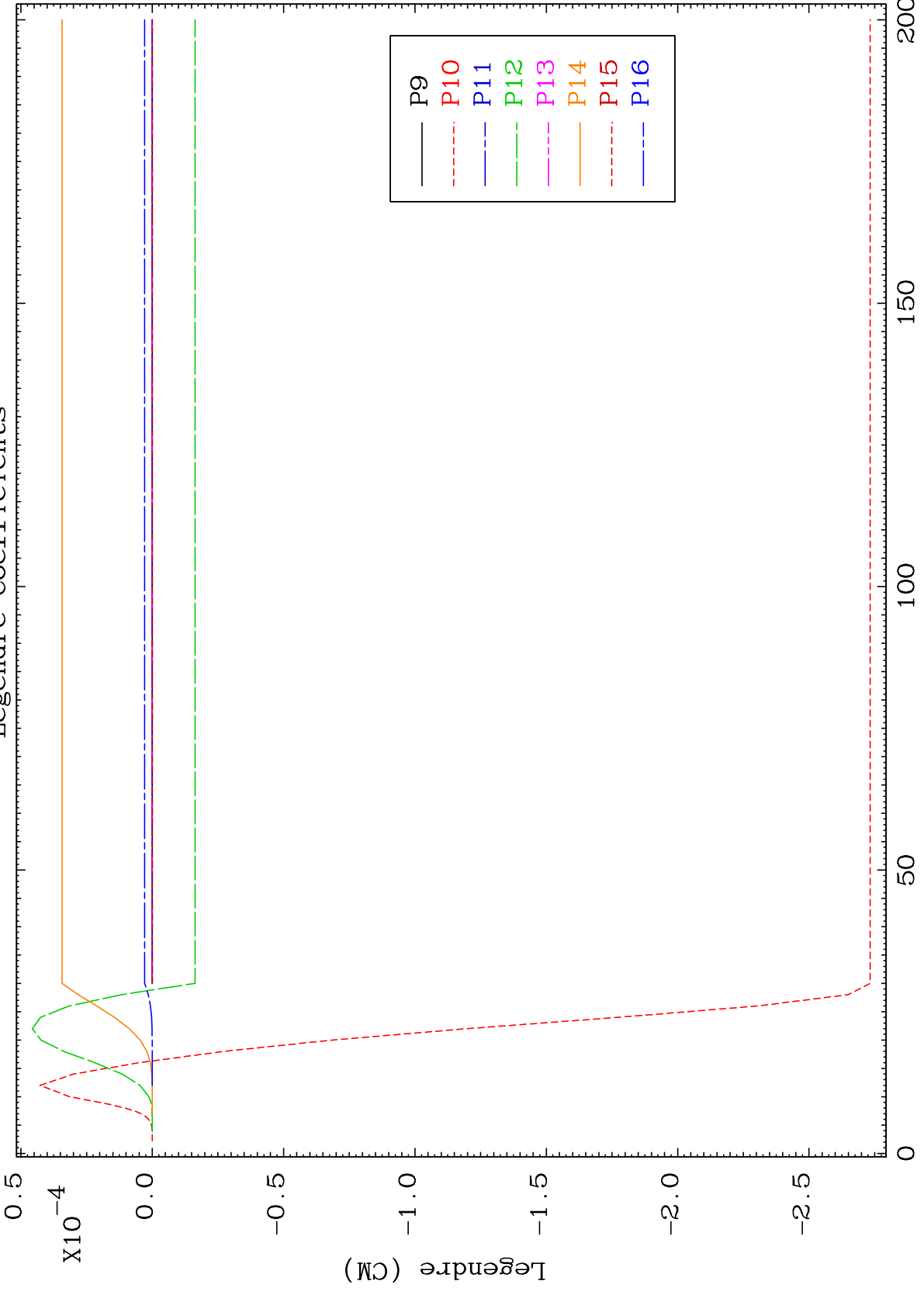
43-Tc-92



78

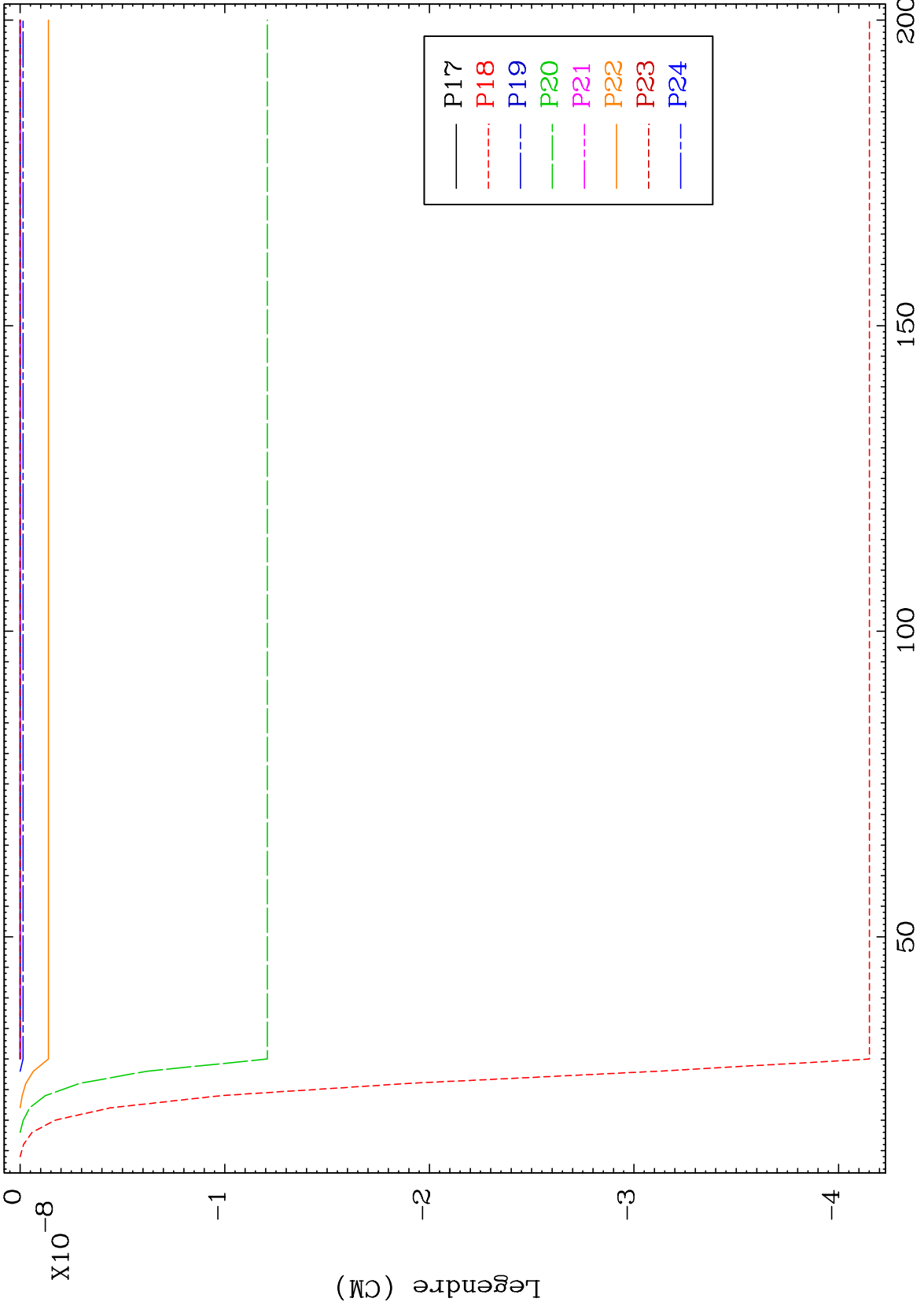
Incident Energy (MeV)

43-Tc-92





MAT 4304 MT= 69 (n,n') Level Legendre Coefficients 43-Tc-92

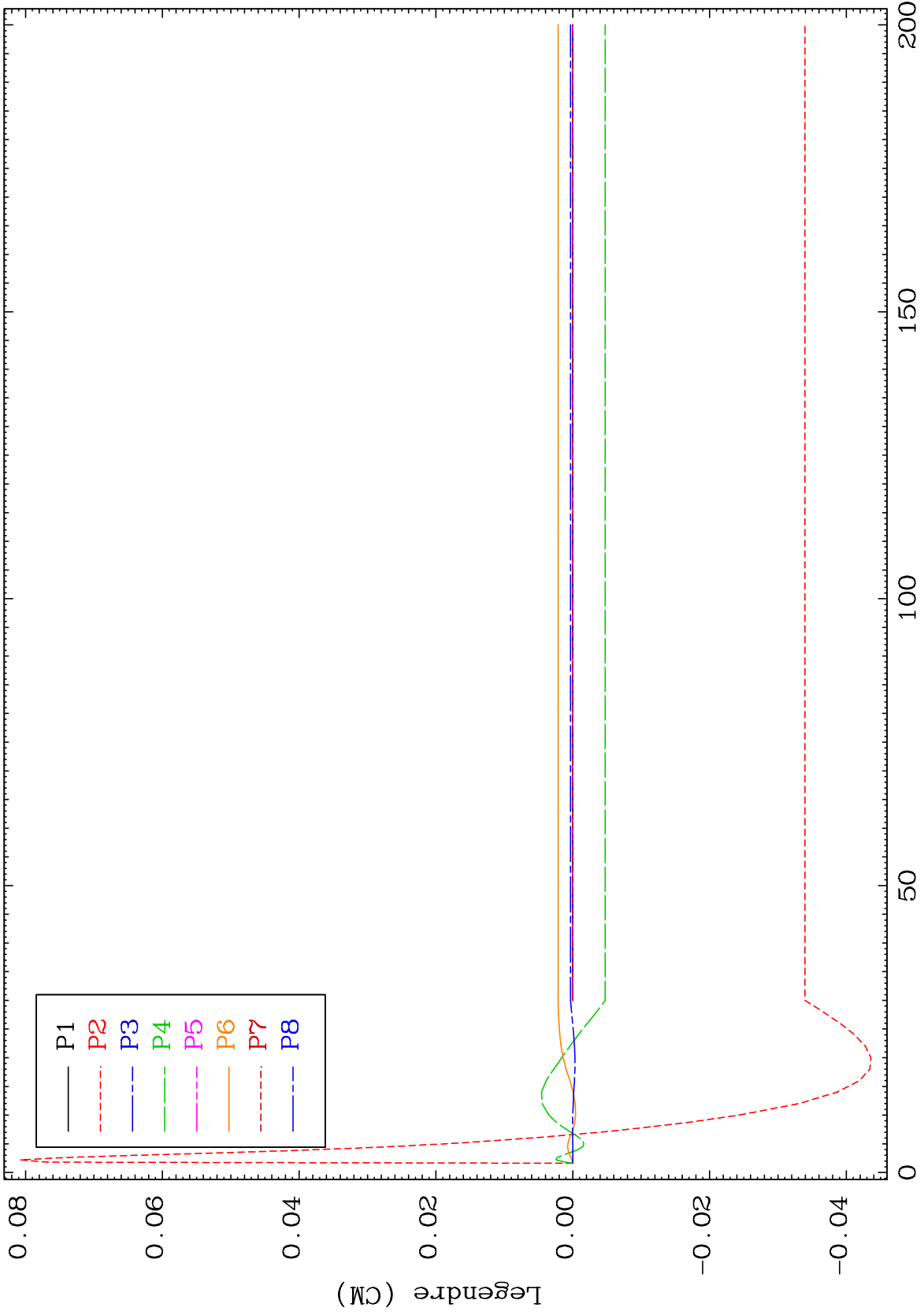


80 50 100 150 200 Incident Energy (MeV) 43-Tc-92

MAT 4304

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

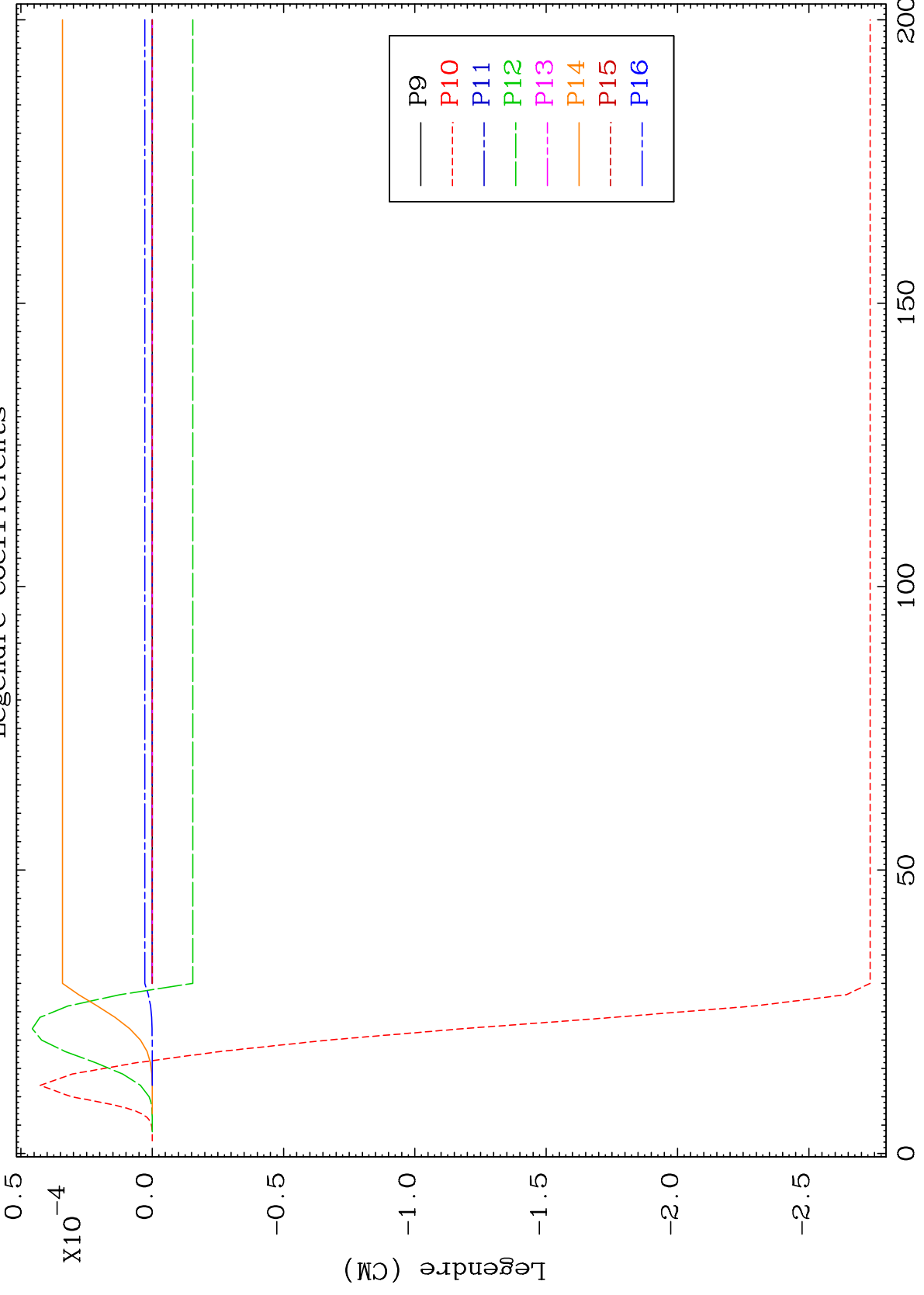
43-Tc-92



81

Incident Energy (MeV)

43-Tc-92

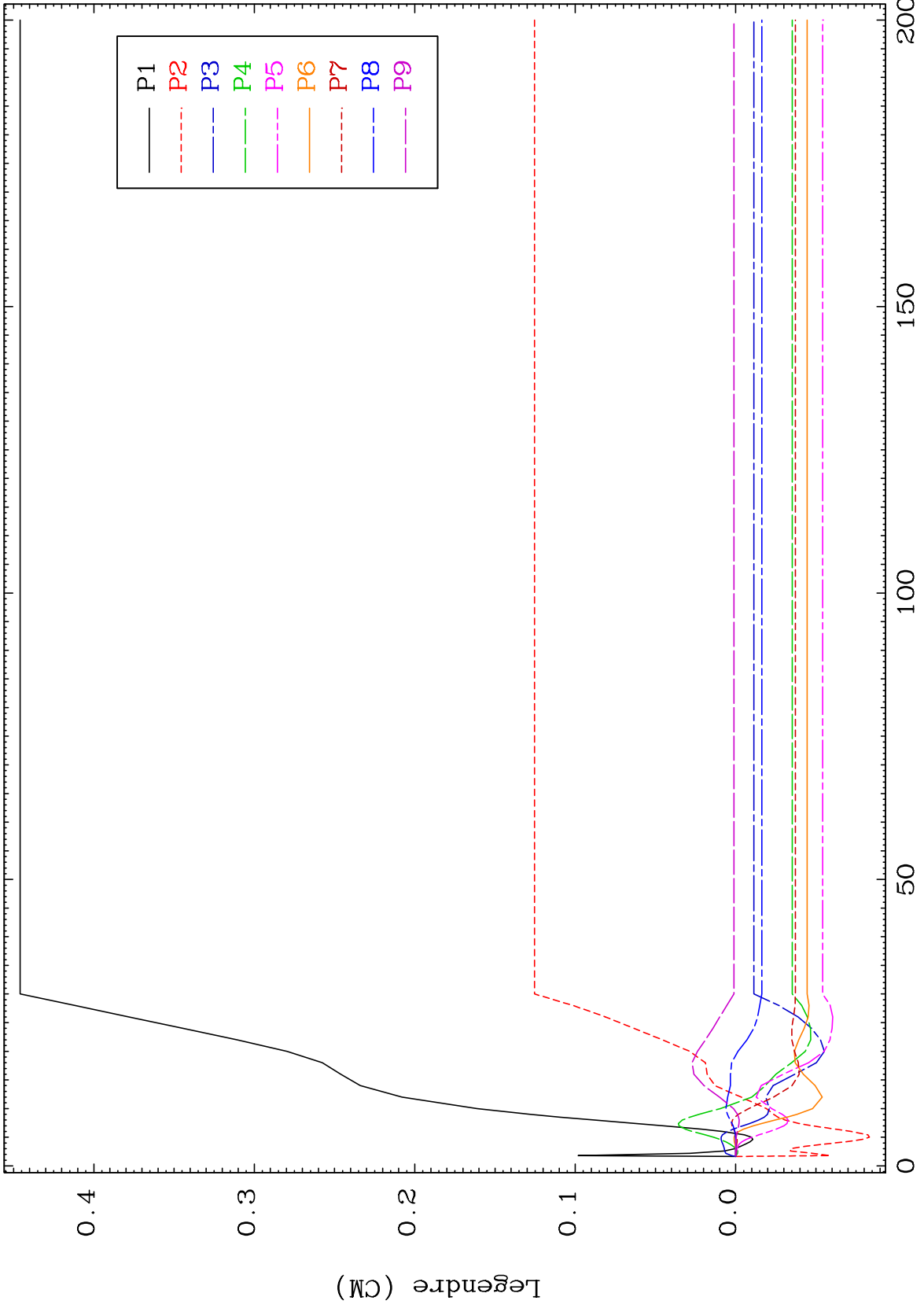




MAT 4304

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

43-Tc-92



84

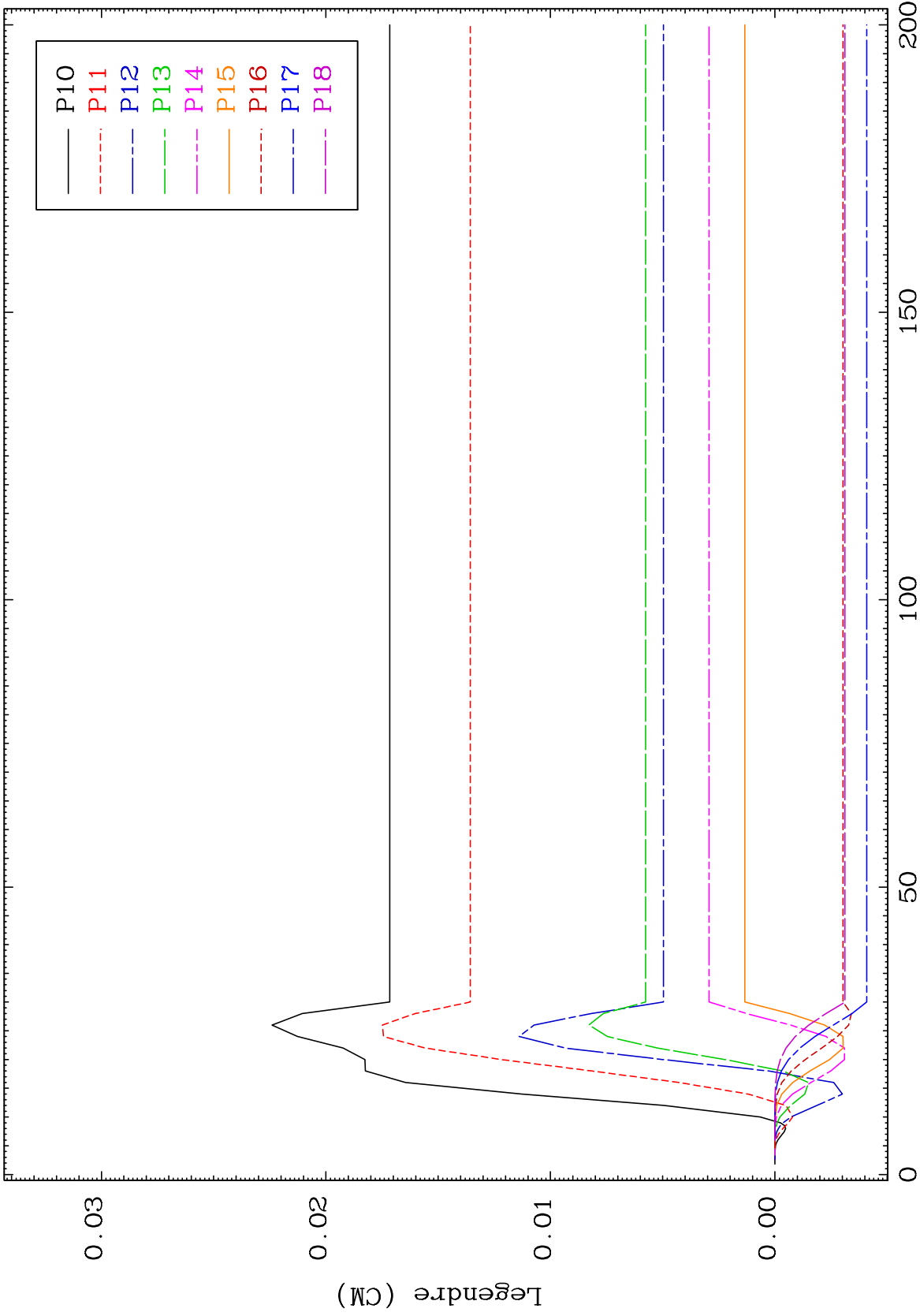
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



85

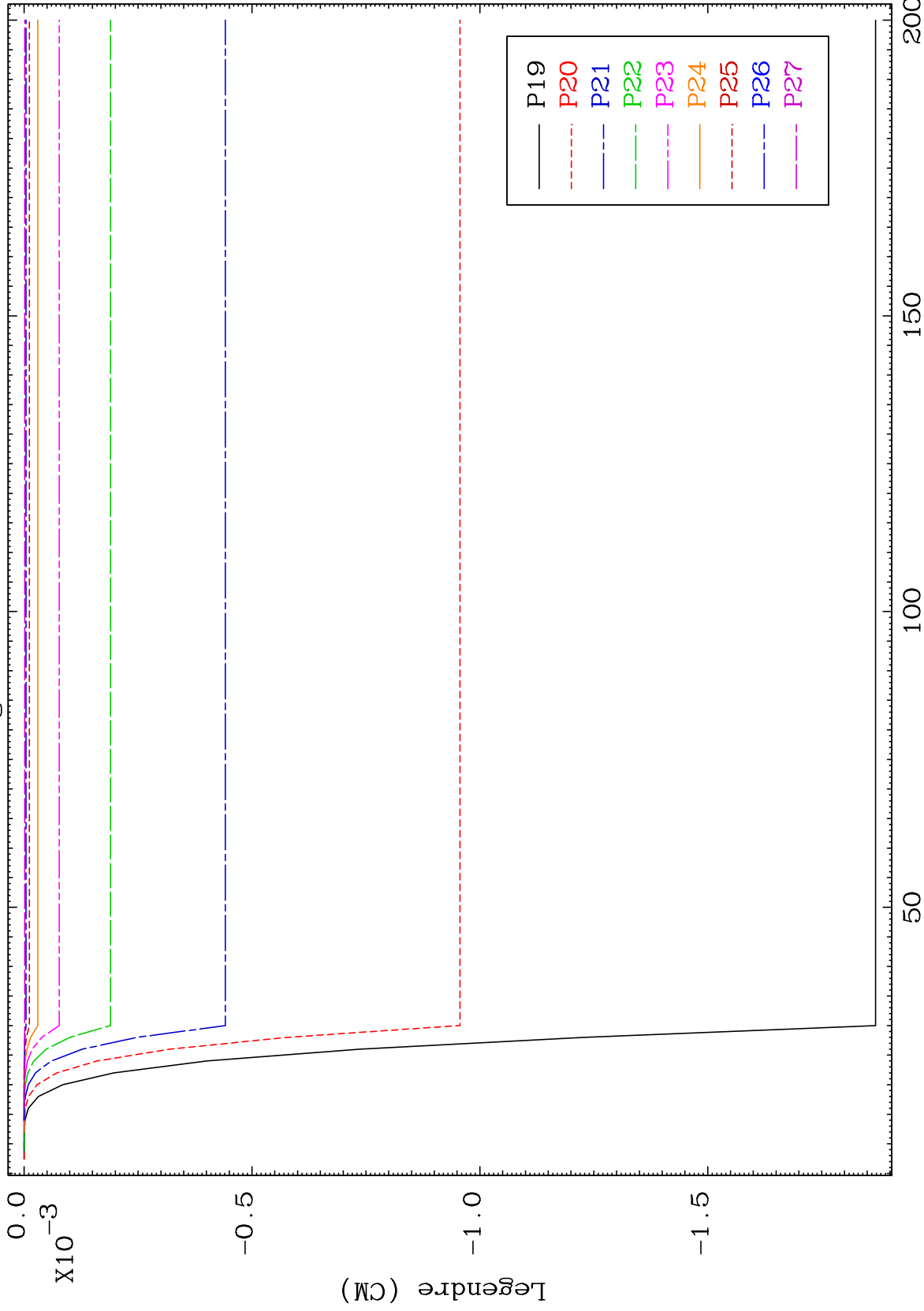
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



86

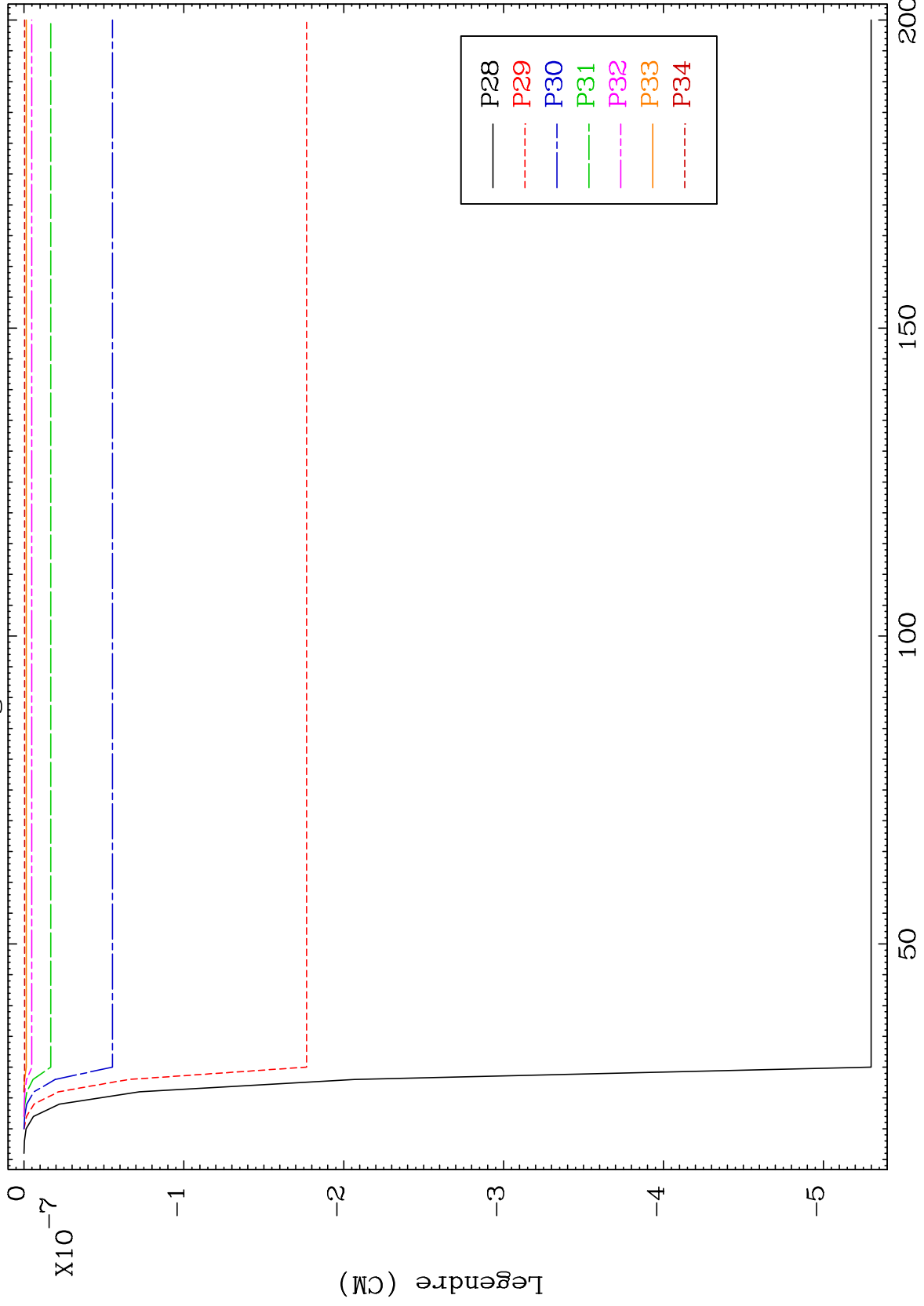
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



87

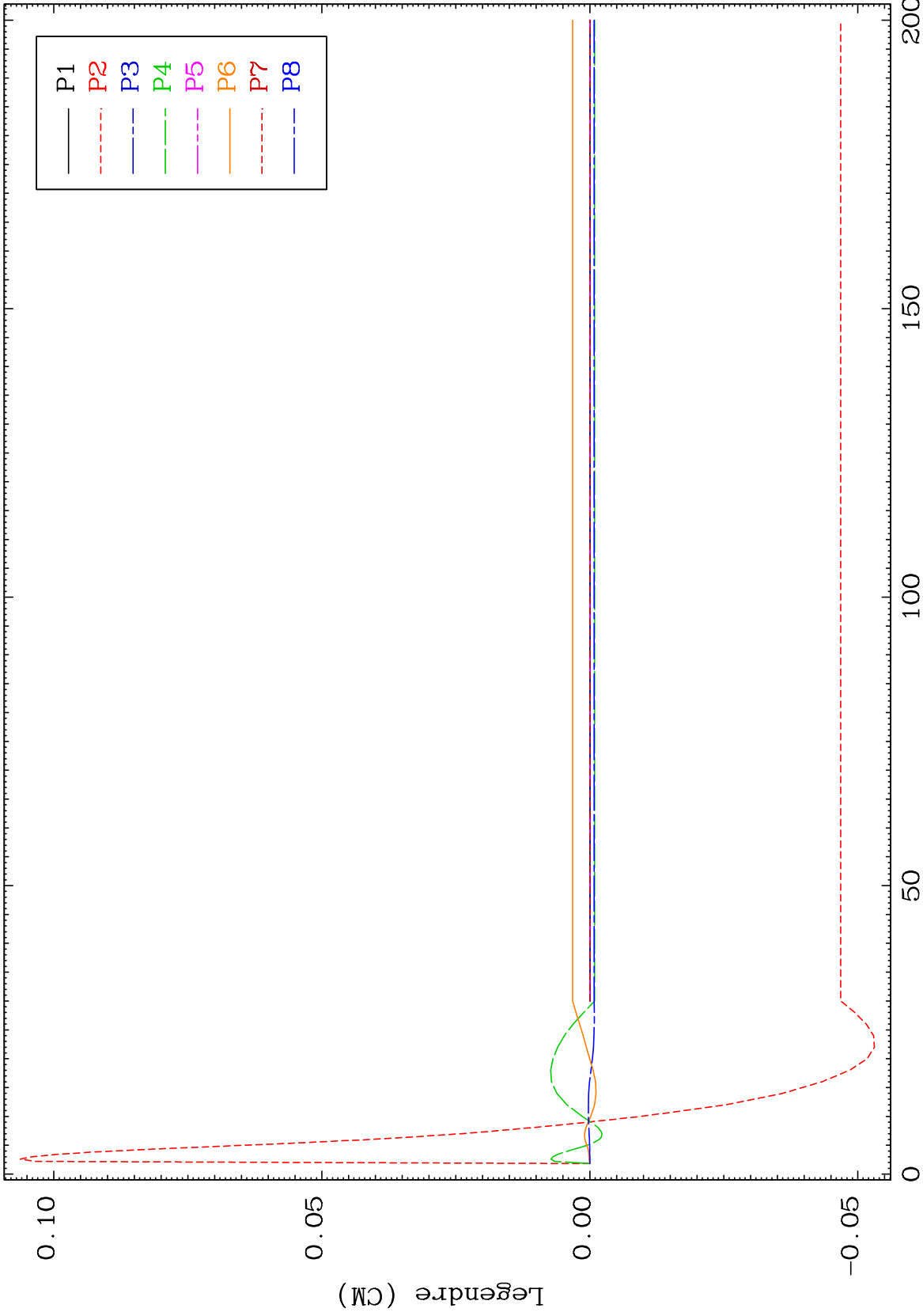
43-Tc-92



MAT 4304

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

43-Tc-92



88

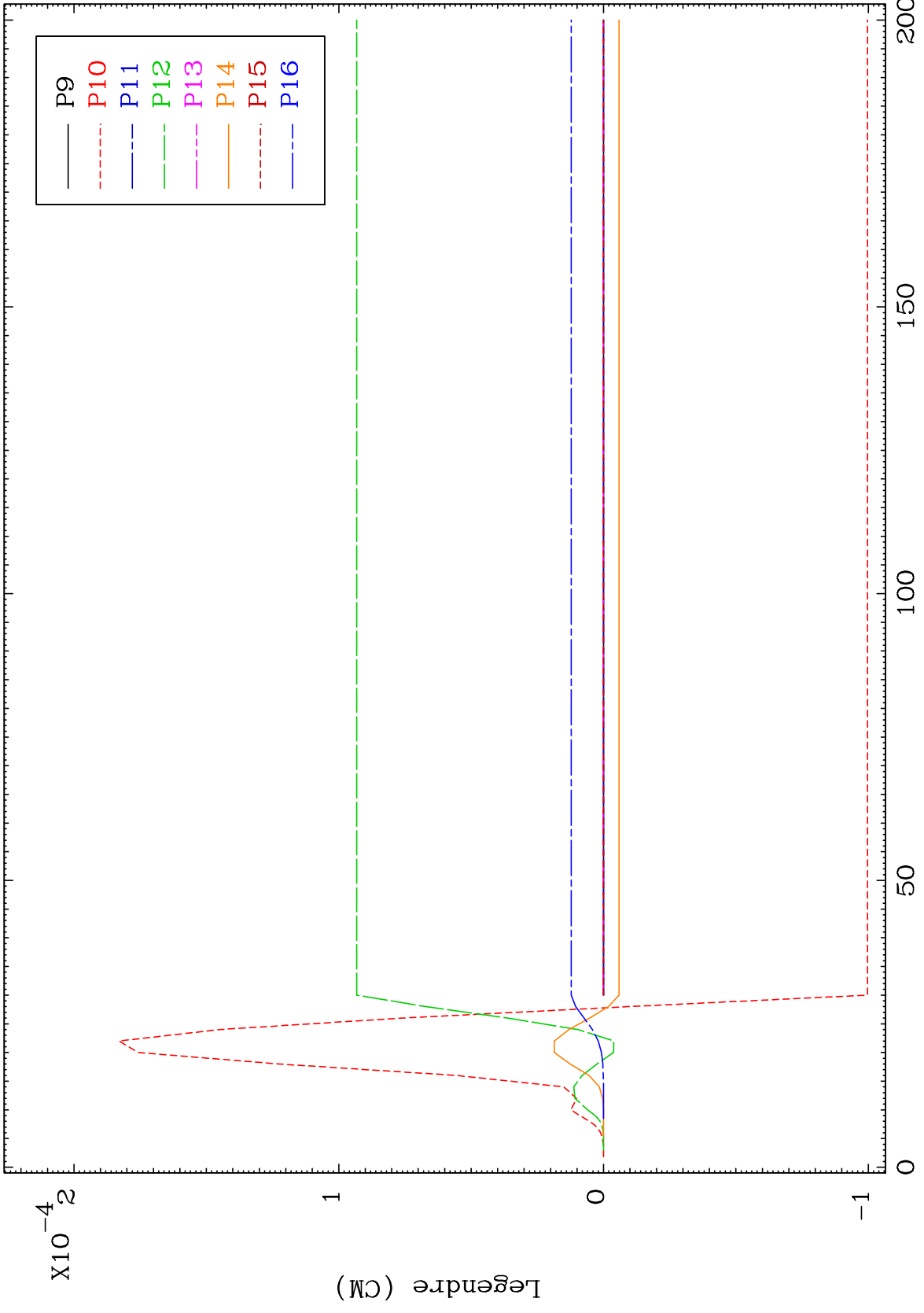
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92

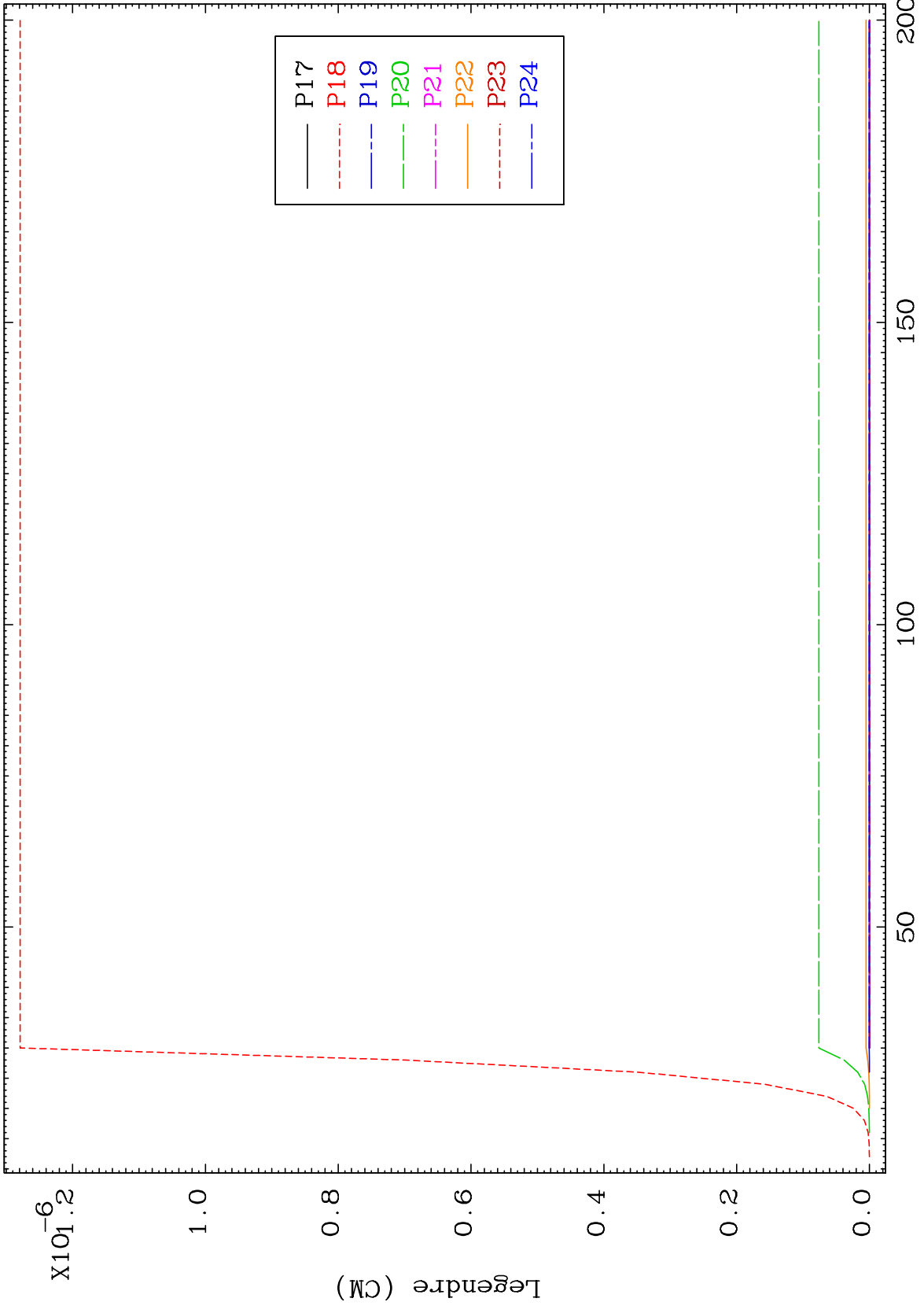


89

Incident Energy (MeV)

43-Tc-92

MAT 4304 MT= 72 (n,n') Level Legendre Coefficients 43-Tc-92

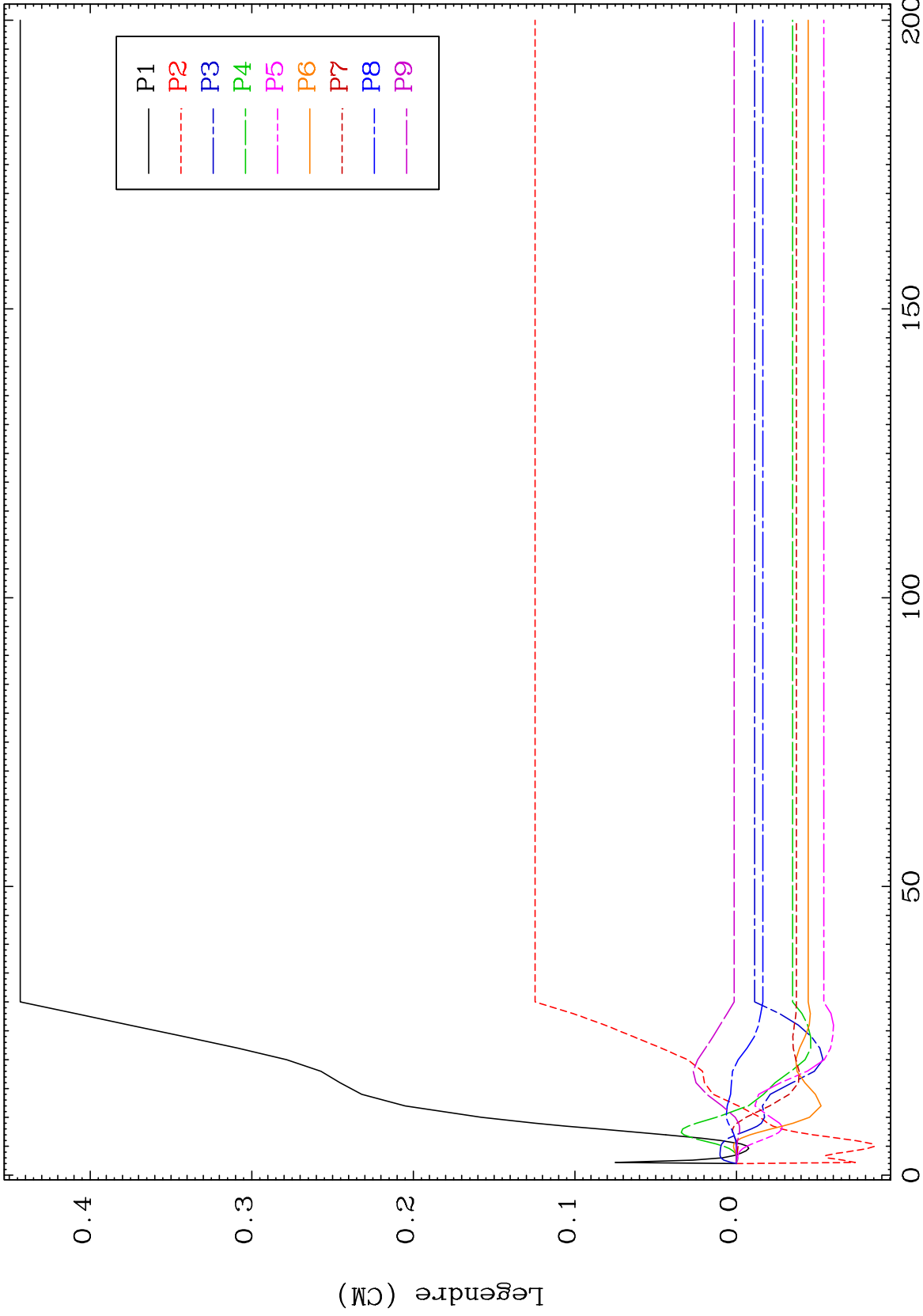


43-Tc-92

MAT 4304

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

43-Tc-92



91

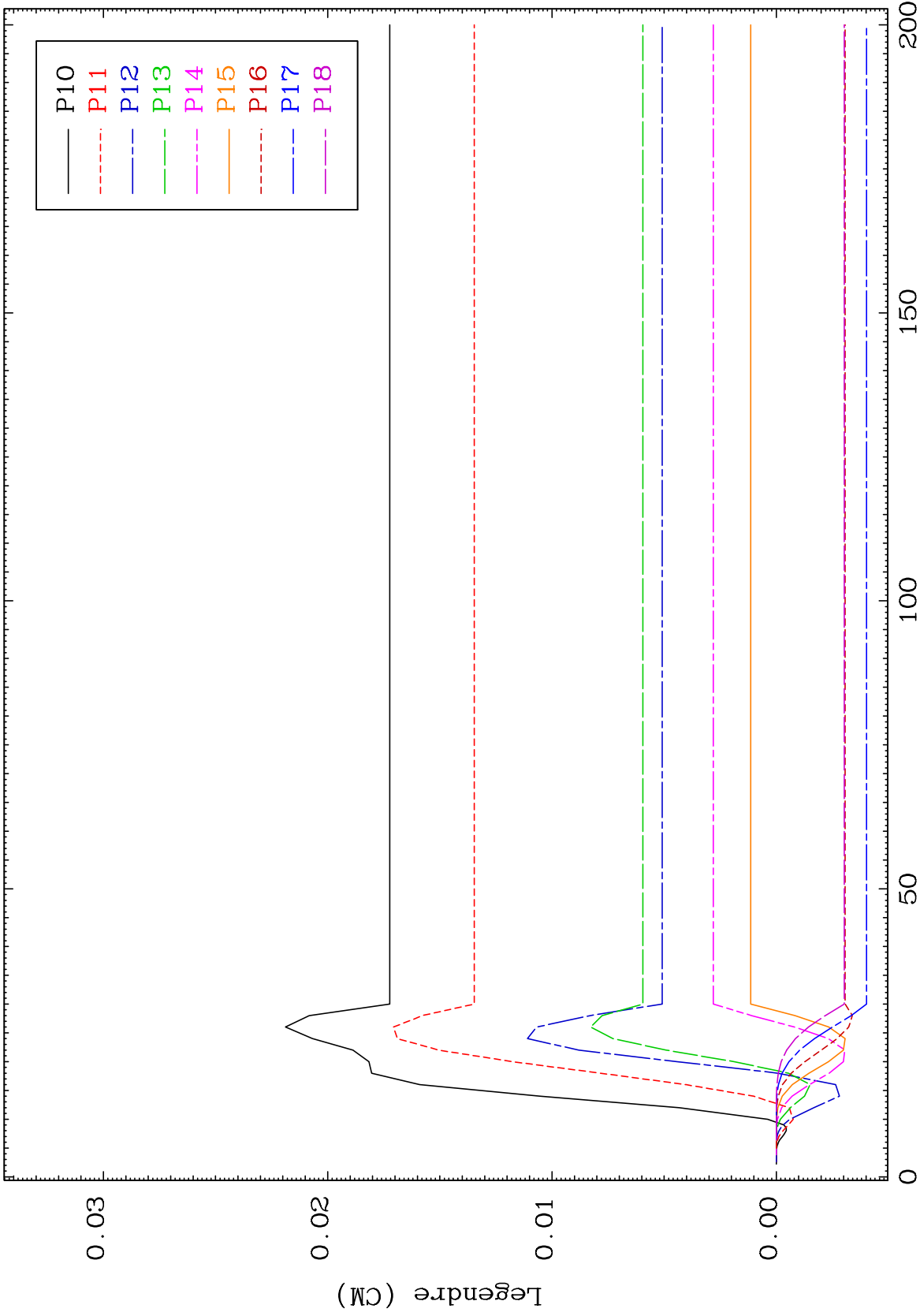
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



92

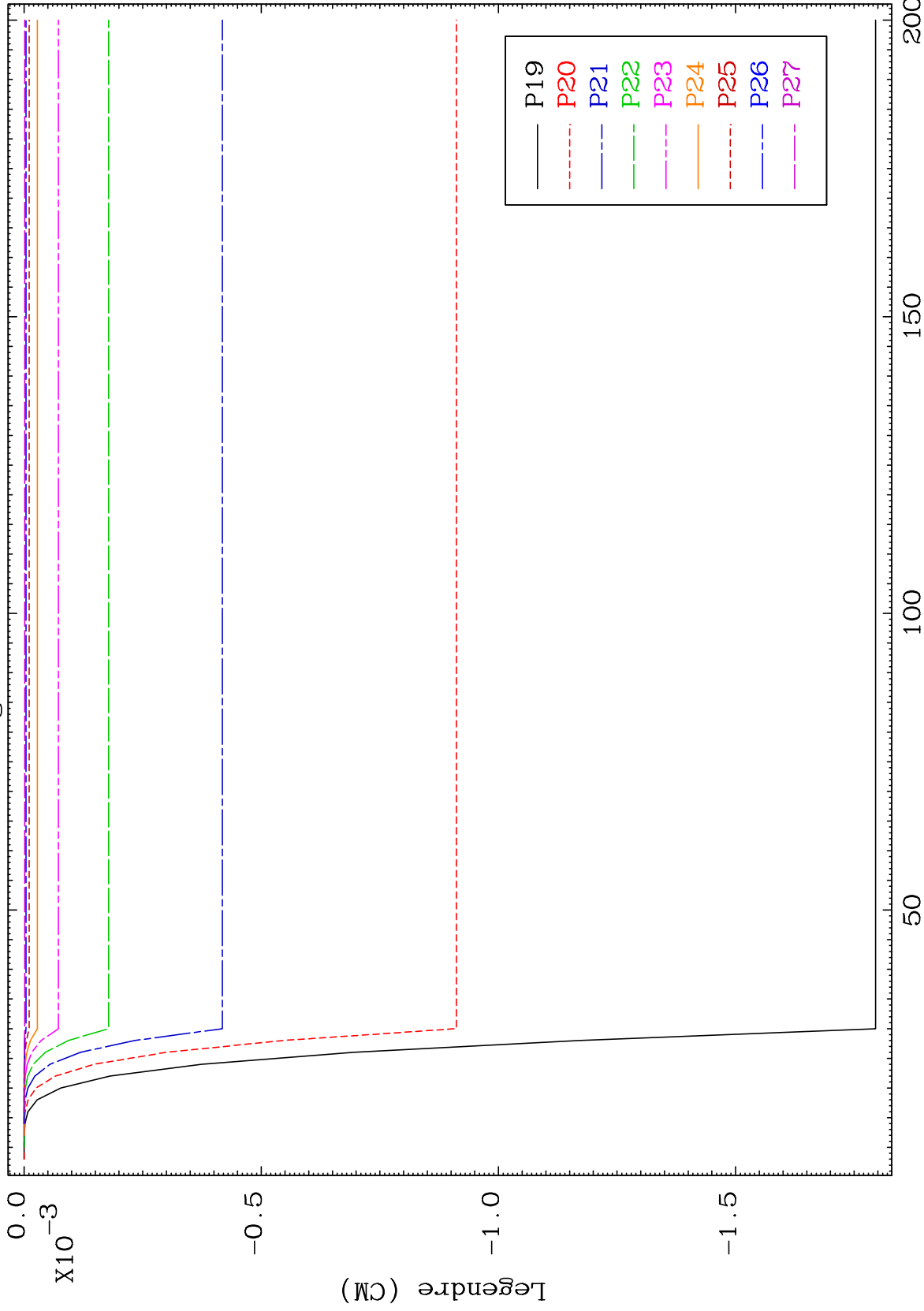
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92

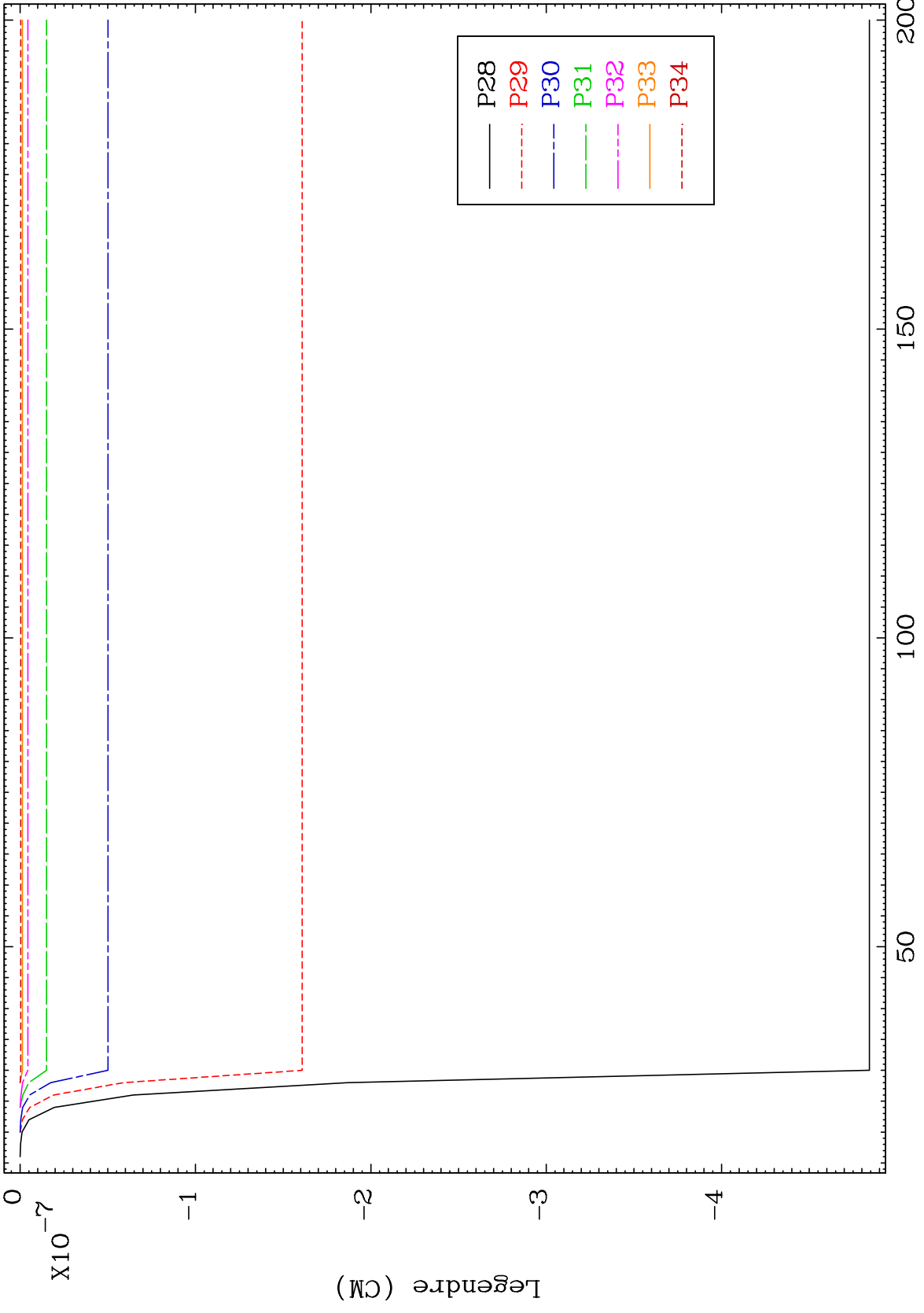


43-Tc-92

Incident Energy (MeV)

93

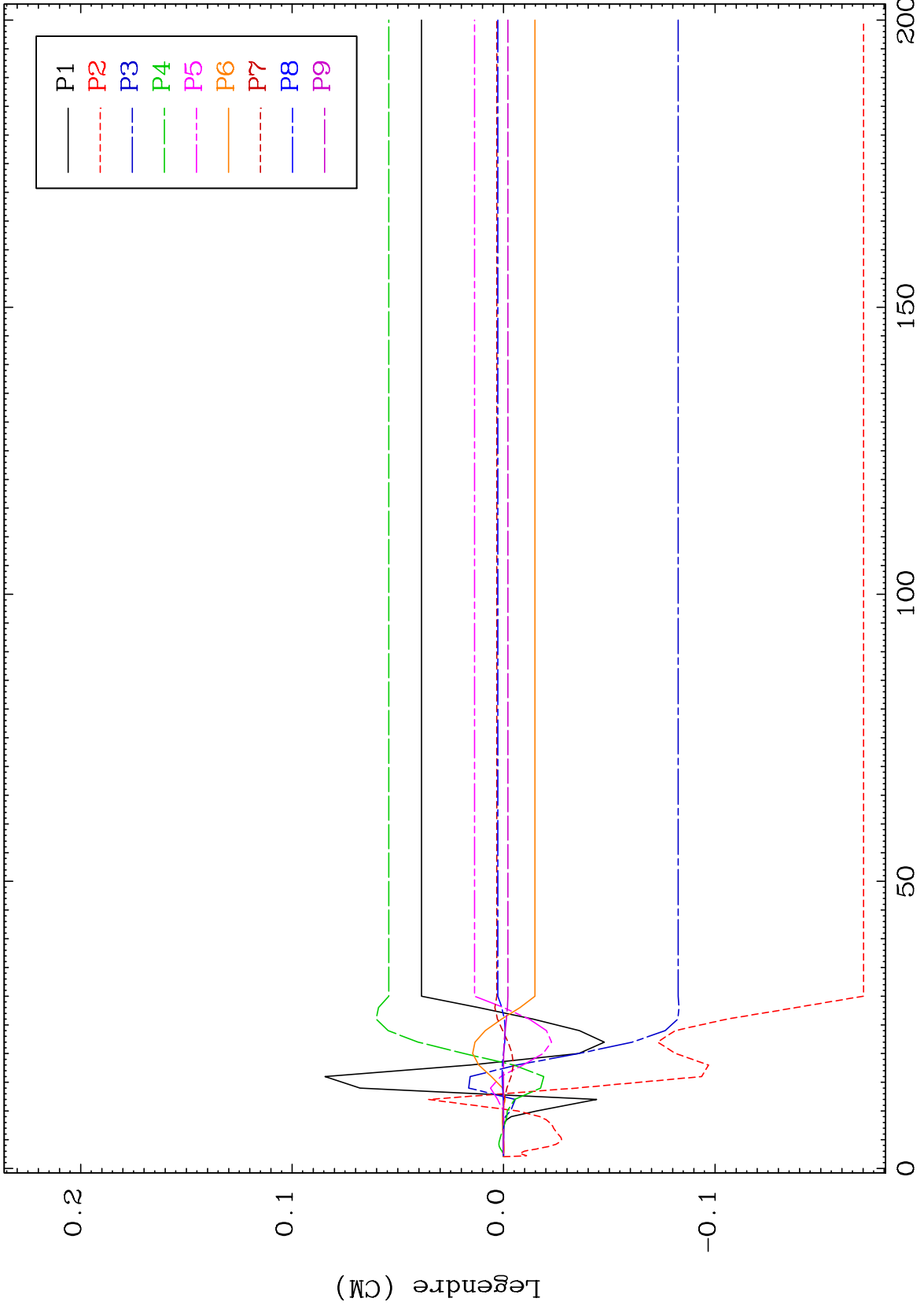
MAT 4304 MT= 73 (n,n') Level Legendre Coefficients 43-Tc-92



MAT 4304

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

43-Tc-92



95

Incident Energy (MeV)

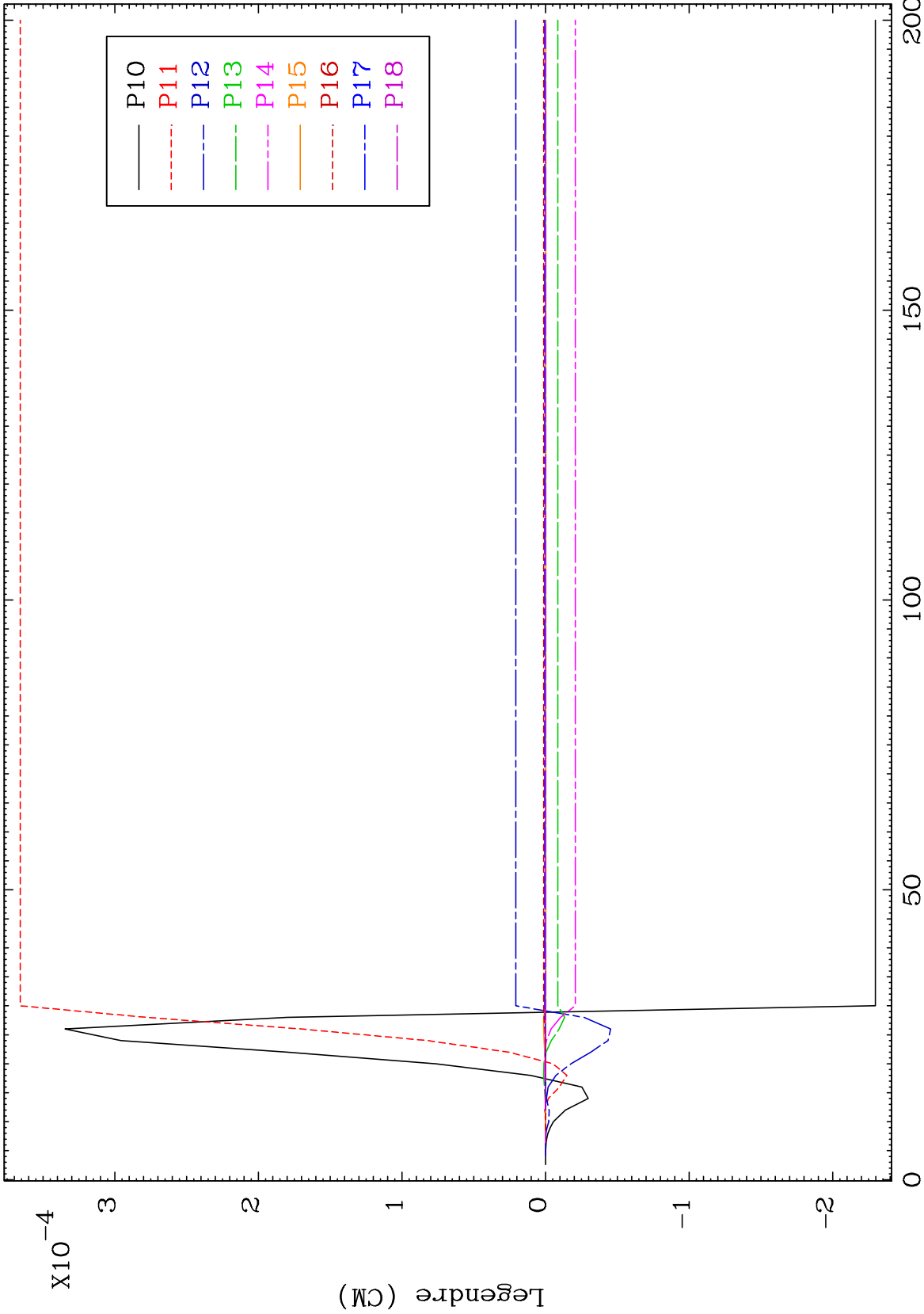
43-Tc-92



MAT 4304

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

43-Tc-92

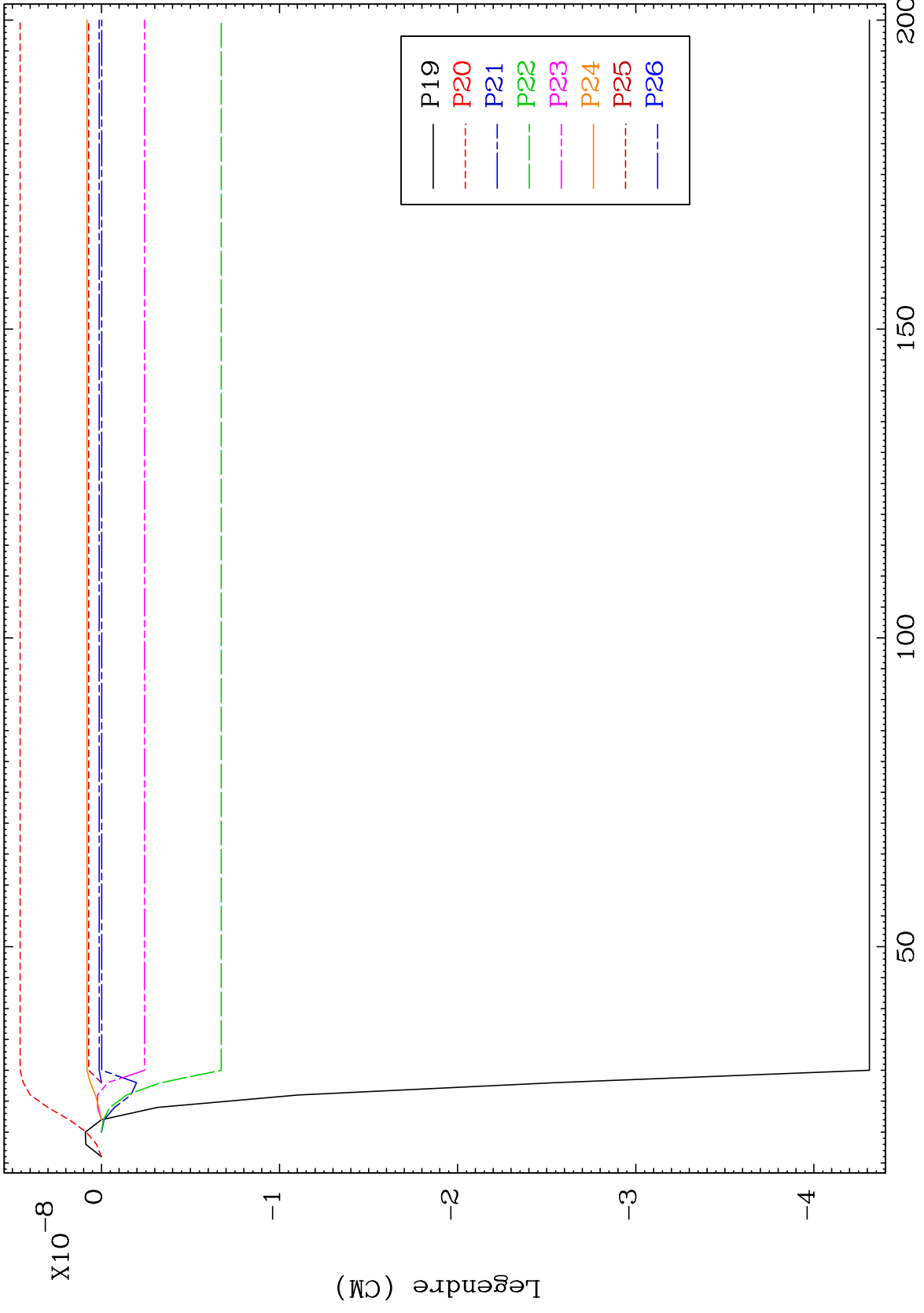


96

Incident Energy (MeV)

43-Tc-92

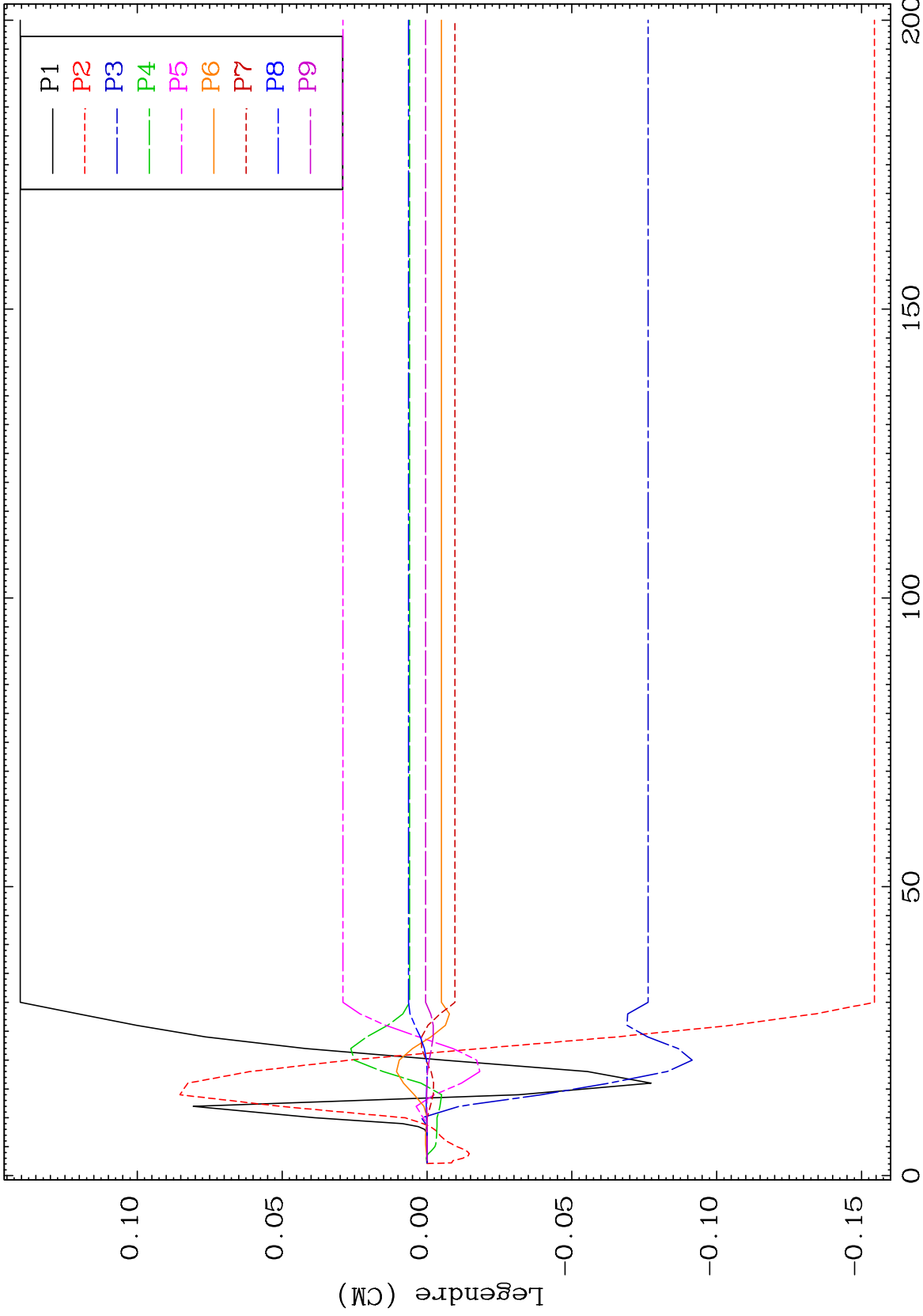
MAT 4304 MT= 74 (n,n') Level Legendre Coefficients 43-Tc-92



MAT 4304

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

43-Tc-92



98

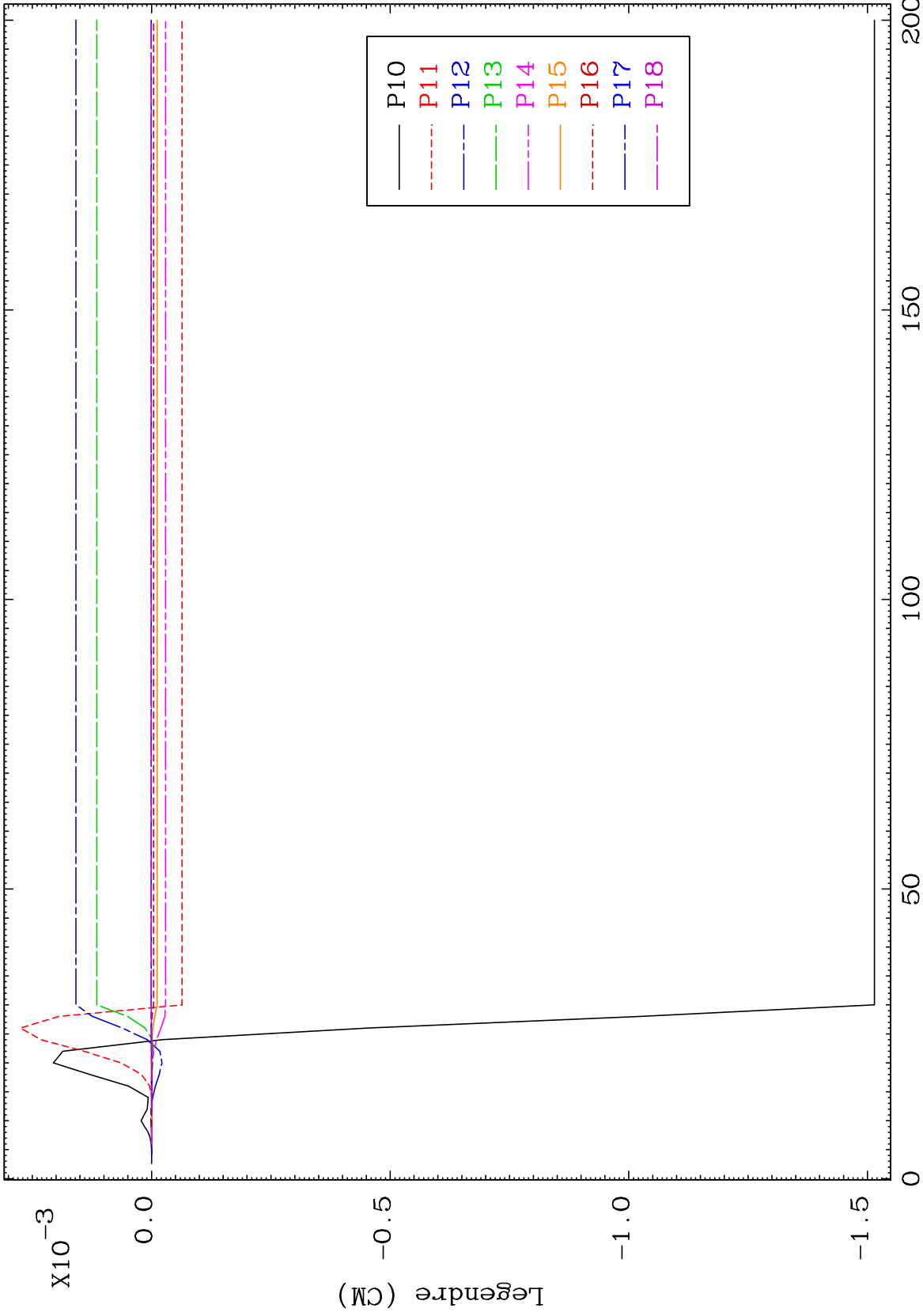
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



99

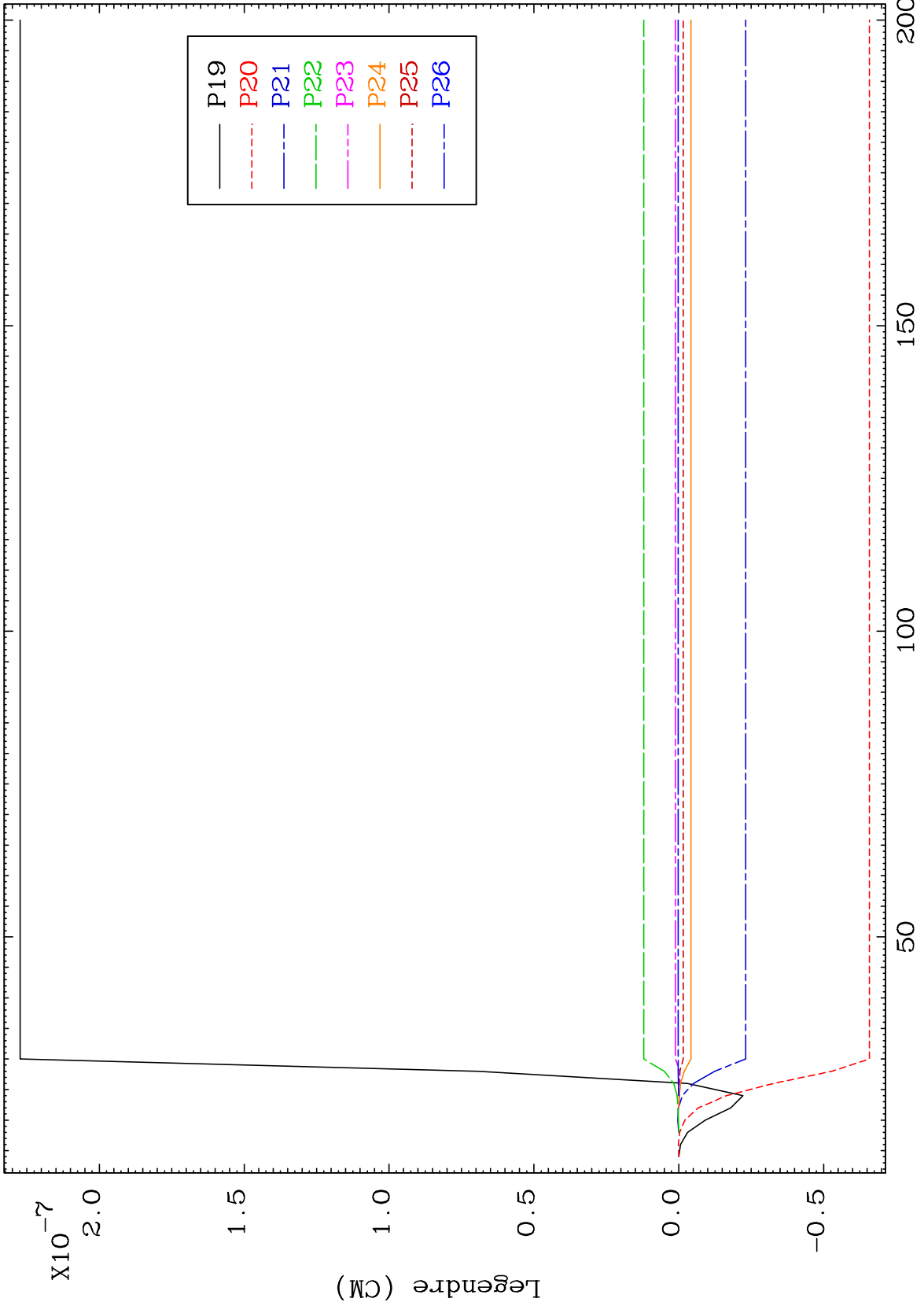
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



100

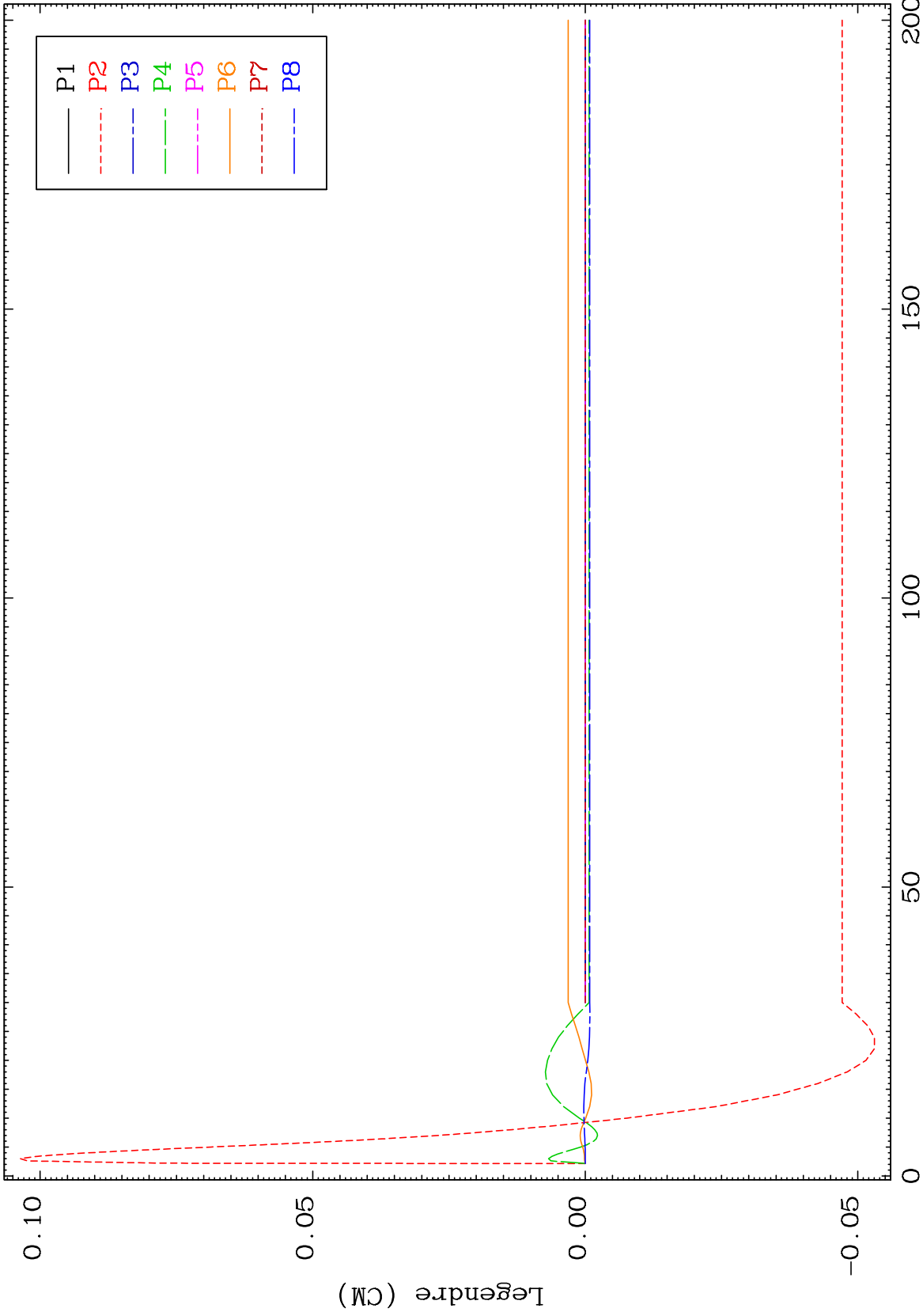
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



101

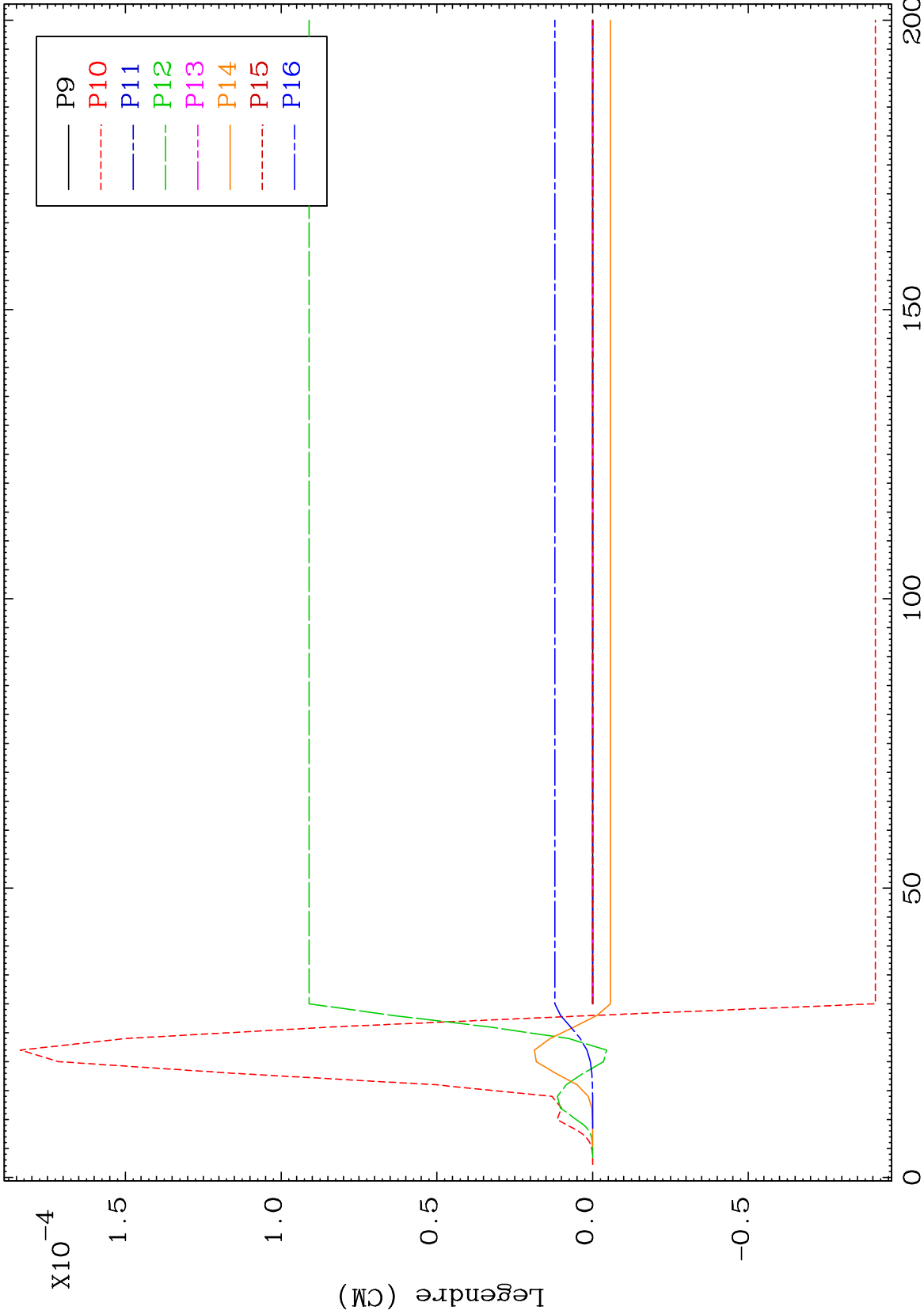
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



102

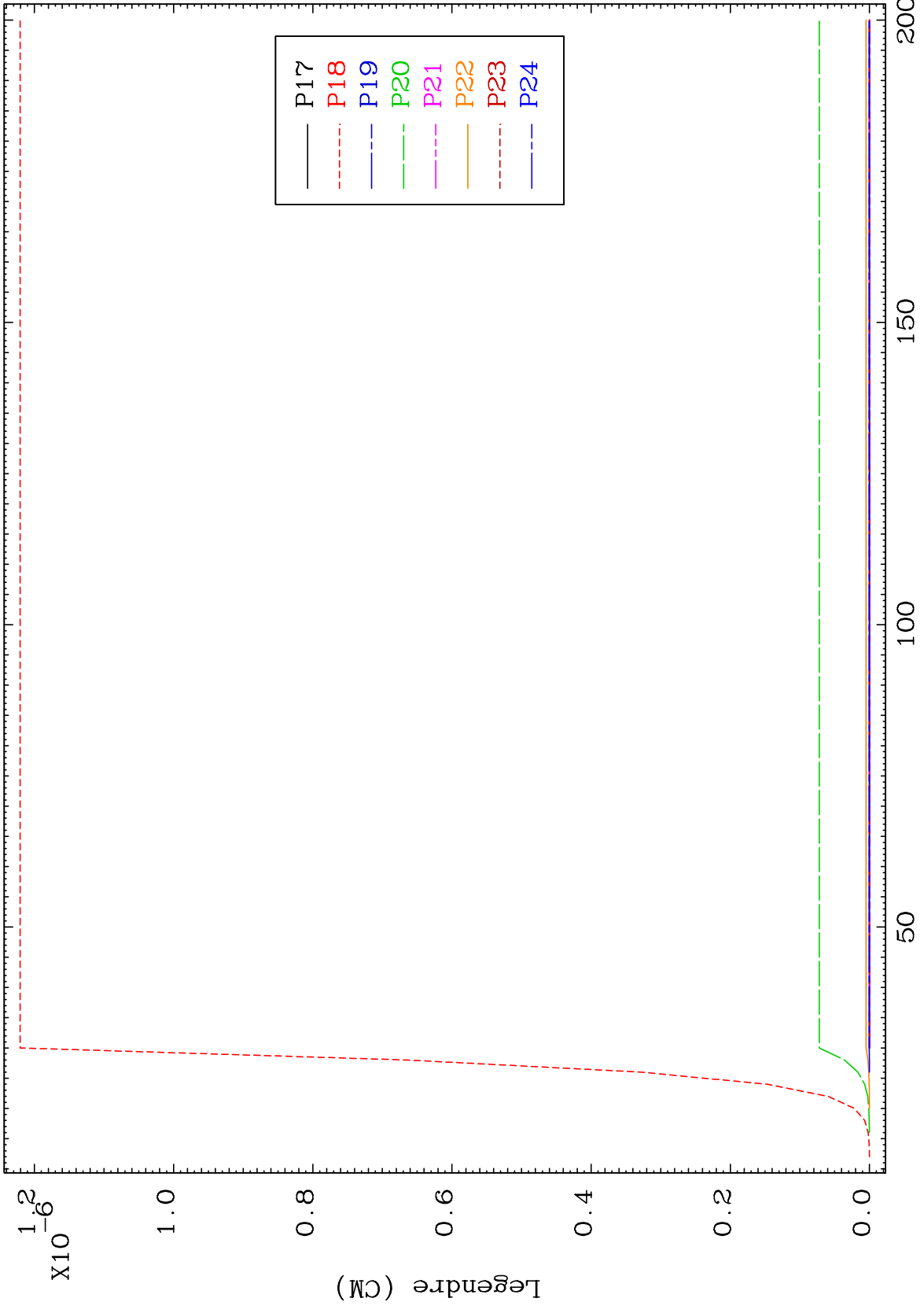
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92



103

Incident Energy (MeV)

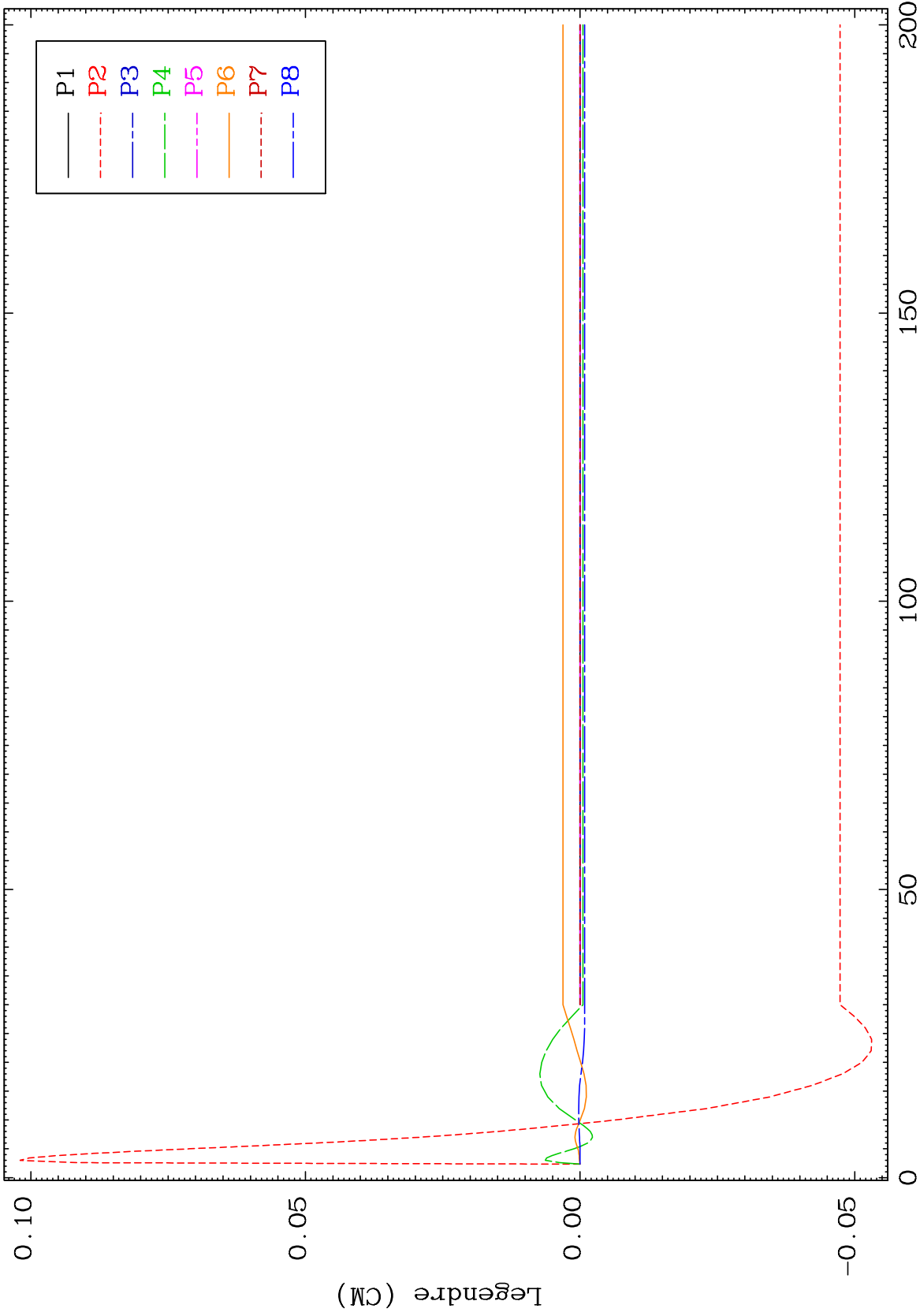
43-Tc-92



MAT 4304

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

43-Tc-92



104

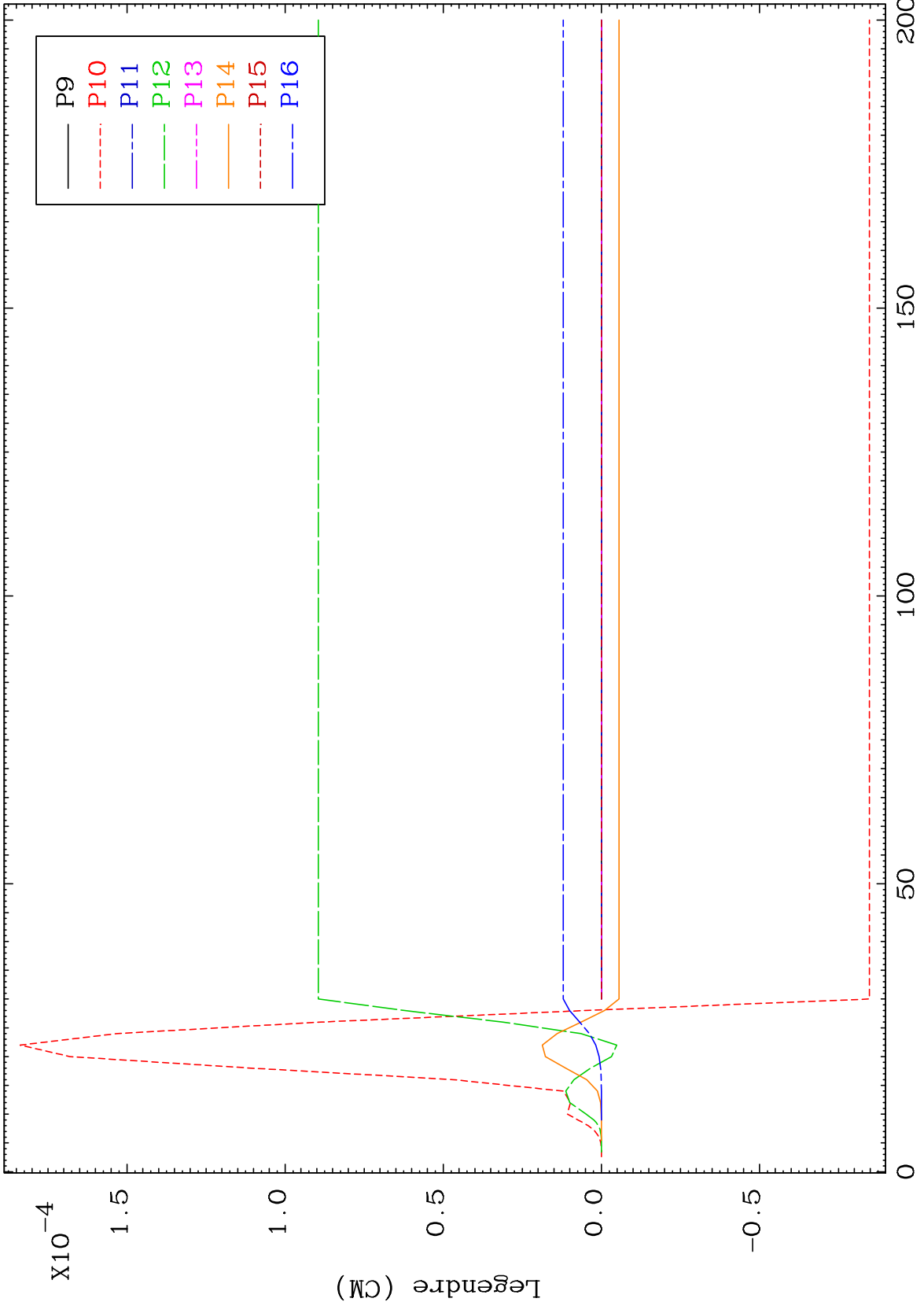
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92

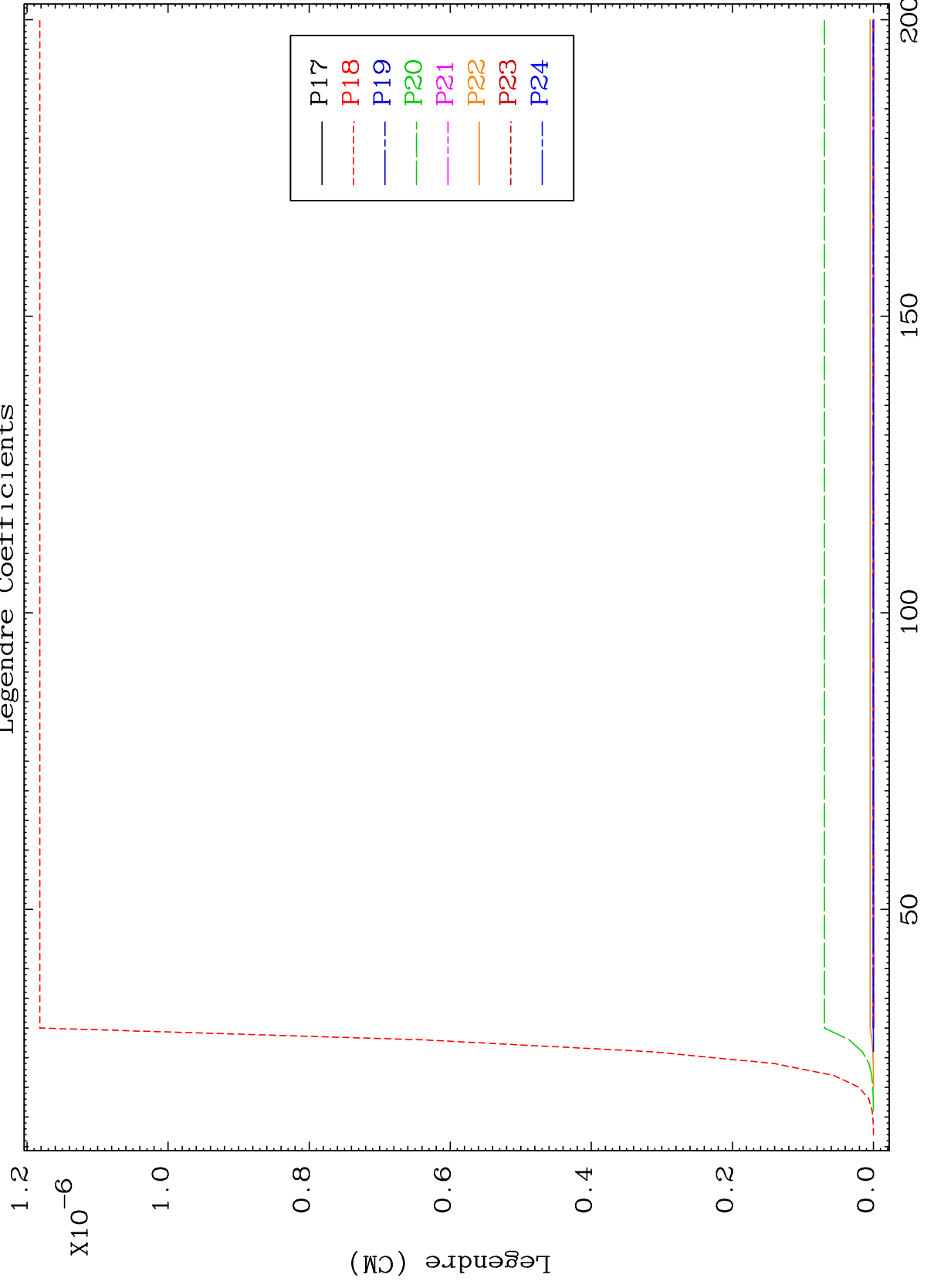


105

Incident Energy (MeV)

43-Tc-92

MAT 4304 MT= 77 (n,n') Level Legendre Coefficients 43-Tc-92

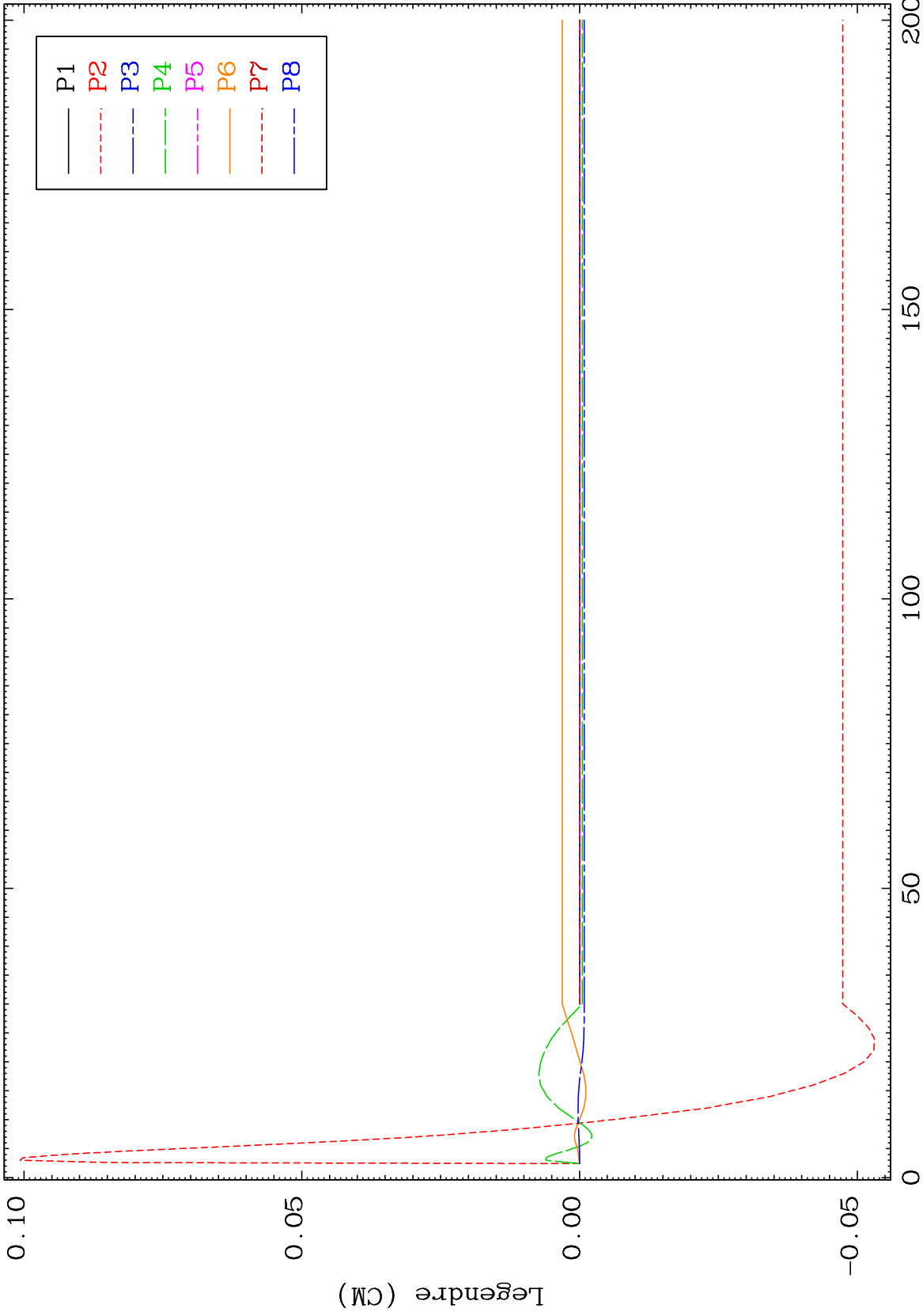


106 Incident Energy (MeV) 43-Tc-92

MAT 4304

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

43-Tc-92



107

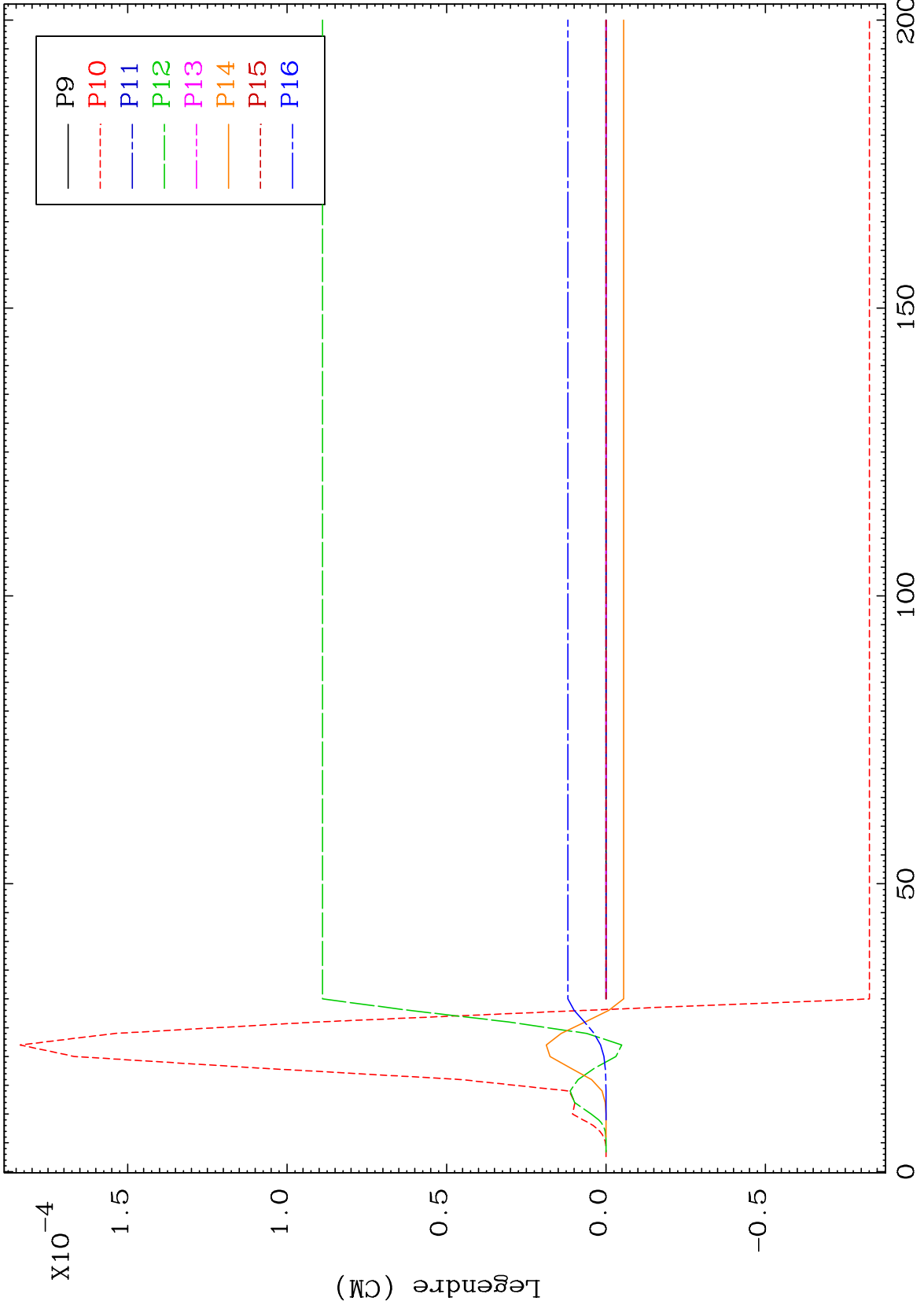
Incident Energy (MeV)

43-Tc-92

MAT 4304

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

43-Tc-92

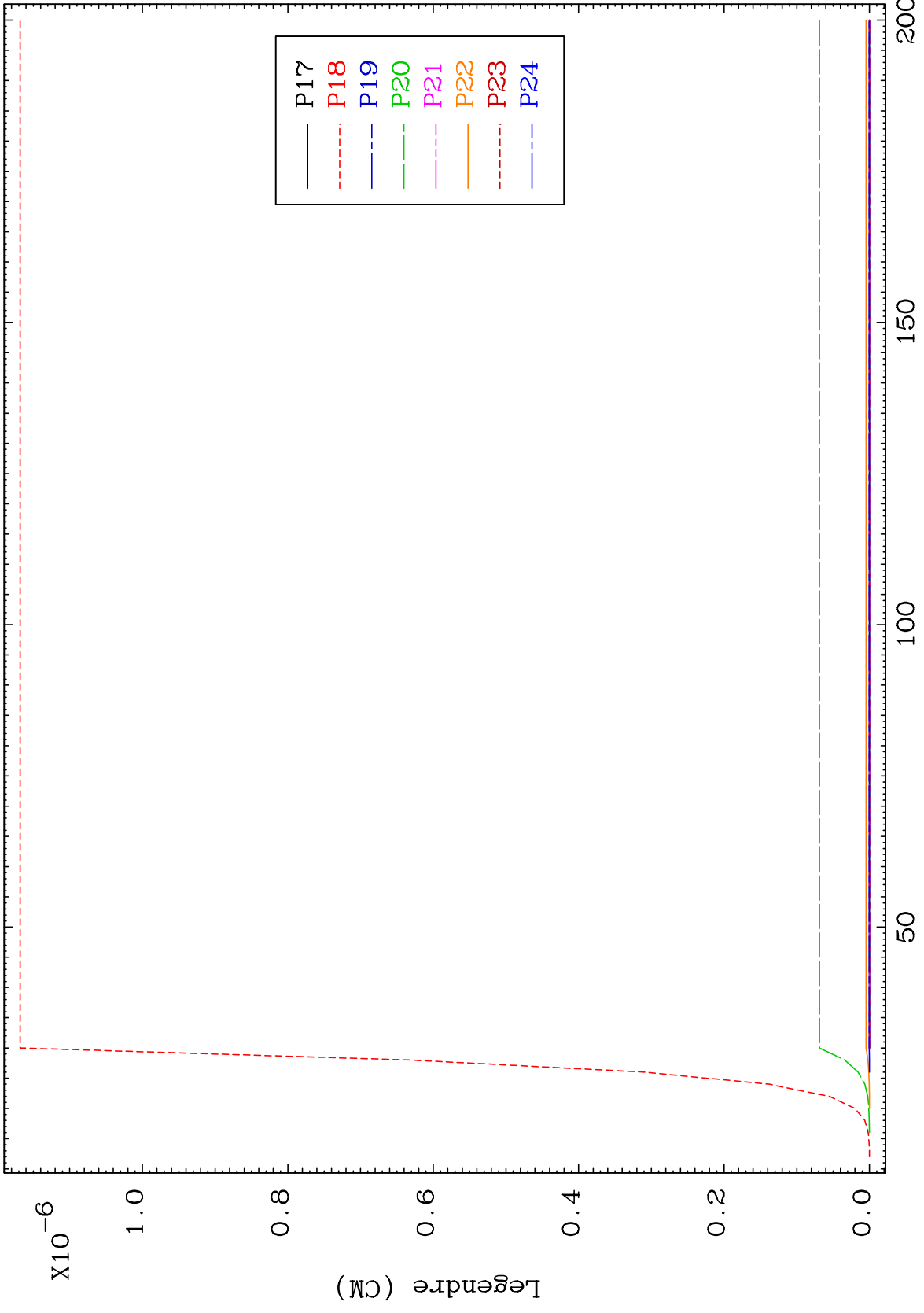


108

Incident Energy (MeV)

43-Tc-92

MAT 4304 MT= 78 (n,n') Level Legendre Coefficients 43-Tc-92

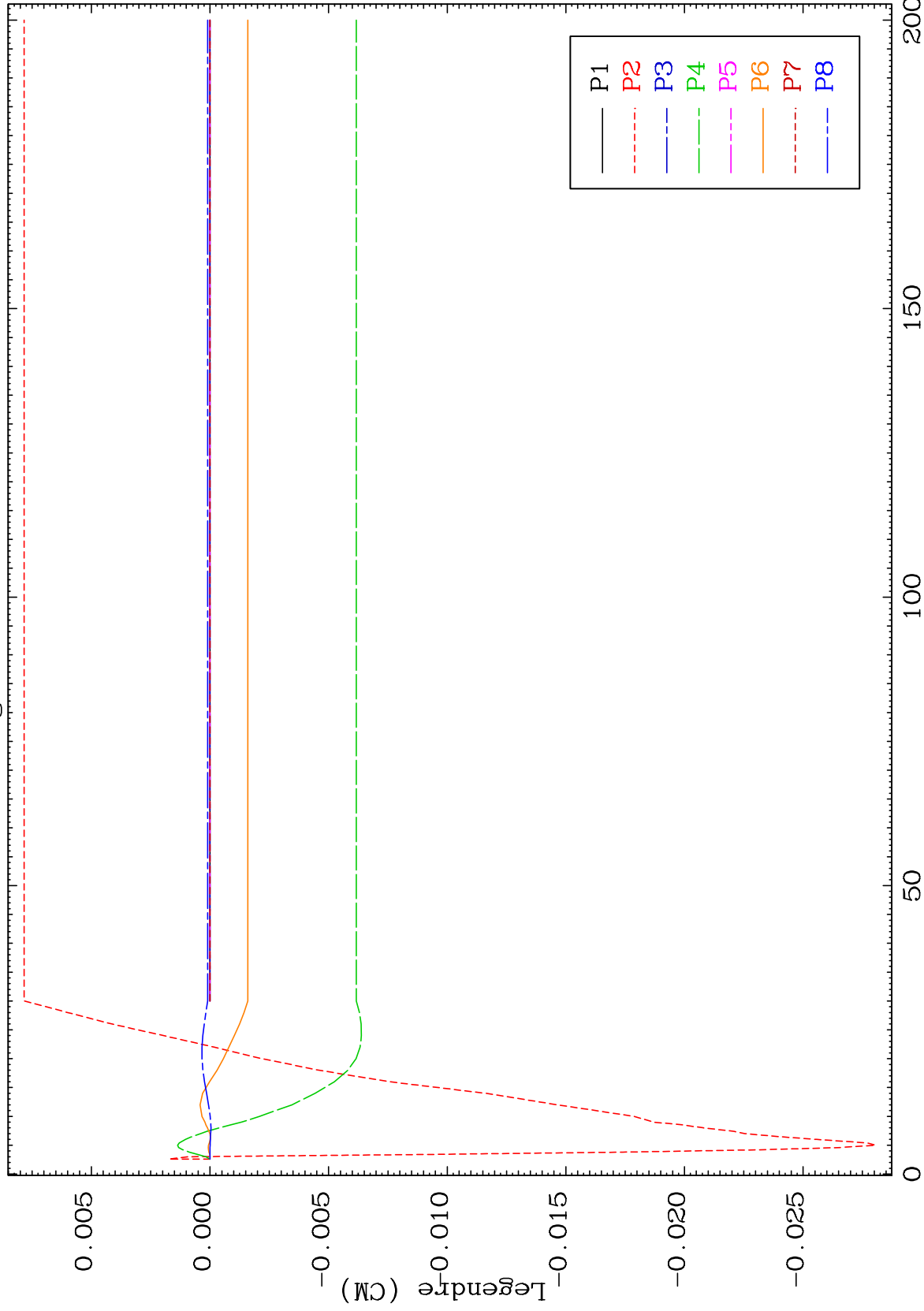


109 Incident Energy (MeV) 43-Tc-92

MAT 4304

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

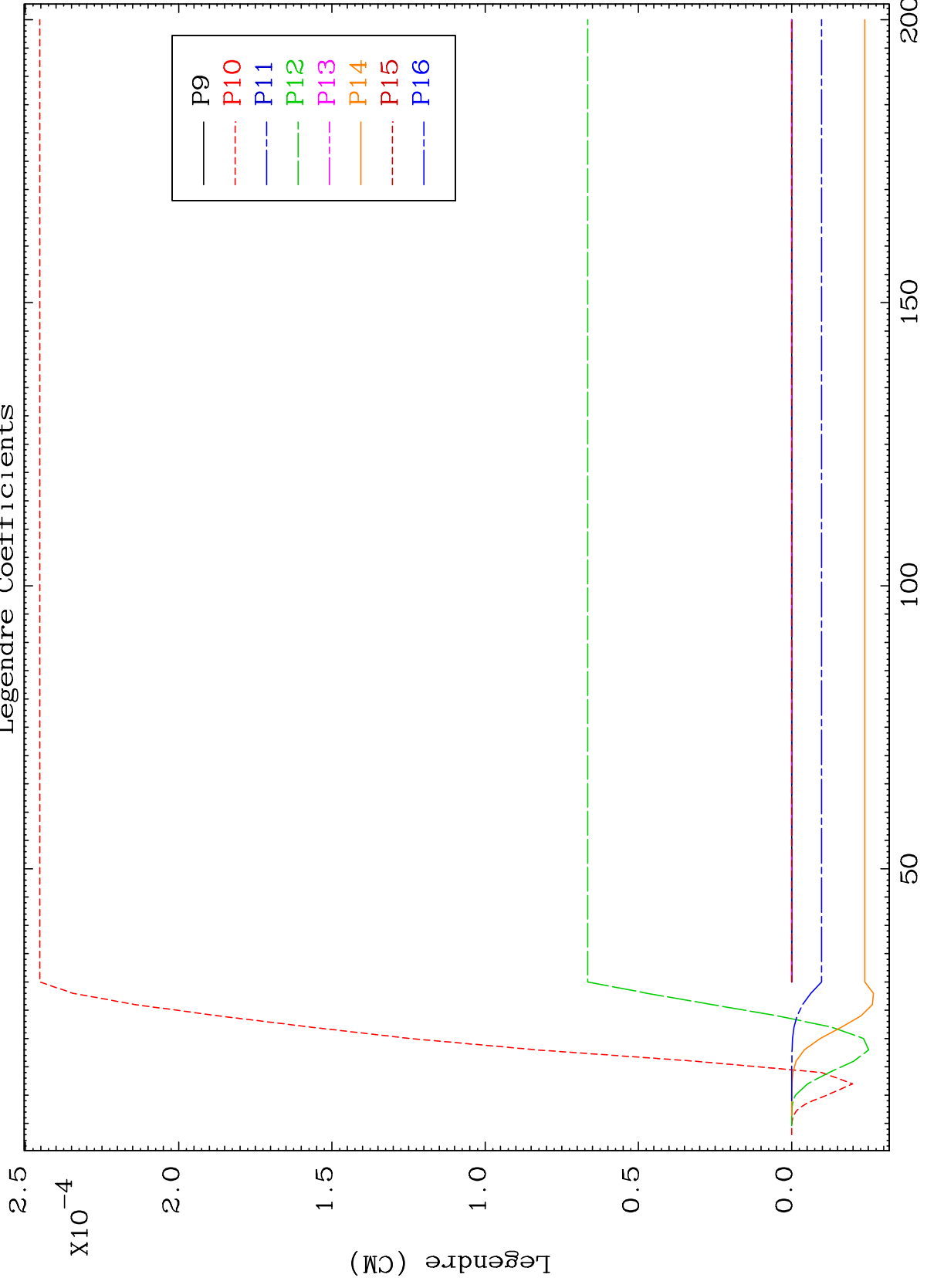
43-Tc-92



110

Incident Energy (MeV)

43-Tc-92

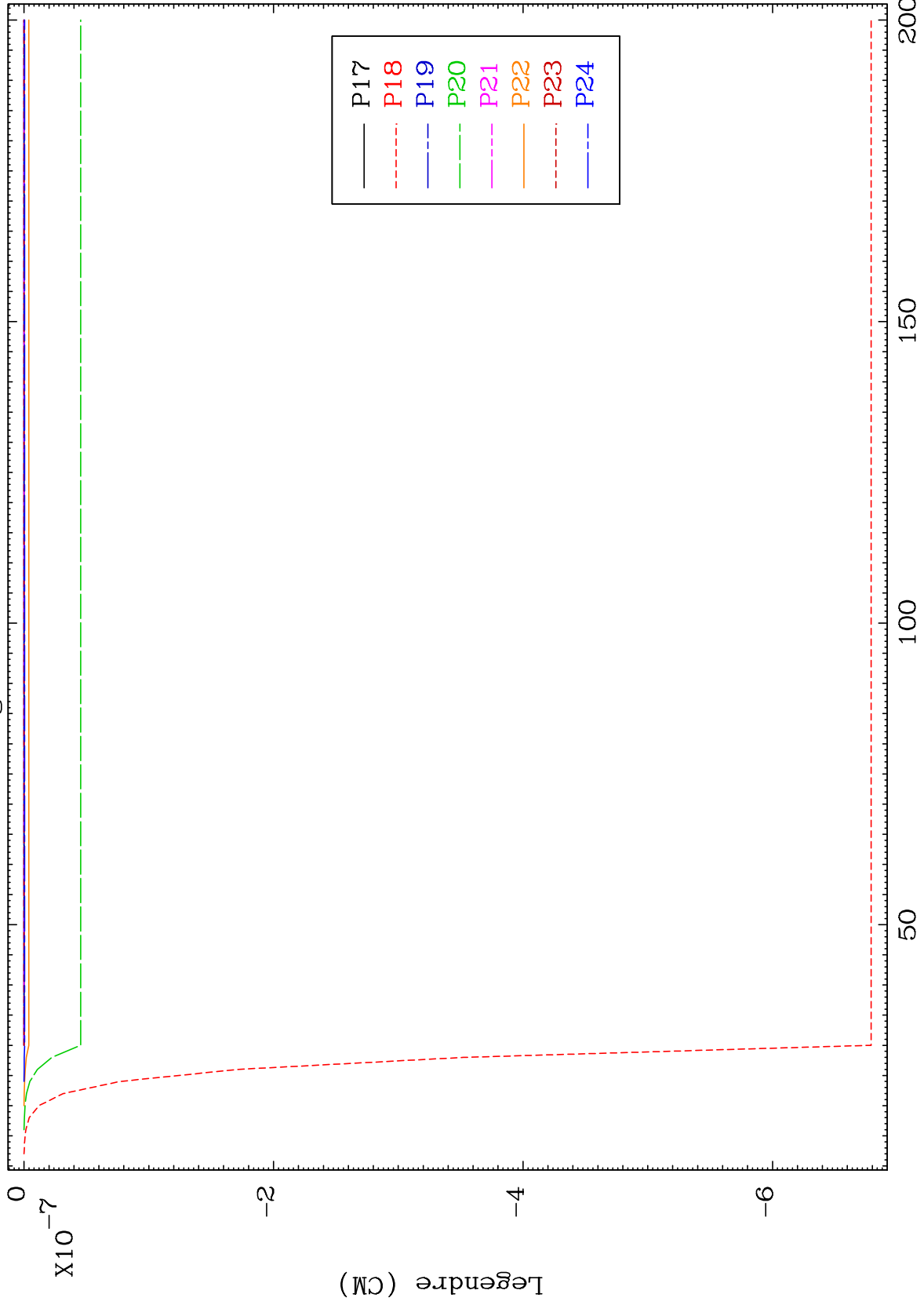




MAT 4304

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

43-Tc-92



43-Tc-92

Incident Energy (MeV)

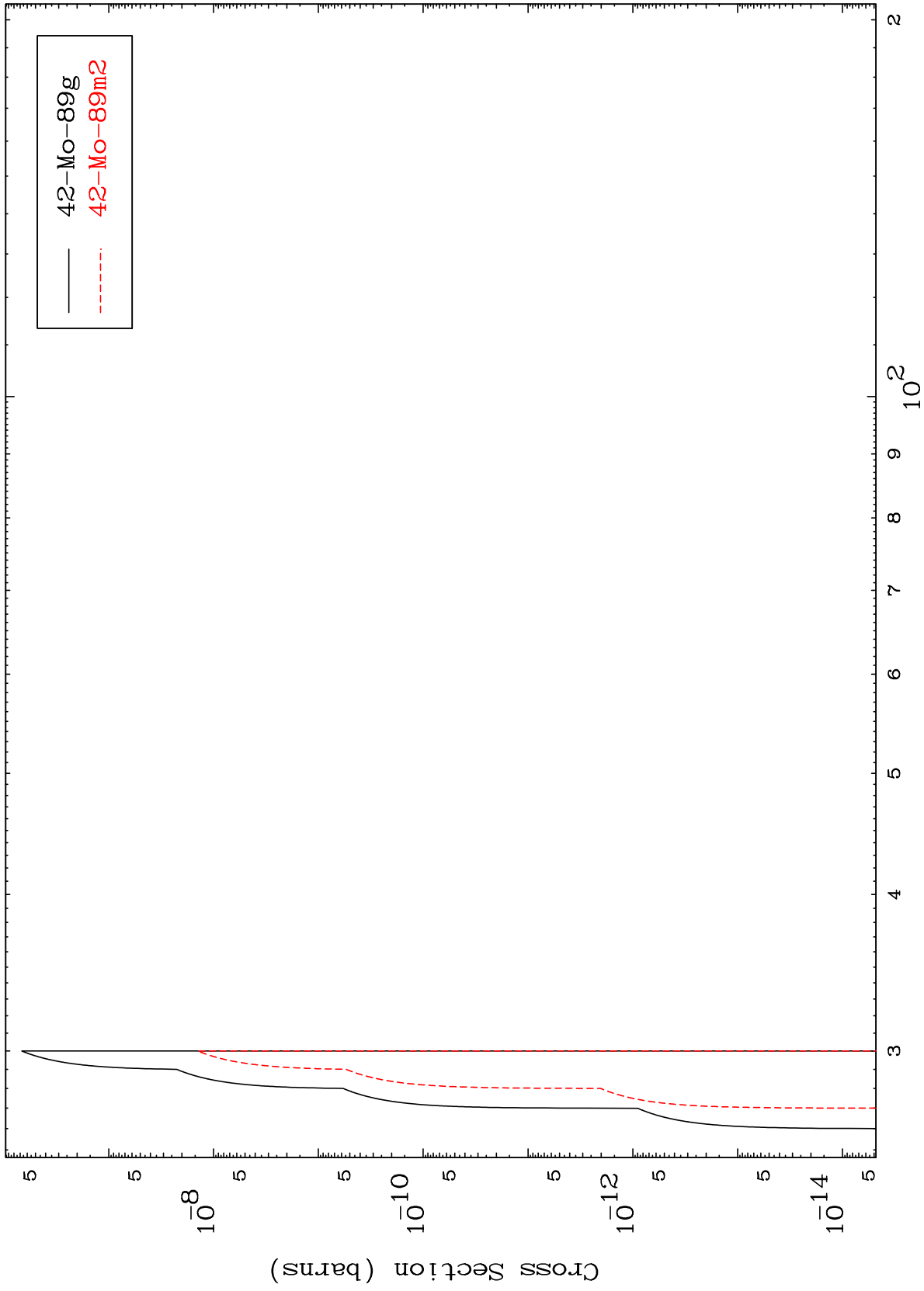
112

MAT 4304

(n,2n) d

43-Tc-92

Radionuclide Production Cross Section



113

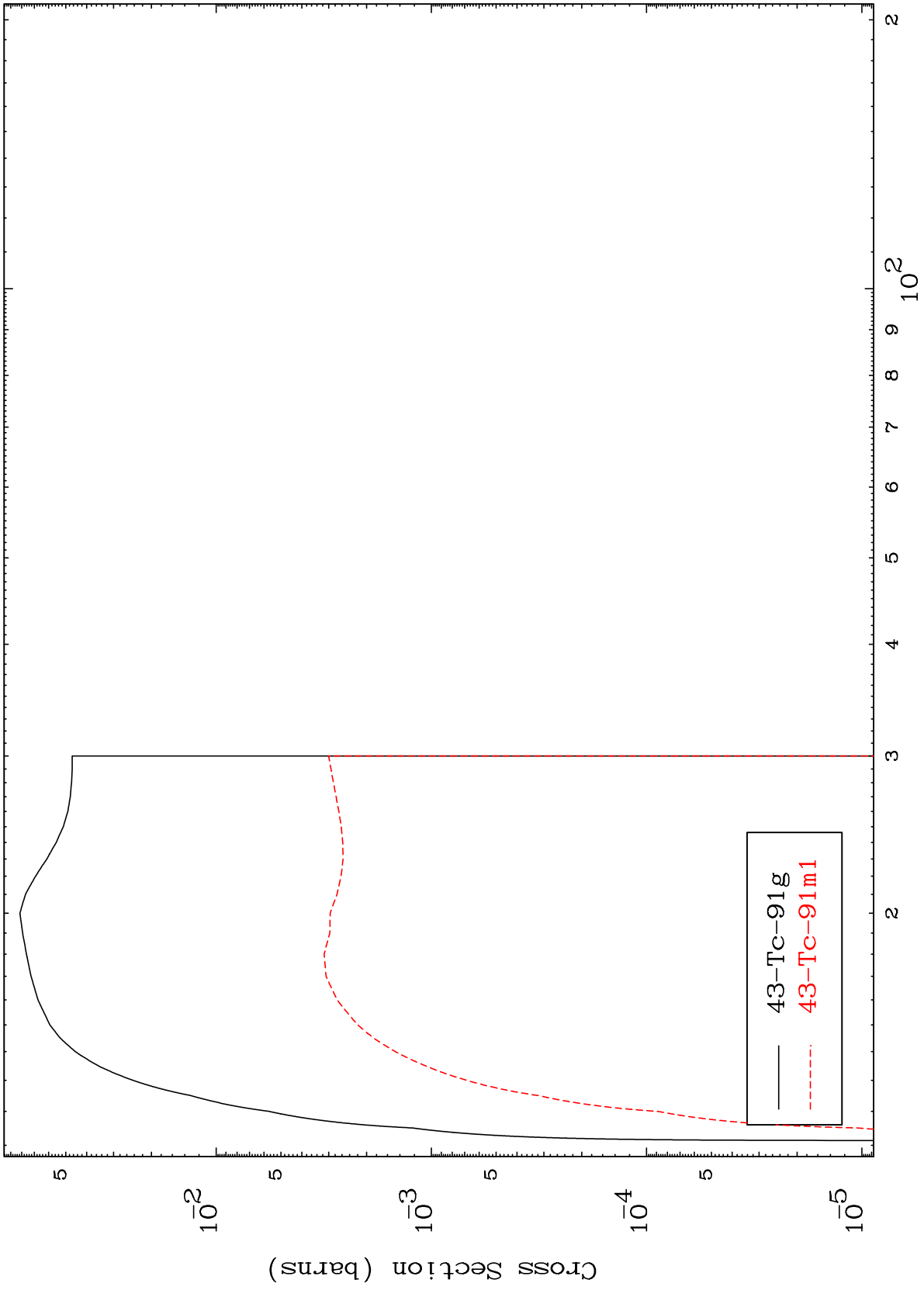
Incident Energy (MeV)

43-Tc-92

MAT 4304

43-Tc-92

(n,2n)  
Radionuclide Production Cross Section



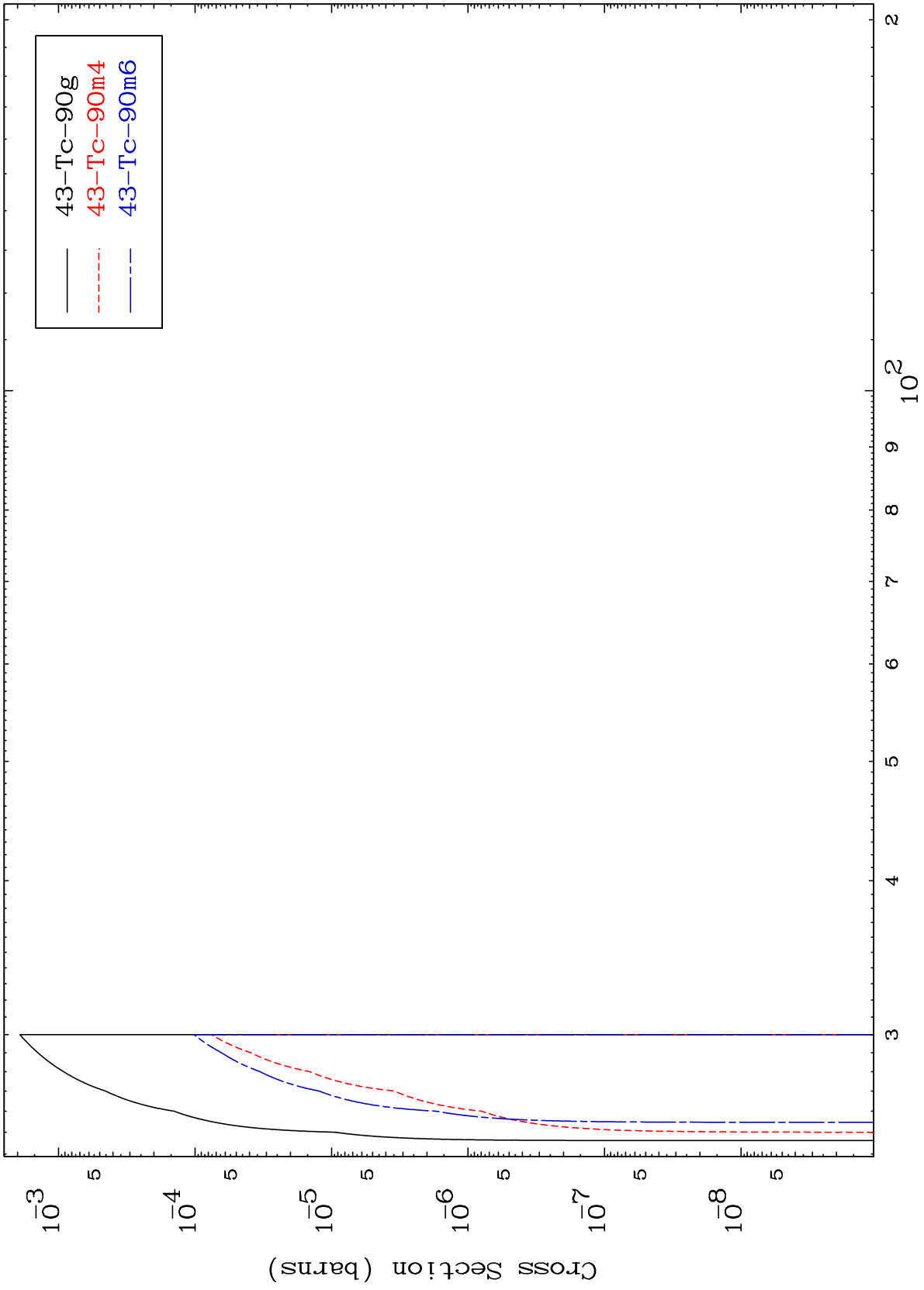
114

43-Tc-92

MAT 4304

43-Tc-92

(n,3n)  
Radionuclide Production Cross Section



115

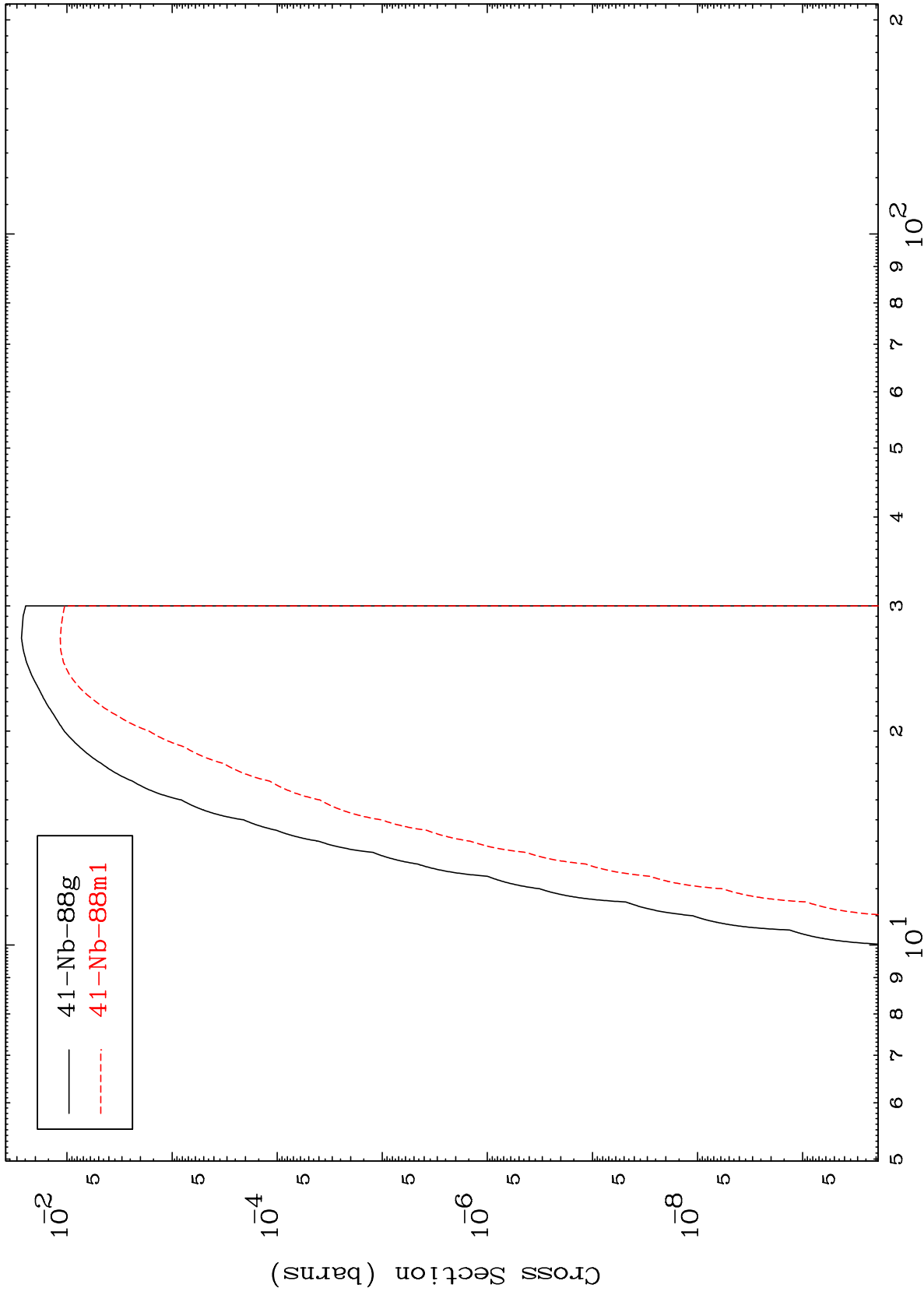
43-Tc-92

MAT 4304

(n,n')  $\alpha$

43-Tc-92

Radionuclide Production Cross Section



116

Incident Energy (MeV)

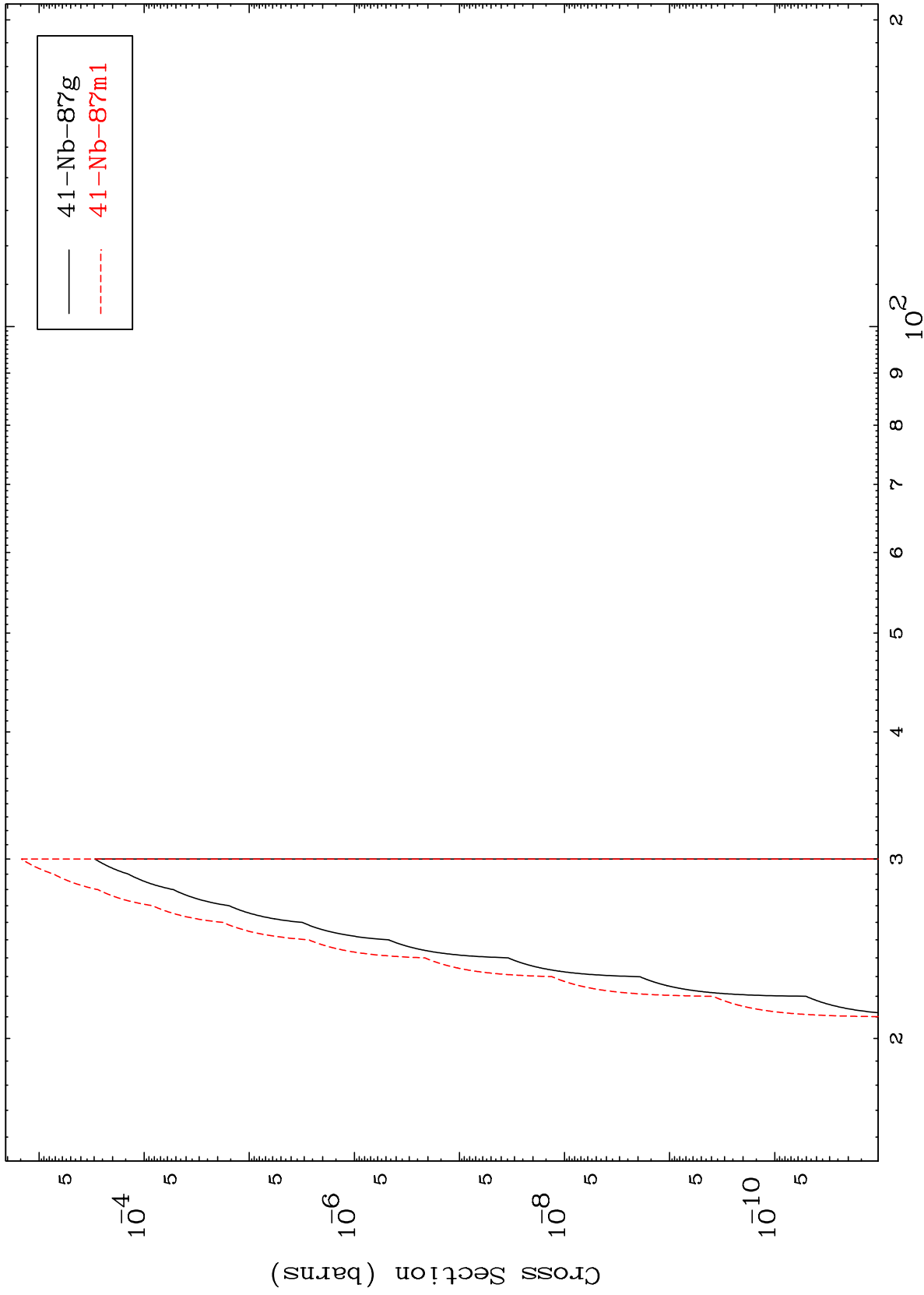
43-Tc-92

MAT 4304

(n,2n)  $\alpha$

43-Tc-92

Radionuclide Production Cross Section



117

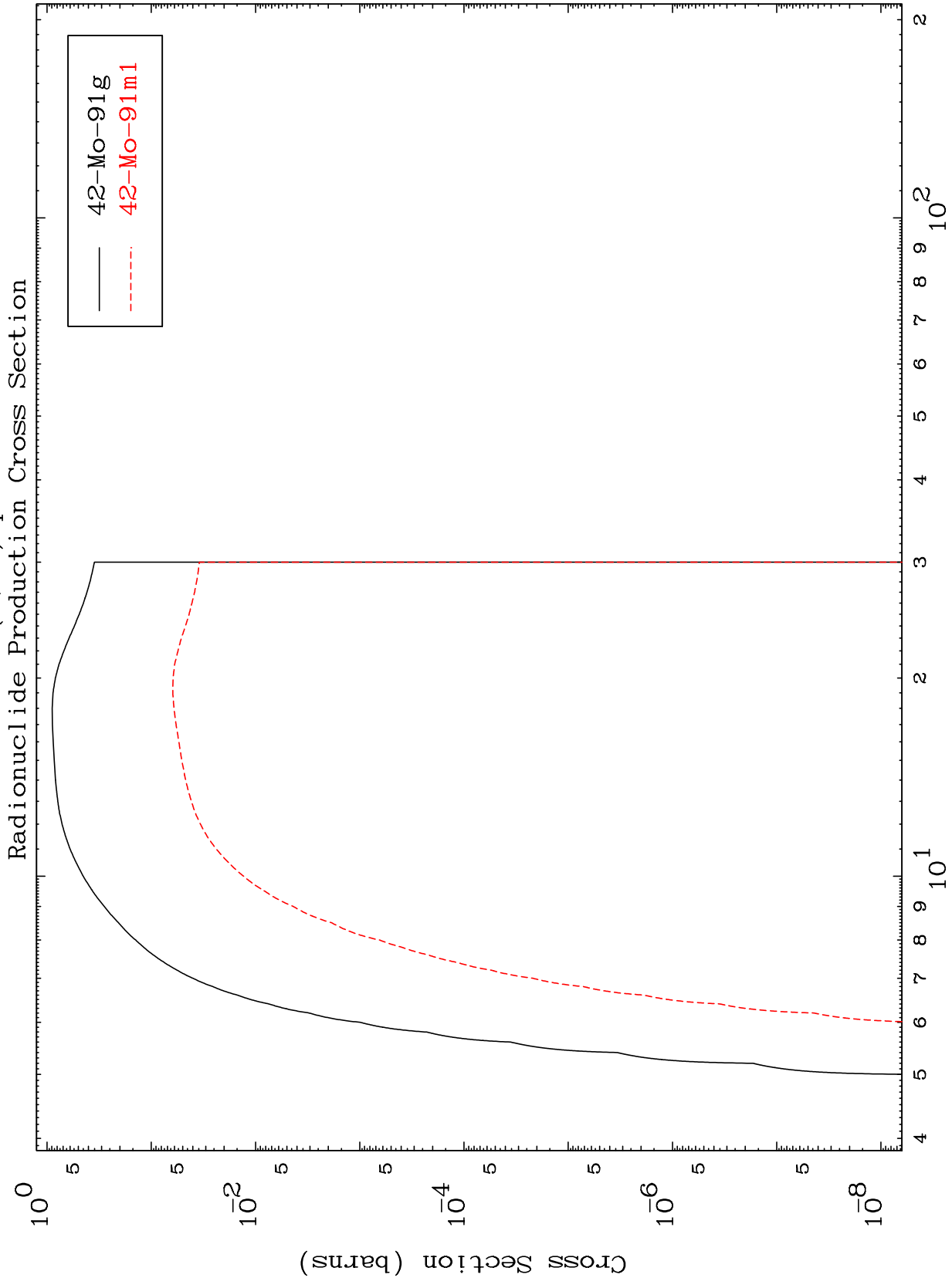
Incident Energy (MeV)

43-Tc-92

MAT 4304

(n,n') p

43-Tc-92



118

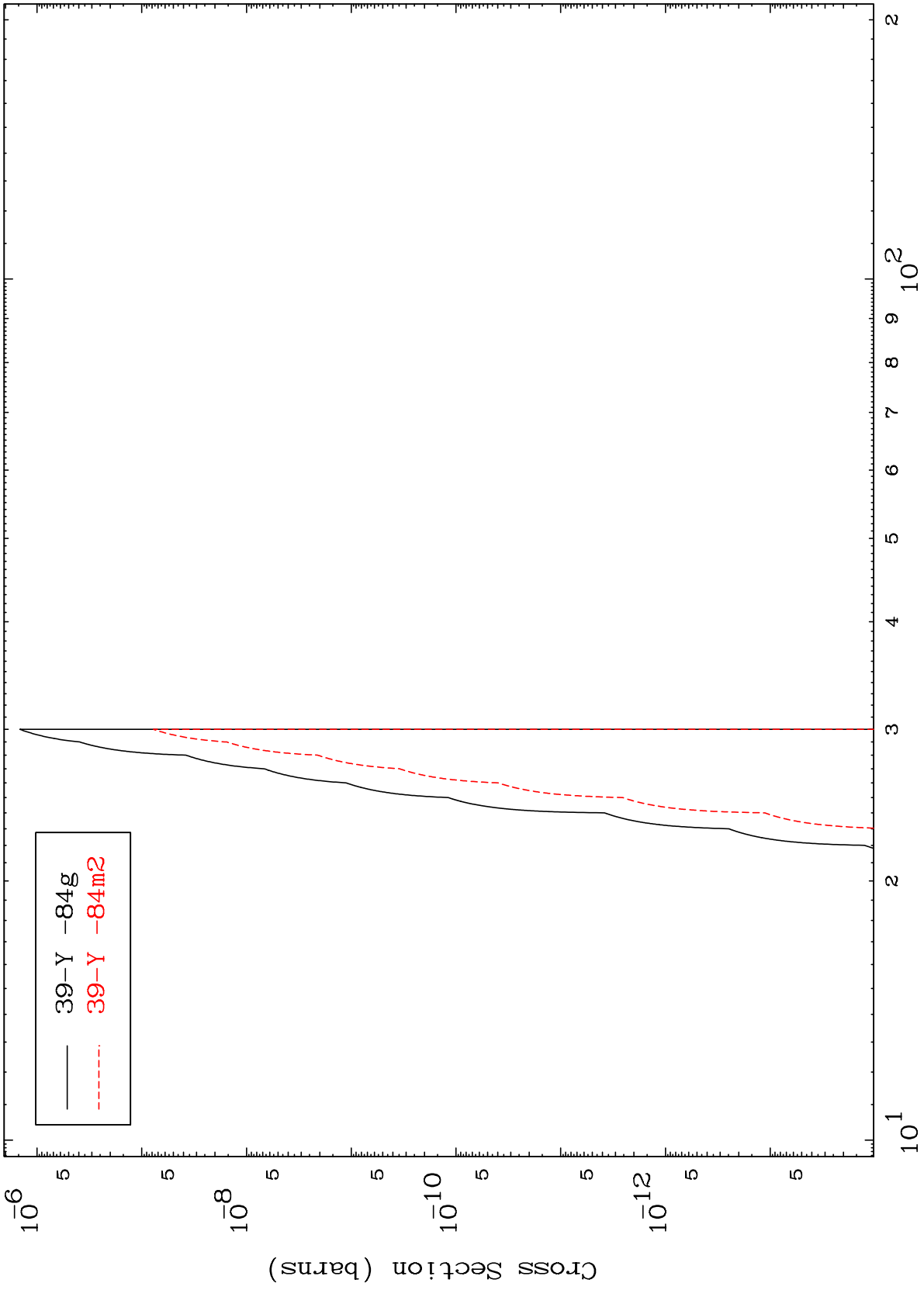
43-Tc-92

MAT 4304

(n,n') 2 $\alpha$

43-Tc-92

Radionuclide Production Cross Section



— 39-Y -84g  
- - - 39-Y -84m2

Incident Energy (MeV)

43-Tc-92

119

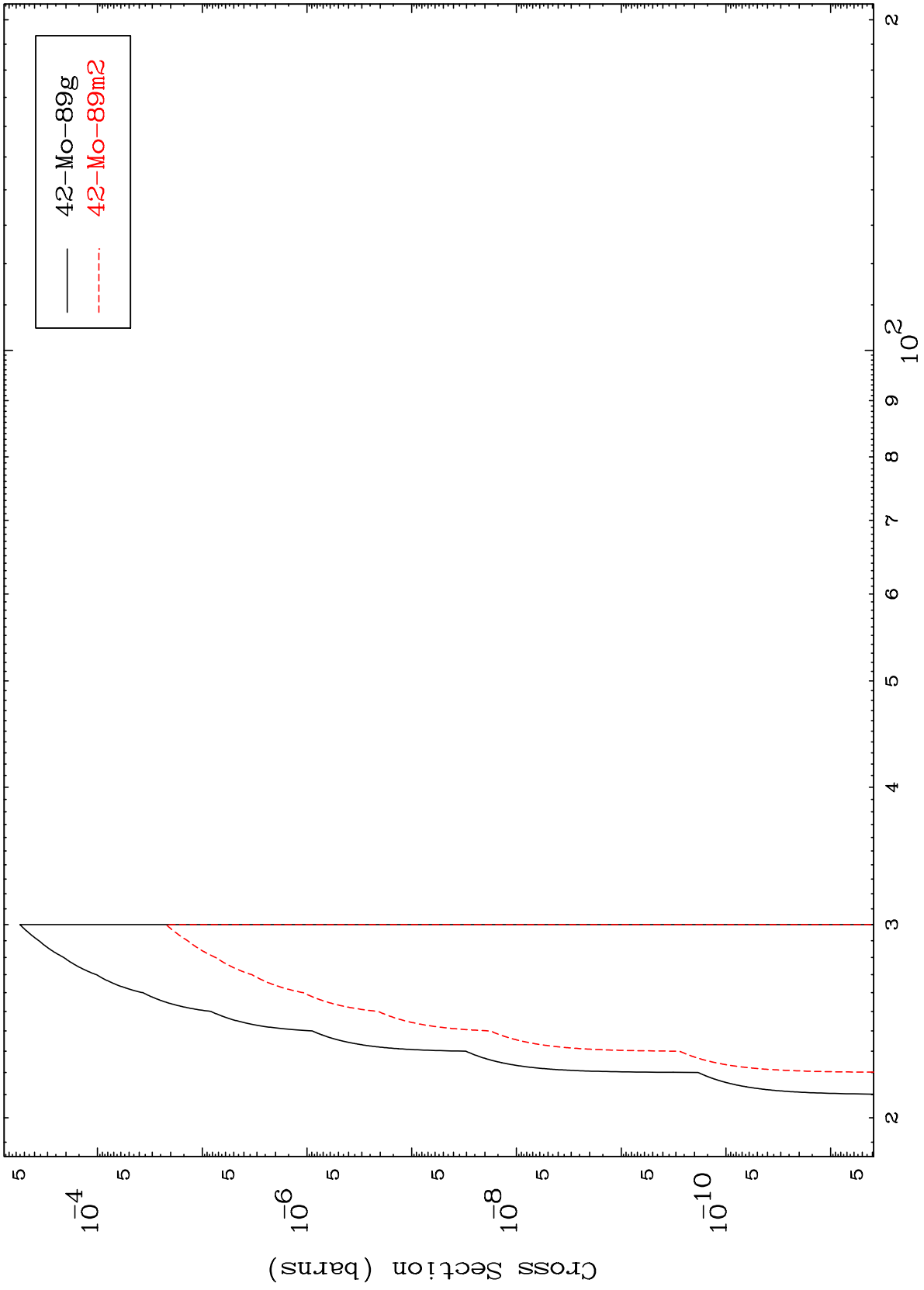


MAT 4304

(n,n') t

43-Tc-92

Radionuclide Production Cross Section

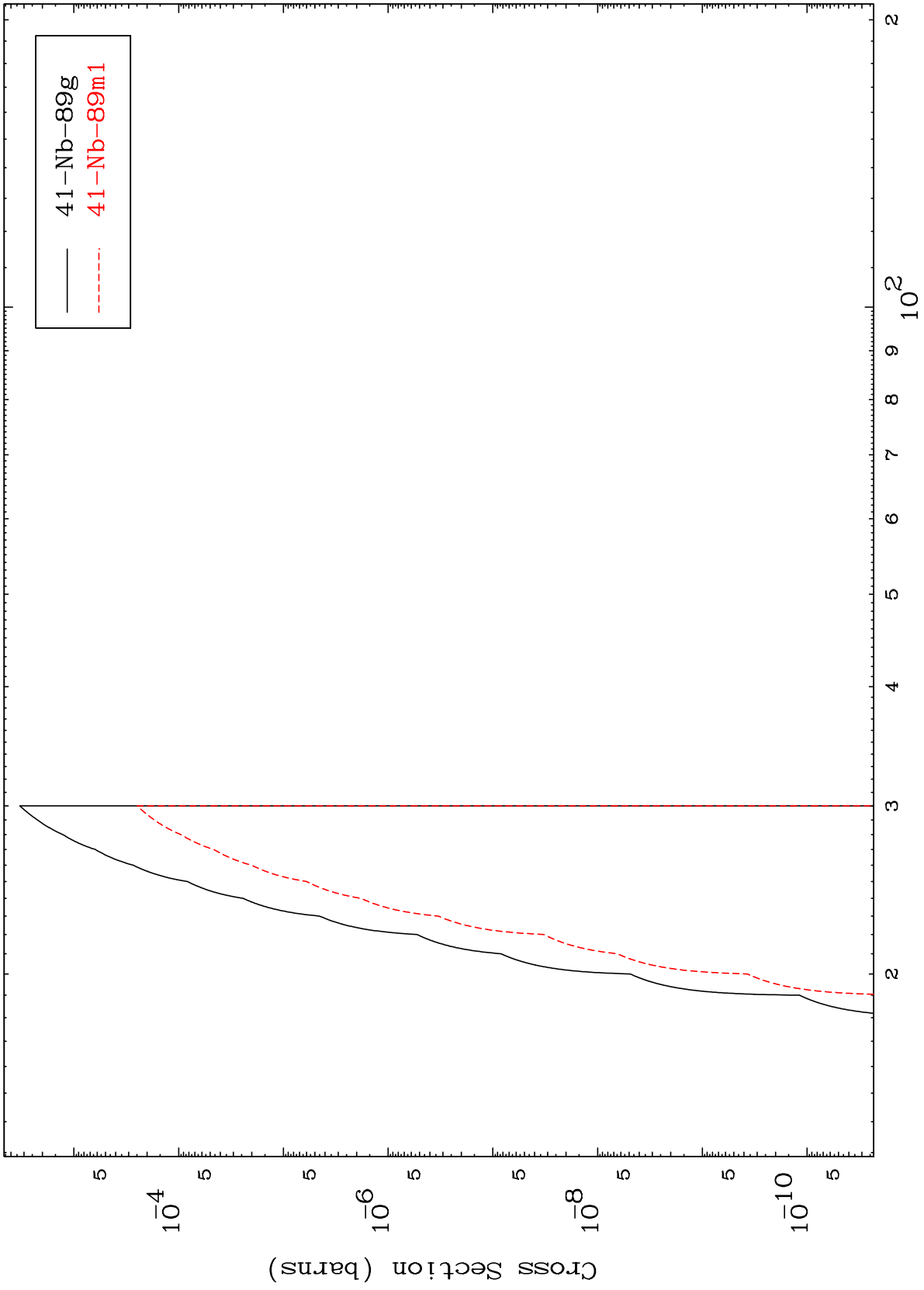


MAT 4304

(n, n') He-3

43-Tc-92

Radionuclide Production Cross Section



121

Incident Energy (MeV)

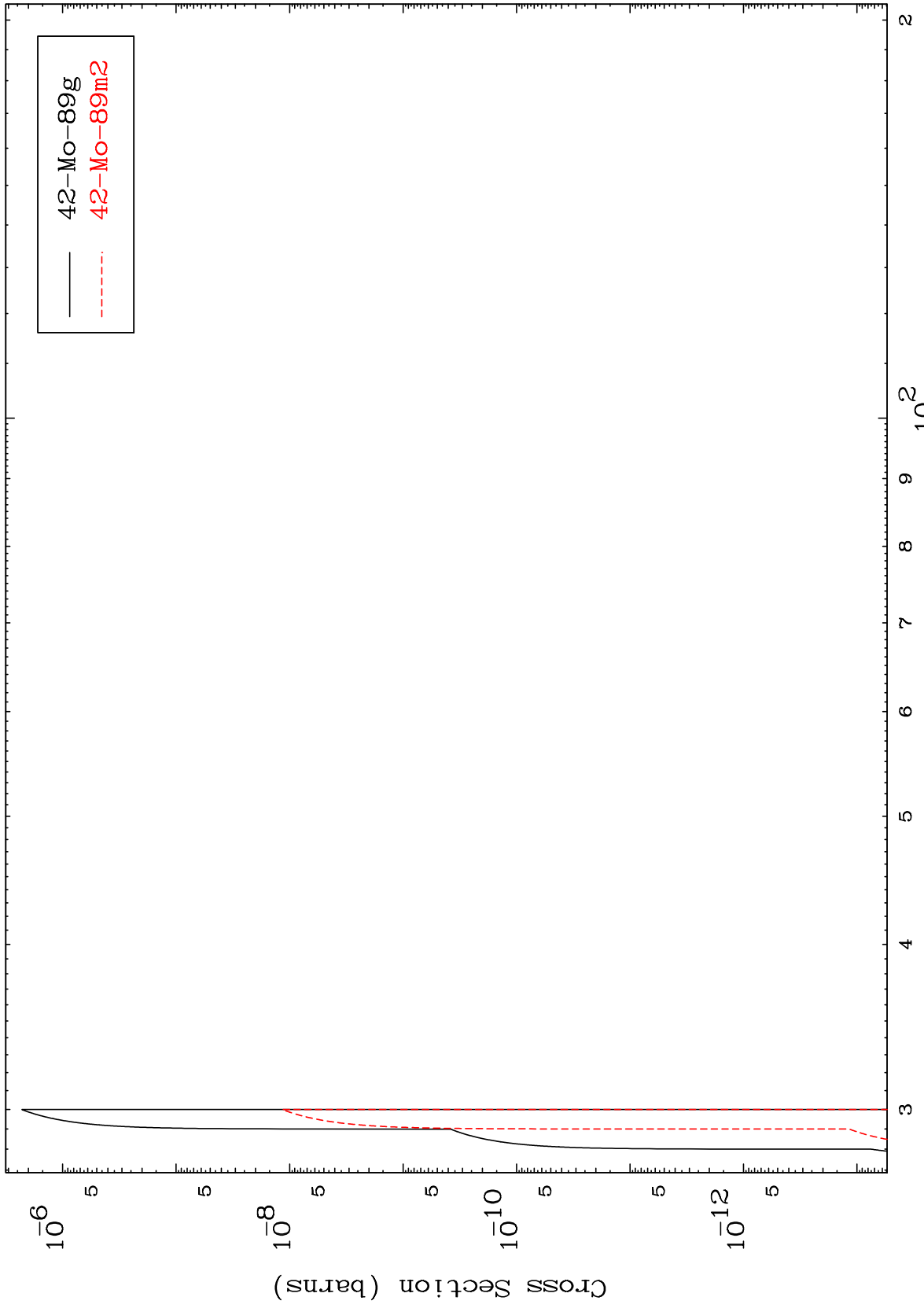
43-Tc-92

MAT 4304

(n,3n) p

43-Tc-92

Radionuclide Production Cross Section



122

Incident Energy (MeV)

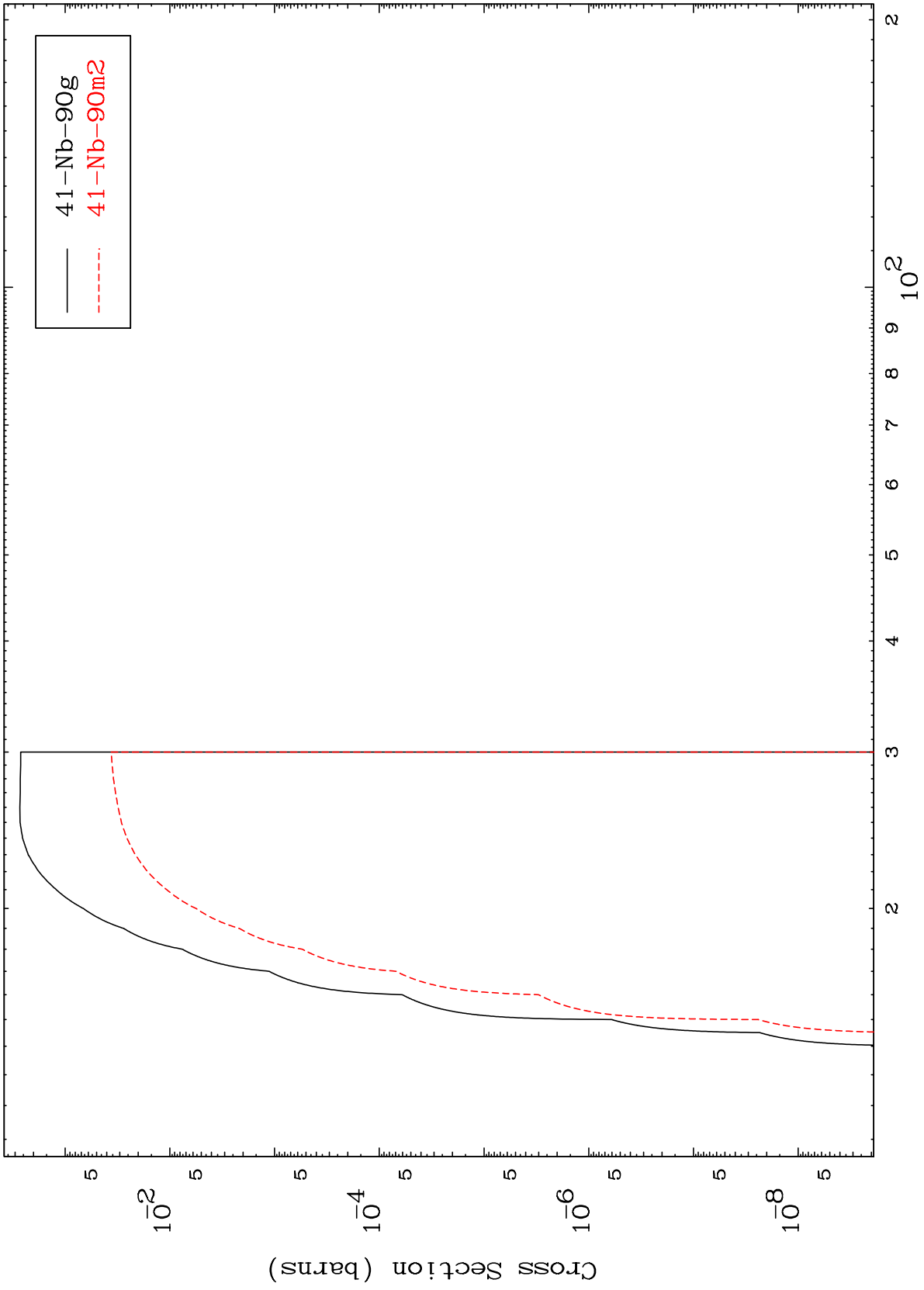
43-Tc-92

MAT 4304

(n,2n) p

43-Tc-92

Radionuclide Production Cross Section



123

Incident Energy (MeV)

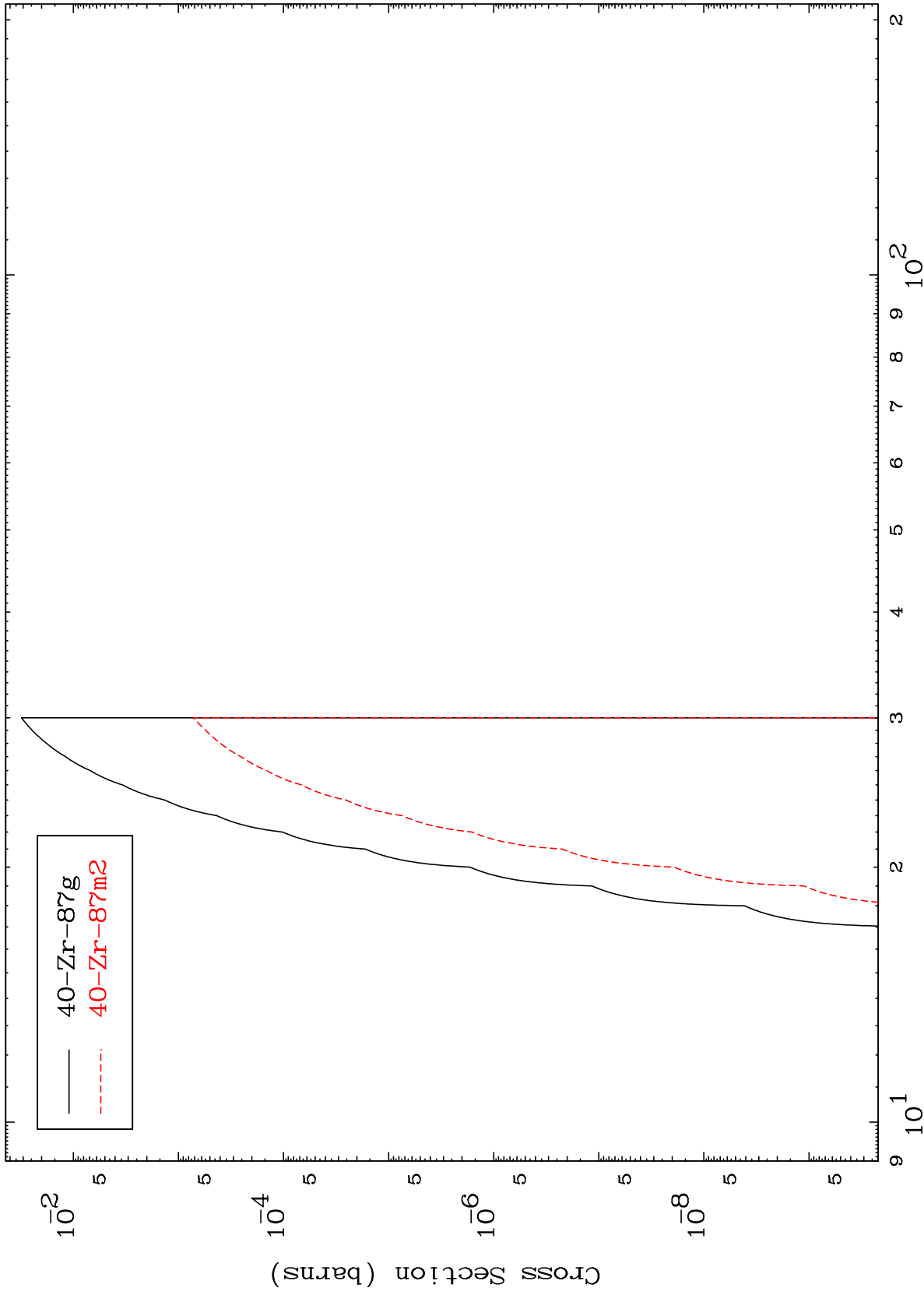
43-Tc-92

MAT 4304

(n,n') p  $\alpha$

43-Tc-92

Radionuclide Production Cross Section

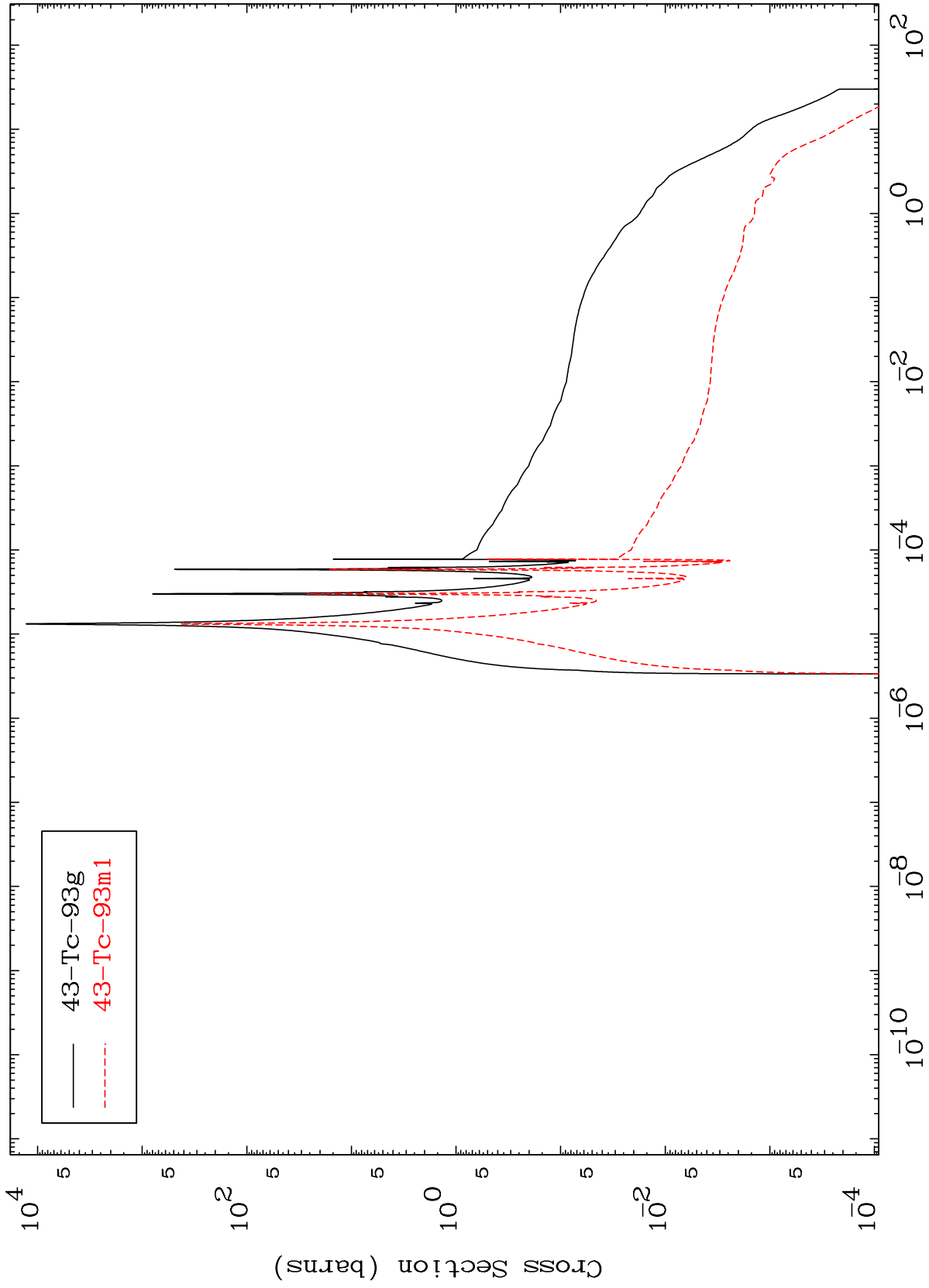


124

MAT 4304

43-Tc-92

Radionuclide Production Cross Section (n,γ)



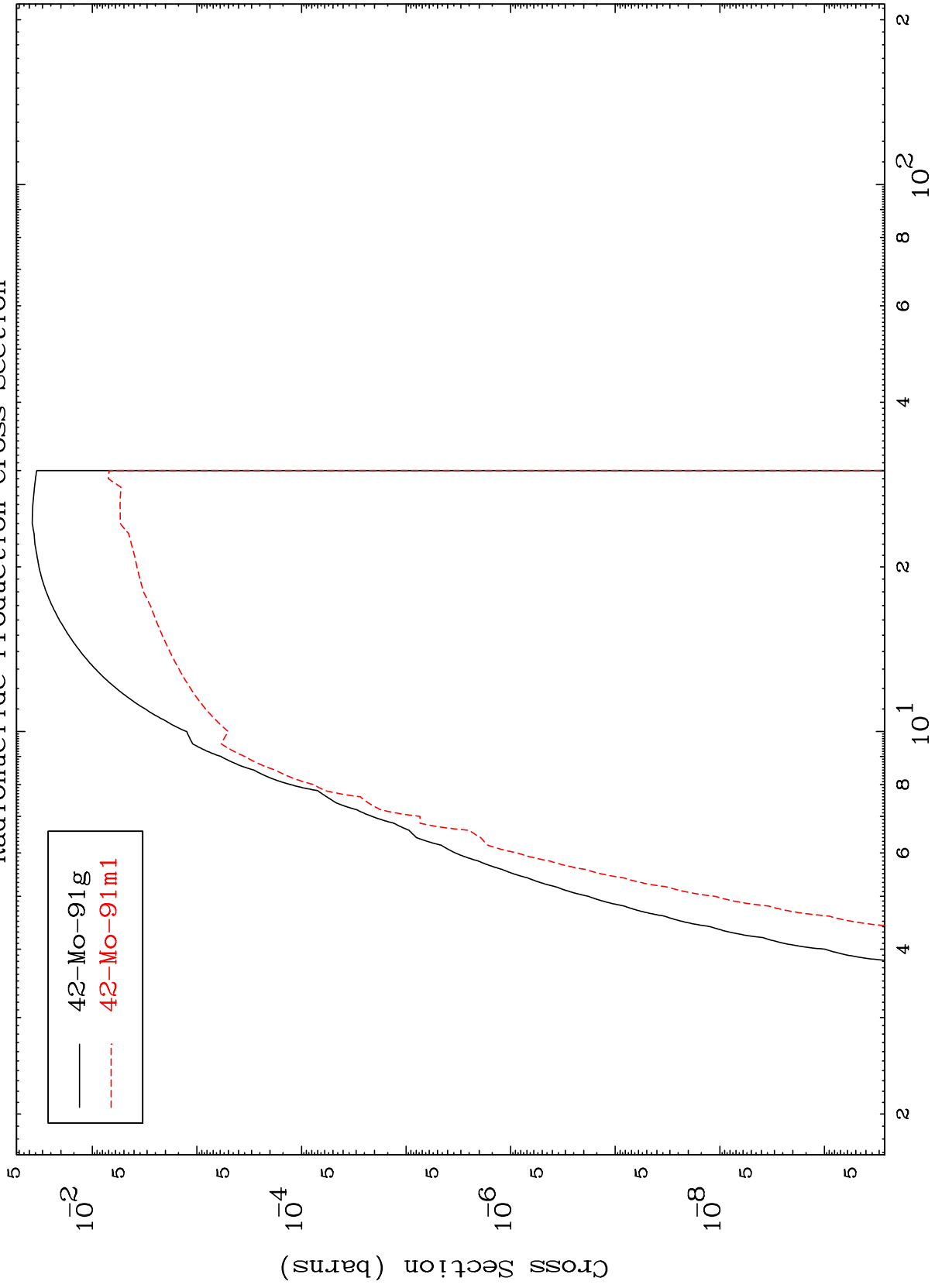
125

43-Tc-92

MAT 4304

Radionuclide Production Cross Section  
(n,d)

<sup>43</sup>Tc-92



126

Incident Energy (MeV)

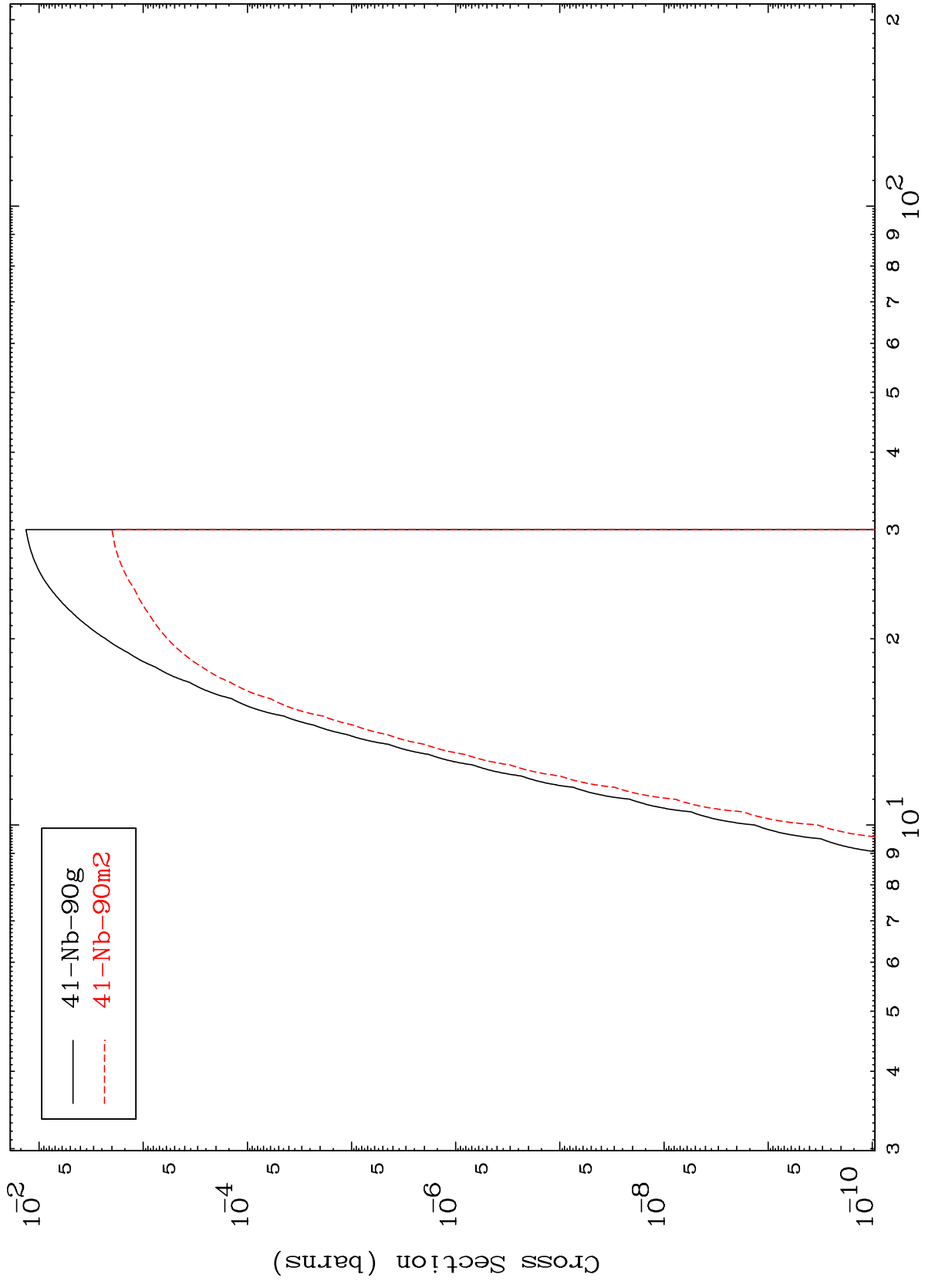
<sup>43</sup>Tc-92

MAT 4304

(n, He-3)

43-Tc-92

Radionuclide Production Cross Section



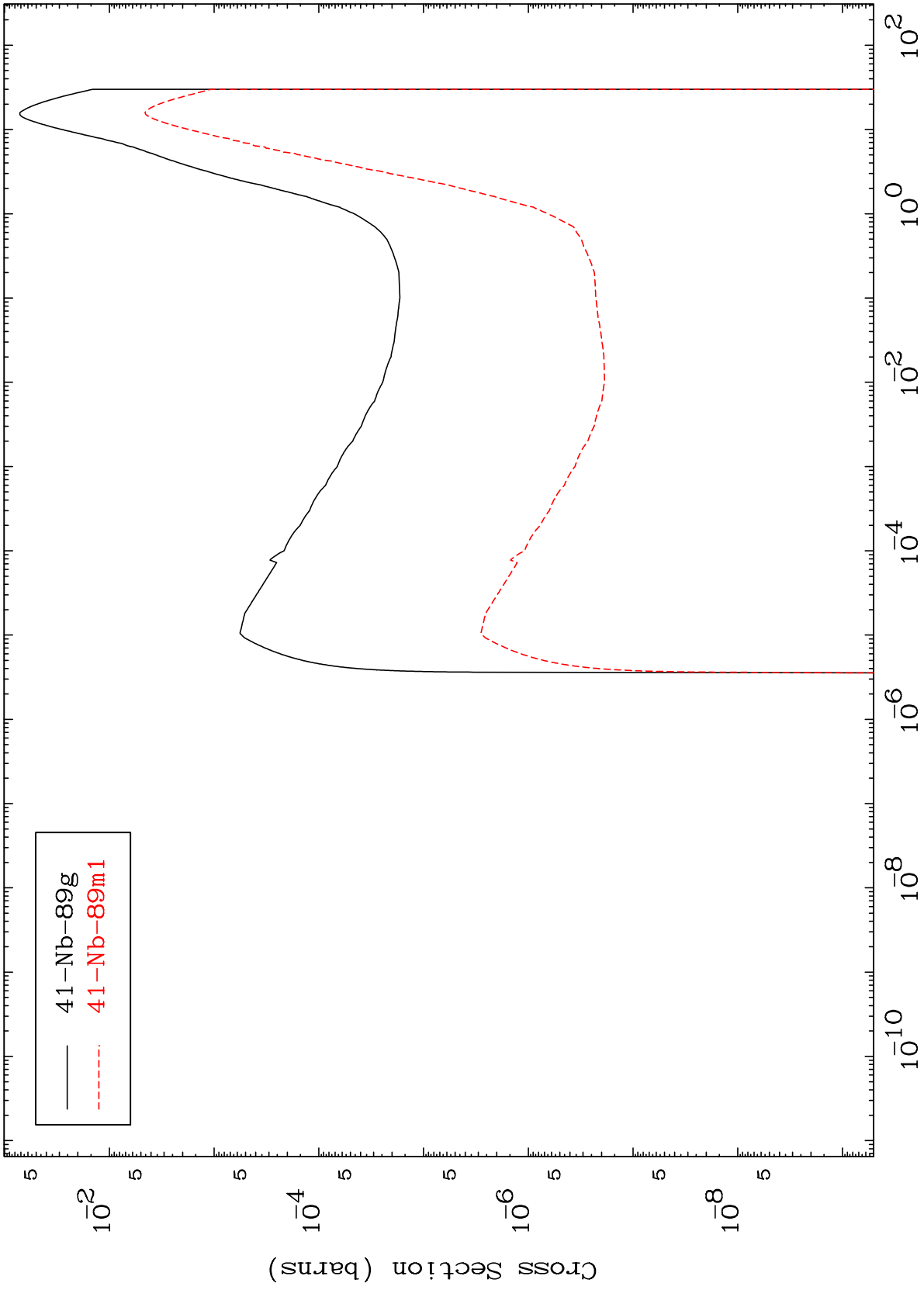
41-Nb-90g  
41-Nb-90m2



MAT 4304

(n,α)  
Radionuclide Production Cross Section

43-Tc-92



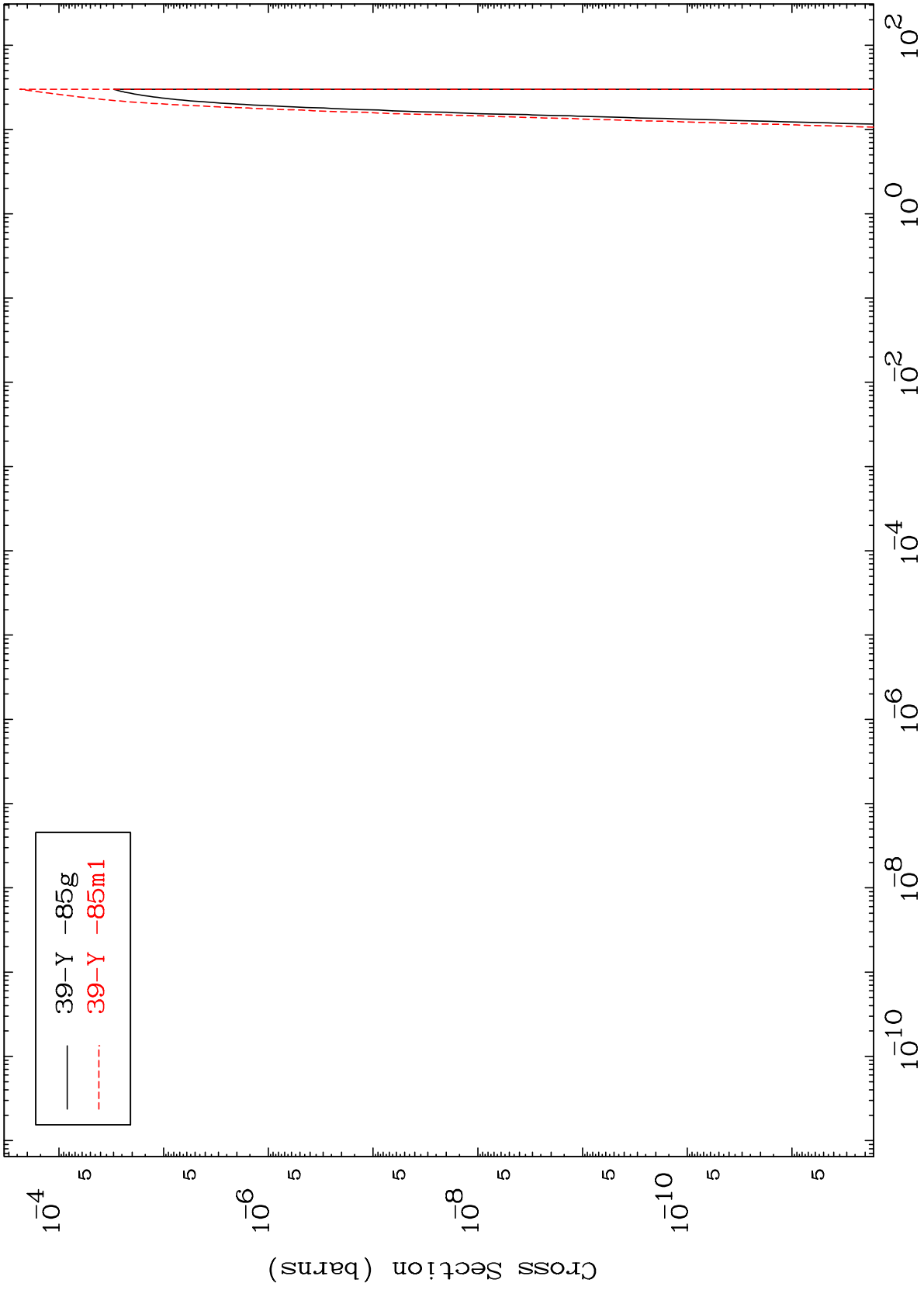
128

43-Tc-92

MAT 4304

Radionuclide Production Cross Section  
(n,2α)

43-Tc-92



129

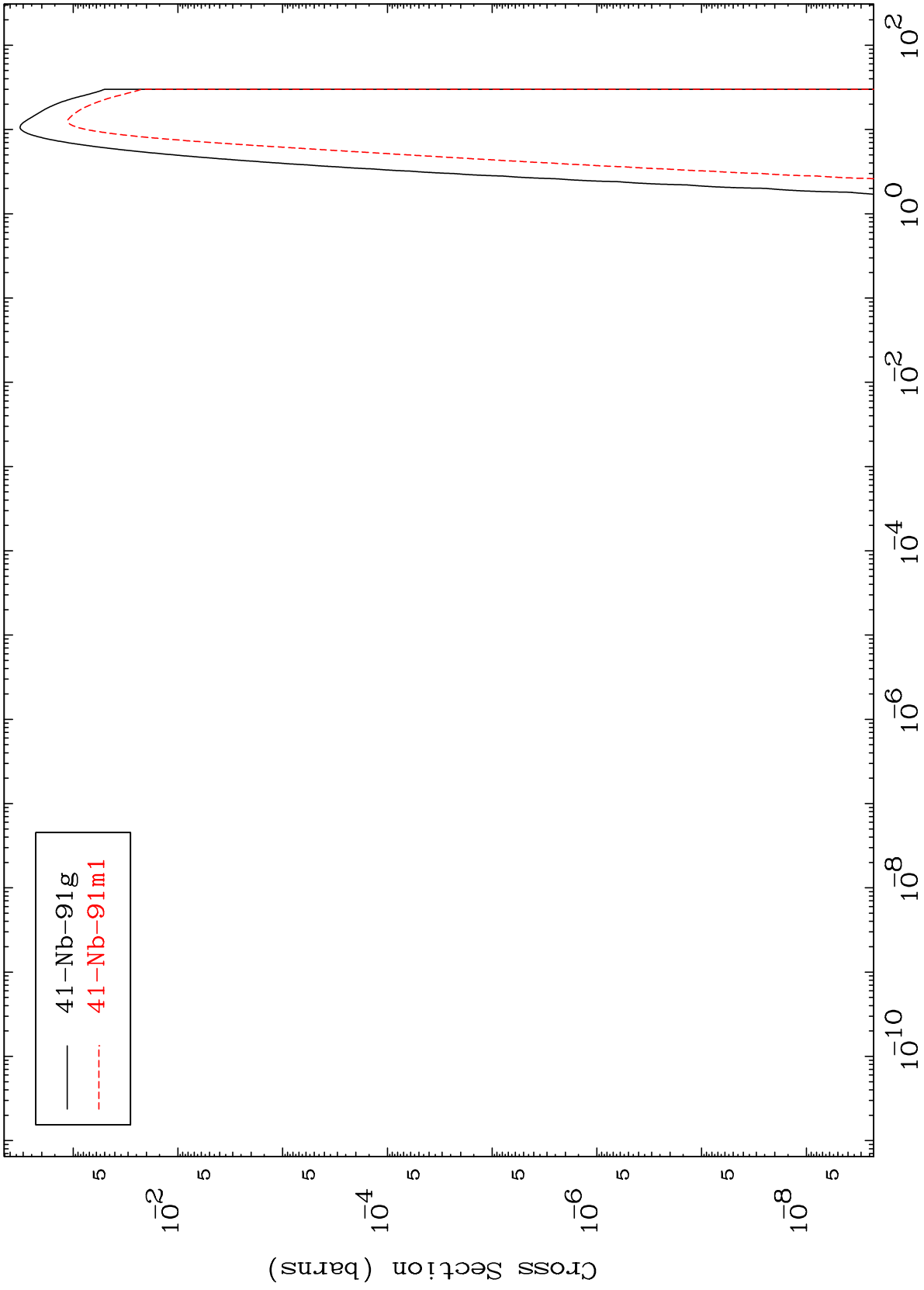
Incident Energy (MeV)

43-Tc-92

MAT 4304

Radionuclide Production Cross Section  
(n,2p)

43-Tc-92



130

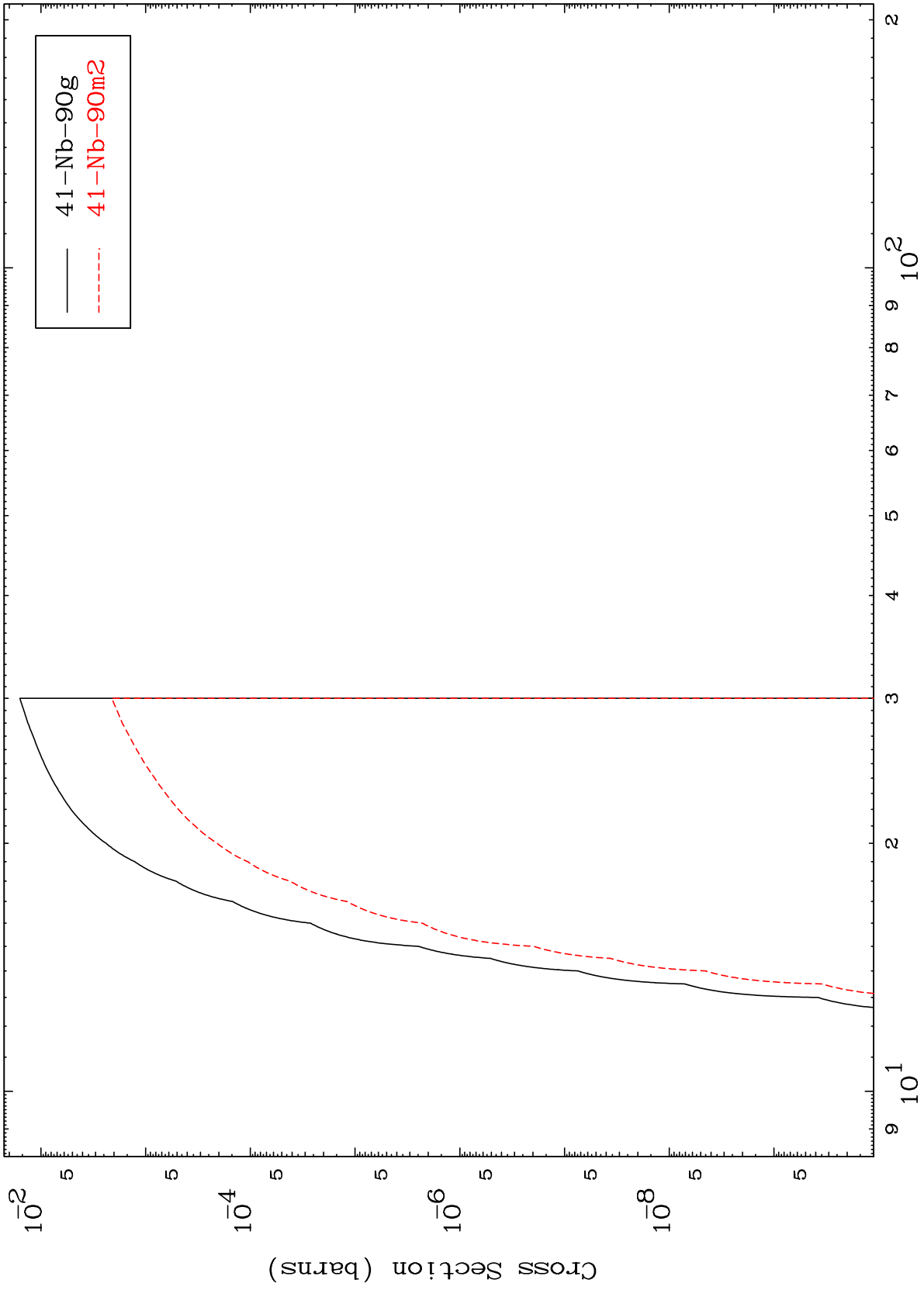
43-Tc-92

MAT 4304

(n,p) d

43-Tc-92

Radionuclide Production Cross Section



131

Incident Energy (MeV)

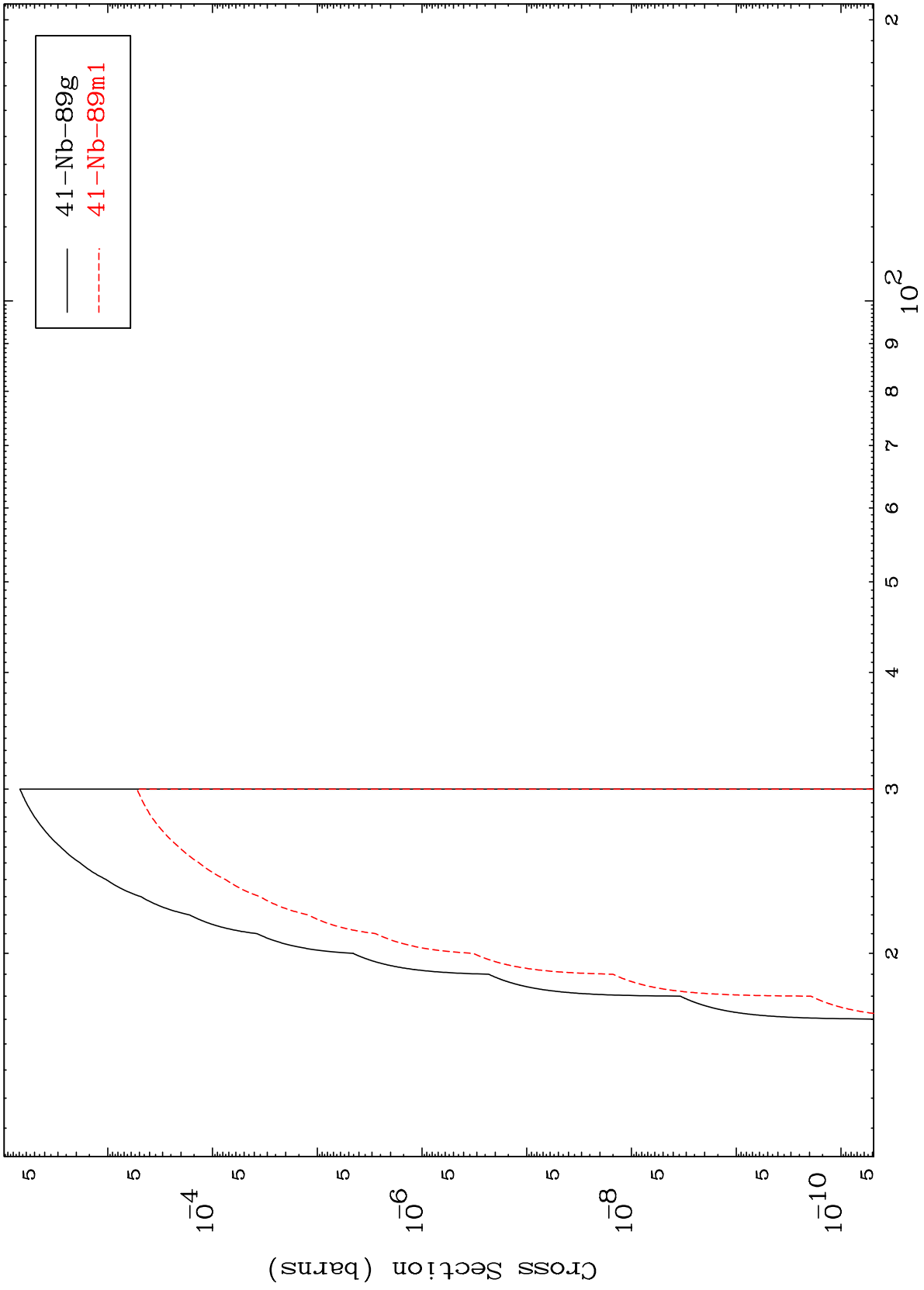
43-Tc-92

MAT 4304

(n,p) t

43-Tc-92

Radionuclide Production Cross Section



132

Incident Energy (MeV)

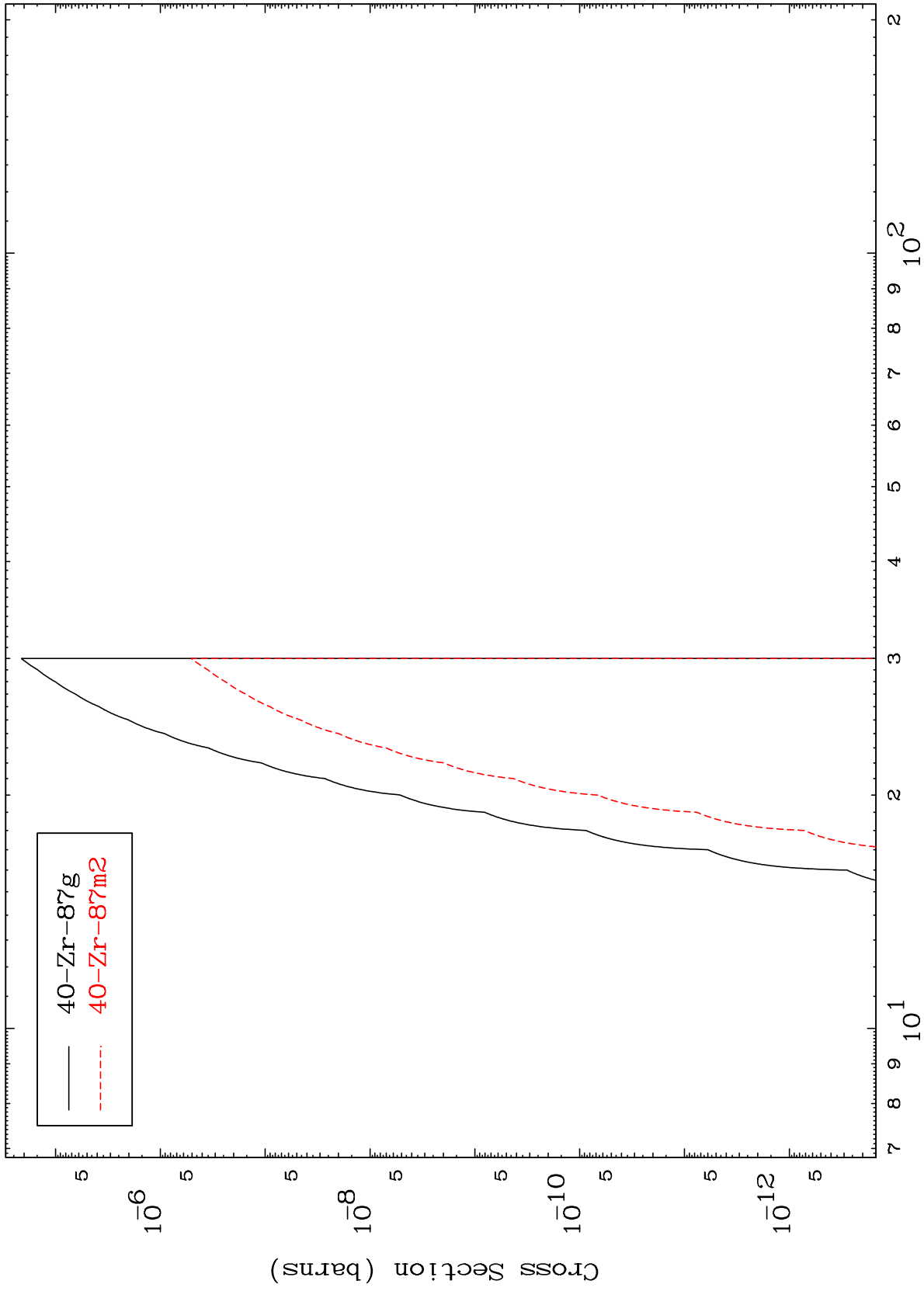
43-Tc-92

MAT 4304

(n,d)  $\alpha$

43-Tc-92

Radionuclide Production Cross Section



133

Incident Energy (MeV)

43-Tc-92