

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

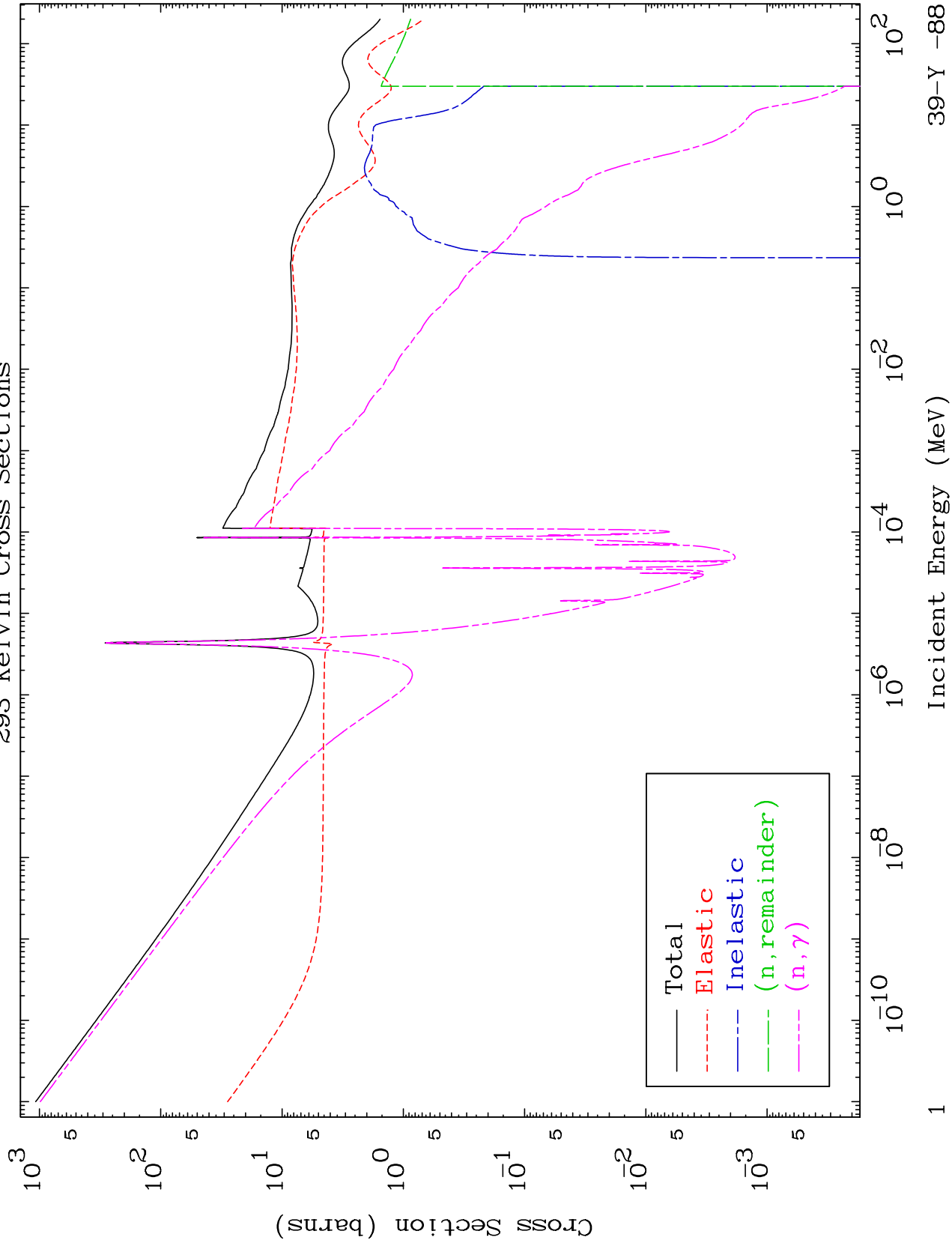
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Web:redcullen1.net/HOMEPAGE.NEW

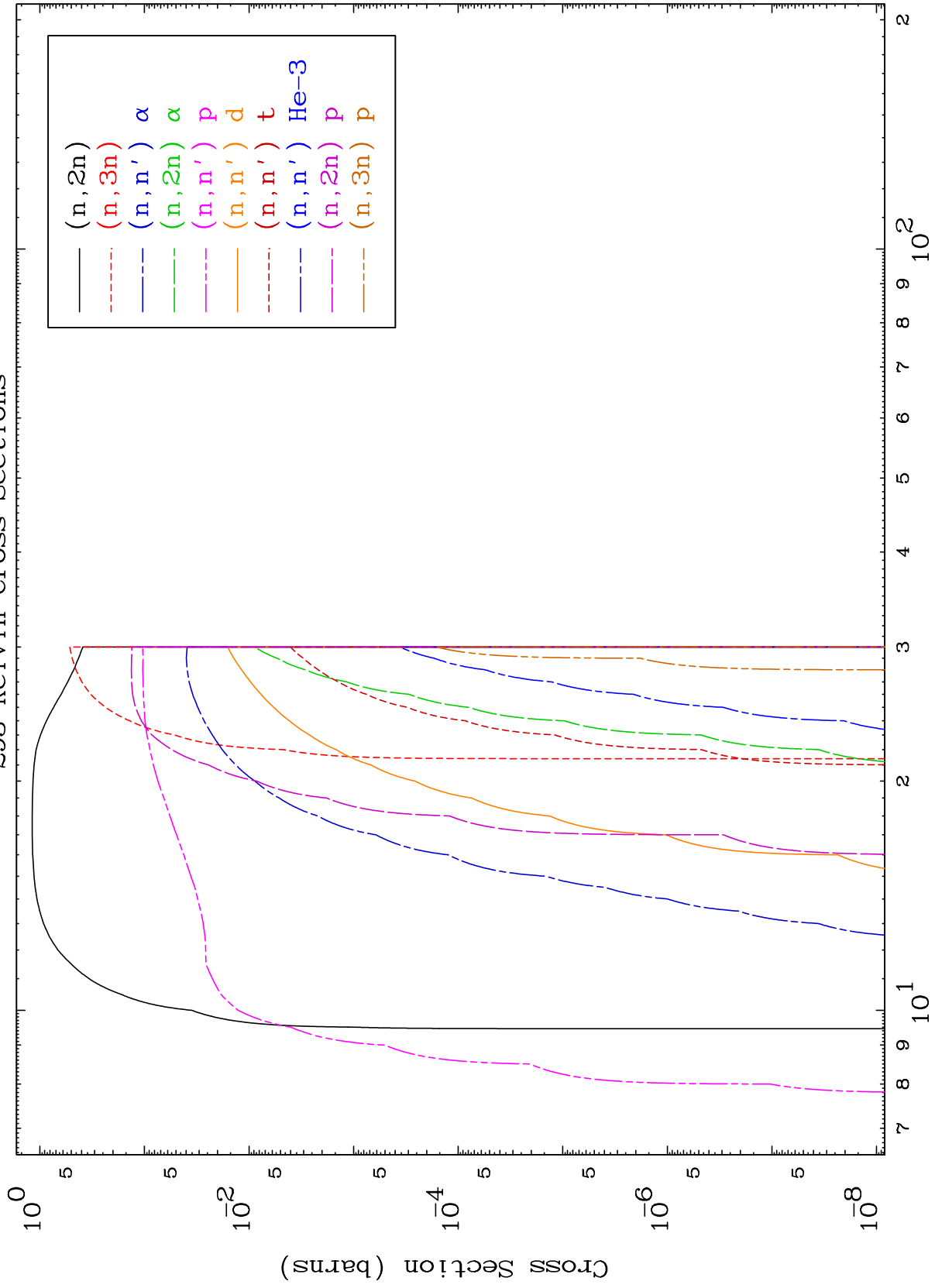
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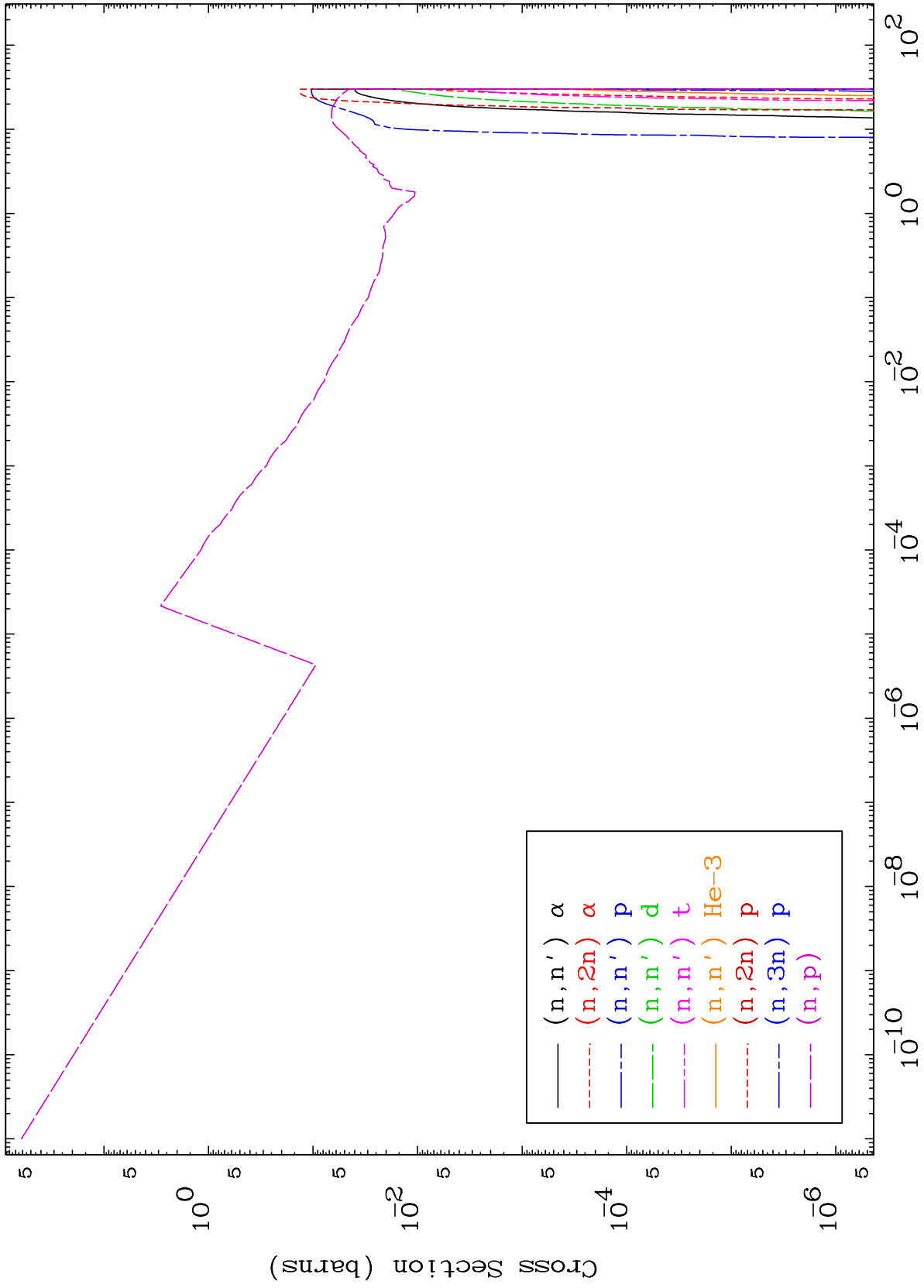
MAT 3922

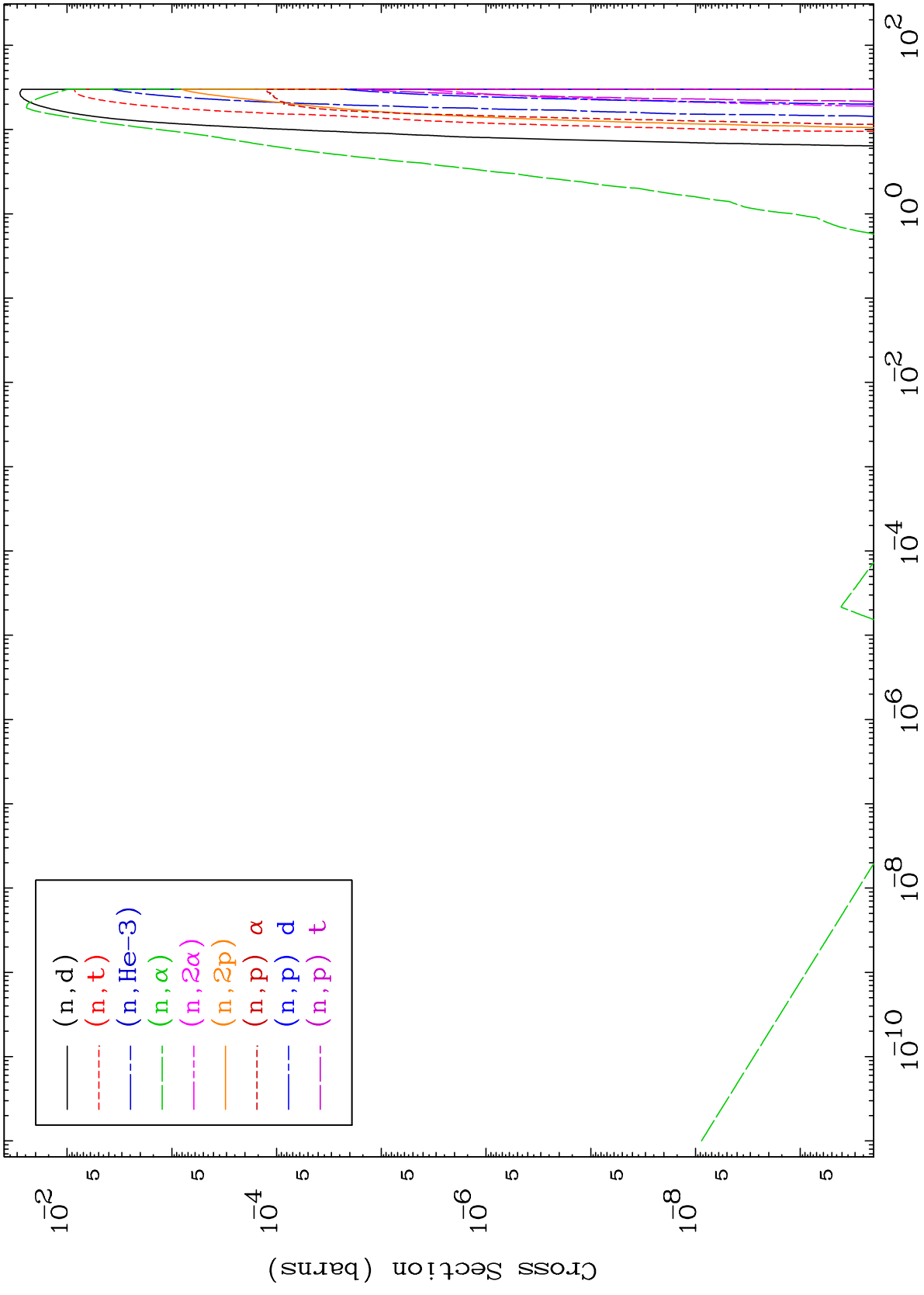
Major
293 Kelvin Cross Sections

39-Y -88





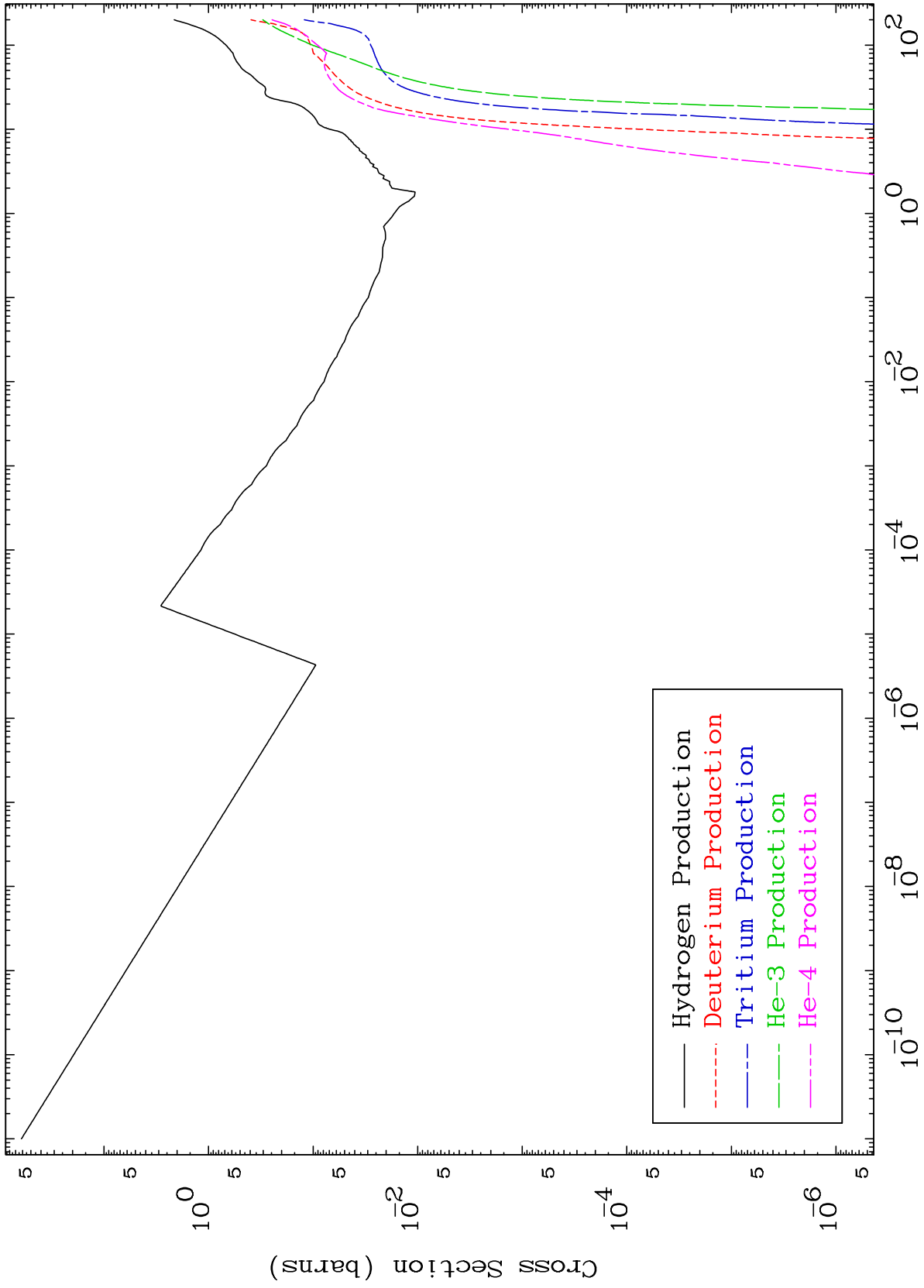




MAT 3922

Particle Production
293 Kelvin Cross Sections

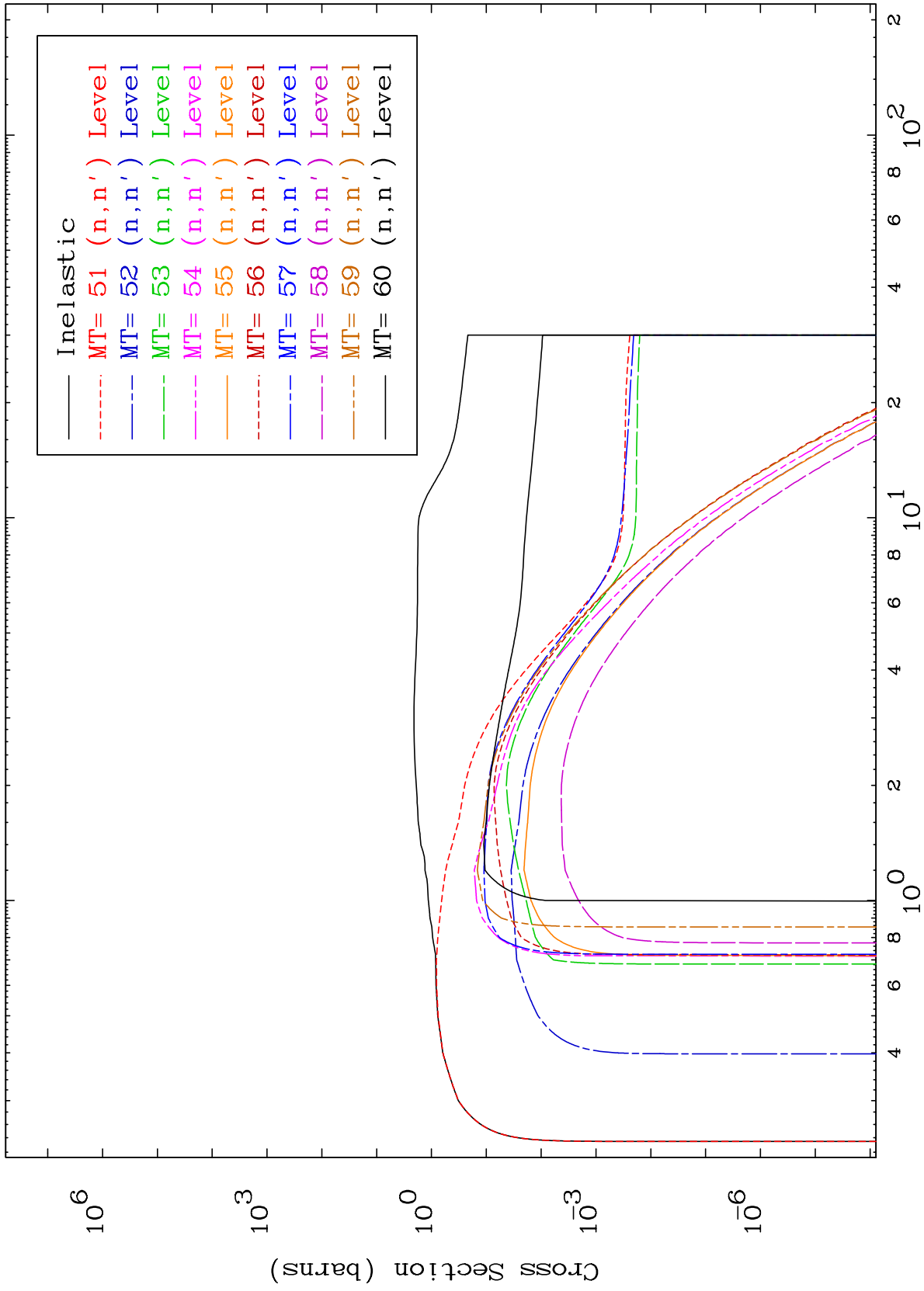
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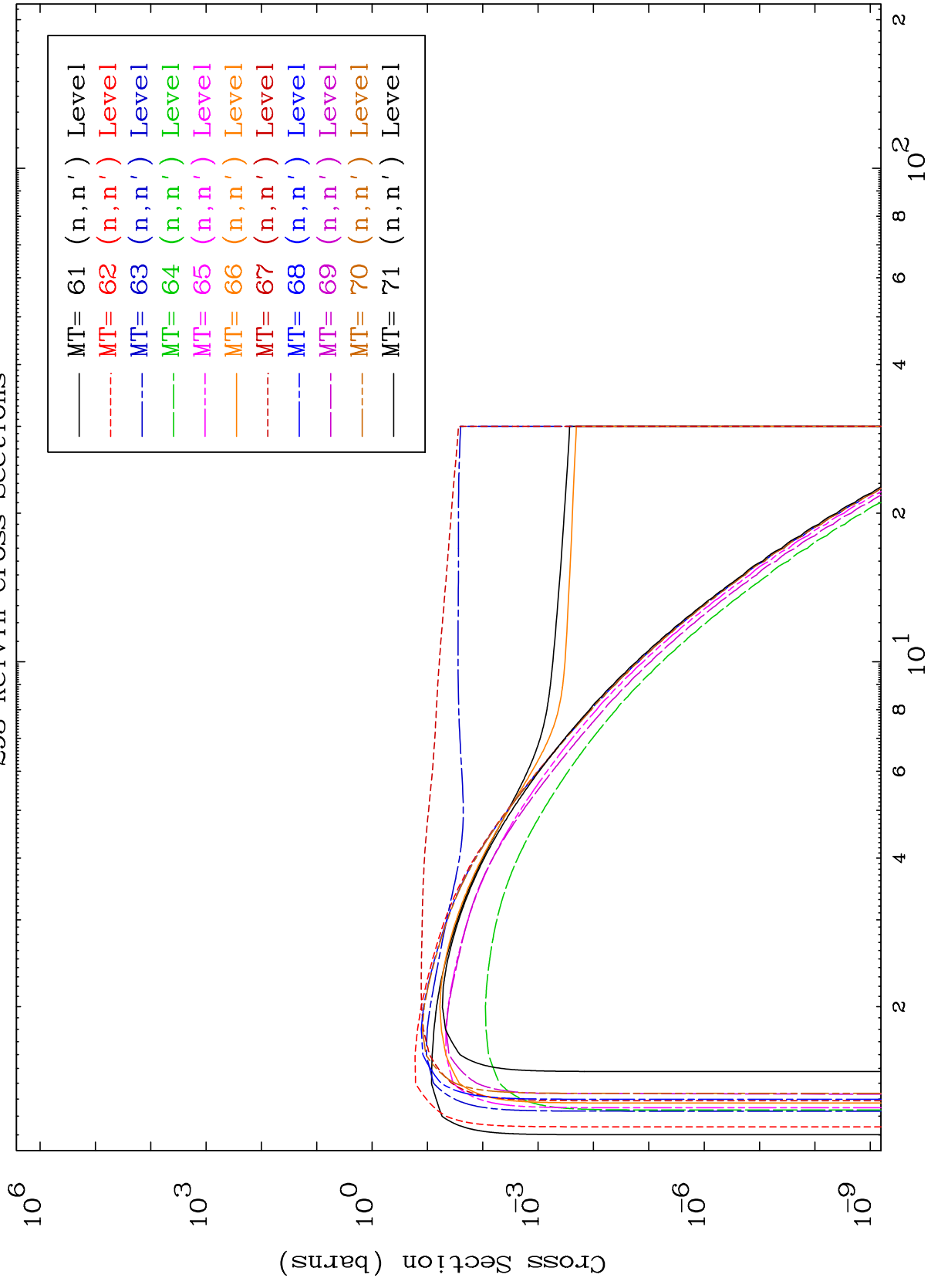


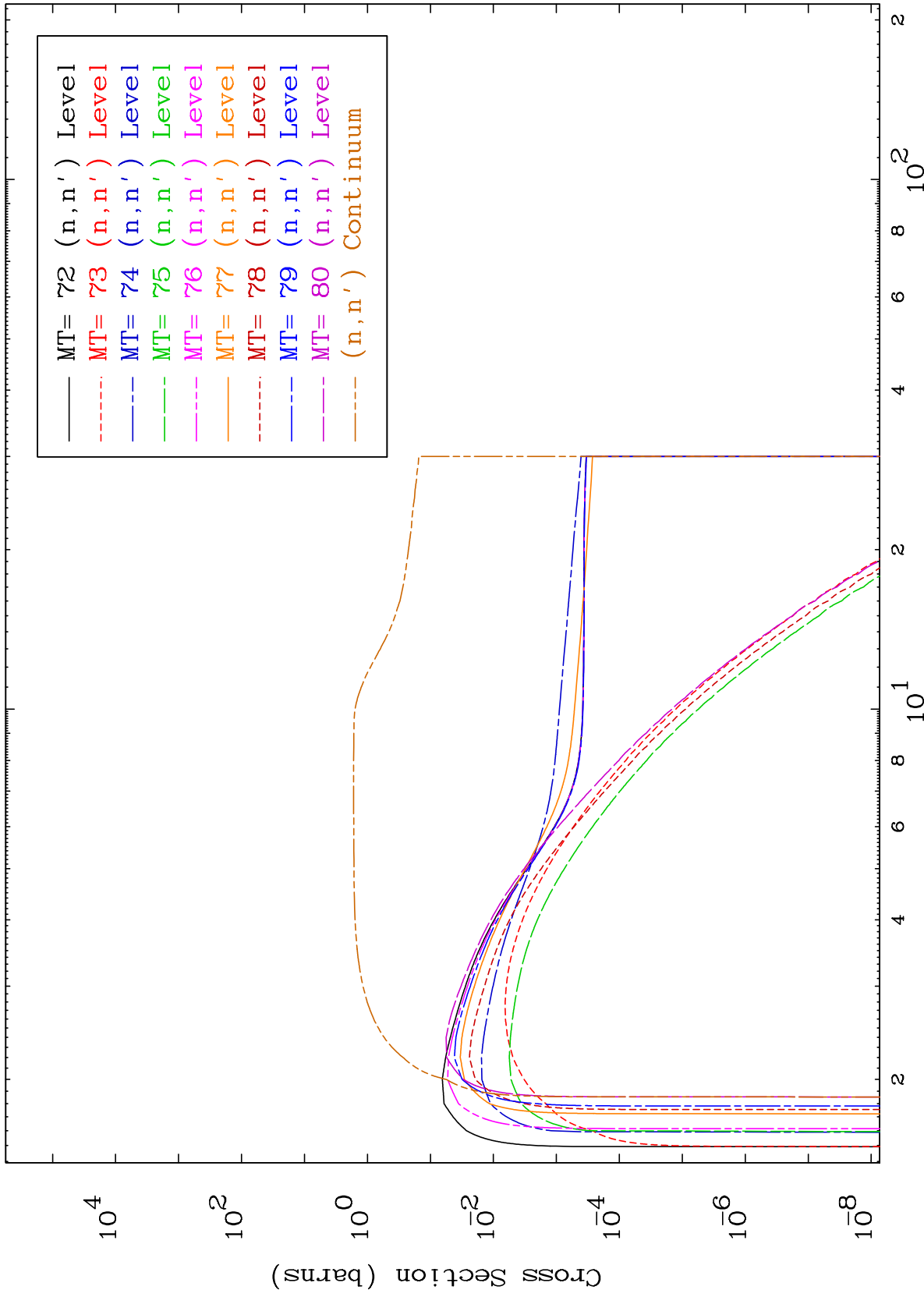
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Incident Energy (MeV)

39-Y -88



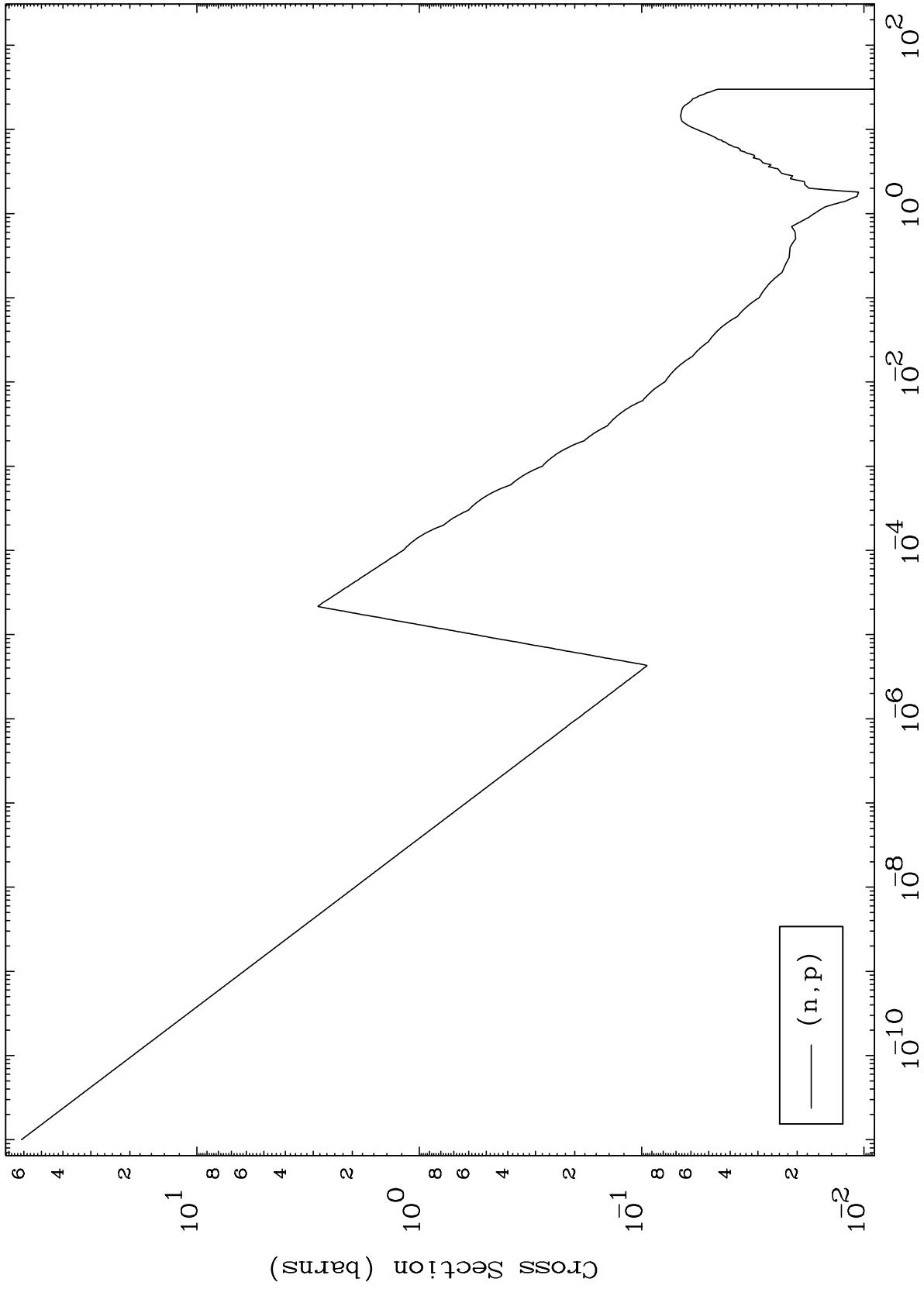




MAT 3922

(n,p) Levels
293 Kelvin Cross Sections

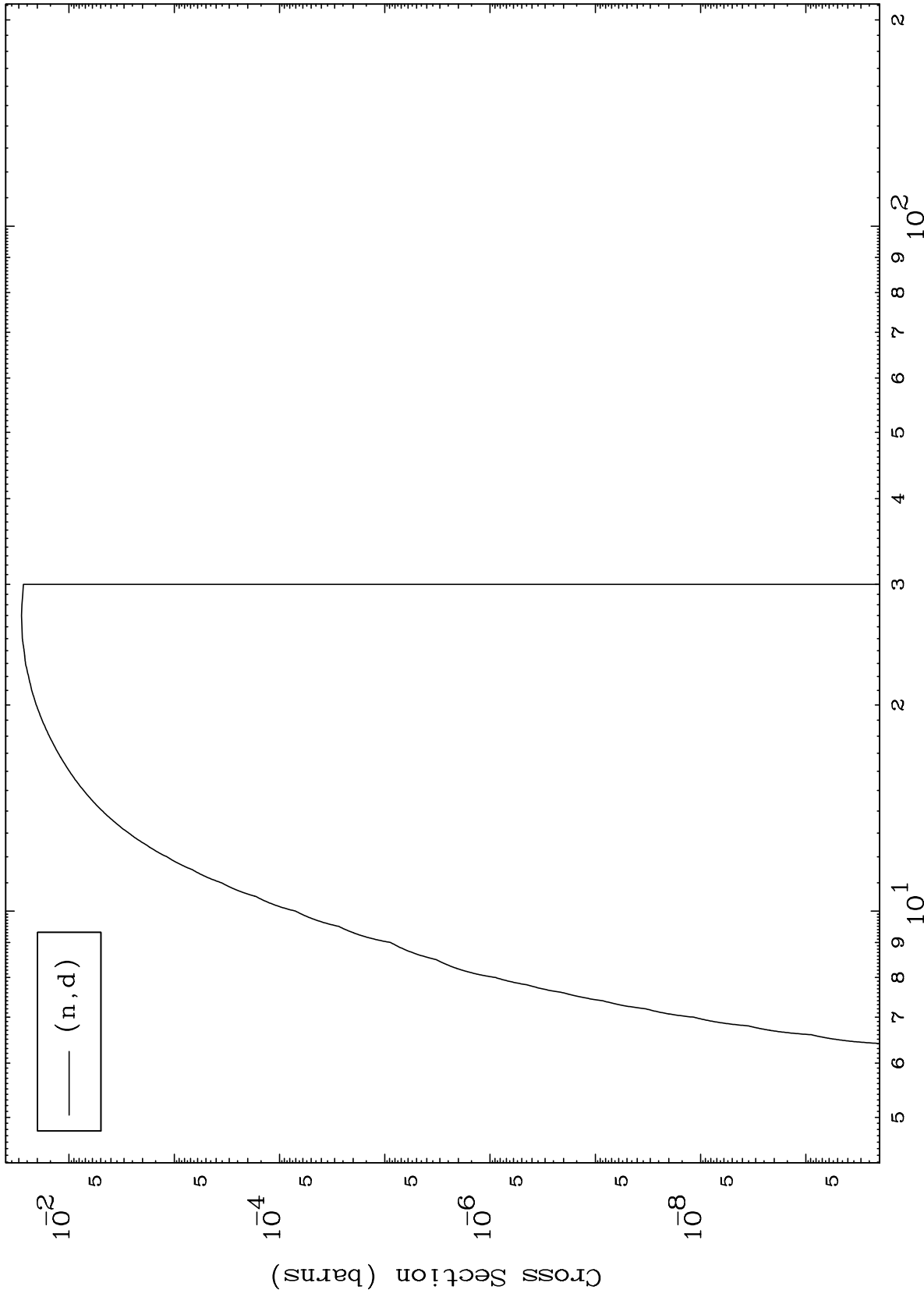
39-Y -88



MAT 3922

(n,d) Levels
293 Kelvin Cross Sections

39-Y -88



10

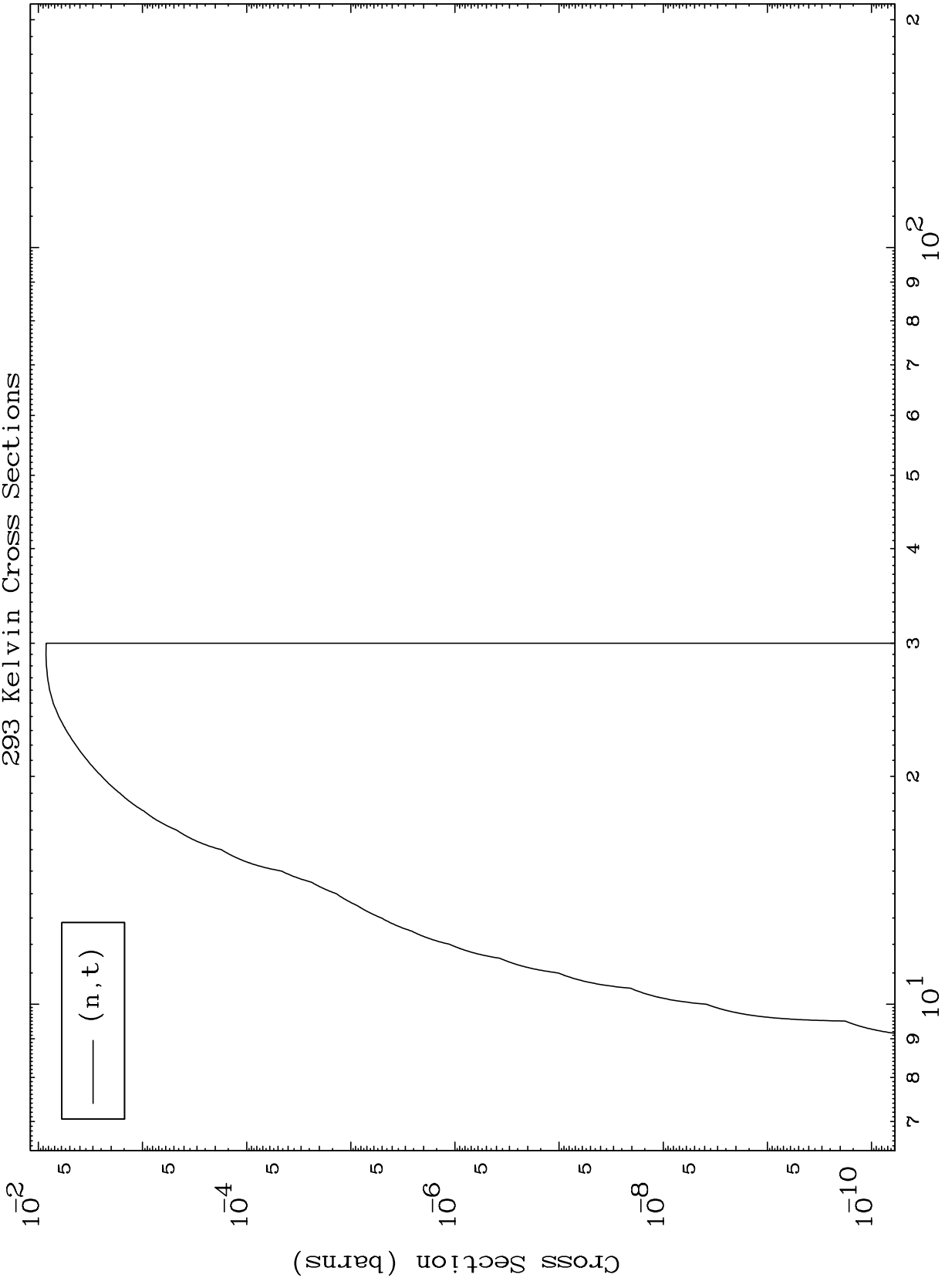
Incident Energy (MeV)

39-Y -88

MAT 3922

(n,t) Levels
293 Kelvin Cross Sections

39-Y -88



11

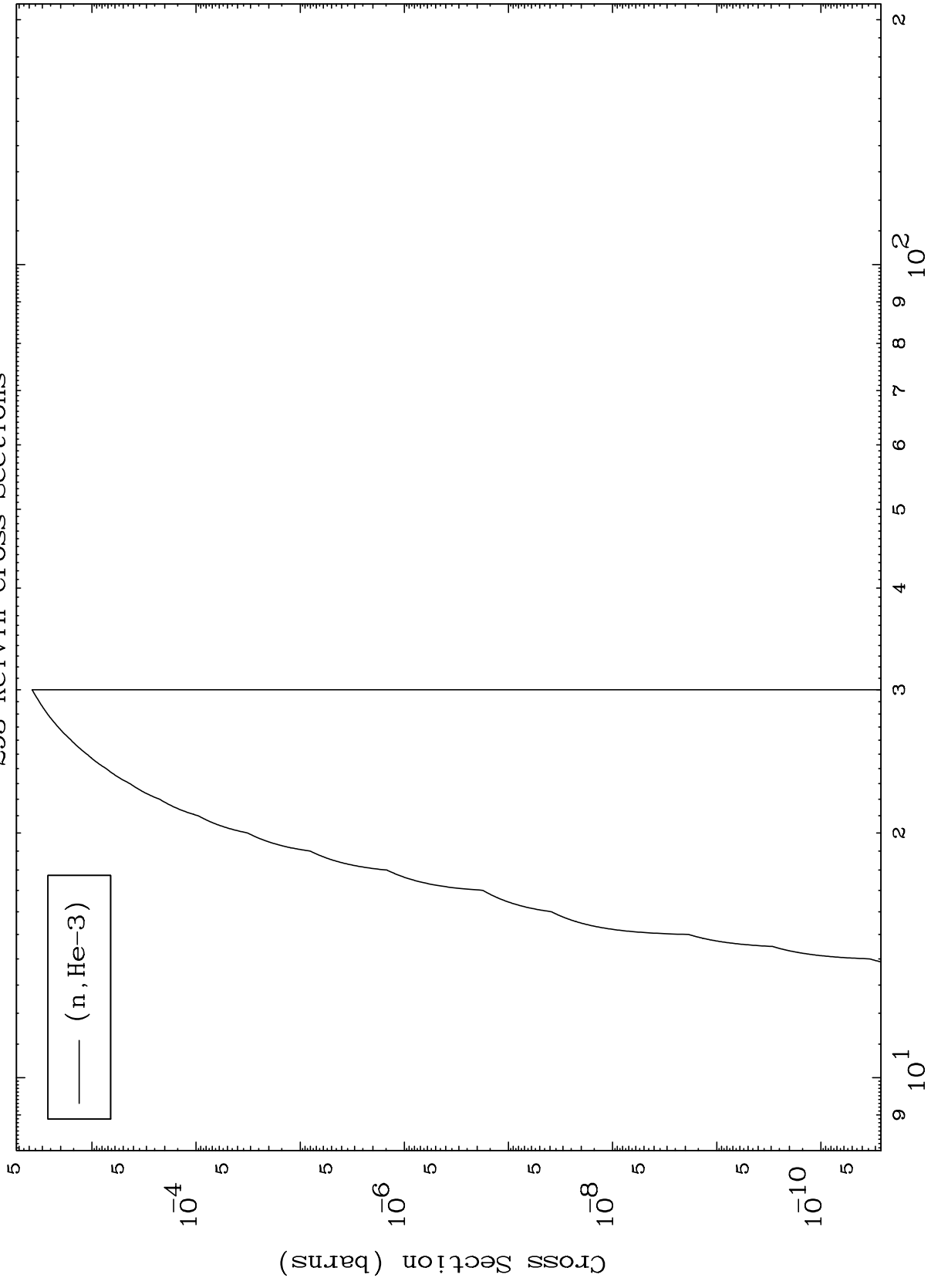
Incident Energy (MeV)

39-Y -88

MAT 3922

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -88



12

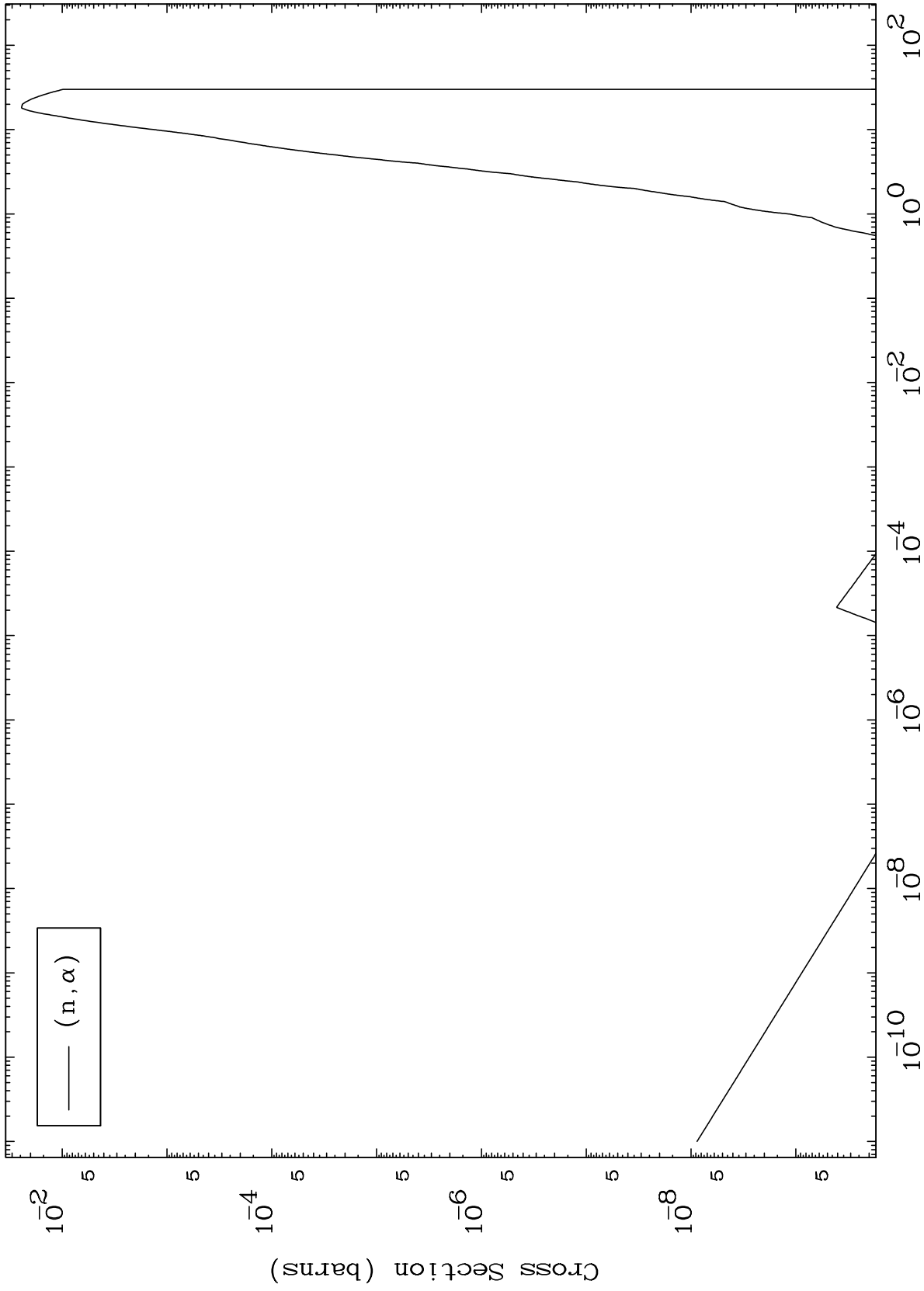
Incident Energy (MeV)

39-Y -88

MAT 3922

(n, α) Levels
293 Kelvin Cross Sections

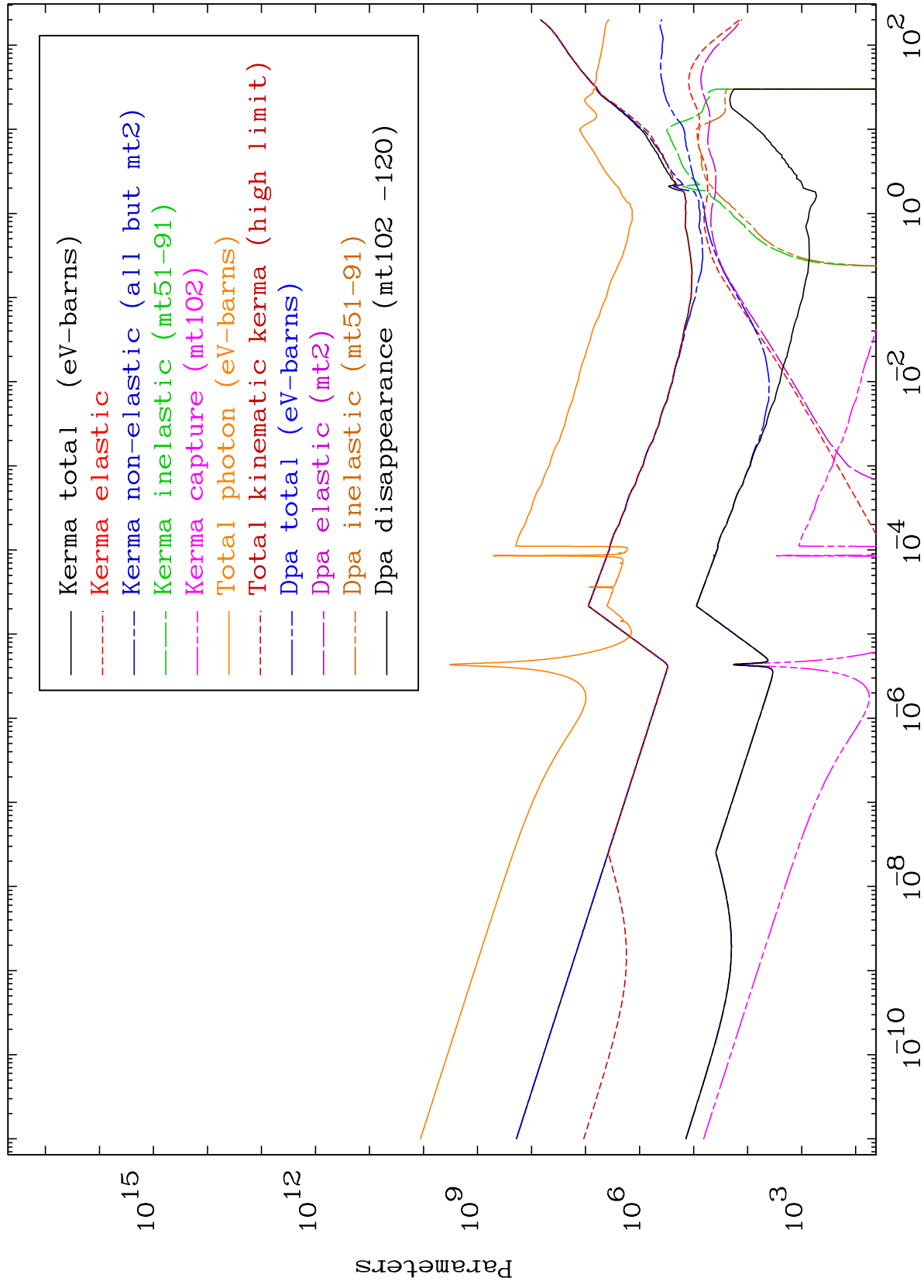
39-Y -88



13

Incident Energy (MeV)

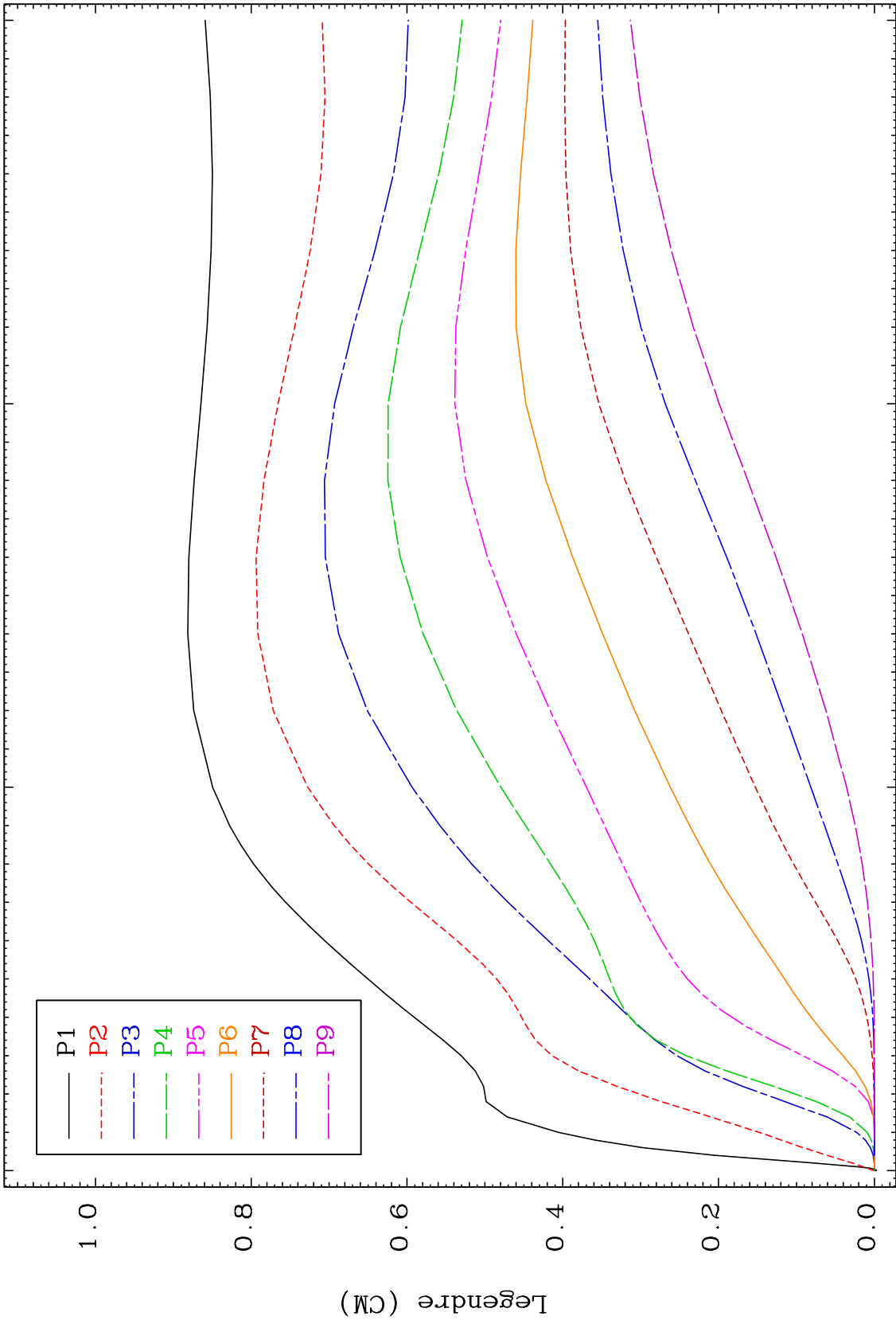
39-Y -88



MAT 3922

Elastic Legendre Coefficients

39-Y -88



0

15

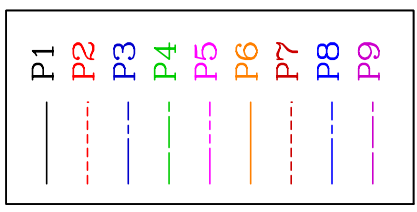
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20

30

Incident Energy (MeV)

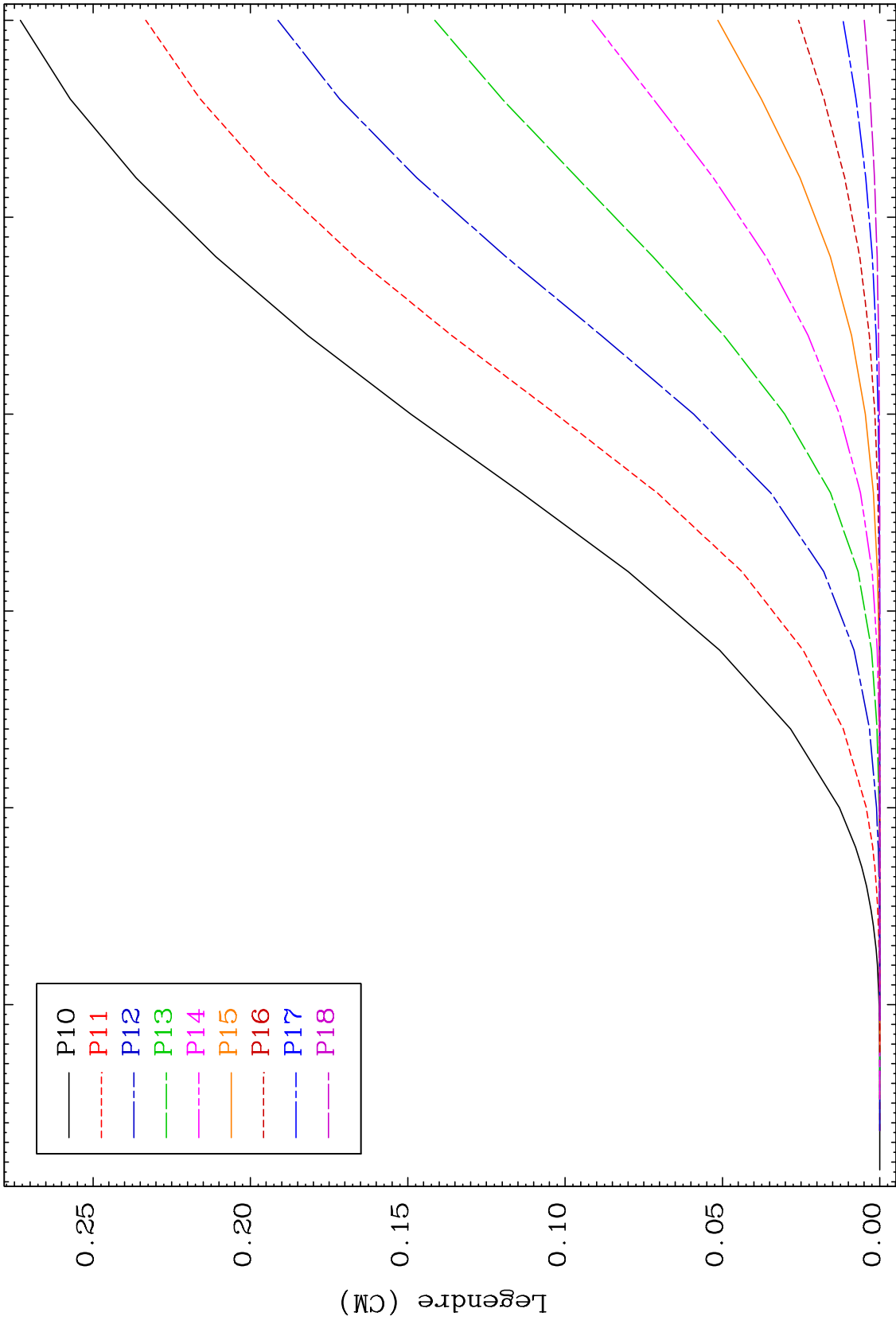
39-Y -88



MAT 3922

Elastic Legendre Coefficients

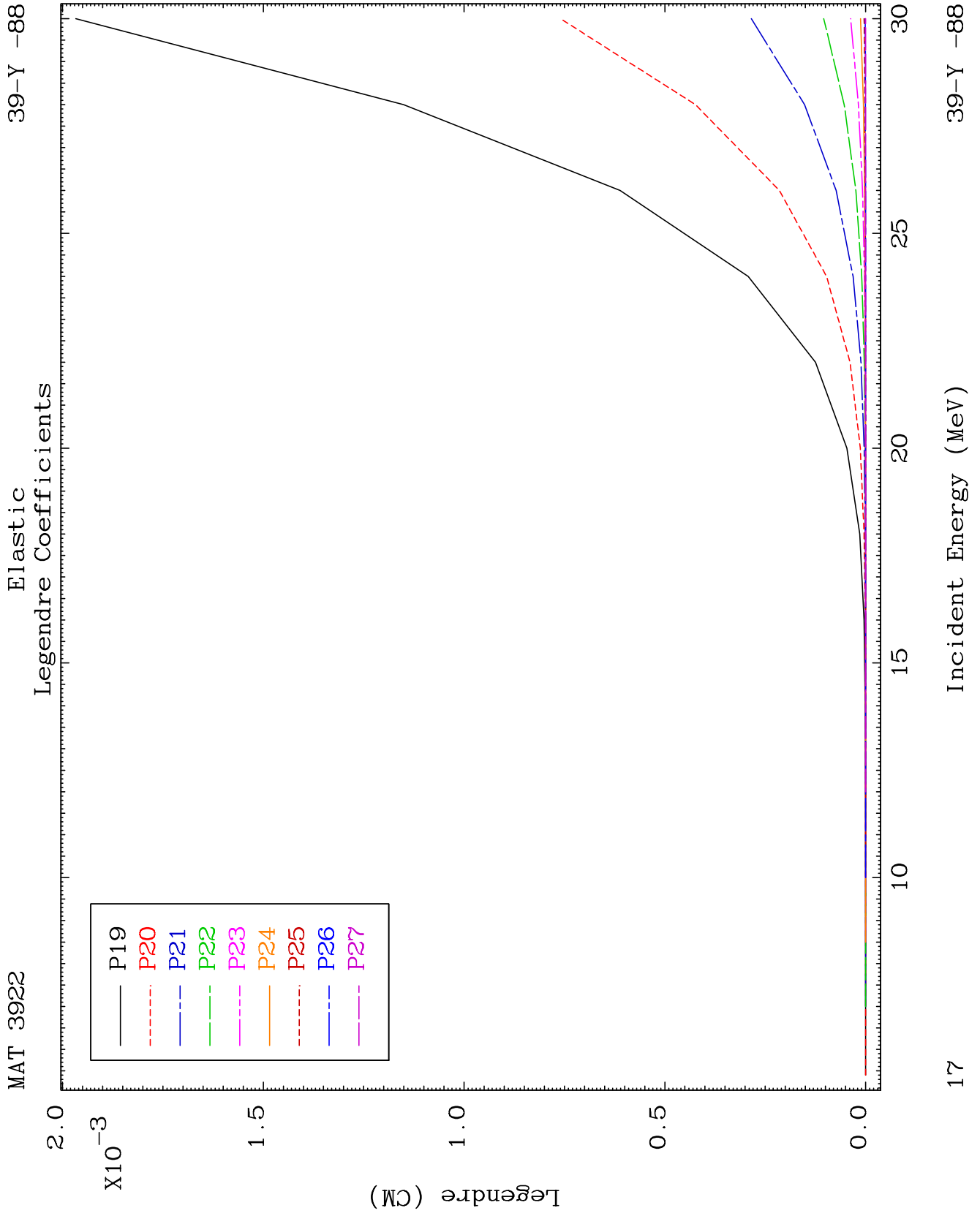
39-Y -88



16

Incident Energy (MeV)

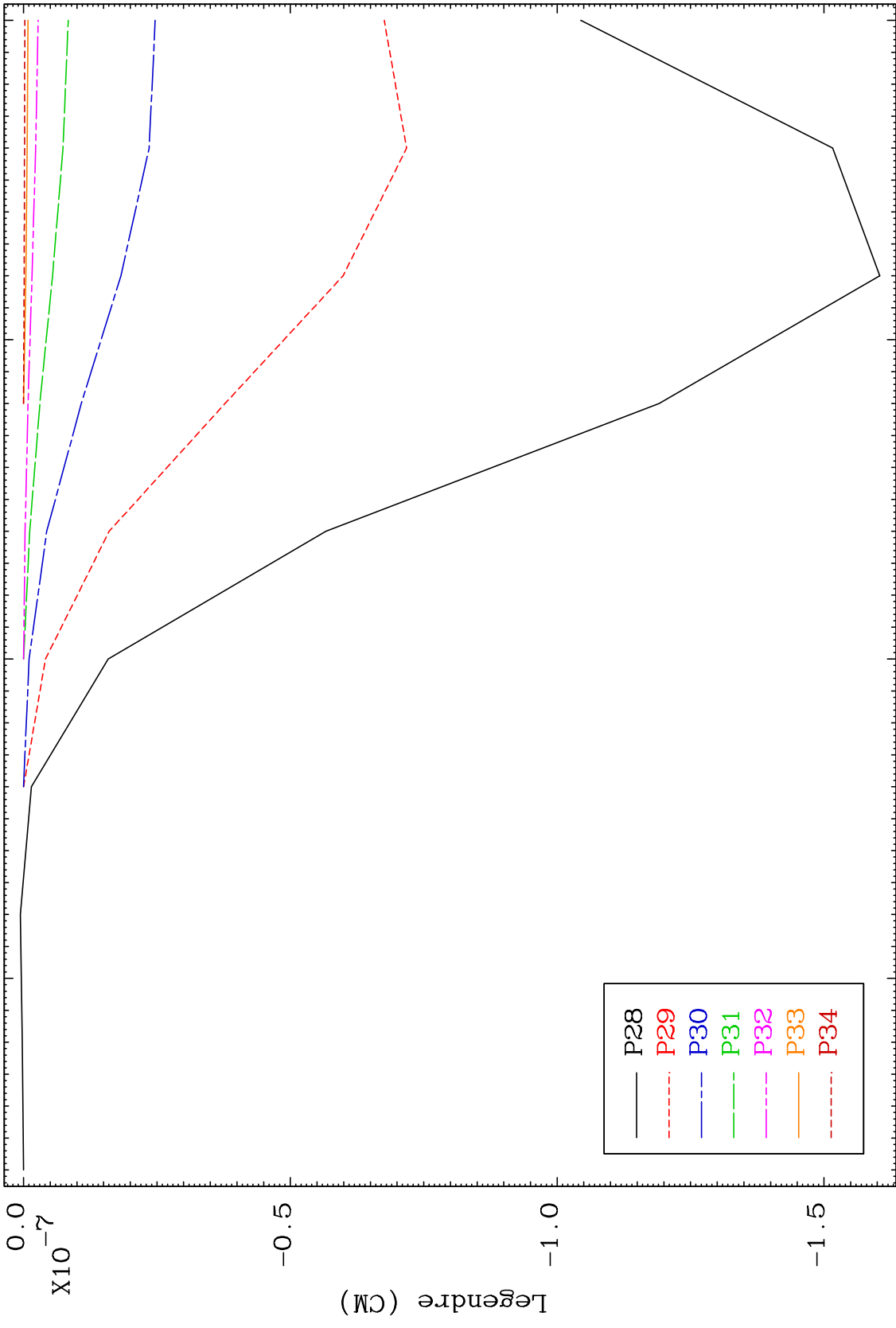
39-Y -88



MAT 3922

39-Y -88

Elastic Legendre Coefficients



18

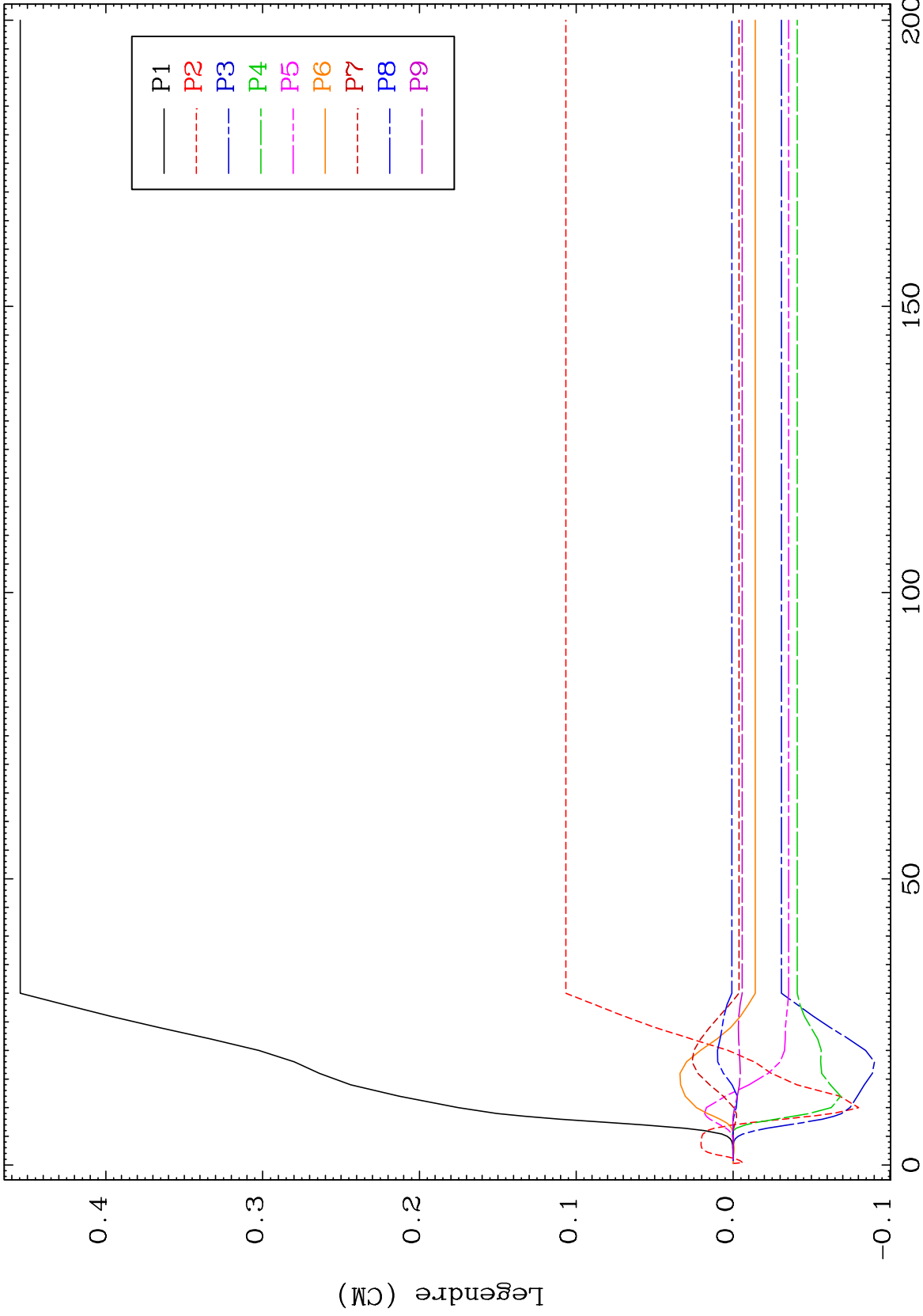
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88

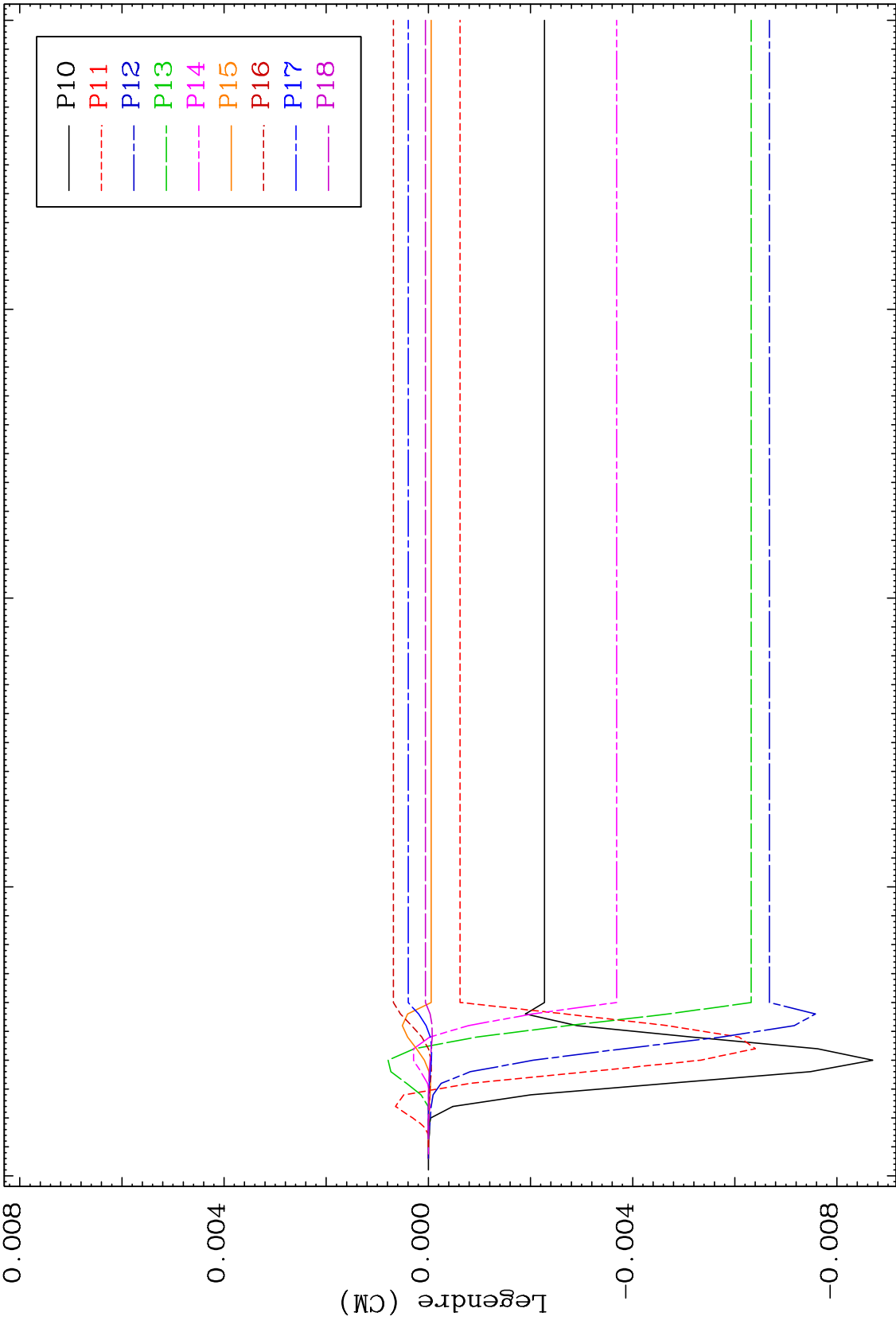


19

Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 51 (n,n') Level Legendre Coefficients 39-Y -88

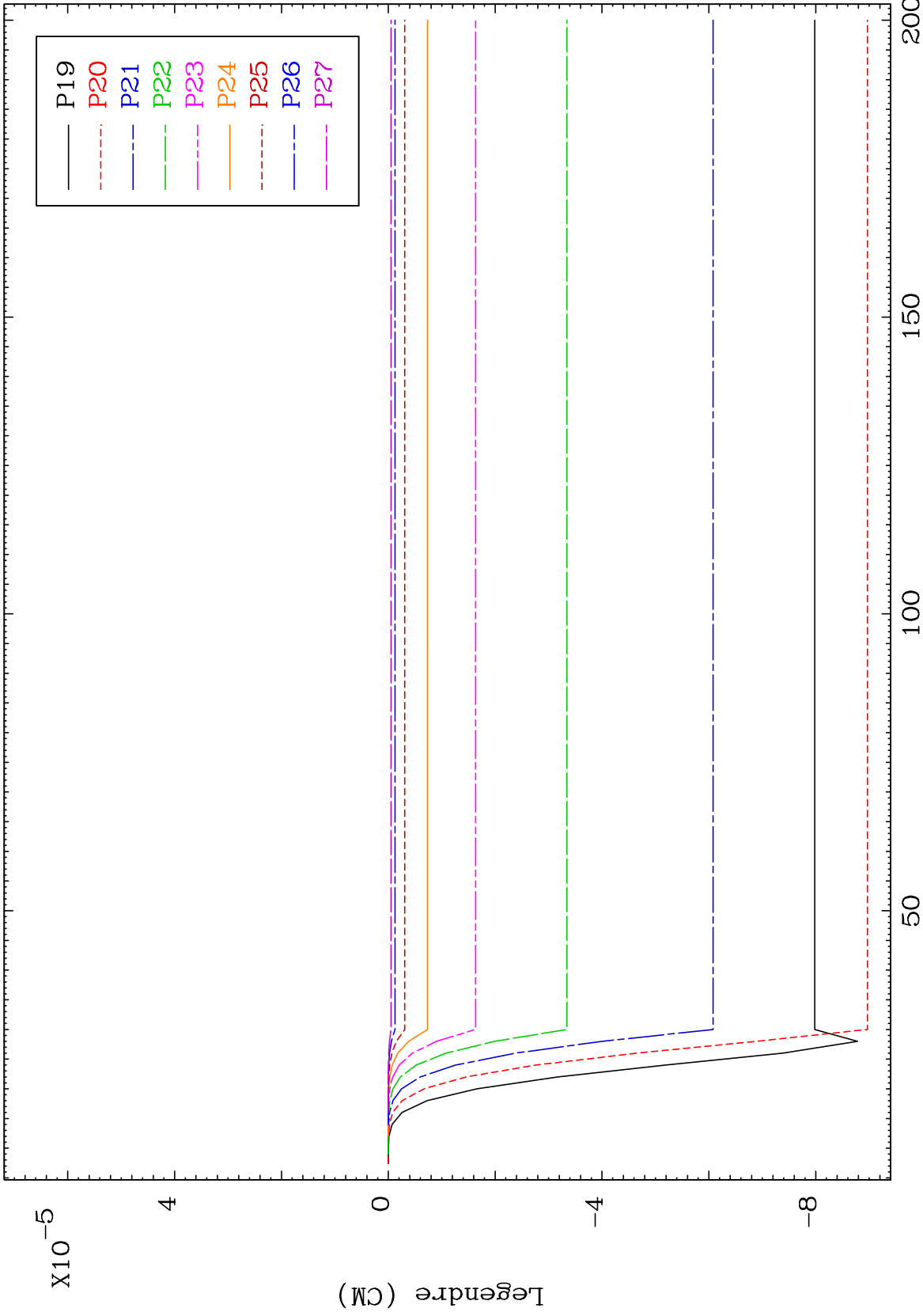


39-Y -88

MAT 3922

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

39-Y -88



21

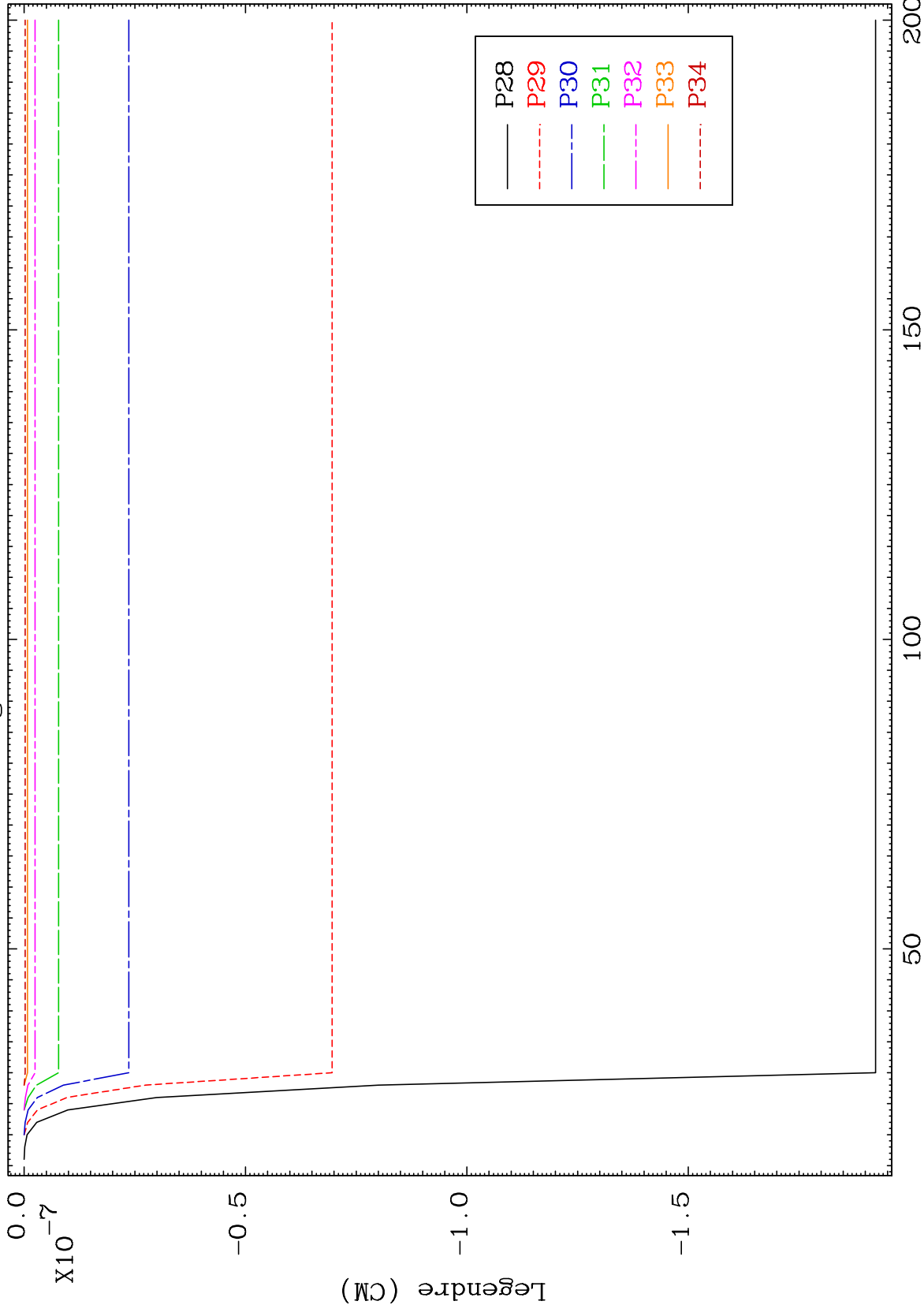
Incident Energy (MeV)

39-Y -88

MAT 3922

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

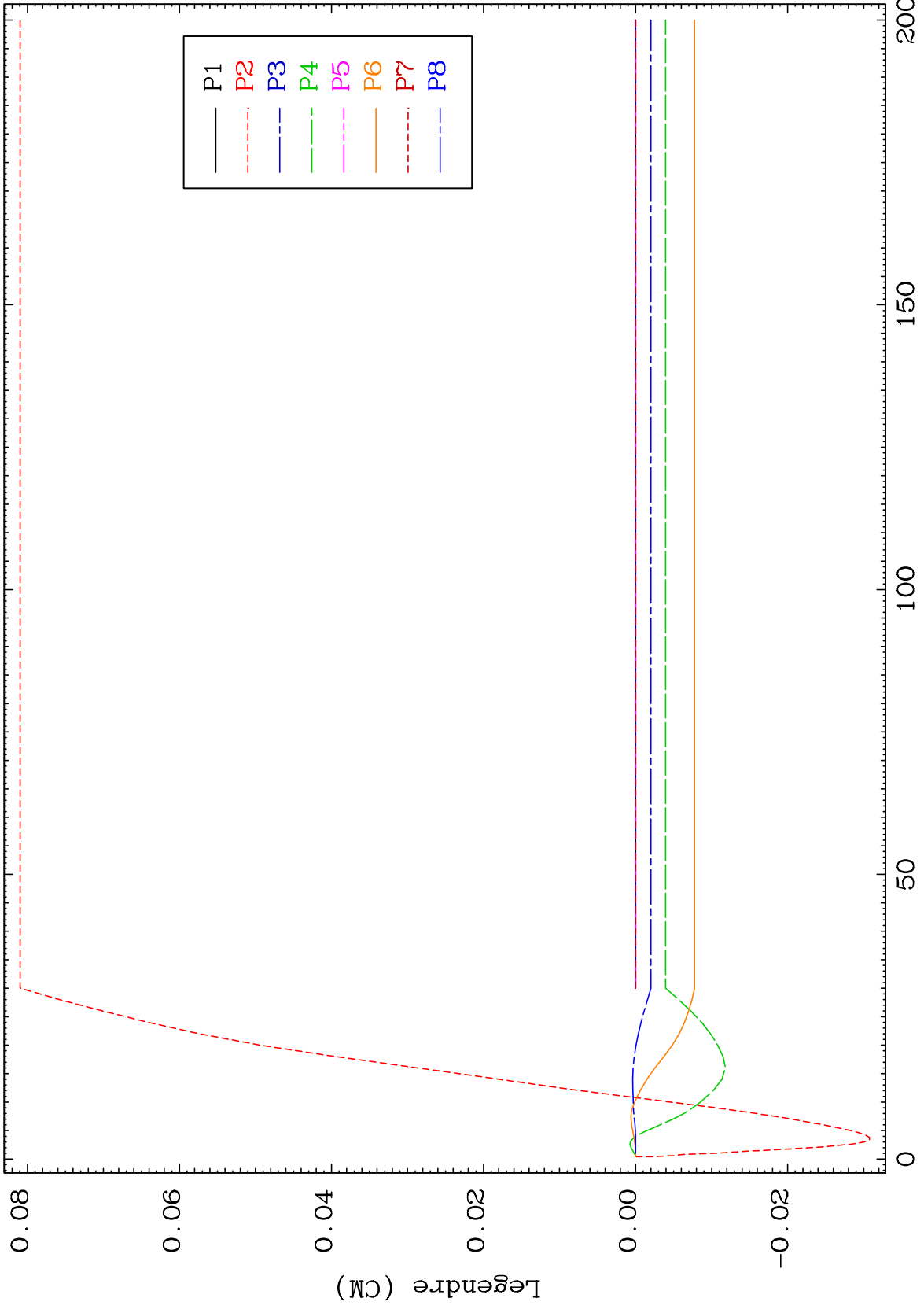
39-Y -88



22

39-Y -88

MAT 3922 MT= 52 (n,n') Level Legendre Coefficients 39-Y -88

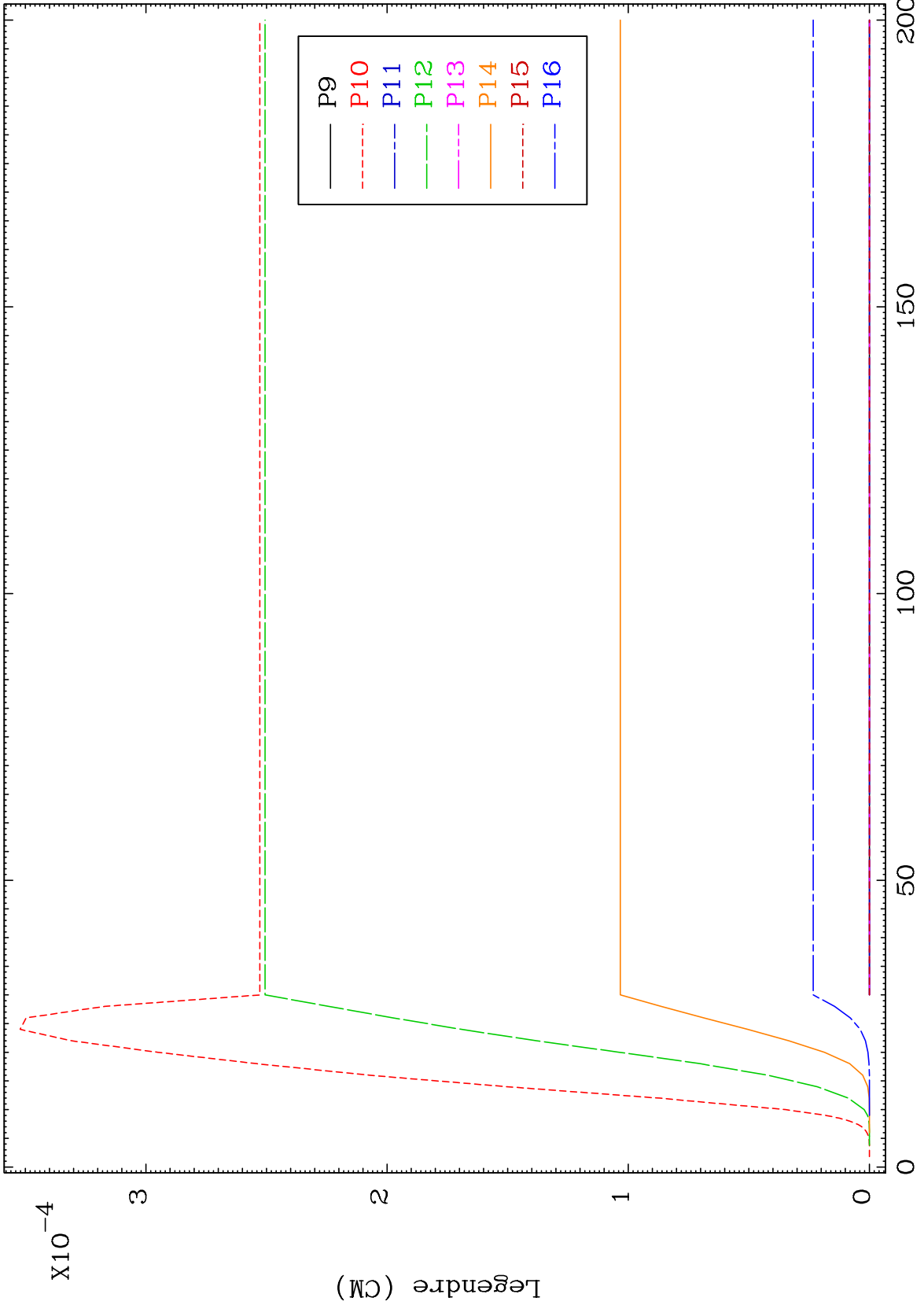


23 39-Y -88

MAT 3922

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

39-Y -88



24

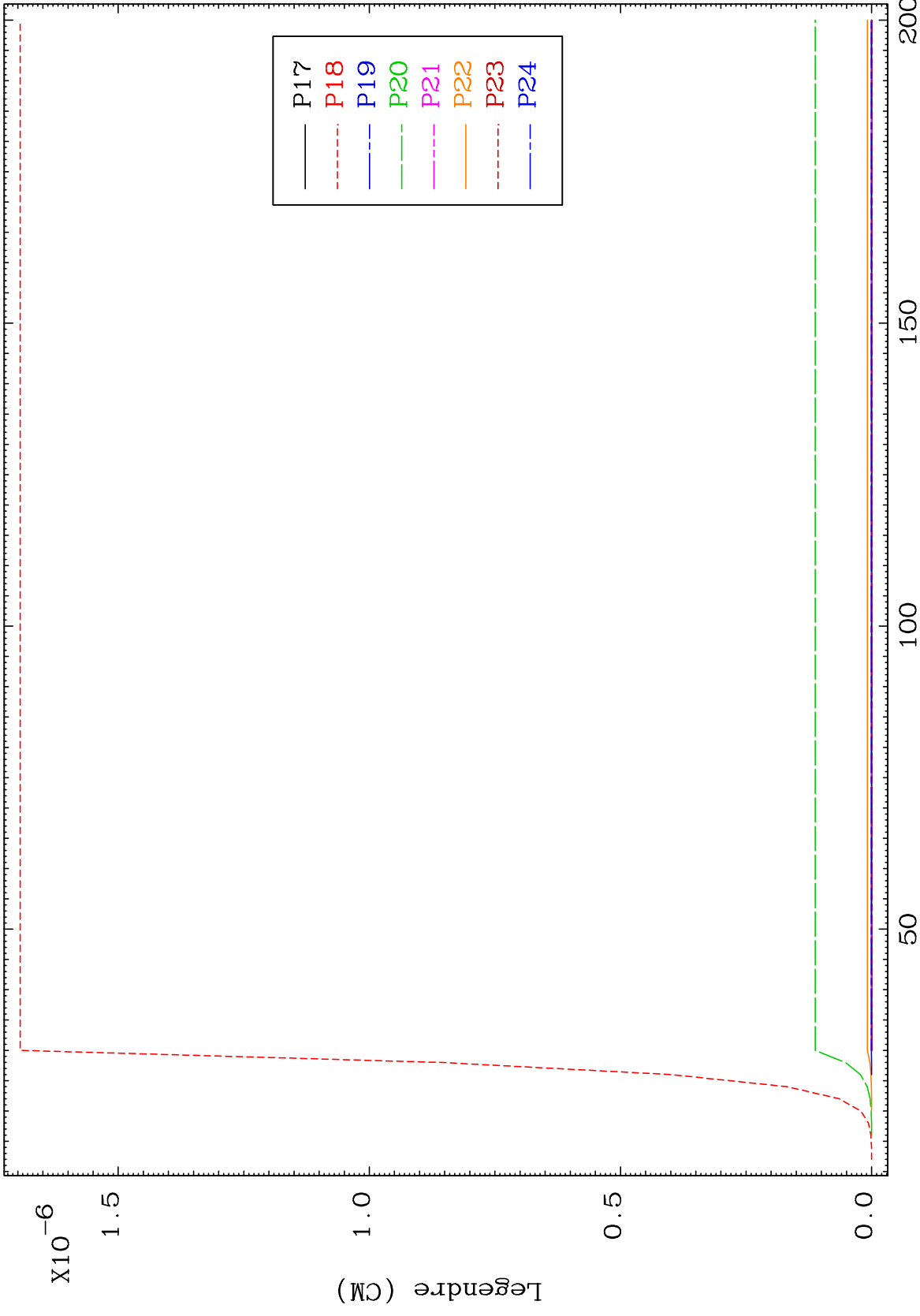
Incident Energy (MeV)

39-Y -88

MAT 3922

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

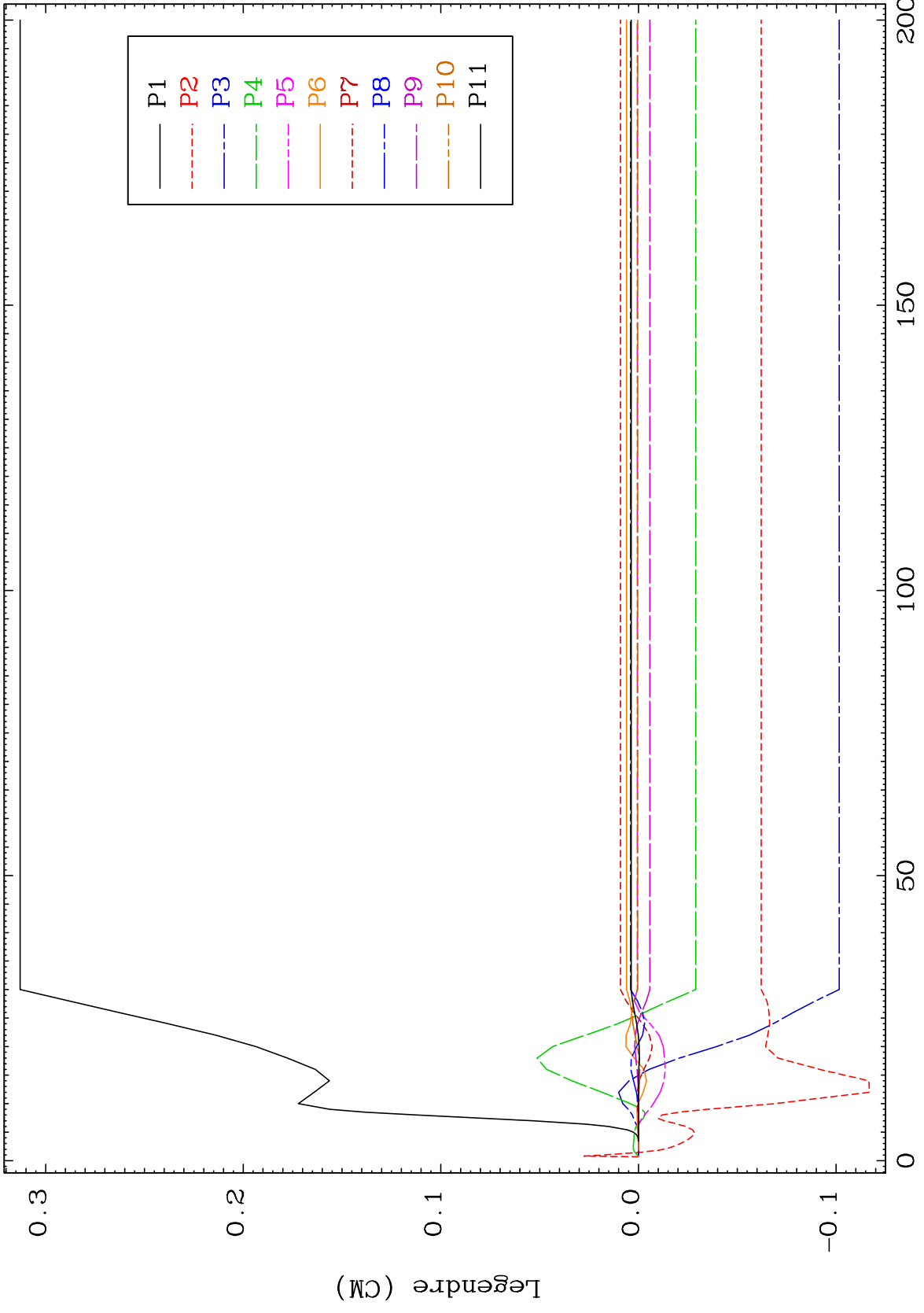
39-Y -88

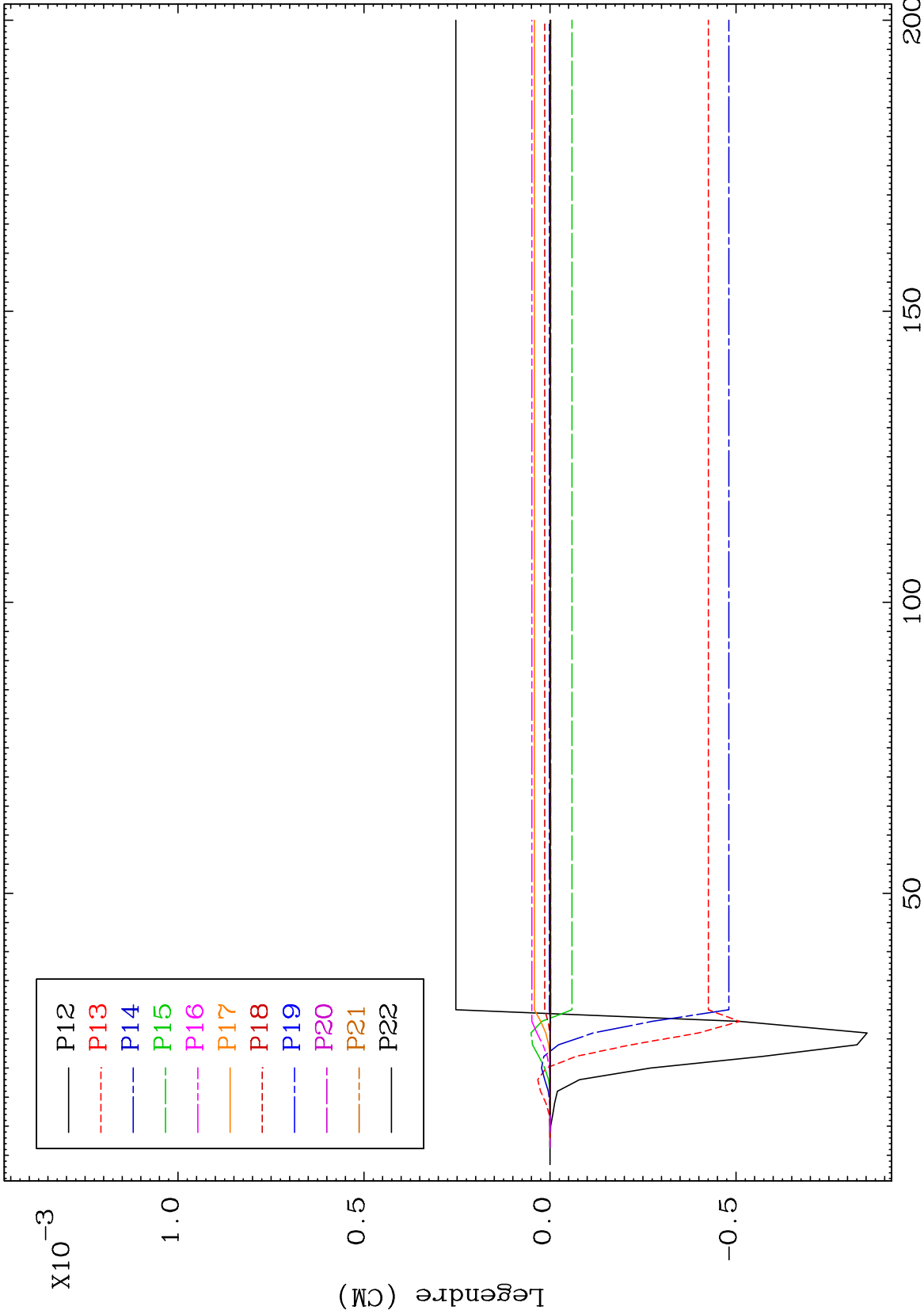


39-Y -88

Incident Energy (MeV)

25

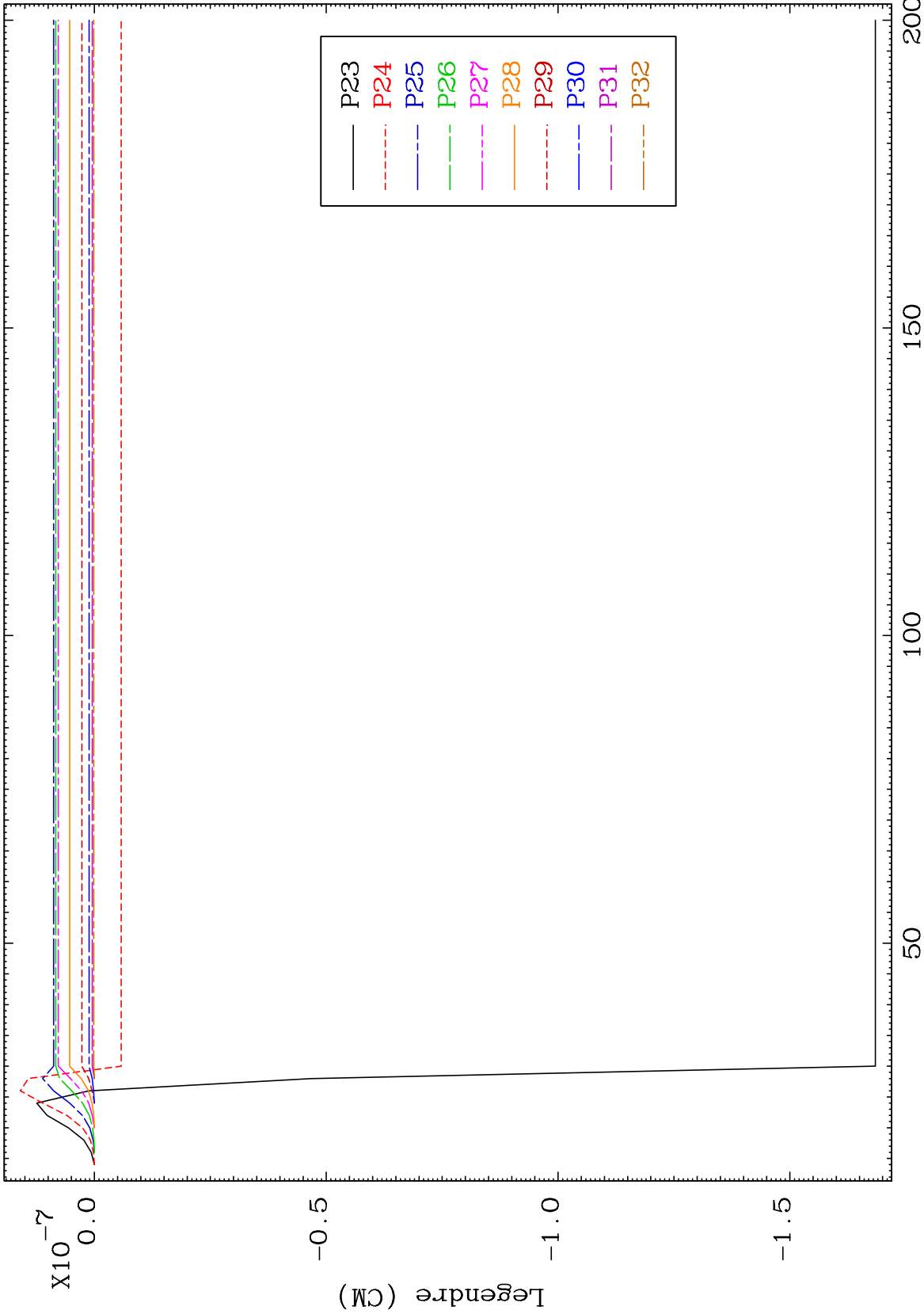




MAT 3922

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

39-Y -88



39-Y -88

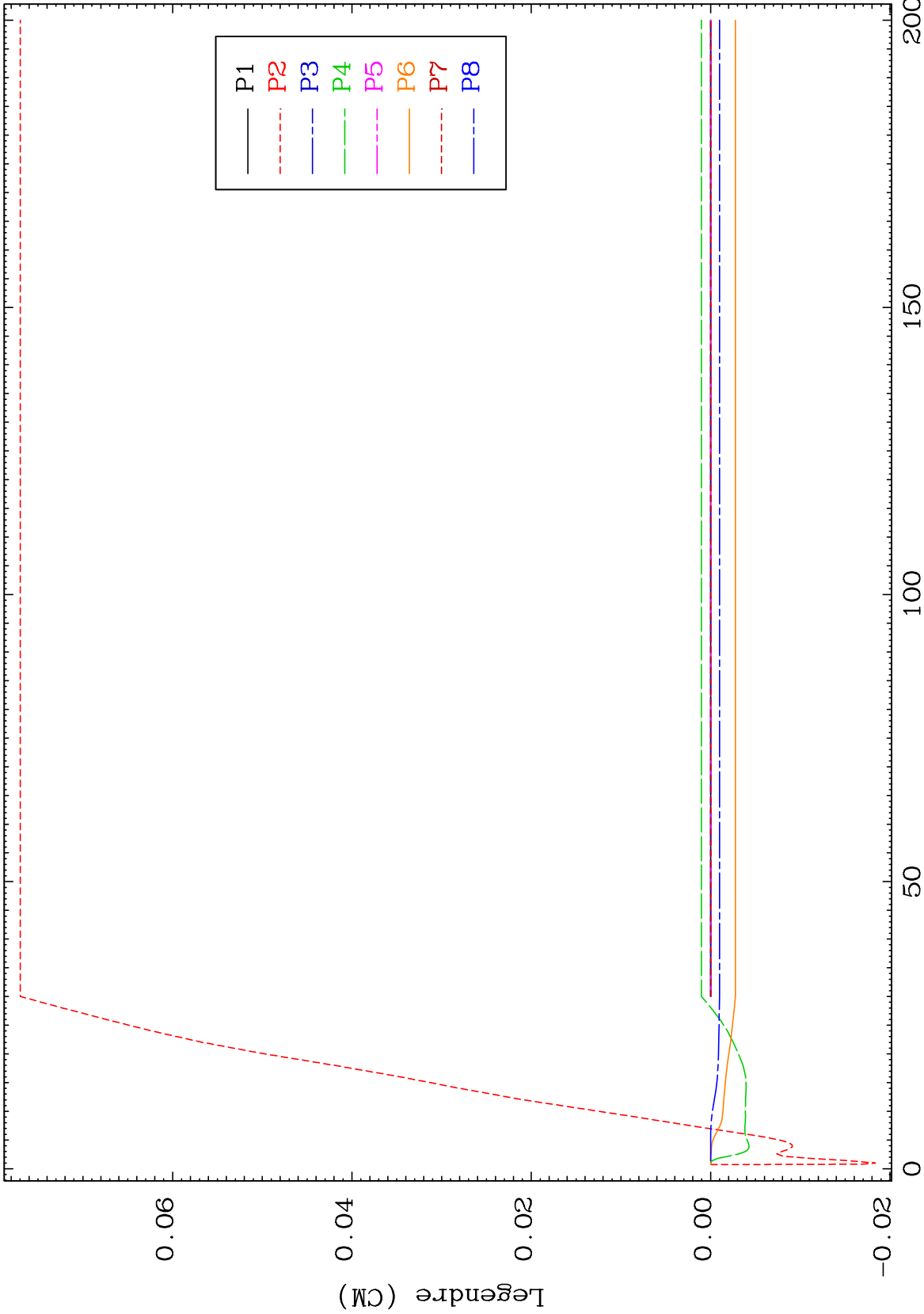
Incident Energy (MeV)

28

MAT 3922

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

39-Y -88



29

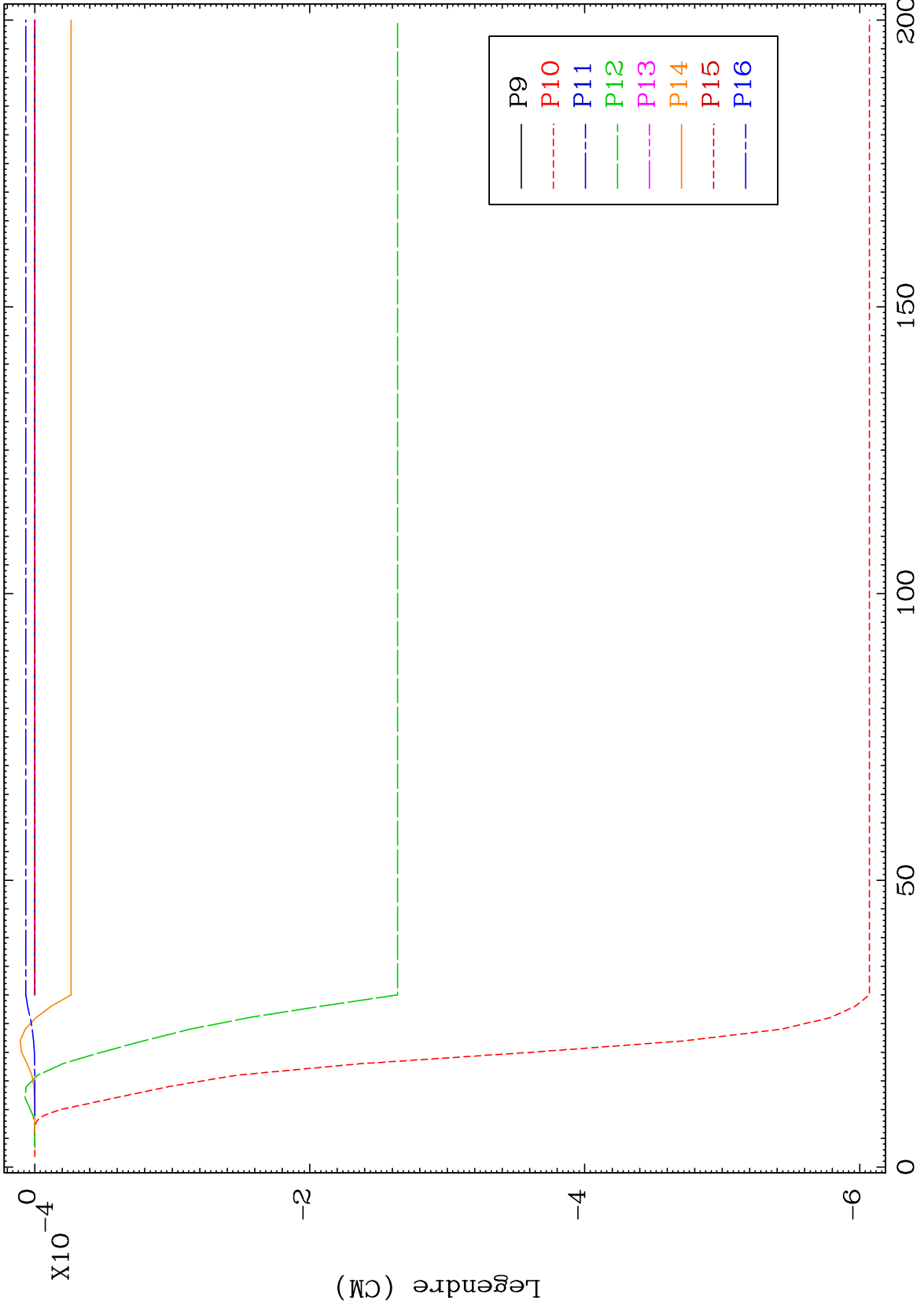
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88

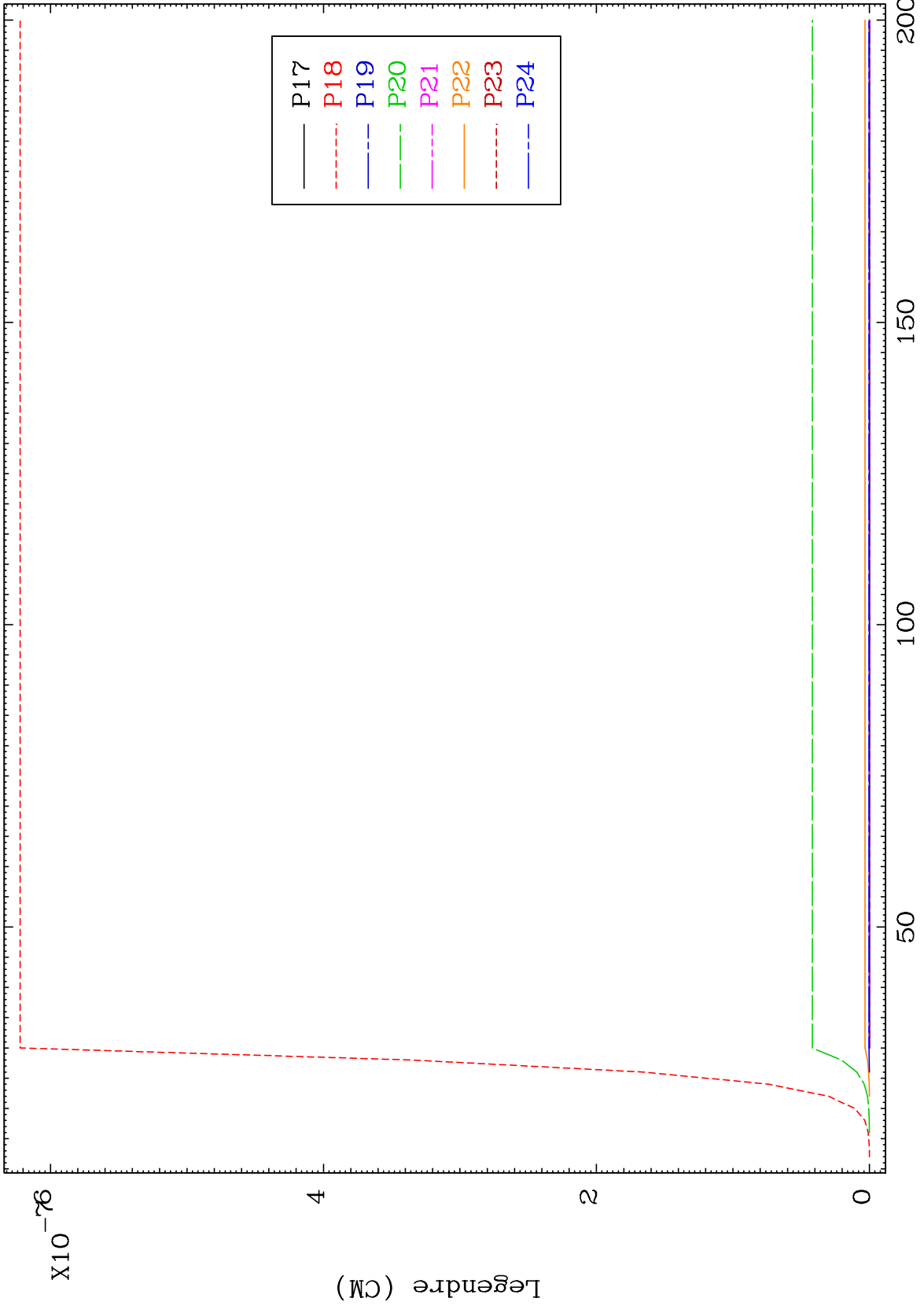


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Incident Energy (MeV)

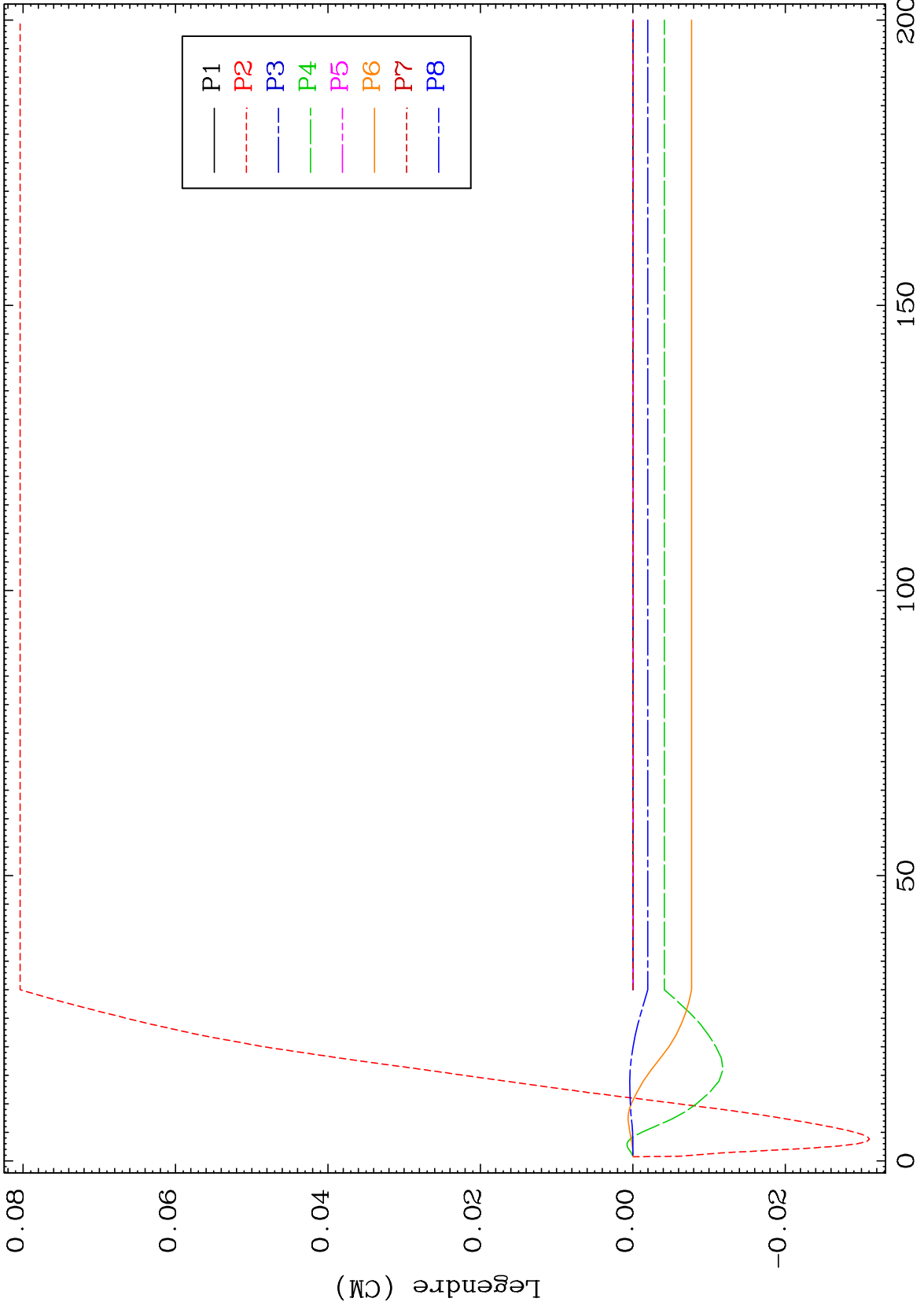
39-Y -88

MAT 3922 MT= 54 (n,n') Level Legendre Coefficients 39-Y -88



31 50 100 150 200 39-Y -88

MAT 3922 MT= 55 (n,n') Level Legendre Coefficients 39-Y -88

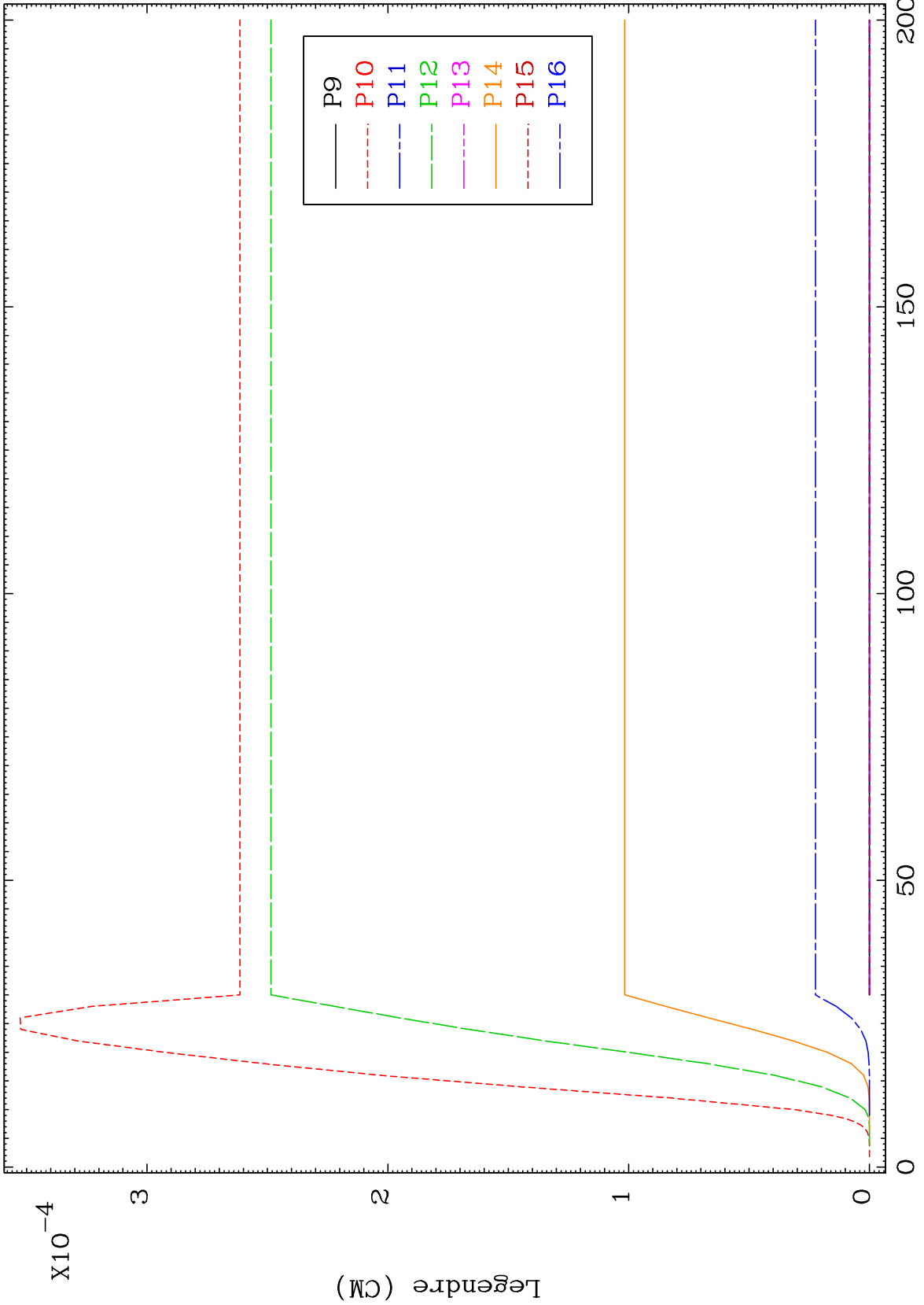


32 39-Y -88

MAT 3922

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

39-Y -88

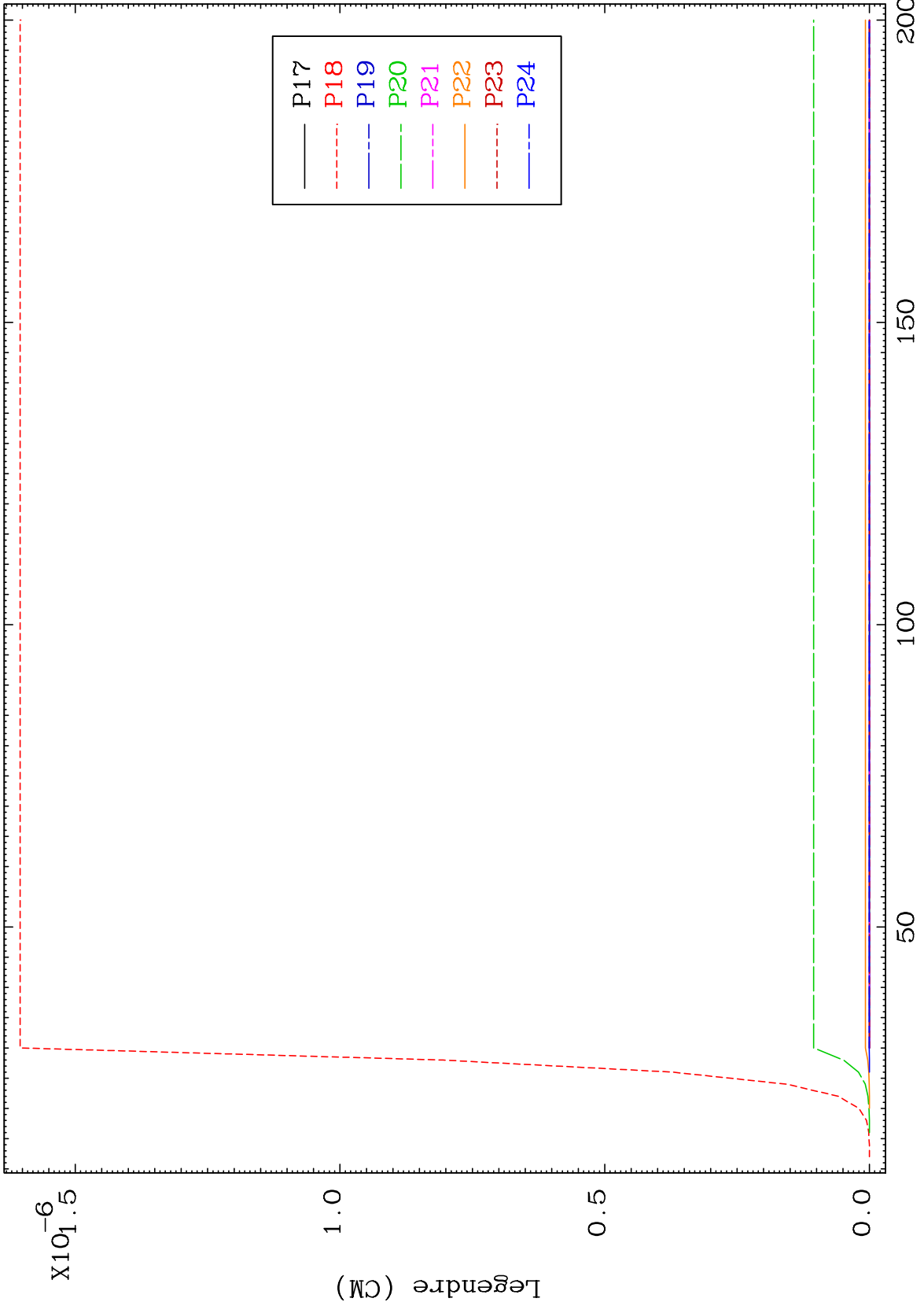


33

Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 55 (n,n') Level Legendre Coefficients 39-Y -88

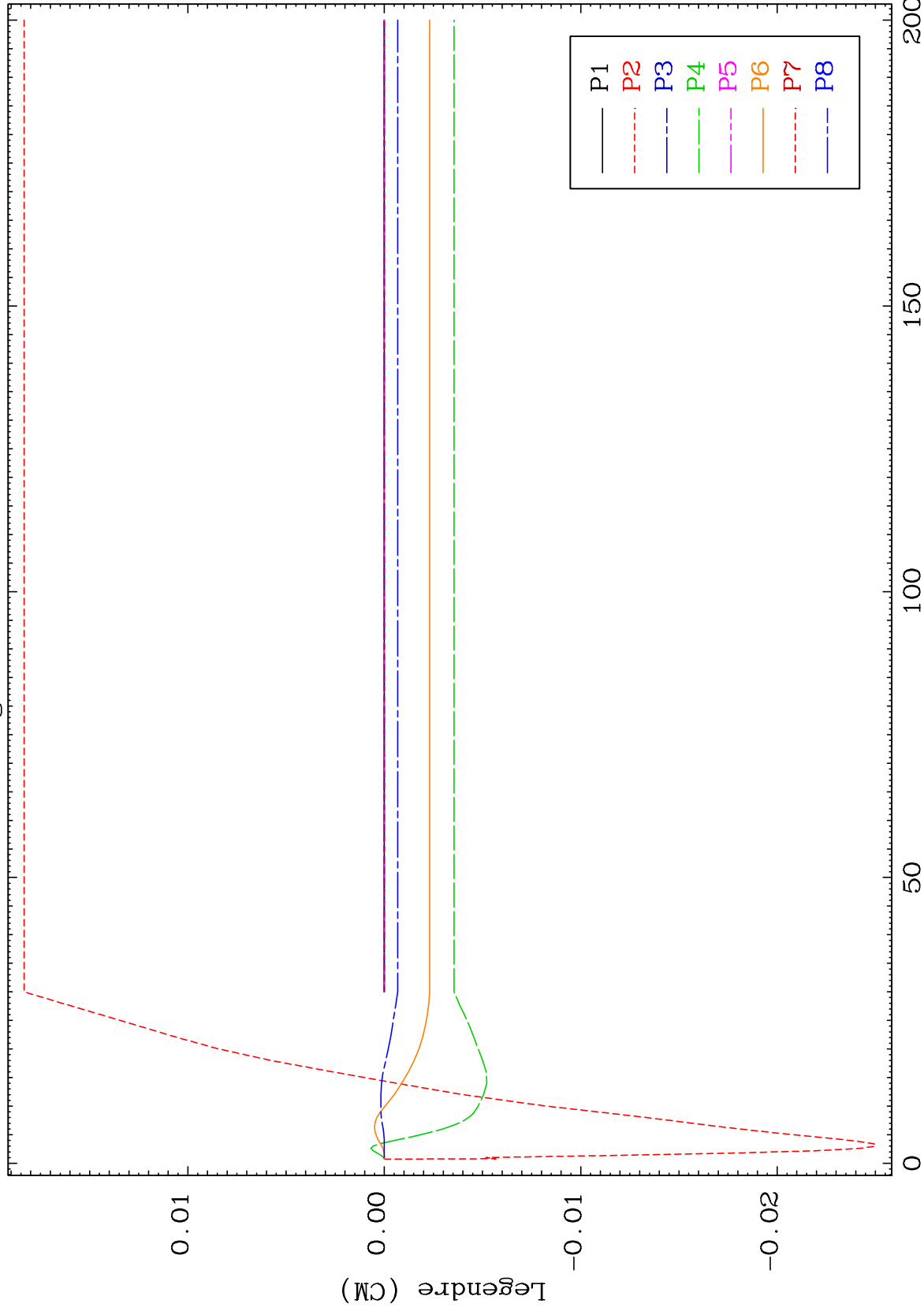


34 39-Y -88

MAT 3922

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

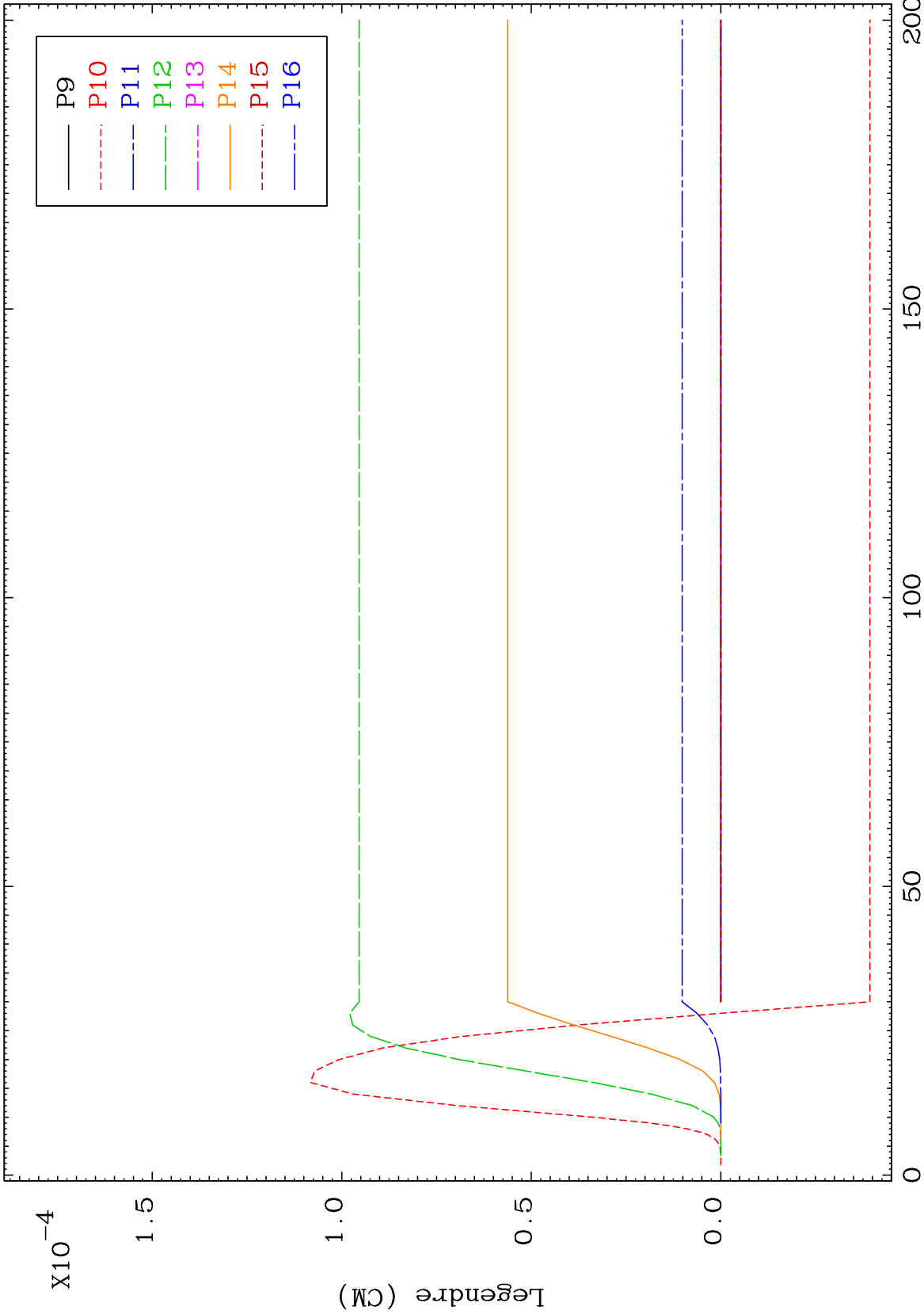
39-Y -88



35

Incident Energy (MeV)

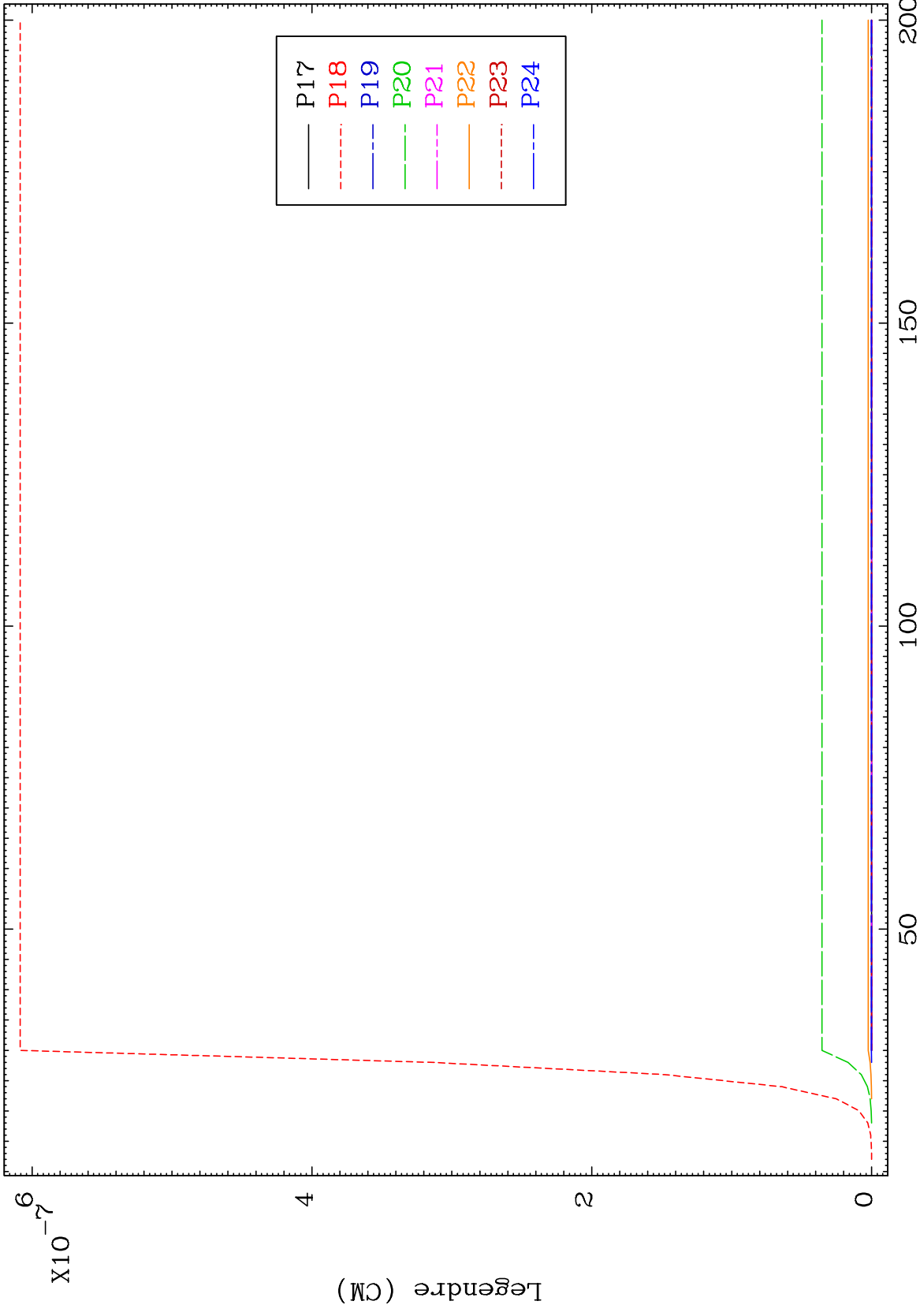
39-Y -88



MAT 3922

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

39-Y -88



37

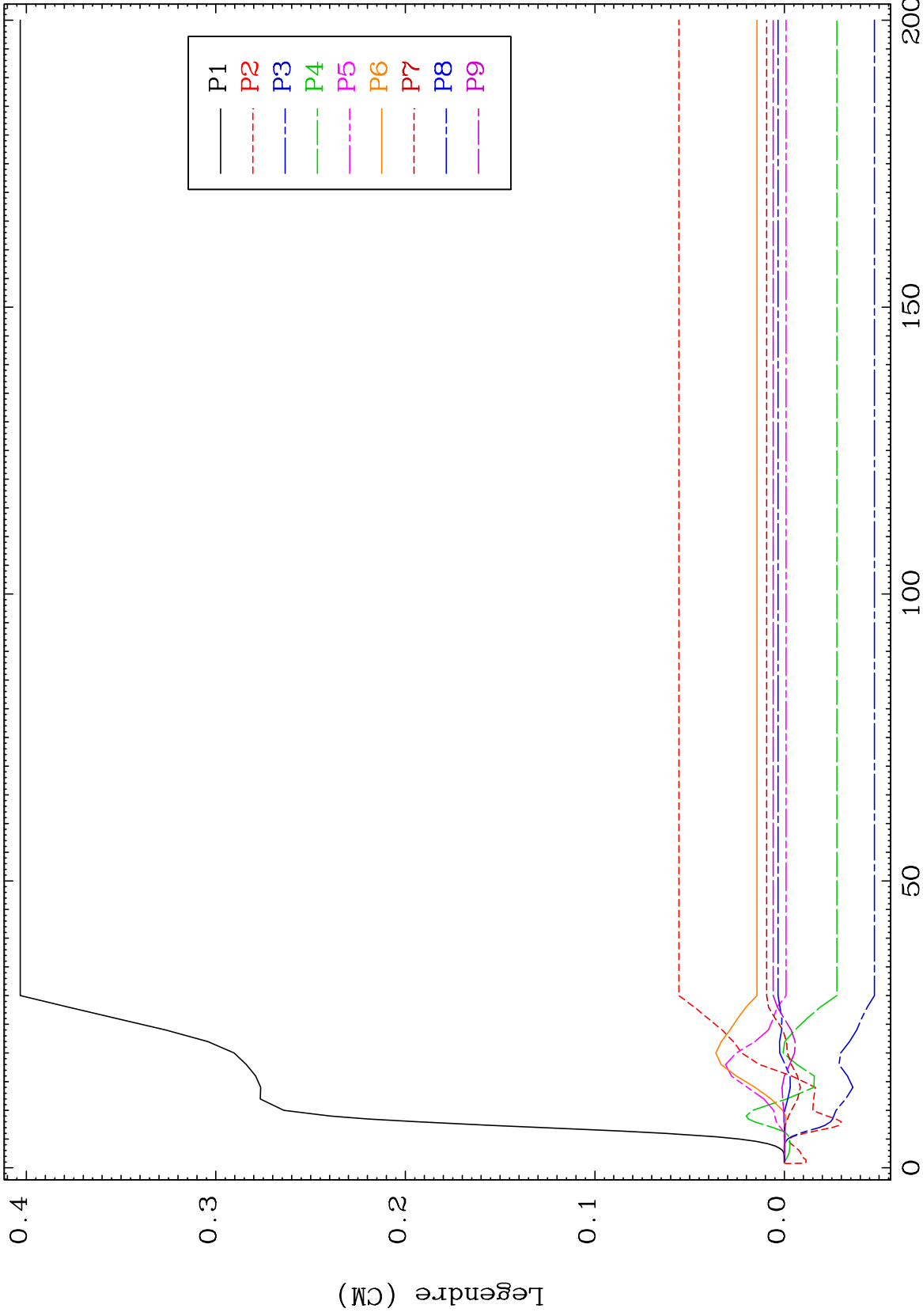
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



38

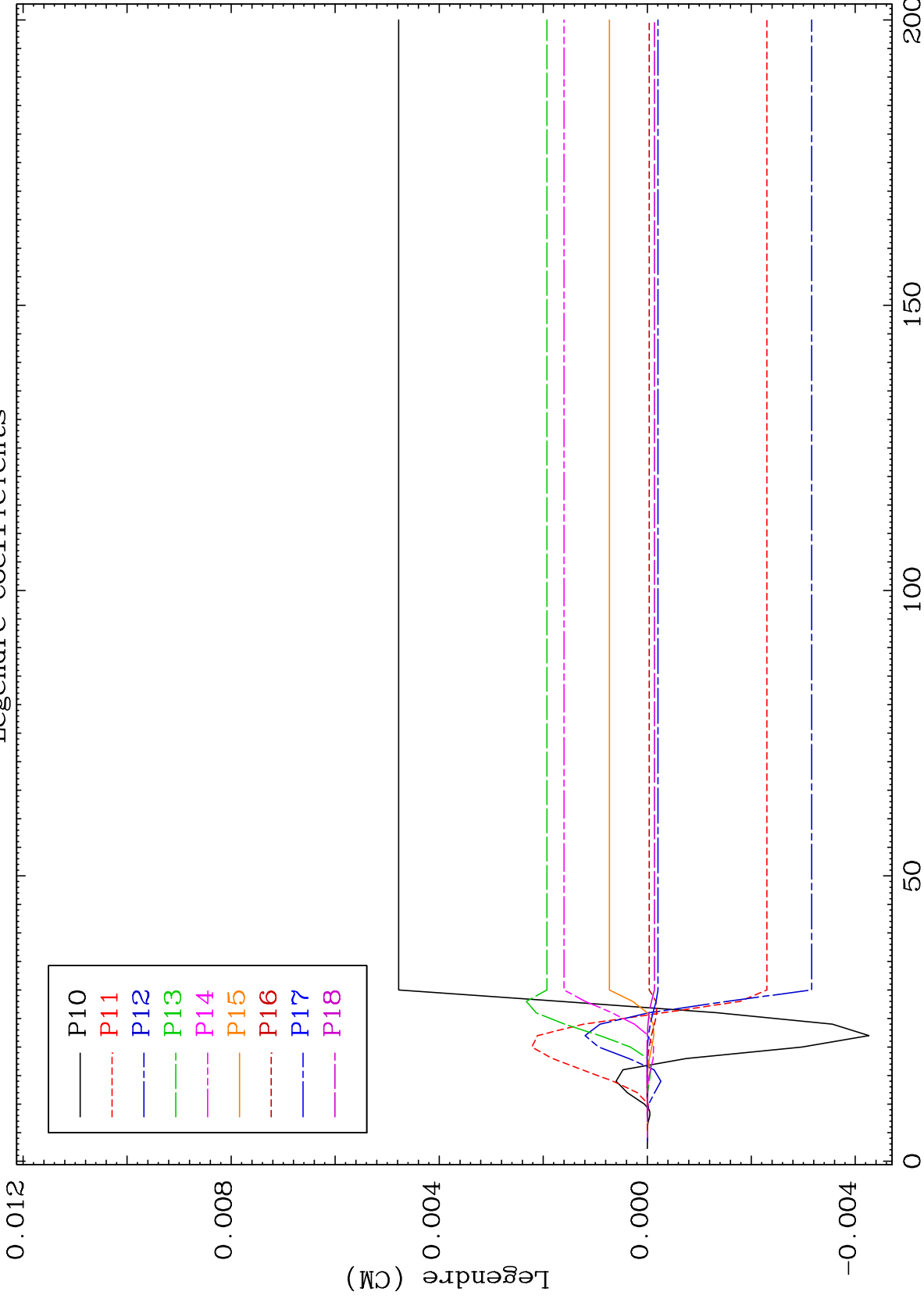
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



39

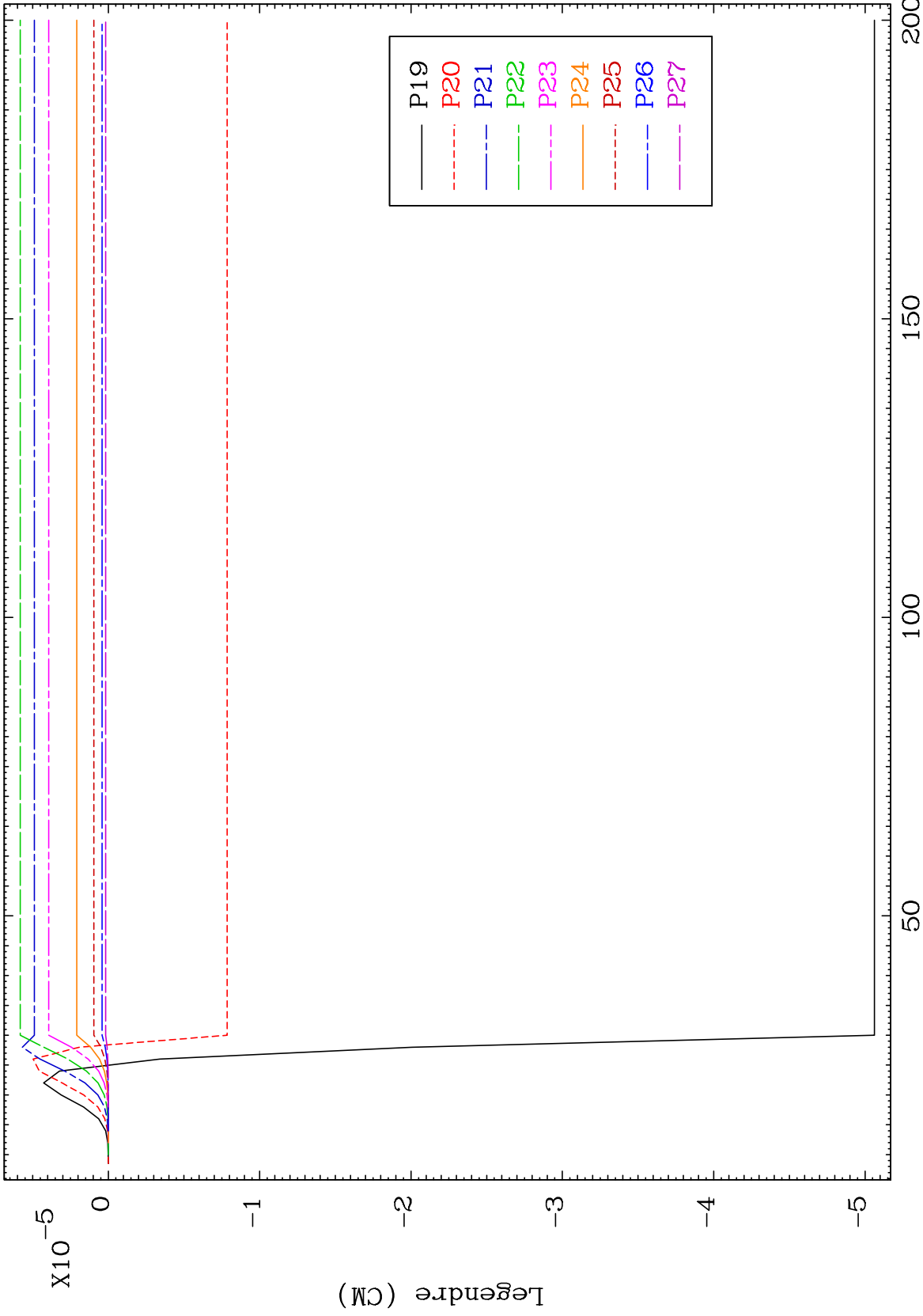
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



40

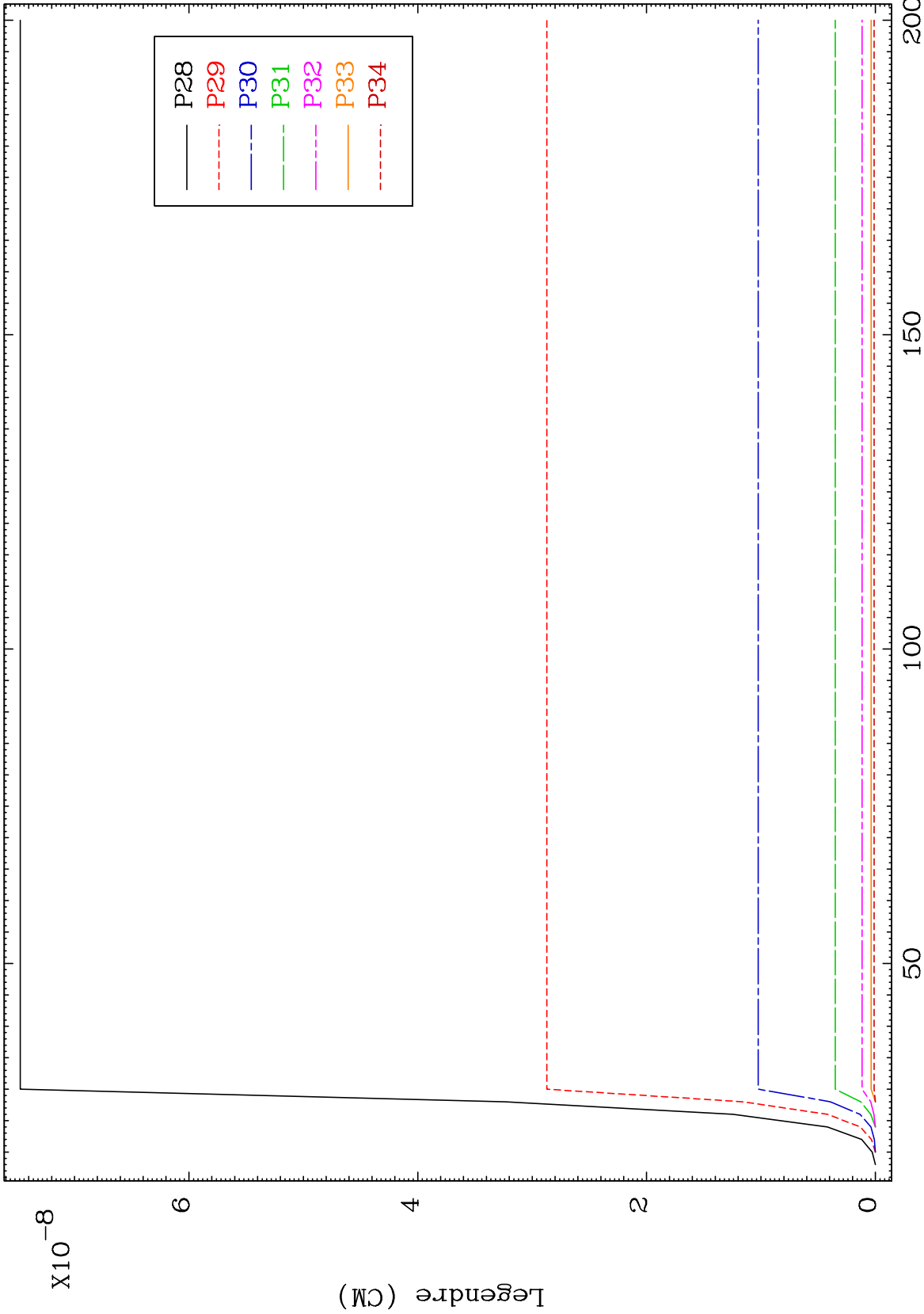
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



41

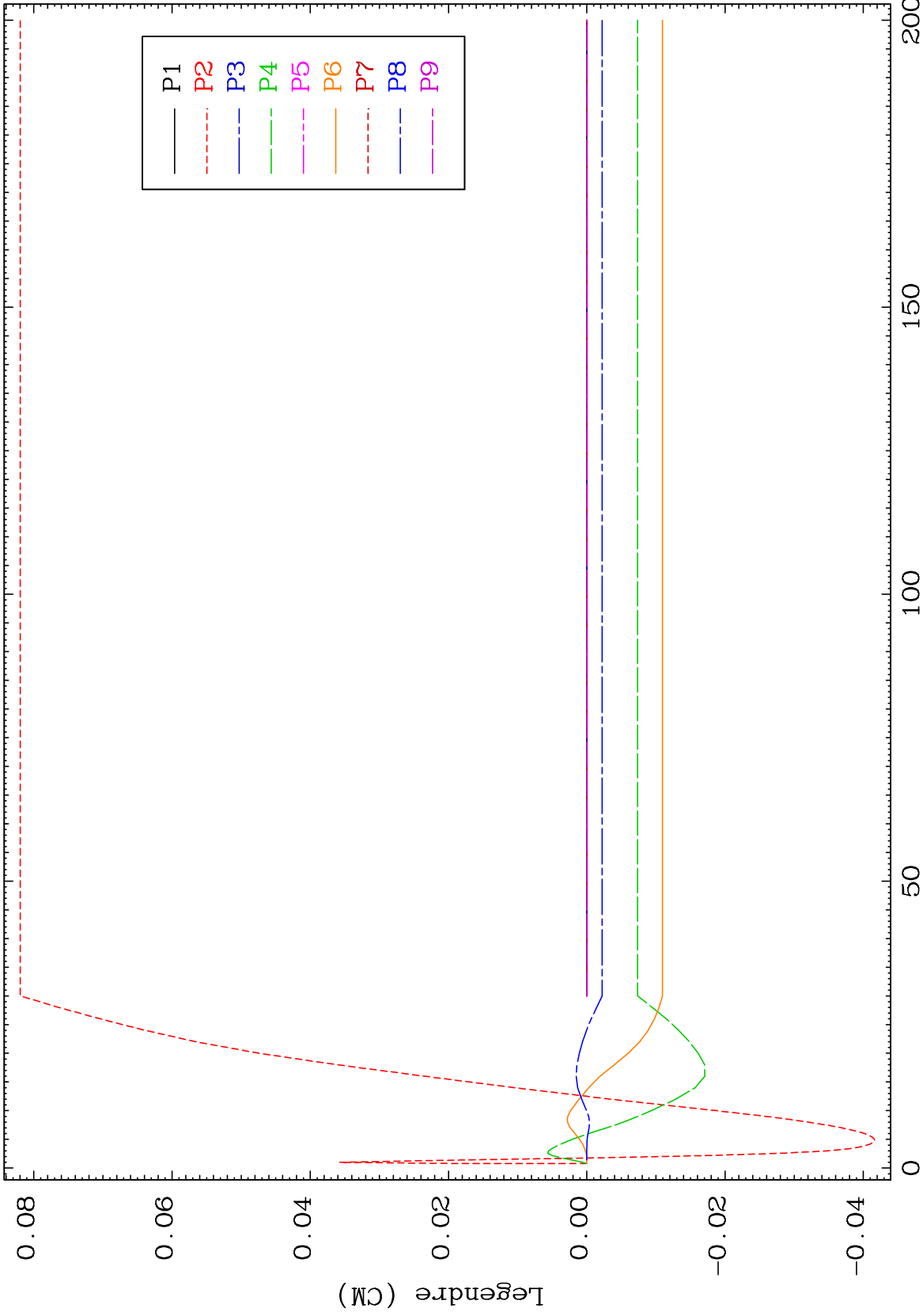
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



42

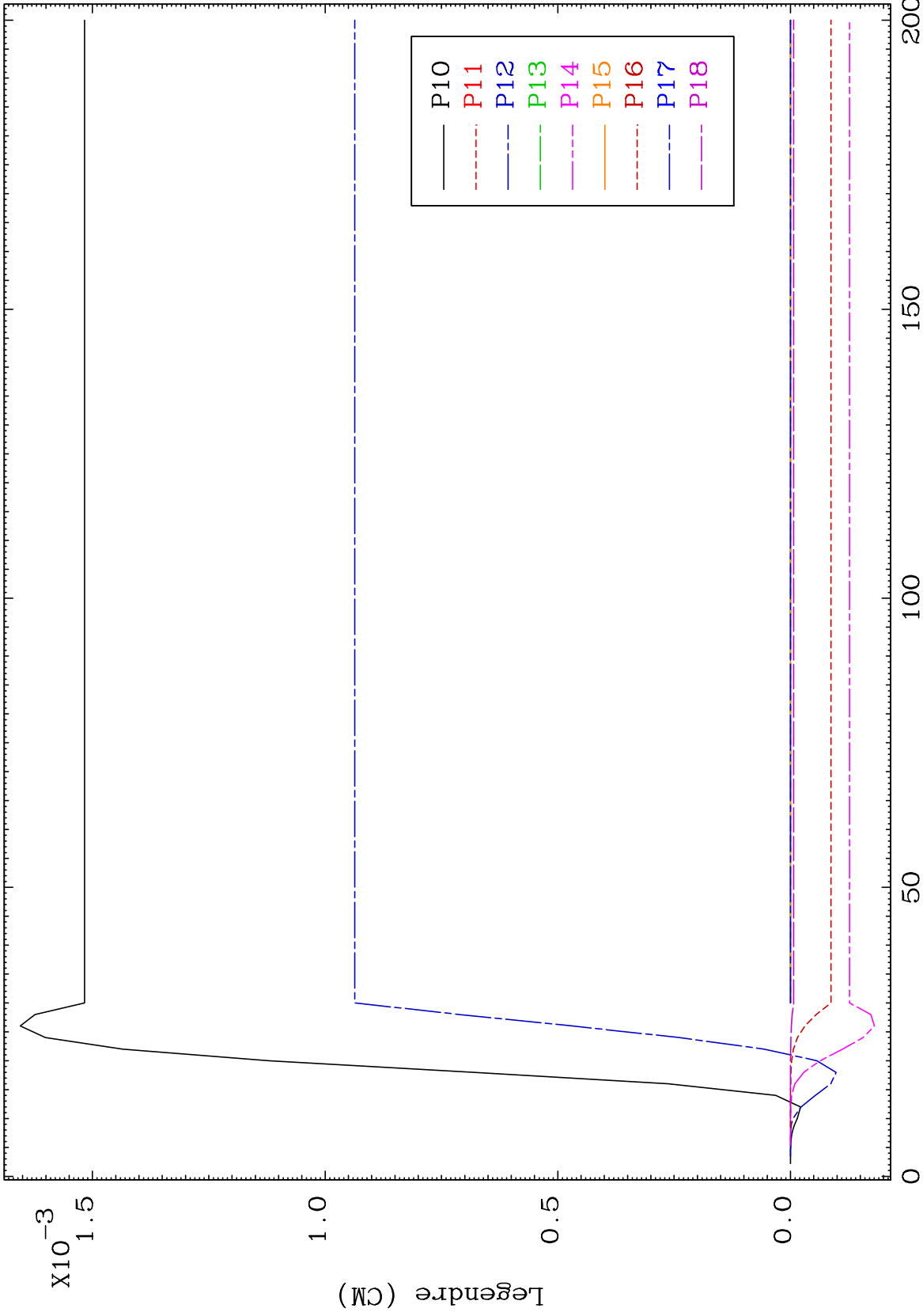
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39-Y -88

MAT 3922

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

39-Y -88

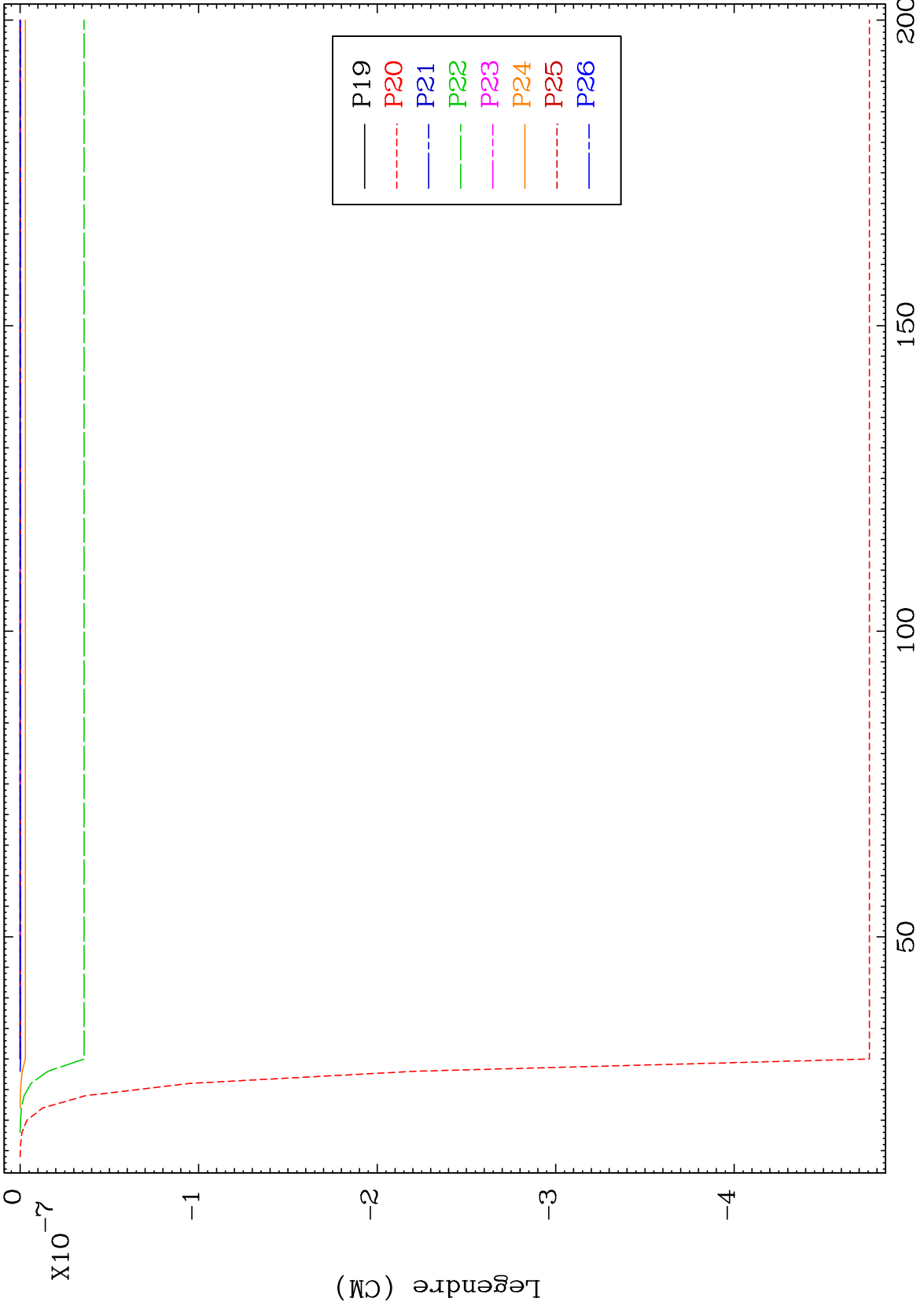


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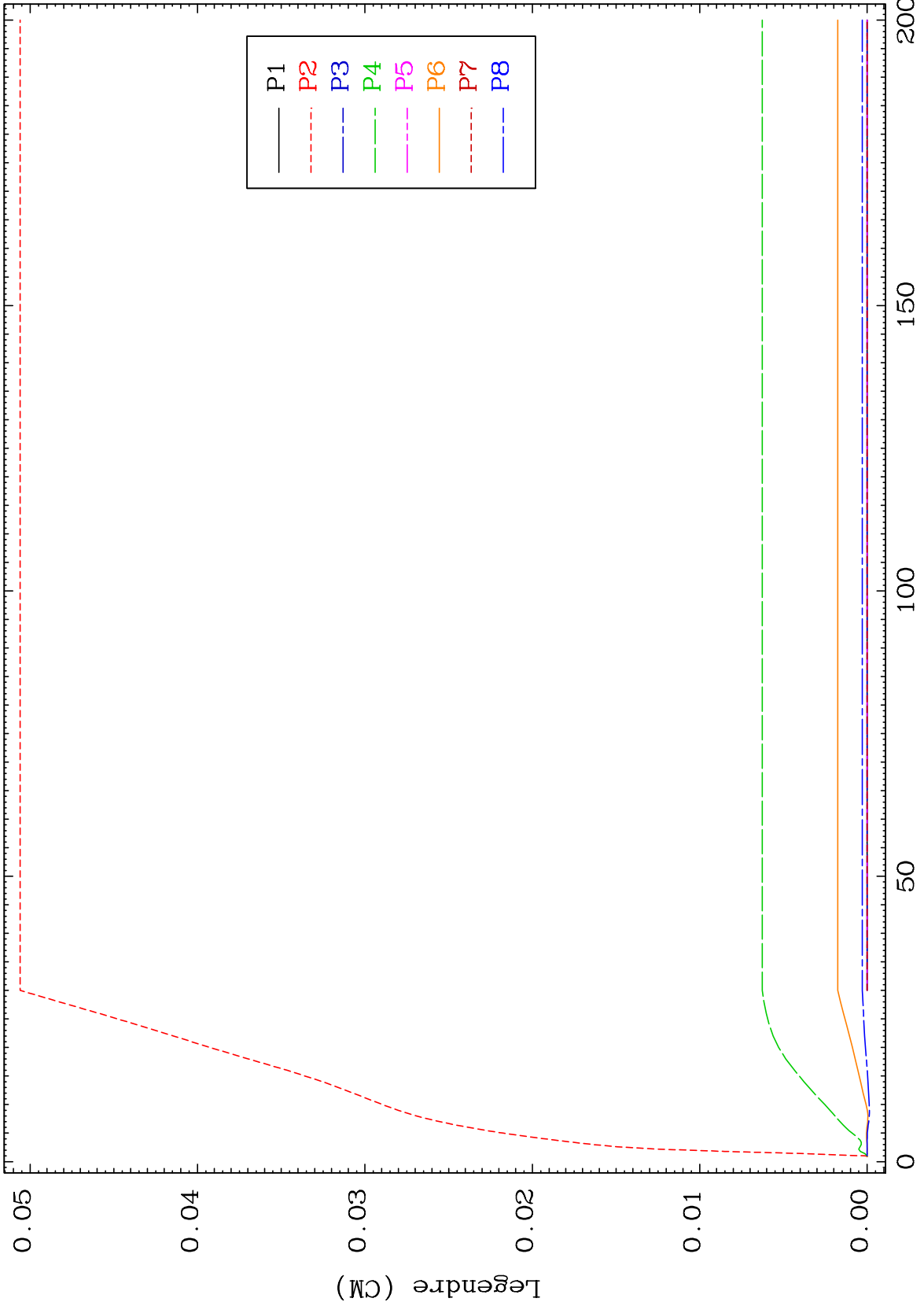
Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 58 (n,n') Level Legendre Coefficients 39-Y -88



MAT 3922 MT= 59 (n,n') Level Legendre Coefficients 39-Y -88

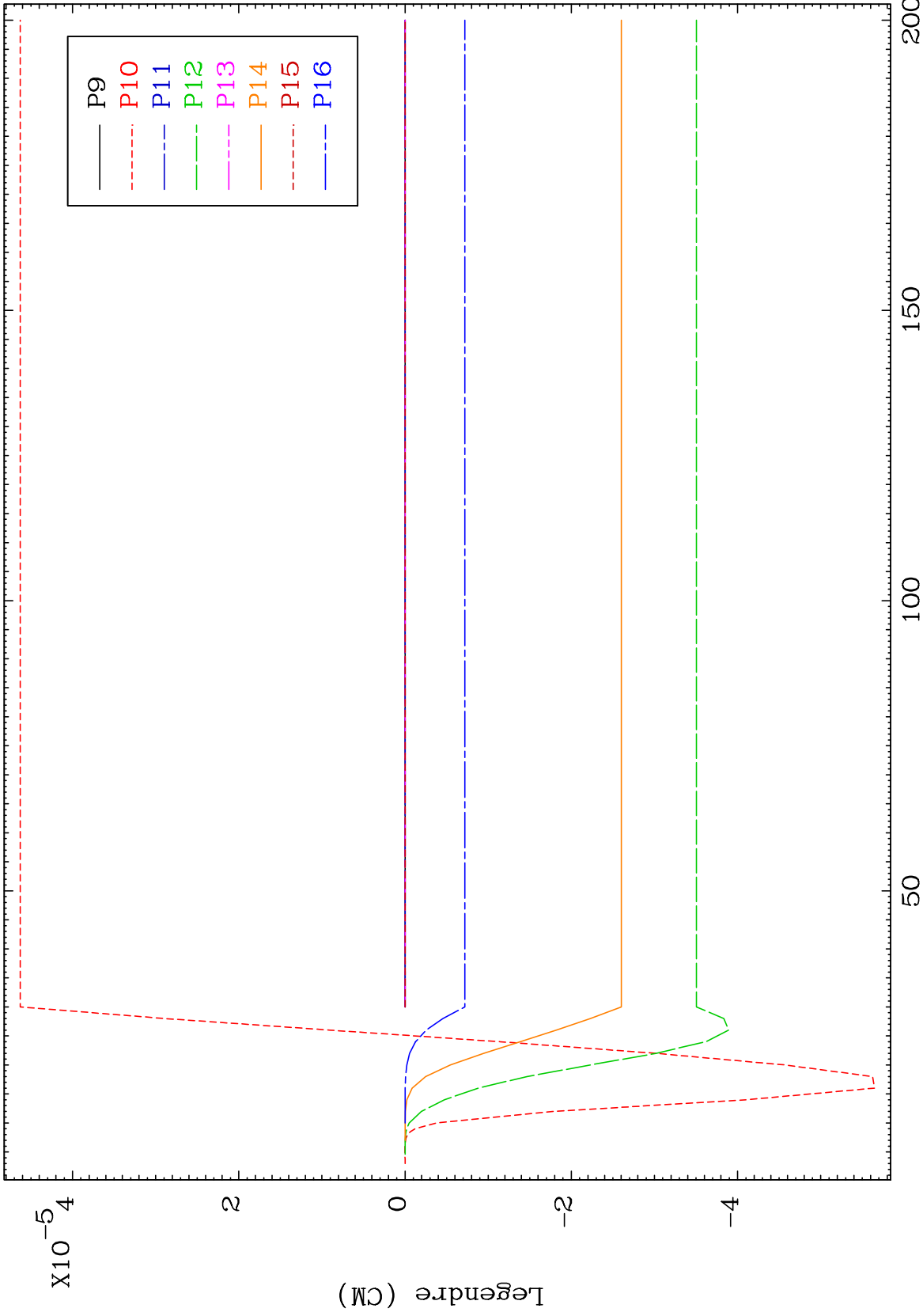


Incident Energy (MeV) 39-Y -88

MAT 3922

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

39-Y -88

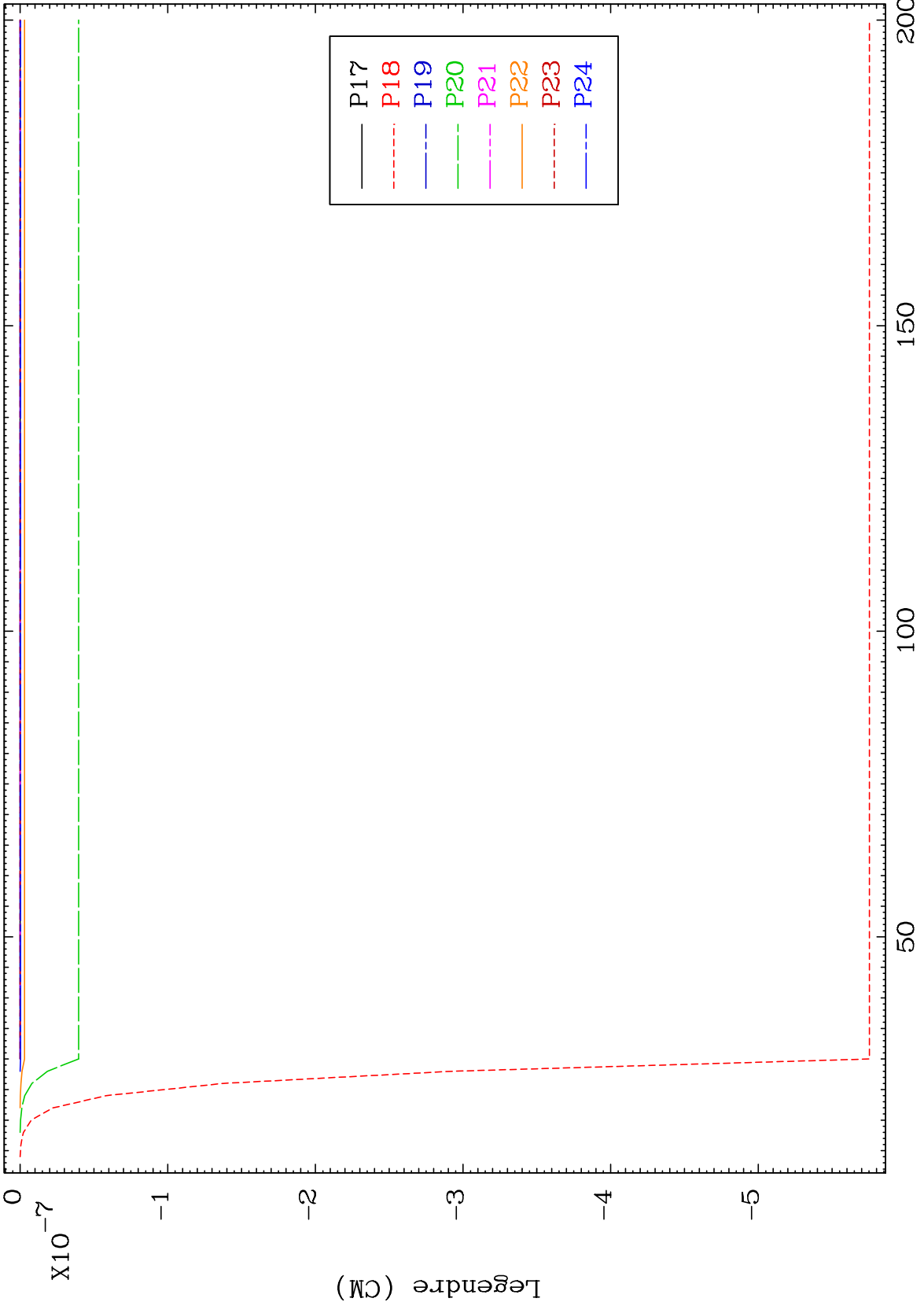


46

Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 59 (n,n') Level Legendre Coefficients 39-Y -88

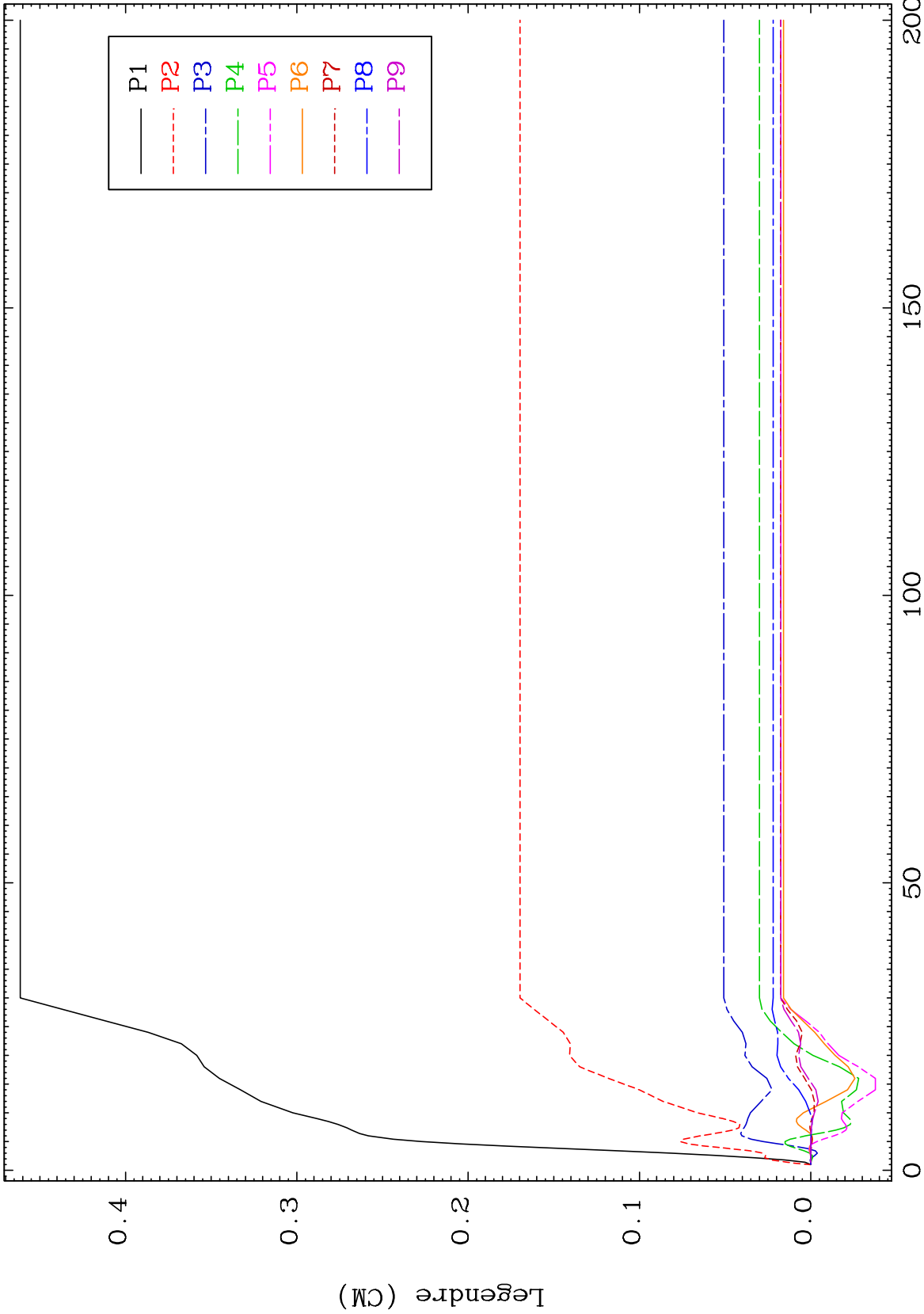


47 39-Y -88

MAT 3922

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

39-Y -88



48

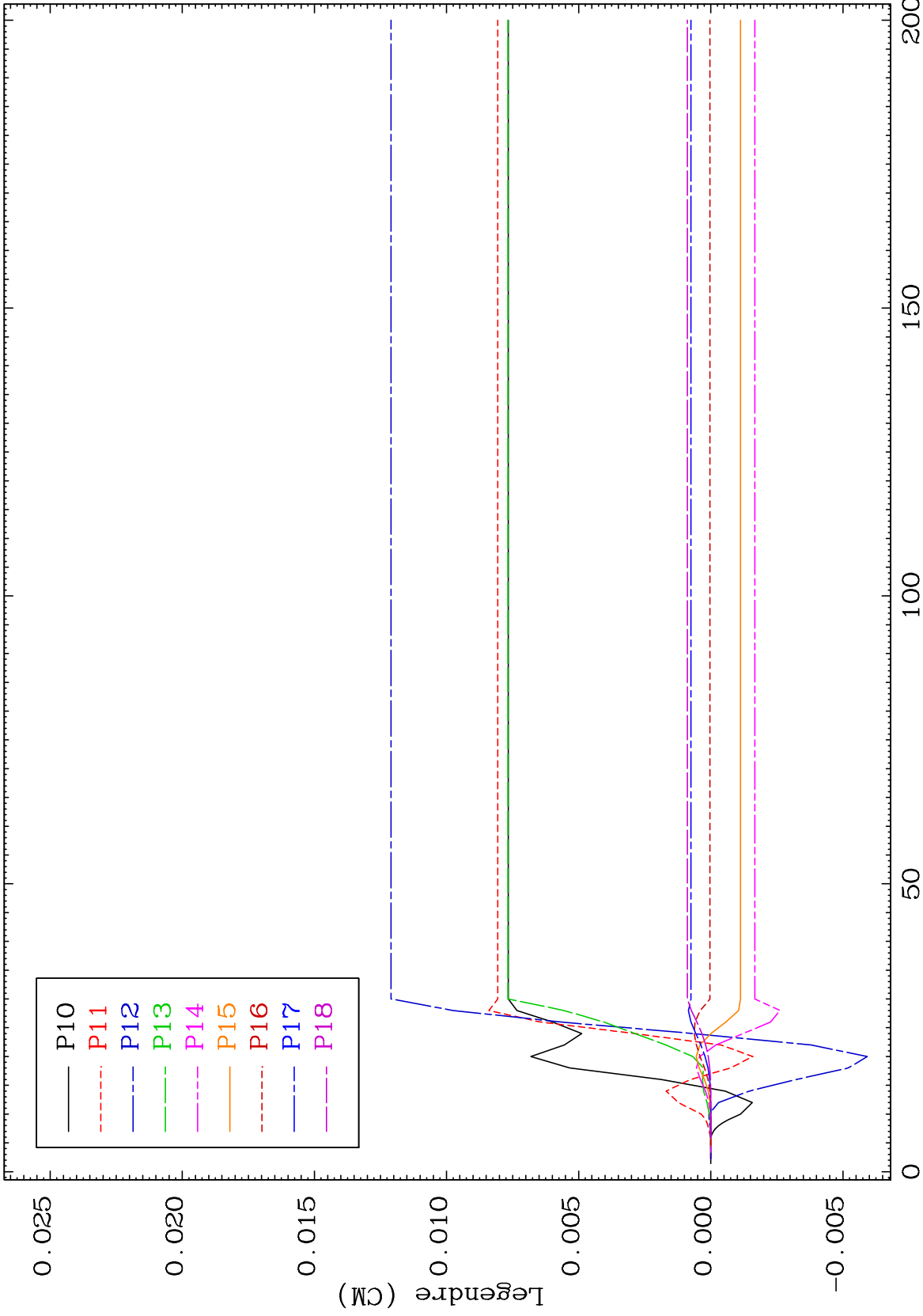
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



49

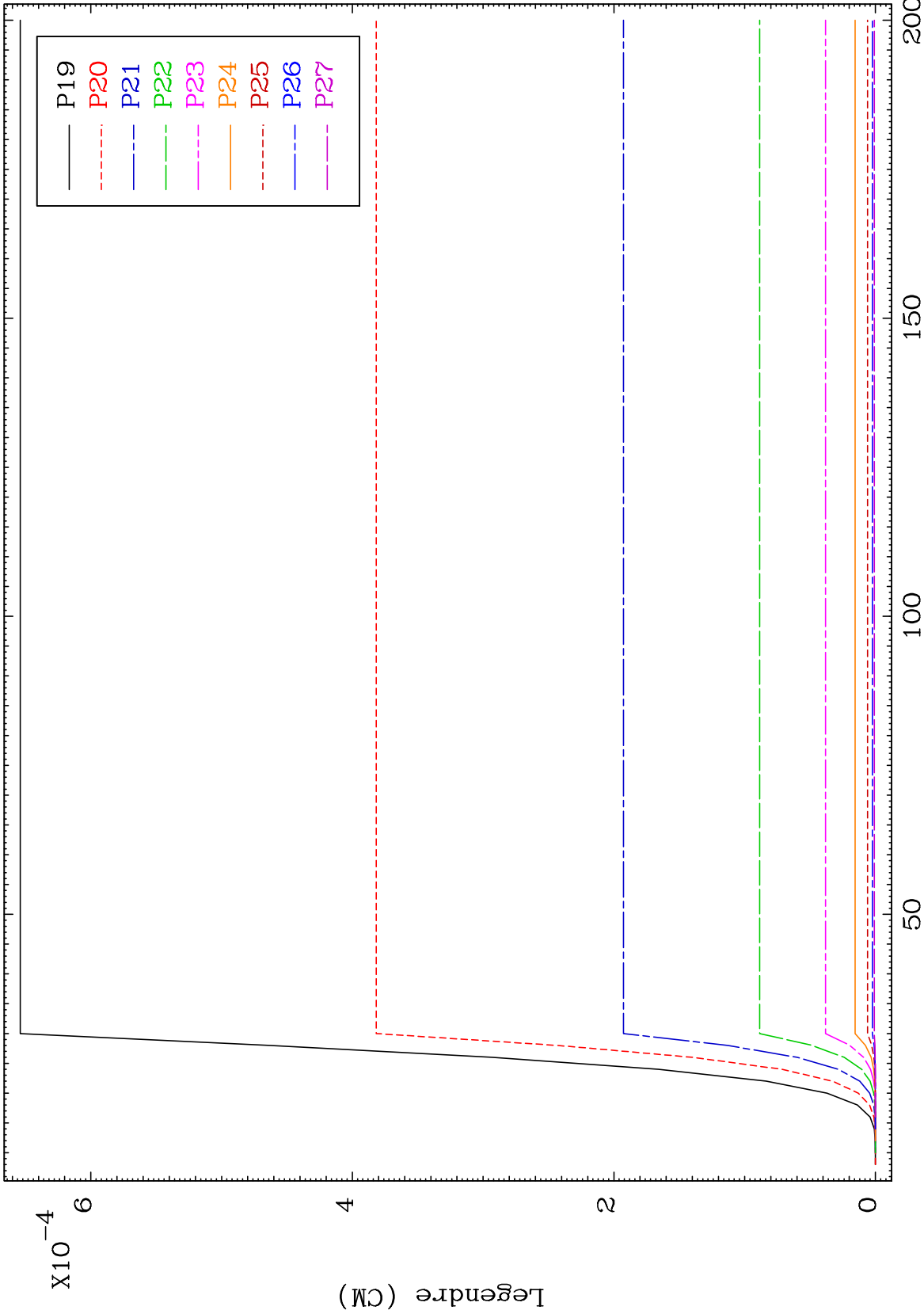
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



50

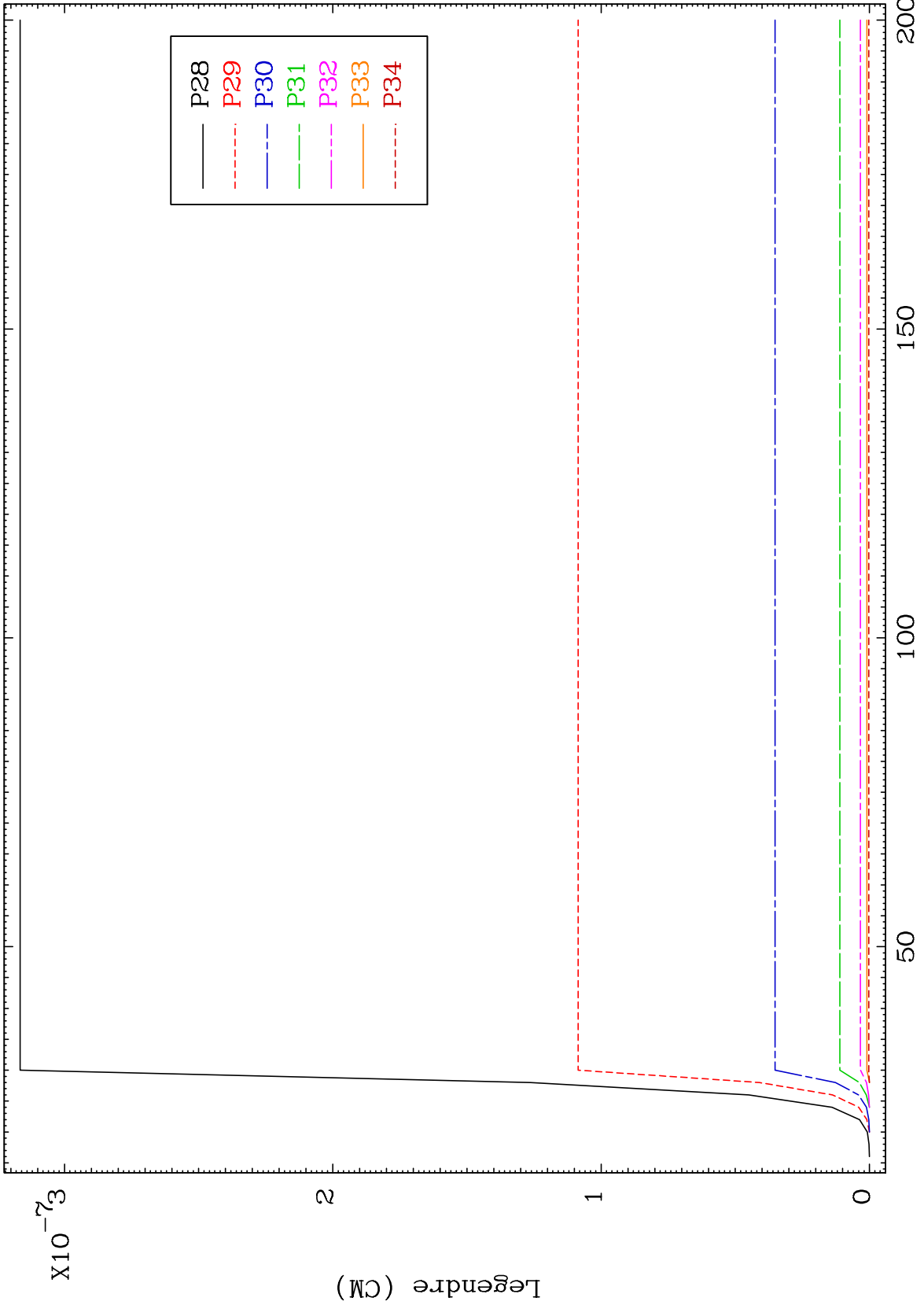
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



51

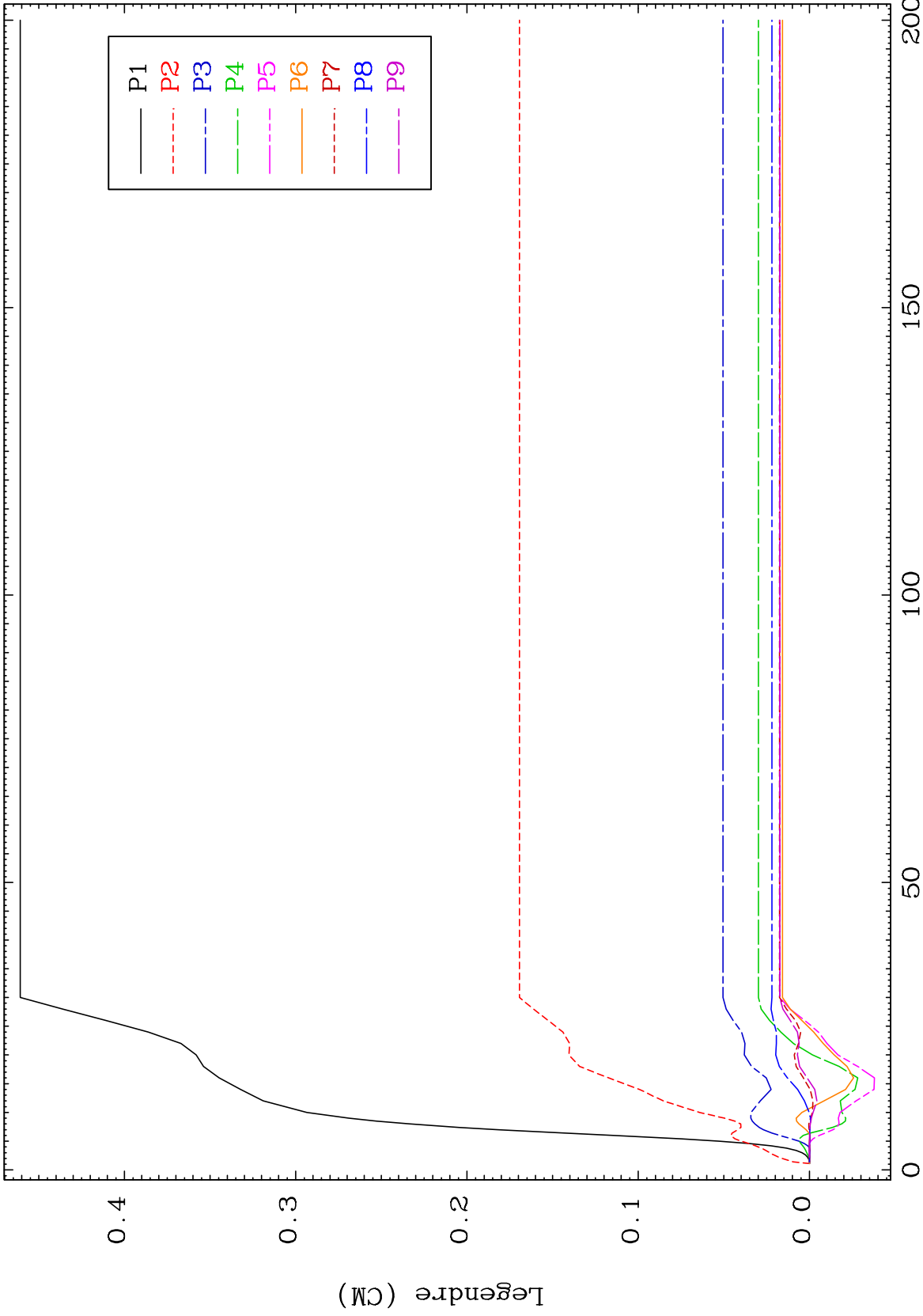
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



52

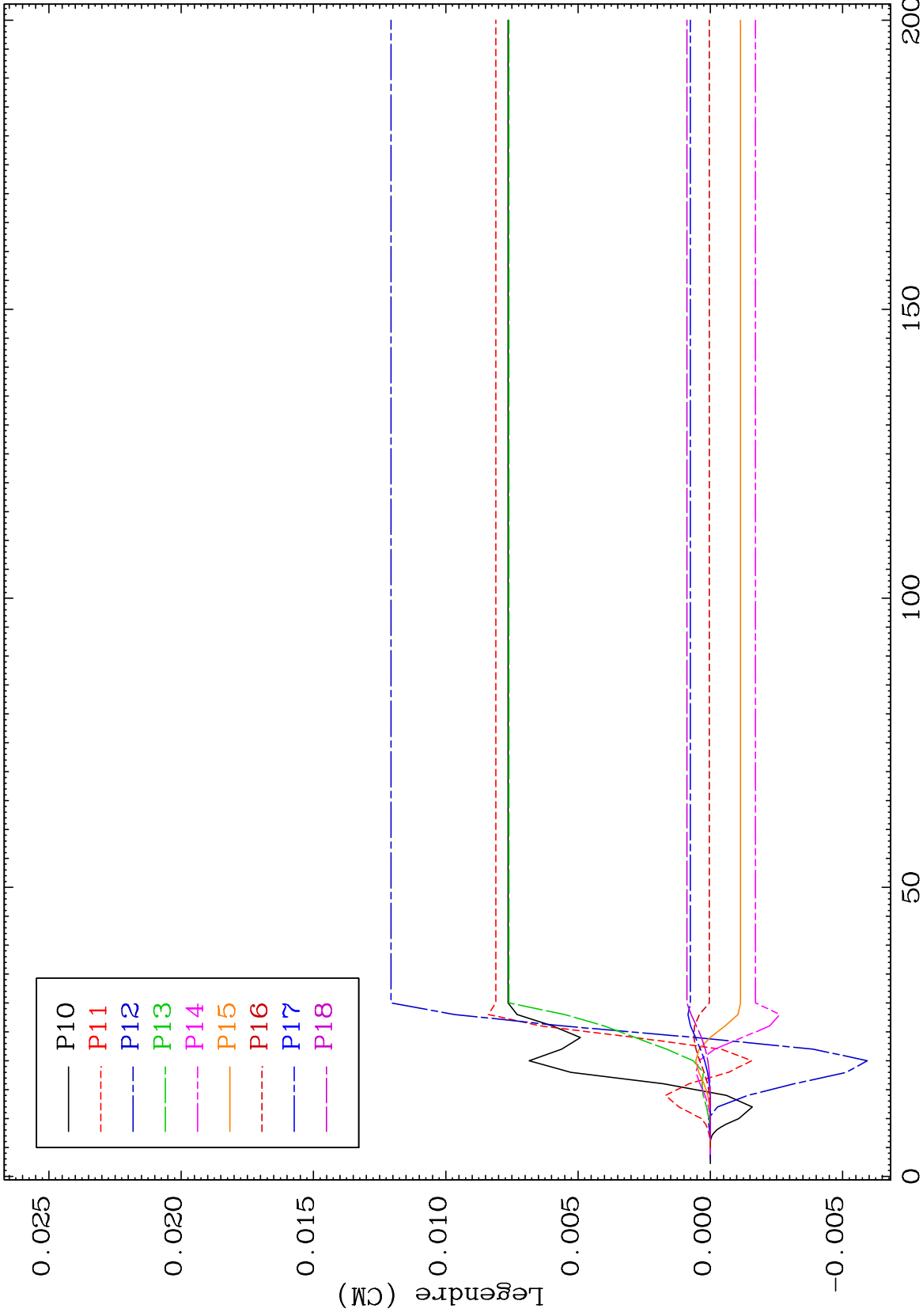
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



53

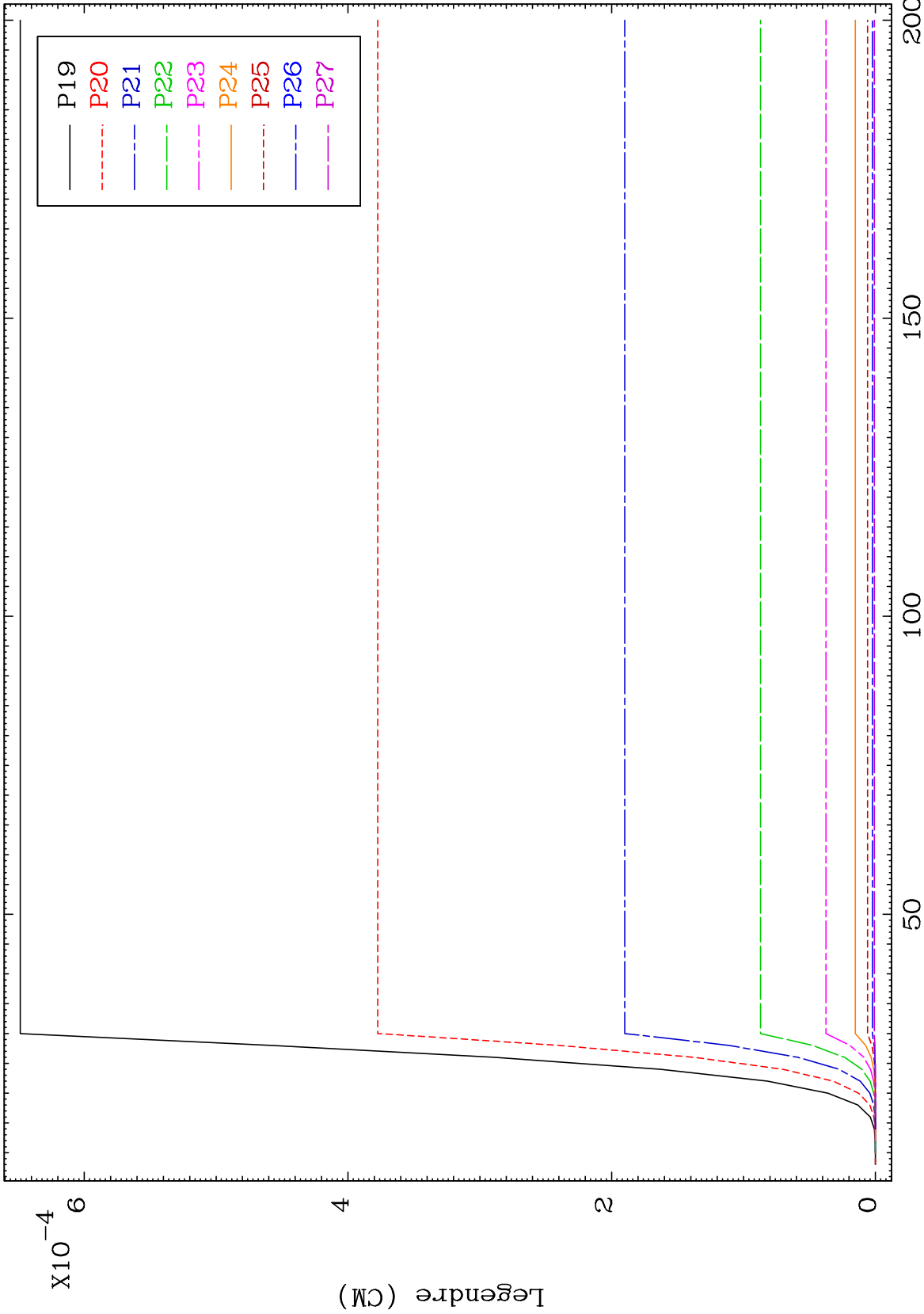
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



54

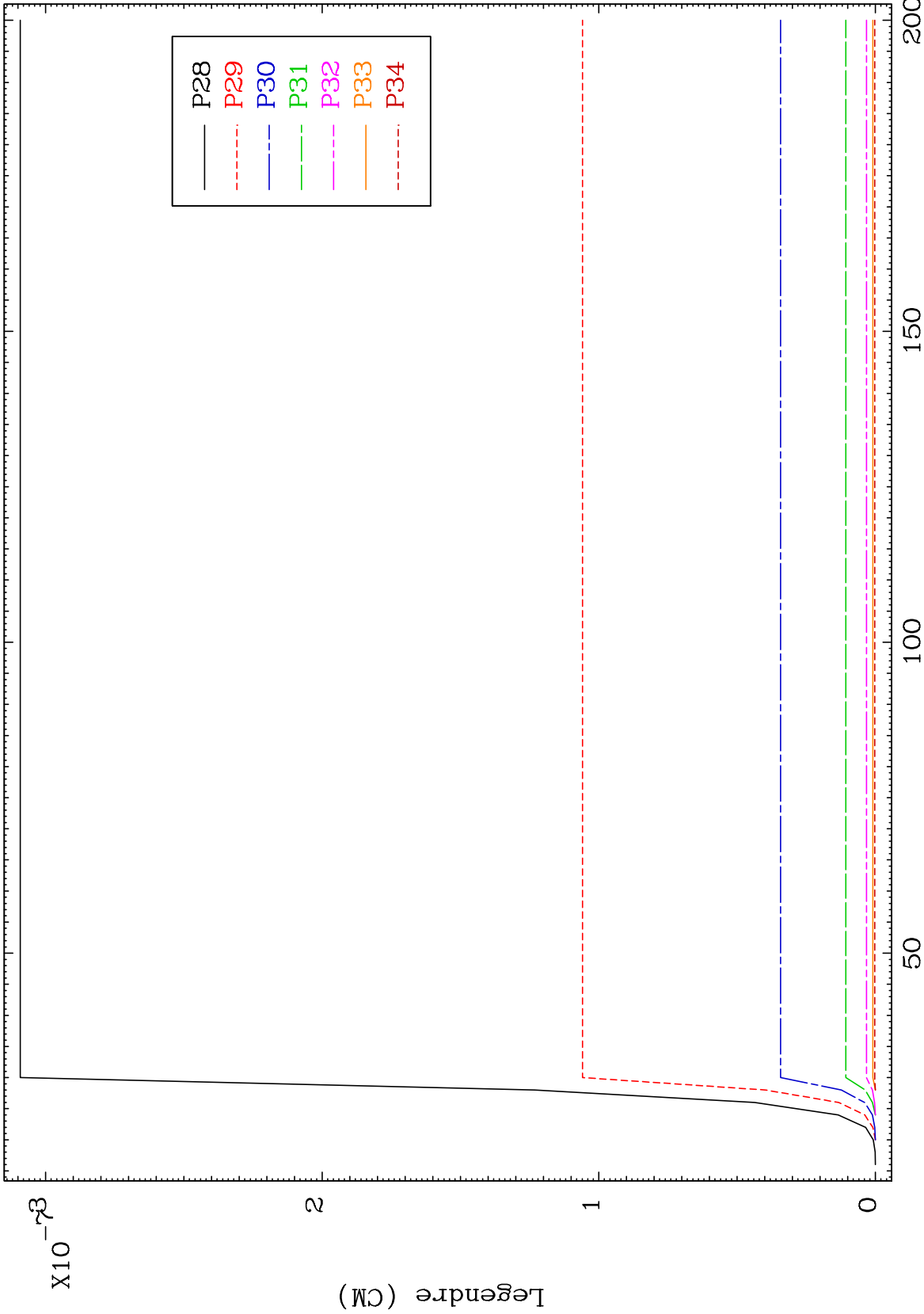
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



55

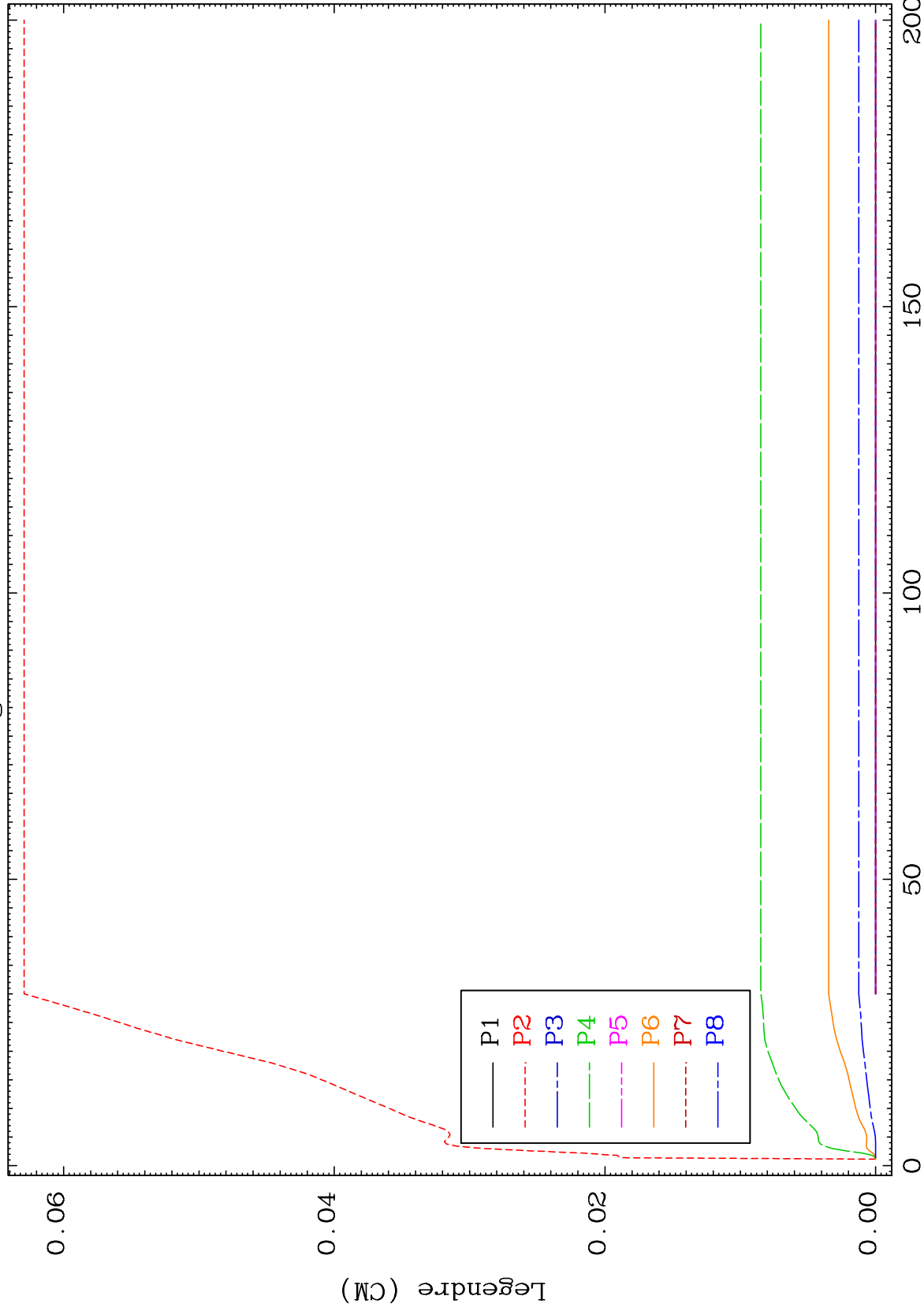
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



56

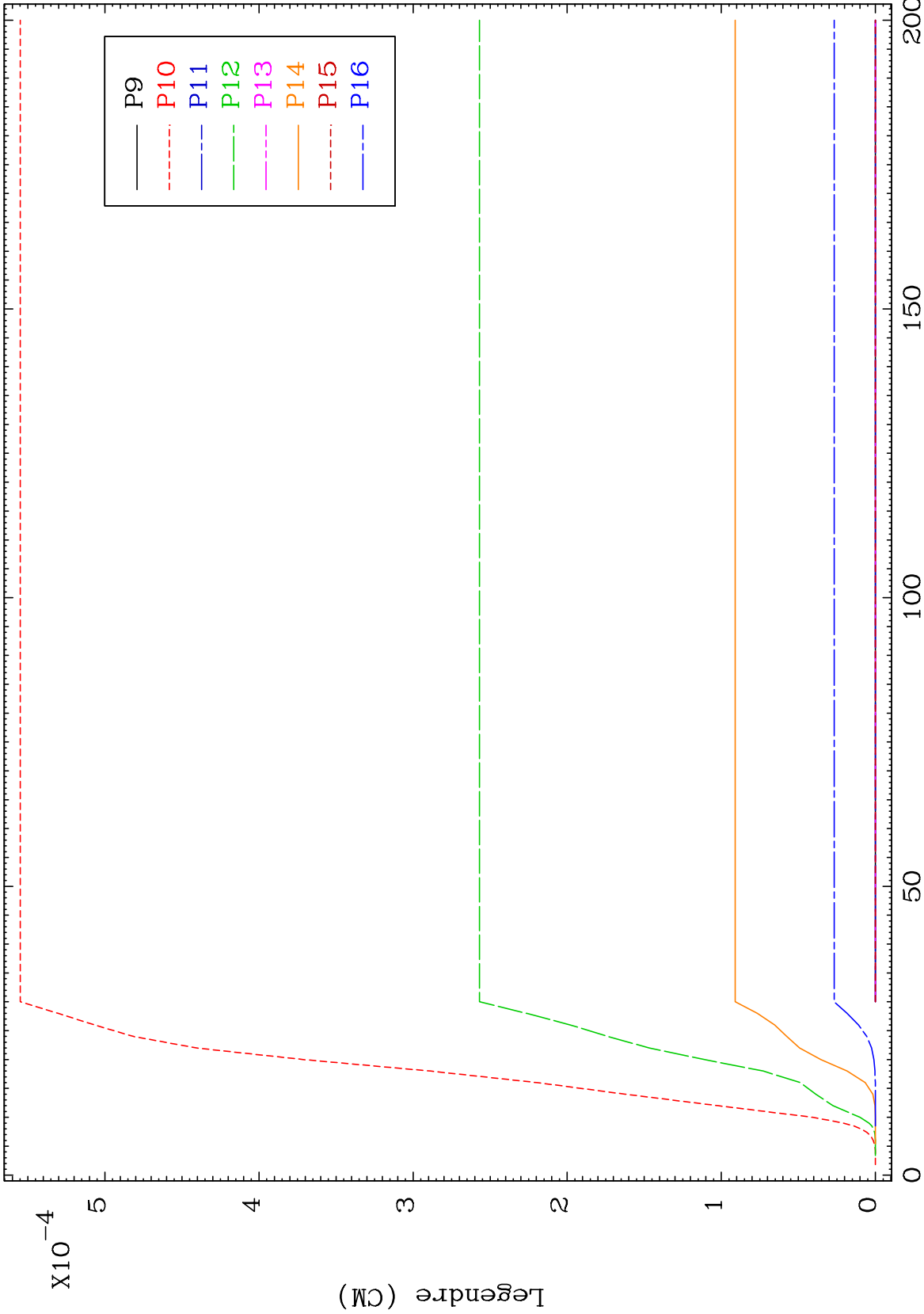
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88

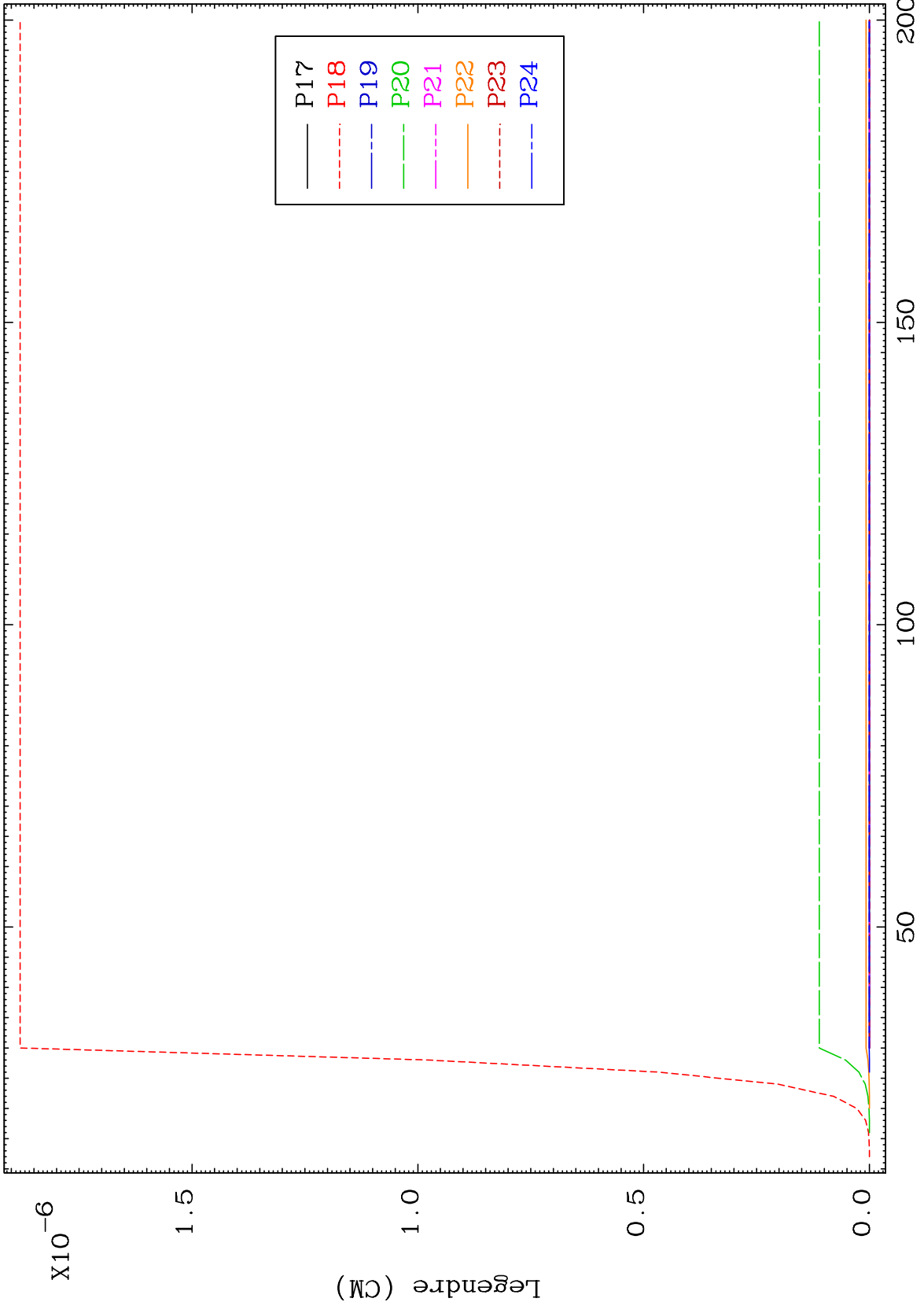


57

Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 62 (n,n') Level Legendre Coefficients 39-Y -88

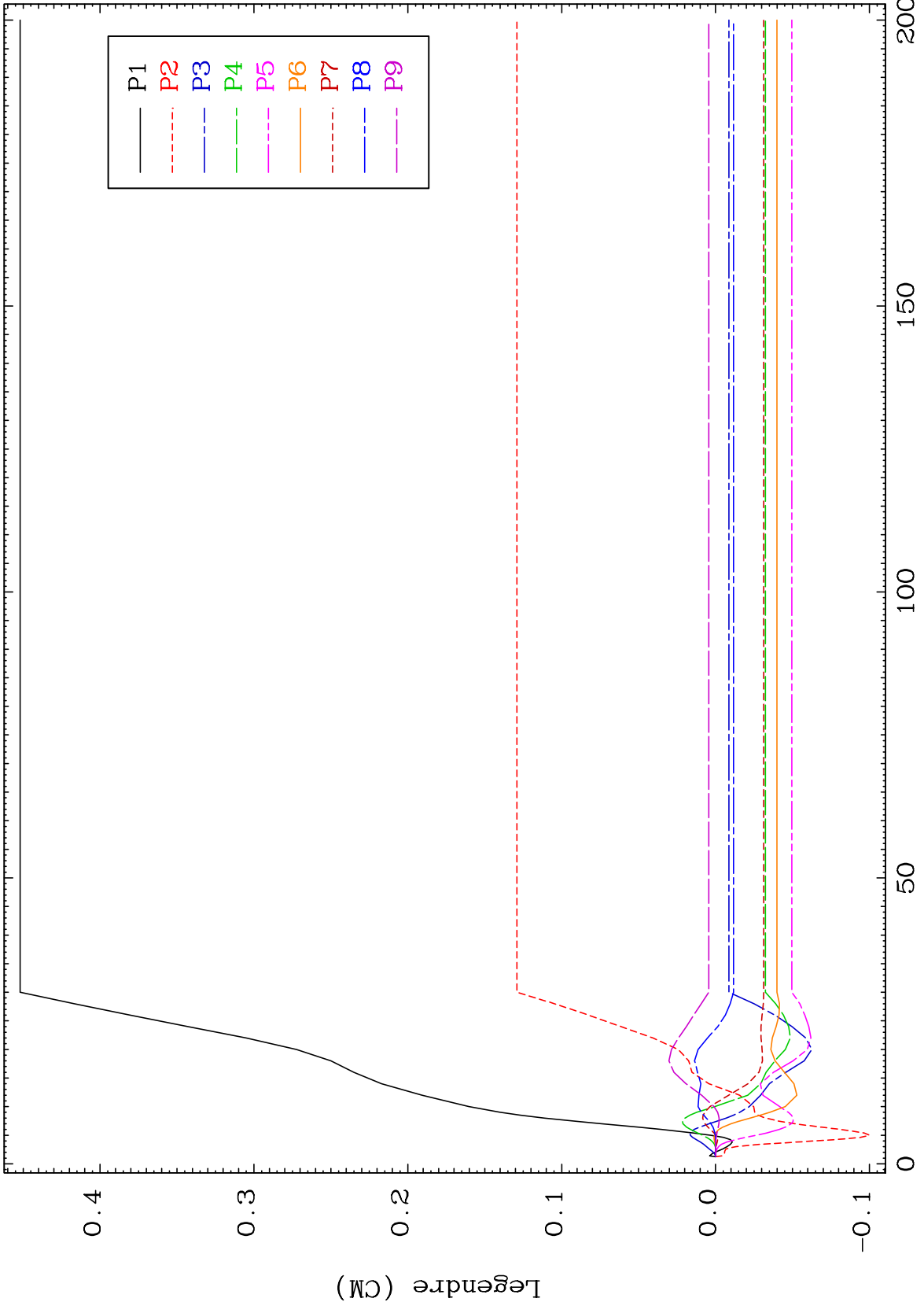


58 Incident Energy (MeV) 200 39-Y -88

MAT 3922

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

39-Y -88



59

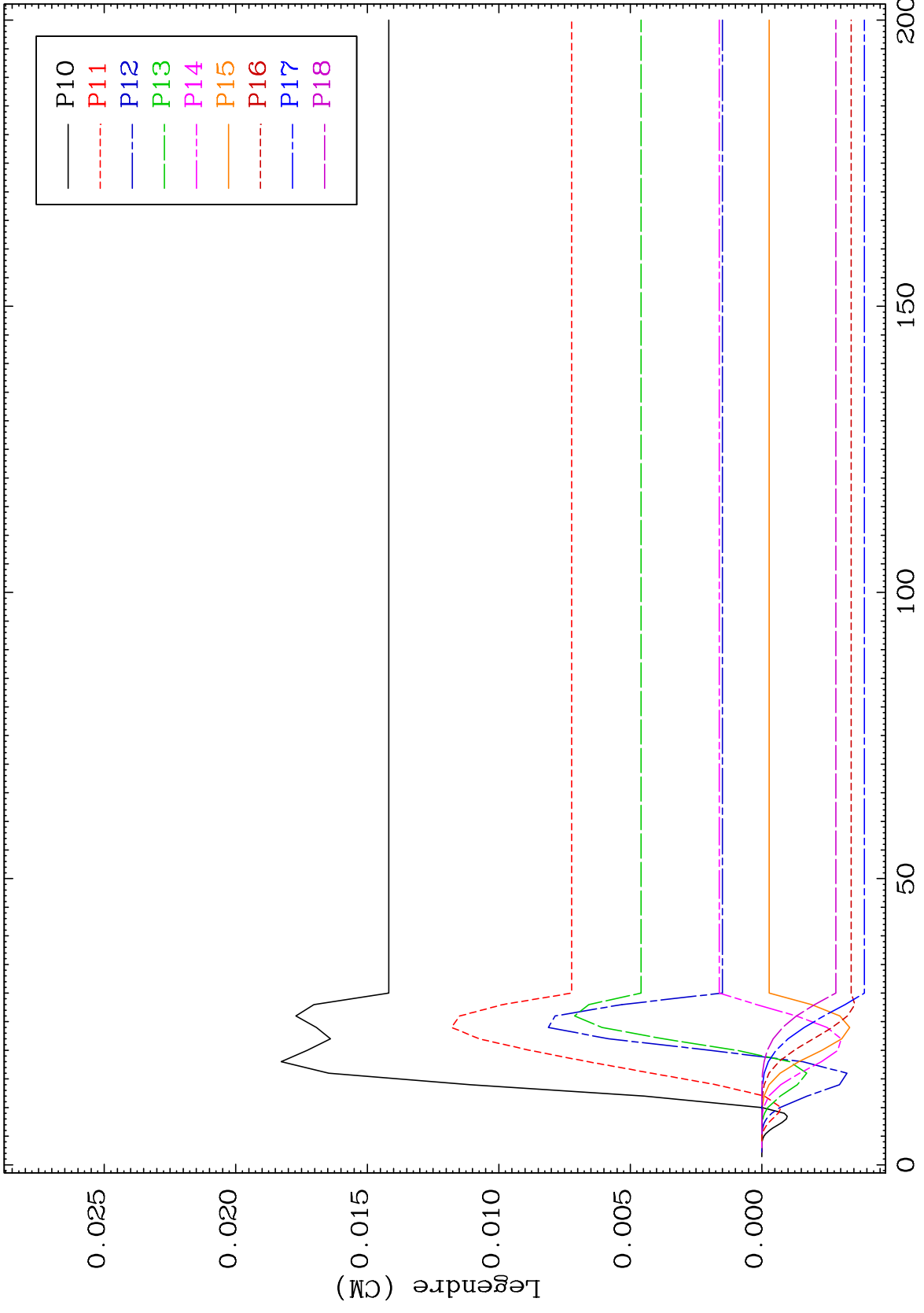
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88

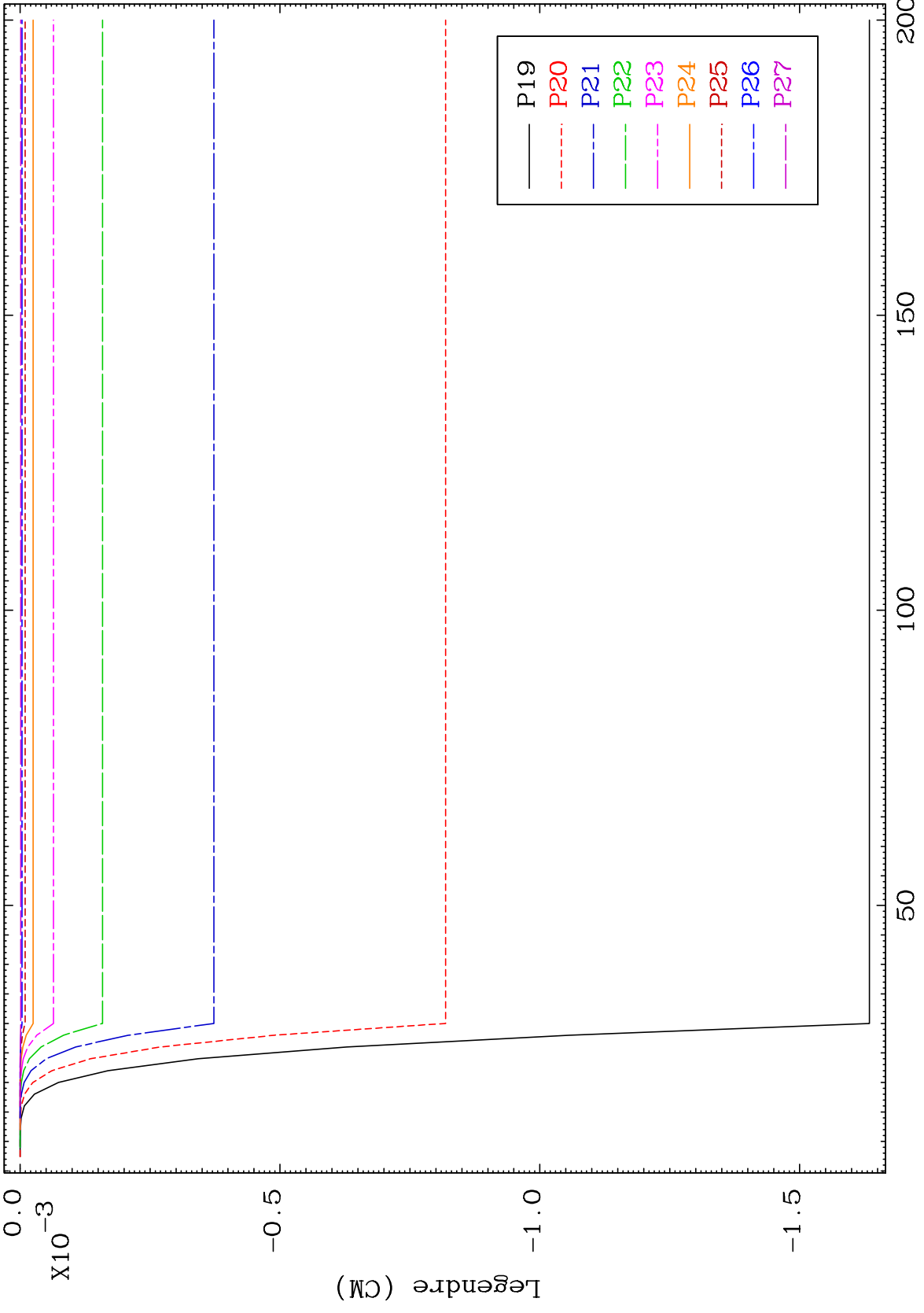


60

Incident Energy (MeV)

39-Y -88

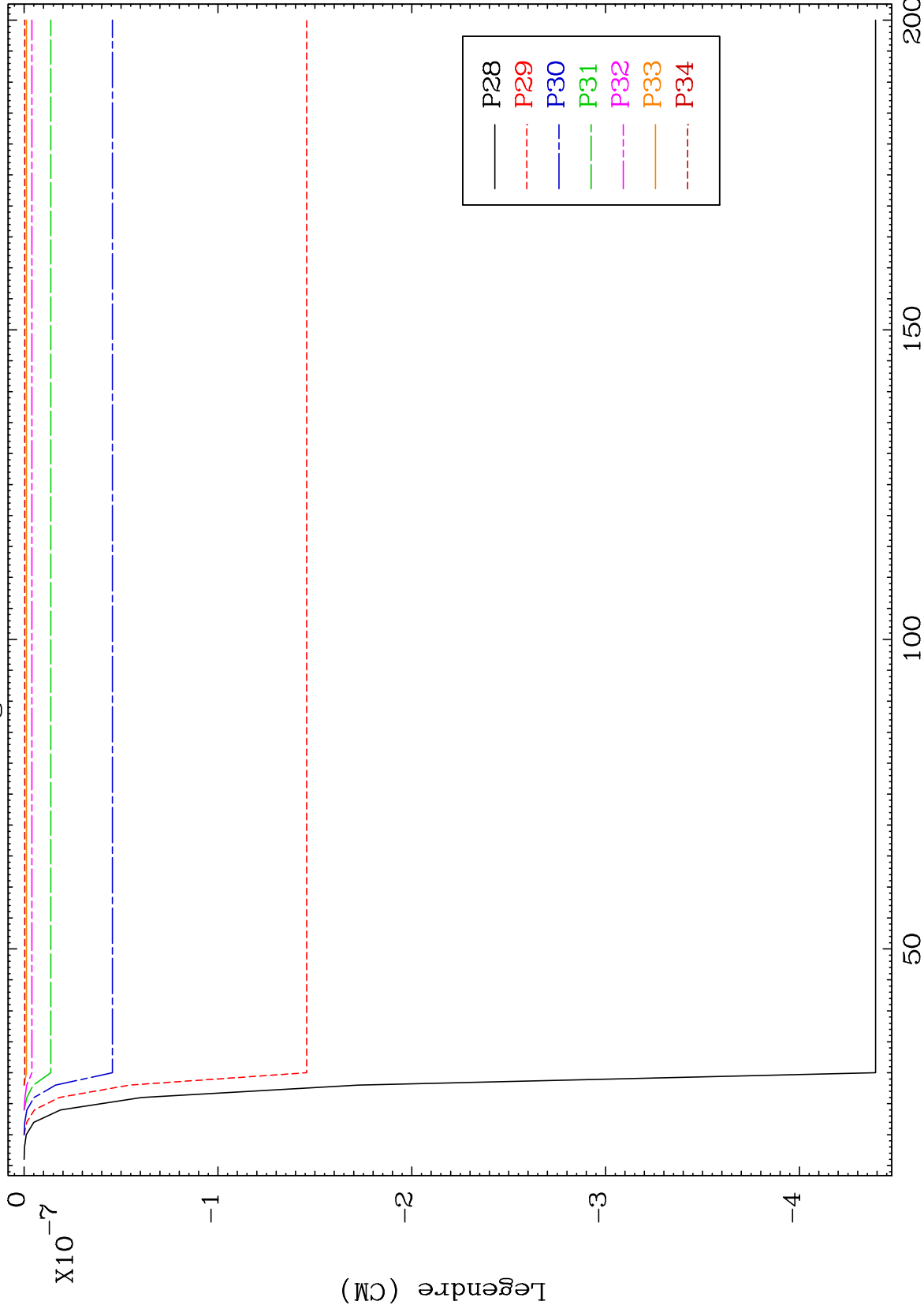
MAT 3922 MT= 63 (n,n') Level Legendre Coefficients 39-Y -88



MAT 3922

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

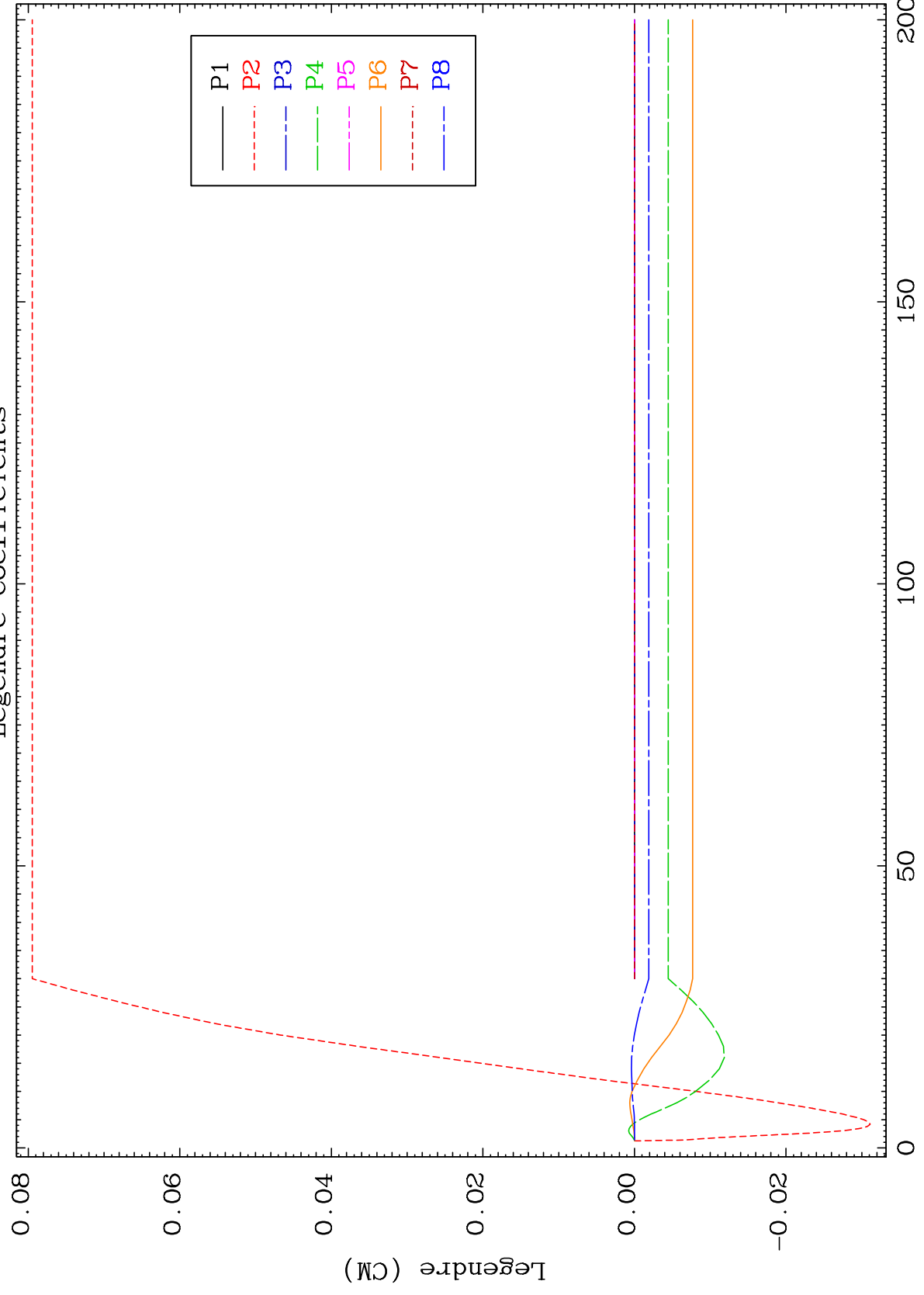
39-Y -88



62

39-Y -88

MAT 3922 MT= 64 (n,n') Level Legendre Coefficients 39-Y -88

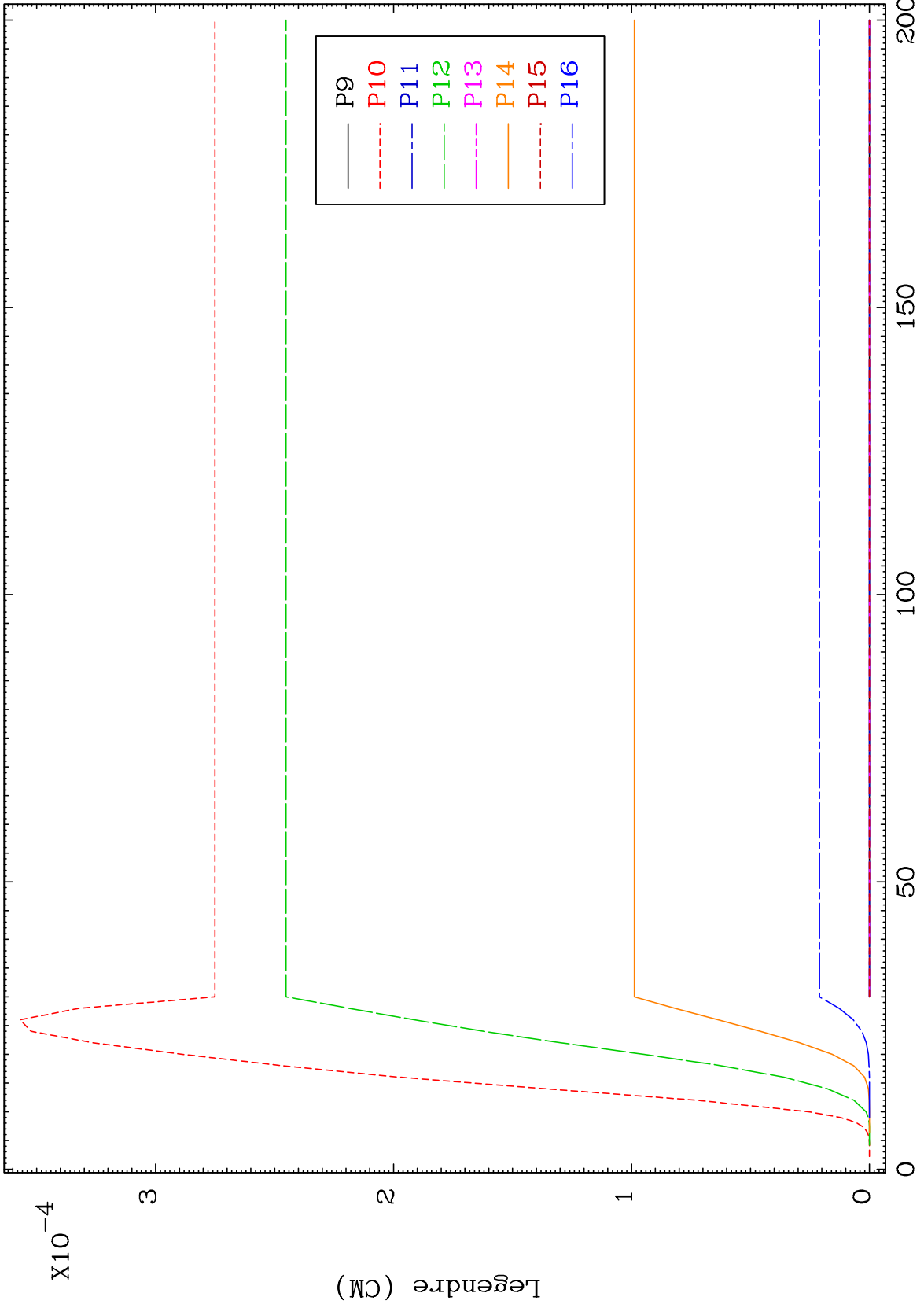


63 39-Y -88

MAT 3922

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

39-Y -88



64

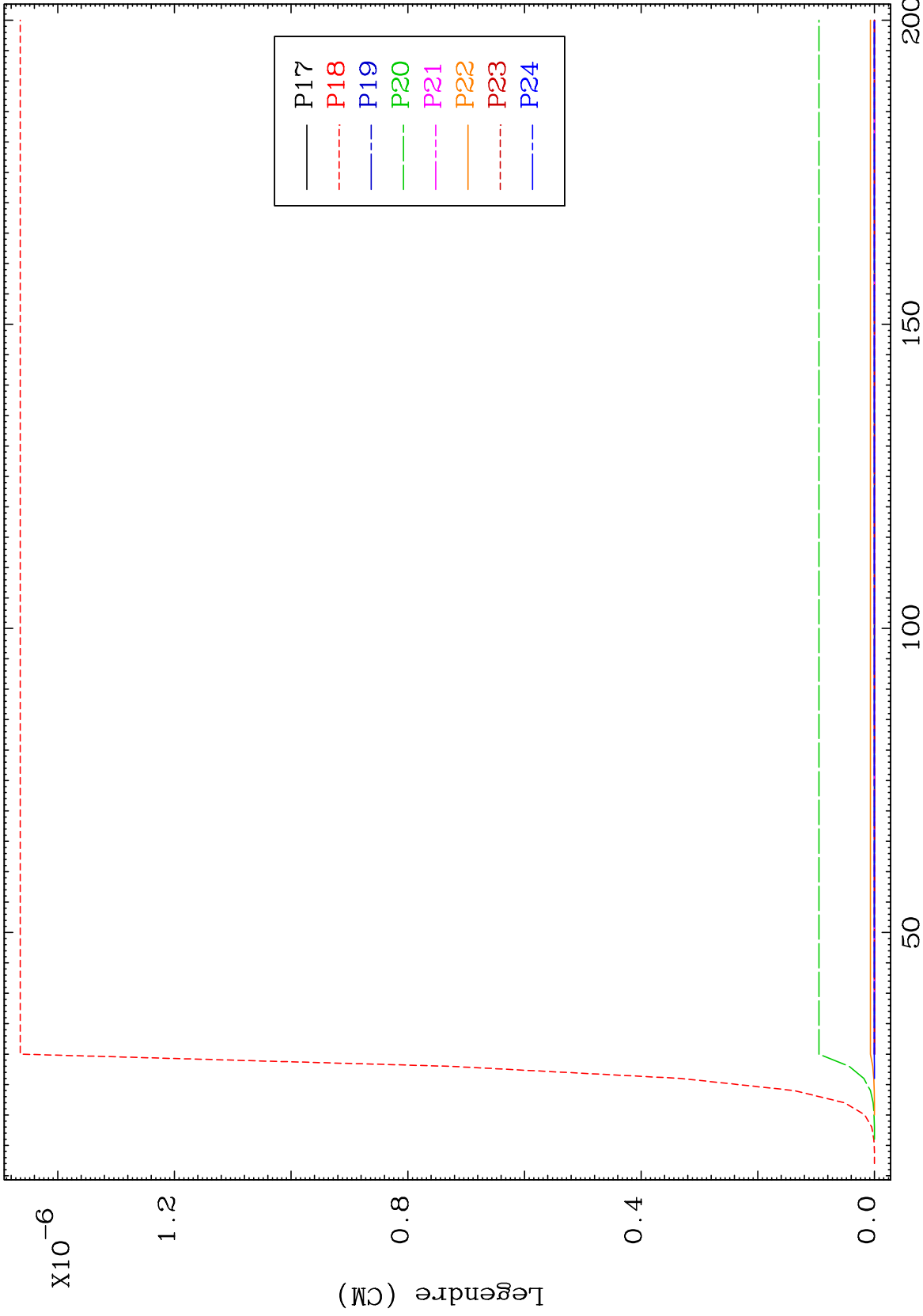
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



39-Y -88

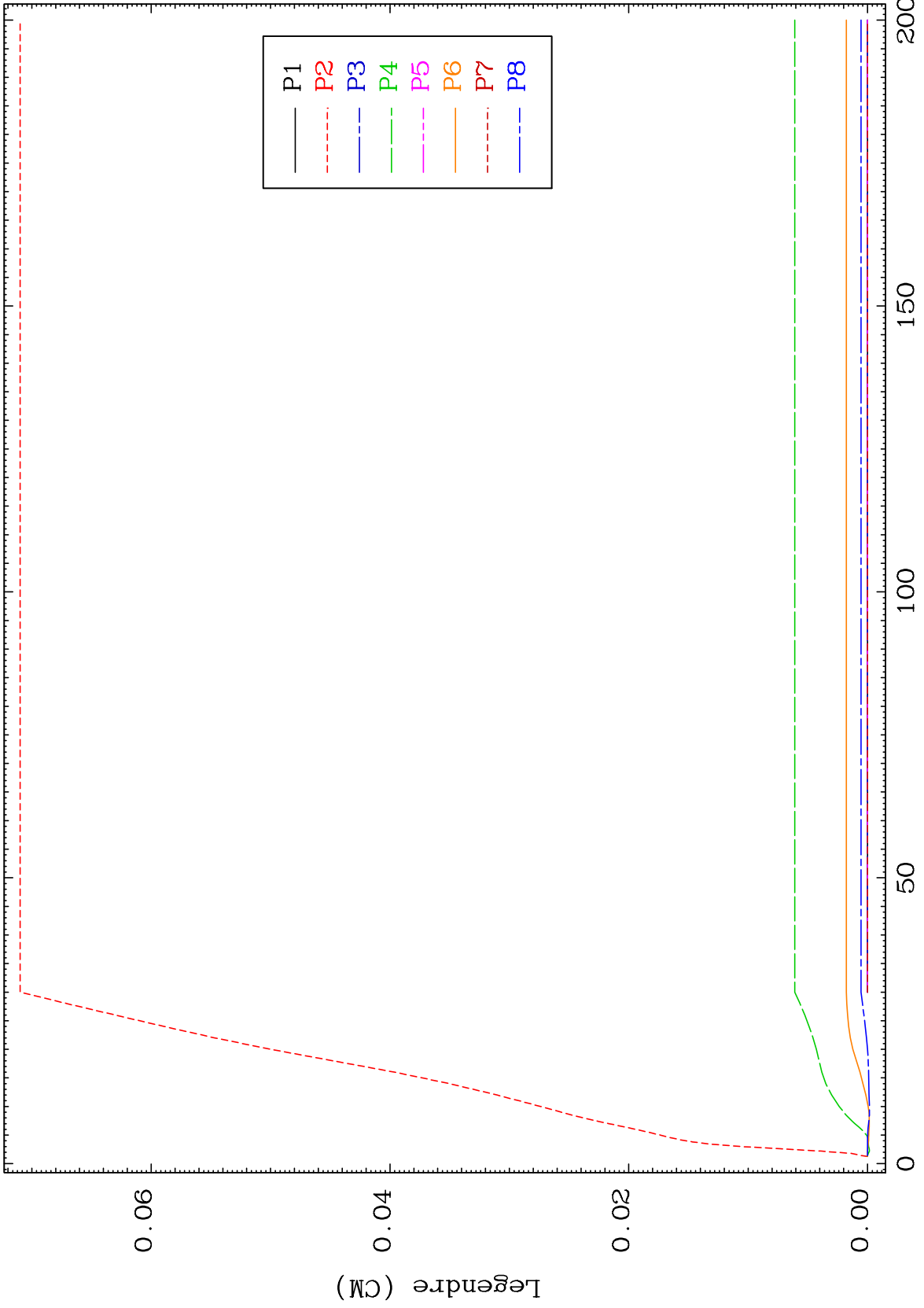
Incident Energy (MeV)

65

MAT 3922

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

39-Y -88



66

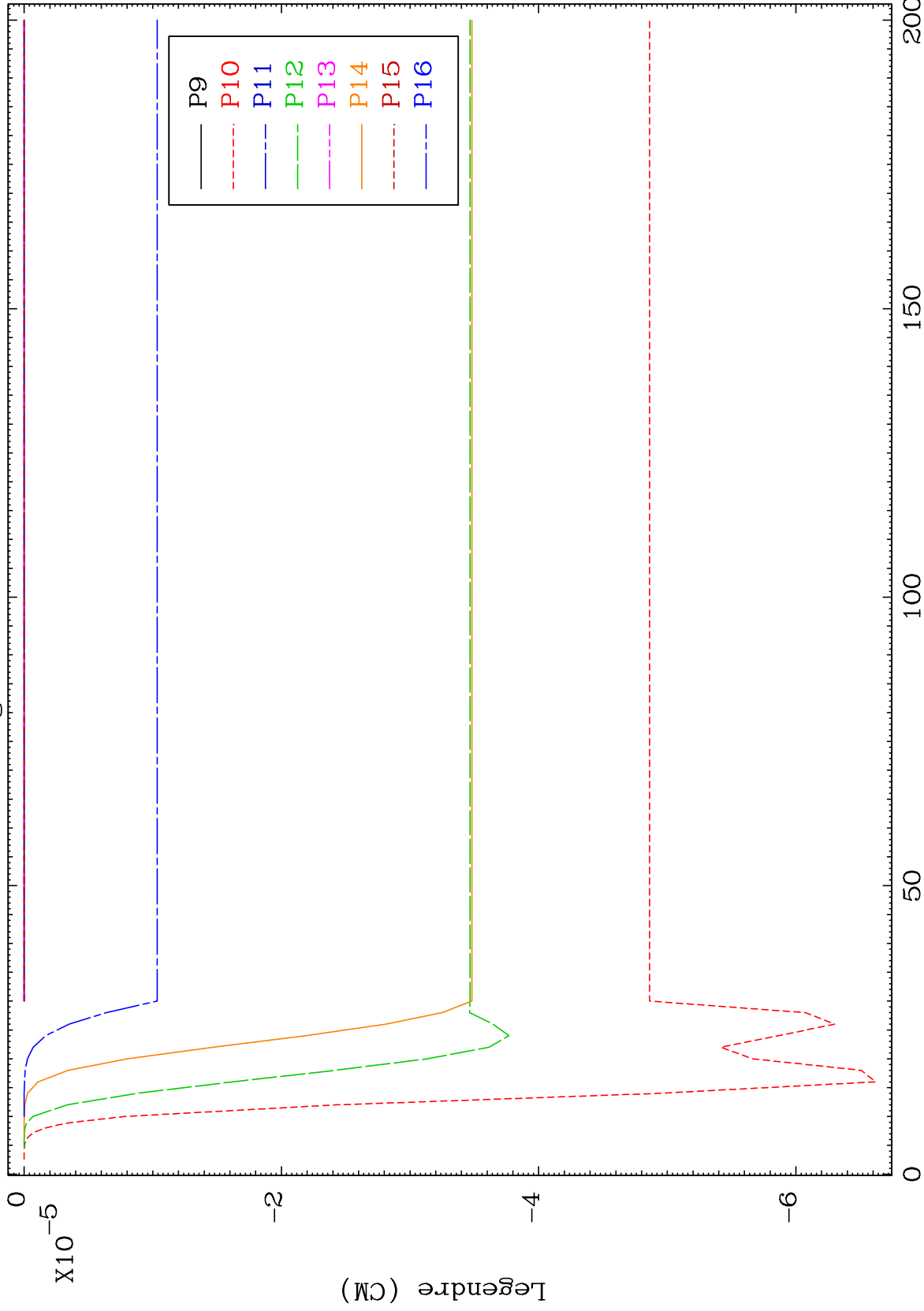
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



67

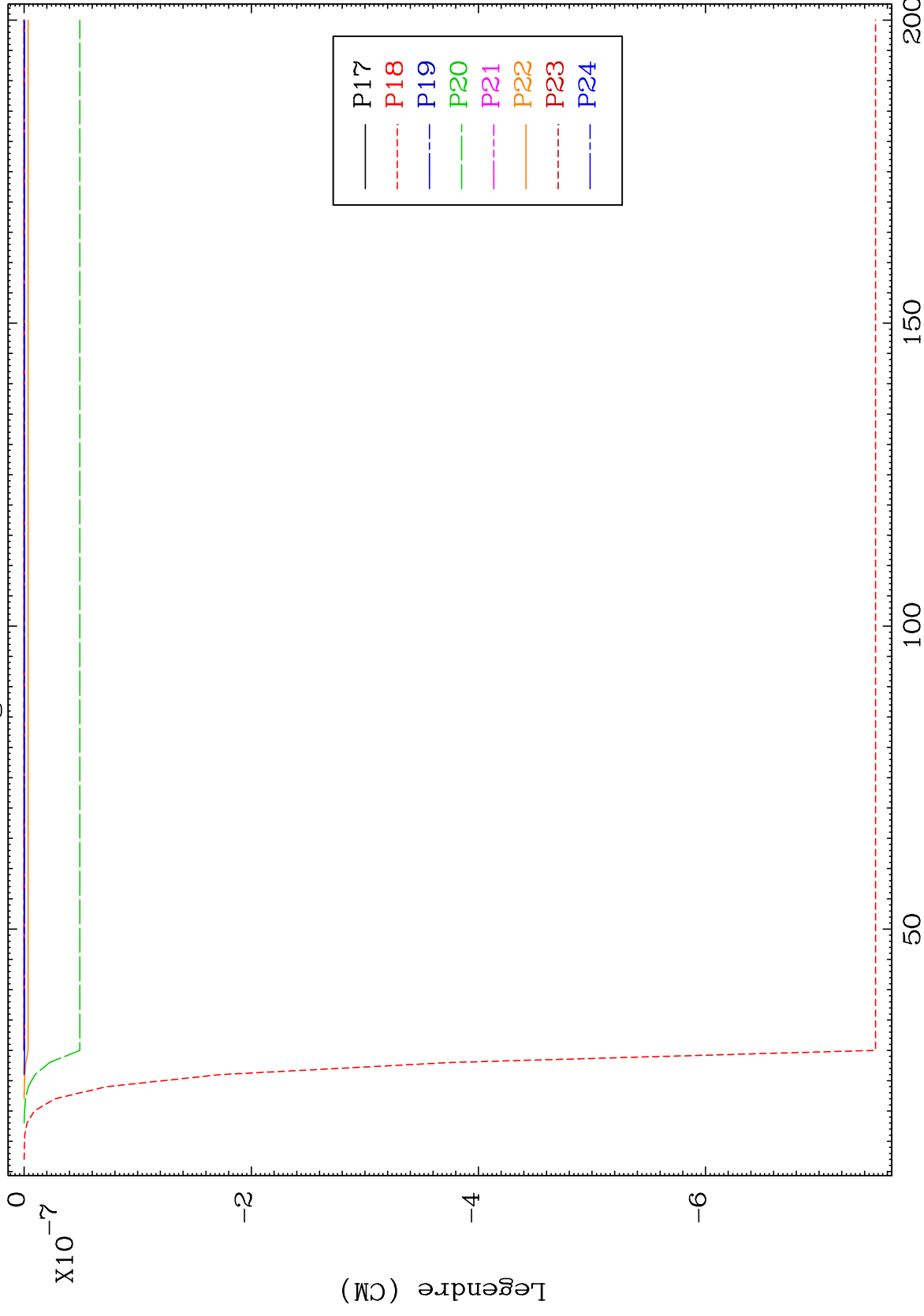
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



68

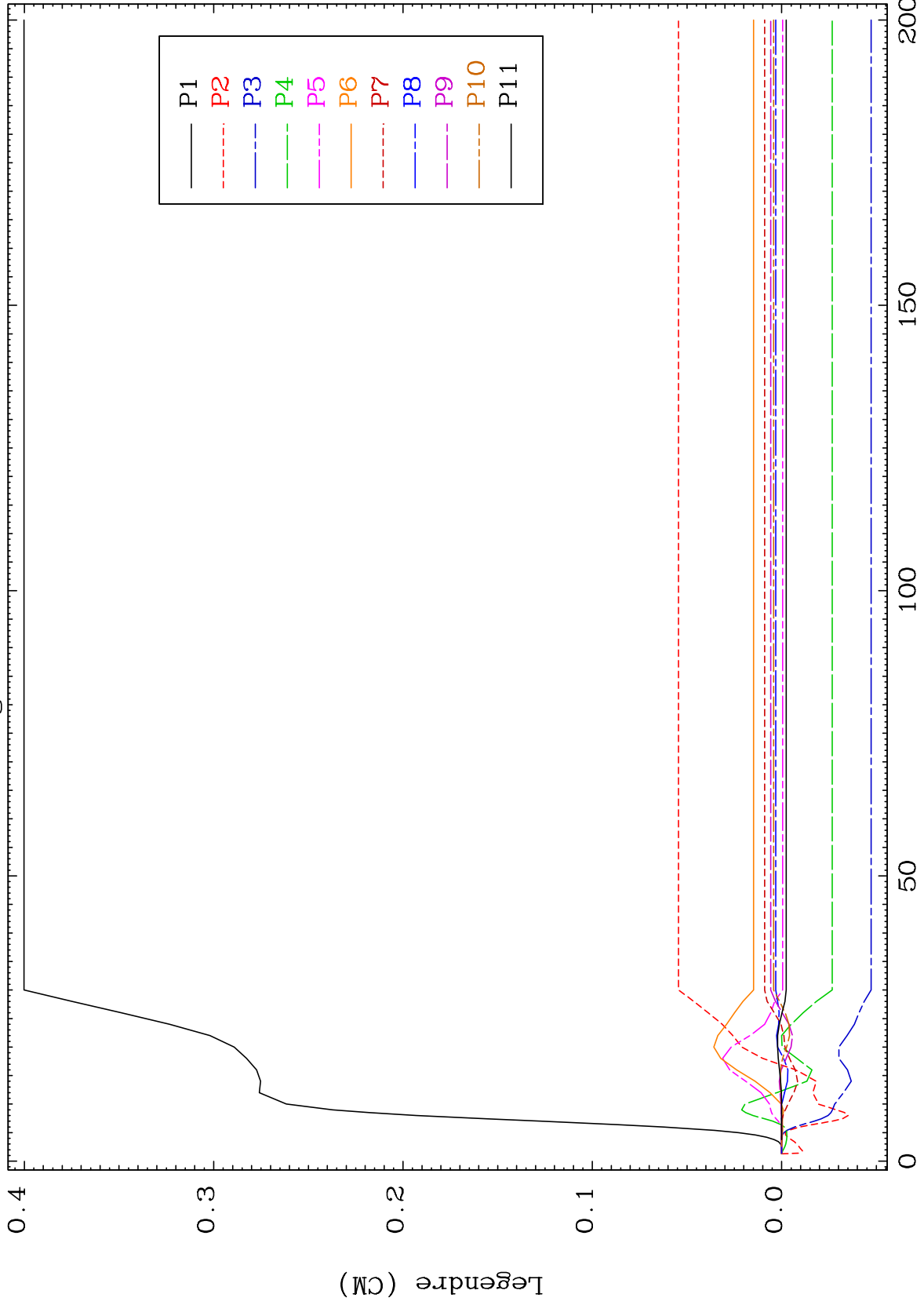
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



69

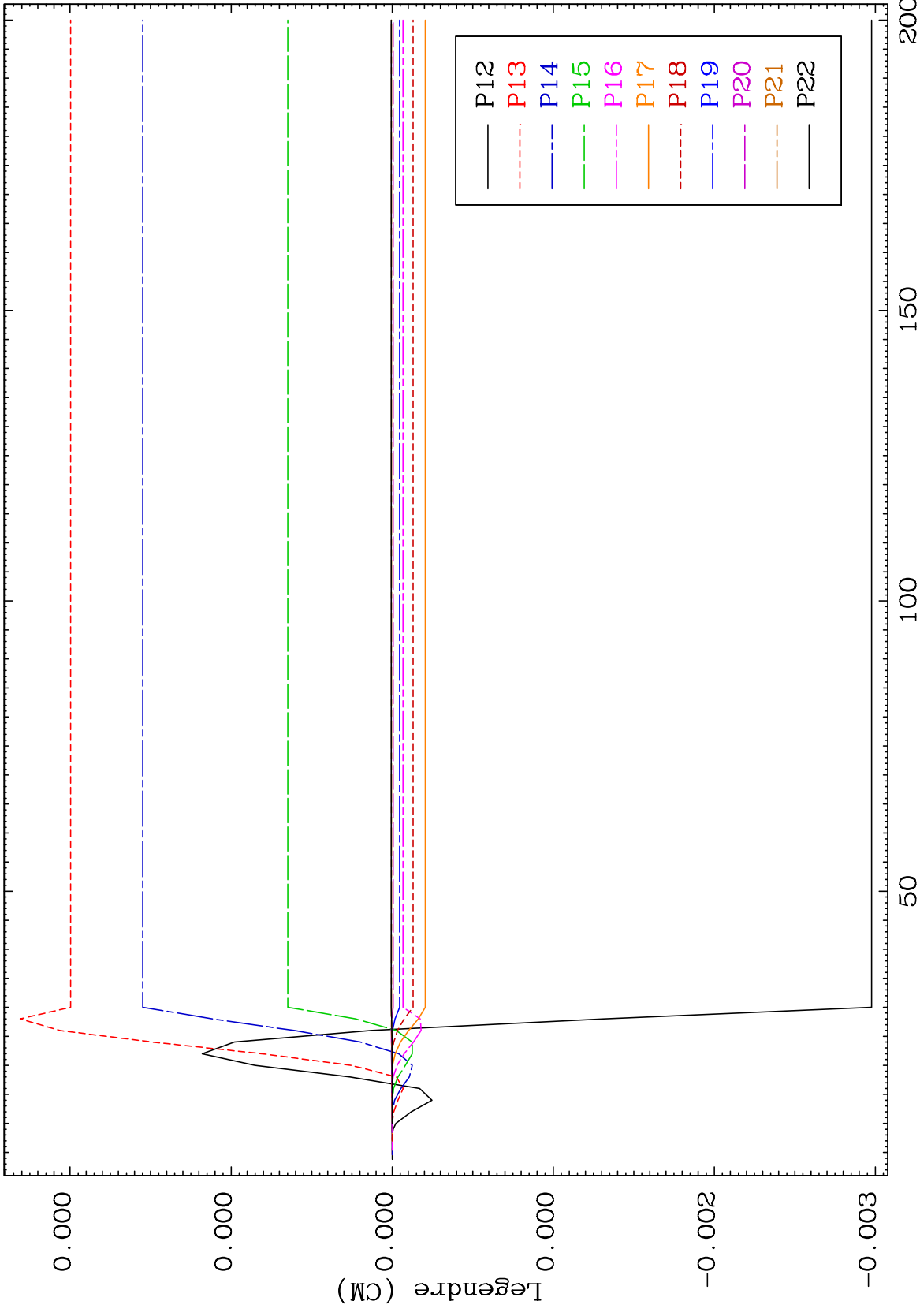
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



70

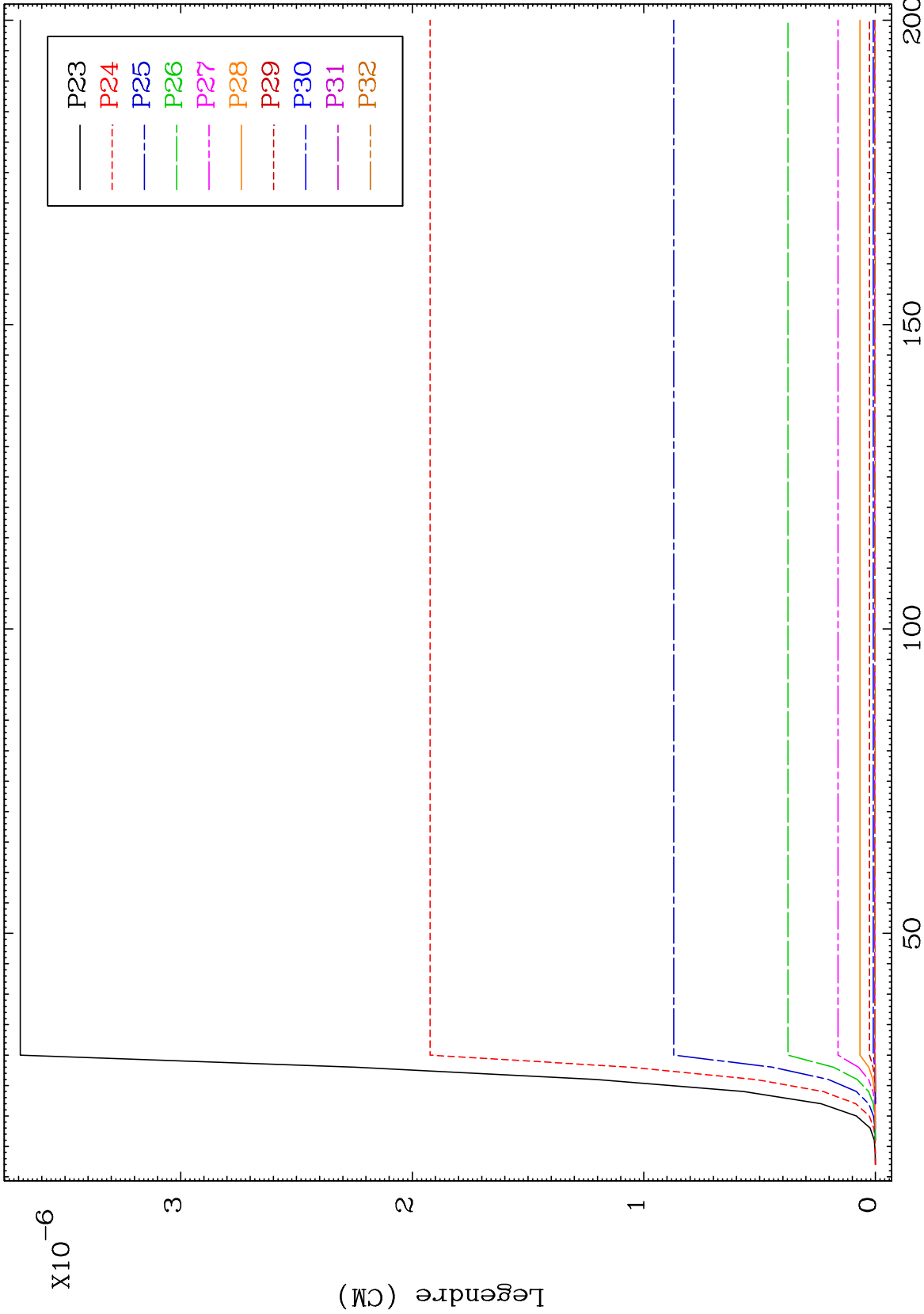
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



71

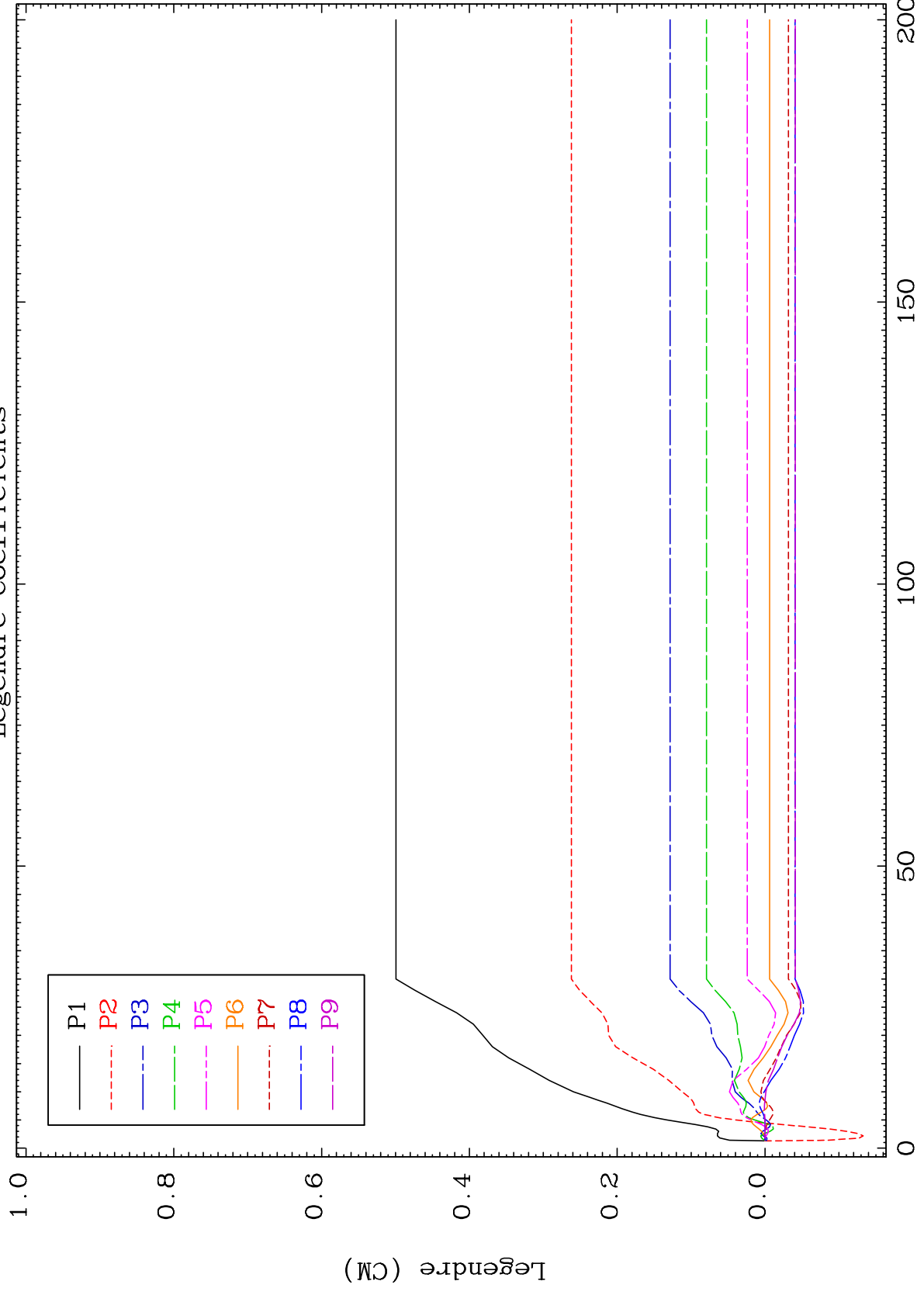
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



72

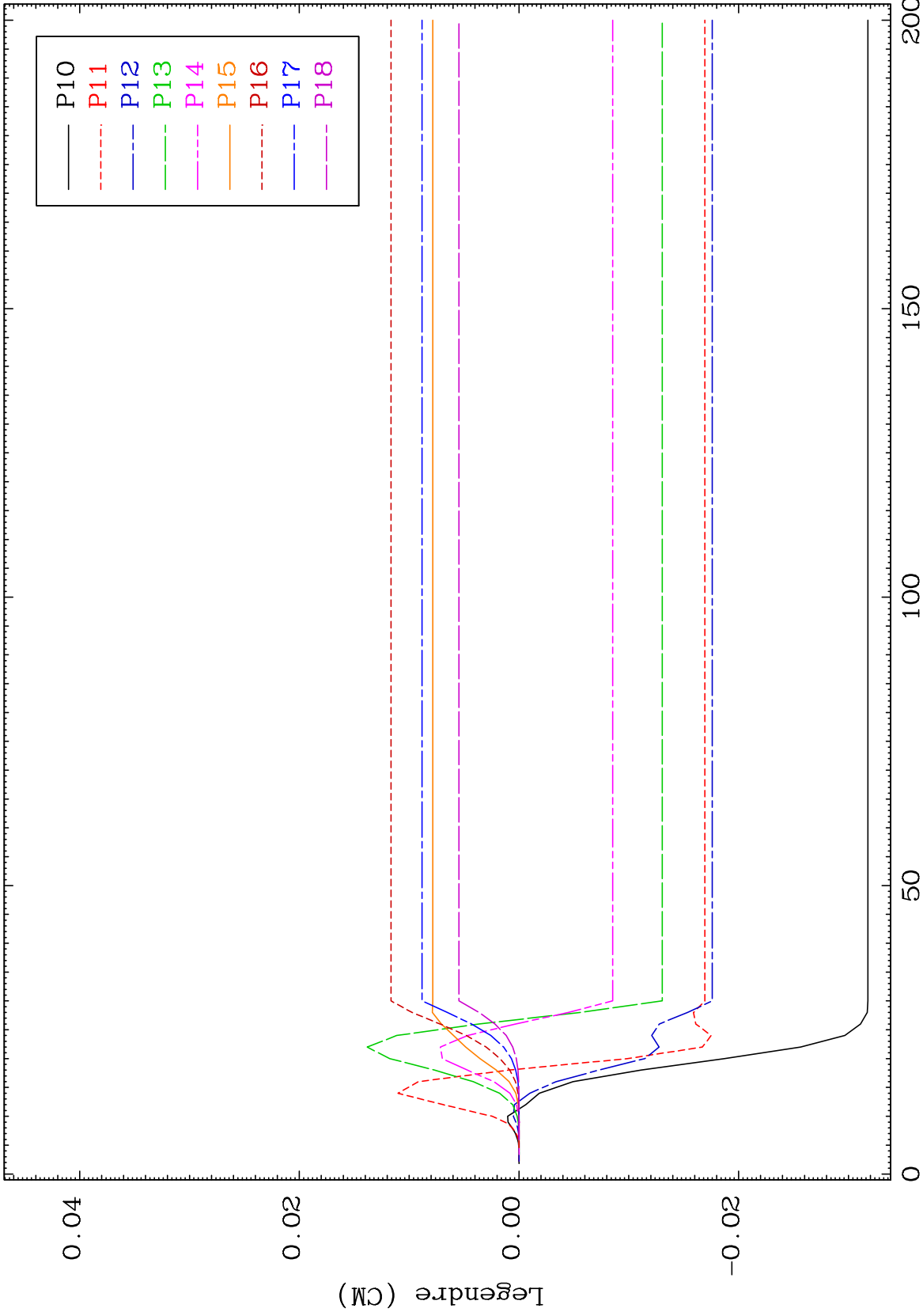
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



73

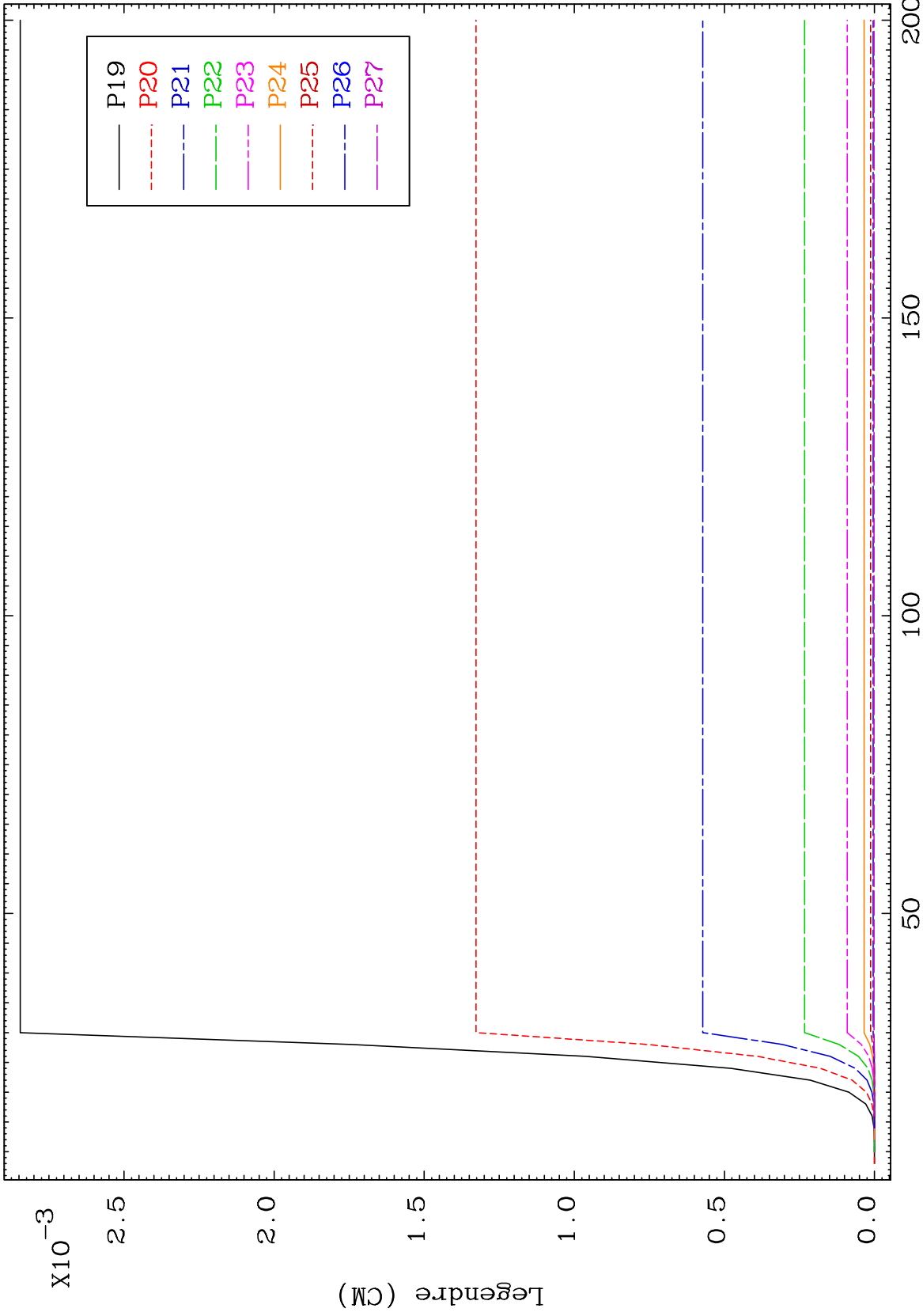
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



74

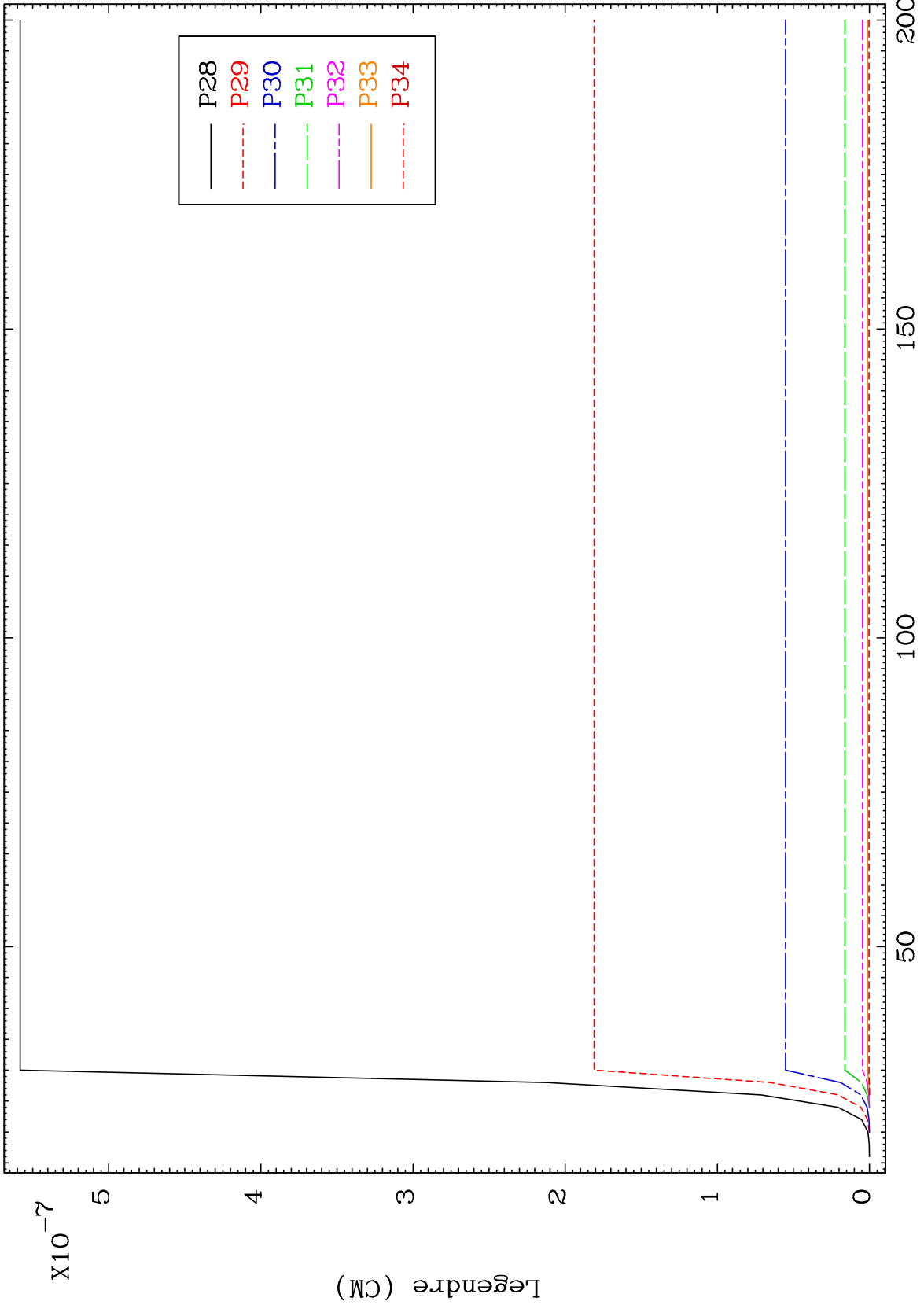
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



75

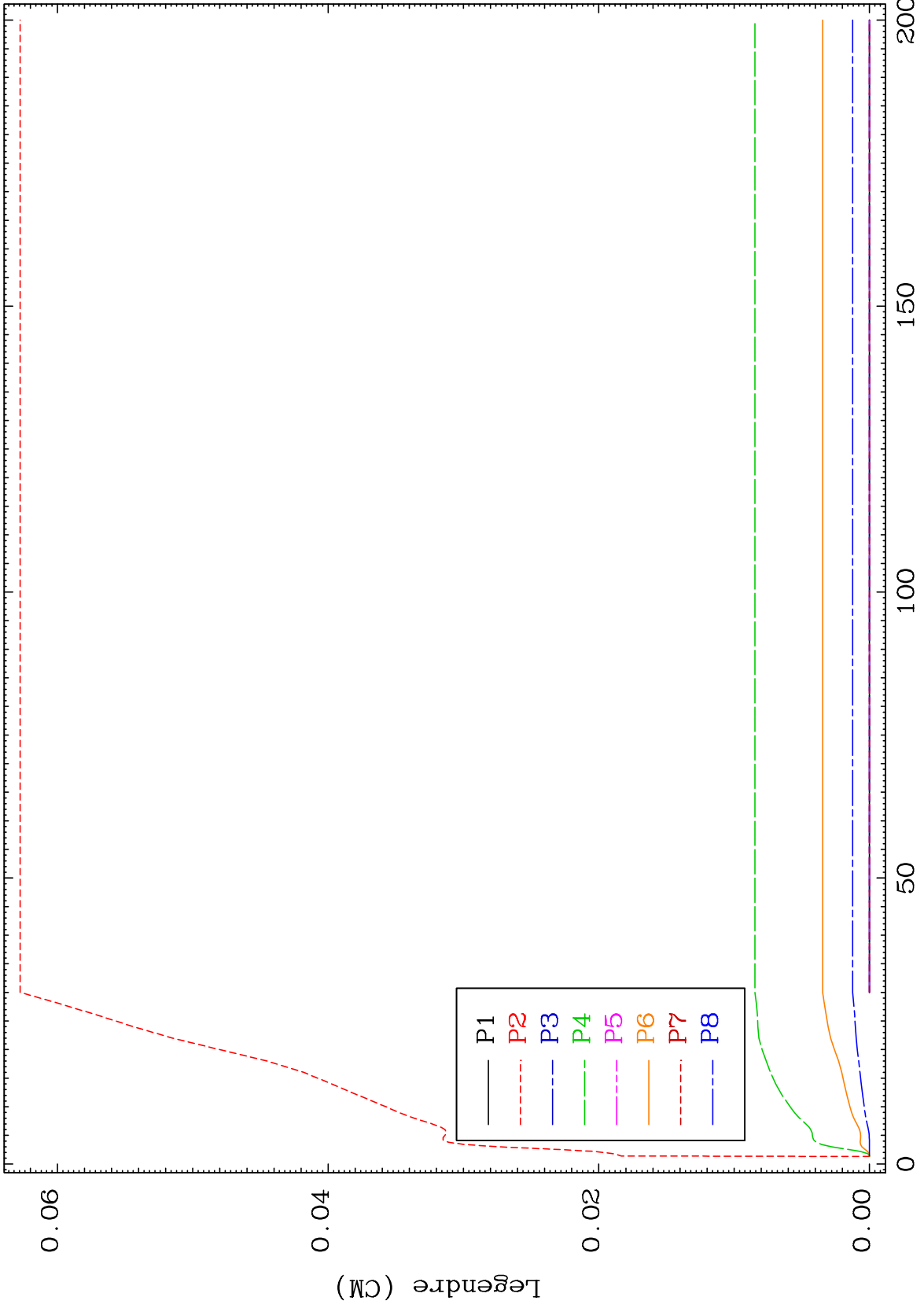
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



76

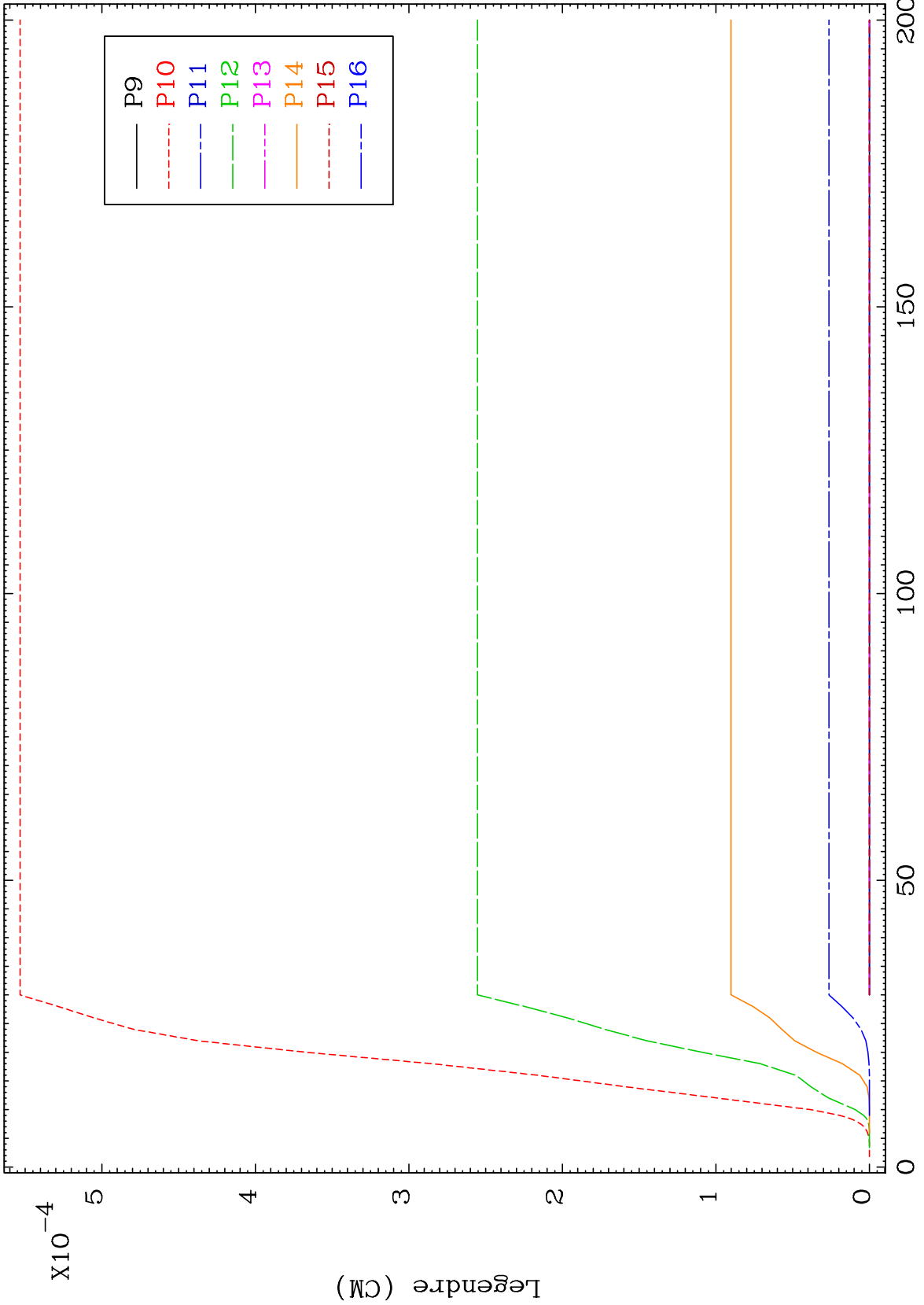
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88

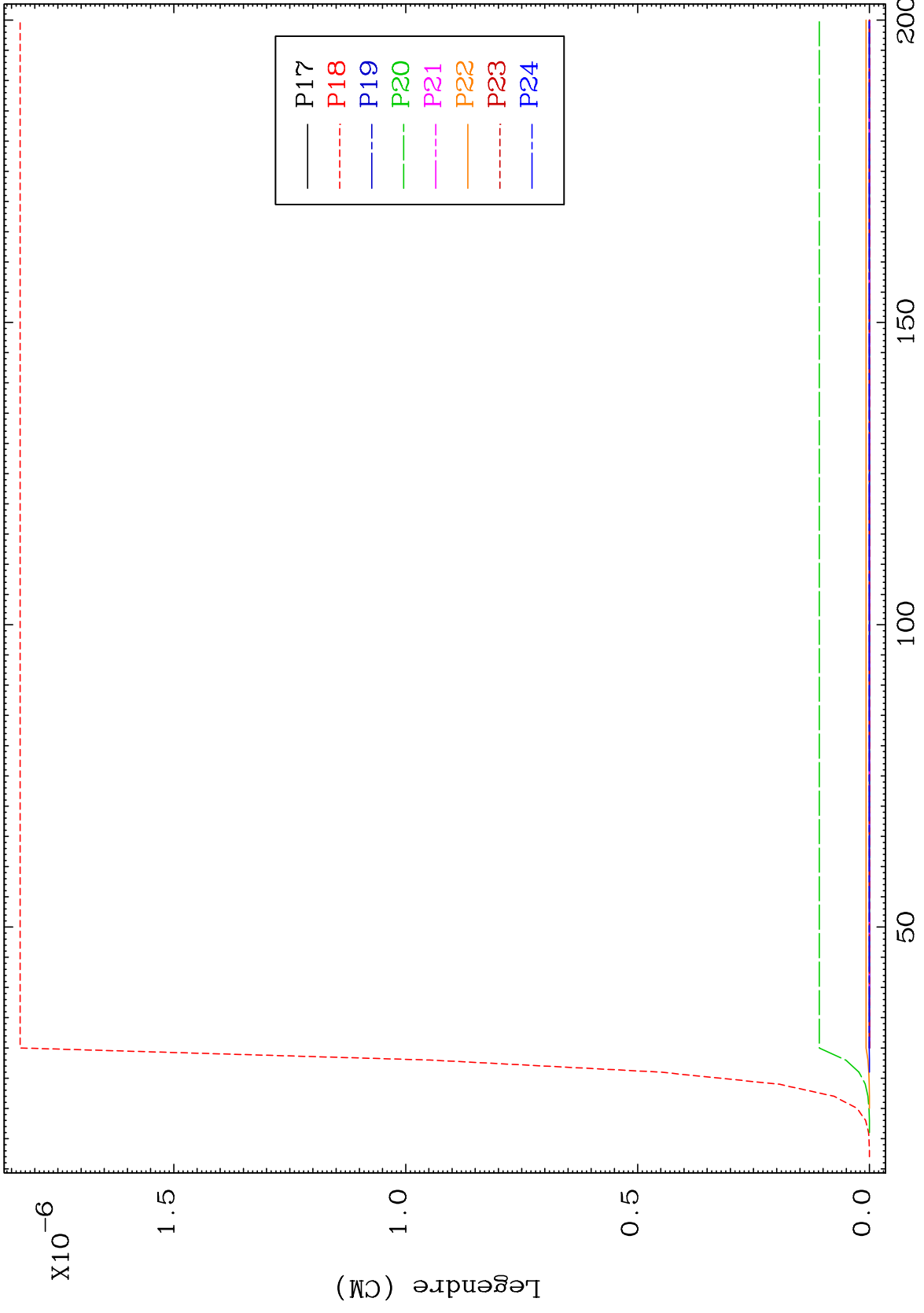


77

Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 68 (n,n') Level Legendre Coefficients 39-Y -88

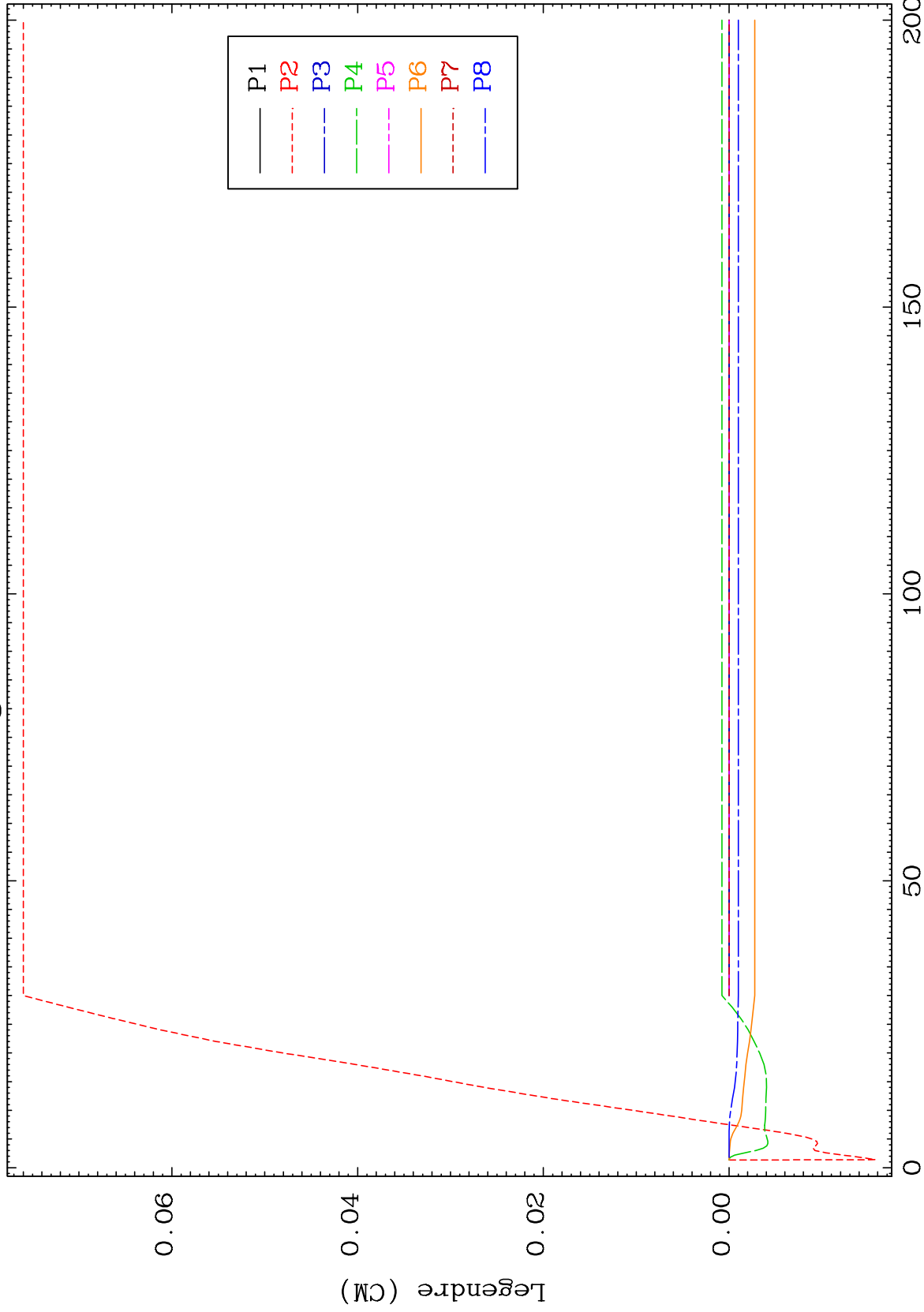


78 39-Y -88

MAT 3922

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

39-Y -88



79

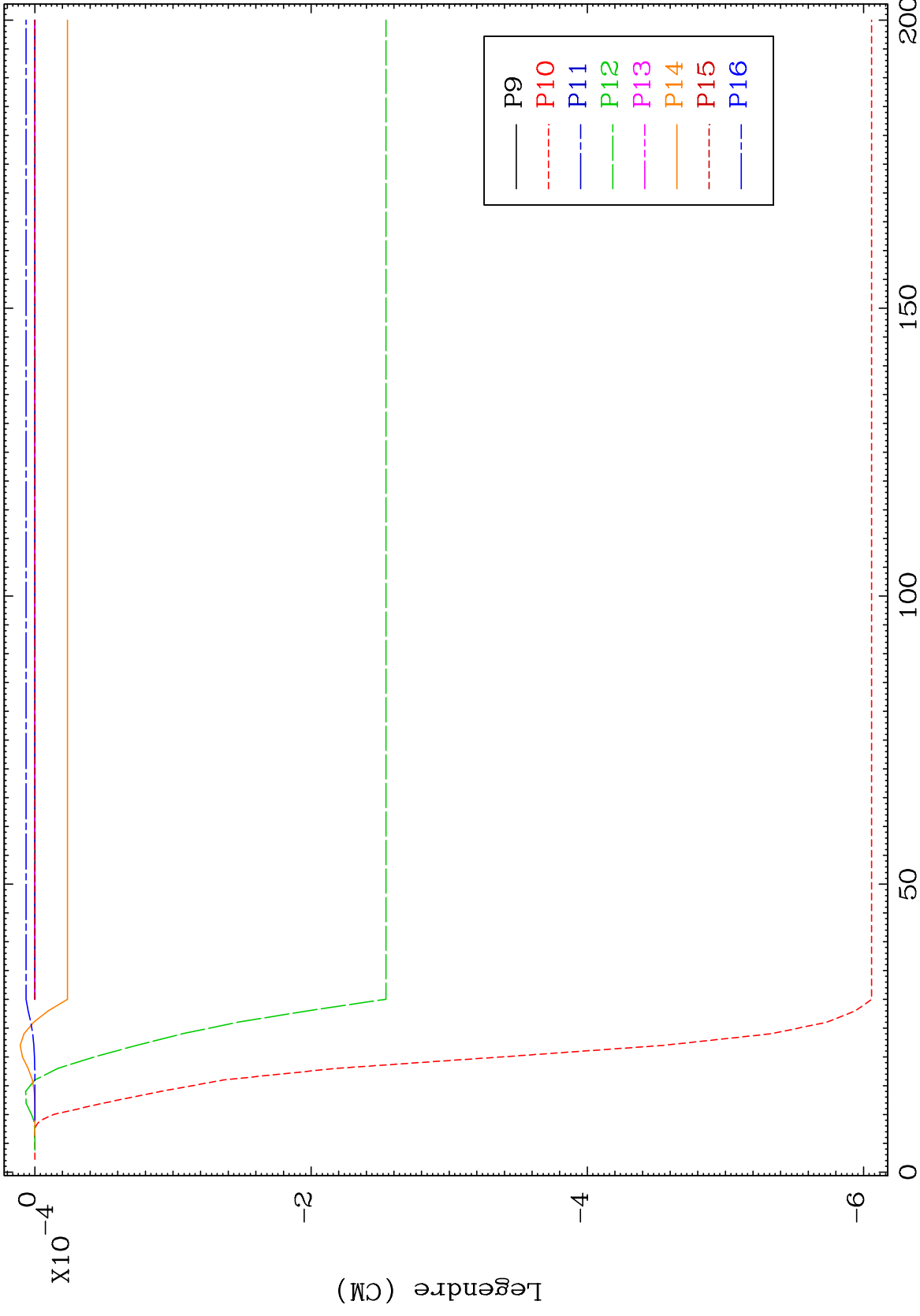
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



39-Y -88

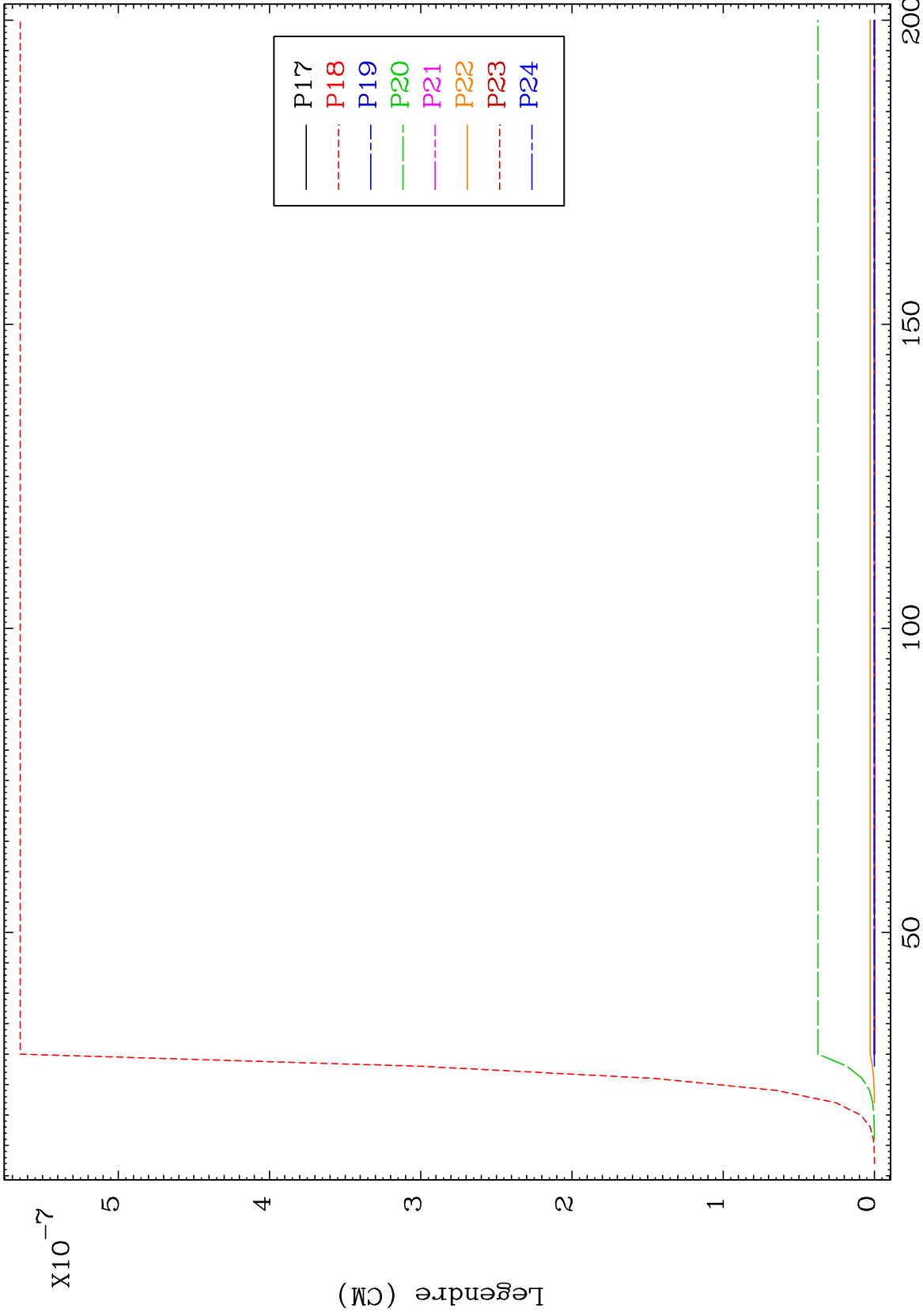
Incident Energy (MeV)

80

MAT 3922

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

39-Y -88



81

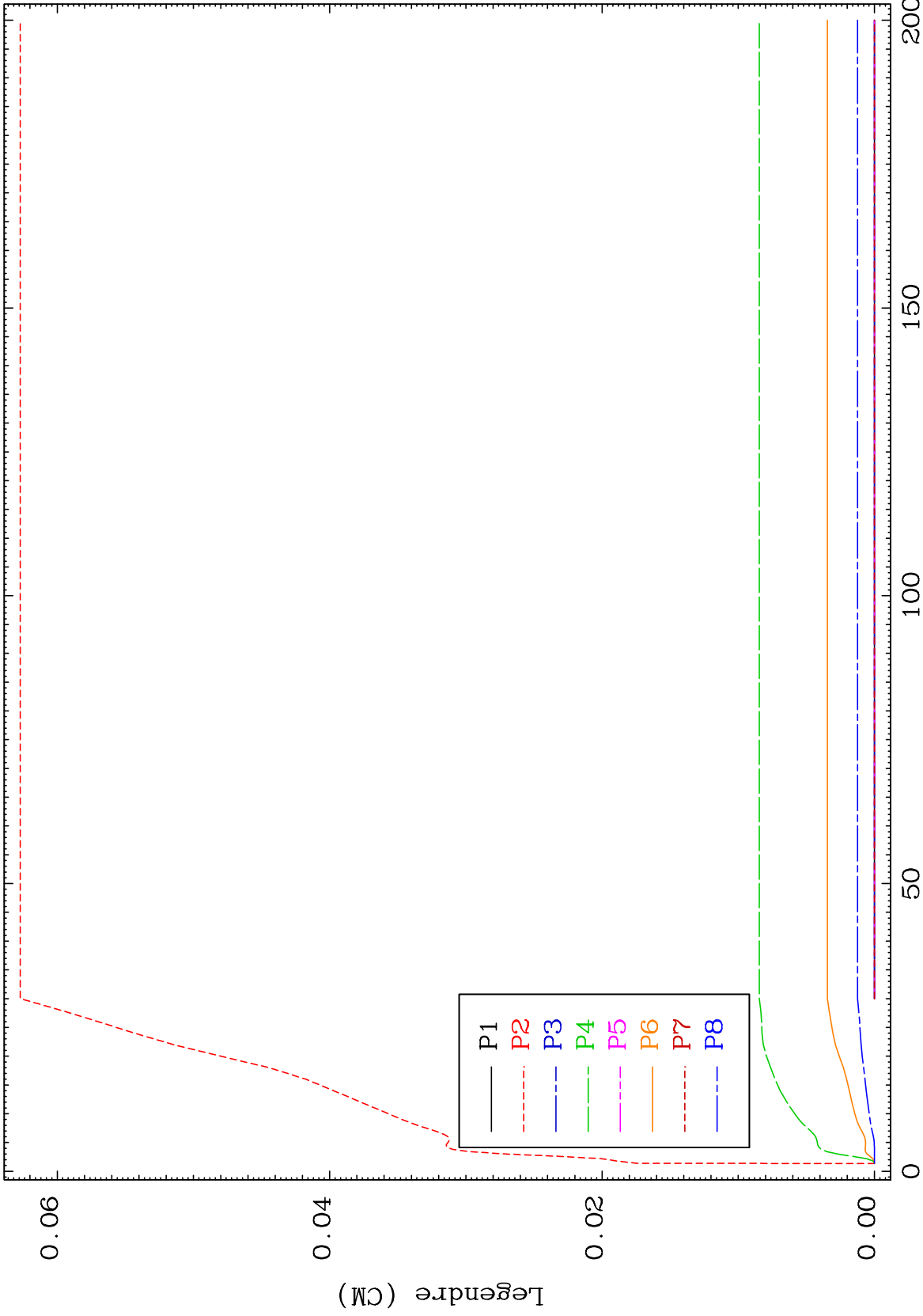
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



82

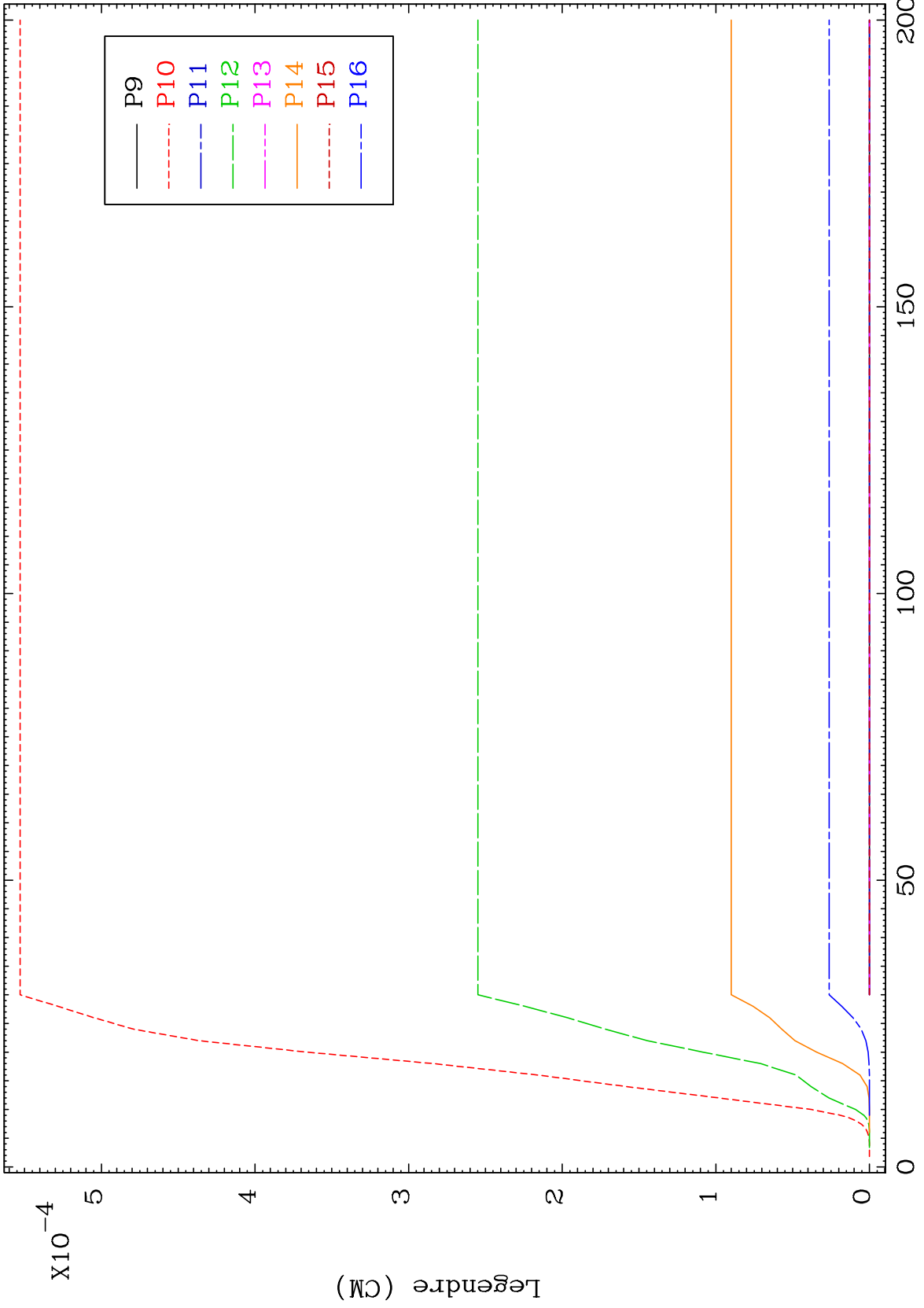
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



83

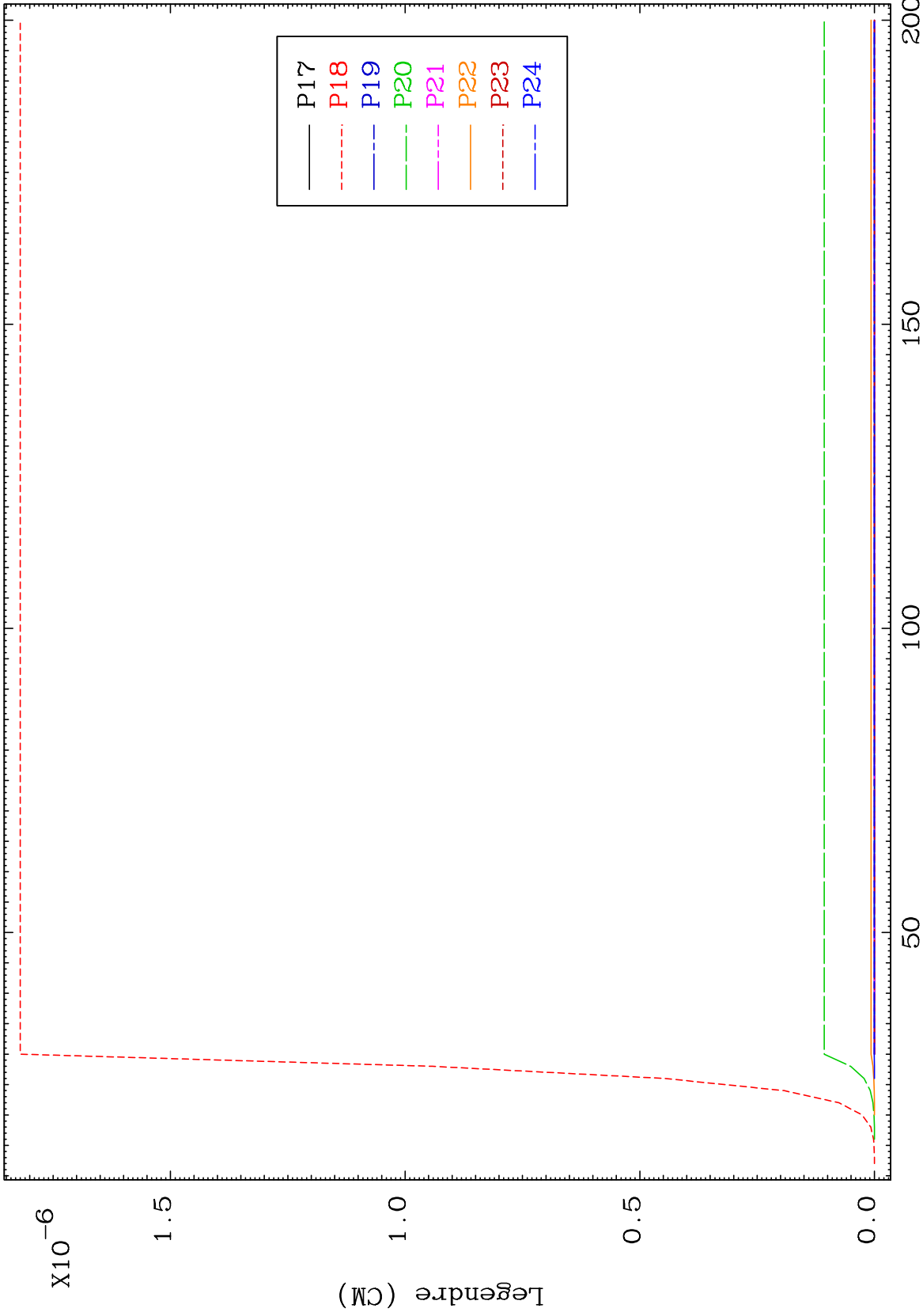
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88

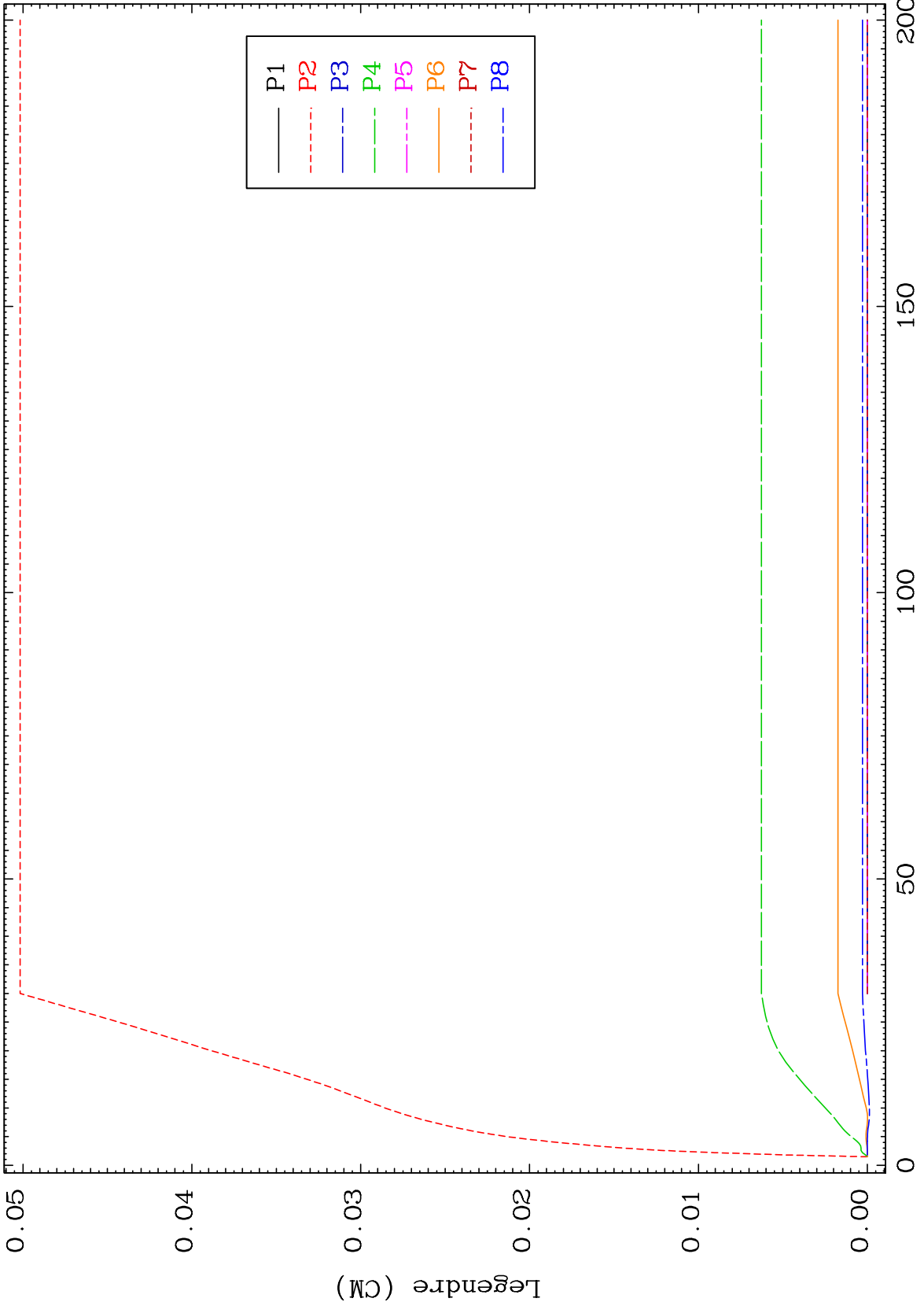


39-Y -88

Incident Energy (MeV)

84

MAT 3922 MT= 71 (n,n') Level Legendre Coefficients 39-Y -88

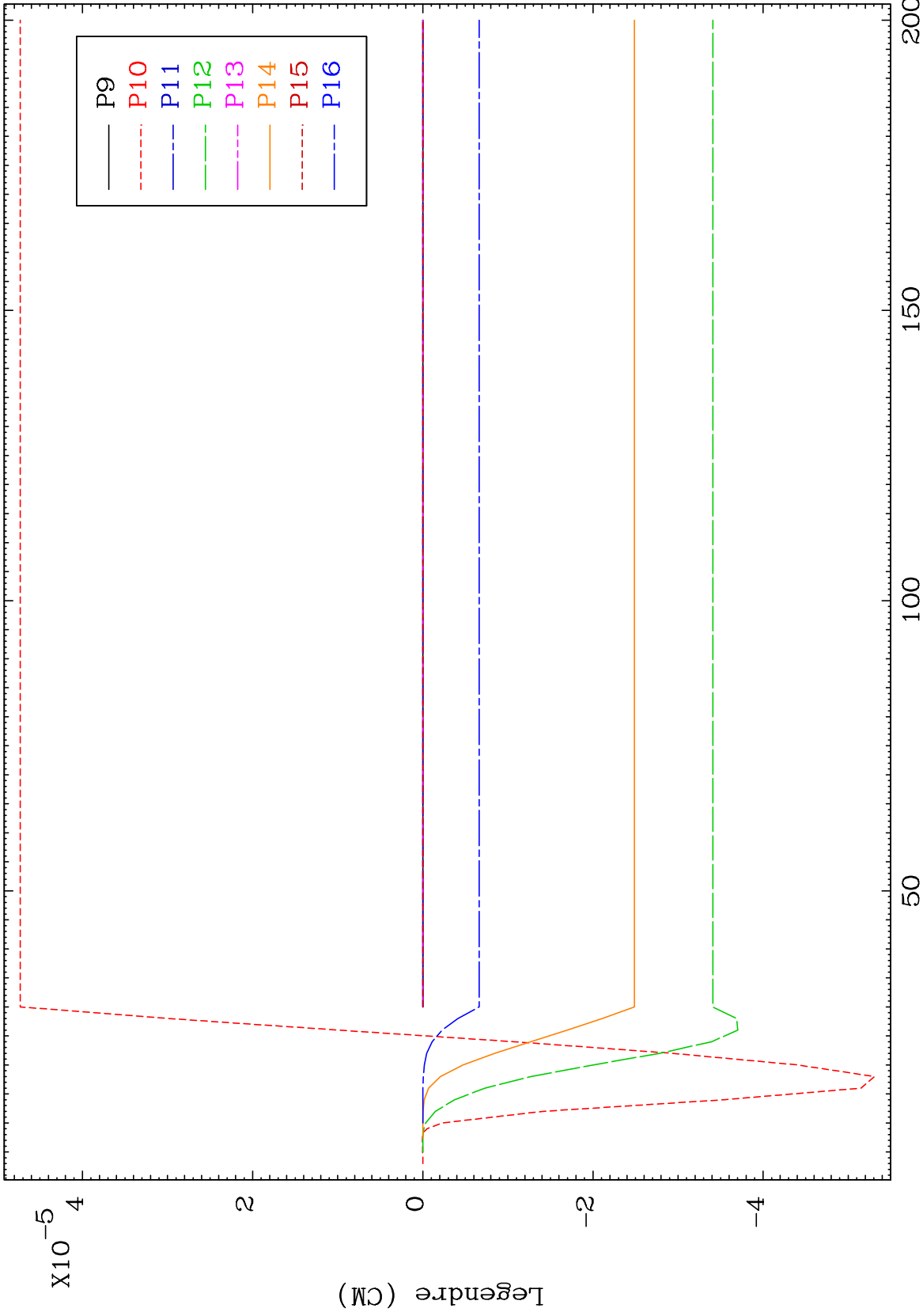


85 Incident Energy (MeV) 39-Y -88

MAT 3922

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

39-Y -88



86

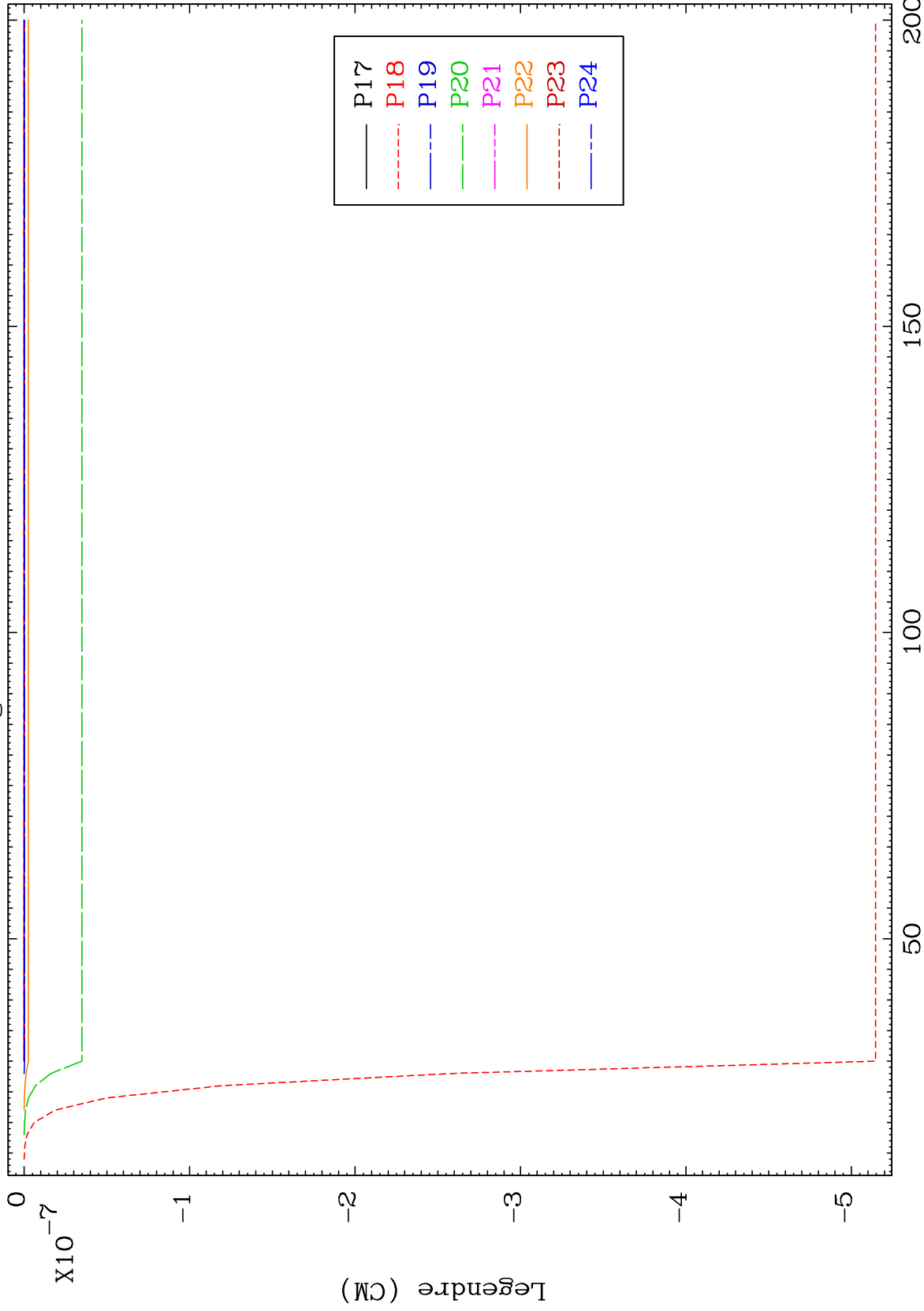
Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 71 (n,n') Level

39-Y -88

Legendre Coefficients



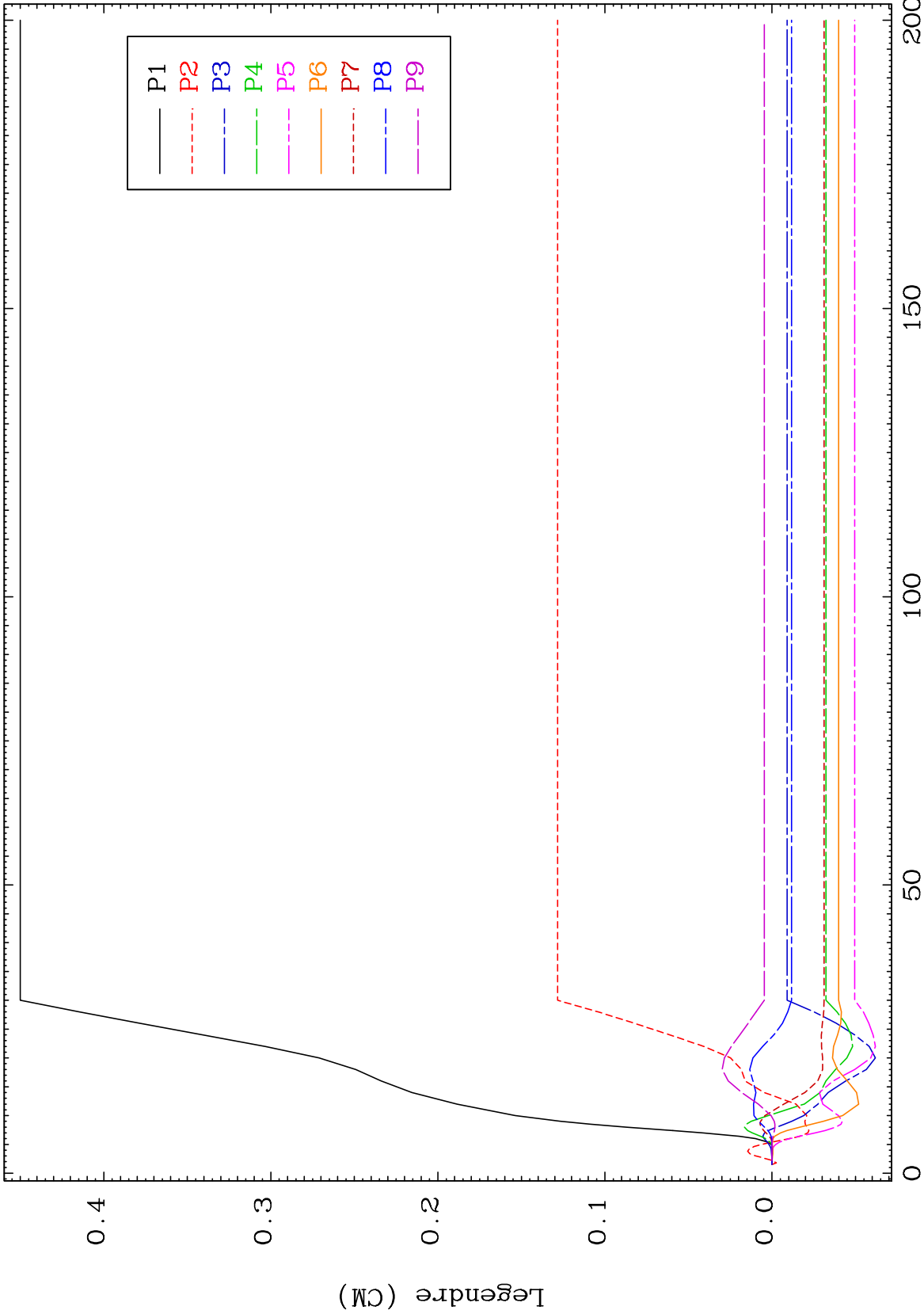
87

39-Y -88

MAT 3922

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

39-Y -88



88

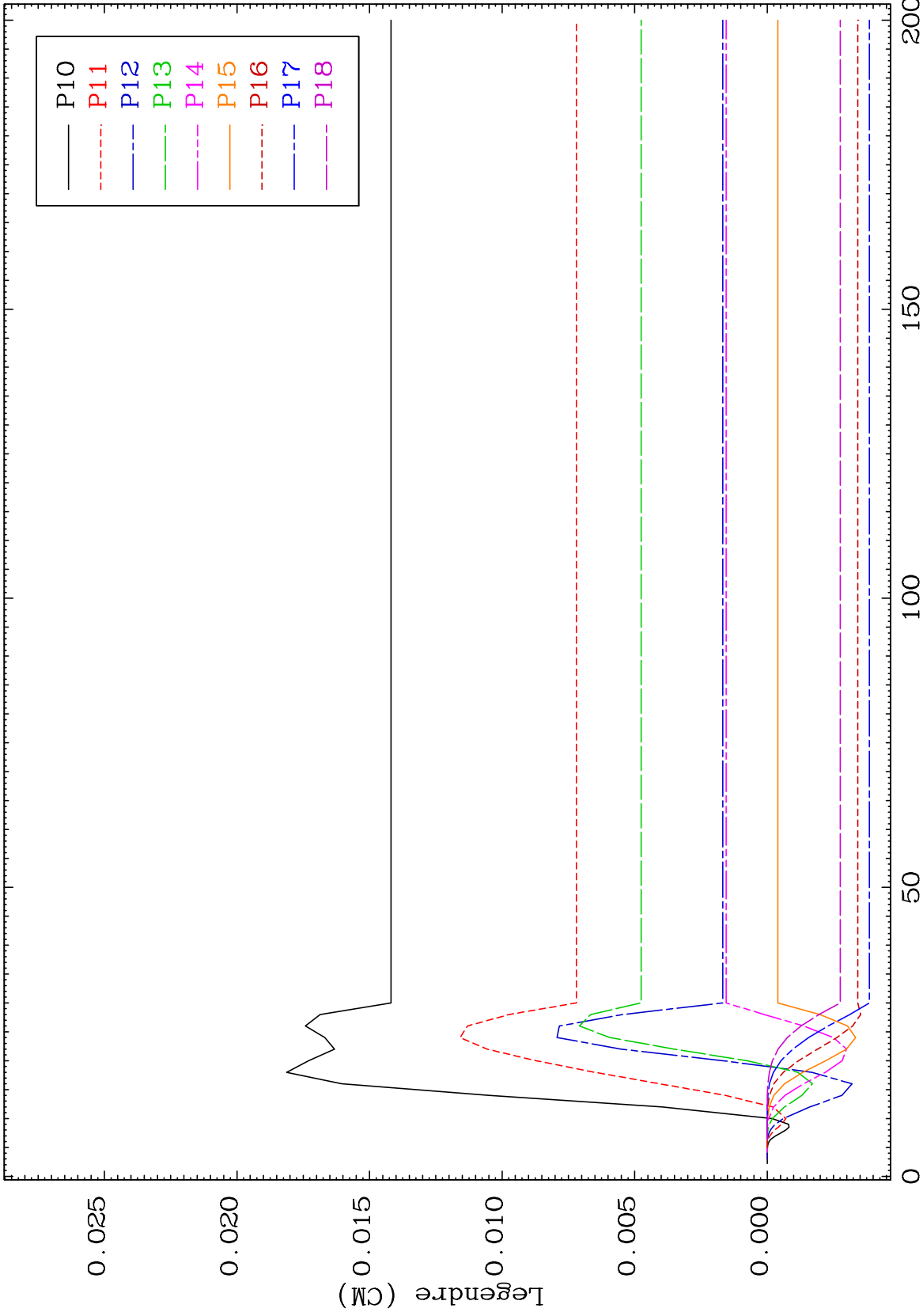
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



89

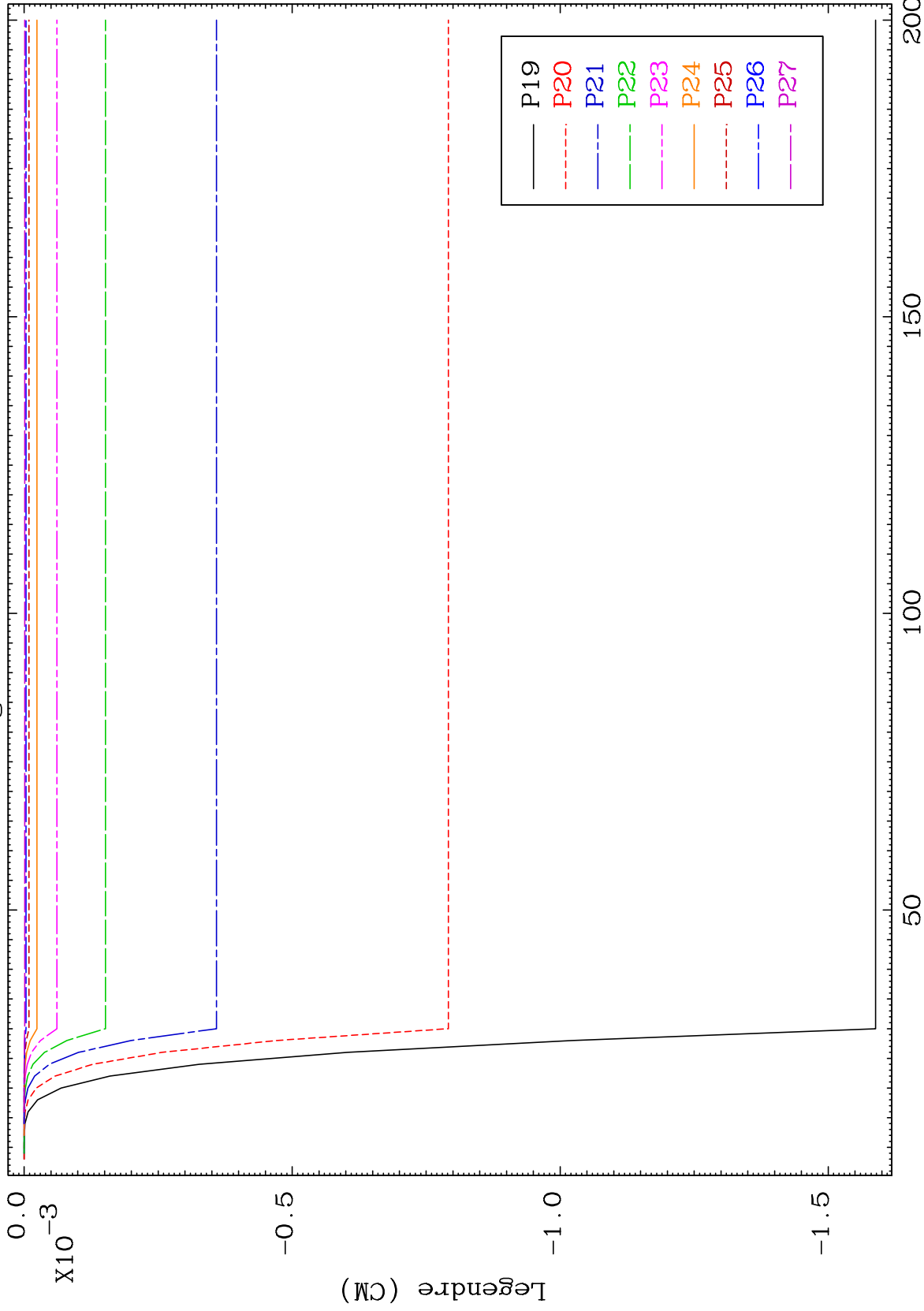
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88

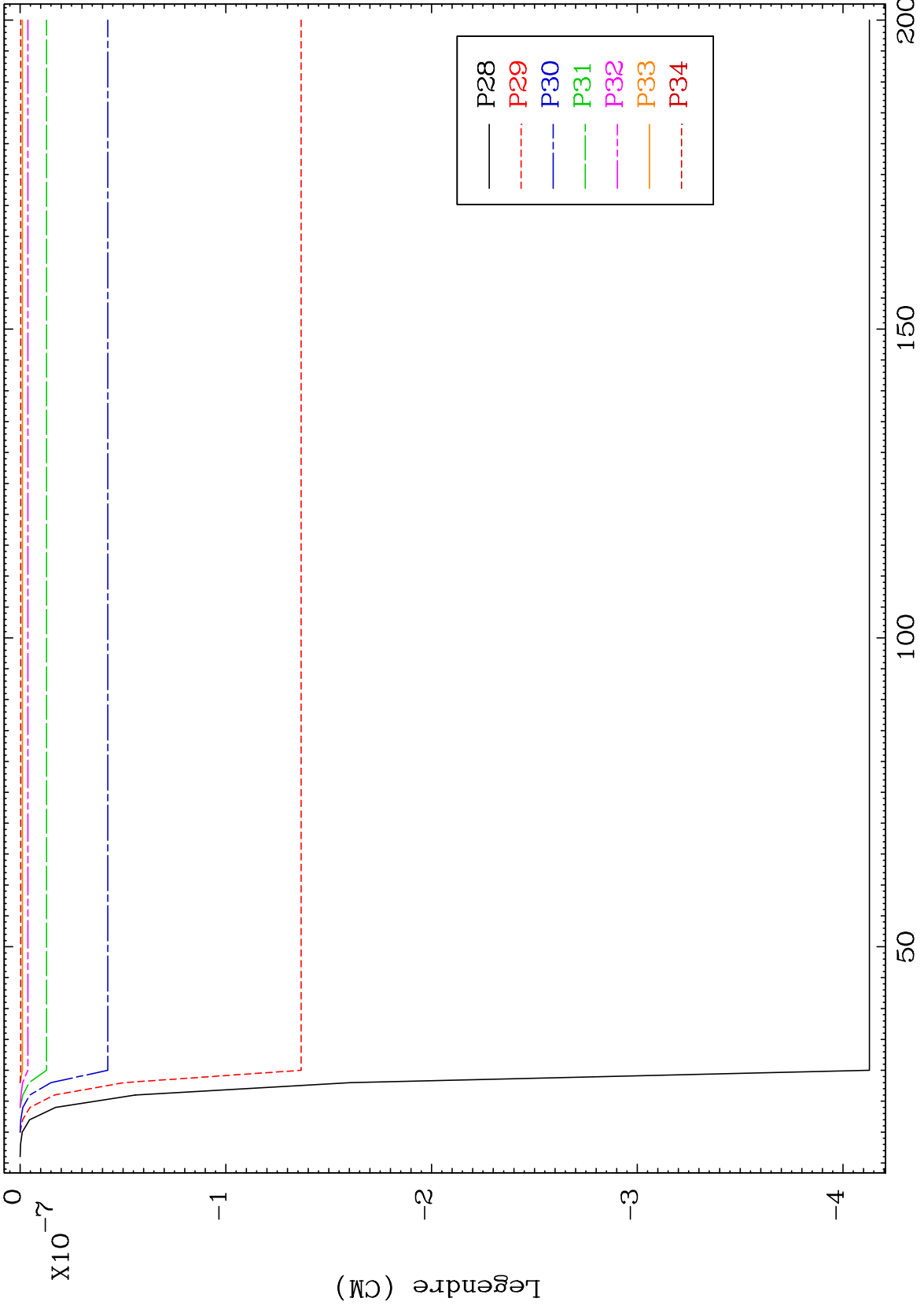


90

Incident Energy (MeV)

39-Y -88

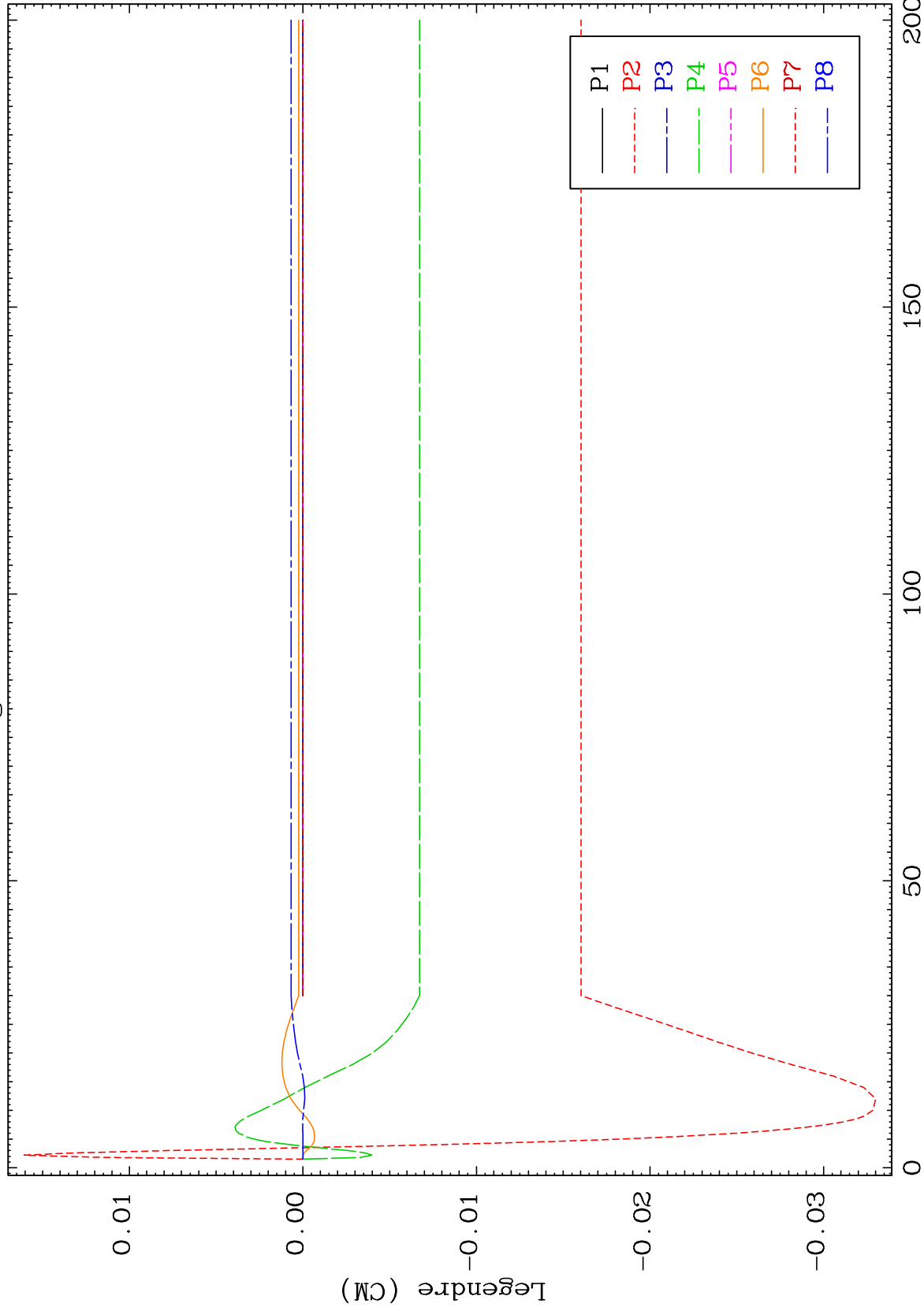
MAT 3922 MT= 72 (n,n') Level Legendre Coefficients 39-Y -88



MAT 3922

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

39-Y -88



92

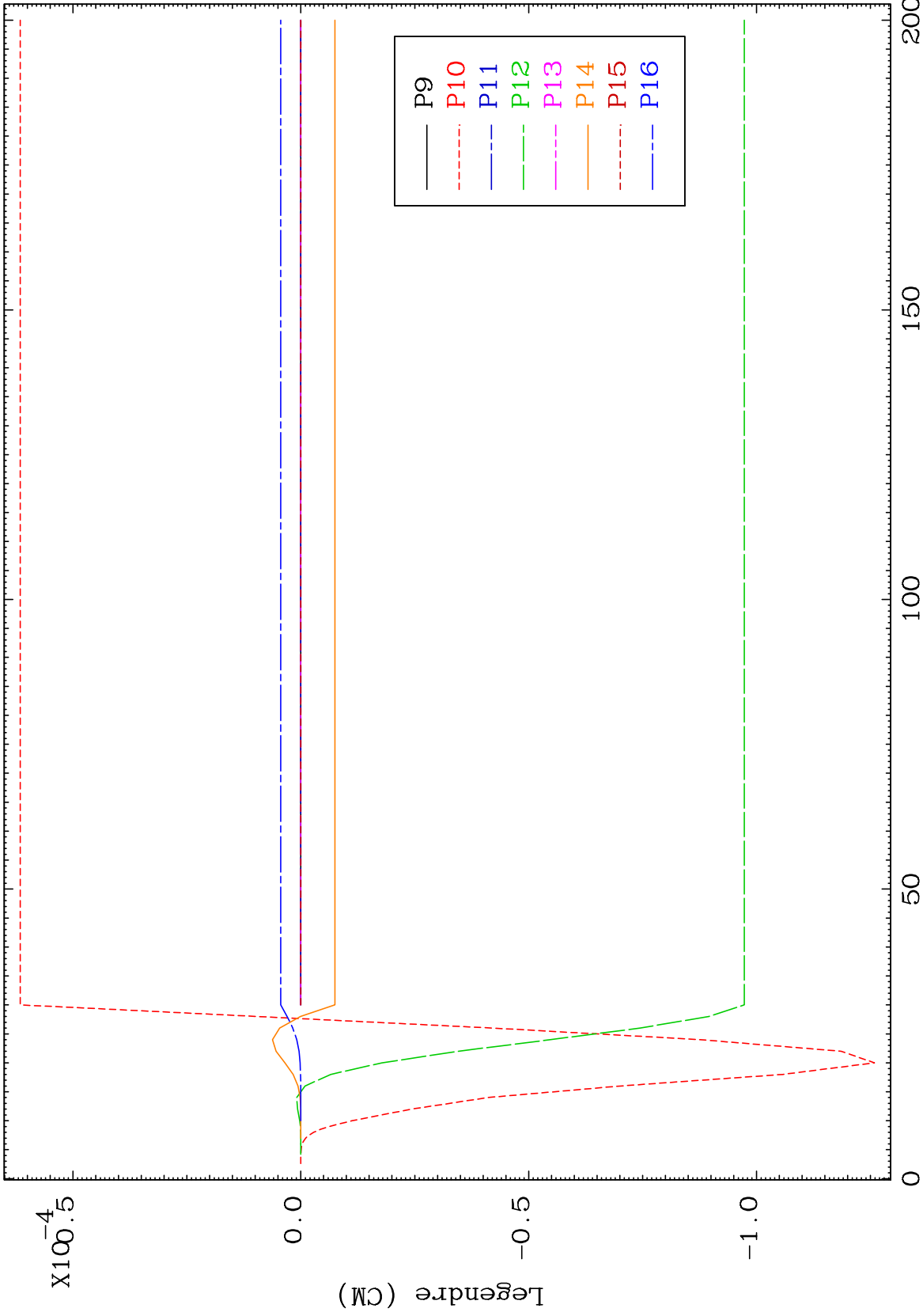
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88

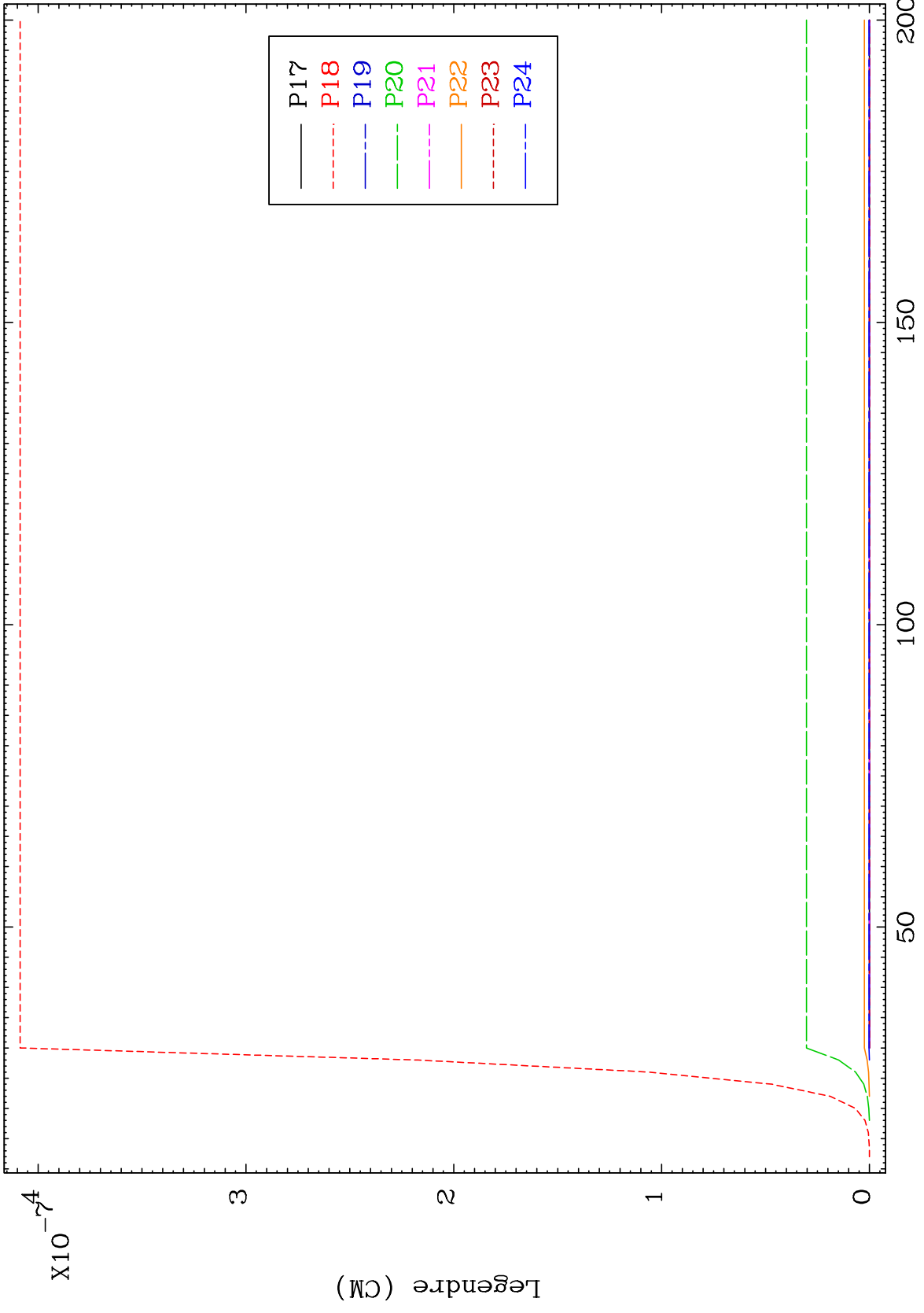


93

Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 73 (n,n') Level Legendre Coefficients 39-Y -88

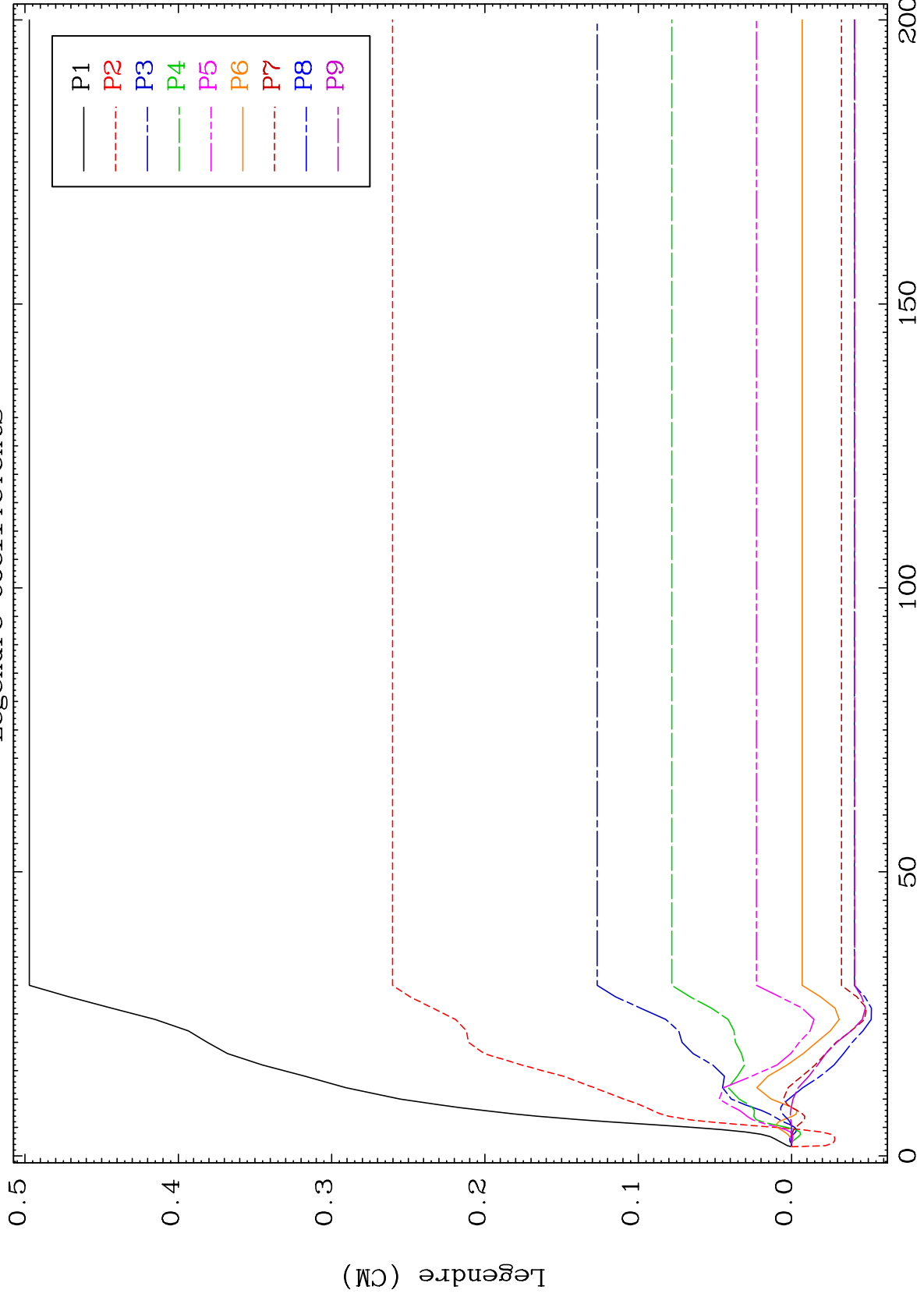


94 39-Y -88

MAT 3922

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

39-Y -88



95

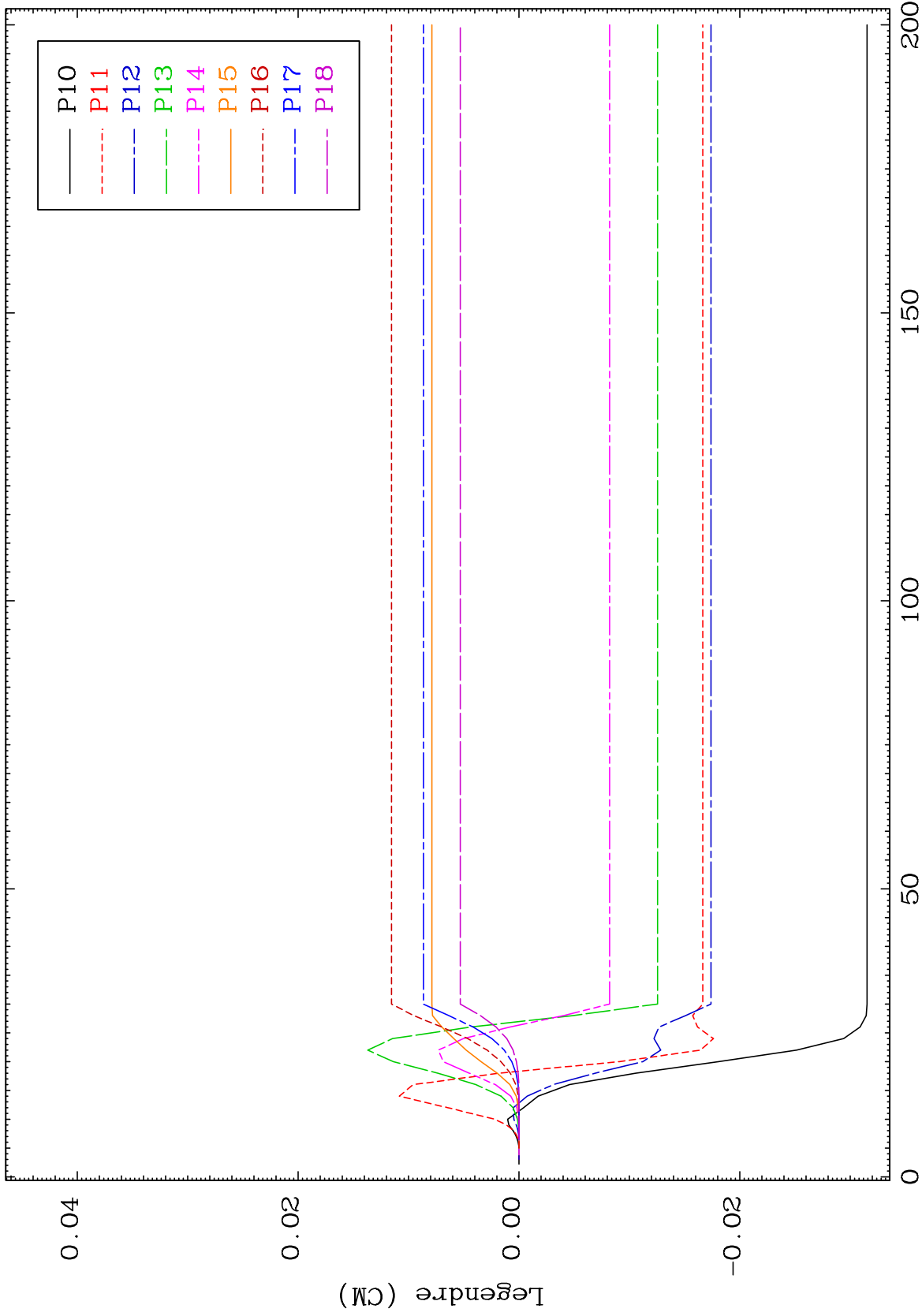
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



96

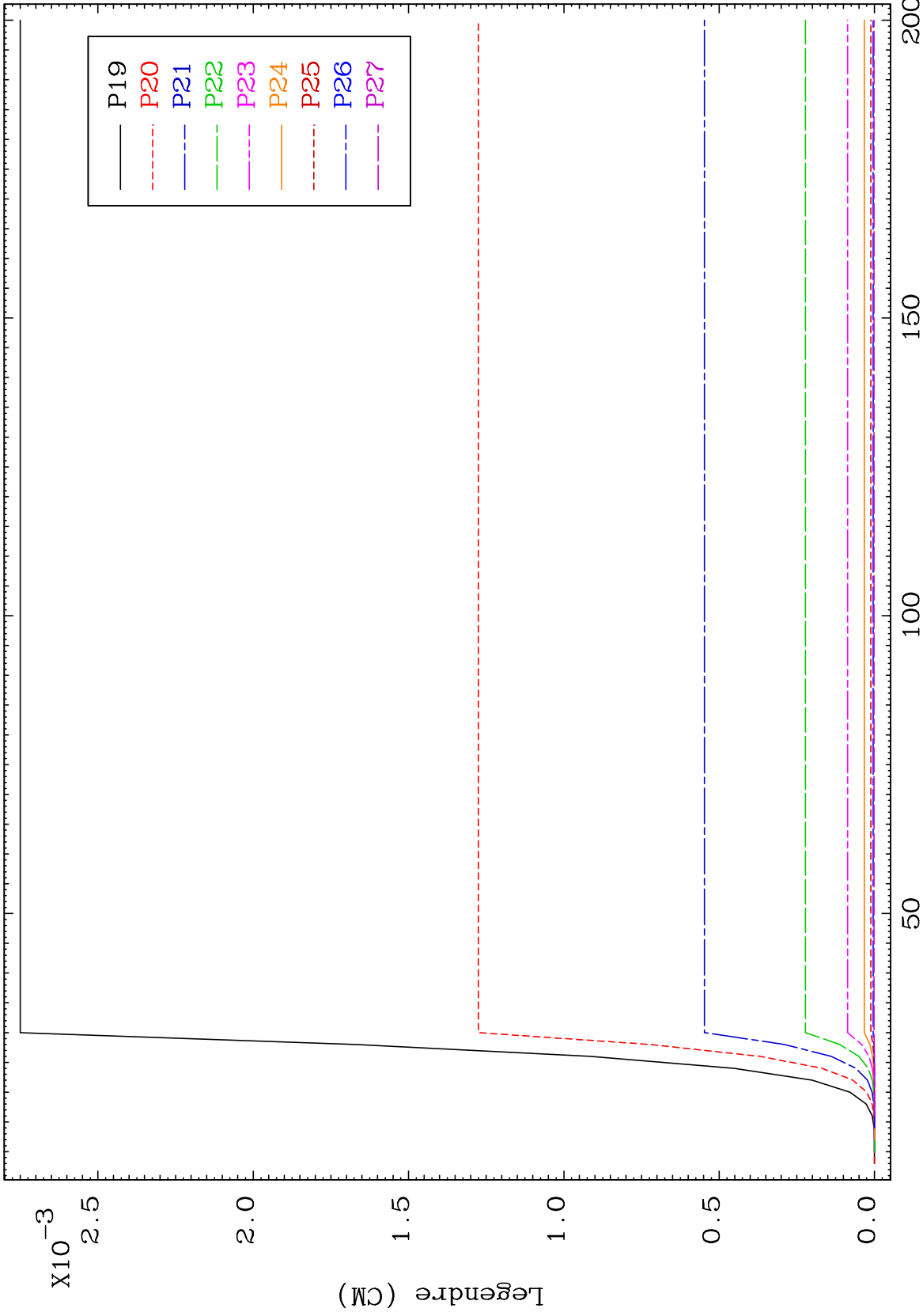
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



97

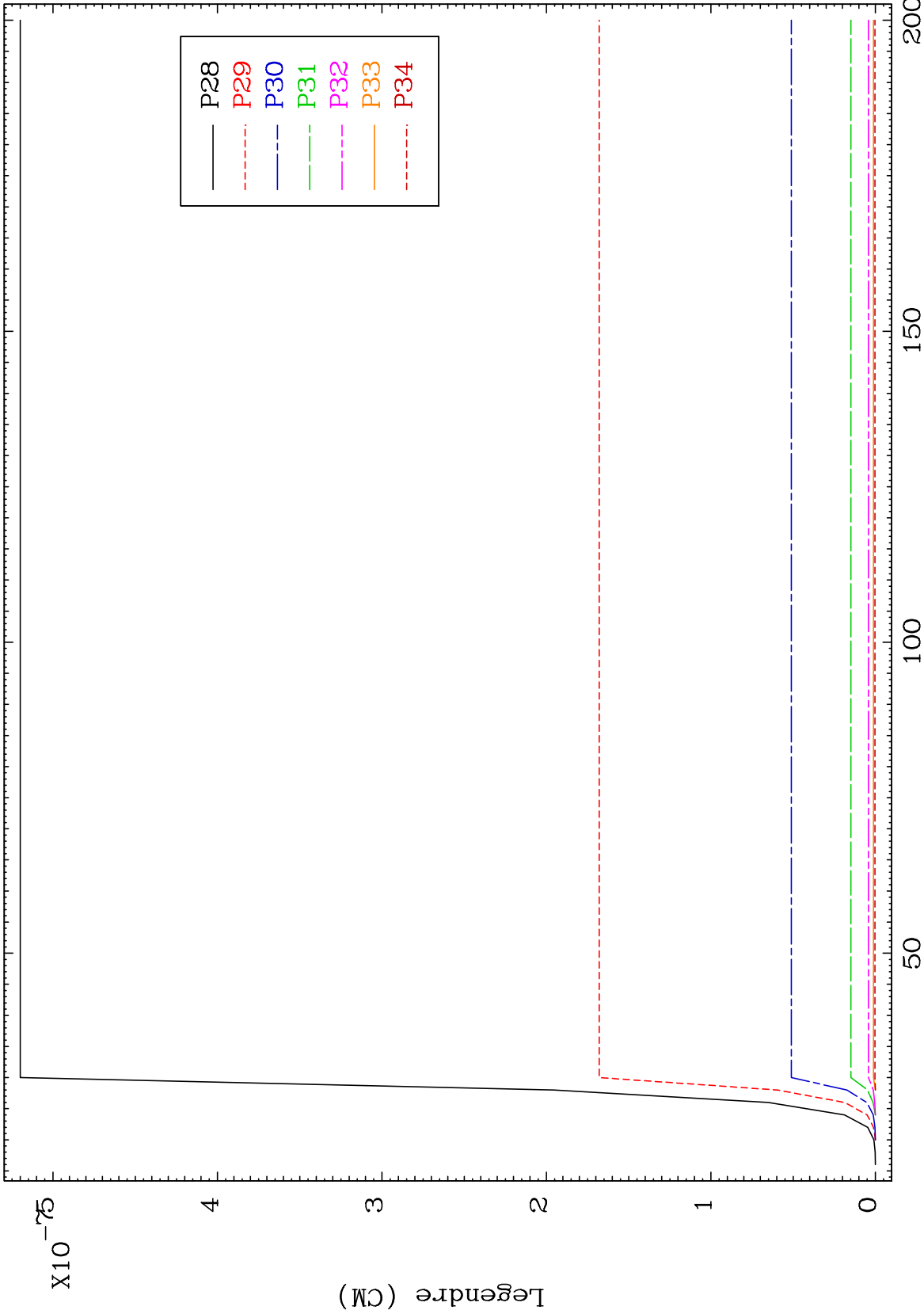
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88

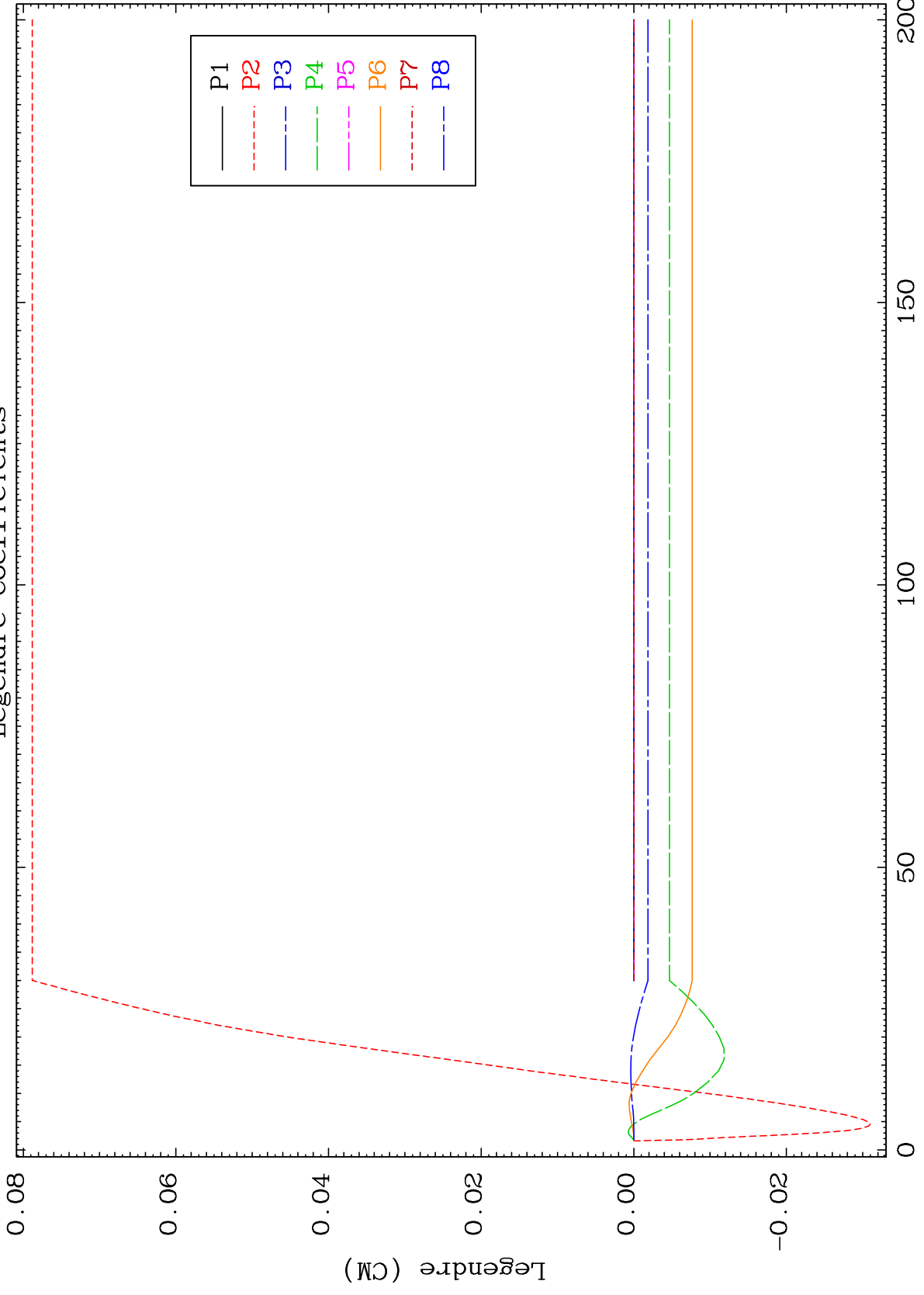


98

Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 75 (n,n') Level Legendre Coefficients 39-Y -88

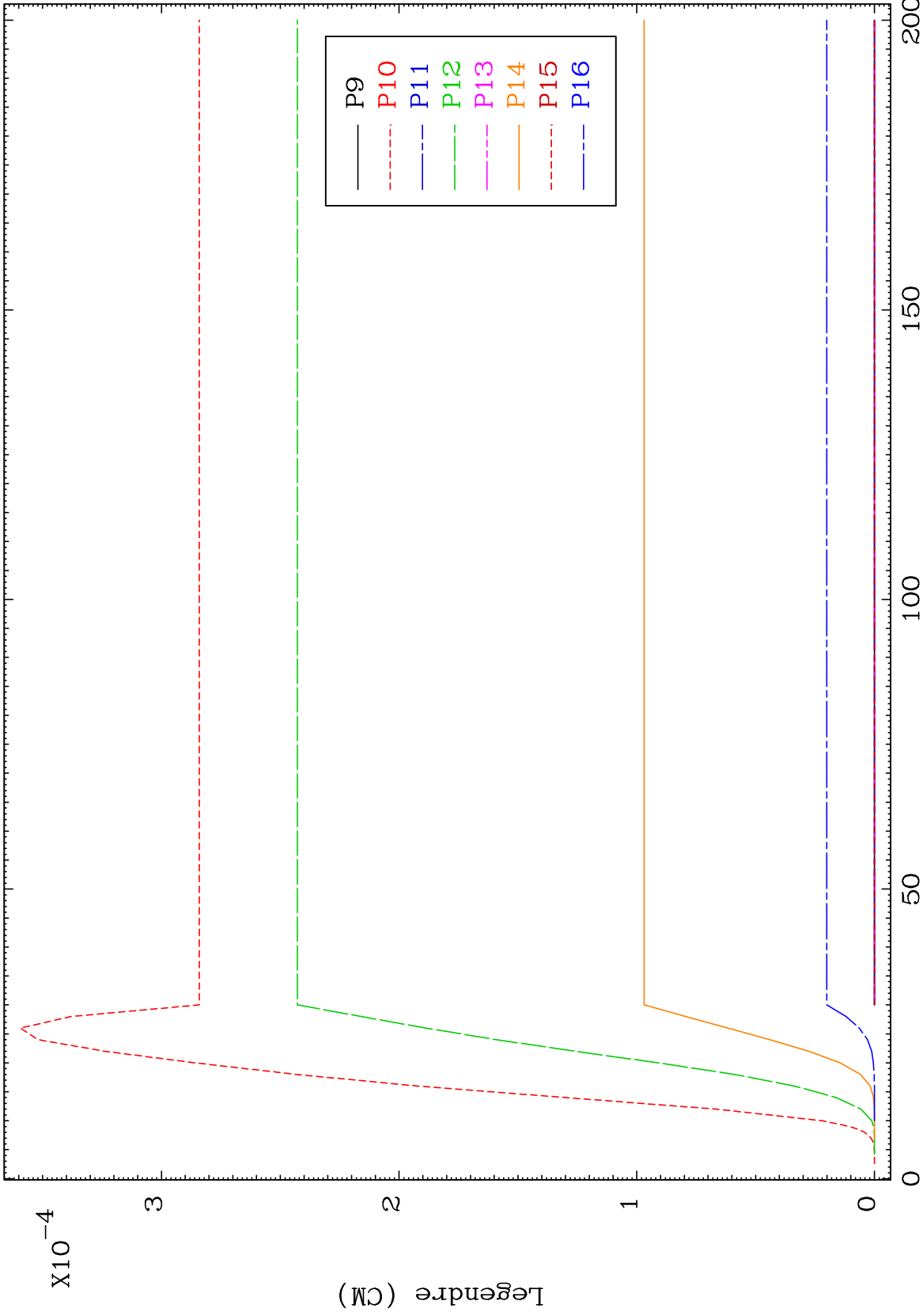


99 39-Y -88

MAT 3922

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

39-Y -88



100

50

100

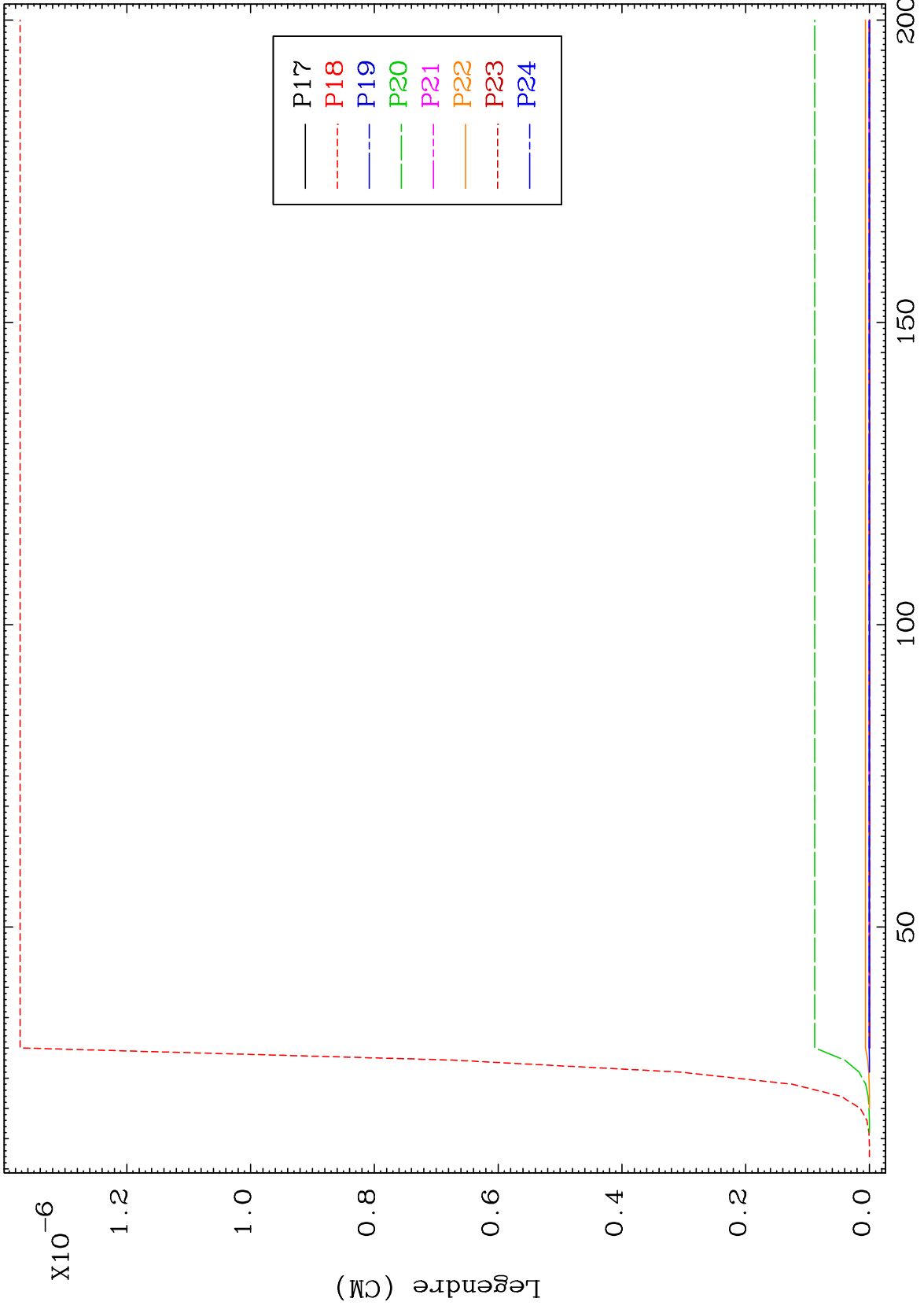
150

200

Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 75 (n,n') Level Legendre Coefficients 39-Y -88

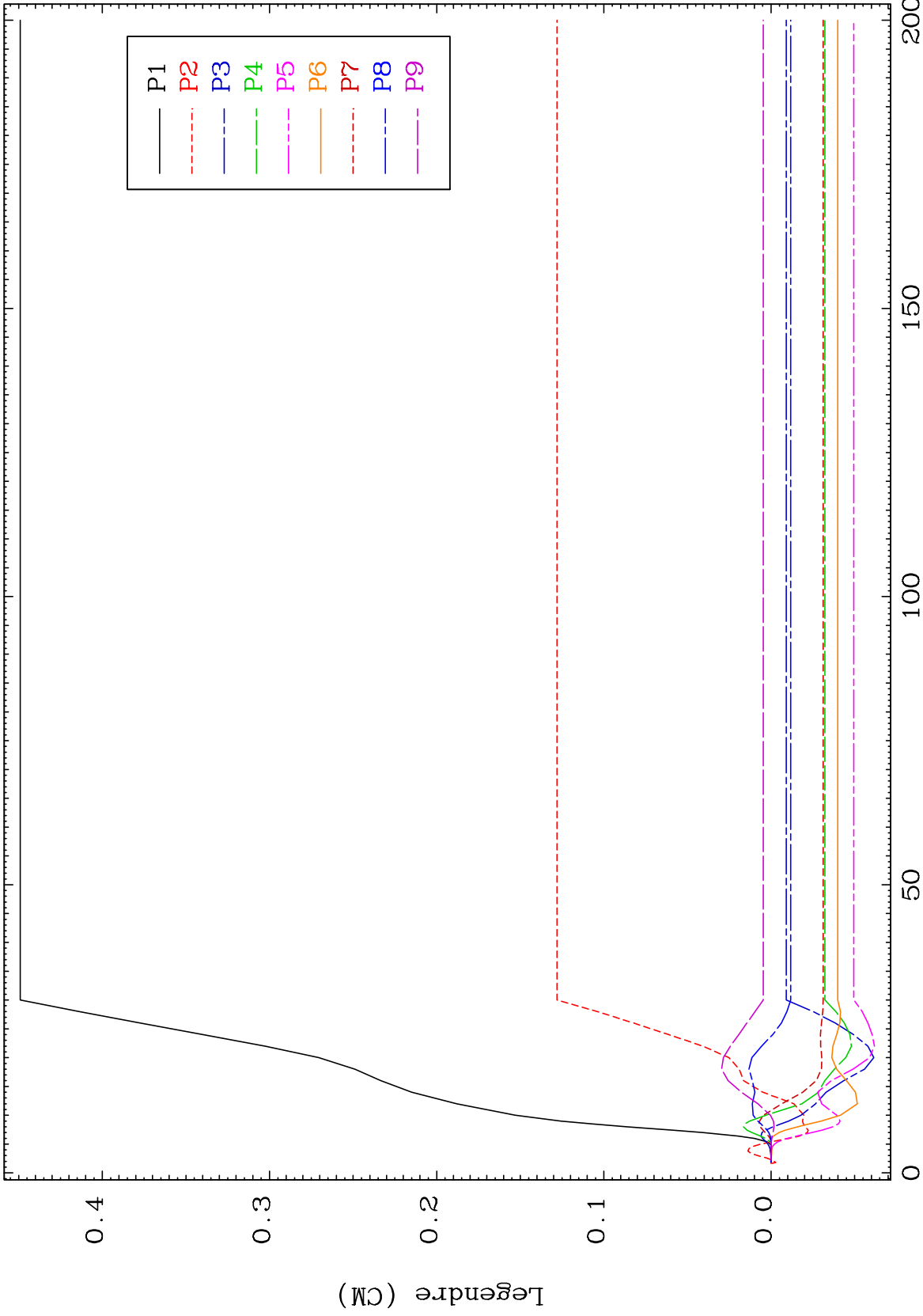


101 39-Y -88

MAT 3922

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

39-Y -88



102

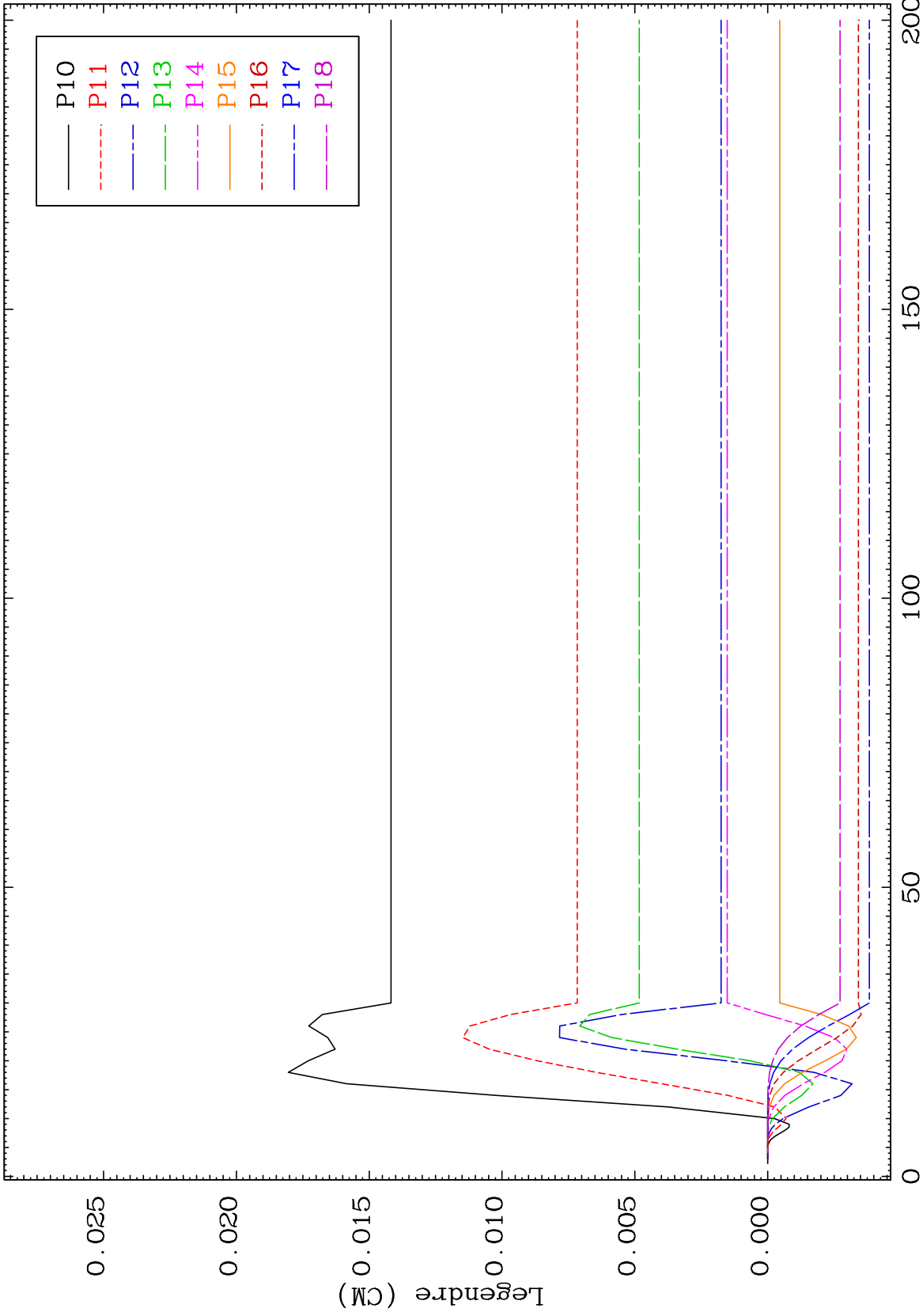
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



103

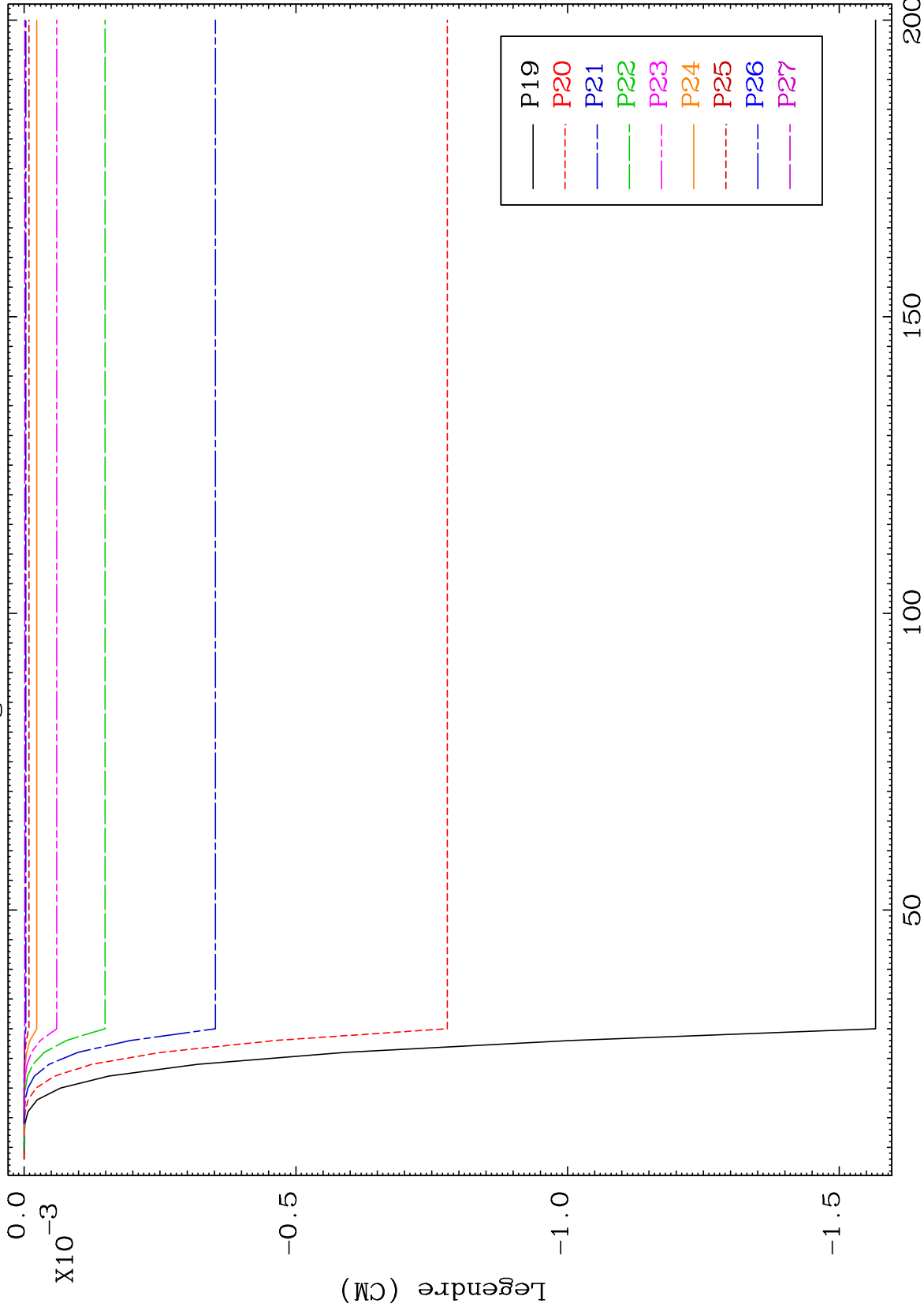
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



104

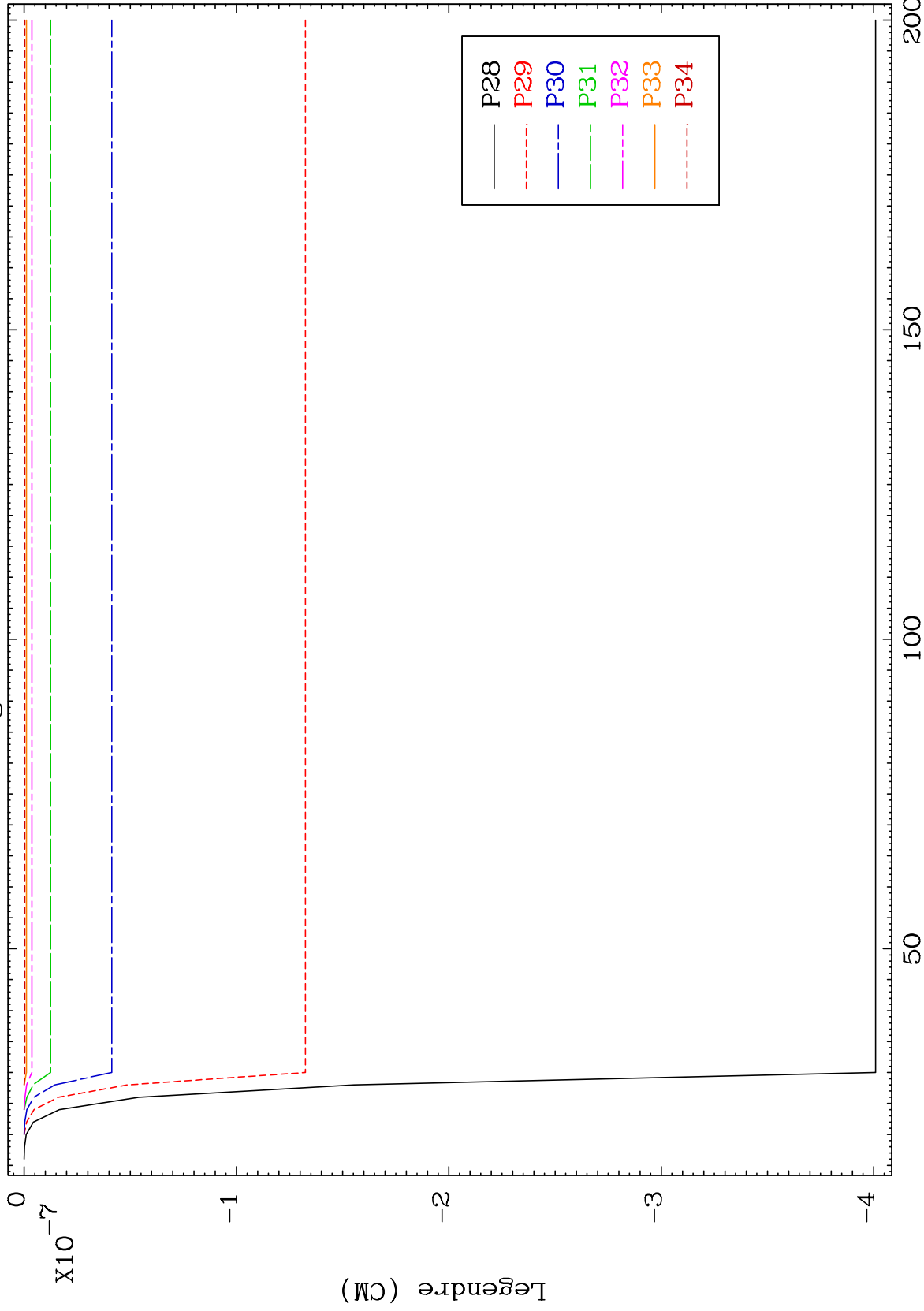
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



105

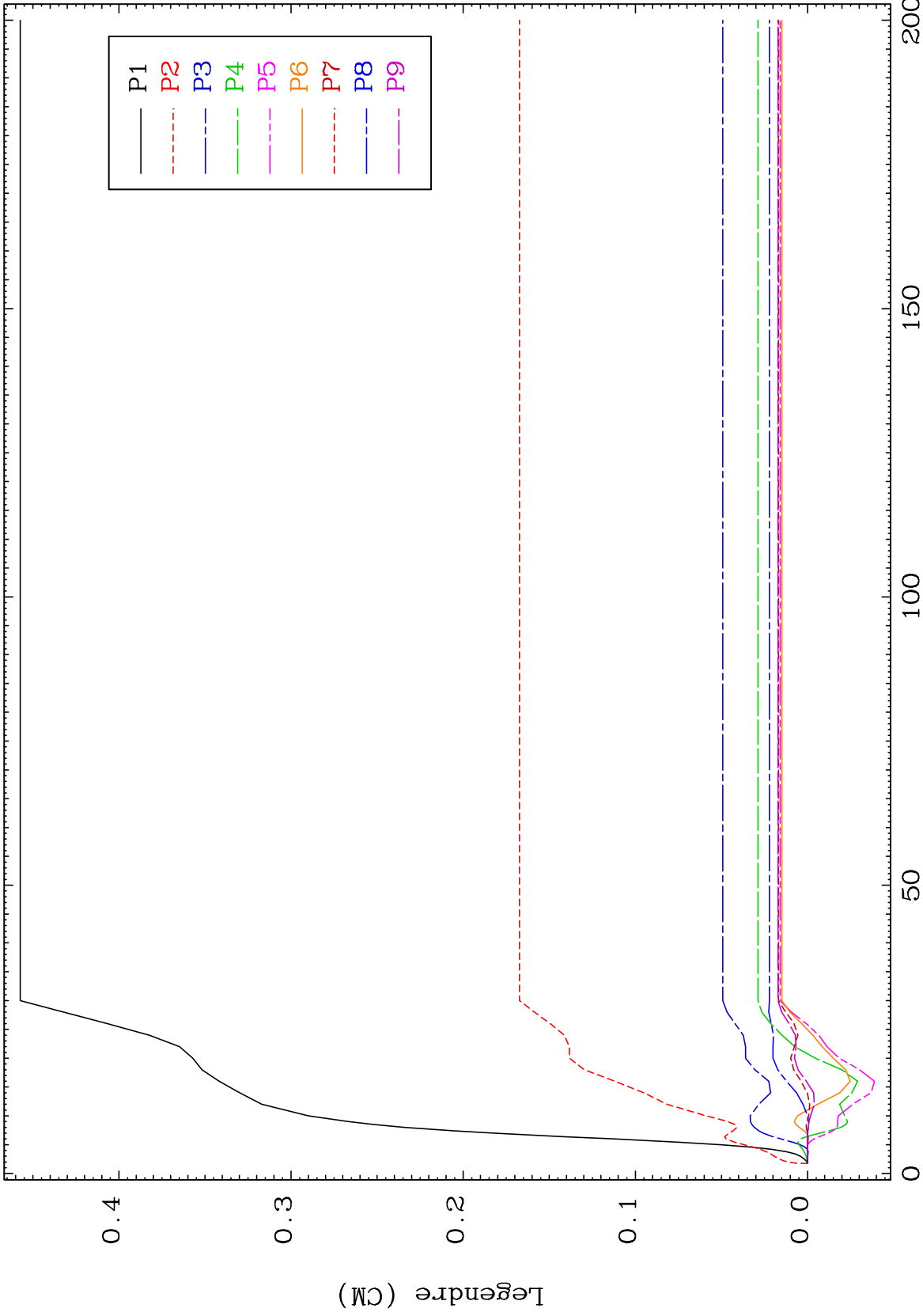
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



106

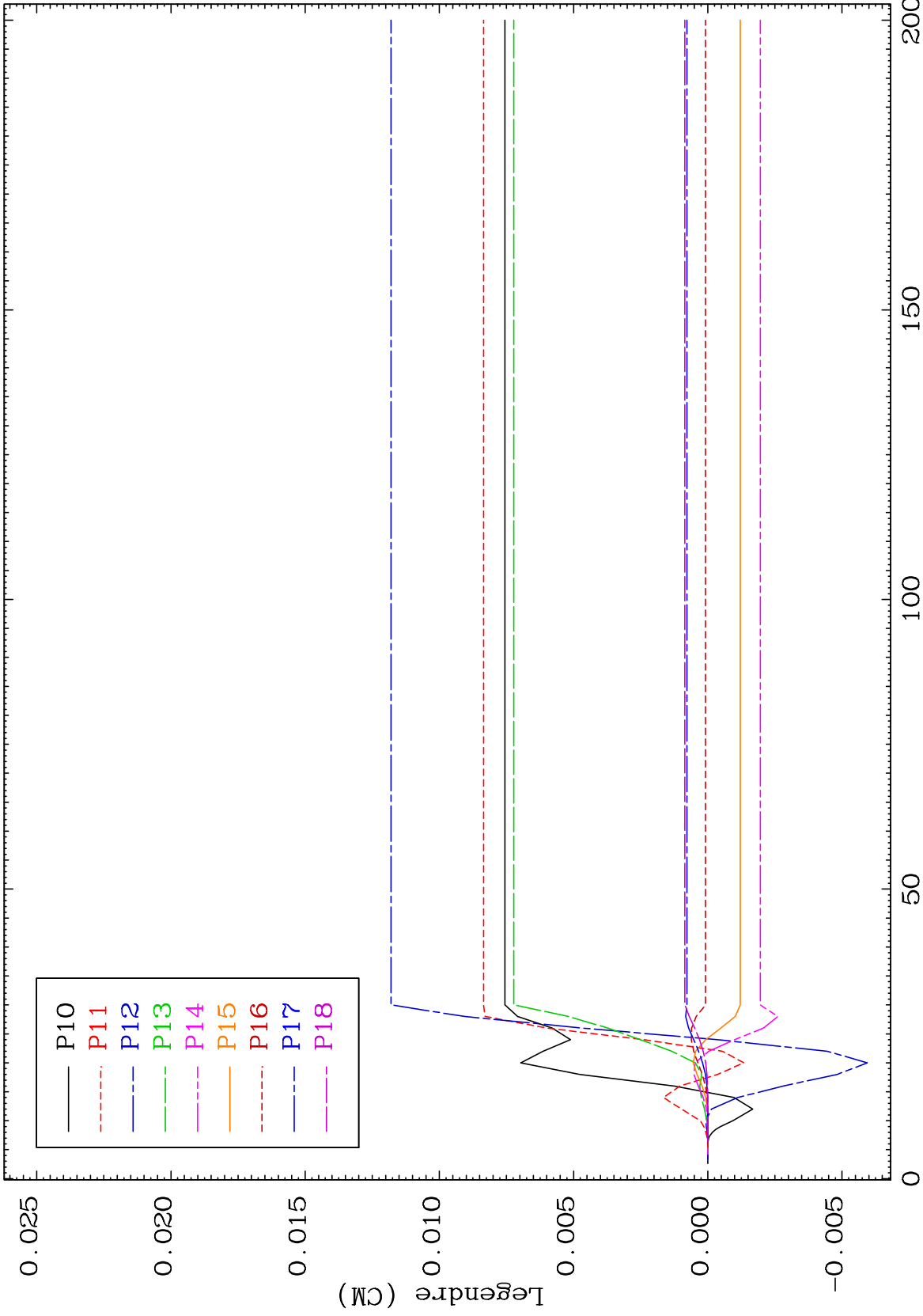
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



107

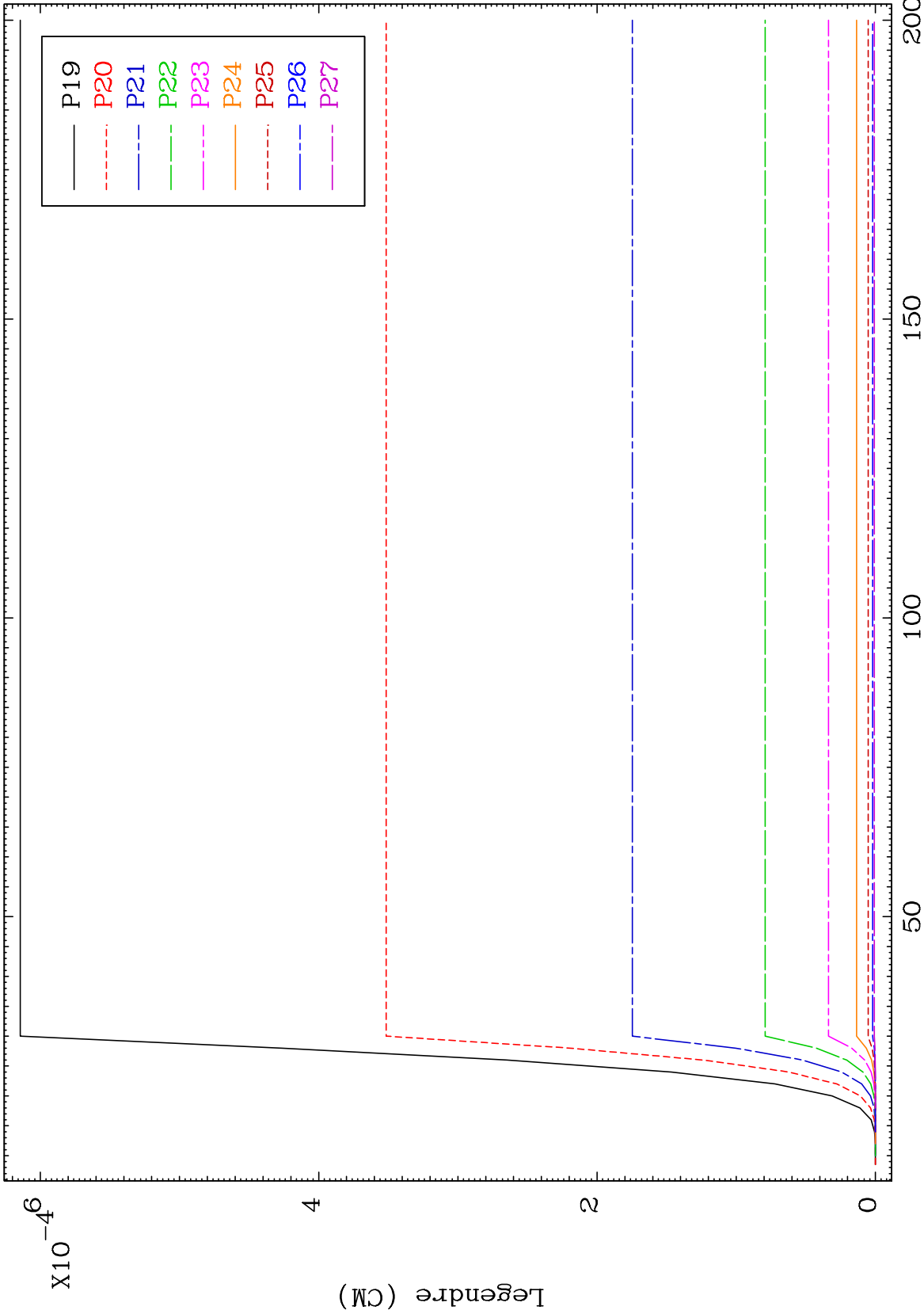
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



108

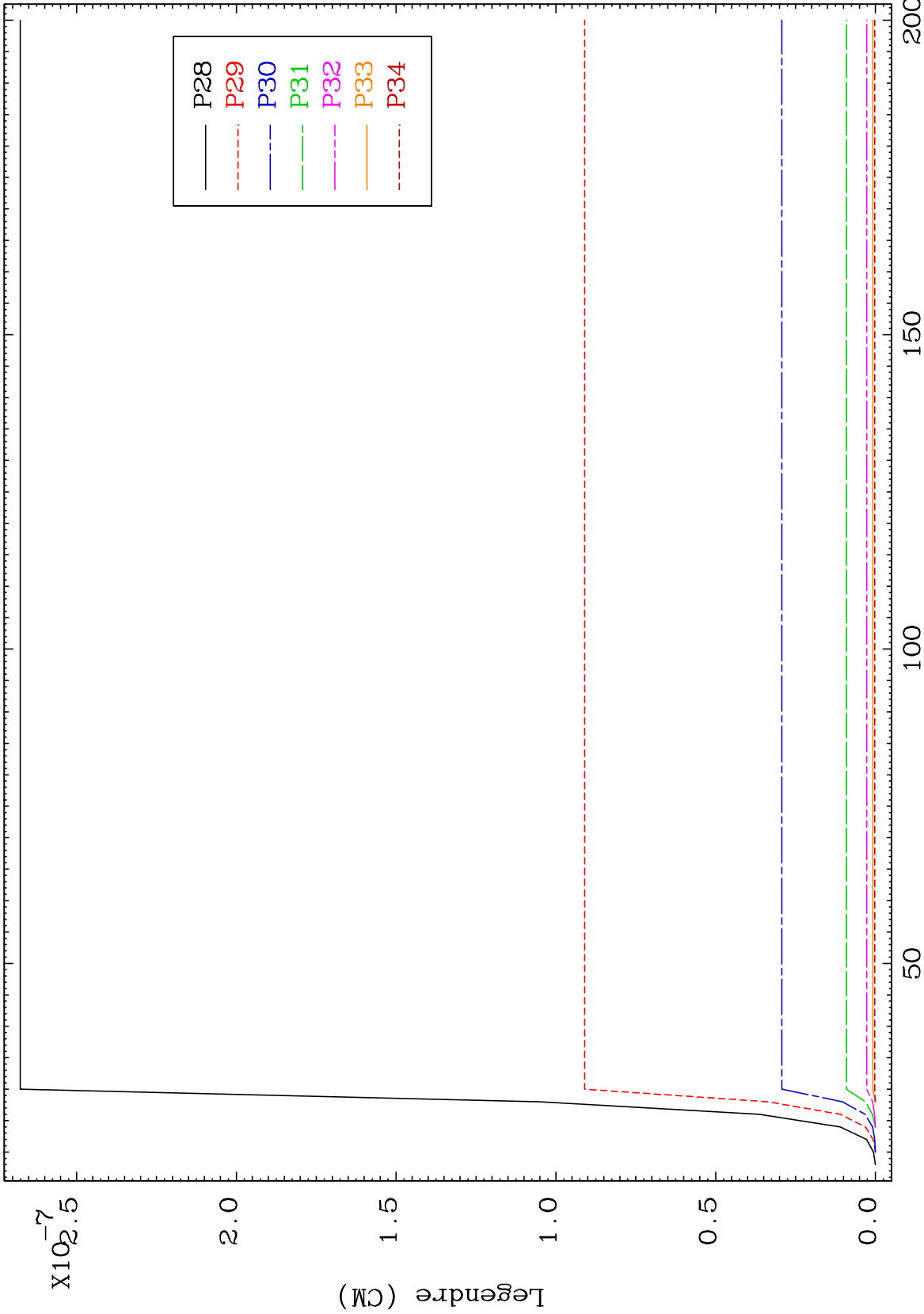
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



109

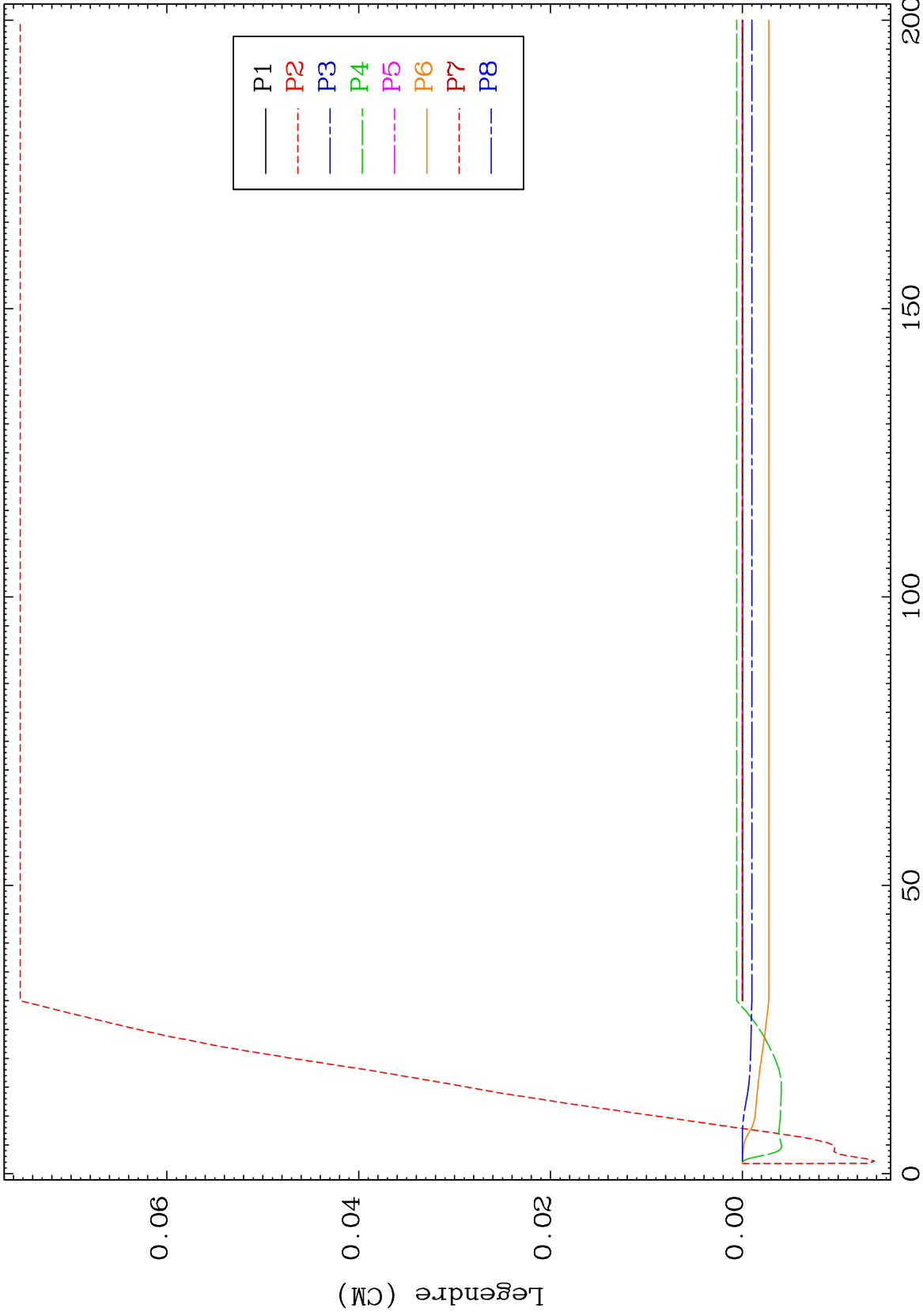
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



39-Y -88

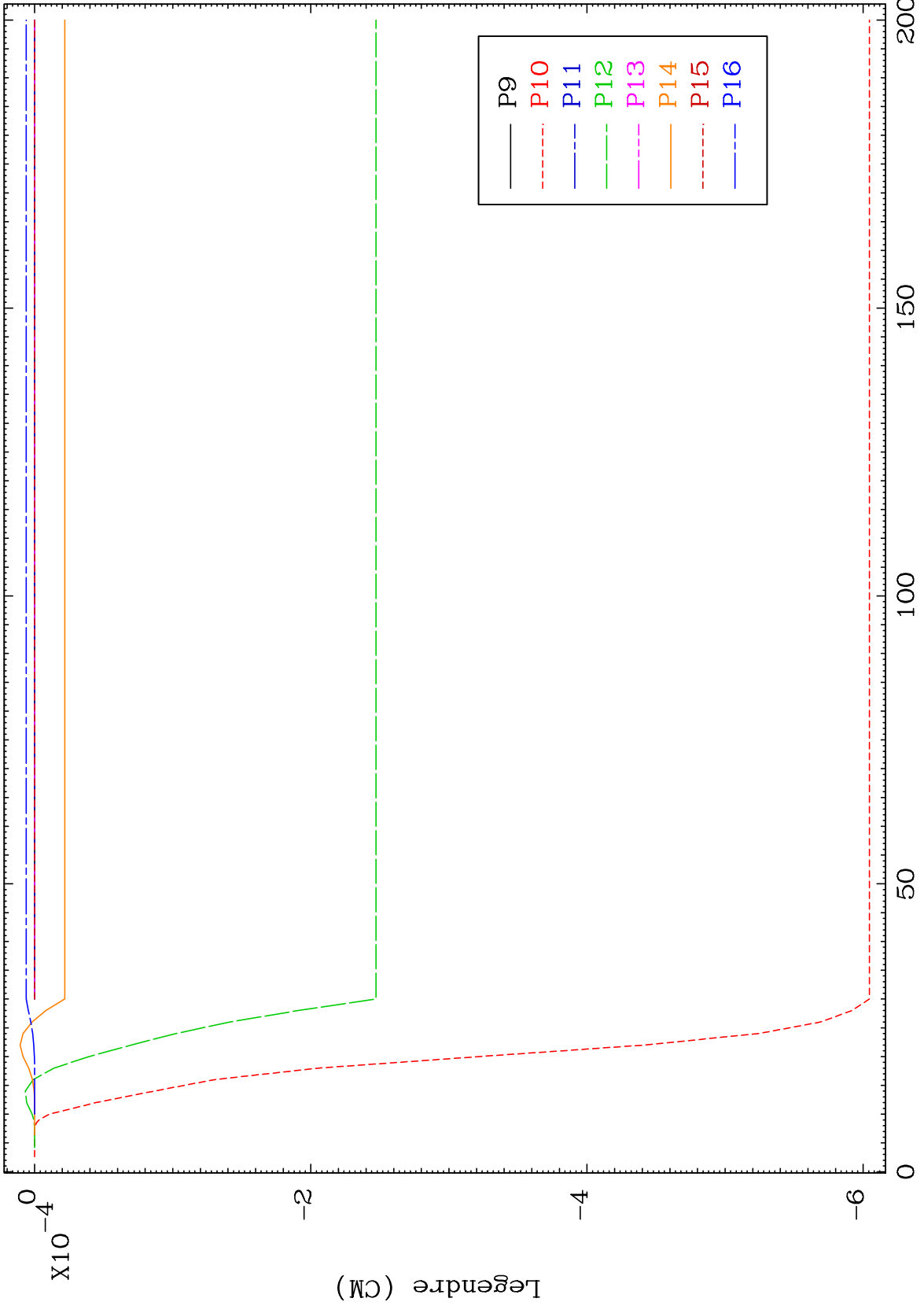
Incident Energy (MeV)

110

MAT 3922

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

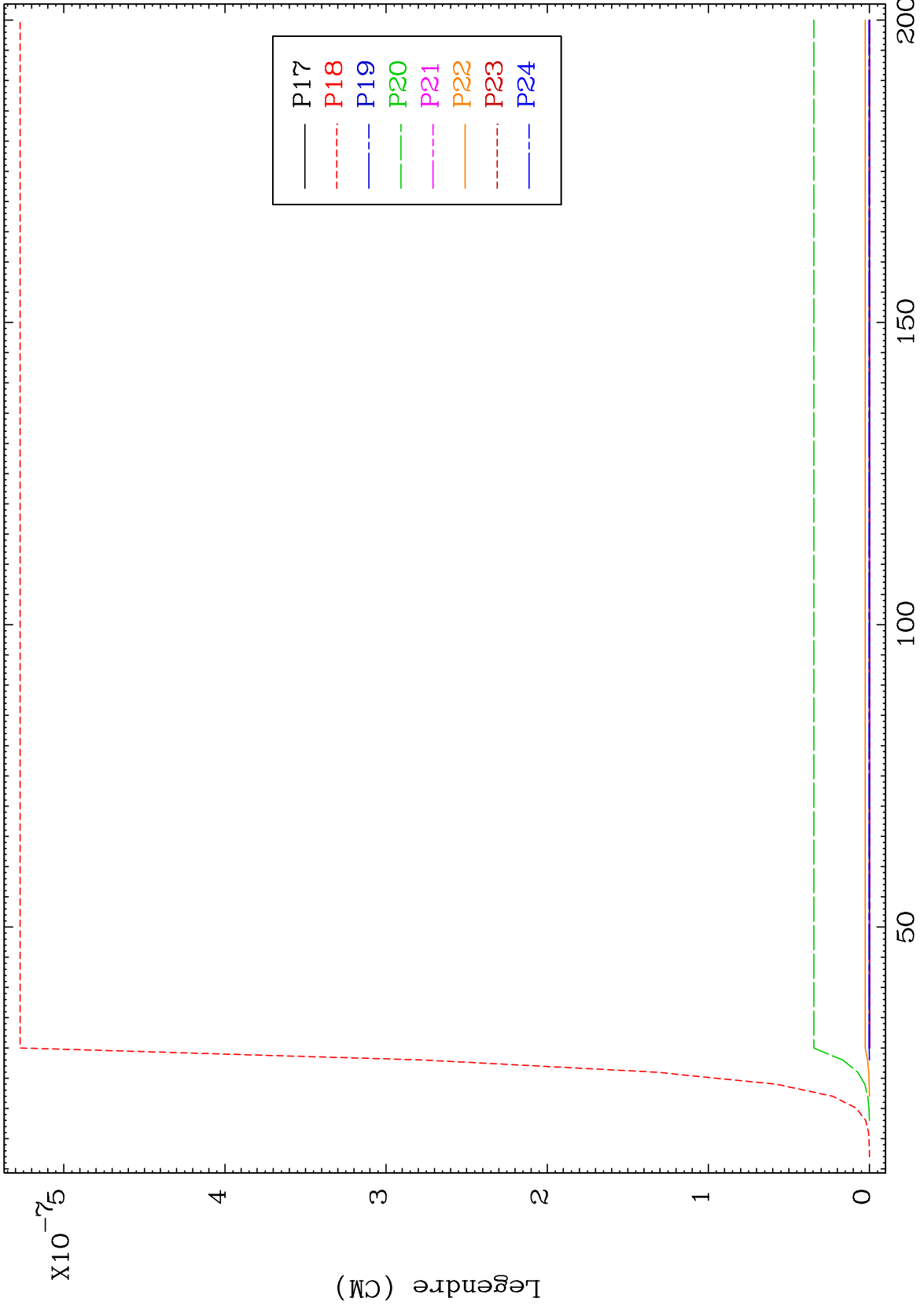
39-Y -88



111

39-Y -88

MAT 3922 MT= 78 (n,n') Level Legendre Coefficients 39-Y -88

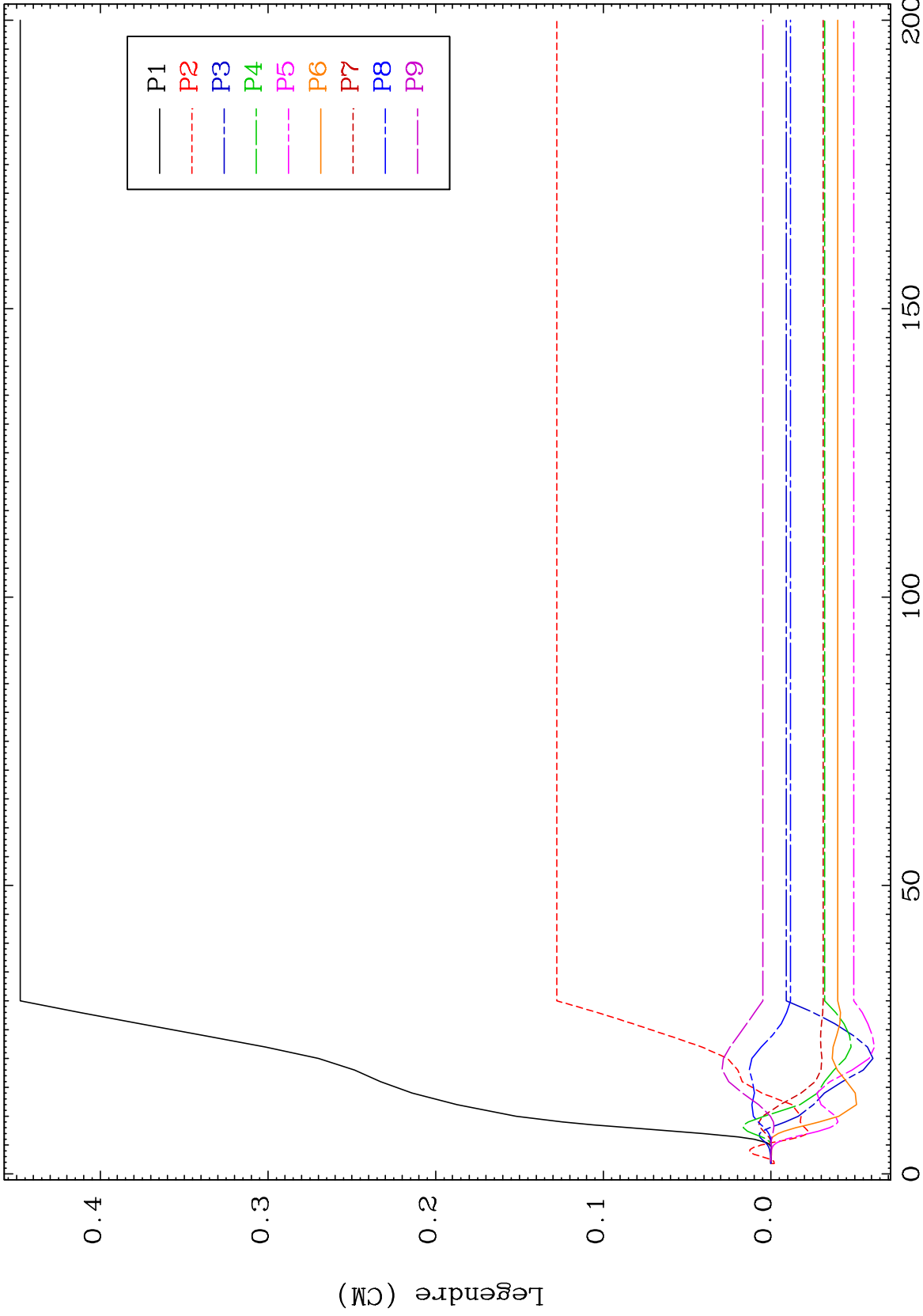


112 Incident Energy (MeV) 39-Y -88

MAT 3922

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

39-Y -88



113

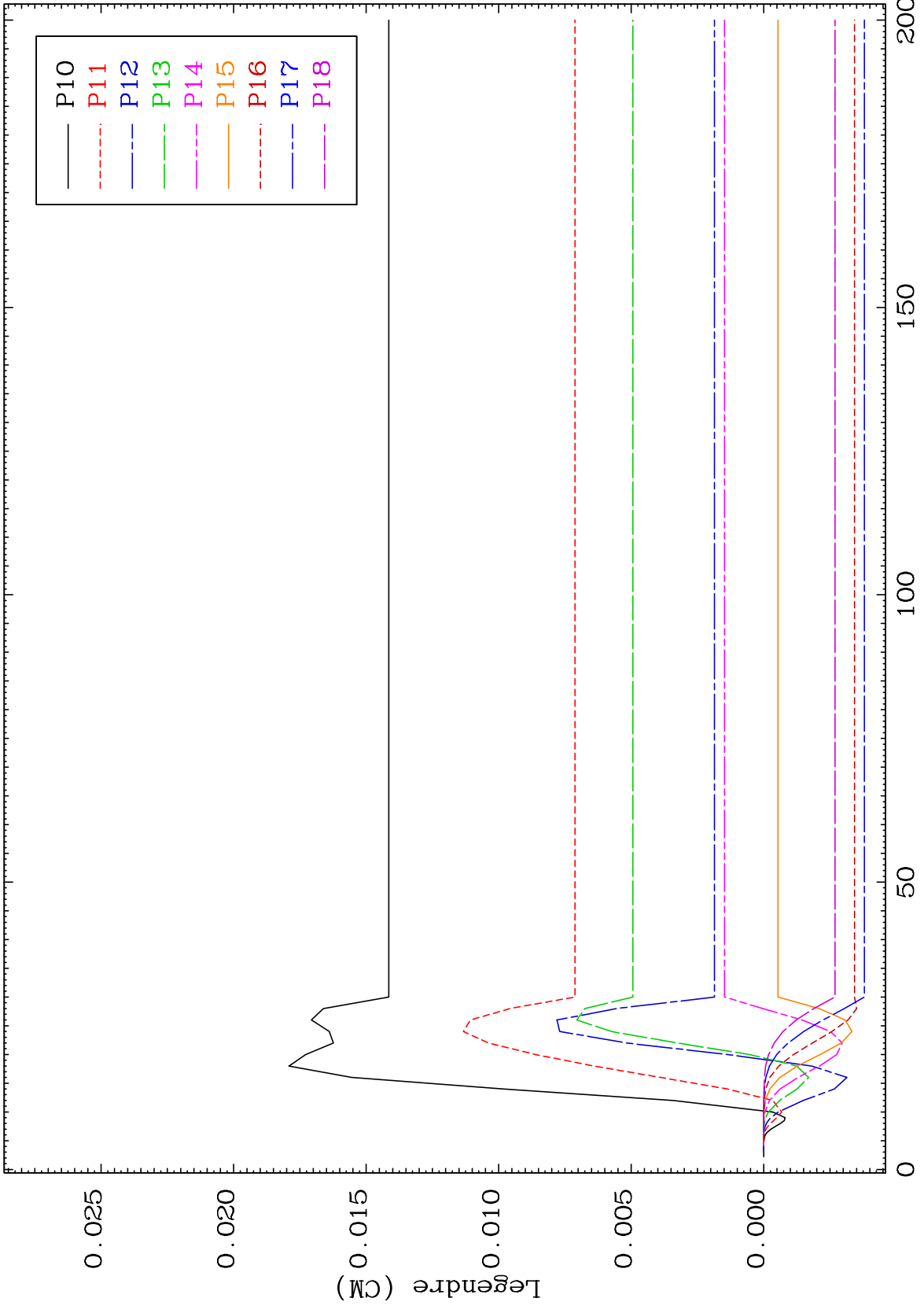
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



114

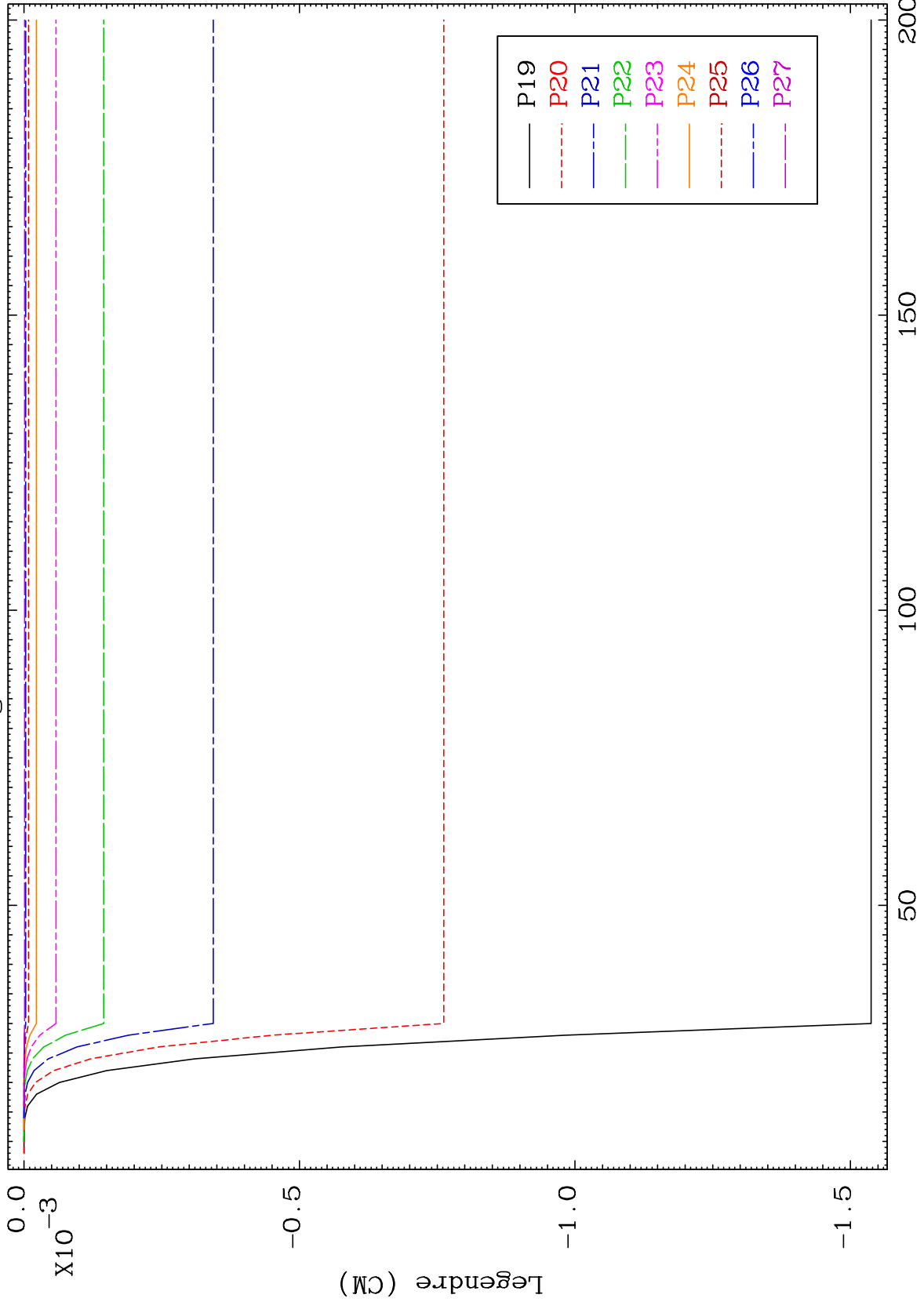
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



115

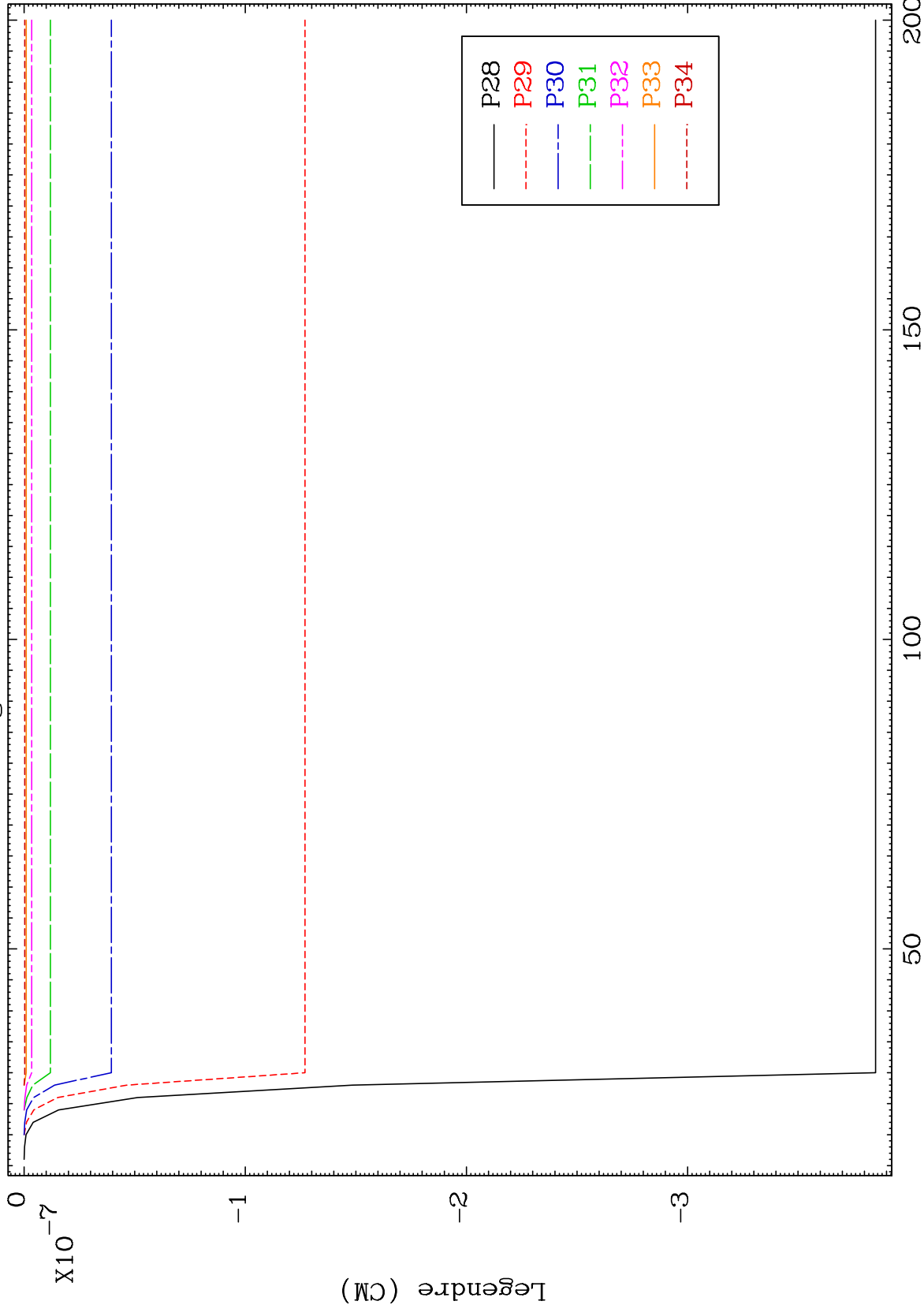
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88



39-Y -88

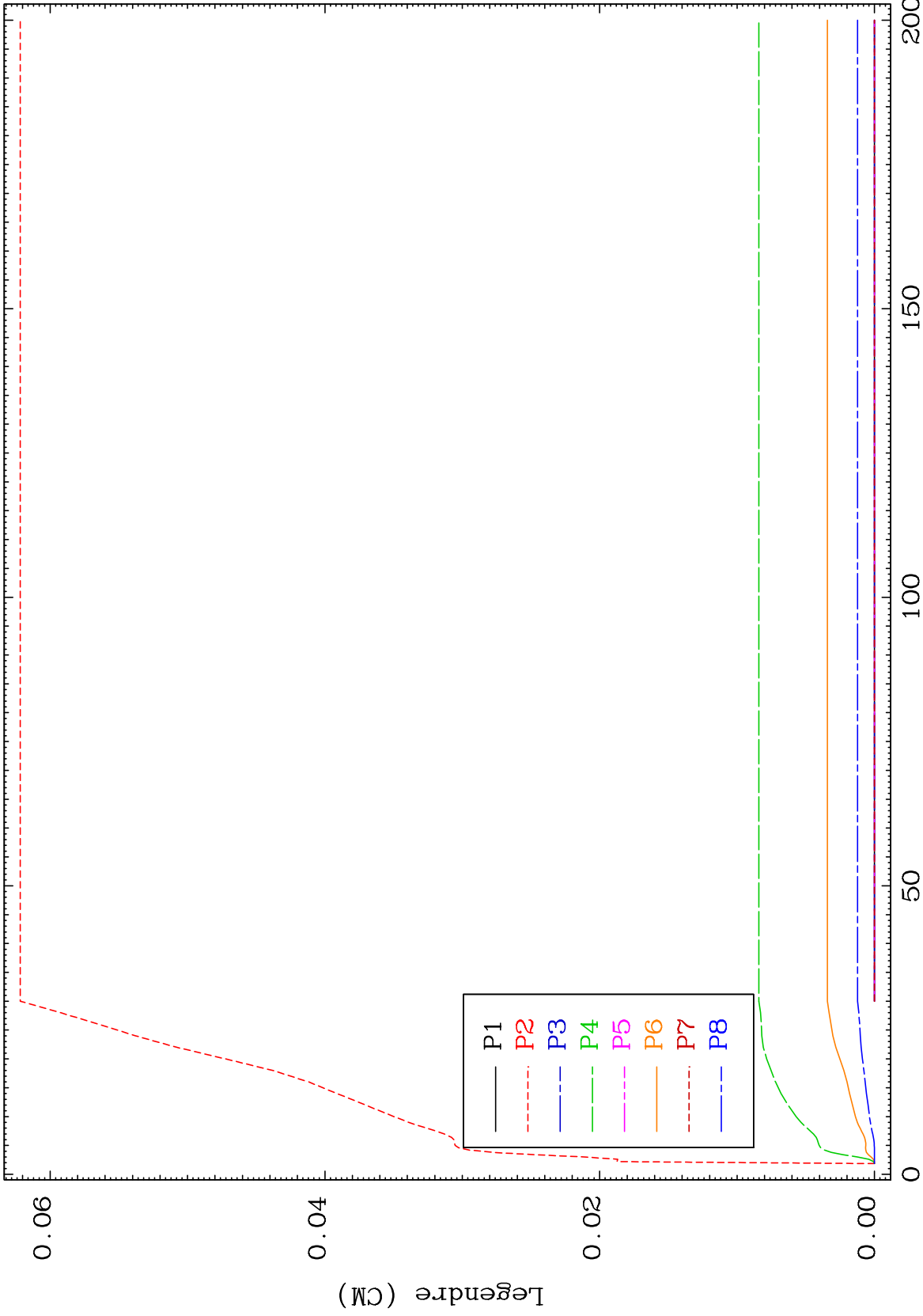
Incident Energy (MeV)

116

MAT 3922

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

39-Y -88



117

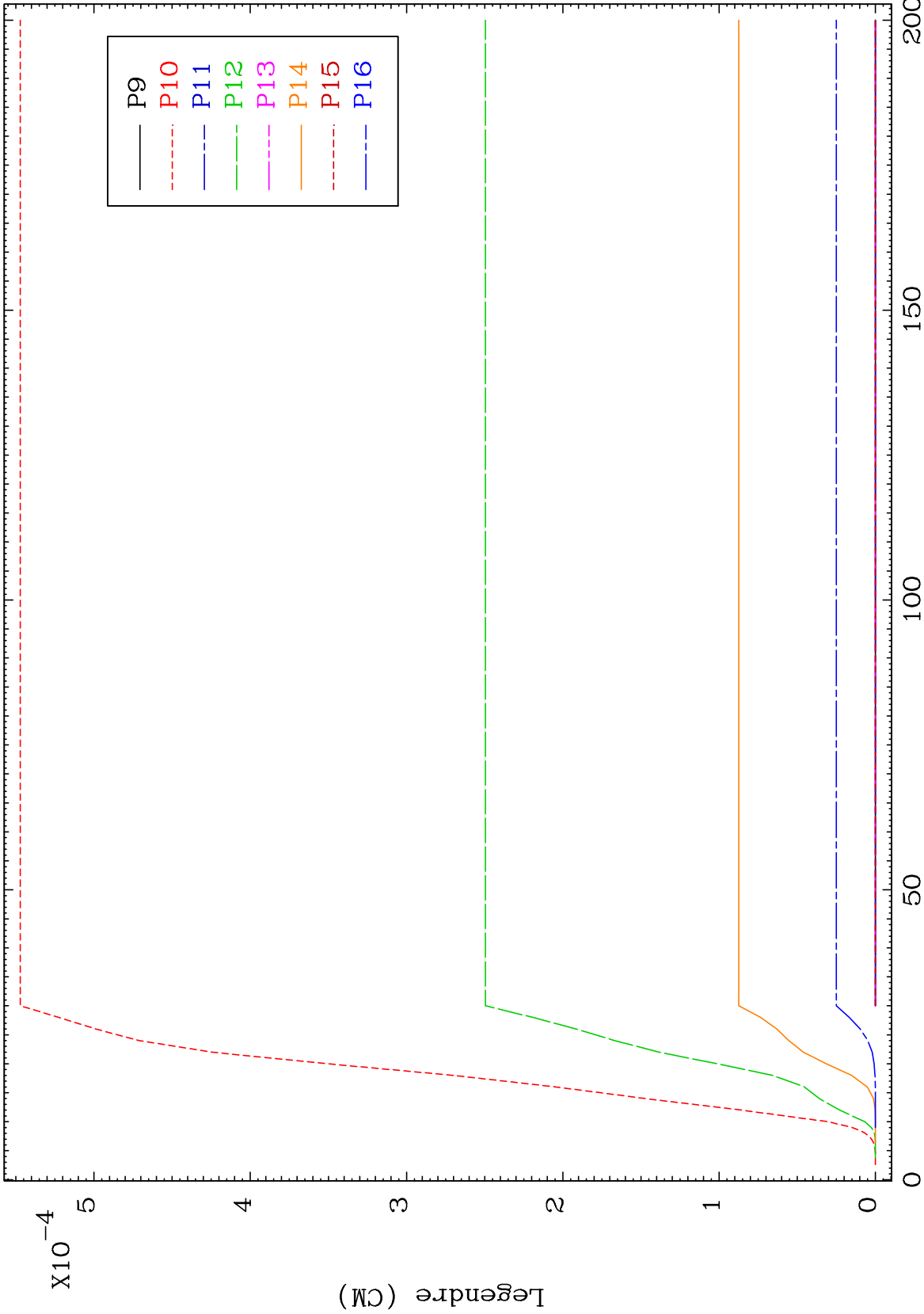
Incident Energy (MeV)

39-Y -88

MAT 3922

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

39-Y -88

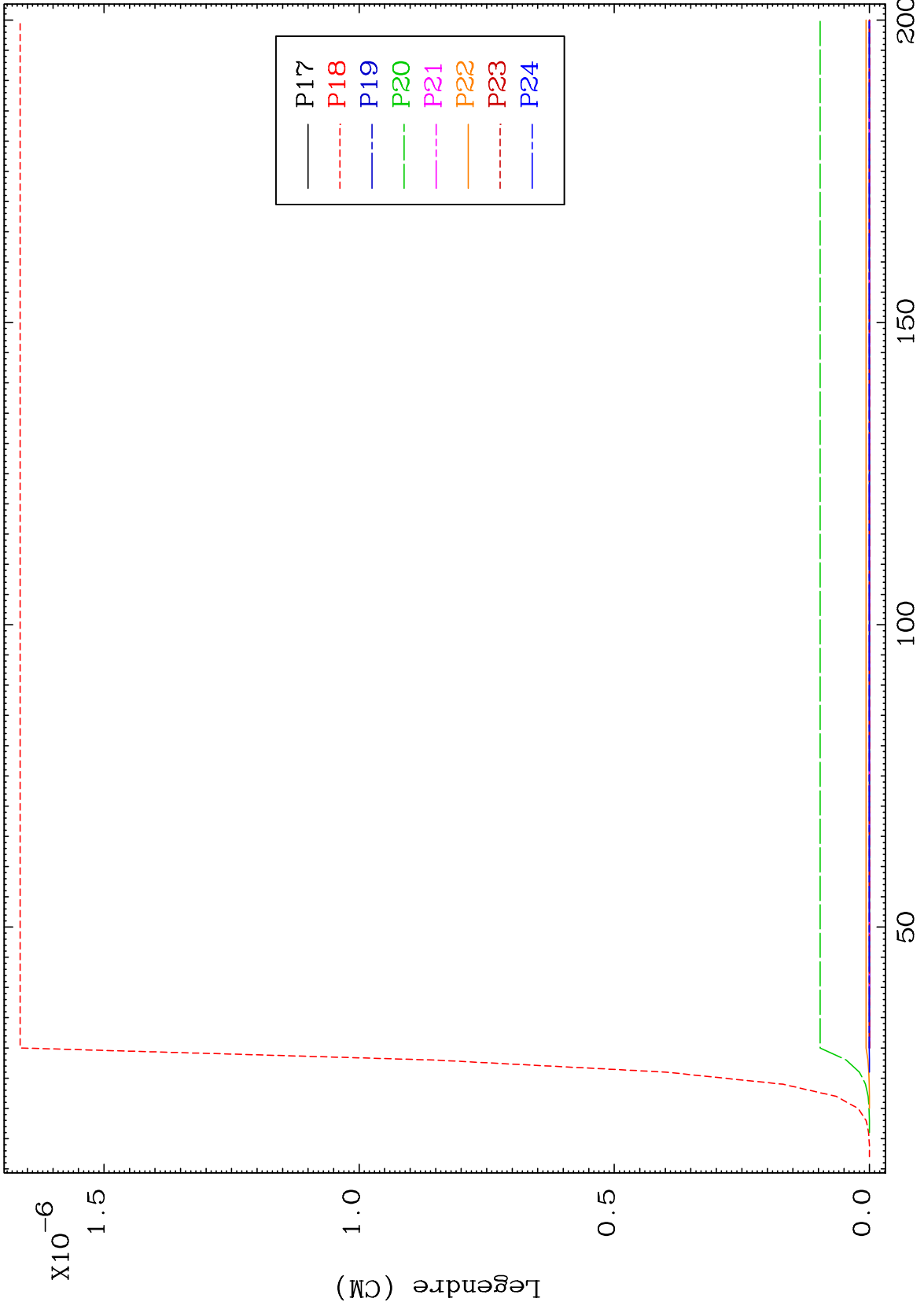


118

Incident Energy (MeV)

39-Y -88

MAT 3922 MT= 80 (n,n') Level Legendre Coefficients 39-Y -88



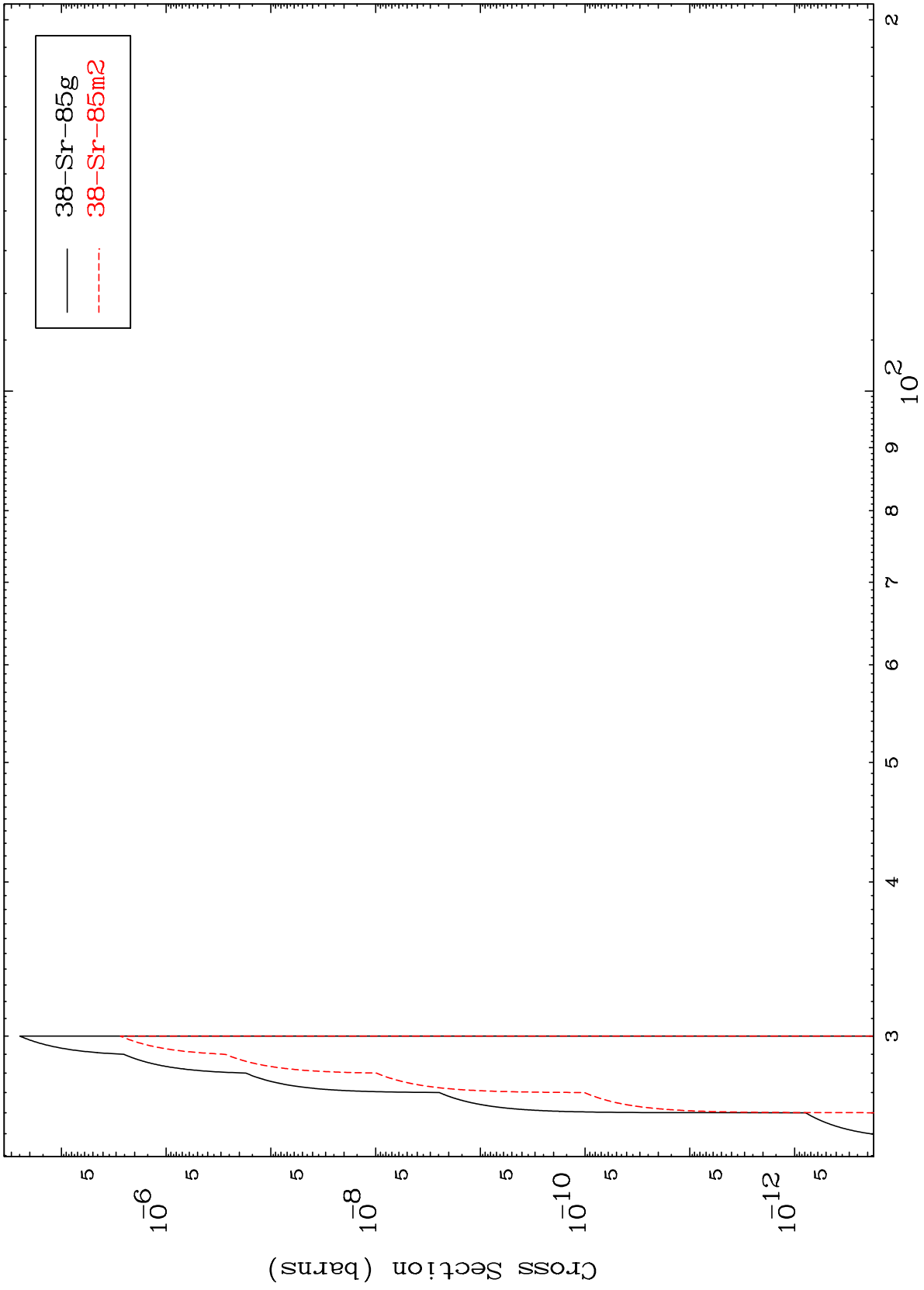
119 39-Y -88

MAT 3922

(n,2n) d

39-Y -88

Radionuclide Production Cross Section



120

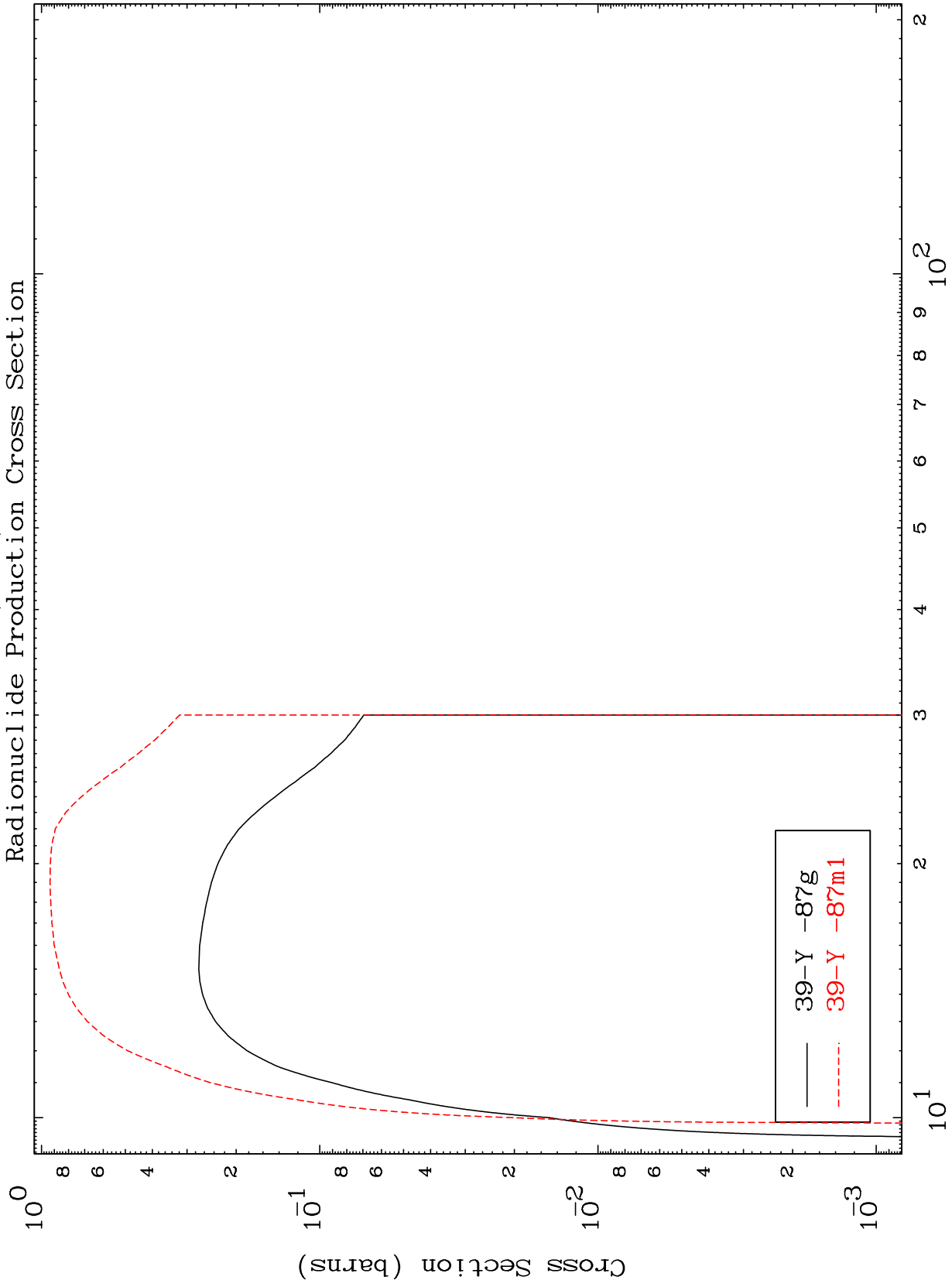
Incident Energy (MeV)

39-Y -88

MAT 3922

39-Y -88

Radionuclide Production Cross Section
(n,2n)



121

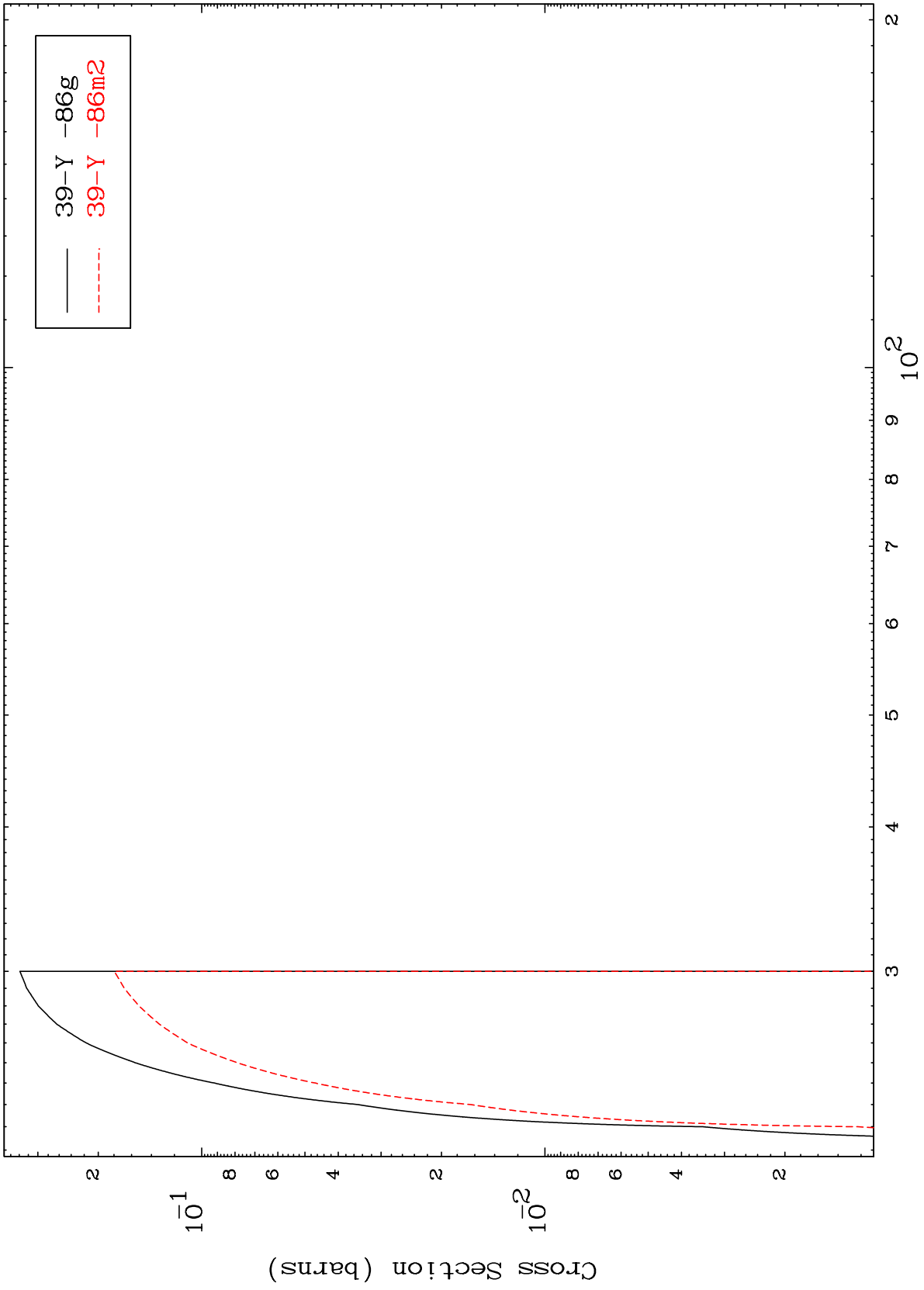
Incident Energy (MeV)

39-Y -88

MAT 3922

39-Y -88

(n,3n)
Radionuclide Production Cross Section



122

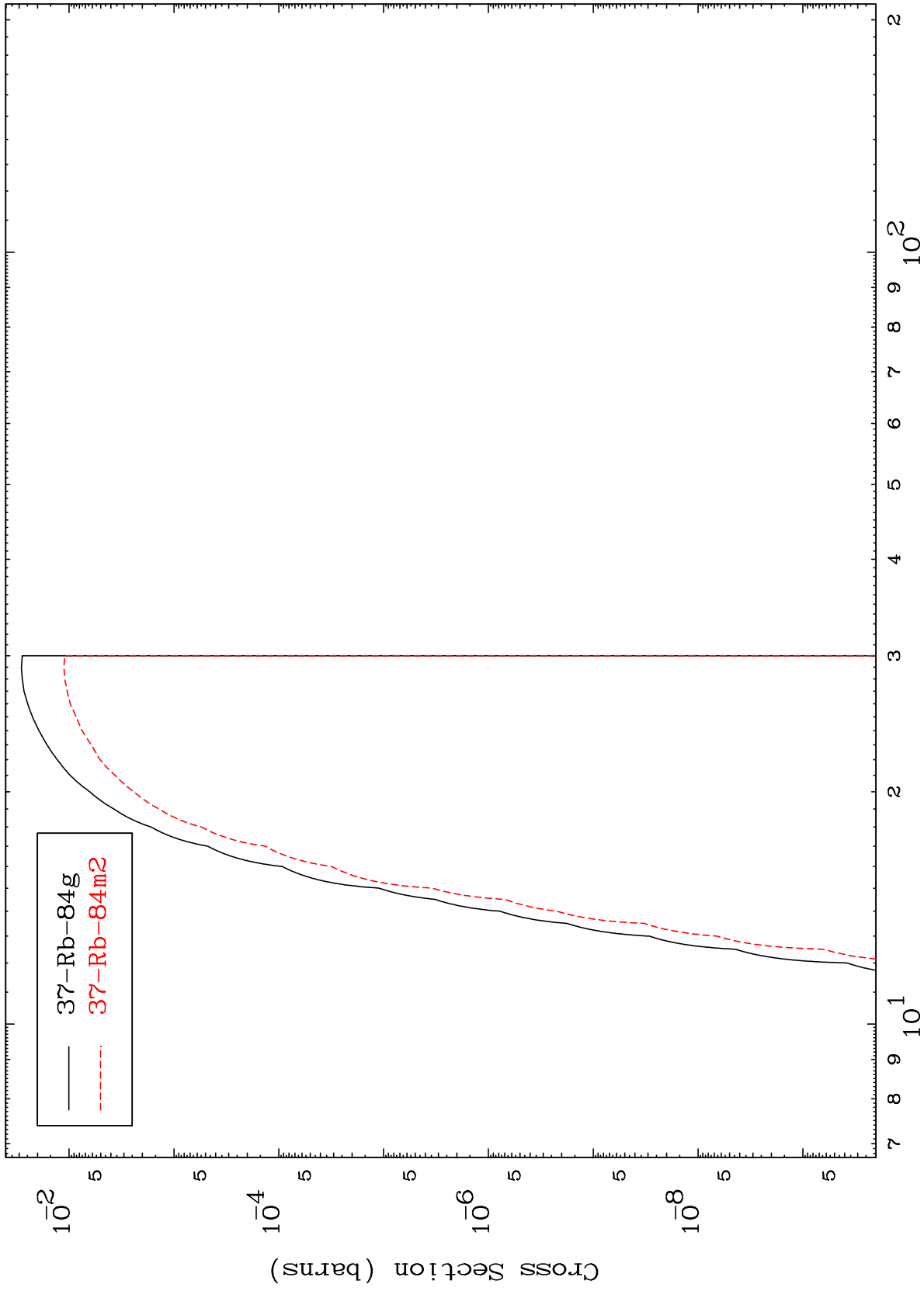
39-Y -88

MAT 3922

(n,n') α

39-Y -88

Radionuclide Production Cross Section



123

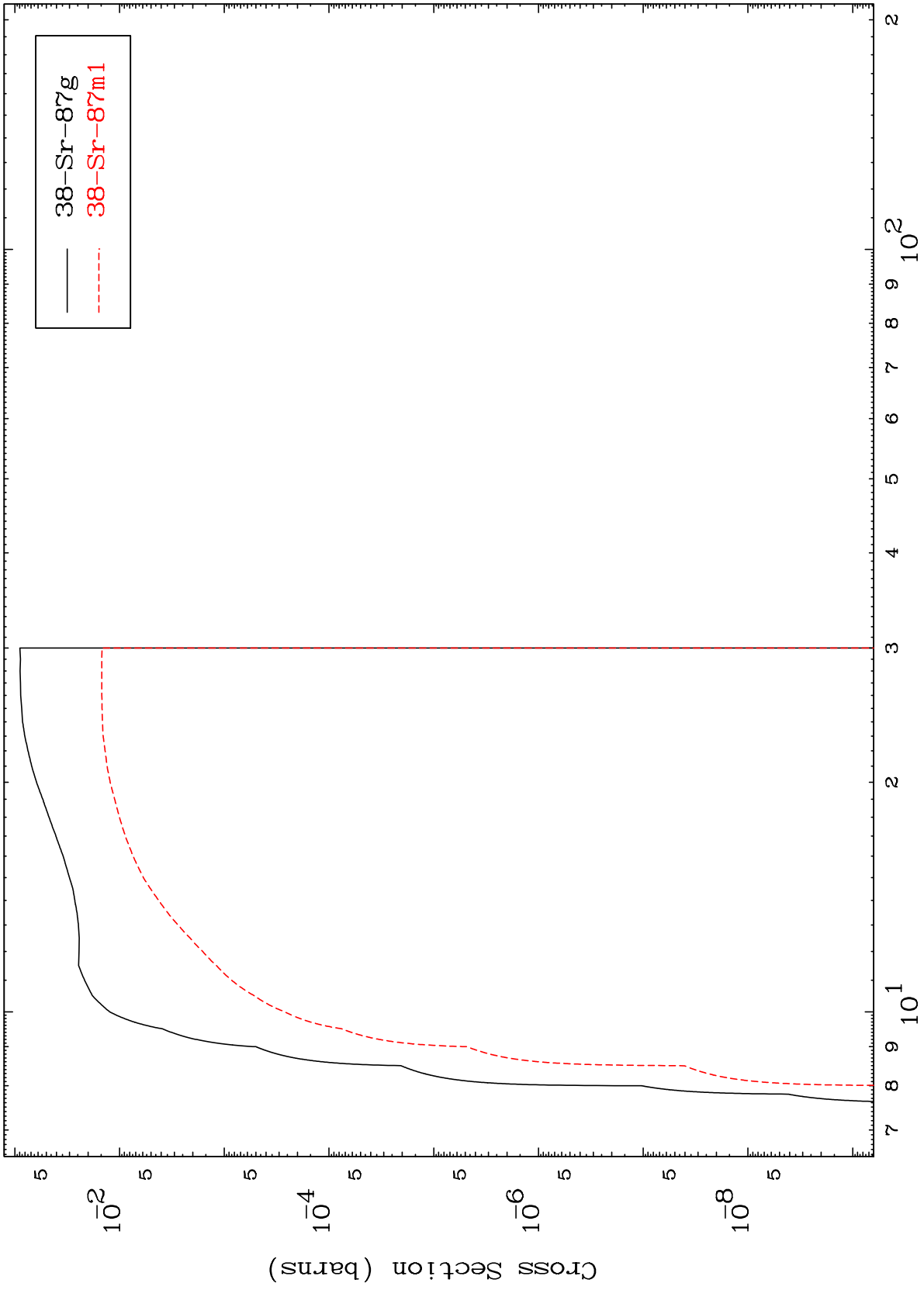
Incident Energy (MeV)

39-Y -88

MAT 3922

39-Y -88

(n,n') p
Radionuclide Production Cross Section



124

Incident Energy (MeV)

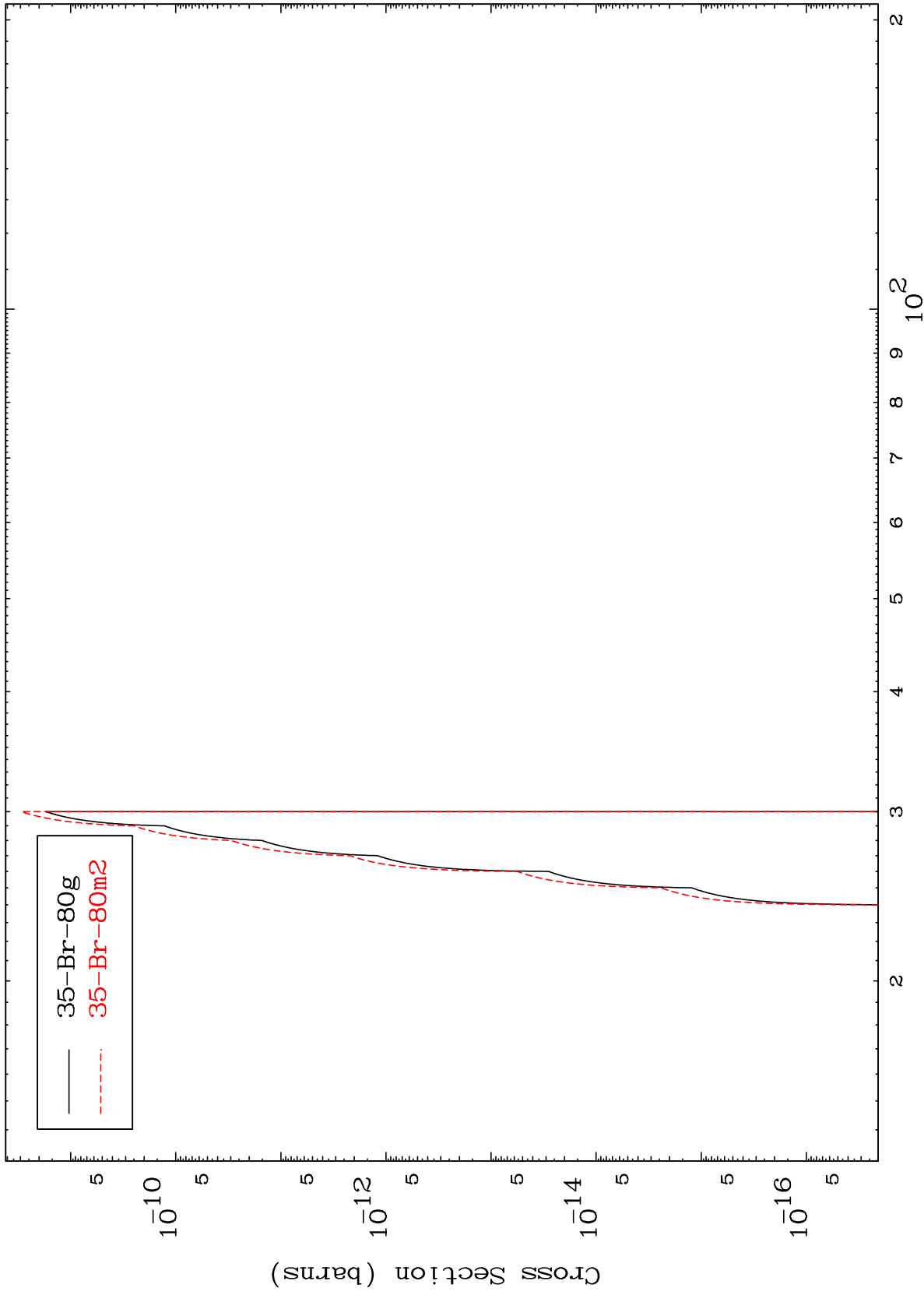
39-Y -88

MAT 3922

(n,n') 2 α

39-Y -88

Radionuclide Production Cross Section

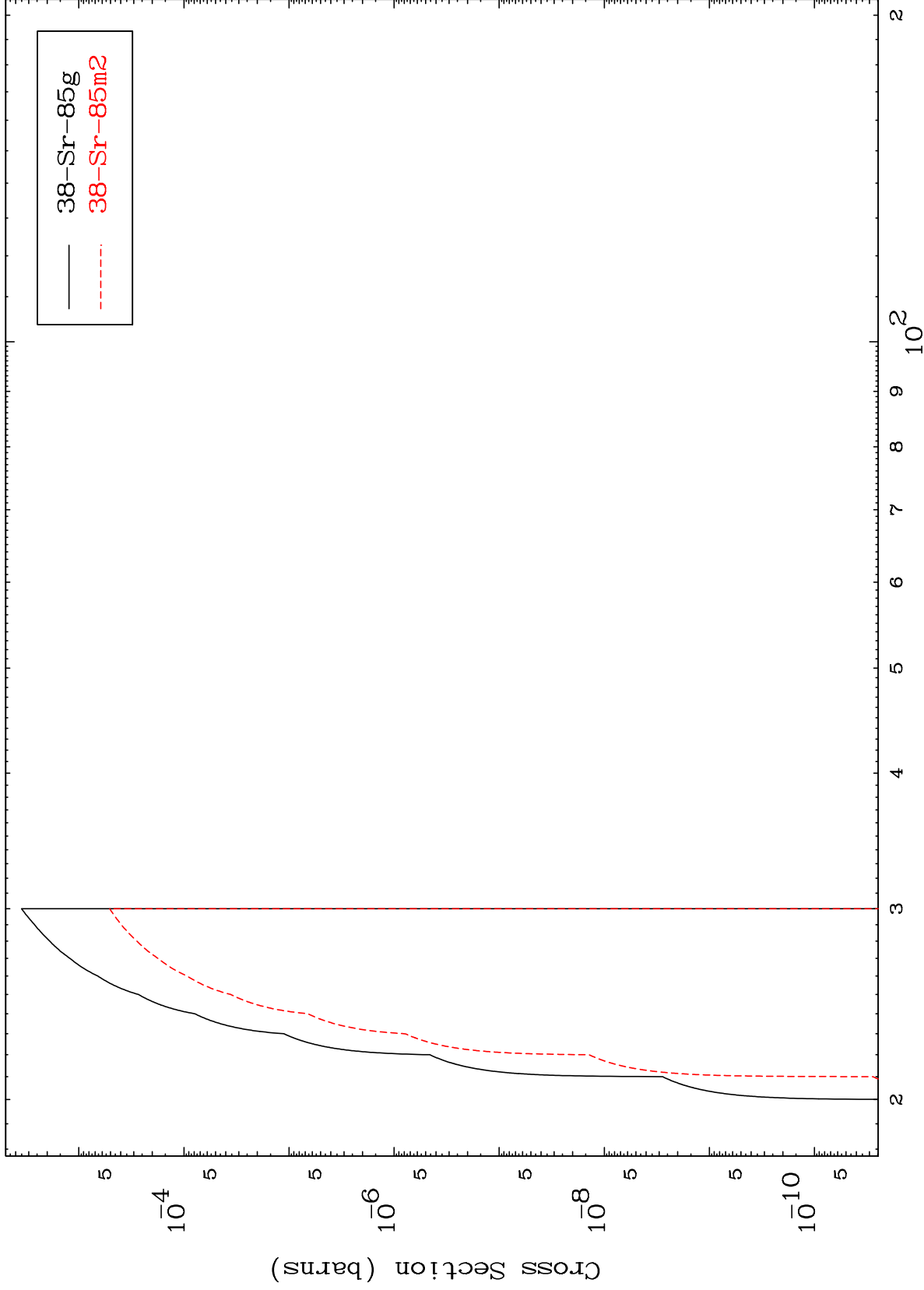


125

Incident Energy (MeV)

39-Y -88

Radionuclide Production Cross Section

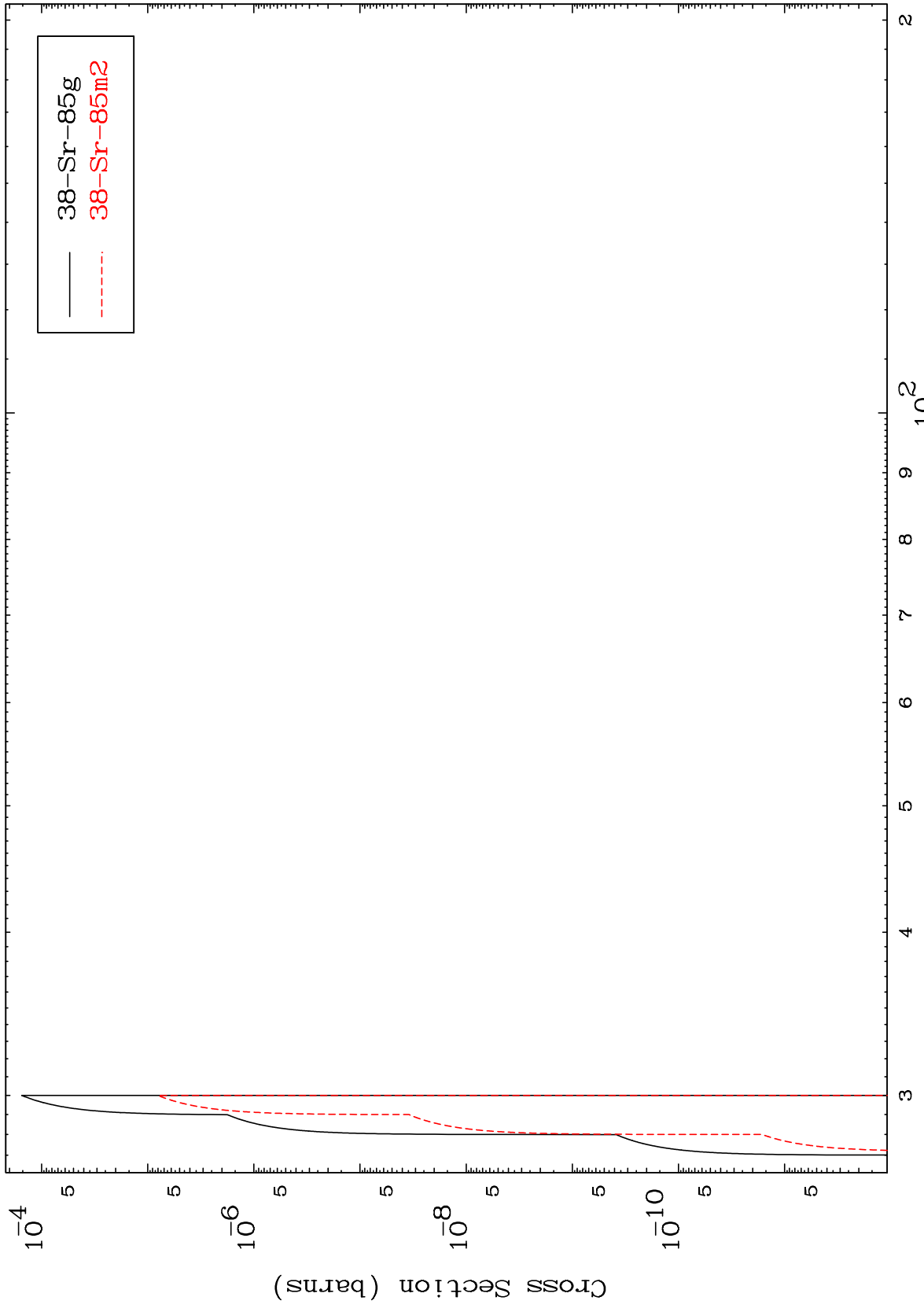


MAT 3922

(n,3n) p

39-Y -88

Radionuclide Production Cross Section

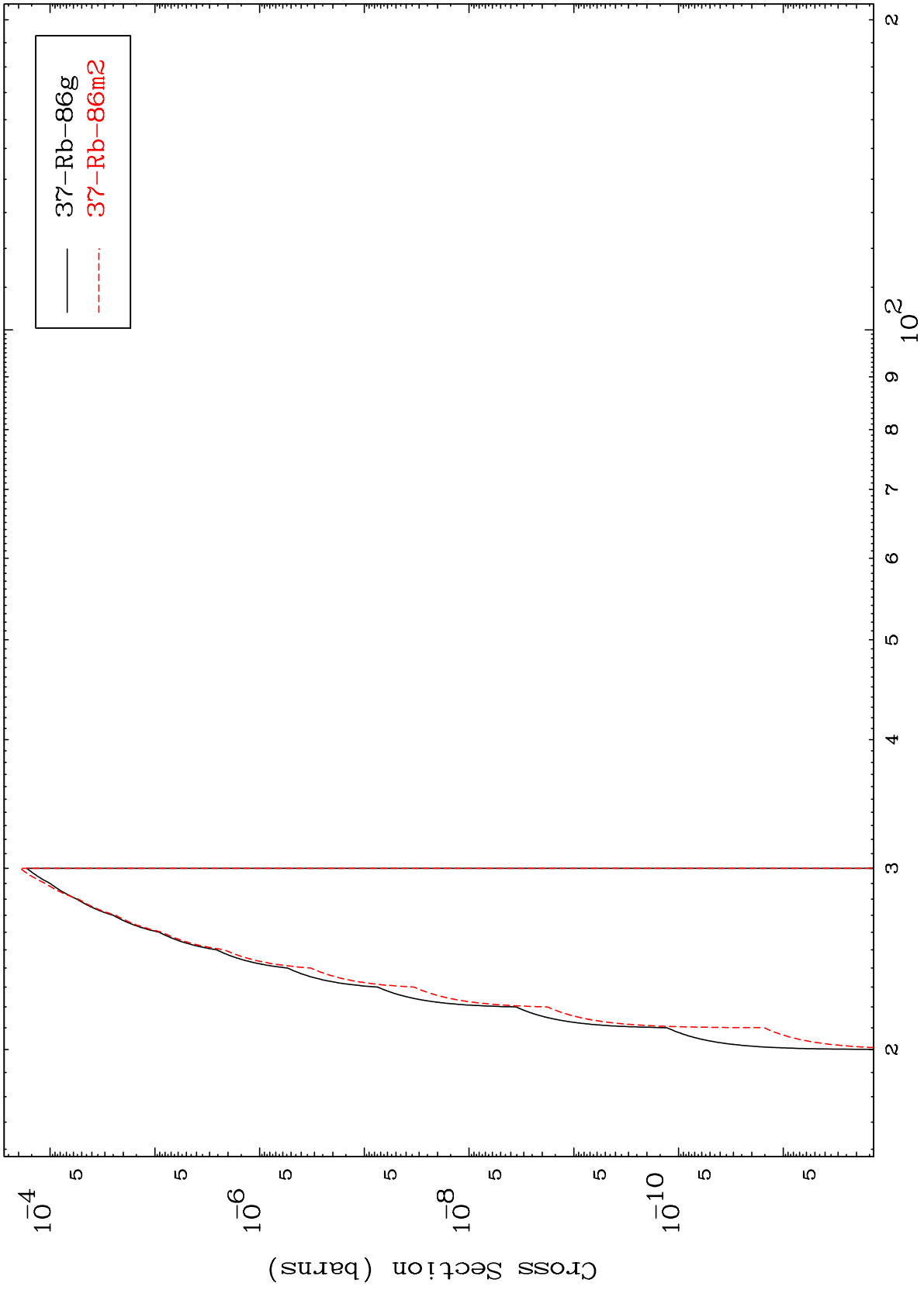


127

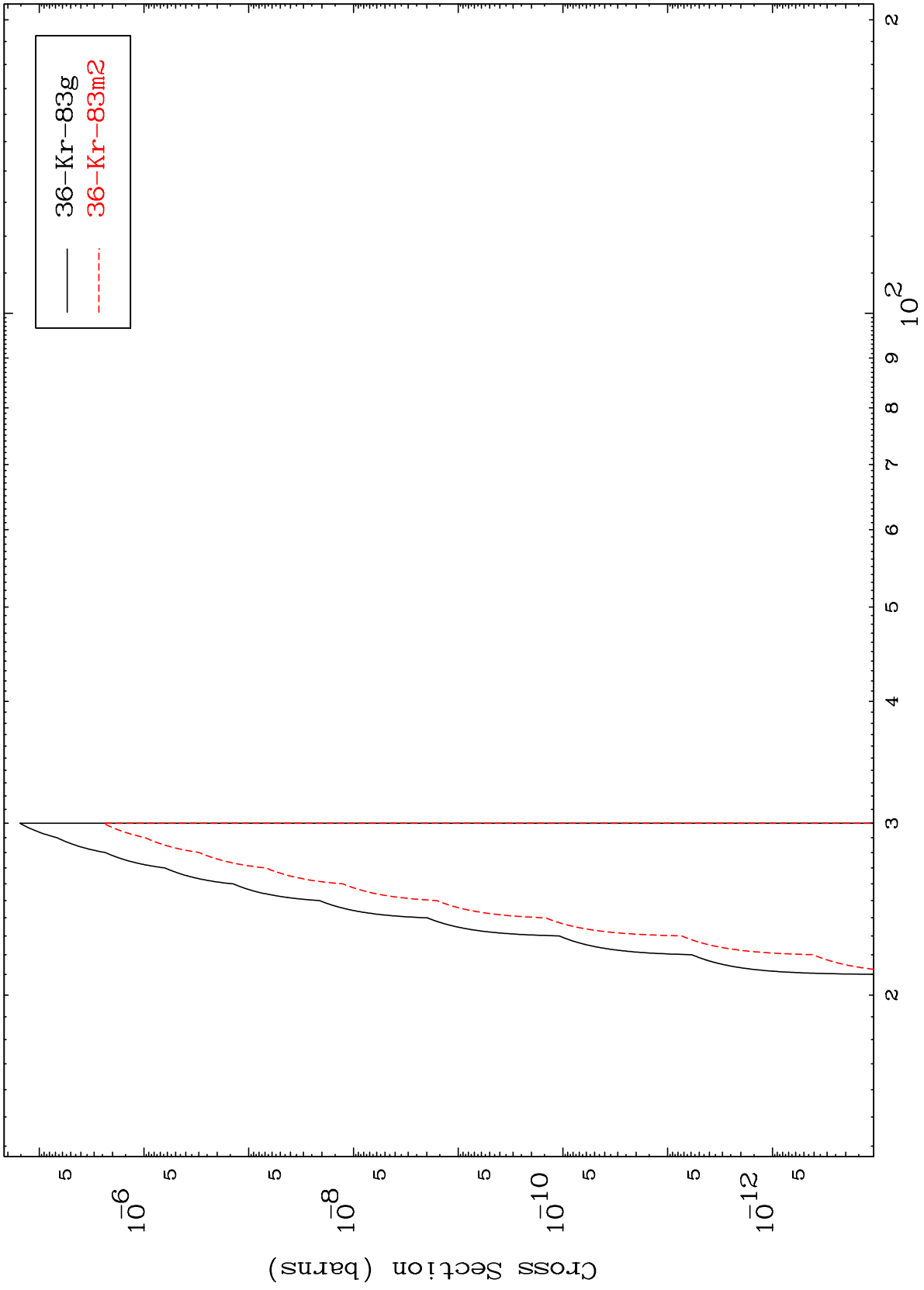
Incident Energy (MeV)

39-Y -88

(n,2n) p
Radionuclide Production Cross Section



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

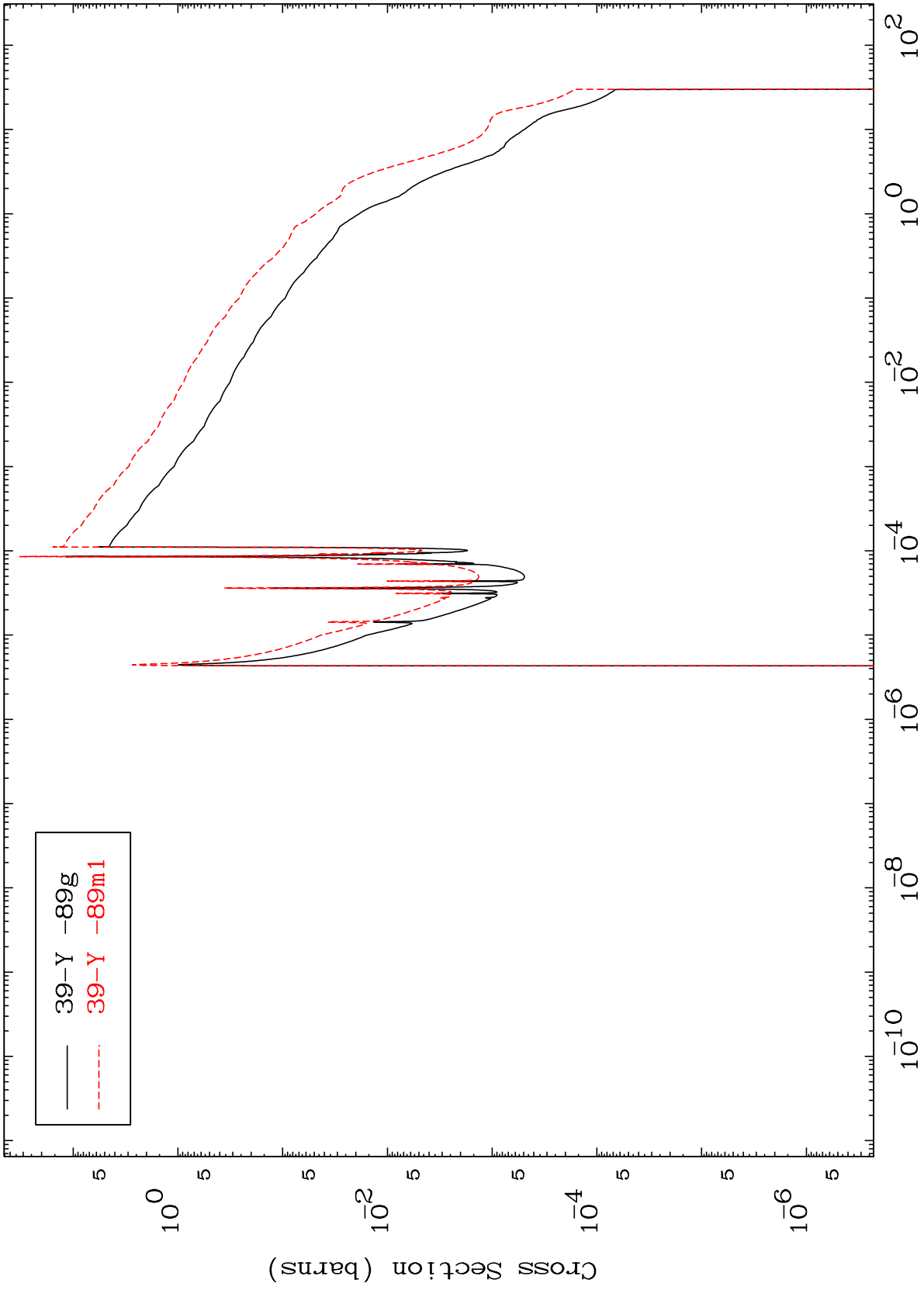


36-Kr-83g
36-Kr-83m2

MAT 3922

39-Y -88

Radionuclide Production Cross Section (n,γ)



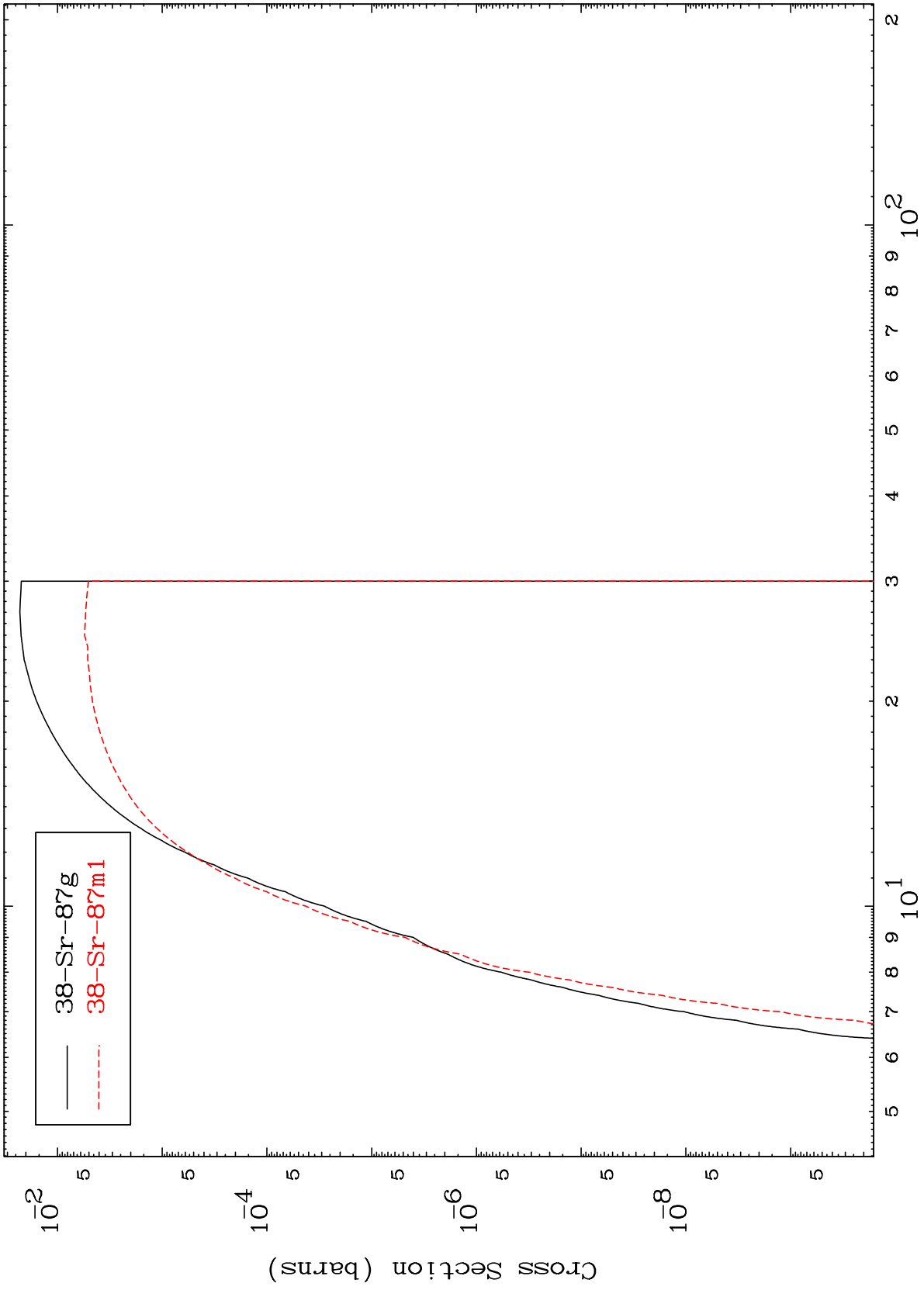
130

39-Y -88

MAT 3922

39-Y -88

Radionuclide Production Cross Section (n,d)



131

Incident Energy (MeV)

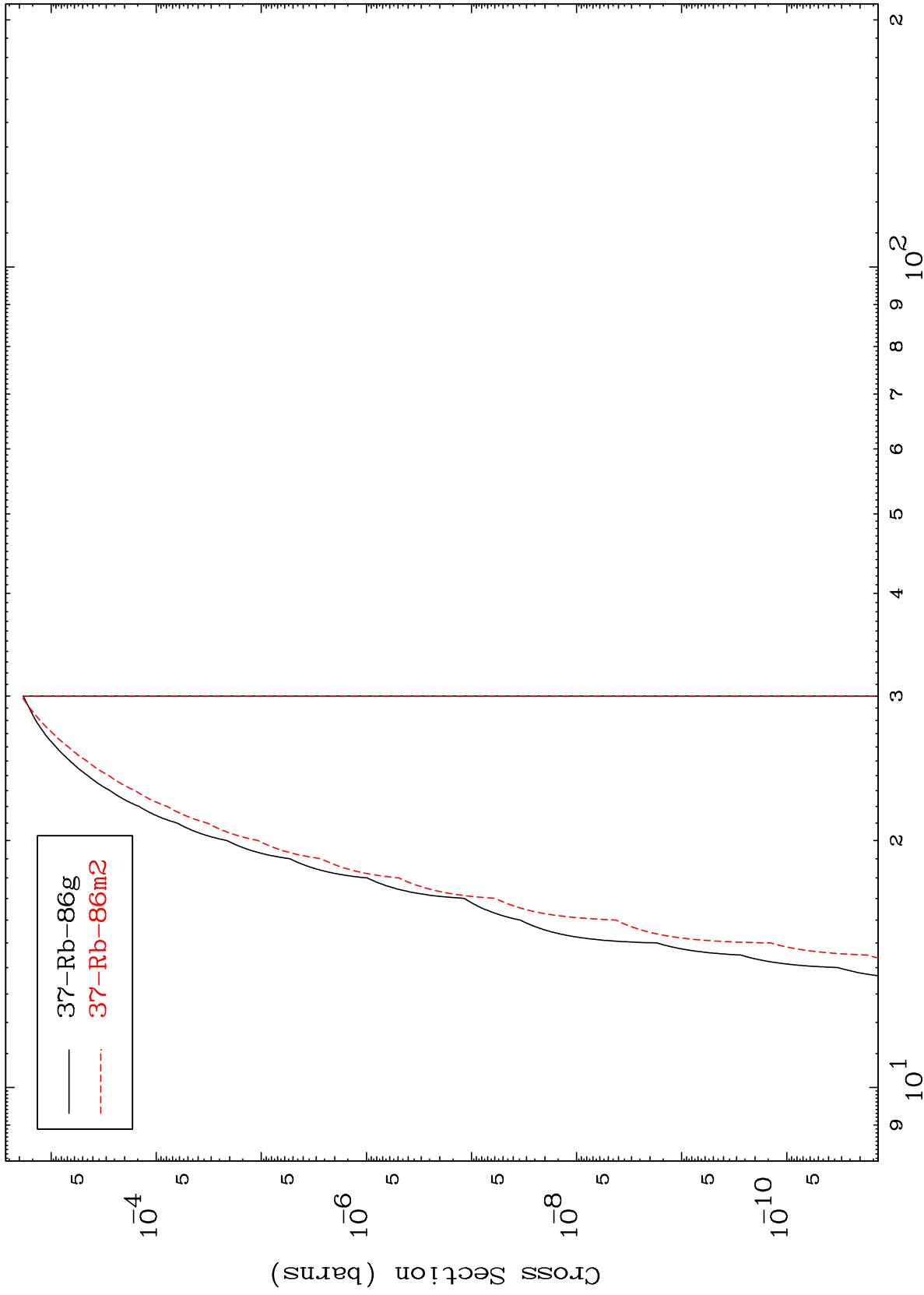
39-Y -88

MAT 3922

(n, He-3)

39-Y -88

Radionuclide Production Cross Section



132

Incident Energy (MeV)

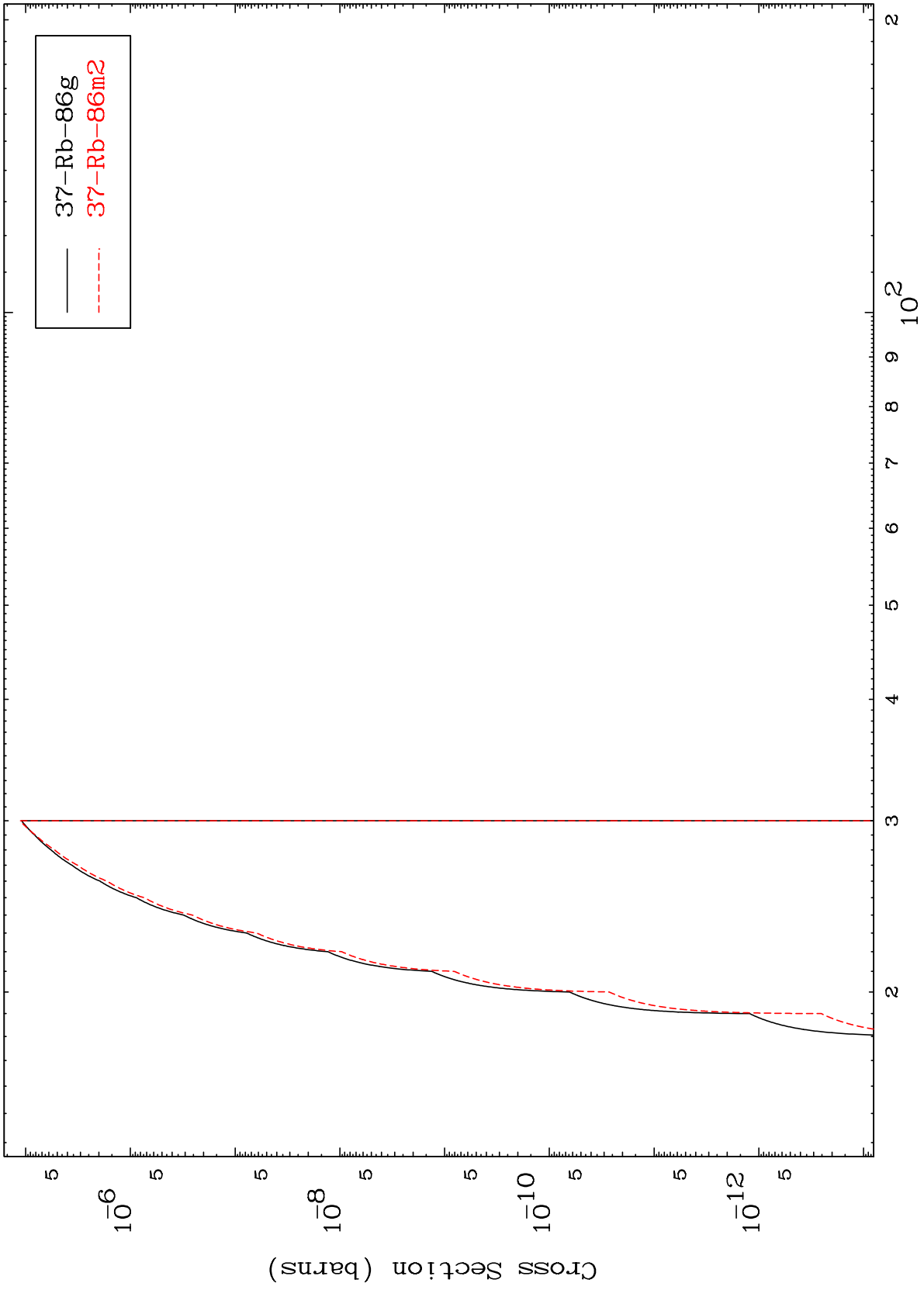
39-Y -88

MAT 3922

(n,p) d

39-Y -88

Radionuclide Production Cross Section



133

Incident Energy (MeV)

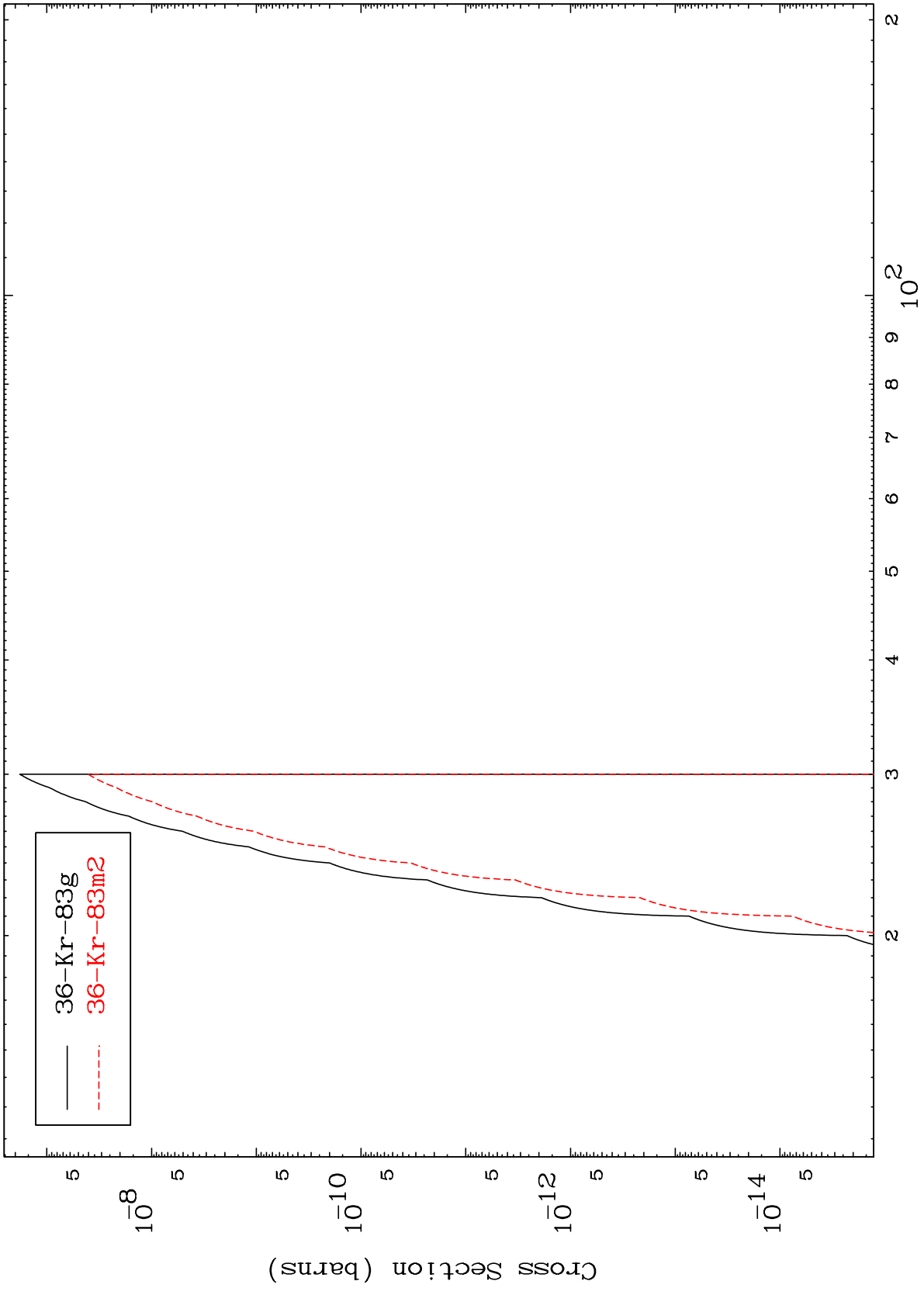
39-Y -88

MAT 3922

(n,d) α

39-Y -88

Radionuclide Production Cross Section



134

Incident Energy (MeV)

39-Y -88