

Program EVALPLOT
(Version 2018-1)

by

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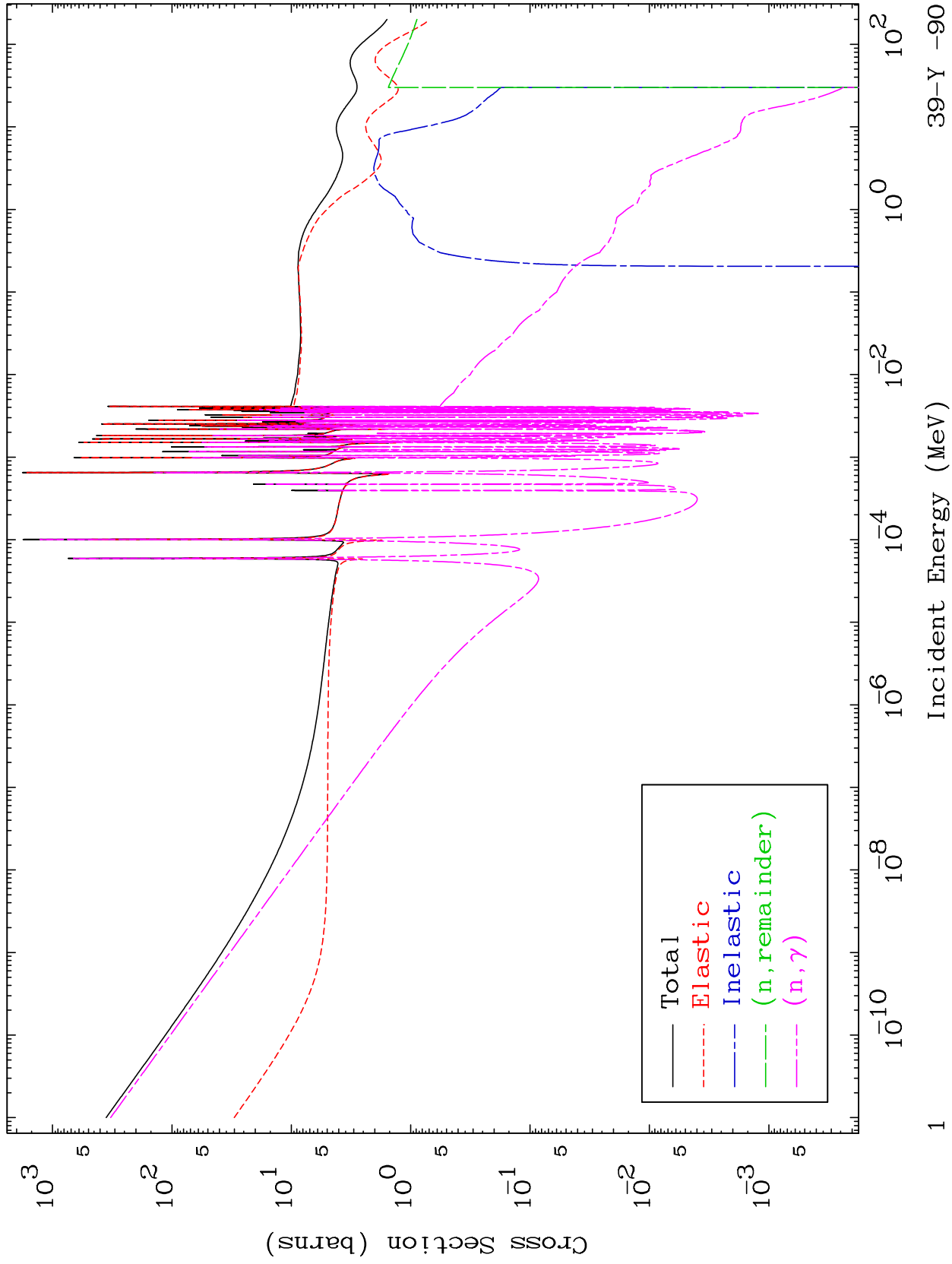
Press Mouse Button to Start

MAT 3928

Major

293 Kelvin Cross Sections

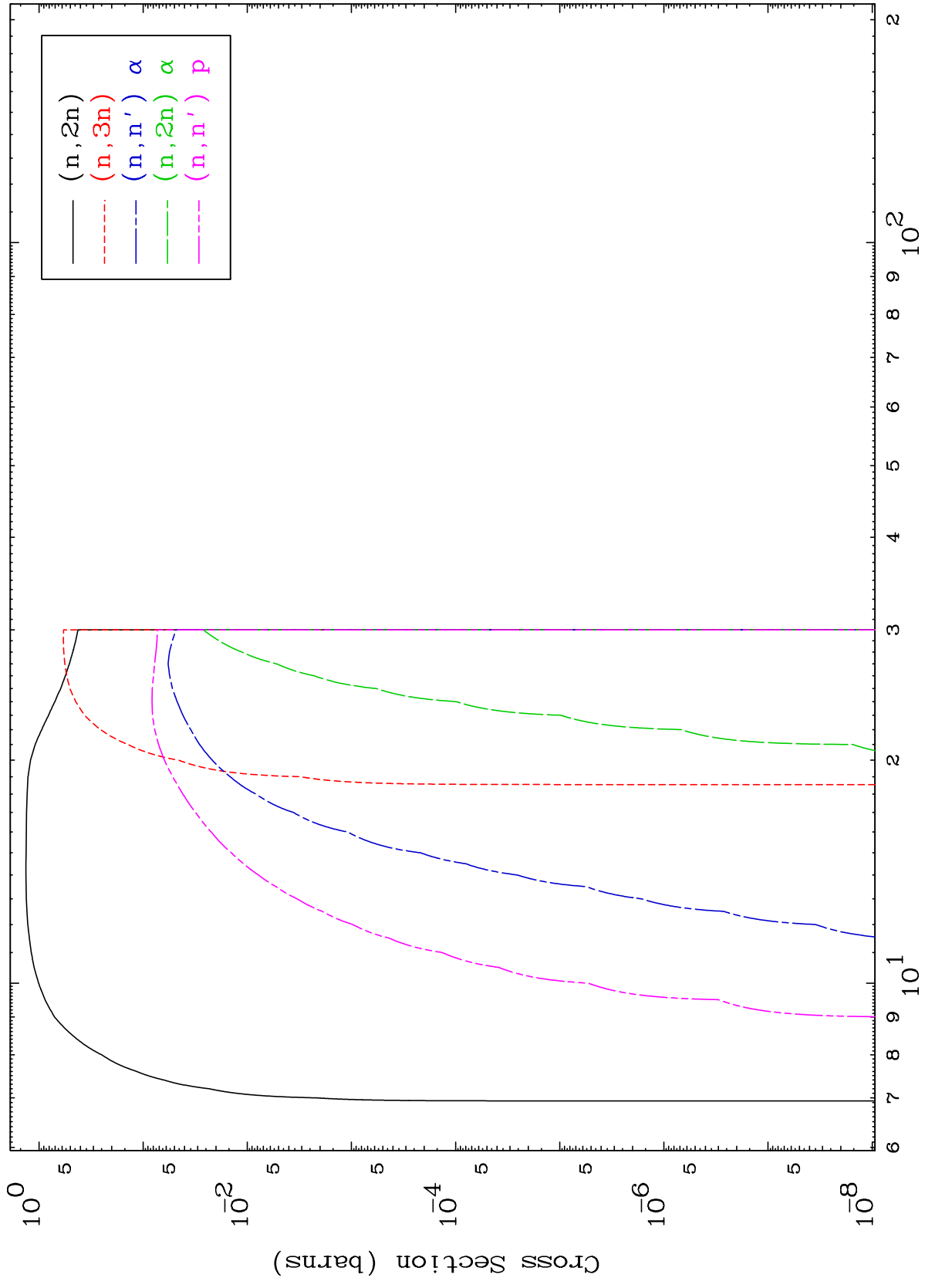
39-Y -90



MAT 3928

Neutron Production 293 Kelvin Cross Sections

39-Y -90



2

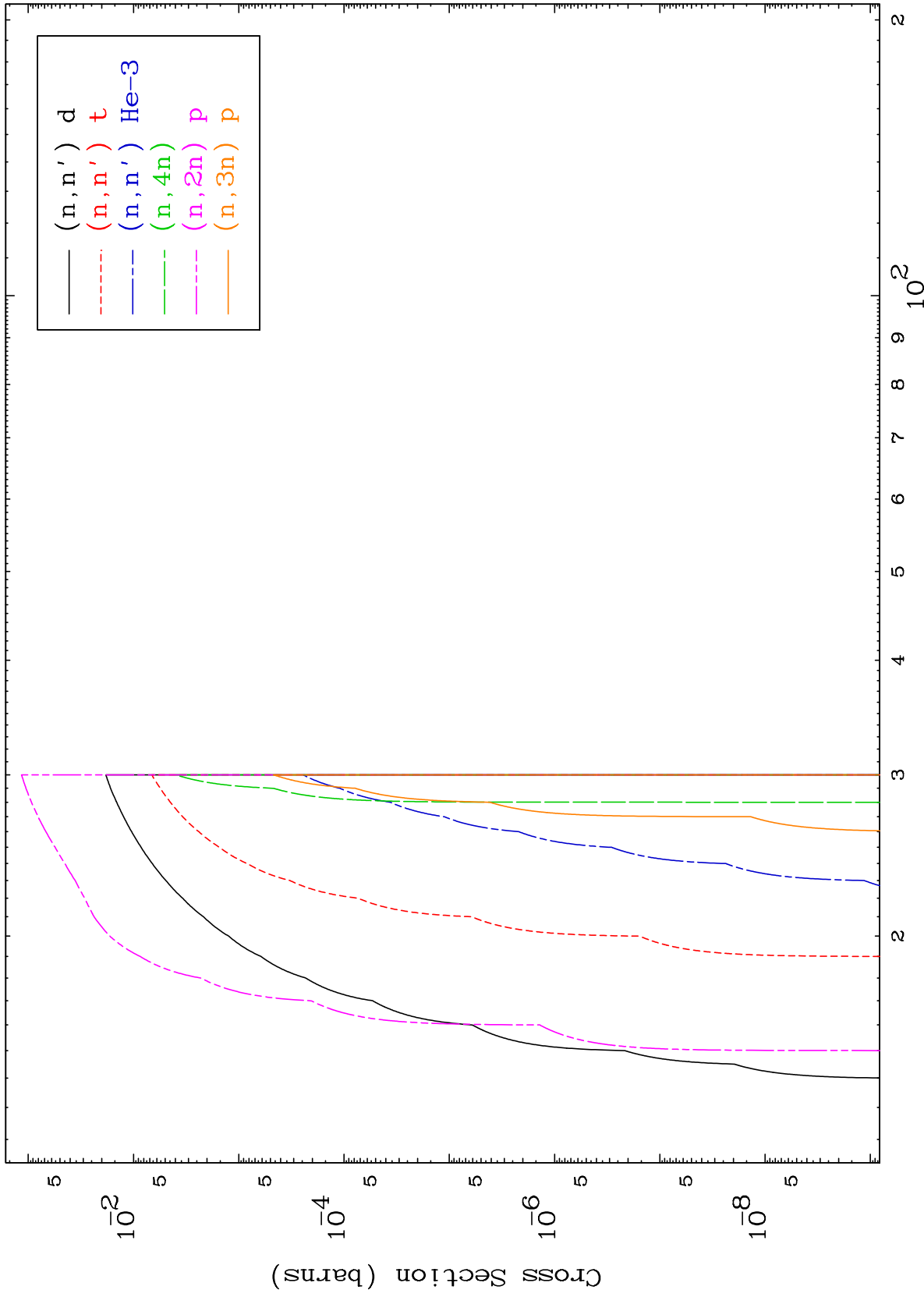
Incident Energy (MeV)

39-Y -90

MAT 3928

Neutron Production
293 Kelvin Cross Sections

39-Y -90



3

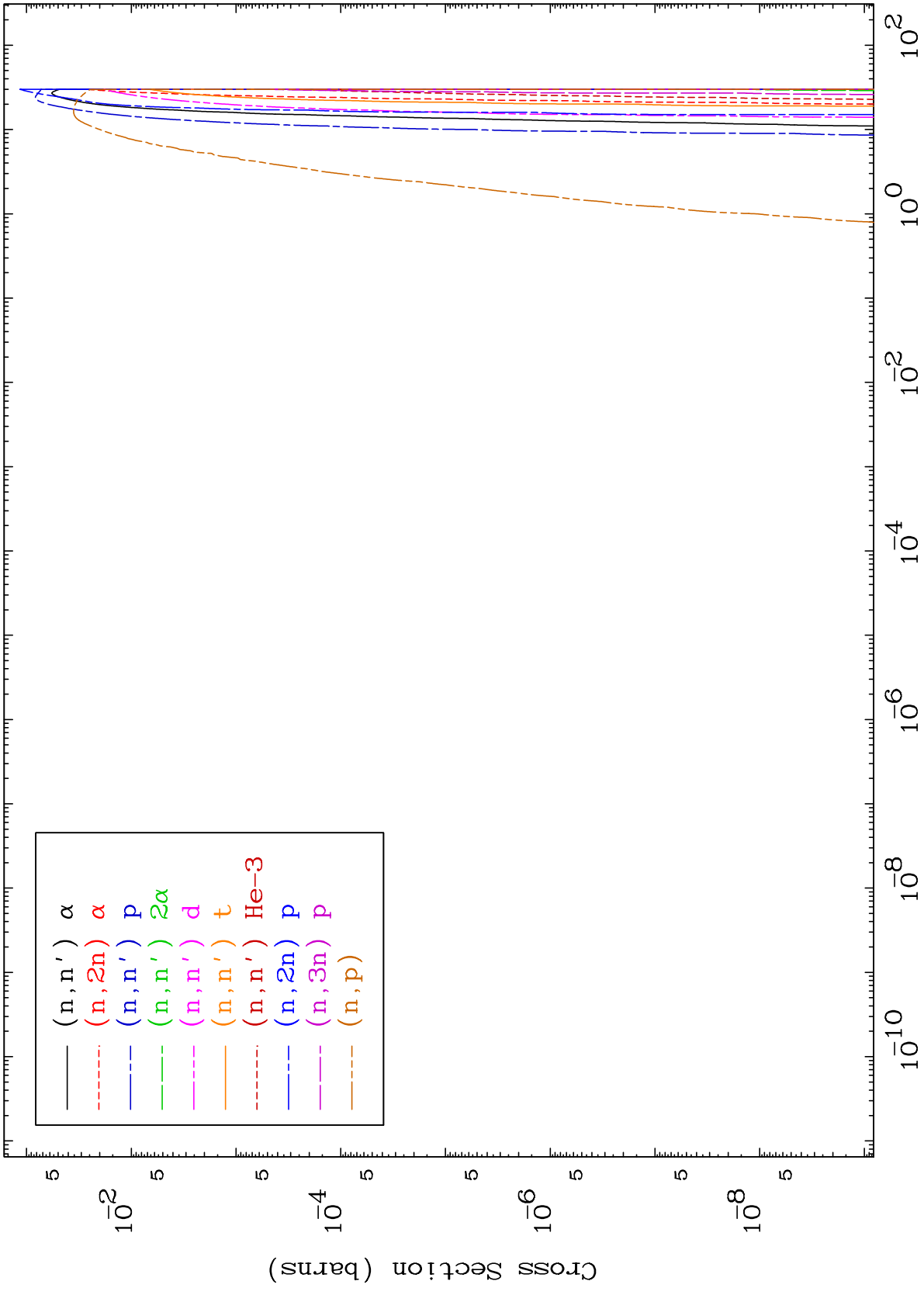
Incident Energy (MeV)

39-Y -90

MAT 3928

Charged Particle
293 Kelvin Cross Sections

39-Y -90

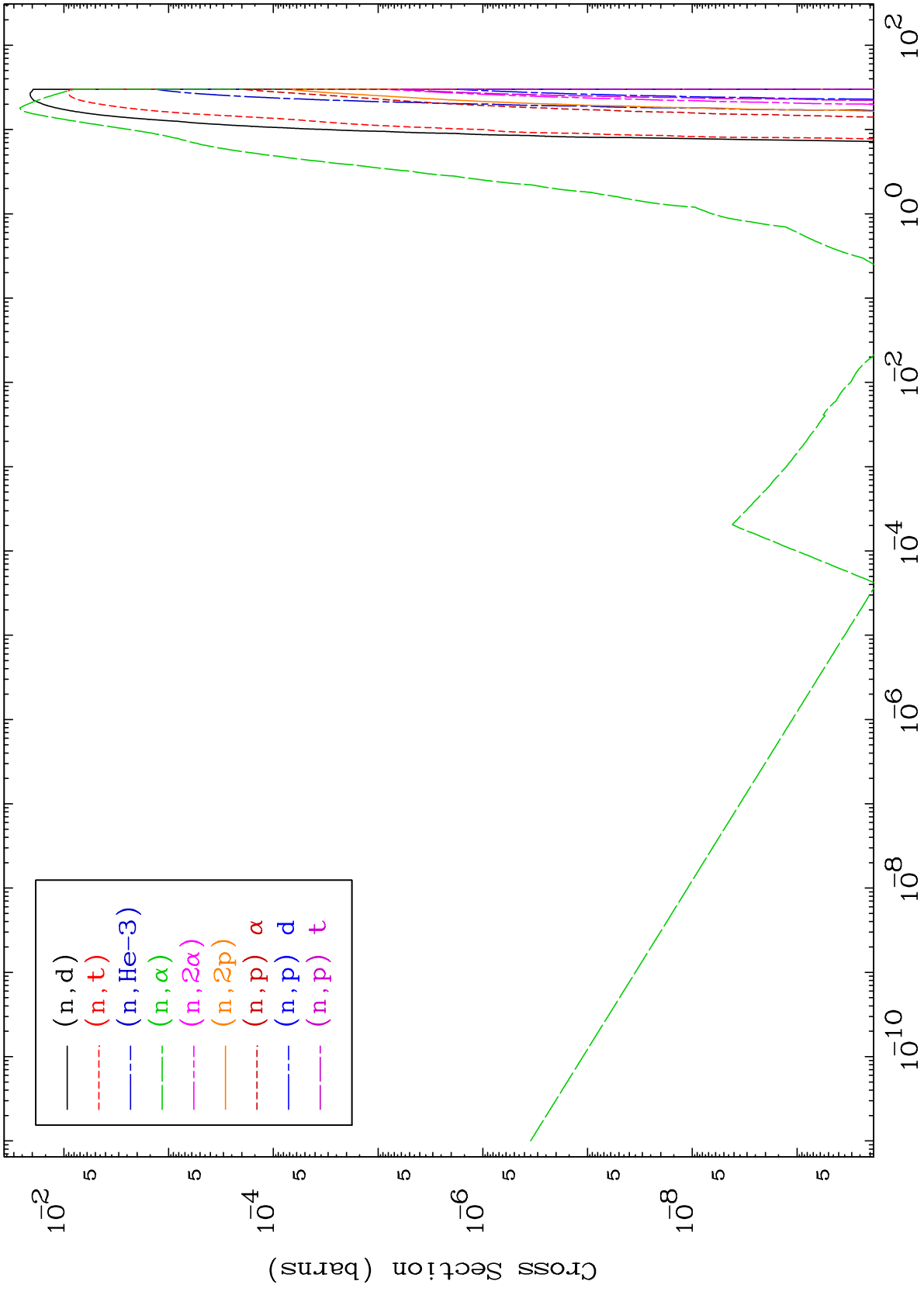


39-Y -90

MAT 3928

293 Kelvin Cross Sections

39-Y -90



5

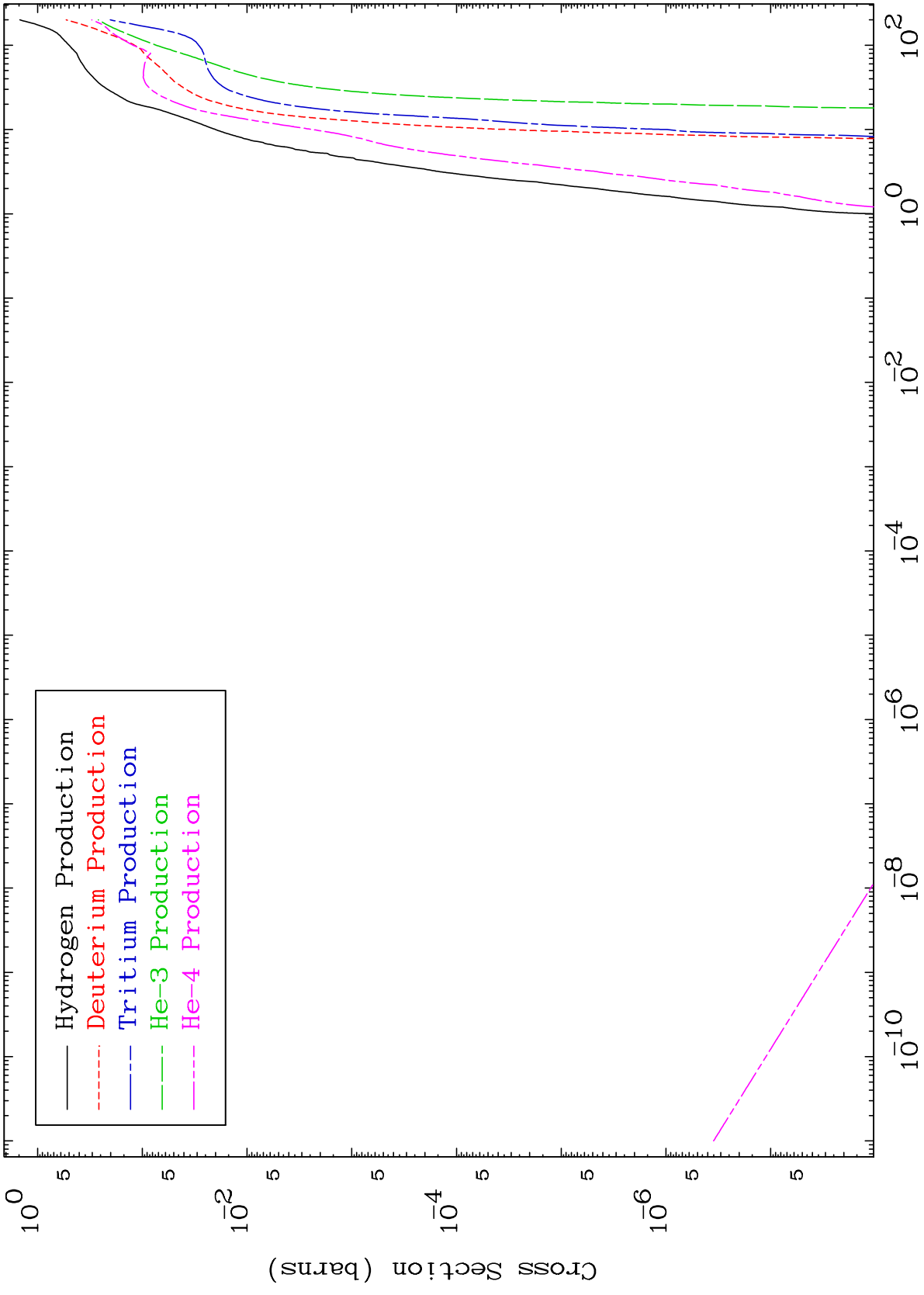
Incident Energy (MeV)

39-Y -90

MAT 3928

Particle Production
293 Kelvin Cross Sections

39-Y -90



6

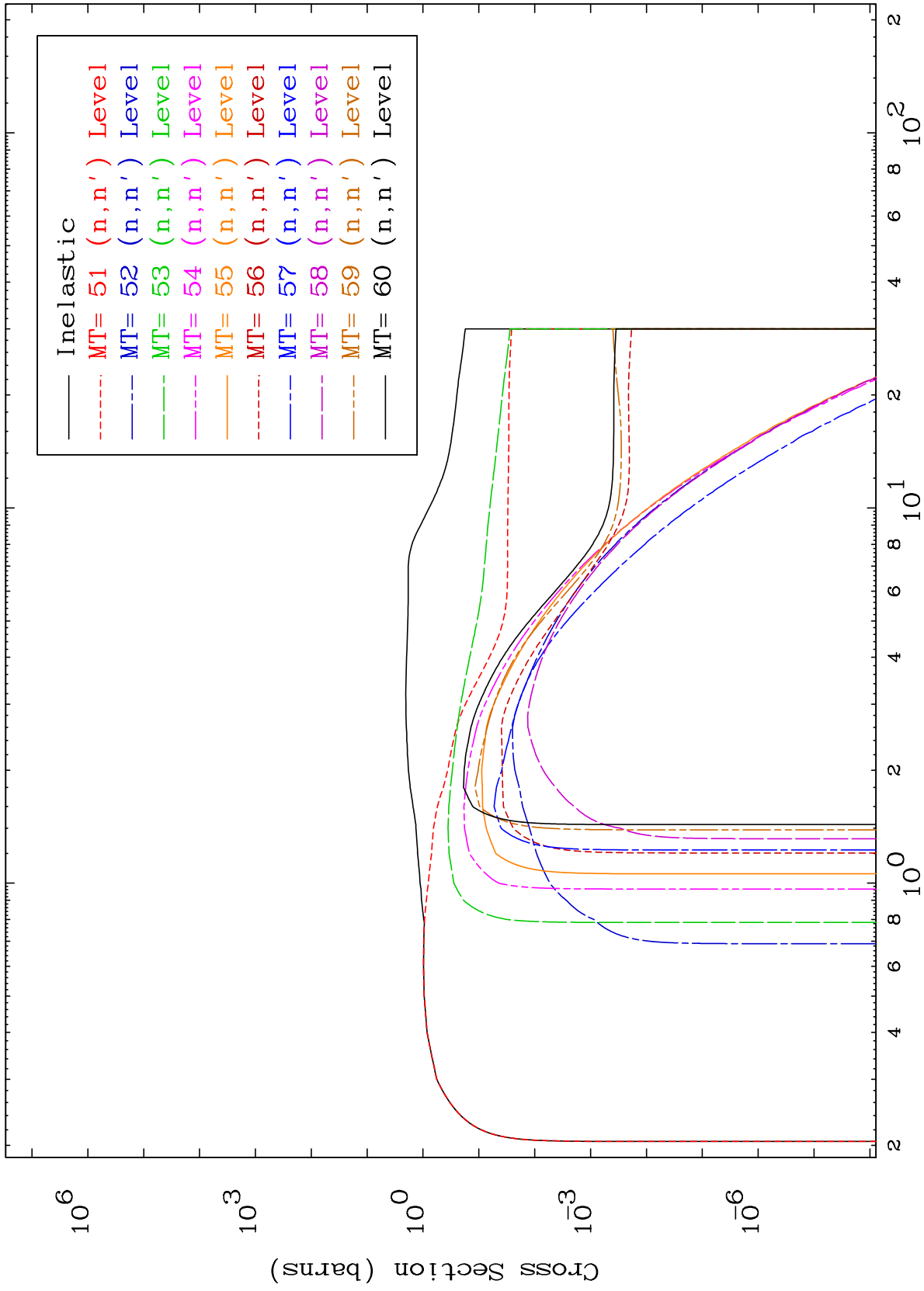
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,n') Level
293 Kelvin Cross Sections

39-Y -90



7

Incident Energy (MeV)

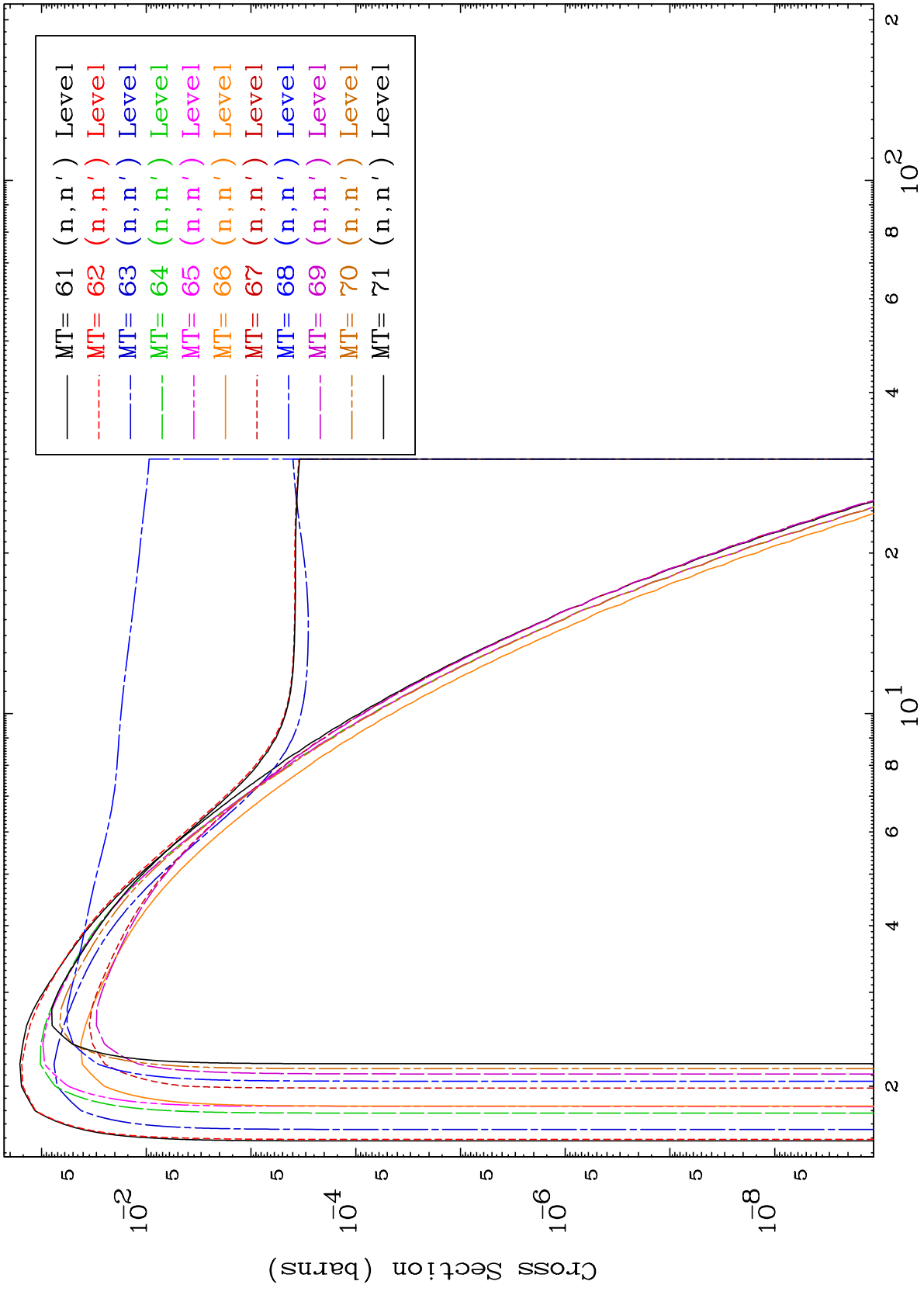
39-Y -90

MAT 3928

(n,n') Level

39-Y -90

293 Kelvin Cross Sections



8

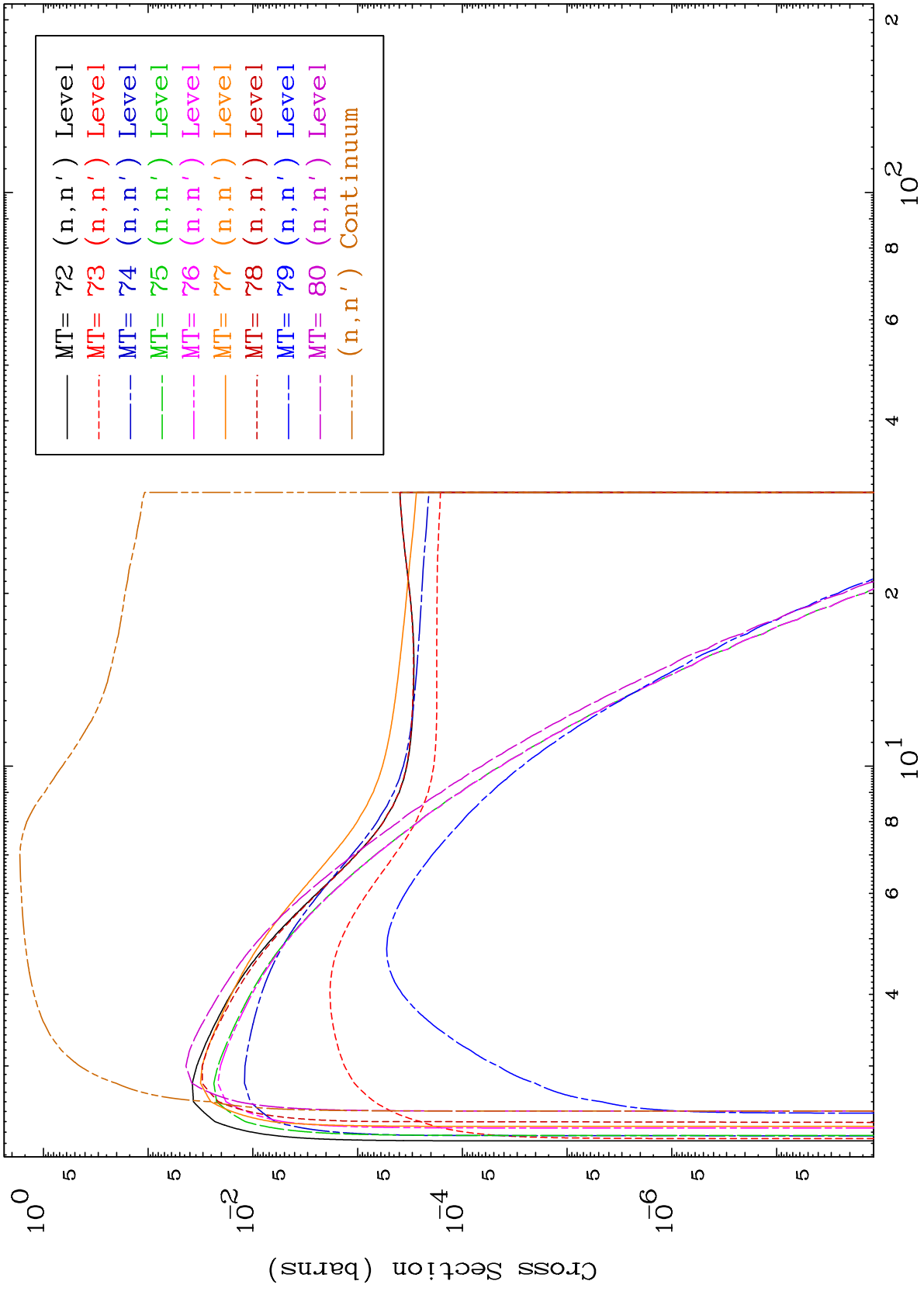
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,n') Level
293 Kelvin Cross Sections

39-Y -90



9

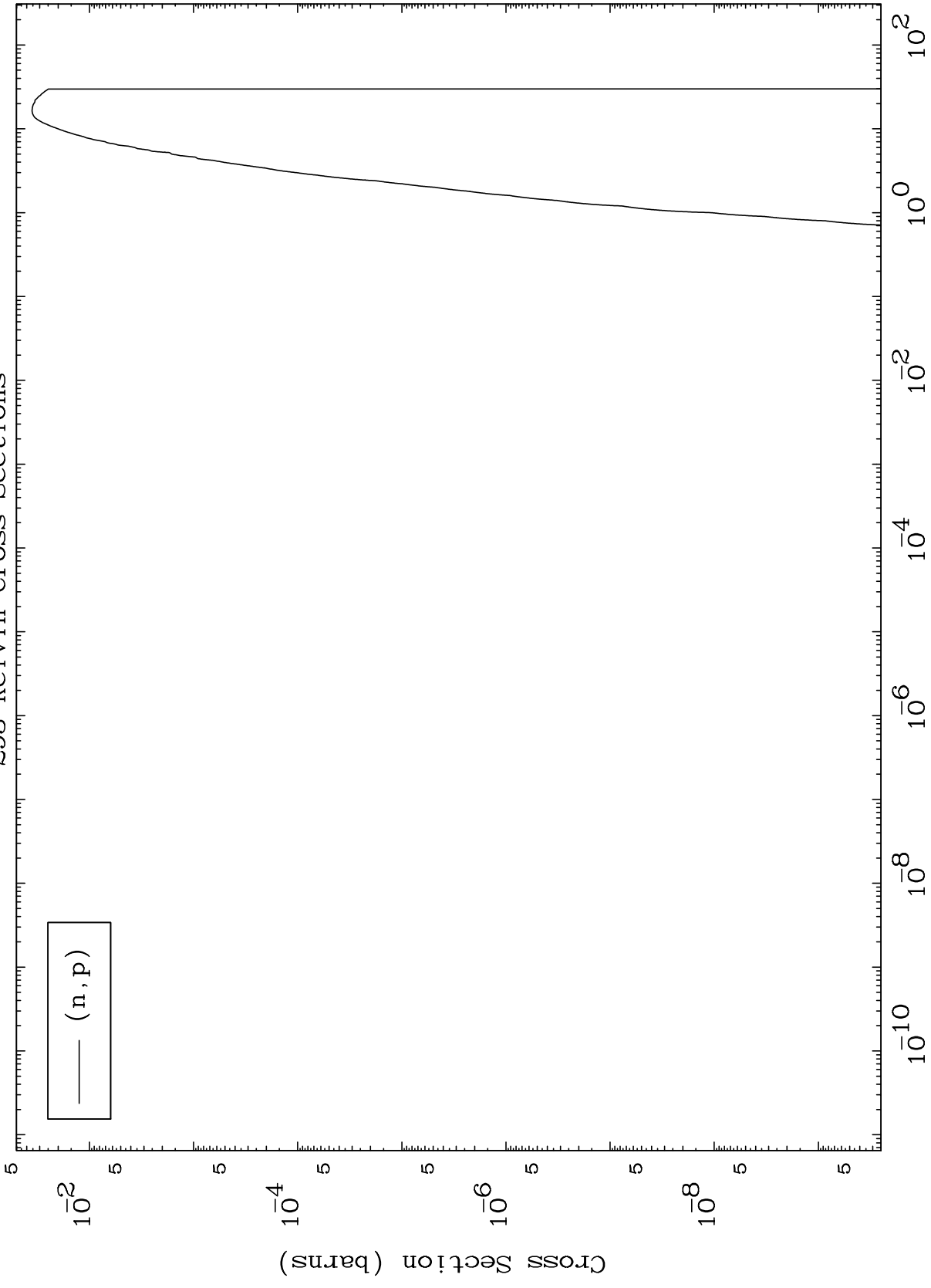
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,p) Levels
293 Kelvin Cross Sections

39-Y -90



10

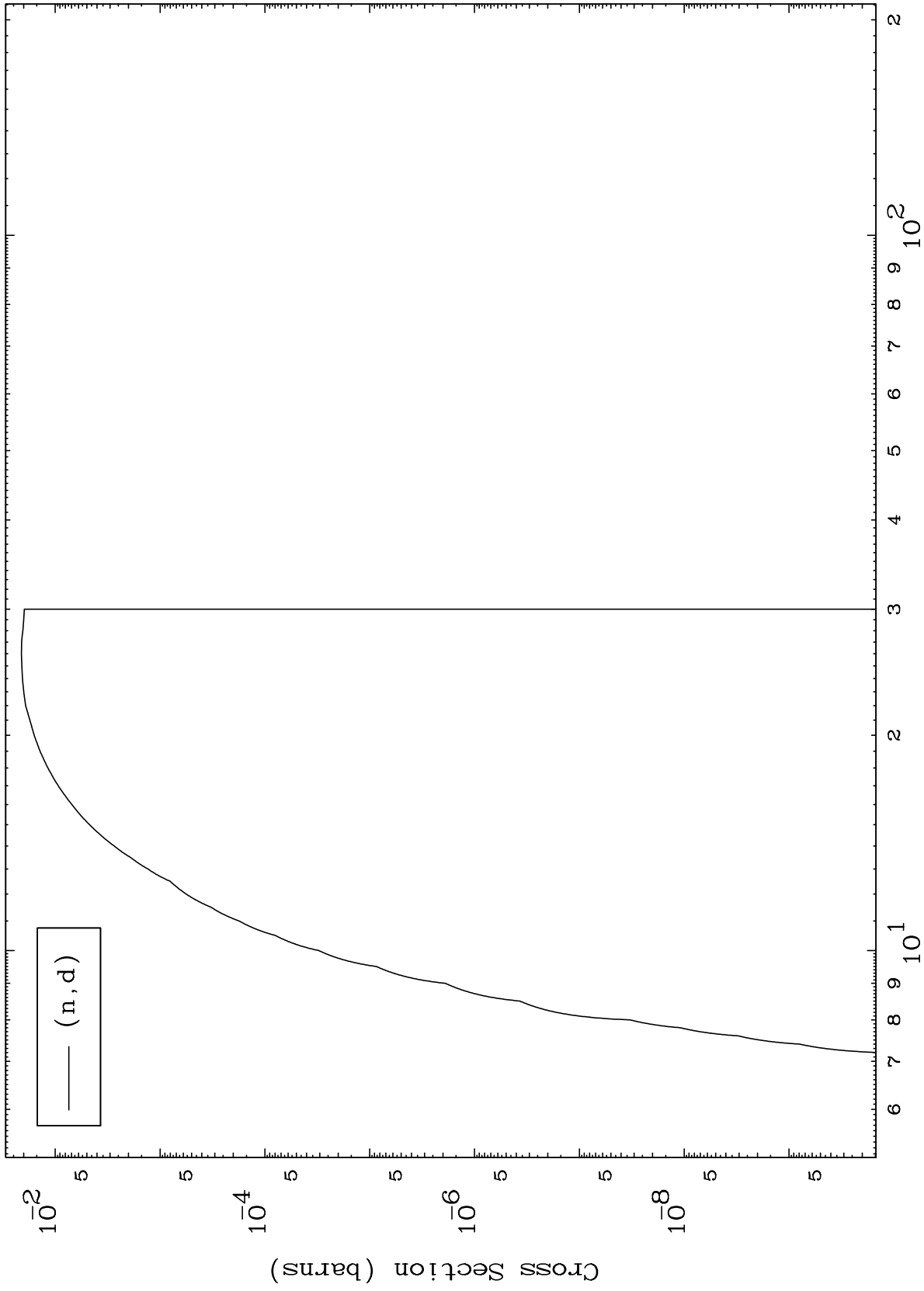
Incident Energy (MeV)

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MAT 3928

(n,d) Levels
293 Kelvin Cross Sections

39-Y -90



11

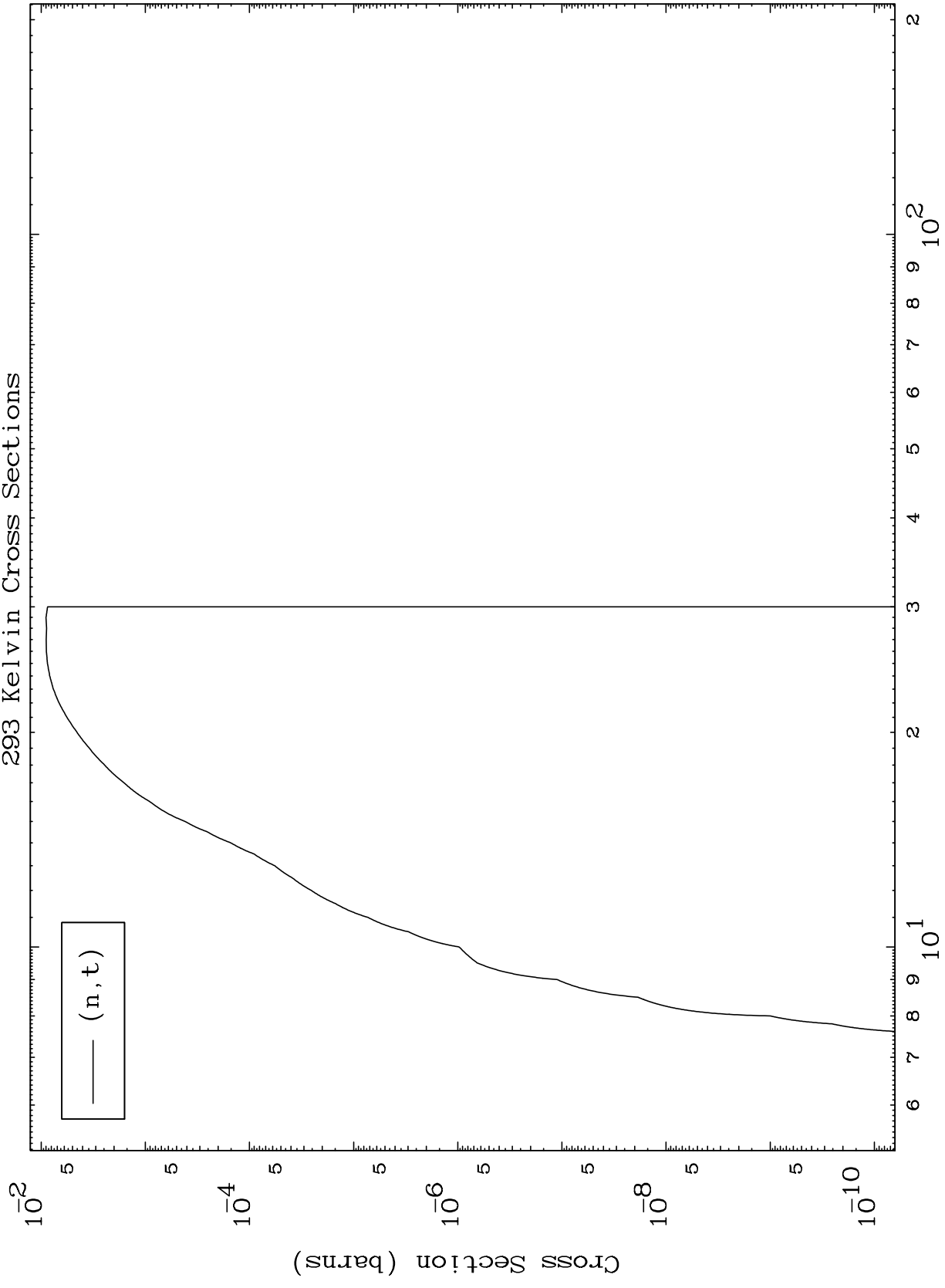
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,t) Levels
293 Kelvin Cross Sections

39-Y -90



12

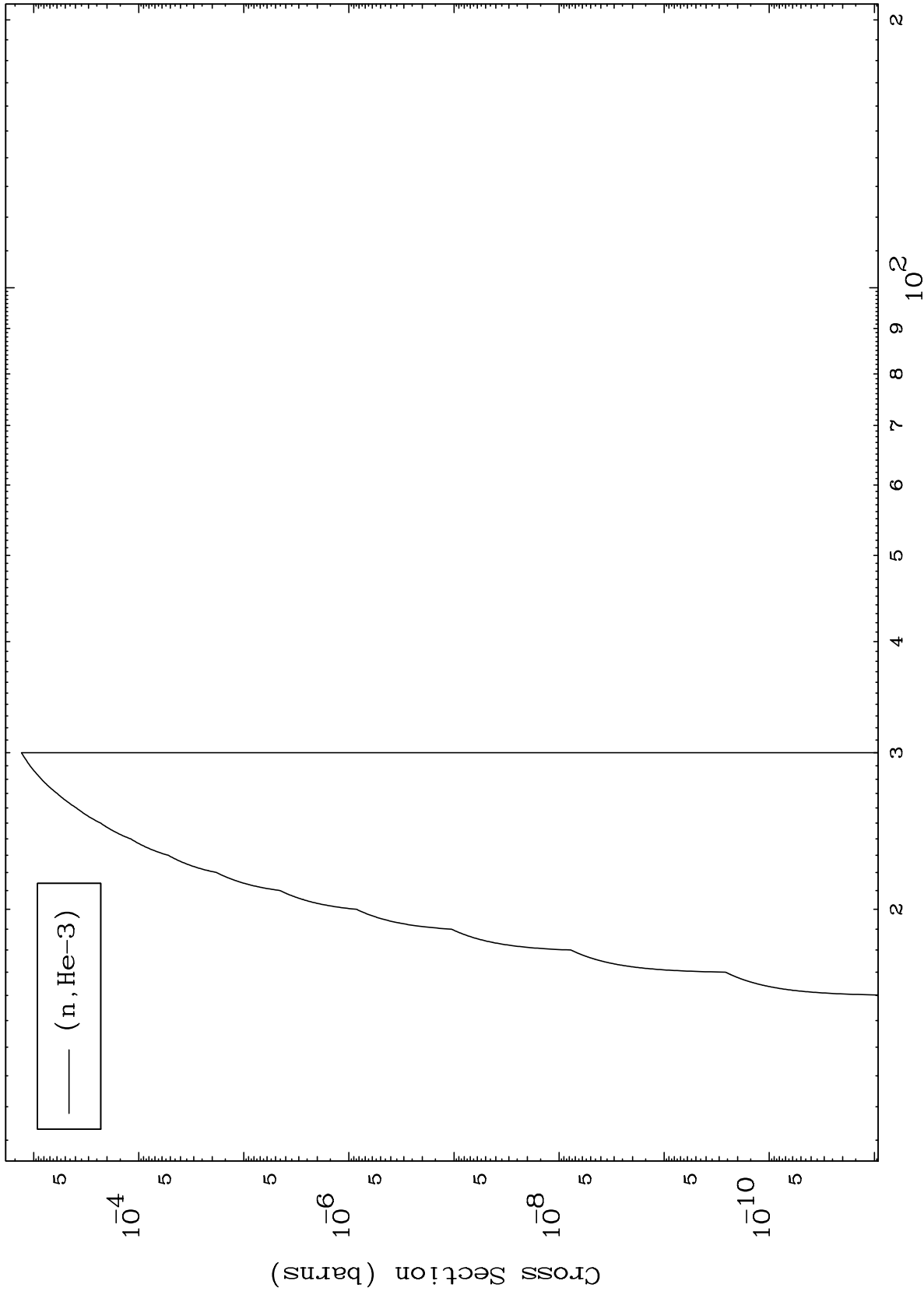
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -90



13

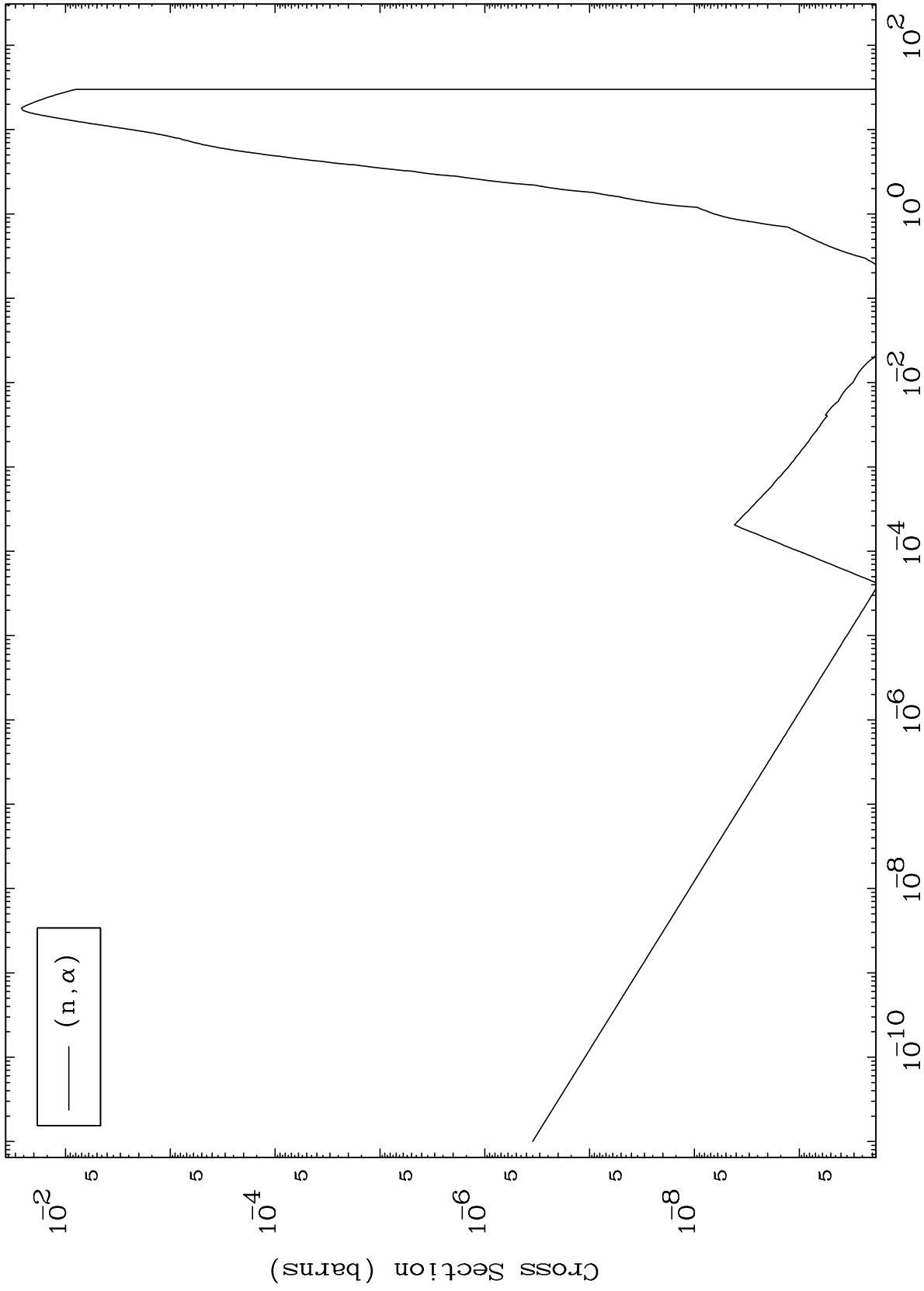
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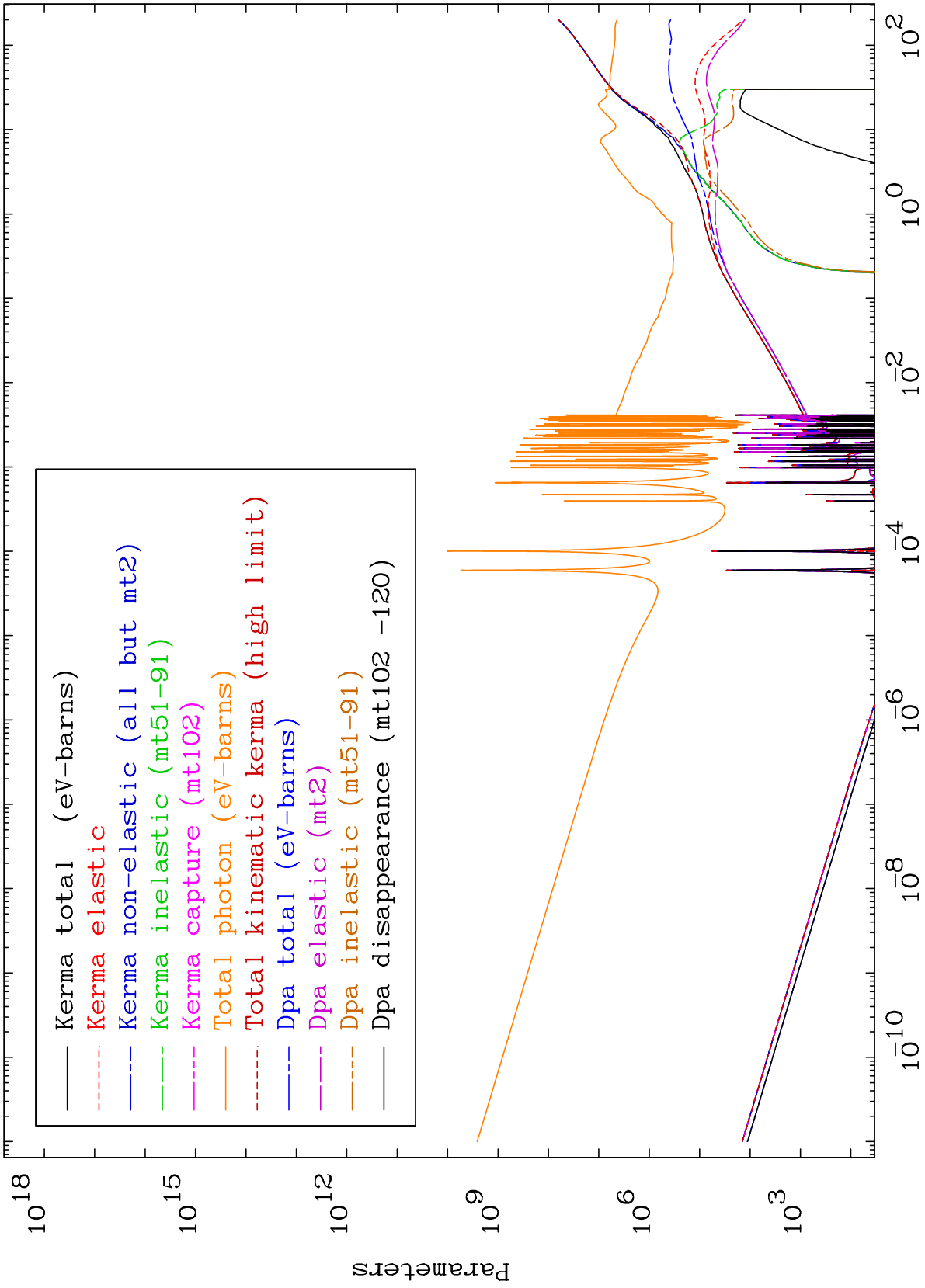
39-Y -90

MAT 3928

293 Kelvin Cross Sections
(n,α) Levels

39-Y -90

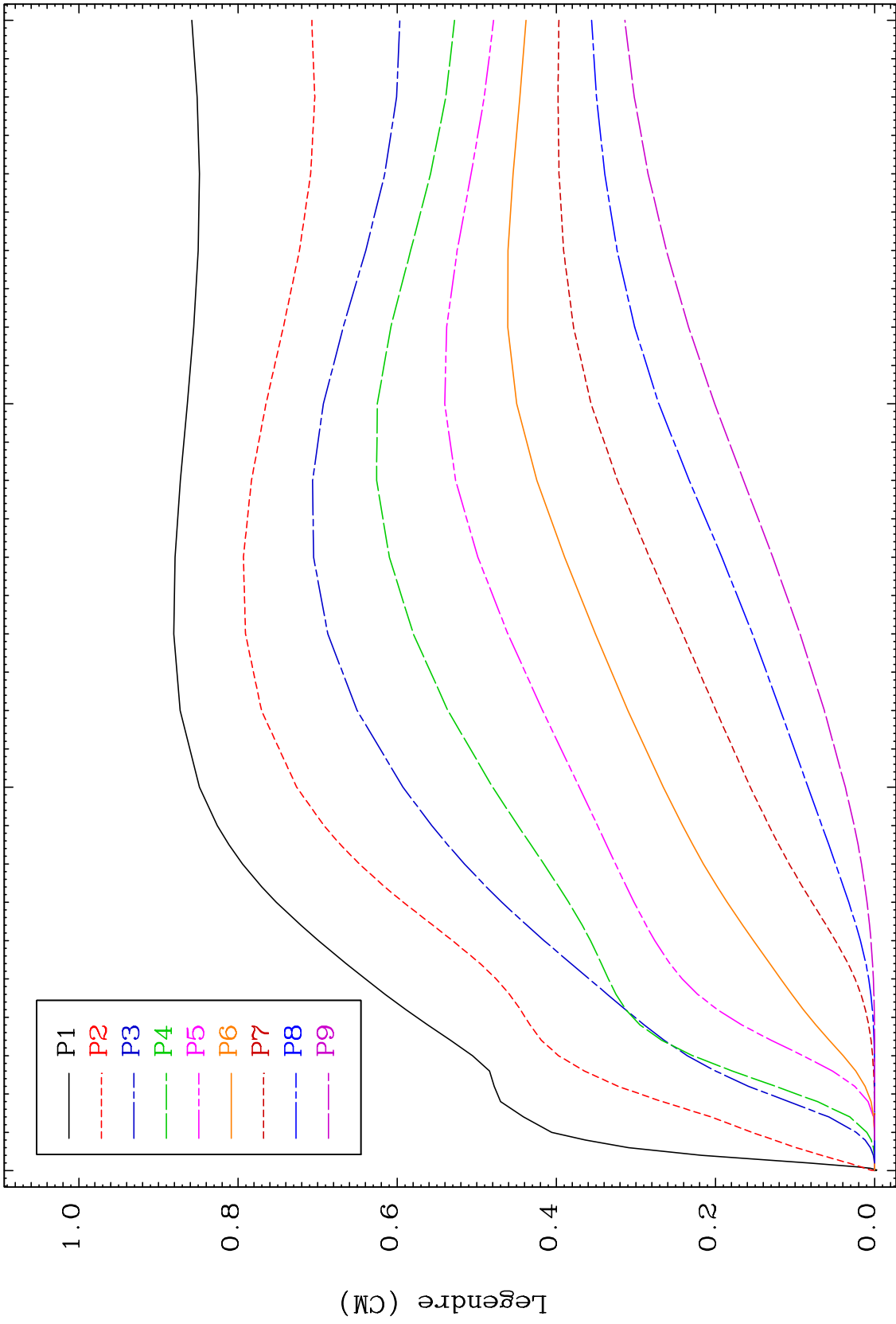




MAT 3928

Elastic Legendre Coefficients

39-Y -90



16

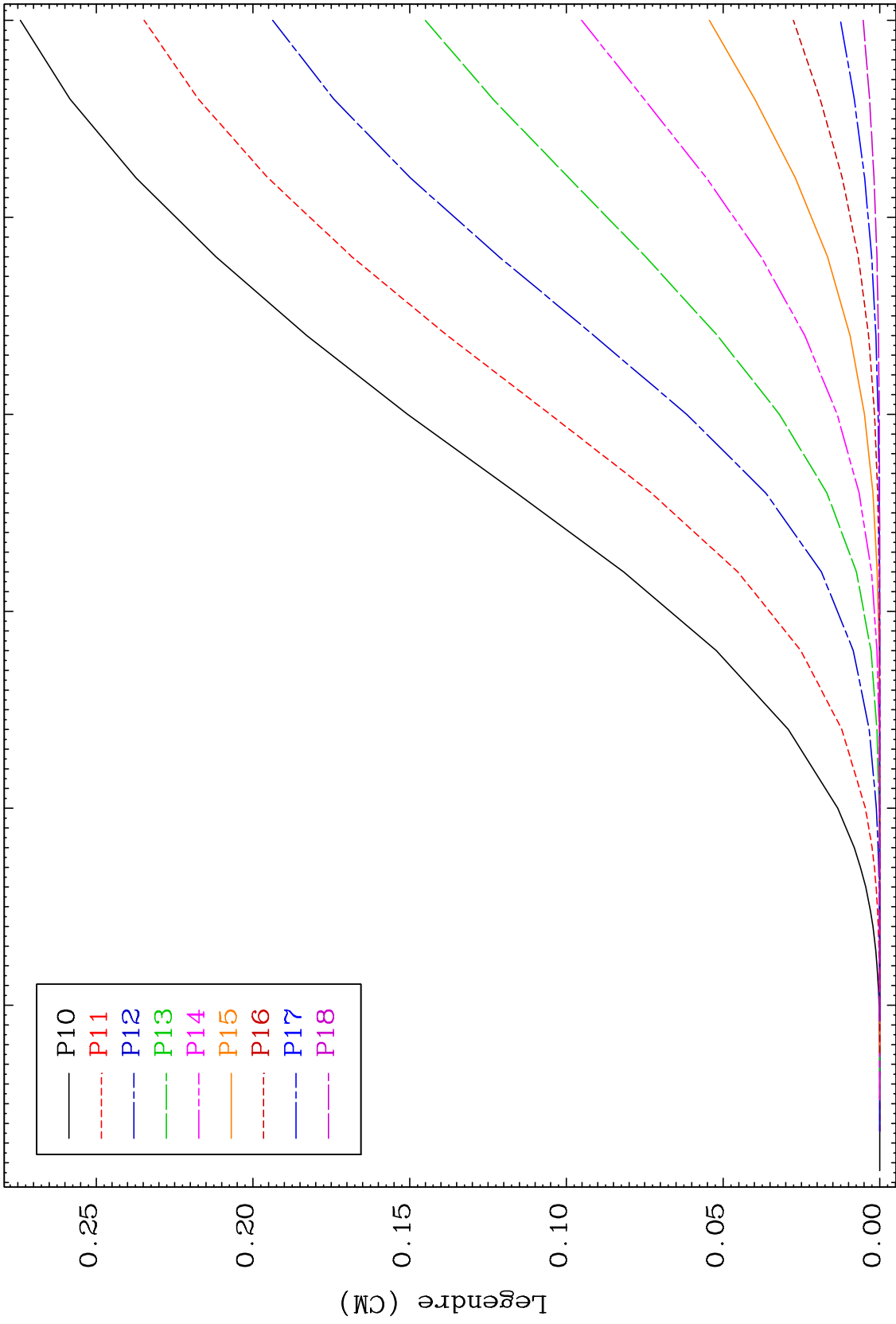
Incident Energy (MeV)

39-Y -90

MAT 3928

Elastic Legendre Coefficients

39-Y -90



17

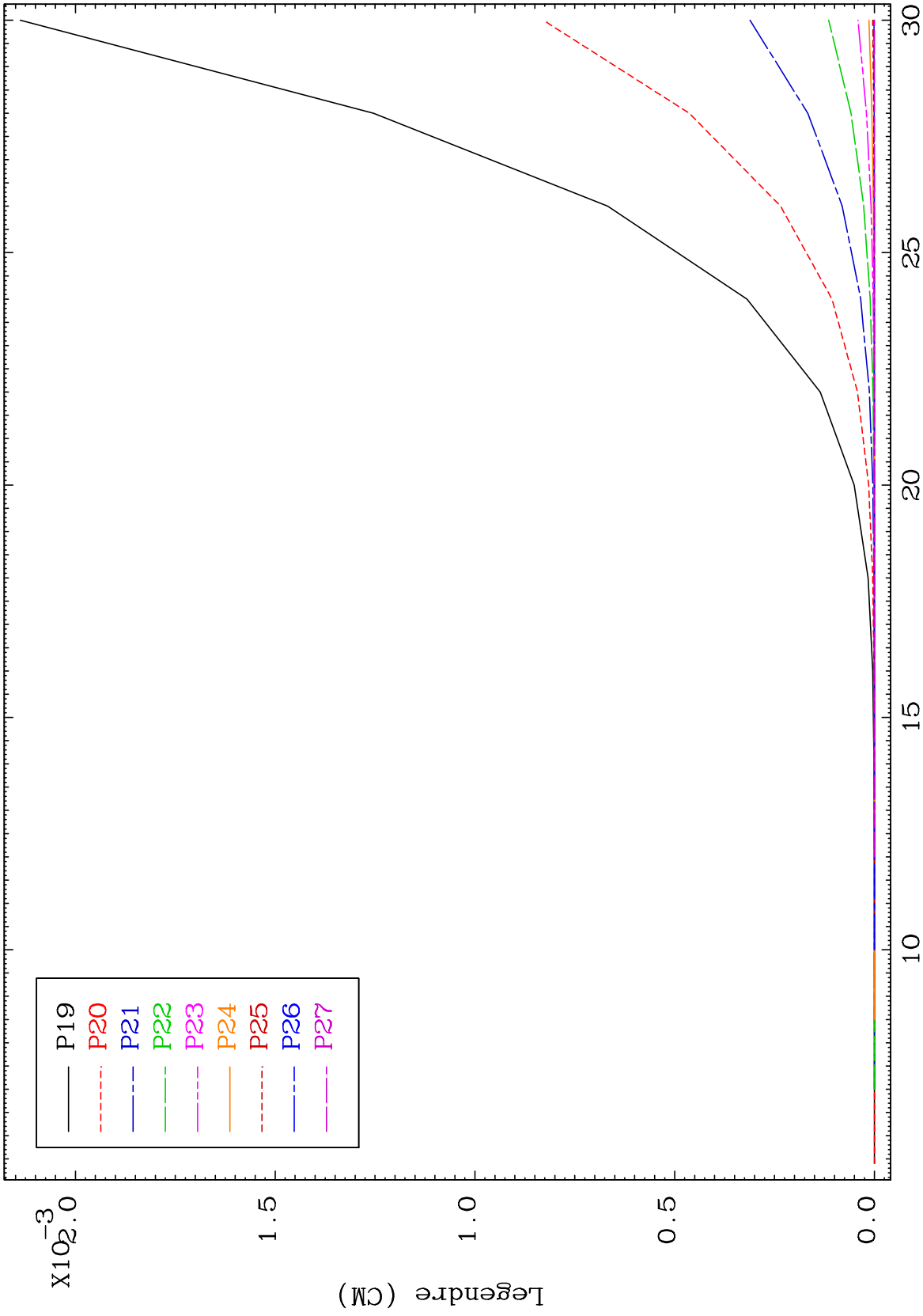
Incident Energy (MeV)

39-Y -90

MAT 3928

Elastic Legendre Coefficients

39-Y -90



18

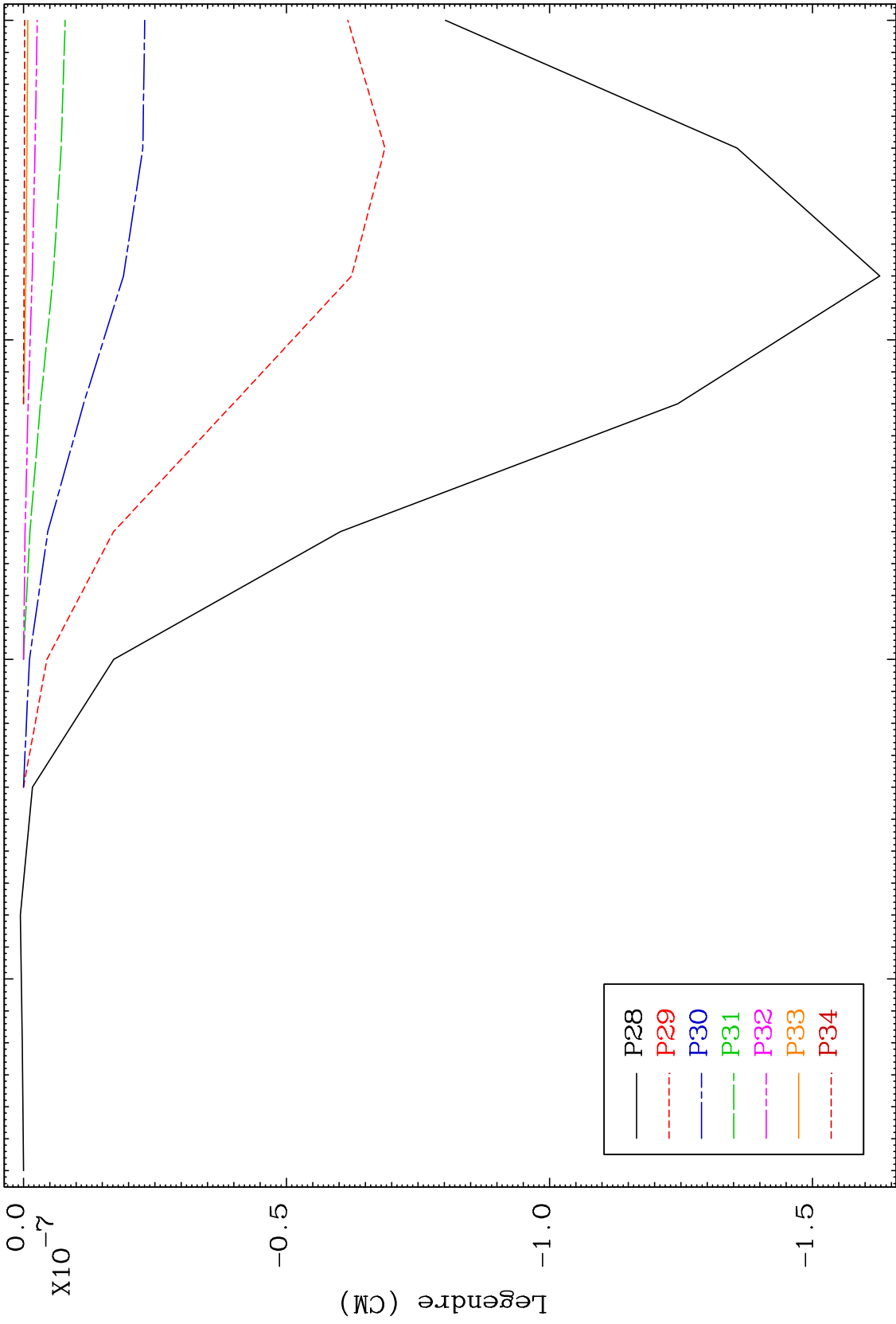
Incident Energy (MeV)

39-Y -90

MAT 3928

Elastic Legendre Coefficients

39-Y -90

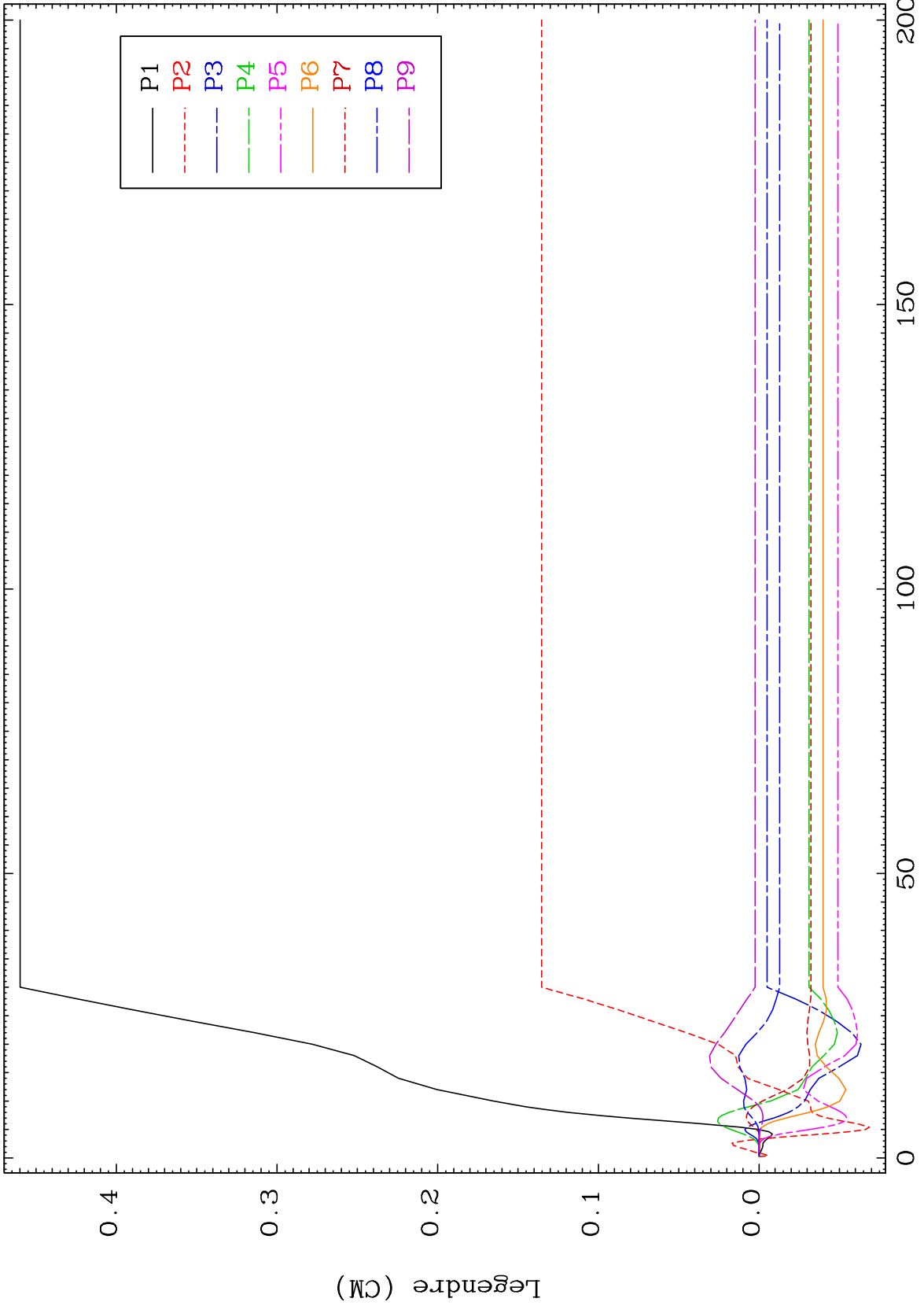


19

Incident Energy (MeV)

39-Y -90

MAT 3928 MT= 51 (n,n') Level Legendre Coefficients 39-Y -90

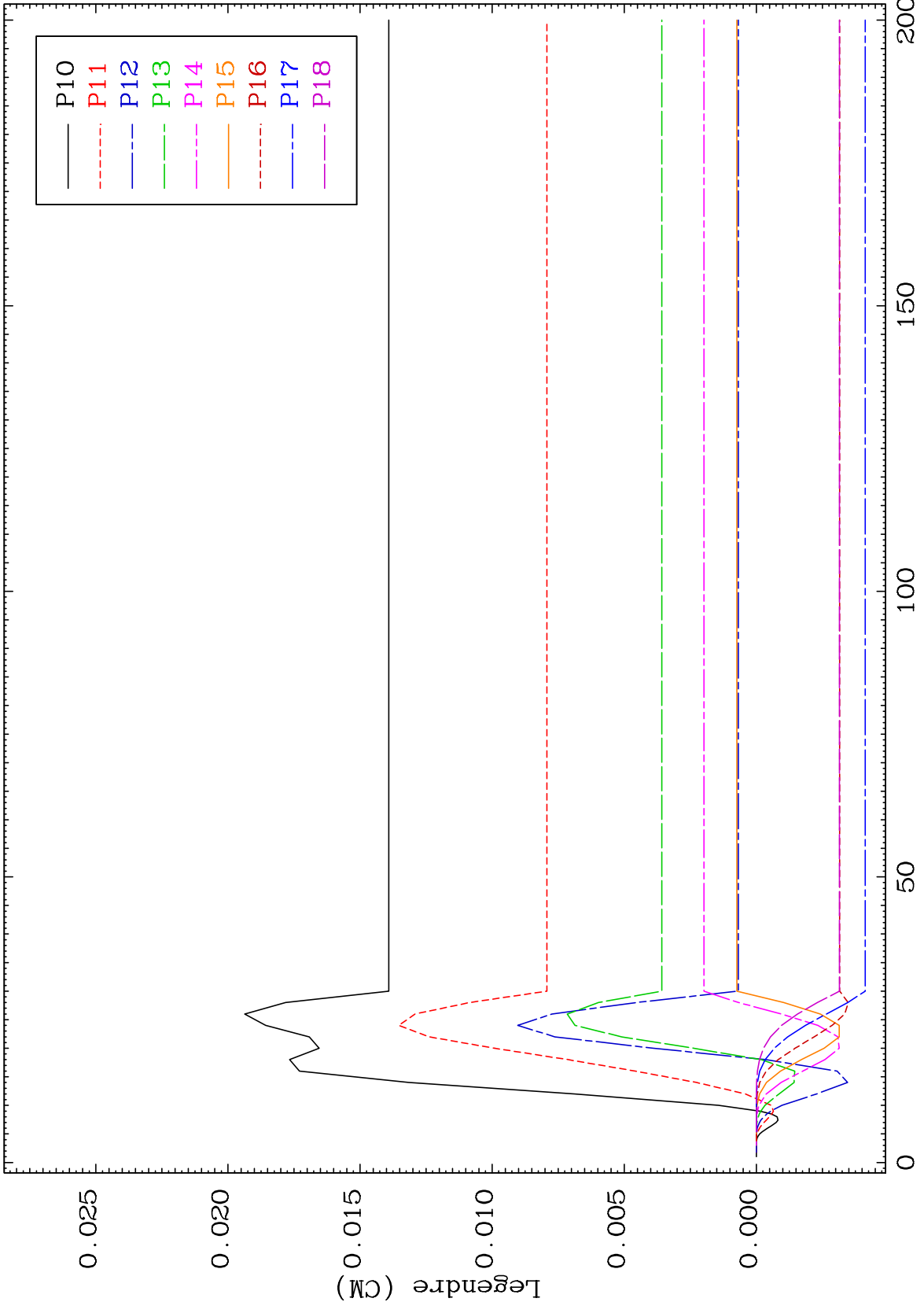


Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90



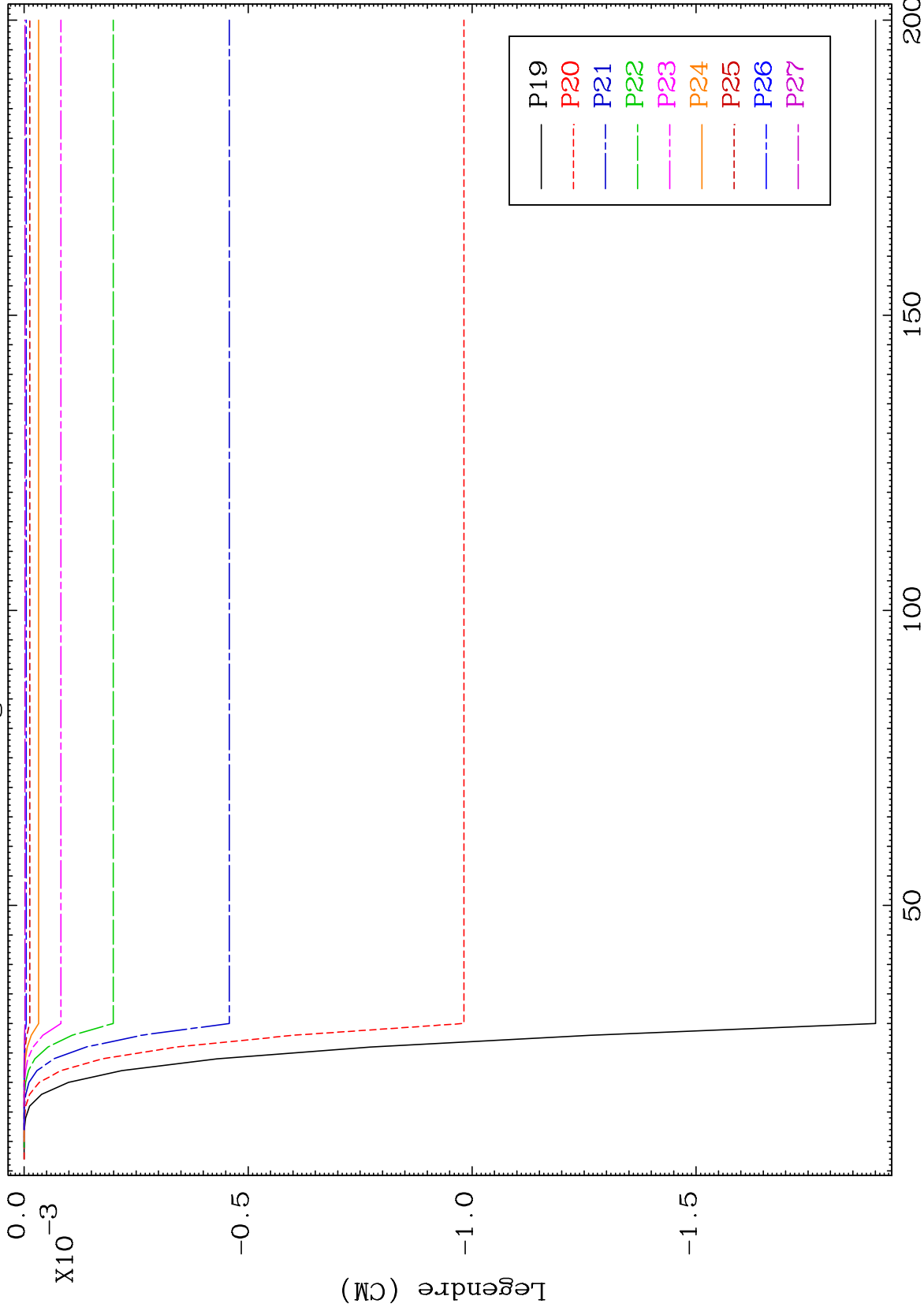
21

Incident Energy (MeV)

39-Y -90

MAT 3928 MT= 51 (n,n') Level 39-Y -90

Legendre Coefficients

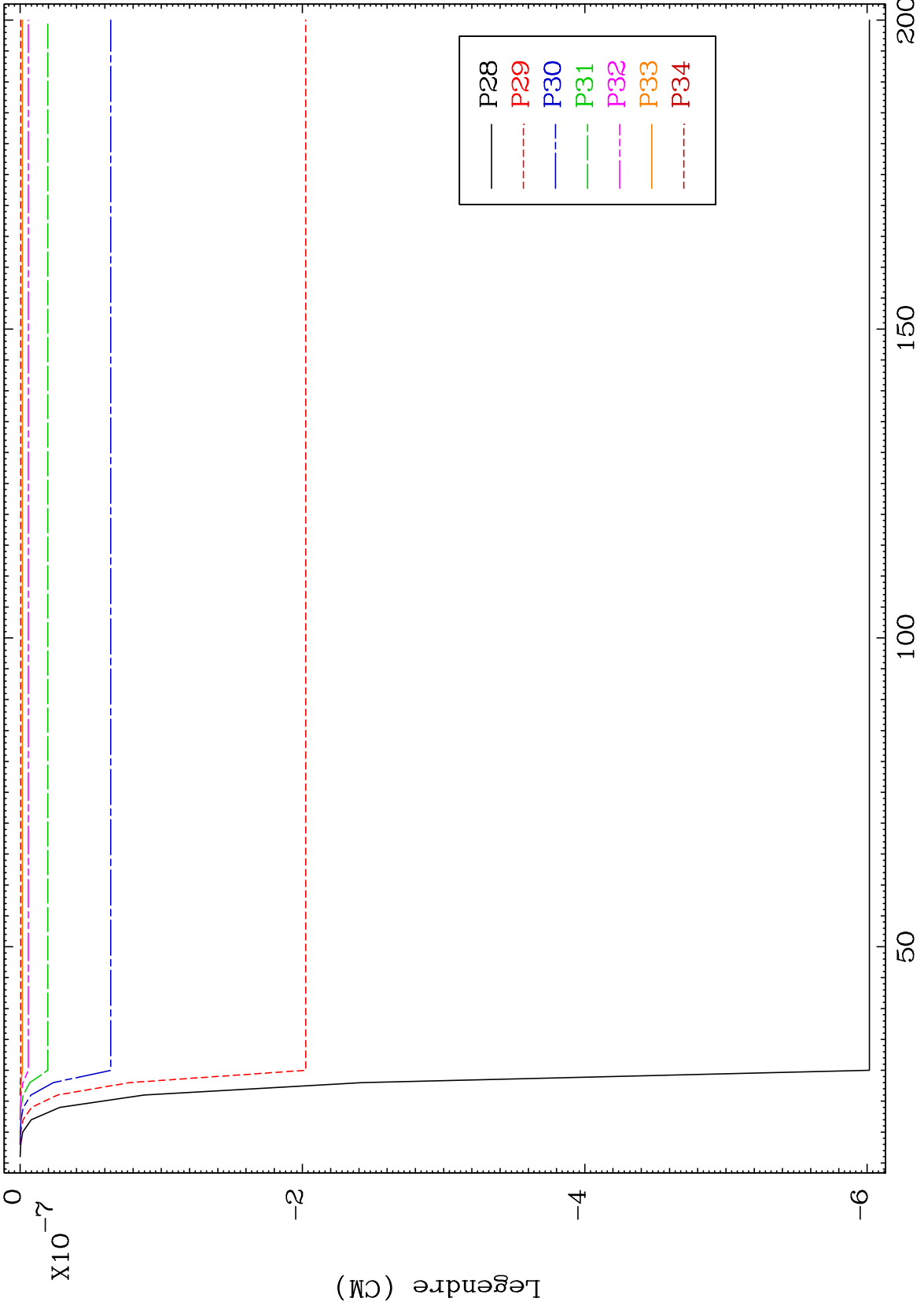


22

Incident Energy (MeV)

39-Y -90

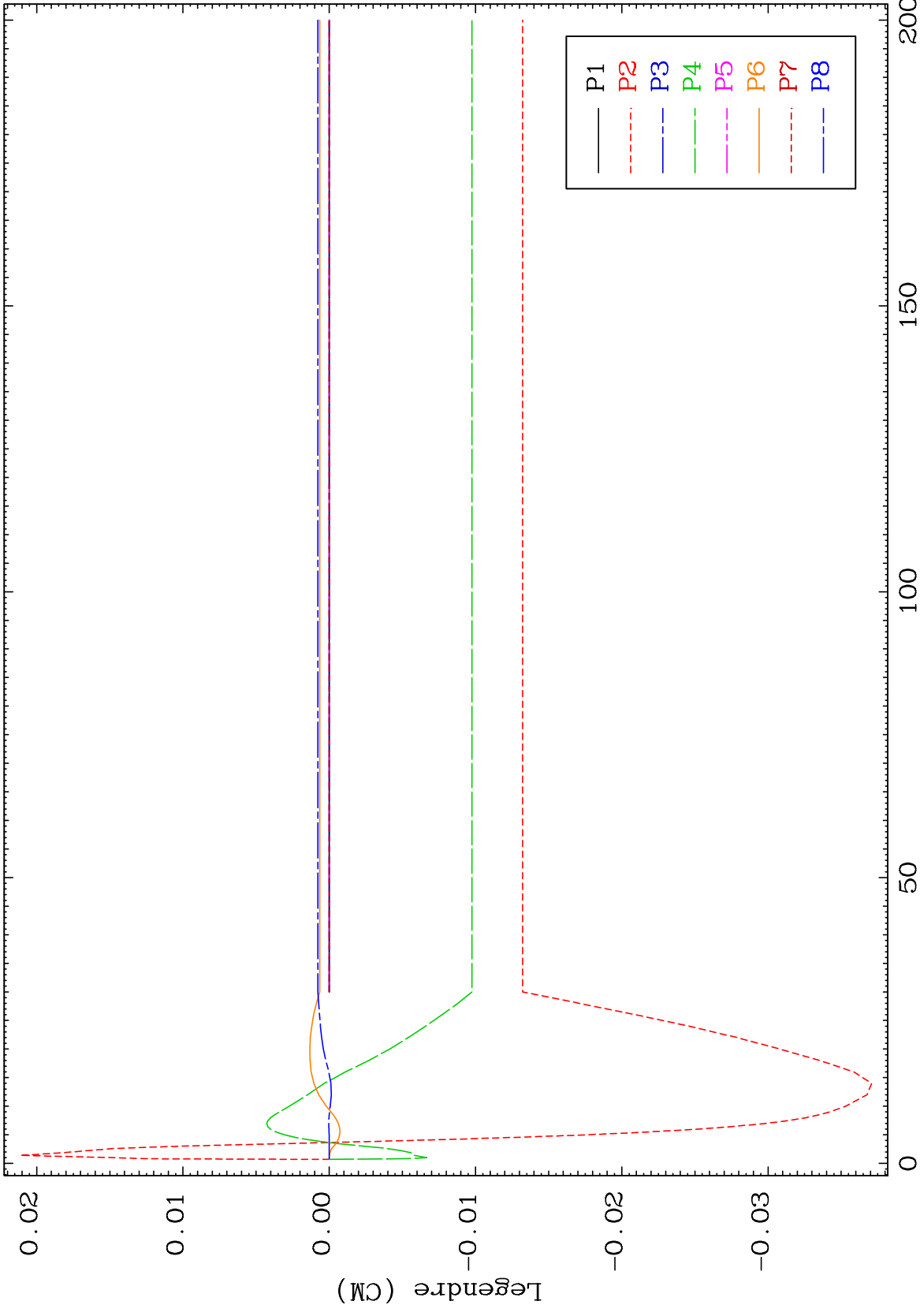
MAT 3928 MT= 51 (n,n') Level Legendre Coefficients 39-Y -90



23 Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 52 (n,n') Level Legendre Coefficients

39-Y -90

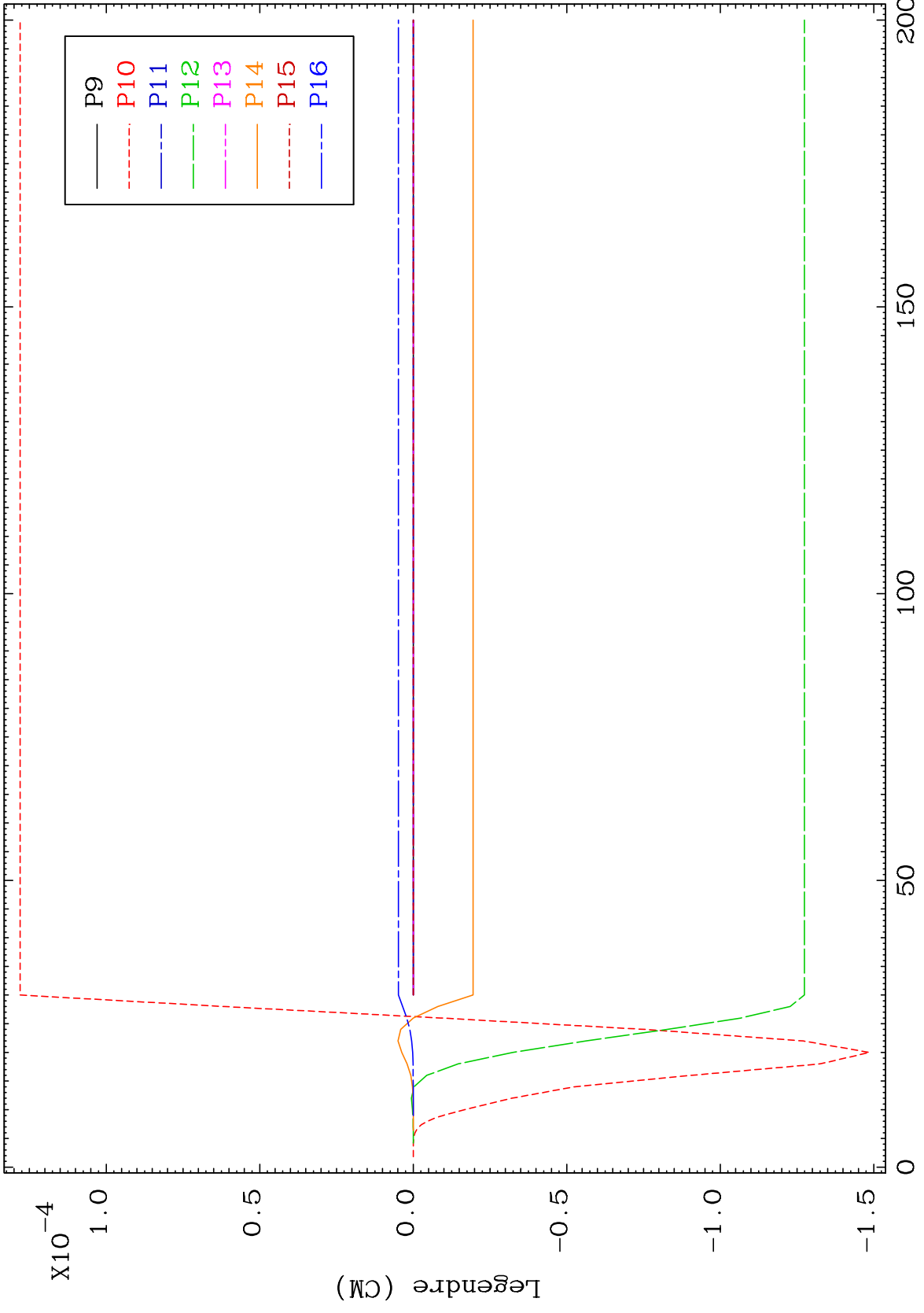


39-Y -90

Incident Energy (MeV)

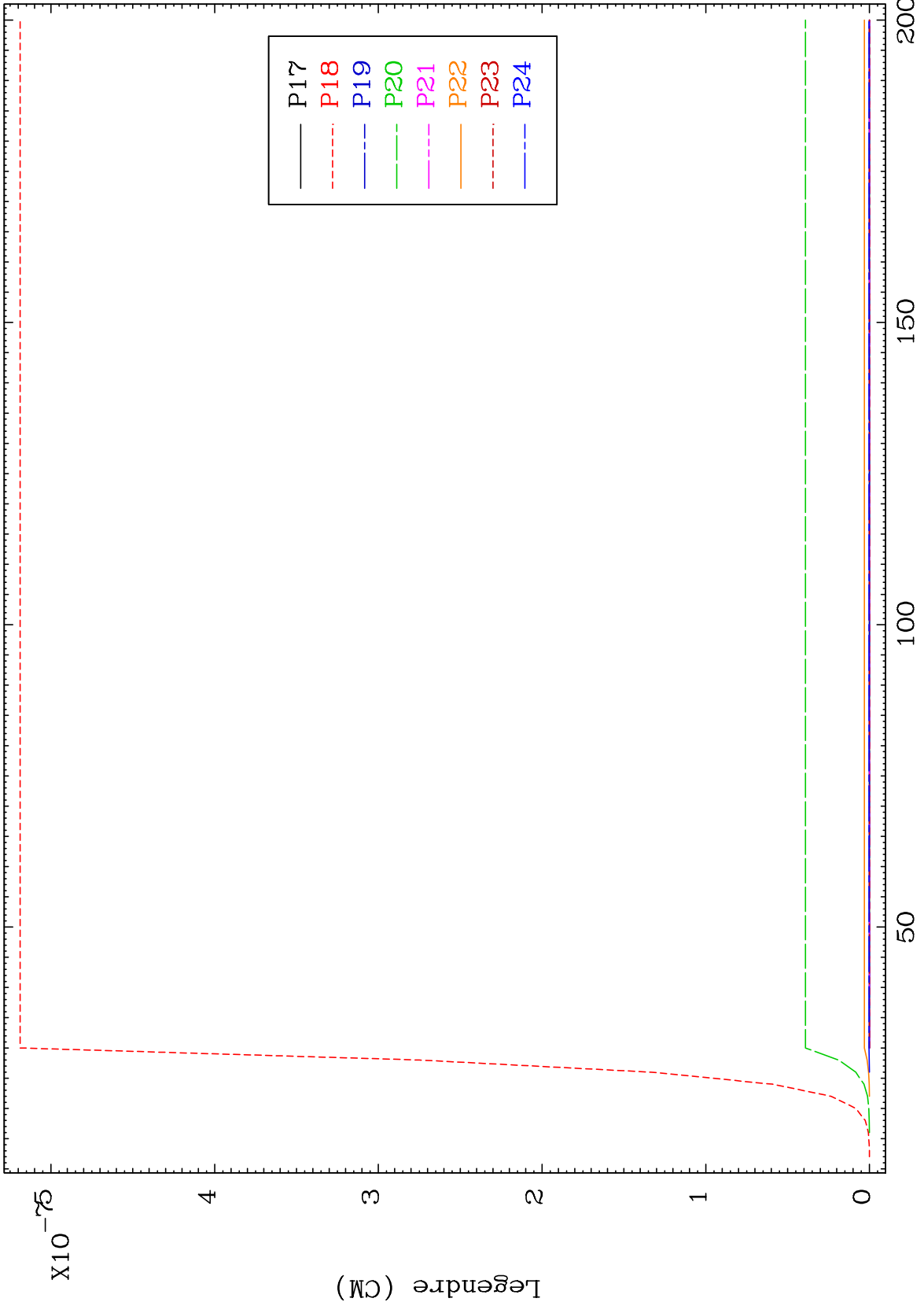
24

MAT 3928 MT= 52 (n,n') Level Legendre Coefficients 39-Y -90



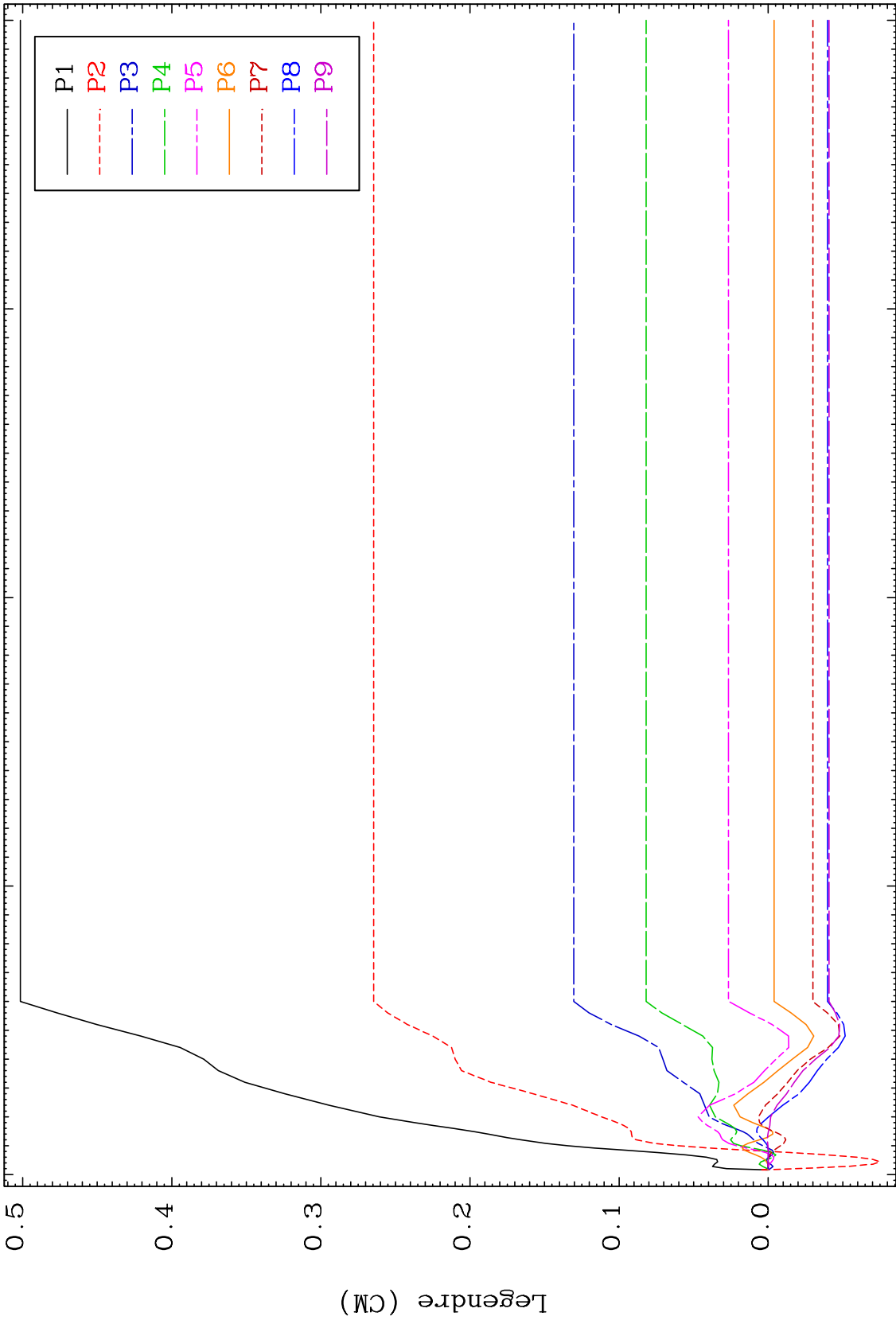
Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 52 (n,n') Level Legendre Coefficients 39-Y -90



26 Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 53 (n,n') Level Legendre Coefficients 39-Y -90

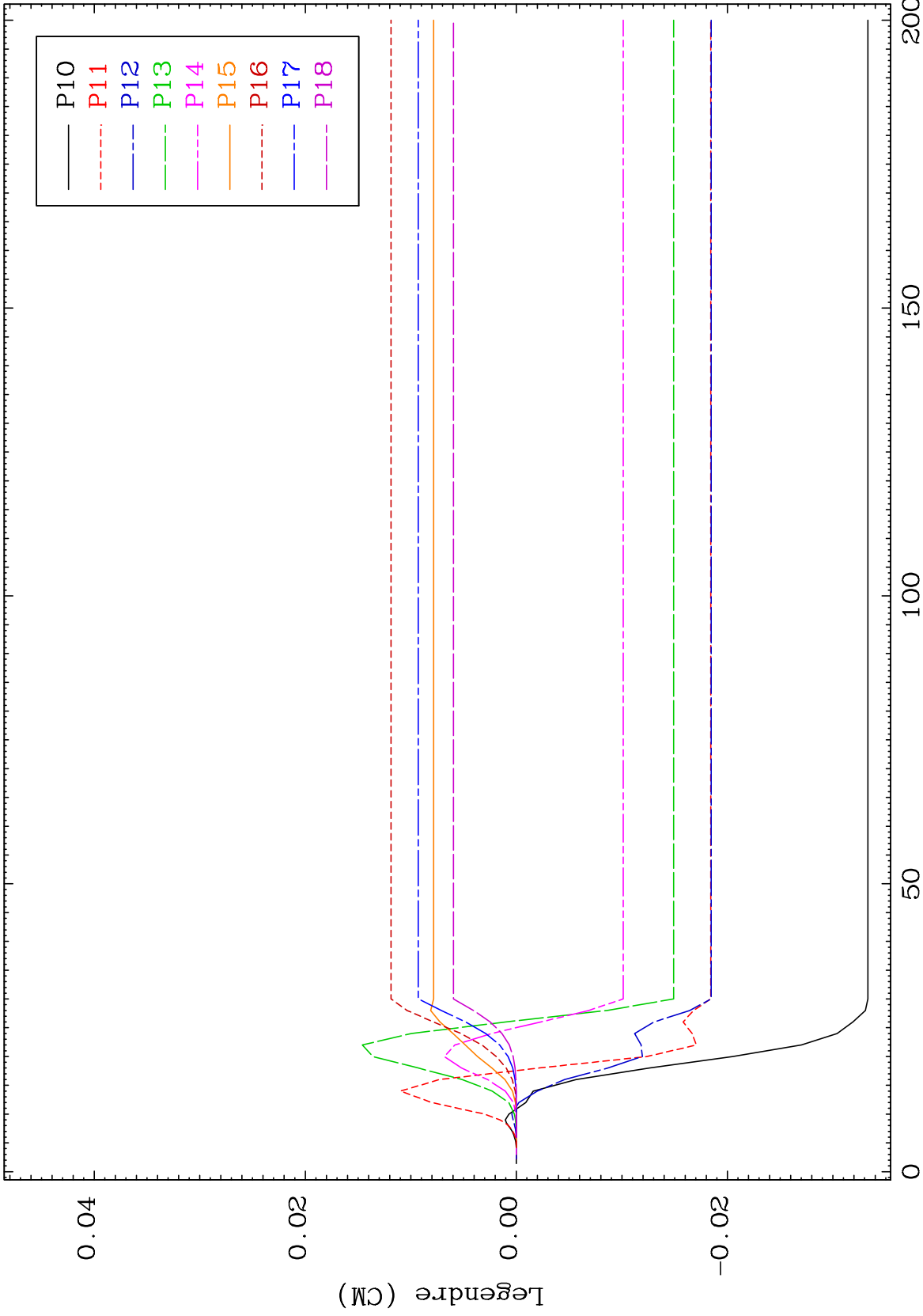


27 Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90



28

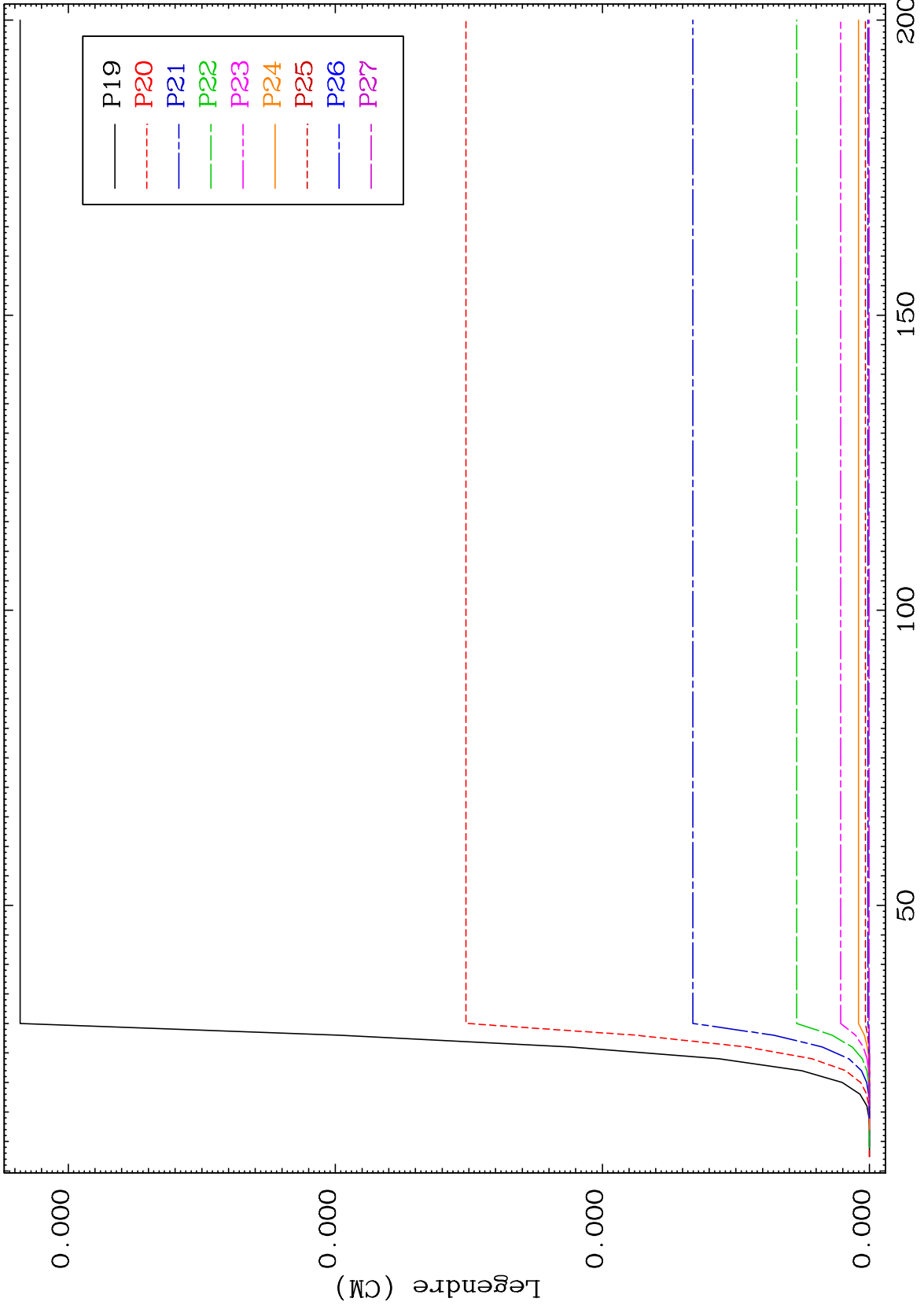
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



29

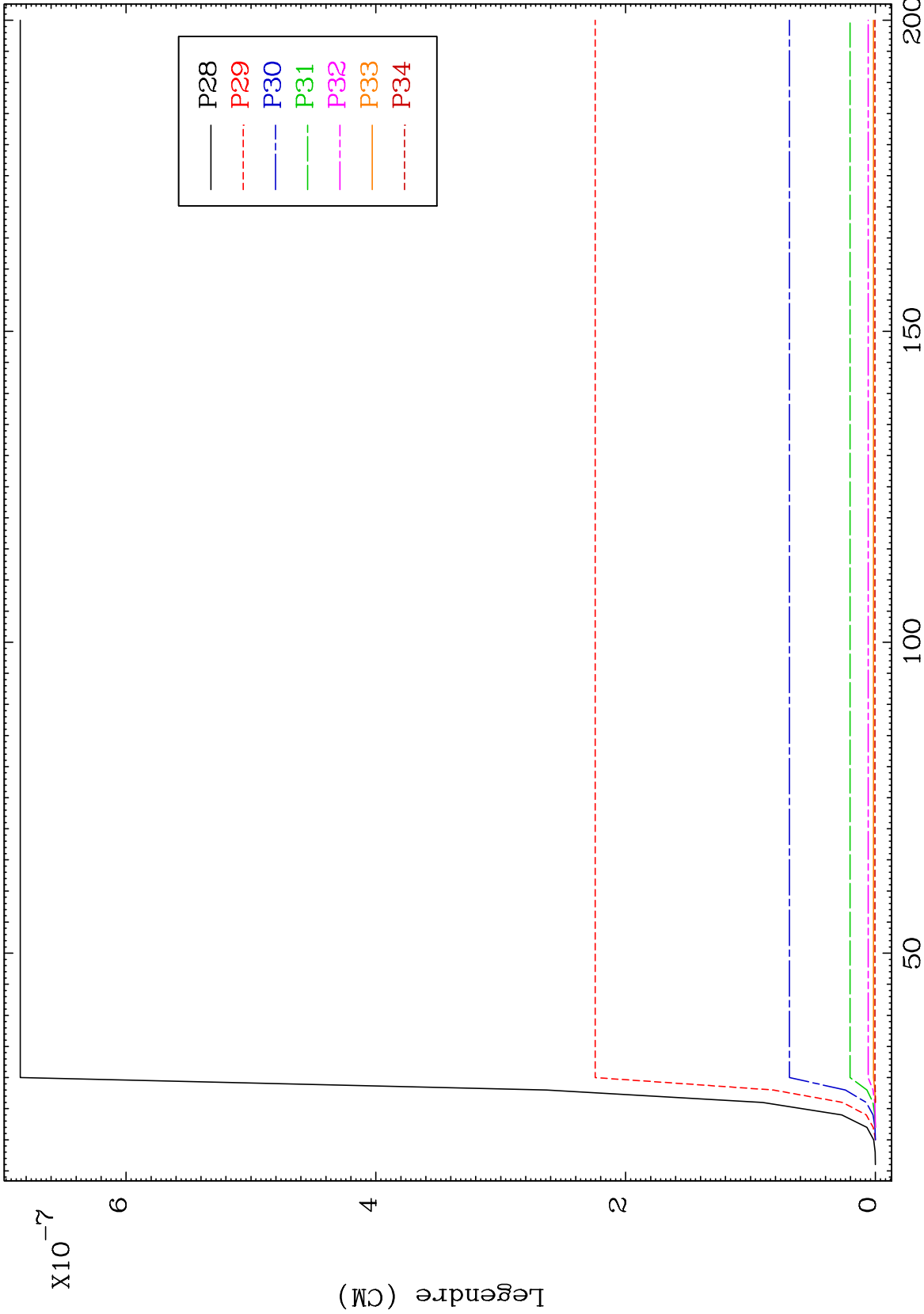
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90

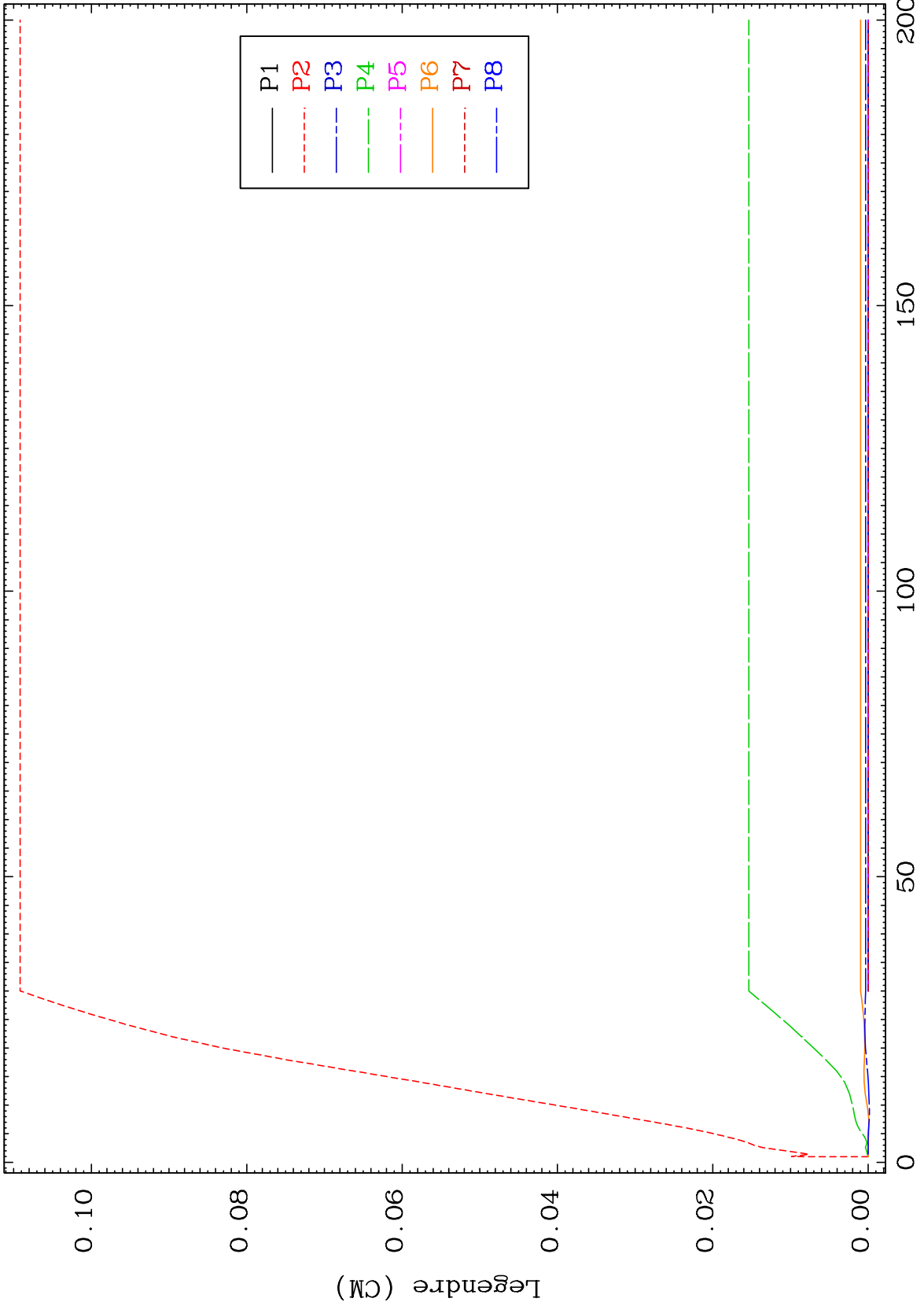


30

Incident Energy (MeV)

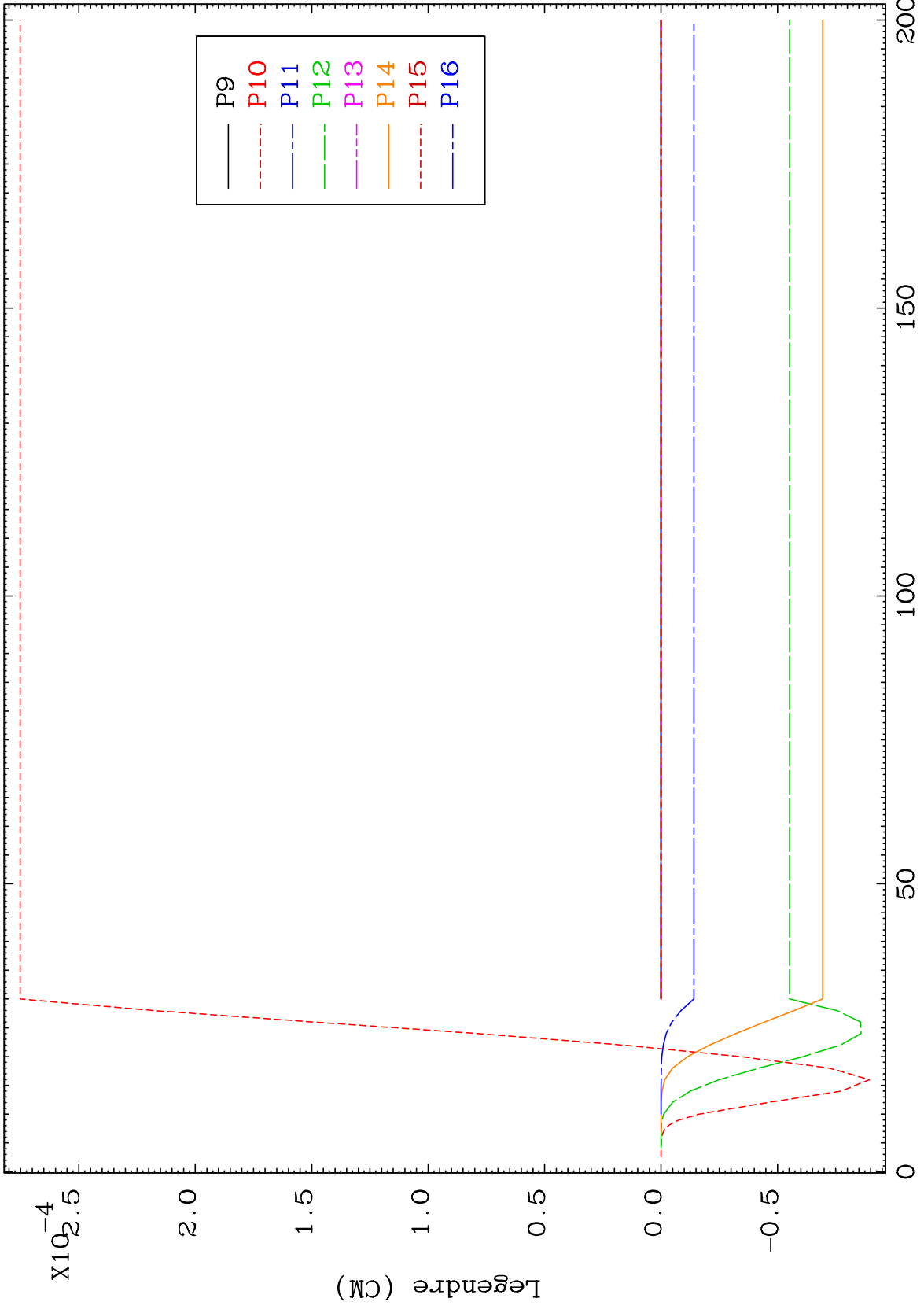
39-Y -90

MAT 3928 MT= 54 (n,n') Level Legendre Coefficients 39-Y -90



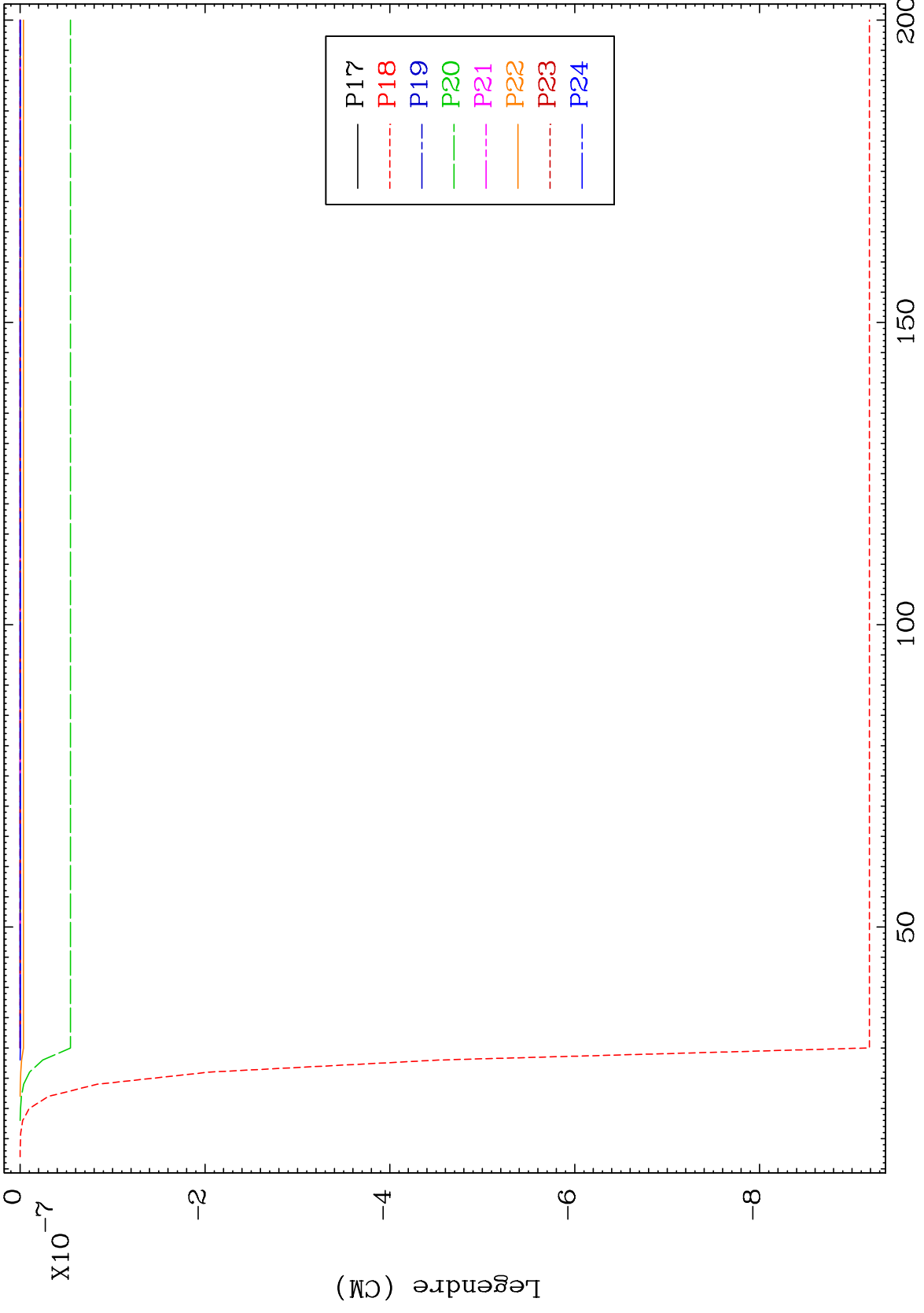
31 39-Y -90

MAT 3928 MT= 54 (n,n') Level Legendre Coefficients 39-Y -90



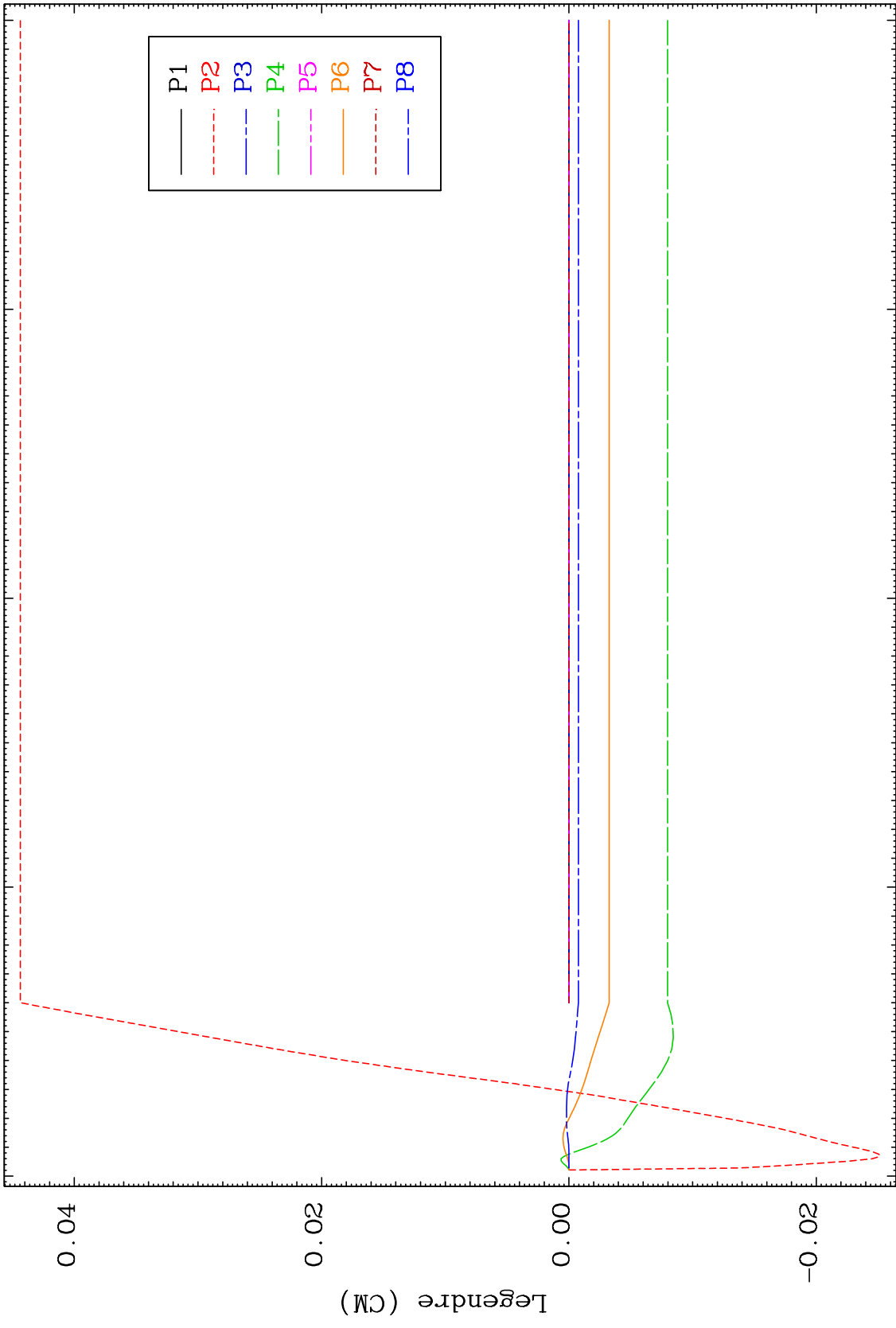
32 Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 54 (n,n') Level Legendre Coefficients 39-Y -90



33 39-Y -90

MAT 3928 MT= 55 (n,n') Level Legendre Coefficients 39-Y -90

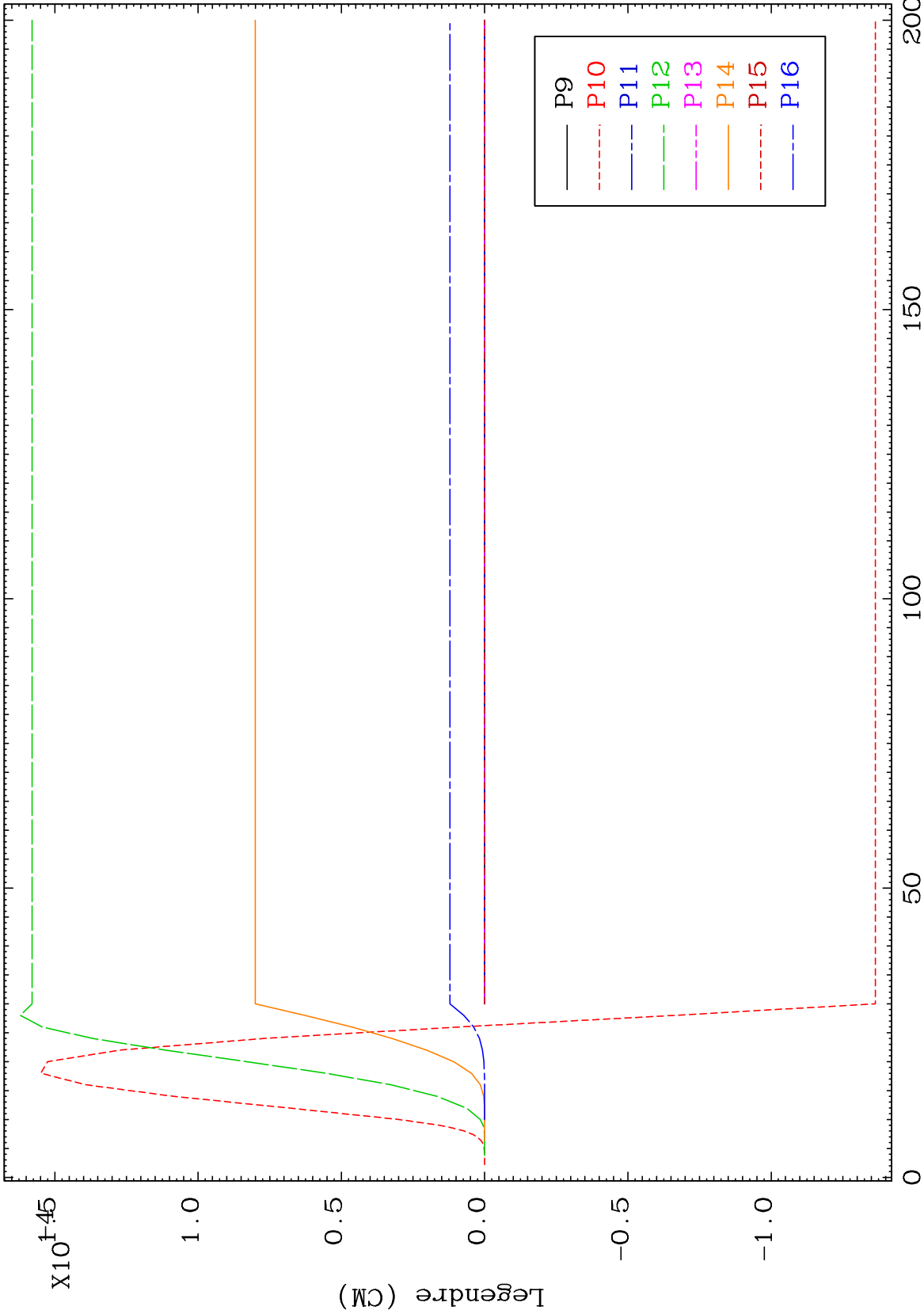


34 Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90



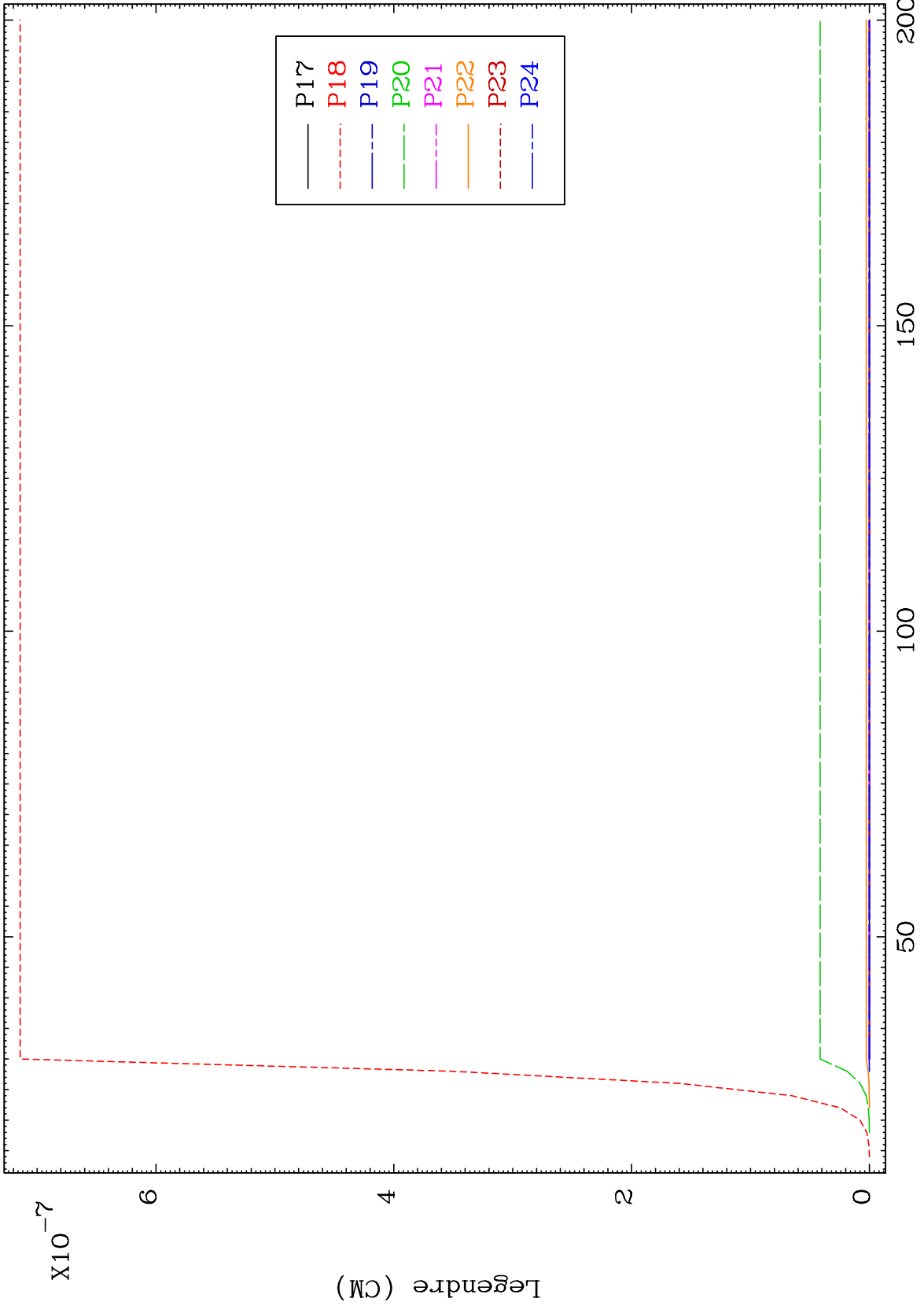
35

Incident Energy (MeV)

39-Y -90

MAT 3928 MT= 55 (n,n') Level Legendre Coefficients

39-Y -90

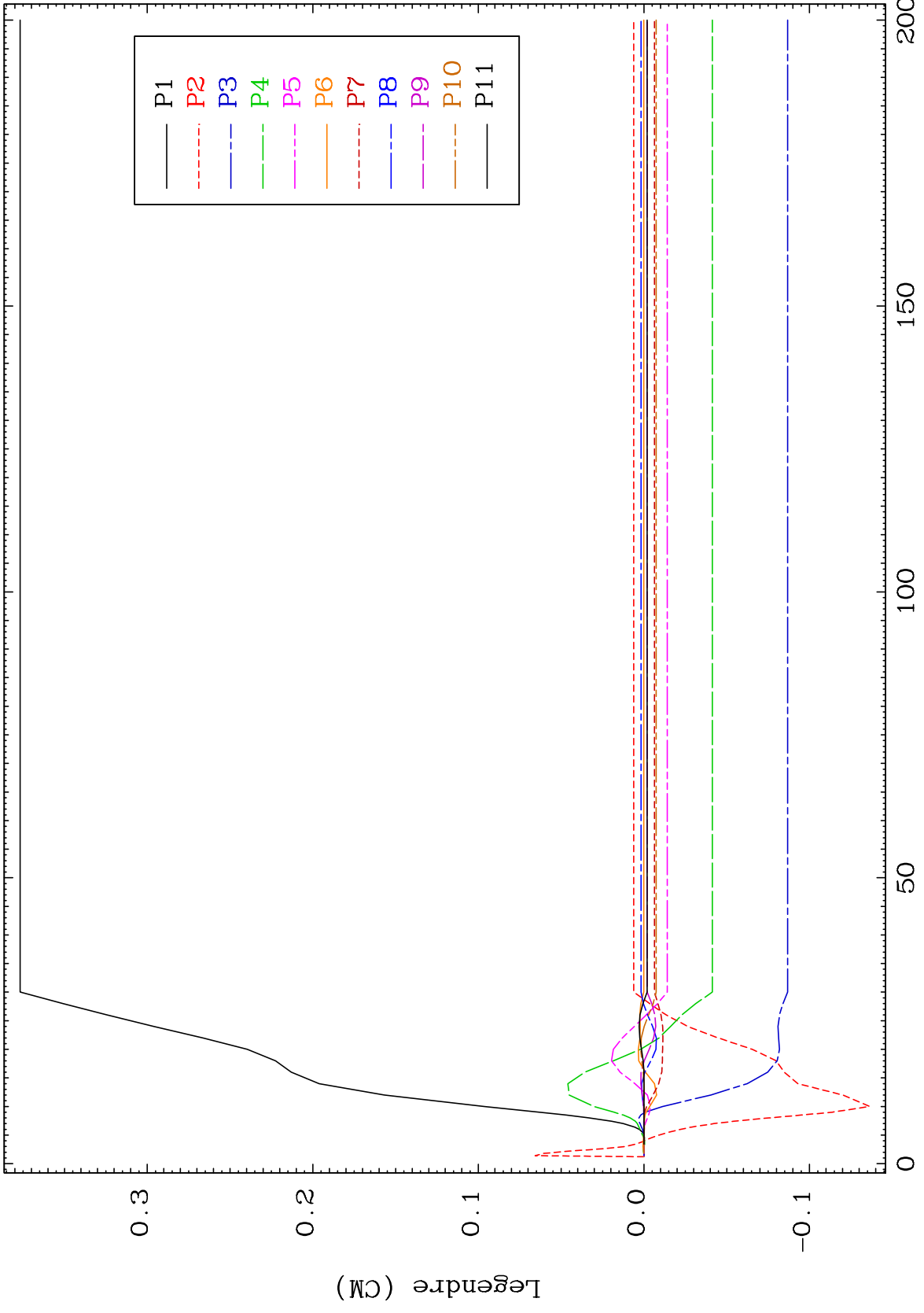


36

Incident Energy (MeV)

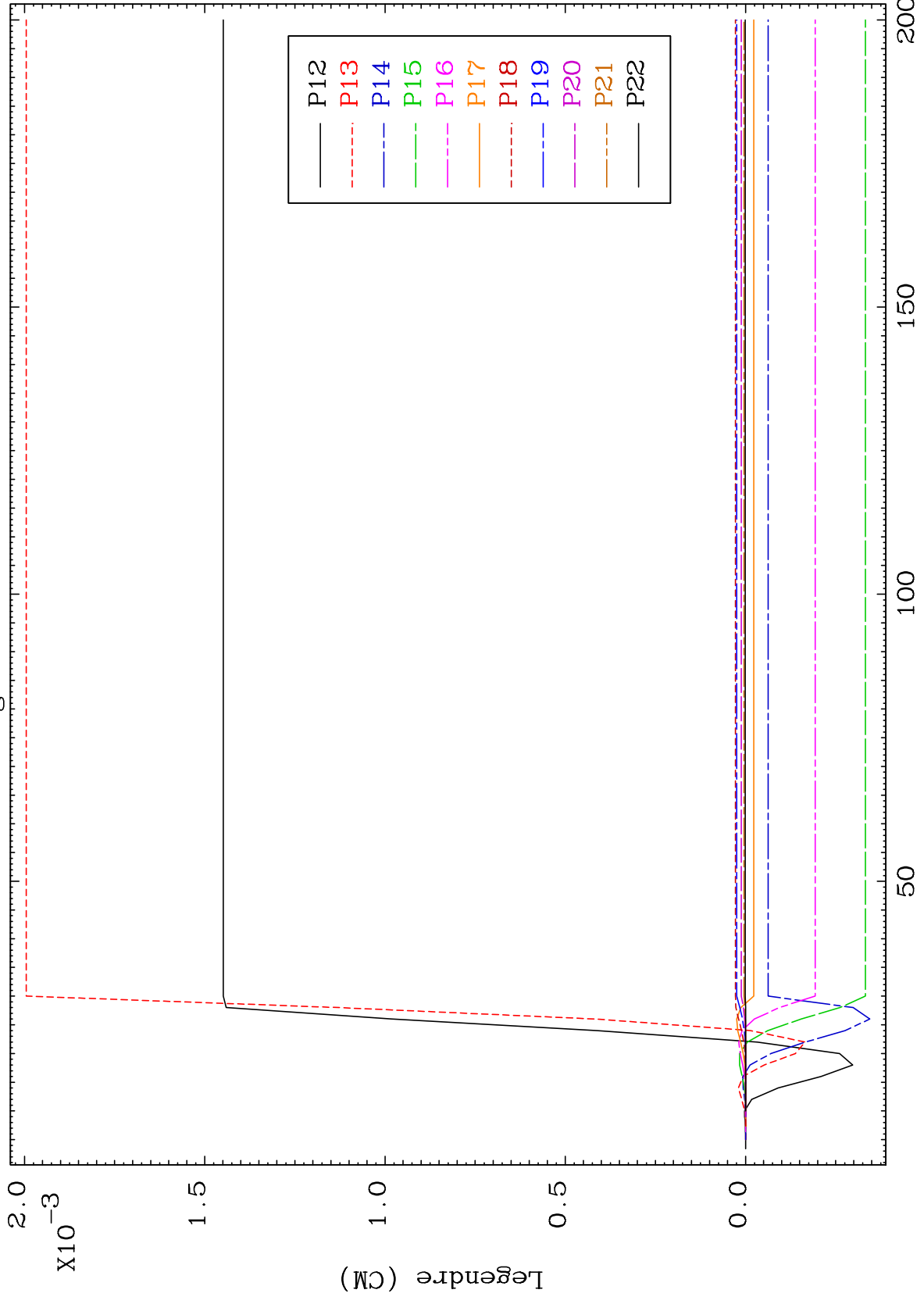
39-Y -90

MAT 3928 MT= 56 (n,n') Level Legendre Coefficients 39-Y -90



37 Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 56 (n,n') Level Legendre Coefficients 39-Y -90

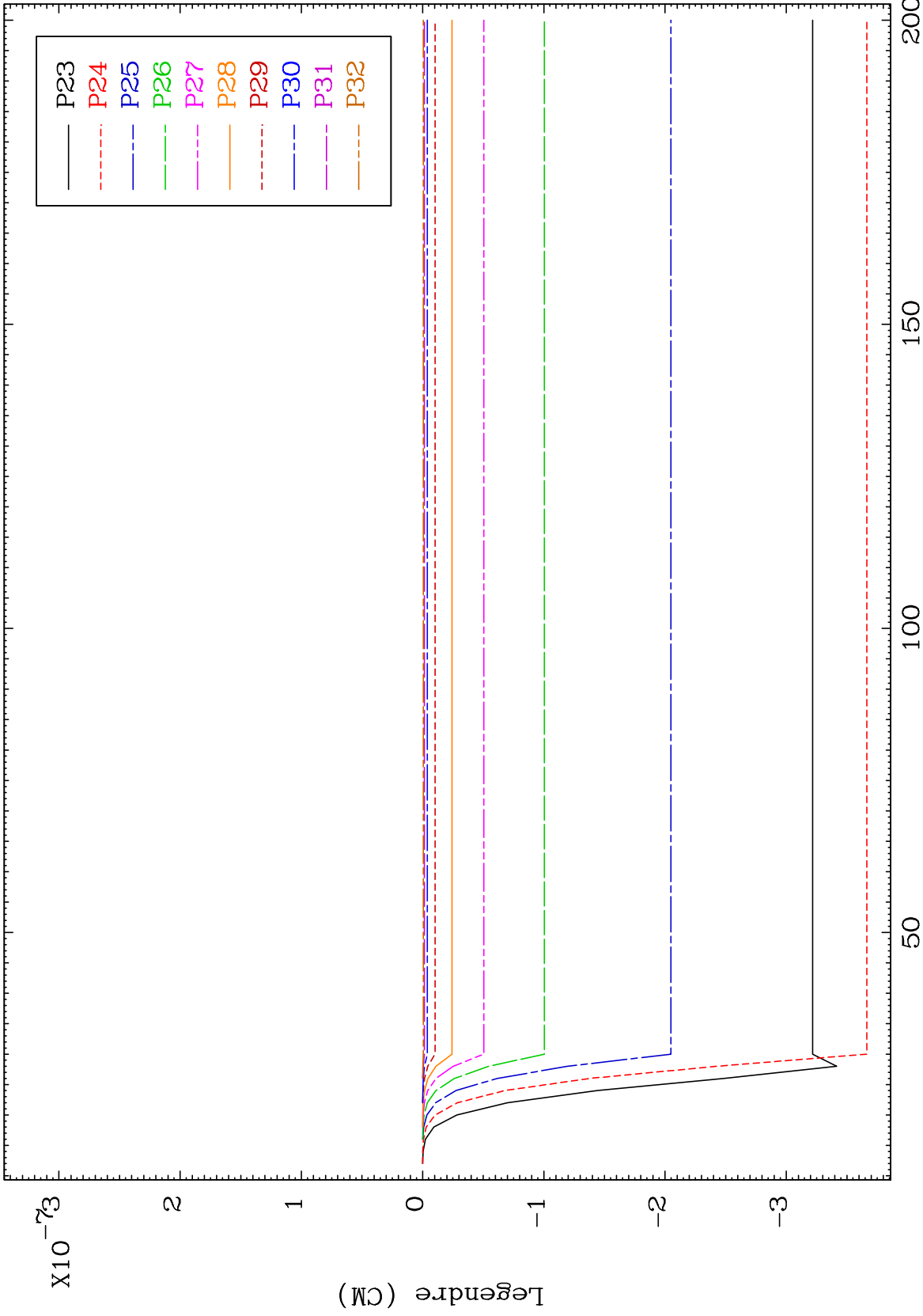


38 Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90

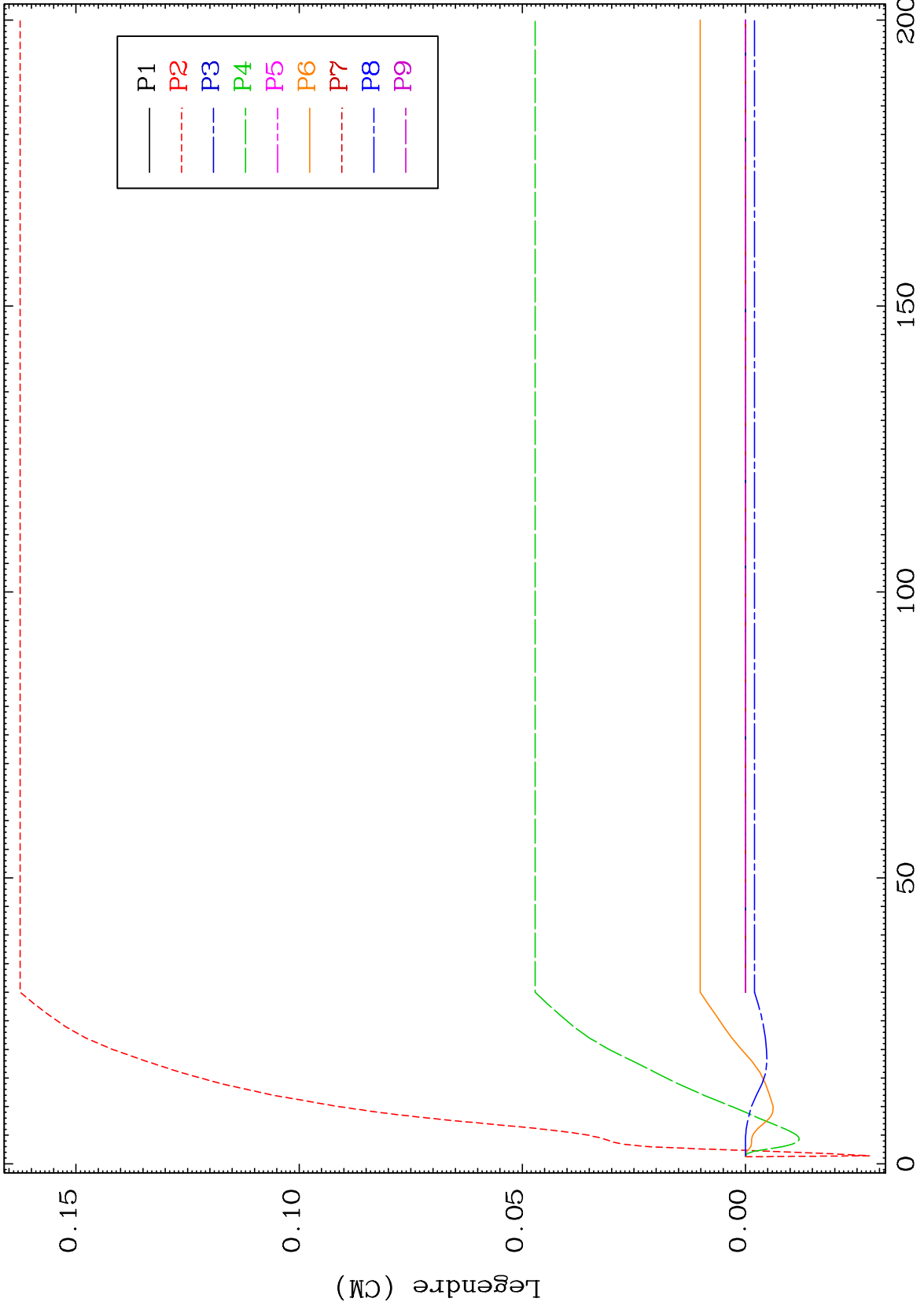


39

Incident Energy (MeV)

39-Y -90

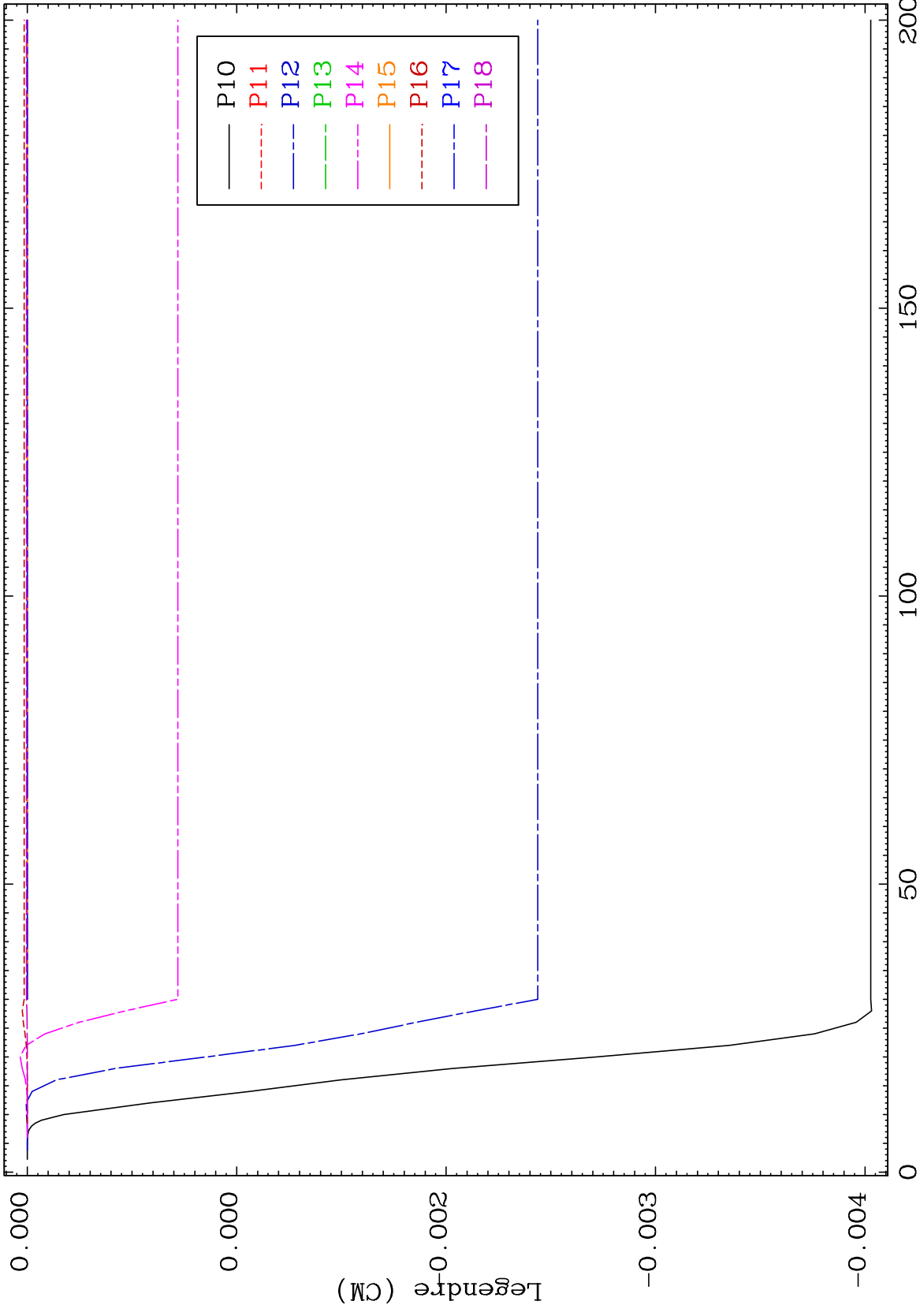
MAT 3928 MT= 57 (n,n') Level Legendre Coefficients 39-Y -90



Incident Energy (MeV) 39-Y -90

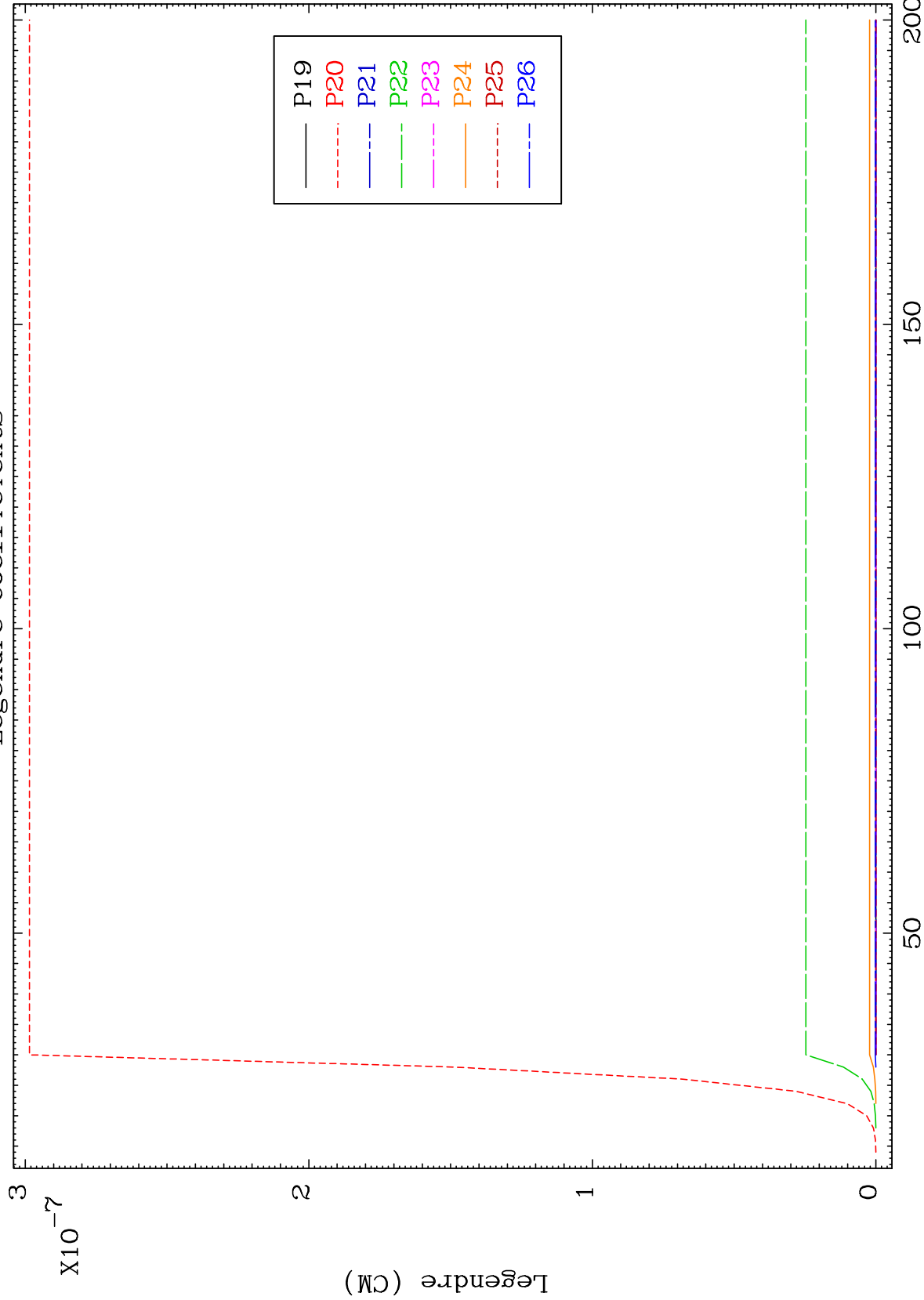
MAT 3928 MT= 57 (n,n') Level Legendre Coefficients

39-Y -90



MAT 3928 MT= 57 (n,n') Level Legendre Coefficients

39-Y -90

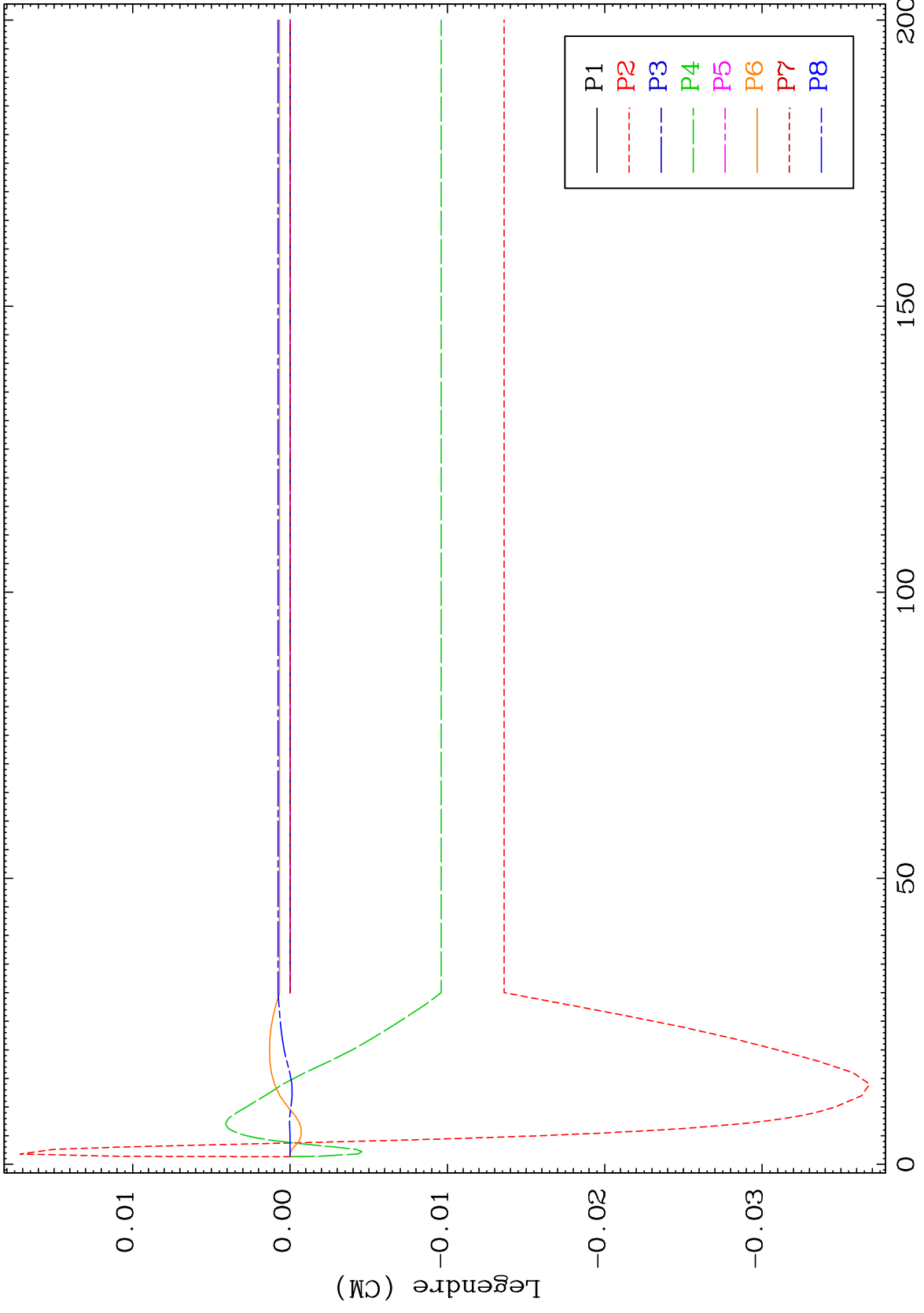


39-Y -90

Incident Energy (MeV)

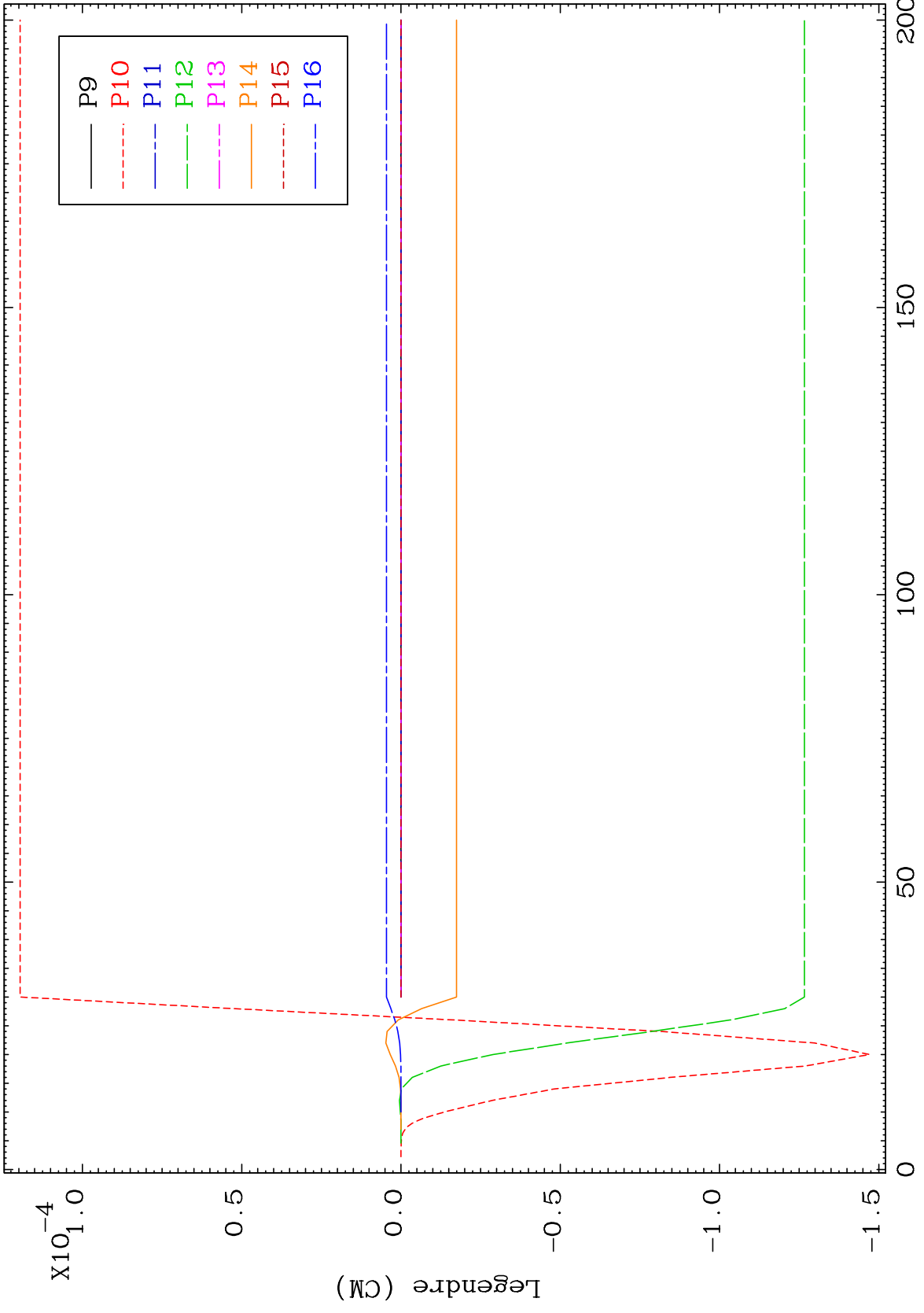
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MAT 3928 MT= 58 (n,n') Level Legendre Coefficients 39-Y -90



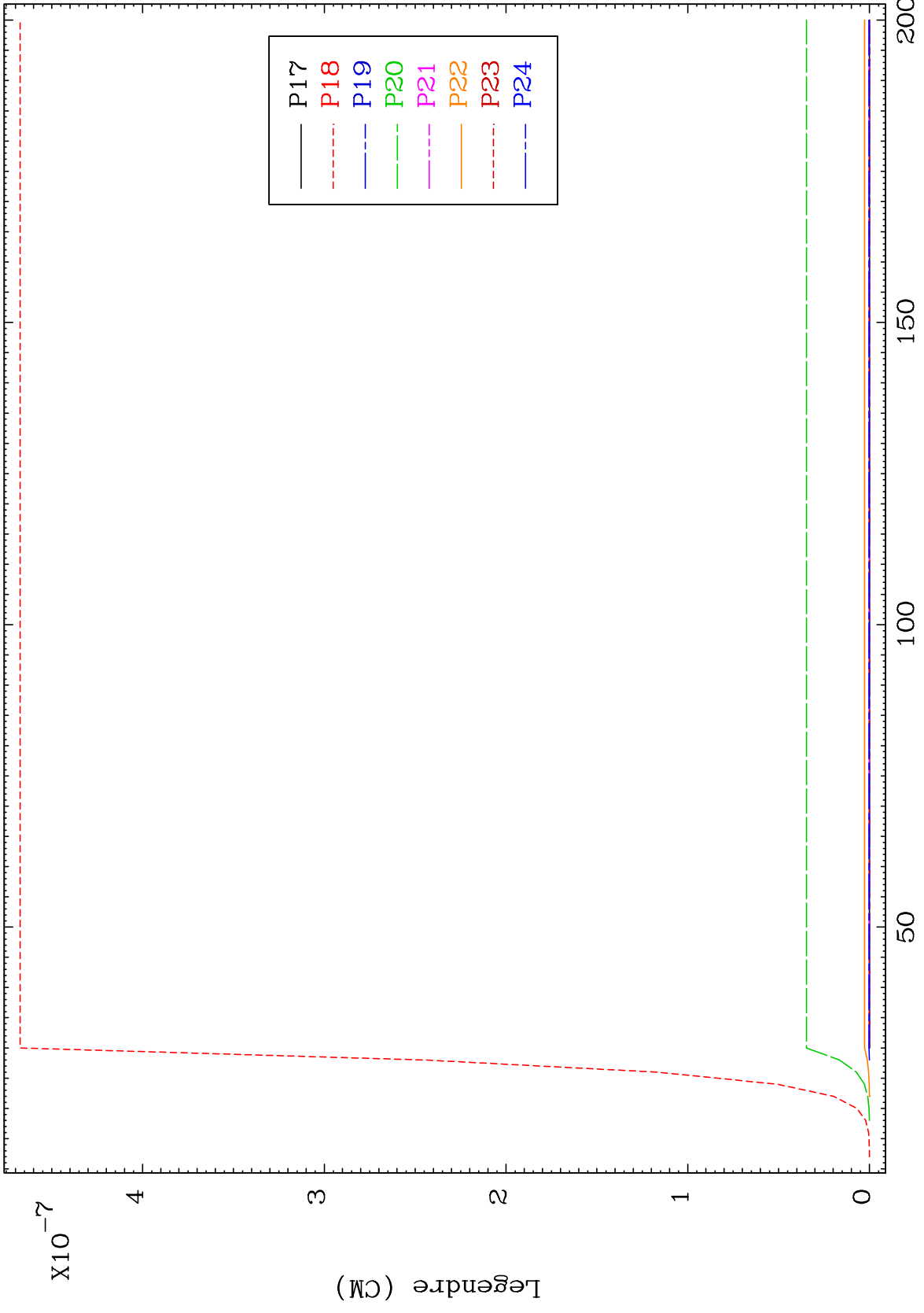
43 39-Y -90

MAT 3928 MT= 58 (n,n') Level Legendre Coefficients 39-Y -90



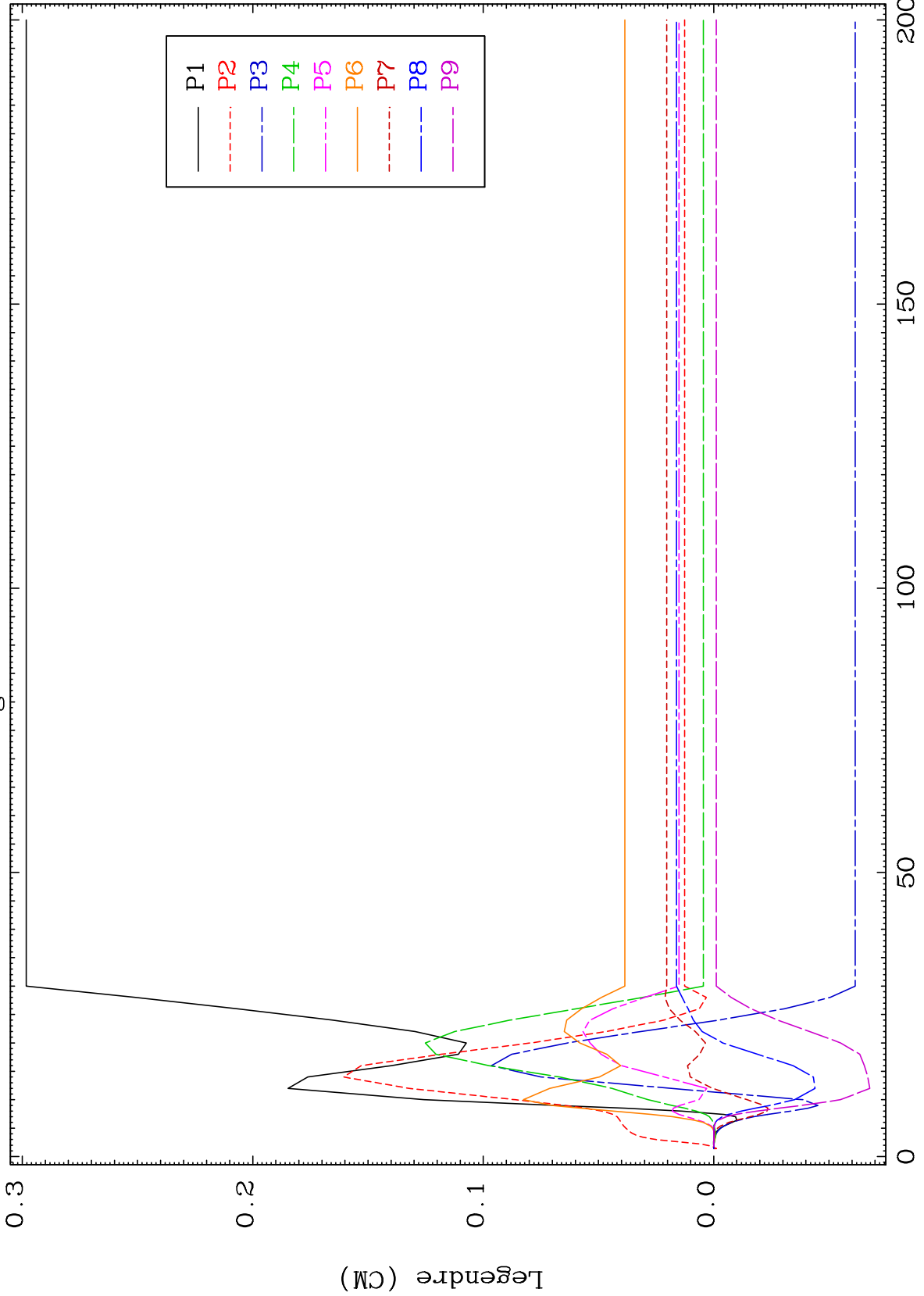
44 39-Y -90

MAT 3928 MT= 58 (n,n') Level Legendre Coefficients 39-Y -90



Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 59 (n,n') Level Legendre Coefficients 39-Y -90

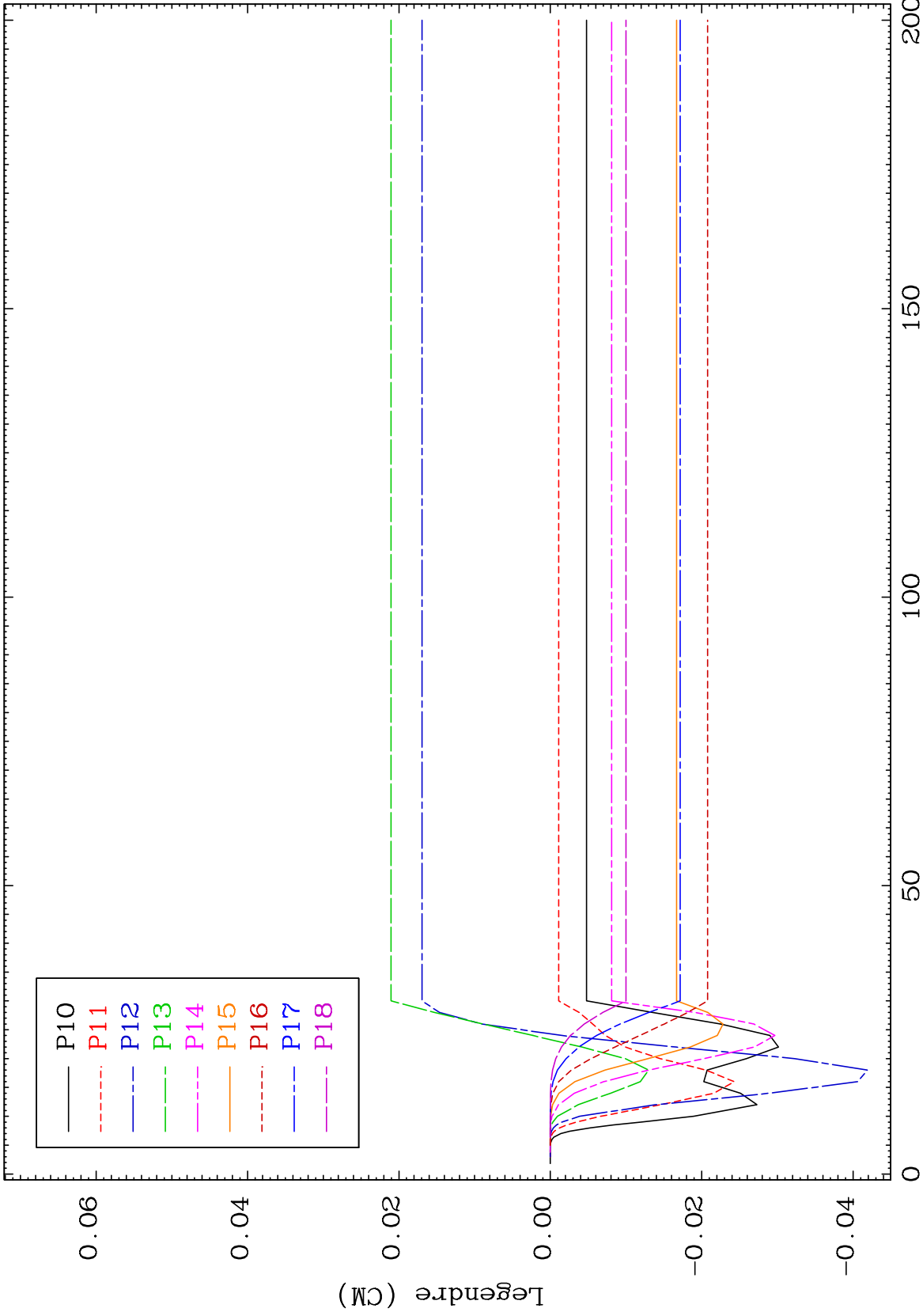


46 Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90

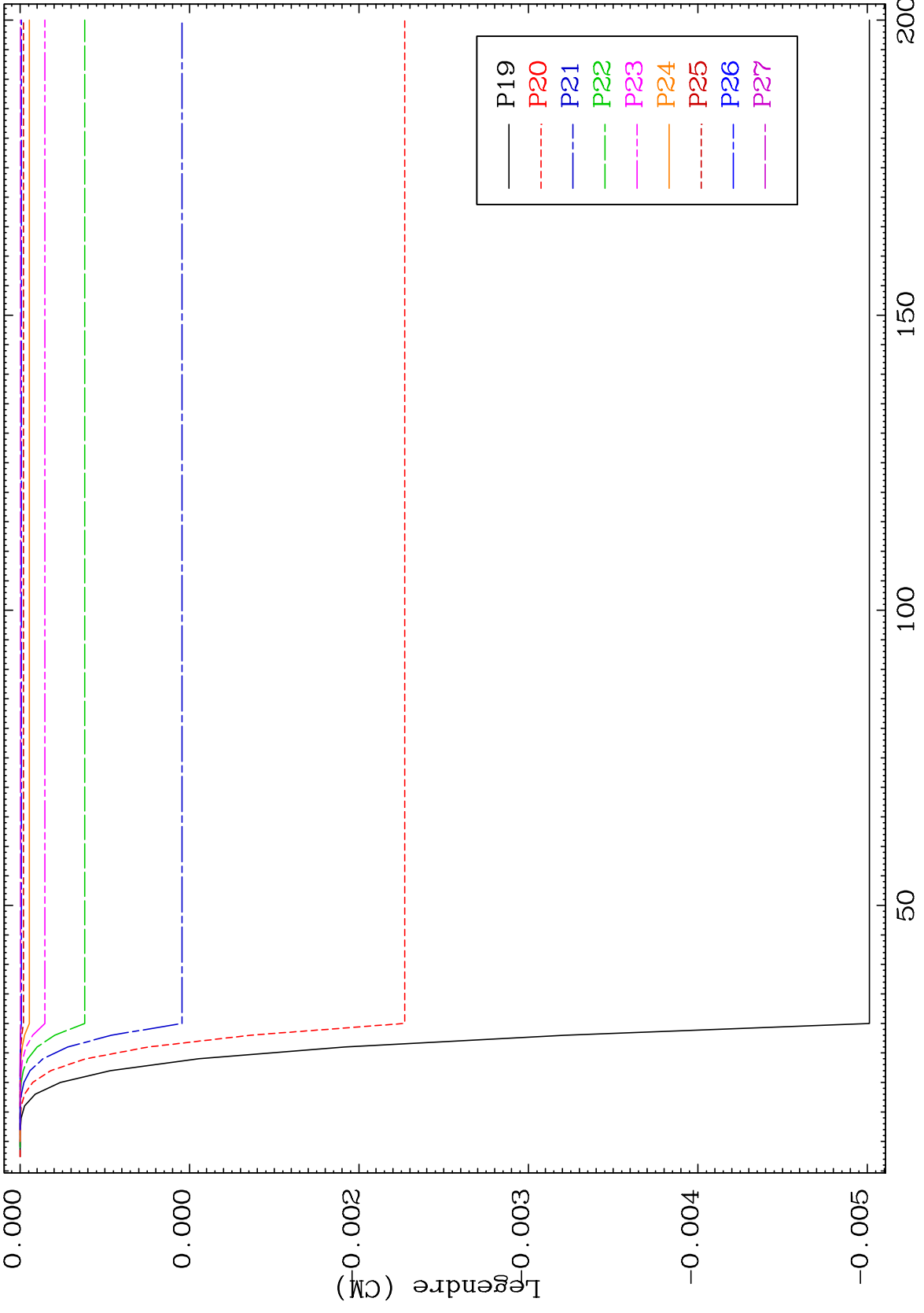


47

Incident Energy (MeV)

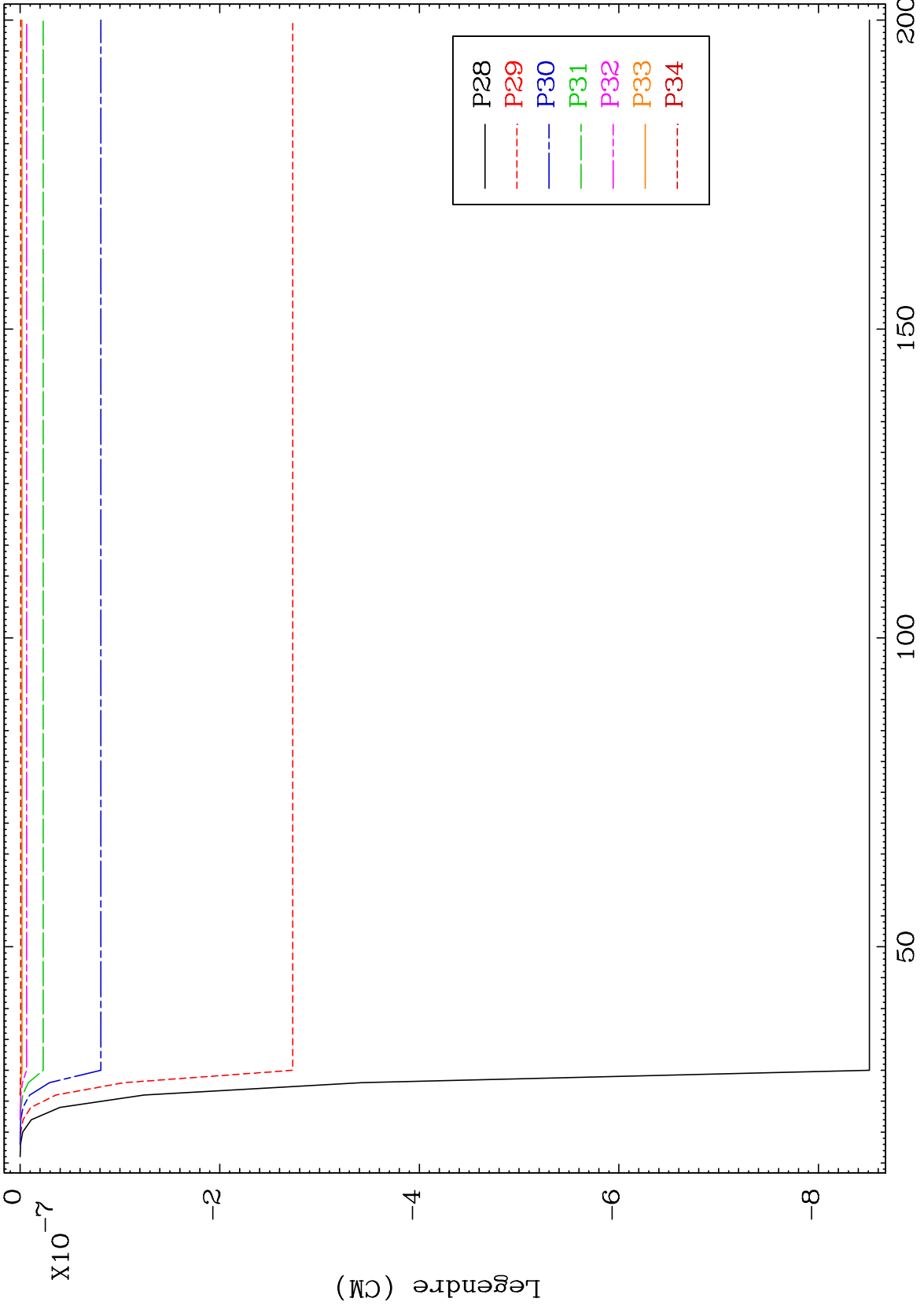
39-Y -90

MAT 3928 MT= 59 (n,n') Level Legendre Coefficients 39-Y -90



48 Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 59 (n,n') Level Legendre Coefficients 39-Y -90

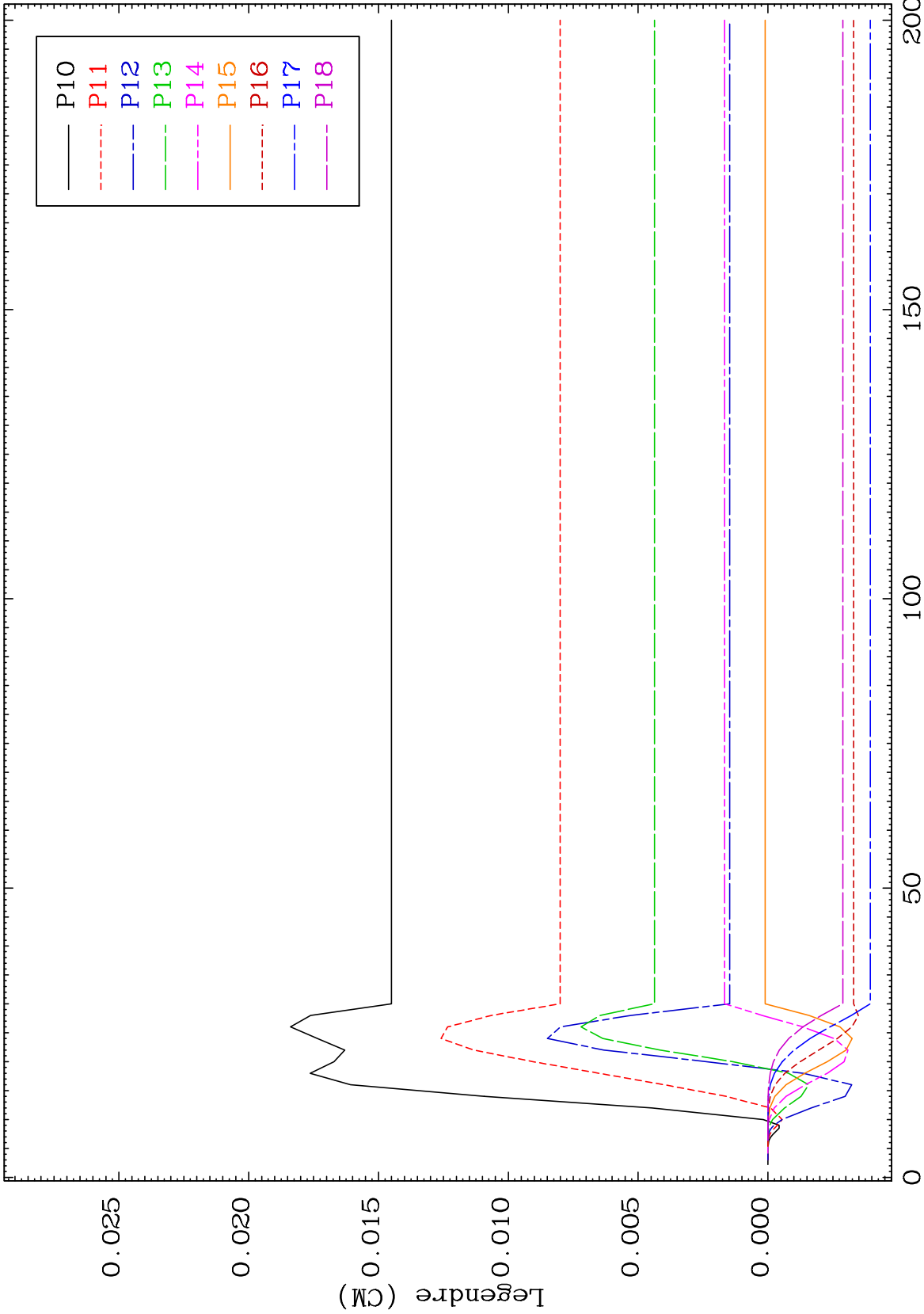


49 Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90



51

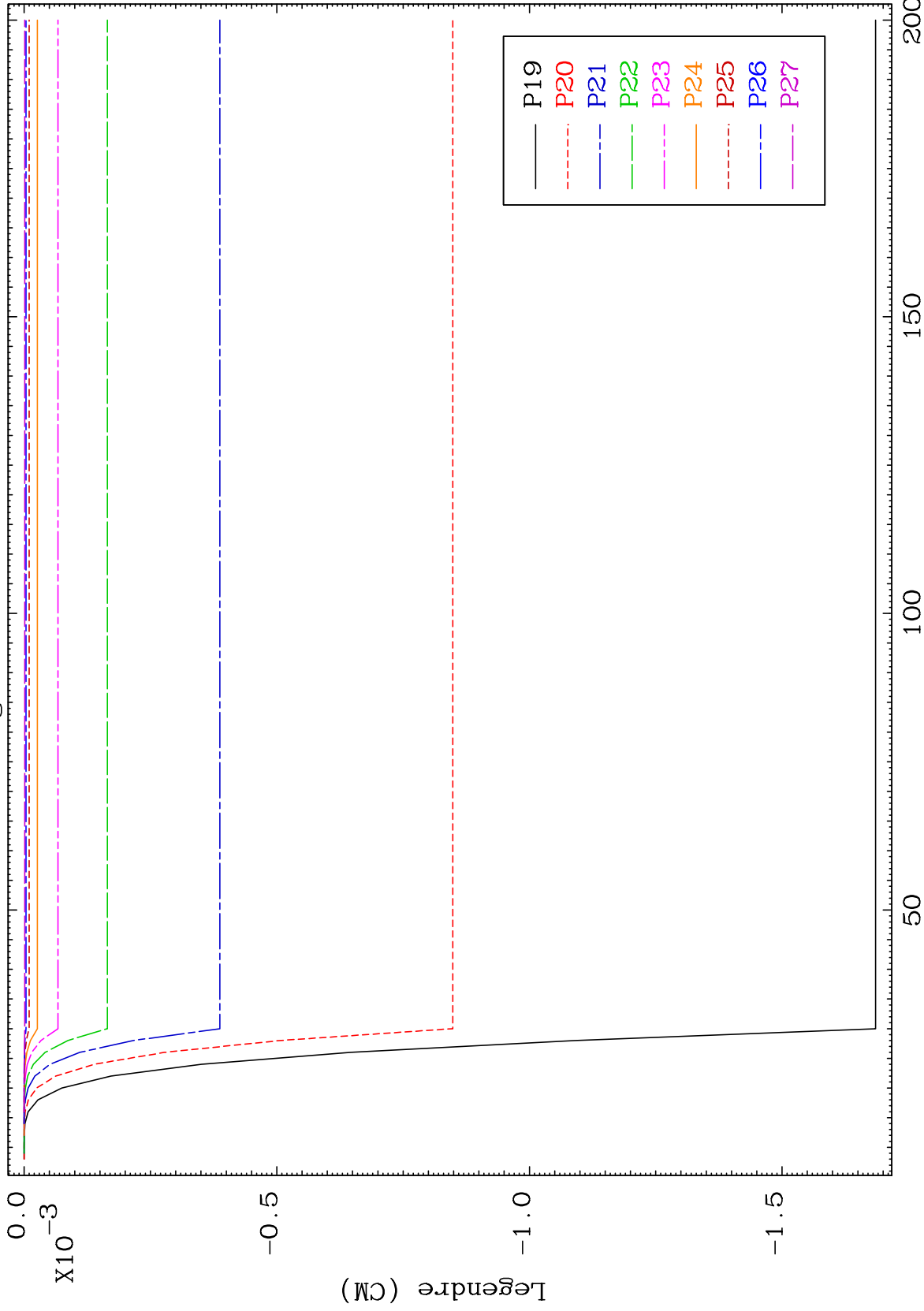
Incident Energy (MeV)

39-Y -90

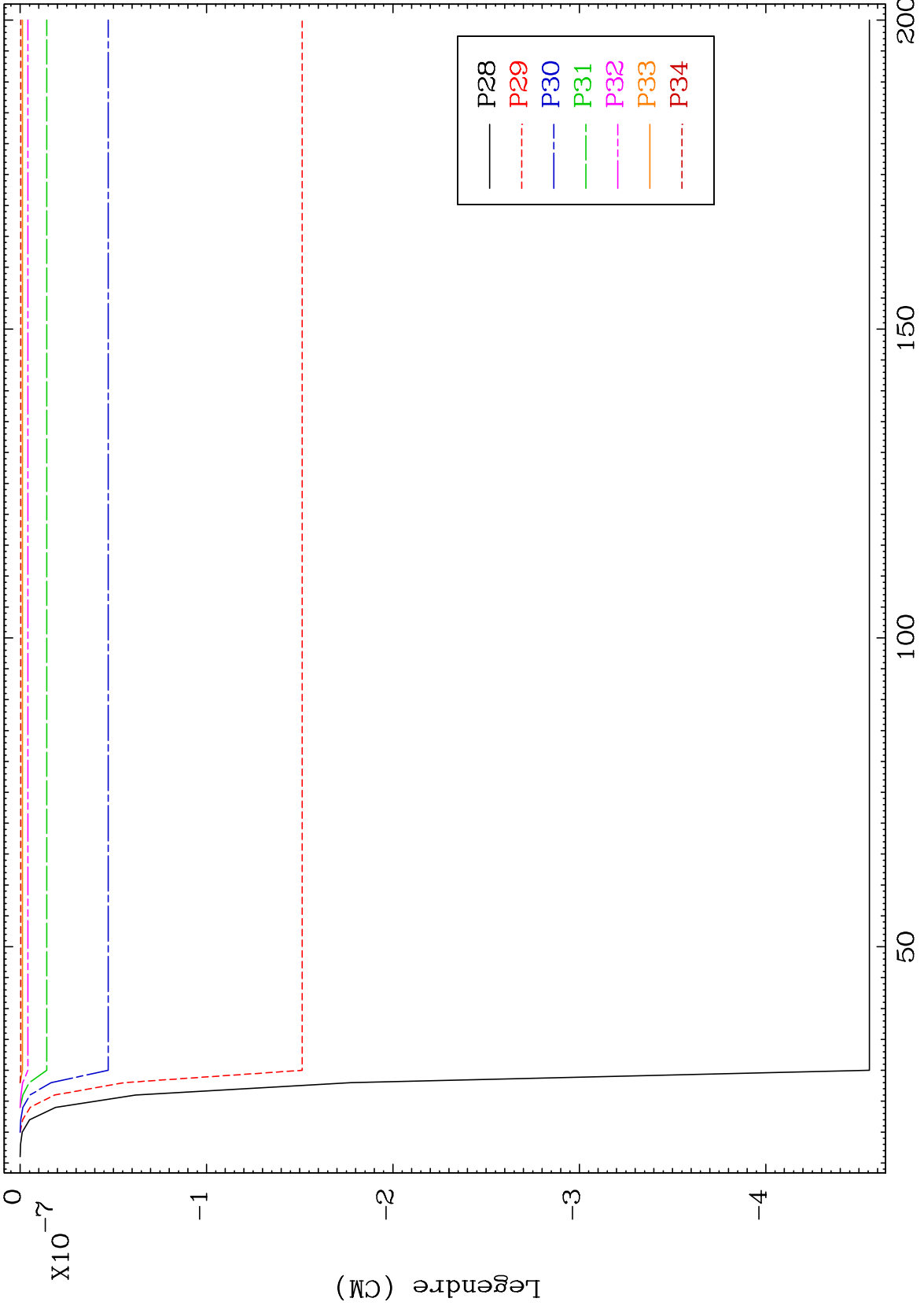
MAT 3928 MT= 60 (n,n') Level

Legendre Coefficients

39-Y -90

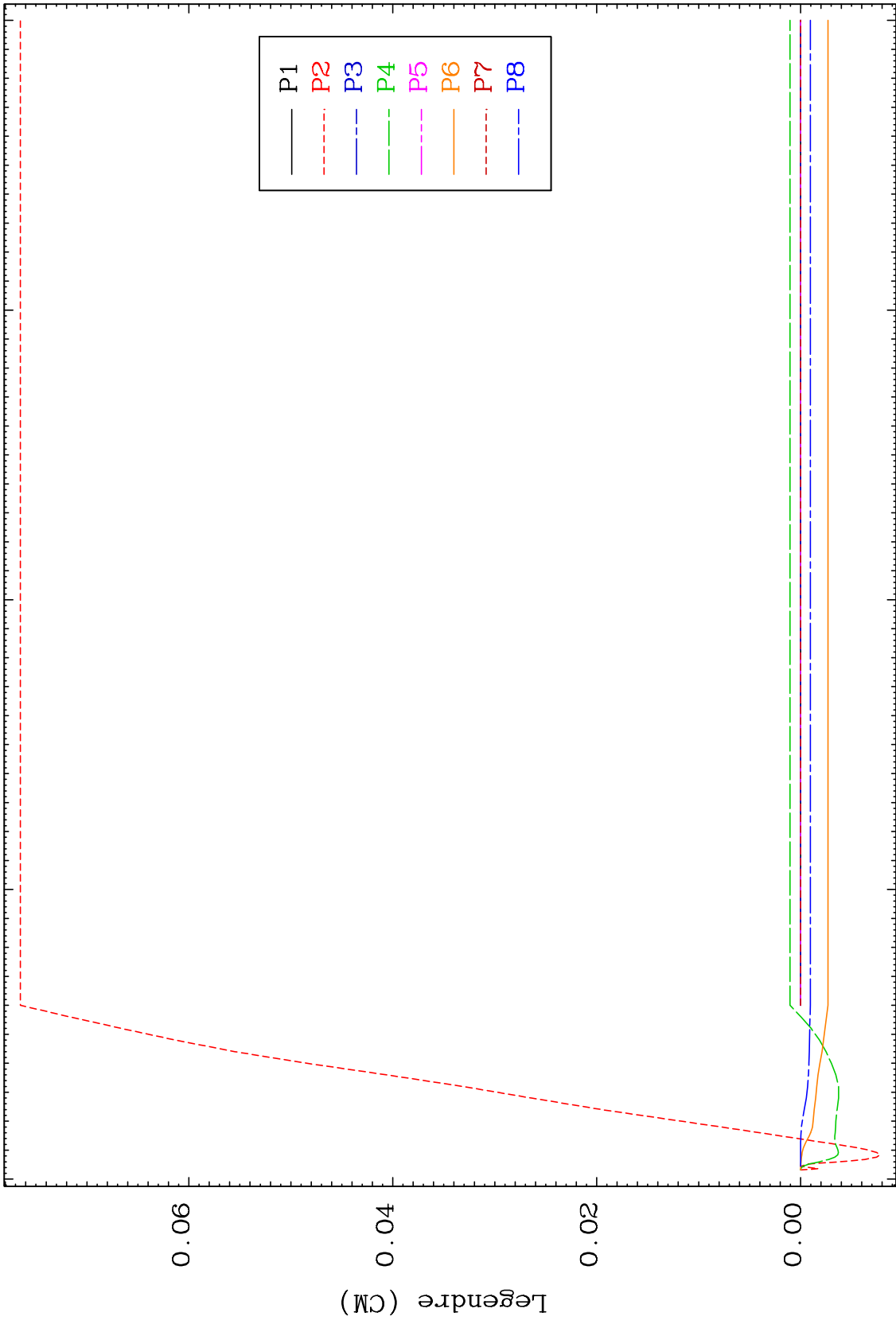


MAT 3928 MT= 60 (n,n') Level Legendre Coefficients 39-Y -90



53 Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 61 (n,n') Level Legendre Coefficients 39-Y -90

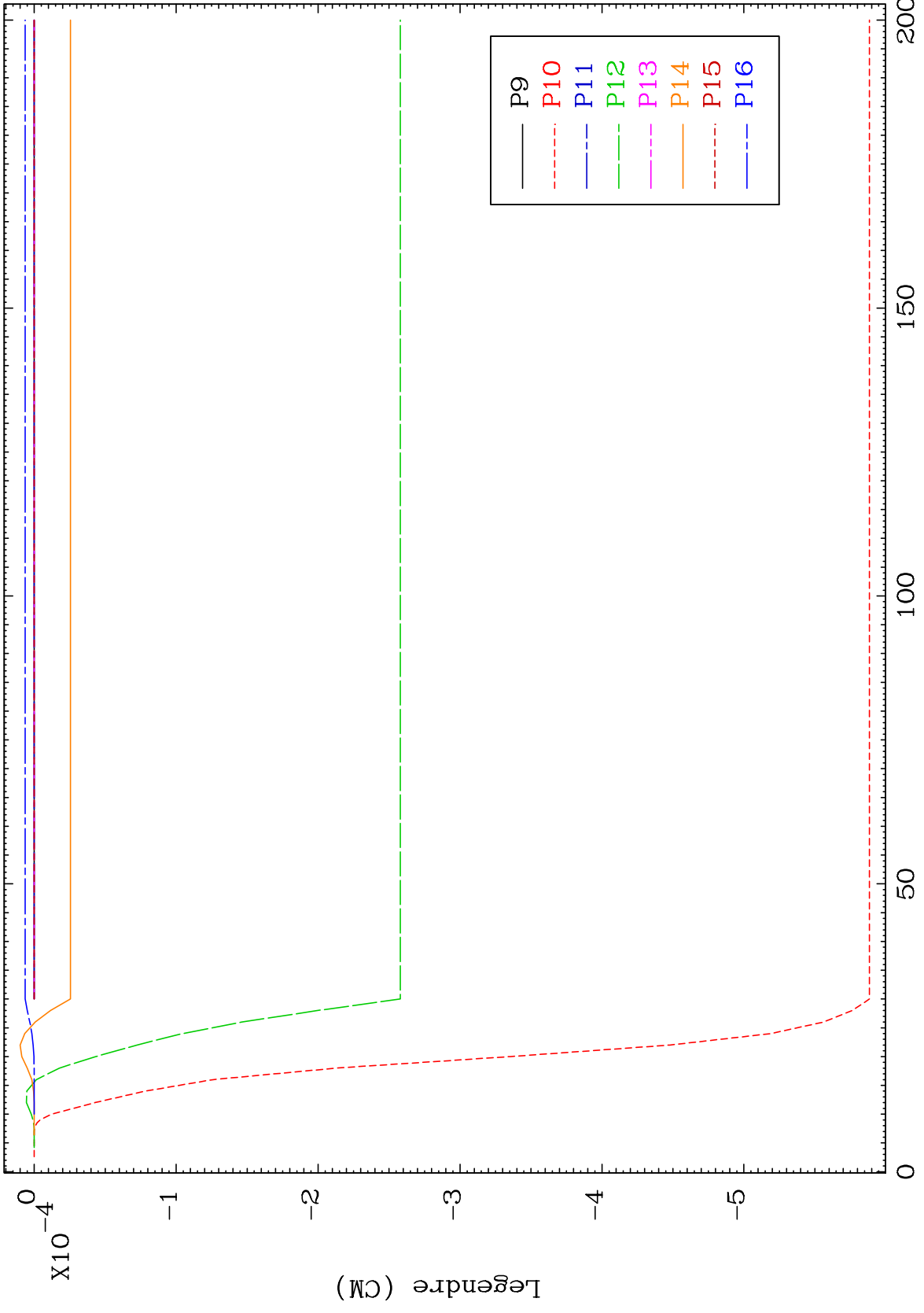


54 39-Y -90

MAT 3928

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

39-Y -90

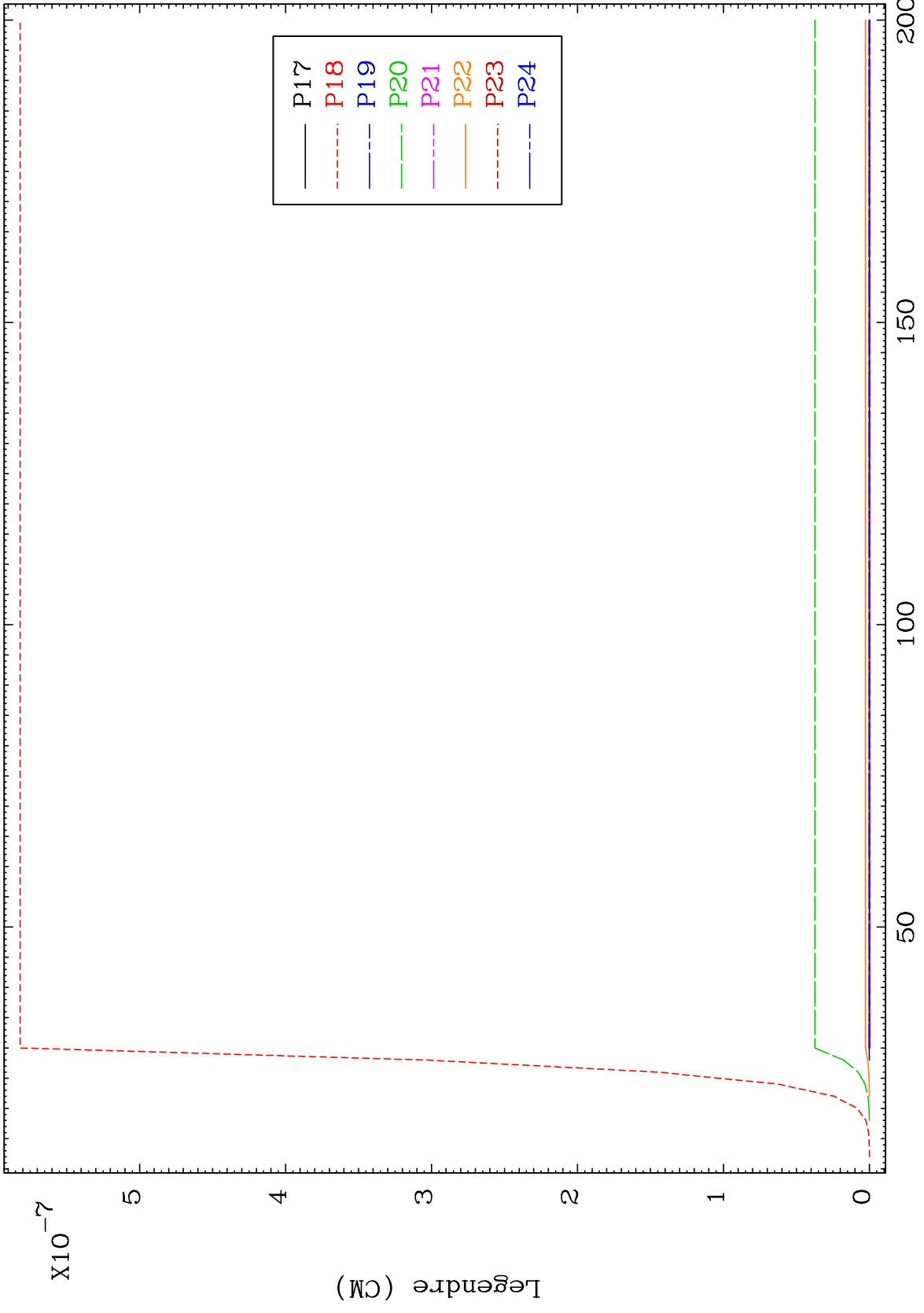


39-Y -90

Incident Energy (MeV)

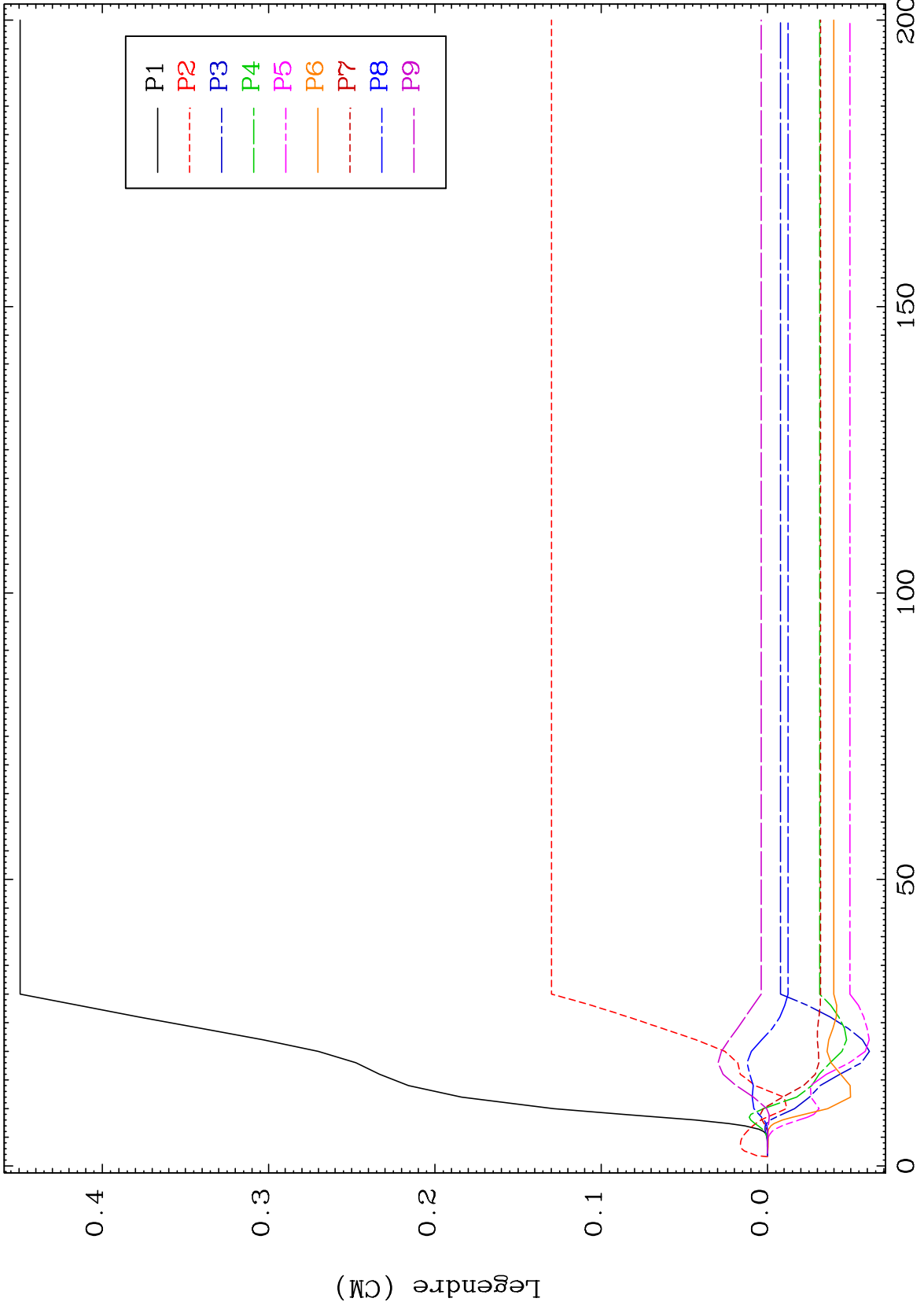
55

MAT 3928 MT= 61 (n,n') Level Legendre Coefficients 39-Y -90



56 100 150 200 39-Y -90

MAT 3928 MT= 62 (n,n') Level Legendre Coefficients 39-Y -90

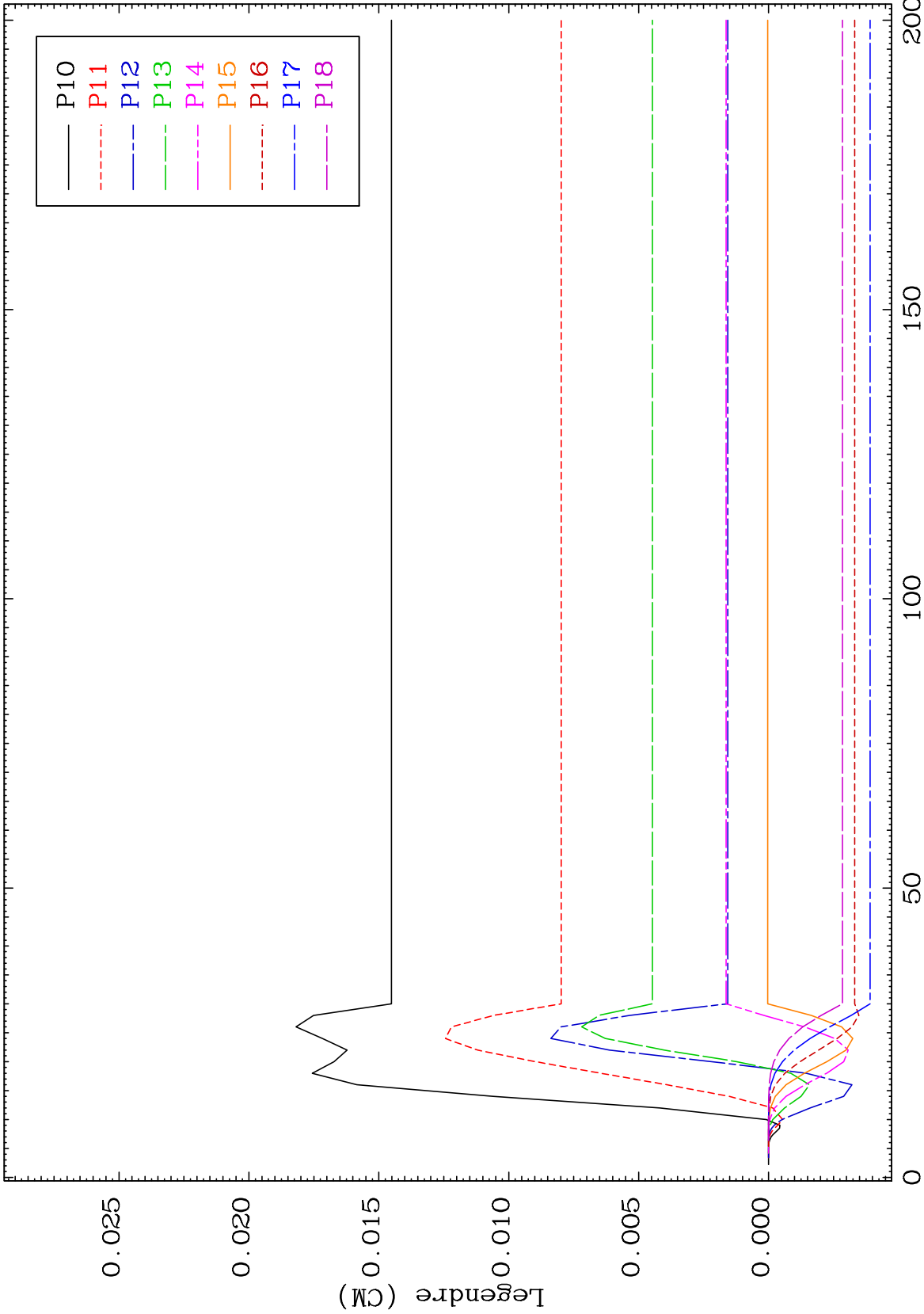


57 39-Y -90

MAT 3928

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

39-Y -90

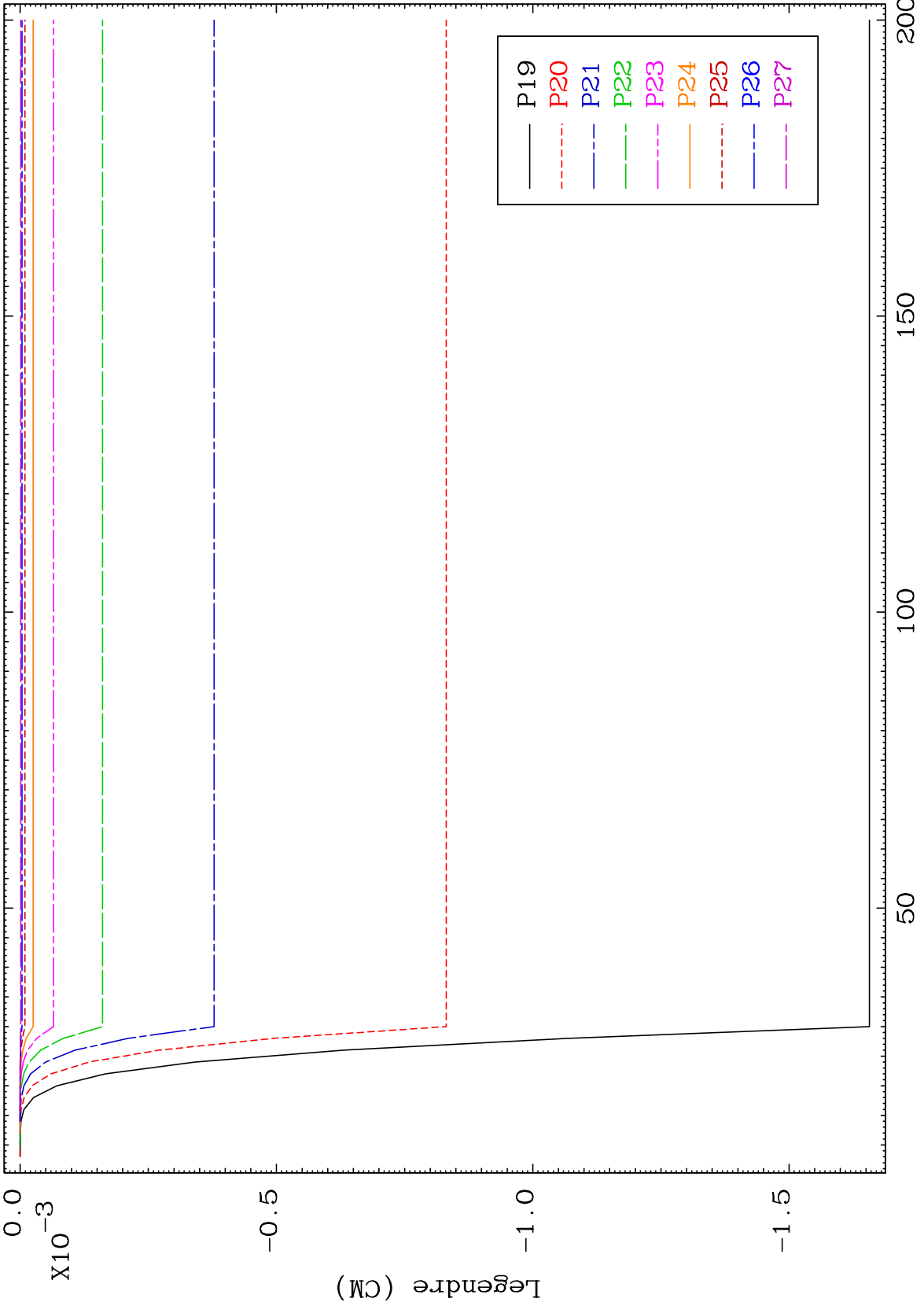


58

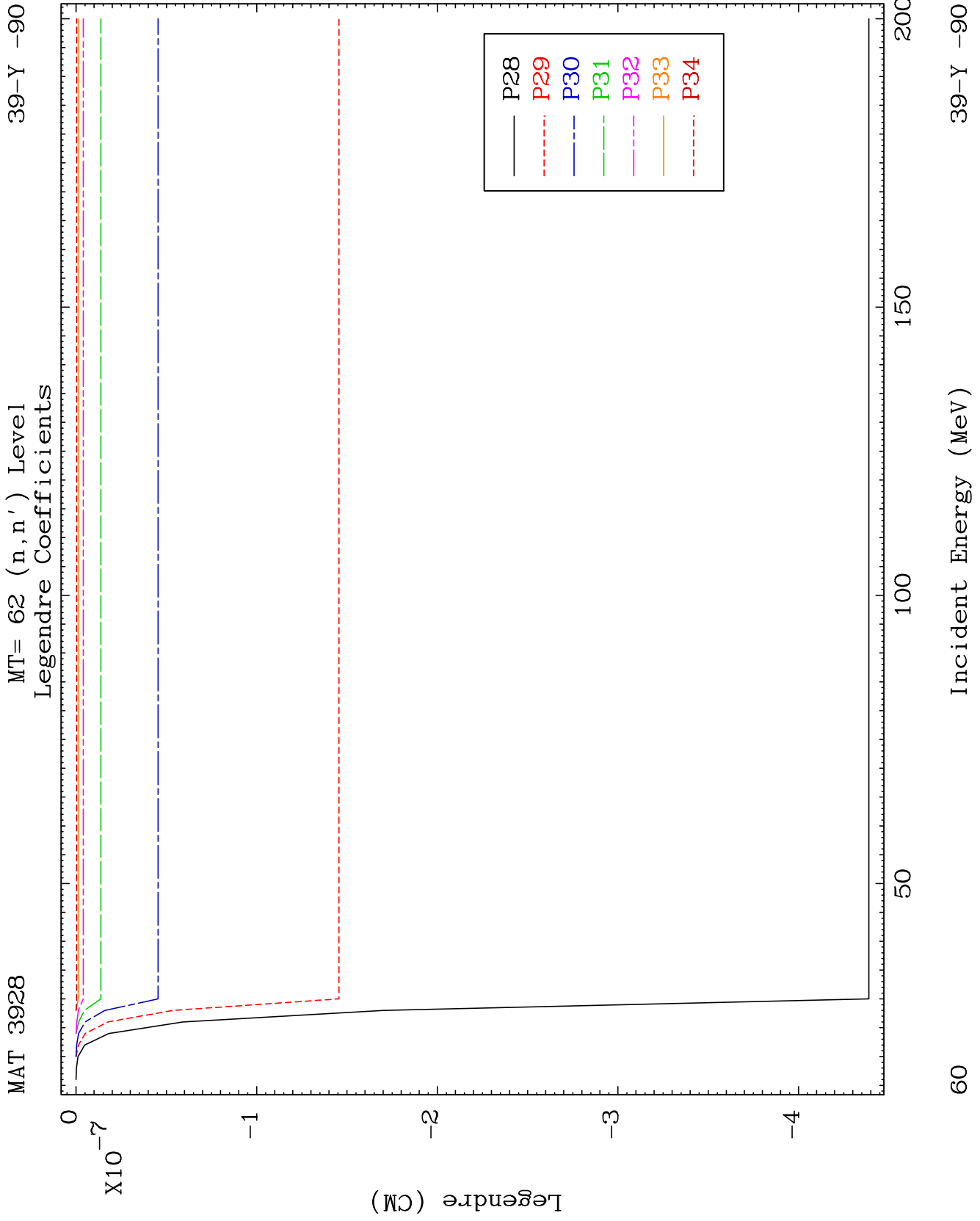
Incident Energy (MeV)

39-Y -90

MAT 3928 MT= 62 (n,n') Level Legendre Coefficients 39-Y -90



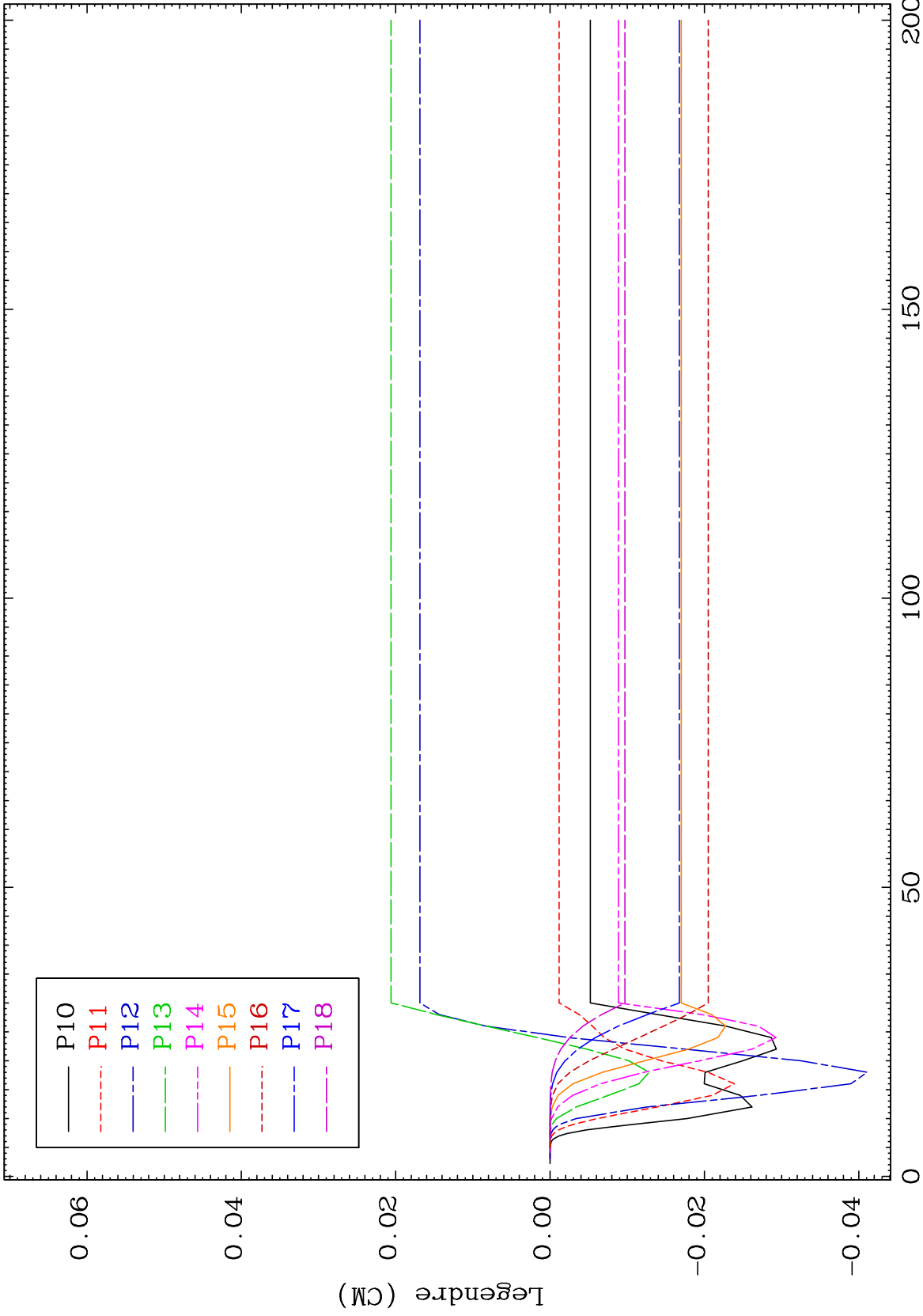
59 Incident Energy (MeV) 39-Y -90



MAT 3928

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

39-Y -90

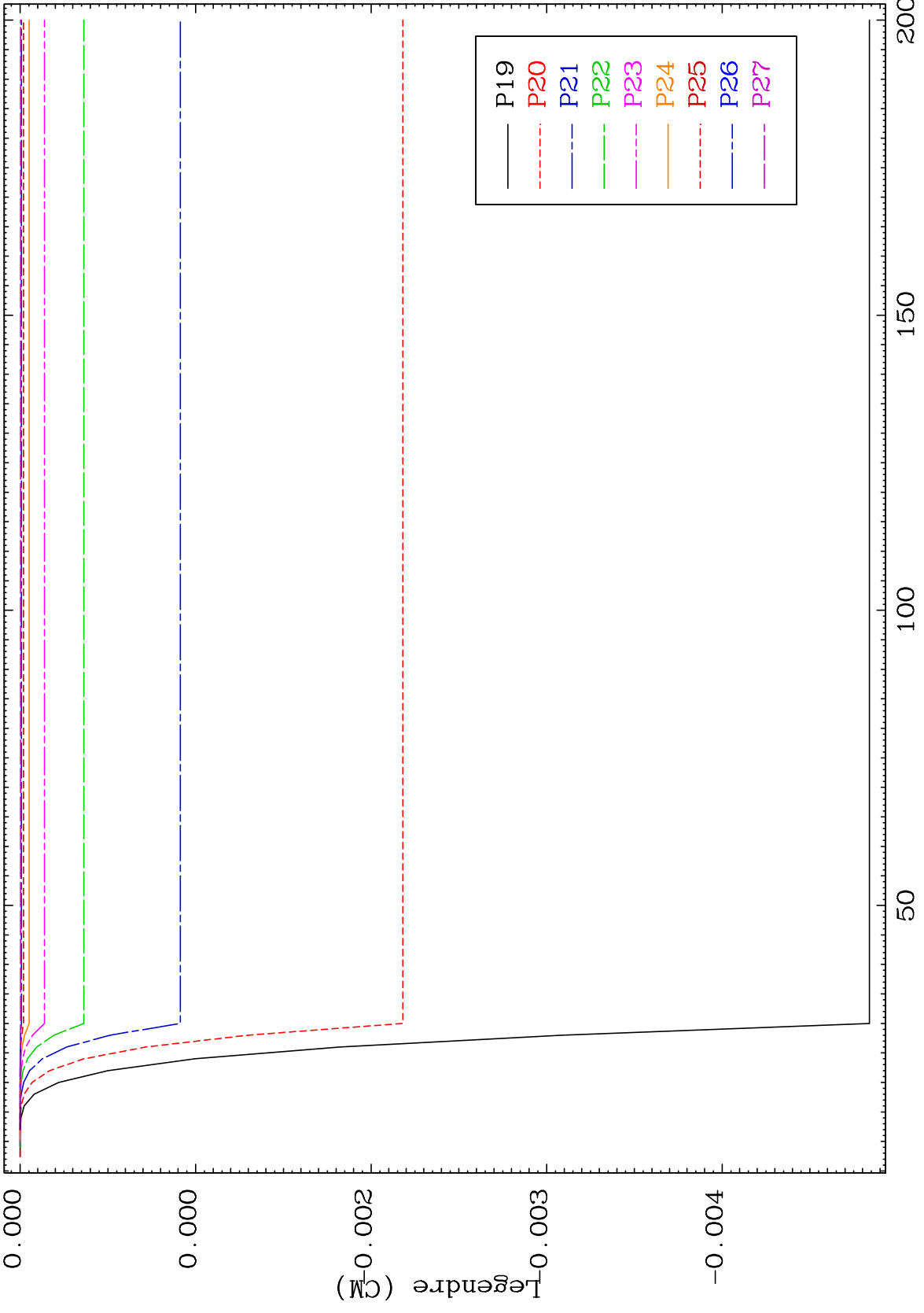


62

Incident Energy (MeV)

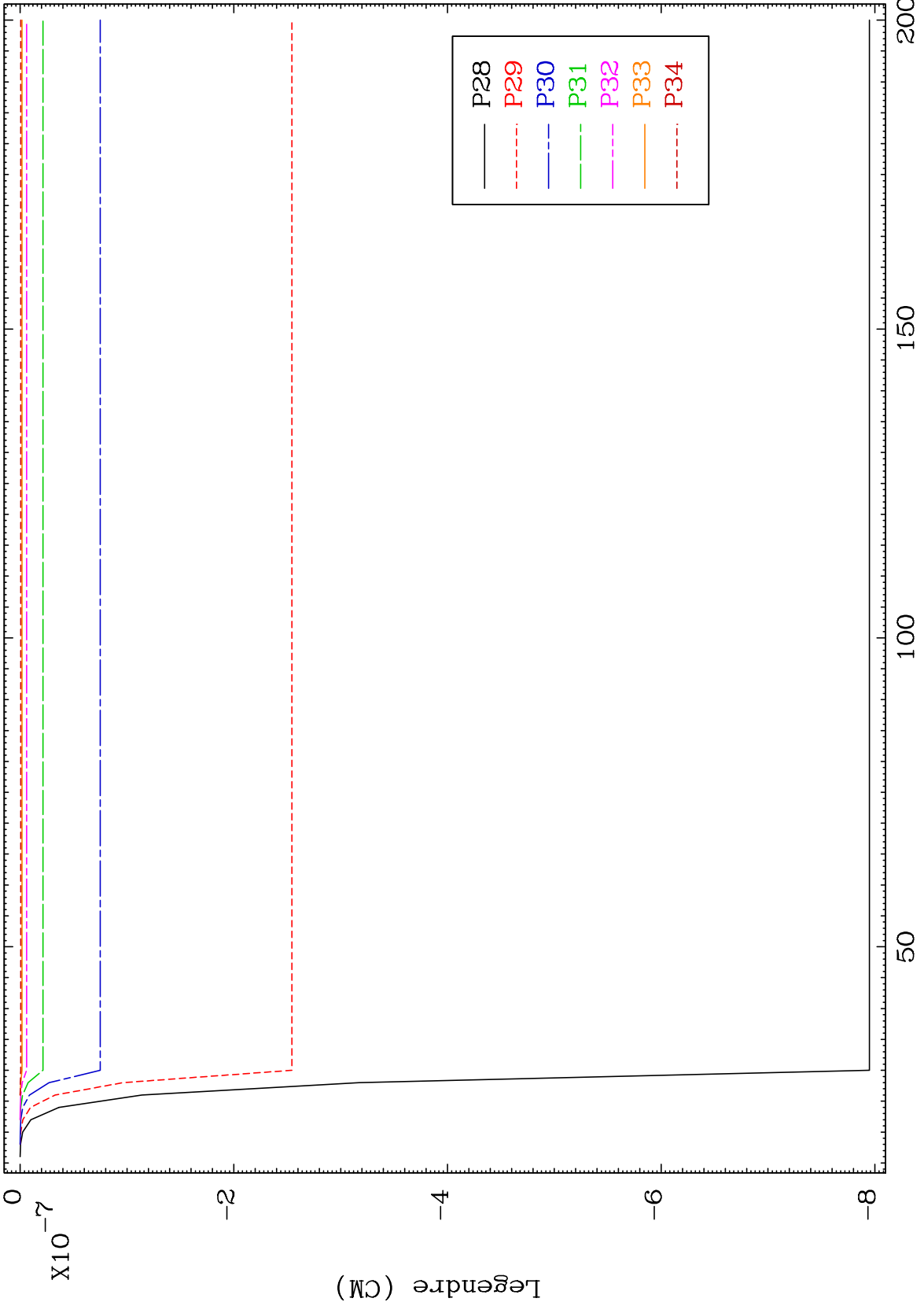
39-Y -90

MAT 3928 MT= 63 (n,n') Level Legendre Coefficients 39-Y -90



63 39-Y -90

MAT 3928 MT= 63 (n,n') Level Legendre Coefficients 39-Y -90

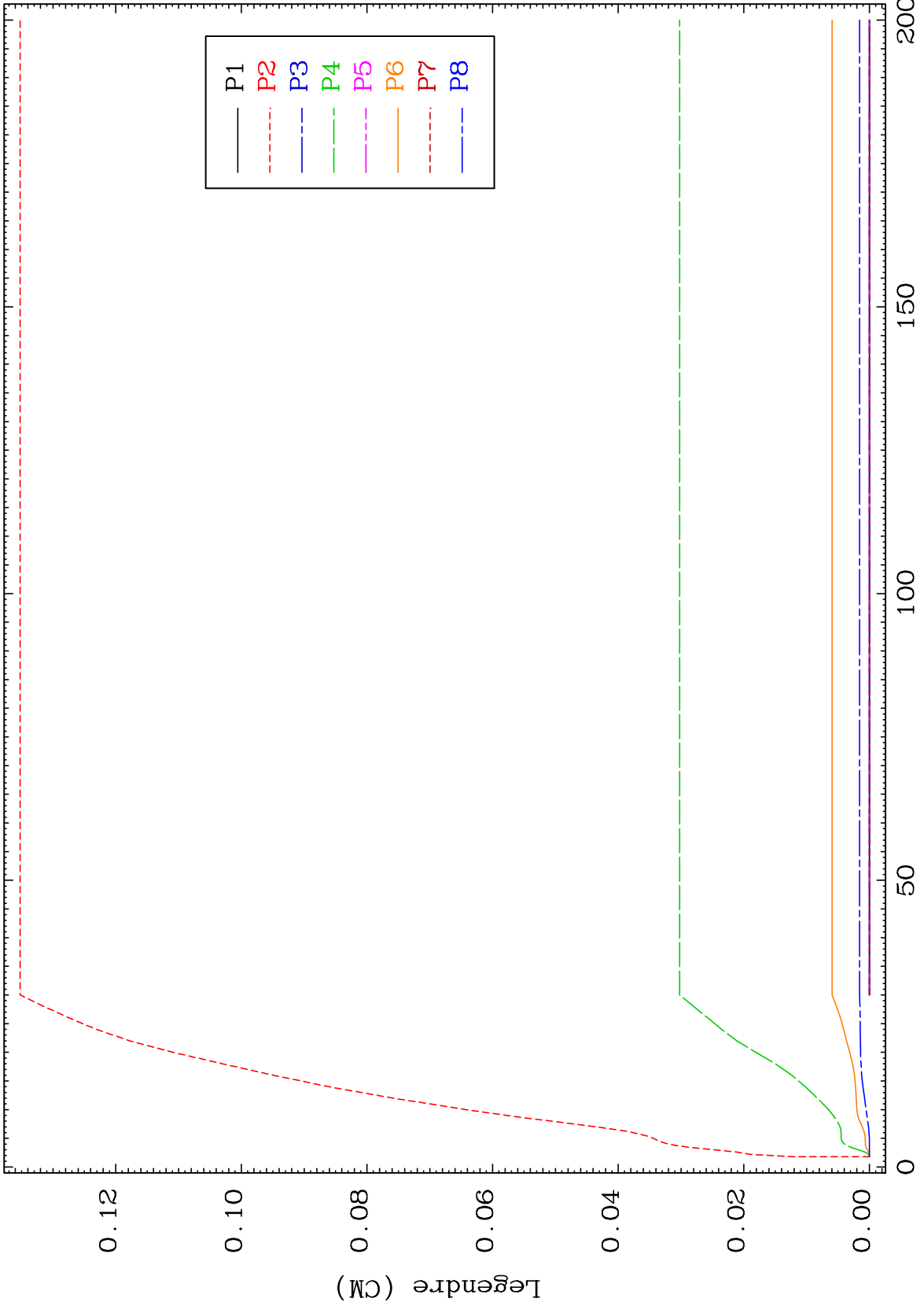


64 39-Y -90

MAT 3928

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

39-Y -90



65

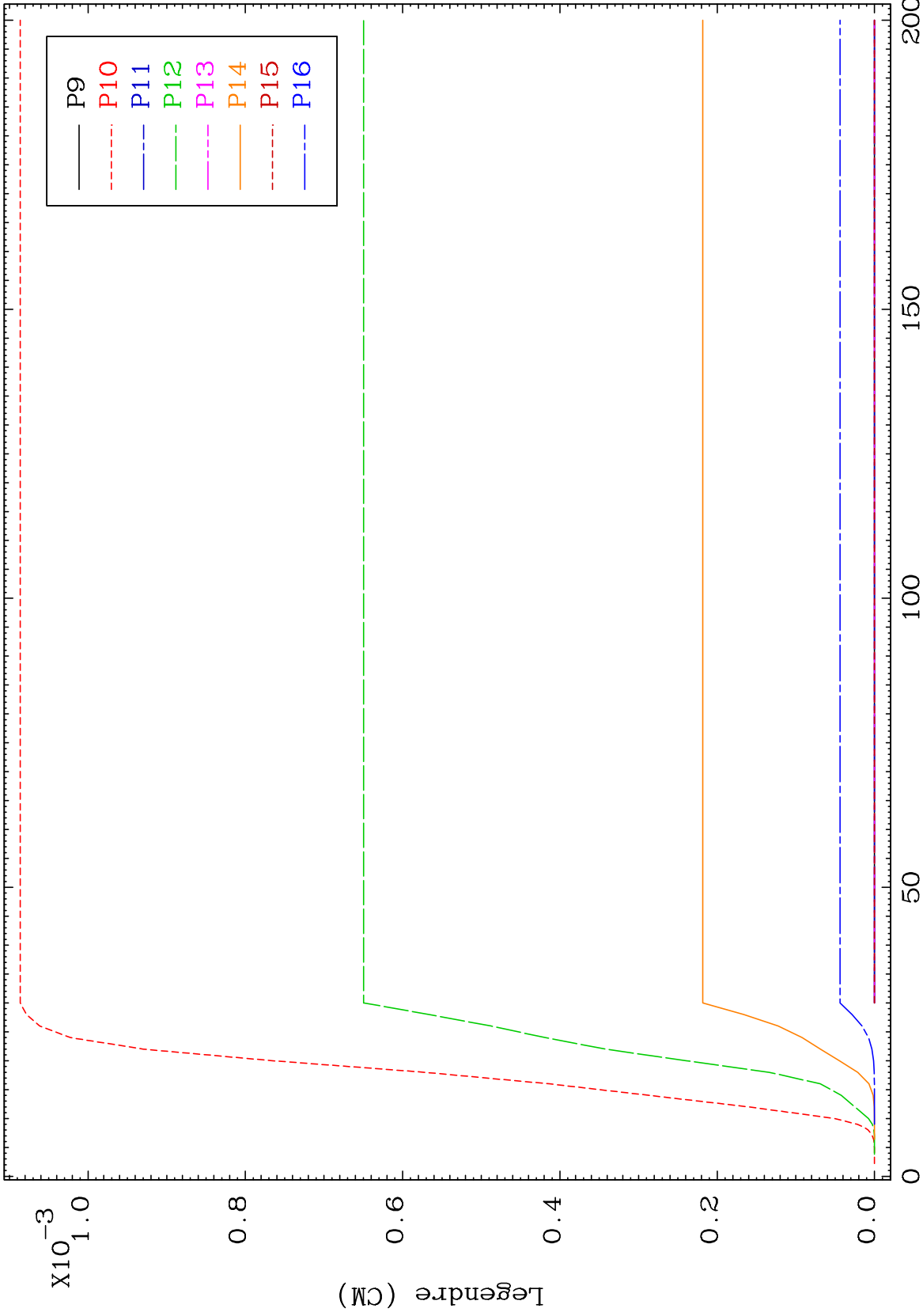
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90

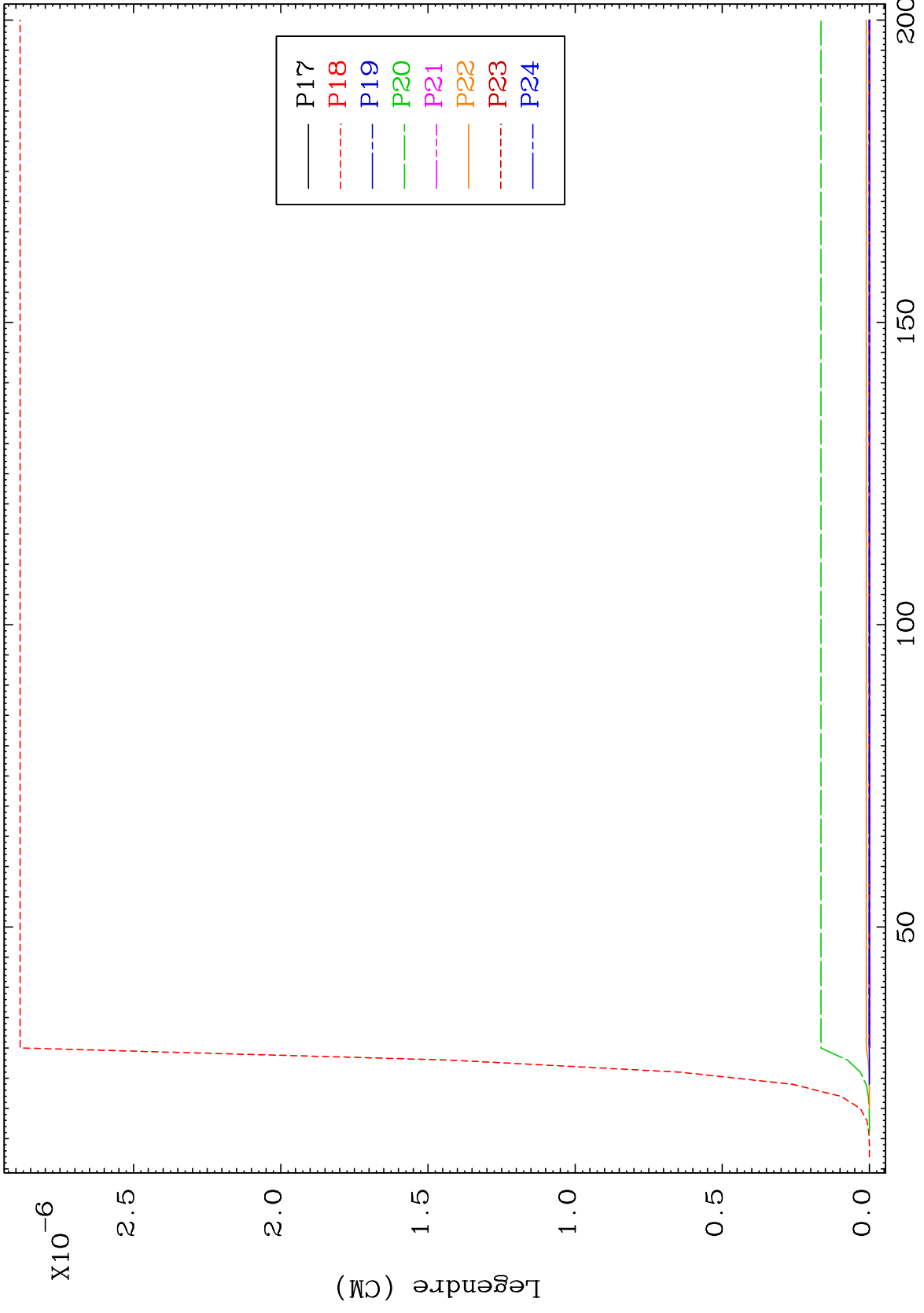


66

Incident Energy (MeV)

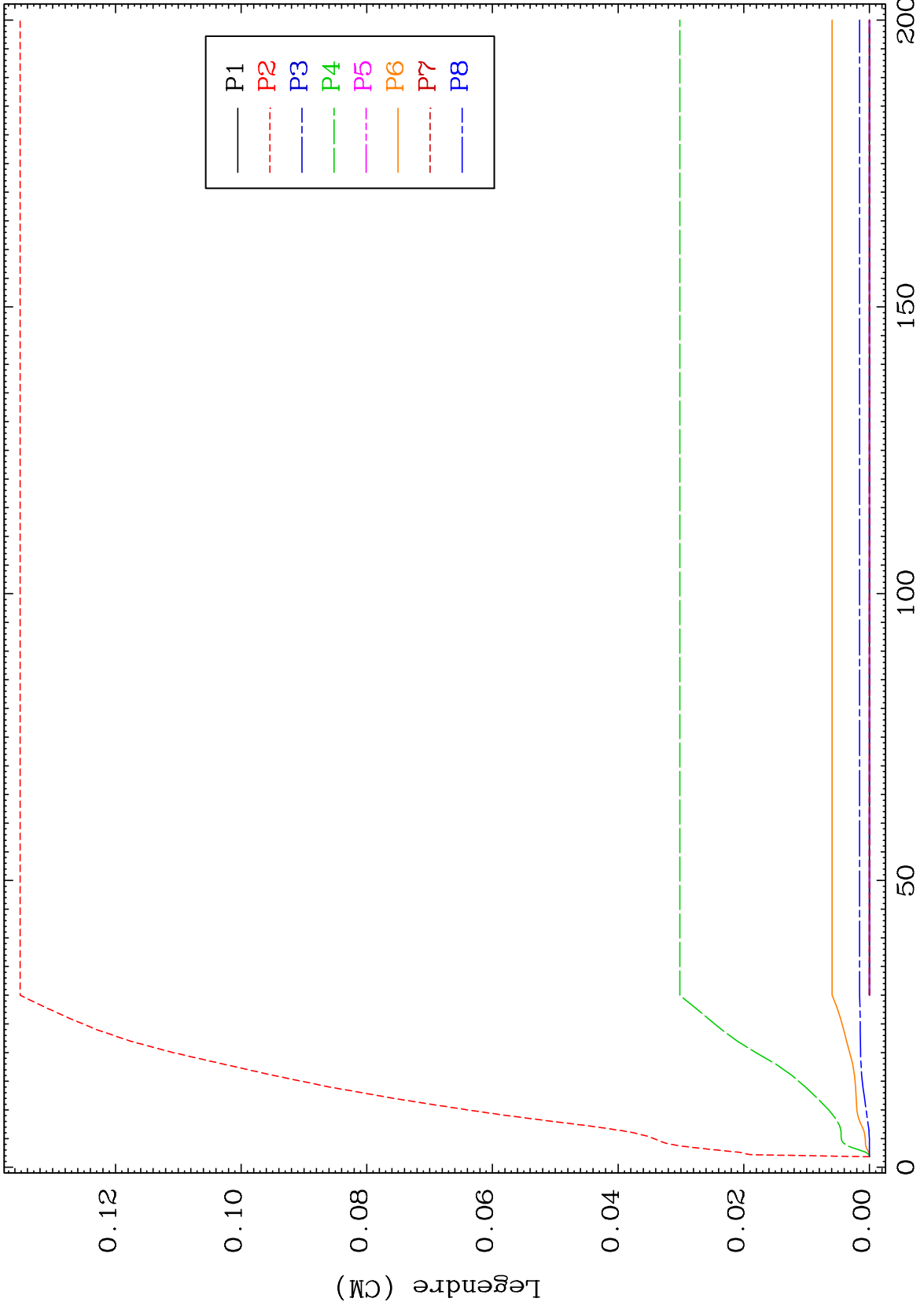
39-Y -90

MAT 3928 MT= 64 (n,n') Level Legendre Coefficients 39-Y -90



67 39-Y -90

MAT 3928 MT= 65 (n,n') Level Legendre Coefficients 39-Y -90

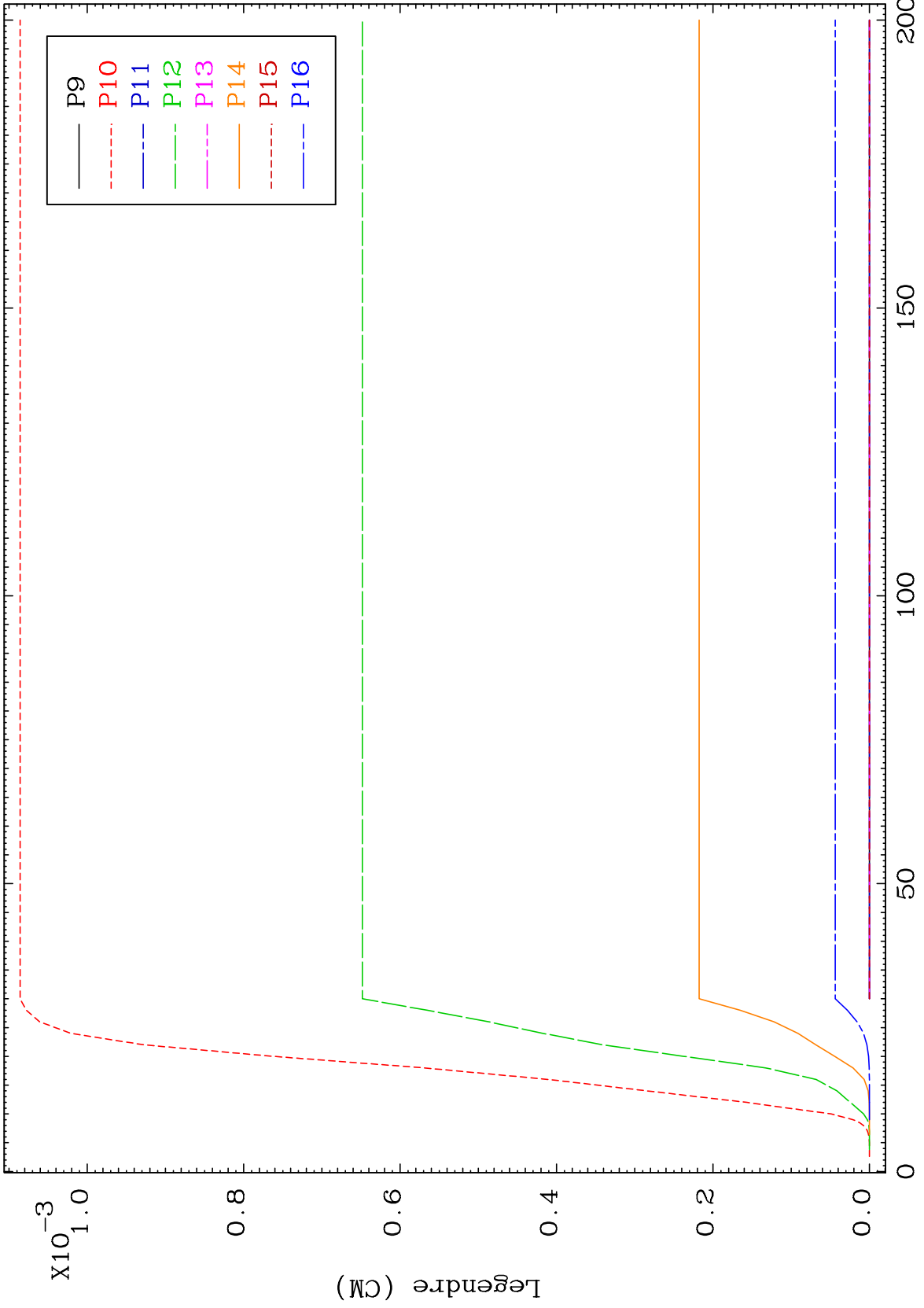


68 Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90

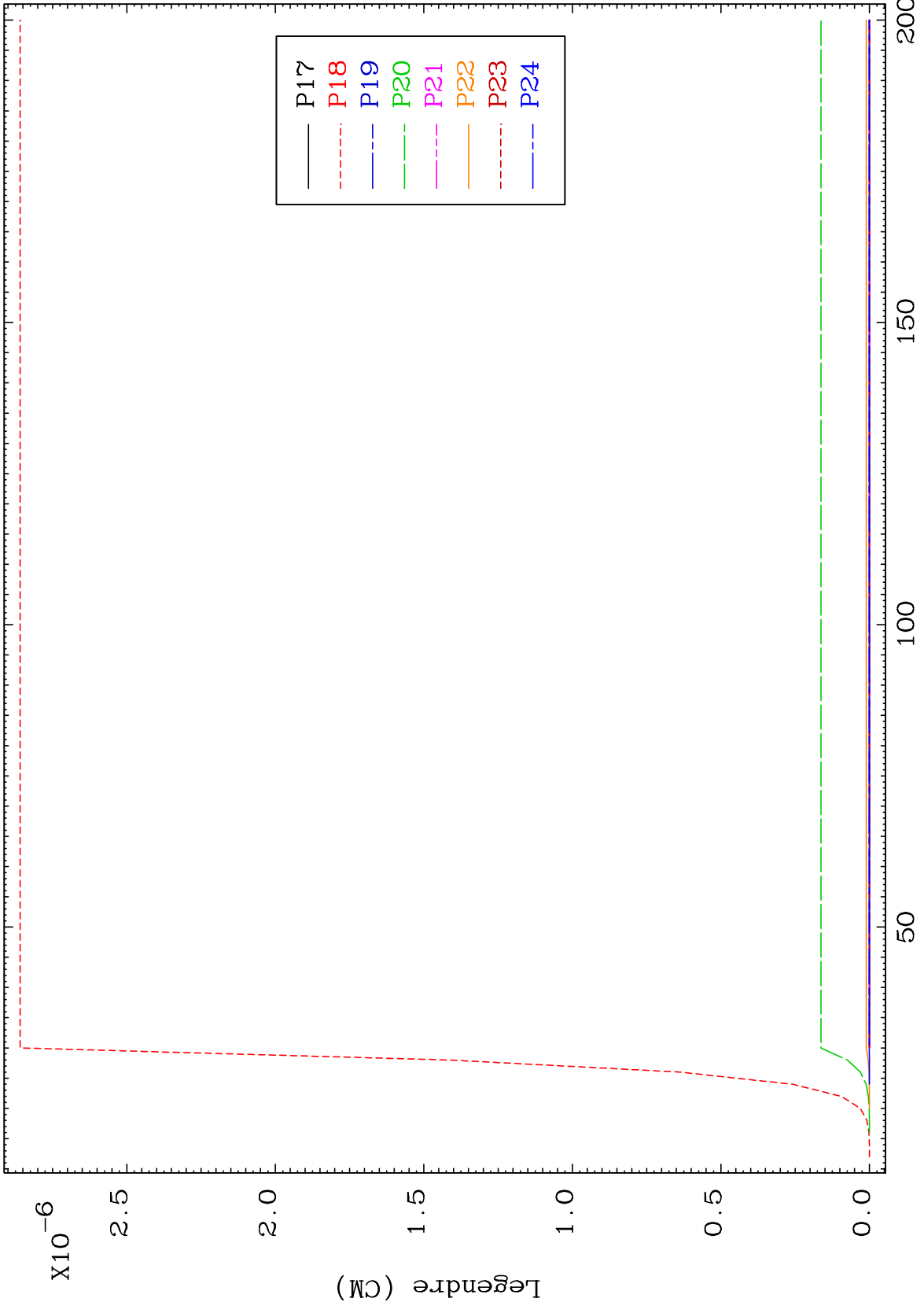


69

Incident Energy (MeV)

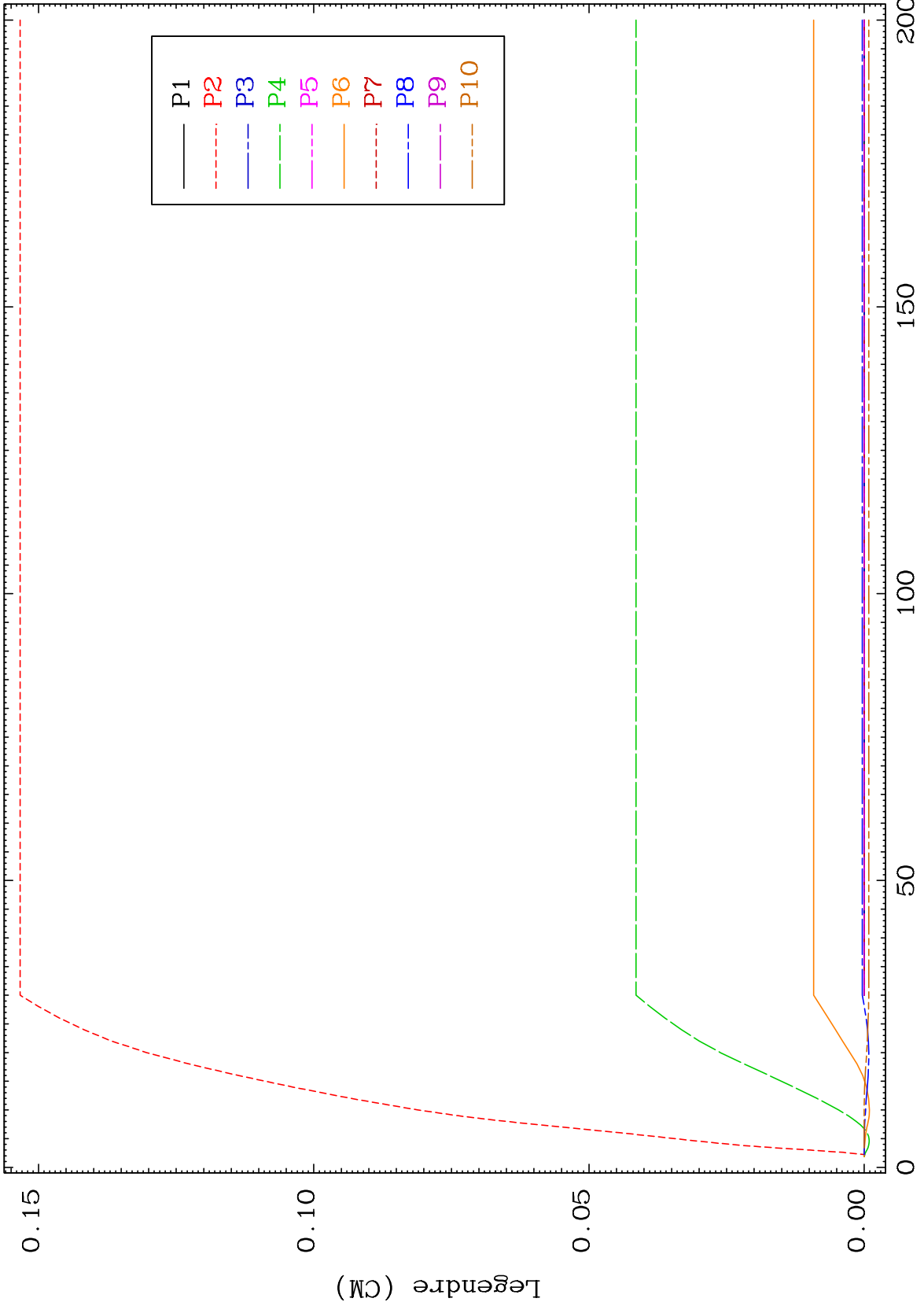
39-Y -90

MAT 3928 MT= 65 (n,n') Level Legendre Coefficients 39-Y -90



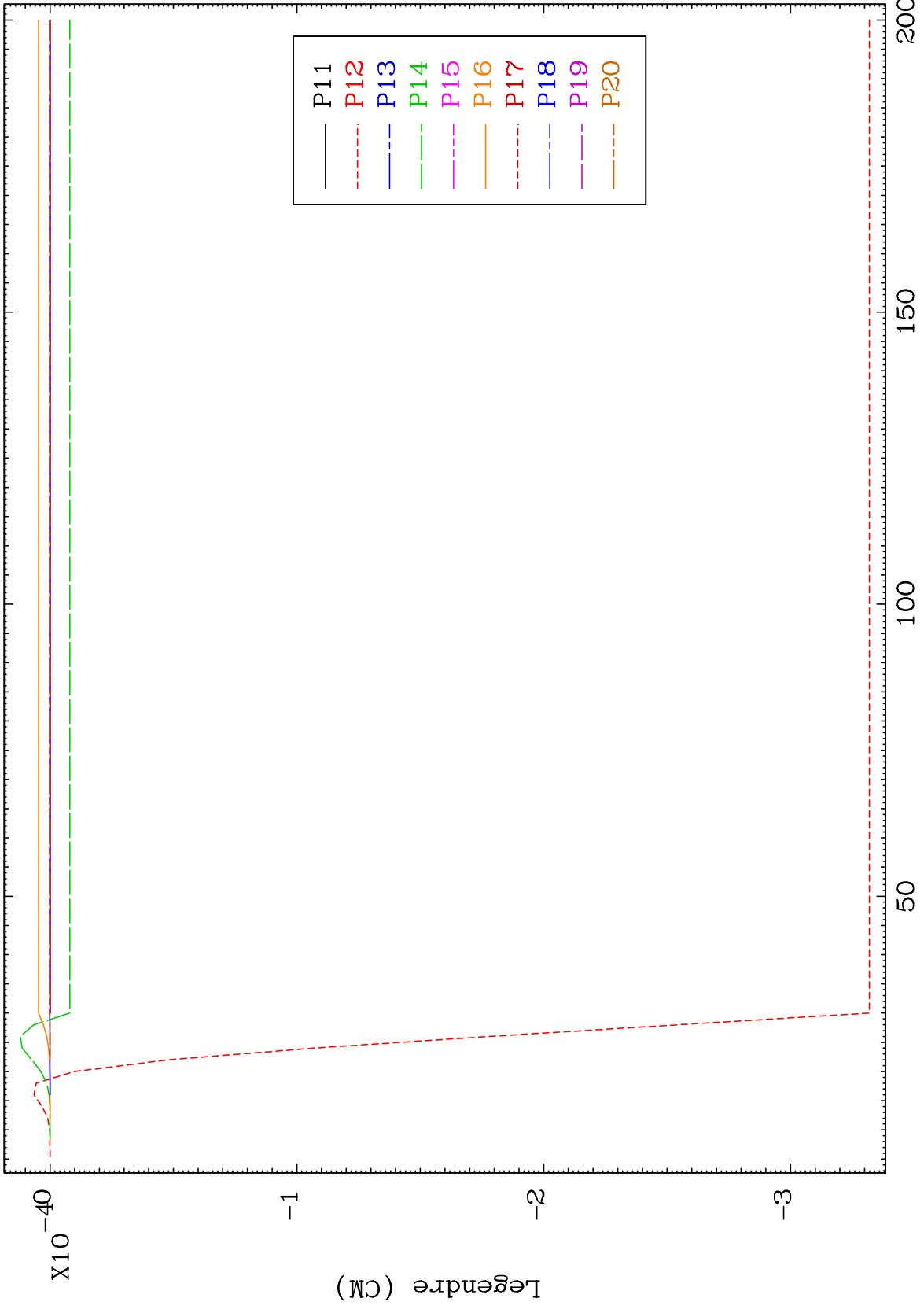
70 50 100 150 200 39-Y -90

MAT 3928 MT= 66 (n,n') Level Legendre Coefficients 39-Y -90



71 39-Y -90

MAT 3928 MT= 66 (n,n') Level Legendre Coefficients 39-Y -90



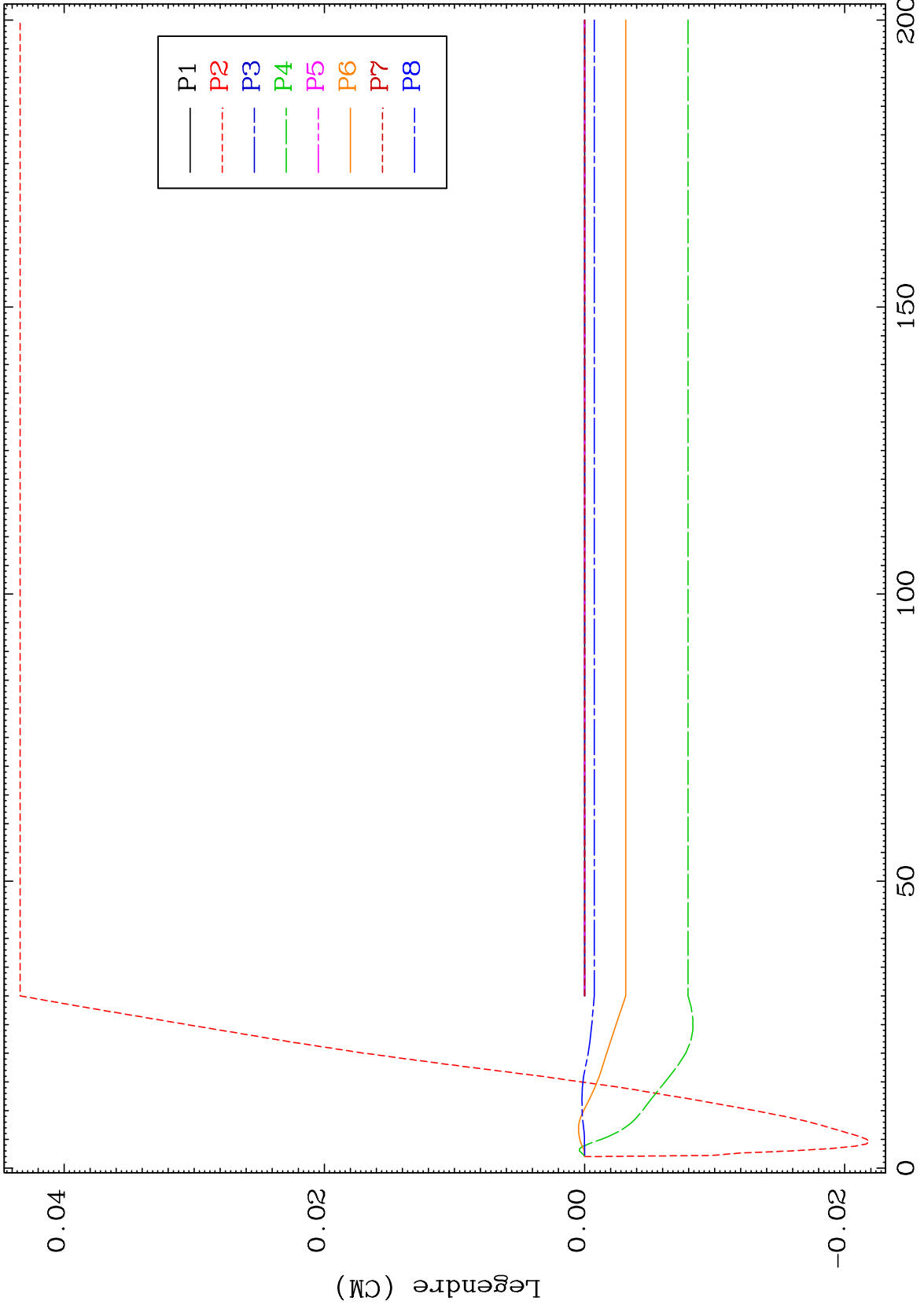
72 Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 67 (n,n') Level Legendre Coefficients

39-Y -90

73

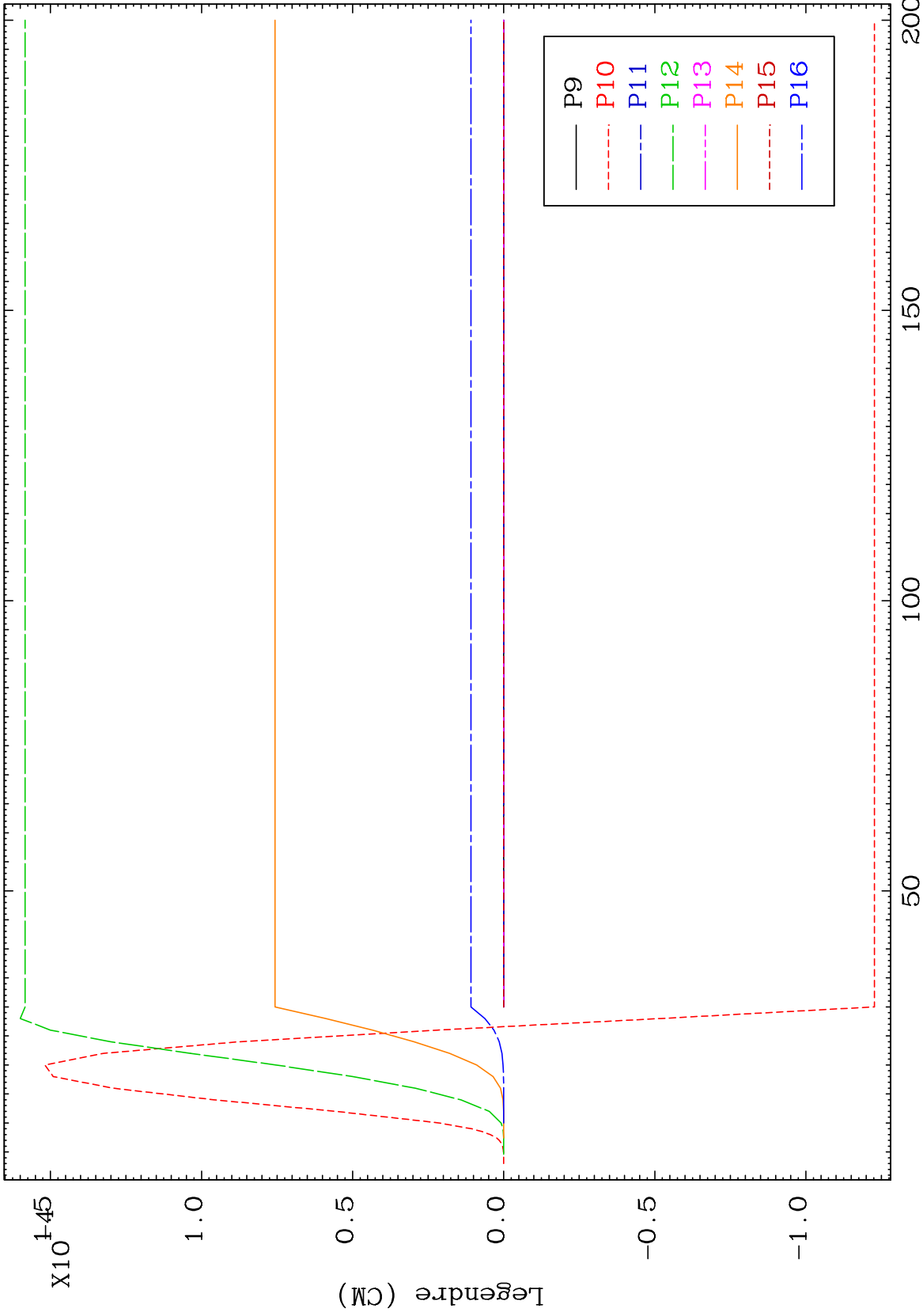
39-Y -90



MAT 3928

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

39-Y -90



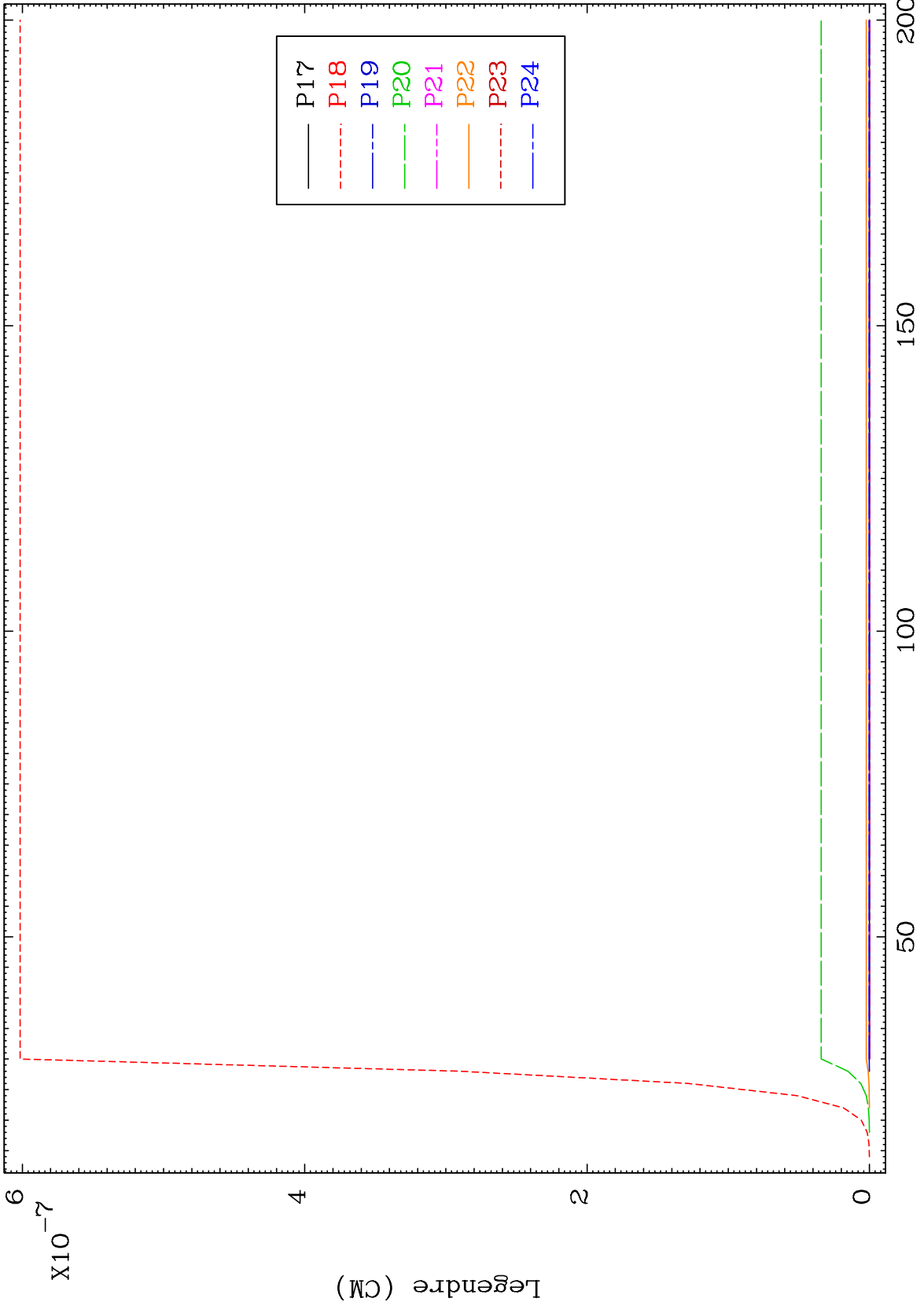
74

Incident Energy (MeV)

39-Y -90

MAT 3928 MT= 67 (n,n') Level Legendre Coefficients

39-Y -90

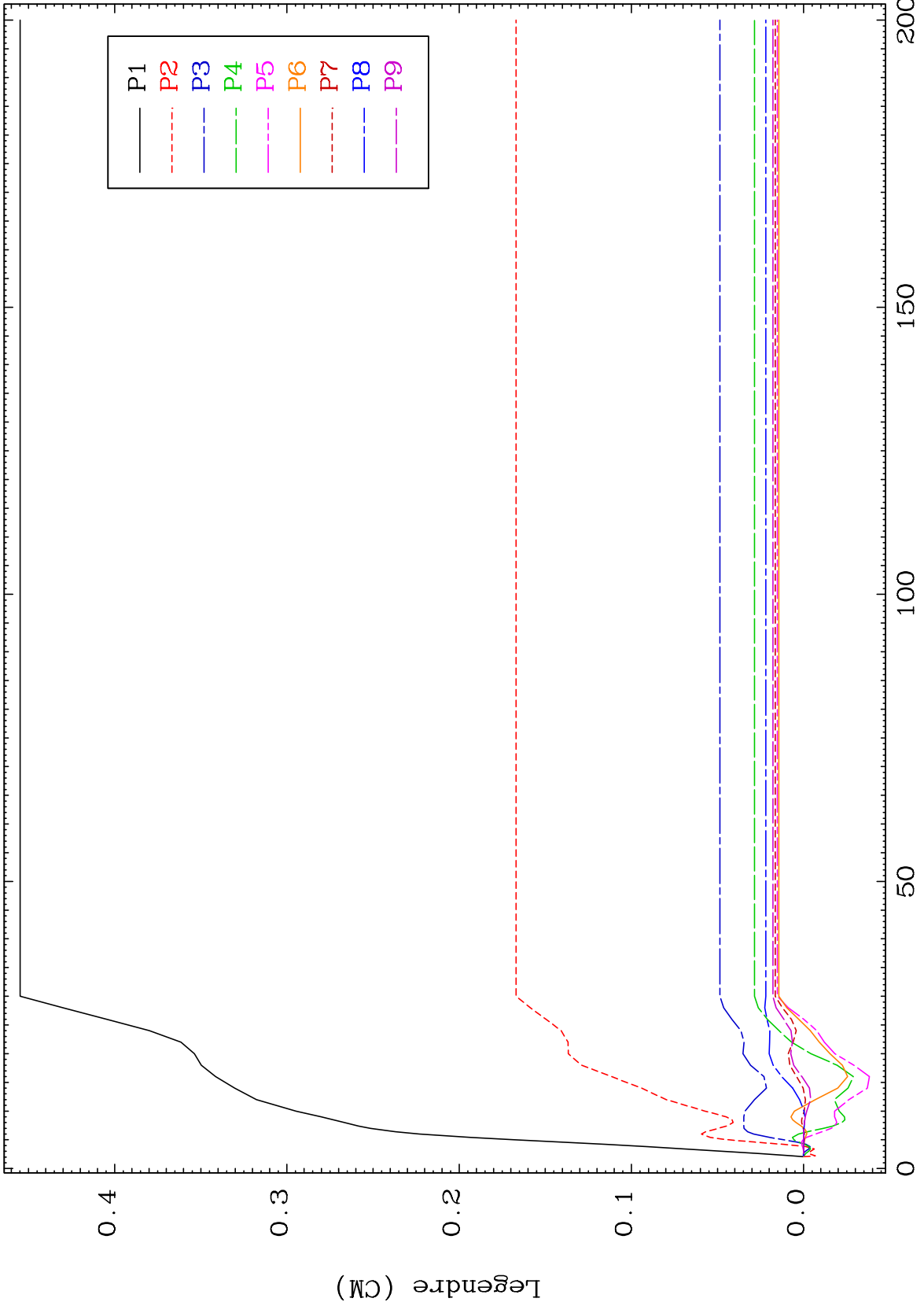


75

Incident Energy (MeV)

39-Y -90

MAT 3928 MT= 68 (n,n') Level Legendre Coefficients 39-Y -90

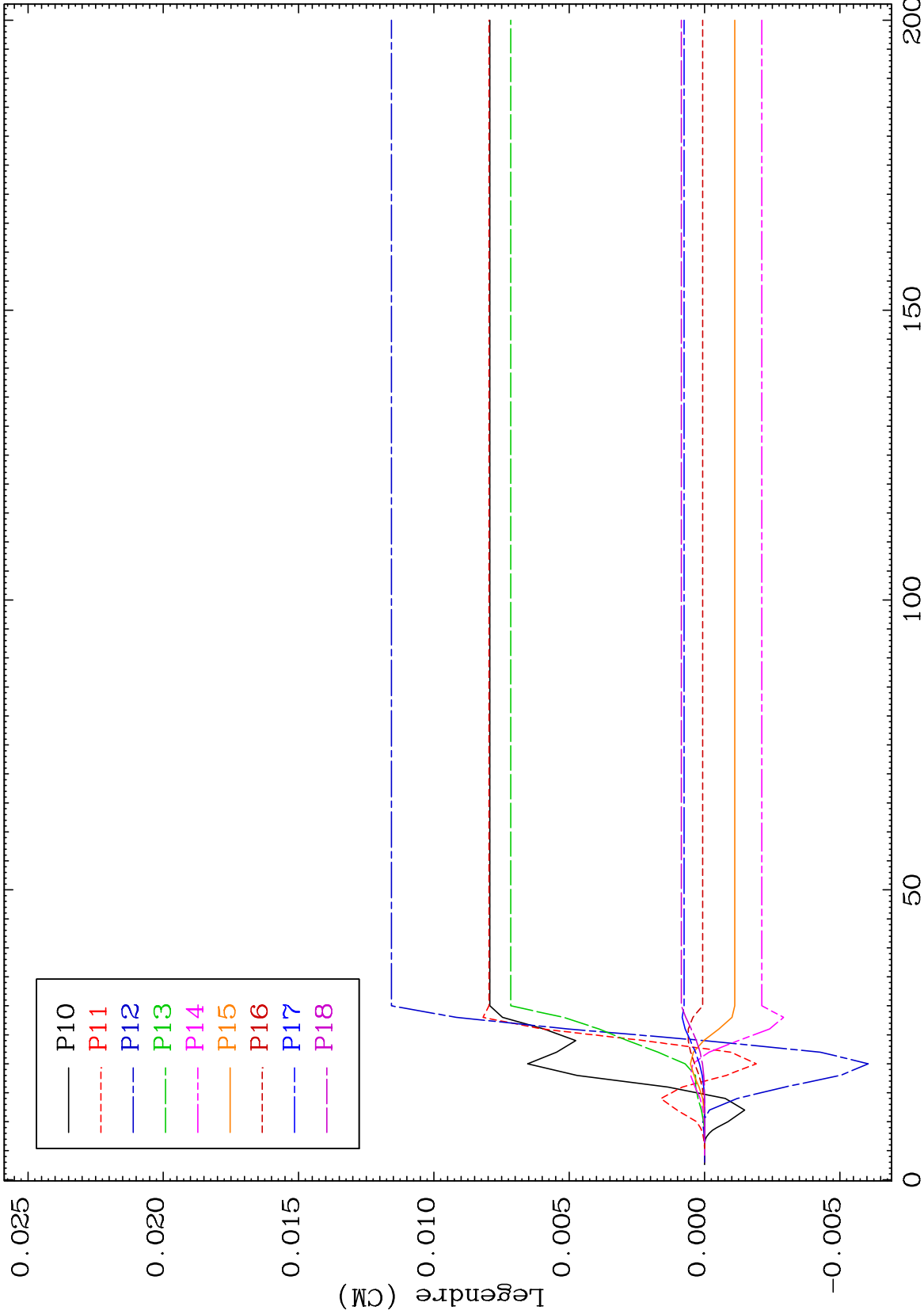


76 Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90

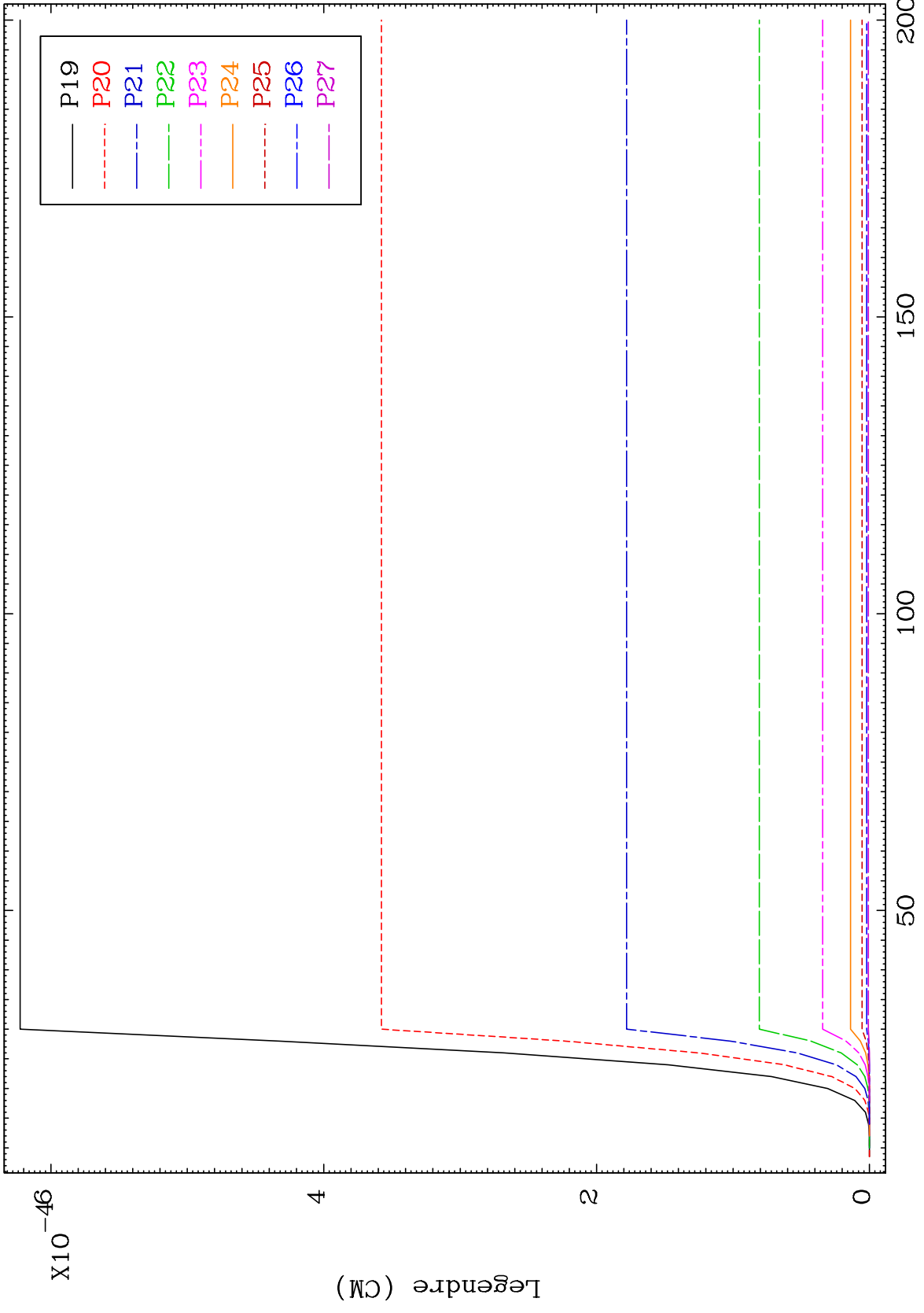


77

Incident Energy (MeV)

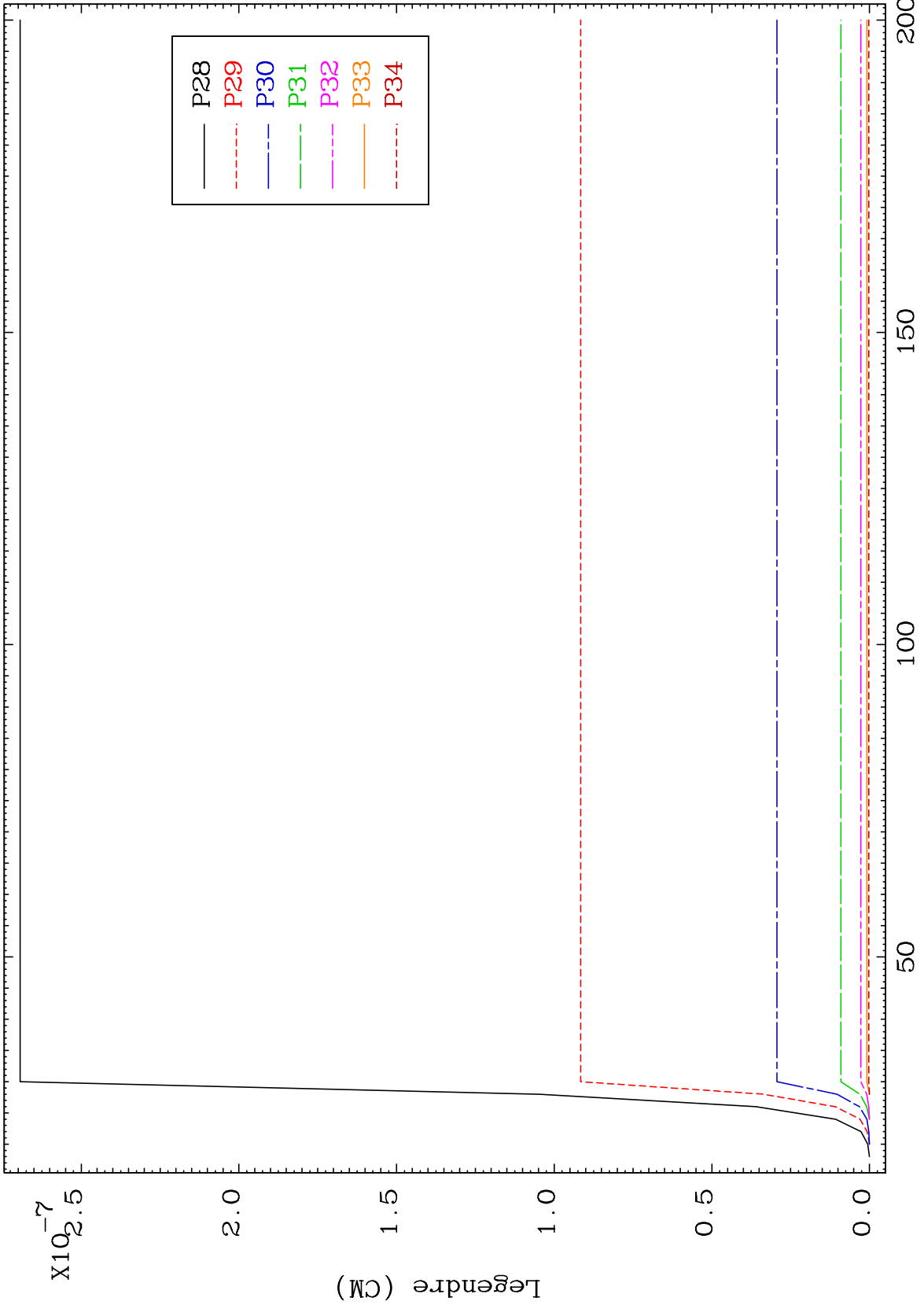
39-Y -90

MAT 3928 MT= 68 (n,n') Level Legendre Coefficients 39-Y -90



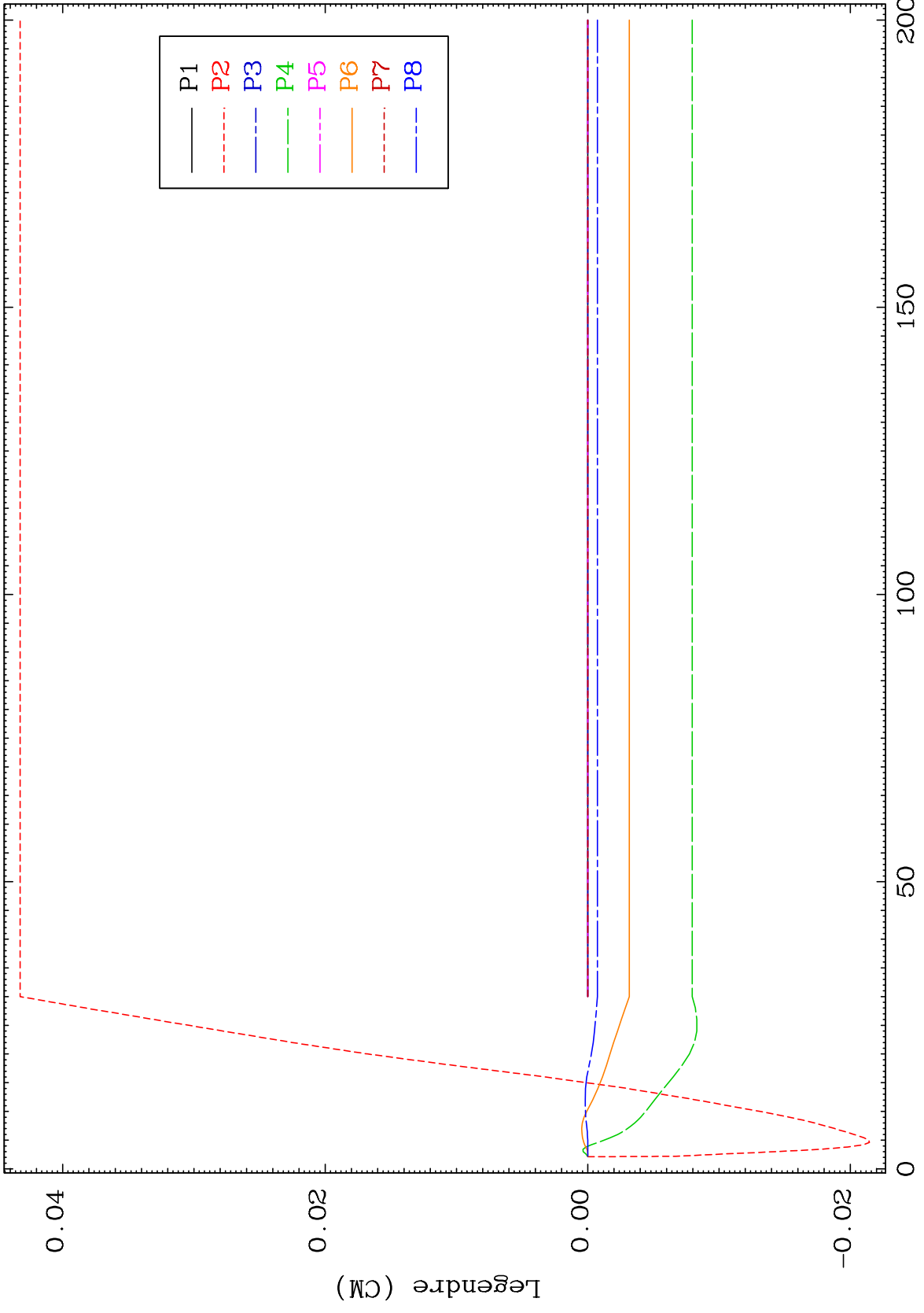
78 50 100 150 200 39-Y -90

MAT 3928 MT= 68 (n,n') Level Legendre Coefficients 39-Y -90



79 39-Y -90

MAT 3928 MT= 69 (n,n') Level Legendre Coefficients 39-Y -90

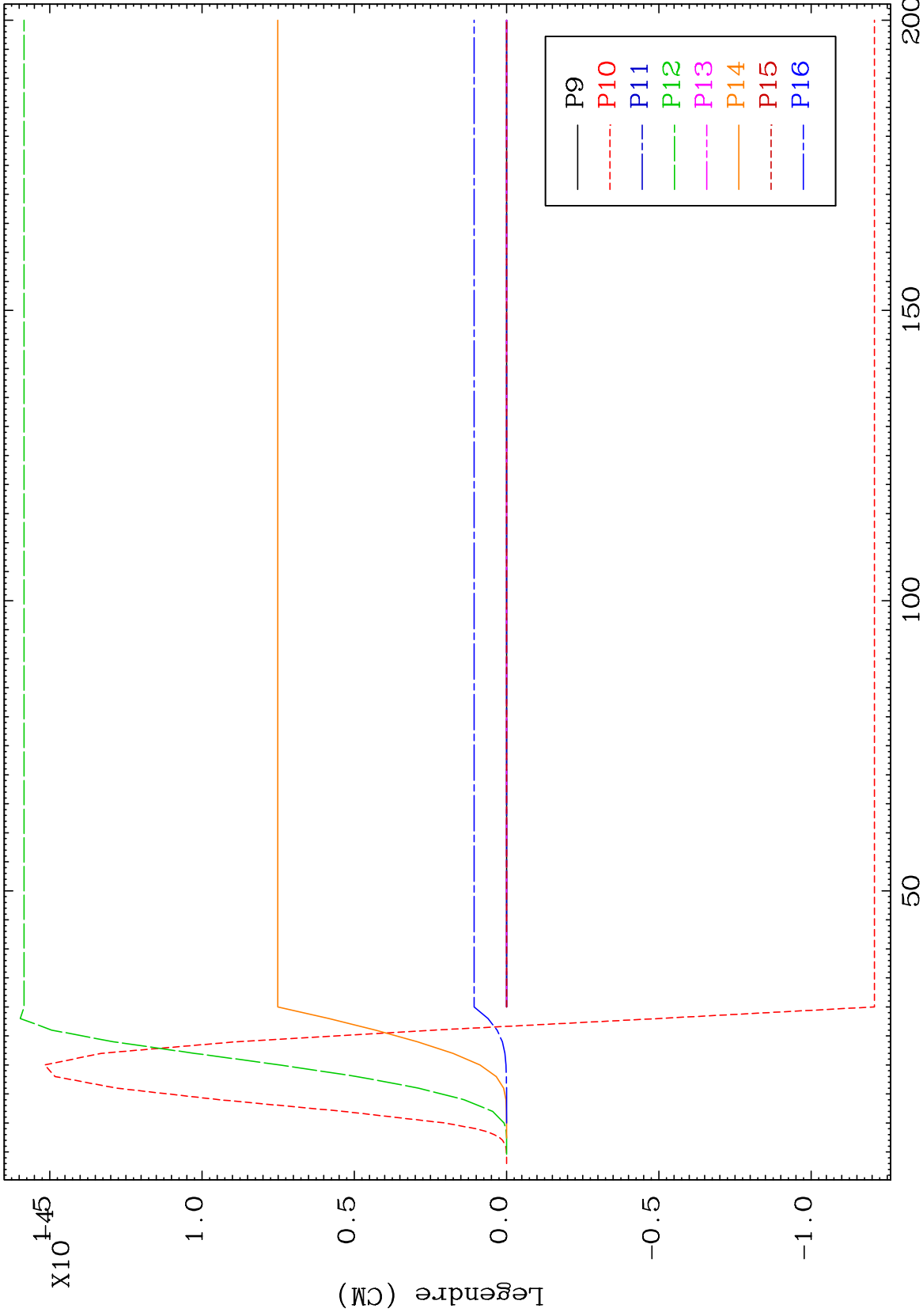


Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90

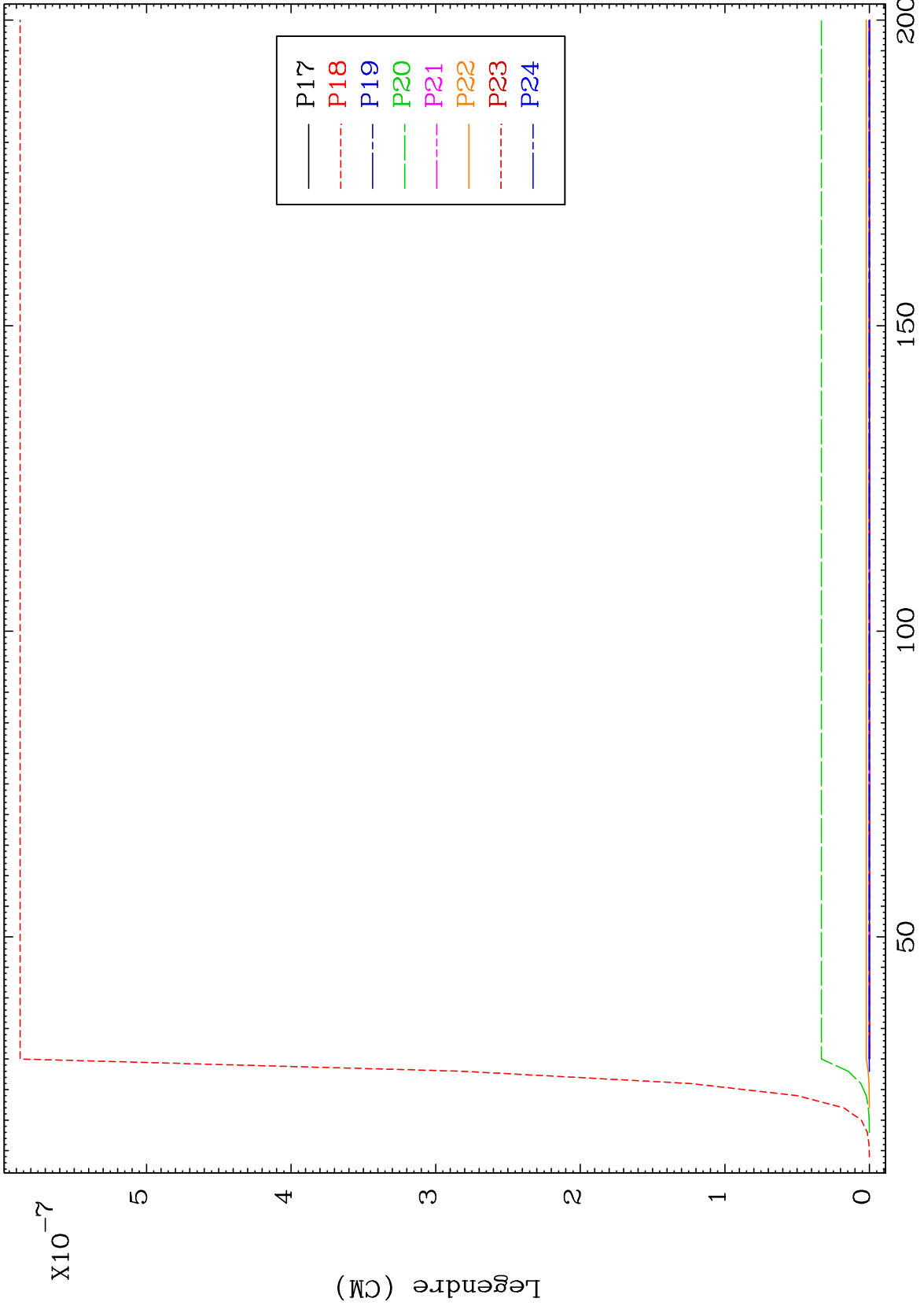


81

Incident Energy (MeV)

39-Y -90

MAT 3928 MT= 69 (n,n') Level Legendre Coefficients 39-Y -90

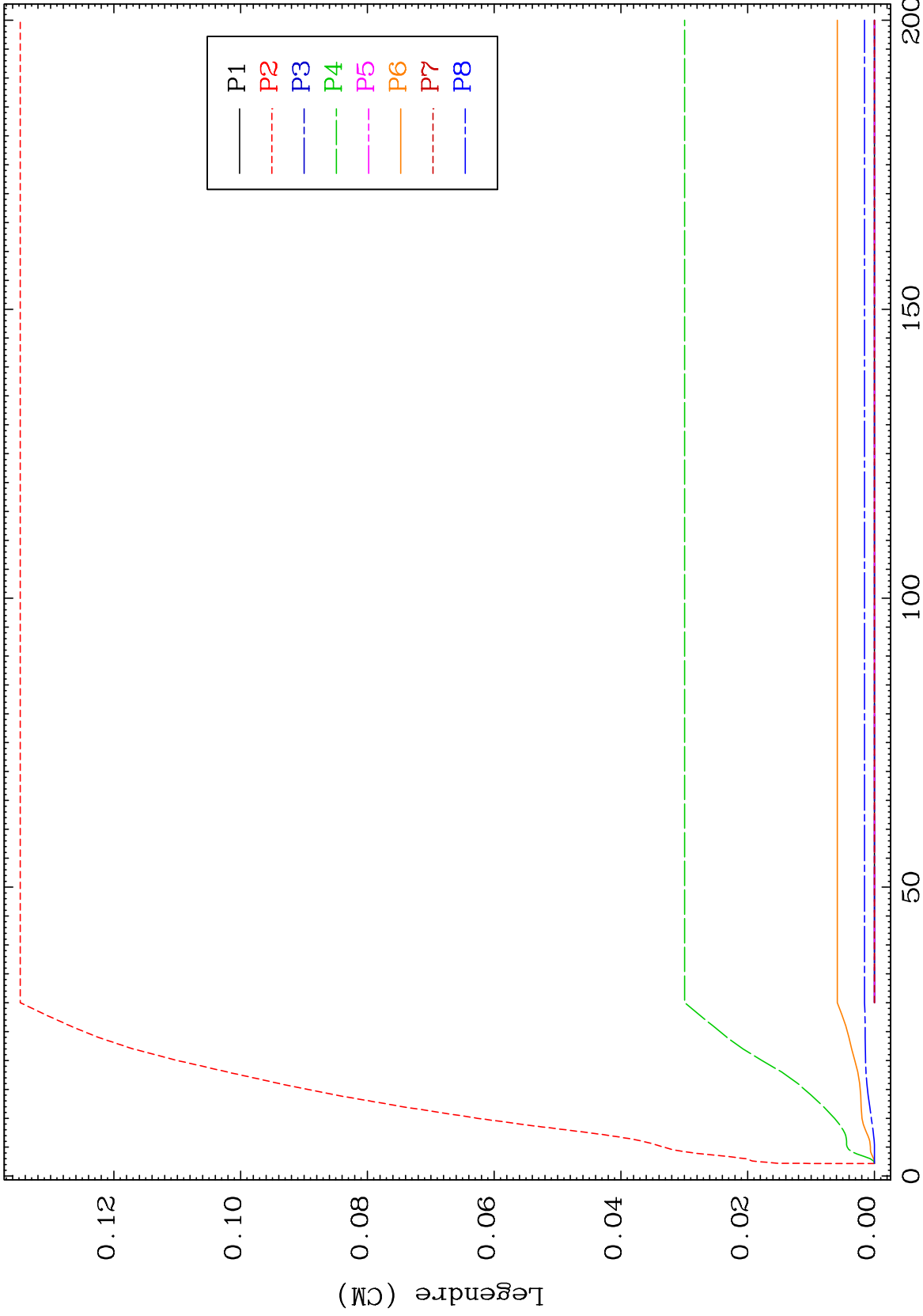


82 39-Y -90

MAT 3928

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

39-Y -90

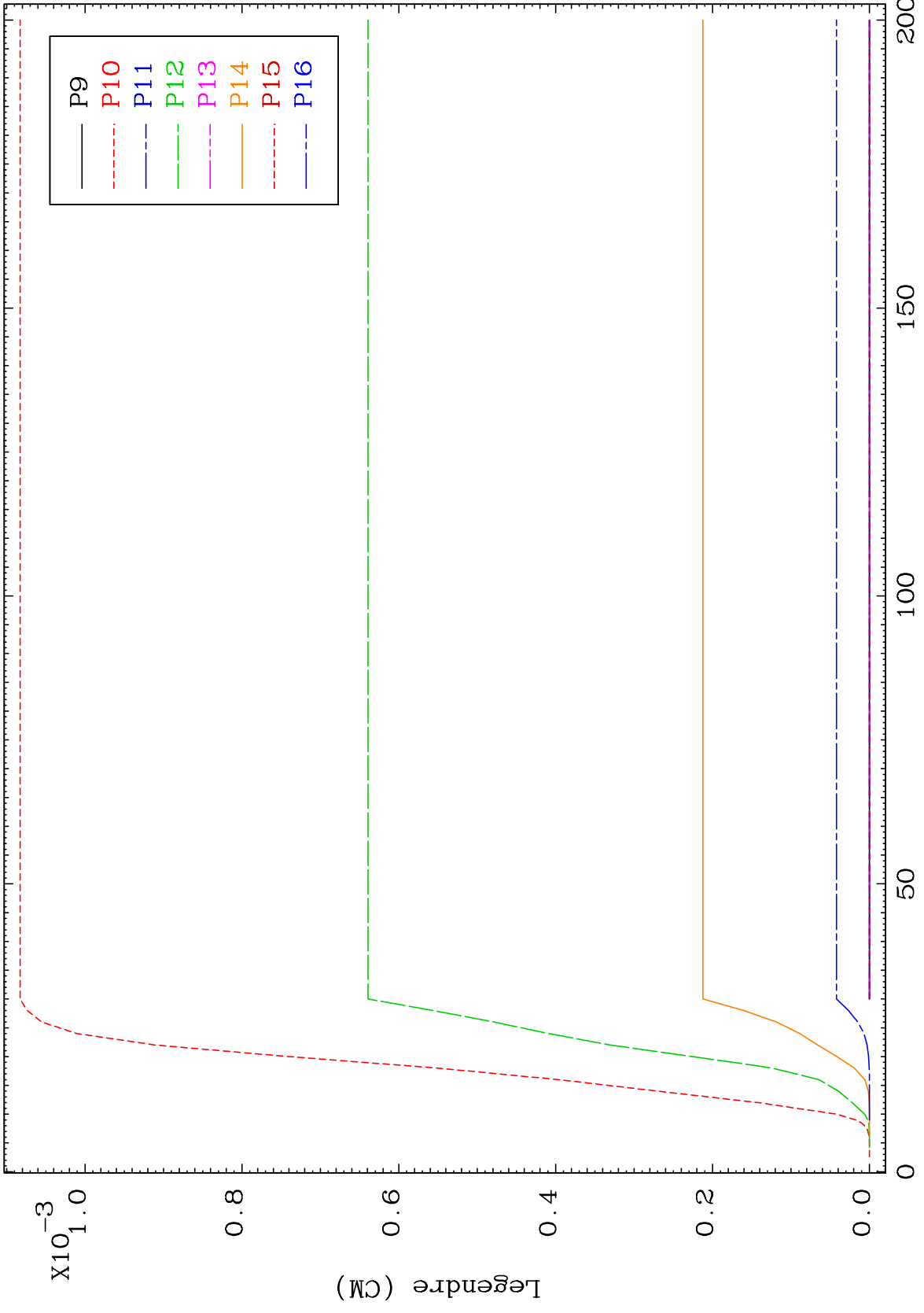


83

Incident Energy (MeV)

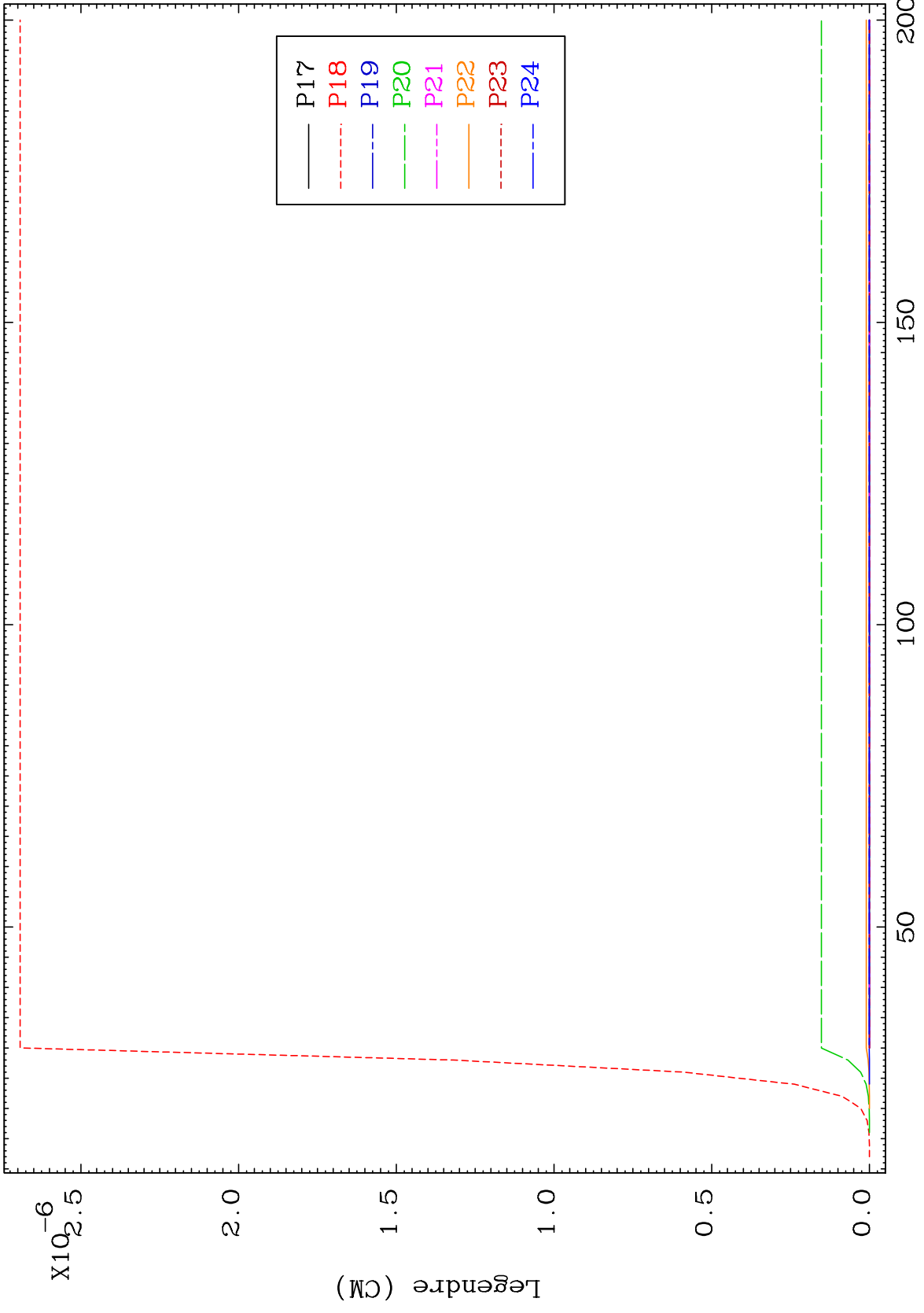
39-Y -90

MAT 3928 MT= 70 (n,n') Level Legendre Coefficients 39-Y -90



84 39-Y -90

MAT 3928 MT= 70 (n,n') Level Legendre Coefficients 39-Y -90

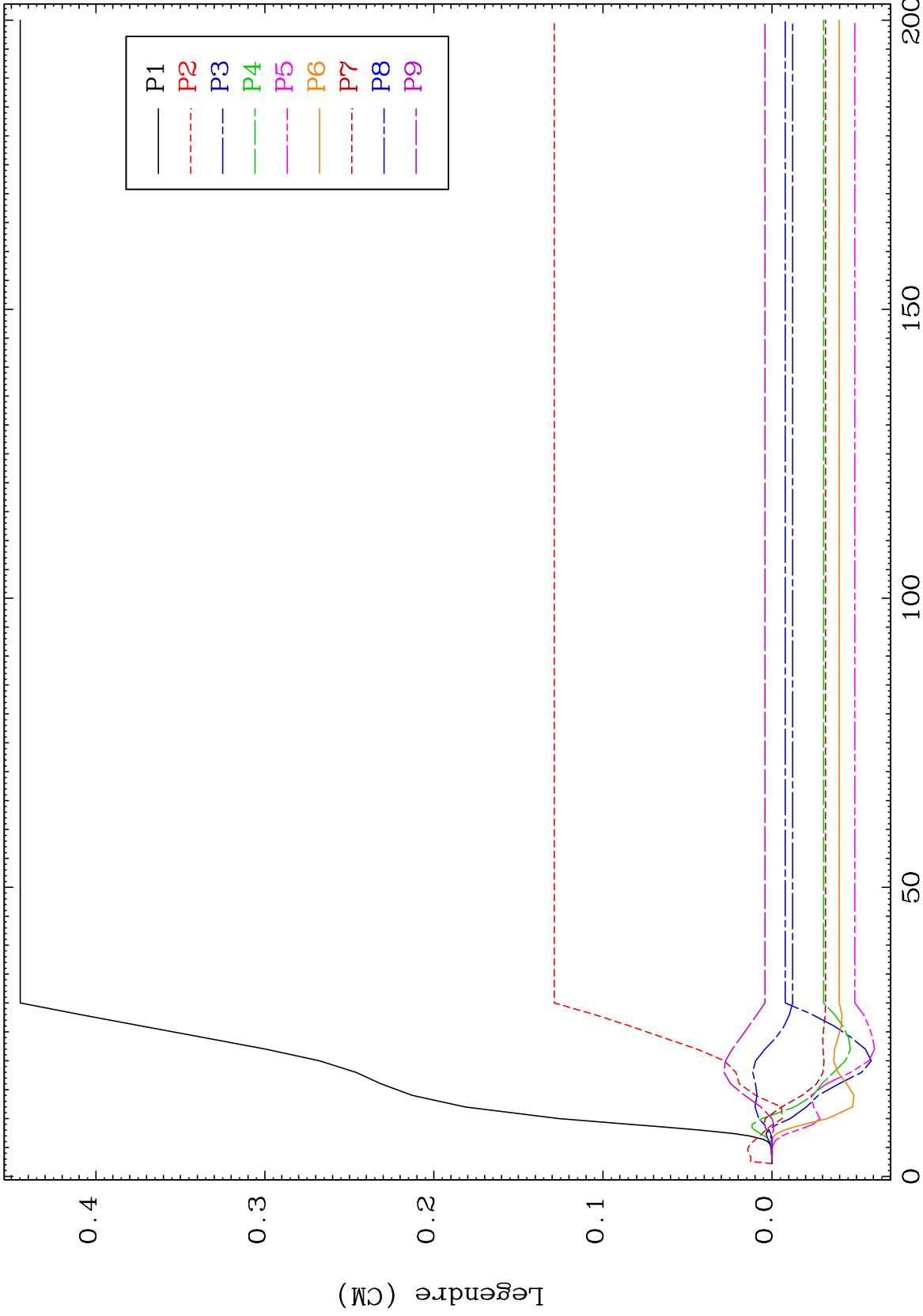


85 Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90



86

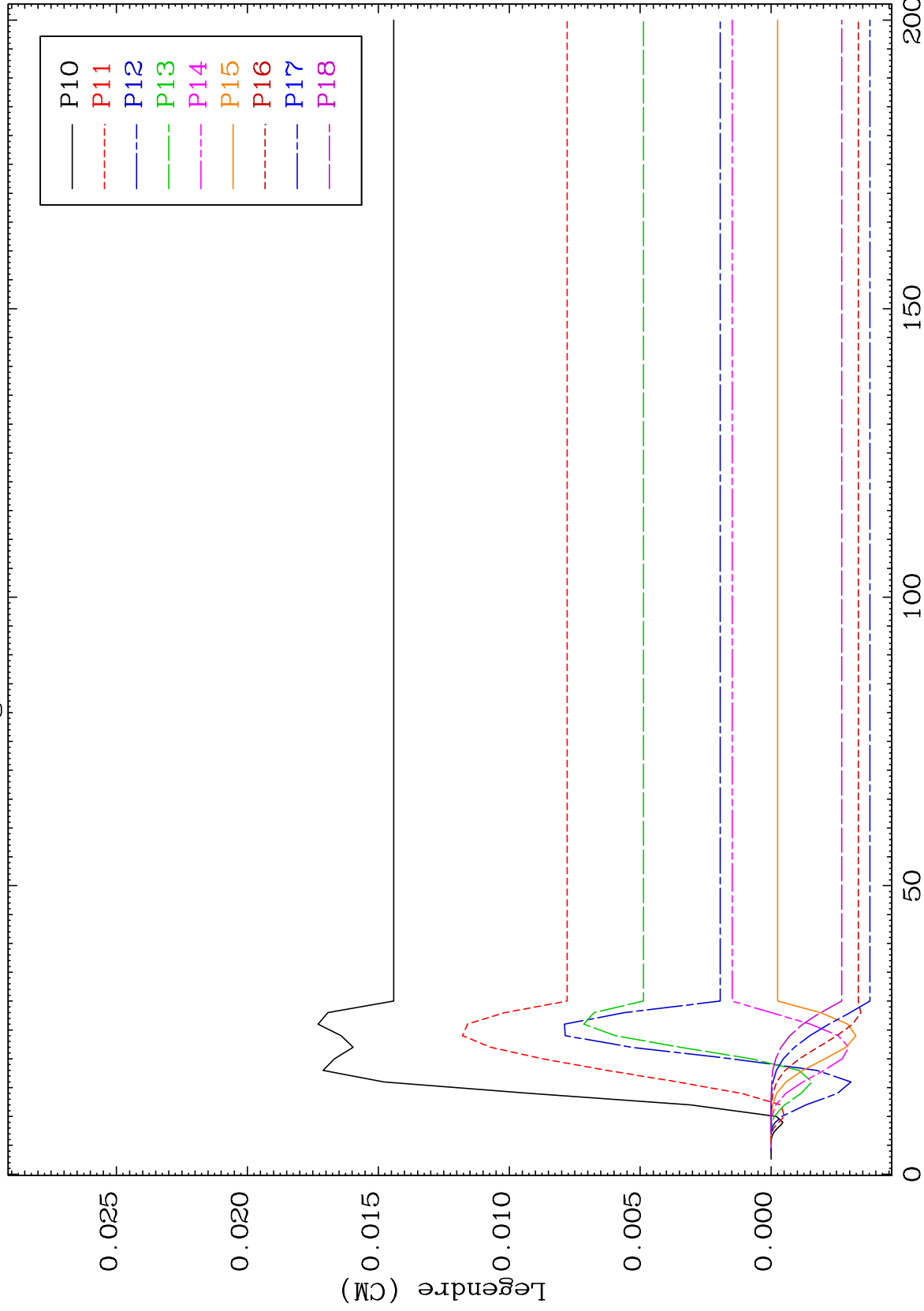
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90

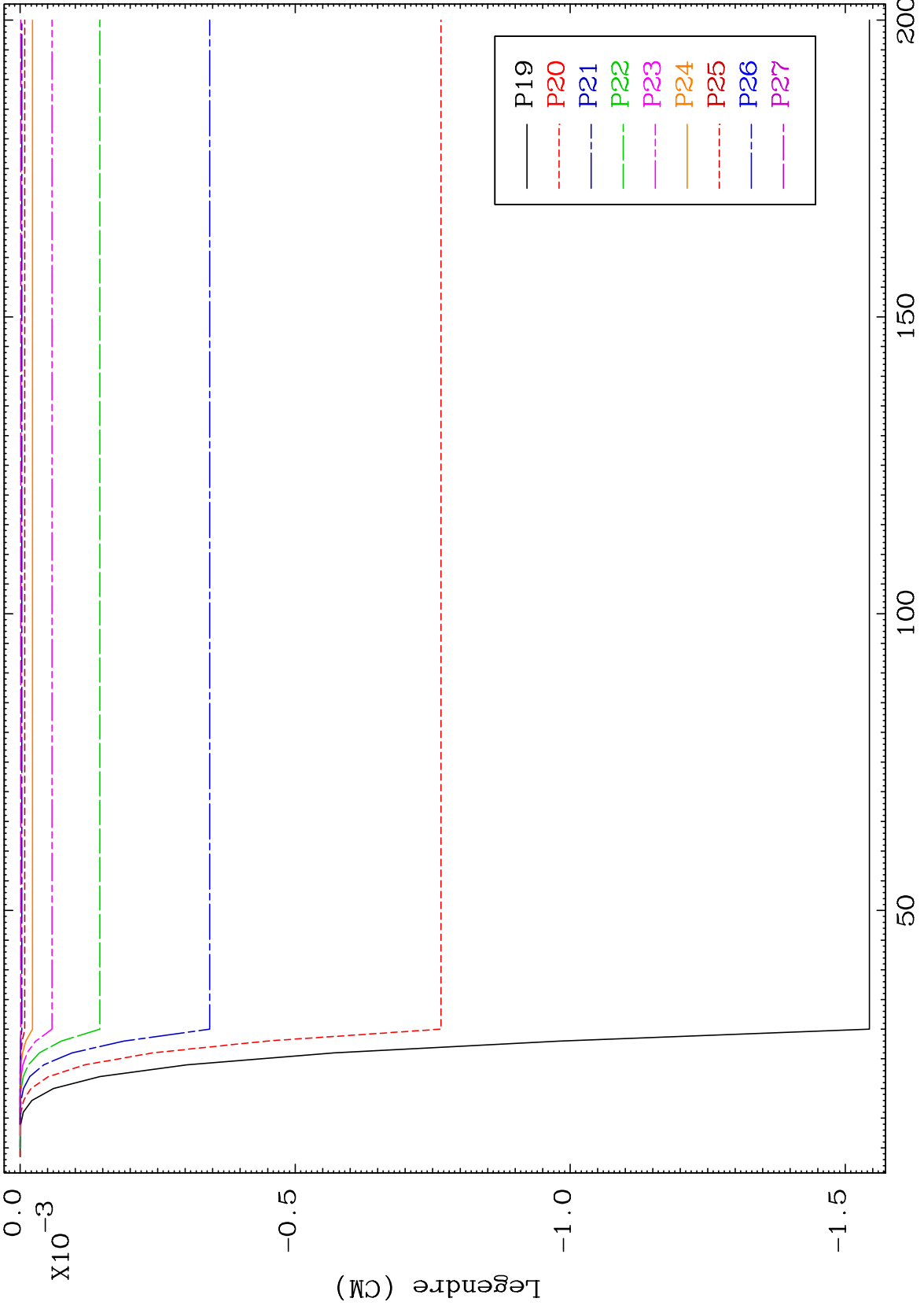


87

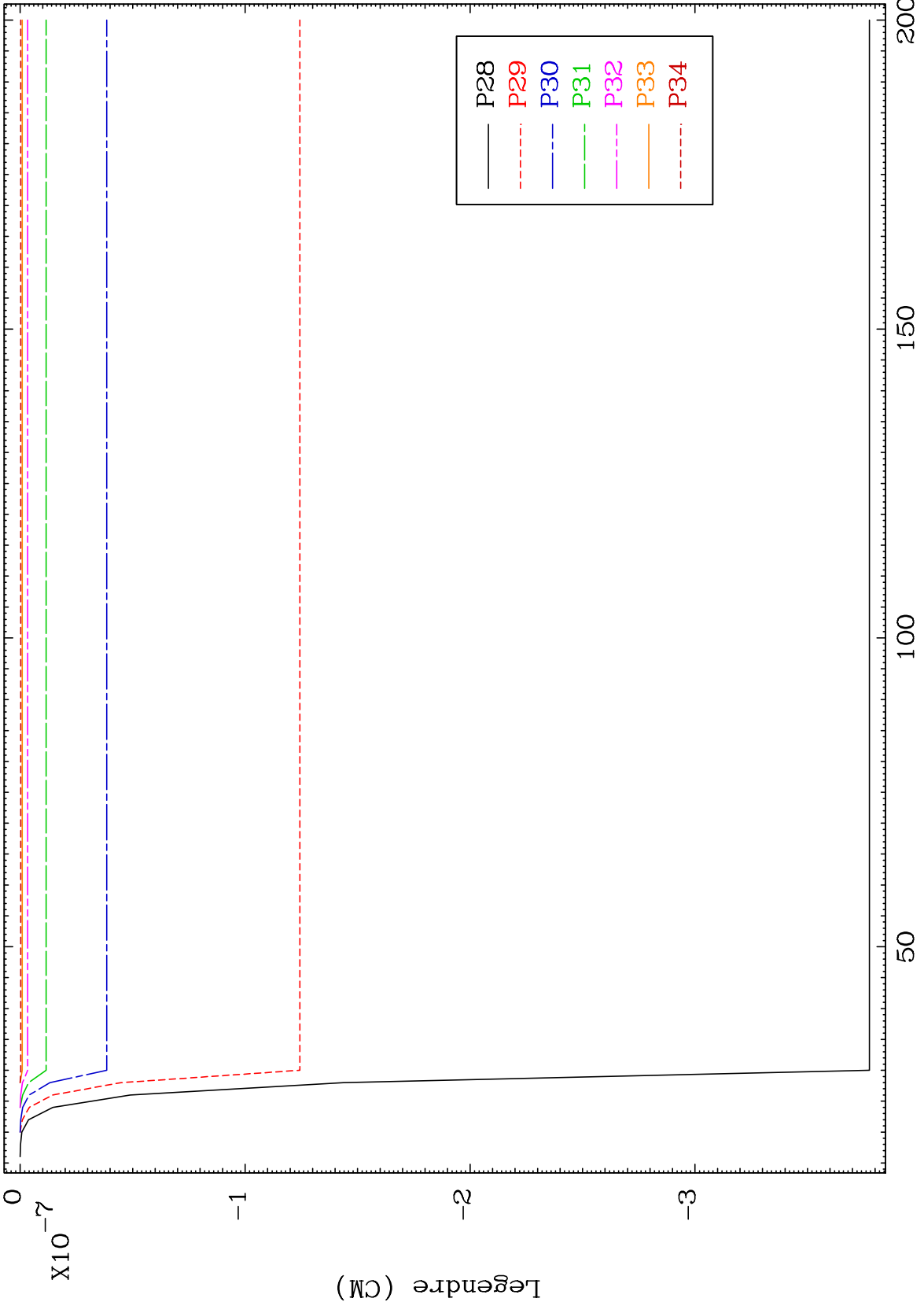
Incident Energy (MeV)

39-Y -90

MAT 3928 MT= 71 (n,n') Level Legendre Coefficients 39-Y -90



MAT 3928 MT= 71 (n,n') Level Legendre Coefficients 39-Y -90

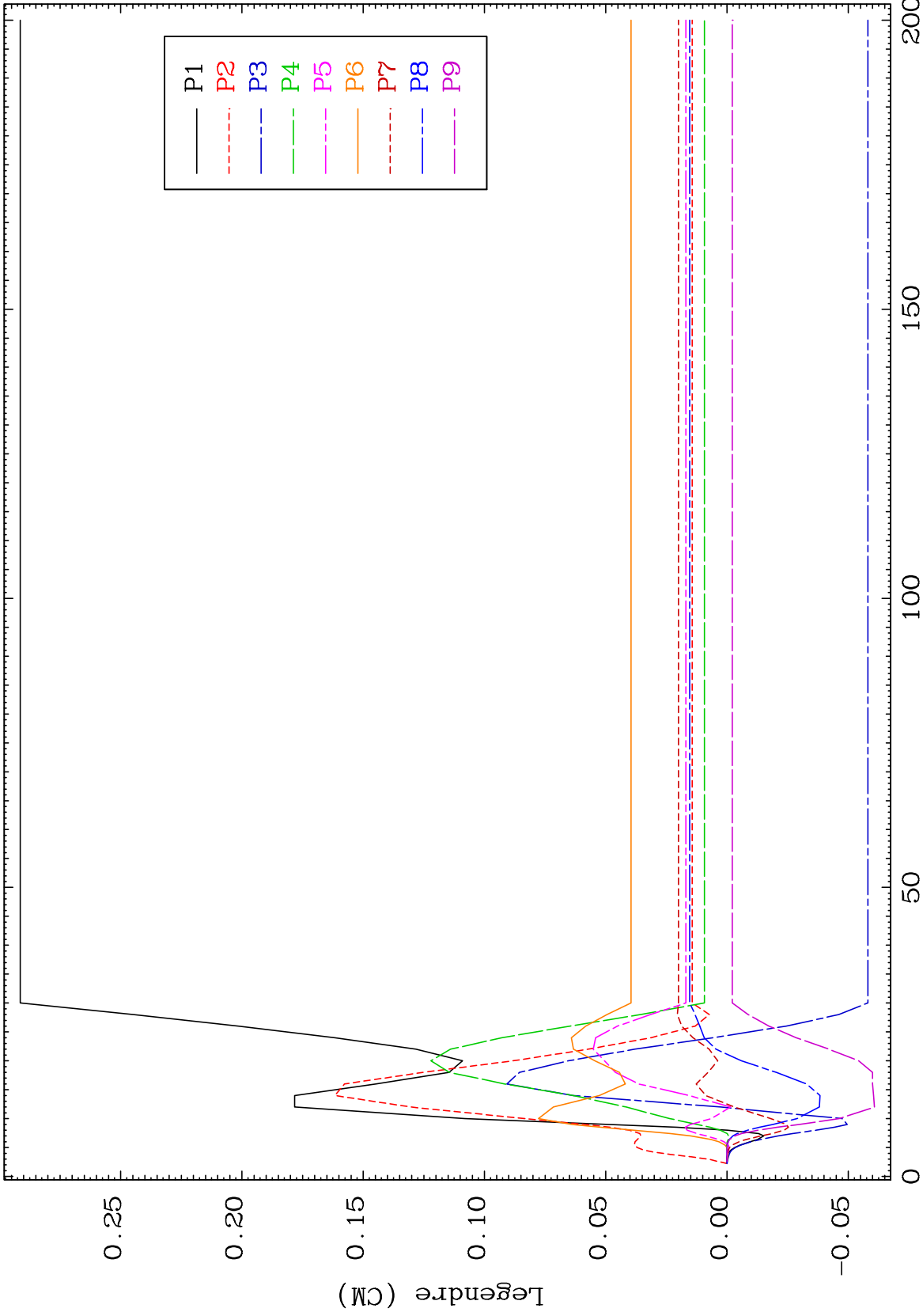


89 Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90

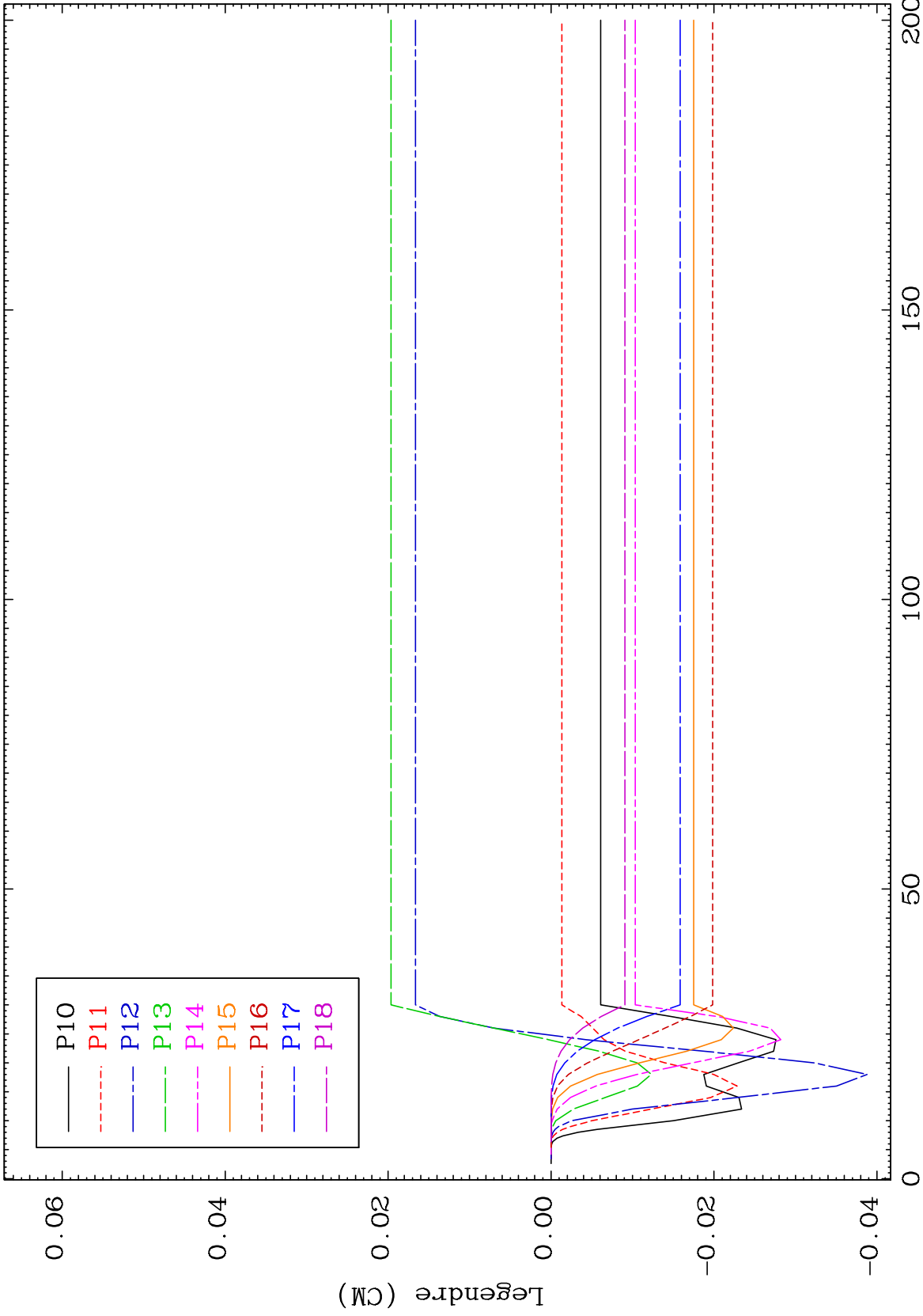


39-Y -90

MAT 3928

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

39-Y -90

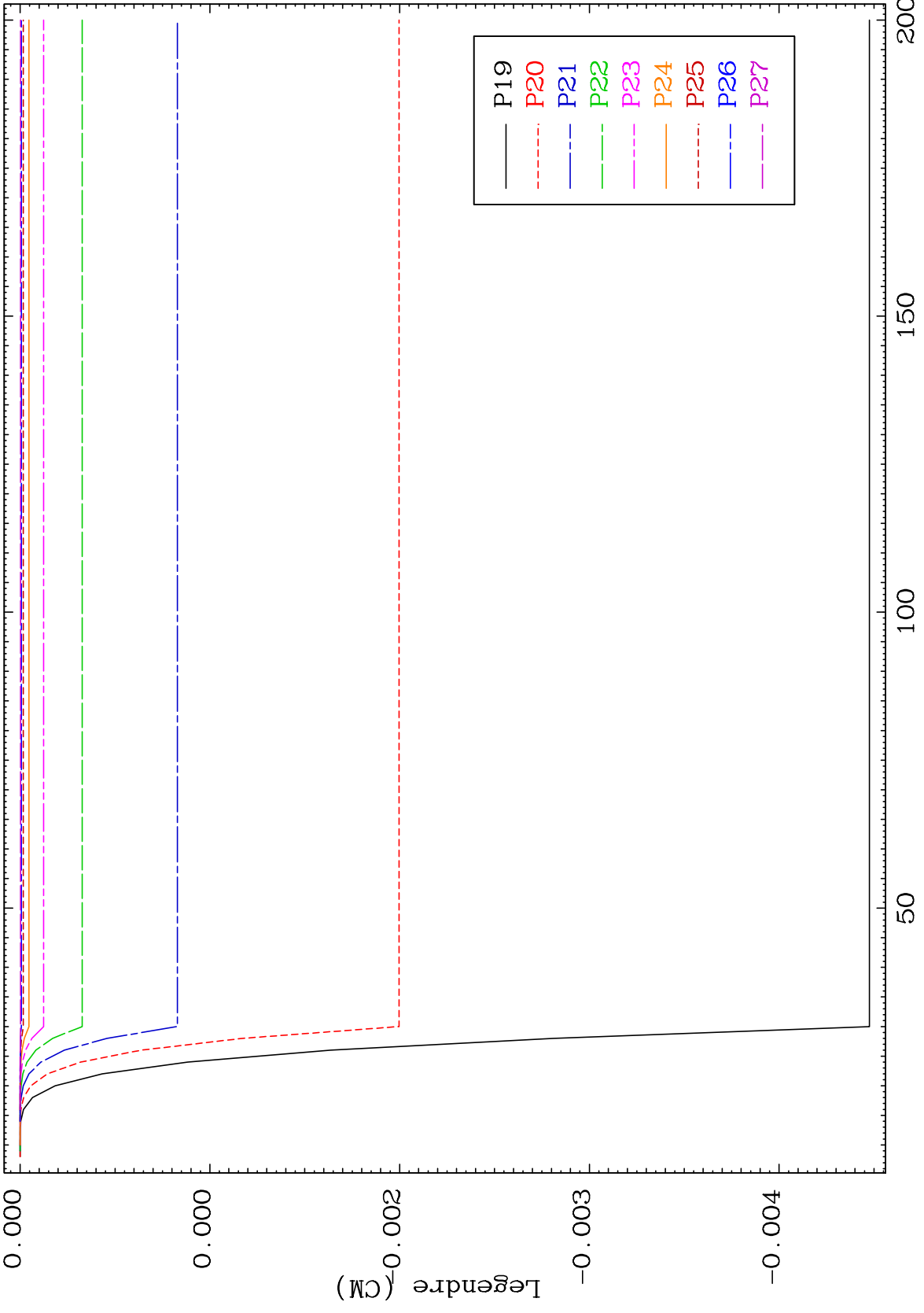


91

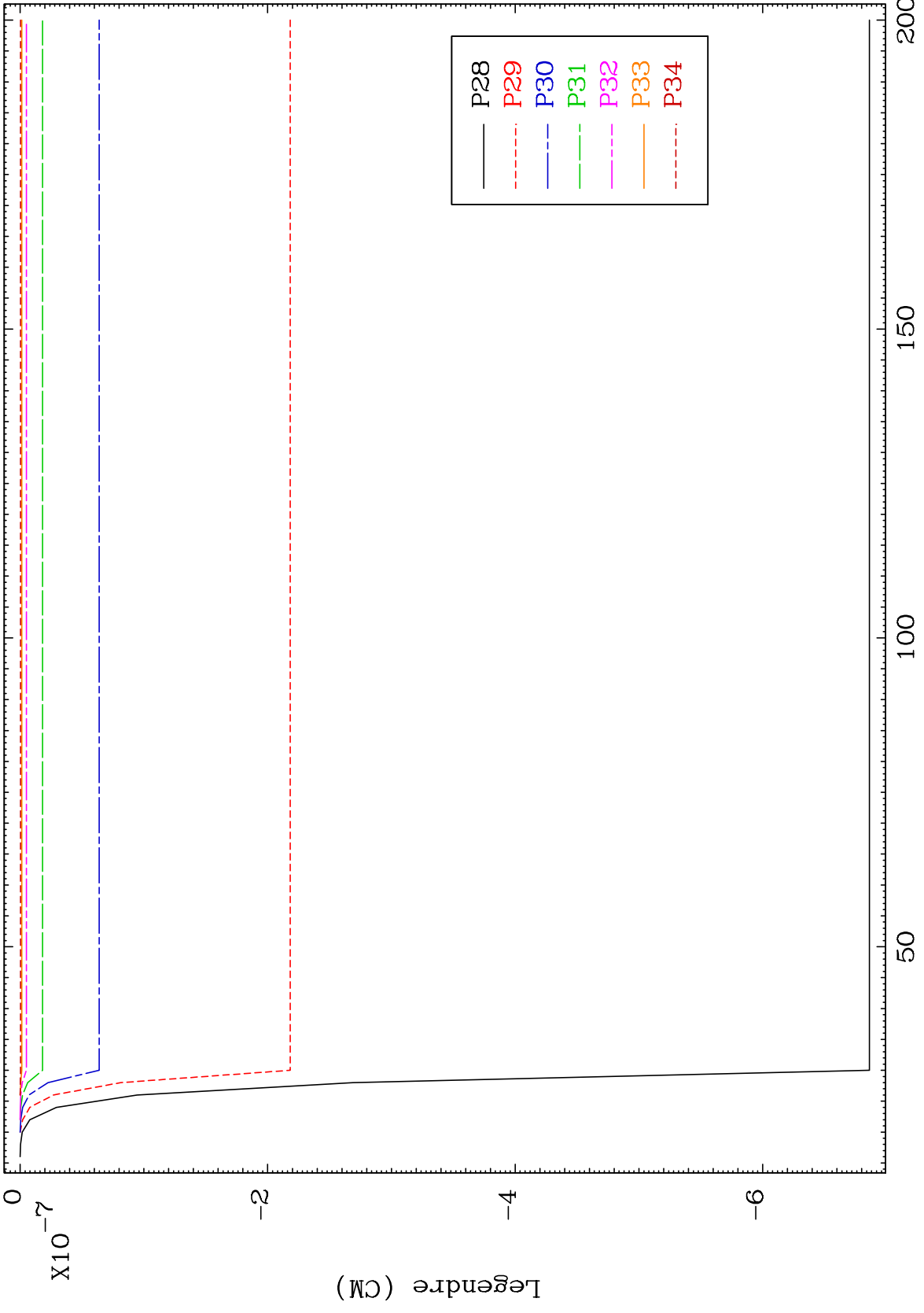
Incident Energy (MeV)

39-Y -90

MAT 3928 MT= 72 (n,n') Level Legendre Coefficients 39-Y -90



MAT 3928 MT= 72 (n,n') Level Legendre Coefficients 39-Y -90

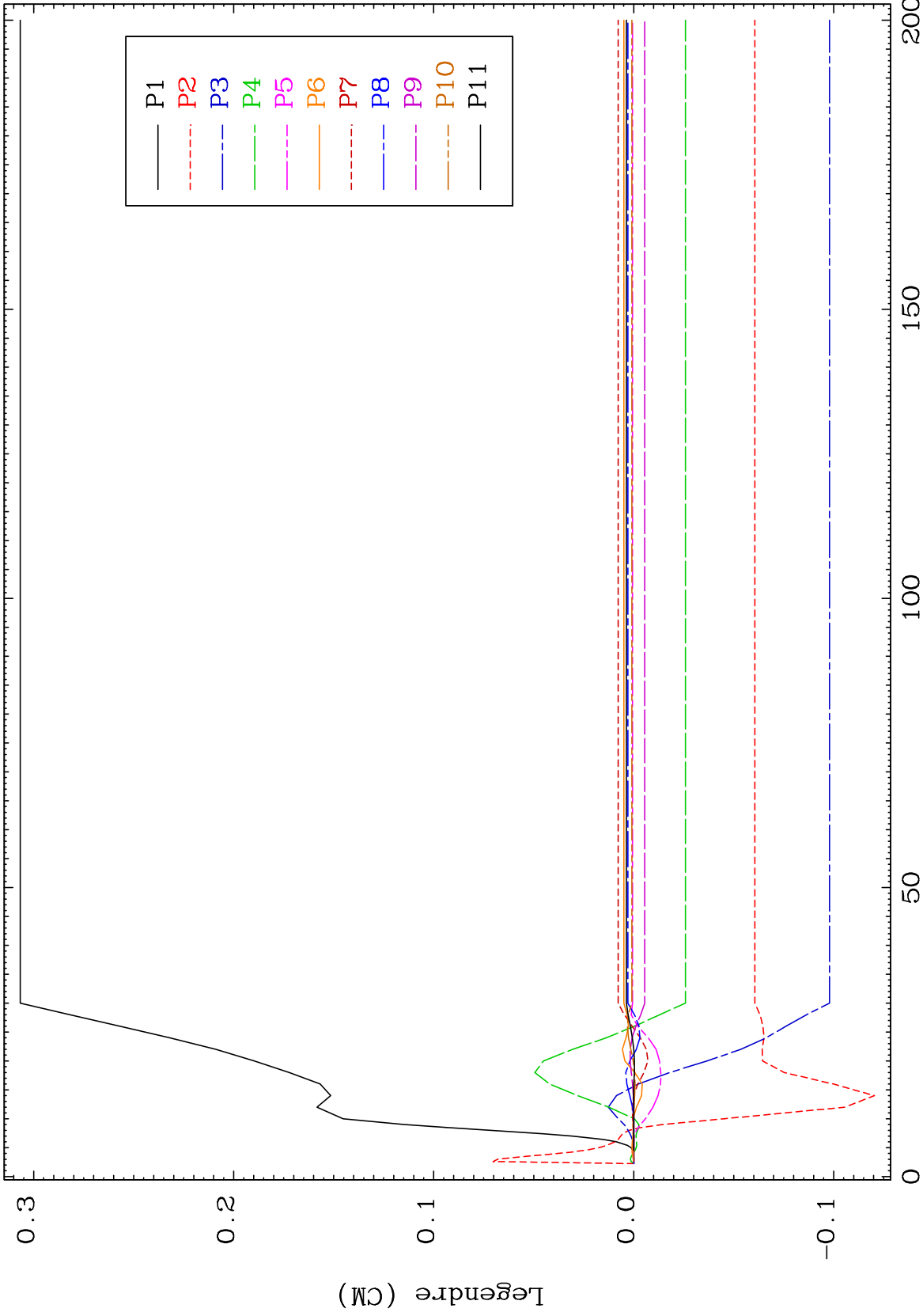


93 39-Y -90

MAT 3928

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

39-Y -90

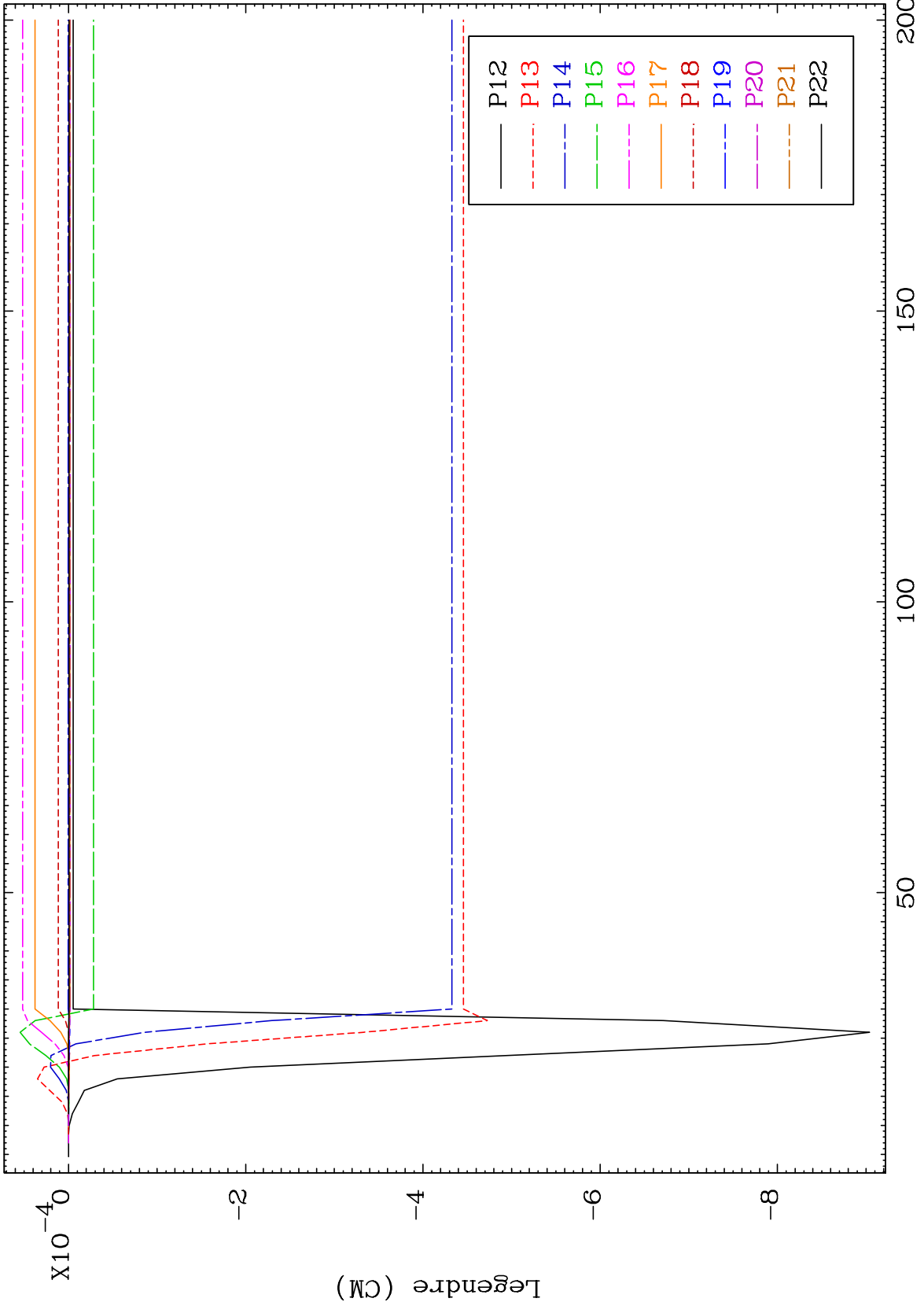


94

Incident Energy (MeV)

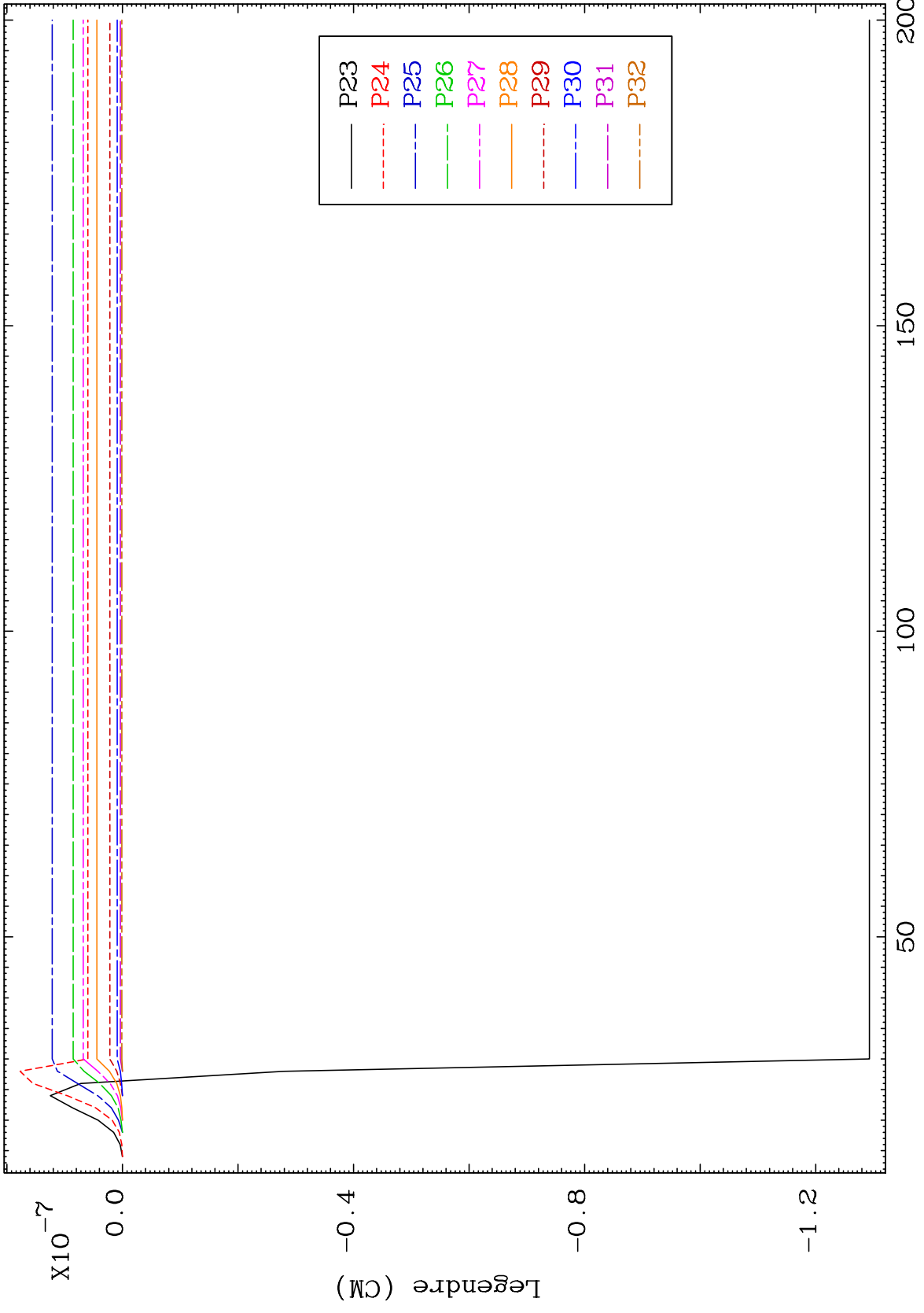
39-Y -90

MAT 3928 MT= 73 (n,n') Level Legendre Coefficients 39-Y -90



95 39-Y -90

MAT 3928 MT= 73 (n,n') Level Legendre Coefficients 39-Y -90



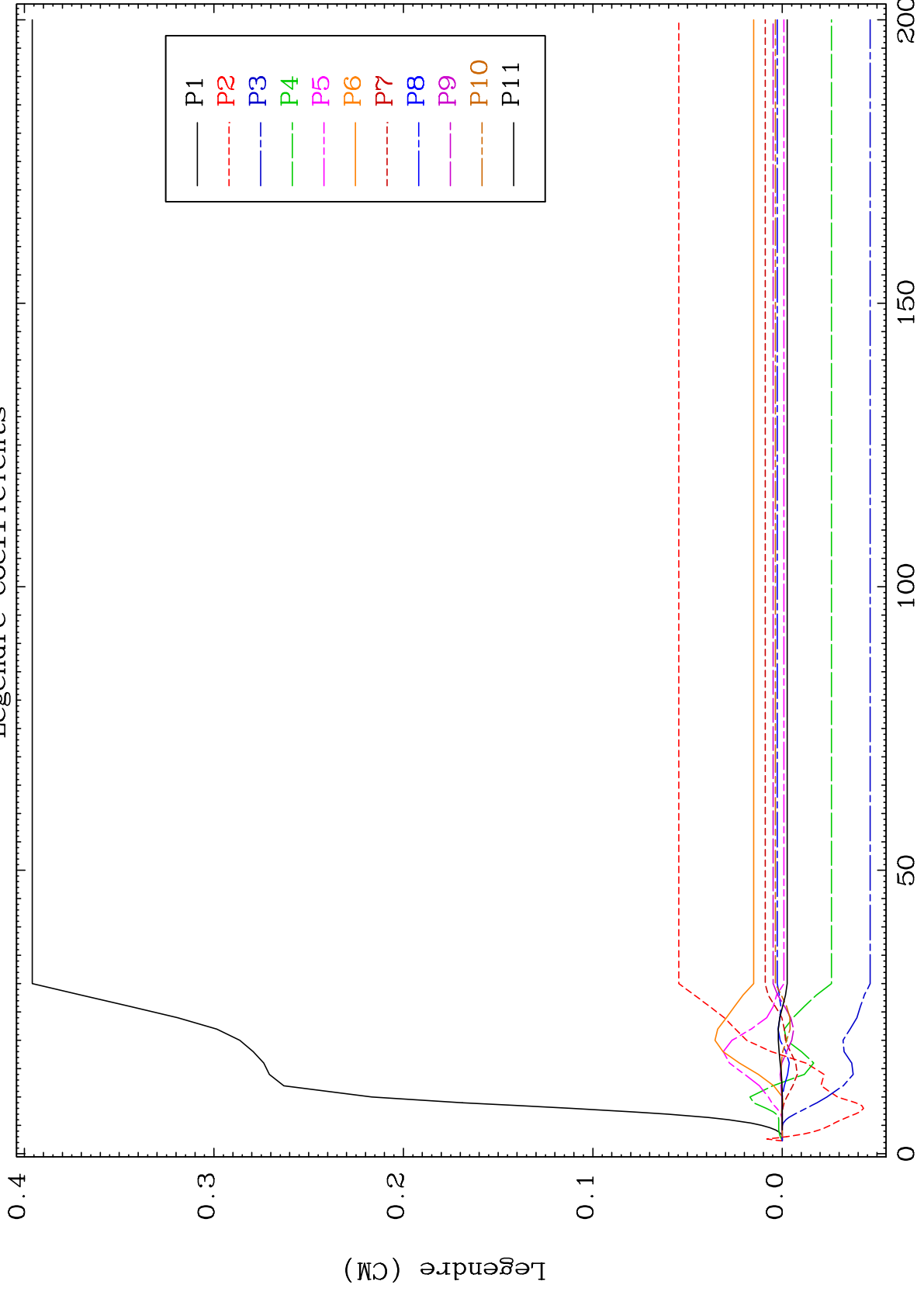
MAT 3928 MT= 74 (n,n') Level Legendre Coefficients

39-Y -90

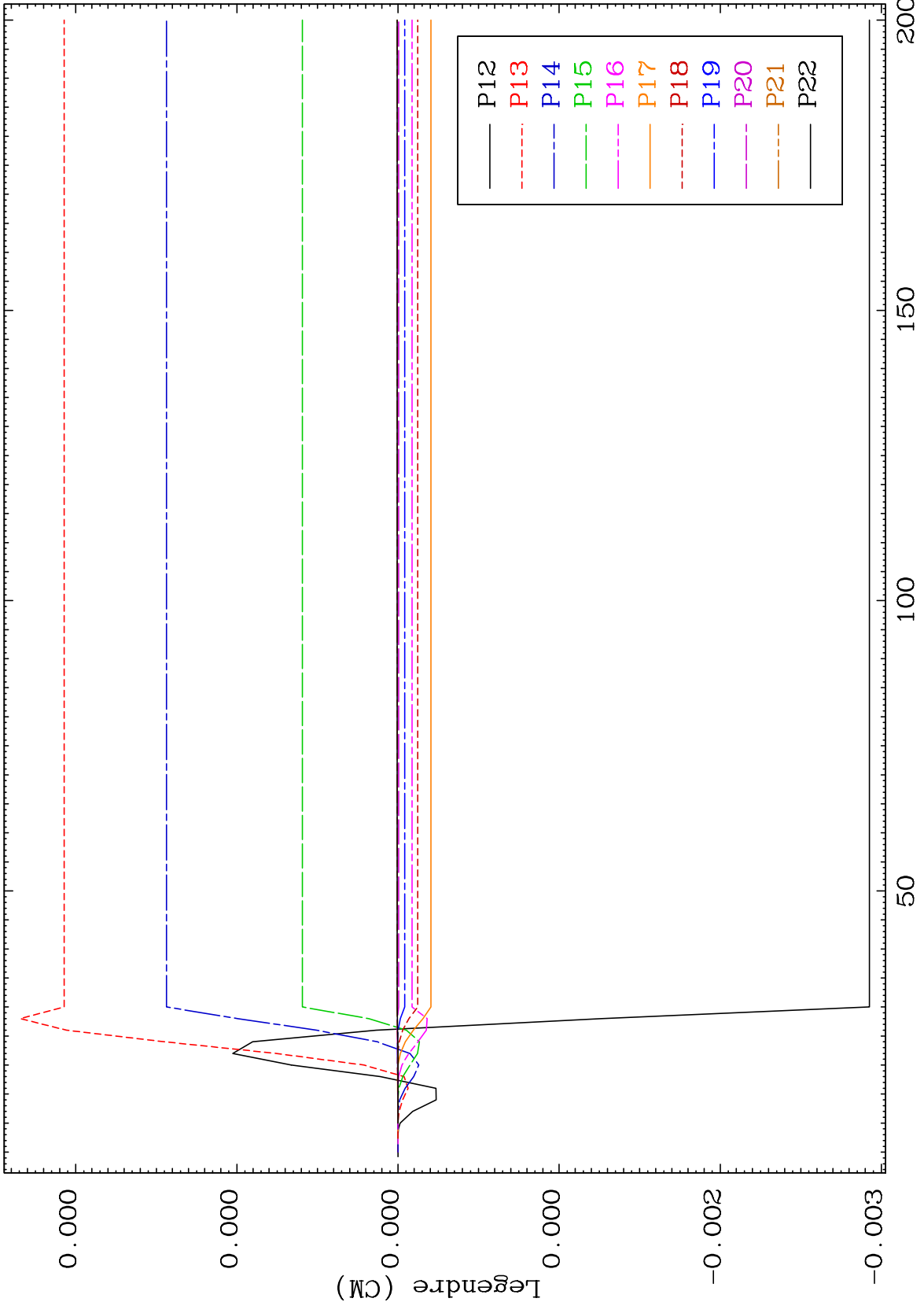
39-Y -90

Incident Energy (MeV)

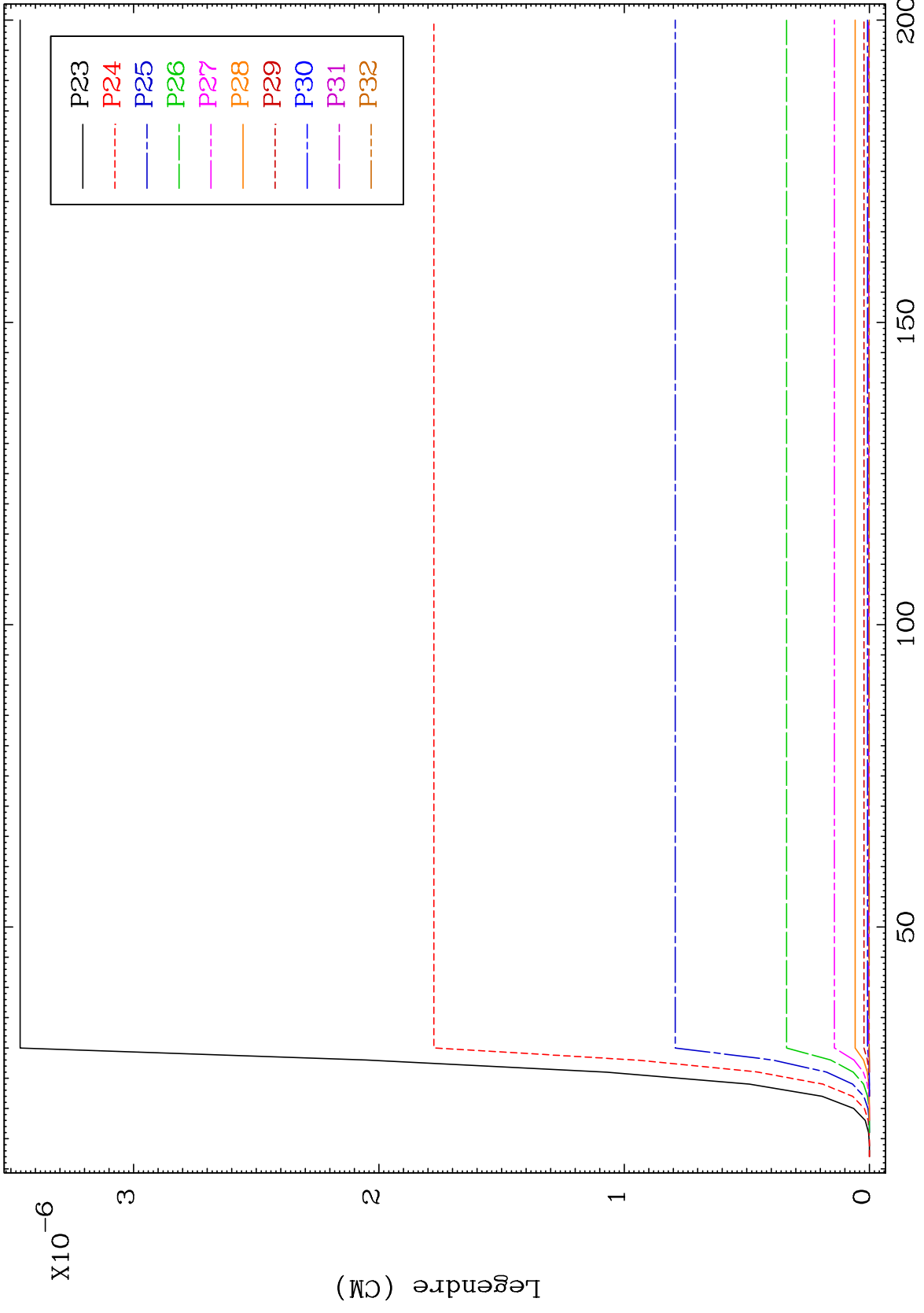
97



MAT 3928 MT= 74 (n,n') Level Legendre Coefficients 39-Y -90

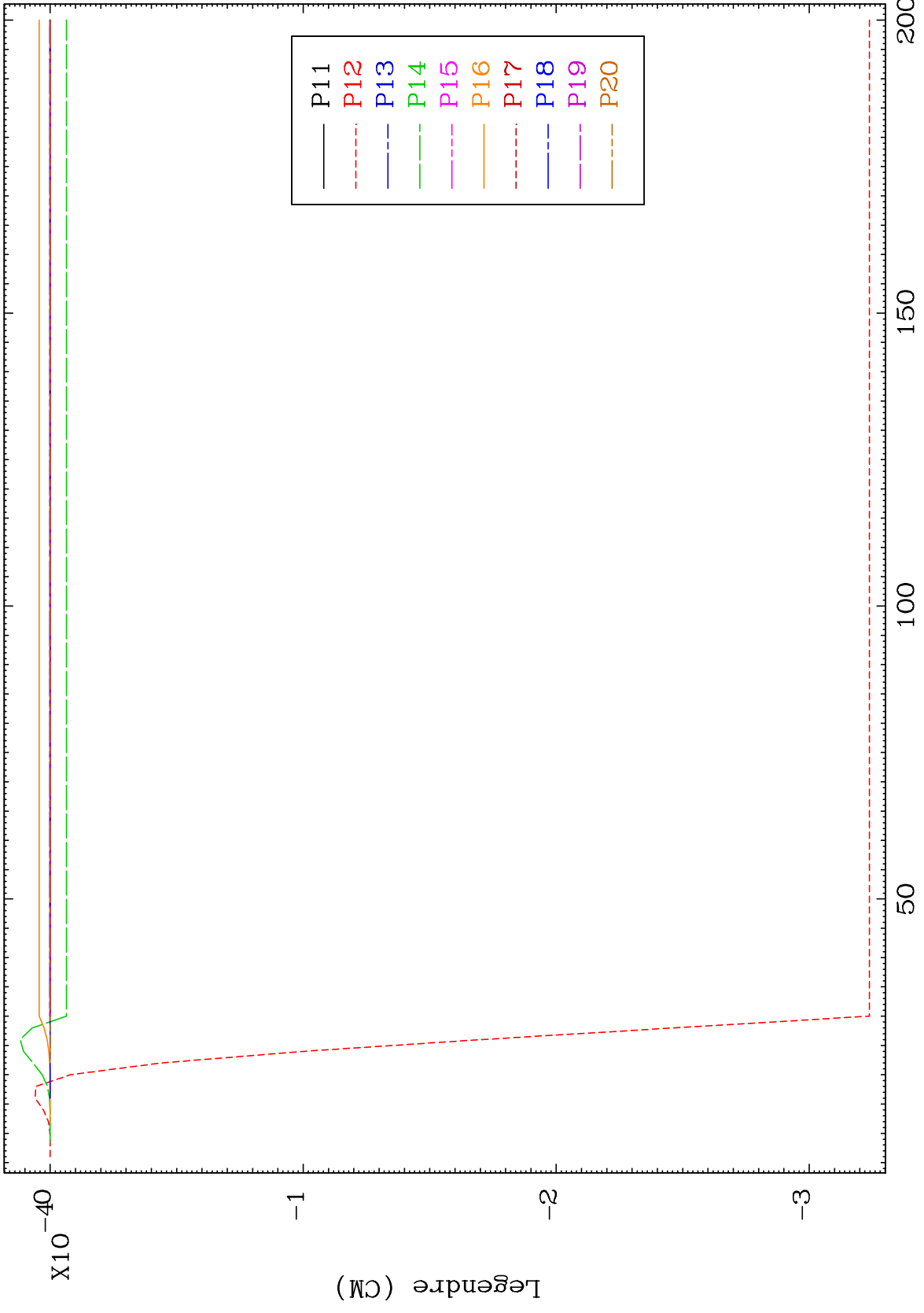


MAT 3928 MT= 74 (n,n') Level Legendre Coefficients 39-Y -90



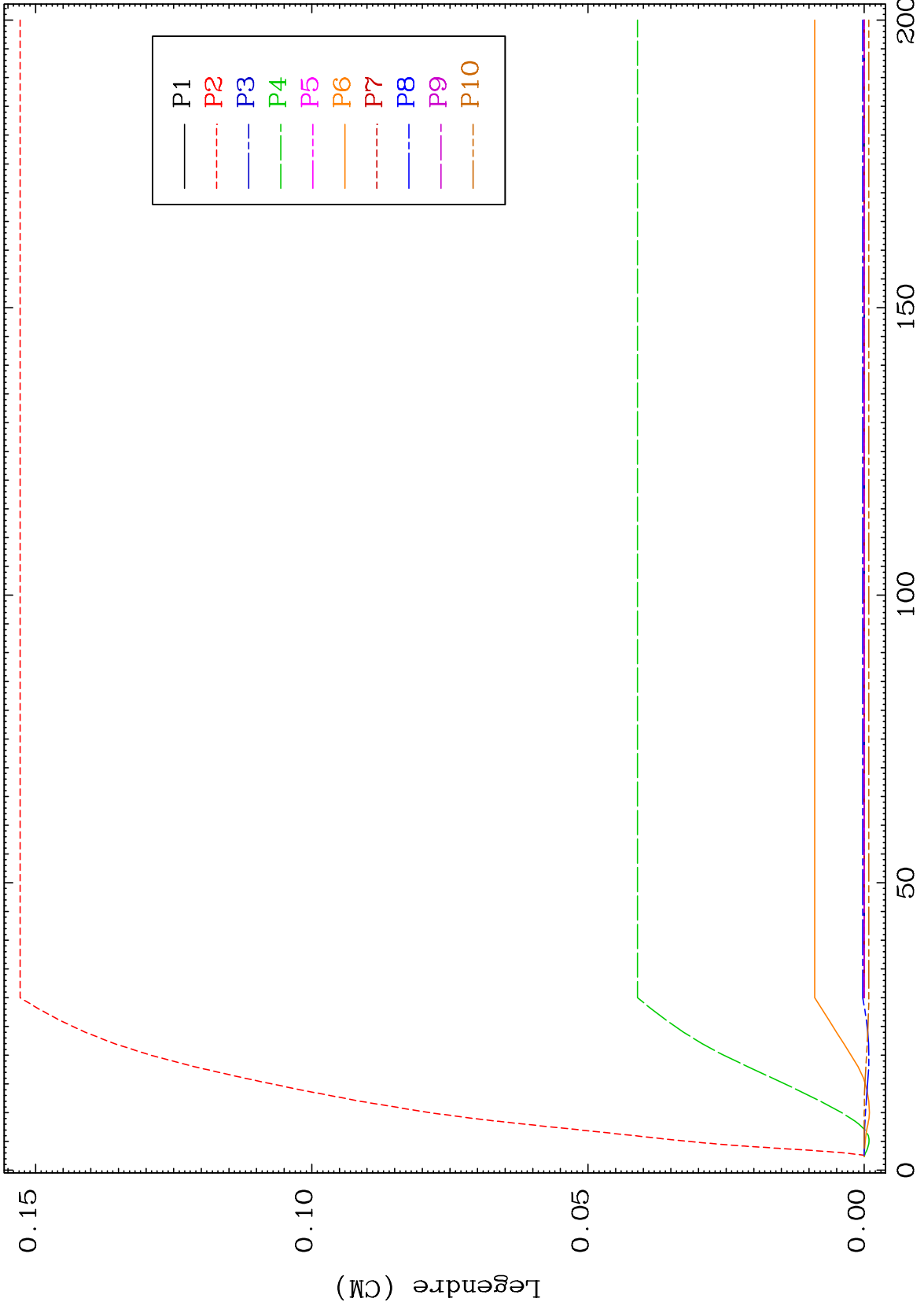
99 39-Y -90

MAT 3928 MT= 75 (n,n') Level Legendre Coefficients 39-Y -90



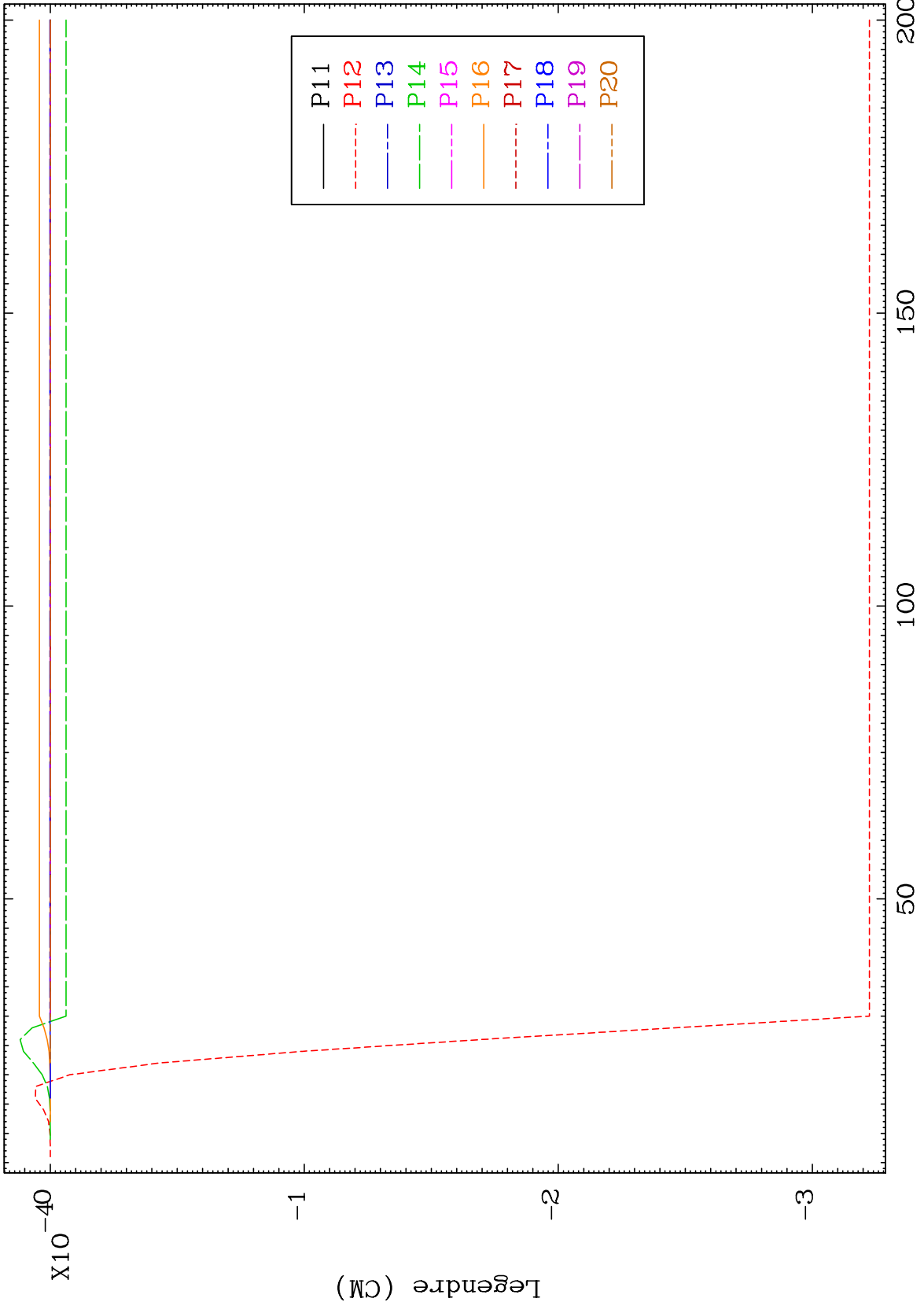
Legendre (CM) Incident Energy (MeV) 101 39-Y -90

MAT 3928 MT= 76 (n,n') Level Legendre Coefficients 39-Y -90



102 Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 76 (n,n') Level Legendre Coefficients 39-Y -90

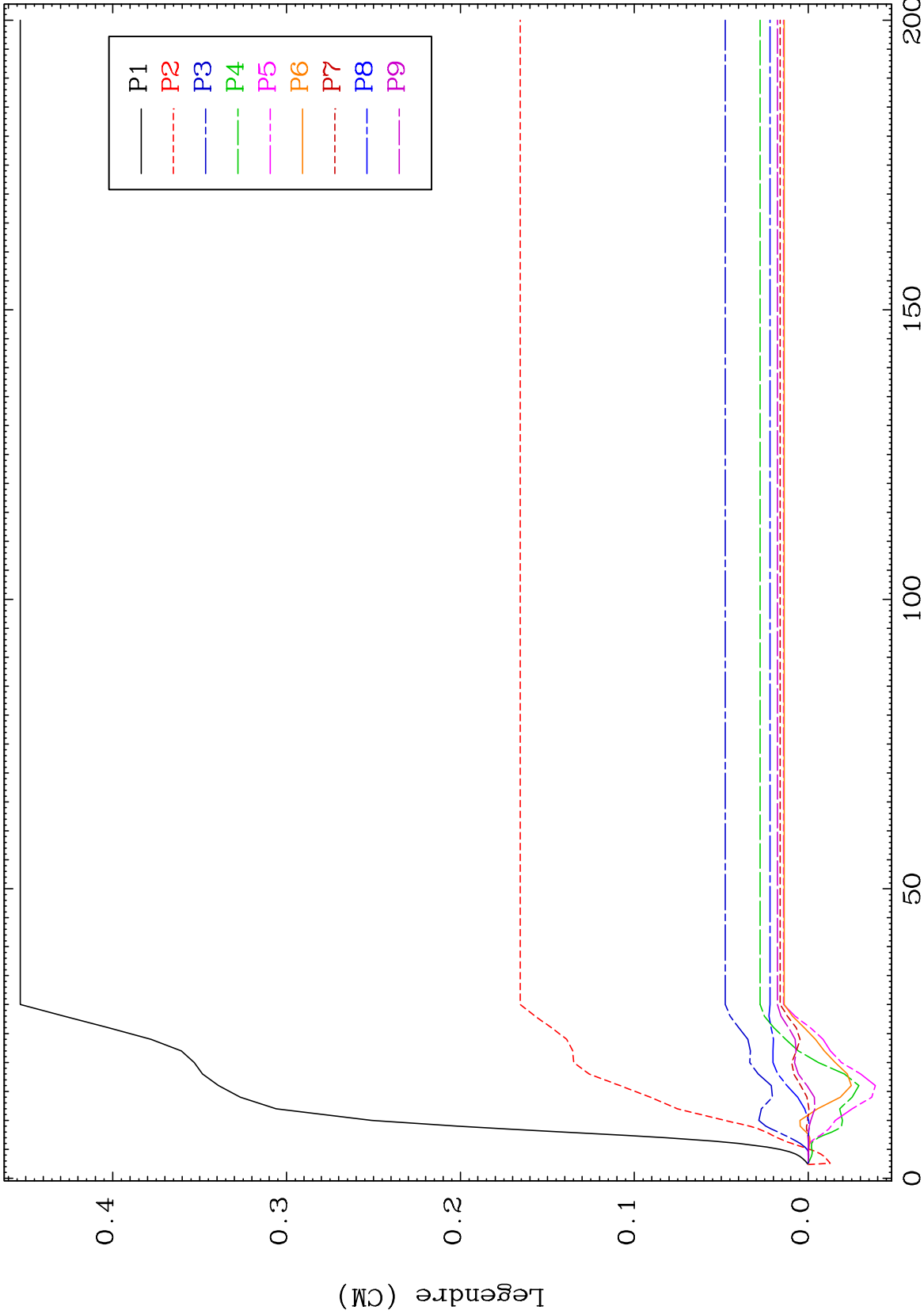


103 Incident Energy (MeV) 200 39-Y -90

MAT 3928

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

39-Y -90



104

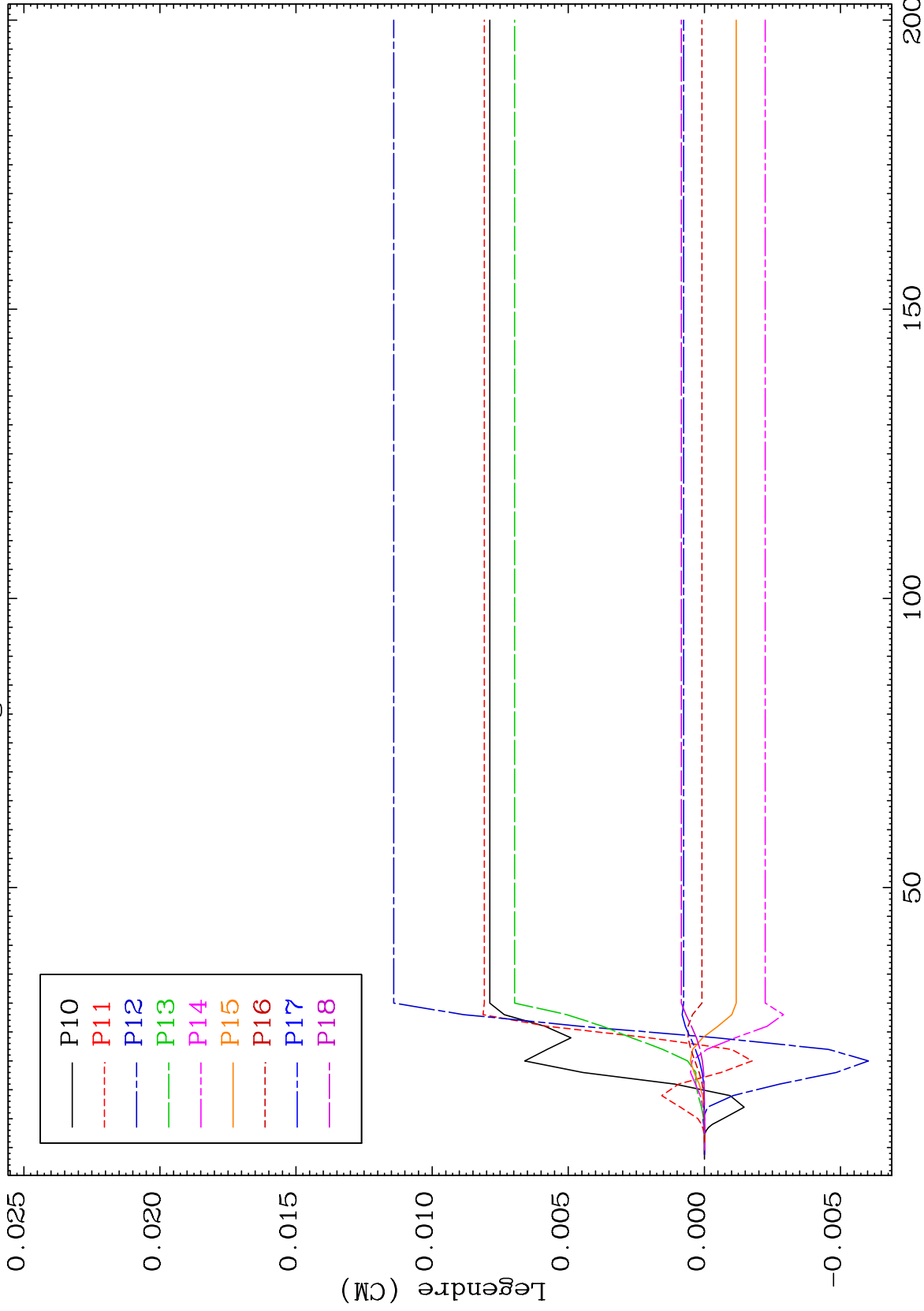
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



105

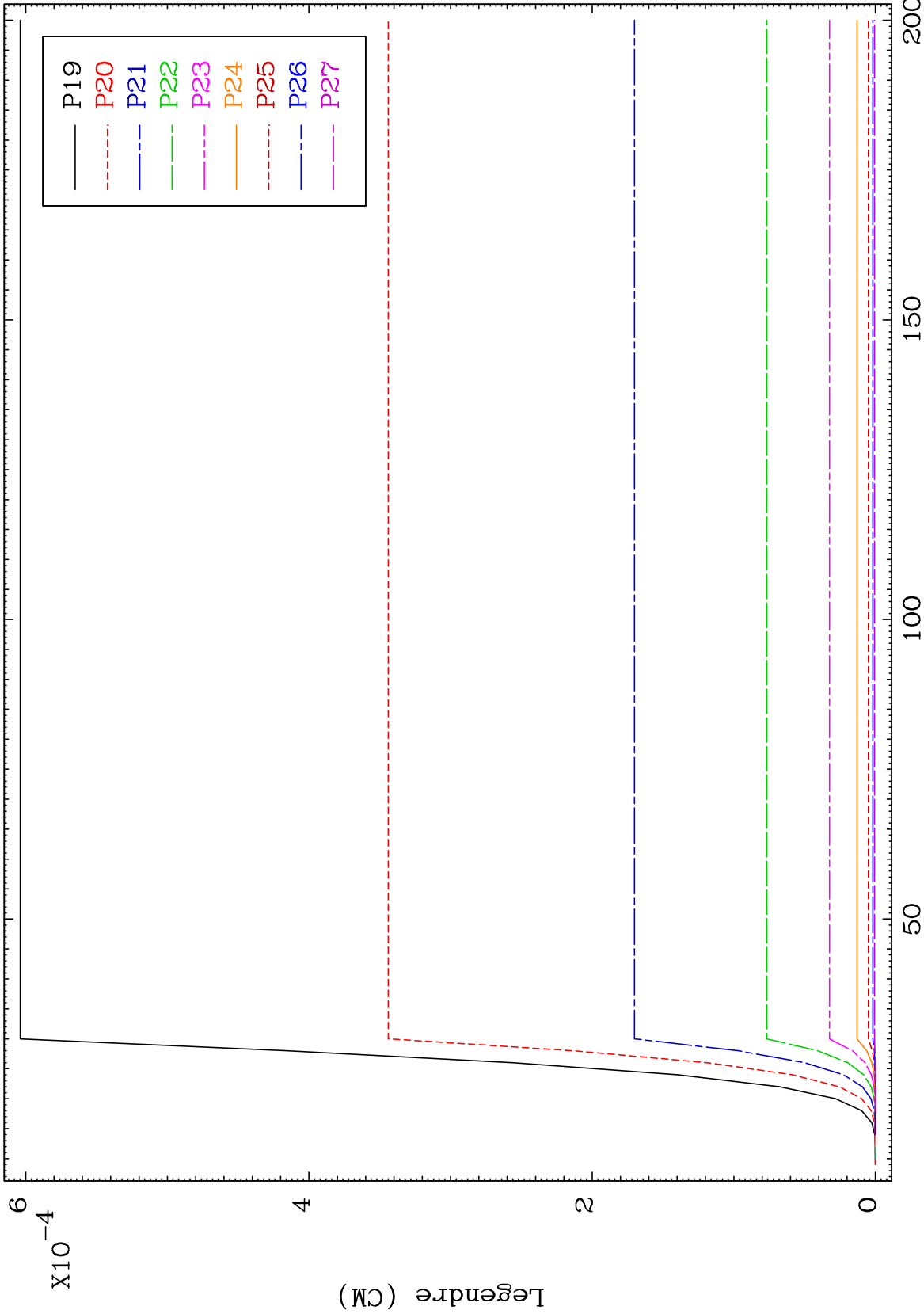
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



106

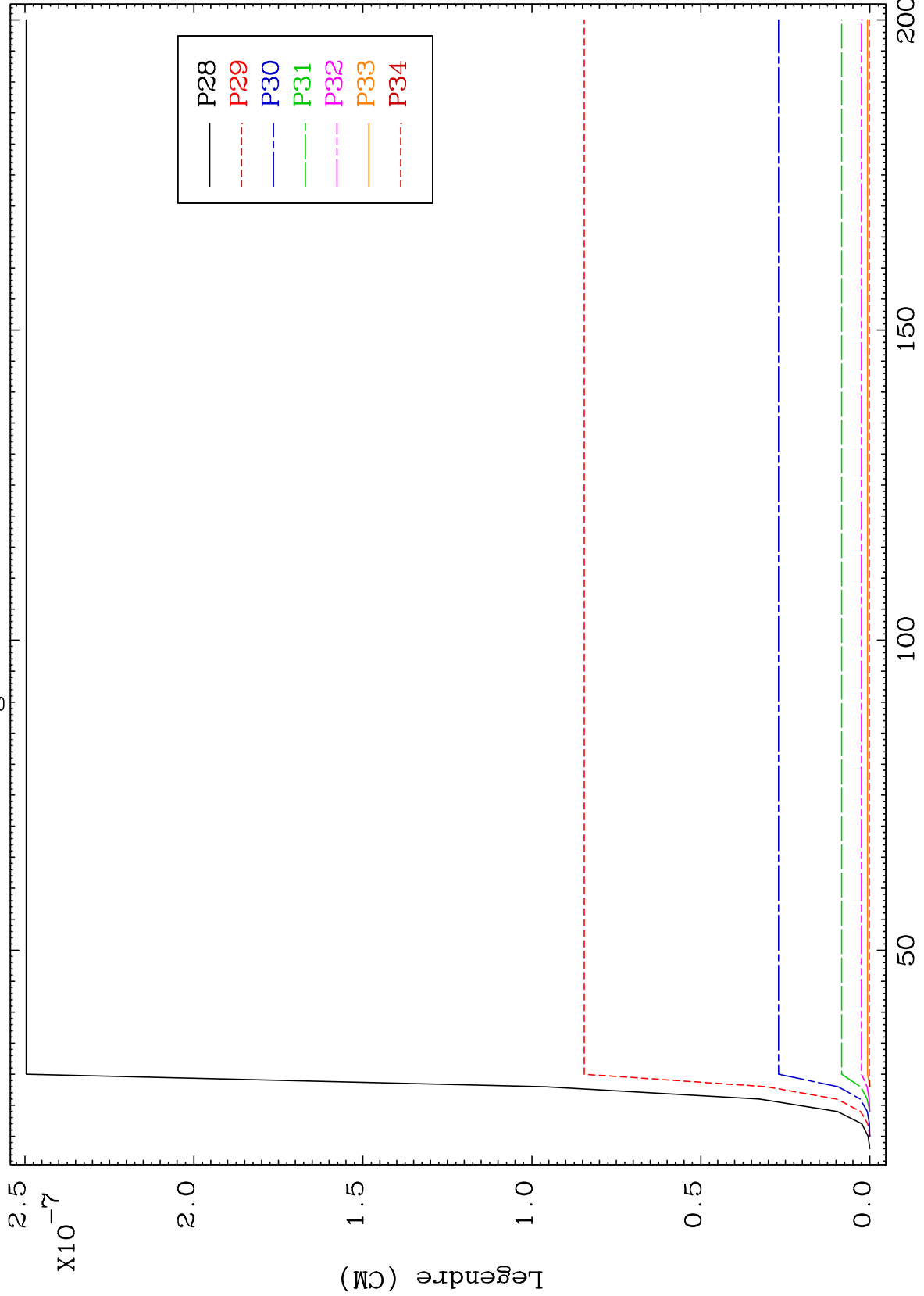
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90

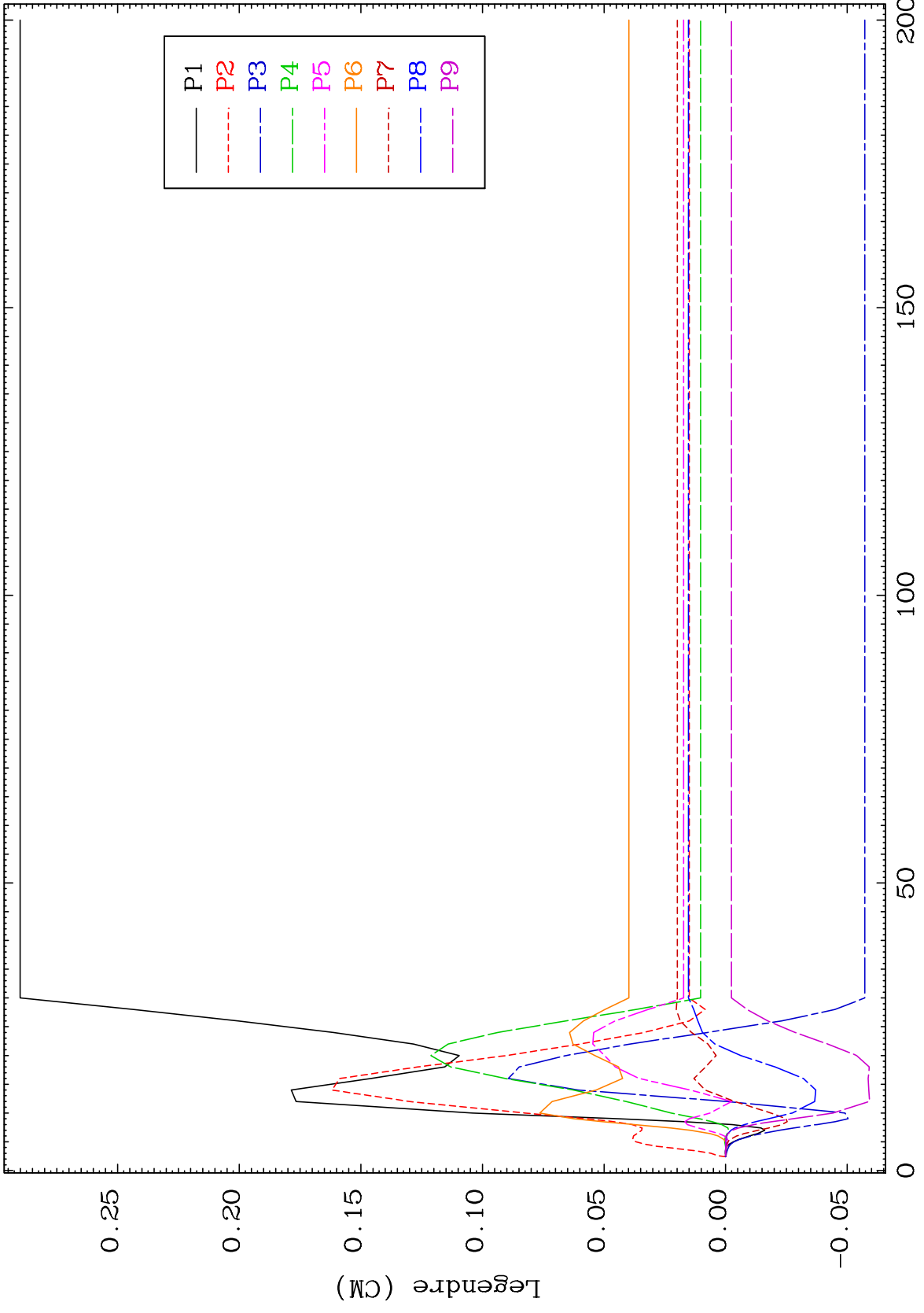


107

Incident Energy (MeV)

39-Y -90

MAT 3928 MT= 78 (n,n') Level Legendre Coefficients 39-Y -90

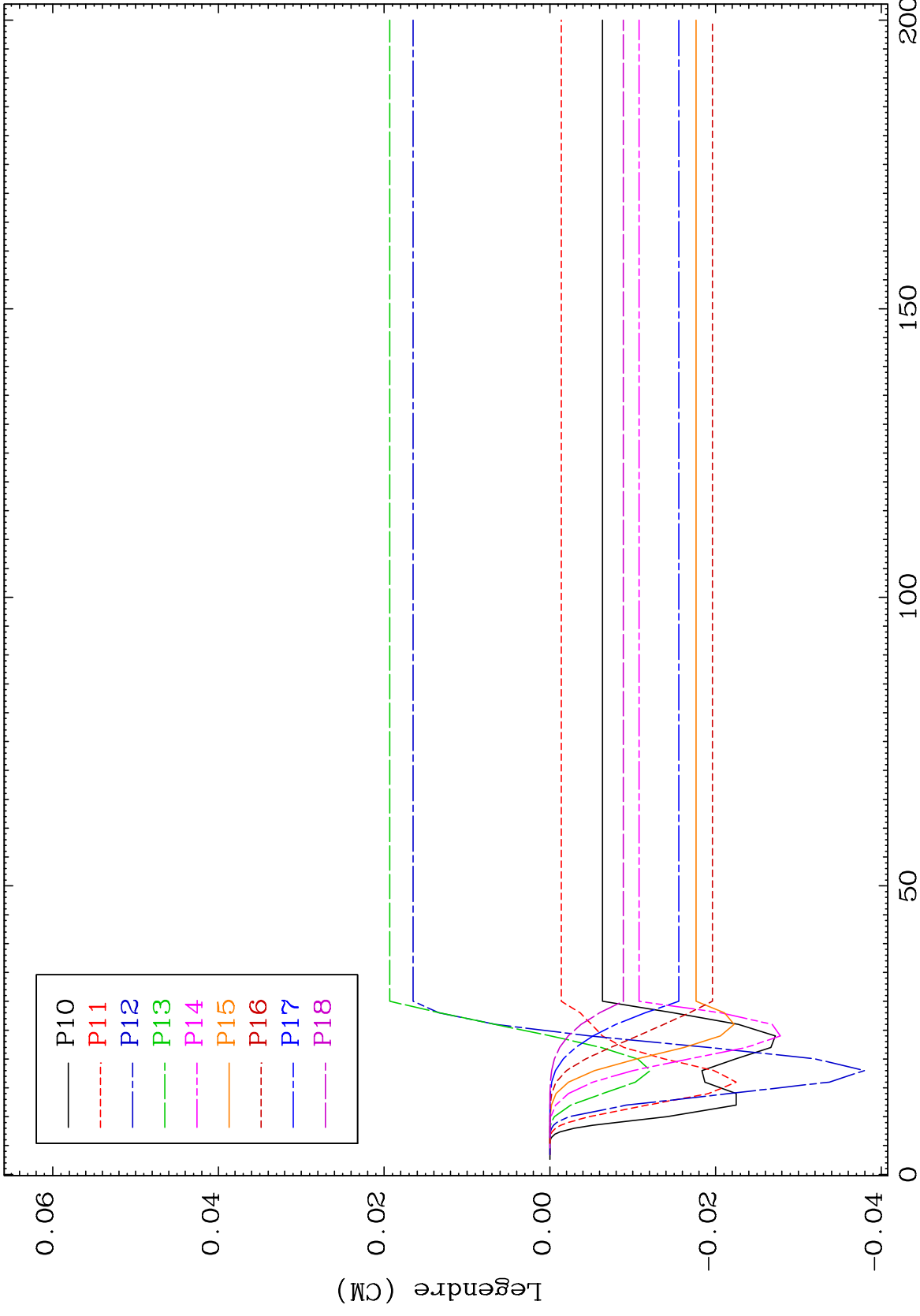


108 Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90

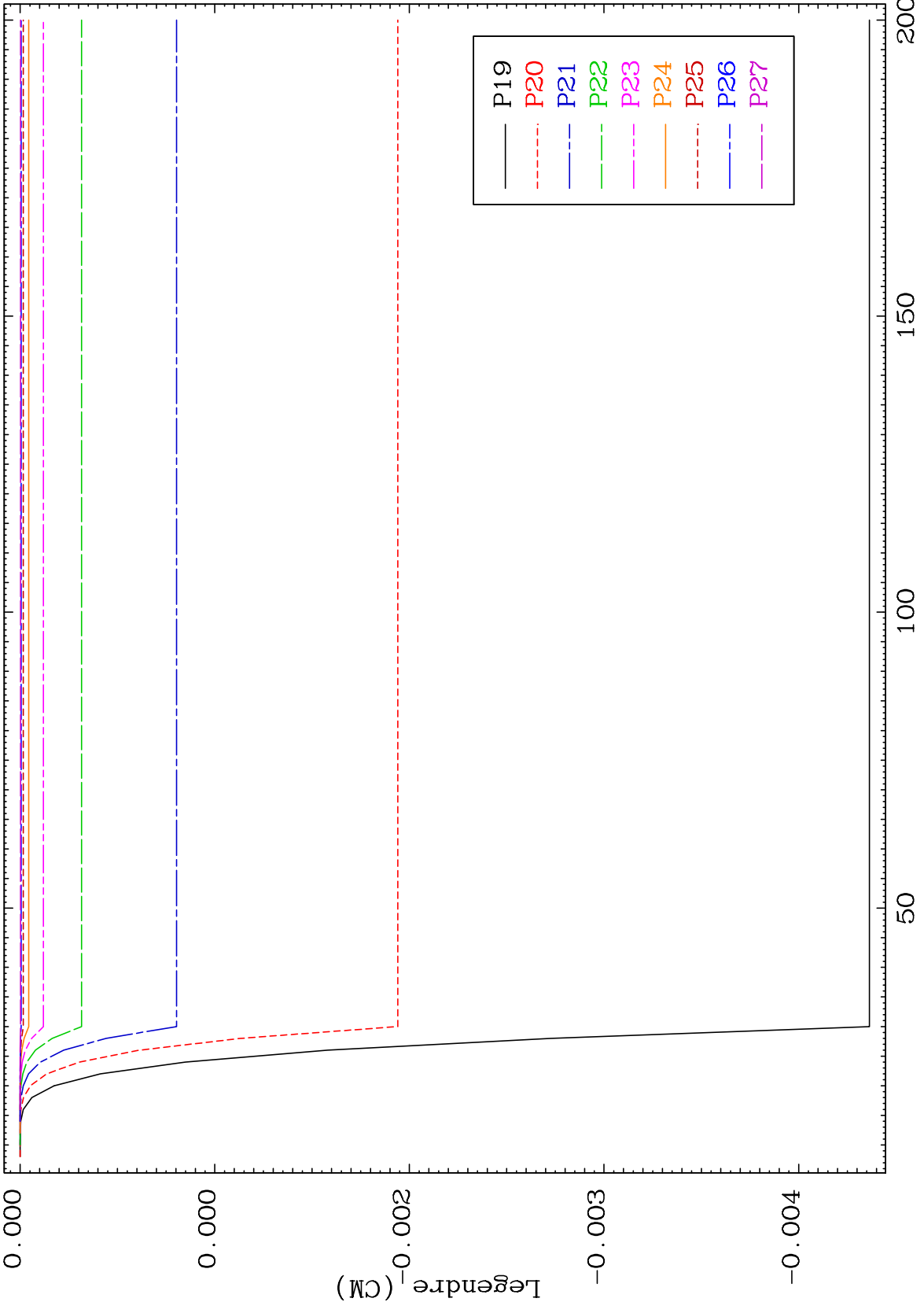


109

Incident Energy (MeV)

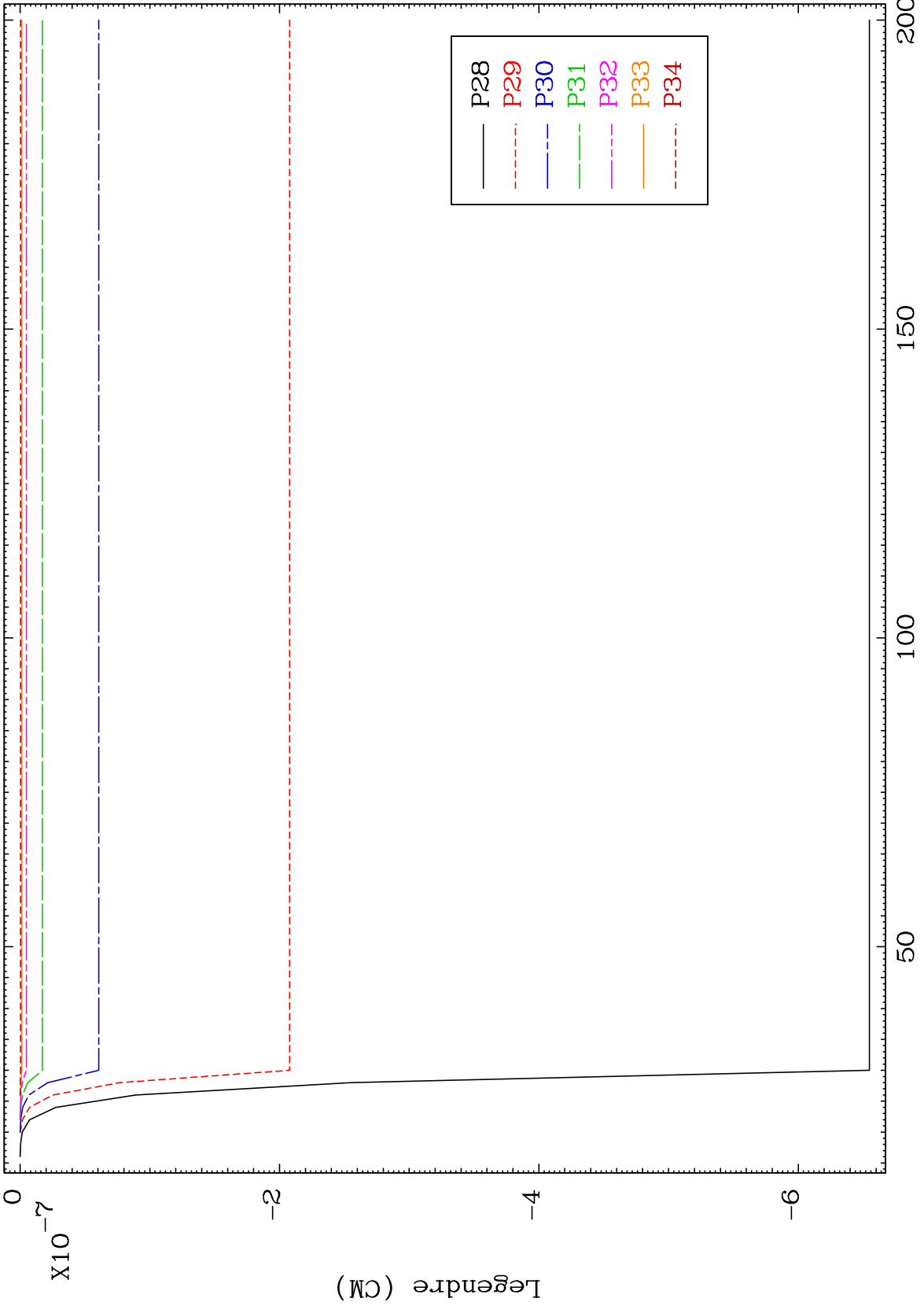
39-Y -90

MAT 3928 MT= 78 (n,n') Level Legendre Coefficients 39-Y -90



110 Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 78 (n,n') Level Legendre Coefficients 39-Y -90

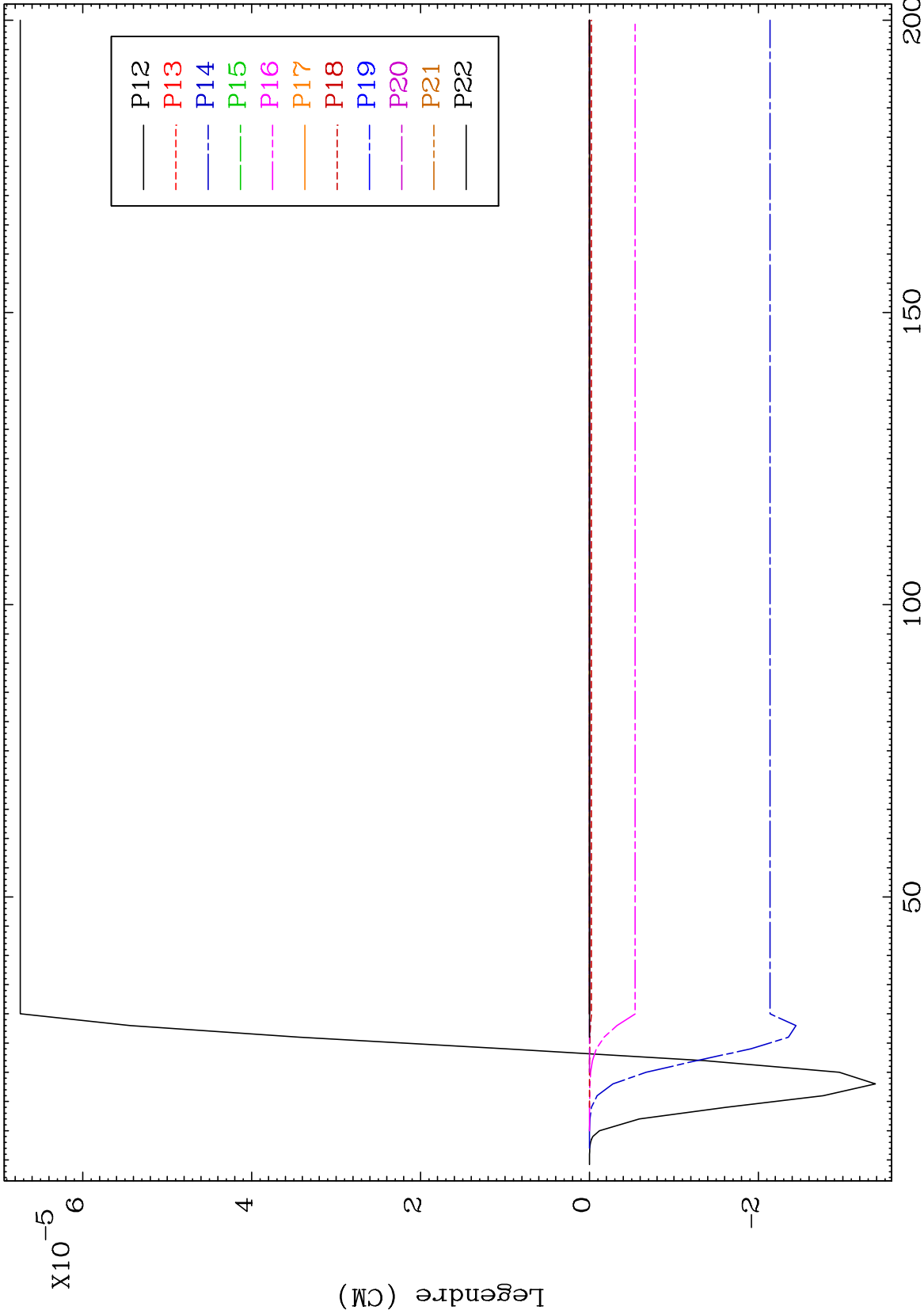


111 Incident Energy (MeV) 39-Y -90

MAT 3928

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

39-Y -90

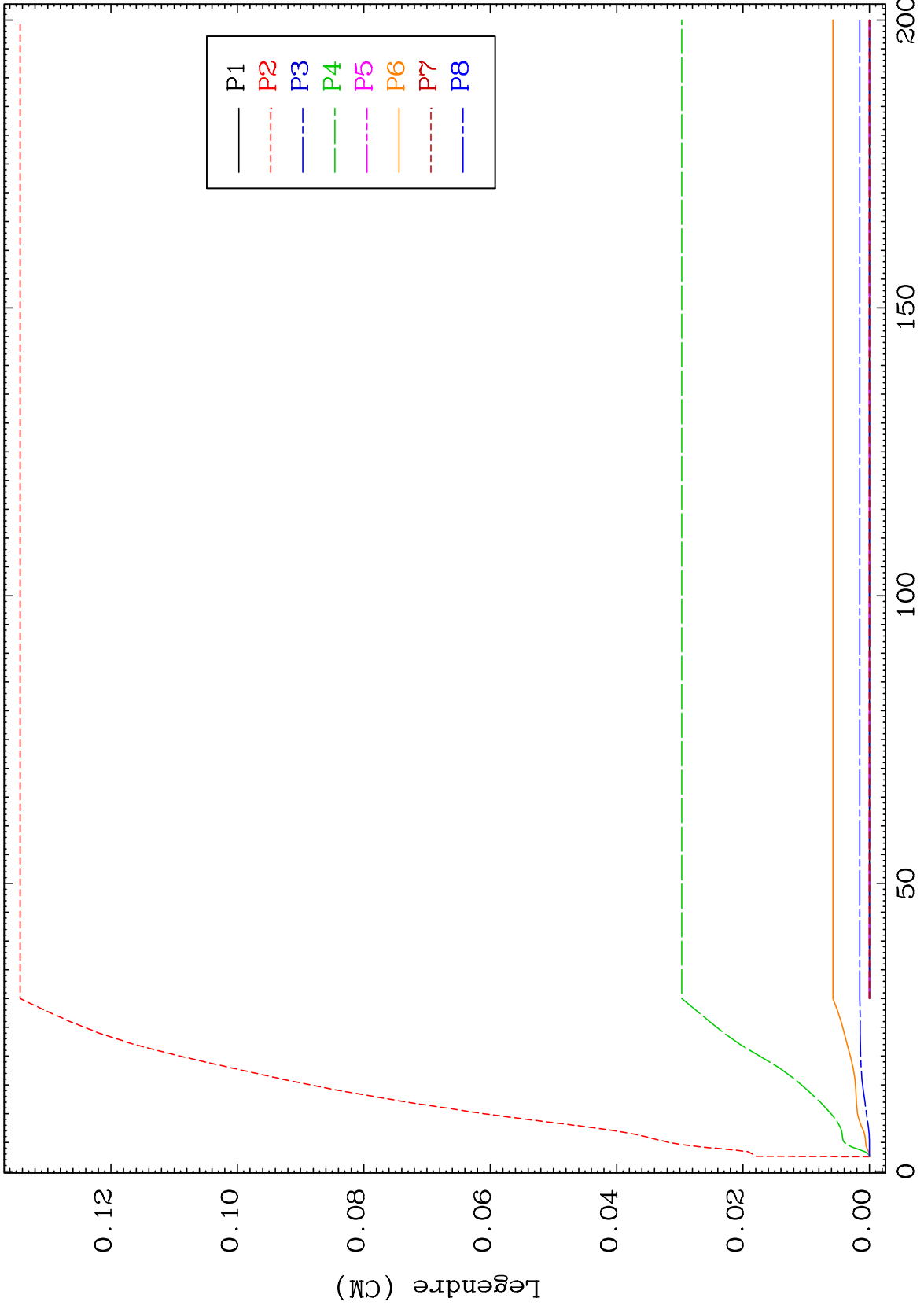


113

Incident Energy (MeV)

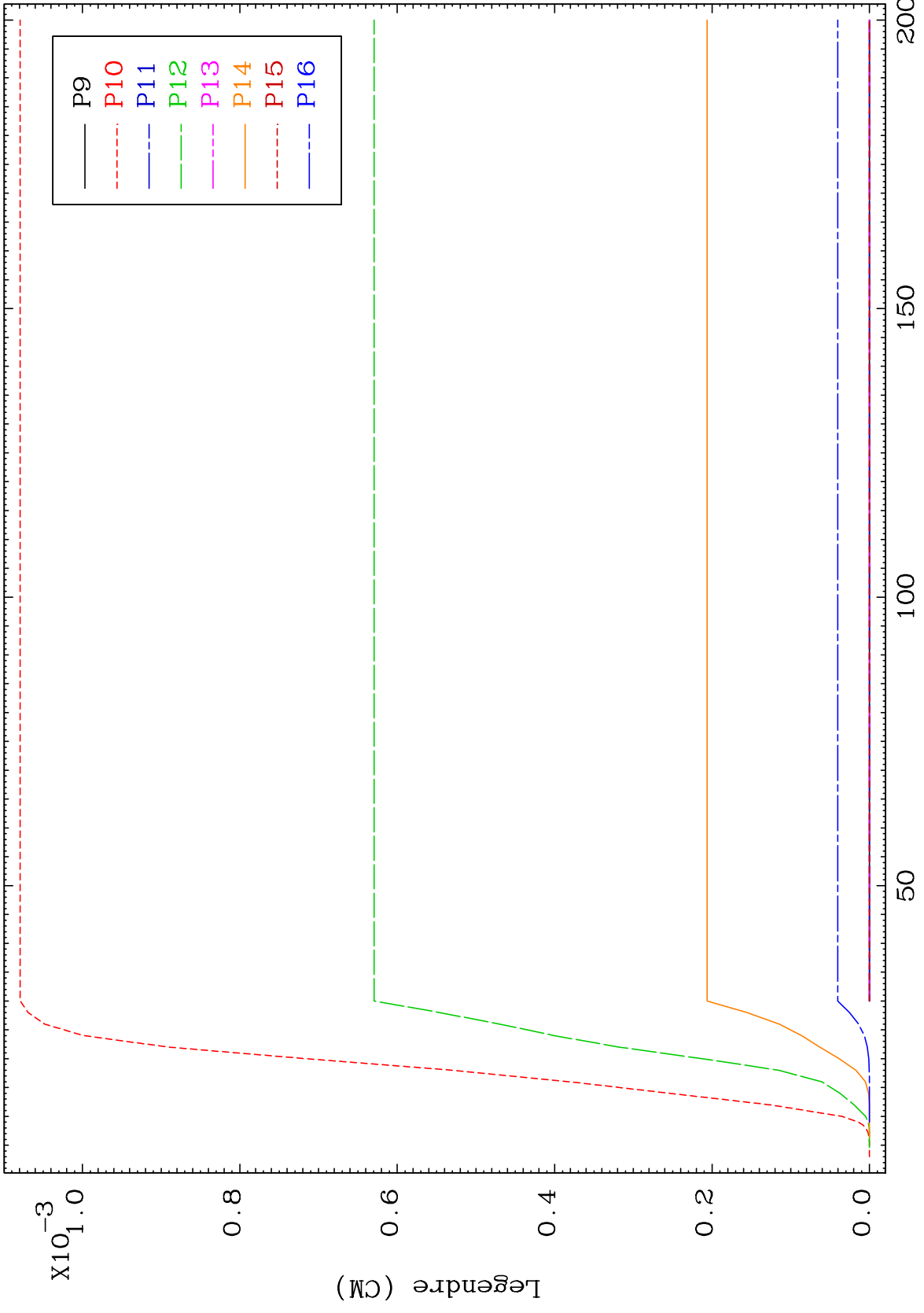
39-Y -90

MAT 3928 MT= 80 (n,n') Level Legendre Coefficients 39-Y -90



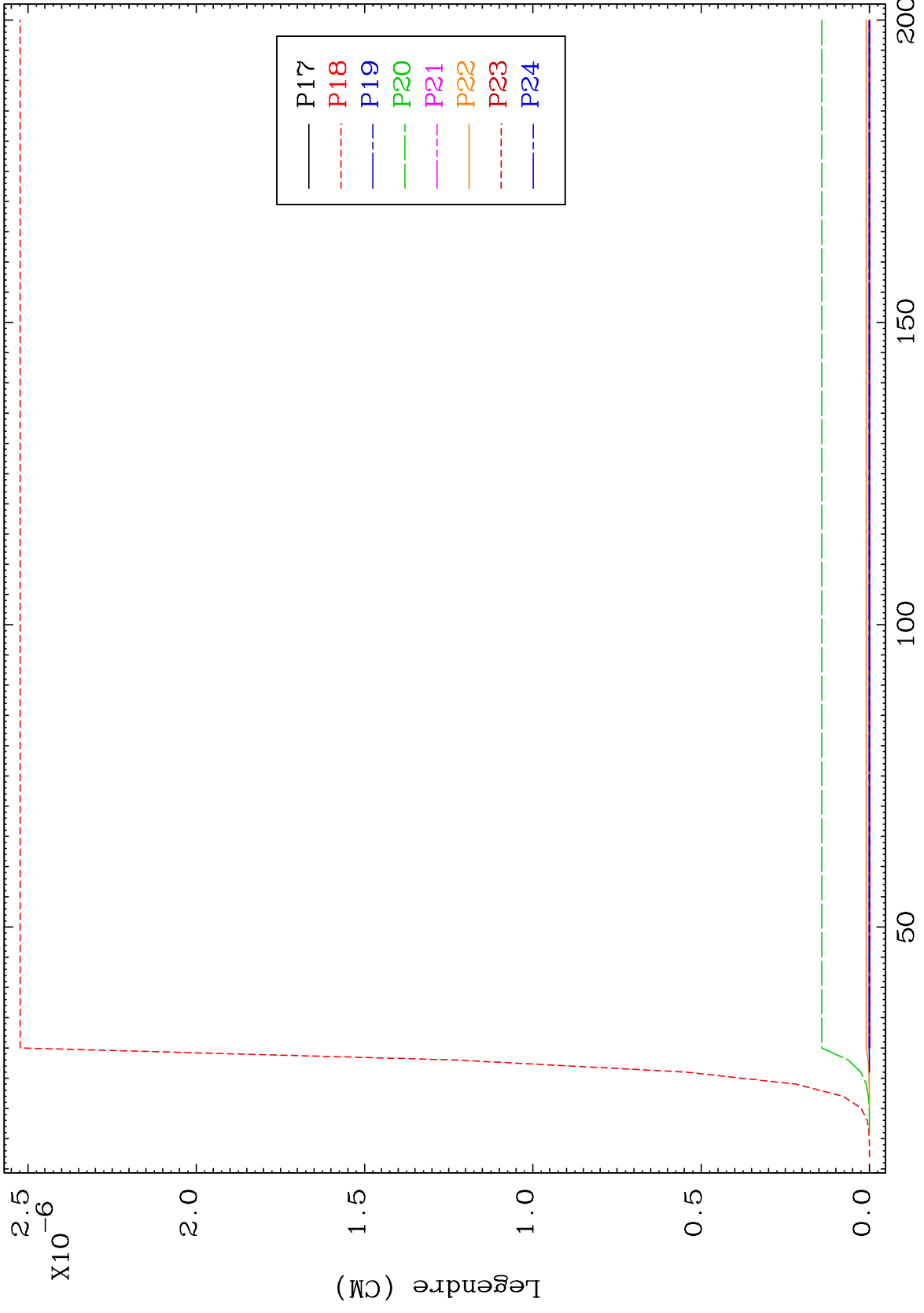
114 Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 80 (n,n') Level Legendre Coefficients 39-Y -90



115 Incident Energy (MeV) 39-Y -90

MAT 3928 MT= 80 (n,n') Level Legendre Coefficients 39-Y -90

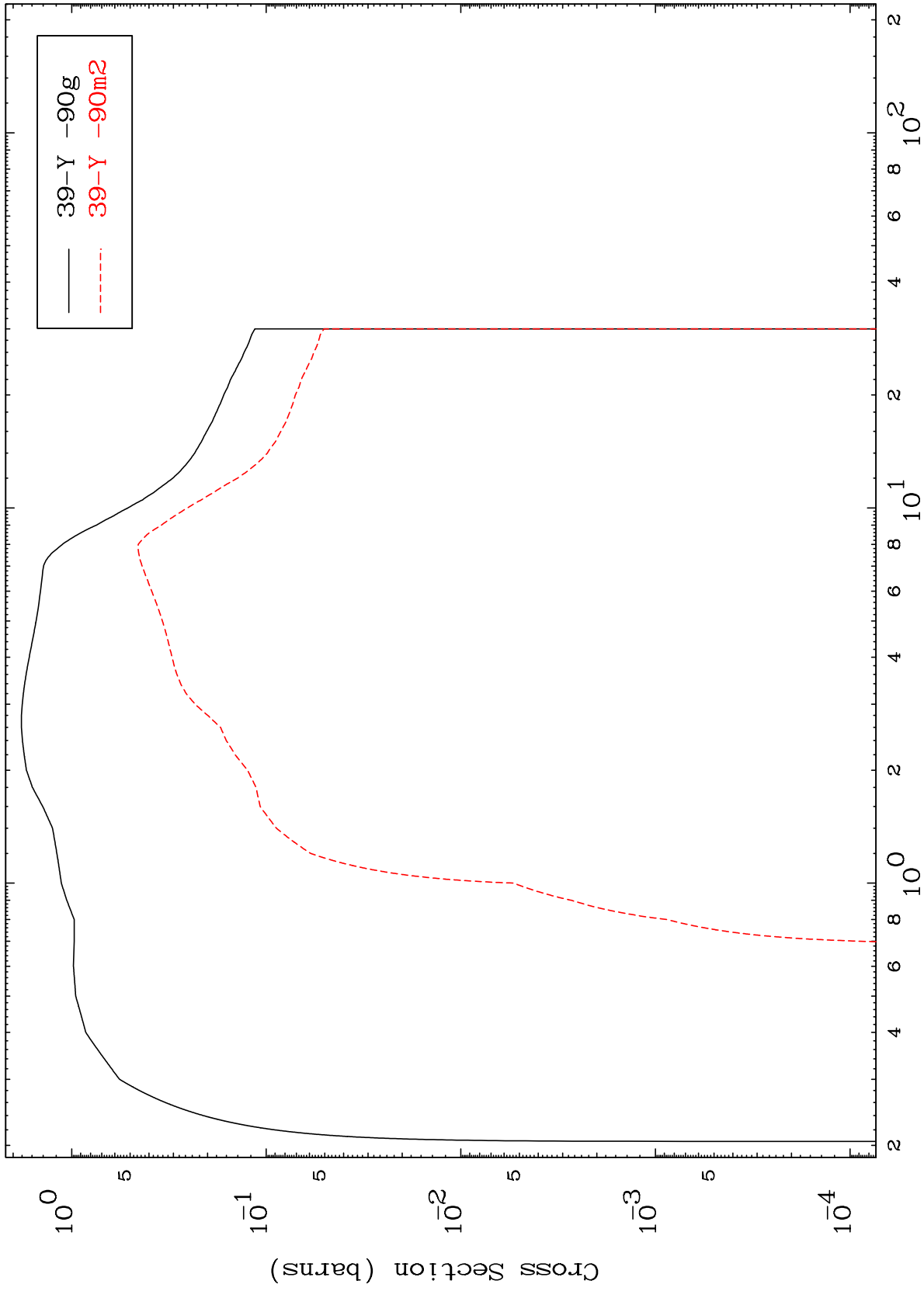


116 Incident Energy (MeV) 39-Y -90

MAT 3928

39-Y -90

Inelastic Radionuclide Production Cross Section



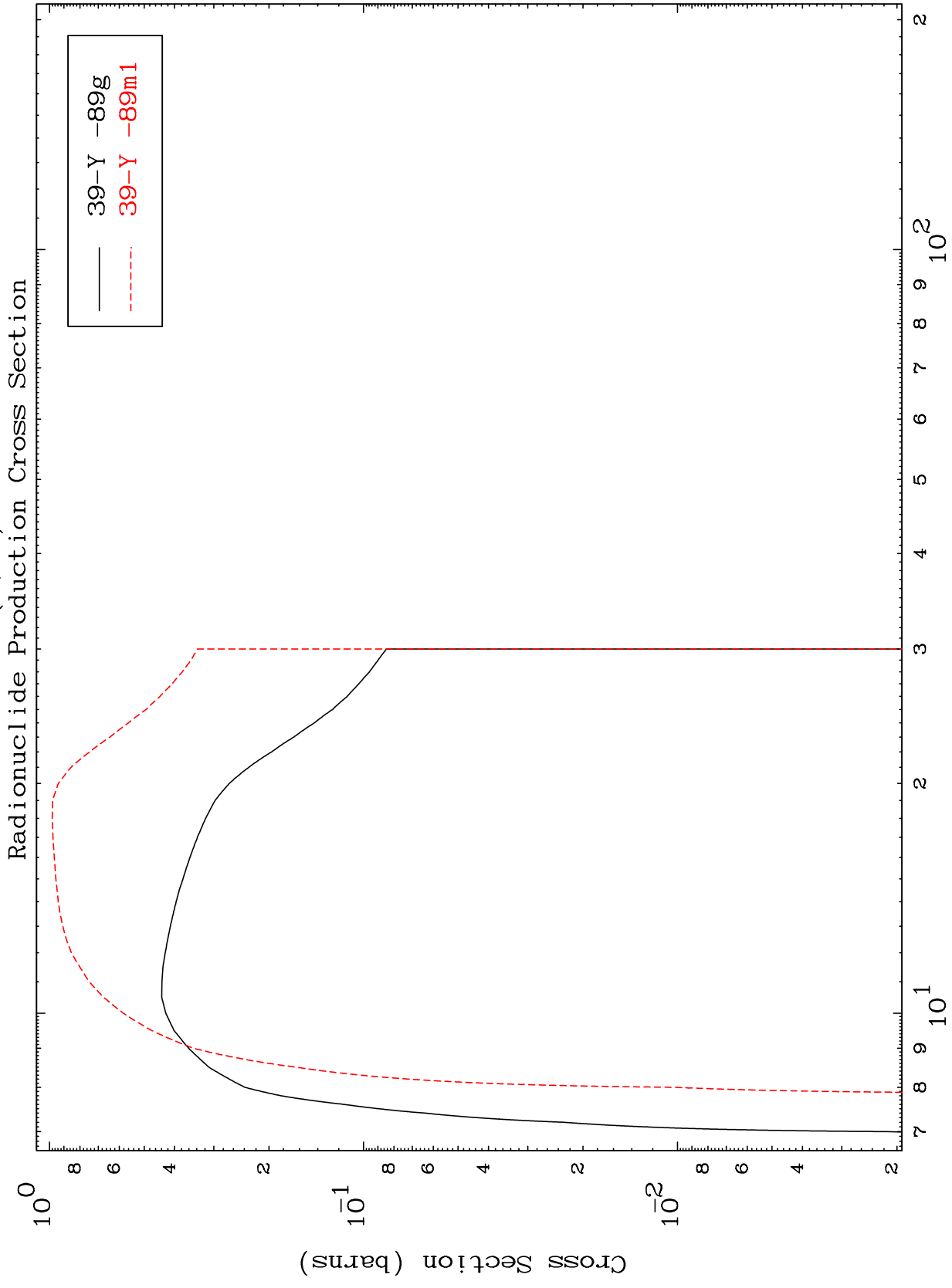
117

39-Y -90

MAT 3928

(n,2n)

39-Y -90



39-Y -90

Incident Energy (MeV)

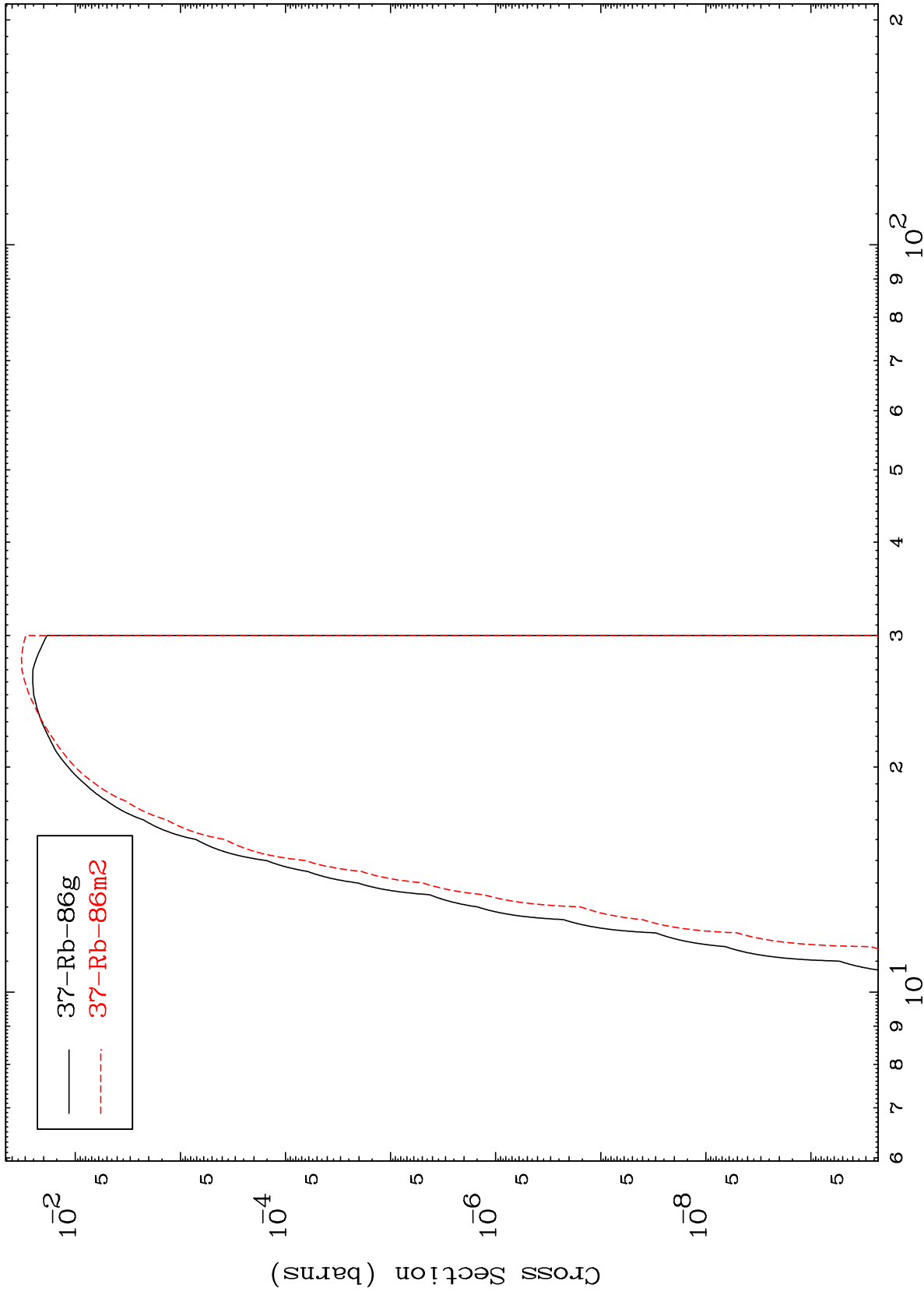
119

MAT 3928

(n,n') α

39-Y -90

Radionuclide Production Cross Section



120

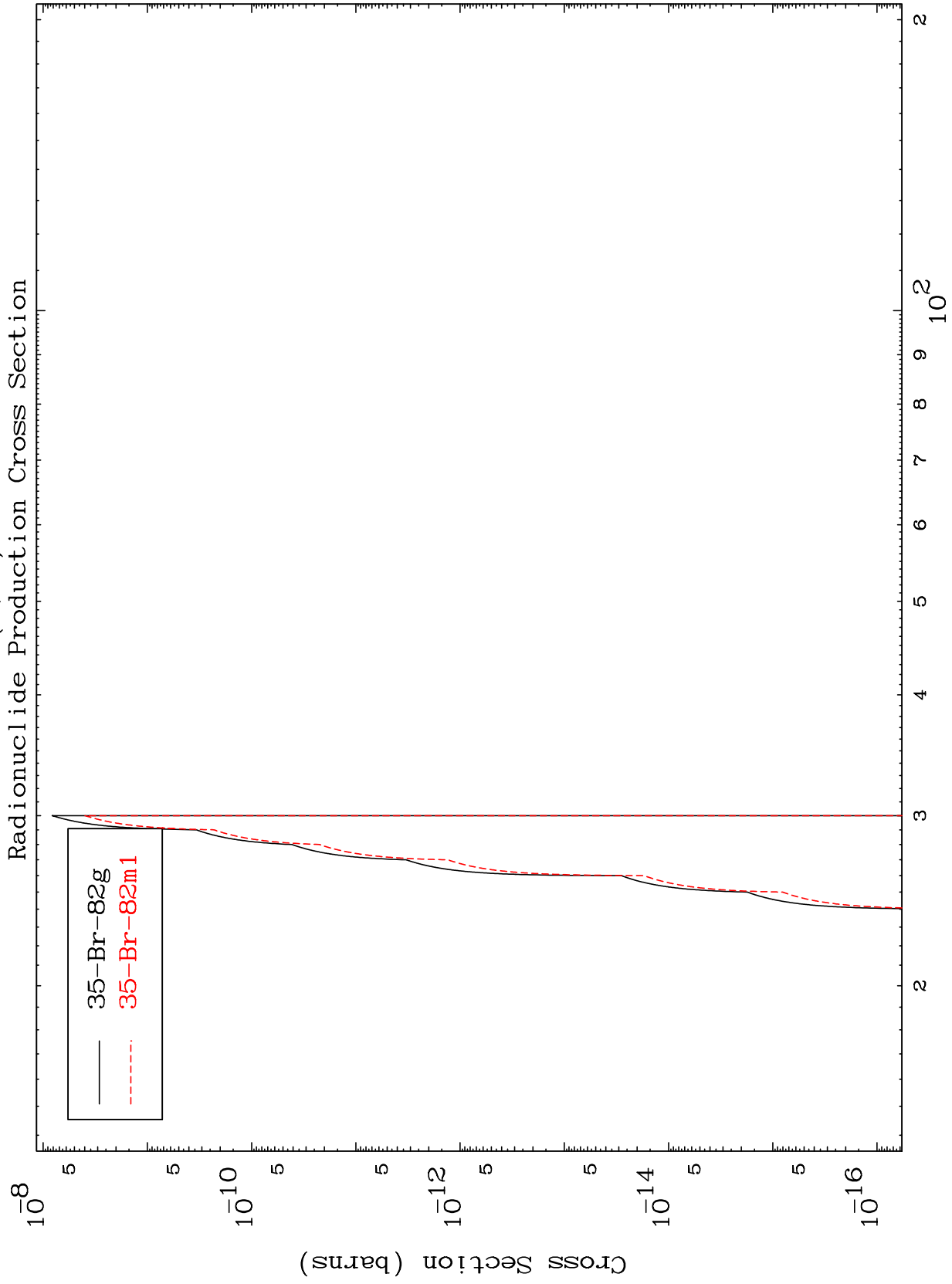
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,n') 2 α

39-Y -90



121

Incident Energy (MeV)

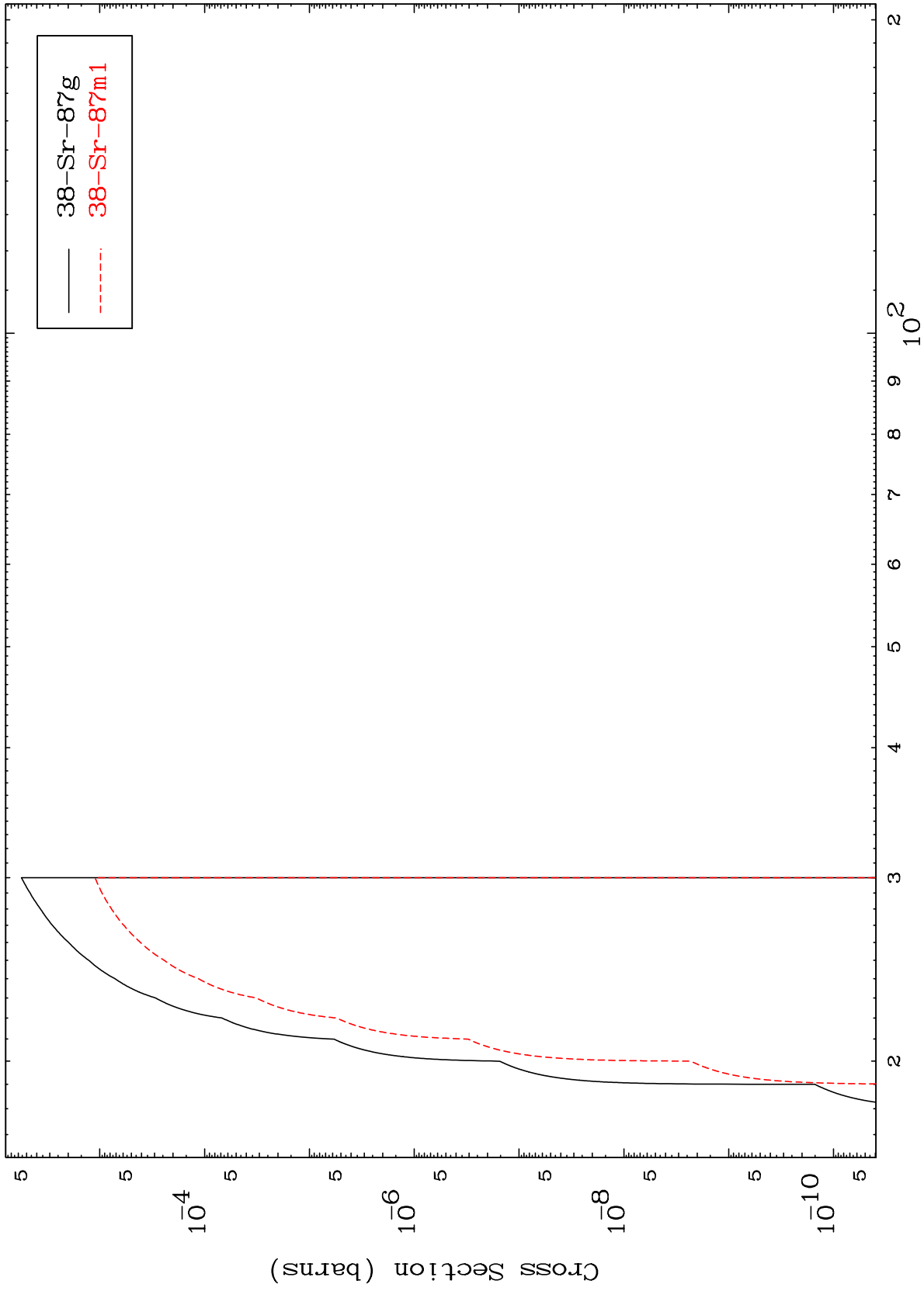
39-Y -90

MAT 3928

(n,n') t

39-Y -90

Radionuclide Production Cross Section



122

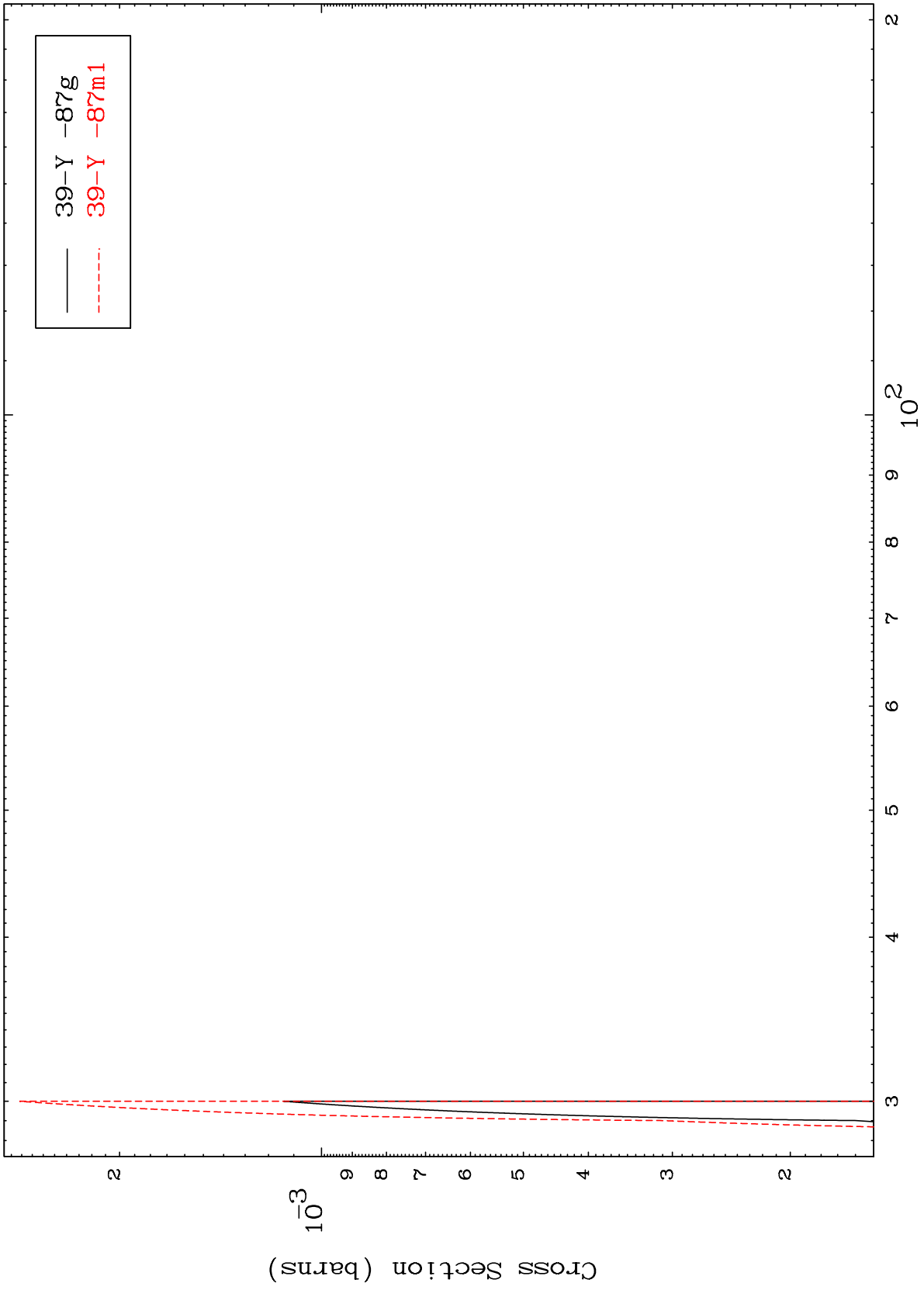
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

(n,4n)
Radionuclide Production Cross Section



123

39-Y -90

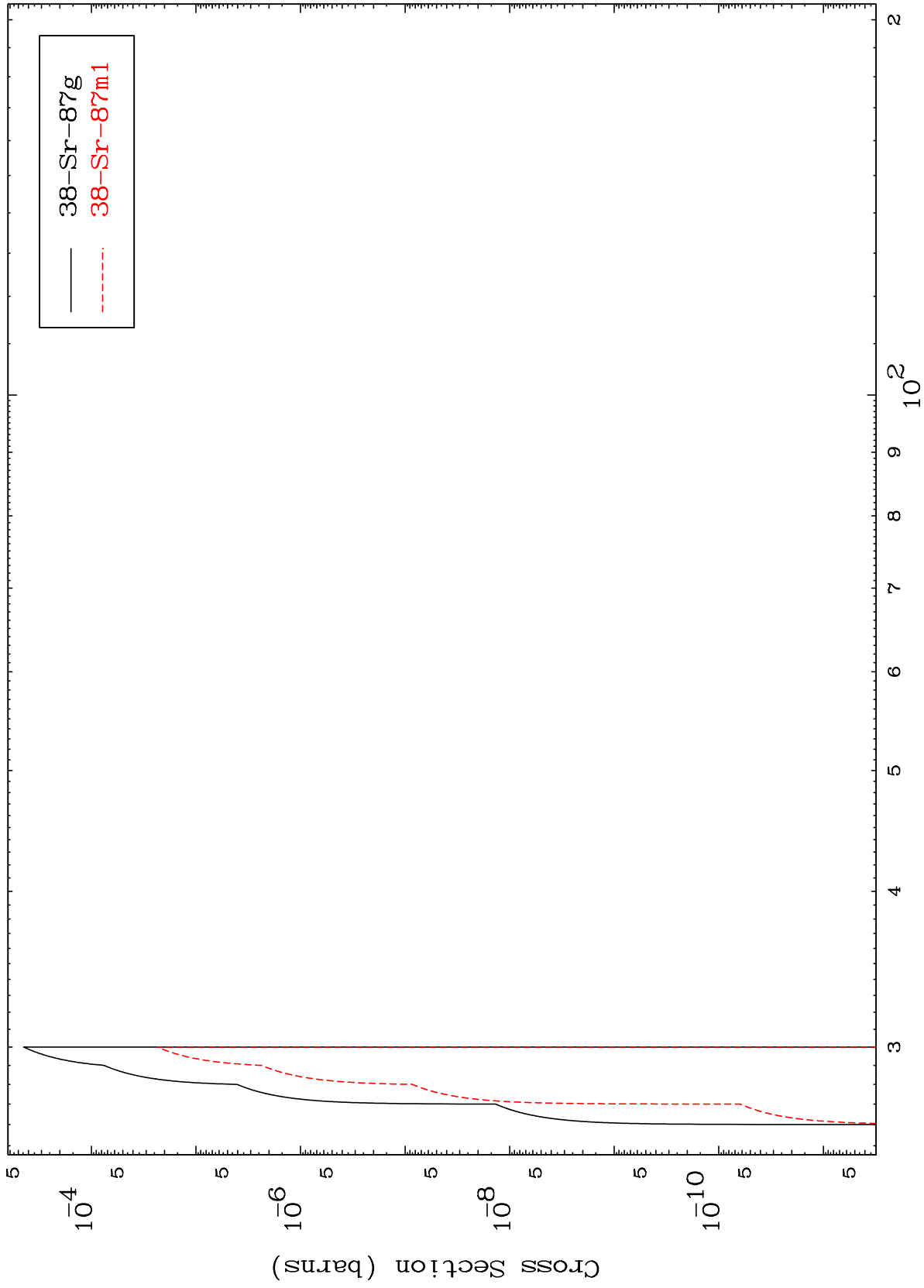
Incident Energy (MeV)

MAT 3928

(n,3n) p

39-Y -90

Radionuclide Production Cross Section



124

Incident Energy (MeV)

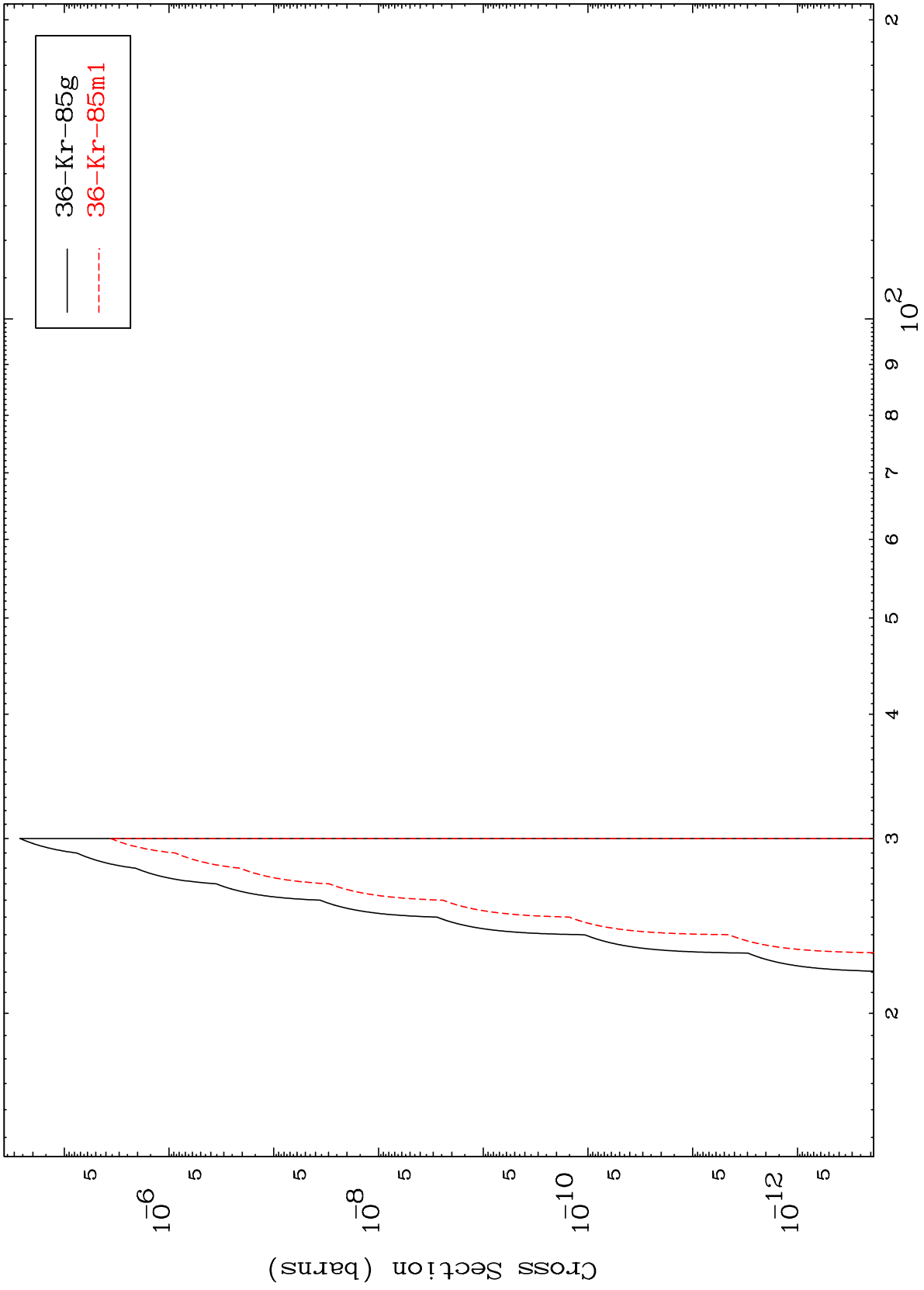
39-Y -90

MAT 3928

(n,n') p α

39-Y -90

Radionuclide Production Cross Section



125

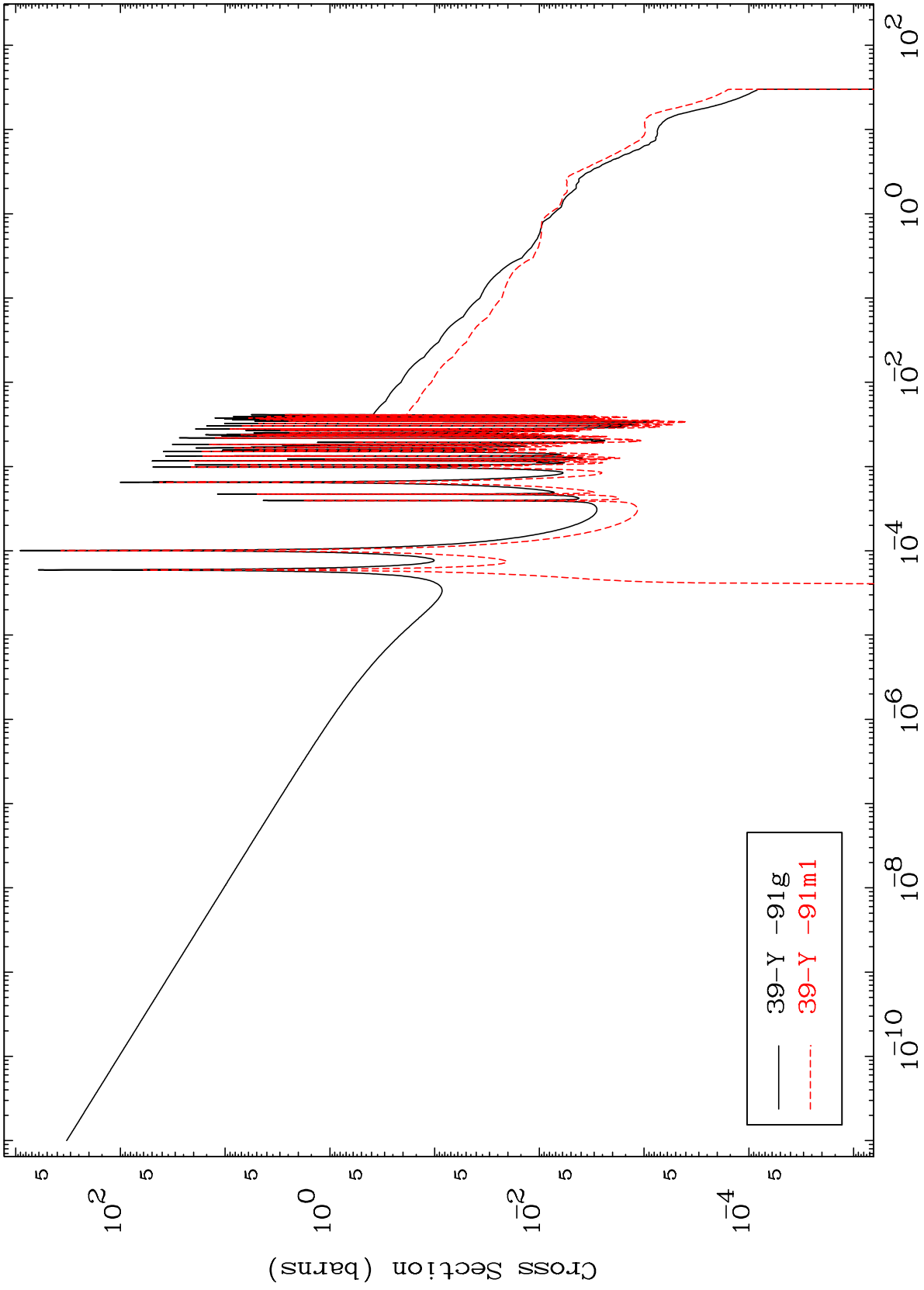
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

Radionuclide Production Cross Section (n,γ)



126

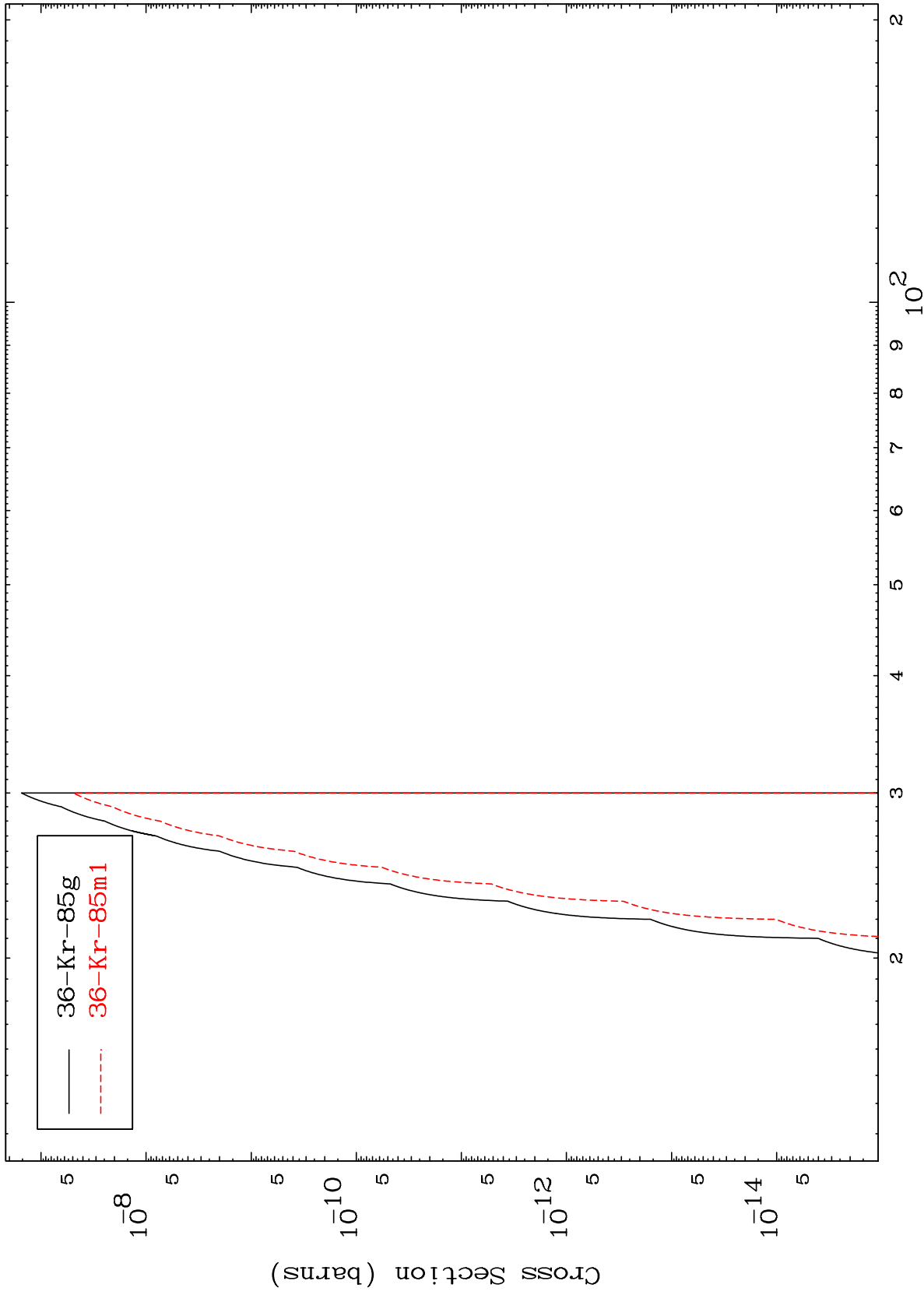
39-Y -90

MAT 3928

(n,d) α

39-Y -90

Radionuclide Production Cross Section



127

Incident Energy (MeV)

39-Y -90