

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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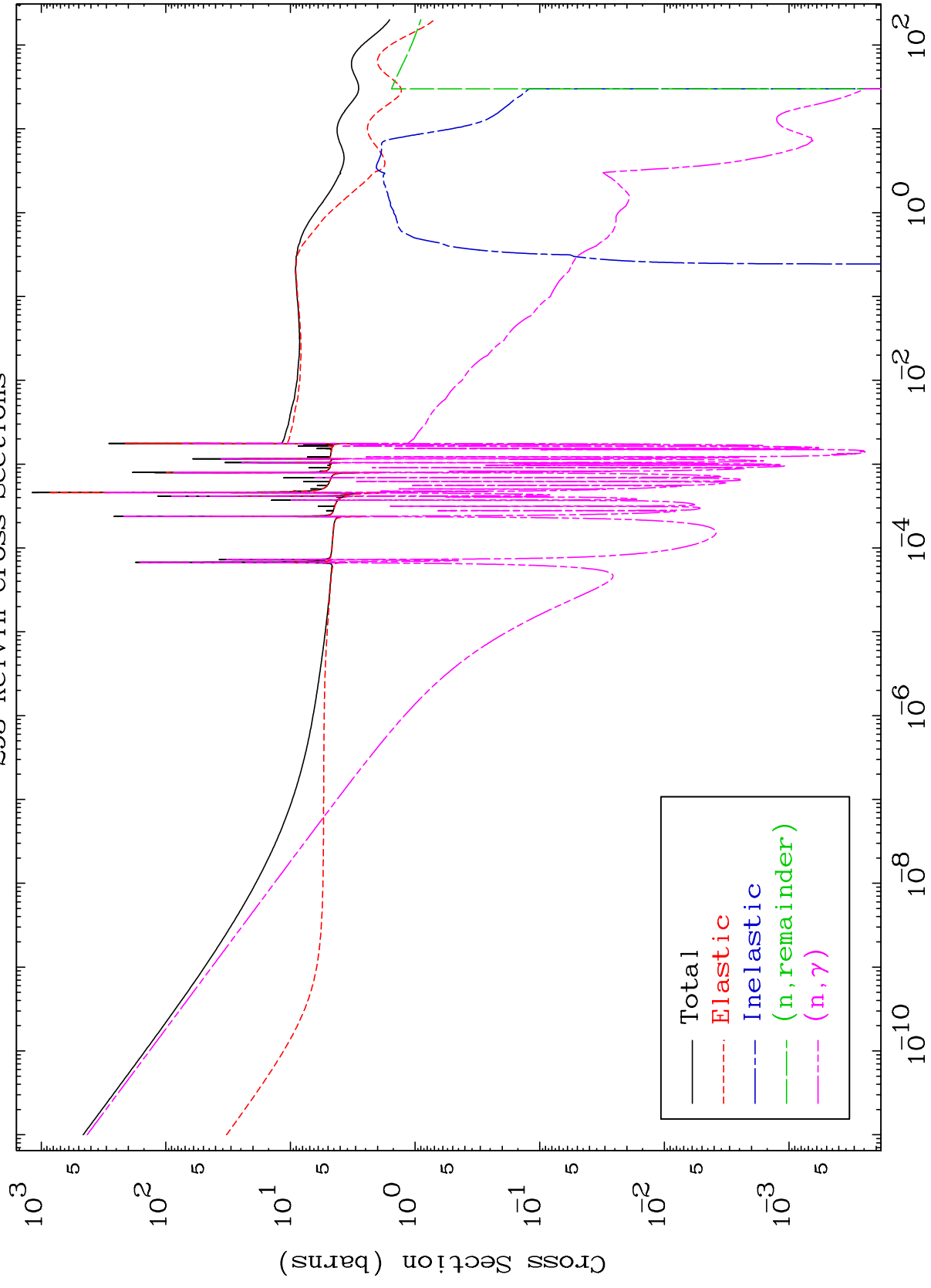
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3934

Major  
293 Kelvin Cross Sections

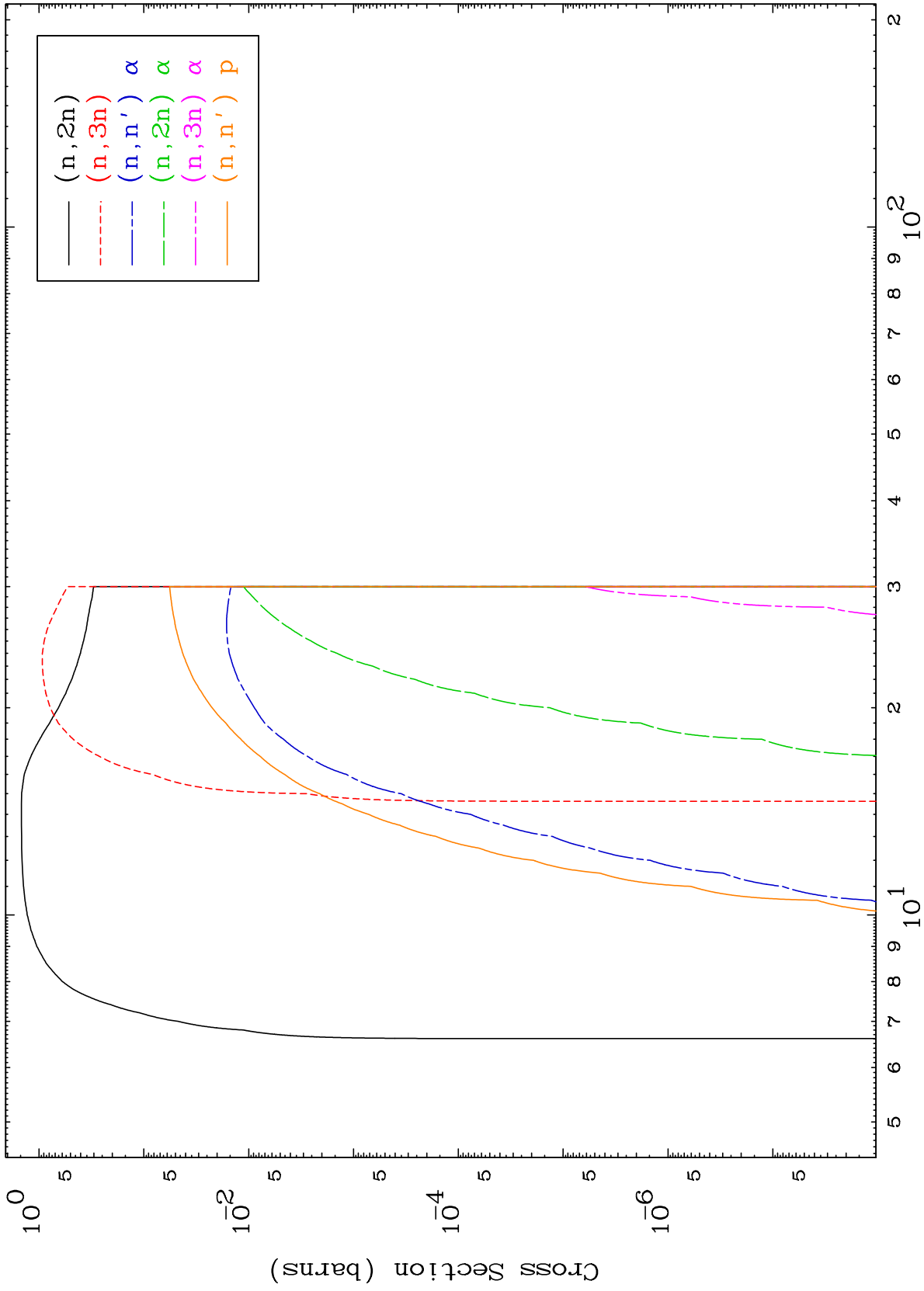
39-Y -92



MAT 3934

### Neutron Production 293 Kelvin Cross Sections

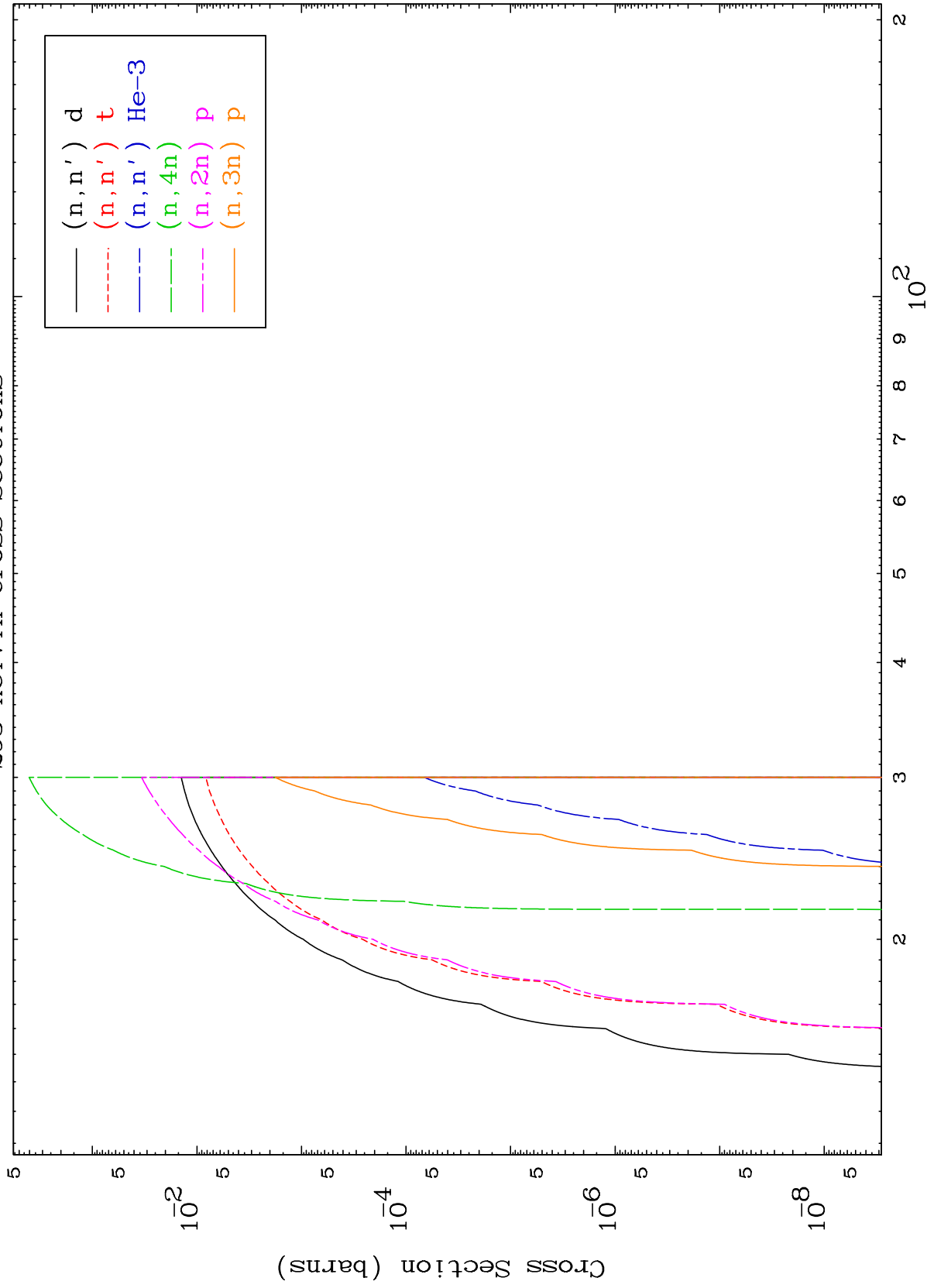
39-Y -92

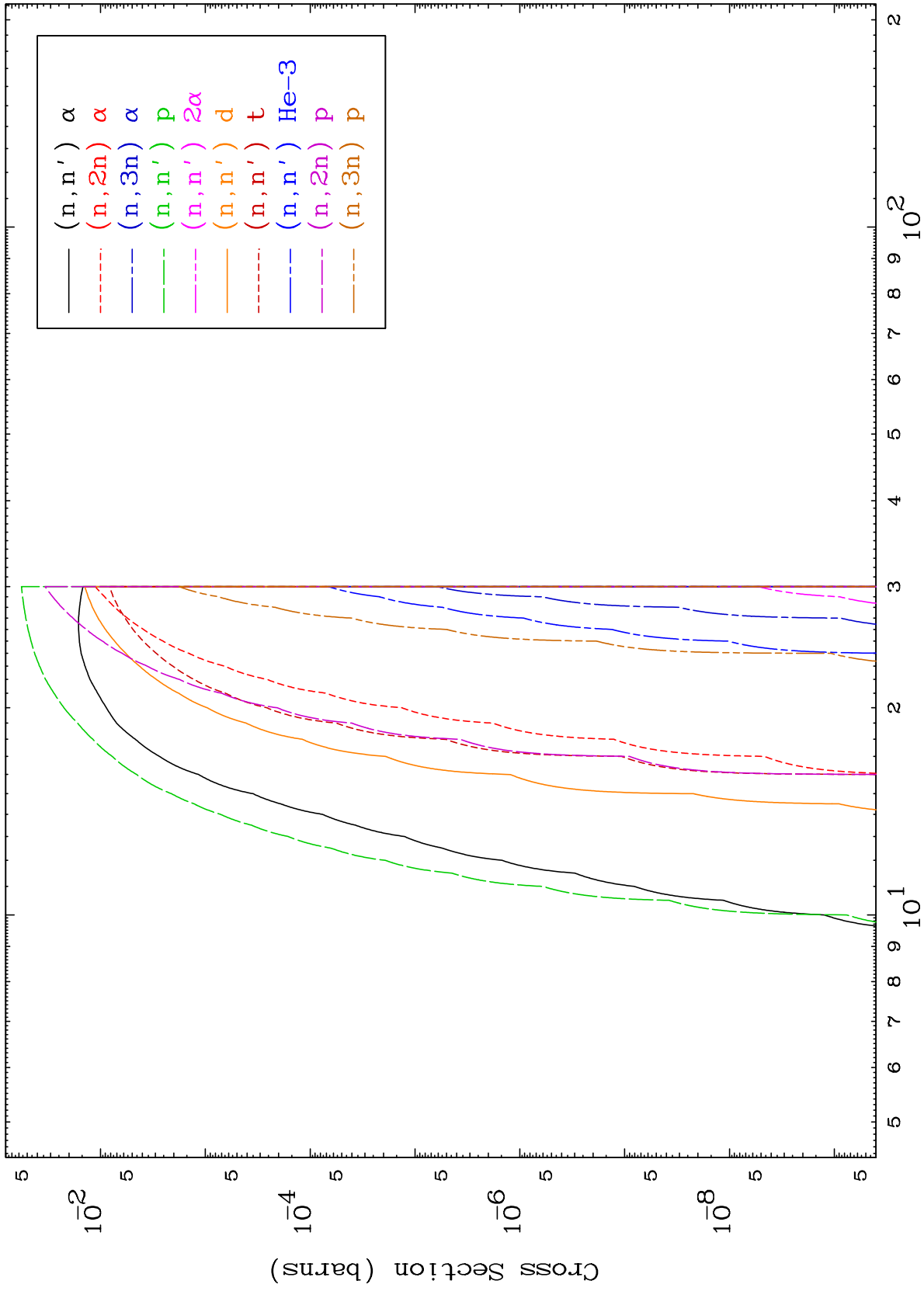


2

Incident Energy (MeV)

39-Y -92

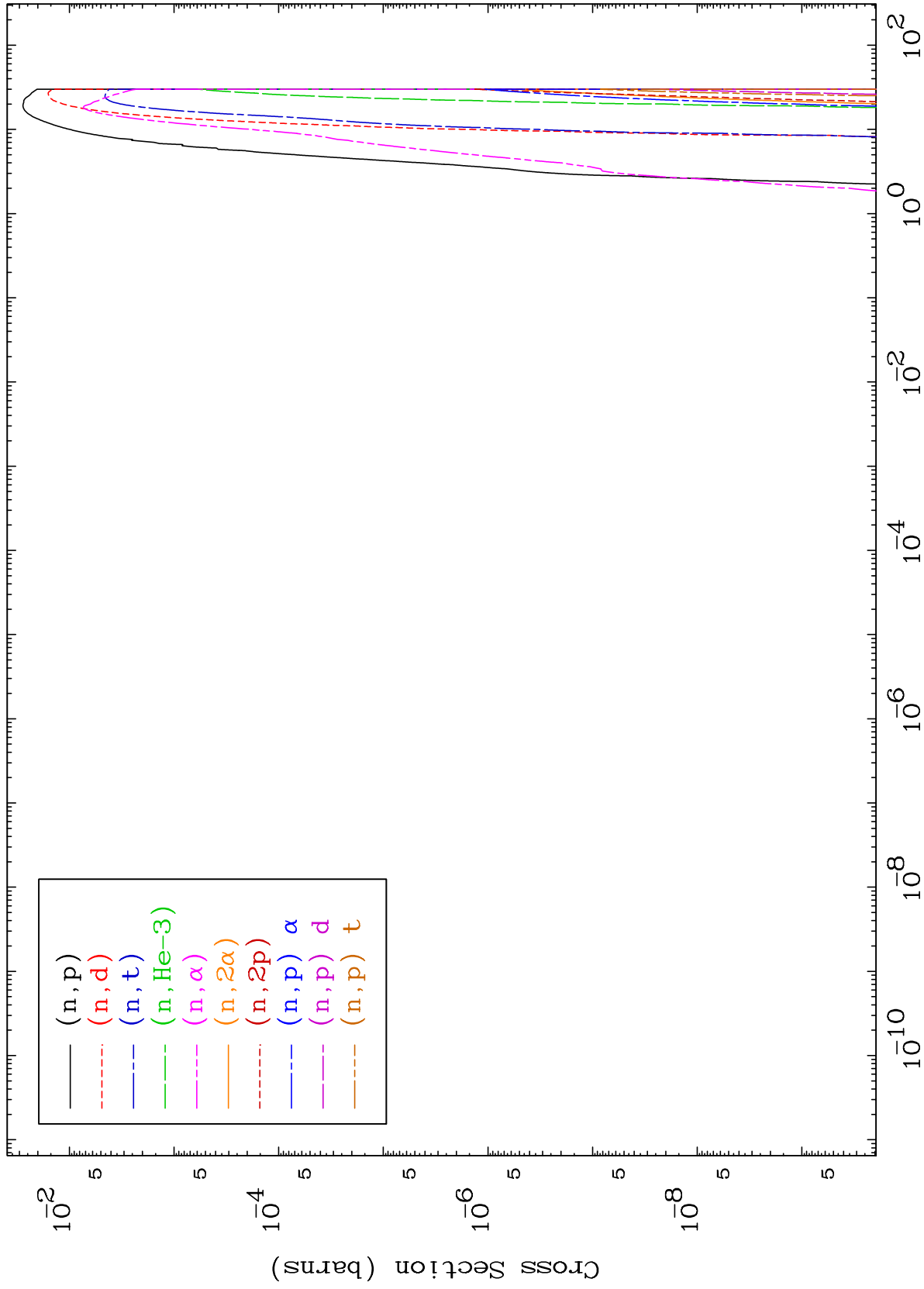




MAT 3934

Charged Particle  
293 Kelvin Cross Sections

39-Y -92



5

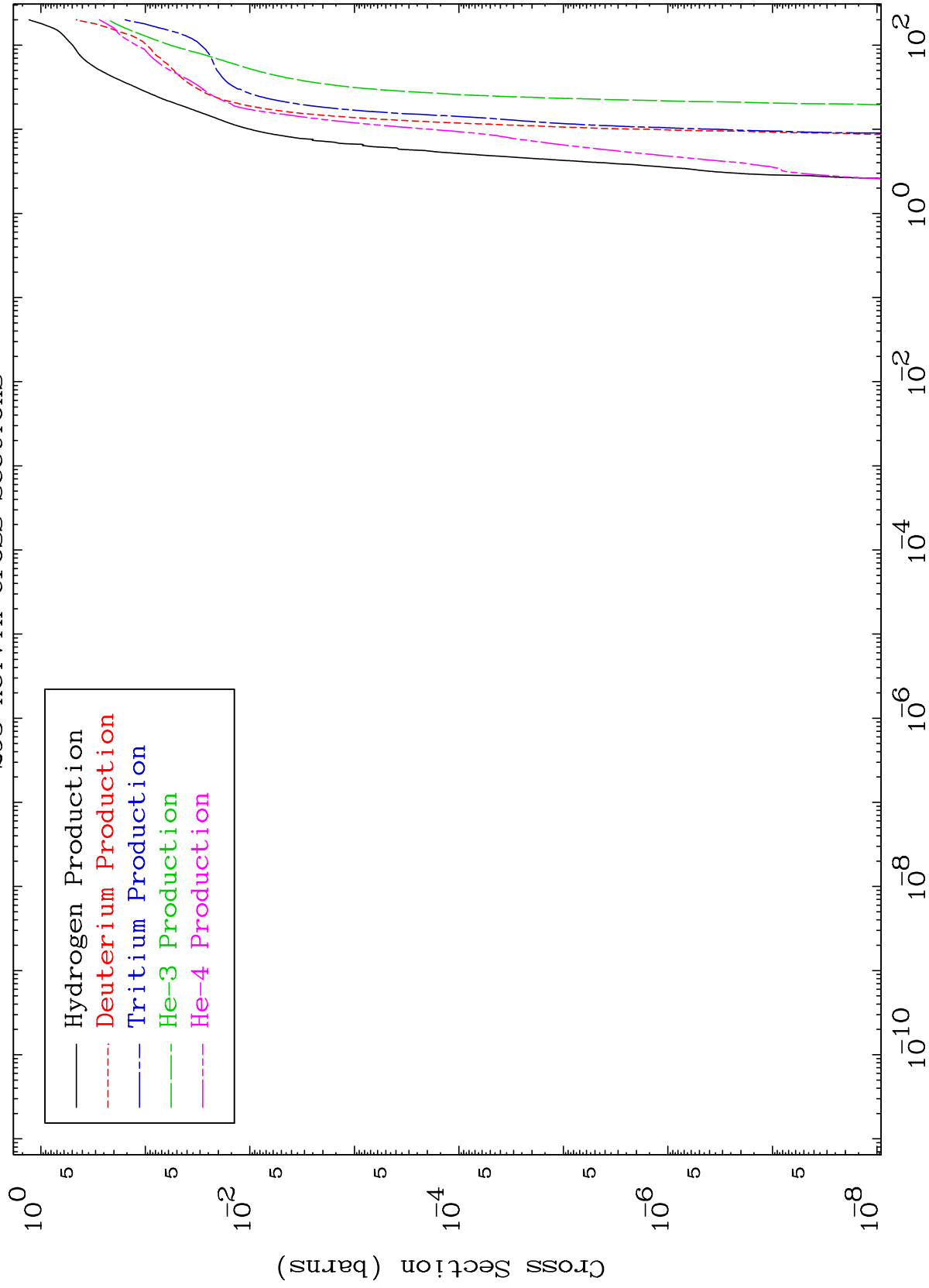
Incident Energy (MeV)

39-Y -92

MAT 3934

Particle Production  
293 Kelvin Cross Sections

39-Y -92



6

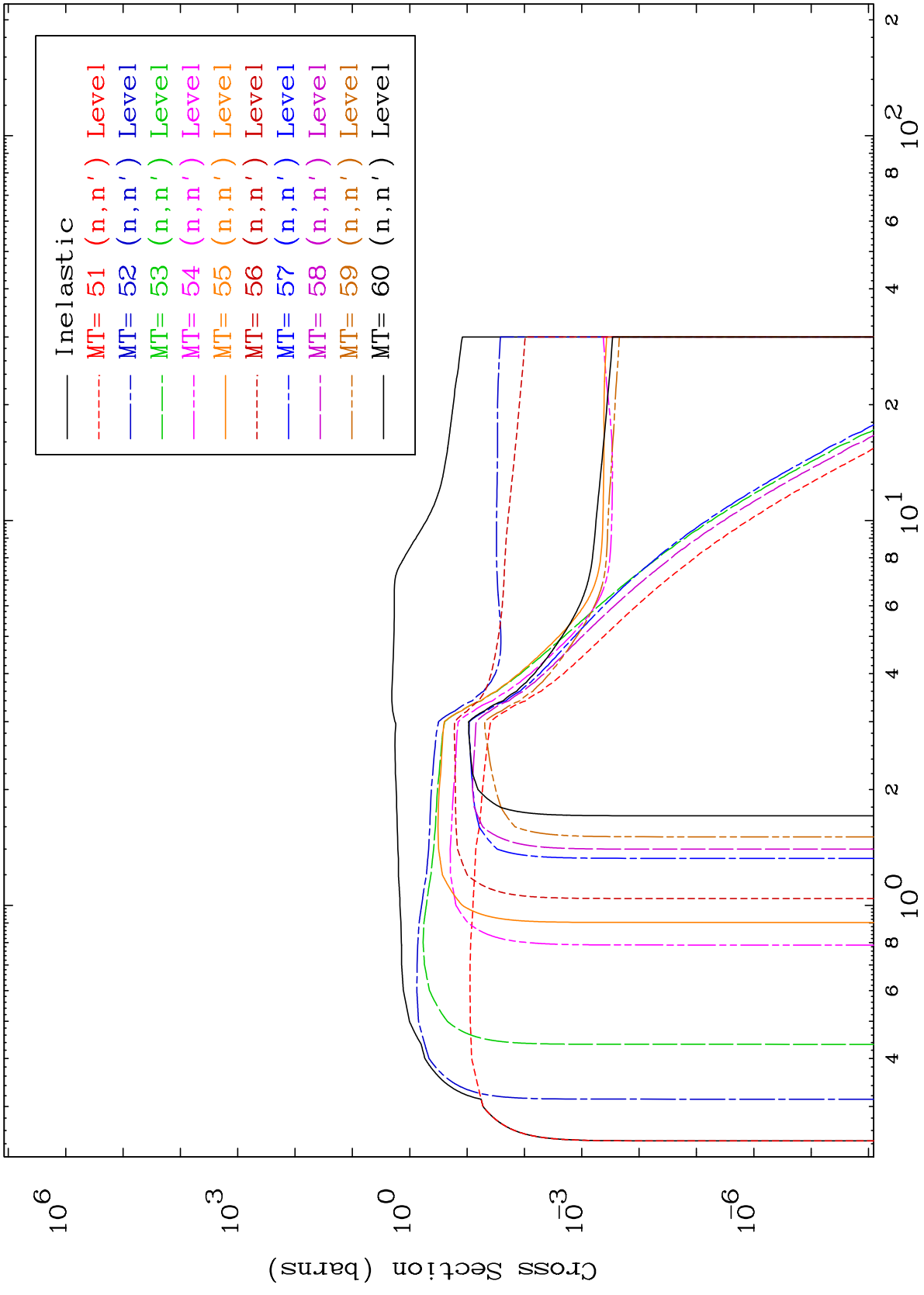
Incident Energy (MeV)

39-Y -92

MAT 3934

(n,n') Level  
293 Kelvin Cross Sections

39-Y -92



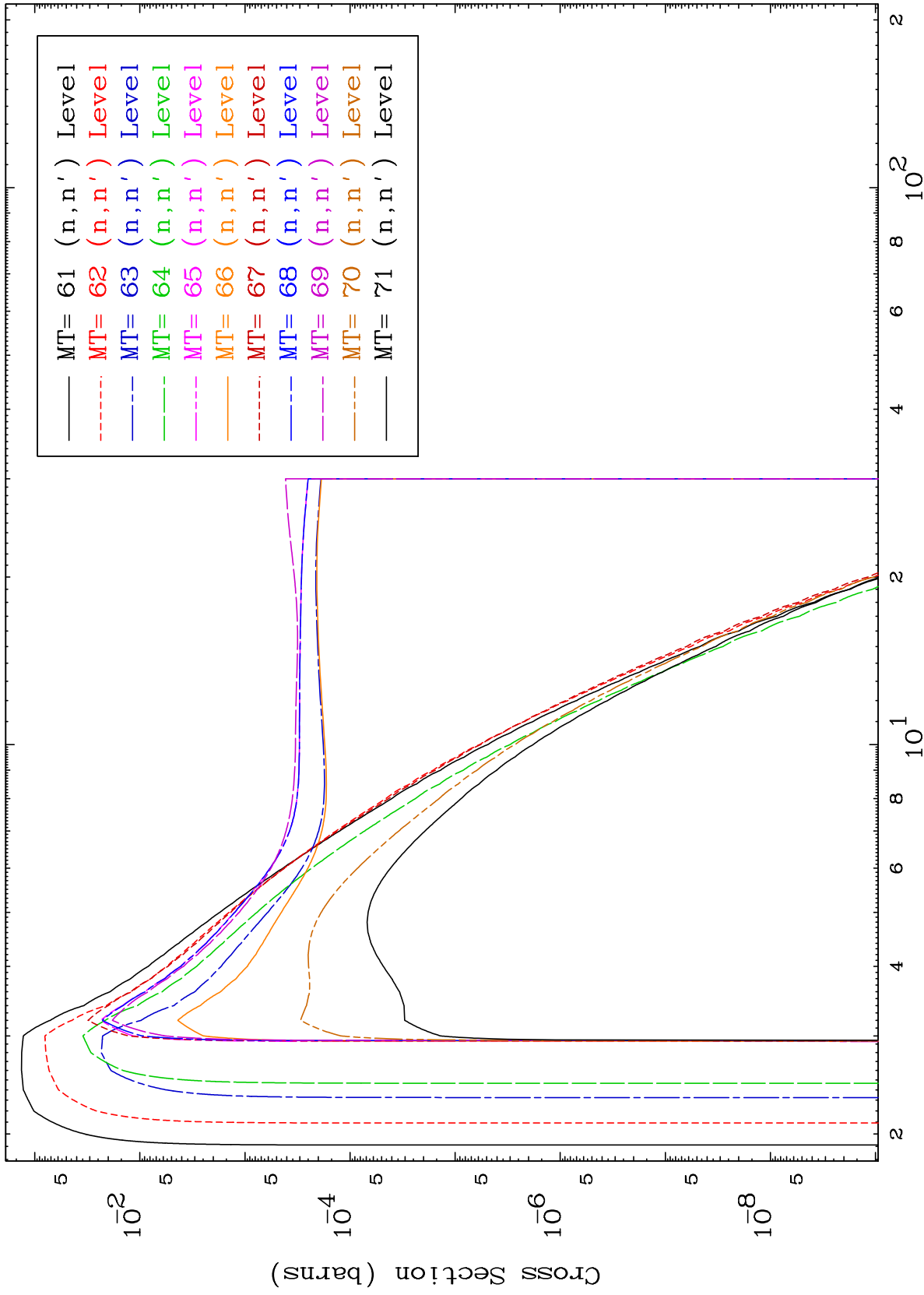


MAT 3934

(n,n') Level

293 Kelvin Cross Sections

39-Y -92



8

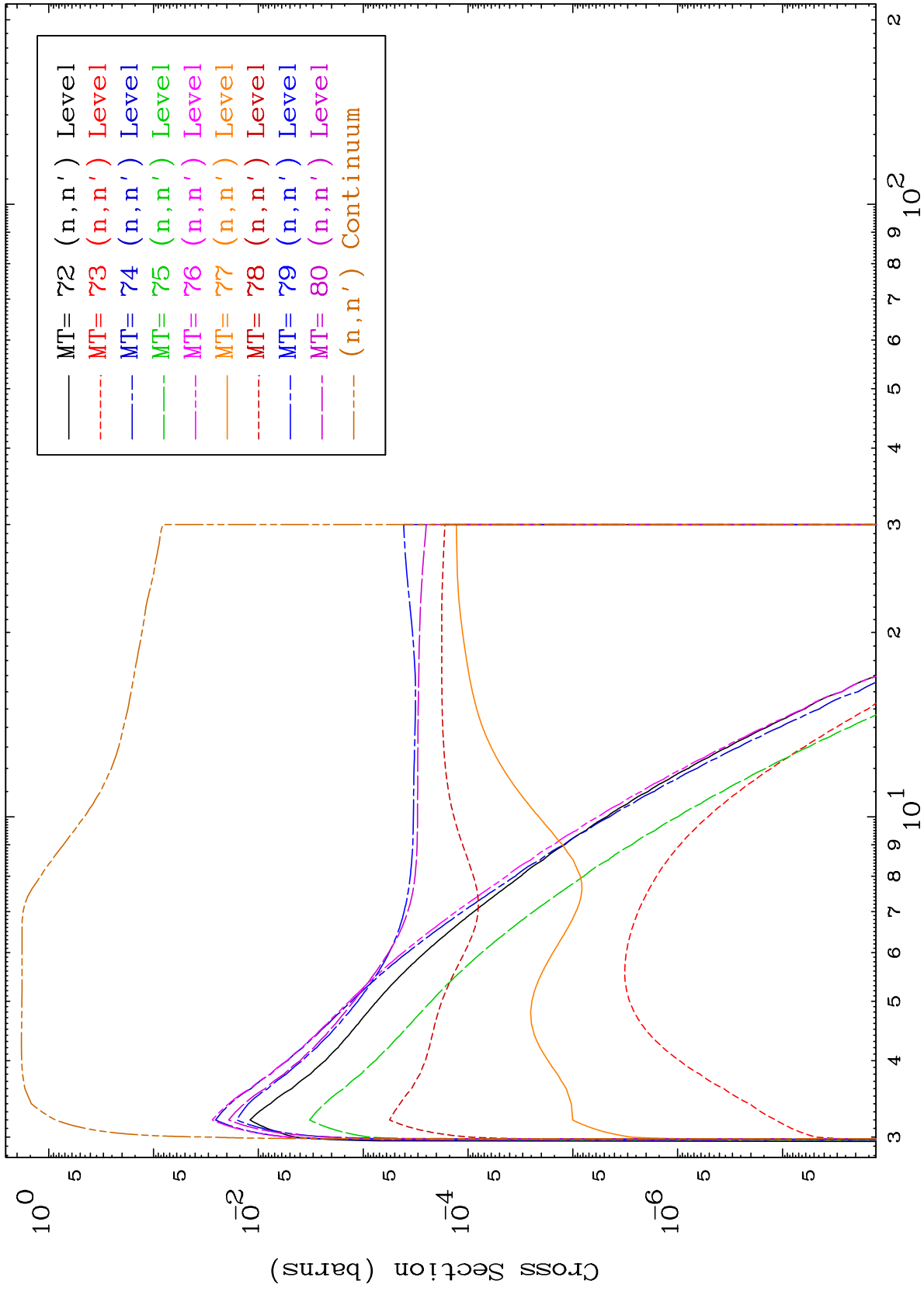
Incident Energy (MeV)

39-Y -92

MAT 3934

(n,n') Level  
293 Kelvin Cross Sections

39-Y -92



9

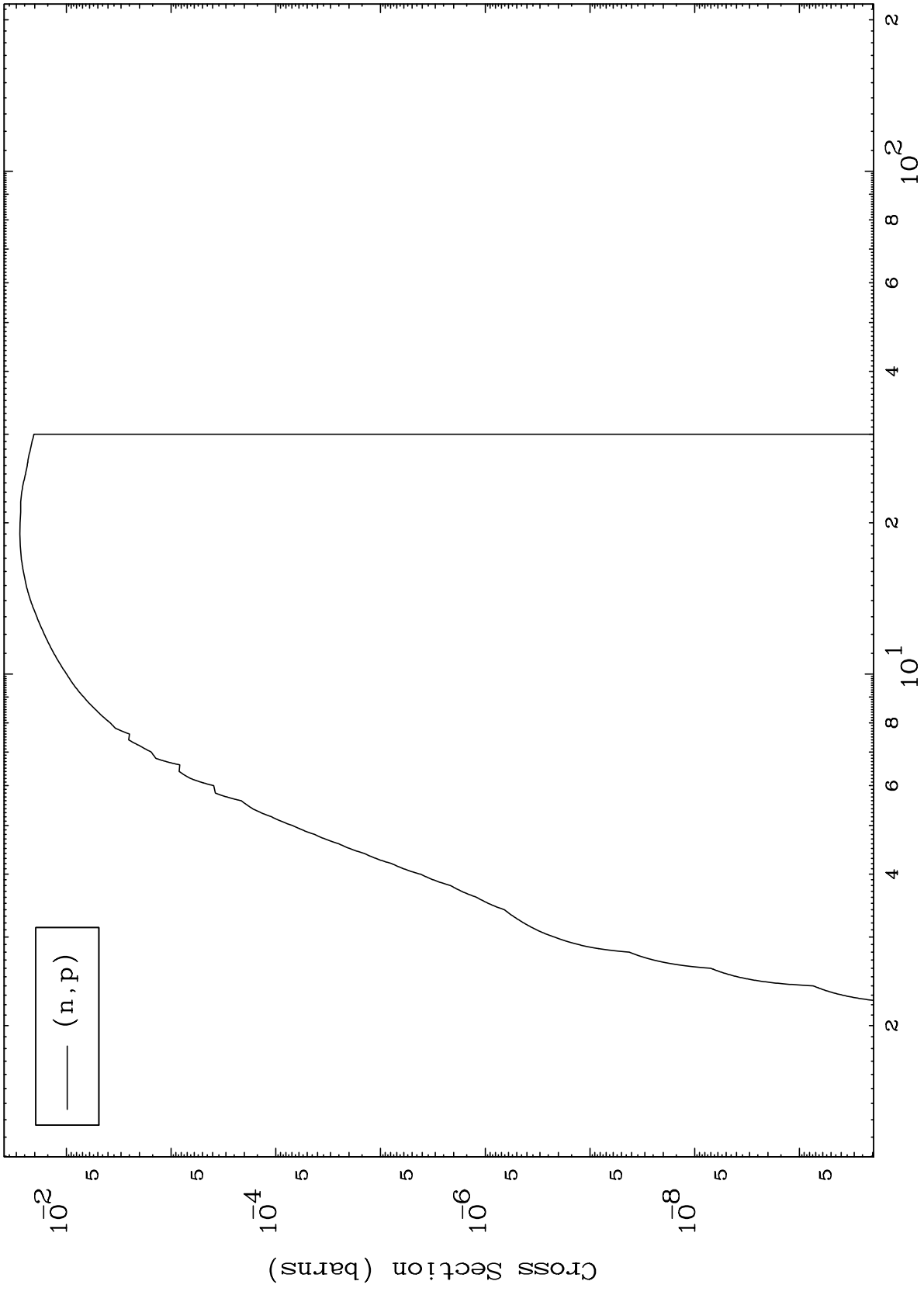
Incident Energy (MeV)

39-Y -92

MAT 3934

(n,p) Levels  
293 Kelvin Cross Sections

39-Y -92



10

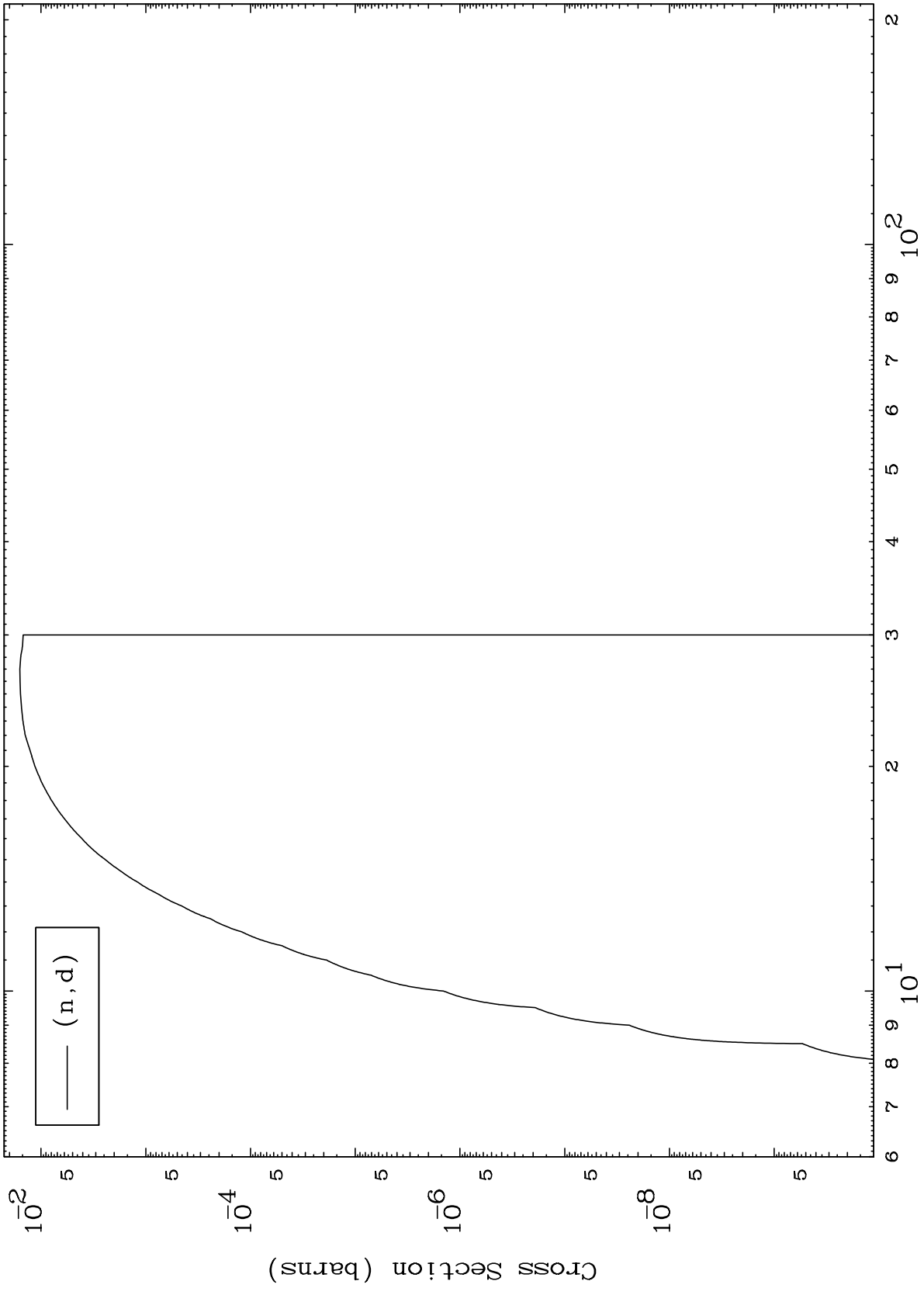
Incident Energy (MeV)

39-Y -92

MAT 3934

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -92



11

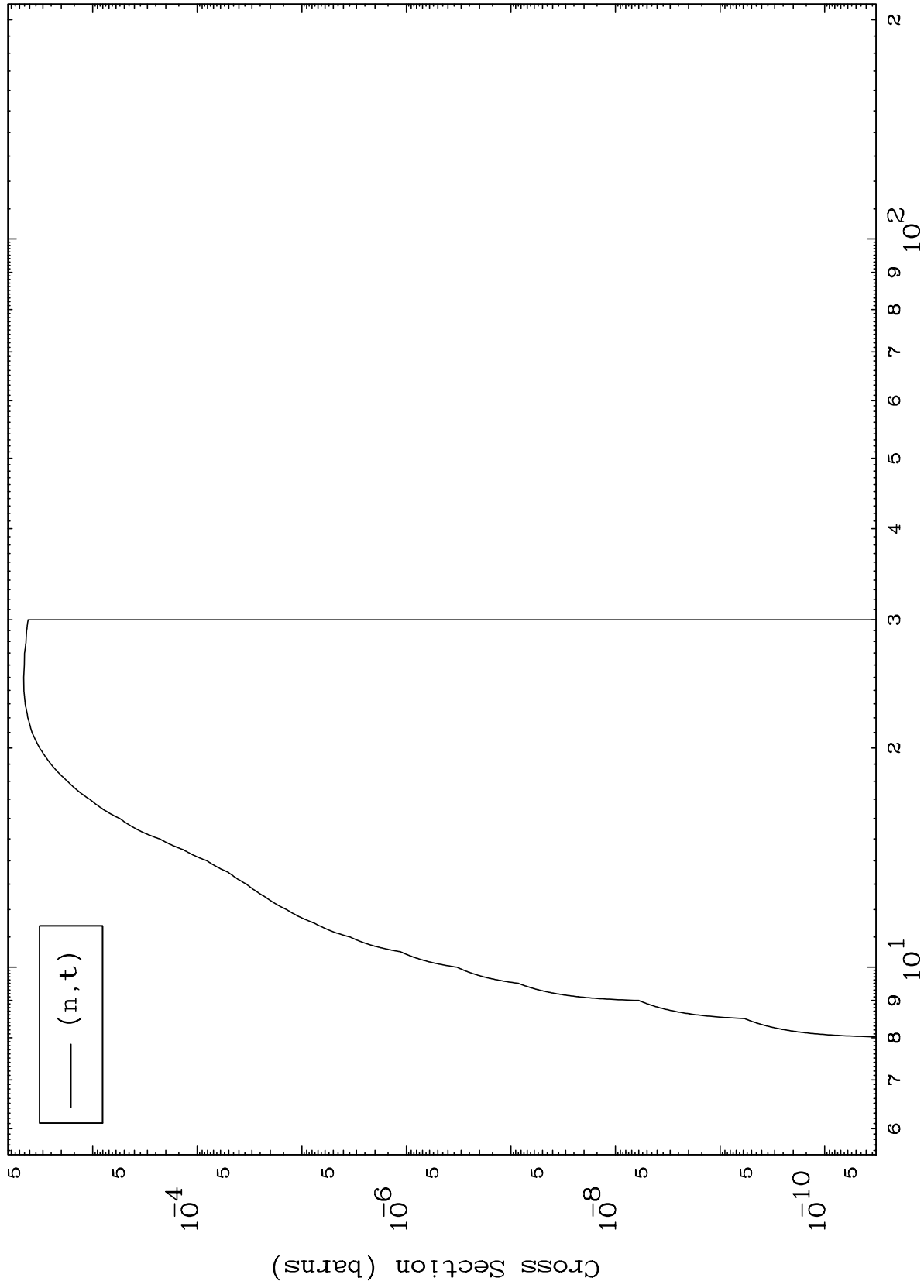
Incident Energy (MeV)

39-Y -92

MAT 3934

(n,t) Levels  
293 Kelvin Cross Sections

39-Y -92



12

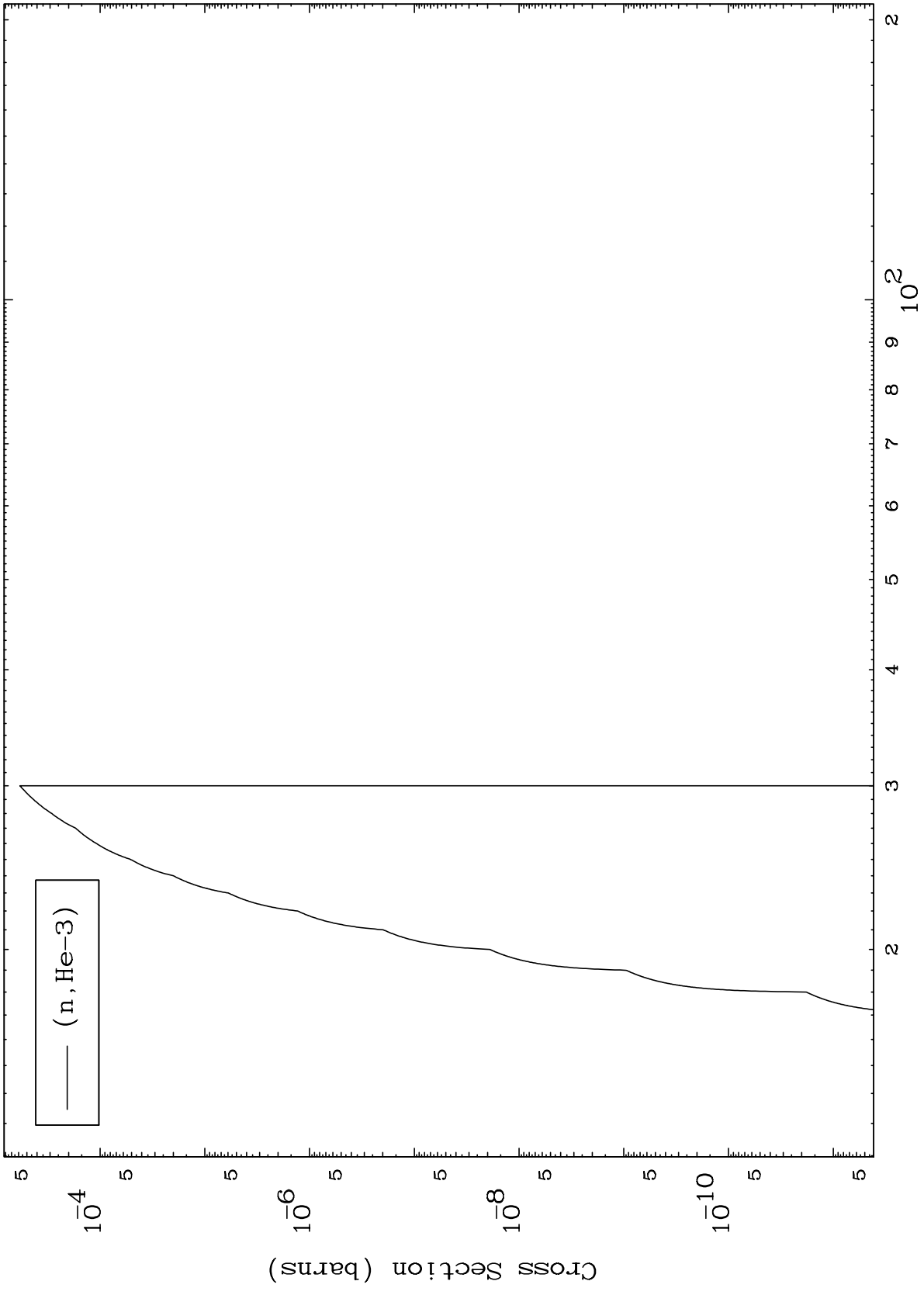
Incident Energy (MeV)

39-Y -92

MAT 3934

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -92



13

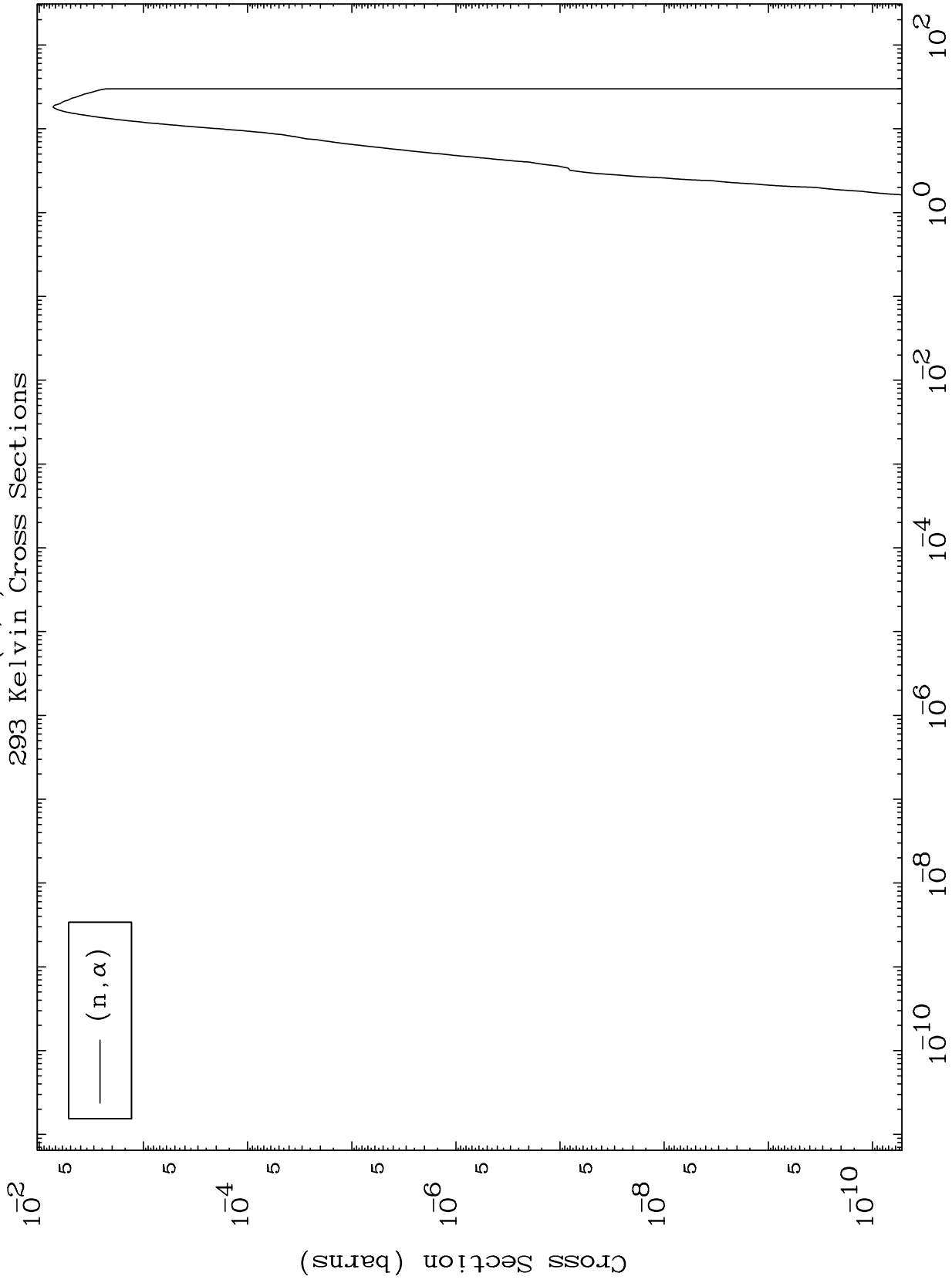
Incident Energy (MeV)

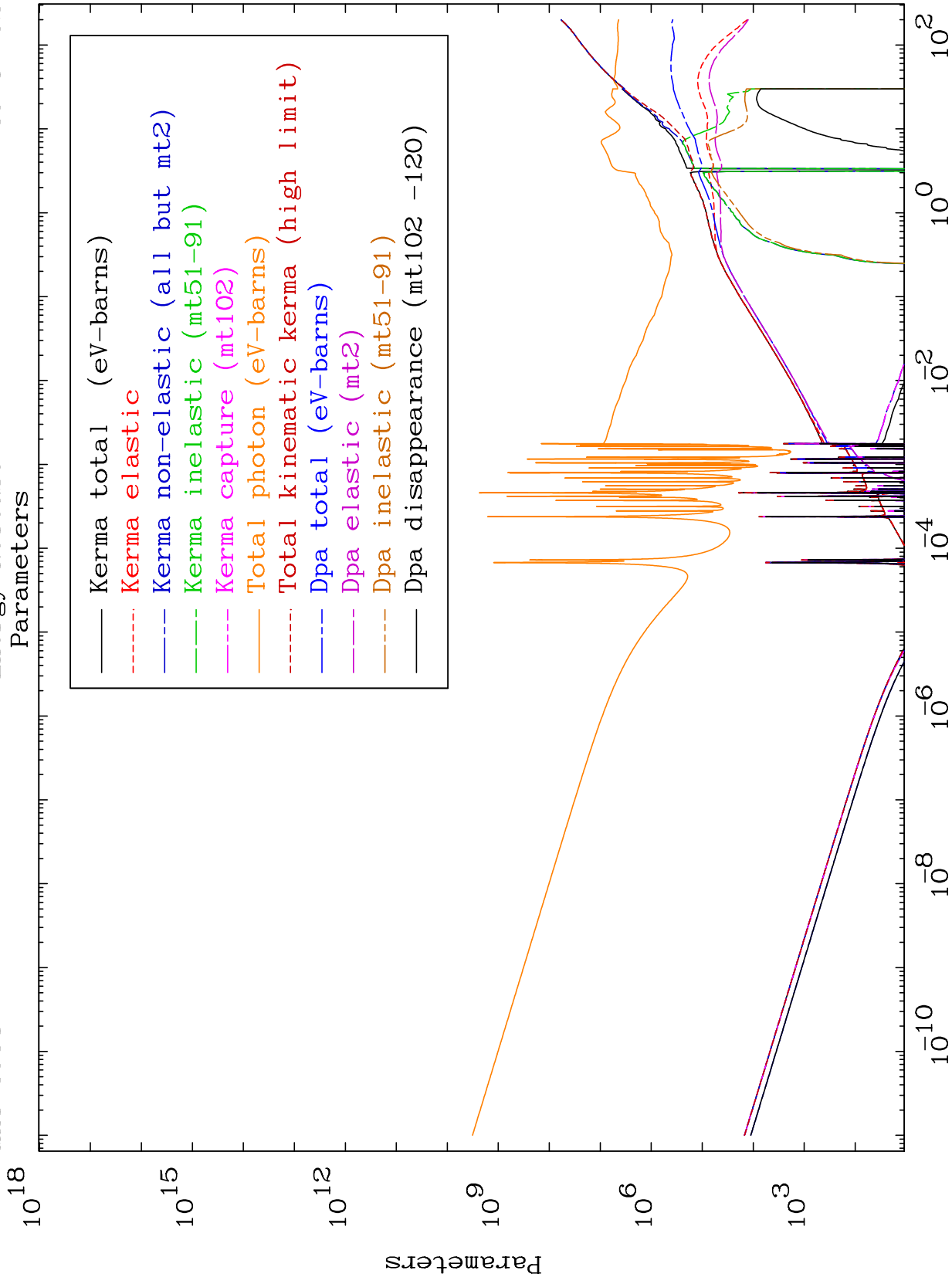
39-Y -92

MAT 3934

(n,α) Levels  
293 Kelvin Cross Sections

39-Y -92



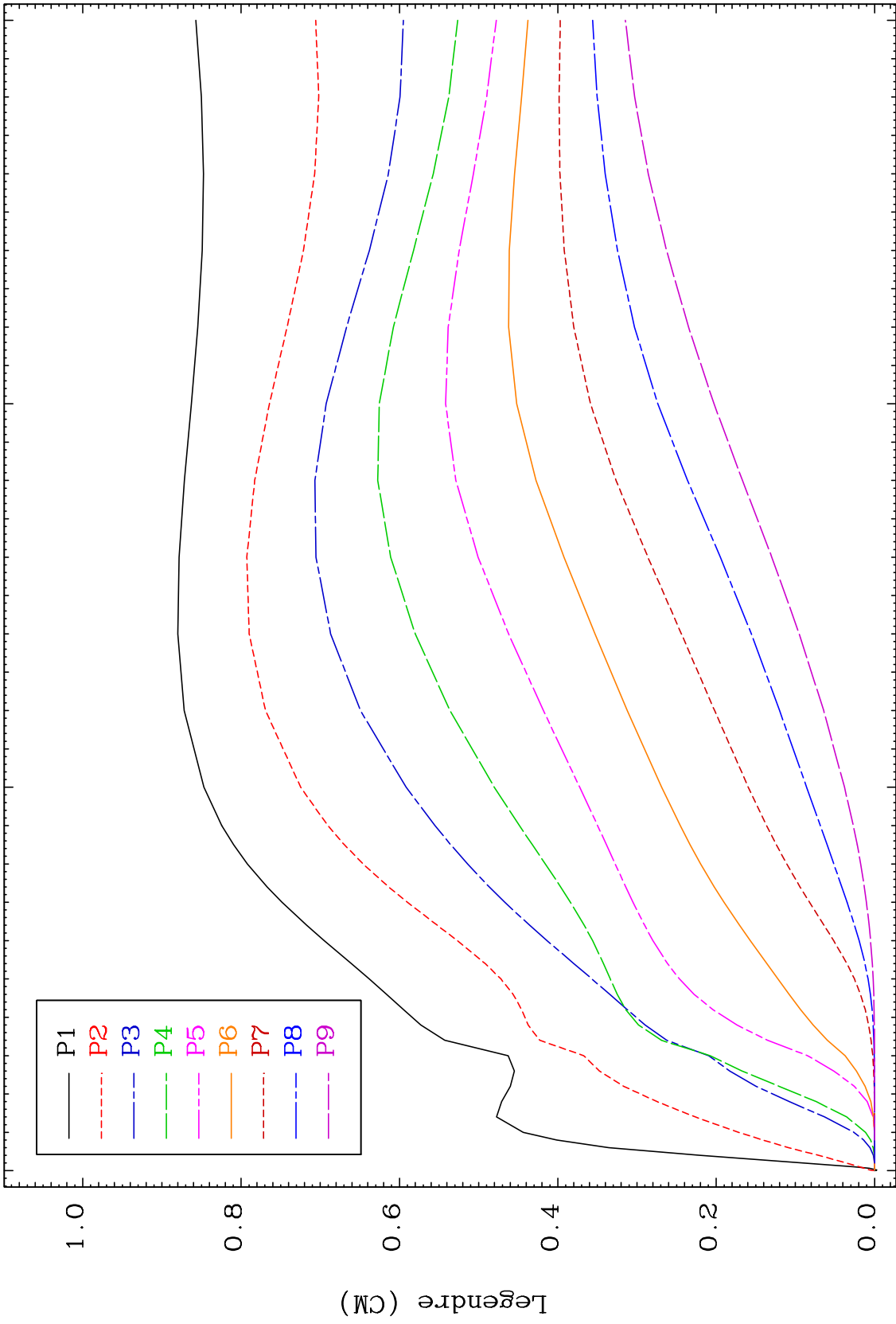




MAT 3934

Elastic Legendre Coefficients

39-Y -92



16

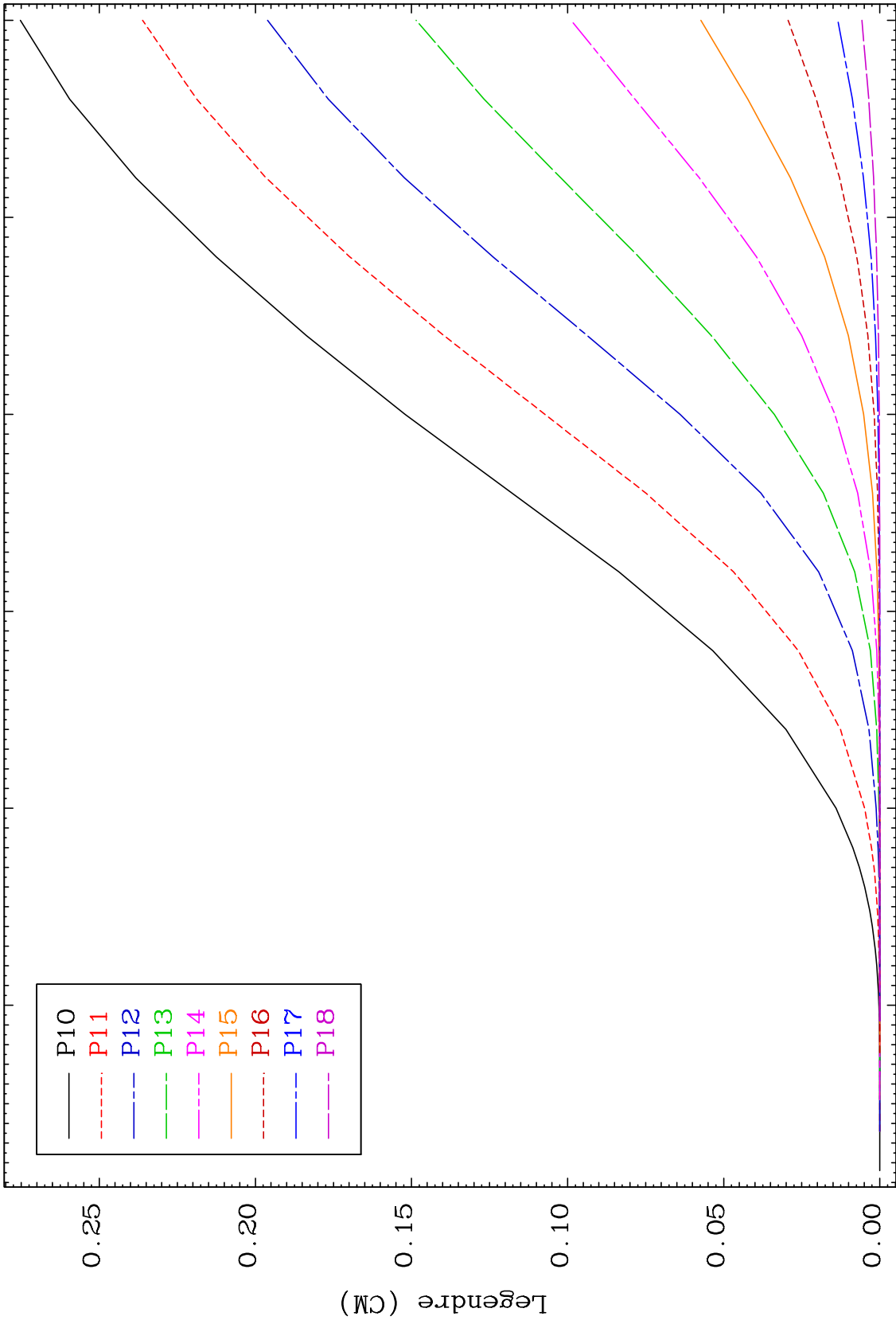
Incident Energy (MeV)

39-Y -92

MAT 3934

Elastic Legendre Coefficients

39-Y -92



17

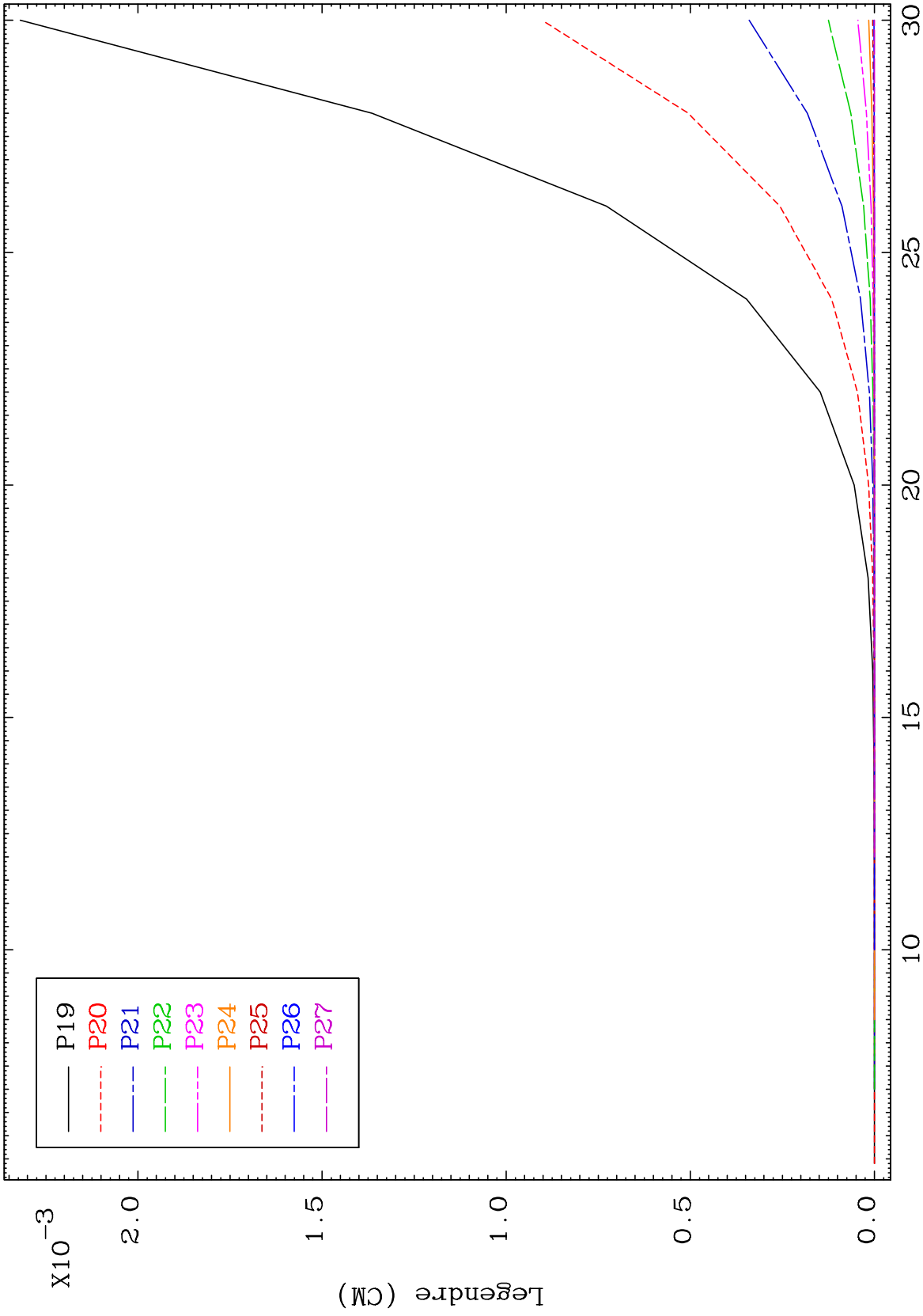
Incident Energy (MeV)

39-Y -92

MAT 3934

### Elastic Legendre Coefficients

39-Y -92



18

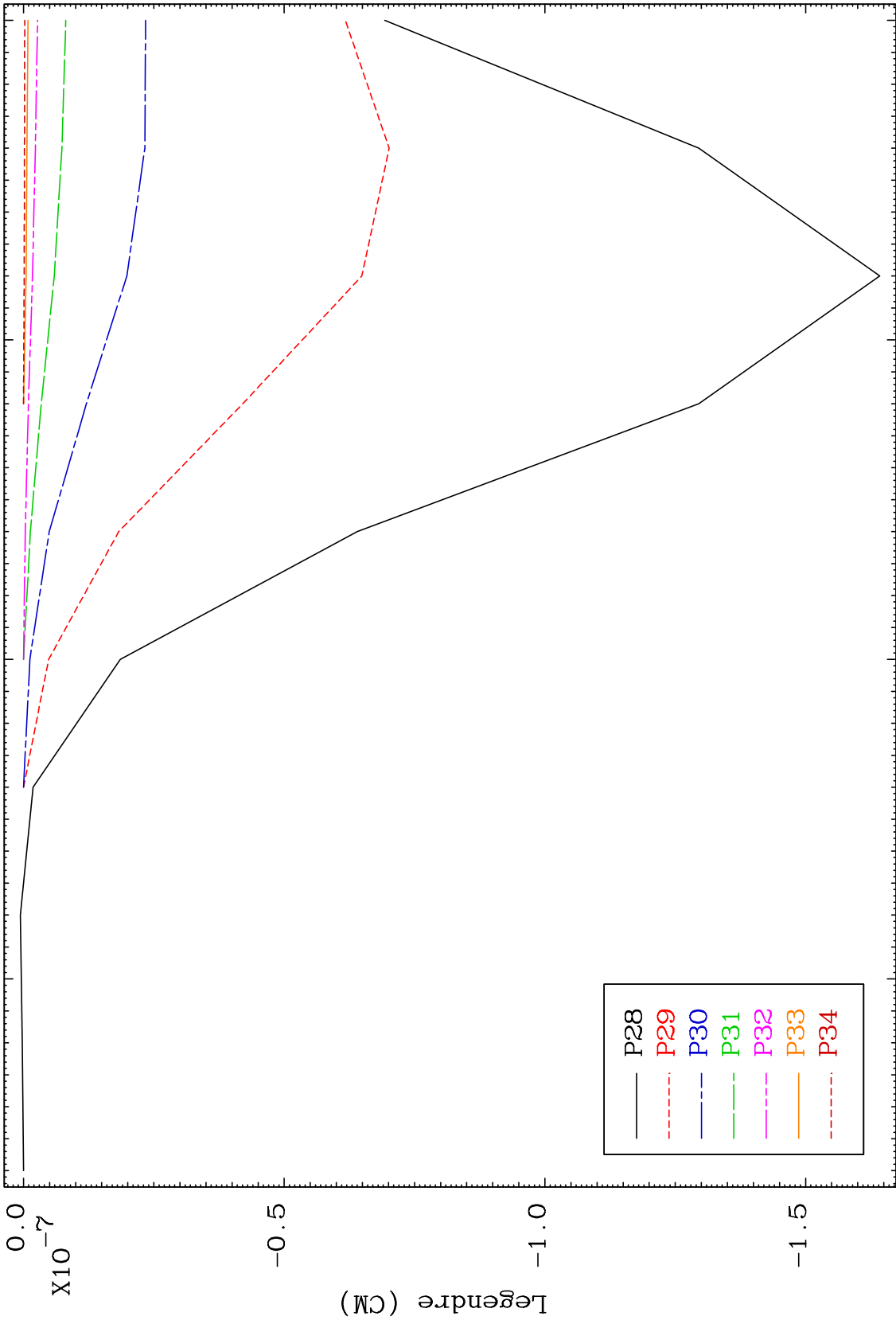
Incident Energy (MeV)

39-Y -92

MAT 3934

Elastic Legendre Coefficients

39-Y -92



19

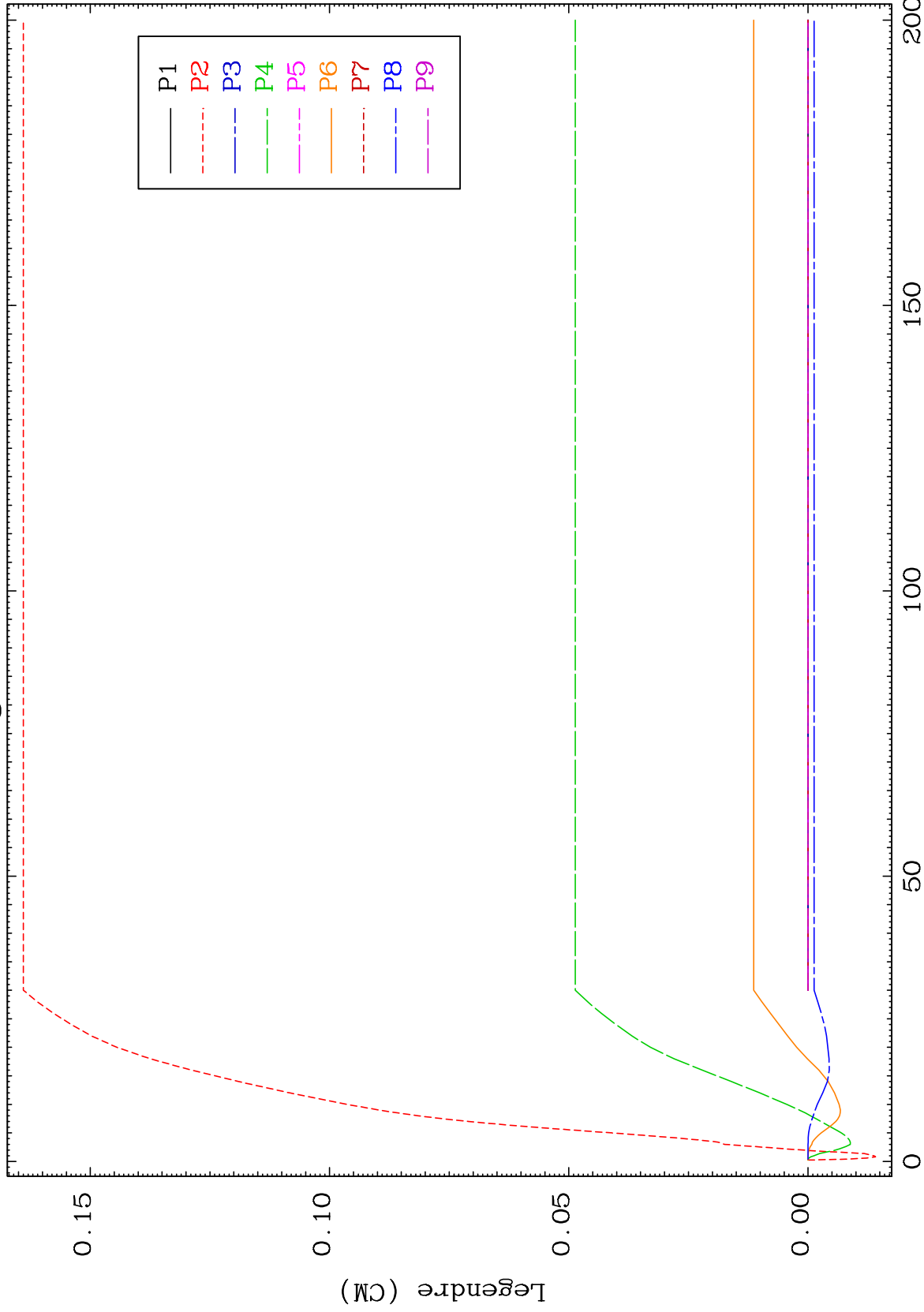
Incident Energy (MeV)

39-Y -92

MAT 3934

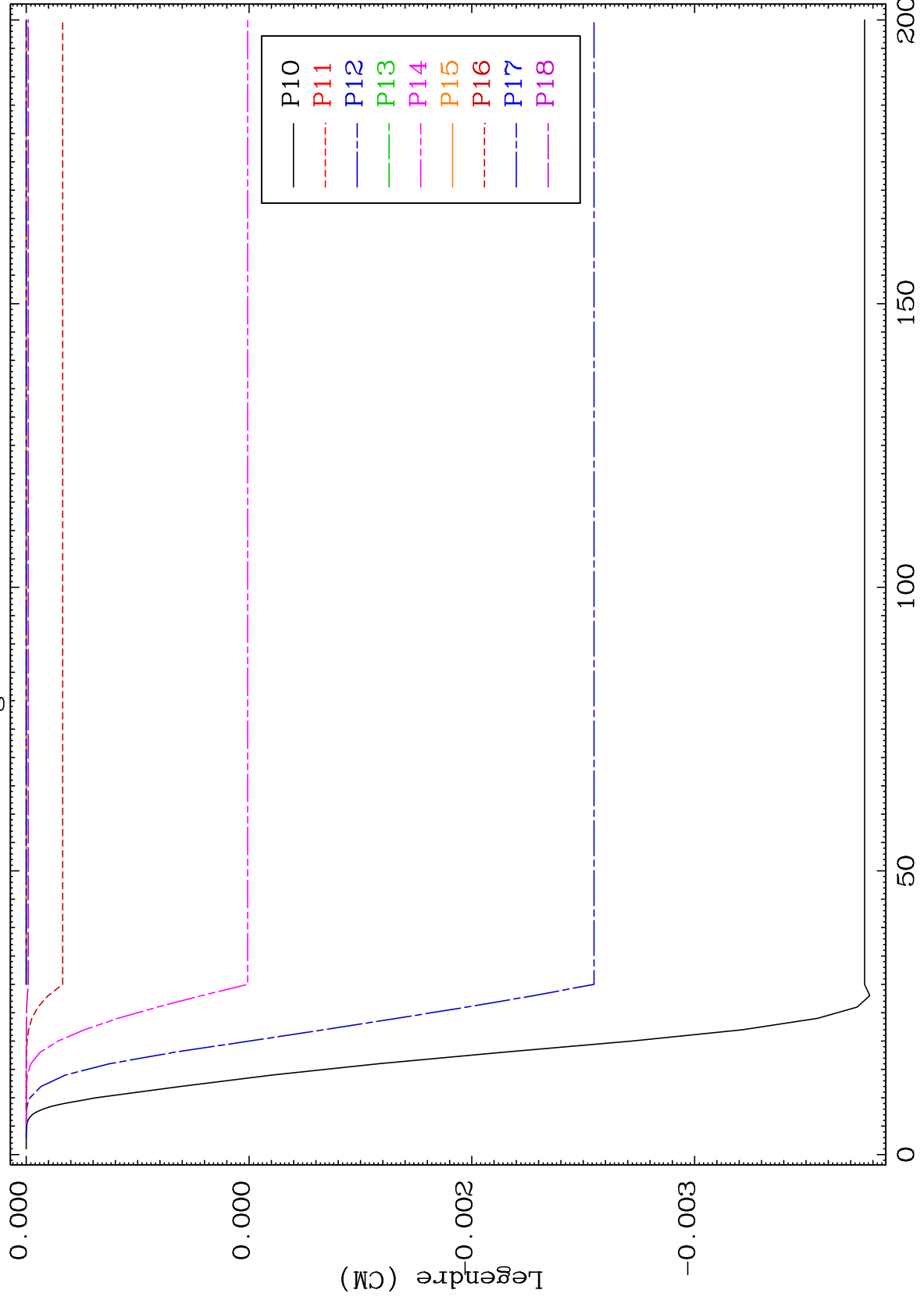
MT= 51 (n,n') Level  
Legendre Coefficients

39-Y -92



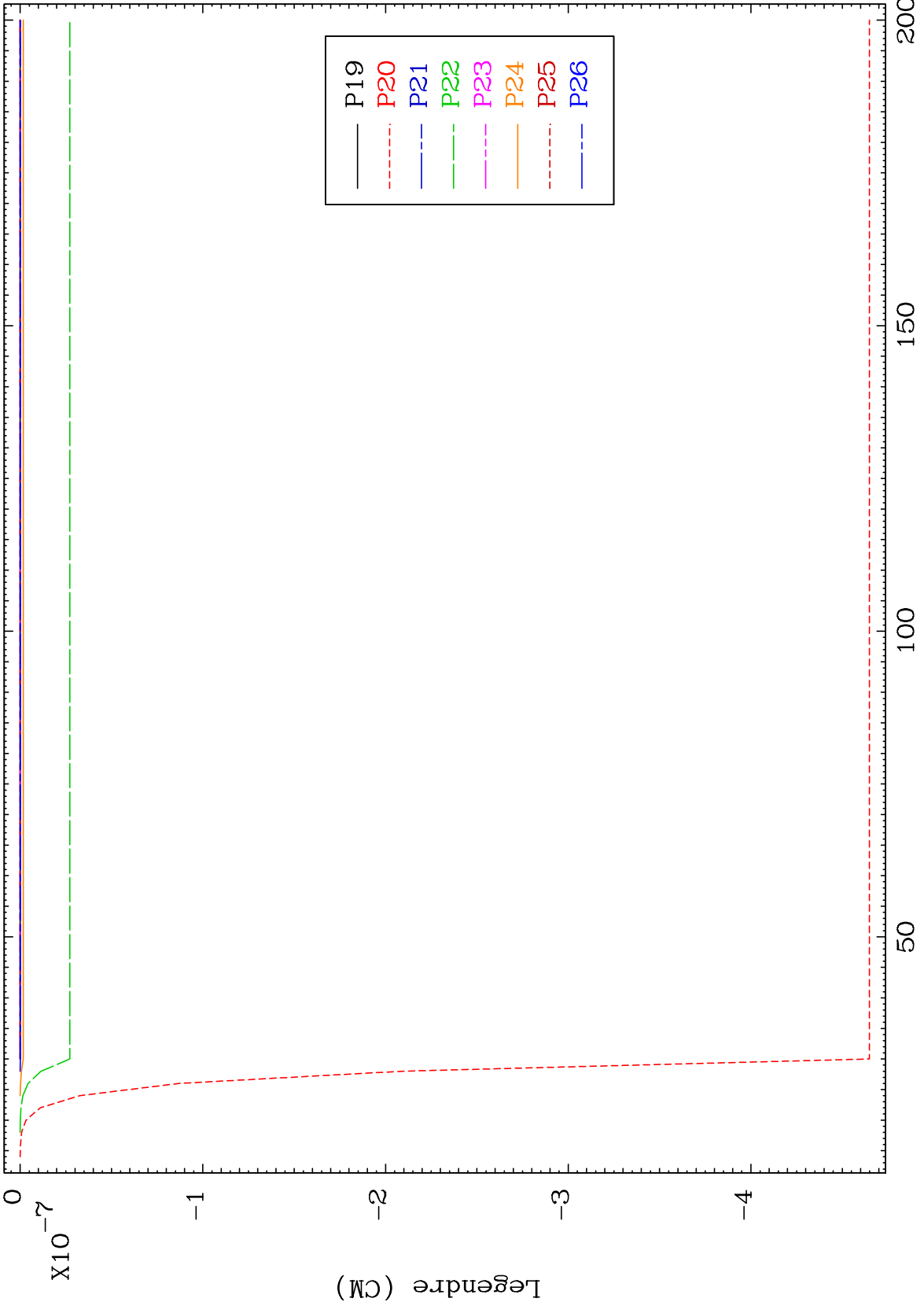
39-Y -92

MAT 3934 MT= 51 (n,n') Level Legendre Coefficients 39-Y -92



21 39-Y -92

MAT 3934 MT= 51 (n,n') Level Legendre Coefficients 39-Y -92

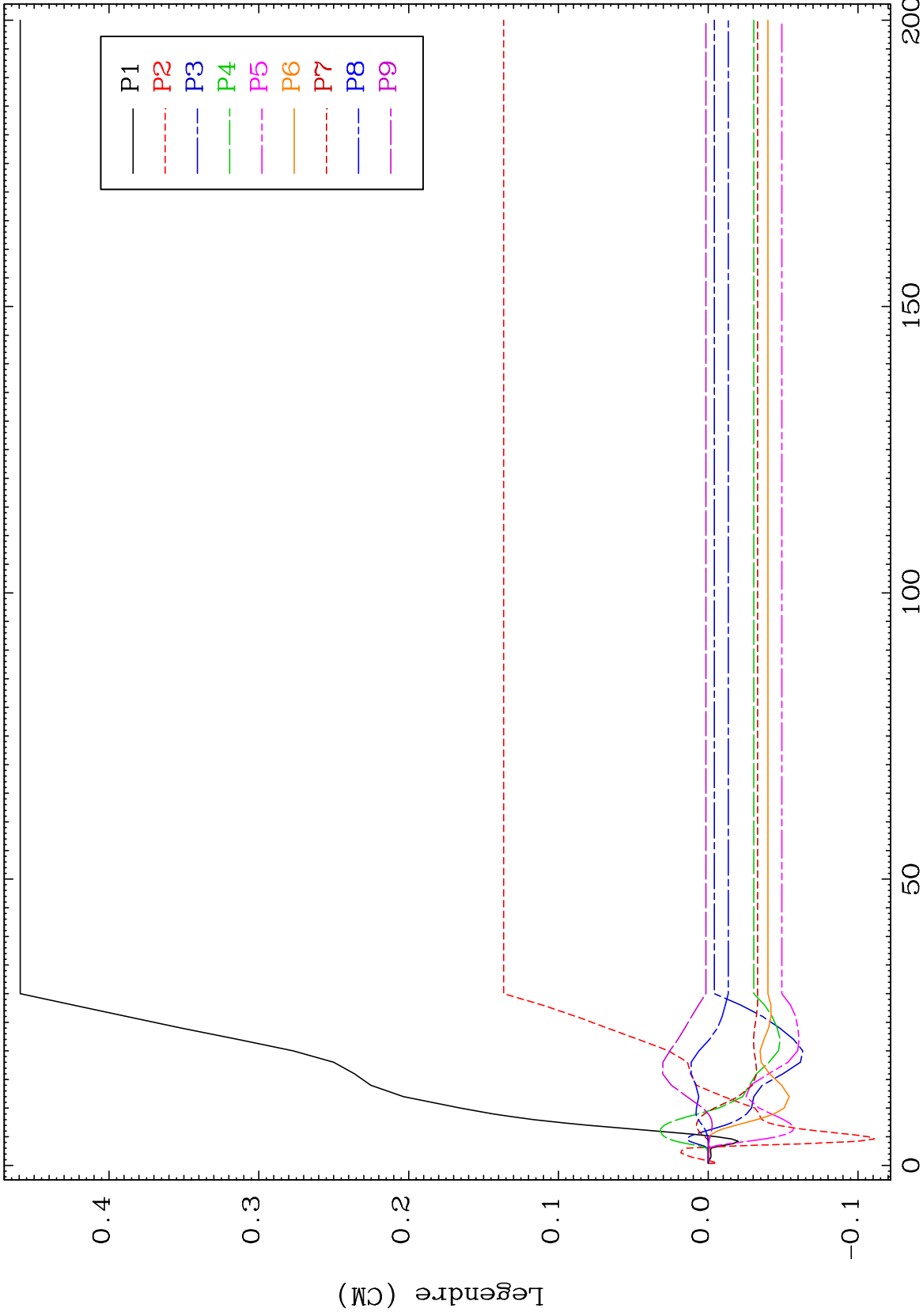


22 39-Y -92

MAT 3934

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

39-Y -92



23

Incident Energy (MeV)

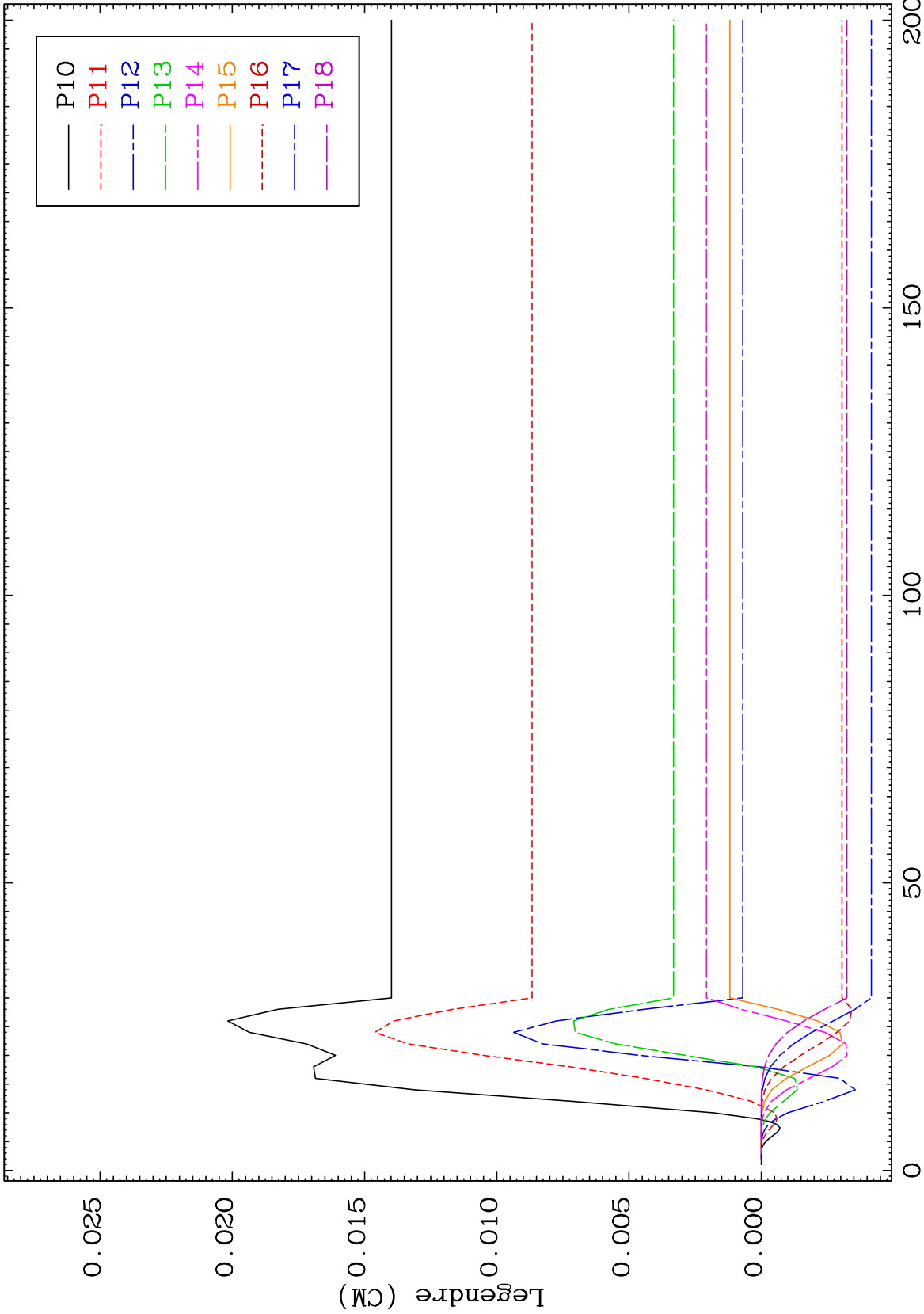
39-Y -92



MAT 3934

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

39-Y -92

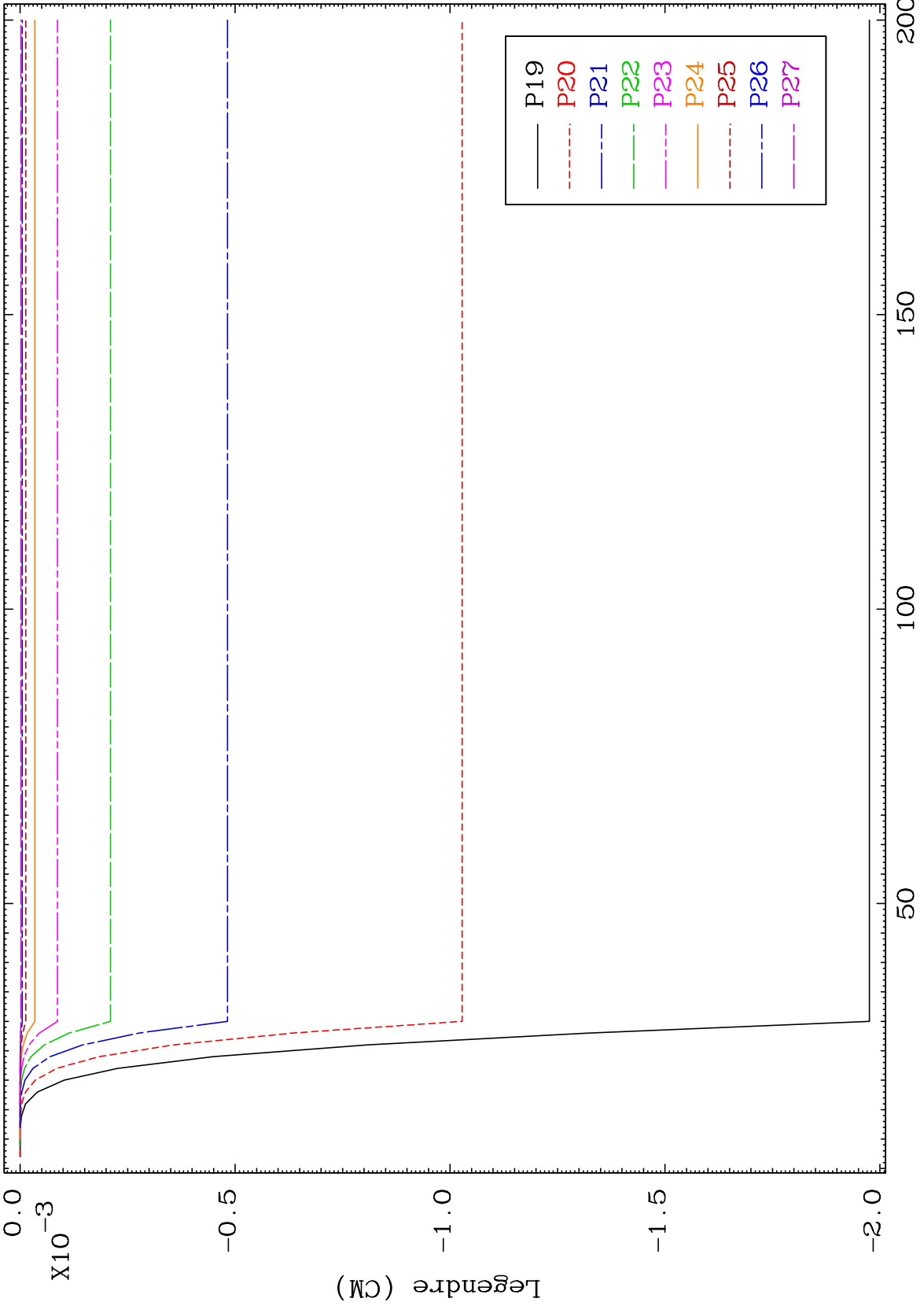


24

Incident Energy (MeV)

39-Y -92

MAT 3934 MT= 52 (n,n') Level Legendre Coefficients 39-Y -92

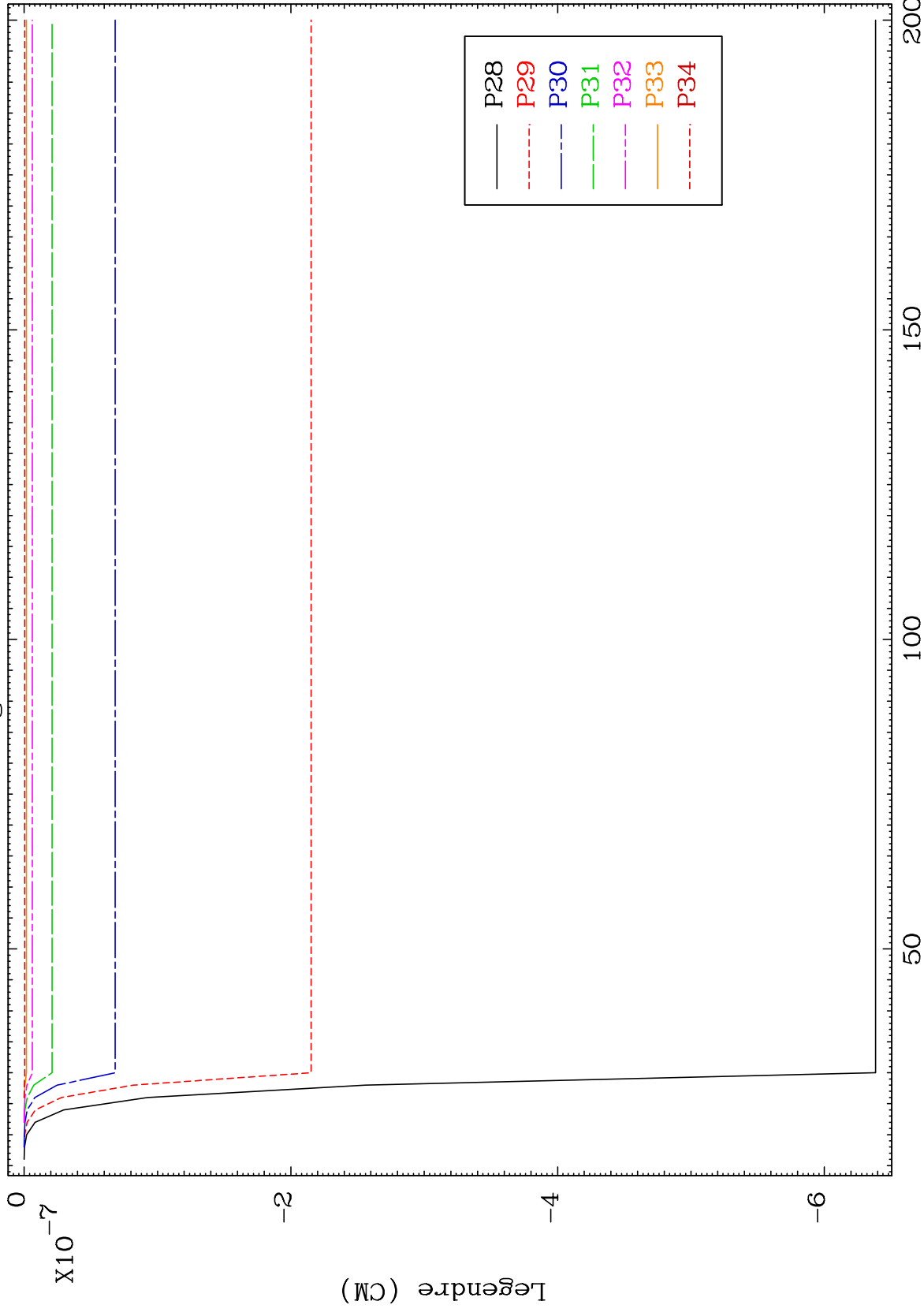


25 Incident Energy (MeV) 39-Y -92

MAT 3934

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

39-Y -92



39-Y -92

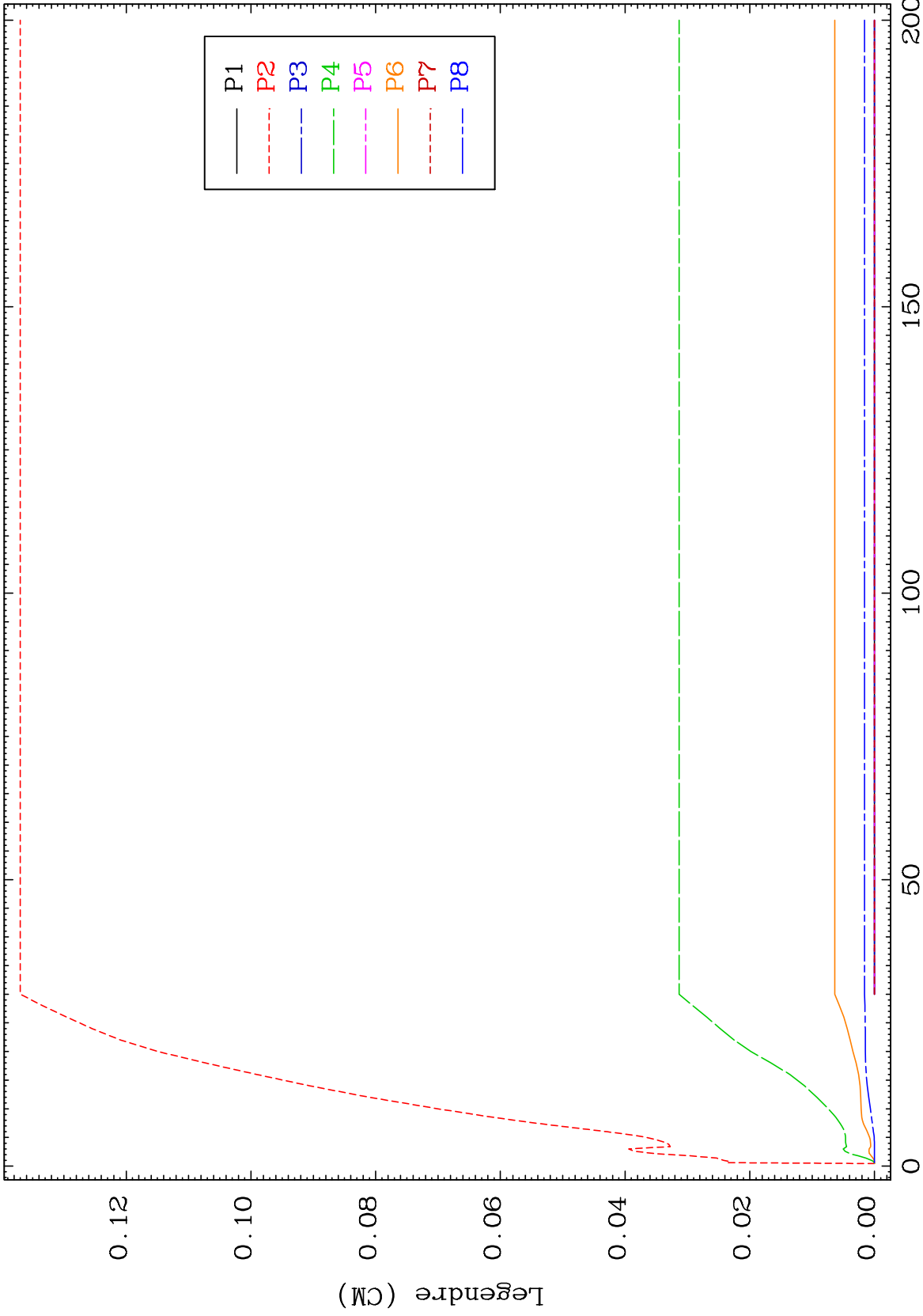
Incident Energy (MeV)

26

MAT 3934

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

39-Y -92



27

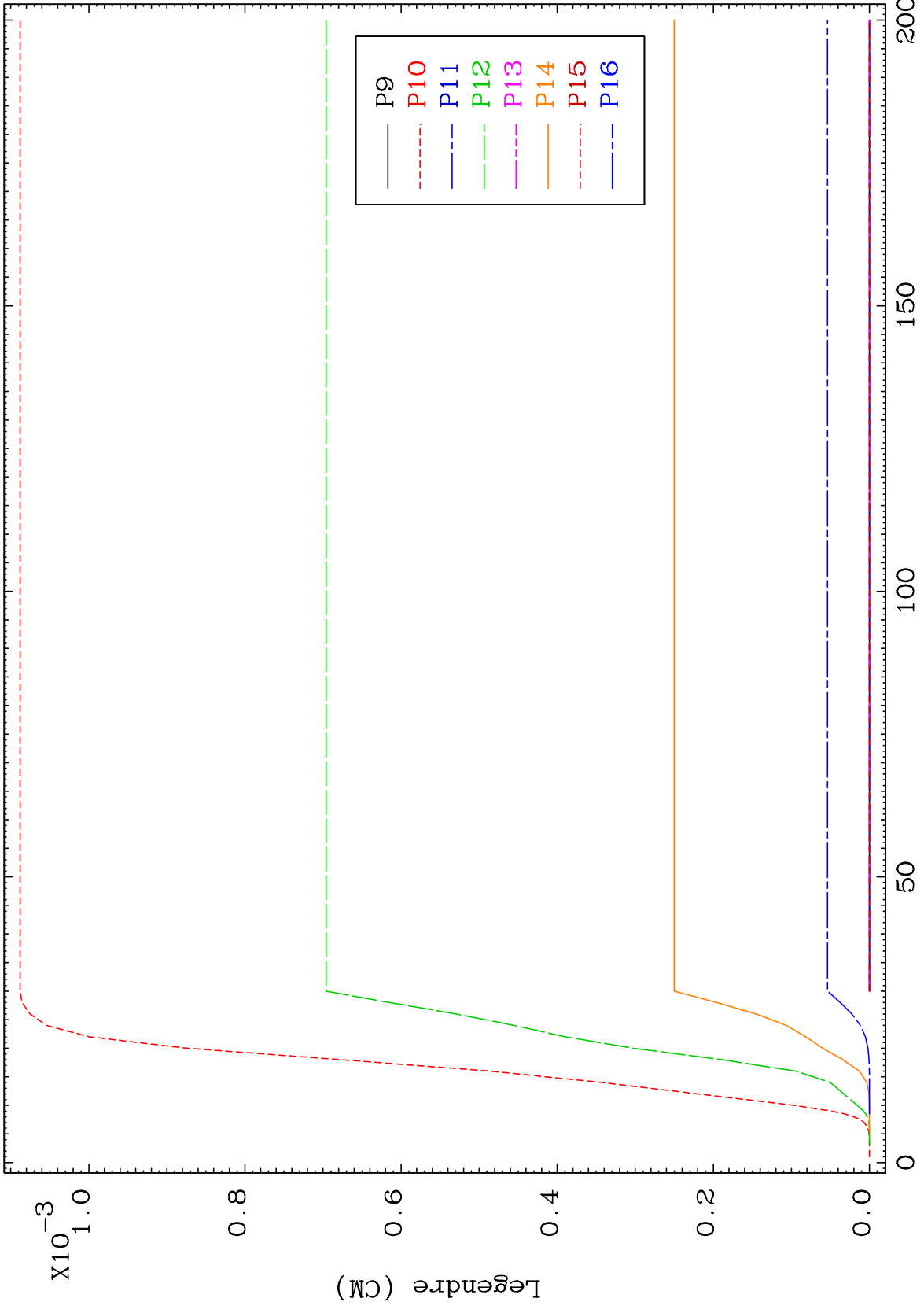
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

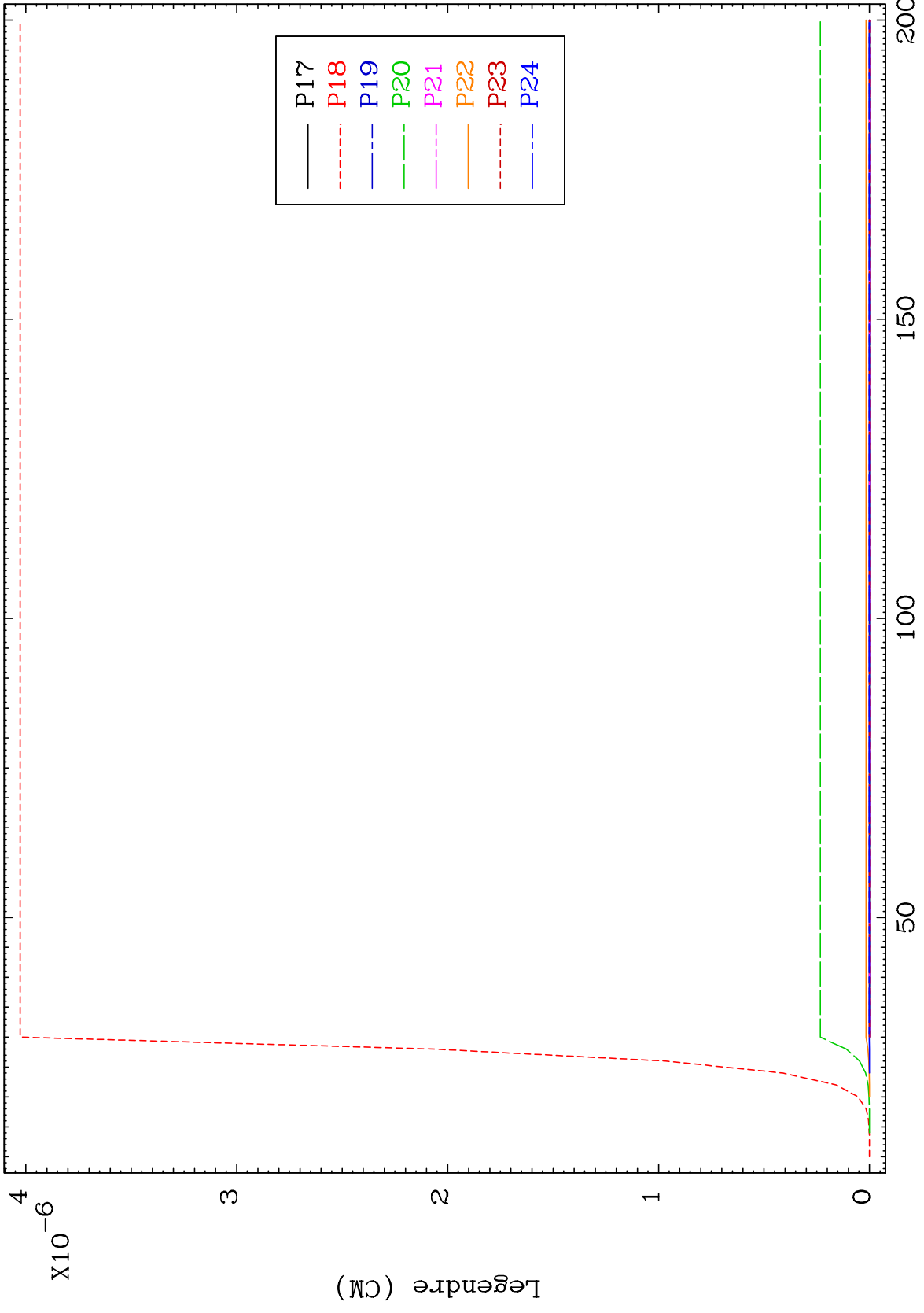


28

Incident Energy (MeV)

39-Y -92

MAT 3934 MT= 53 (n,n') Level Legendre Coefficients 39-Y -92

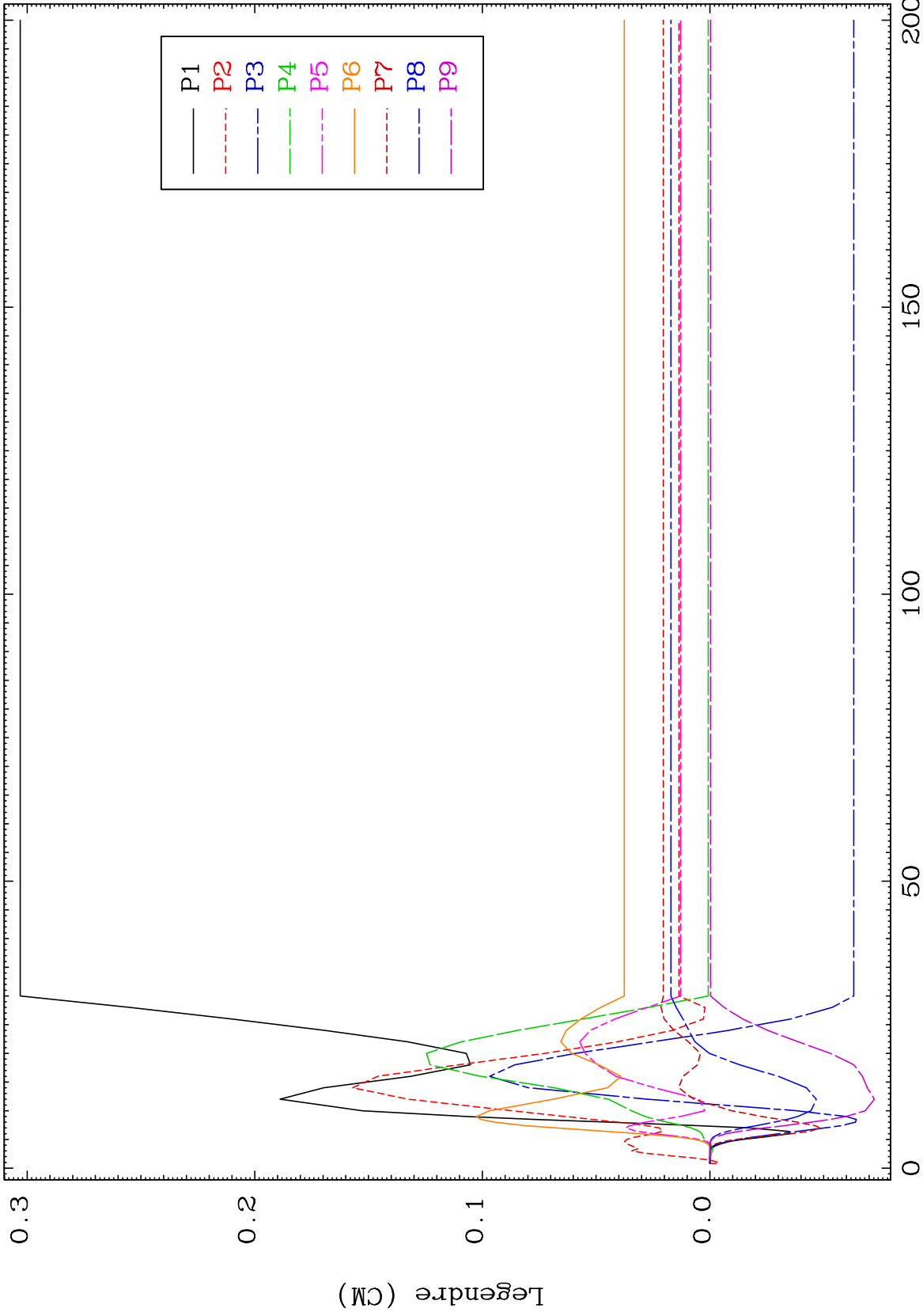


39-Y -92

MAT 3934

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

39-Y -92



39-Y -92

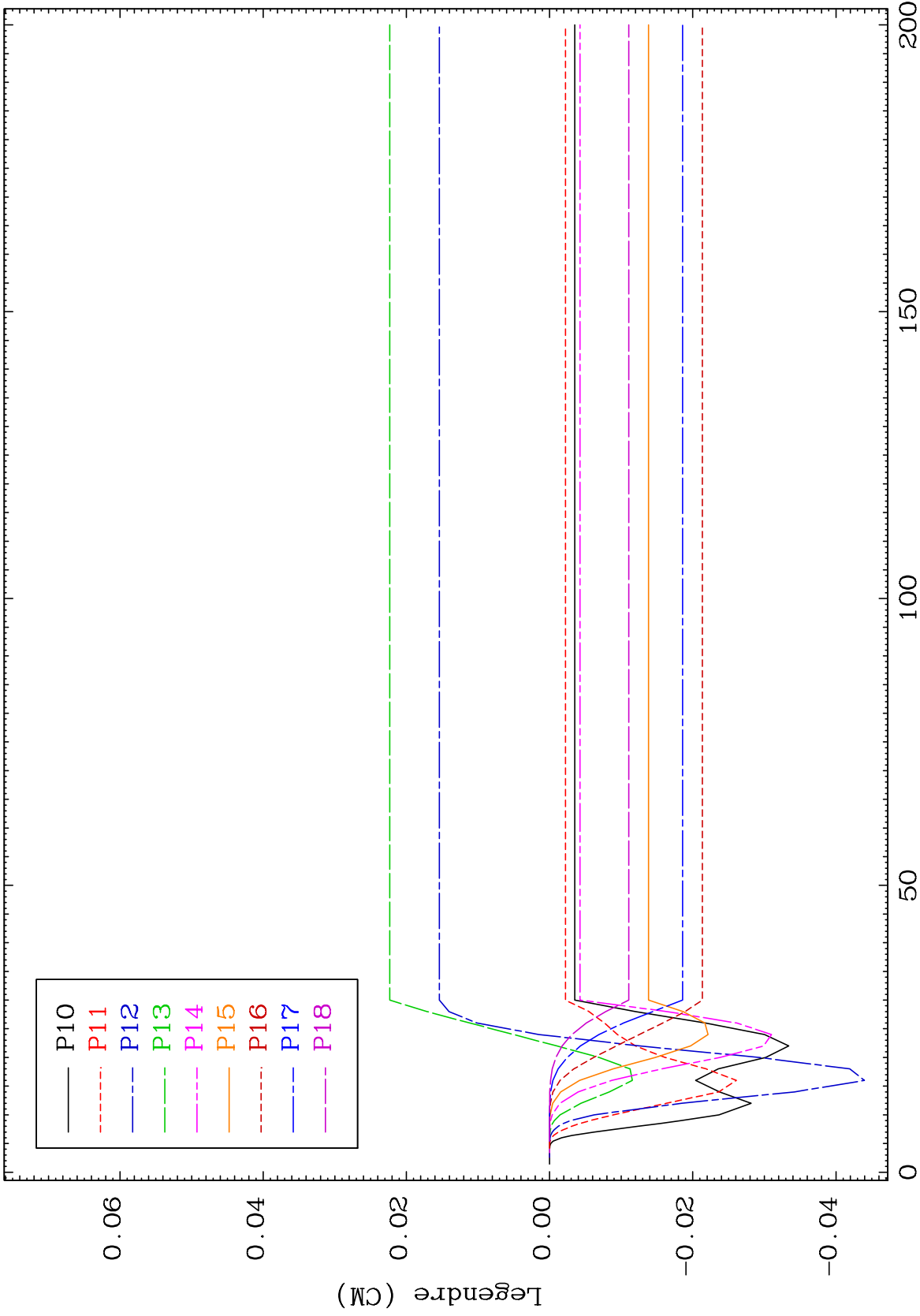
Incident Energy (MeV)

30

MAT 3934

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

39-Y -92



31

Incident Energy (MeV)

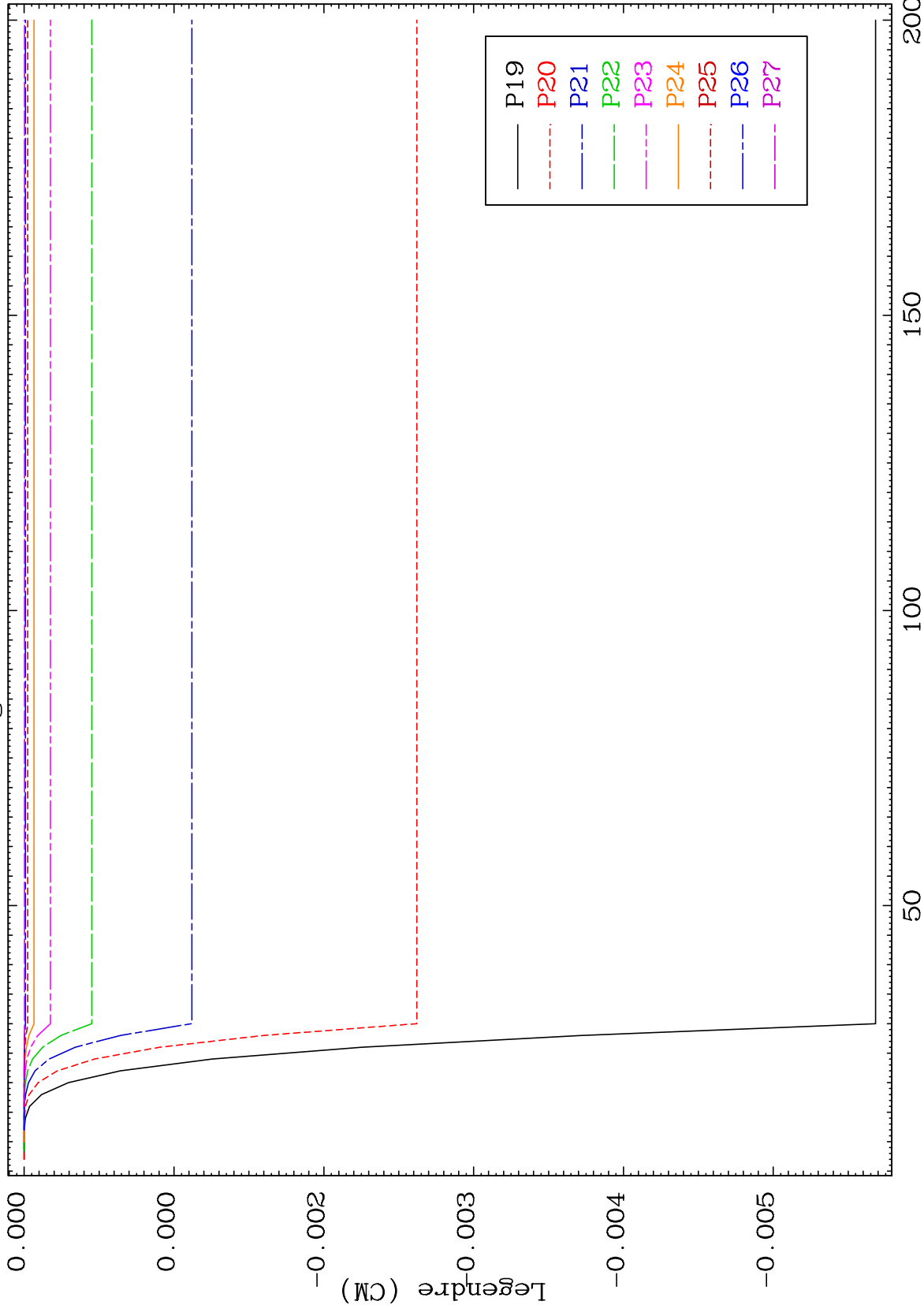
39-Y -92



MAT 3934

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

39-Y -92



39-Y -92

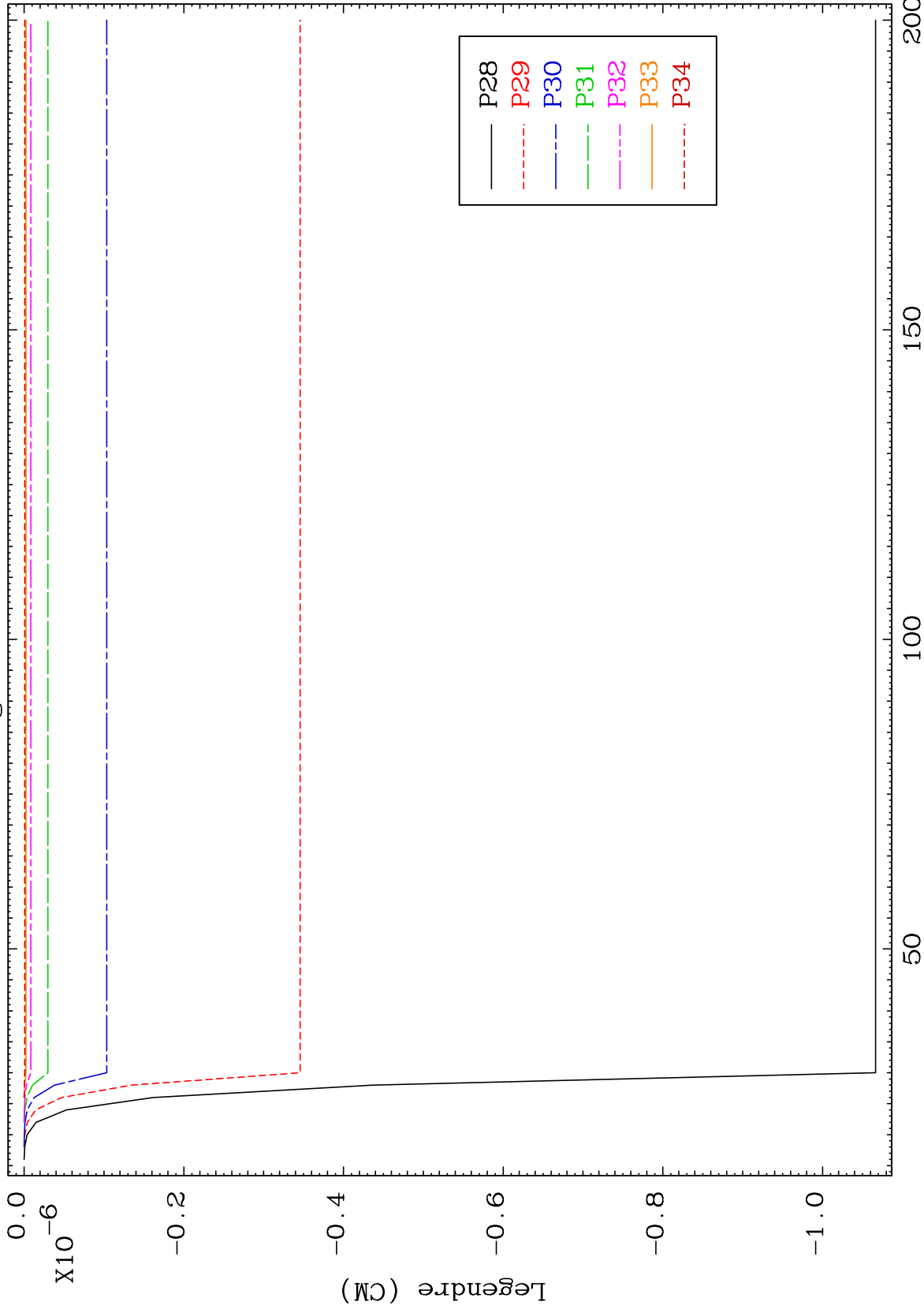
Incident Energy (MeV)

32

MAT 3934

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

39-Y -92



39-Y -92

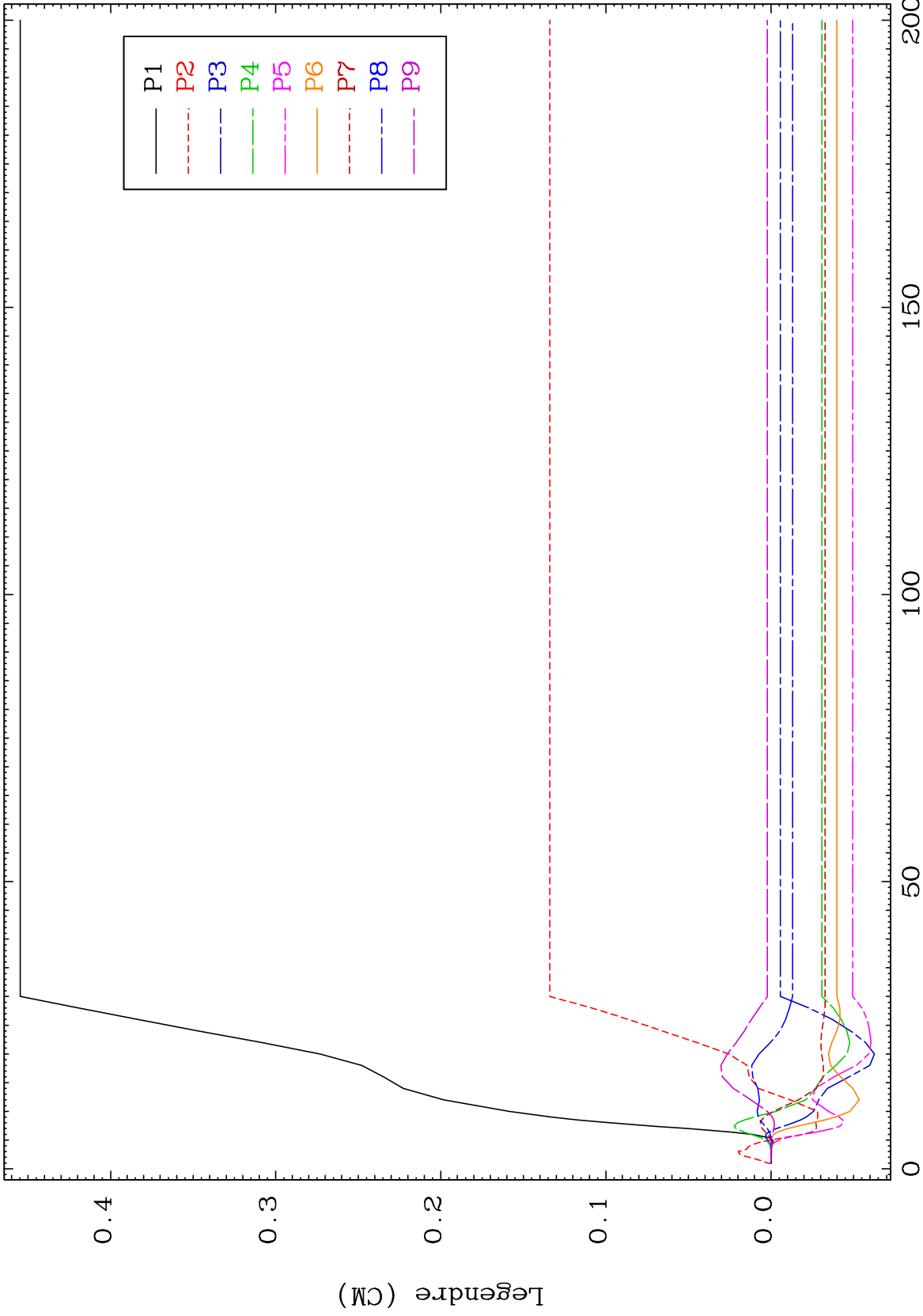
Incident Energy (MeV)

33

MAT 3934

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

39-Y -92



34

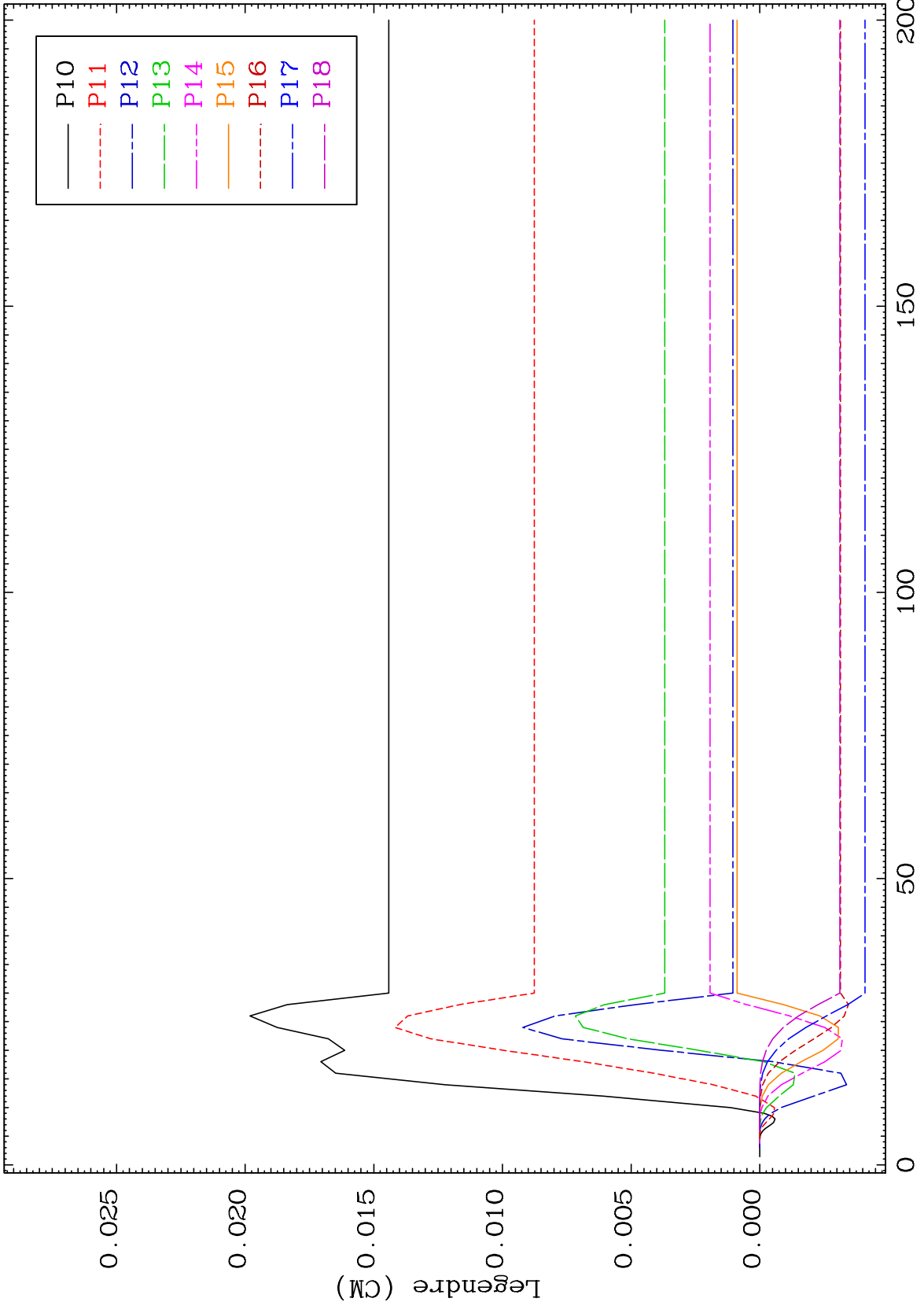
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



35

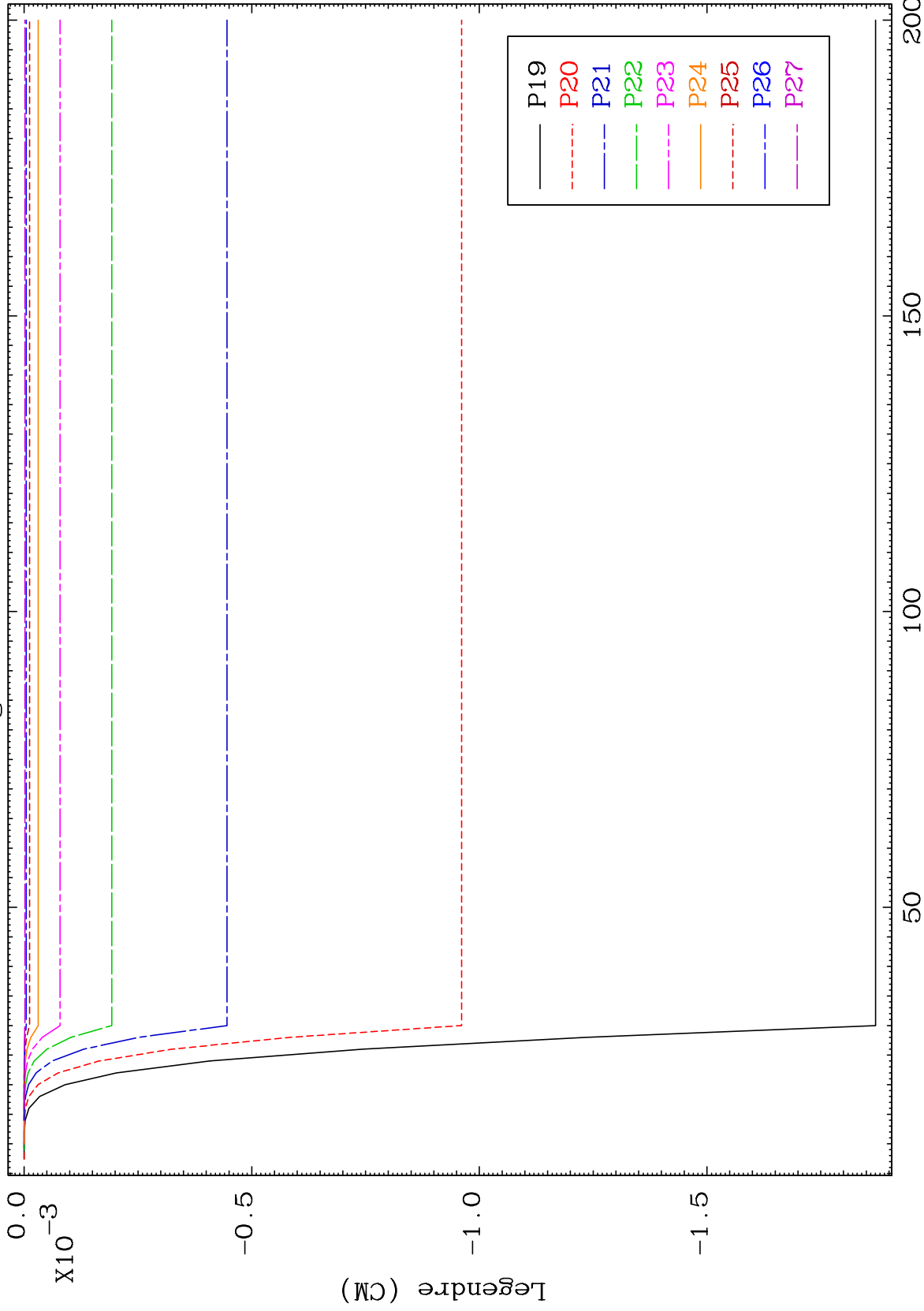
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

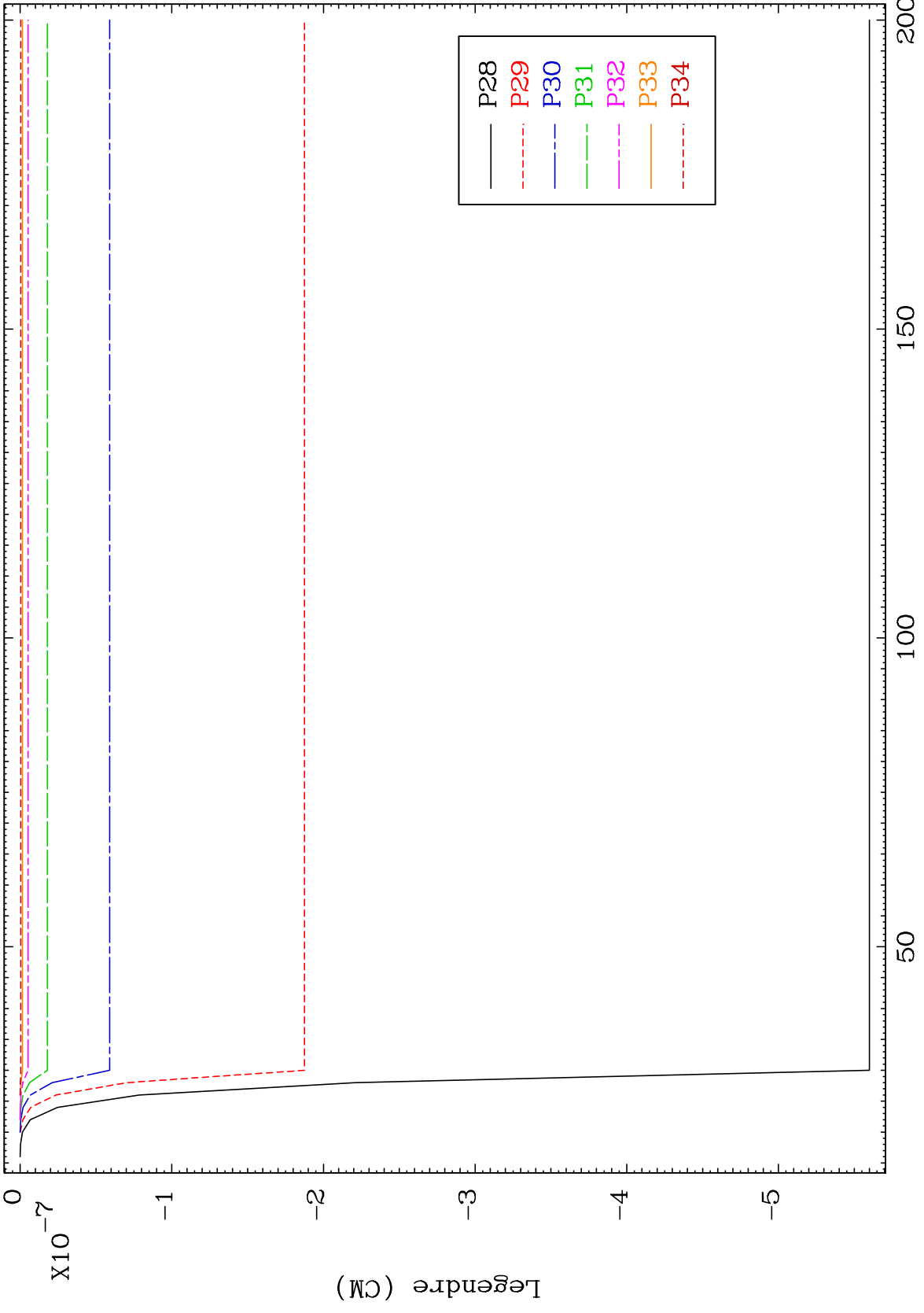


36

39-Y -92

MAT 3934 MT= 55 (n,n') Level 39-Y -92

Legendre Coefficients

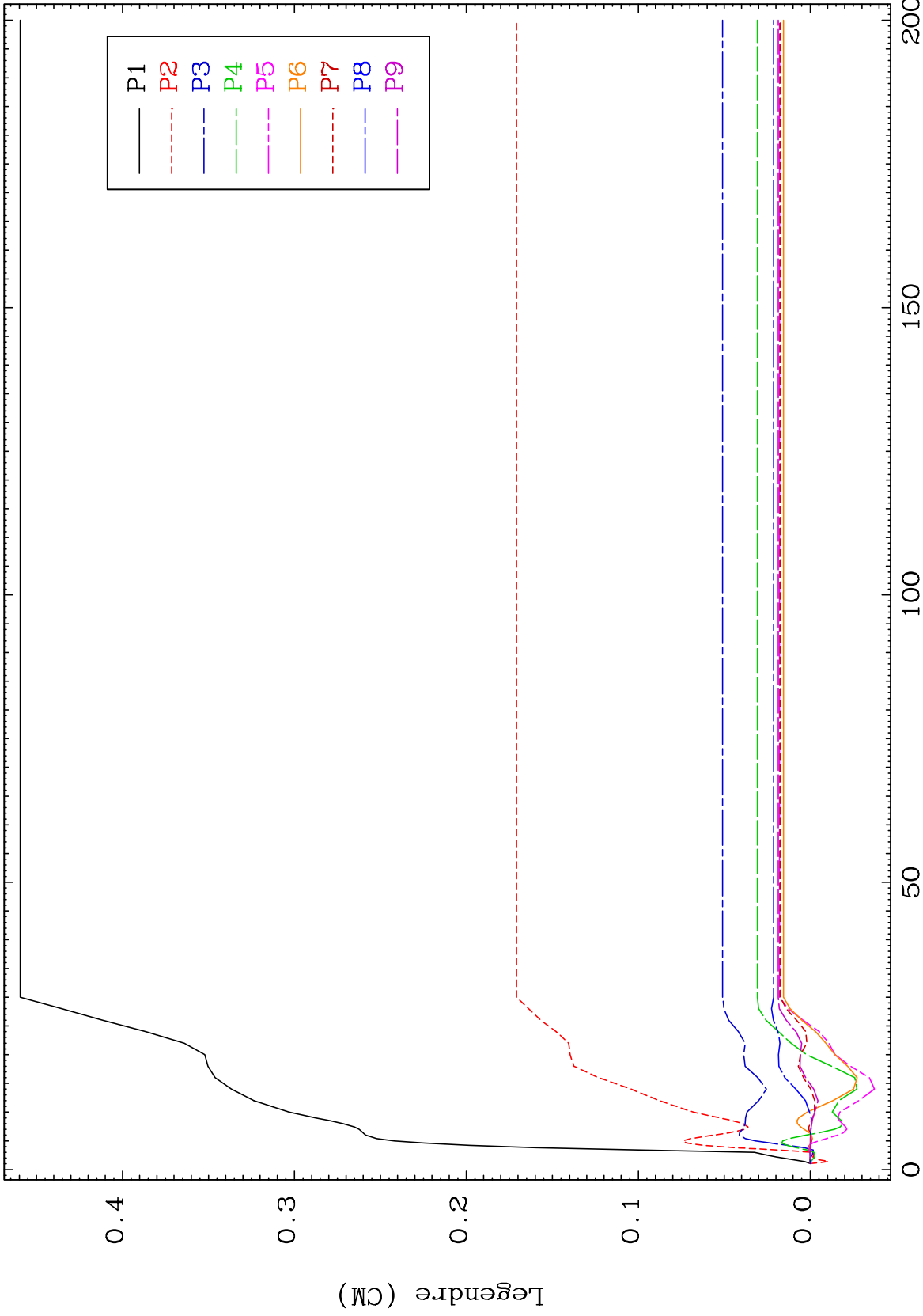


37 Incident Energy (MeV) 39-Y -92

MAT 3934

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

39-Y -92



38

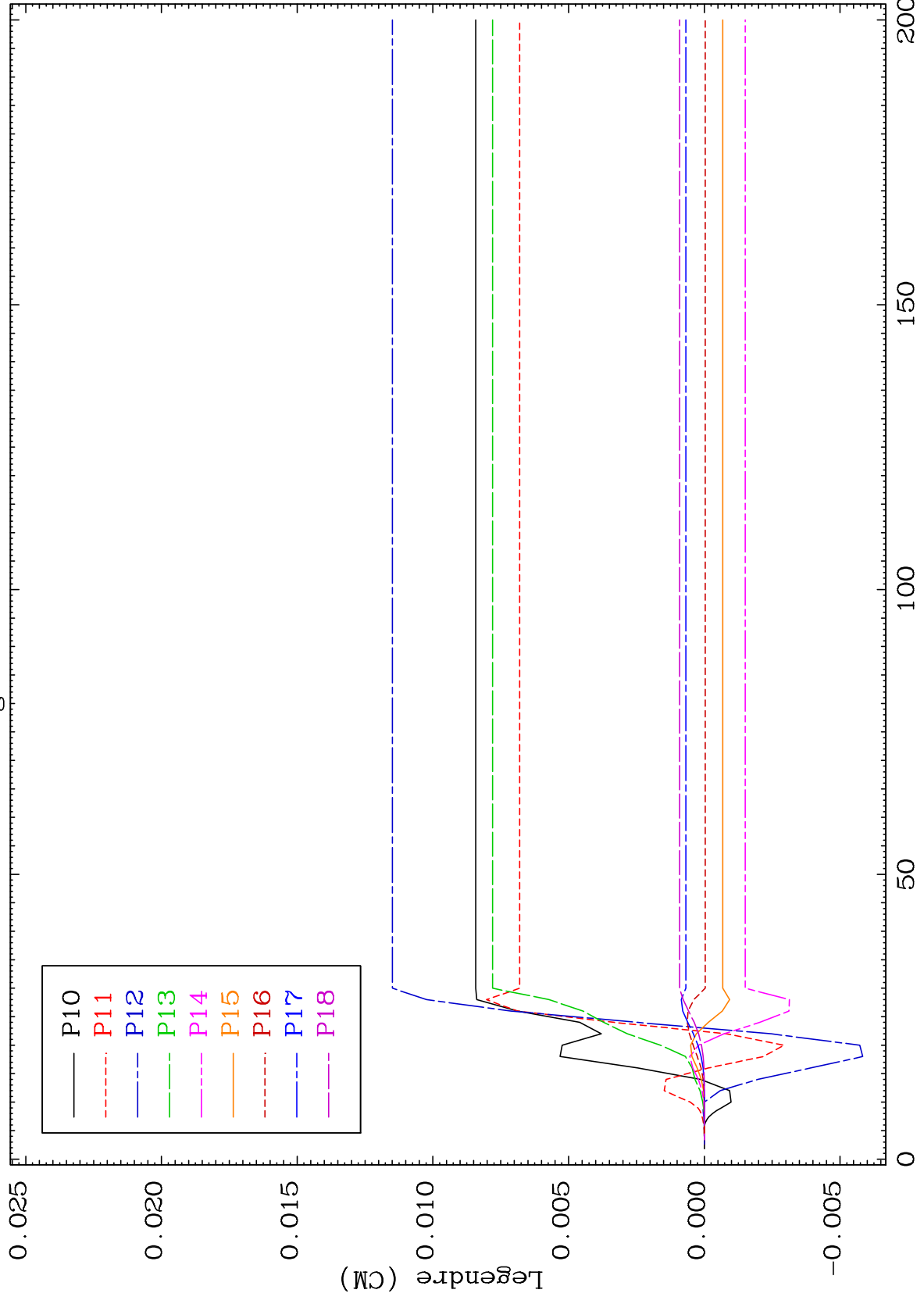
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



39

Incident Energy (MeV)

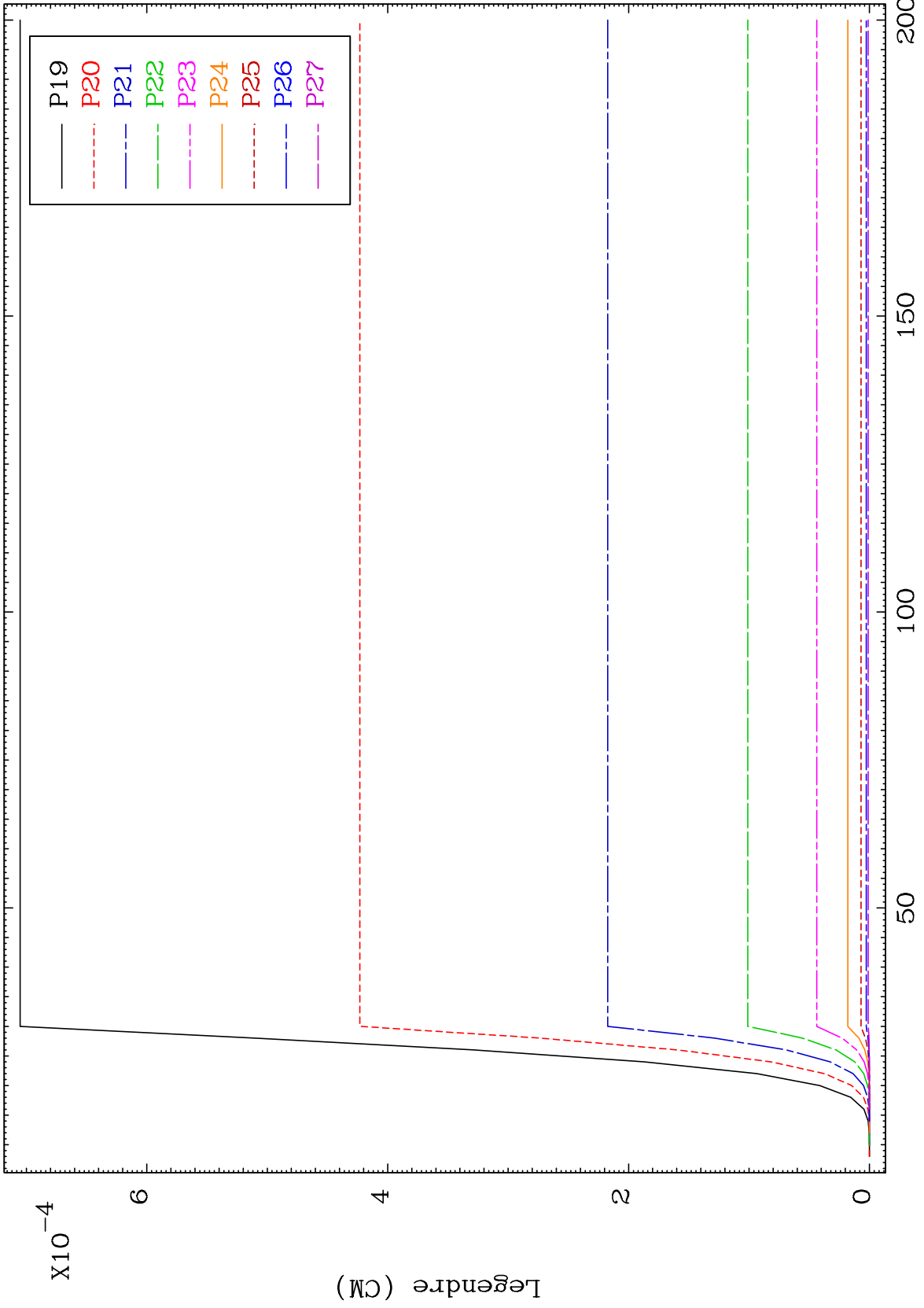
39-Y -92



MAT 3934

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

39-Y -92



40

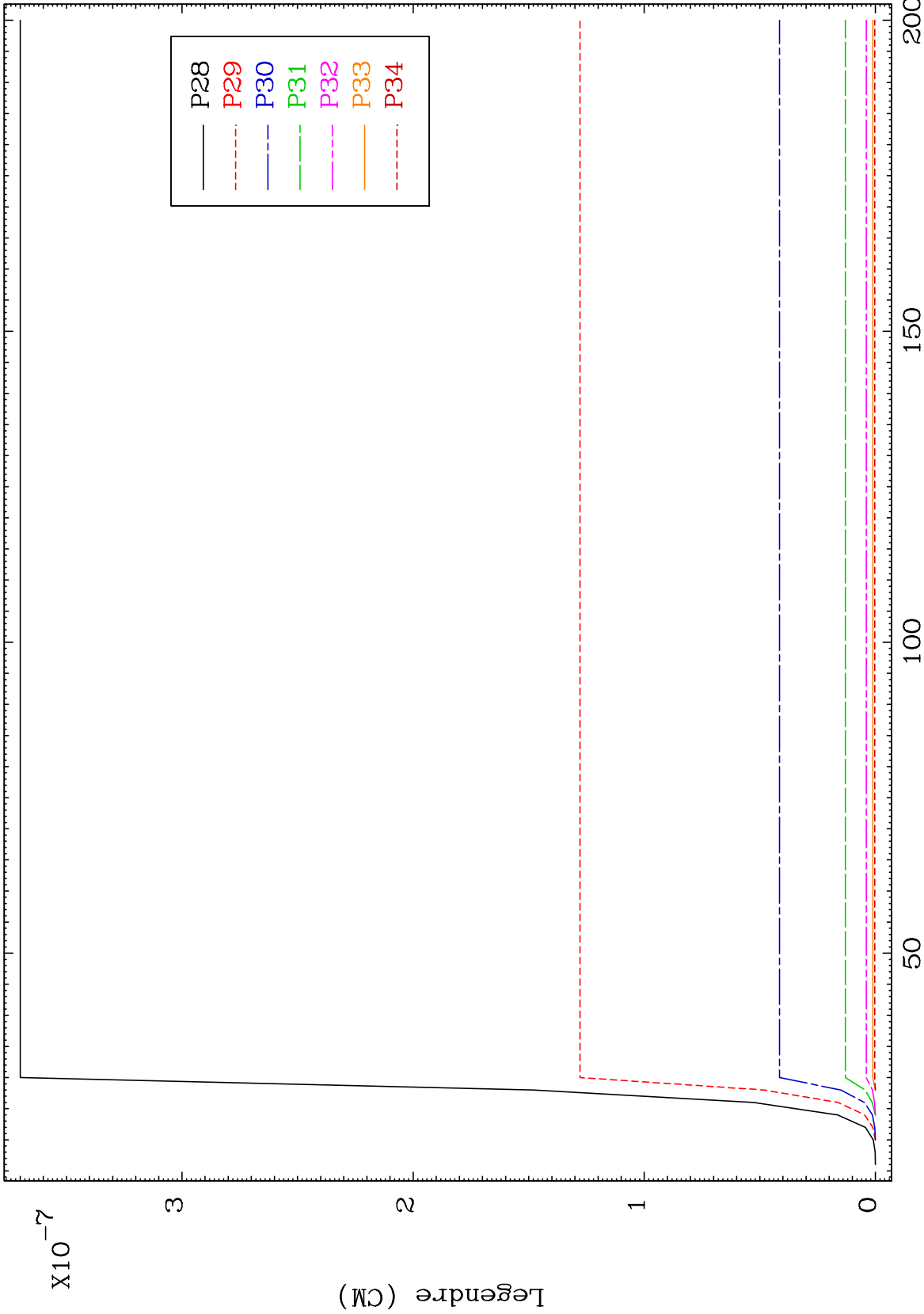
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



41

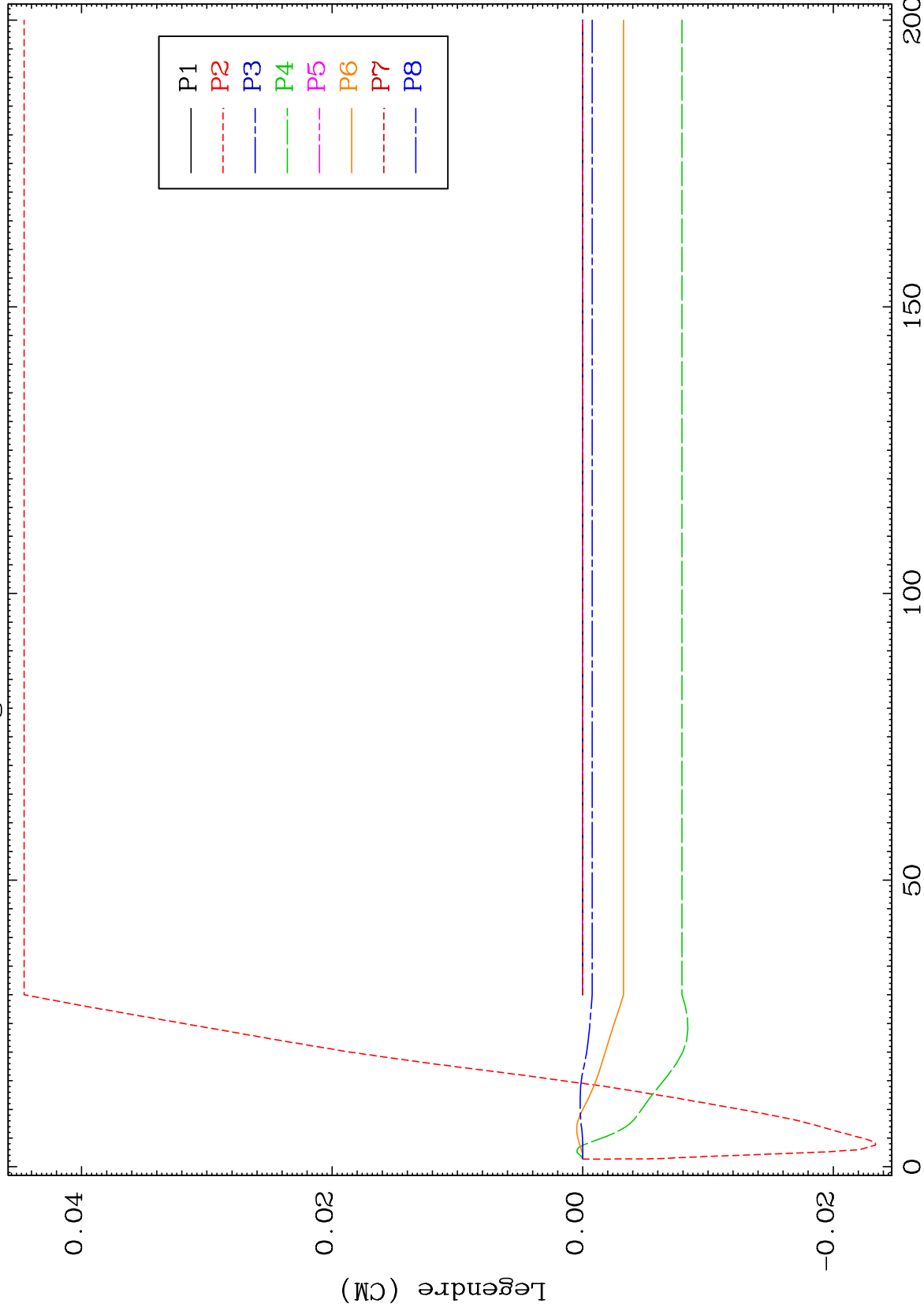
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



42

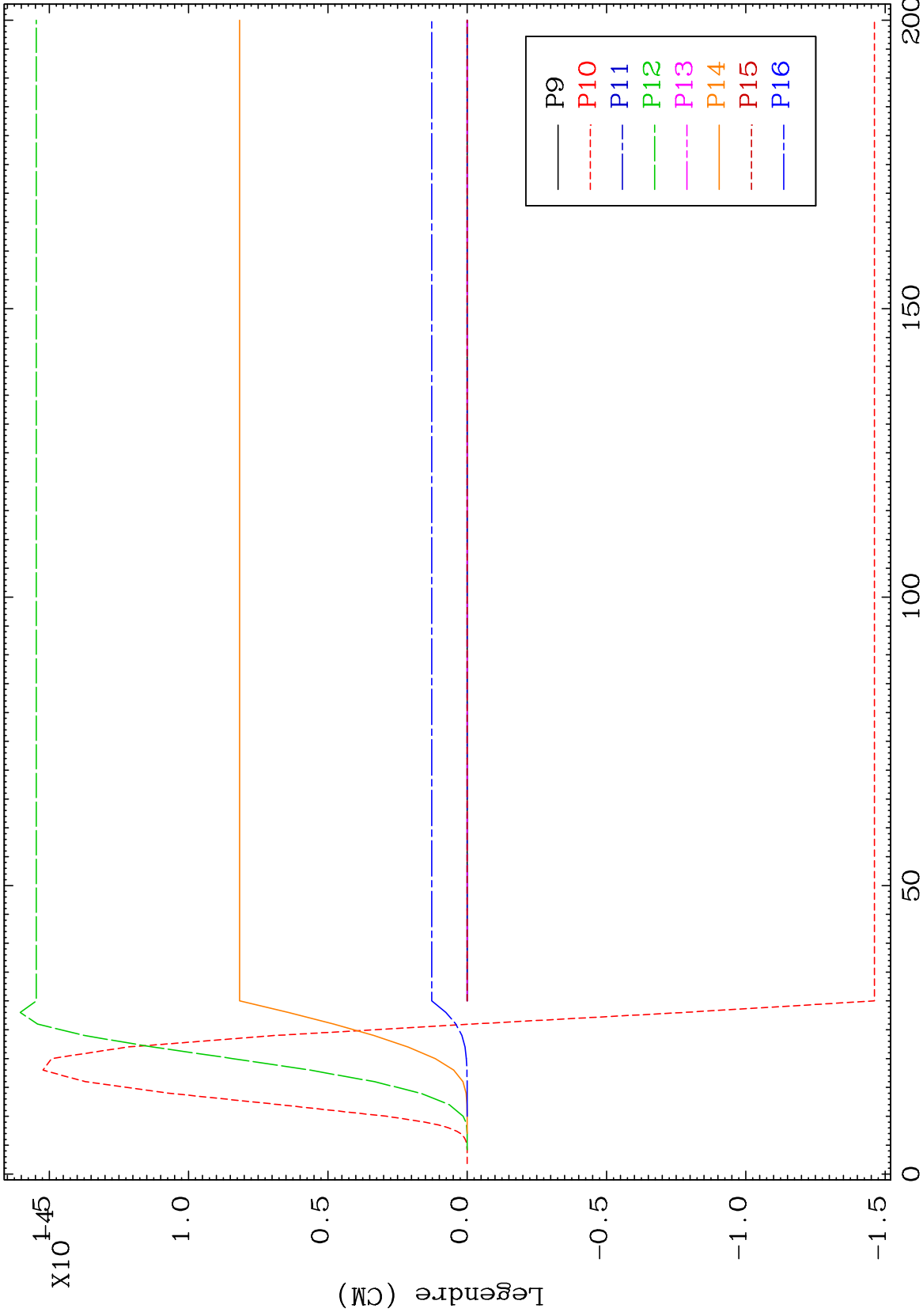
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



43

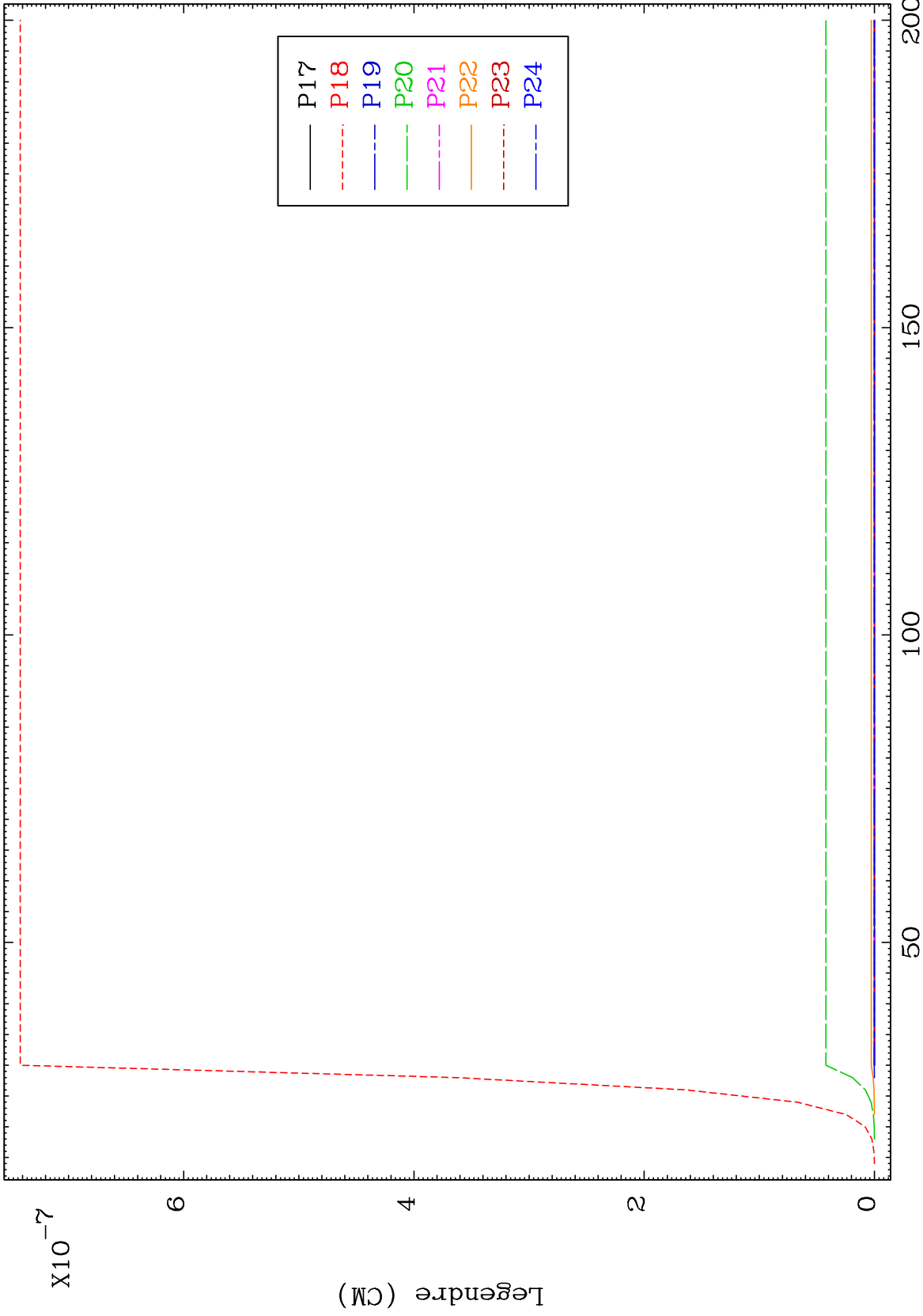
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

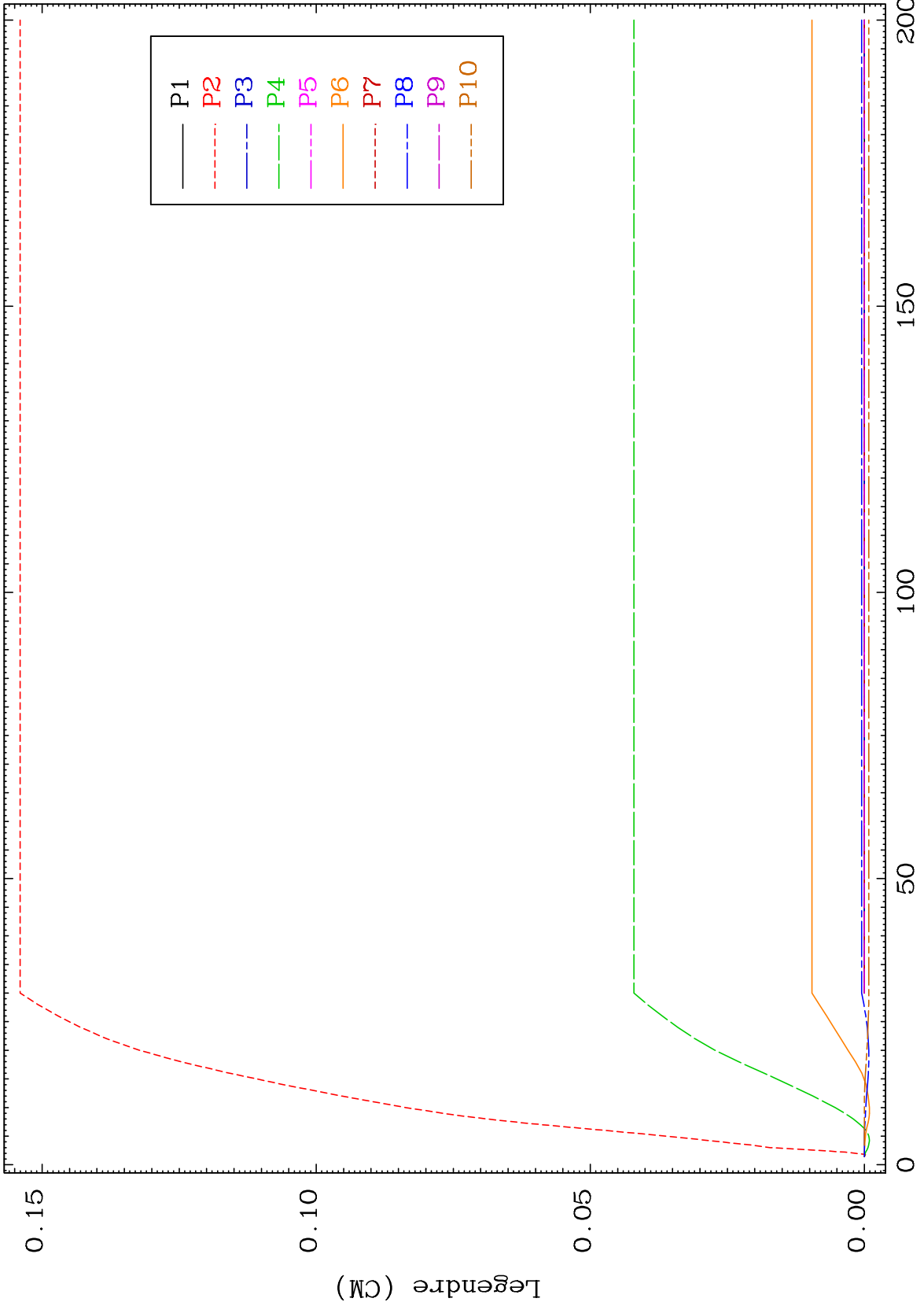


44

Incident Energy (MeV)

39-Y -92

MAT 3934 MT= 58 (n,n') Level Legendre Coefficients 39-Y -92

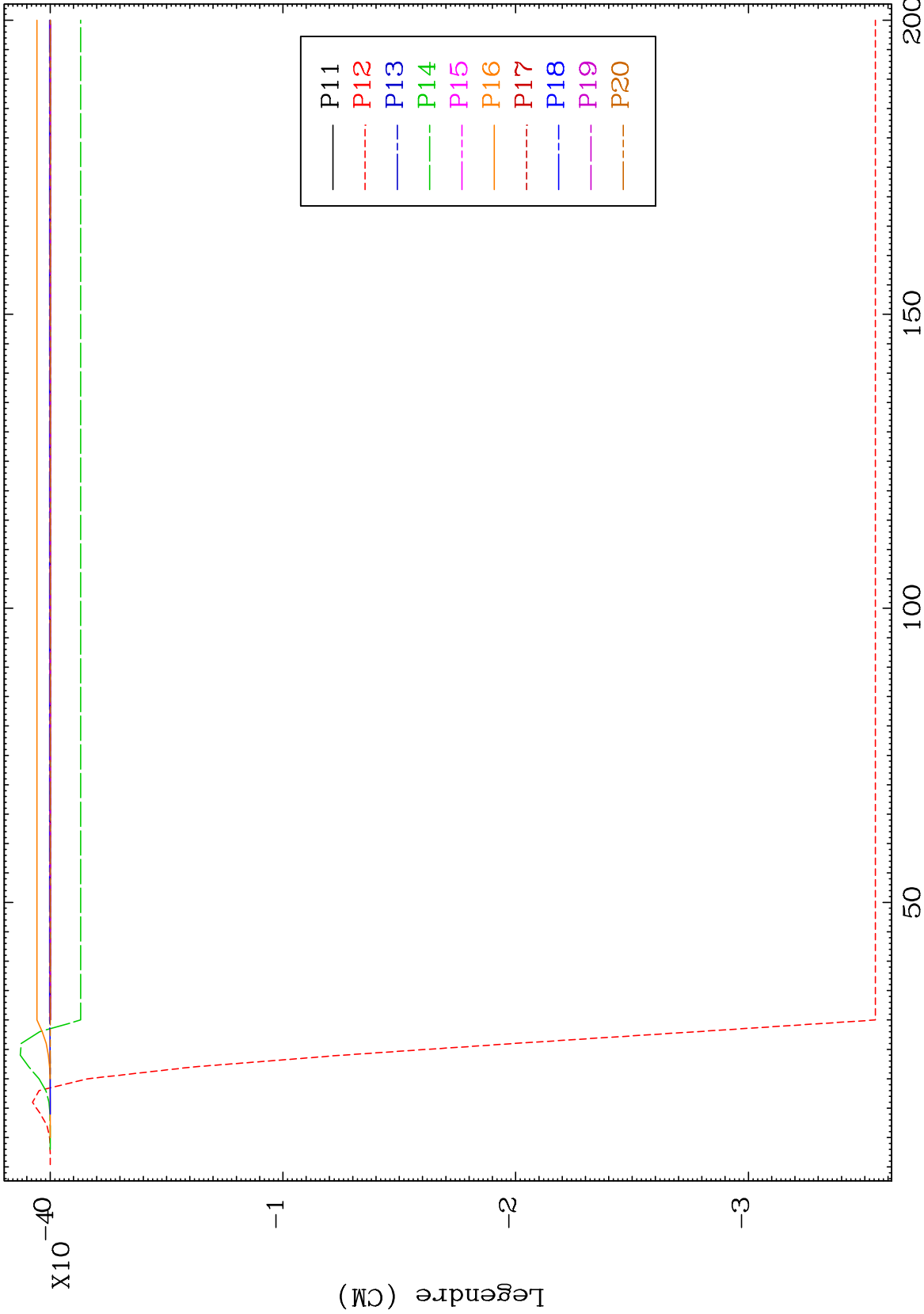


Legendre (CM) Incident Energy (MeV) 39-Y -92

MAT 3934

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

39-Y -92



46

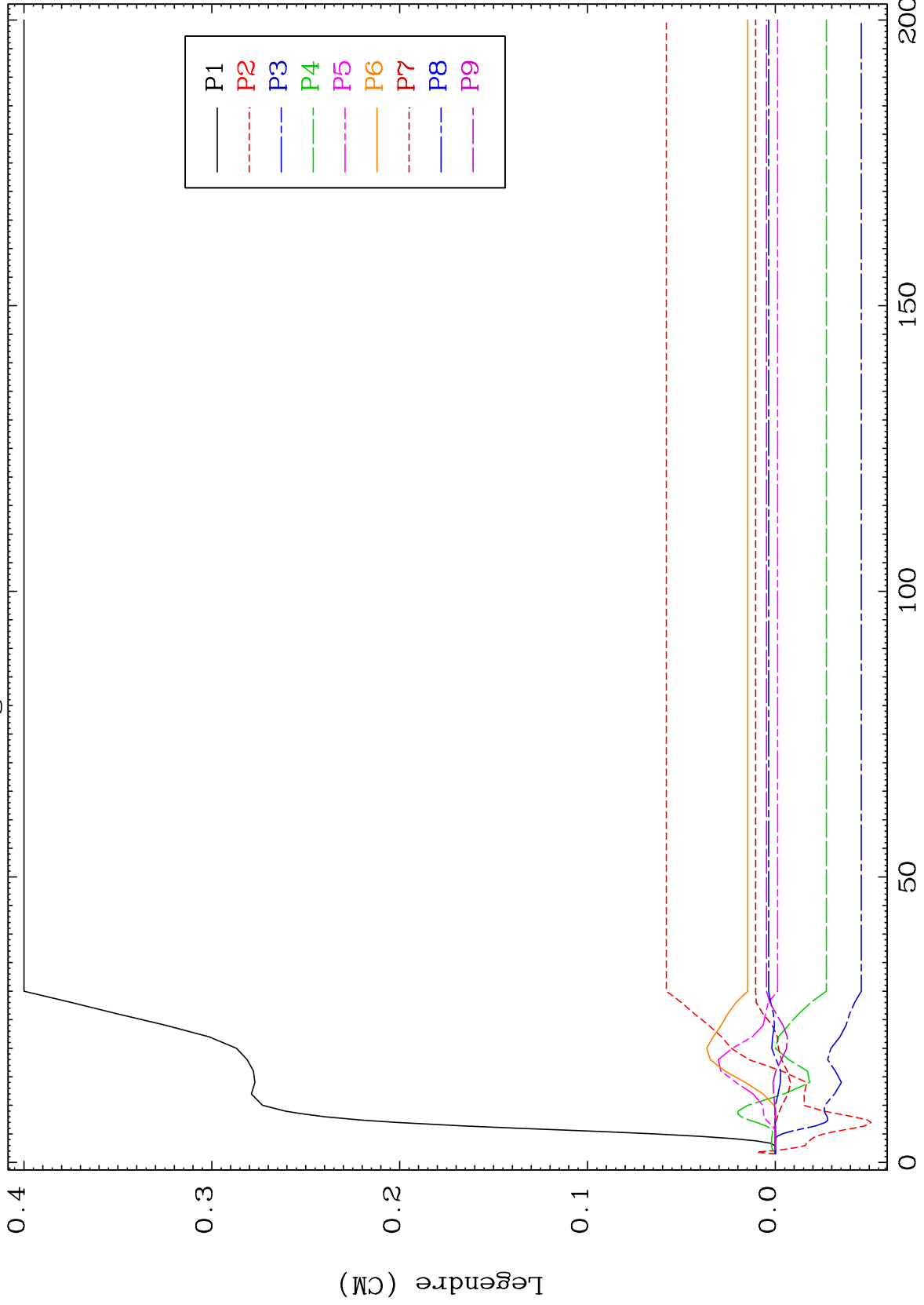
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



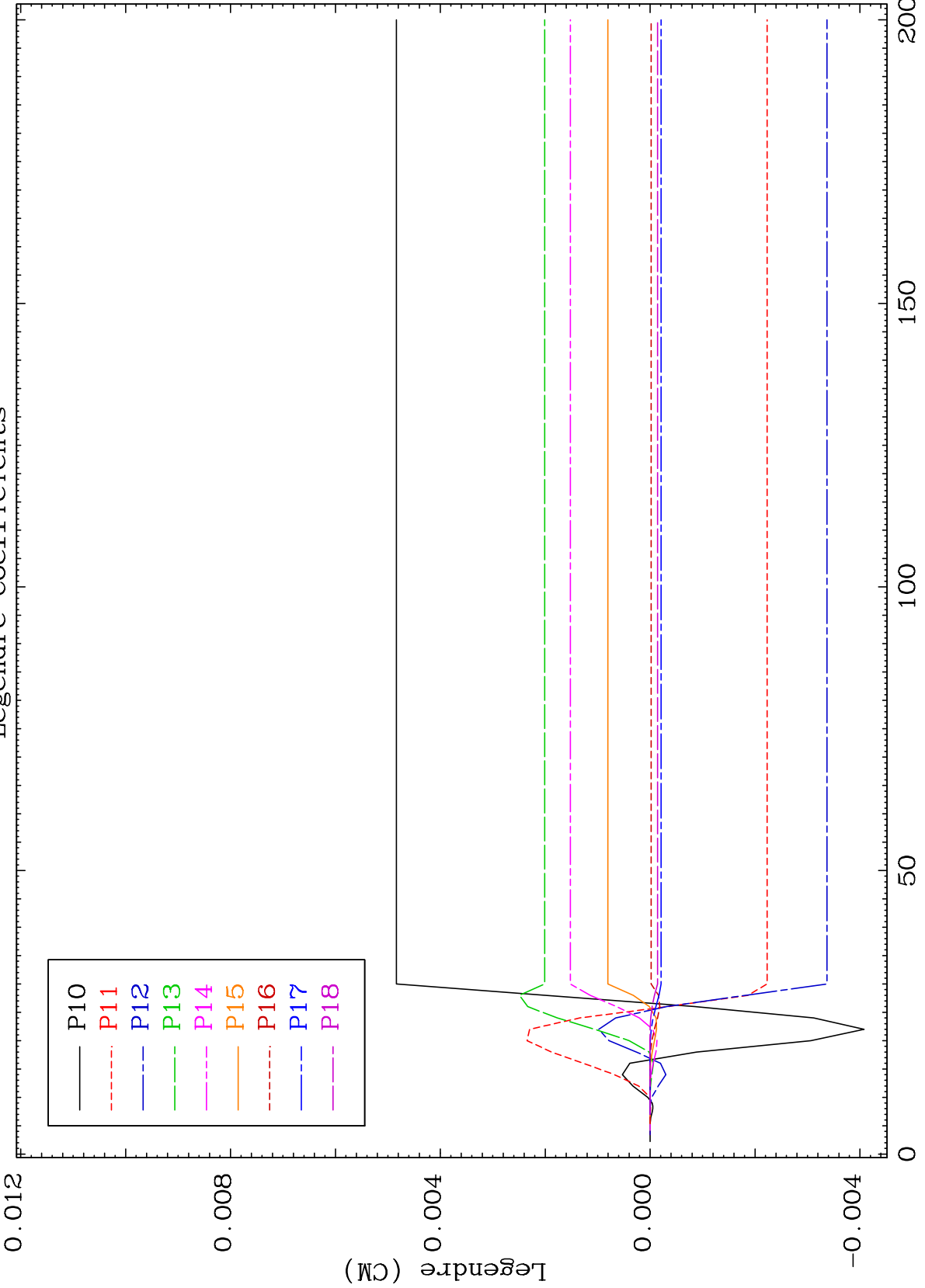
47

Incident Energy (MeV)

39-Y -92



MAT 3934 MT= 59 (n,n') Level Legendre Coefficients 39-Y -92

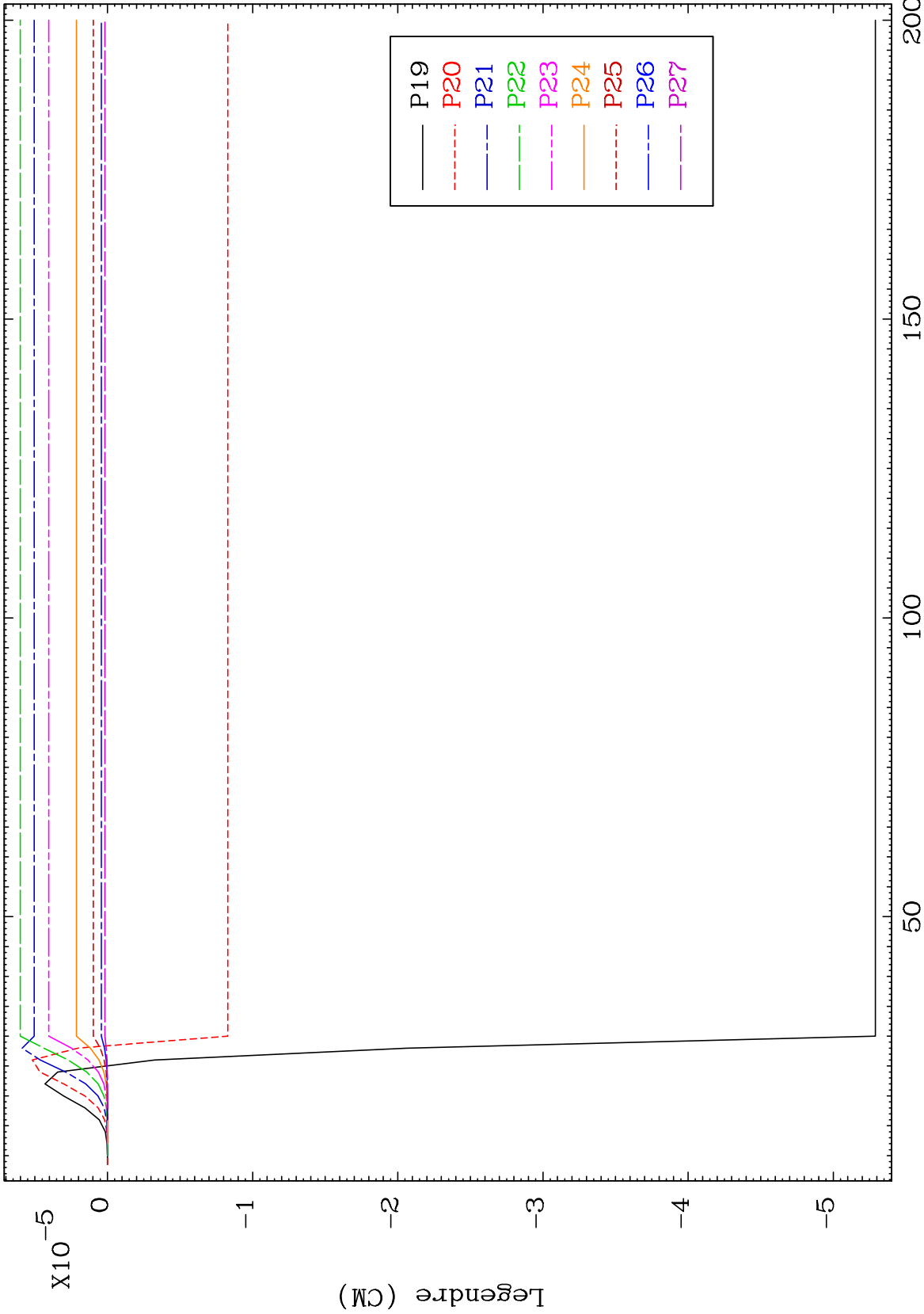


48 Incident Energy (MeV) 39-Y -92

MAT 3934

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

39-Y -92



49

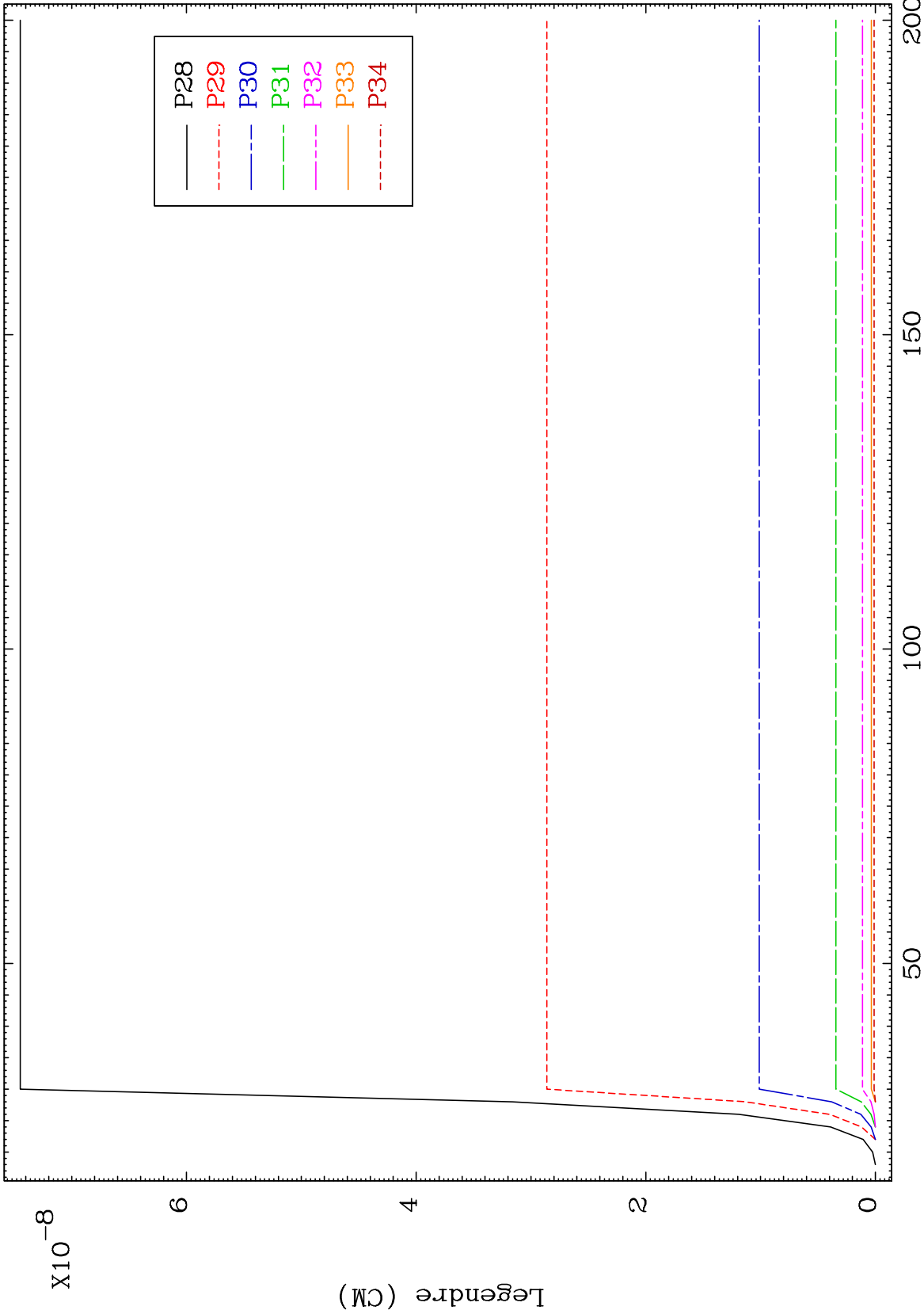
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



50

50

100

150

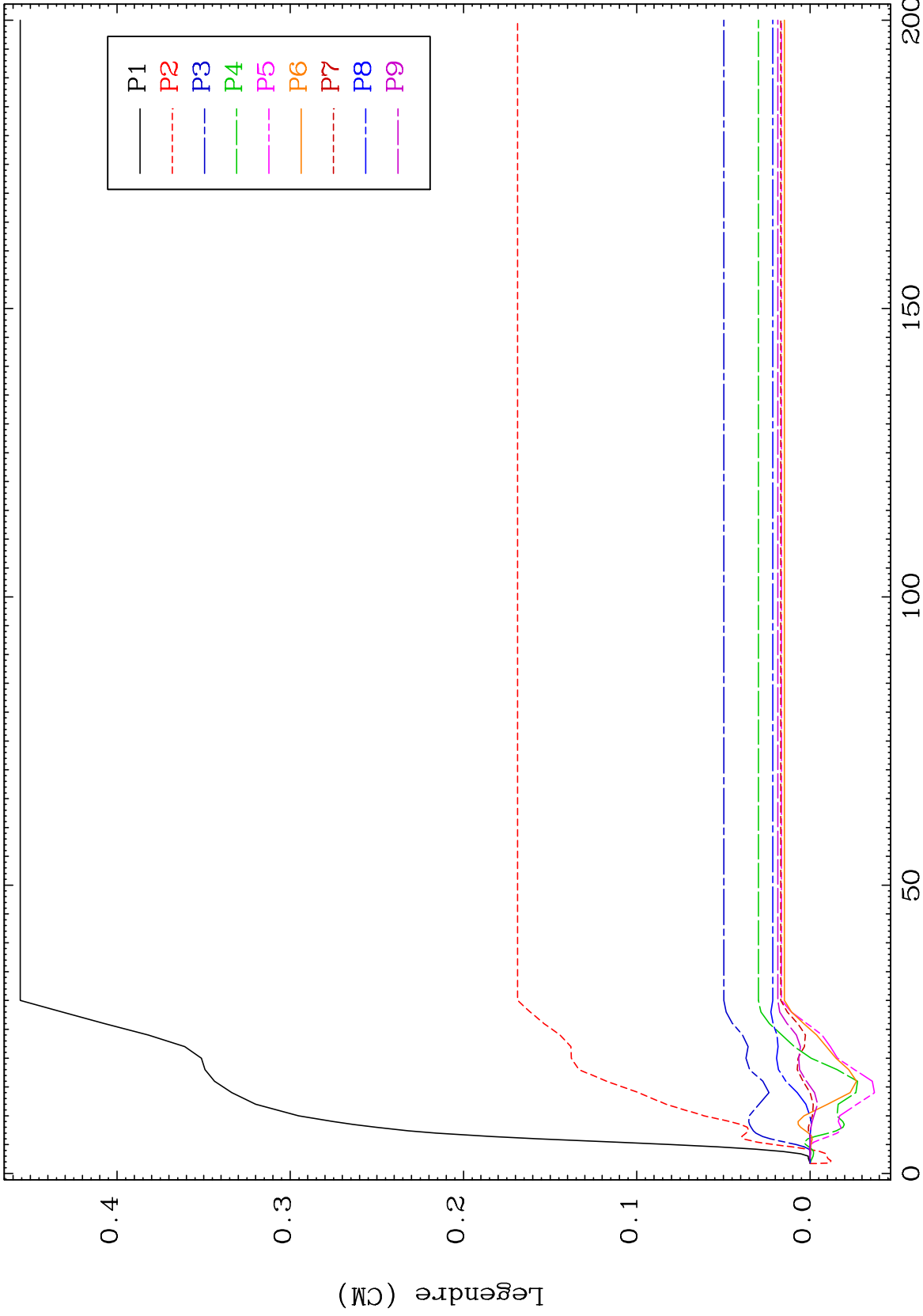
200

39-Y -92

MAT 3934

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

39-Y -92



51

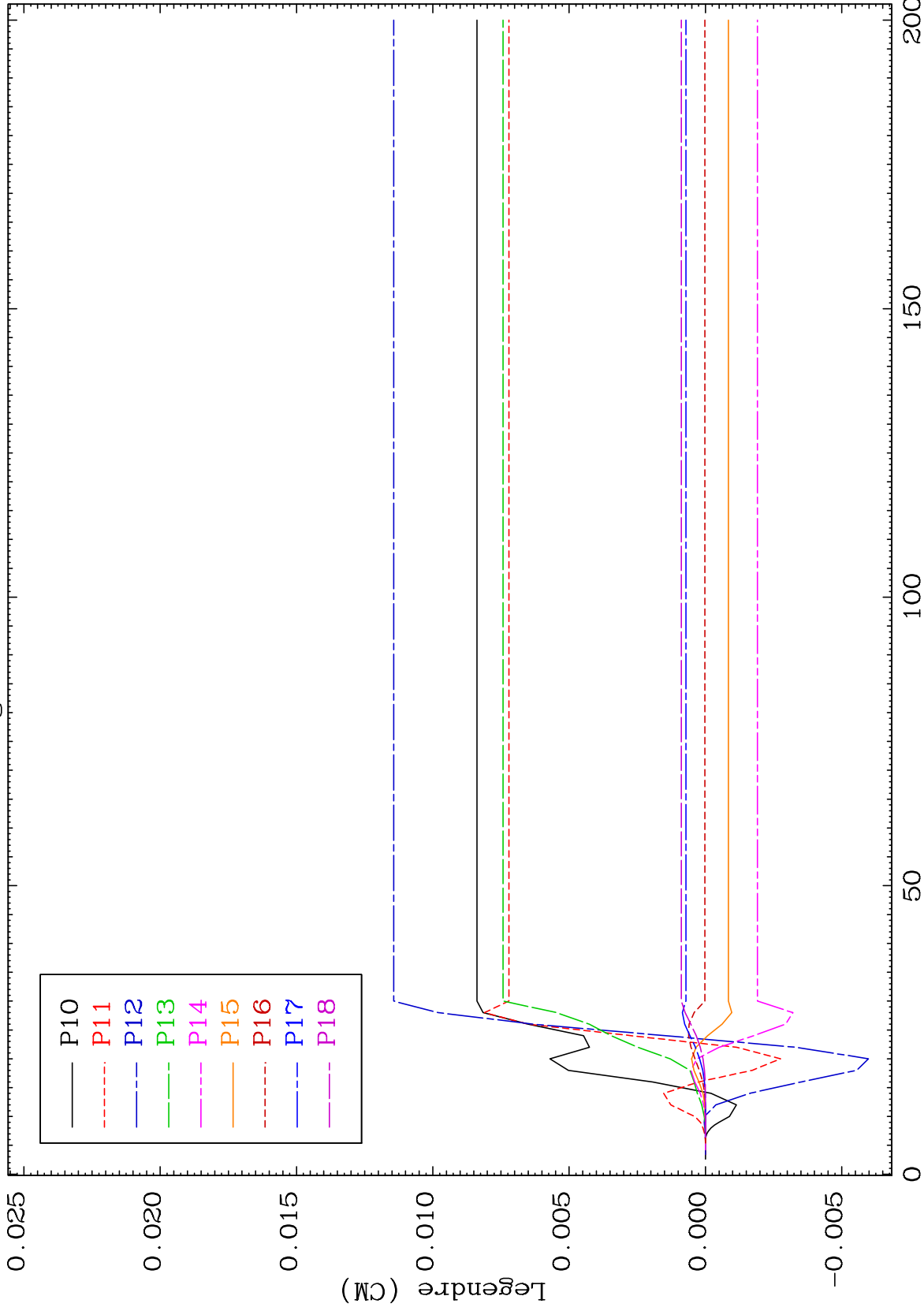
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



52

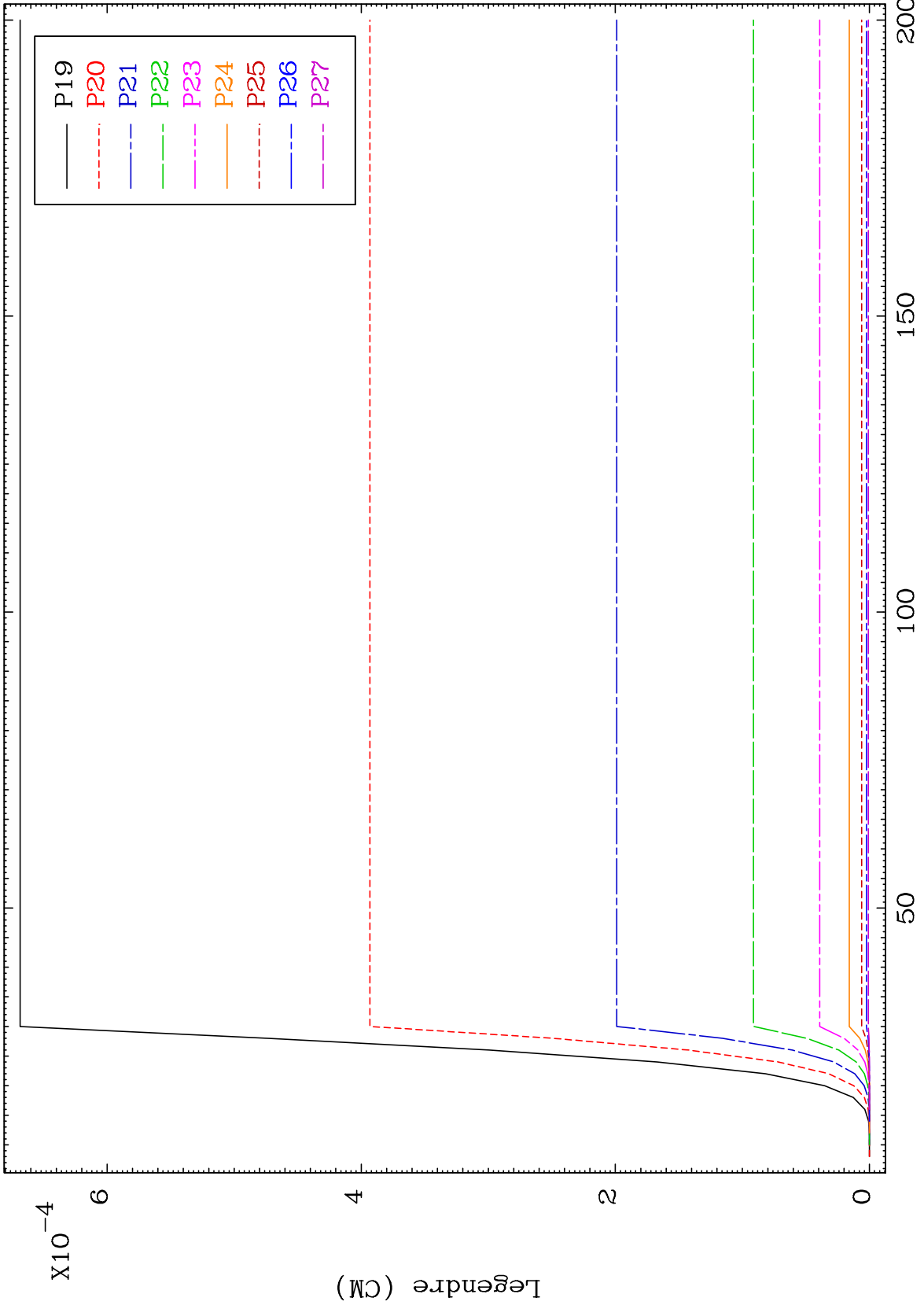
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



53

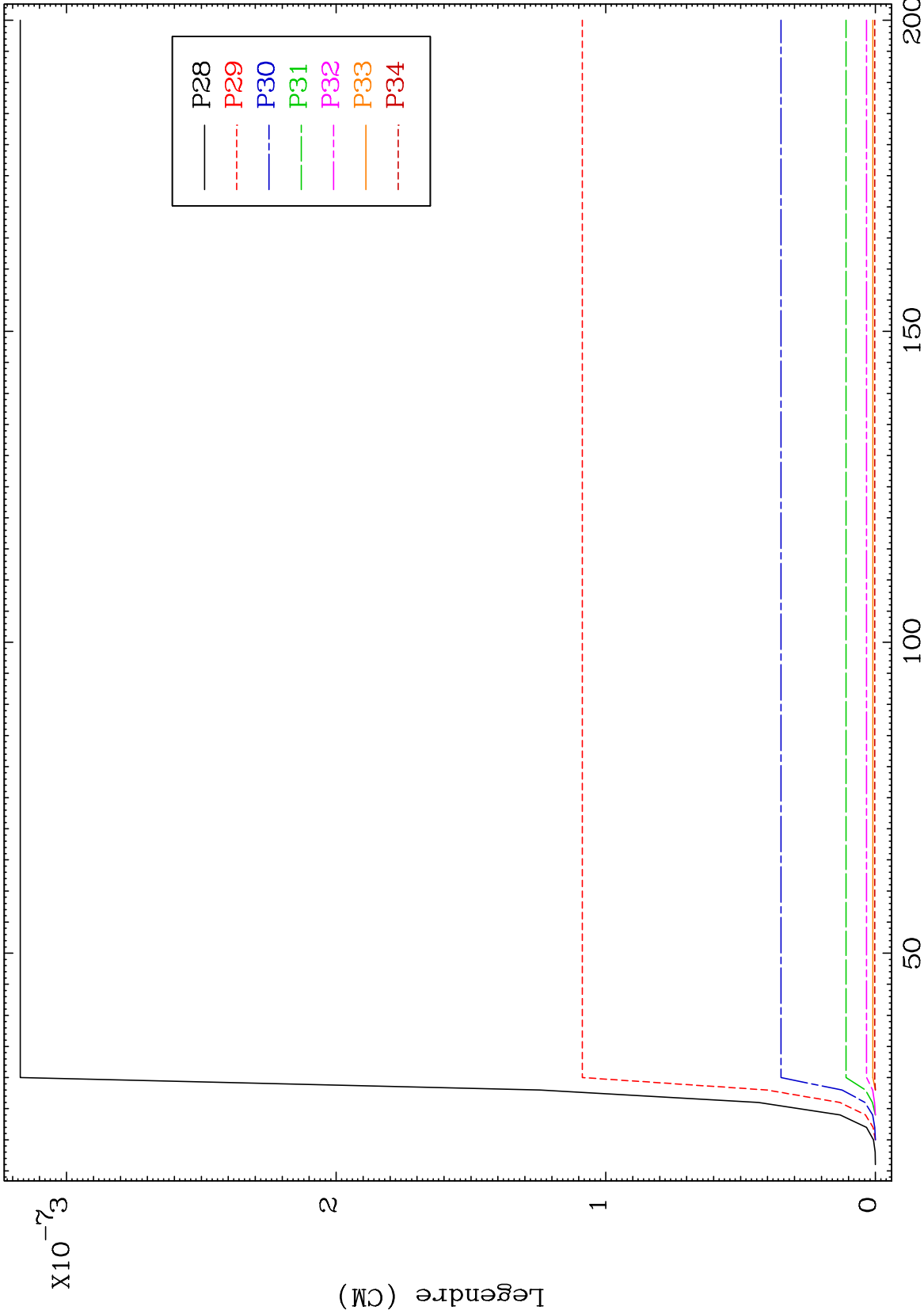
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



54

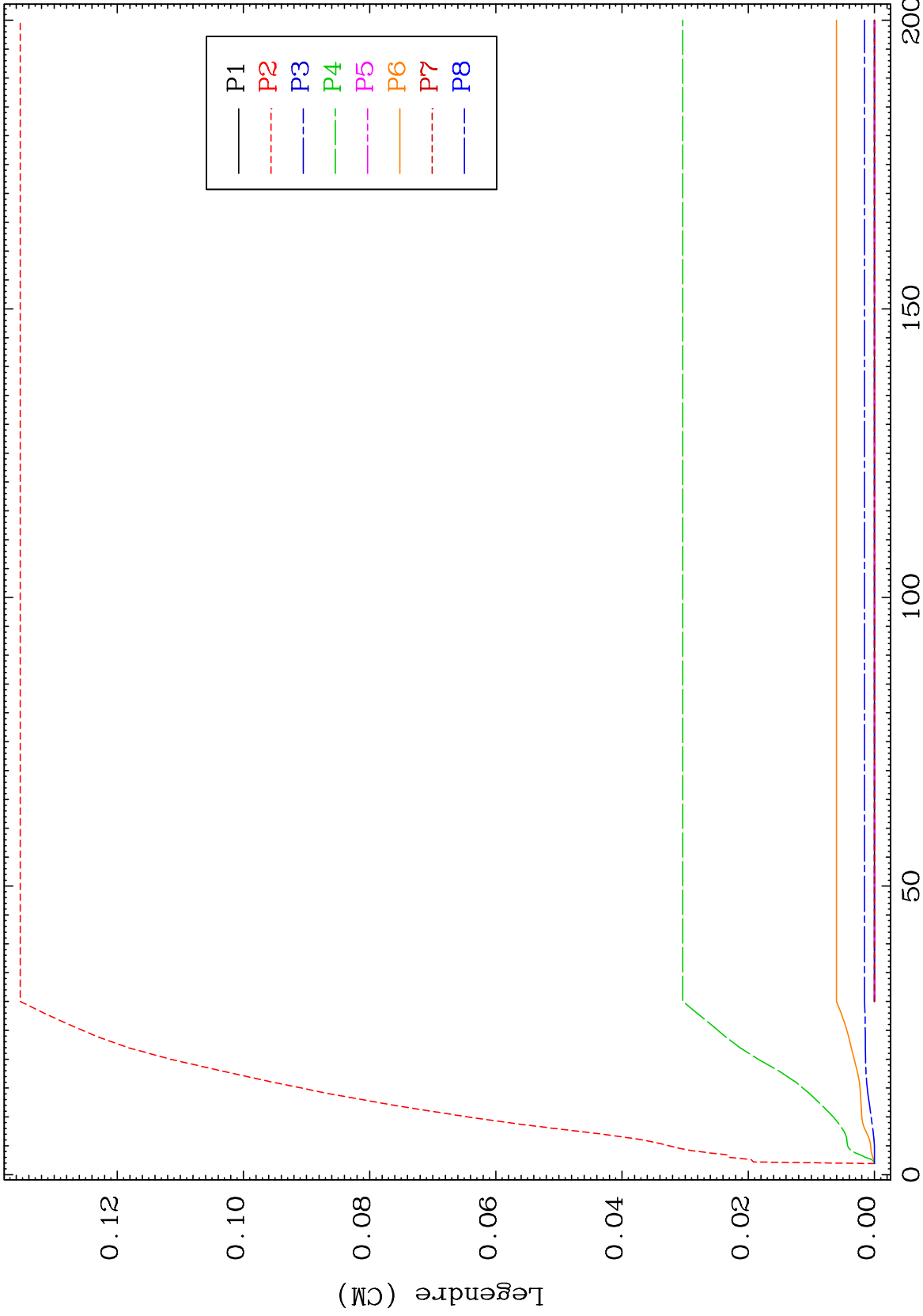
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



55

Incident Energy (MeV)

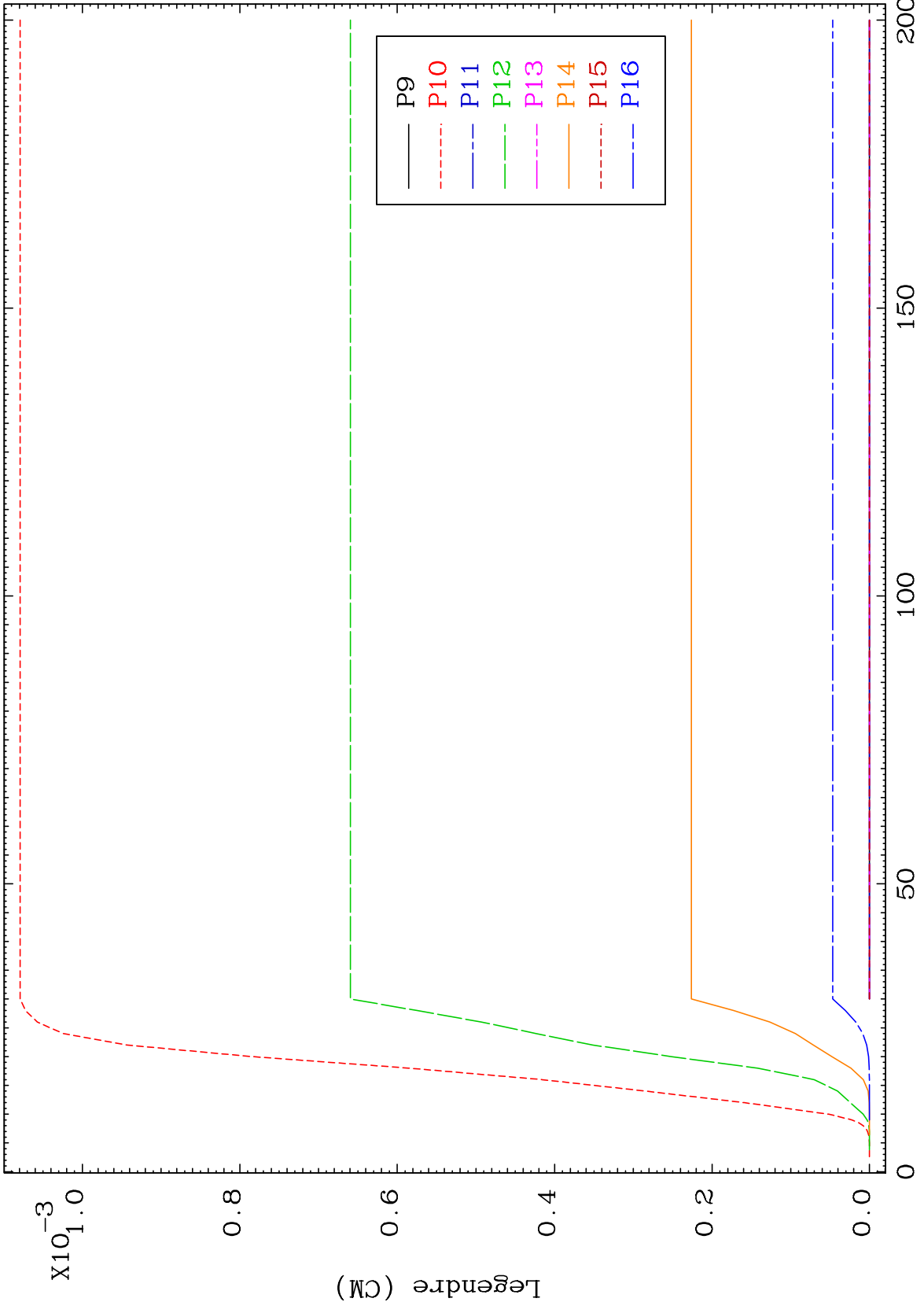
39-Y -92



MAT 3934

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

39-Y -92

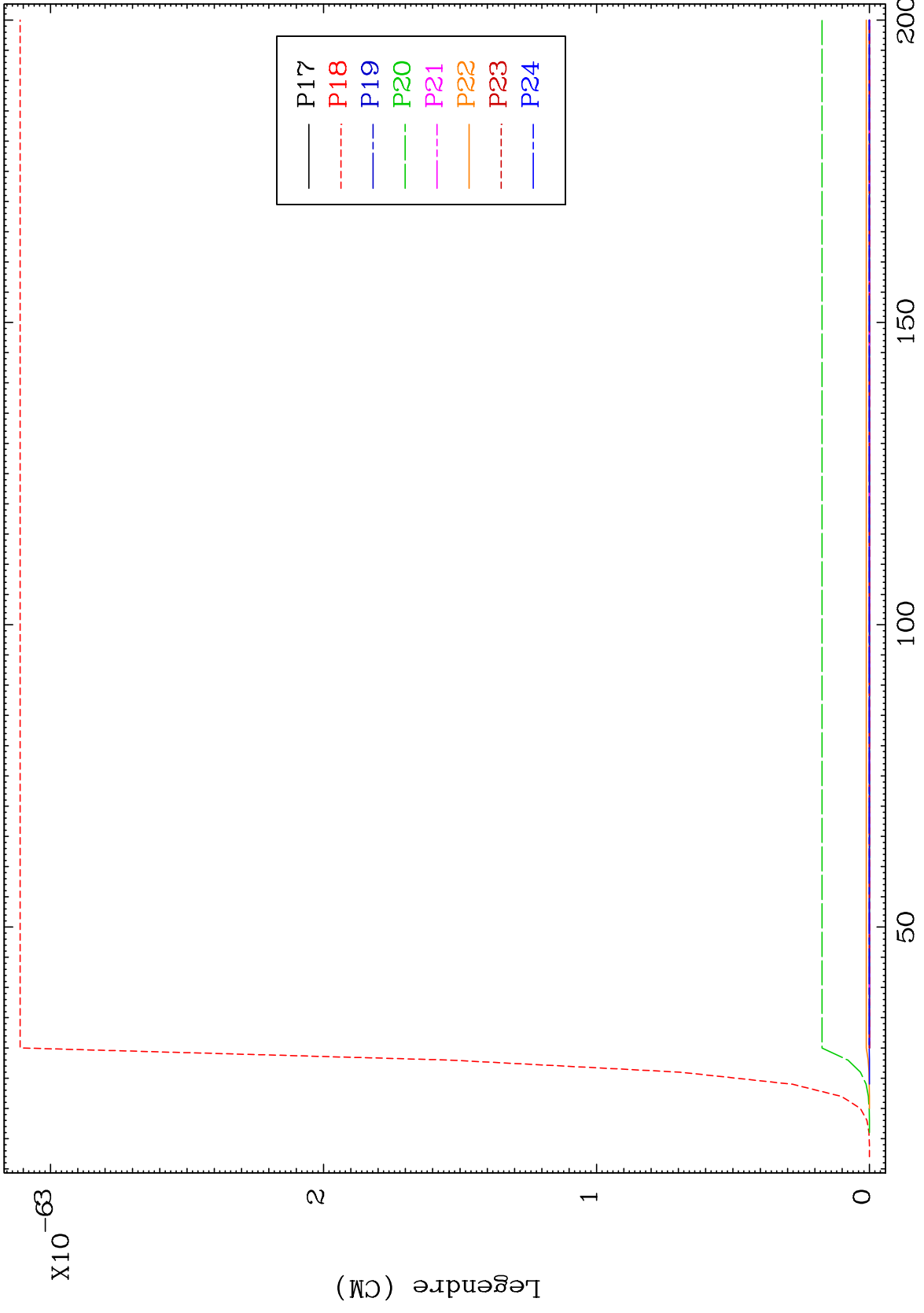


56

Incident Energy (MeV)

39-Y -92

MAT 3934 MT= 61 (n,n') Level Legendre Coefficients 39-Y -92

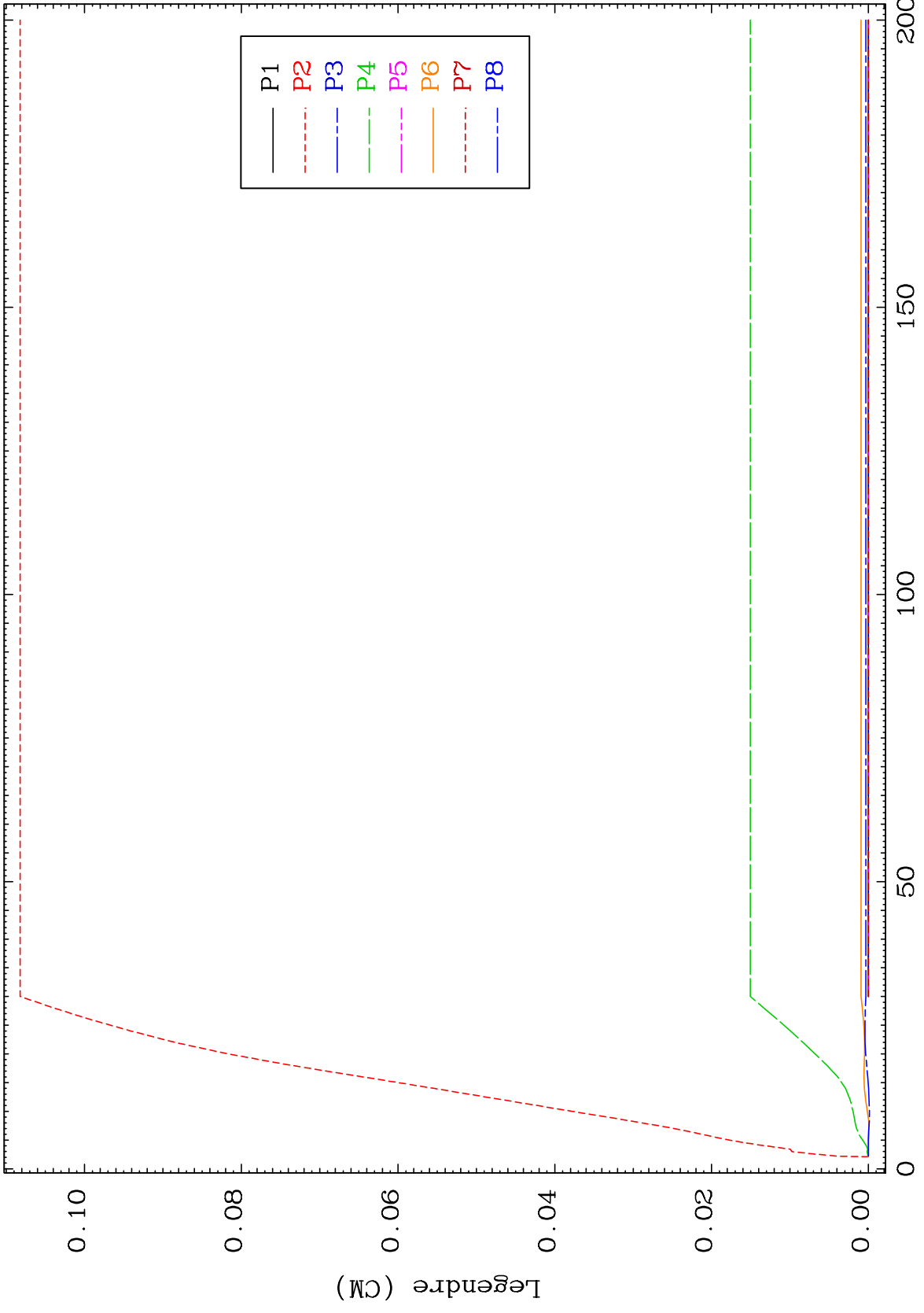


57 100 150 200 39-Y -92

MAT 3934

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

39-Y -92



58

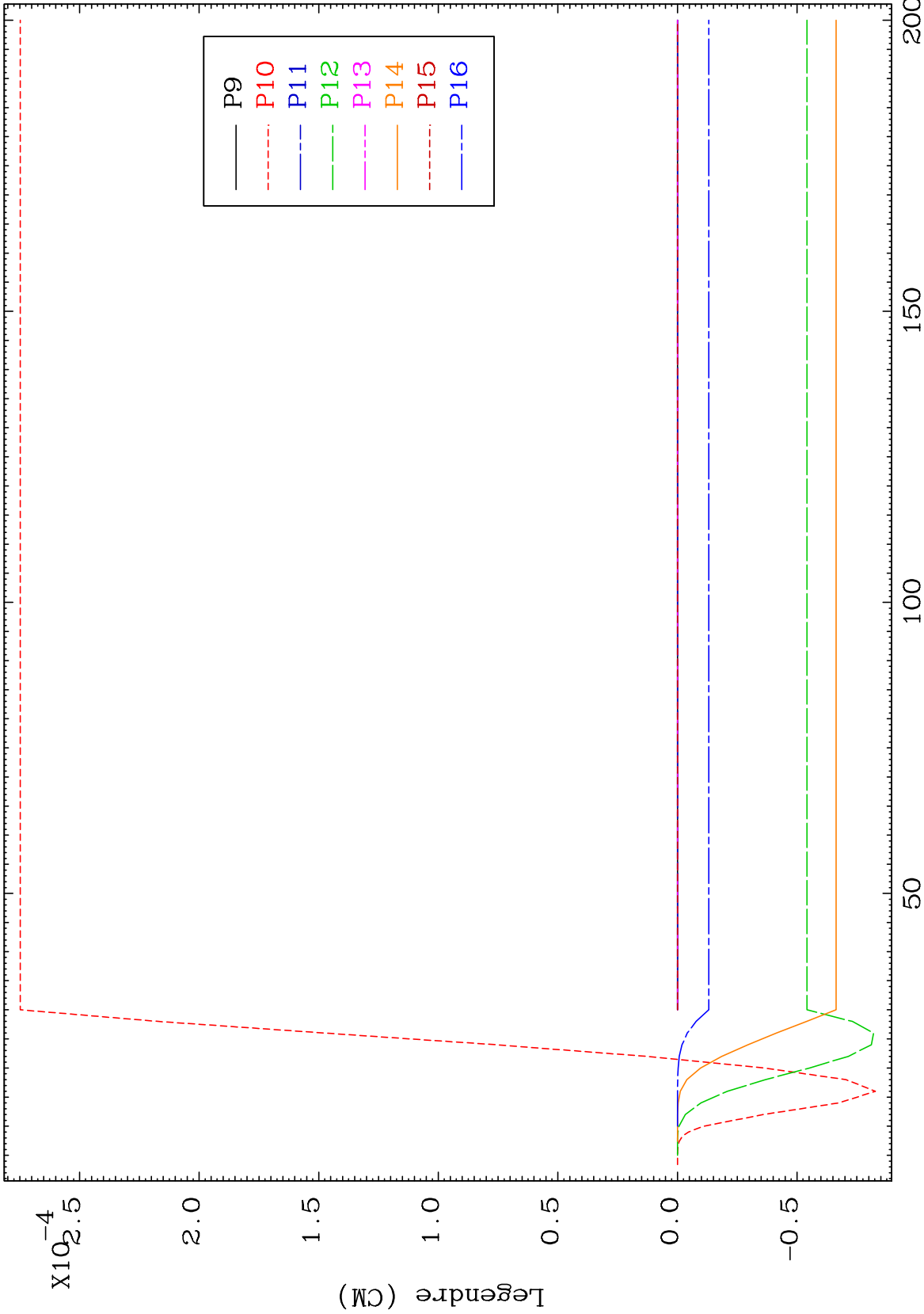
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



59

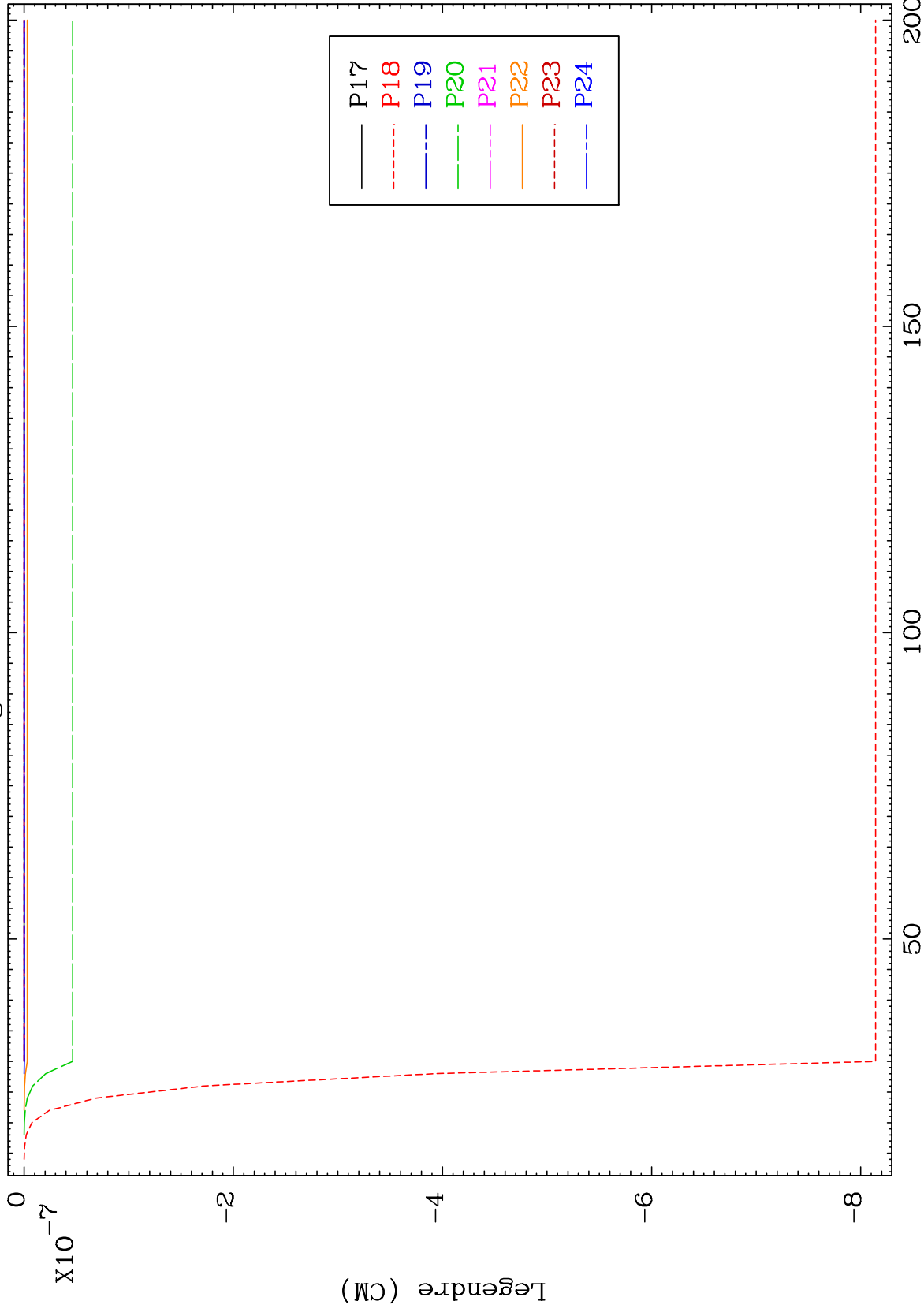
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



39-Y -92

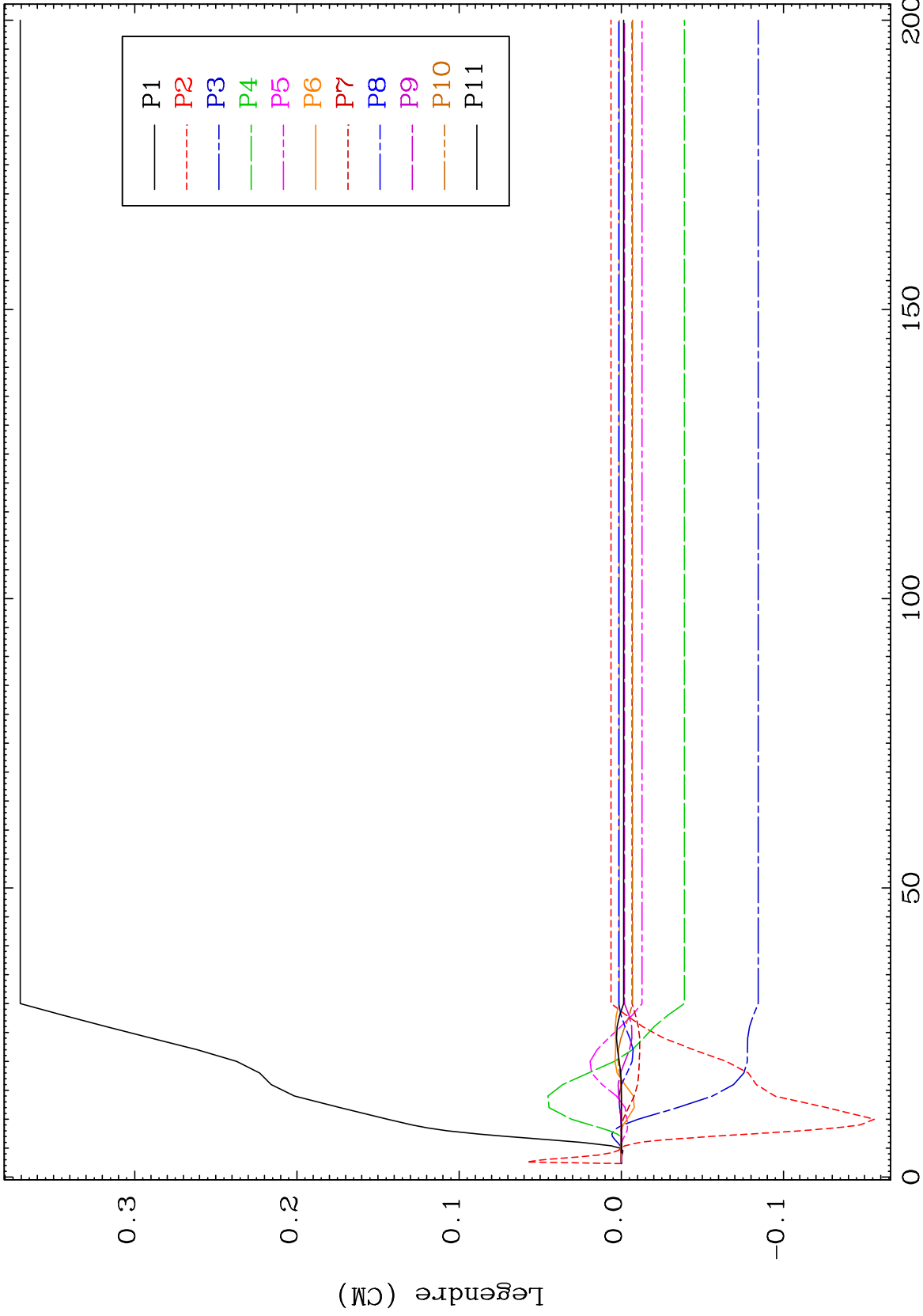
Incident Energy (MeV)

60

MAT 3934

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

39-Y -92



61

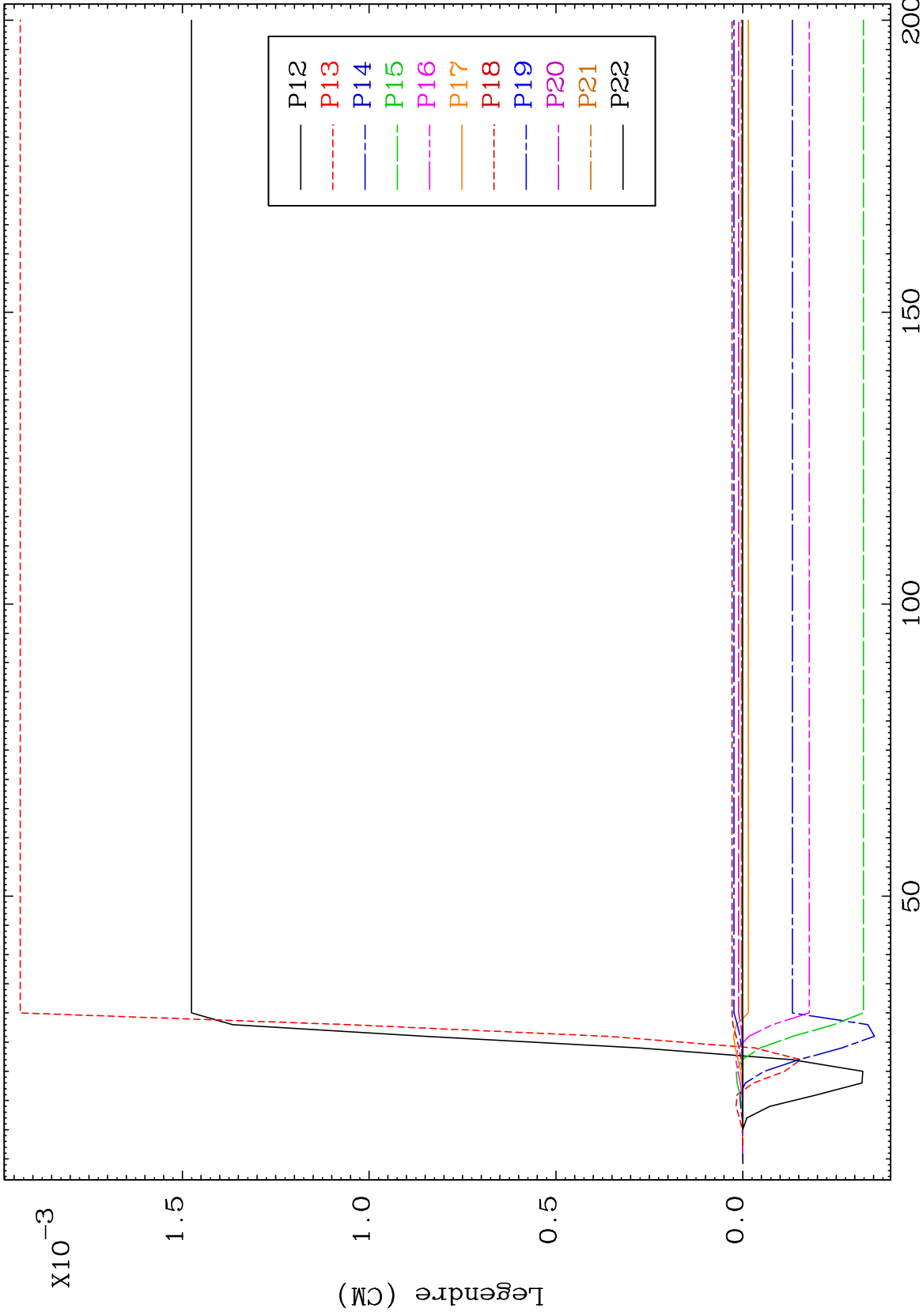
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



62

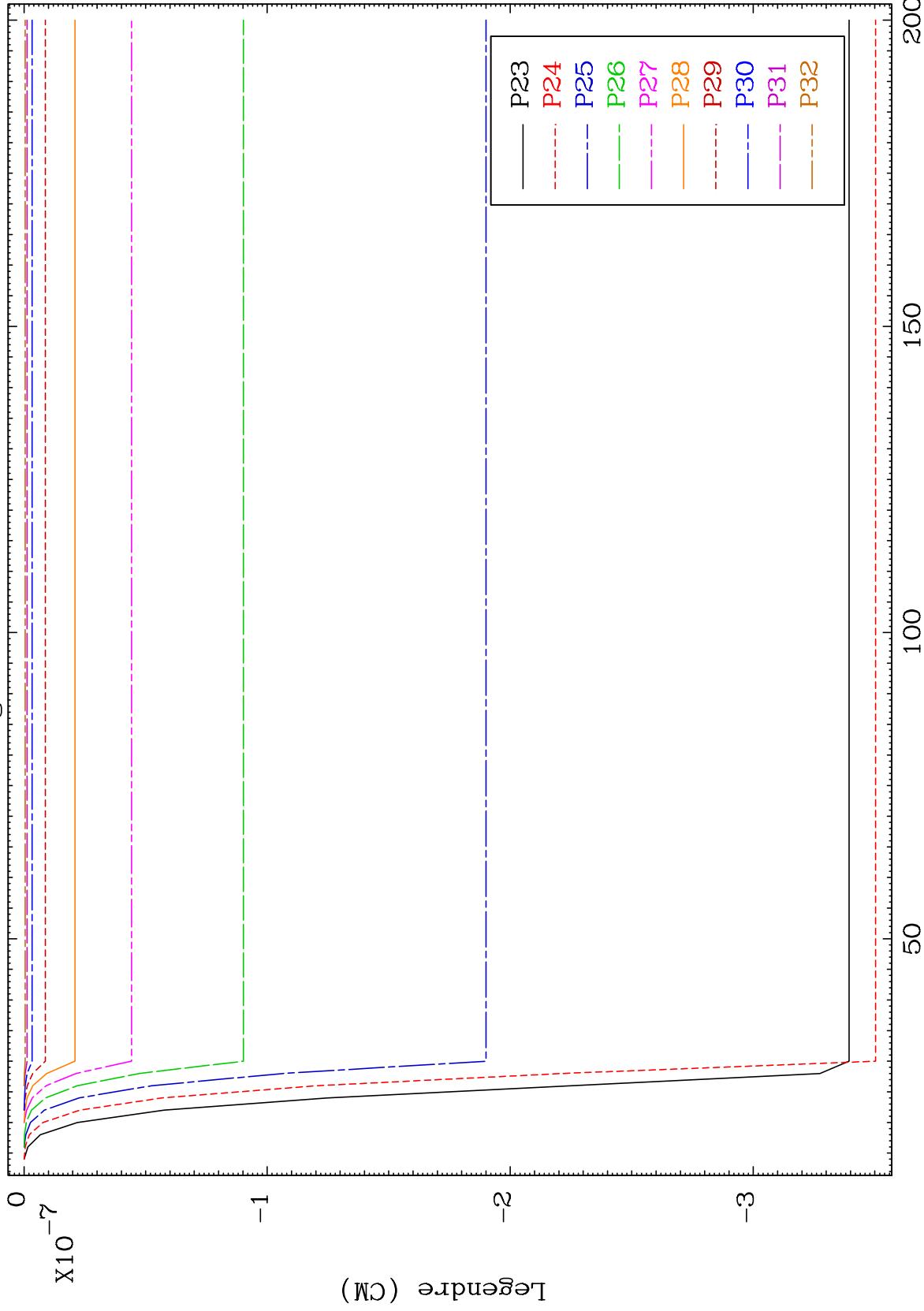
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



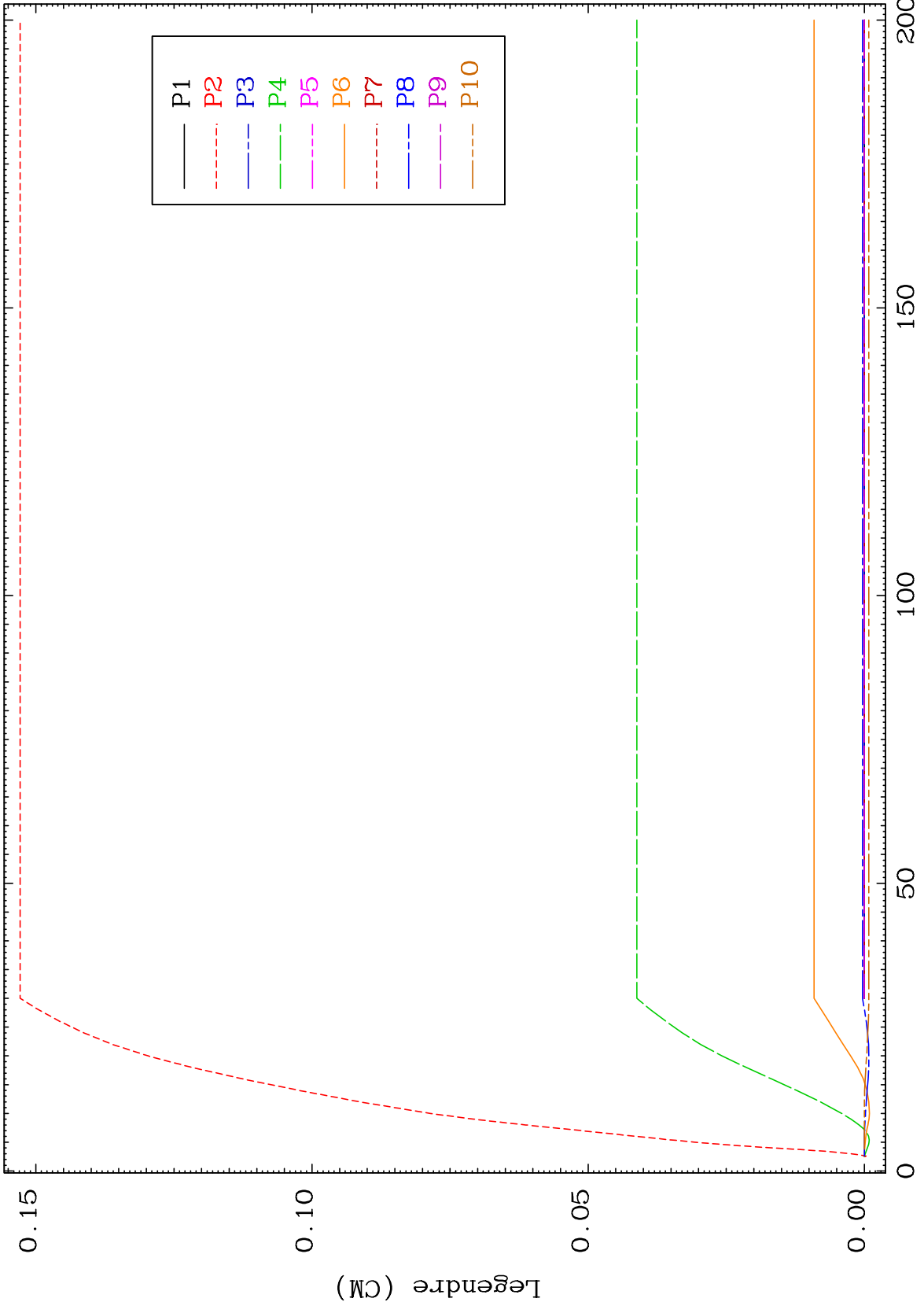
39-Y -92

Incident Energy (MeV)

63



MAT 3934 MT= 64 (n,n') Level Legendre Coefficients 39-Y -92

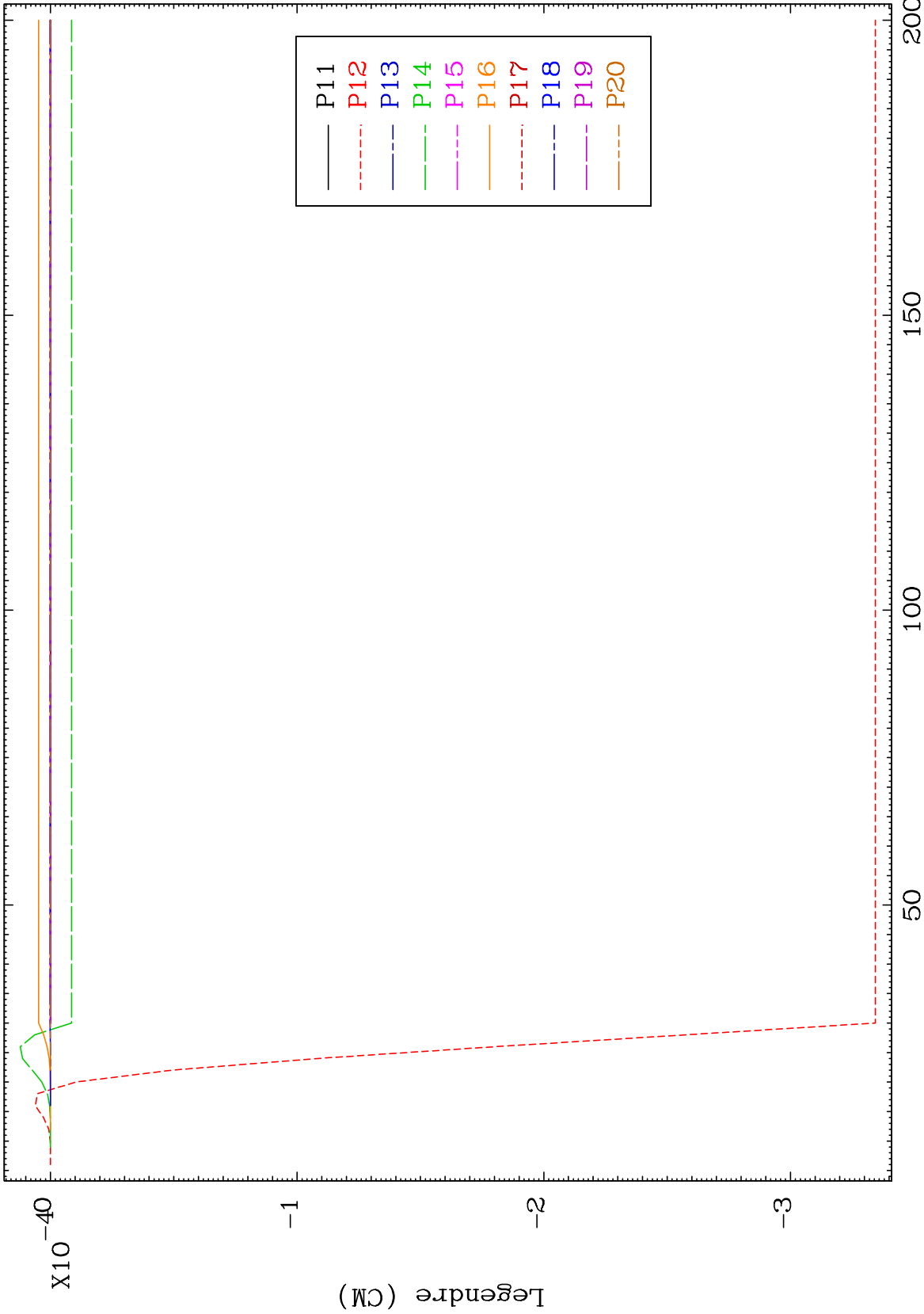


64 39-Y -92

MAT 3934

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

39-Y -92



65

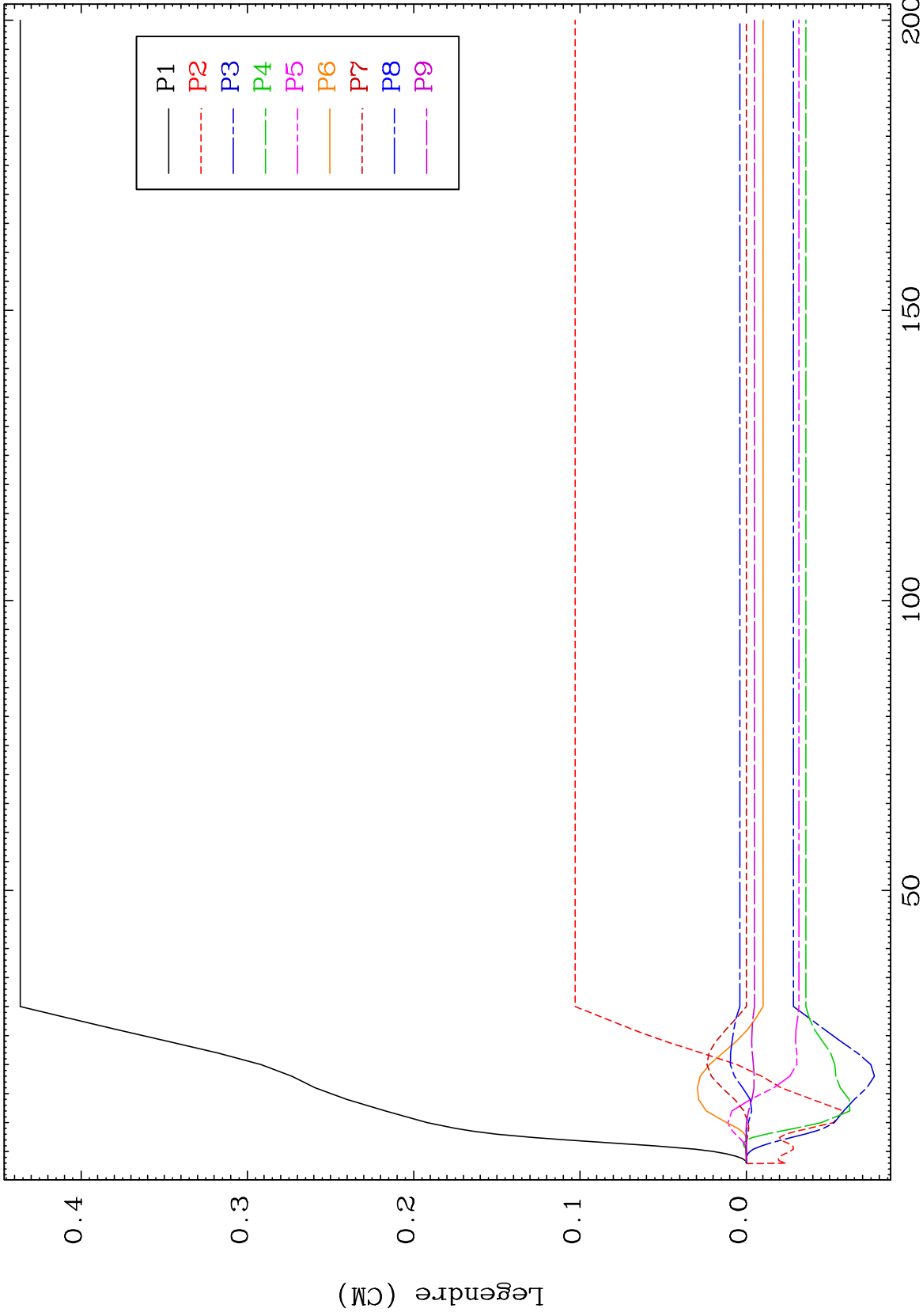
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



66

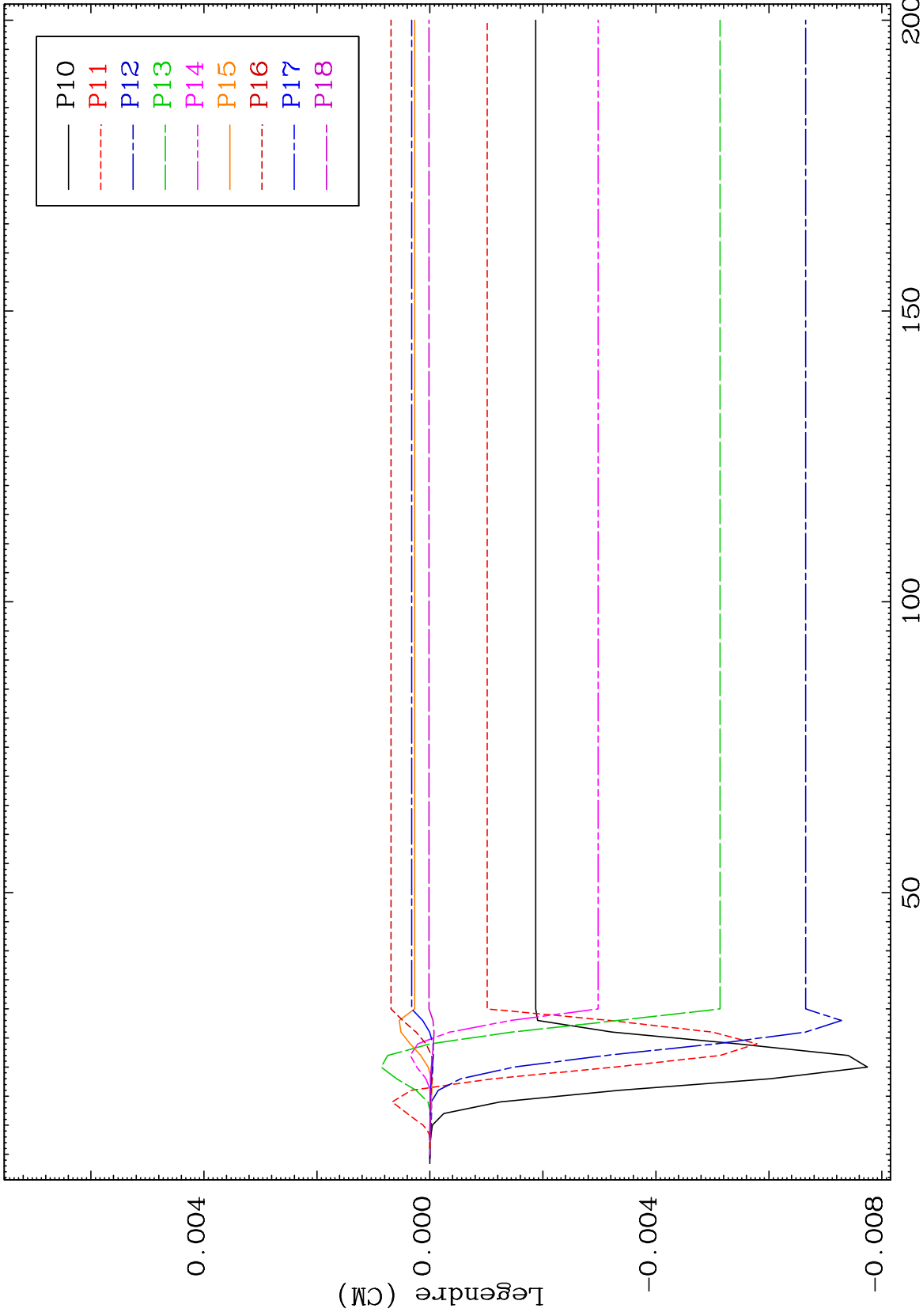
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



67

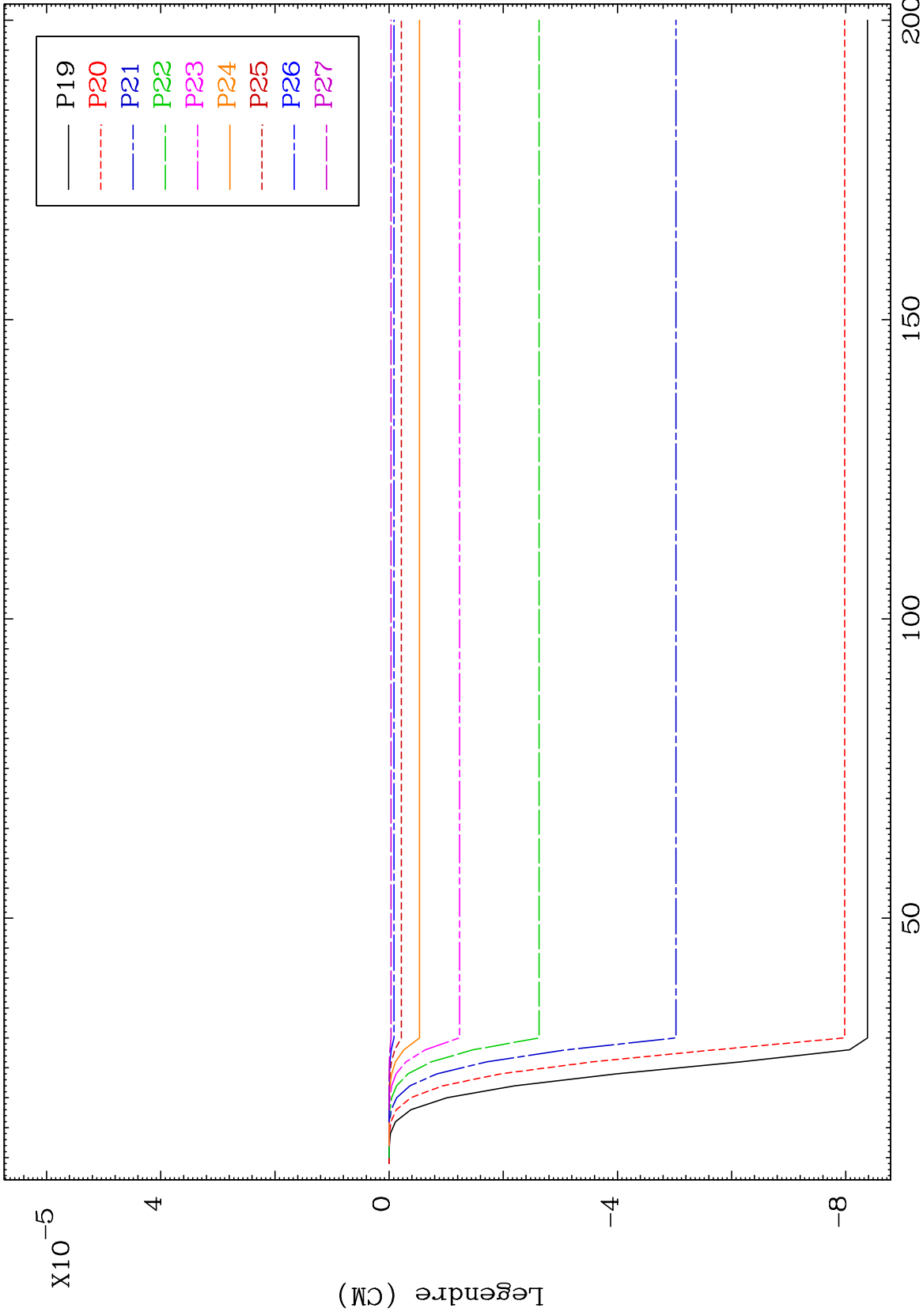
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



68

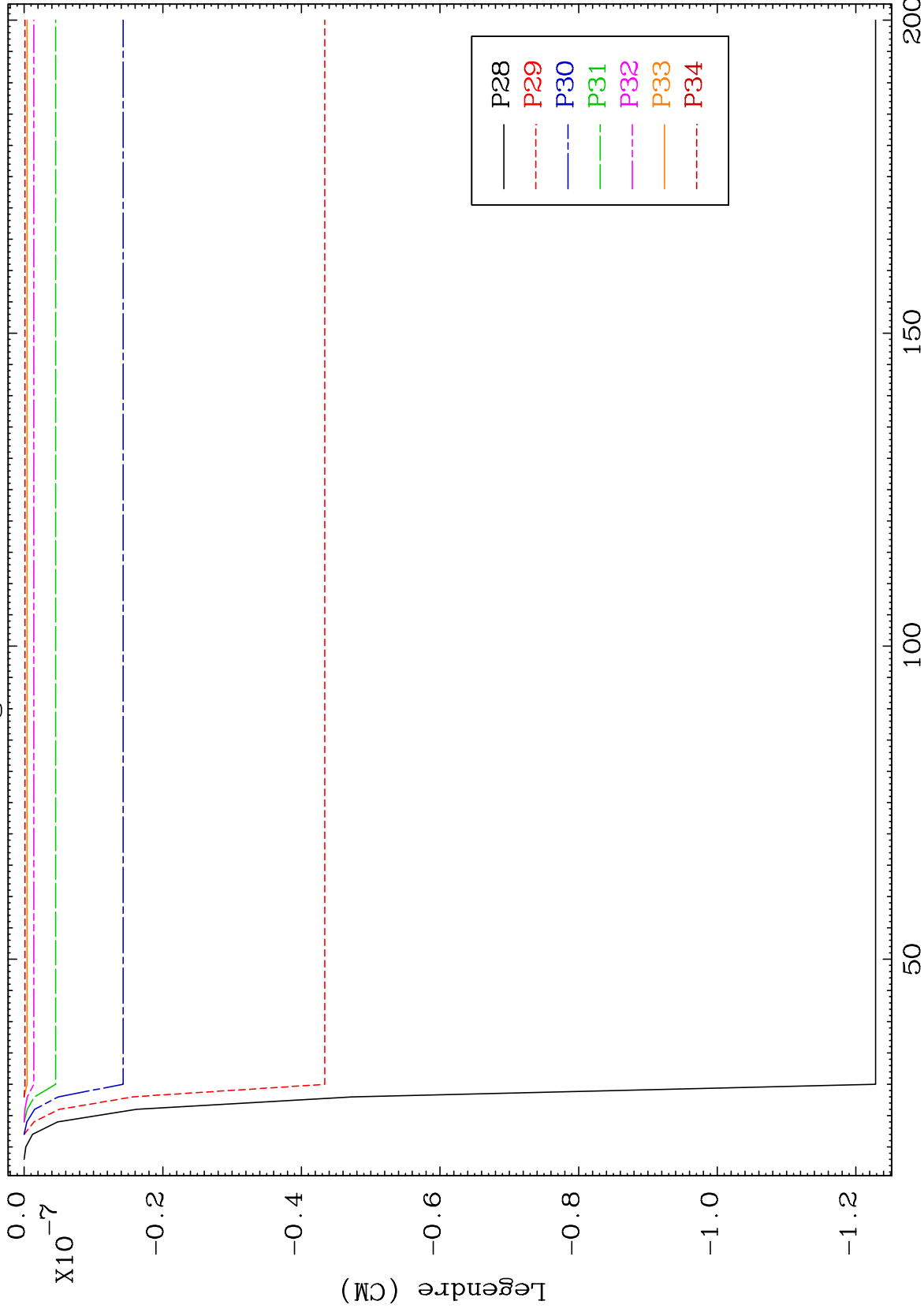
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



39-Y -92

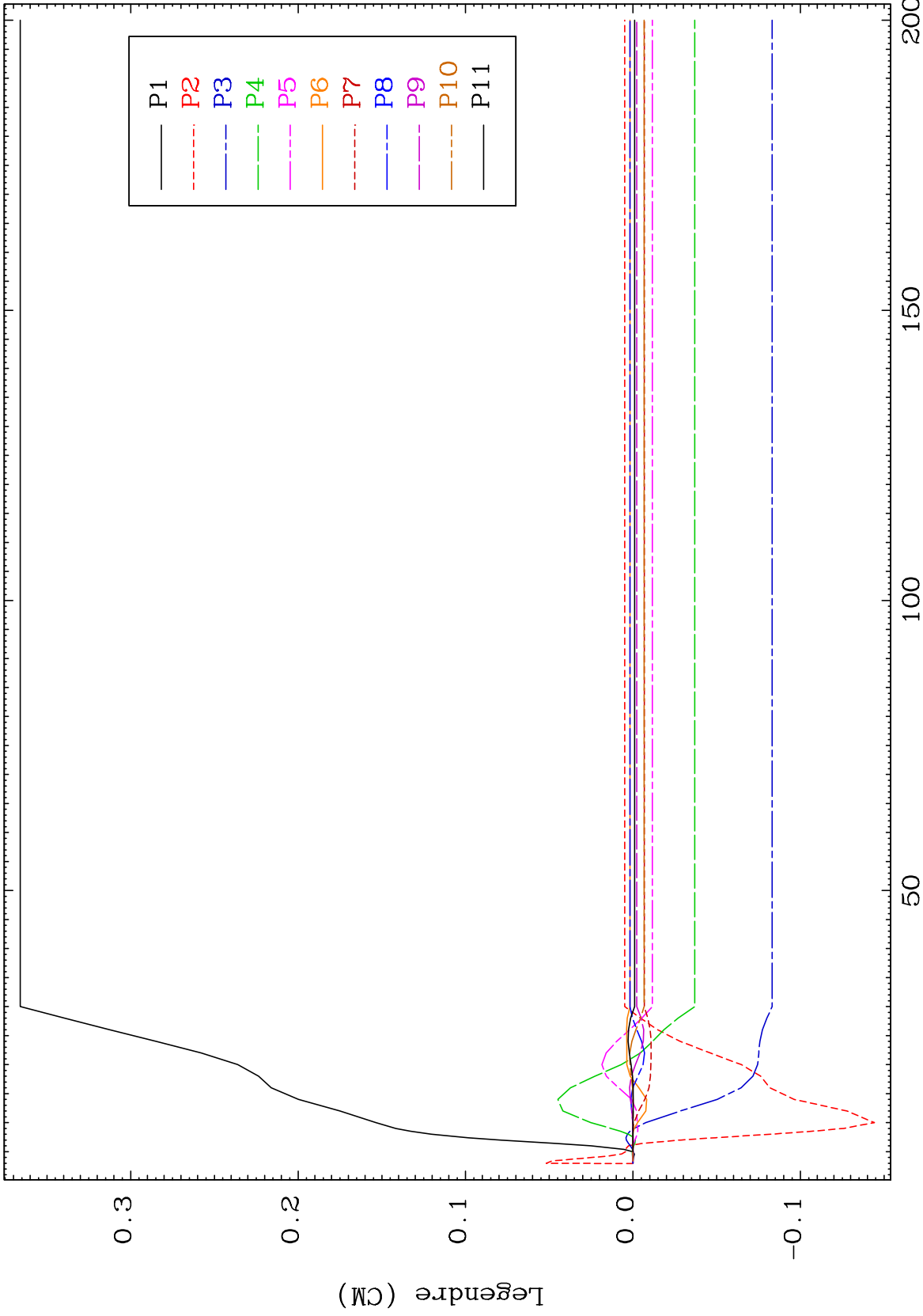
Incident Energy (MeV)

69

MAT 3934

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

39-Y -92



70

Incident Energy (MeV)

50

100

150

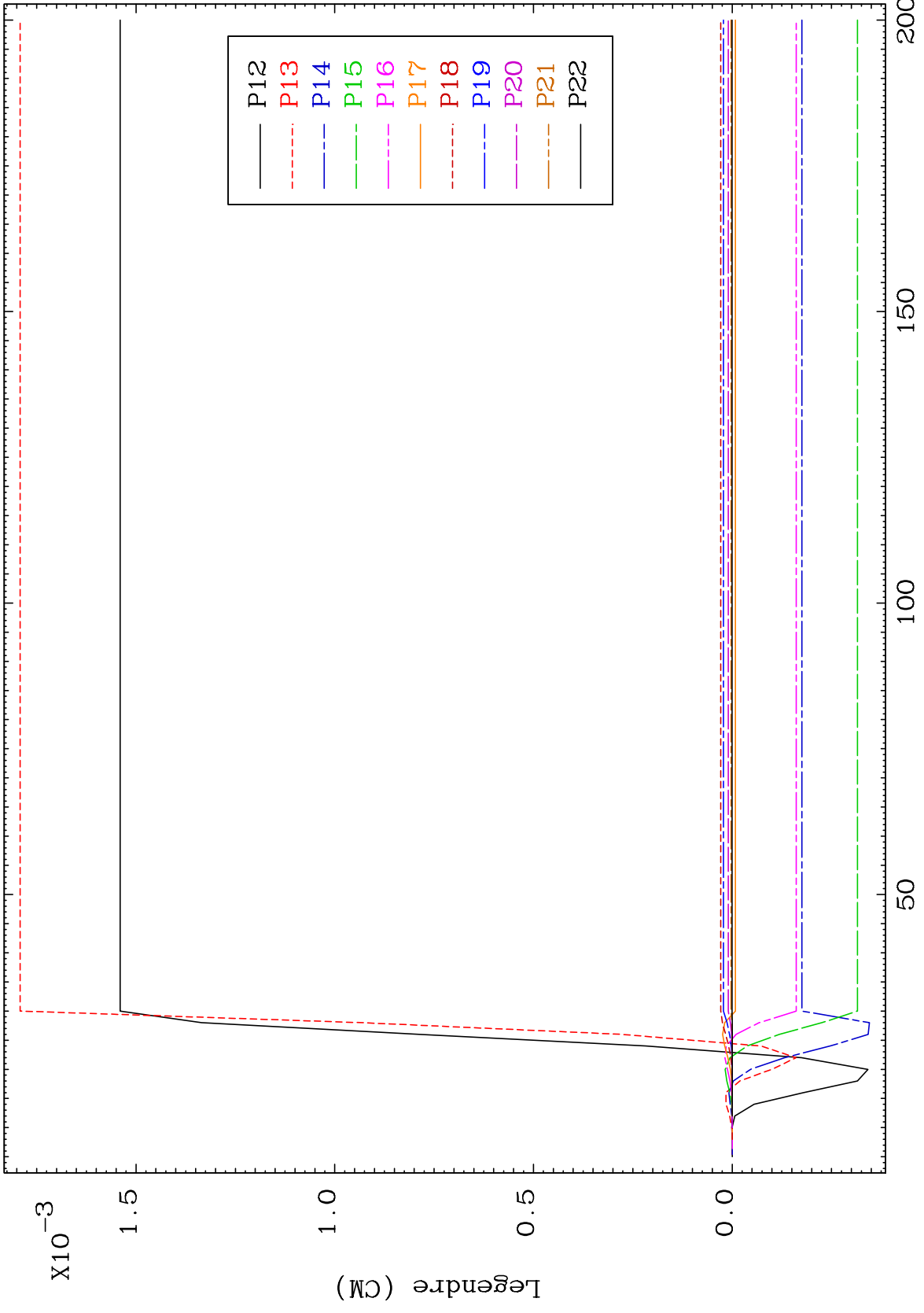
200

39-Y -92

MAT 3934

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

39-Y -92



71

Incident Energy (MeV)

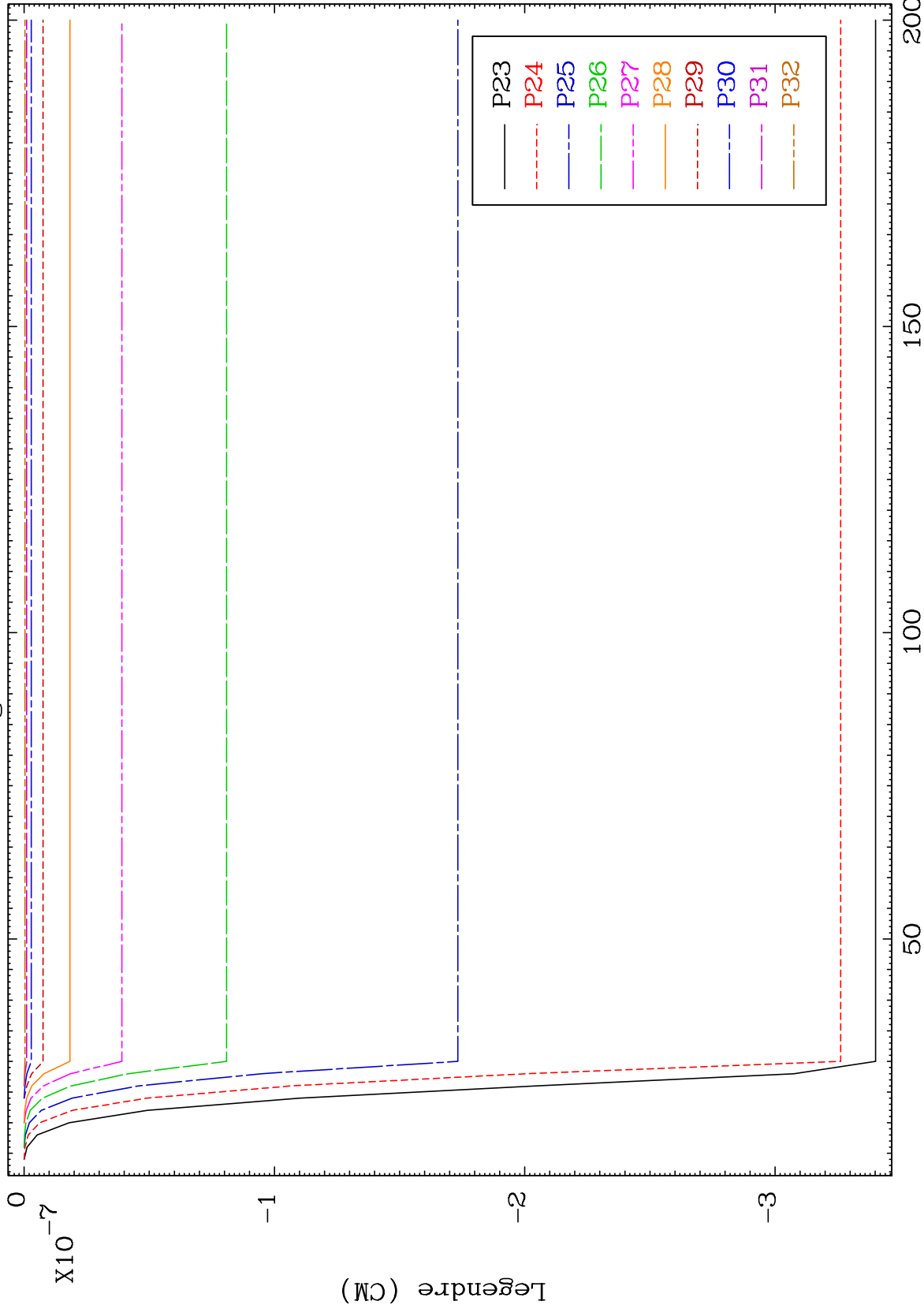
39-Y -92



MAT 3934

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

39-Y -92



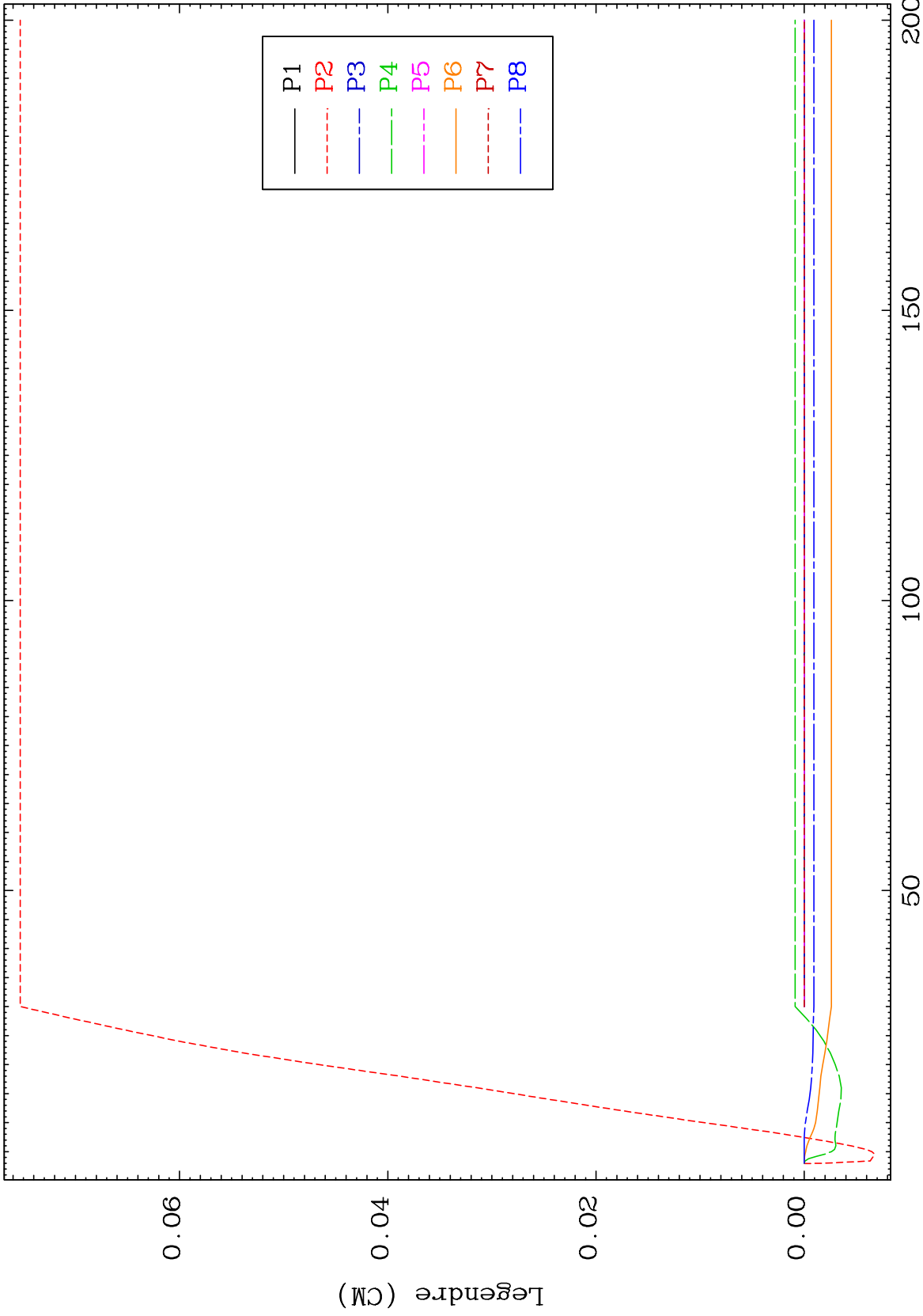
72

39-Y -92

MAT 3934

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

39-Y -92



73

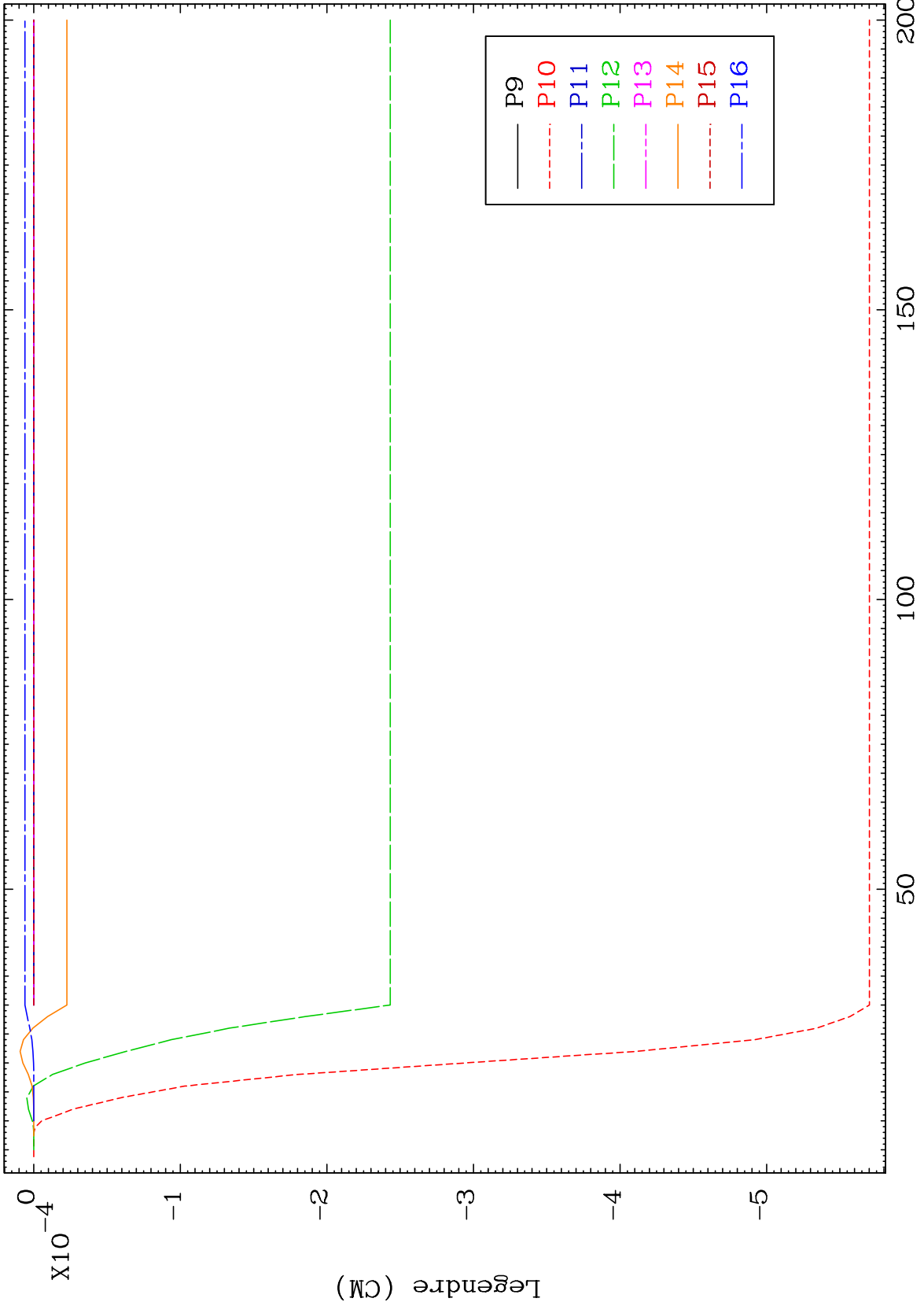
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

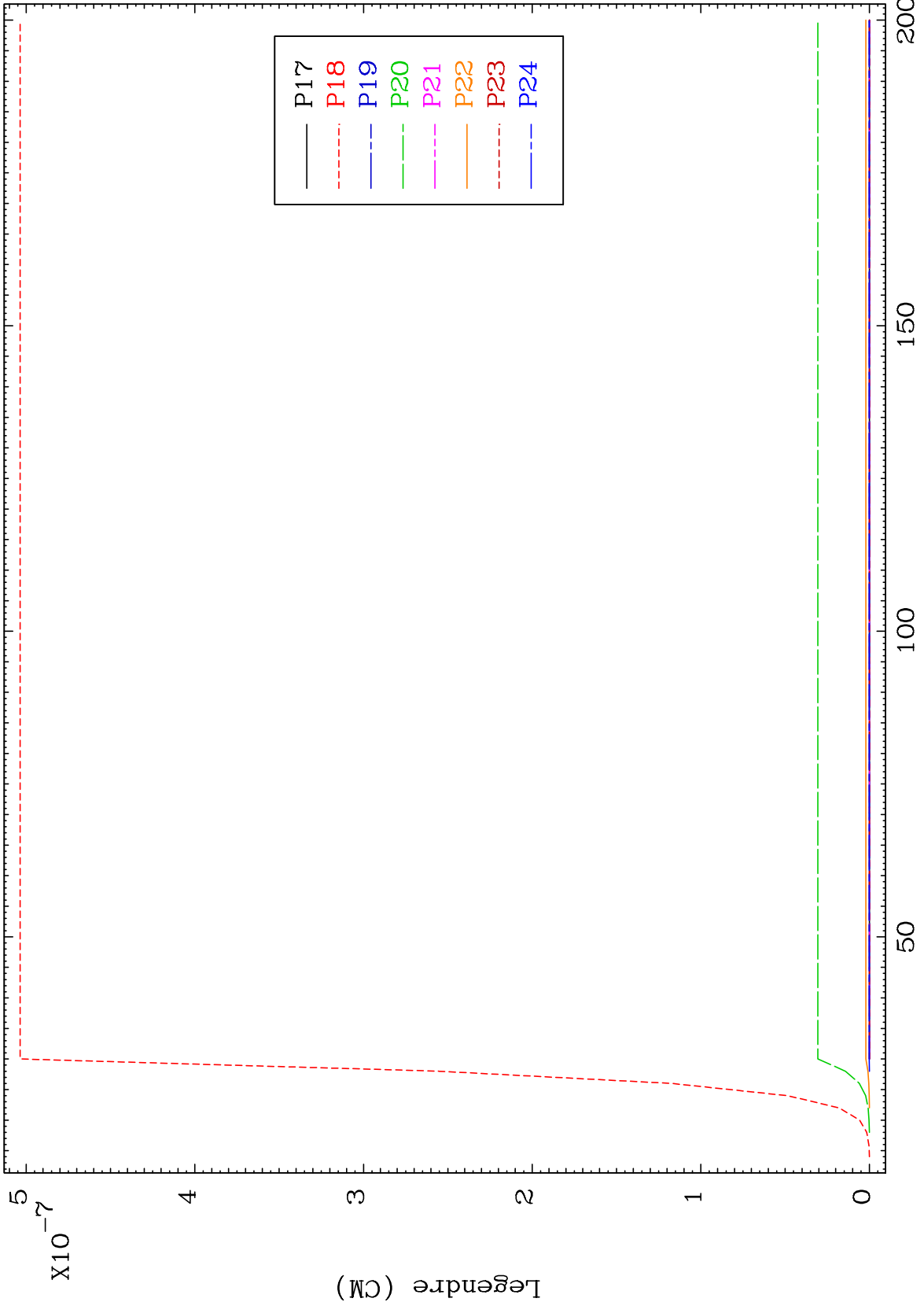


39-Y -92

Incident Energy (MeV)

74

MAT 3934 MT= 67 (n,n') Level Legendre Coefficients 39-Y -92

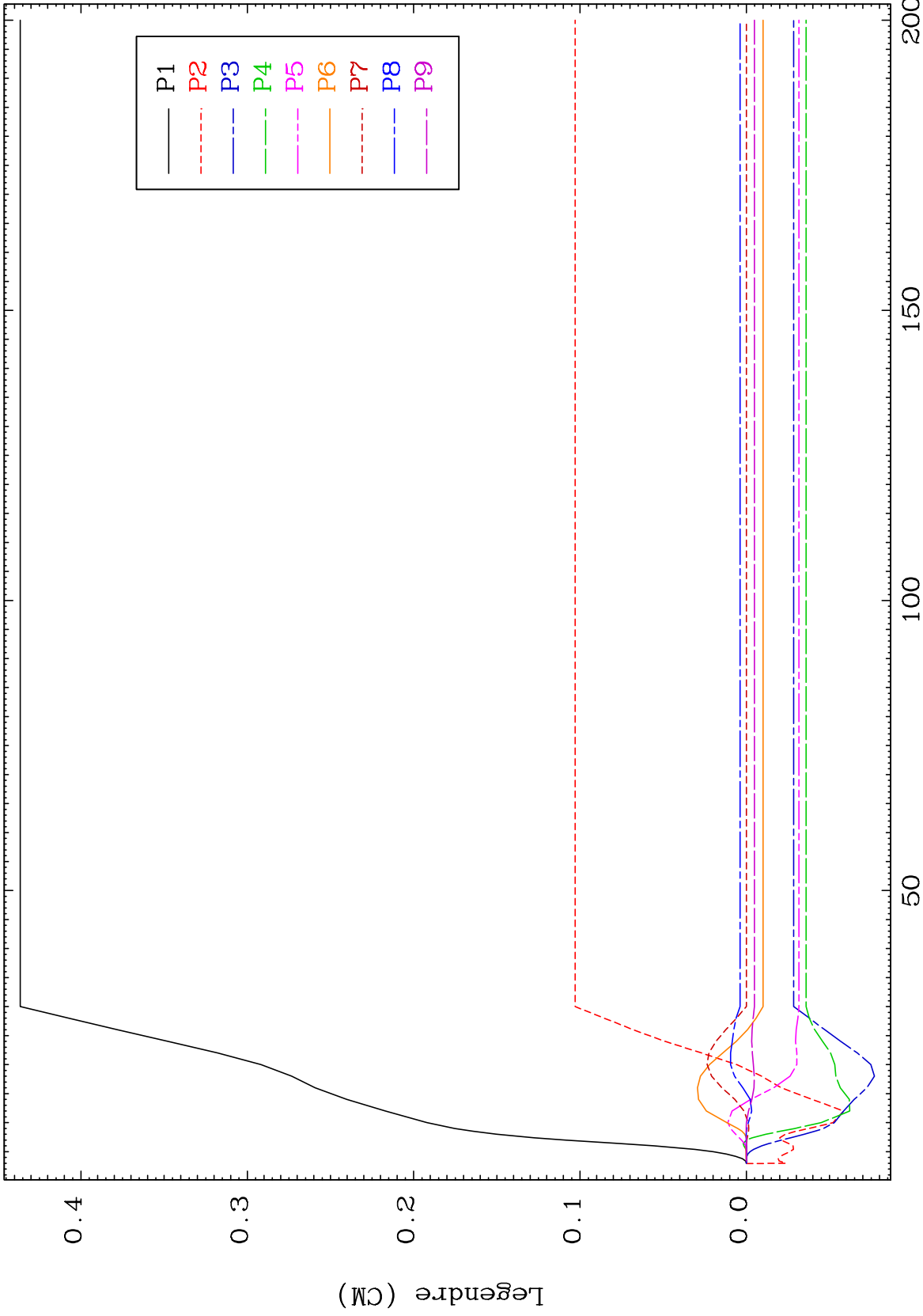


75 Incident Energy (MeV) 39-Y -92

MAT 3934

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

39-Y -92



76

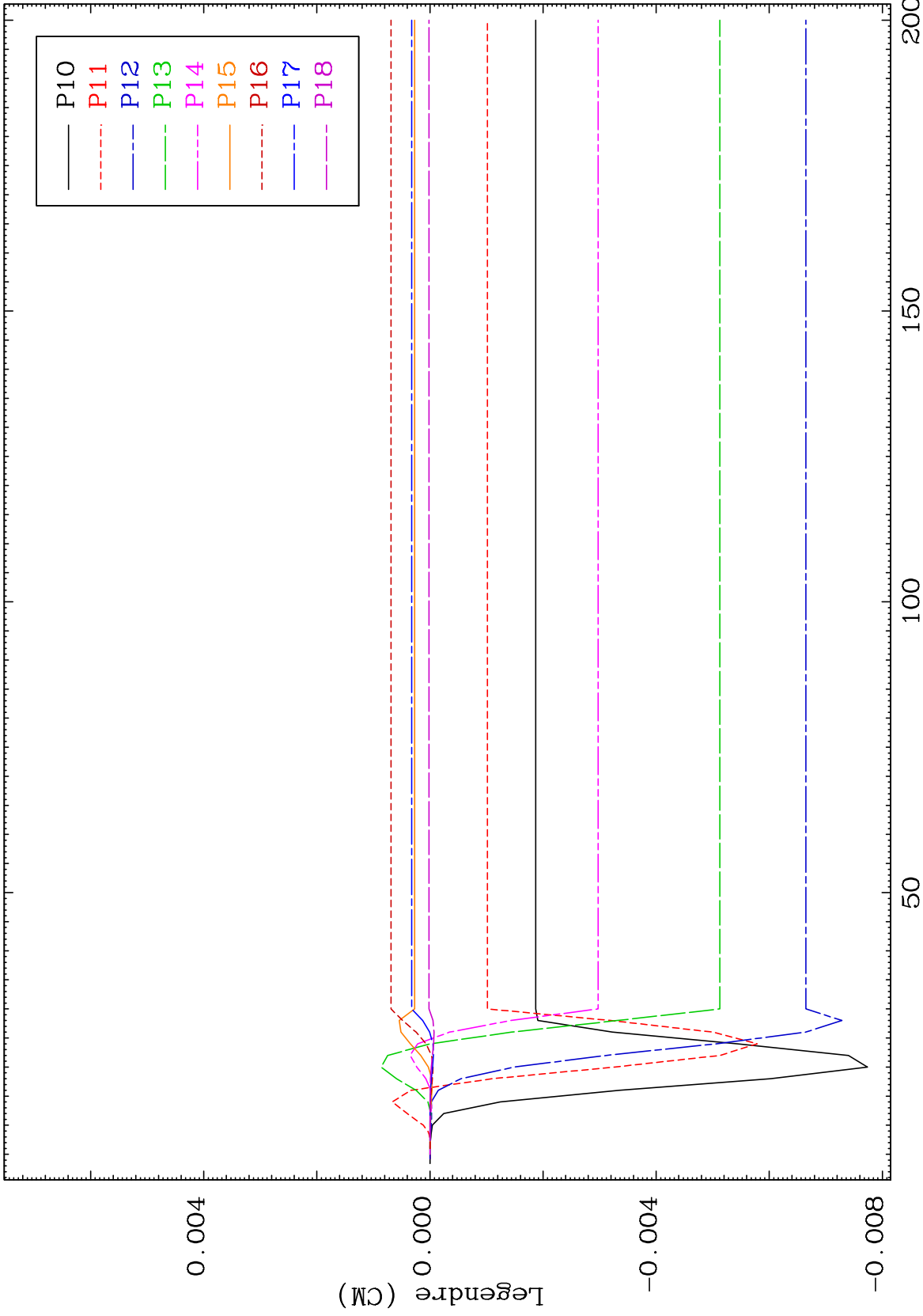
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



77

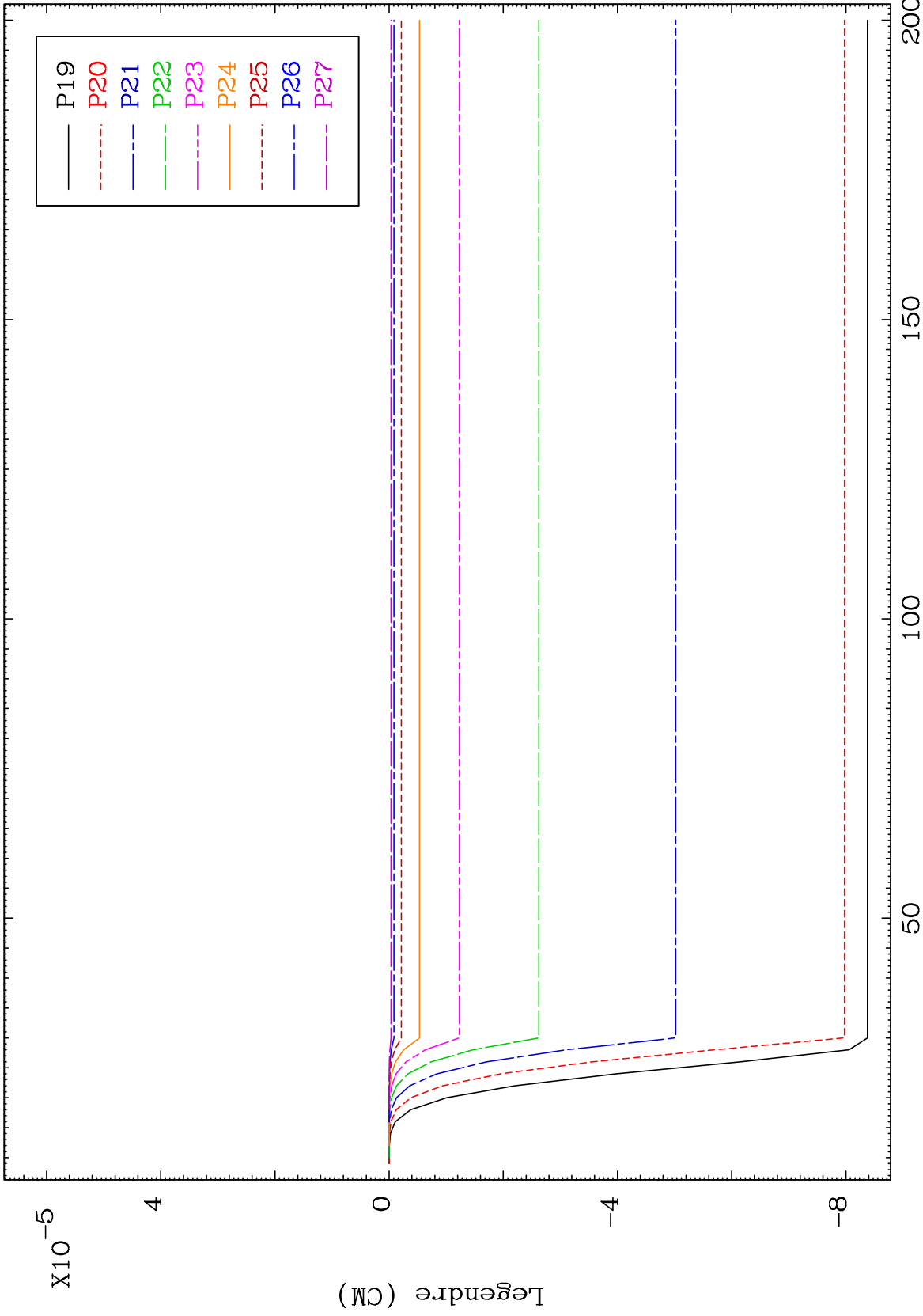
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

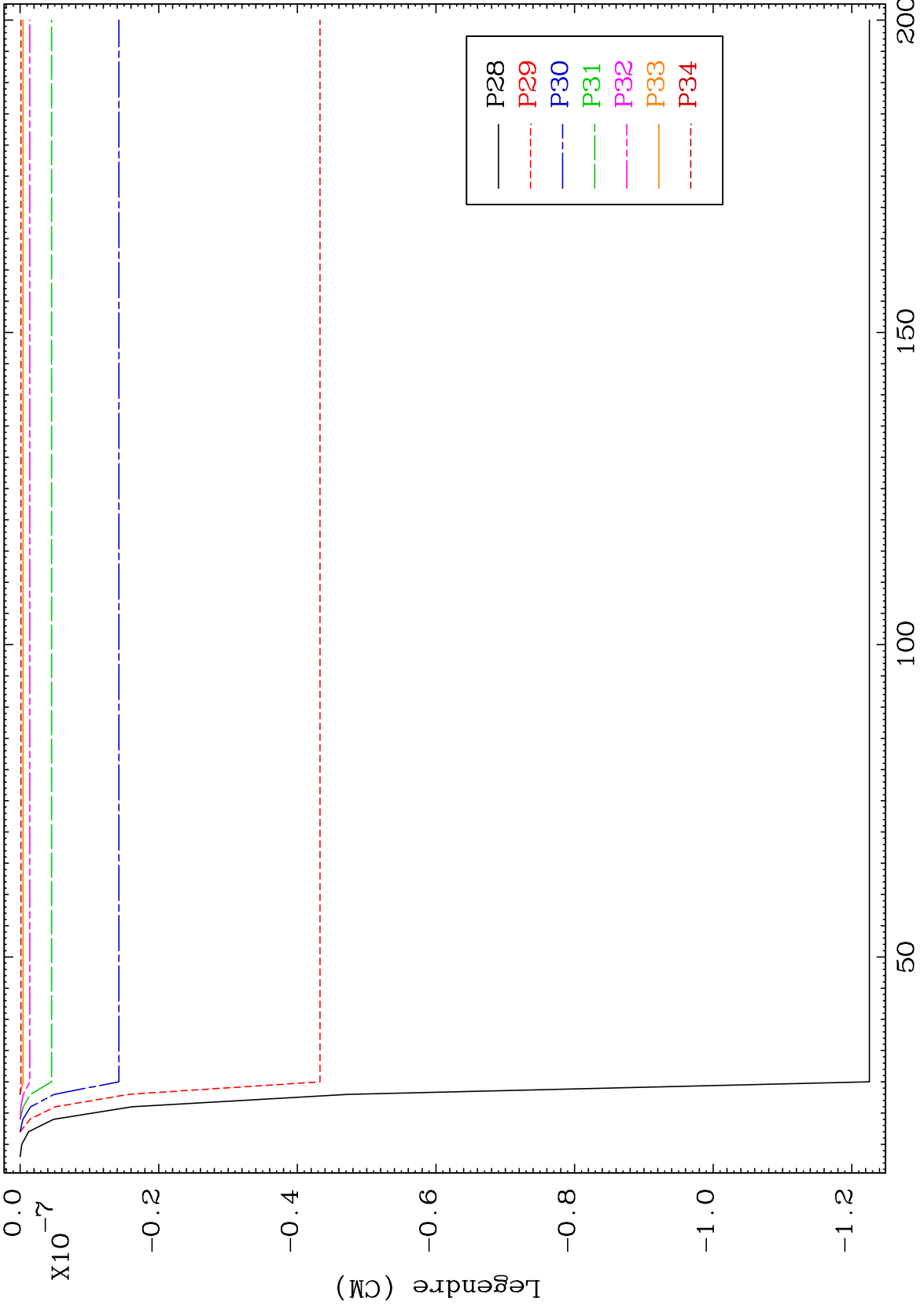


78

Incident Energy (MeV)

39-Y -92

MAT 3934 MT= 68 (n,n') Level Legendre Coefficients 39-Y -92



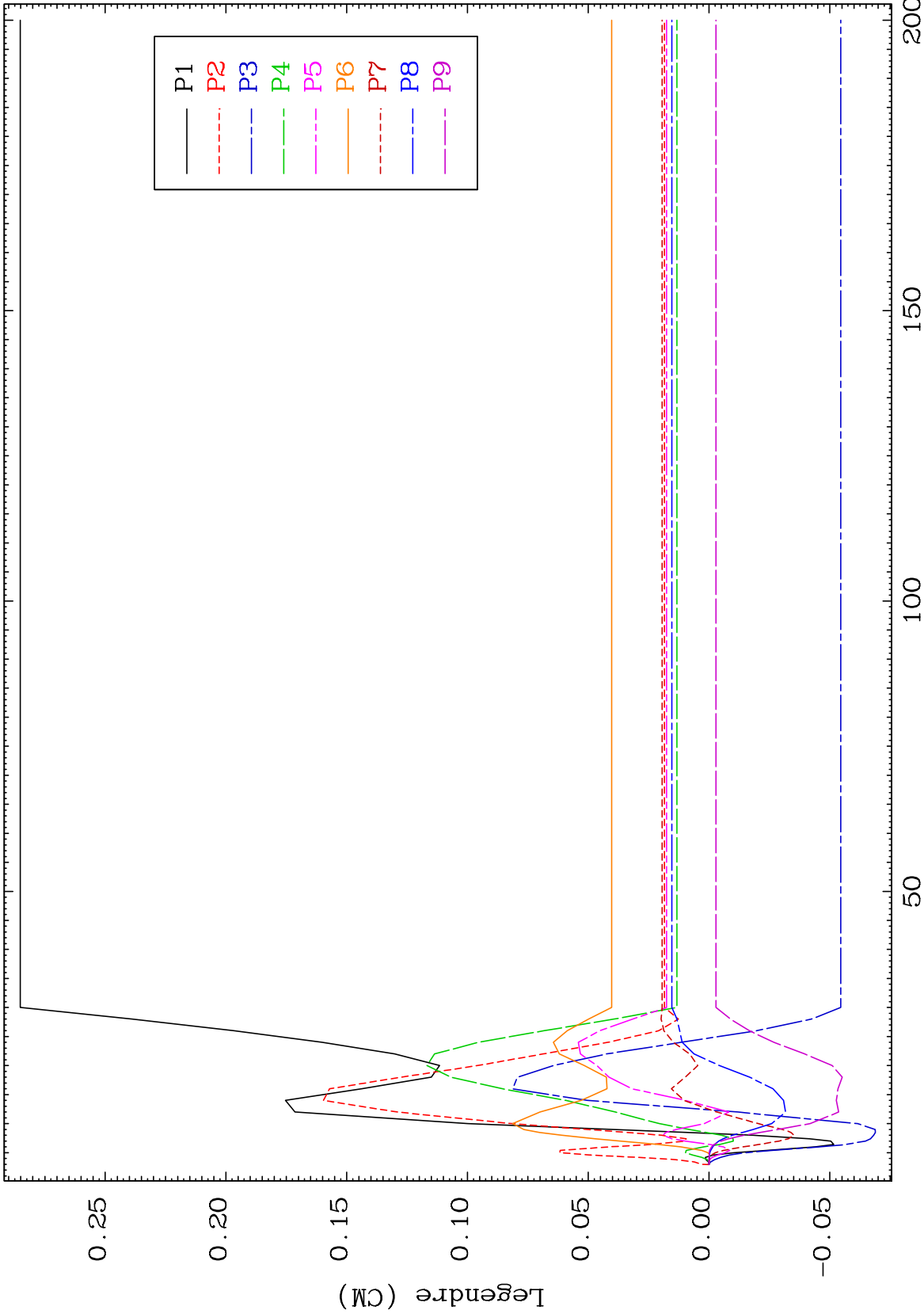
79 Incident Energy (MeV) 39-Y -92



MAT 3934

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

39-Y -92



80

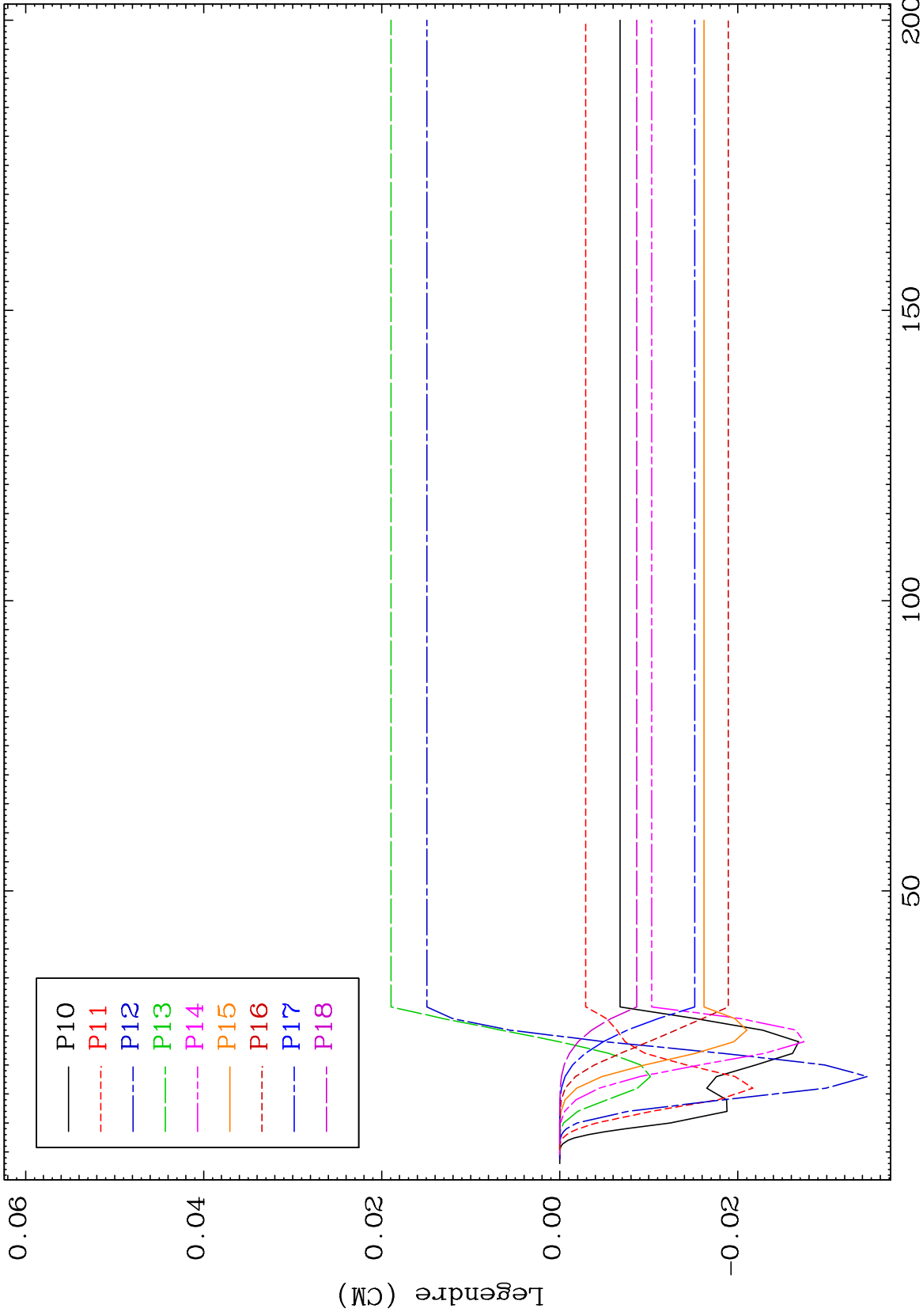
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

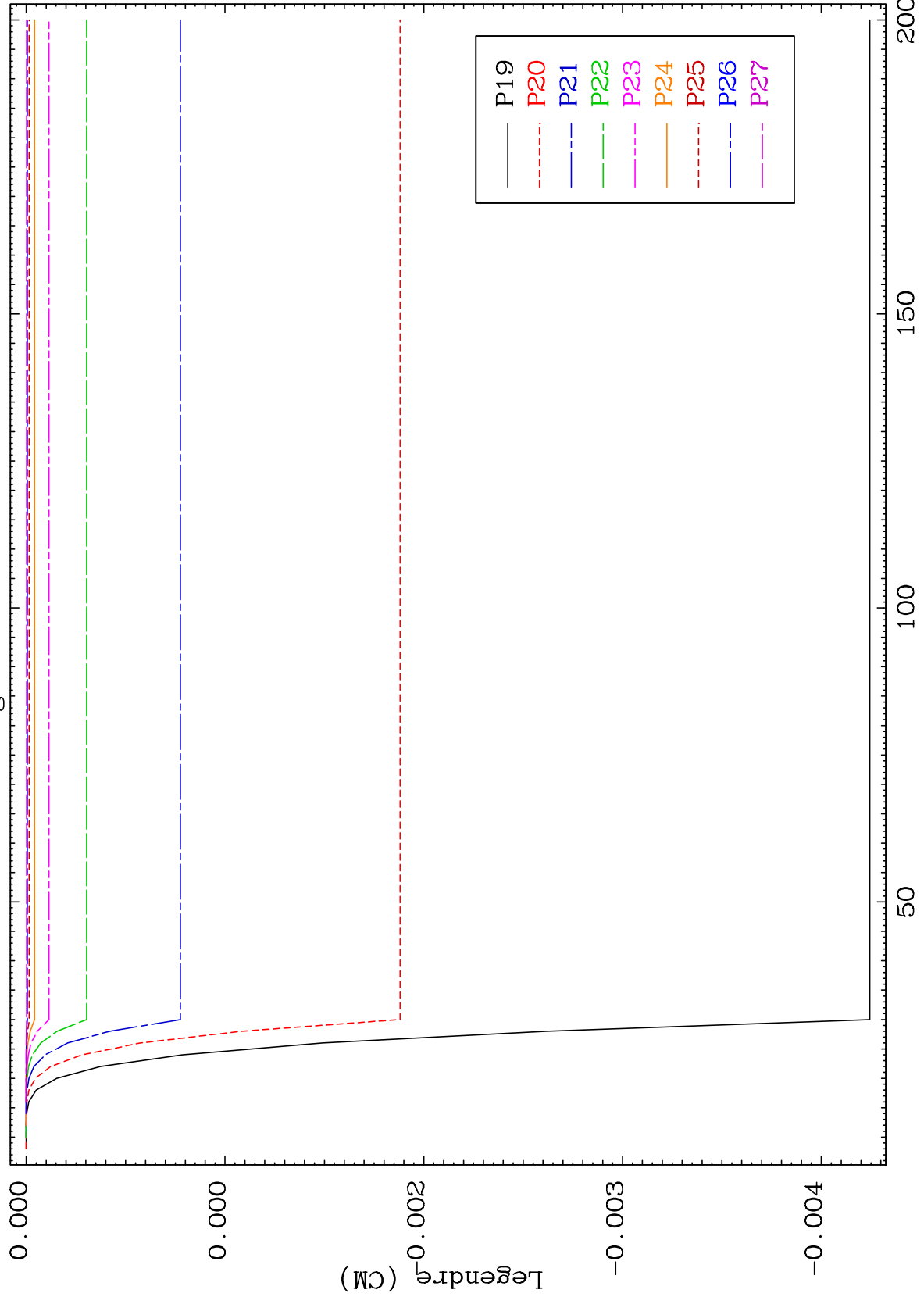


81

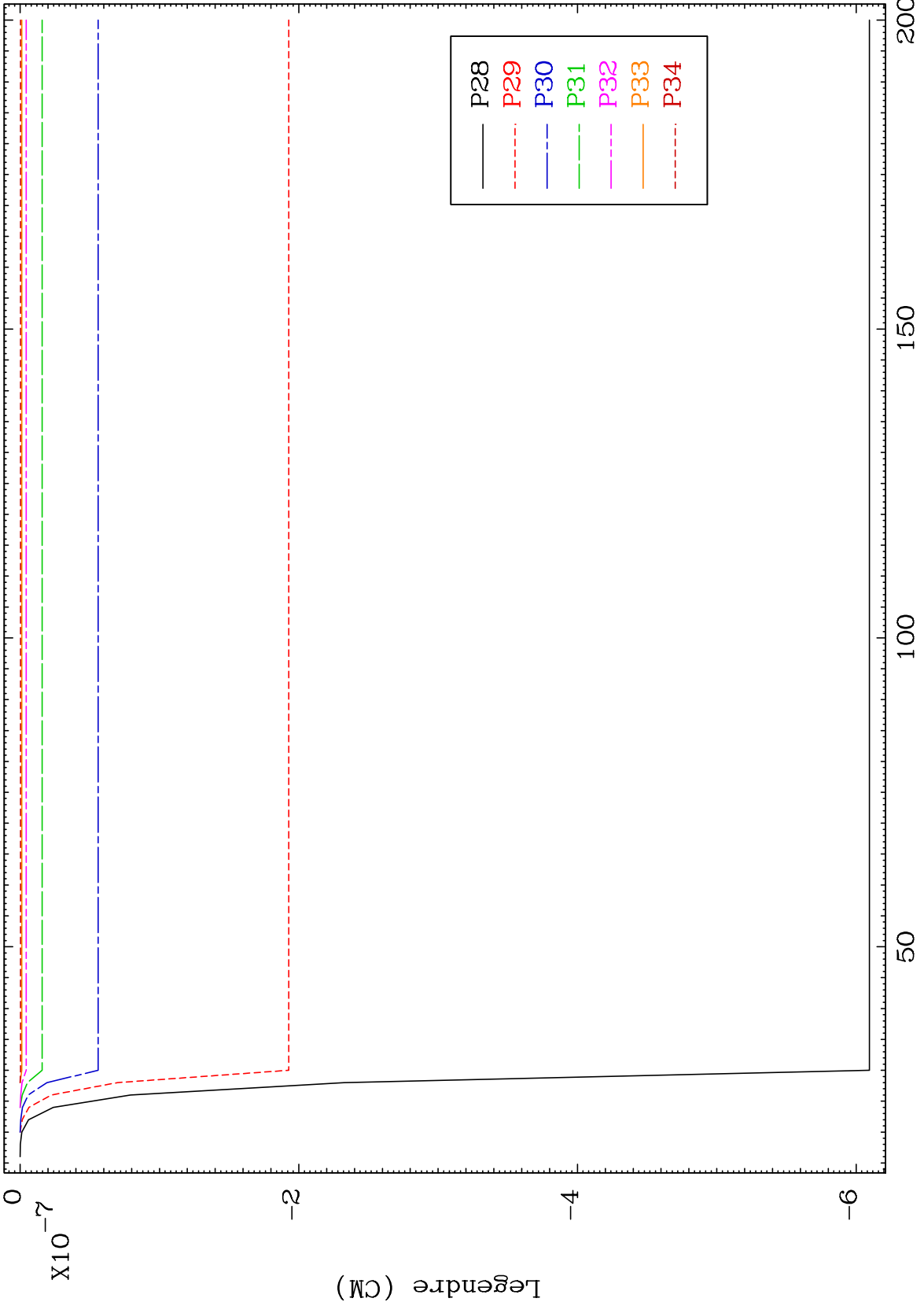
Incident Energy (MeV)

39-Y -92

MAT 3934 MT= 69 (n,n') Level Legendre Coefficients 39-Y -92



MAT 3934 MT= 69 (n,n') Level Legendre Coefficients 39-Y -92

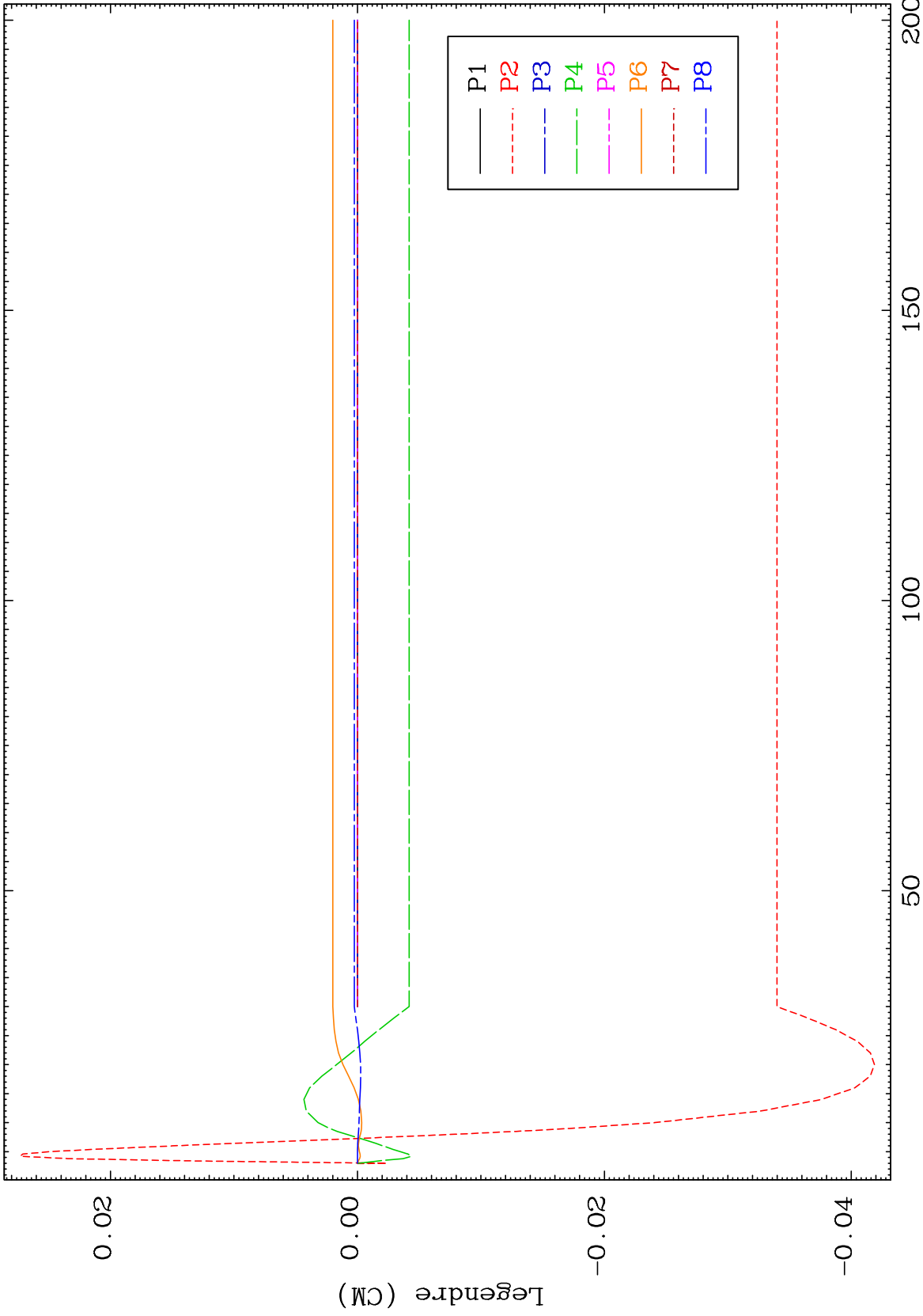


83 39-Y -92

MAT 3934

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

39-Y -92



84

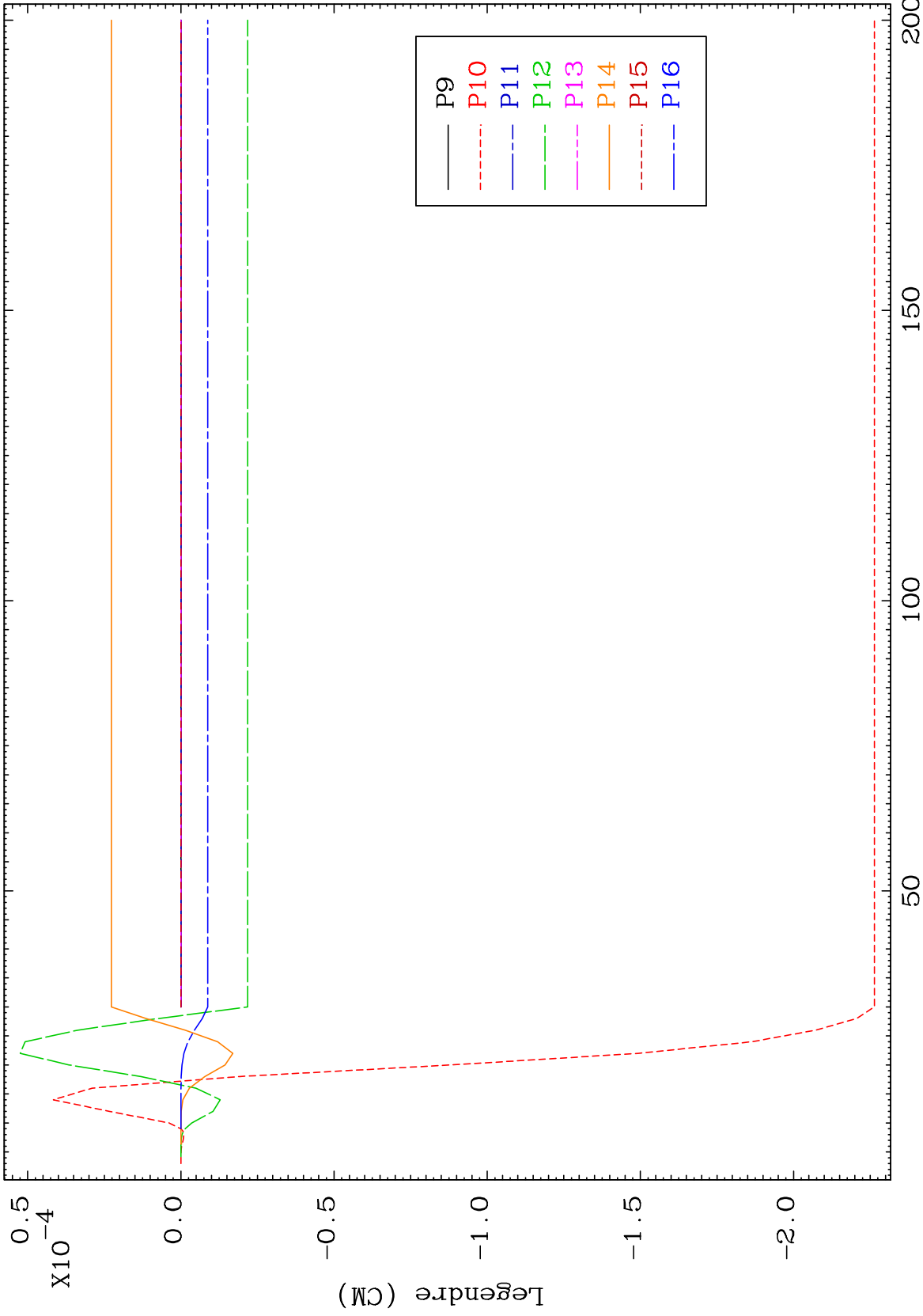
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

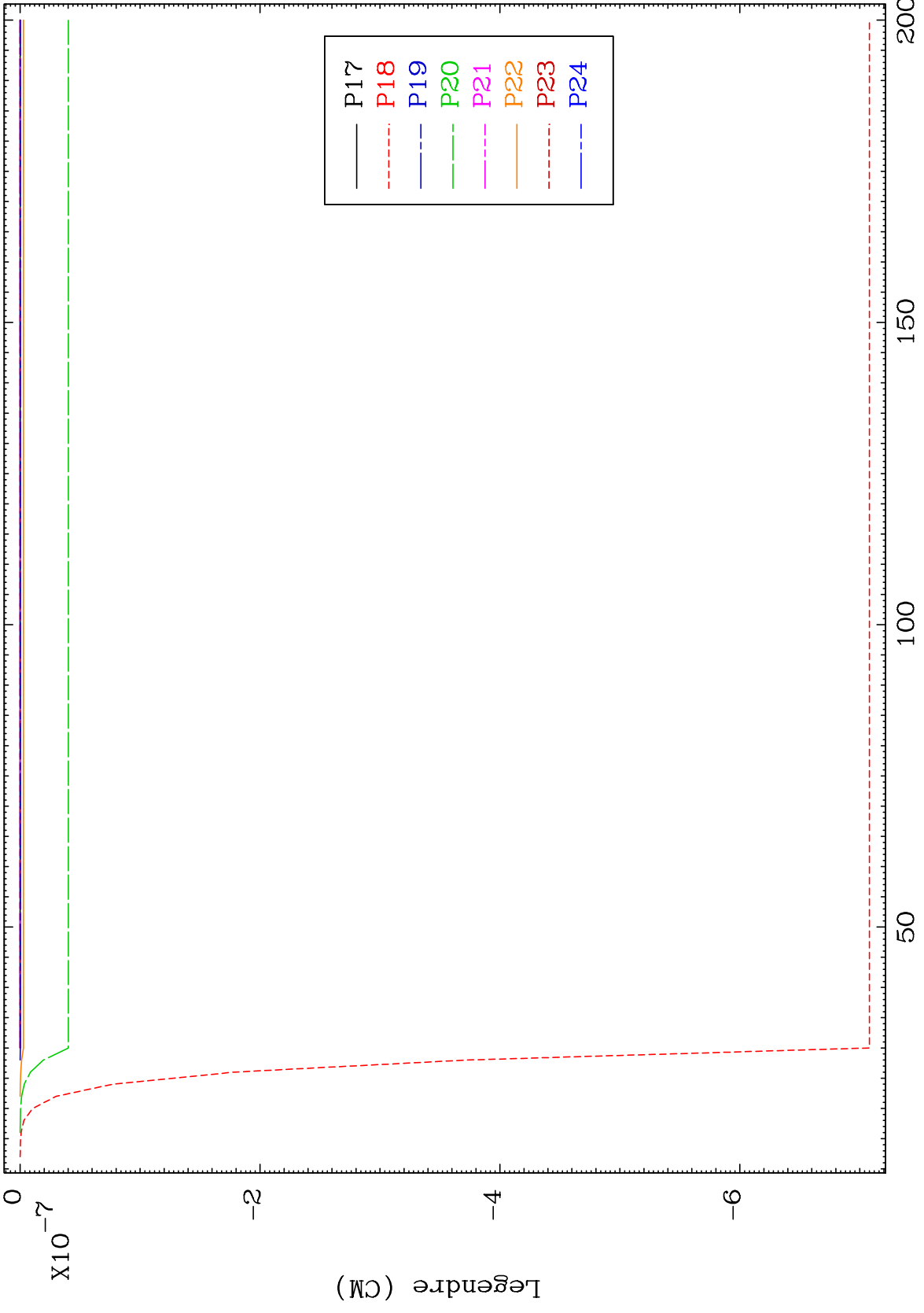


85

Incident Energy (MeV)

39-Y -92

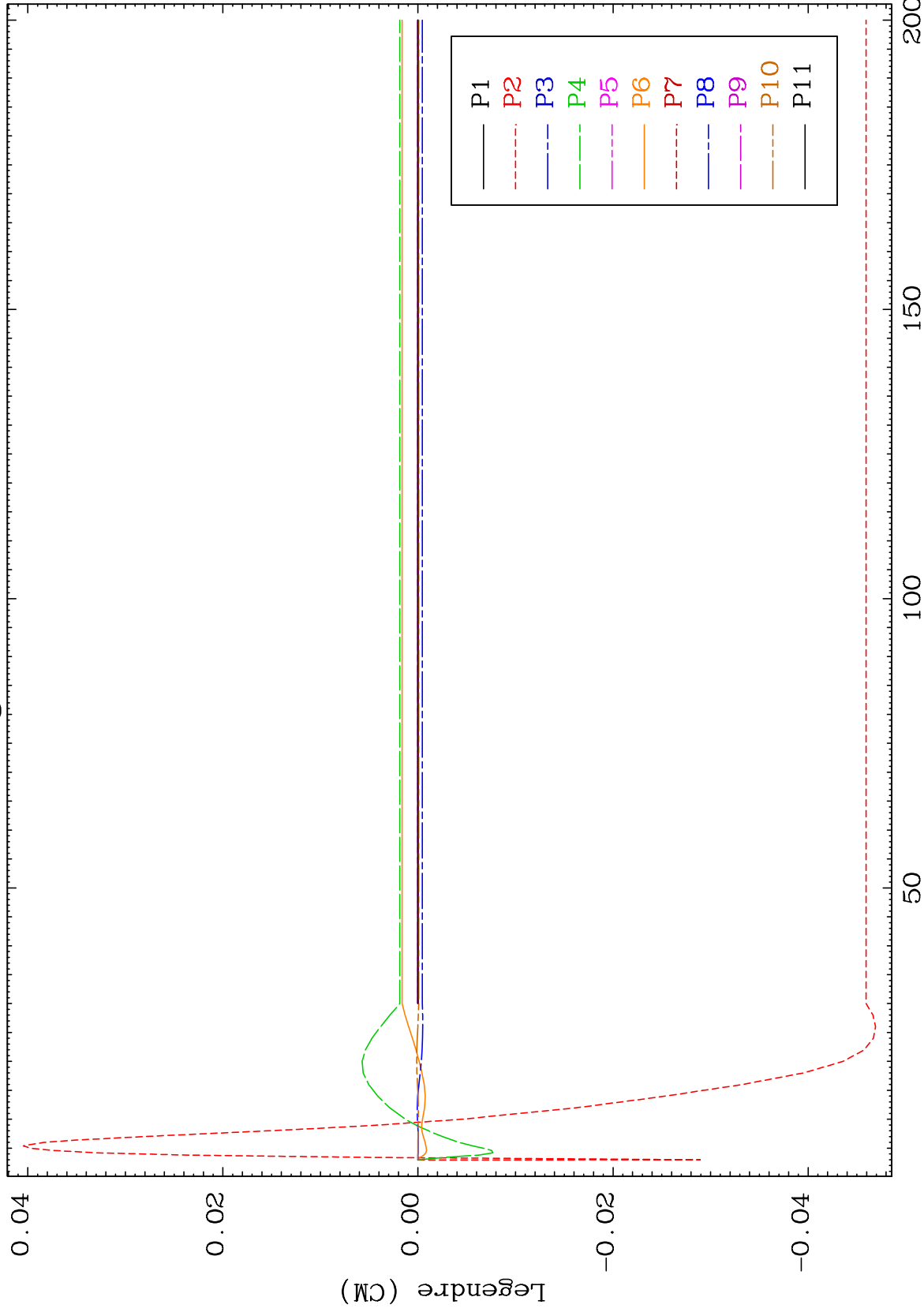
MAT 3934 MT= 70 (n,n') Level Legendre Coefficients 39-Y -92



MAT 3934

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

39-Y -92



87

Incident Energy (MeV)

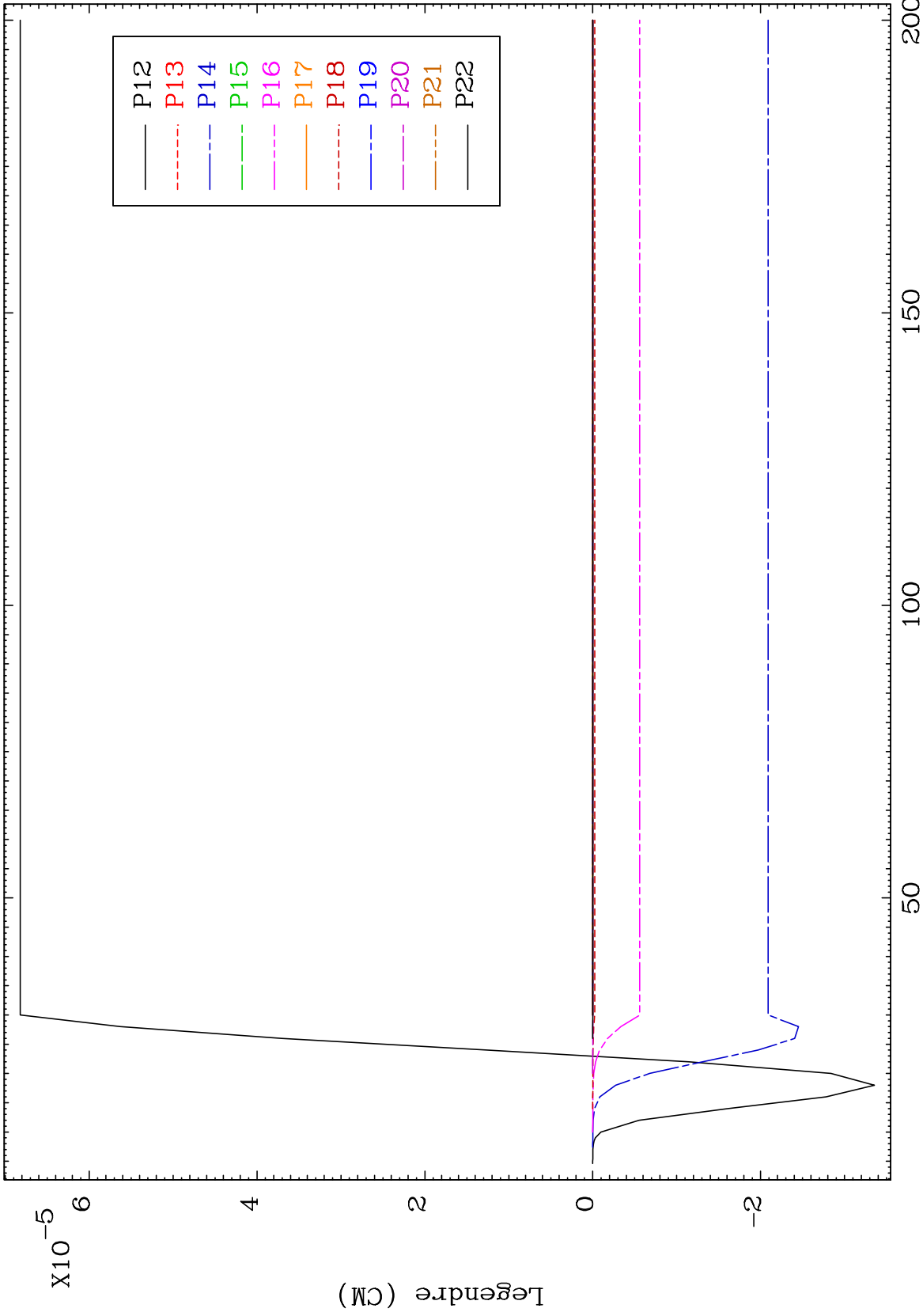
39-Y -92



MAT 3934

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

39-Y -92



88

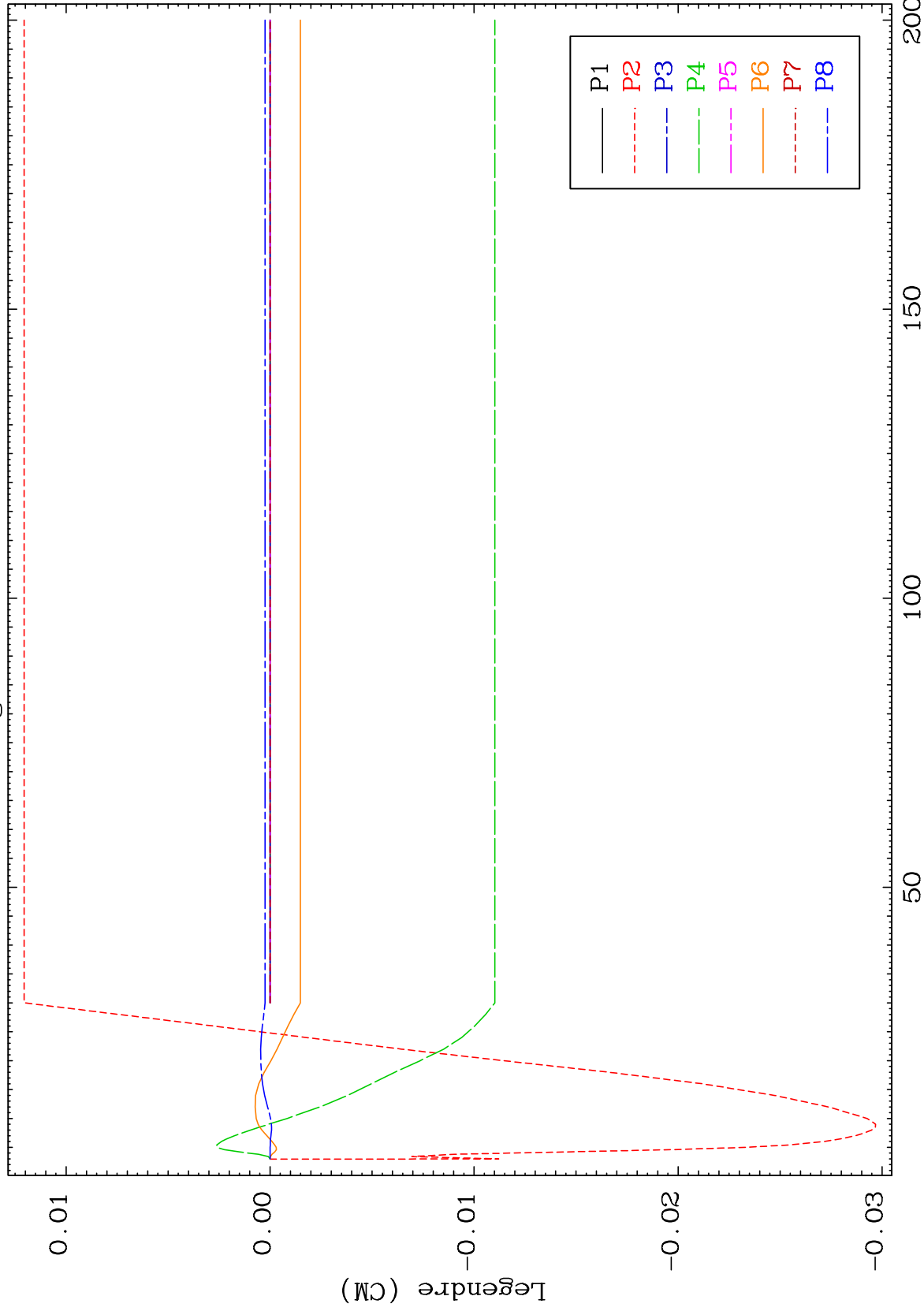
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



89

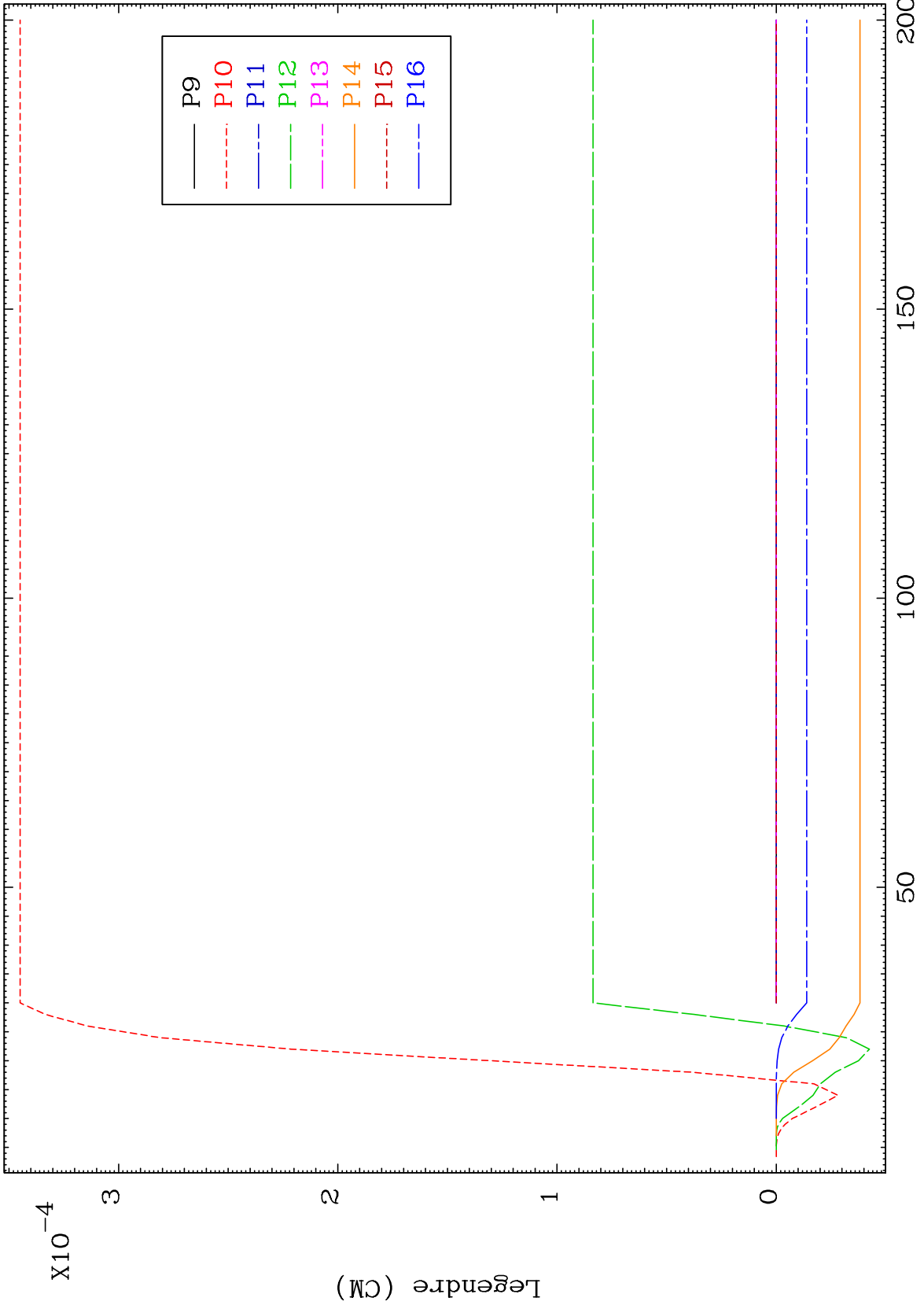
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

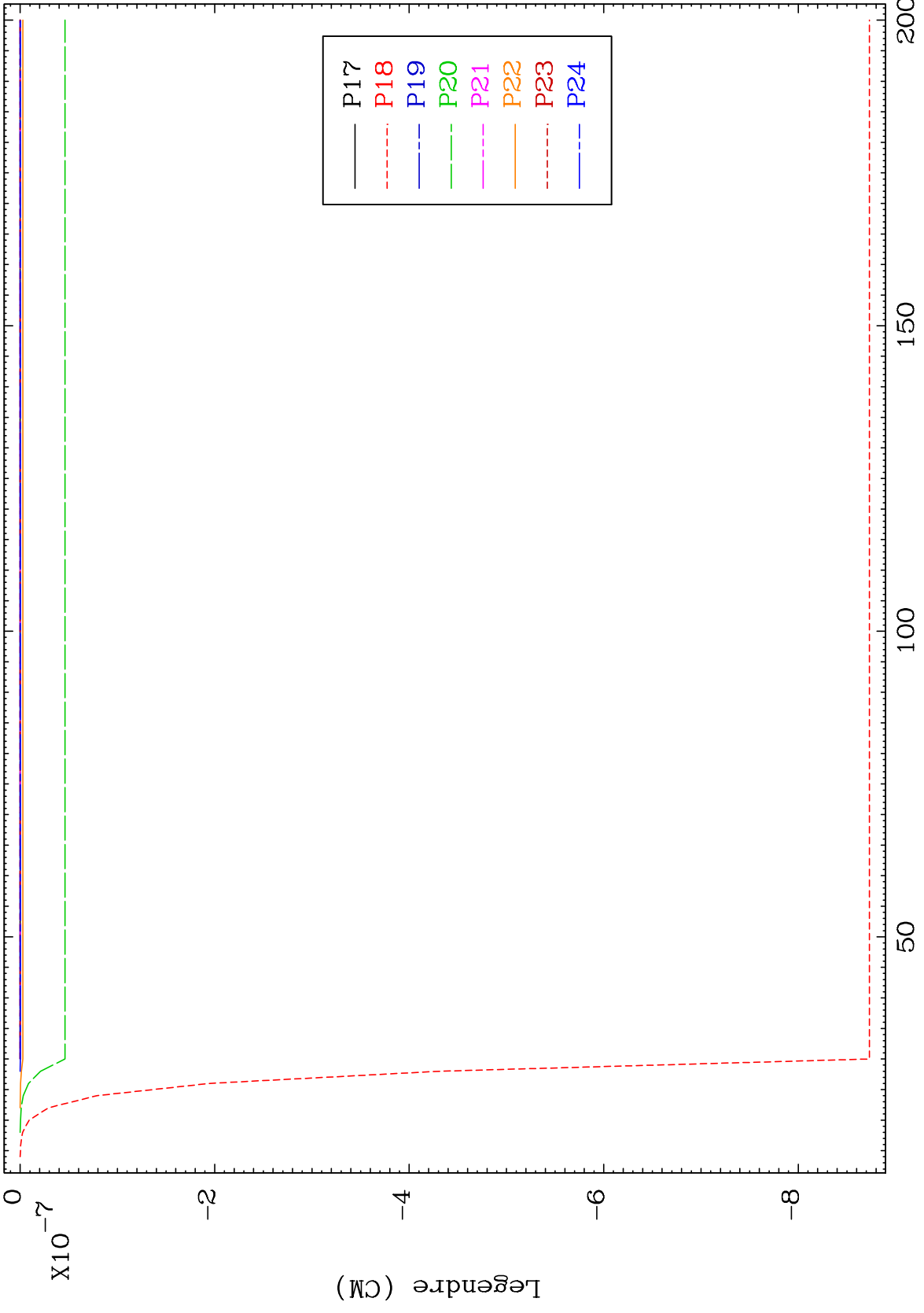


90

Incident Energy (MeV)

39-Y -92

MAT 3934 MT= 72 (n,n') Level Legendre Coefficients 39-Y -92

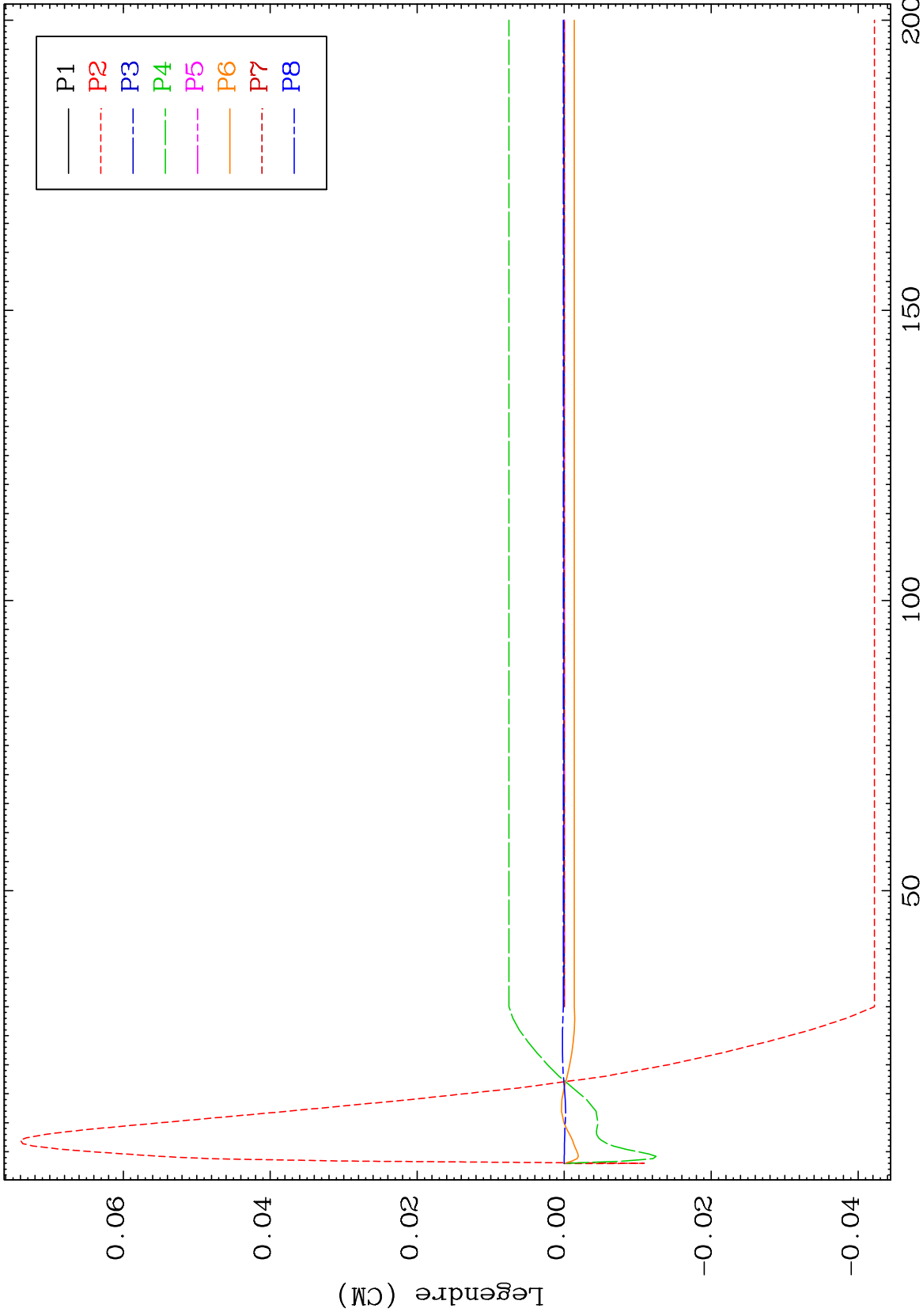


91 39-Y -92

MAT 3934

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

39-Y -92



92

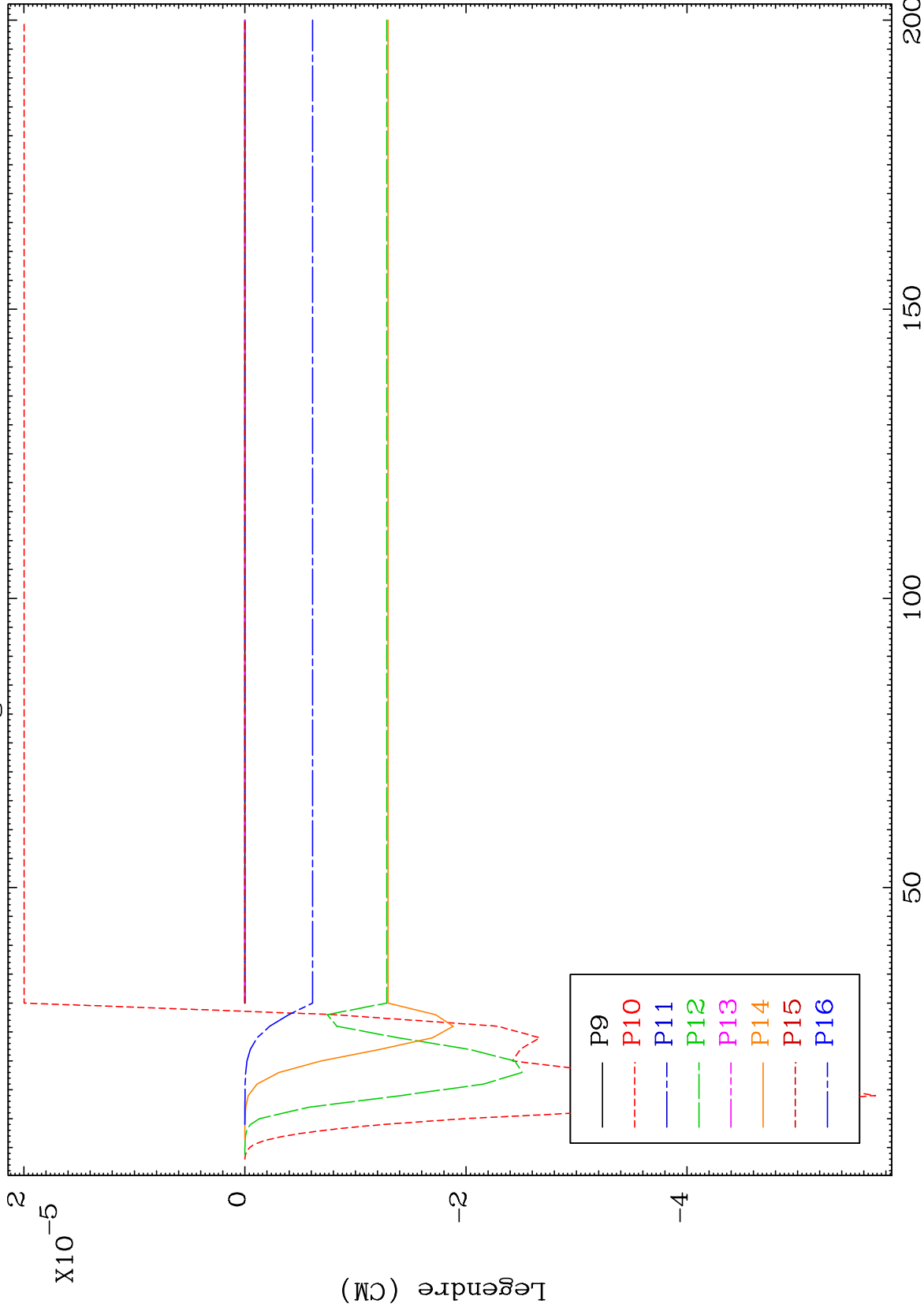
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



93

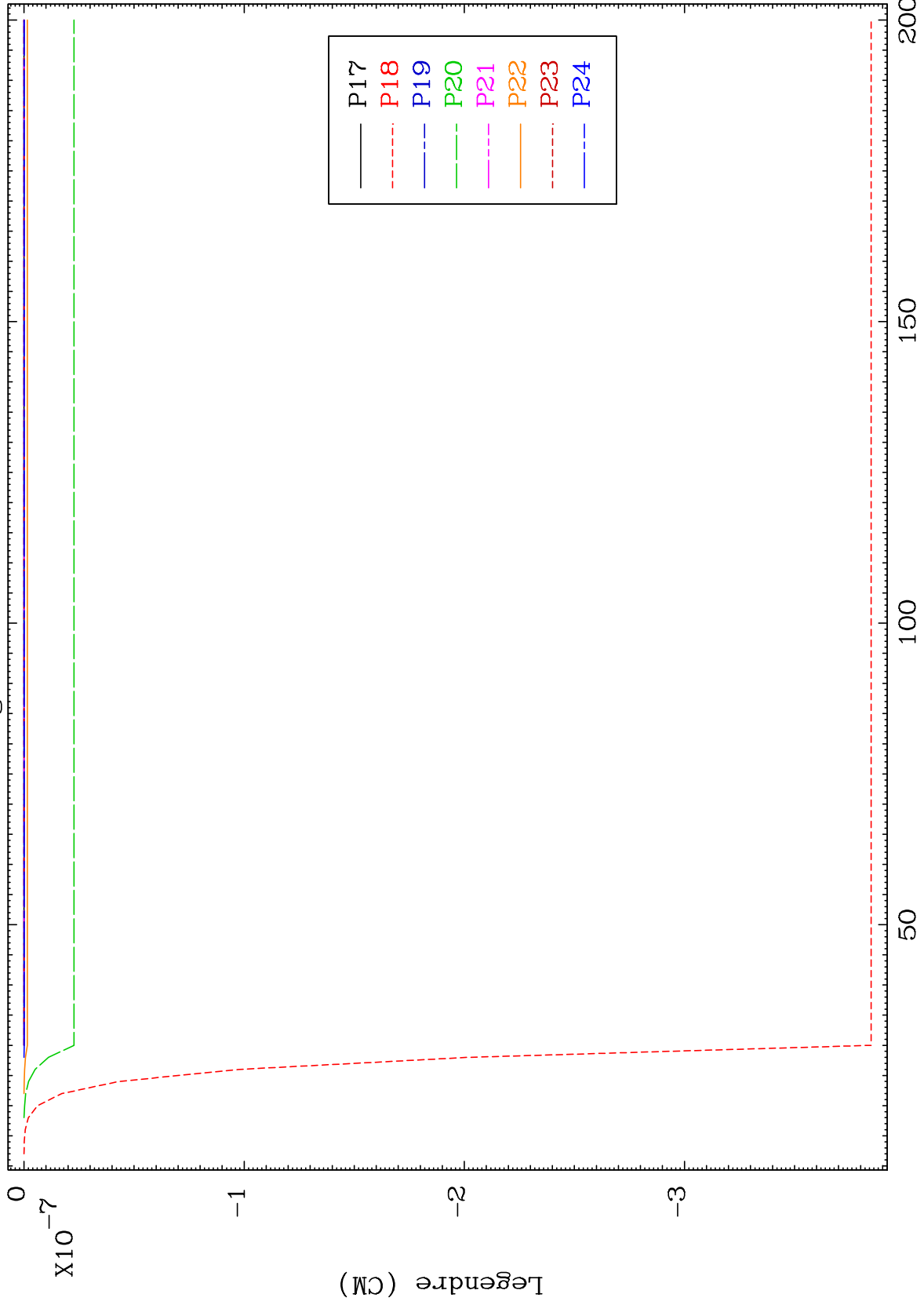
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



39-Y -92

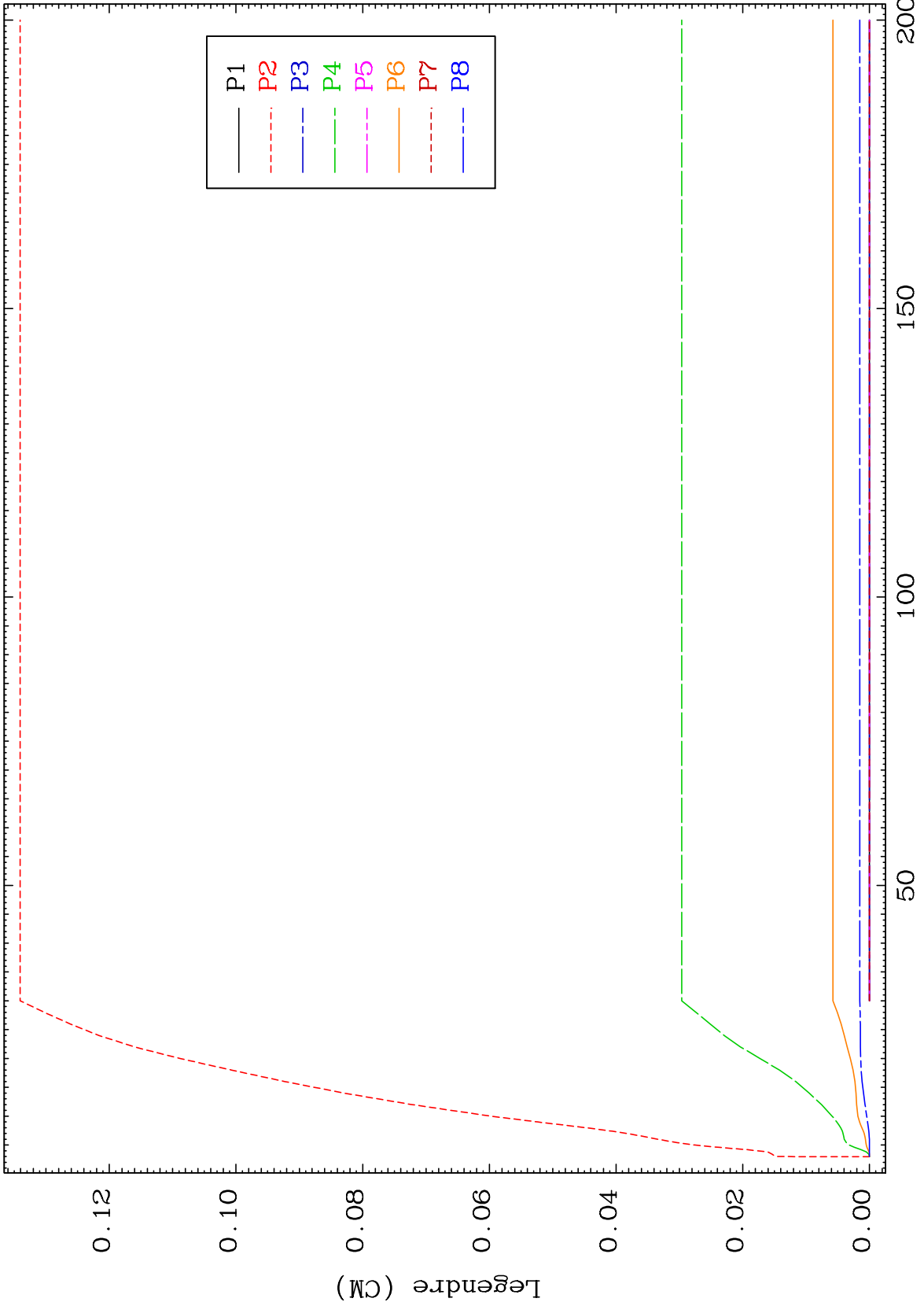
Incident Energy (MeV)

94

MAT 3934

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

39-Y -92



95

Incident Energy (MeV)

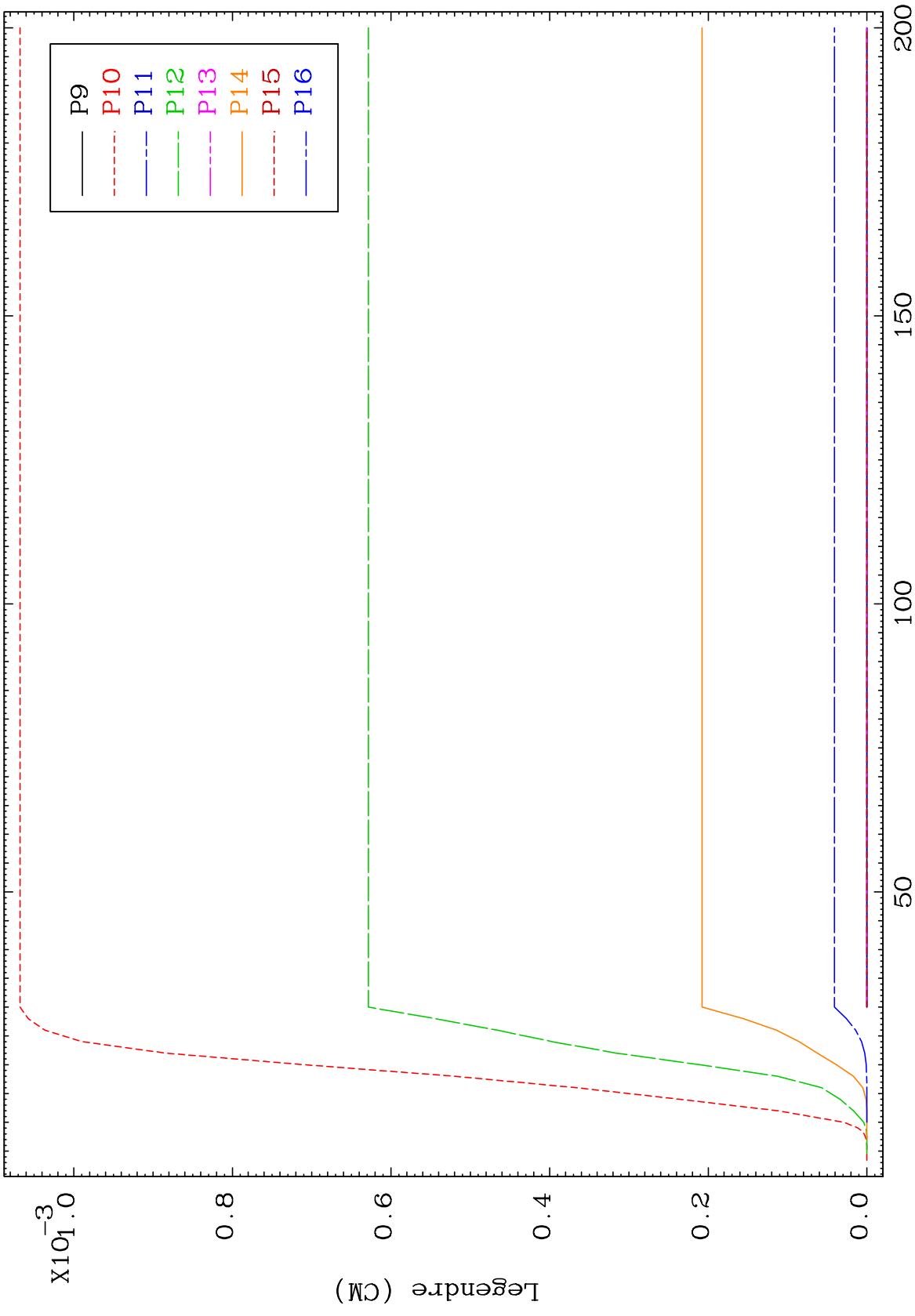
39-Y -92



MAT 3934

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

39-Y -92



96

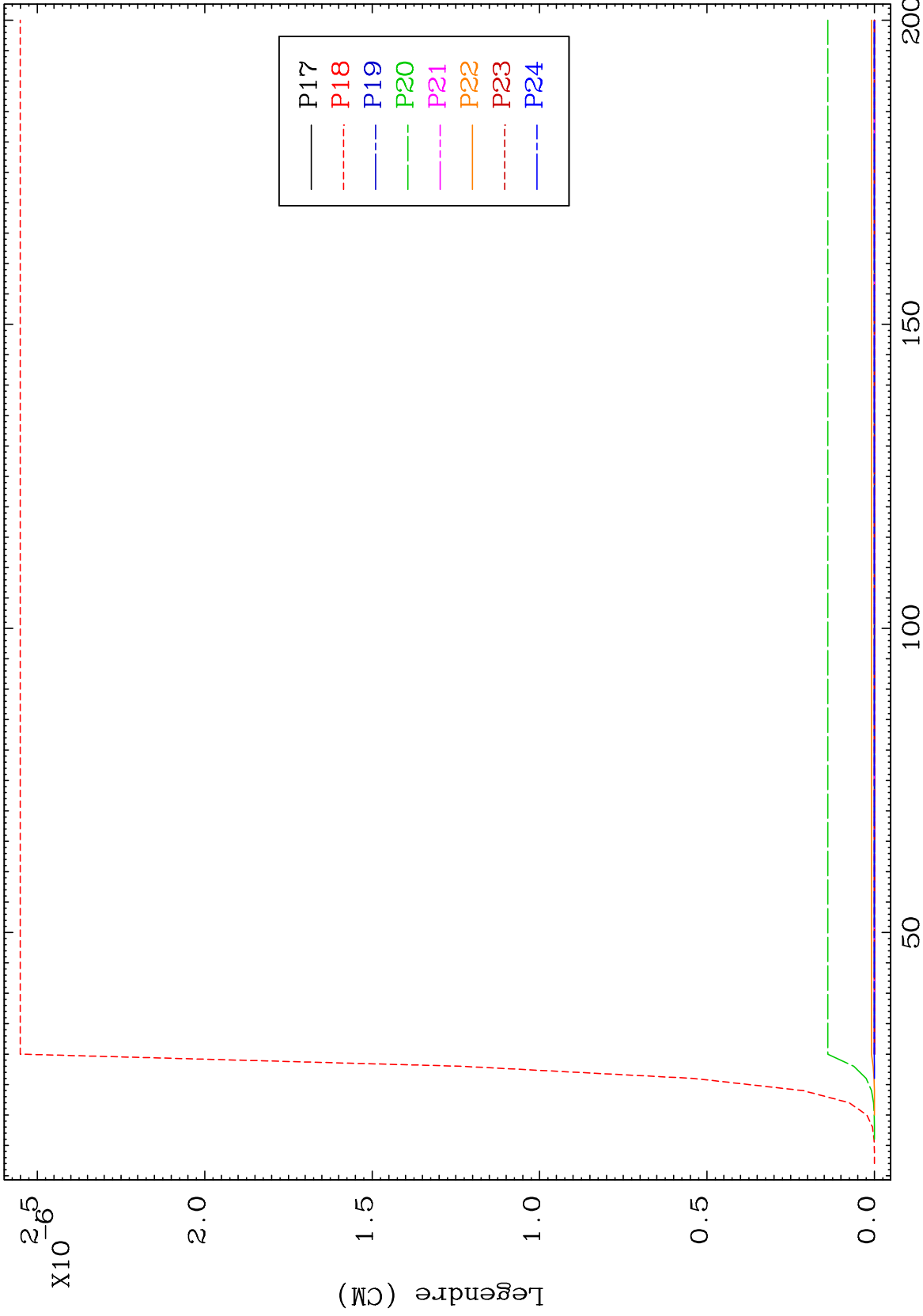
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



97

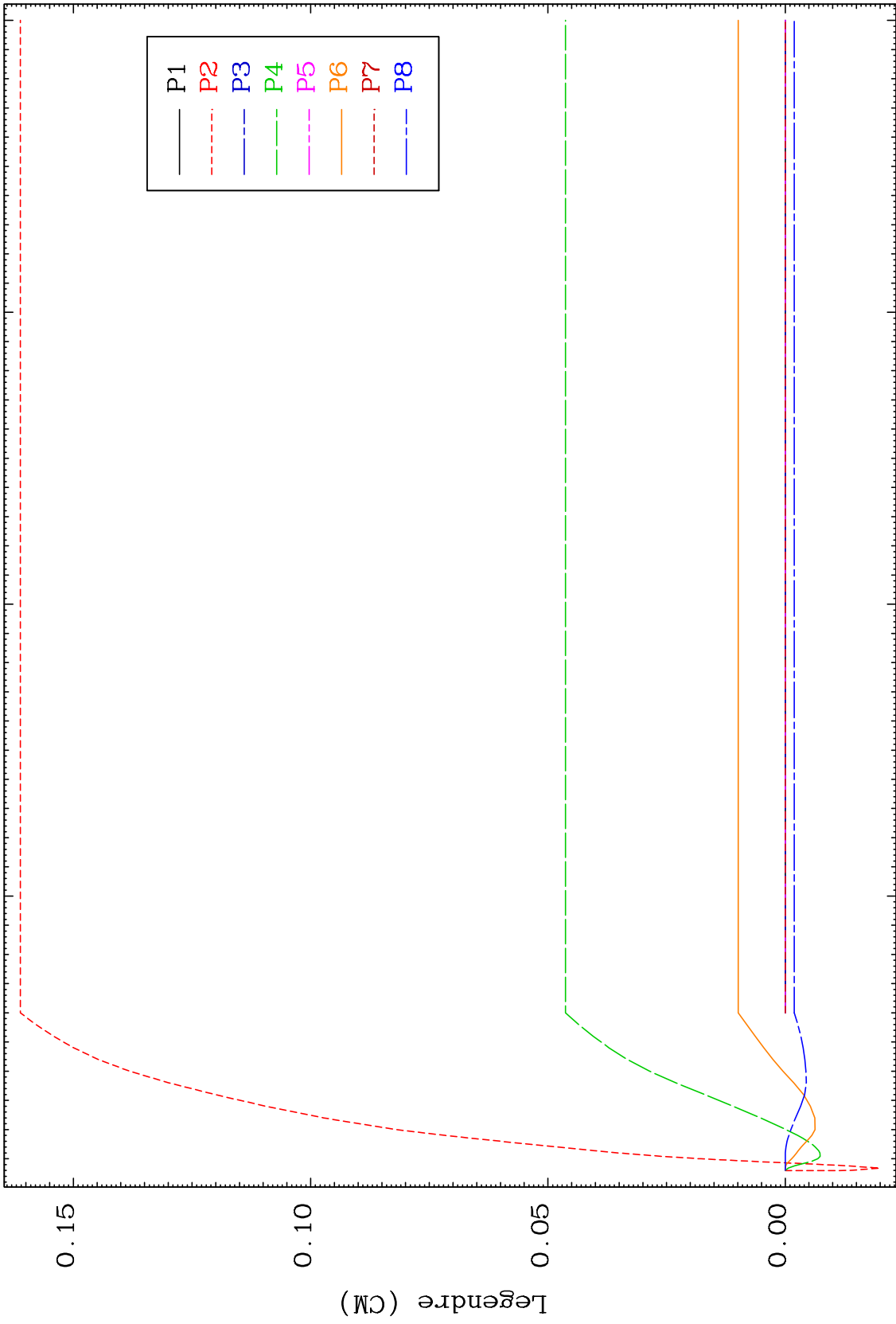
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



98

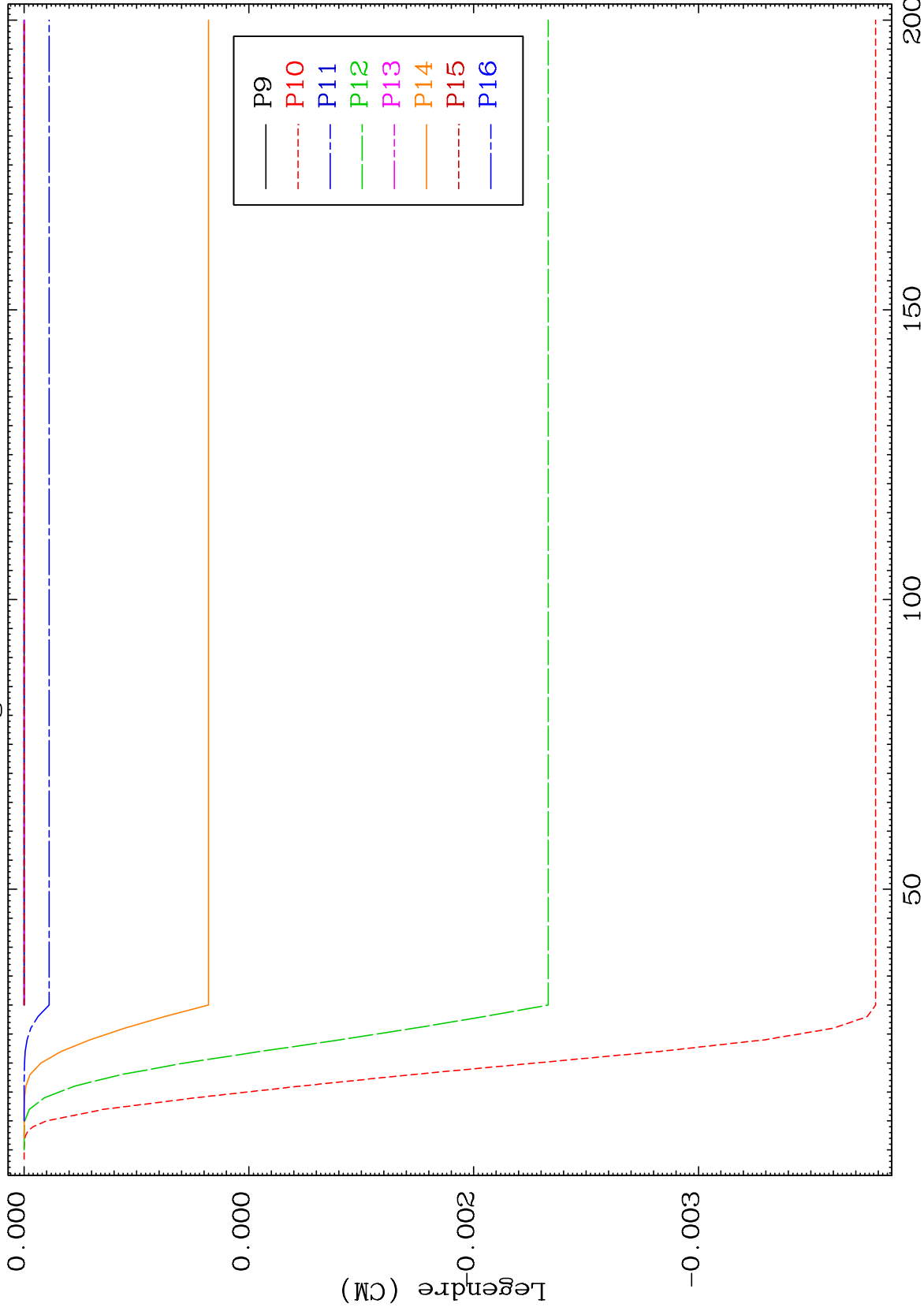
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

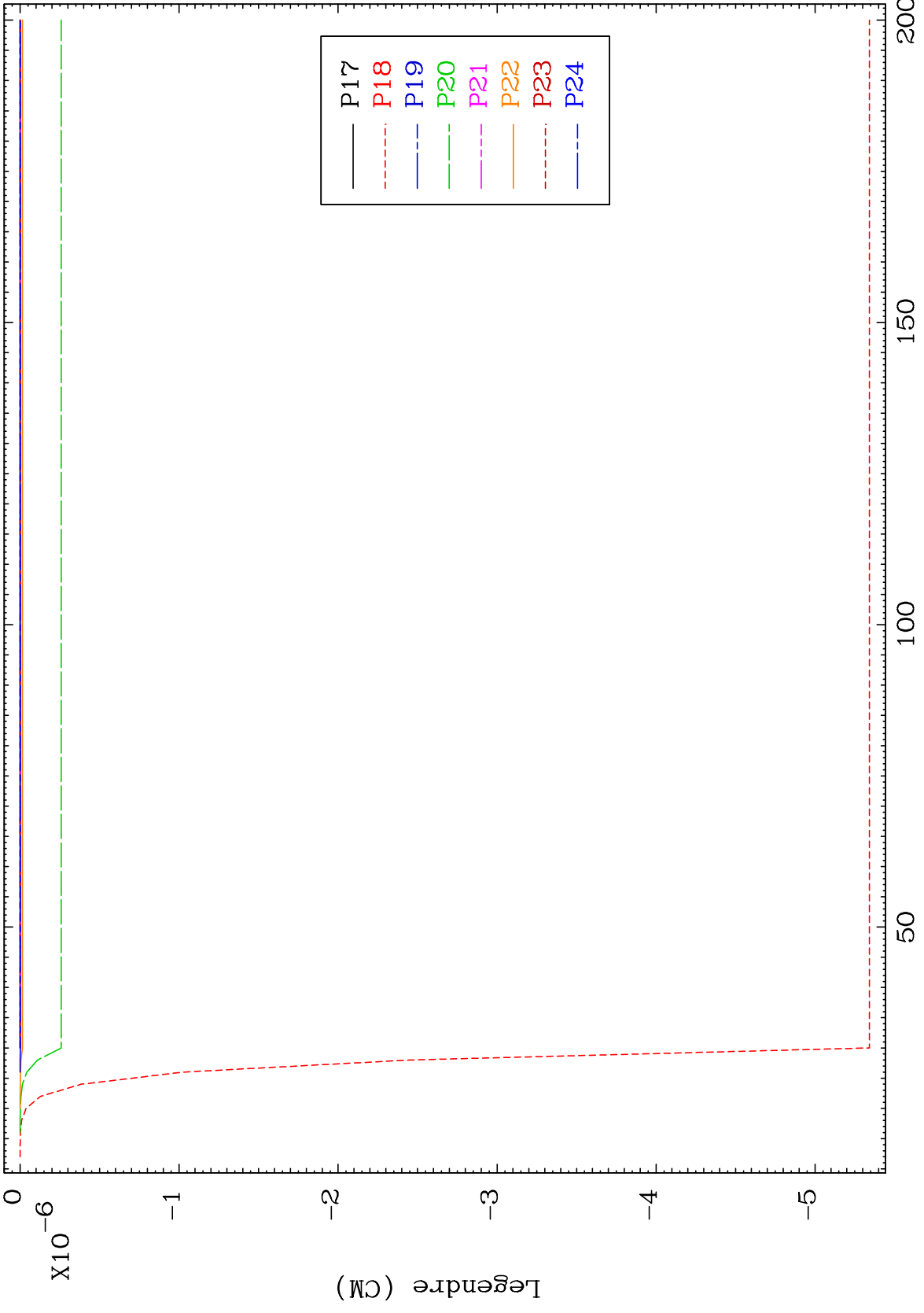


99

Incident Energy (MeV)

39-Y -92

MAT 3934 MT= 75 (n,n') Level Legendre Coefficients 39-Y -92

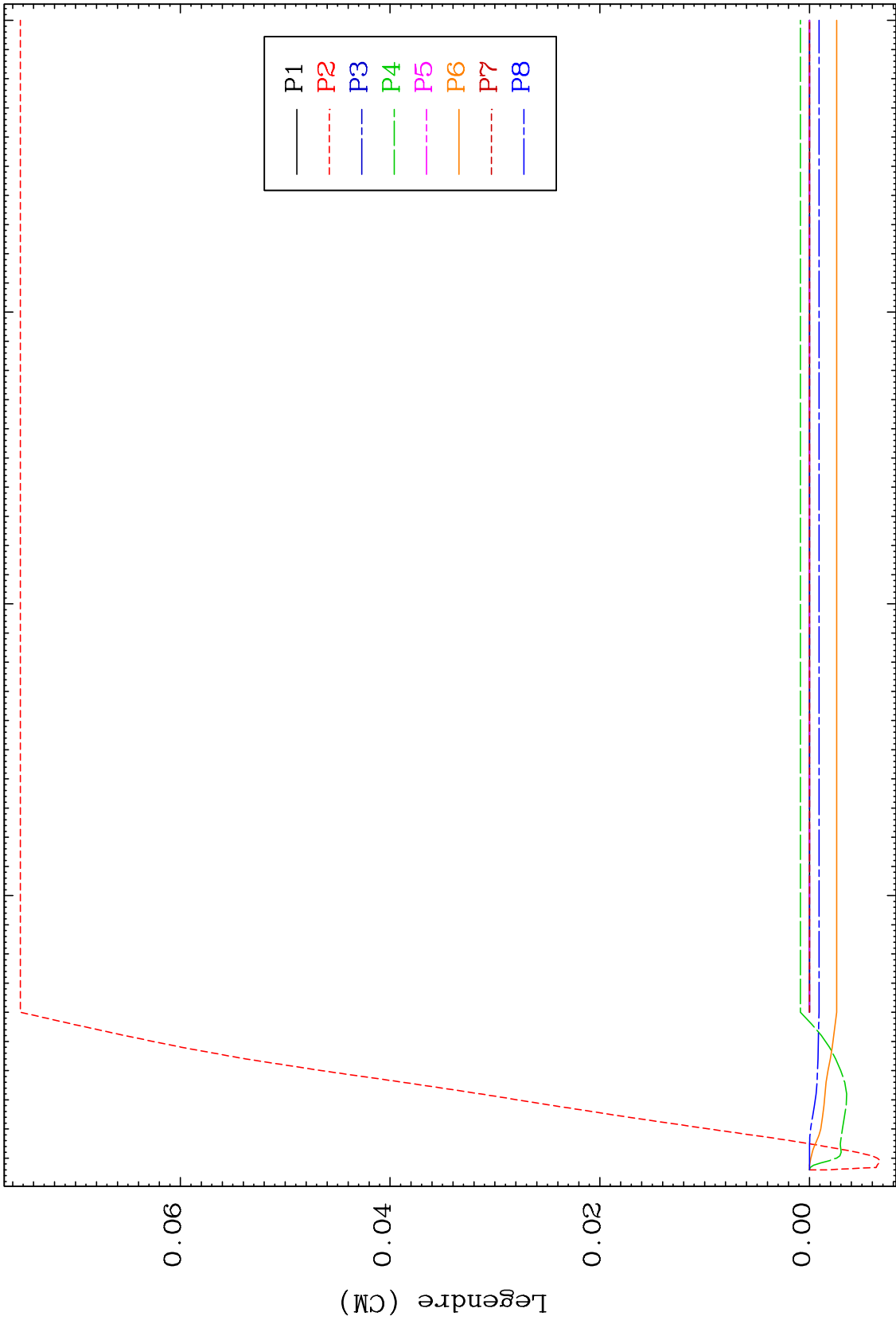


100 50 100 150 200 39-Y -92

MAT 3934

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

39-Y -92



101

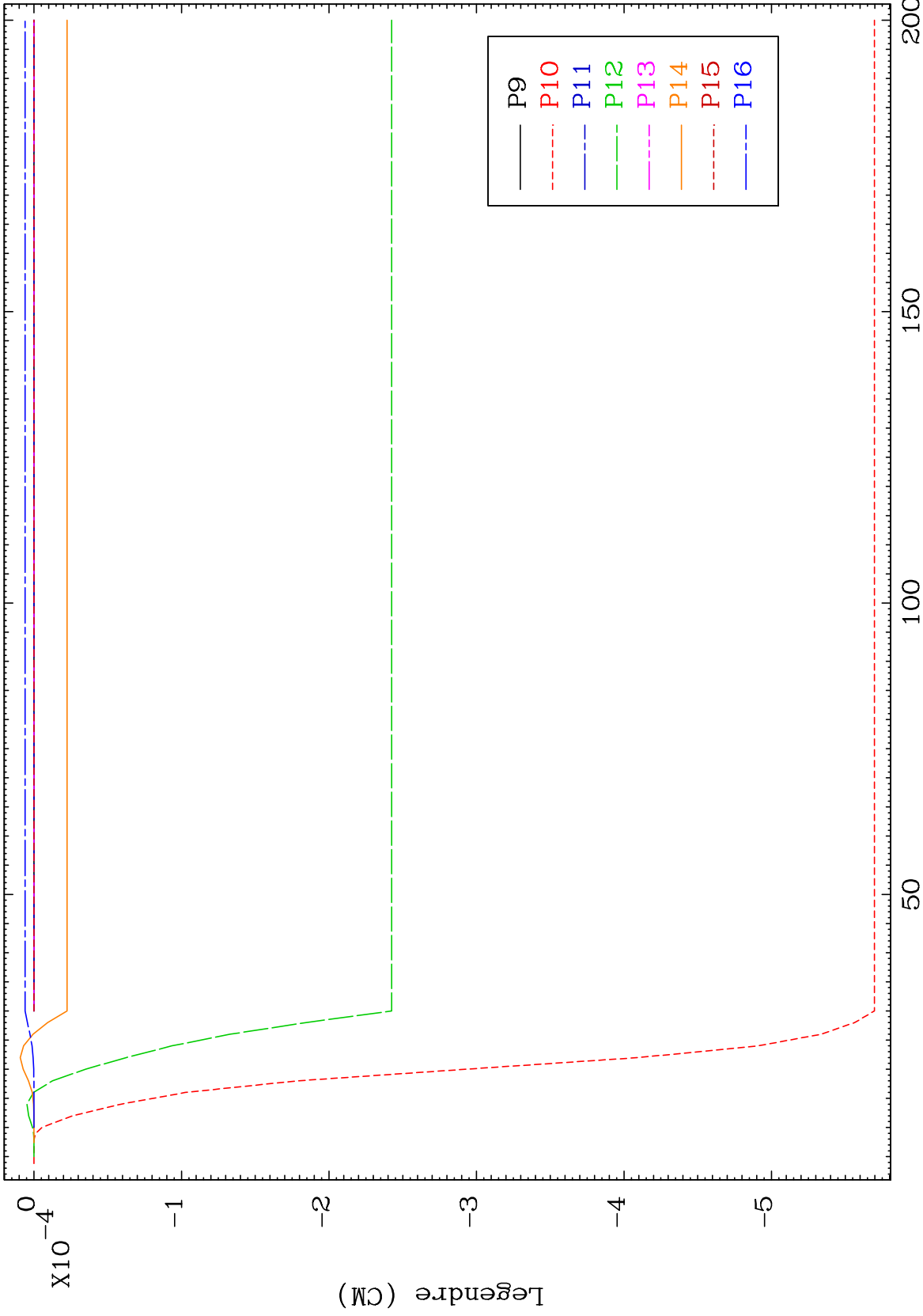
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

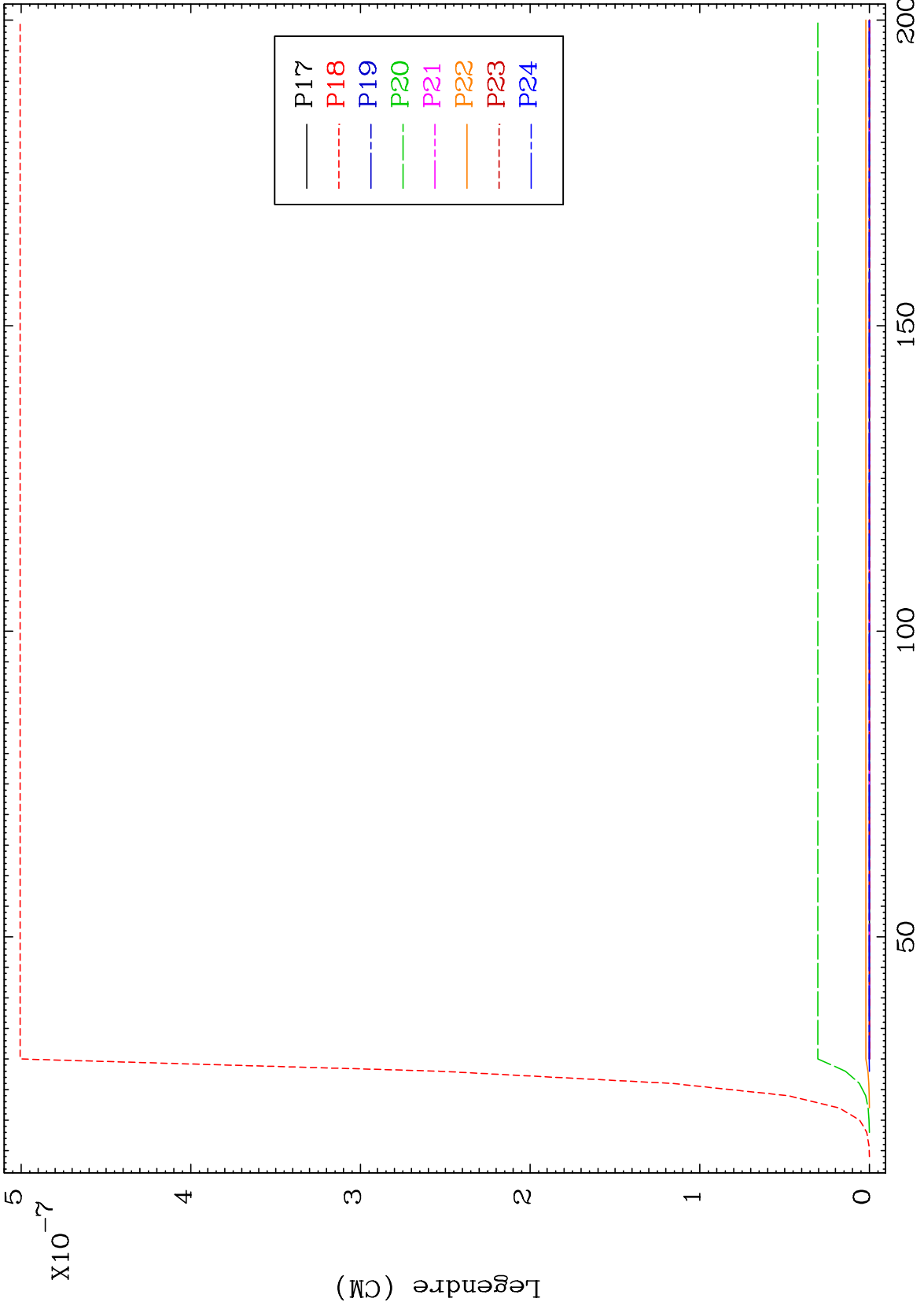


102

Incident Energy (MeV)

39-Y -92

MAT 3934 MT= 76 (n,n') Level Legendre Coefficients 39-Y -92



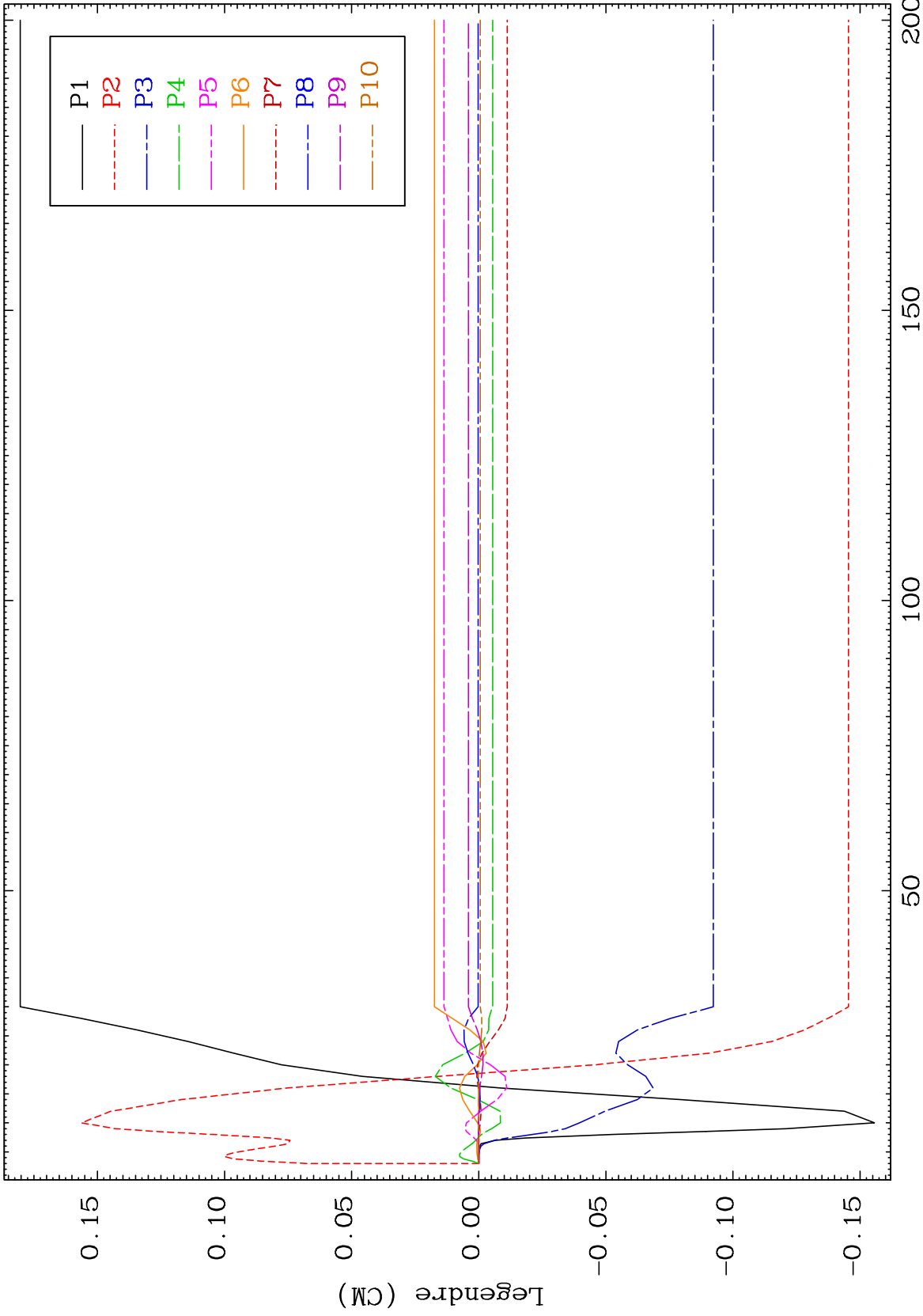
103 Incident Energy (MeV) 39-Y -92



MAT 3934

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

39-Y -92



104

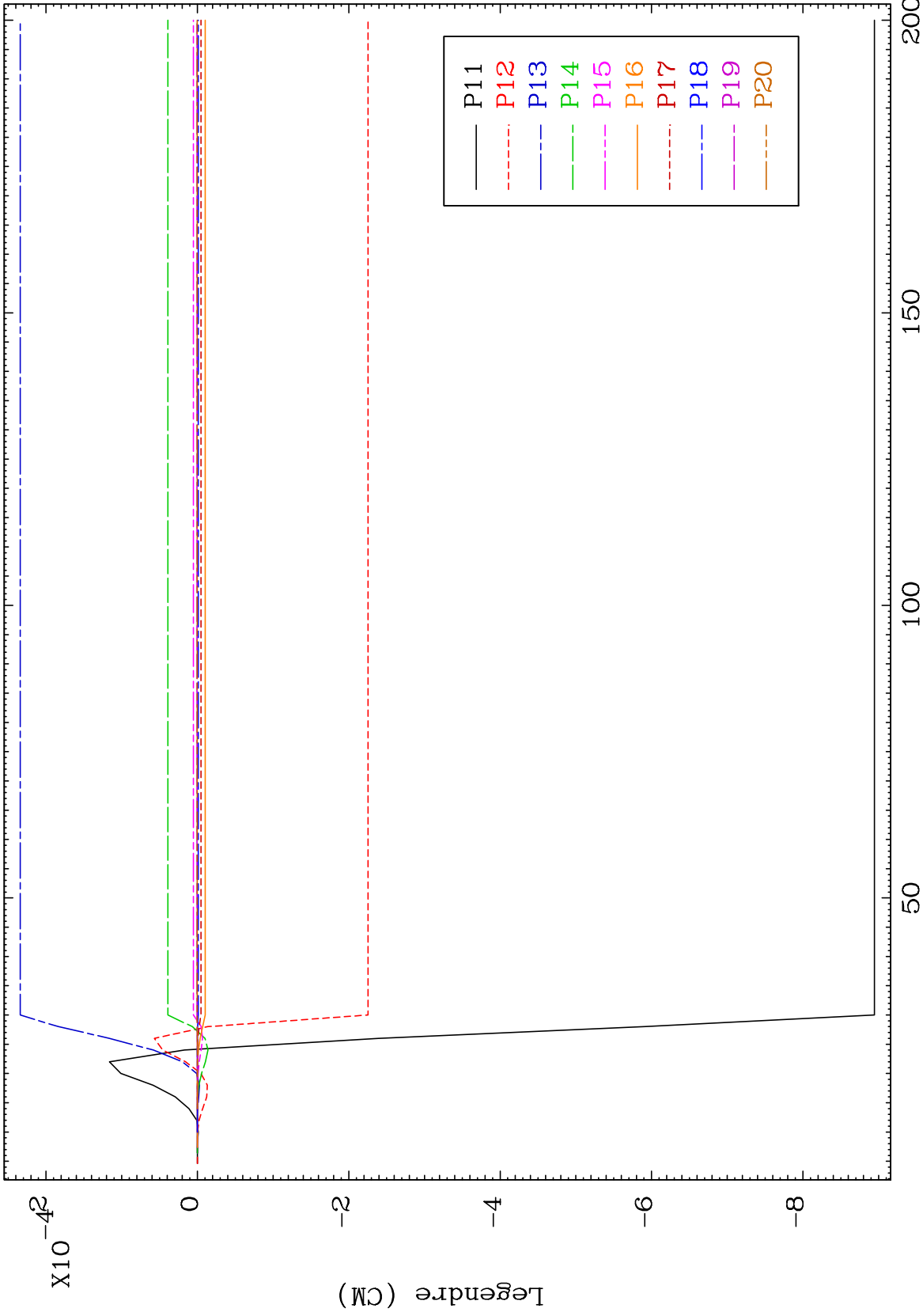
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



105

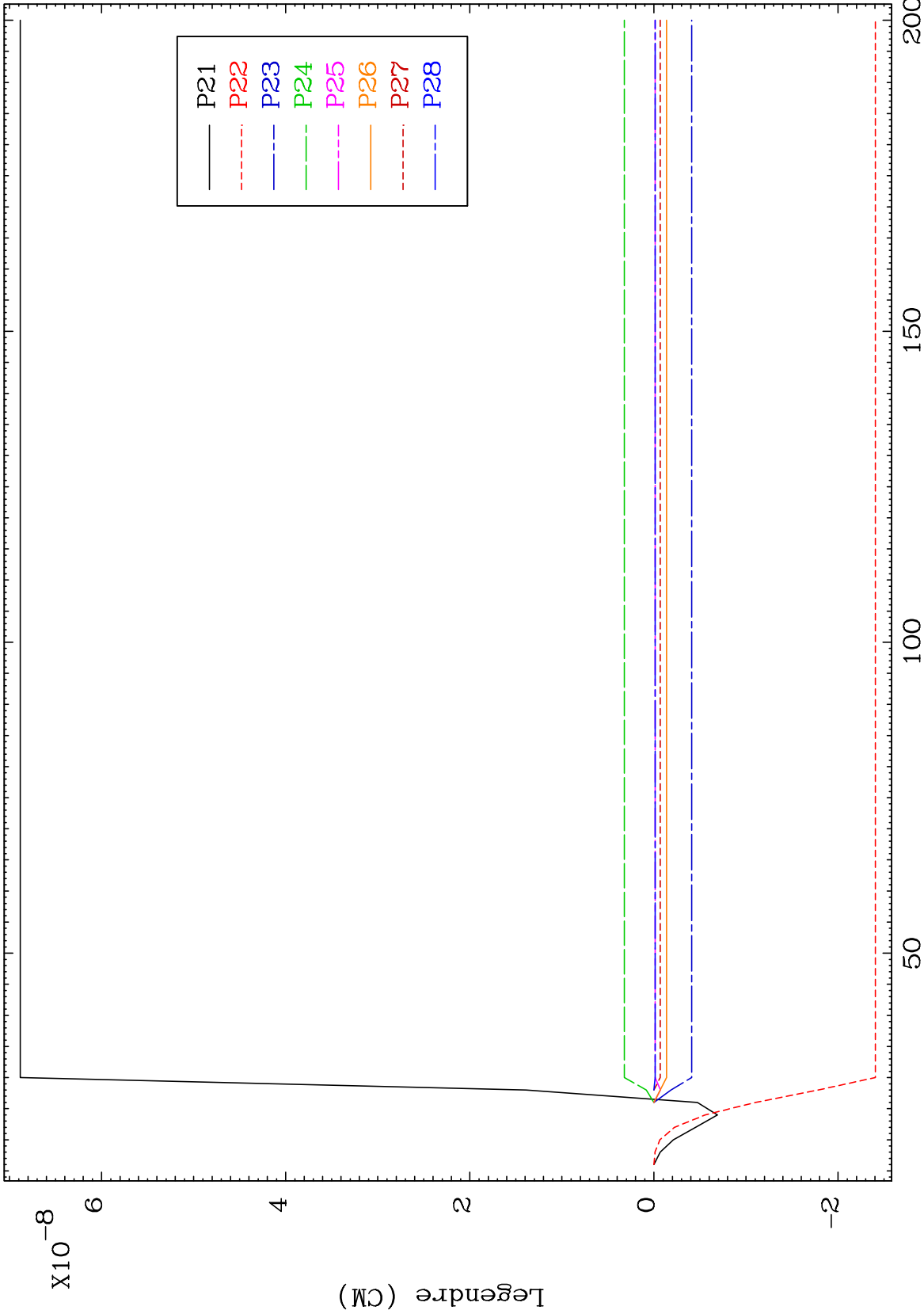
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



106

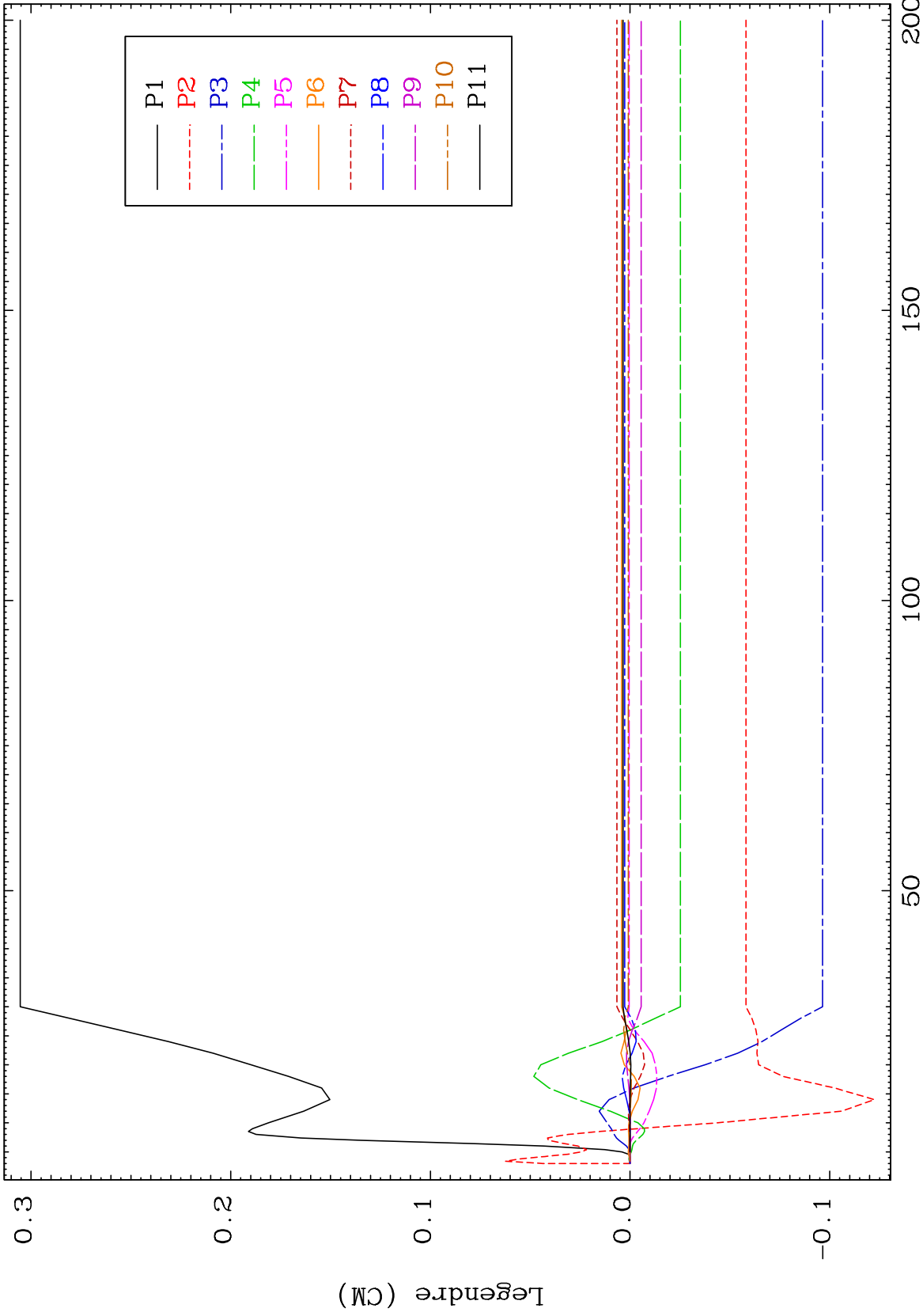
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

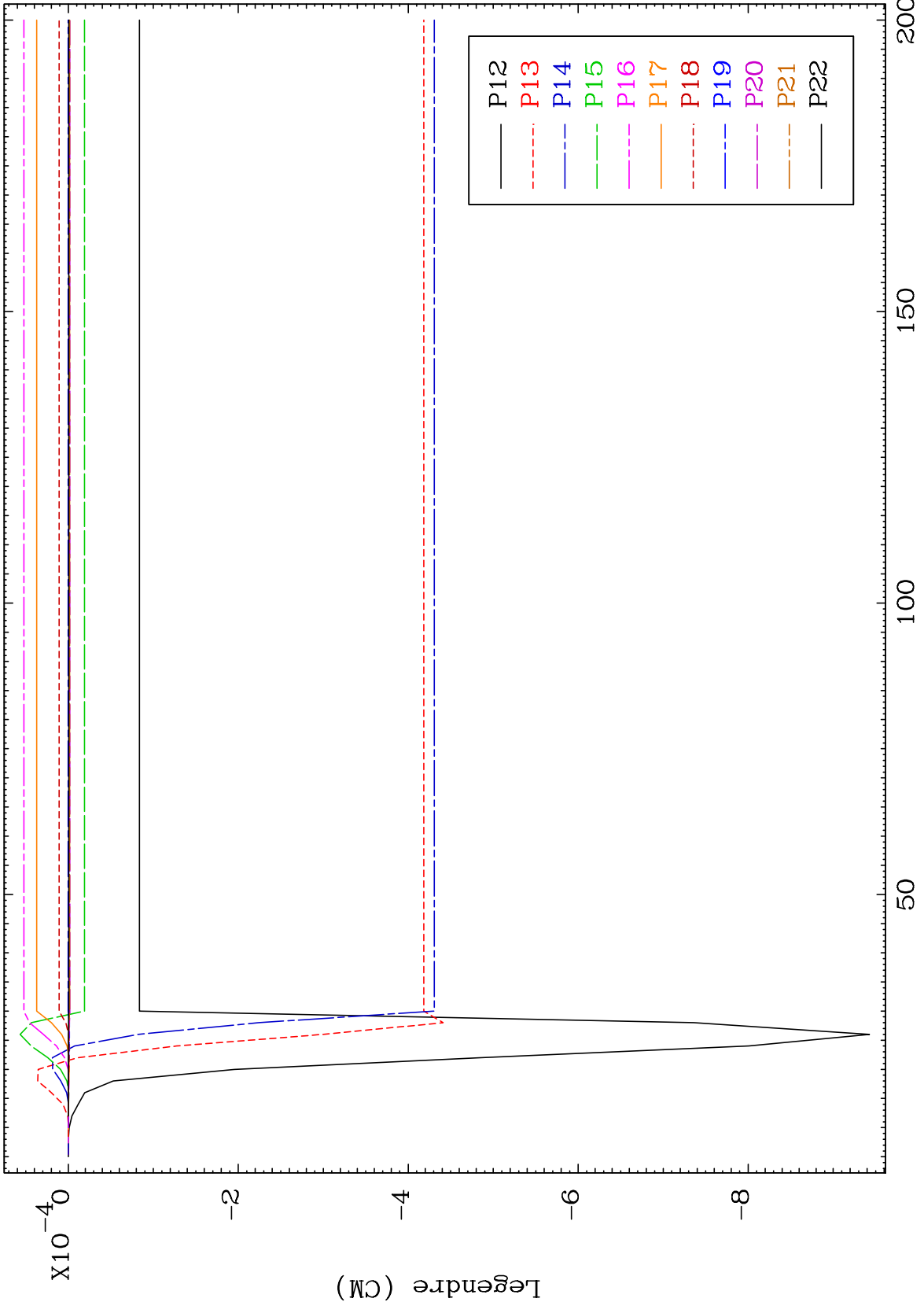


107

Incident Energy (MeV)

39-Y -92

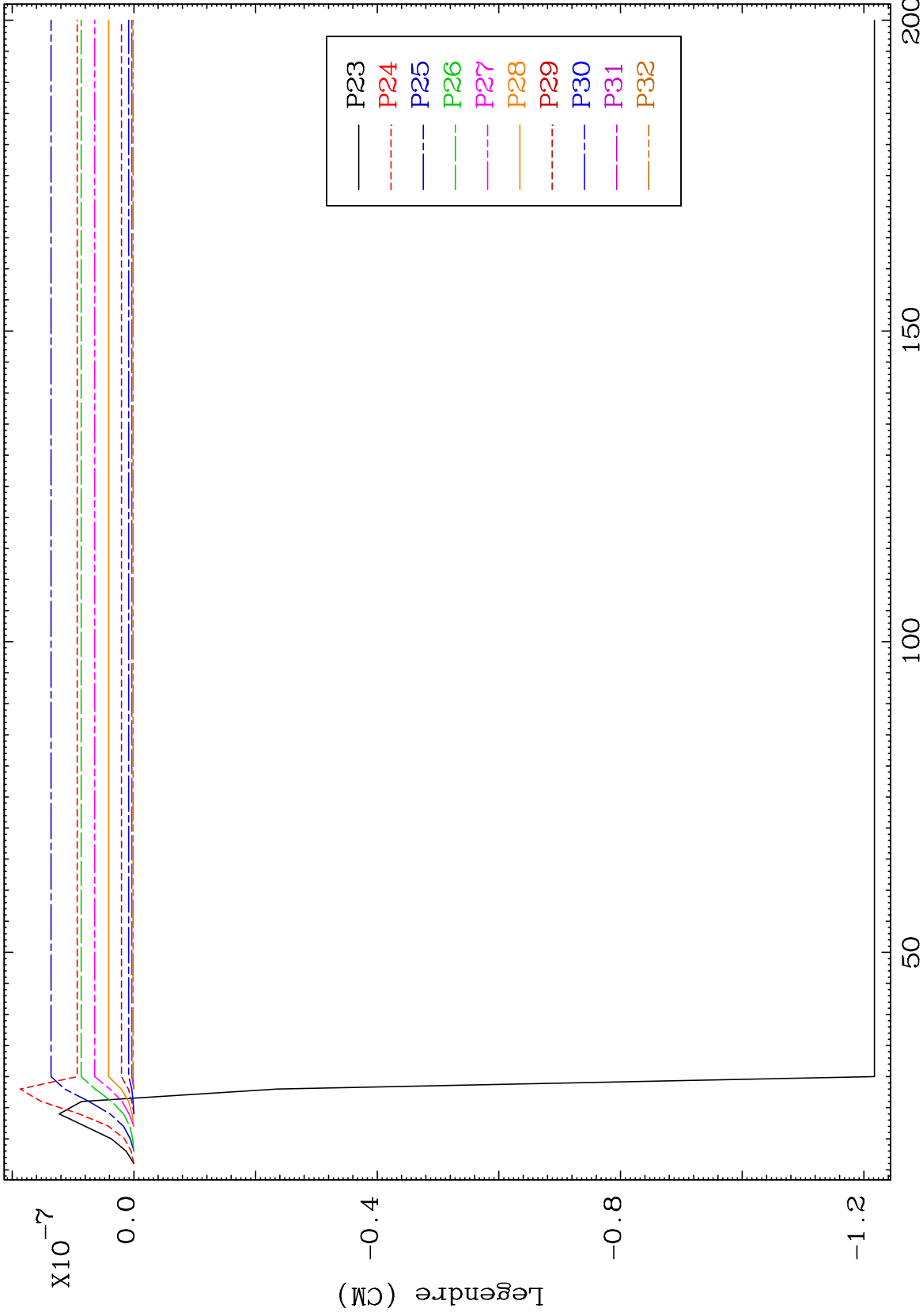
MAT 3934 MT= 78 (n,n') Level Legendre Coefficients 39-Y -92



MAT 3934

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

39-Y -92



109

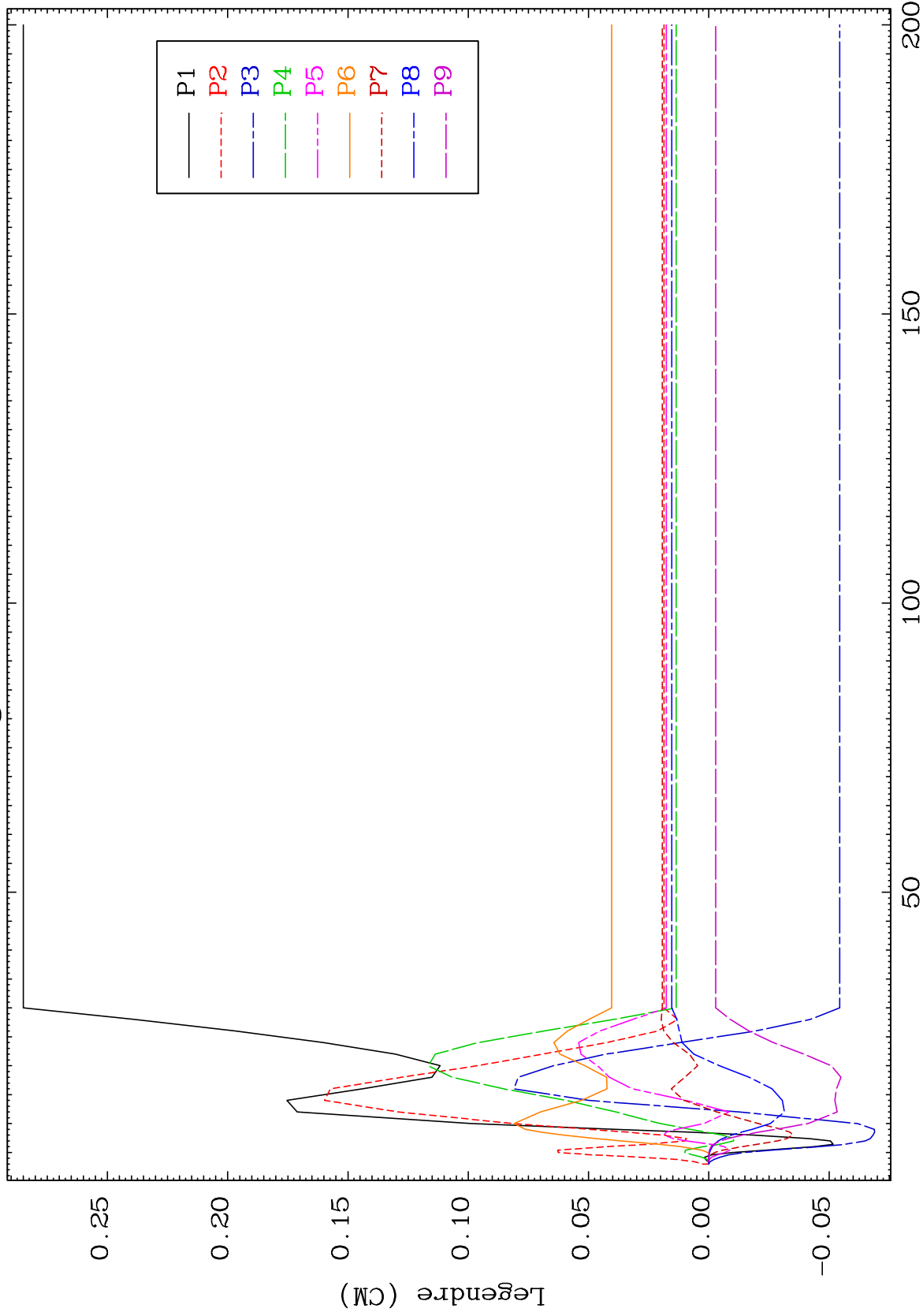
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



110

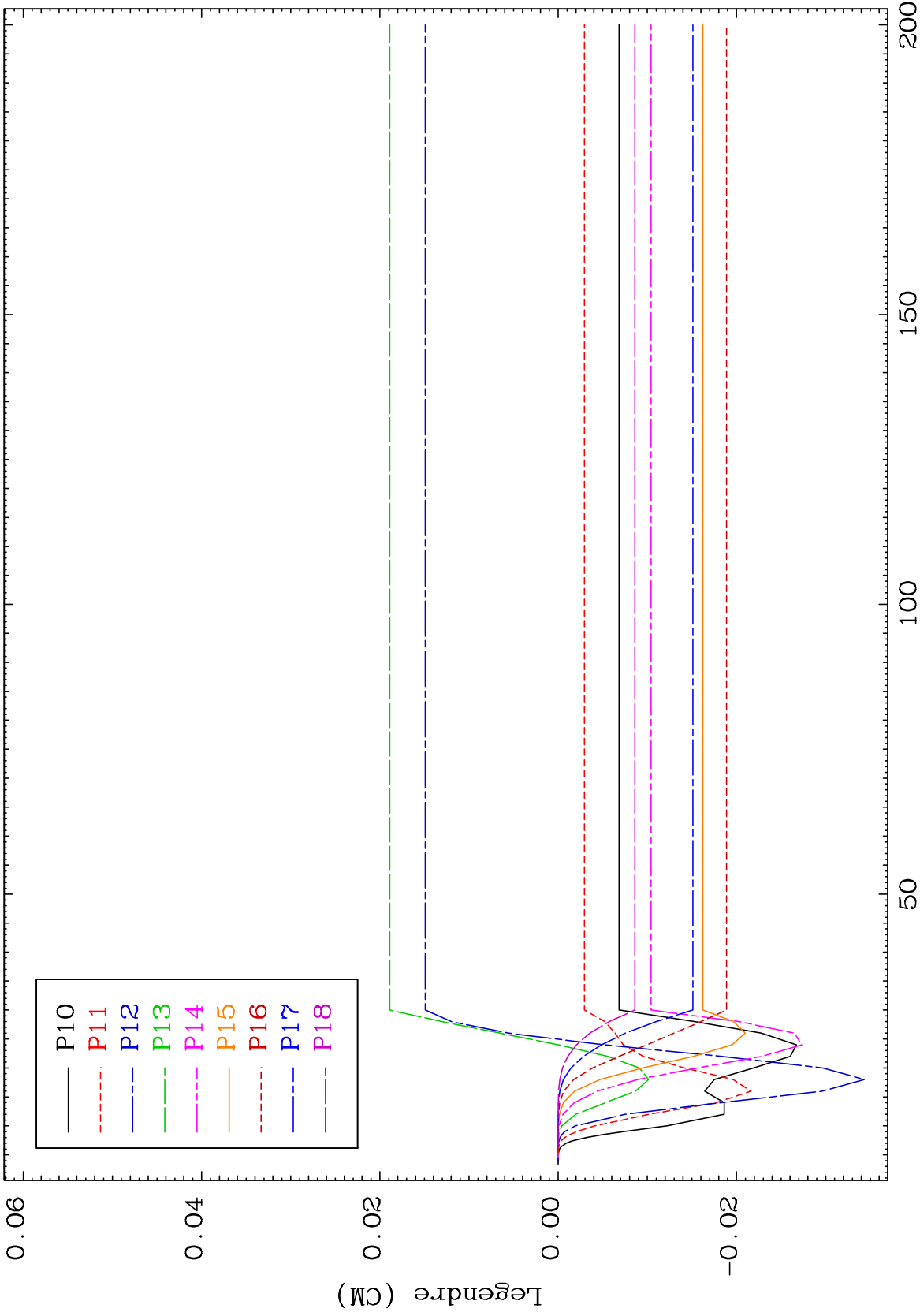
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



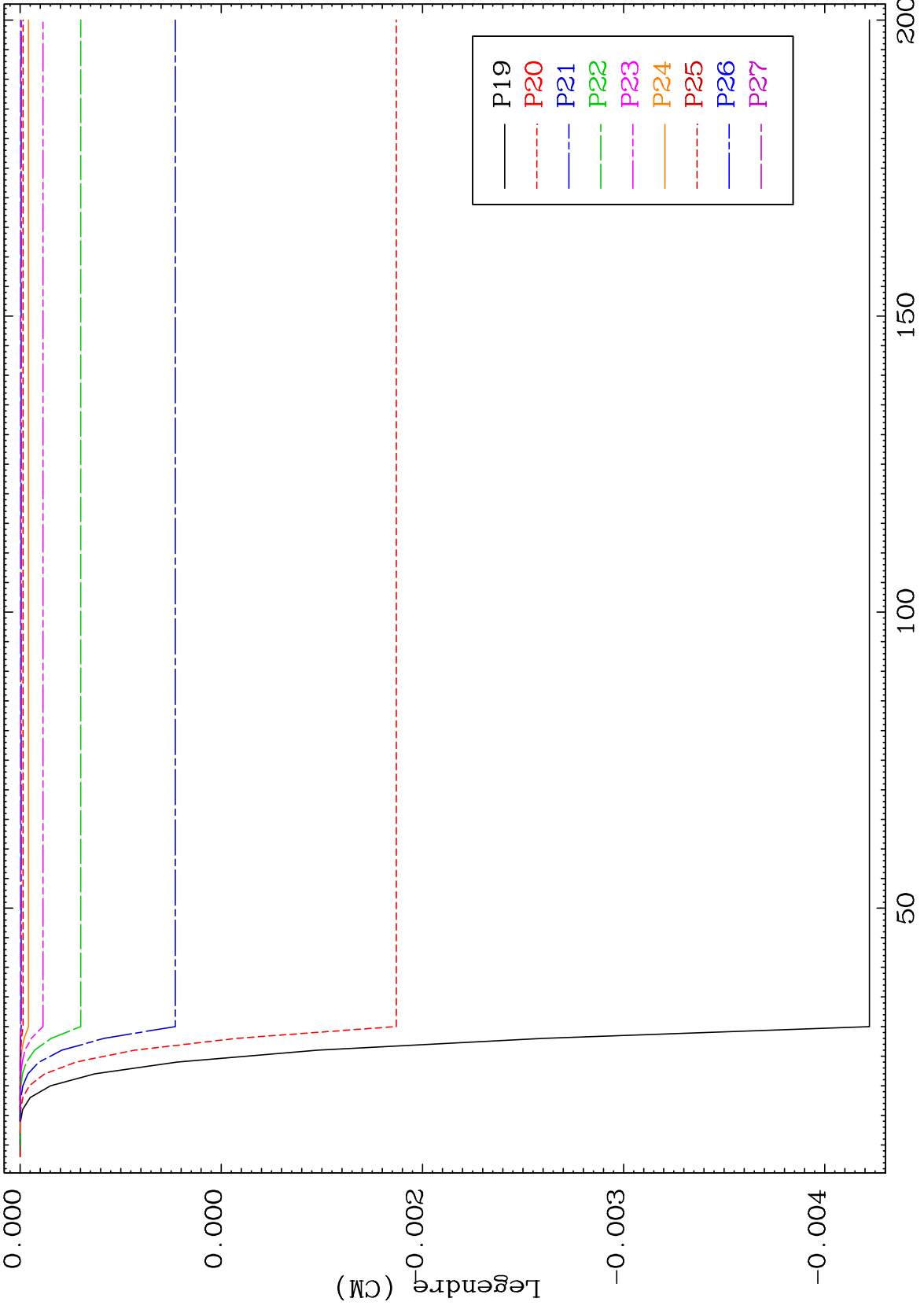
111

Incident Energy (MeV)

39-Y -92



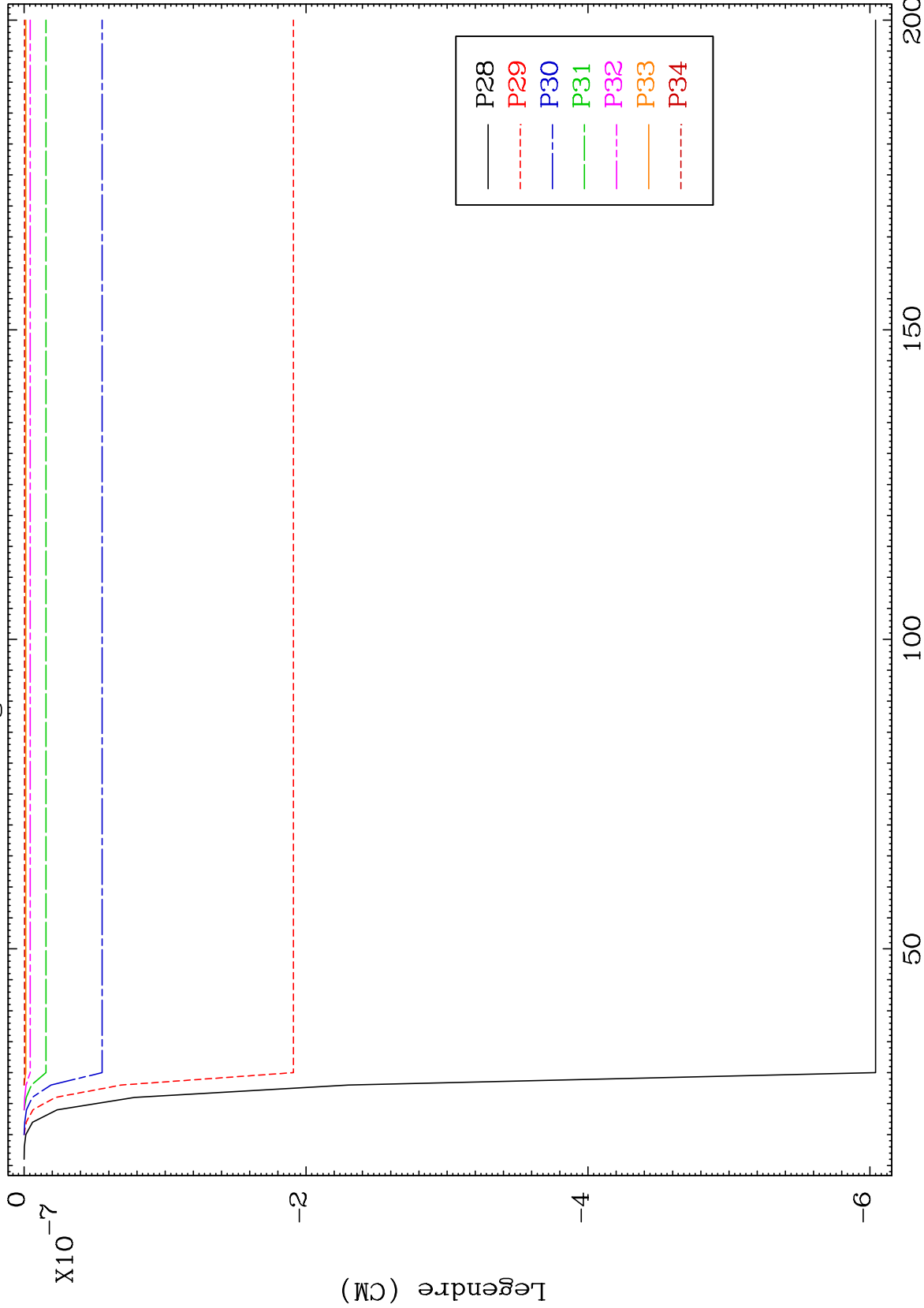
MAT 3934 MT= 79 (n,n') Level Legendre Coefficients 39-Y -92



MAT 3934

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

39-Y -92



113

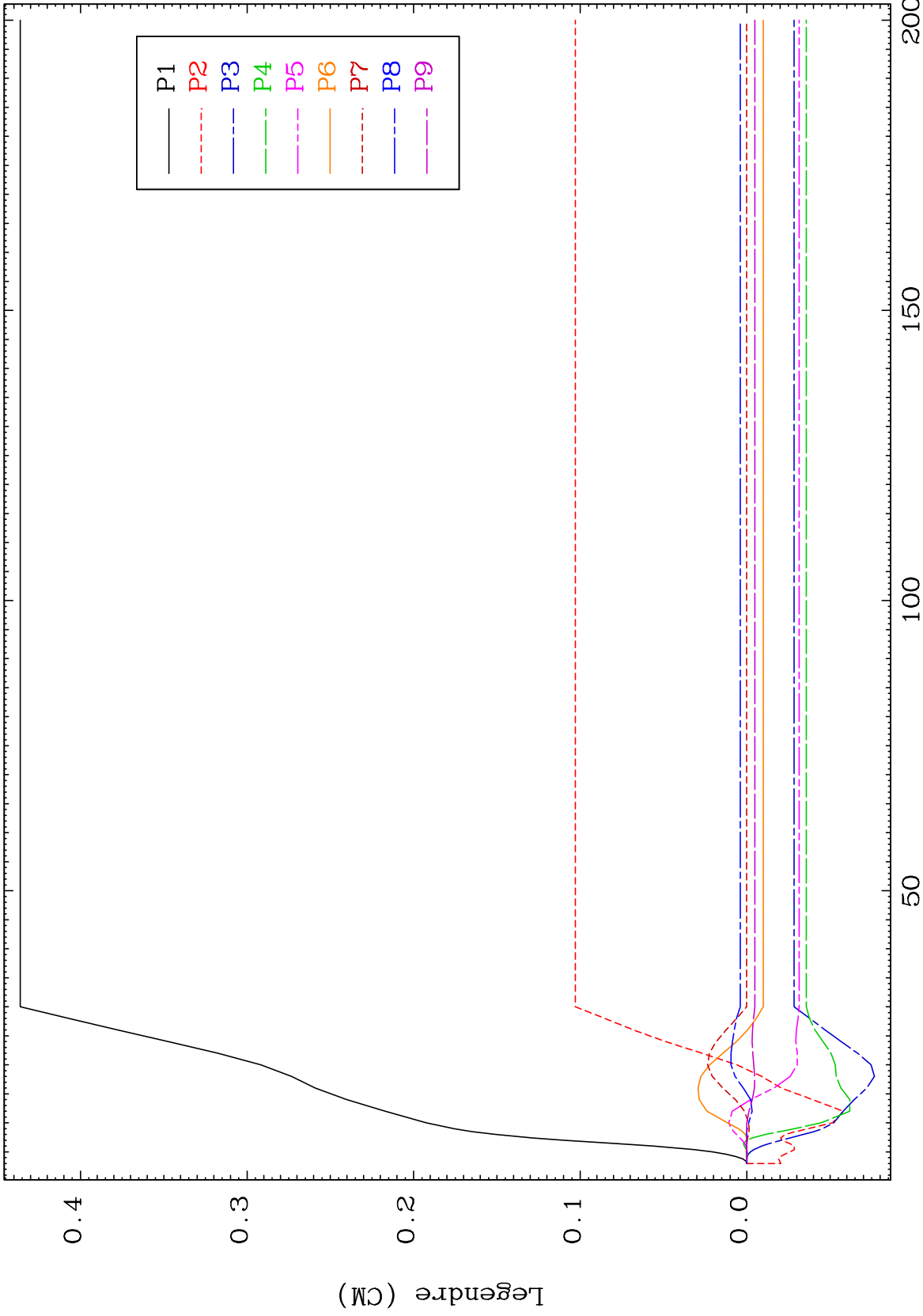
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



114

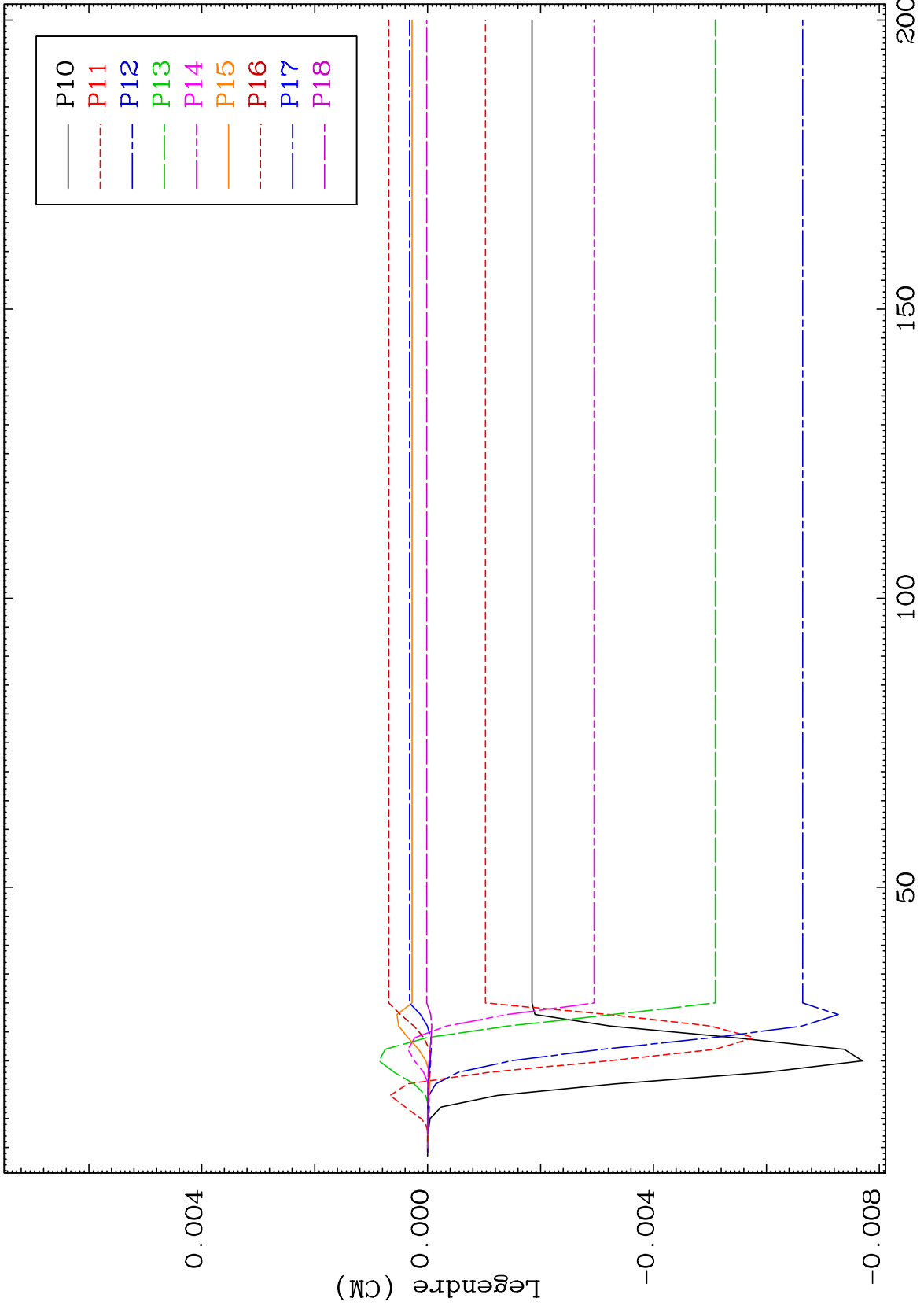
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92



115

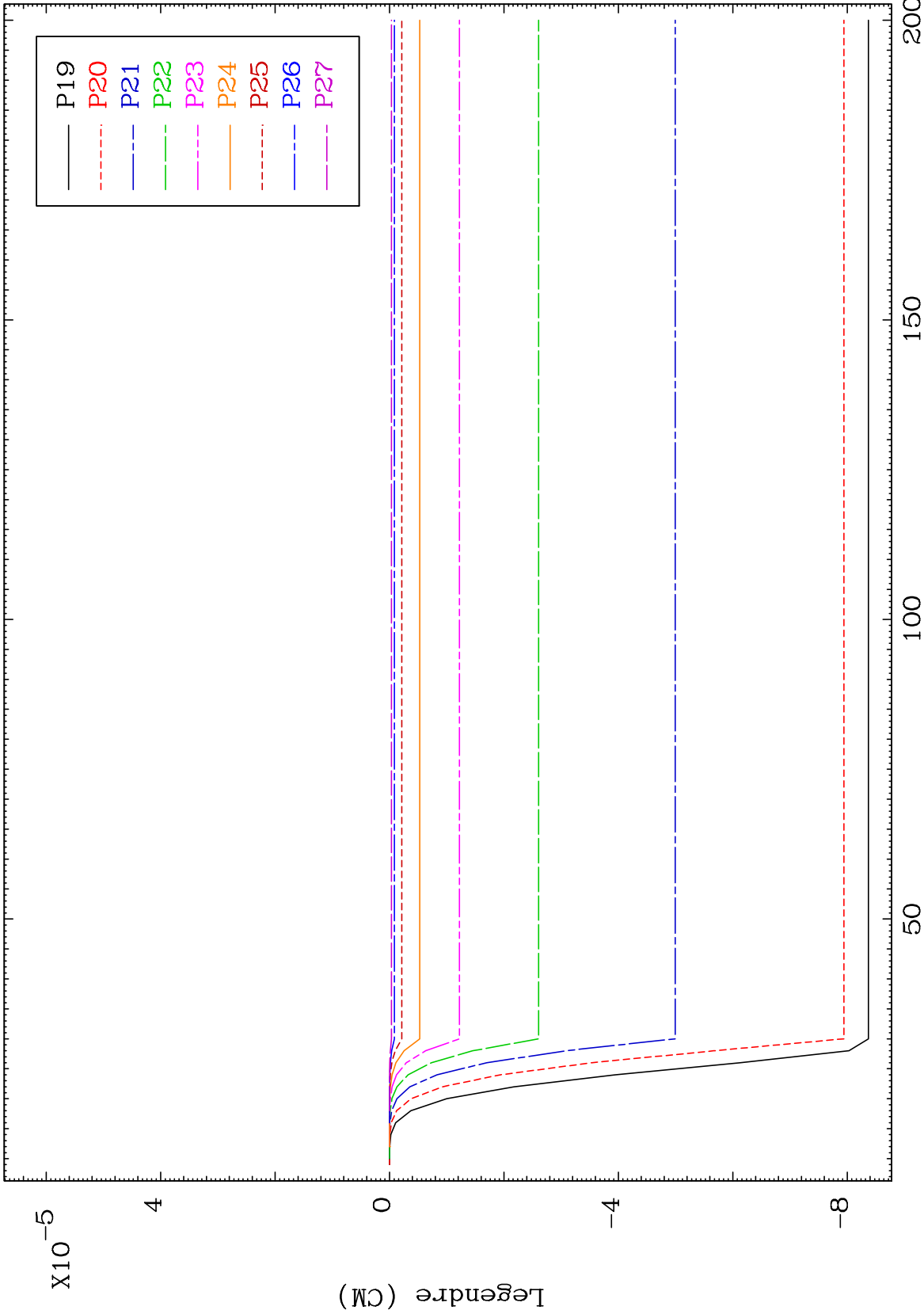
Incident Energy (MeV)

39-Y -92

MAT 3934

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

39-Y -92

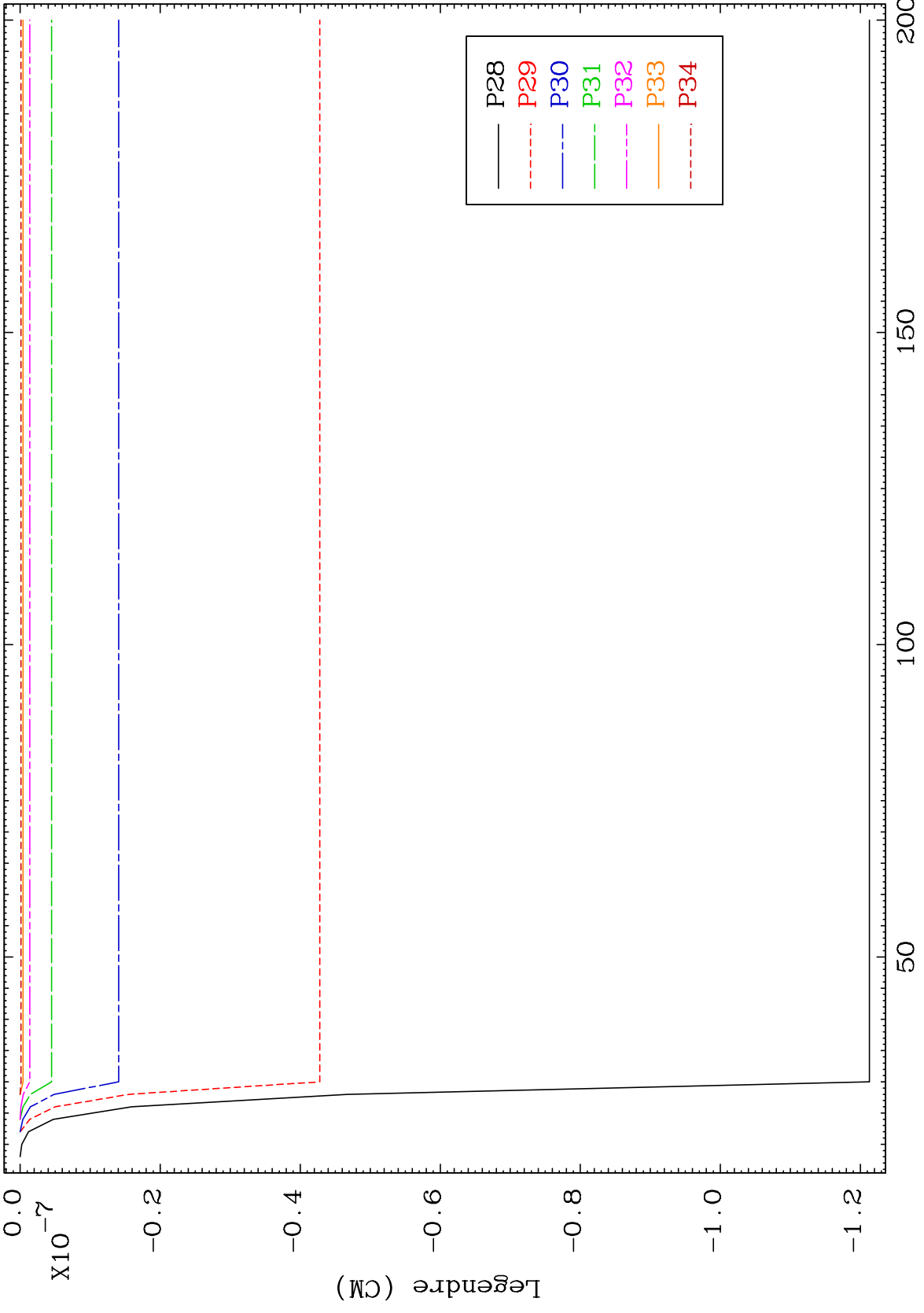


116

Incident Energy (MeV)

39-Y -92

MAT 3934 MT= 80 (n,n') Level Legendre Coefficients 39-Y -92

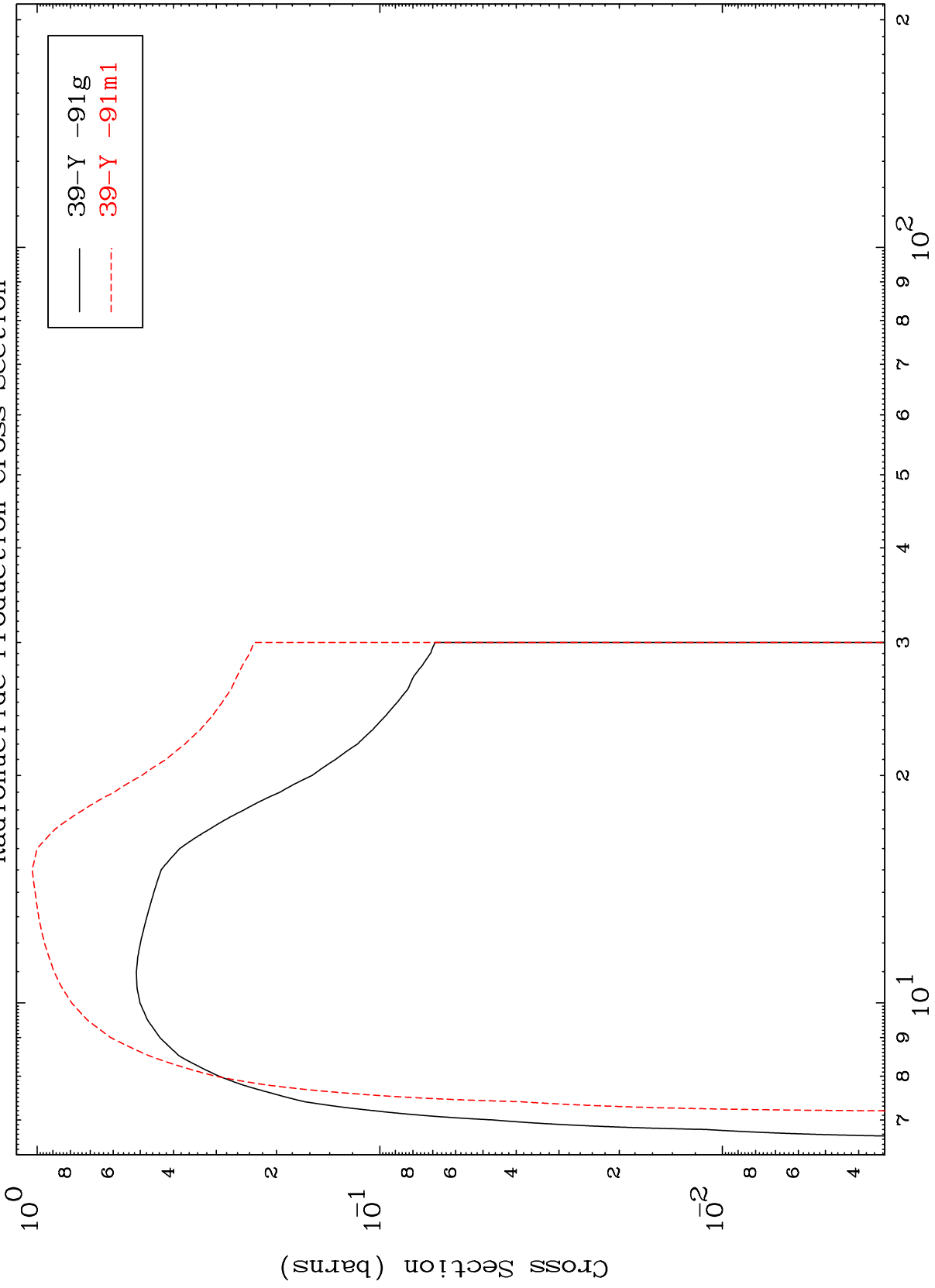


117 39-Y -92

MAT 3934

39-Y -92

Radionuclide Production Cross Section



118

Incident Energy (MeV)

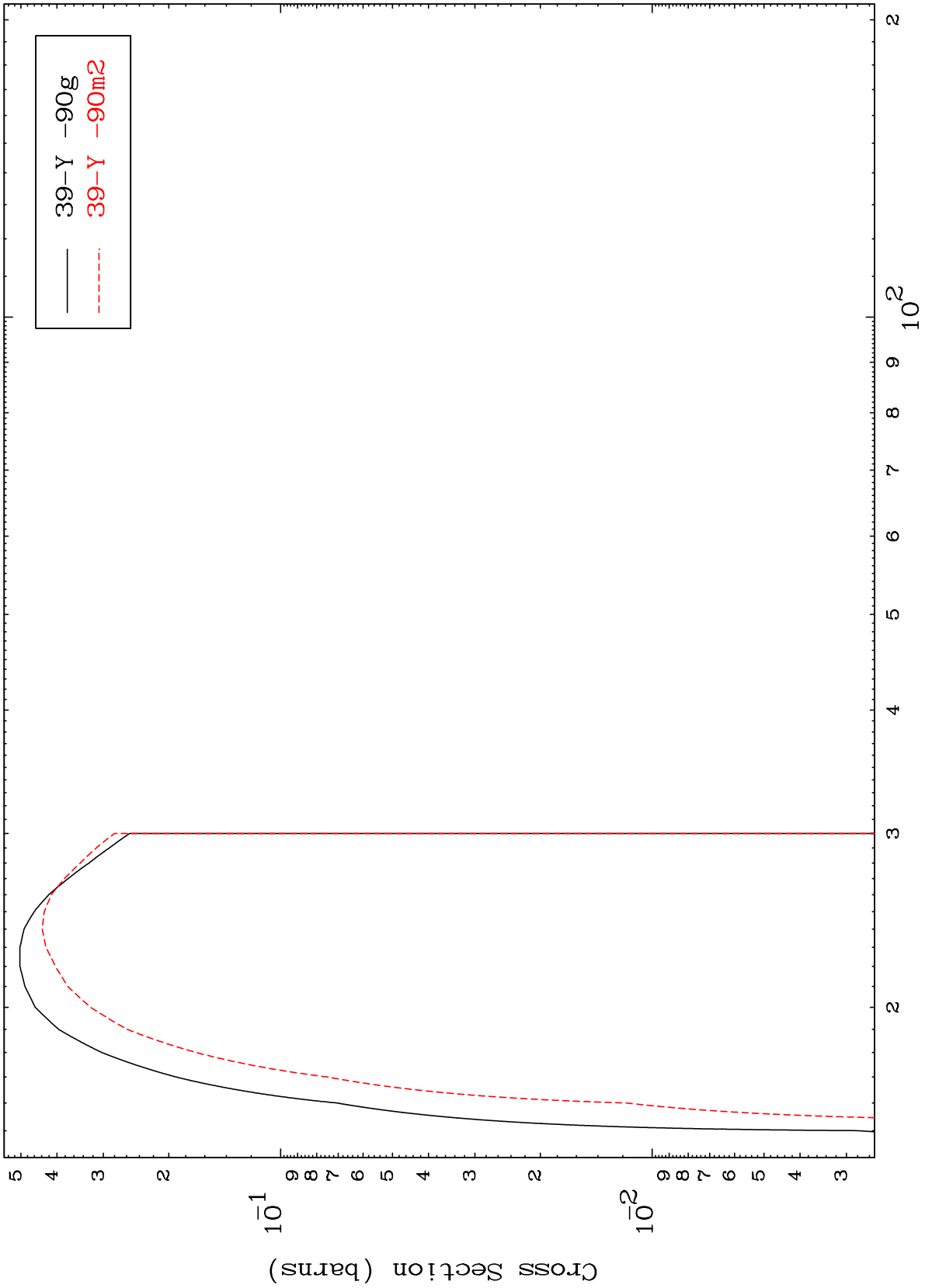
39-Y -92

MAT 3934

(n,3n)

39-Y -92

Radionuclide Production Cross Section



39-Y -90g  
39-Y -90m2

119

Incident Energy (MeV)

39-Y -92

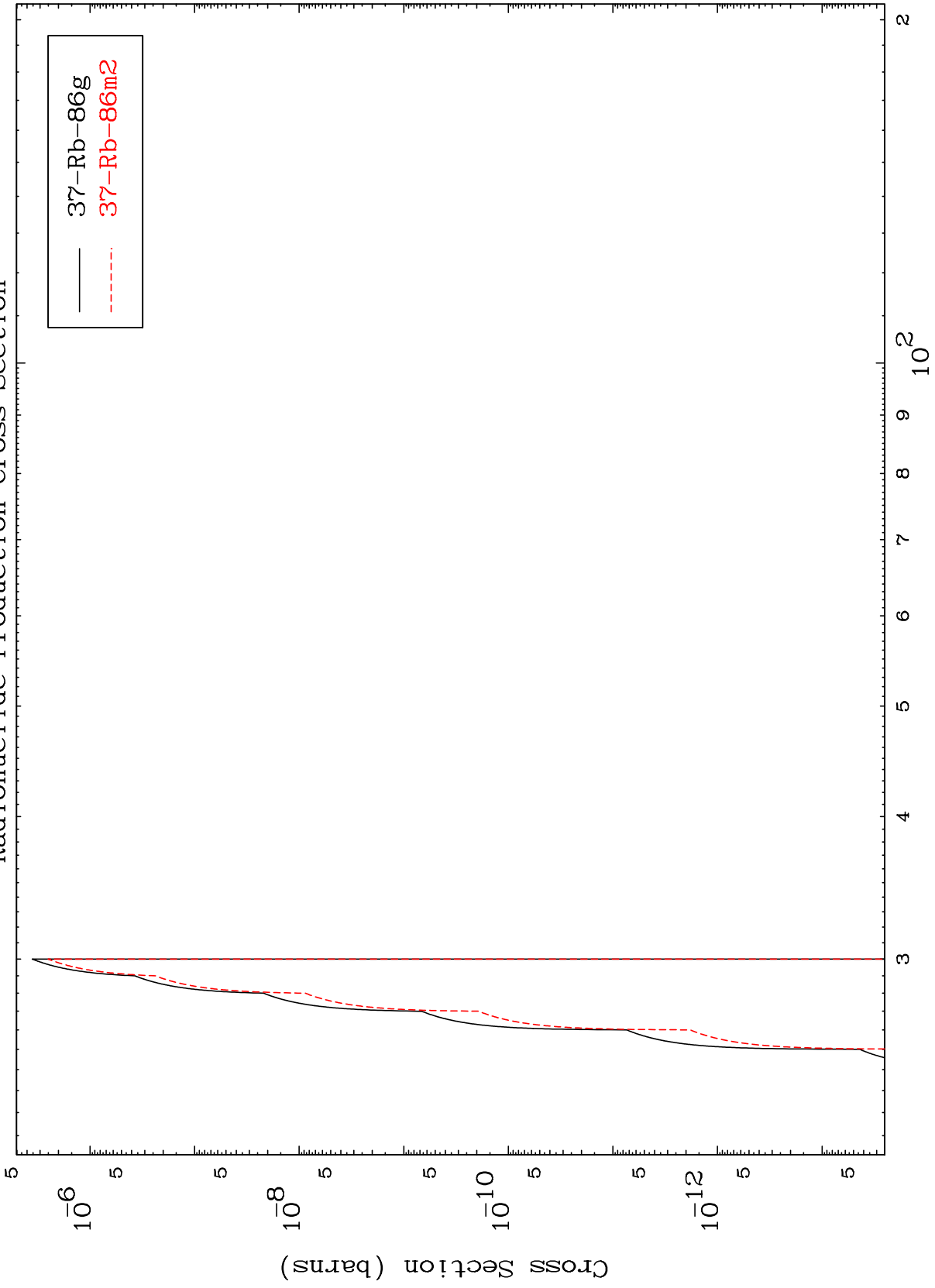


MAT 3934

(n,3n)  $\alpha$

39-Y -92

Radionuclide Production Cross Section



120

Incident Energy (MeV)

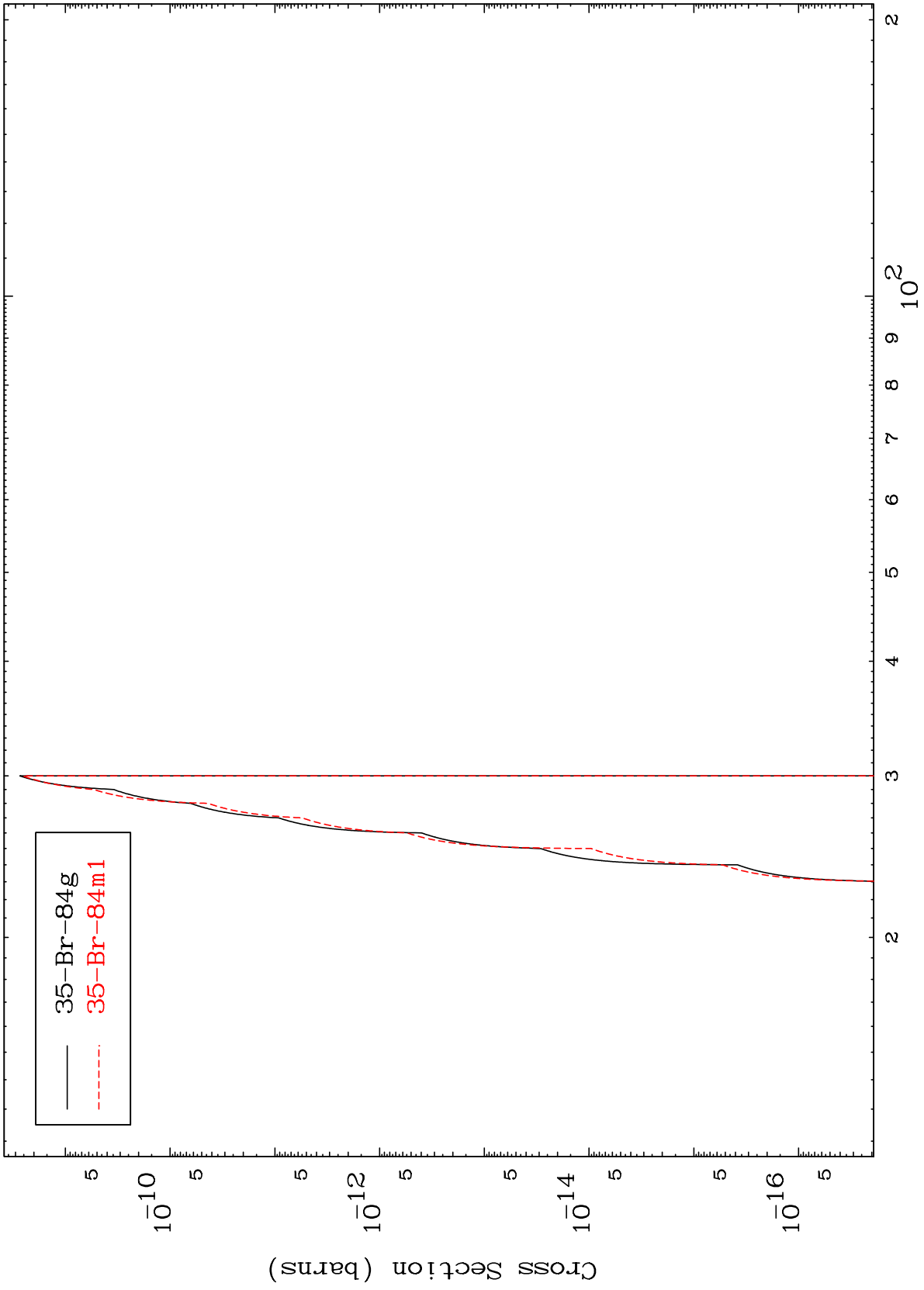
39-Y -92

MAT 3934

(n,n') 2 $\alpha$

39-Y -92

Radionuclide Production Cross Section



121

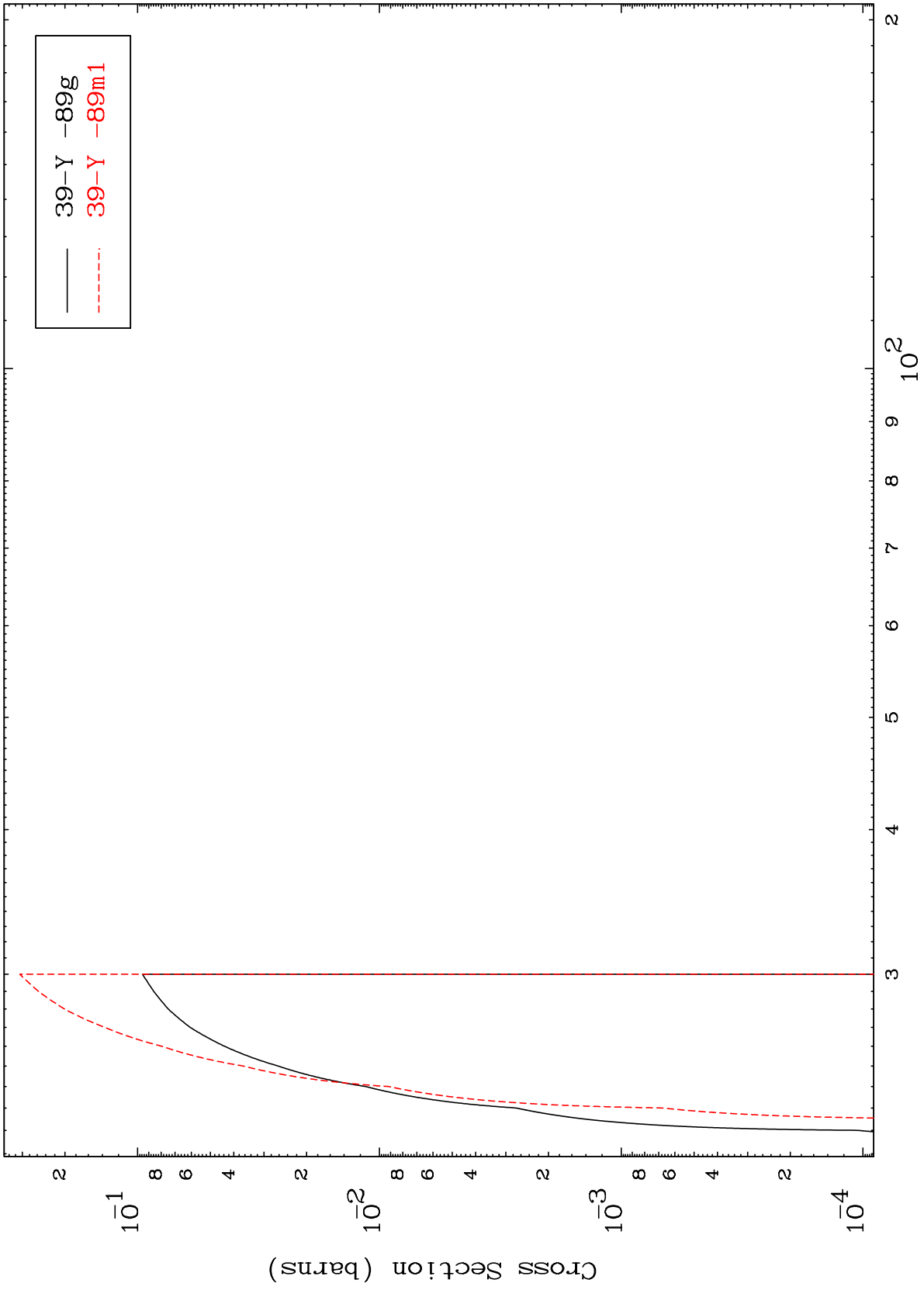
Incident Energy (MeV)

39-Y -92

MAT 3934

39-Y -92

(n,4n)  
Radionuclide Production Cross Section



39-Y -89g  
39-Y -89m1

122

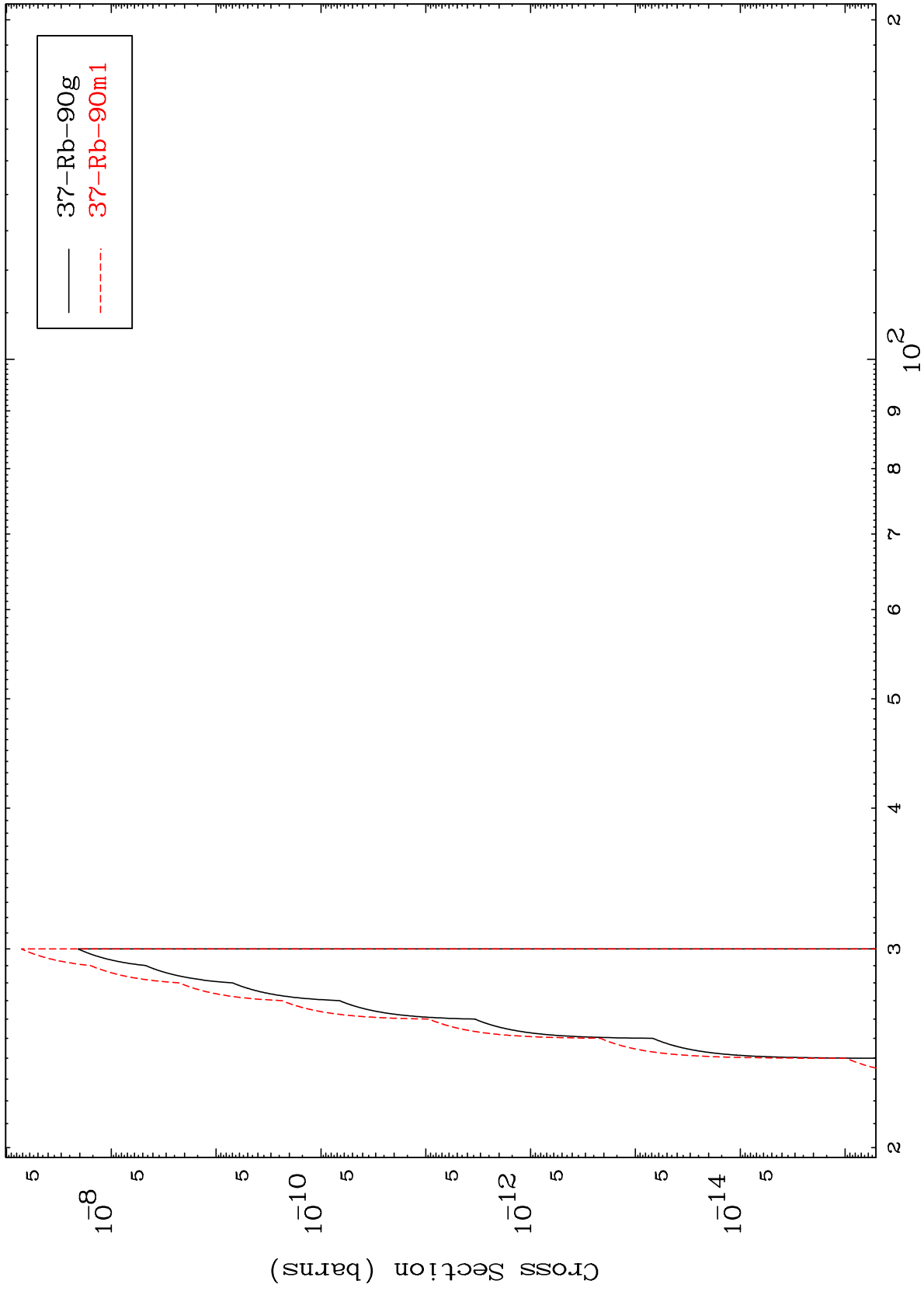
39-Y -92

MAT 3934

(n,2n) p

39-Y -92

Radionuclide Production Cross Section



123

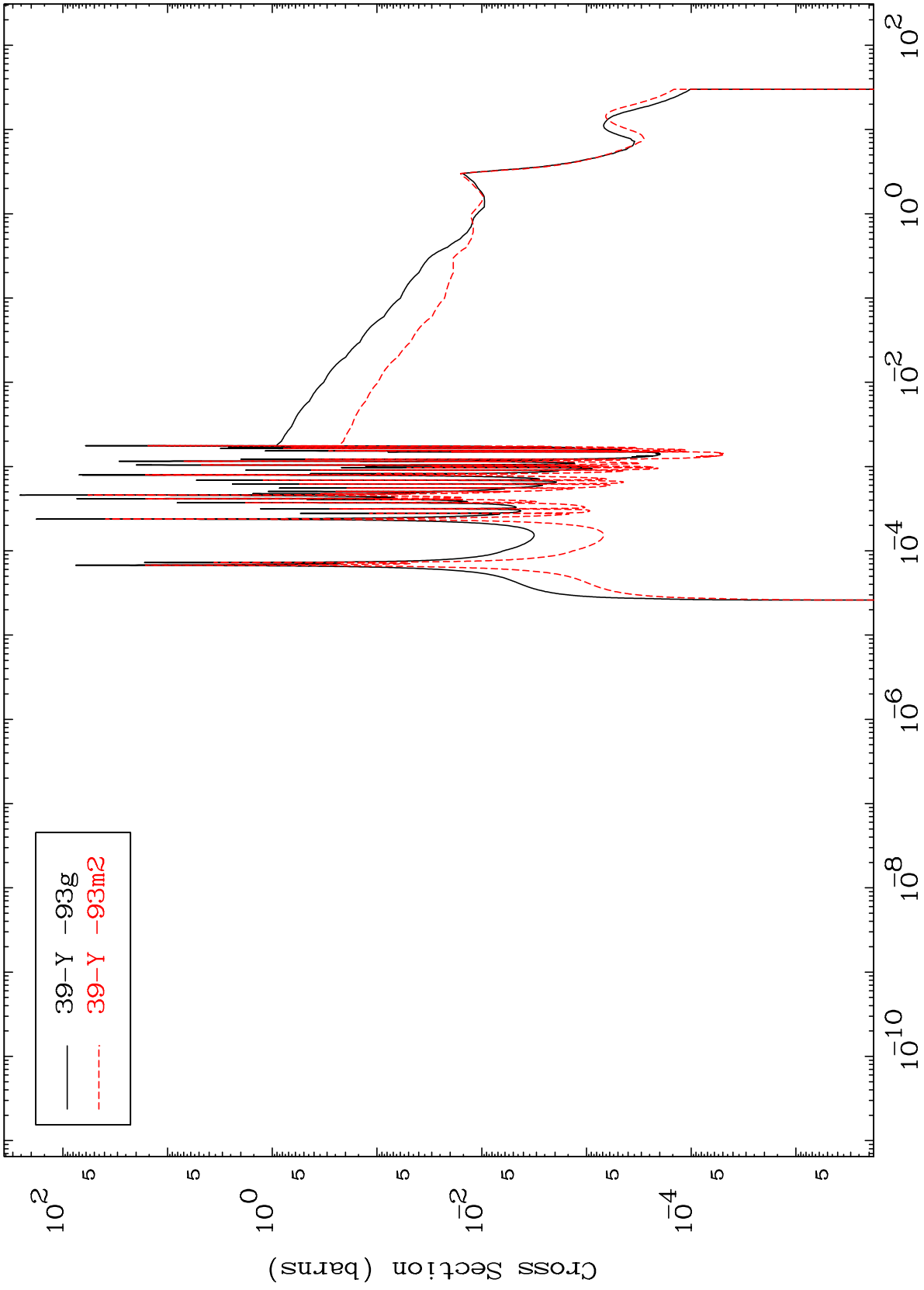
Incident Energy (MeV)

39-Y -92

MAT 3934

39-Y -92

Radionuclide Production Cross Section  
(n,γ)



124

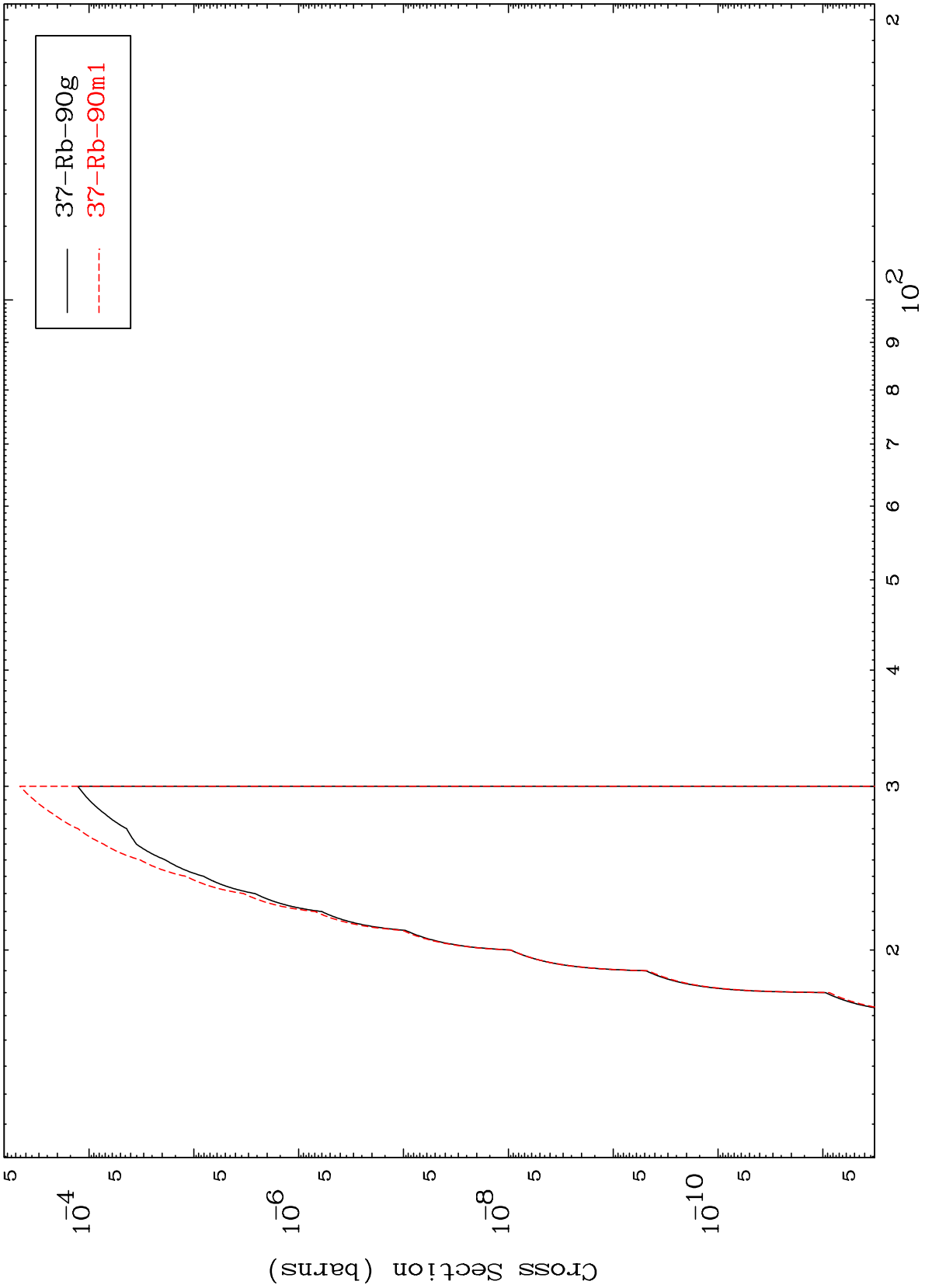
39-Y -92

MAT 3934

(n, He-3)

39-Y -92

Radionuclide Production Cross Section



125

Incident Energy (MeV)

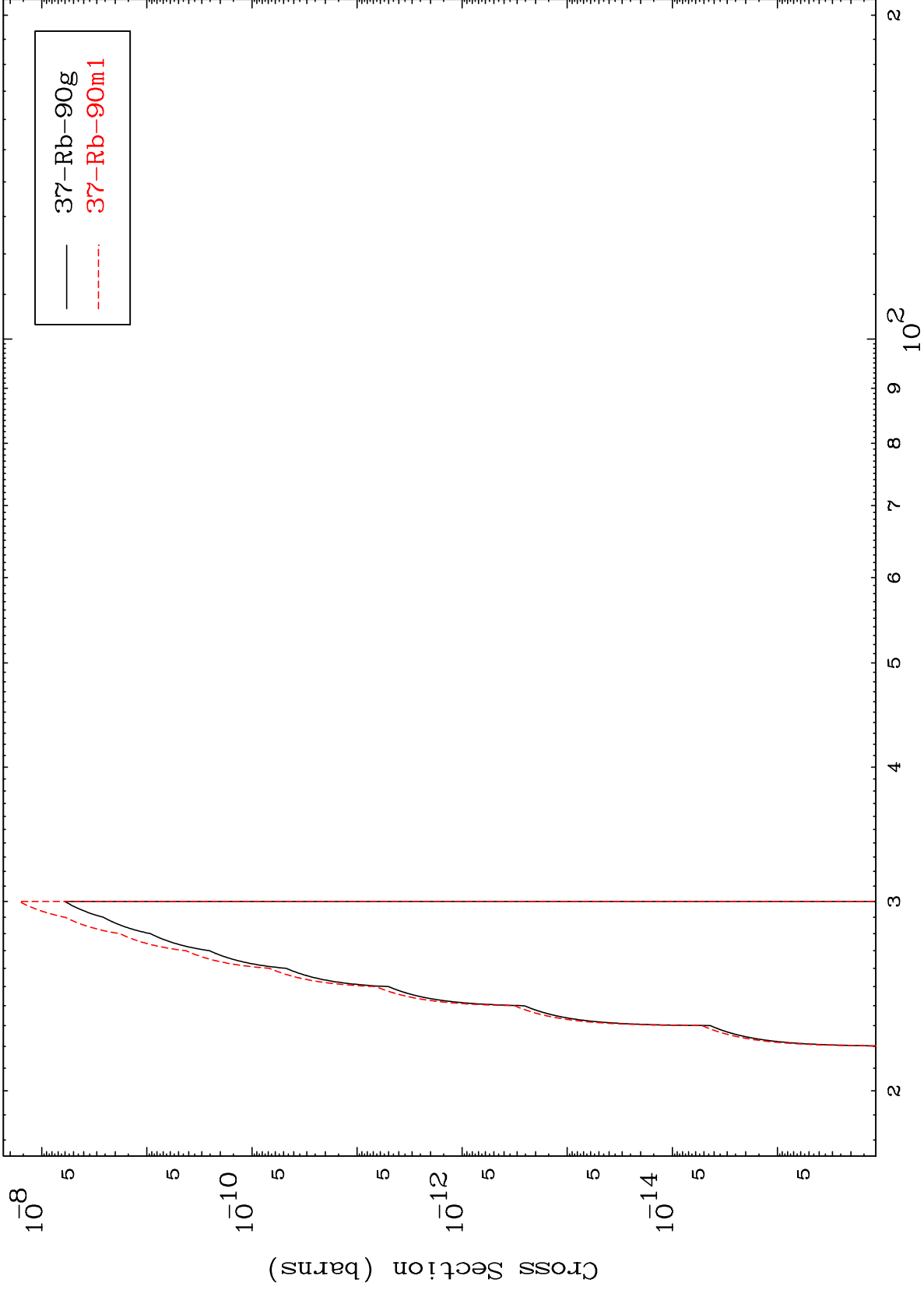
39-Y -92

MAT 3934

(n,p) d

39-Y -92

Radionuclide Production Cross Section



126

Incident Energy (MeV)

39-Y -92