

Program EVALPLOT
(Version 2017-1)

by

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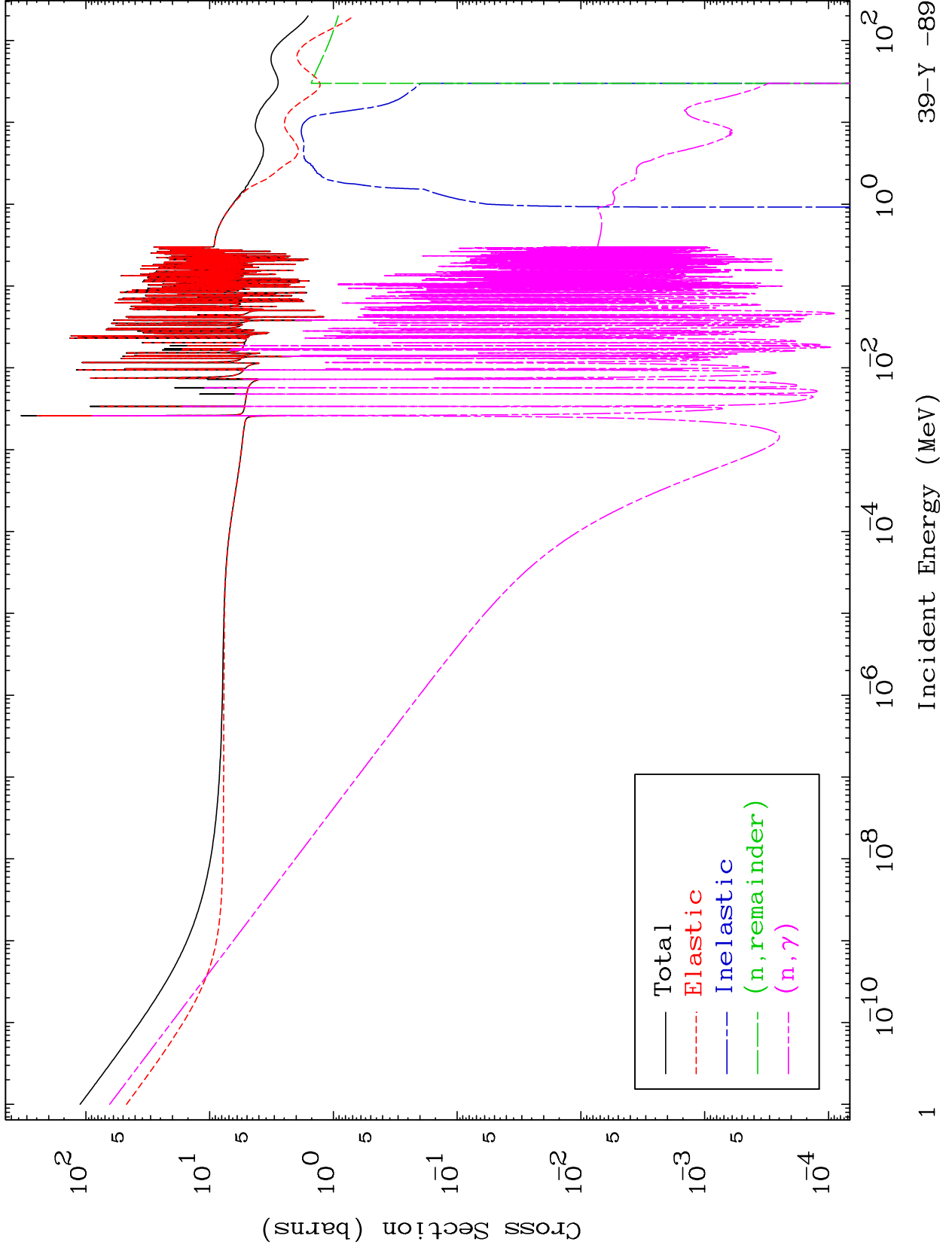
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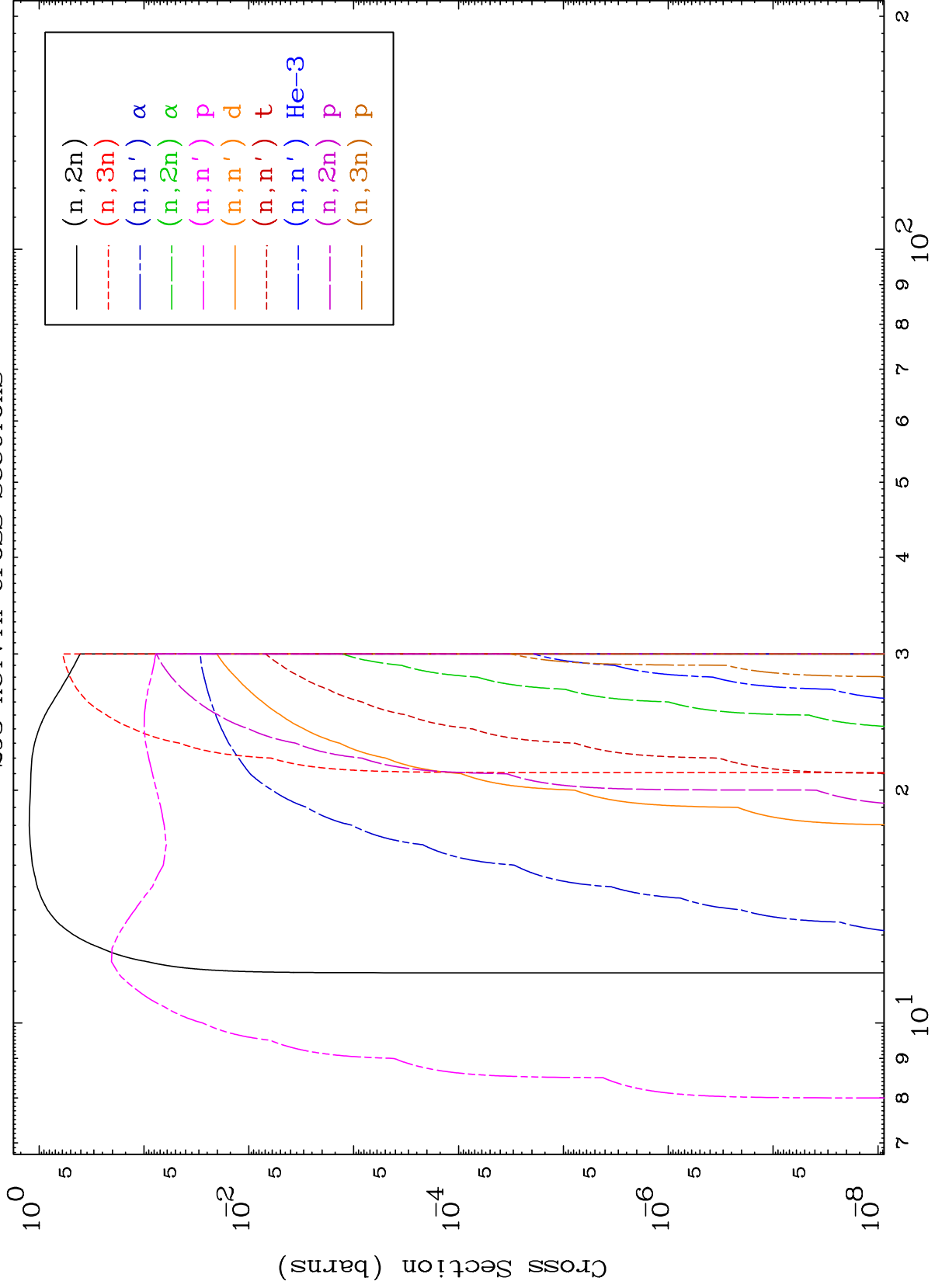
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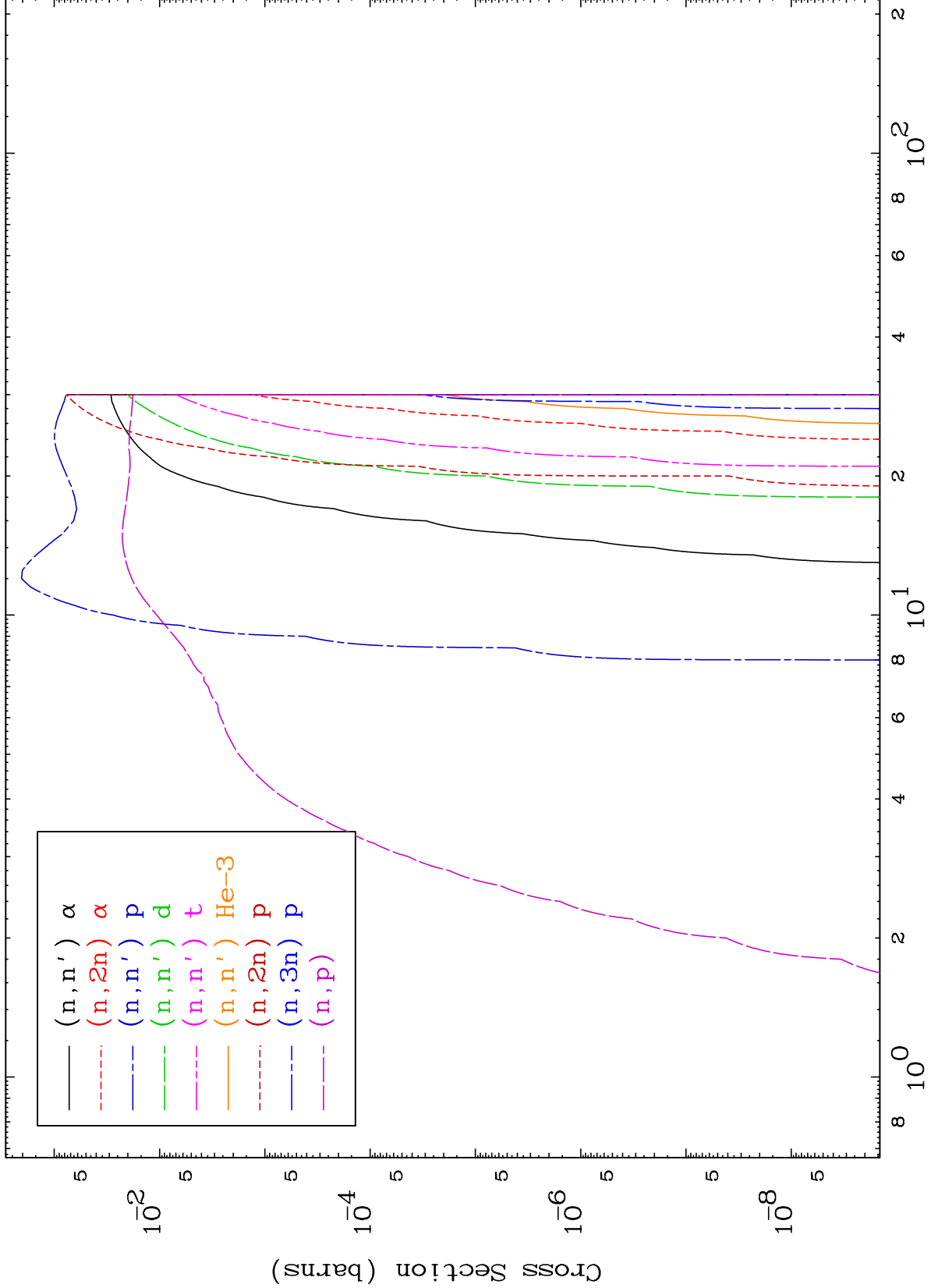
MAT 3925

Major
293 Kelvin Cross Sections

39-Y -89



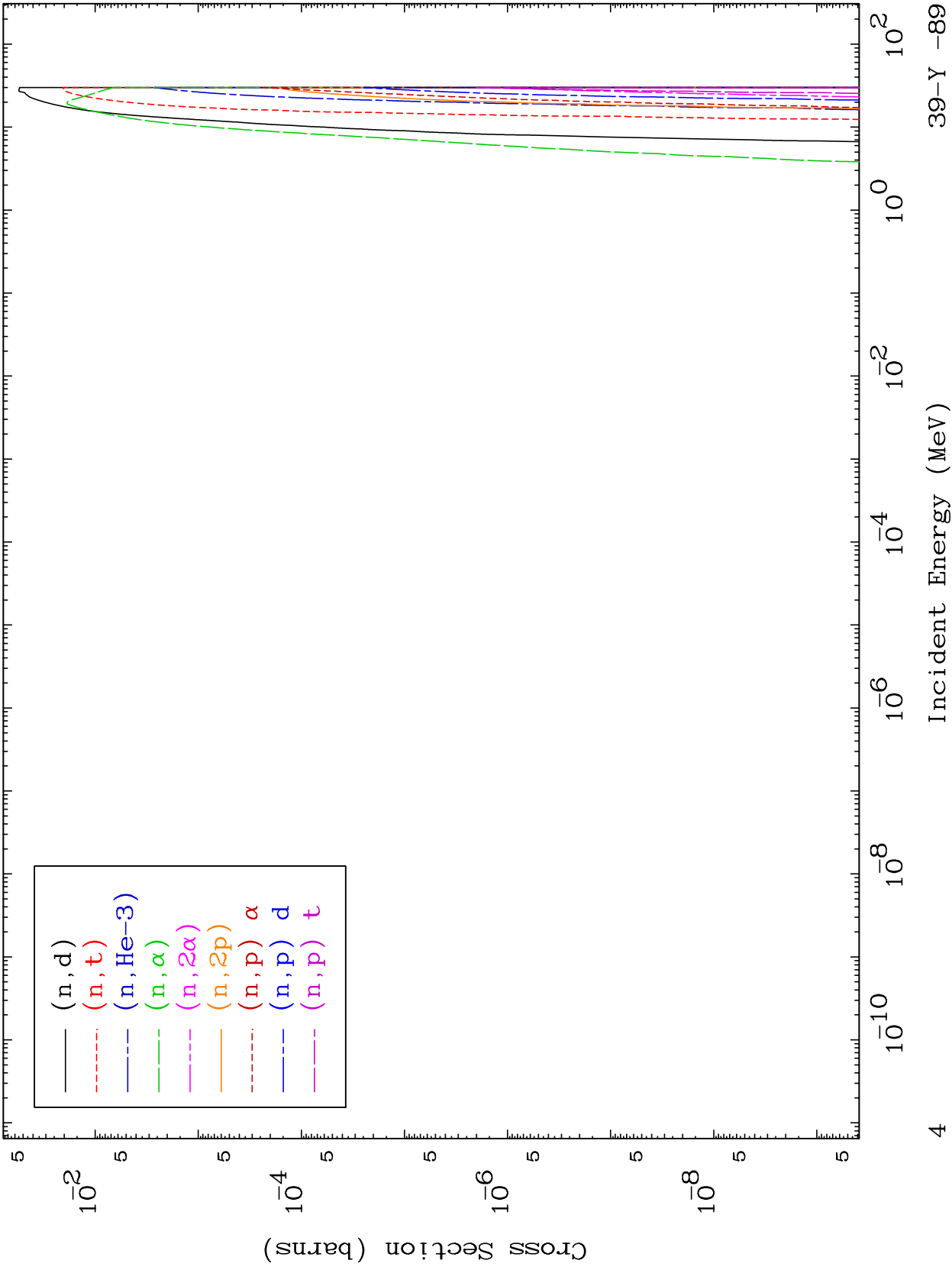


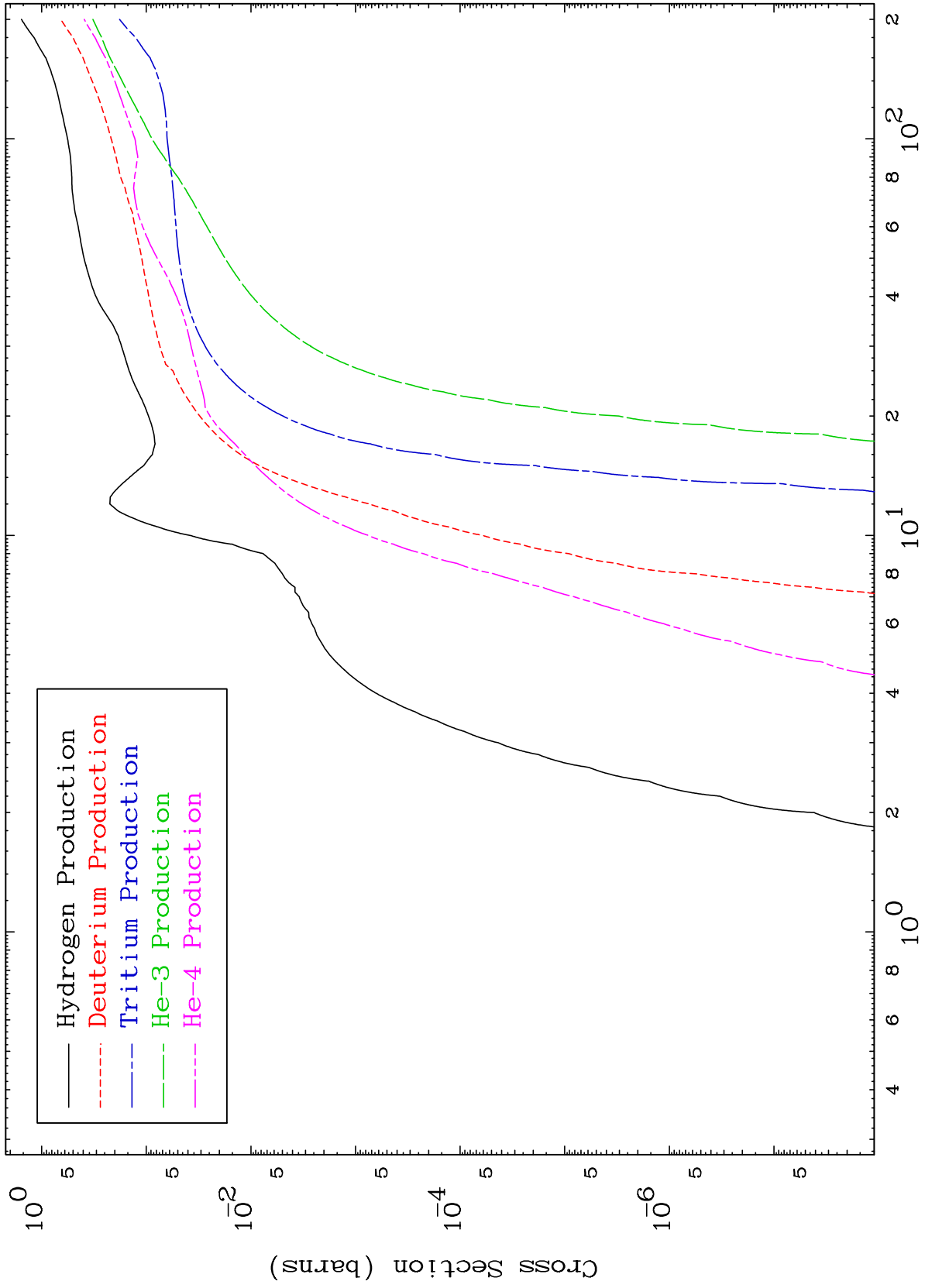


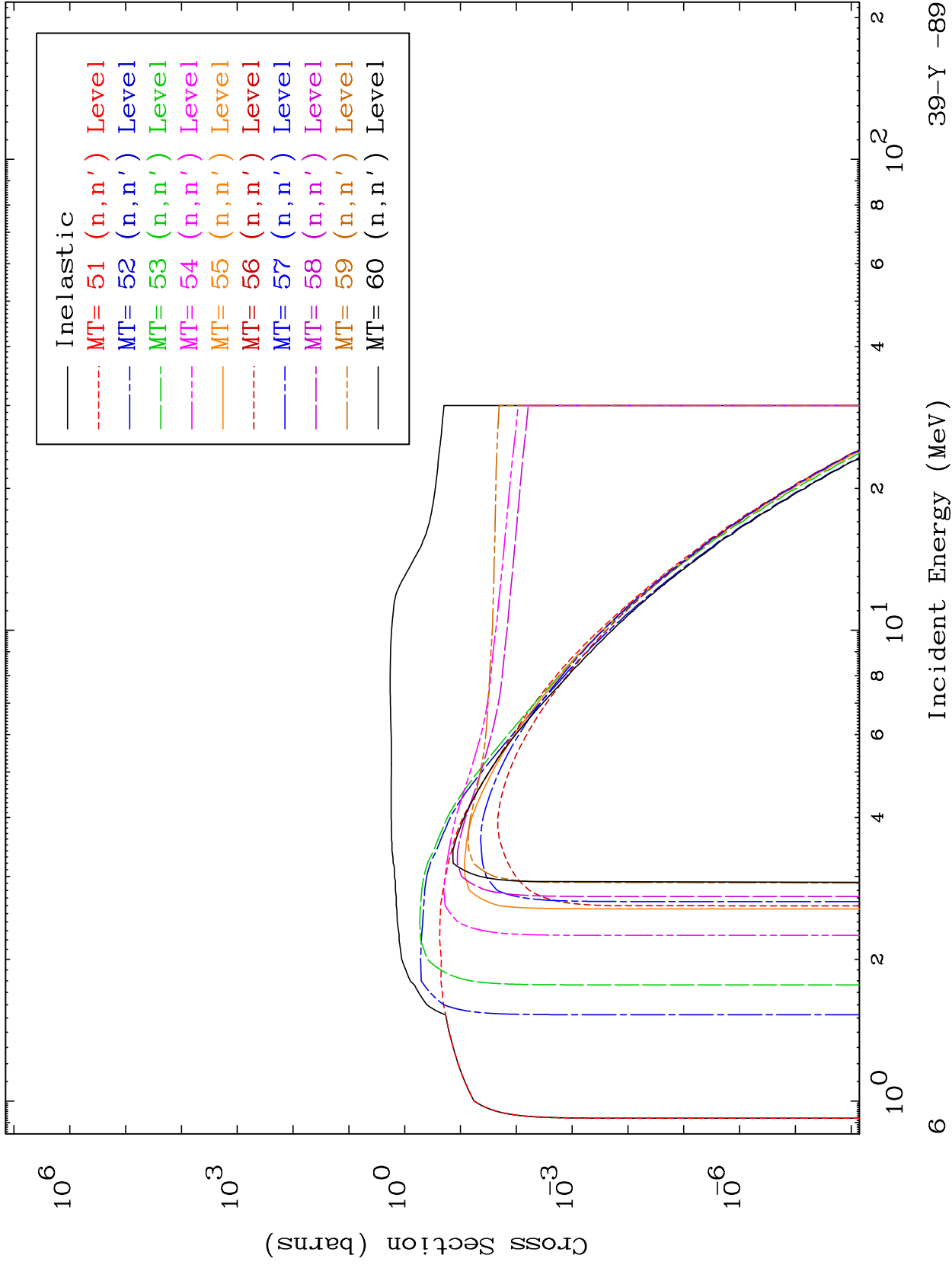
MAT 3925

Charged Particle
293 Kelvin Cross Sections

39-Y -89





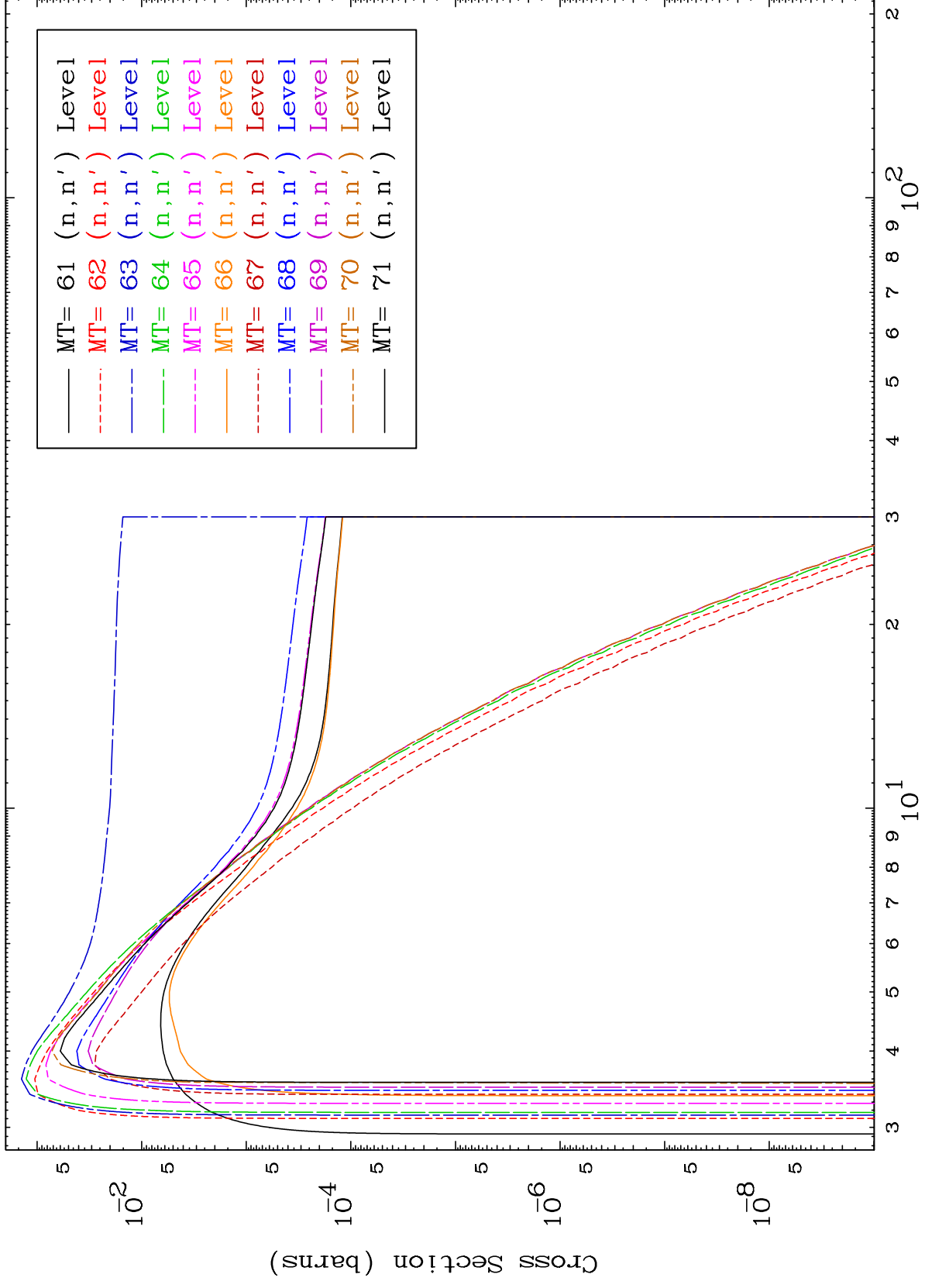


MAT 3925

(n,n') Level

39-Y -89

293 Kelvin Cross Sections

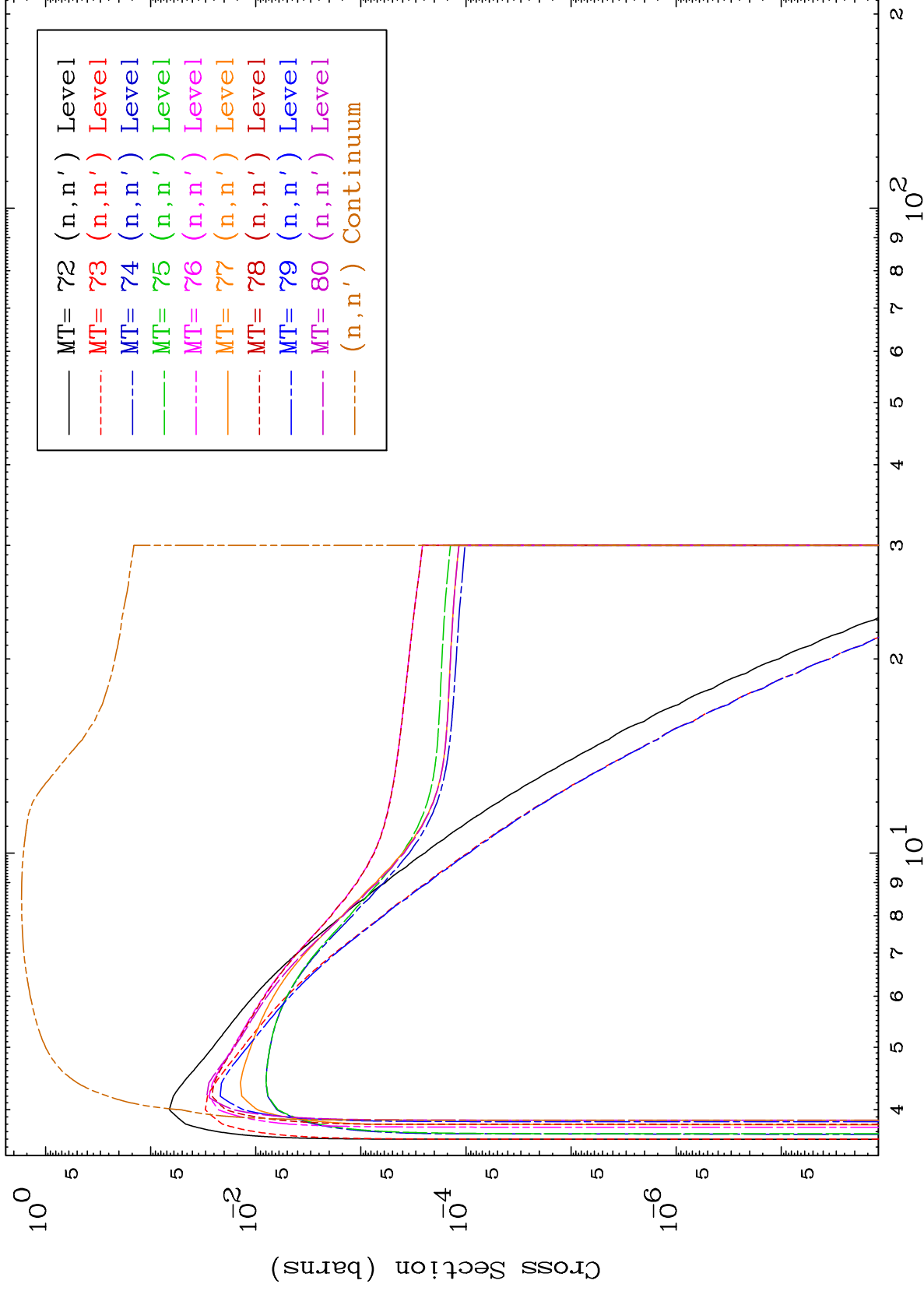


7

Incident Energy (MeV)

39-Y -89

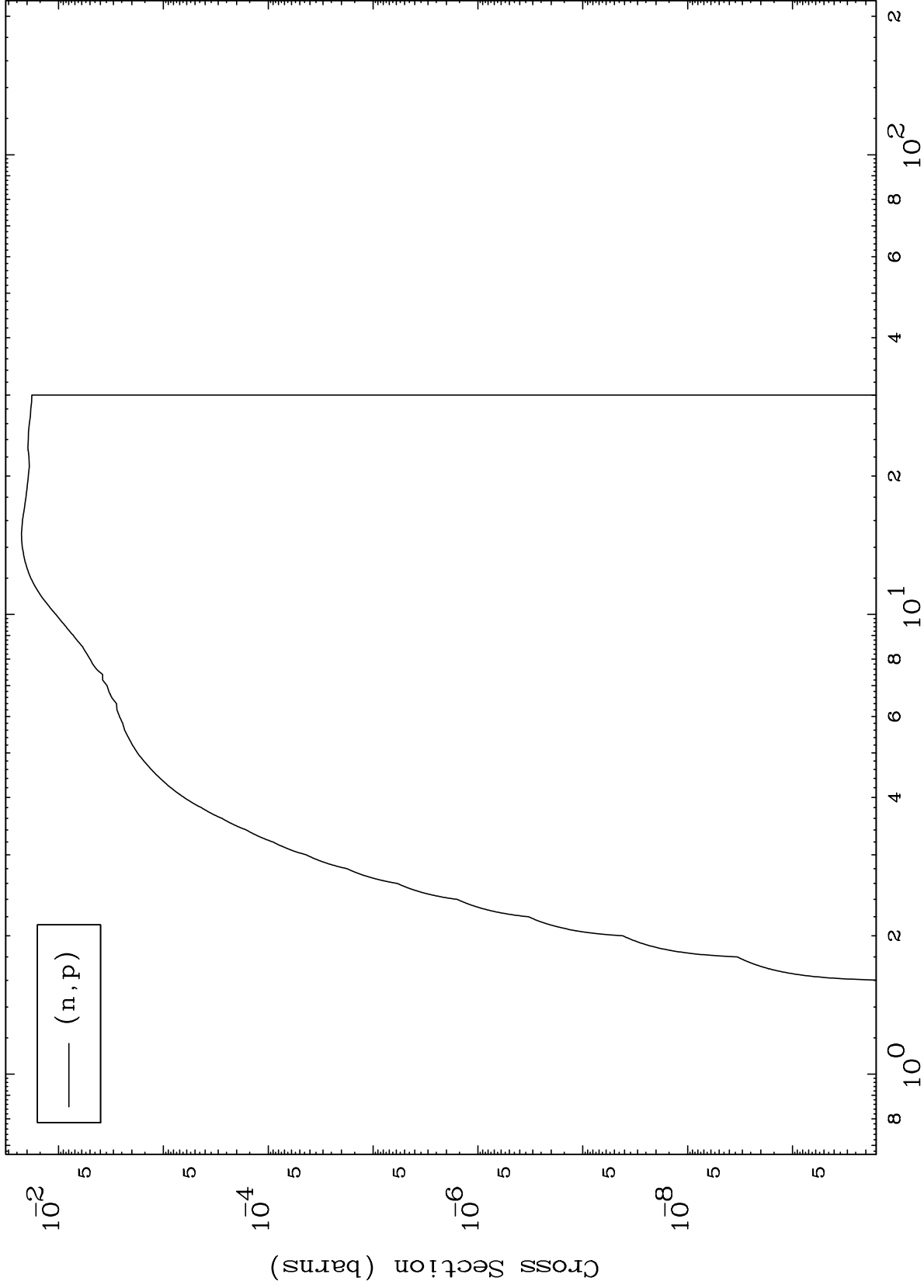
293 Kelvin Cross Sections



MAT 3925

(n,p) Levels
293 Kelvin Cross Sections

39-Y -89



9

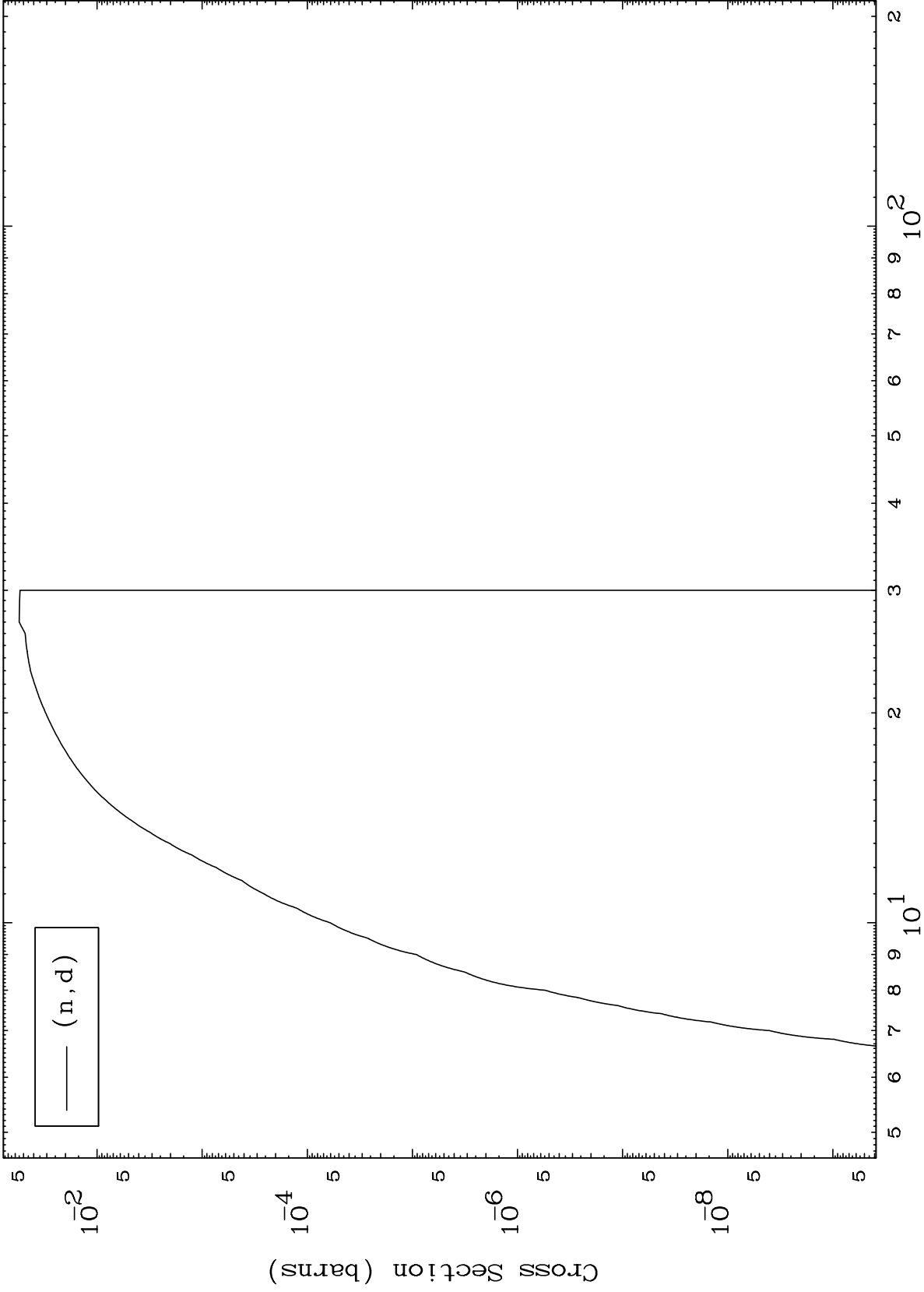
Incident Energy (MeV)

39-Y -89

MAT 3925

(n,d) Levels
293 Kelvin Cross Sections

39-Y -89



10

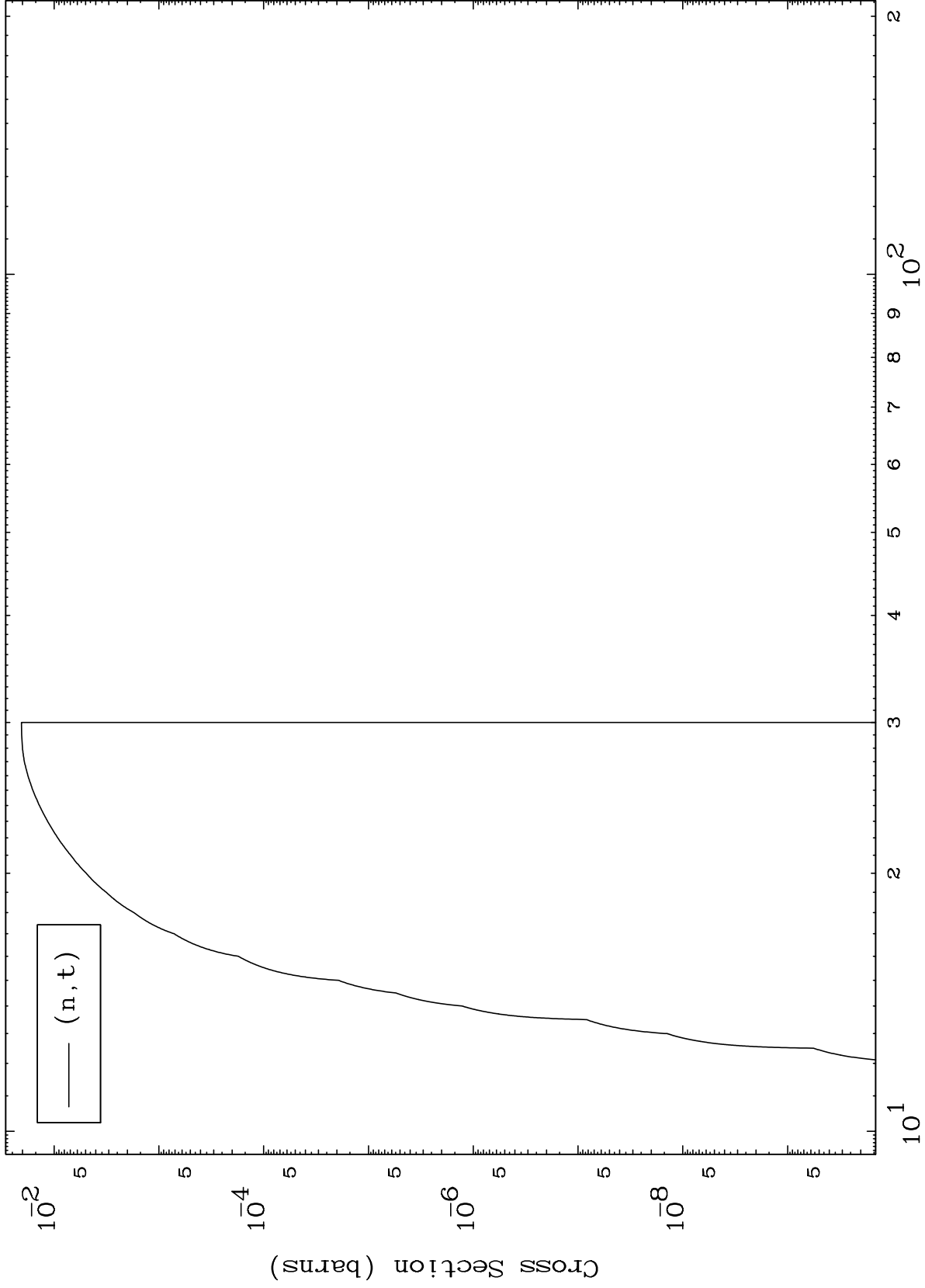
Incident Energy (MeV)

39-Y -89

MAT 3925

(n,t) Levels
293 Kelvin Cross Sections

39-Y -89



11

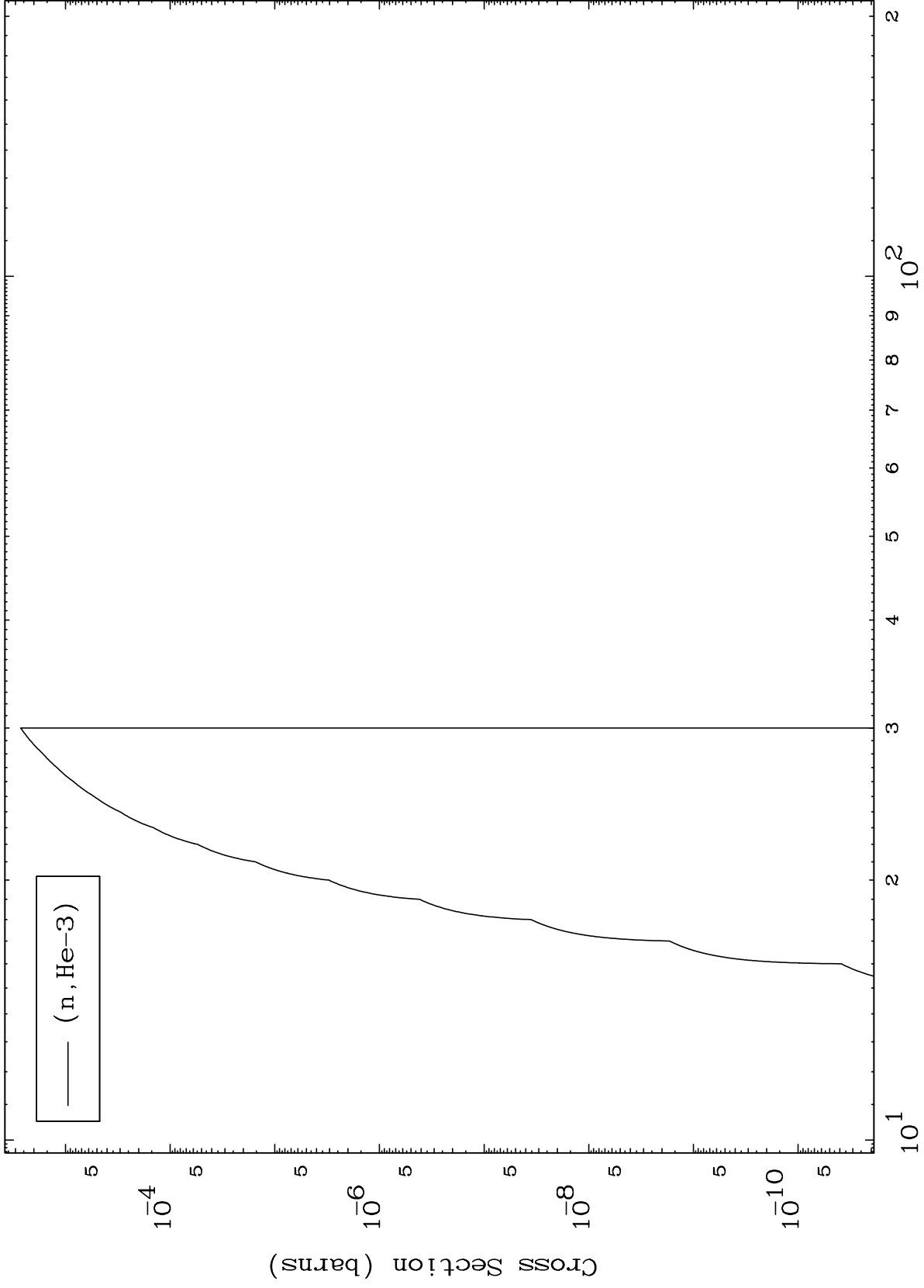
Incident Energy (MeV)

39-Y -89

MAT 3925

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -89



12

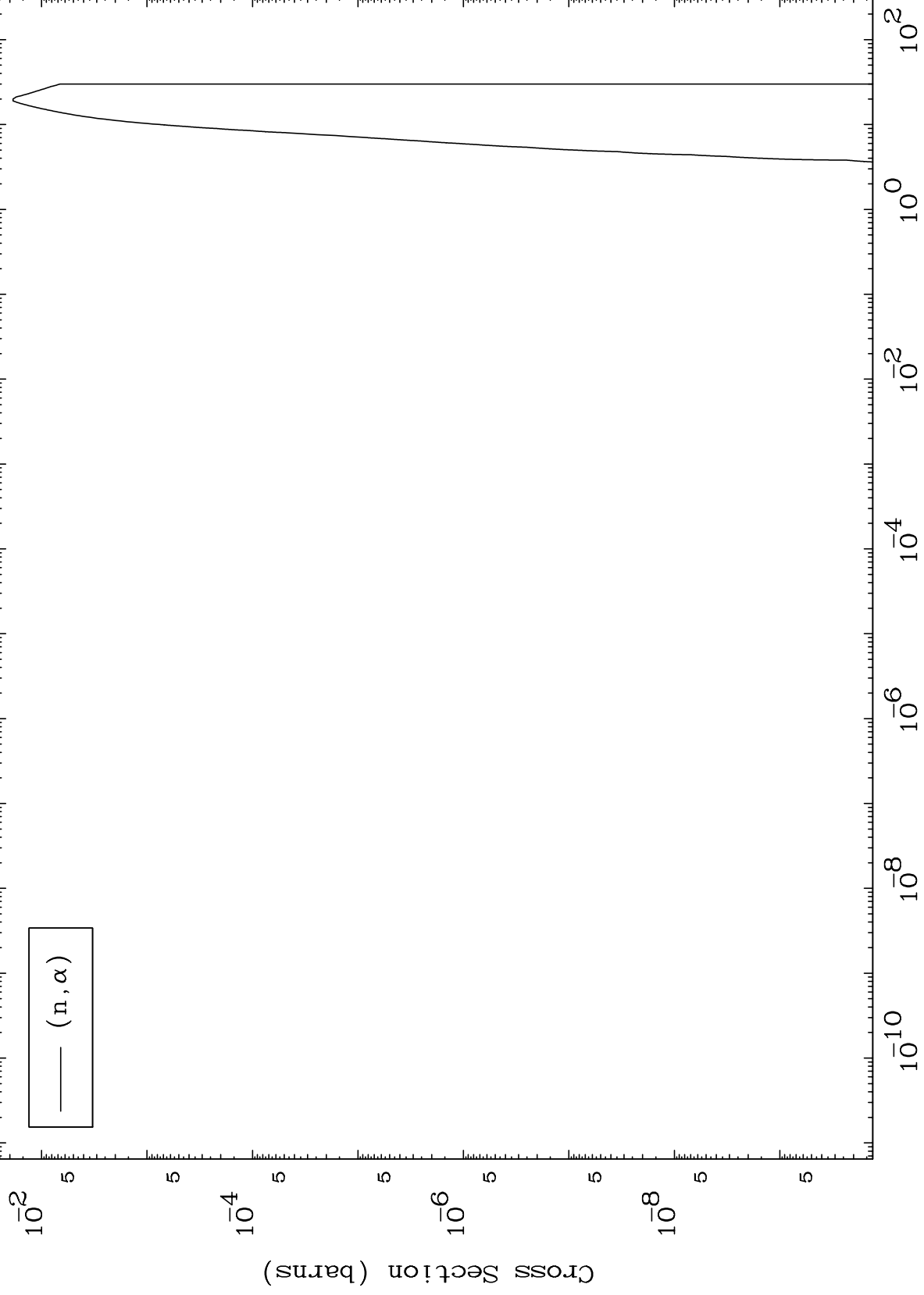
Incident Energy (MeV)

39-Y -89

MAT 3925

(n, α) Levels
293 Kelvin Cross Sections

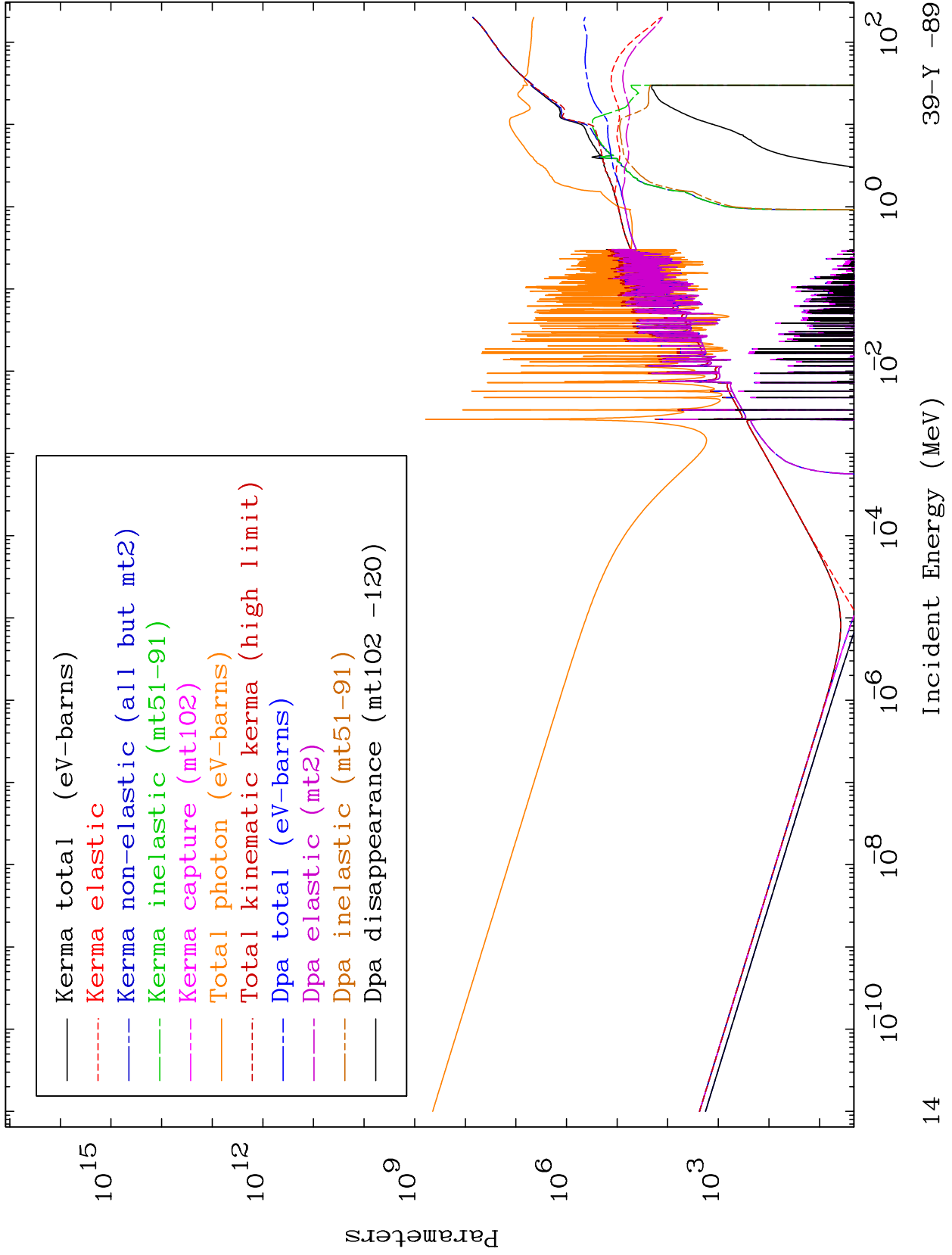
39-Y -89



13

Incident Energy (MeV)

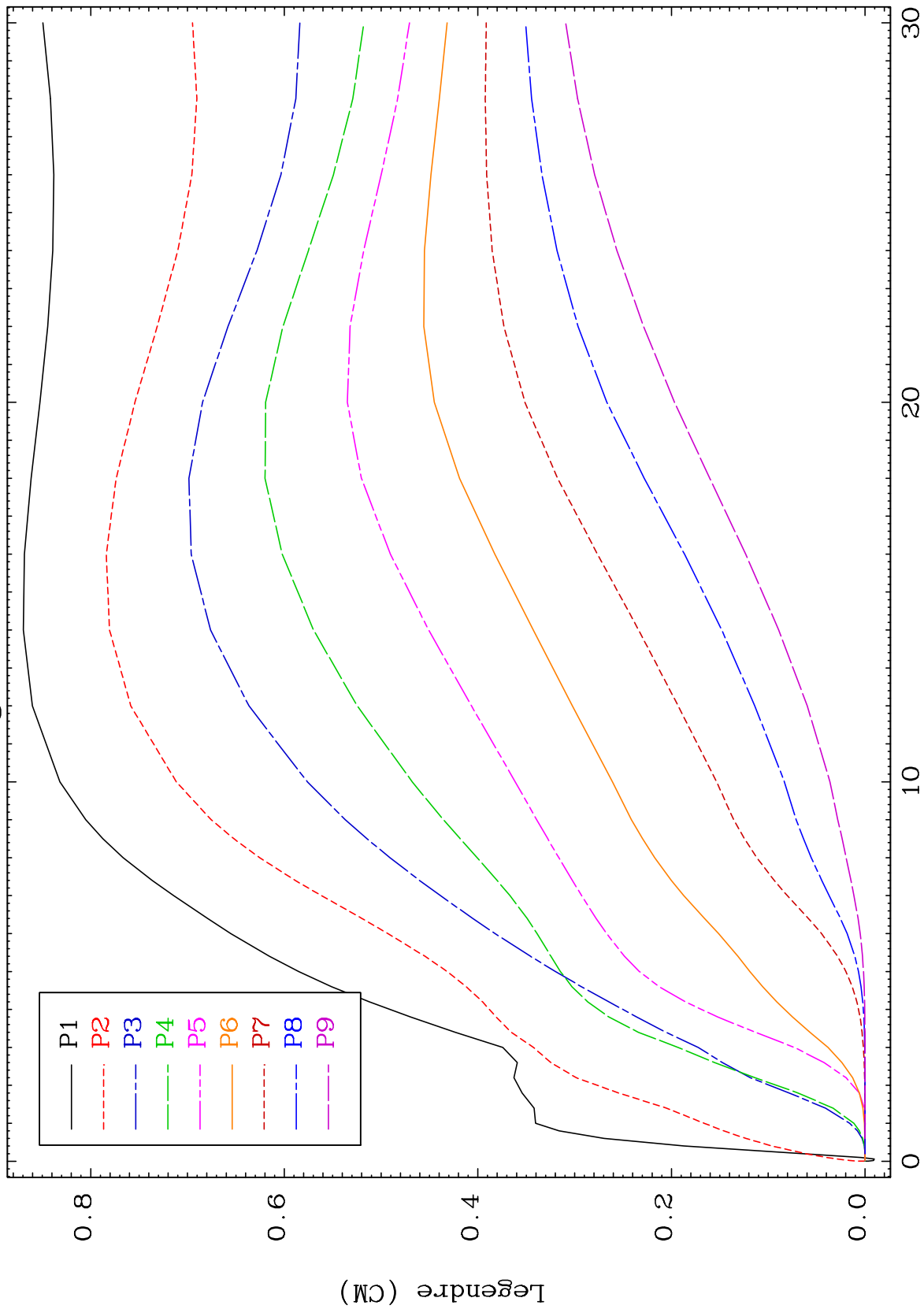
39-Y -89



MAT 3925

Elastic Legendre Coefficients

39-Y -89



15

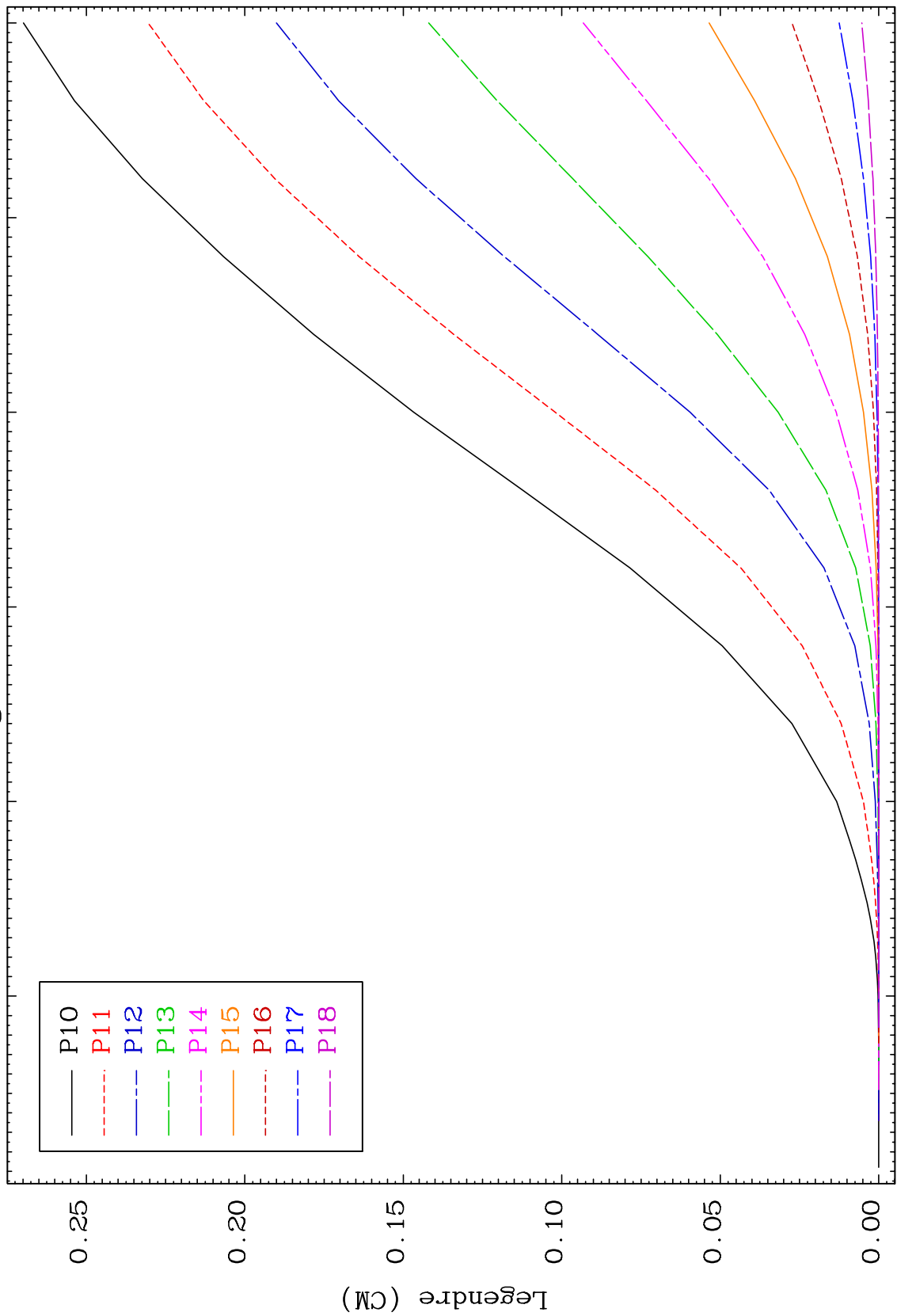
Incident Energy (MeV)

39-Y -89

MAT 3925

Elastic Legendre Coefficients

39-Y -89



16

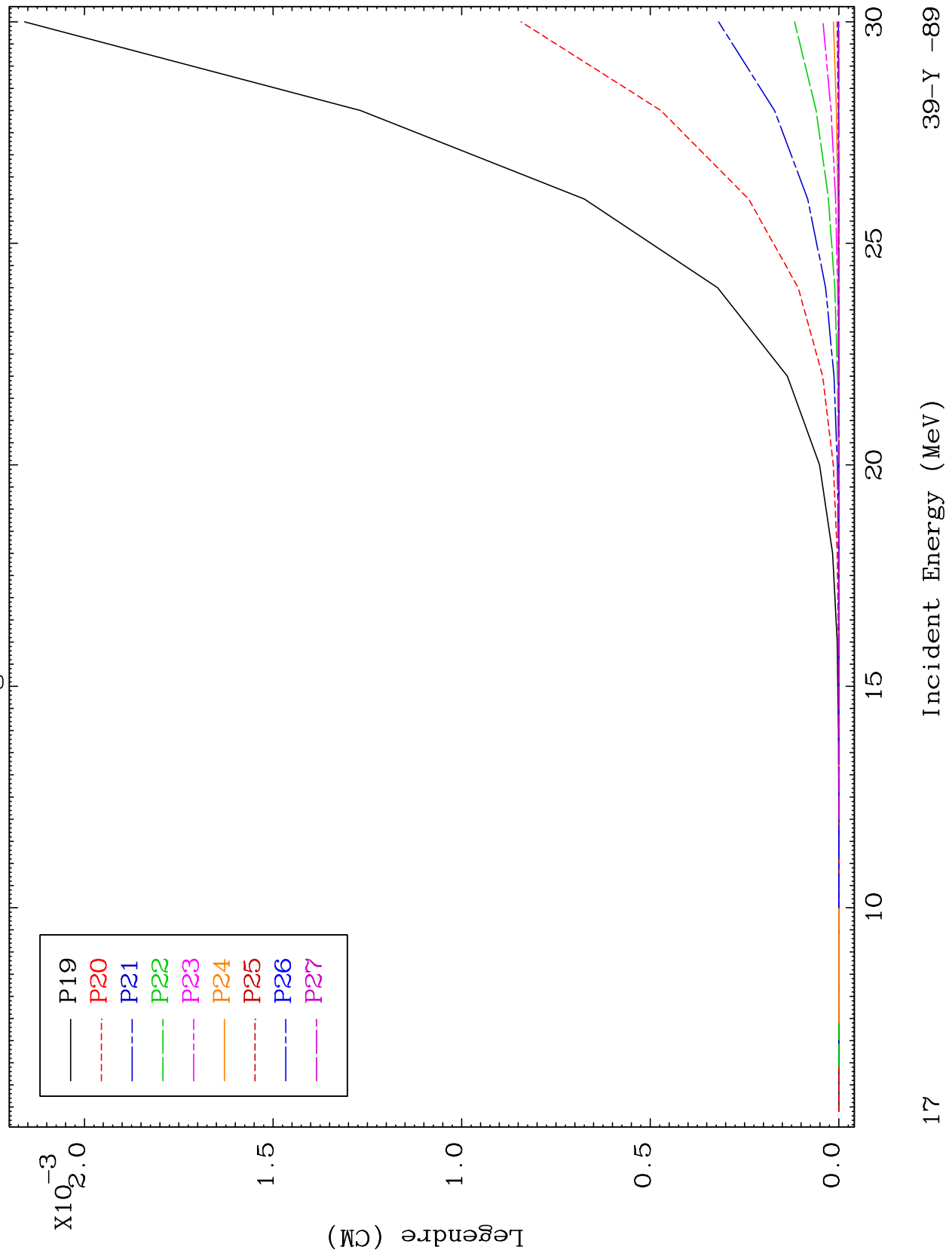
Incident Energy (MeV)

39-Y -89

MAT 3925

Elastic Legendre Coefficients

39-Y -89



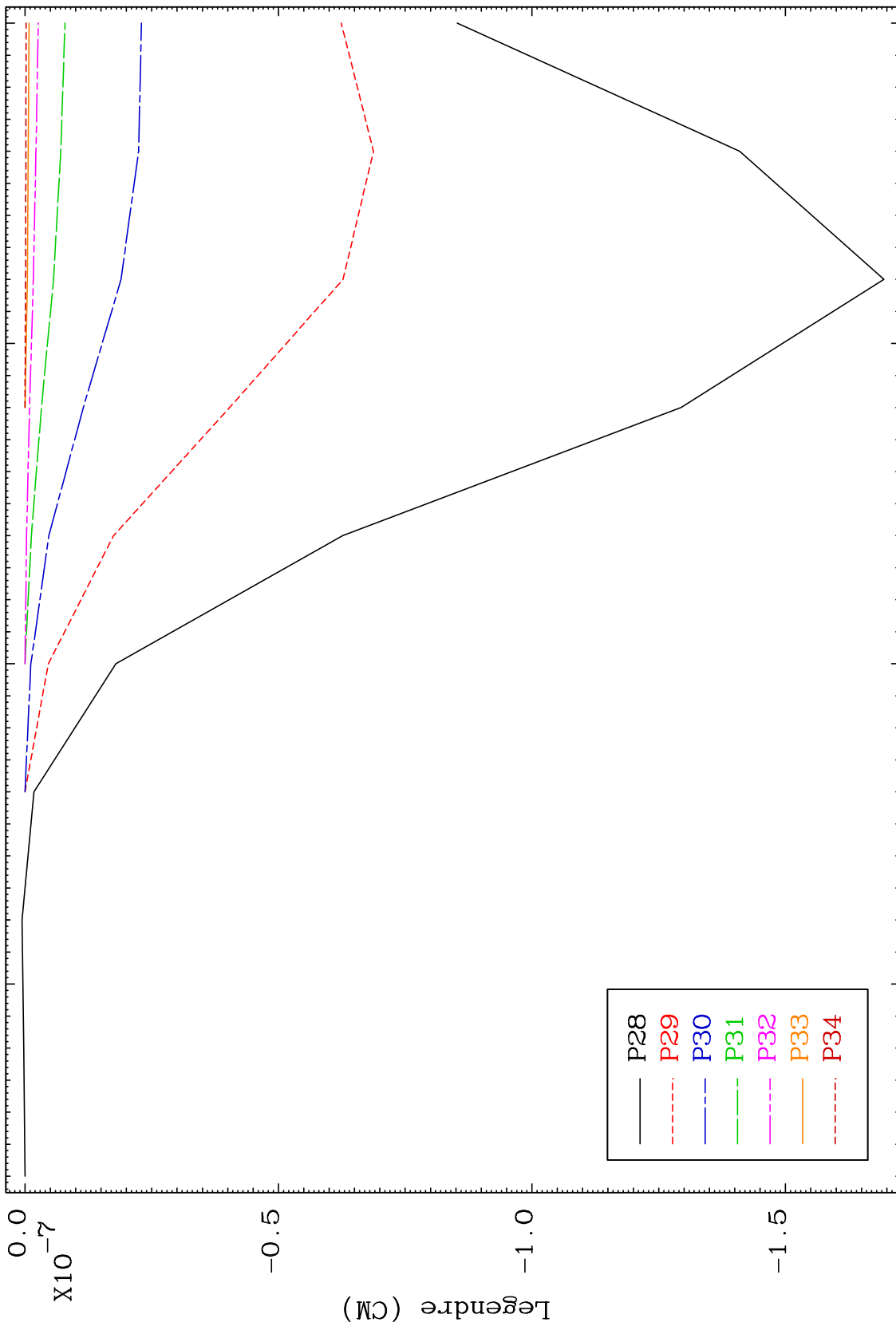
17

39-Y -89

MAT 3925

39-Y -89

Elastic Legendre Coefficients



10^{-7}

-0.5

-1.0

-1.5

15

20

25

30

18

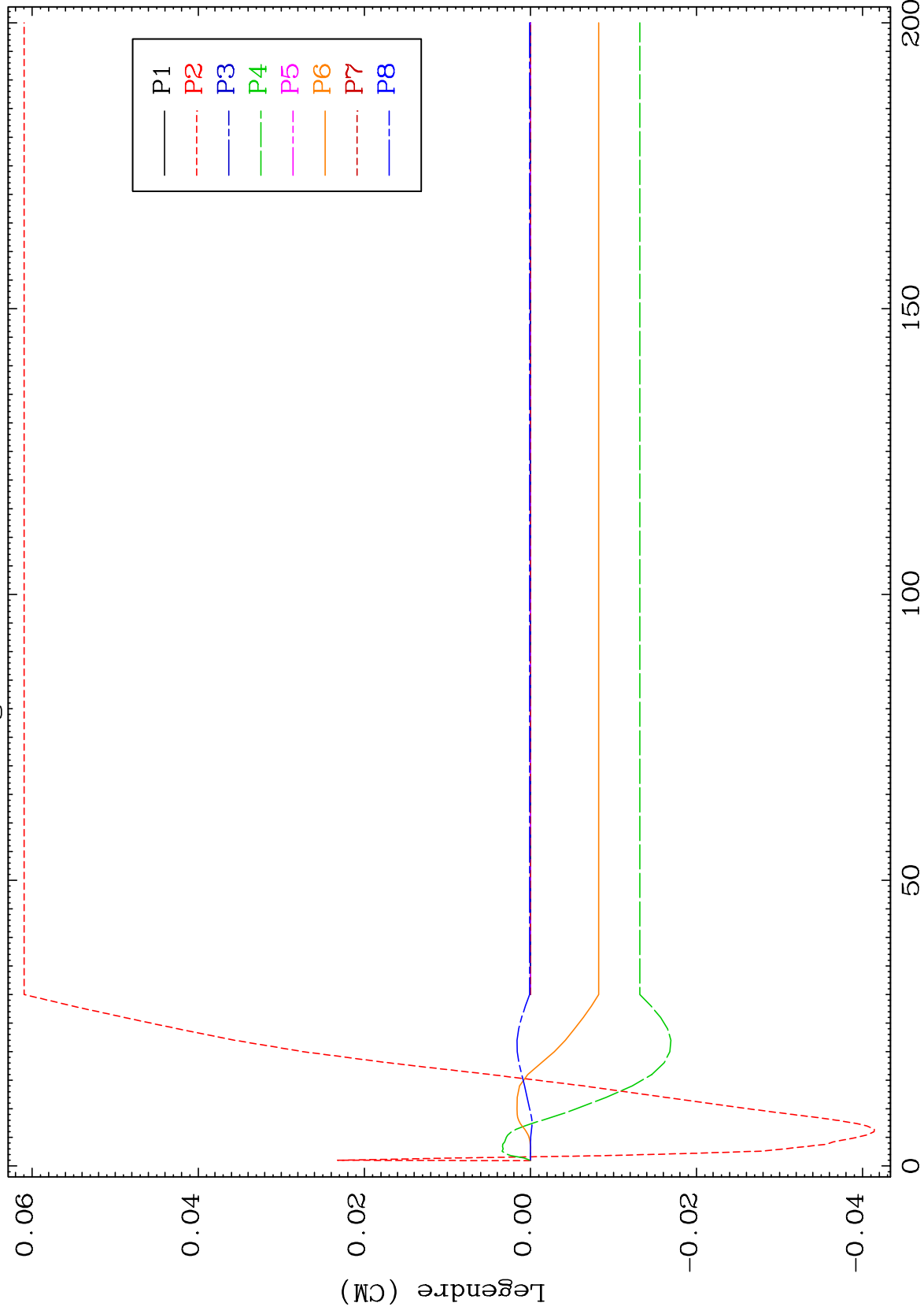
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



19

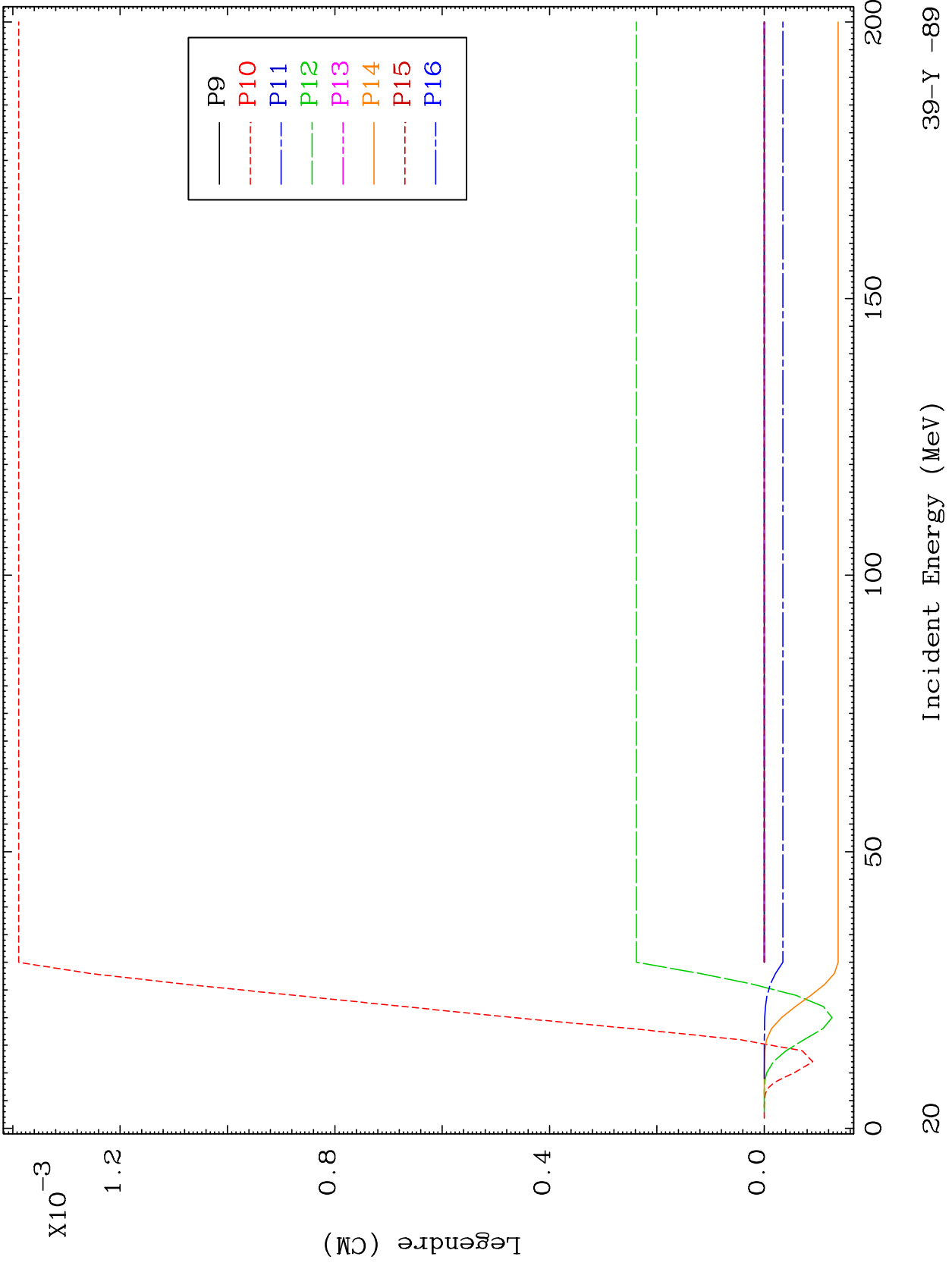
Incident Energy (MeV)

39-Y -89

MAT 3925

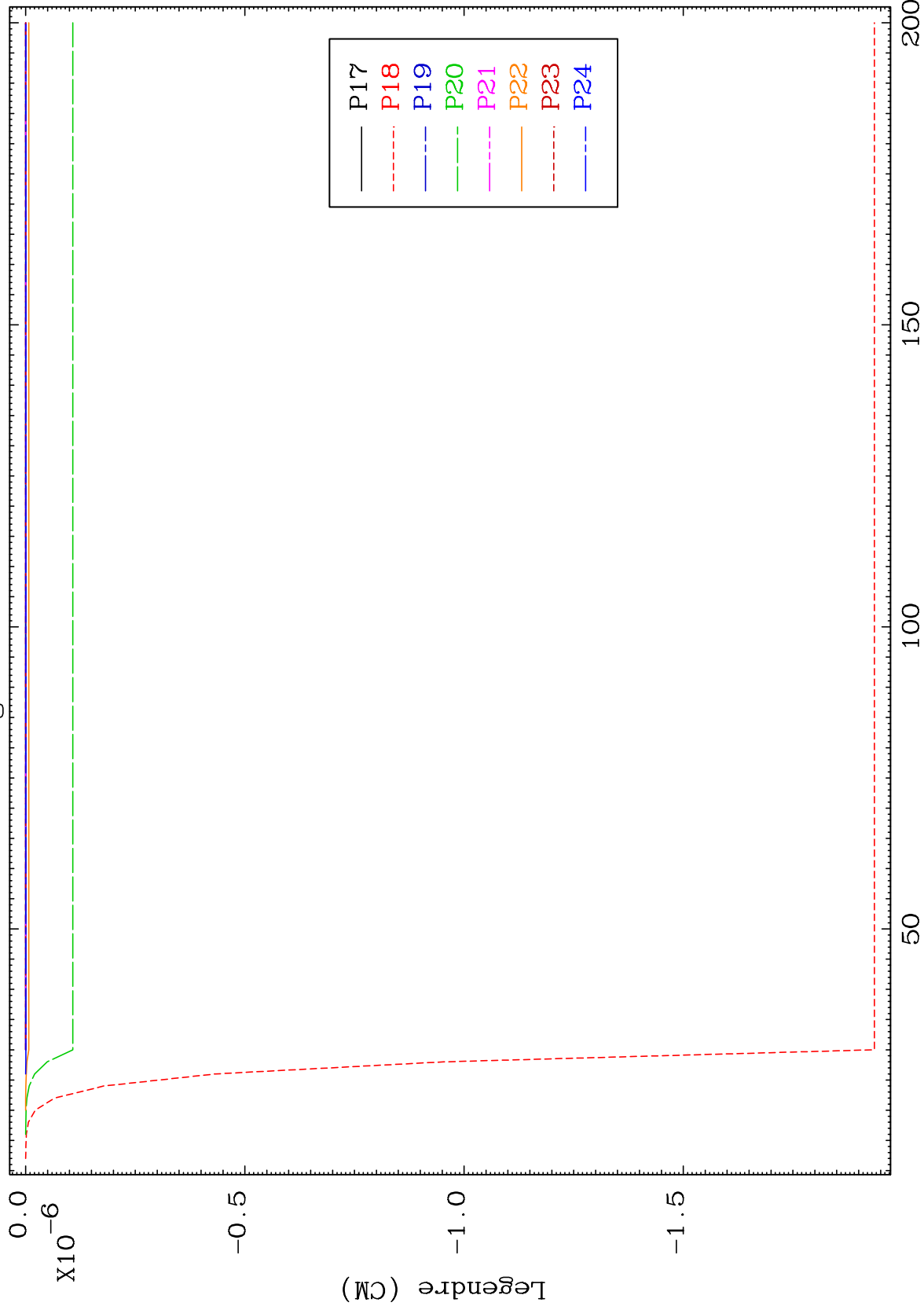
MT= 51 (n,n') Level
Legendre Coefficients

39-Y -89



39-Y -89

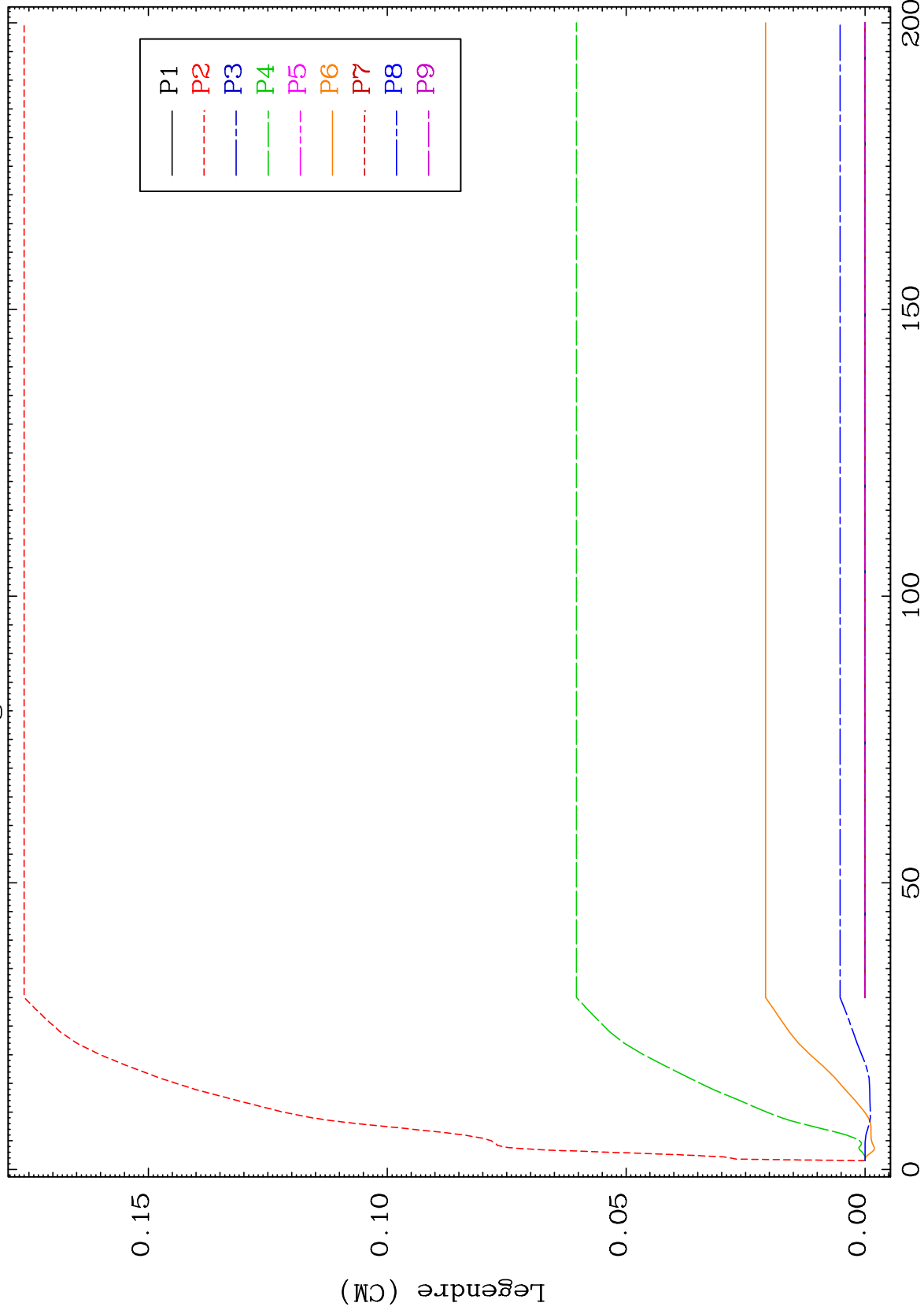
Legendre Coefficients



MAT 3925

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

39-Y -89



22

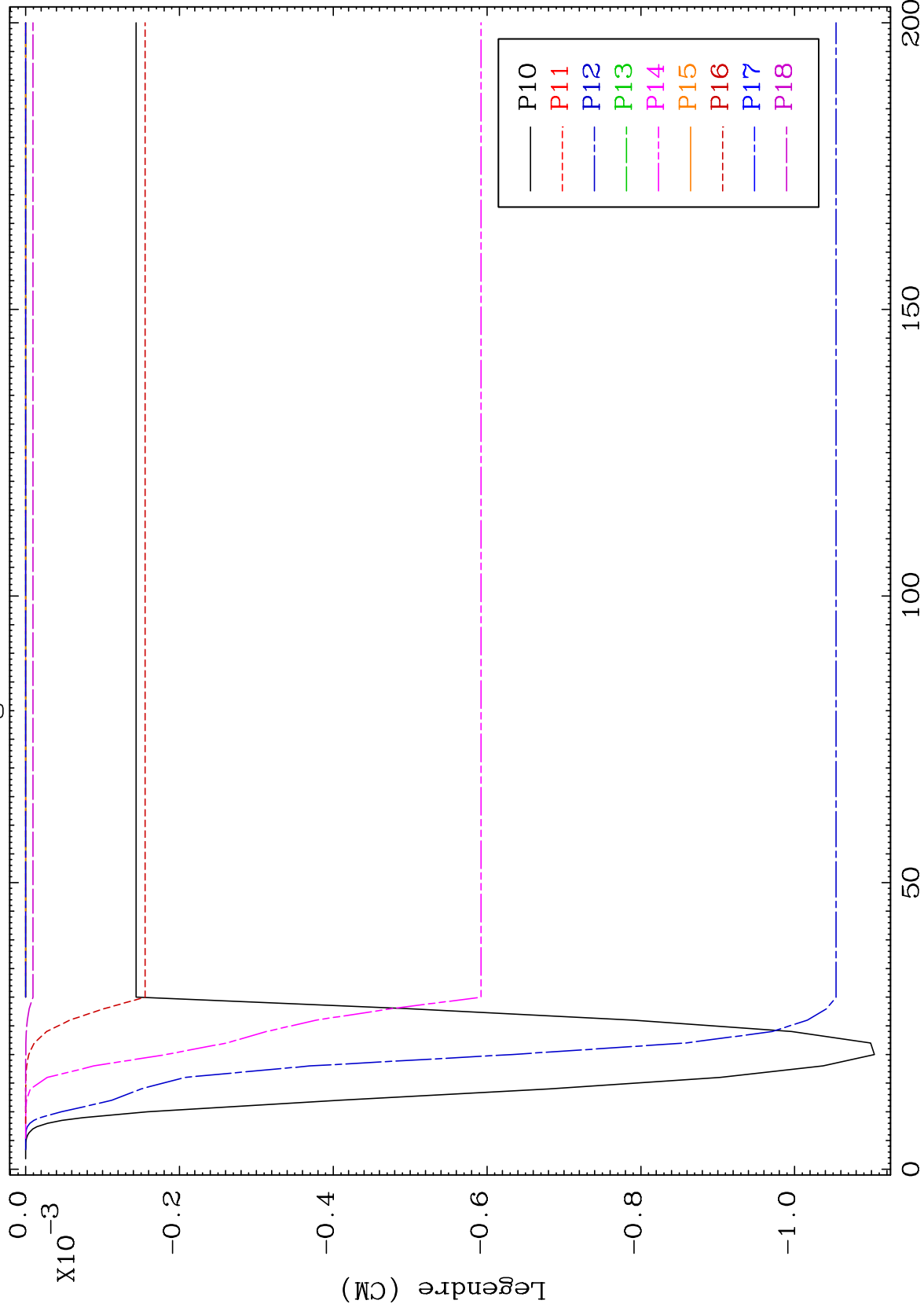
Incident Energy (MeV)

39-Y -89

MAT 3925

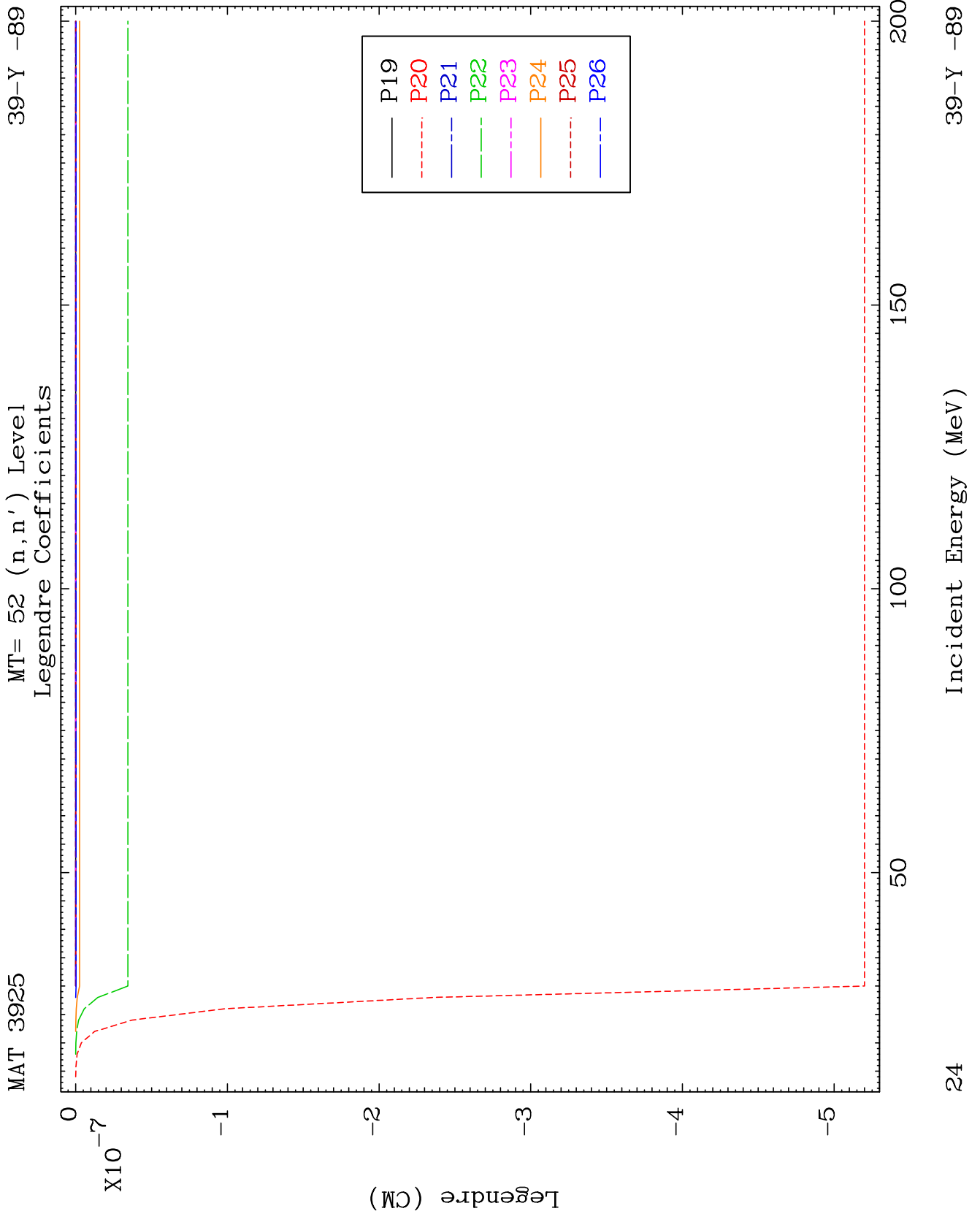
MT= 52 (n,n') Level
Legendre Coefficients

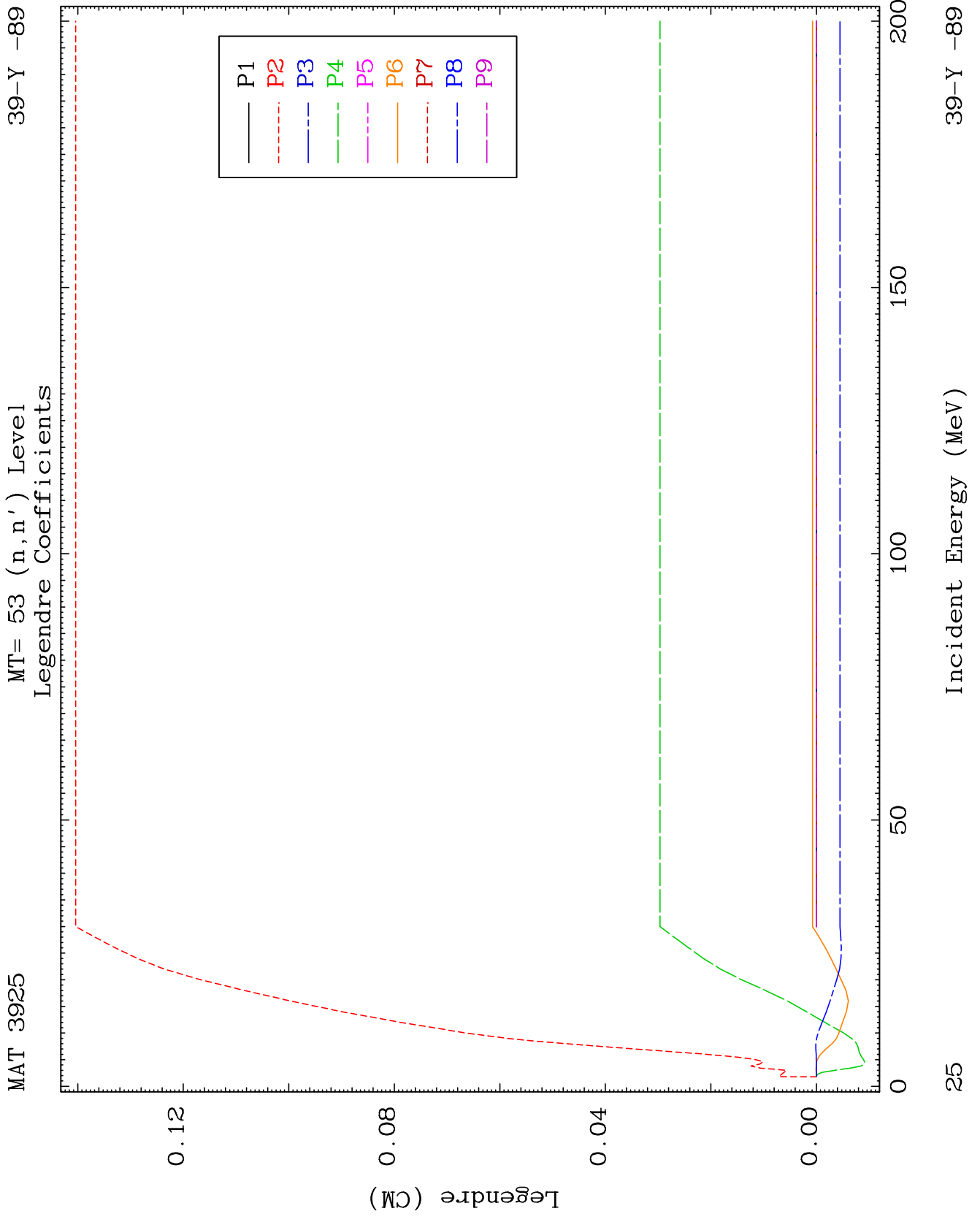
39-Y -89

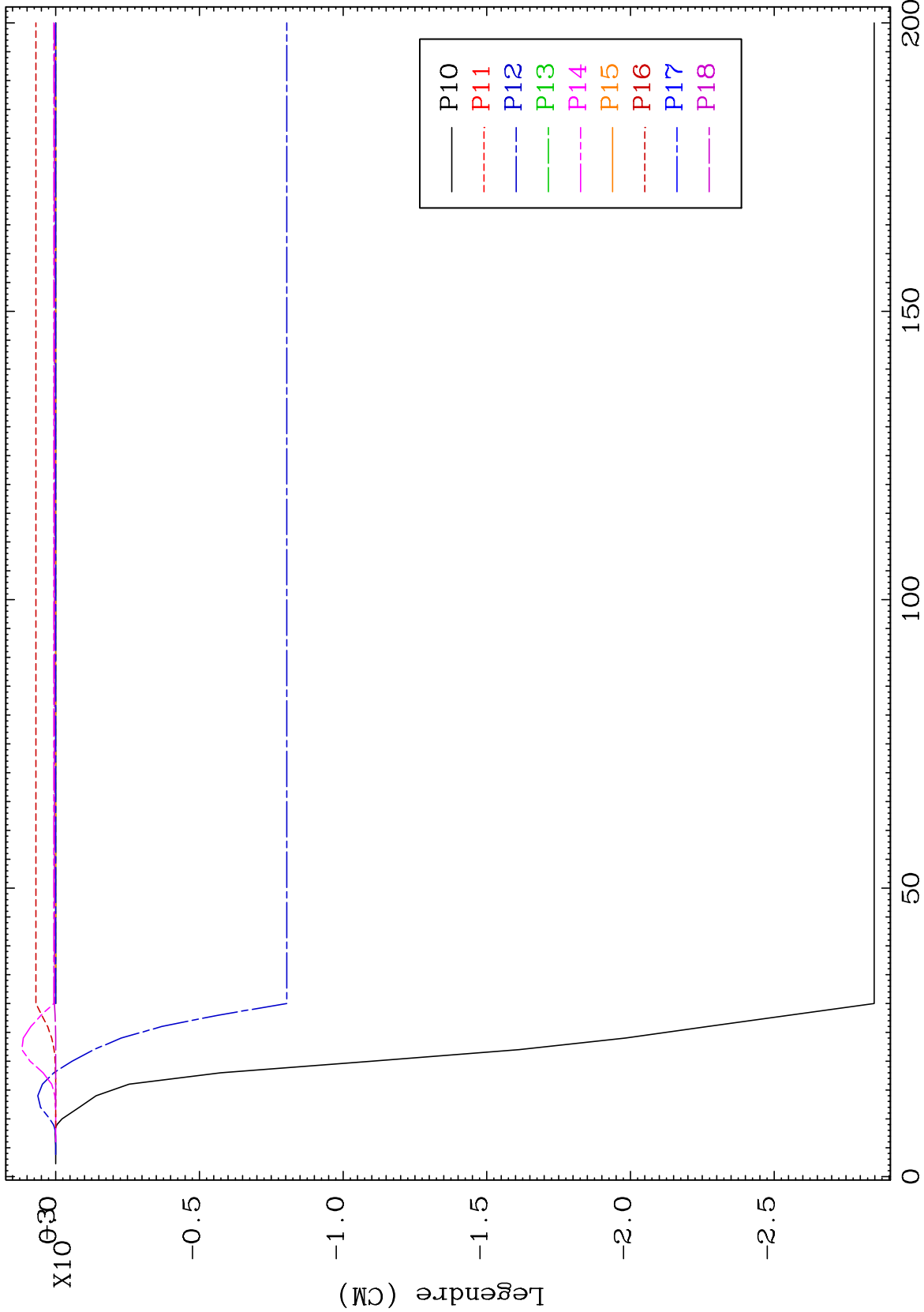


23

39-Y -89



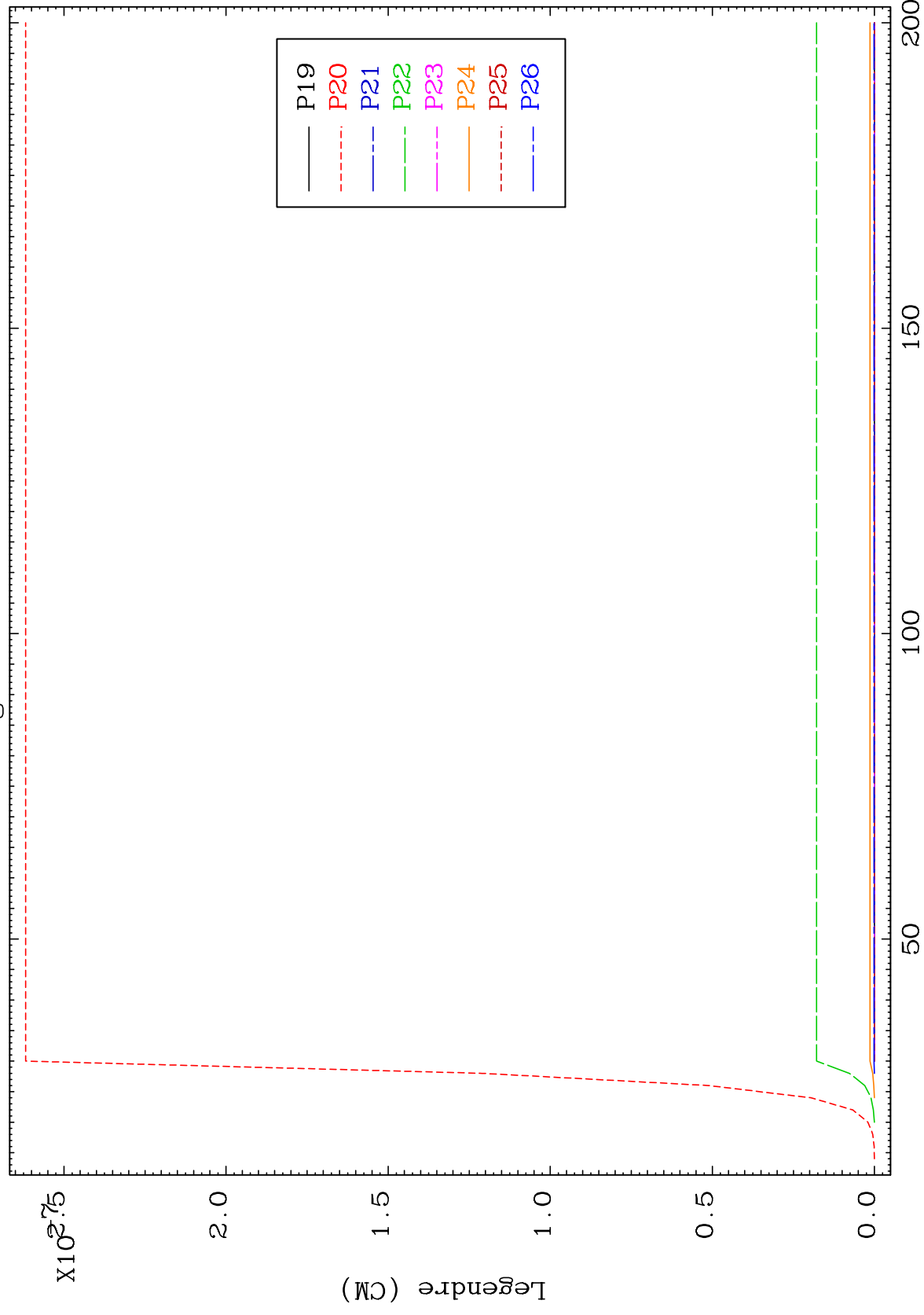




MAT 3925

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

39-Y -89



39-Y -89

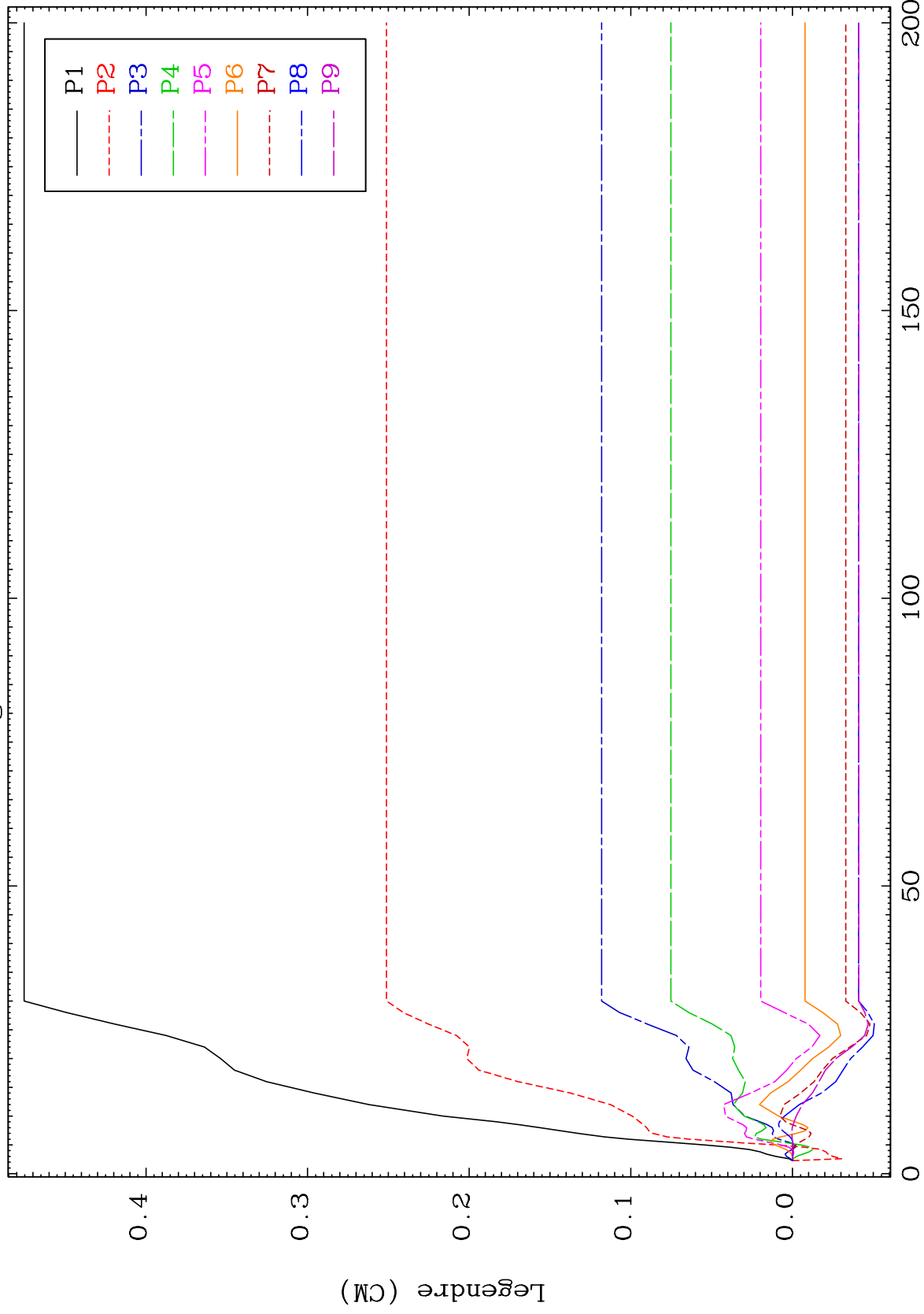
Incident Energy (MeV)

27

MAT 3925

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

39-Y -89



28

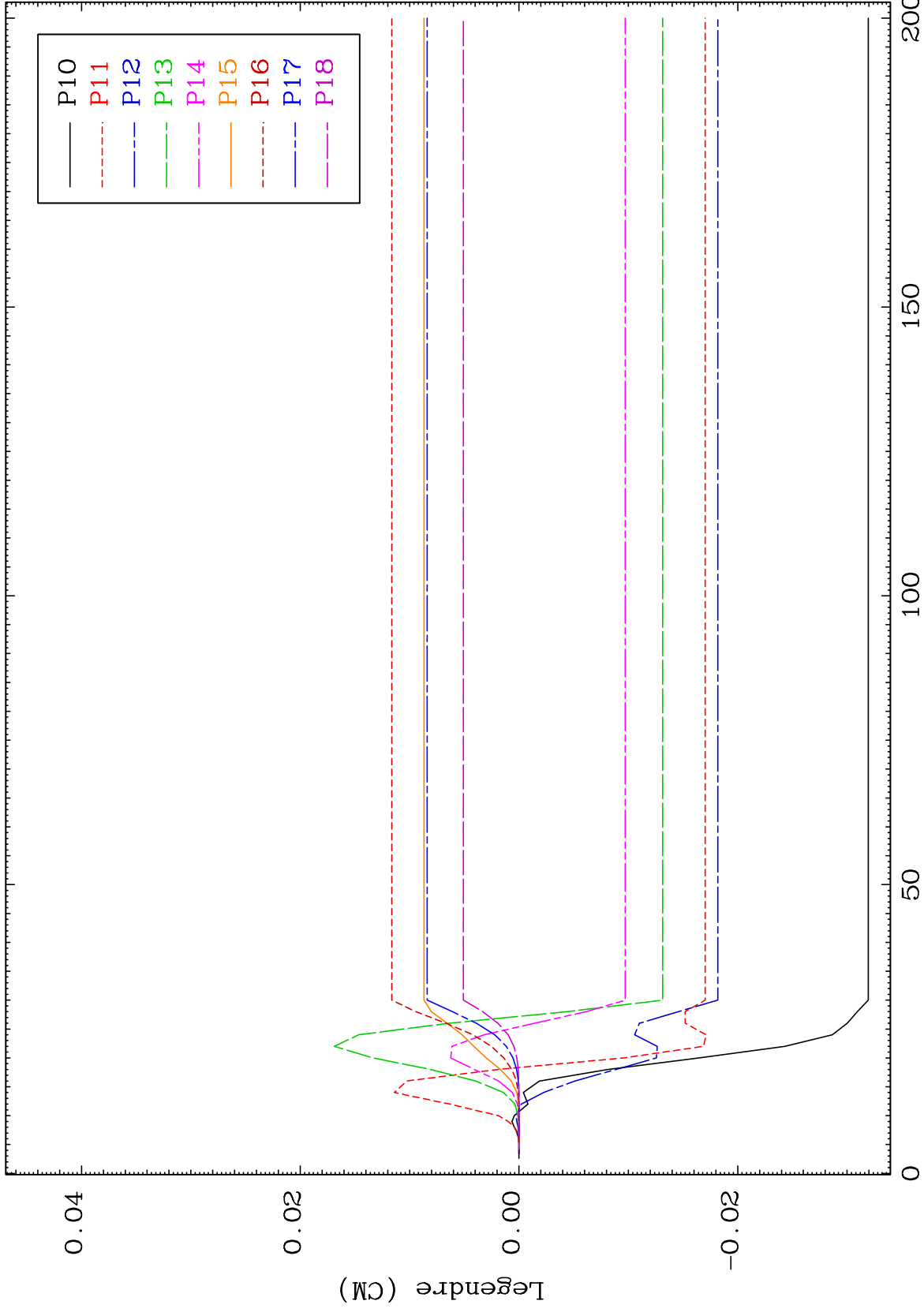
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



29

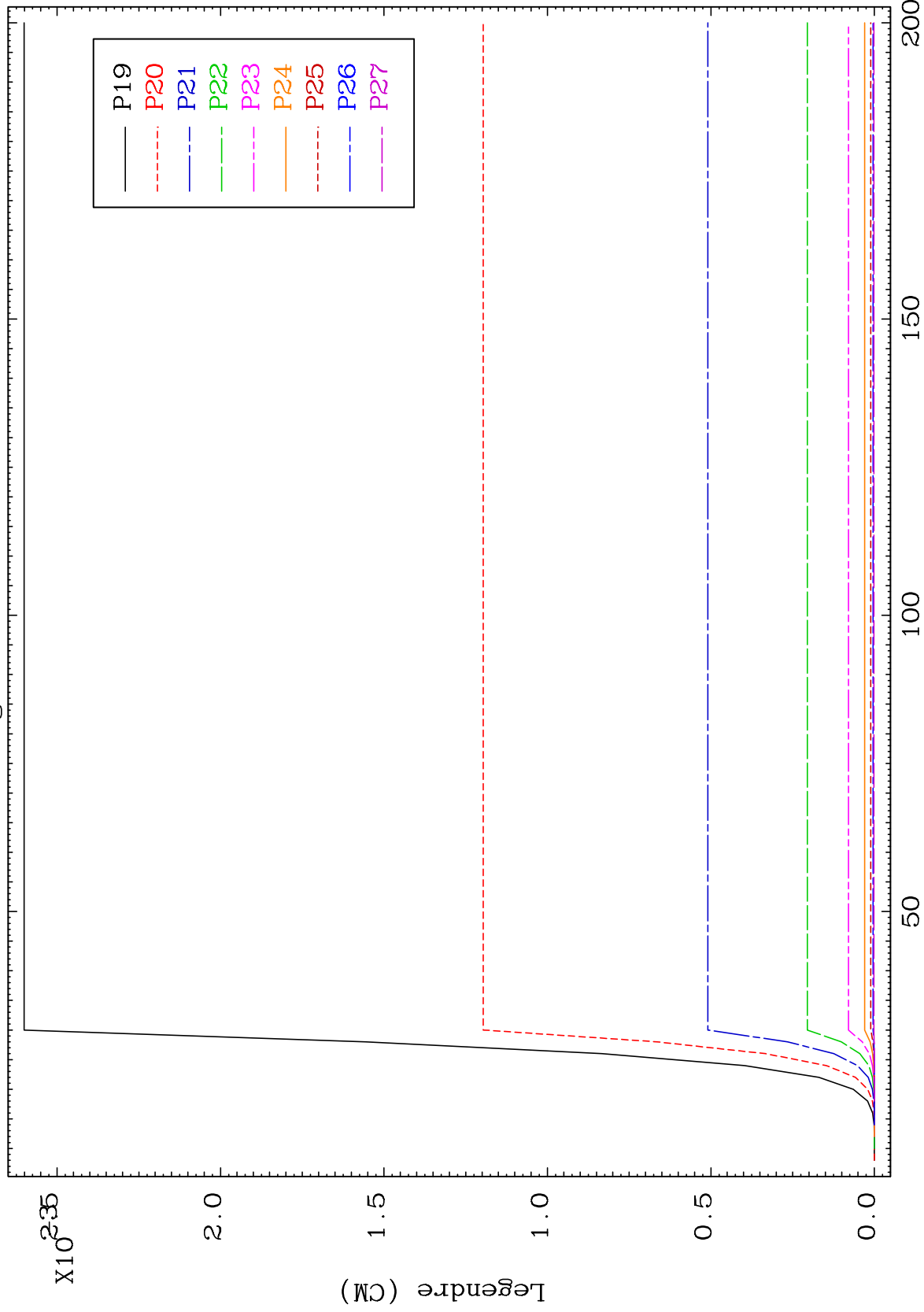
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



30

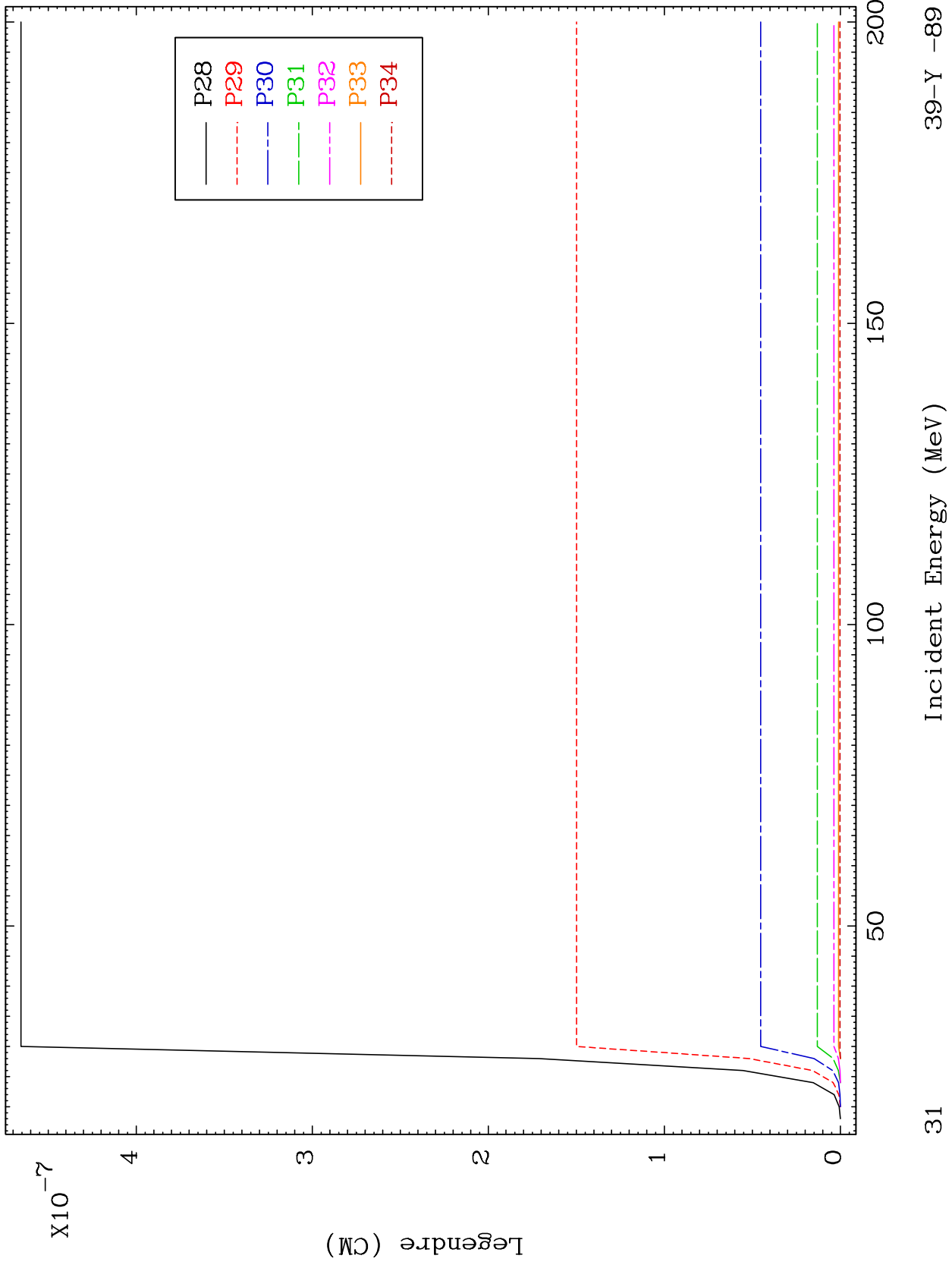
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



31

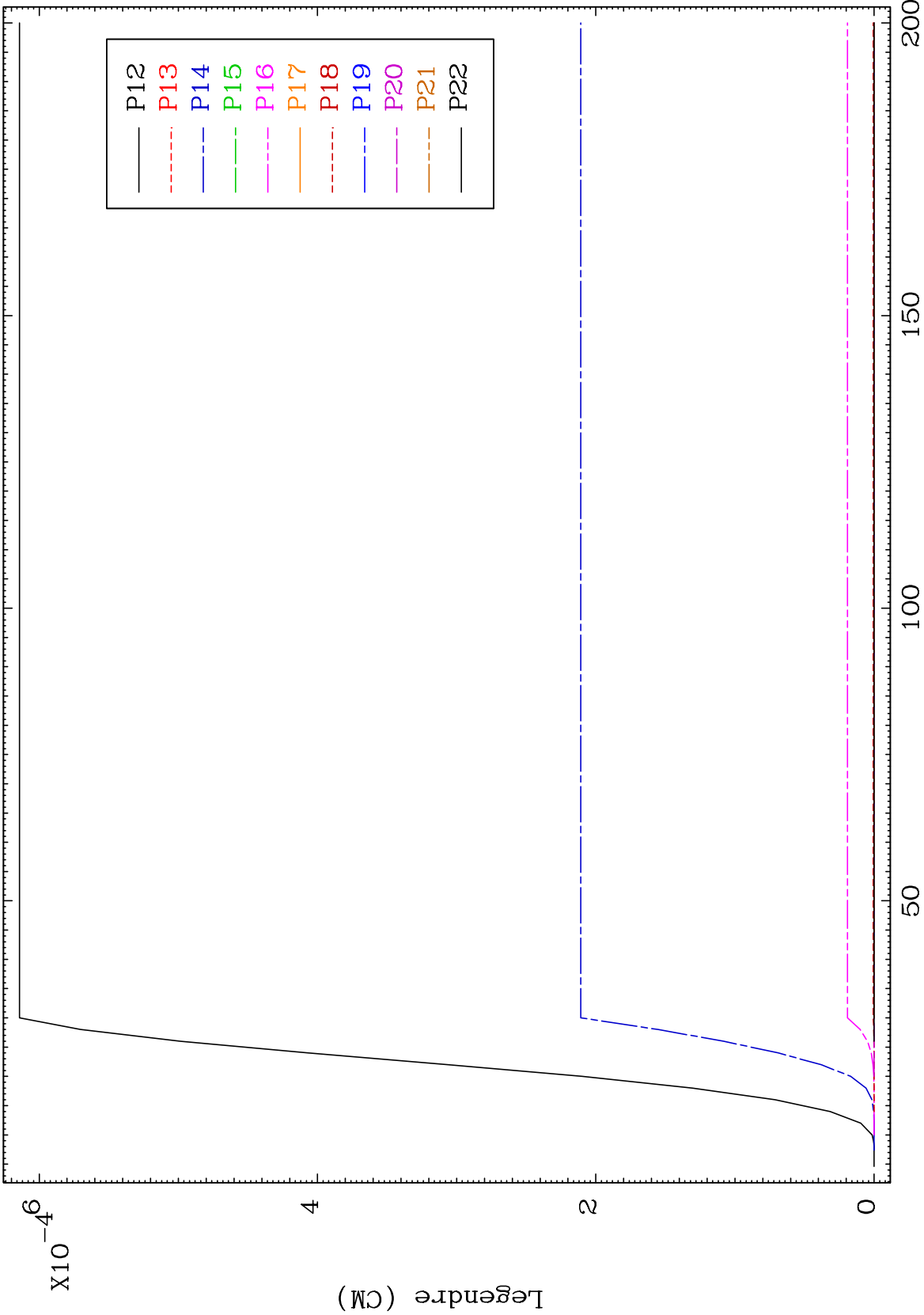
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



33

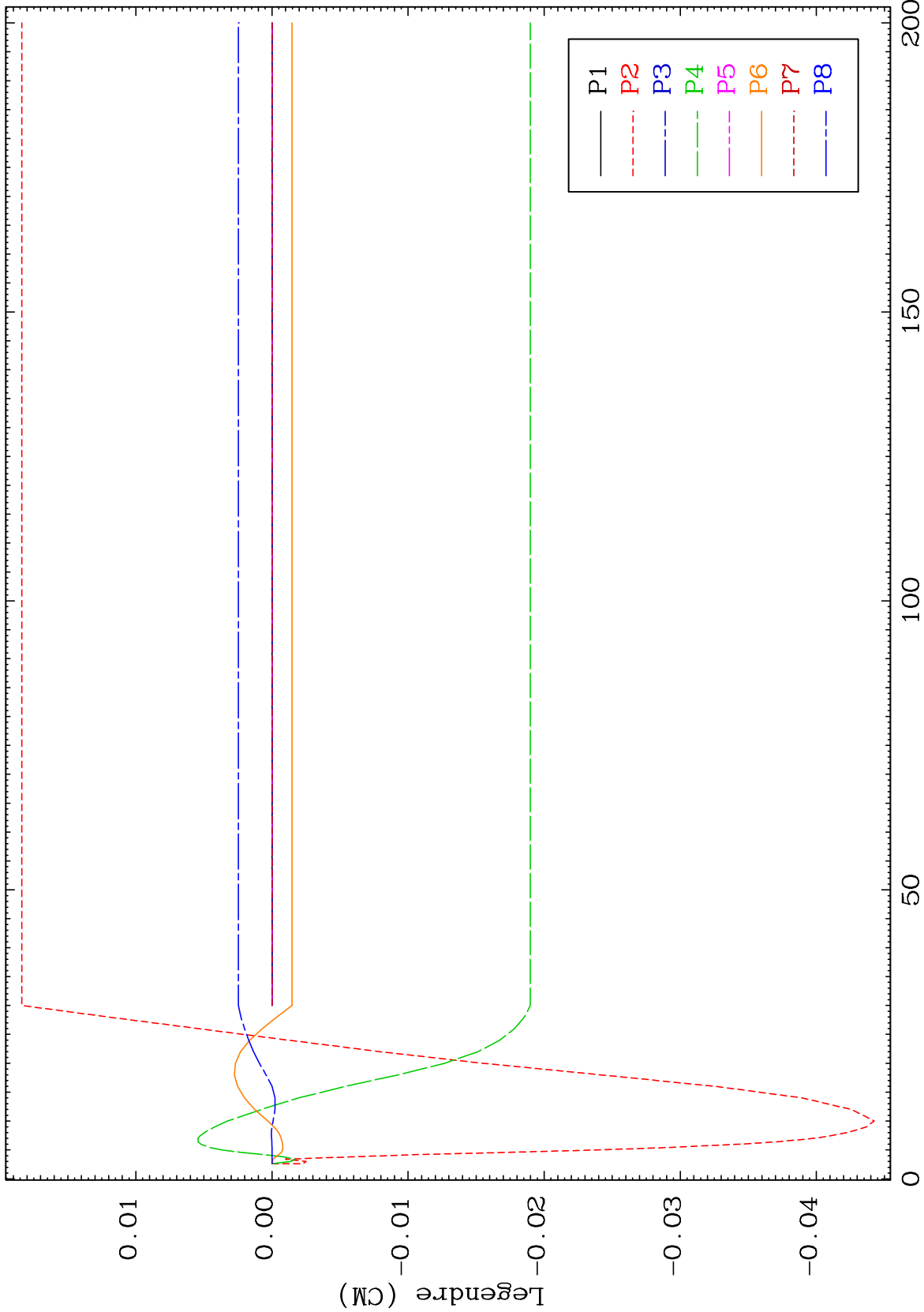
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



34

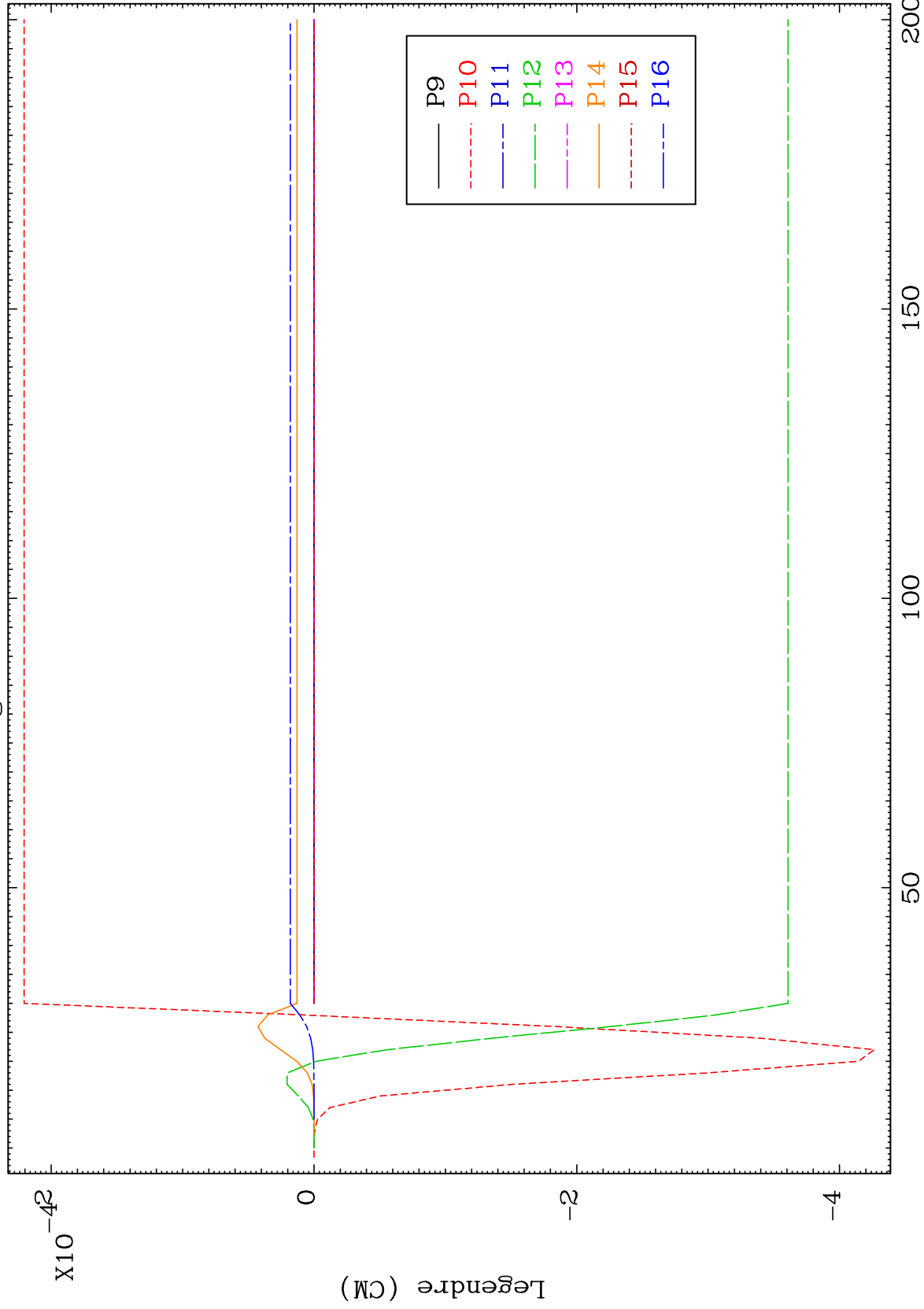
Incident Energy (MeV)

39-Y -89

MAT 3925

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

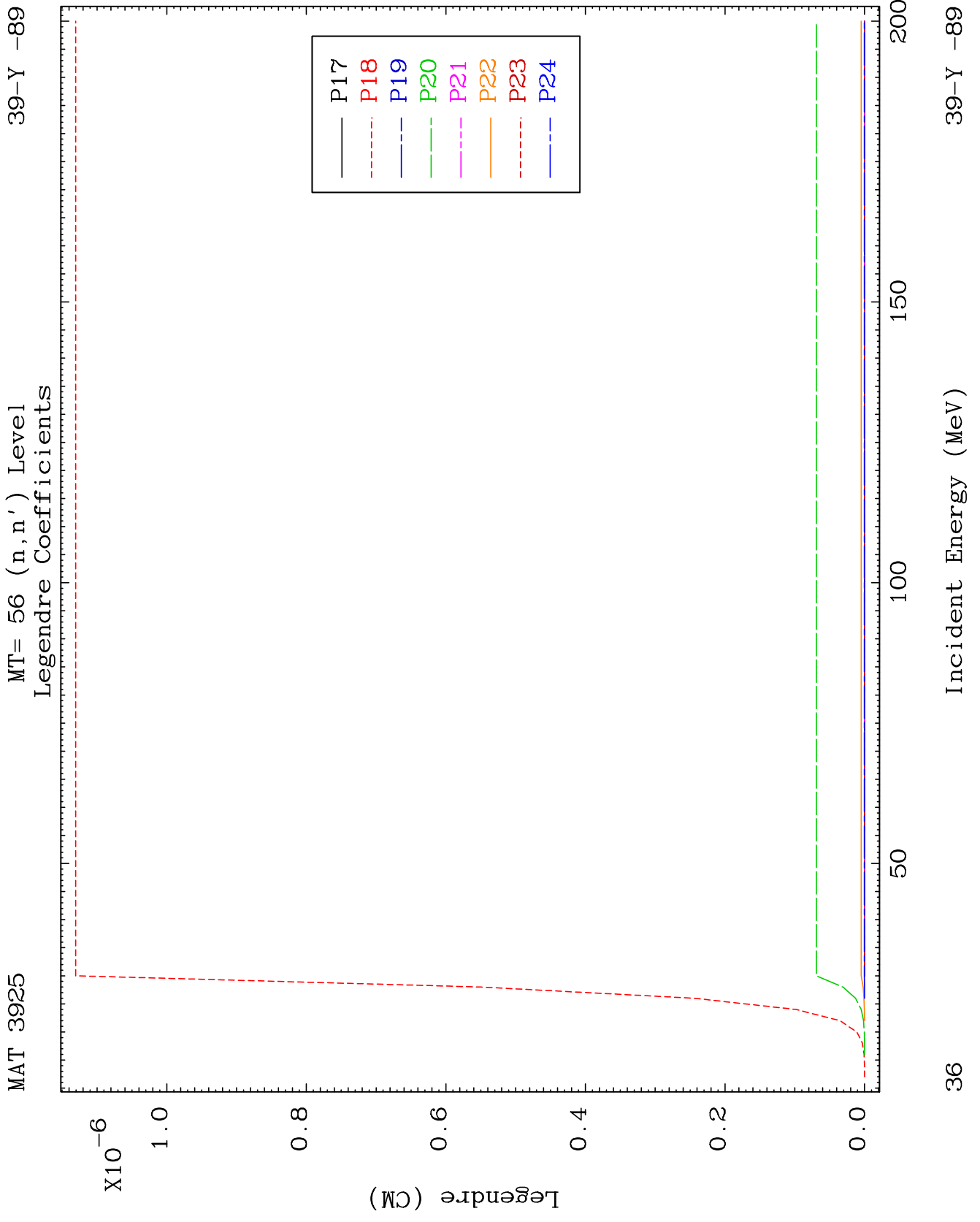
39-Y -89



35

Incident Energy (MeV)

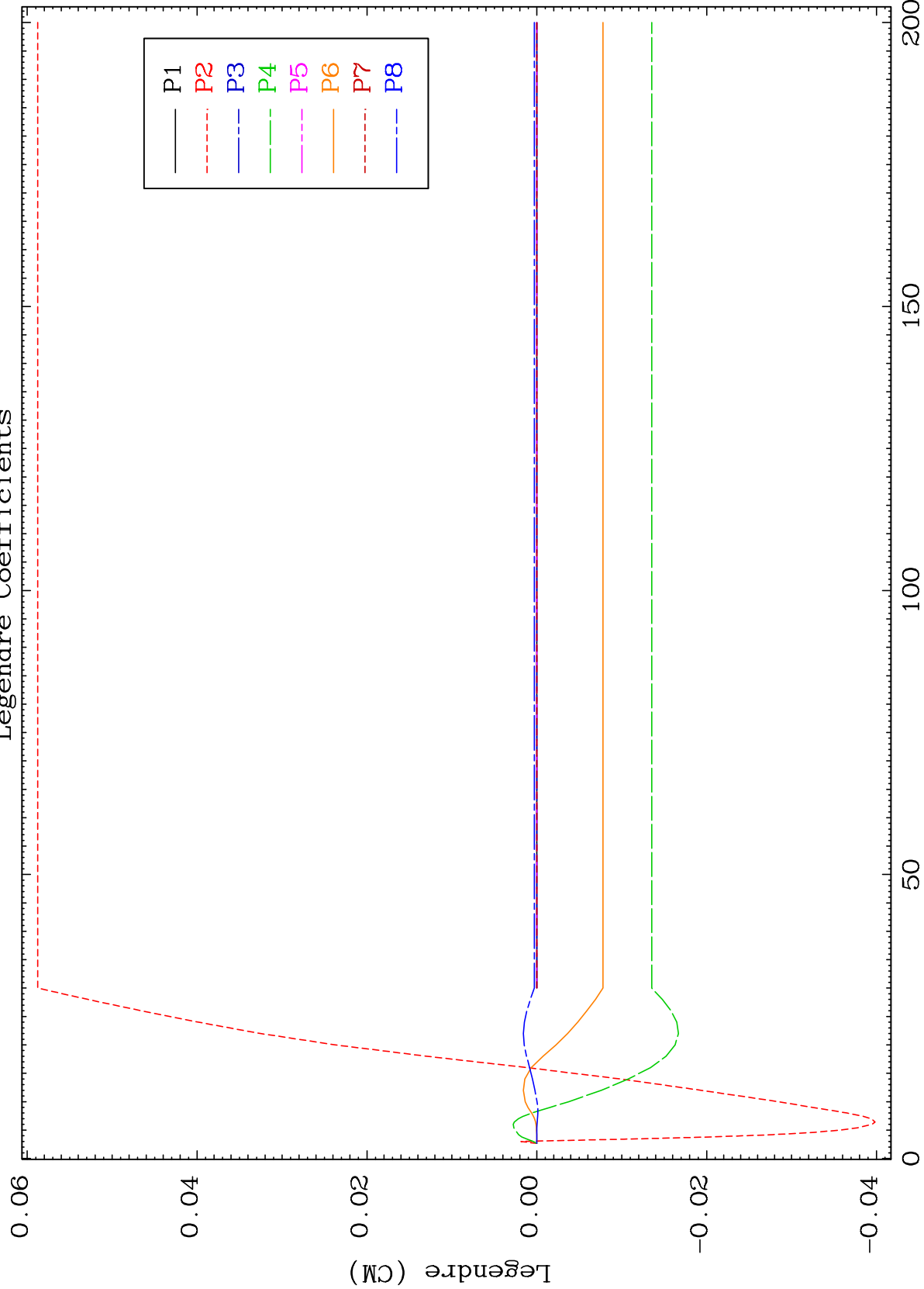
39-Y -89



MAT 3925

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

39-Y -89



37

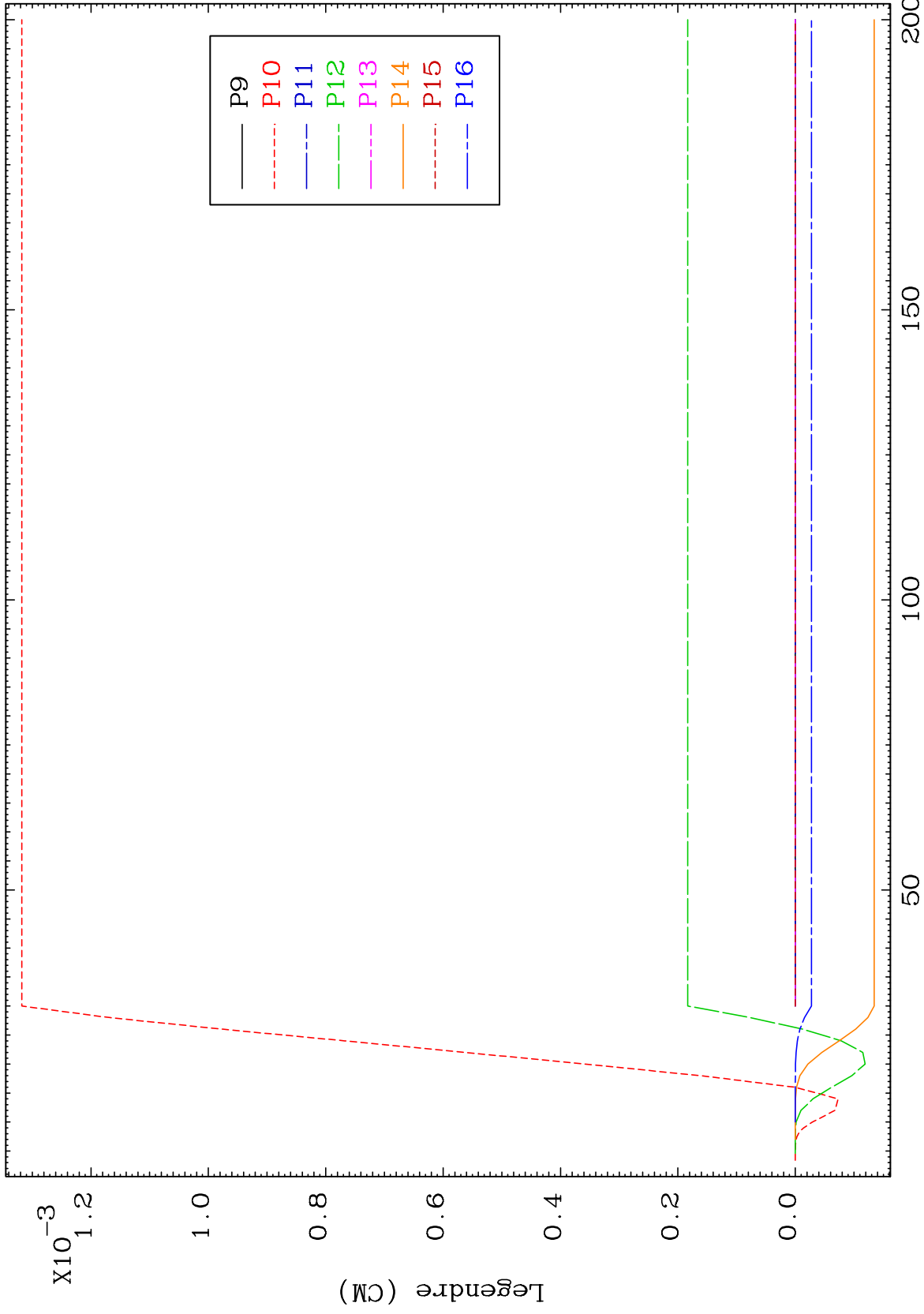
Incident Energy (MeV)

39-Y -89

MAT 3925

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

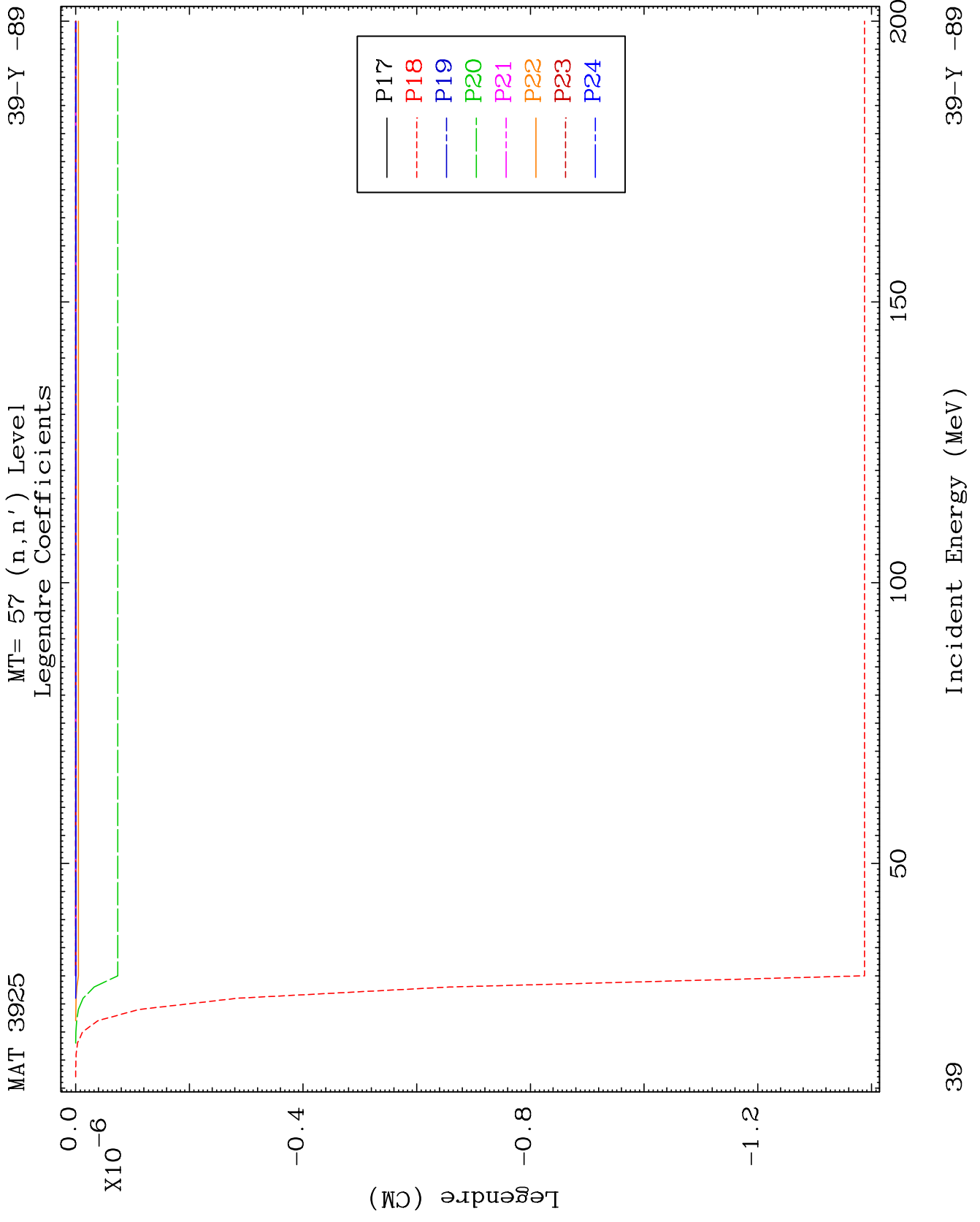
39-Y -89



38

Incident Energy (MeV)

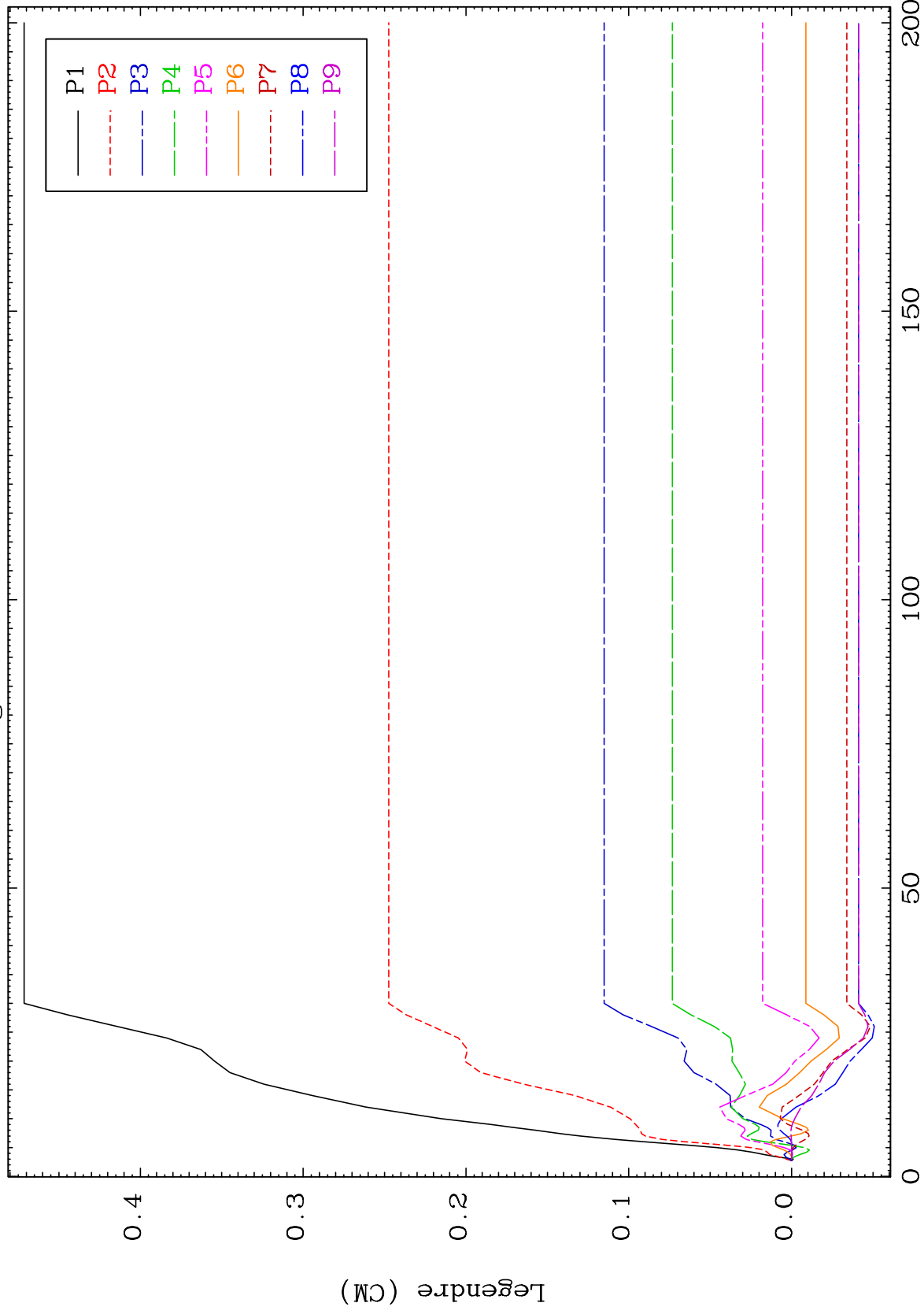
39-Y -89



MAT 3925

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

39-Y -89



40

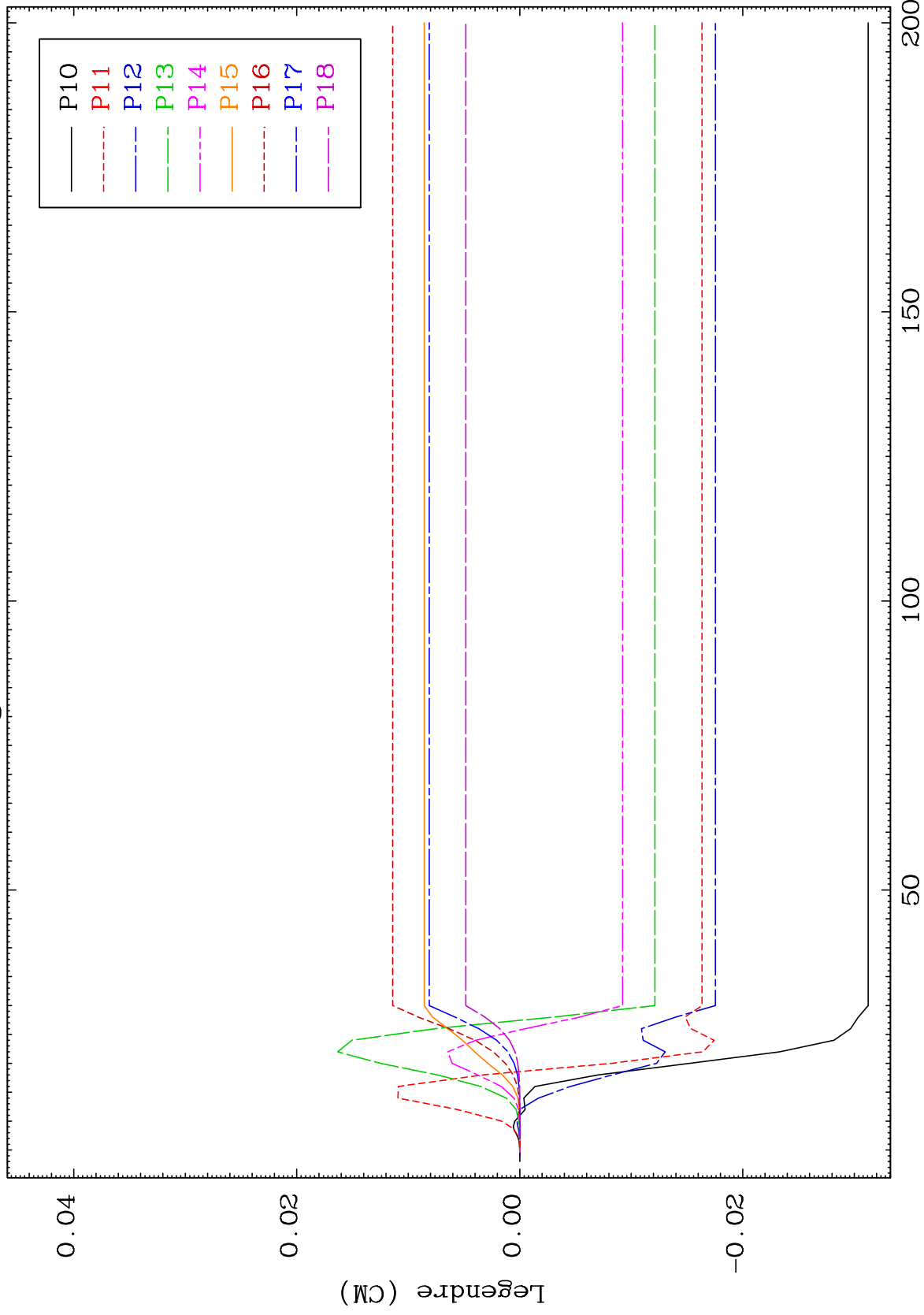
Incident Energy (MeV)

39-Y -89

MAT 3925

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

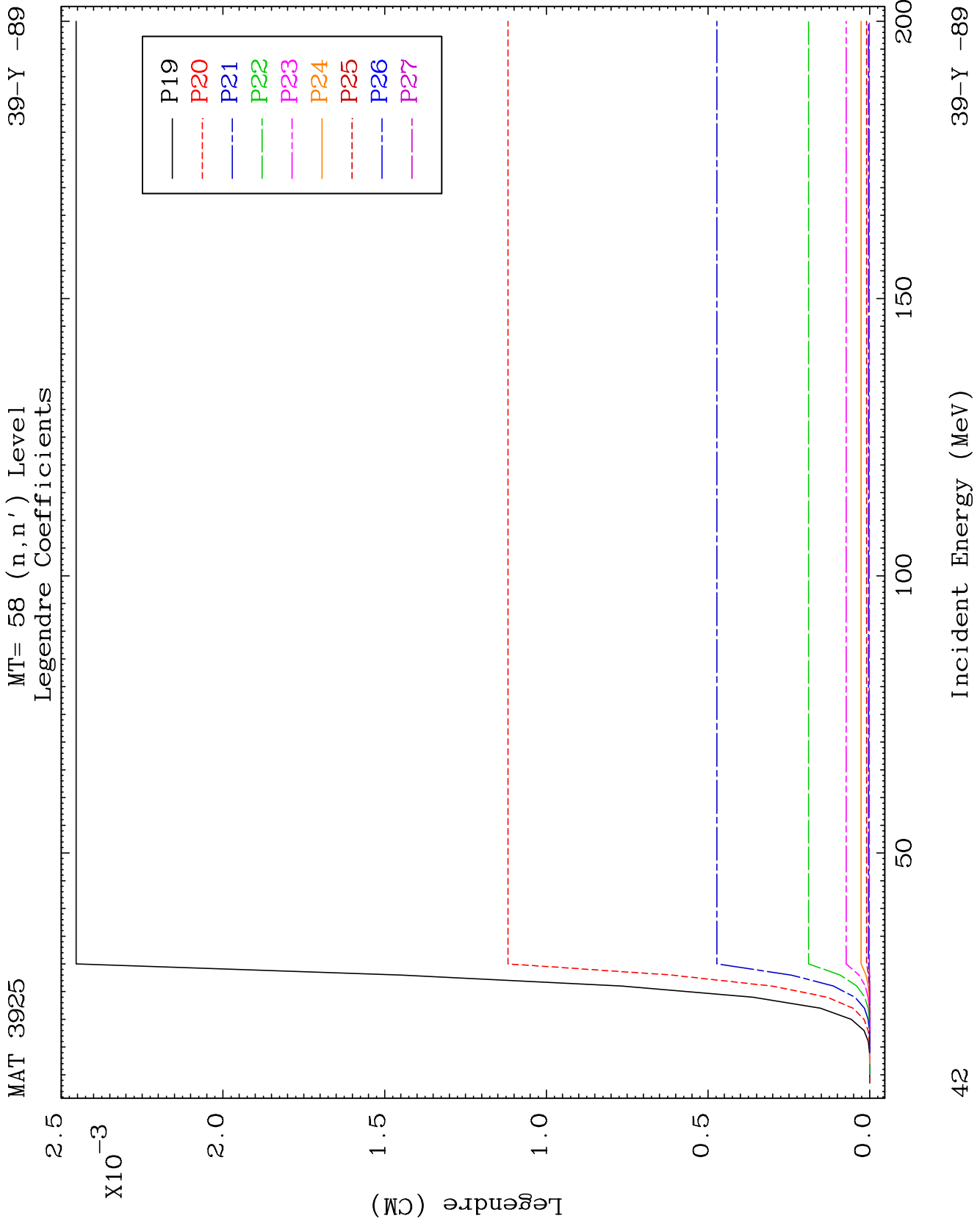
39-Y -89



41

Incident Energy (MeV)

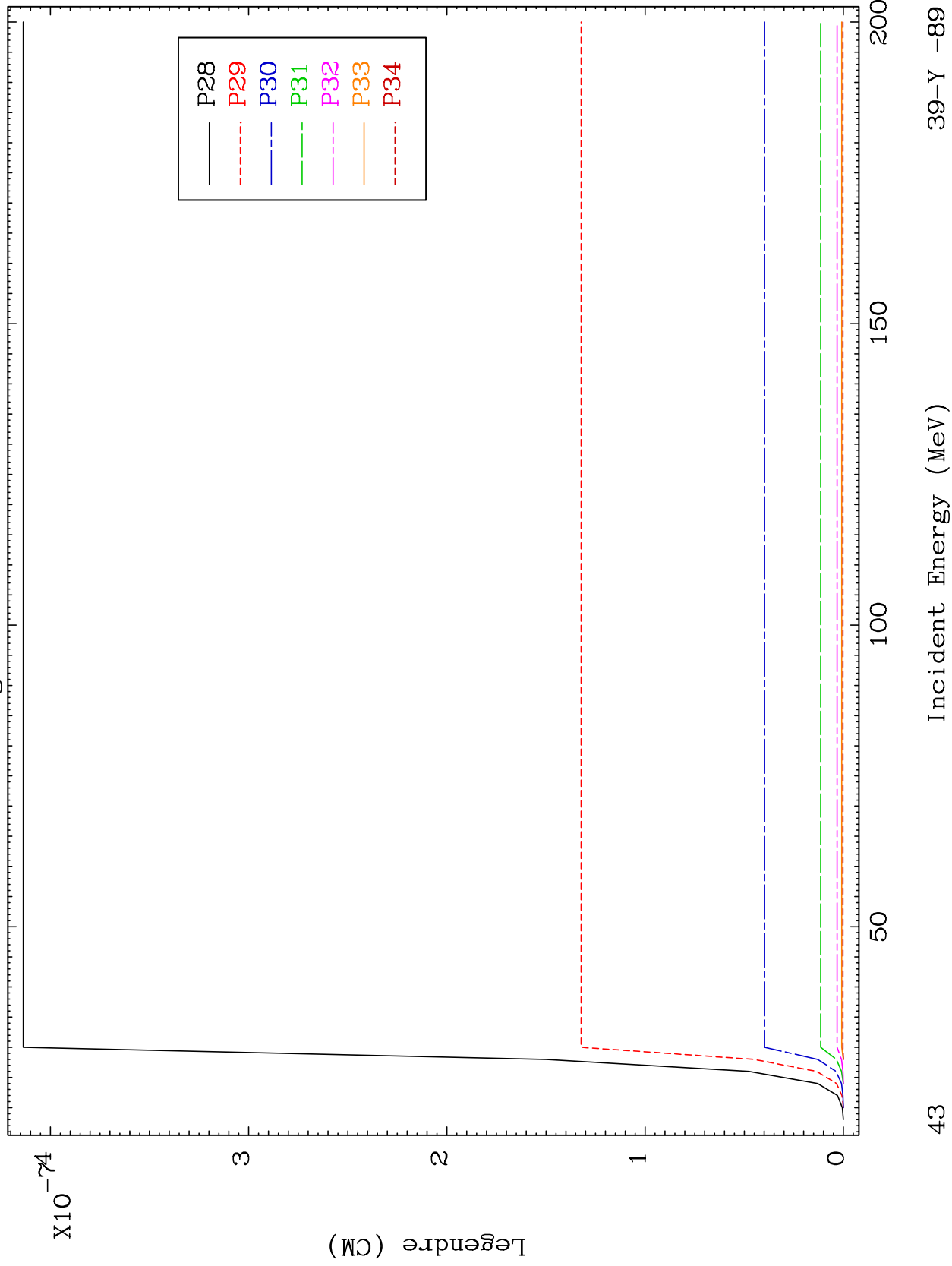
39-Y -89



MAT 3925

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

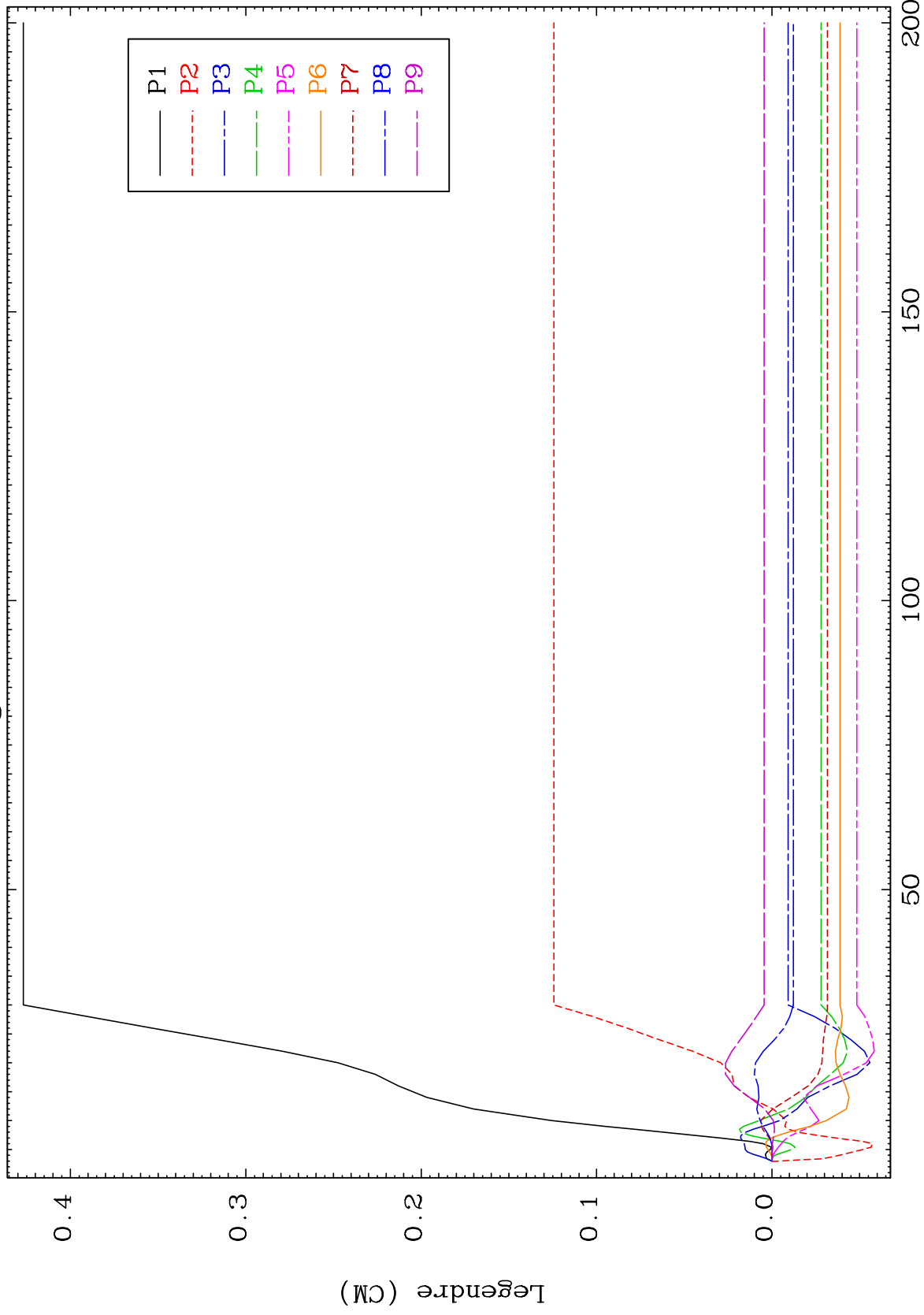
39-Y -89



MAT 3925

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

39-Y -89



44

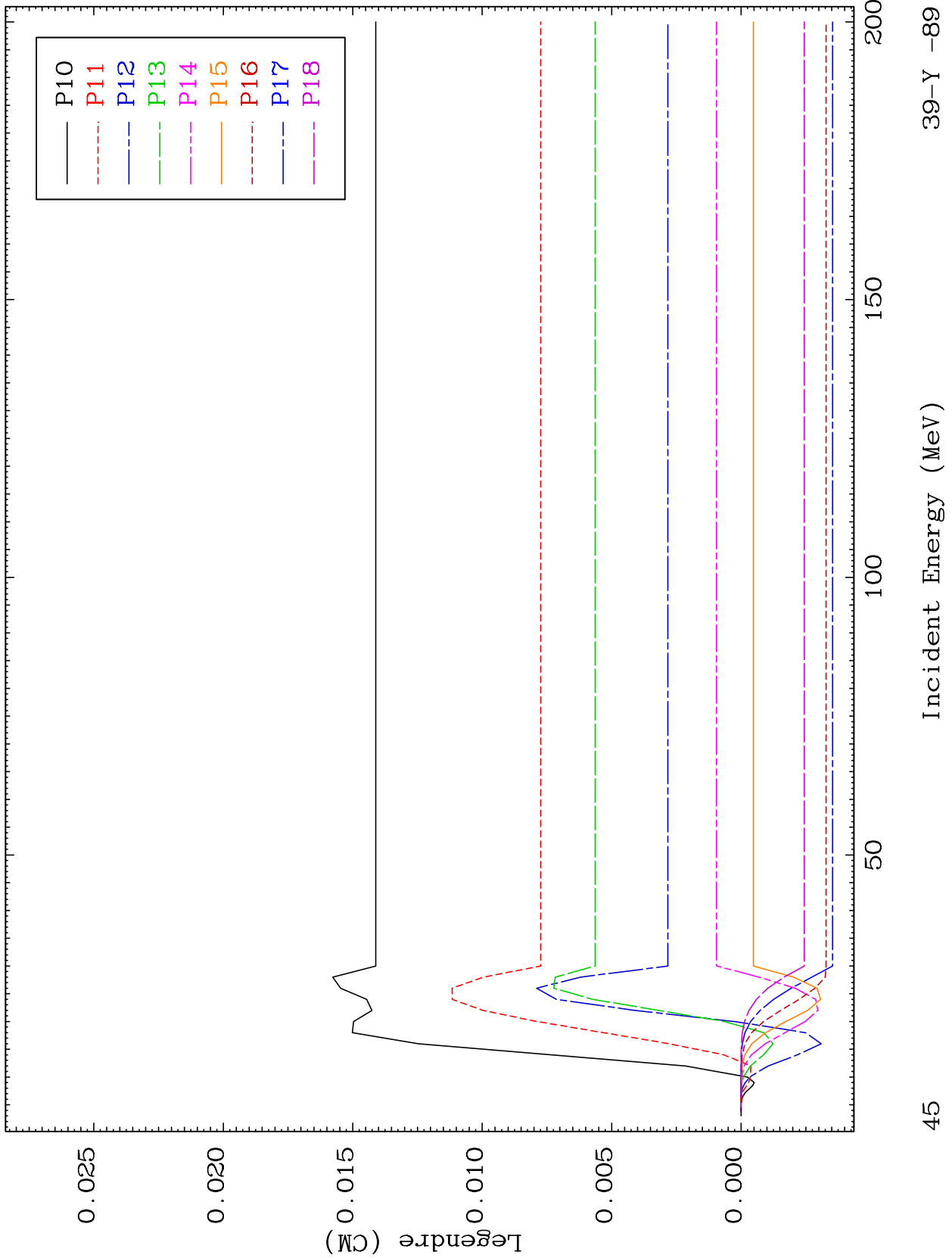
Incident Energy (MeV)

39-Y -89

MAT 3925

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

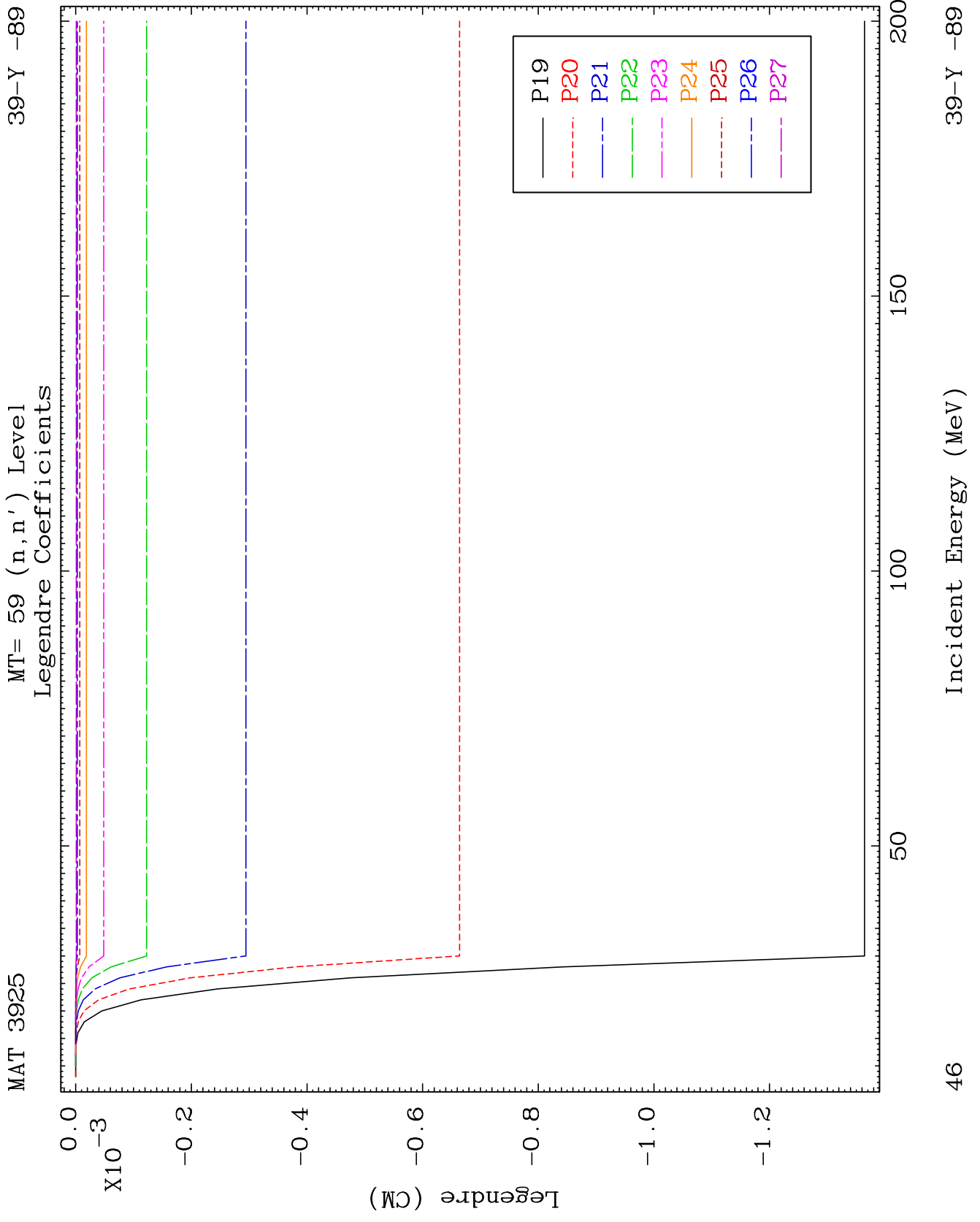
39-Y -89



45

Incident Energy (MeV)

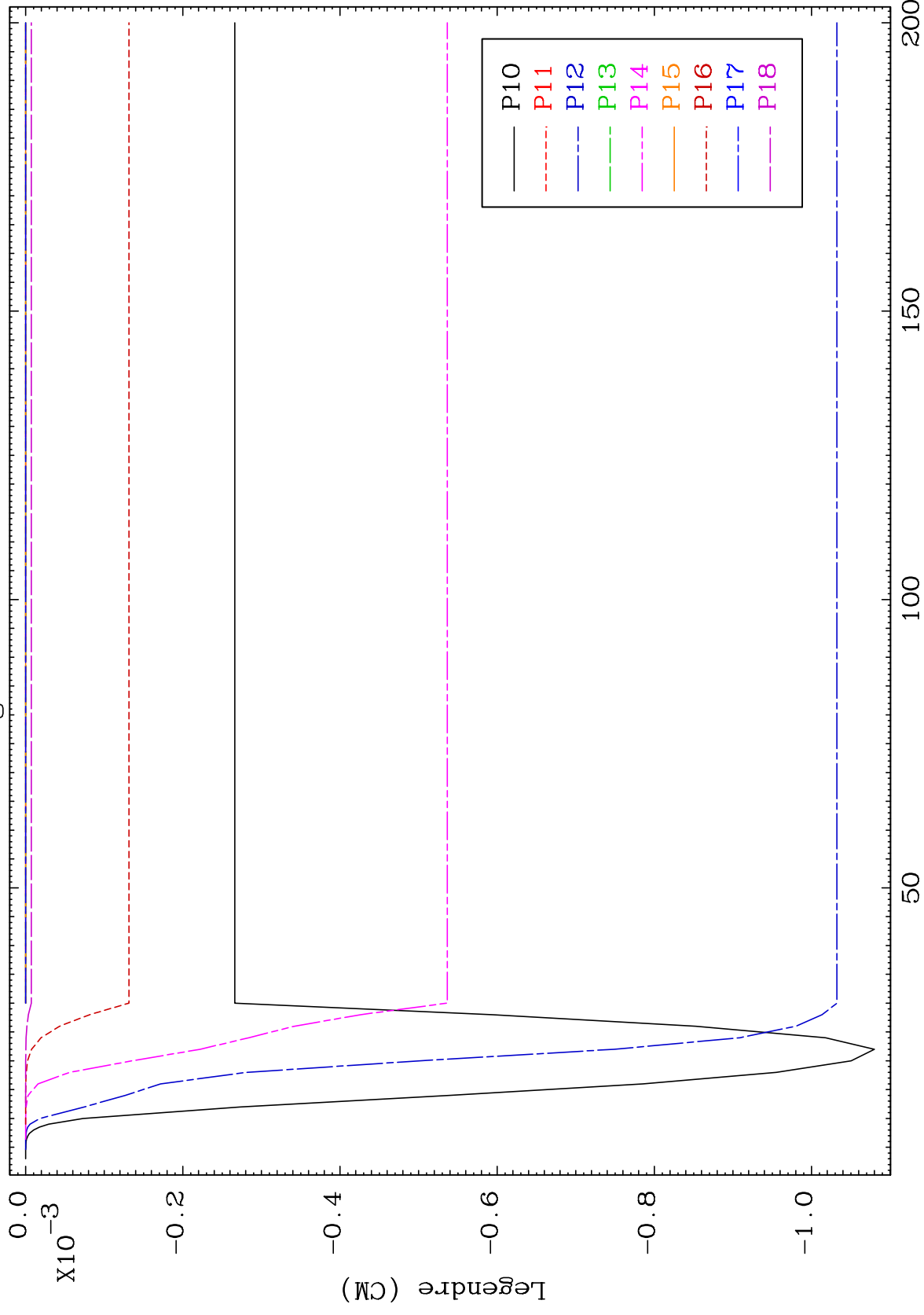
39-Y -89



MAT 3925

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

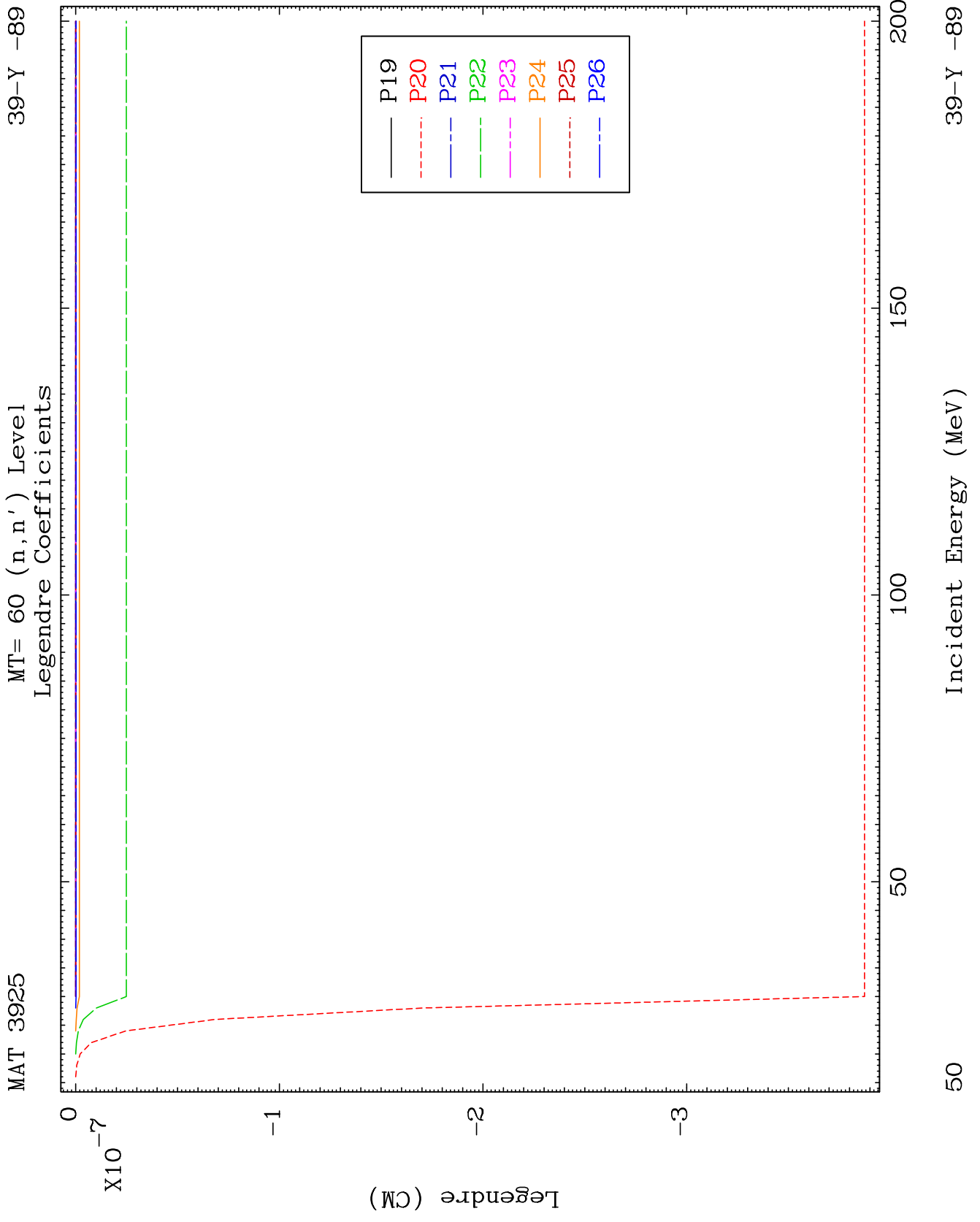
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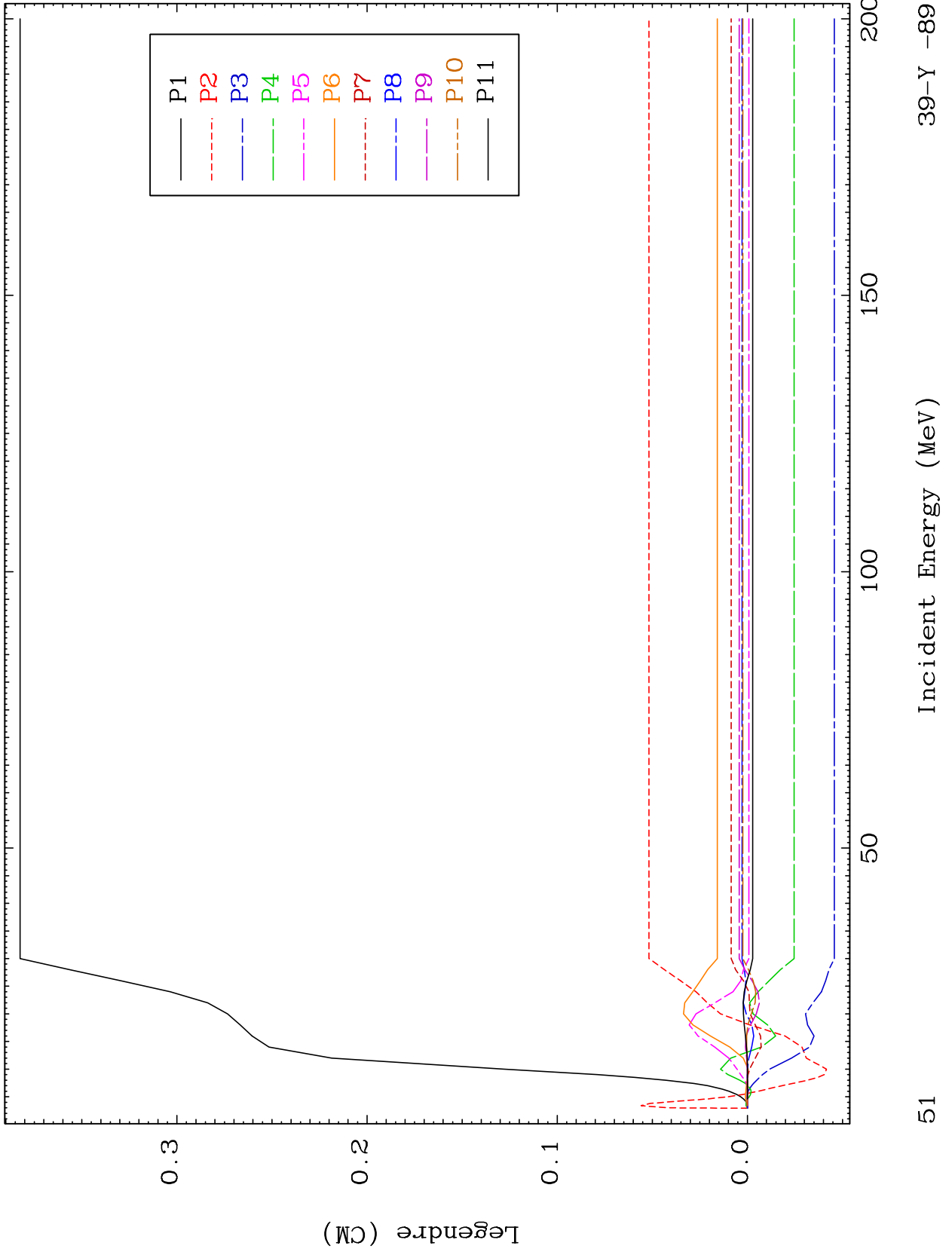


49

Incident Energy (MeV)

39-Y -89

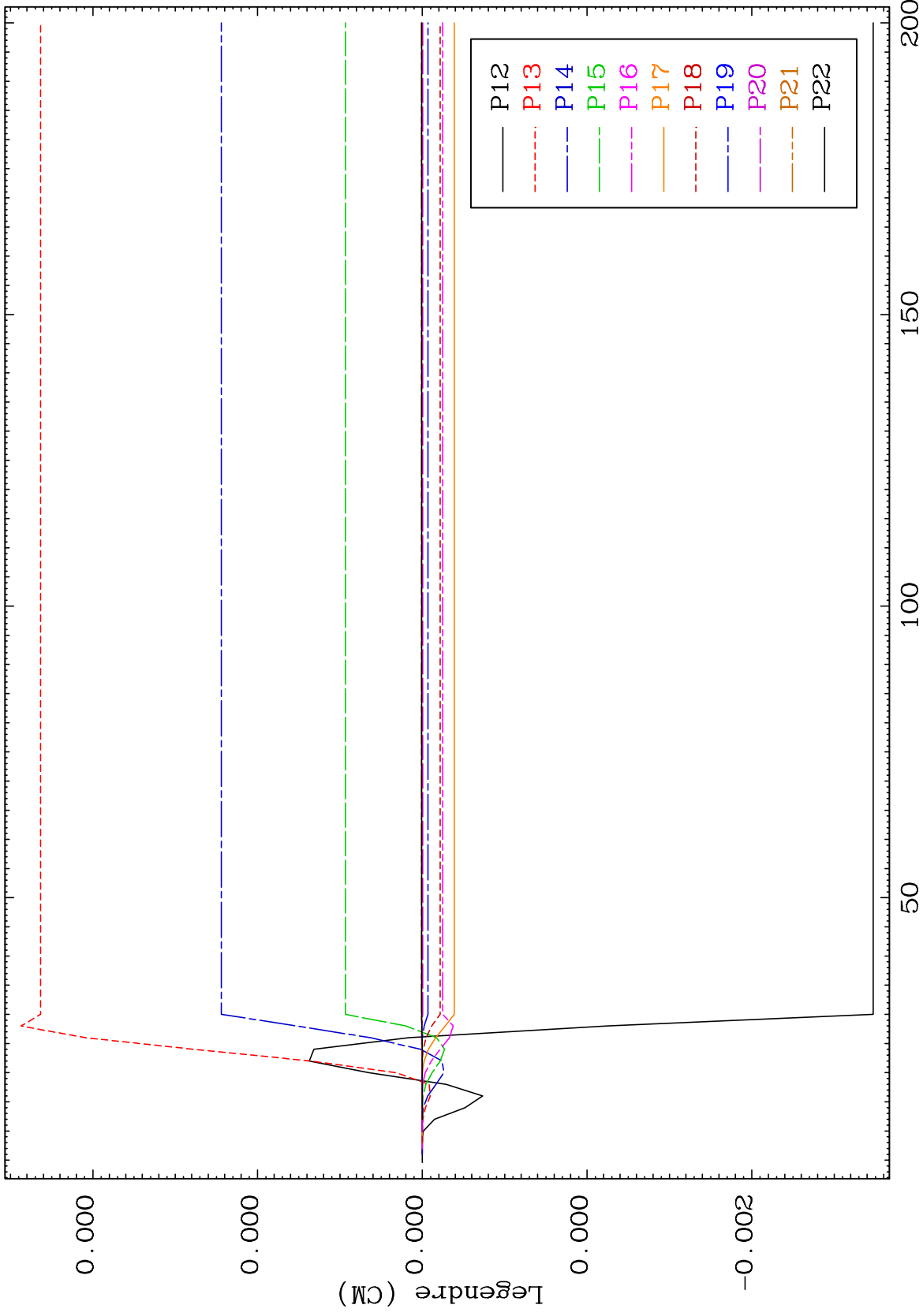




MAT 3925

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

39-Y -89



52

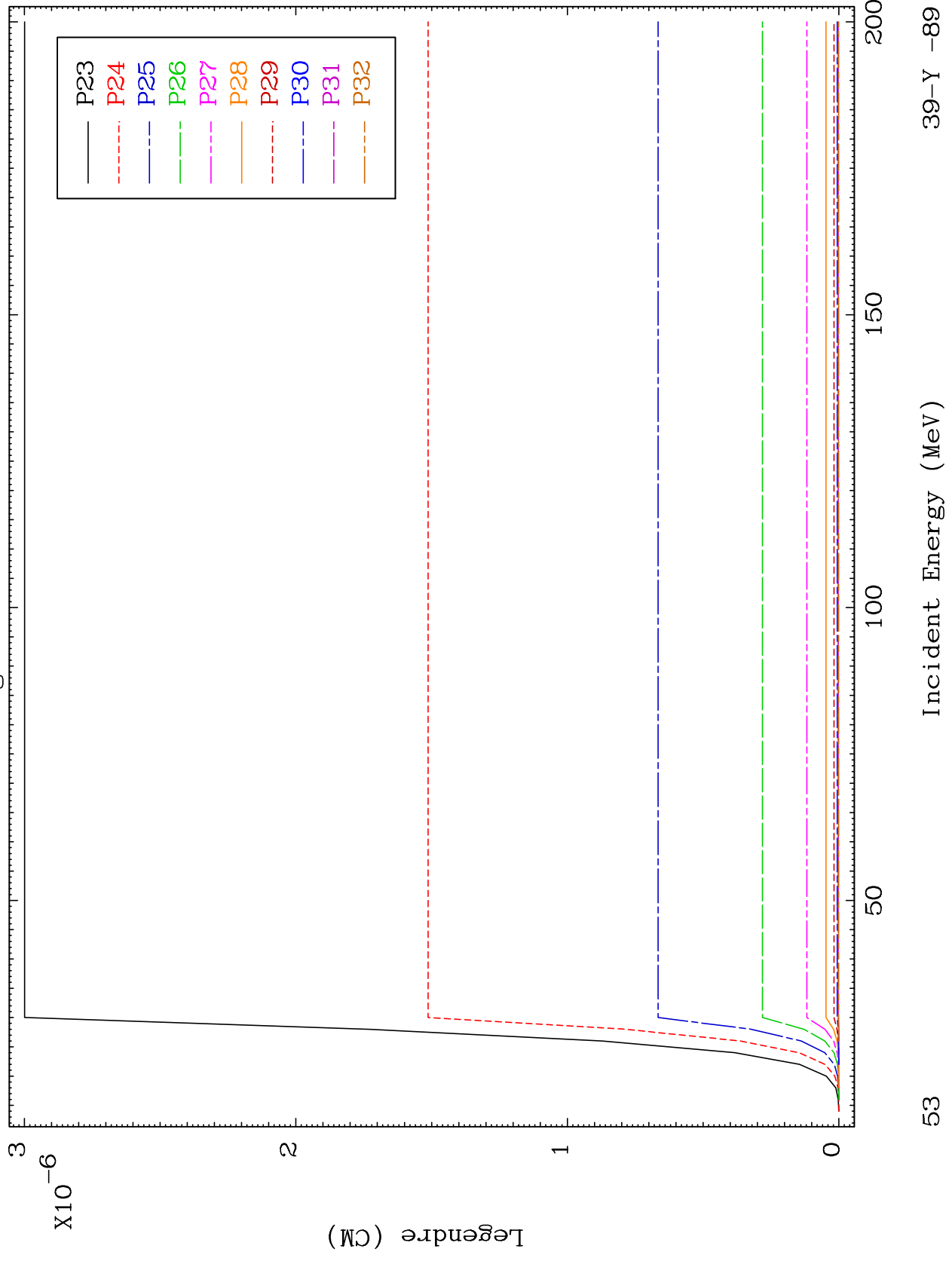
Incident Energy (MeV)

39-Y -89

MAT 3925

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

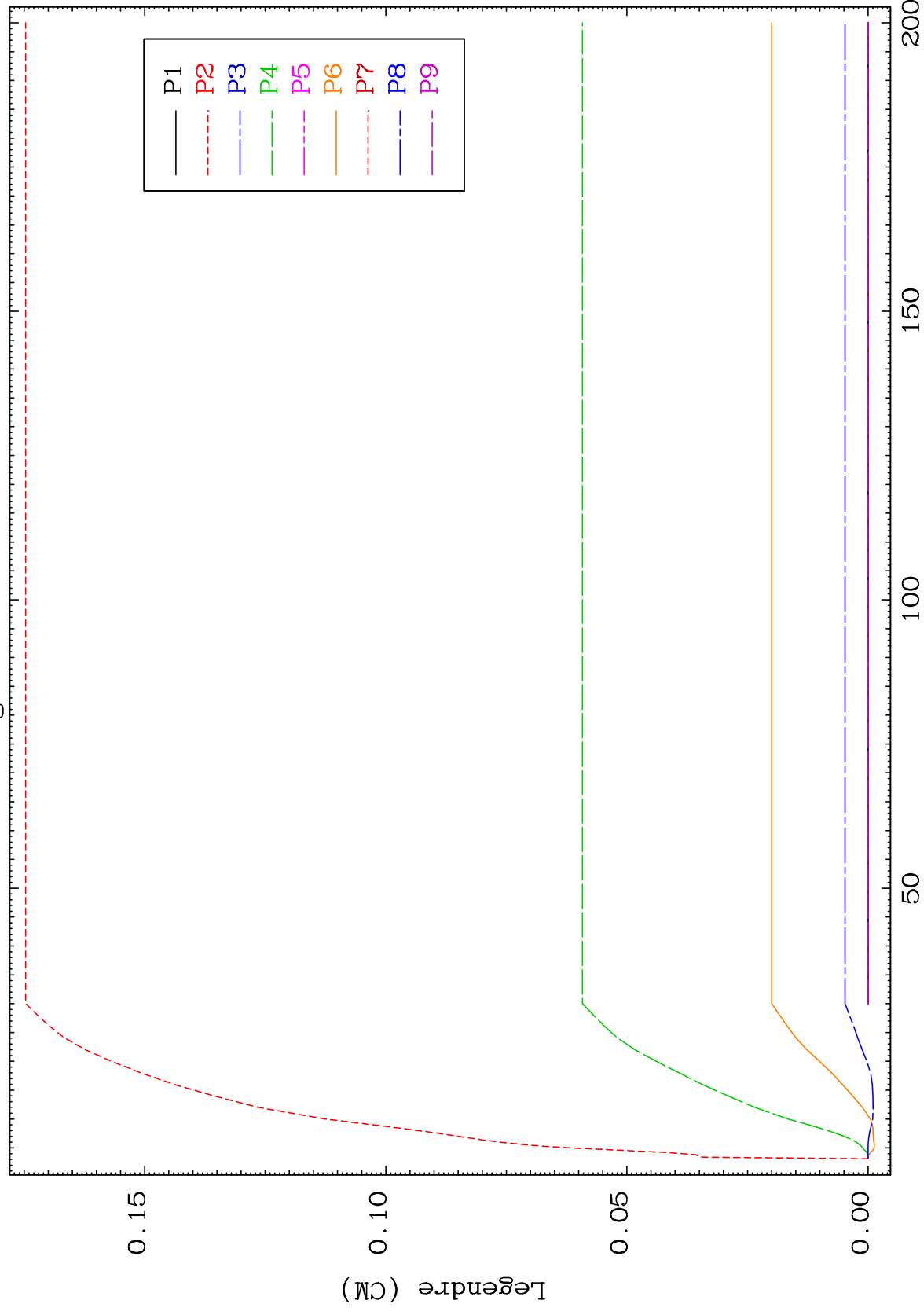
39-Y -89



39-Y -89

Incident Energy (MeV)

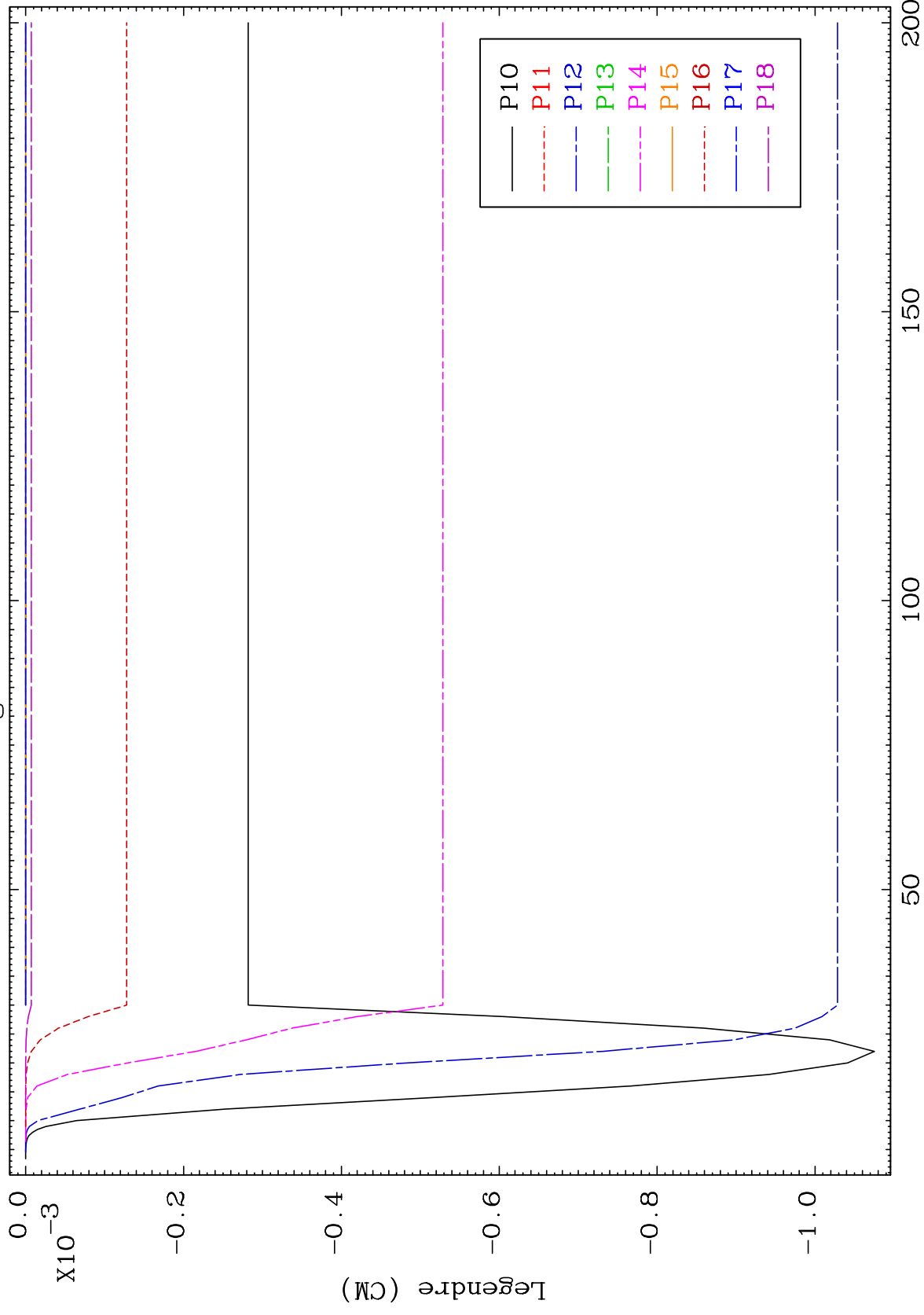
53



MAT 3925

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

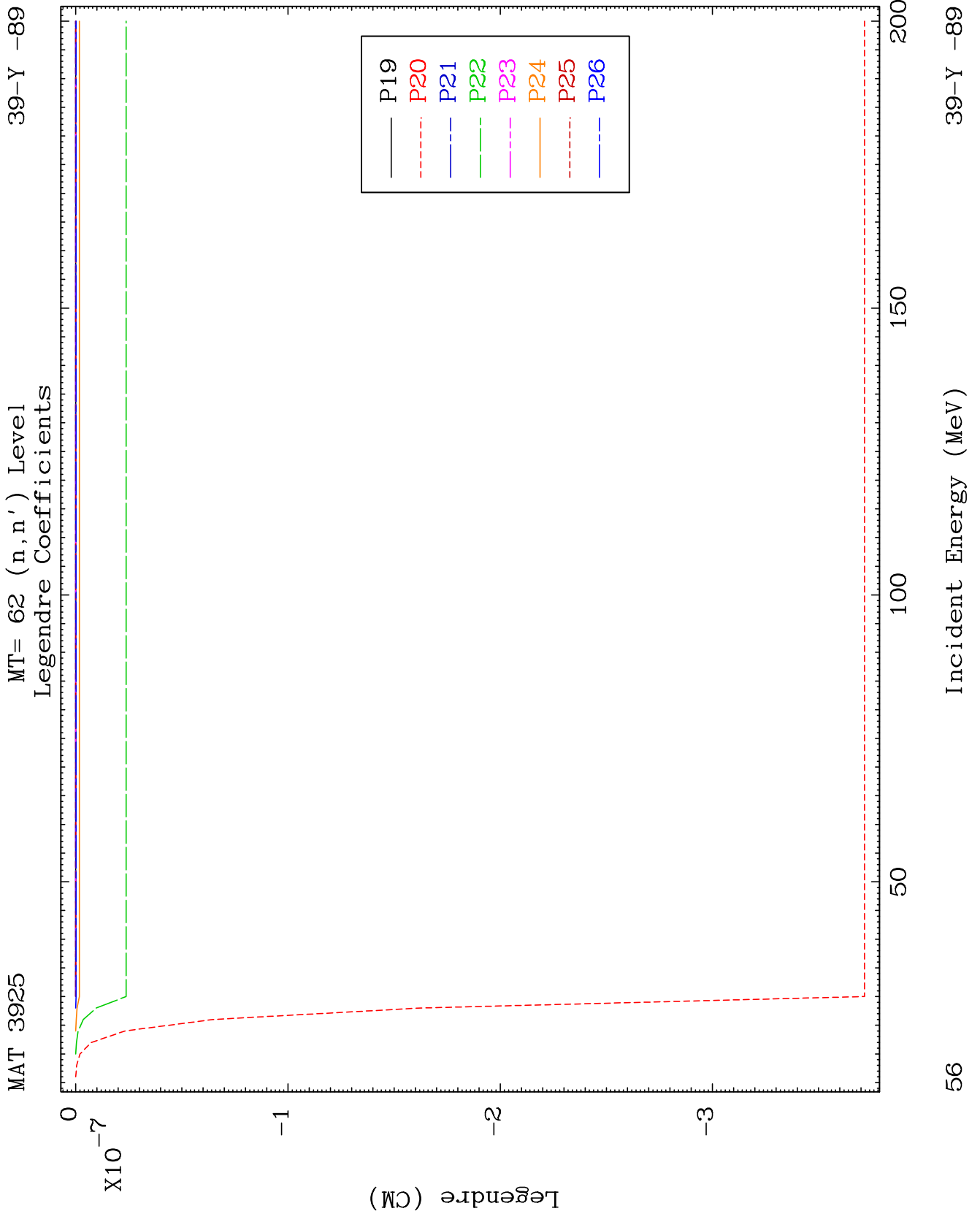
39-Y -89

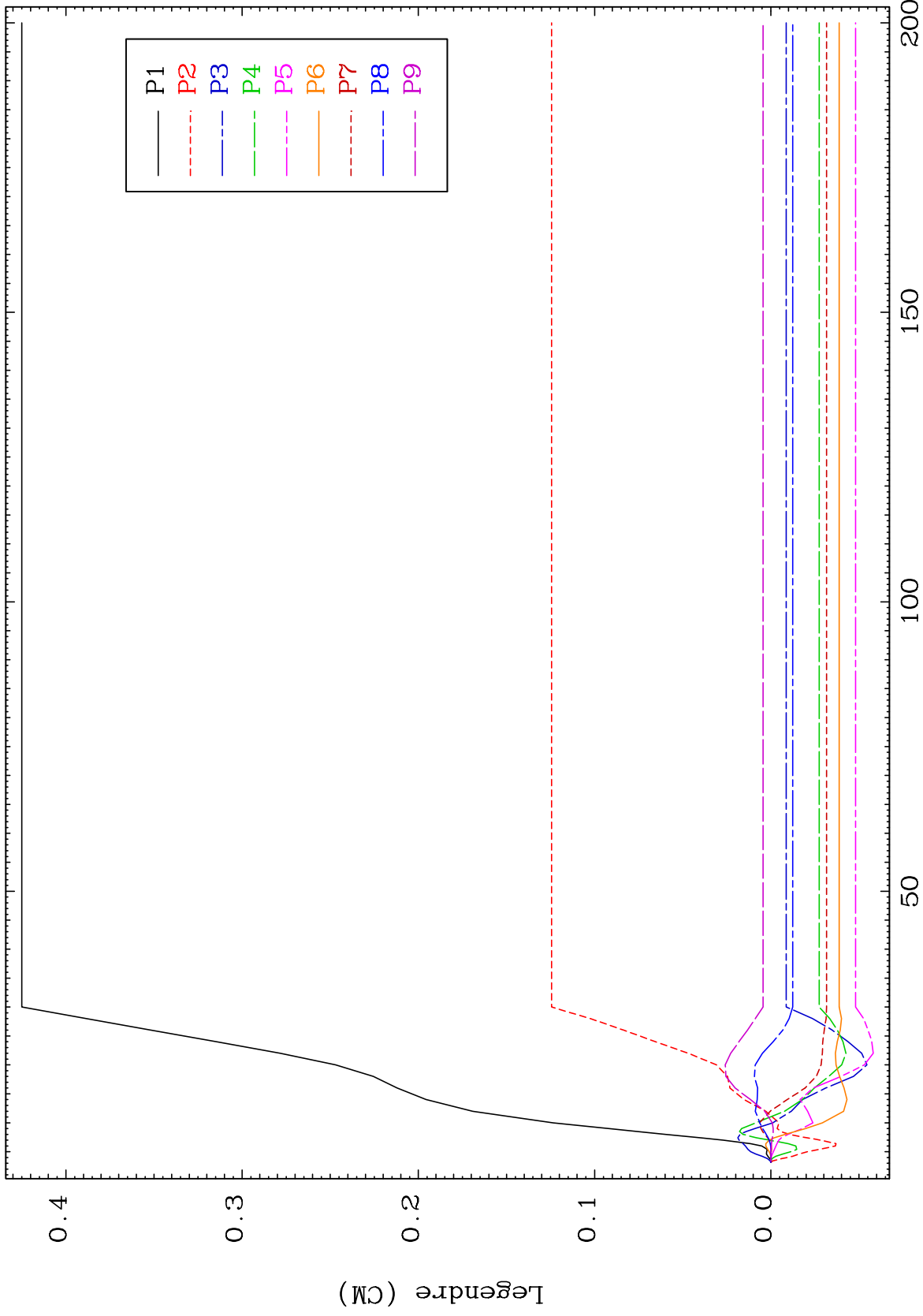


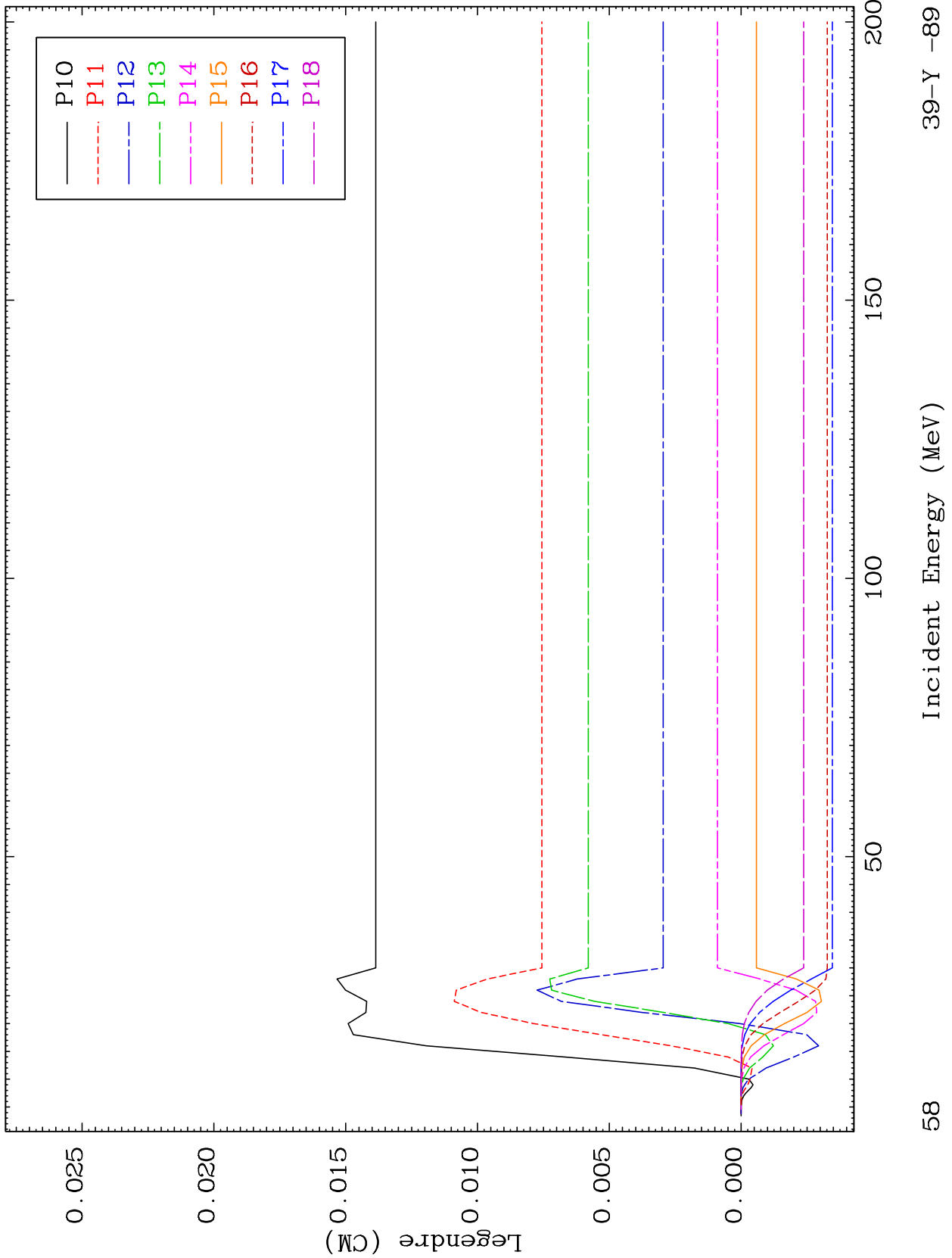
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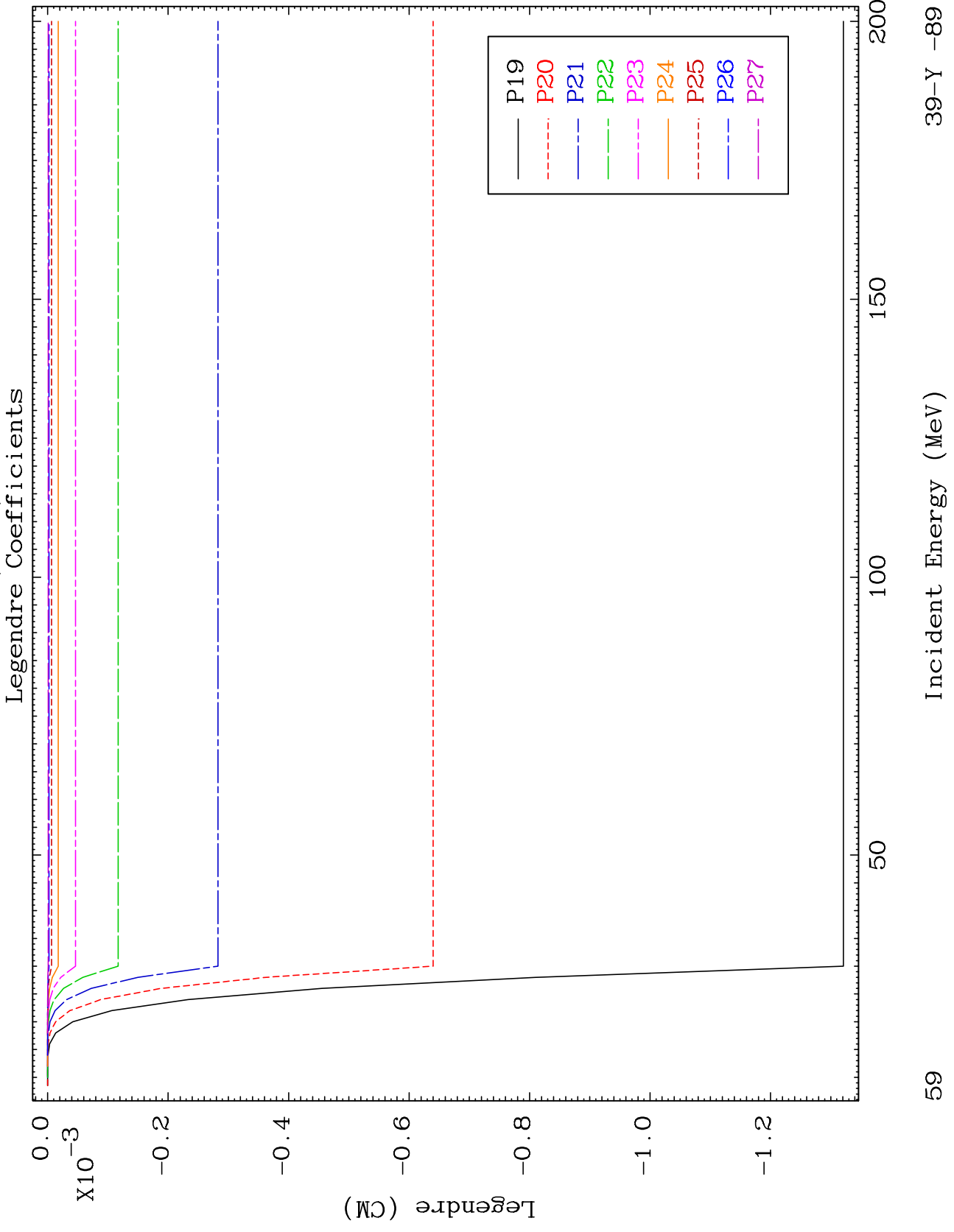
Incident Energy (MeV)

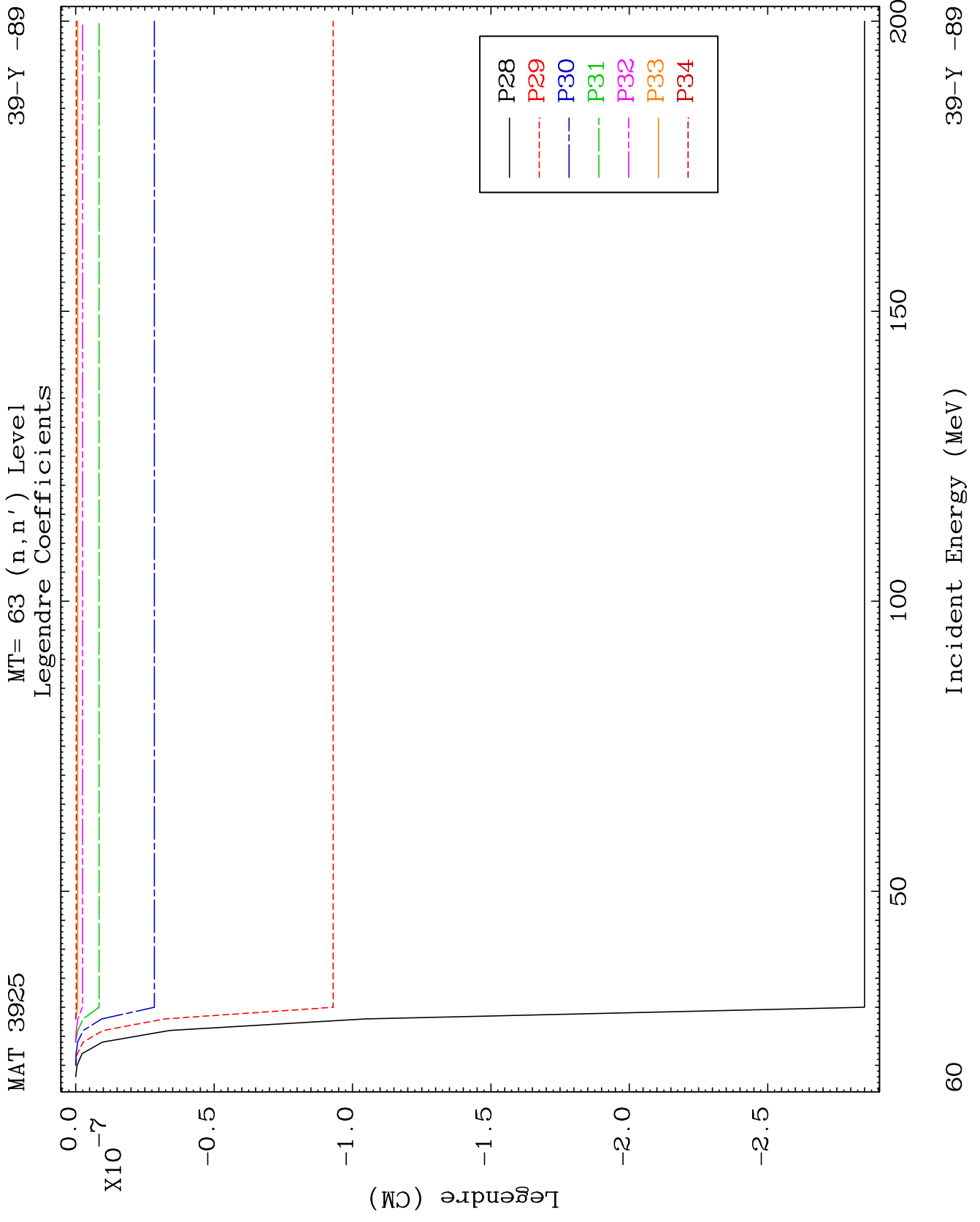
39-Y -89







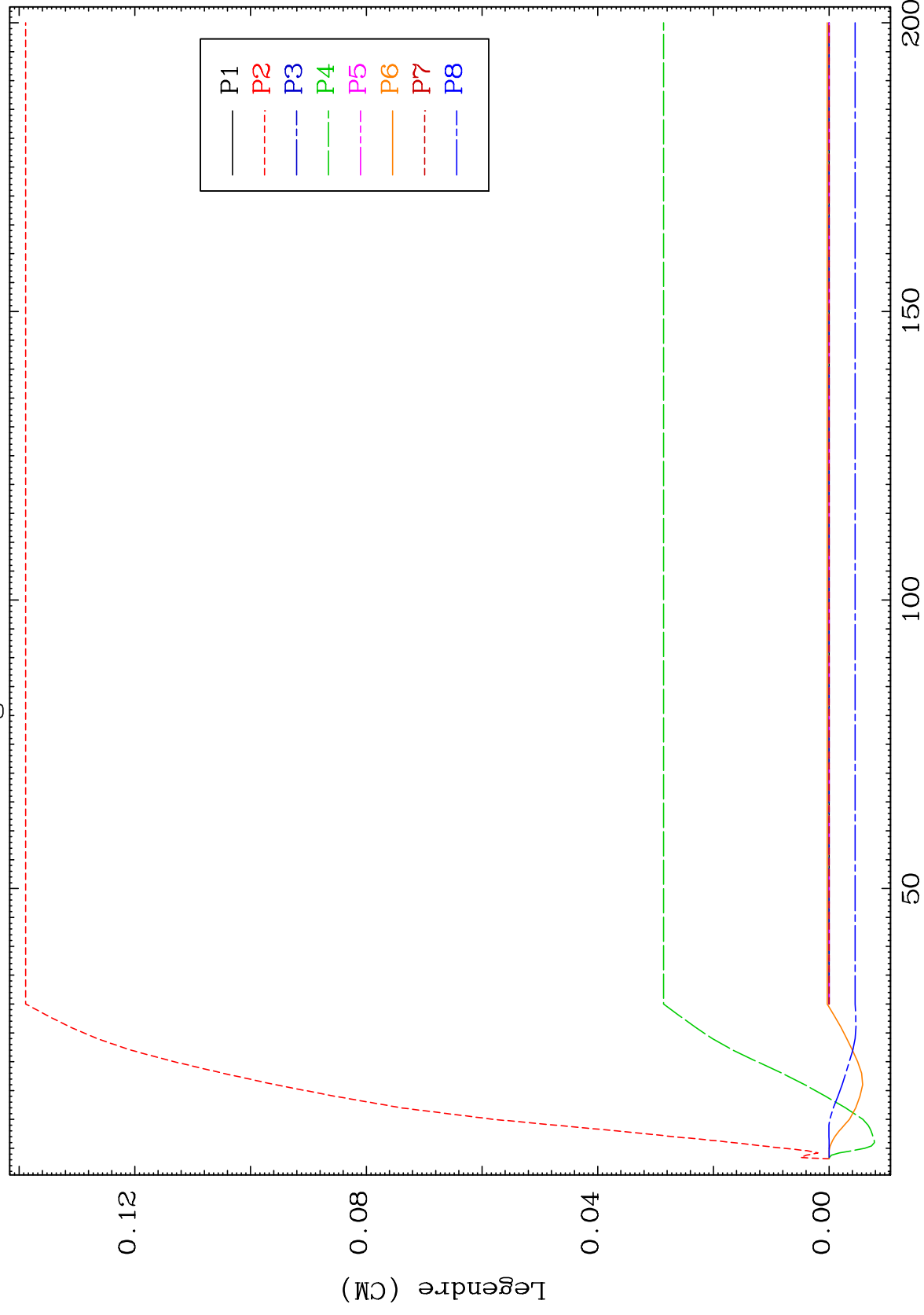




MAT 3925

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

39-Y -89



61

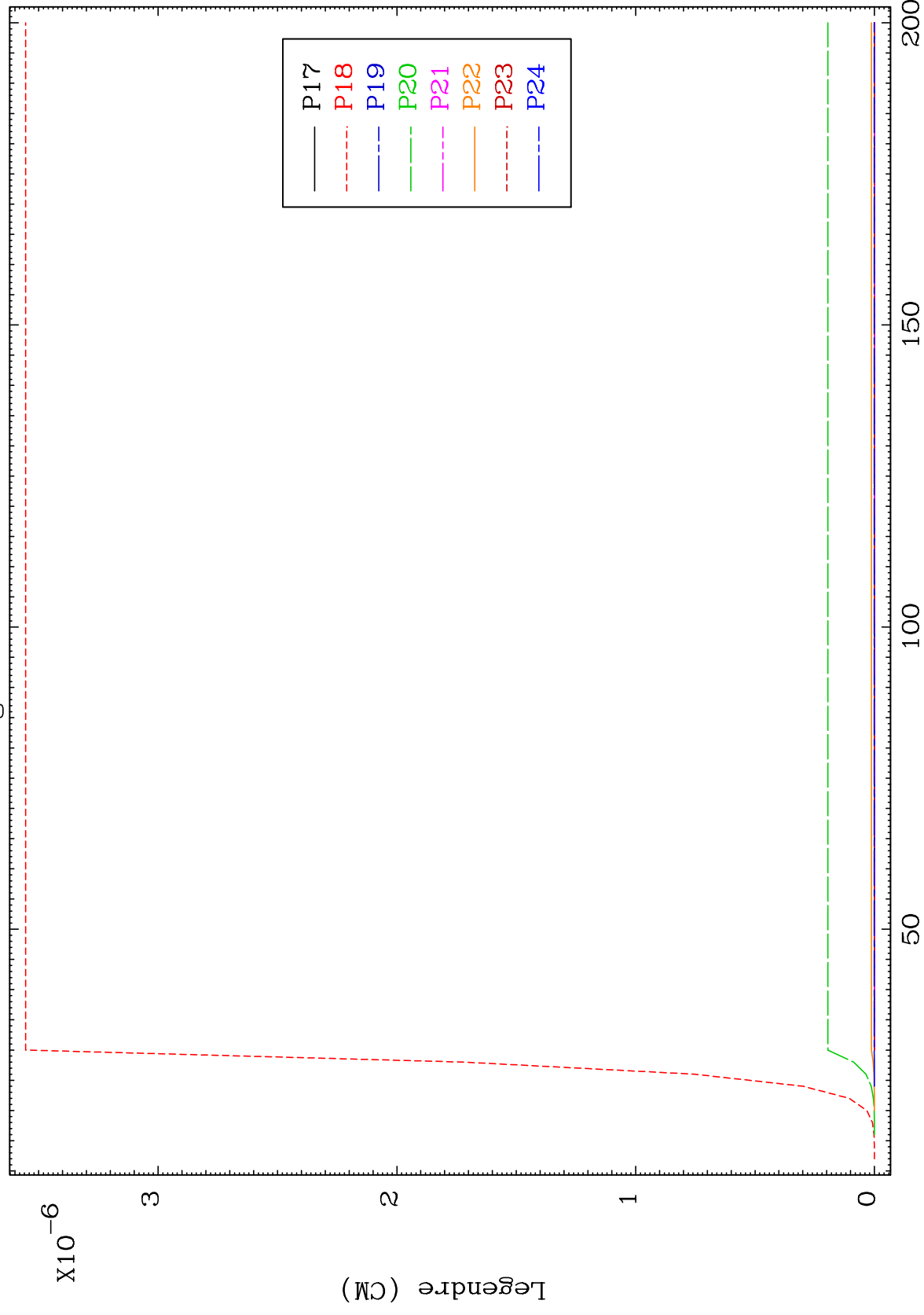
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



39-Y -89

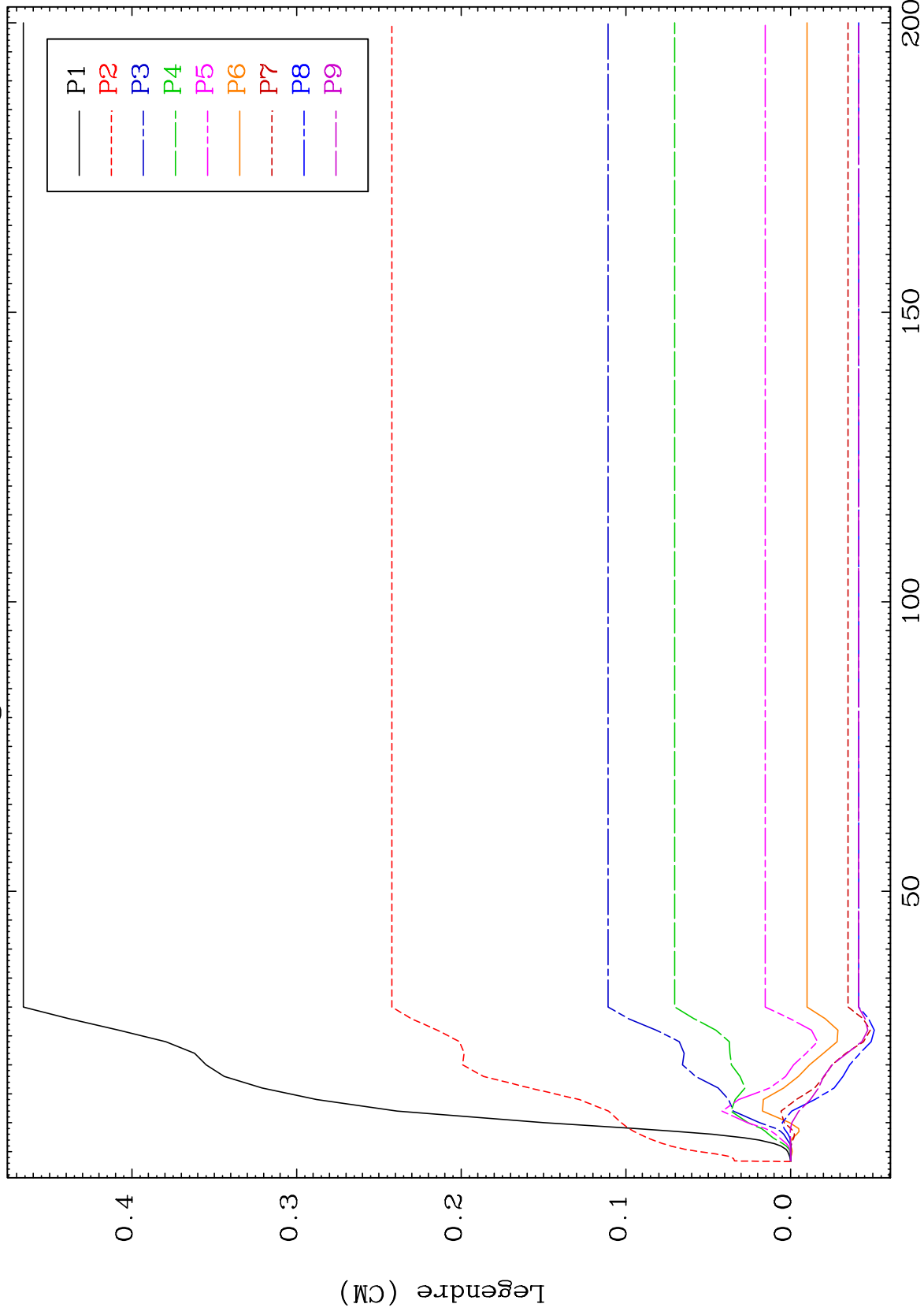
Incident Energy (MeV)

63

MAT 3925

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

39-Y -89



64

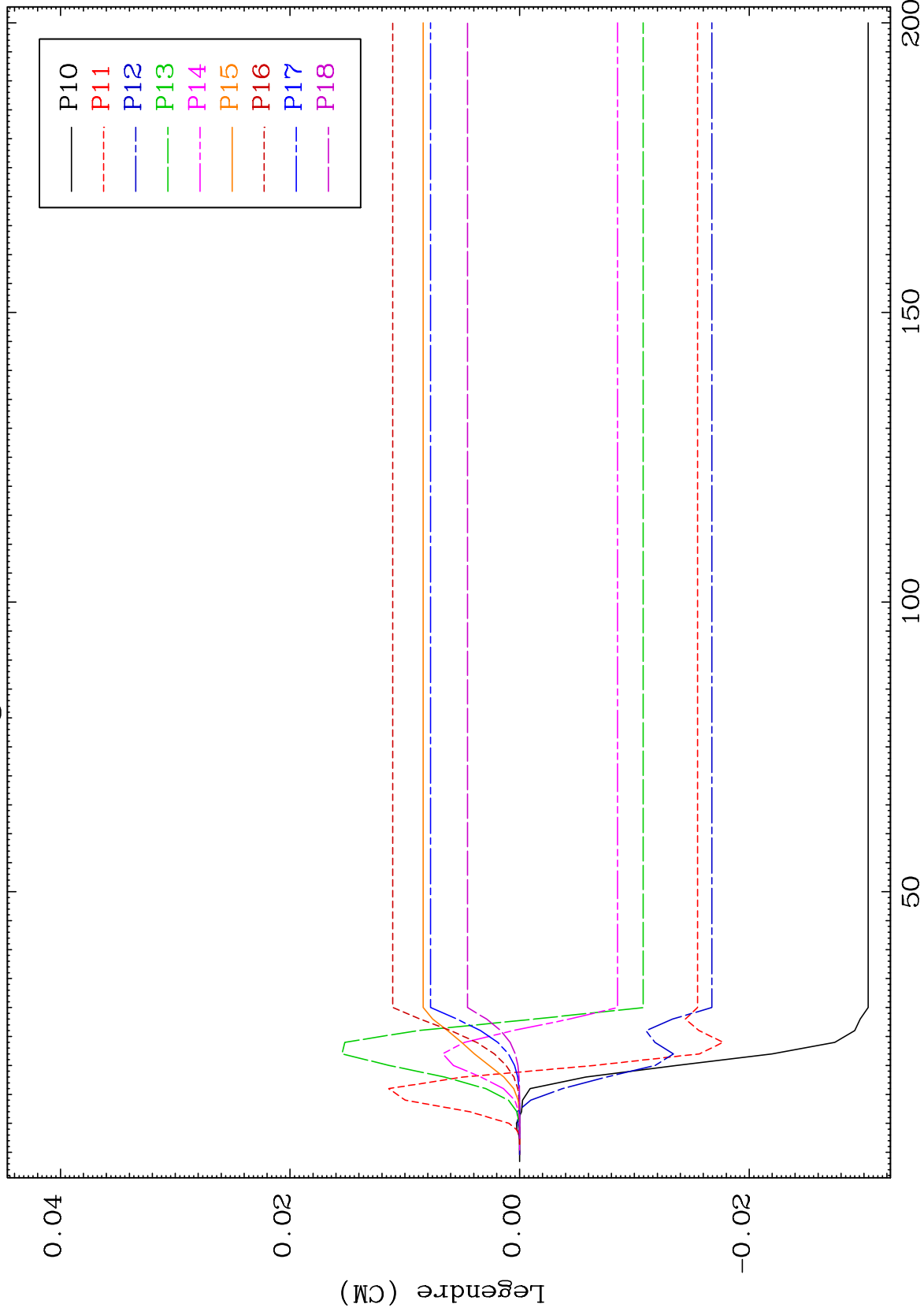
Incident Energy (MeV)

39-Y -89

MAT 3925

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

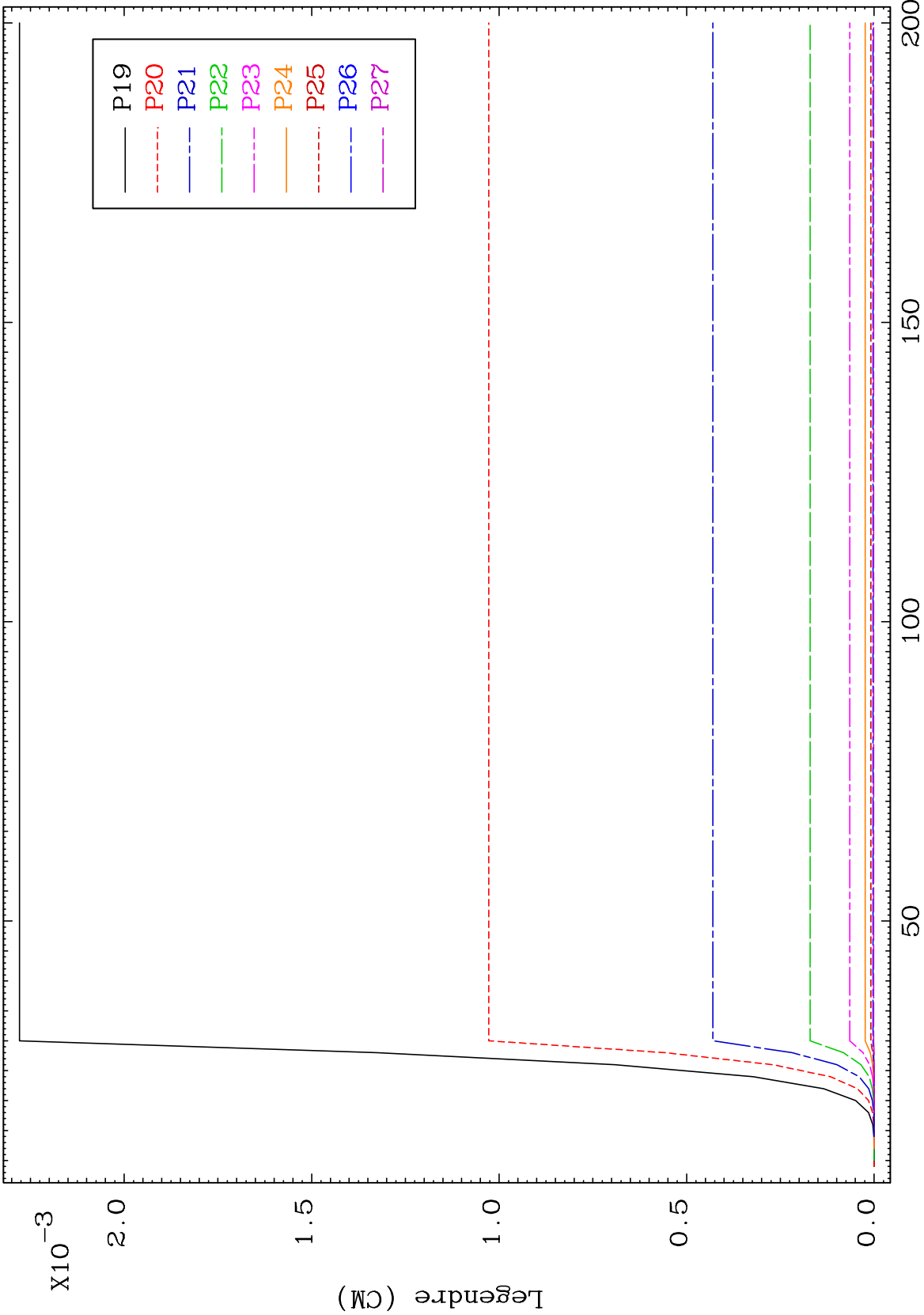
39-Y -89



65

Incident Energy (MeV)

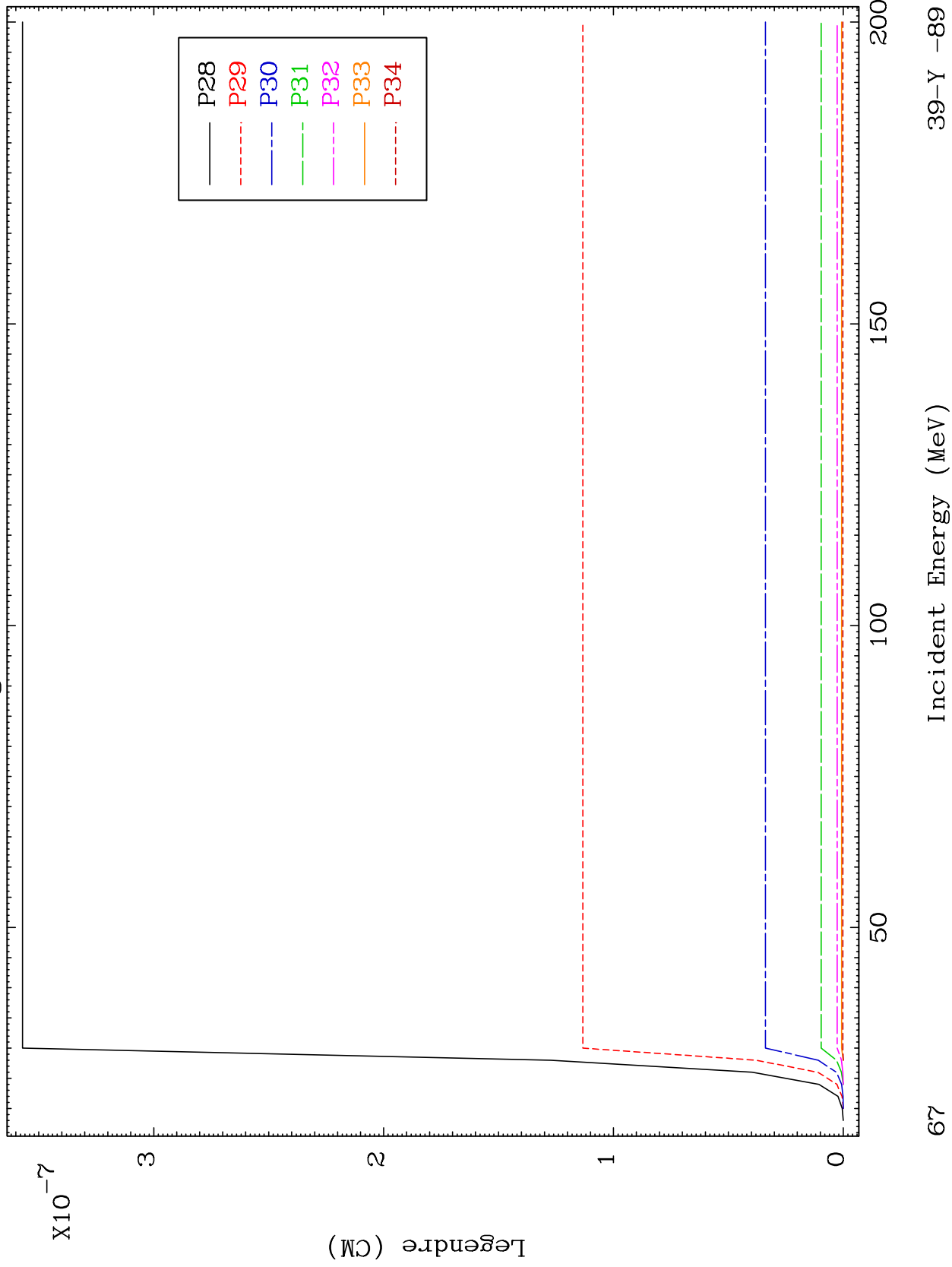
39-Y -89



MAT 3925

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

39-Y -89



67

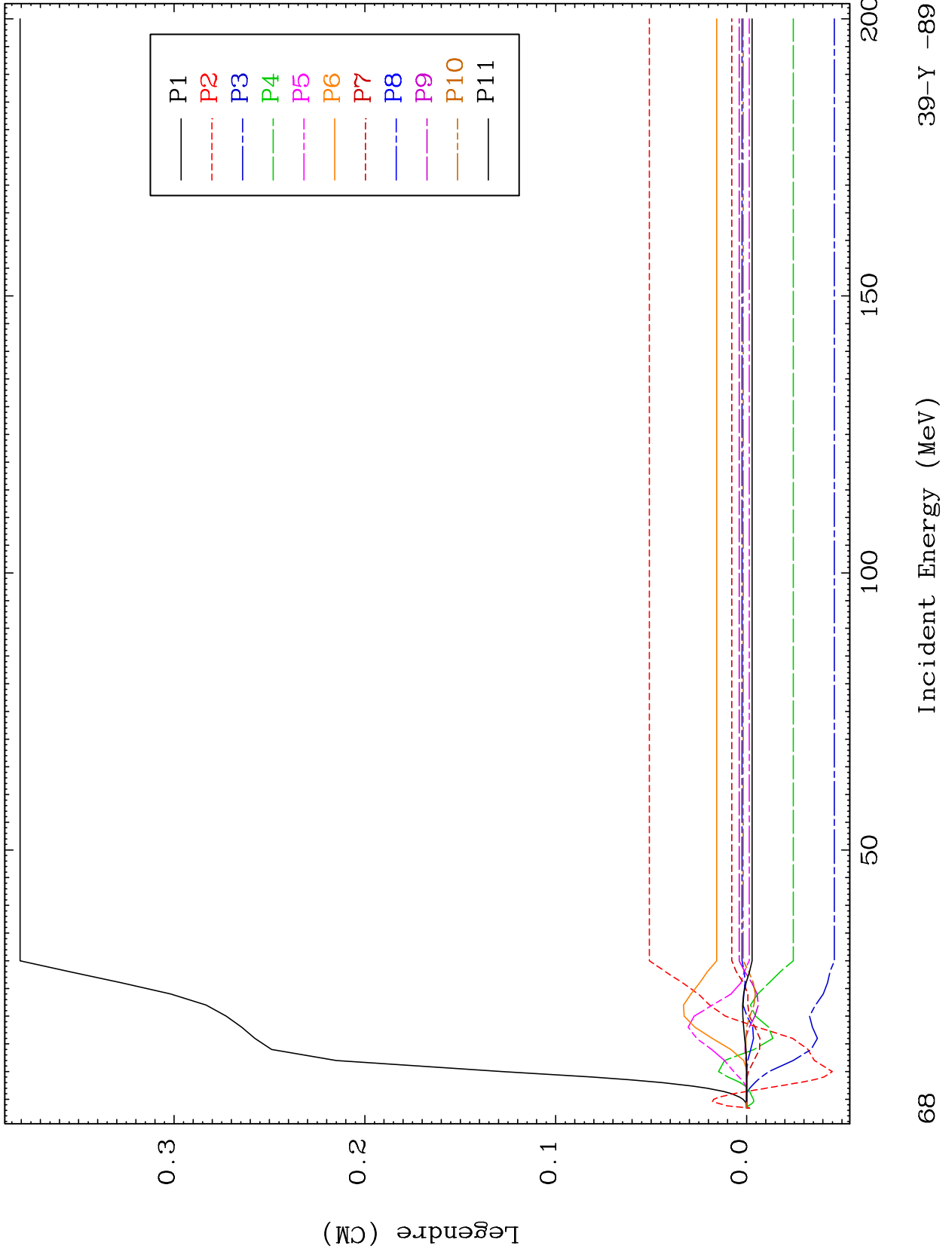
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



68

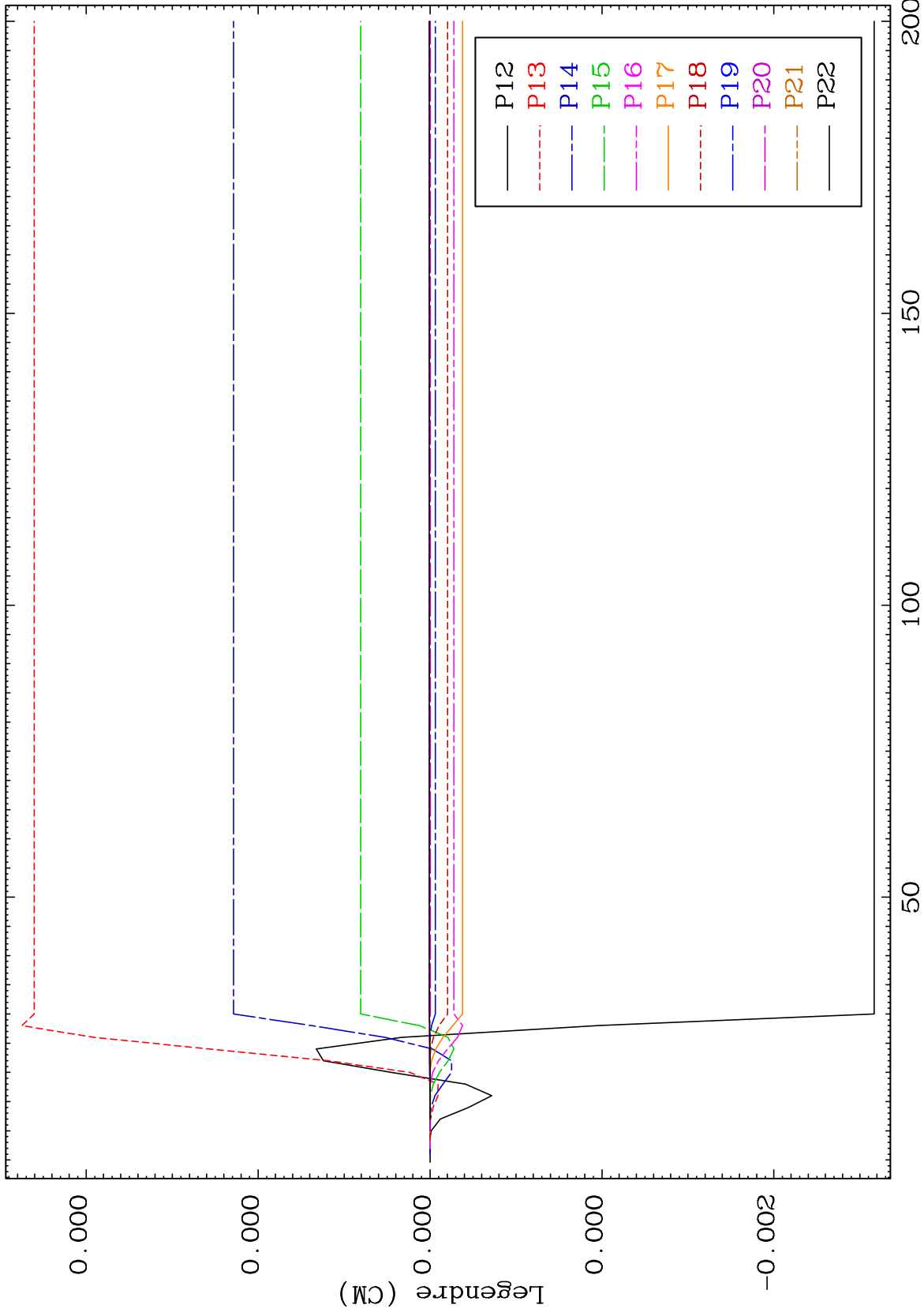
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



69

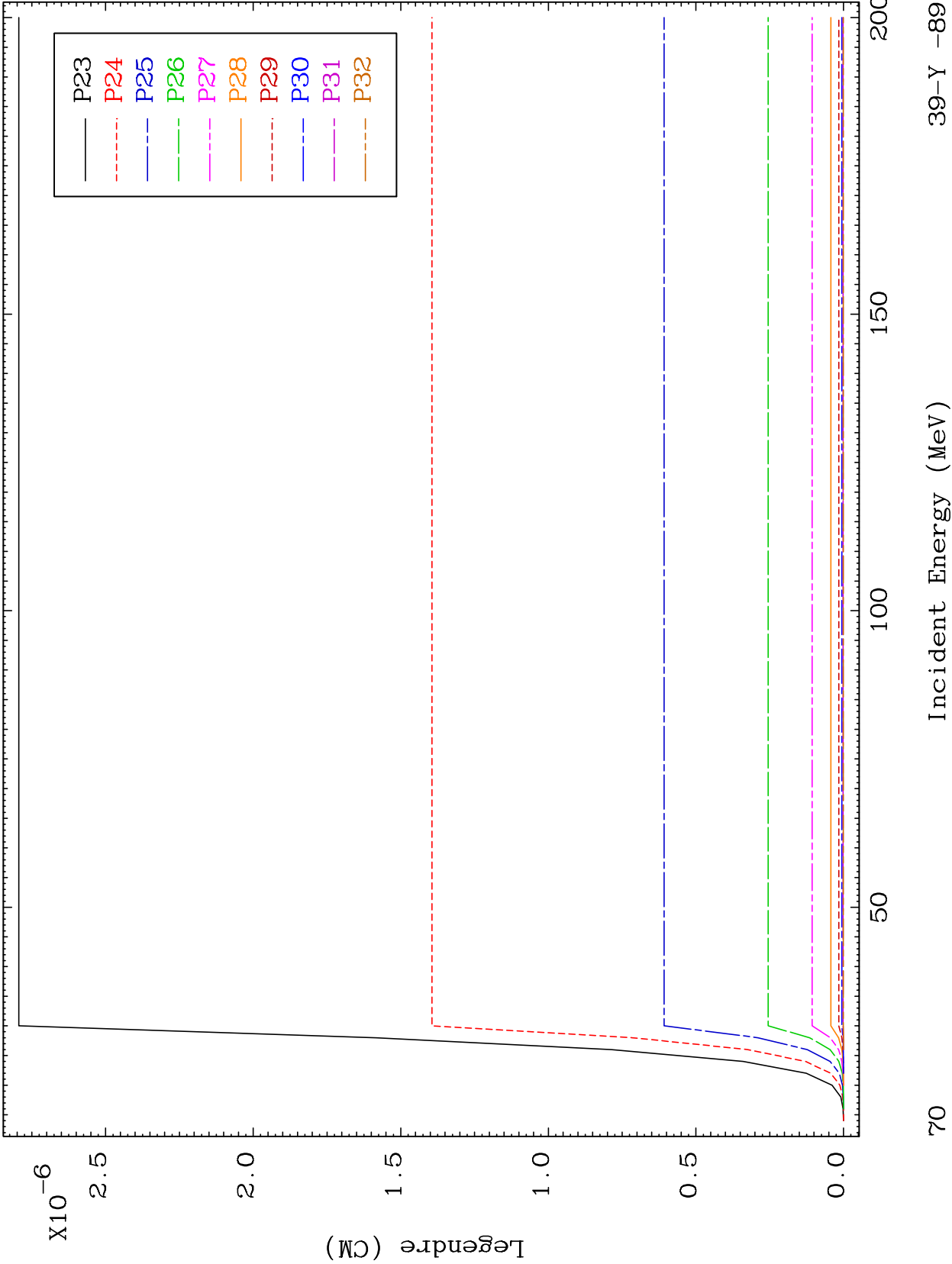
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



70

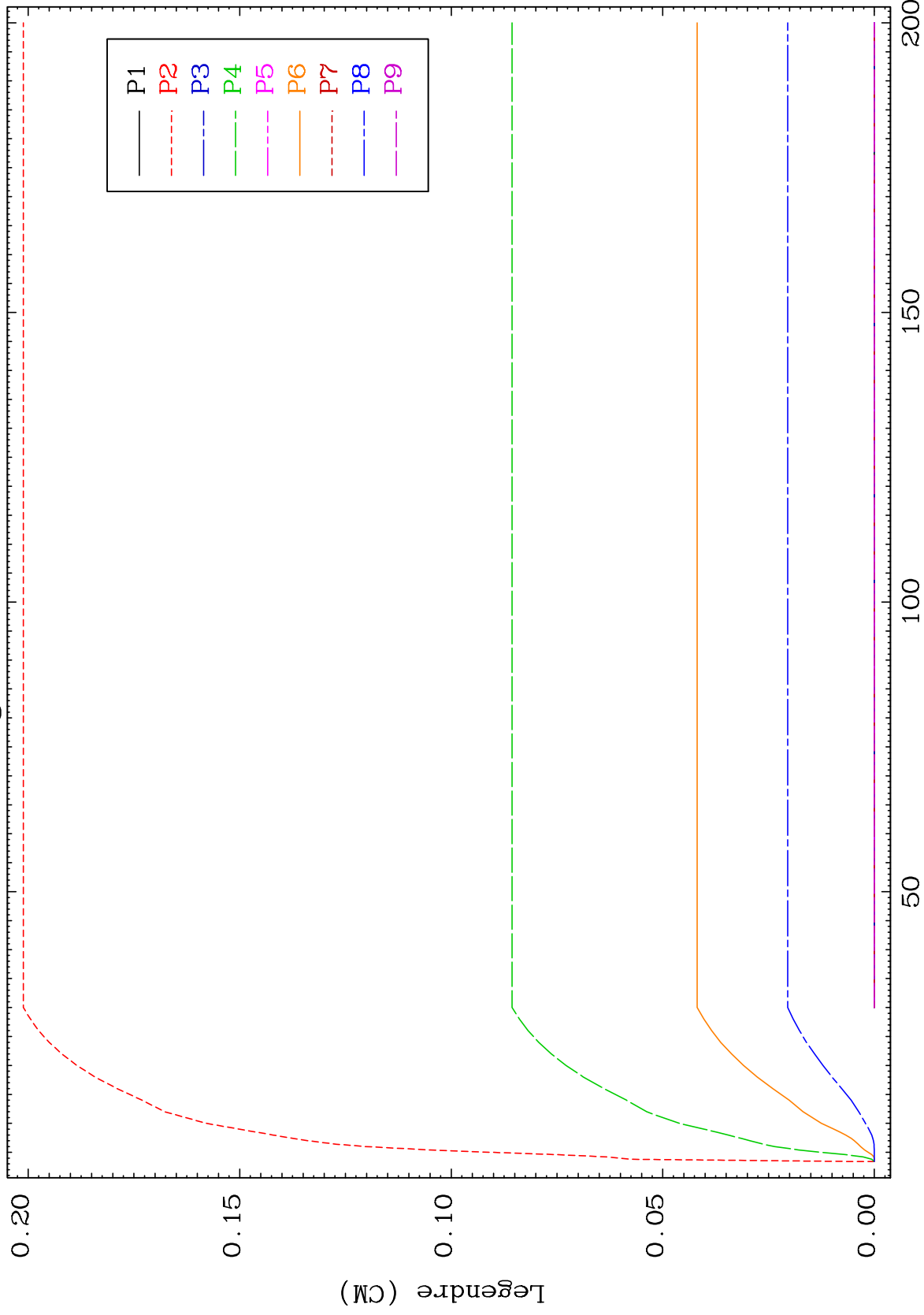
Incident Energy (MeV)

39-Y -89

MAT 3925

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

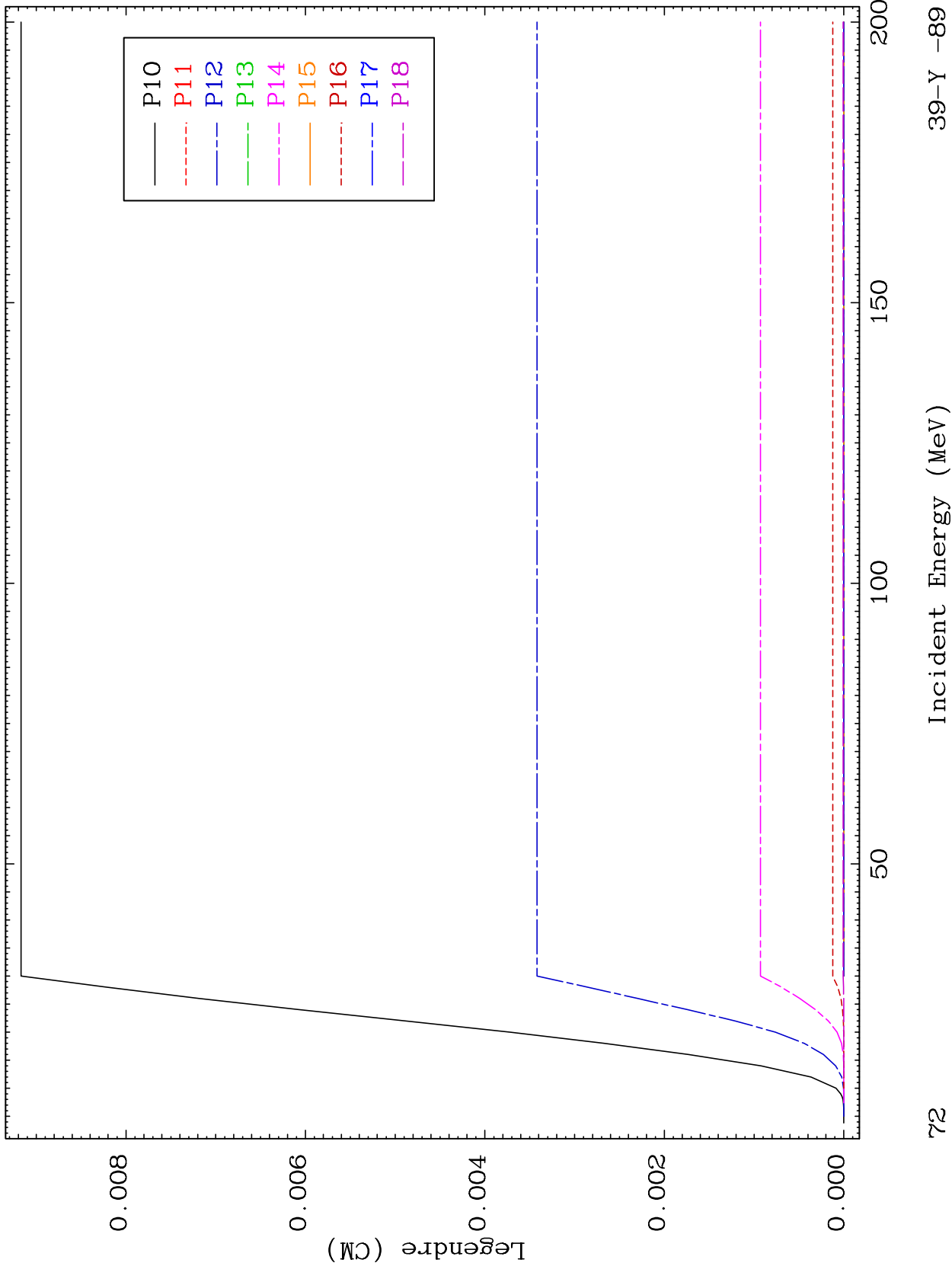
39-Y -89



71

Incident Energy (MeV)

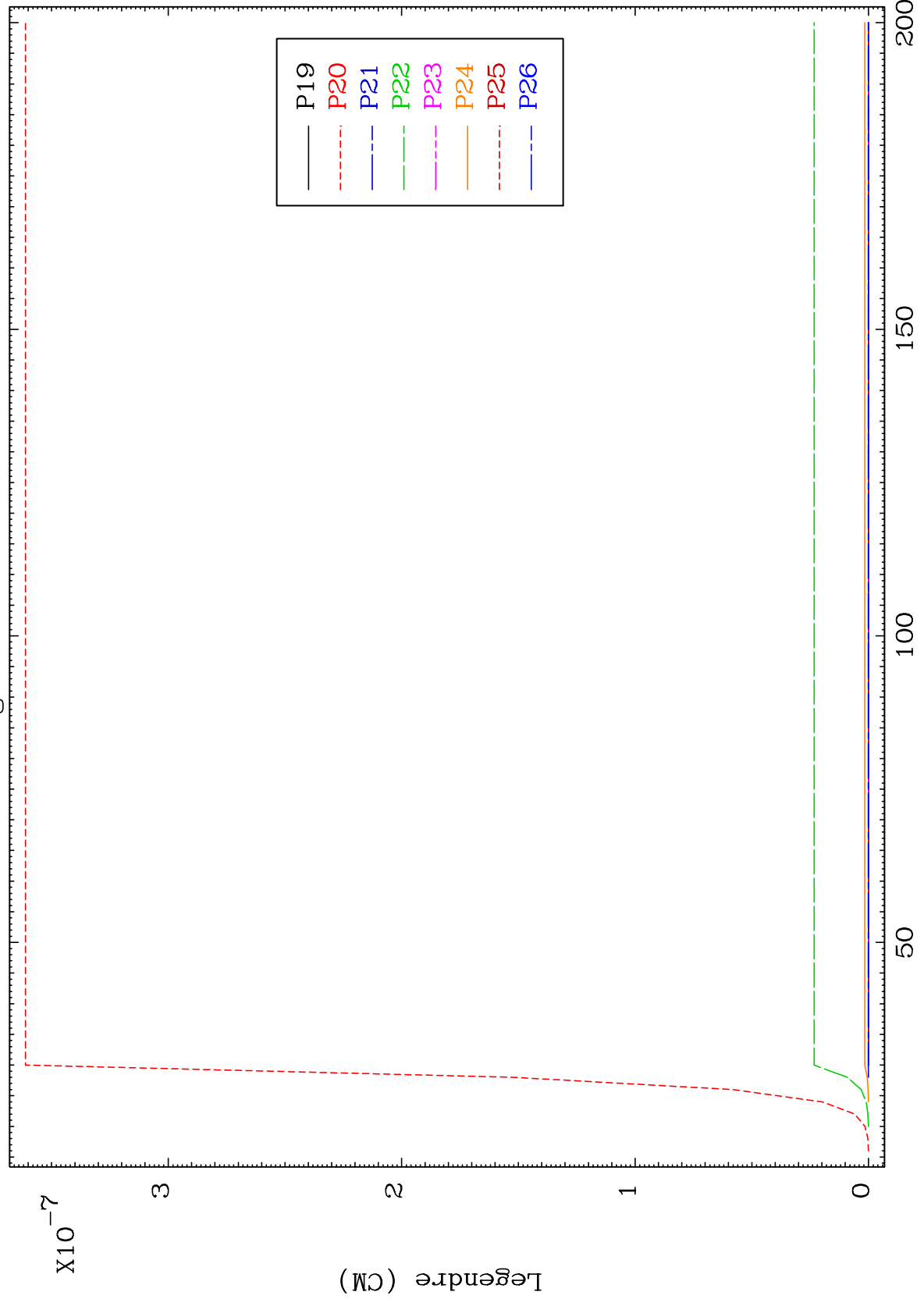
39-Y -89



MAT 3925

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

39-Y -89



39-Y -89

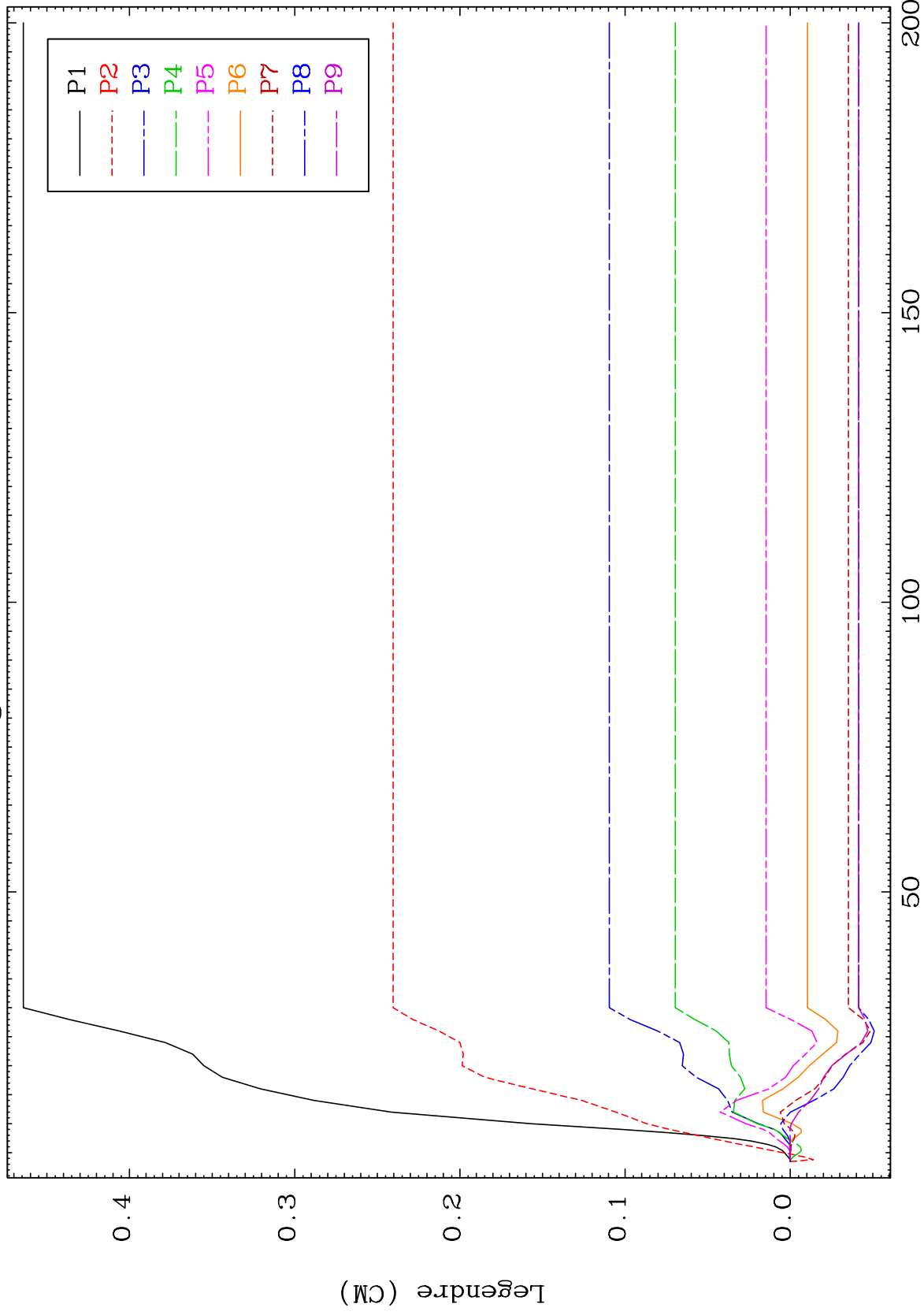
Incident Energy (MeV)

73

MAT 3925

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

39-Y -89



74

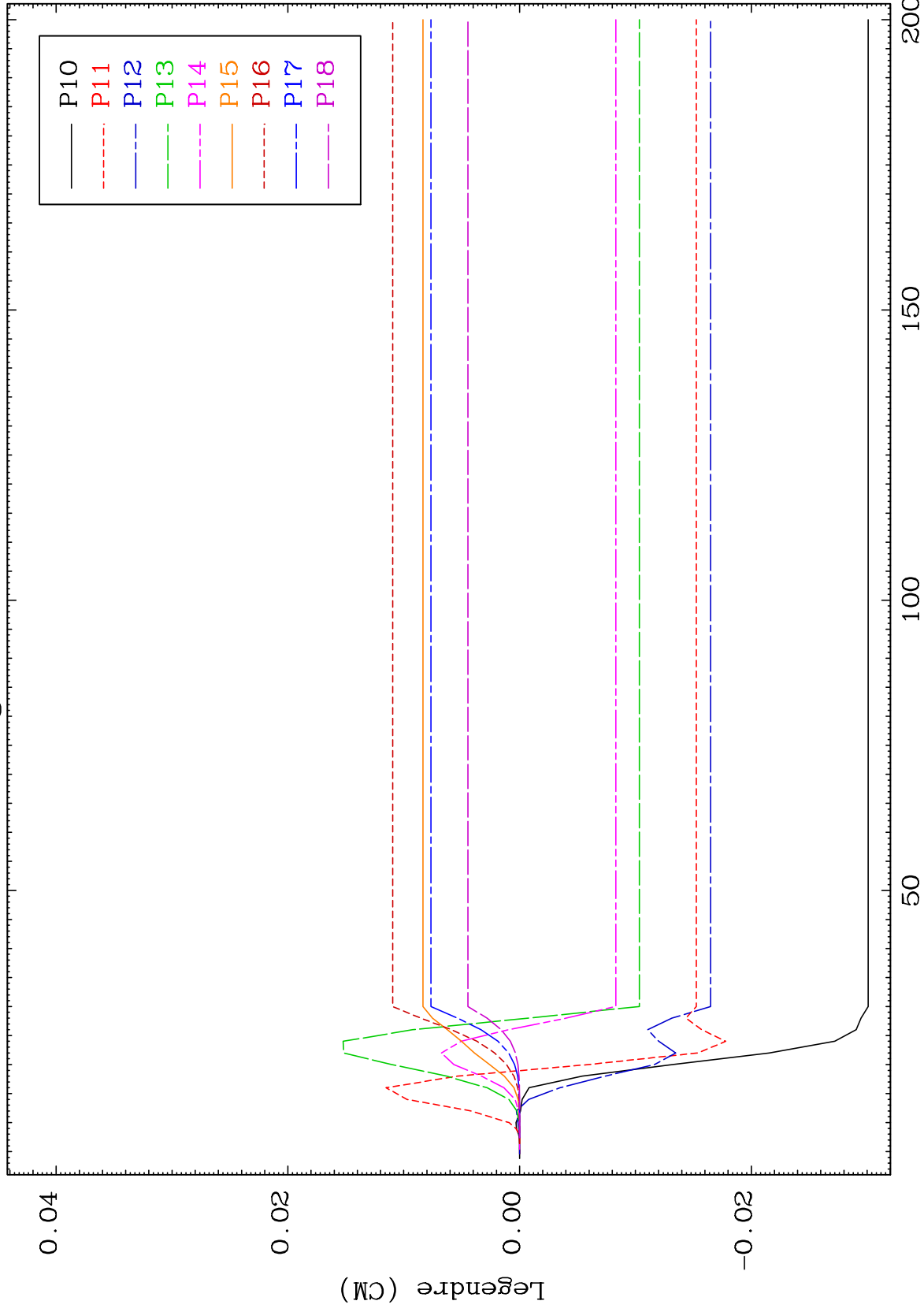
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



75

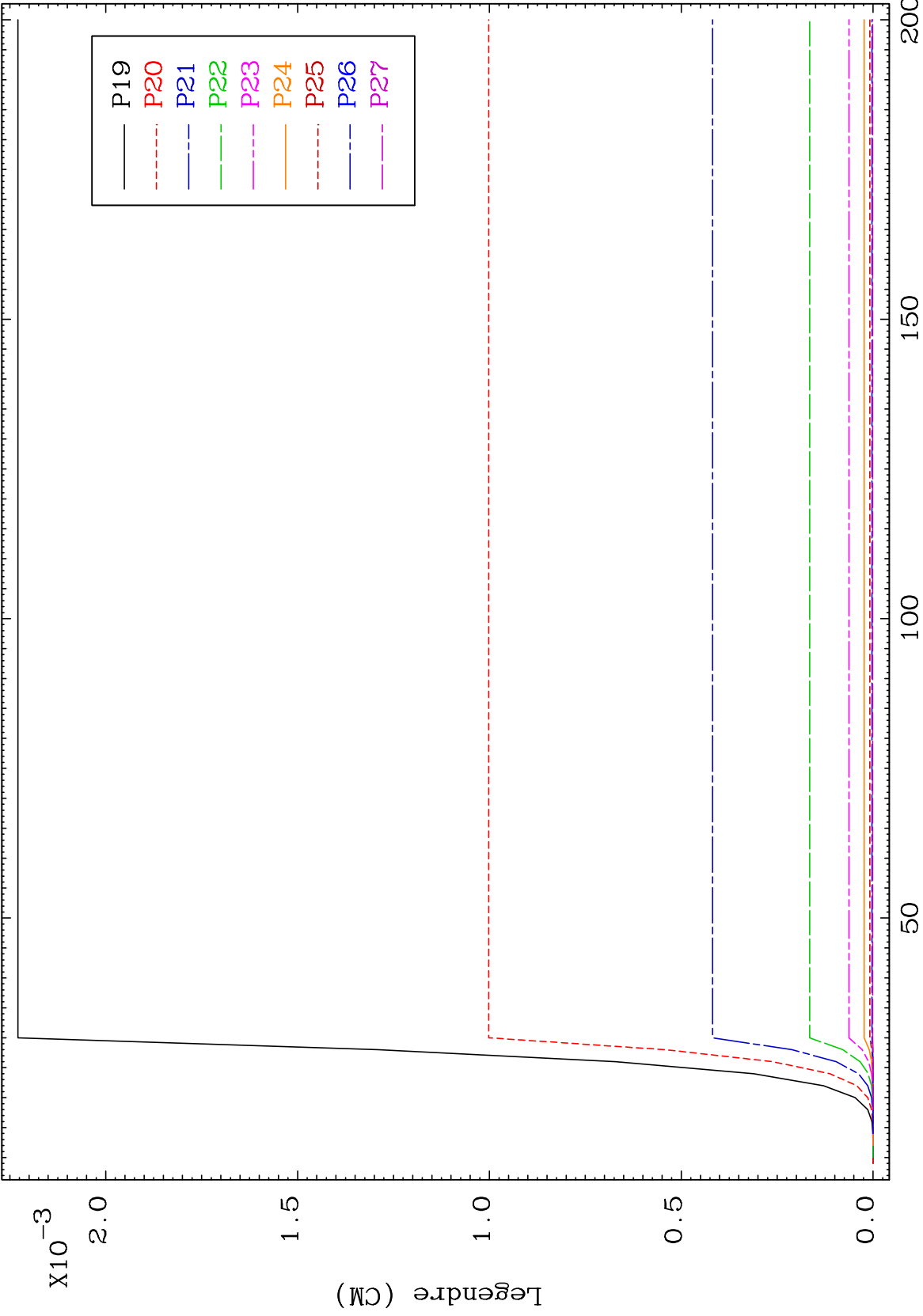
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



76

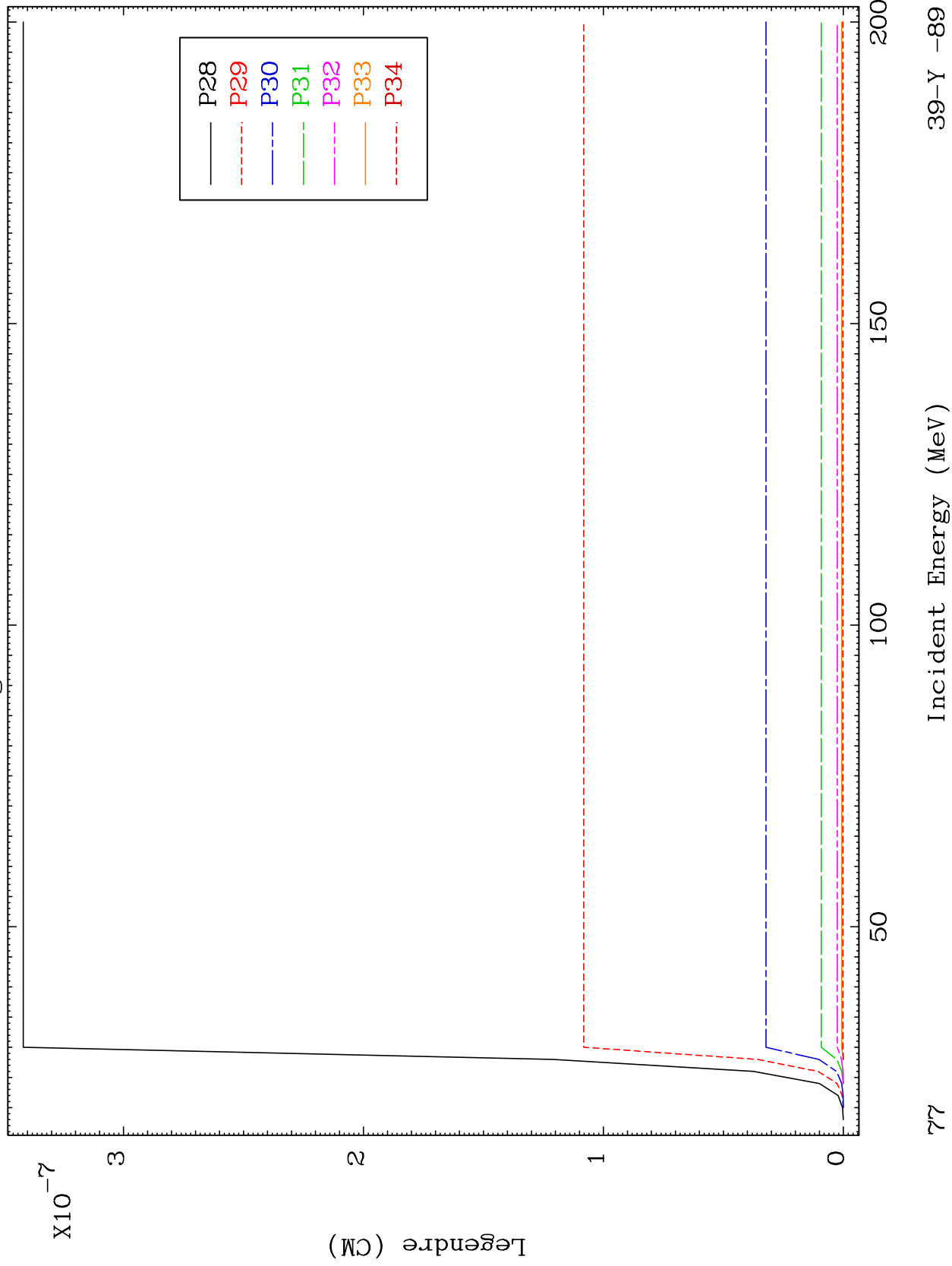
Incident Energy (MeV)

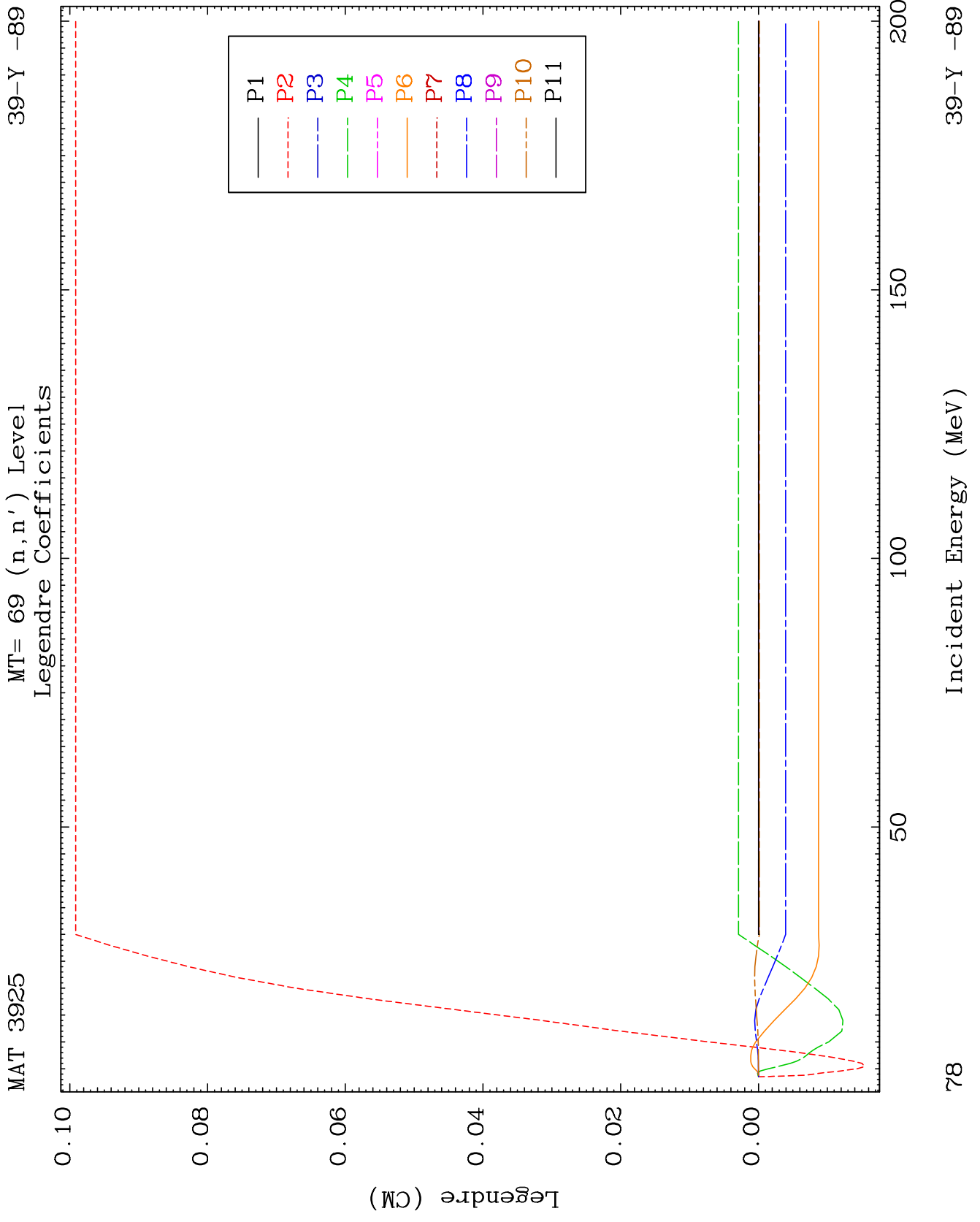
39-Y -89

MAT 3925

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

39-Y -89

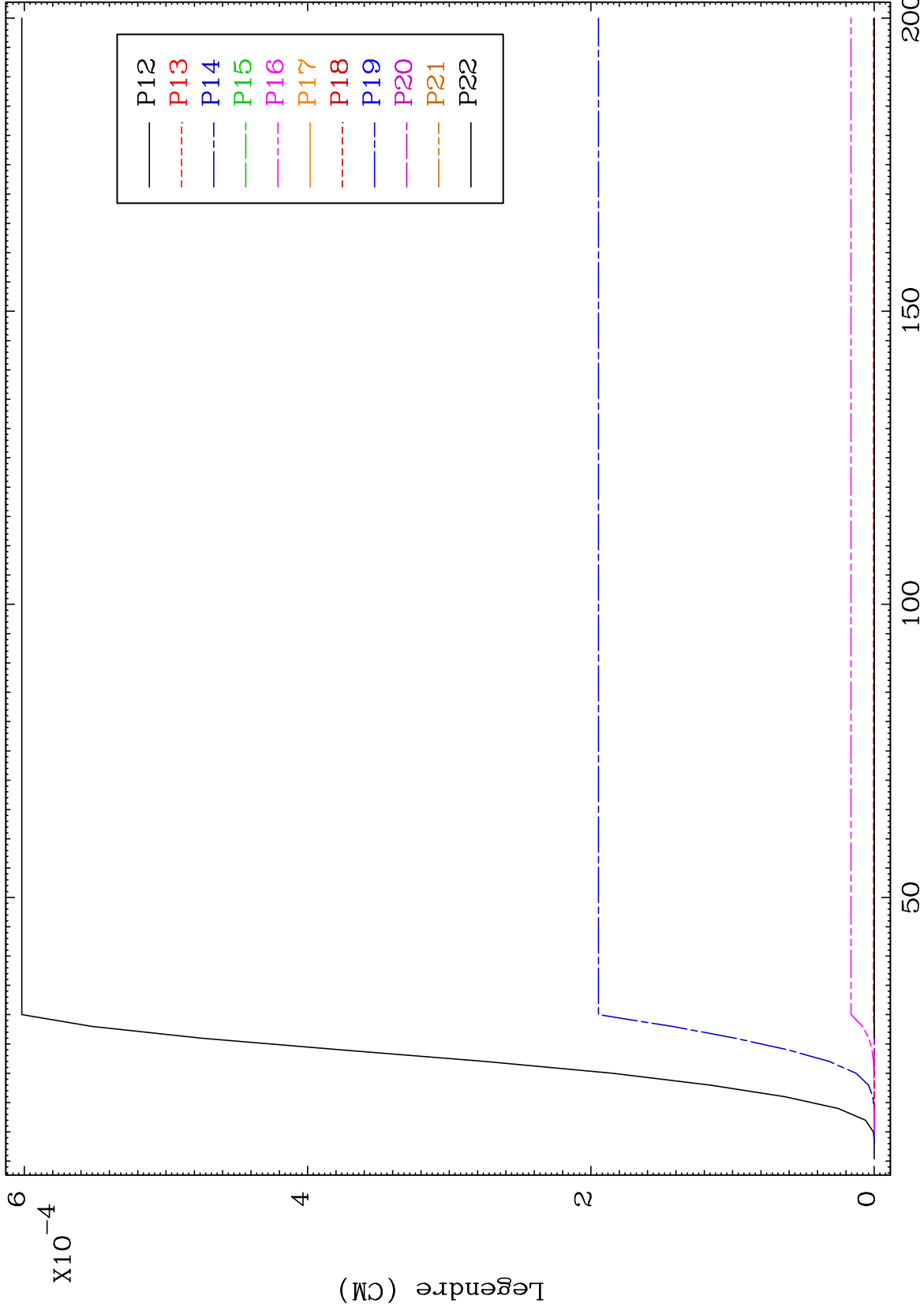




MAT 3925

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

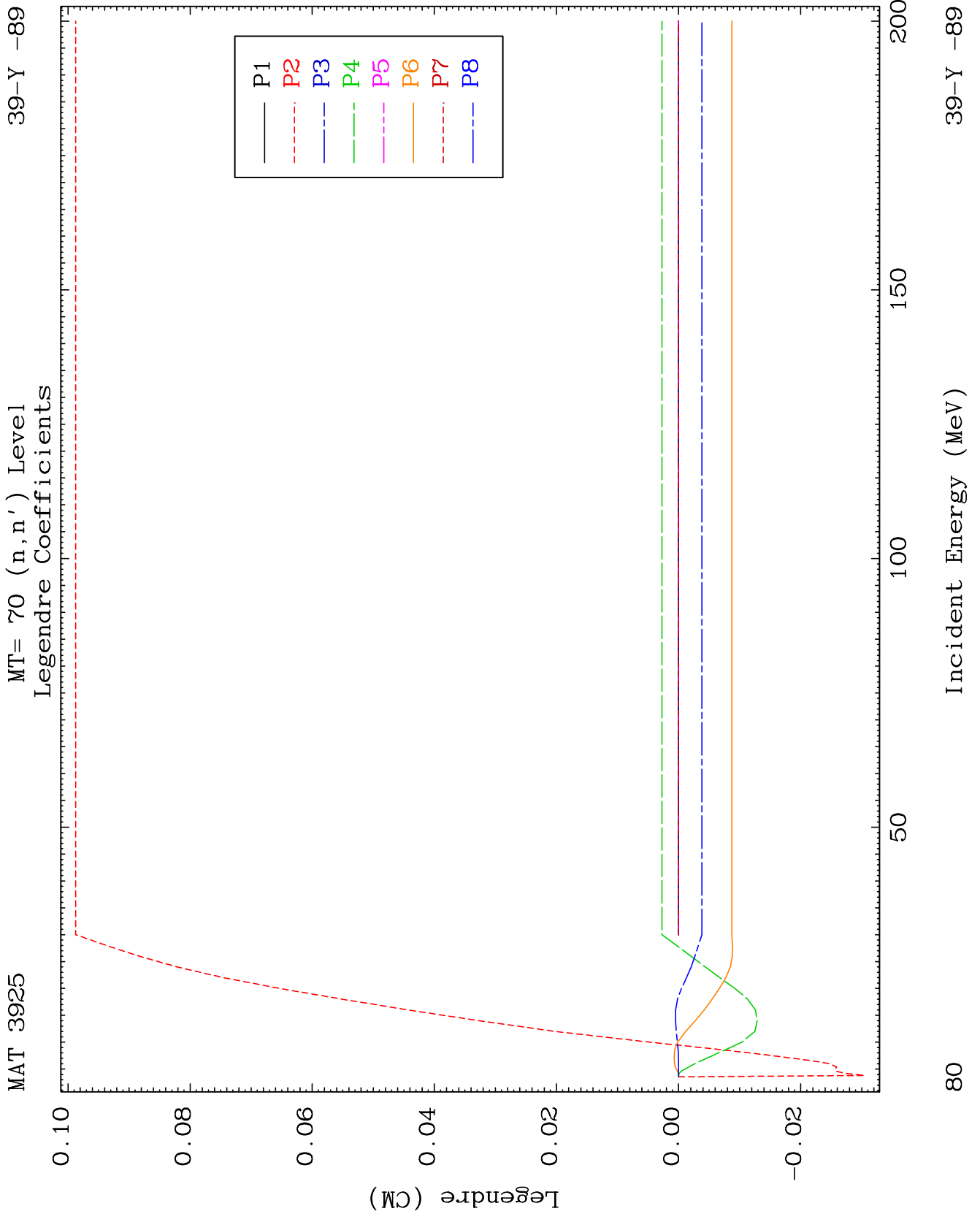
39-Y -89



79

Incident Energy (MeV)

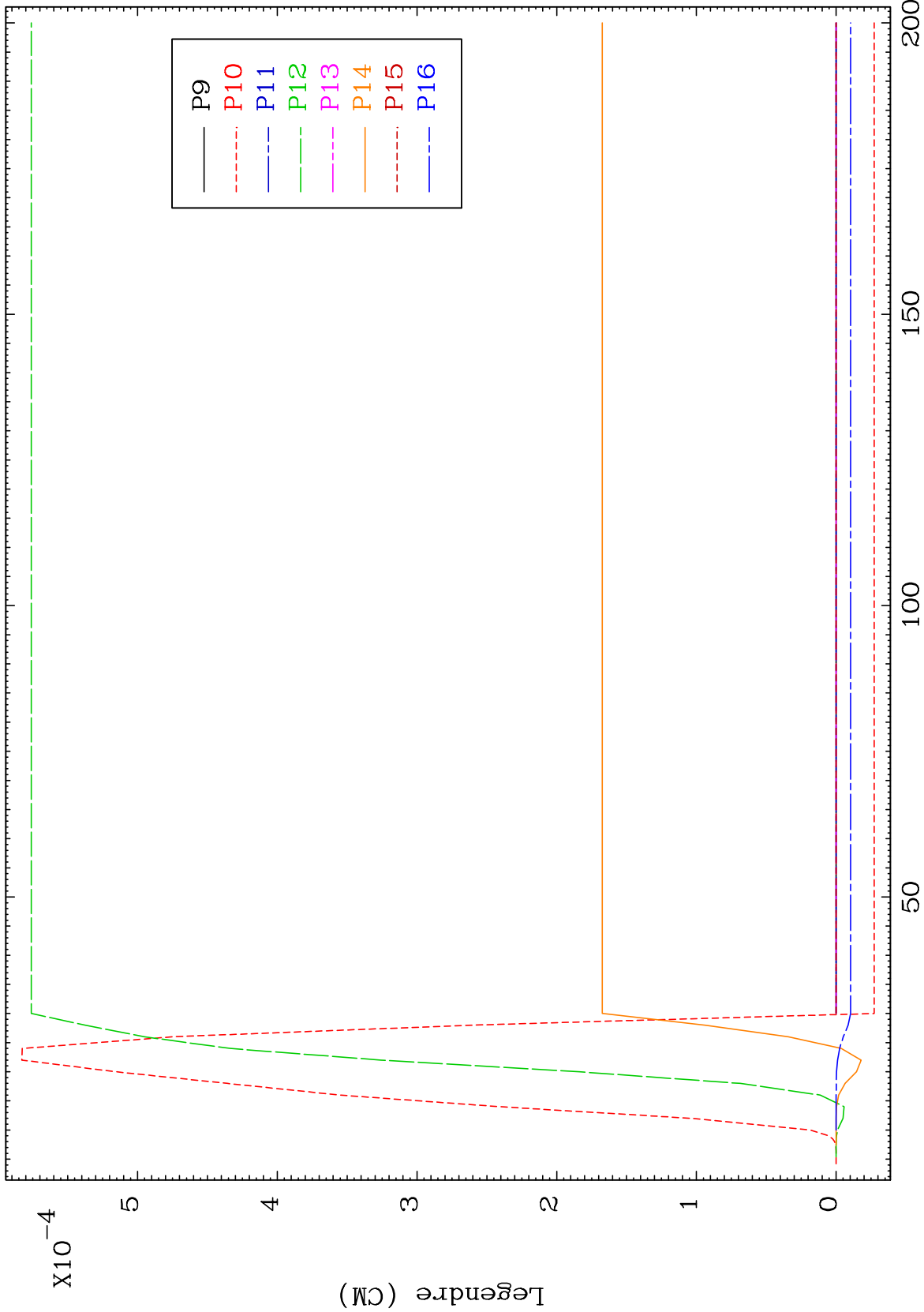
39-Y -89



MAT 3925

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

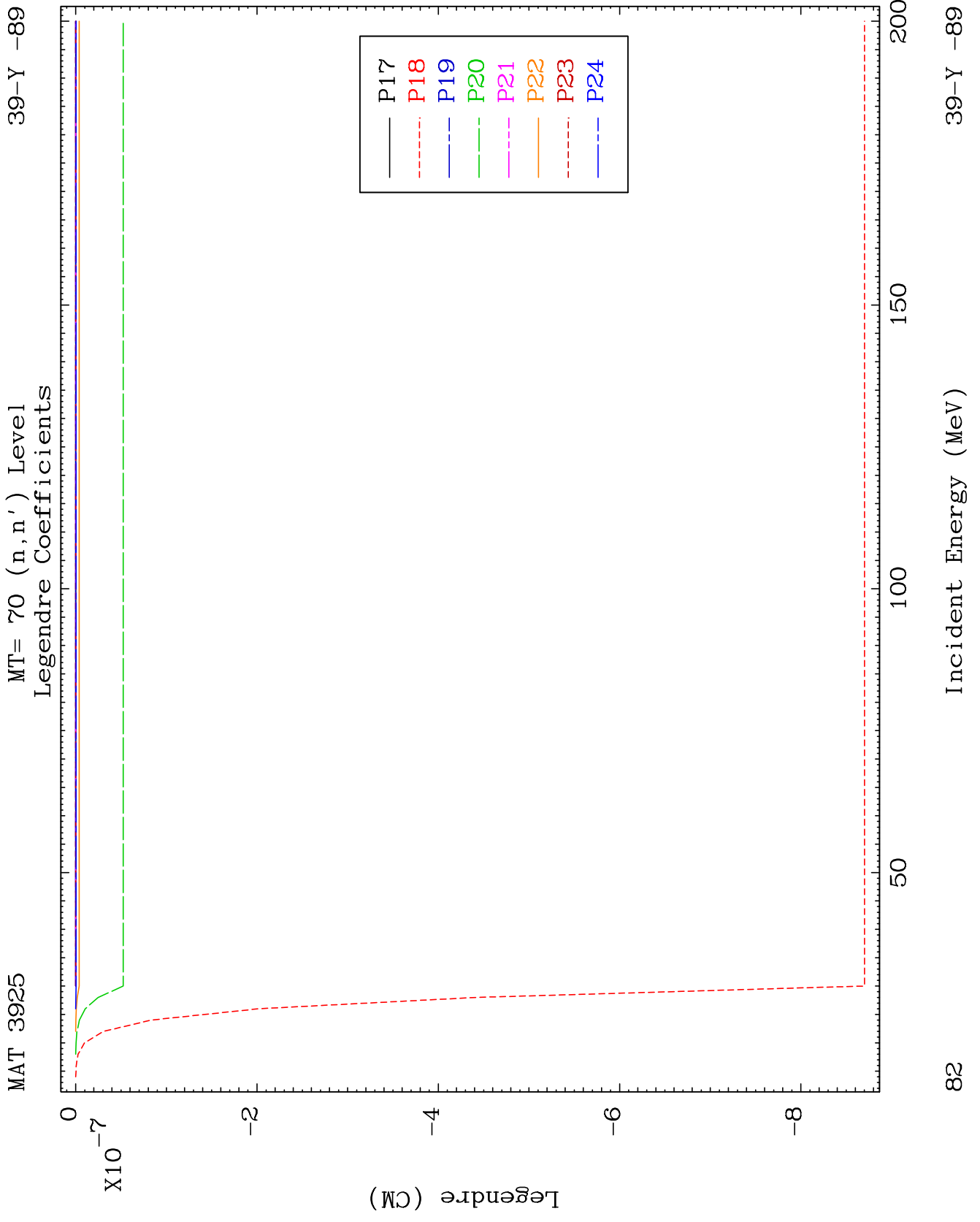
39-Y -89



81

Incident Energy (MeV)

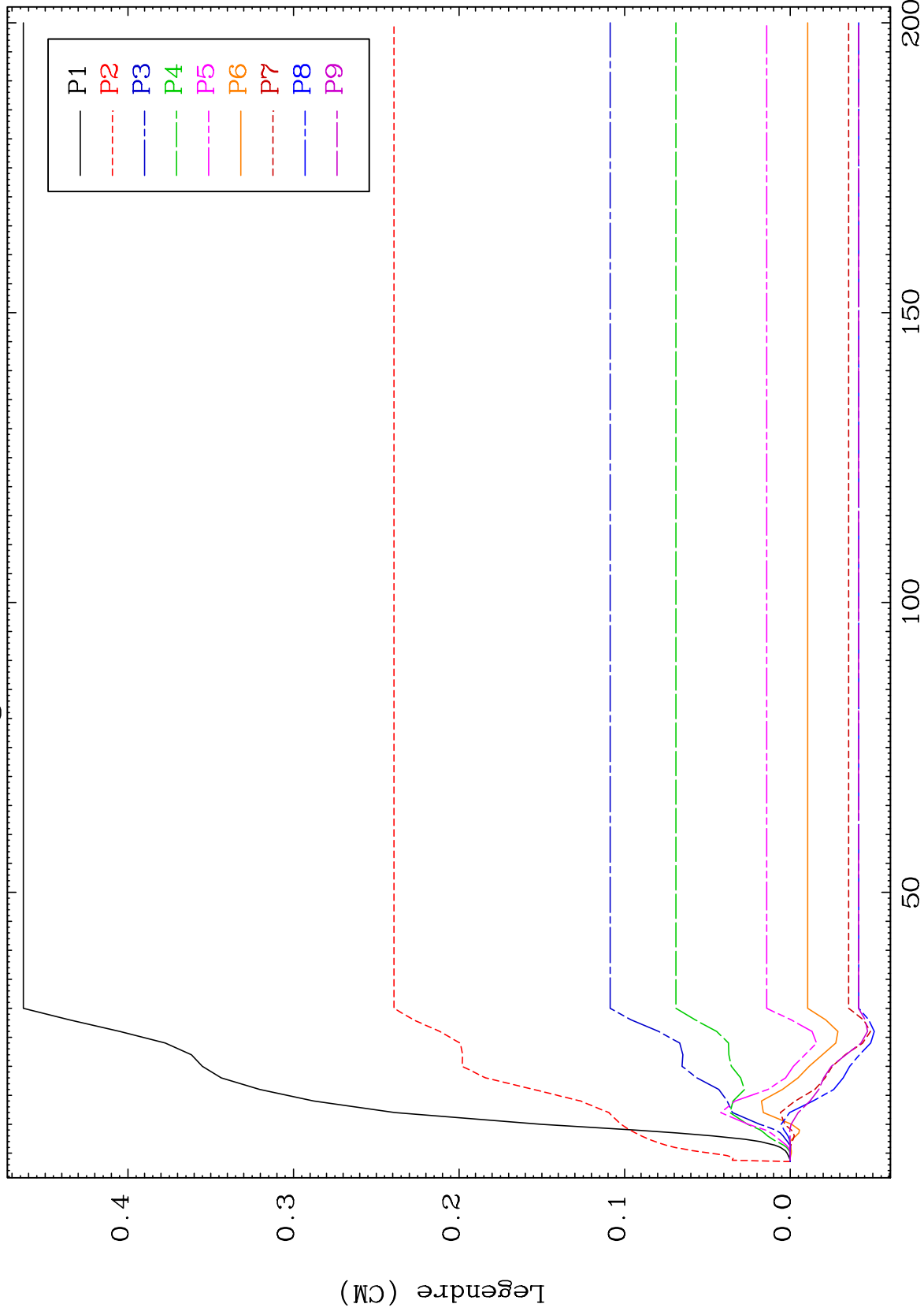
39-Y -89



MAT 3925

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

39-Y -89



83

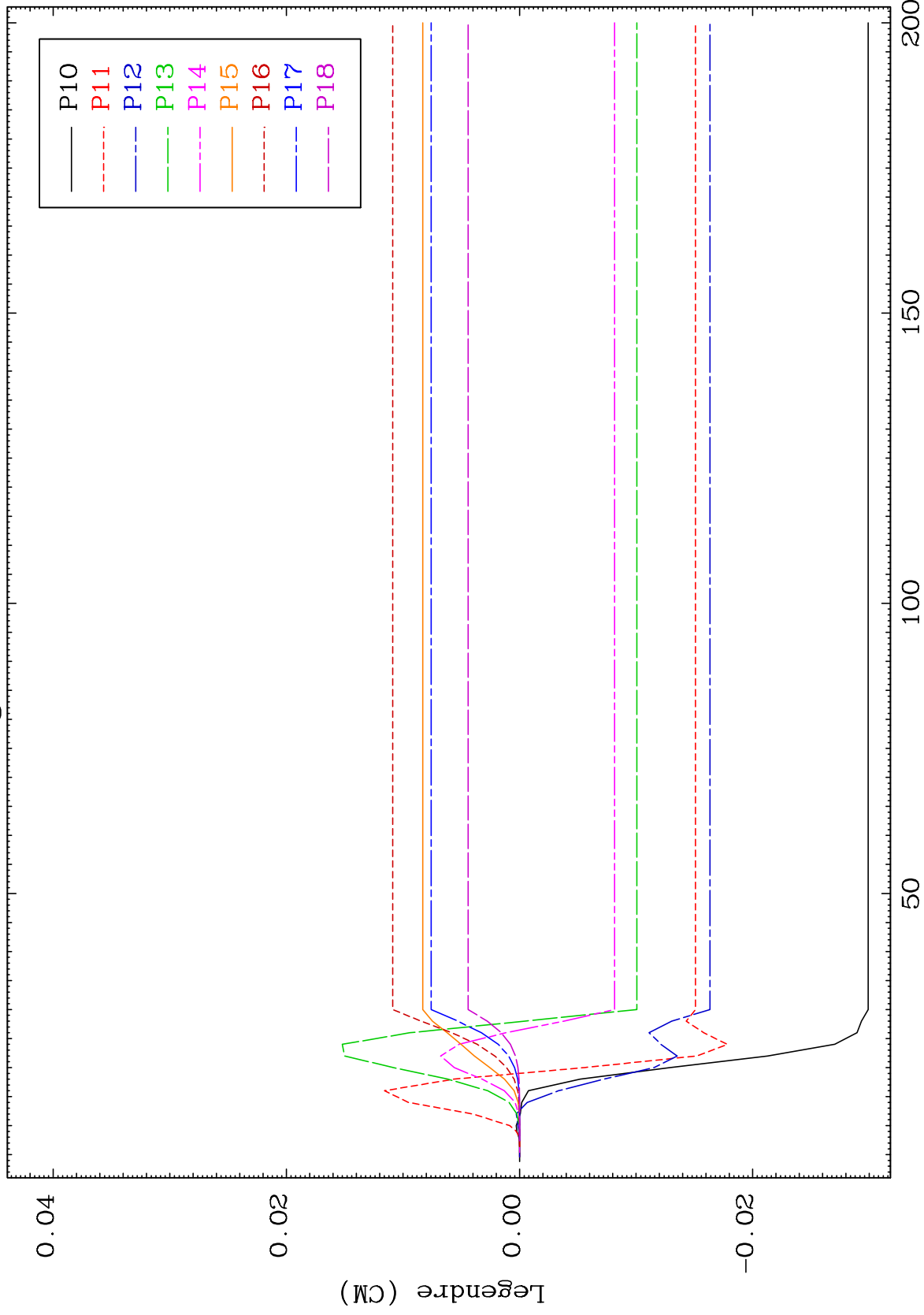
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



84

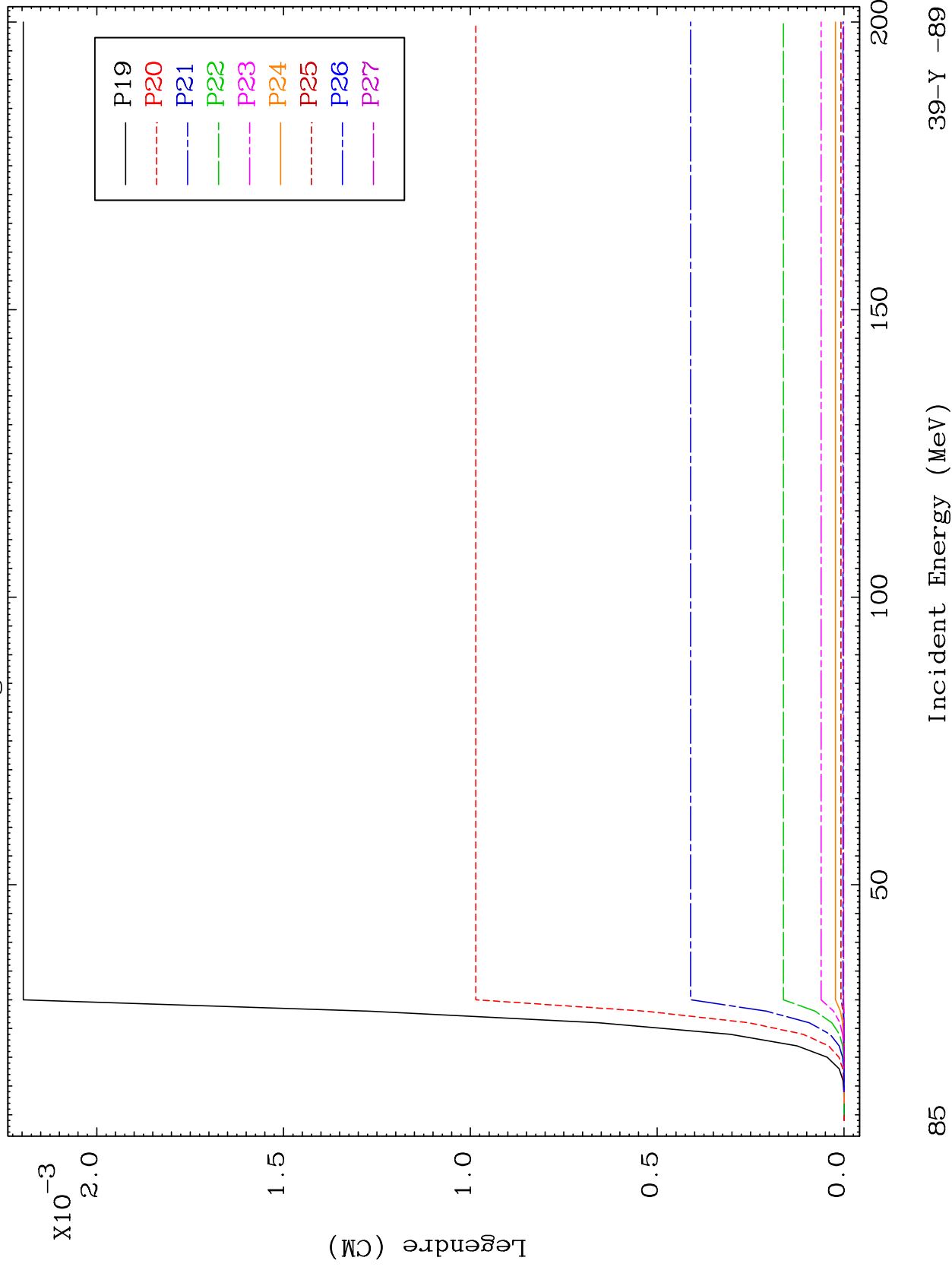
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



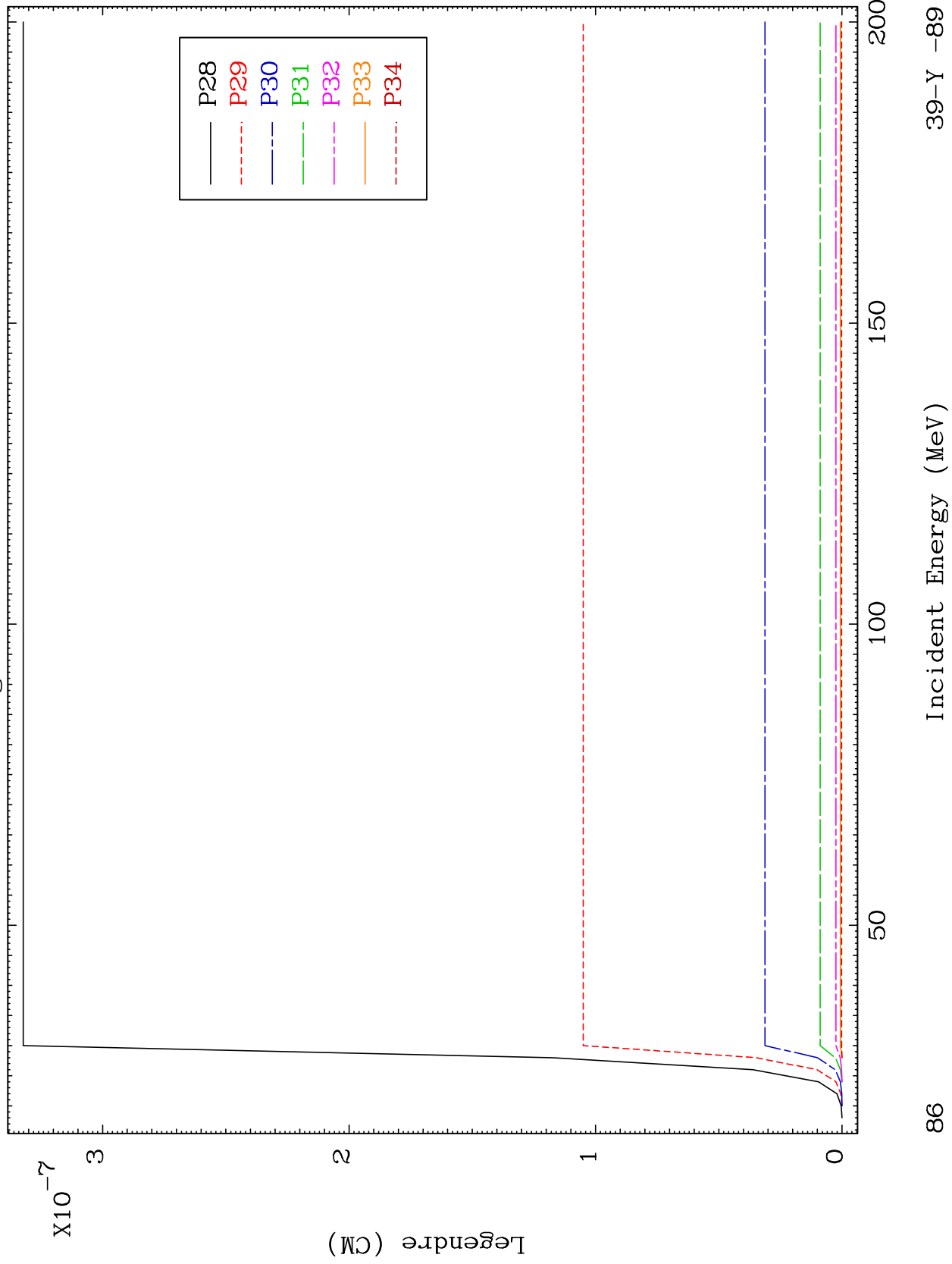
85

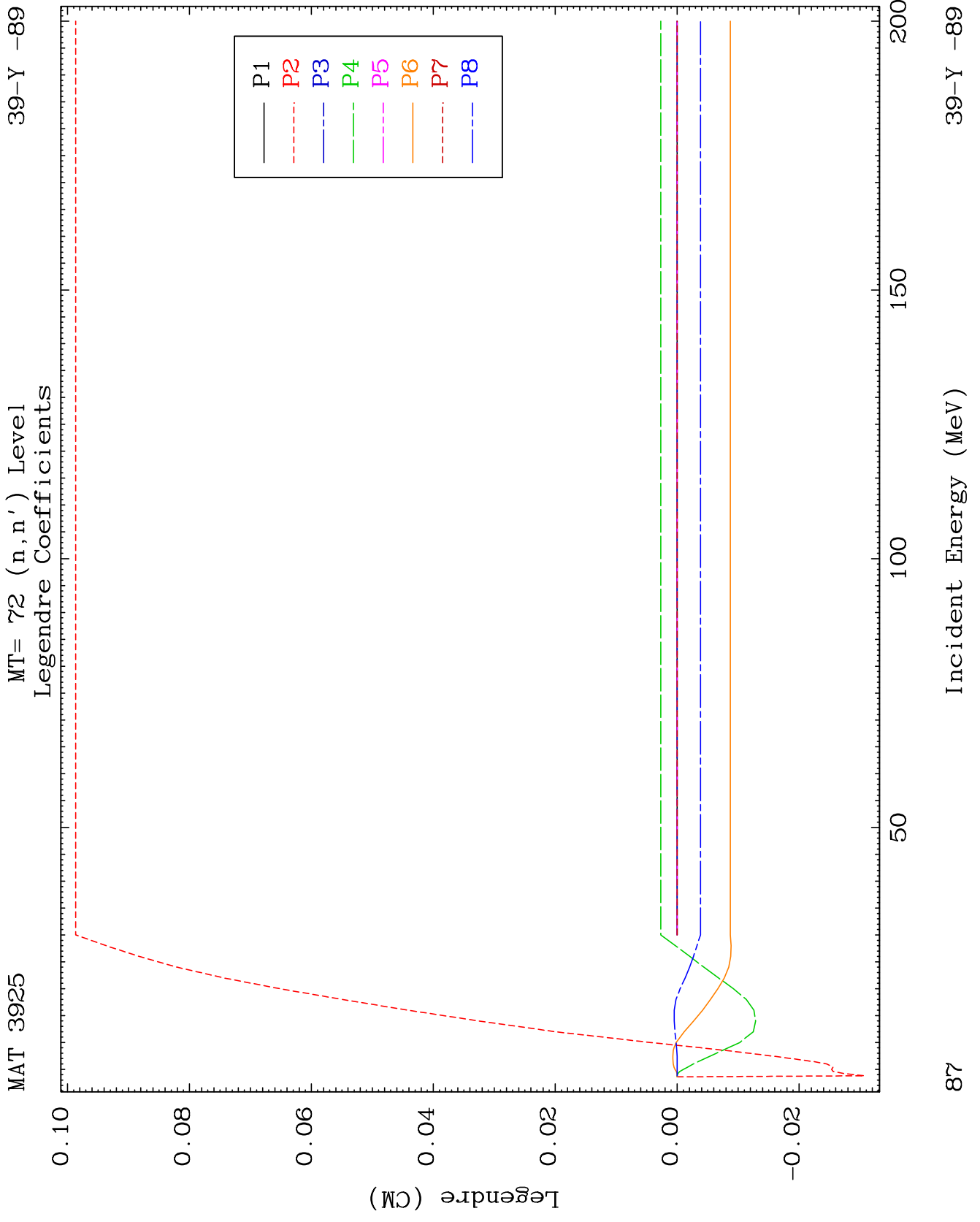
39-Y -89

MAT 3925

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

39-Y -89

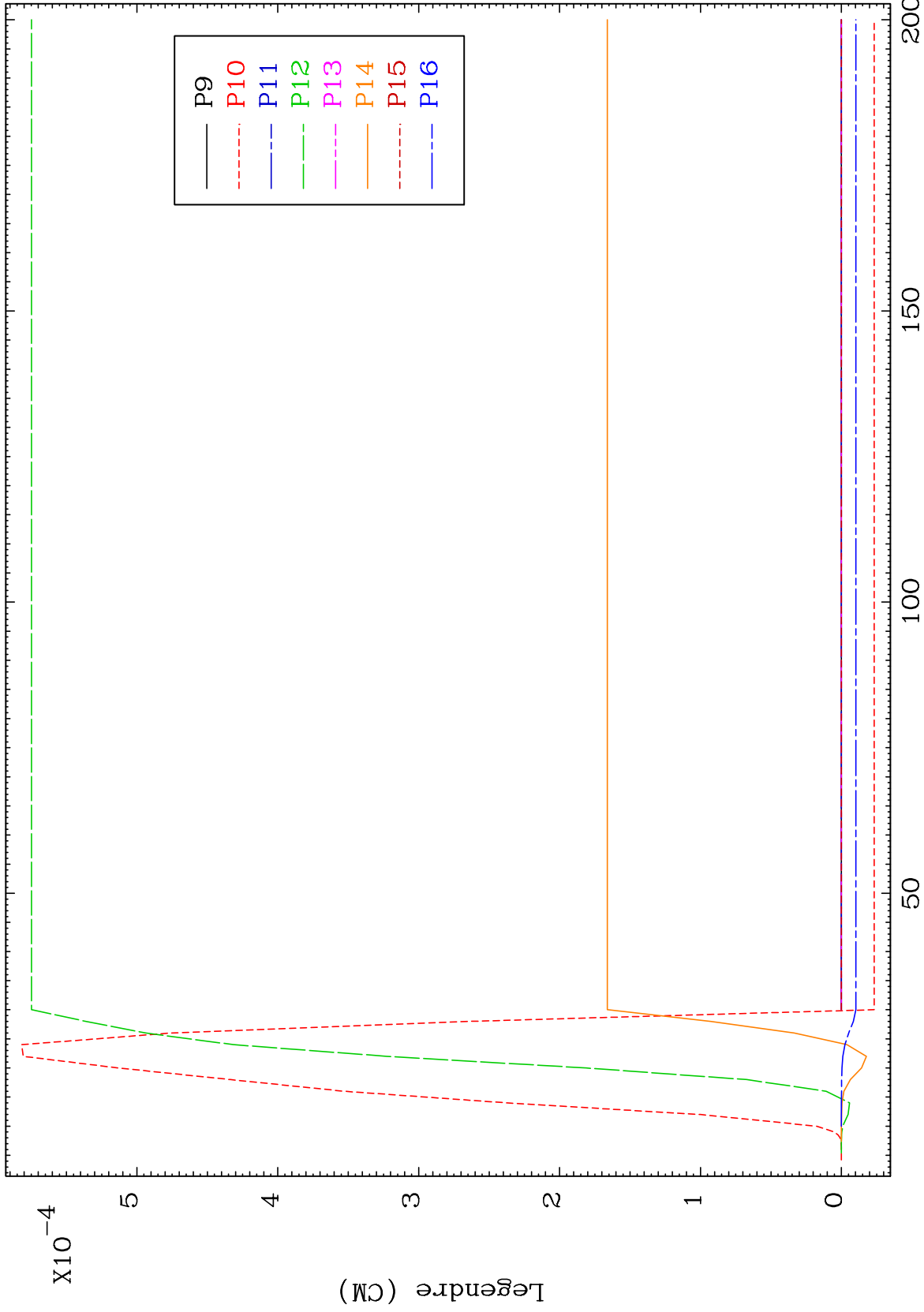




MAT 3925

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

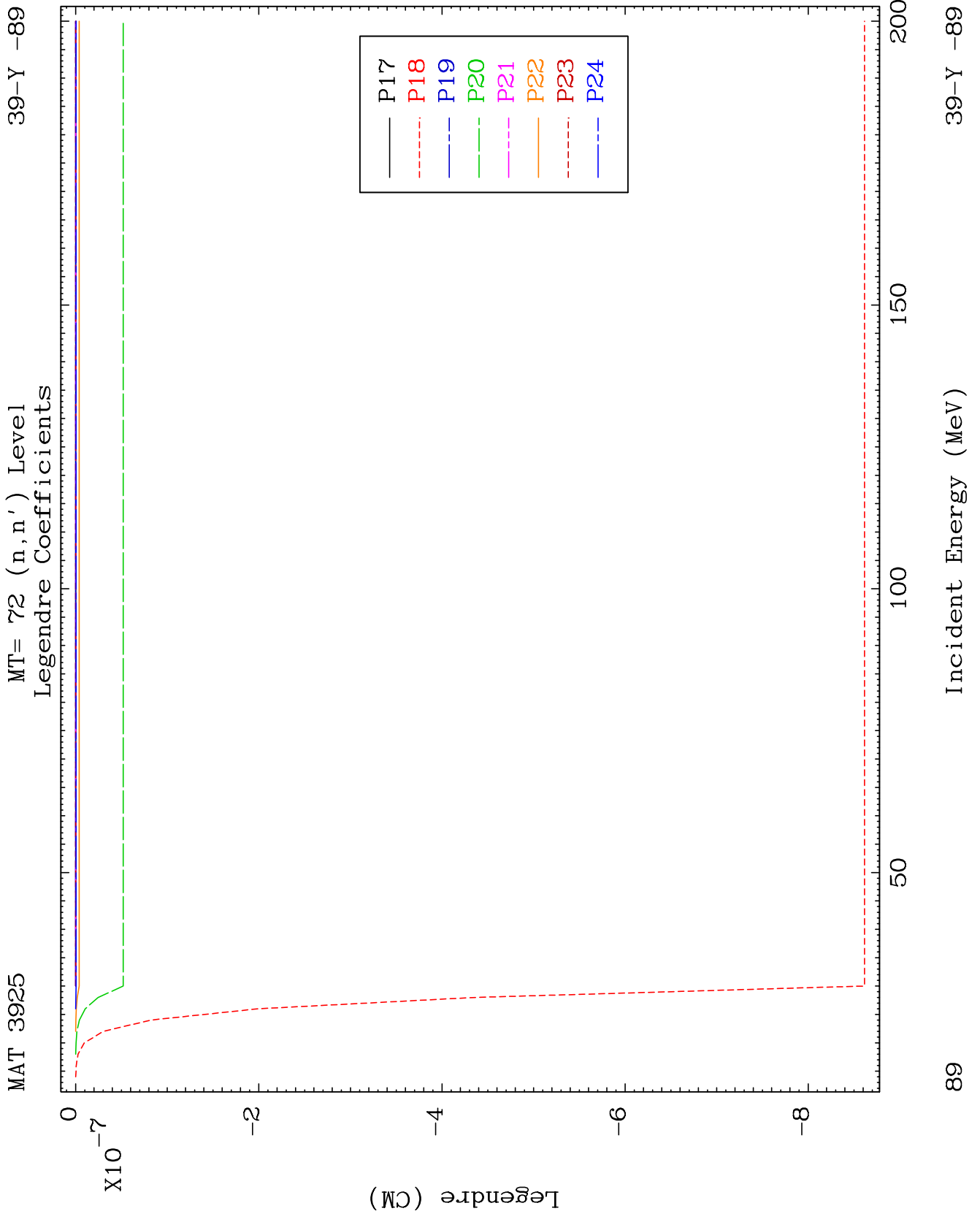
39-Y -89

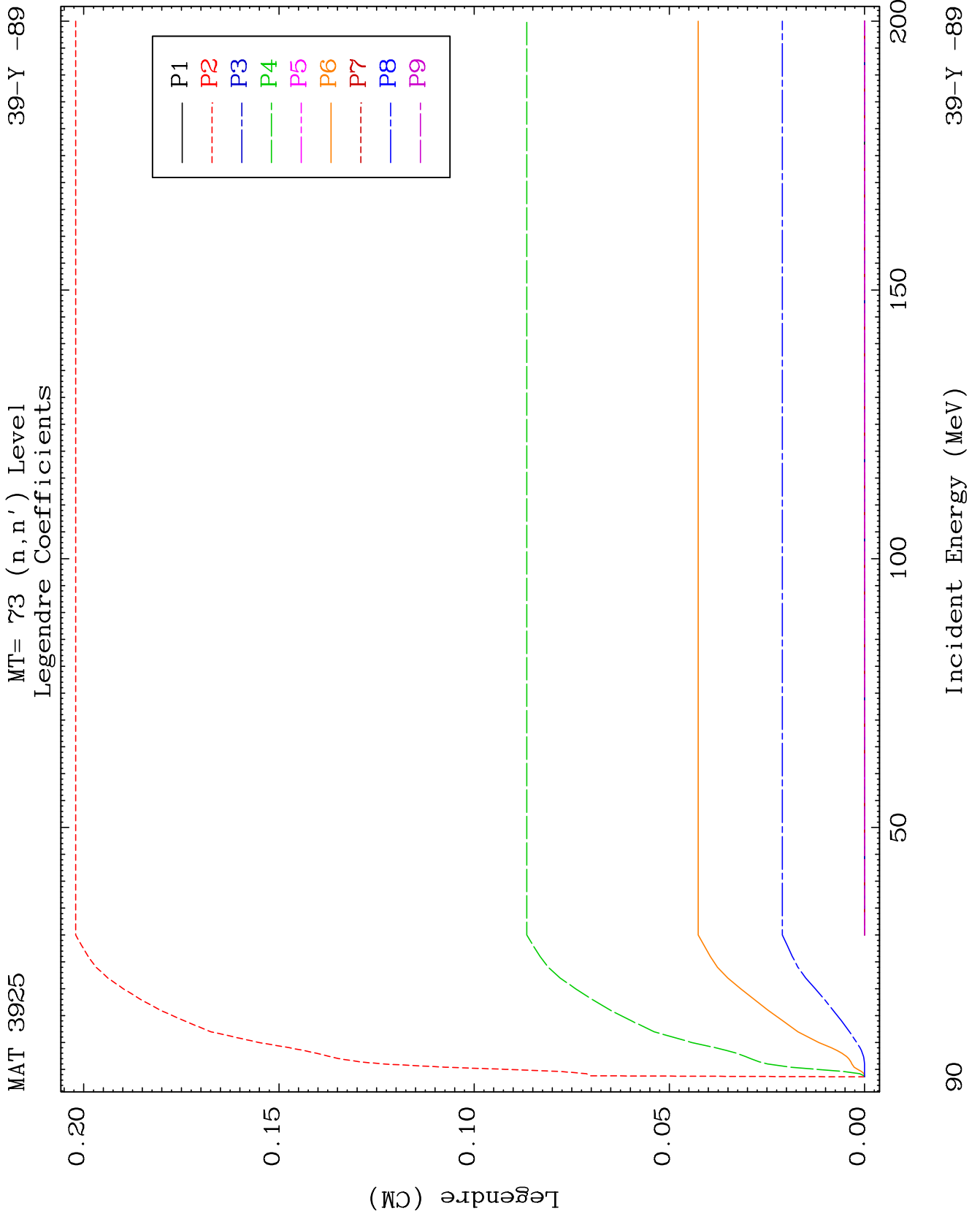


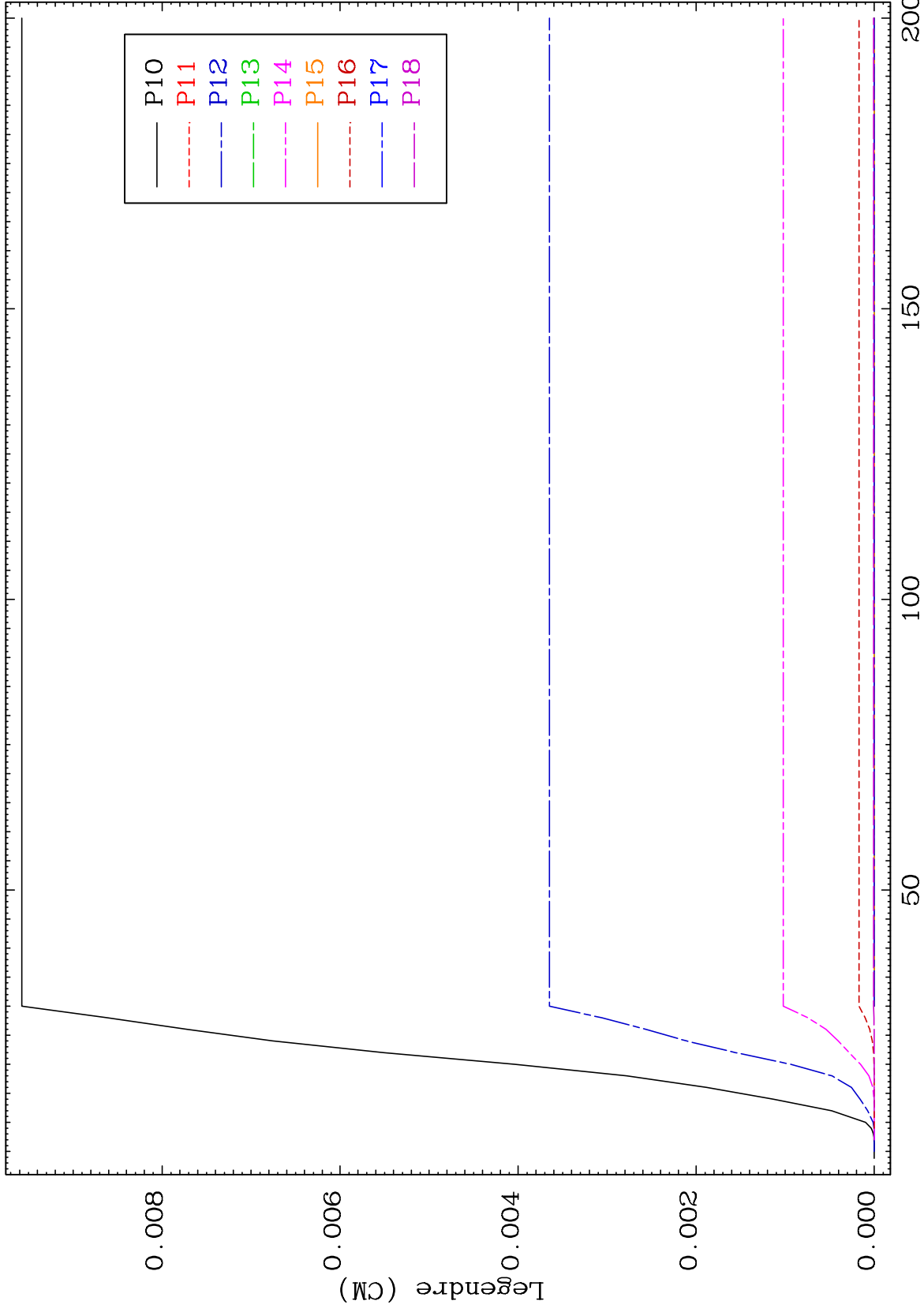
88

Incident Energy (MeV)

39-Y -89



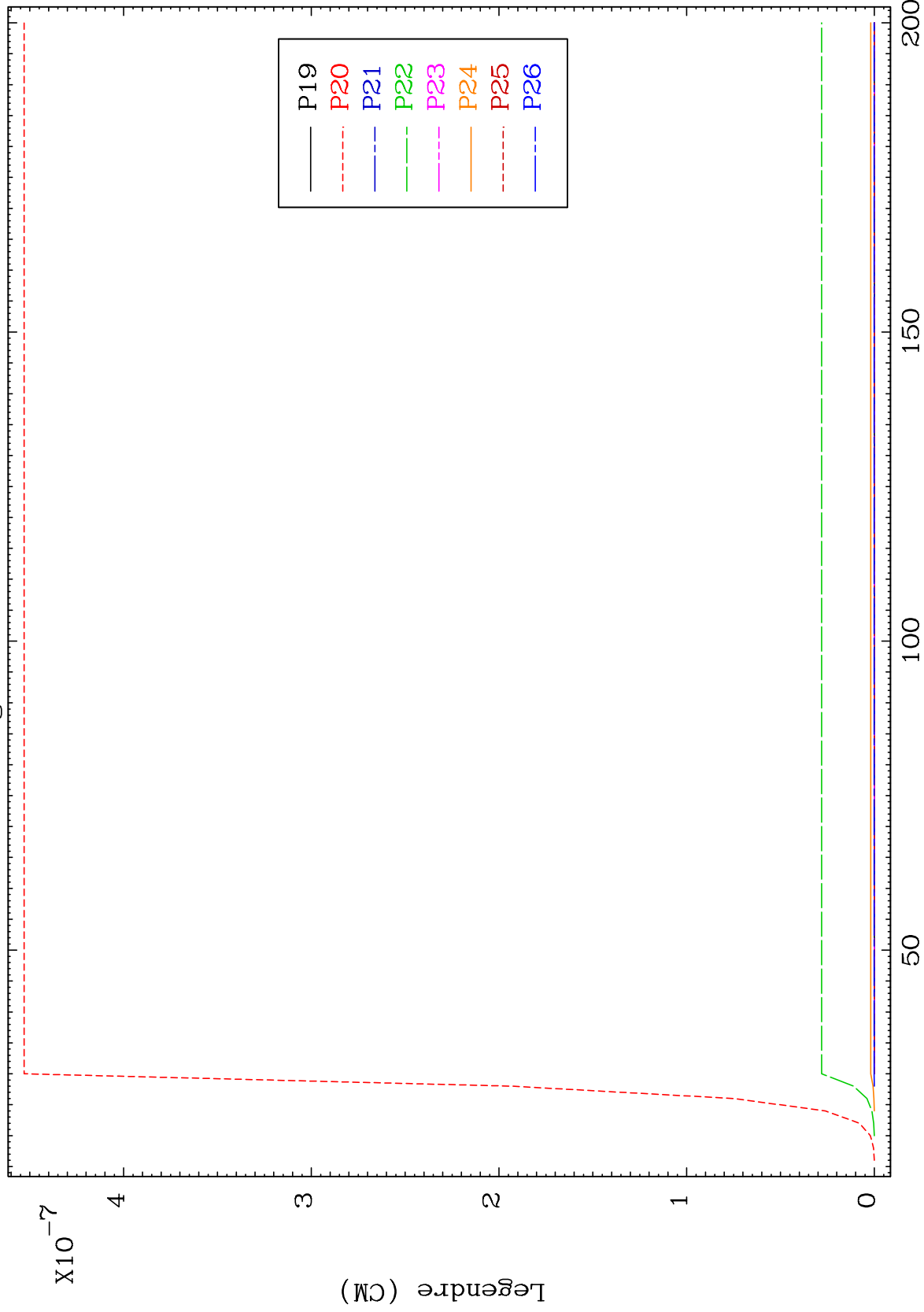




MAT 3925

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

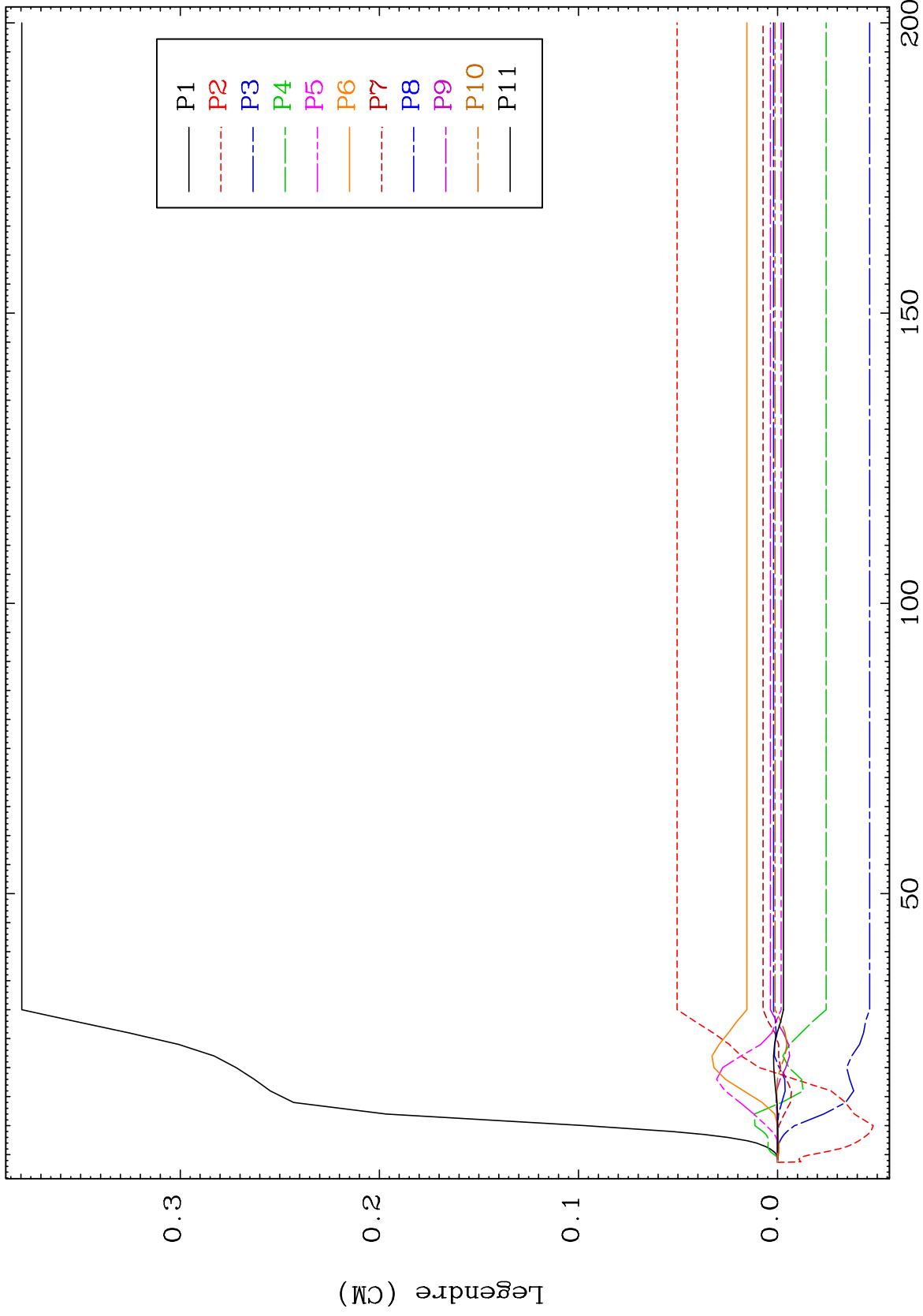
39-Y -89



92

Incident Energy (MeV)

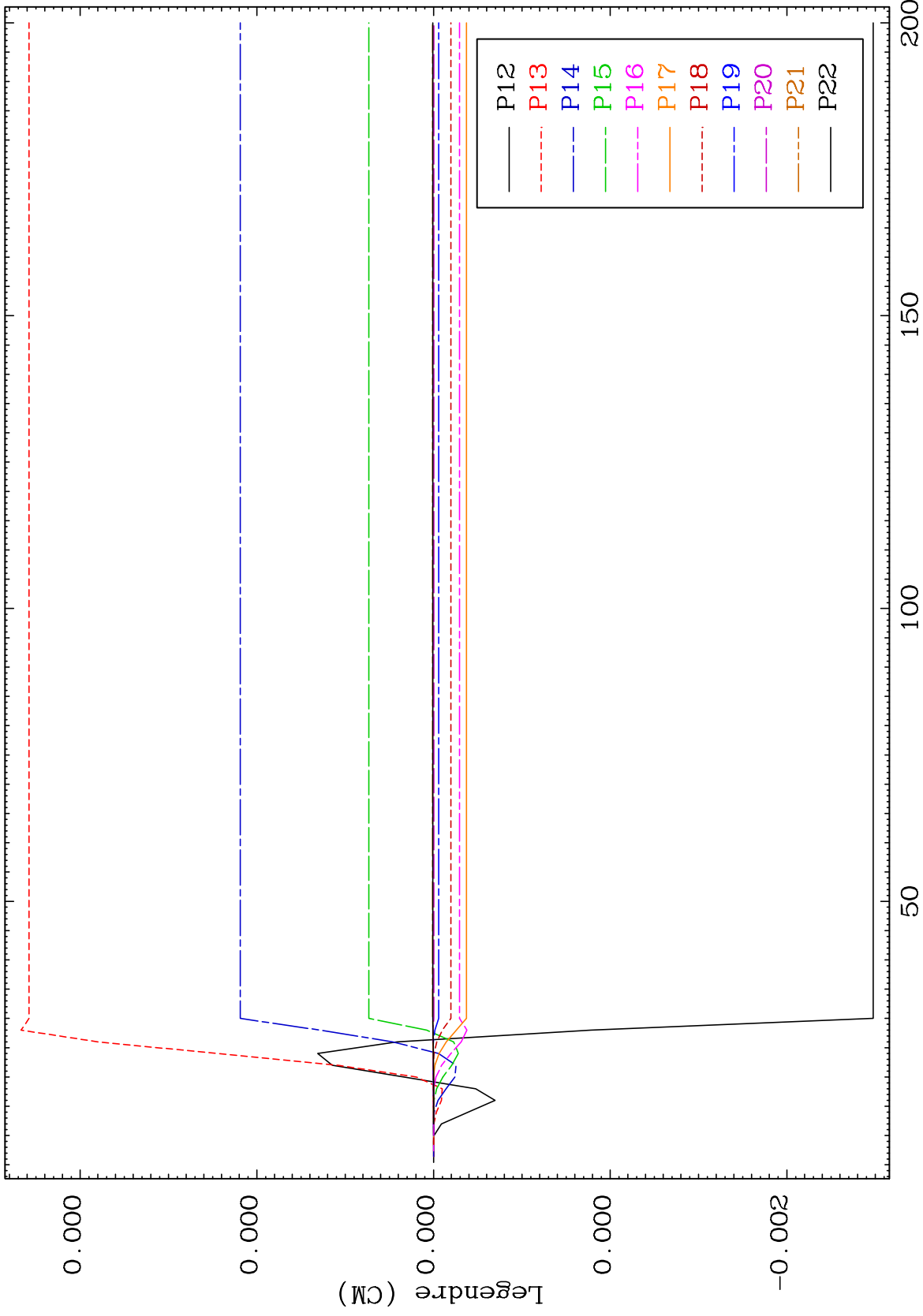
39-Y -89



MAT 3925

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

39-Y -89



94

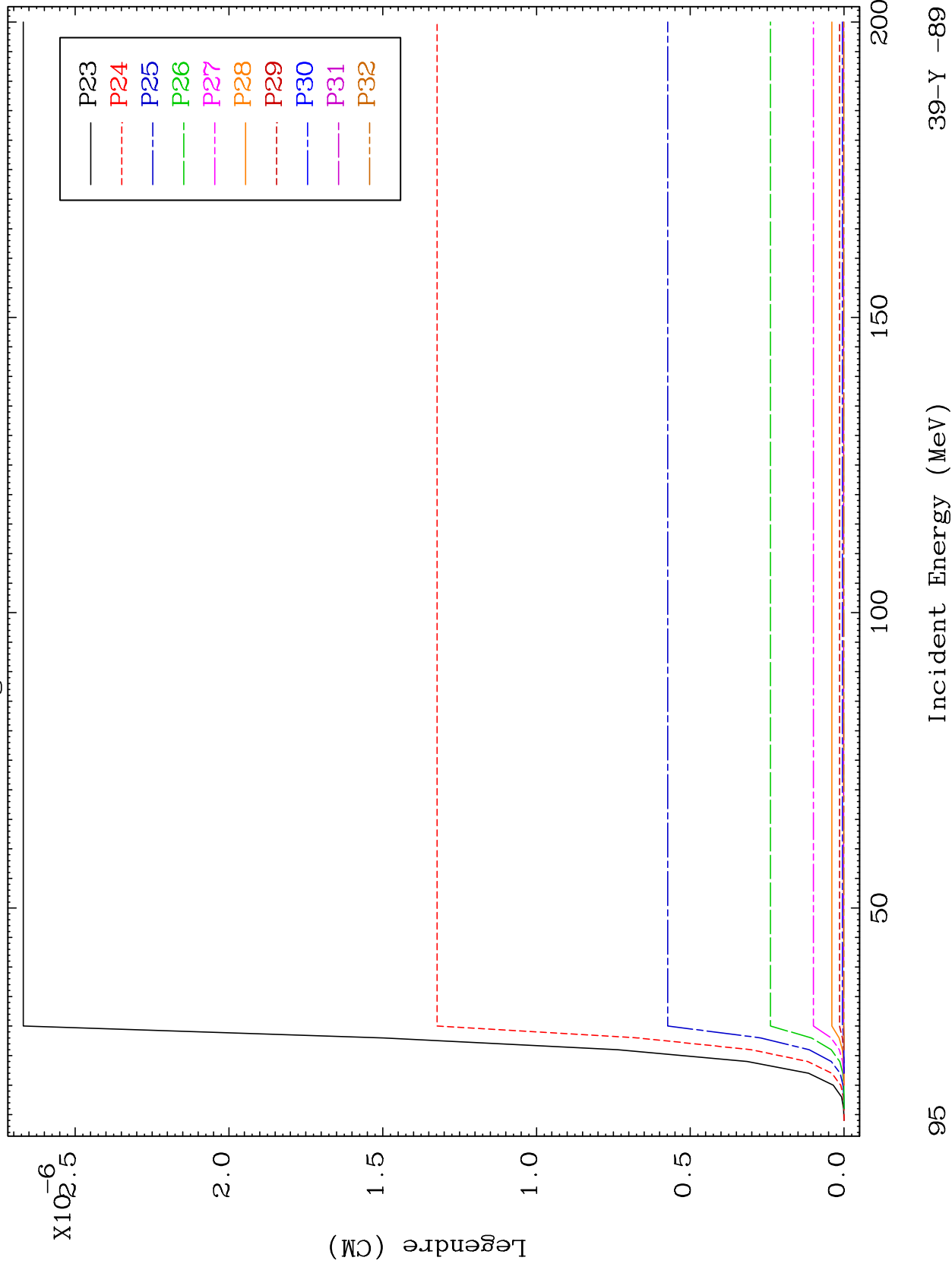
Incident Energy (MeV)

39-Y -89

MAT 3925

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

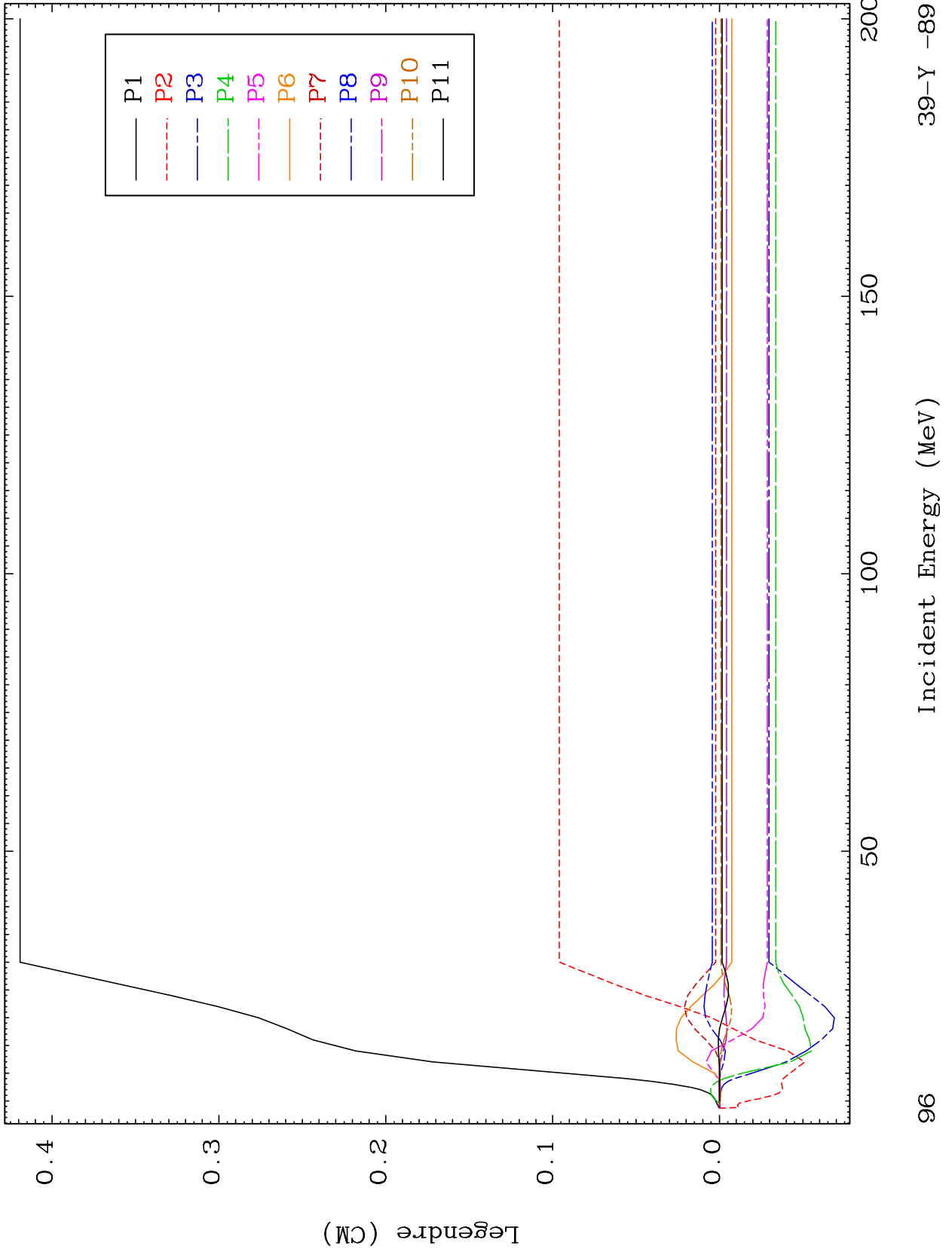
39-Y -89



95

Incident Energy (MeV)

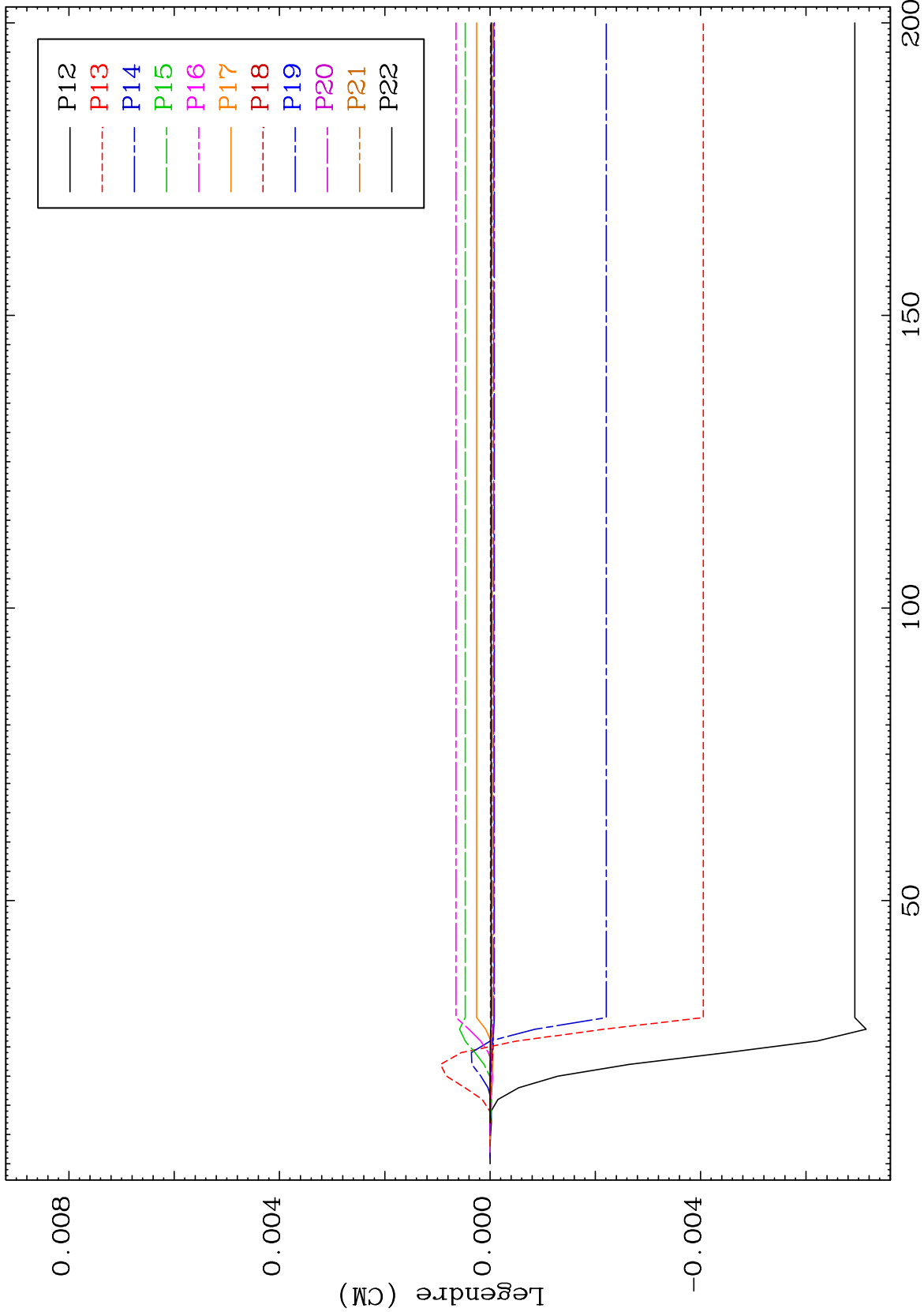
39-Y -89



MAT 3925

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

39-Y -89



97

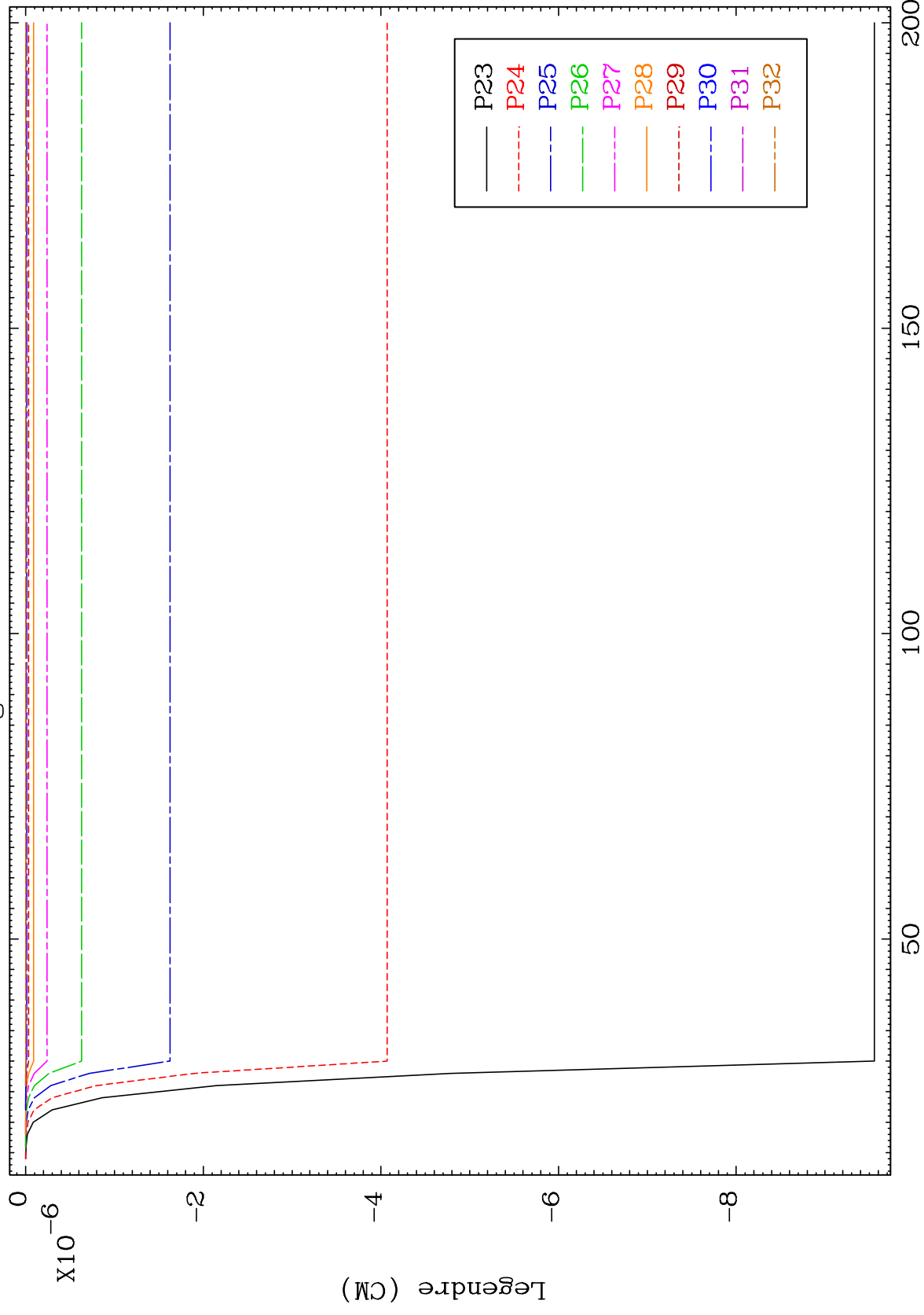
Incident Energy (MeV)

39-Y -89

MAT 3925

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

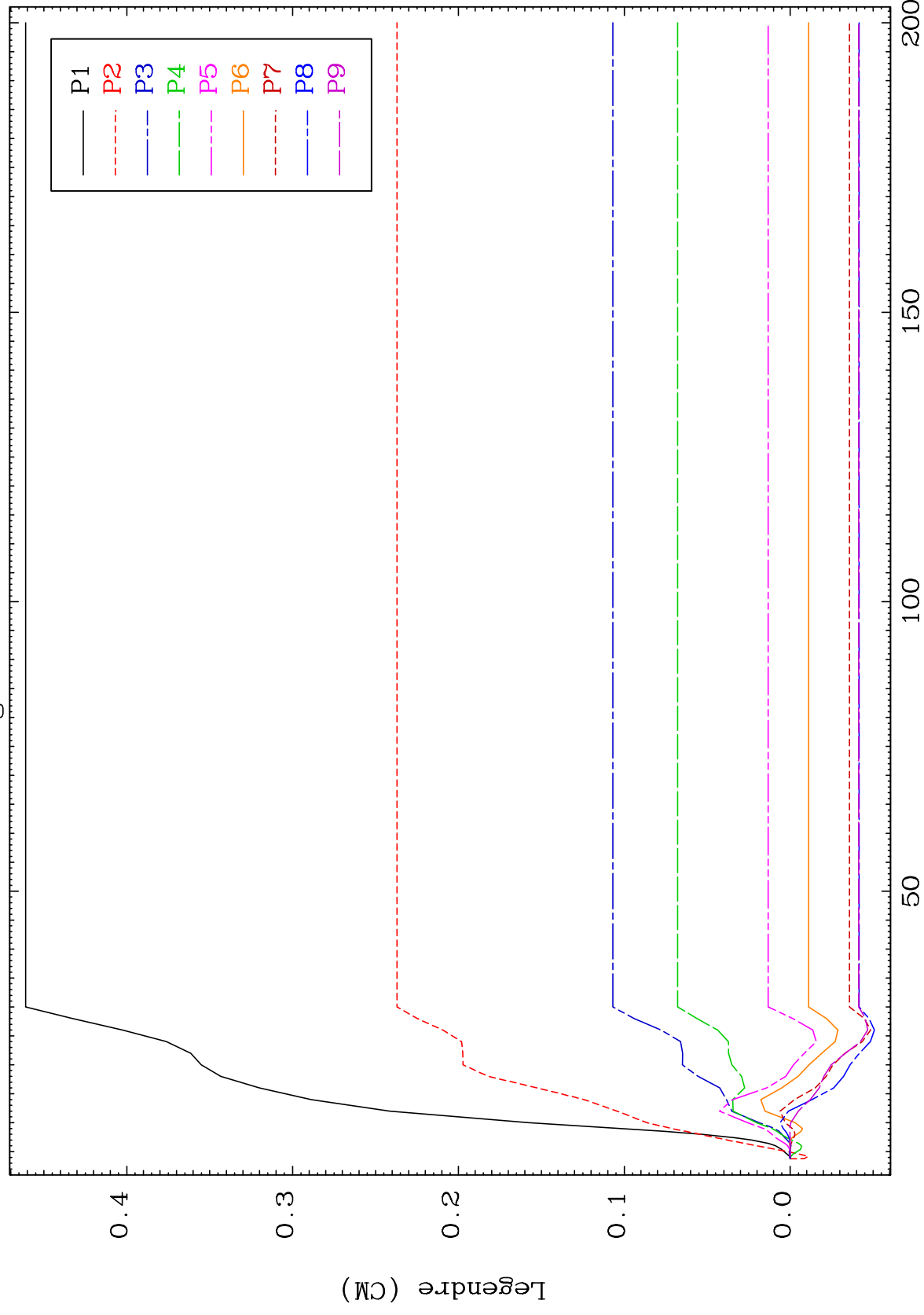
39-Y -89



98

Incident Energy (MeV)

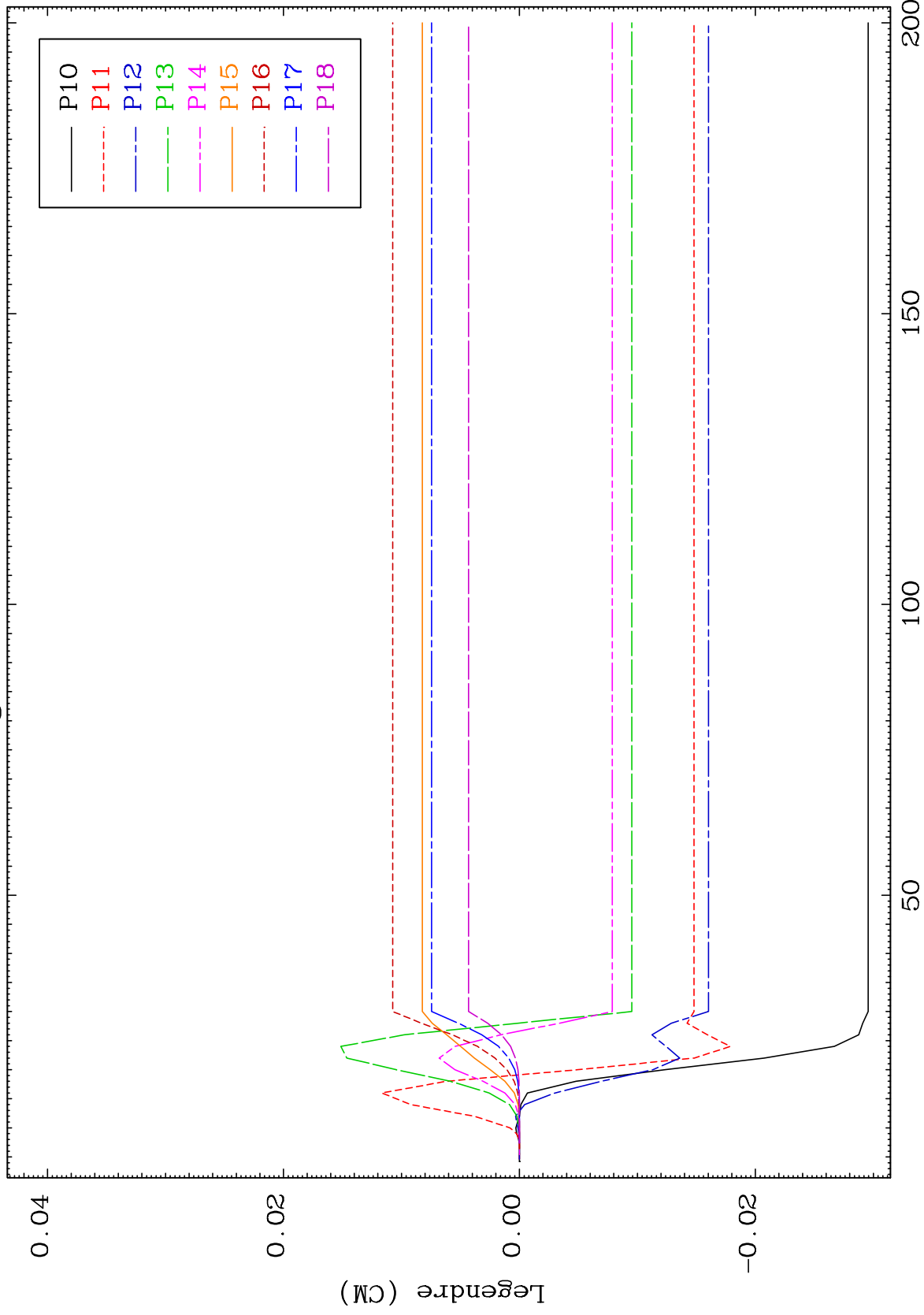
39-Y -89



MAT 3925

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

39-Y -89



100

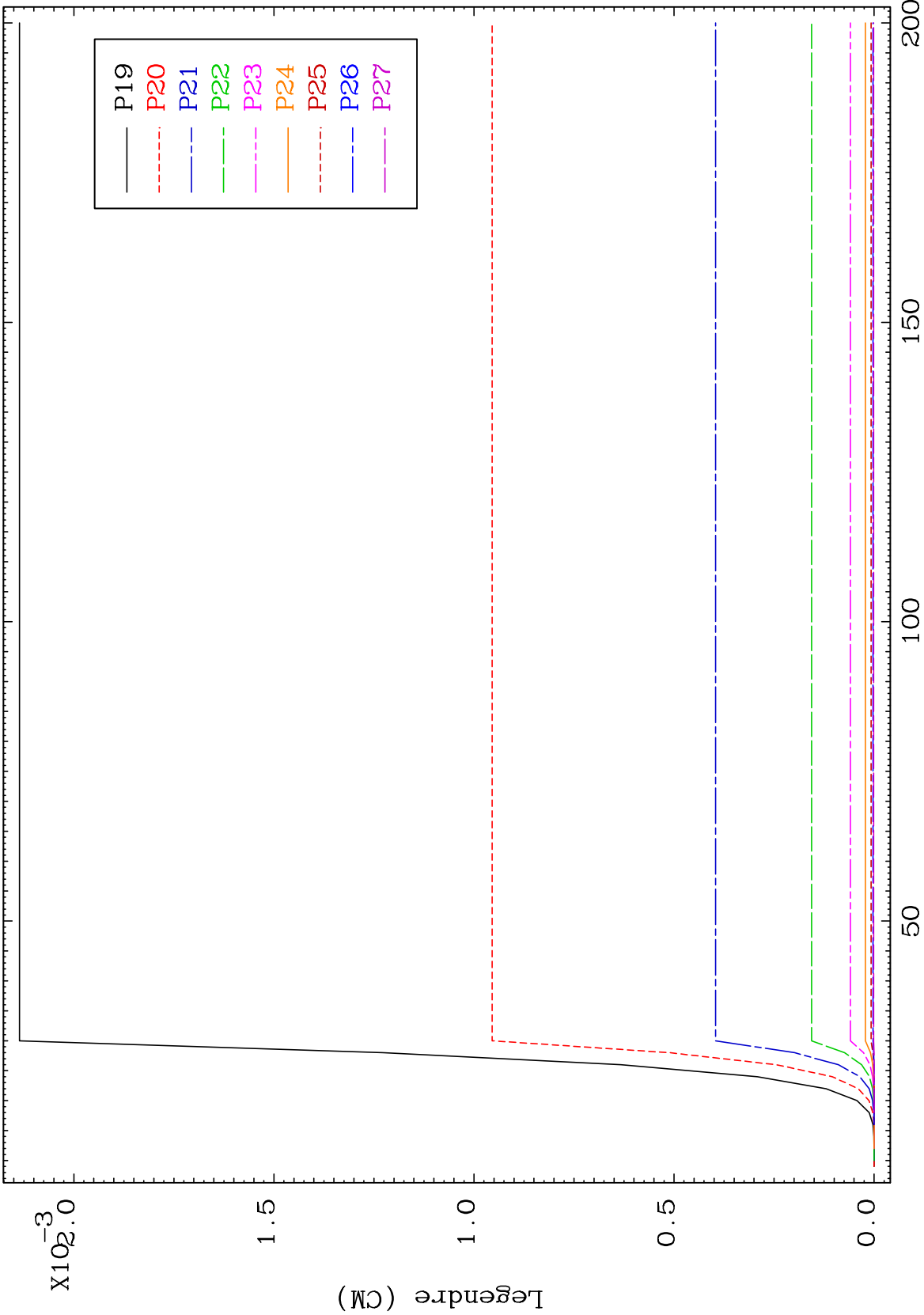
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



101

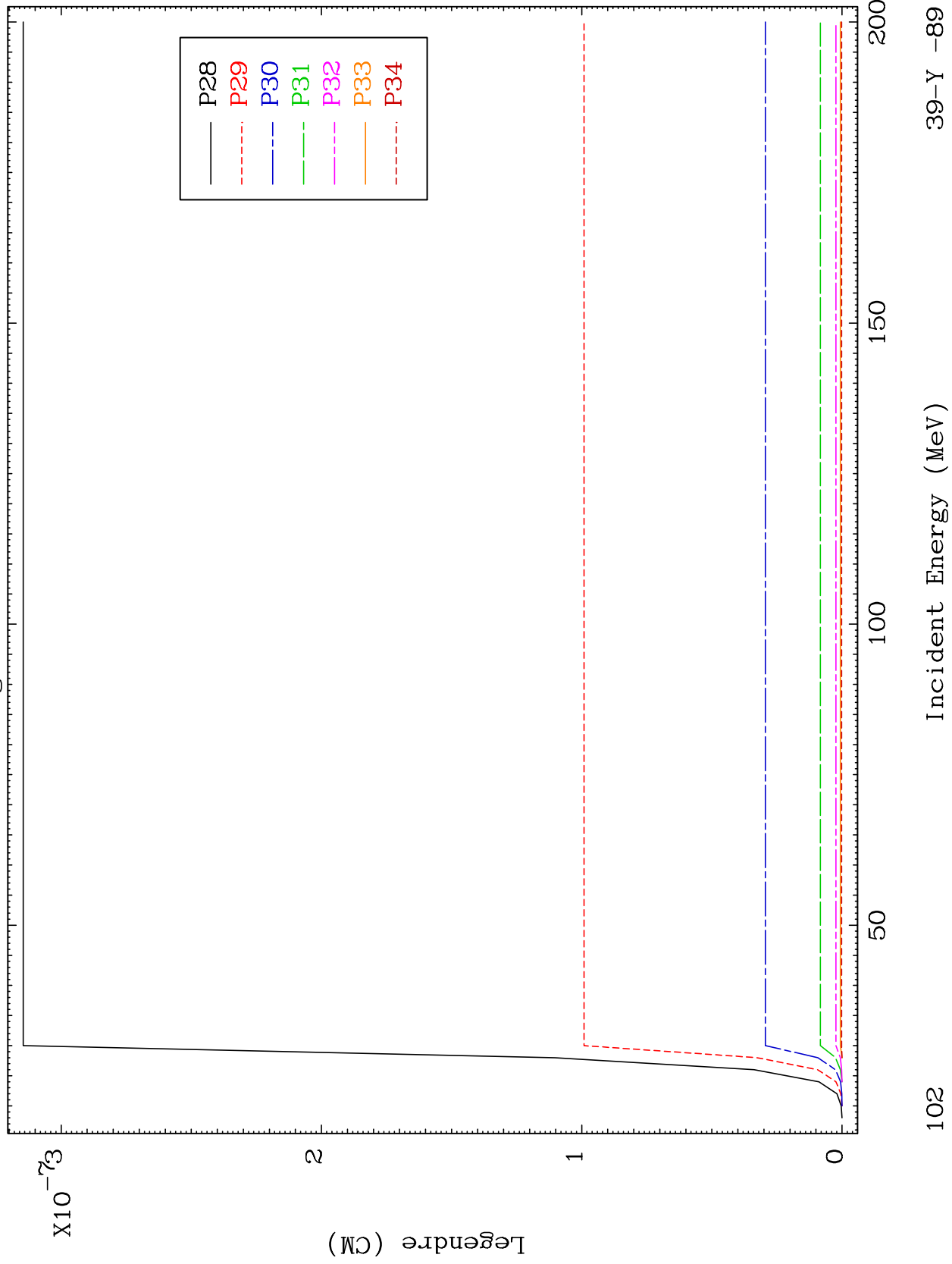
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



102

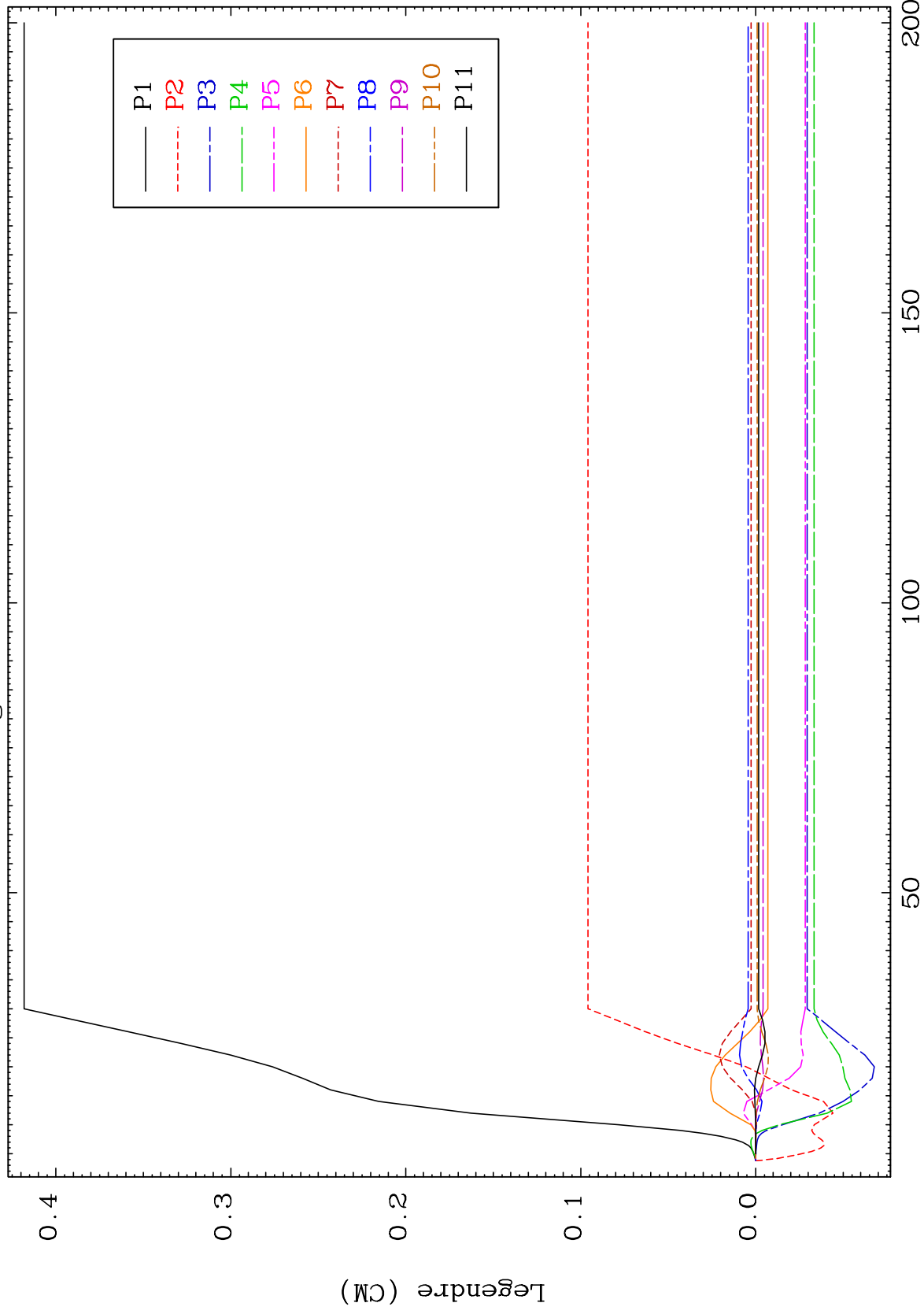
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



103

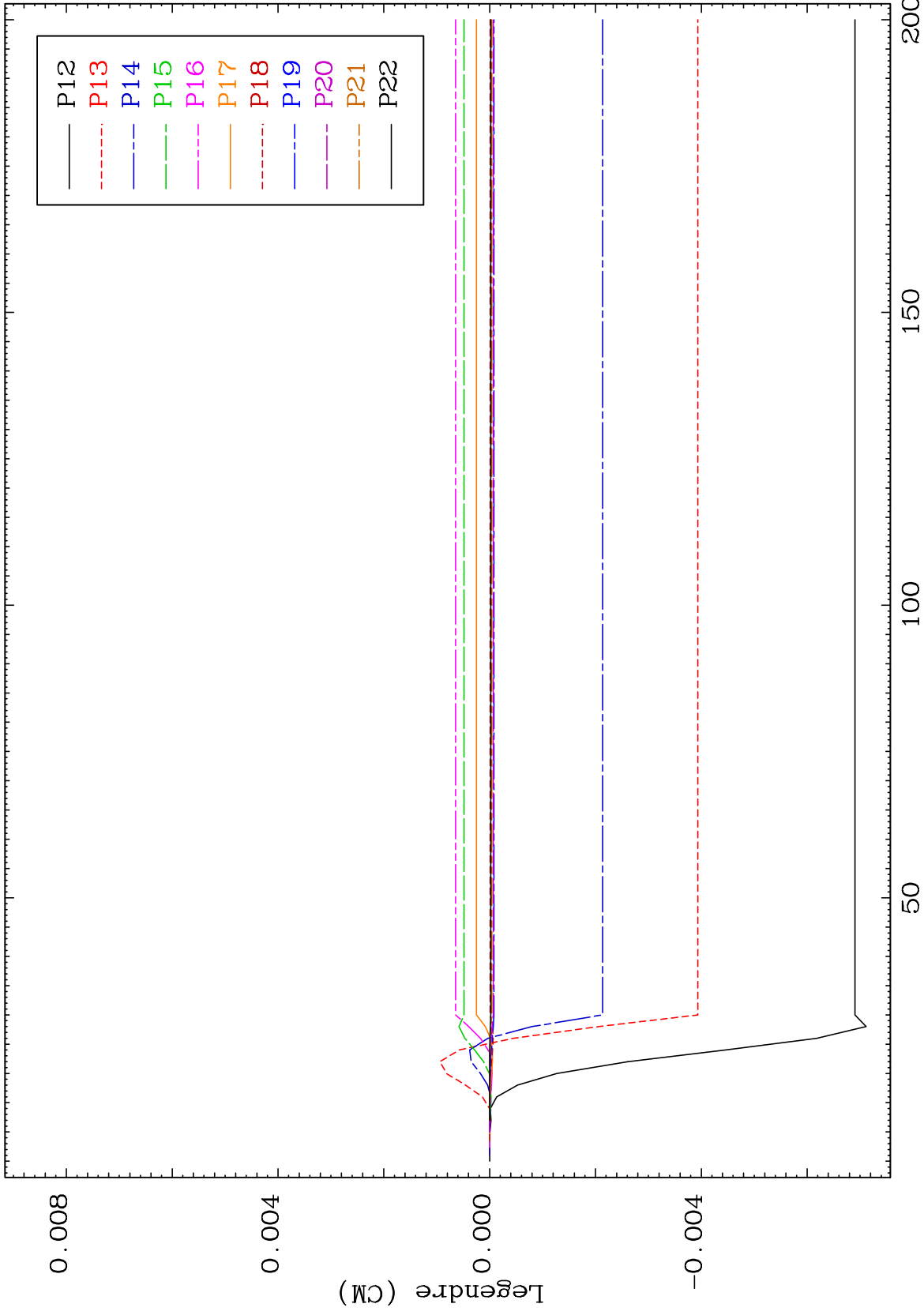
Incident Energy (MeV)

39-Y -89

MAT 3925

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

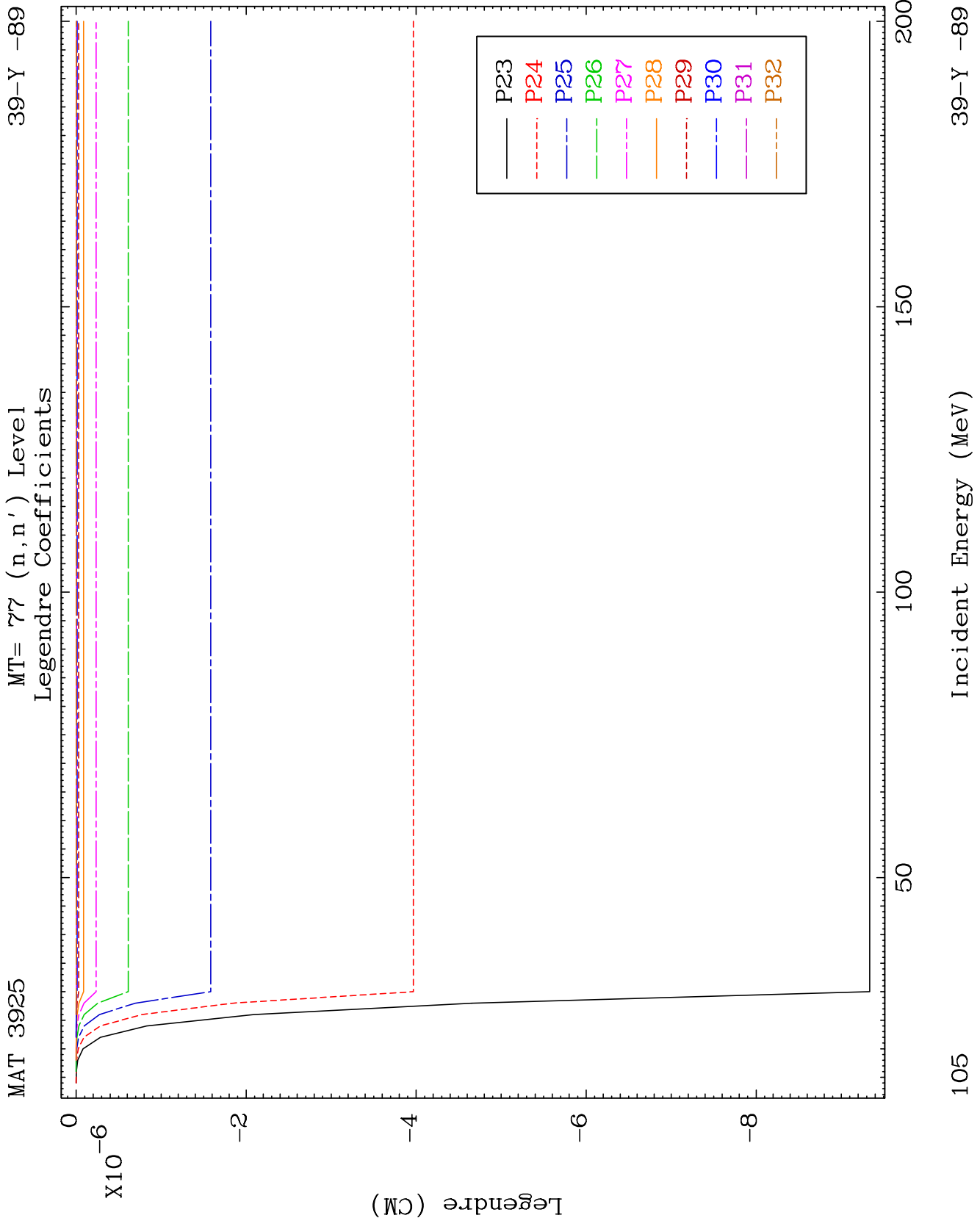
39-Y -89



104

Incident Energy (MeV)

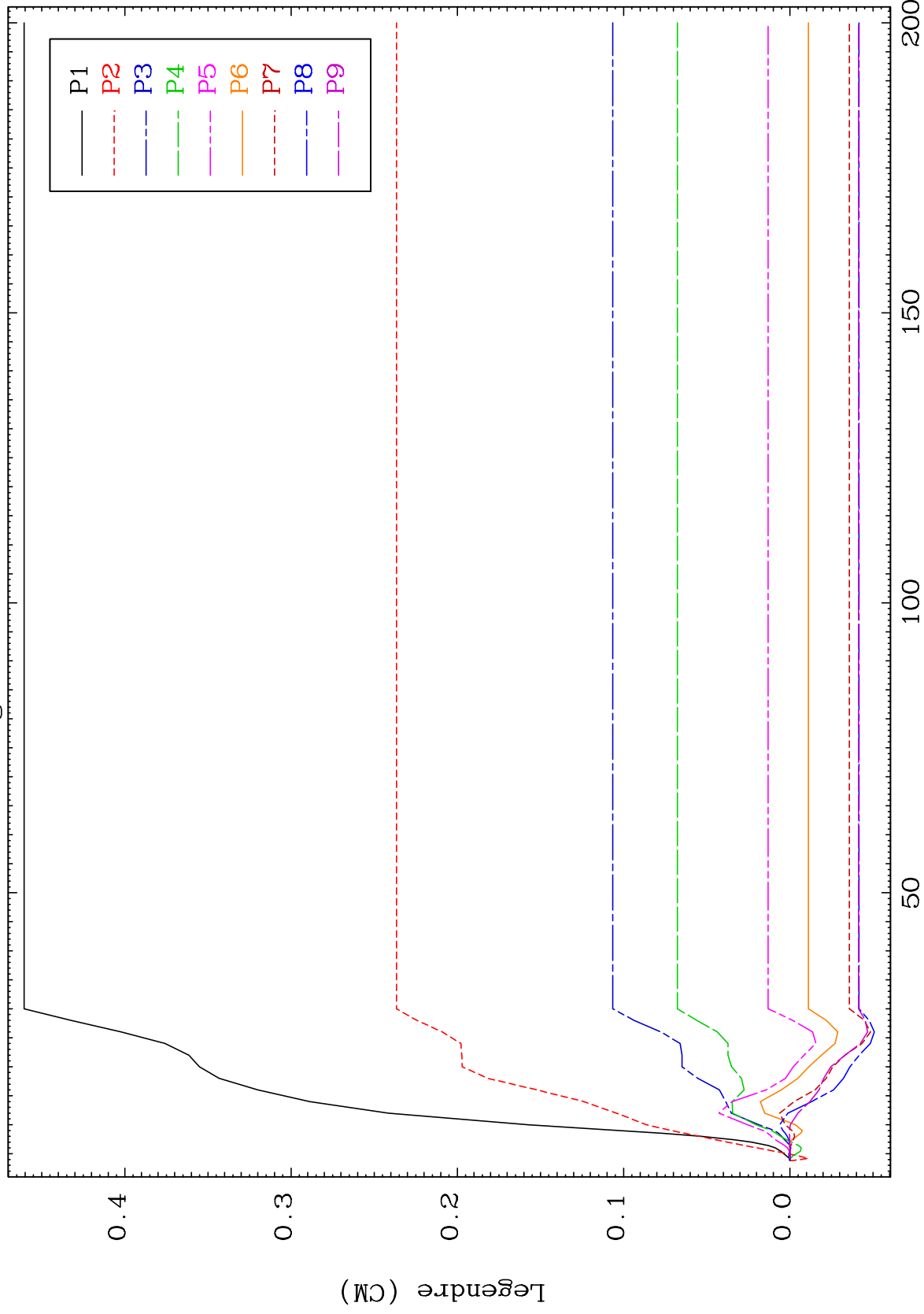
39-Y -89



MAT 3925

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

39-Y -89



106

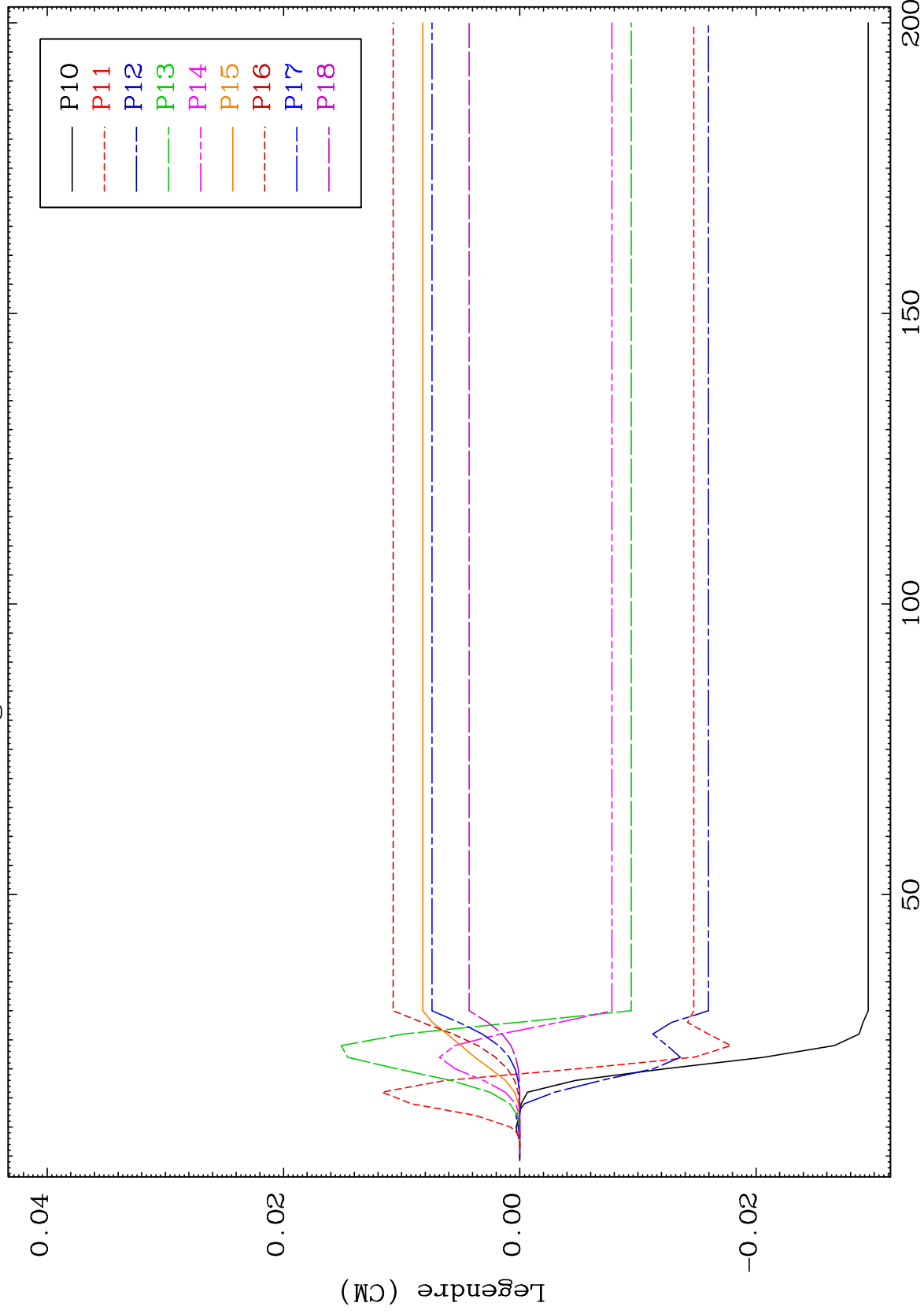
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



107

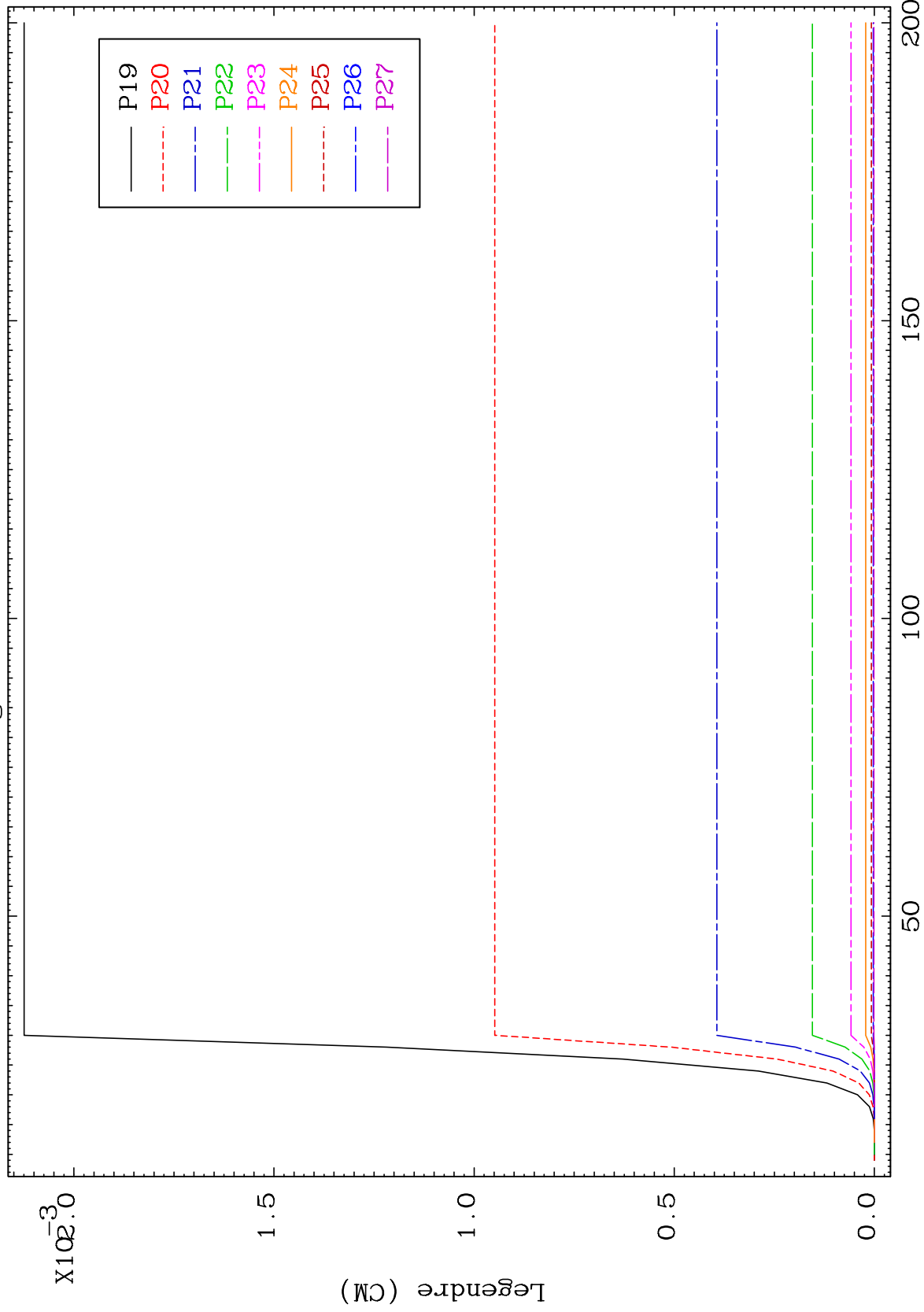
Incident Energy (MeV)

39-Y -89

MAT 3925

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

39-Y -89



108

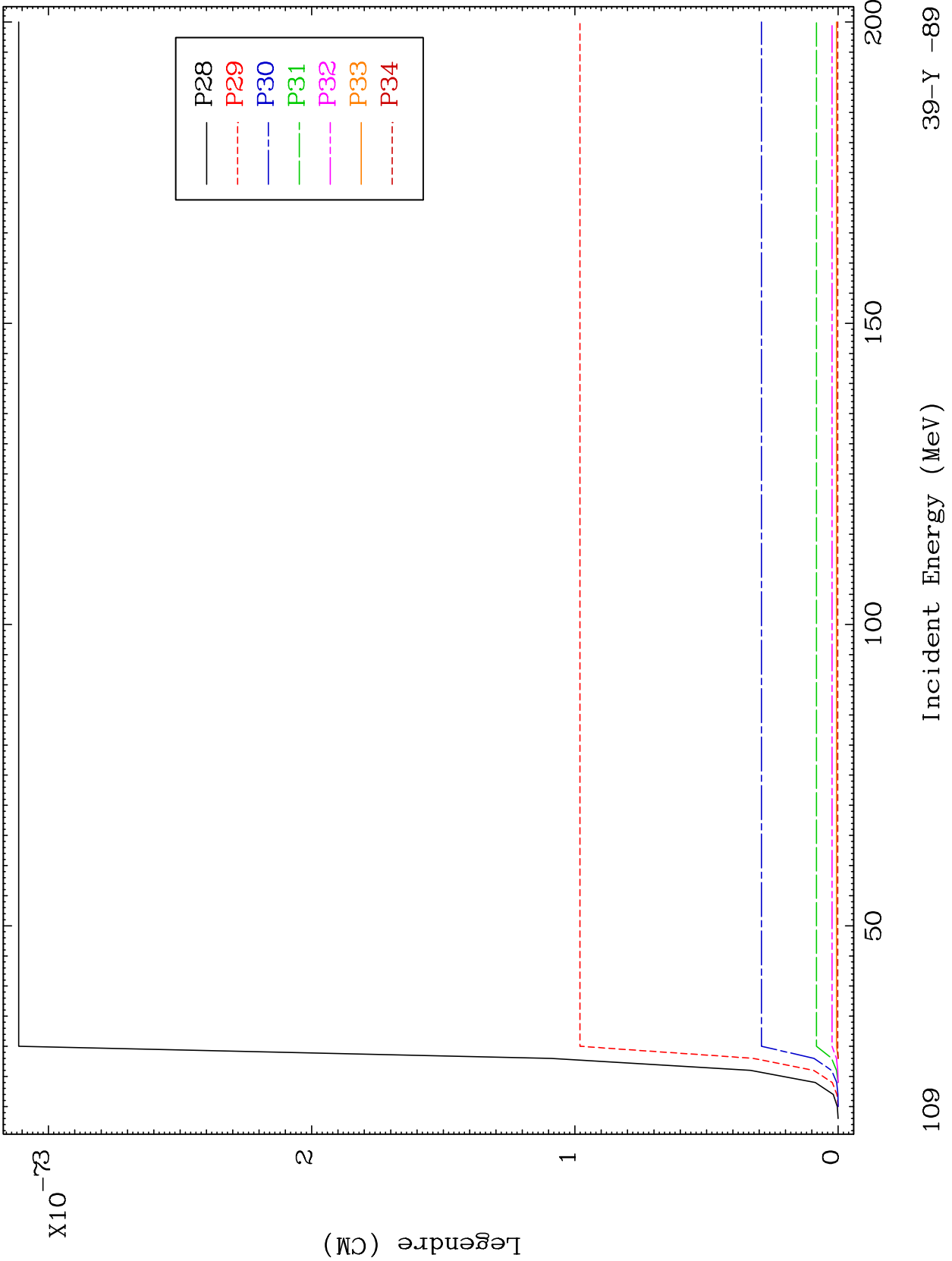
Incident Energy (MeV)

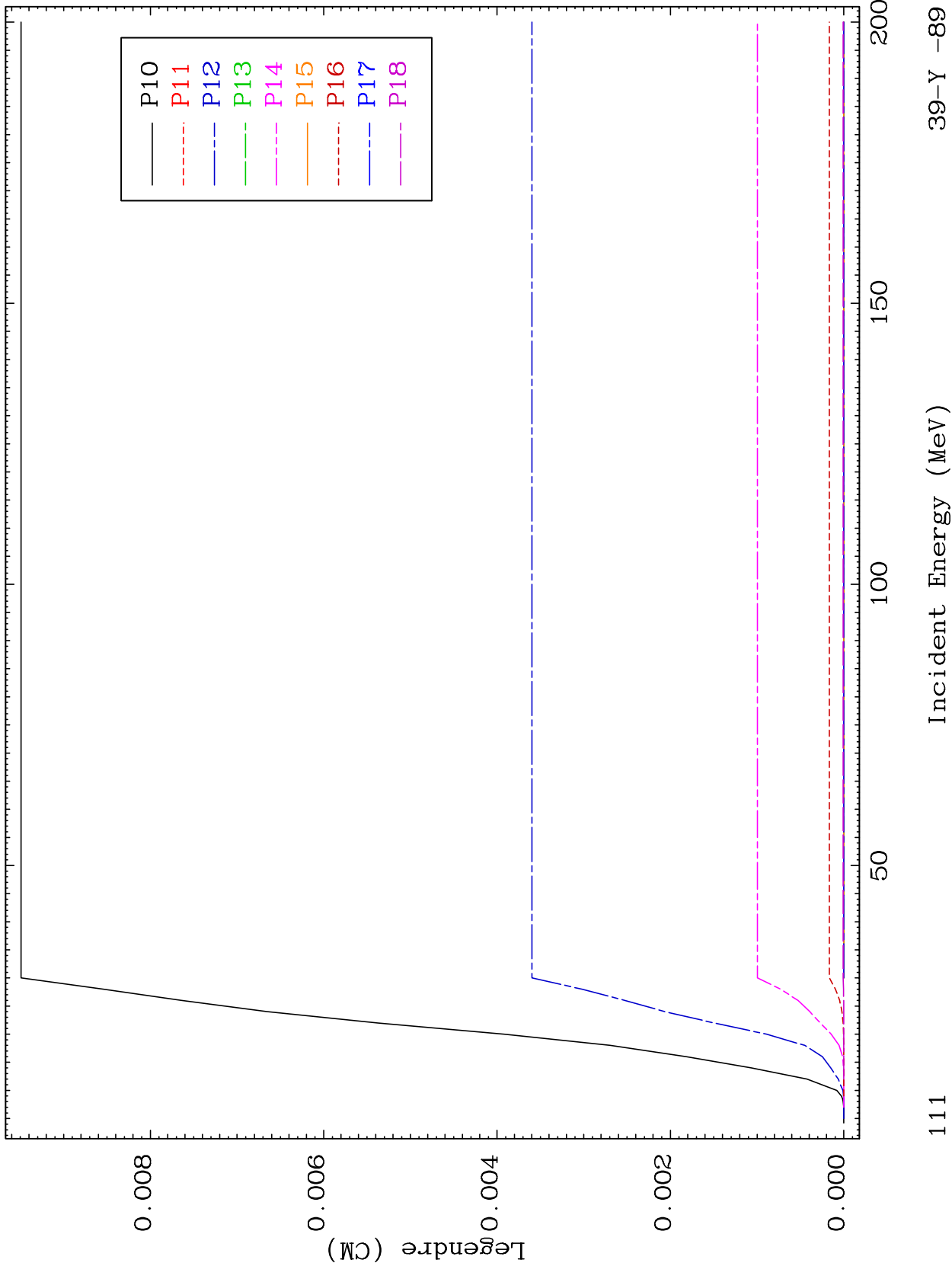
39-Y -89

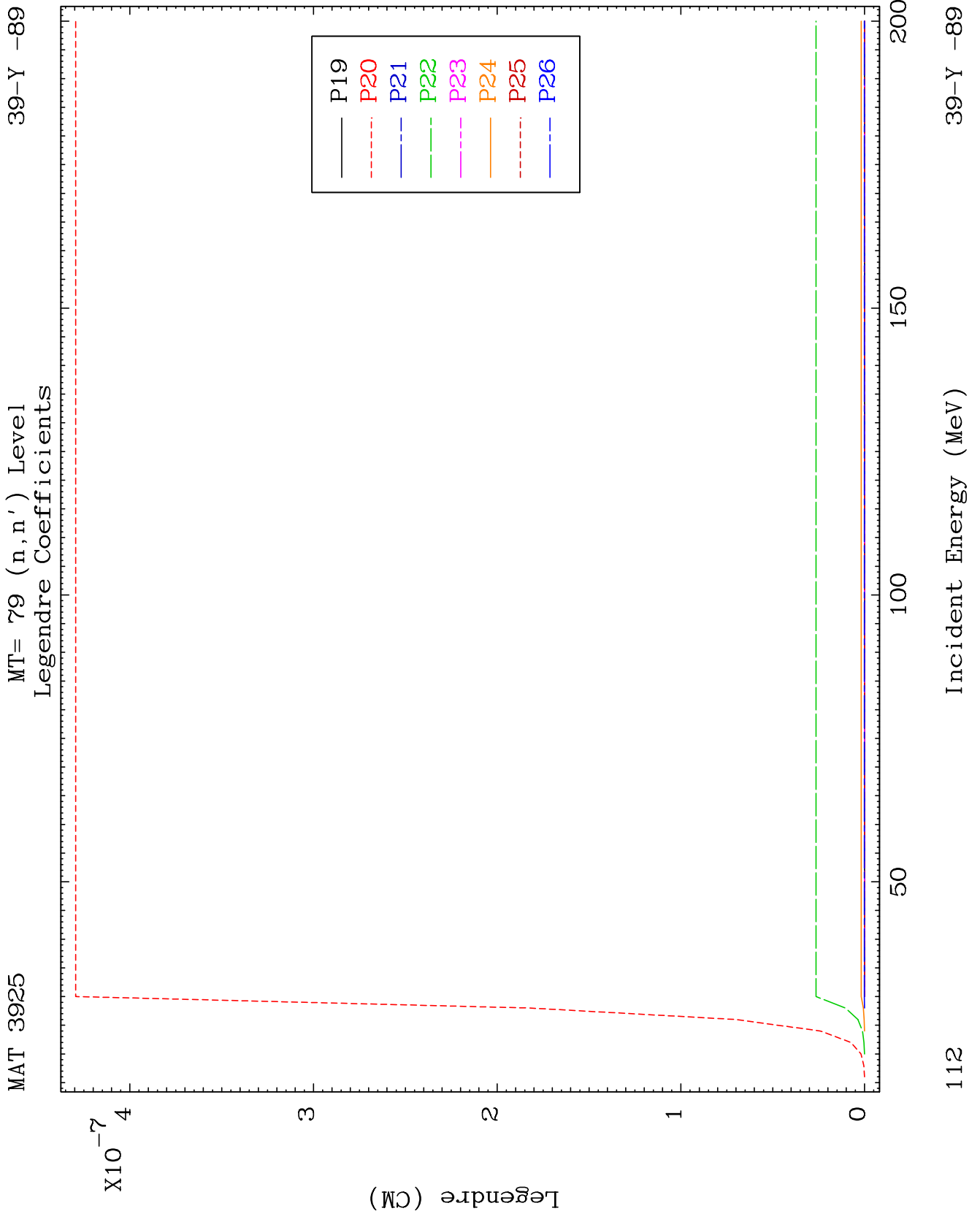
MAT 3925

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

39-Y -89



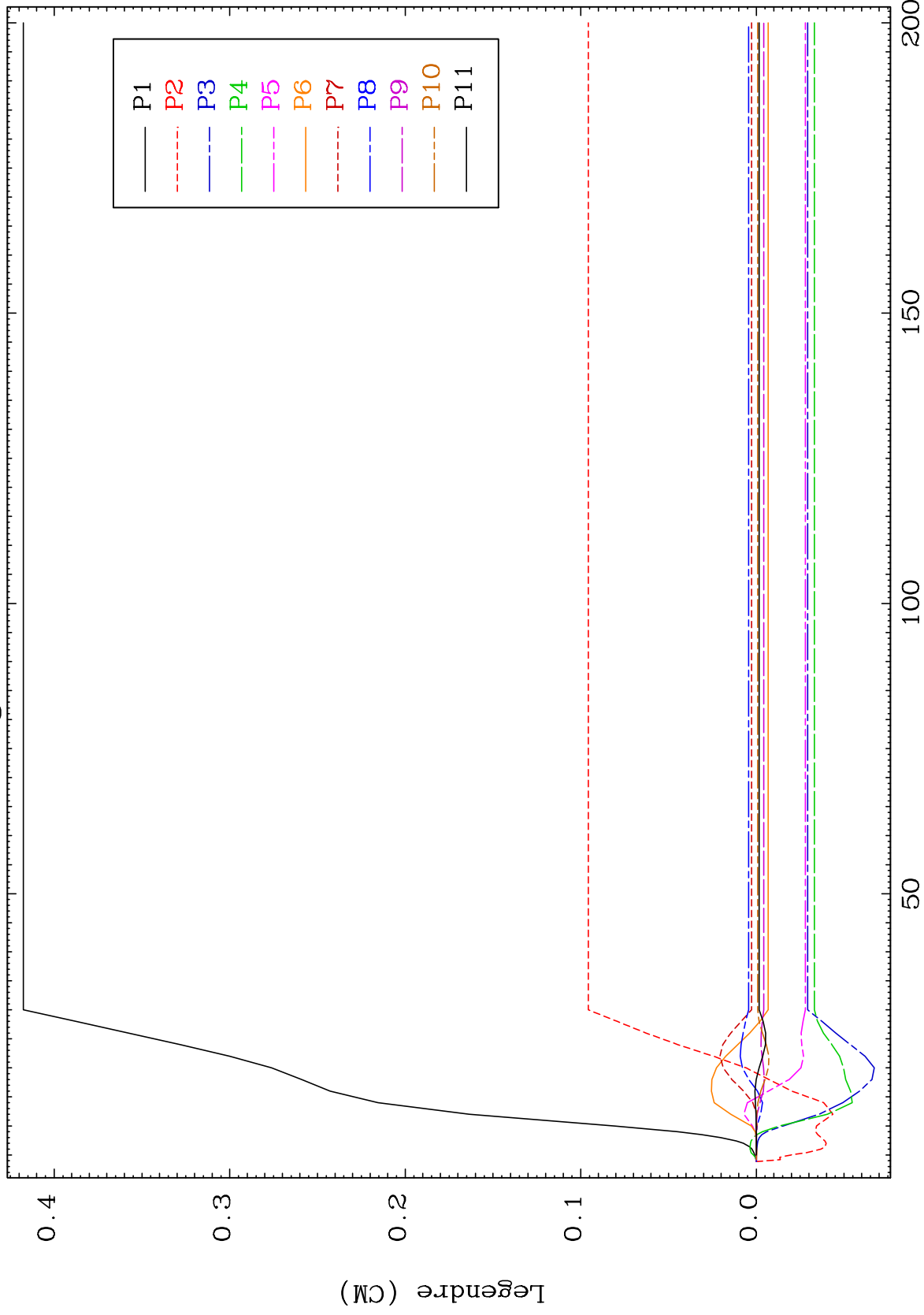




MAT 3925

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

39-Y -89



113

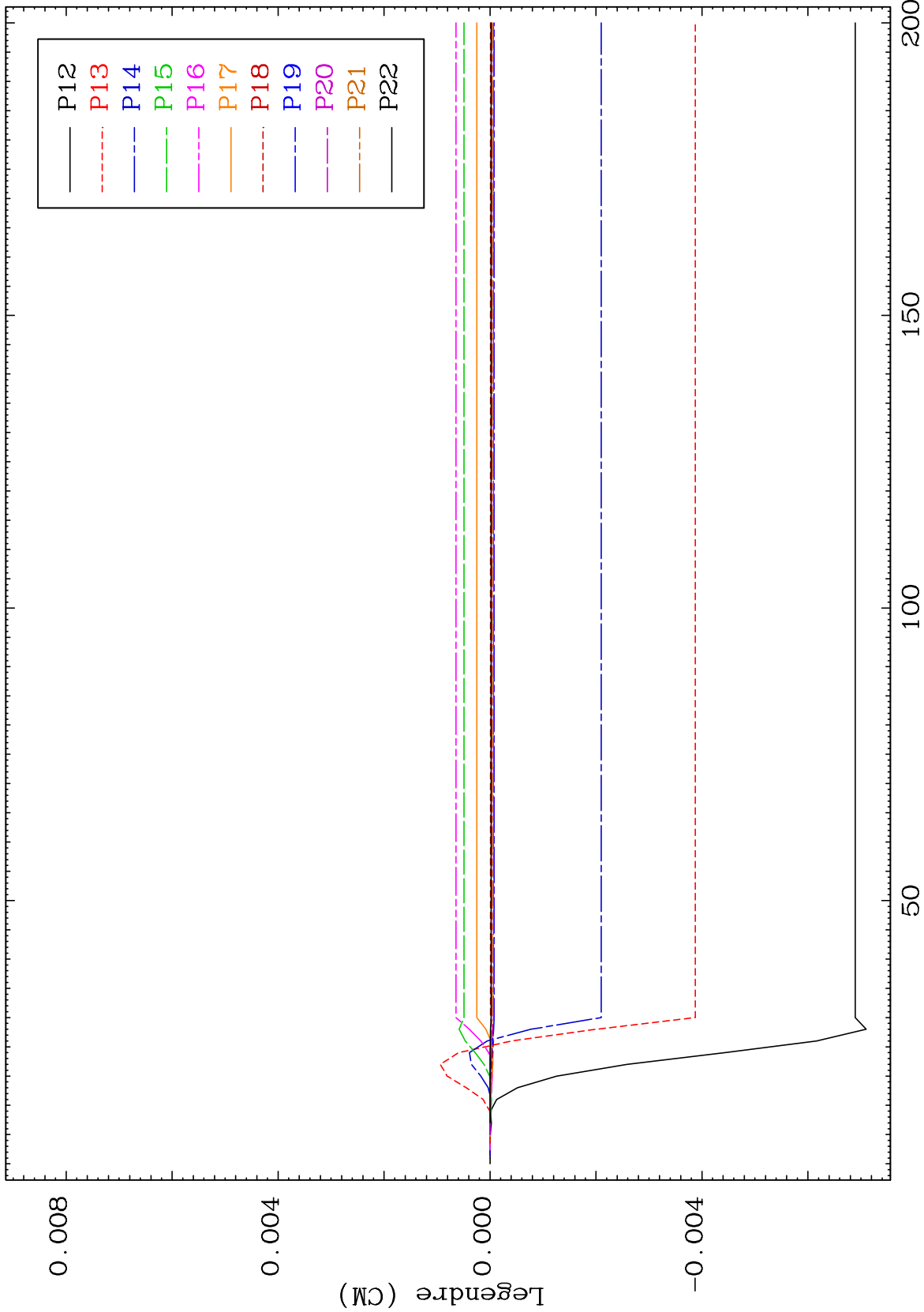
Incident Energy (MeV)

39-Y -89

MAT 3925

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

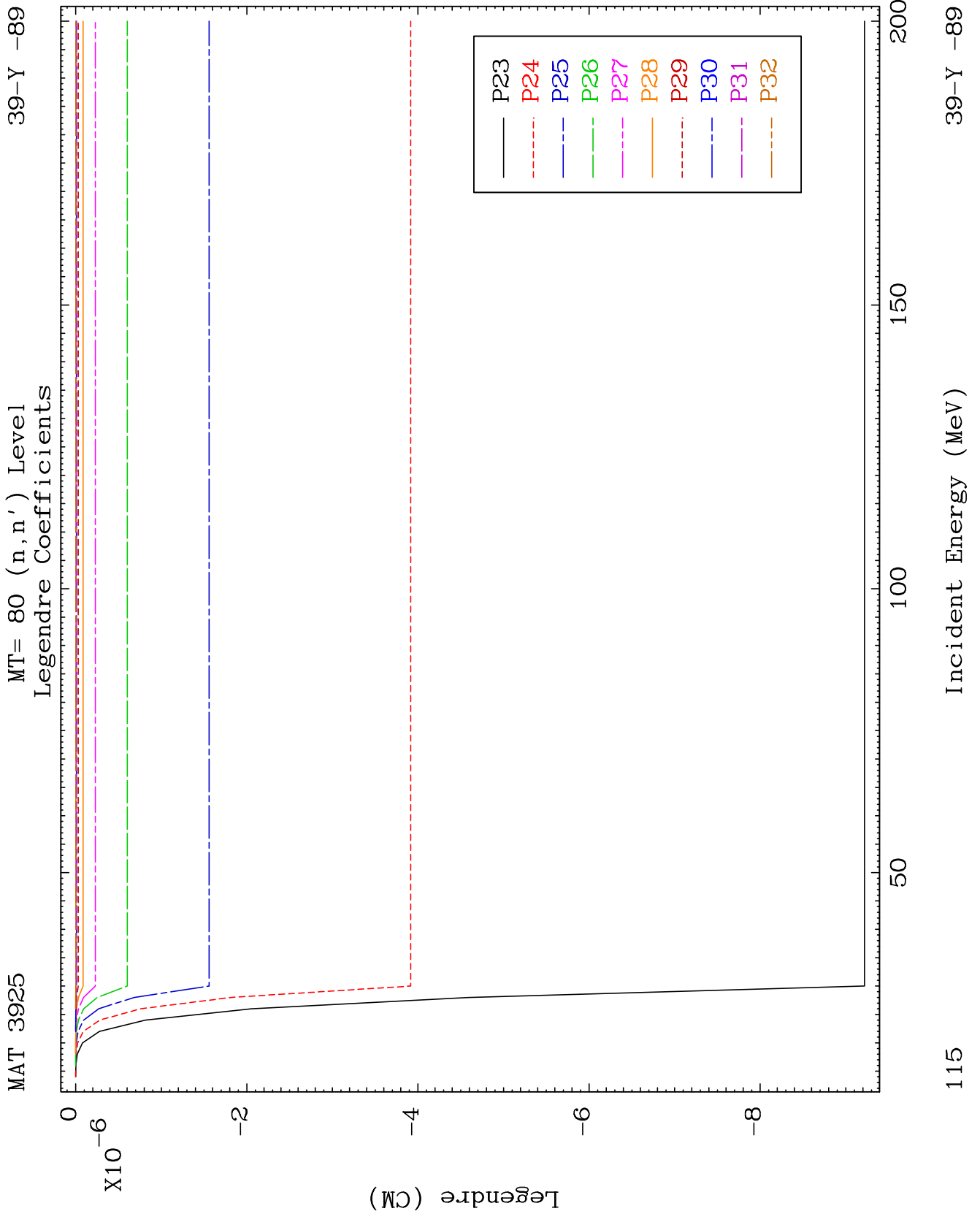
39-Y -89



114

Incident Energy (MeV)

39-Y -89



MAT 3925

39-Y -89

Inelastic
Radionuclide Production Cross Section



39-Y -89

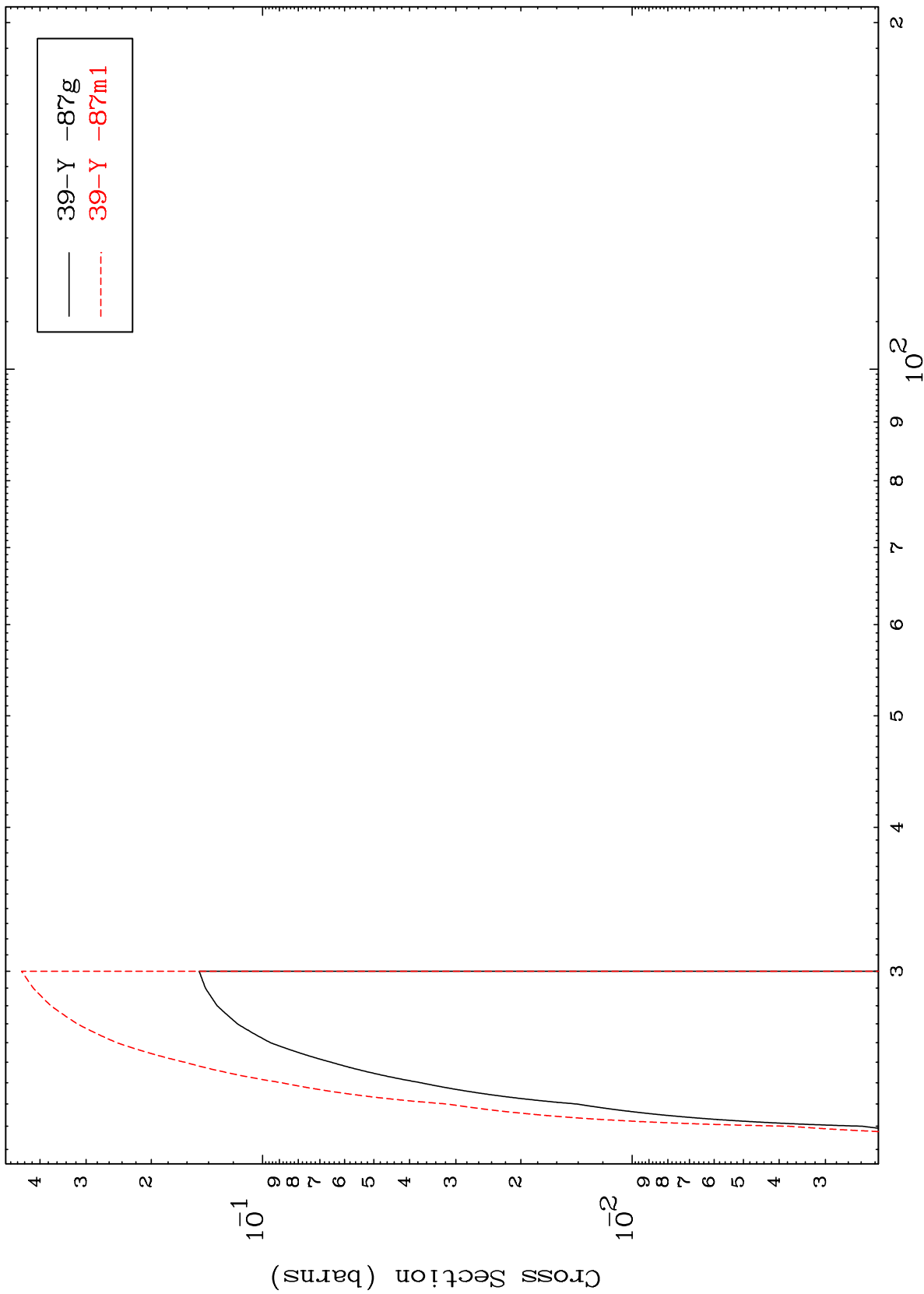
Incident Energy (MeV)

116

MAT 3925

39-Y -89

(n,3n)
Radionuclide Production Cross Section



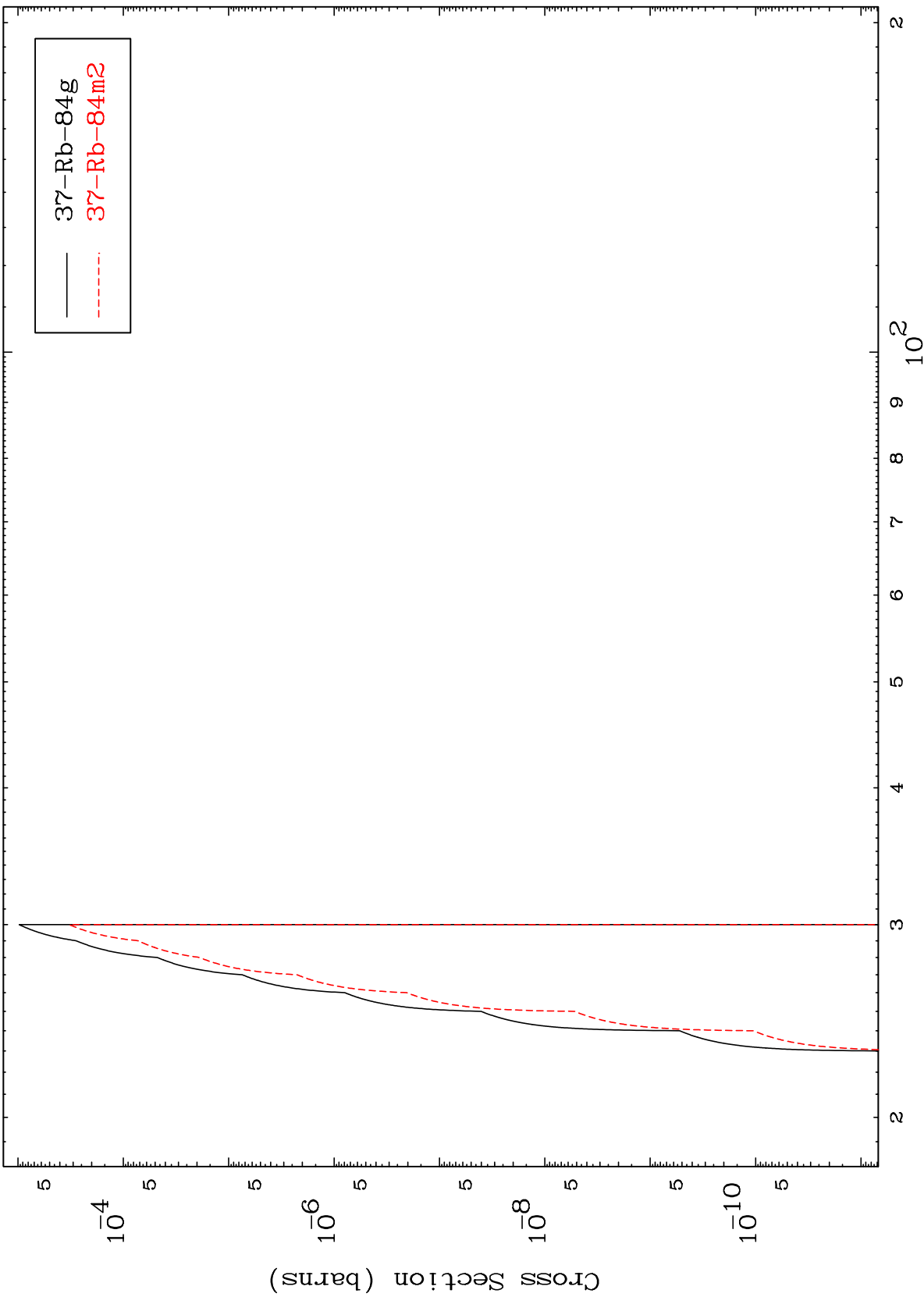
— 39-Y -87g
- - - 39-Y -87m1

117

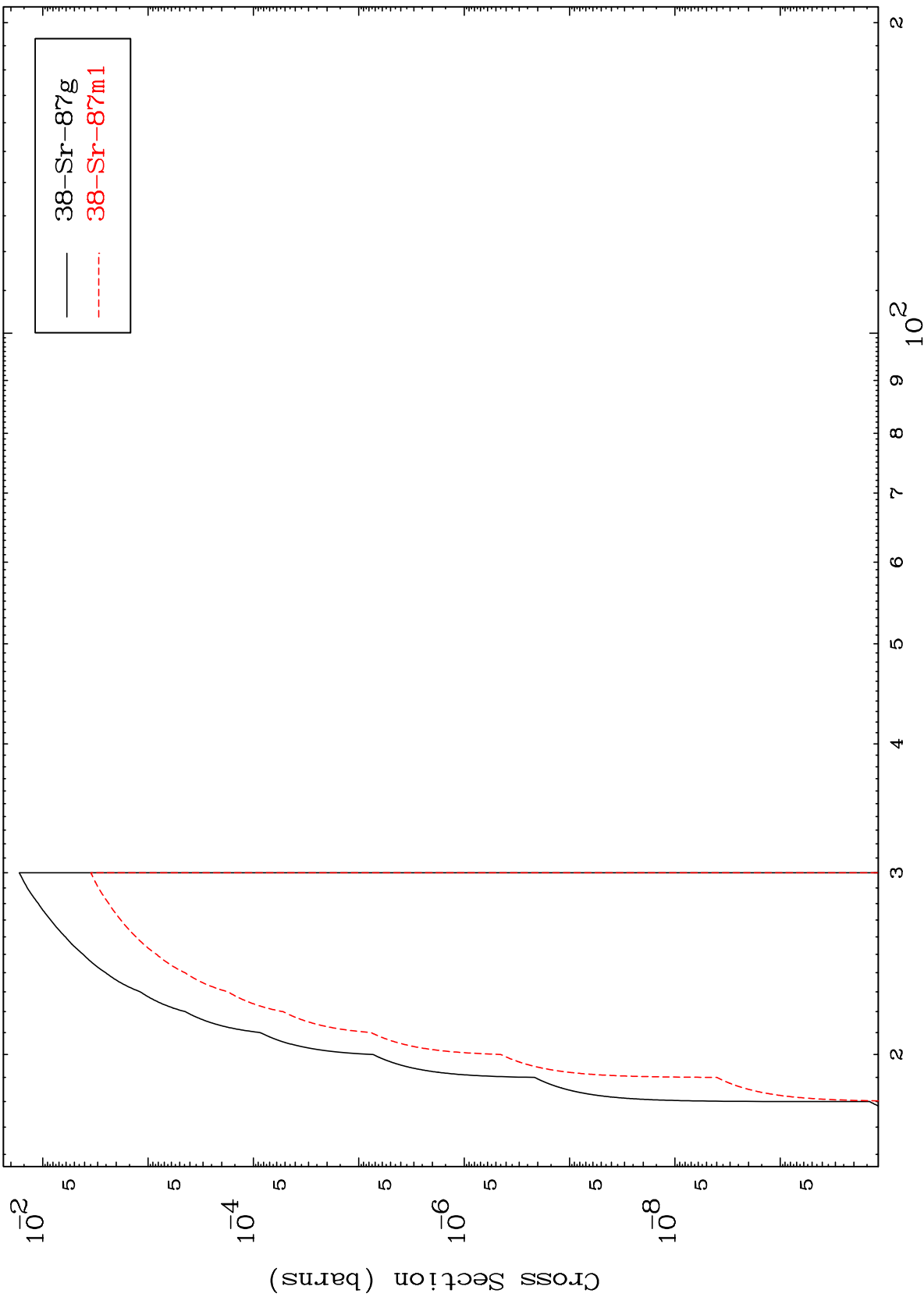
39-Y -89

Incident Energy (MeV)

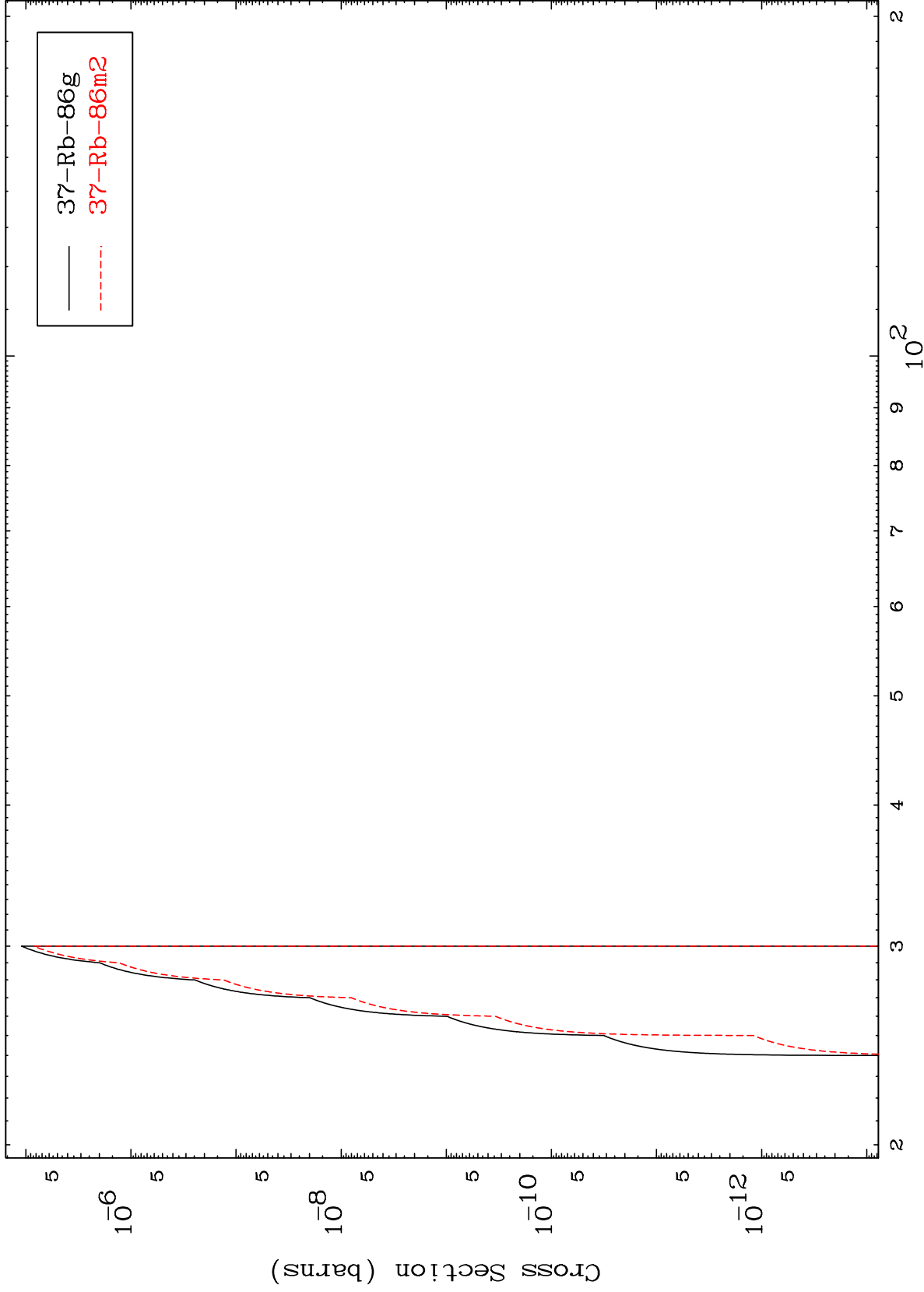
Radionuclide Production Cross Section



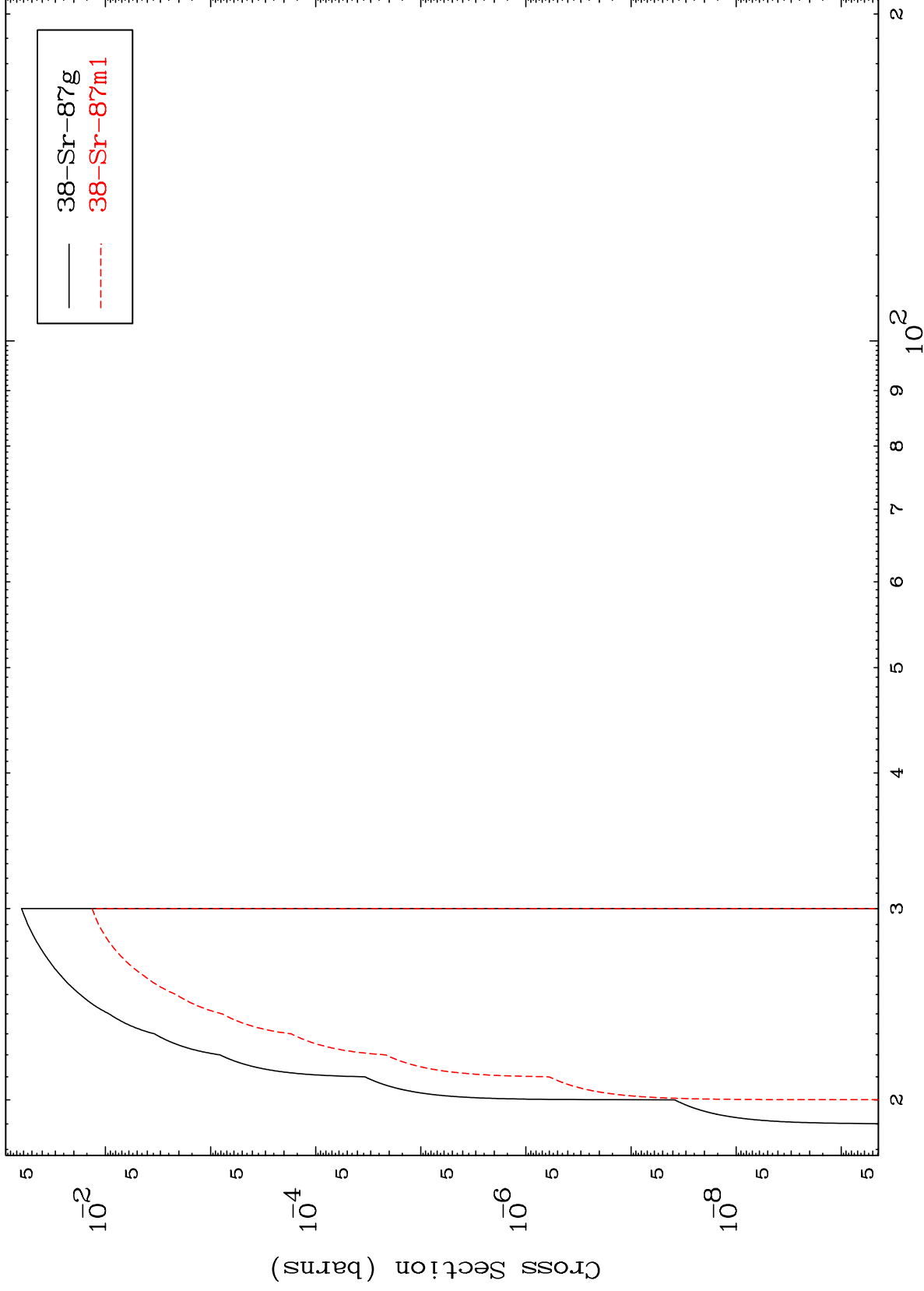
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

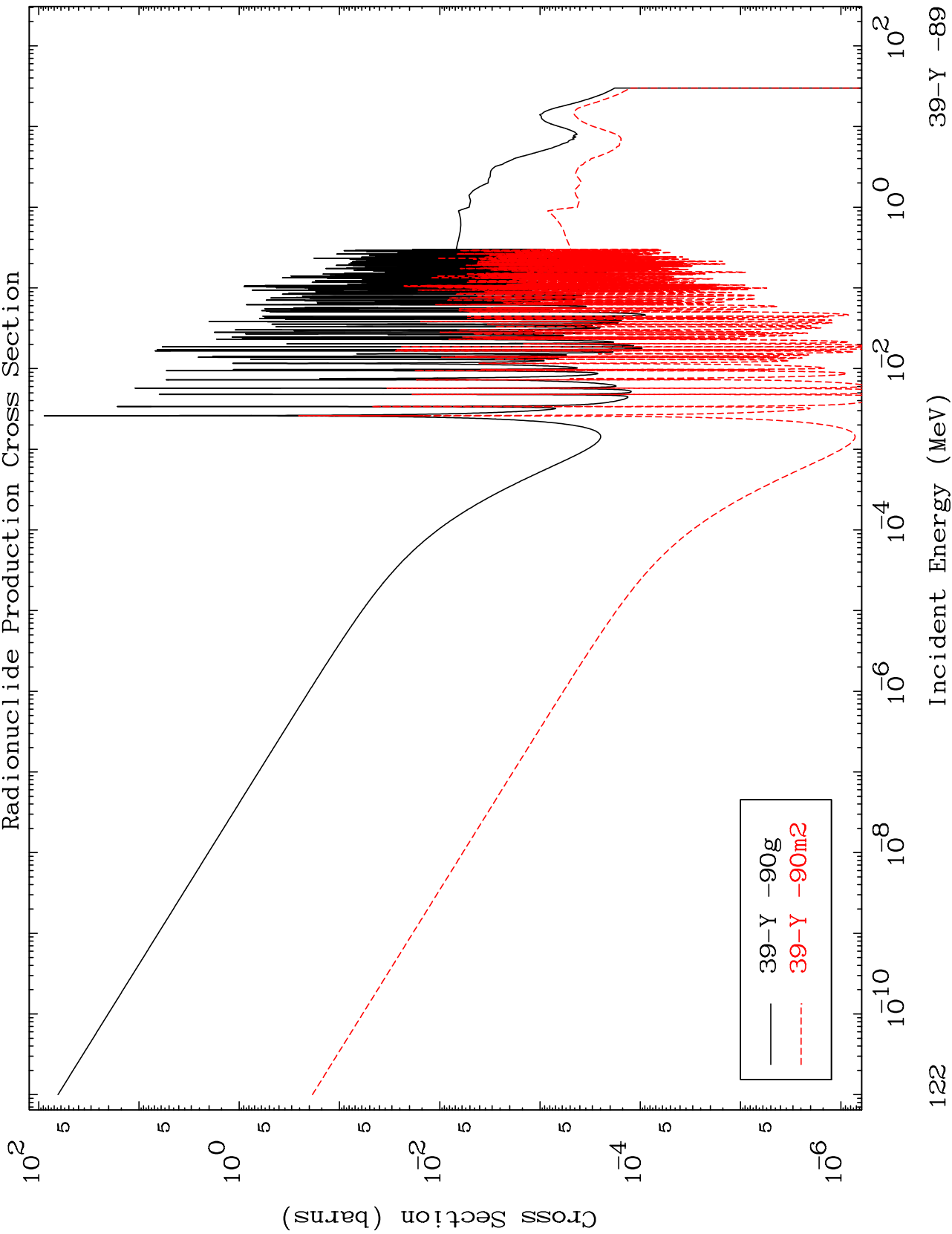


MAT 3925

39-Y -89

Radionuclide Production Cross Section

(n, γ)

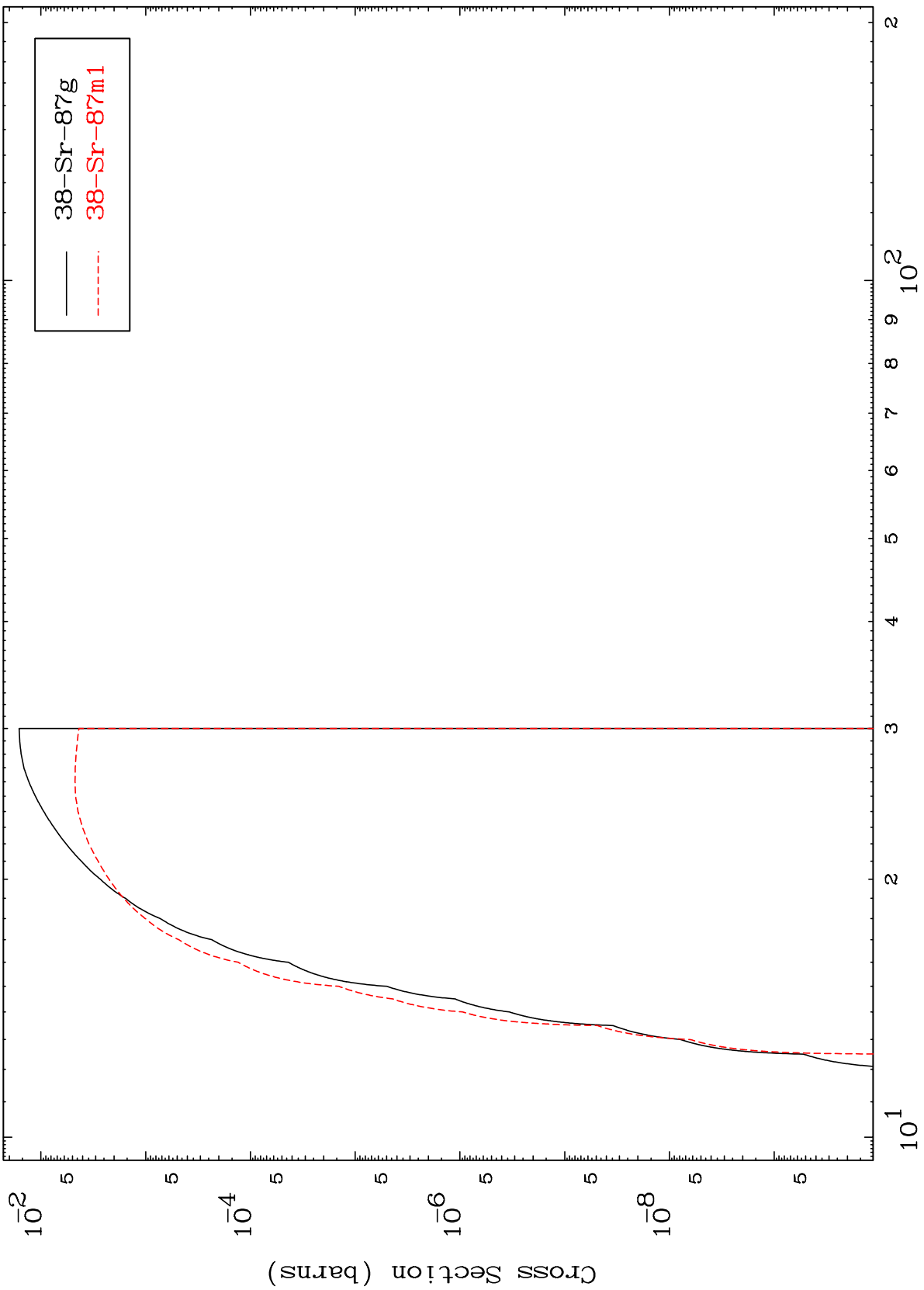


— 39-Y -90g
- - - 39-Y -90m2

MAT 3925

39-Y -89

(n,t)
Radionuclide Production Cross Section



39-Y -89

Incident Energy (MeV)

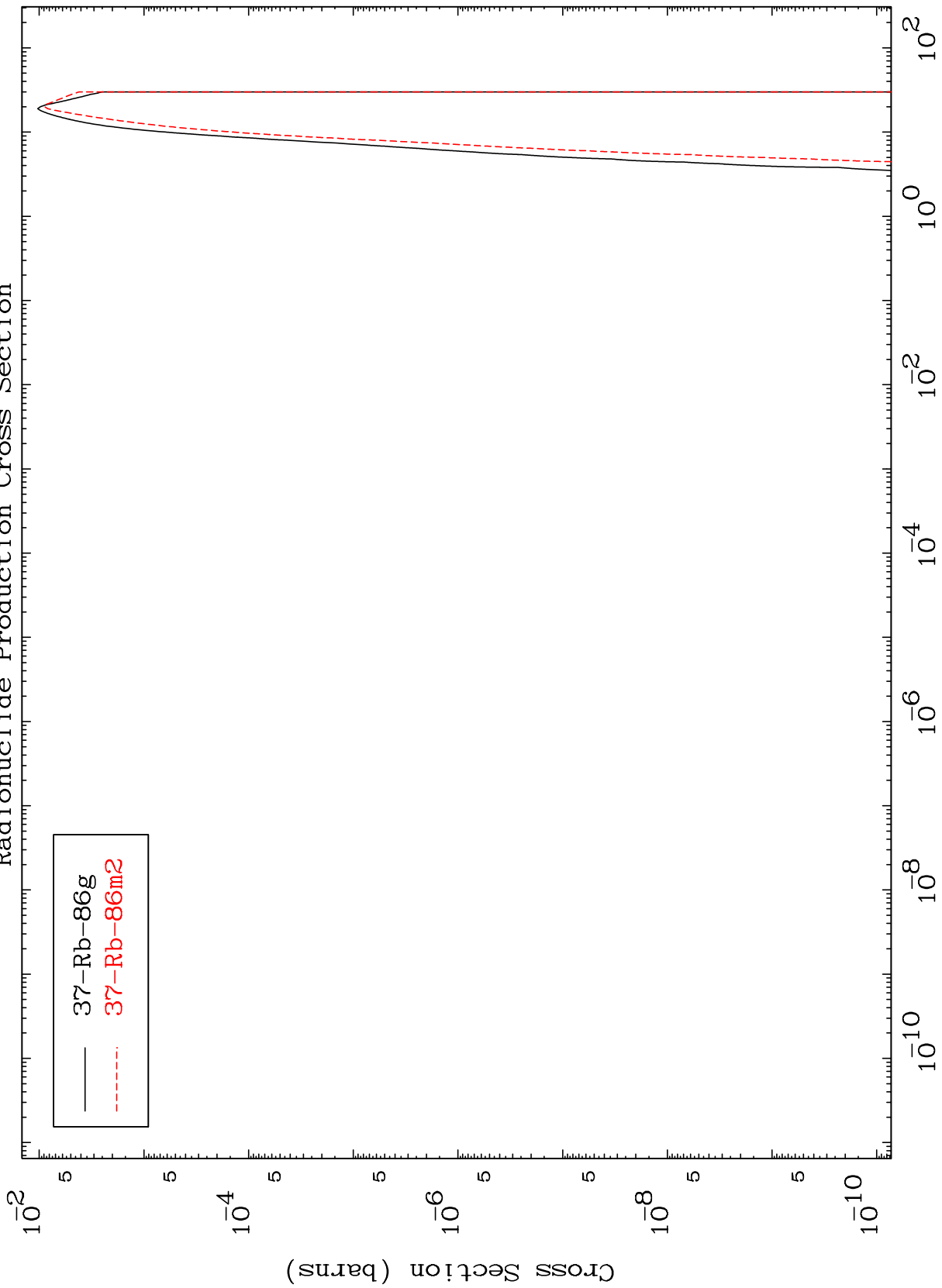
123

MAT 3925

(n, α)

39-Y -89

Radionuclide Production Cross Section



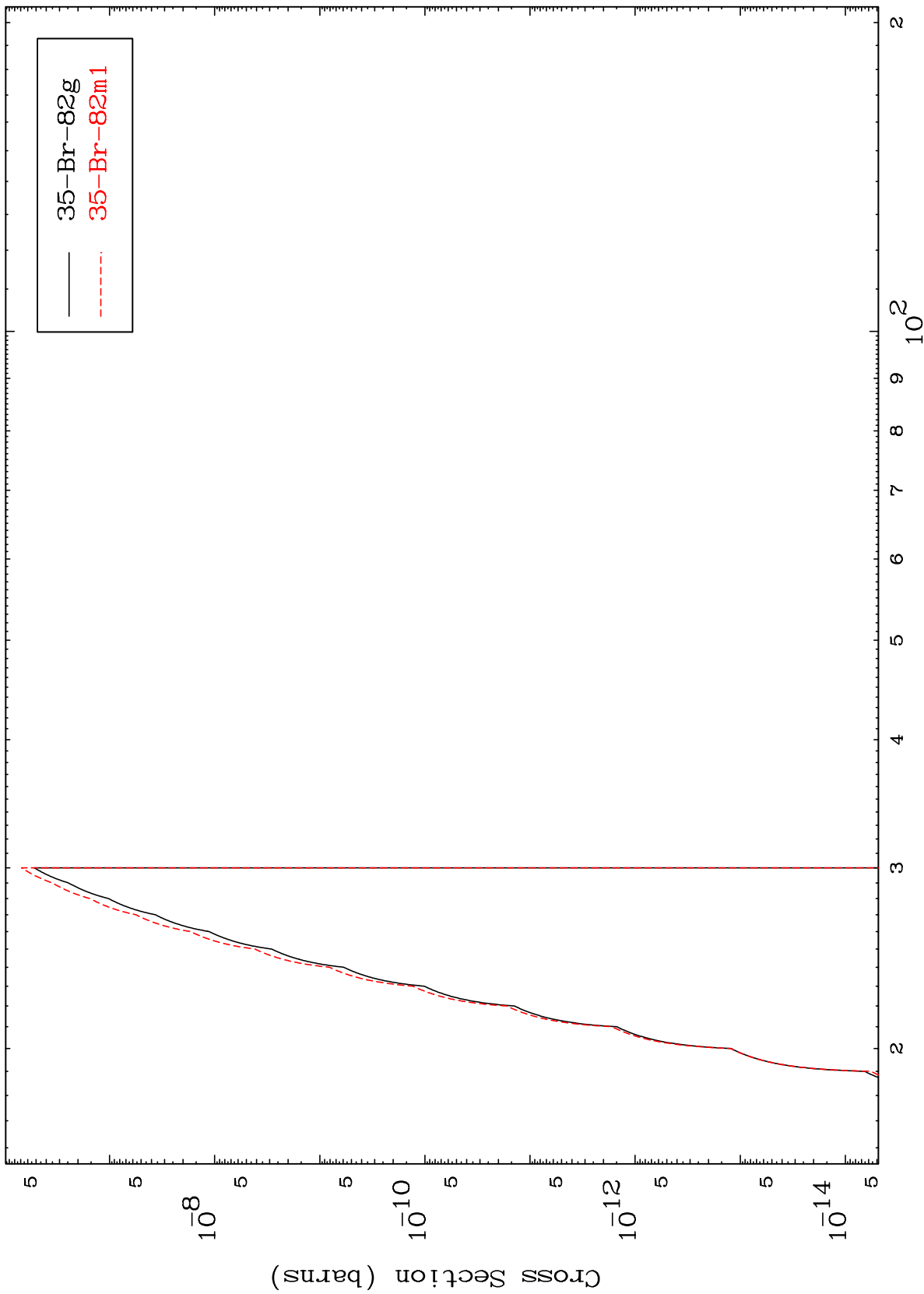
— ^{86g}Rb
- - - ^{86m2}Rb

Incident Energy (MeV)

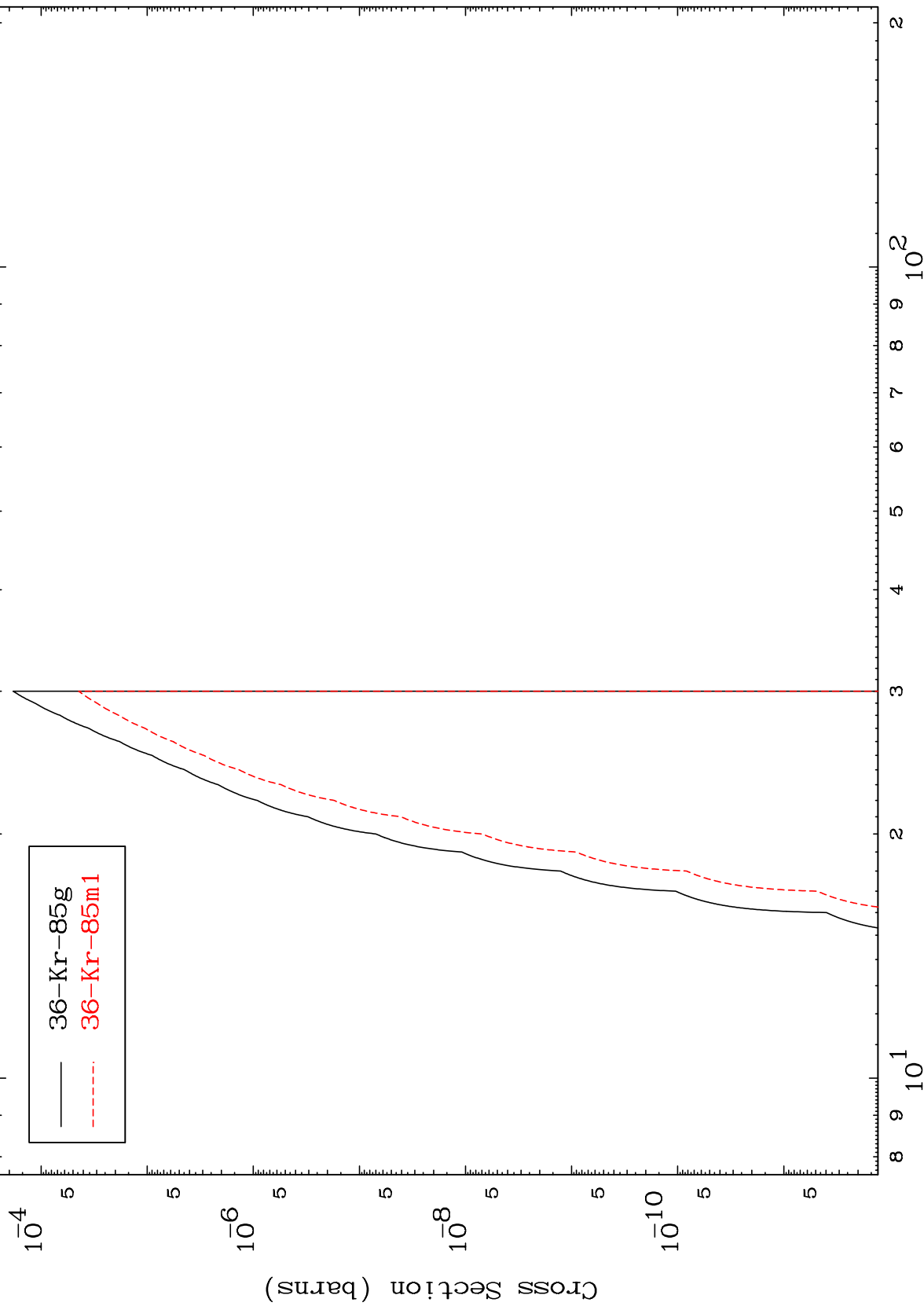
39-Y -89

124

Radionuclide Production Cross Section
(n,2α)



Radionuclide Production Cross Section



Radionuclide Production Cross Section

