

Program EVALPLOT
(Version 2021-1)

by

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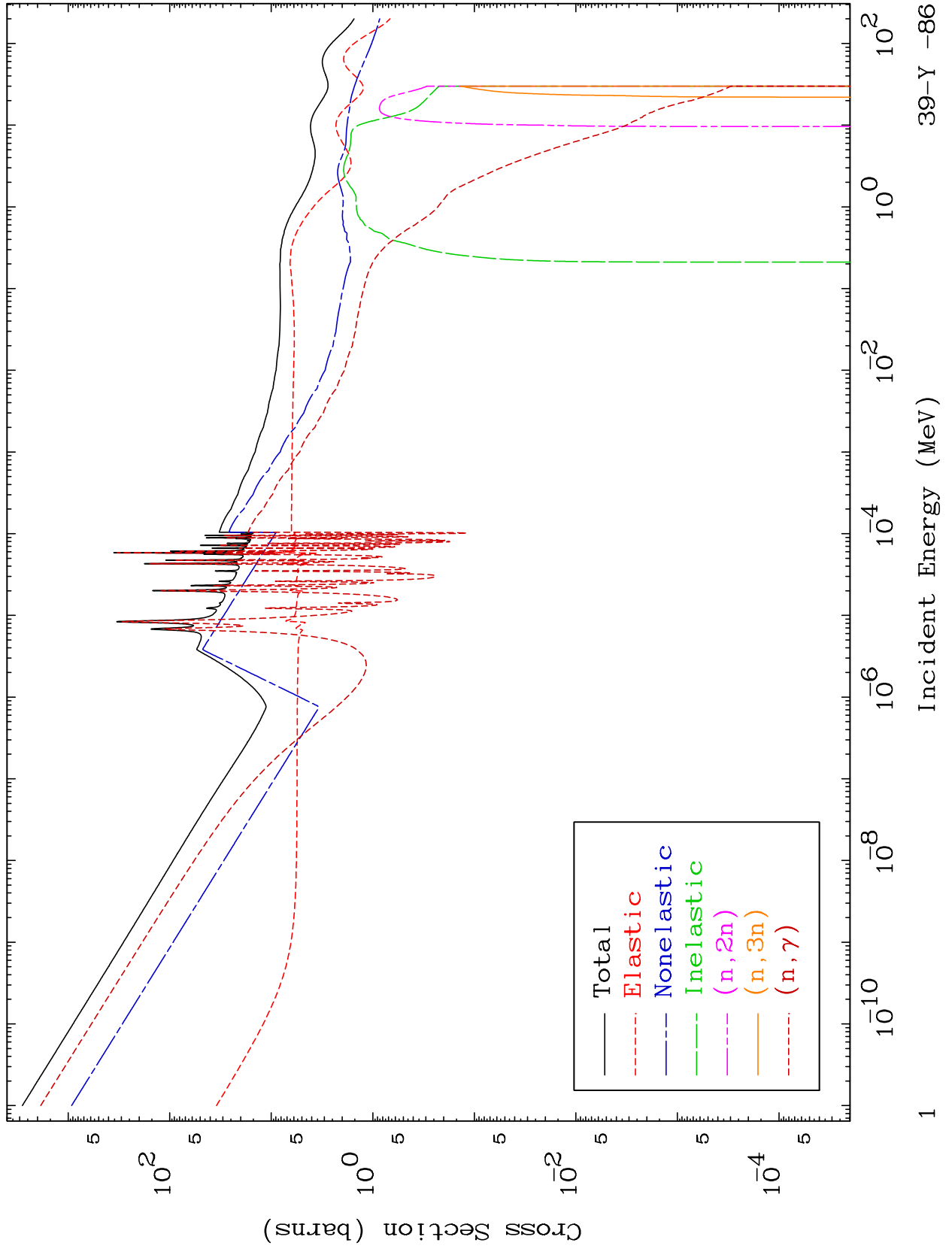
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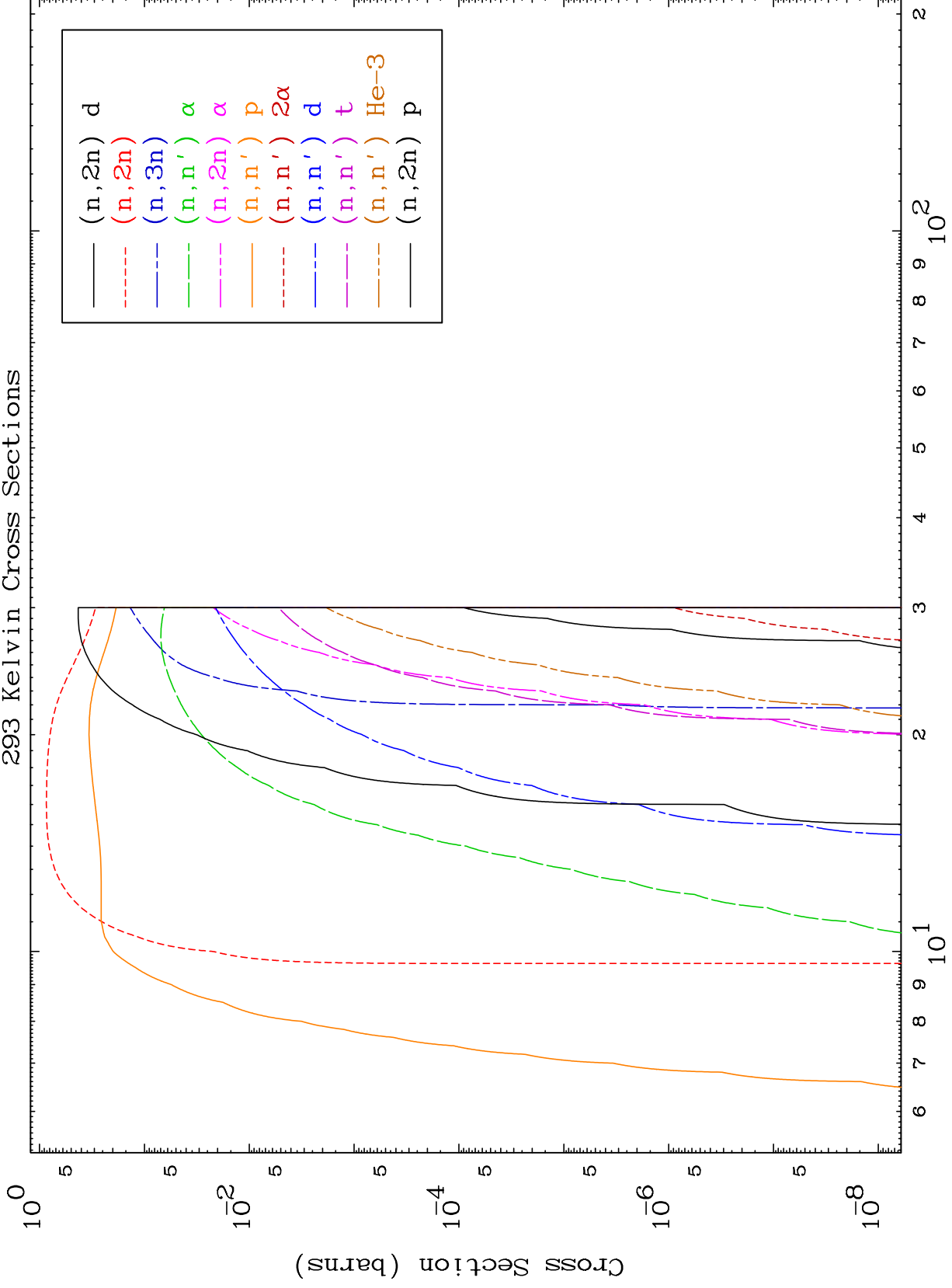
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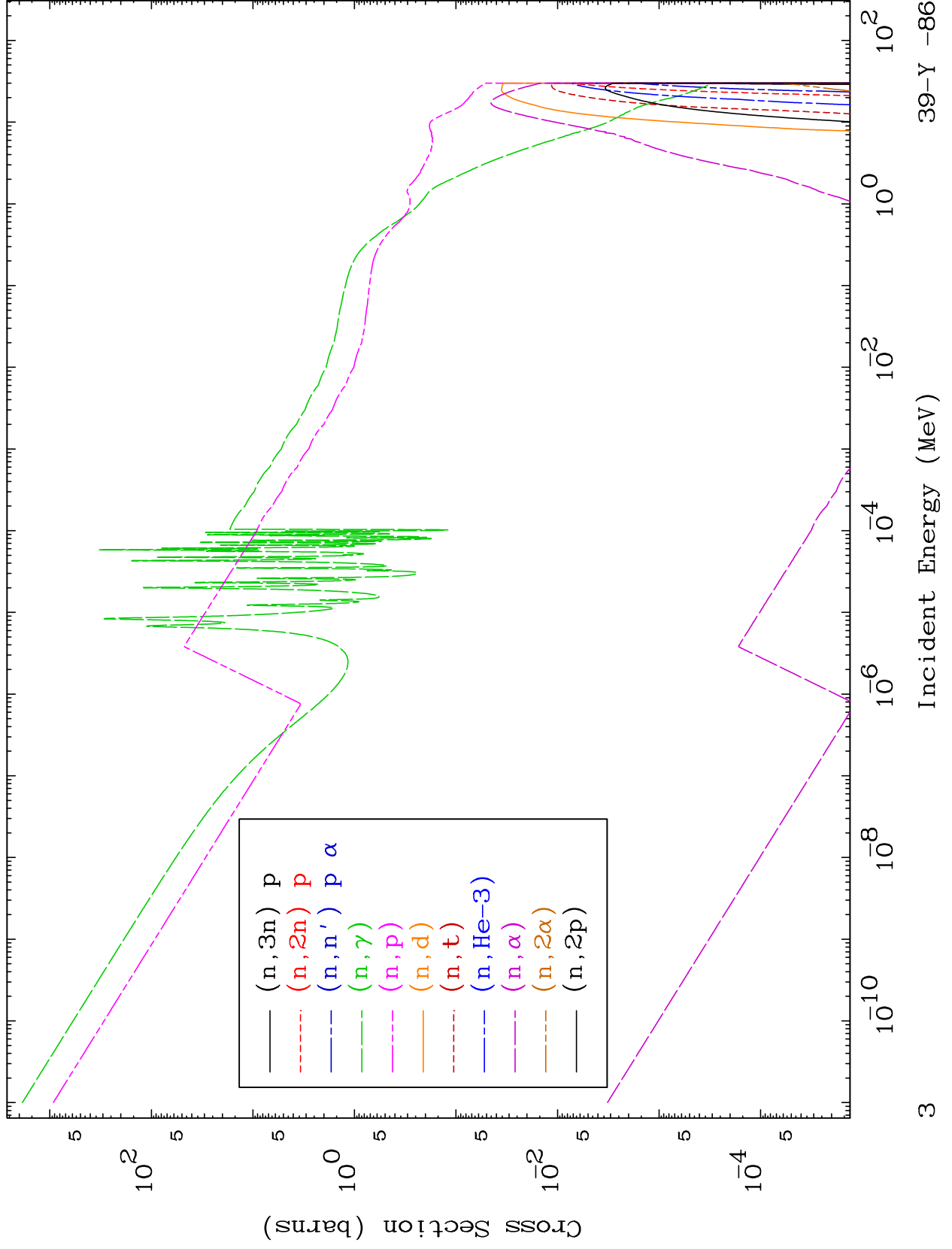
MAT 3916

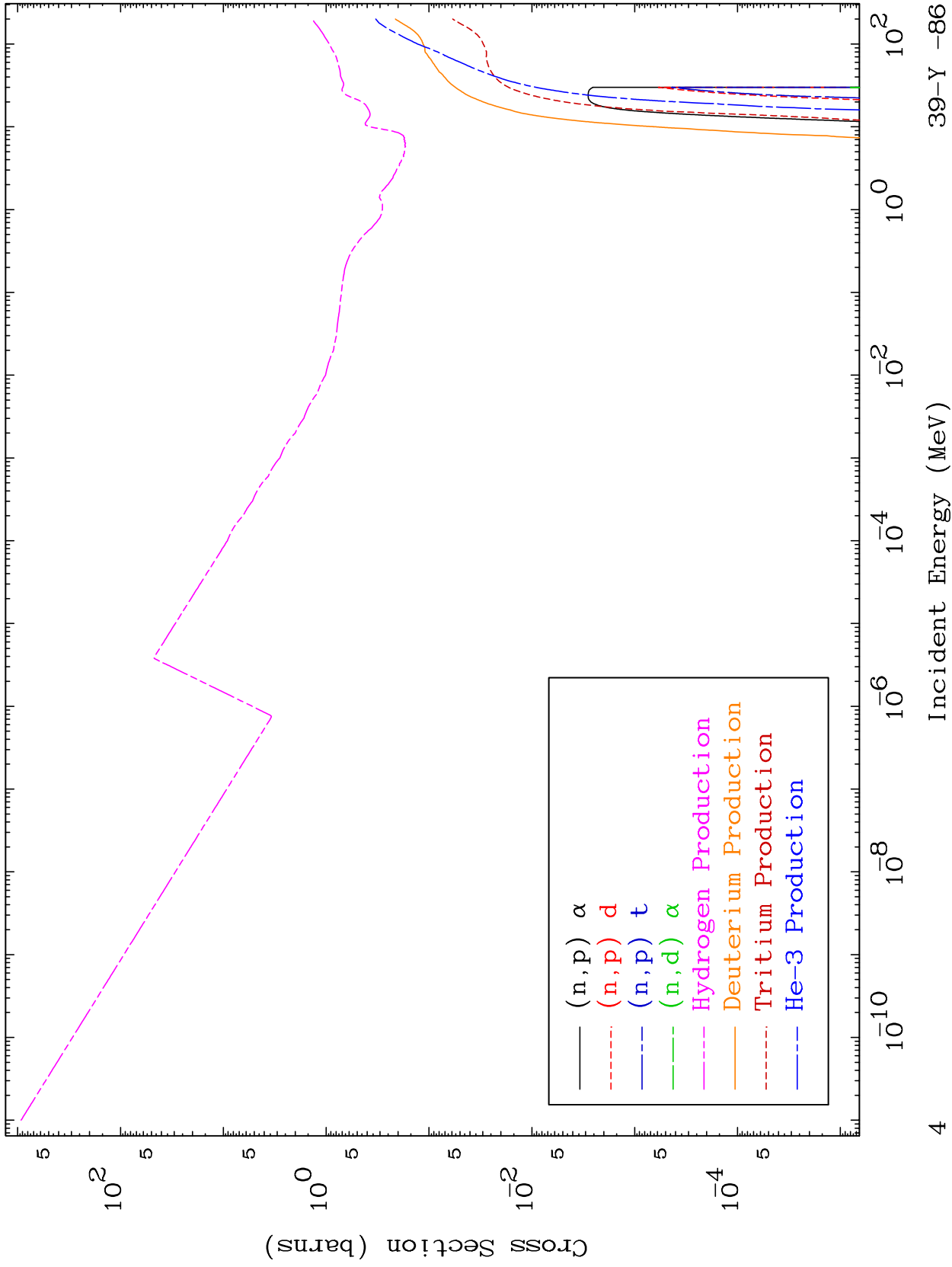
Neutron Major
293 Kelvin Cross Sections

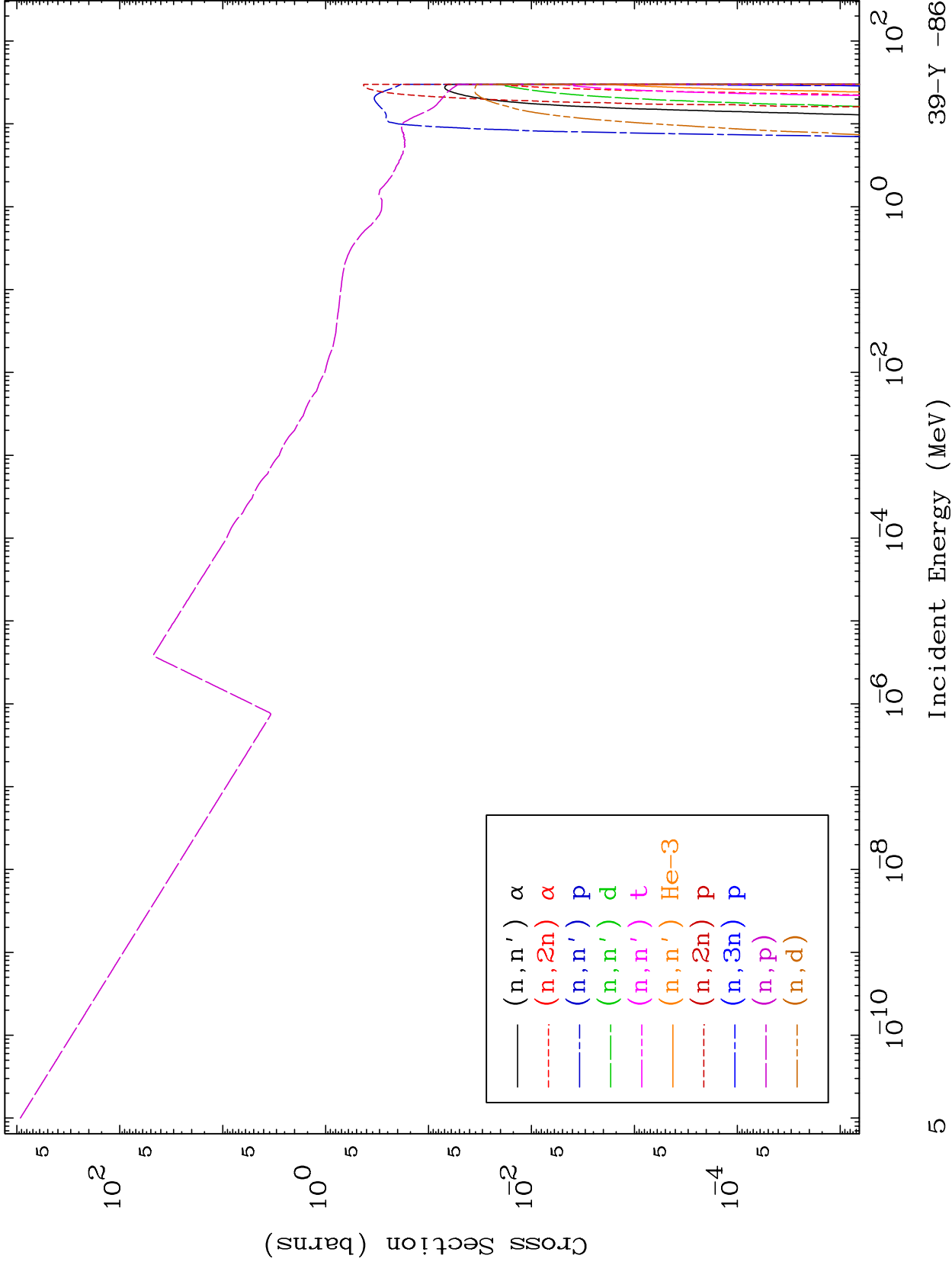
39-Y -86







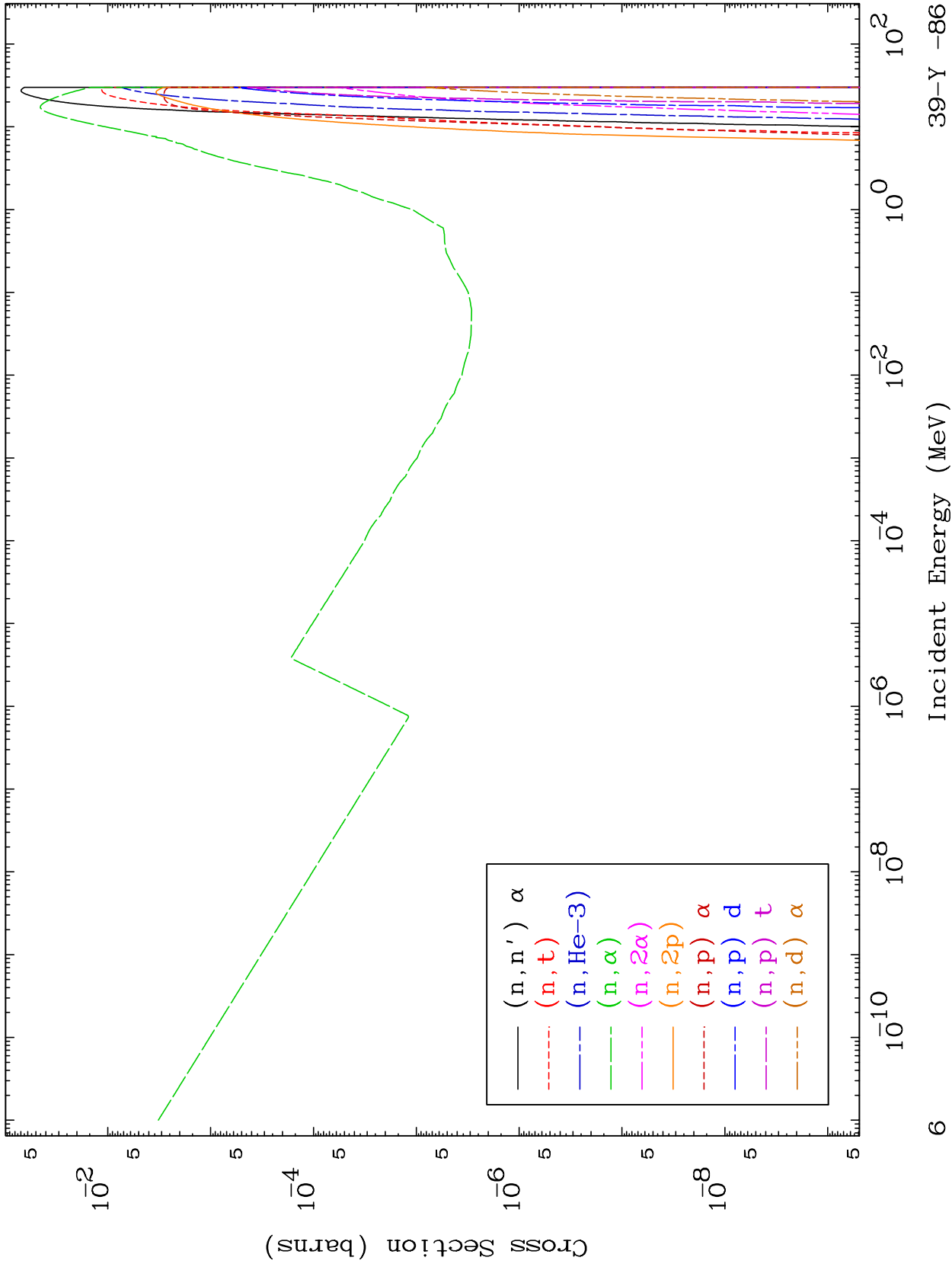


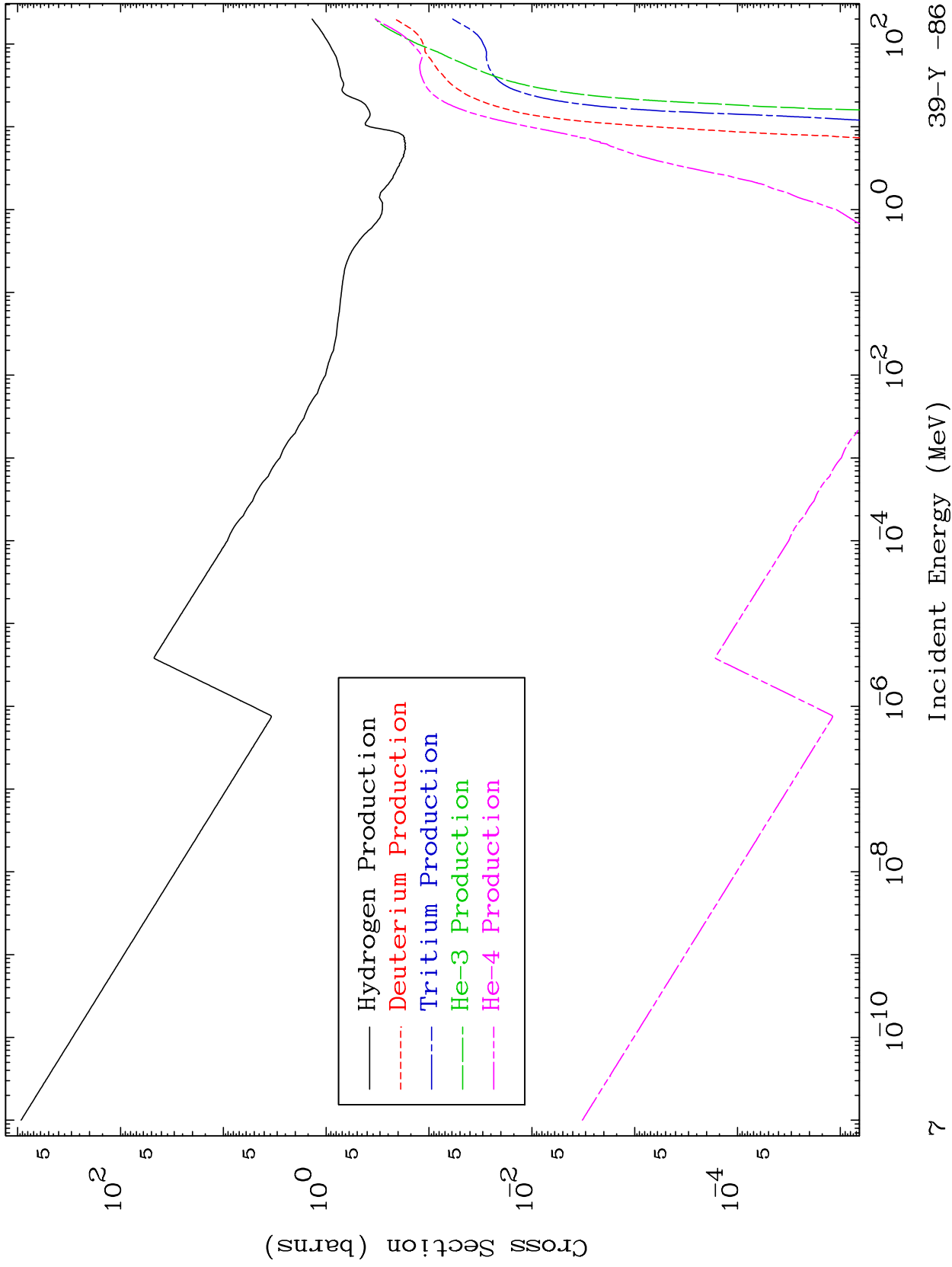


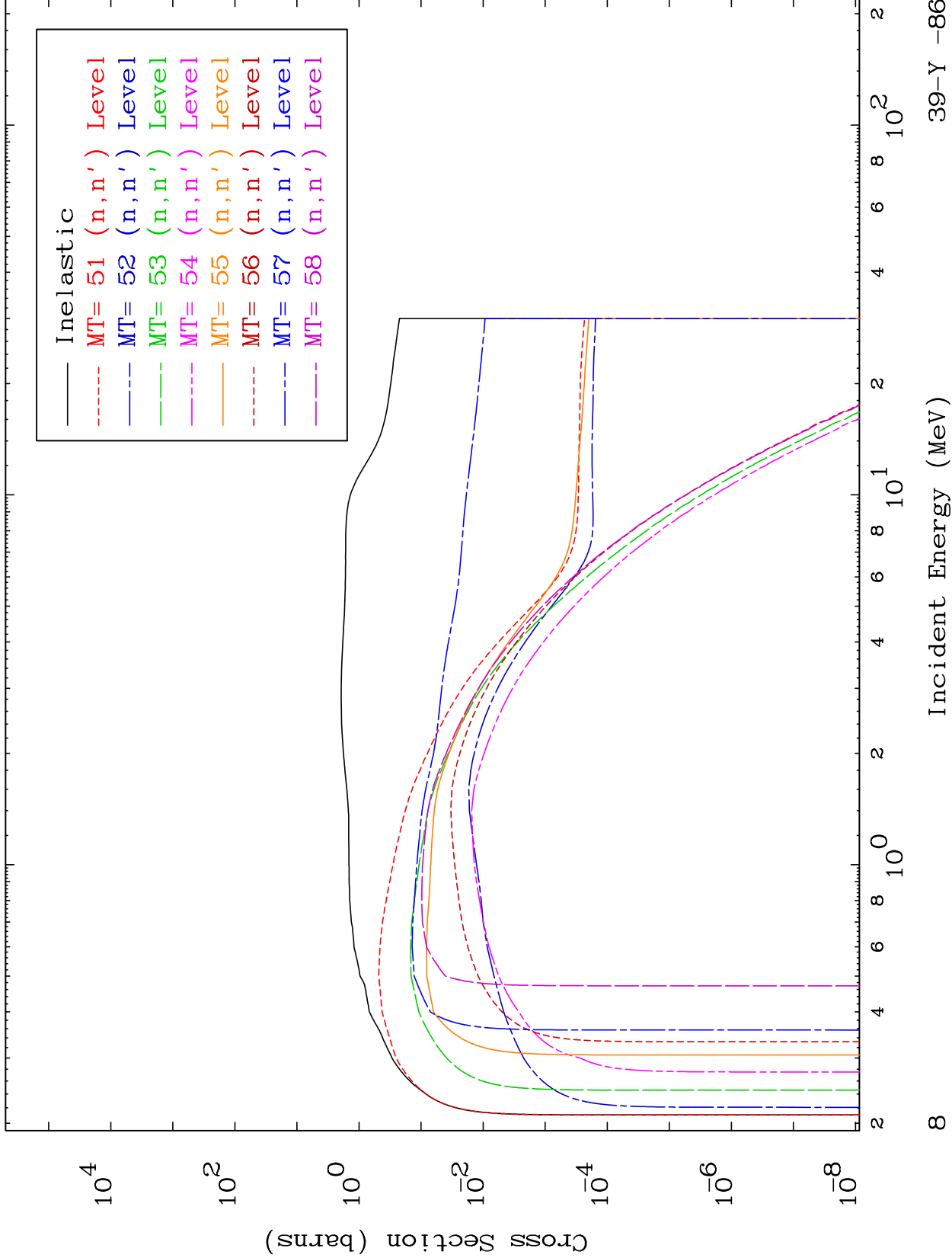
MAT 3916

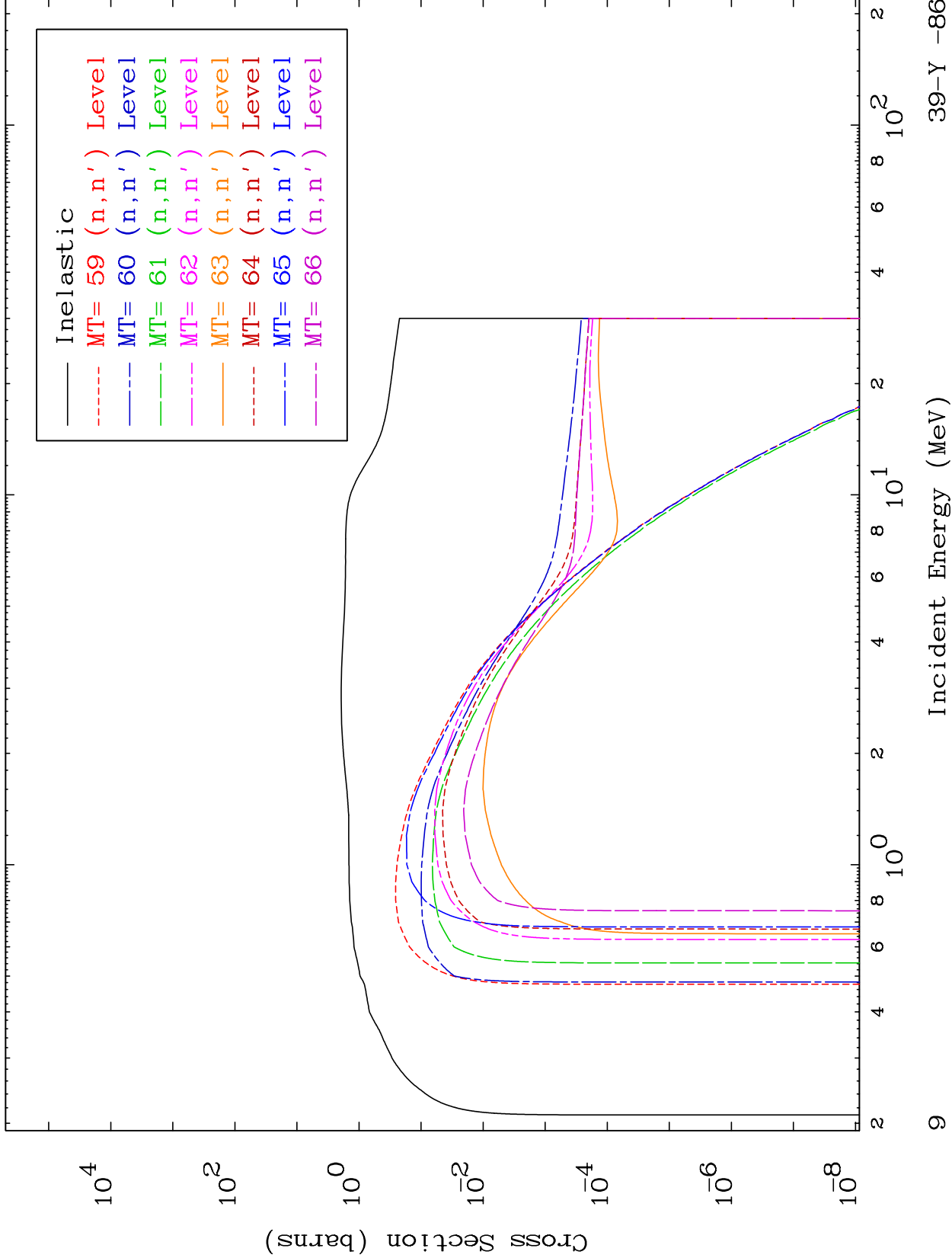
Charged Particle
293 Kelvin Cross Sections

39-Y -86





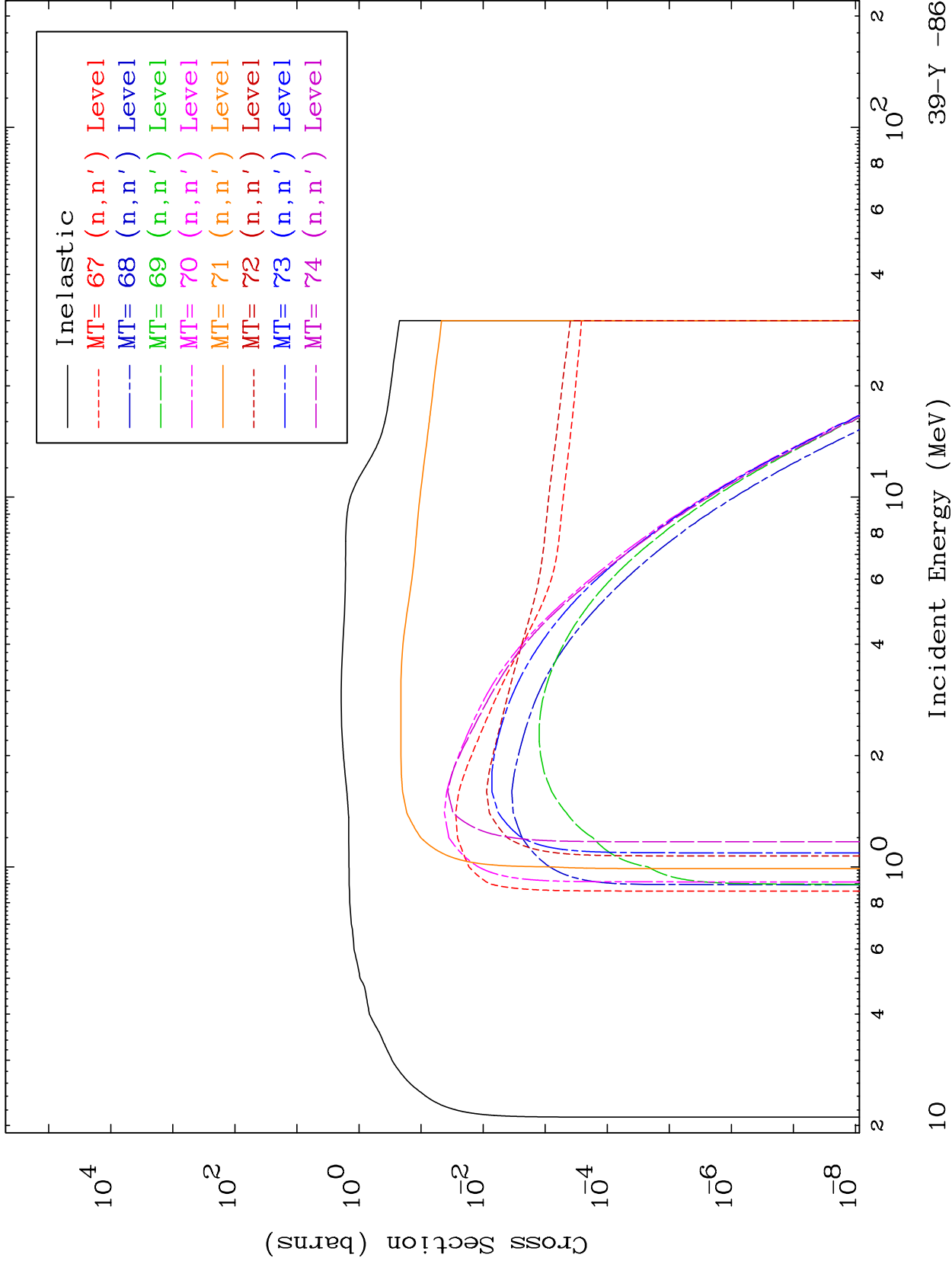


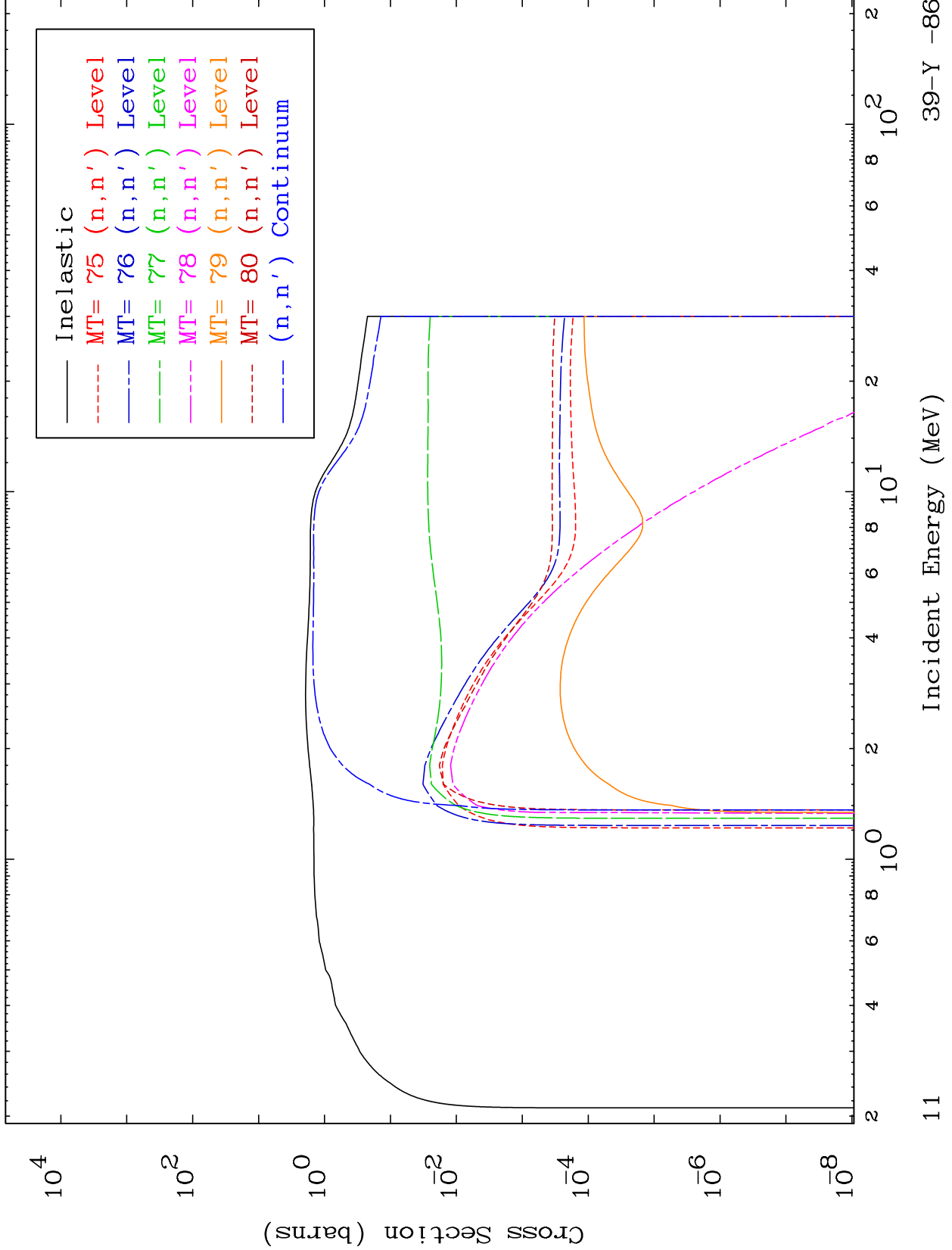


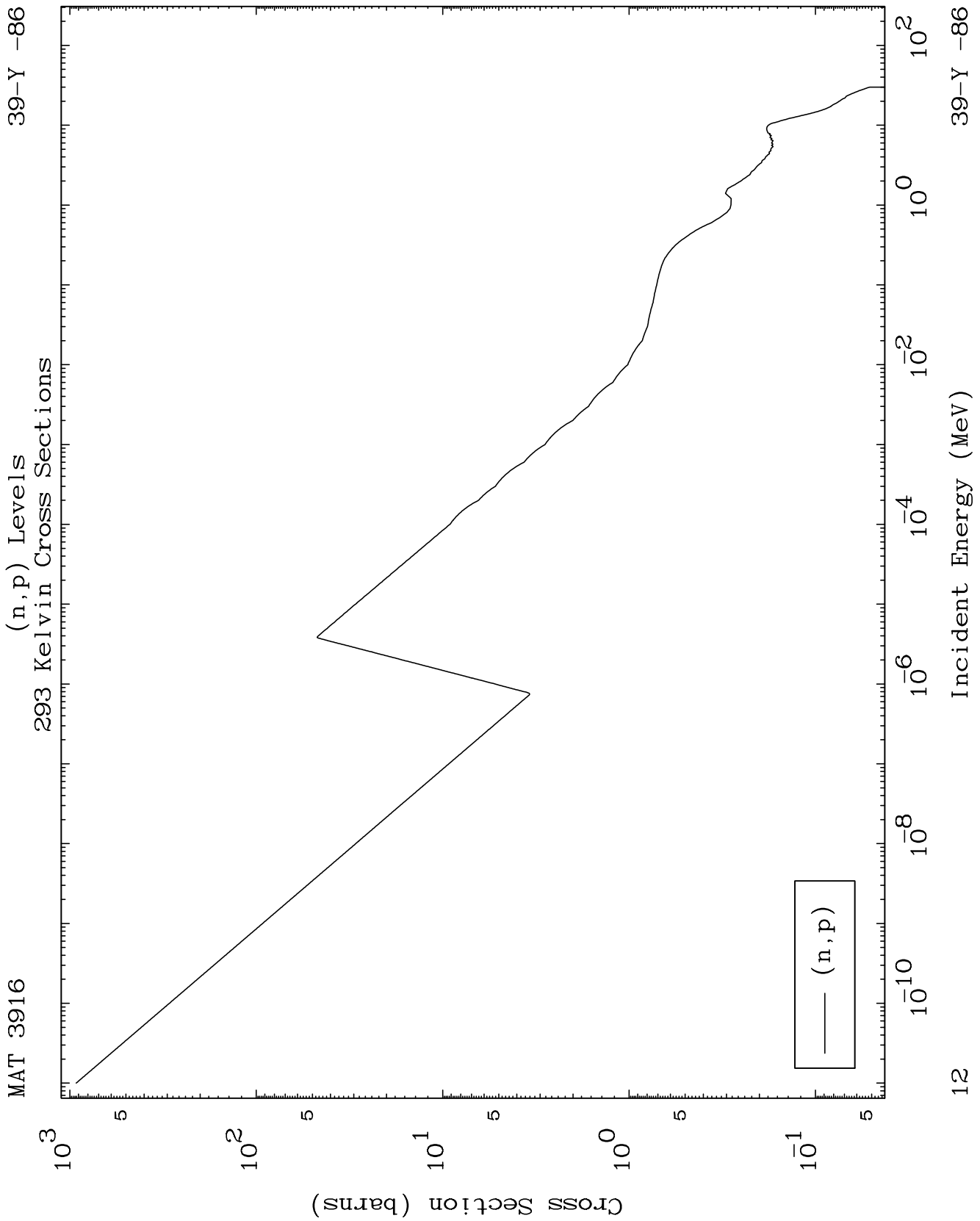
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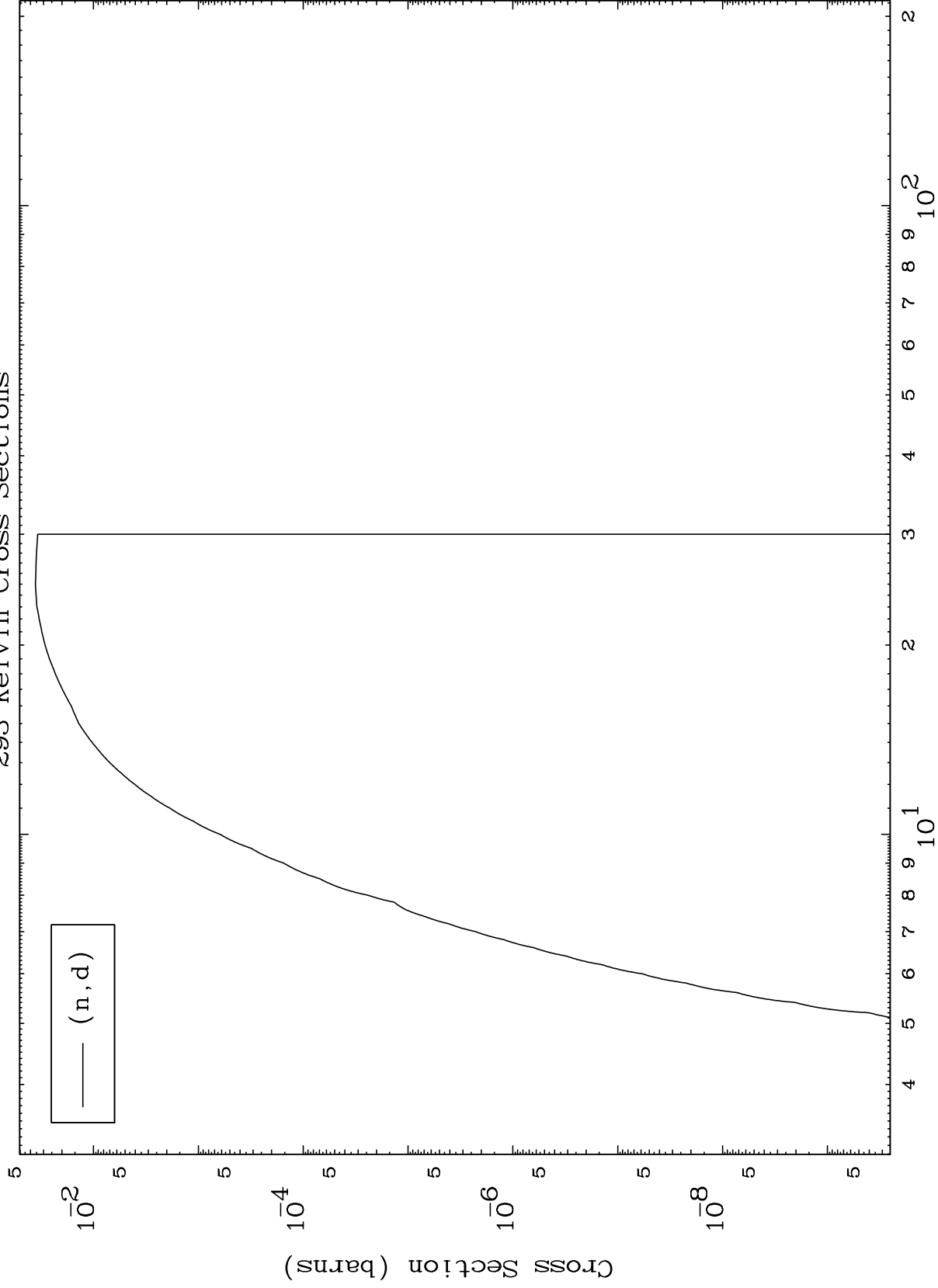
(n,n') Levels
293 Kelvin Cross Sections

39-Y -86





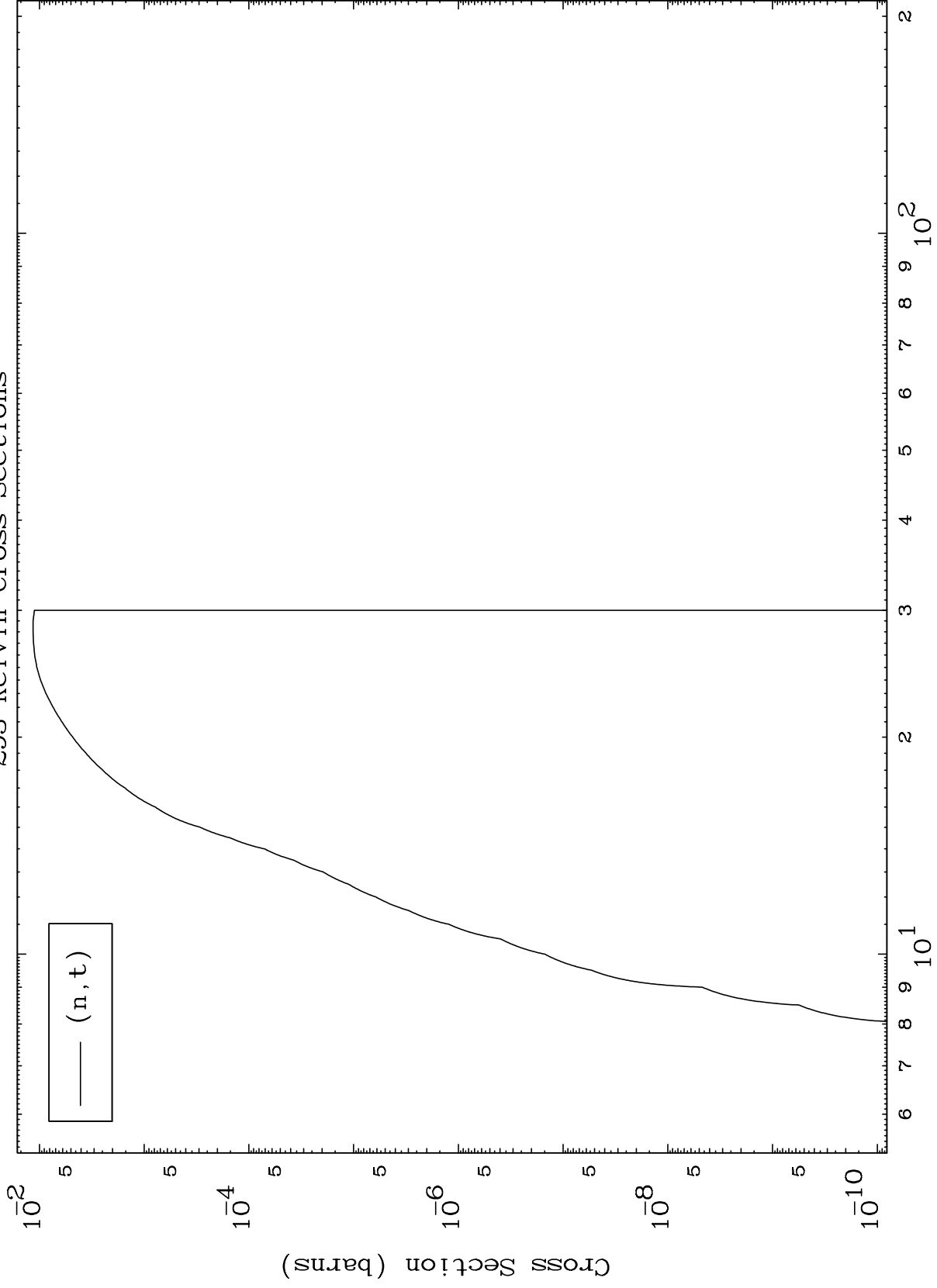




MAT 3916

(n,t) Levels
293 Kelvin Cross Sections

39-Y -86



14

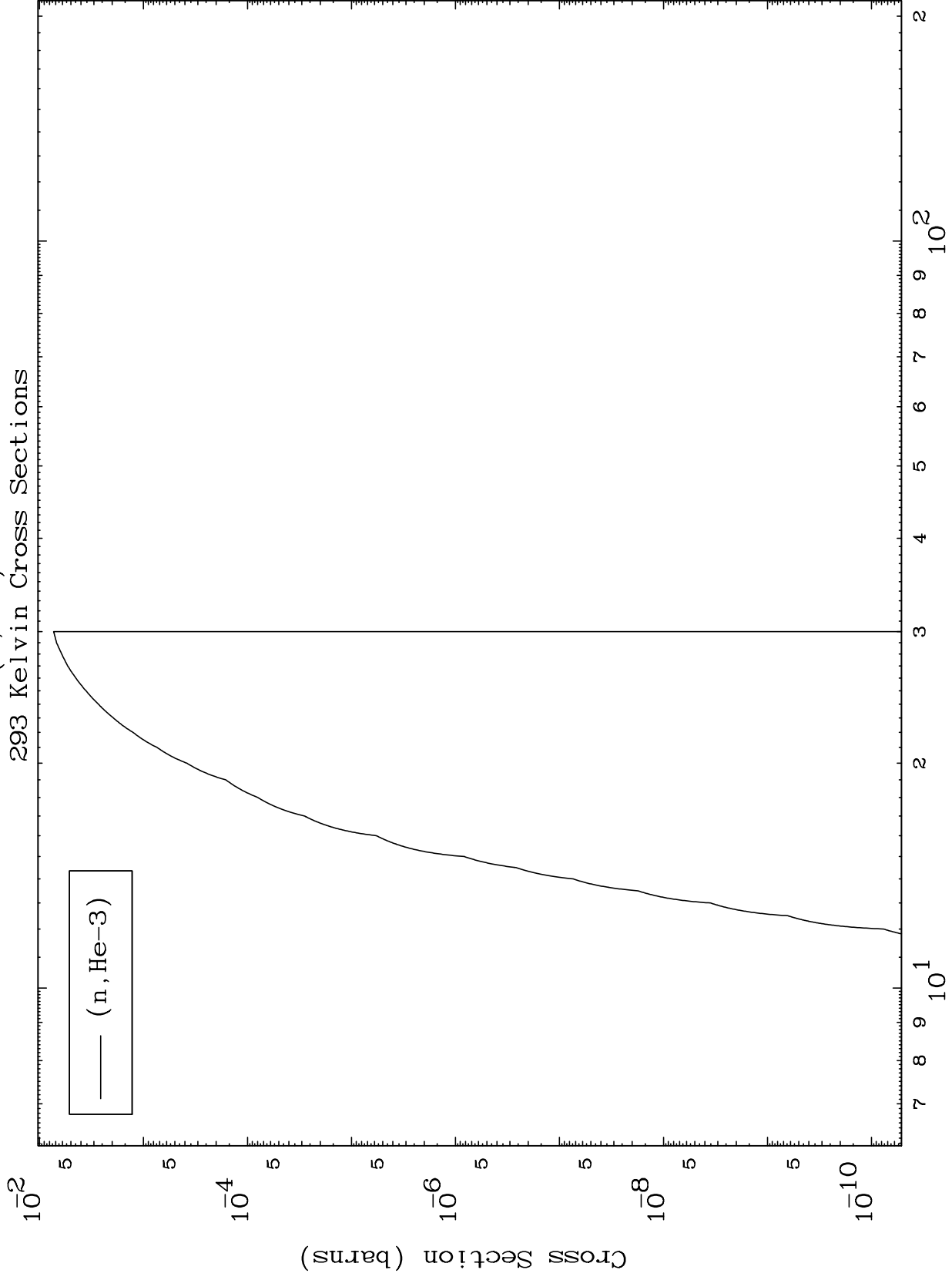
Incident Energy (MeV)

39-Y -86

MAT 3916

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -86



(n, He-3)

15

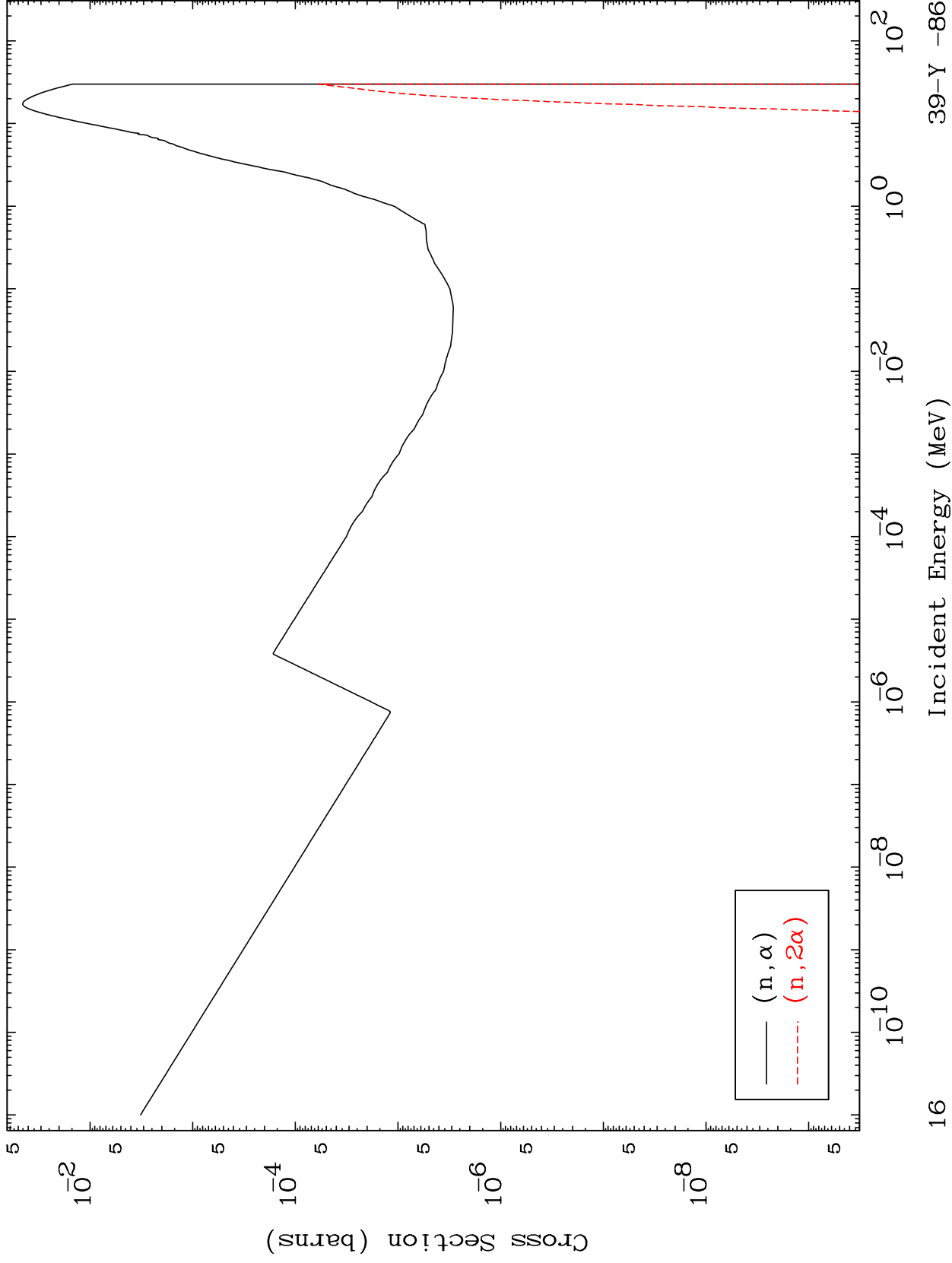
Incident Energy (MeV)

39-Y -86

MAT 3916

(n,α) Levels
293 Kelvin Cross Sections

39-Y -86



16

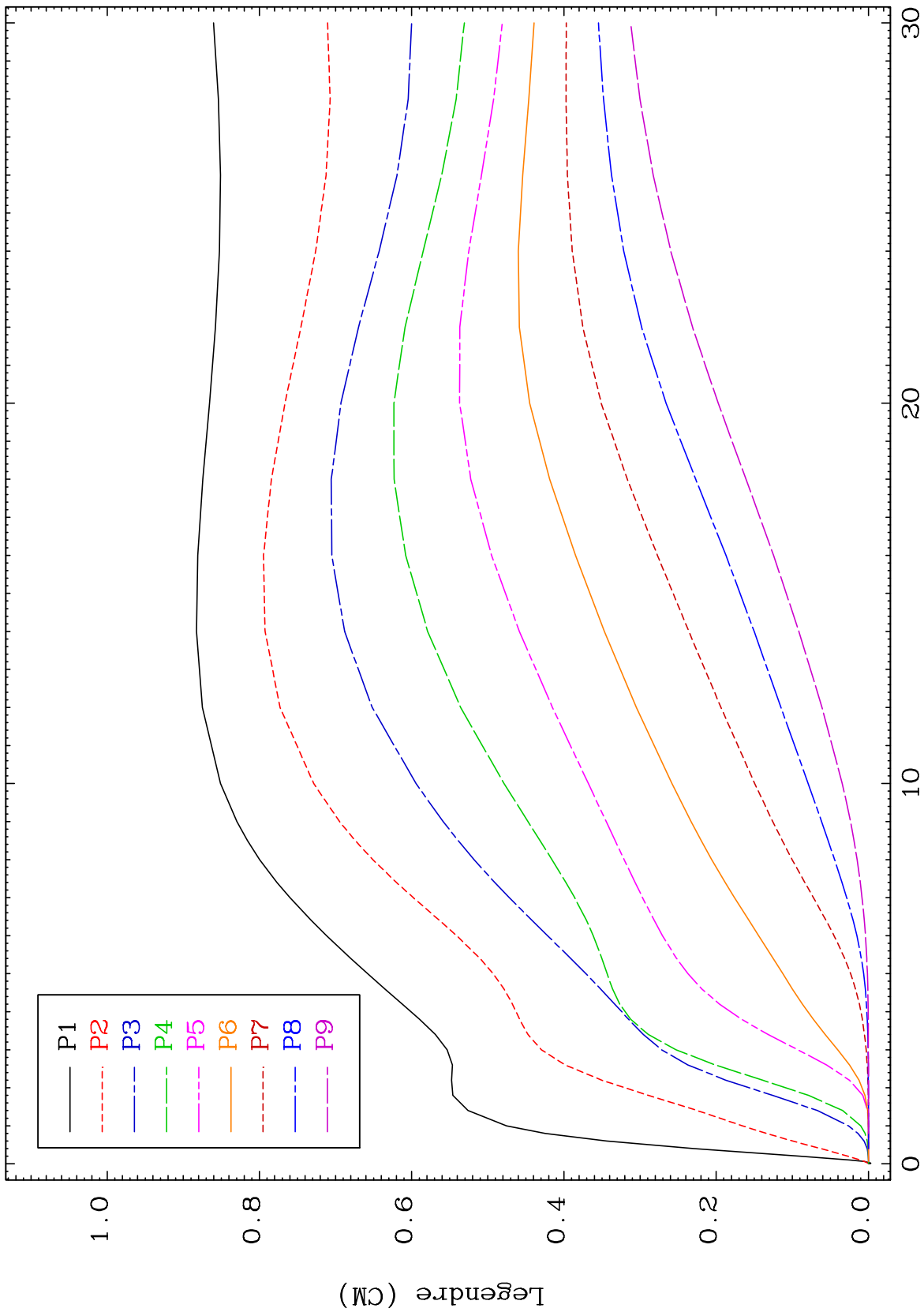
Incident Energy (MeV)

39-Y -86

MAT 3916

Elastic Legendre Coefficients

39-Y -86



17

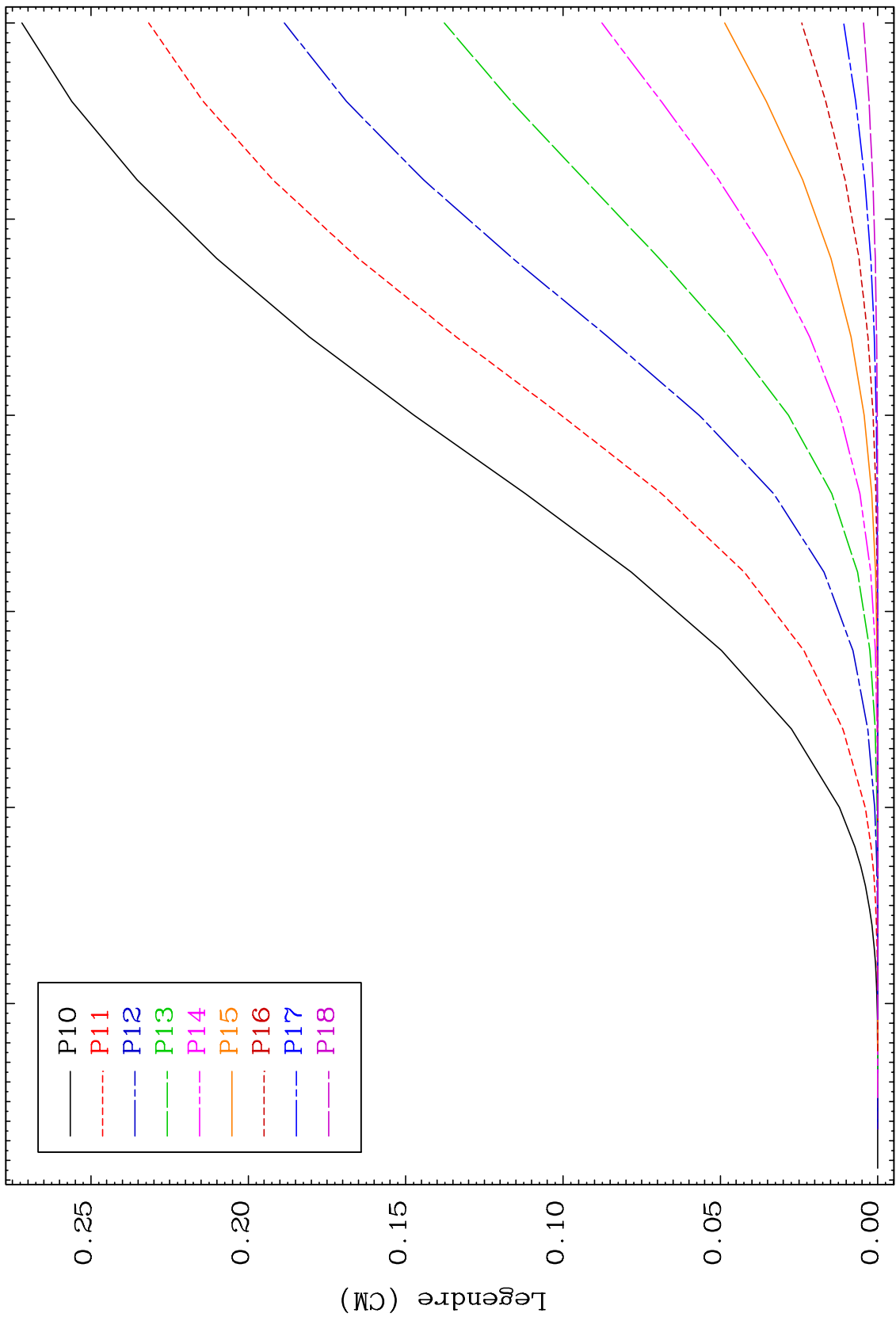
Incident Energy (MeV)

39-Y -86

MAT 3916

Elastic Legendre Coefficients

39-Y -86



18

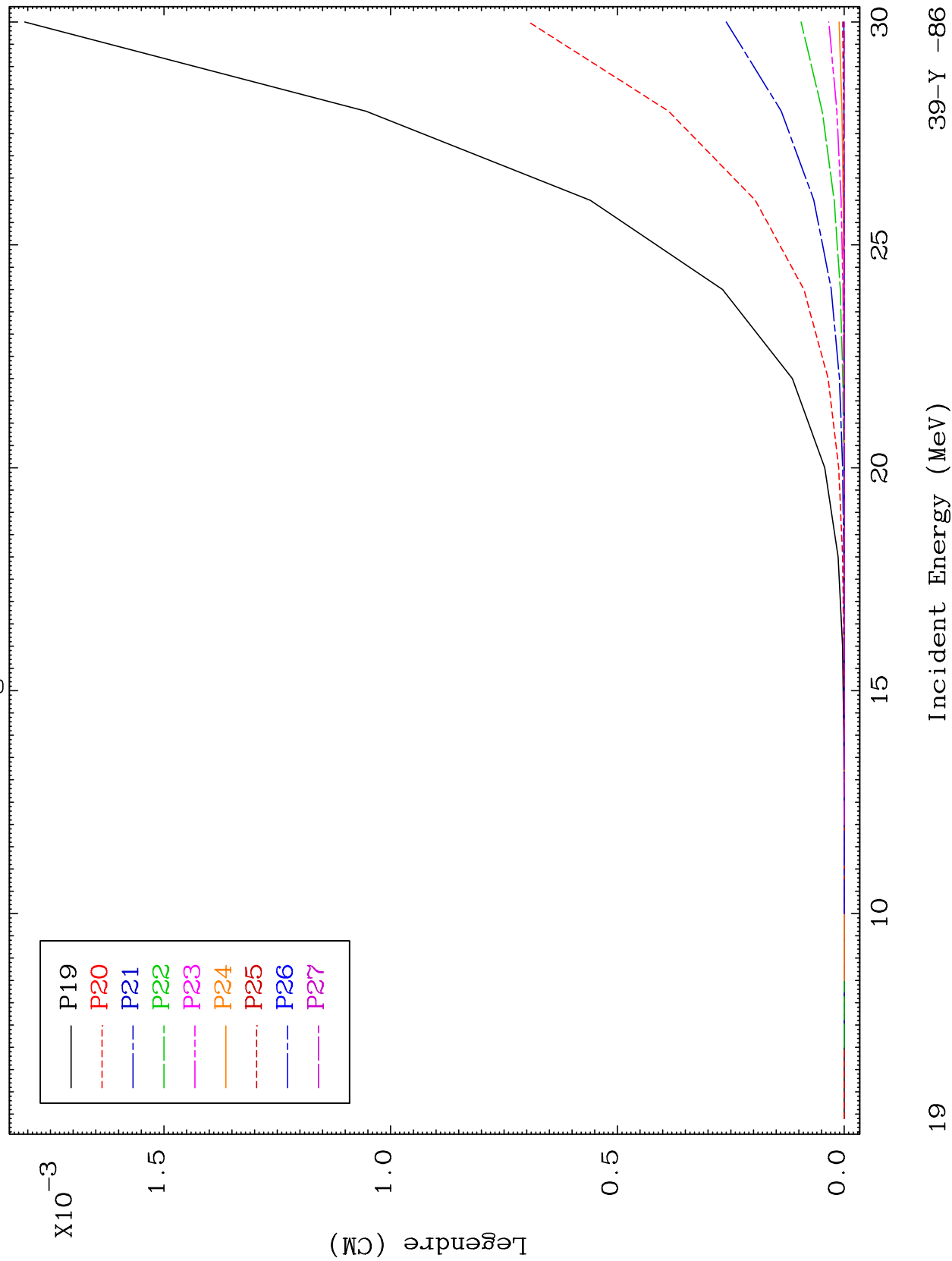
Incident Energy (MeV)

39-Y -86

MAT 3916

Elastic Legendre Coefficients

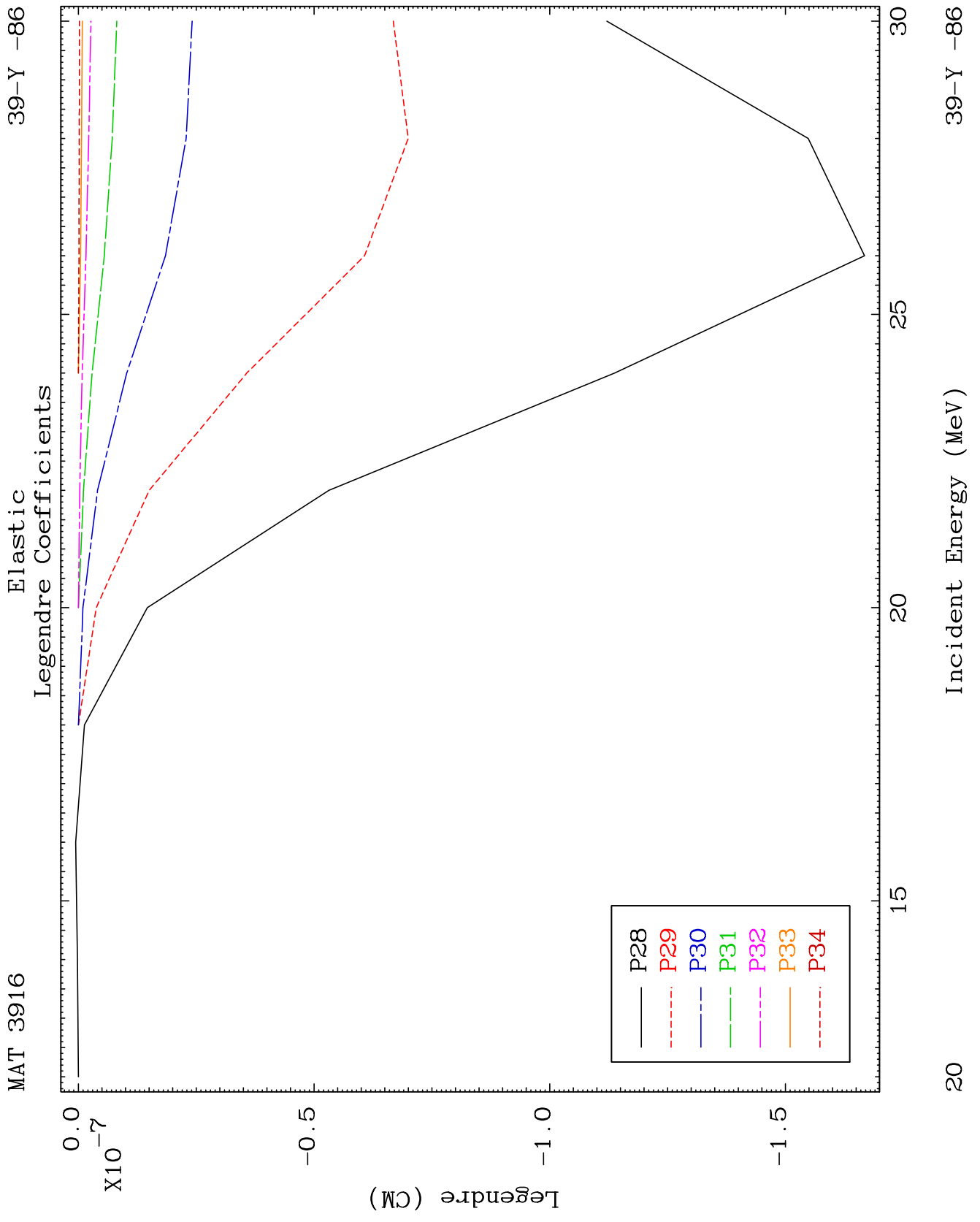
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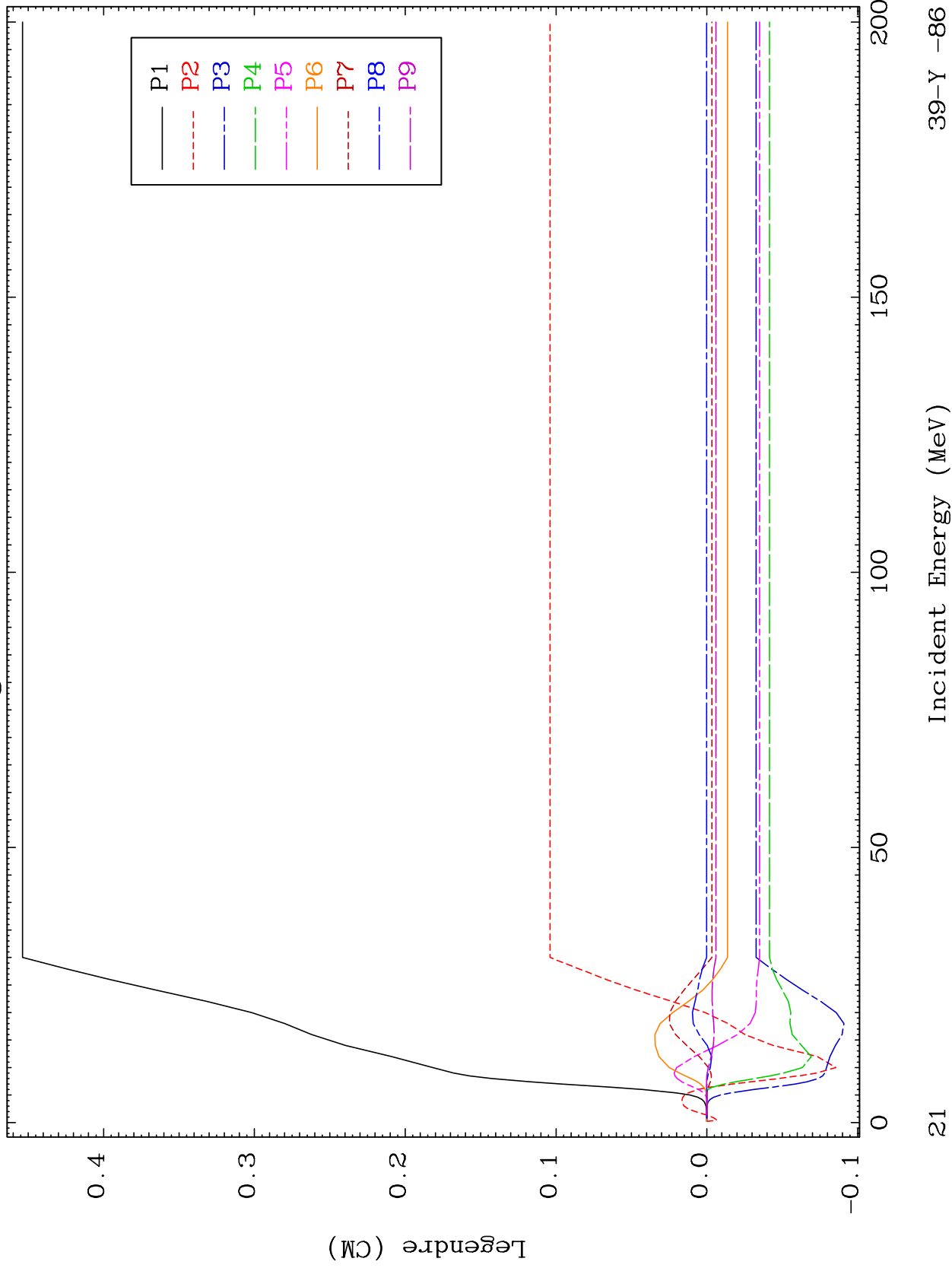


19

Incident Energy (MeV)

39-Y -86

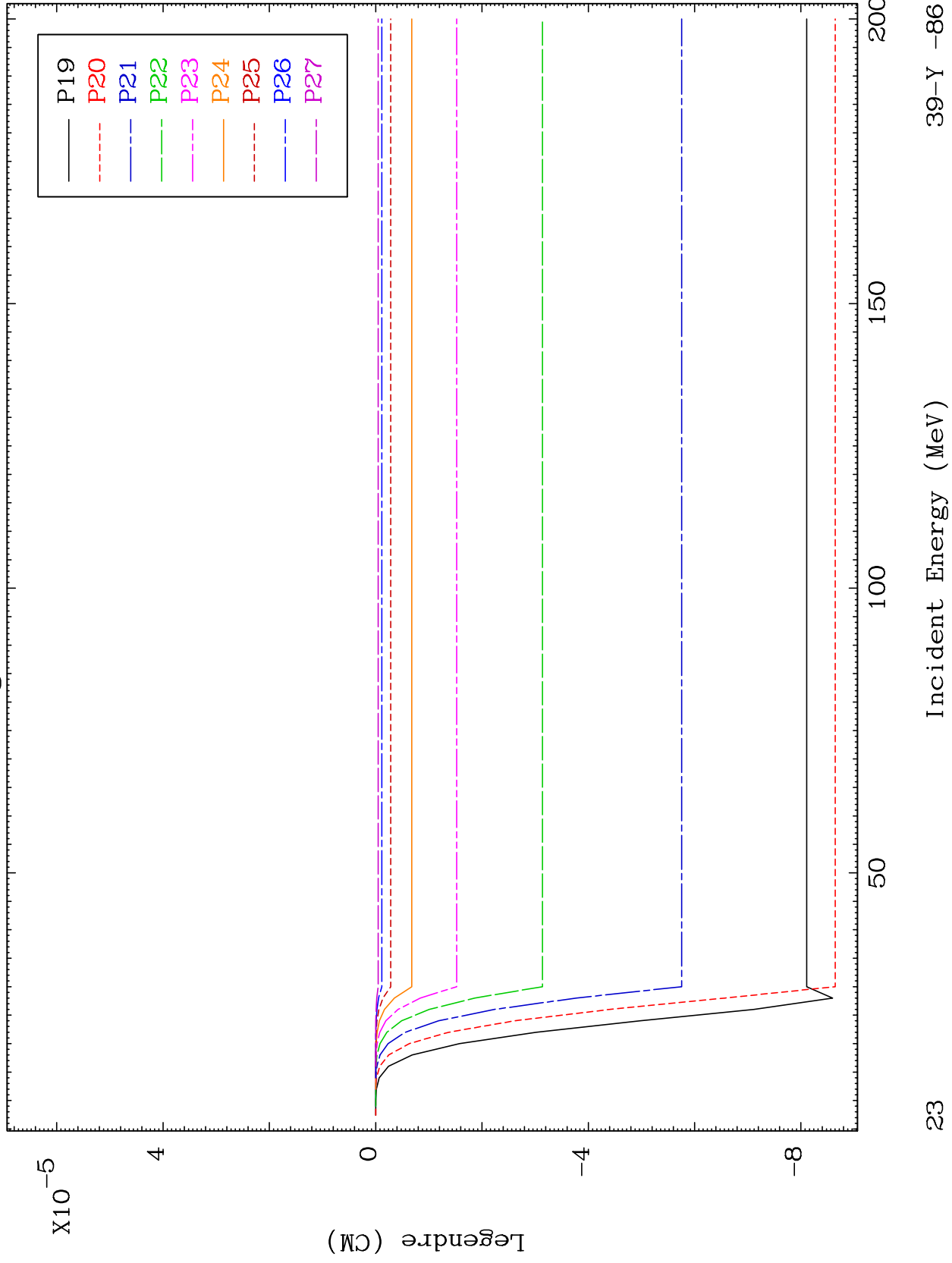




MAT 3916

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

39-Y -86



23

Incident Energy (MeV)

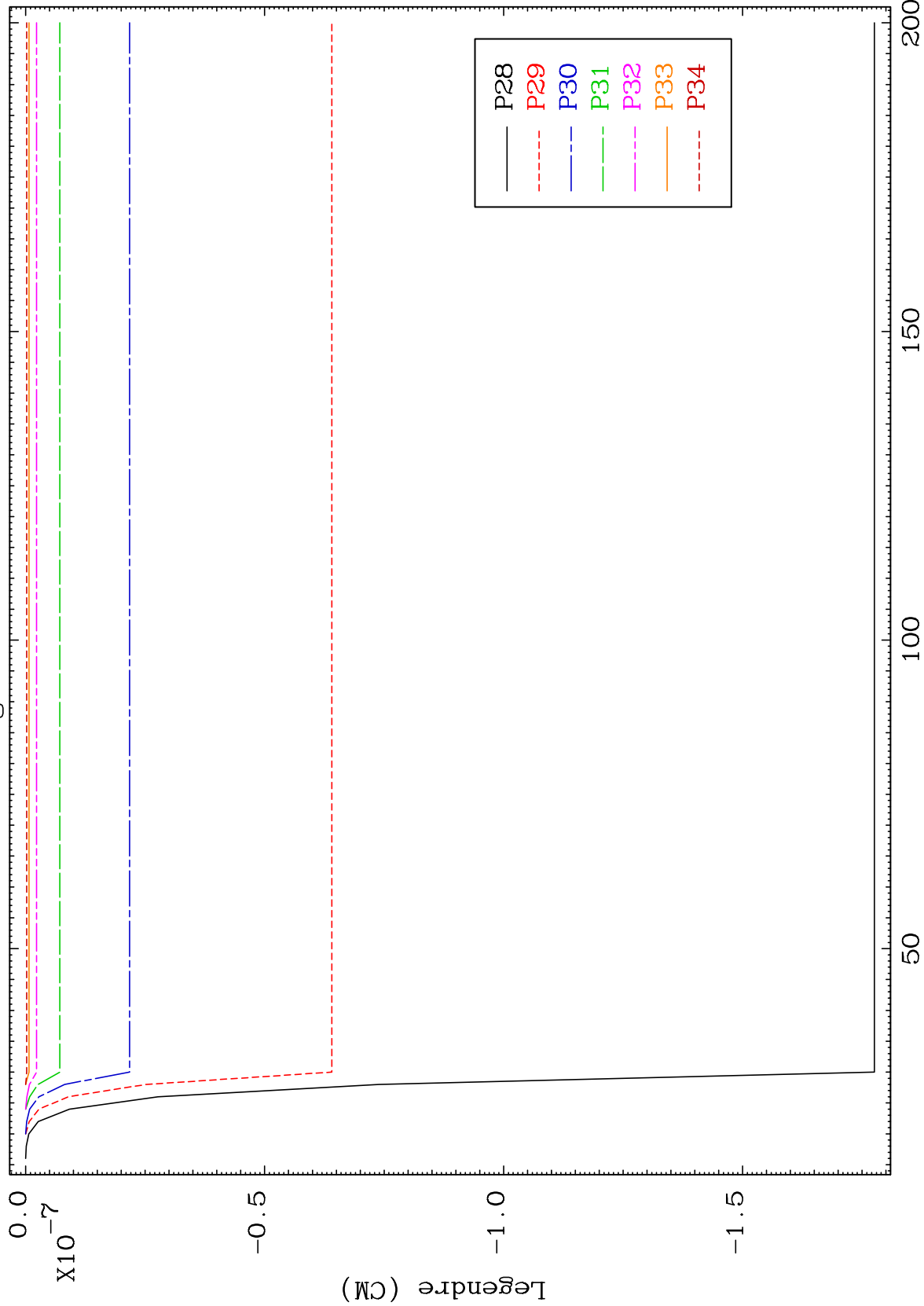
39-Y -86

MAT 3916

MT= 51 (n,n') Level

39-Y -86

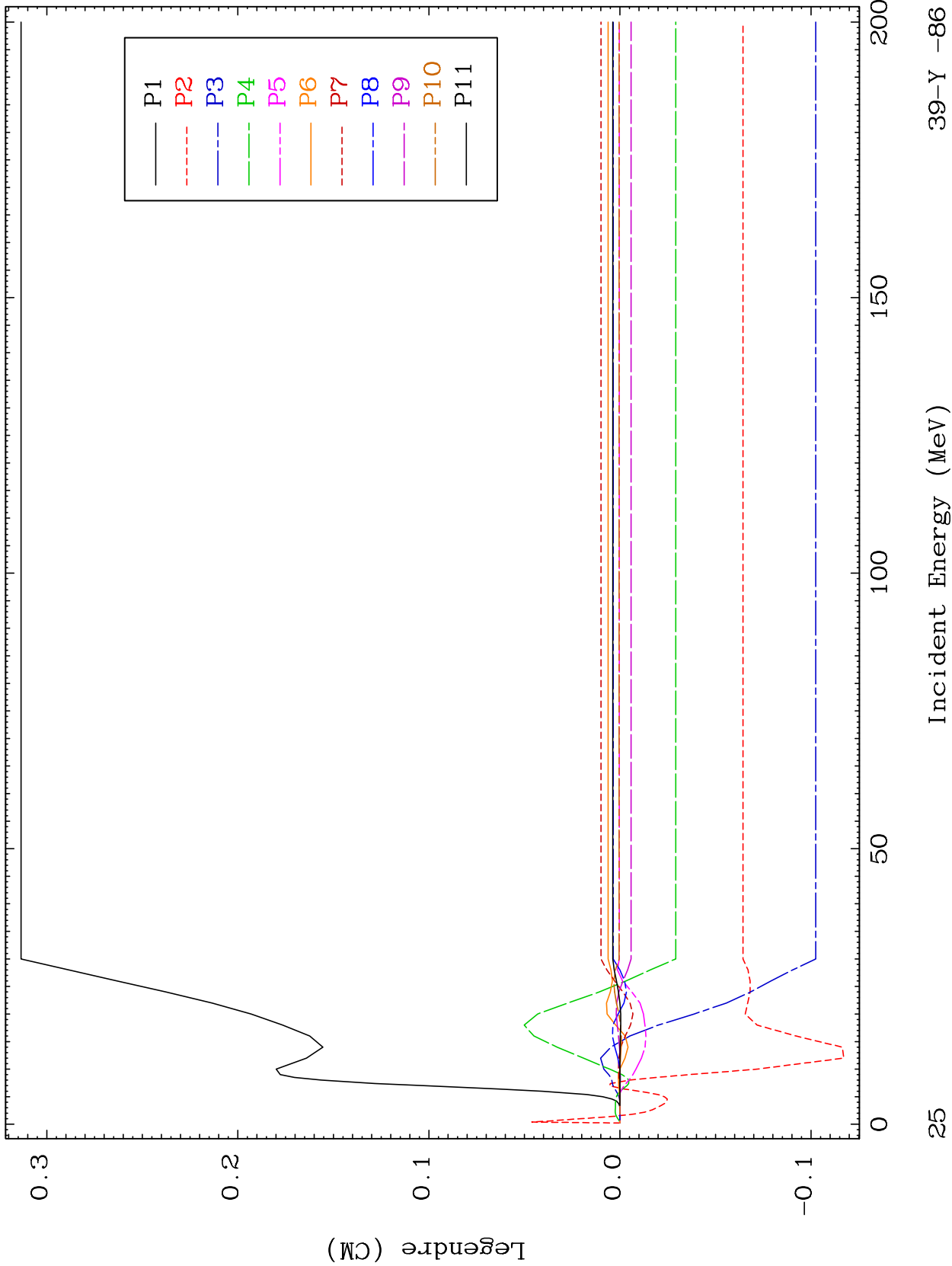
Legendre Coefficients

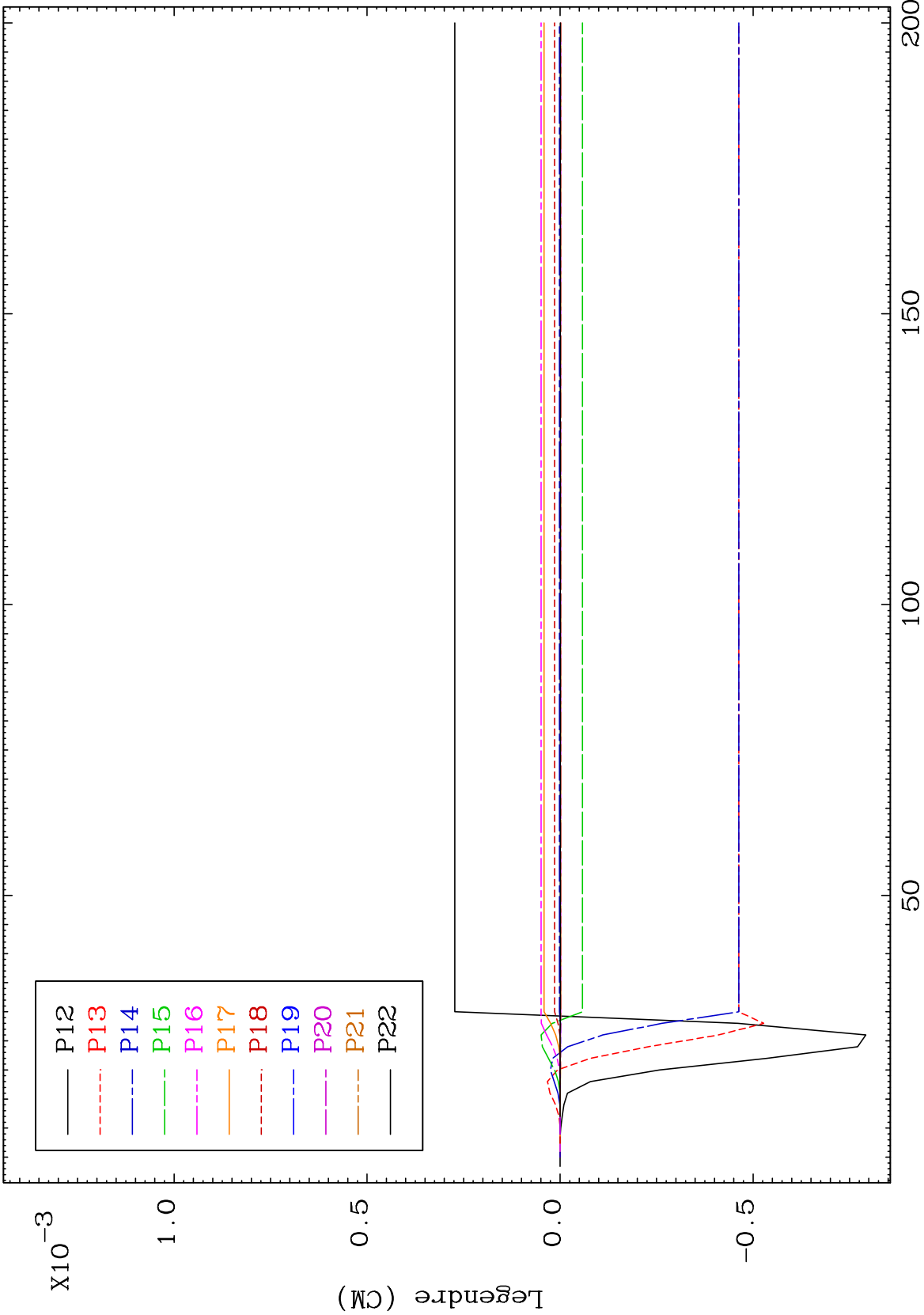


24

Incident Energy (MeV)

39-Y -86

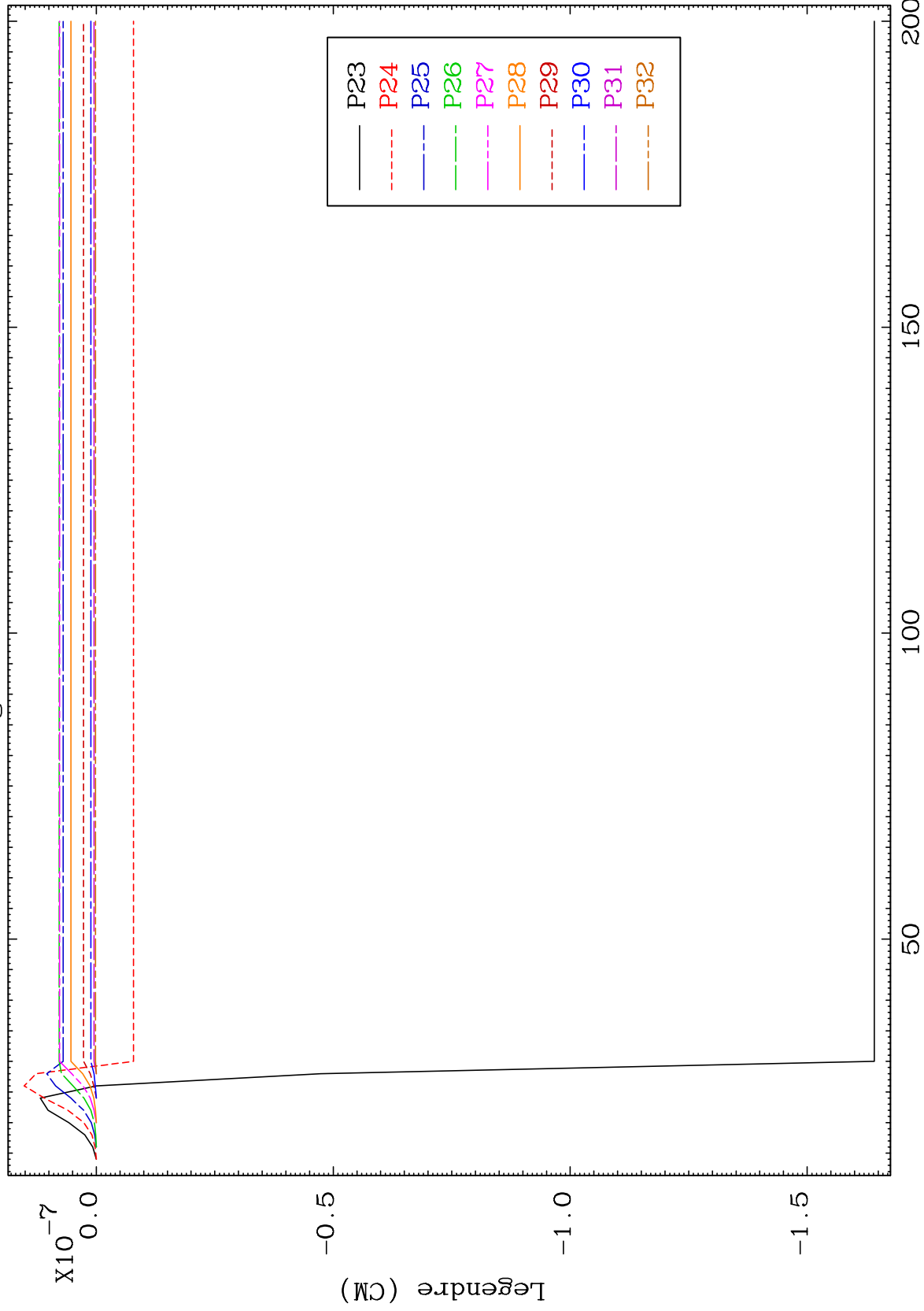




MAT 3916

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

39-Y -86



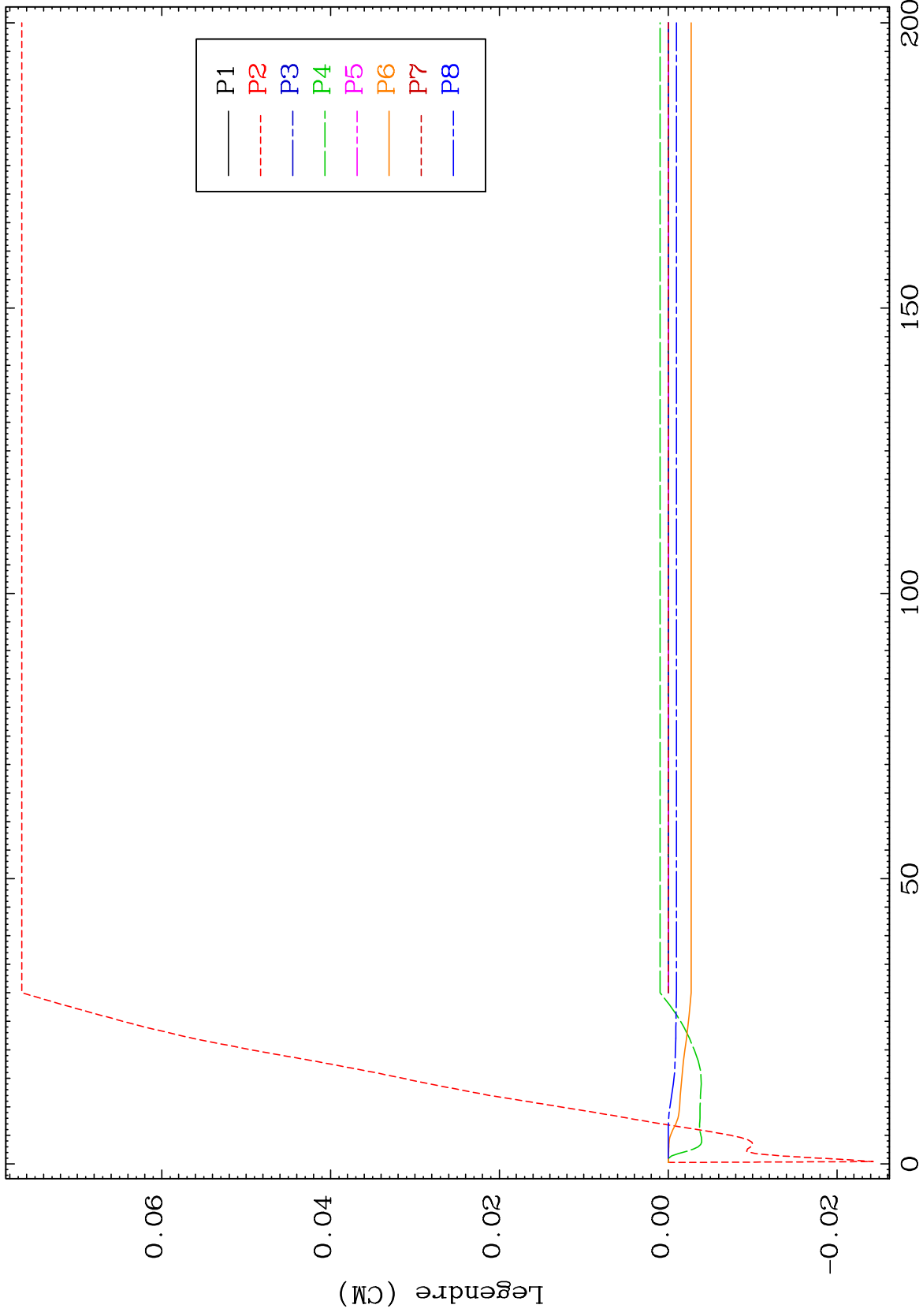
27

39-Y -86

MAT 3916

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

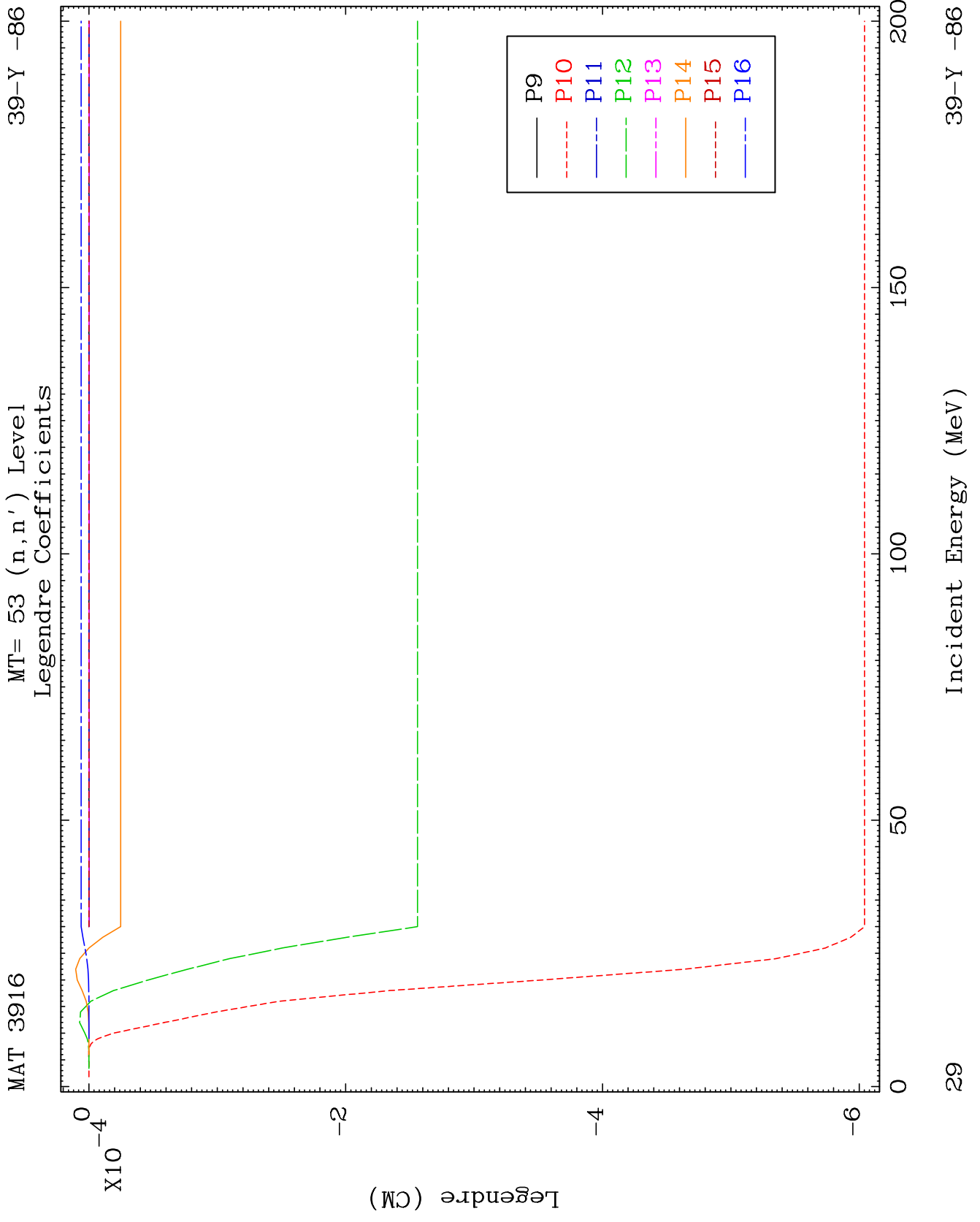
39-Y -86



28

Incident Energy (MeV)

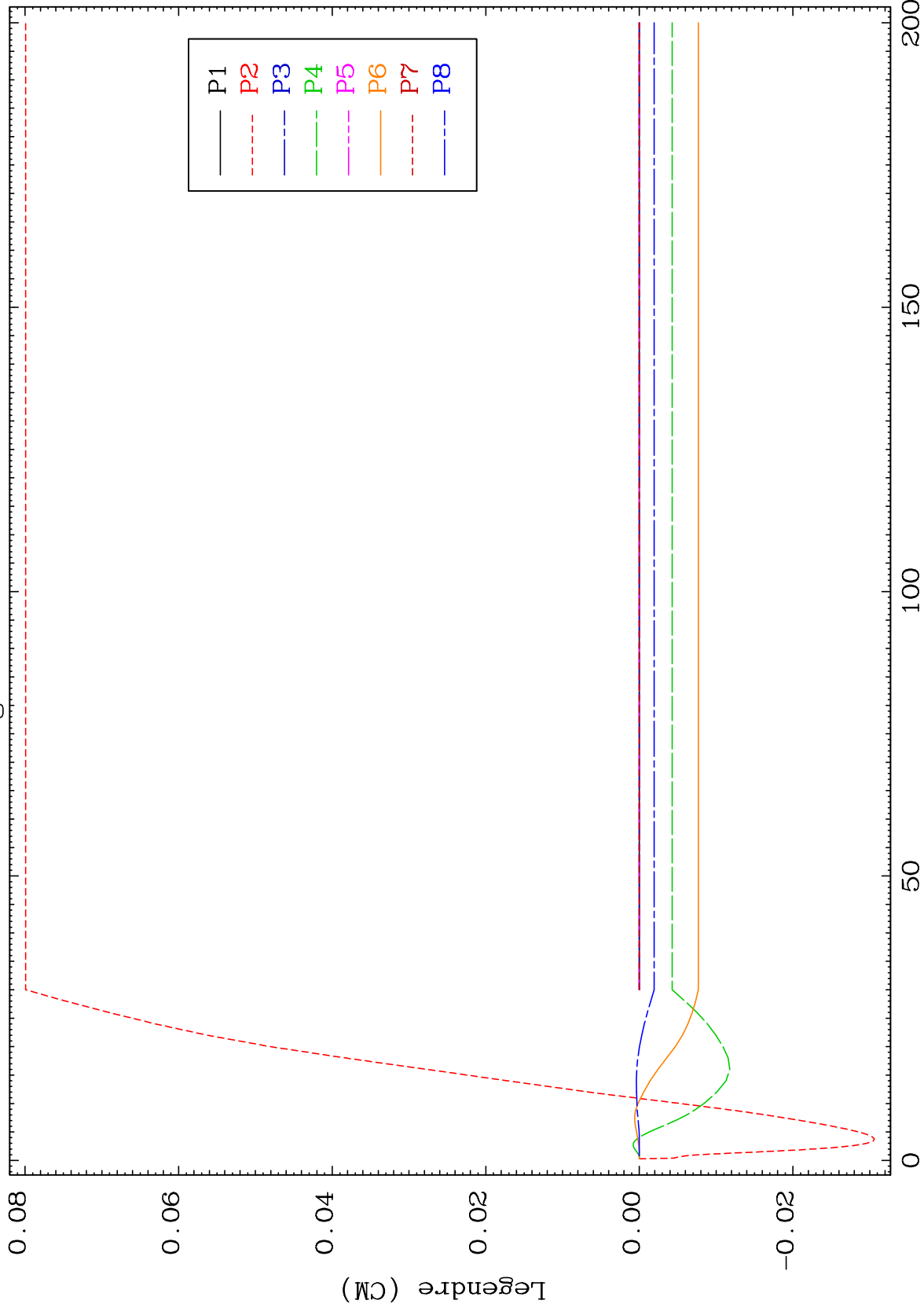
39-Y -86



MAT 3916

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

39-Y -86



39-Y -86

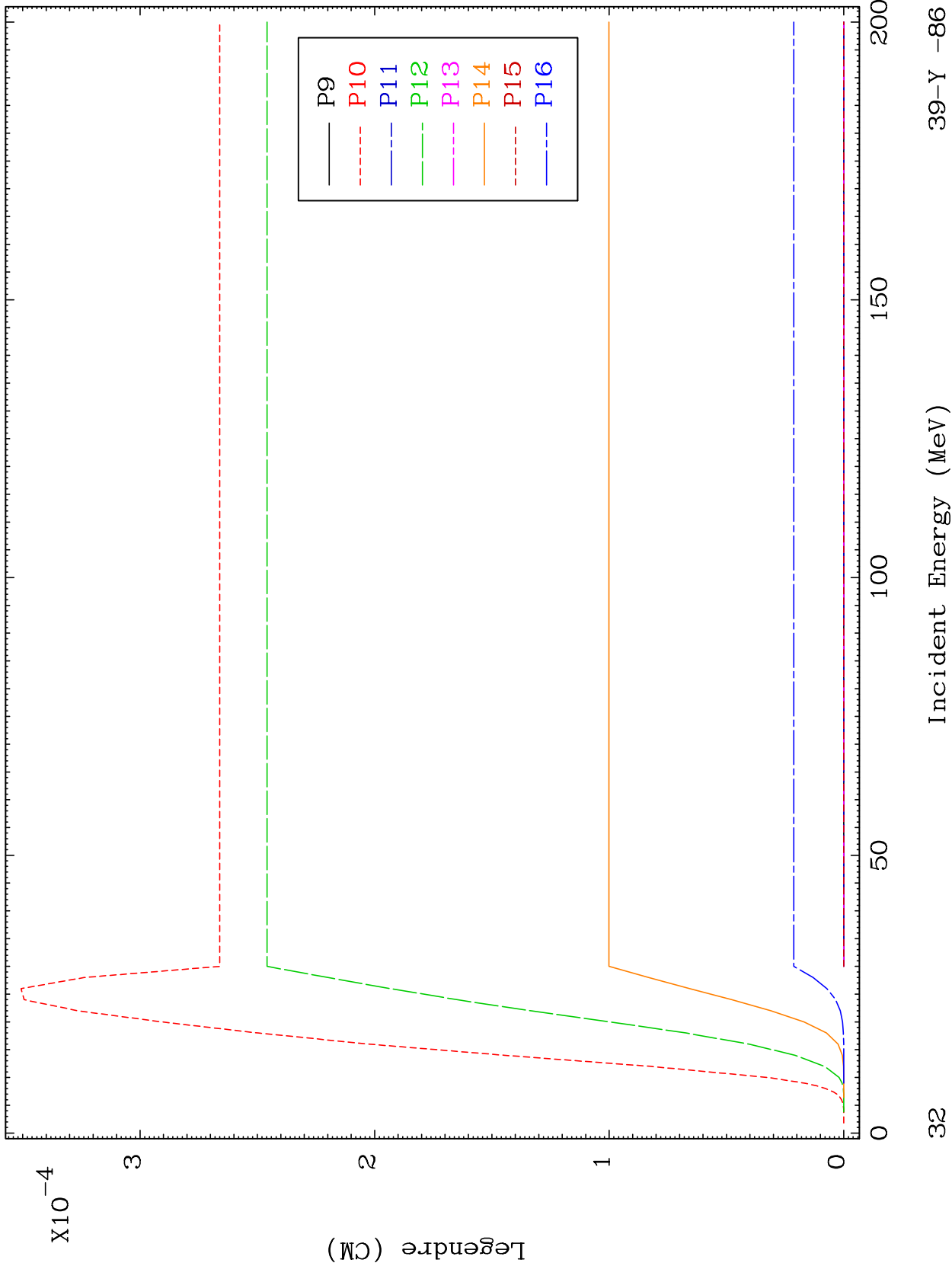
Incident Energy (MeV)

31

MAT 3916

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

39-Y -86

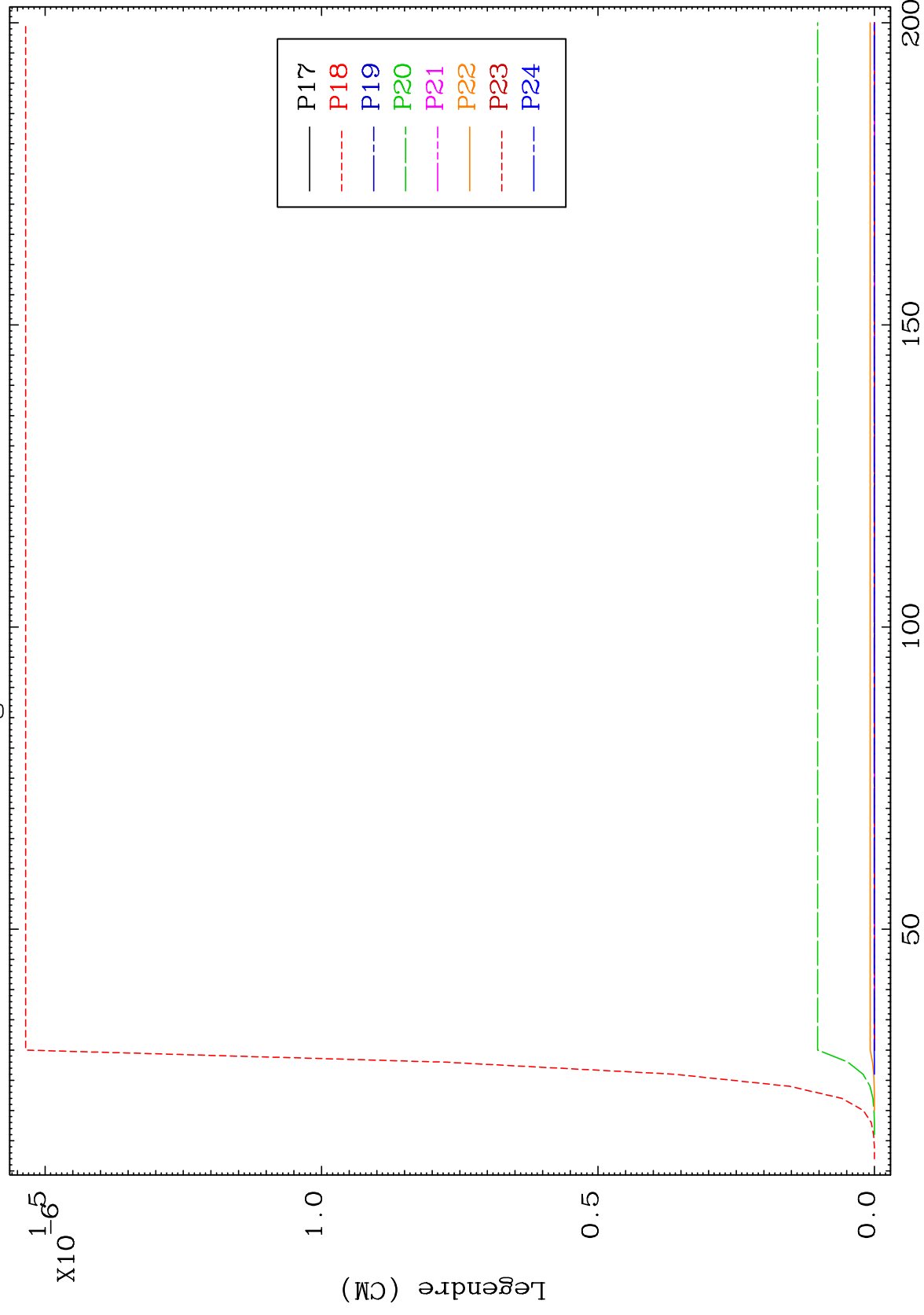


32

MAT 3916

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

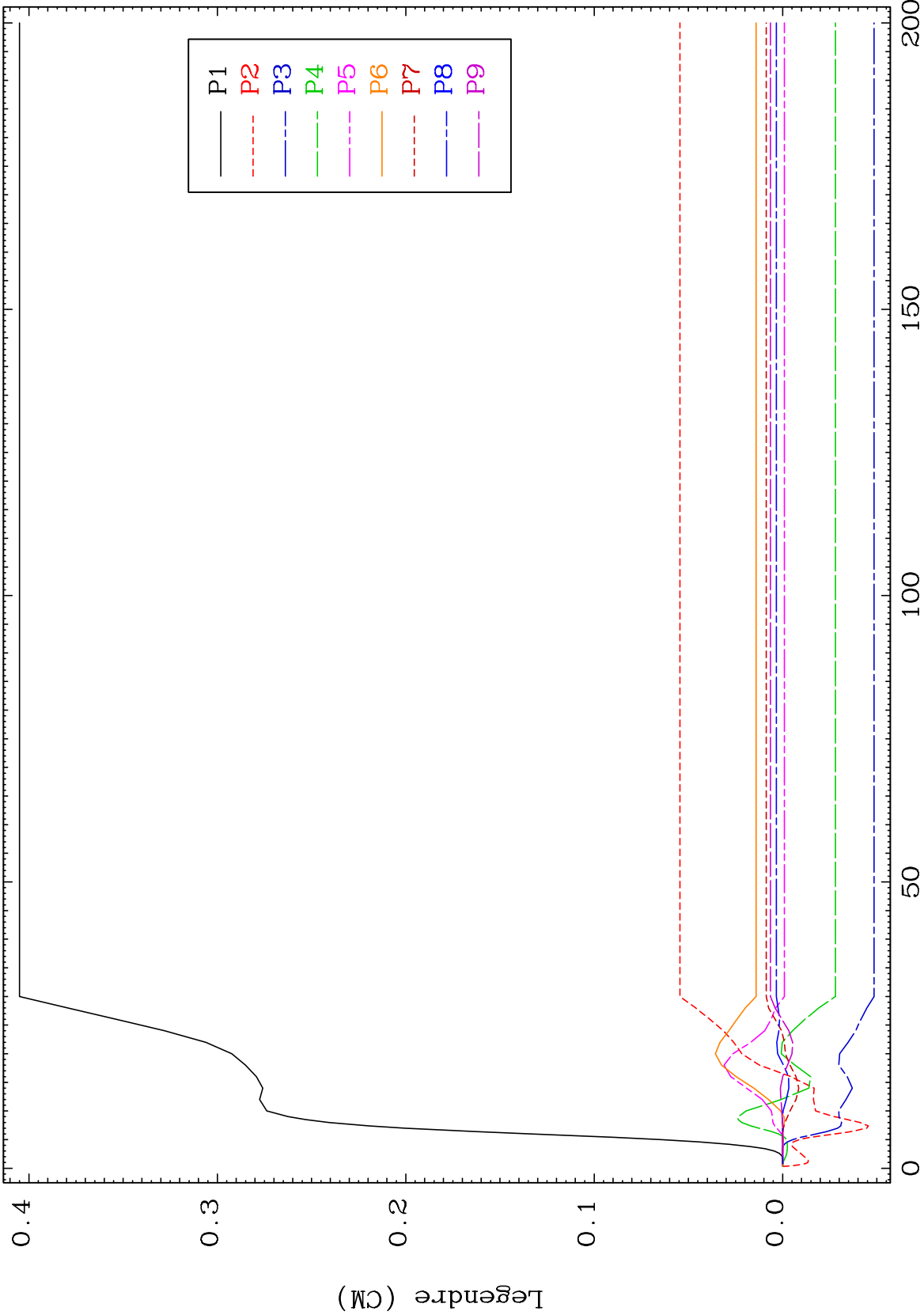
39-Y -86



33

Incident Energy (MeV)

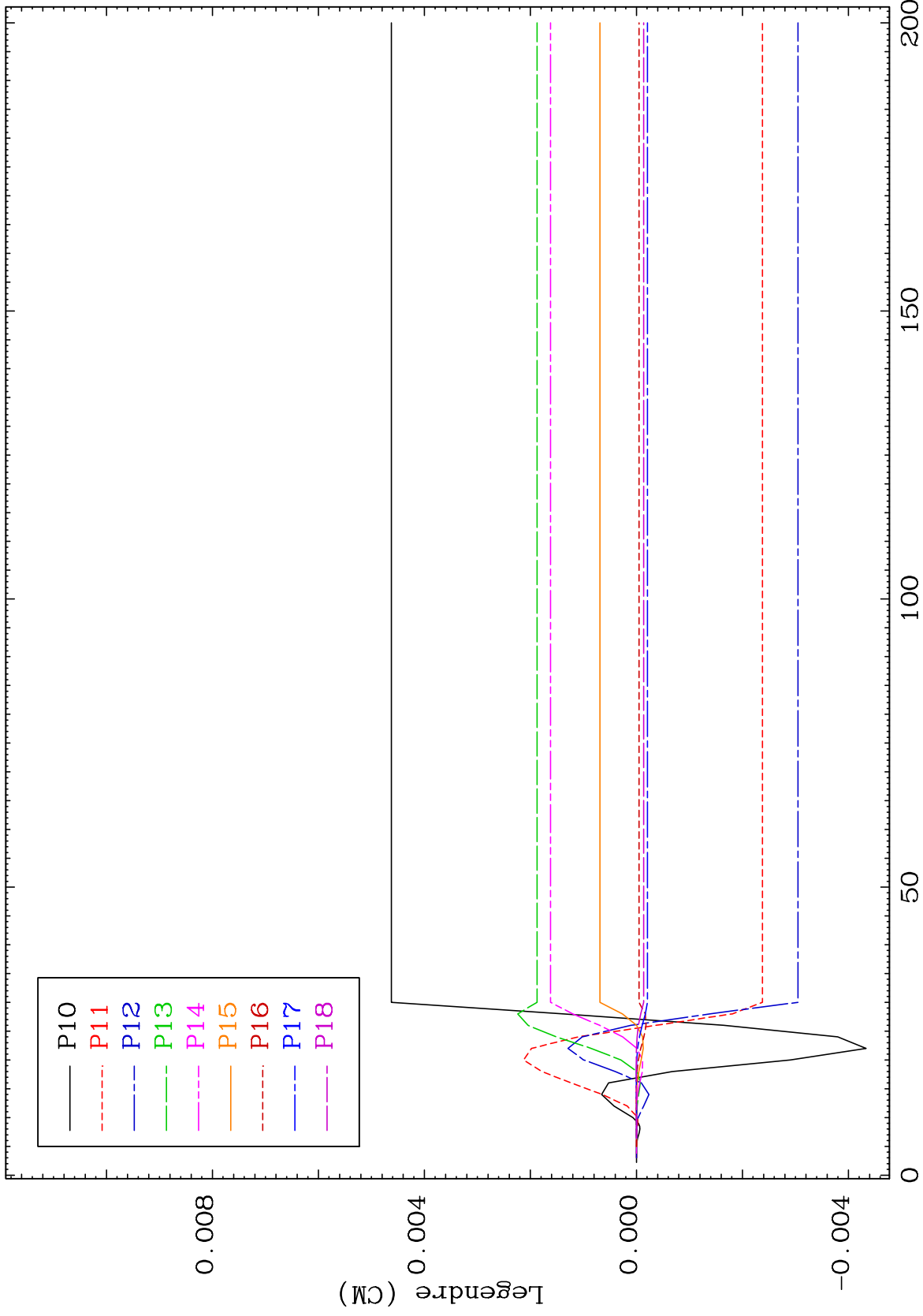
39-Y -86



MAT 3916

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

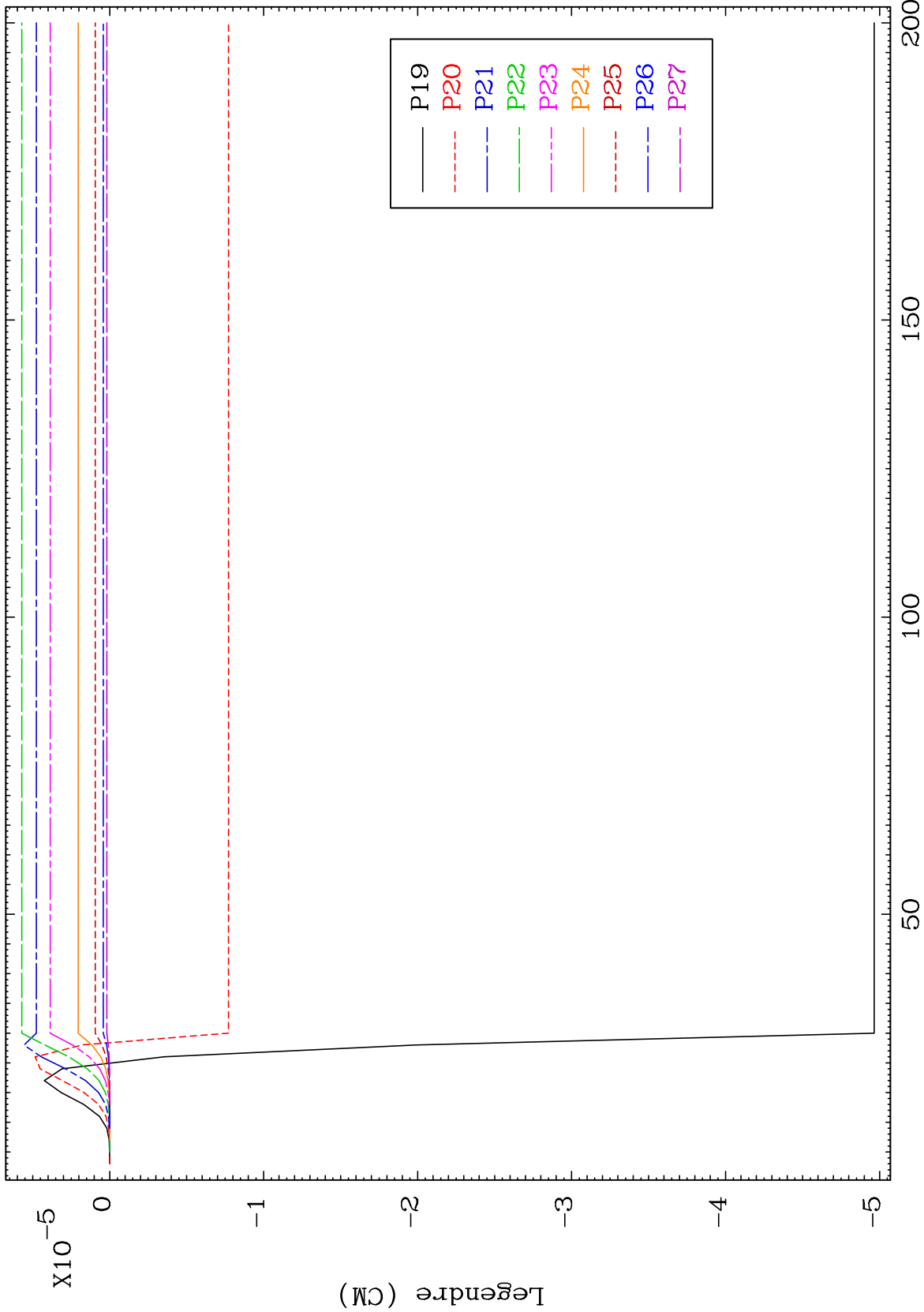
39-Y -86



35

Incident Energy (MeV)

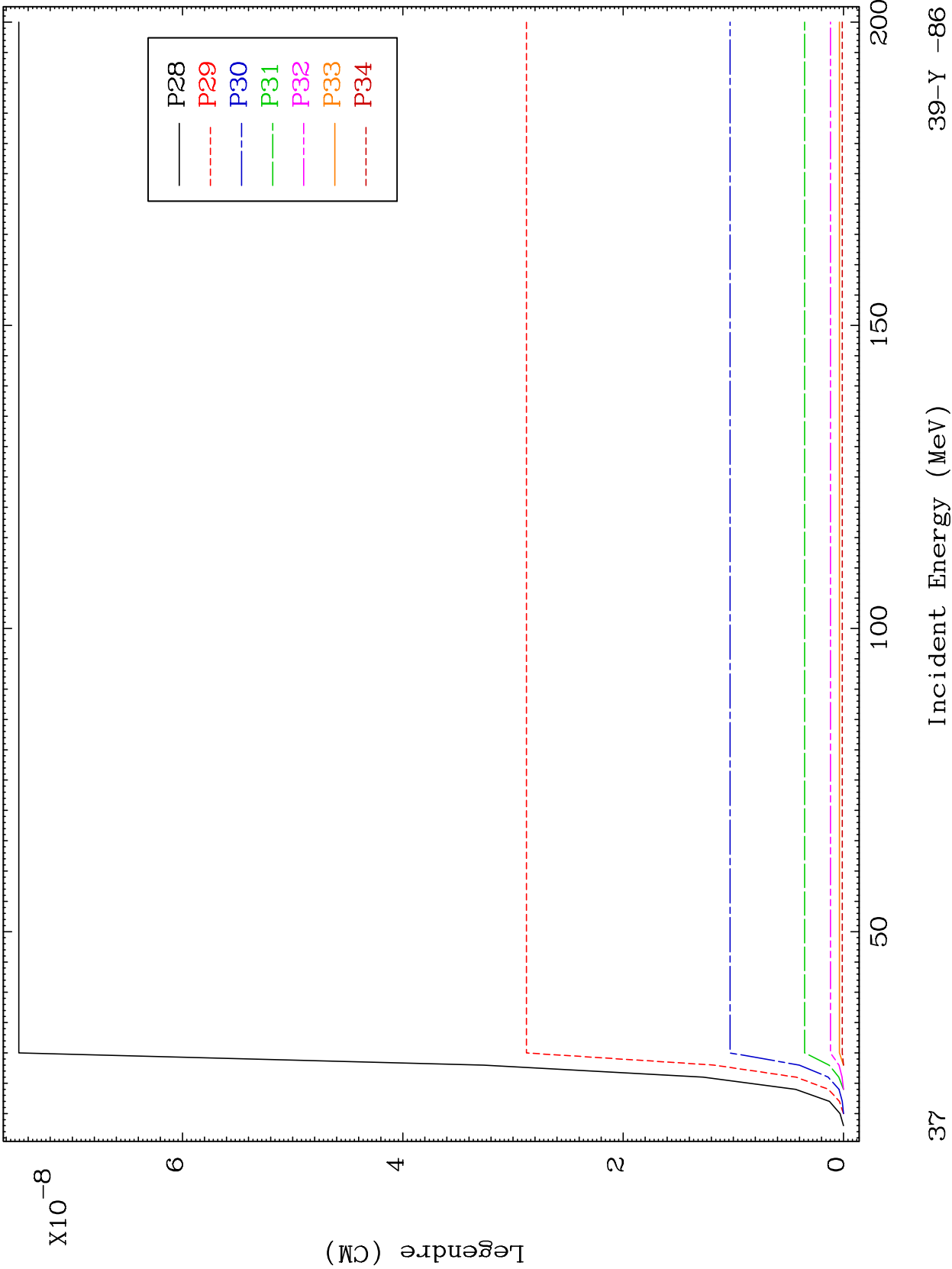
39-Y -86



MAT 3916

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

39-Y -86



37

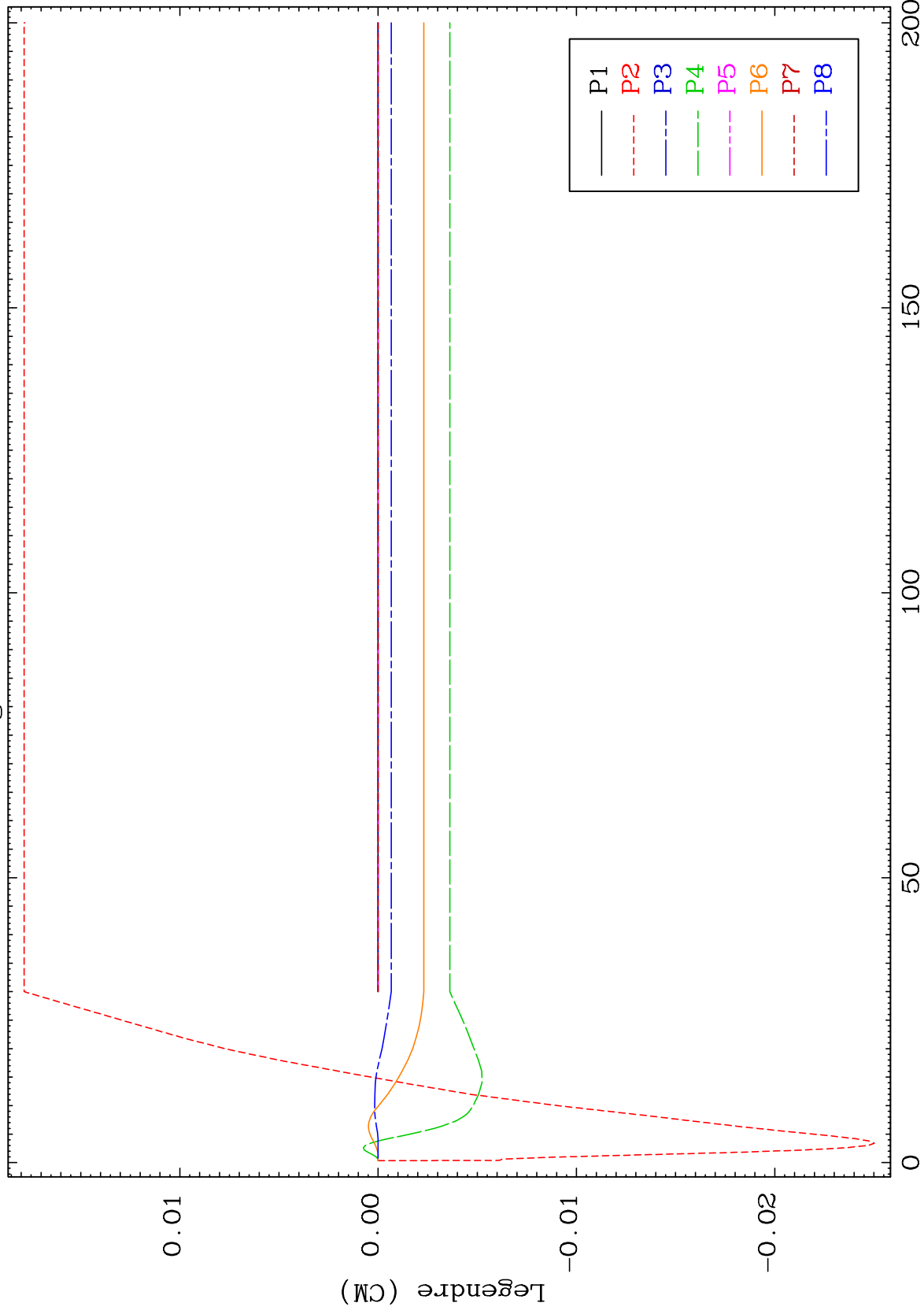
Incident Energy (MeV)

39-Y -86

MAT 3916

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

39-Y -86



38

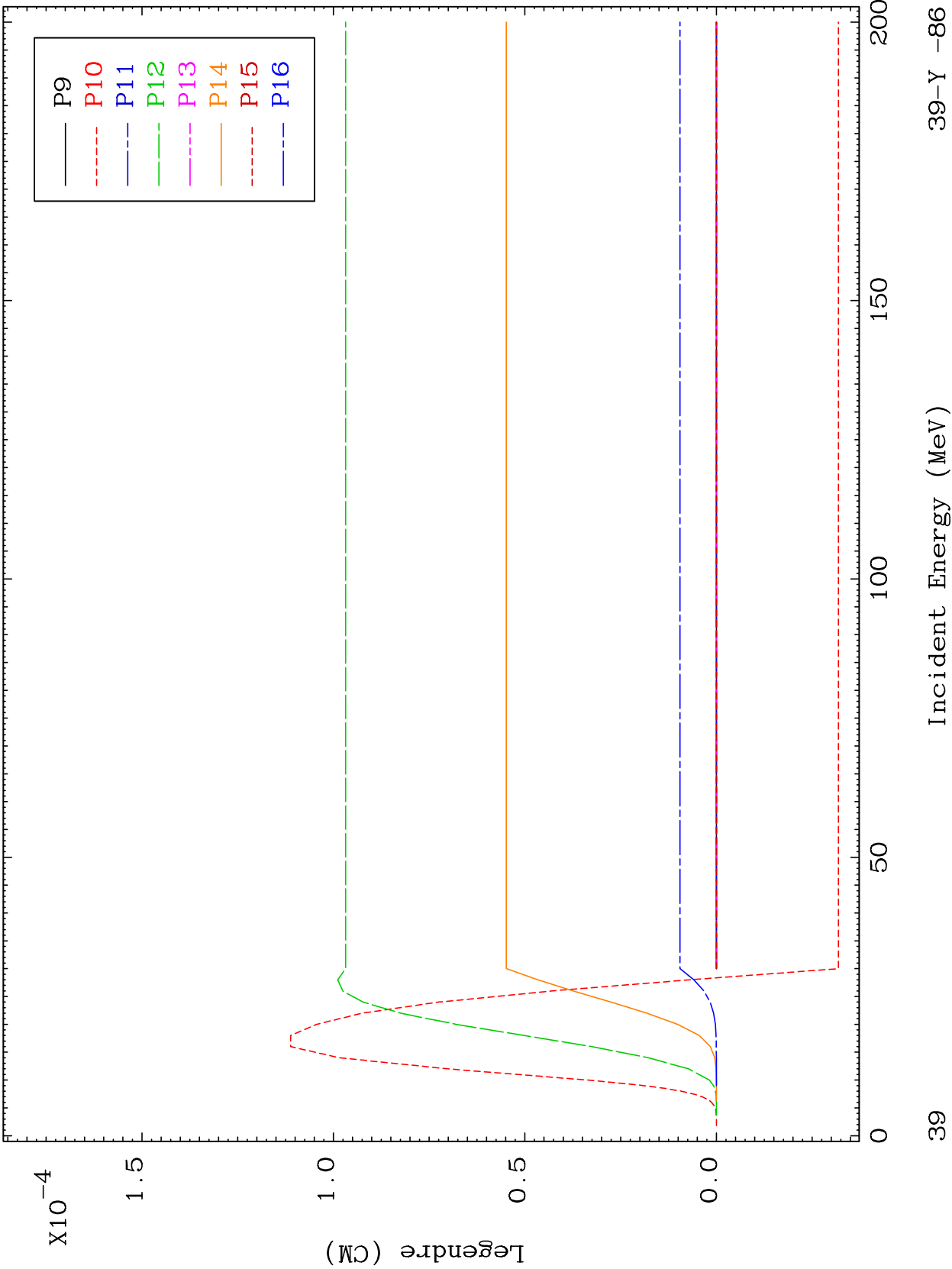
Incident Energy (MeV)

39-Y -86

MAT 3916

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

39-Y -86



39

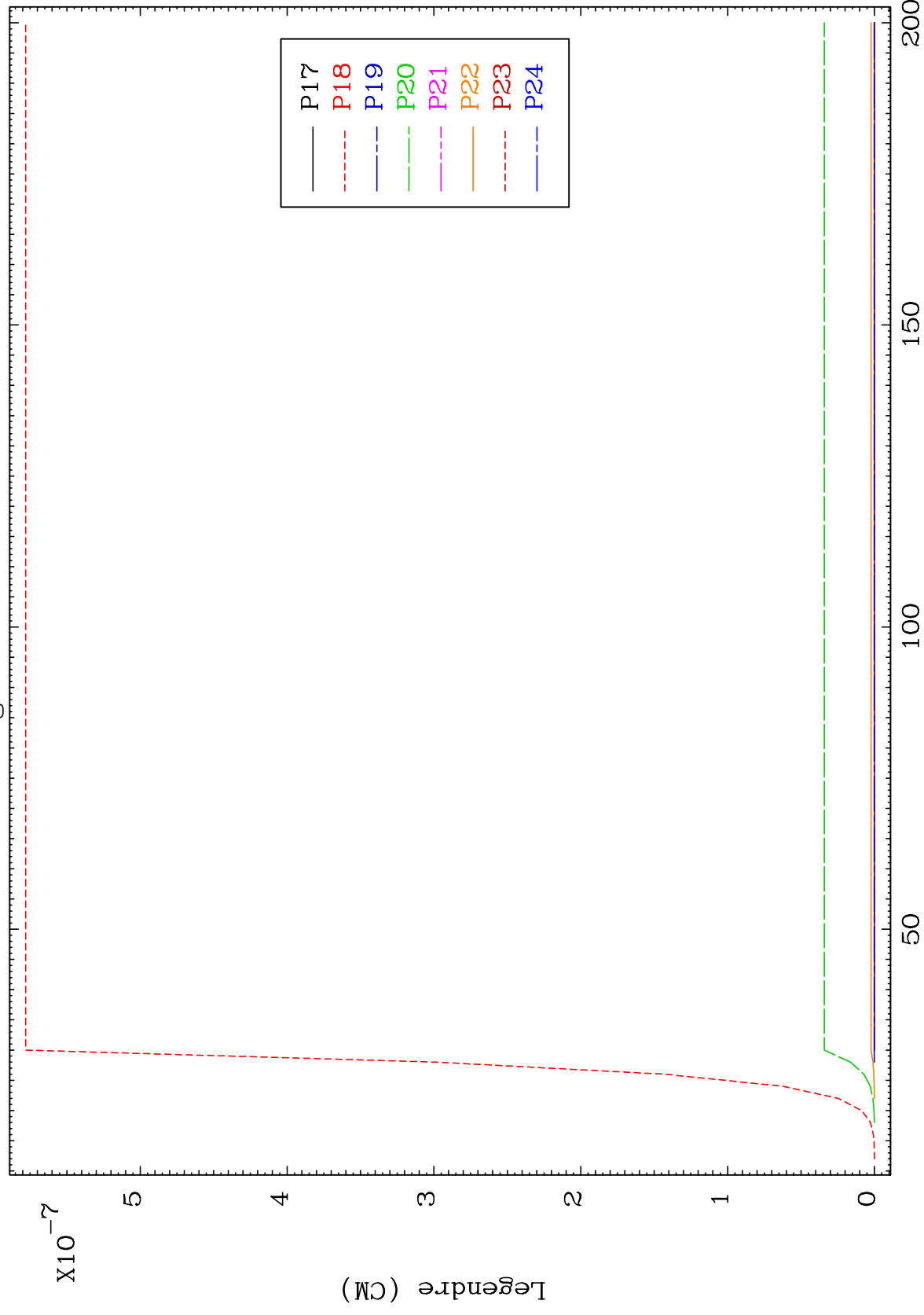
Incident Energy (MeV)

39-Y -86

MAT 3916

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

39-Y -86



39-Y -86

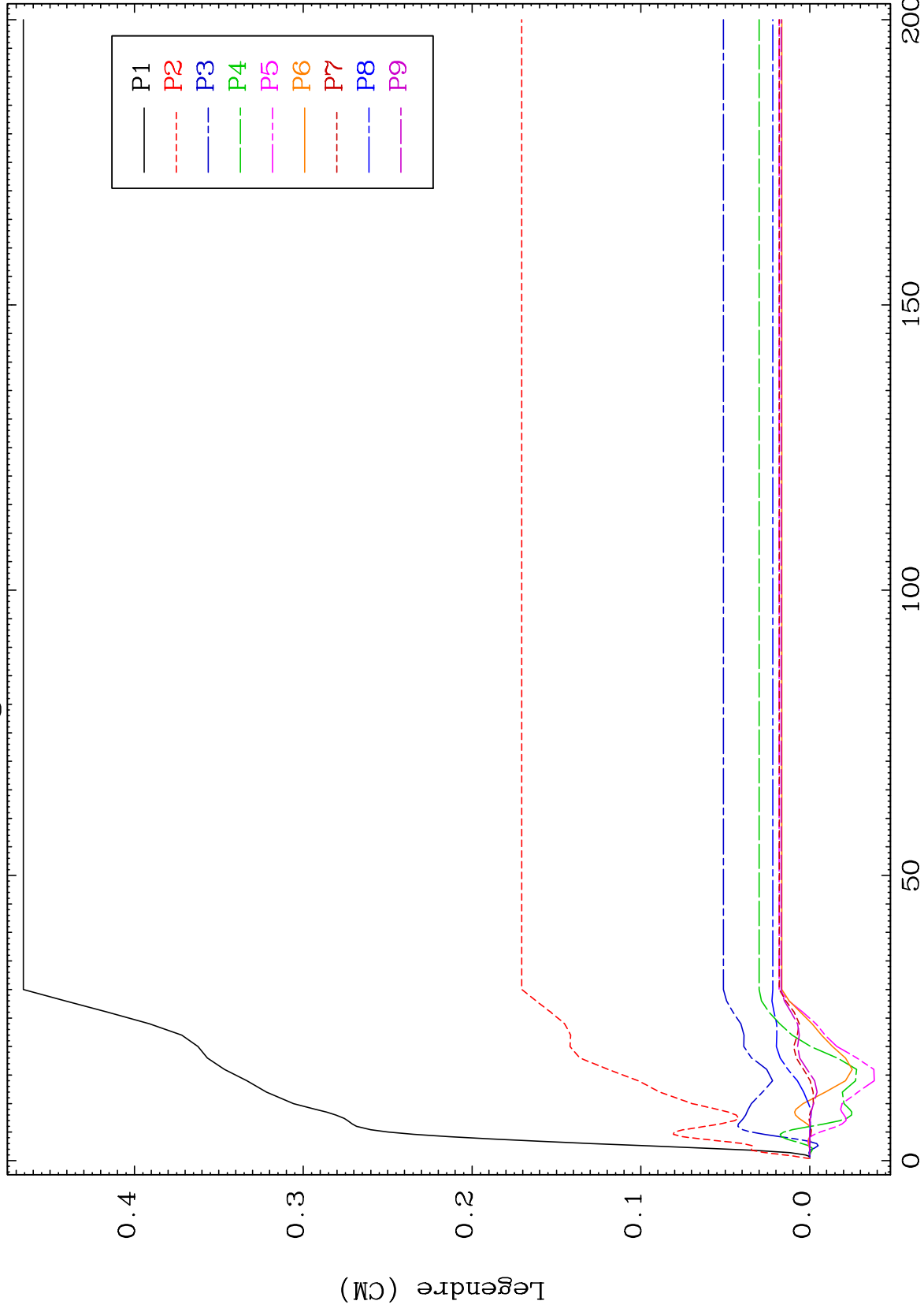
Incident Energy (MeV)

40

MAT 3916

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

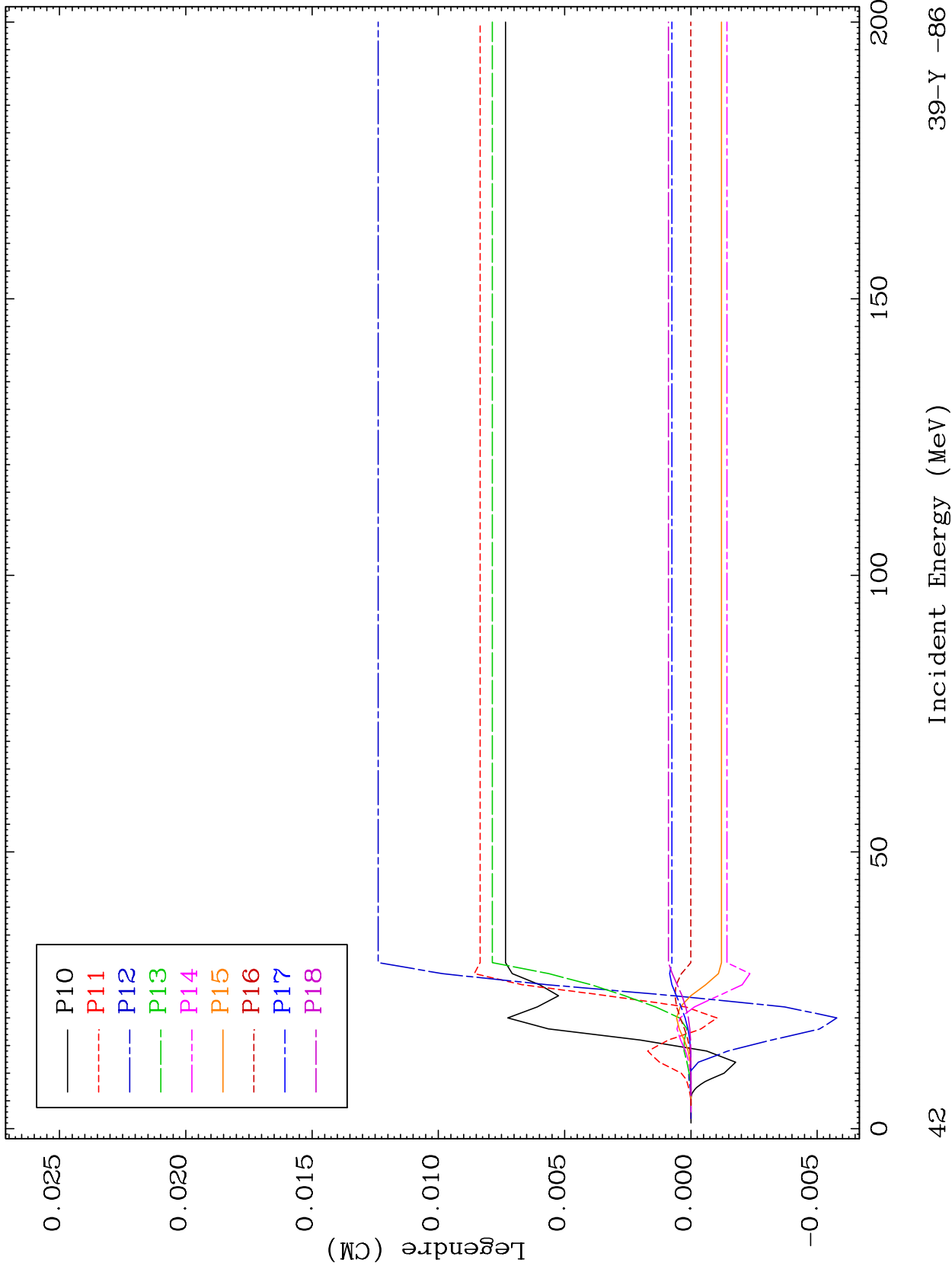
39-Y -86



41

Incident Energy (MeV)

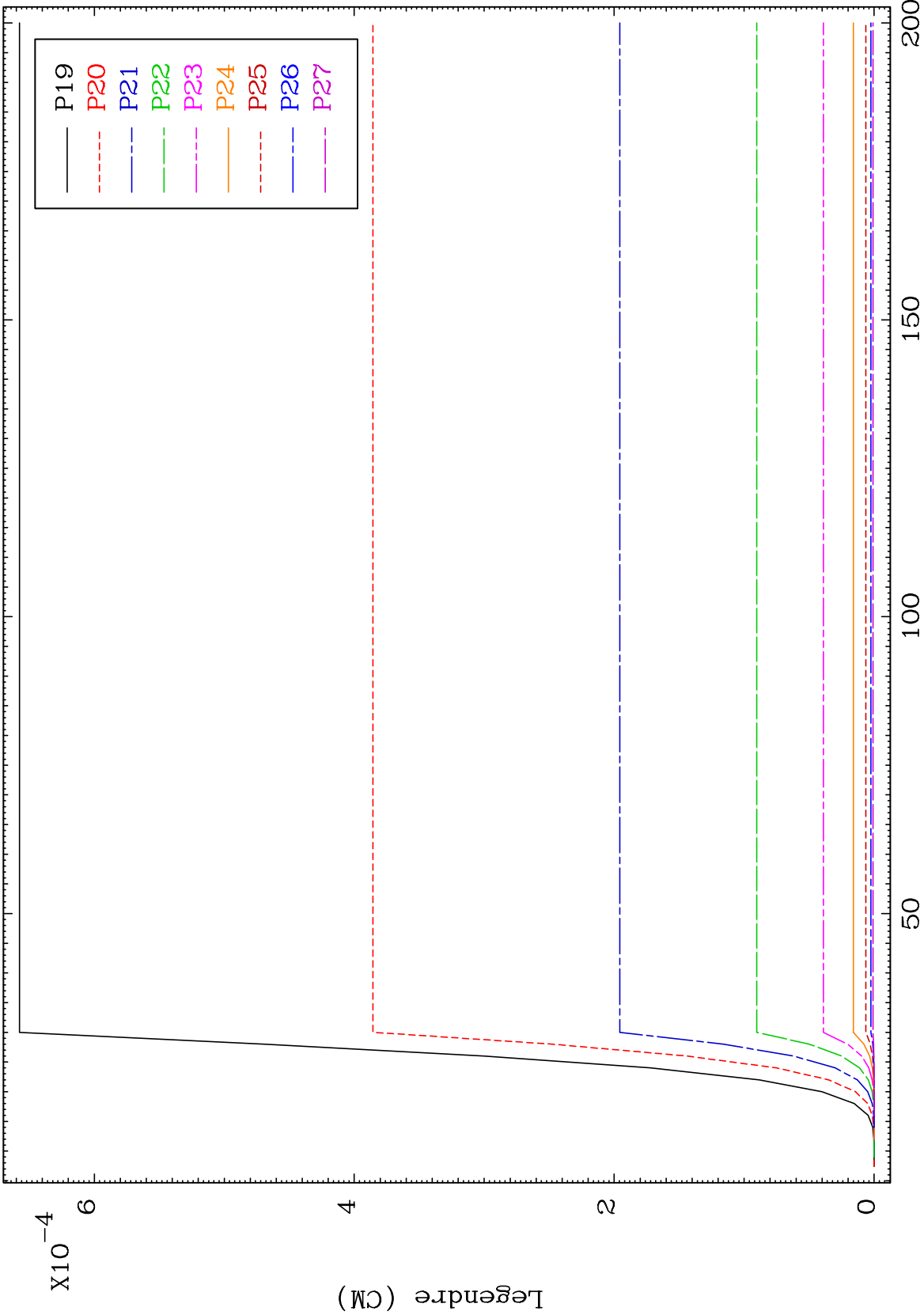
39-Y -86



MAT 3916

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

39-Y -86



43

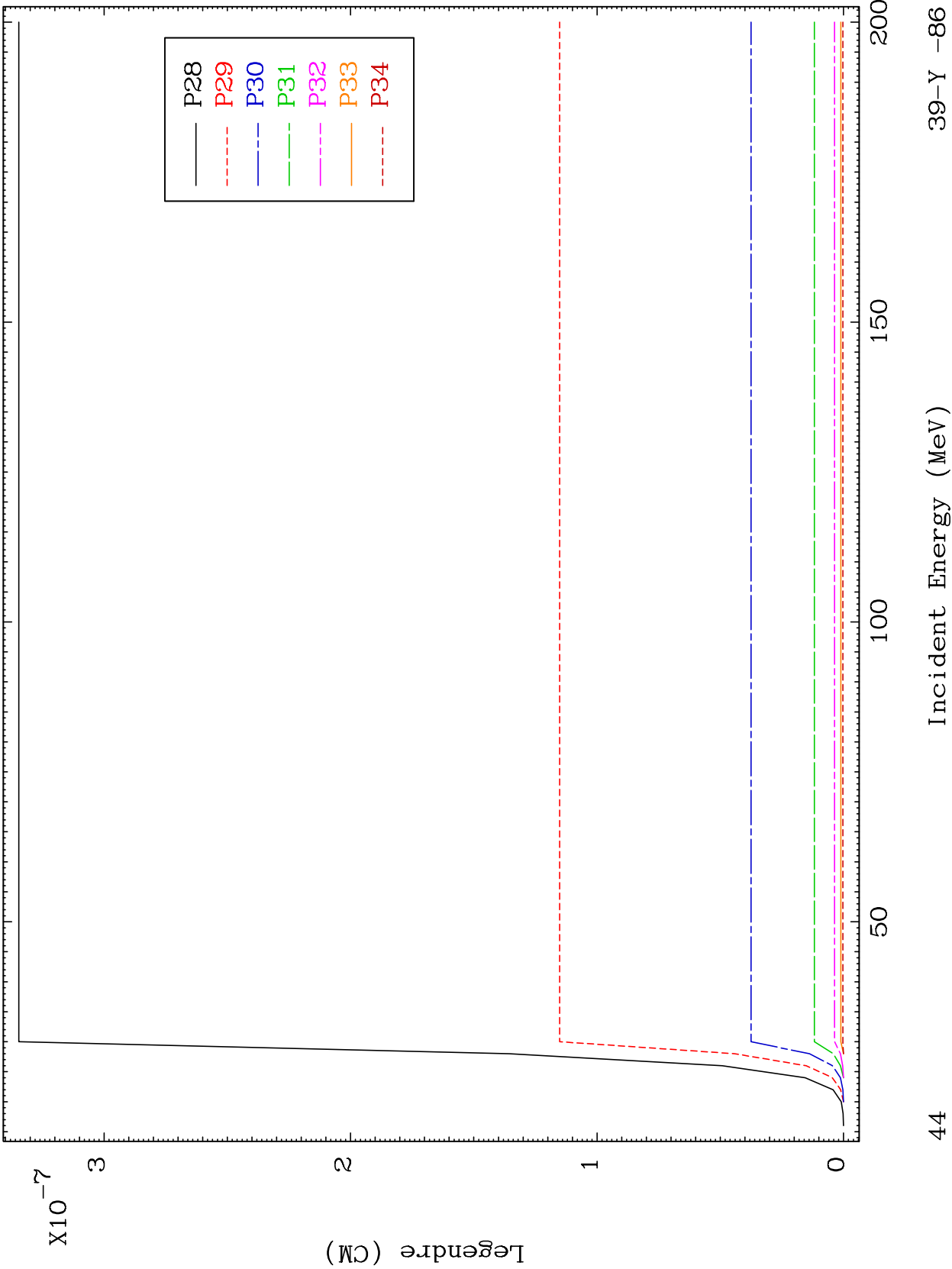
Incident Energy (MeV)

39-Y -86

MAT 3916

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

39-Y -86



44

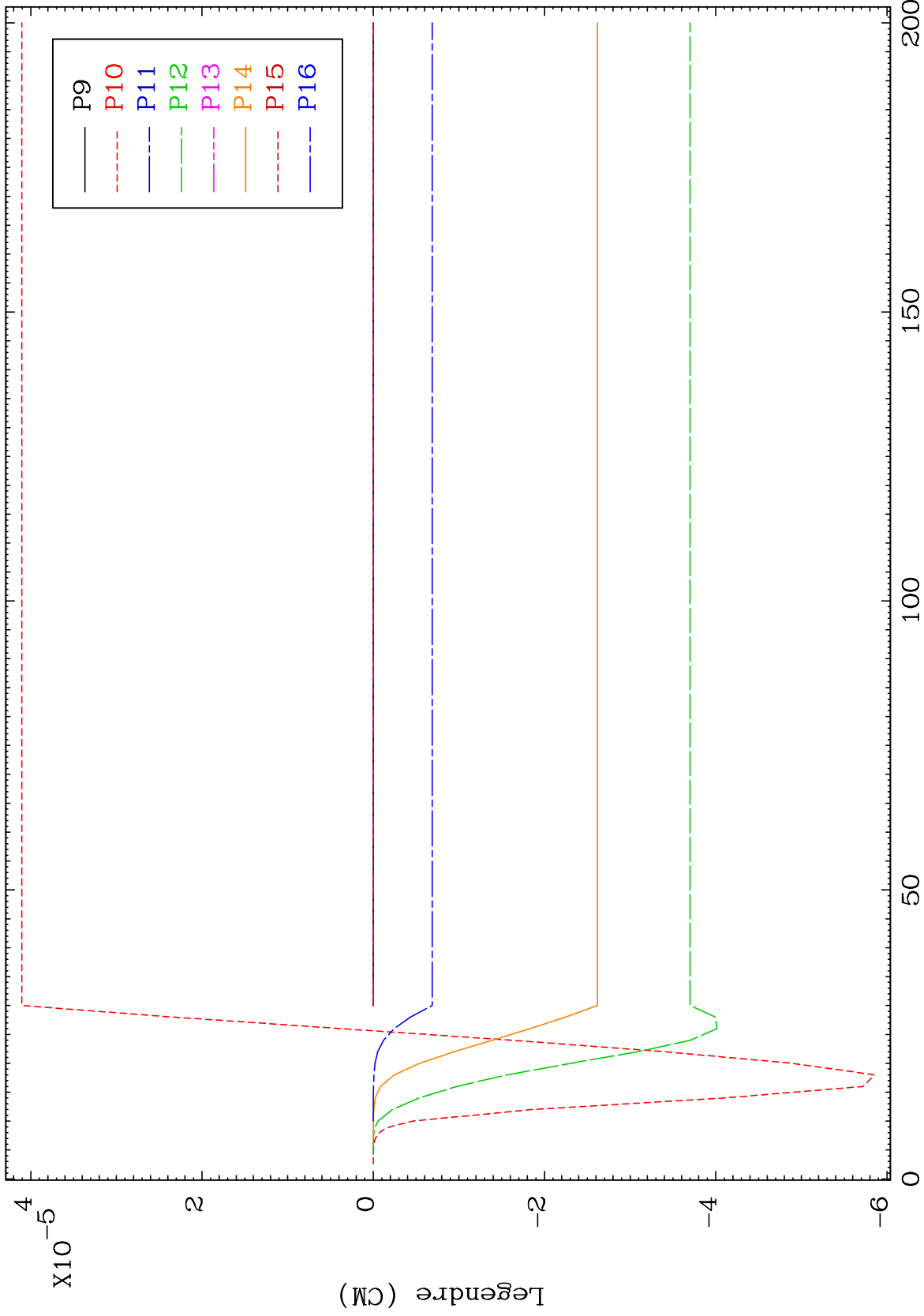
Incident Energy (MeV)

39-Y -86

MAT 3916

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

39-Y -86



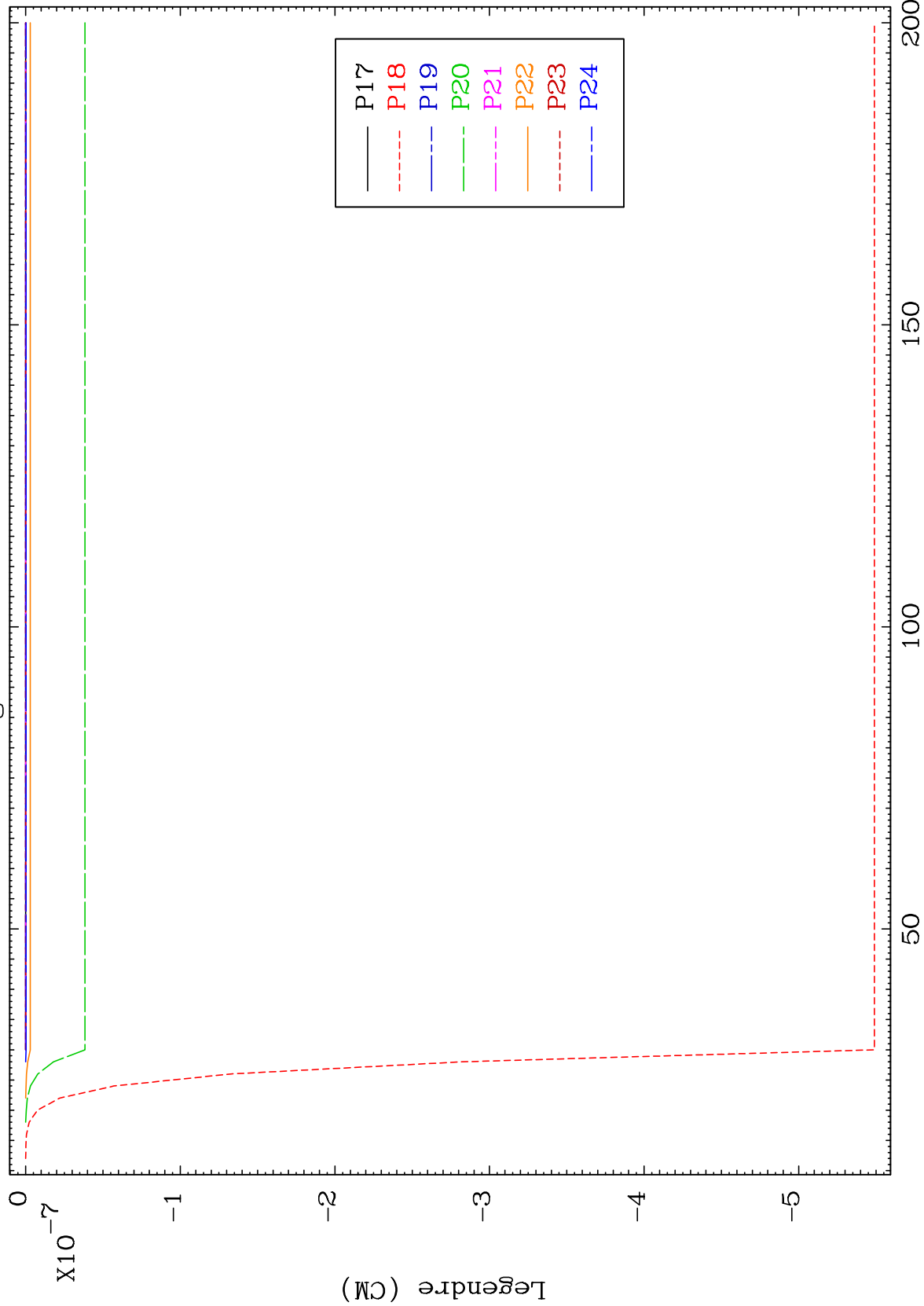
46

Incident Energy (MeV)

39-Y -86

MAT 3916 MT= 58 (n,n') Level 39-Y -86

Legendre Coefficients

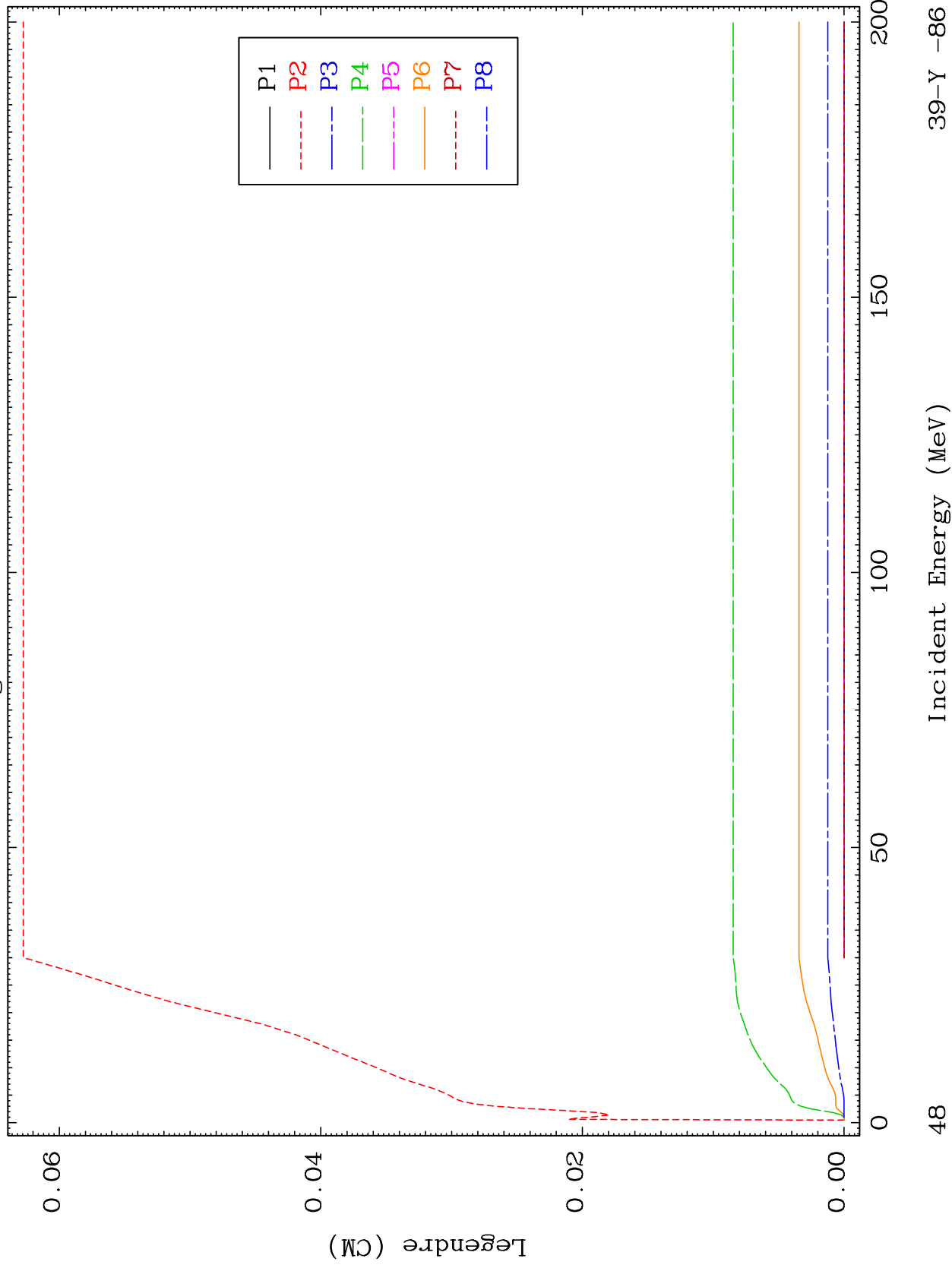


47 39-Y -86

MAT 3916

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

39-Y -86



39-Y -86

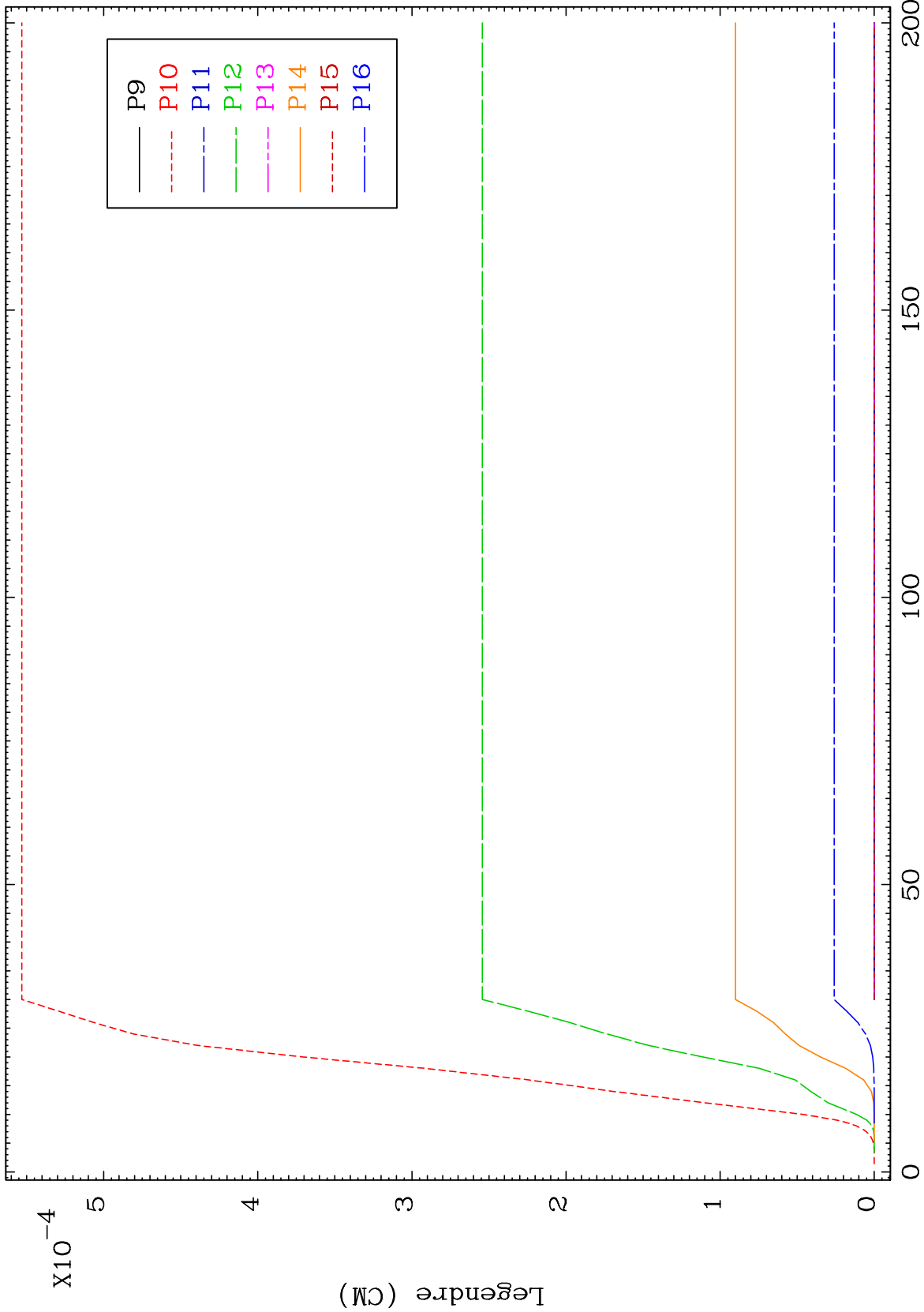
Incident Energy (MeV)

48

MAT 3916

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

39-Y -86



49

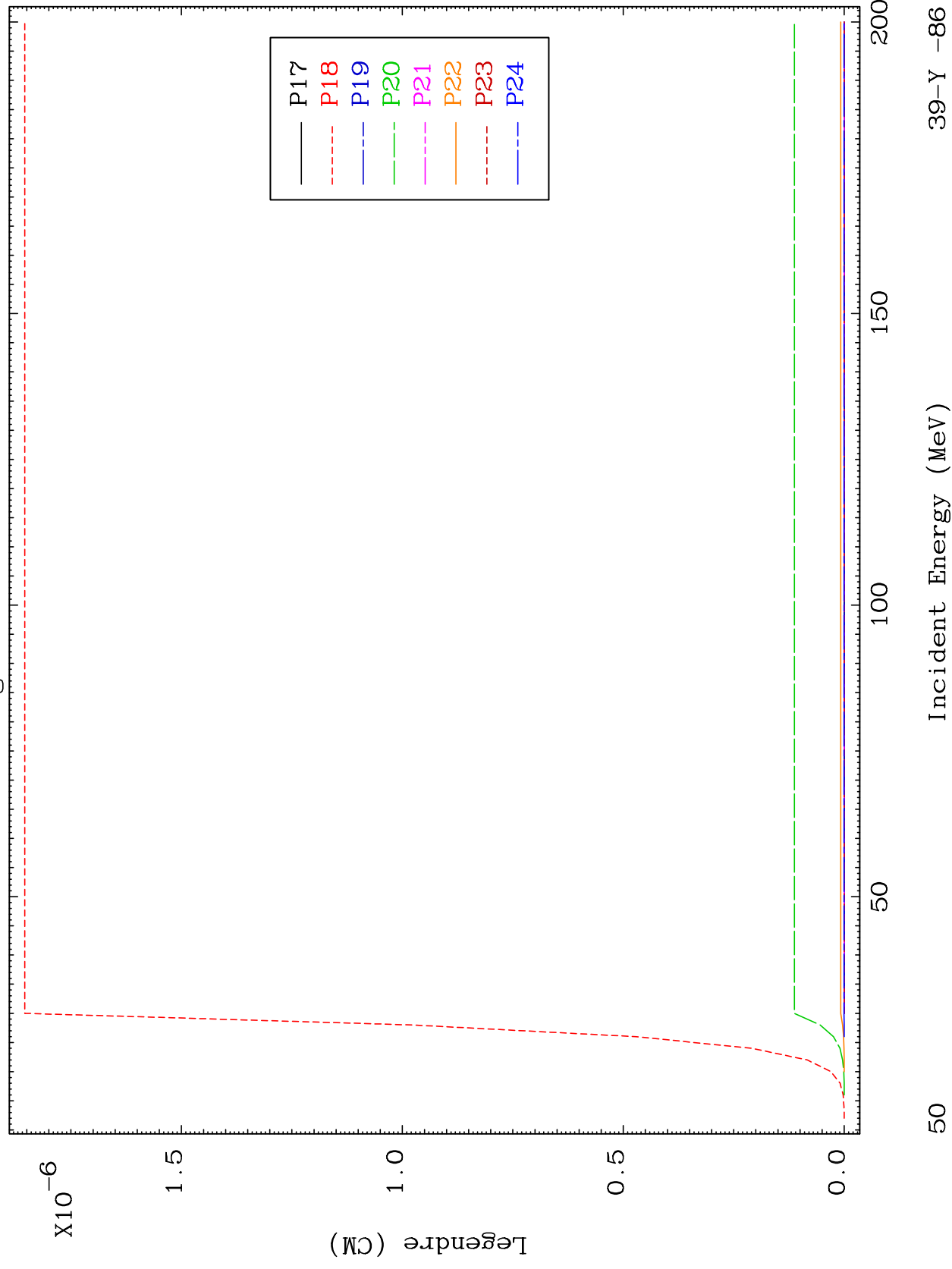
Incident Energy (MeV)

39-Y -86

MAT 3916

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

39-Y -86



50

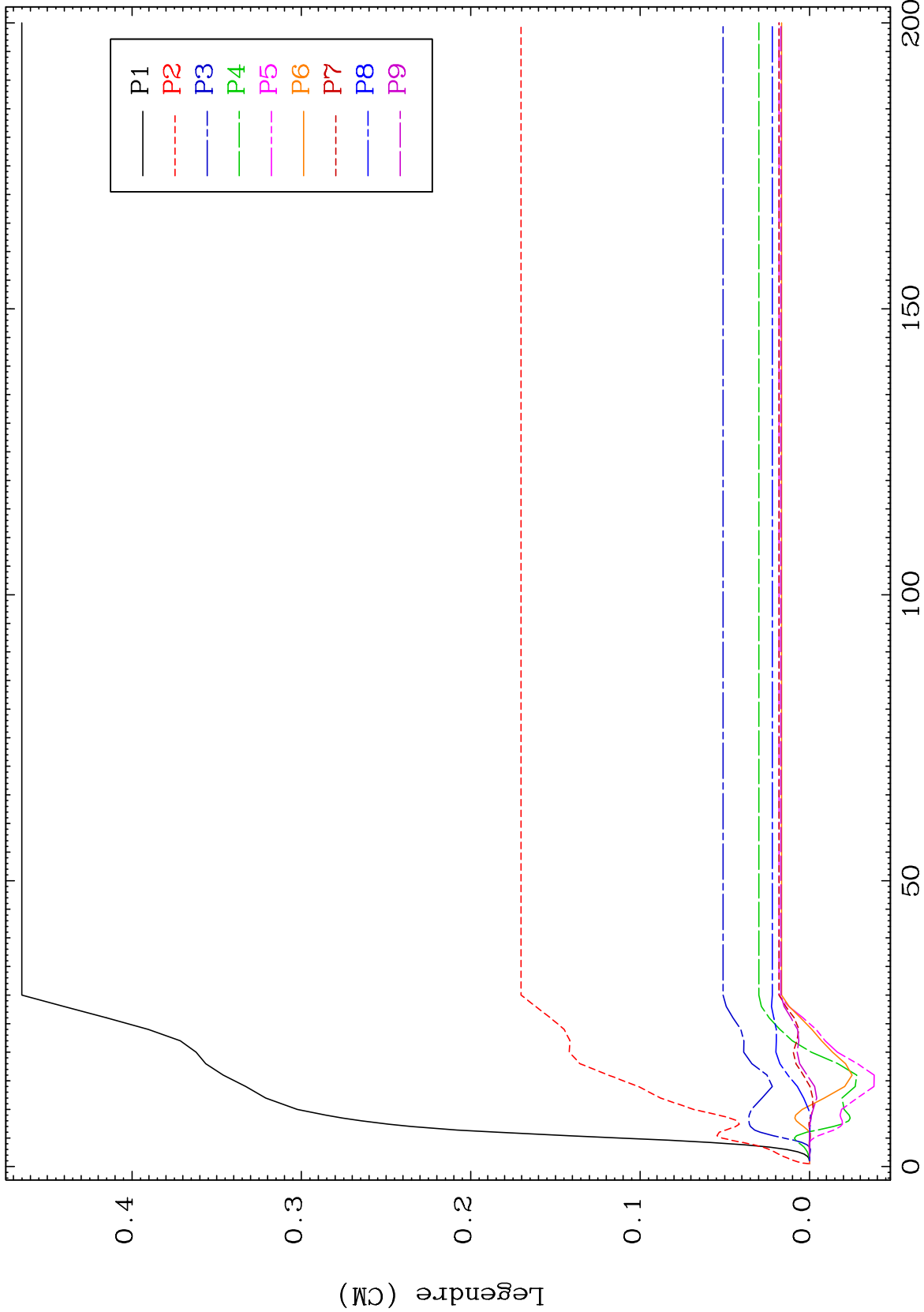
Incident Energy (MeV)

39-Y -86

MAT 3916

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

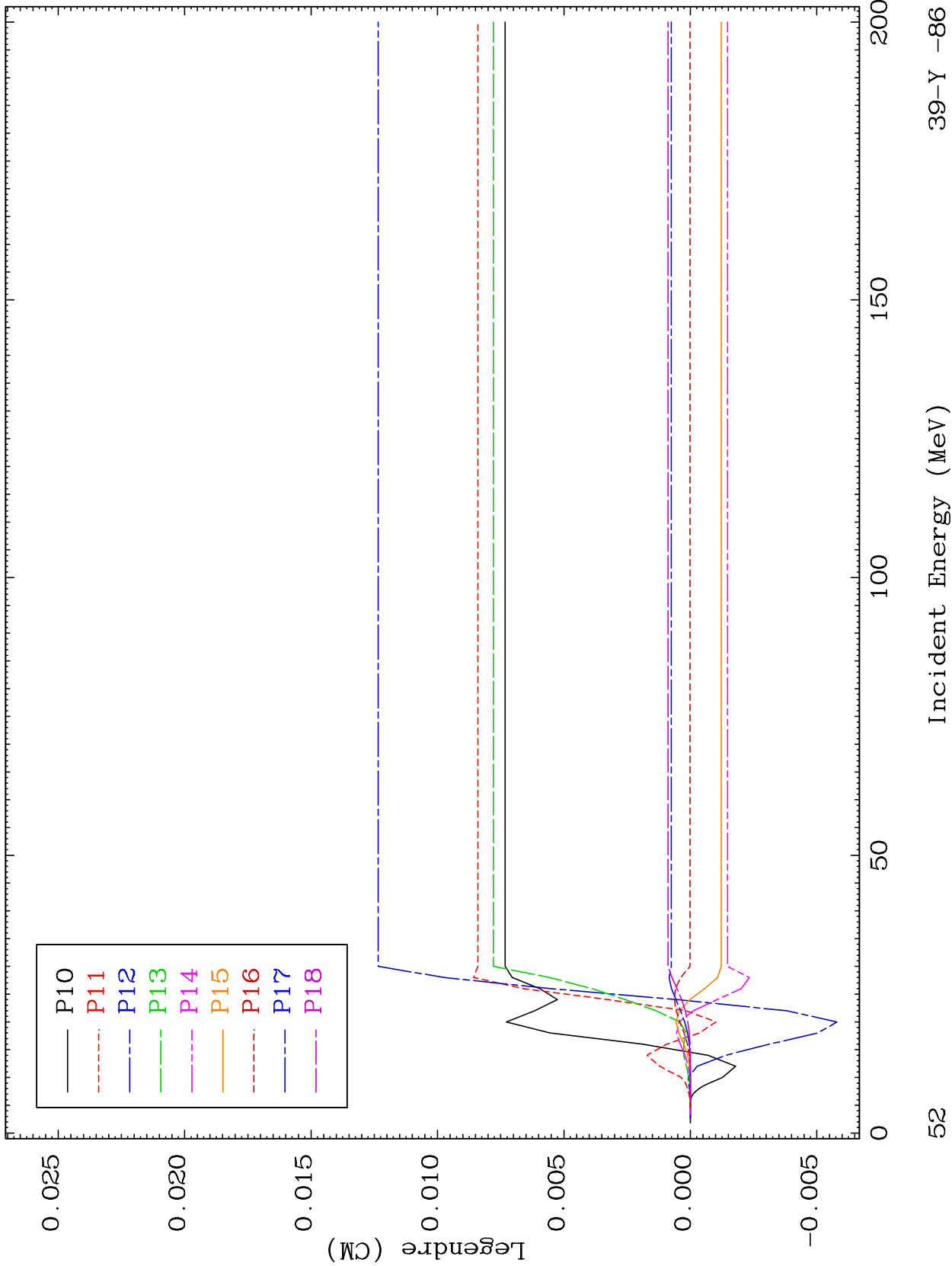
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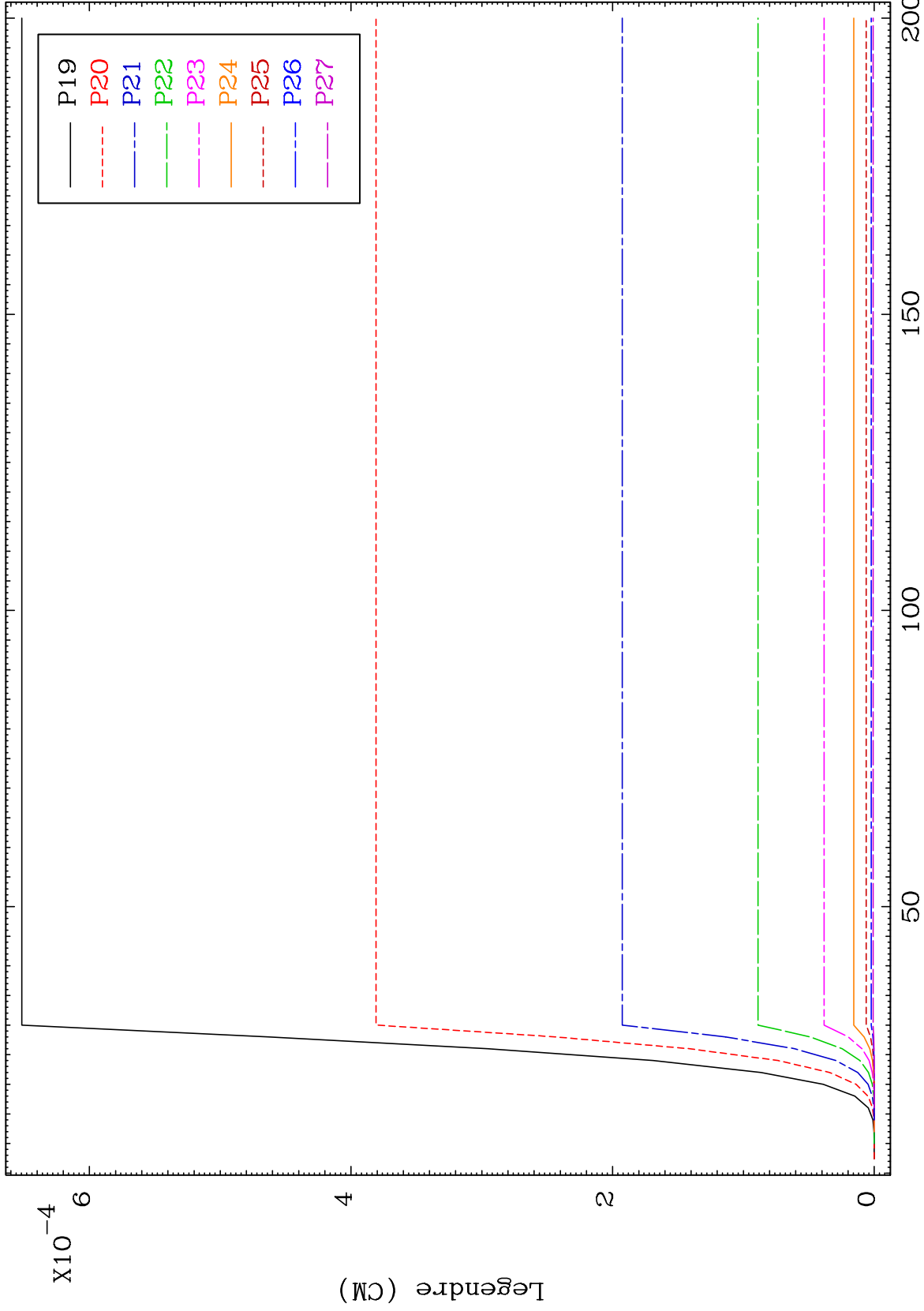


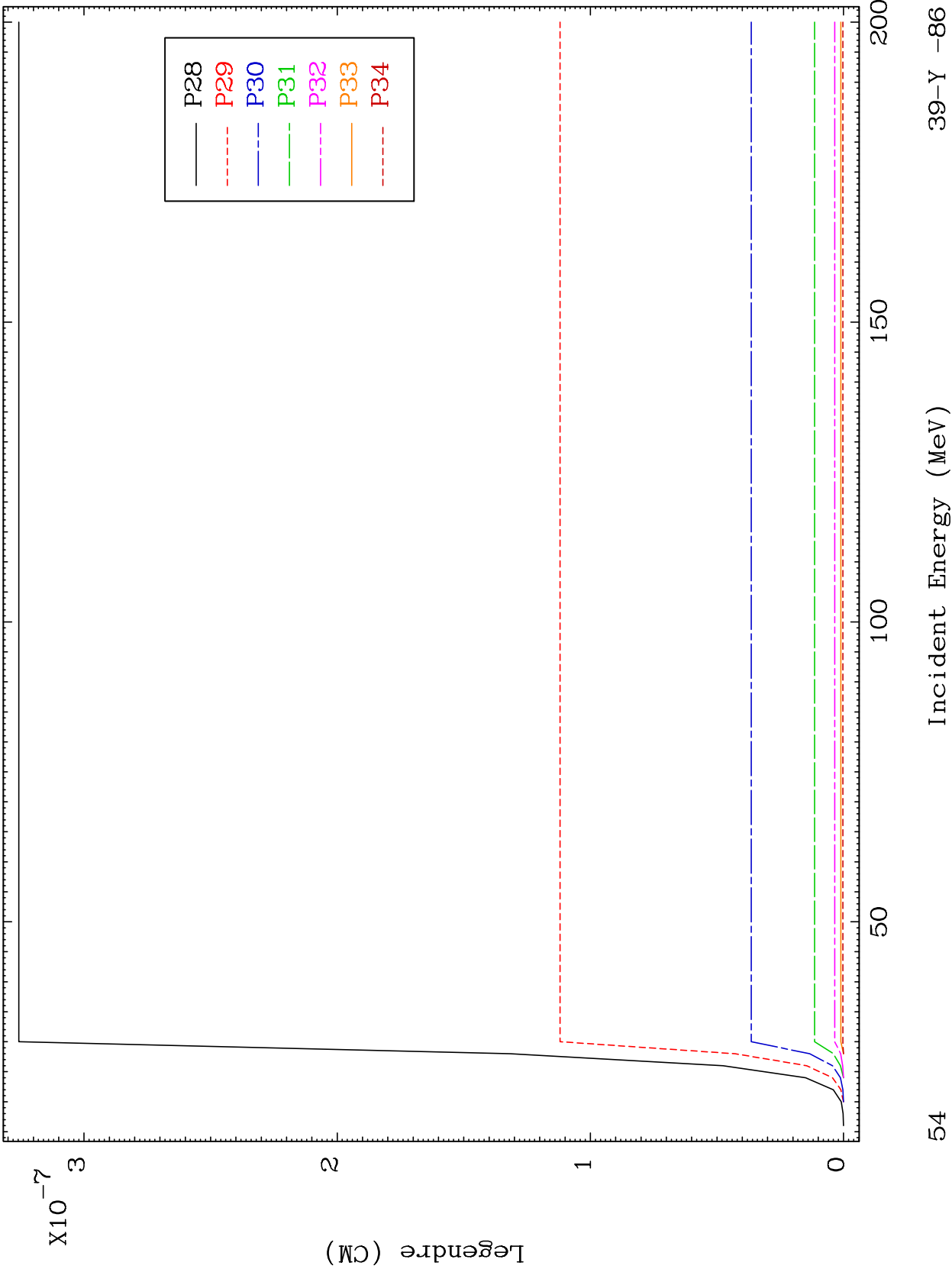
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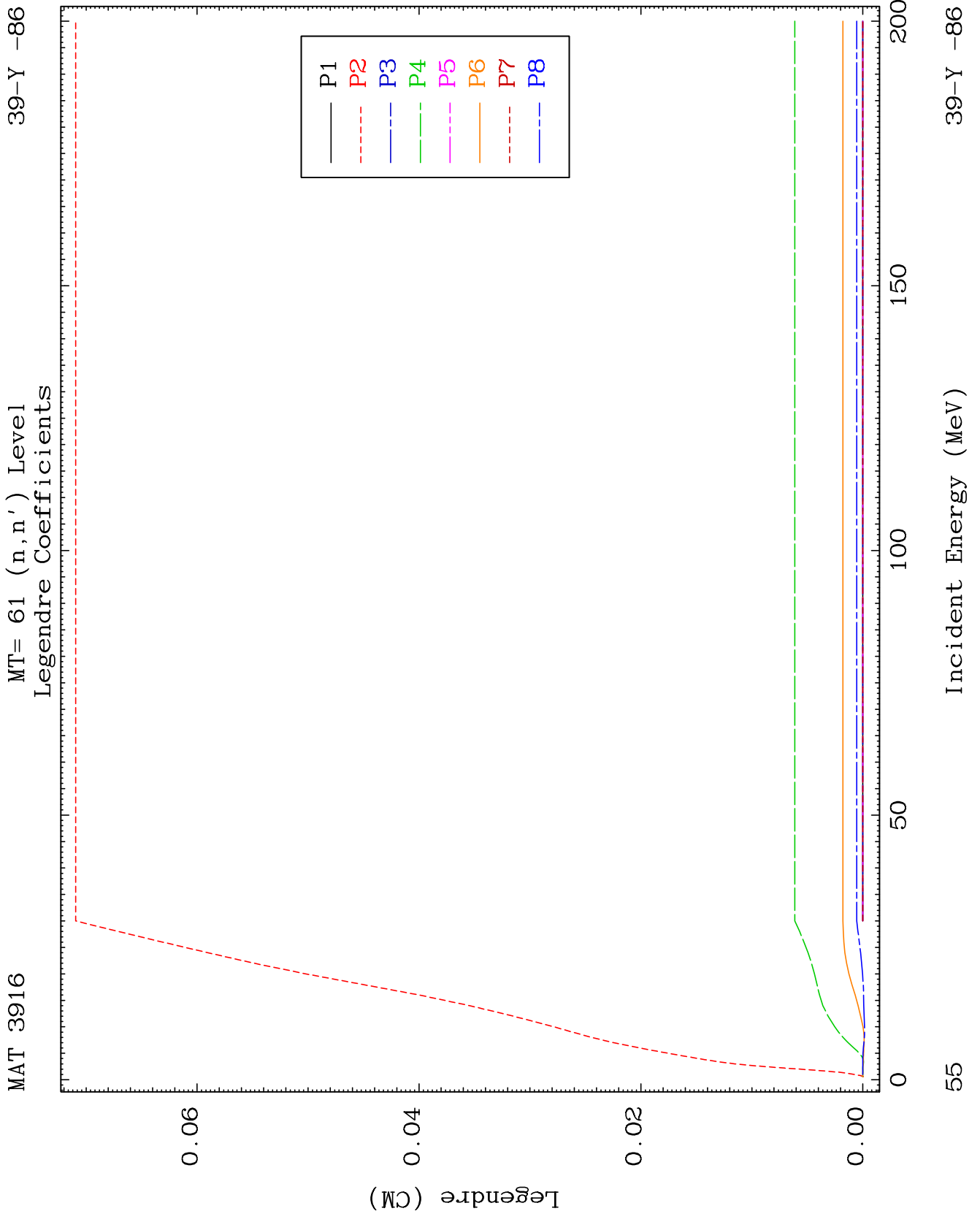
Incident Energy (MeV)

39-Y -86





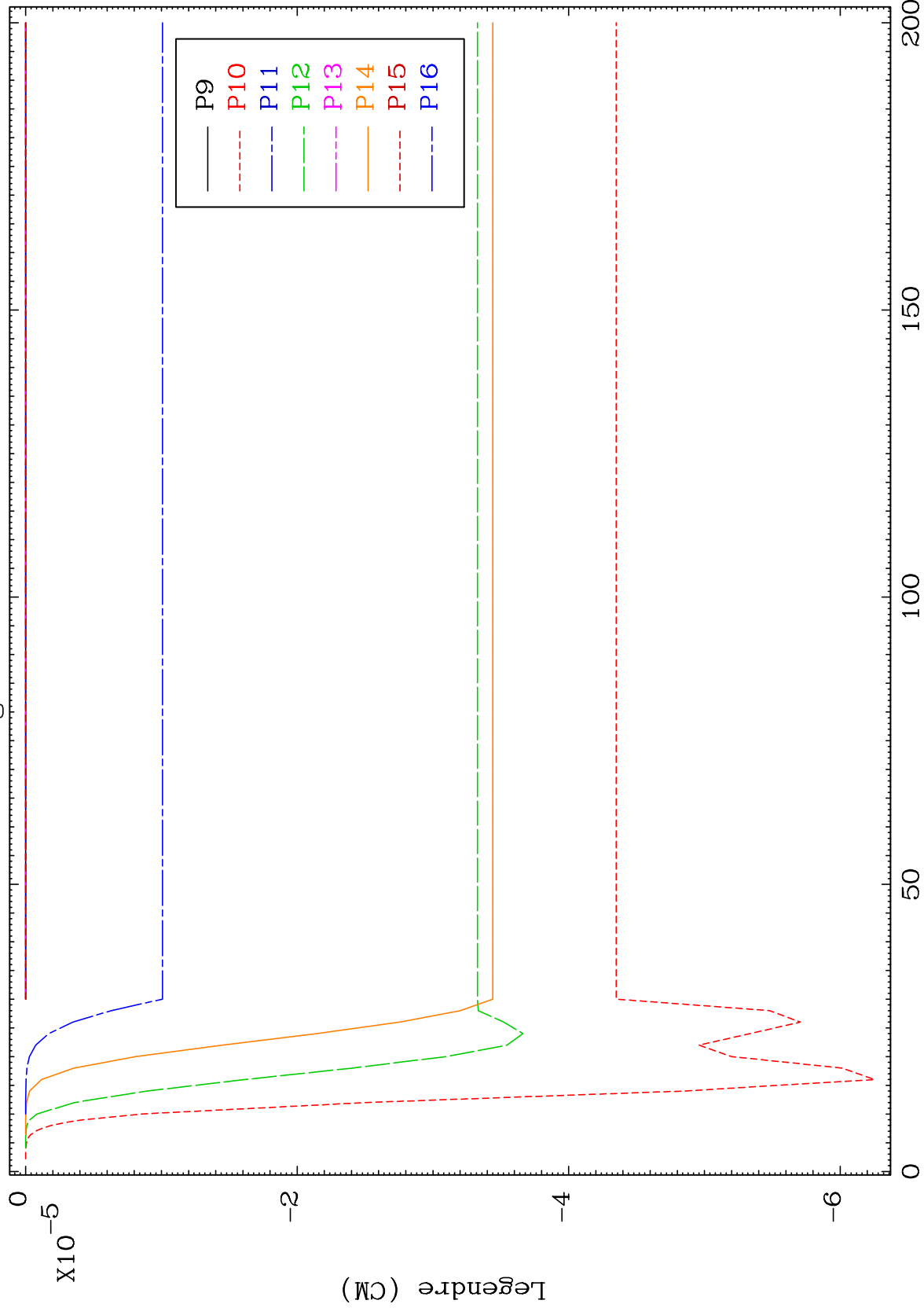




MAT 3916

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

39-Y -86



39-Y -86

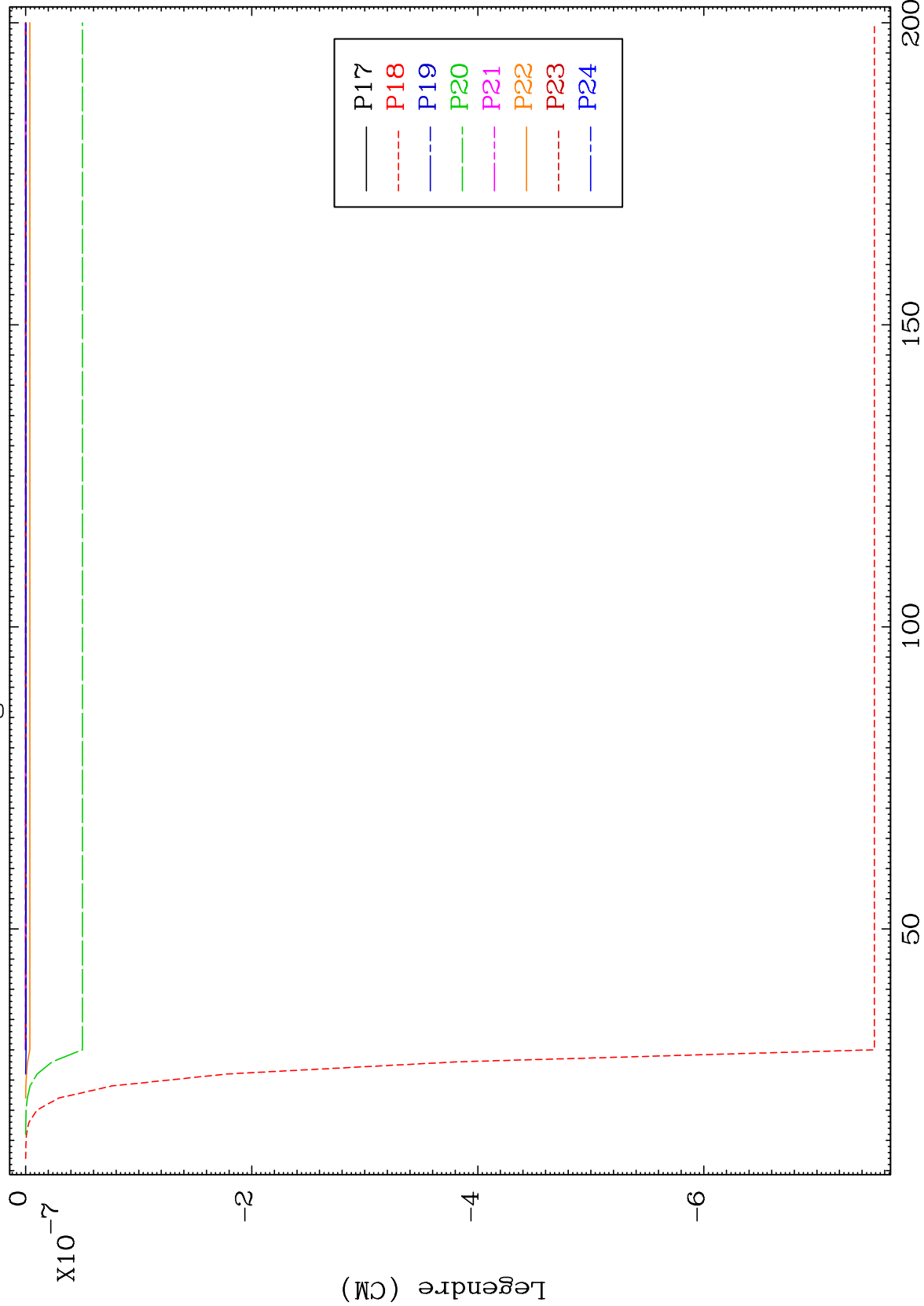
Incident Energy (MeV)

56

MAT 3916

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

39-Y -86



57

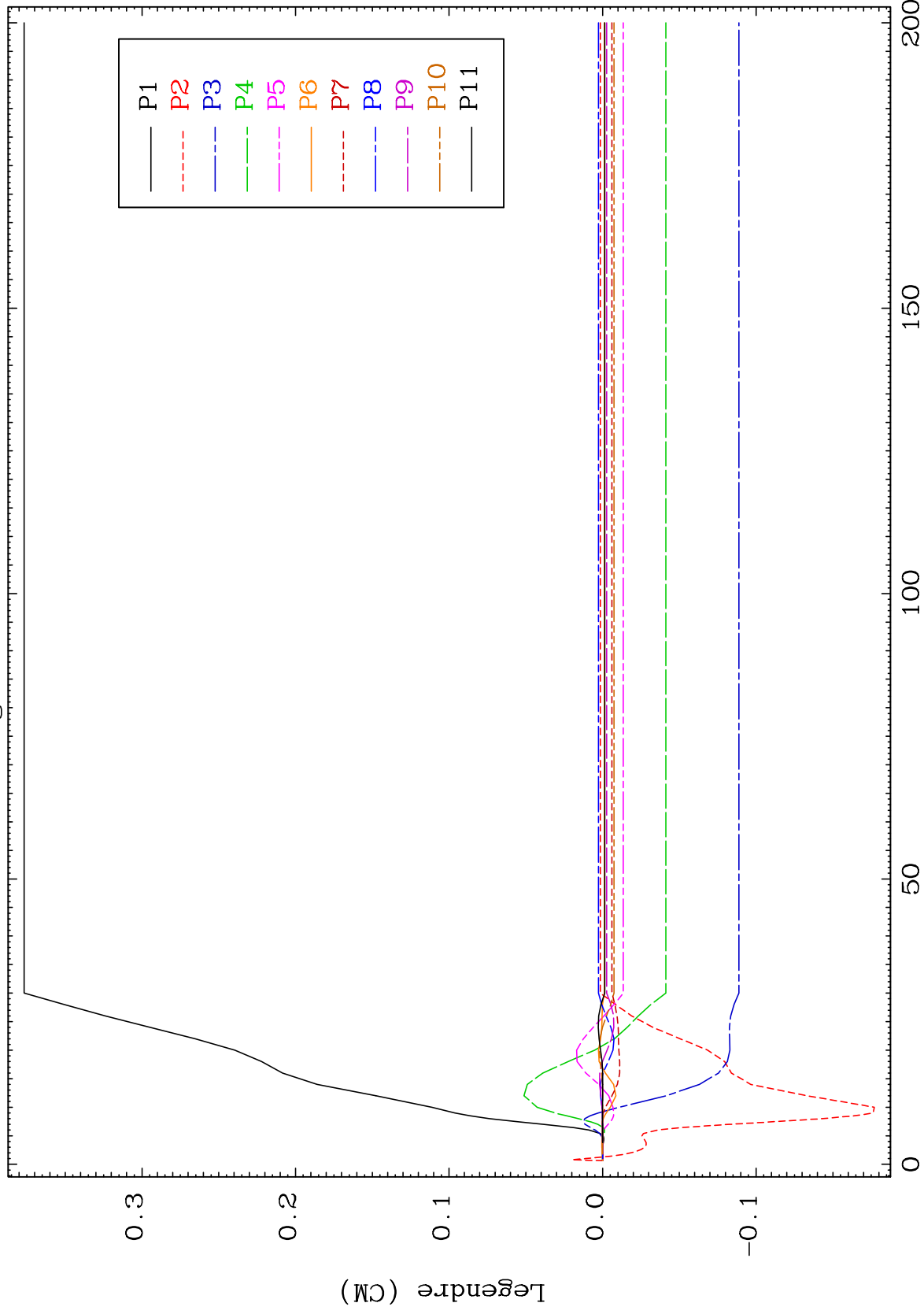
Incident Energy (MeV)

39-Y -86

MAT 3916

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

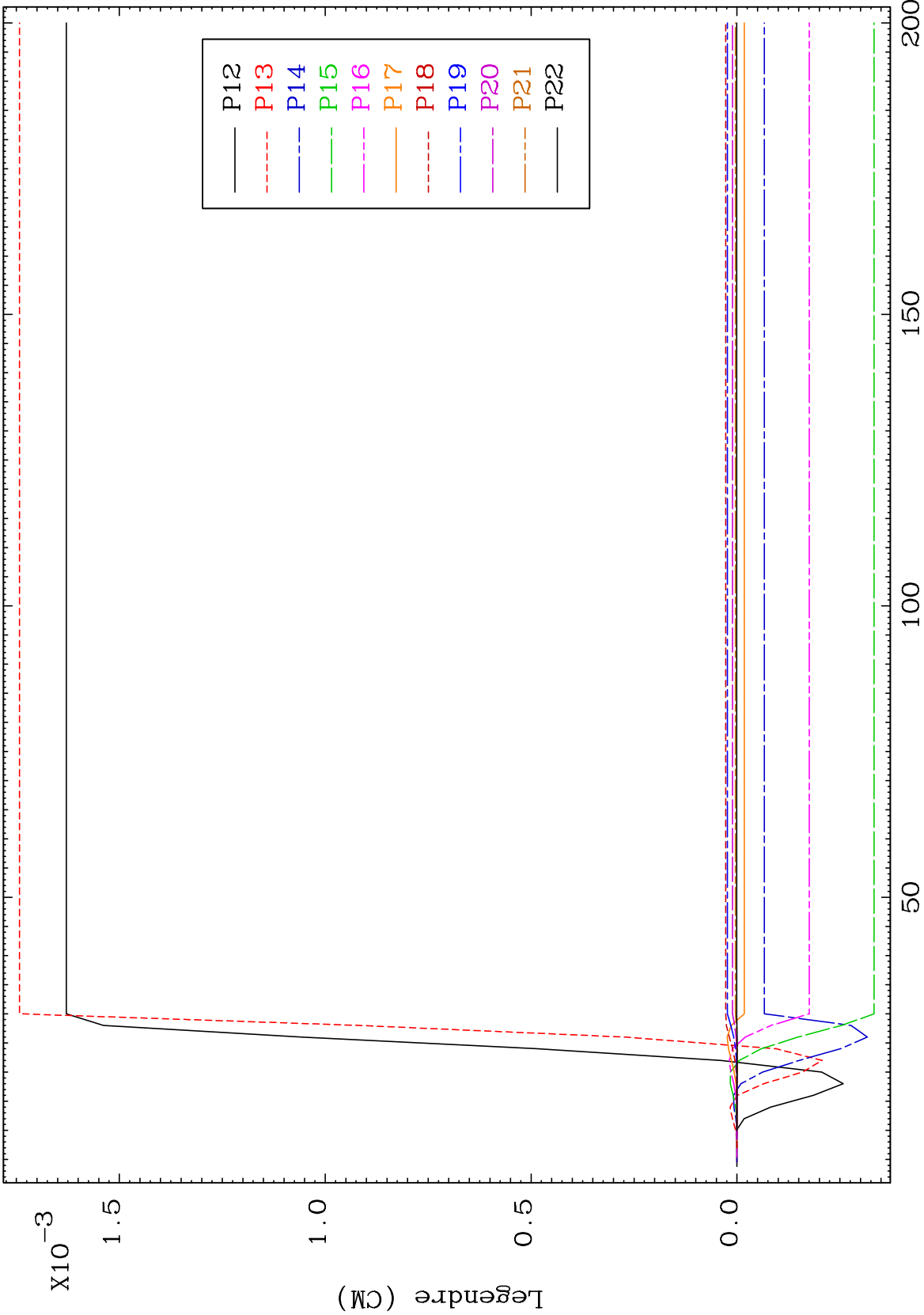
39-Y -86



58

Incident Energy (MeV)

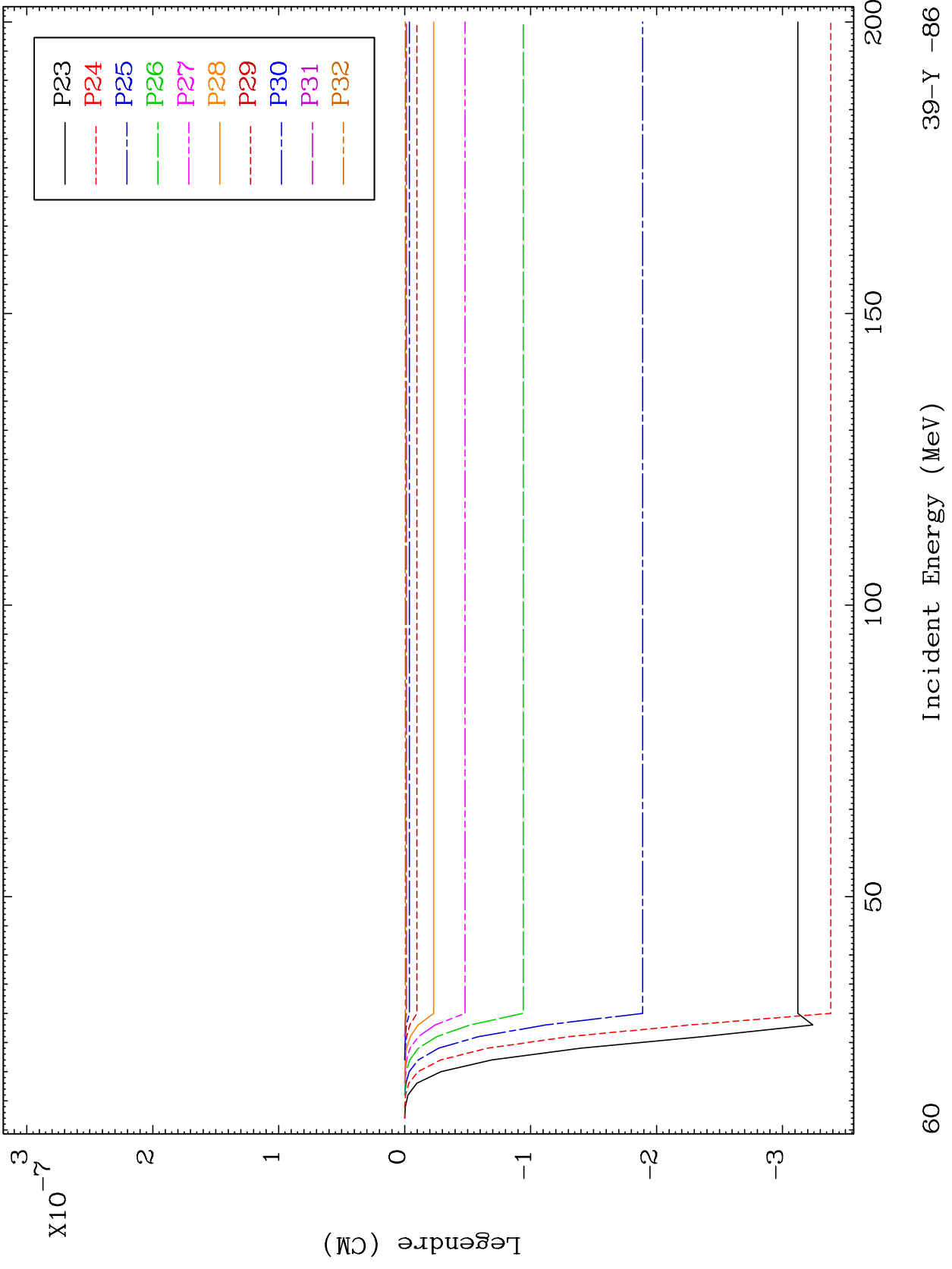
39-Y -86



MAT 3916

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

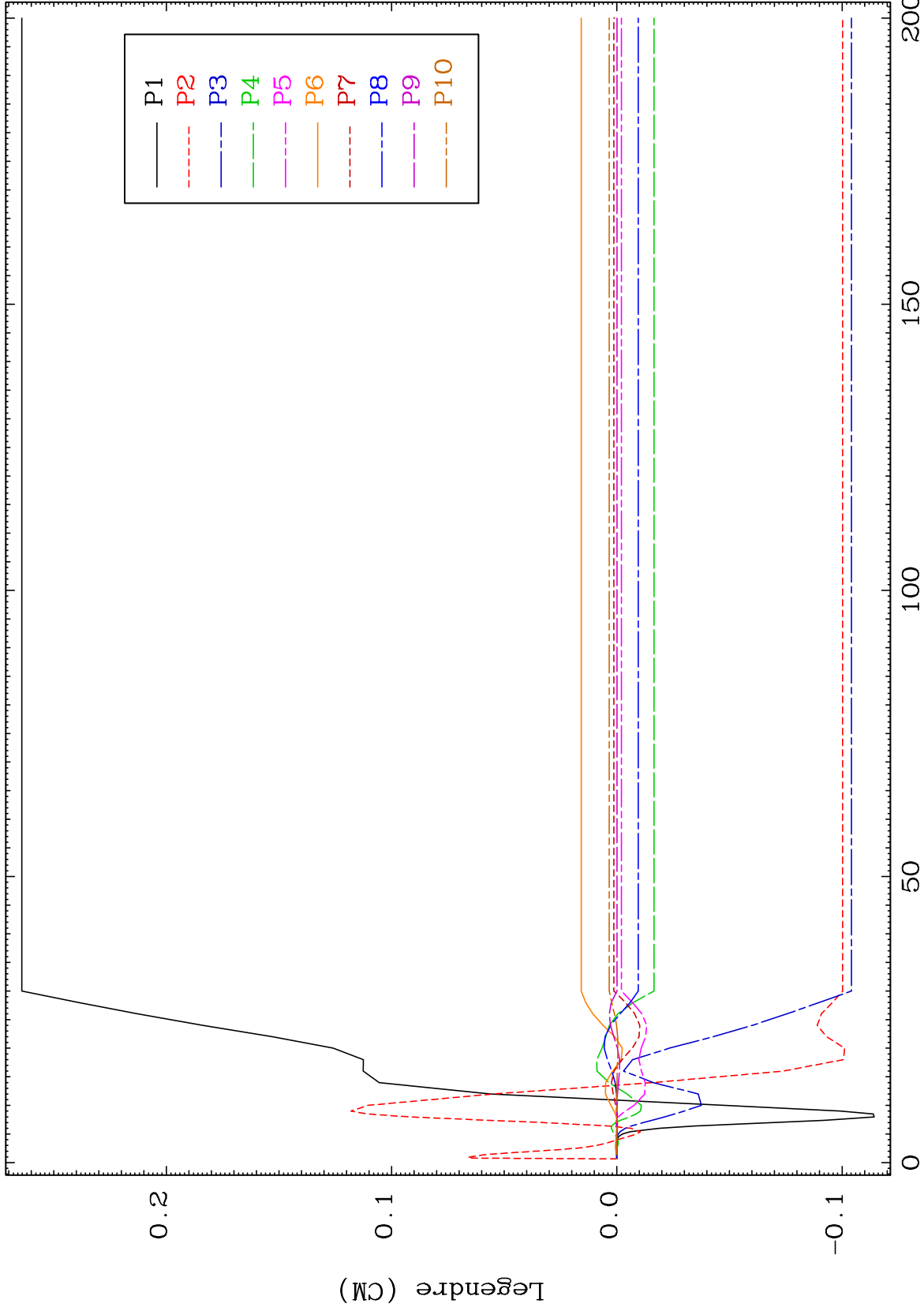
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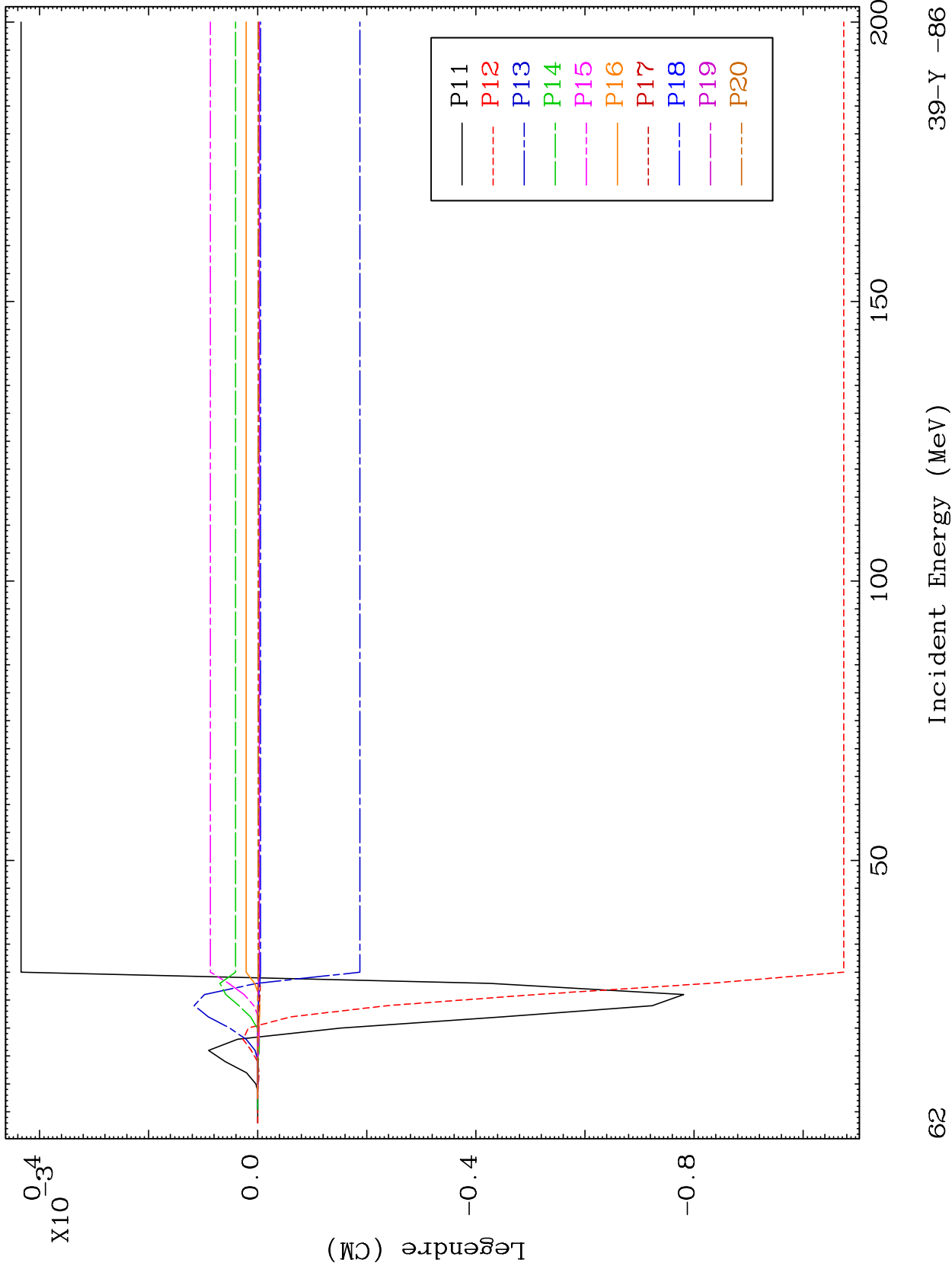


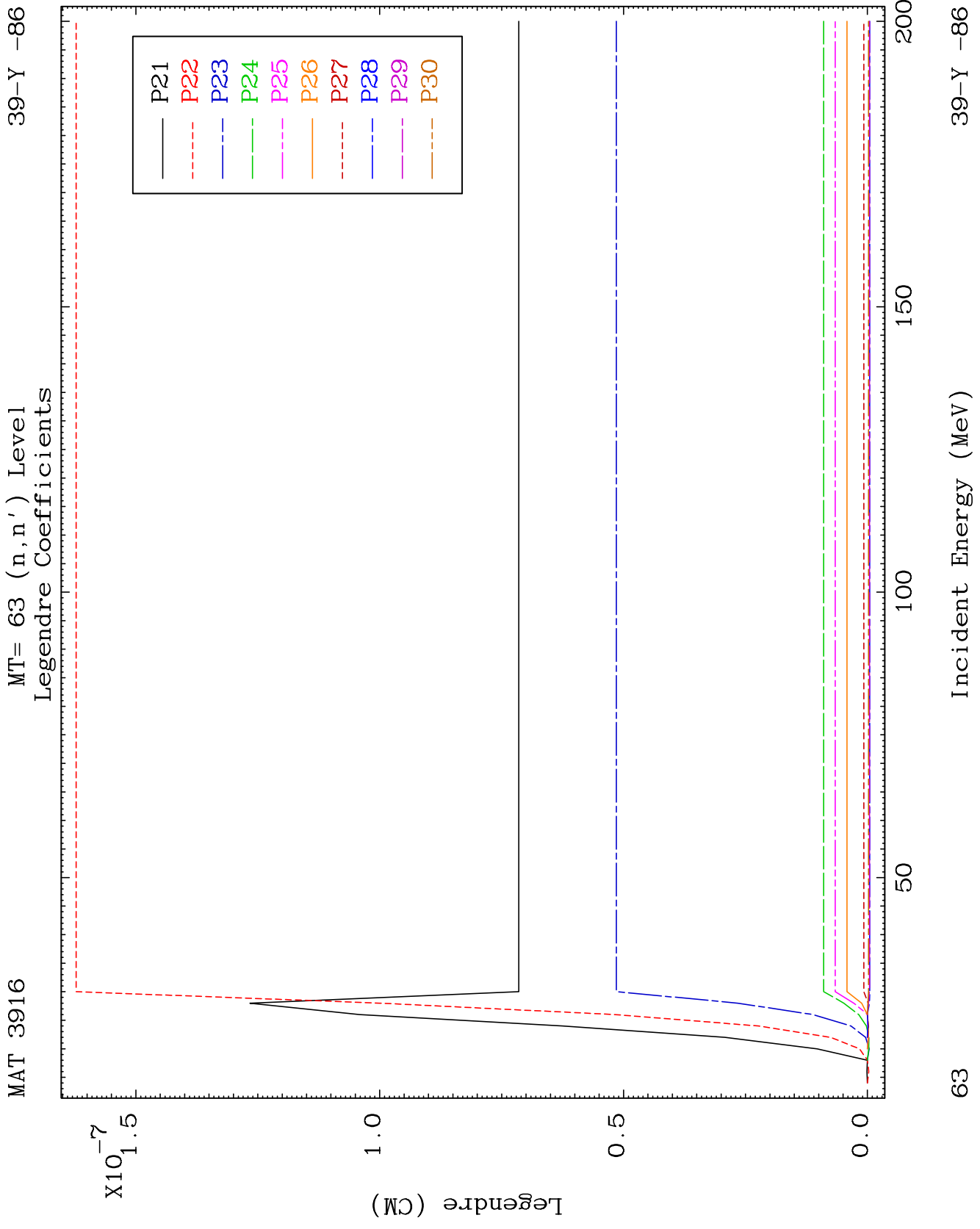
60

Incident Energy (MeV)

39-Y -86



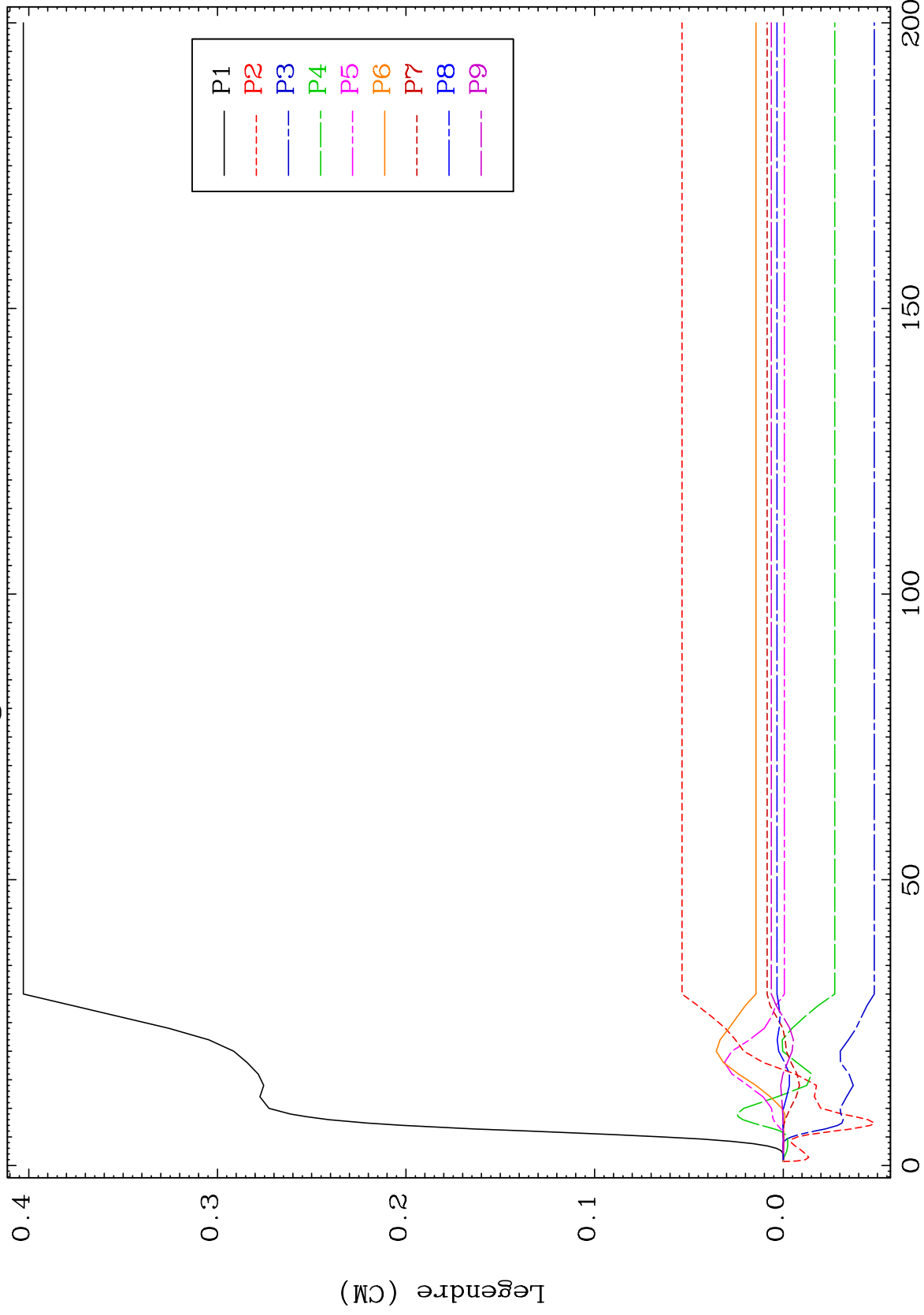




MAT 3916

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

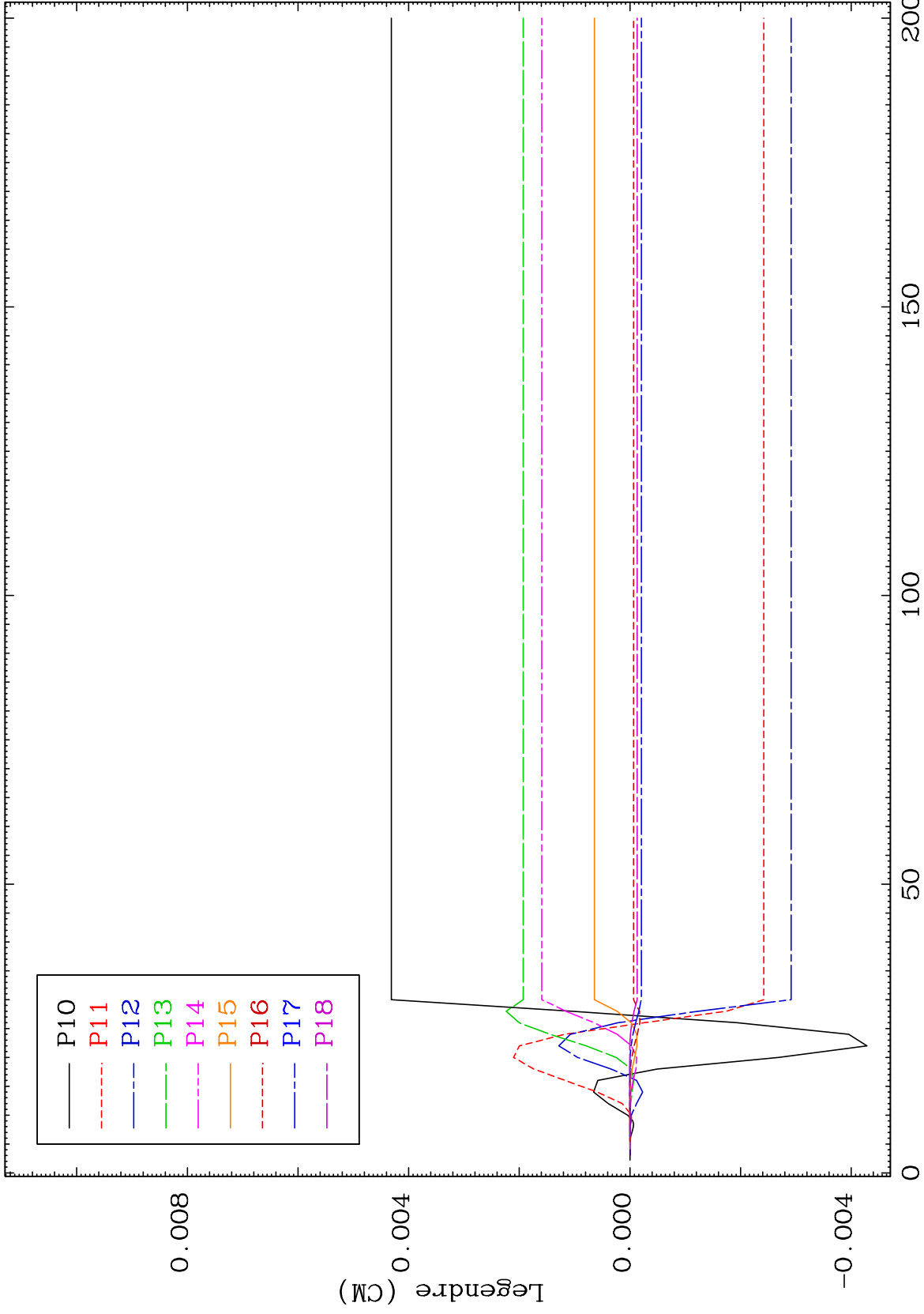
39-Y -86

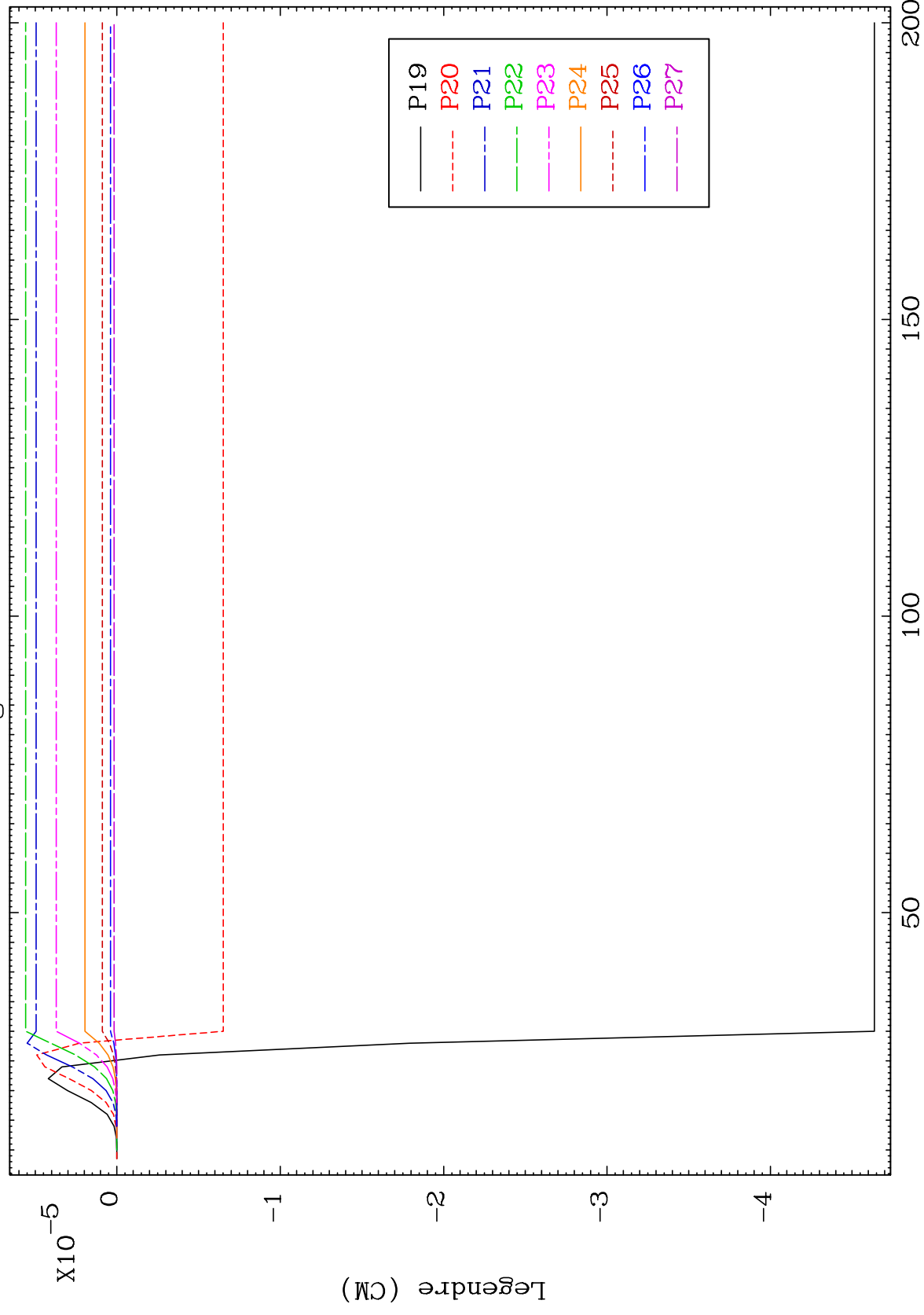


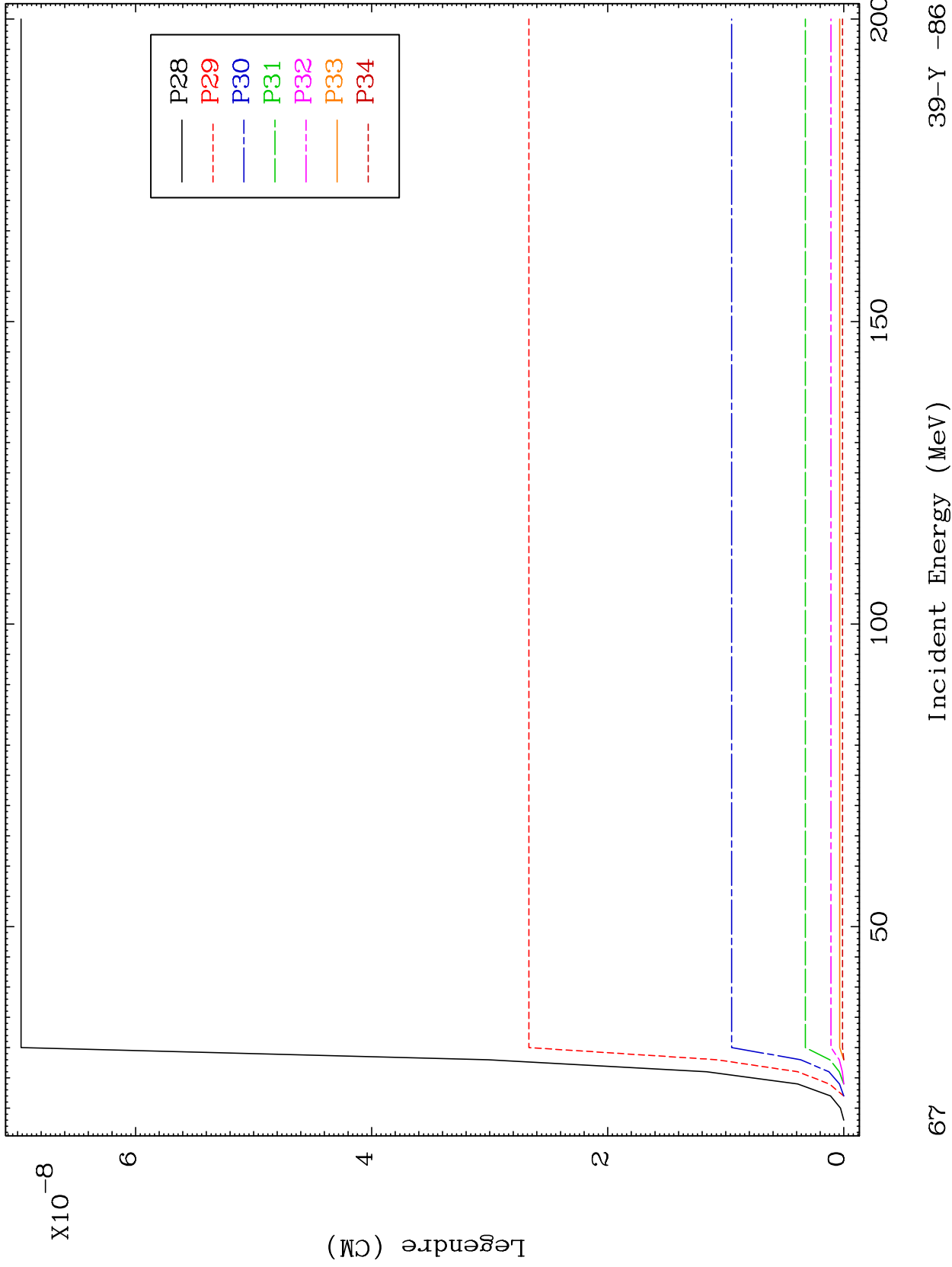
64

Incident Energy (MeV)

39-Y -86



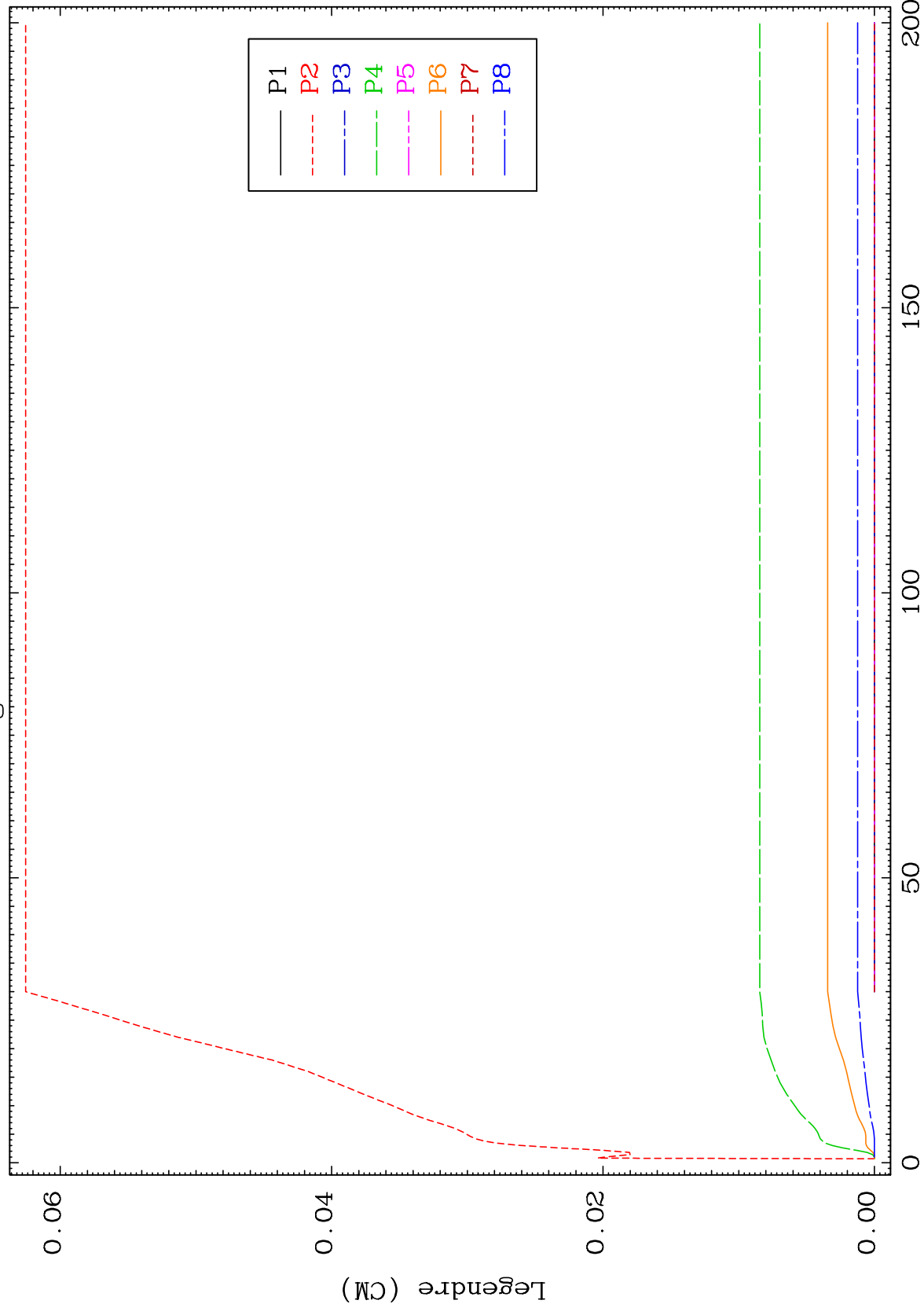




MAT 3916

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

39-Y -86



68

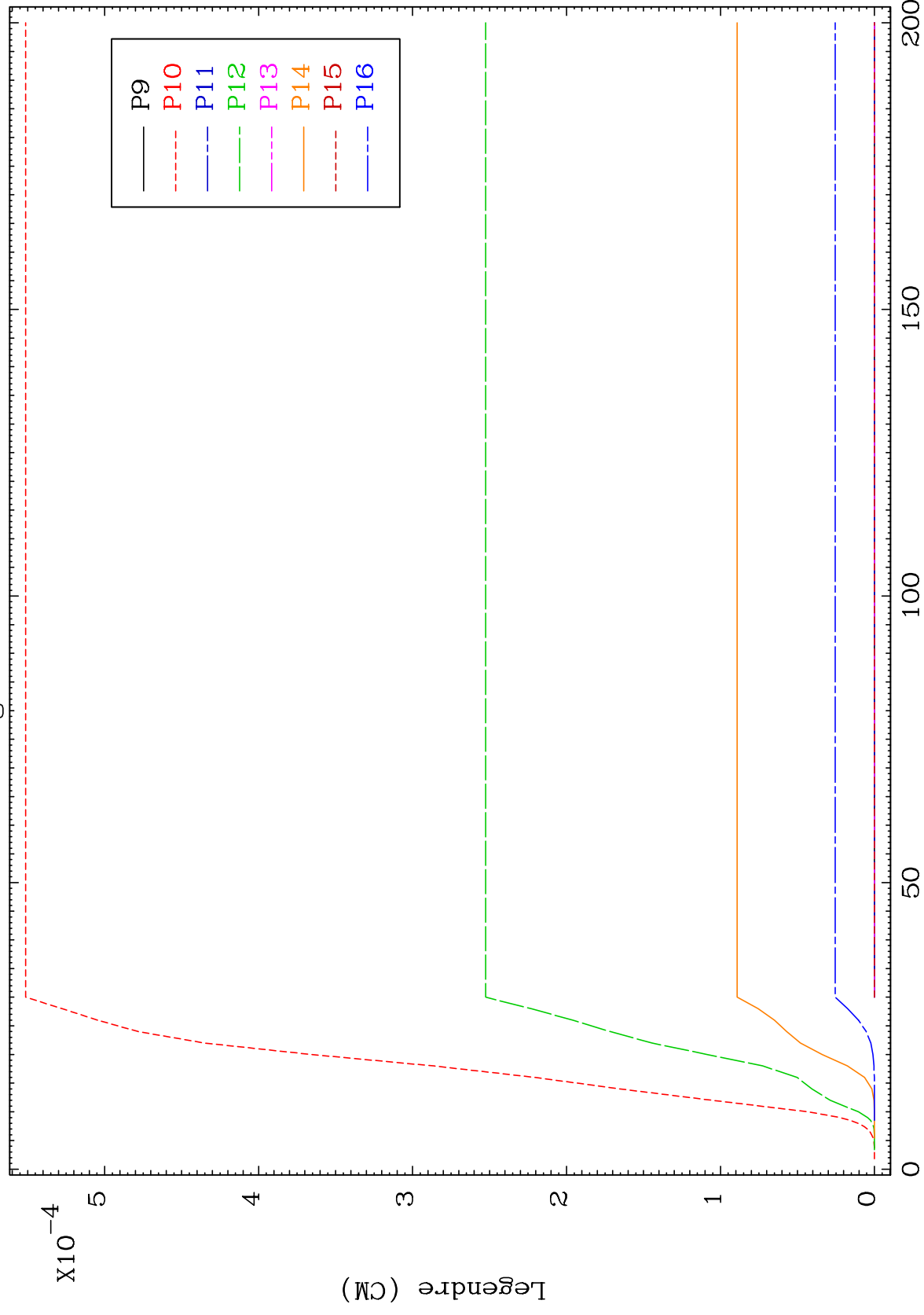
Incident Energy (MeV)

39-Y -86

MAT 3916

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

39-Y -86



69

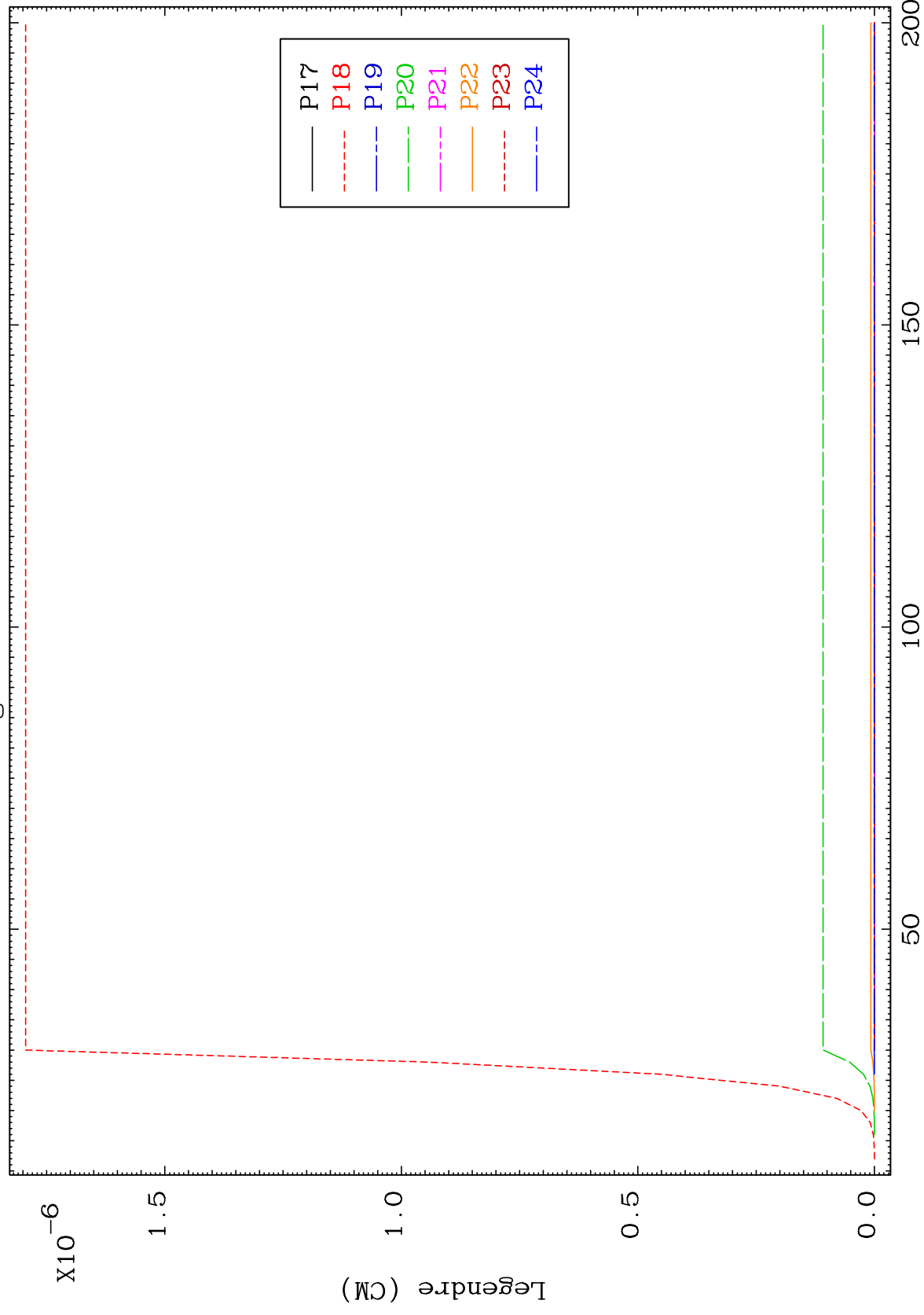
Incident Energy (MeV)

39-Y -86

MAT 3916

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

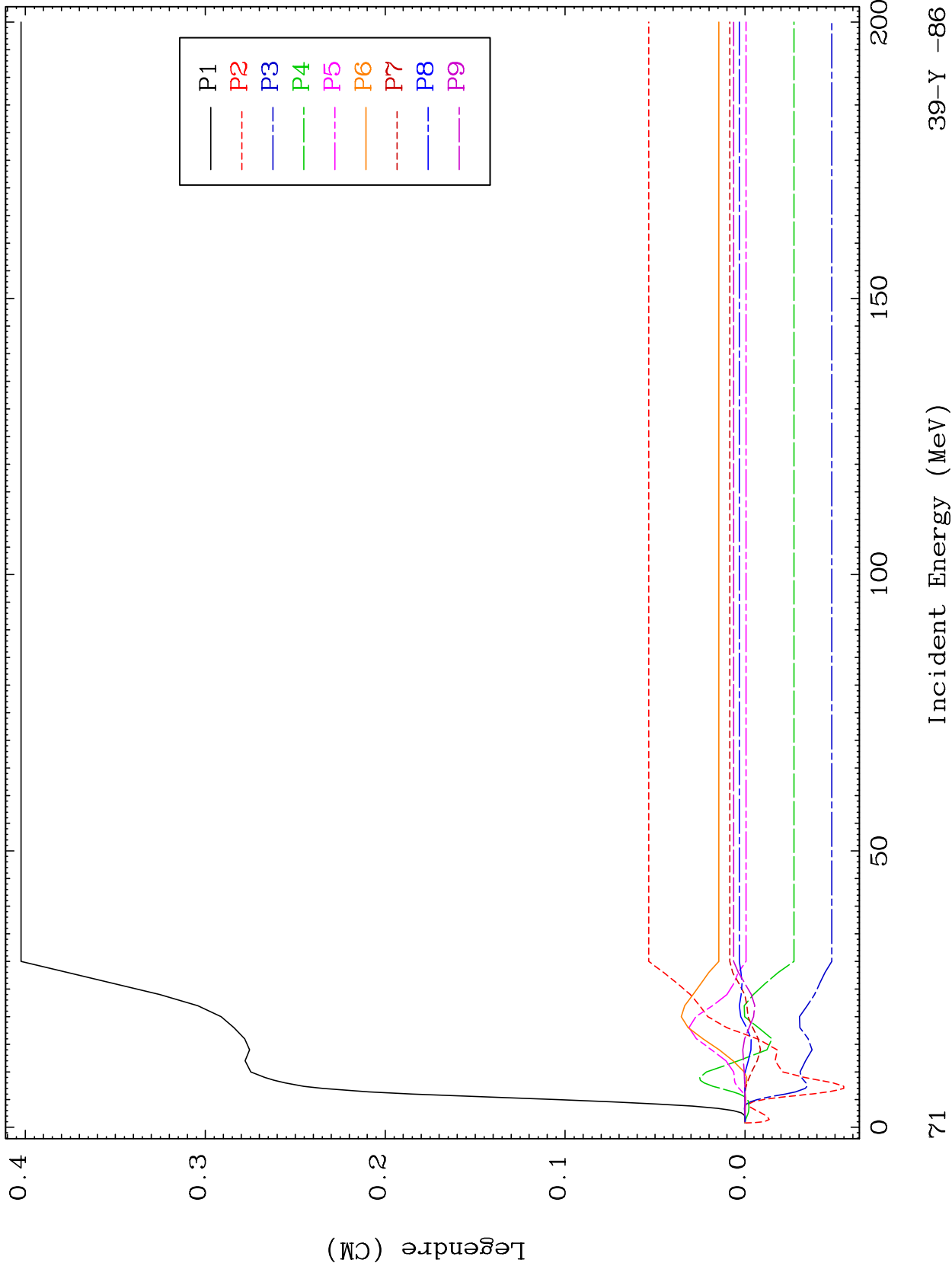
39-Y -86



70

Incident Energy (MeV)

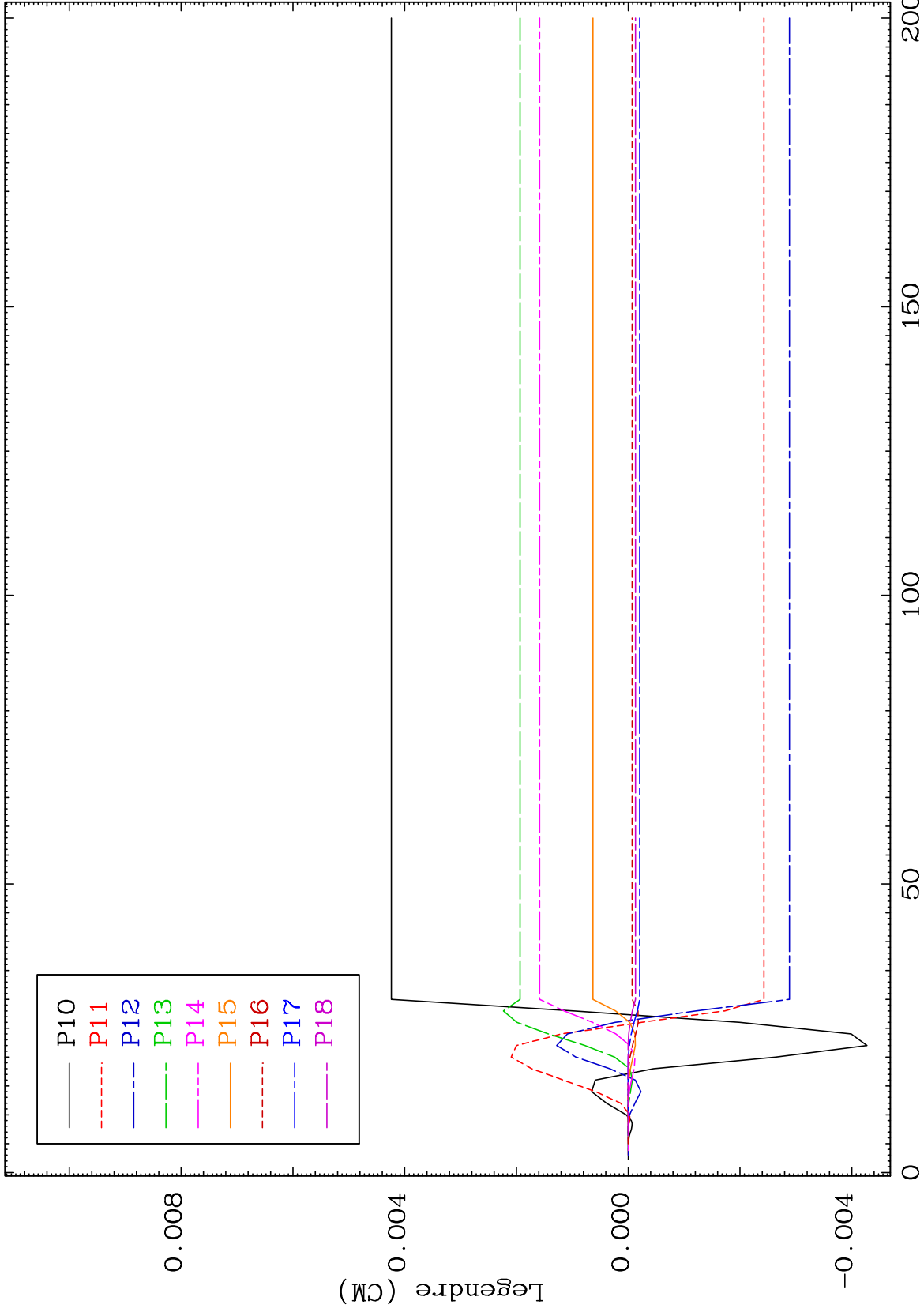
39-Y -86



MAT 3916

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

39-Y -86



72

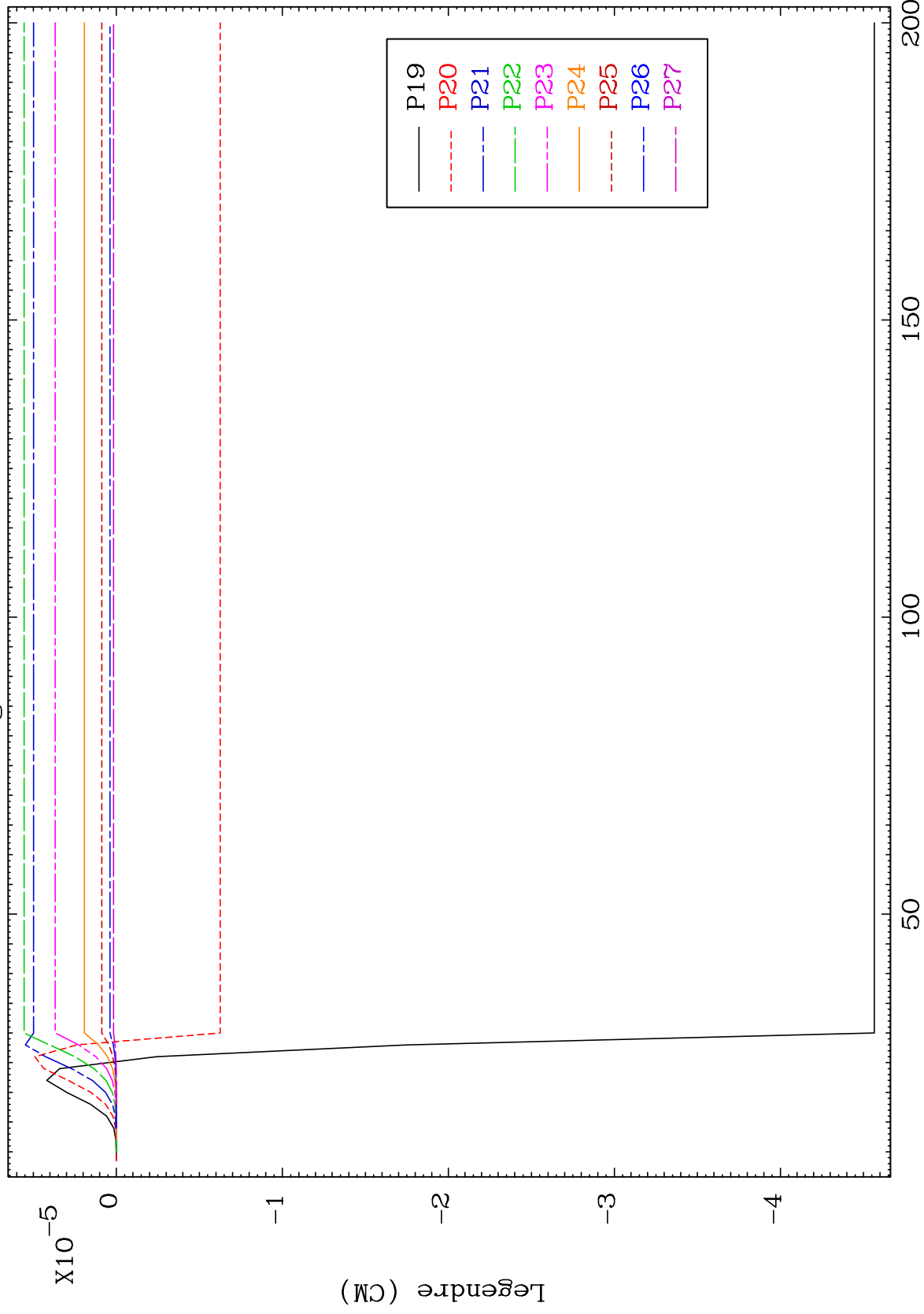
Incident Energy (MeV)

39-Y -86

MAT 3916

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

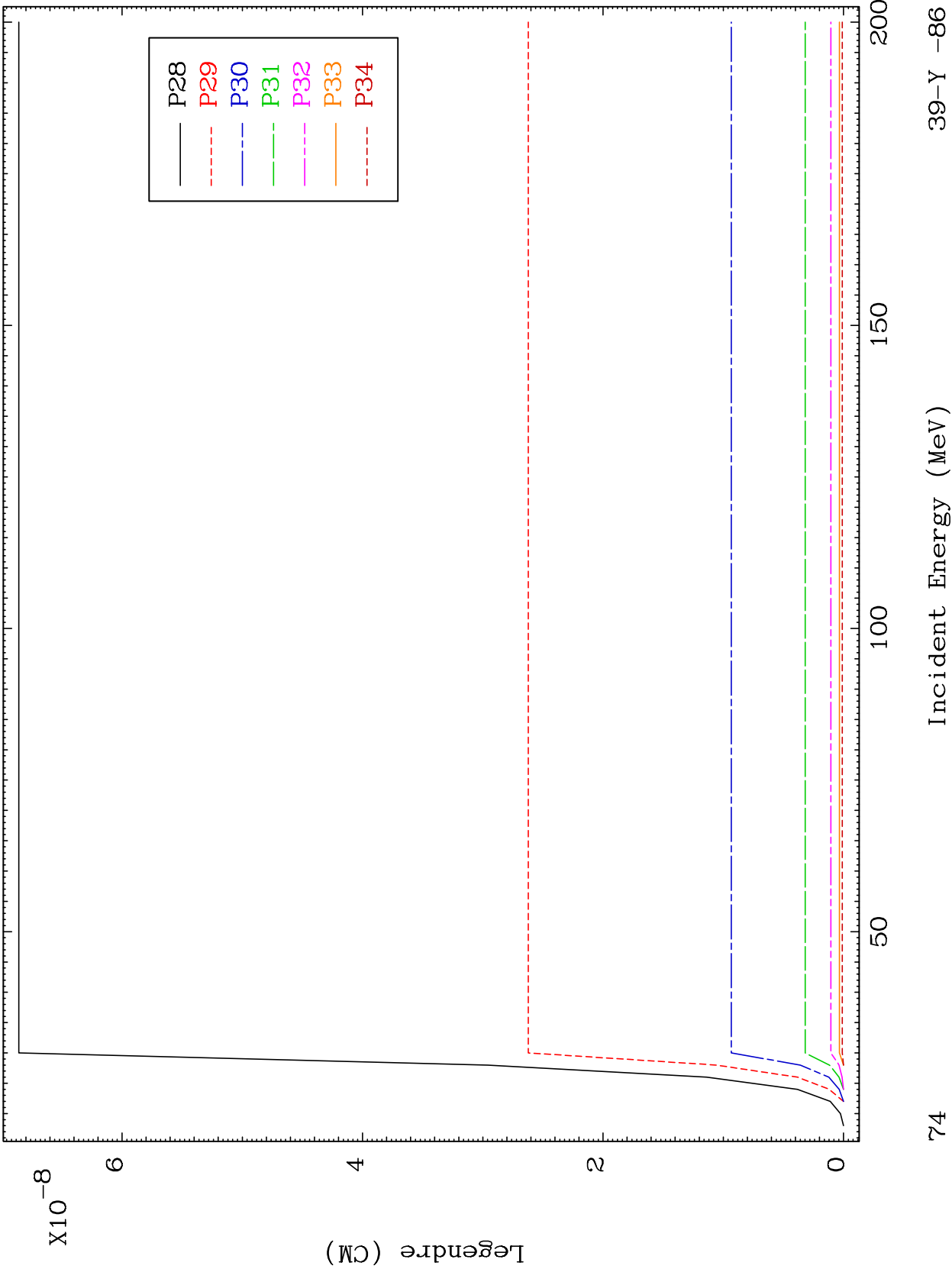
39-Y -86



73

Incident Energy (MeV)

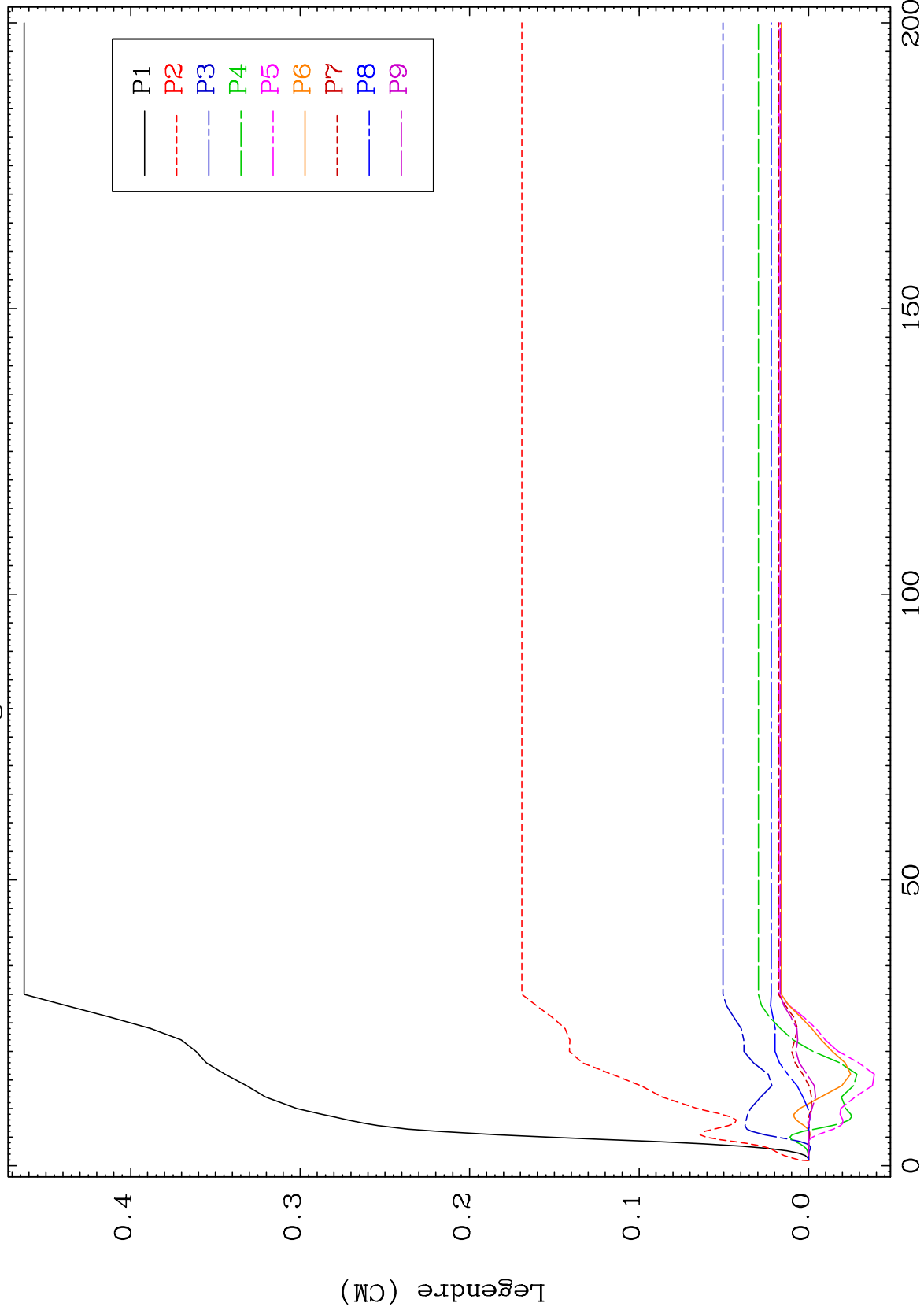
39-Y -86



MAT 3916

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

39-Y -86



75

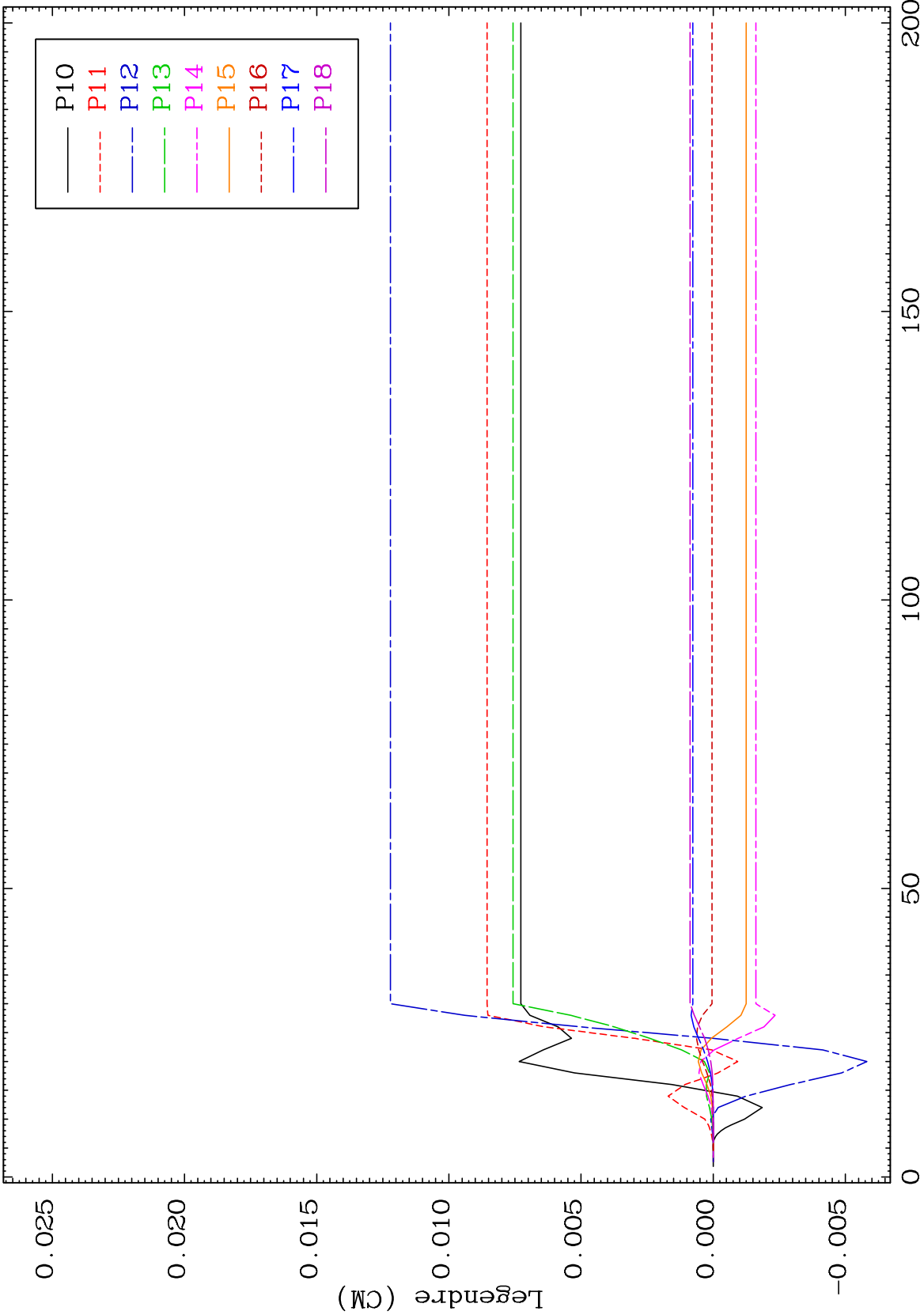
Incident Energy (MeV)

39-Y -86

MAT 3916

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

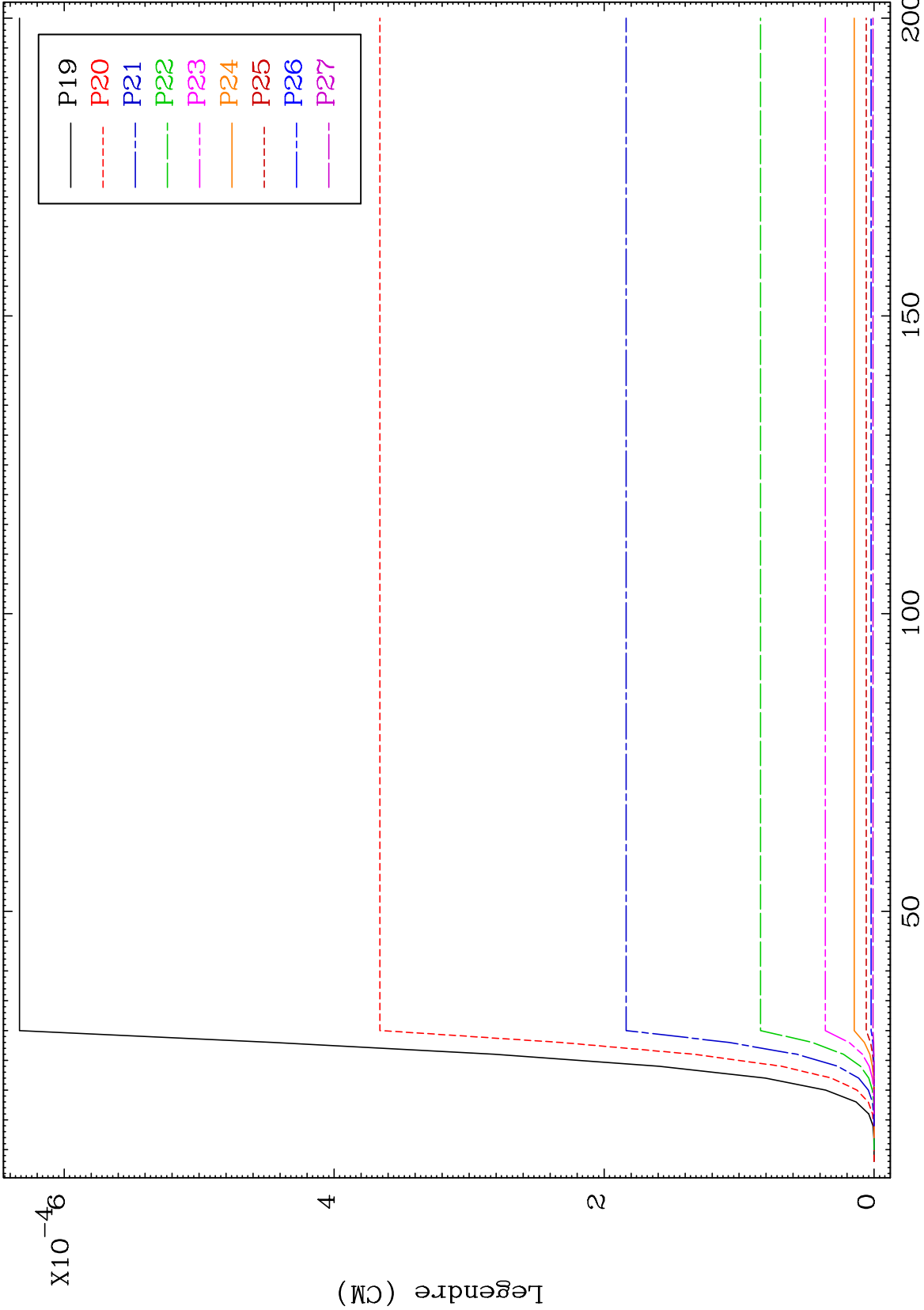
39-Y -86



76

Incident Energy (MeV)

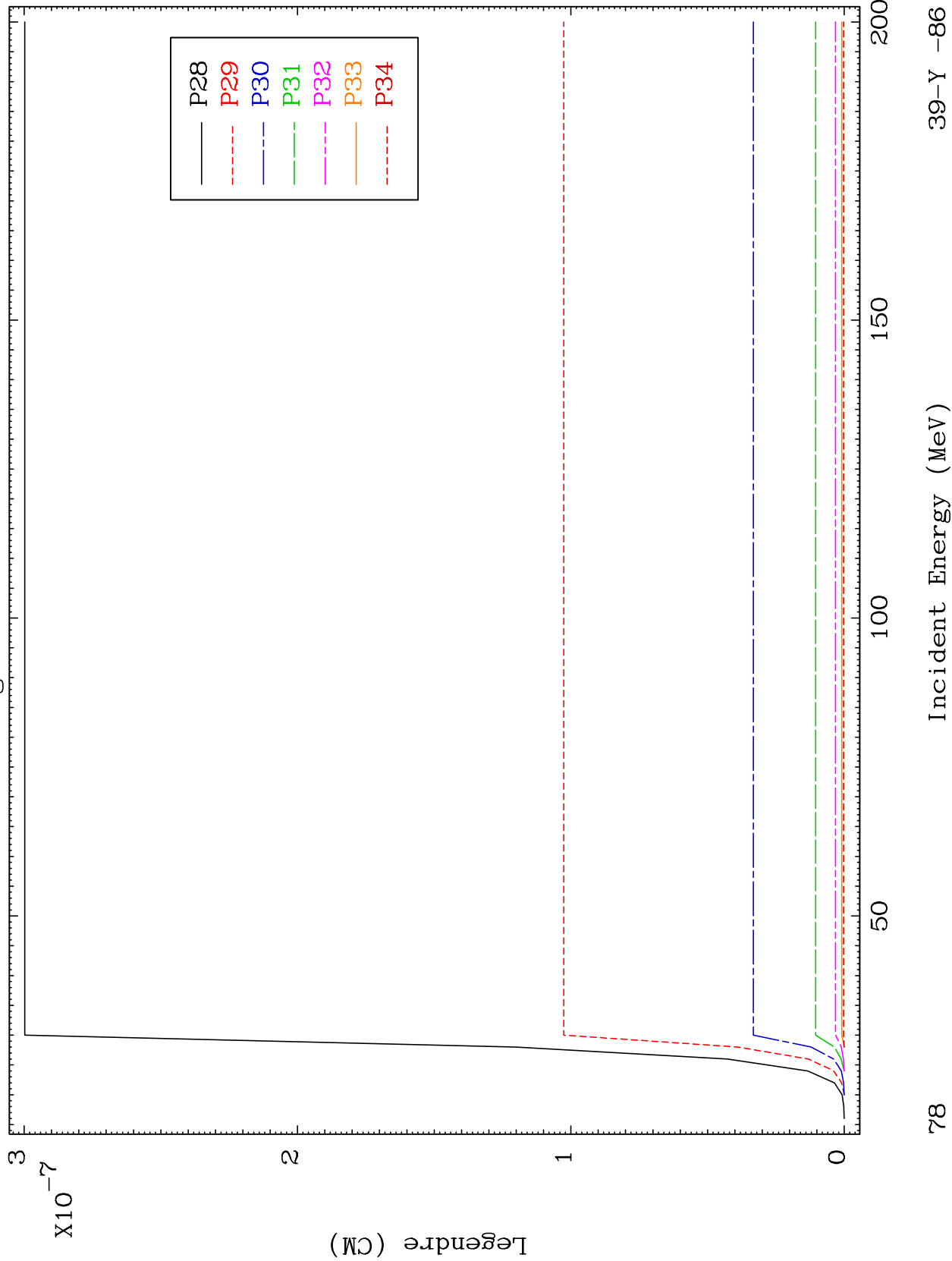
39-Y -86



MAT 3916

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

39-Y -86



78

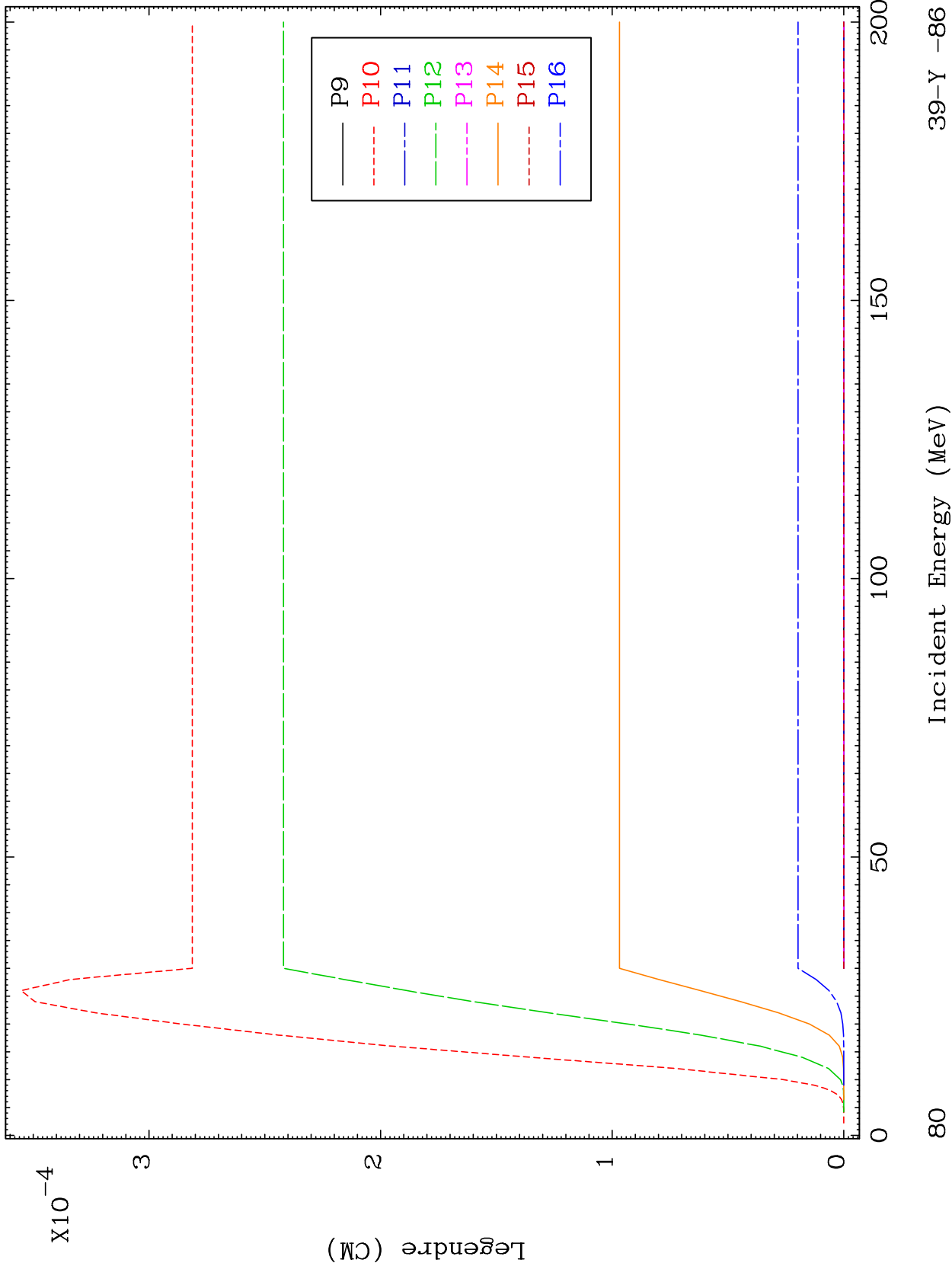
Incident Energy (MeV)

39-Y -86

MAT 3916

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

39-Y -86



39-Y -86

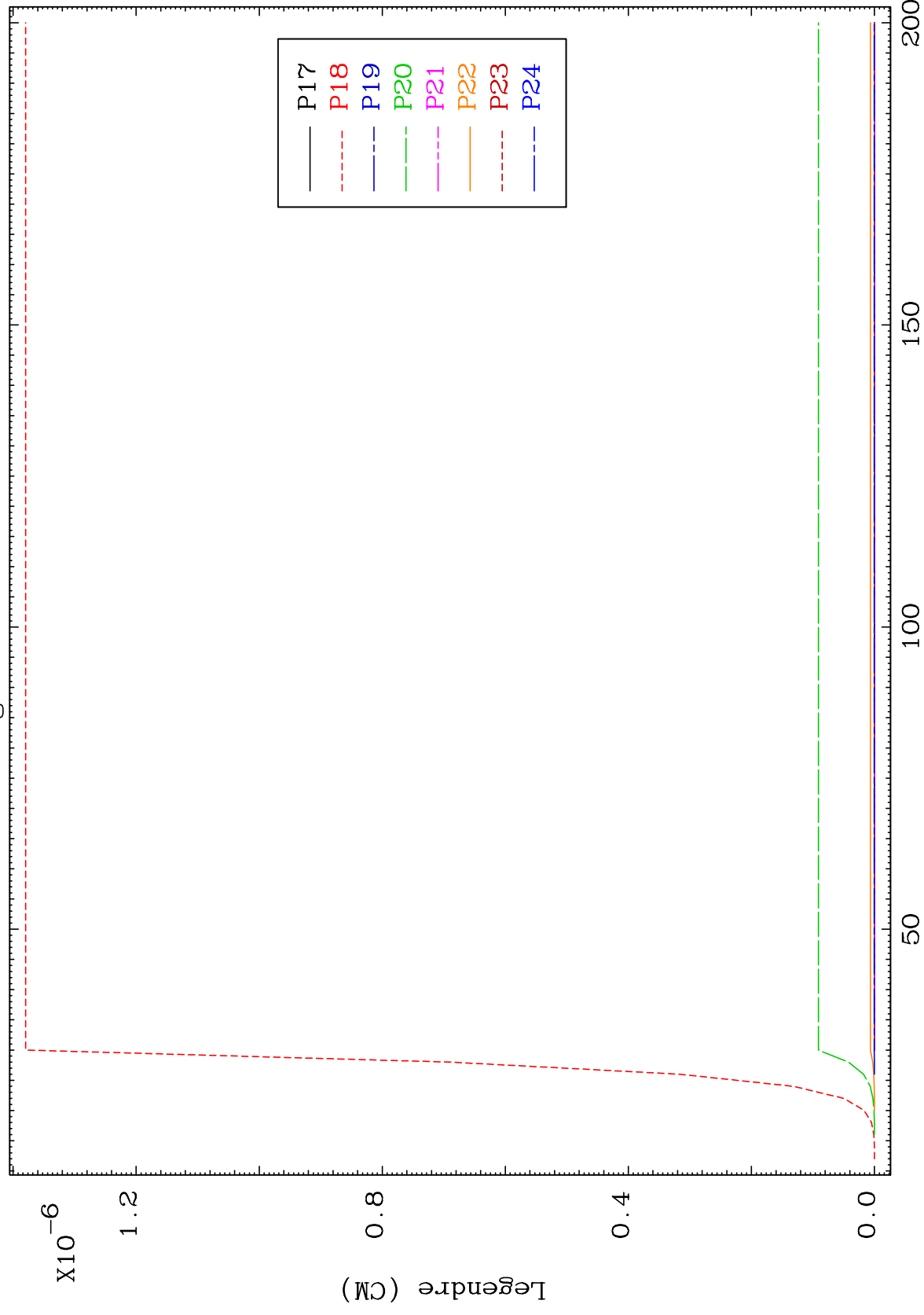
Incident Energy (MeV)

80

MAT 3916

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

39-Y -86



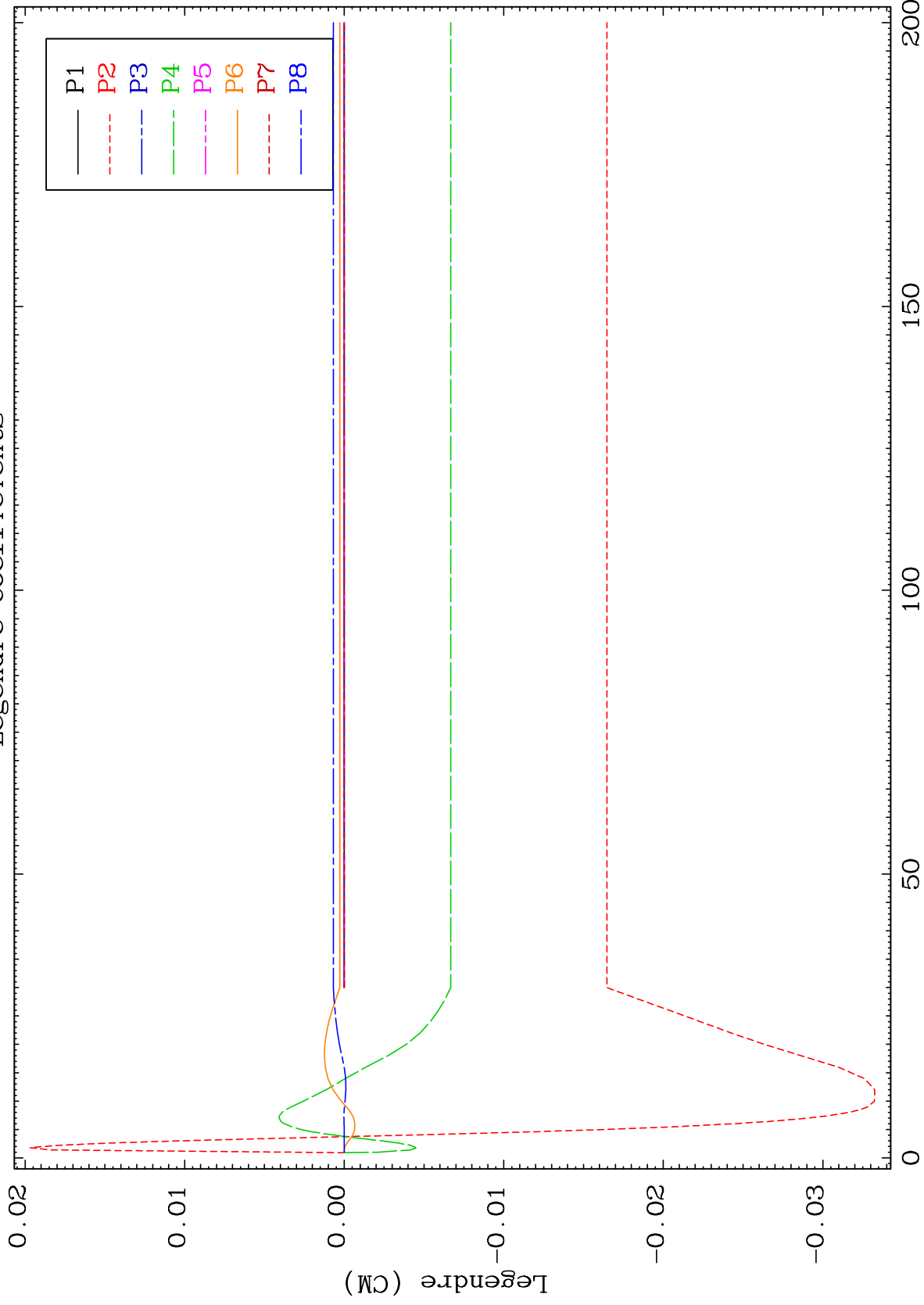
81

39-Y -86

MAT 3916

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

39-Y -86



82

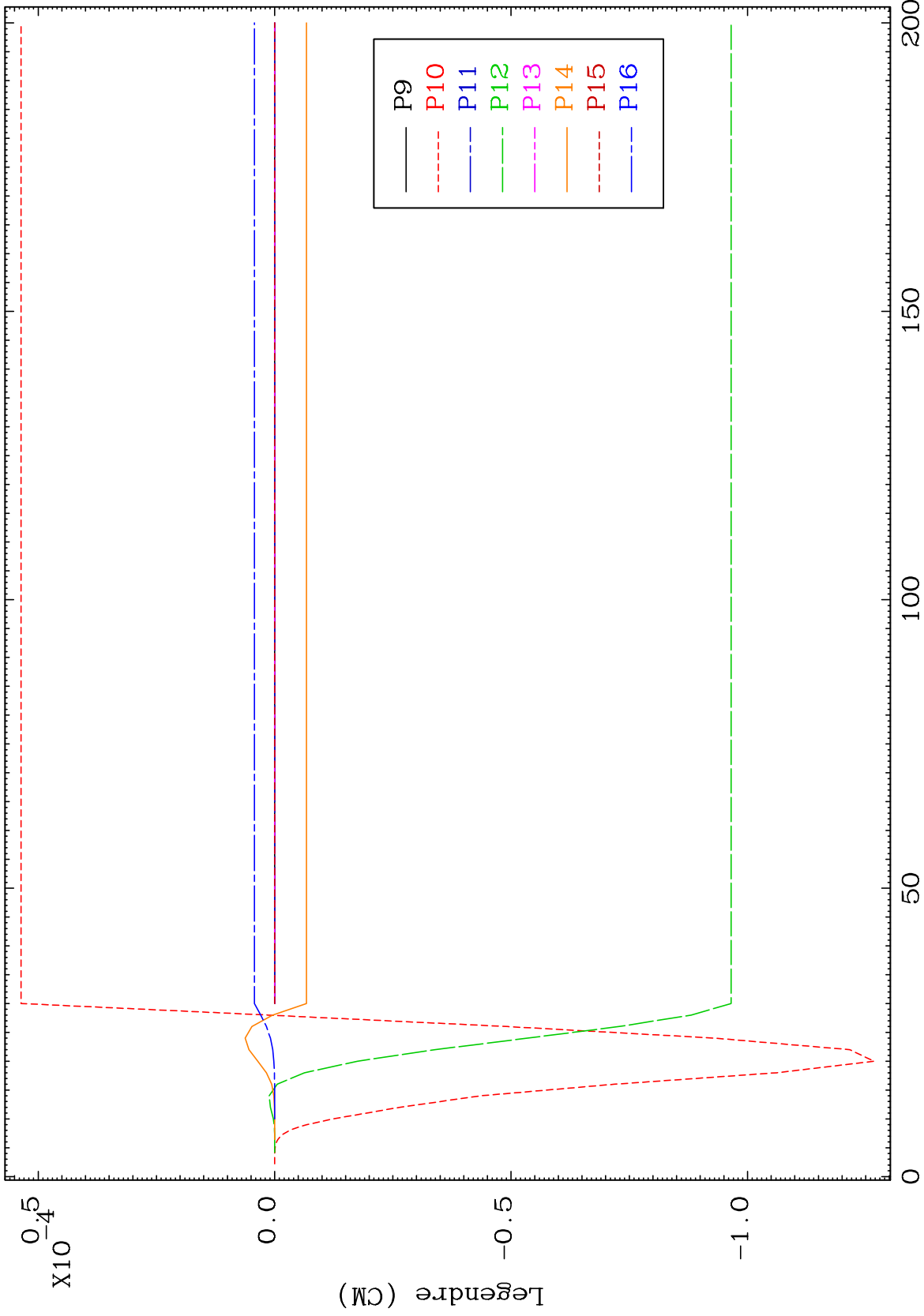
Incident Energy (MeV)

39-Y -86

MAT 3916

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

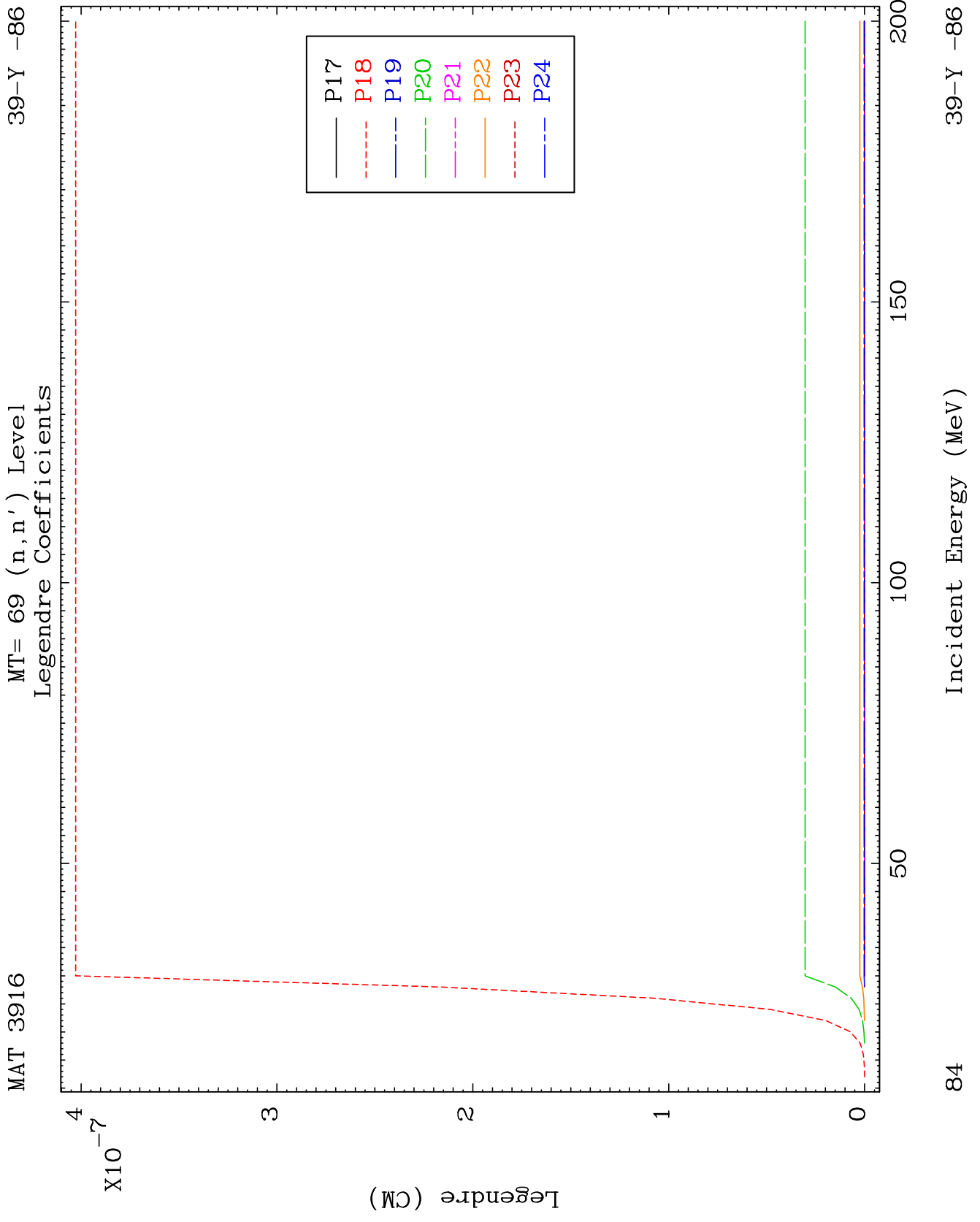
39-Y -86



83

Incident Energy (MeV)

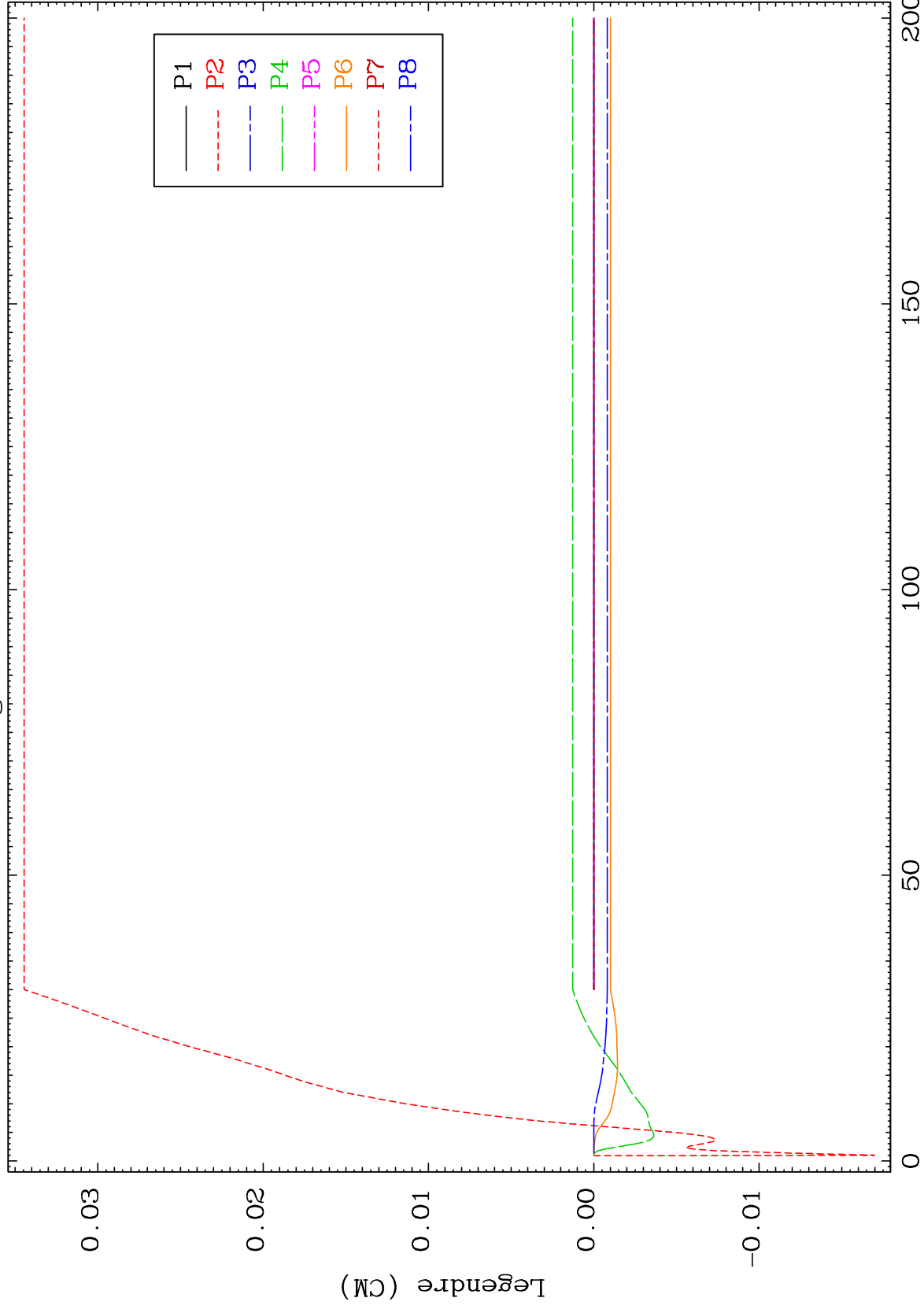
39-Y -86



MAT 3916

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

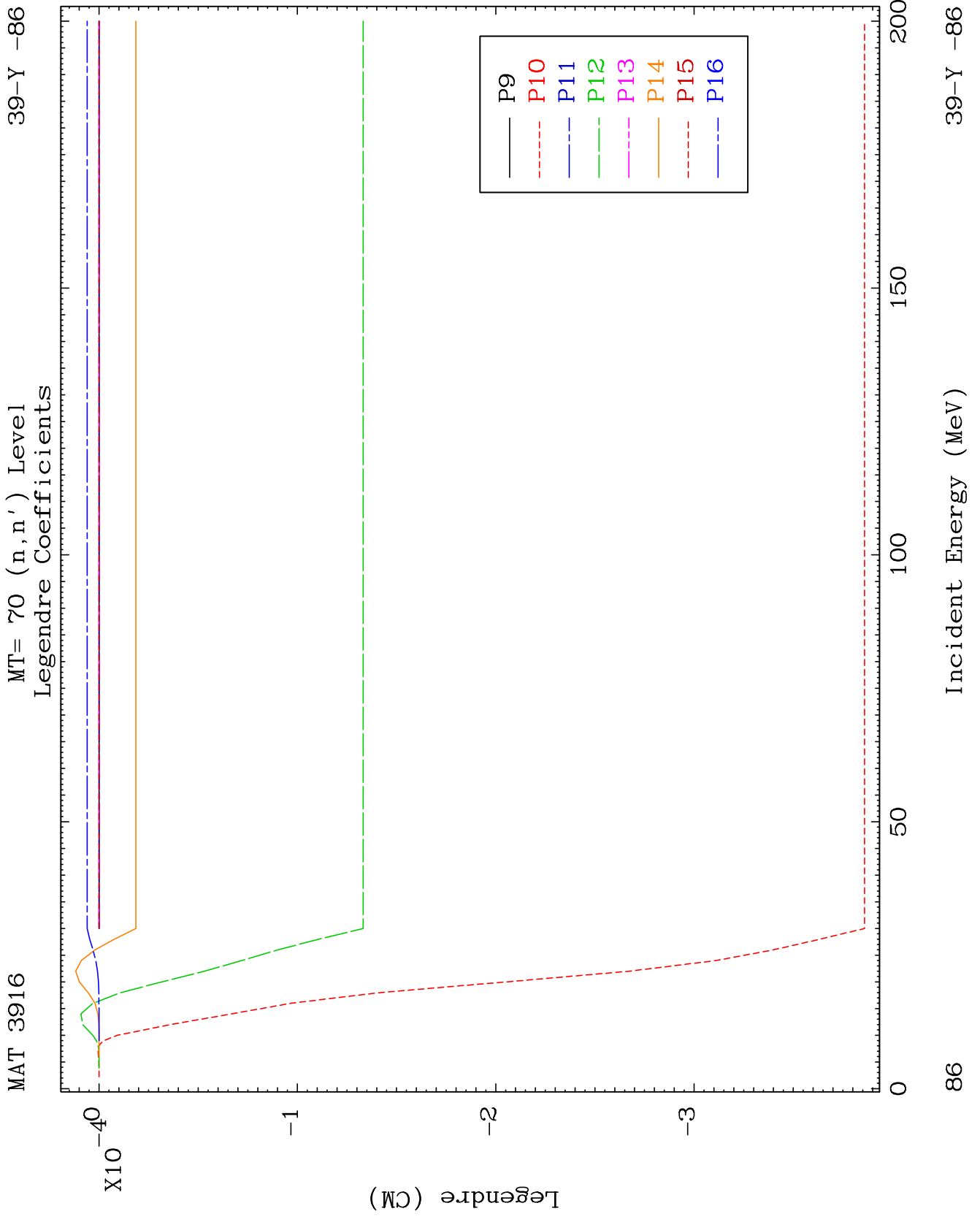
39-Y -86



85

Incident Energy (MeV)

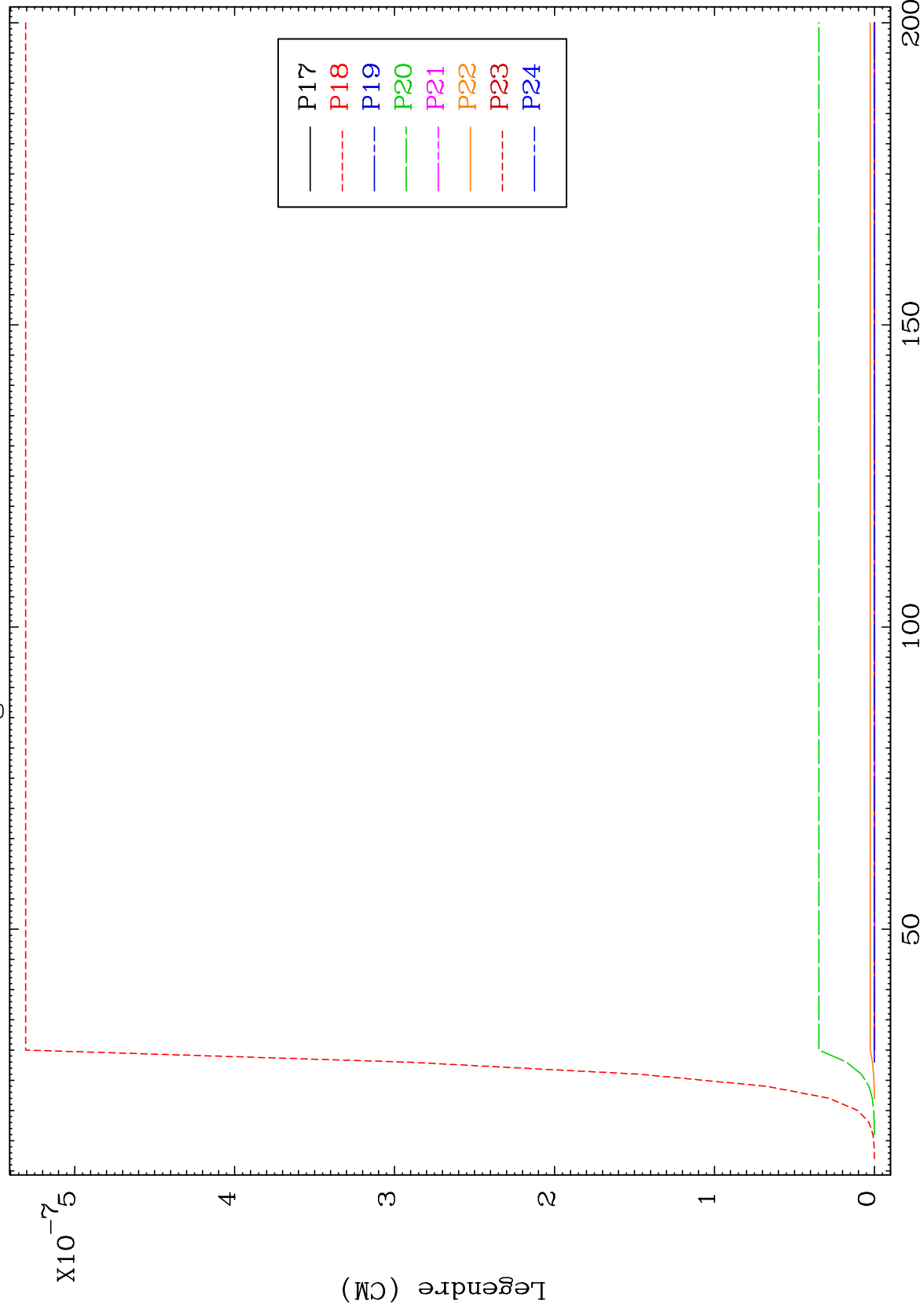
39-Y -86



MAT 3916

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

39-Y -86



39-Y -86

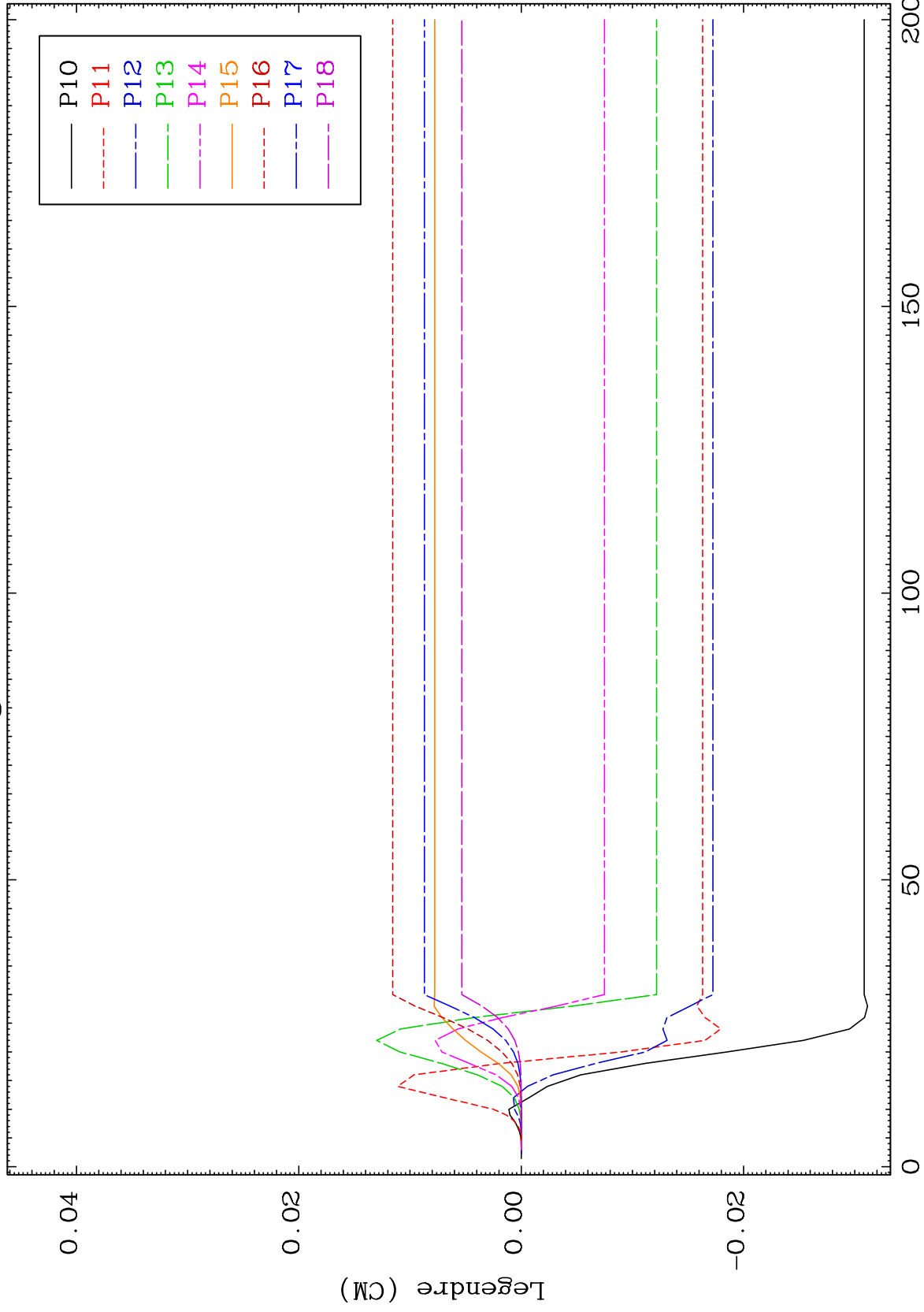
Incident Energy (MeV)

87

MAT 3916

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

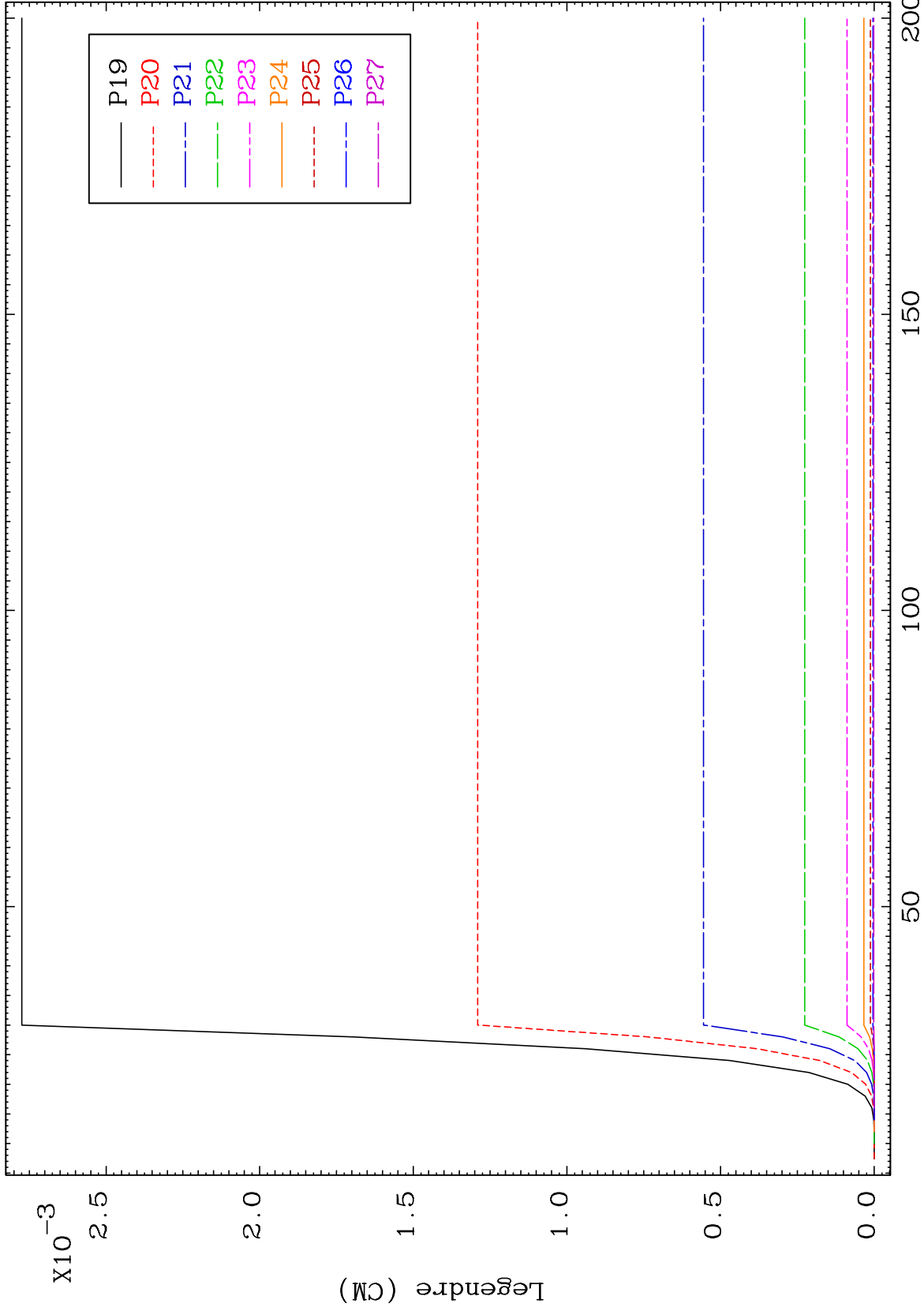
39-Y -86

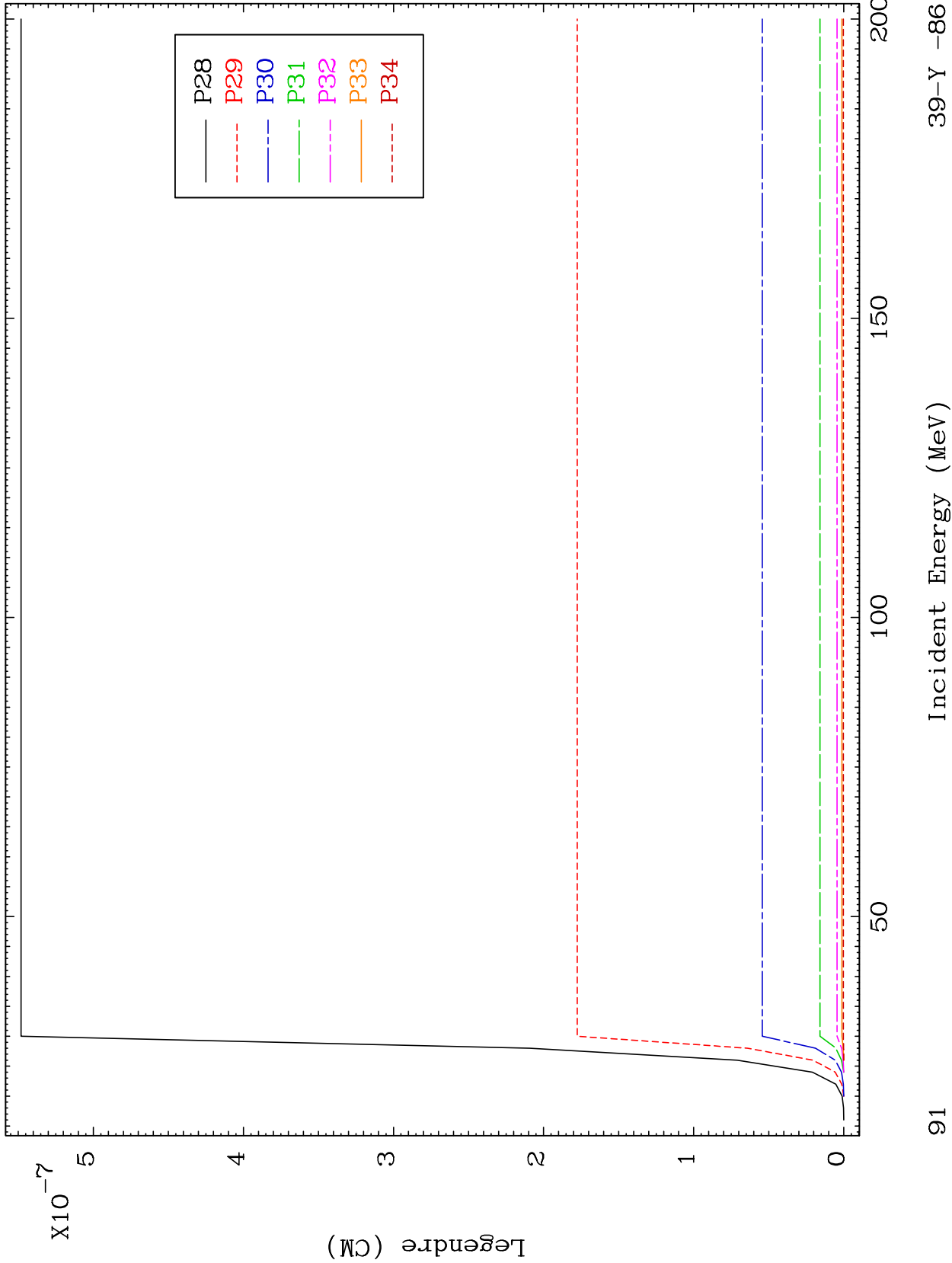


89

Incident Energy (MeV)

39-Y -86

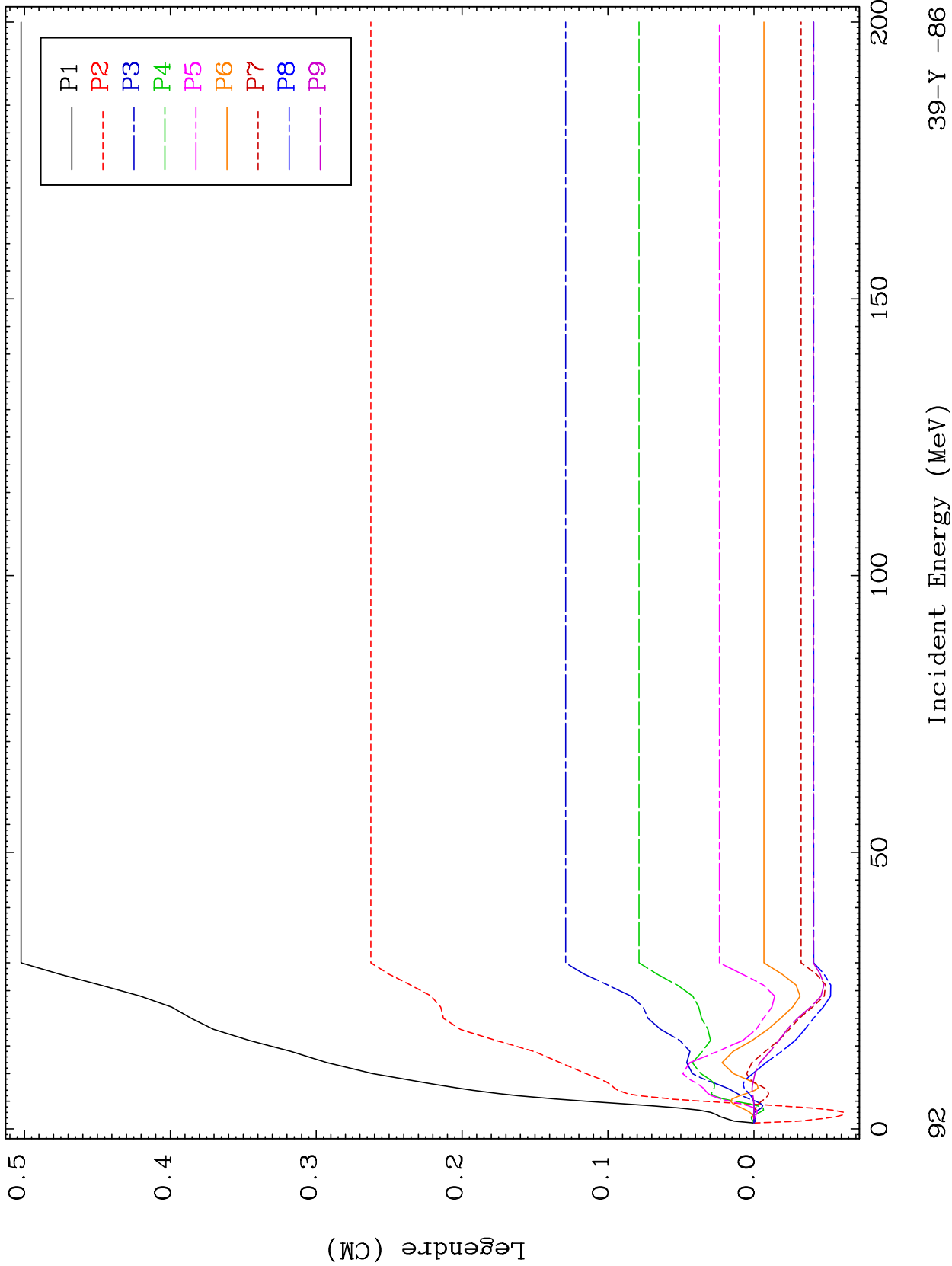




MAT 3916

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

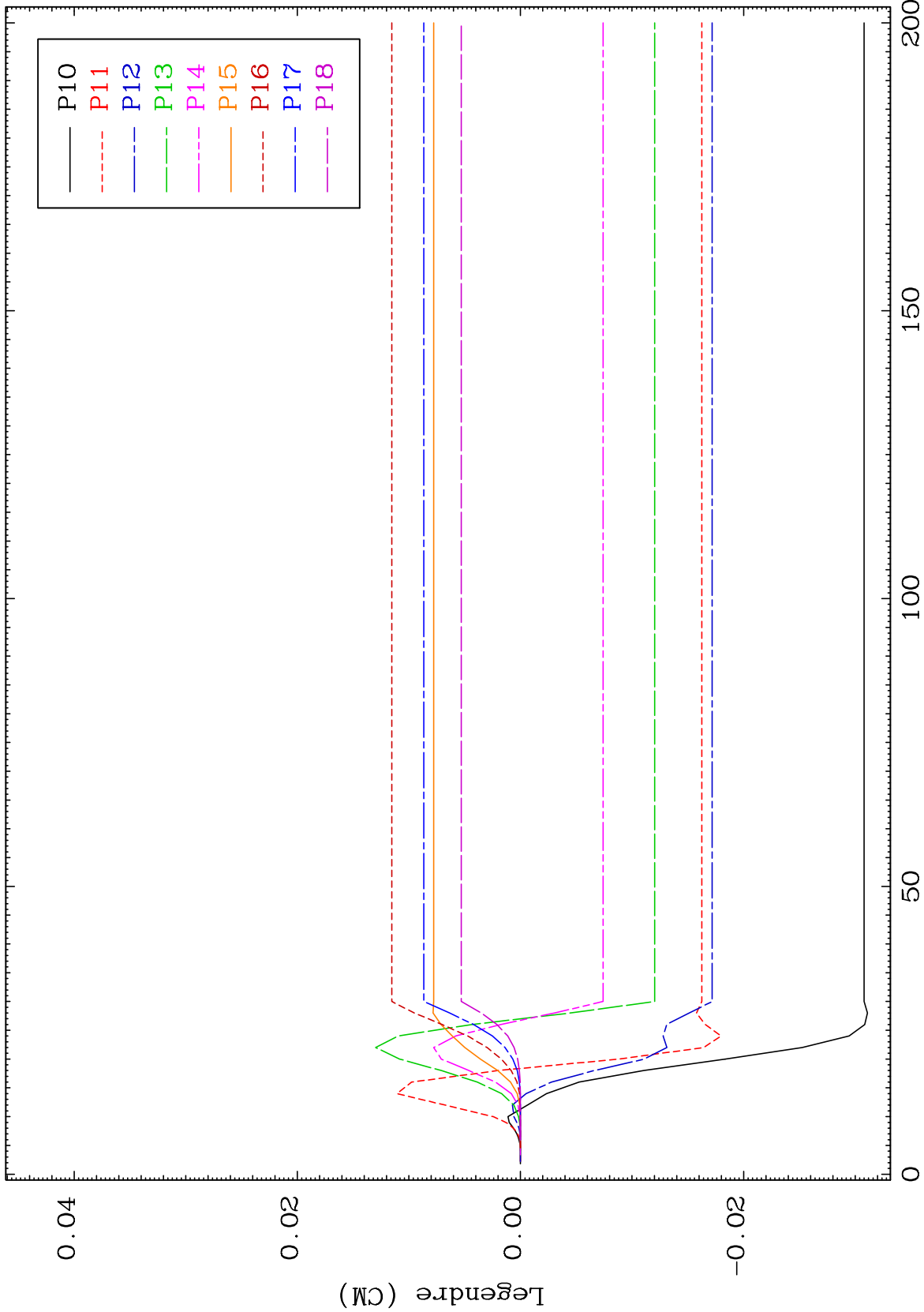
39-Y -86



MAT 3916

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

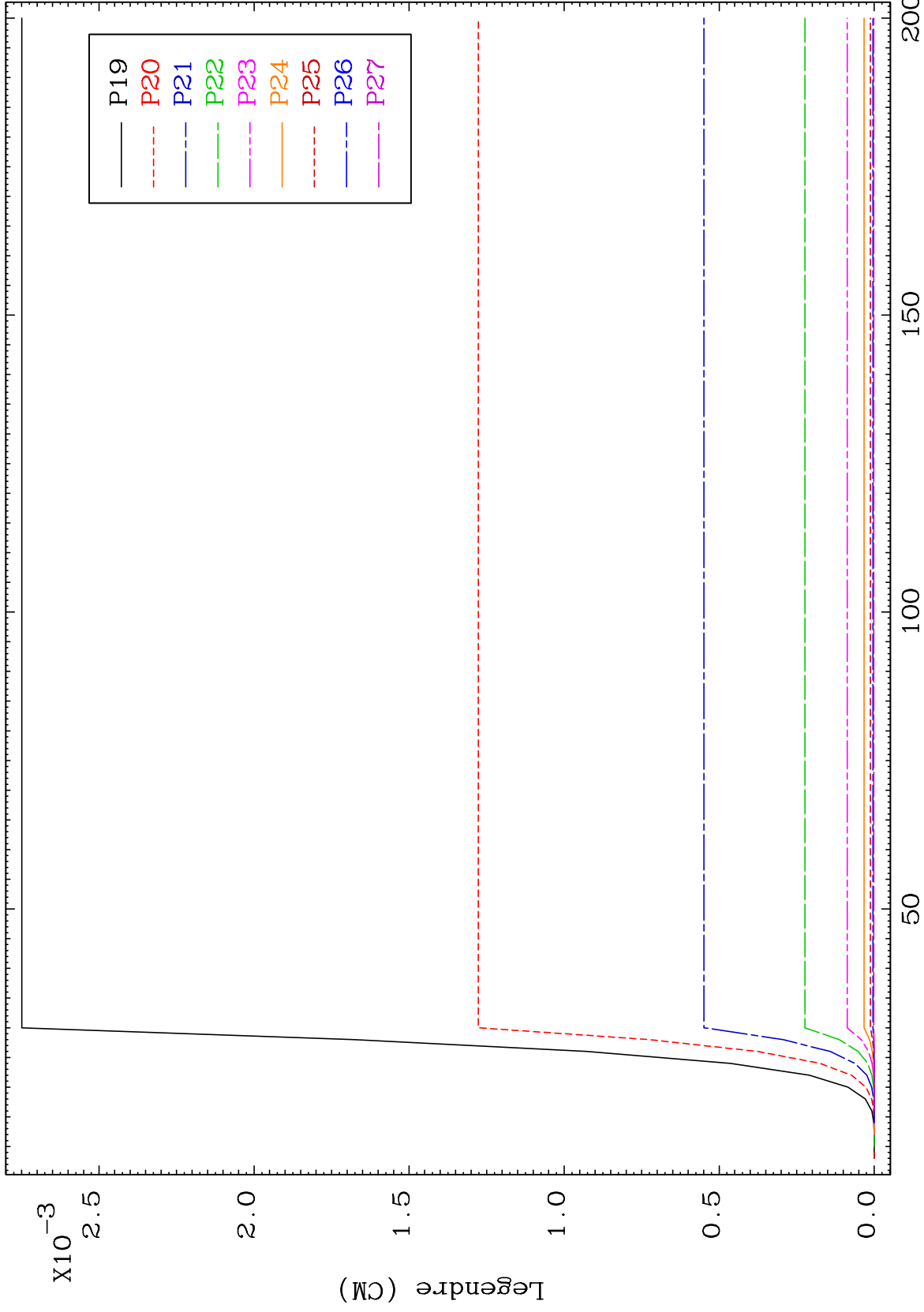
39-Y -86



93

Incident Energy (MeV)

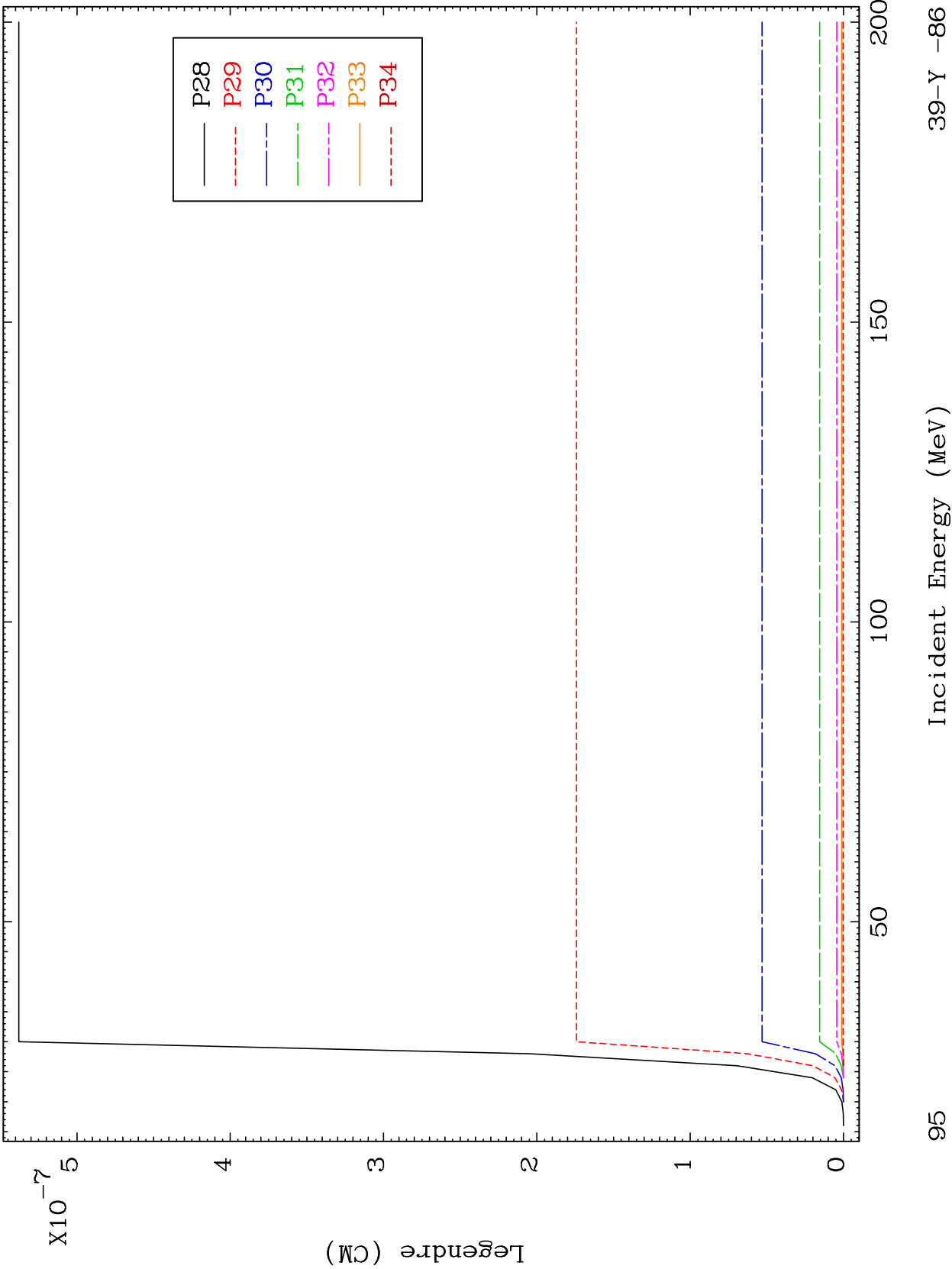
39-Y -86



MAT 3916

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

39-Y -86



95

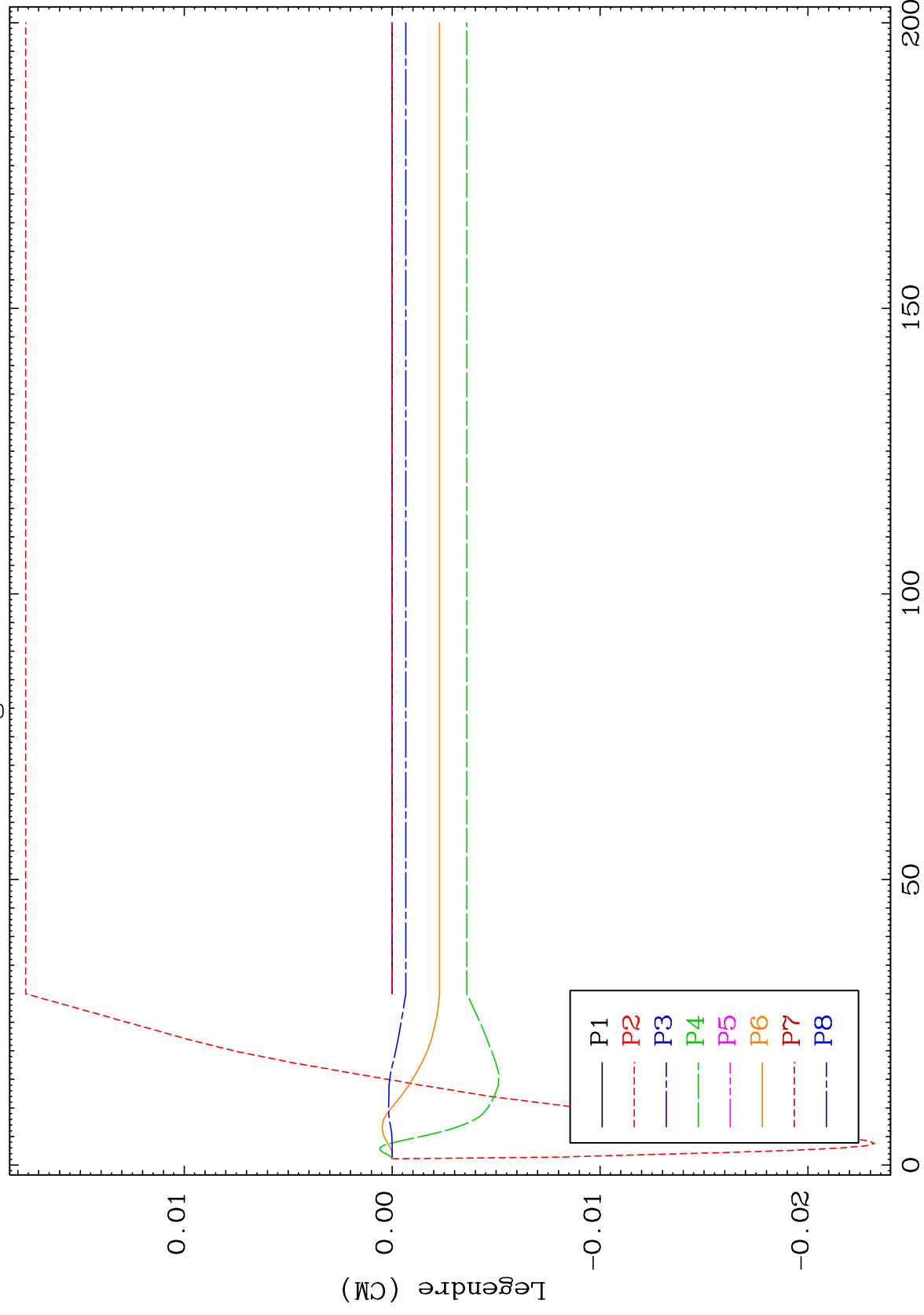
Incident Energy (MeV)

39-Y -86

MAT 3916

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

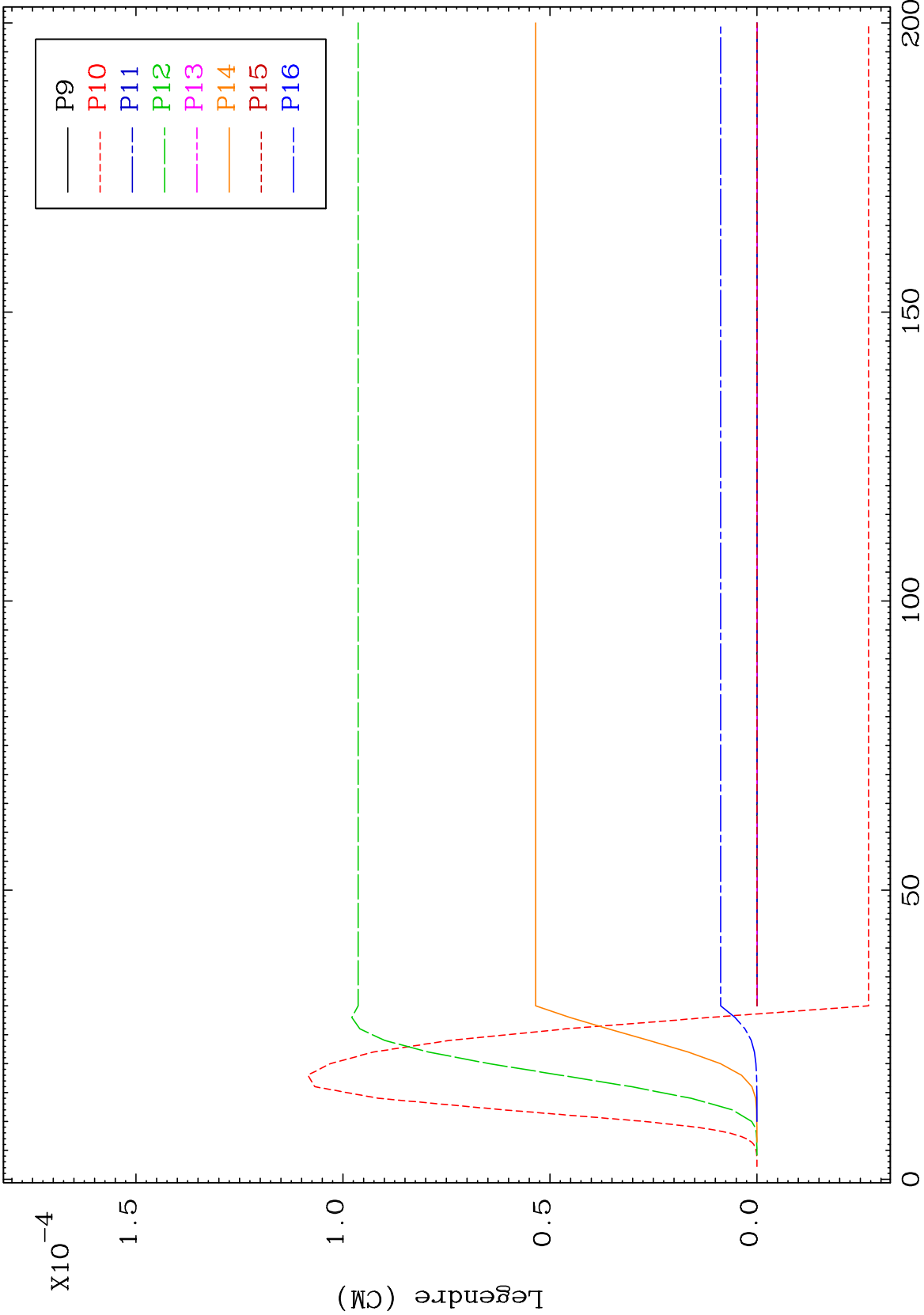
39-Y -86

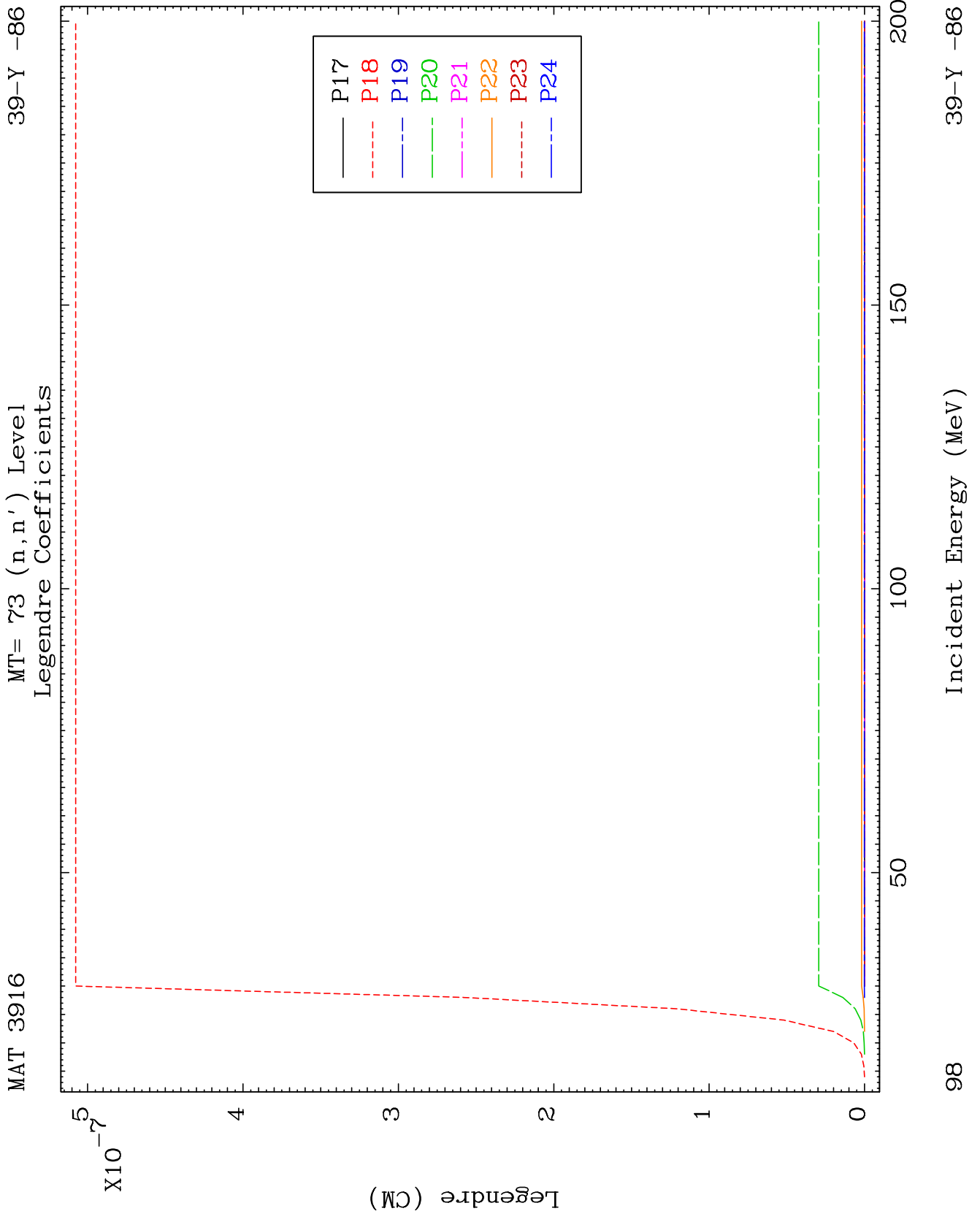


96

Incident Energy (MeV)

39-Y -86

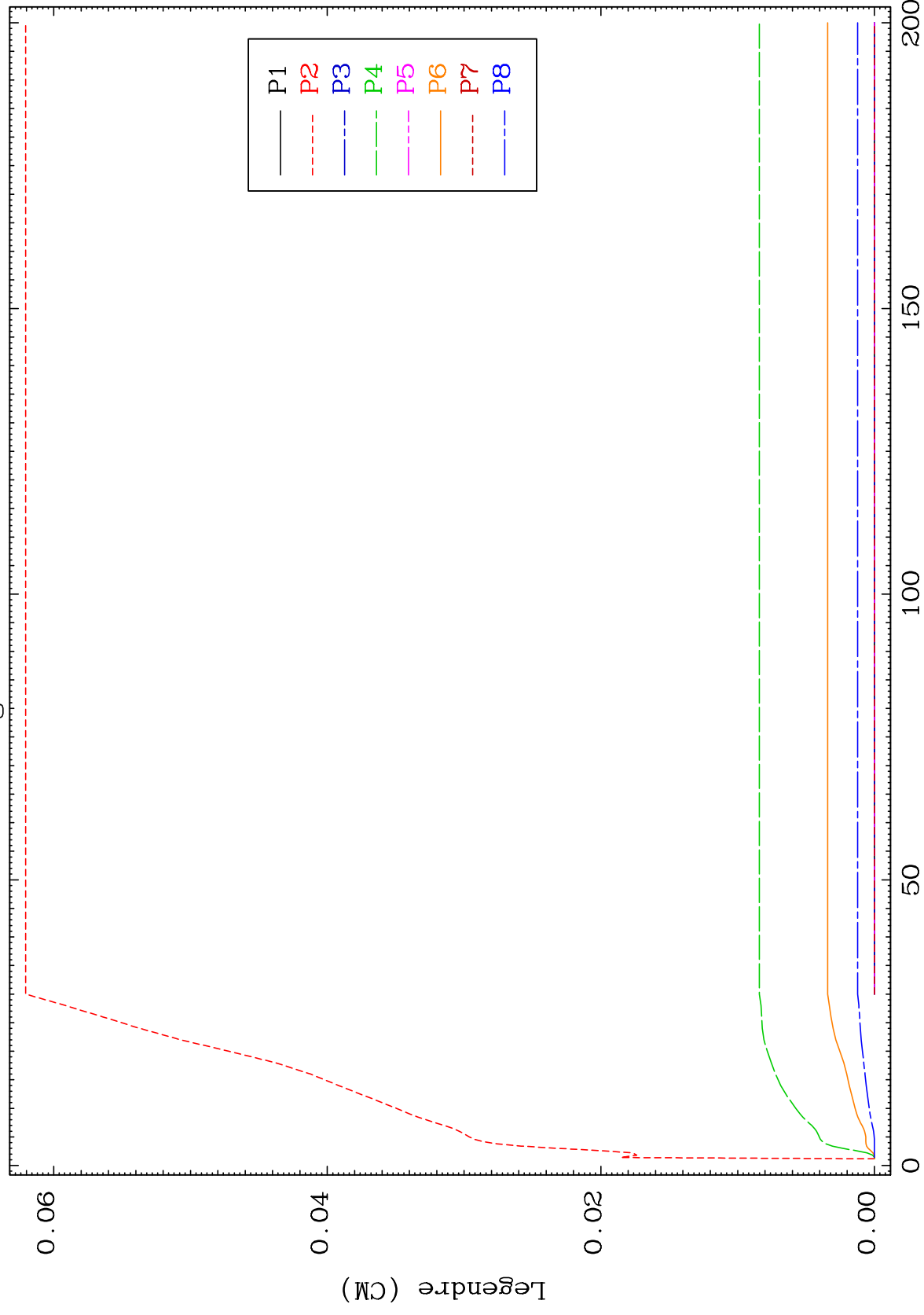




MAT 3916

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

39-Y -86



99

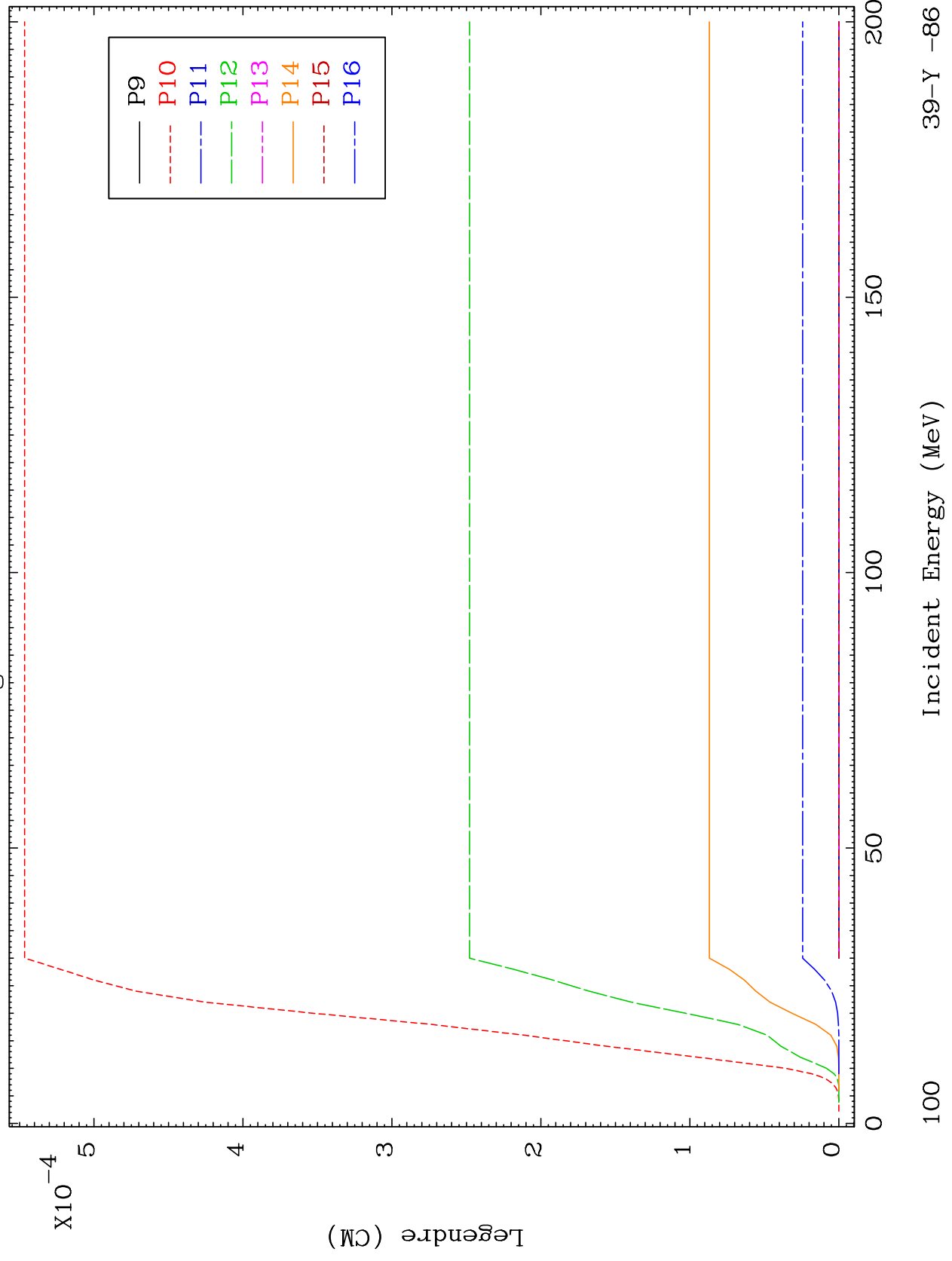
Incident Energy (MeV)

39-Y -86

MAT 3916

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

39-Y -86

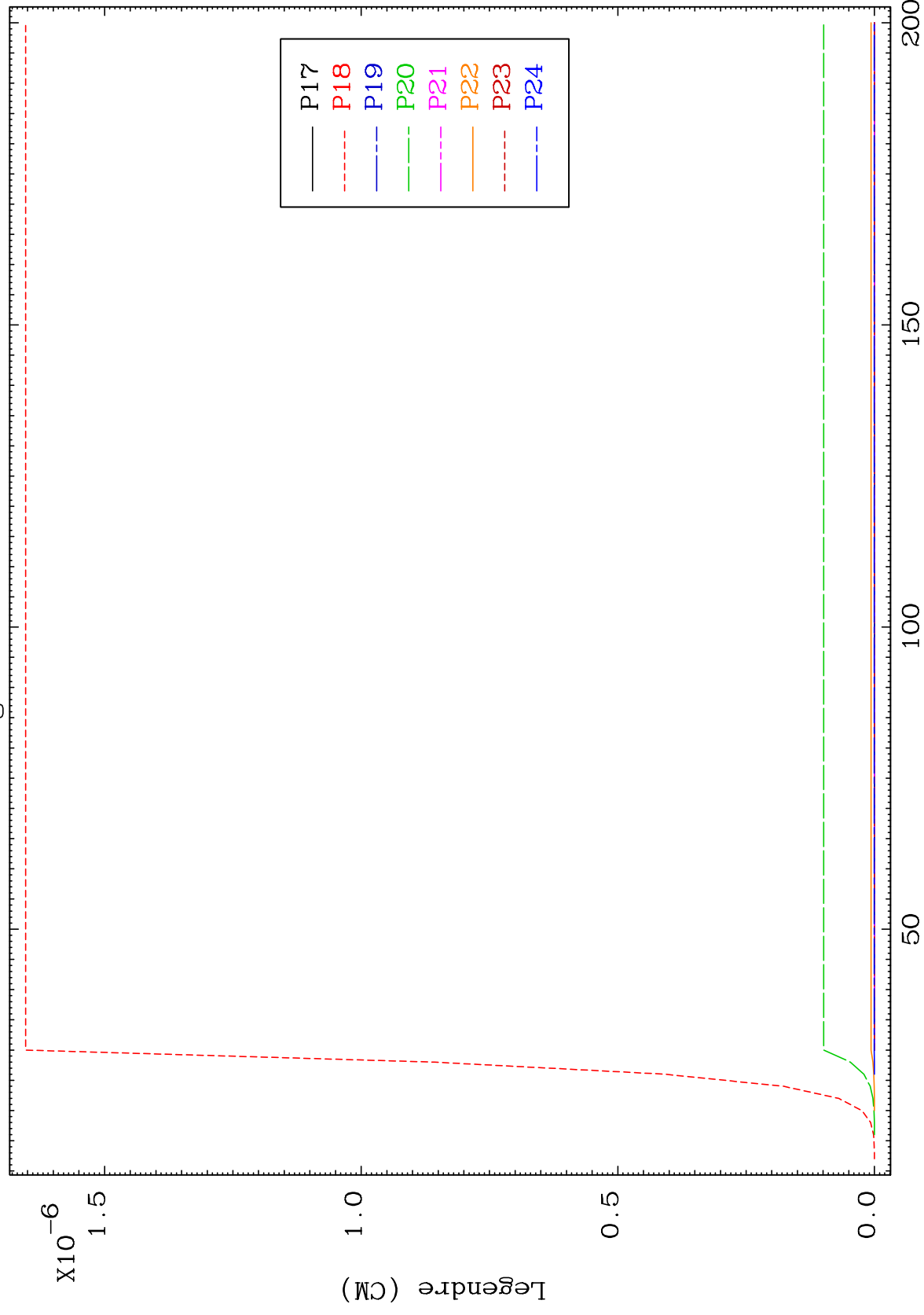


39-Y -86

MAT 3916

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

39-Y -86



101

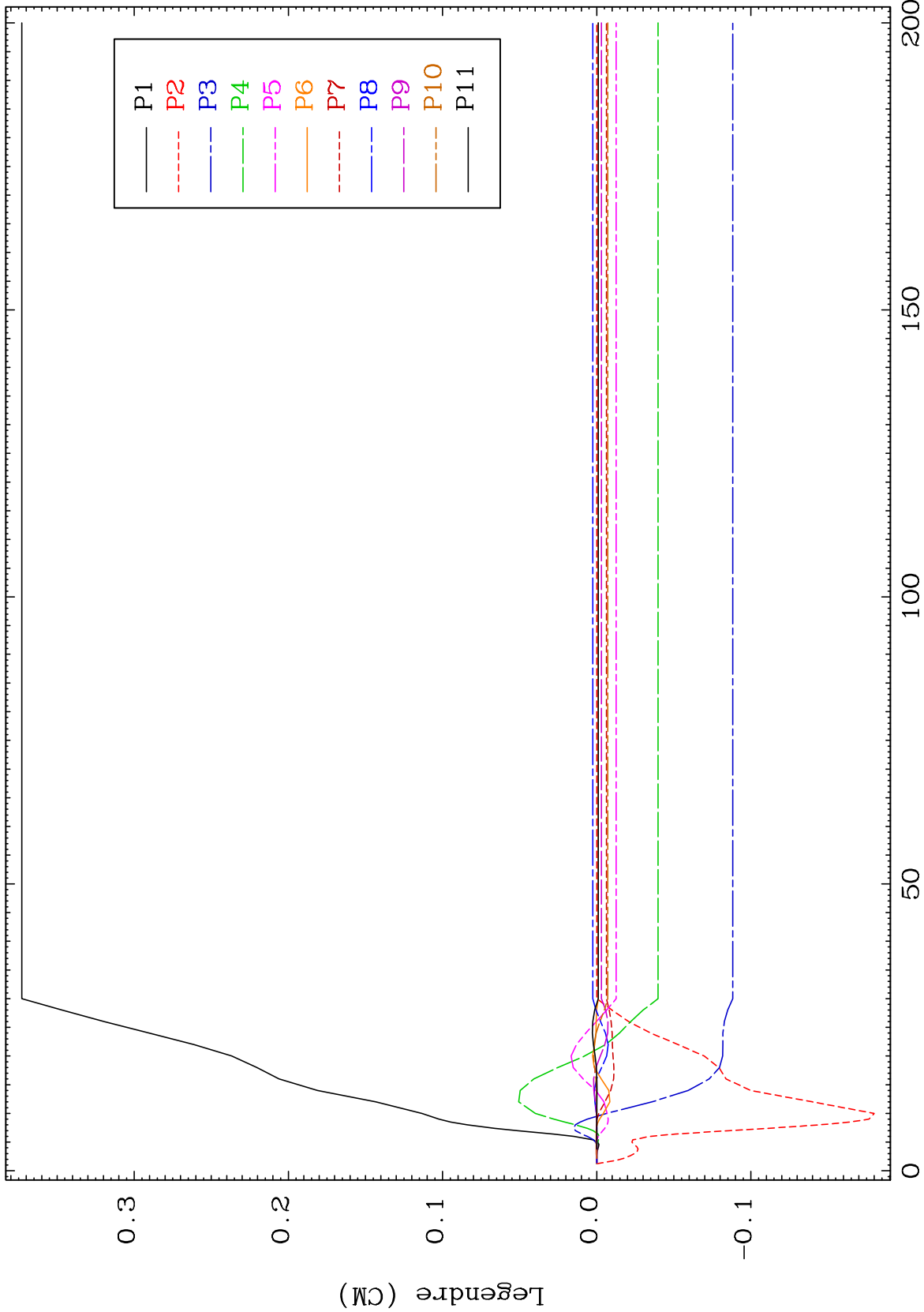
Incident Energy (MeV)

39-Y -86

MAT 3916

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

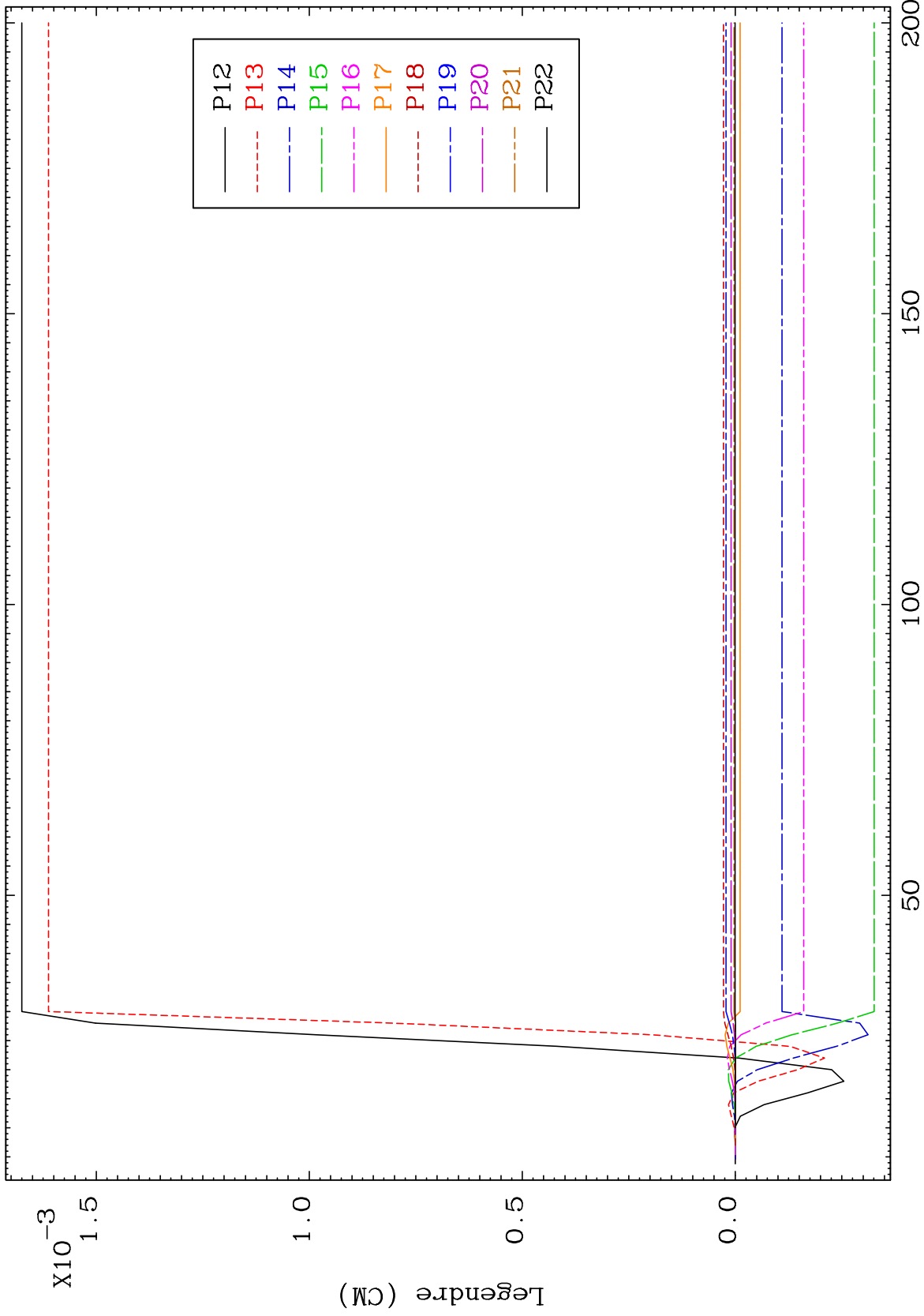
39-Y -86



102

Incident Energy (MeV)

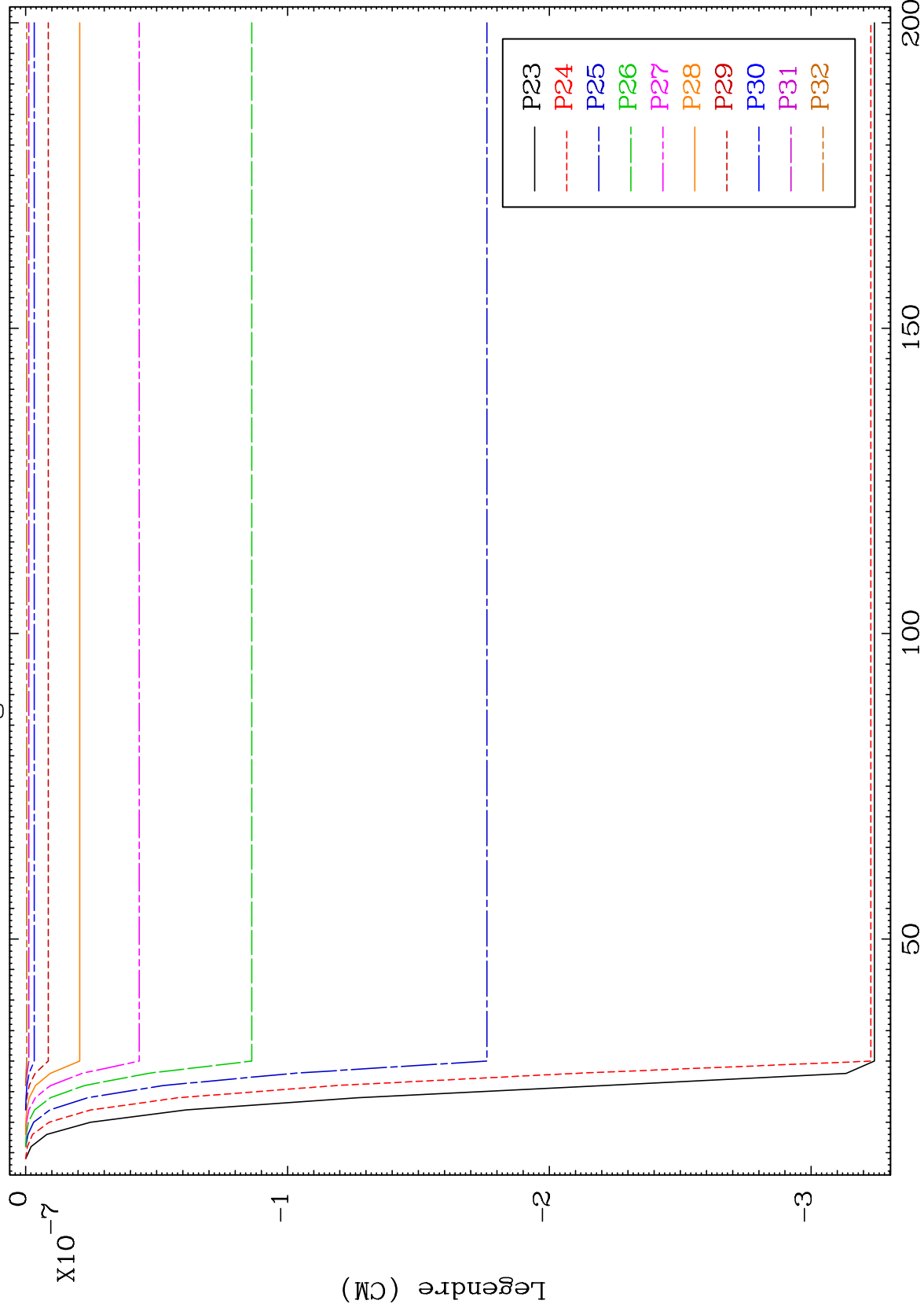
39-Y -86



MAT 3916

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

39-Y -86



104

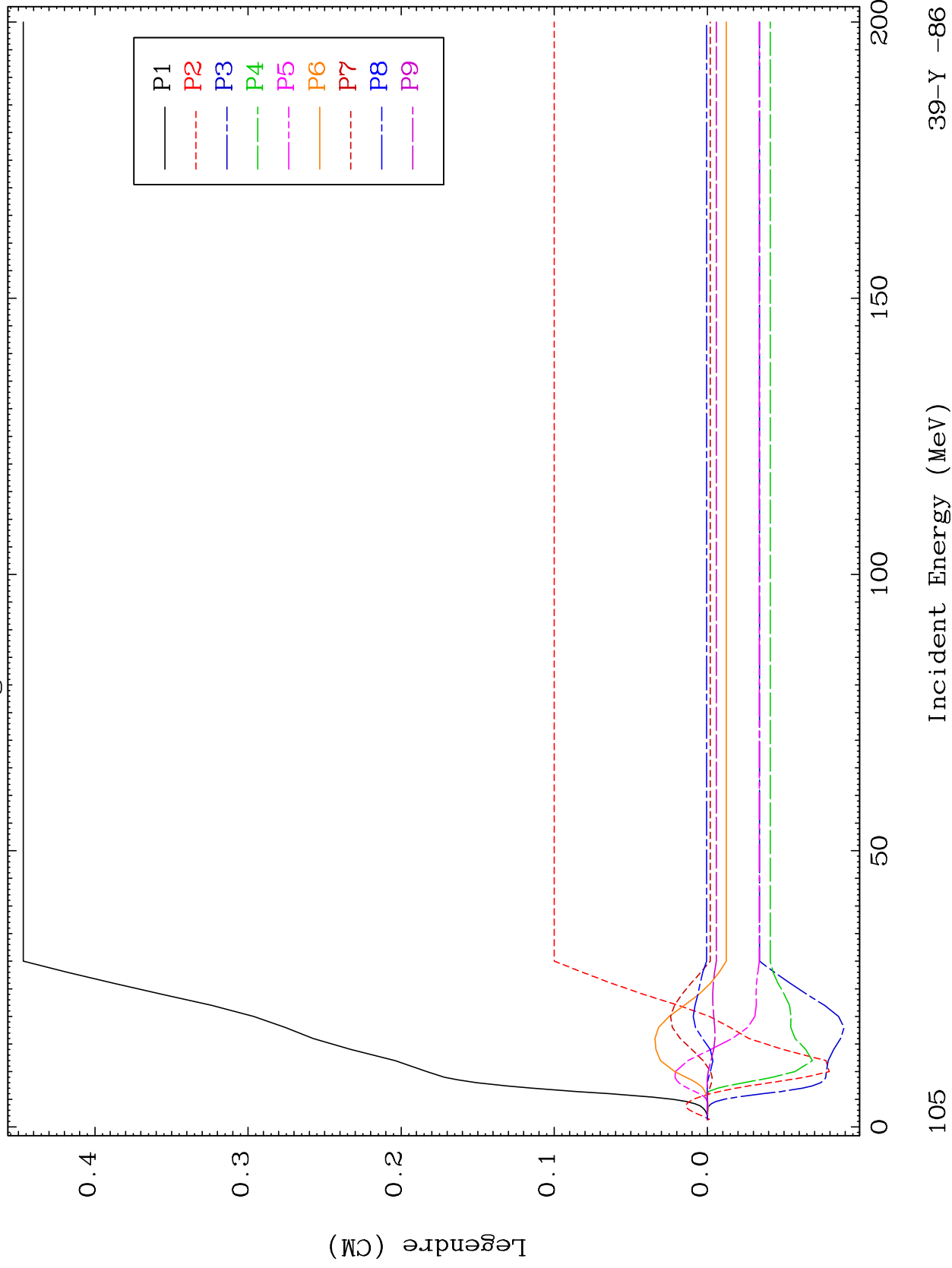
Incident Energy (MeV)

200

MAT 3916

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

39-Y -86



39-Y -86

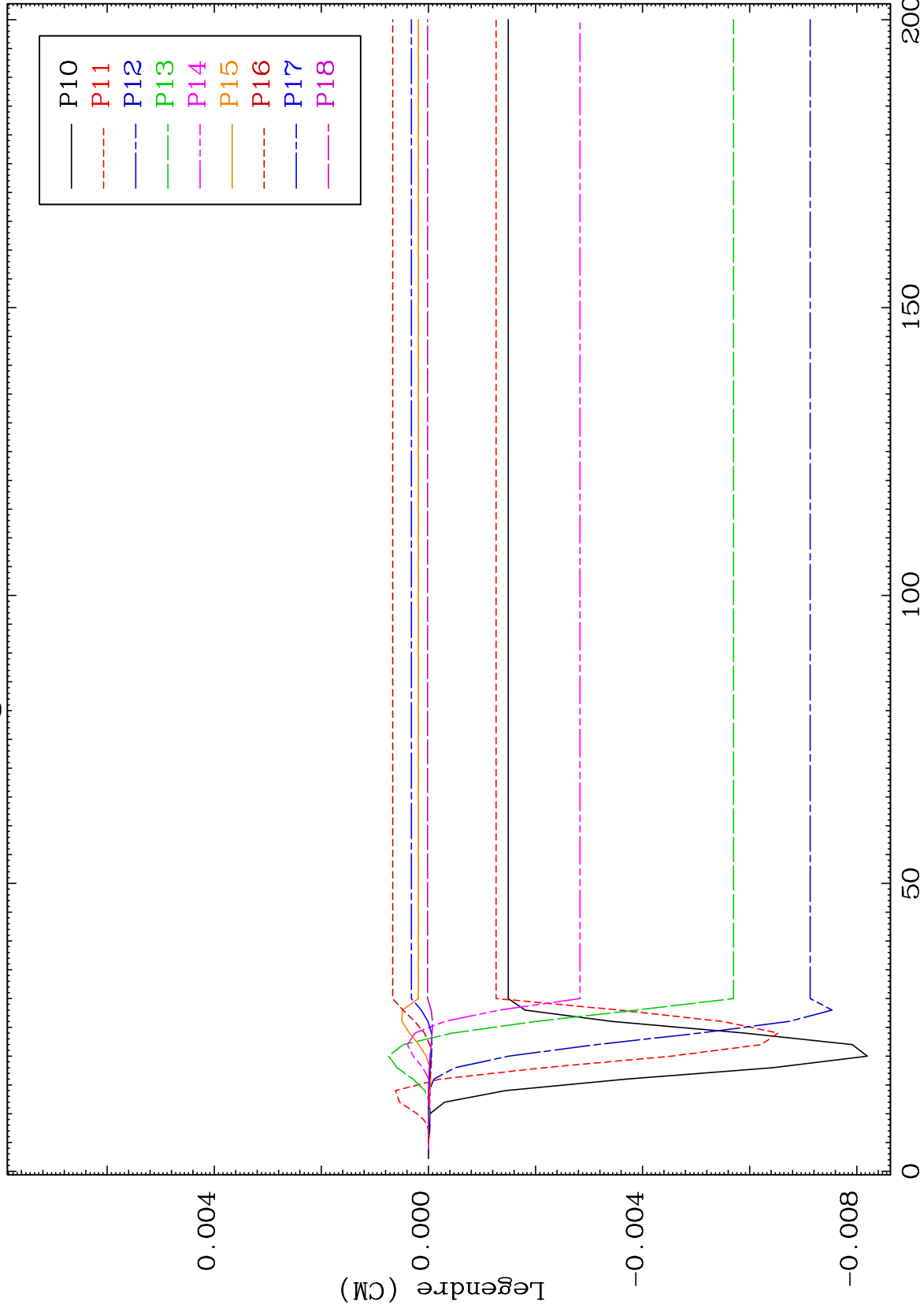
Incident Energy (MeV)

105

MAT 3916

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

39-Y -86



106

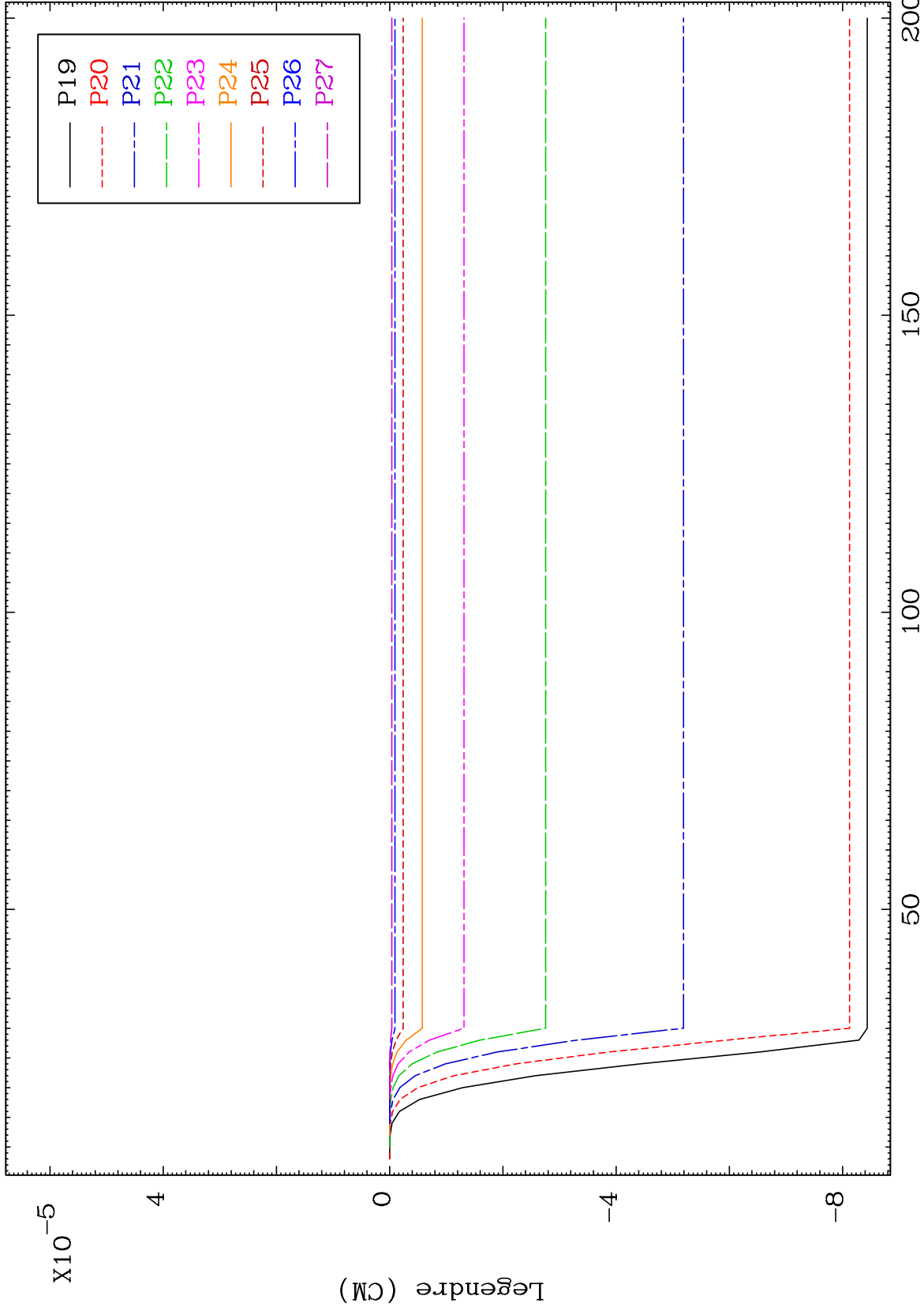
Incident Energy (MeV)

39-Y -86

MAT 3916

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

39-Y -86



107

Incident Energy (MeV)

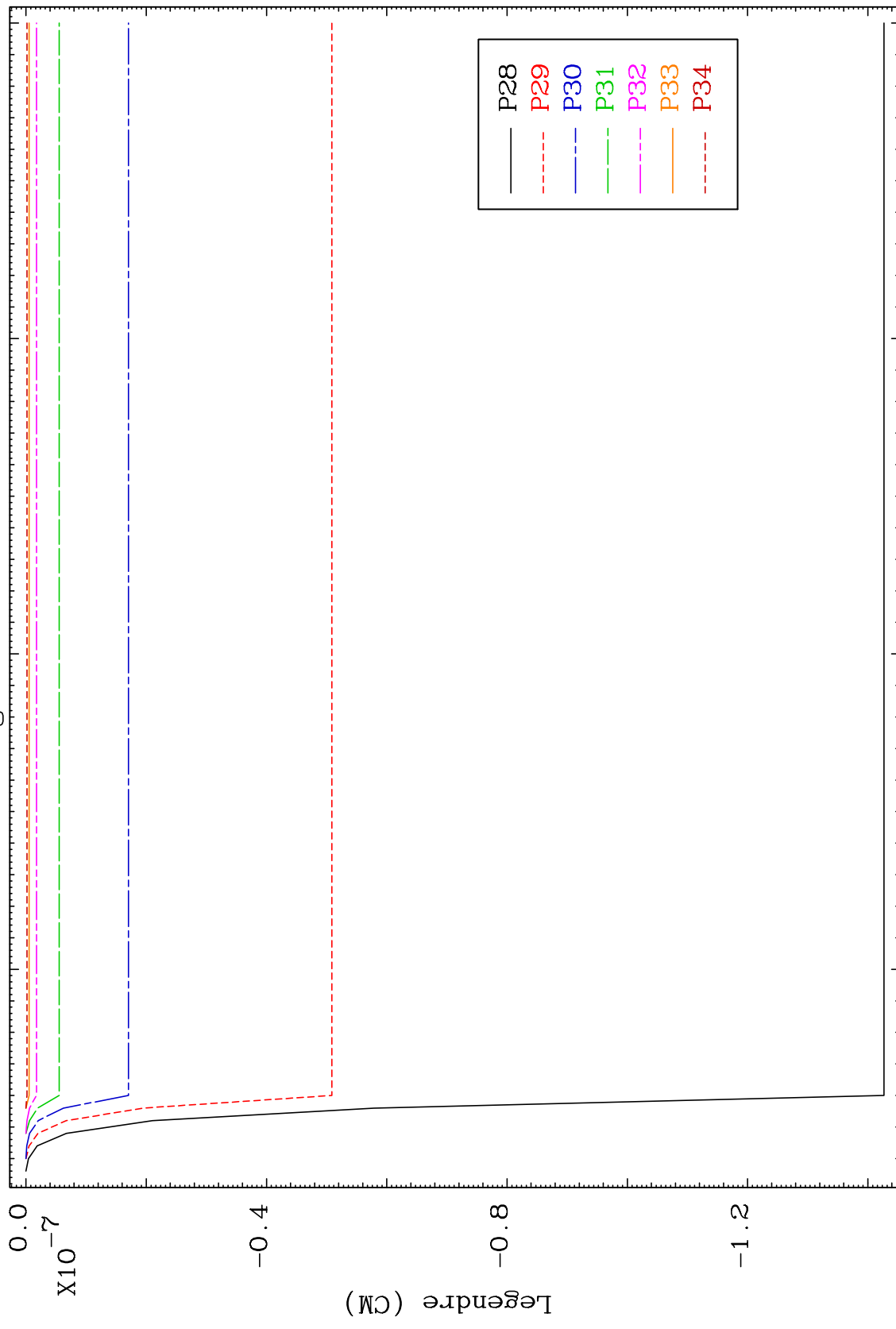
39-Y -86

MAT 3916

MT= 76 (n,n') Level

39-Y -86

Legendre Coefficients



108

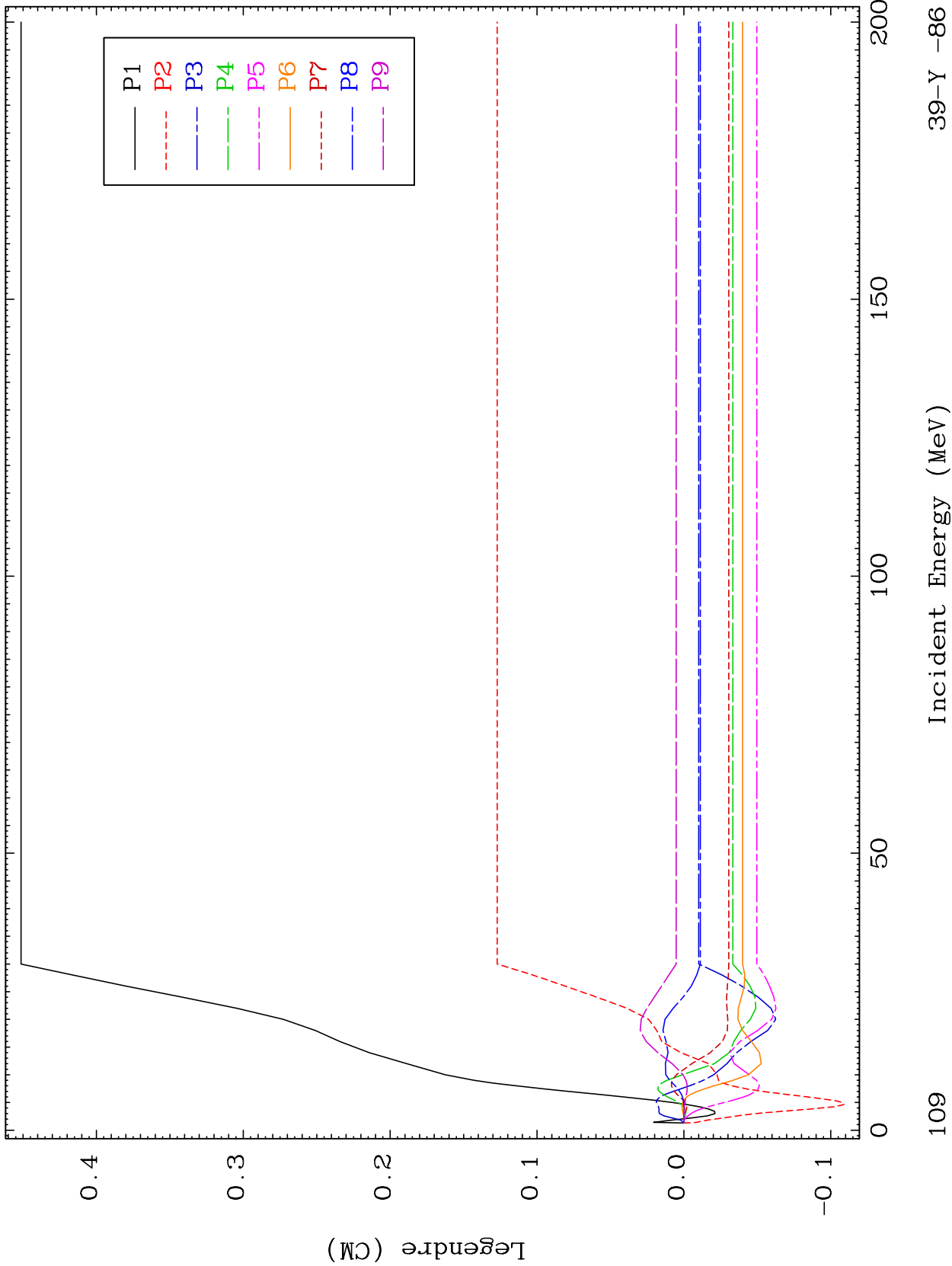
Incident Energy (MeV)

39-Y -86

MAT 3916

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

39-Y -86



109

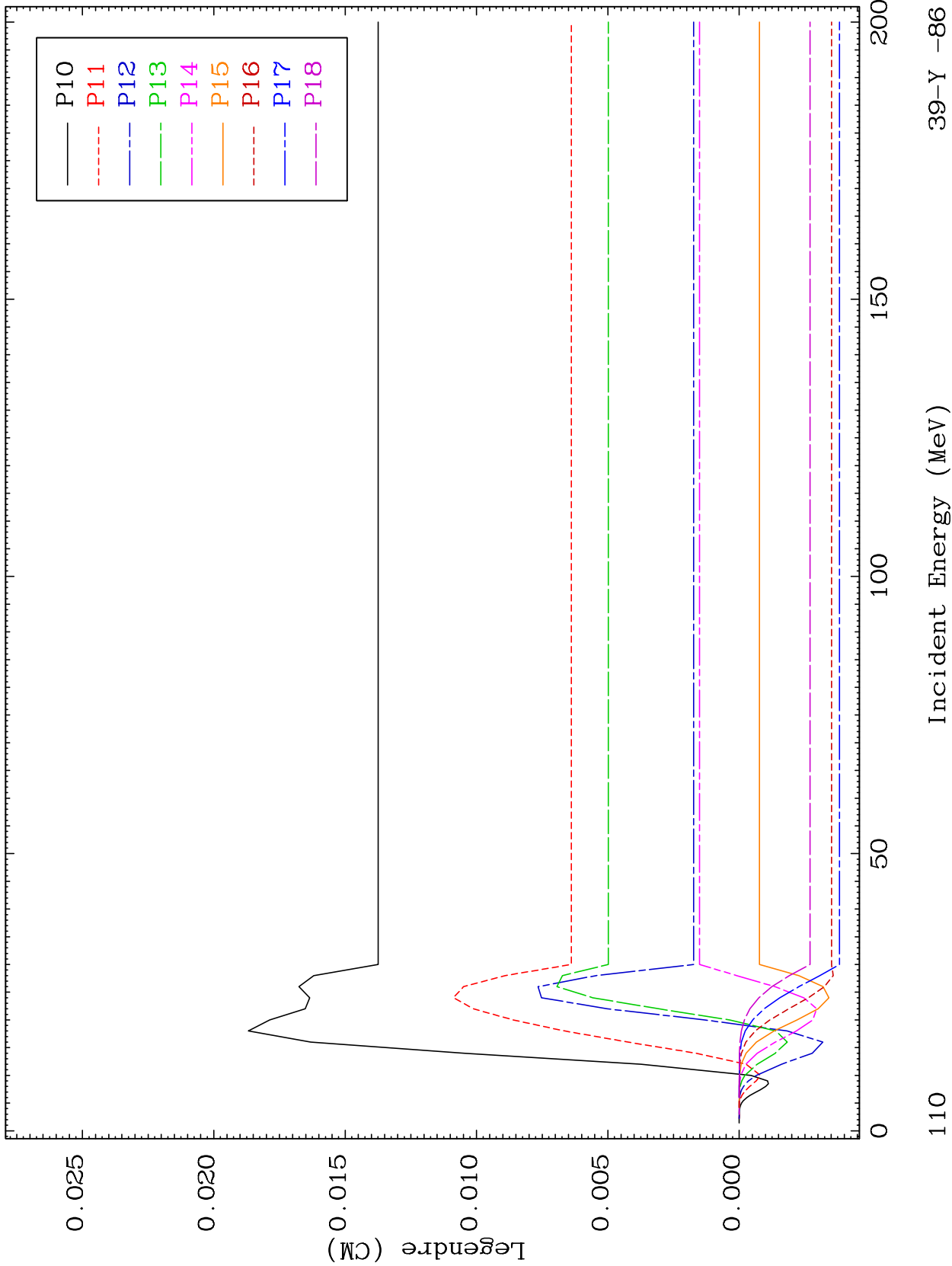
Incident Energy (MeV)

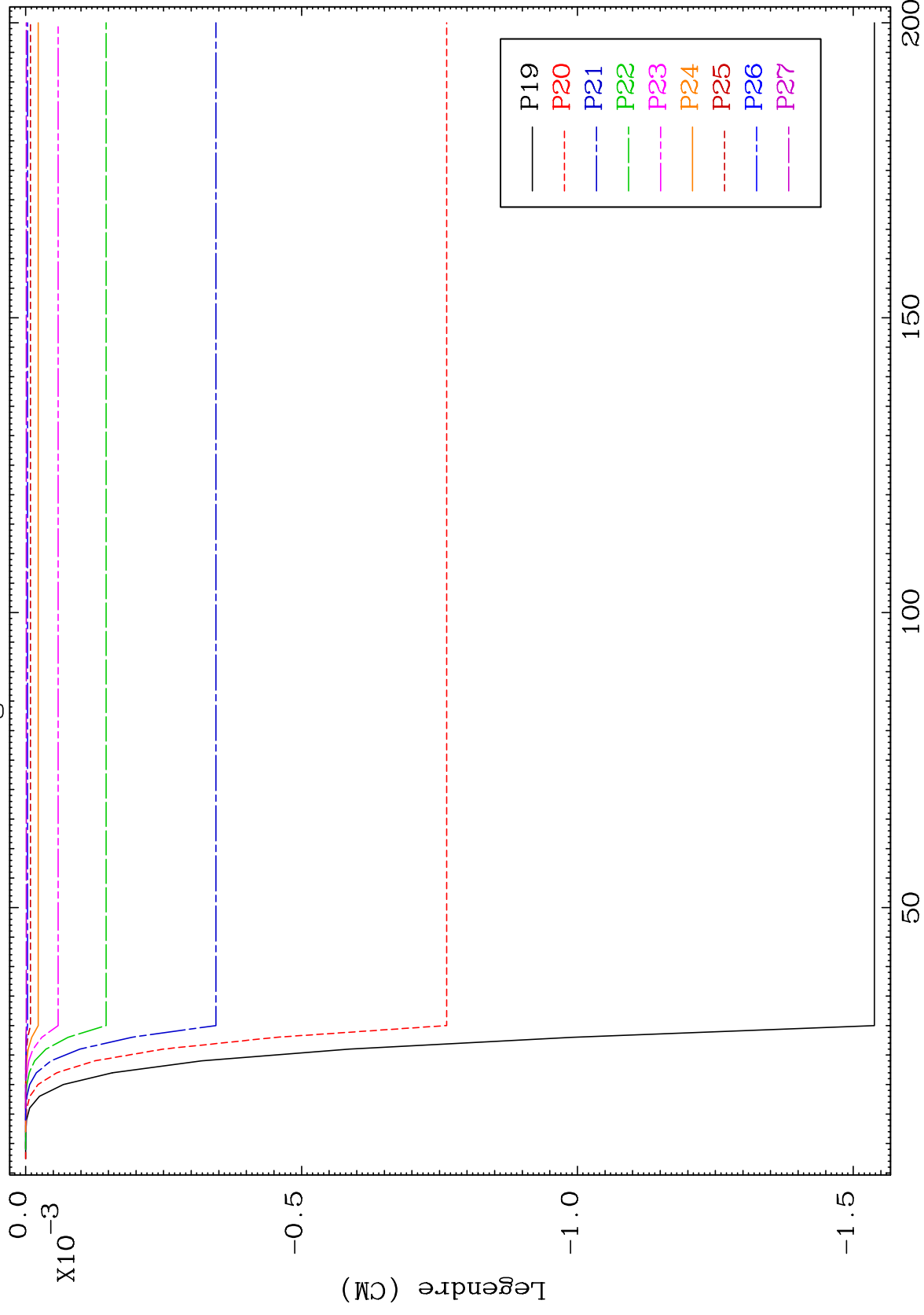
39-Y -86

MAT 3916

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

39-Y -86



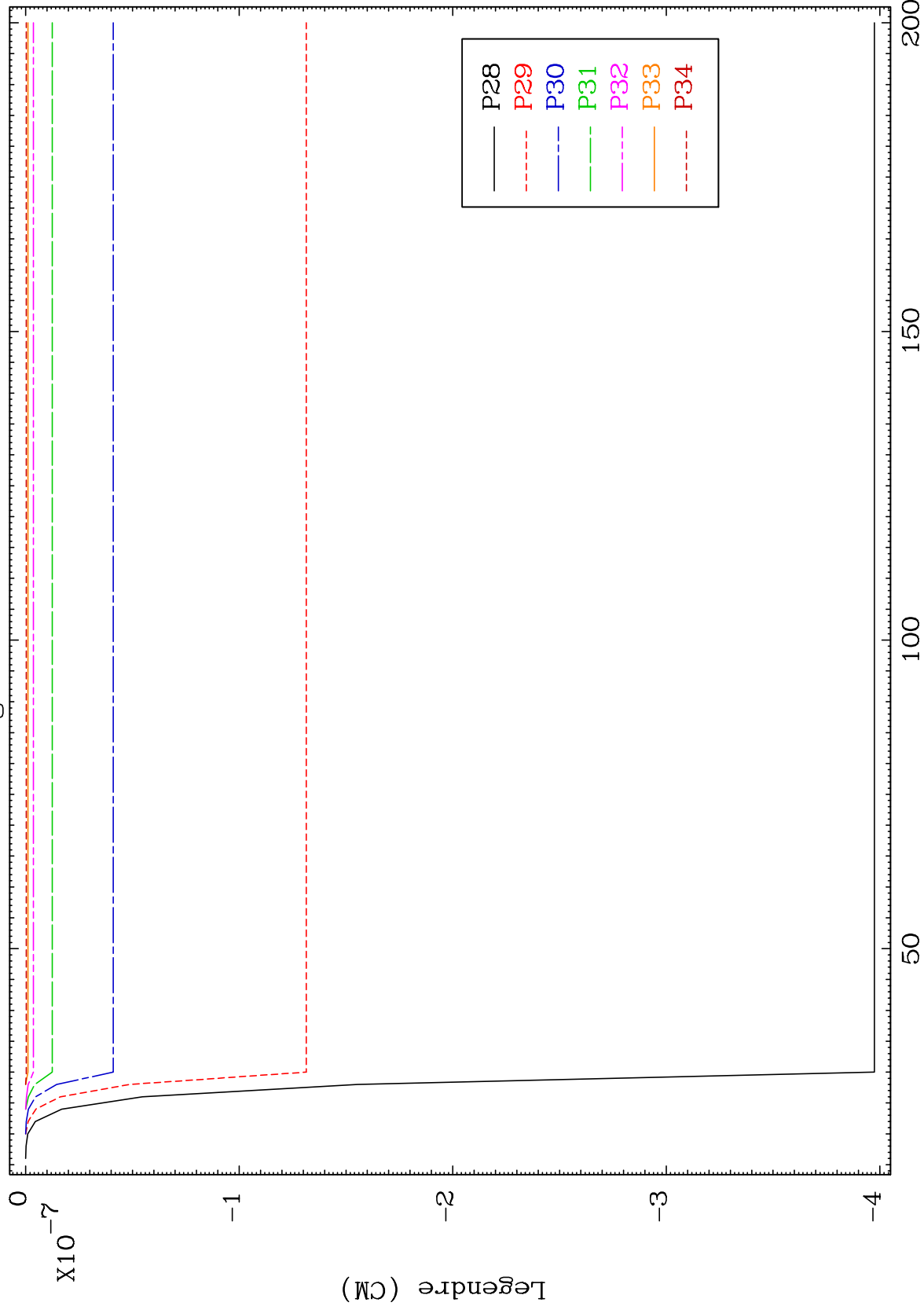


MAT 3916

MT= 77 (n,n') Level

39-Y -86

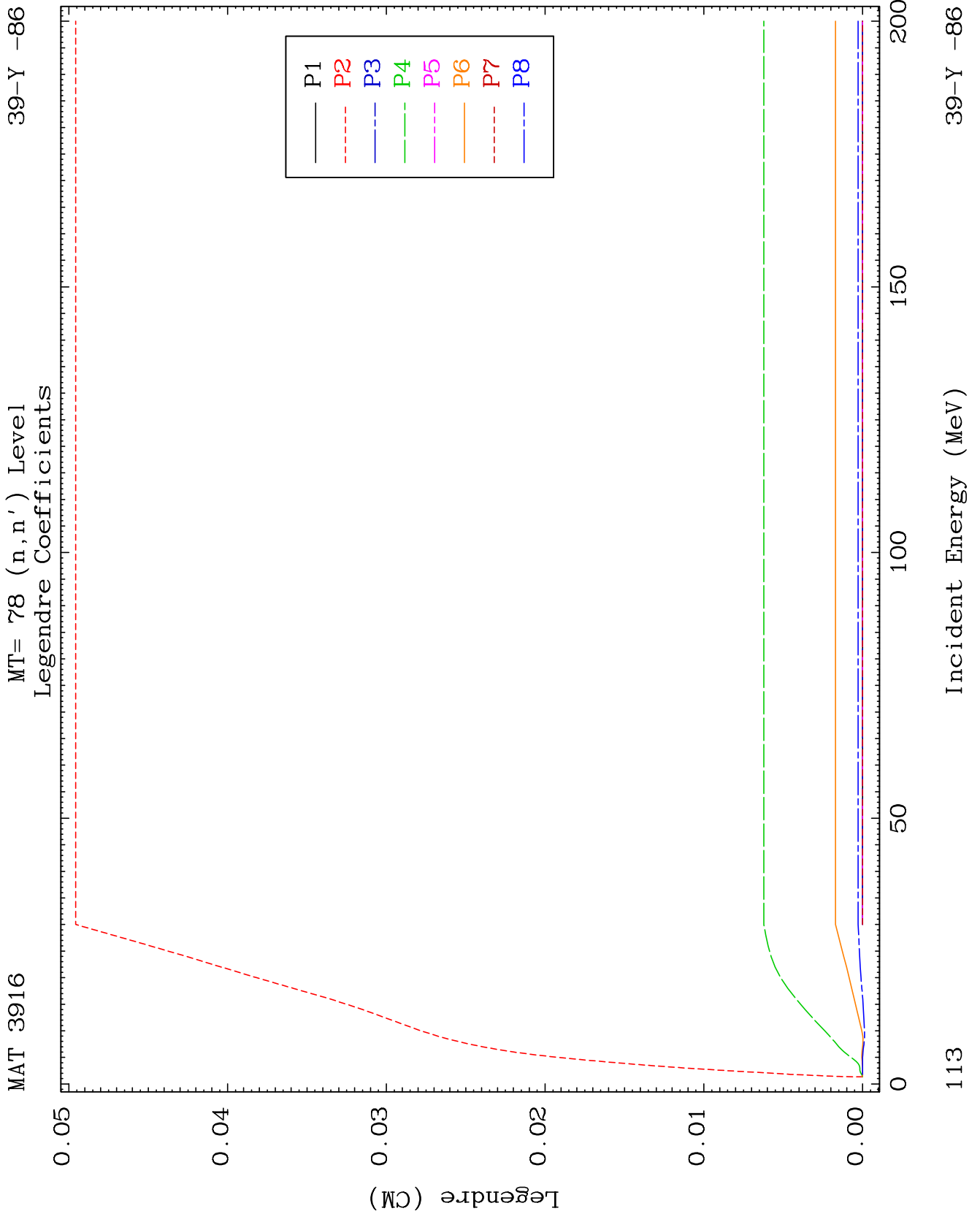
Legendre Coefficients



112

Incident Energy (MeV)

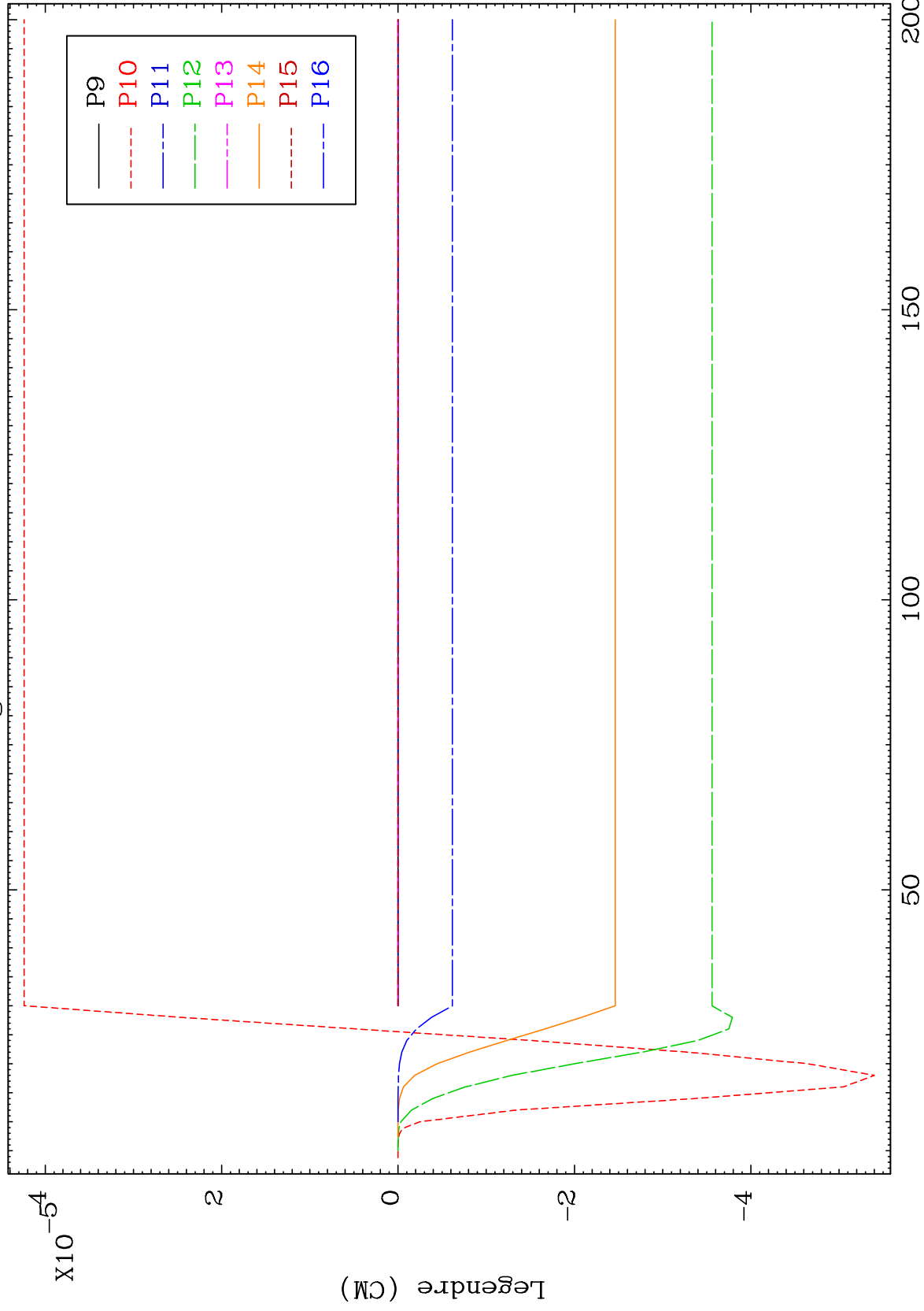
39-Y -86



MAT 3916

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

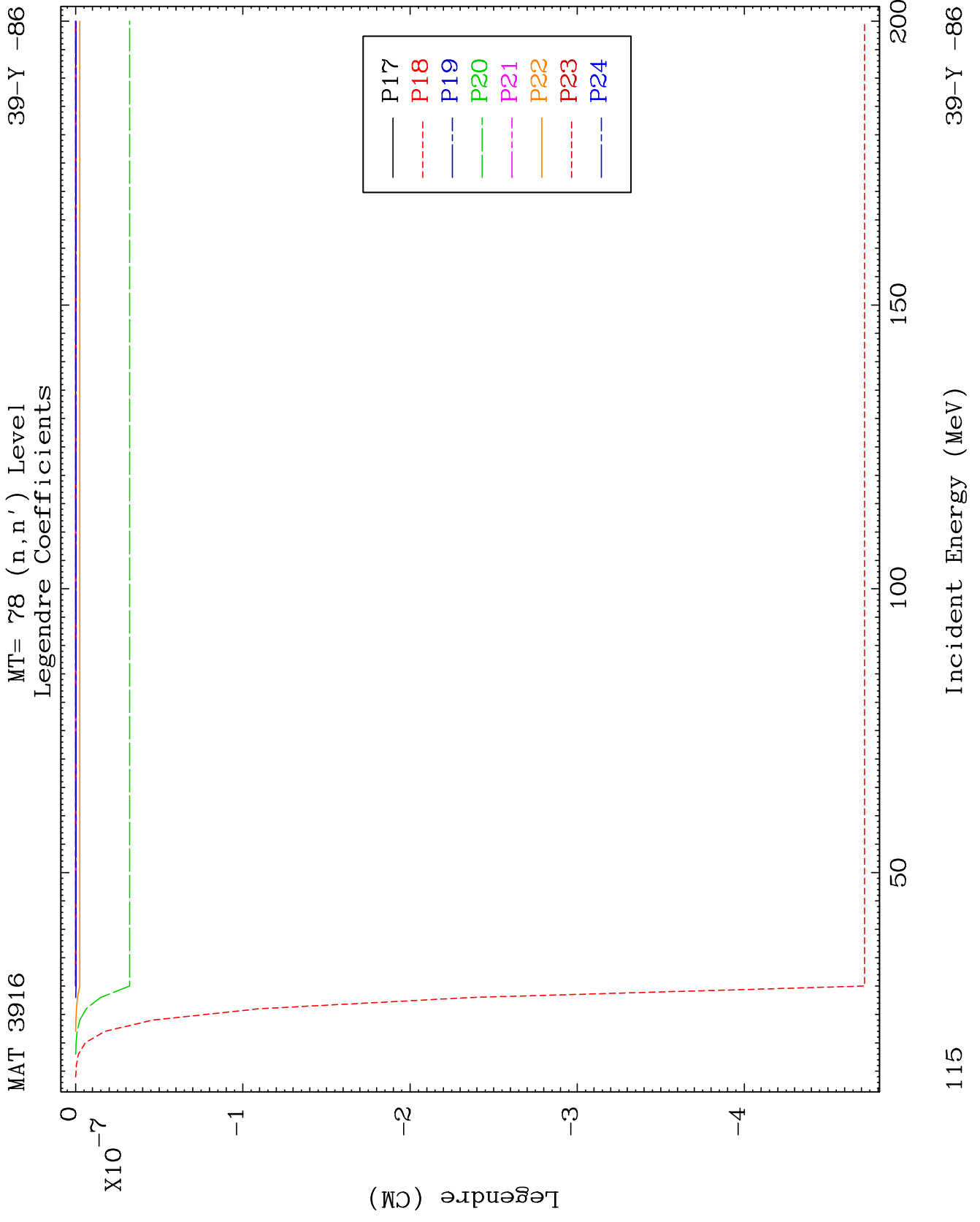
39-Y -86



114

Incident Energy (MeV)

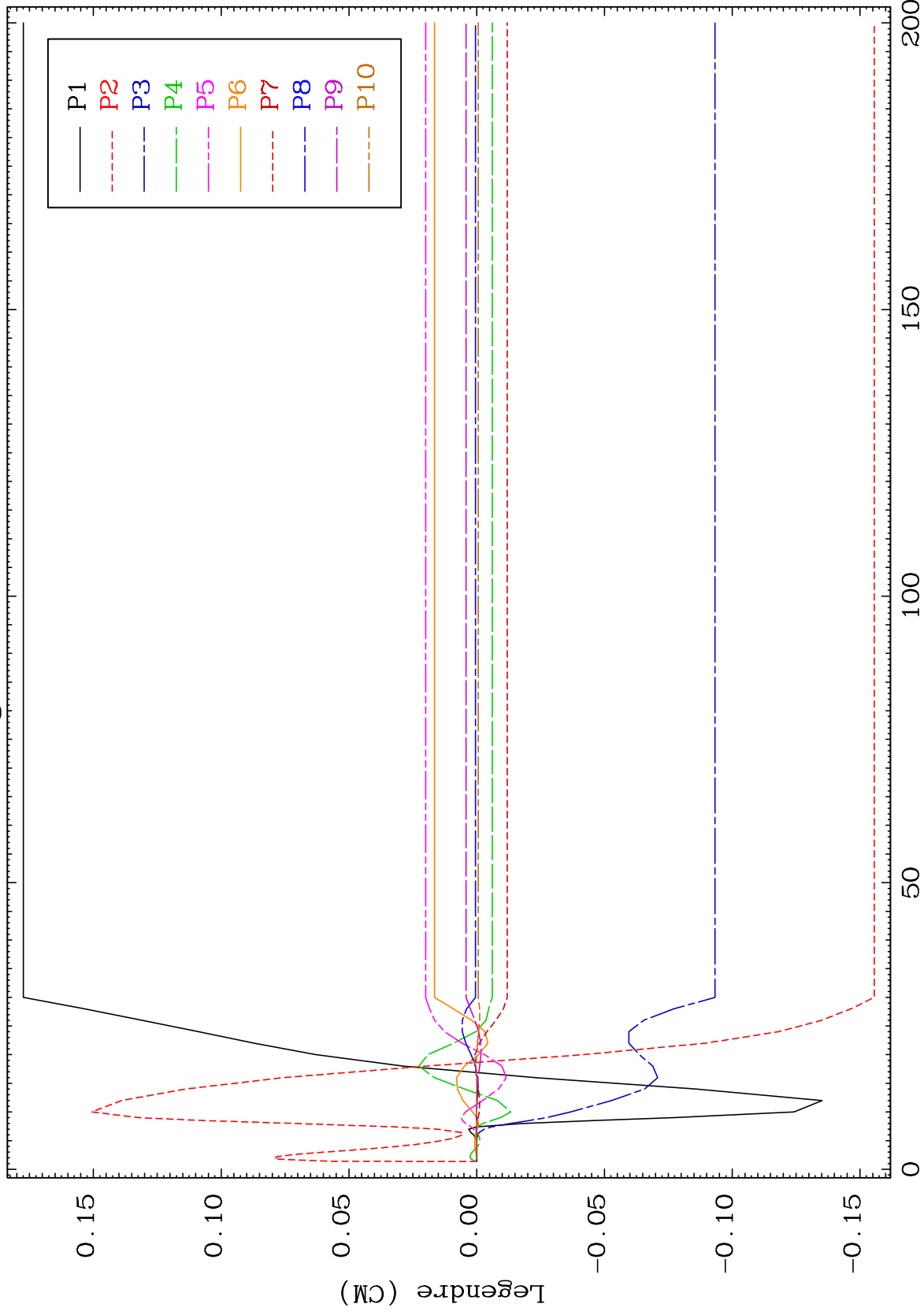
39-Y -86



MAT 3916

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

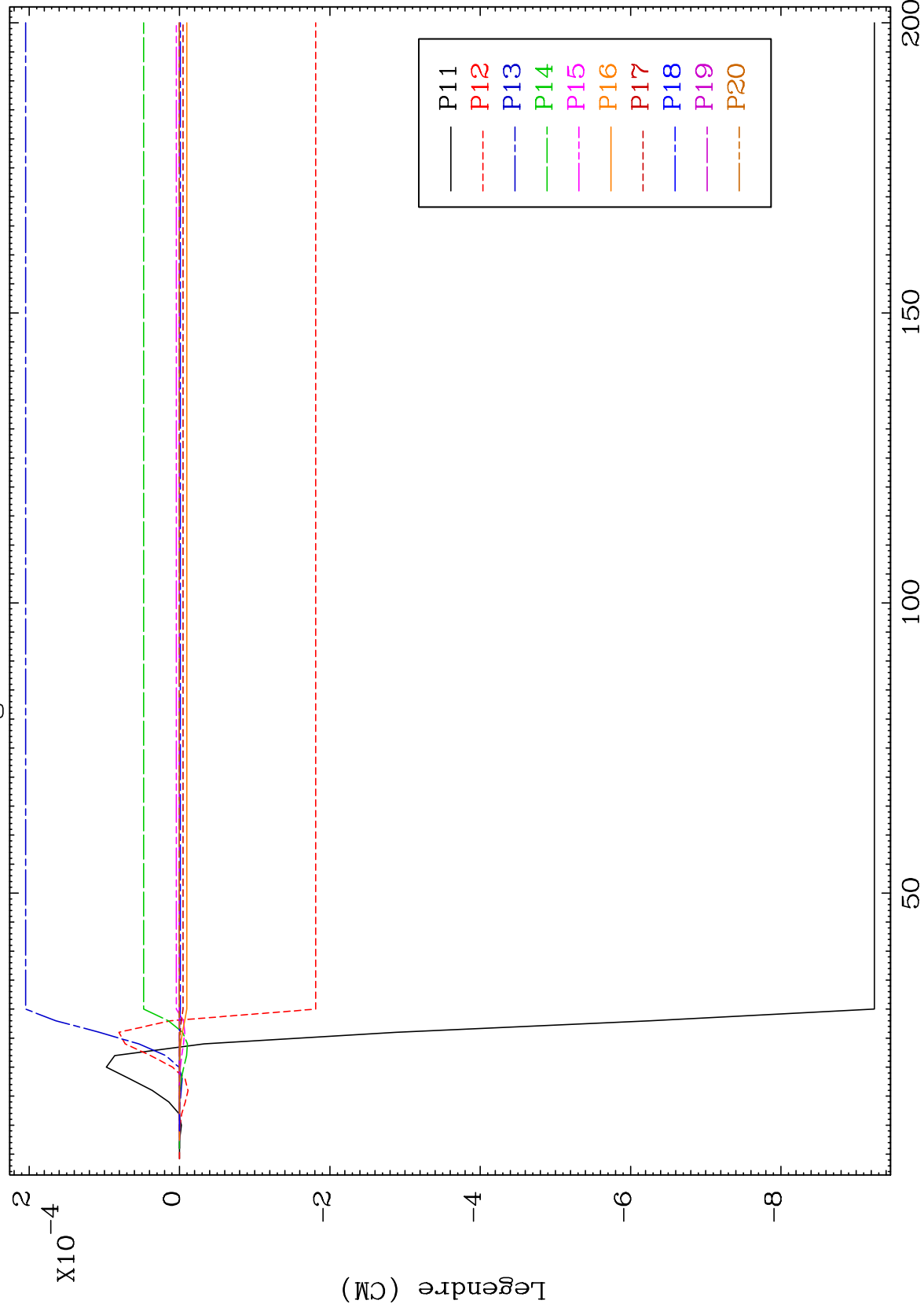
39-Y -86



116

Incident Energy (MeV)

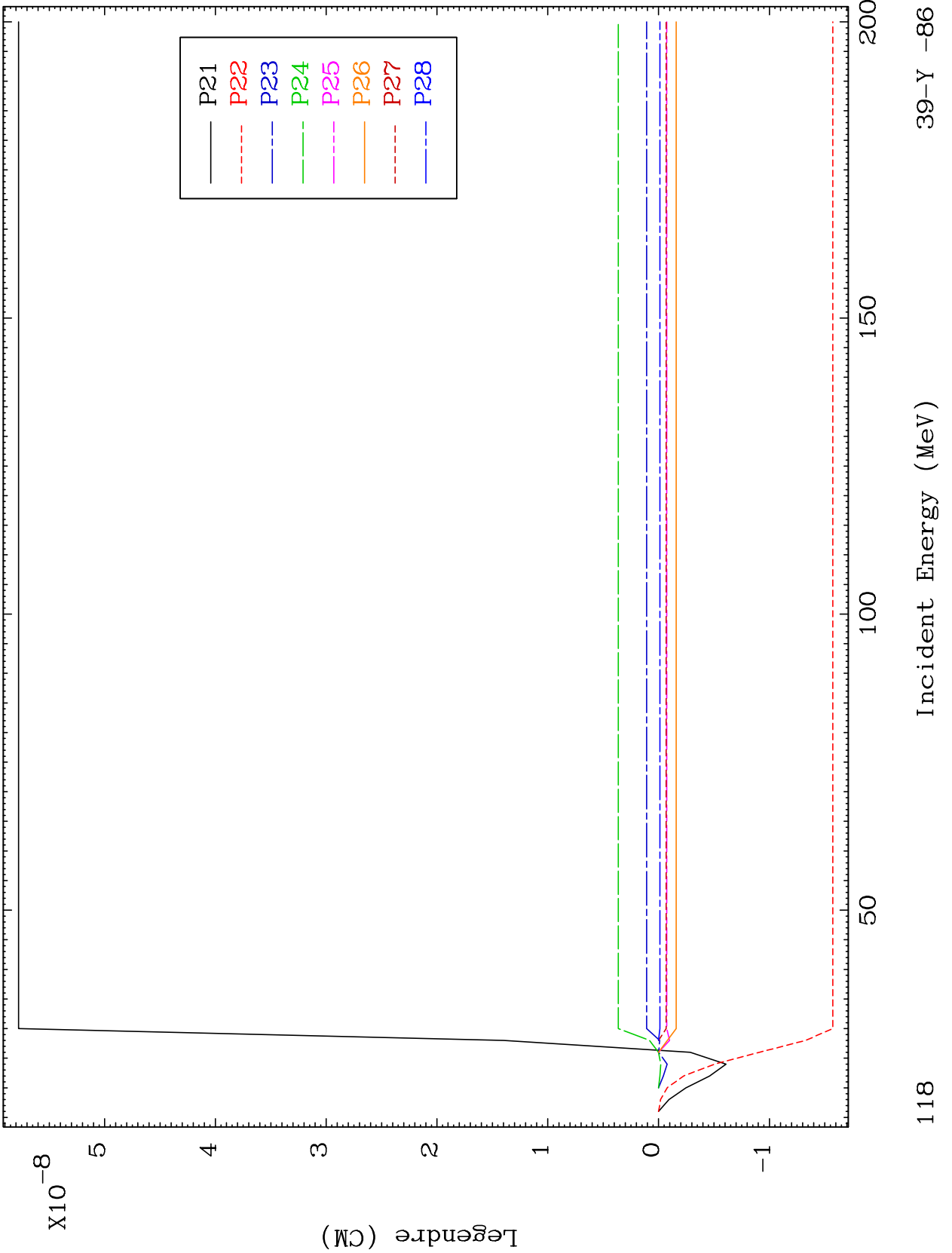
39-Y -86



MAT 3916

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

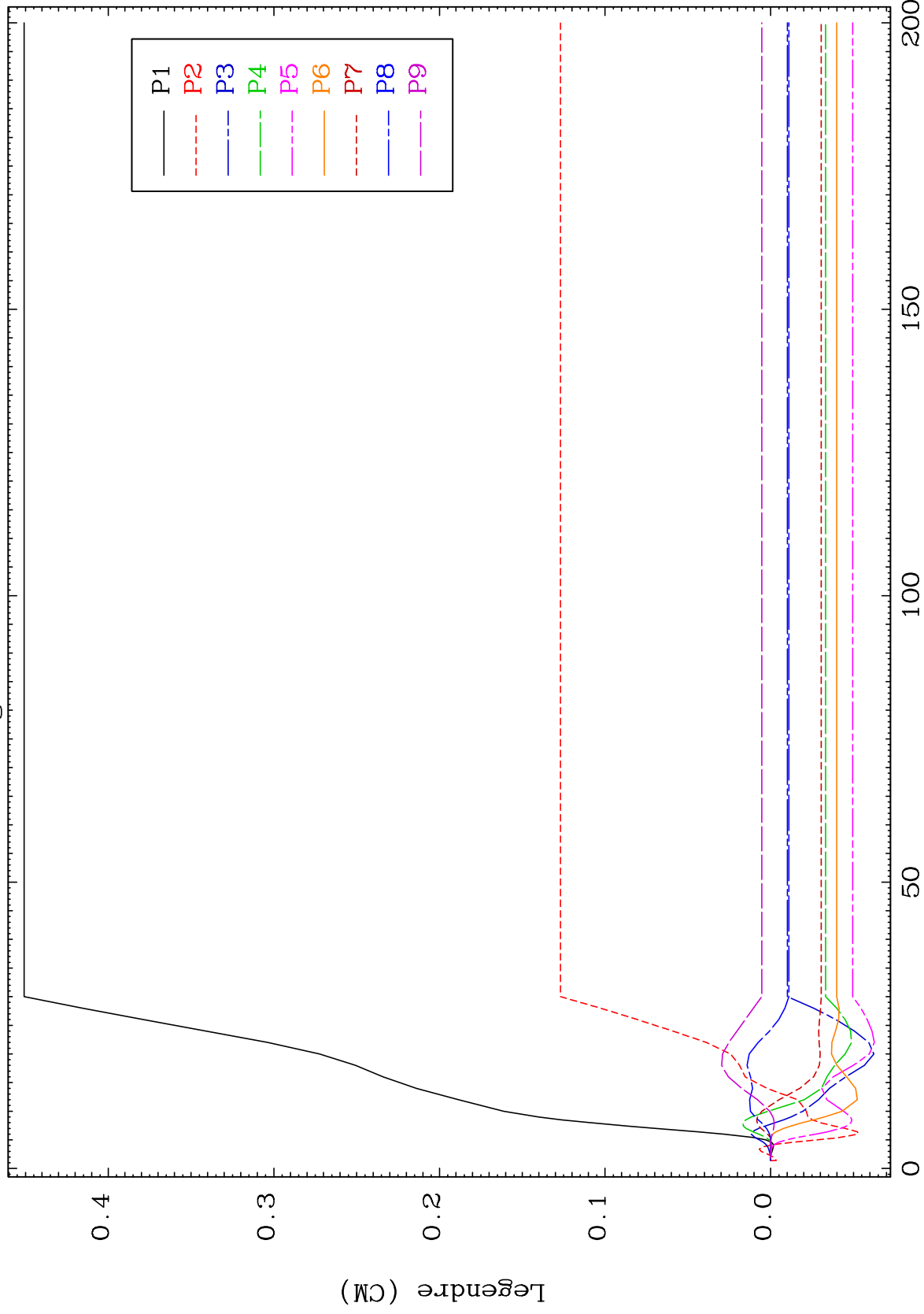
39-Y -86



MAT 3916

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

39-Y -86



119

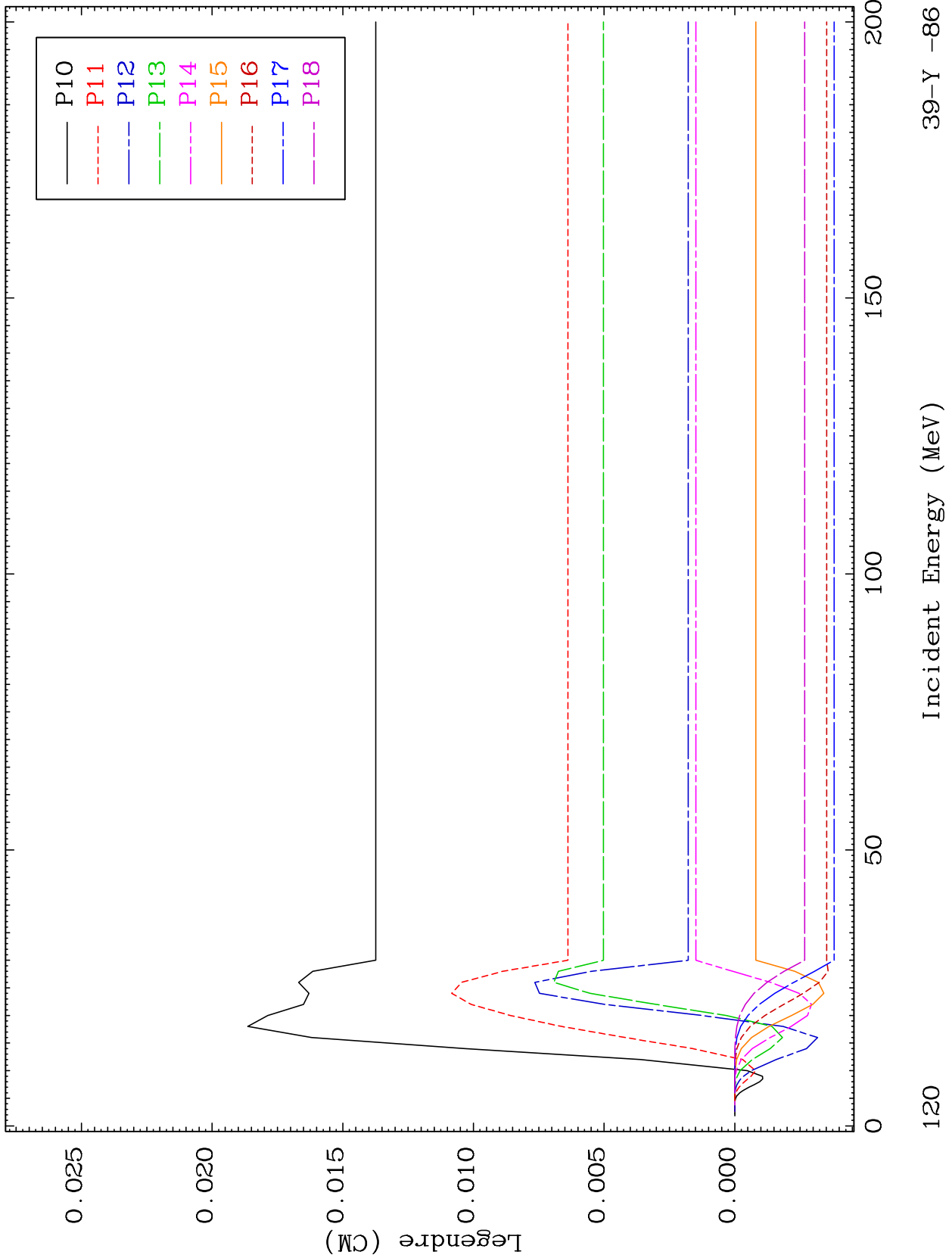
Incident Energy (MeV)

39-Y -86

MAT 3916

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

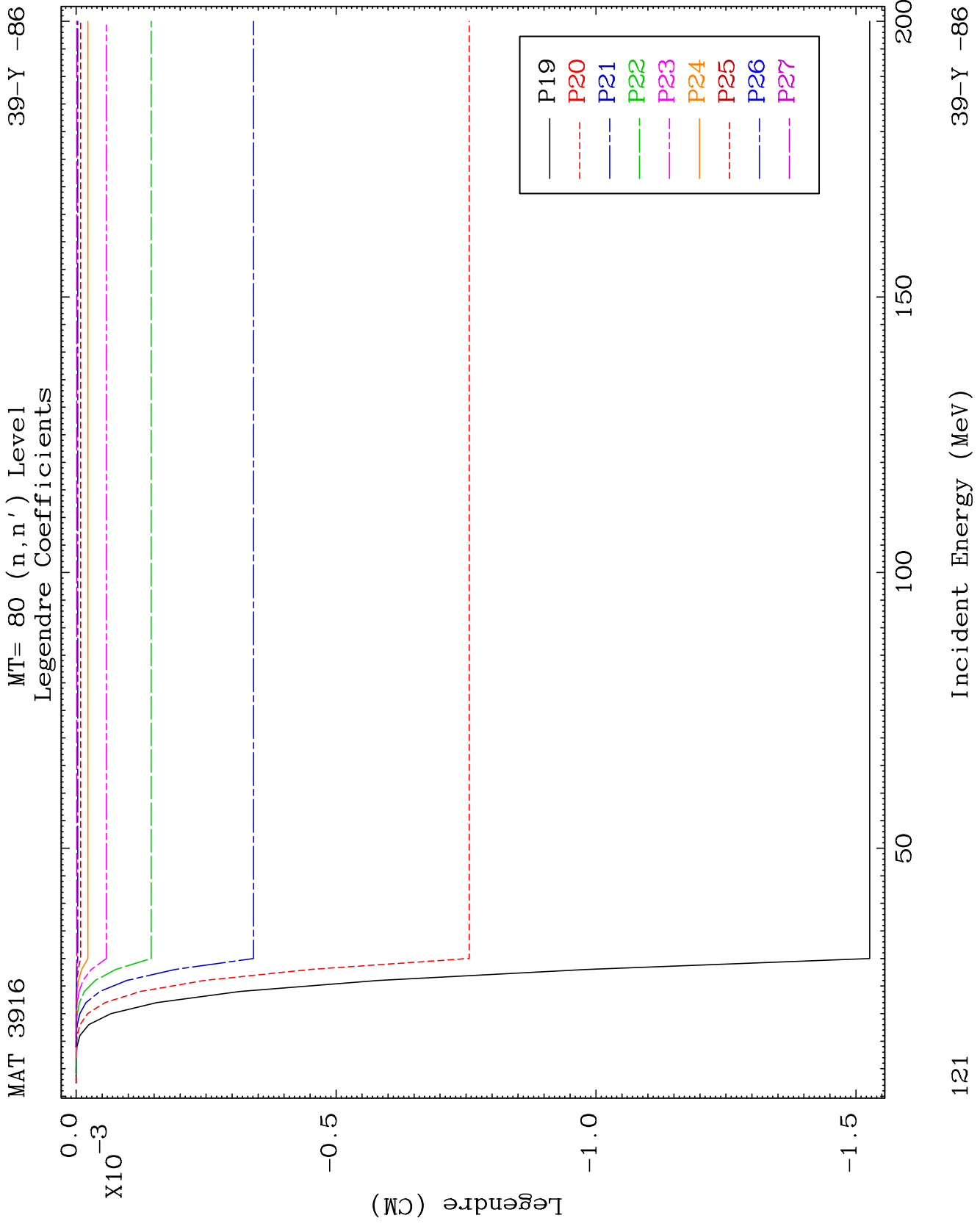
39-Y -86

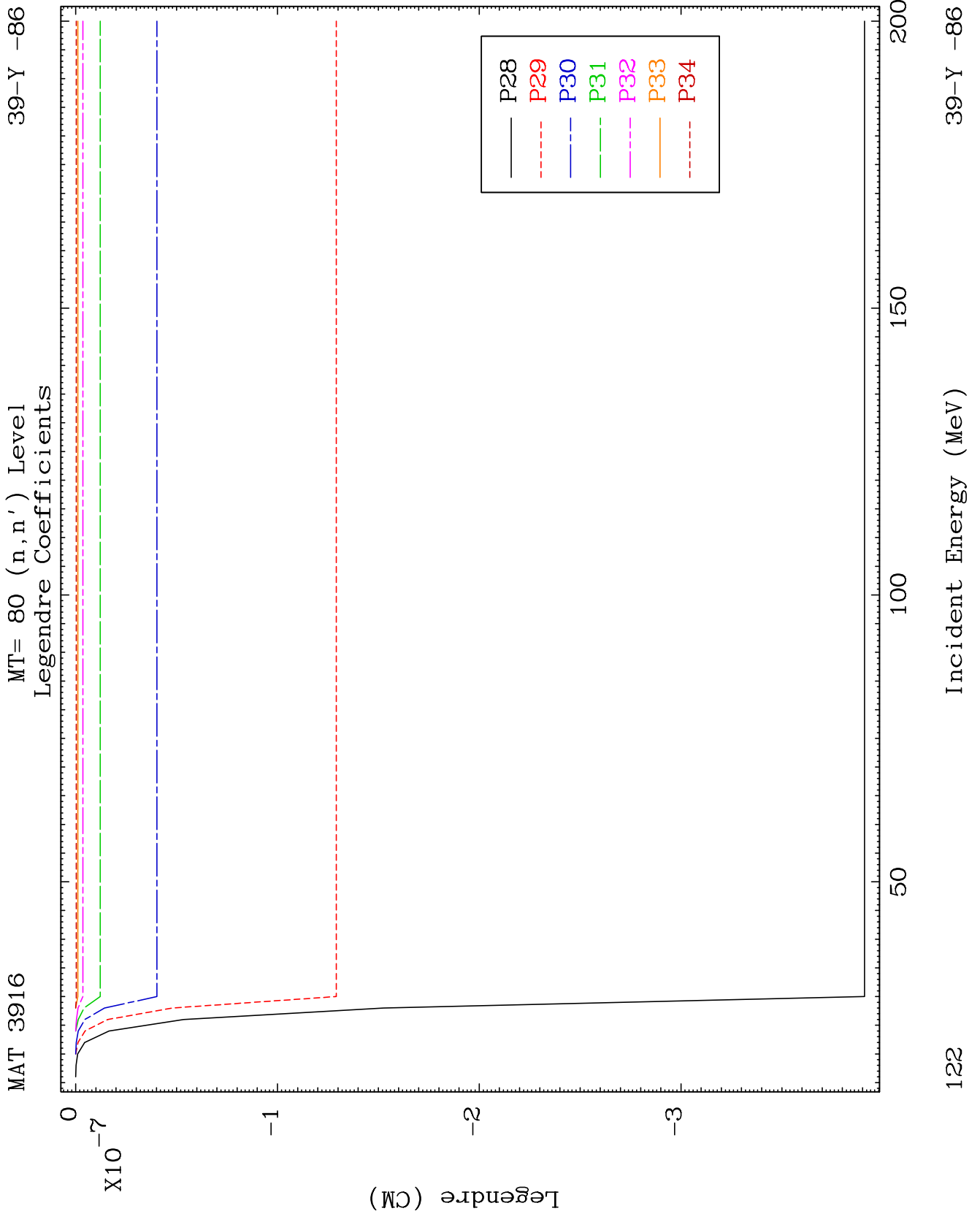


39-Y -86

Incident Energy (MeV)

120

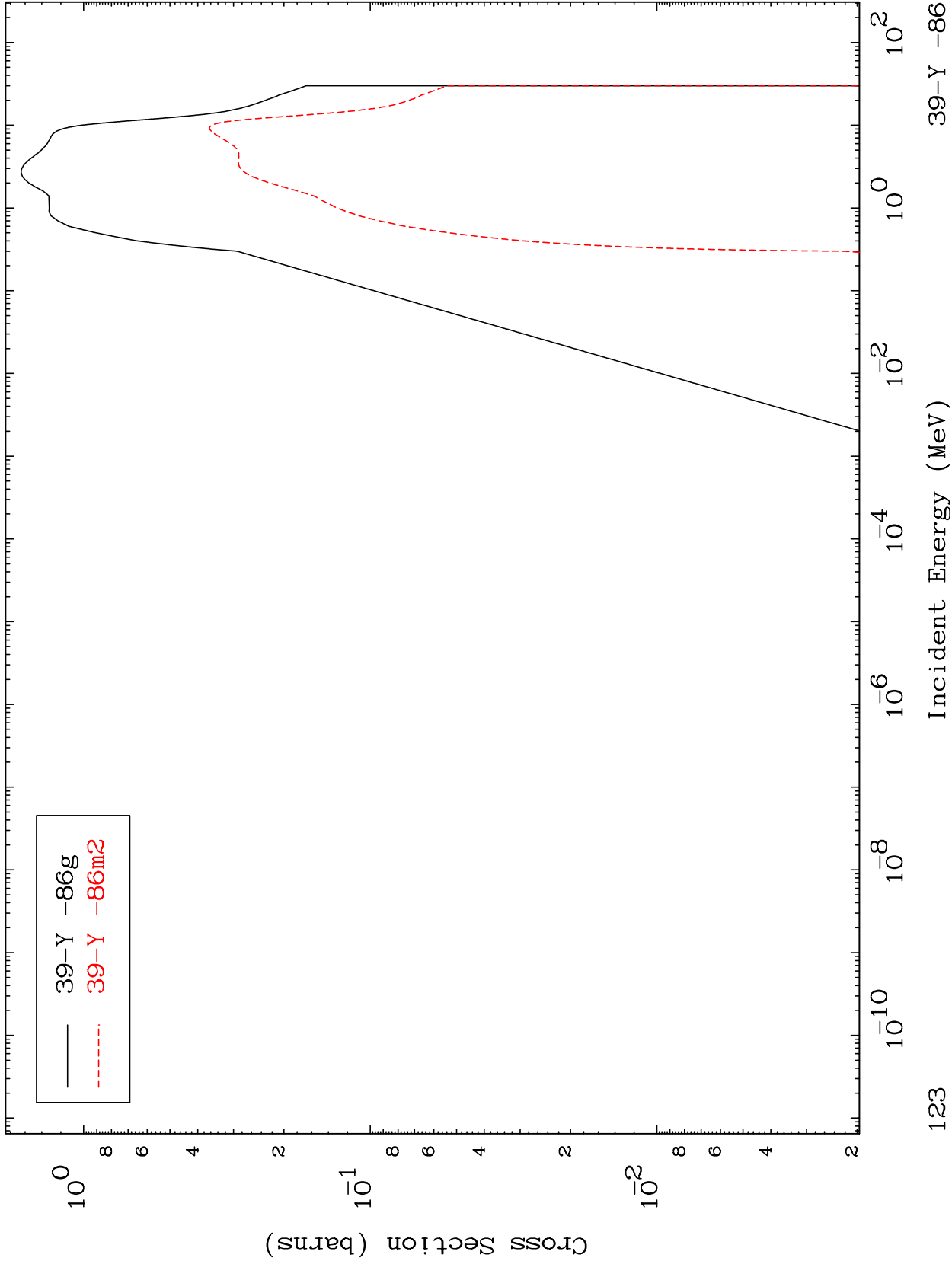




MAT 3916

Inelastic
Radionuclide Production Cross Section

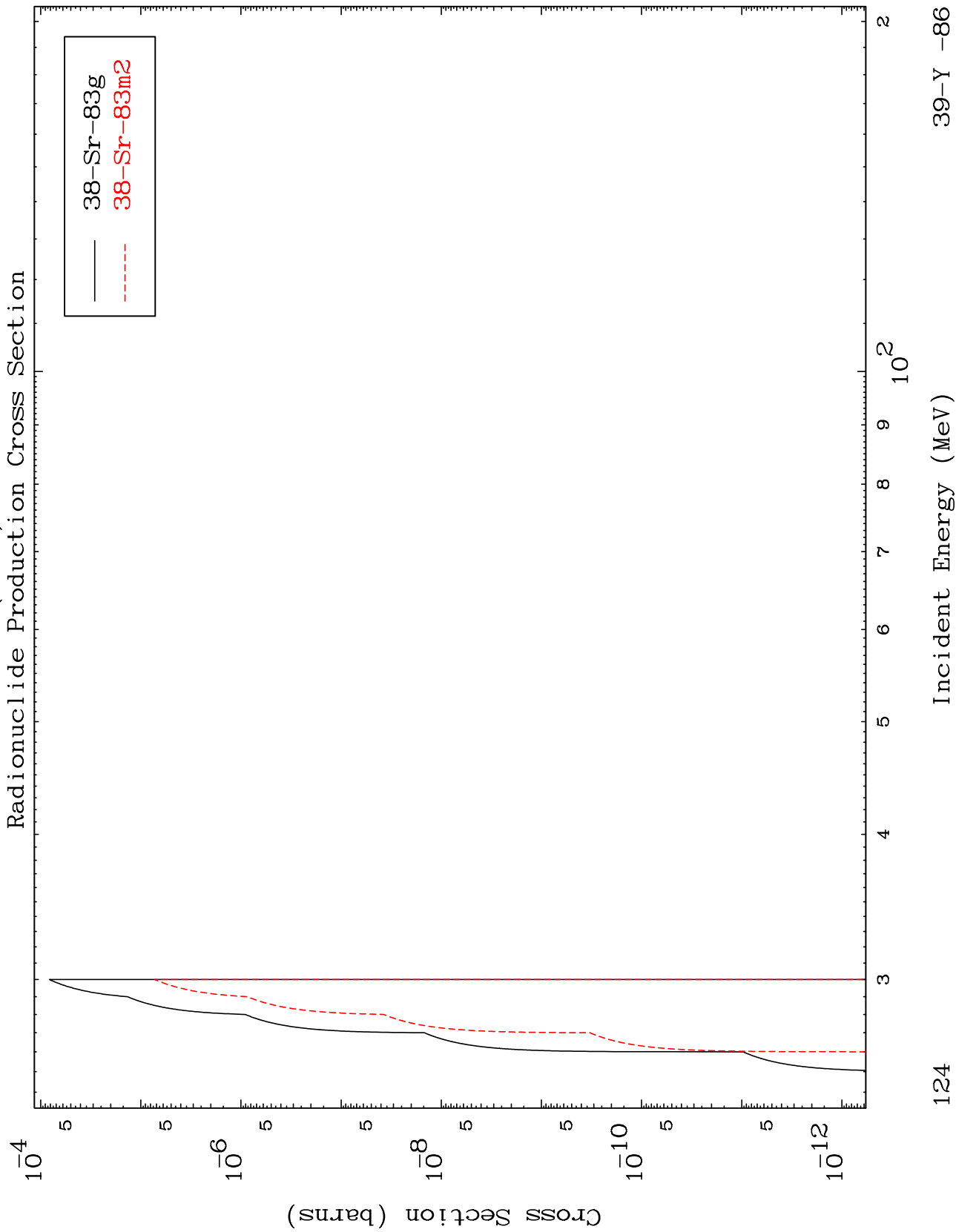
39-Y -86



MAT 3916

(n,2n) d

39-Y -86



124

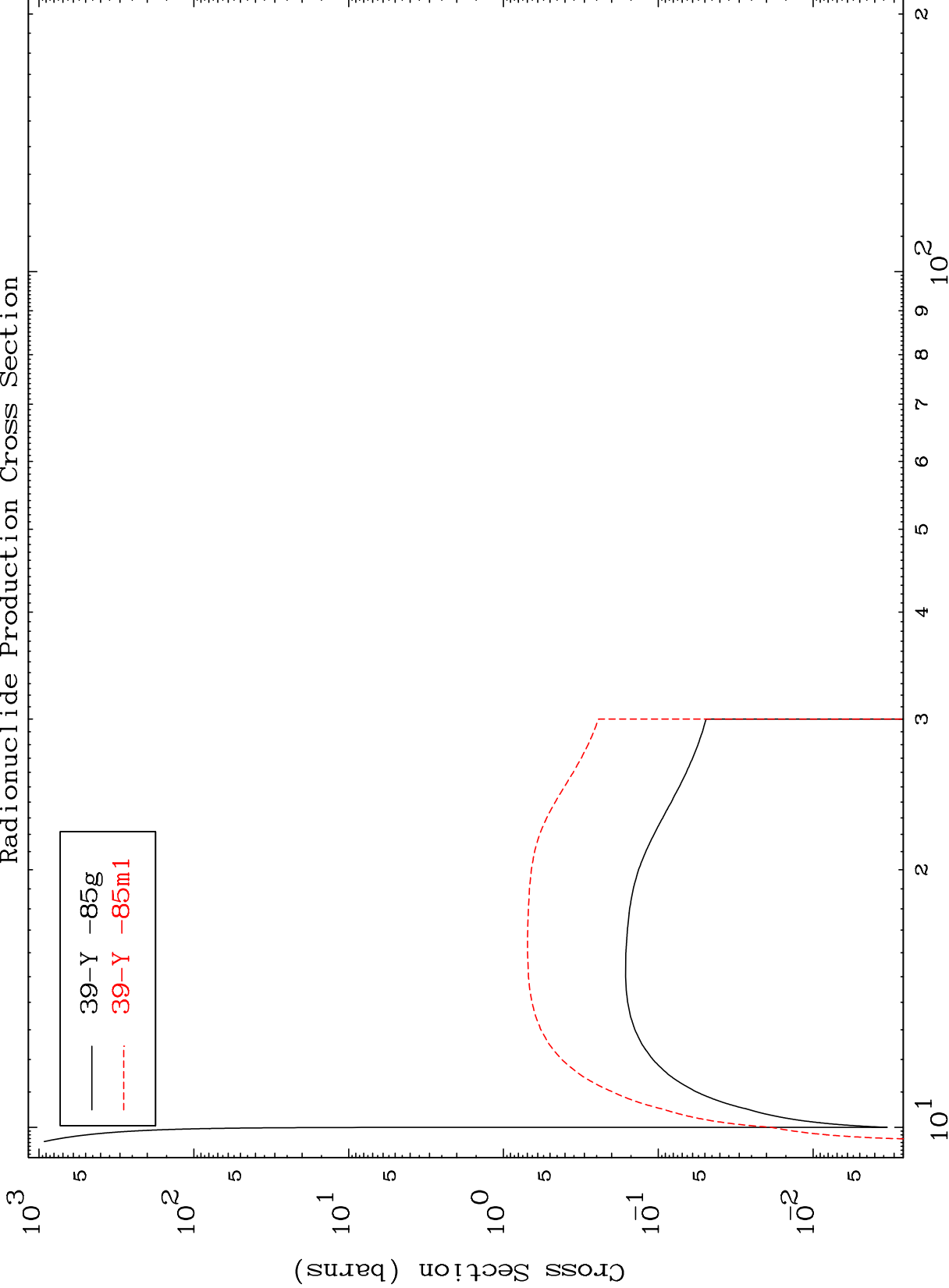
39-Y -86

MAT 3916

(n,2n)

39-Y -86

Radionuclide Production Cross Section

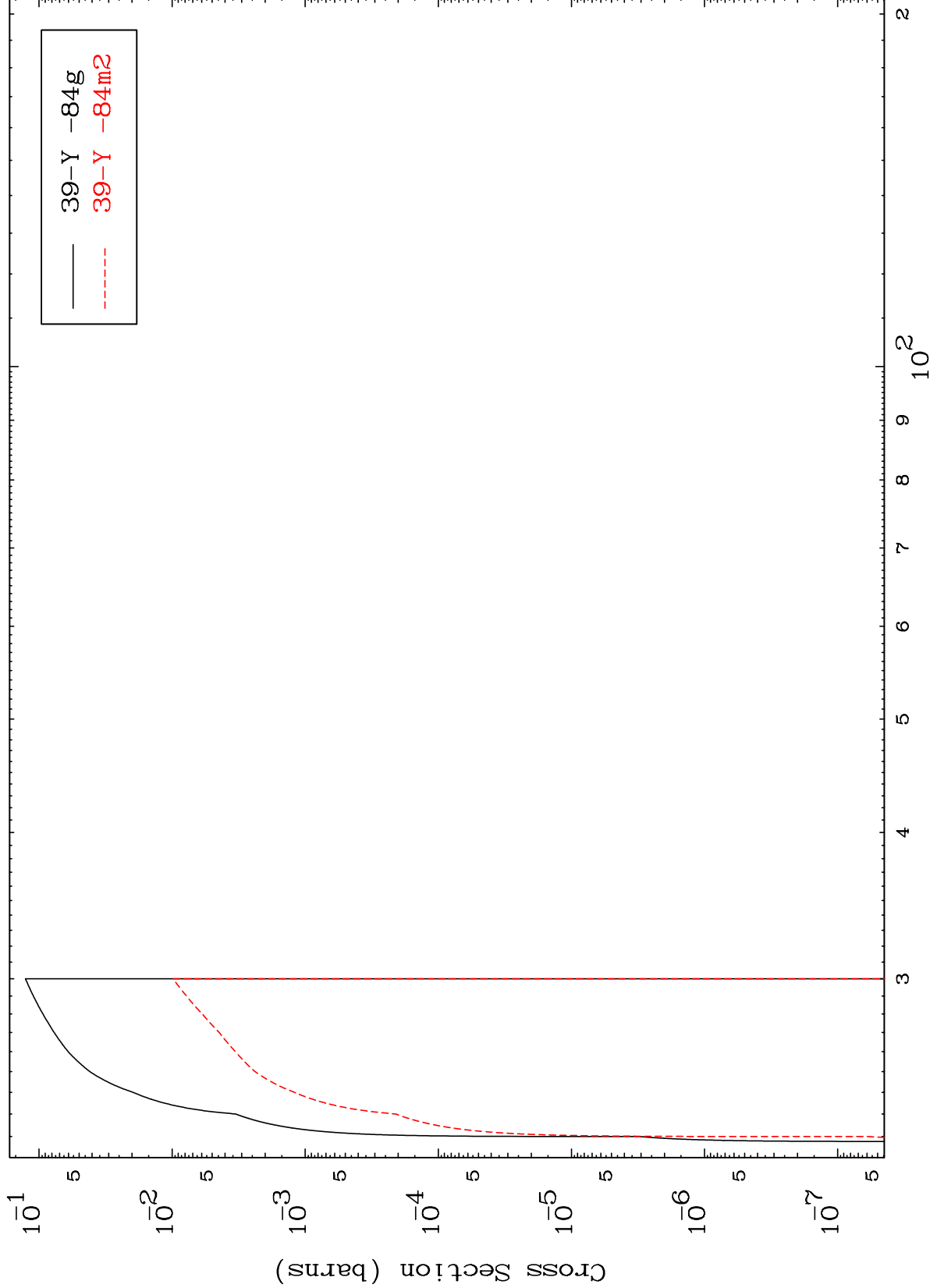


39-Y -85g
39-Y -85m1

Incident Energy (MeV)

39-Y -86

Radionuclide Production Cross Section
(n,3n)

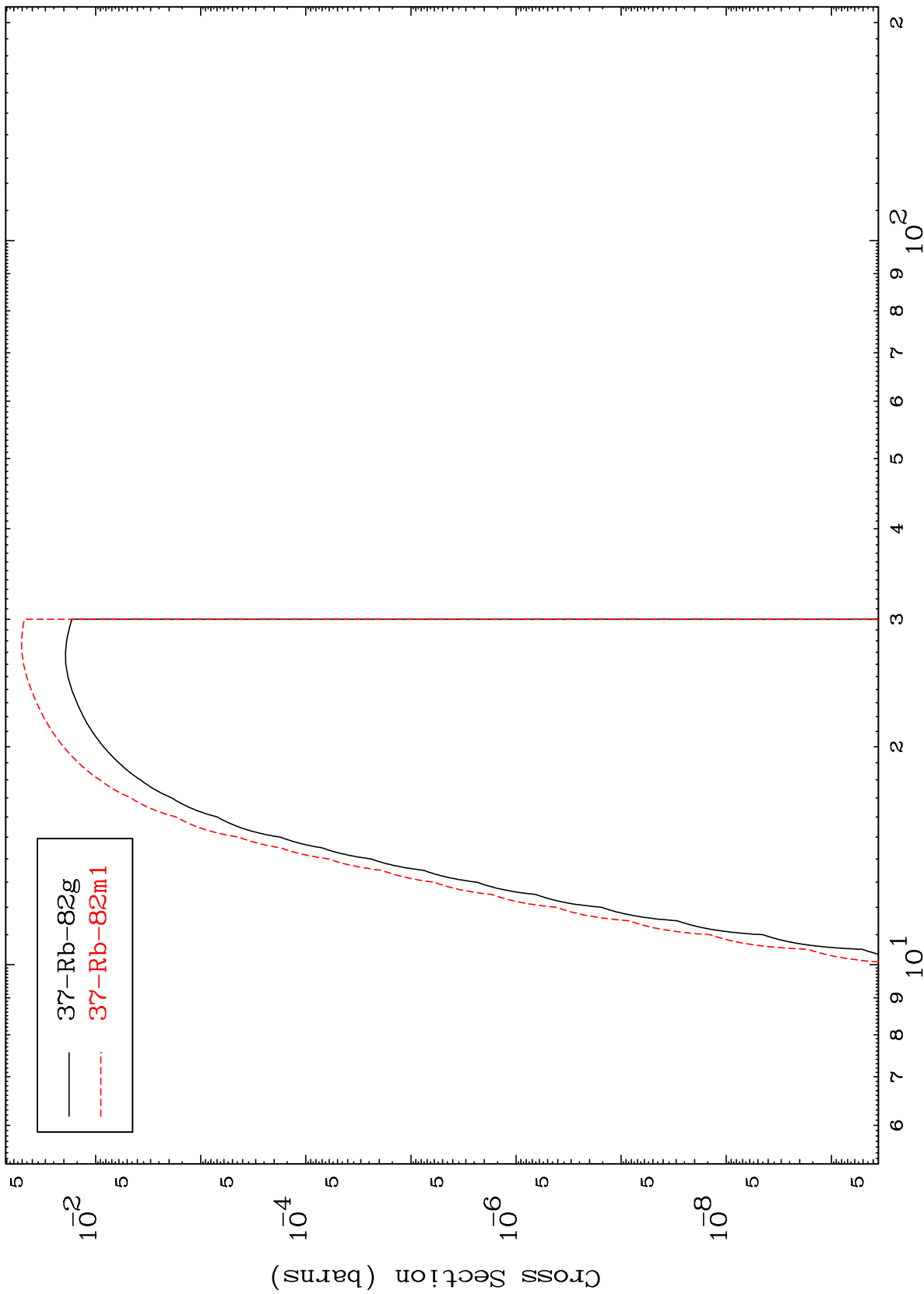


MAT 3916

(n,n') α

39-Y -86

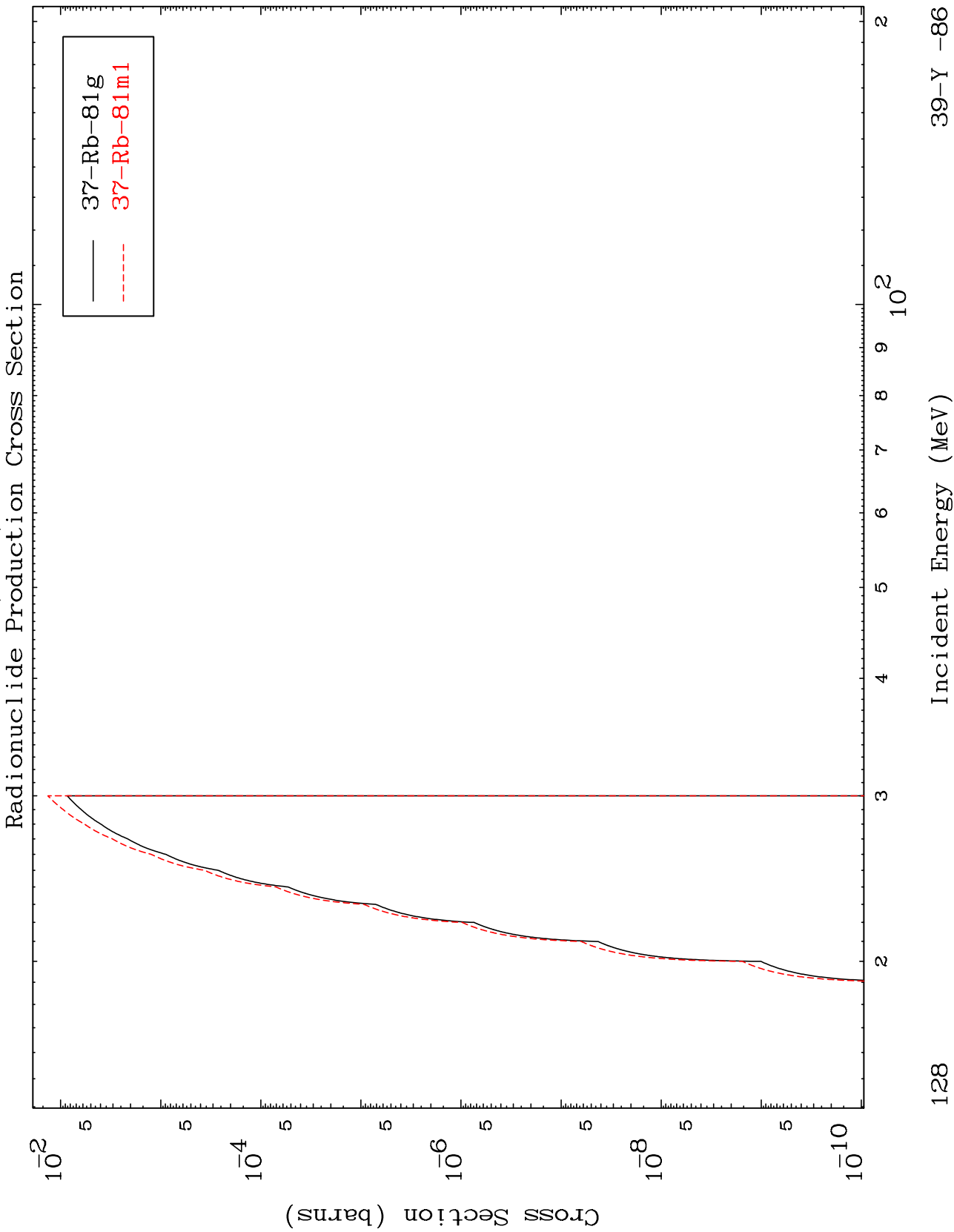
Radionuclide Production Cross Section



127

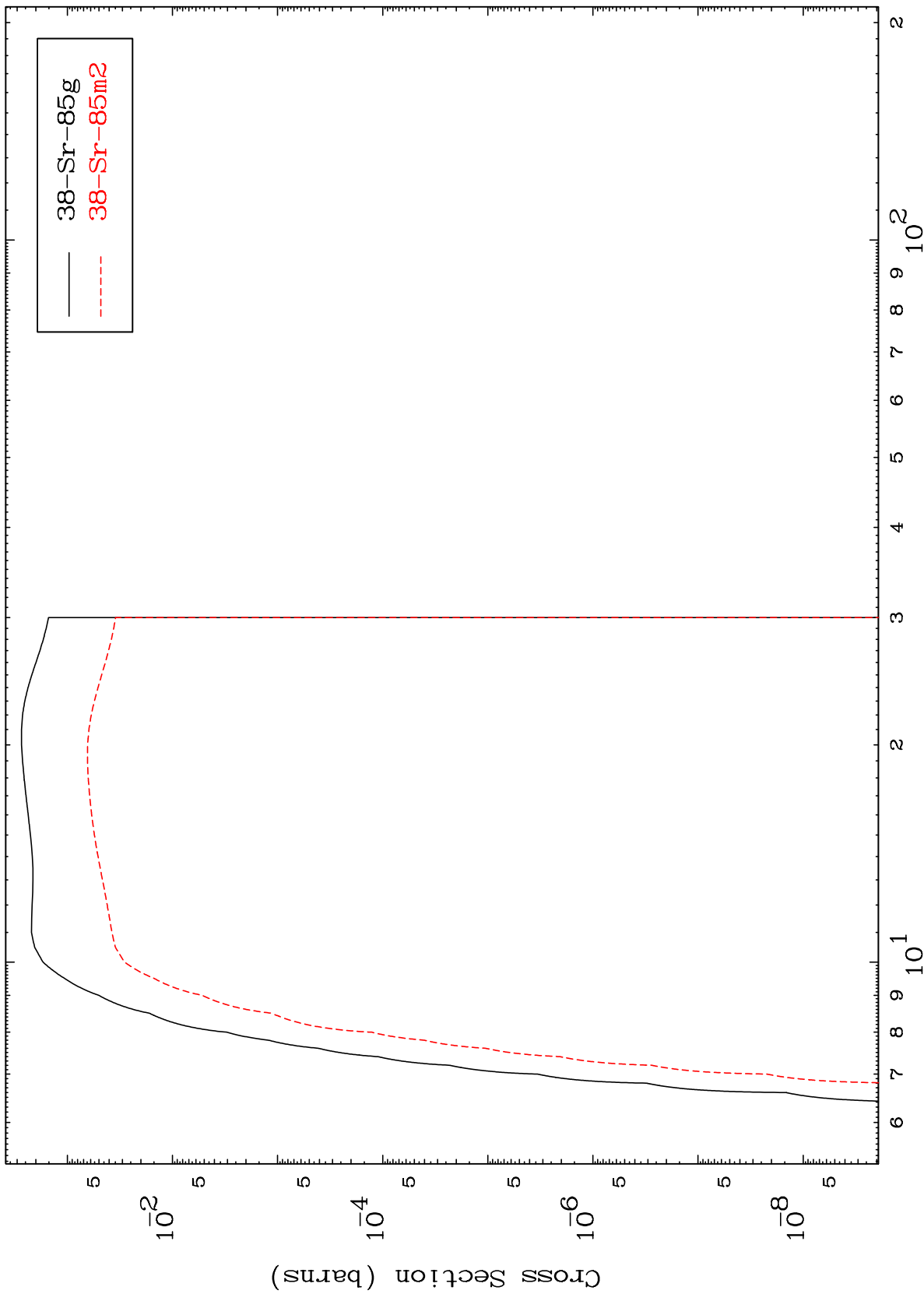
Incident Energy (MeV)

39-Y -86

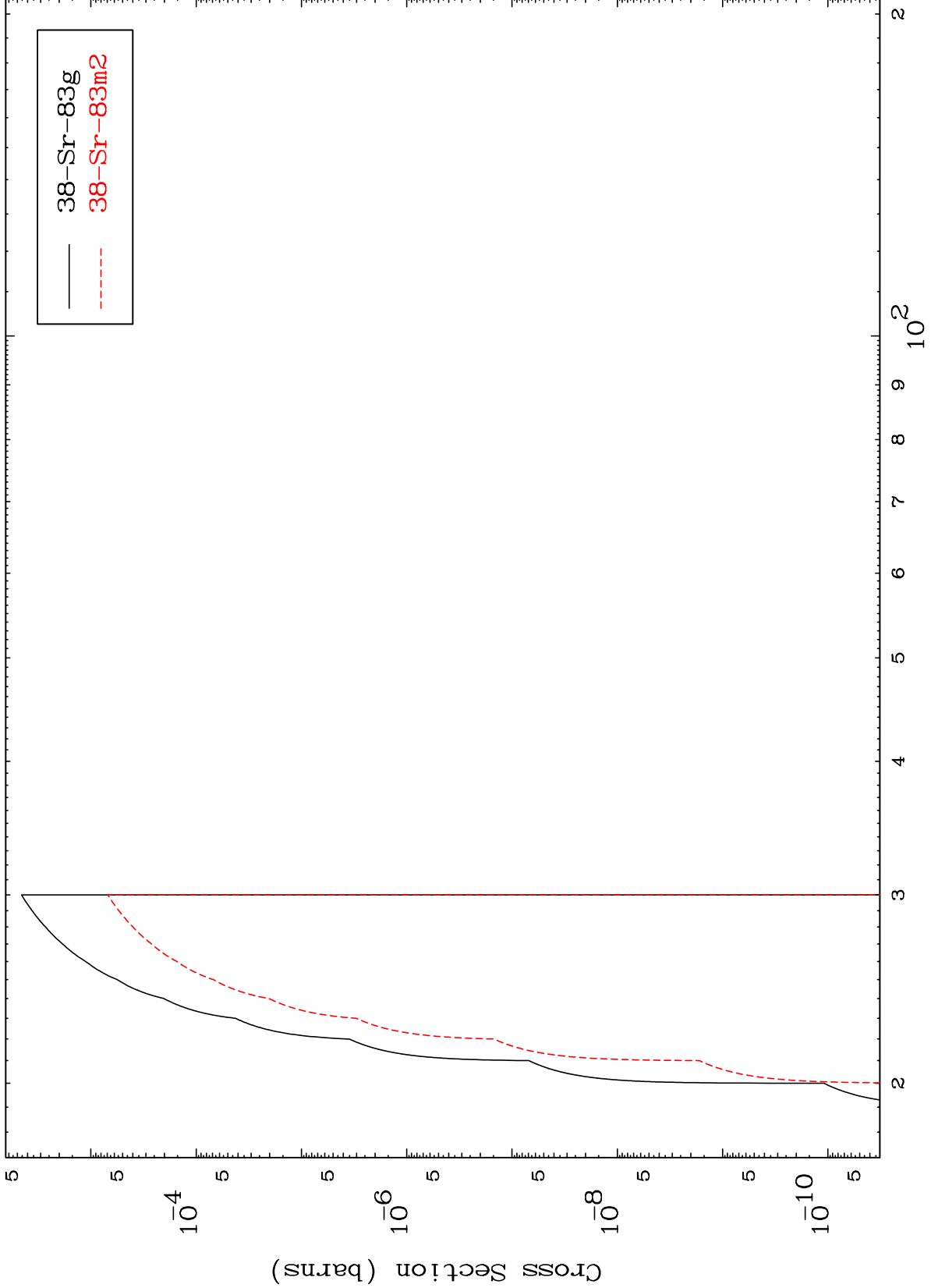


(n,n') p

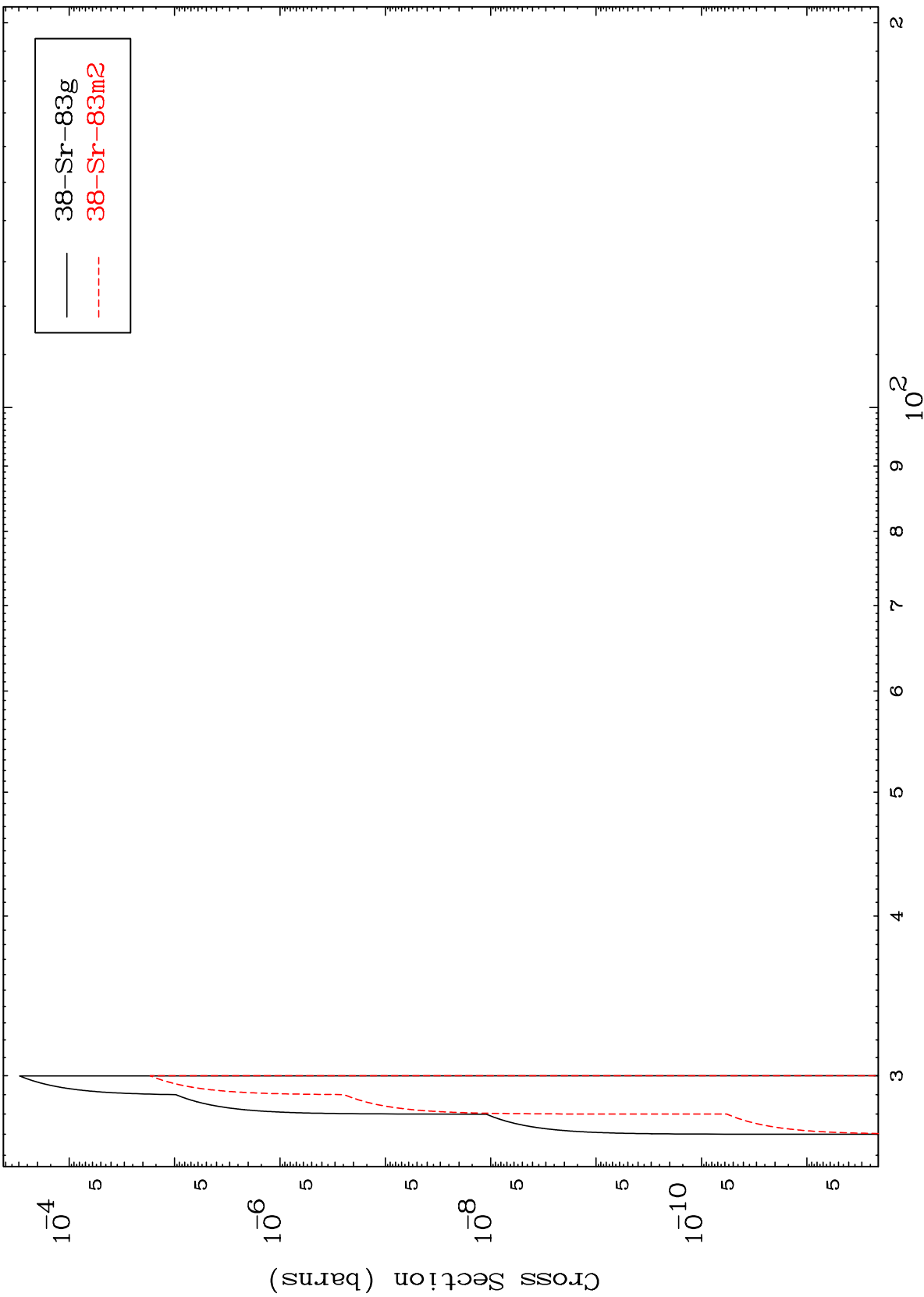
Radionuclide Production Cross Section

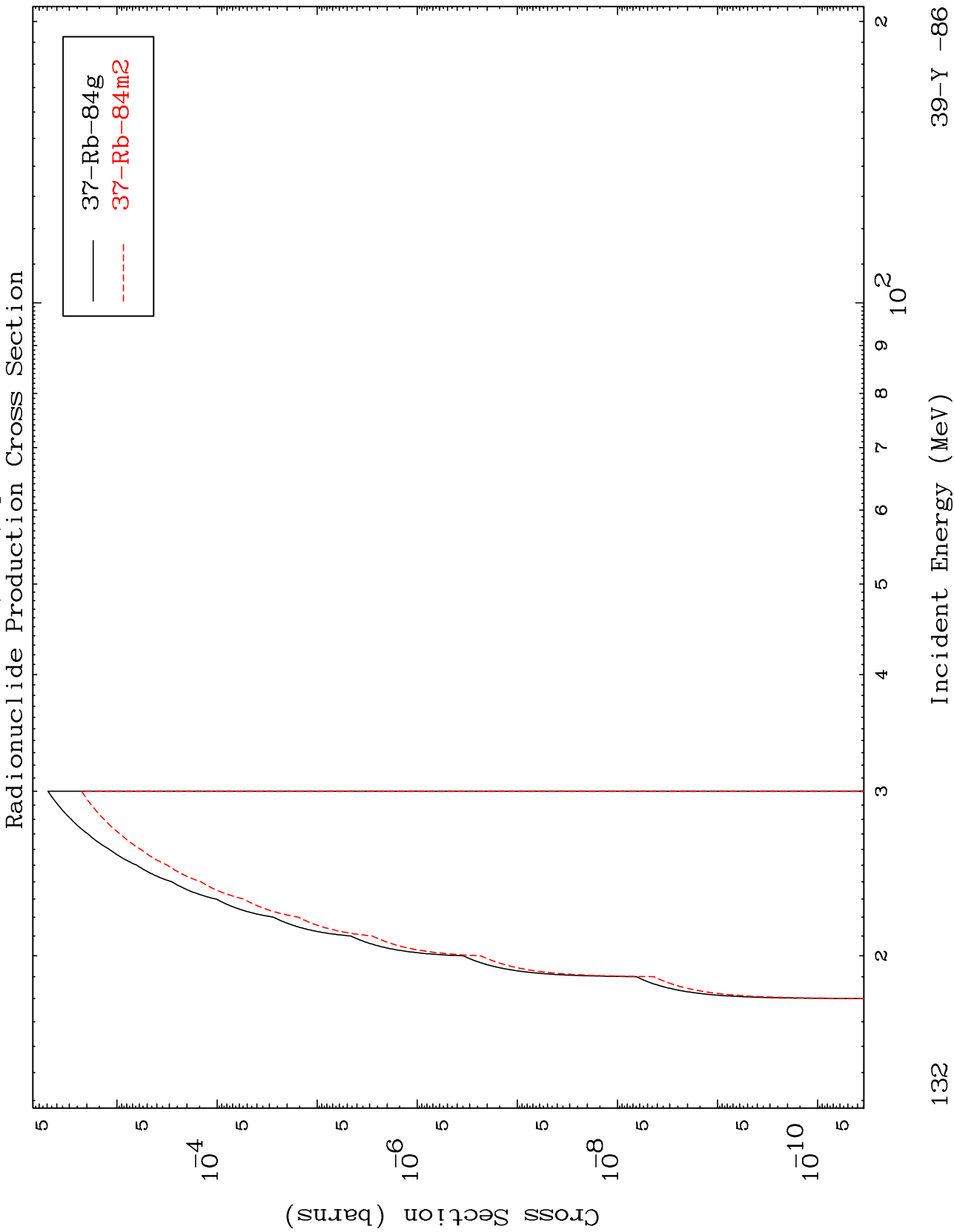


Radionuclide Production Cross Section

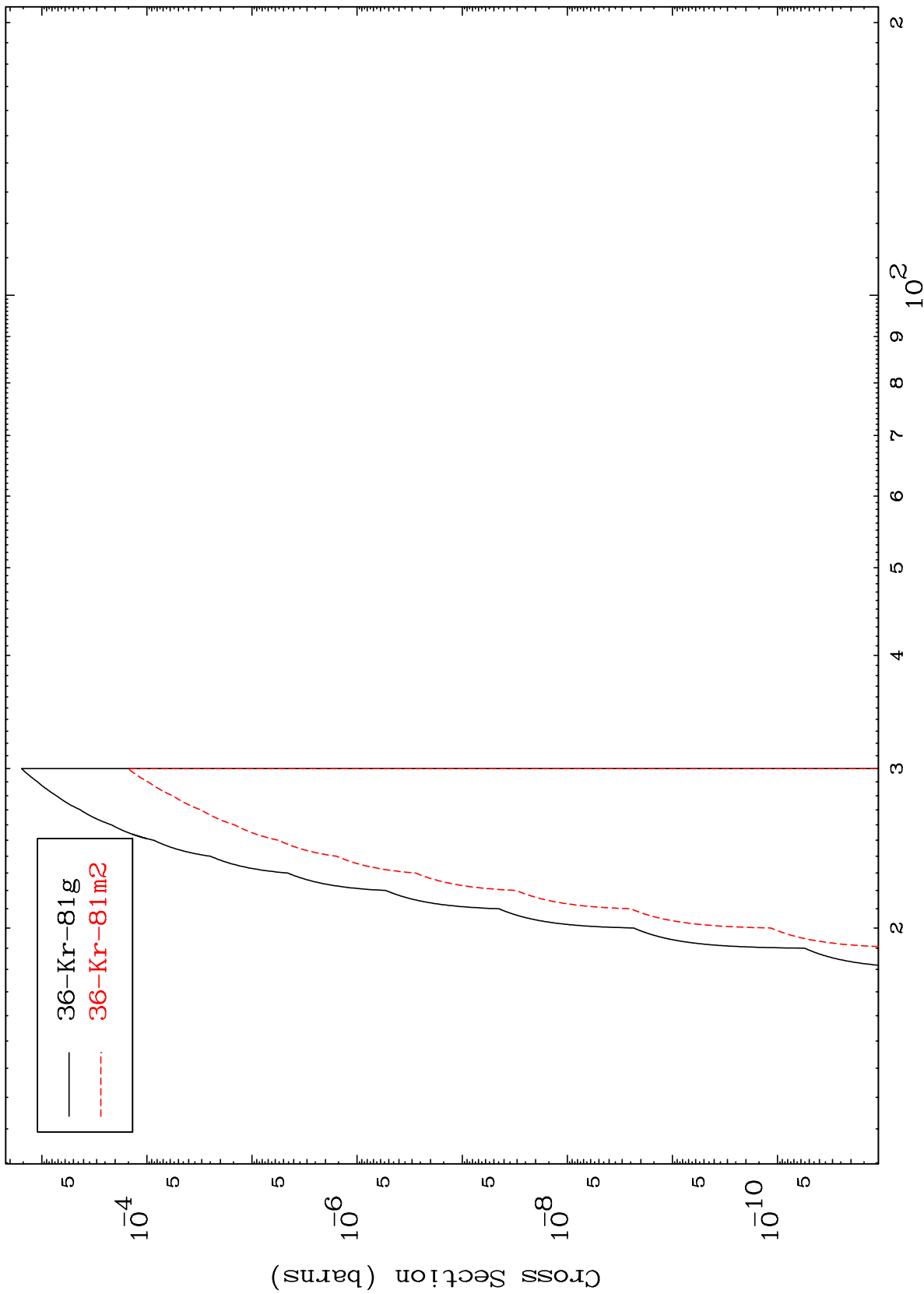


Radionuclide Production Cross Section

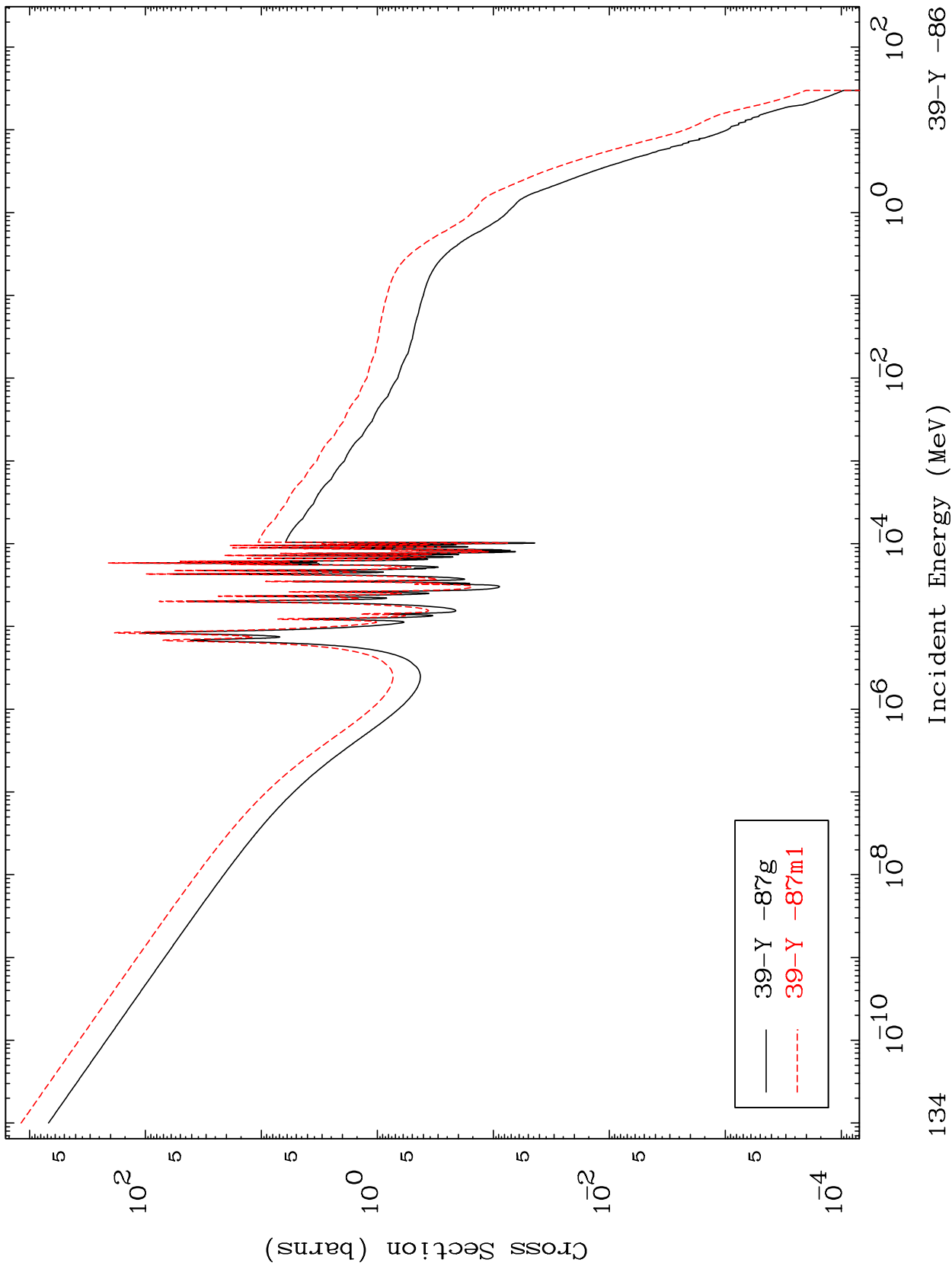




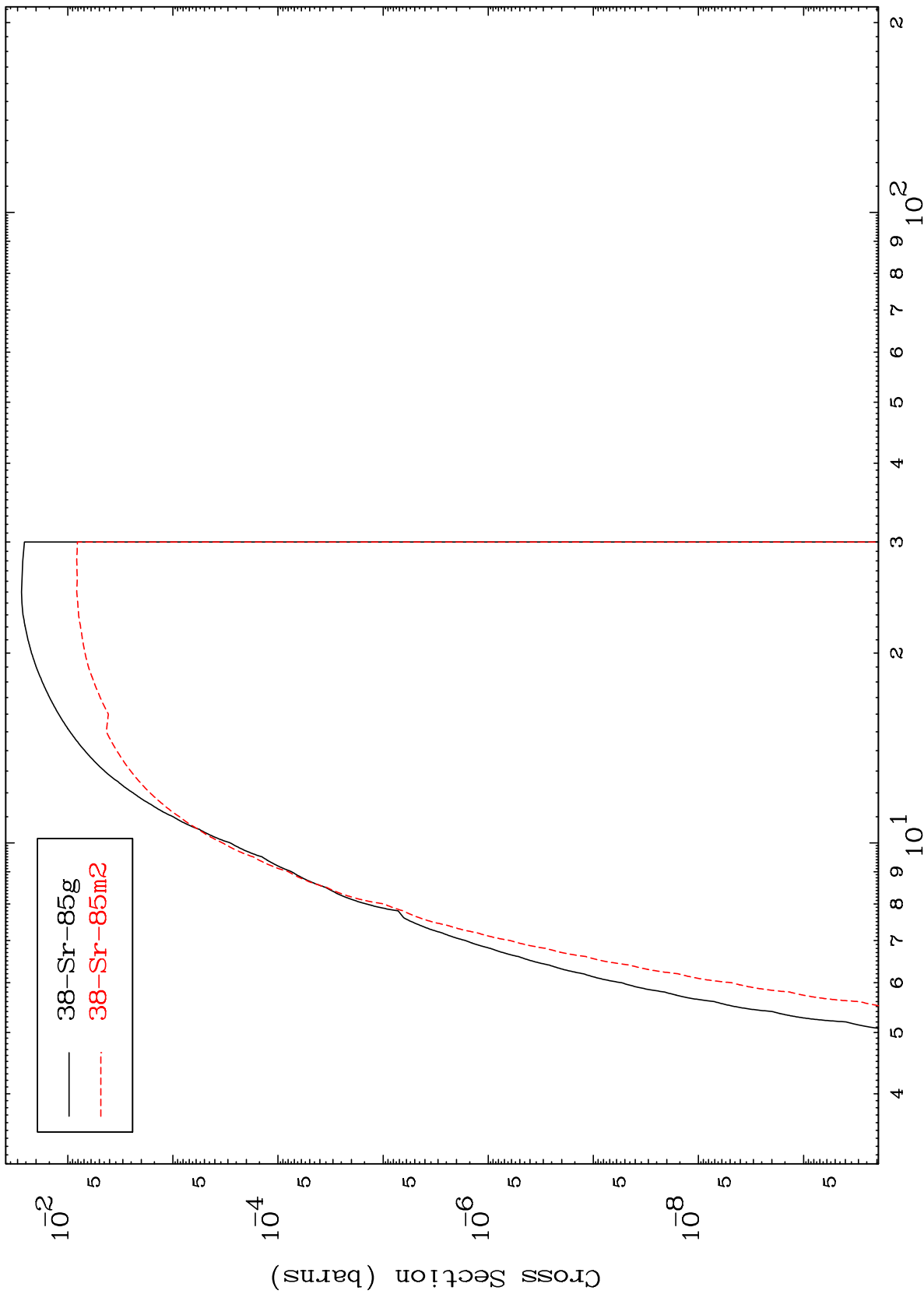
Radionuclide Production Cross Section



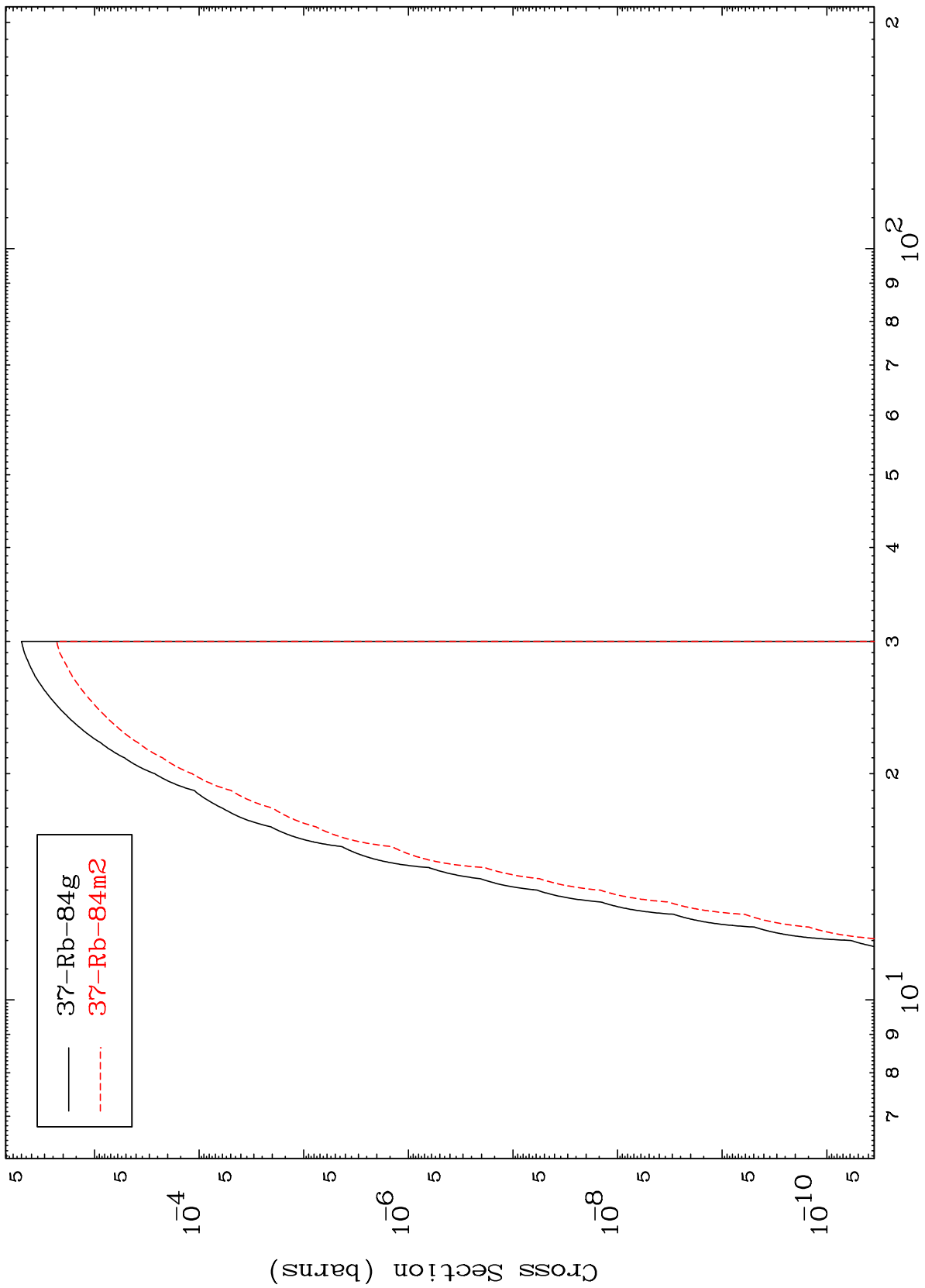
Radionuclide Production Cross Section
(n,γ)



Radionuclide Production Cross Section (n,d)



Radionuclide Production Cross Section
(n,He-3)

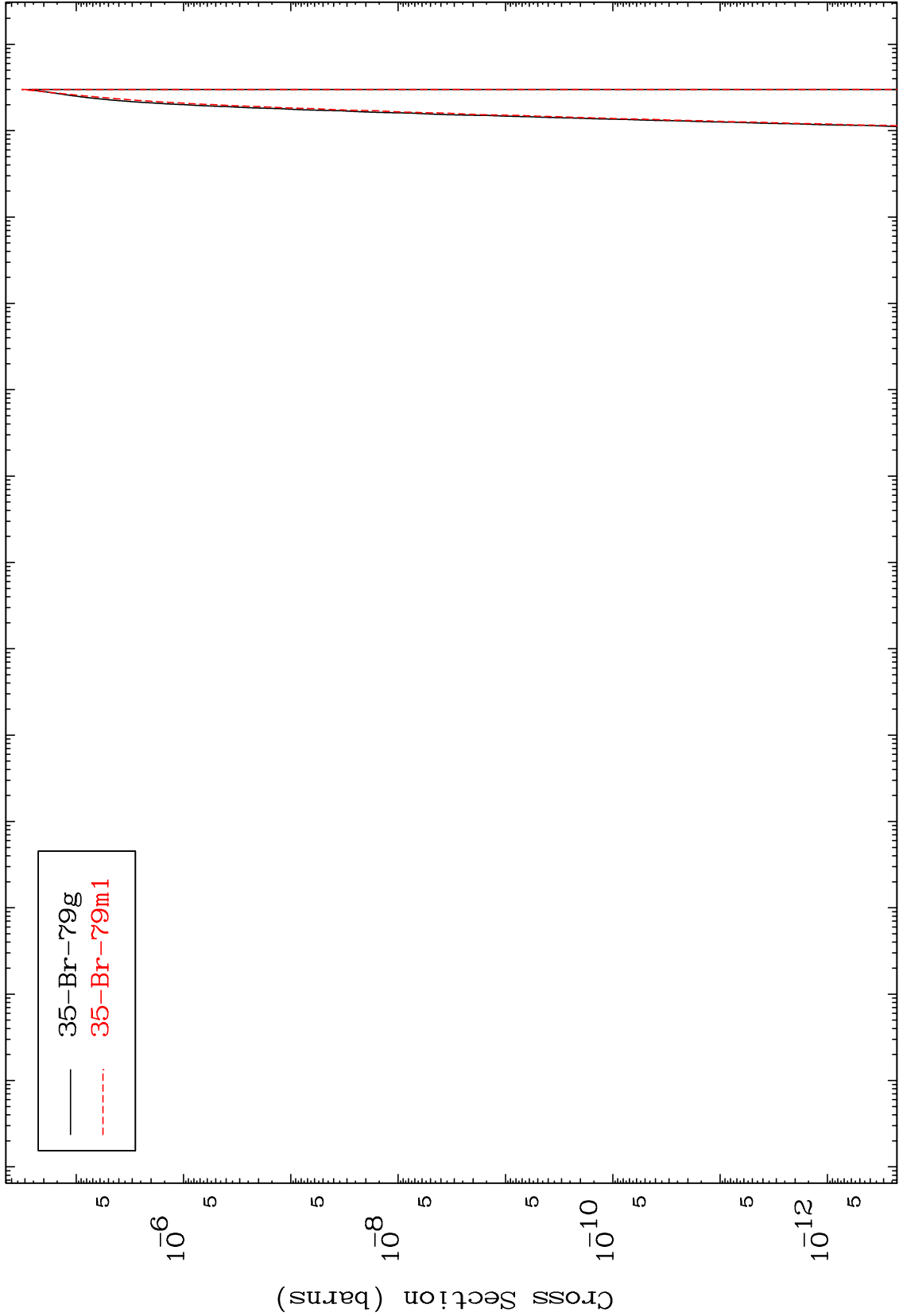


MAT 3916

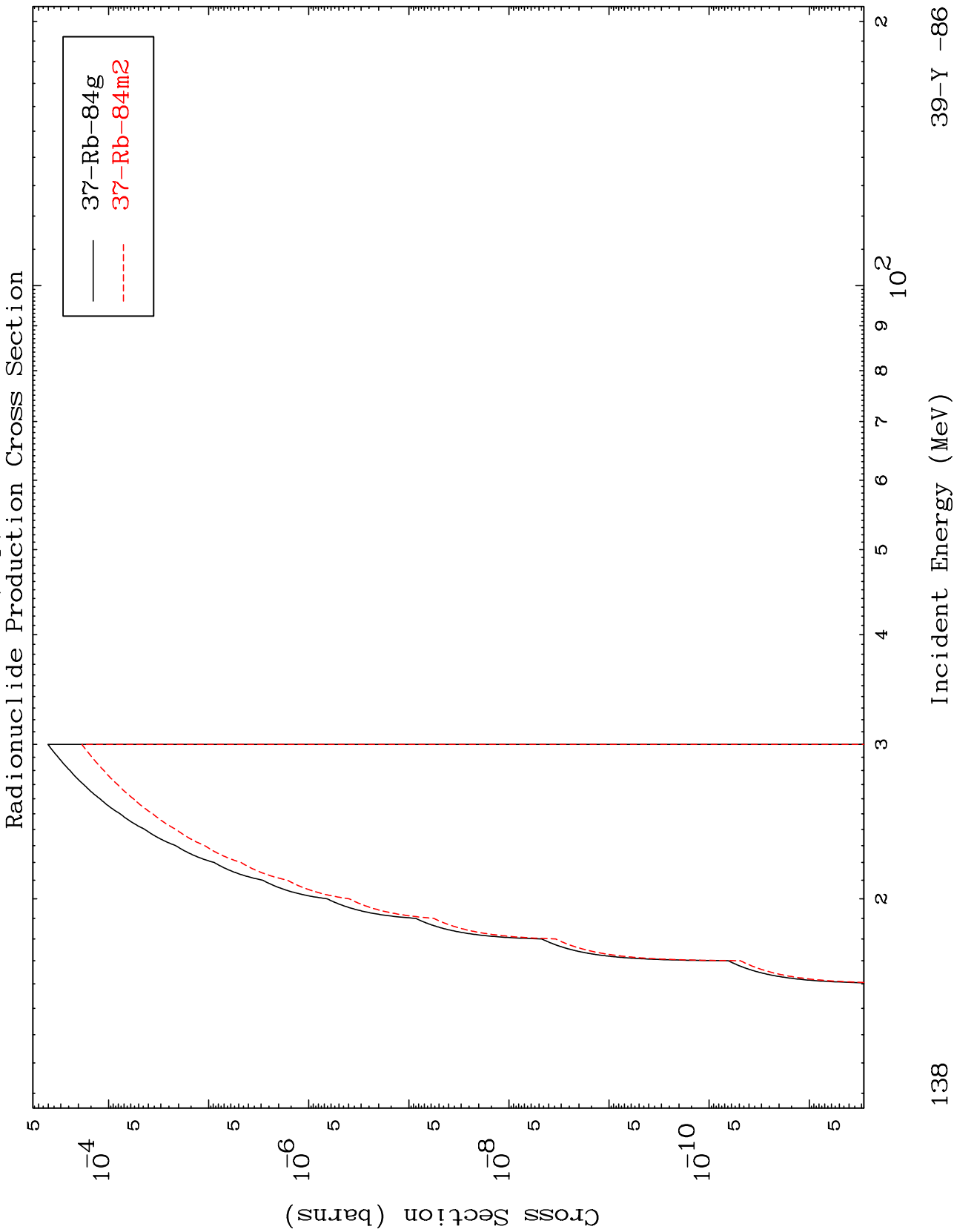
(n,2α)

39-Y -86

Radionuclide Production Cross Section



39-Y -86

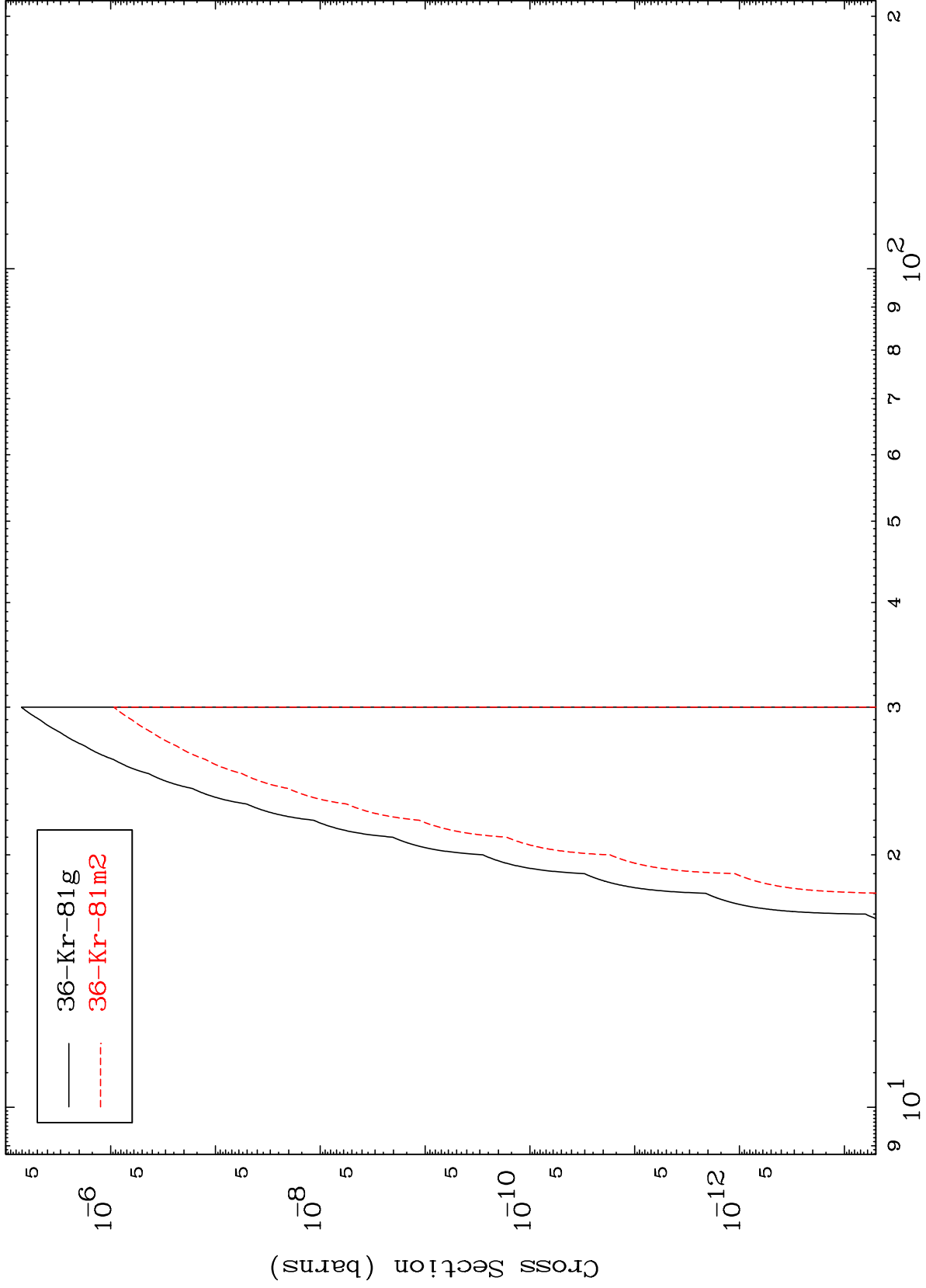


MAT 3916

(n,d) α

39-Y -86

Radionuclide Production Cross Section



Incident Energy (MeV)

39-Y -86

139