

Program EVALPLOT
(Version 2017-1)

by

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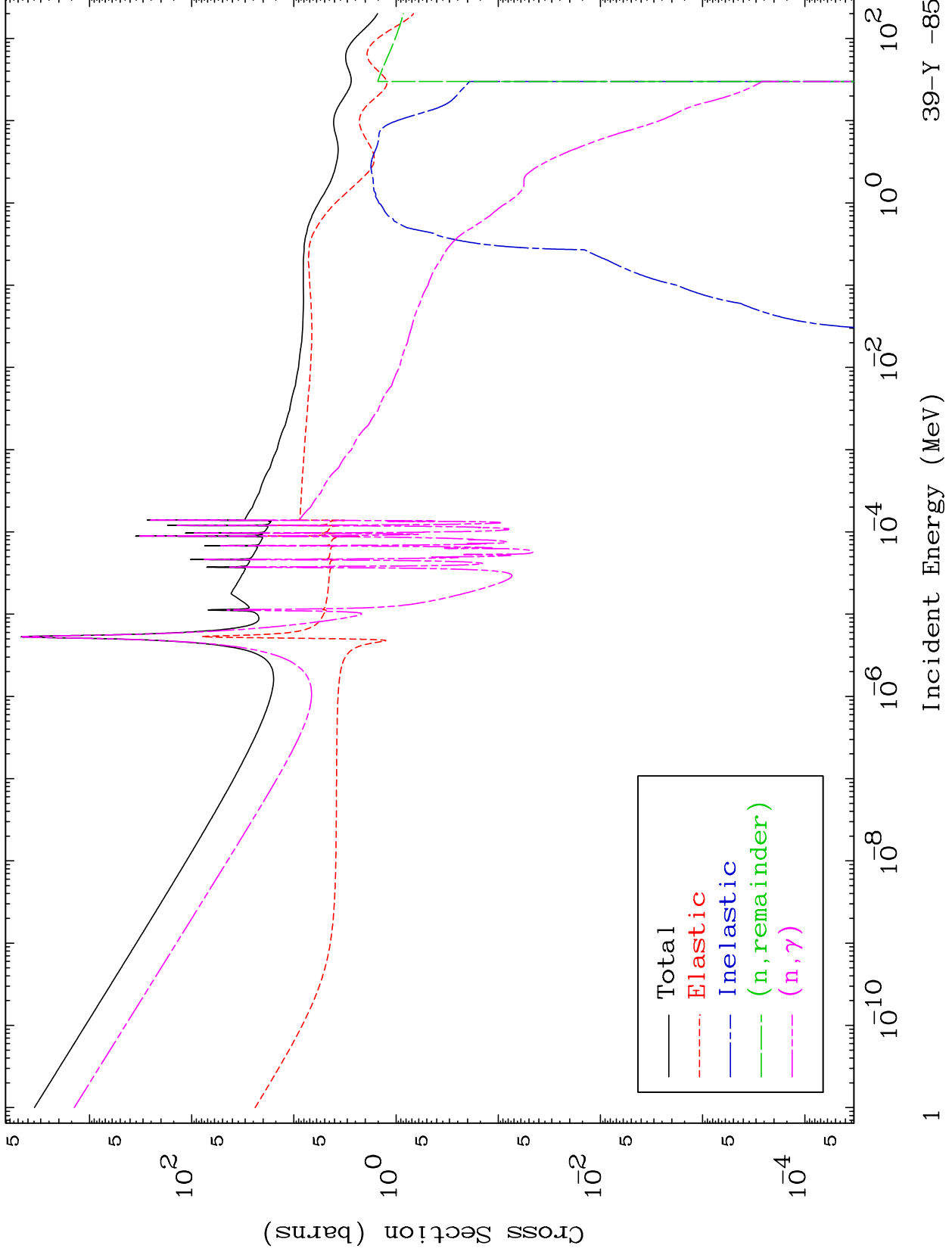
Press Mouse Button to Start

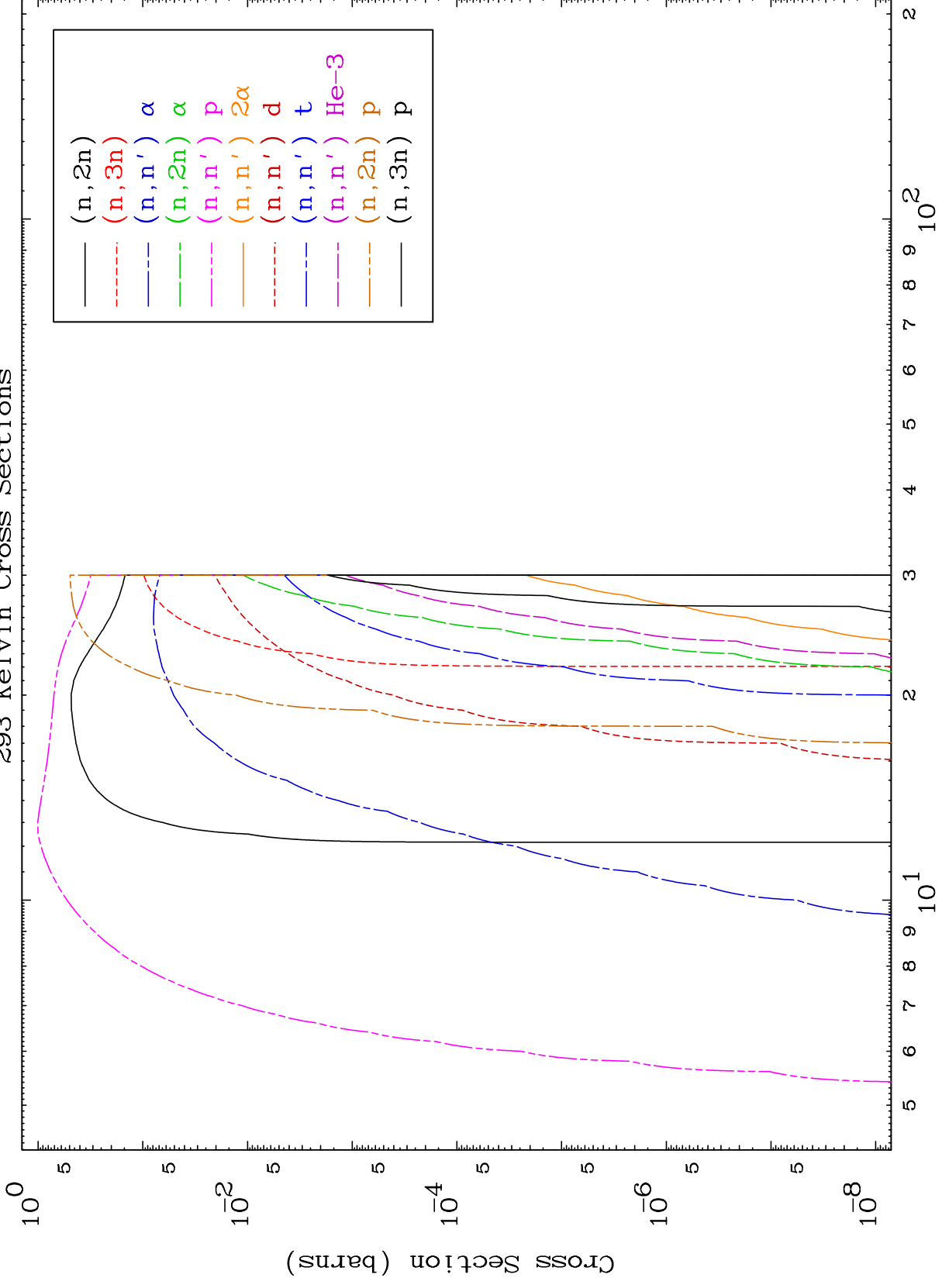
MAT 3913

Major

293 Kelvin Cross Sections

39-Y -85

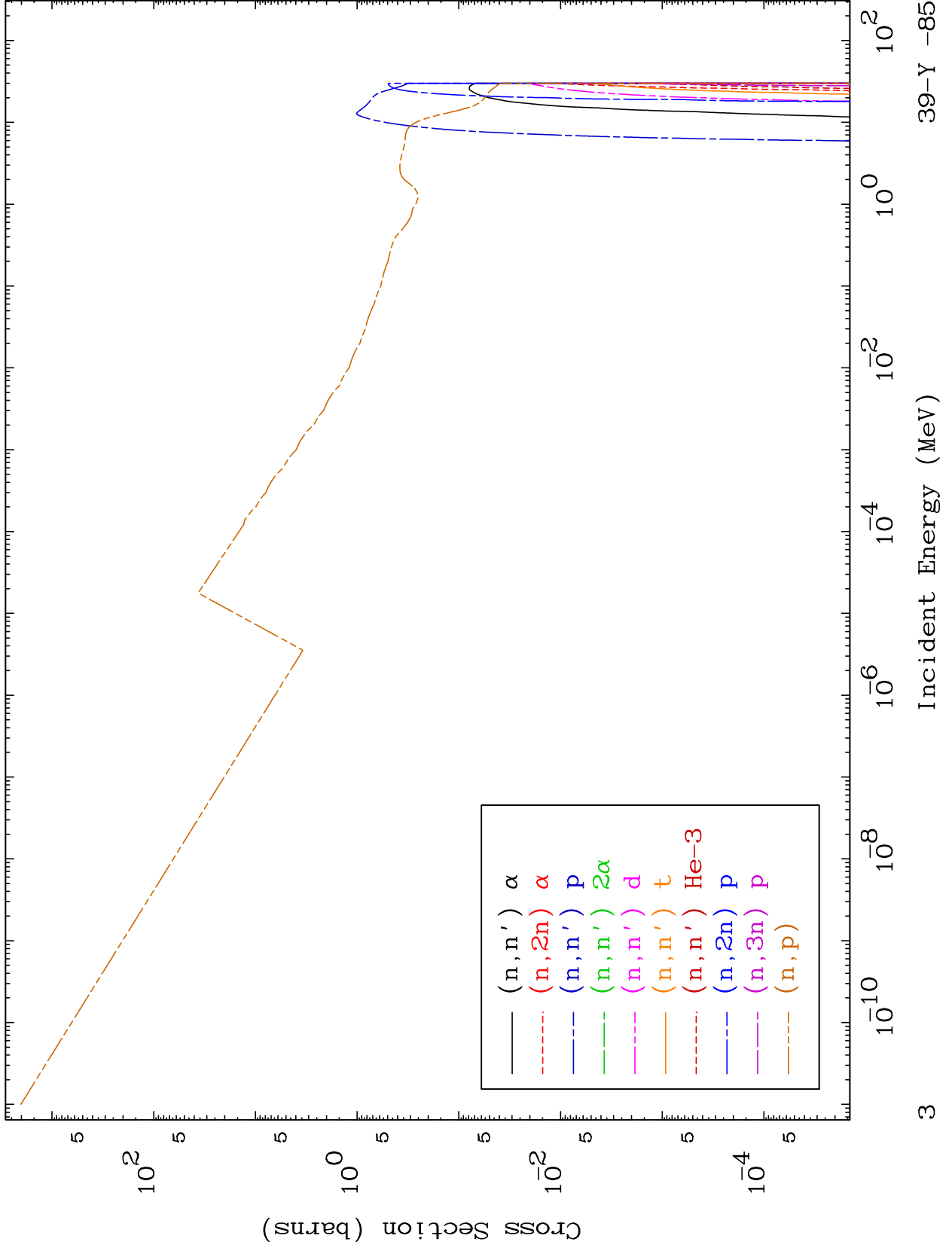




MAT 3913

Charged Particle
293 Kelvin Cross Sections

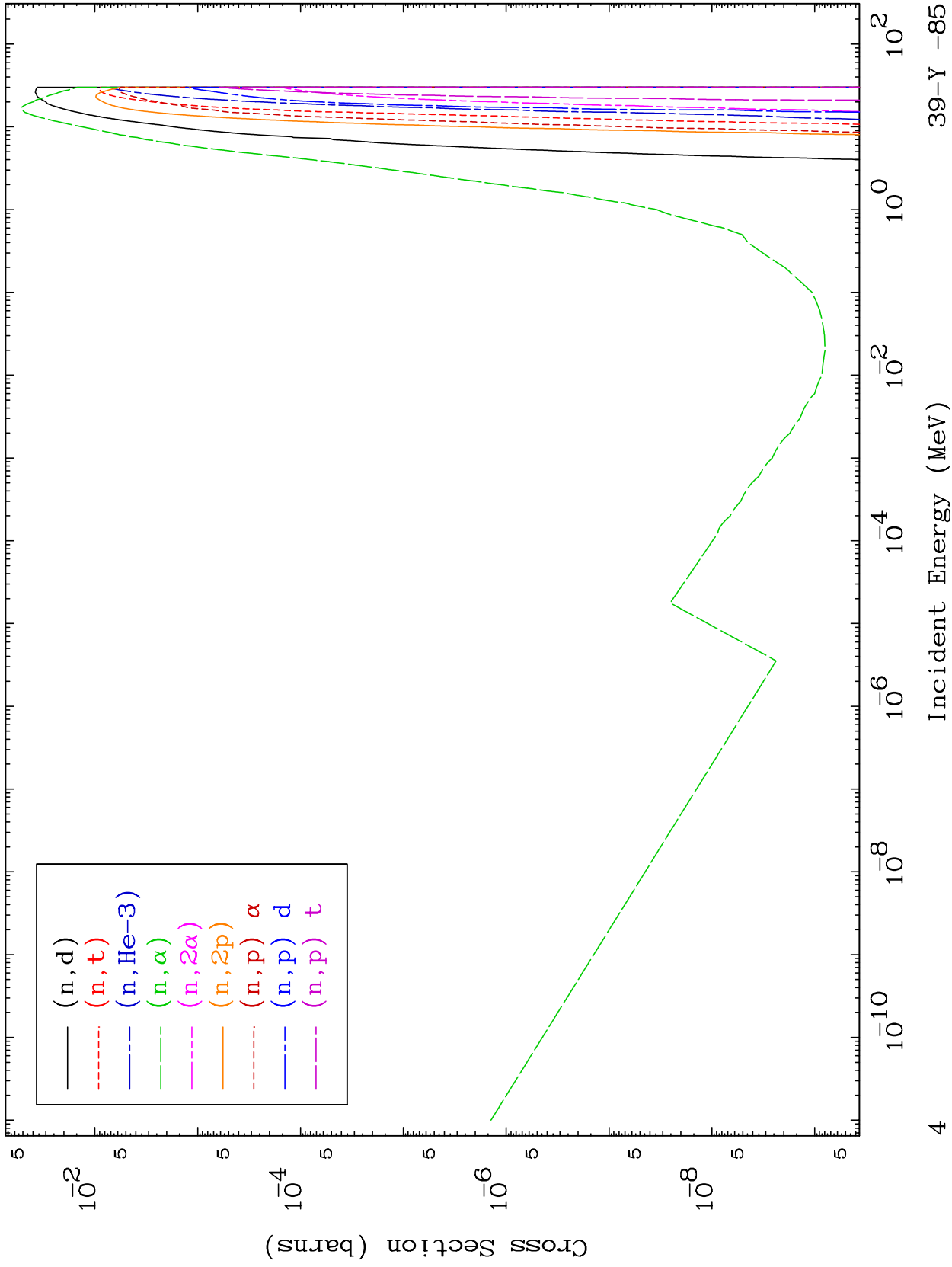
39-Y -85



MAT 3913

Charged Particle
293 Kelvin Cross Sections

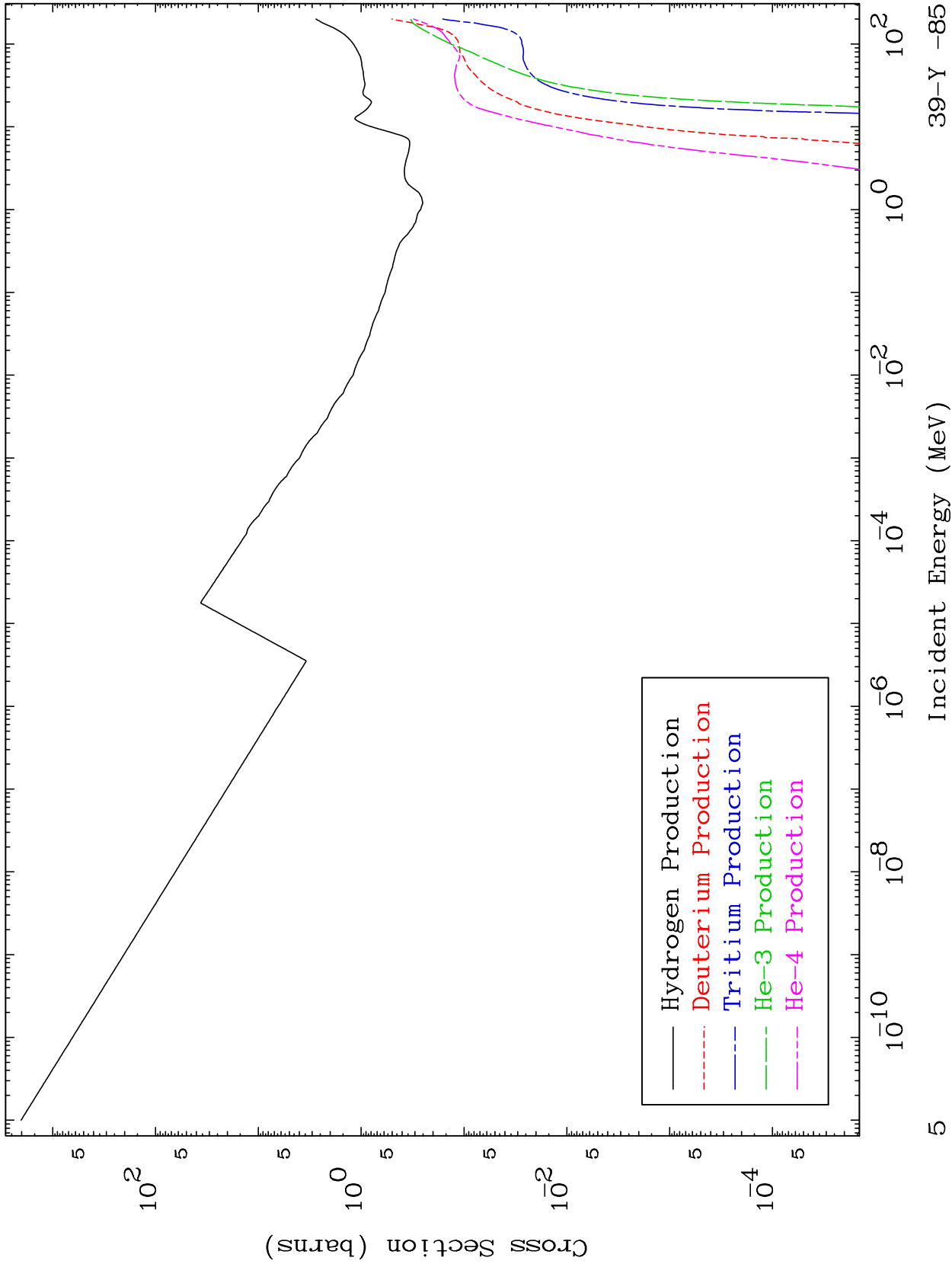
39-Y -85

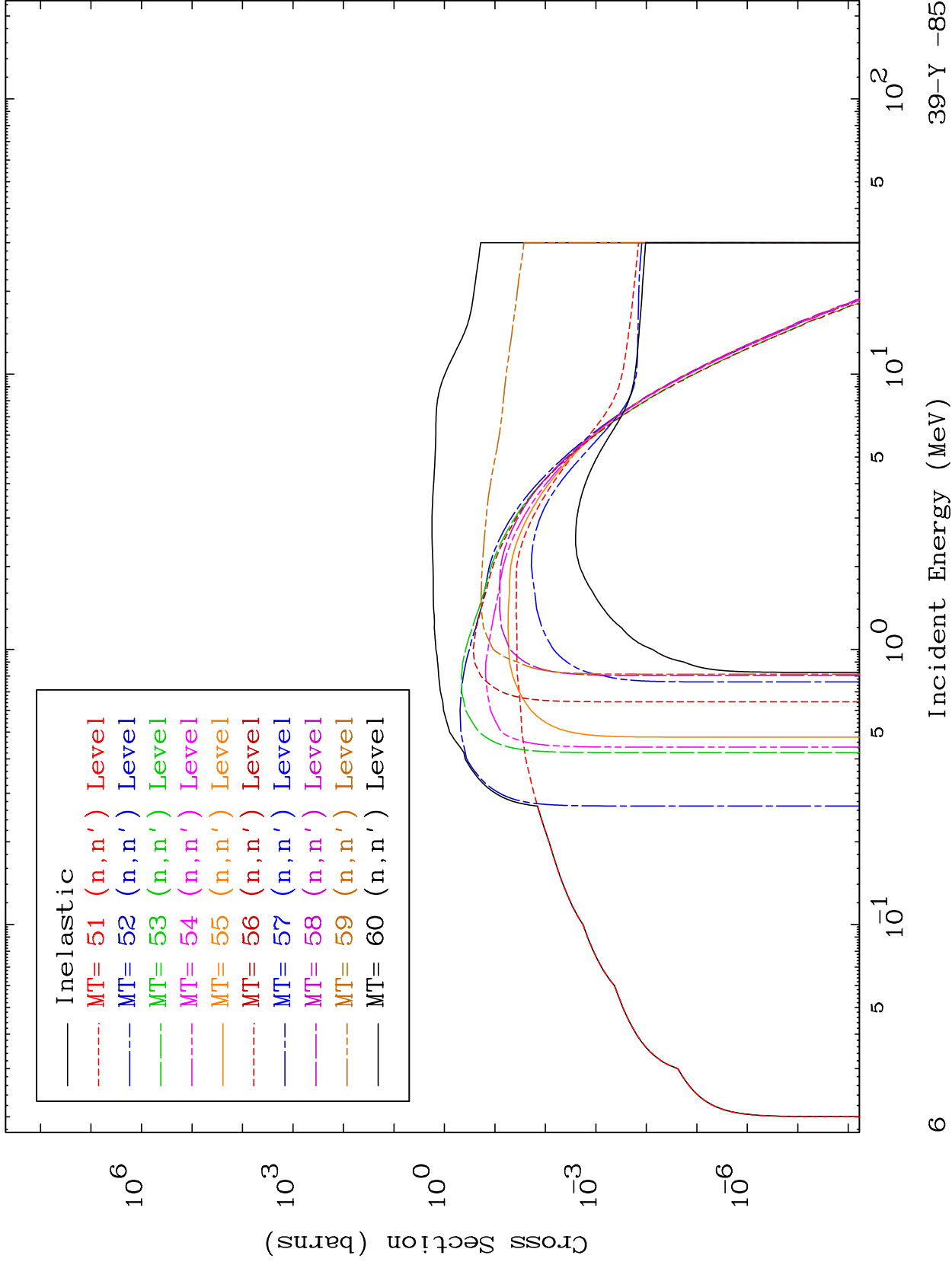


MAT 3913

Particle Production
293 Kelvin Cross Sections

39-Y -85



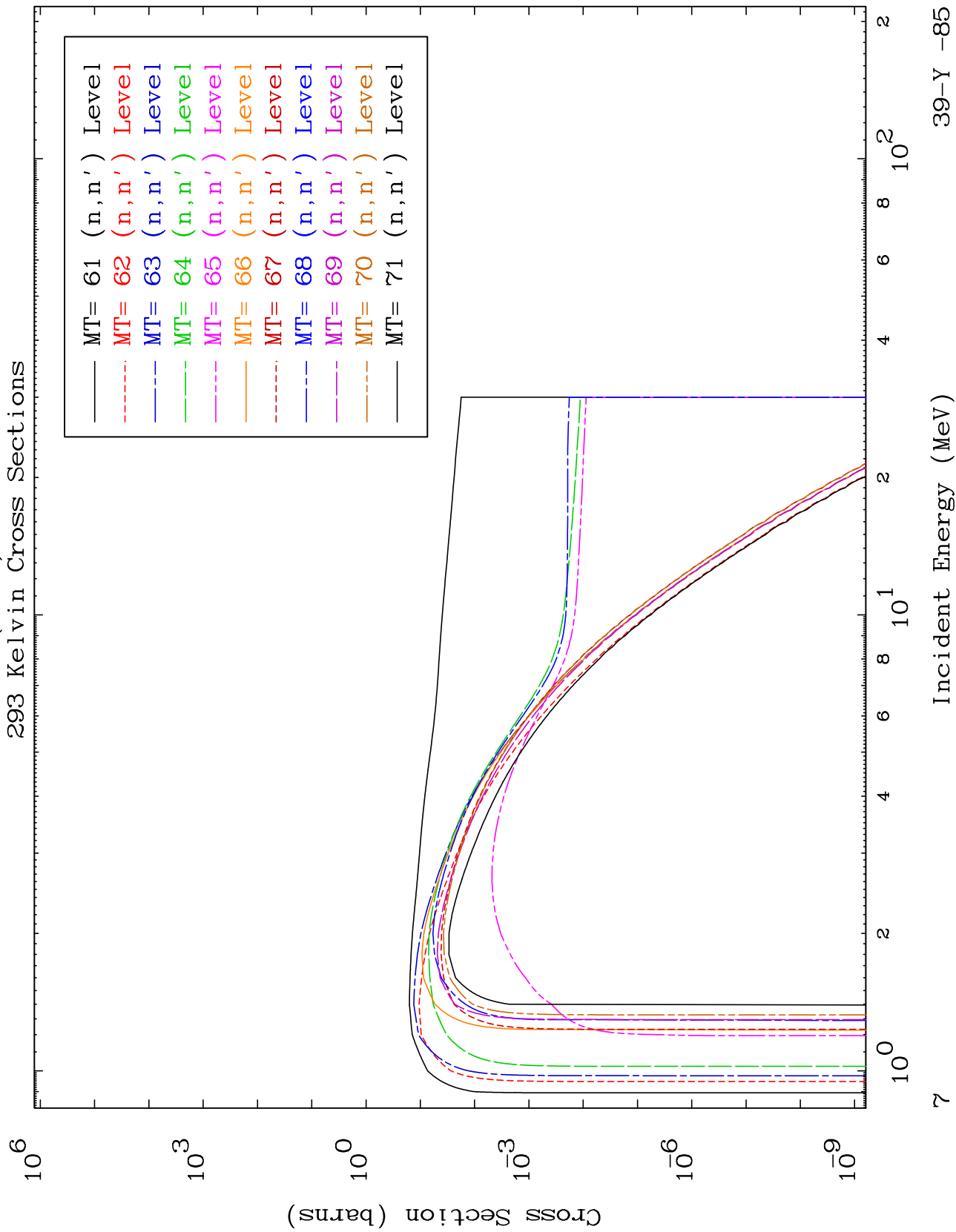


MAT 3913

(n,n') Level

39-Y -85

293 Kelvin Cross Sections

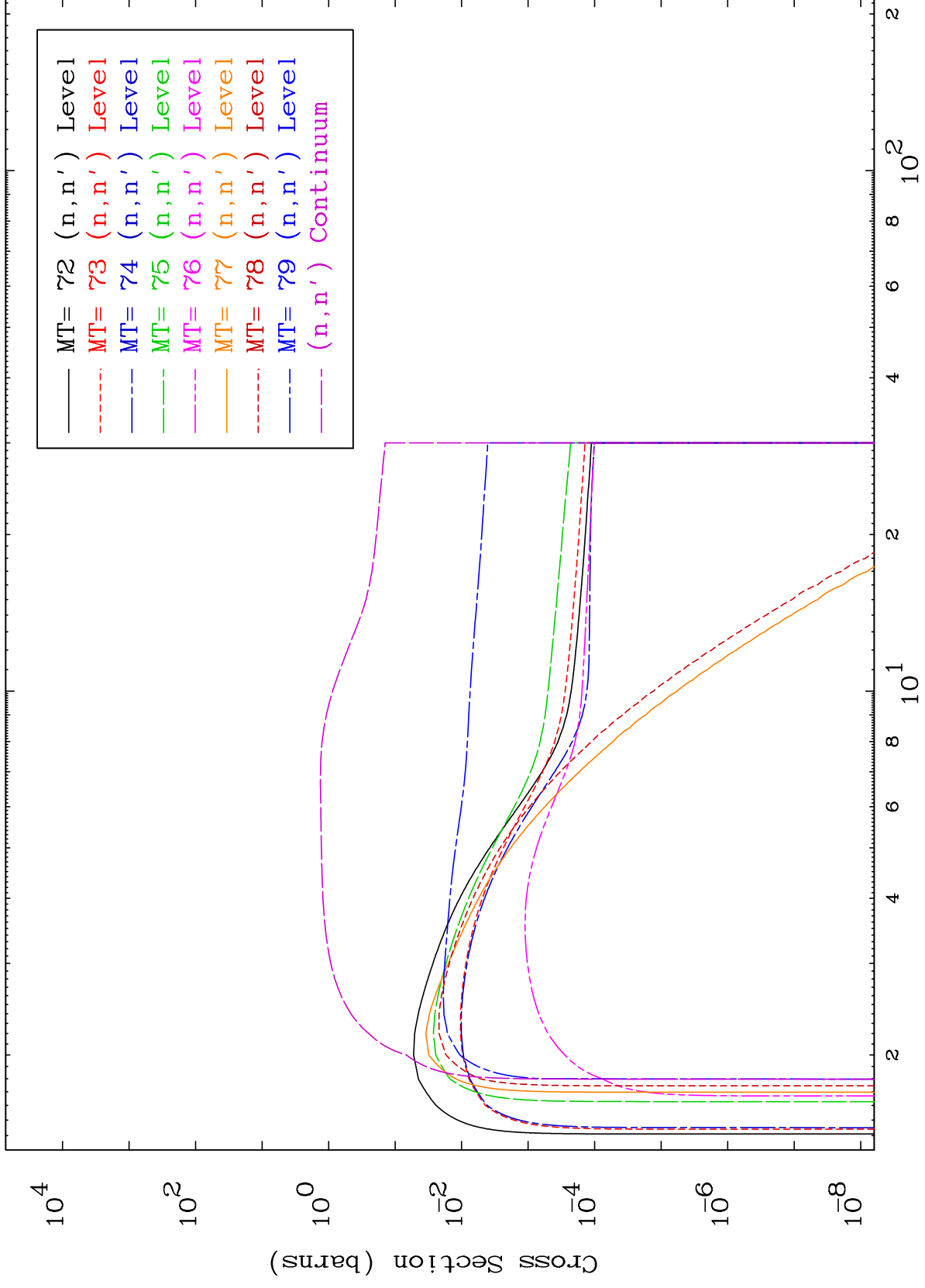


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Incident Energy (MeV)

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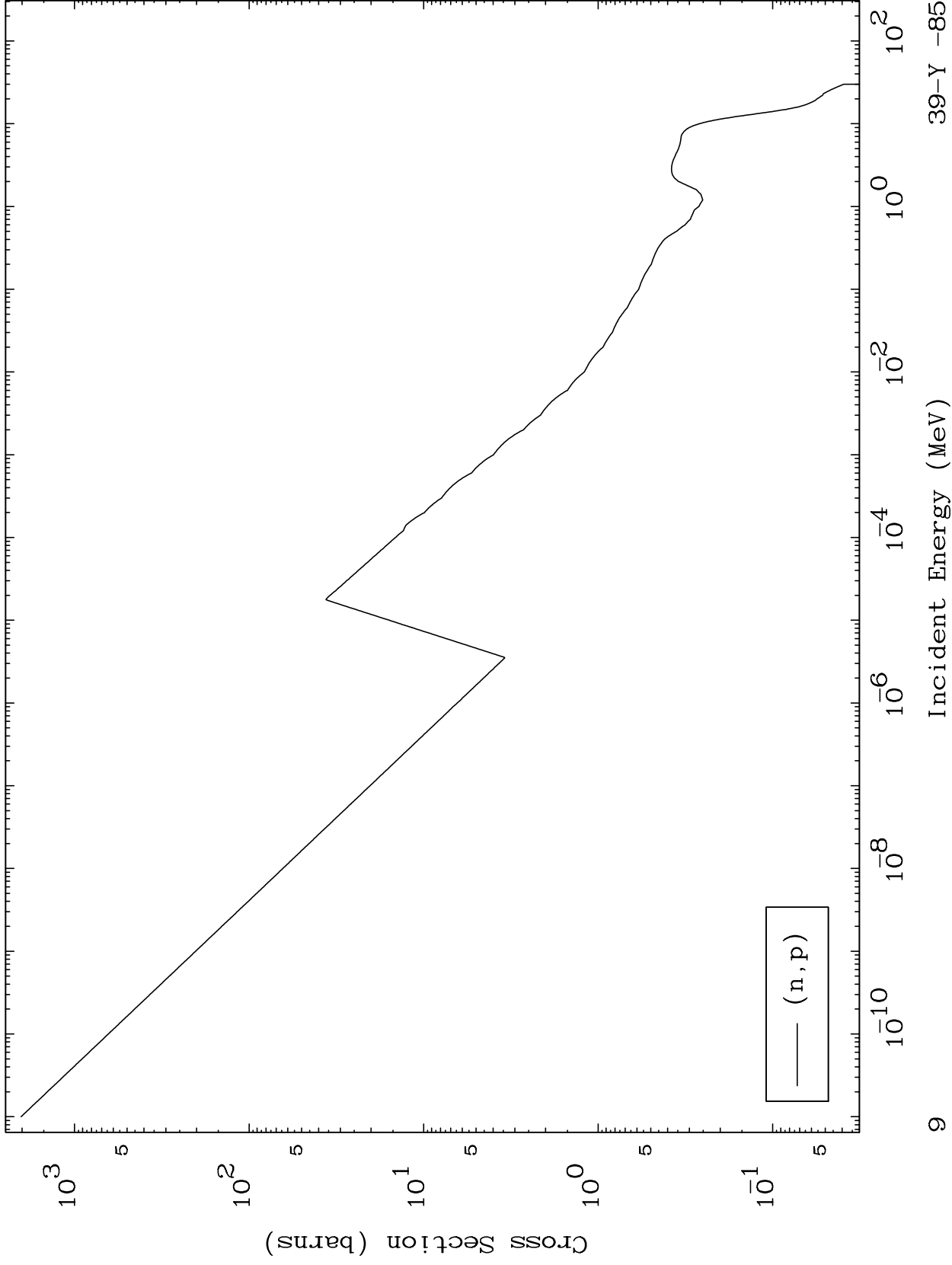
293 Kelvin Cross Sections



MAT 3913

(n,p) Levels
293 Kelvin Cross Sections

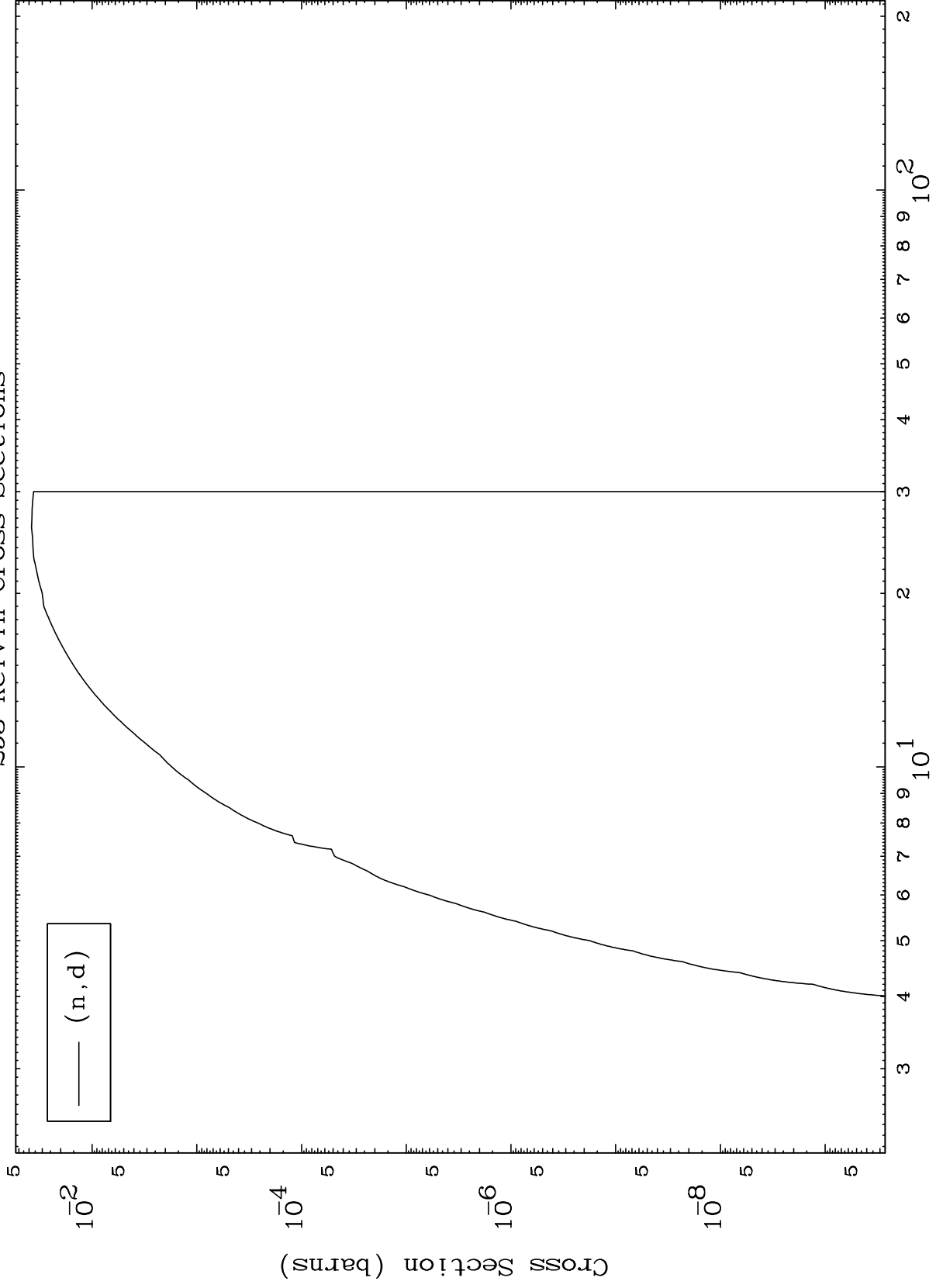
39-Y -85



MAT 3913

(n,d) Levels
293 Kelvin Cross Sections

39-Y -85



10

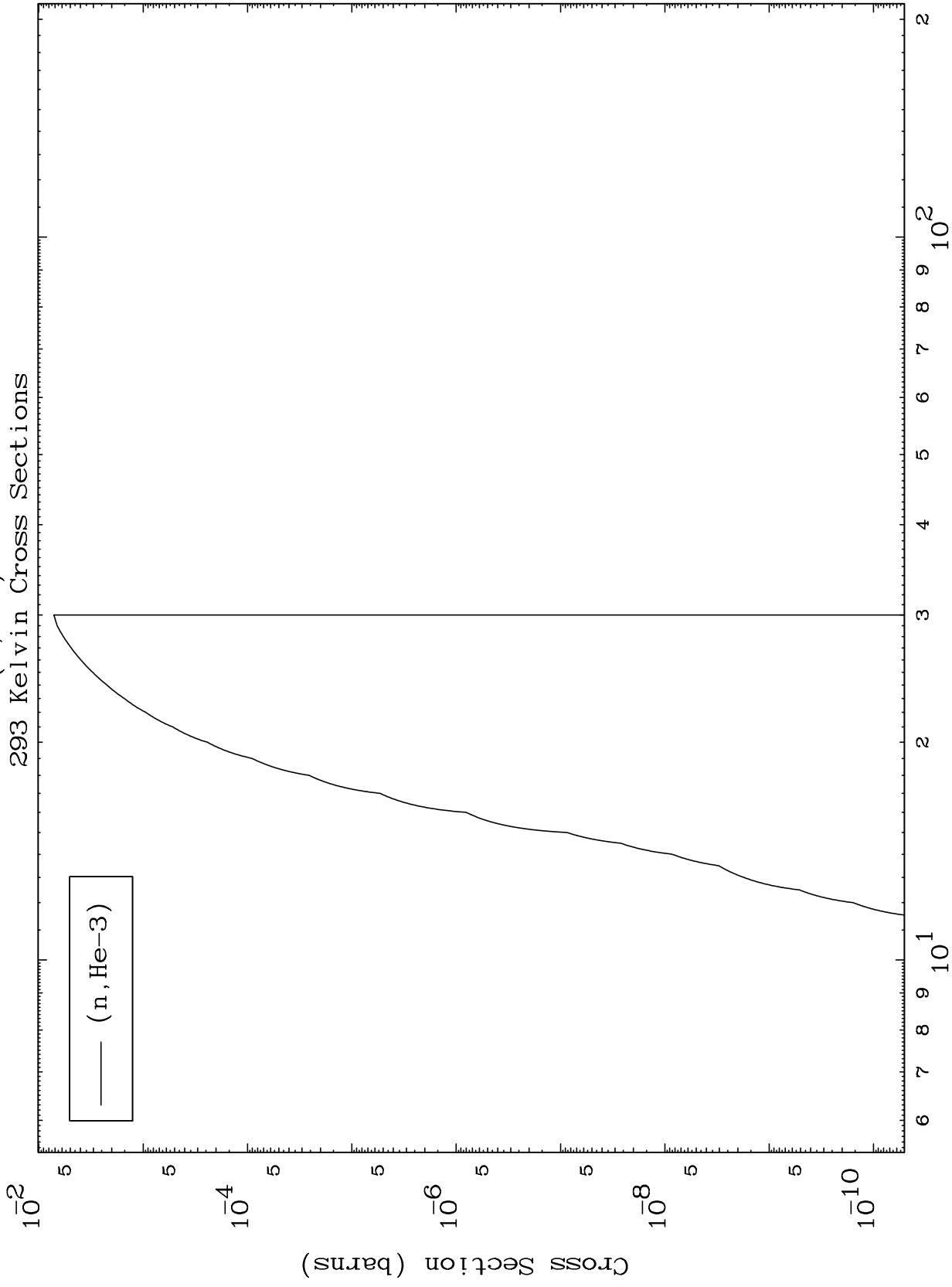
Incident Energy (MeV)

39-Y -85

MAT 3913

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -85



12

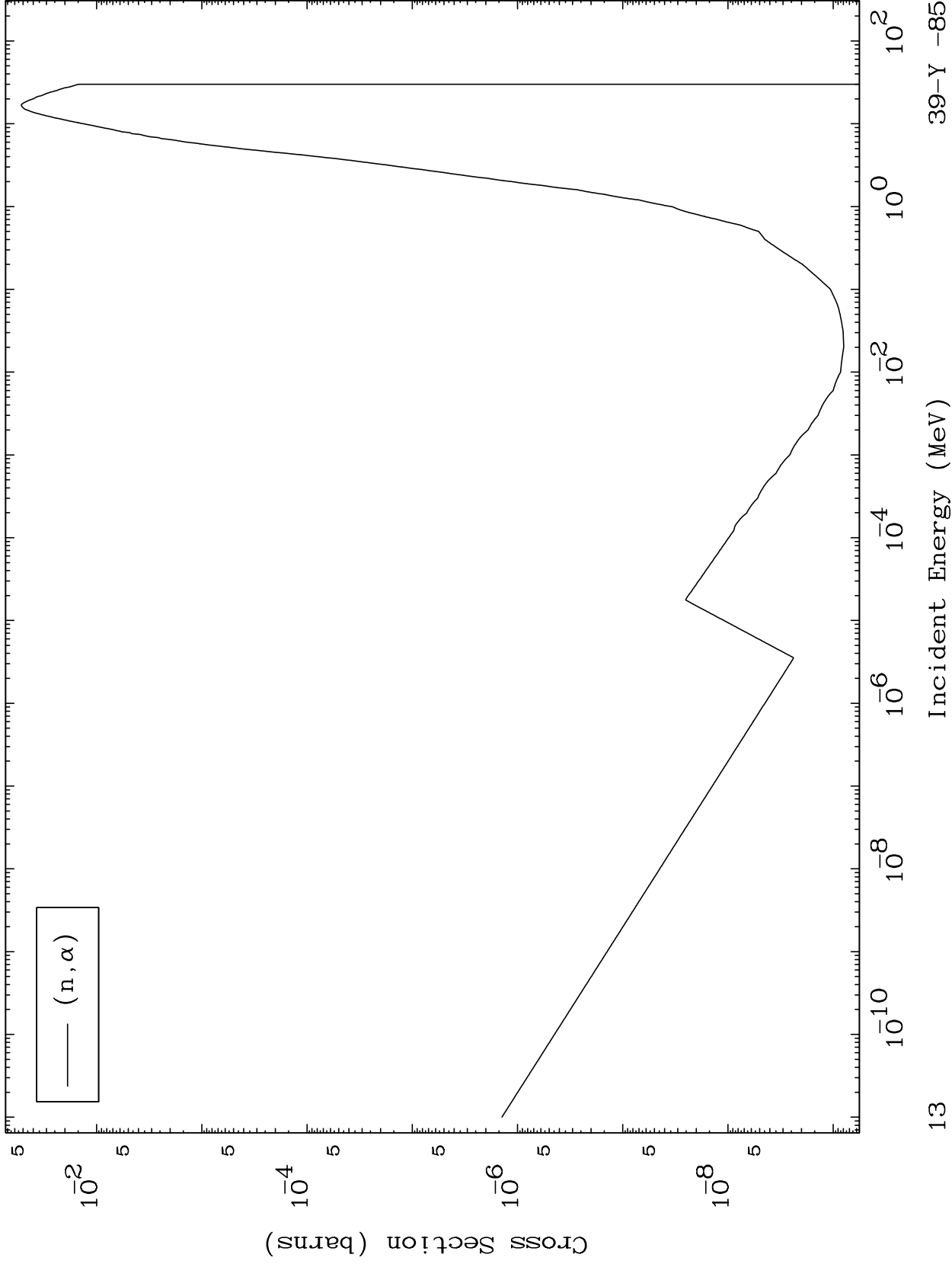
Incident Energy (MeV)

39-Y -85

MAT 3913

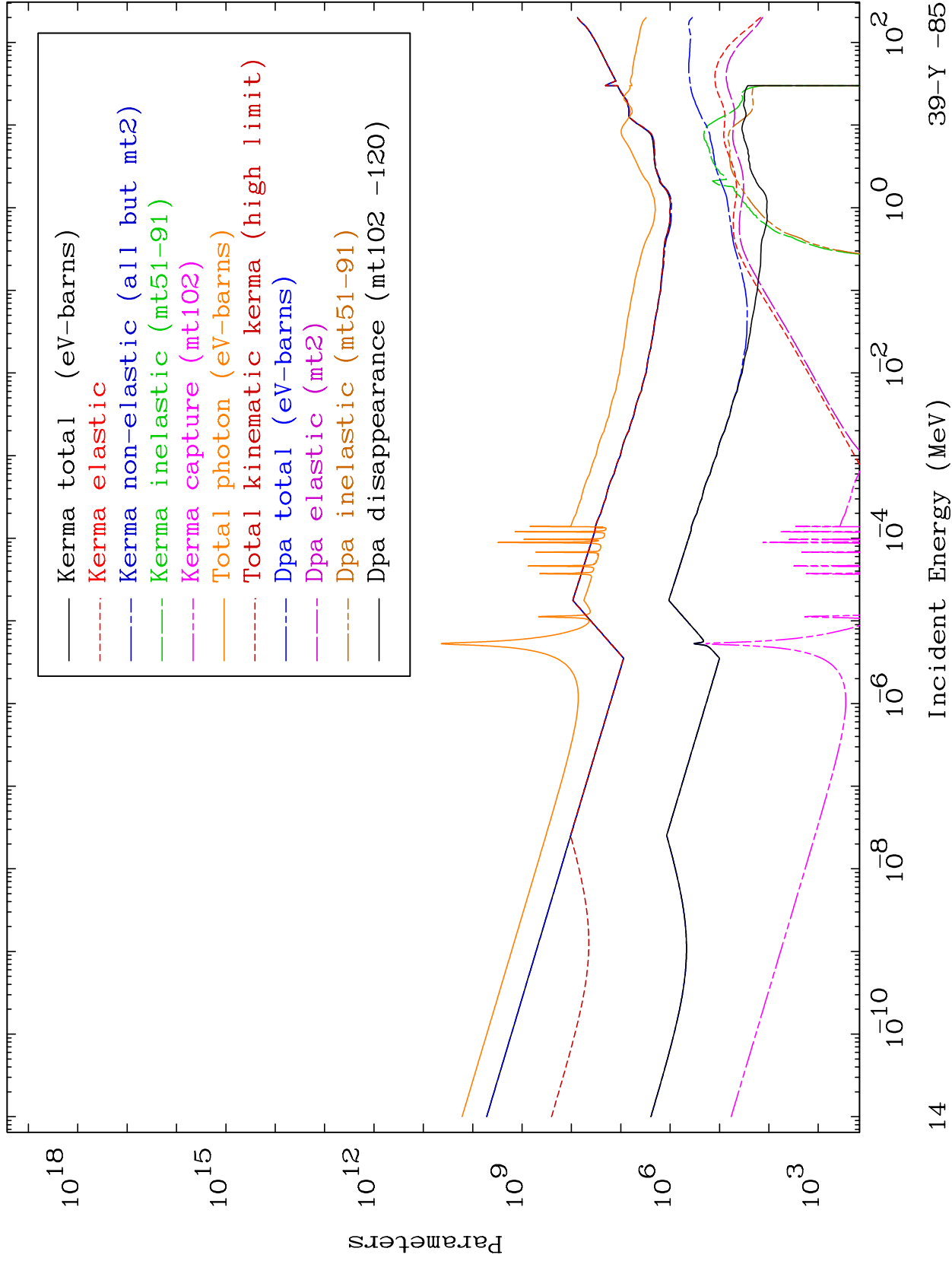
(n, α) Levels
293 Kelvin Cross Sections

39-Y -85



13

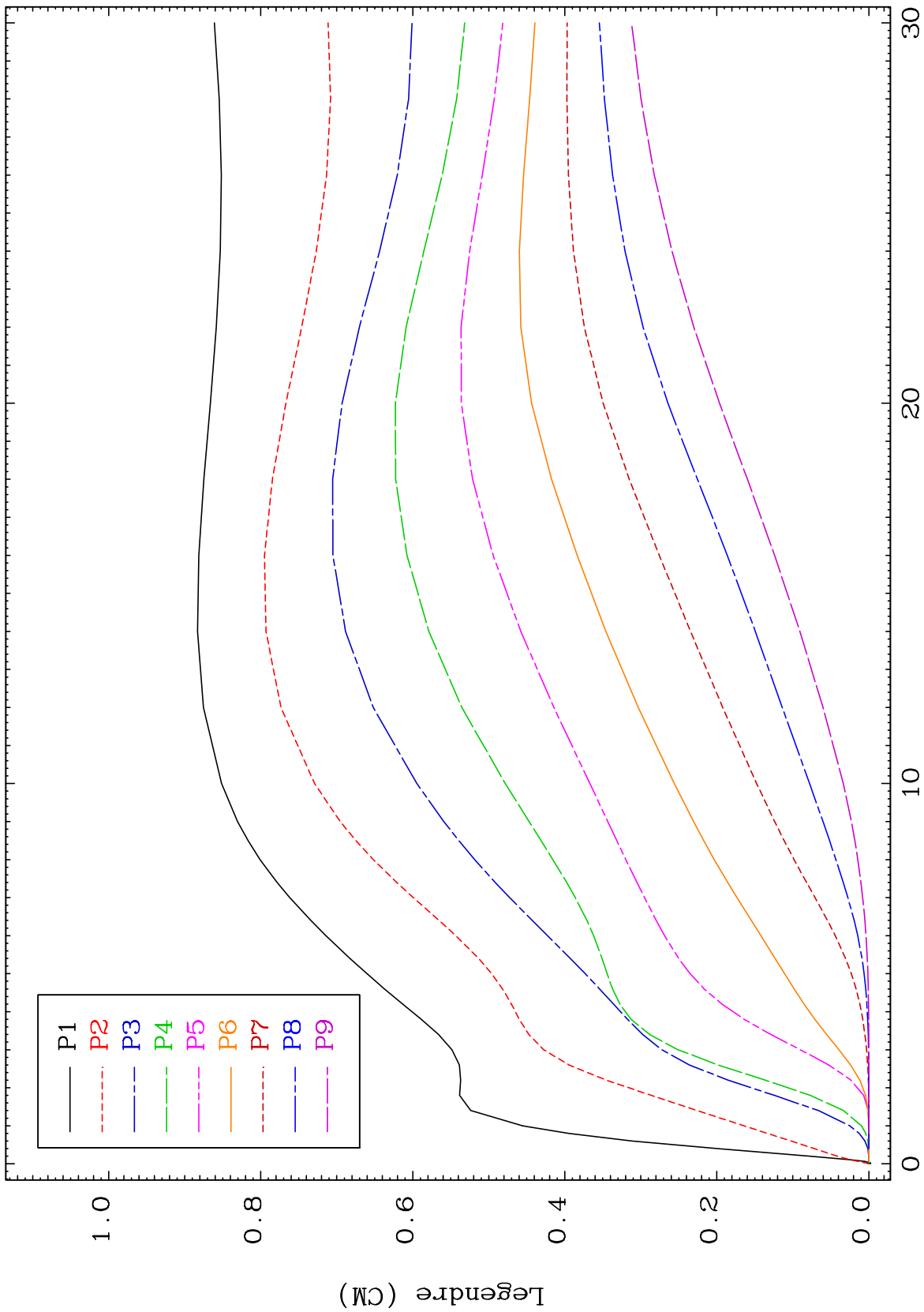
39-Y -85



MAT 3913

Elastic Legendre Coefficients

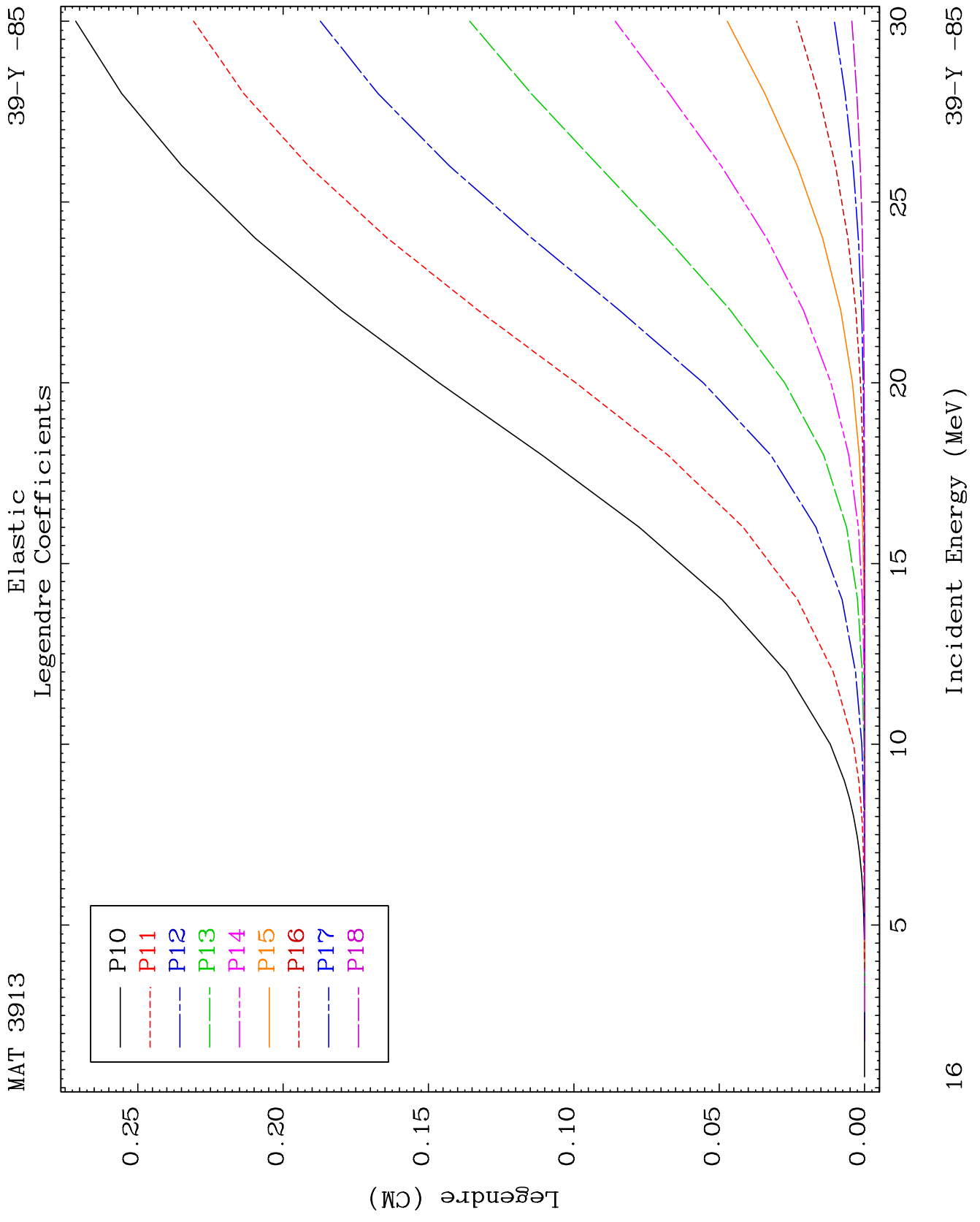
39-Y -85



15

Incident Energy (MeV)

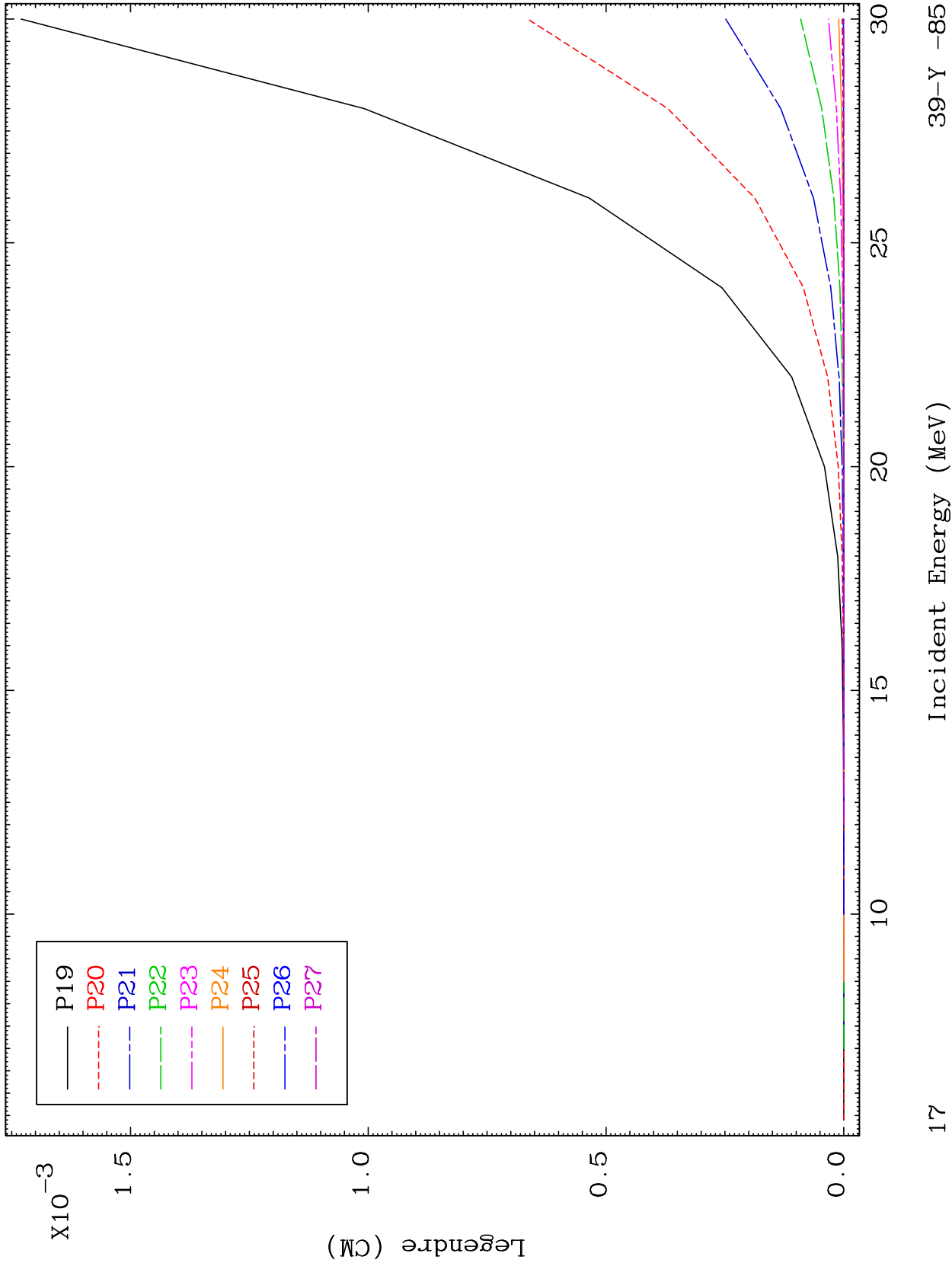
39-Y -85



MAT 3913

Elastic Legendre Coefficients

39-Y -85



17

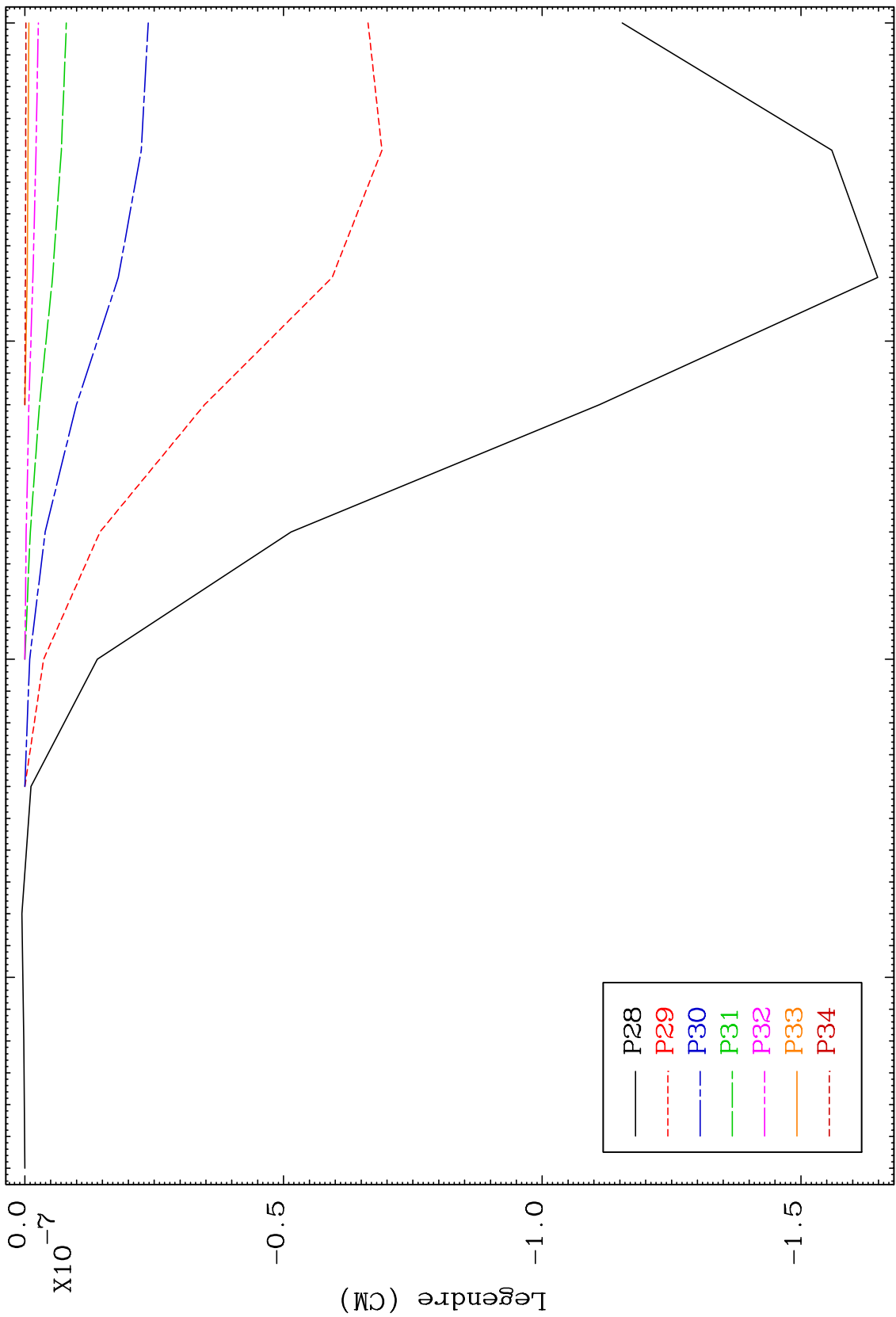
Incident Energy (MeV)

39-Y -85

MAT 3913

39-Y -85

Elastic Legendre Coefficients

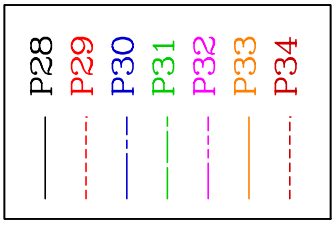


Legendre (CM)
X10⁻⁷

Incident Energy (MeV)

39-Y -85

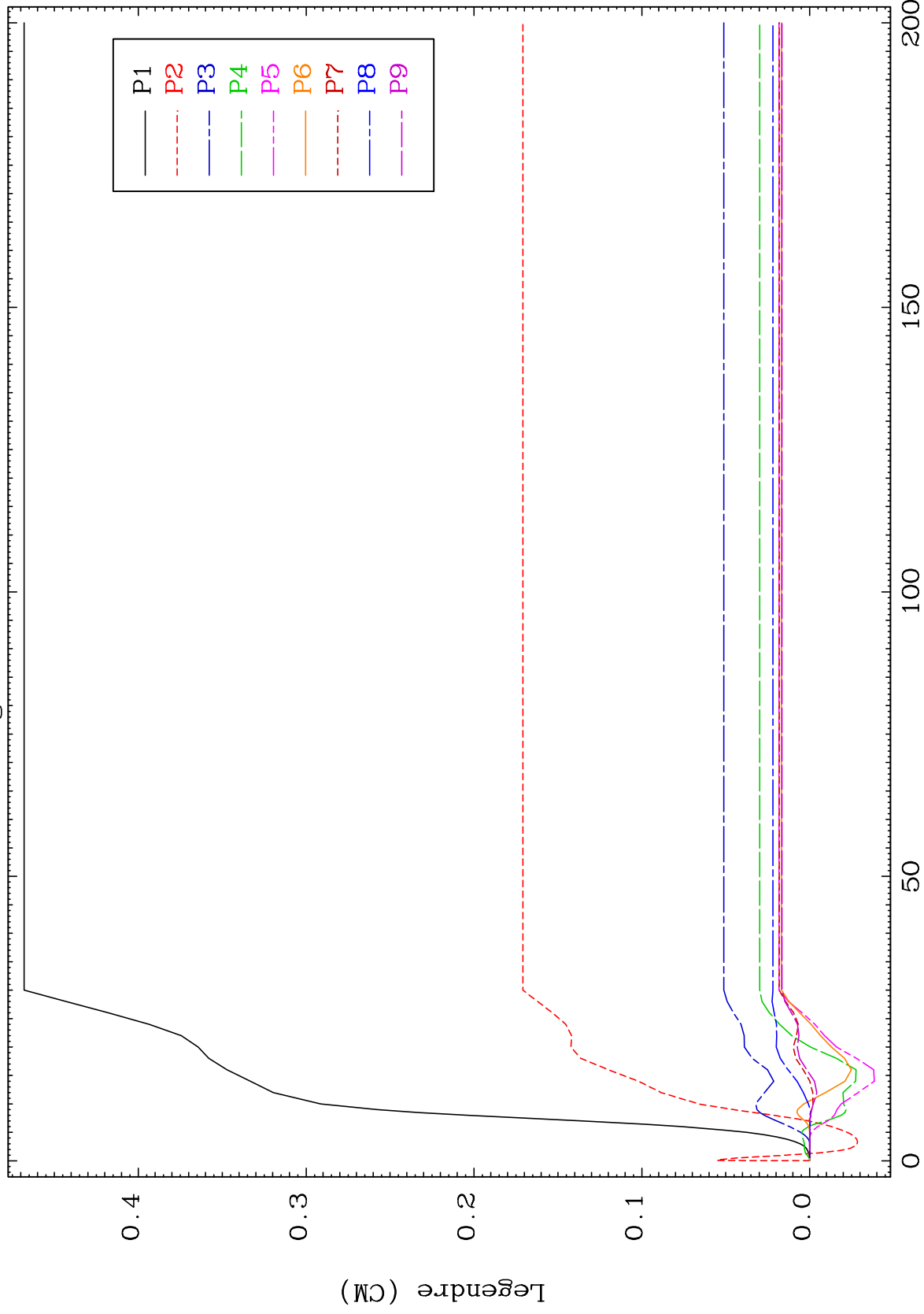
18



MAT 3913

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

39-Y -85



19

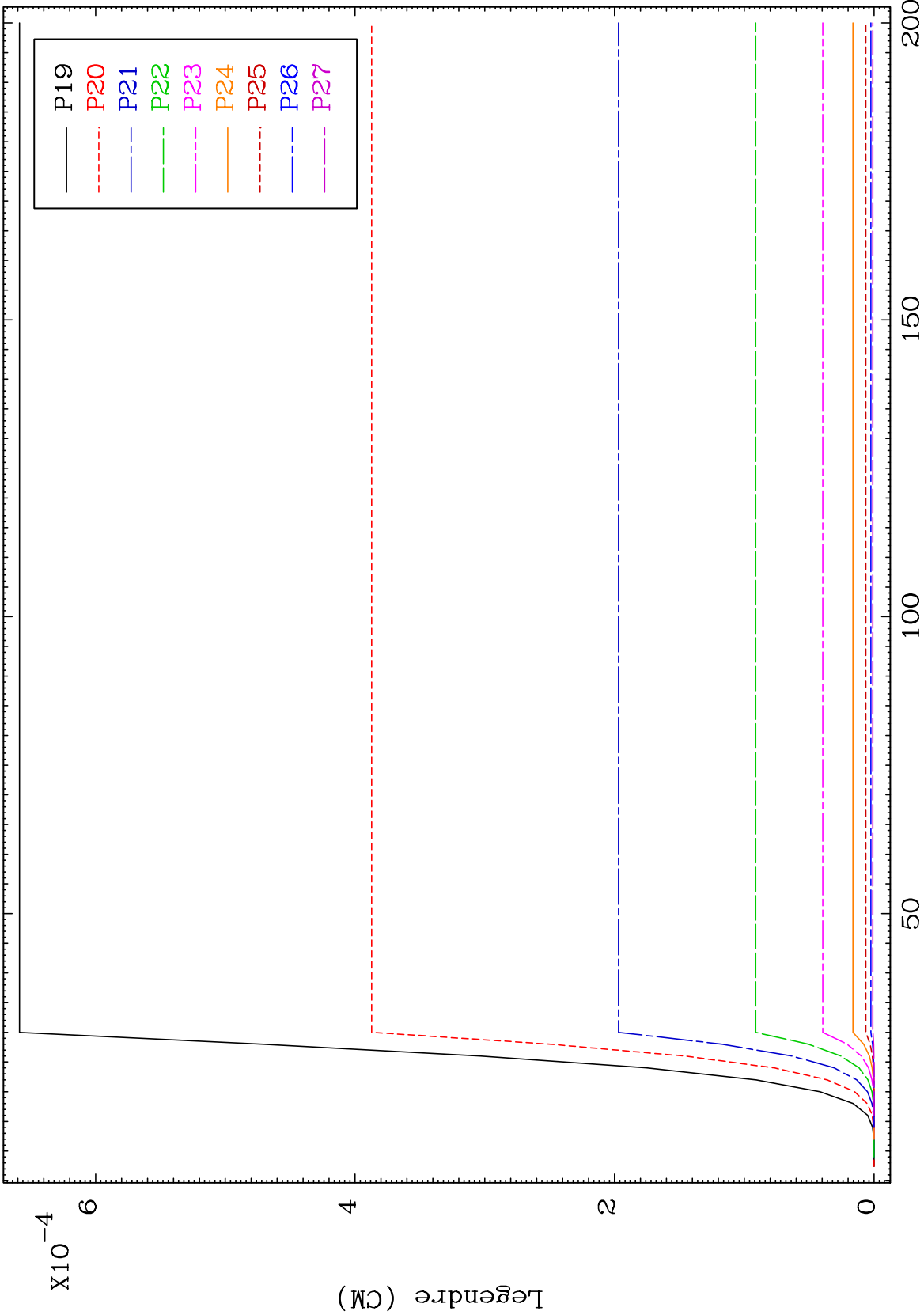
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



21

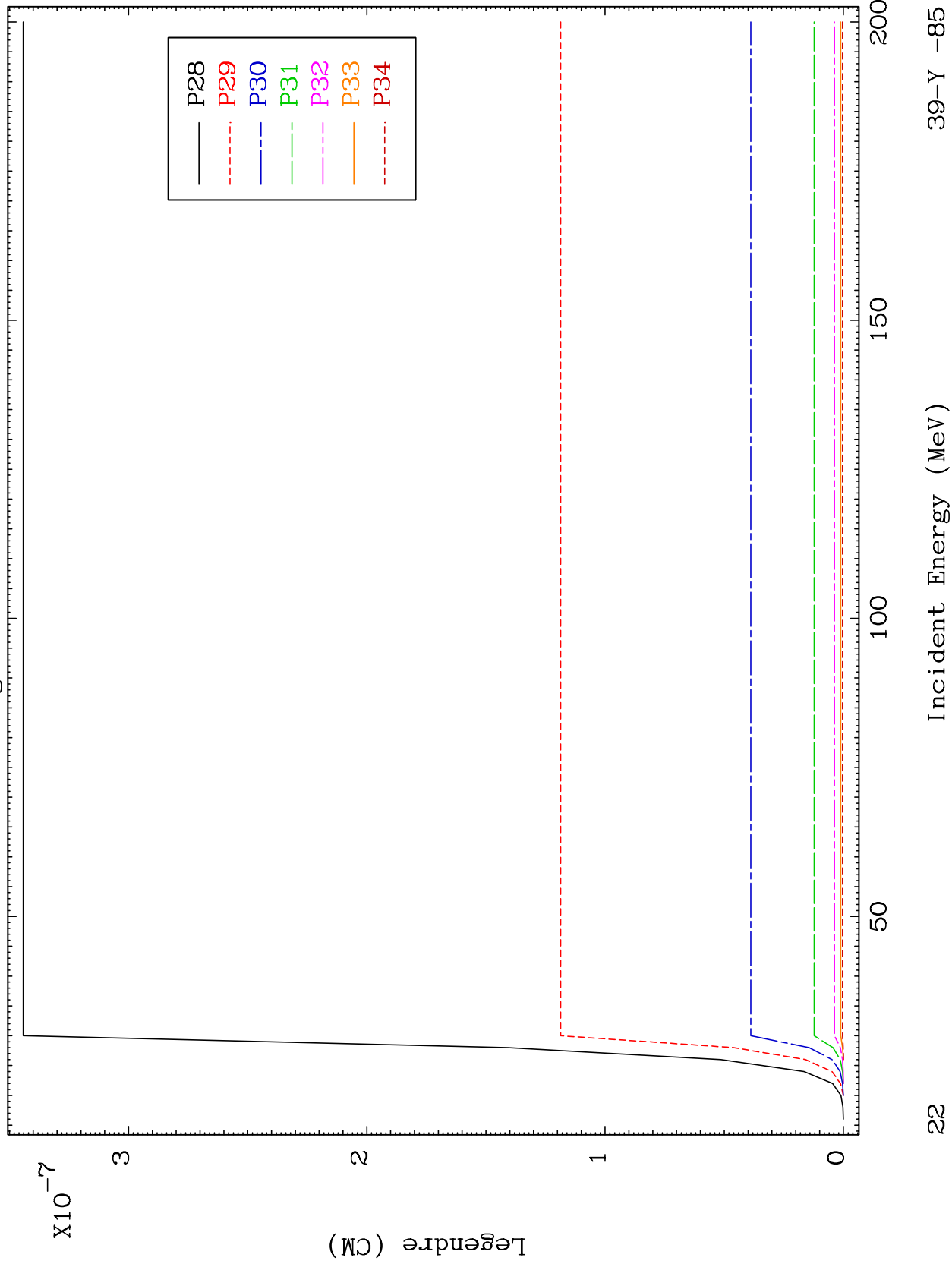
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



22

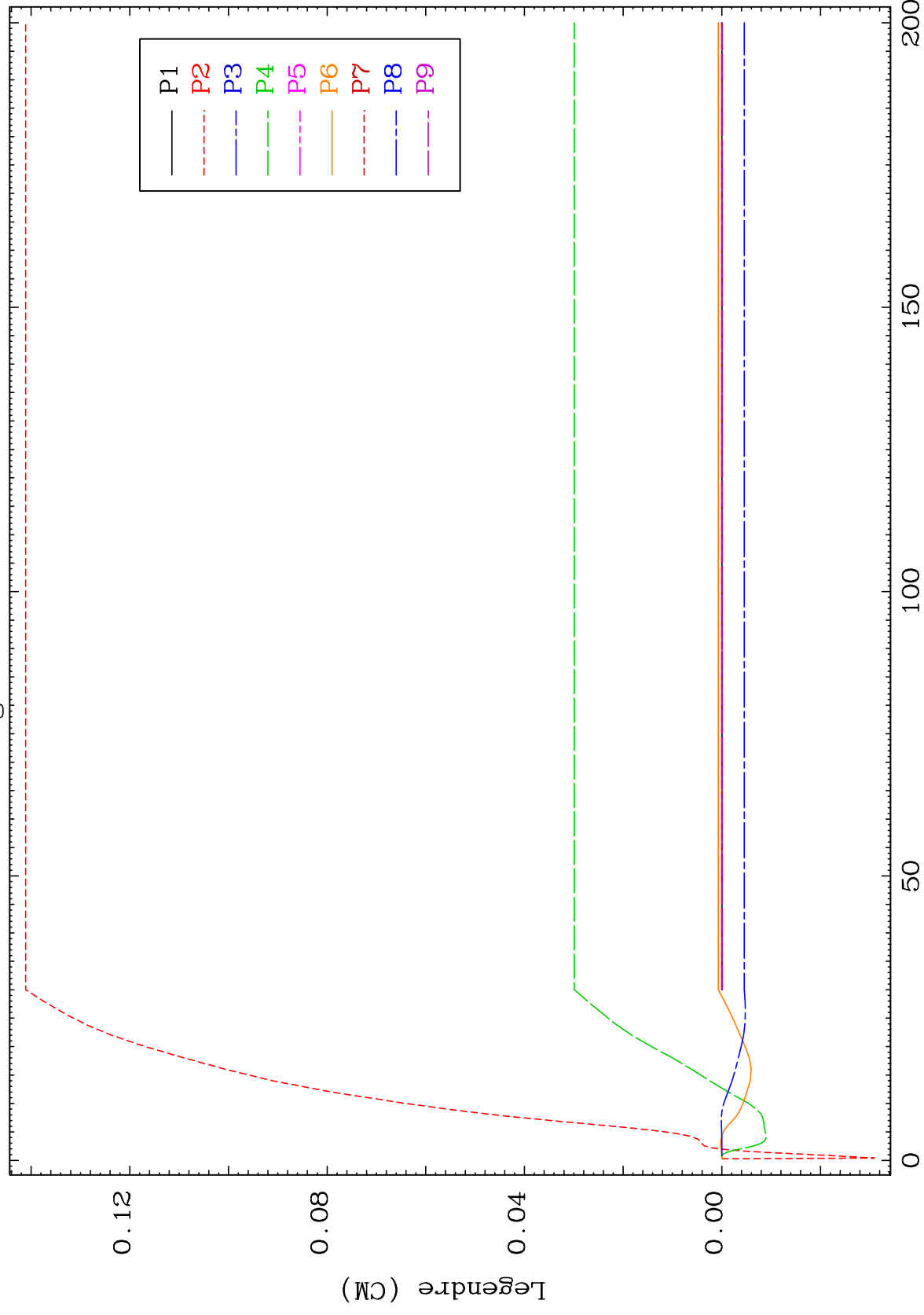
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



23

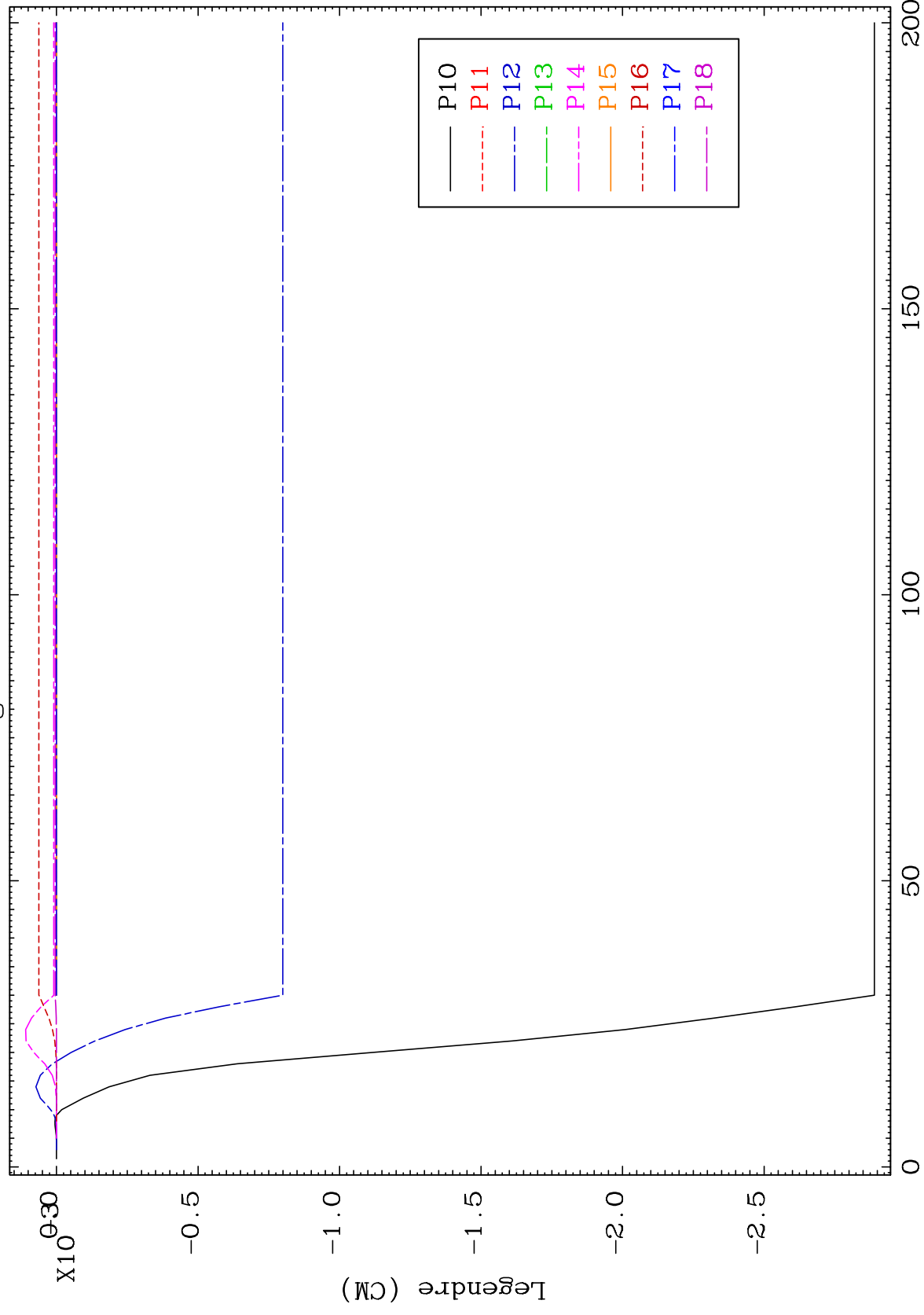
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



24

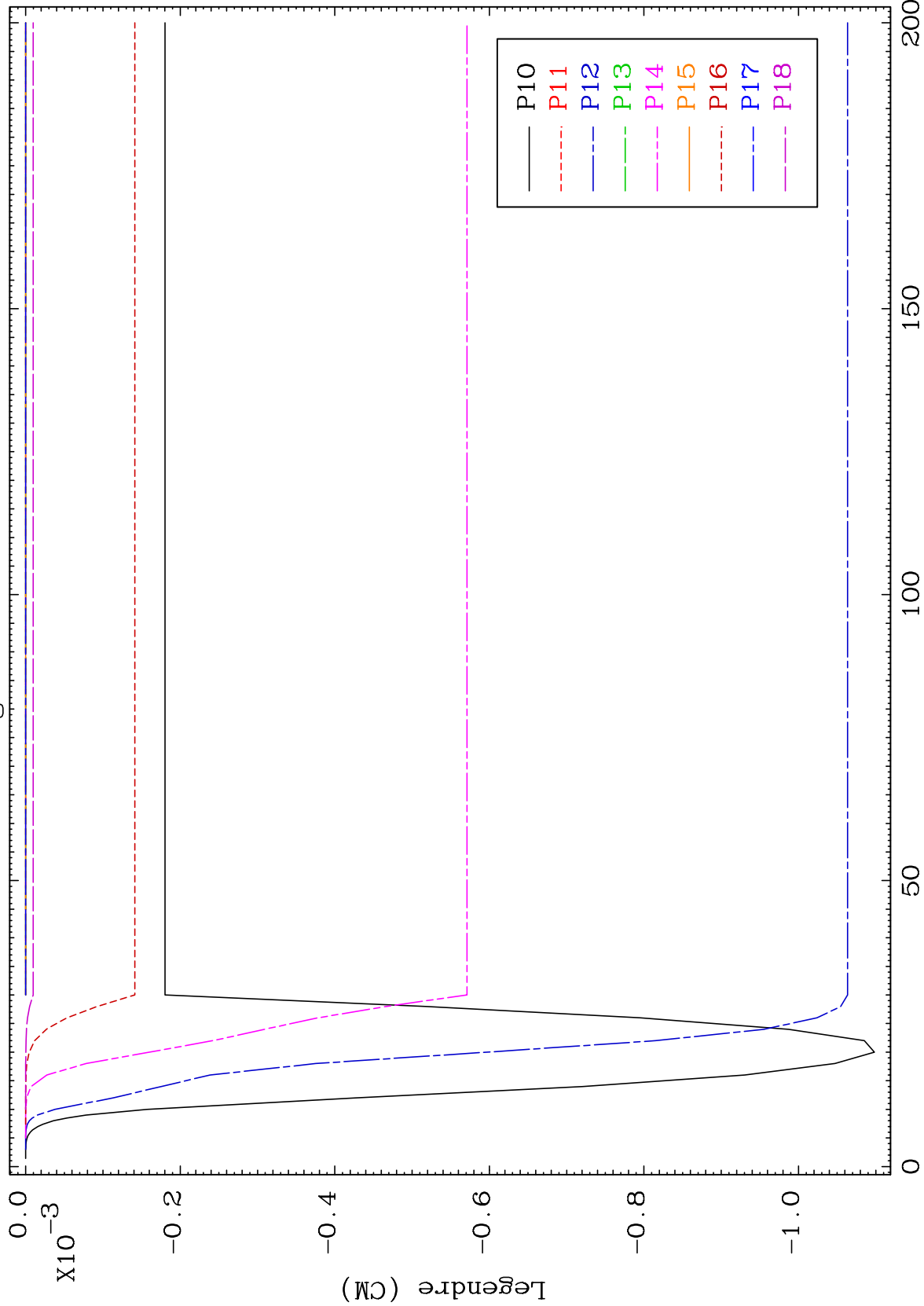
Incident Energy (MeV)

39-Y -85

MAT 3913

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

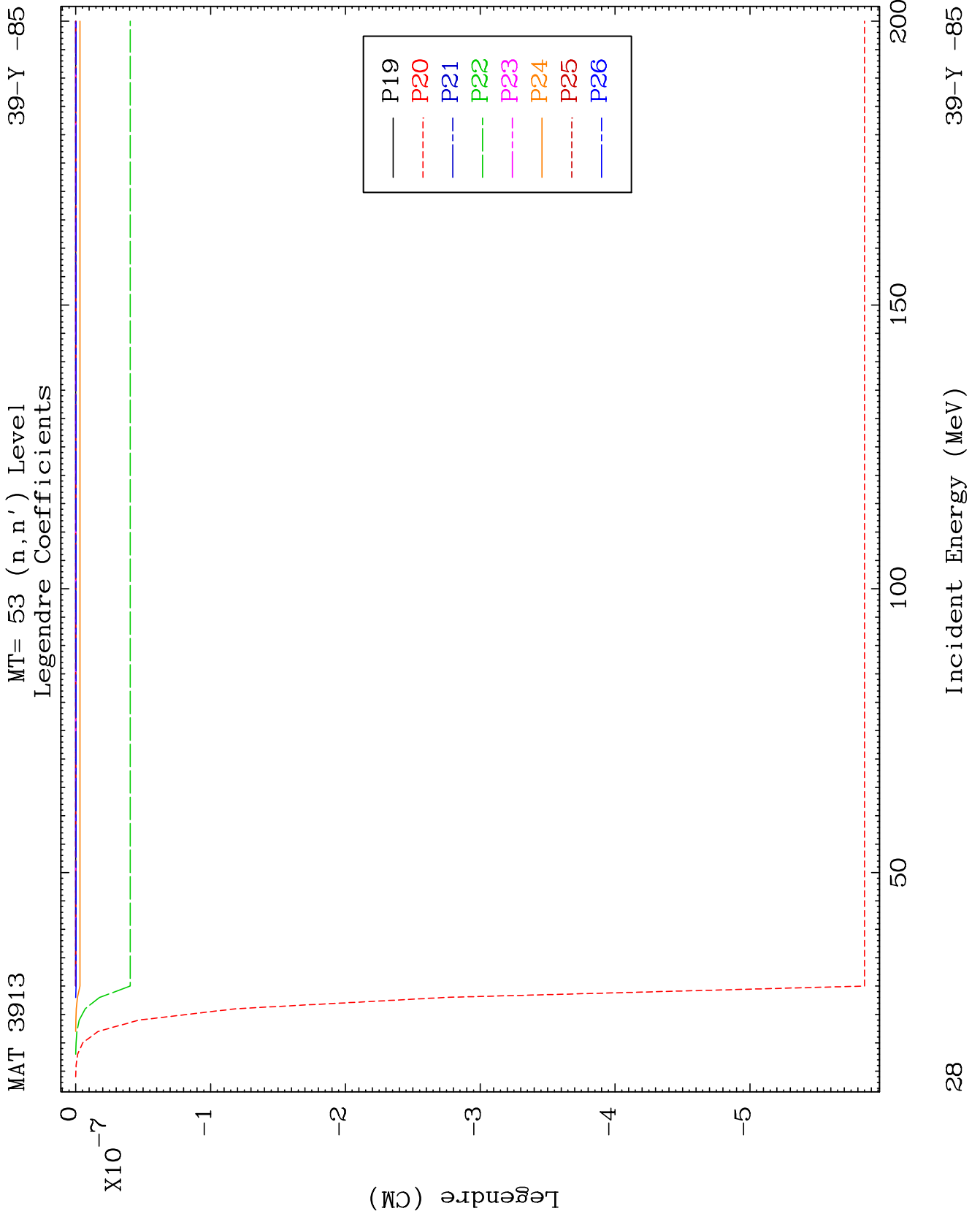
39-Y -85

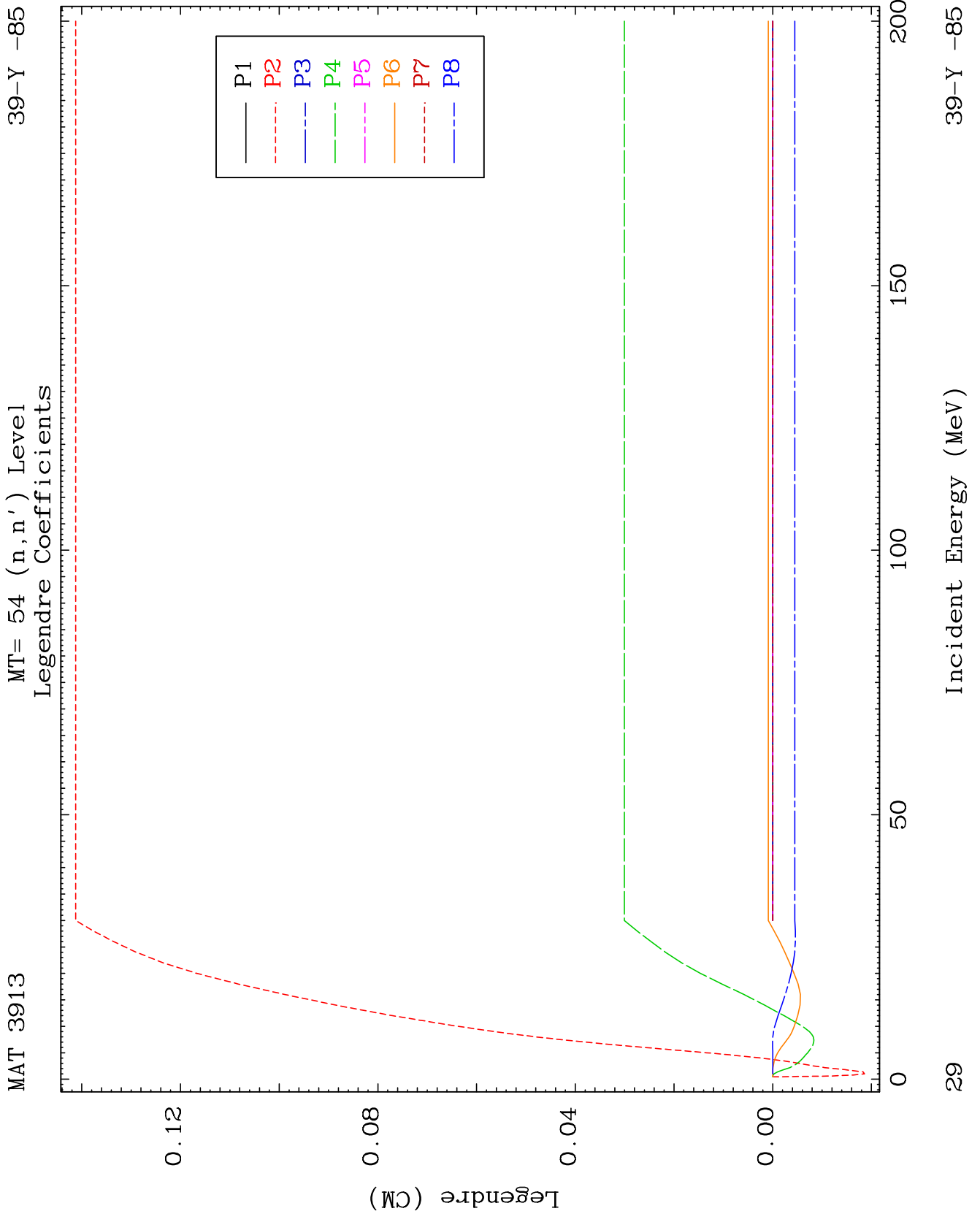


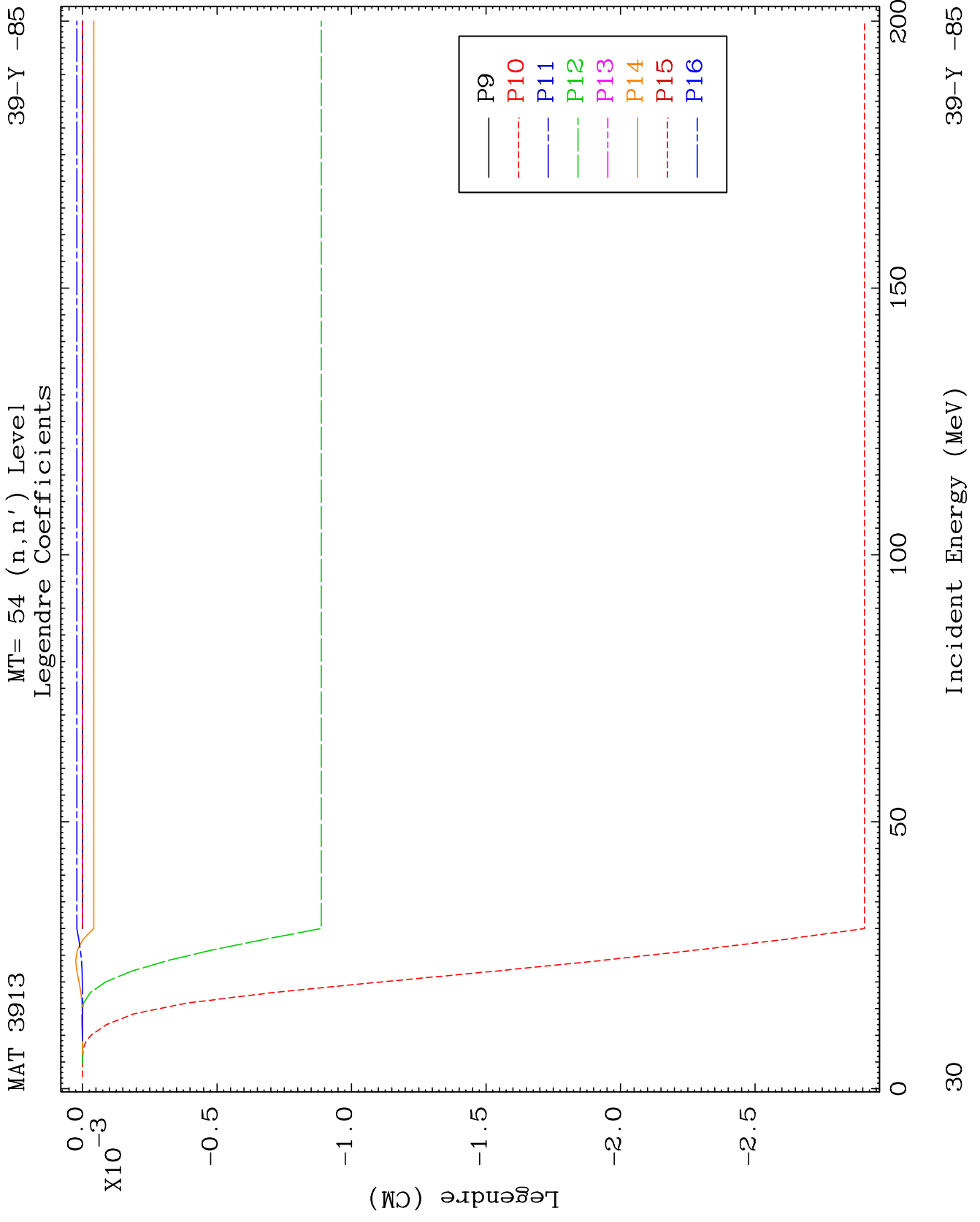
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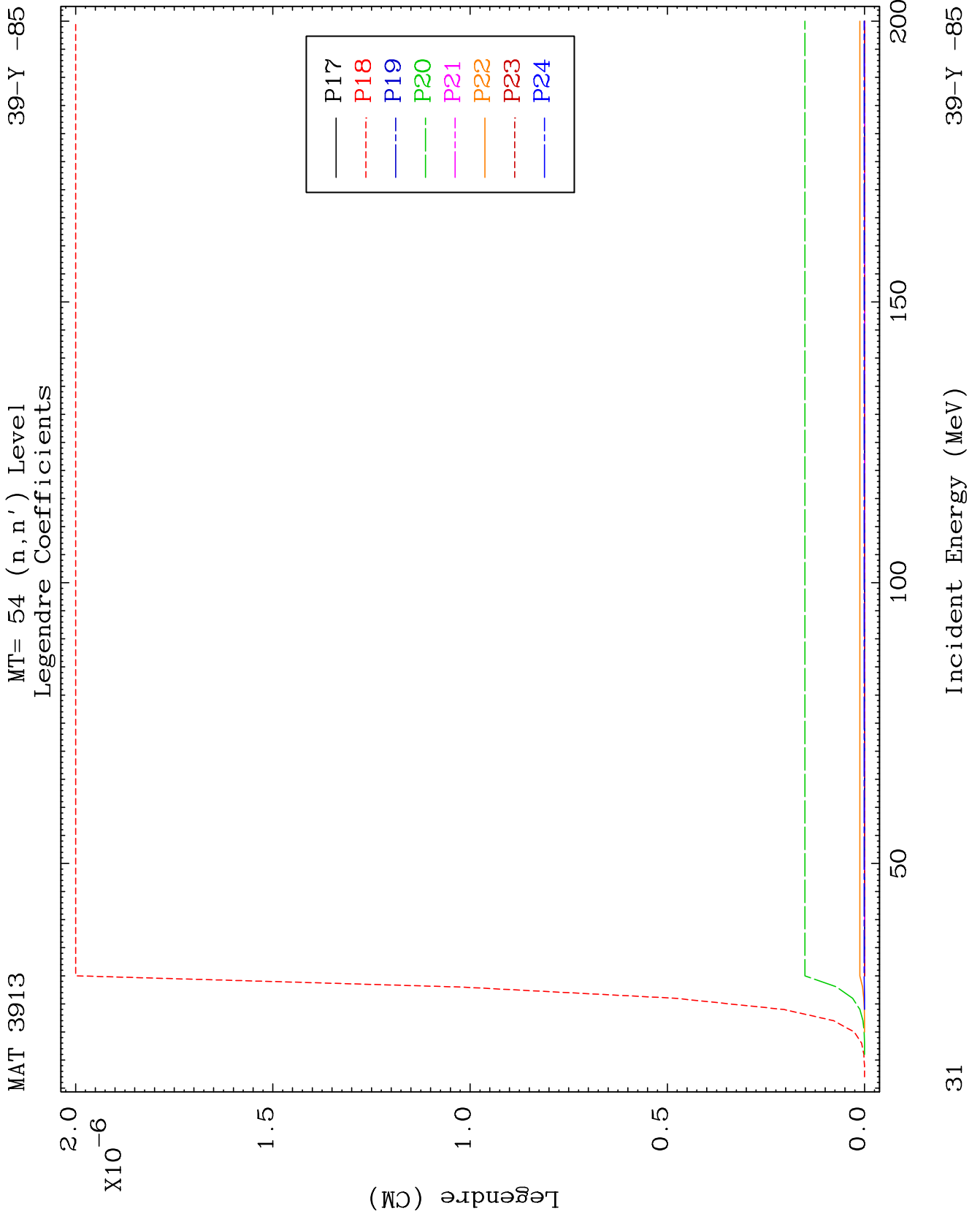
Incident Energy (MeV)

39-Y -85





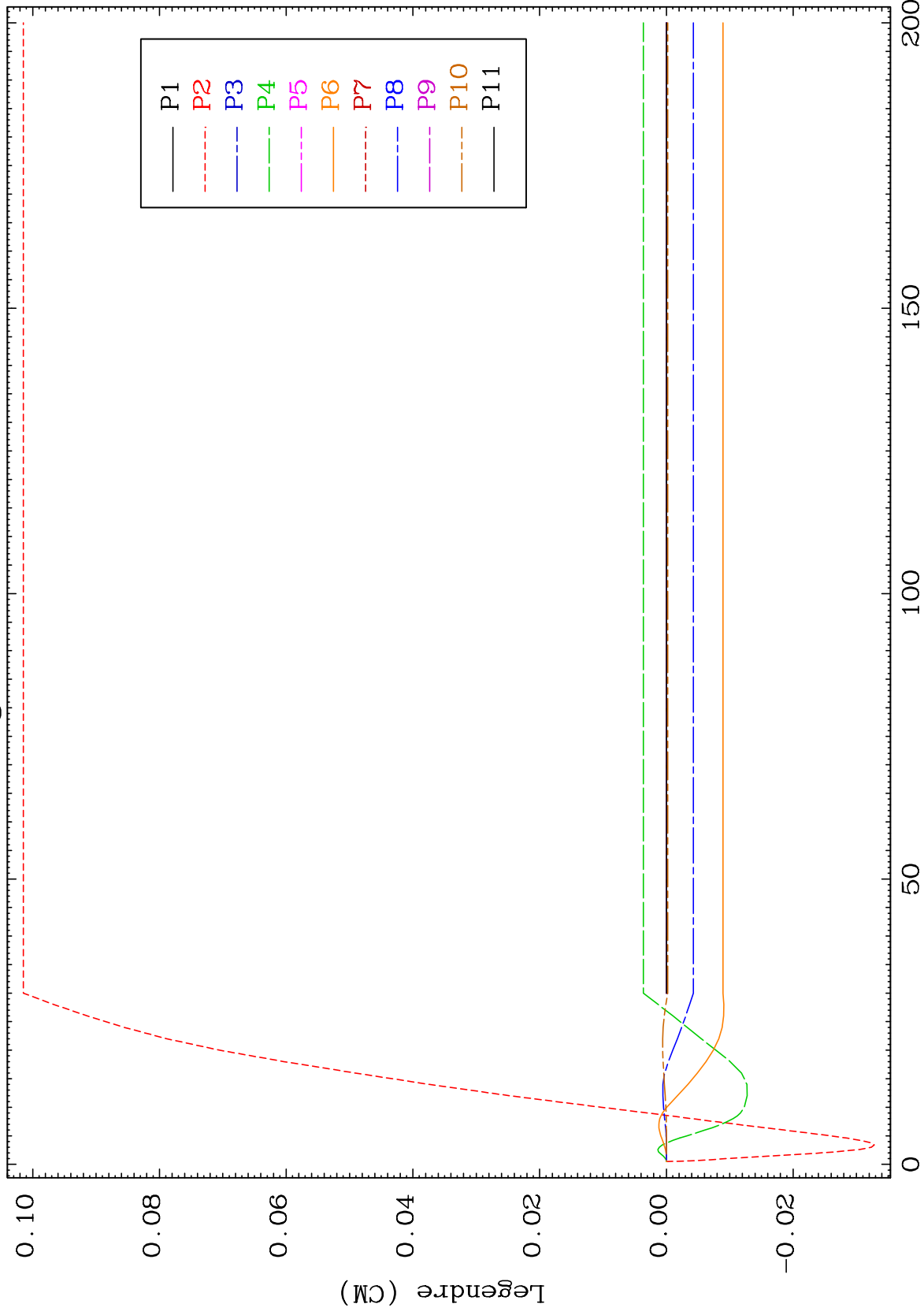




MAT 3913

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

39-Y -85



32

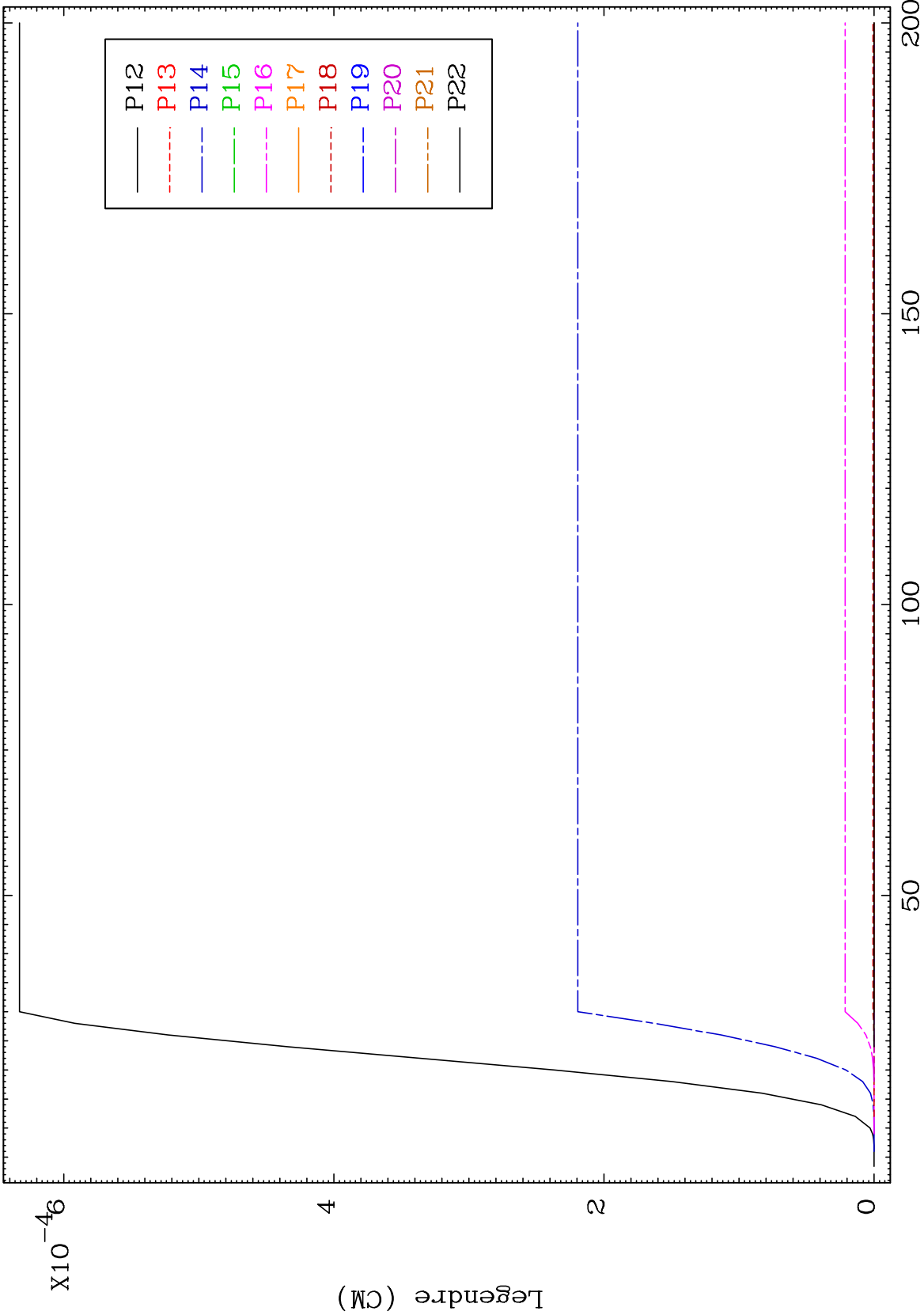
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



33

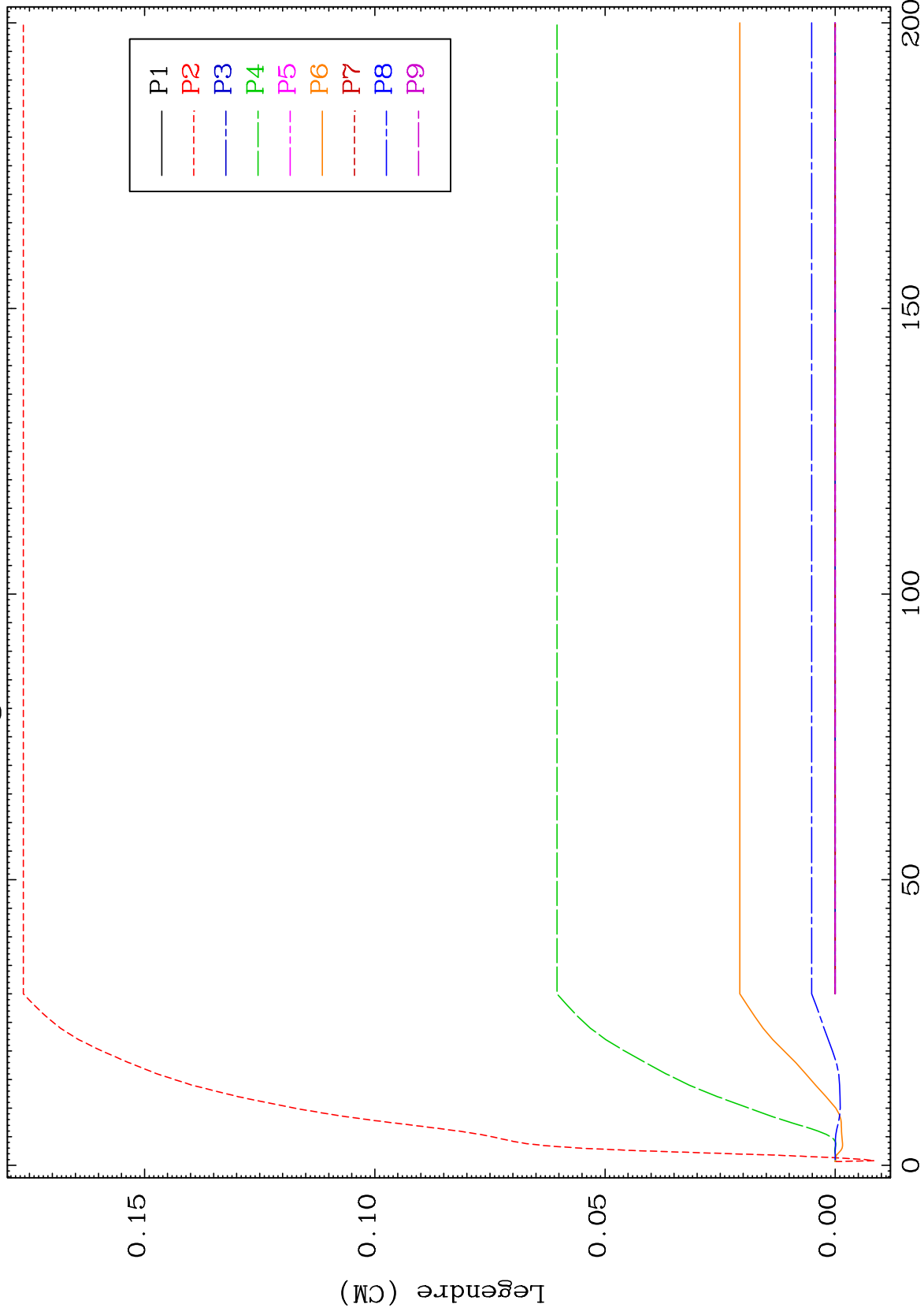
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



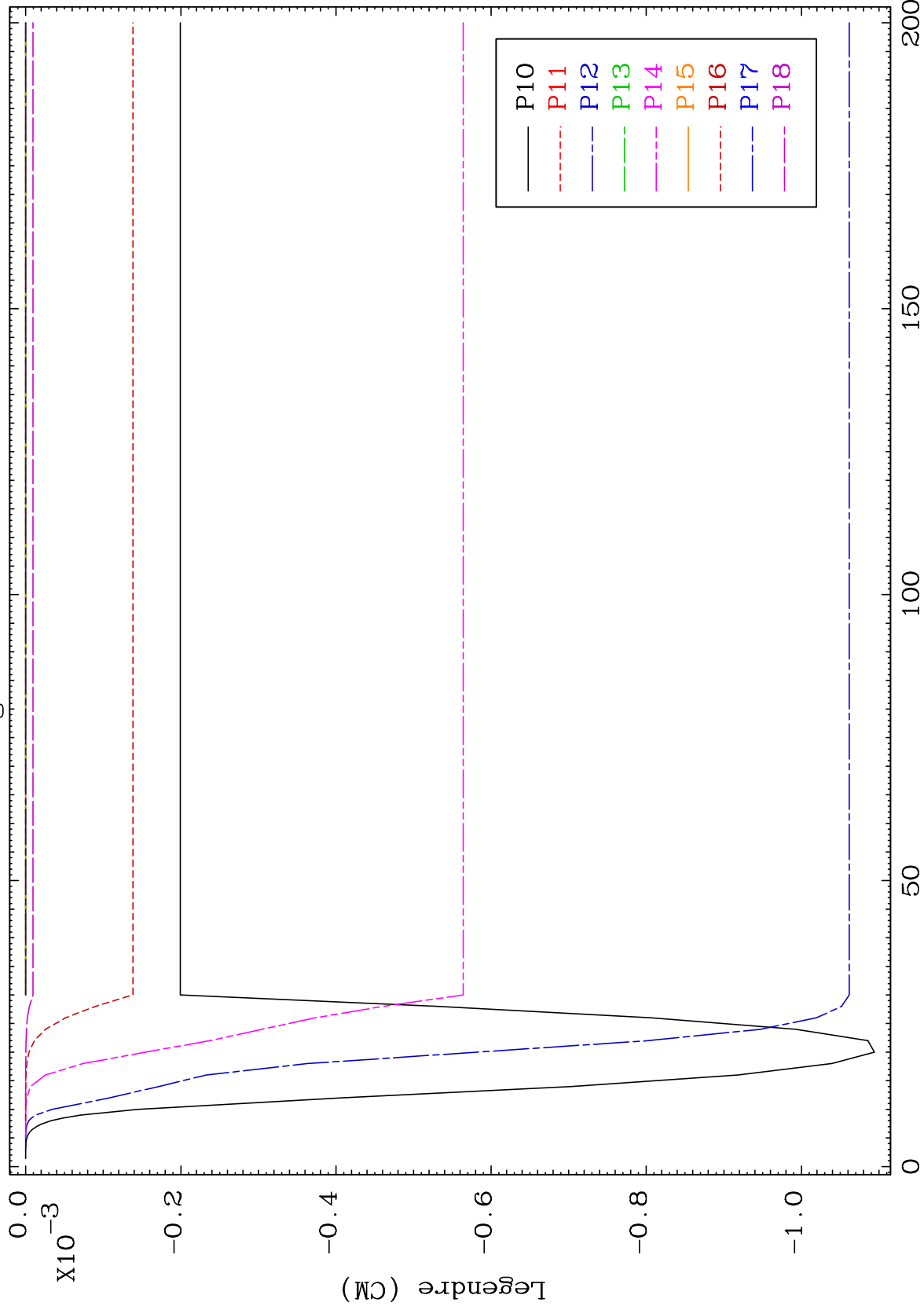
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Incident Energy (MeV)

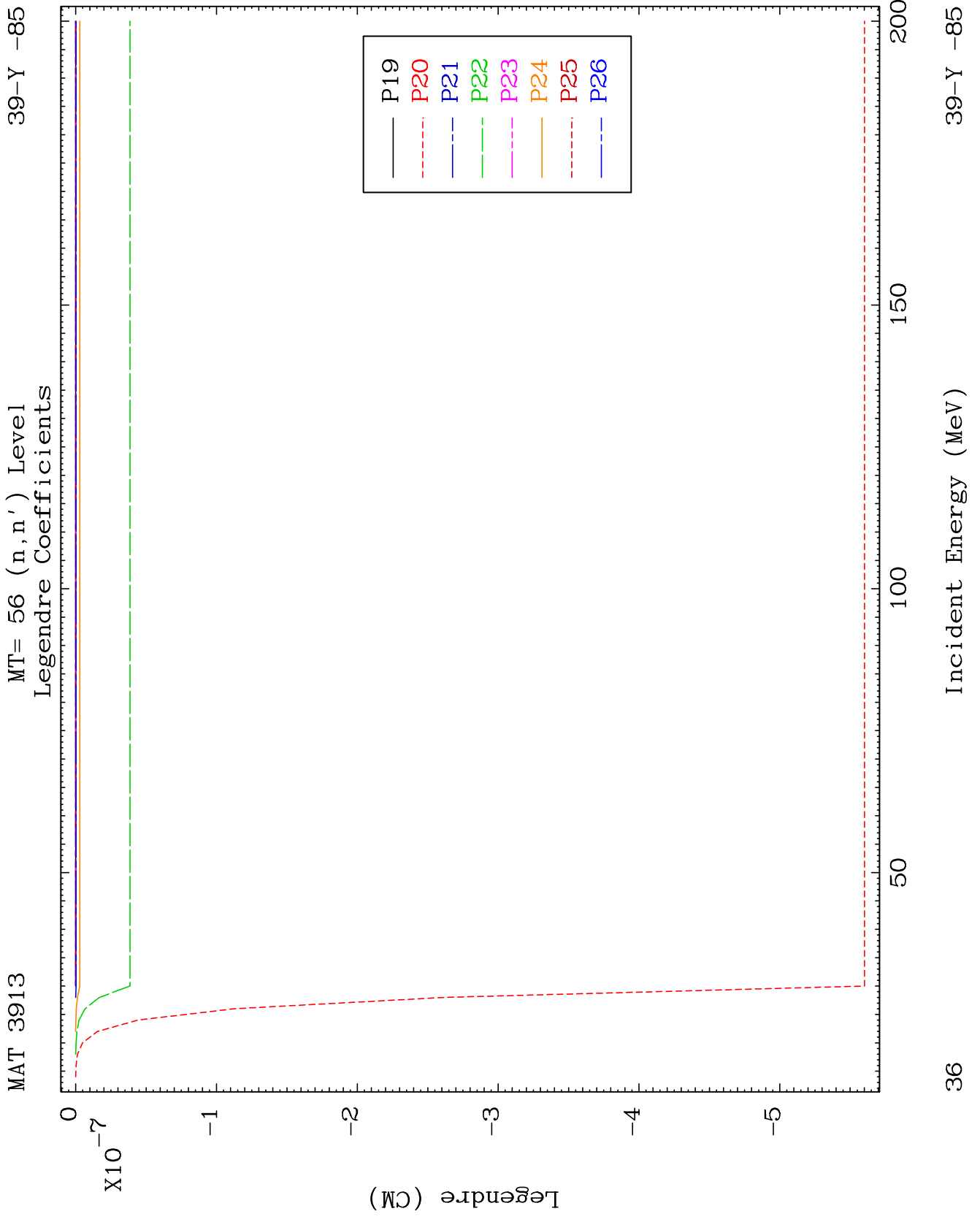
39-Y -85

MAT 3913 MT= 56 (n,n') Level 39-Y -85

Legendre Coefficients



35 Incident Energy (MeV) 39-Y -85

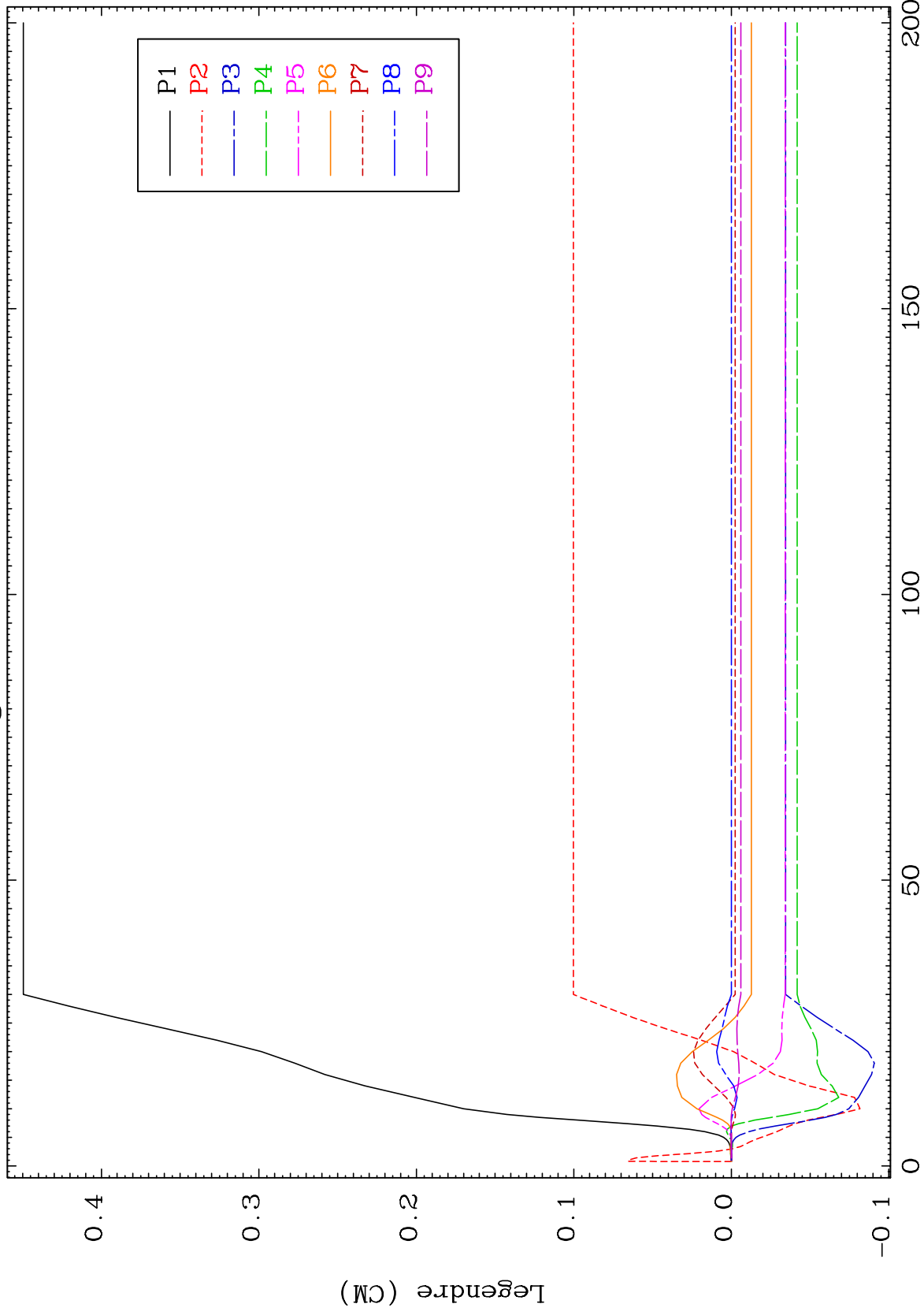


MAT 3913

MT= 57 (n,n') Level

39-Y -85

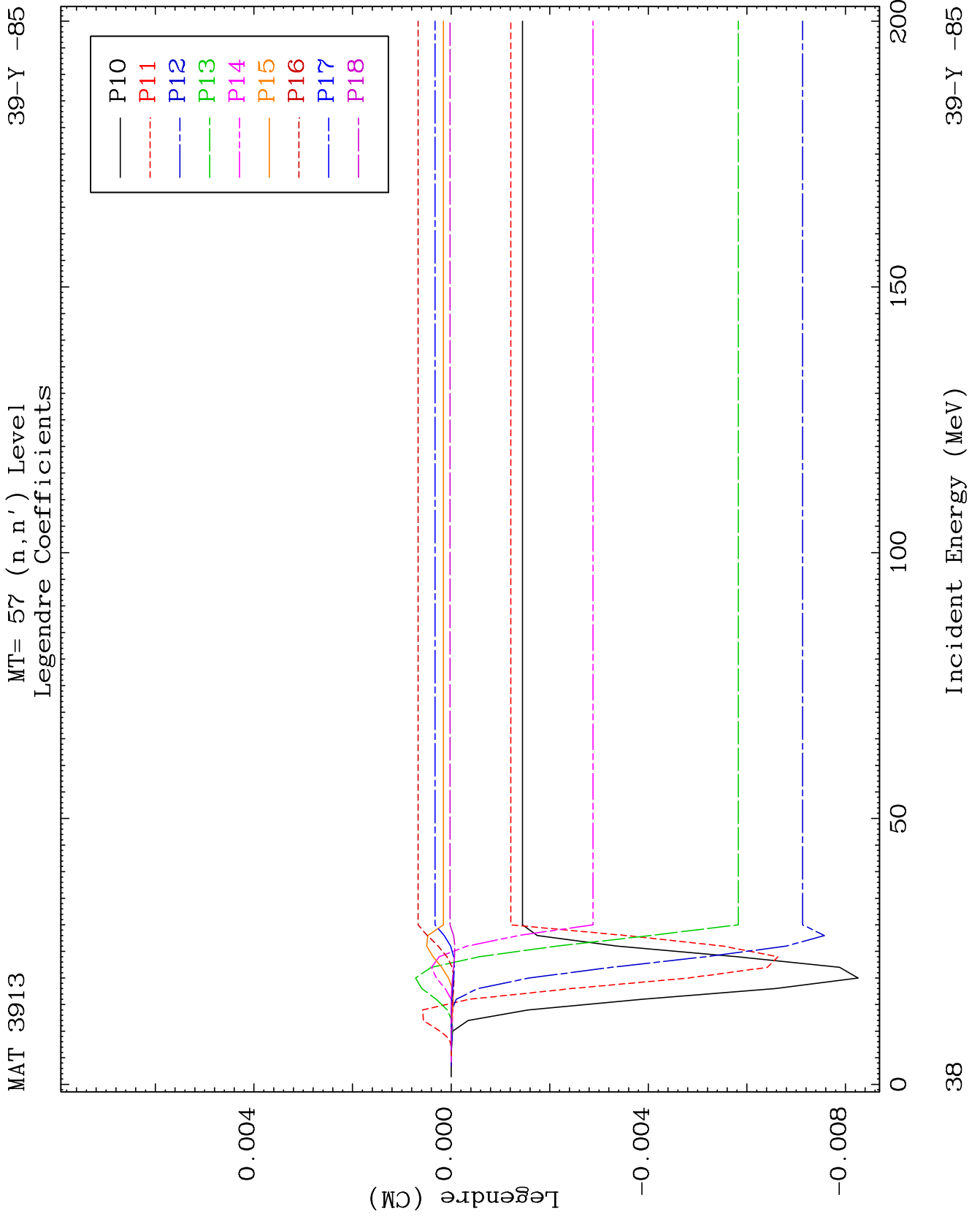
Legendre Coefficients



37

Incident Energy (MeV)

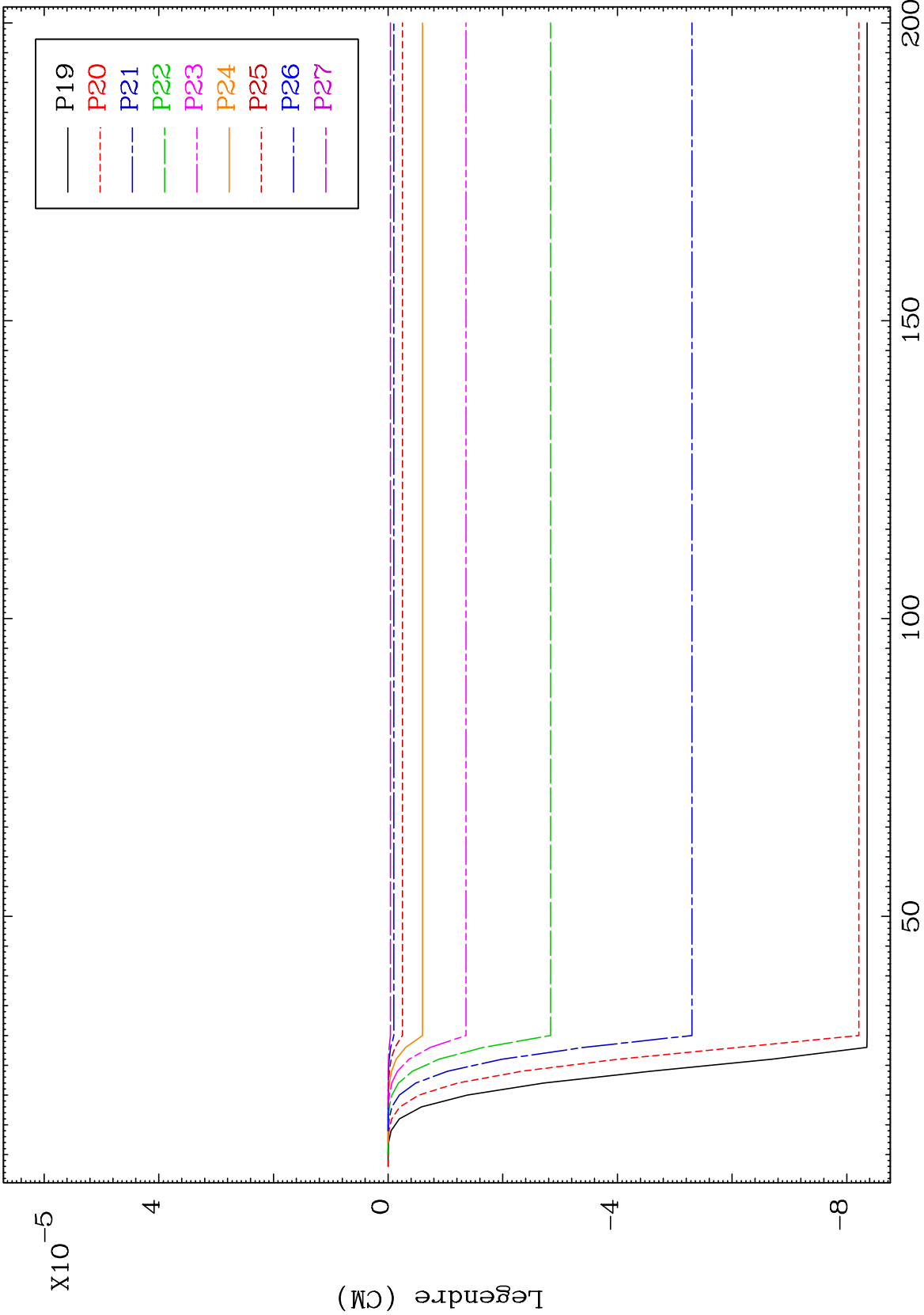
39-Y -85



MAT 3913

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

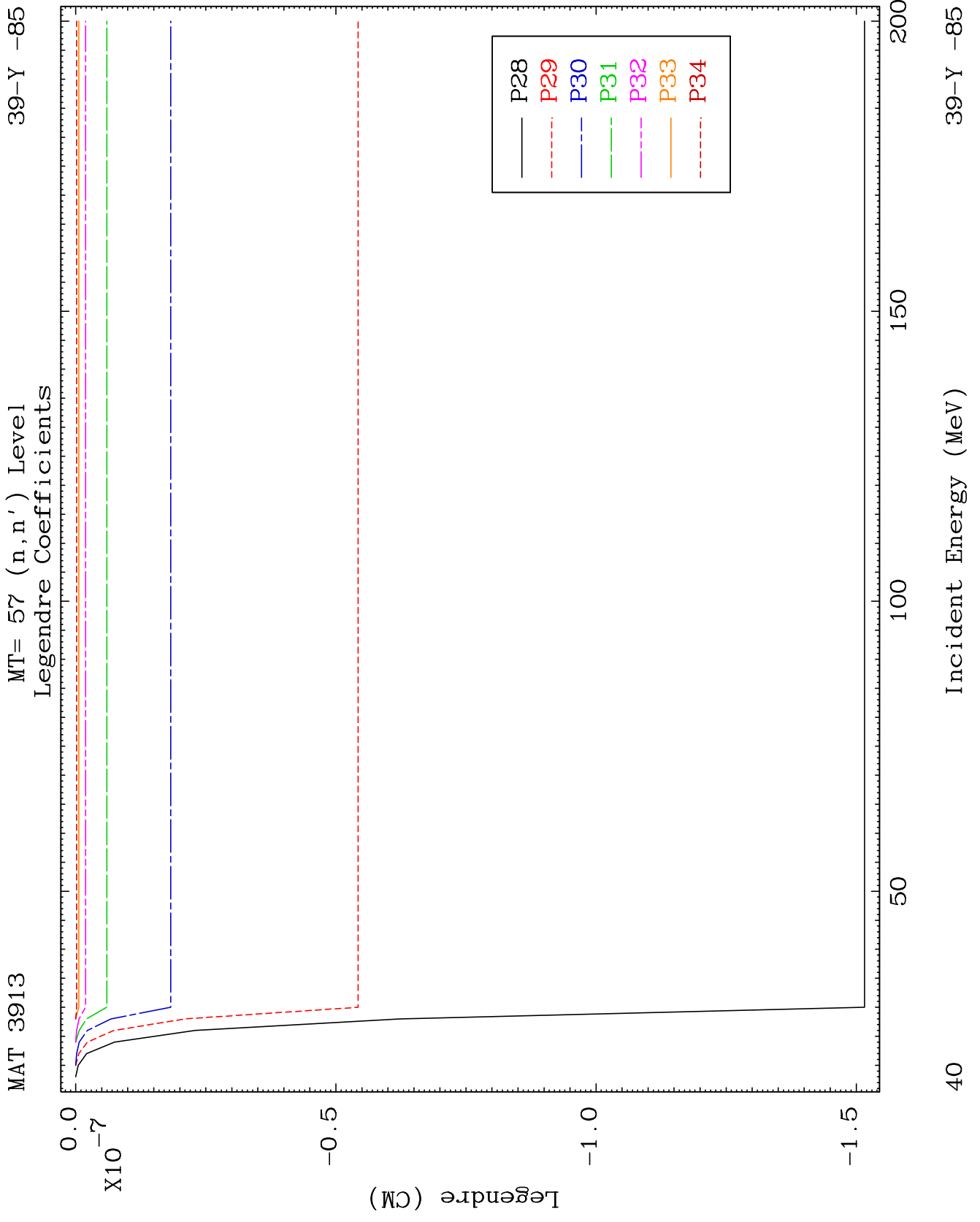
39-Y -85



39

Incident Energy (MeV)

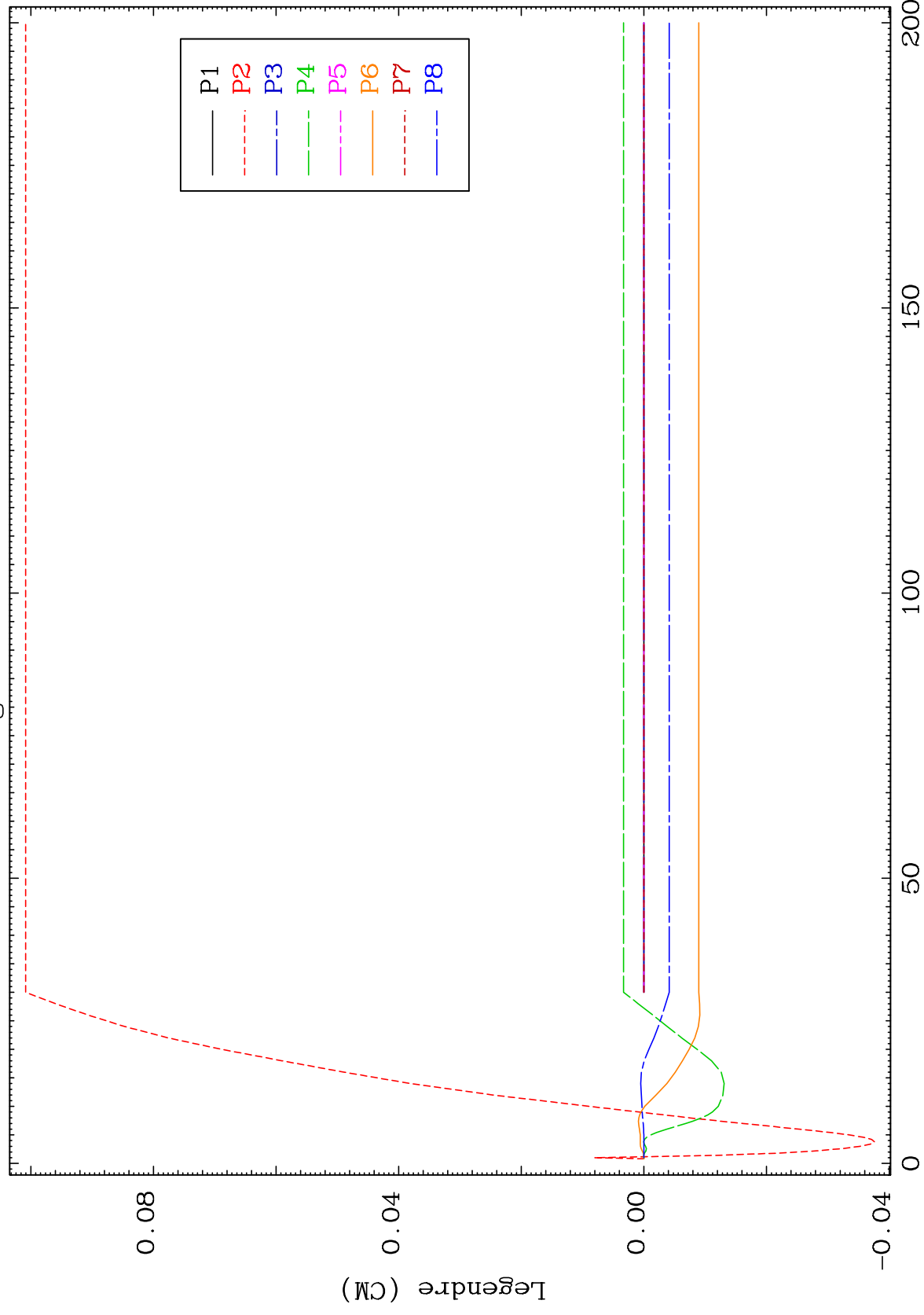
39-Y -85



MAT 3913

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

39-Y -85



41

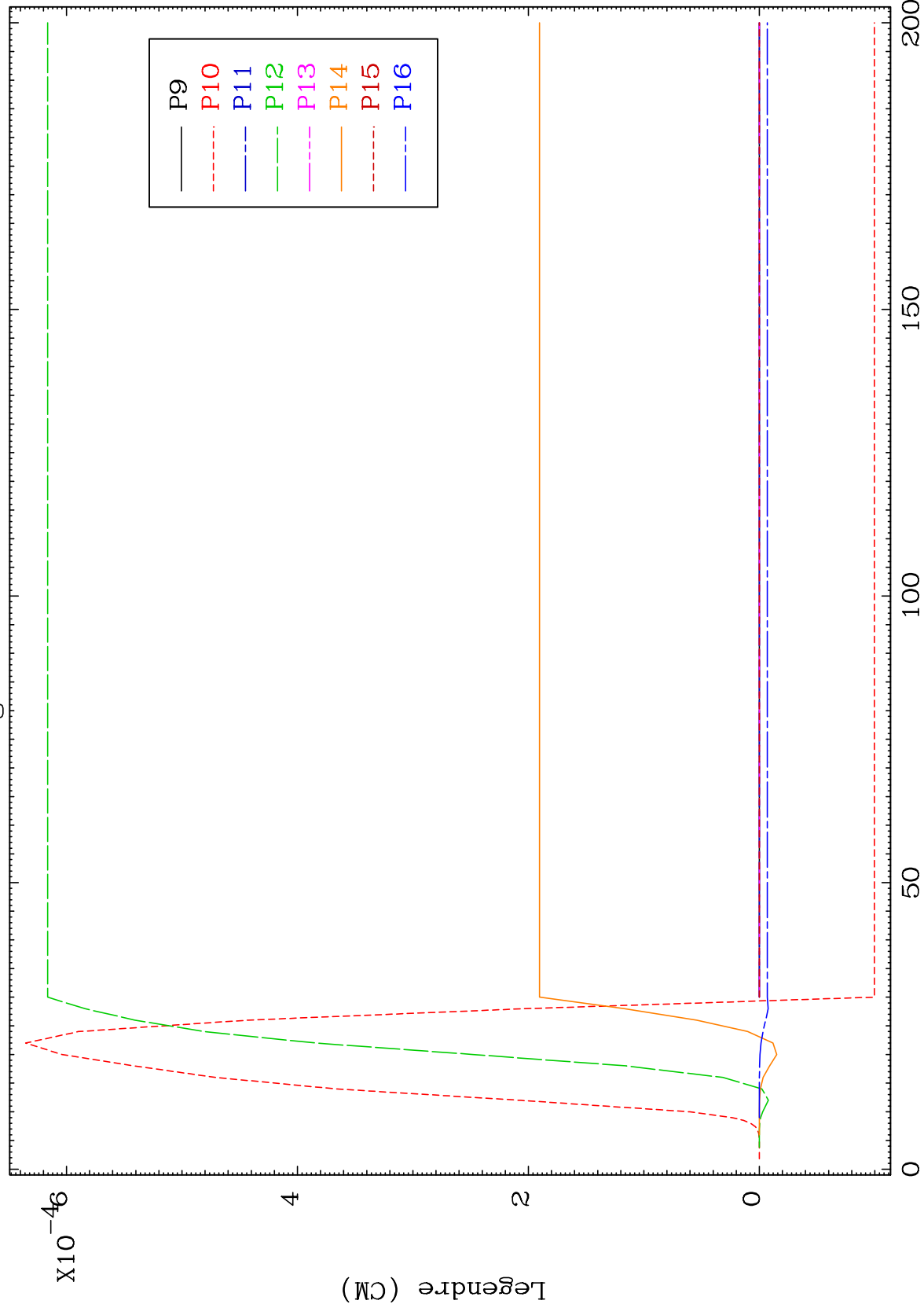
Incident Energy (MeV)

39-Y -85

MAT 3913

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

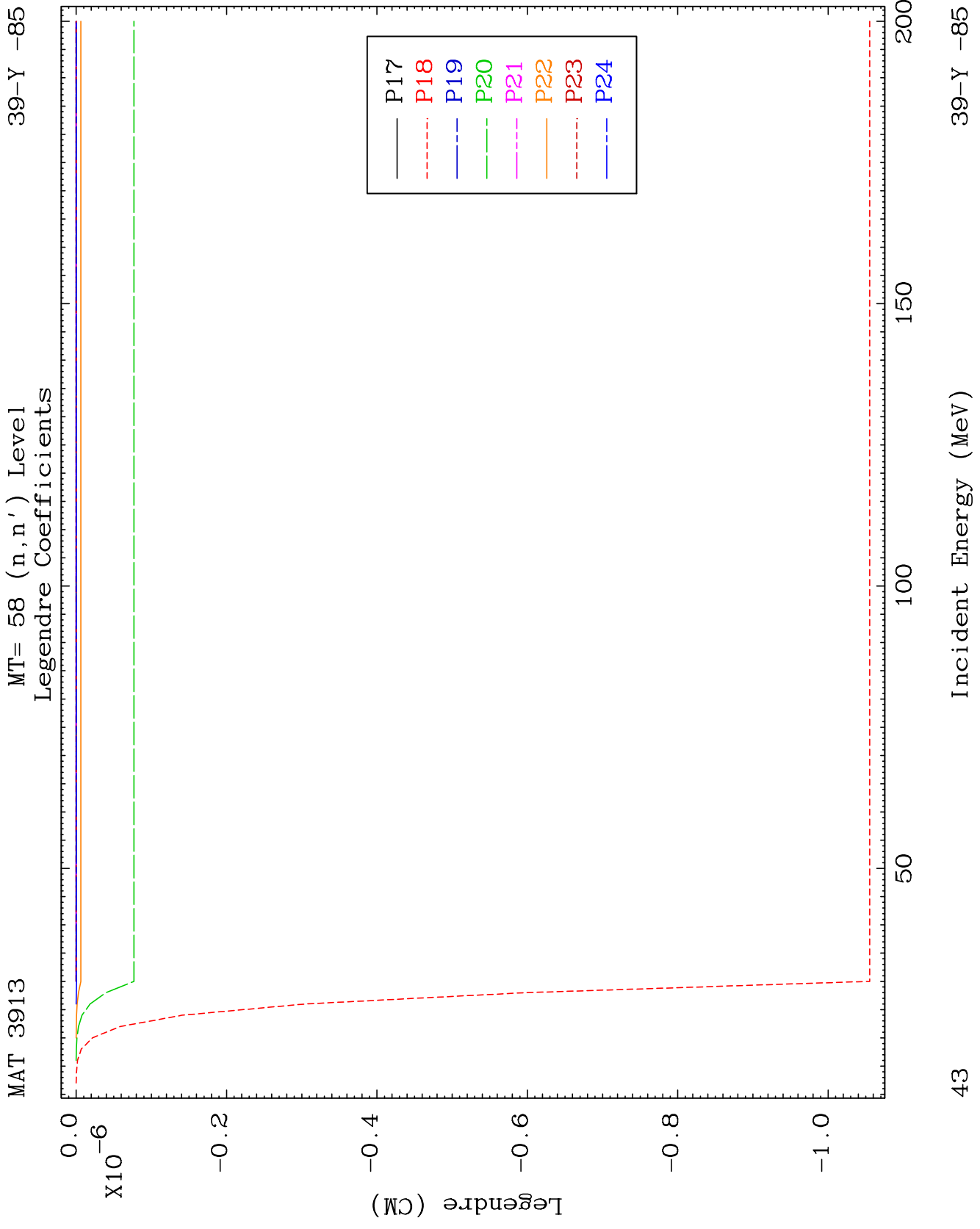
39-Y -85



42

Incident Energy (MeV)

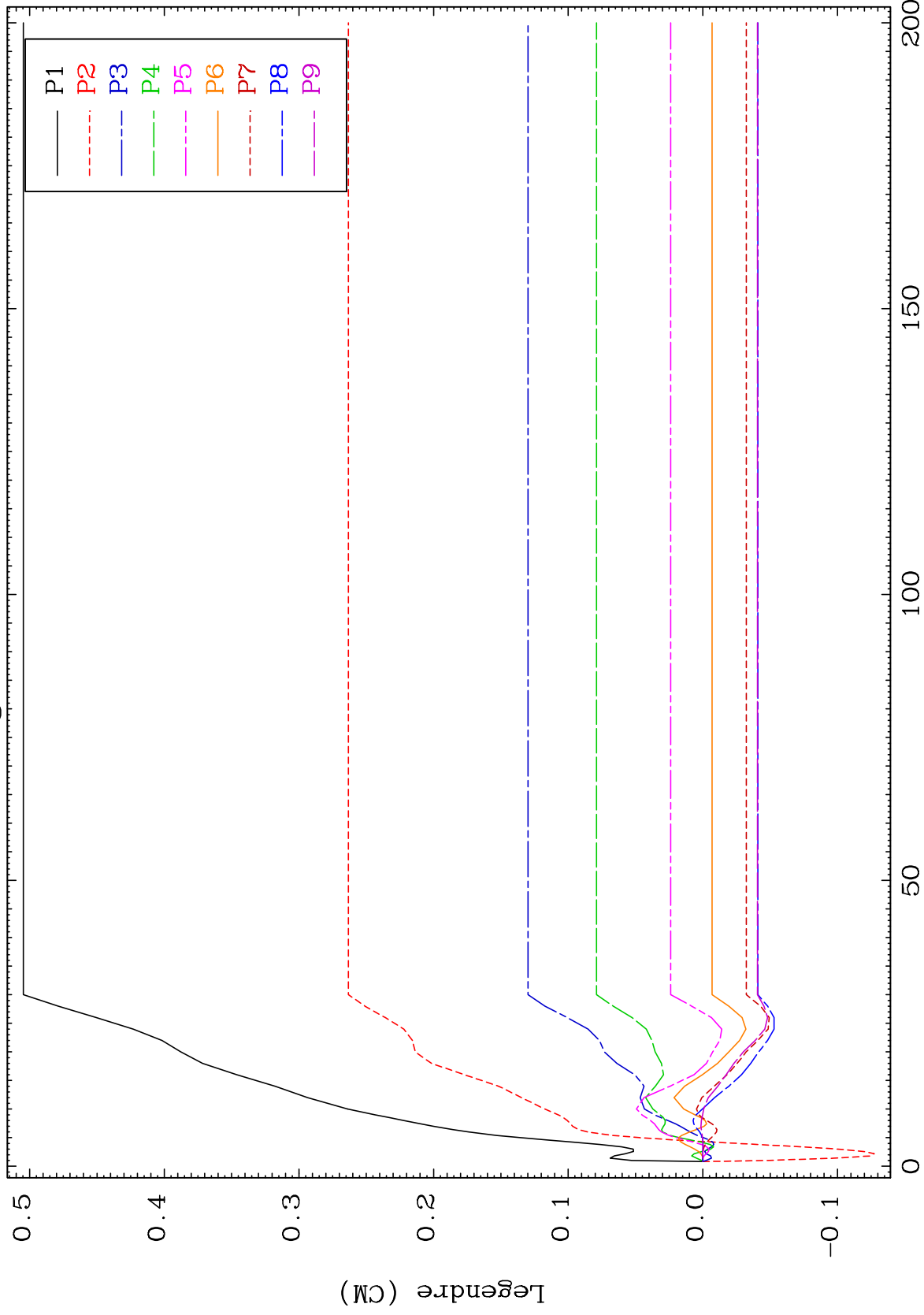
39-Y -85



MAT 3913

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

39-Y -85



44

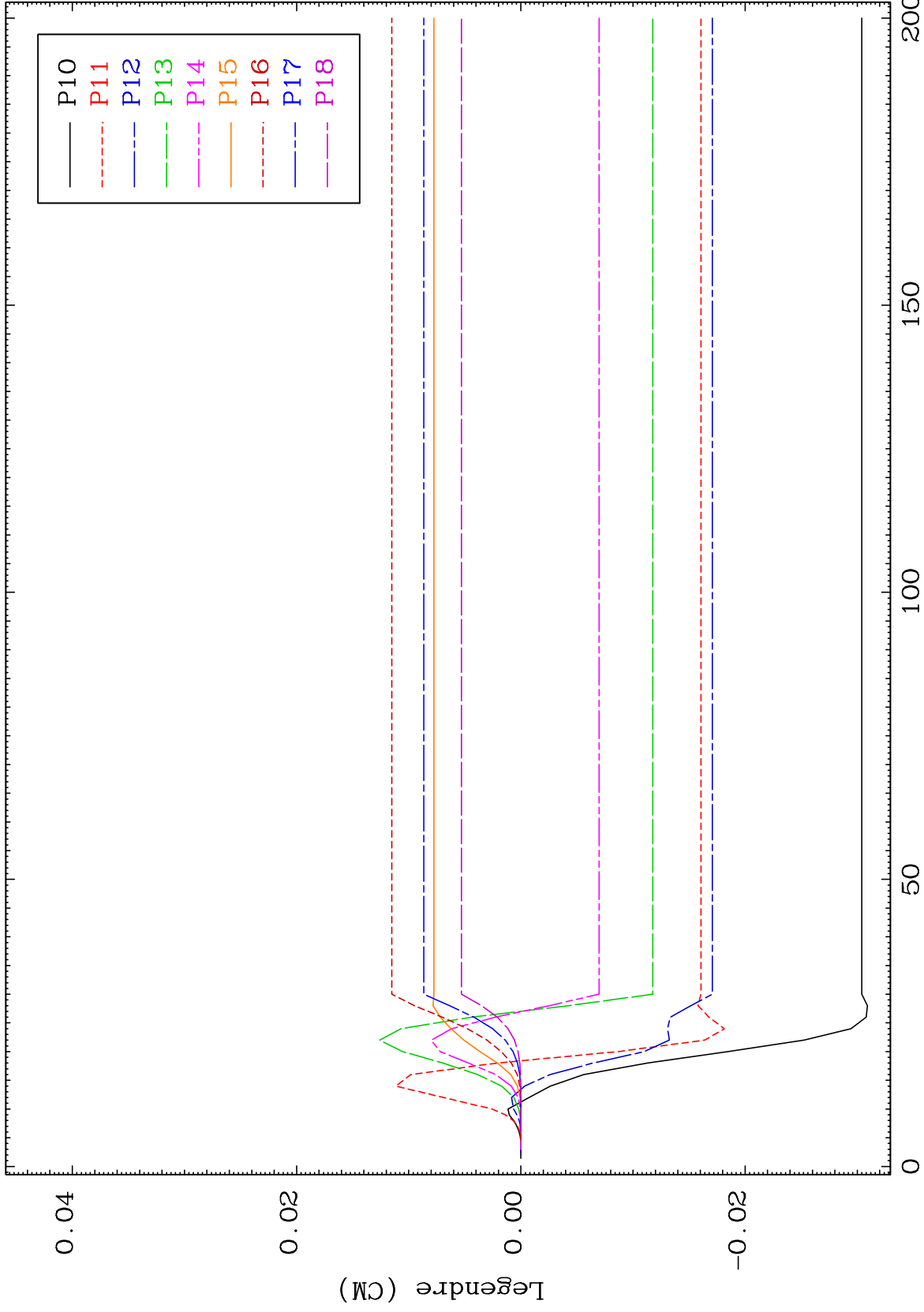
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



45

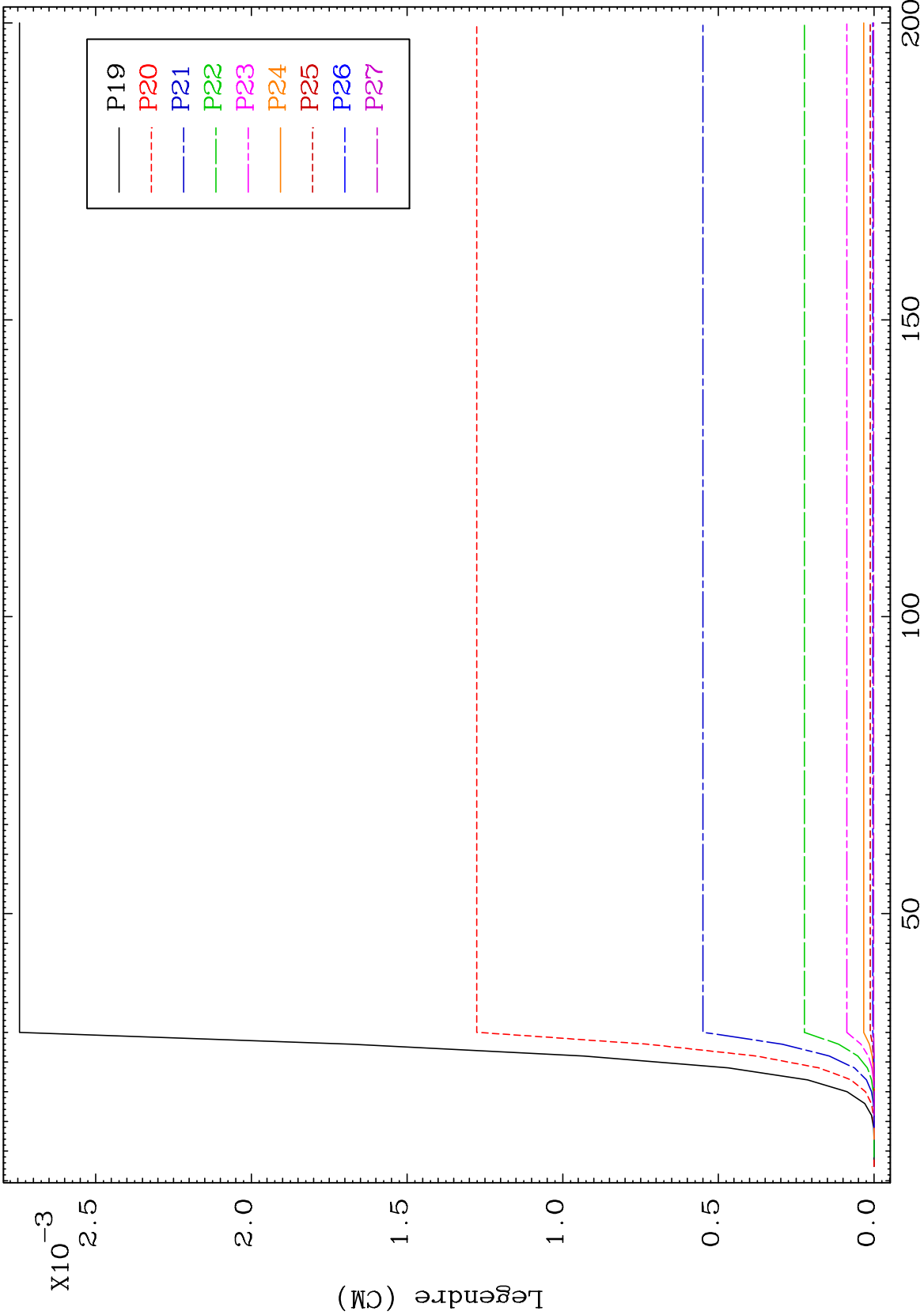
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



46

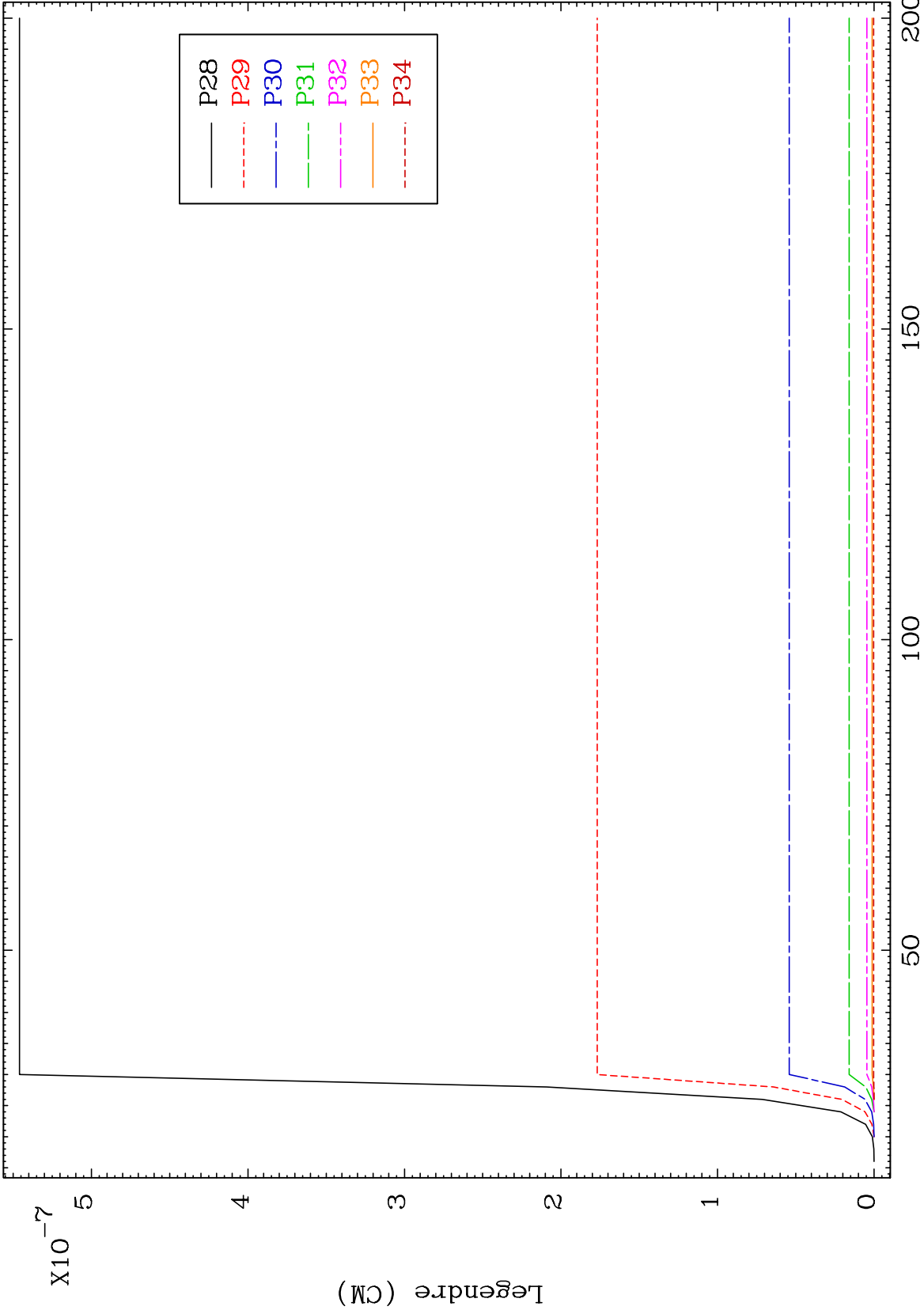
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



47

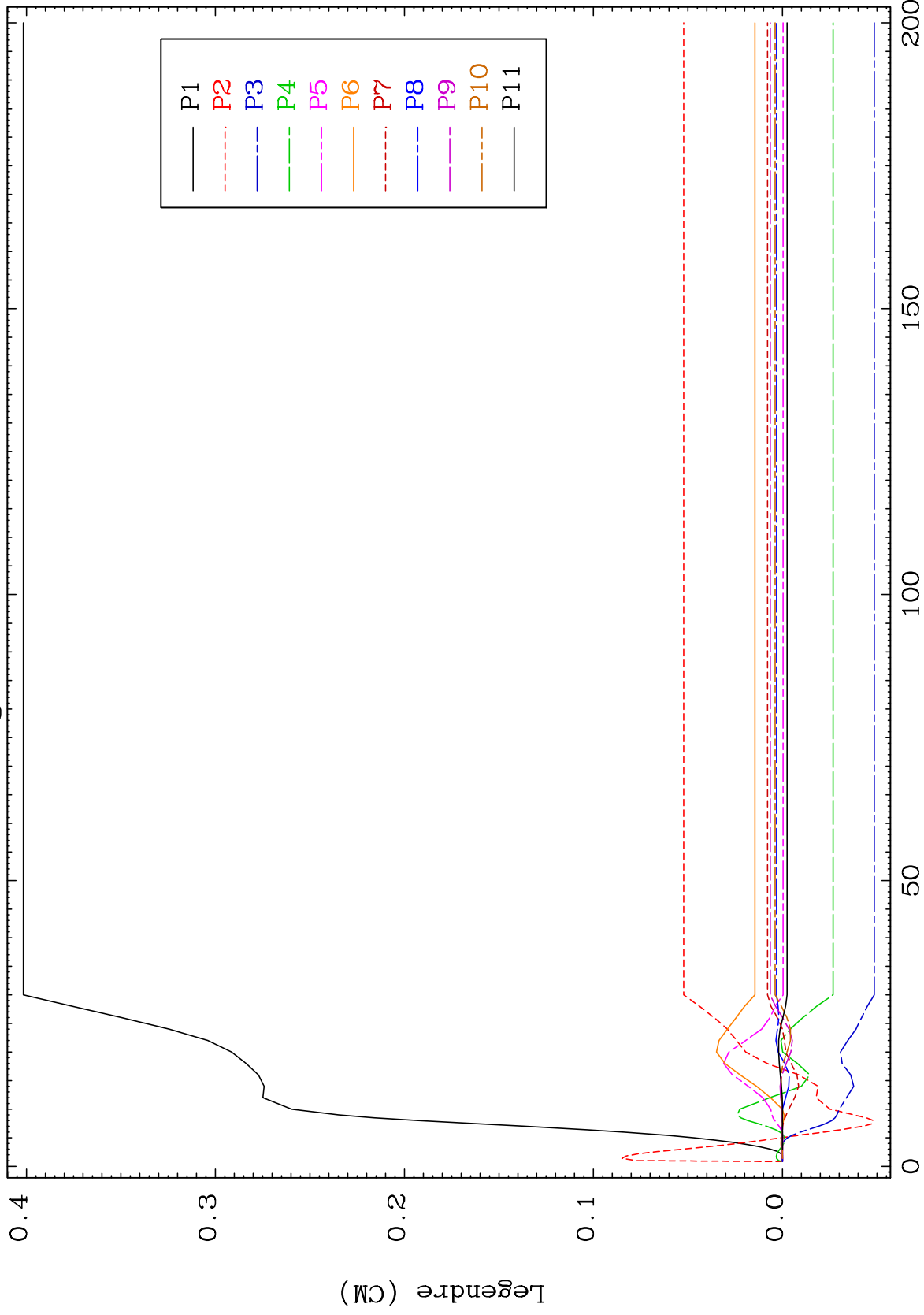
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



48

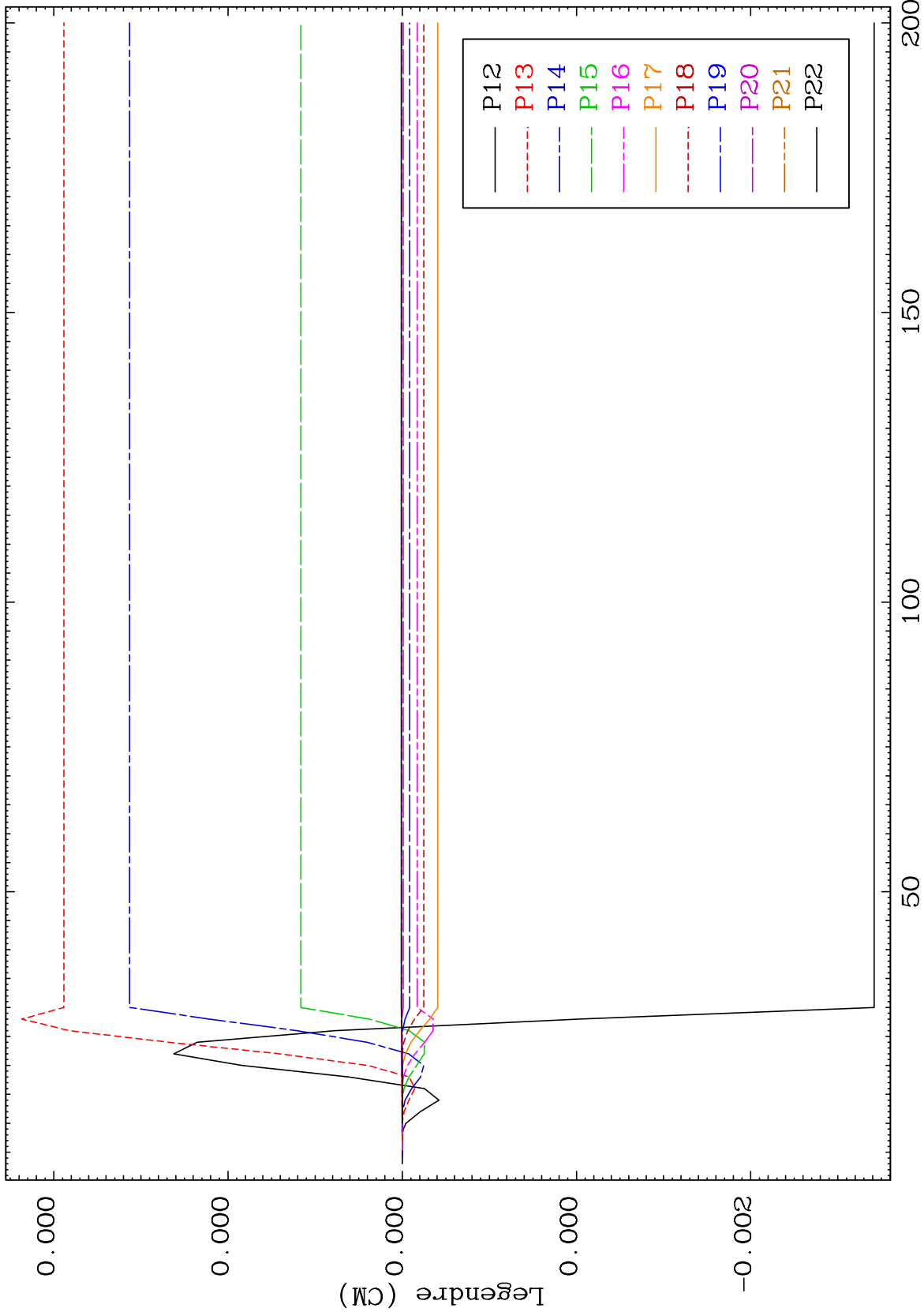
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



49

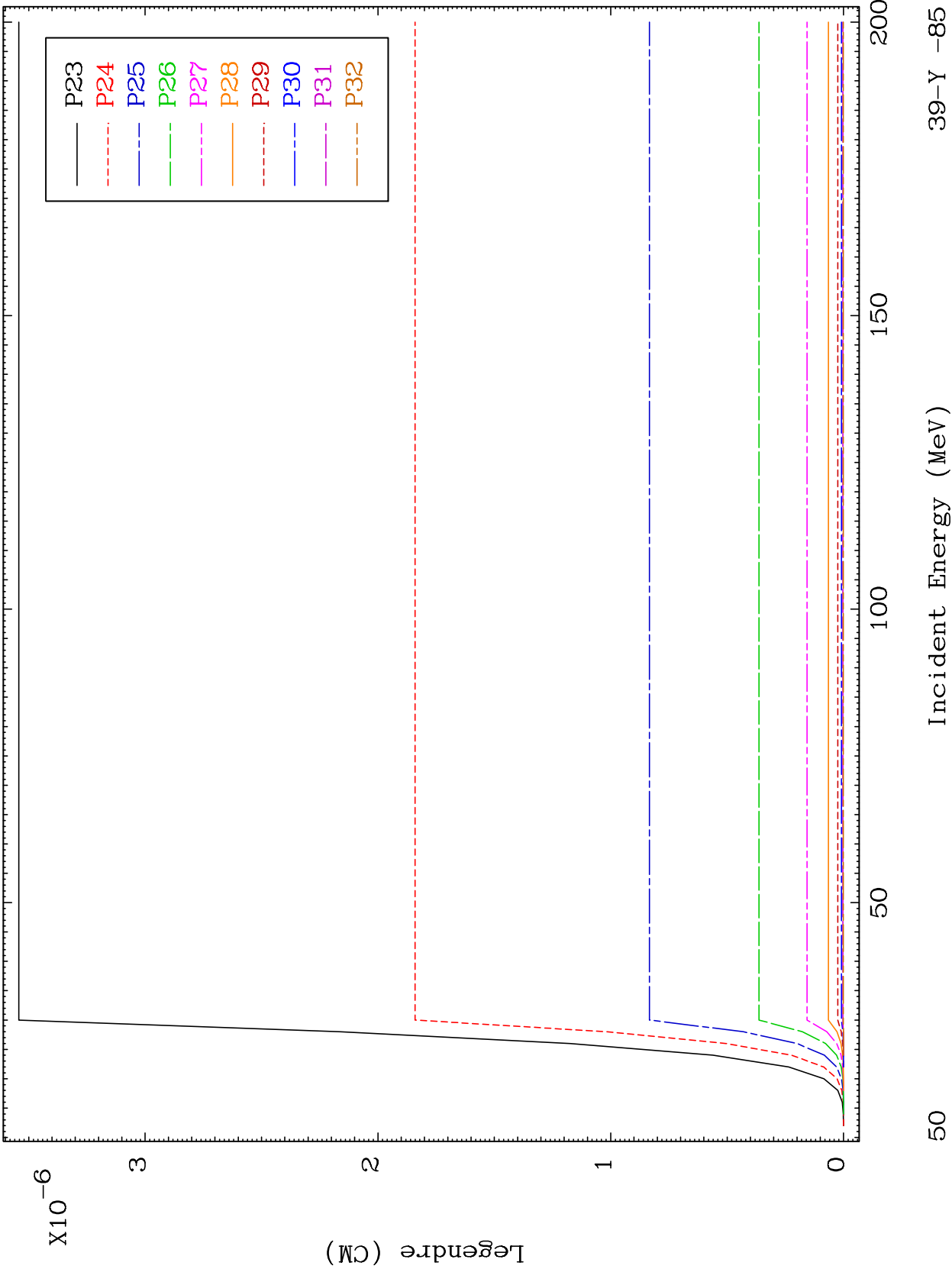
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



50

50

100

150

200

Incident Energy (MeV)

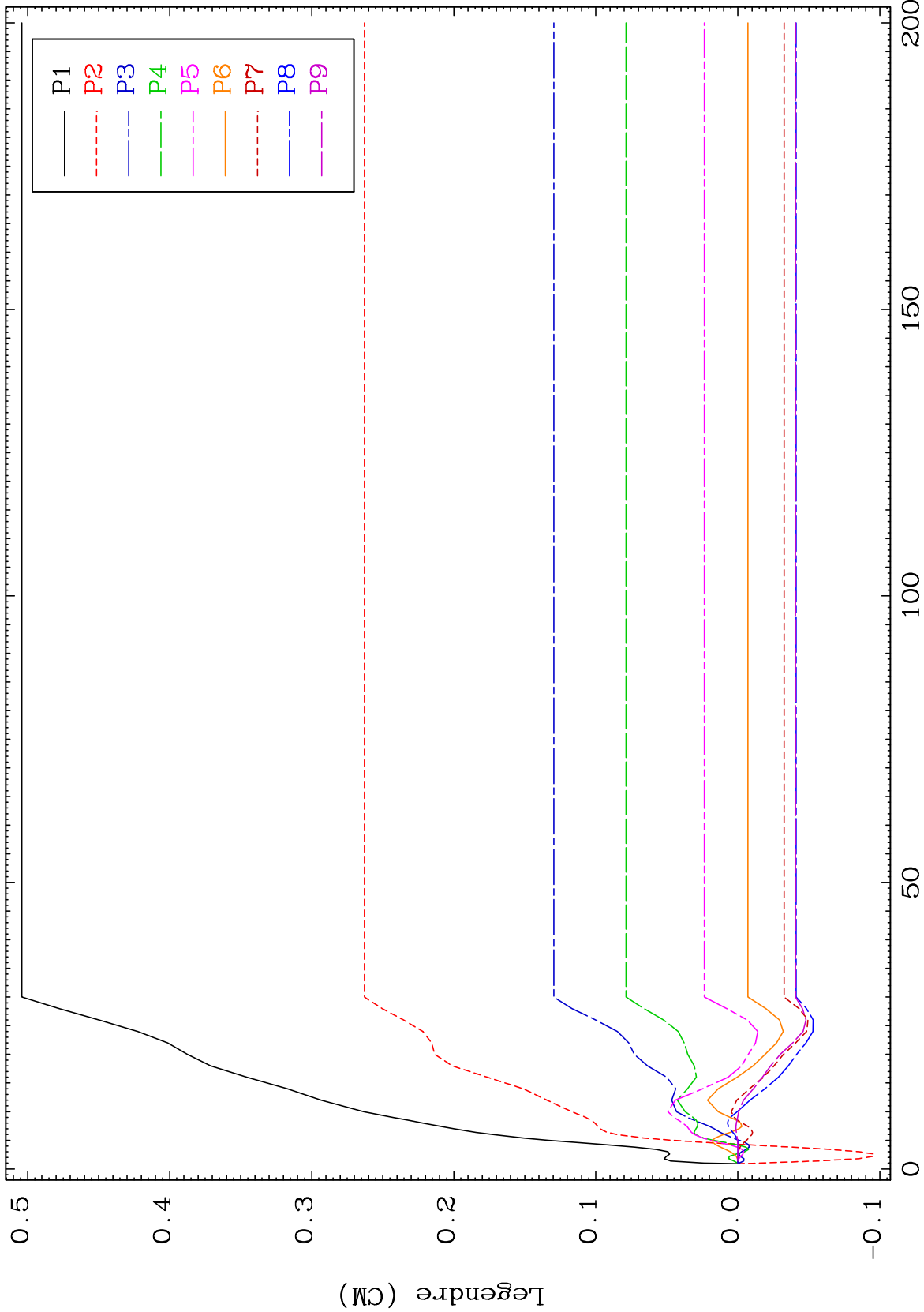
39-Y -85

MAT 3913

MT= 61 (n,n') Level

39-Y -85

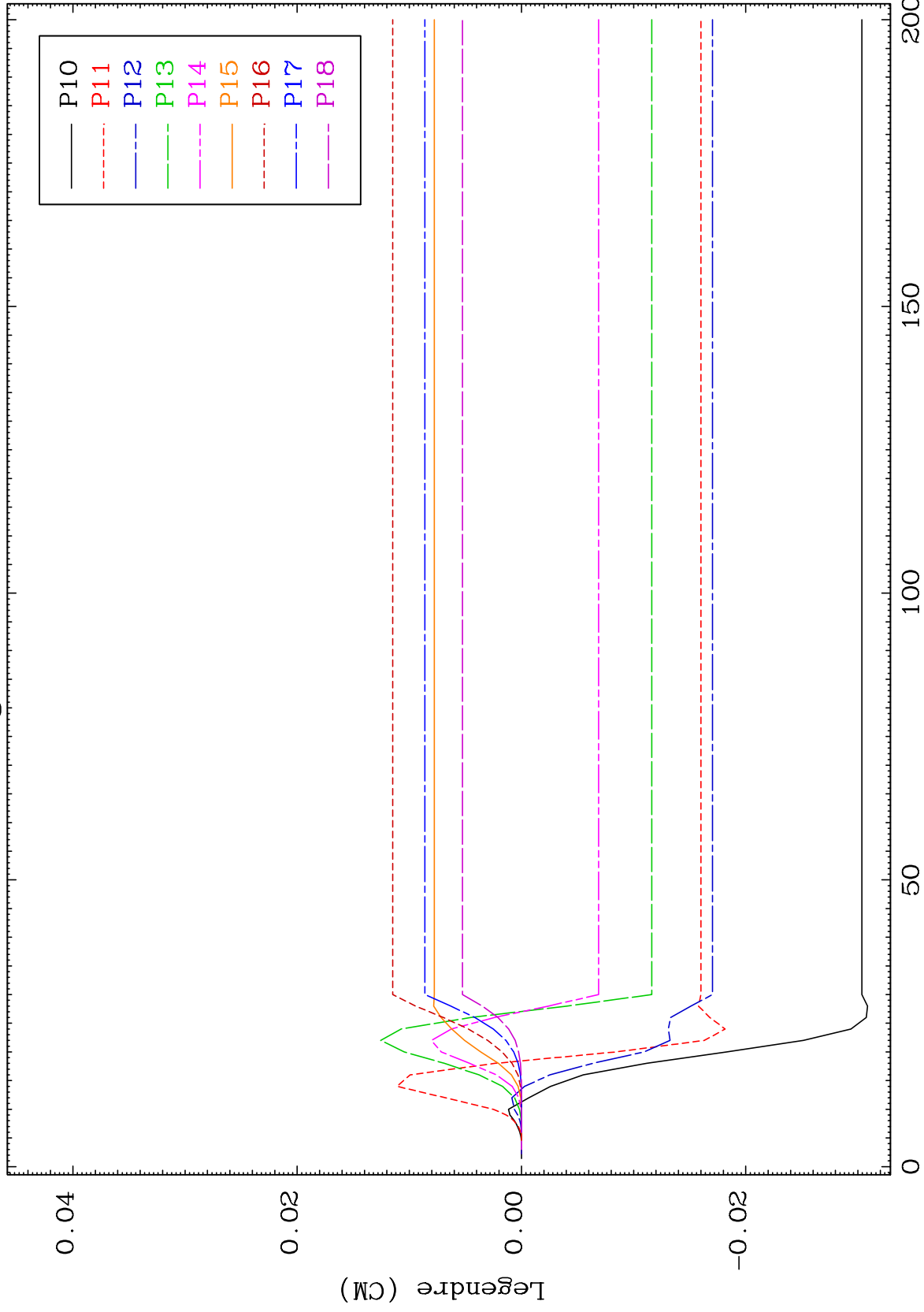
Legendre Coefficients



MAT 3913

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

39-Y -85



52

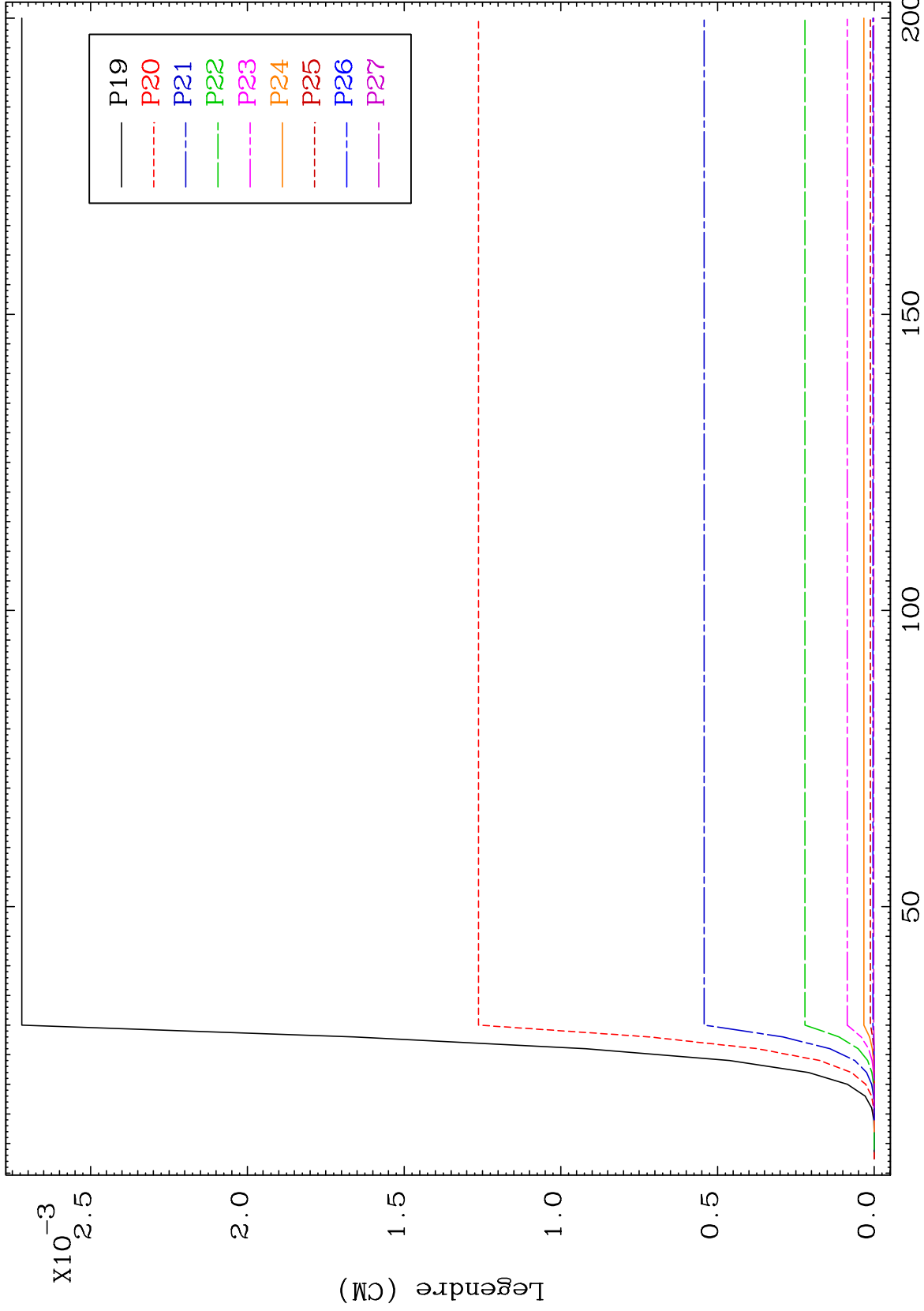
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



53

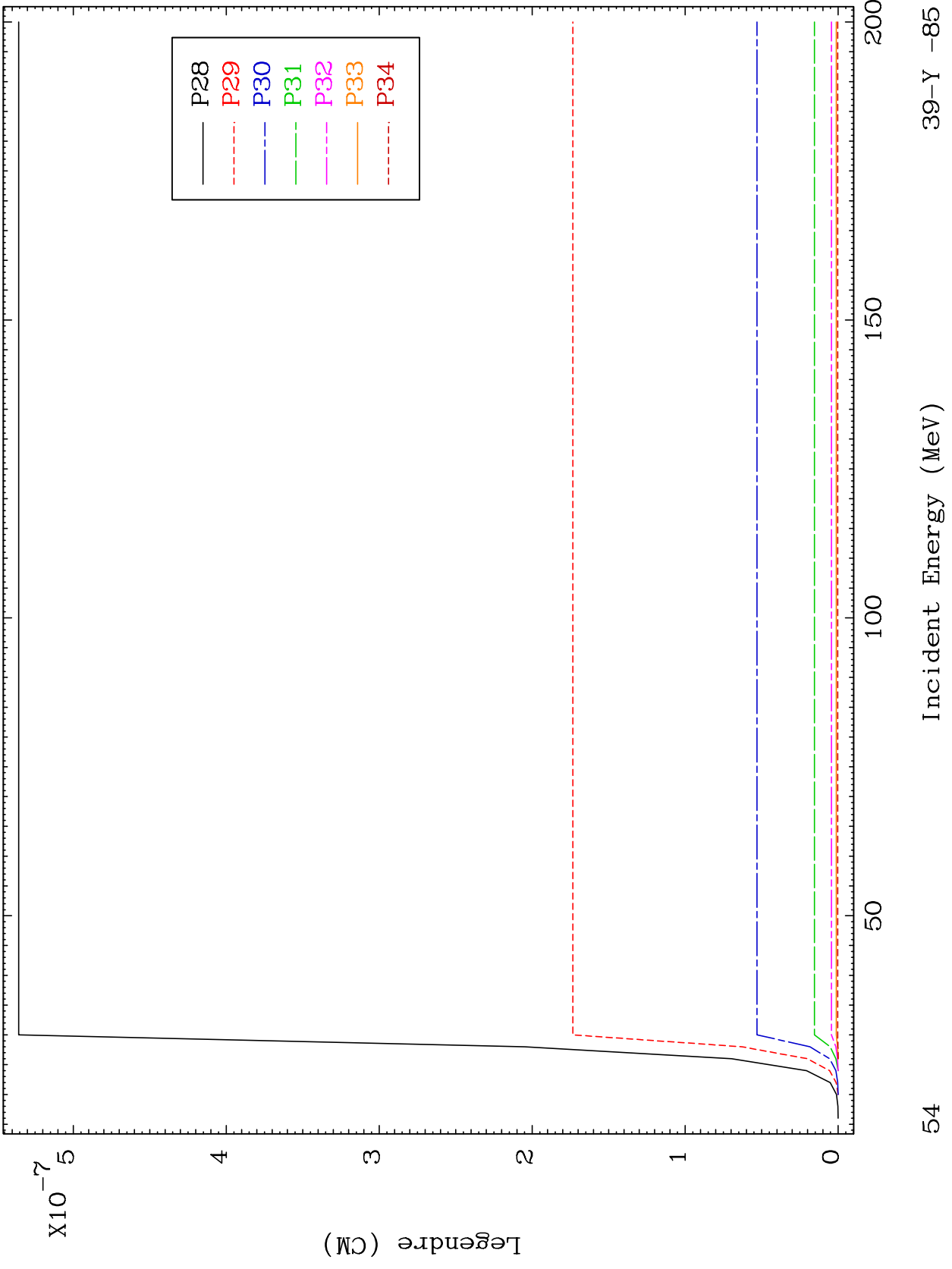
Incident Energy (MeV)

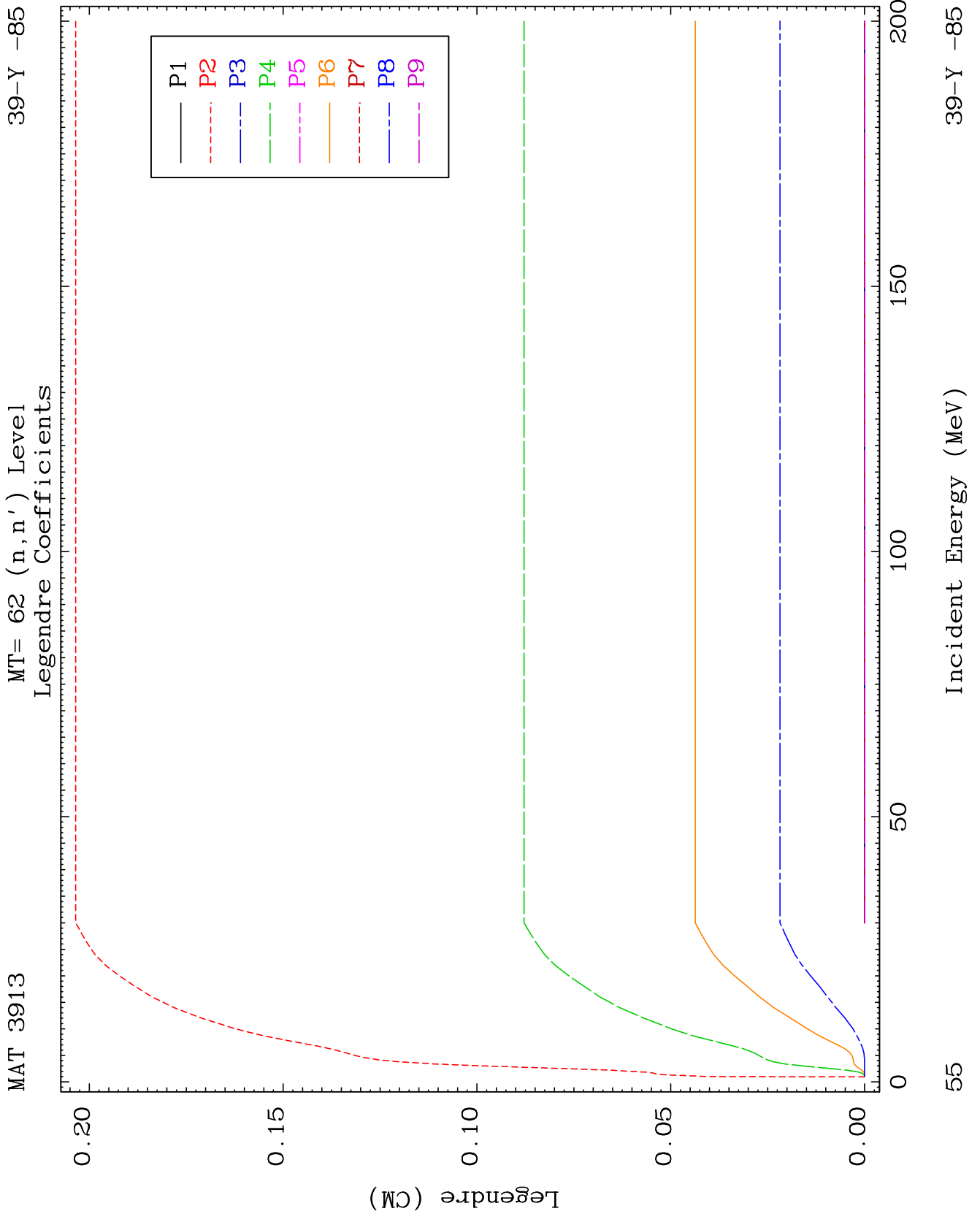
39-Y -85

MAT 3913

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

39-Y -85

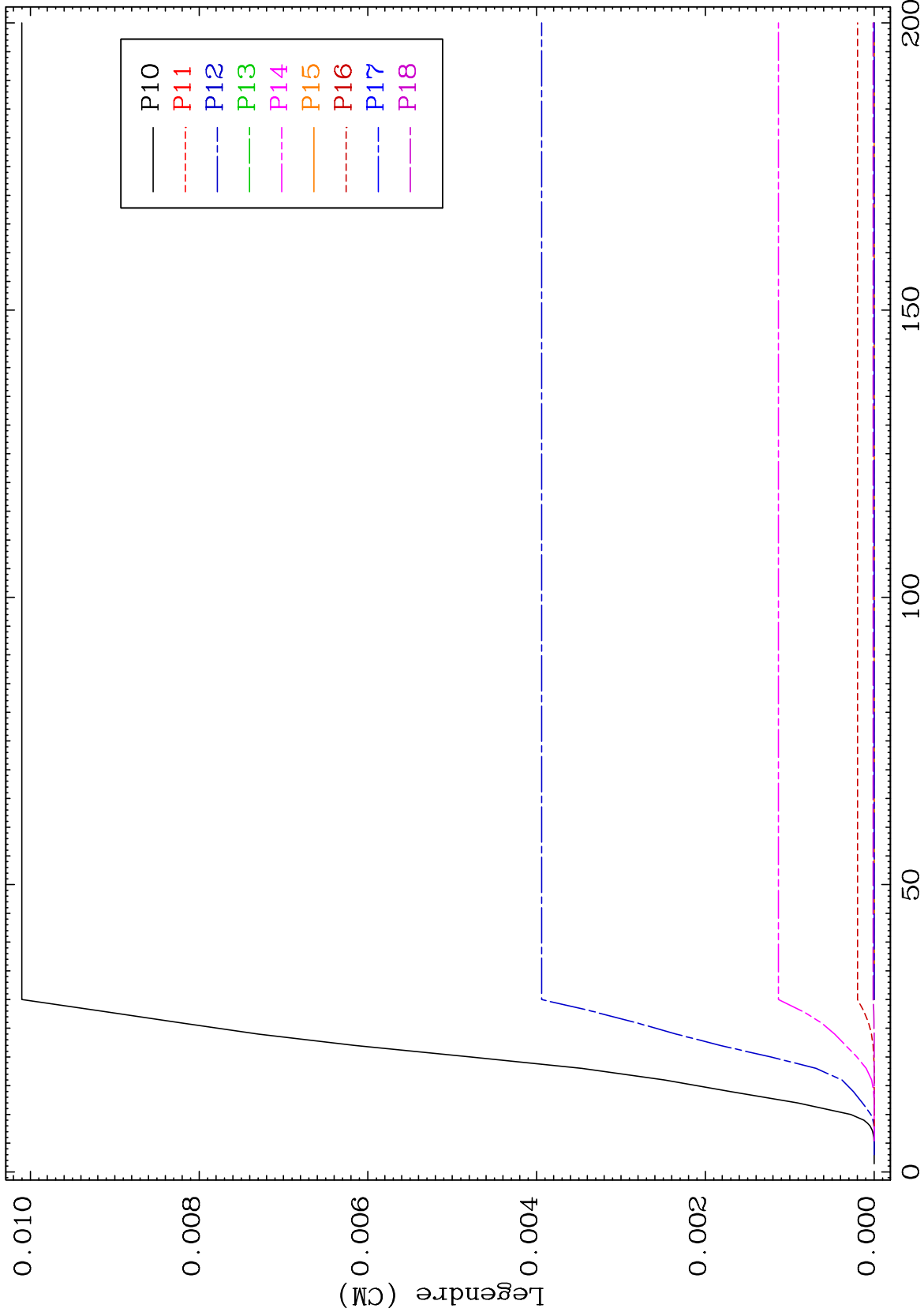




MAT 3913

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

39-Y -85



56

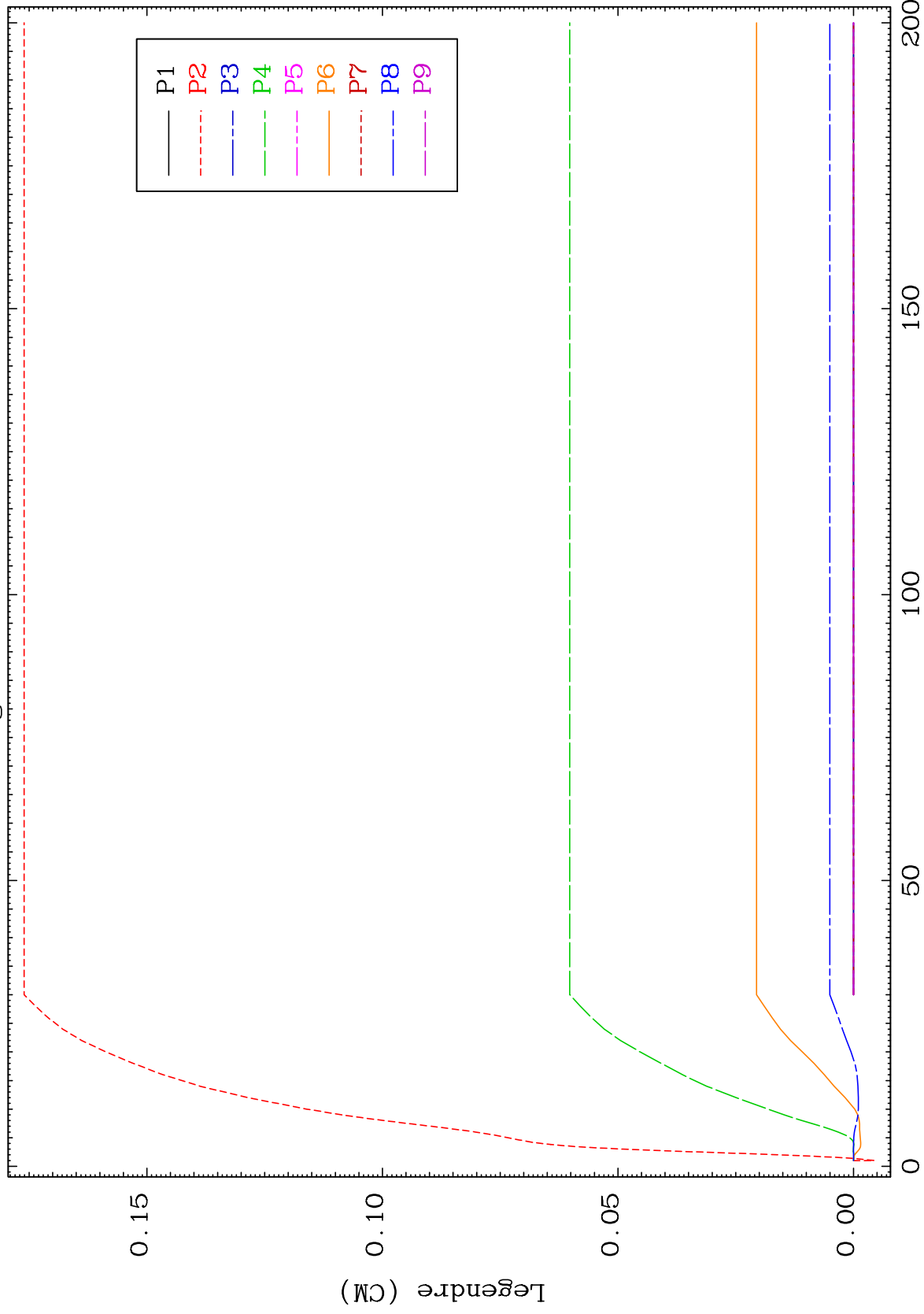
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



58

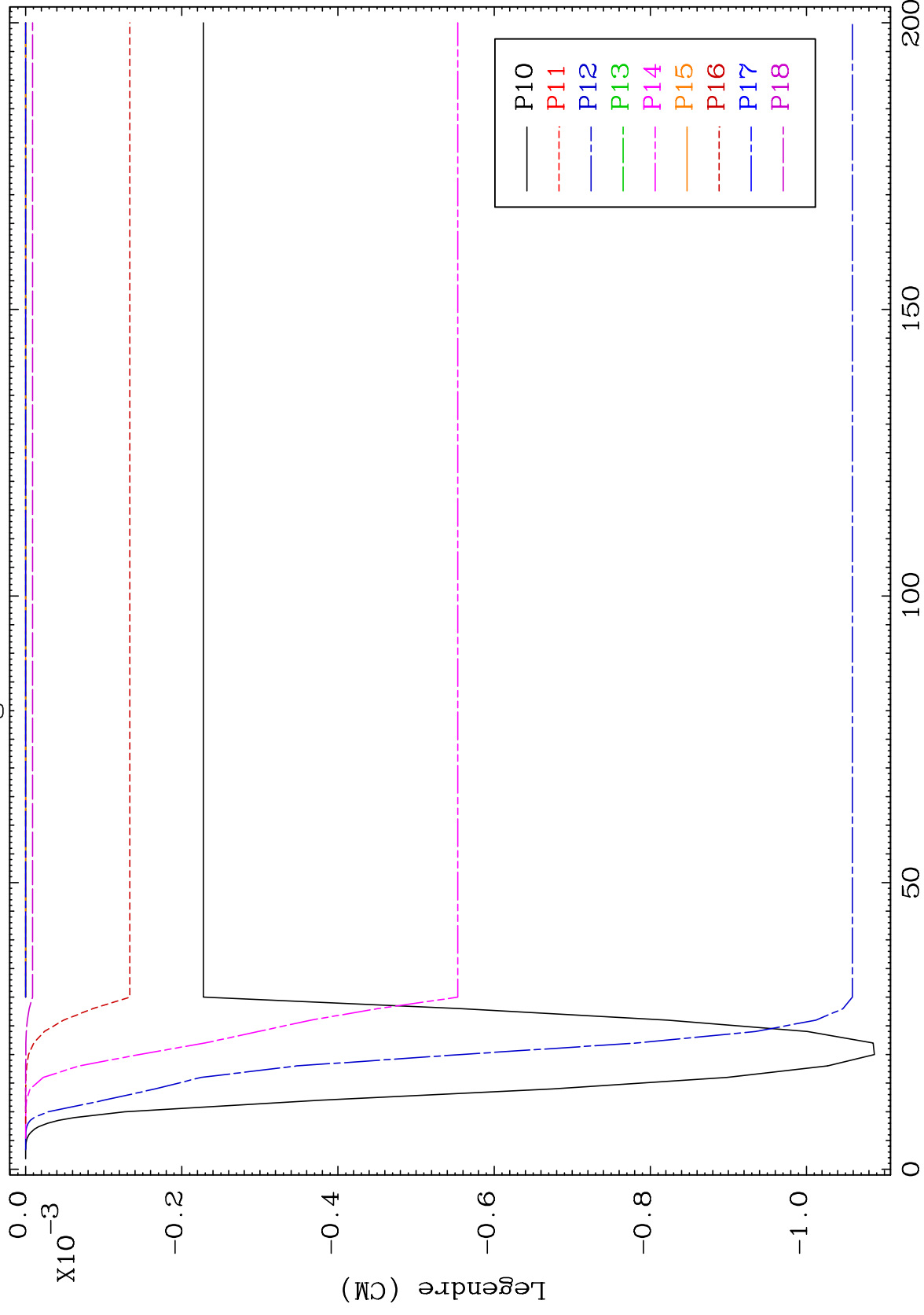
Incident Energy (MeV)

39-Y -85

MAT 3913

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

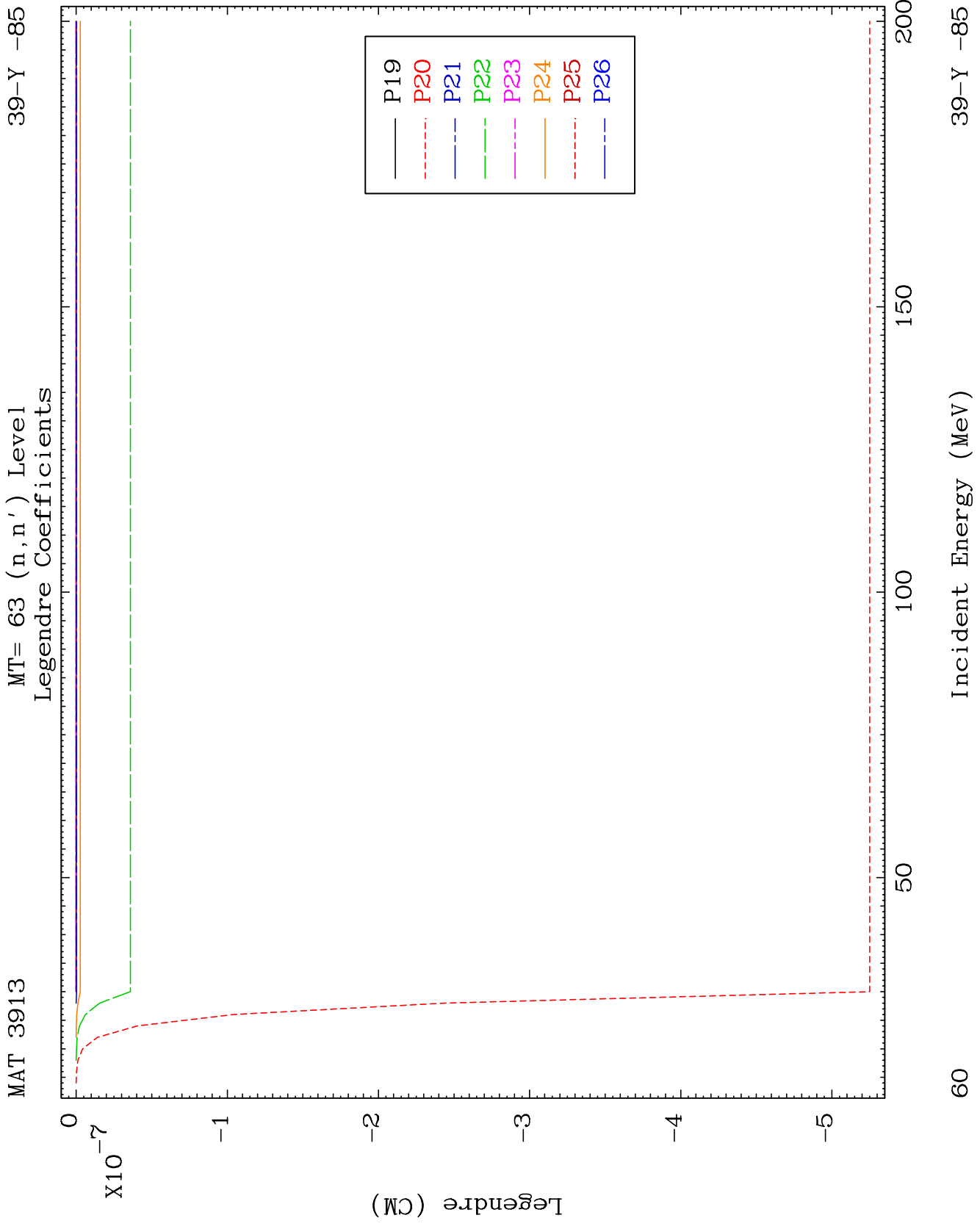
39-Y -85



39-Y -85

Incident Energy (MeV)

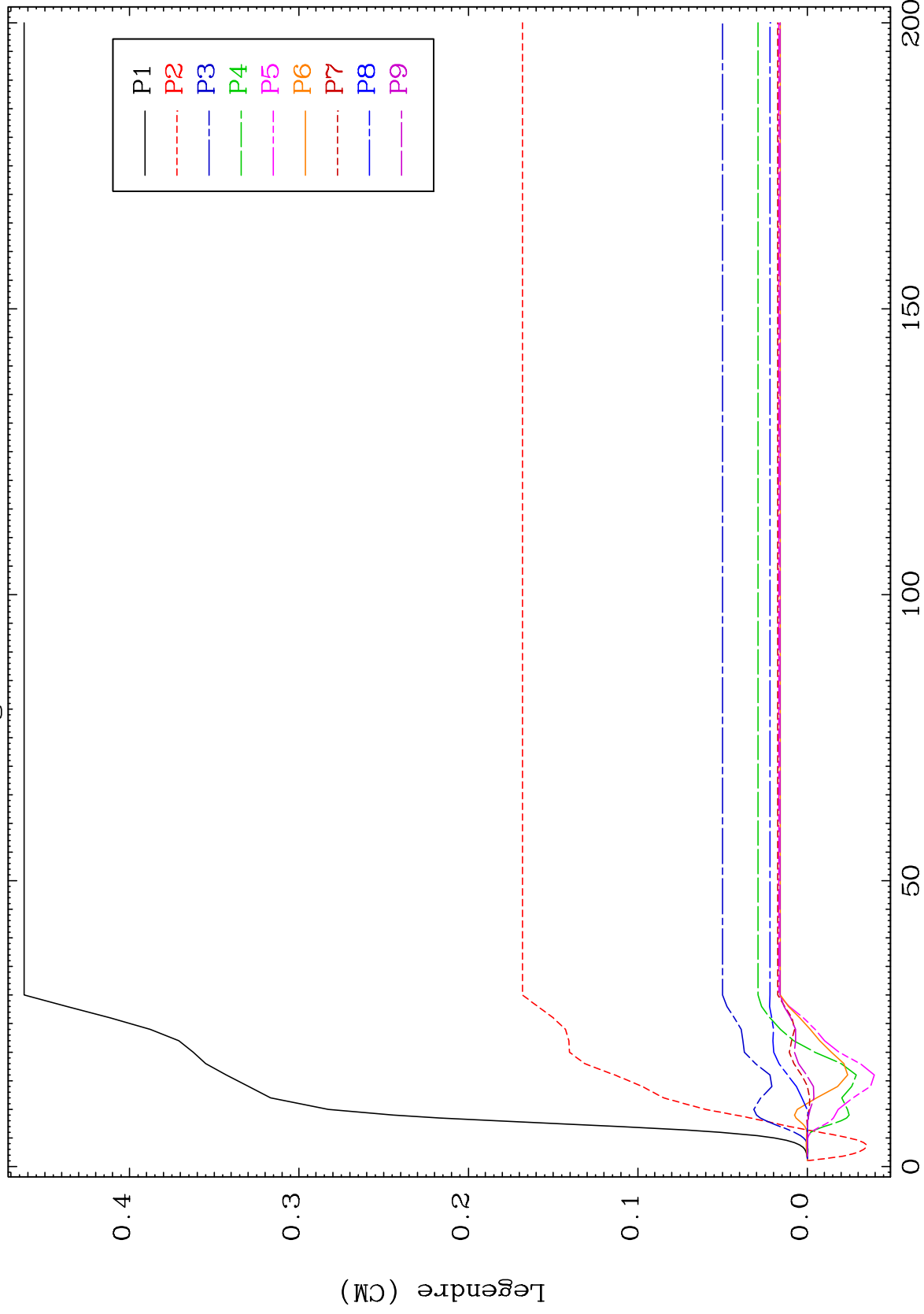
59



MAT 3913

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

39-Y -85



61

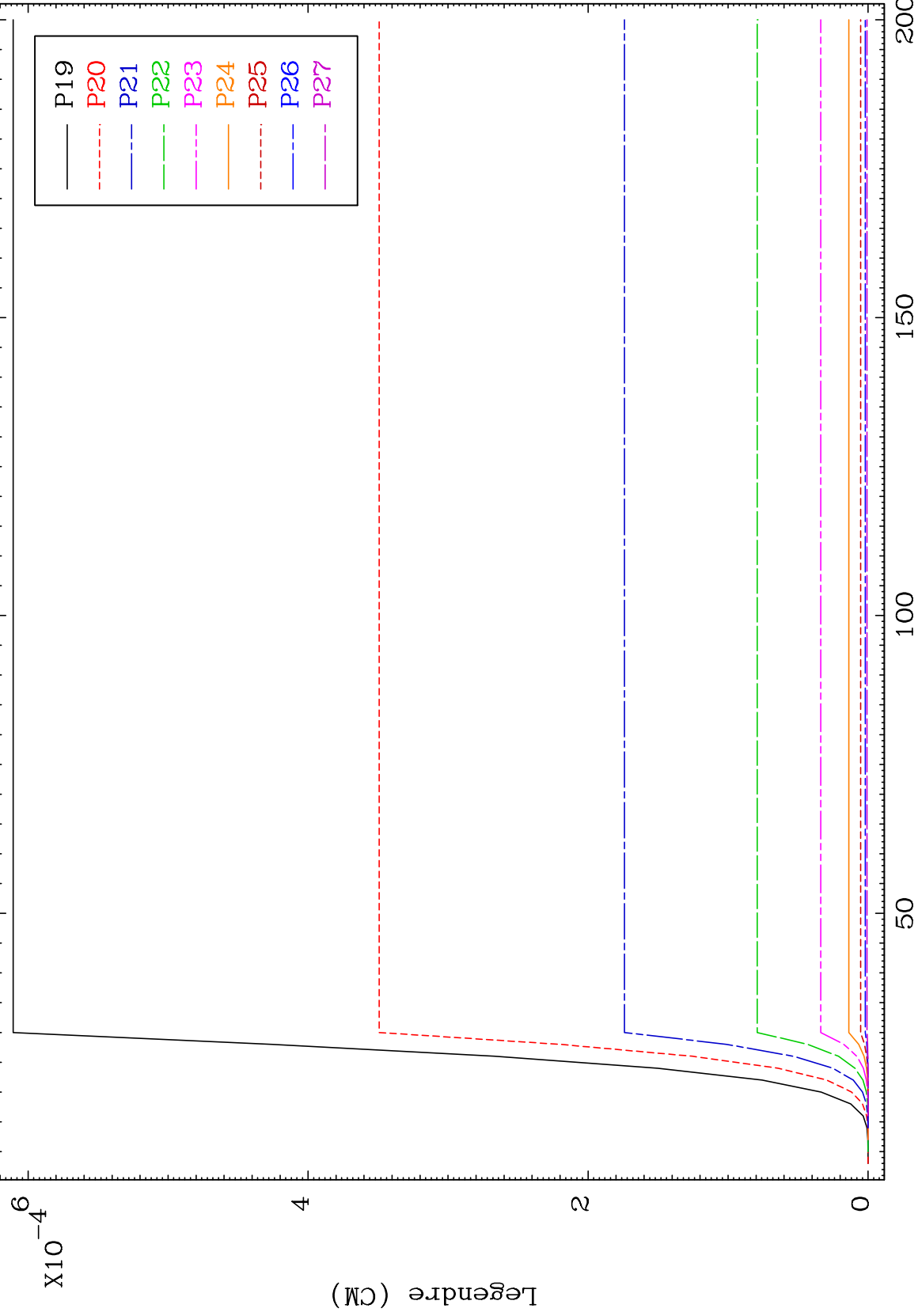
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



63

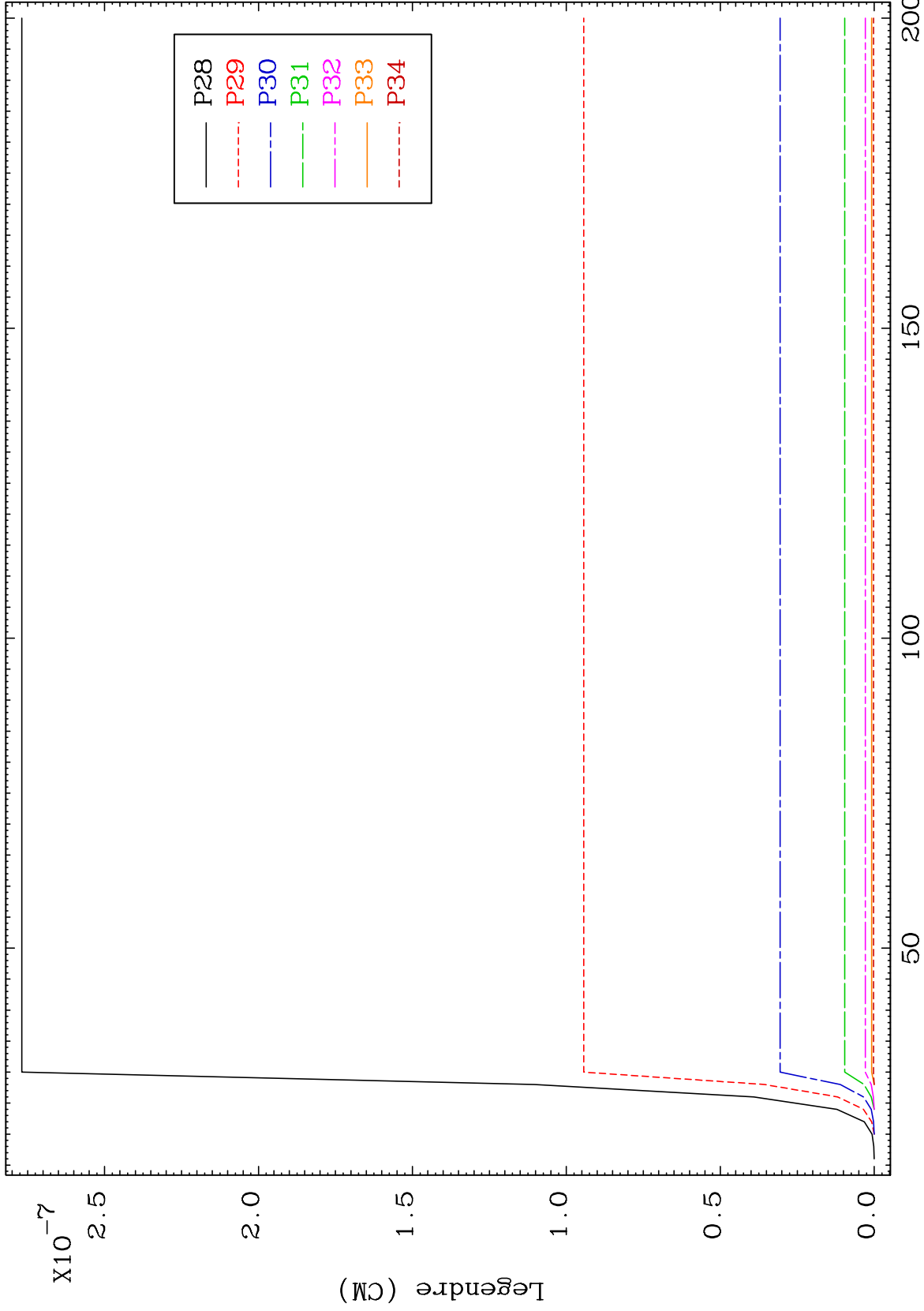
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



64

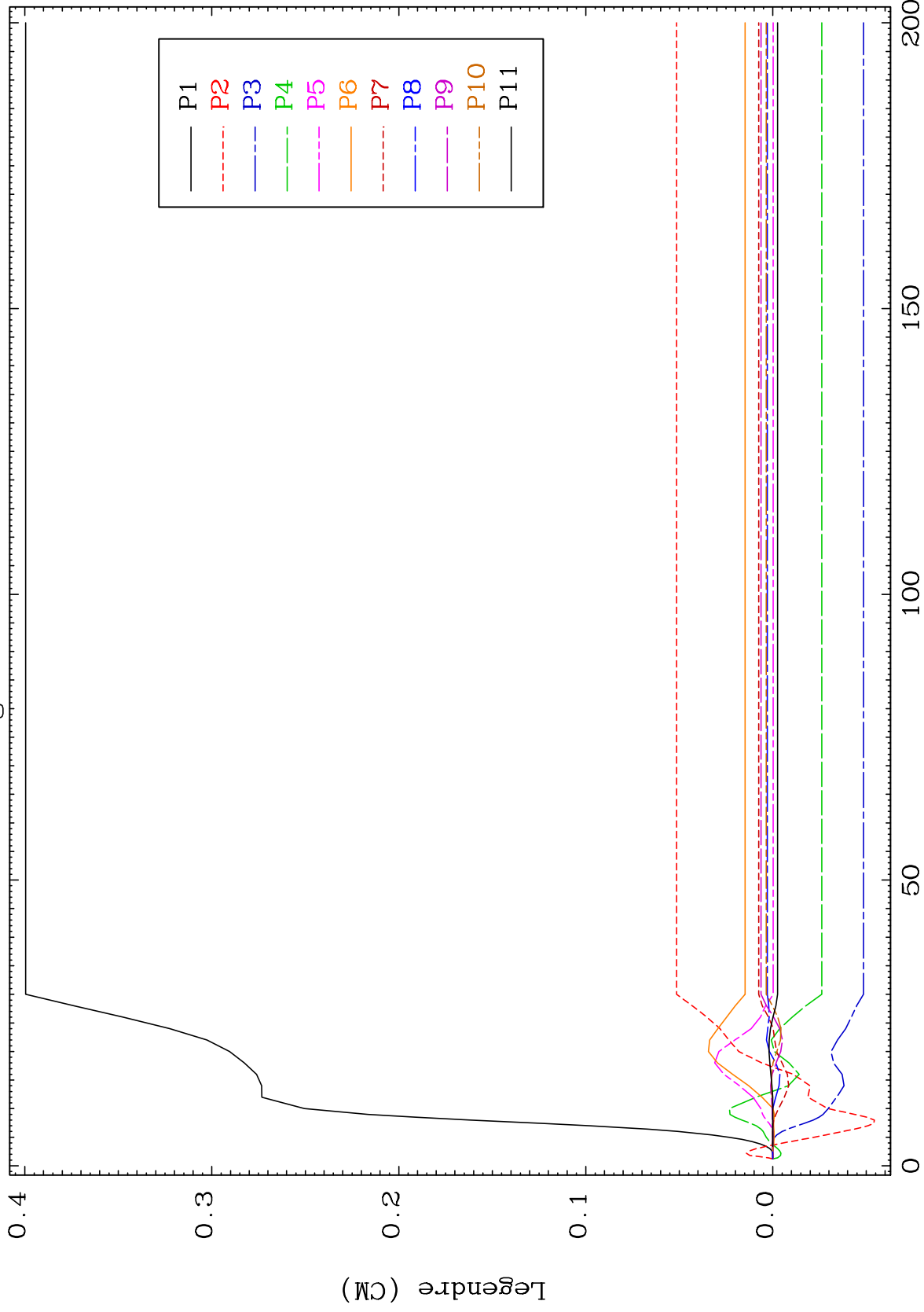
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



39-Y -85

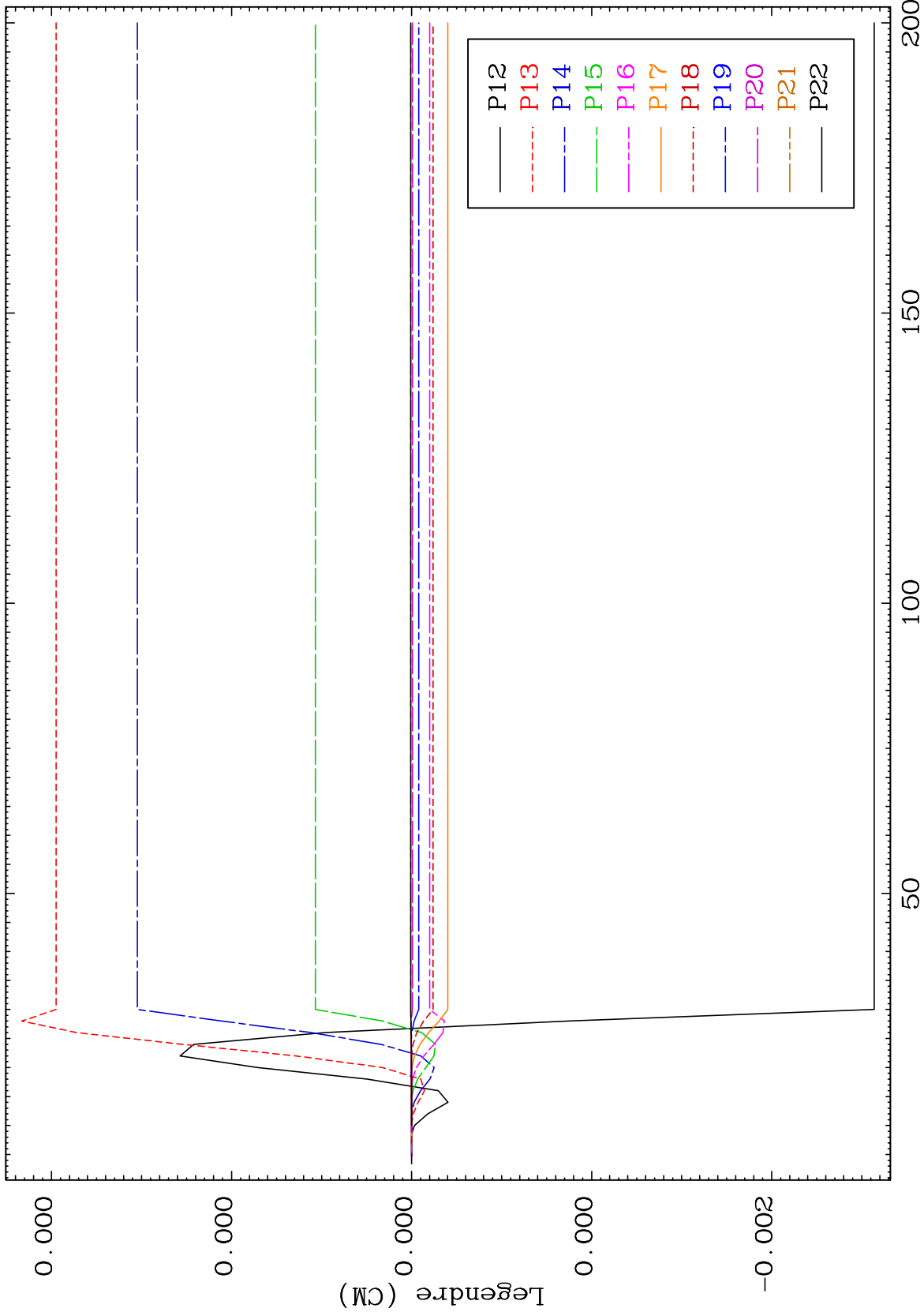
Incident Energy (MeV)

65

MAT 3913

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

39-Y -85



66

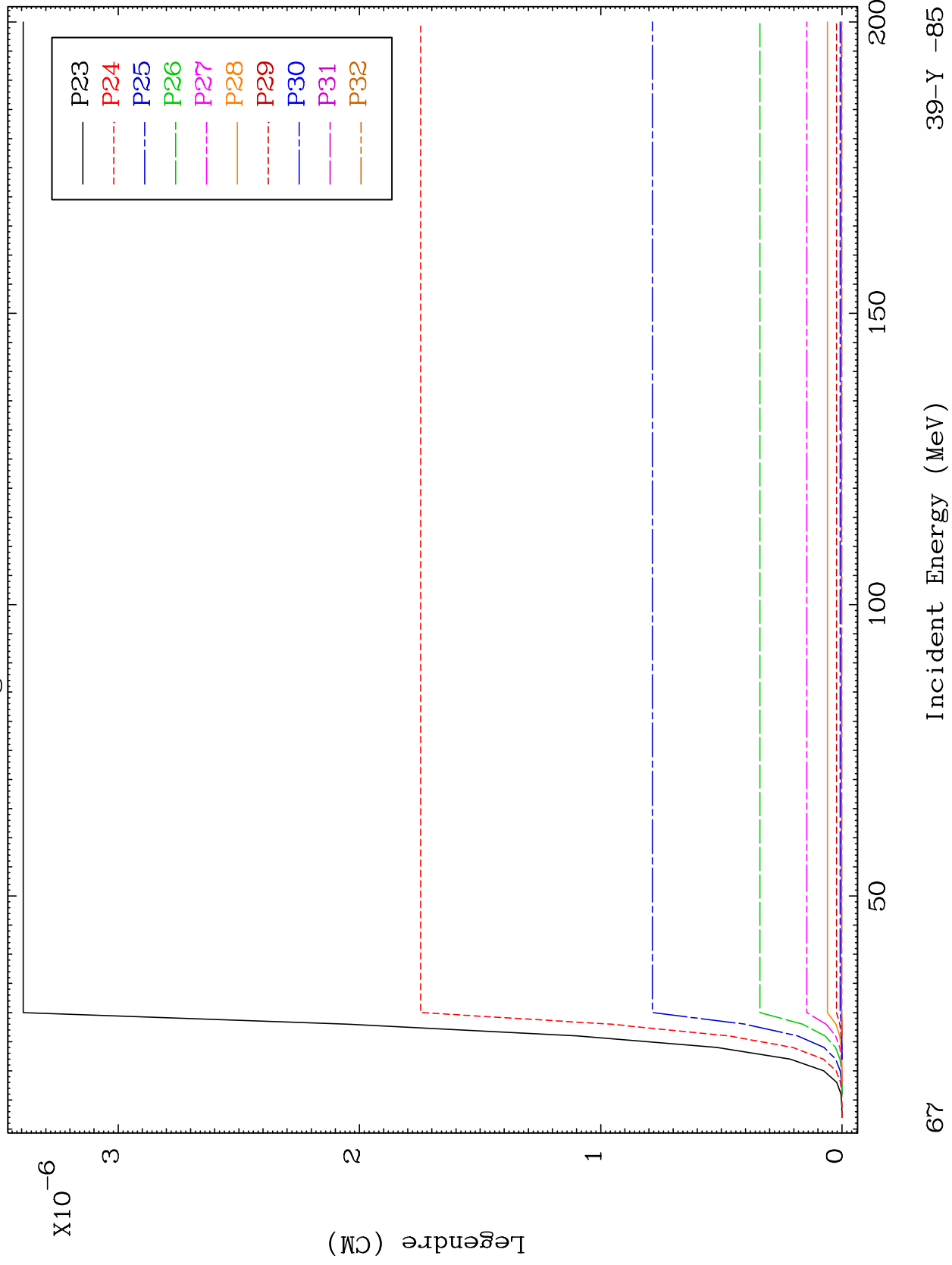
Incident Energy (MeV)

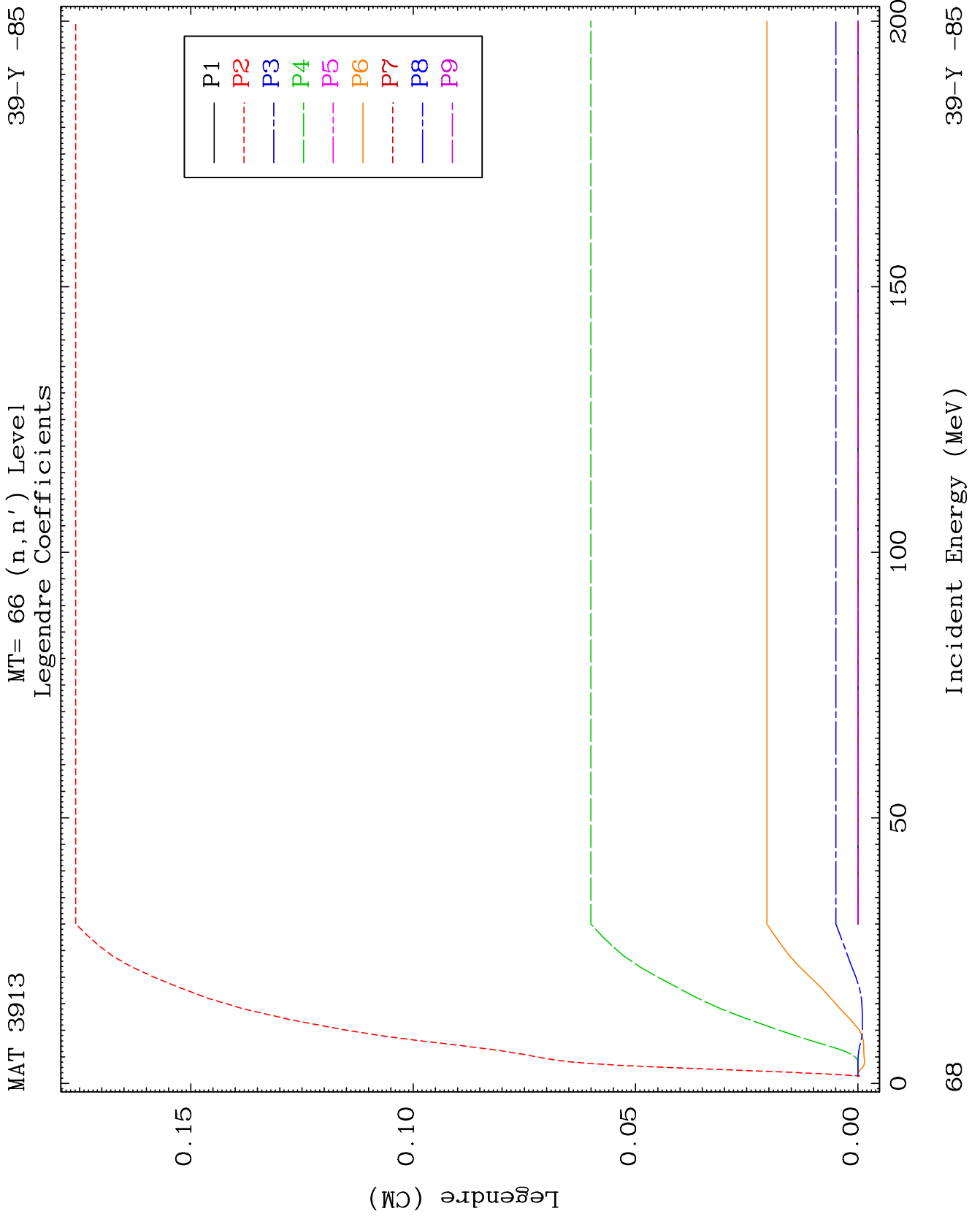
39-Y -85

MAT 3913

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

39-Y -85

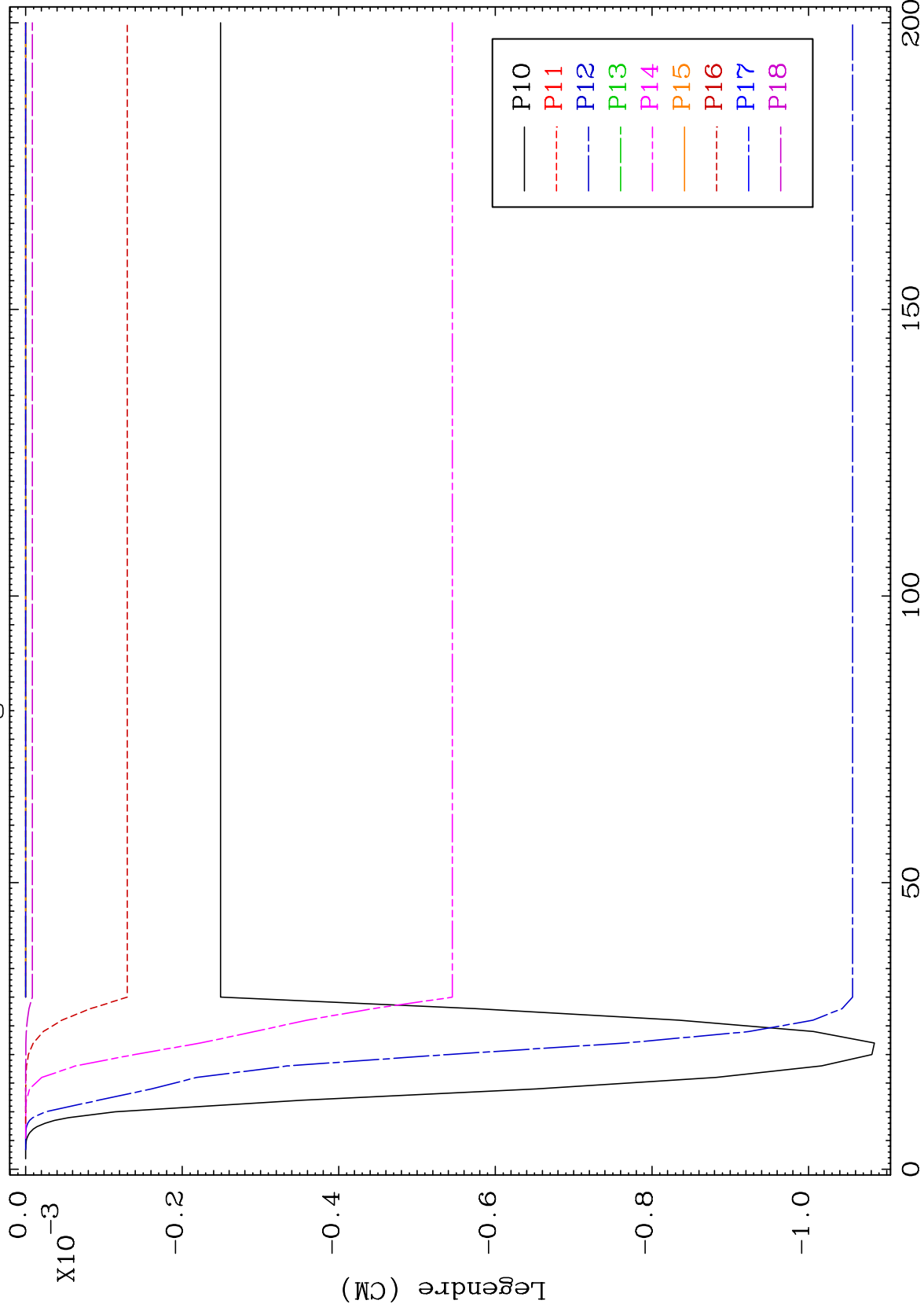




MAT 3913

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

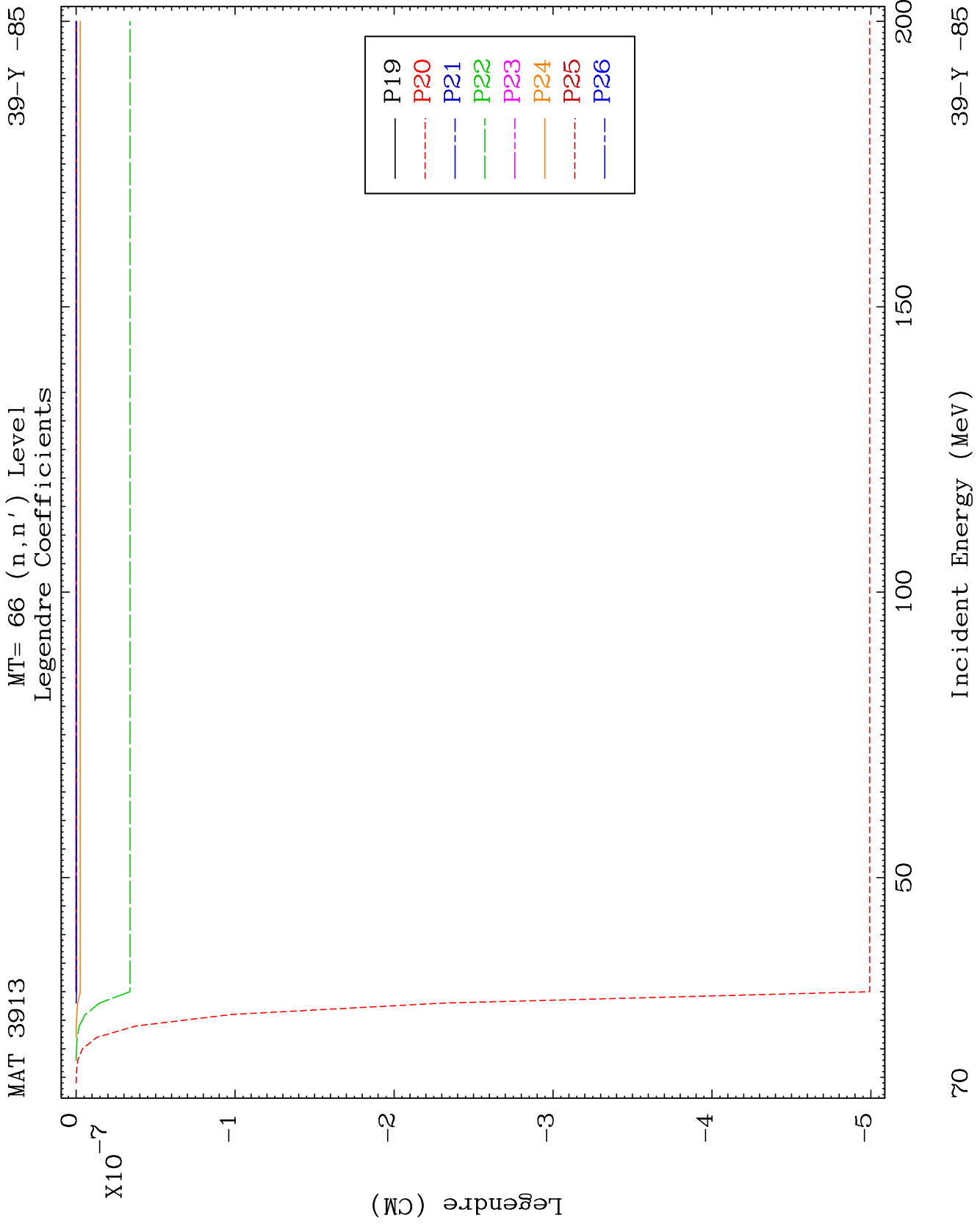
39-Y -85



39-Y -85

Incident Energy (MeV)

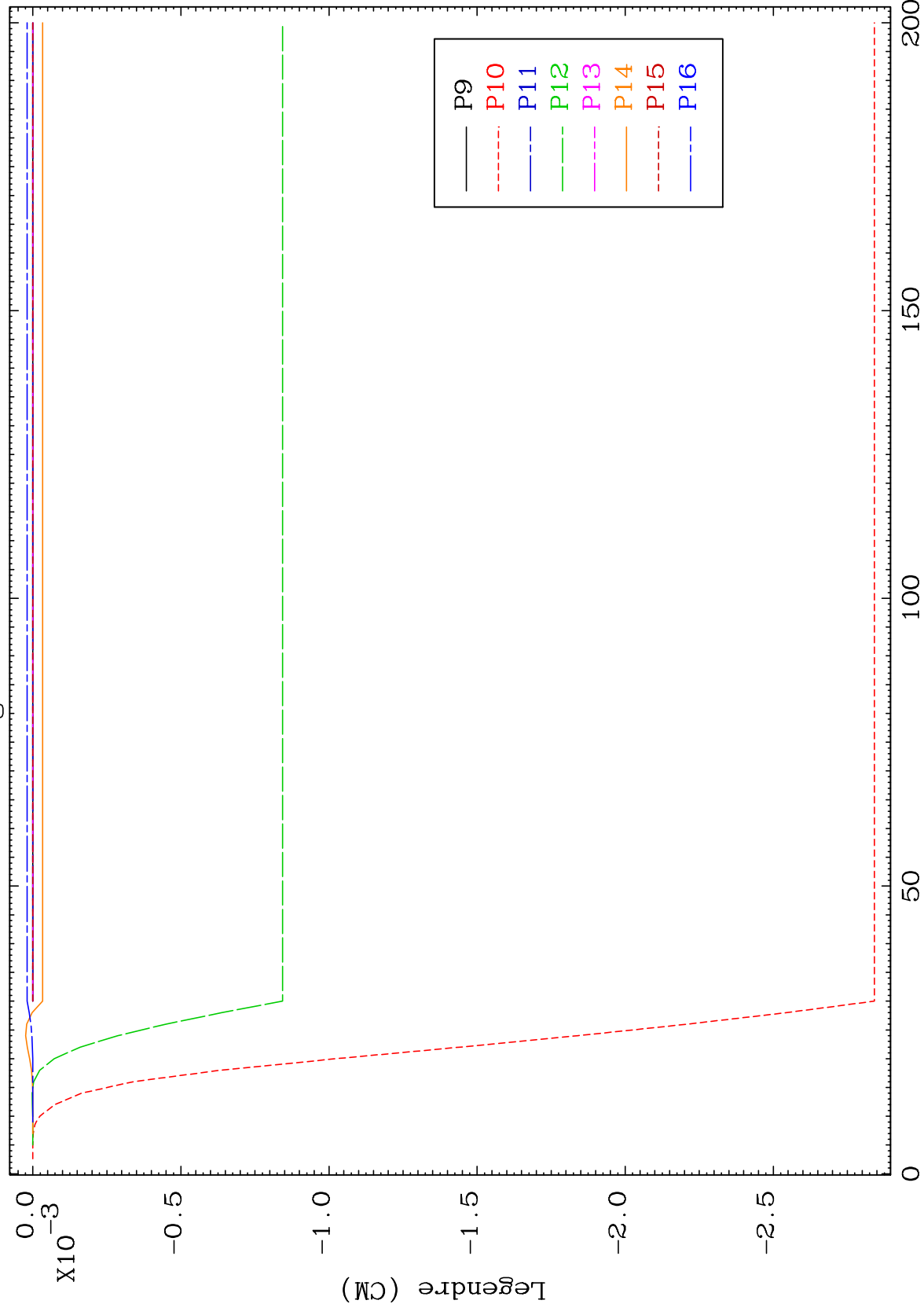
69



MAT 3913

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

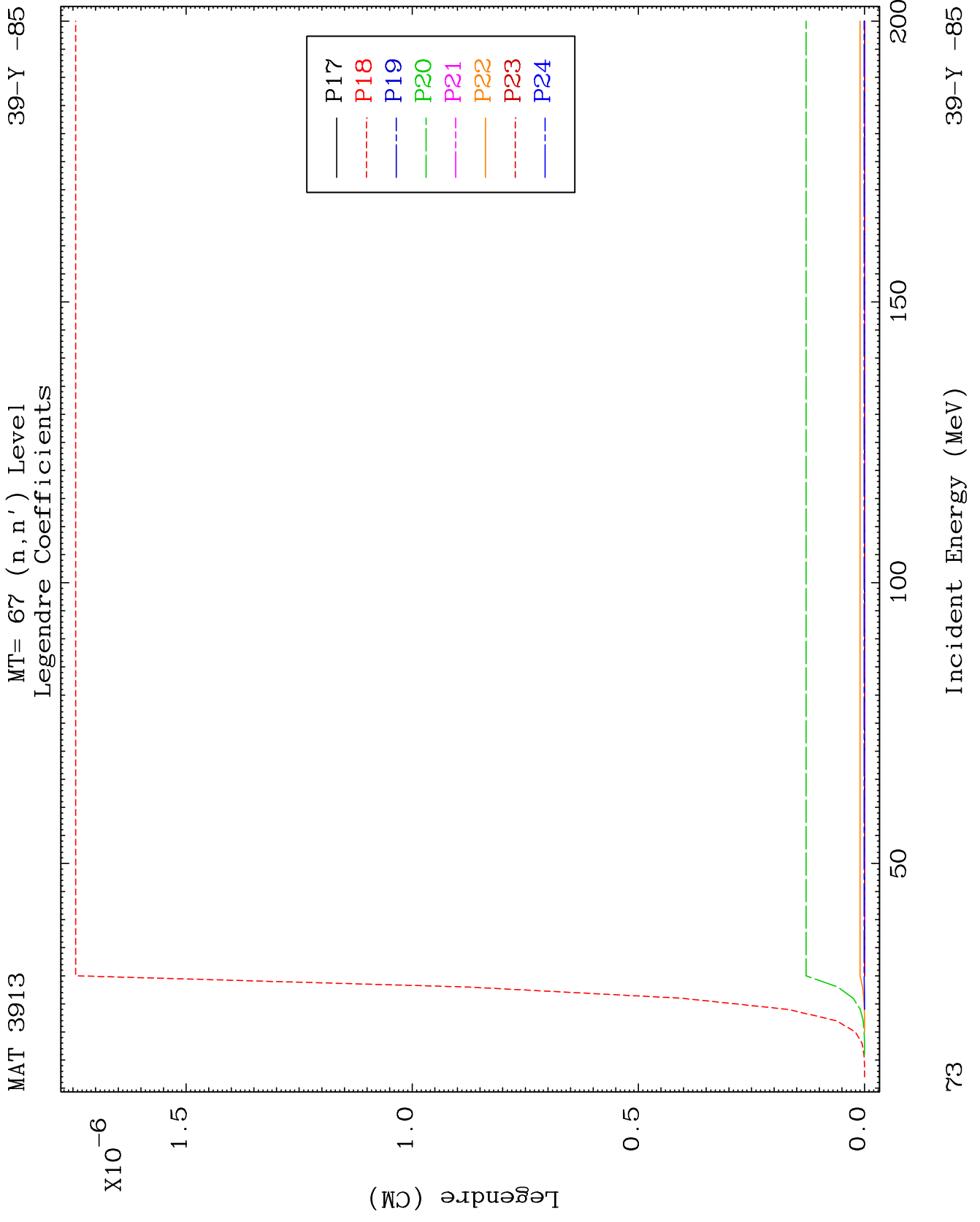
39-Y -85



72

Incident Energy (MeV)

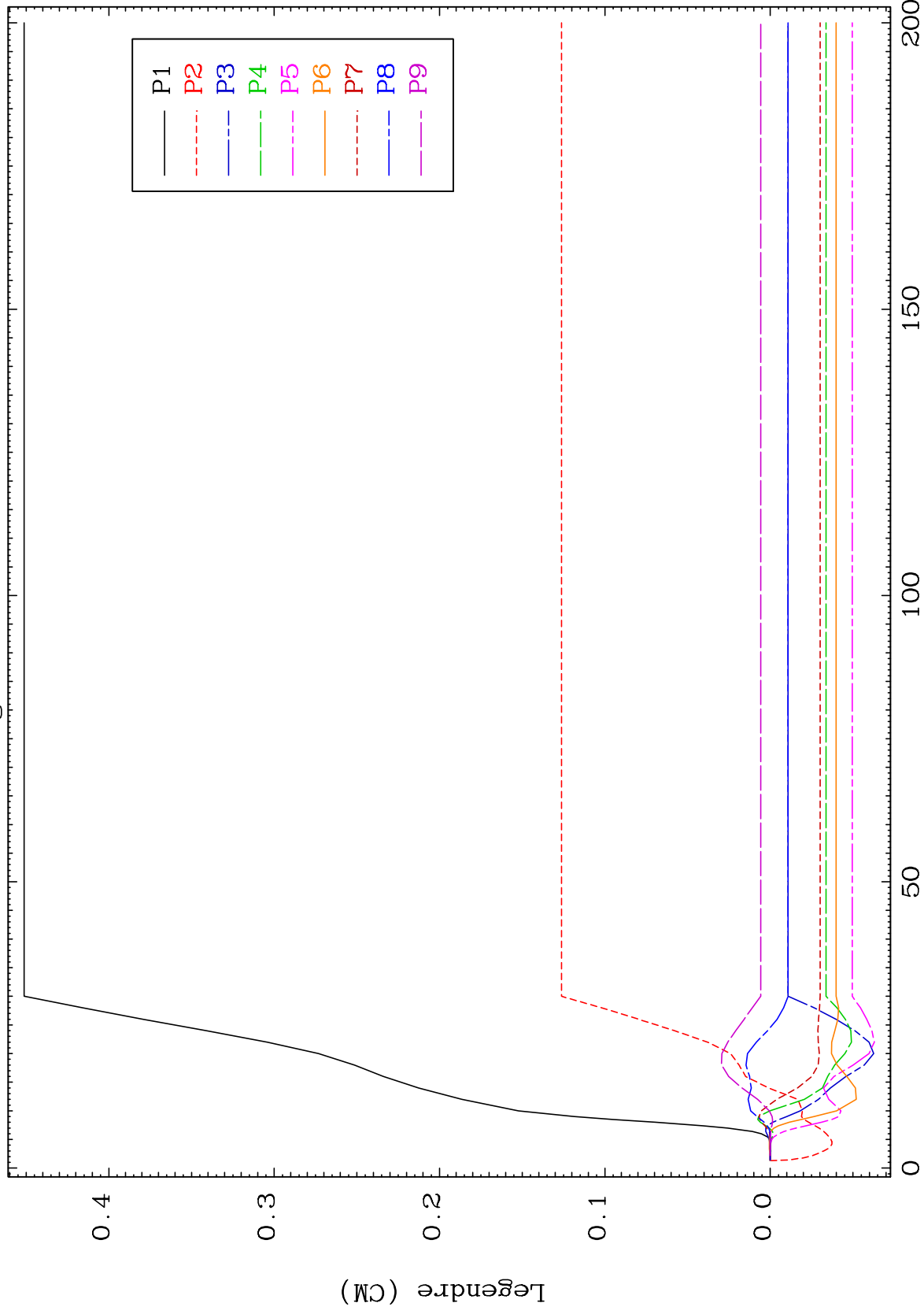
39-Y -85



MAT 3913

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

39-Y -85



74

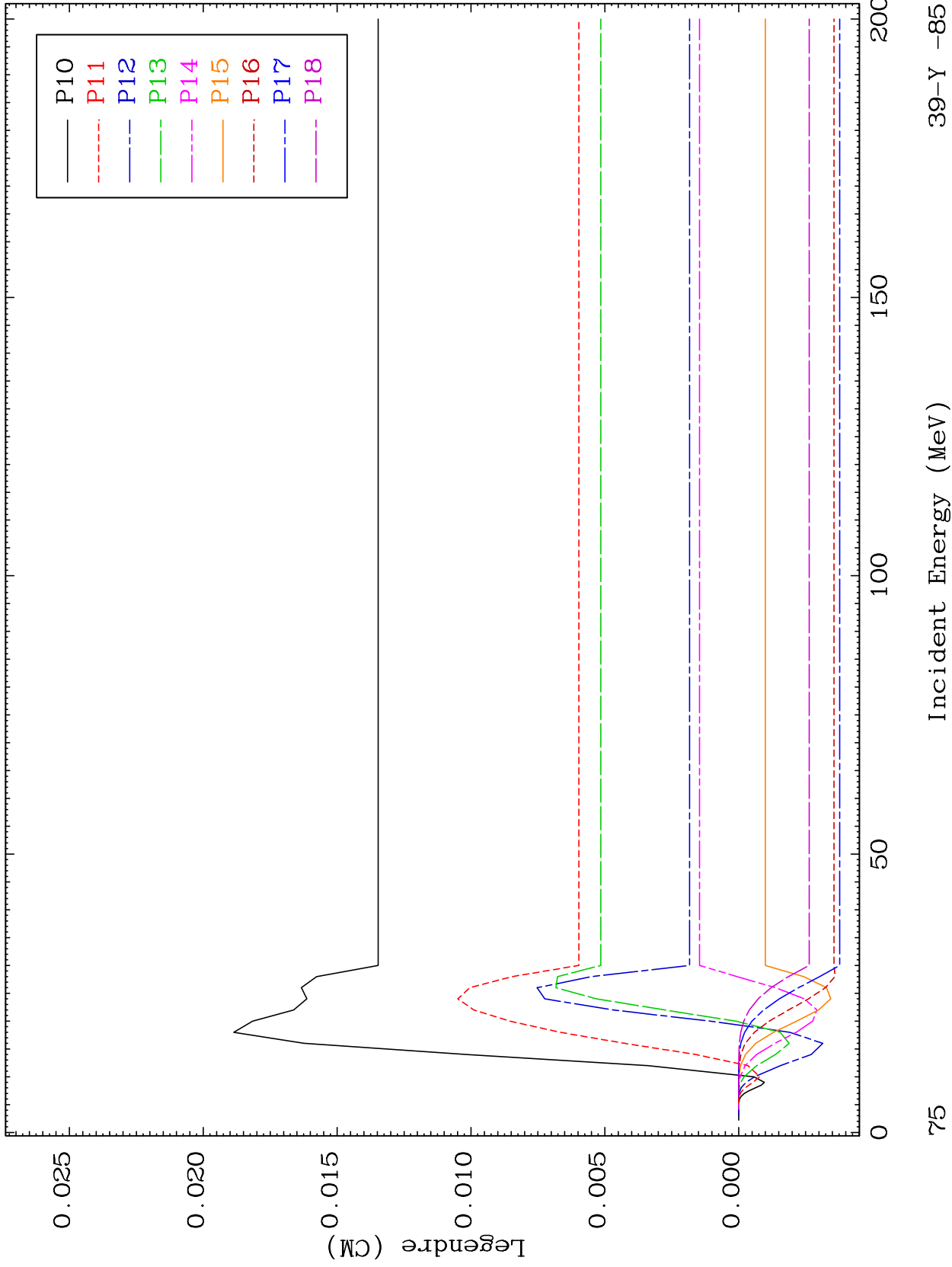
Incident Energy (MeV)

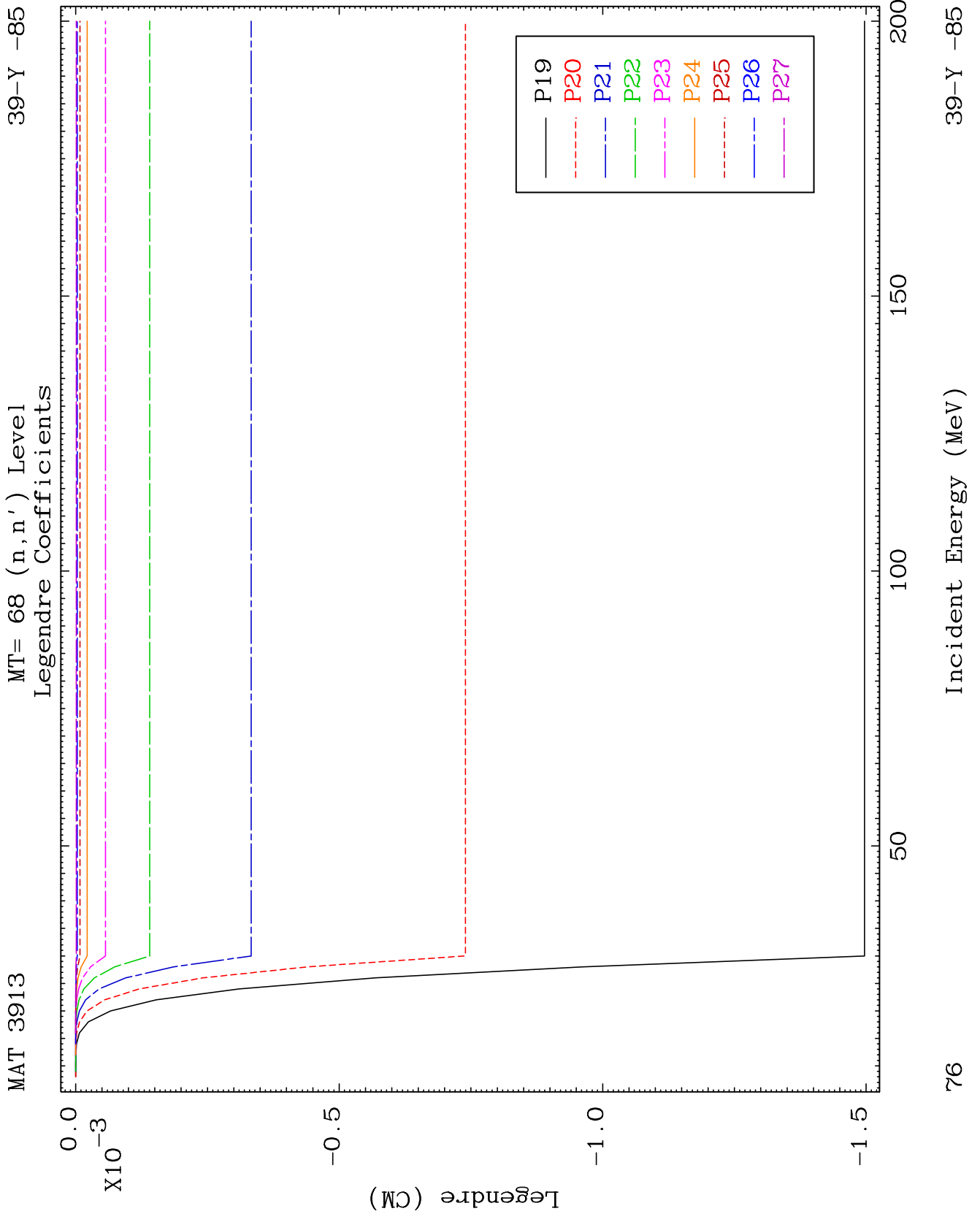
39-Y -85

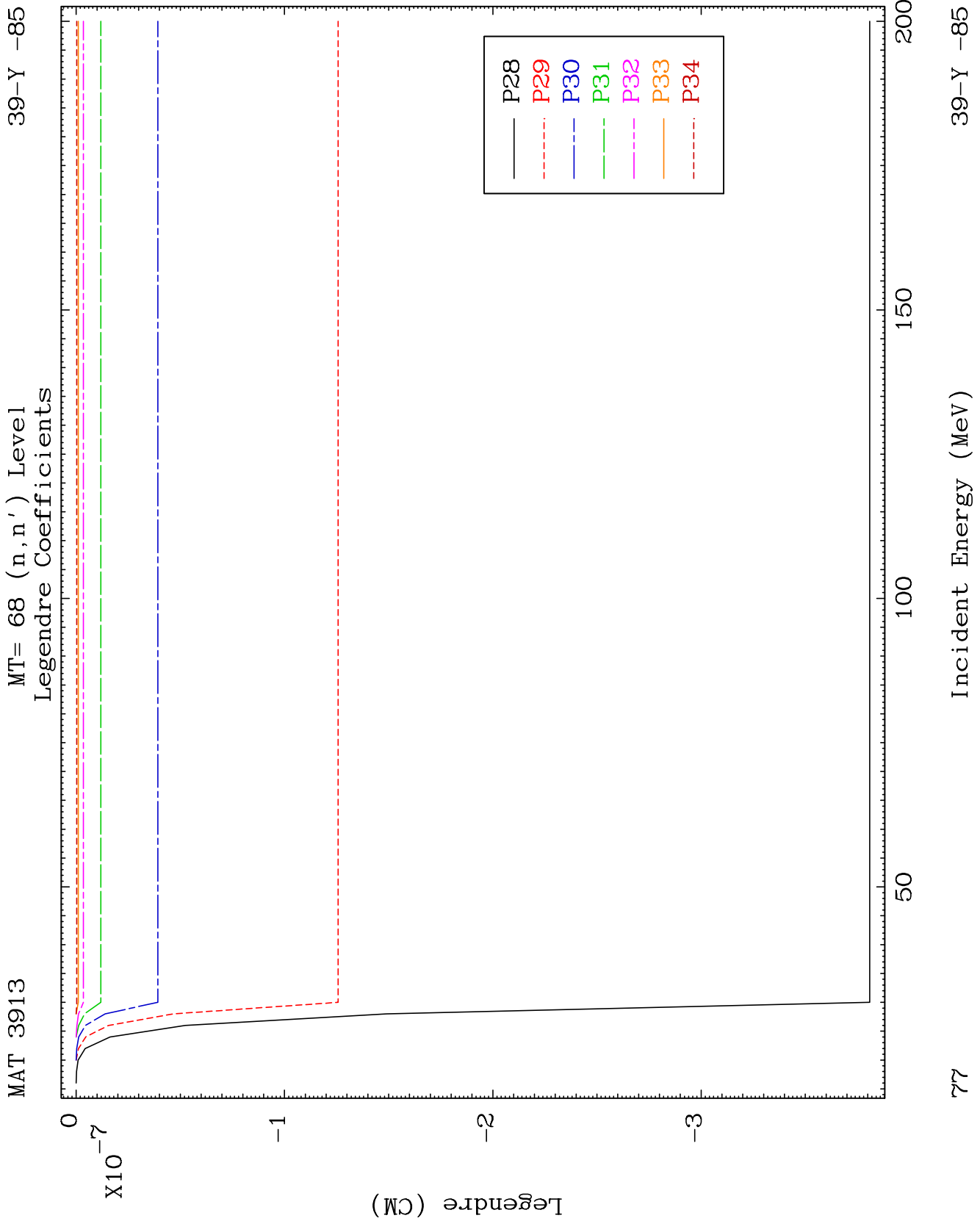
MAT 3913

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

39-Y -85



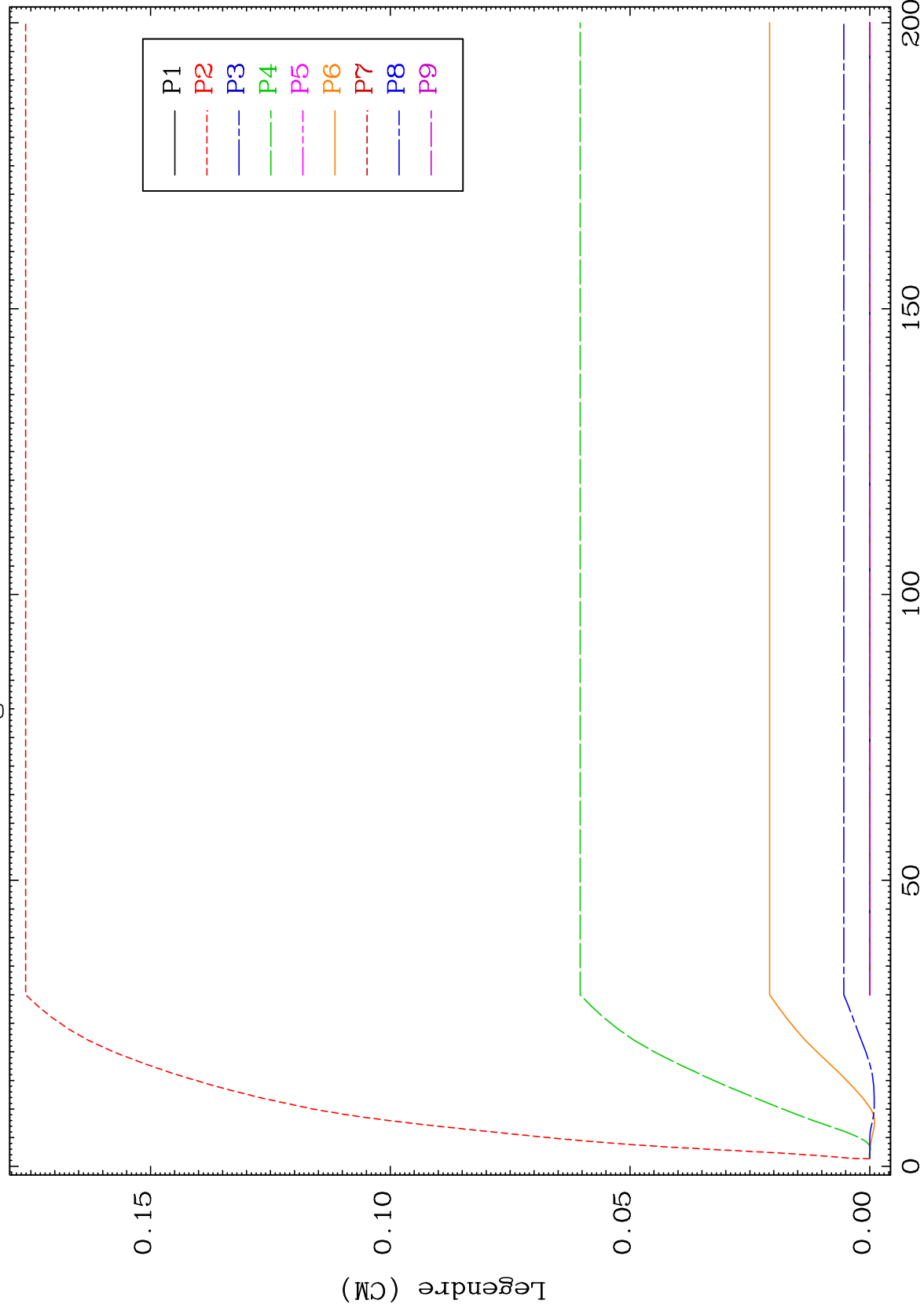




MAT 3913

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

39-Y -85



78

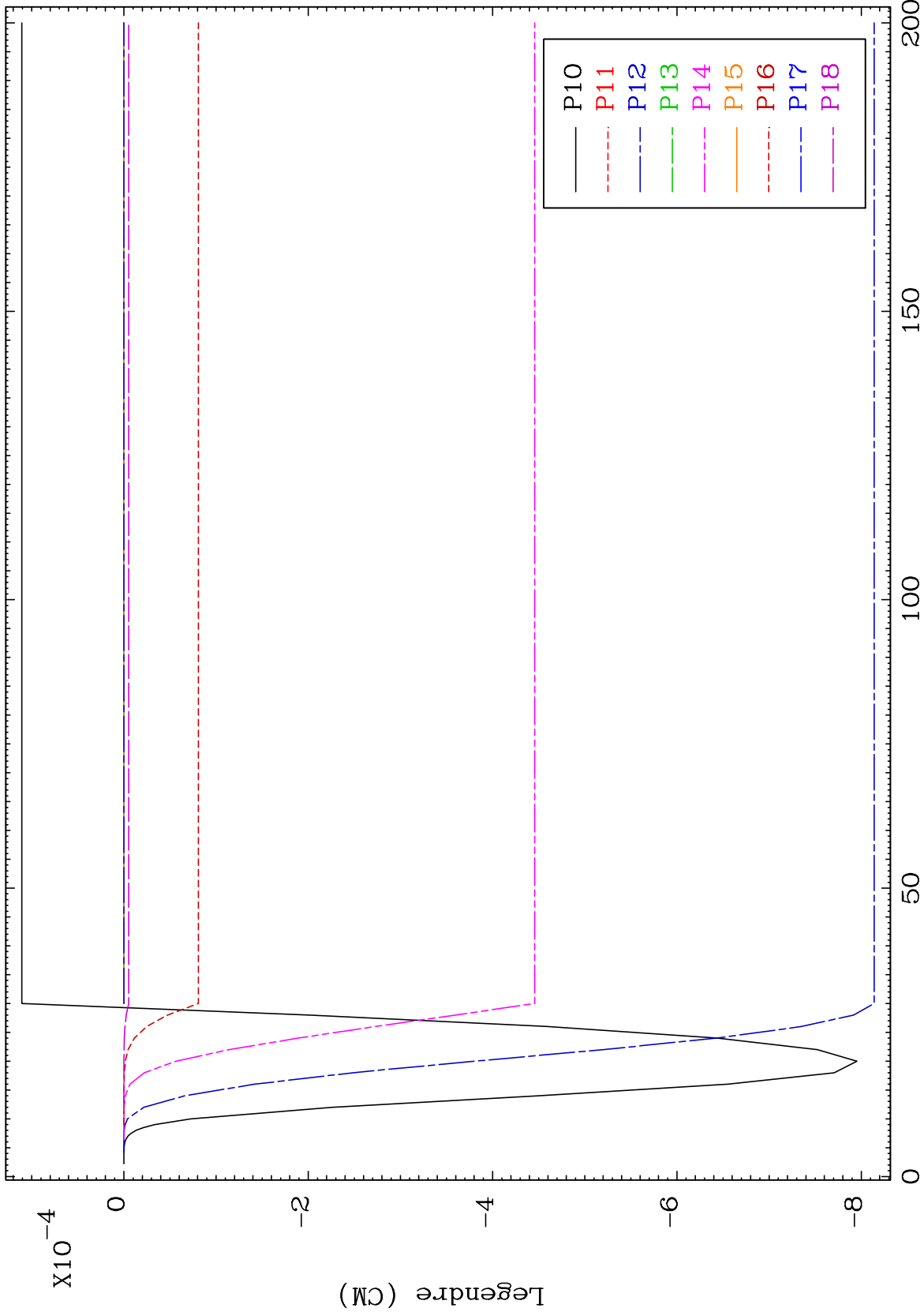
Incident Energy (MeV)

39-Y -85

MAT 3913

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

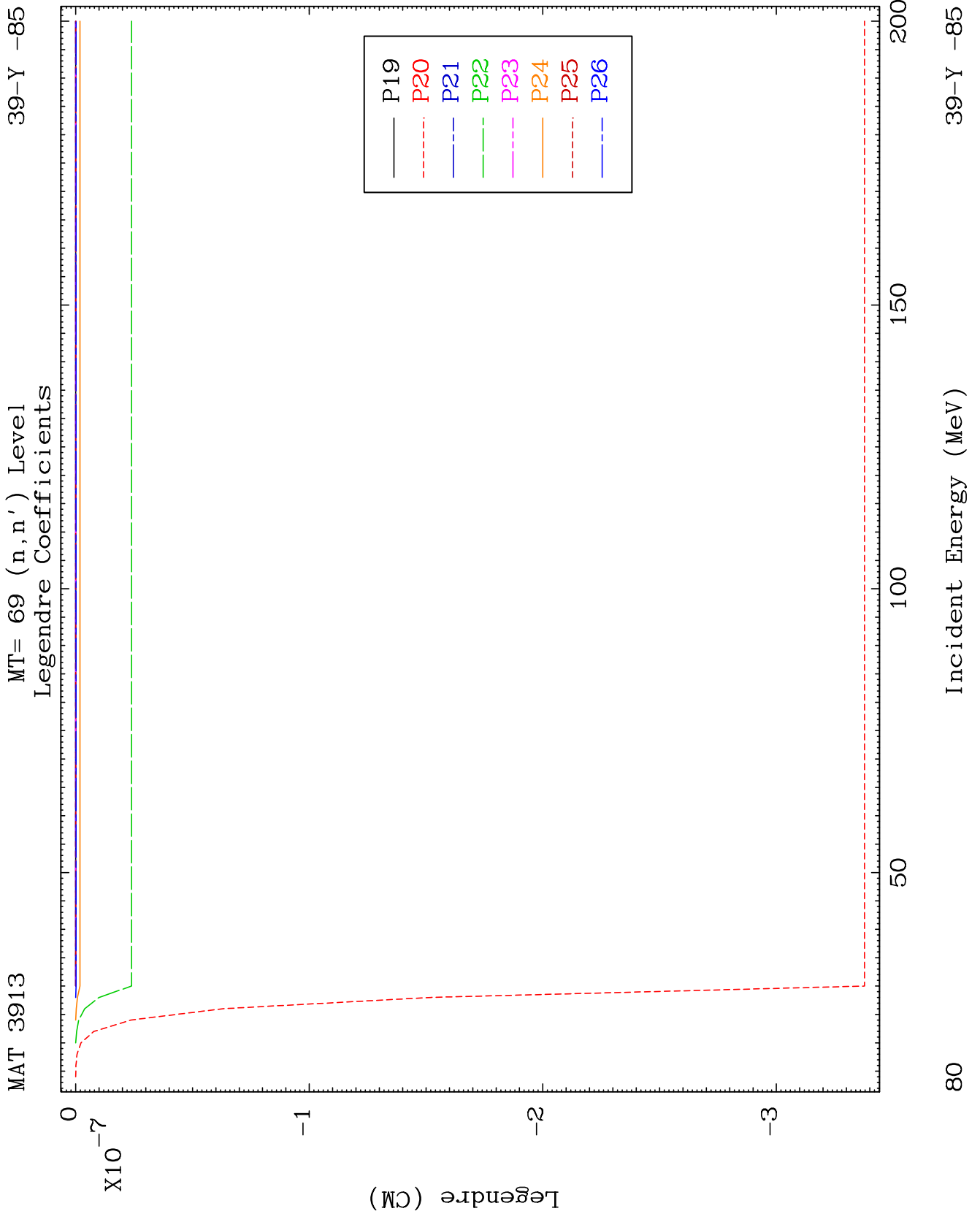
39-Y -85



79

Incident Energy (MeV)

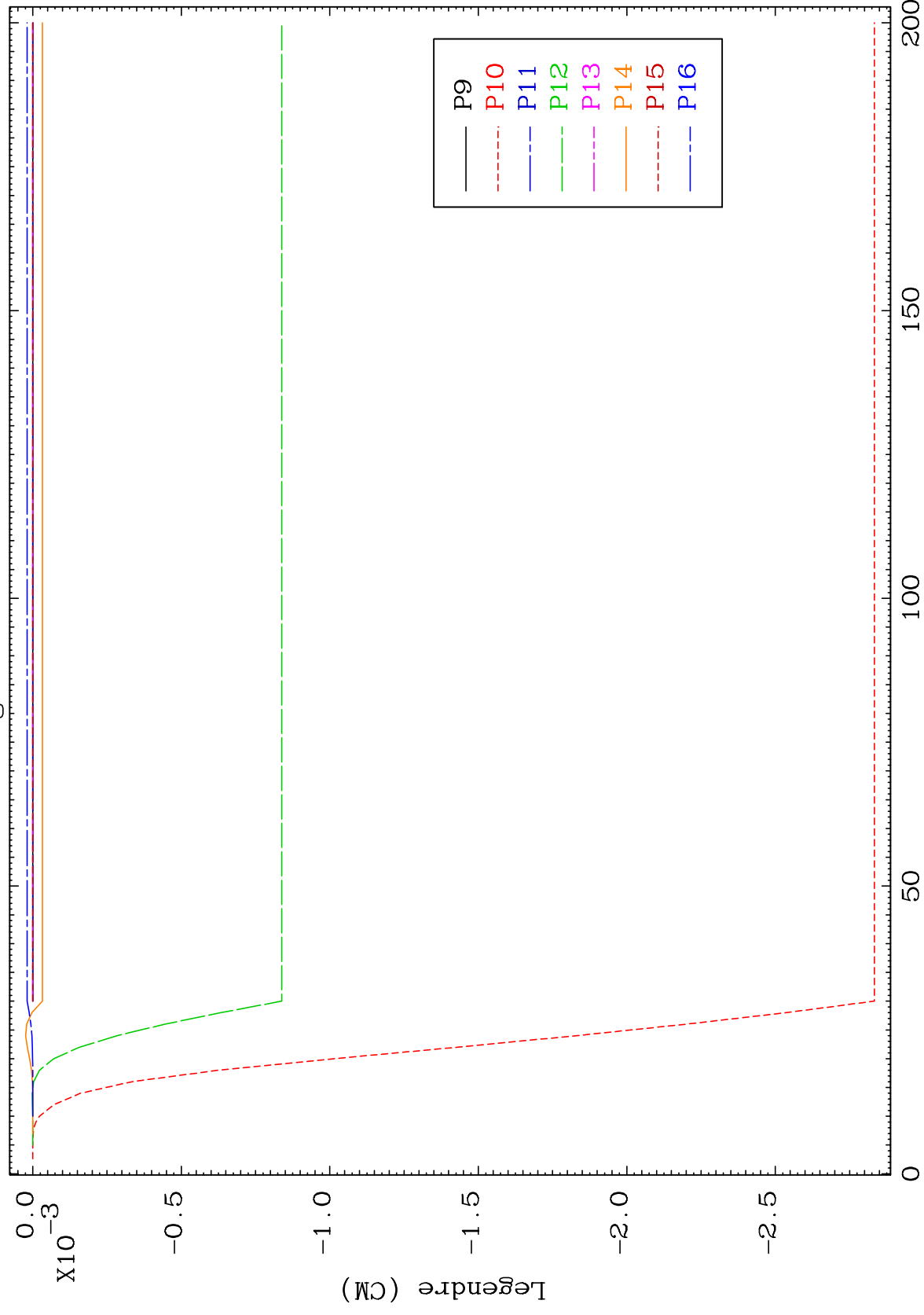
39-Y -85



MAT 3913

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

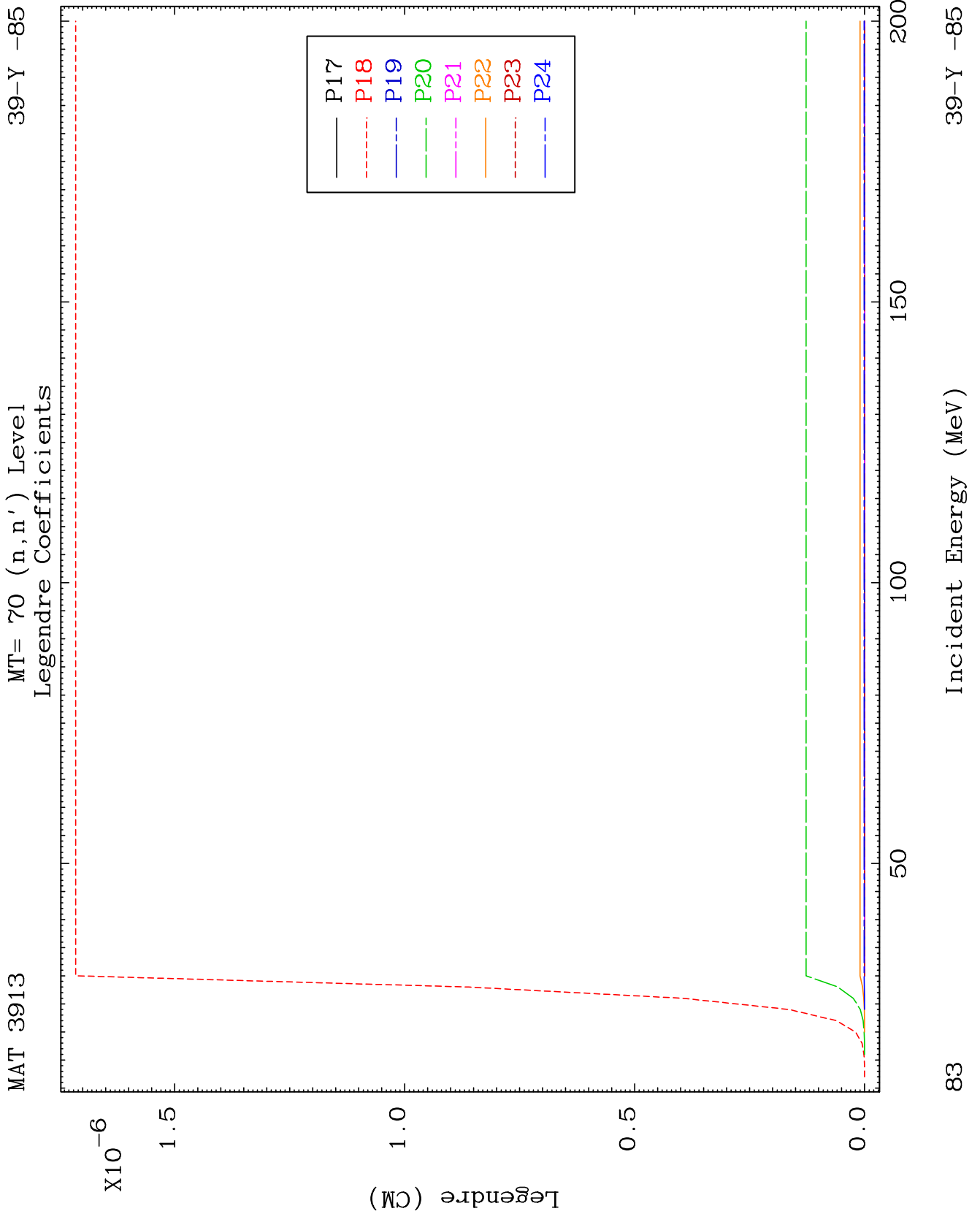
39-Y -85

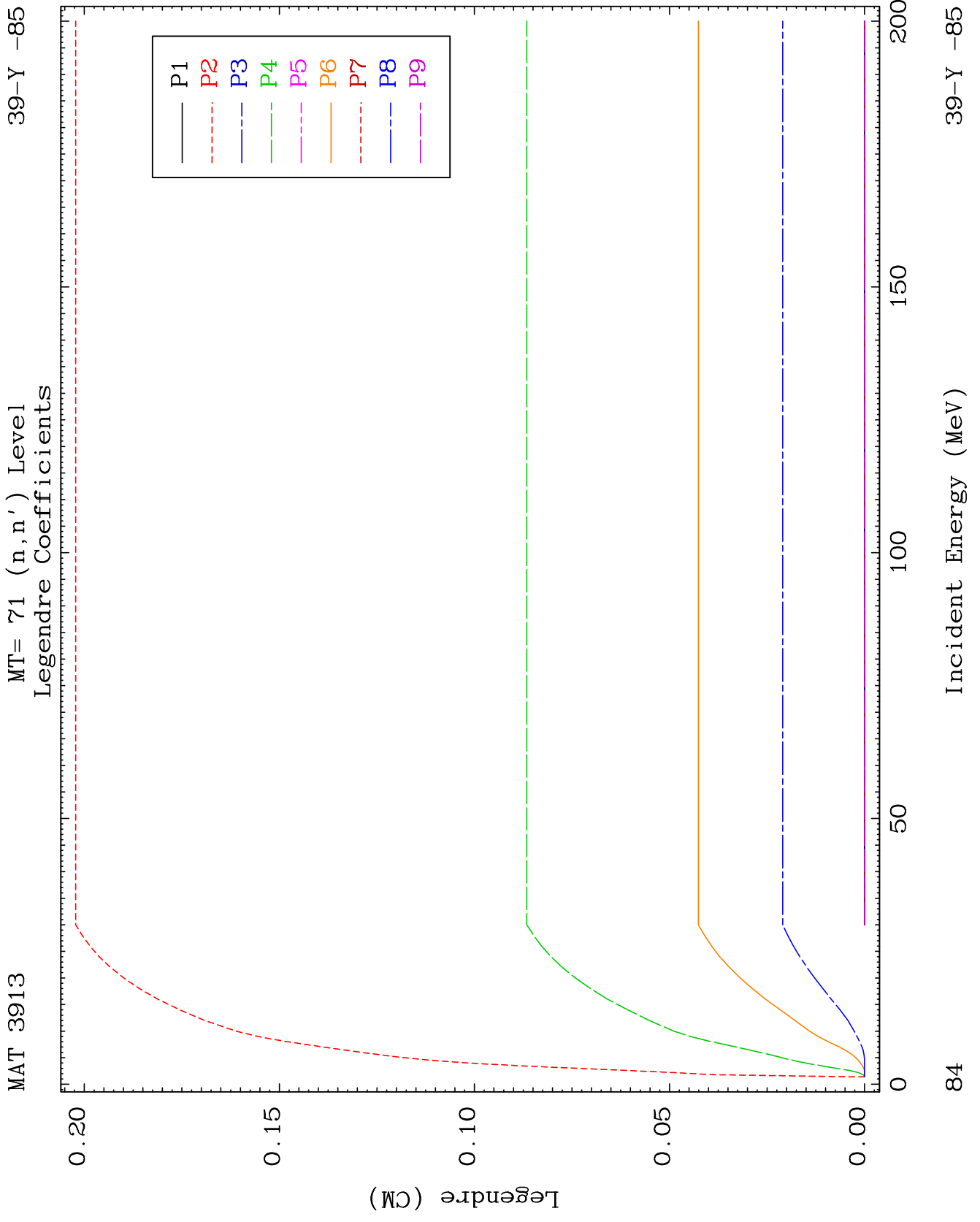


82

Incident Energy (MeV)

39-Y -85

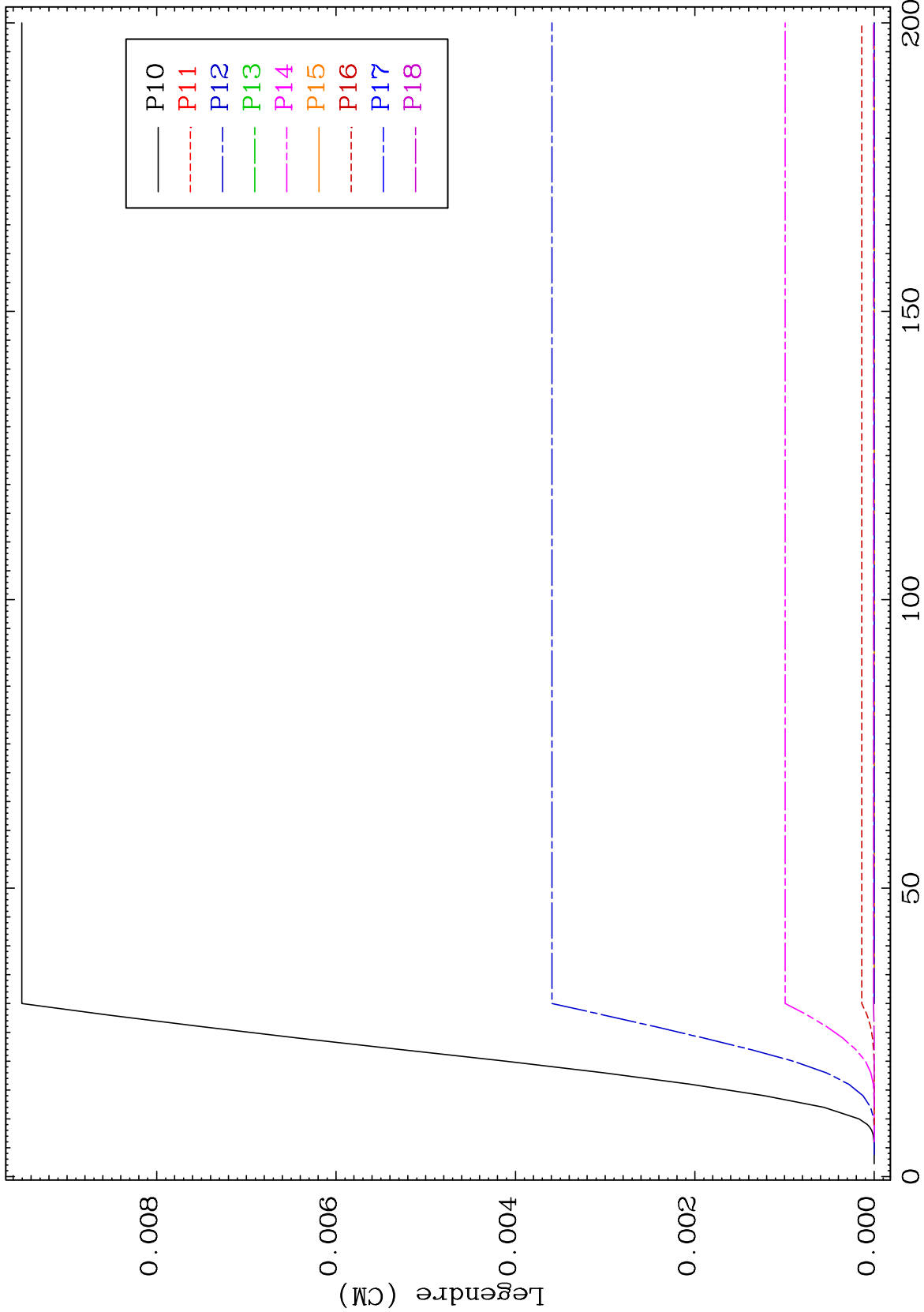




MAT 3913

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

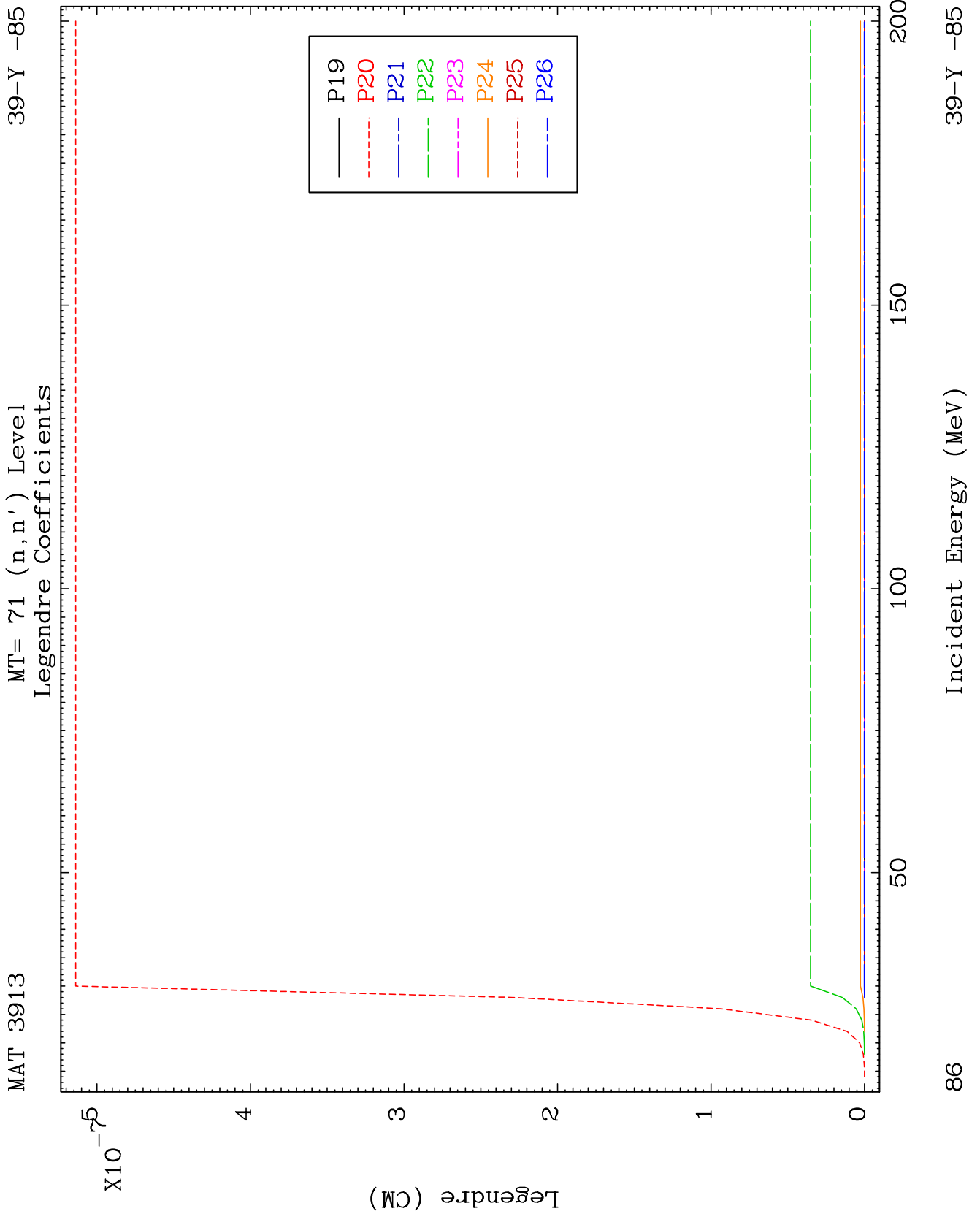
39-Y -85



85

Incident Energy (MeV)

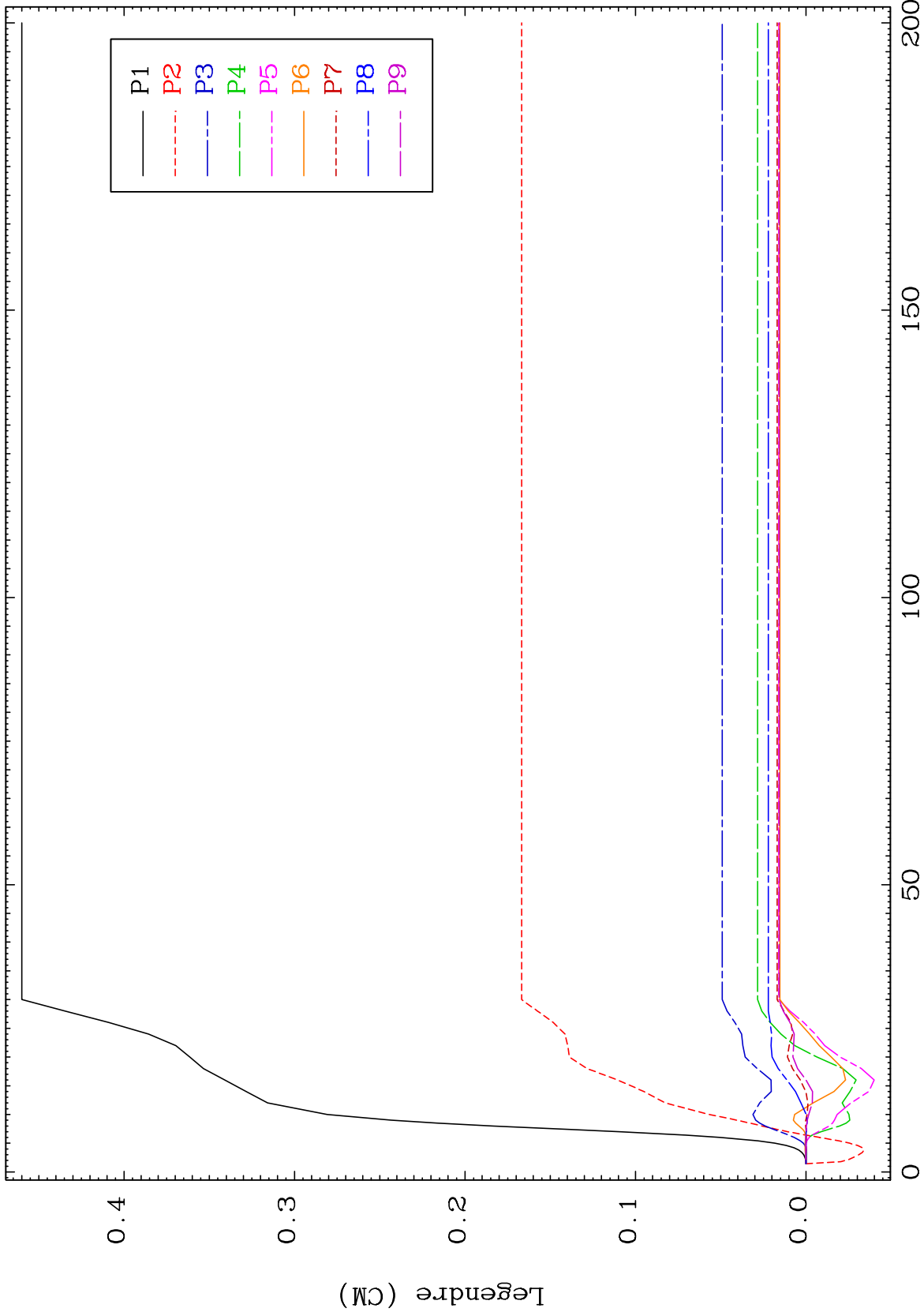
39-Y -85



MAT 3913

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

39-Y -85



87

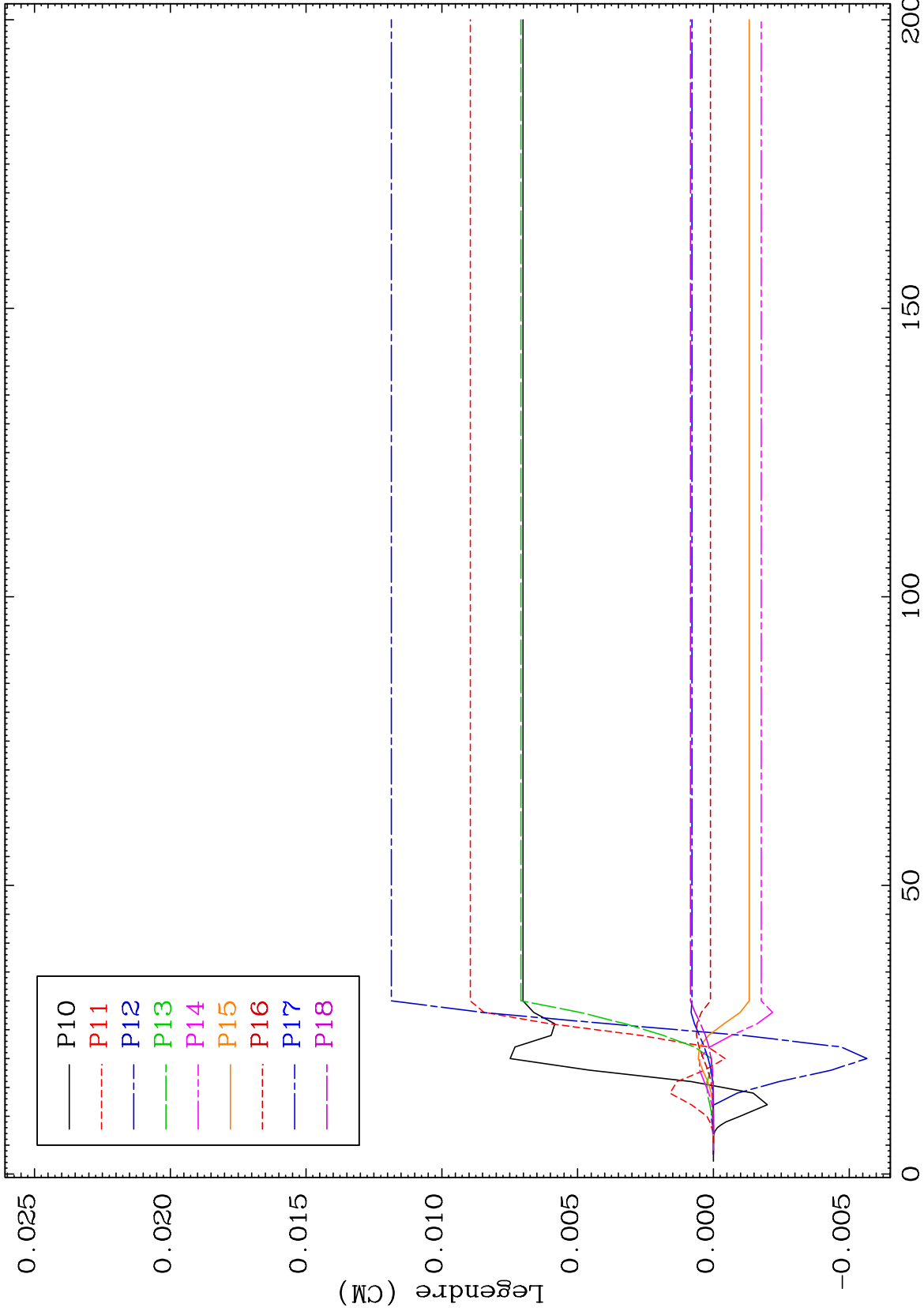
Incident Energy (MeV)

39-Y -85

MAT 3913

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

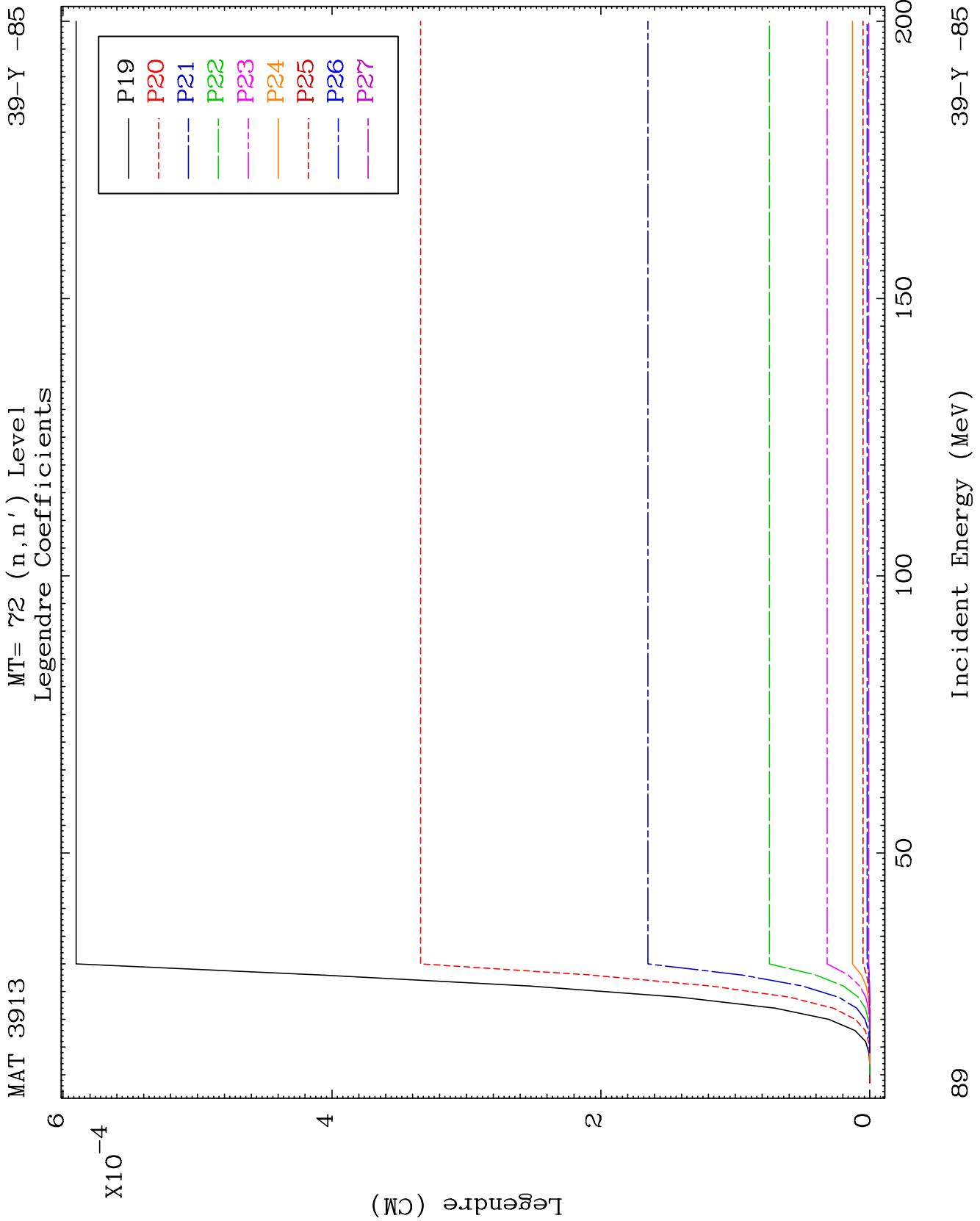
39-Y -85



88

Incident Energy (MeV)

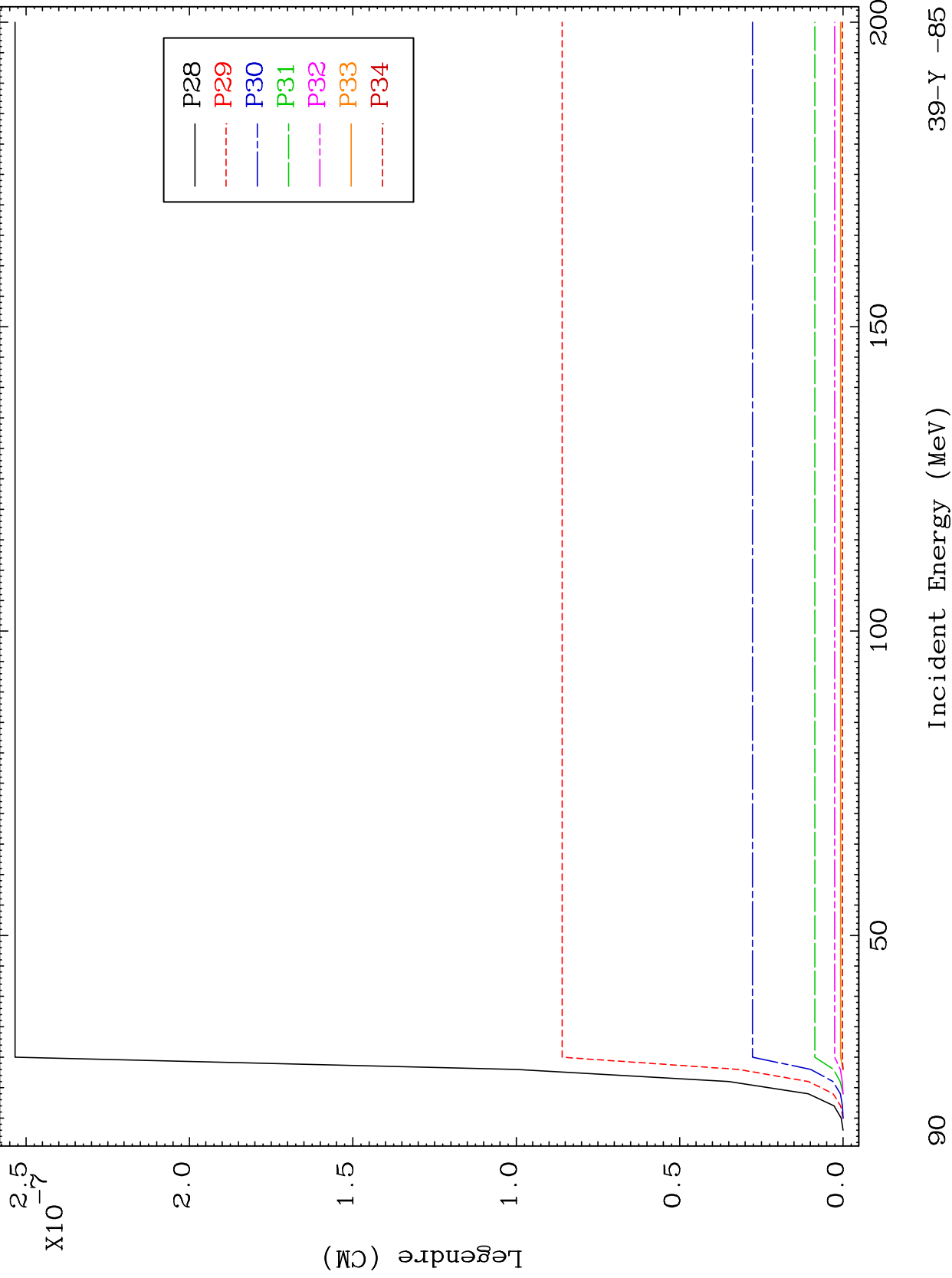
39-Y -85



MAT 3913

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

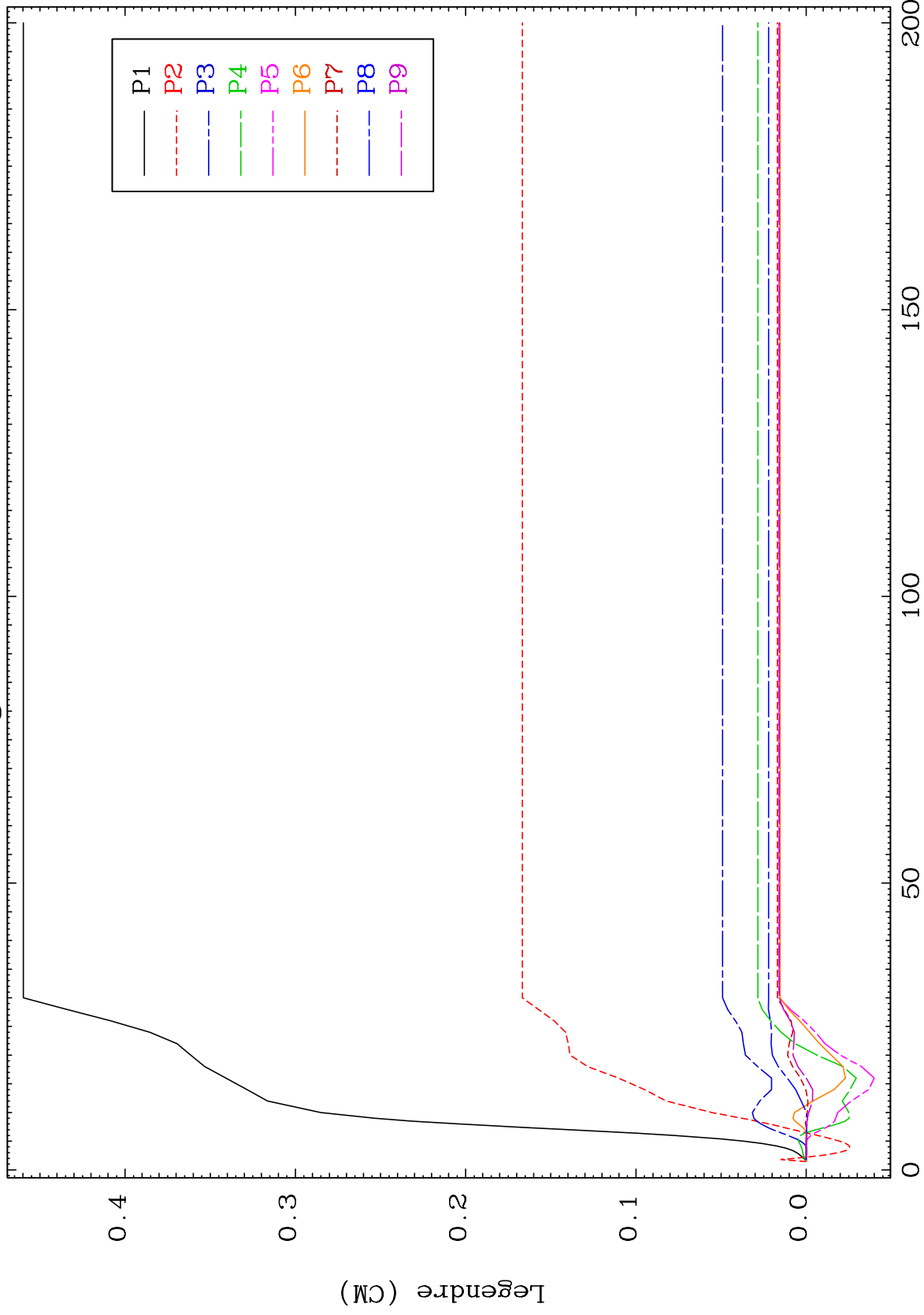
39-Y -85



MAT 3913

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

39-Y -85



91

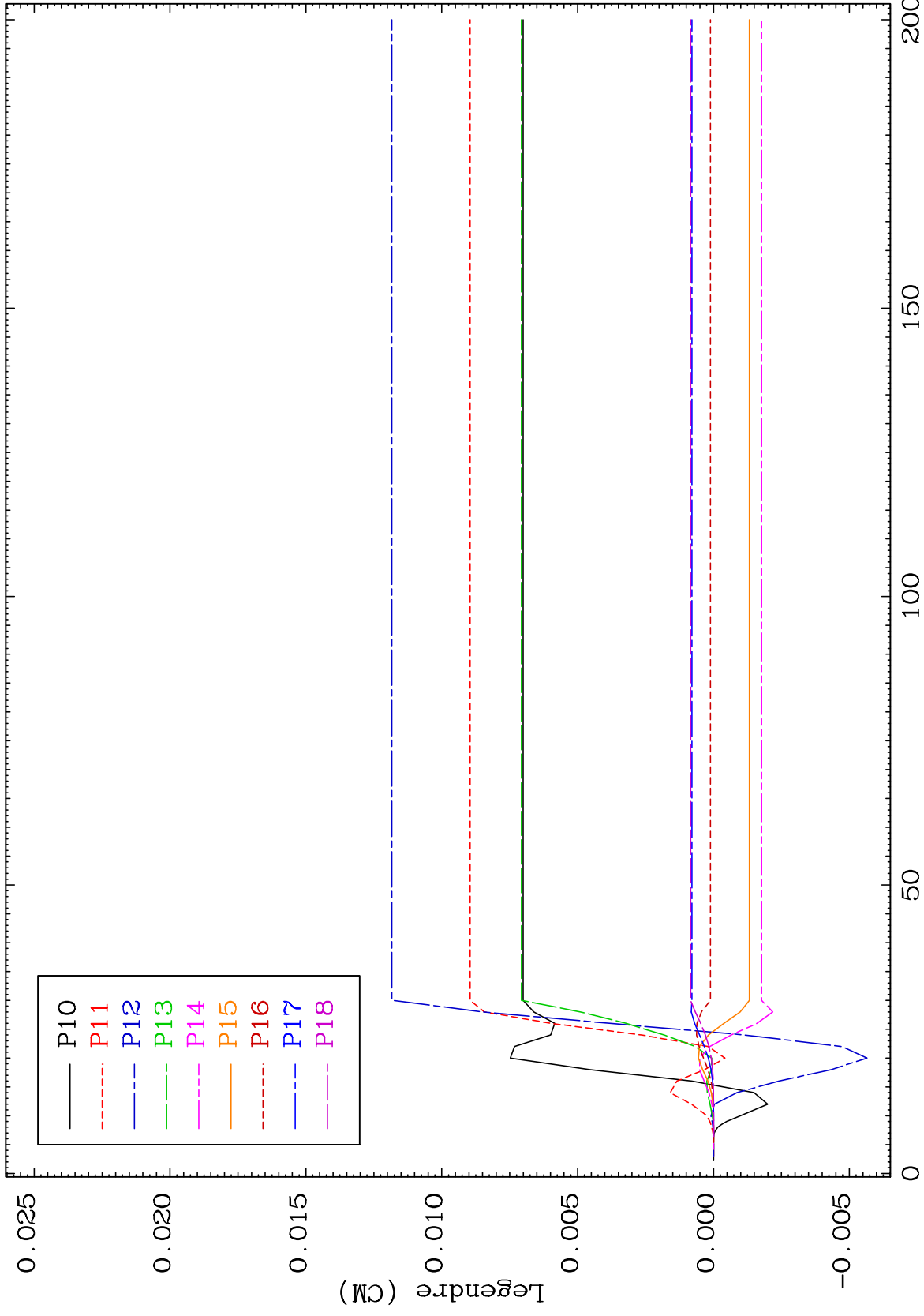
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



92

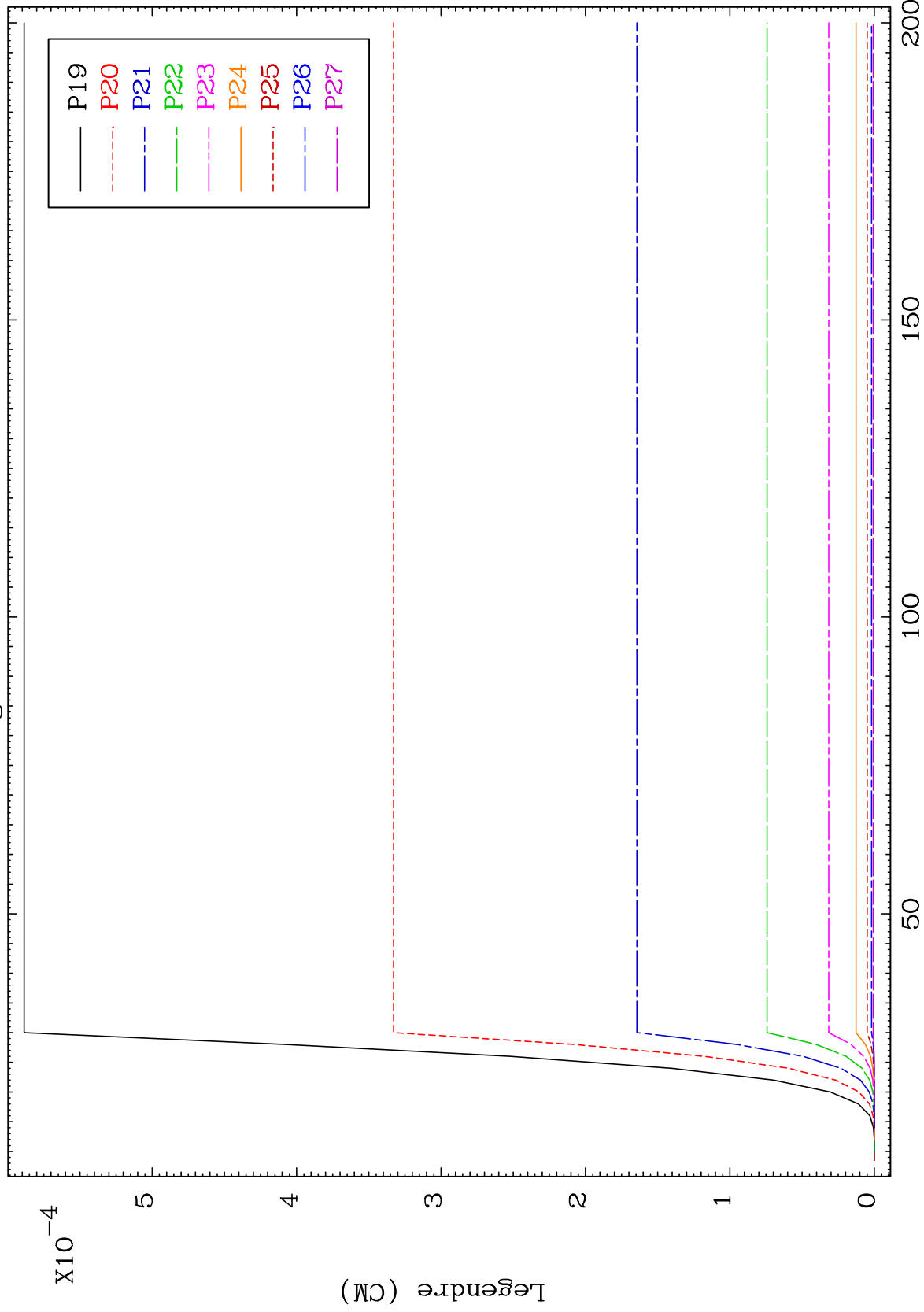
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



93

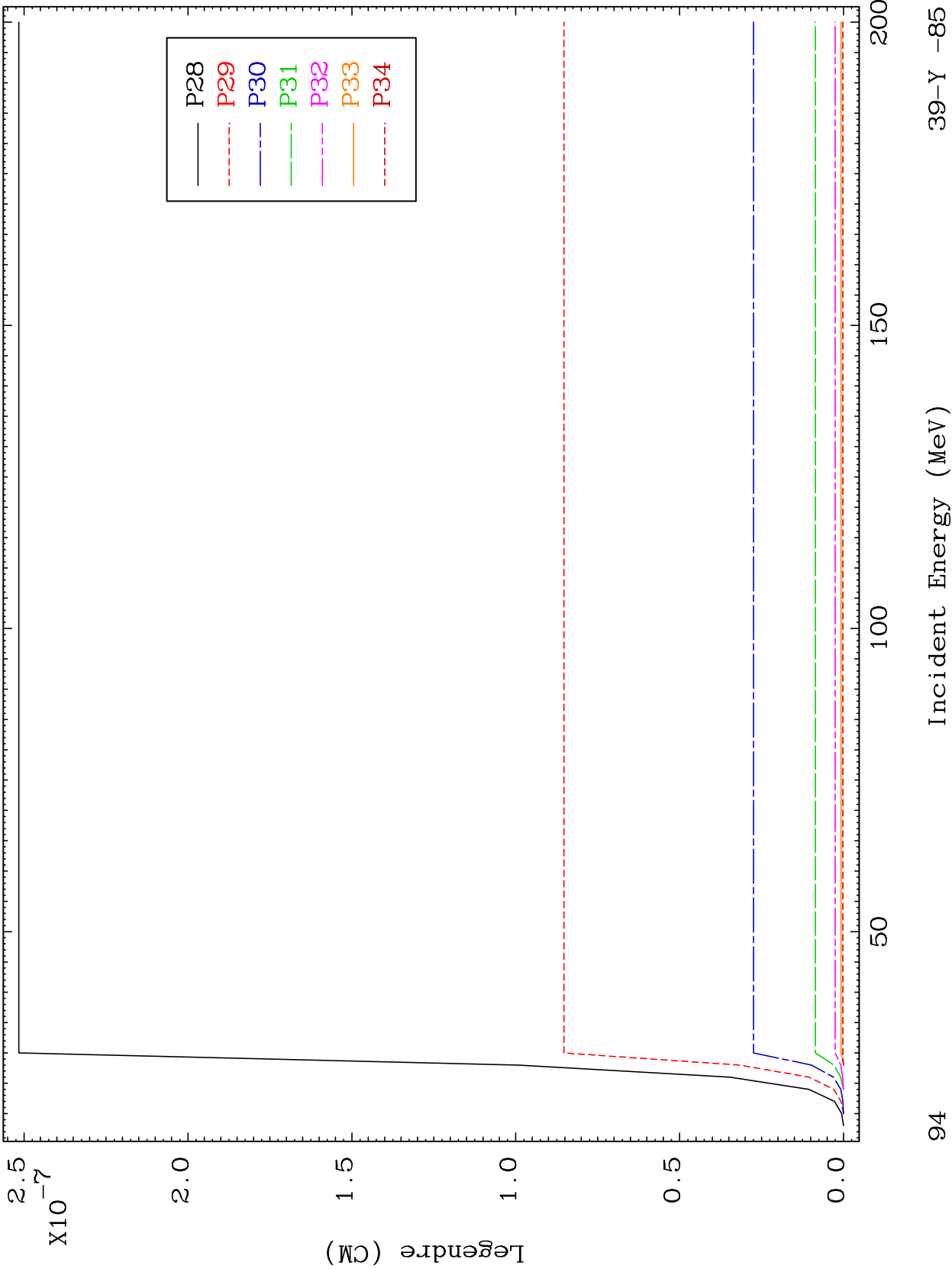
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



94

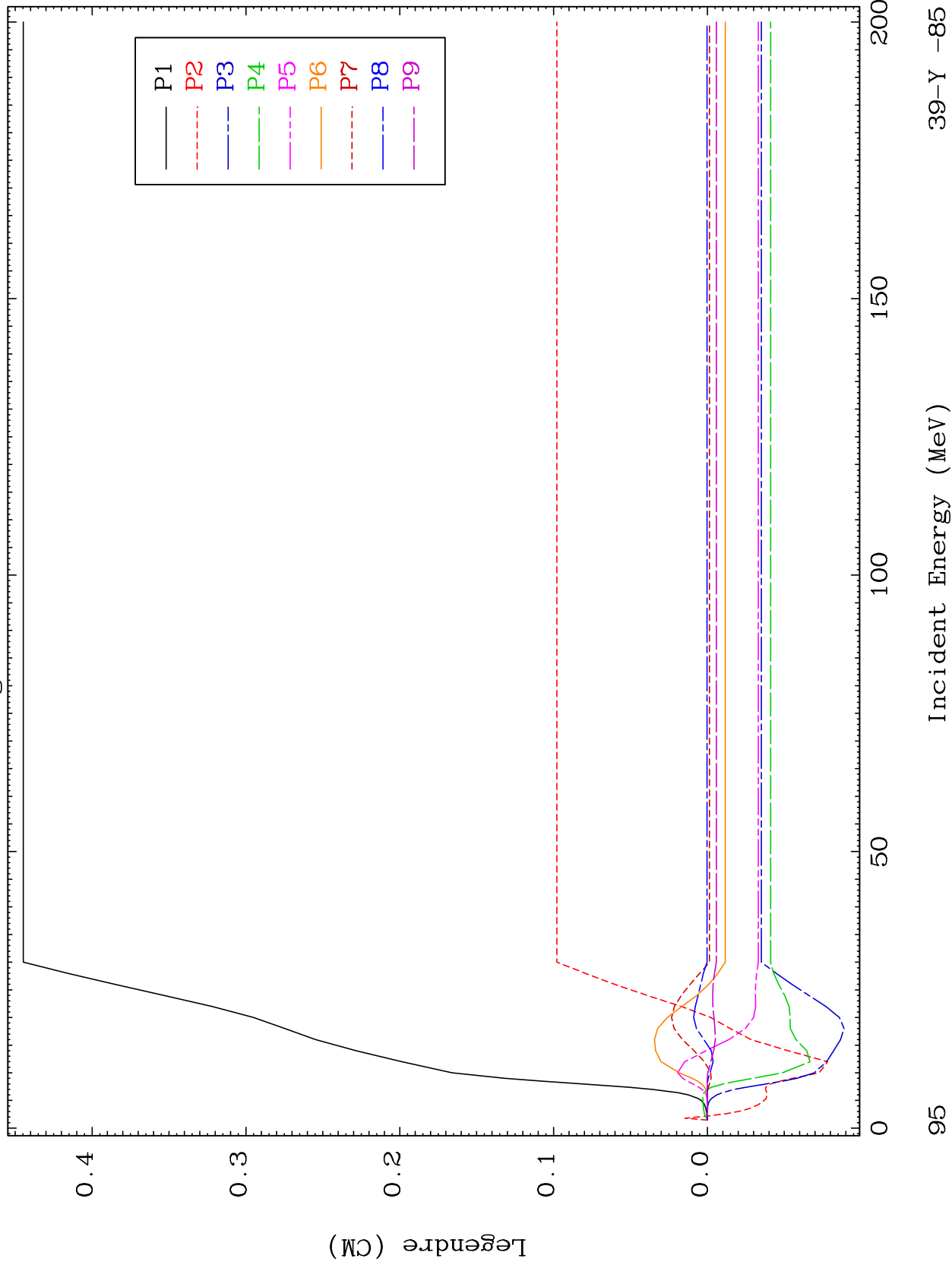
Incident Energy (MeV)

39-Y -85

MAT 3913

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

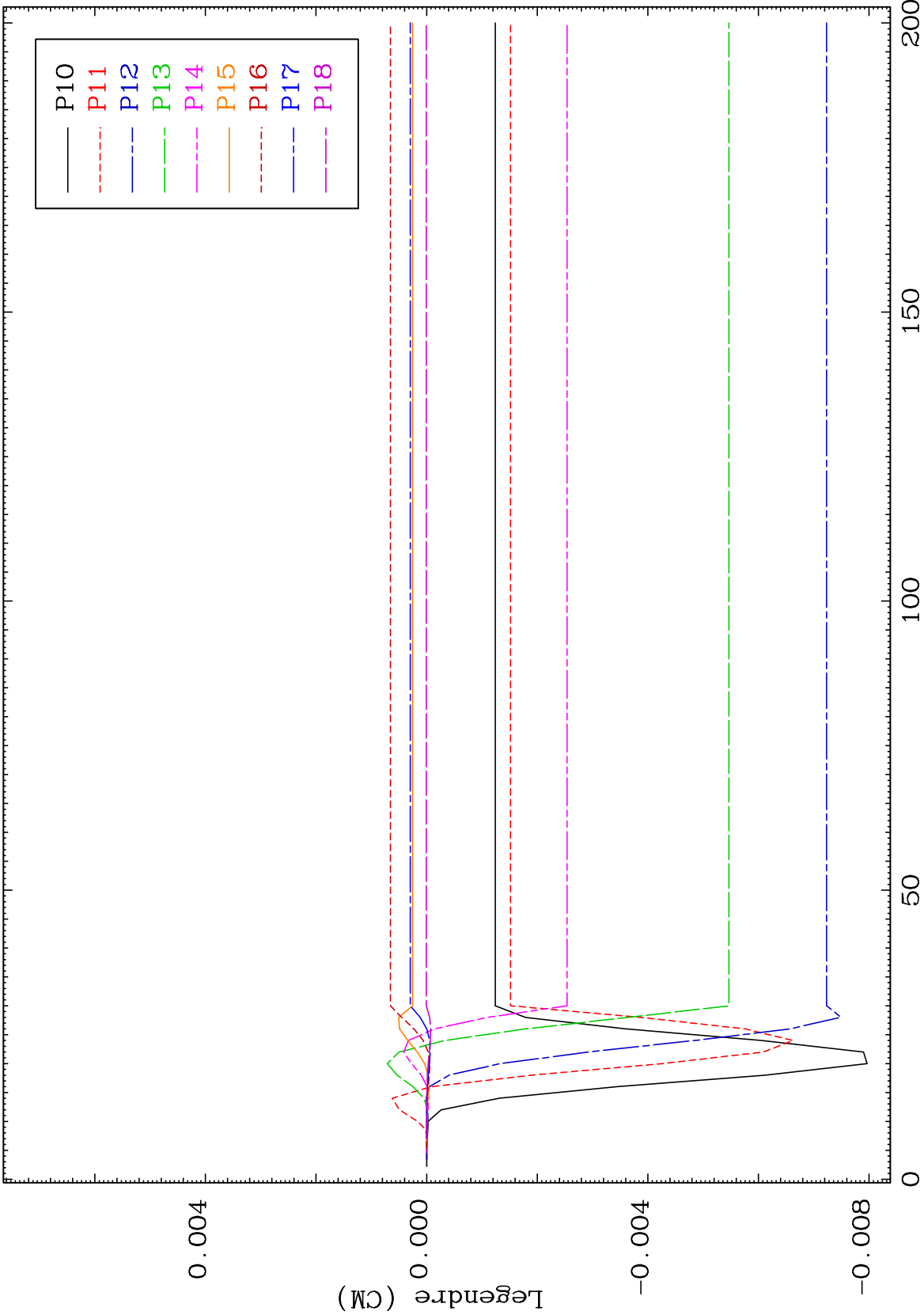
39-Y -85



MAT 3913

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

39-Y -85



96

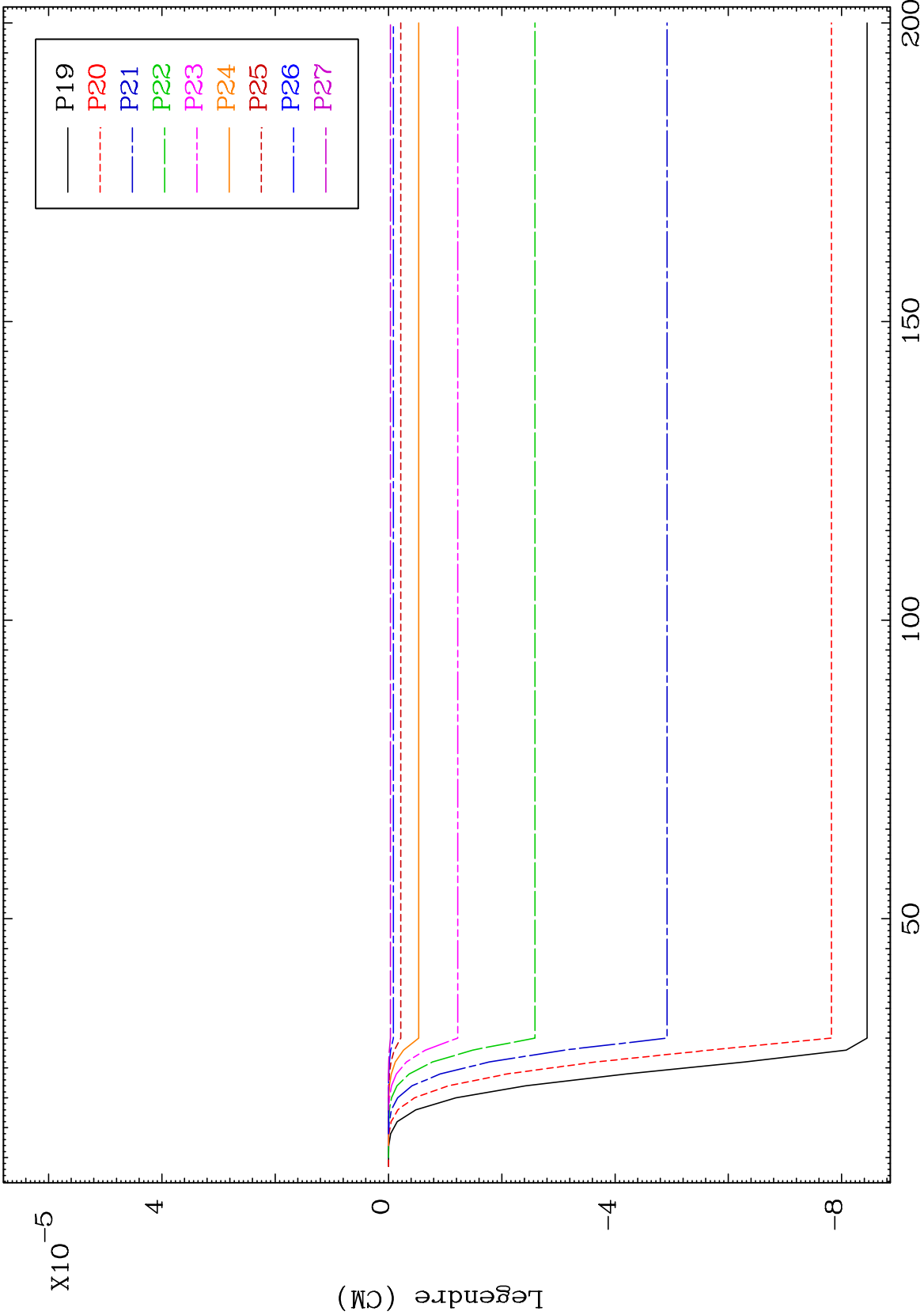
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



97

Incident Energy (MeV)

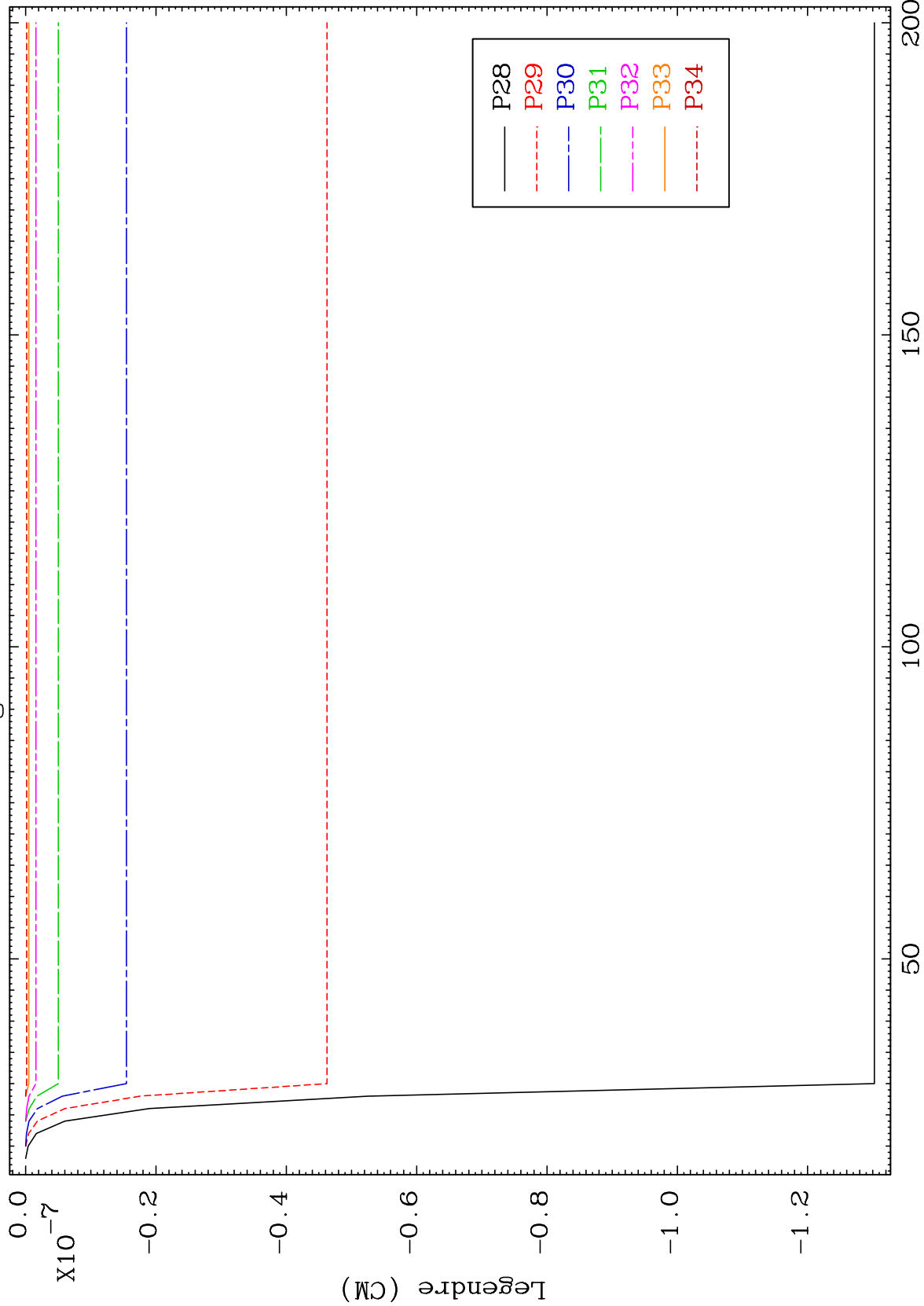
39-Y -85

MAT 3913

MT= 74 (n,n') Level

39-Y -85

Legendre Coefficients



98

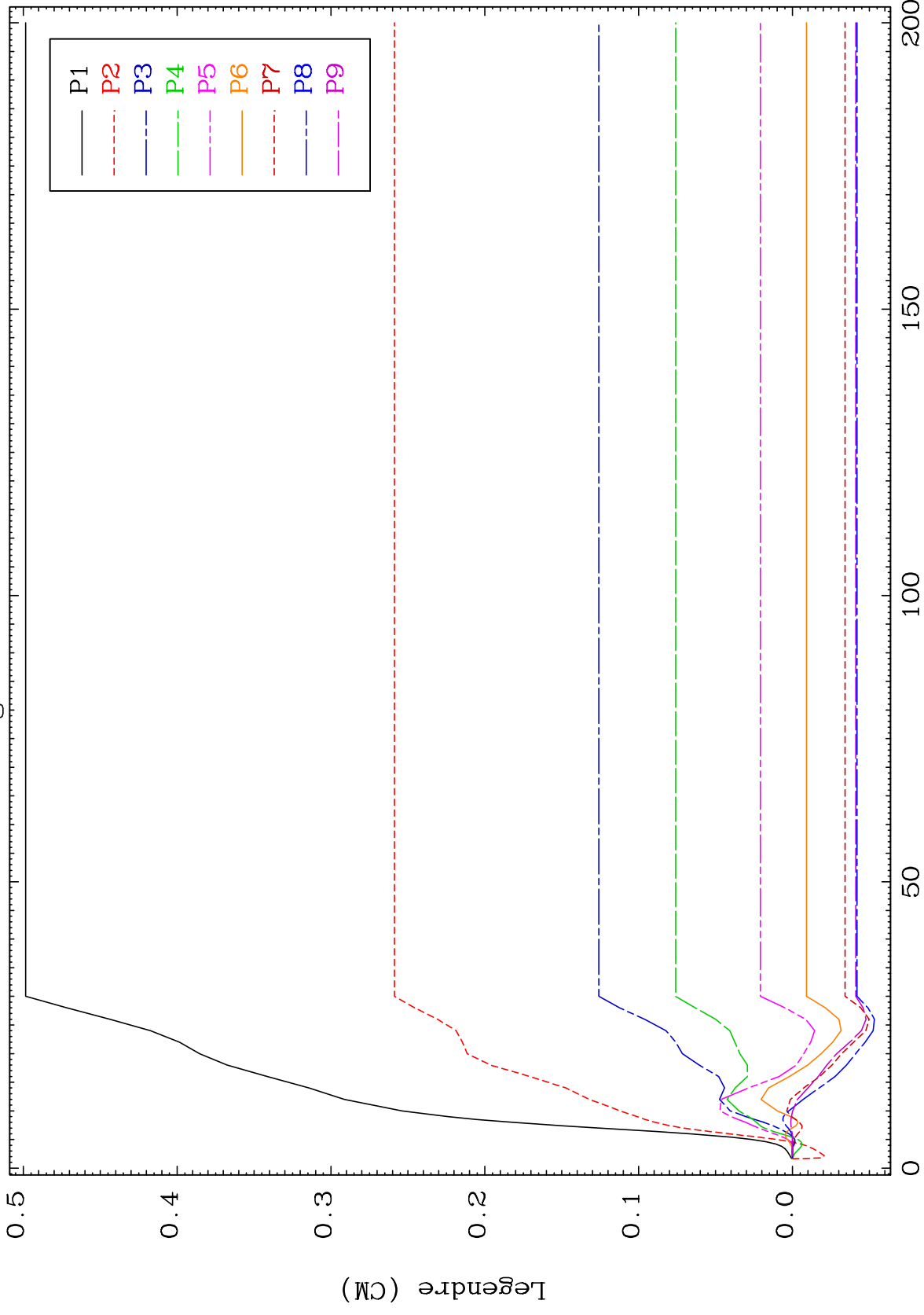
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



99

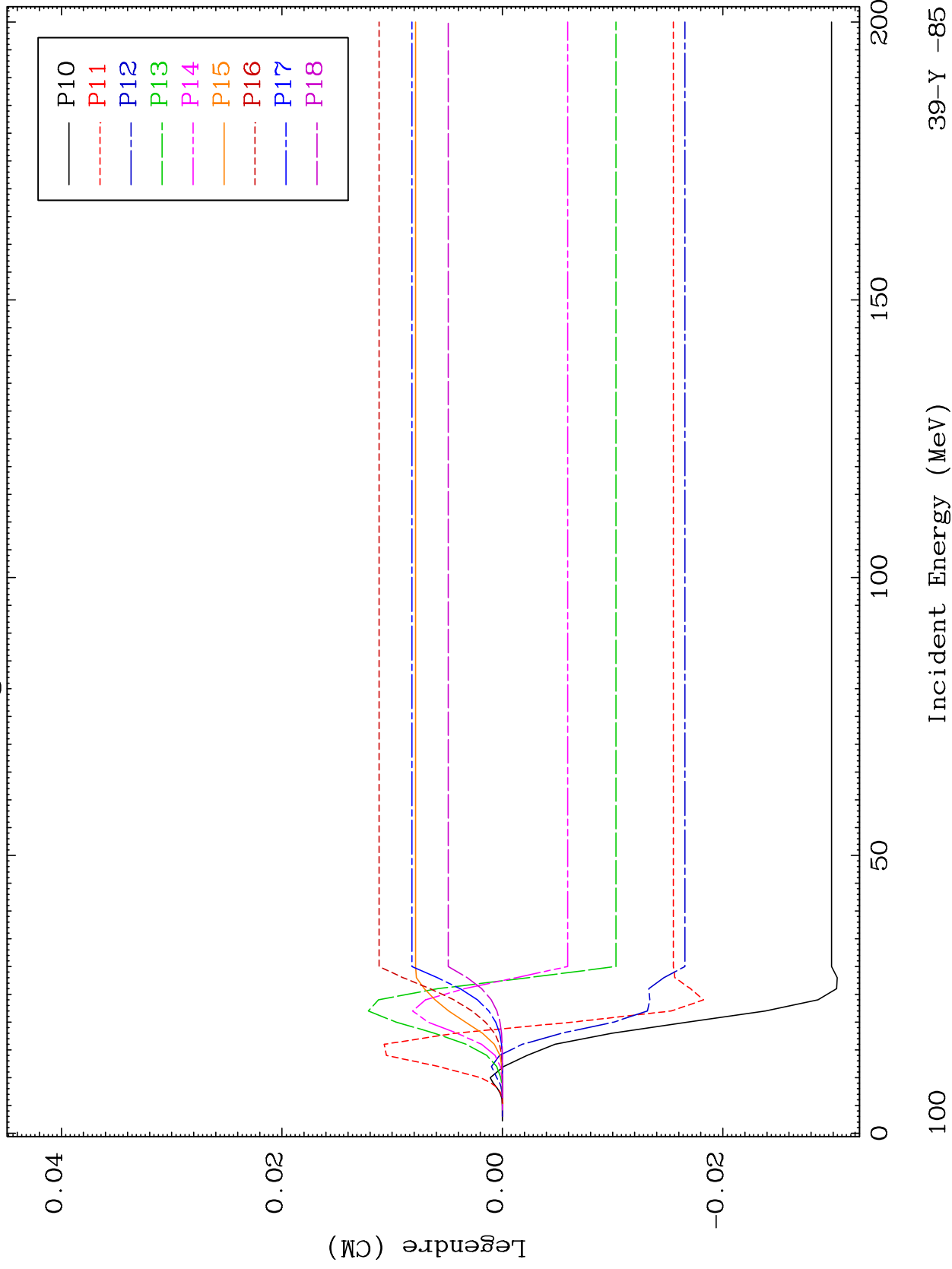
Incident Energy (MeV)

39-Y -85

MAT 3913

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

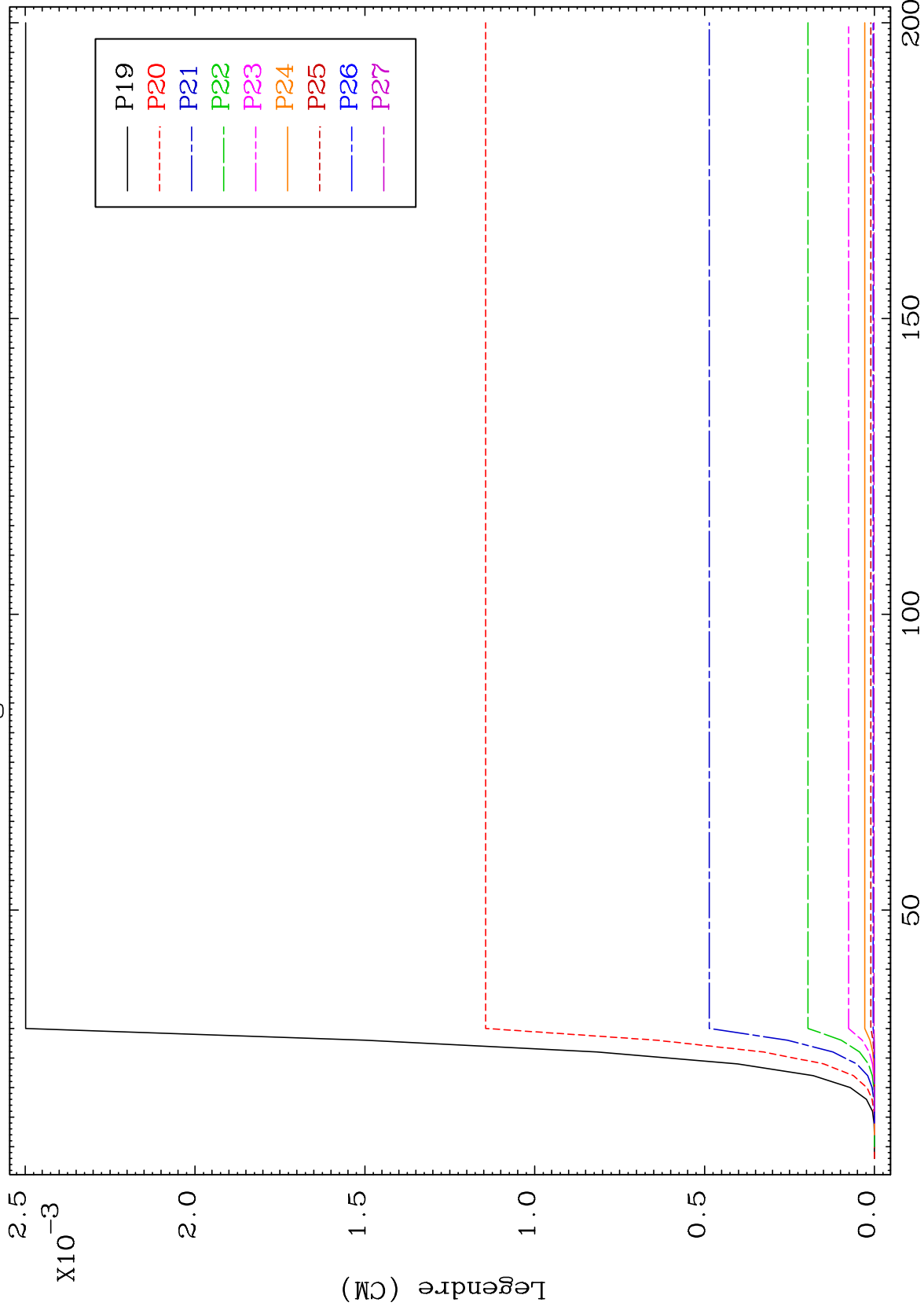
39-Y -85



MAT 3913

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

39-Y -85



101

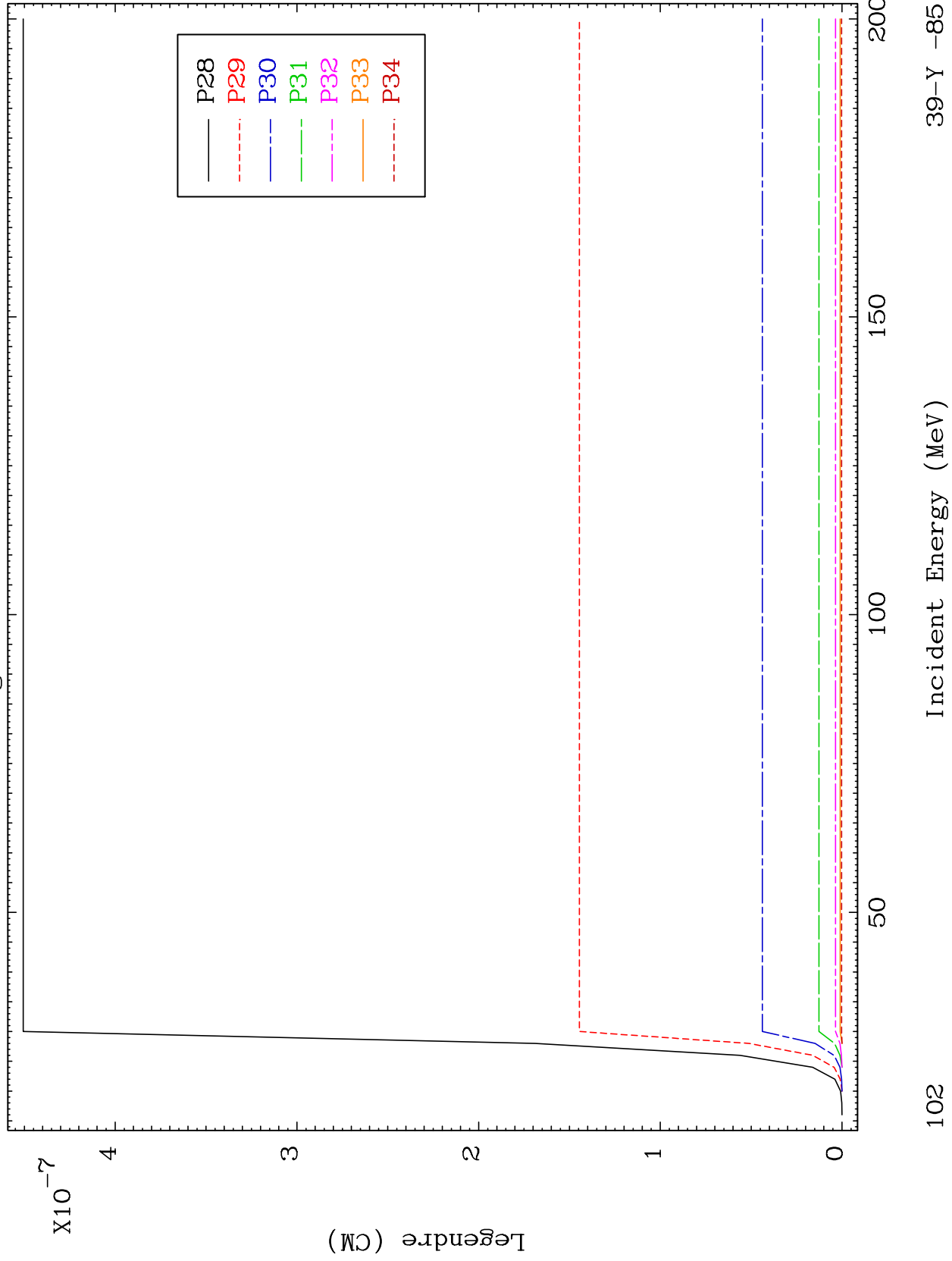
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



102

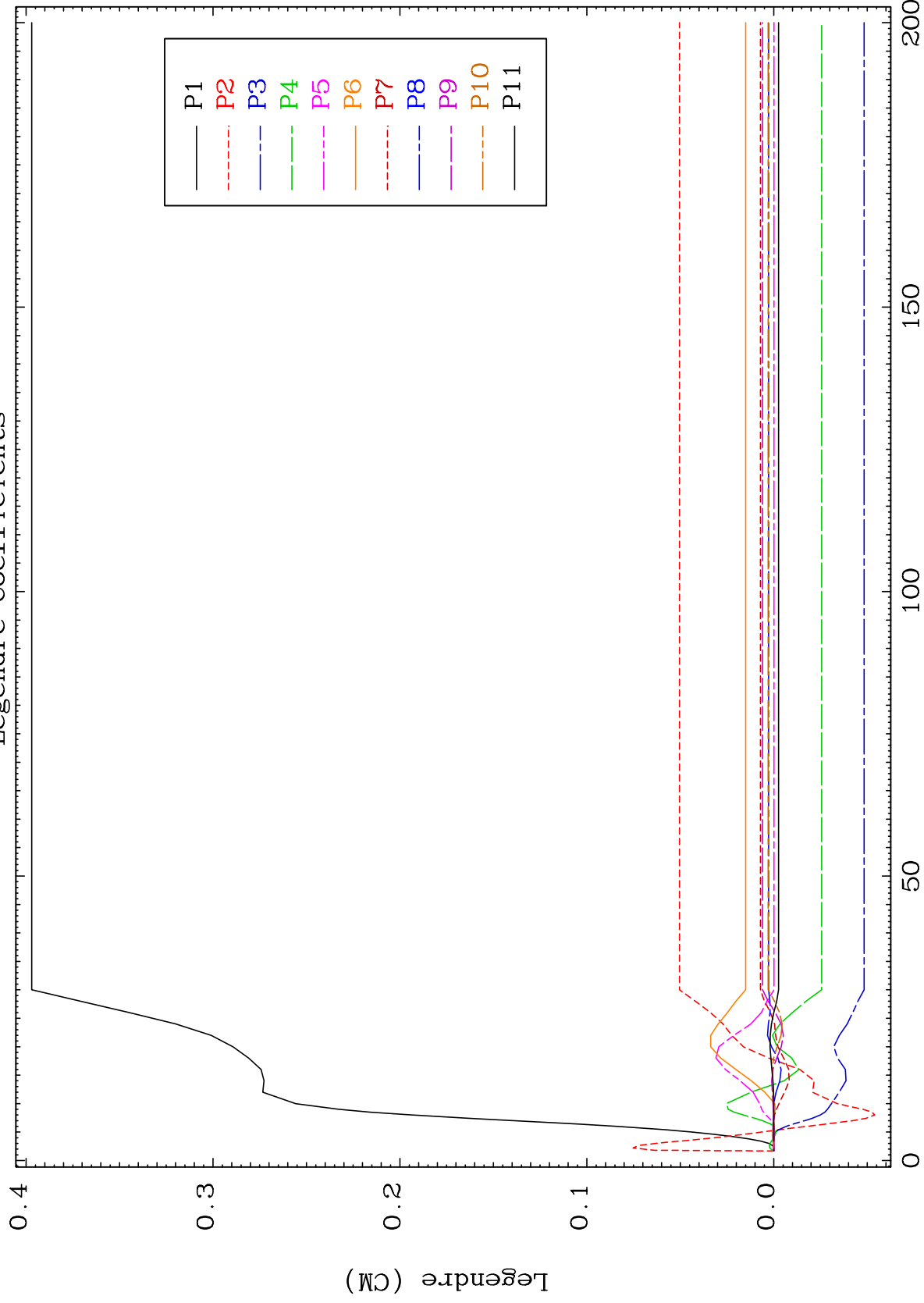
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



Incident Energy (MeV)

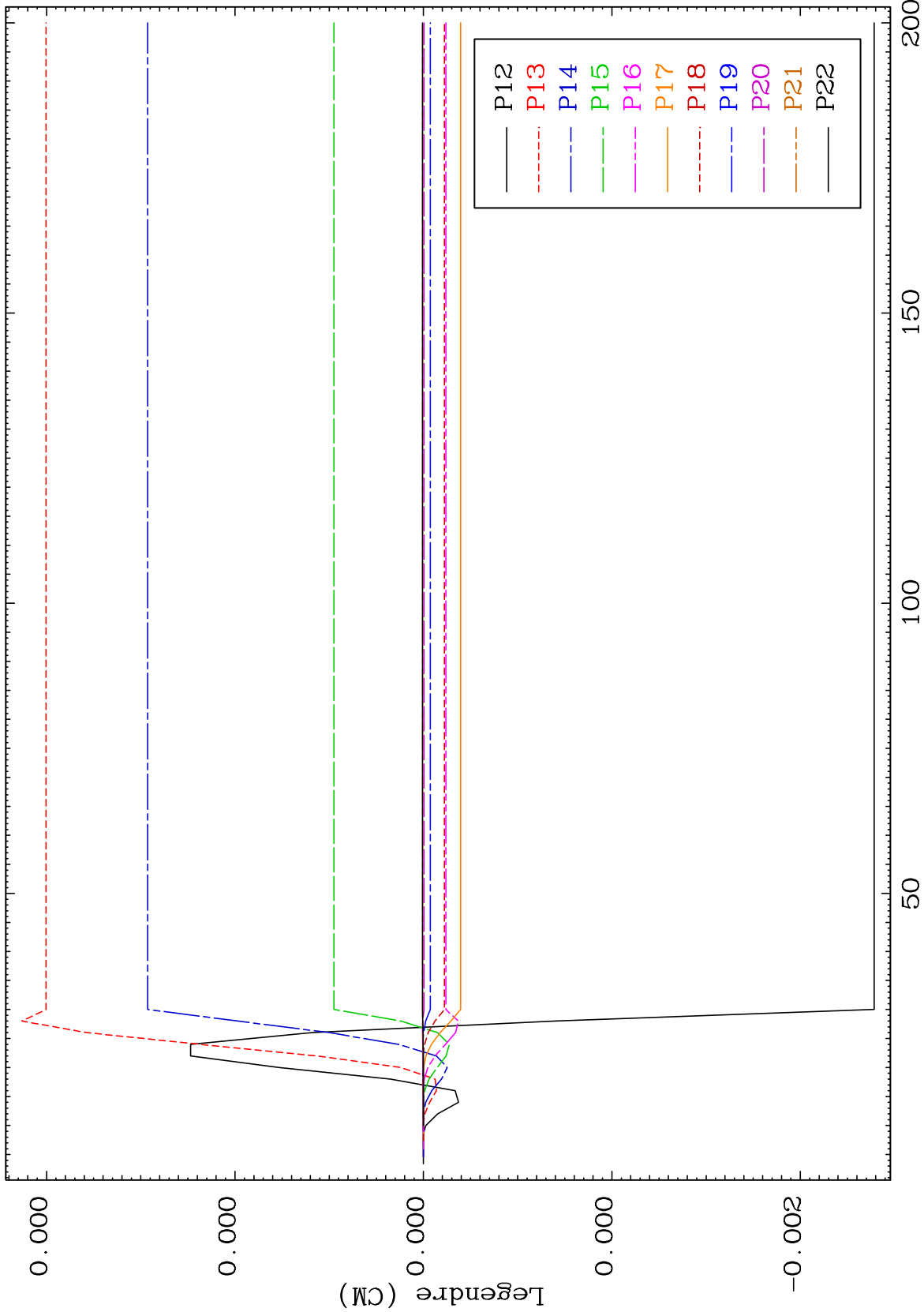
39-Y -85

103

MAT 3913

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

39-Y -85



104

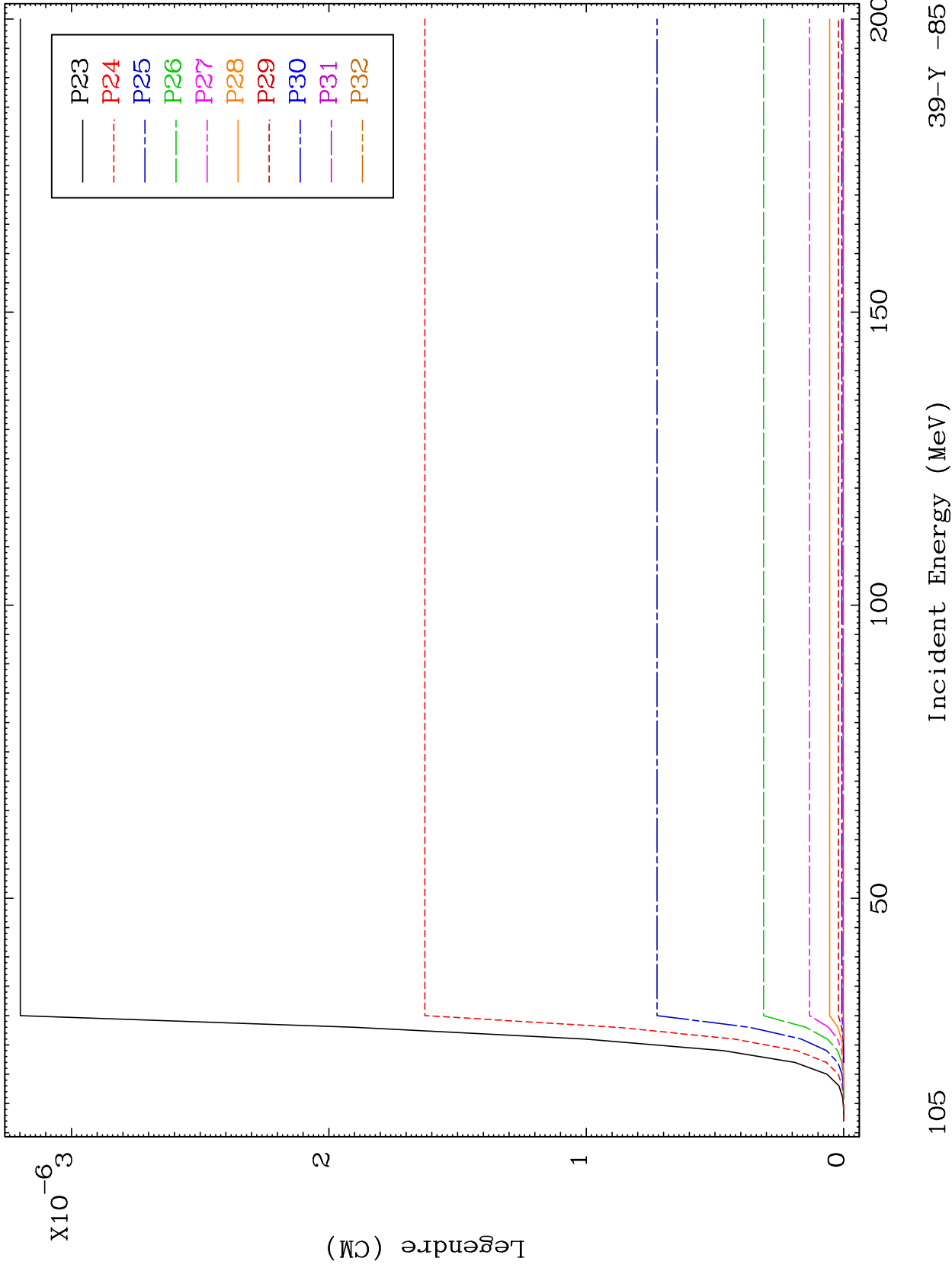
Incident Energy (MeV)

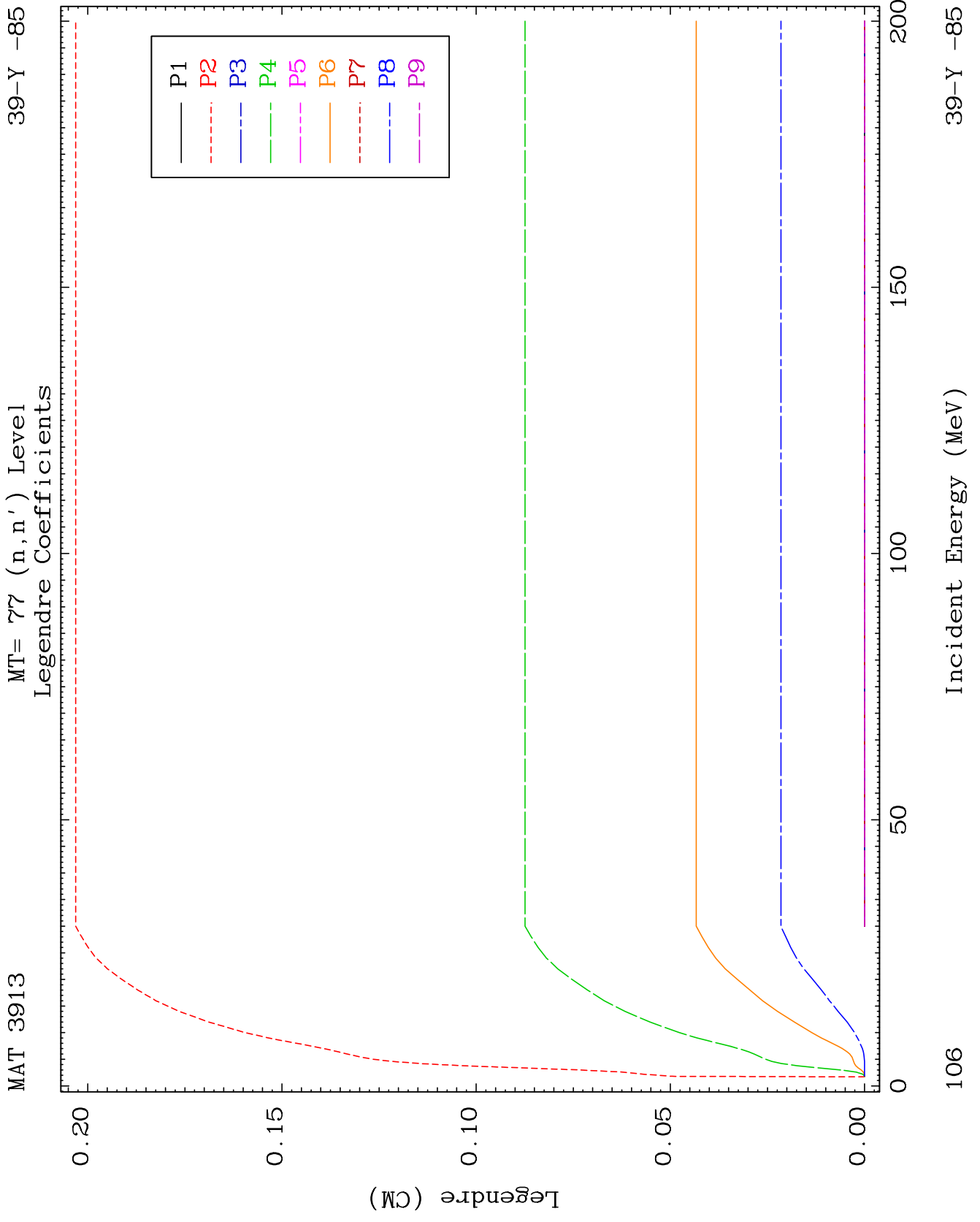
39-Y -85

MAT 3913

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

39-Y -85

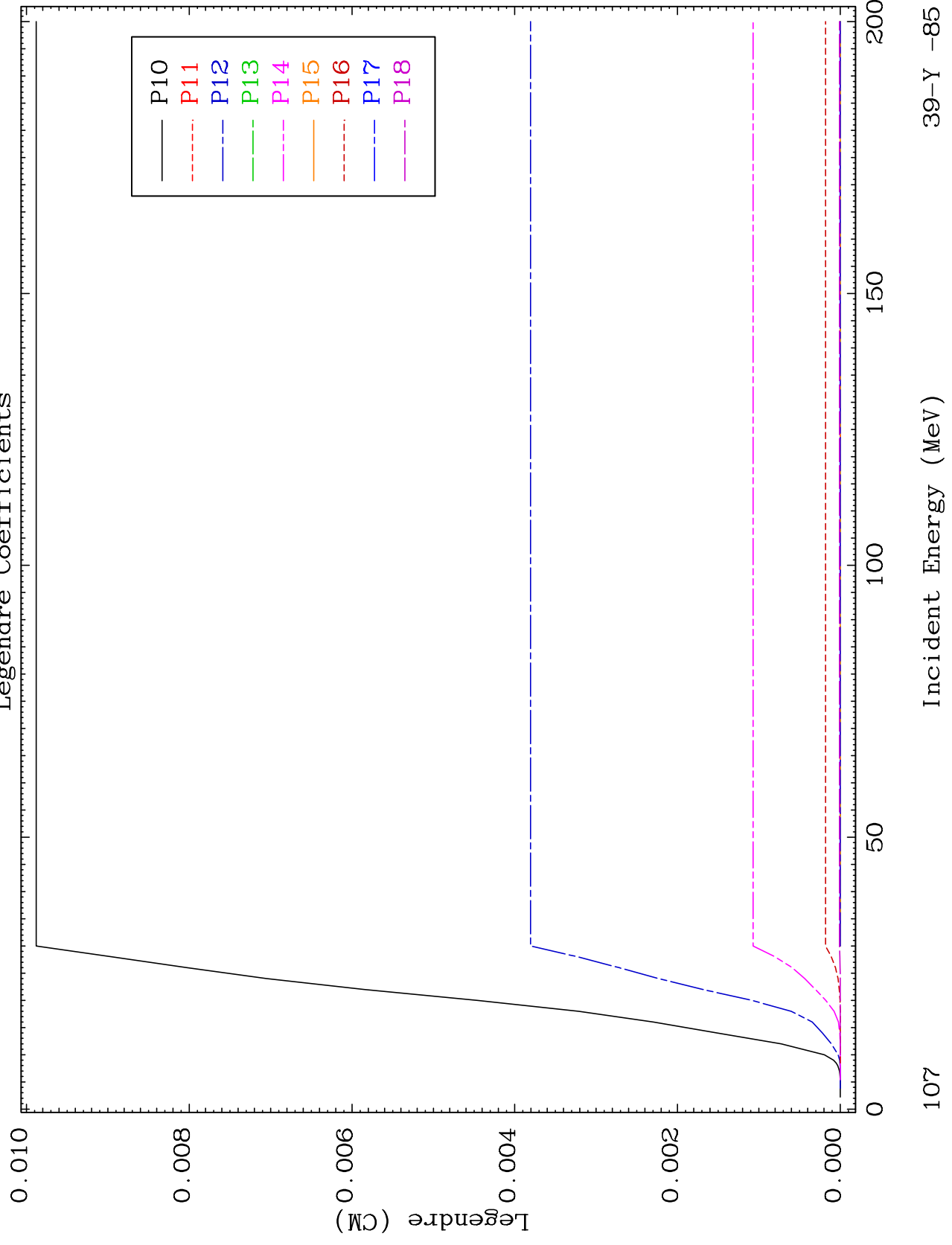




MAT 3913

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

39-Y -85



107

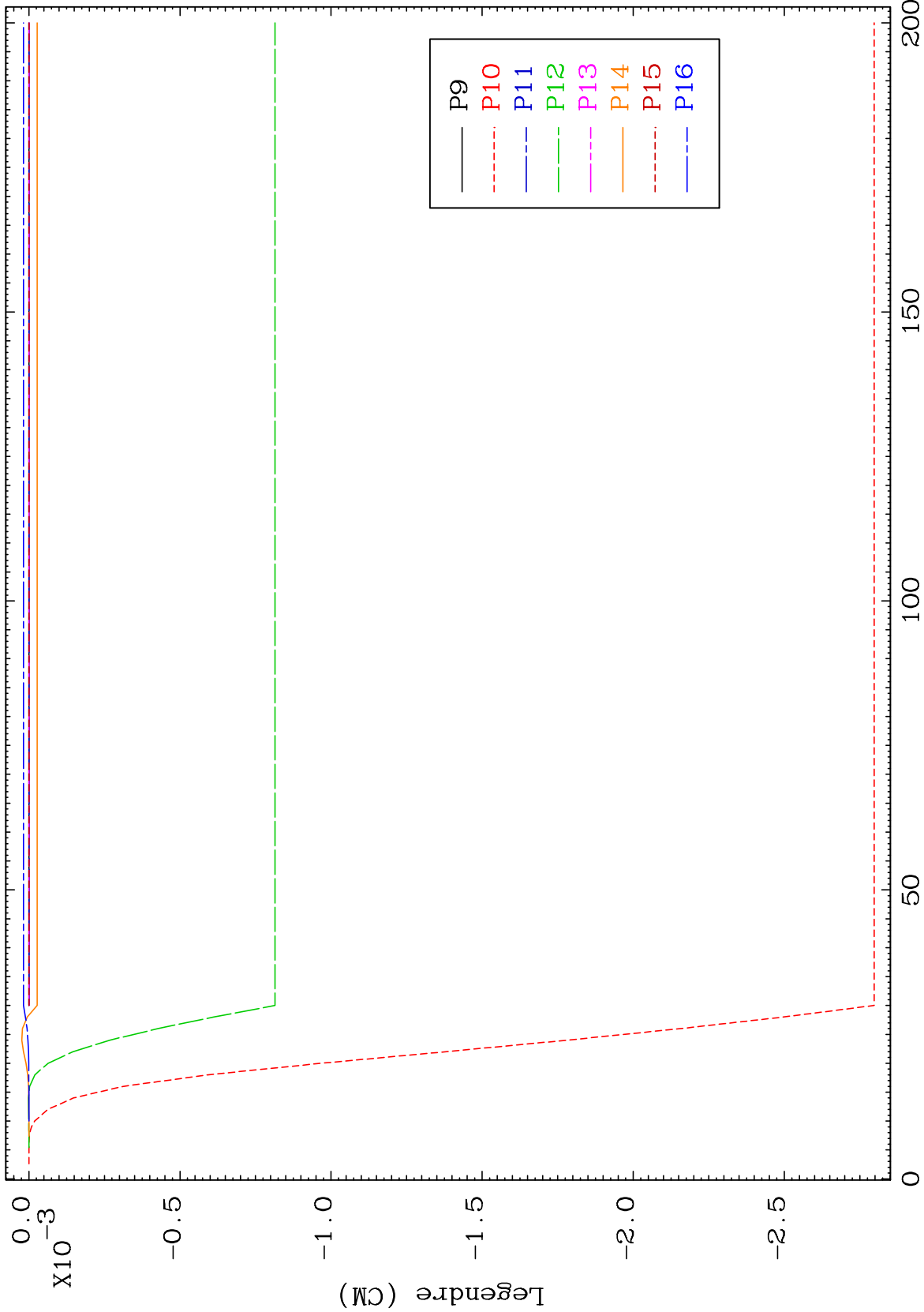
Incident Energy (MeV)

39-Y -85

MAT 3913

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

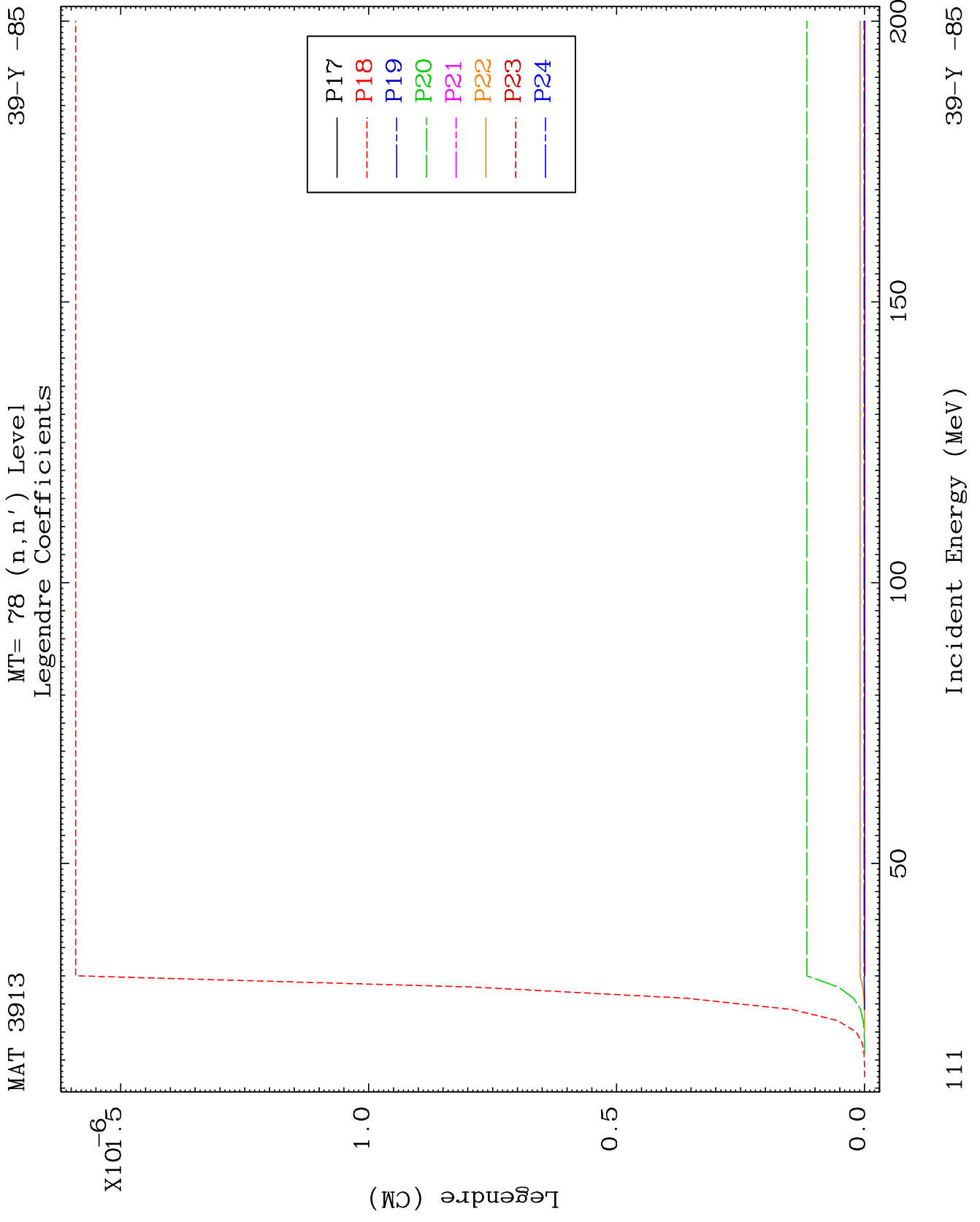
39-Y -85



110

Incident Energy (MeV)

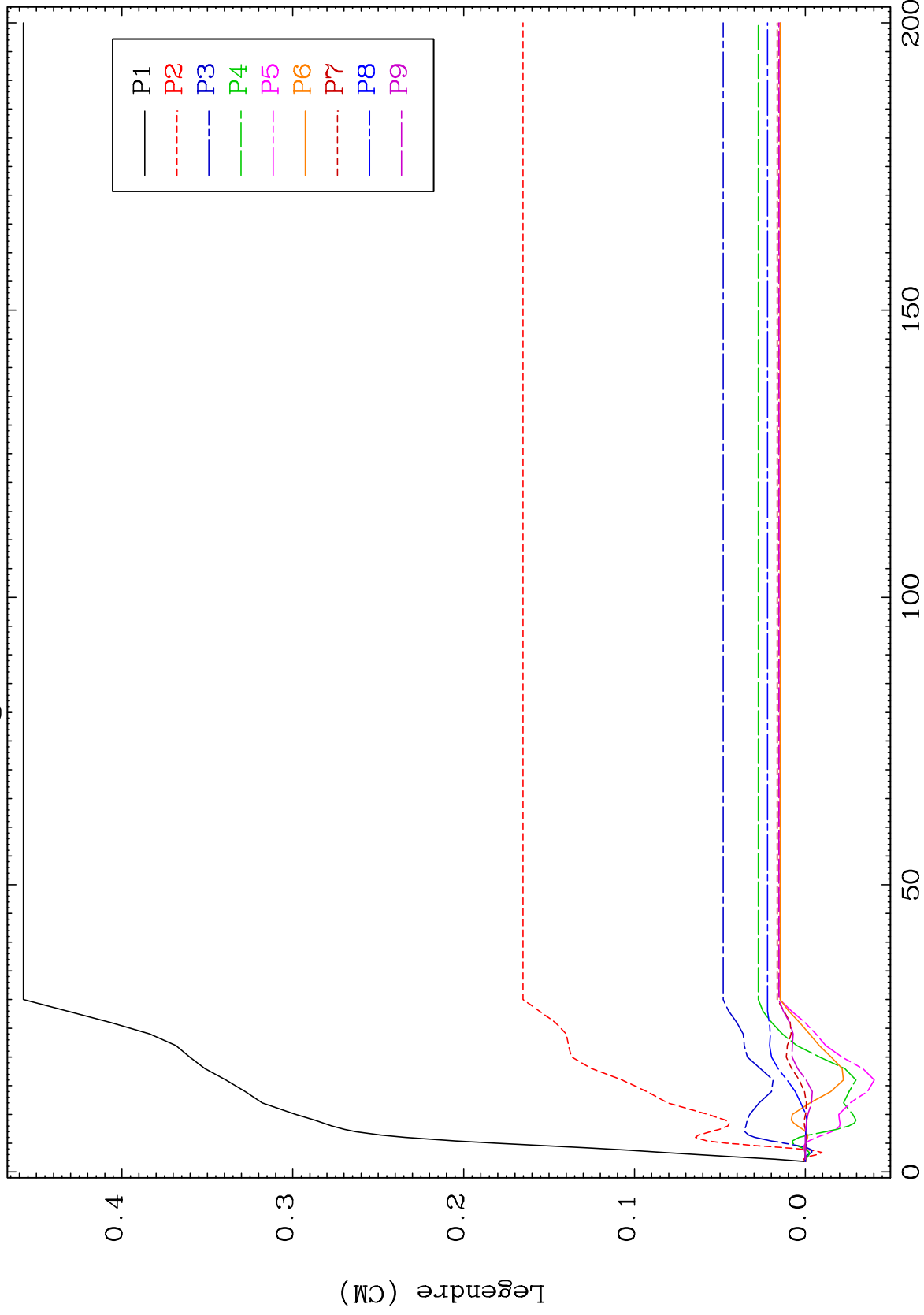
39-Y -85



MAT 3913

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

39-Y -85



112

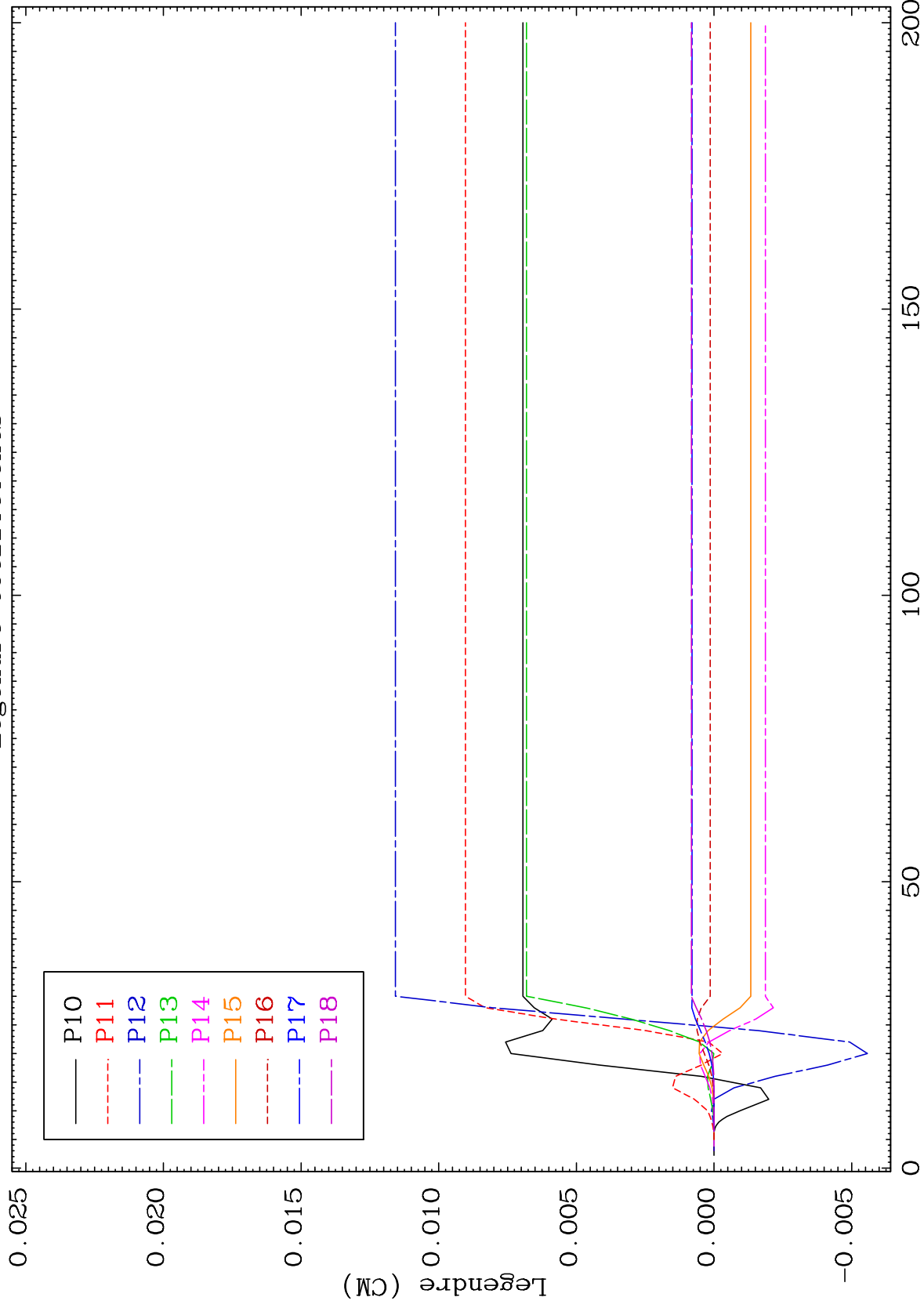
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



113

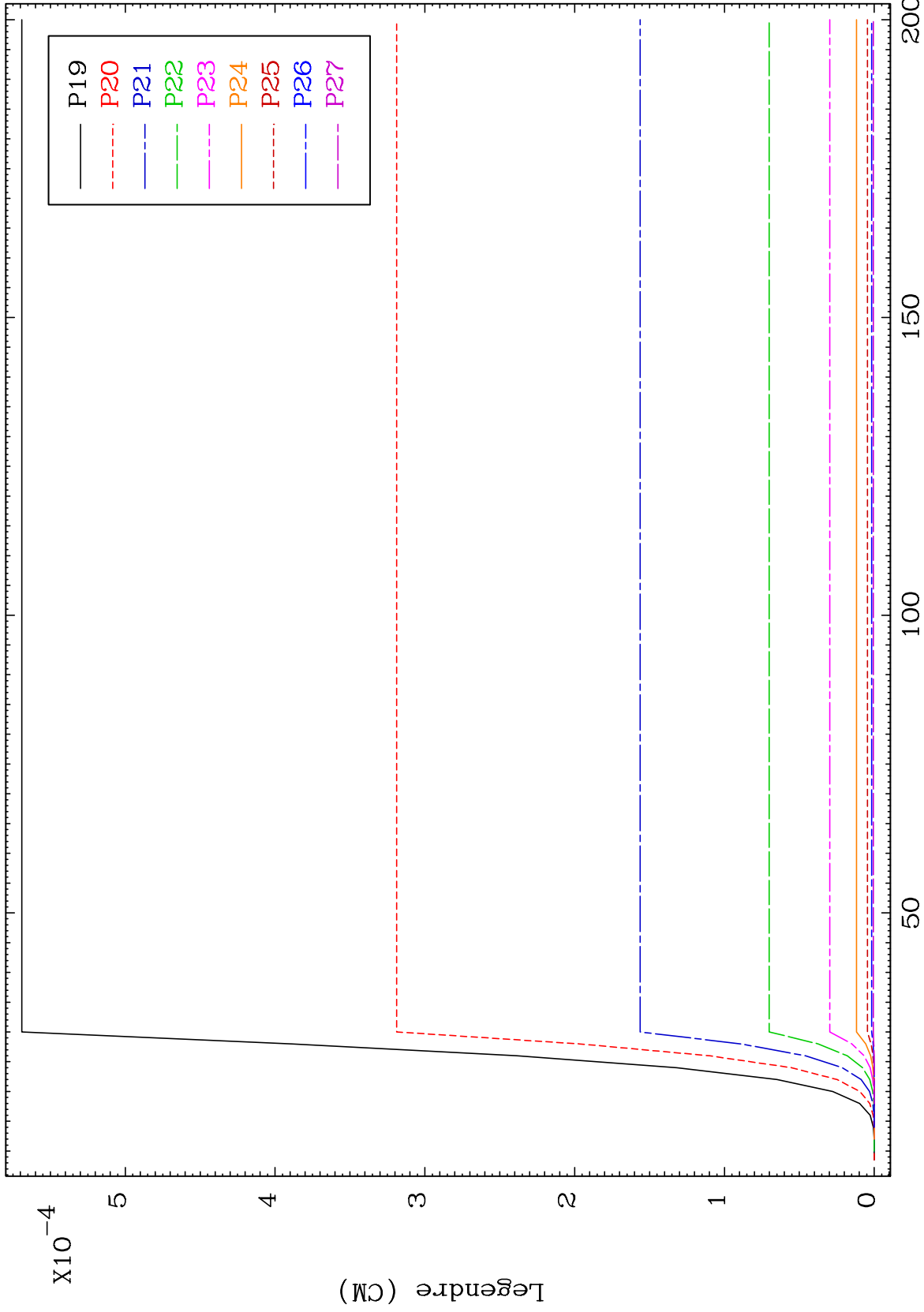
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



114

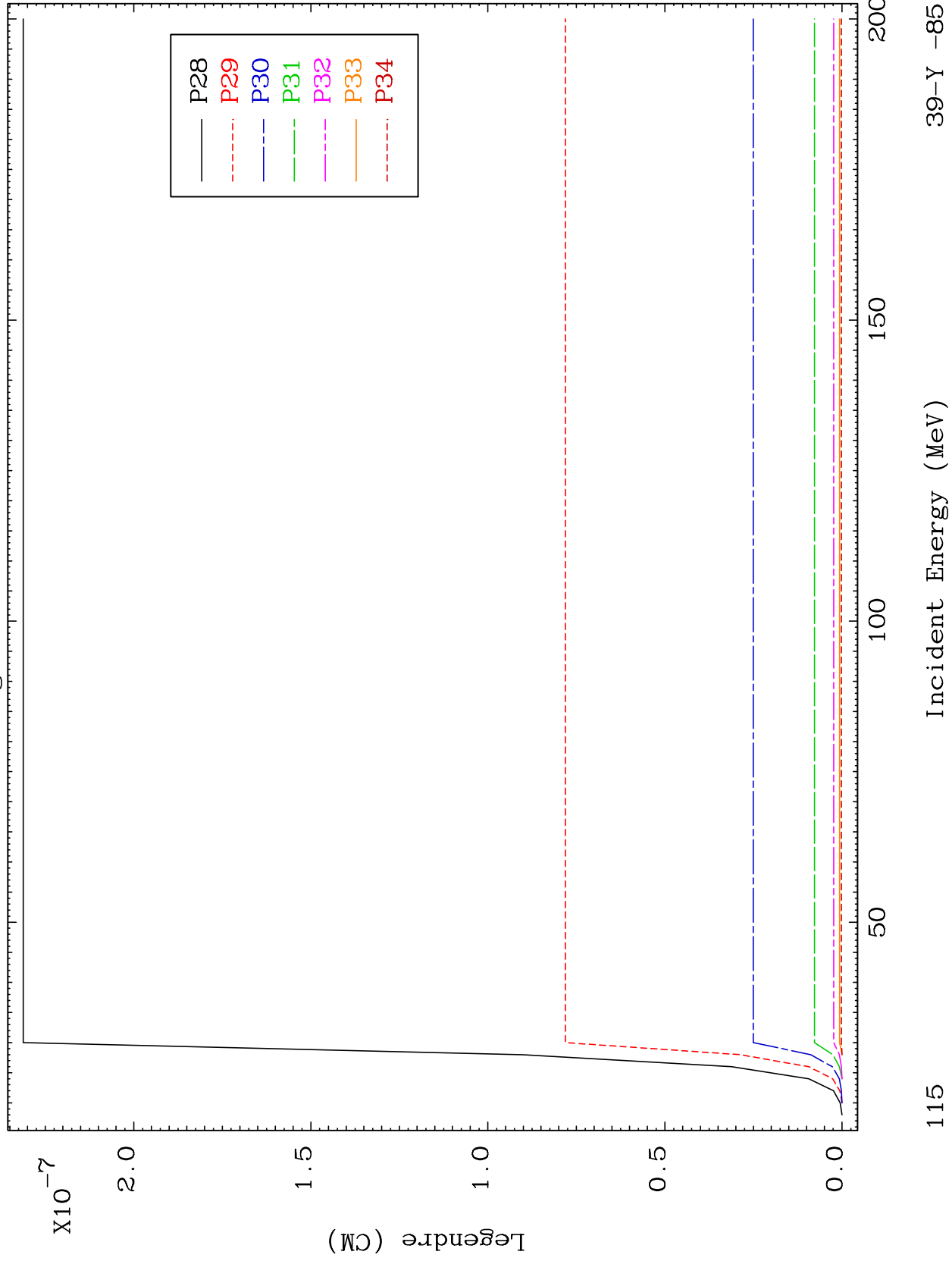
Incident Energy (MeV)

39-Y -85

MAT 3913

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

39-Y -85



115

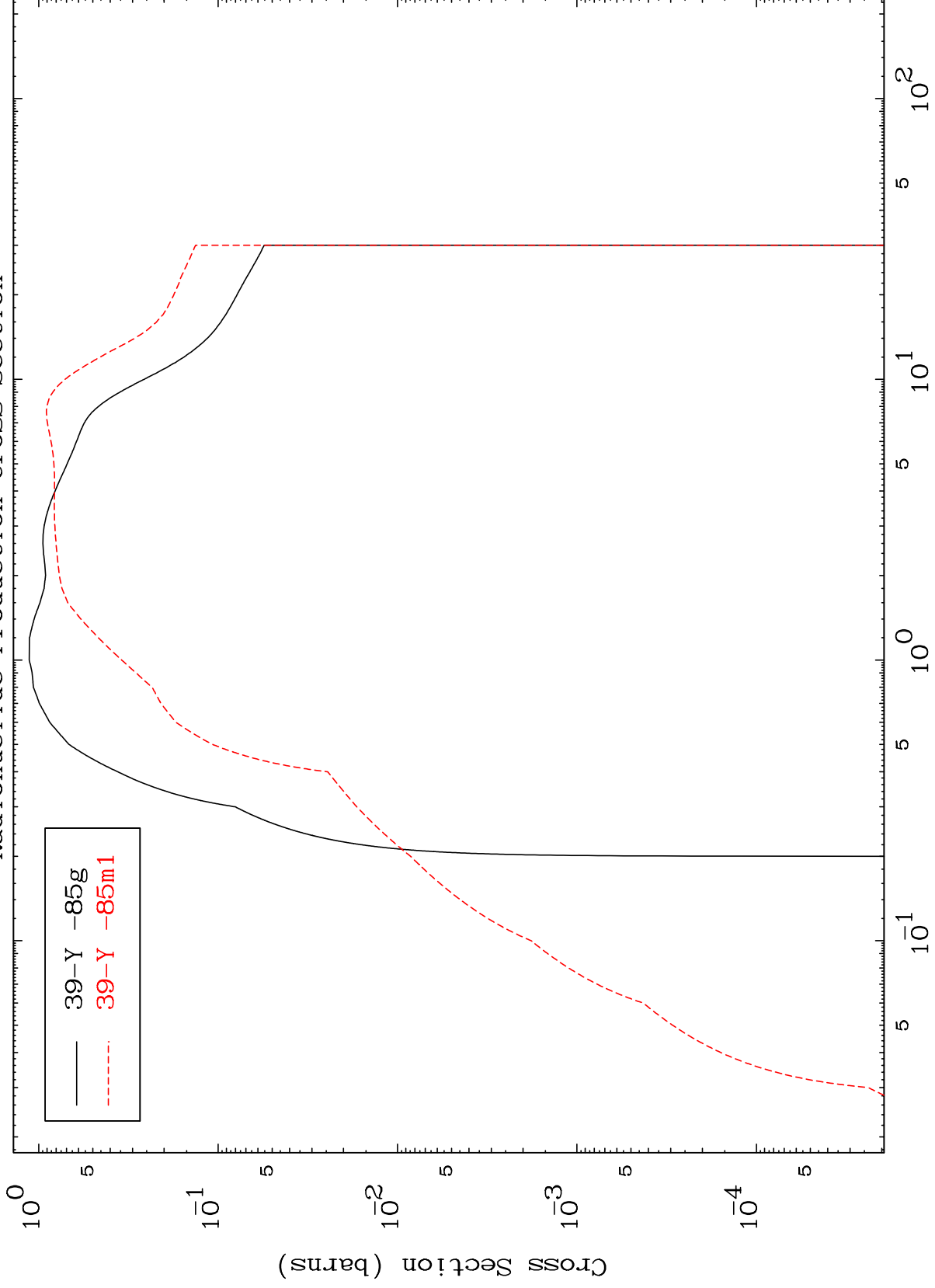
Incident Energy (MeV)

39-Y -85

MAT 3913

39-Y -85

Inelastic
Radionuclide Production Cross Section



116

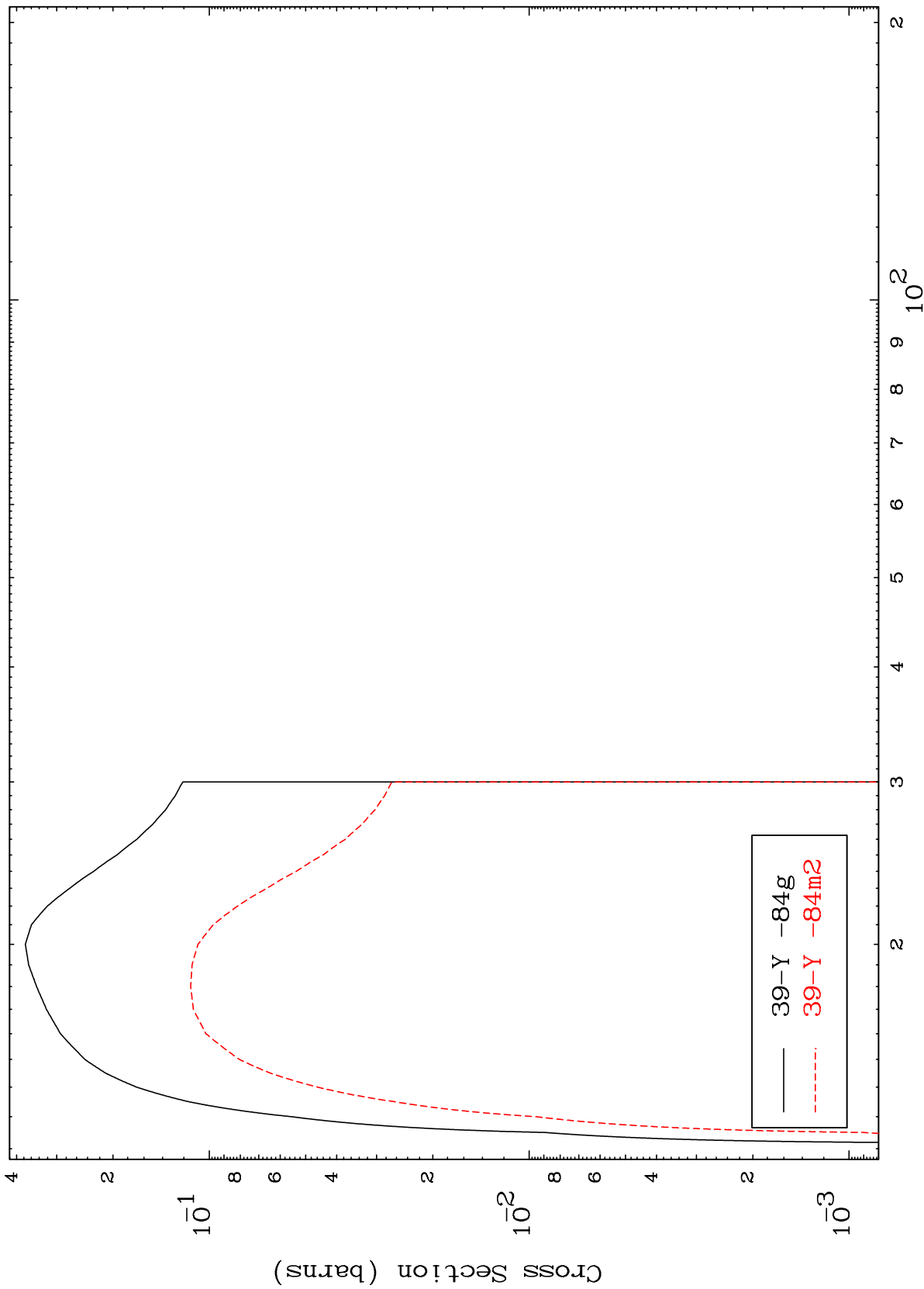
Incident Energy (MeV)

39-Y -85

MAT 3913

39-Y -85

Radionuclide Production Cross Section
(n,2n)



117

Incident Energy (MeV)

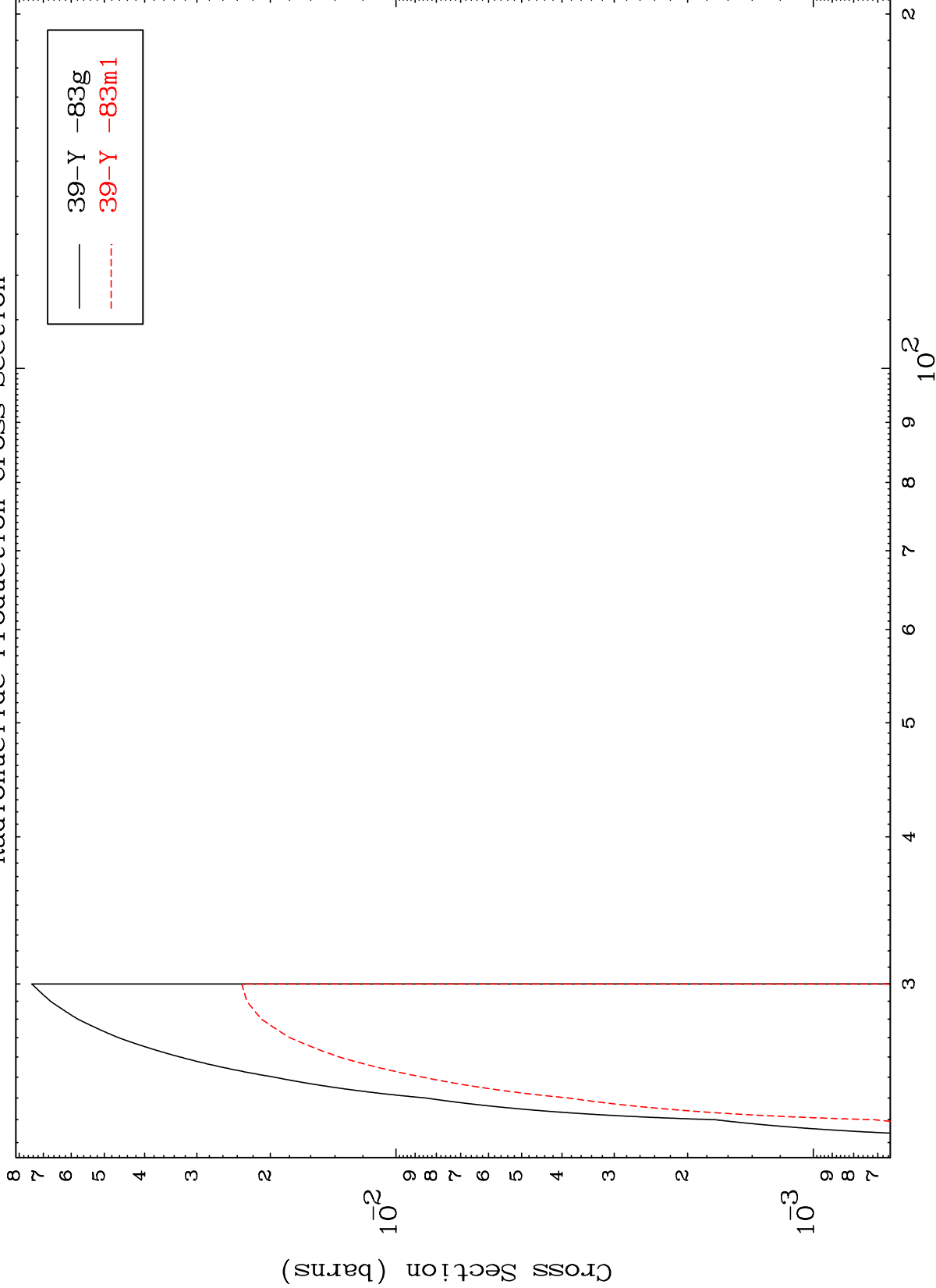
39-Y -85

MAT 3913

(n,3n)

39-Y -85

Radionuclide Production Cross Section



39-Y -83g
39-Y -83m1

118

Incident Energy (MeV)

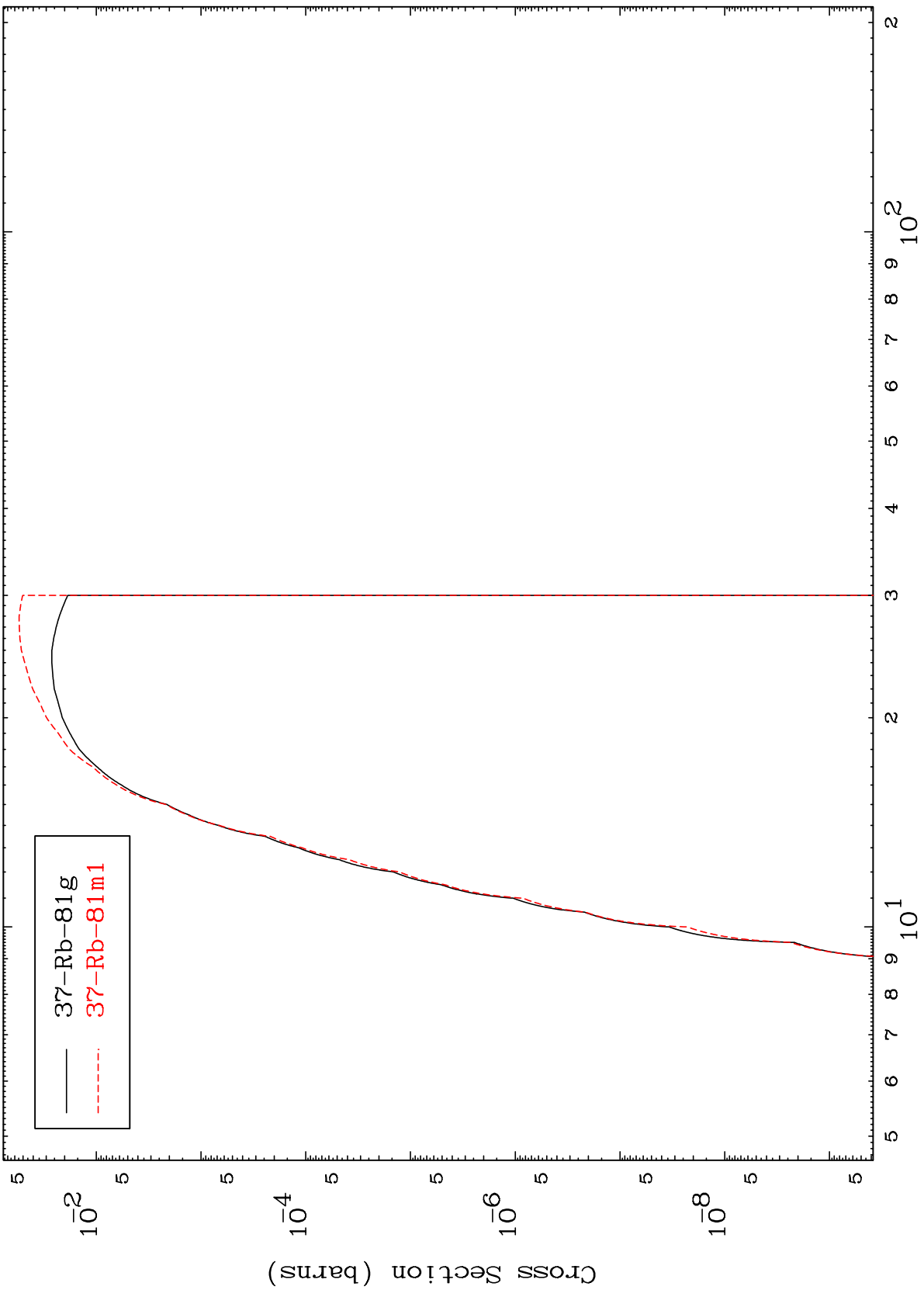
39-Y -85

MAT 3913

(n, n') α

39-Y -85

Radionuclide Production Cross Section



119

Incident Energy (MeV)

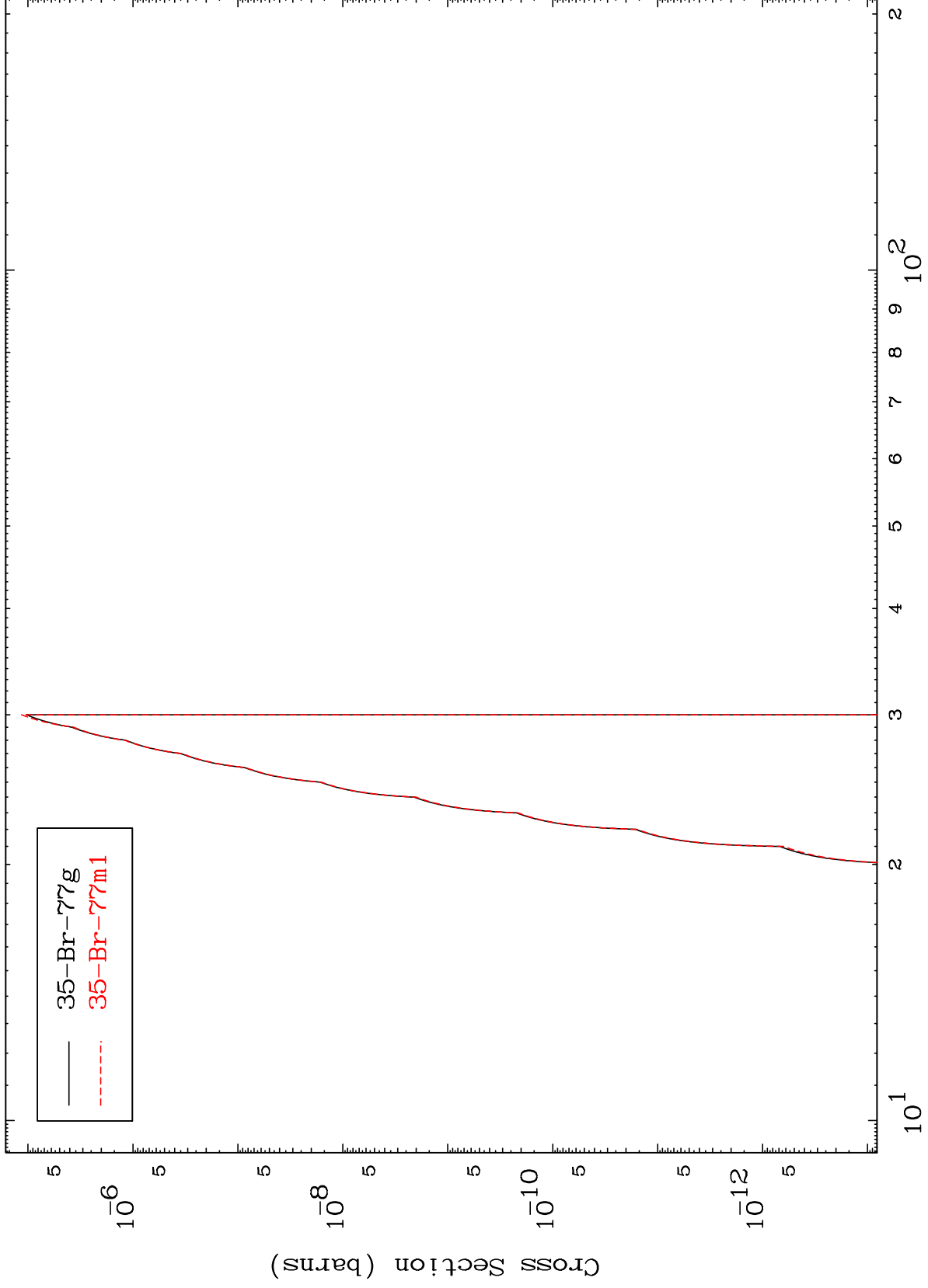
39-Y -85

MAT 3913

(n,n') 2α

39-Y -85

Radionuclide Production Cross Section



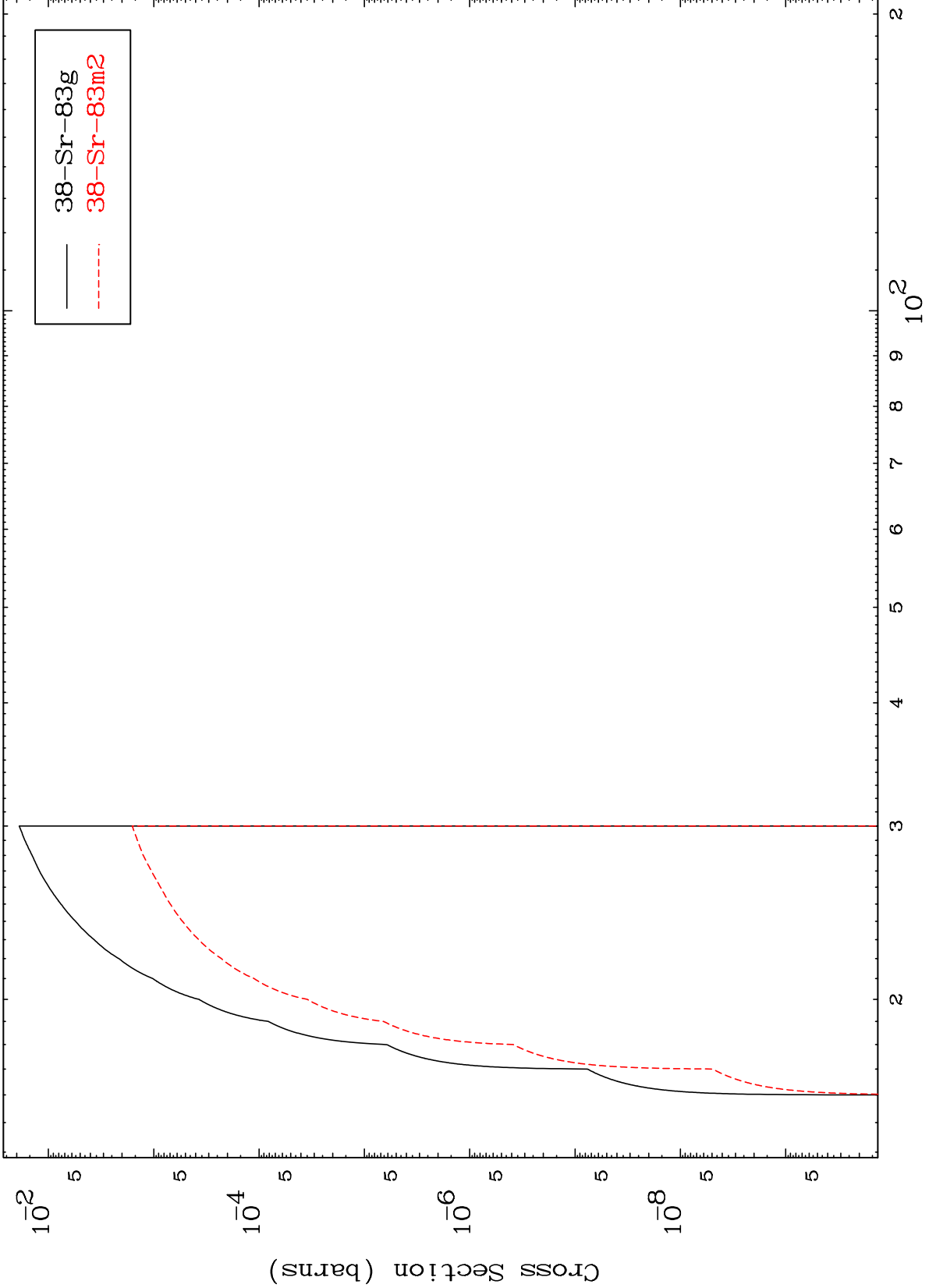
35-Br-77g
35-Br-77m1

120

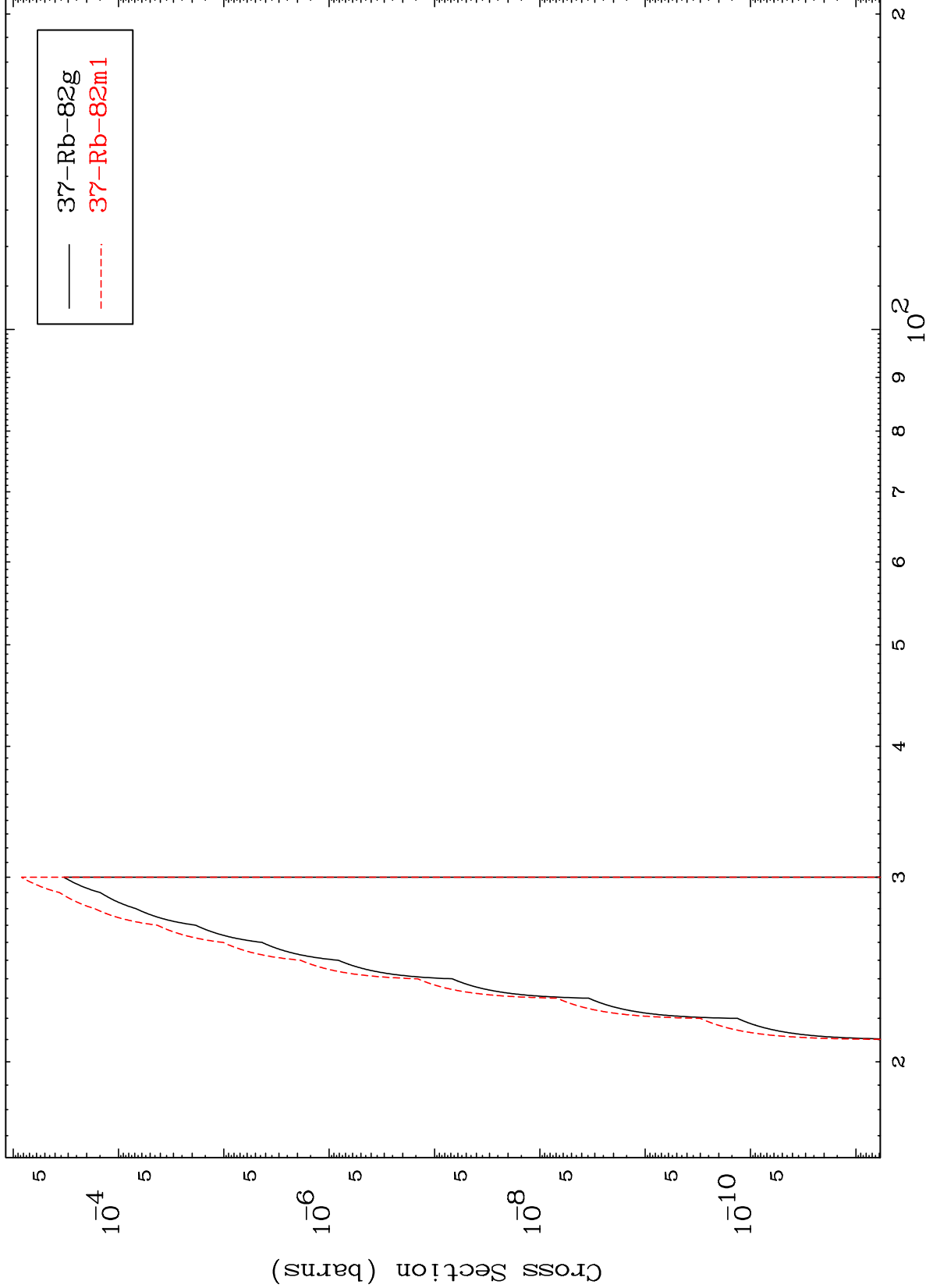
Incident Energy (MeV)

39-Y -85

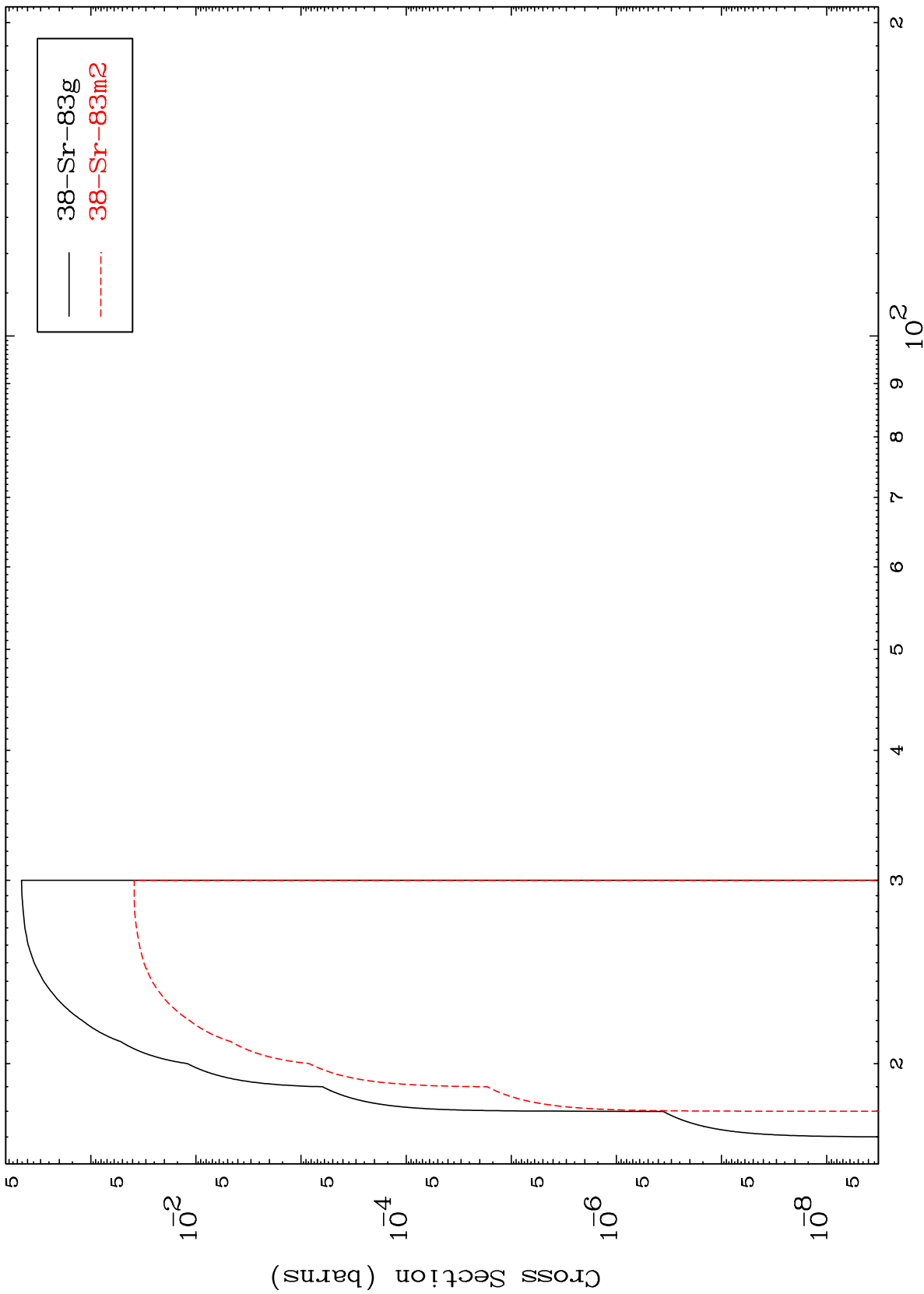
Radionuclide Production Cross Section



Radionuclide Production Cross Section



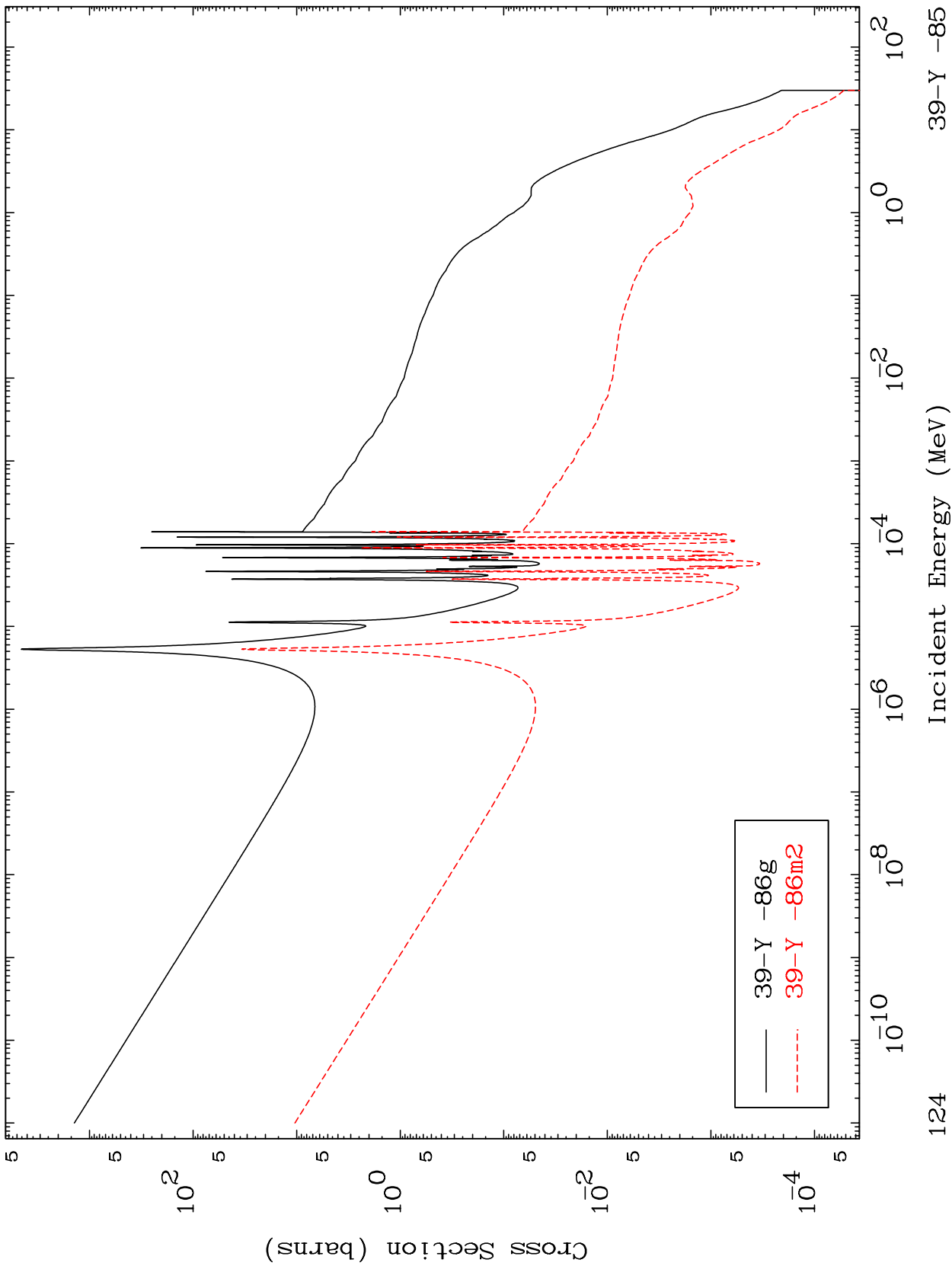
Radionuclide Production Cross Section



MAT 3913

39-Y -85

Radionuclide Production Cross Section
(n, γ)



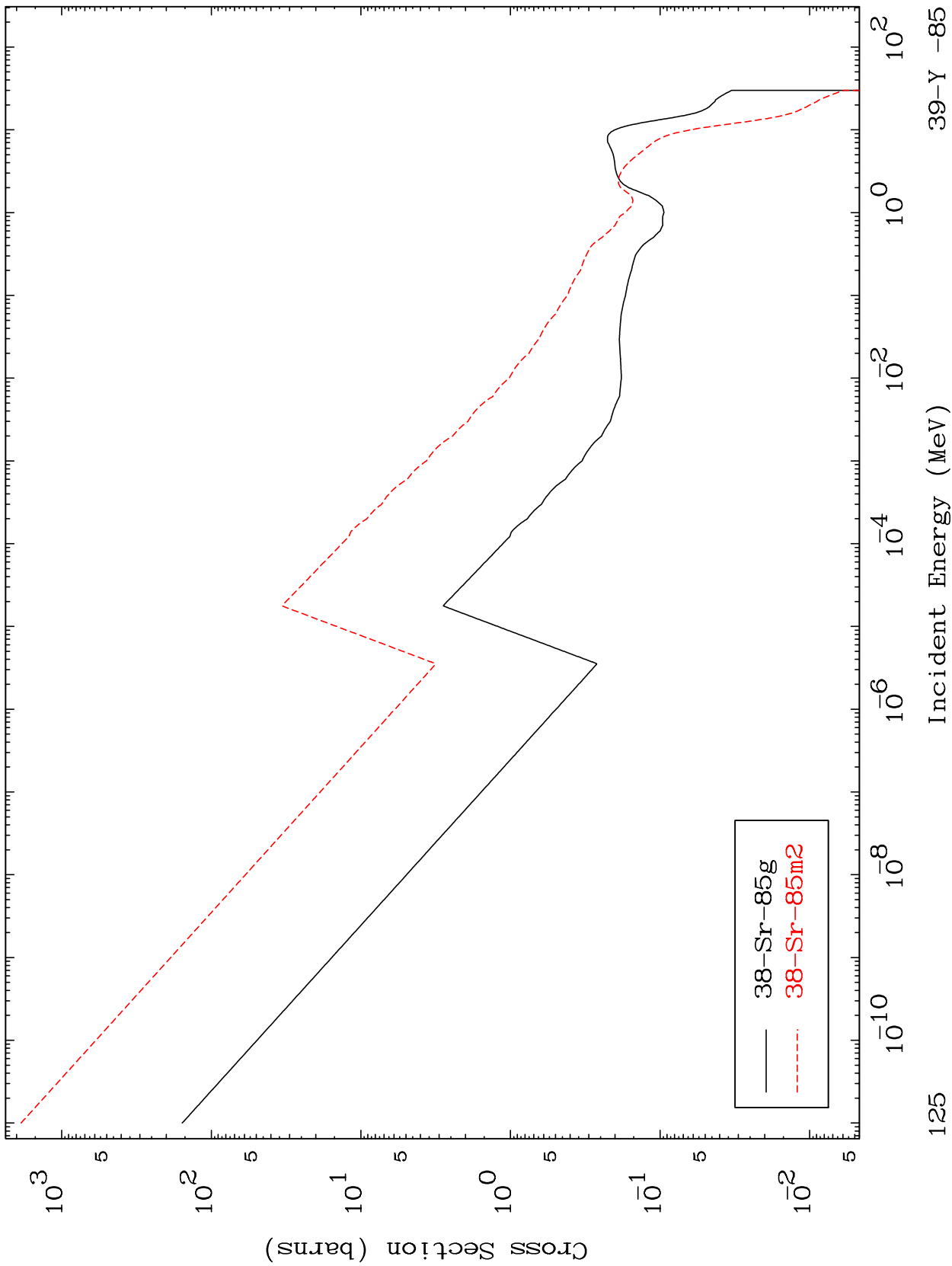
124

39-Y -85

MAT 3913

39-Y -85

Radionuclide Production Cross Section (n,p)



125

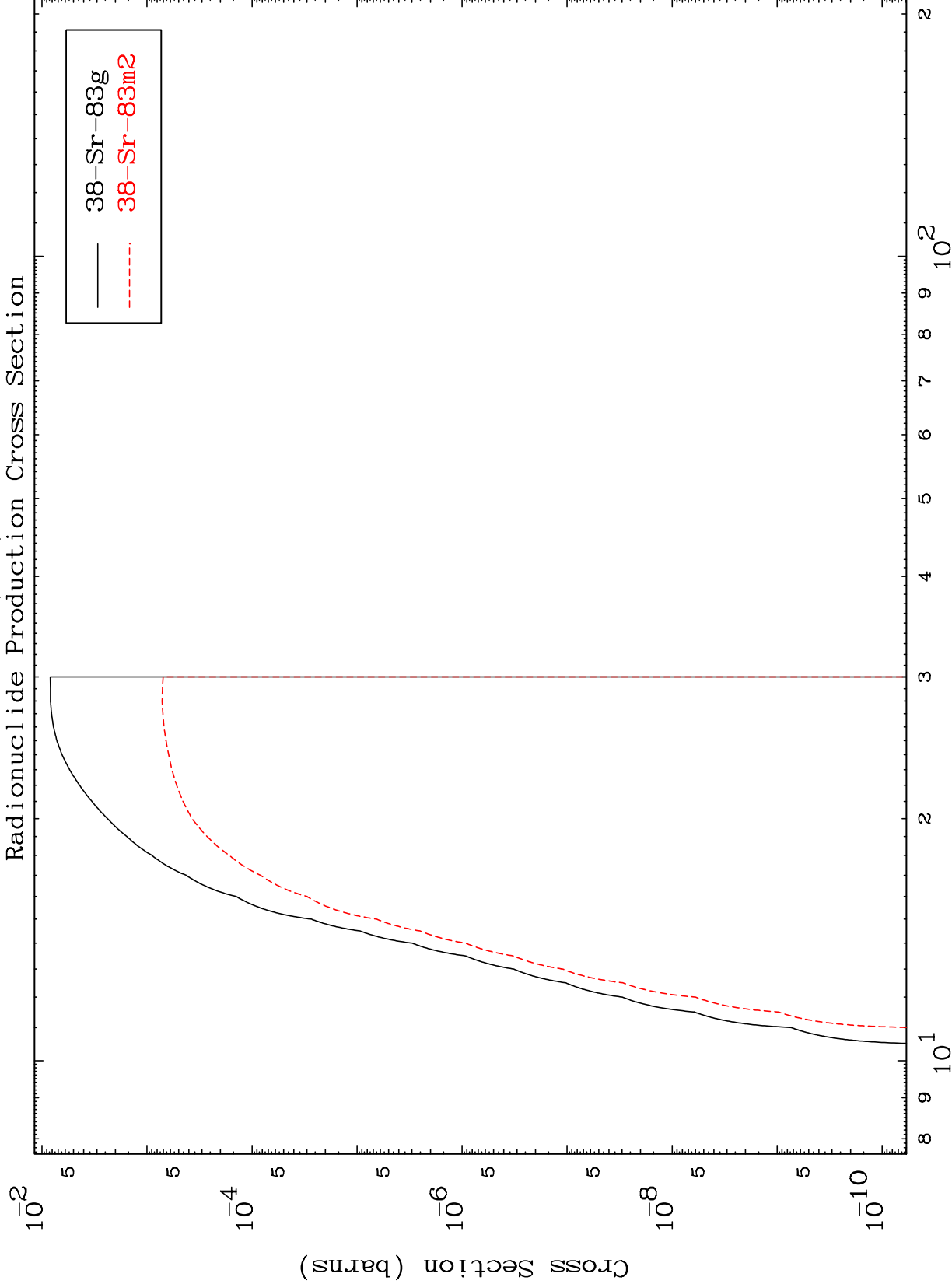
39-Y -85

MAT 3913

(n, t)

39-Y -85

Radionuclide Production Cross Section



126

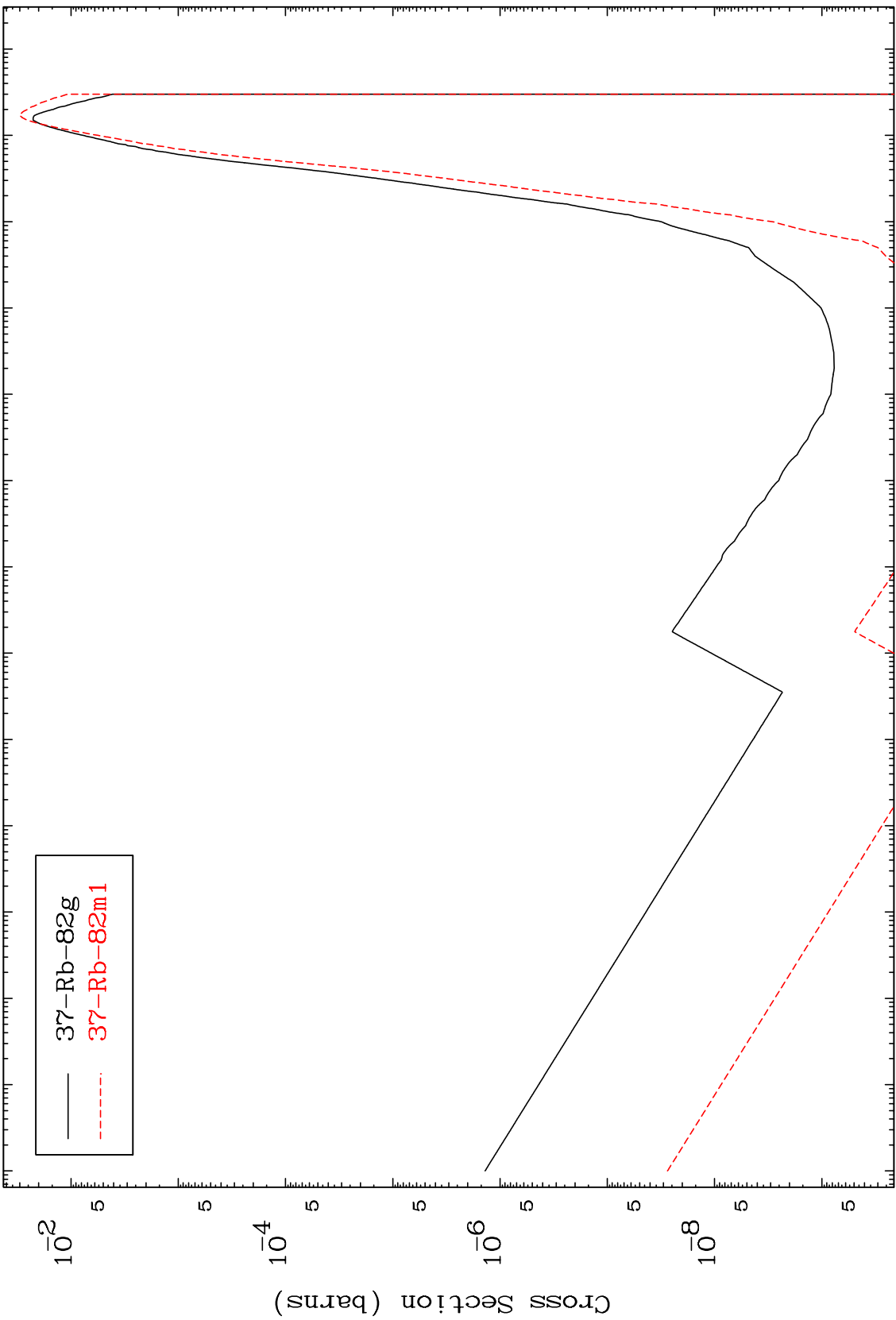
Incident Energy (MeV)

39-Y -85

MAT 3913

39-Y -85

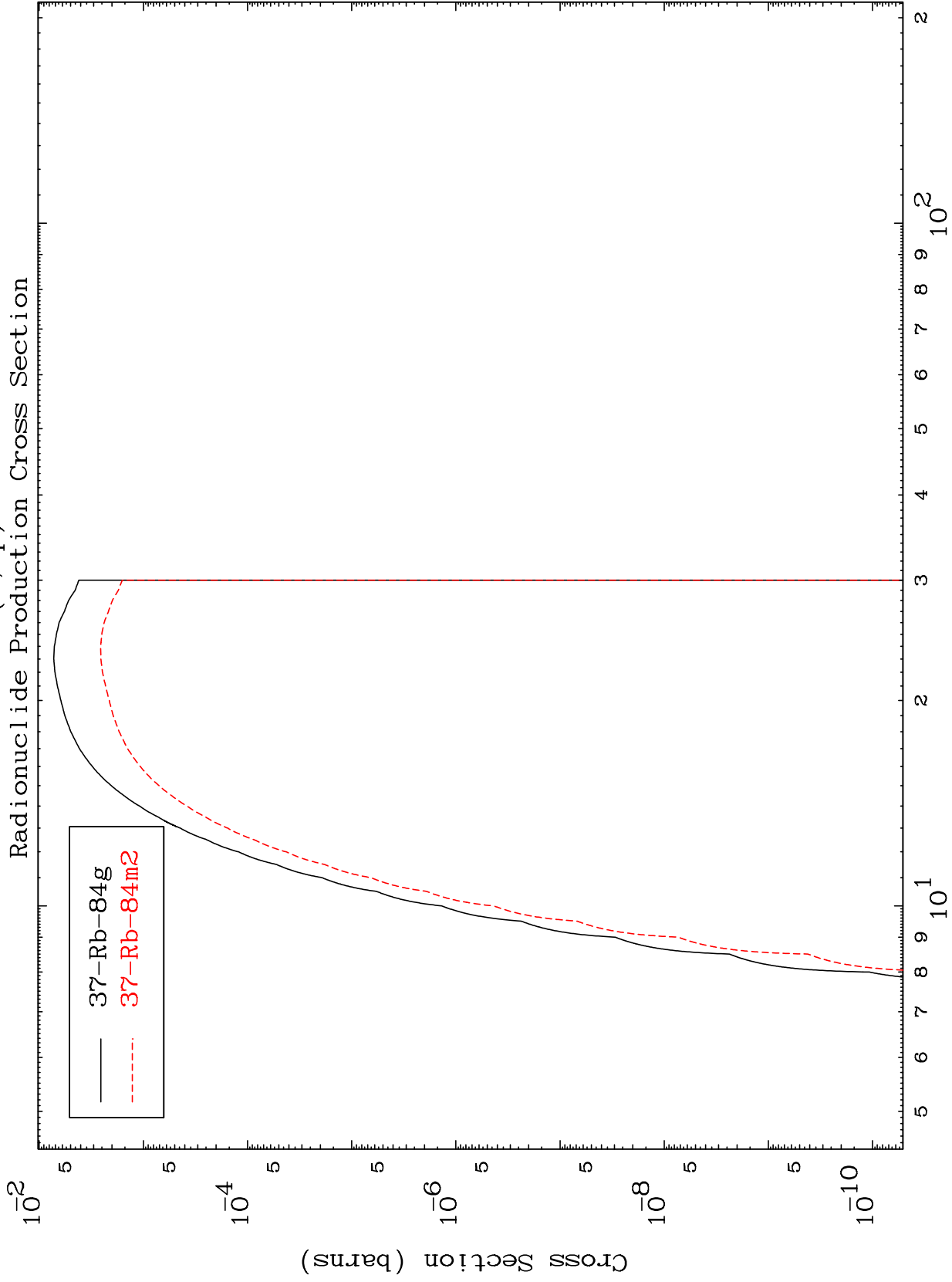
Radionuclide Production Cross Section (n,α)



MAT 3913

39-Y -85

Radionuclide Production Cross Section
(n,2p)



— 37-Rb-84g
- - - 37-Rb-84m2

39-Y -85

Incident Energy (MeV)

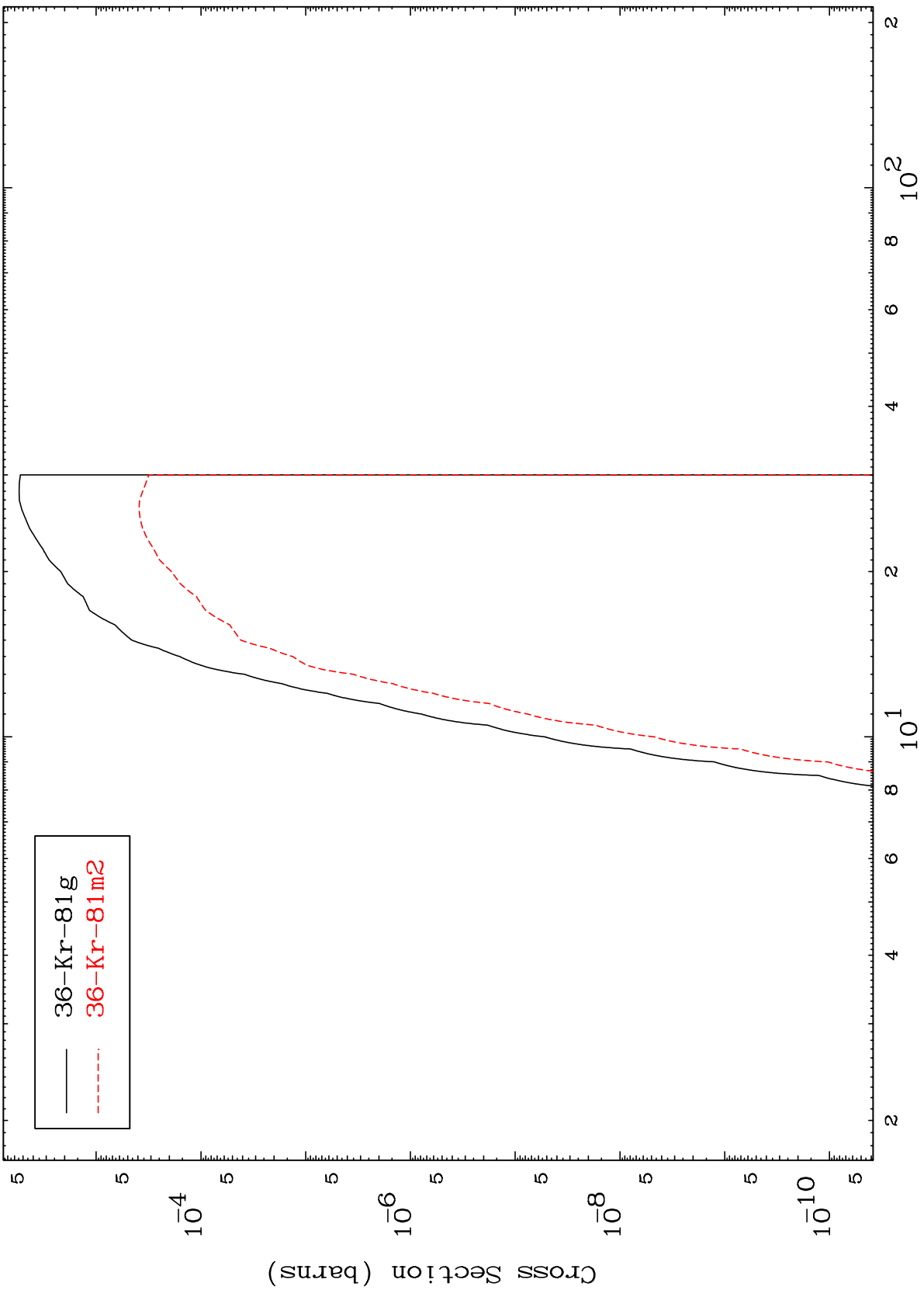
128

MAT 3913

(n,p) α

39-Y -85

Radionuclide Production Cross Section



129

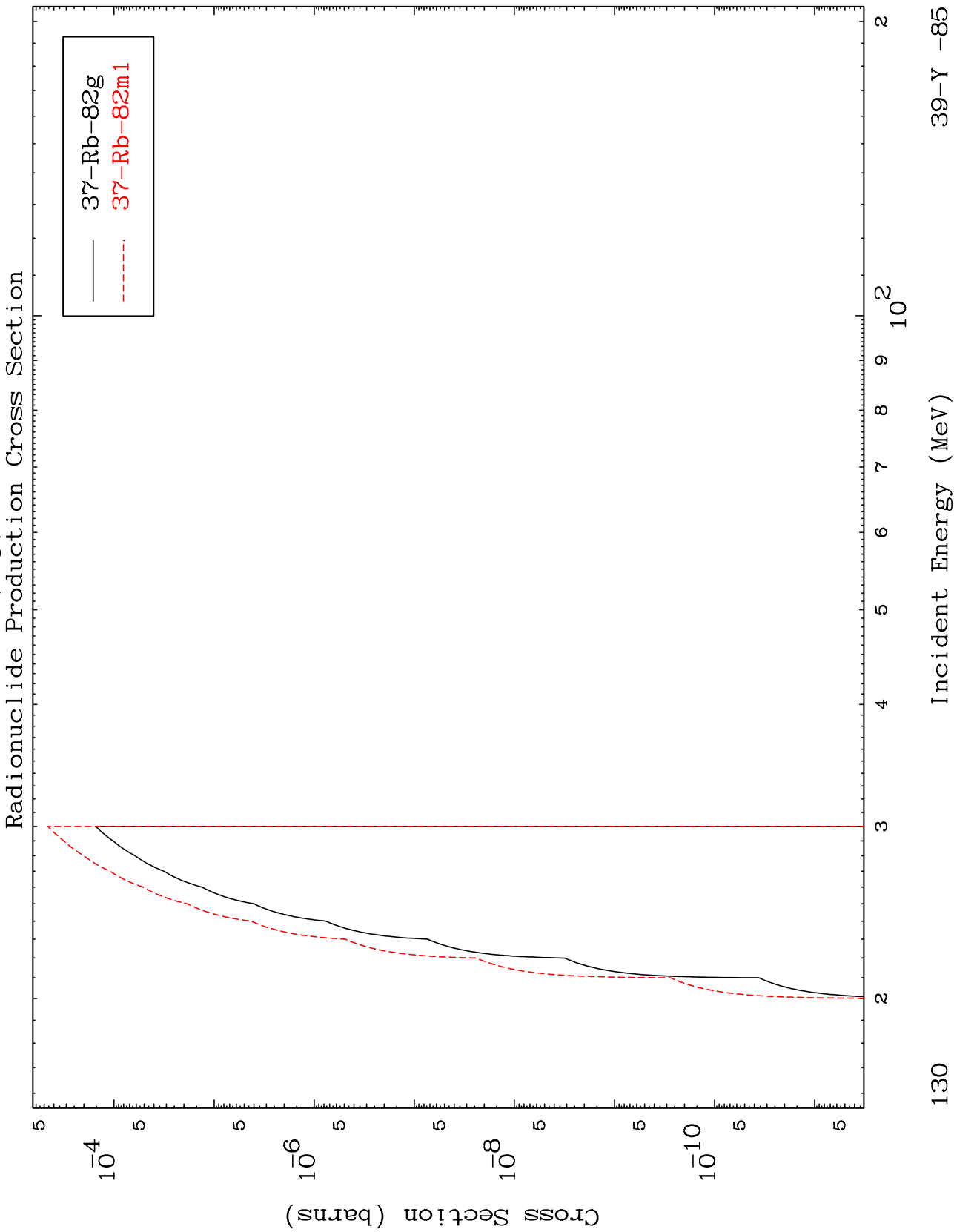
Incident Energy (MeV)

39-Y -85

MAT 3913

(n,p) t

39-Y -85



130

Incident Energy (MeV)

39-Y -85