

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

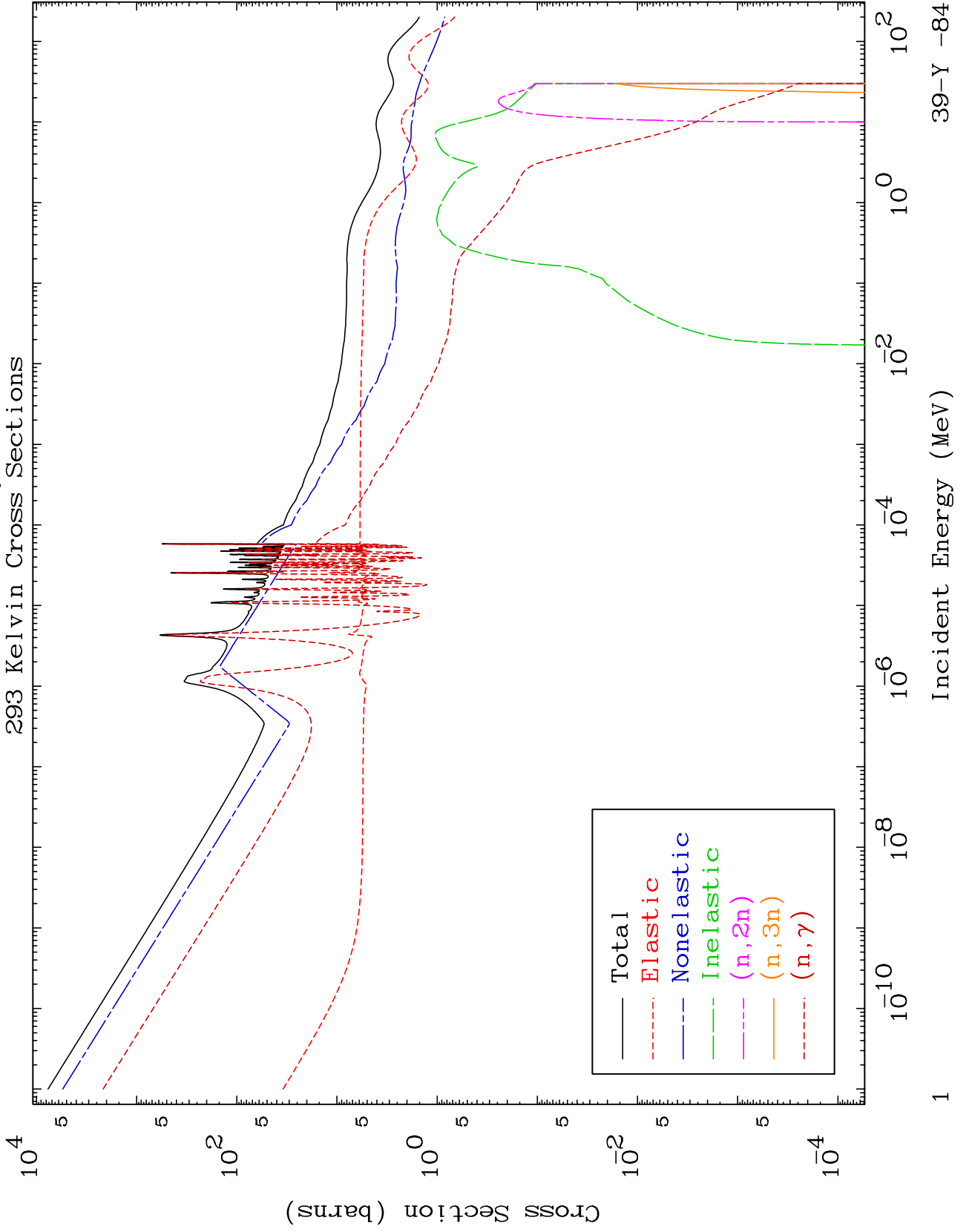
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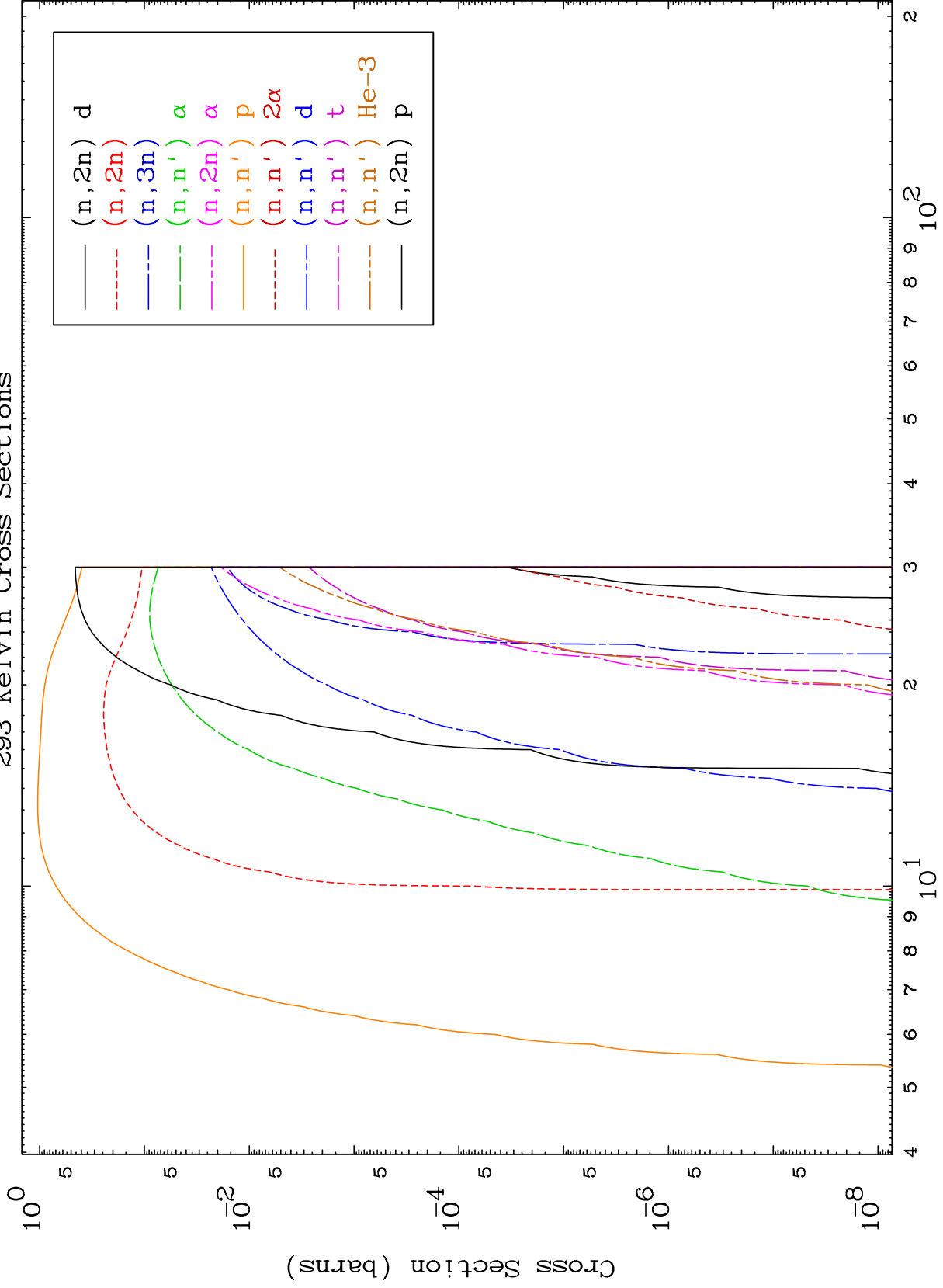
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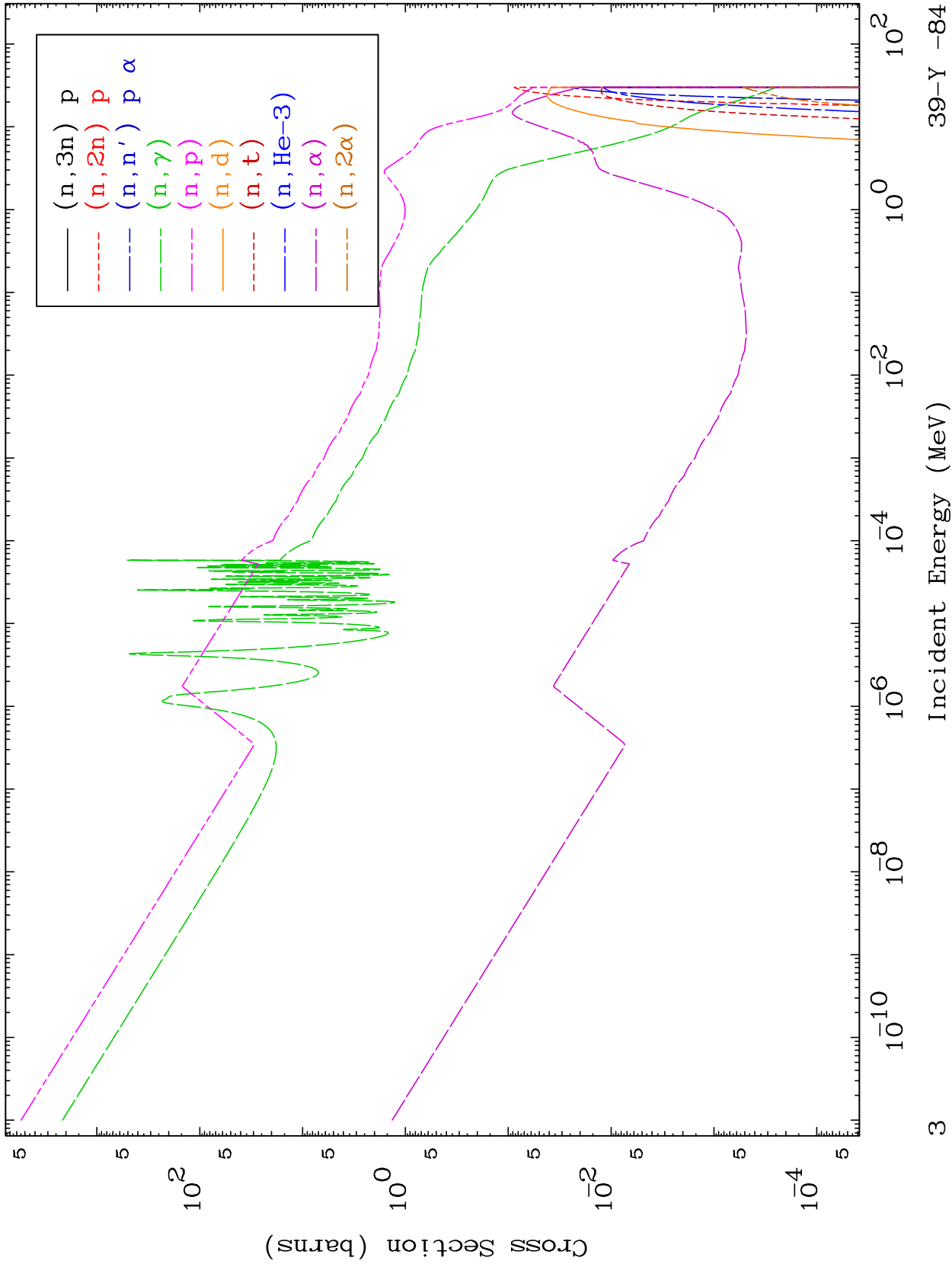
MAT 3910

Neutron Major
293 Kelvin Cross Sections

39-Y -84



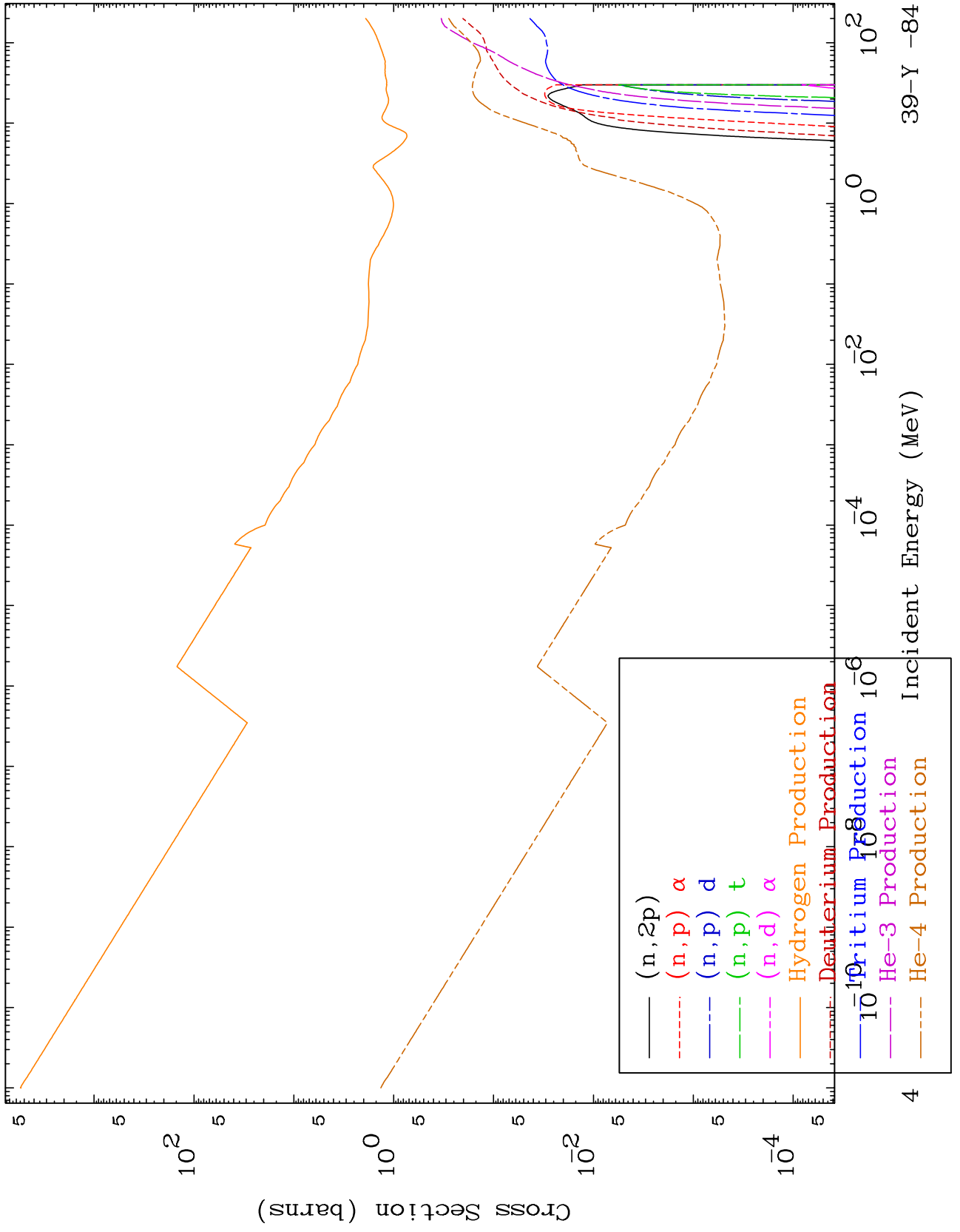




MAT 3910

Neutron Absorption 293 Kelvin Cross Sections

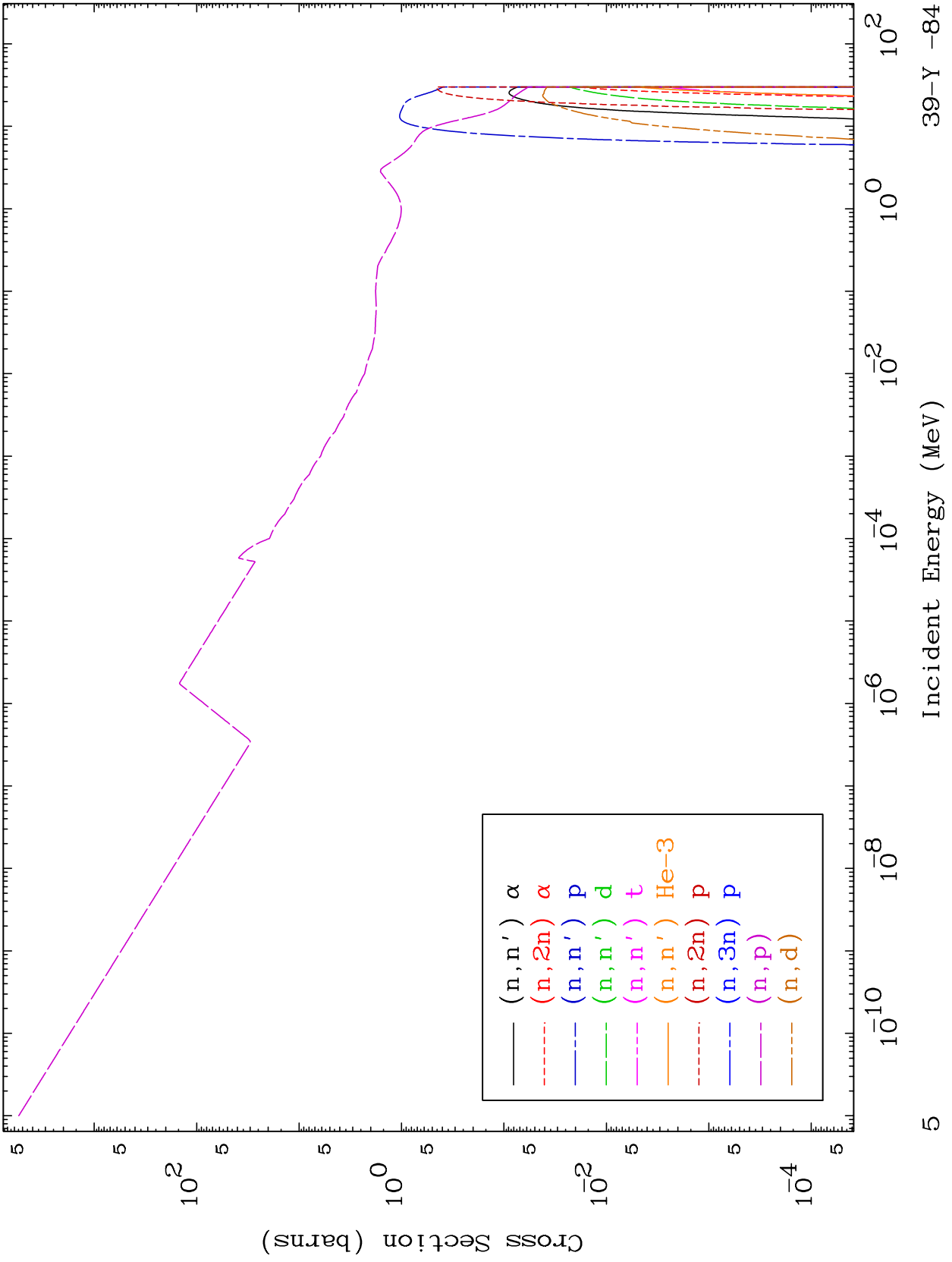
39-Y -84



MAT 3910

Charged Particle
293 Kelvin Cross Sections

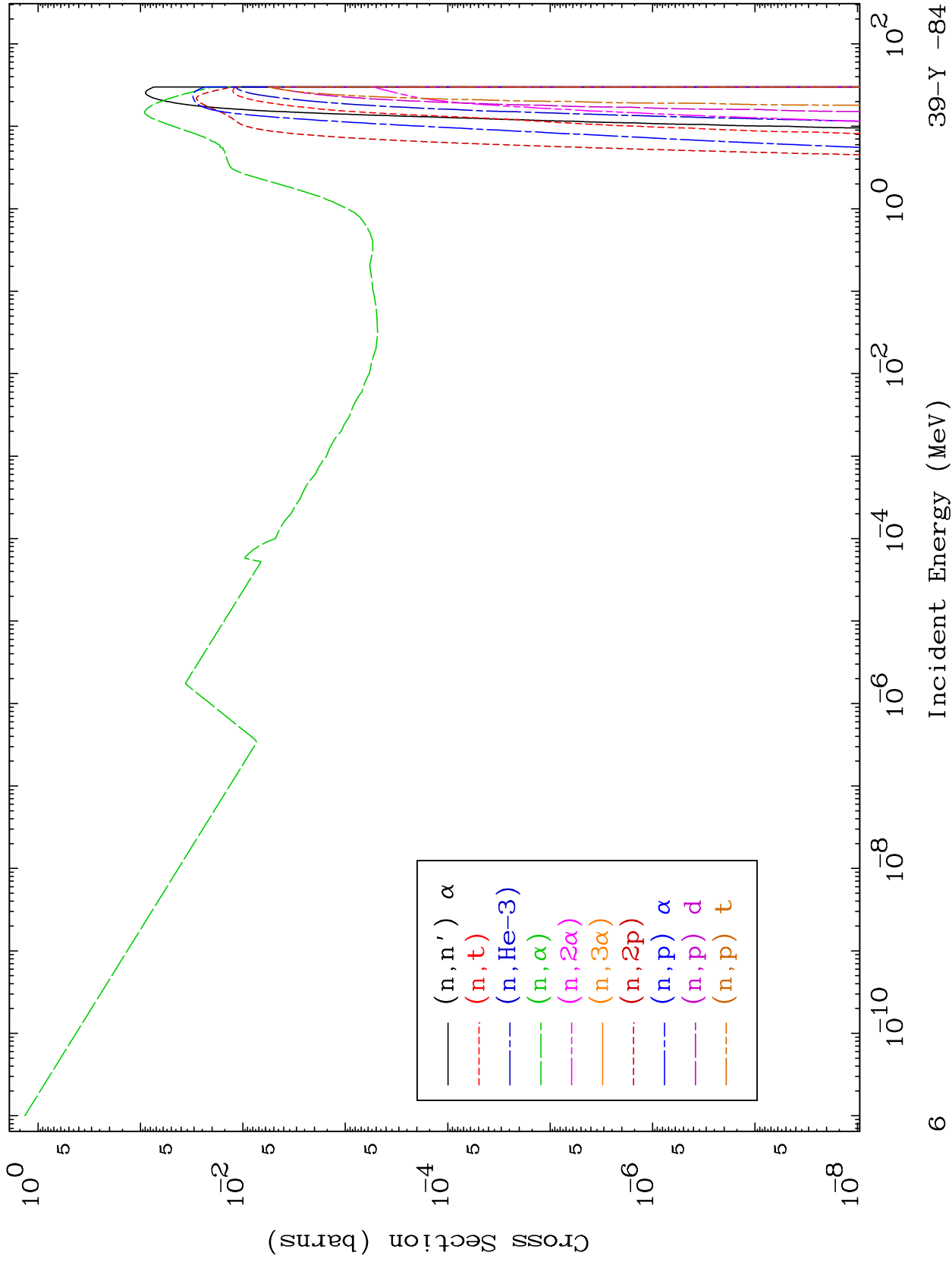
39-Y -84



MAT 3910

Charged Particle
293 Kelvin Cross Sections

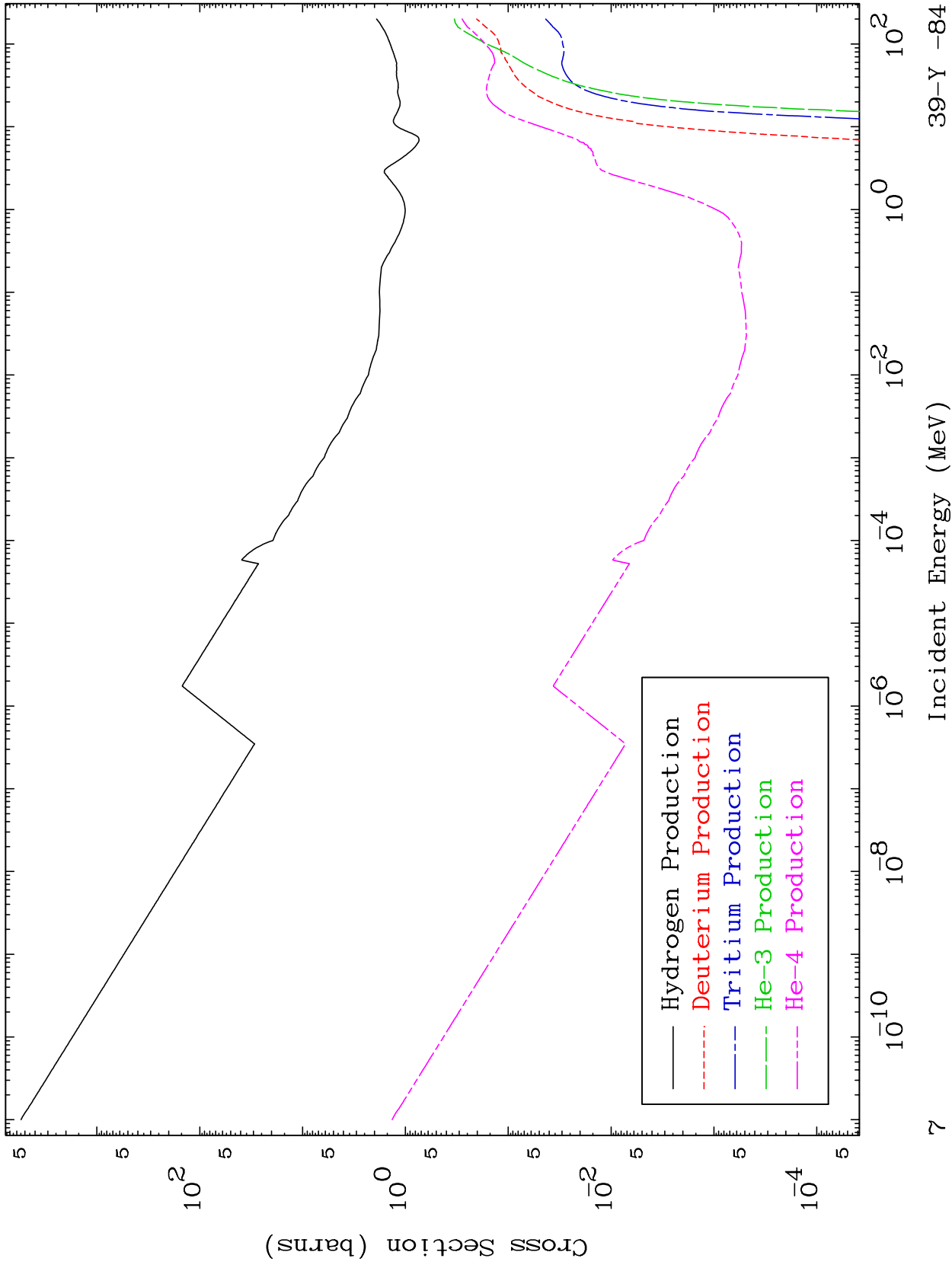
39-Y -84

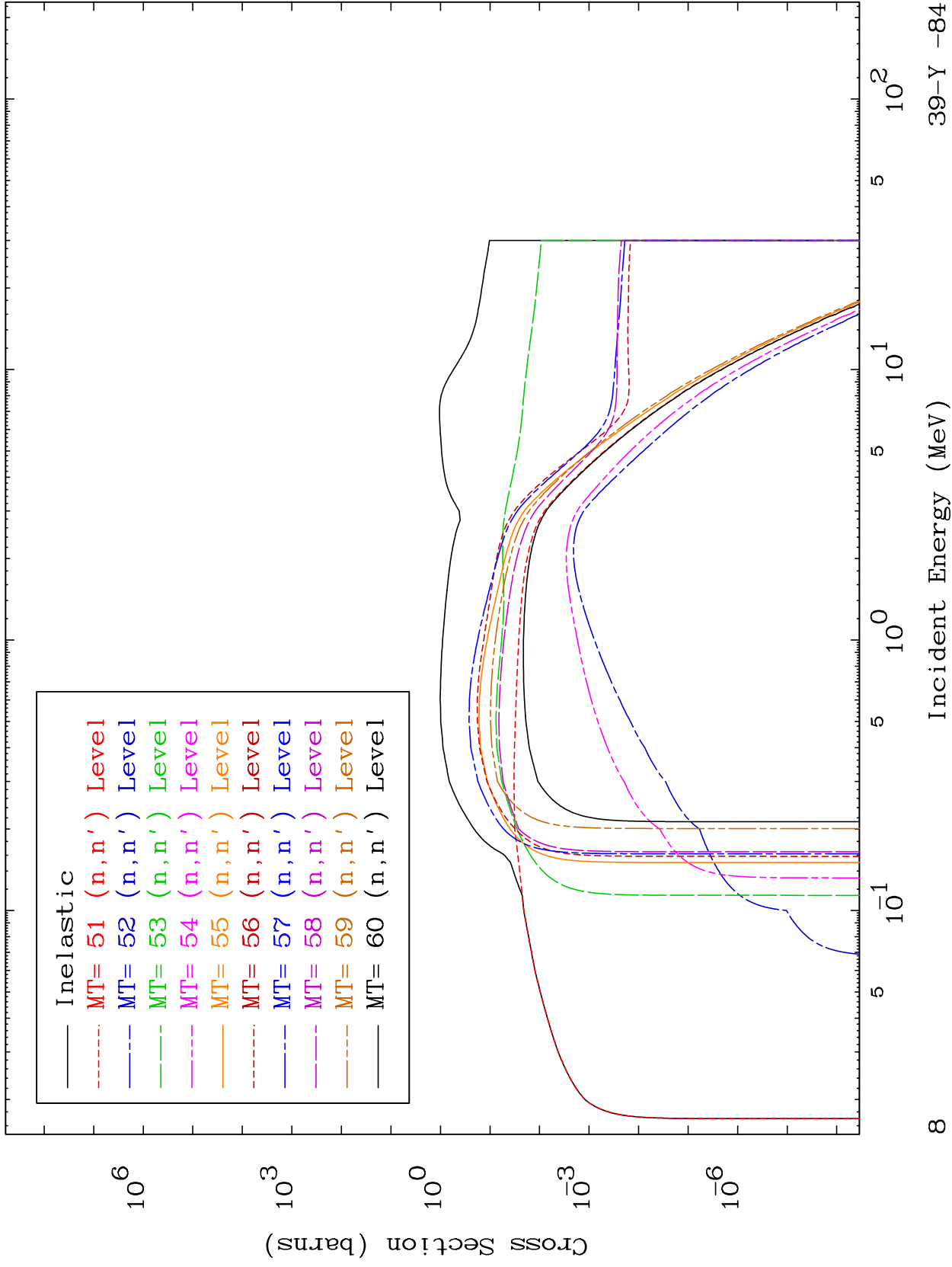


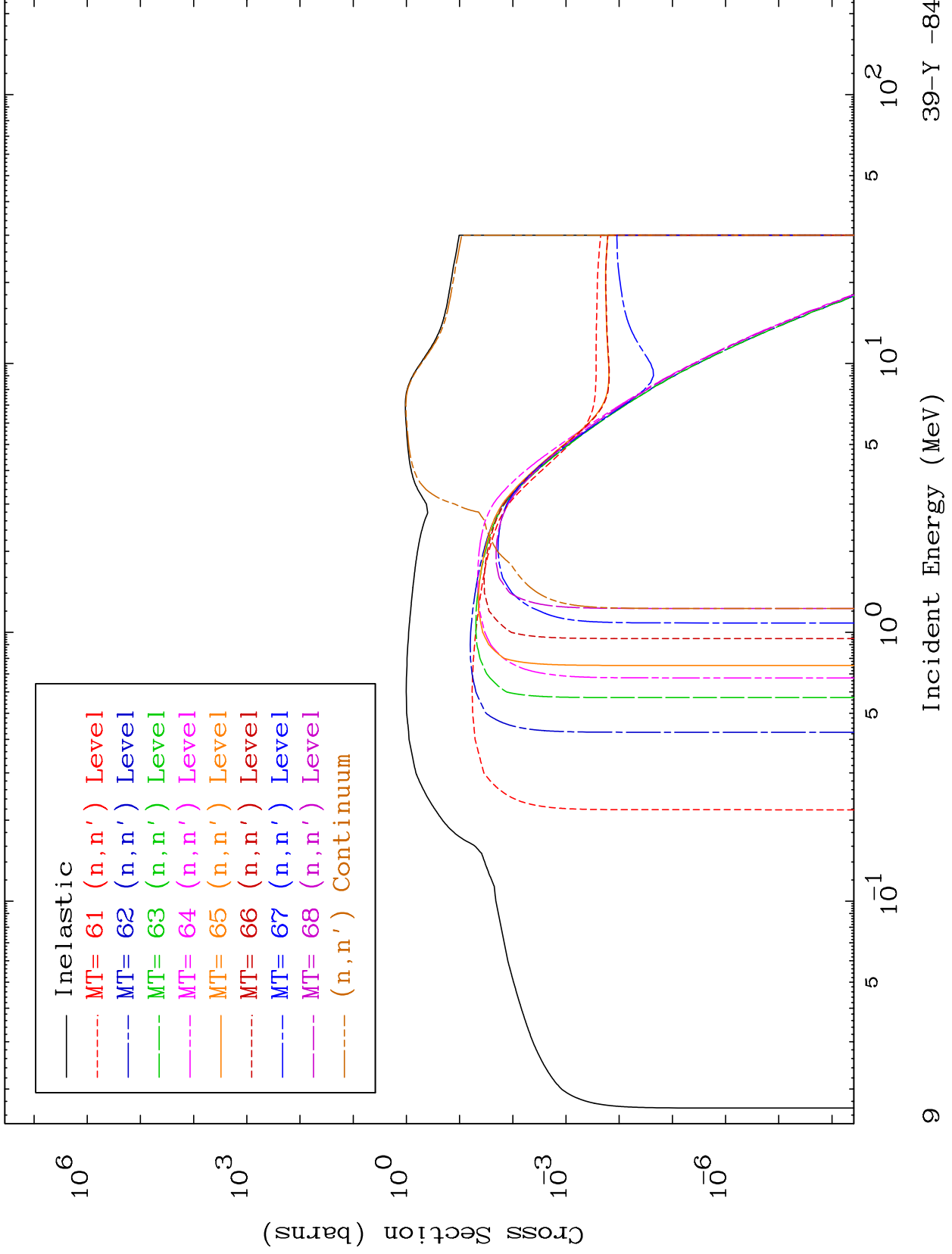
MAT 3910

Particle Production
293 Kelvin Cross Sections

39-Y -84



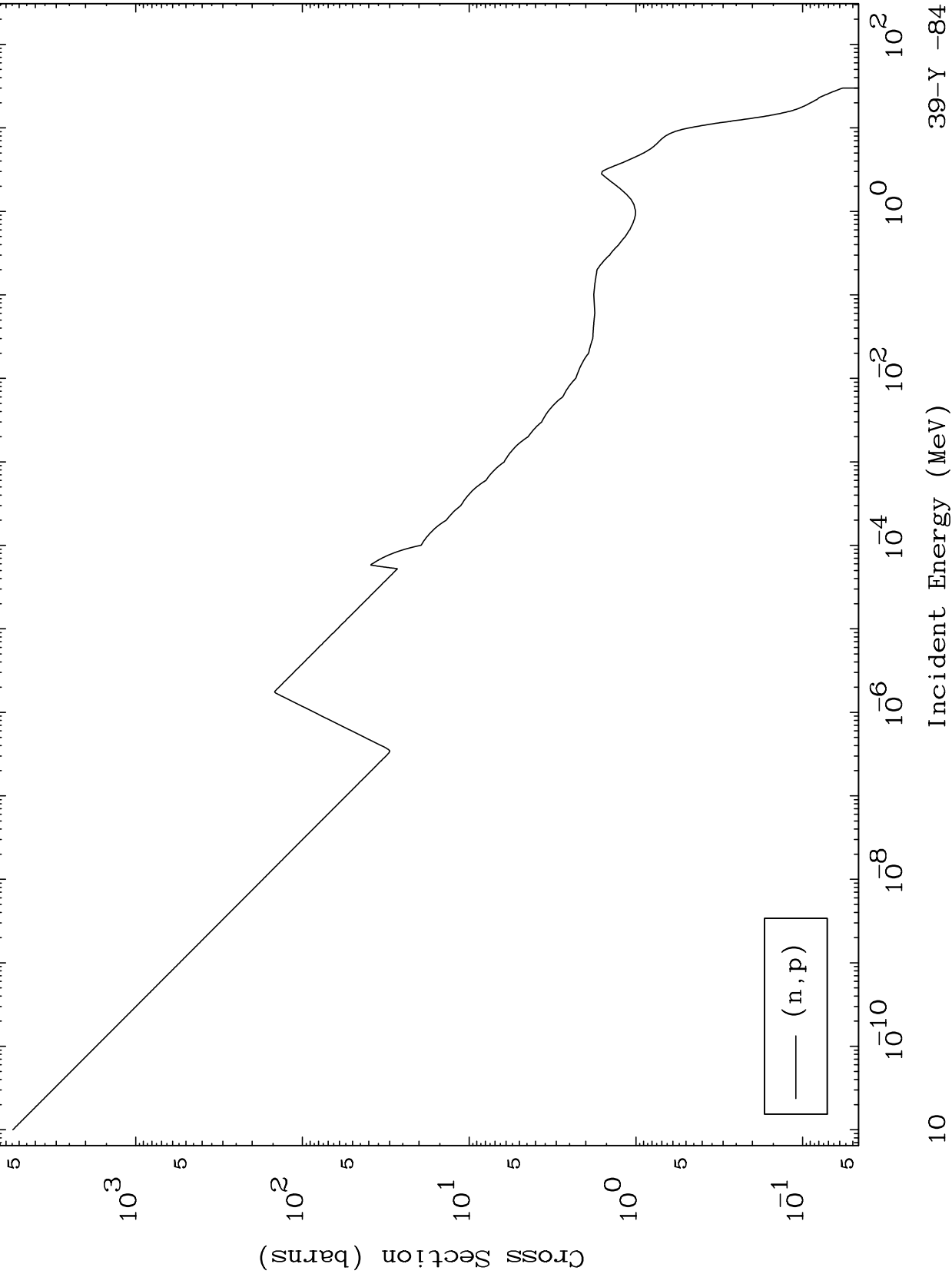




MAT 3910

(n,p) Levels
293 Kelvin Cross Sections

39-Y -84



10

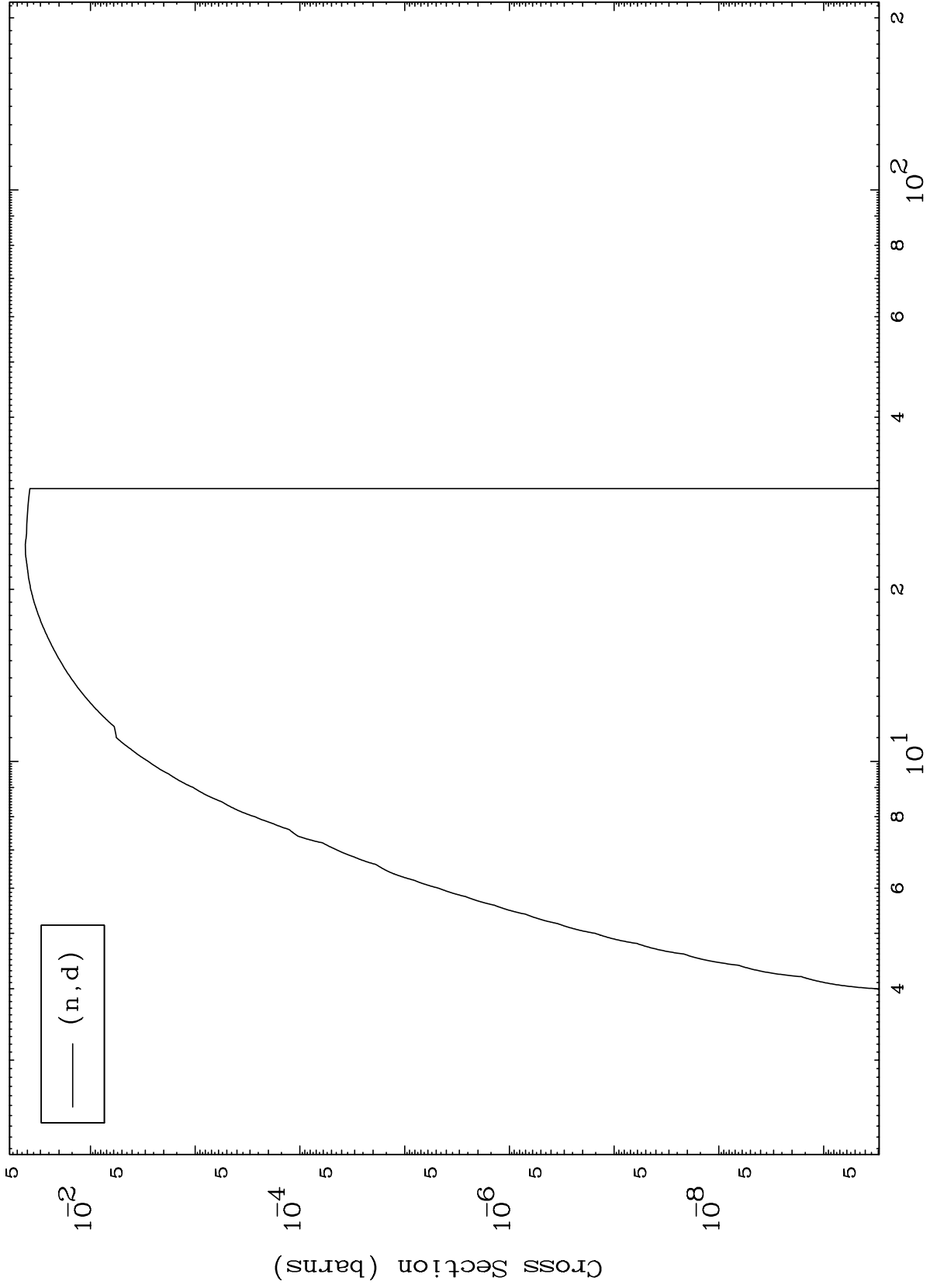
Incident Energy (MeV)

39-Y -84

MAT 3910

(n,d) Levels
293 Kelvin Cross Sections

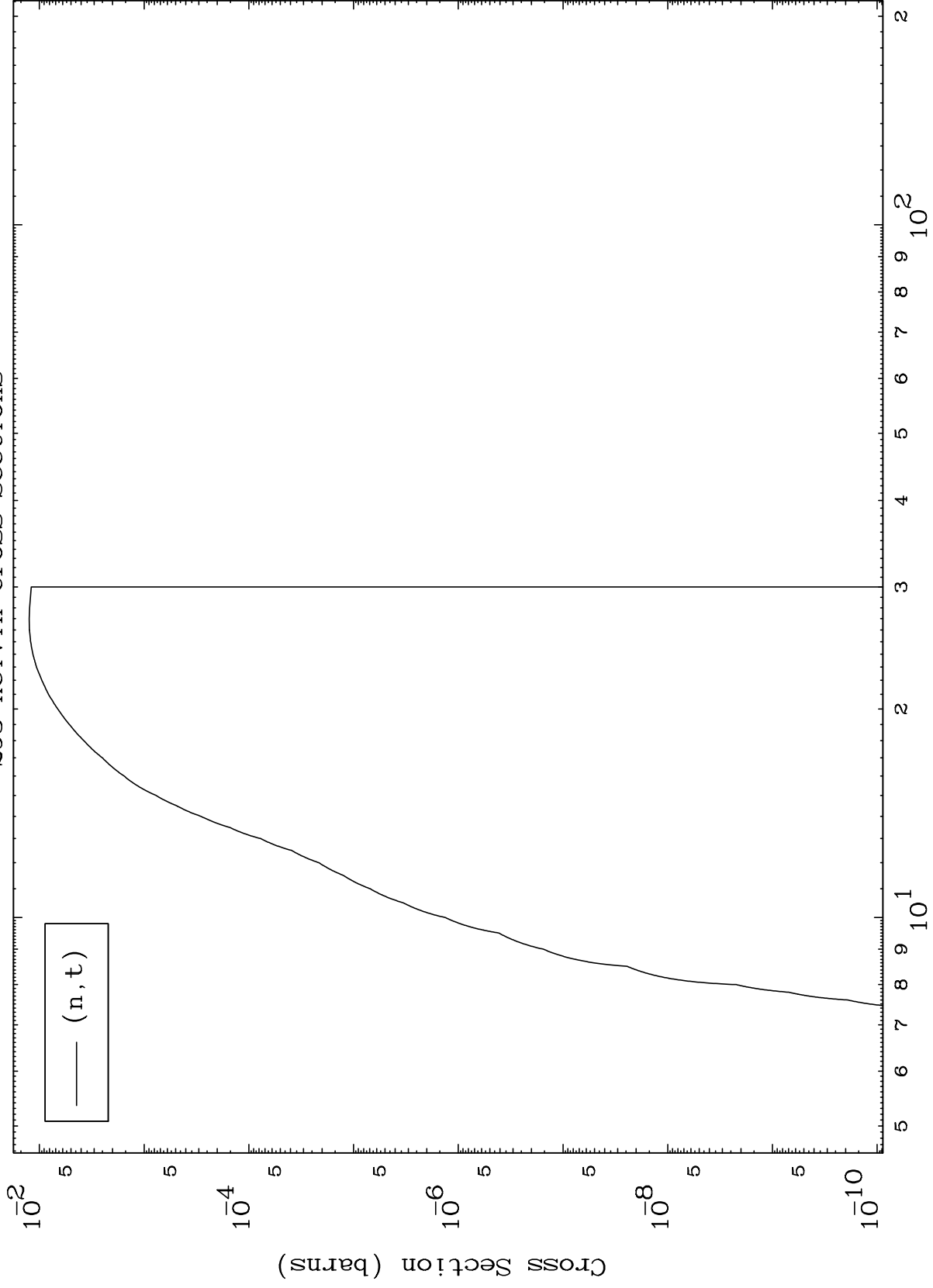
39-Y -84



MAT 3910

(n,t) Levels
293 Kelvin Cross Sections

39-Y -84



12

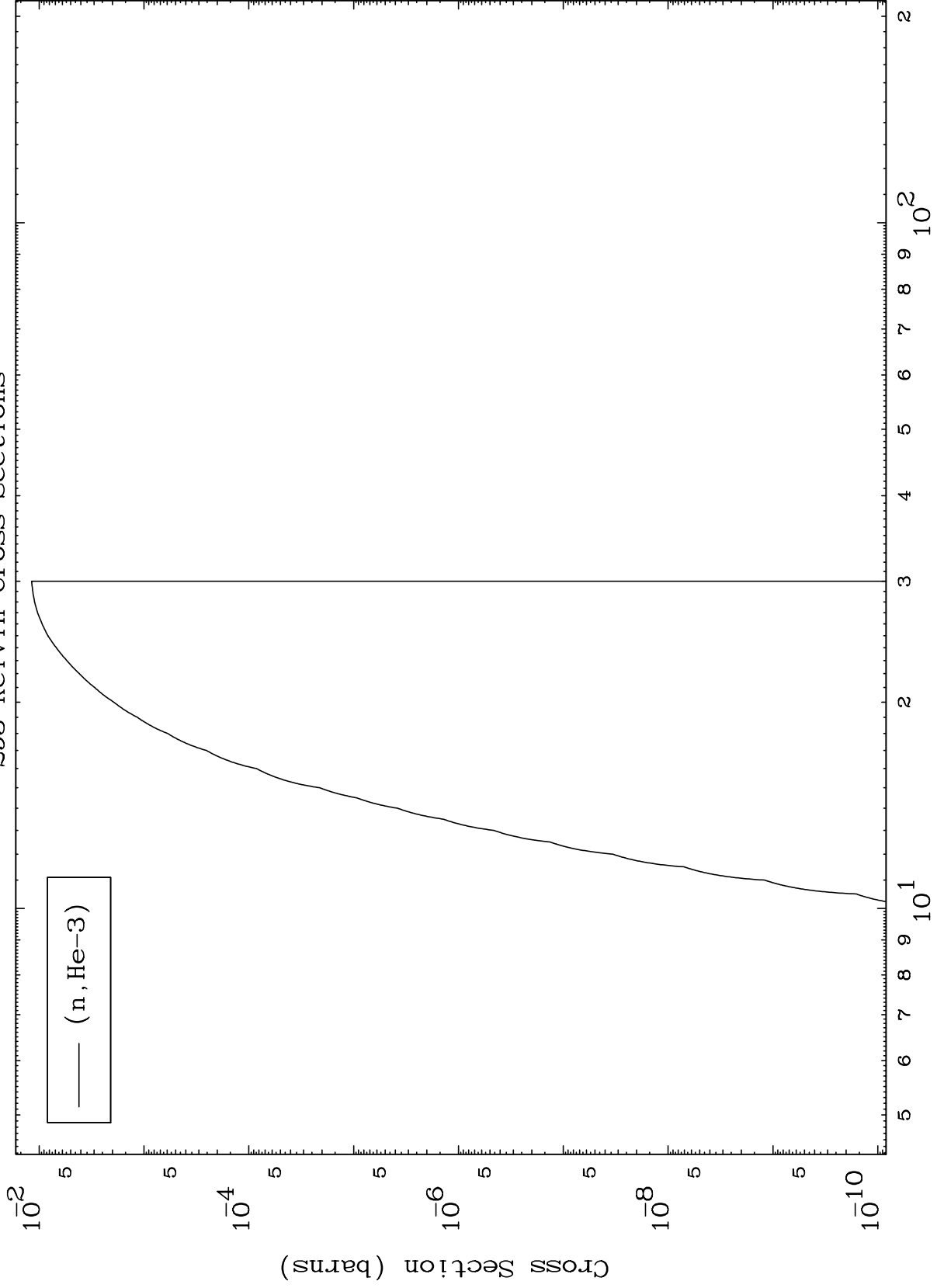
Incident Energy (MeV)

39-Y -84

MAT 3910

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -84



13

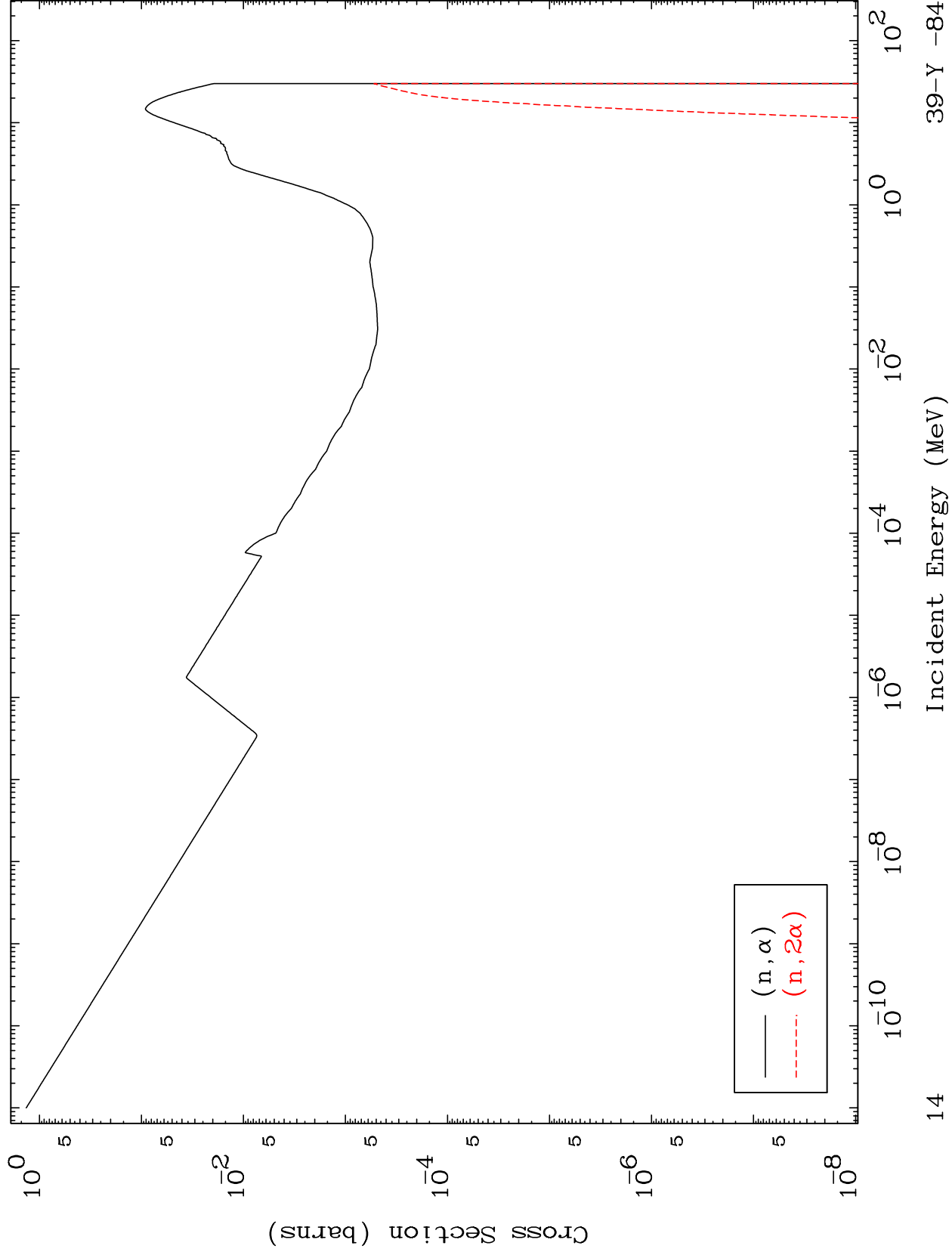
Incident Energy (MeV)

39-Y -84

MAT 3910

(n,α) Levels
293 Kelvin Cross Sections

39-Y -84



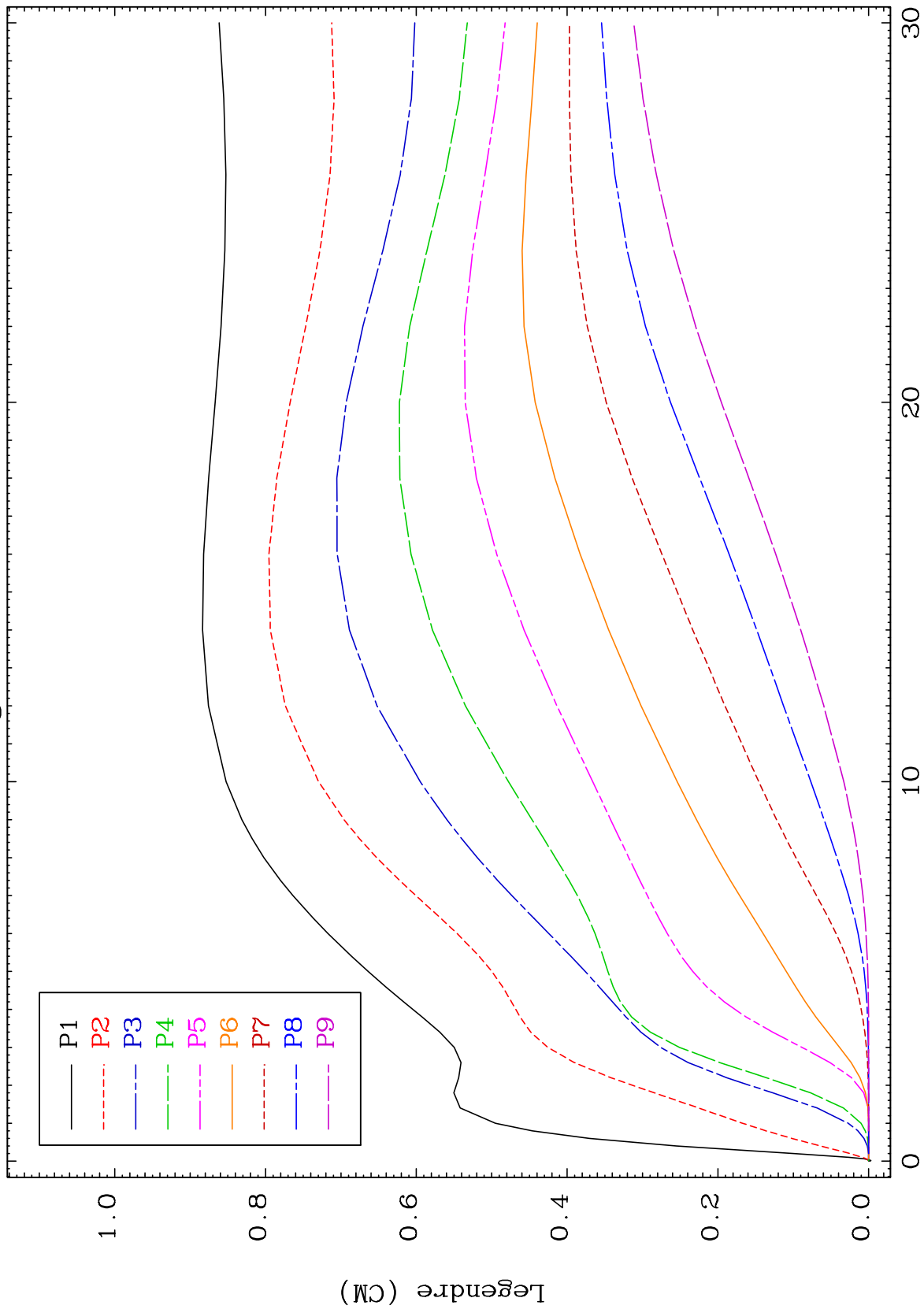
14

39-Y -84

MAT 3910

Elastic Legendre Coefficients

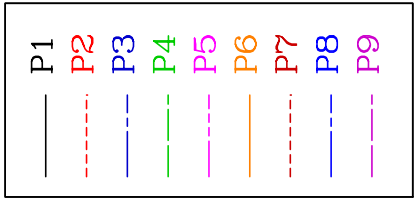
39-Y -84

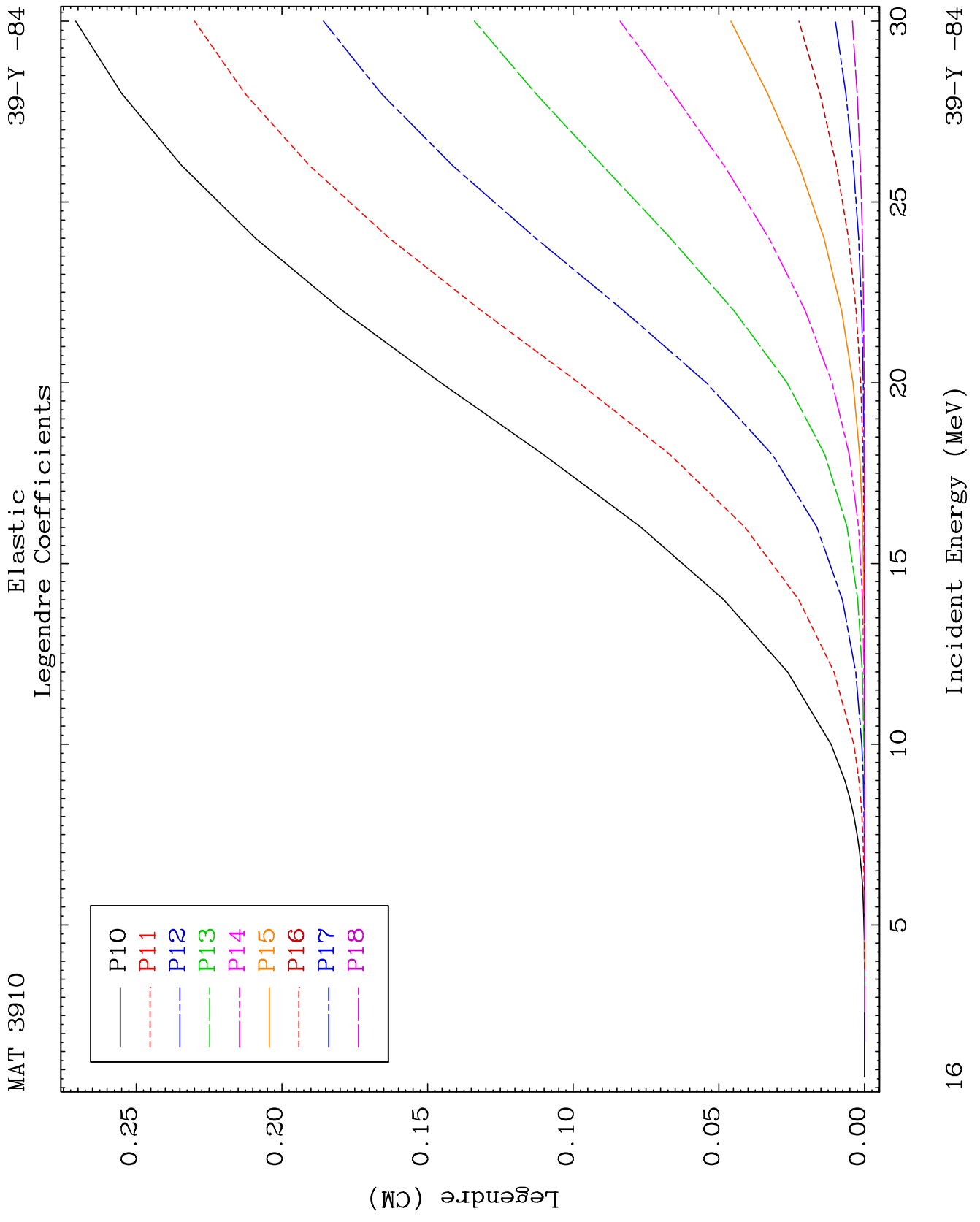


Incident Energy (MeV)

39-Y -84

15





39-Y -84

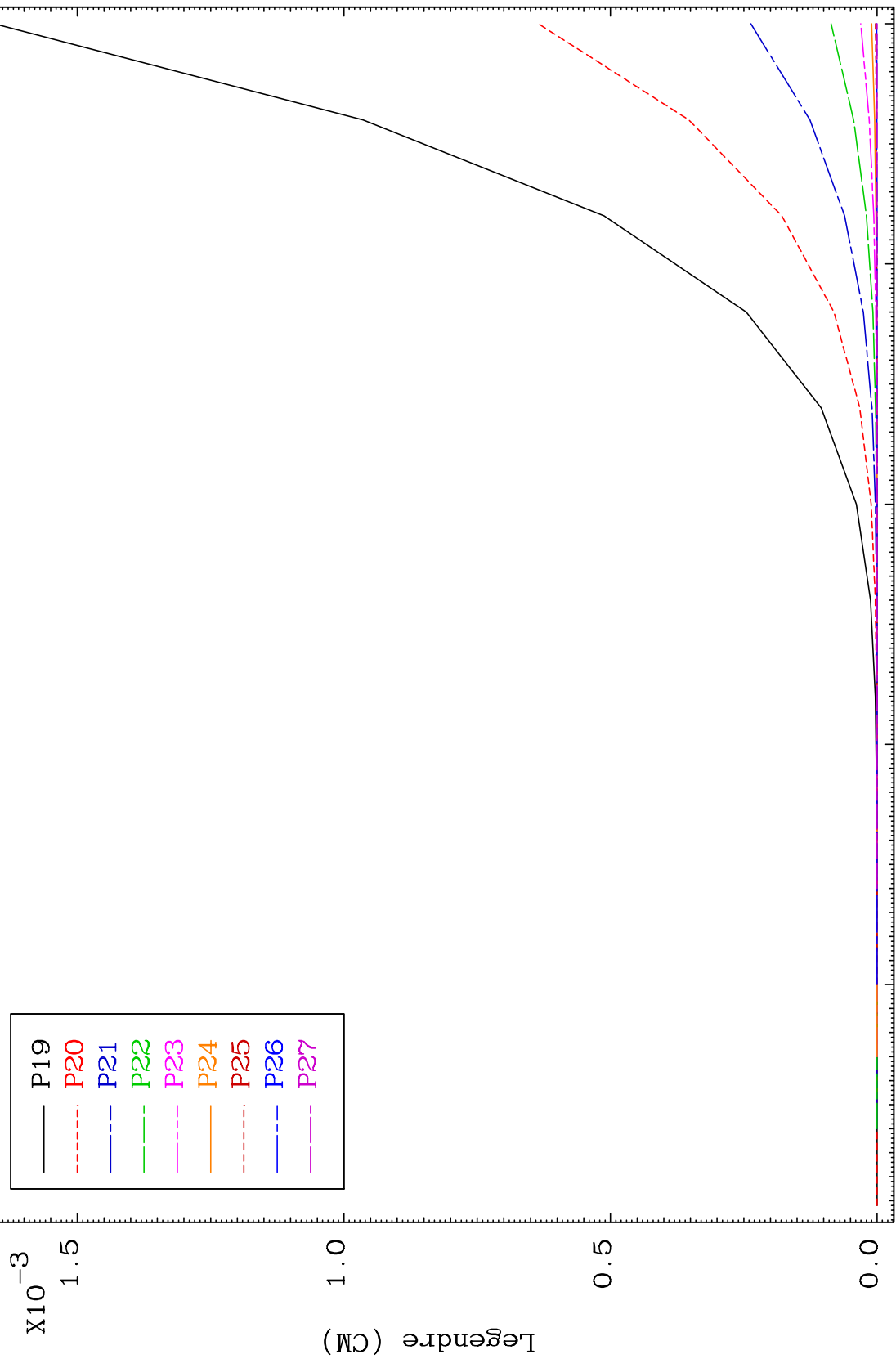
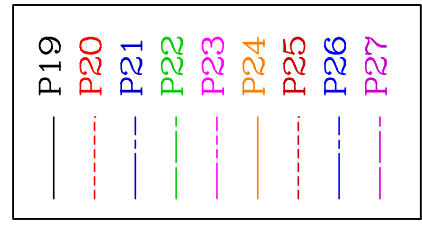
39-Y -84

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MAT 3910

Elastic Legendre Coefficients

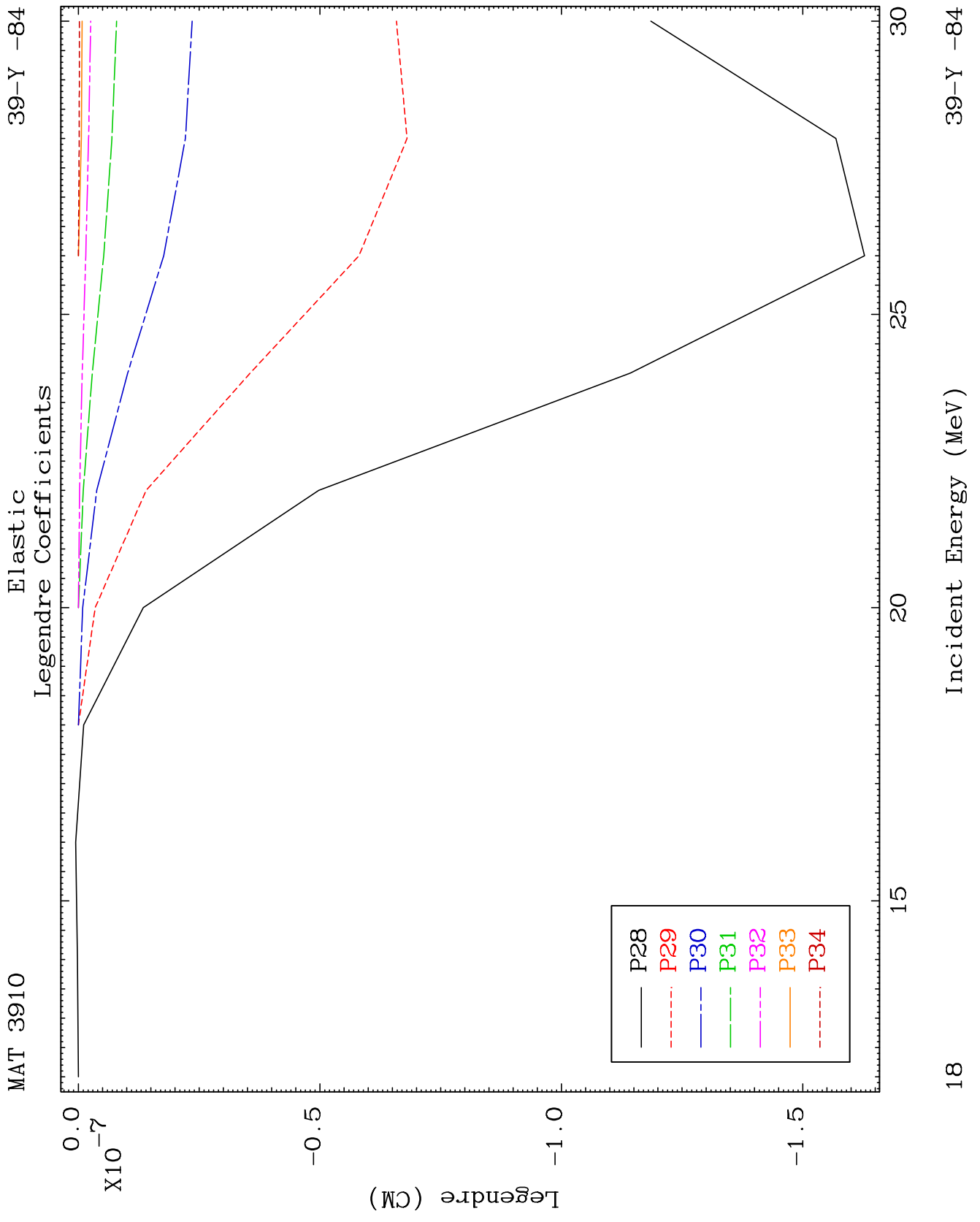
39-Y -84



17

Incident Energy (MeV)

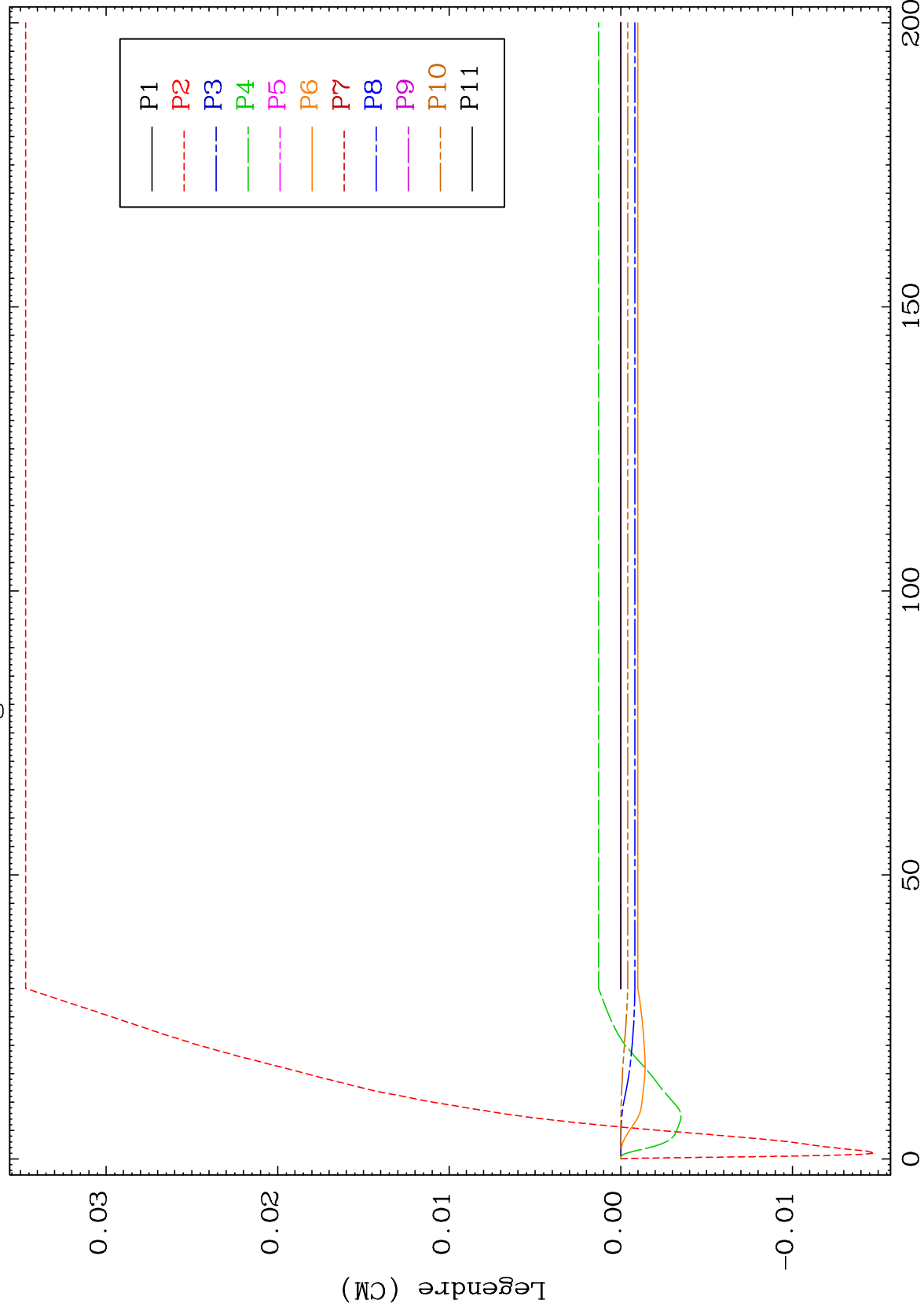
39-Y -84



MAT 3910

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

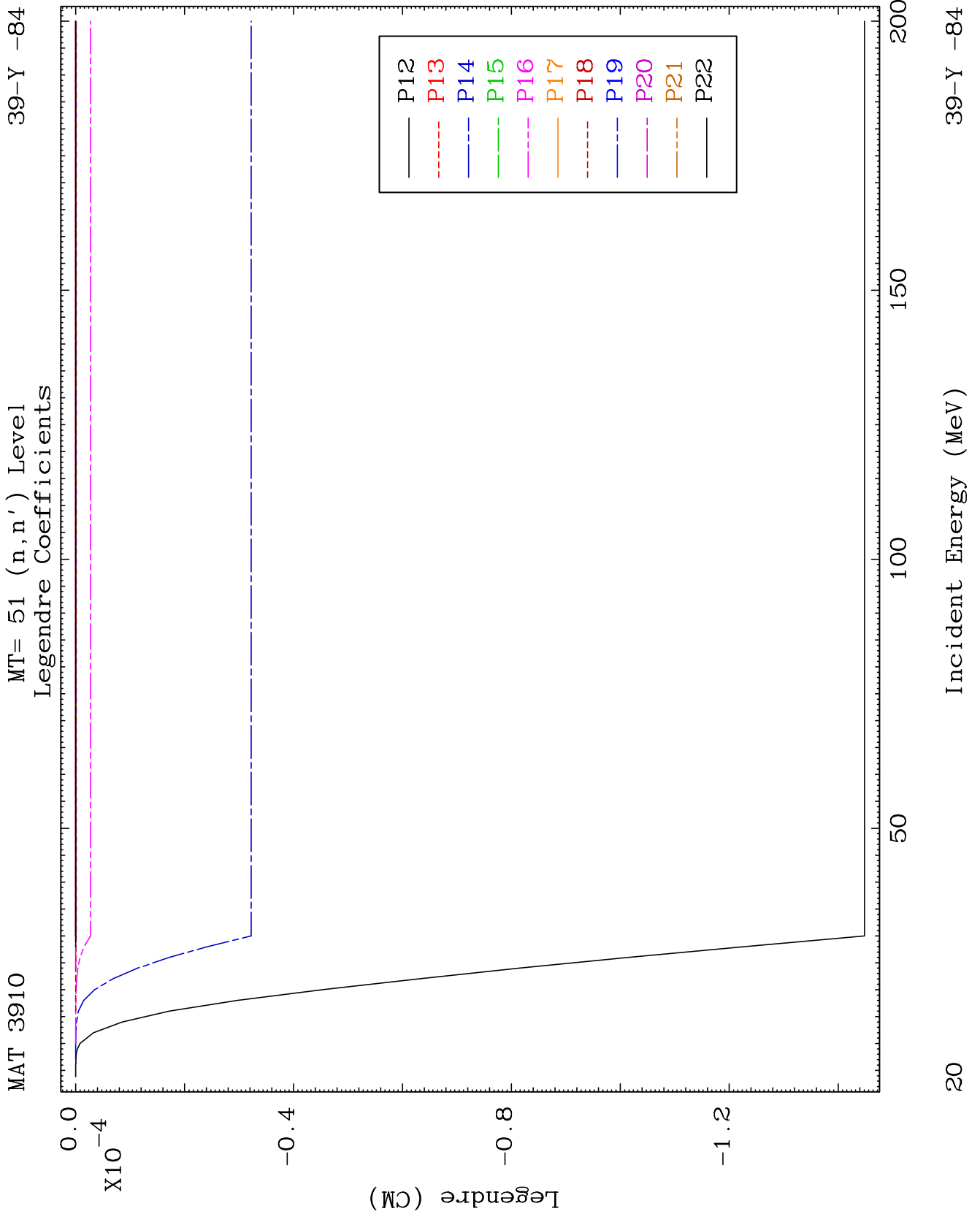
39-Y -84



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Incident Energy (MeV)

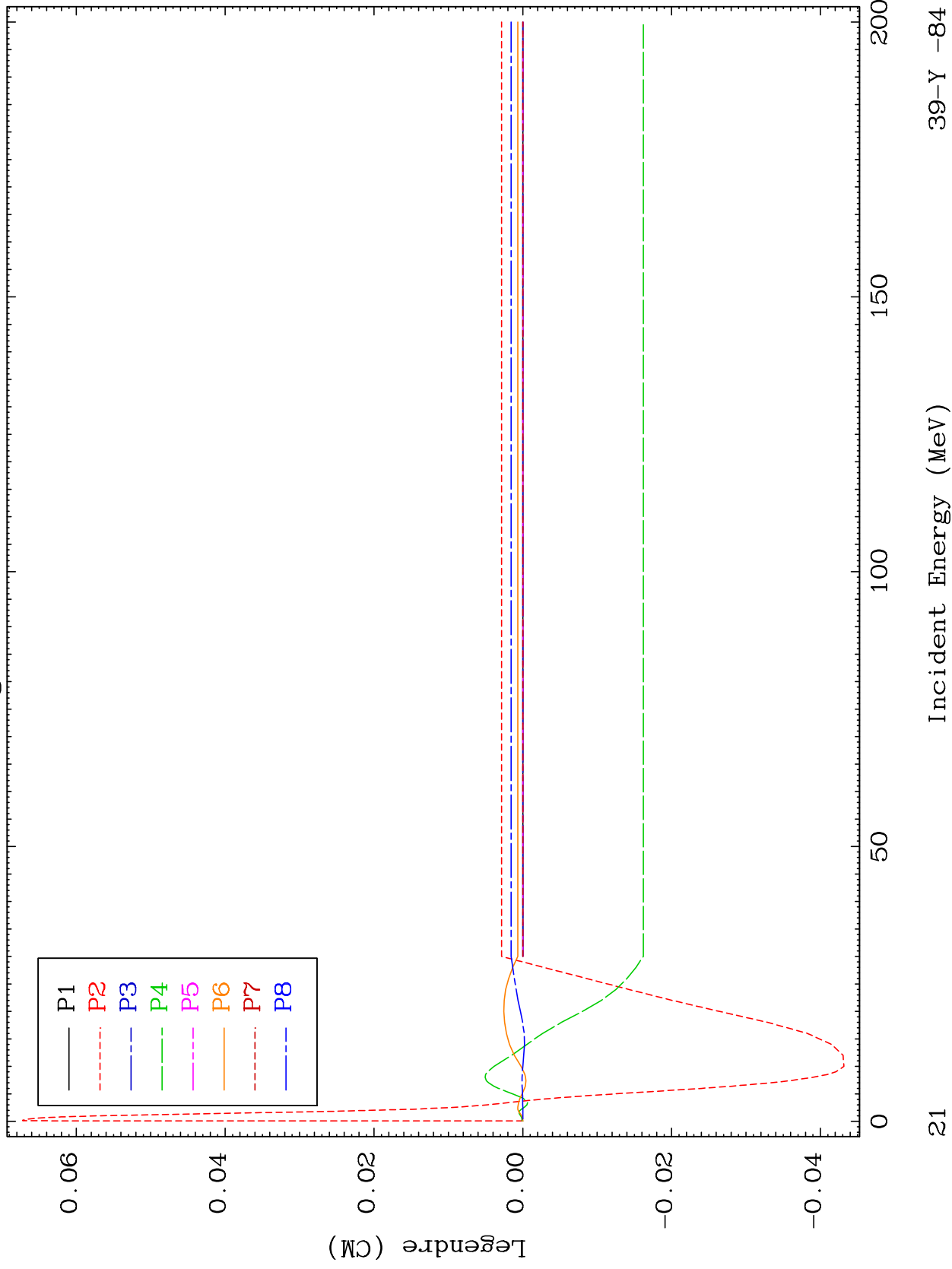
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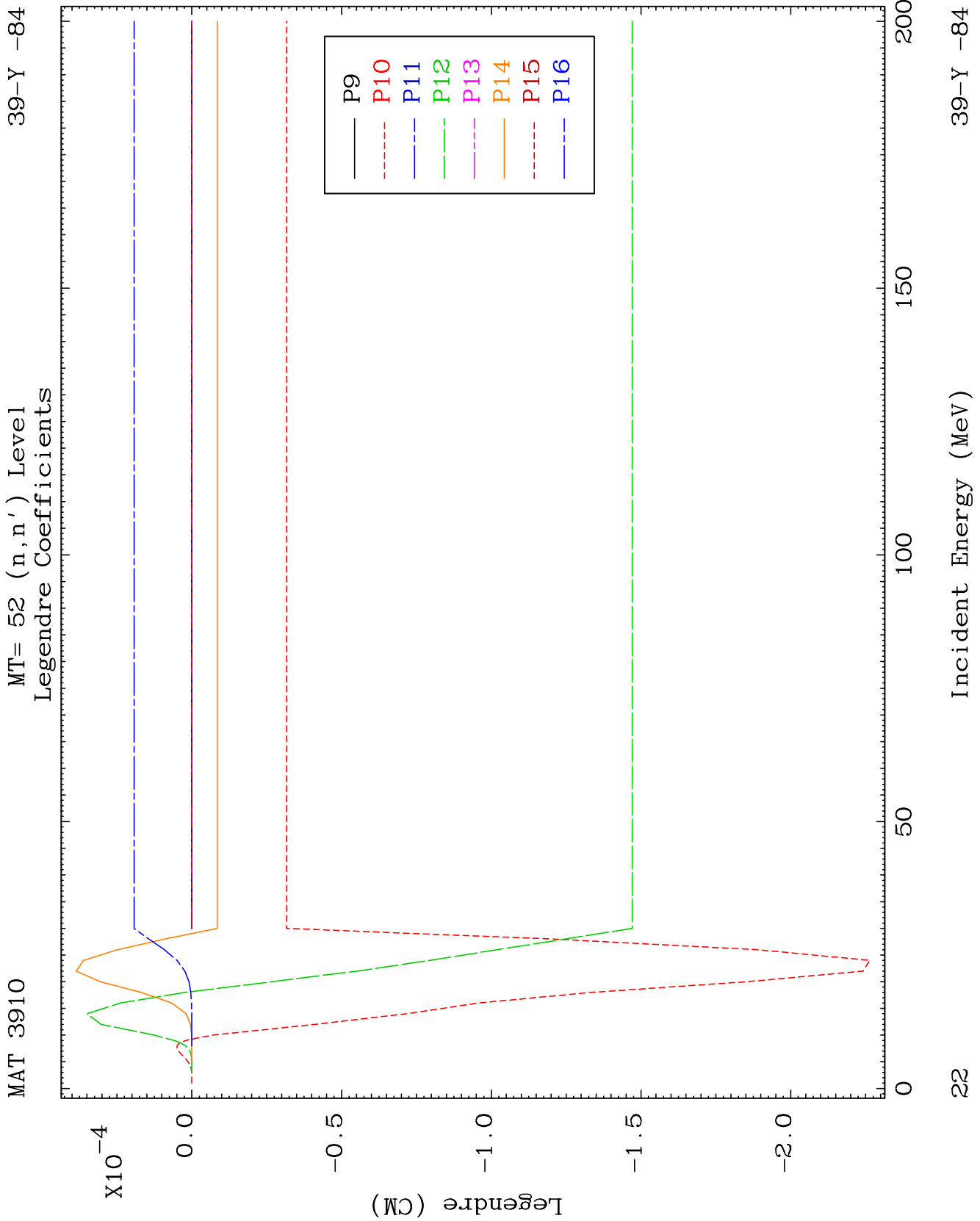


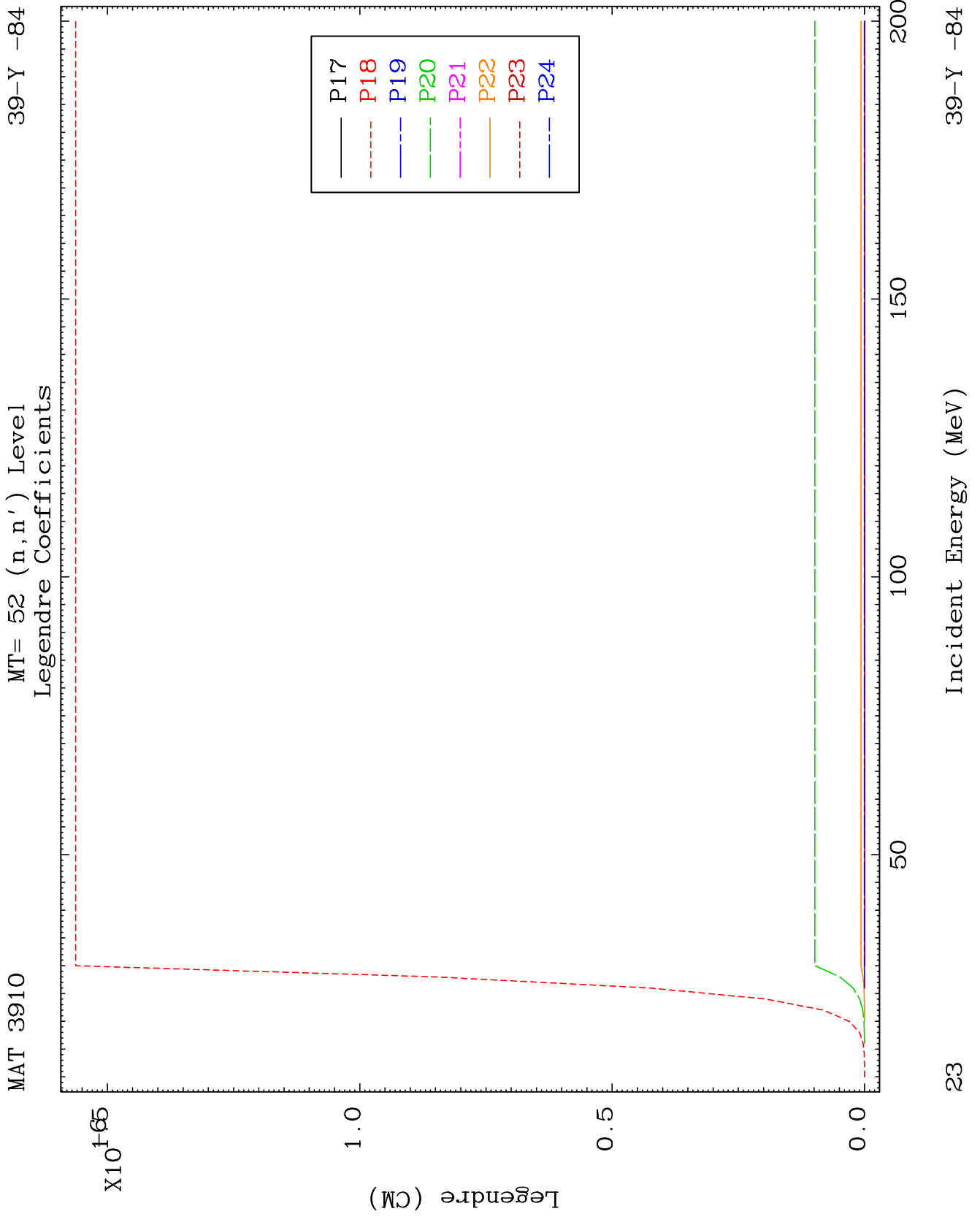
MAT 3910

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

39-Y -84



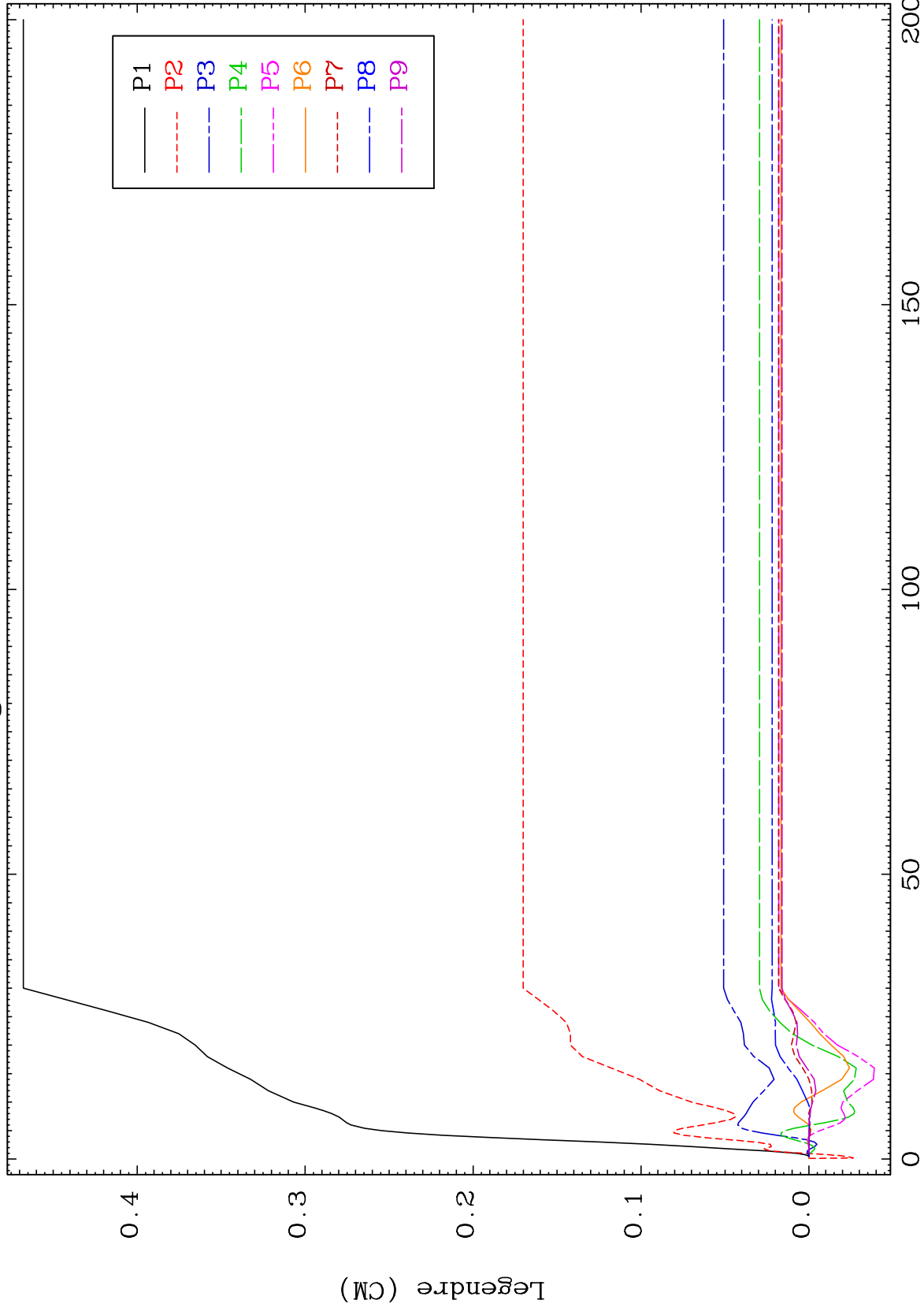




MAT 3910

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

39-Y -84



24

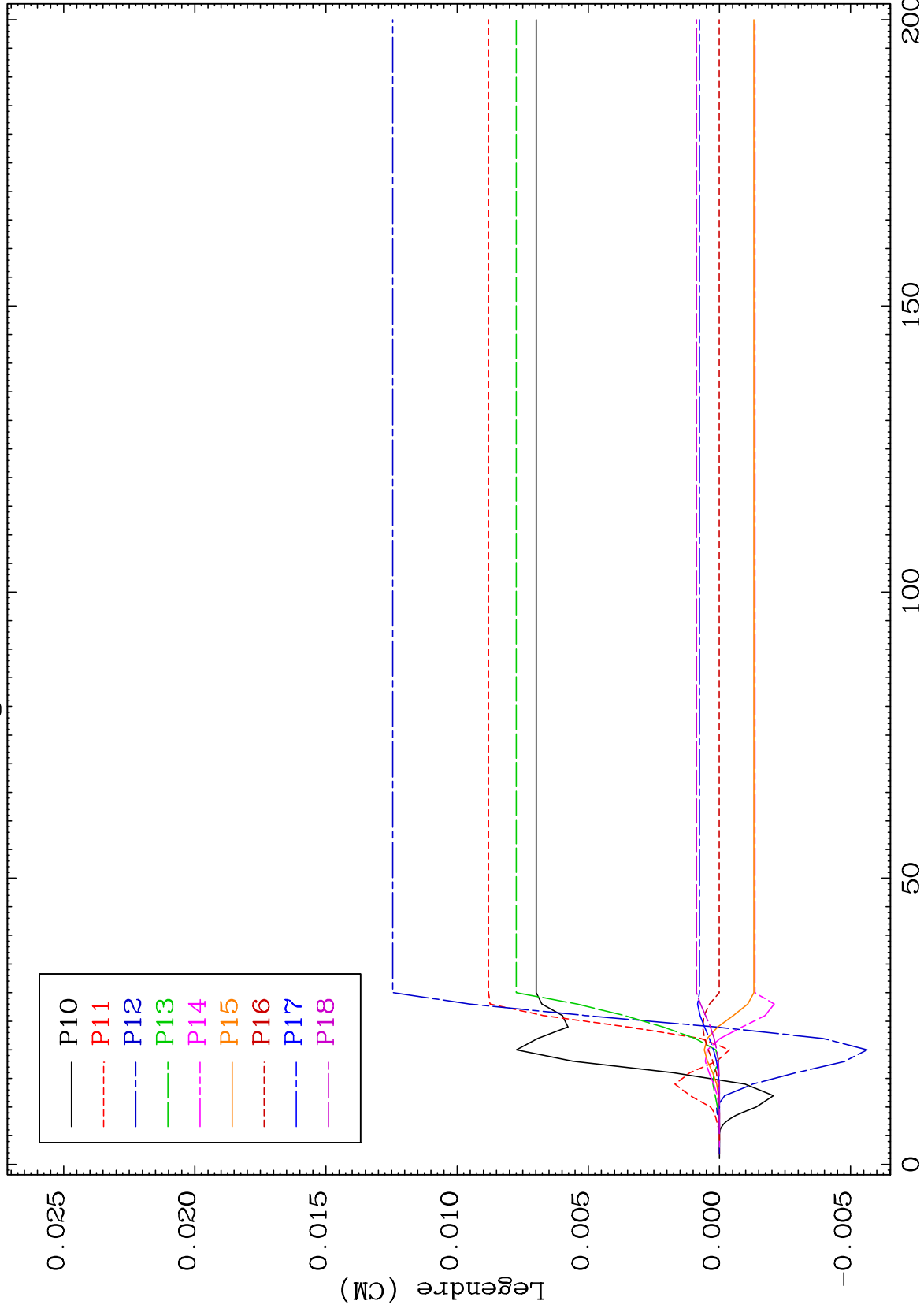
Incident Energy (MeV)

39-Y -84

MAT 3910

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

39-Y -84



25

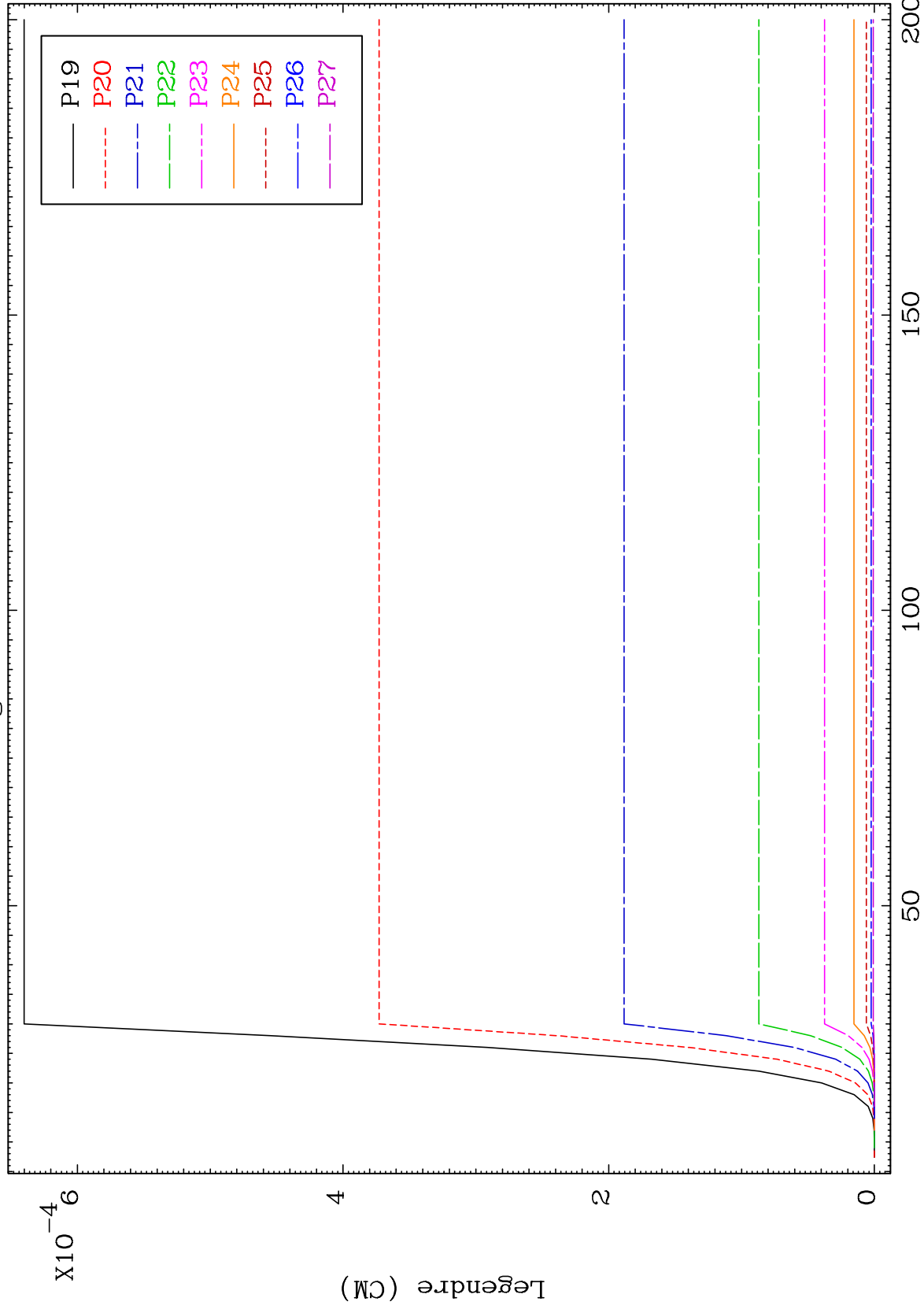
Incident Energy (MeV)

39-Y -84

MAT 3910

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

39-Y -84



26

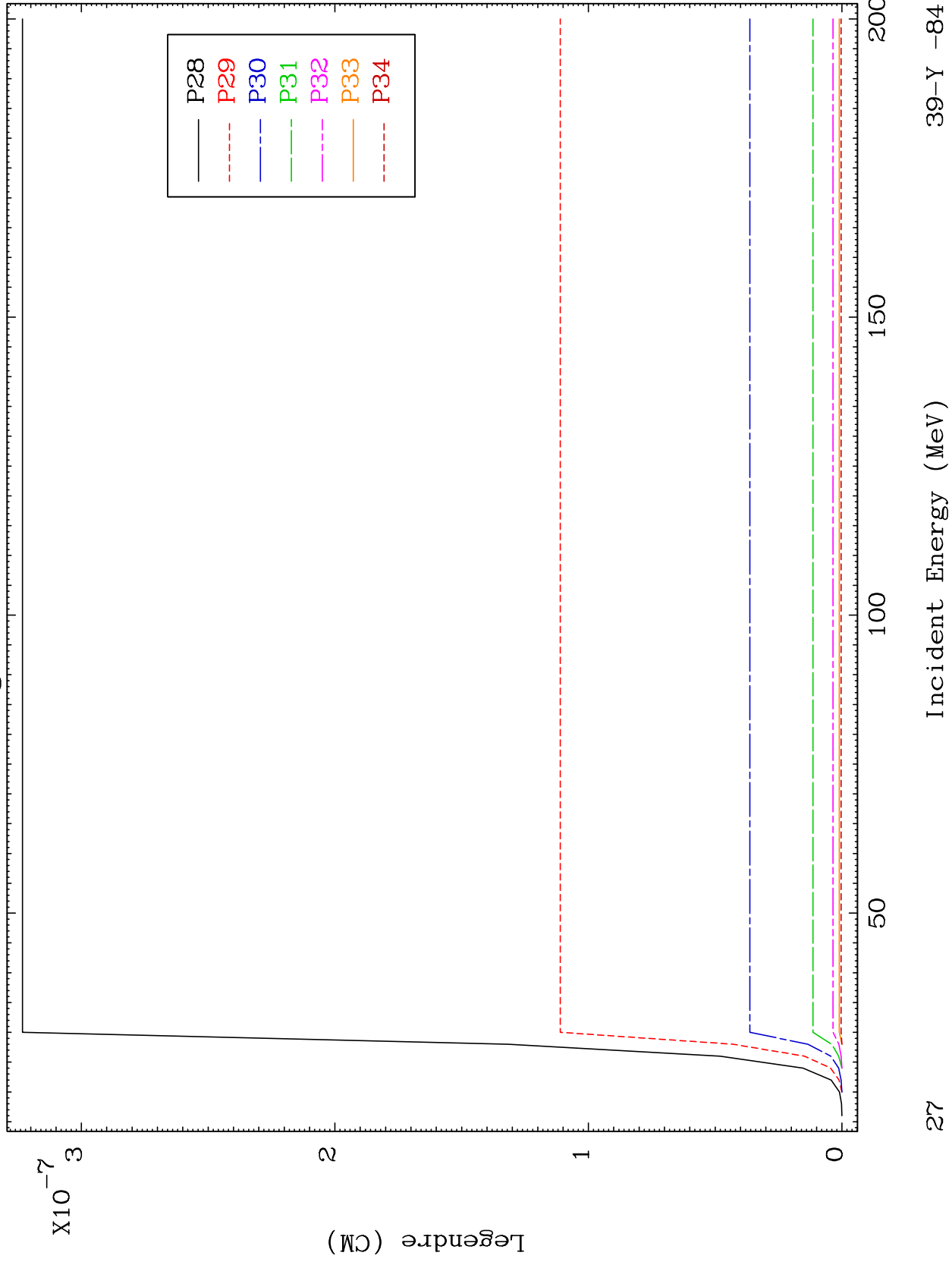
Incident Energy (MeV)

39-Y -84

MAT 3910

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

39-Y -84



27

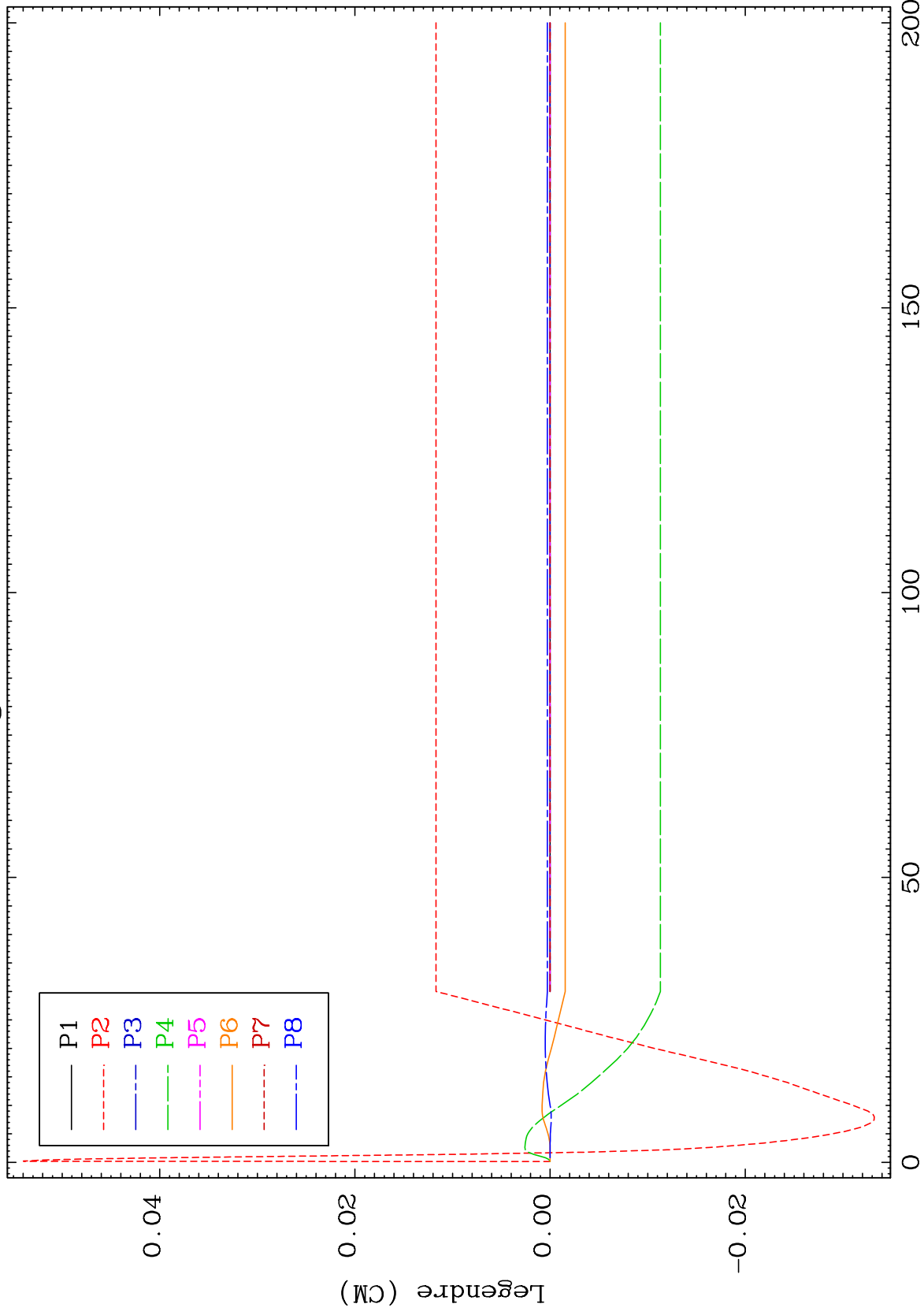
Incident Energy (MeV)

39-Y -84

MAT 3910

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

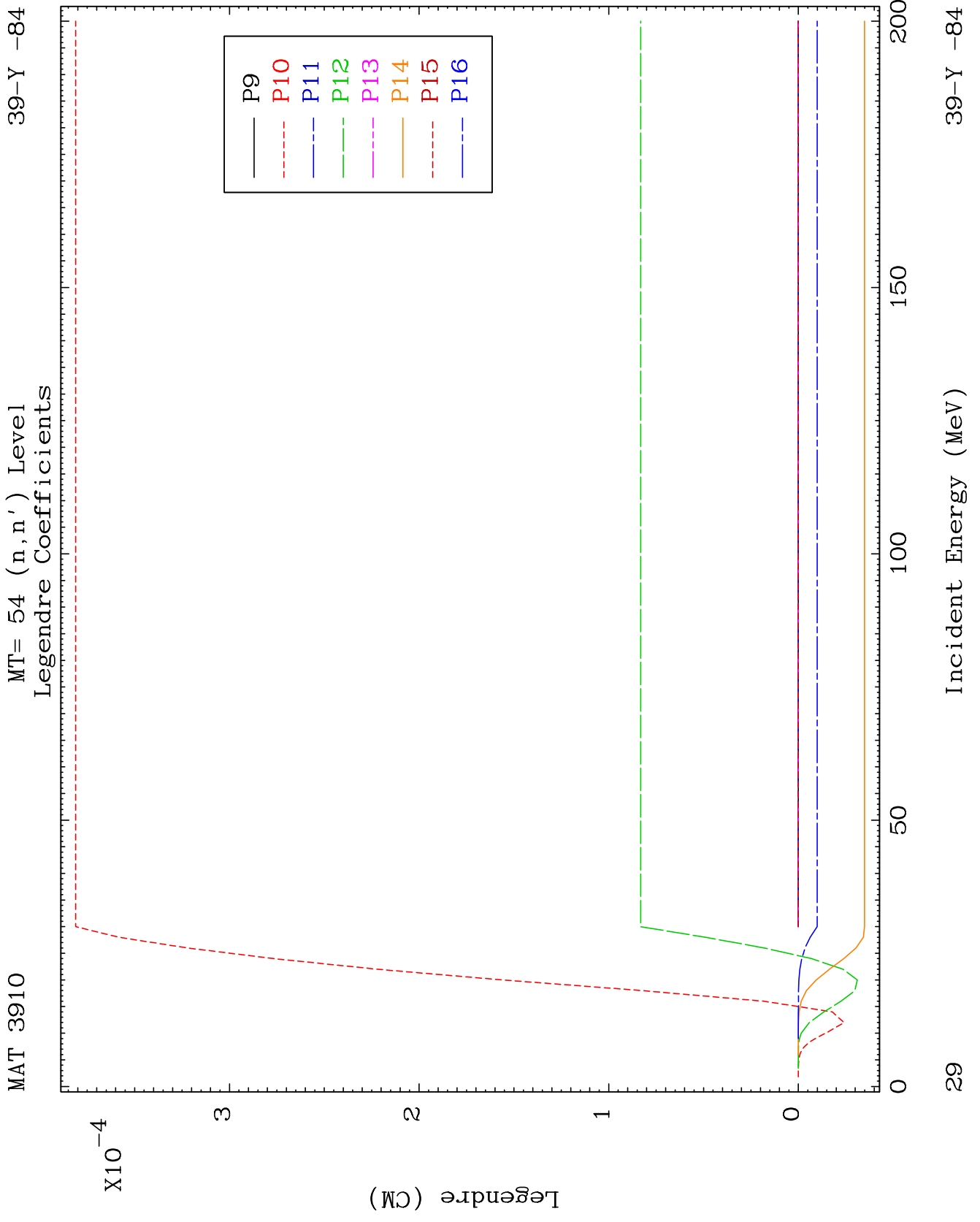
39-Y -84

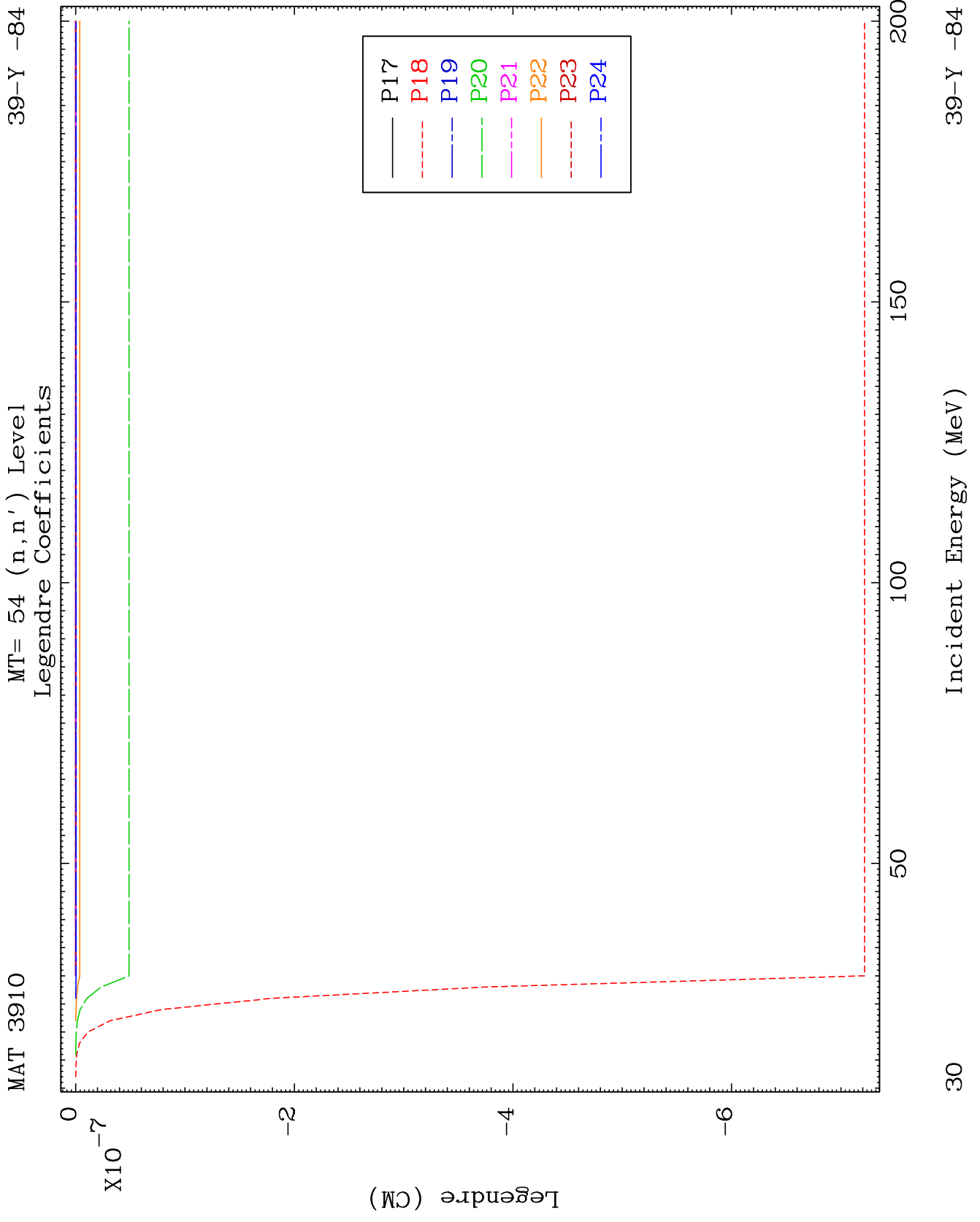


39-Y -84

Incident Energy (MeV)

28

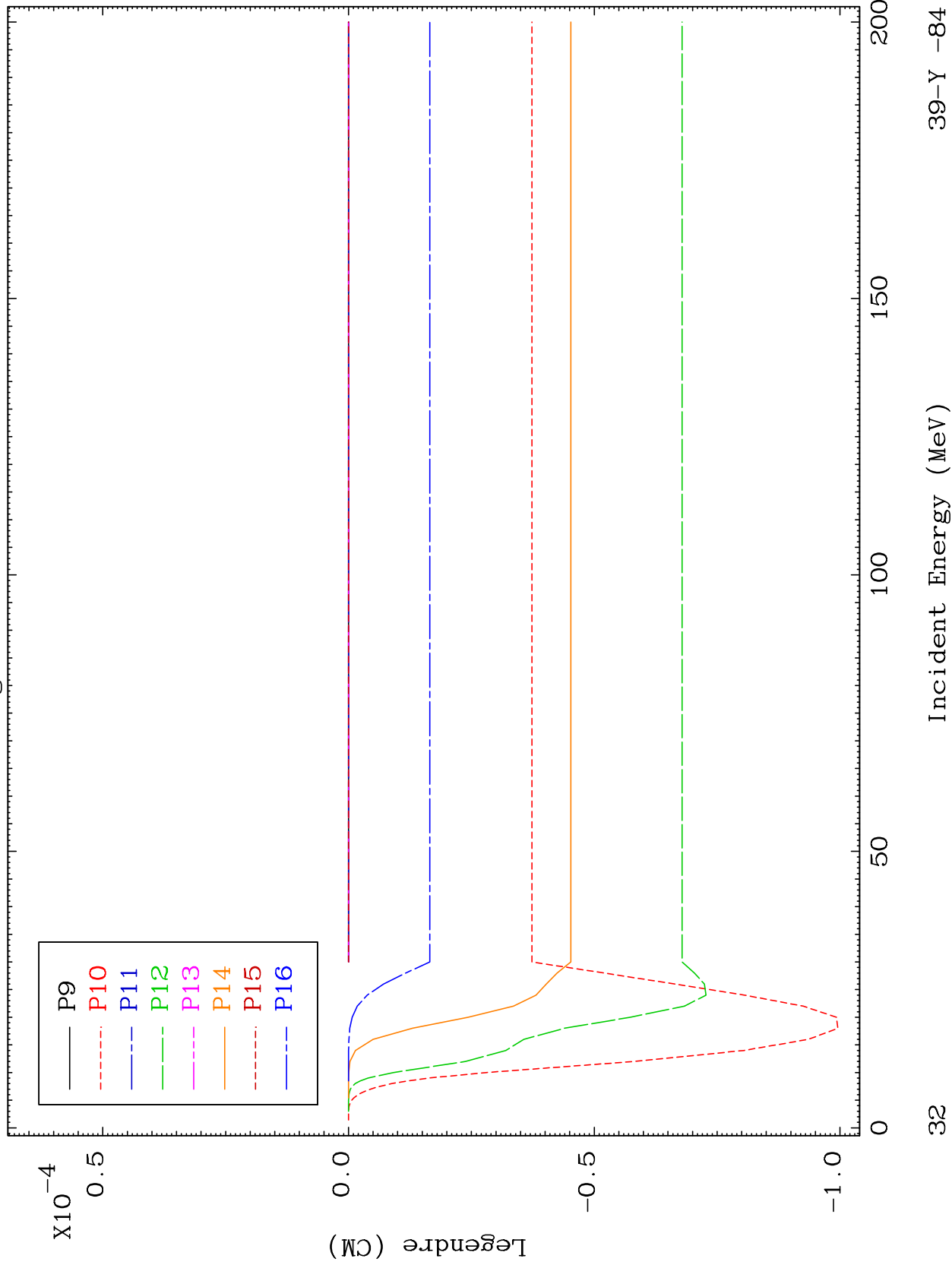




MAT 3910

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

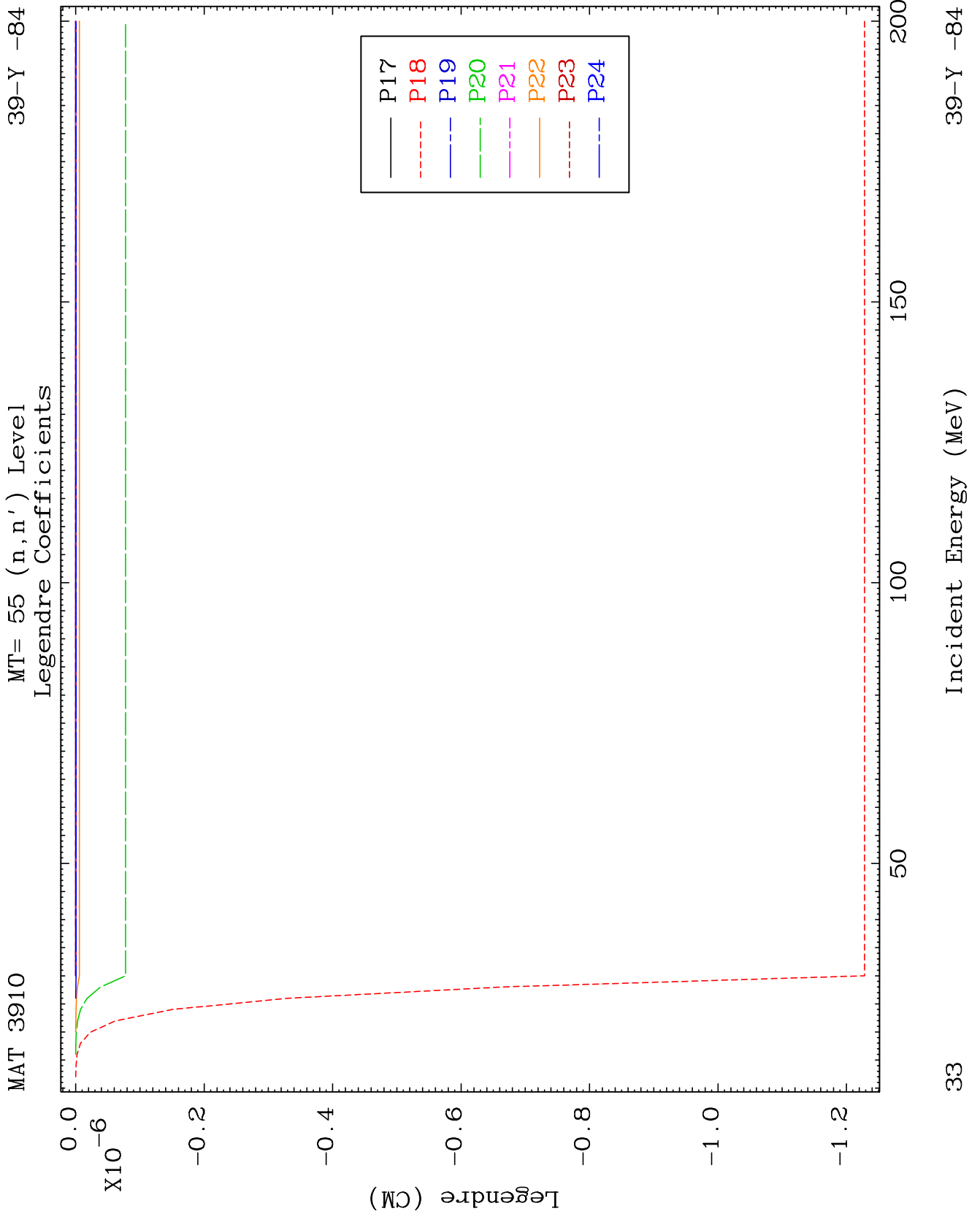
39-Y -84



32

Incident Energy (MeV)

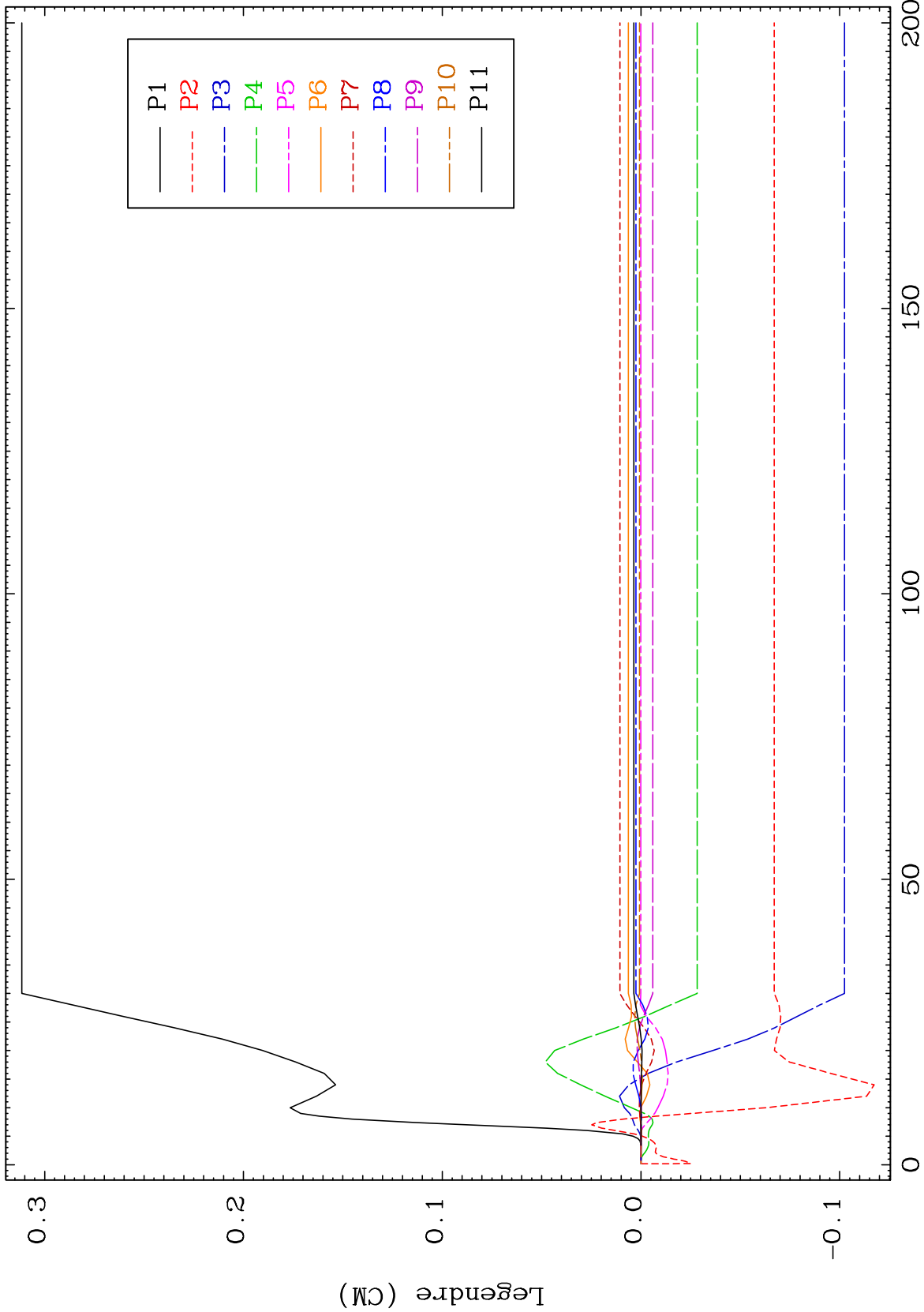
39-Y -84



MAT 3910

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

39-Y -84



34

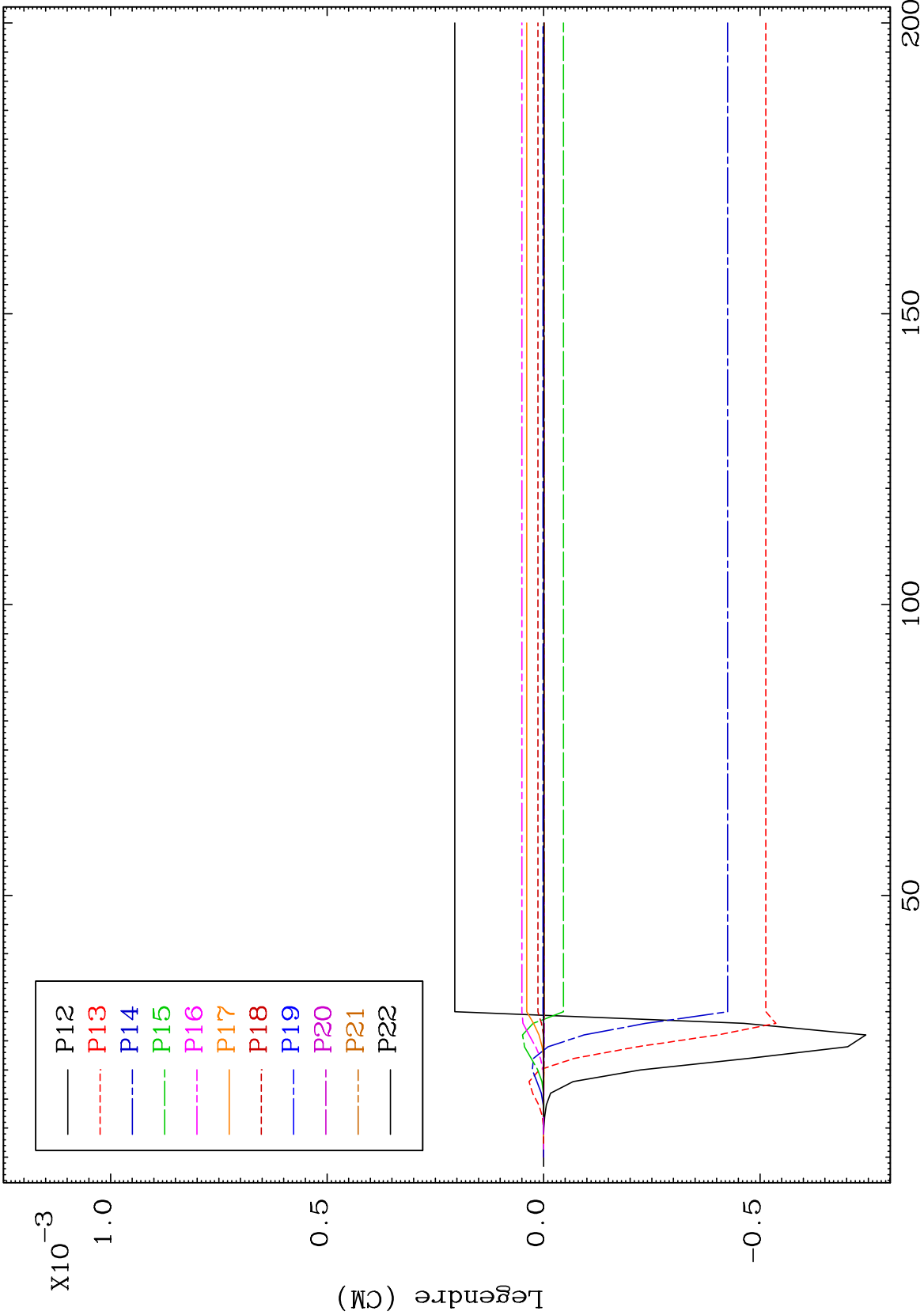
Incident Energy (MeV)

39-Y -84

MAT 3910

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

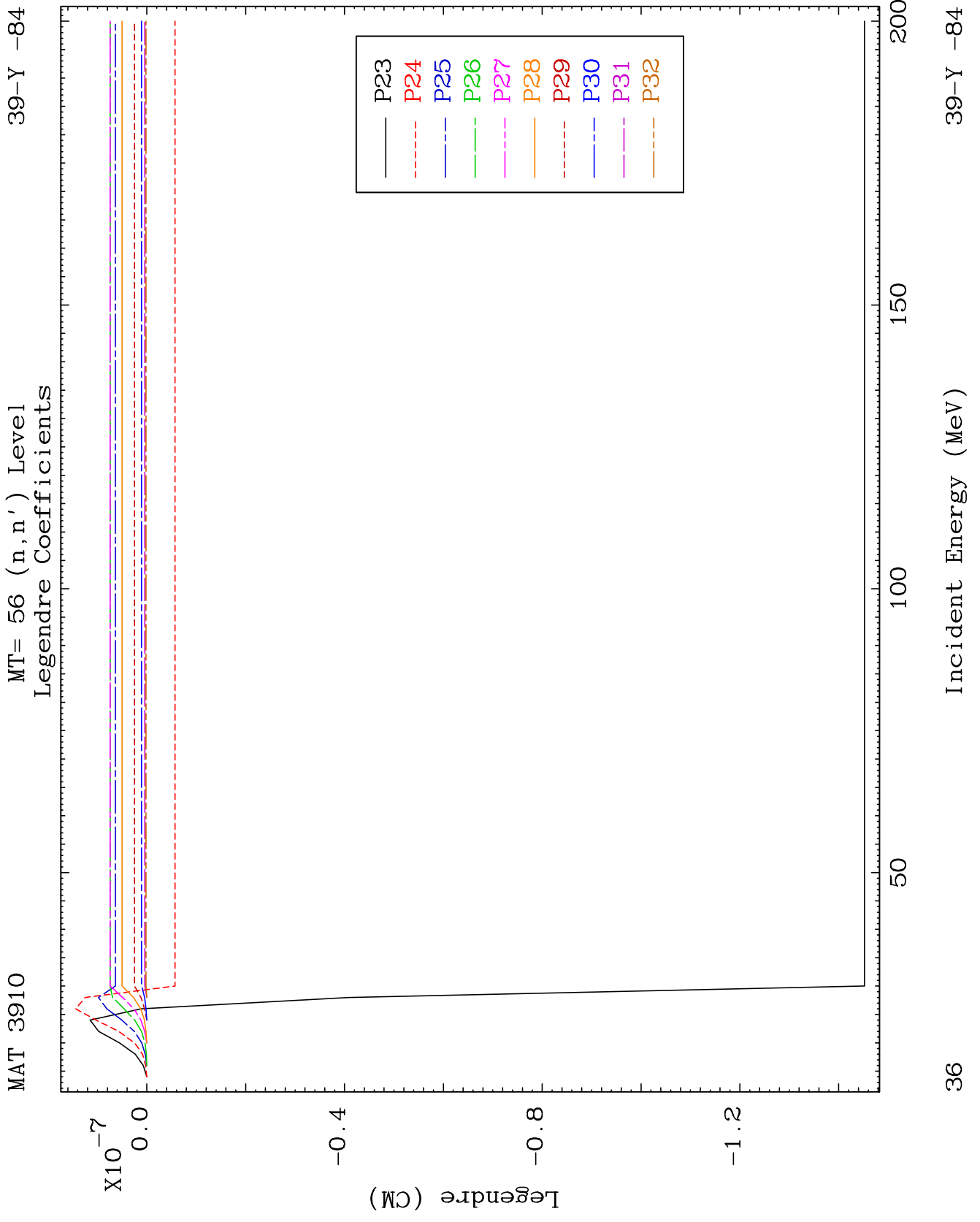
39-Y -84



35

Incident Energy (MeV)

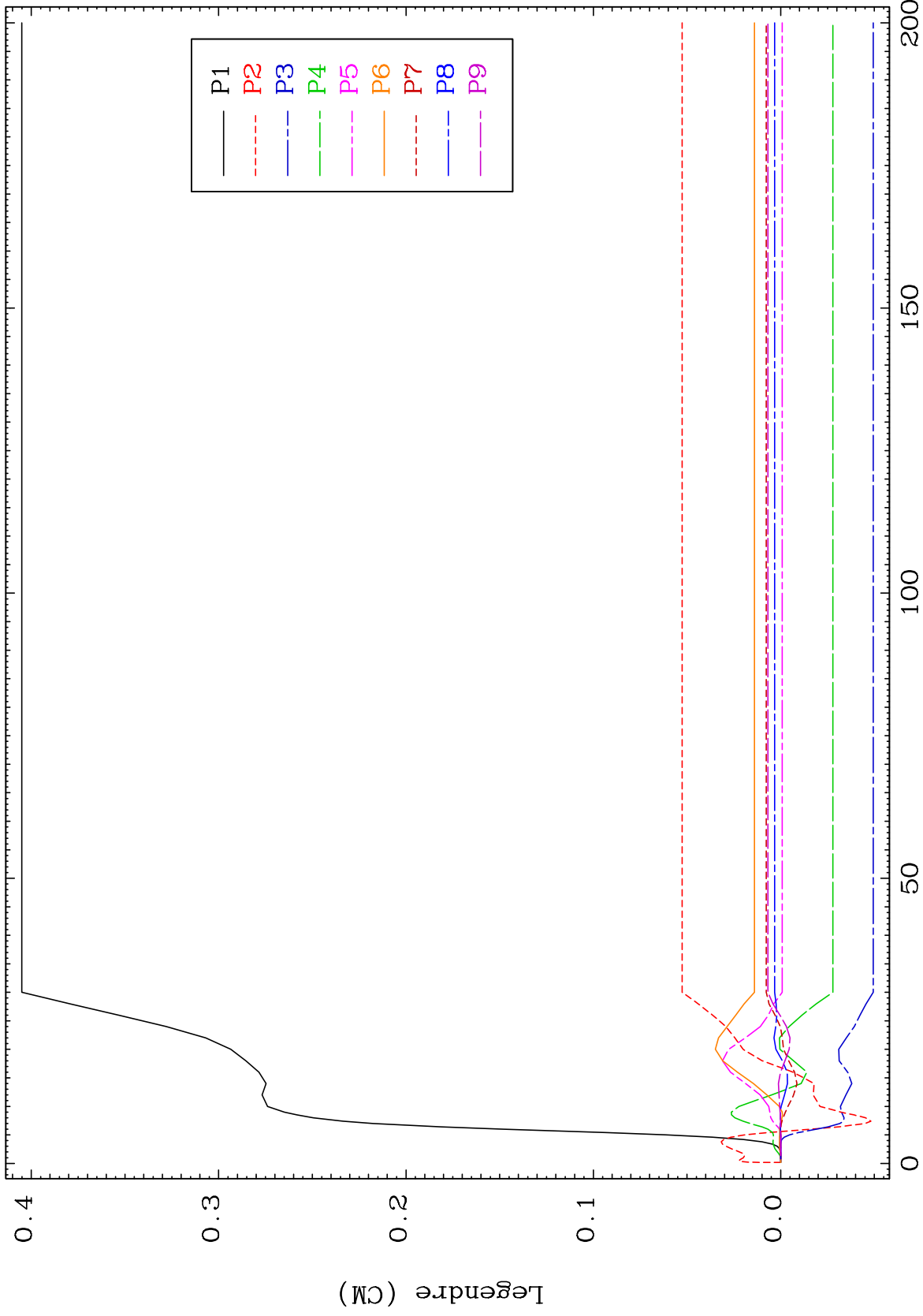
39-Y -84



MAT 3910

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

39-Y -84



37

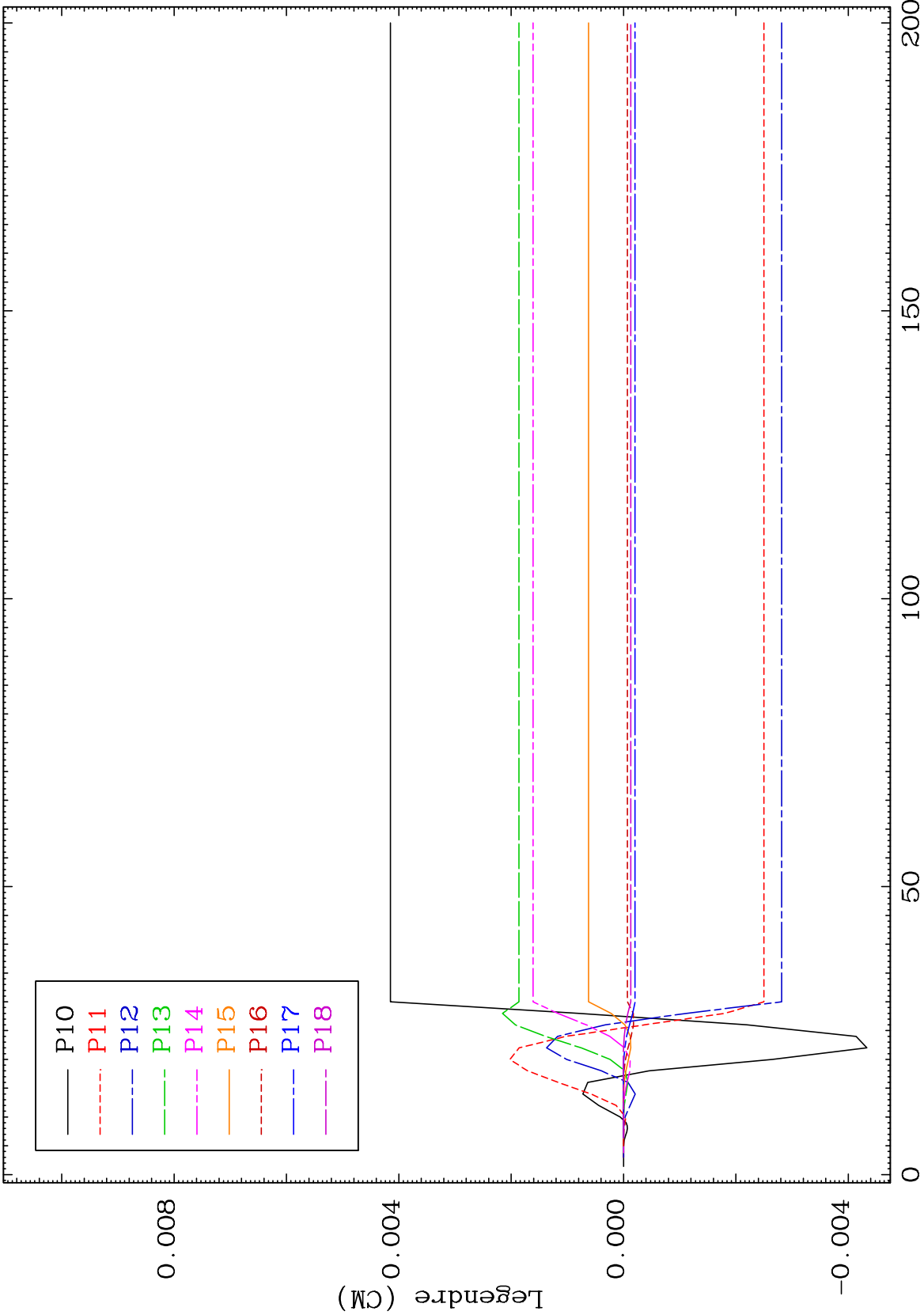
Incident Energy (MeV)

39-Y -84

MAT 3910

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

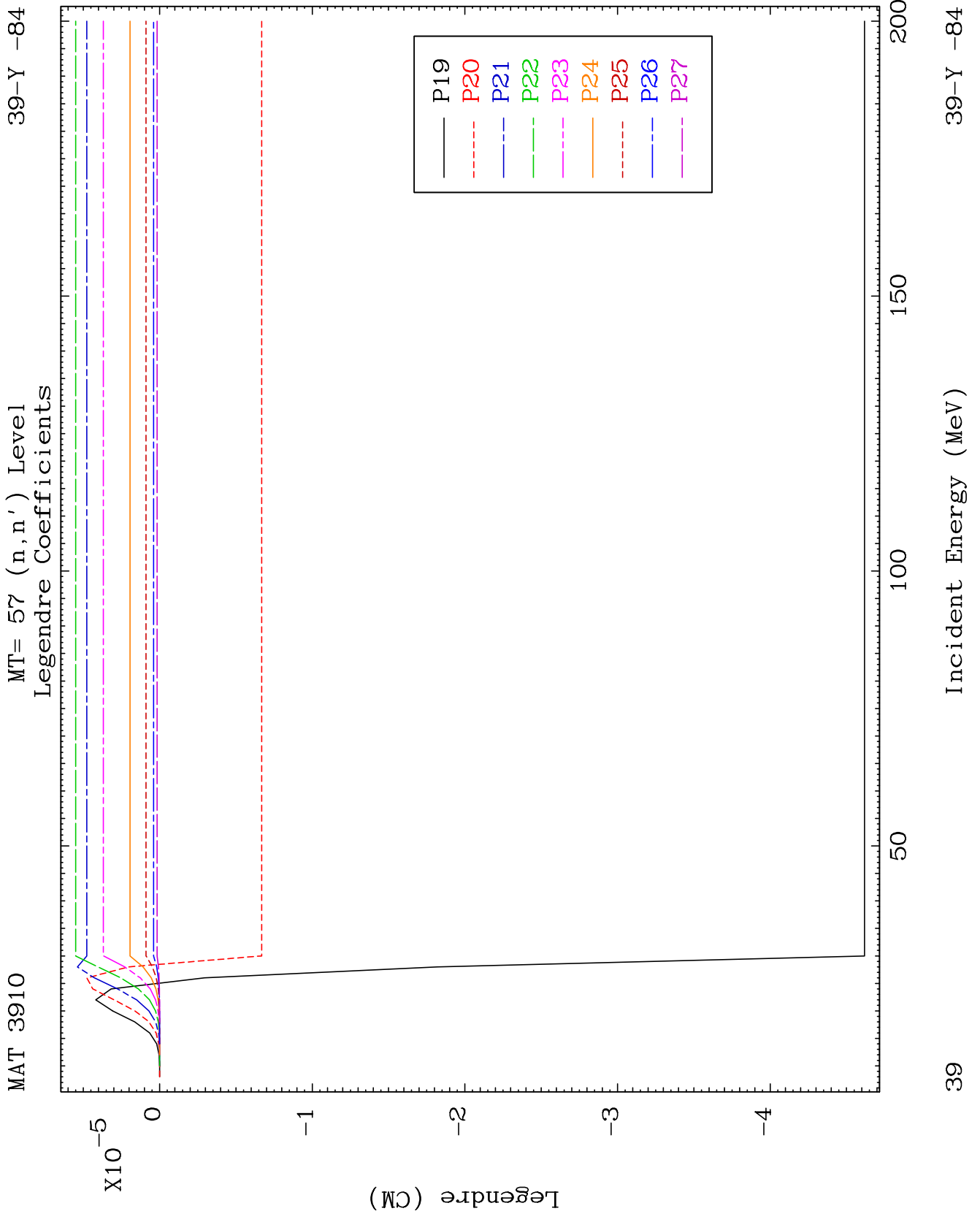
39-Y -84



38

Incident Energy (MeV)

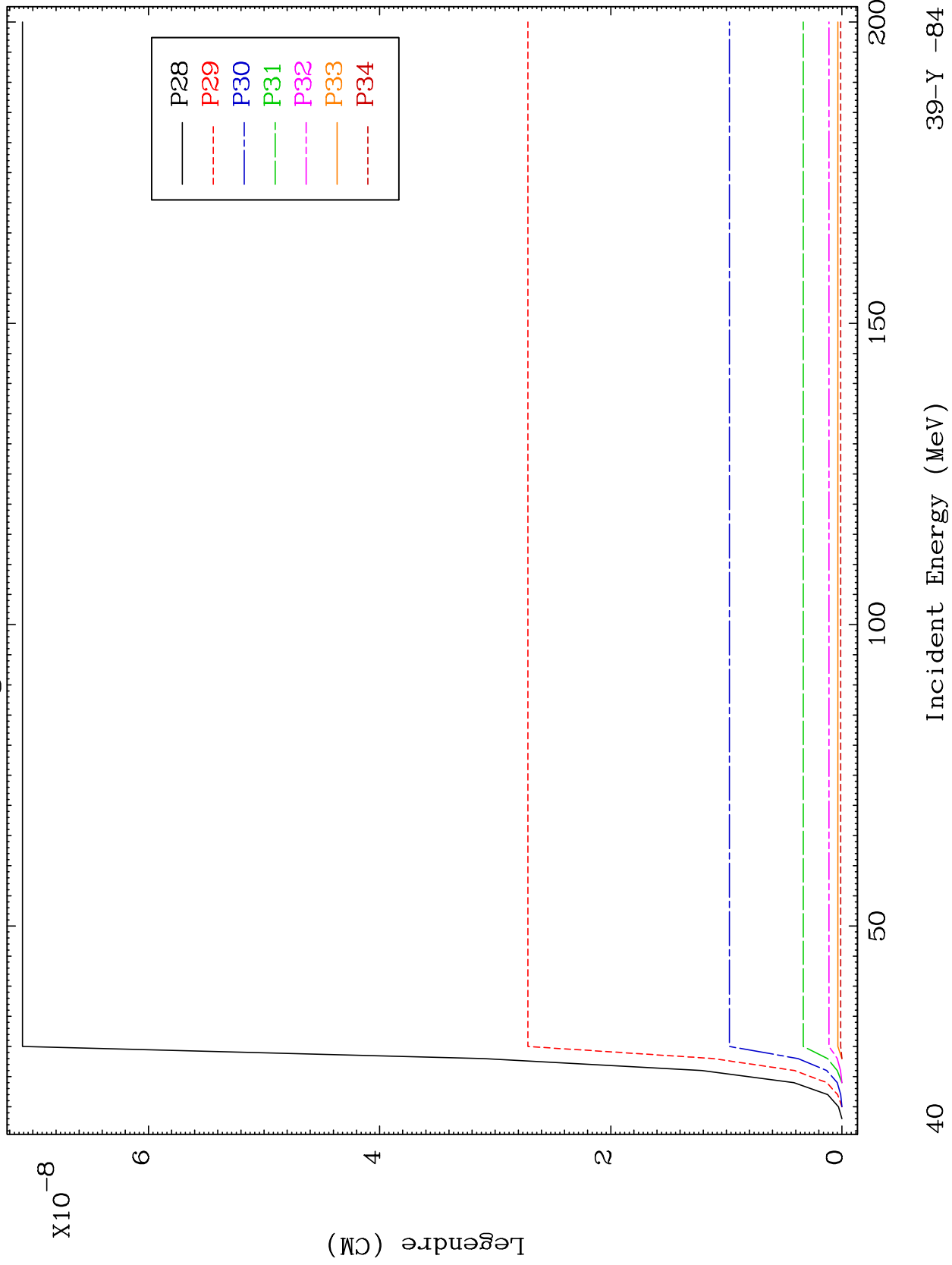
39-Y -84



MAT 3910

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

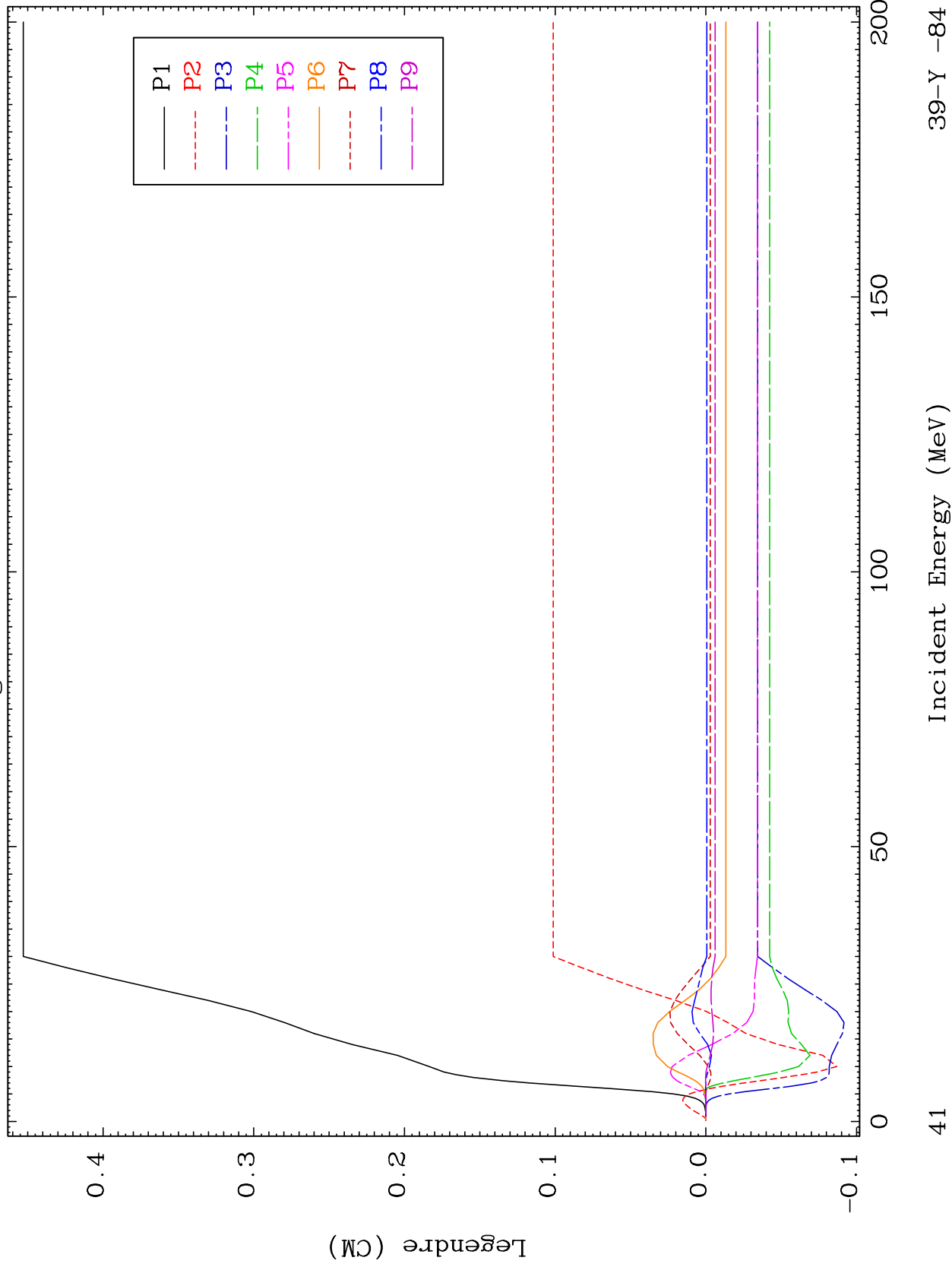
39-Y -84



MAT 3910

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

39-Y -84



41

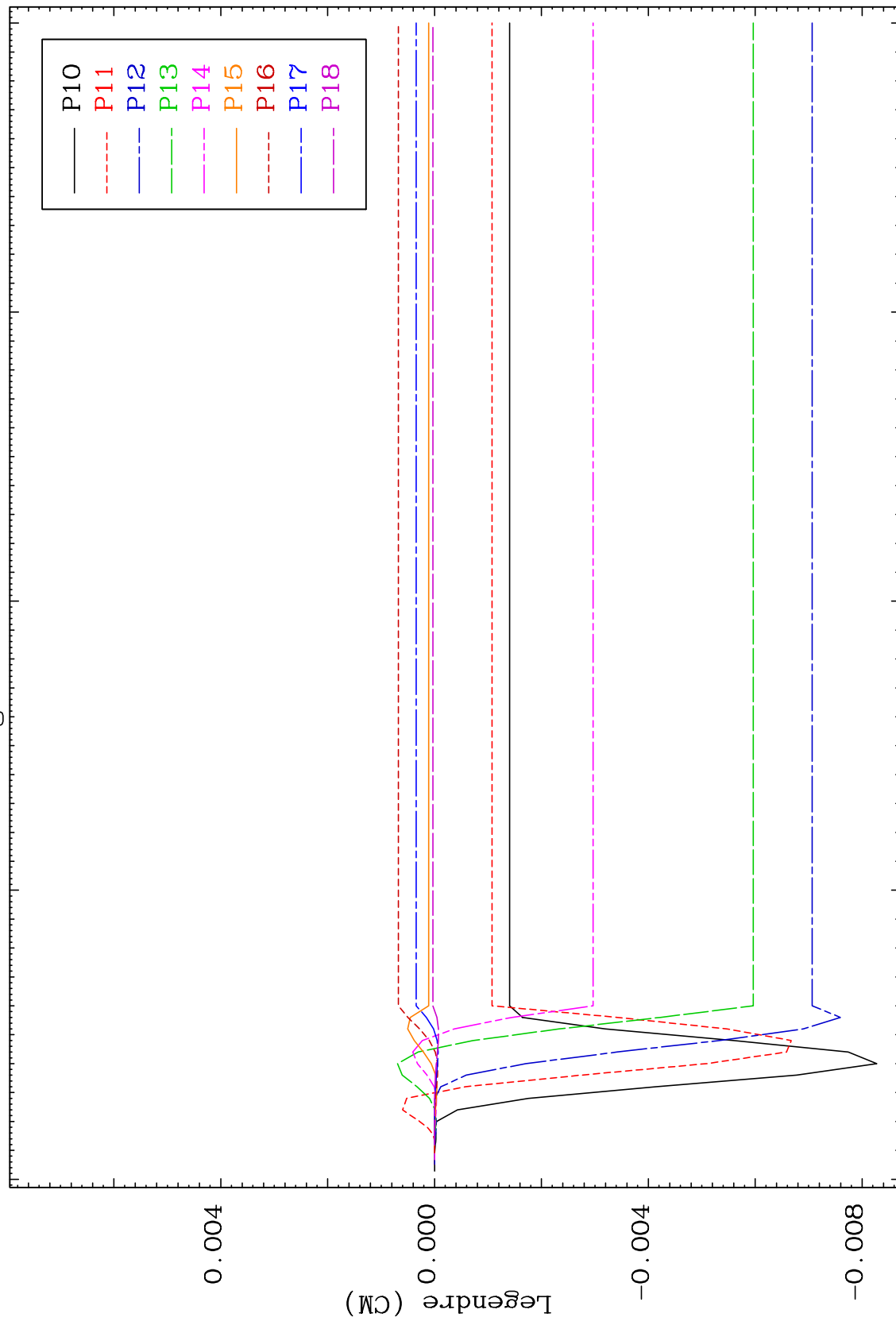
Incident Energy (MeV)

39-Y -84

MAT 3910

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

39-Y -84



42

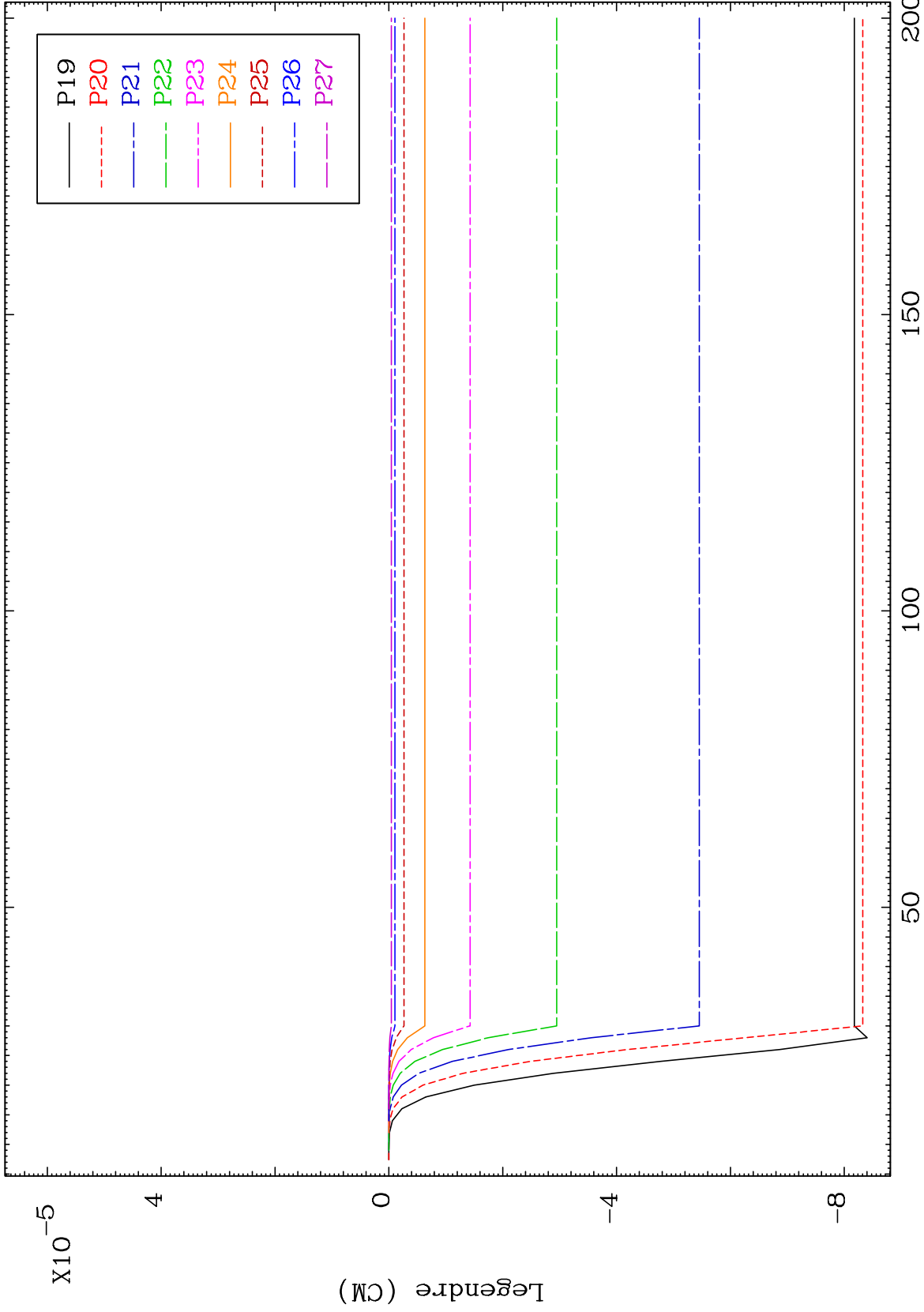
Incident Energy (MeV)

39-Y -84

MAT 3910

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

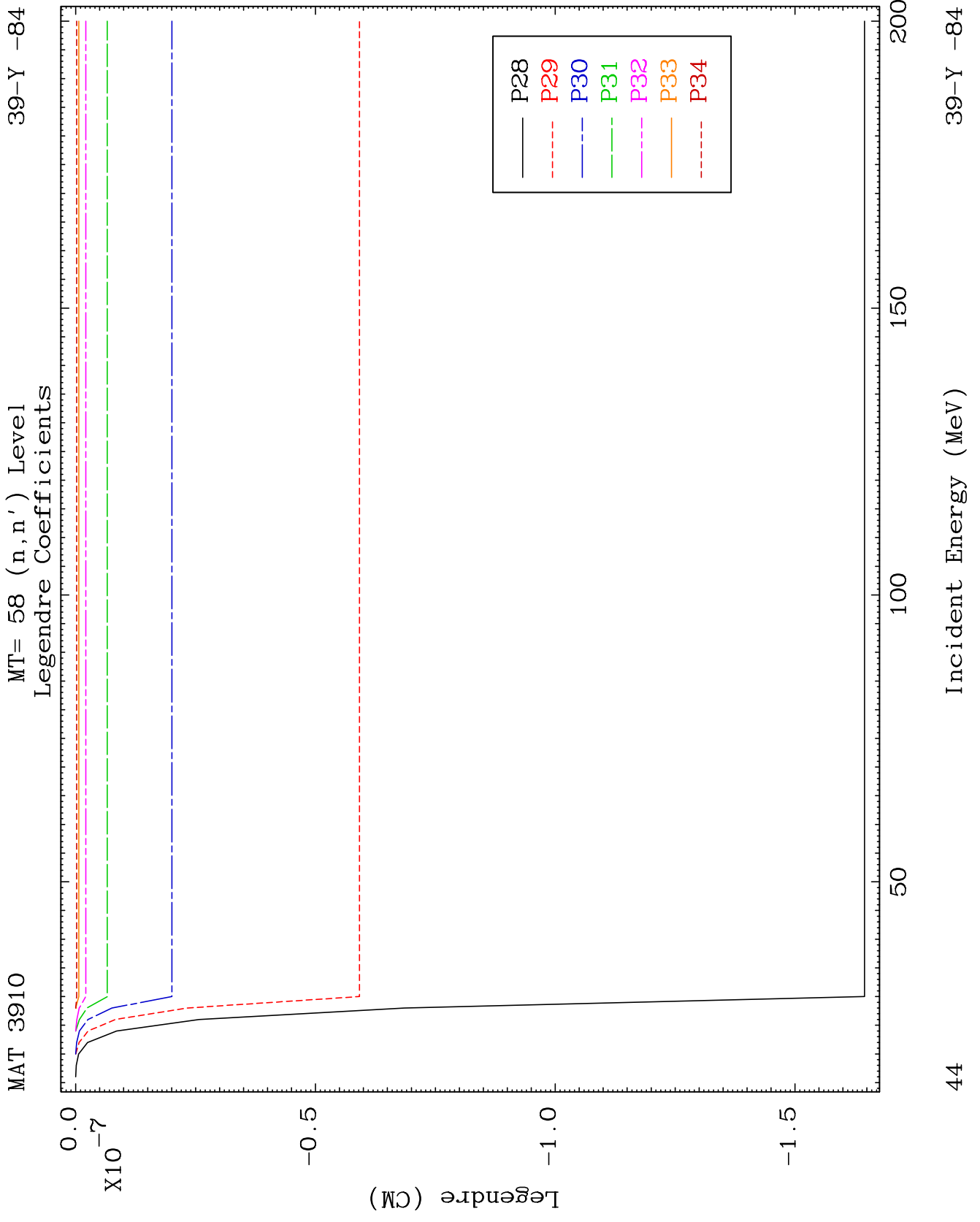
39-Y -84



43

Incident Energy (MeV)

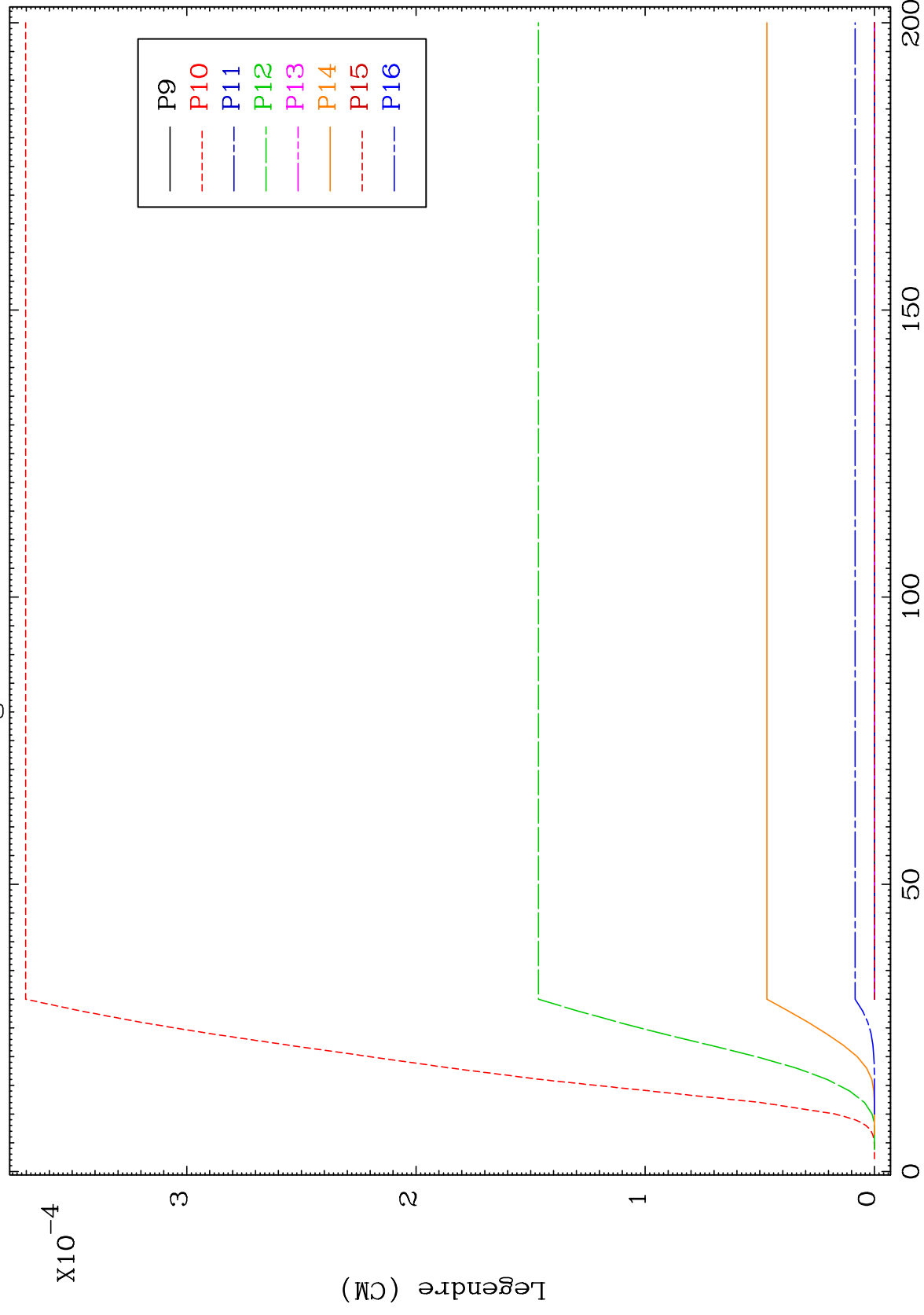
39-Y -84



MAT 3910

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

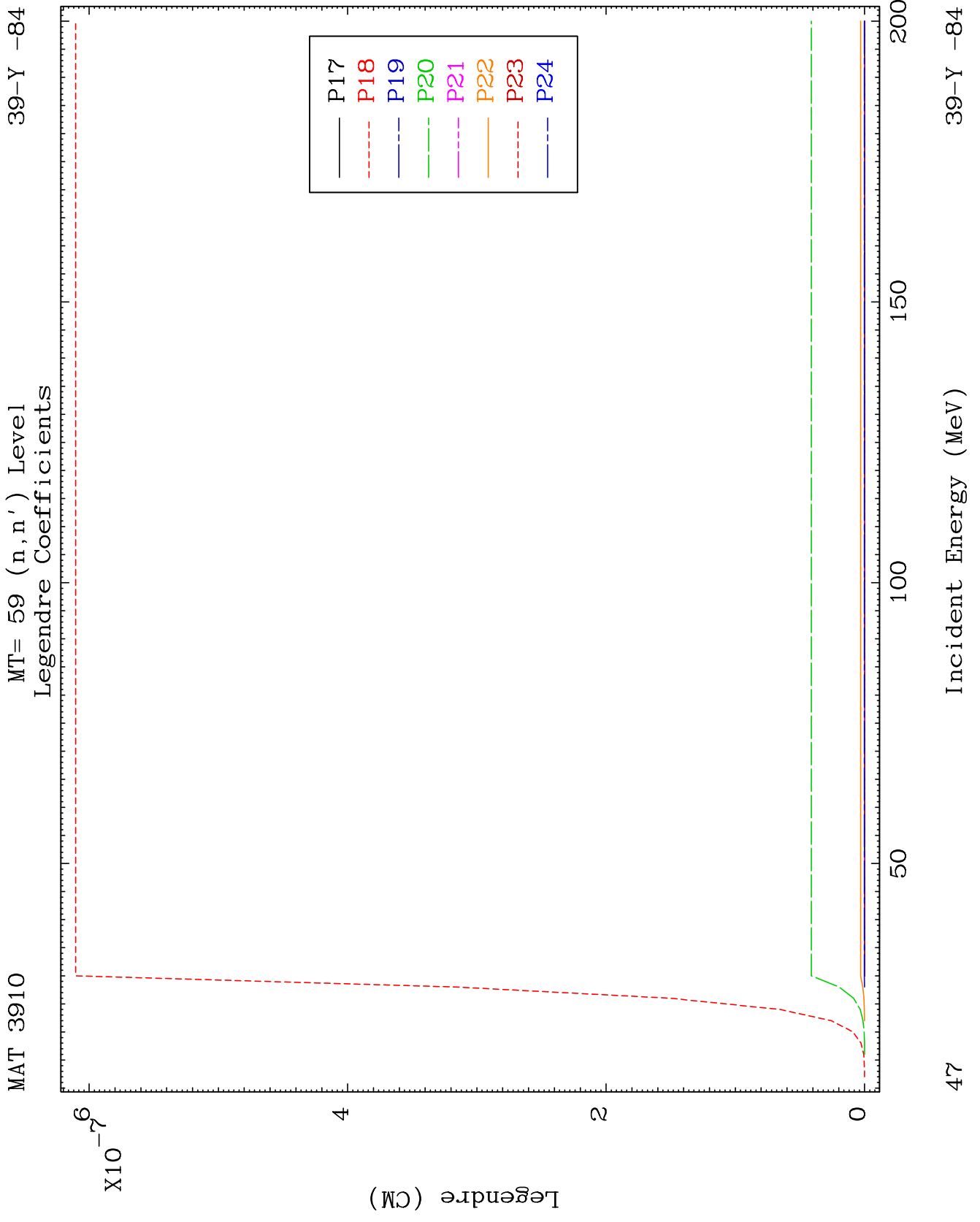
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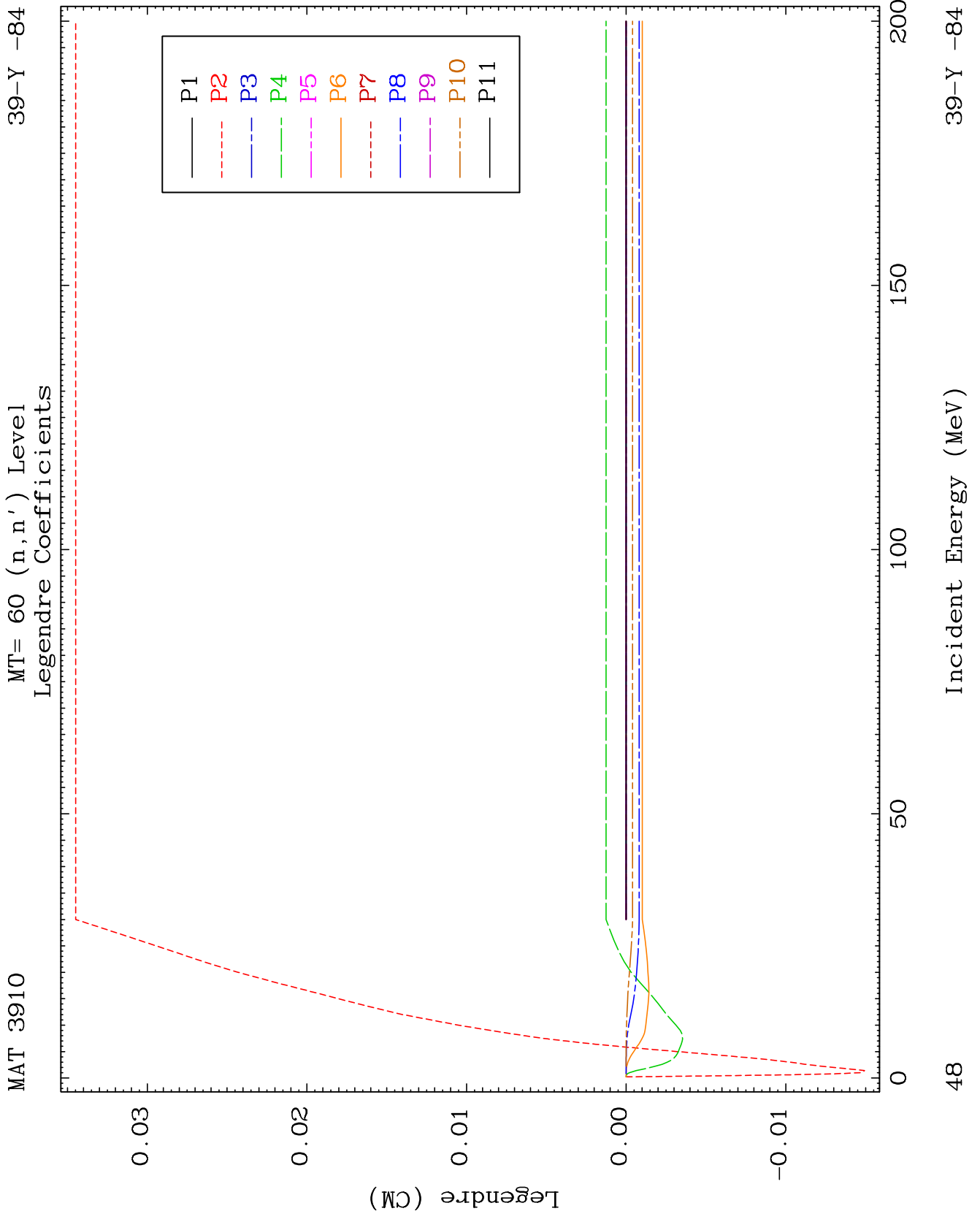


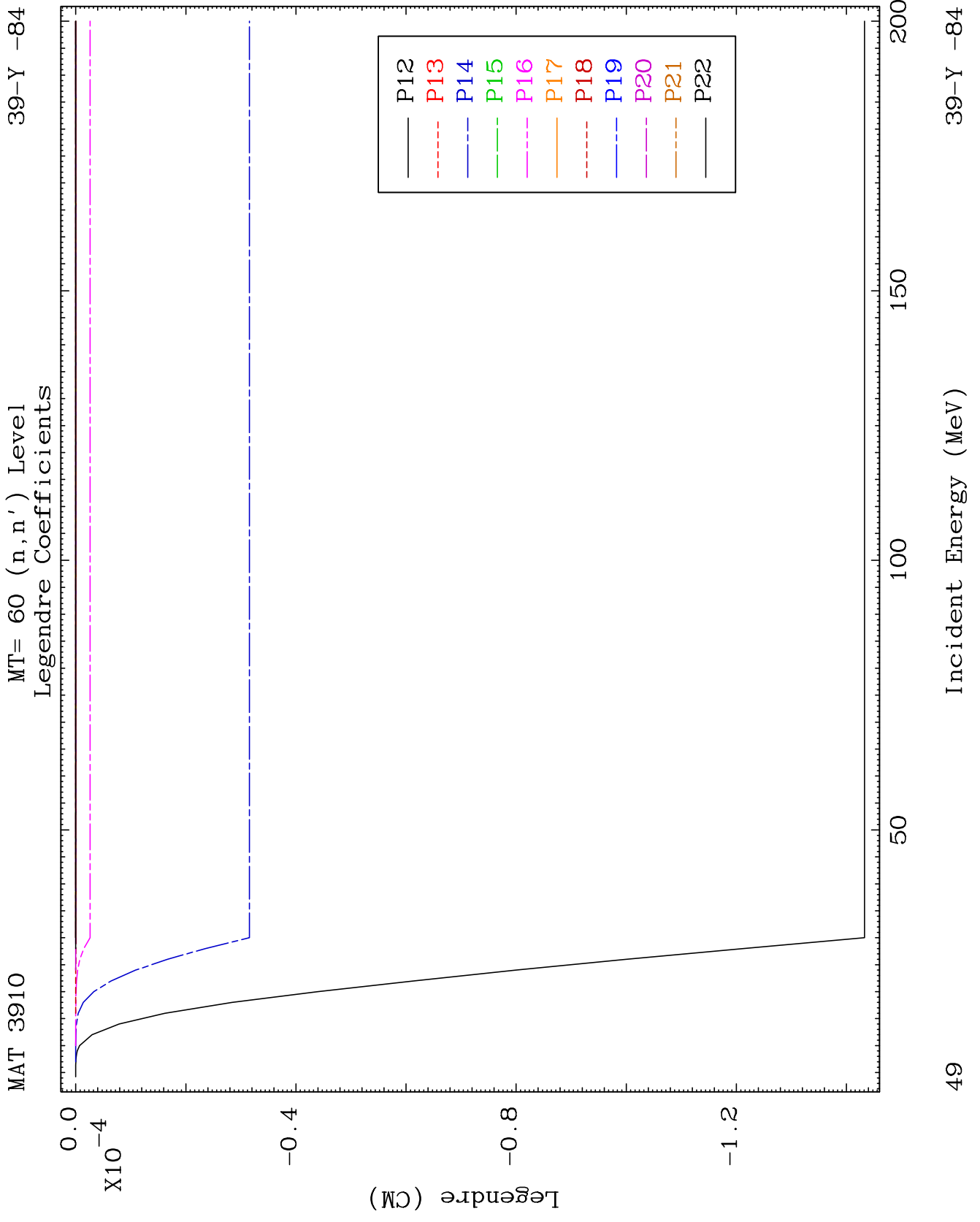
46

Incident Energy (MeV)

39-Y -84



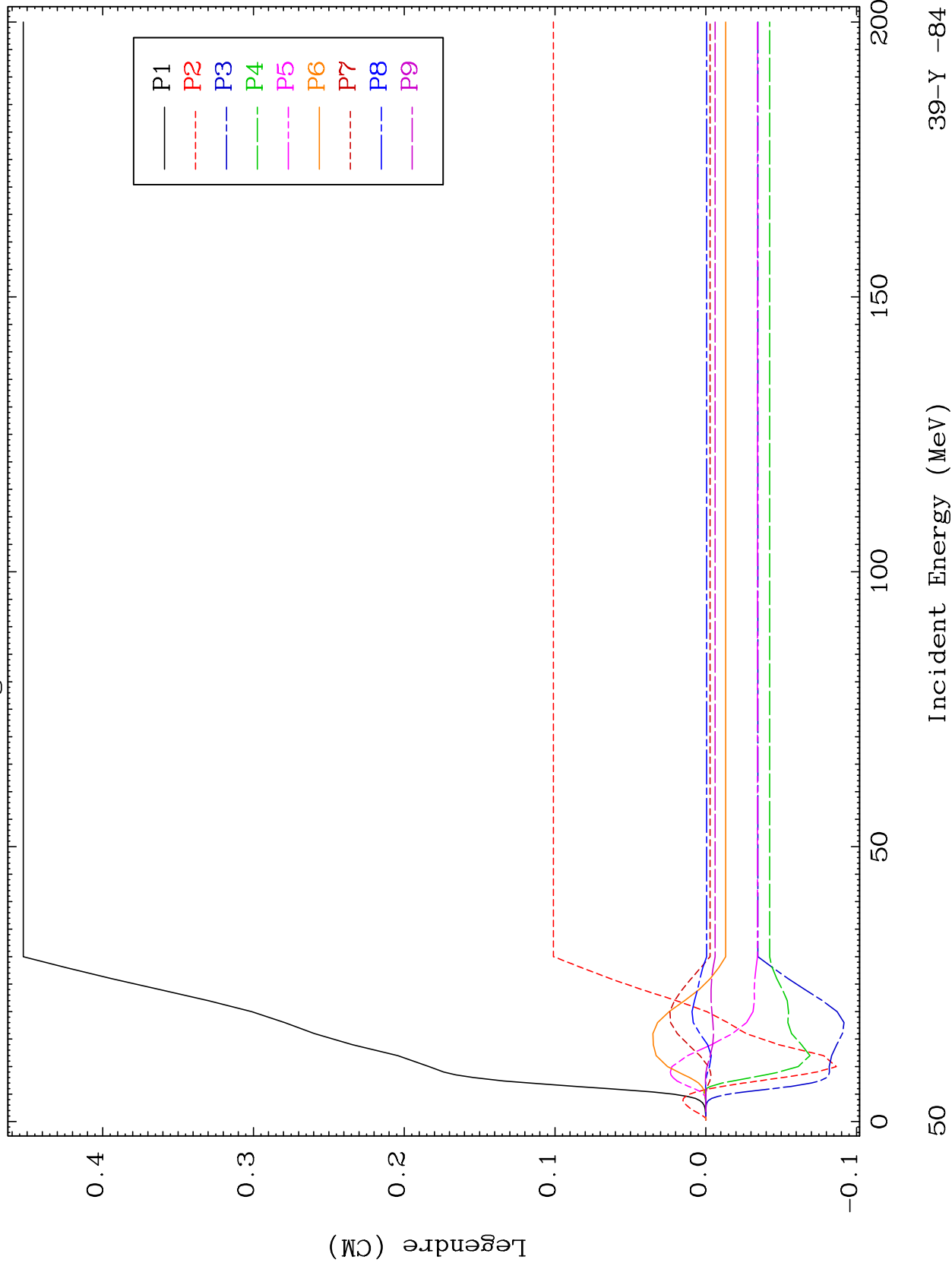




MAT 3910

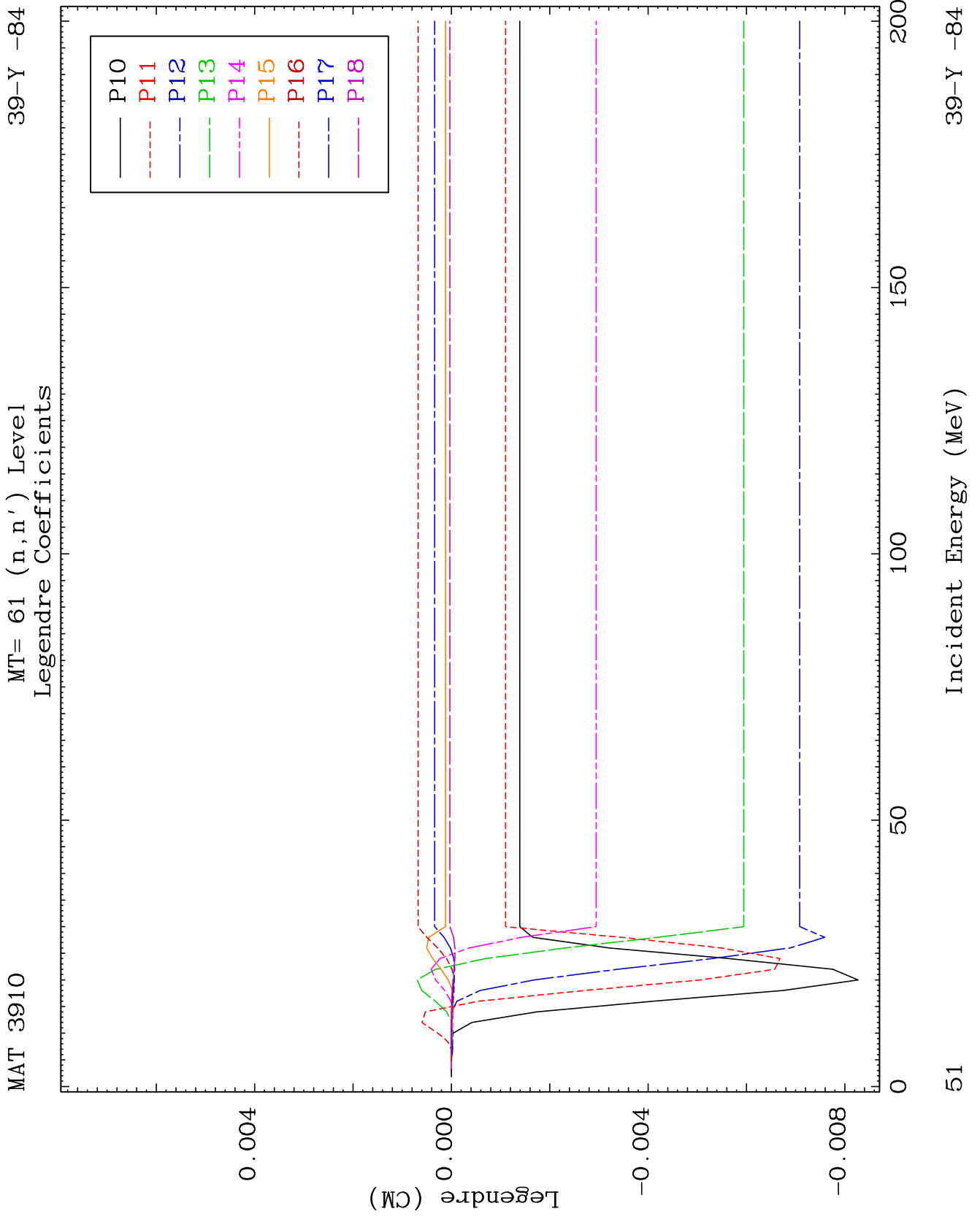
MT= 61 (n,n') Level
Legendre Coefficients

39-Y -84



39-Y -84

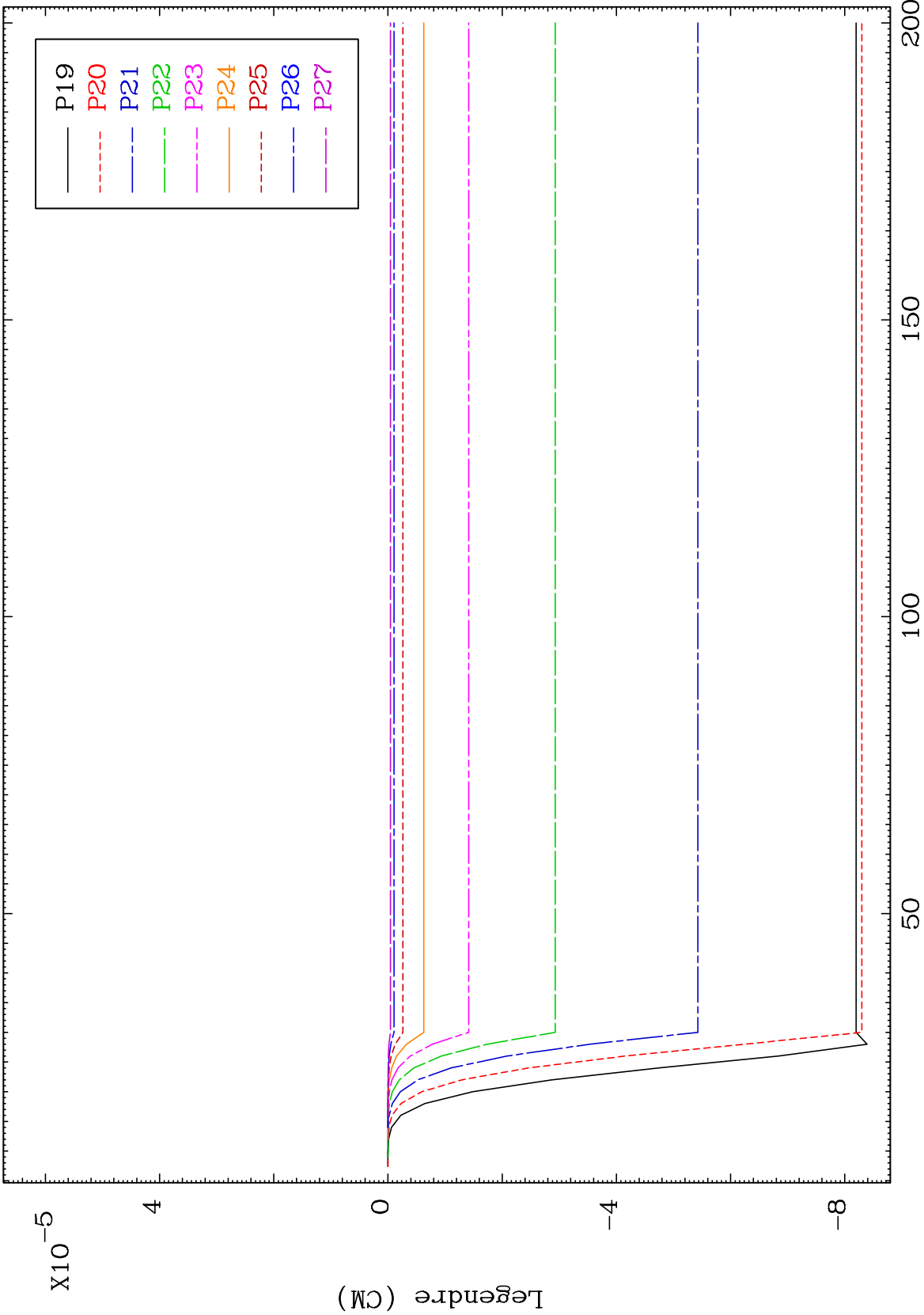
Incident Energy (MeV)



MAT 3910

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

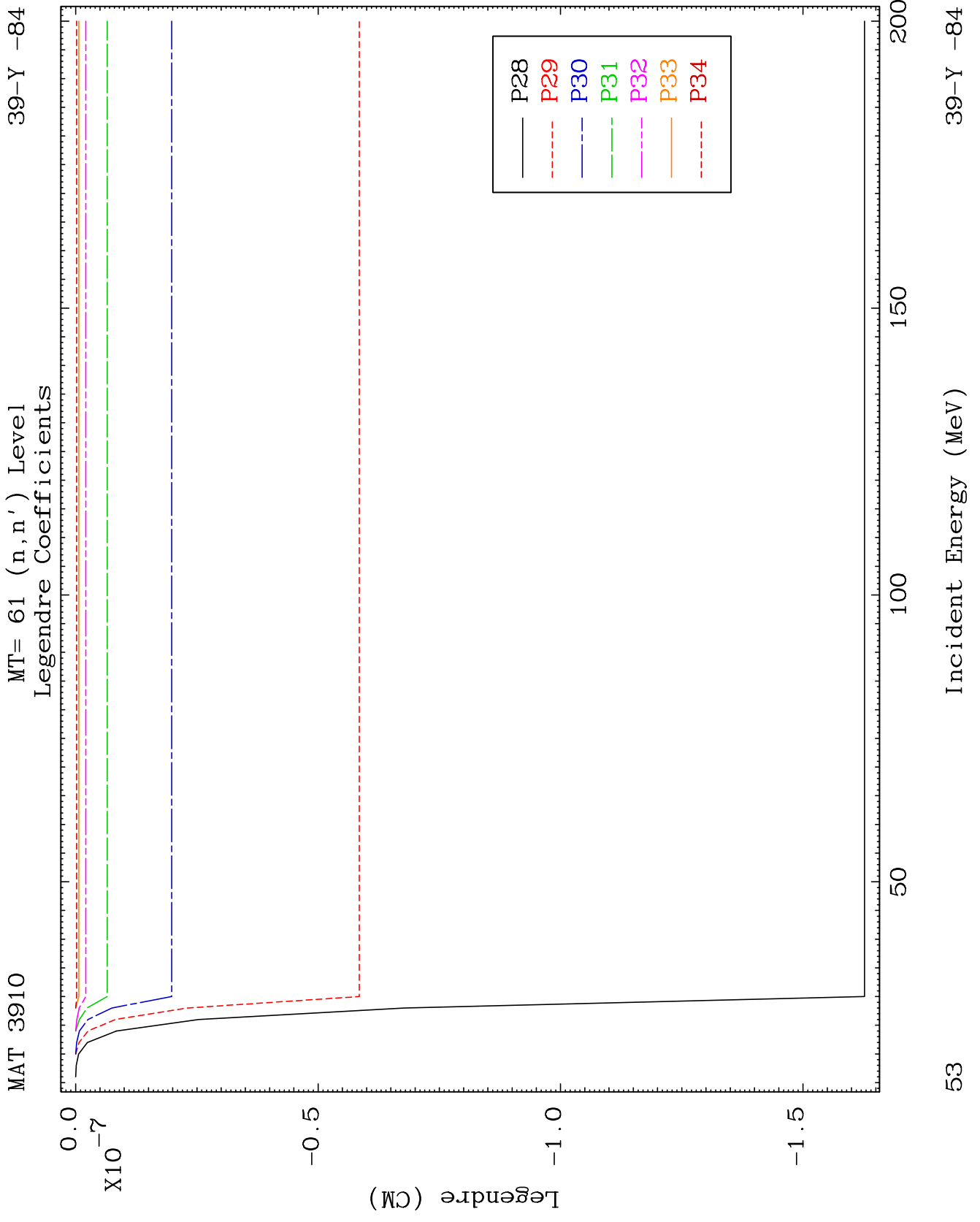
39-Y -84



52

Incident Energy (MeV)

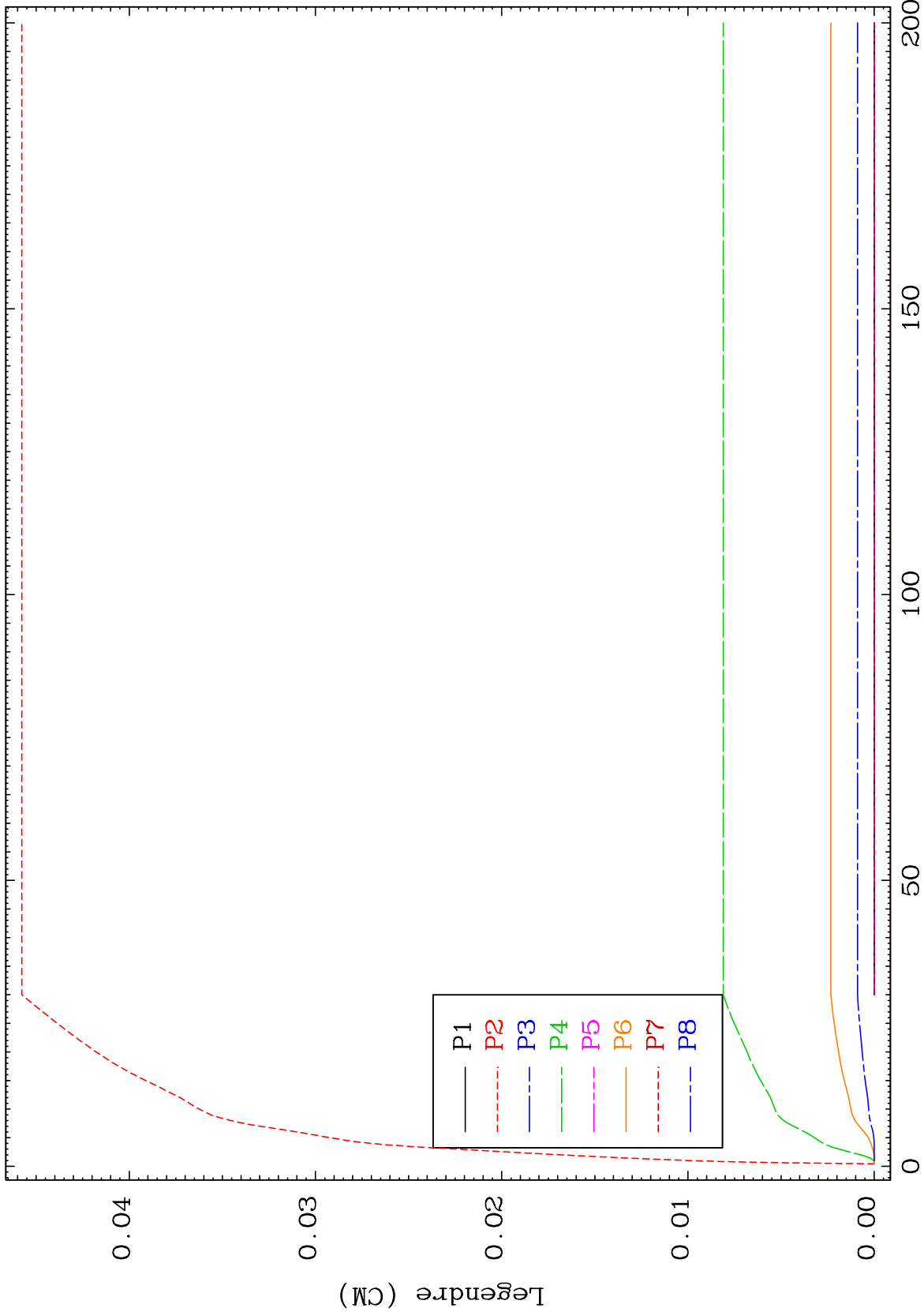
39-Y -84



MAT 3910

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

39-Y -84



54

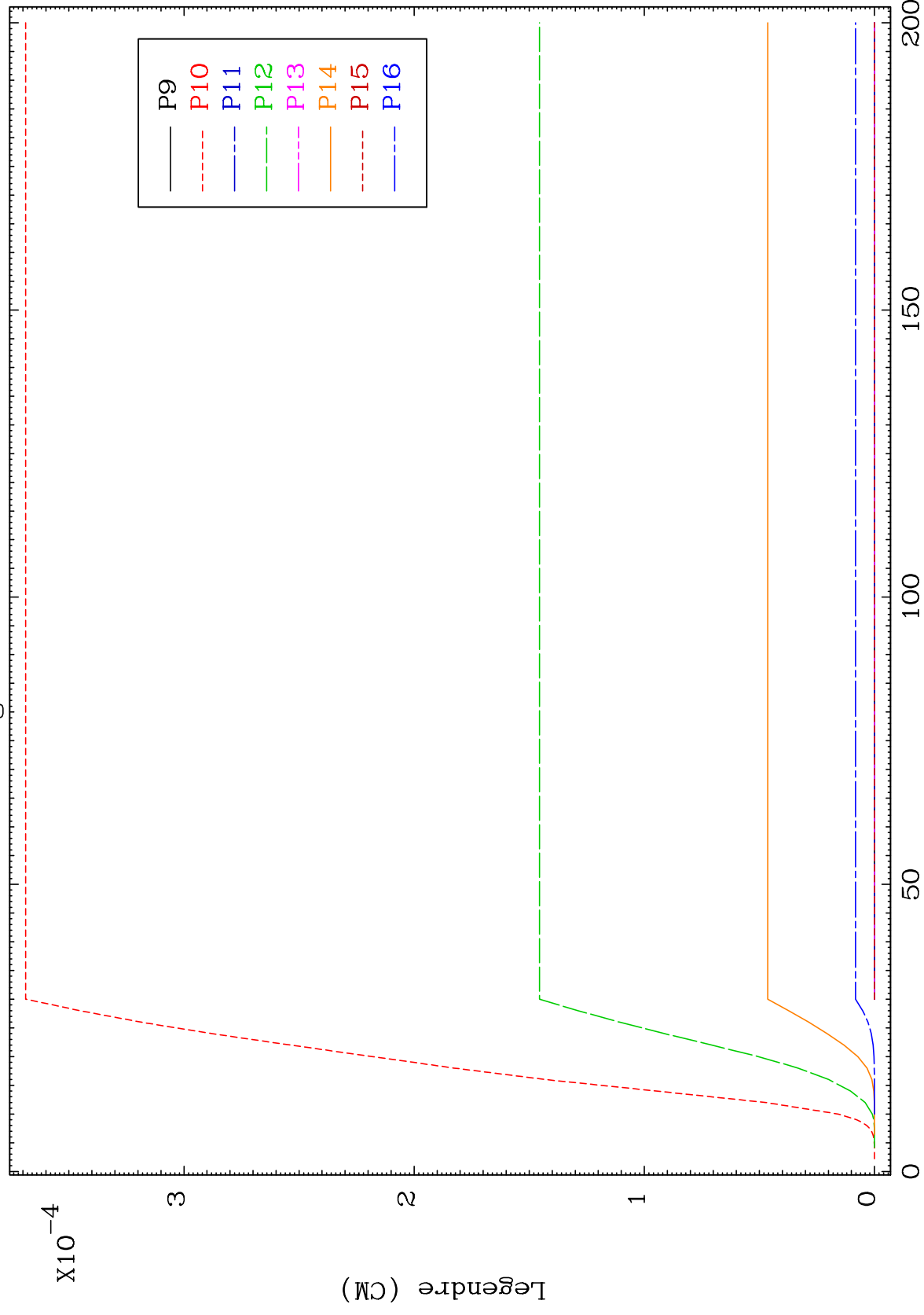
Incident Energy (MeV)

39-Y -84

MAT 3910

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

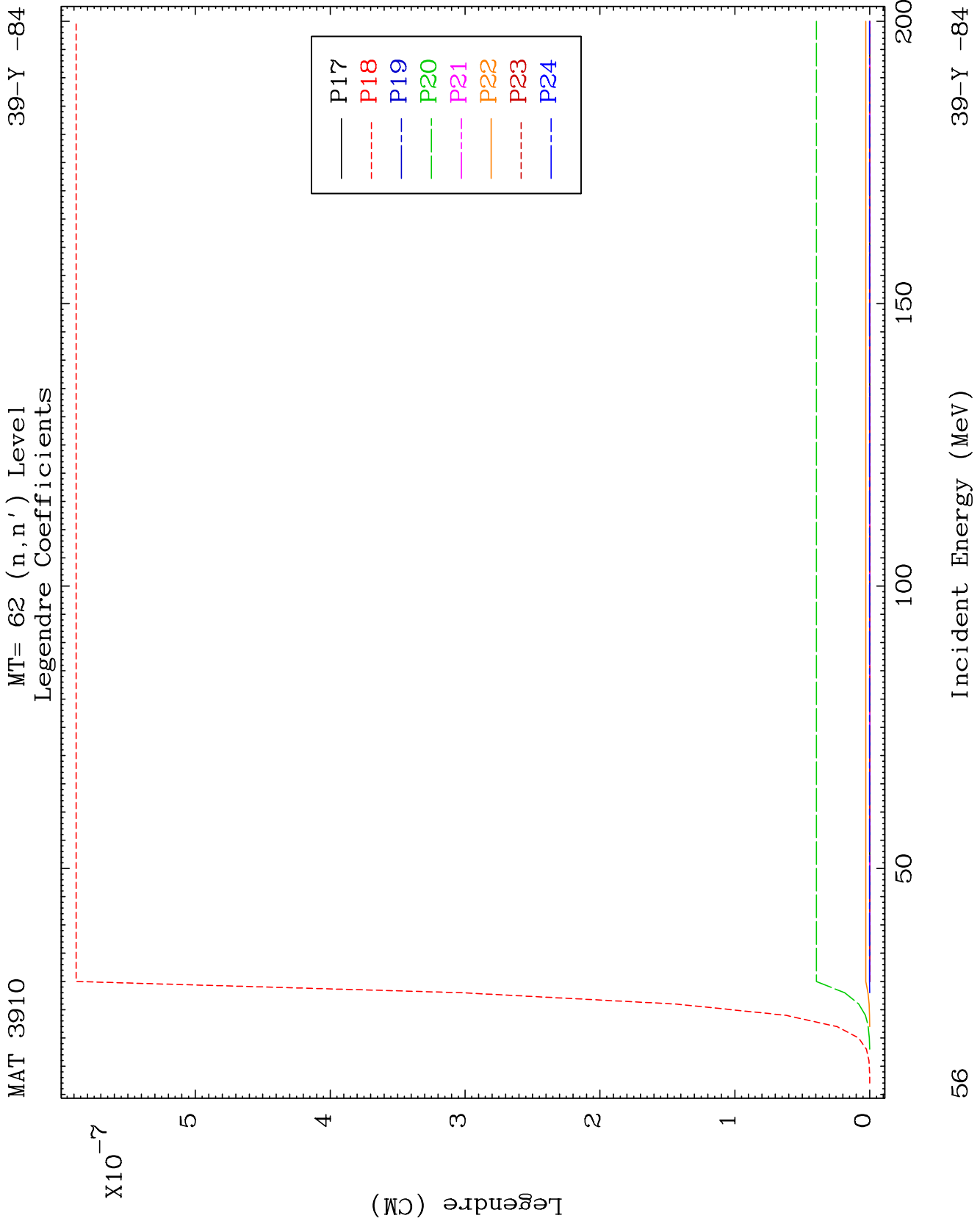
39-Y -84



55

Incident Energy (MeV)

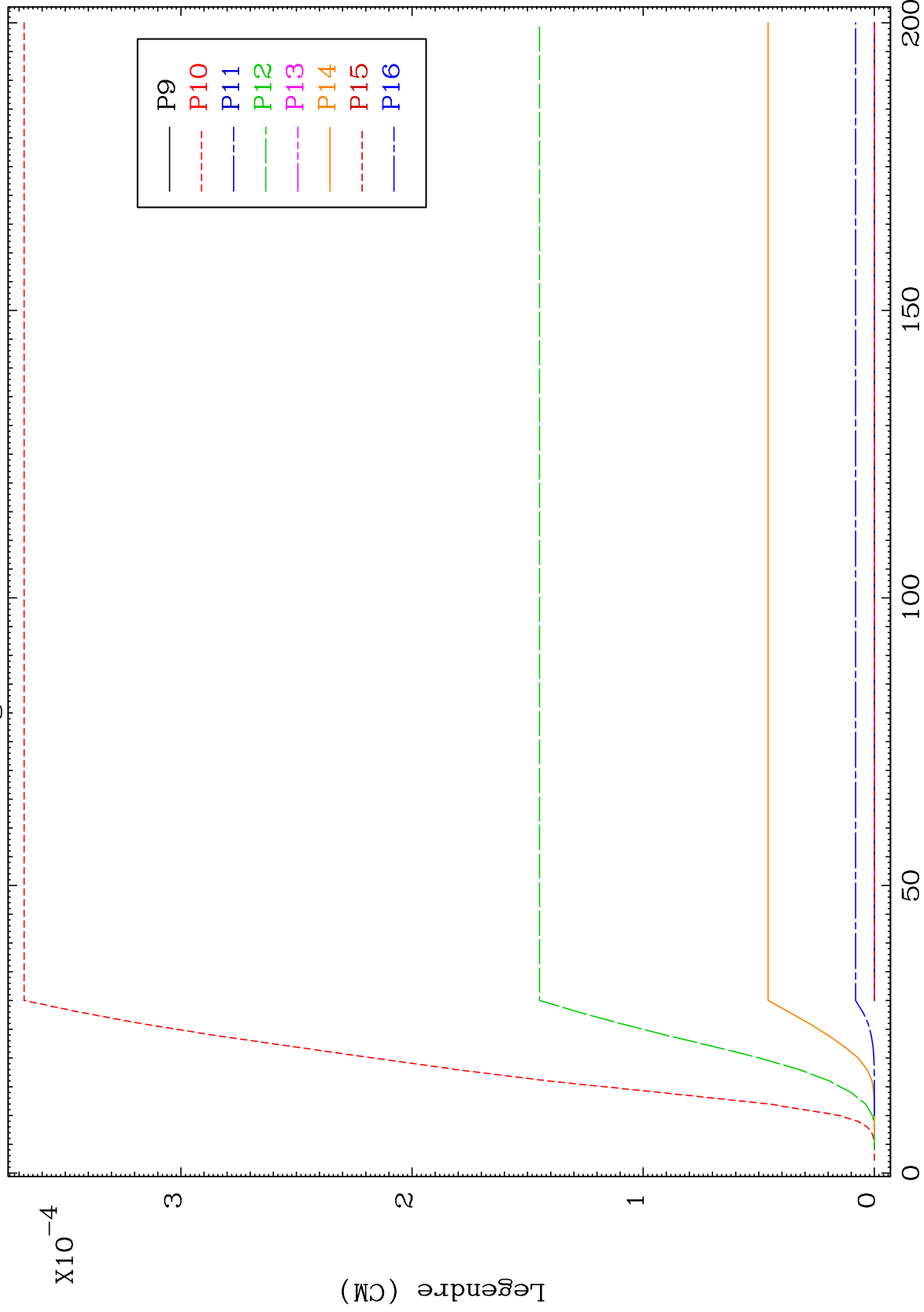
39-Y -84



MAT 3910

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

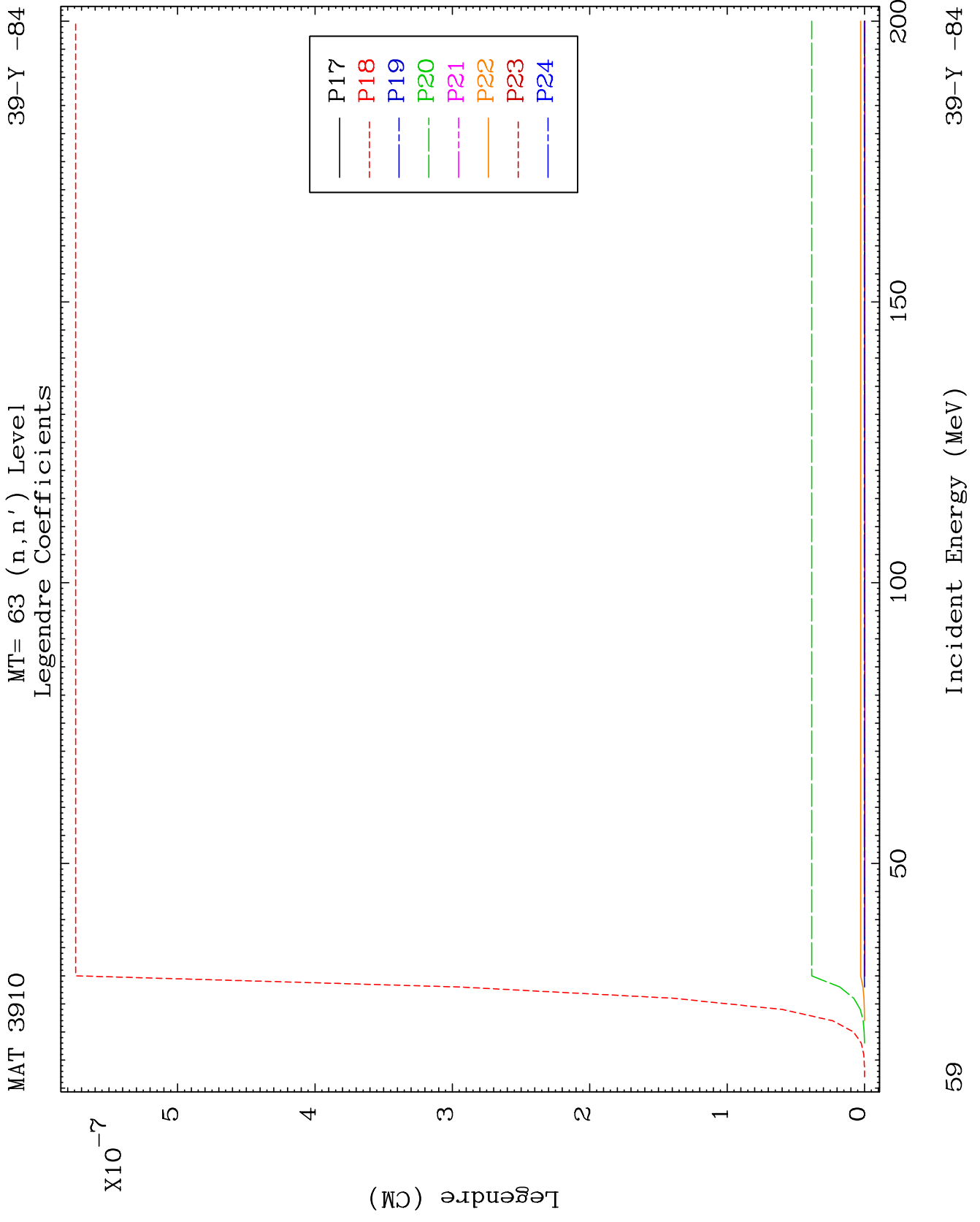
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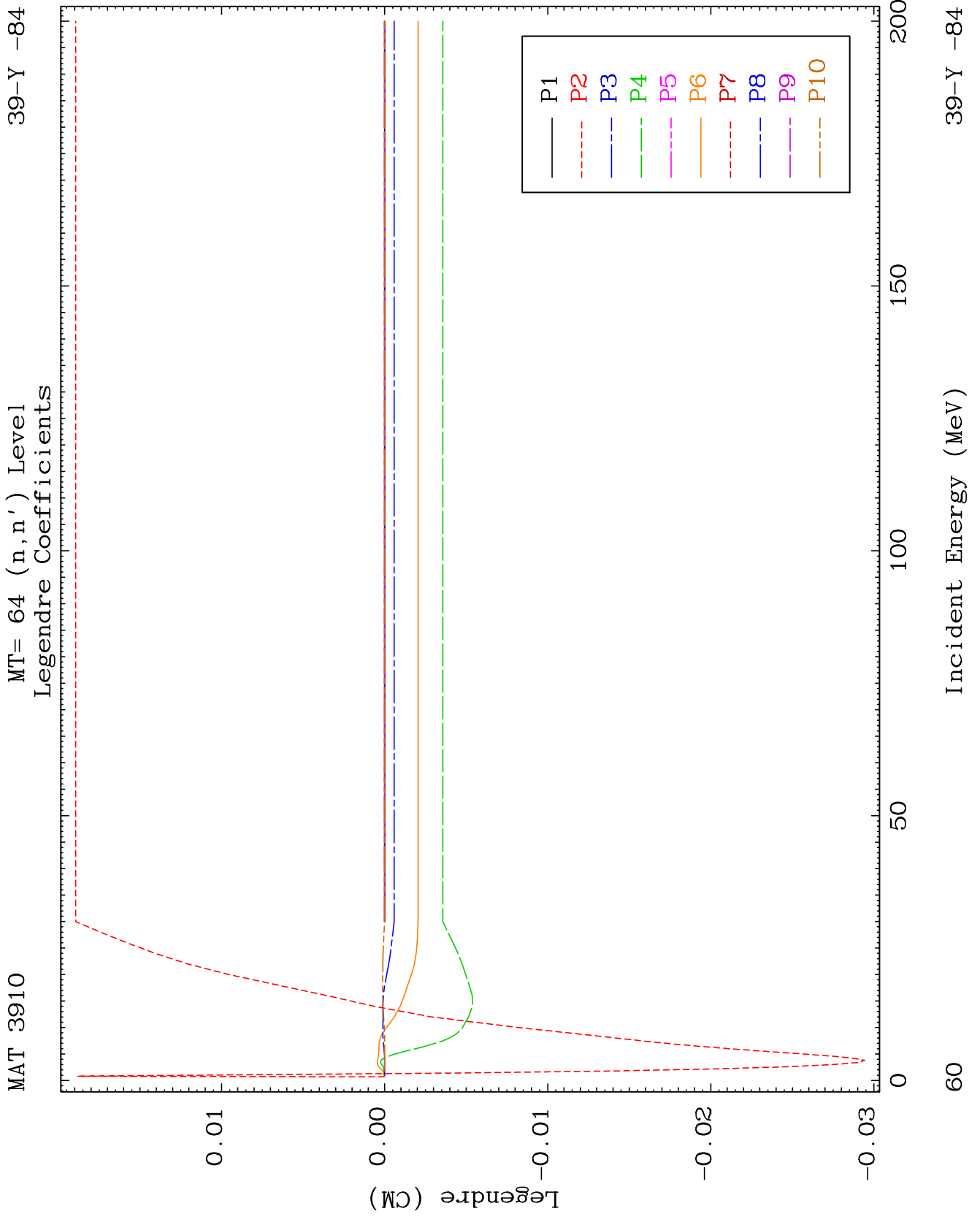


58

Incident Energy (MeV)

39-Y -84

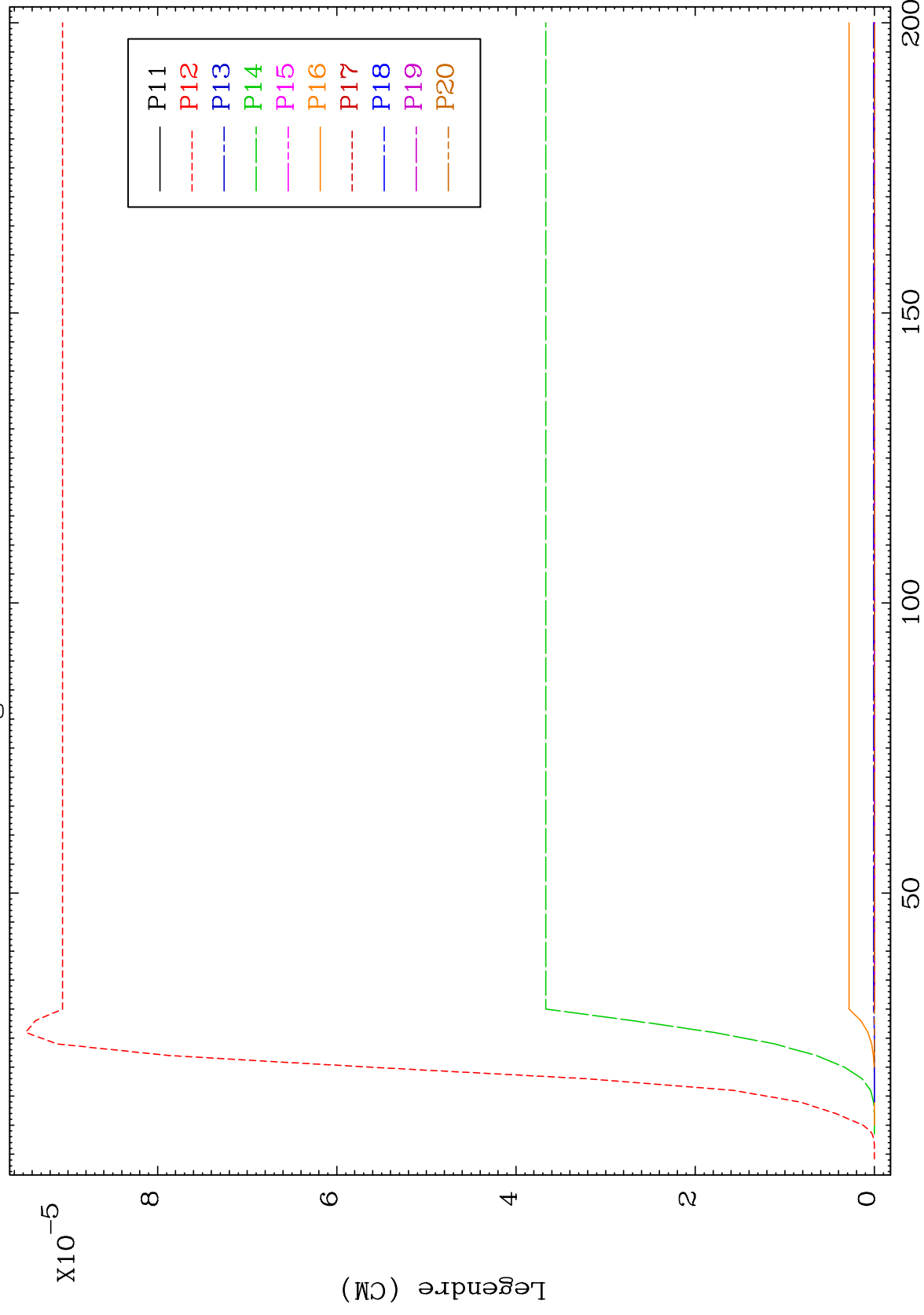




MAT 3910

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

39-Y -84



61

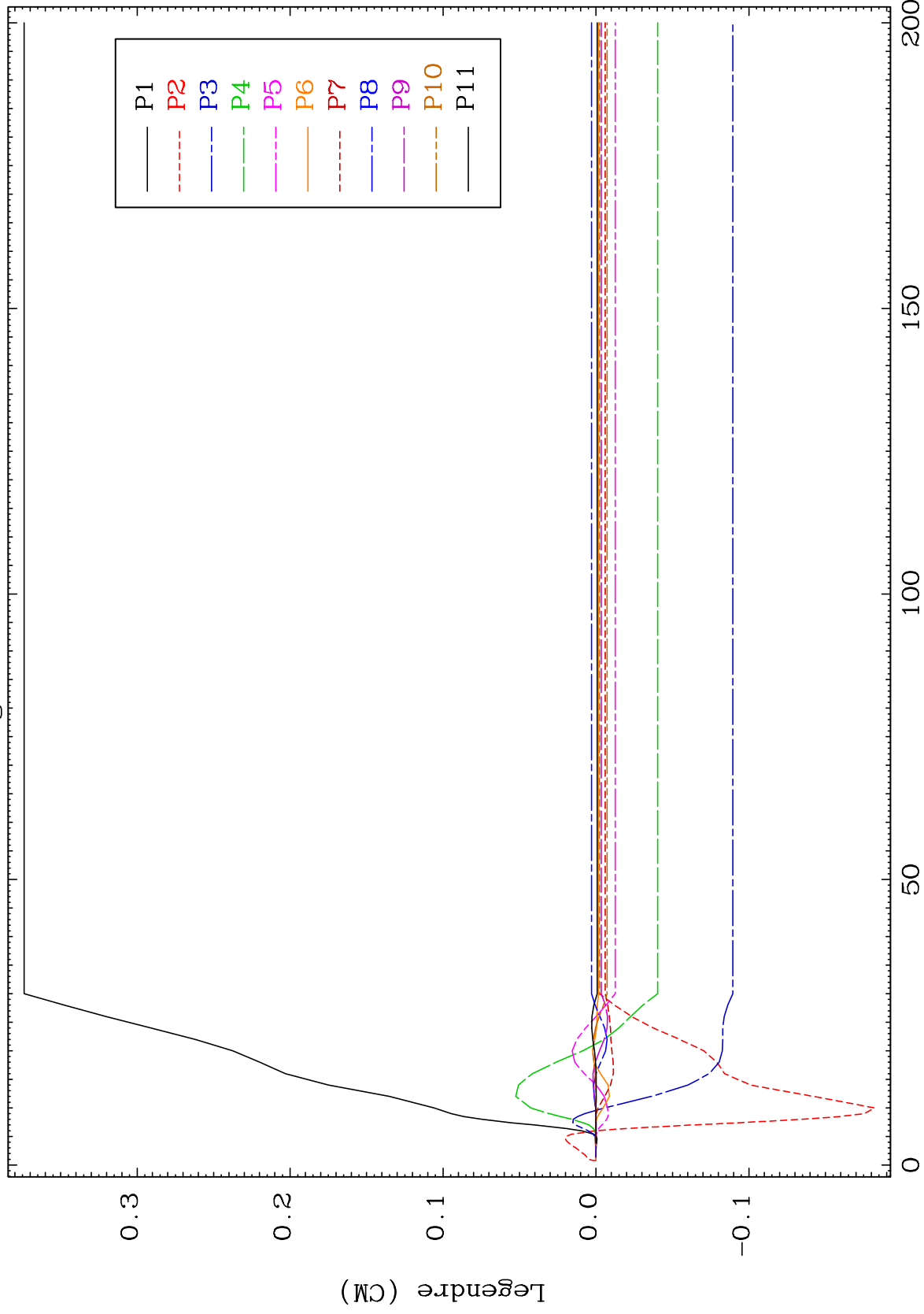
Incident Energy (MeV)

39-Y -84

MAT 3910

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

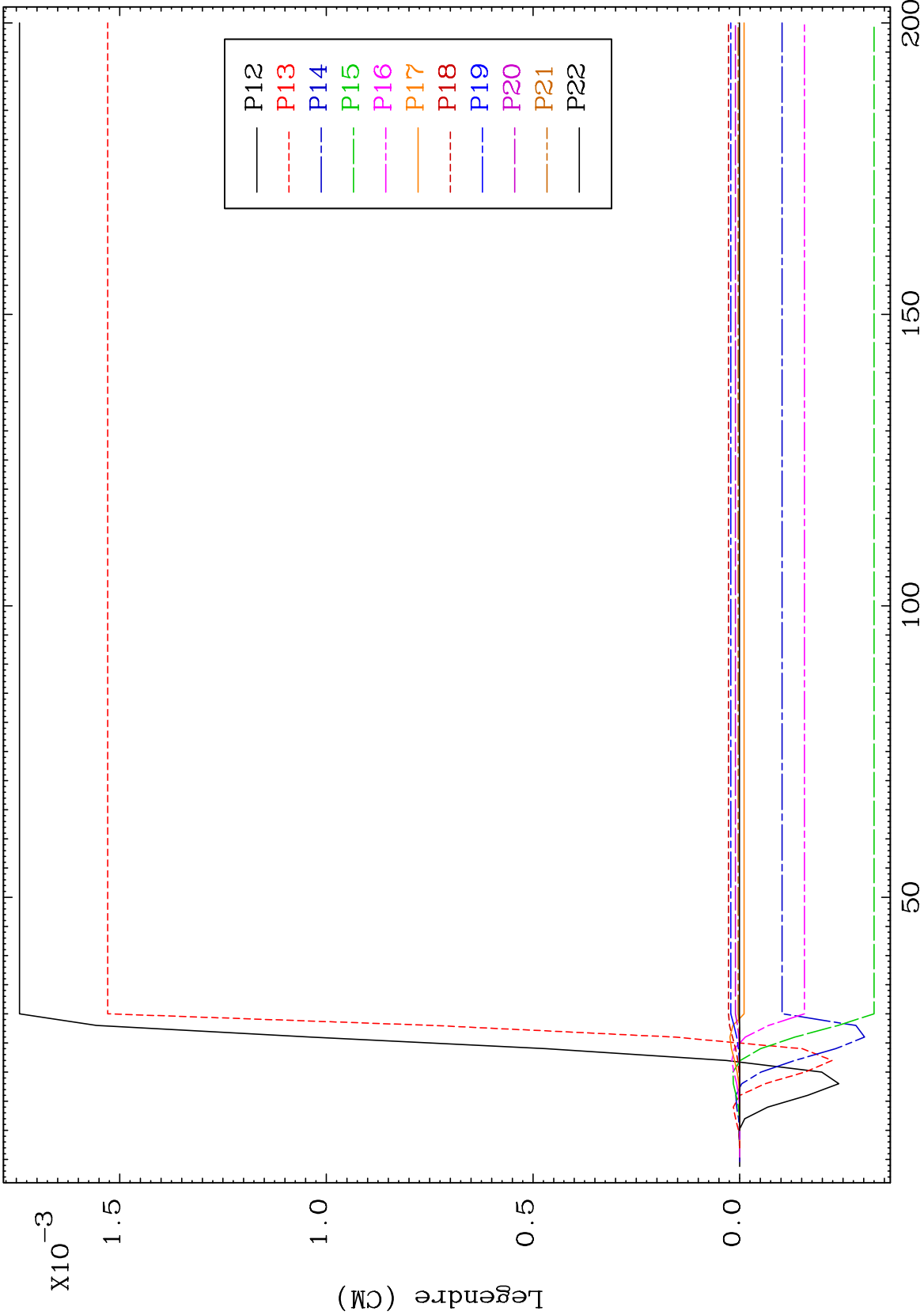
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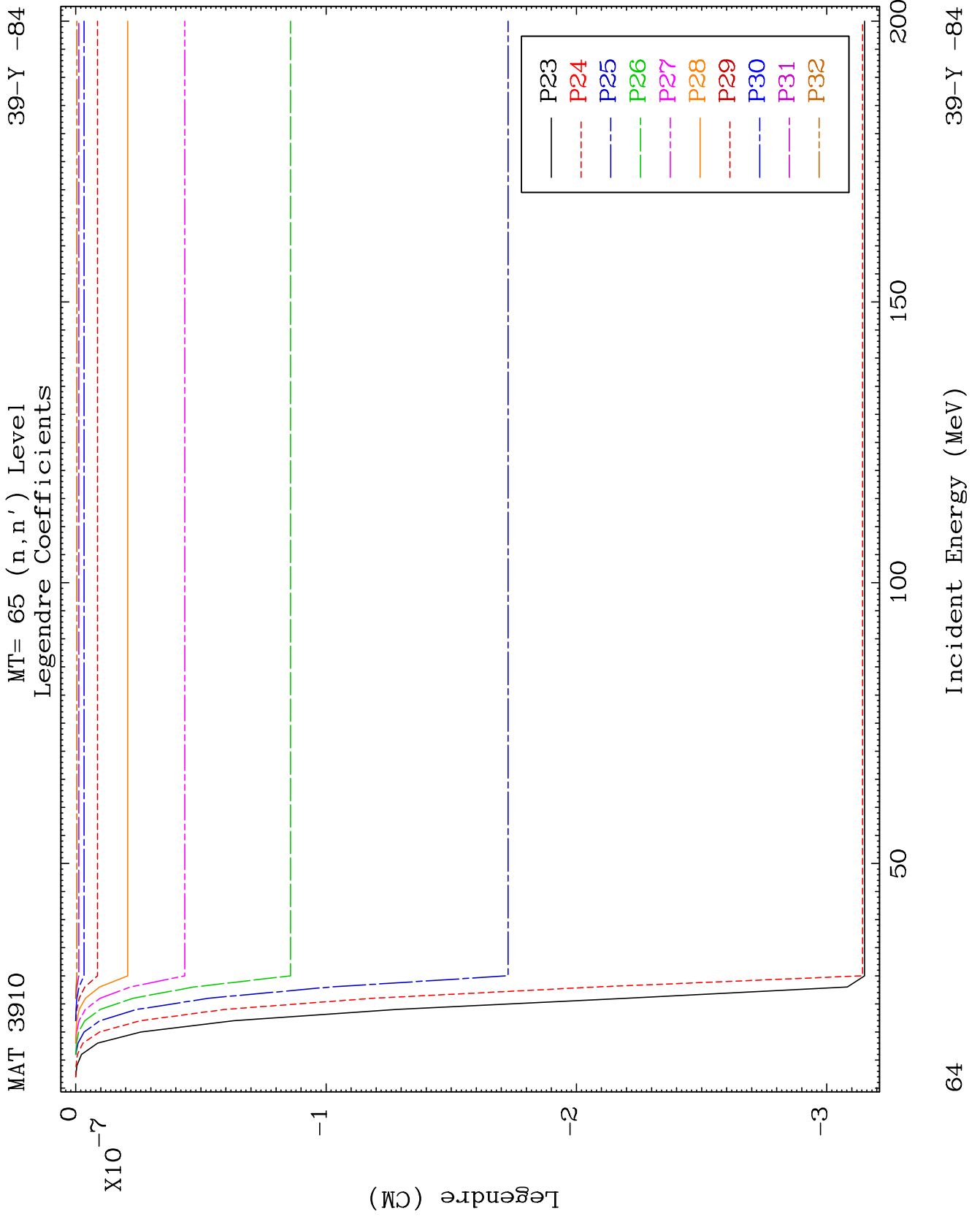


62

Incident Energy (MeV)

39-Y -84

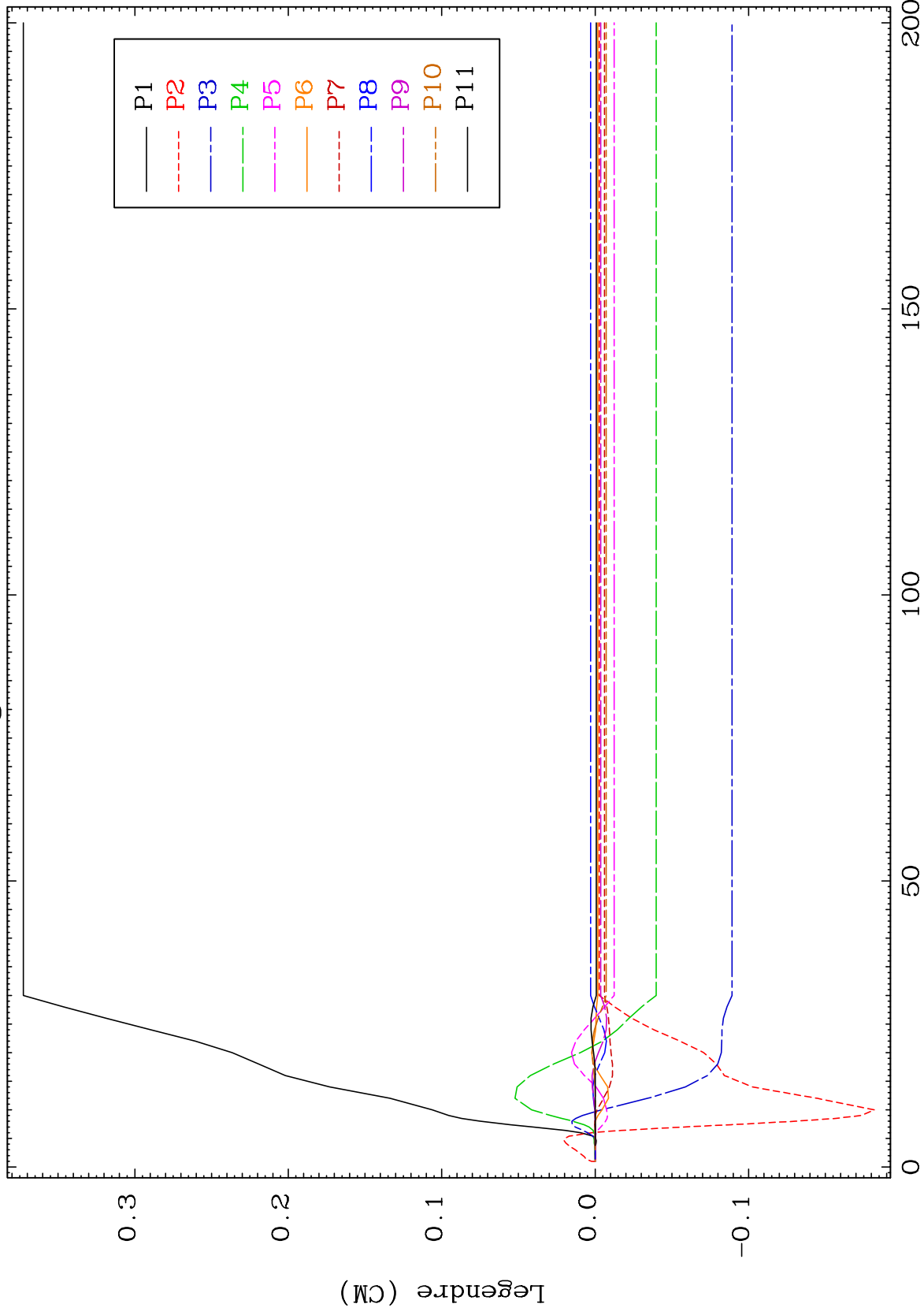




MAT 3910

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

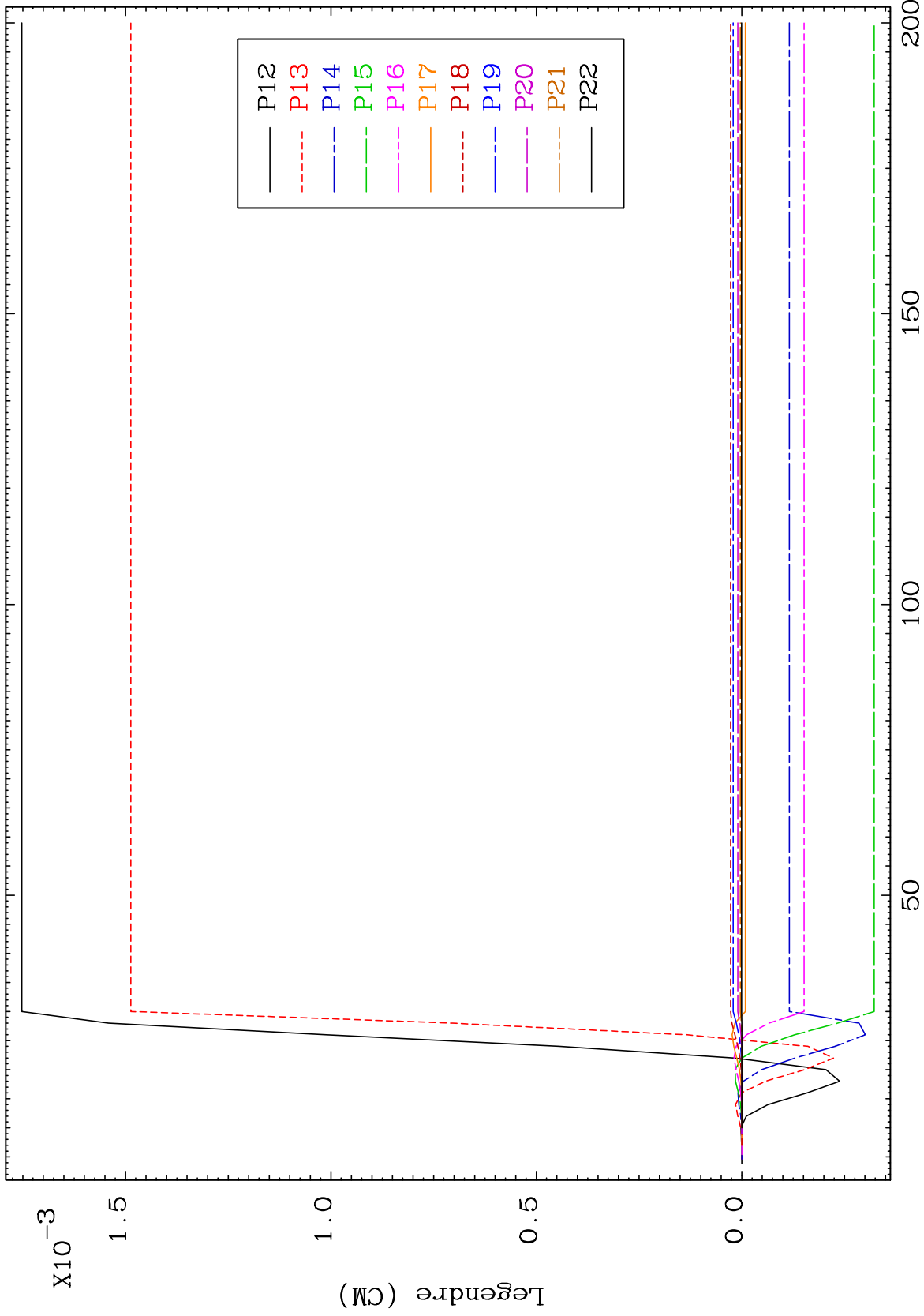
39-Y -84

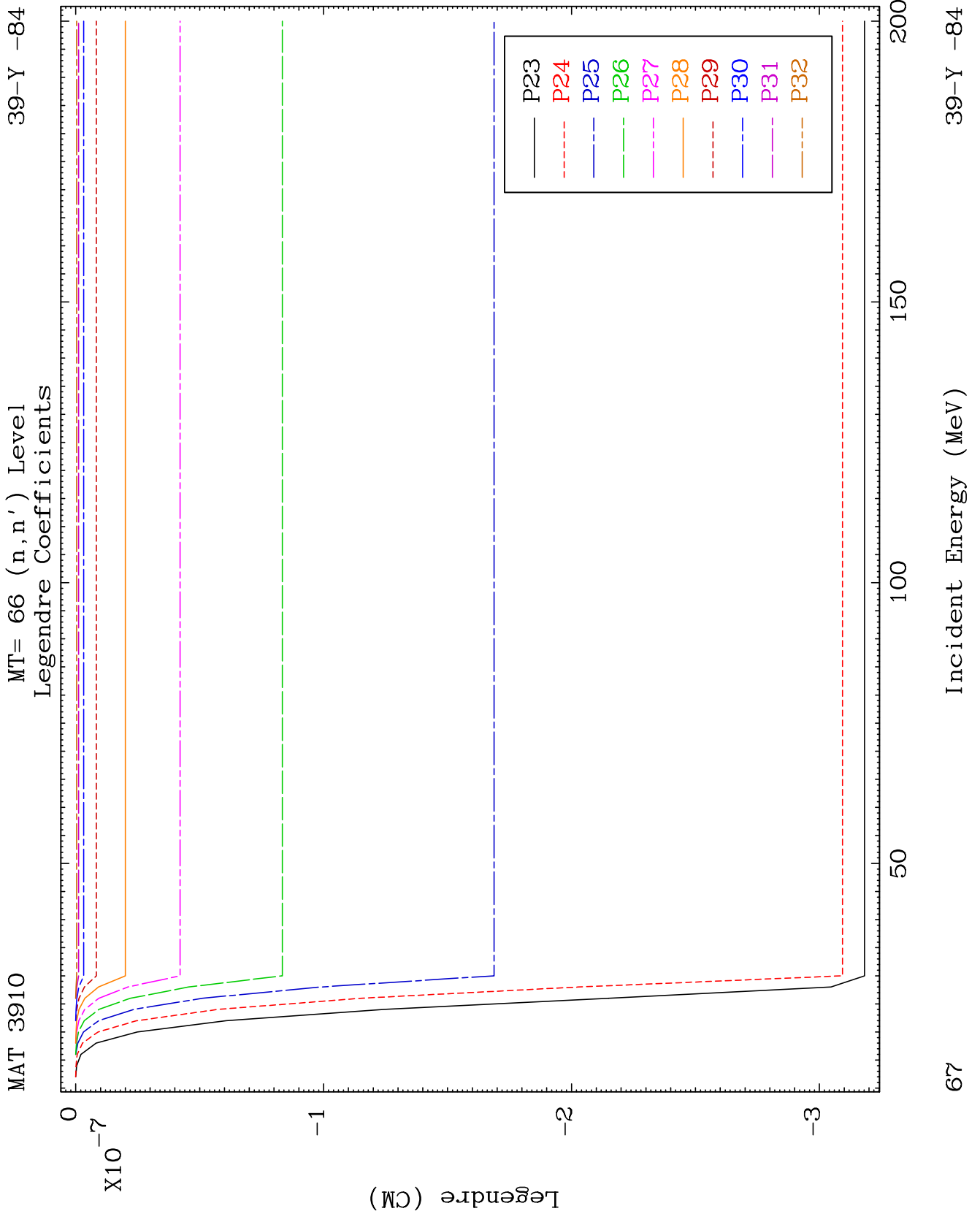


39-Y -84

Incident Energy (MeV)

65

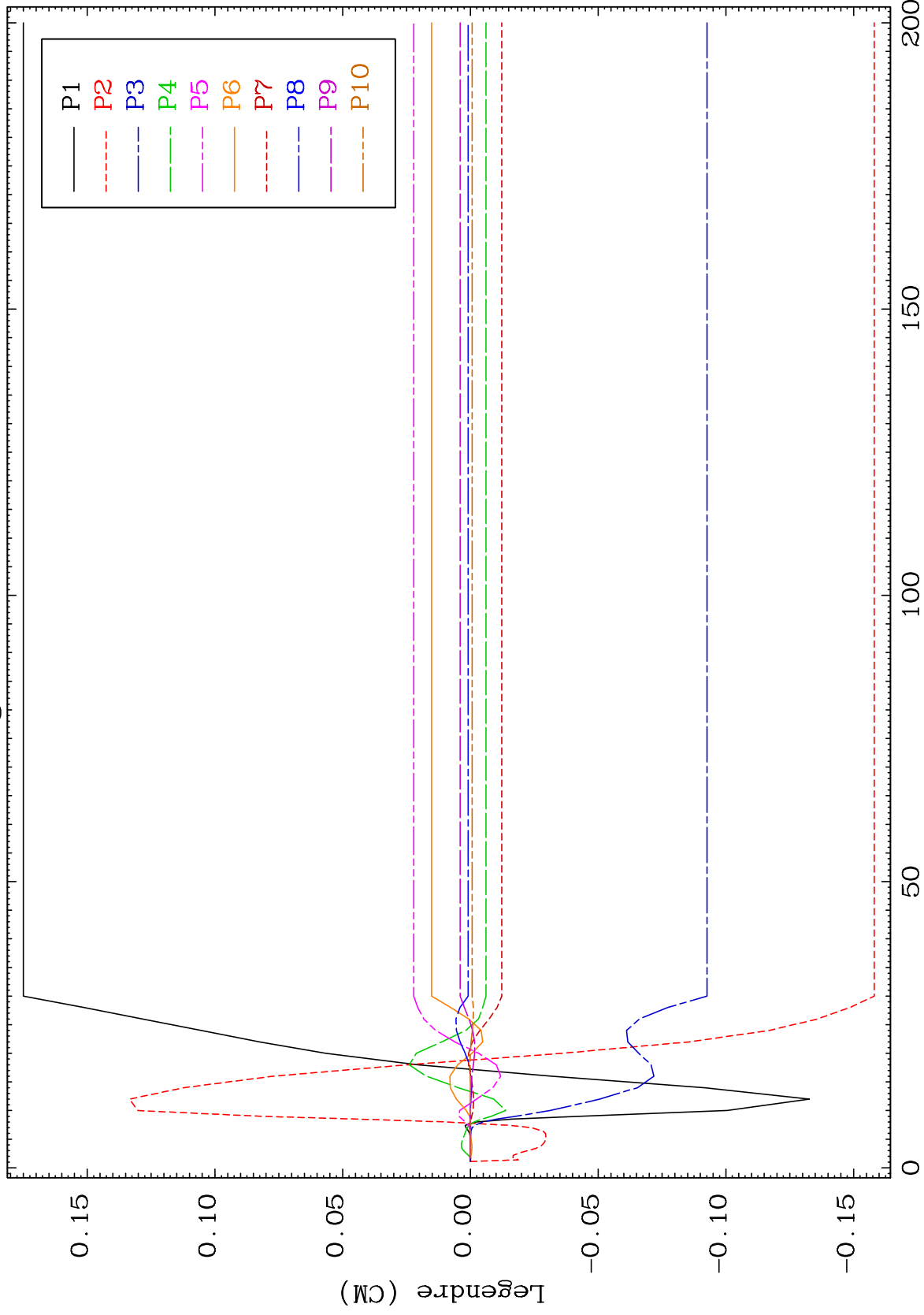




MAT 3910

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

39-Y -84



68

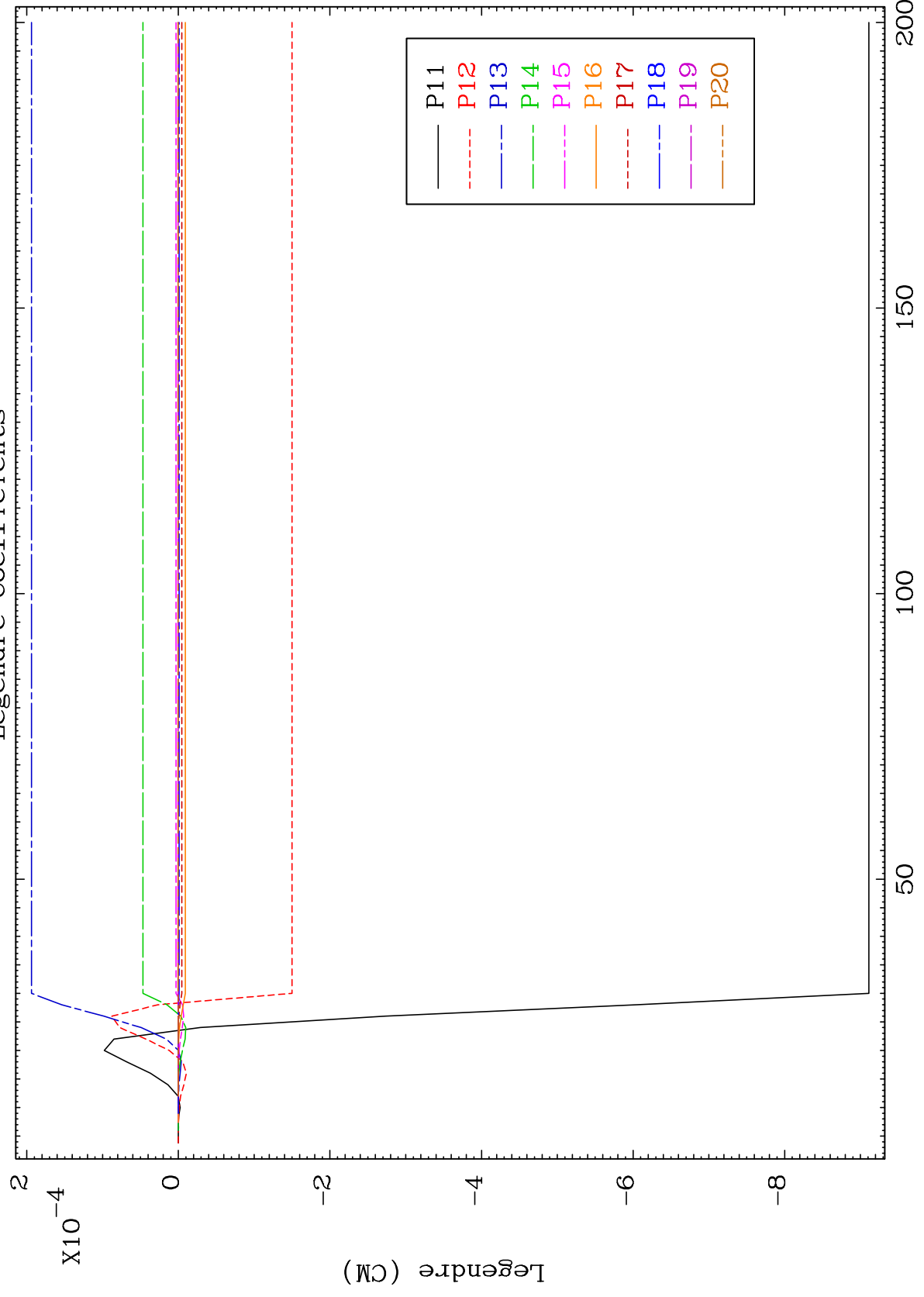
Incident Energy (MeV)

39-Y -84

MAT 3910

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

39-Y -84



69

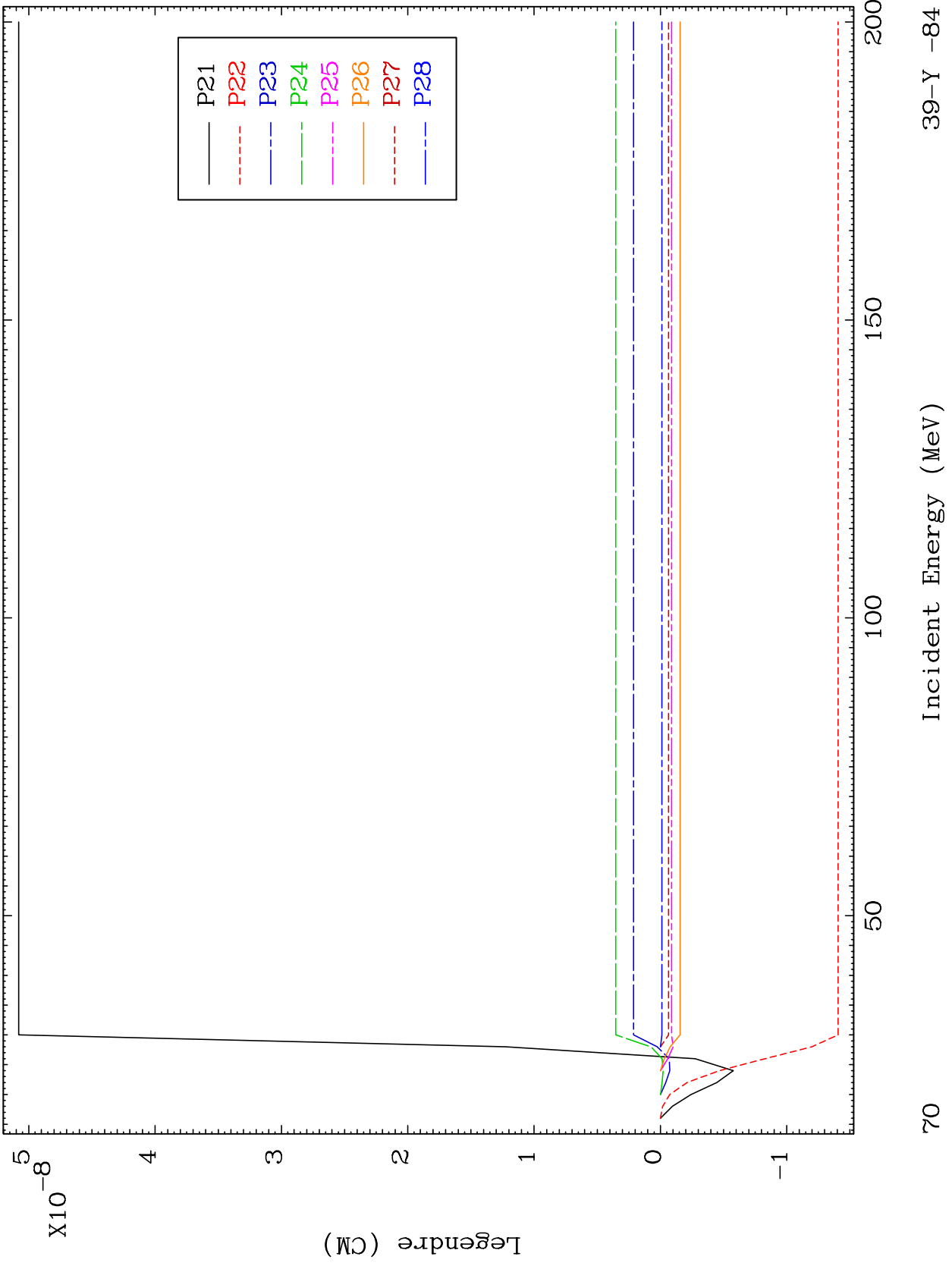
Incident Energy (MeV)

39-Y -84

MAT 3910

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

39-Y -84



70

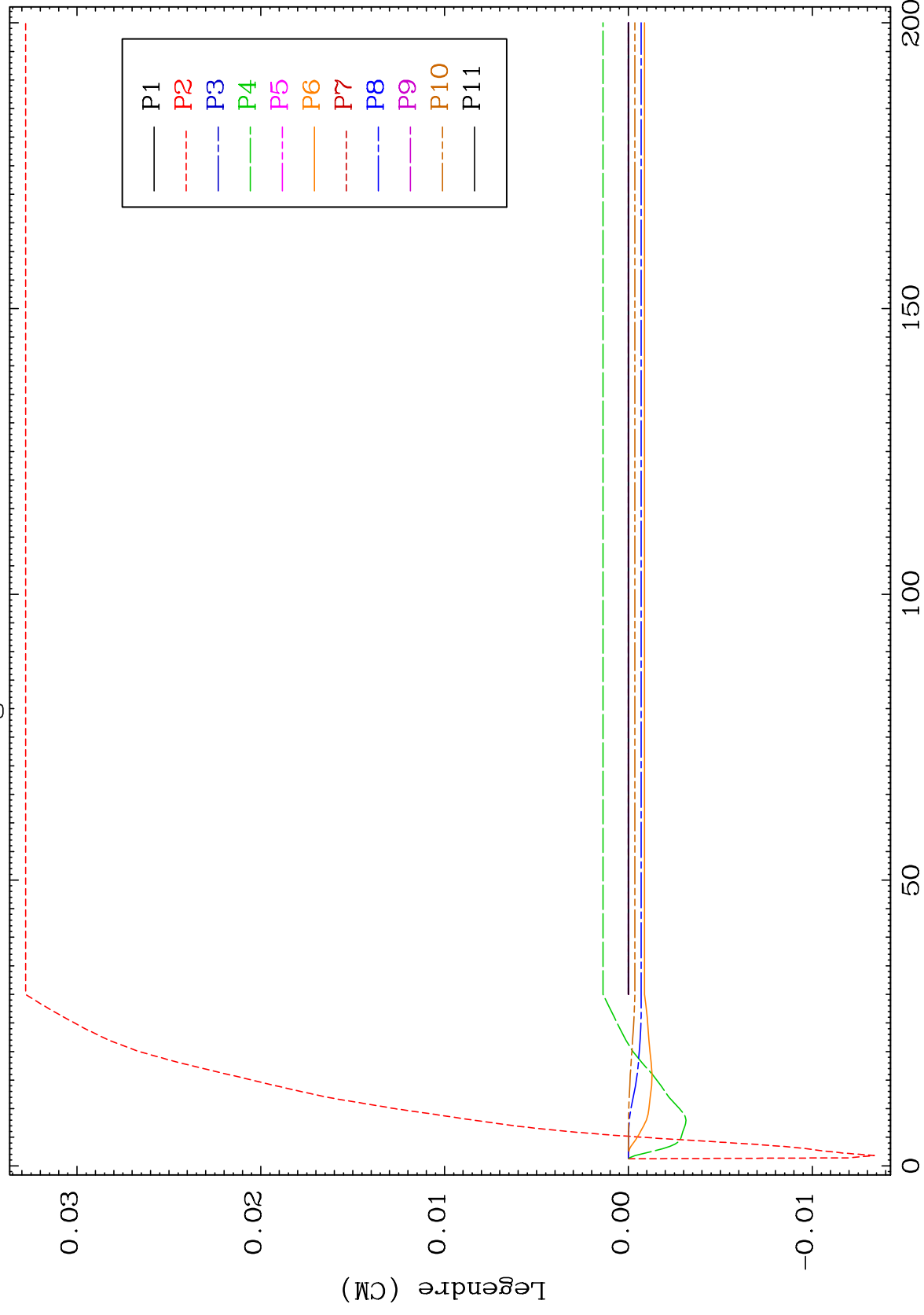
Incident Energy (MeV)

39-Y -84

MAT 3910

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

39-Y -84



71

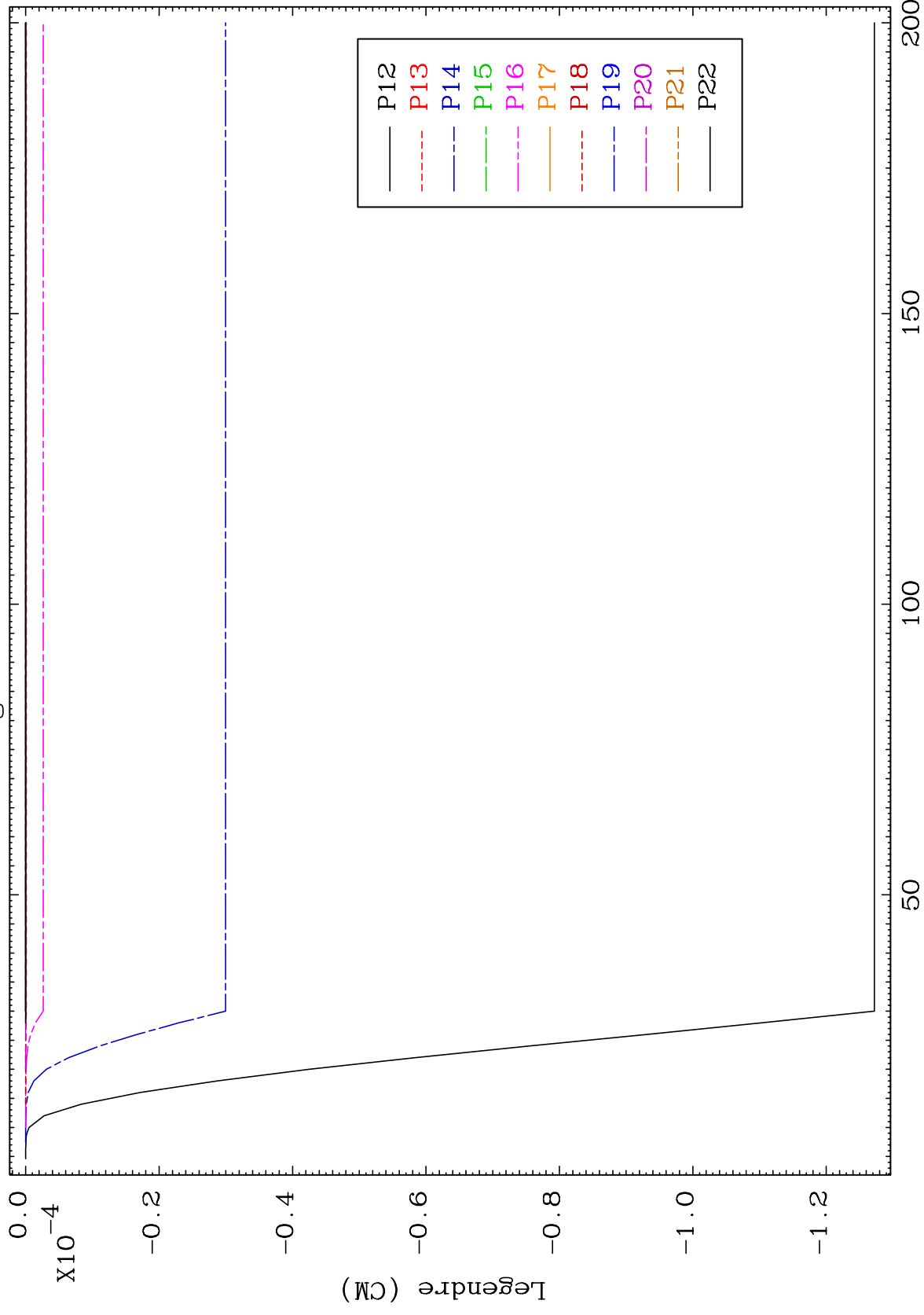
Incident Energy (MeV)

39-Y -84

MAT 3910

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

39-Y -84



39-Y -84

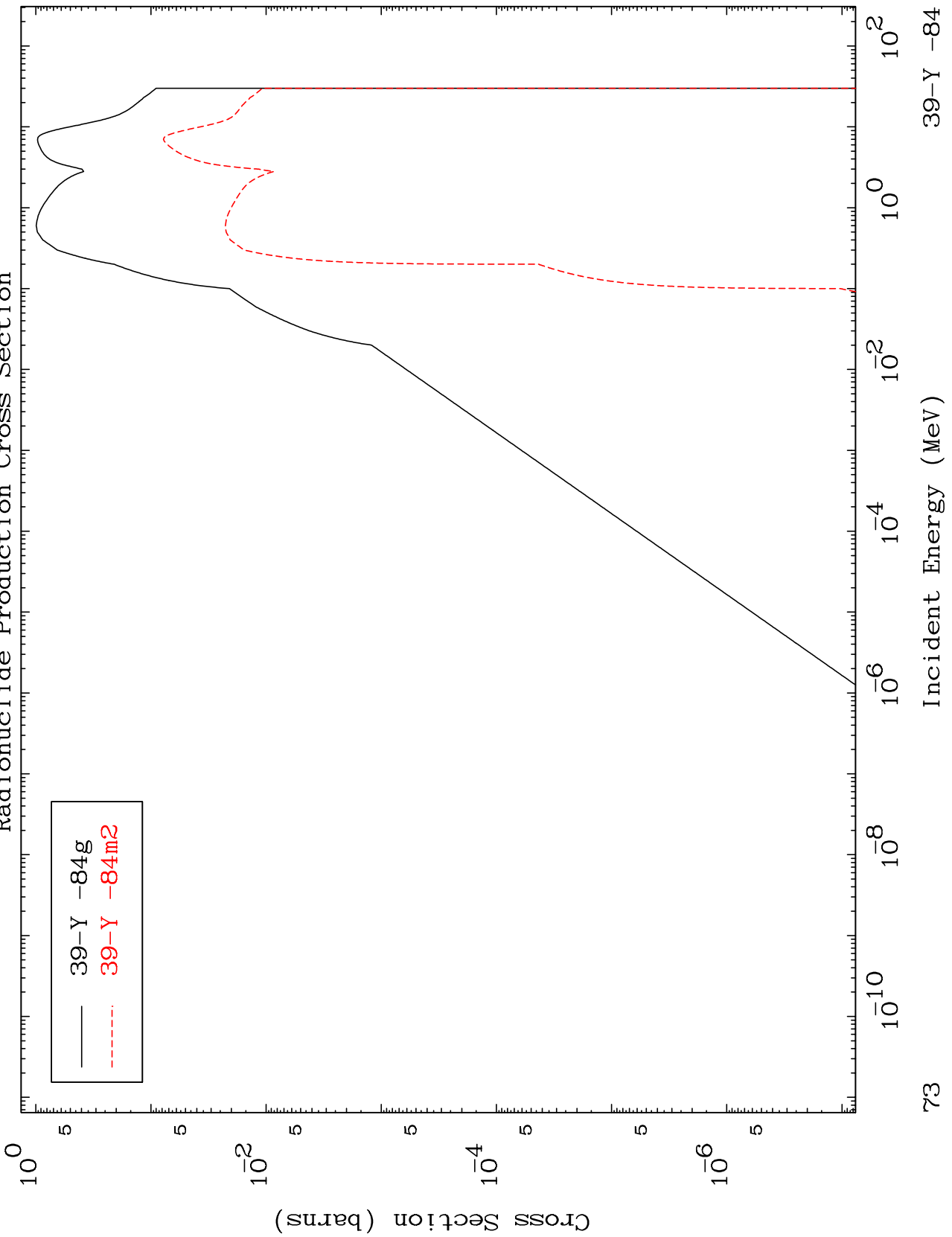
Incident Energy (MeV)

72

MAT 3910

39-Y -84

Inelastic
Radionuclide Production Cross Section

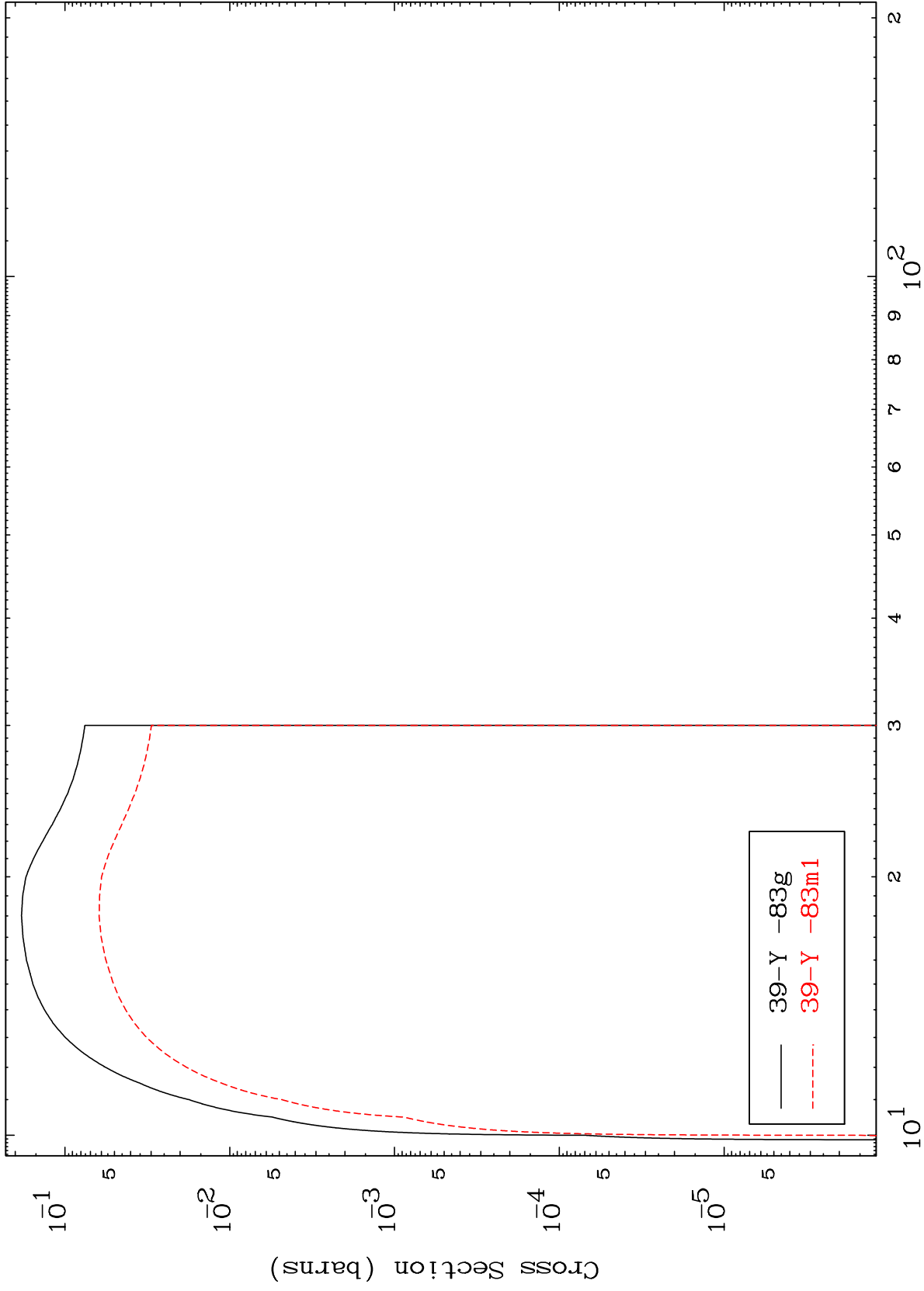


MAT 3910

(n,2n)

39-Y -84

Radionuclide Production Cross Section



74

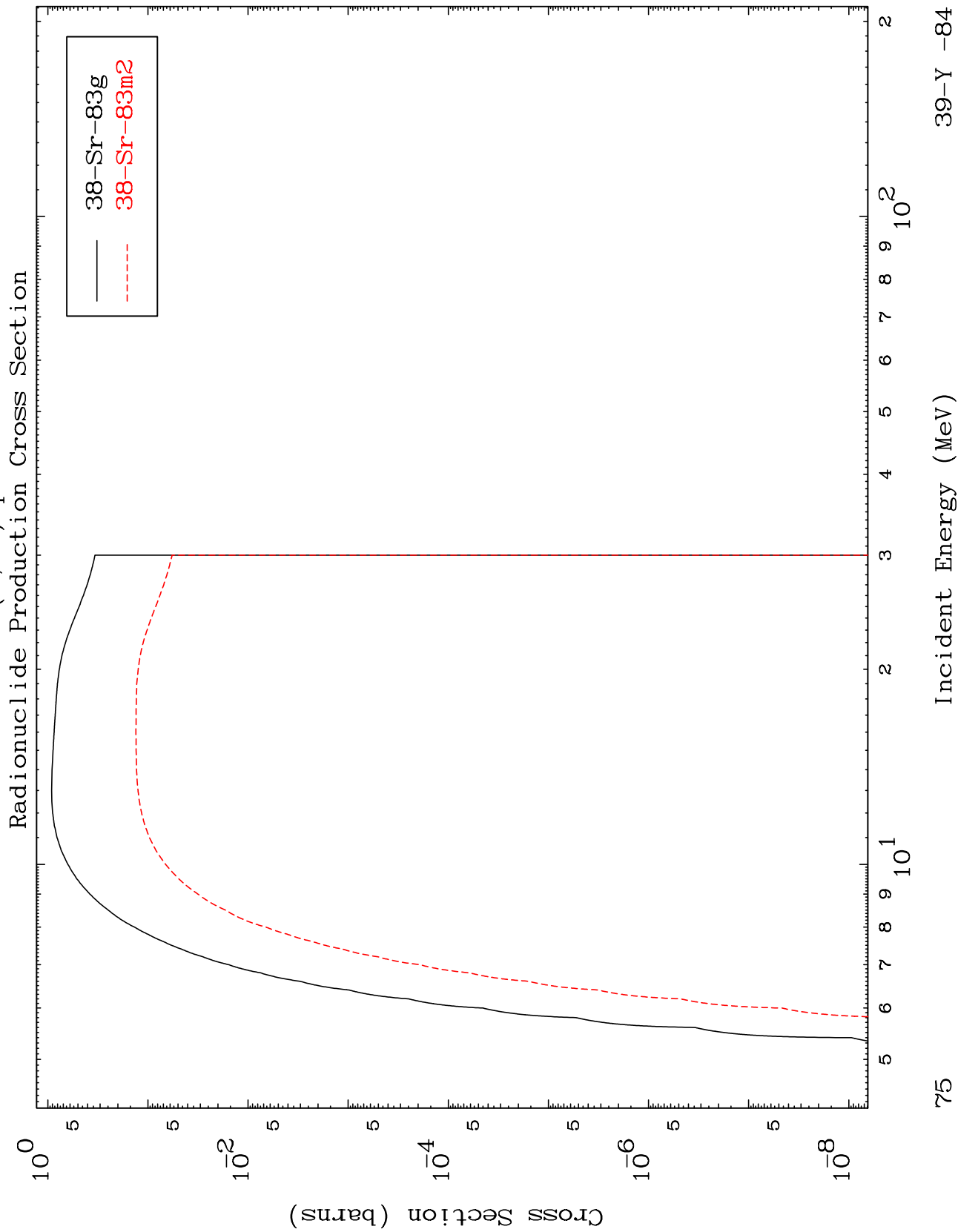
Incident Energy (MeV)

39-Y -84

MAT 3910

(n,n') p

39-Y -84



75

Incident Energy (MeV)

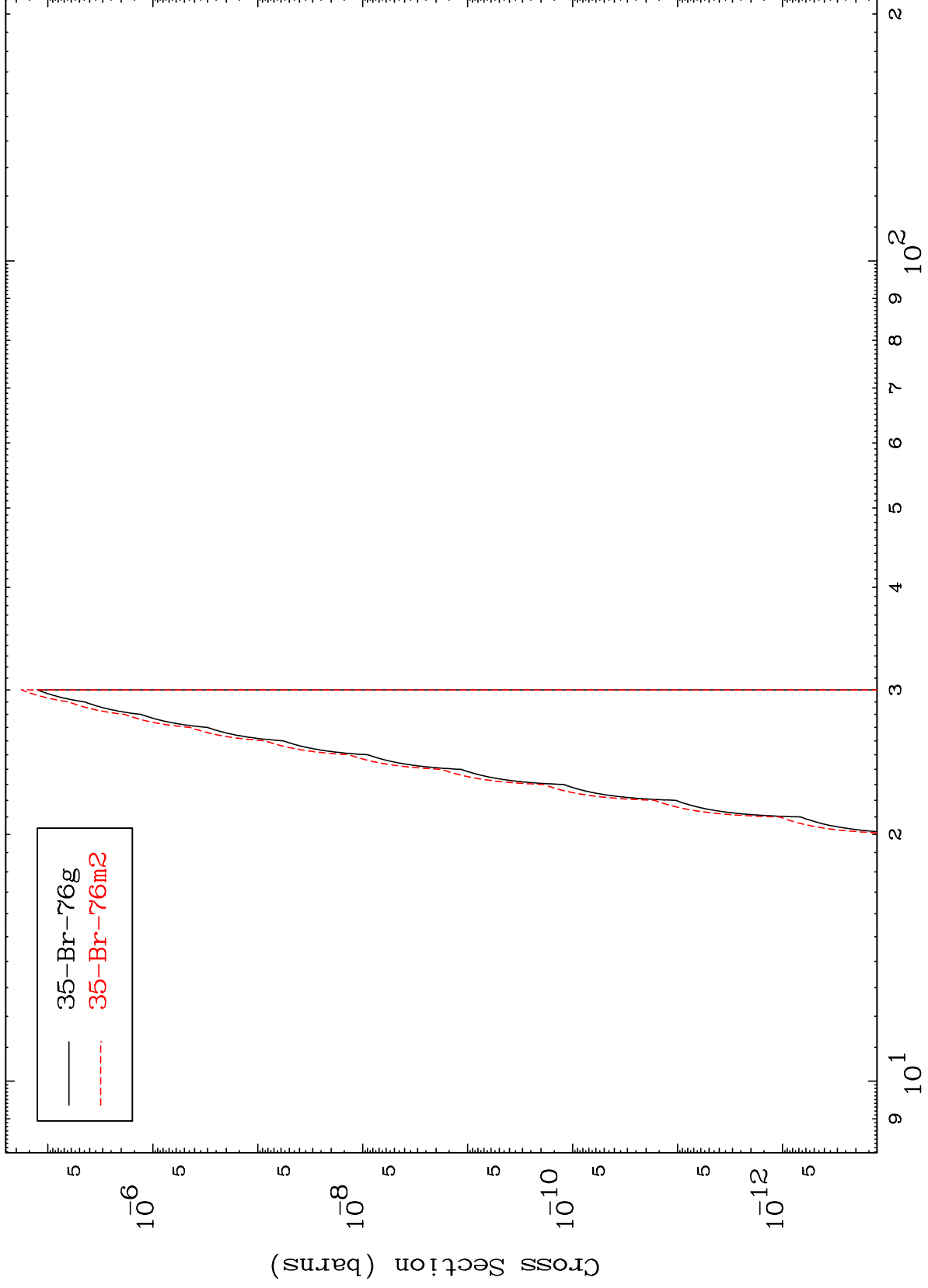
39-Y -84

MAT 3910

(n,n') 2α

39-Y -84

Radionuclide Production Cross Section



76

Incident Energy (MeV)

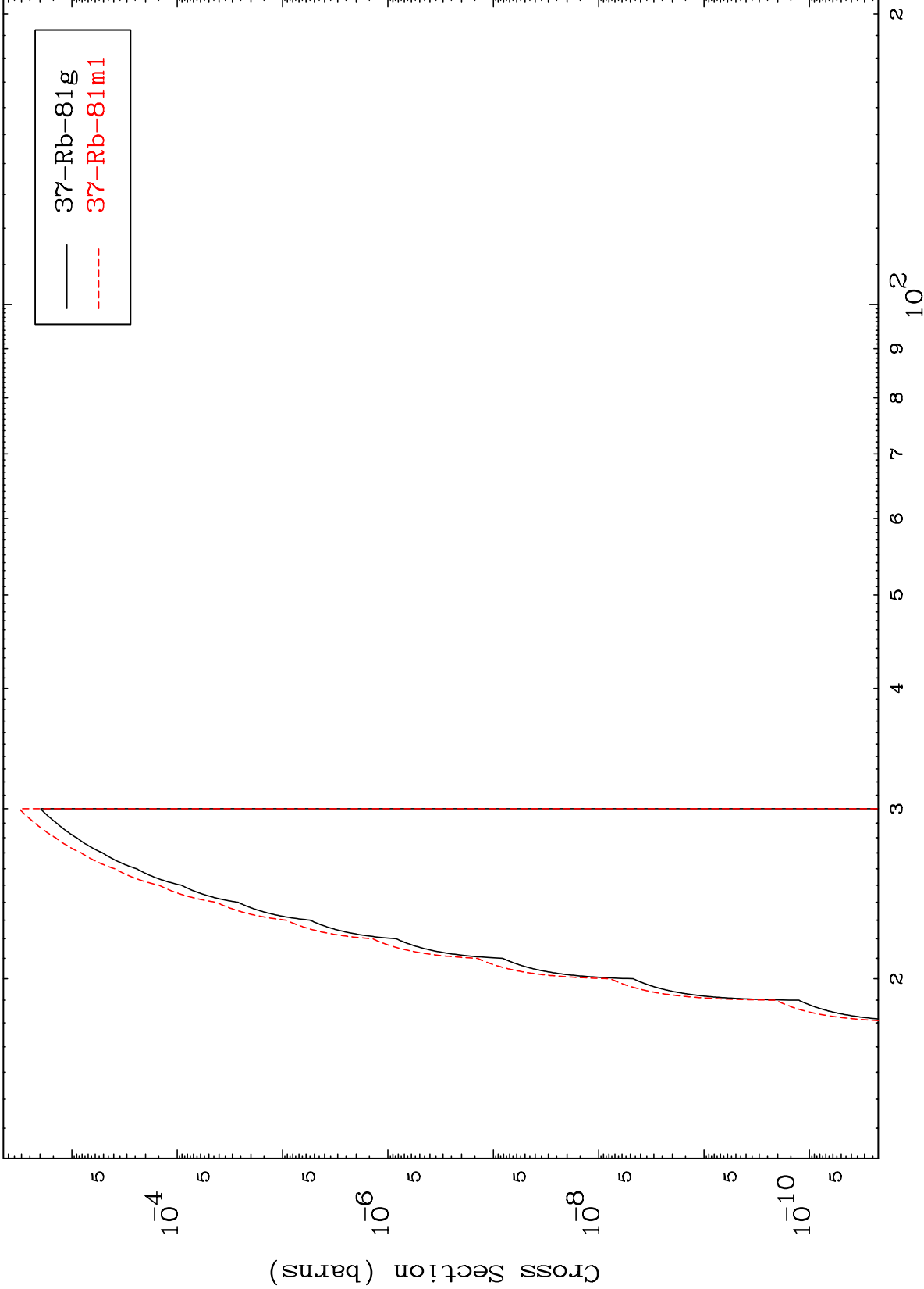
39-Y -84

MAT 3910

(n,n') He-3

39-Y -84

Radionuclide Production Cross Section

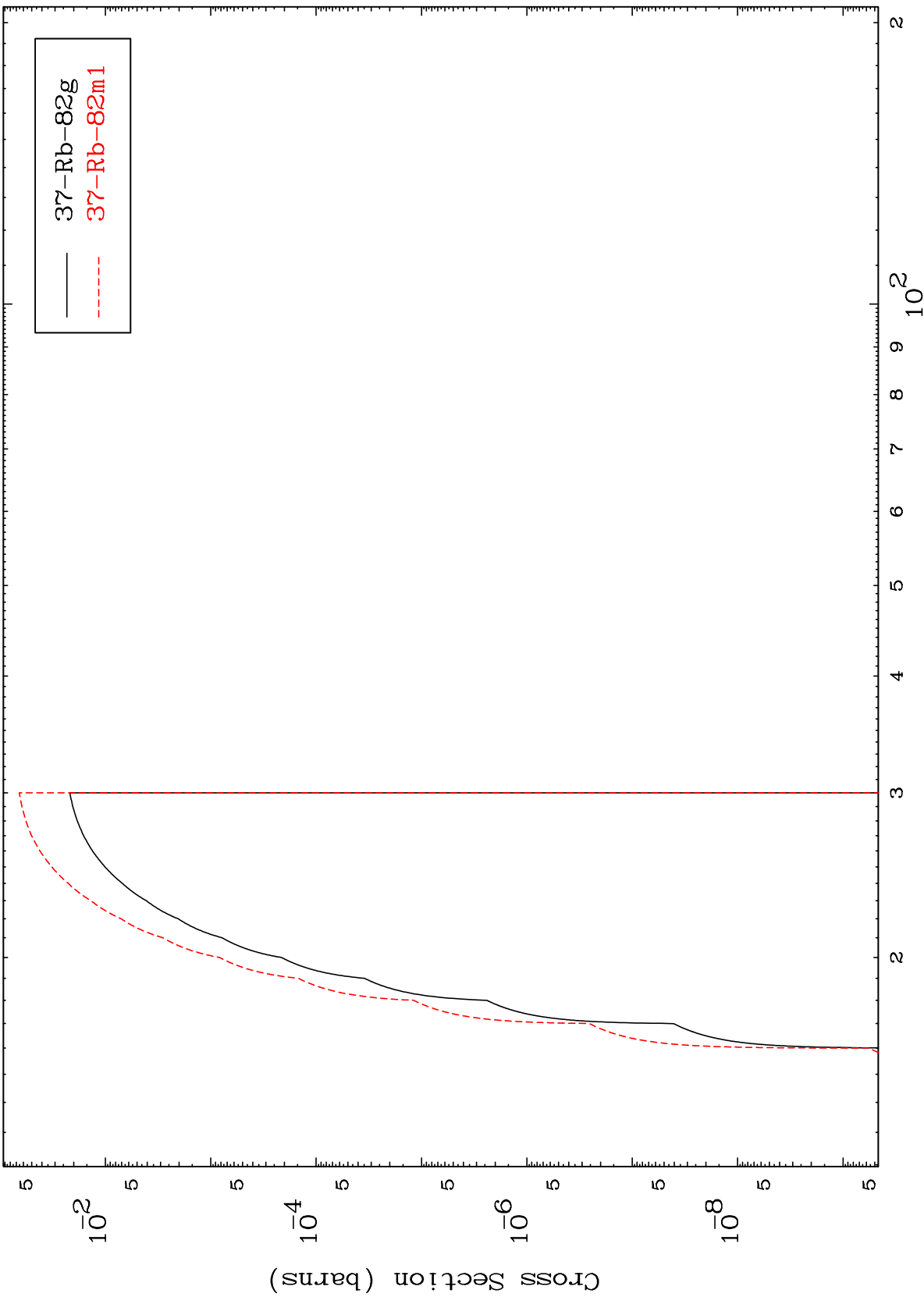


77

Incident Energy (MeV)

39-Y -84

Radionuclide Production Cross Section

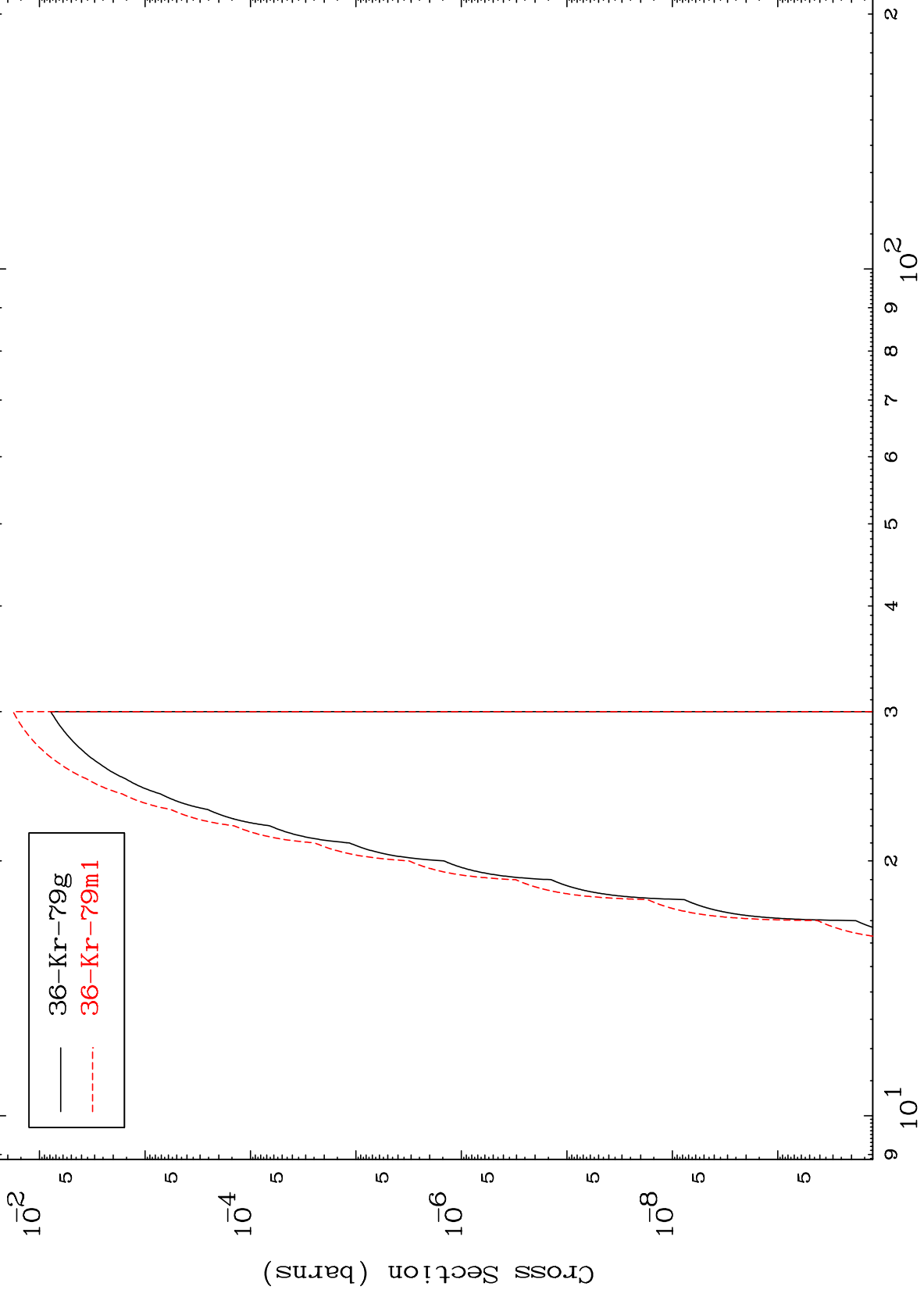


MAT 3910

(n,n') p α

39-Y -84

Radionuclide Production Cross Section



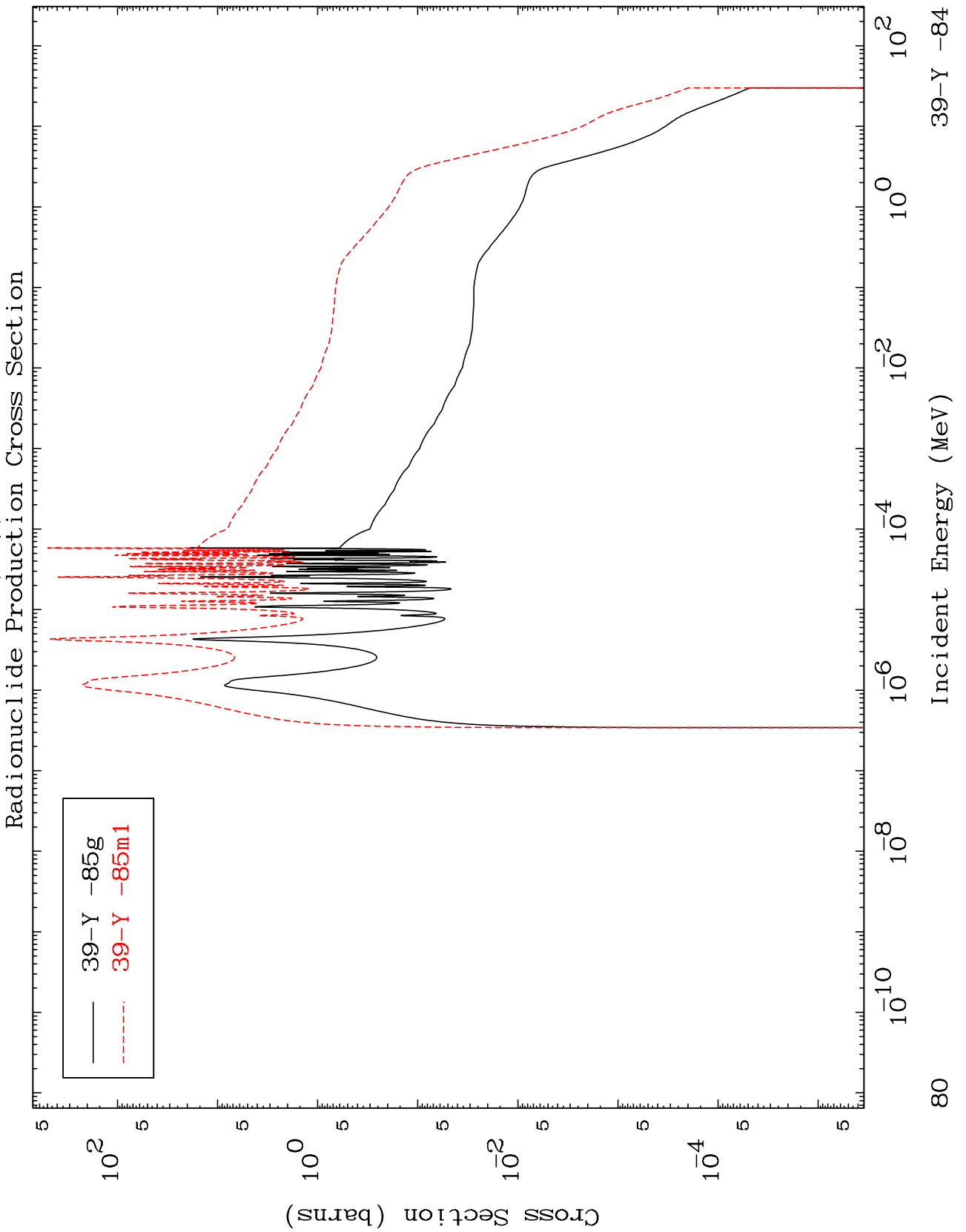
79

Incident Energy (MeV)

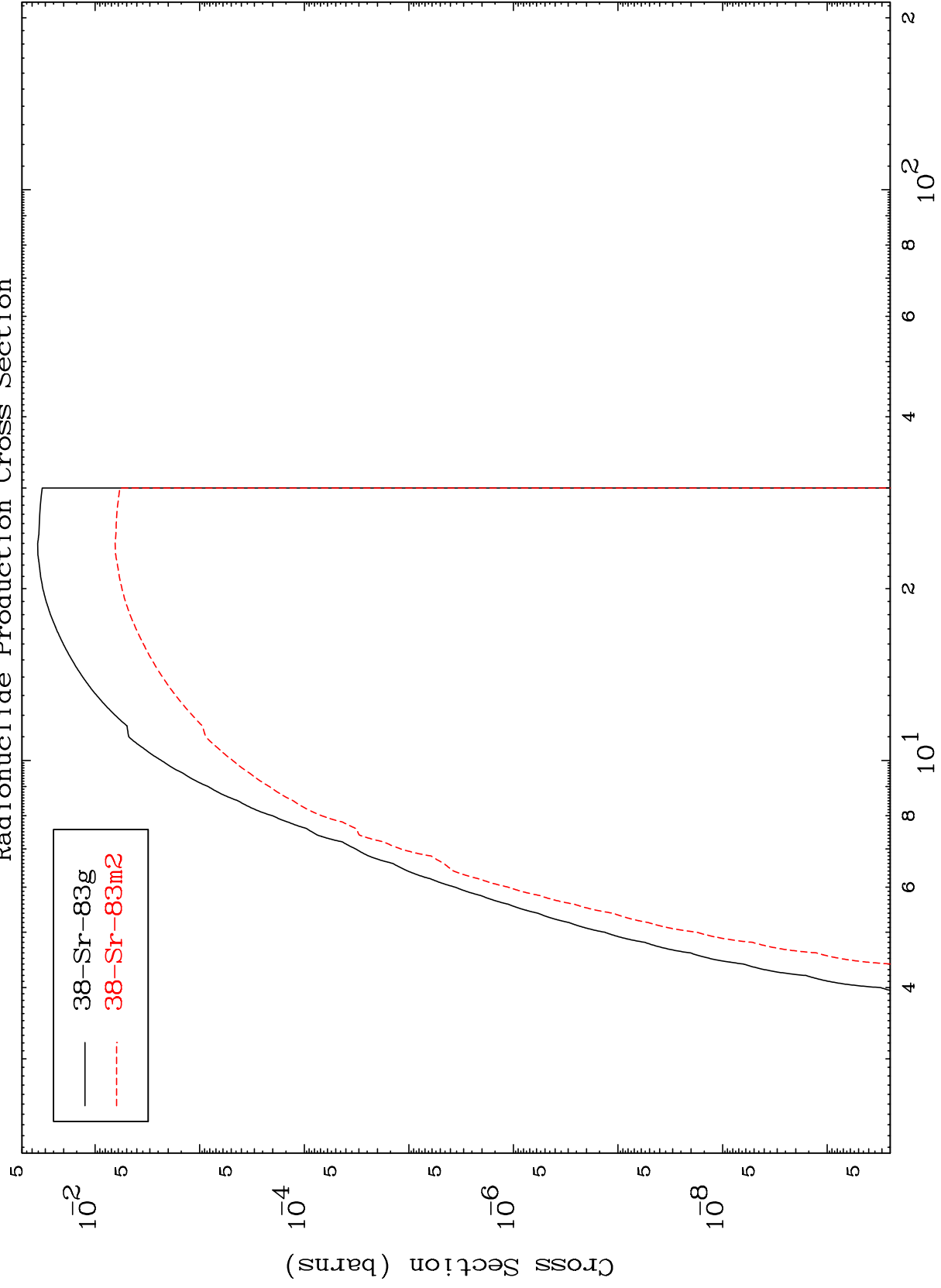
39-Y -84

MAT 3910

39-Y -84



(n,d)
Radionuclide Production Cross Section

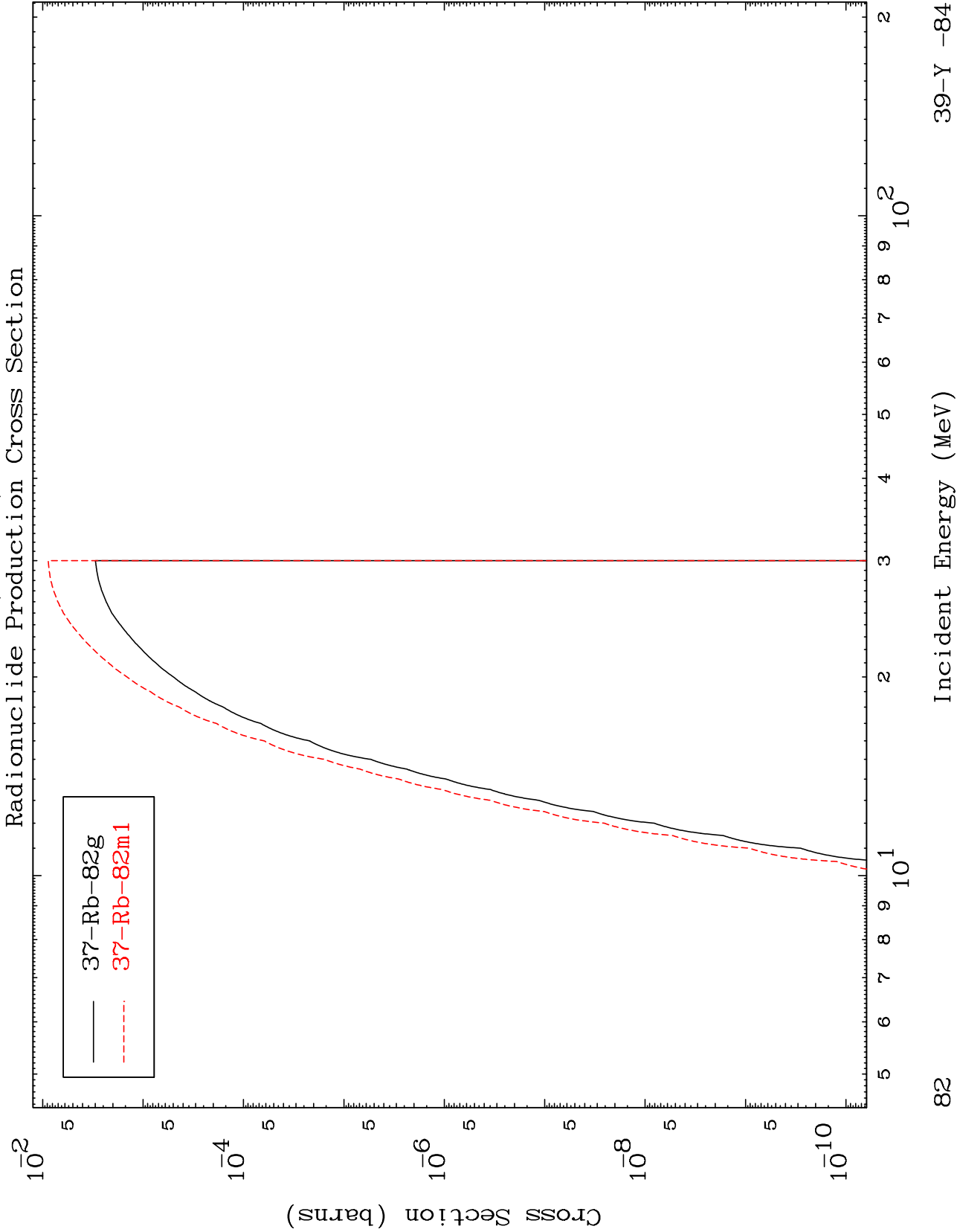


— 38-Sr-83g
- - - 38-Sr-83m2

MAT 3910

(n,He-3)

39-Y -84



82

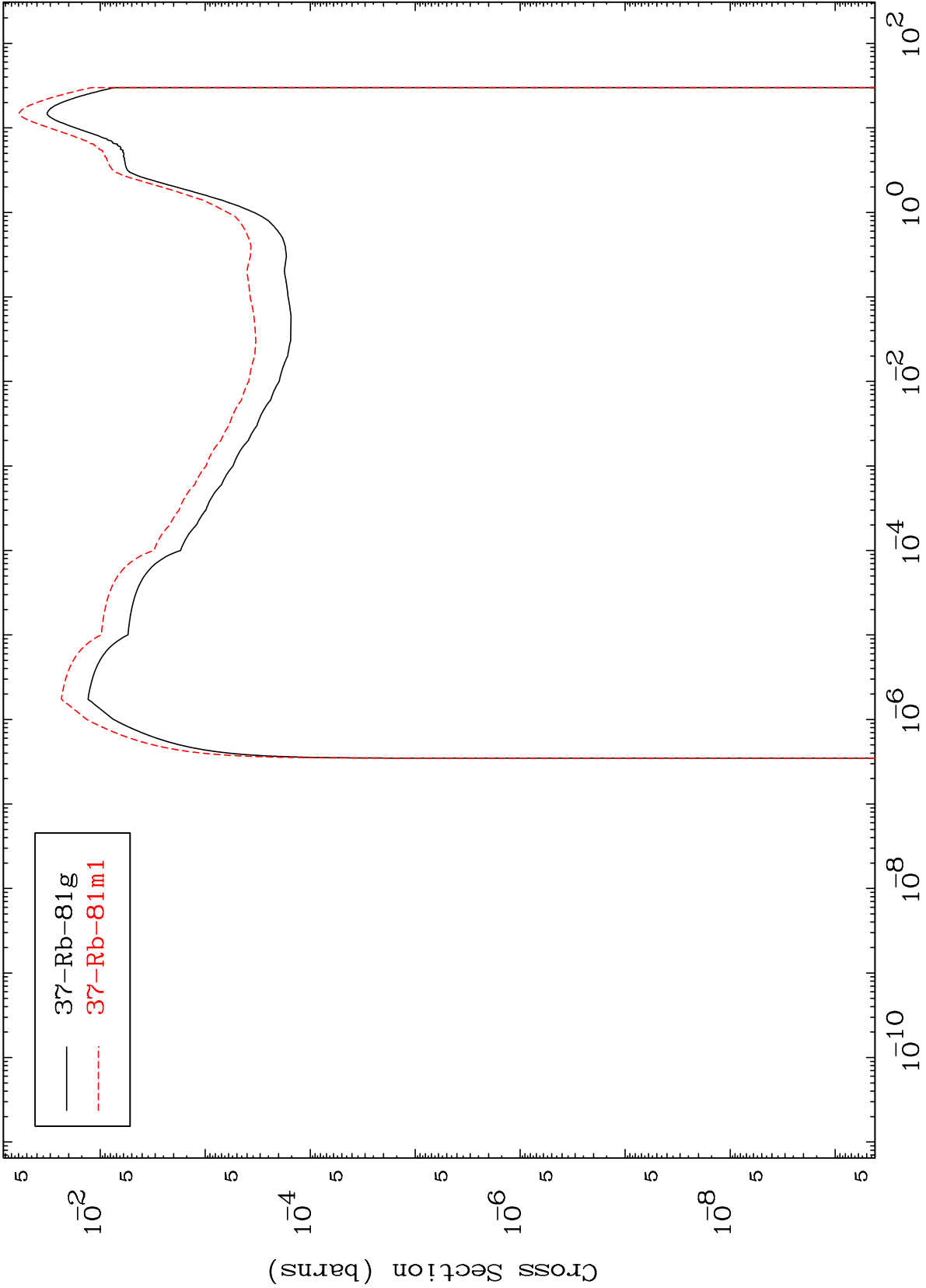
Incident Energy (MeV)

39-Y -84

MAT 3910

39-Y -84

Radionuclide Production Cross Section (n,α)



— 37-Rb-81 g
- - - 37-Rb-81 m1

Incident Energy (MeV)

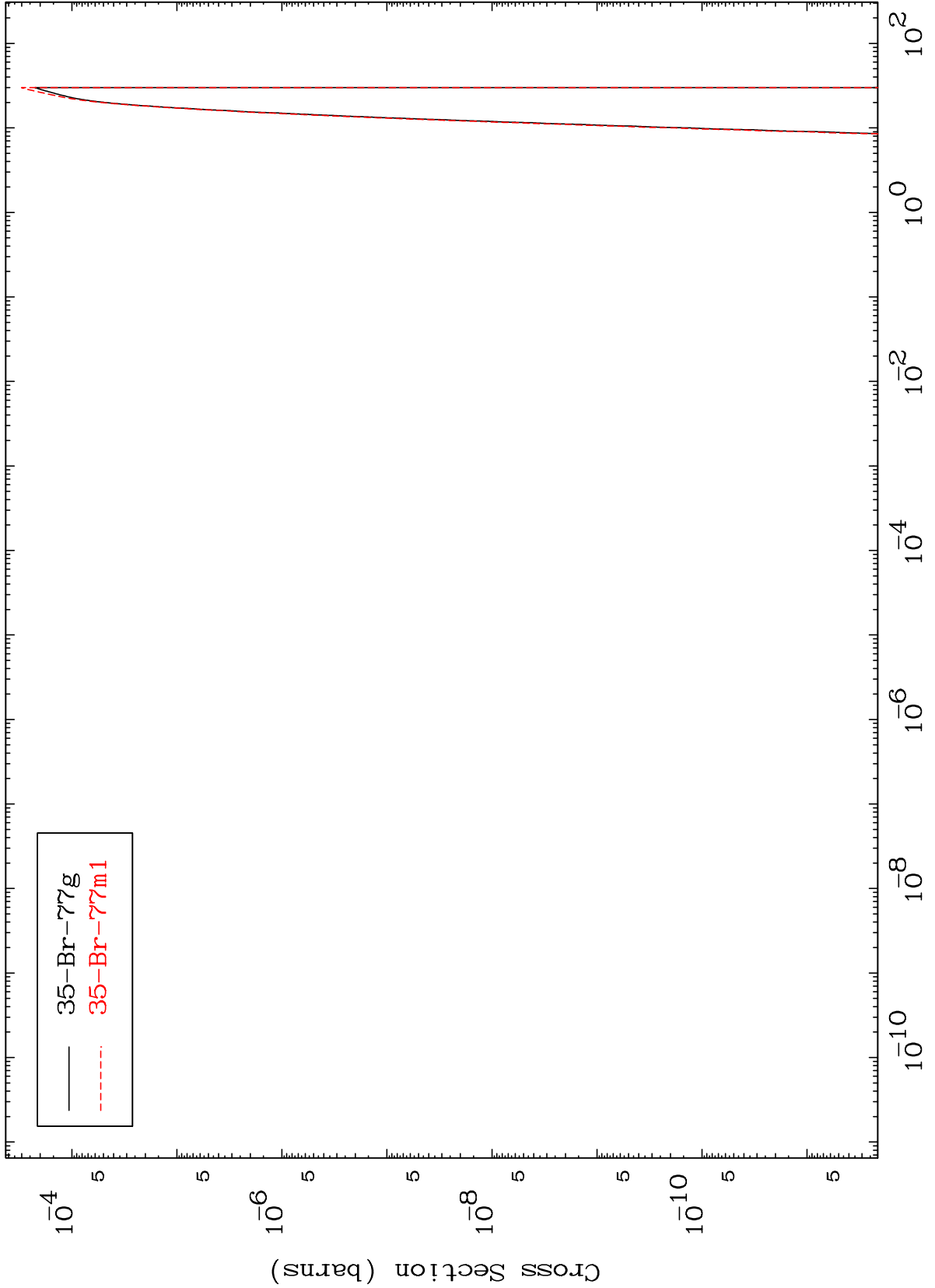
39-Y -84

MAT 3910

(n,2α)

39-Y -84

Radionuclide Production Cross Section



— 35-Br-77g
- - - 35-Br-77m1

84

Incident Energy (MeV)

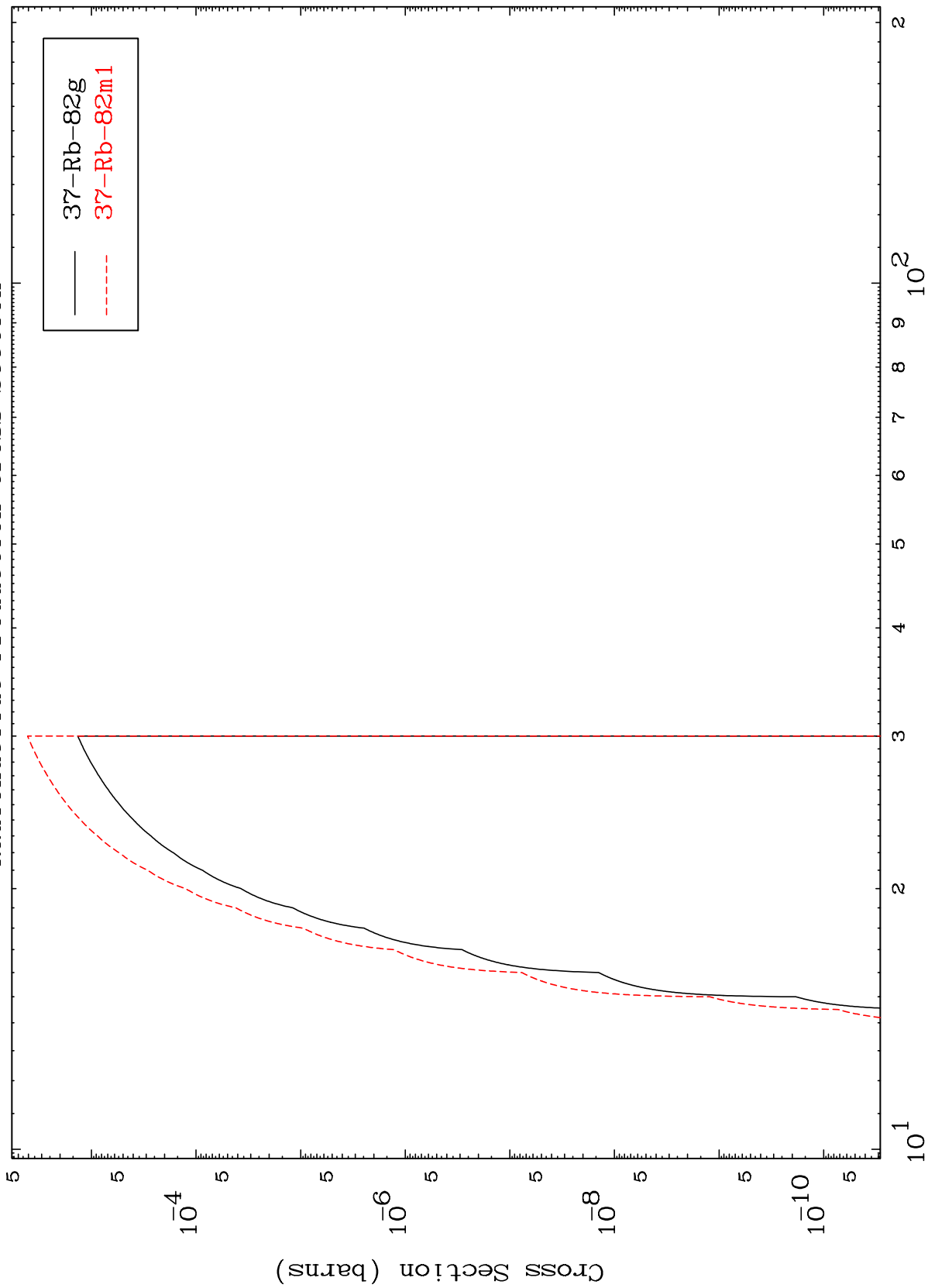
39-Y -84

MAT 3910

(n,p) d

39-Y -84

Radionuclide Production Cross Section



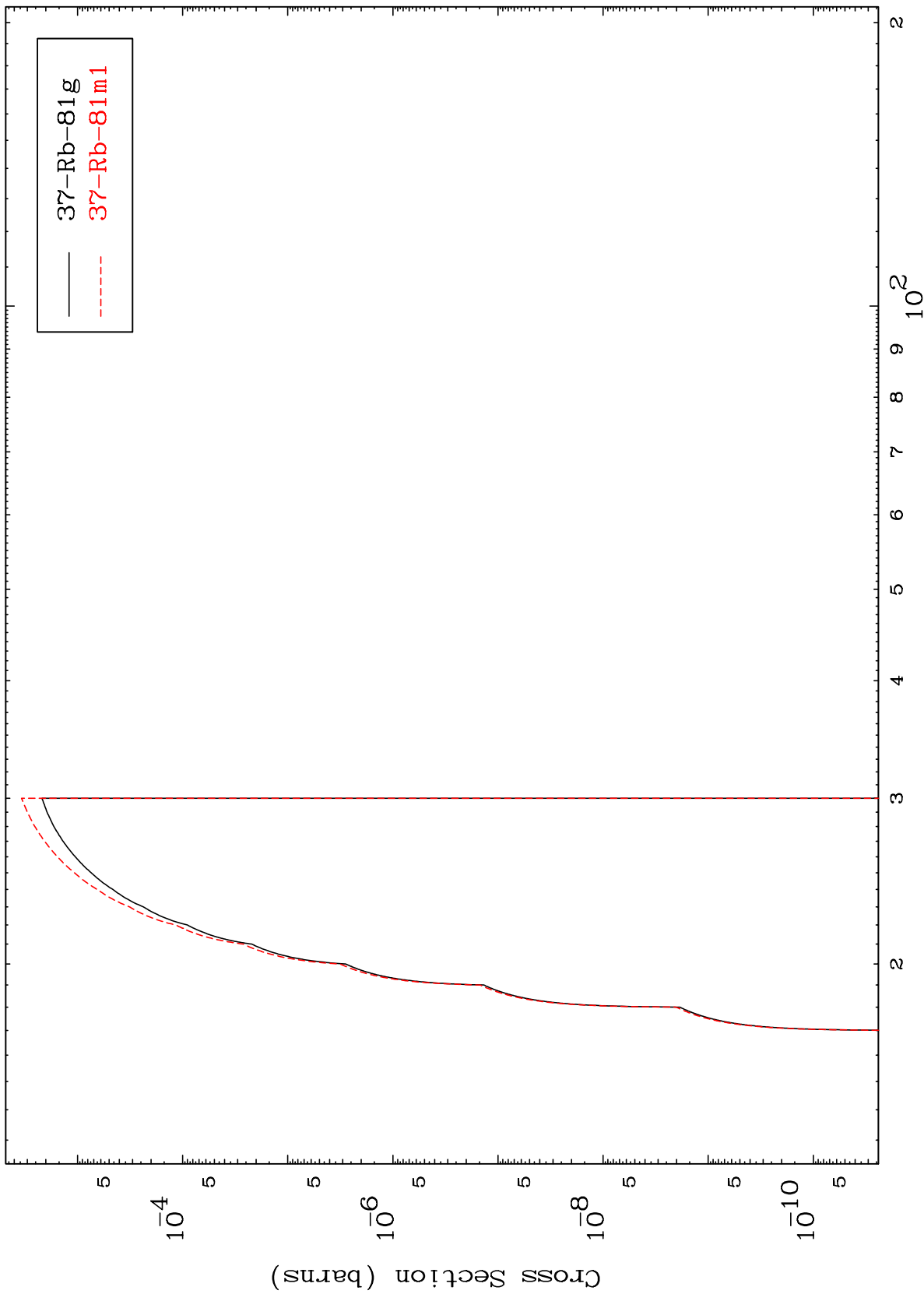
37-Rb-82g
37-Rb-82m1

85

Incident Energy (MeV)

39-Y -84

Radionuclide Production Cross Section

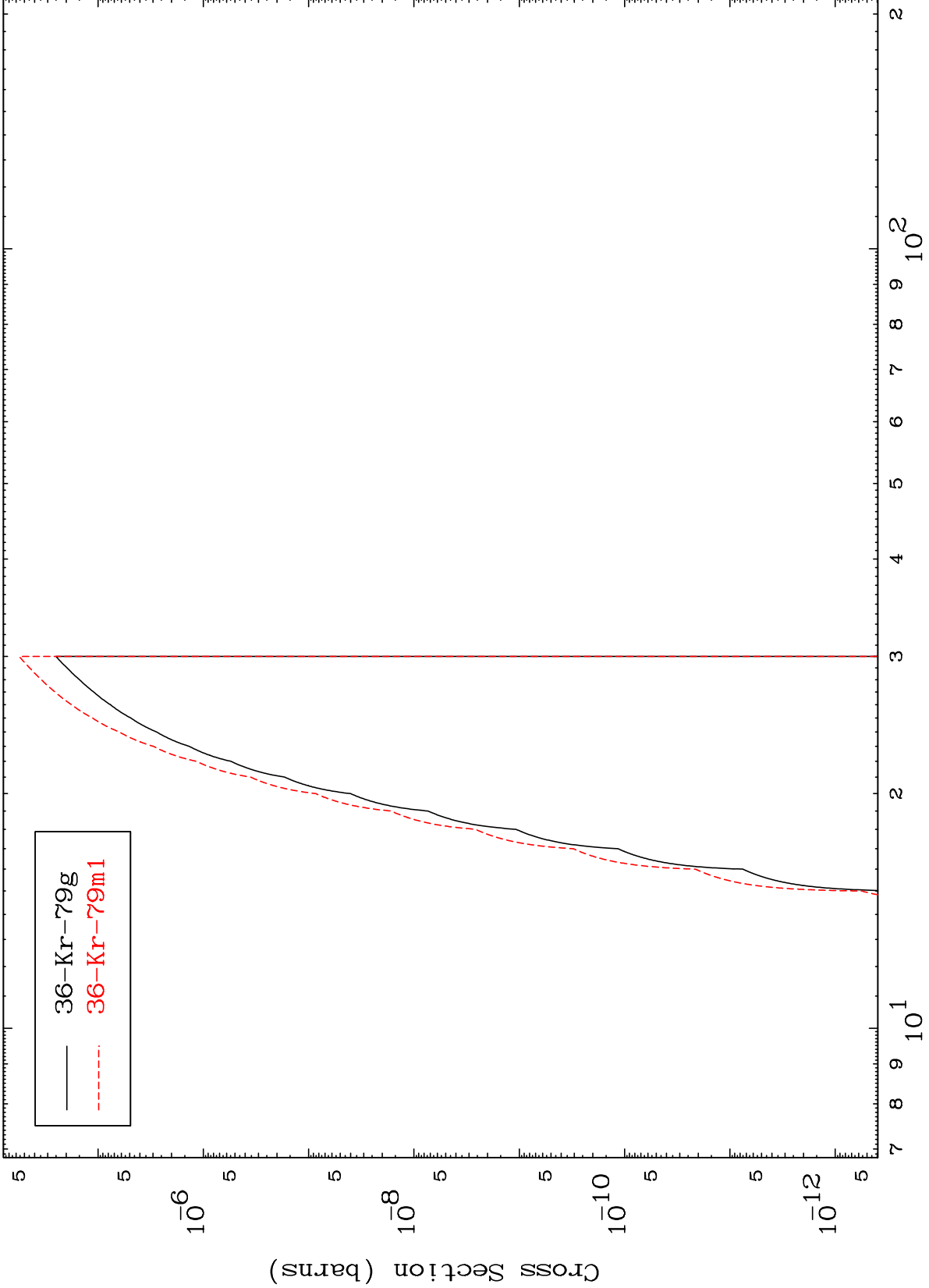


MAT 3910

(n,d) α

39-Y -84

Radionuclide Production Cross Section



87

Incident Energy (MeV)

39-Y -84