

Program EVALPLOT
(Version 2015-2)

by

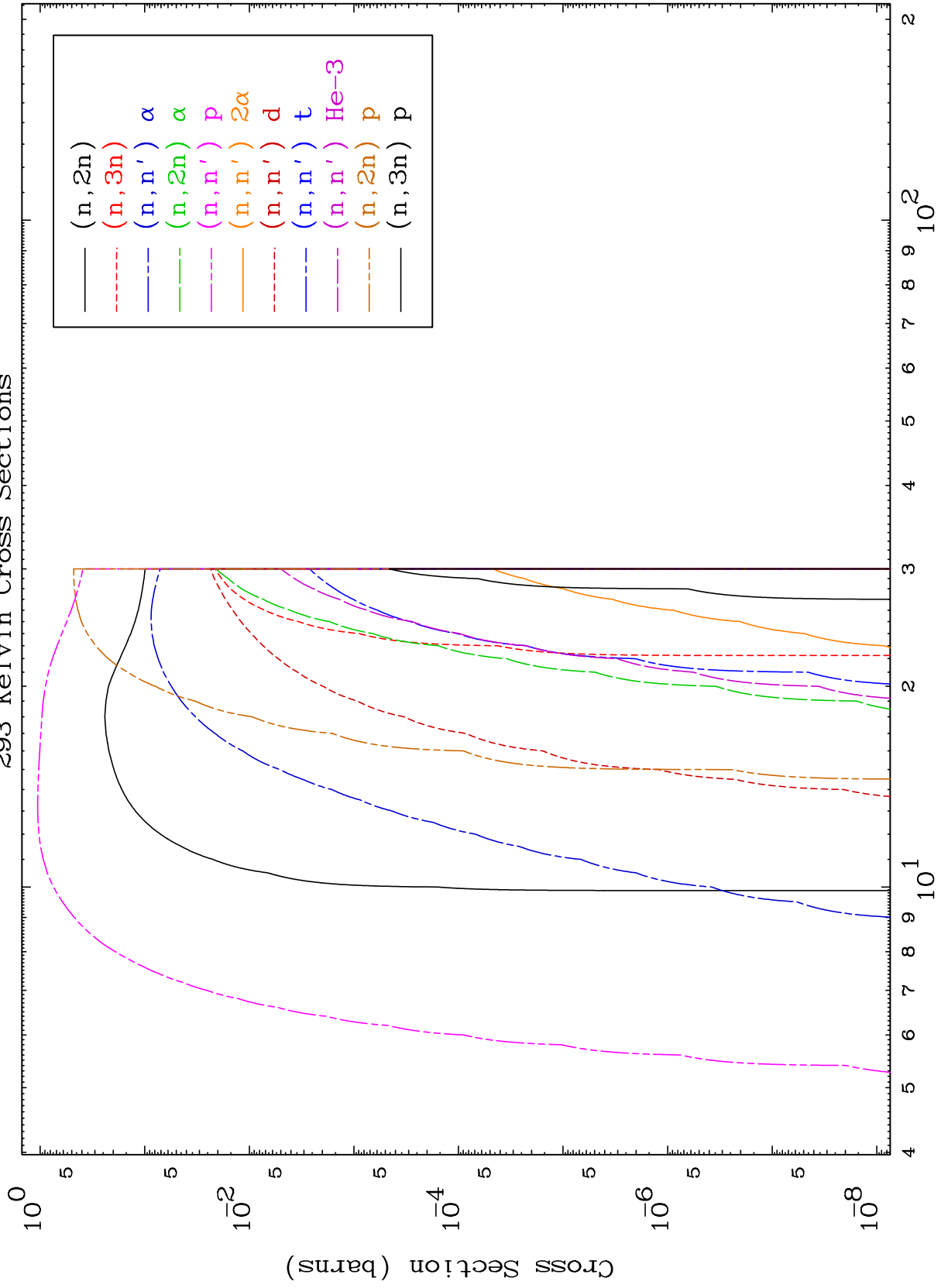
Dermott E. Cullen
(Present Contact Information)

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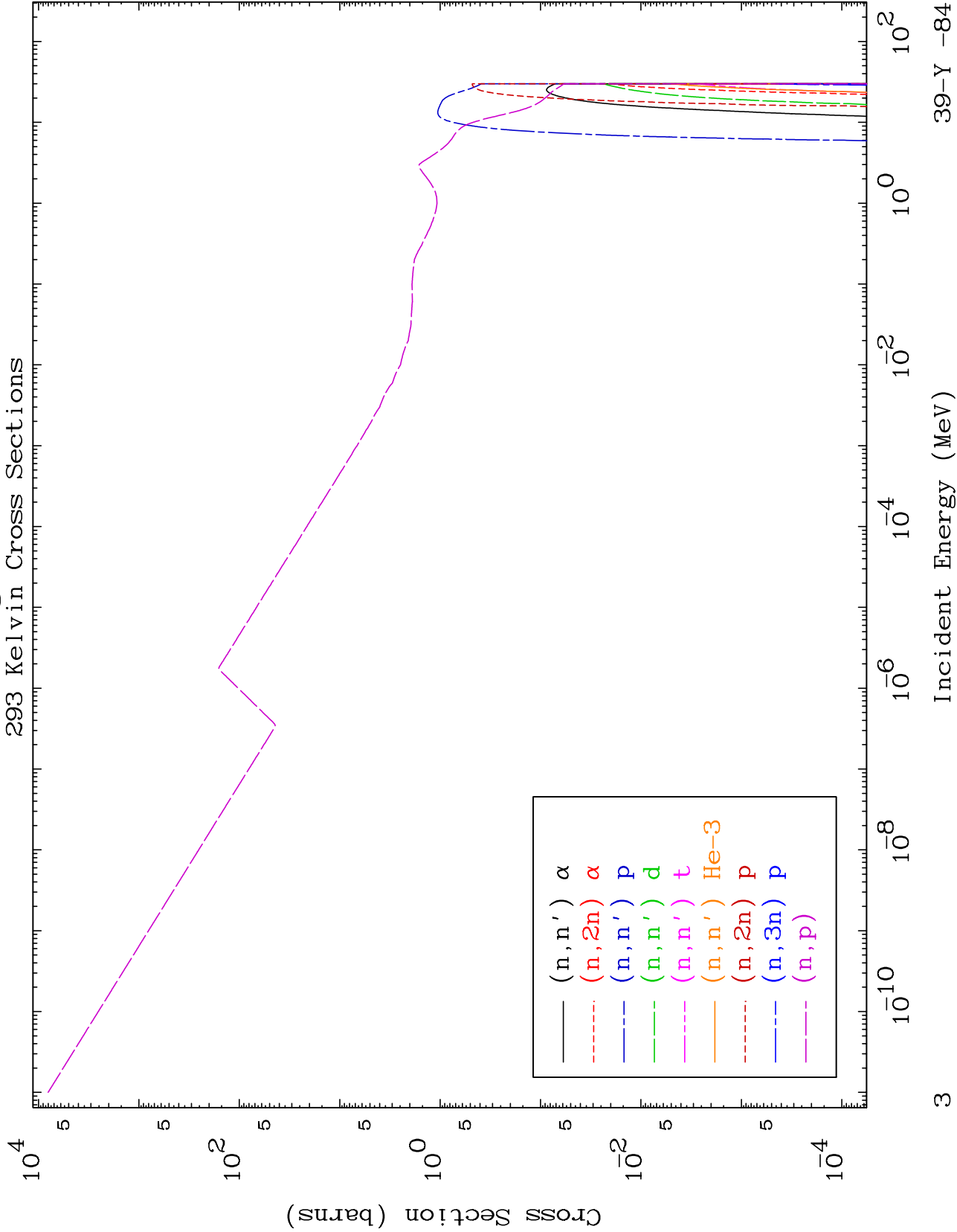
Press Mouse Button to Start



MAT 3910

Charged Particle
293 Kelvin Cross Sections

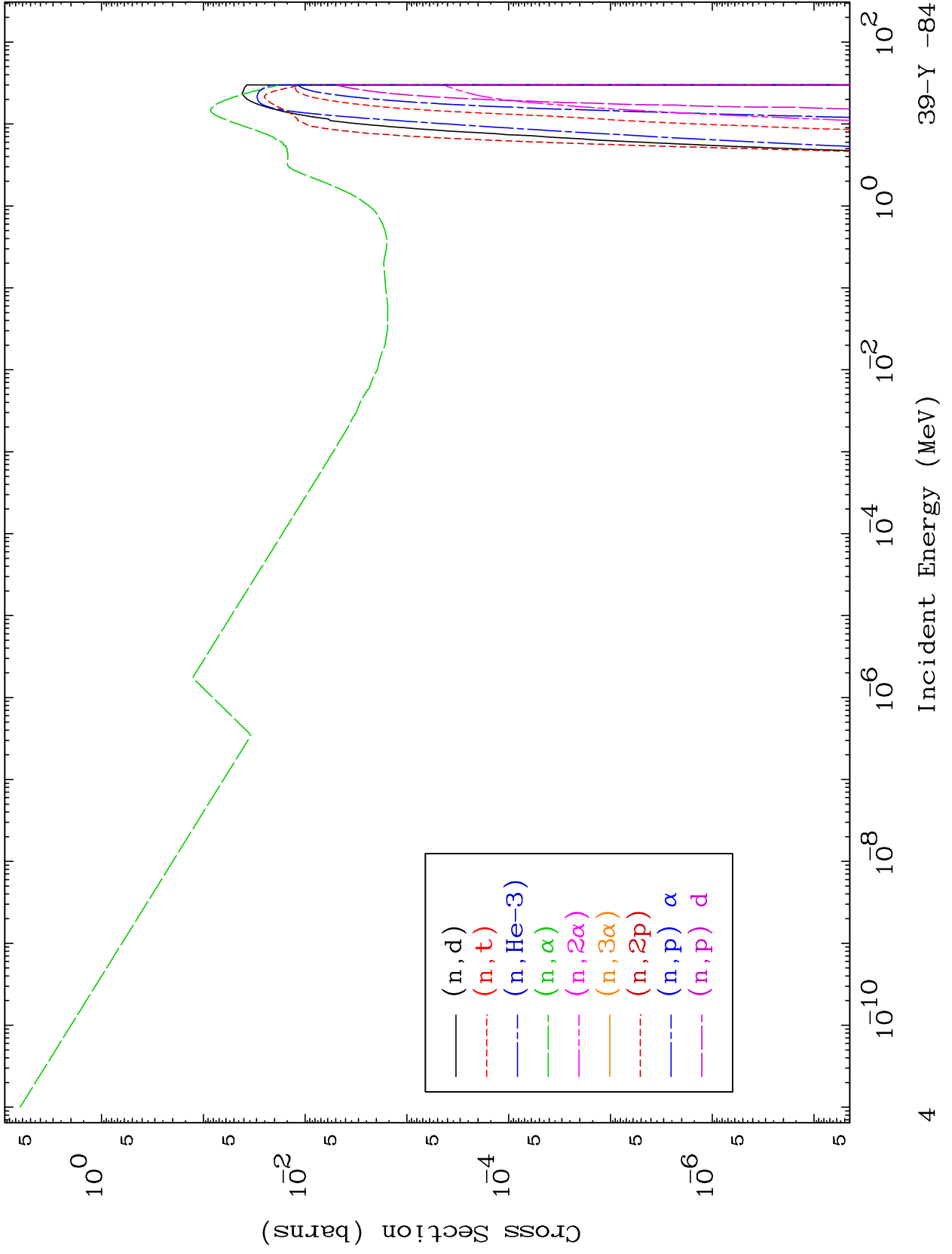
39-Y -84



MAT 3910

Charged Particle
293 Kelvin Cross Sections

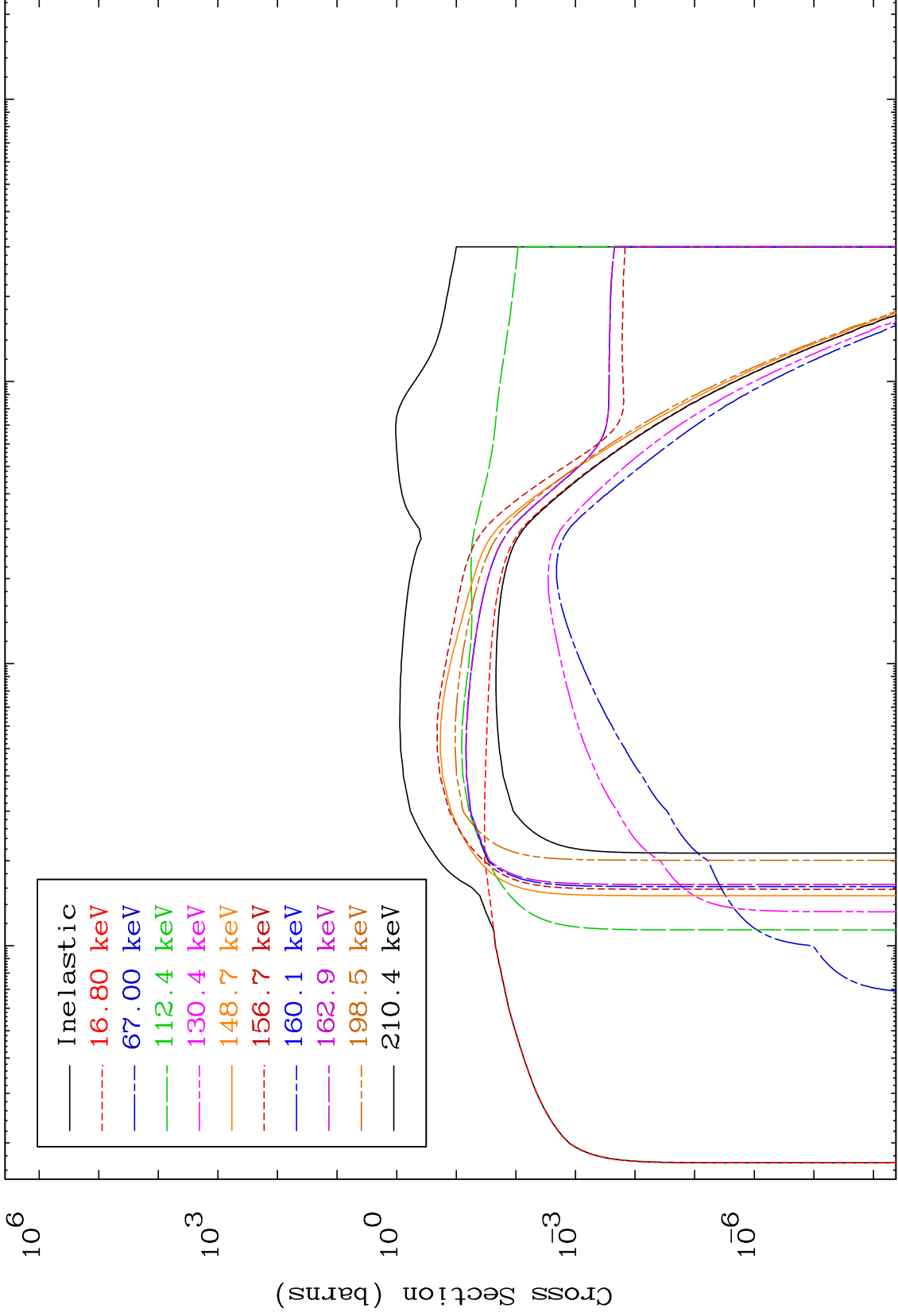
39-Y -84



MAT 3910

(n,n') Level
293 Kelvin Cross Sections

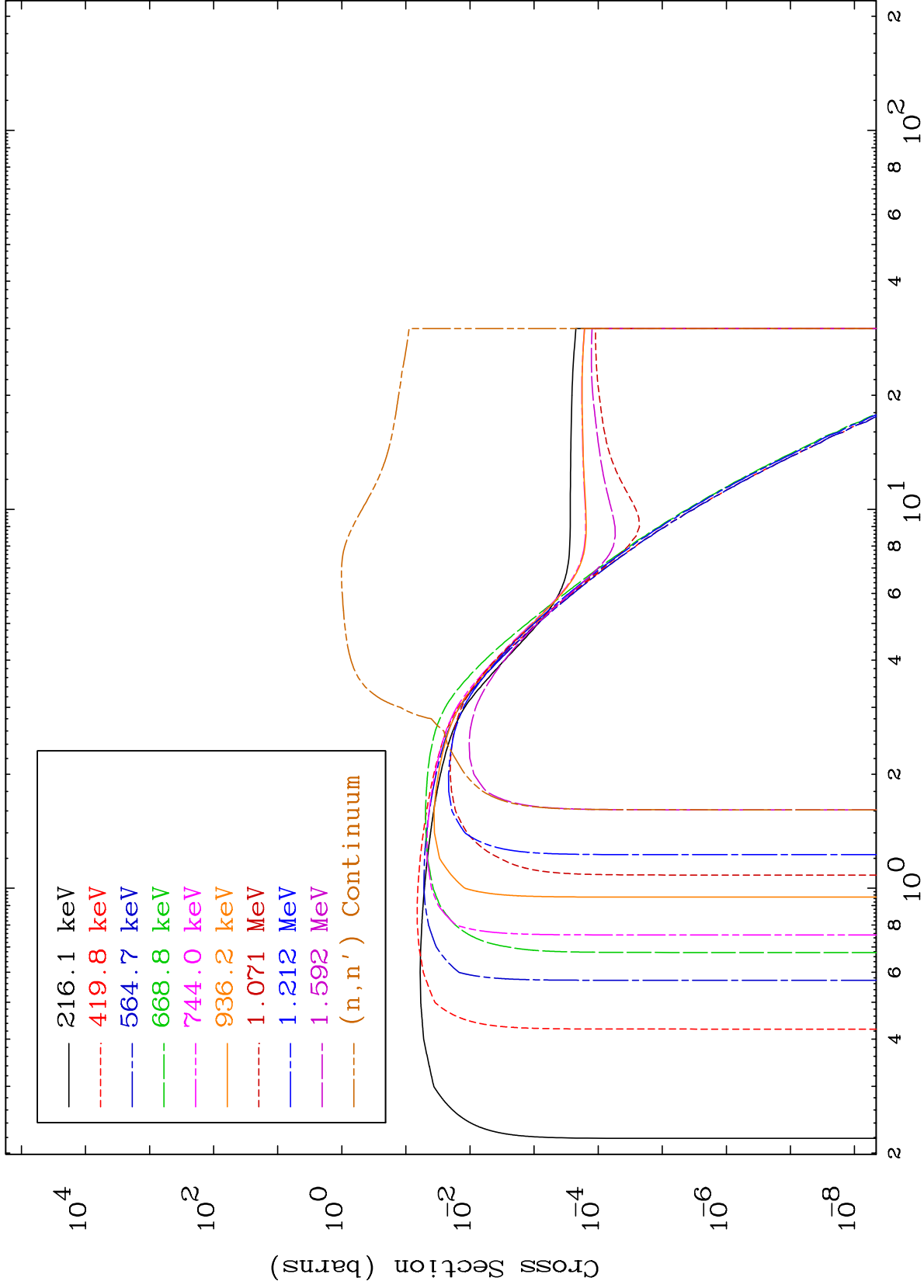
39-Y -84

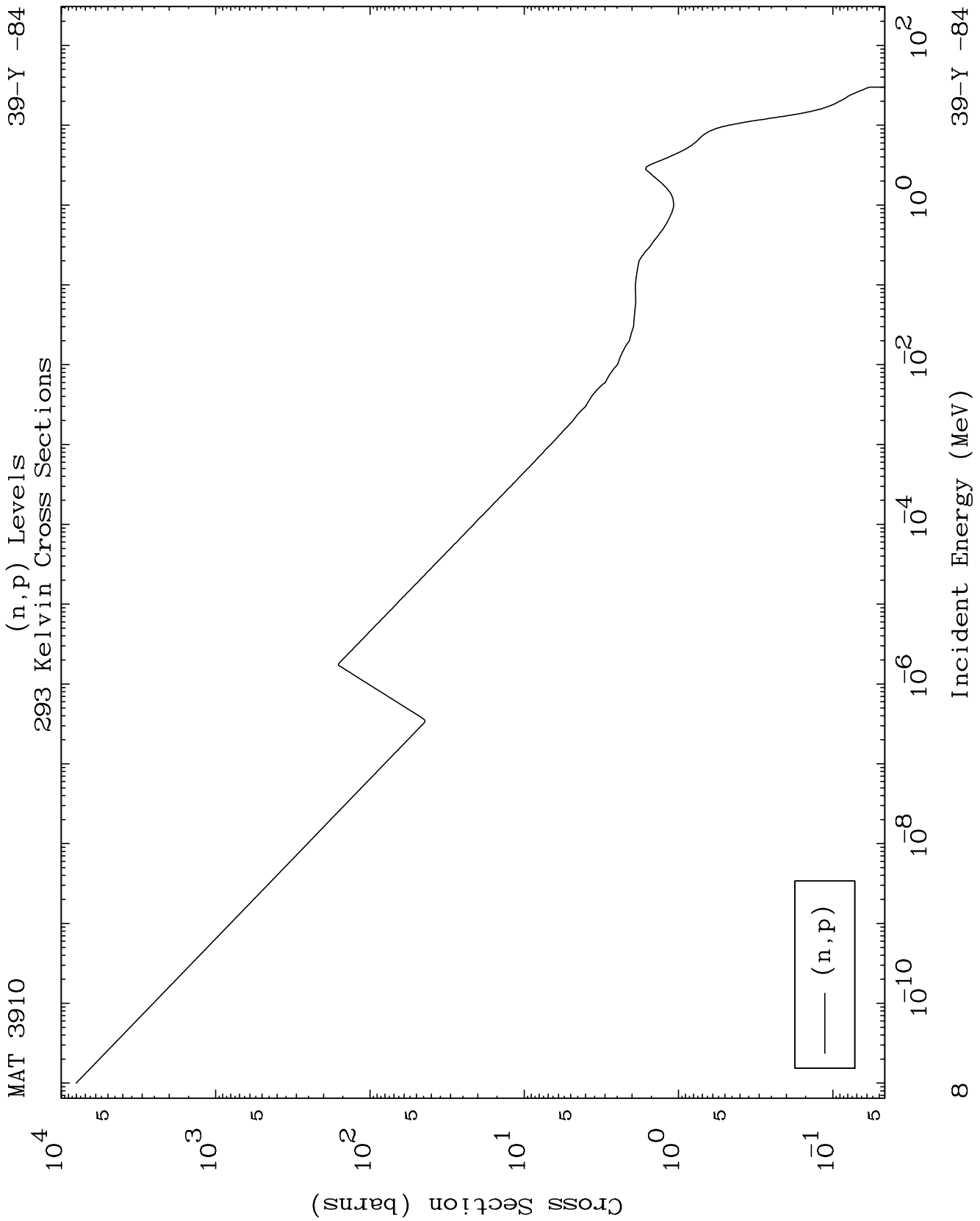


MAT 3910

293 (n,n') Level
Kelvin Cross Sections

39-Y -84

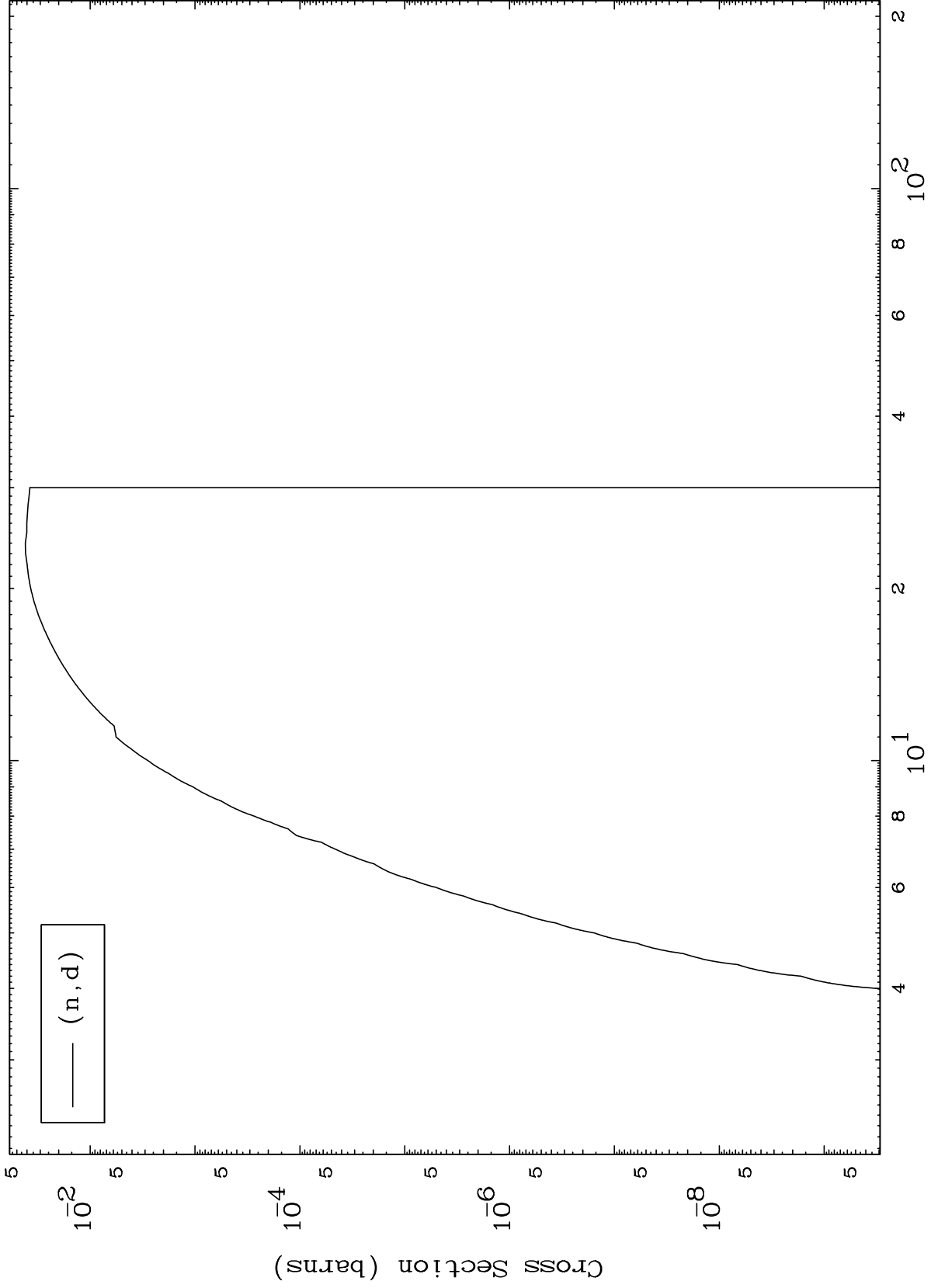




MAT 3910

(n,d) Levels
293 Kelvin Cross Sections

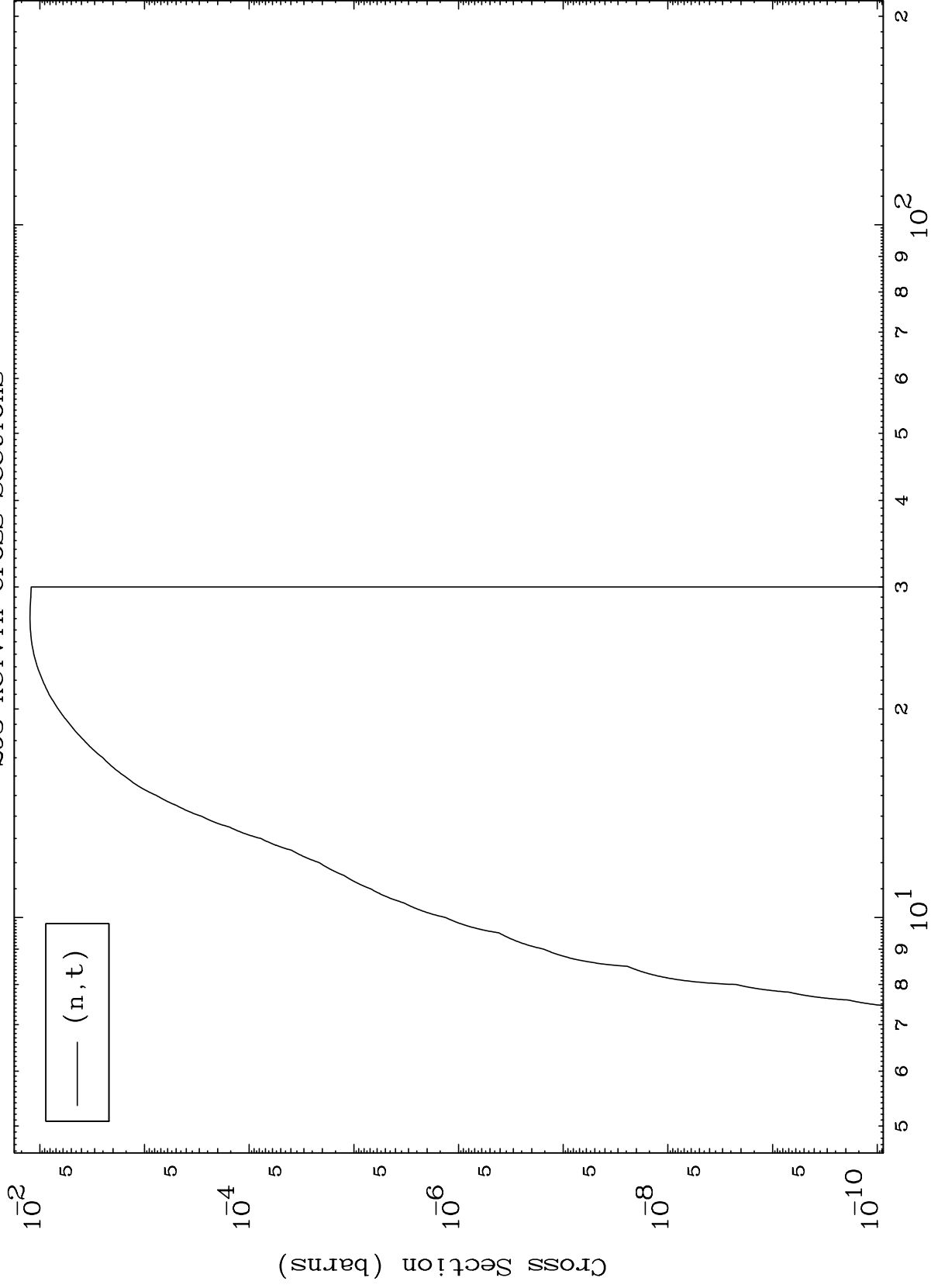
39-Y -84



MAT 3910

(n,t) Levels
293 Kelvin Cross Sections

39-Y -84



Incident Energy (MeV)

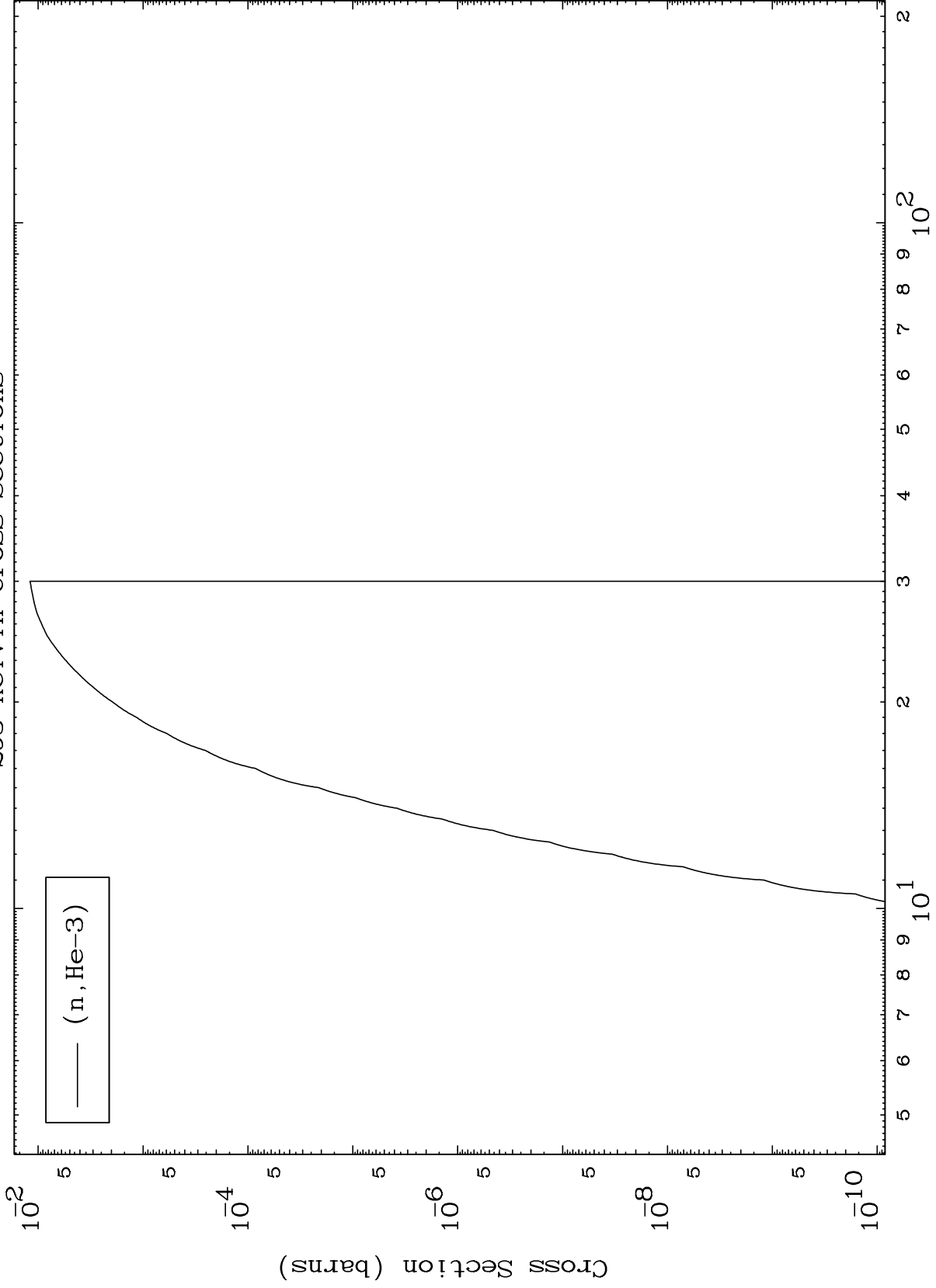
39-Y -84

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MAT 3910

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -84



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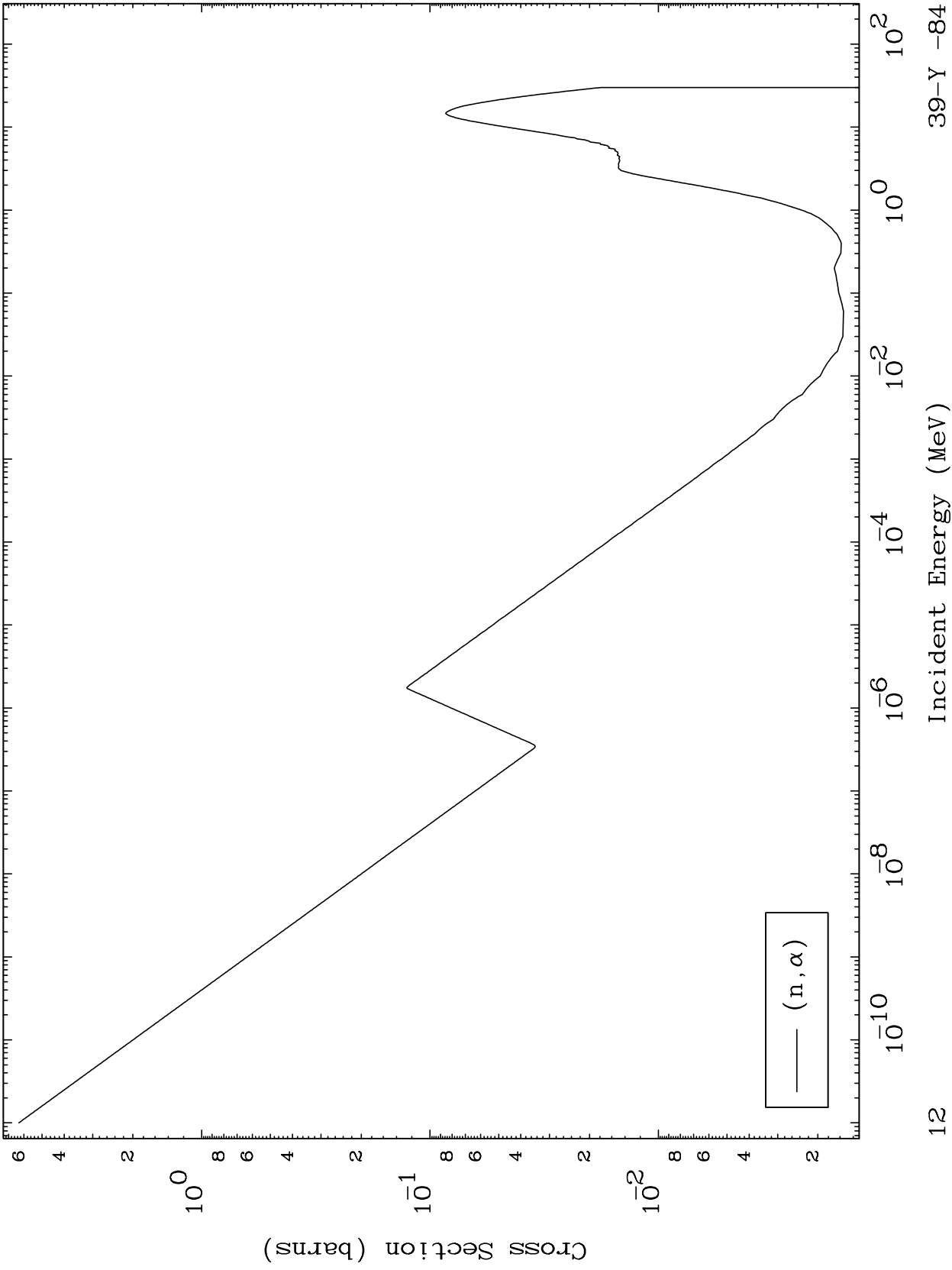
Incident Energy (MeV)

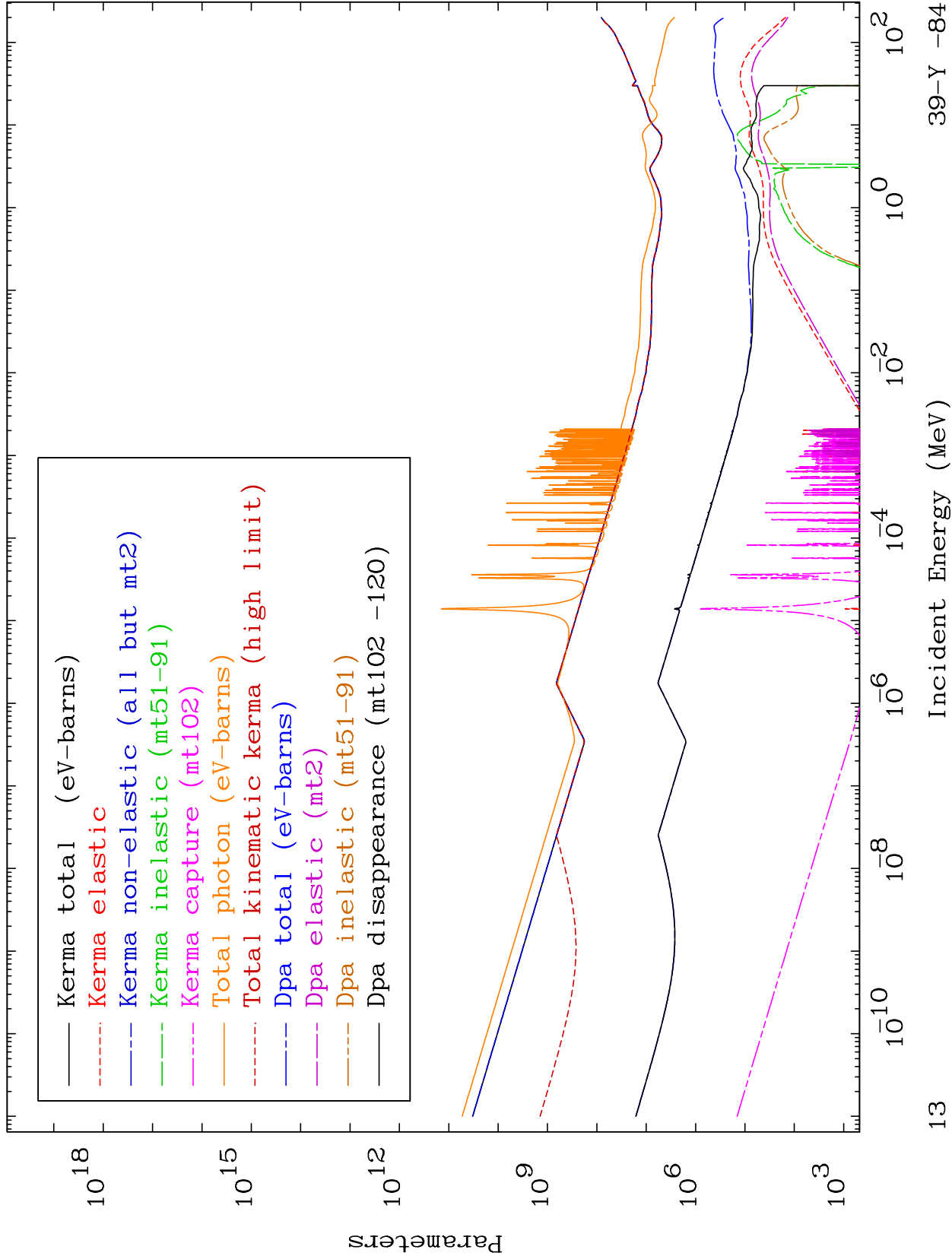
39-Y -84

MAT 3910

(n, α) Levels
293 Kelvin Cross Sections

39-Y -84

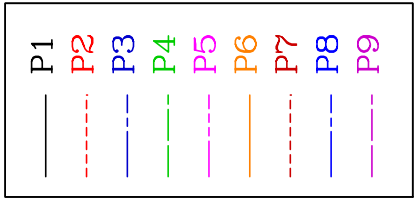
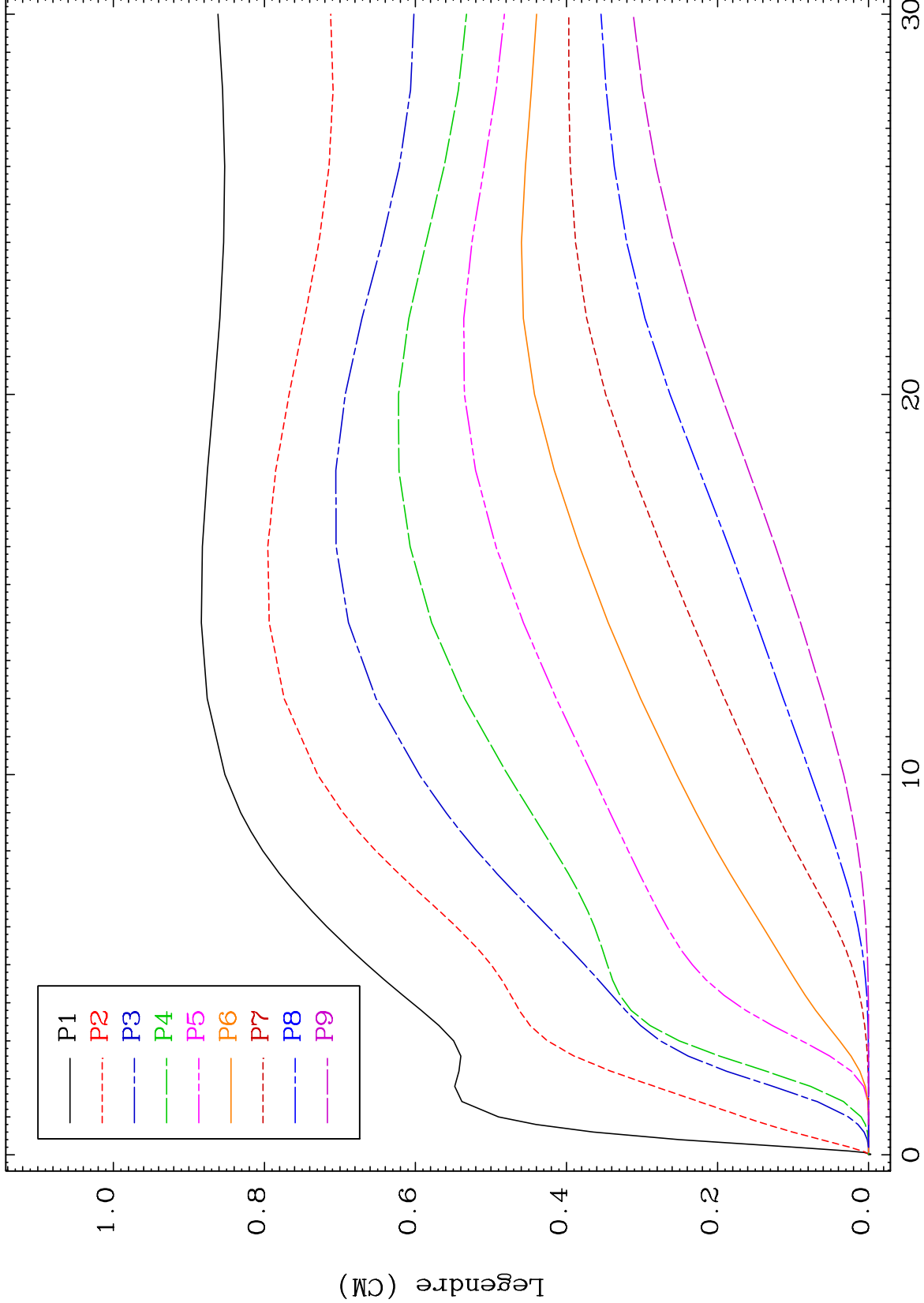




MAT 3910

Elastic Legendre Coefficients

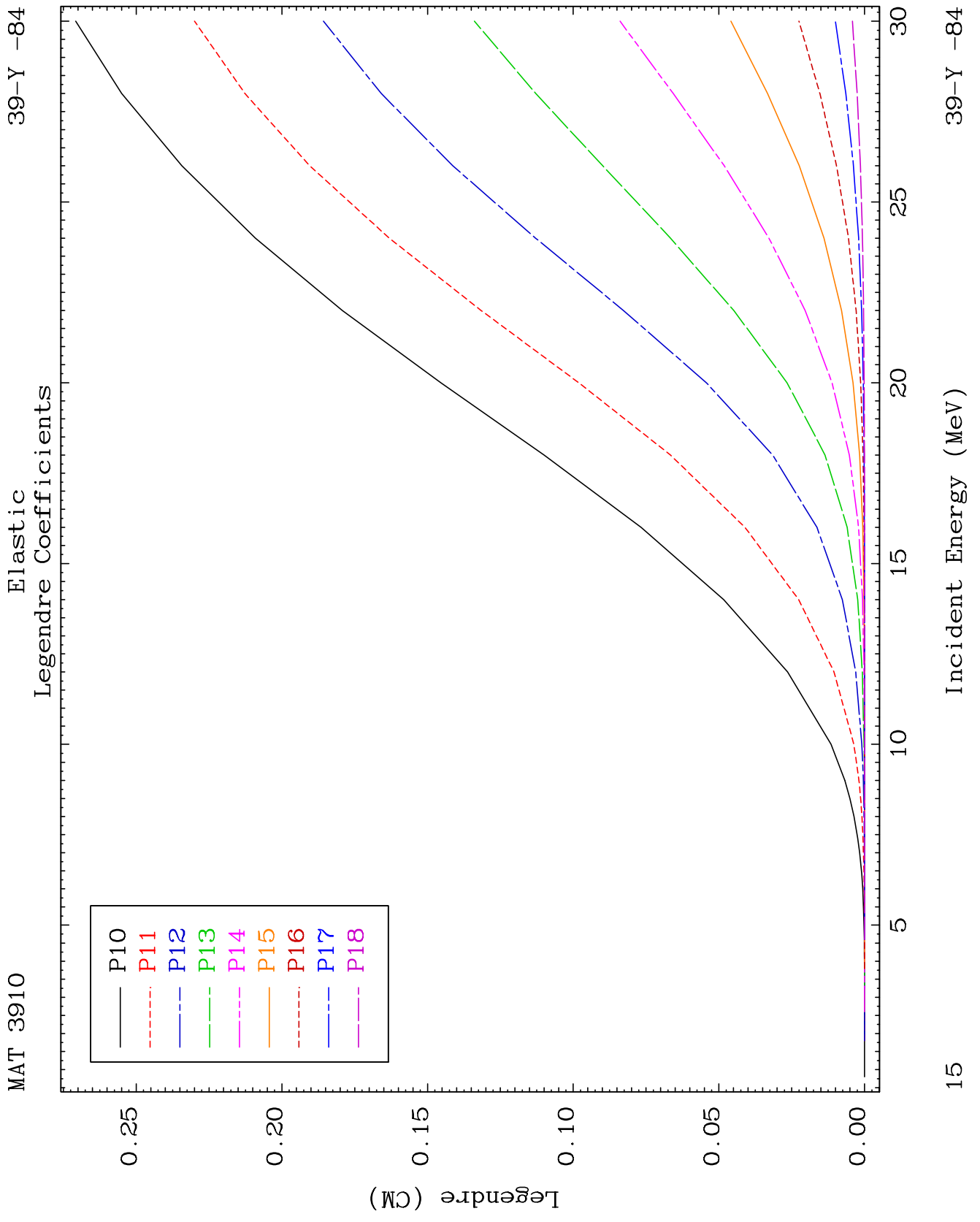
39-Y -84



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Incident Energy (MeV)

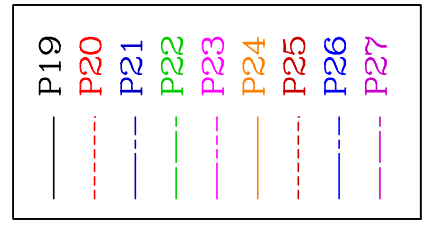
39-Y -84



MAT 3910

Elastic Legendre Coefficients

39-Y -84



$\times 10^{-3}$
1.5
1.0

Legendre (CM)

0.5

0.0

10

15

20

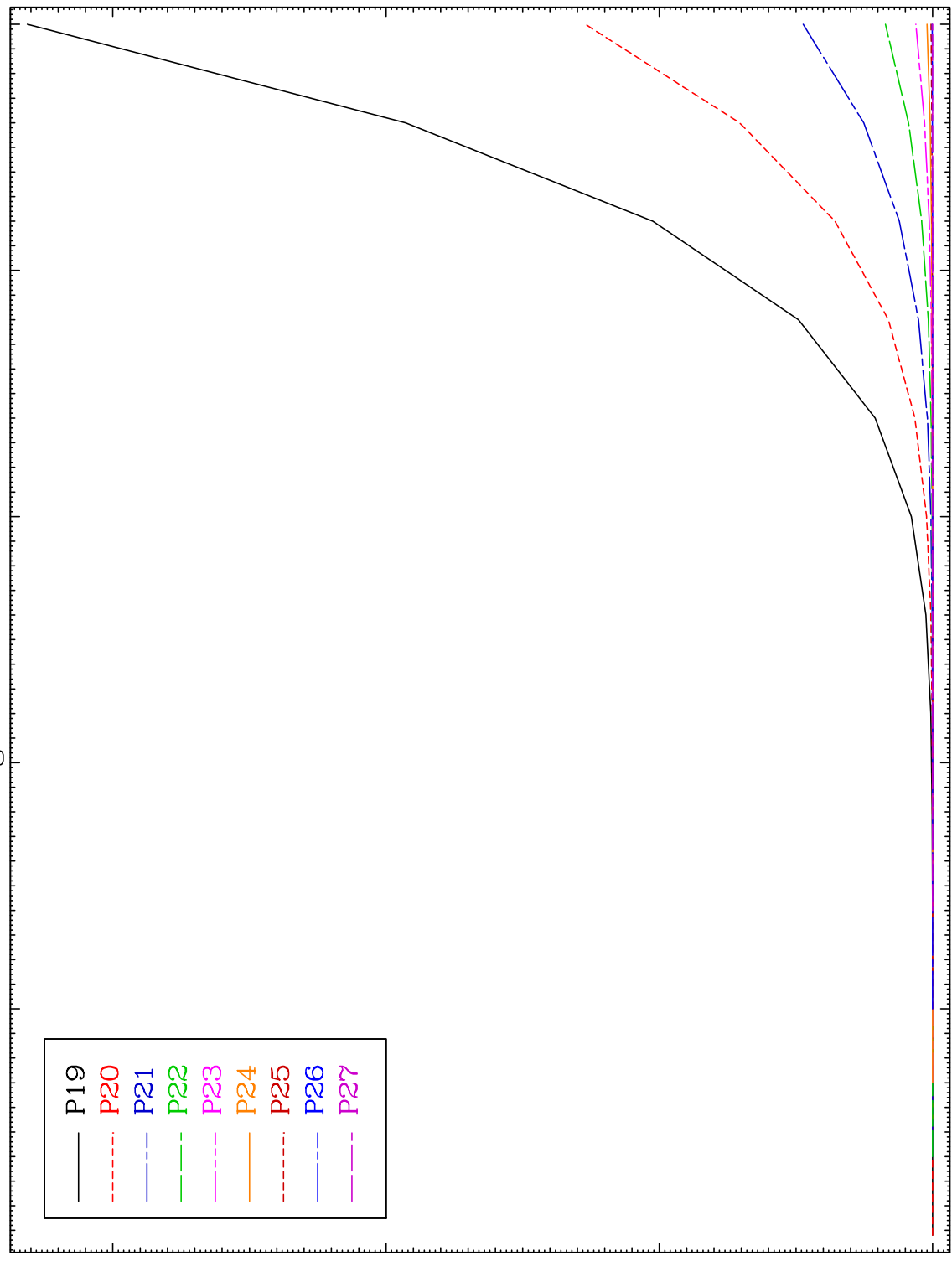
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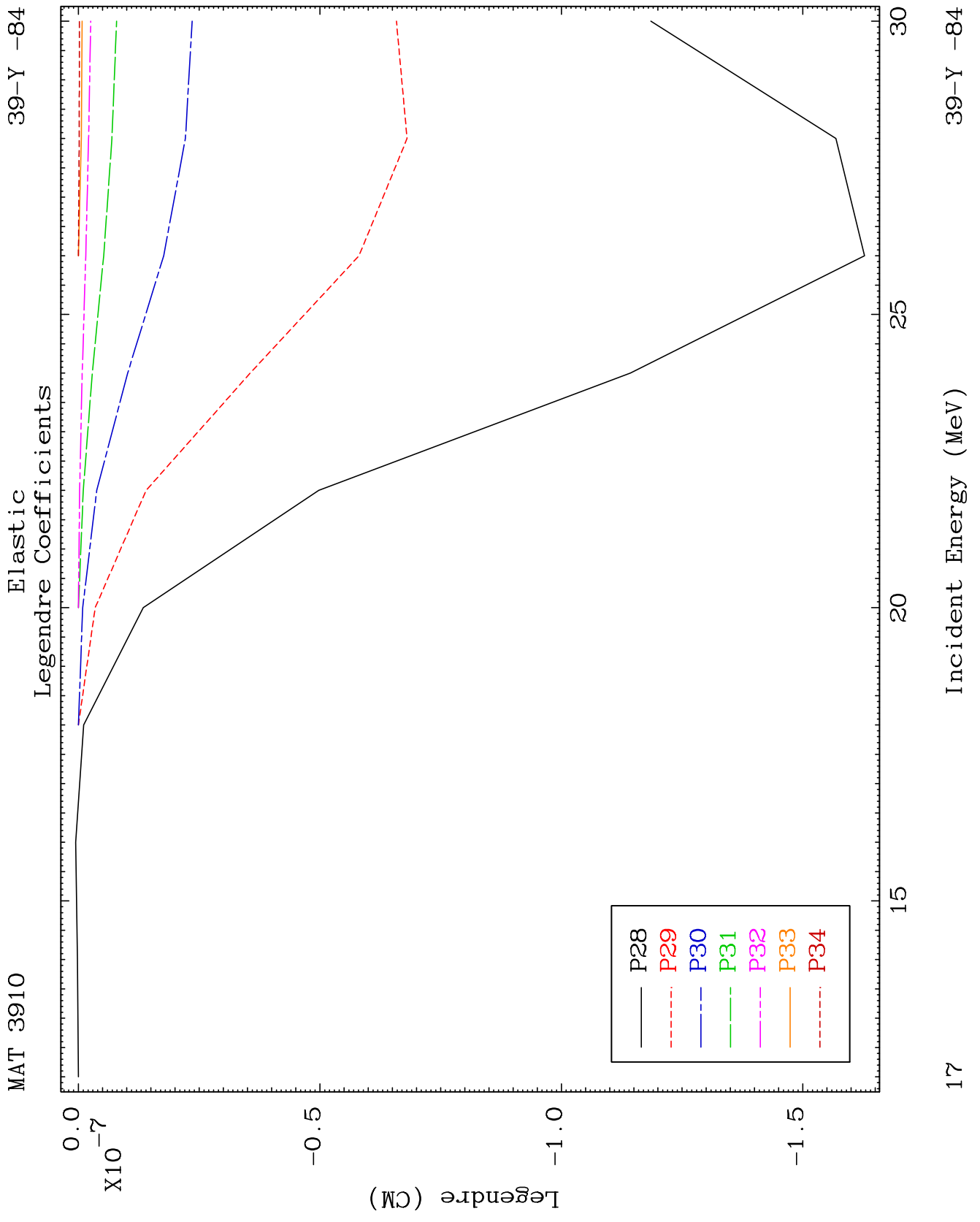
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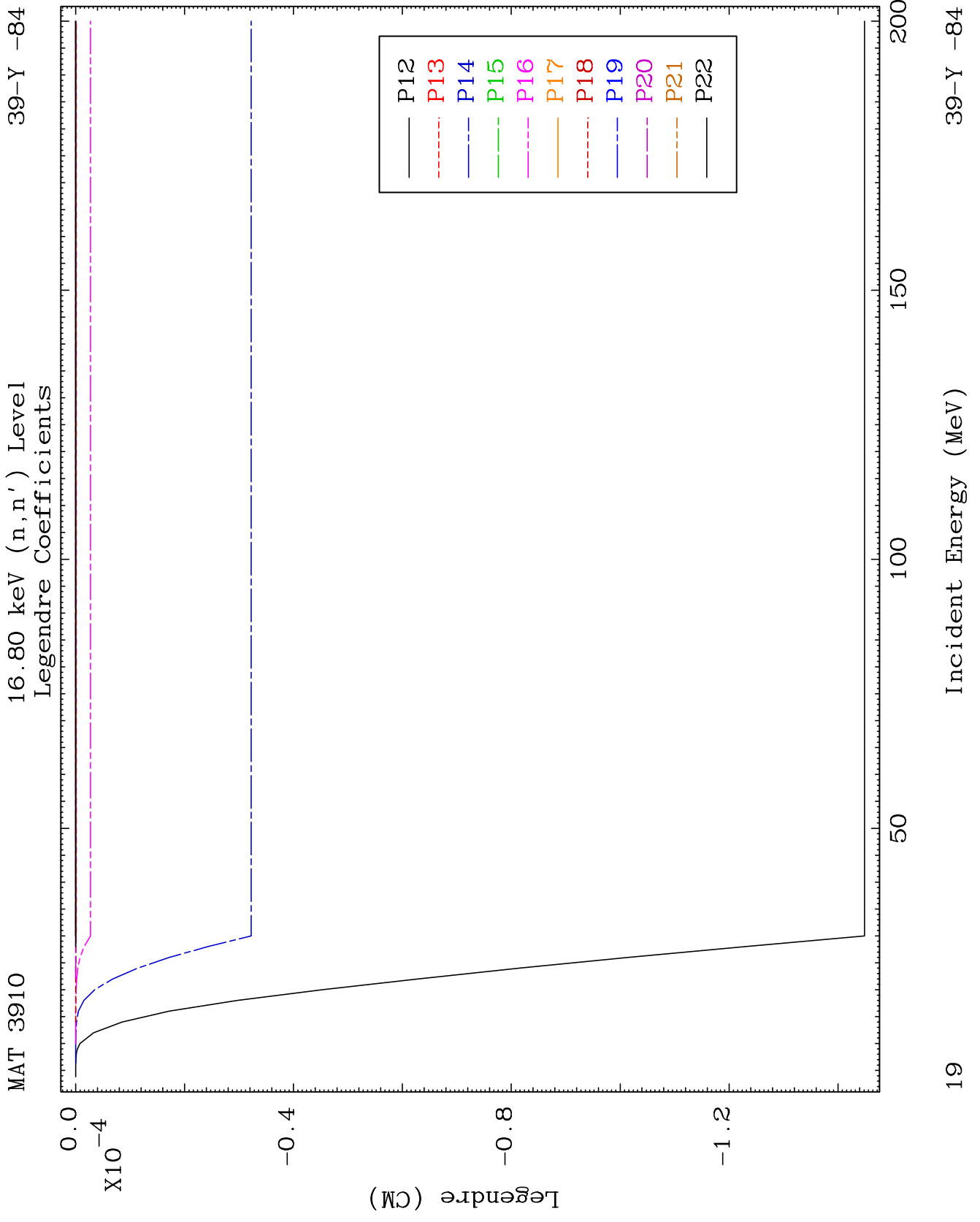
16

Incident Energy (MeV)

39-Y -84



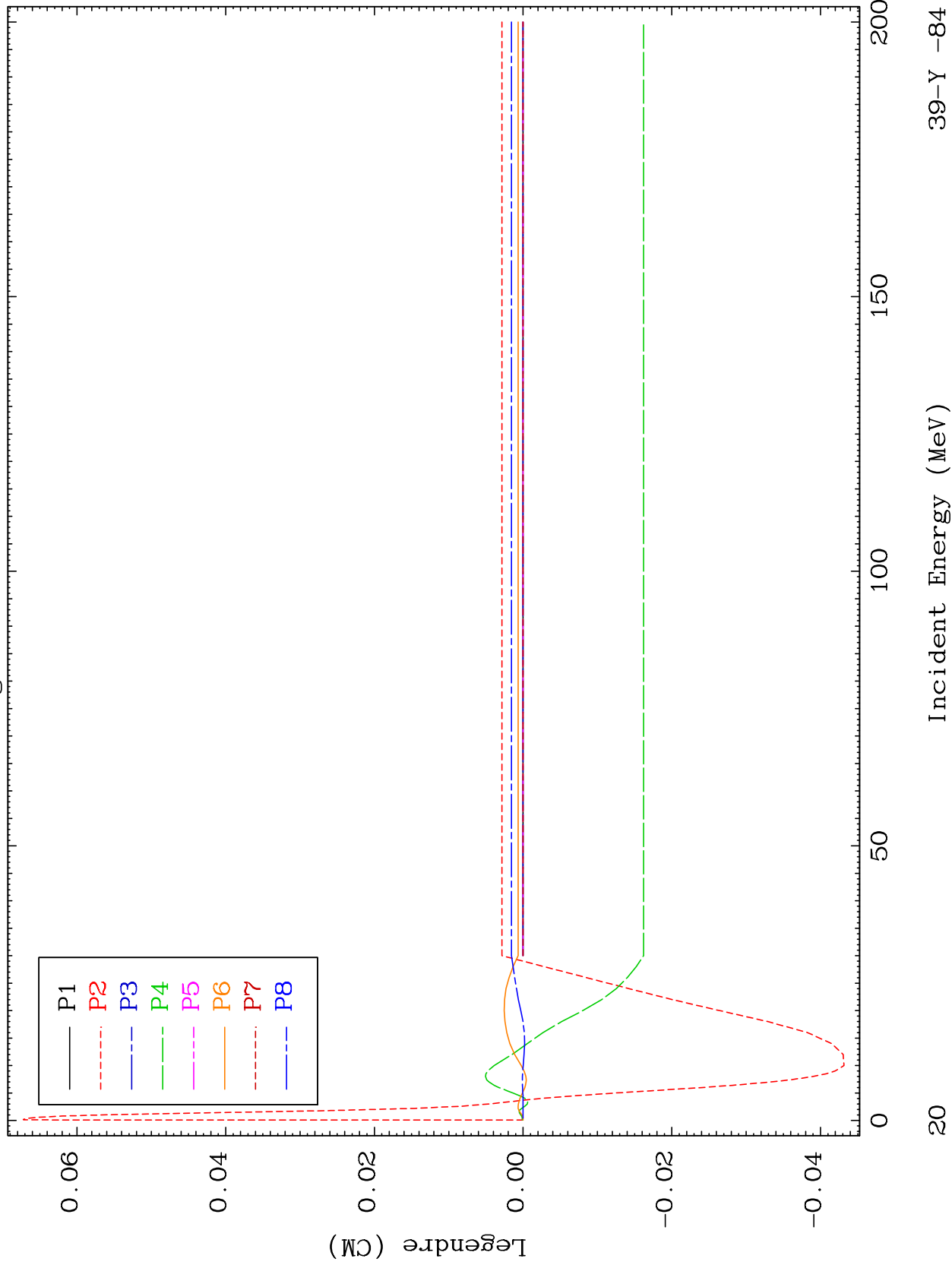




MAT 3910

67.00 keV (n,n') Level
Legendre Coefficients

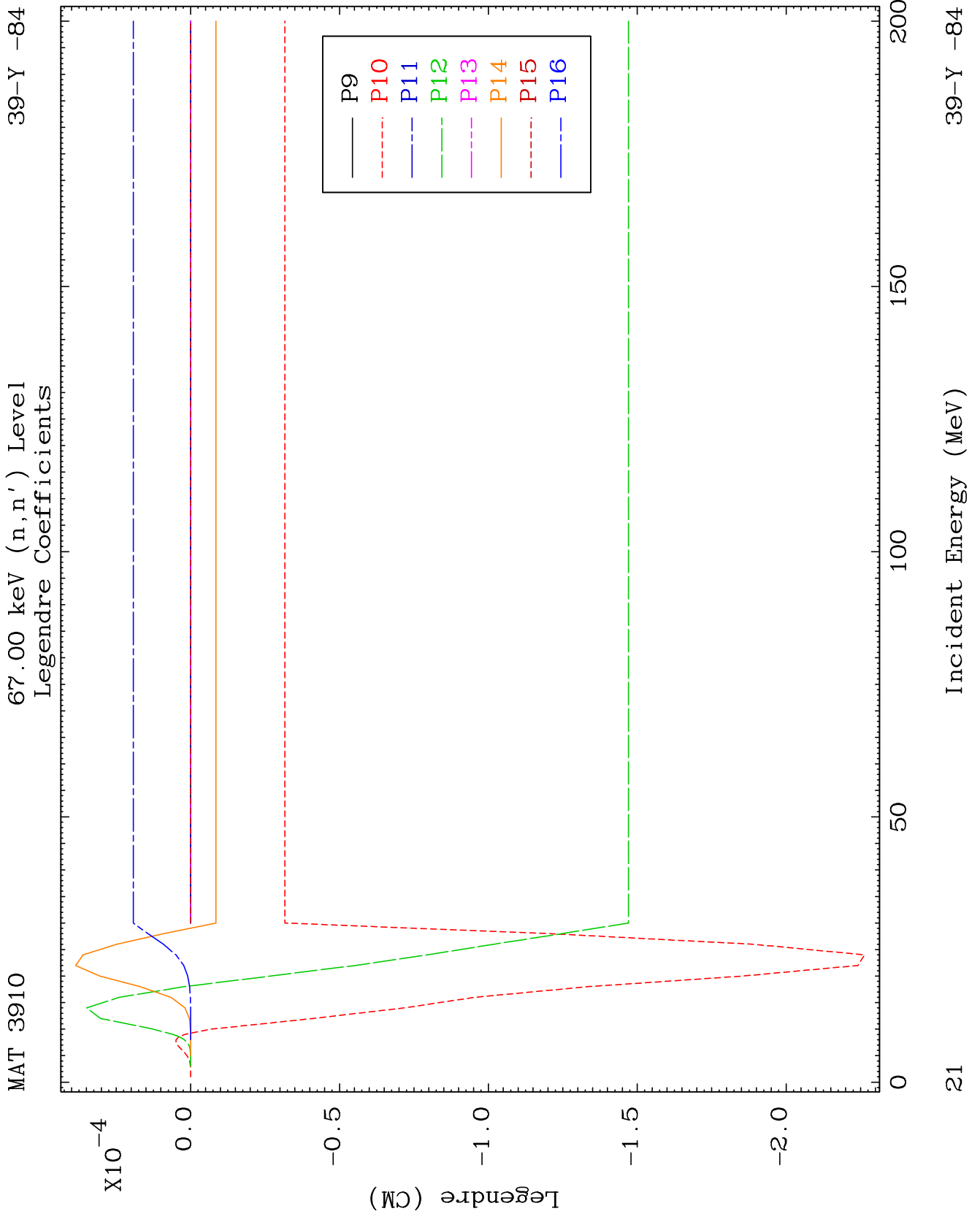
39-Y -84

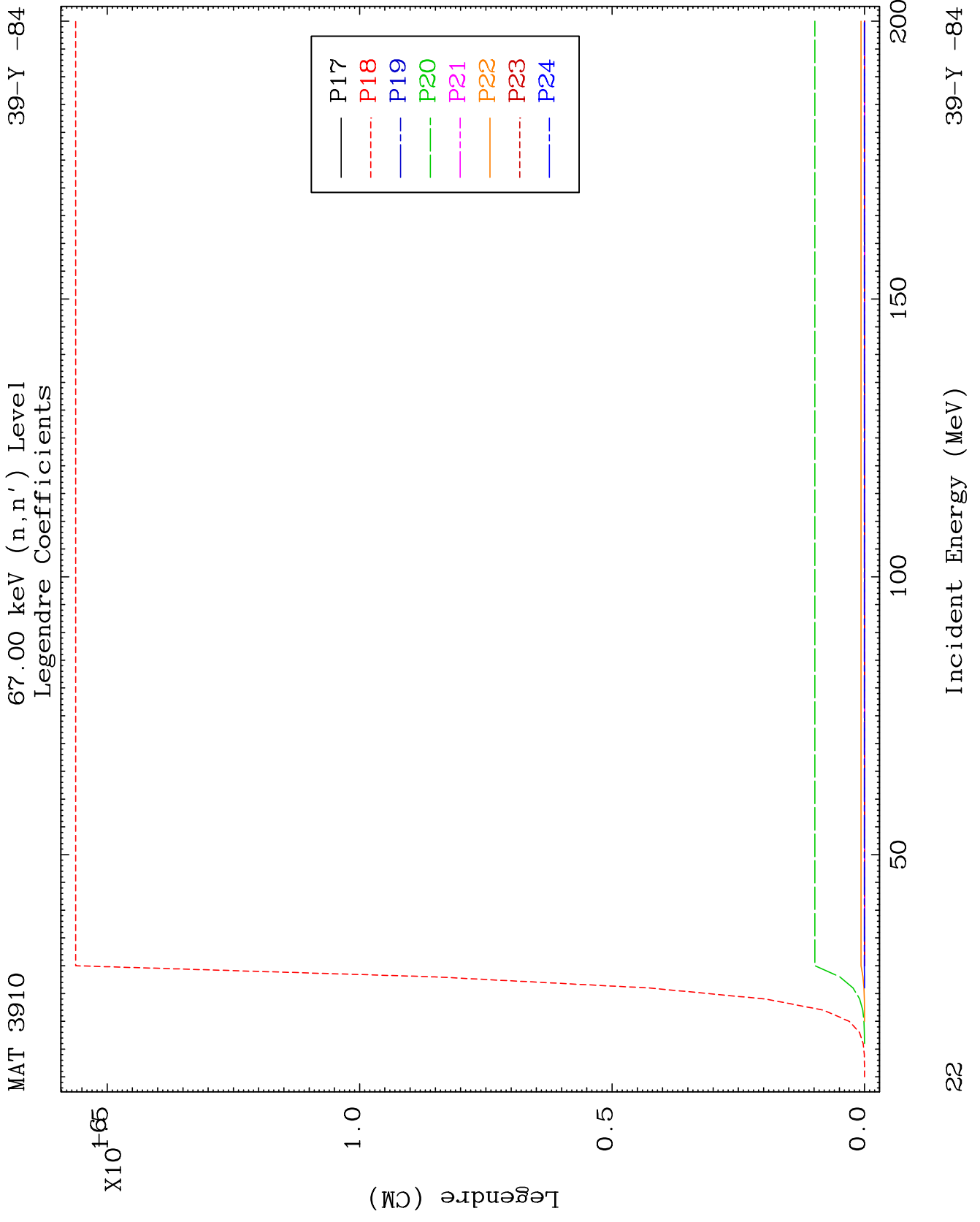


39-Y -84

Incident Energy (MeV)

20

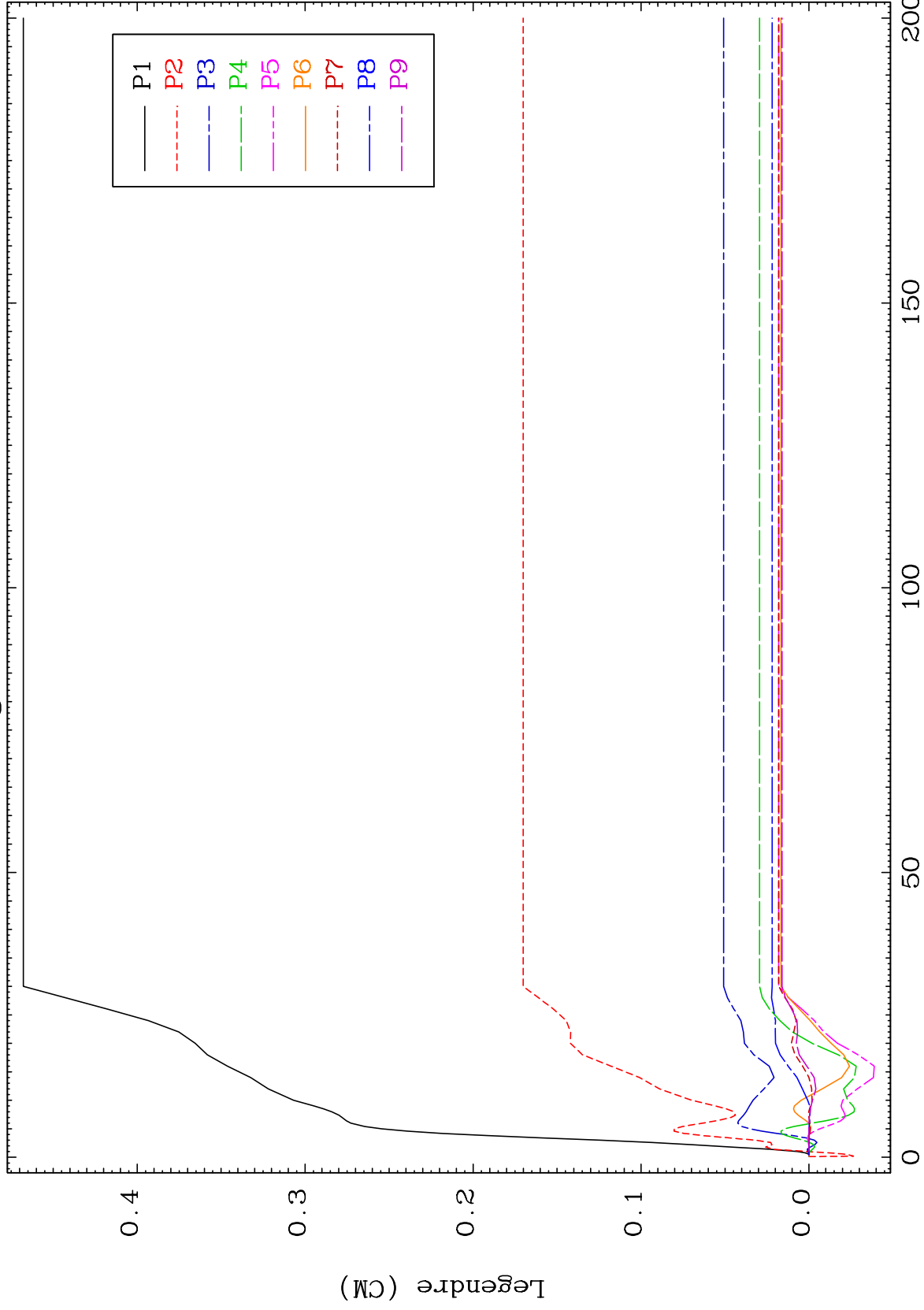




MAT 3910

112.4 keV (n,n') Level
Legendre Coefficients

39-Y -84



23

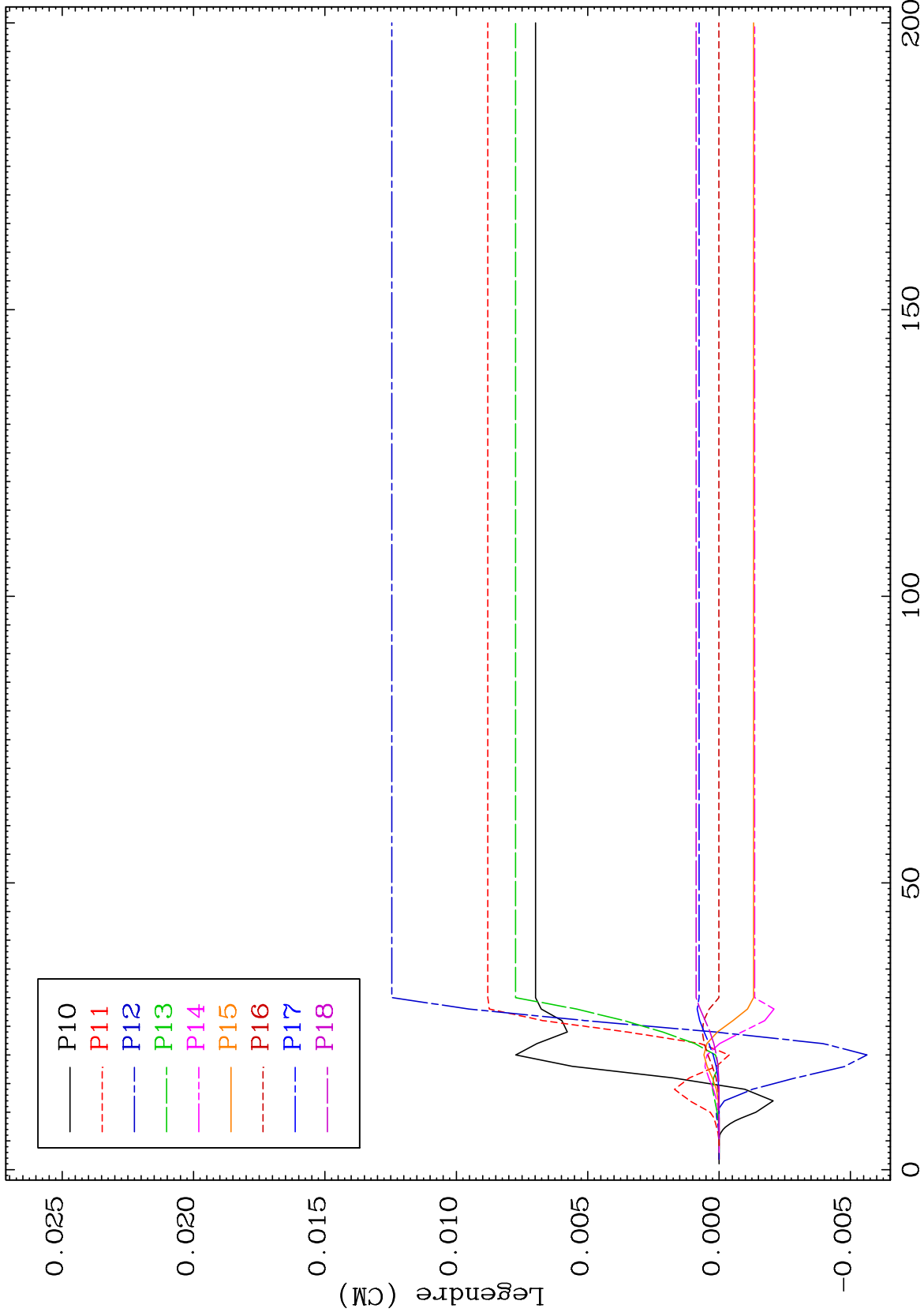
Incident Energy (MeV)

39-Y -84

MAT 3910

112.4 keV (n,n') Level
Legendre Coefficients

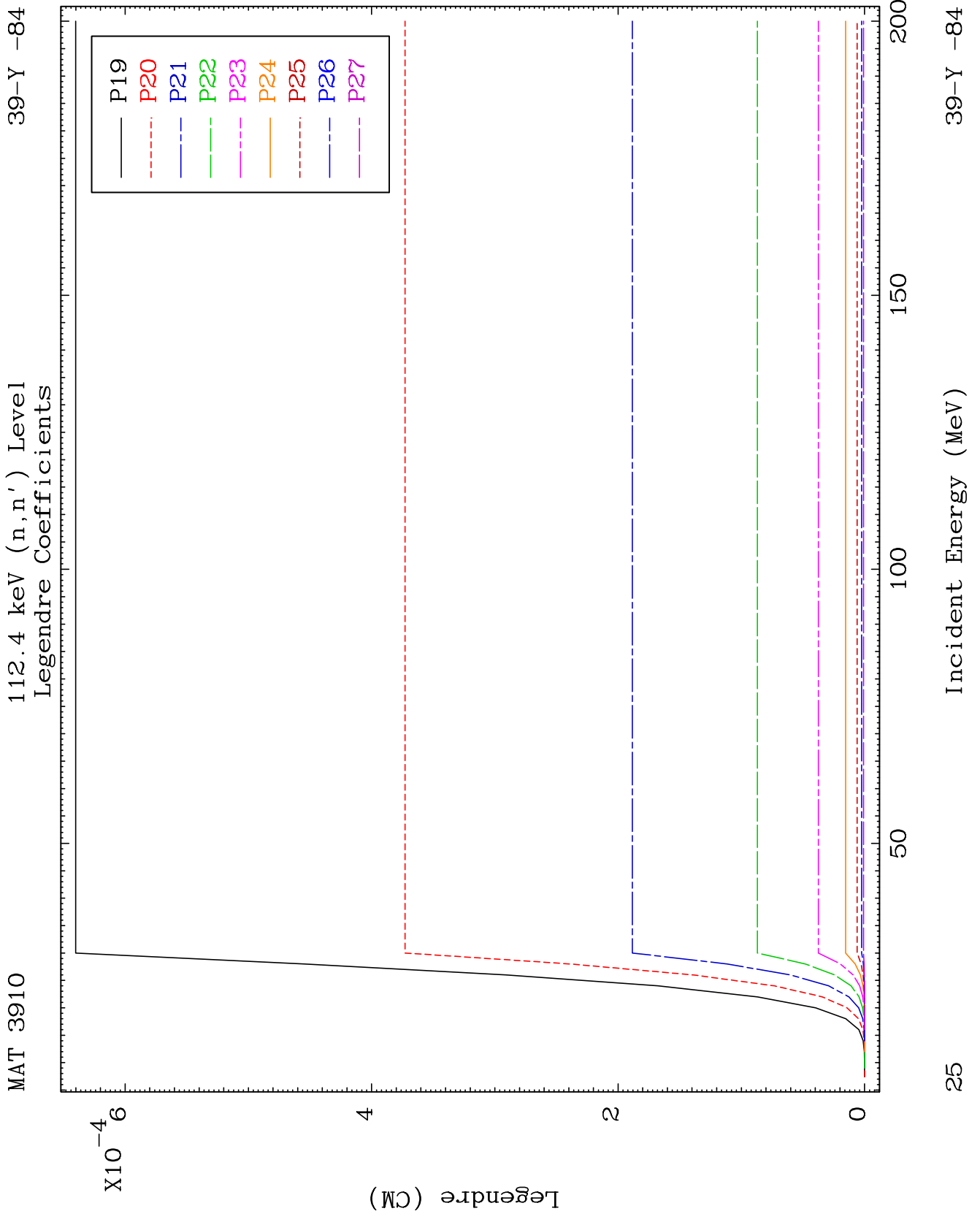
39-Y -84



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Incident Energy (MeV)

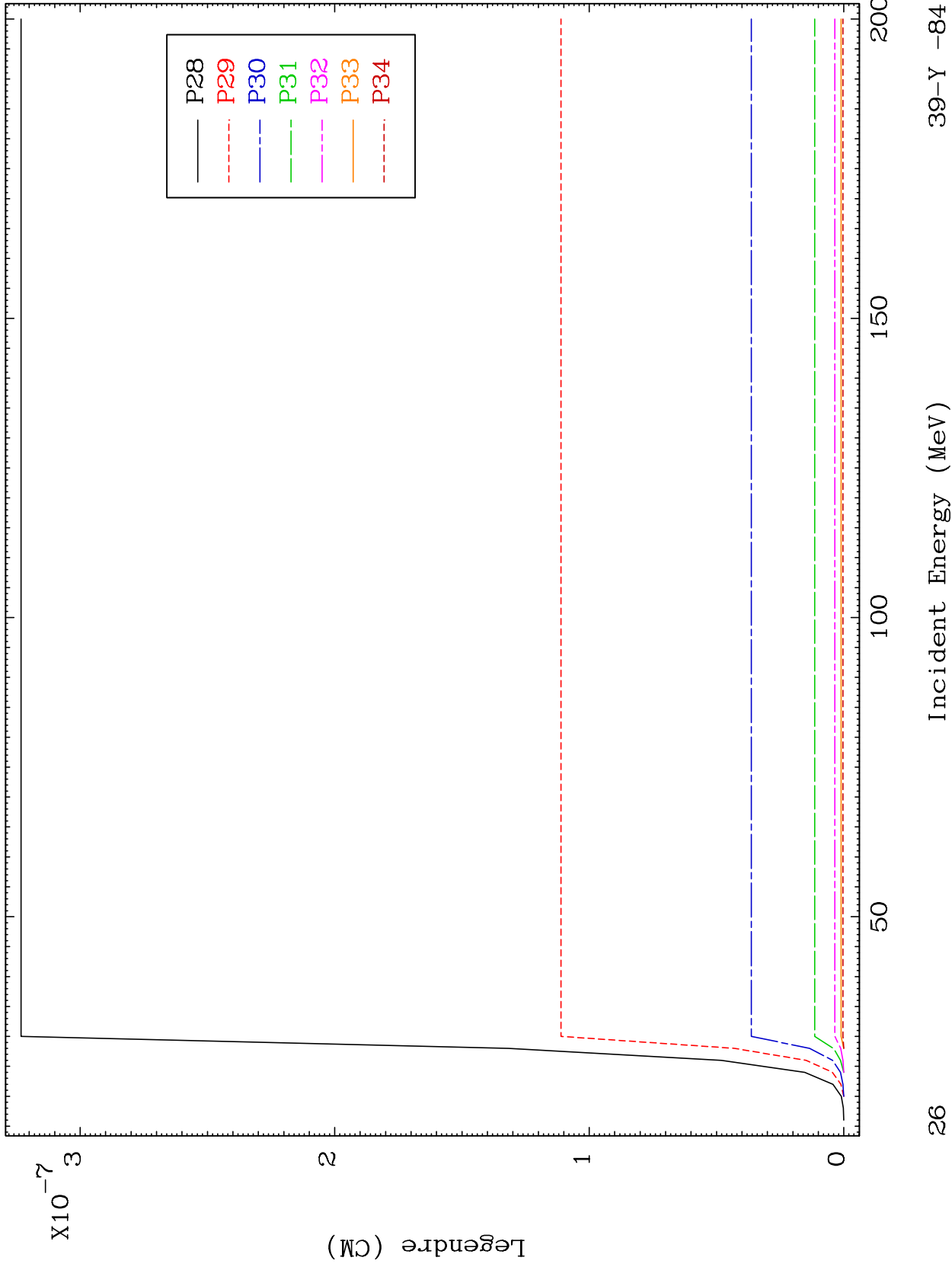
39-Y -84



MAT 3910

112.4 keV (n,n') Level
Legendre Coefficients

39-Y -84



26

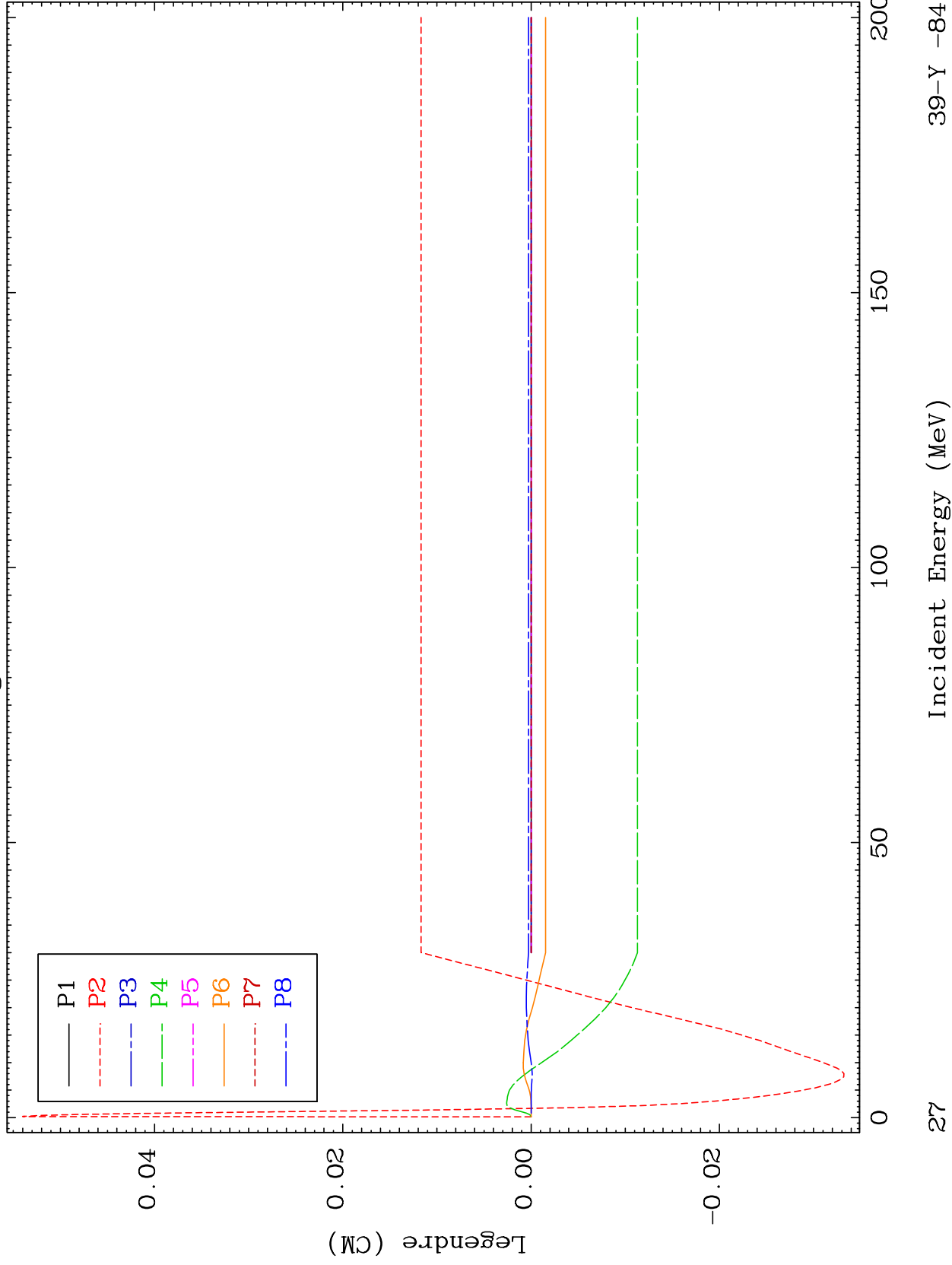
Incident Energy (MeV)

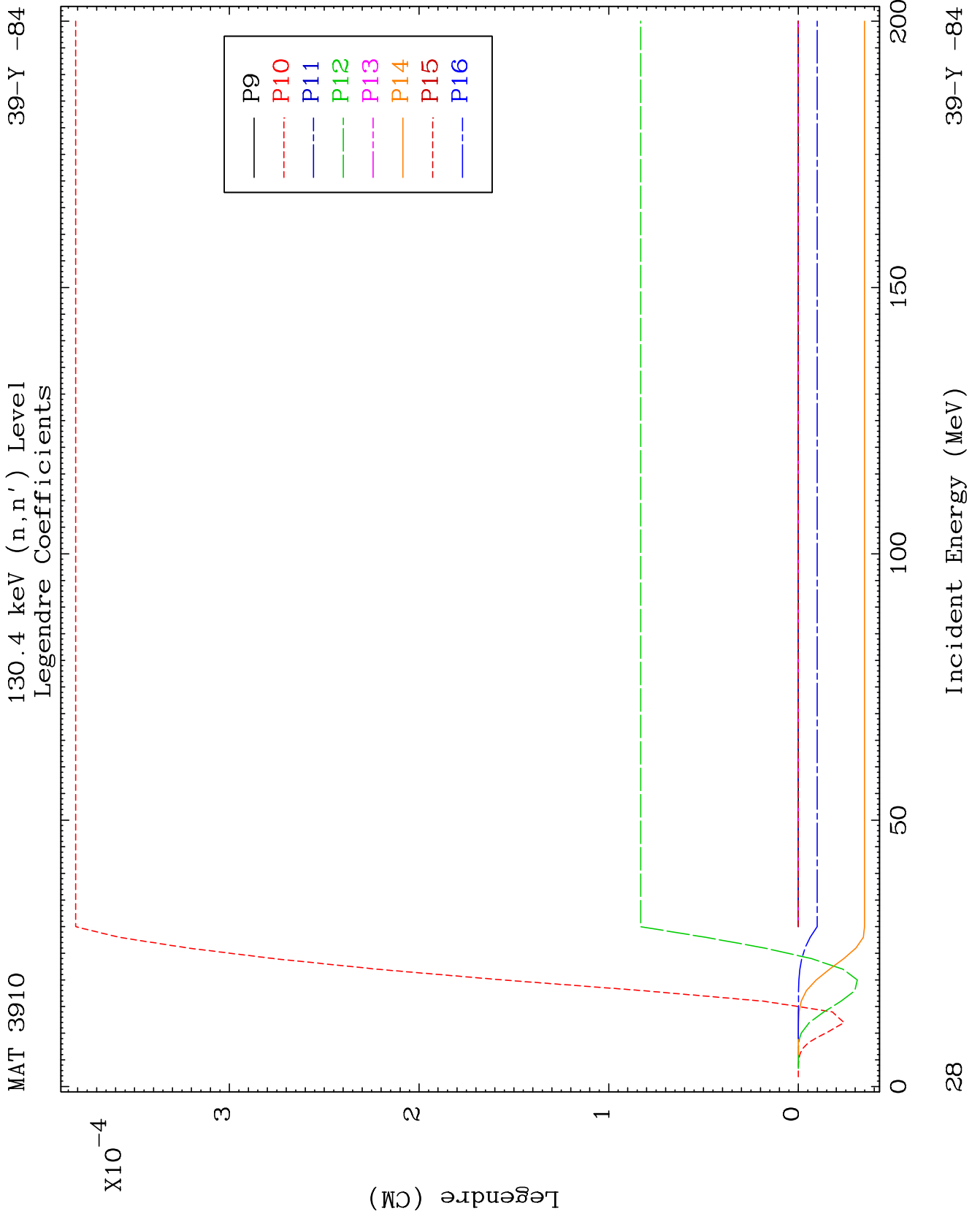
39-Y -84

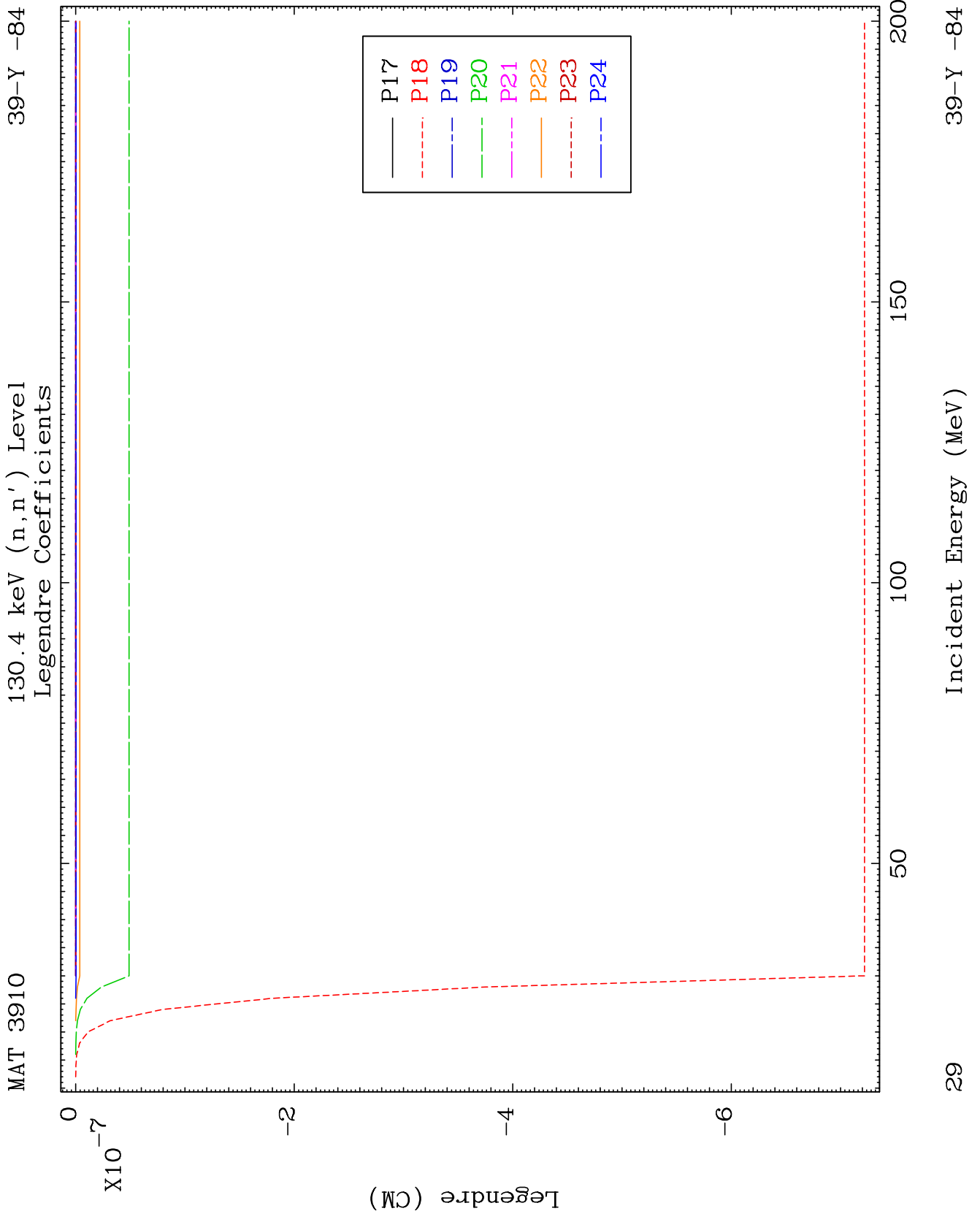
MAT 3910

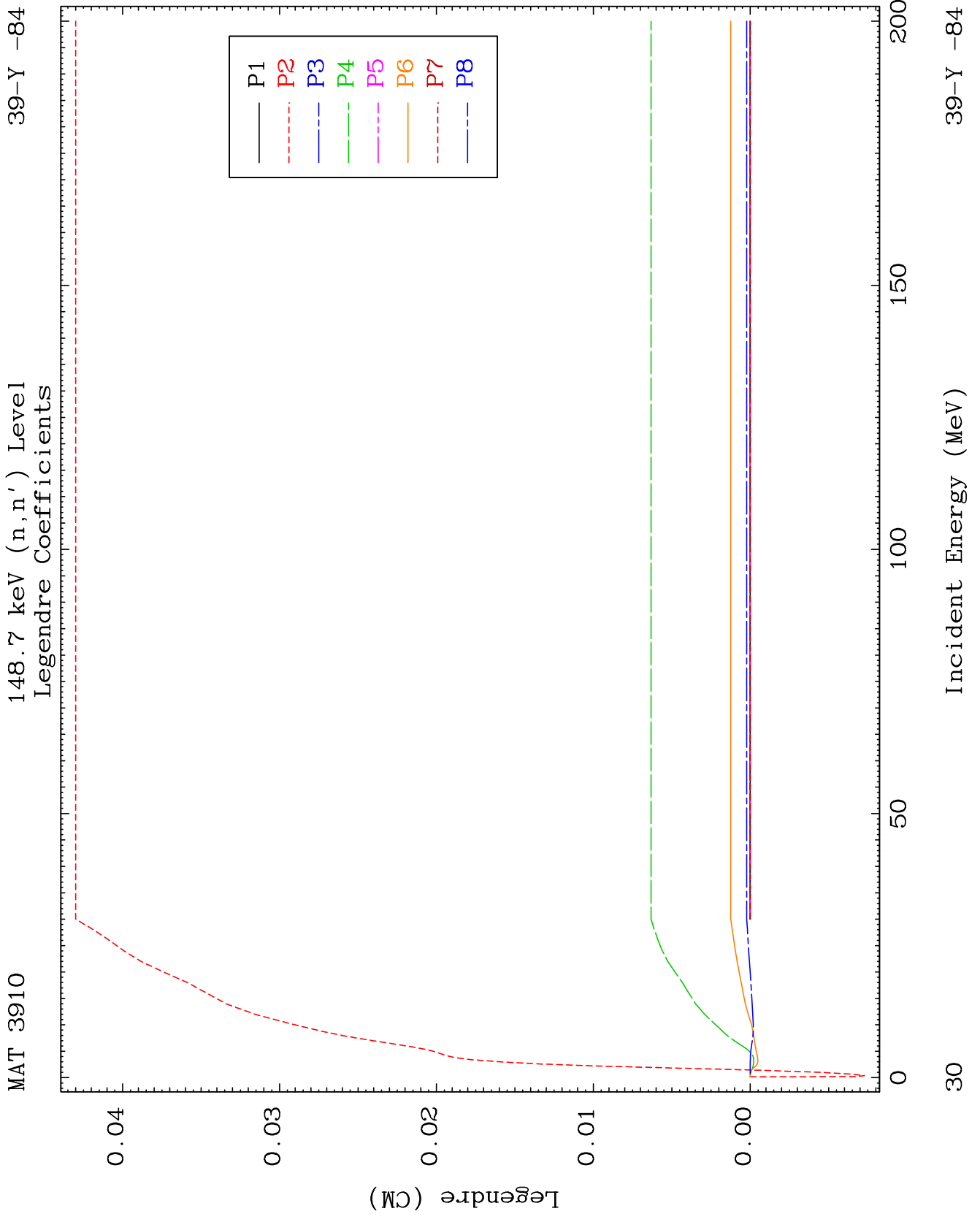
130.4 keV (n,n') Level
Legendre Coefficients

39-Y -84





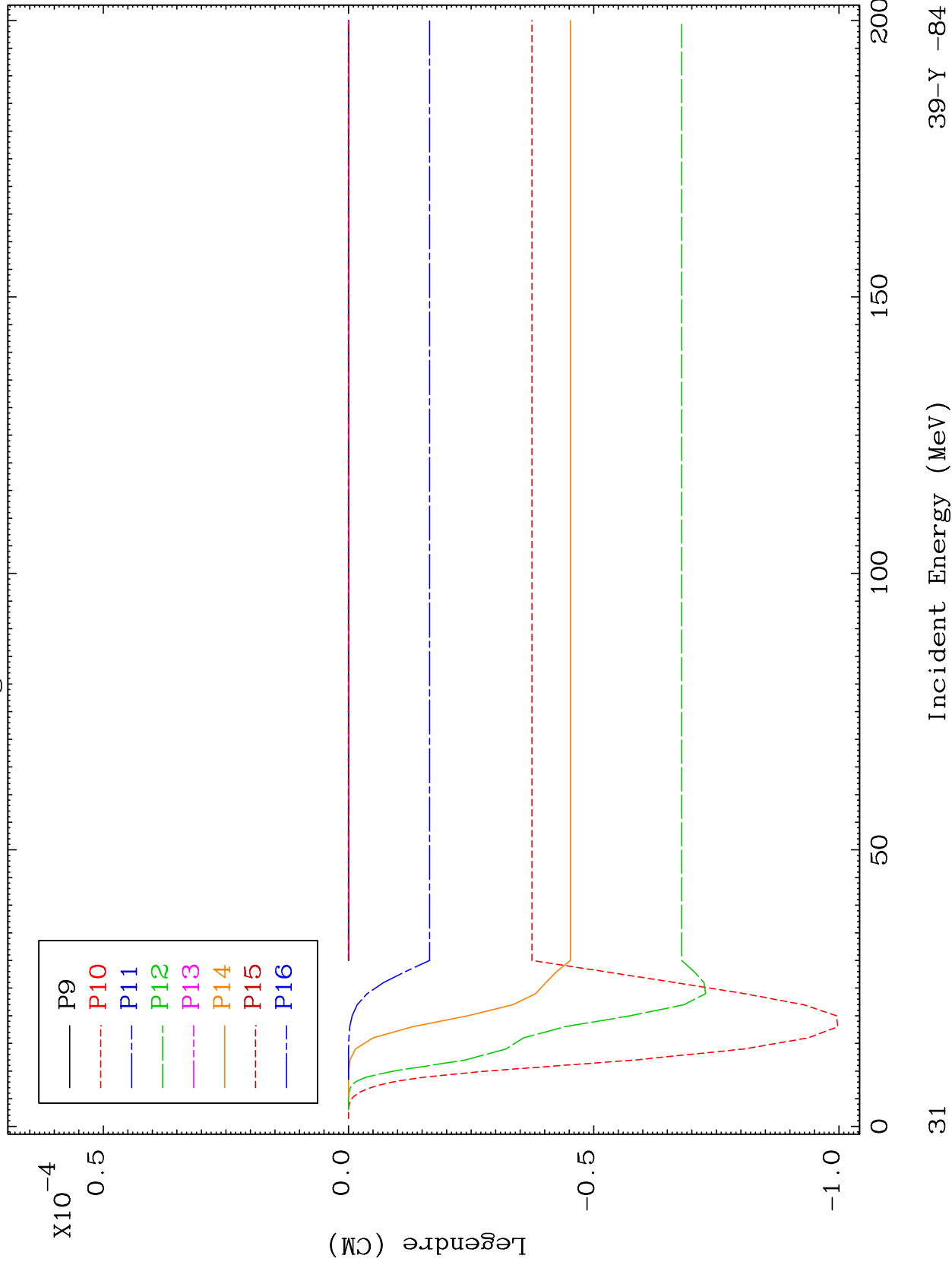




MAT 3910

148.7 keV (n,n') Level
Legendre Coefficients

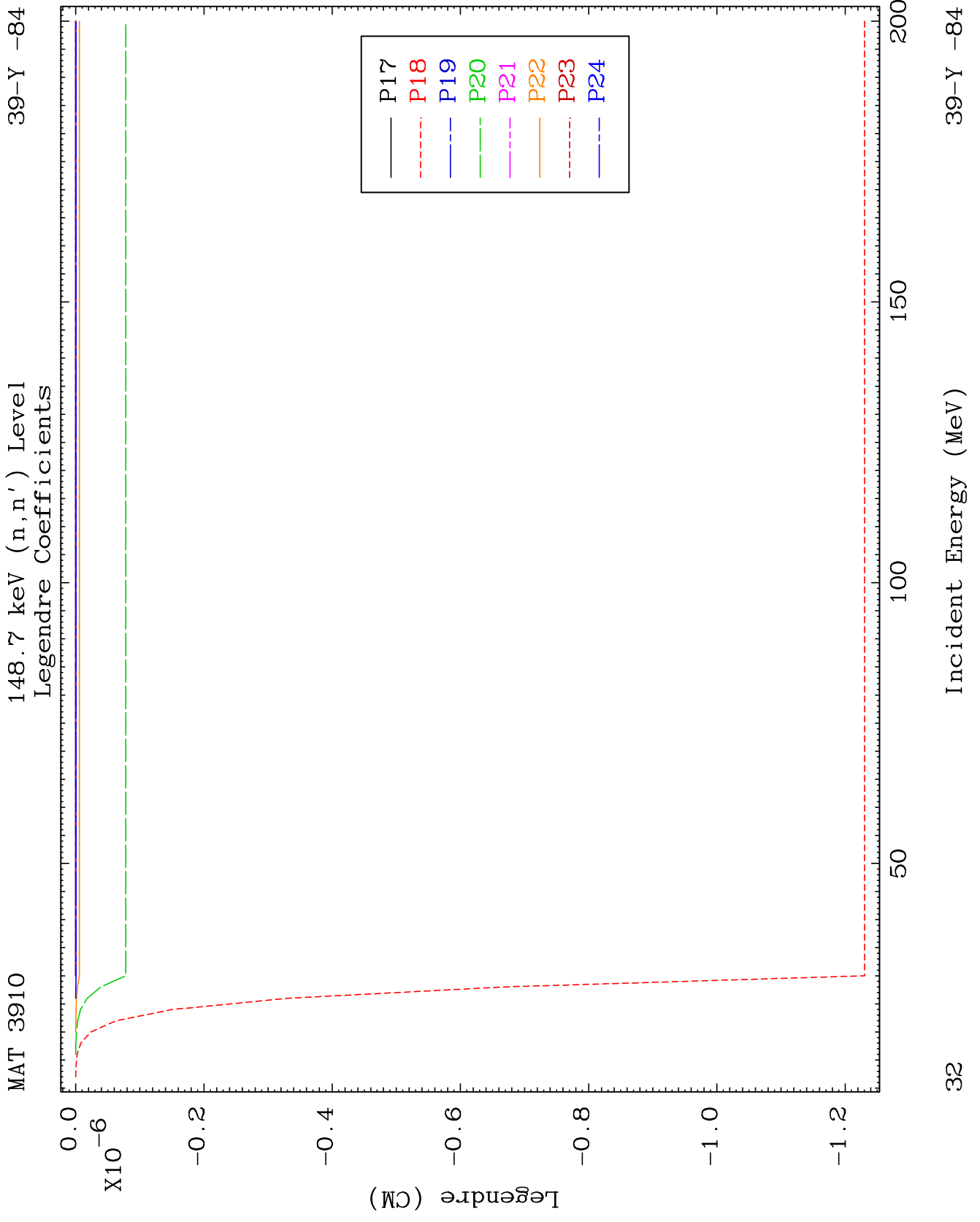
39-Y -84



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Incident Energy (MeV)

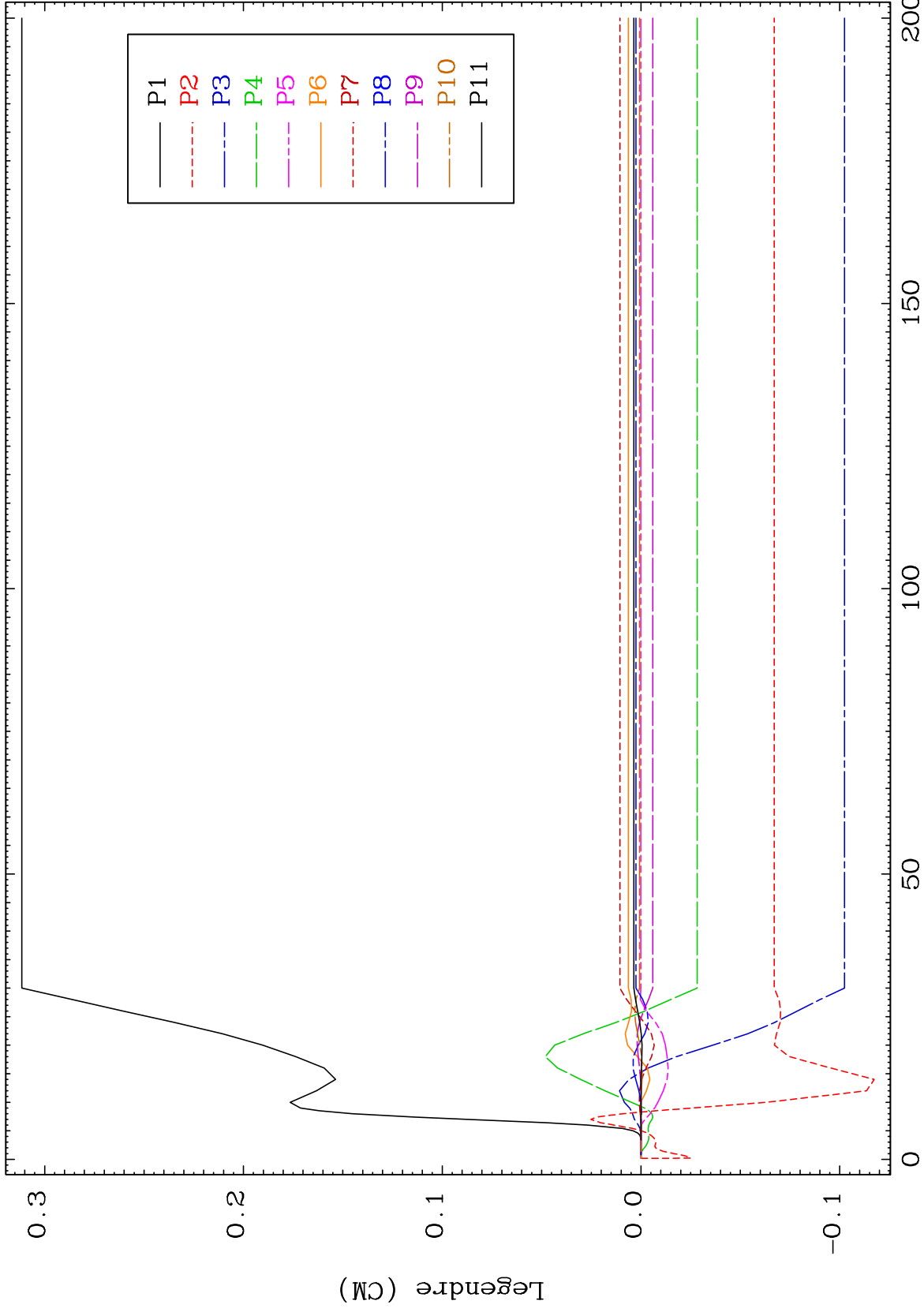
39-Y -84



MAT 3910

156.7 keV (n,n') Level
Legendre Coefficients

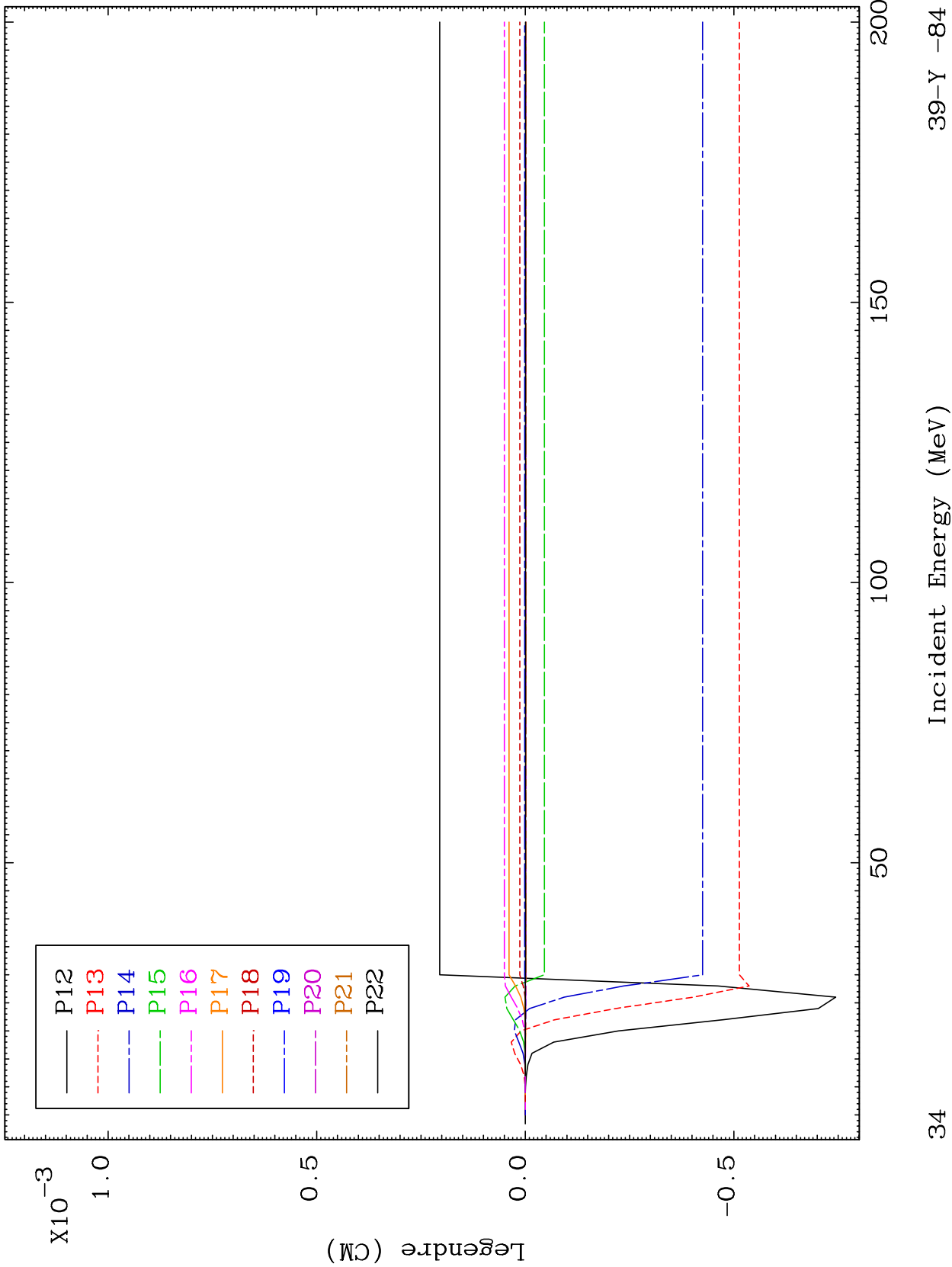
39-Y -84

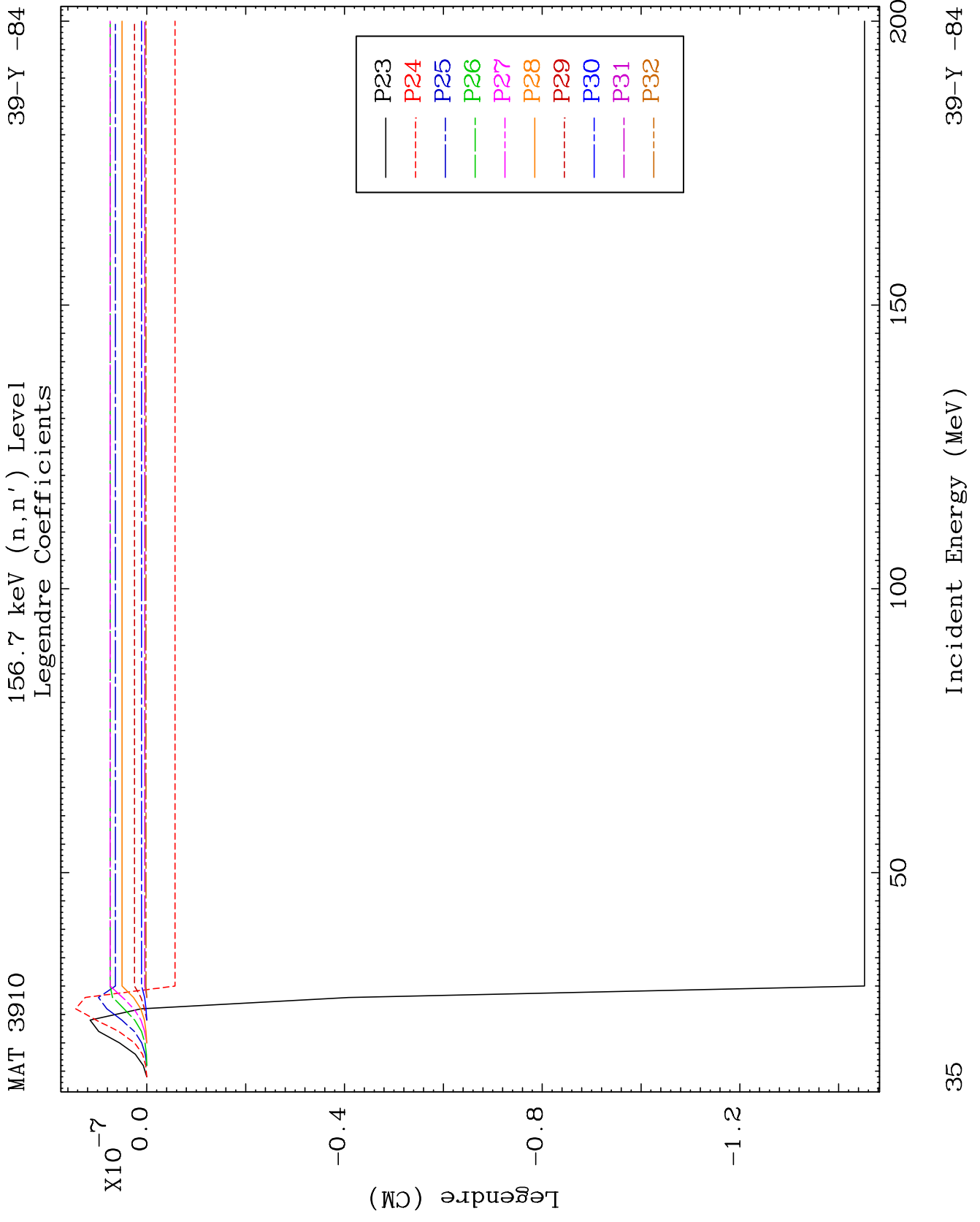


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Incident Energy (MeV)

39-Y -84

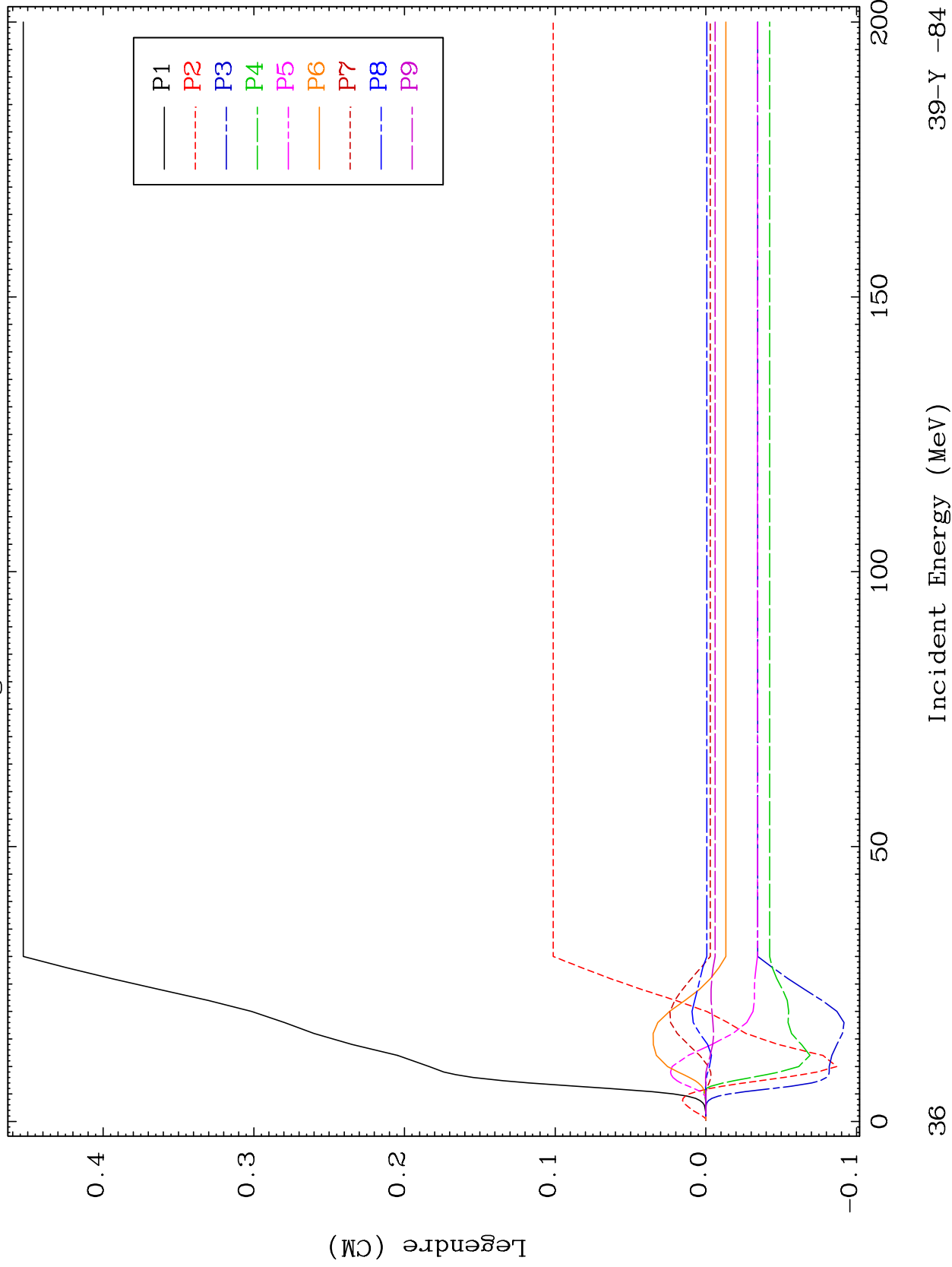




MAT 3910

160.1 keV (n,n') Level
Legendre Coefficients

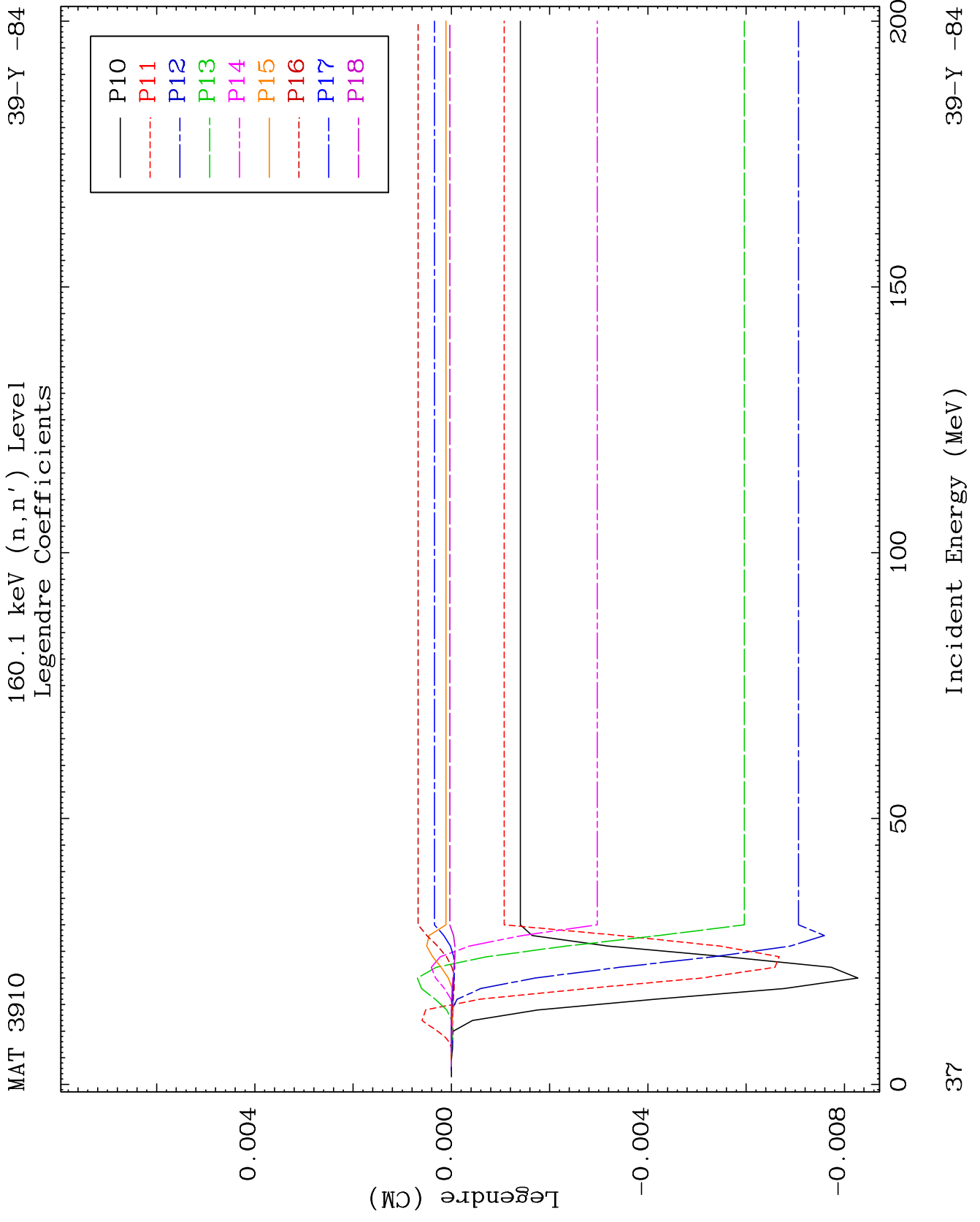
39-Y -84



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Incident Energy (MeV)

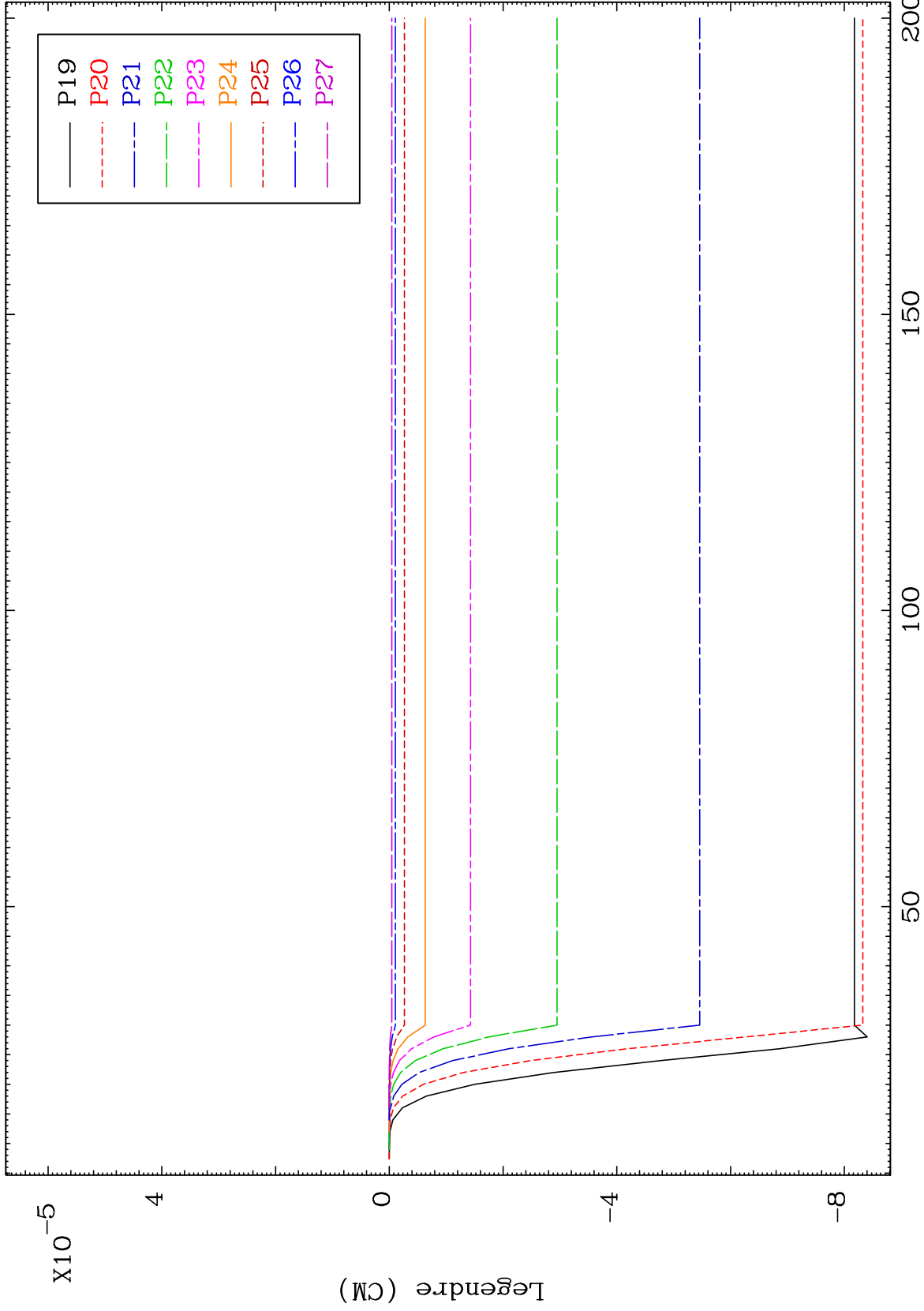
39-Y -84



MAT 3910

160.1 keV (n,n') Level Legendre Coefficients

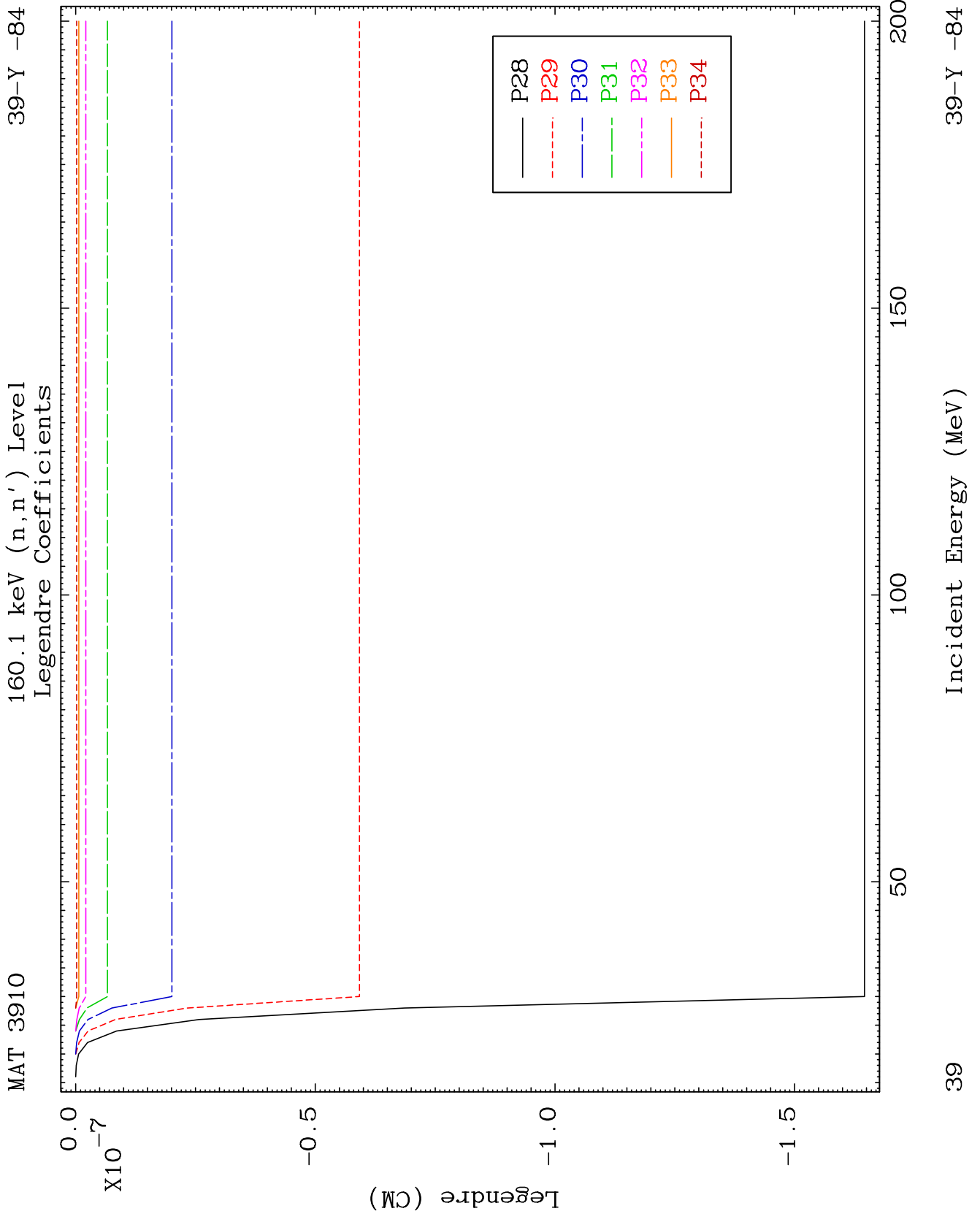
39-Y -84



38

Incident Energy (MeV)

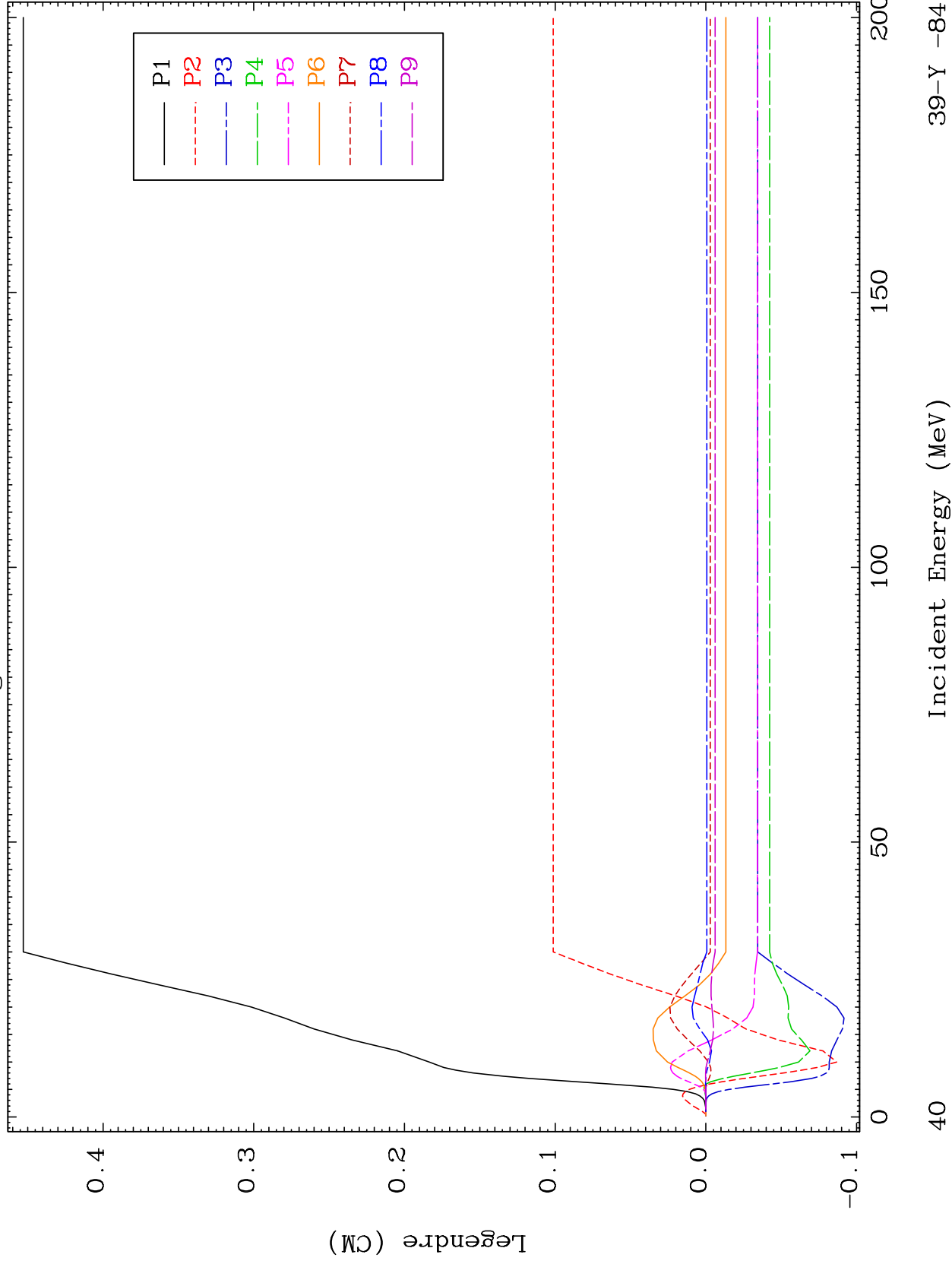
39-Y -84



MAT 3910

162.9 keV (n,n') Level
Legendre Coefficients

39-Y -84

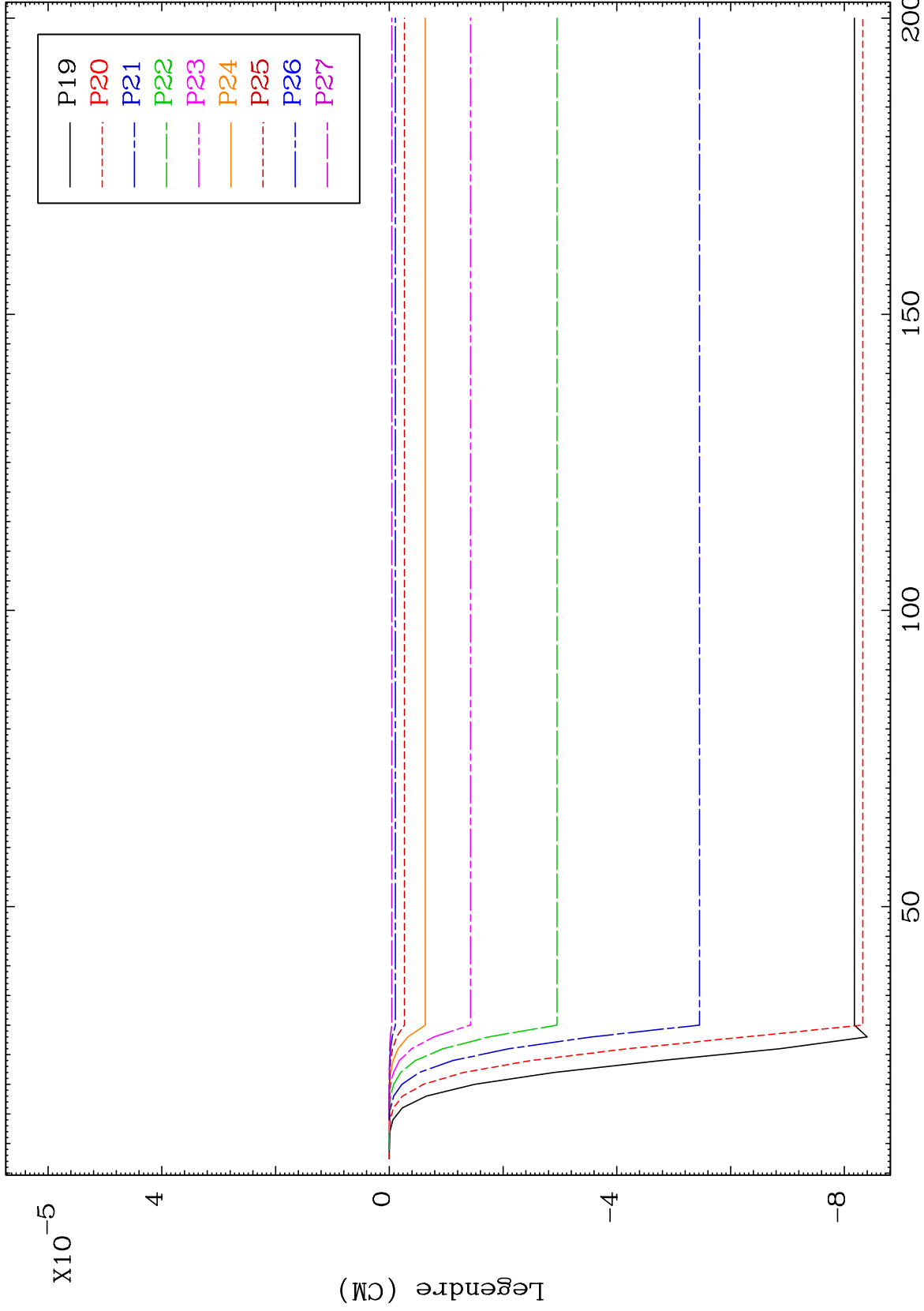


39-Y -84

MAT 3910

162.9 keV (n,n') Level
Legendre Coefficients

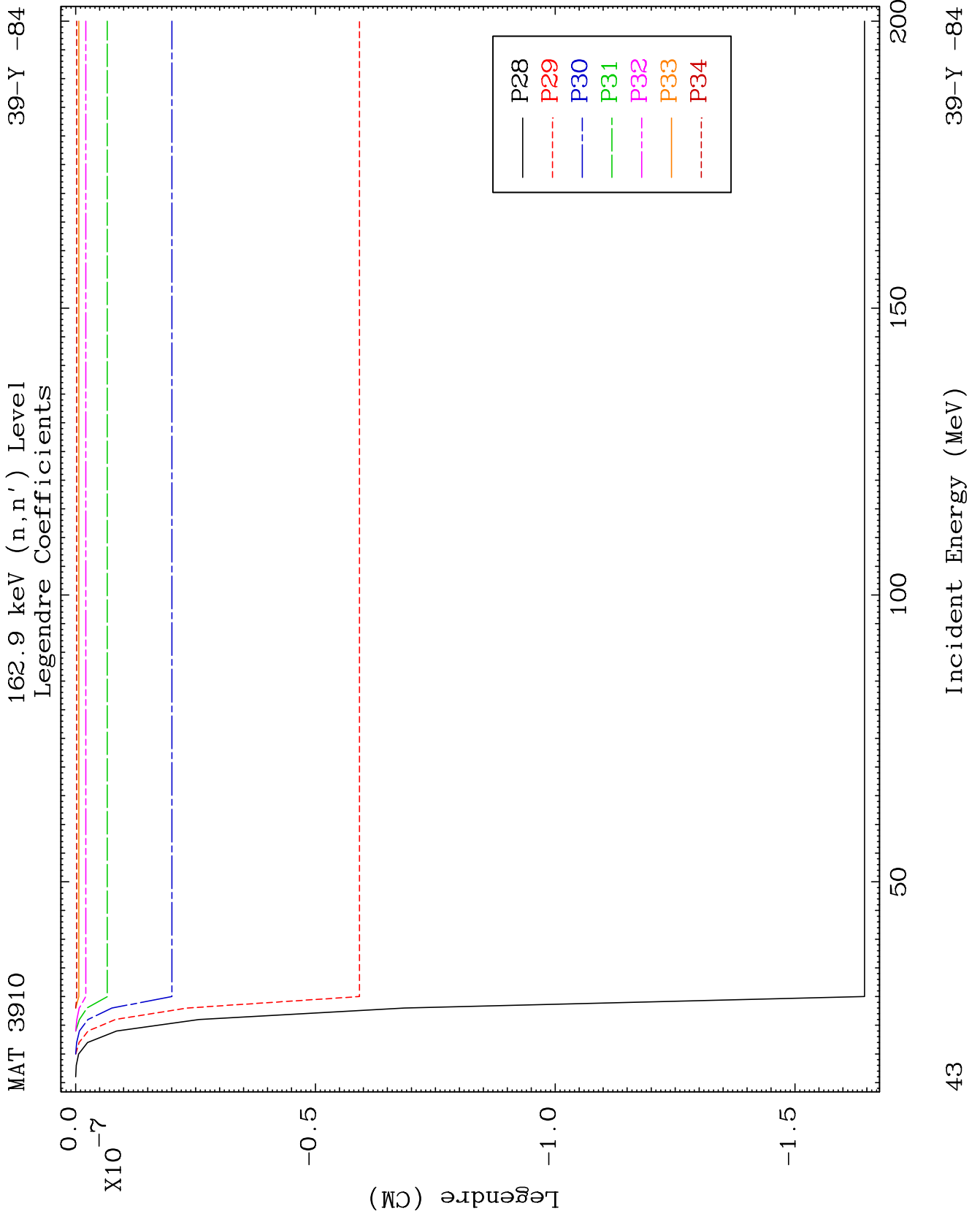
39-Y -84



42

Incident Energy (MeV)

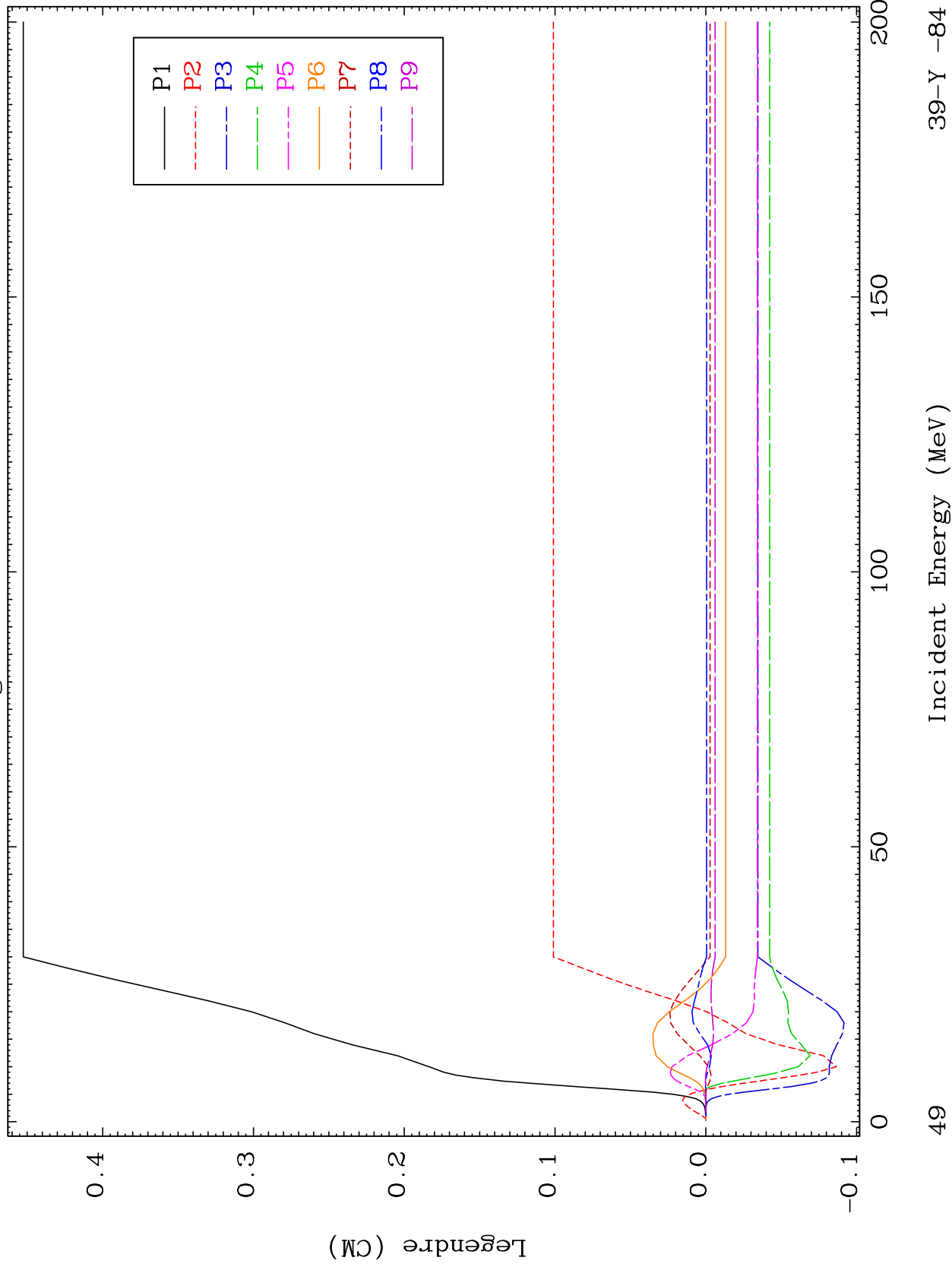
39-Y -84

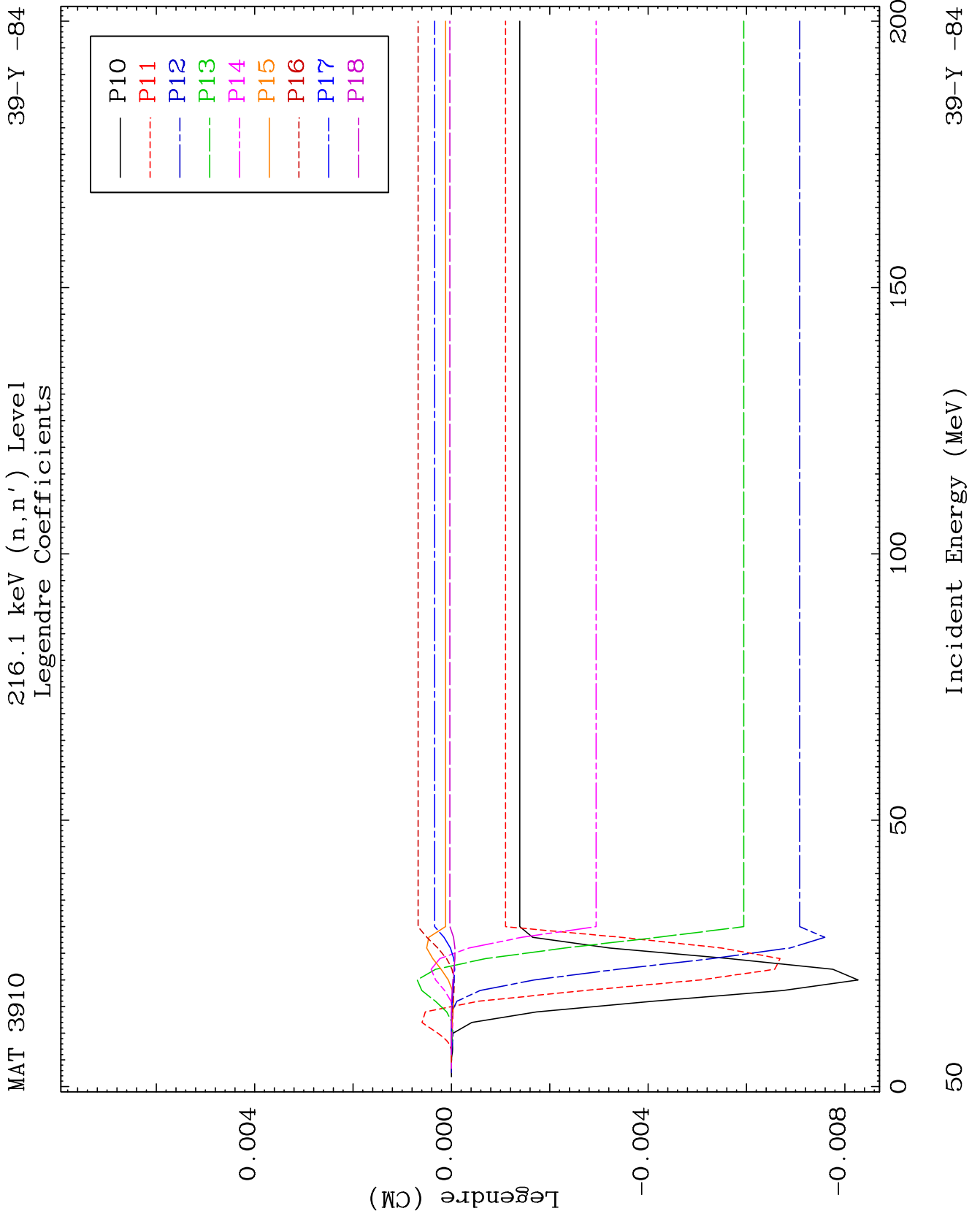


MAT 3910

216.1 keV (n,n') Level
Legendre Coefficients

39-Y -84

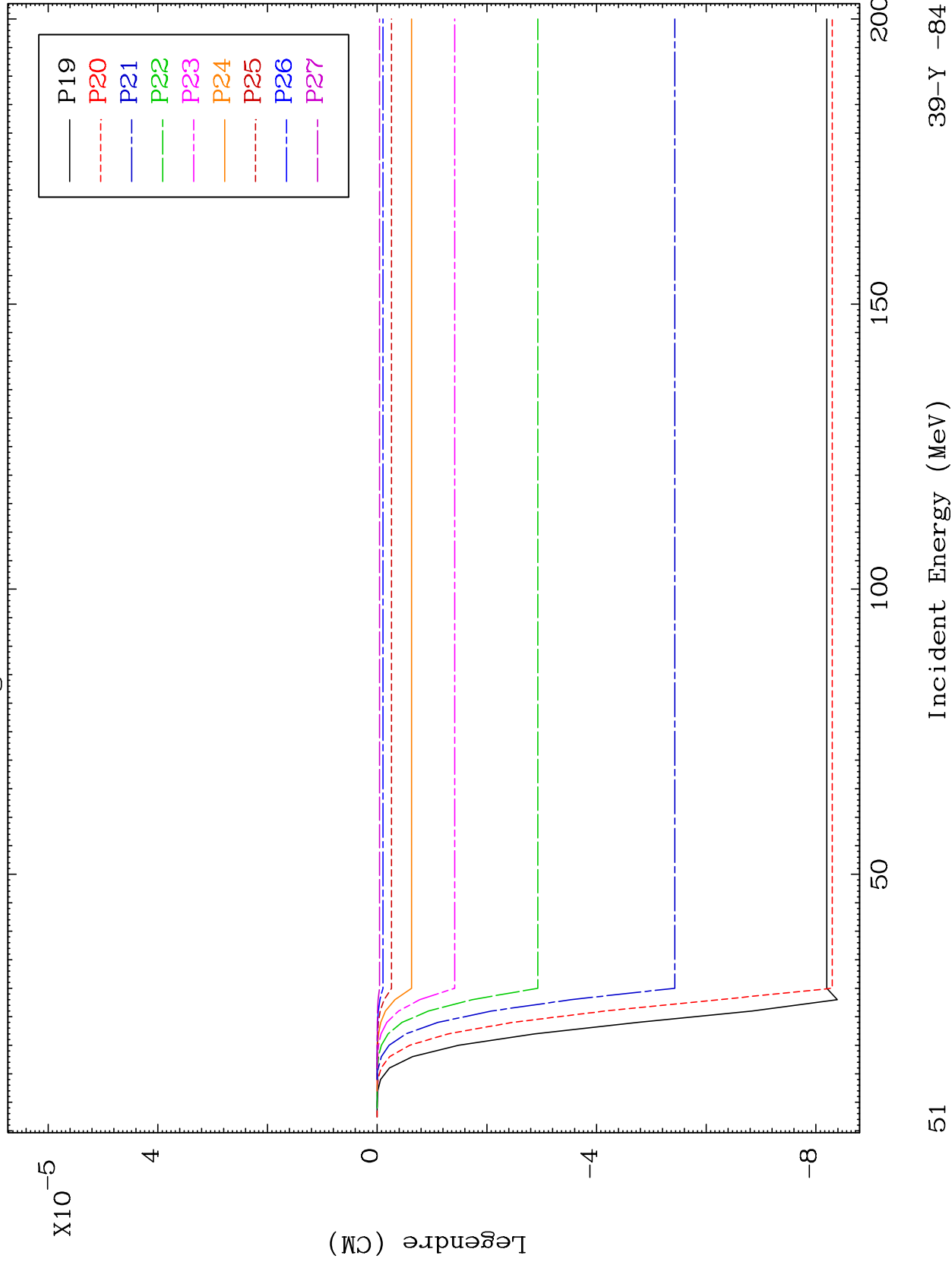


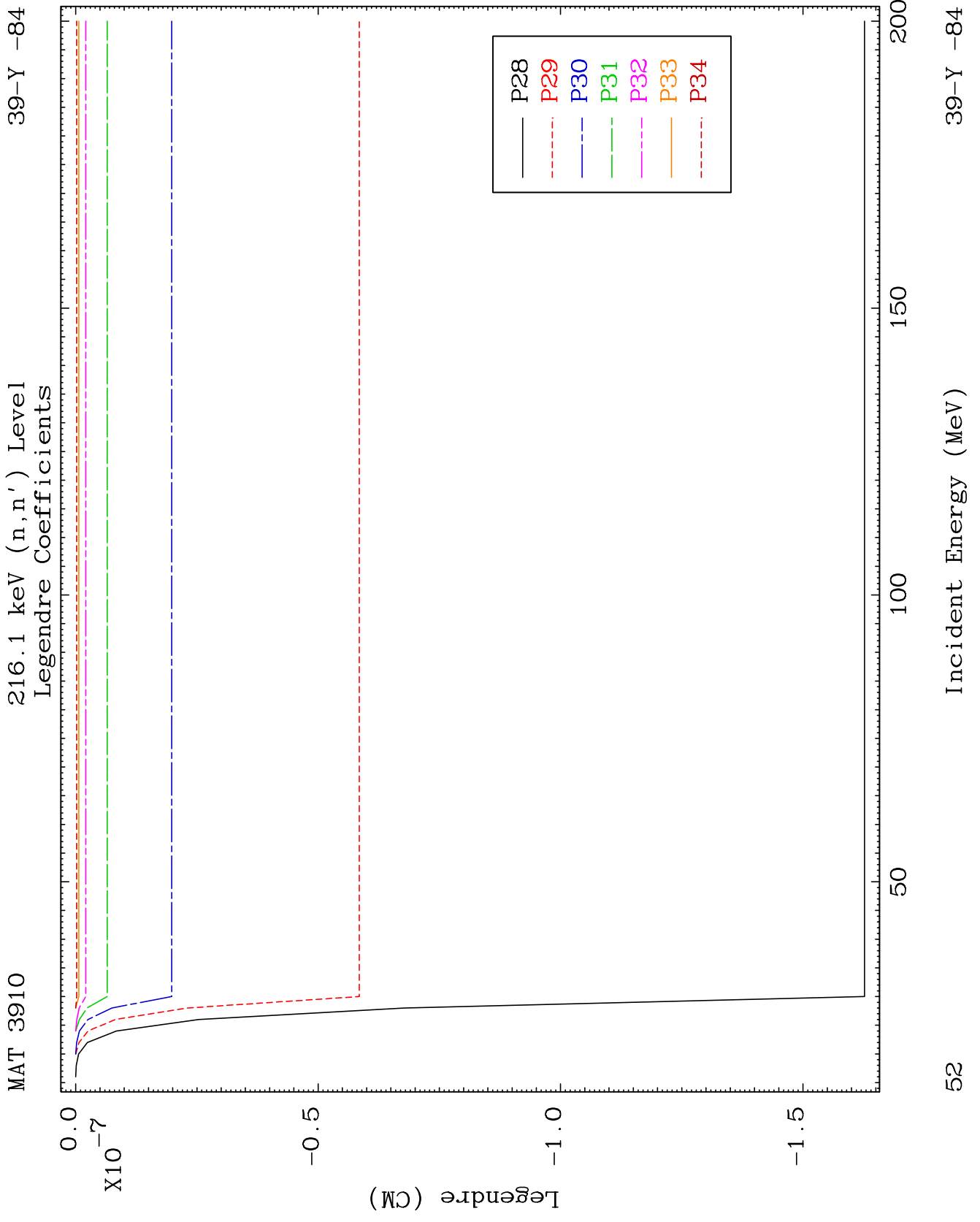


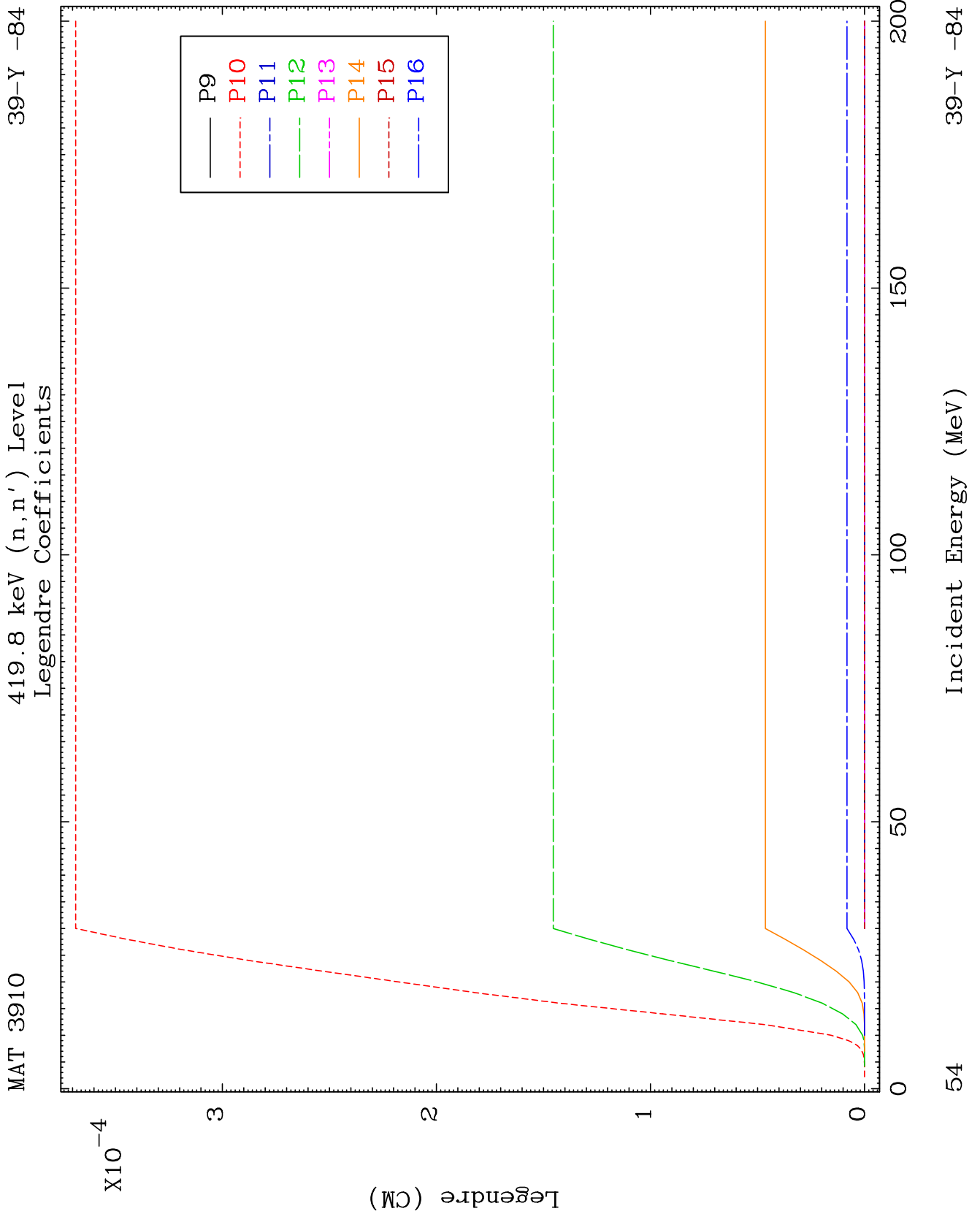
MAT 3910

216.1 keV (n,n') Level
Legendre Coefficients

39-Y -84



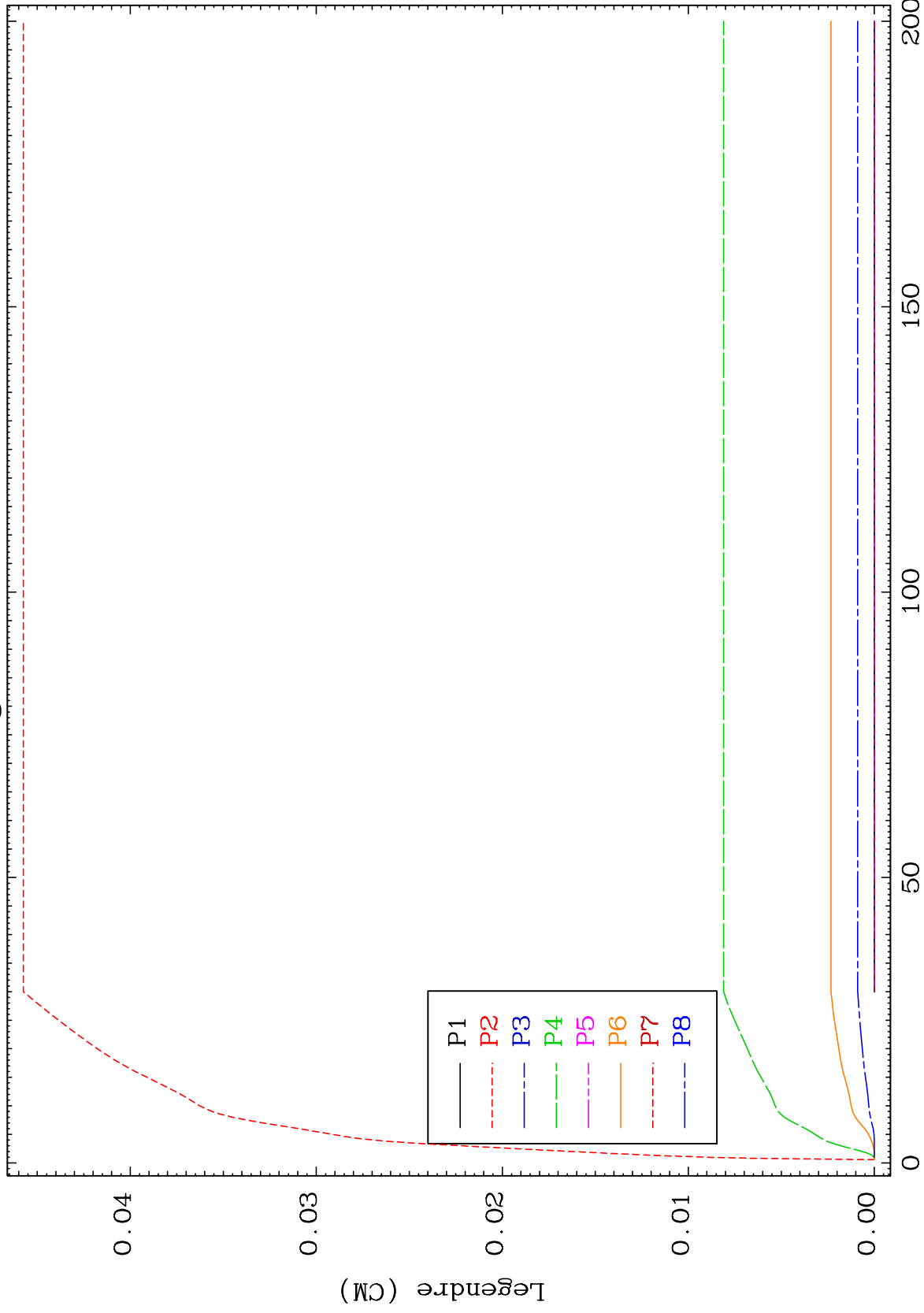




MAT 3910

564.7 keV (n,n') Level
Legendre Coefficients

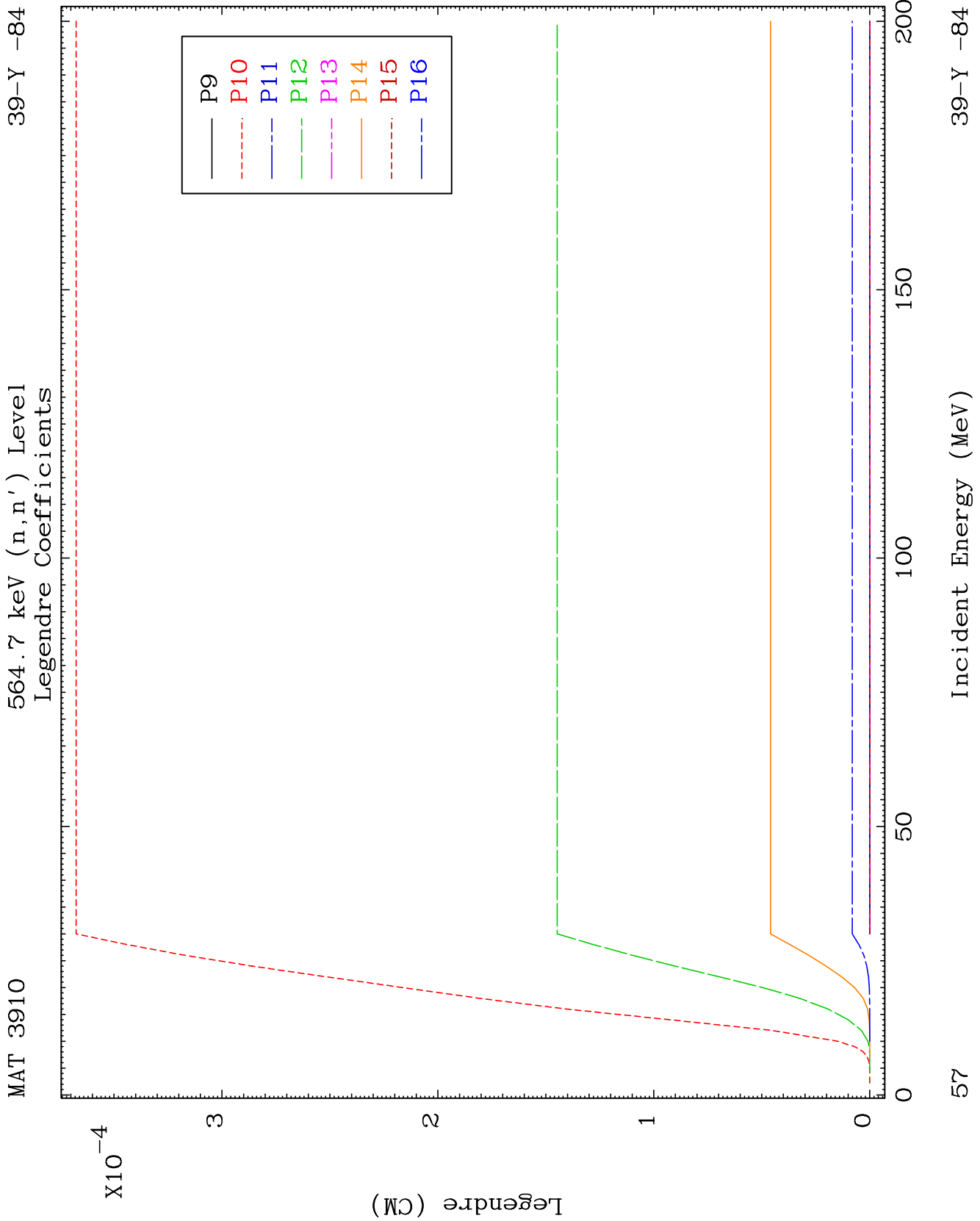
39-Y -84

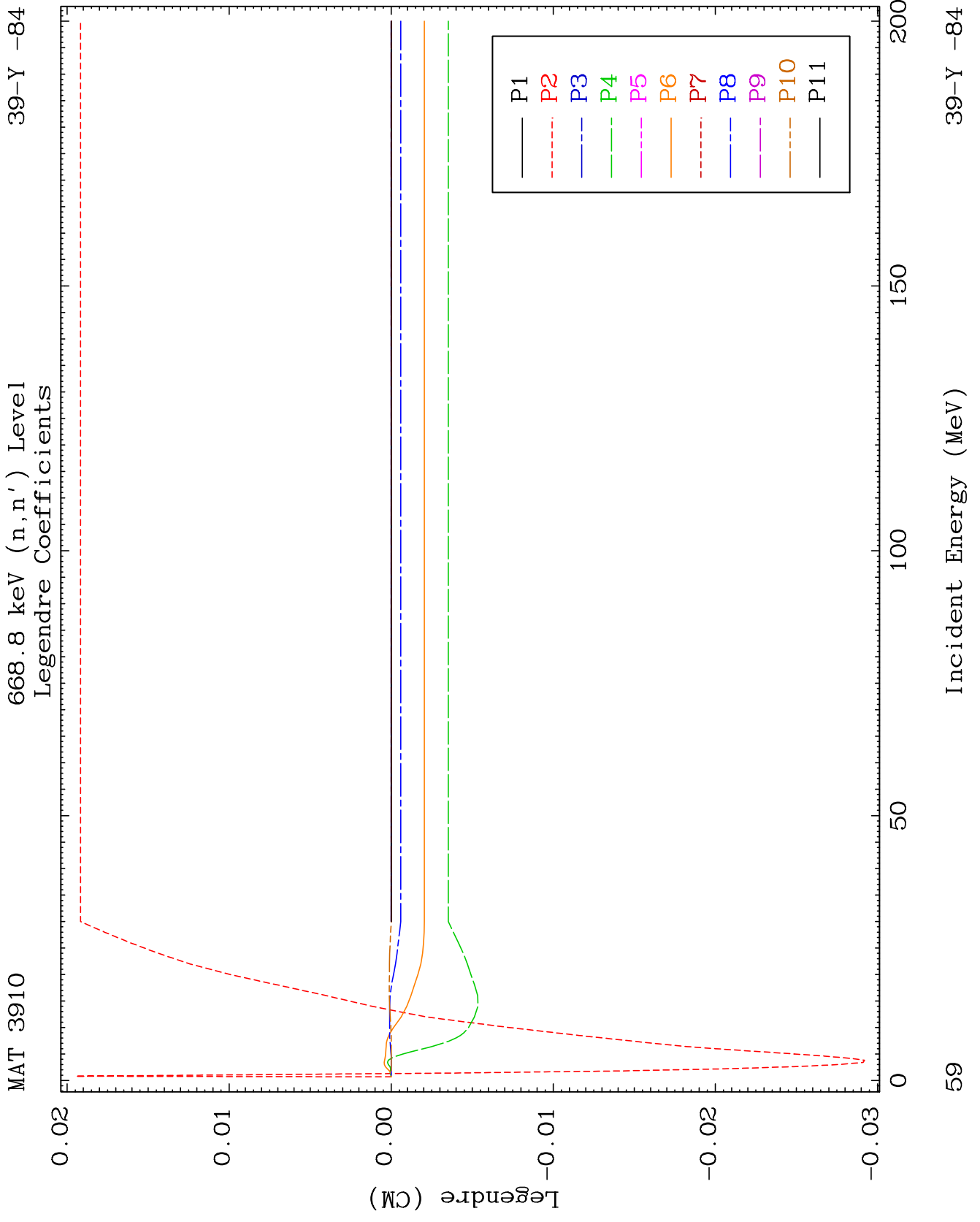


Incident Energy (MeV)

39-Y -84

56

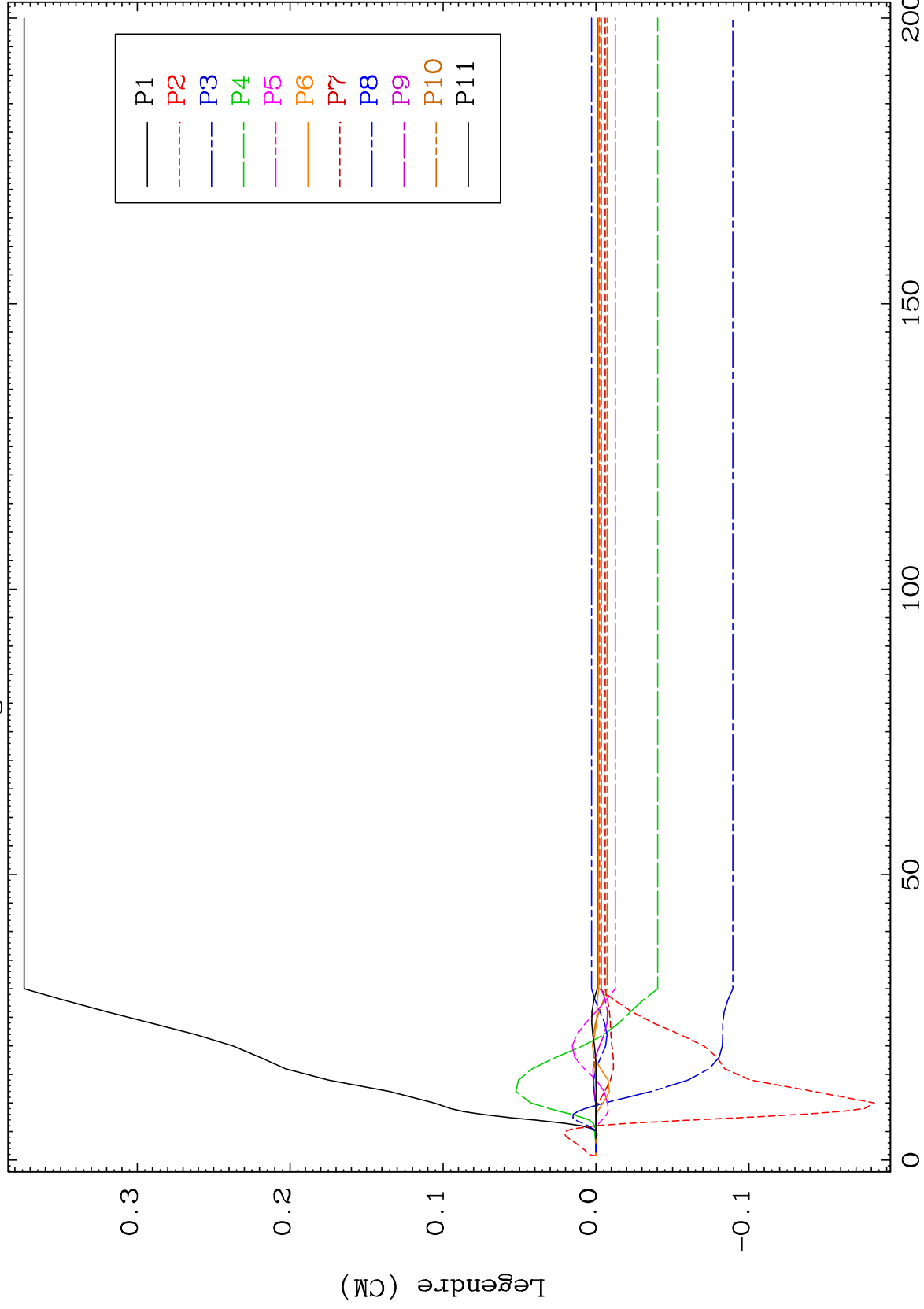




MAT 3910

744.0 keV (n,n') Level
Legendre Coefficients

39-Y -84



61

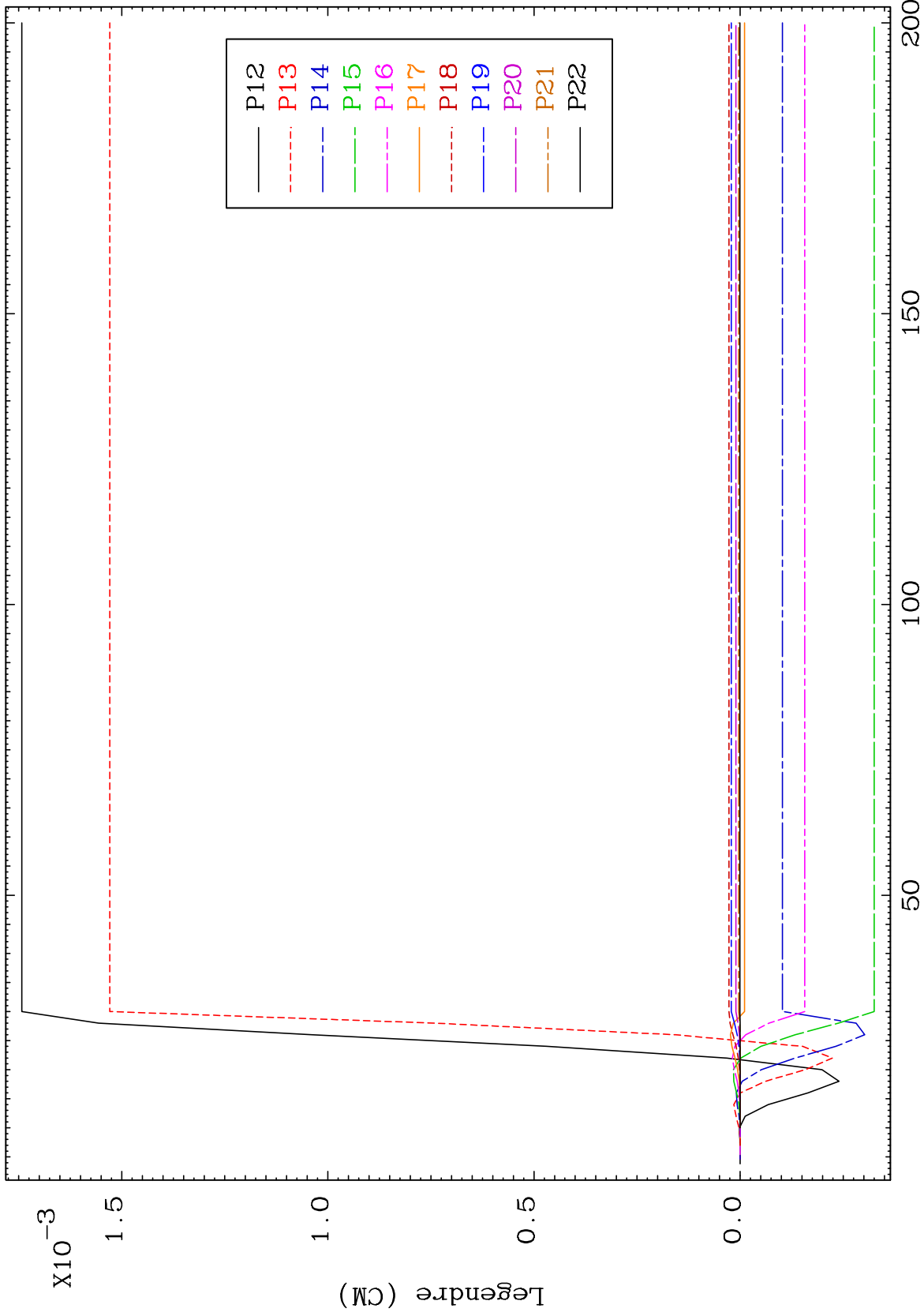
Incident Energy (MeV)

39-Y -84

MAT 3910

744.0 keV (n,n') Level
Legendre Coefficients

39-Y -84



62

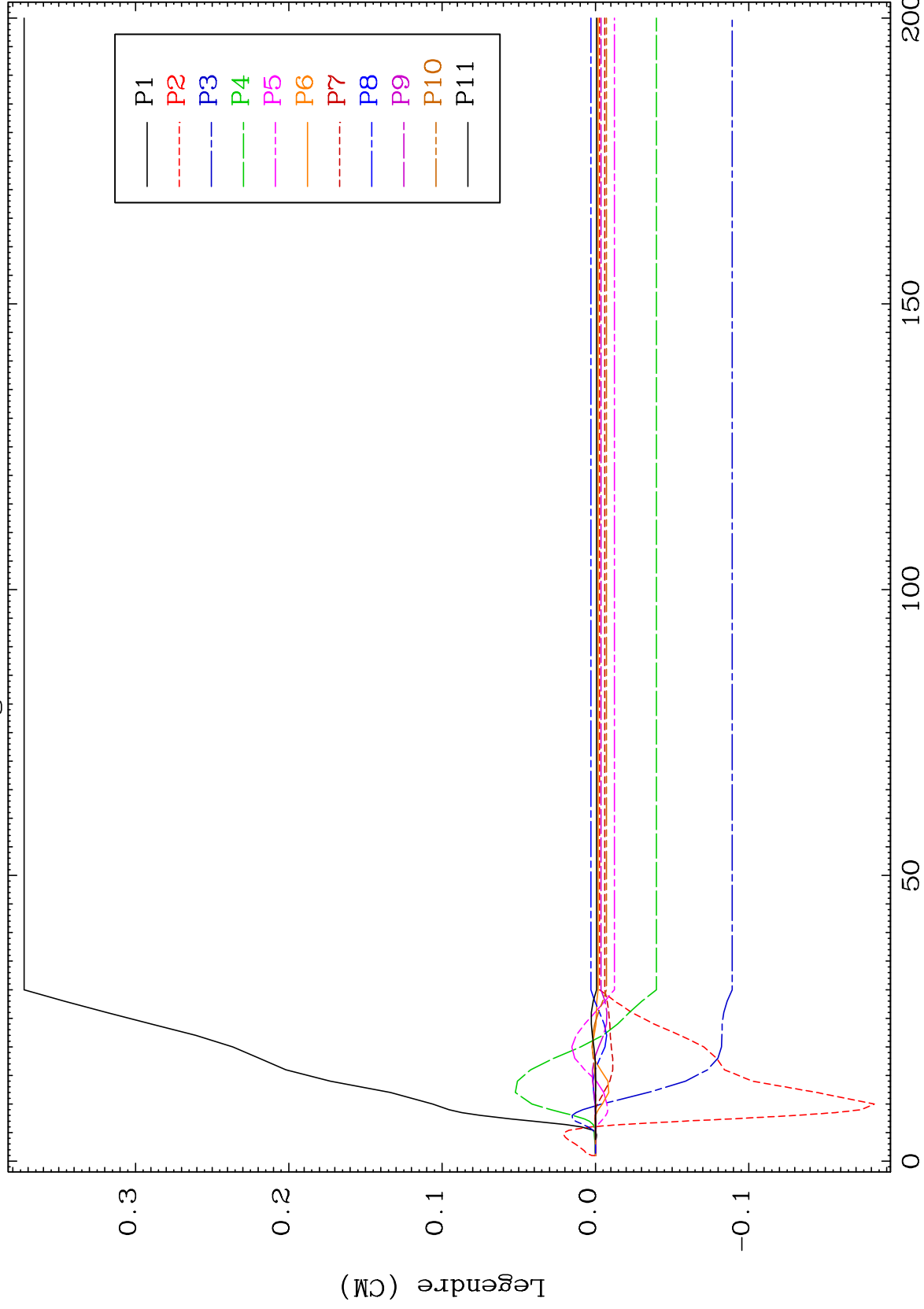
Incident Energy (MeV)

39-Y -84

MAT 3910

936.2 keV (n,n') Level
Legendre Coefficients

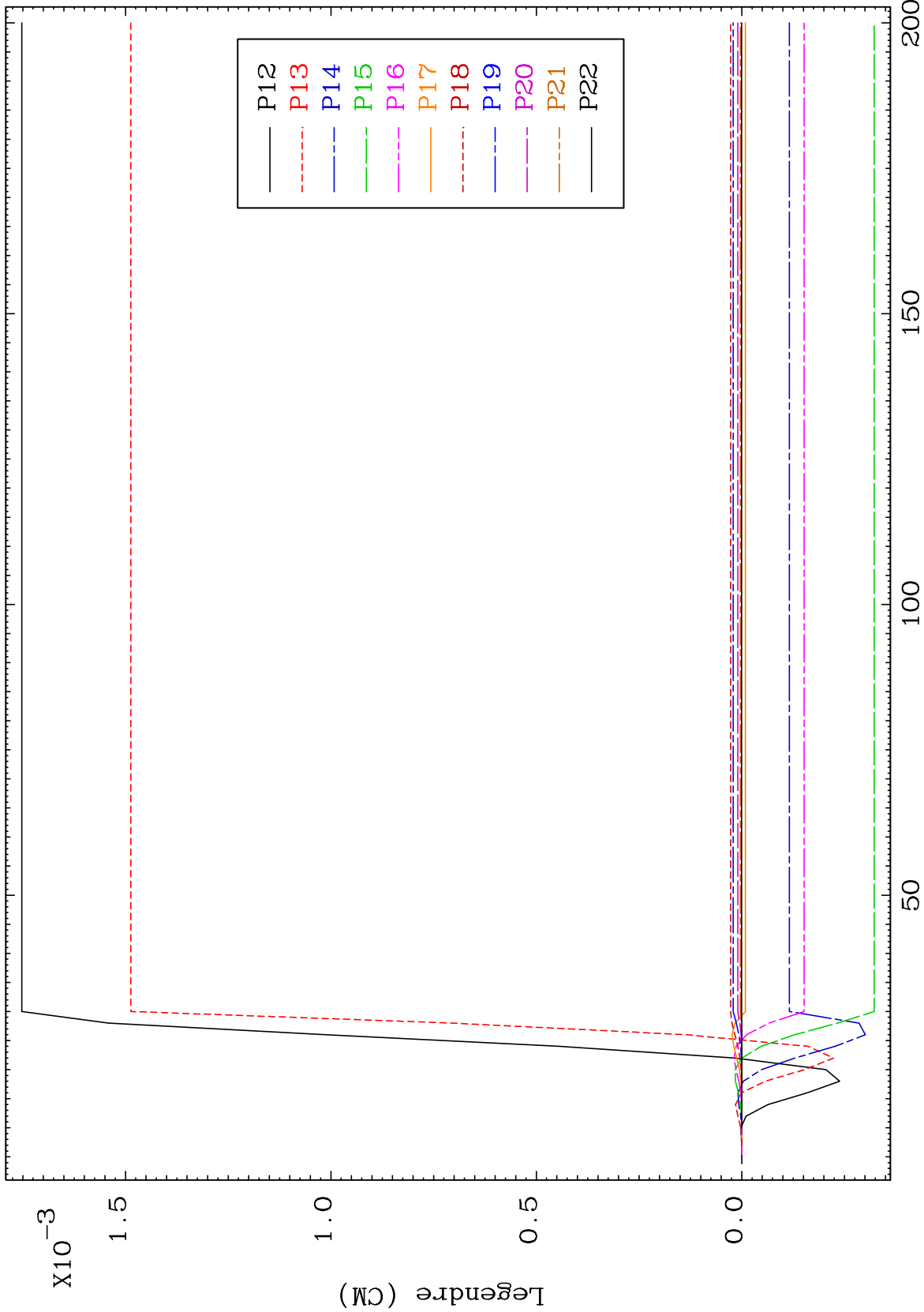
39-Y -84

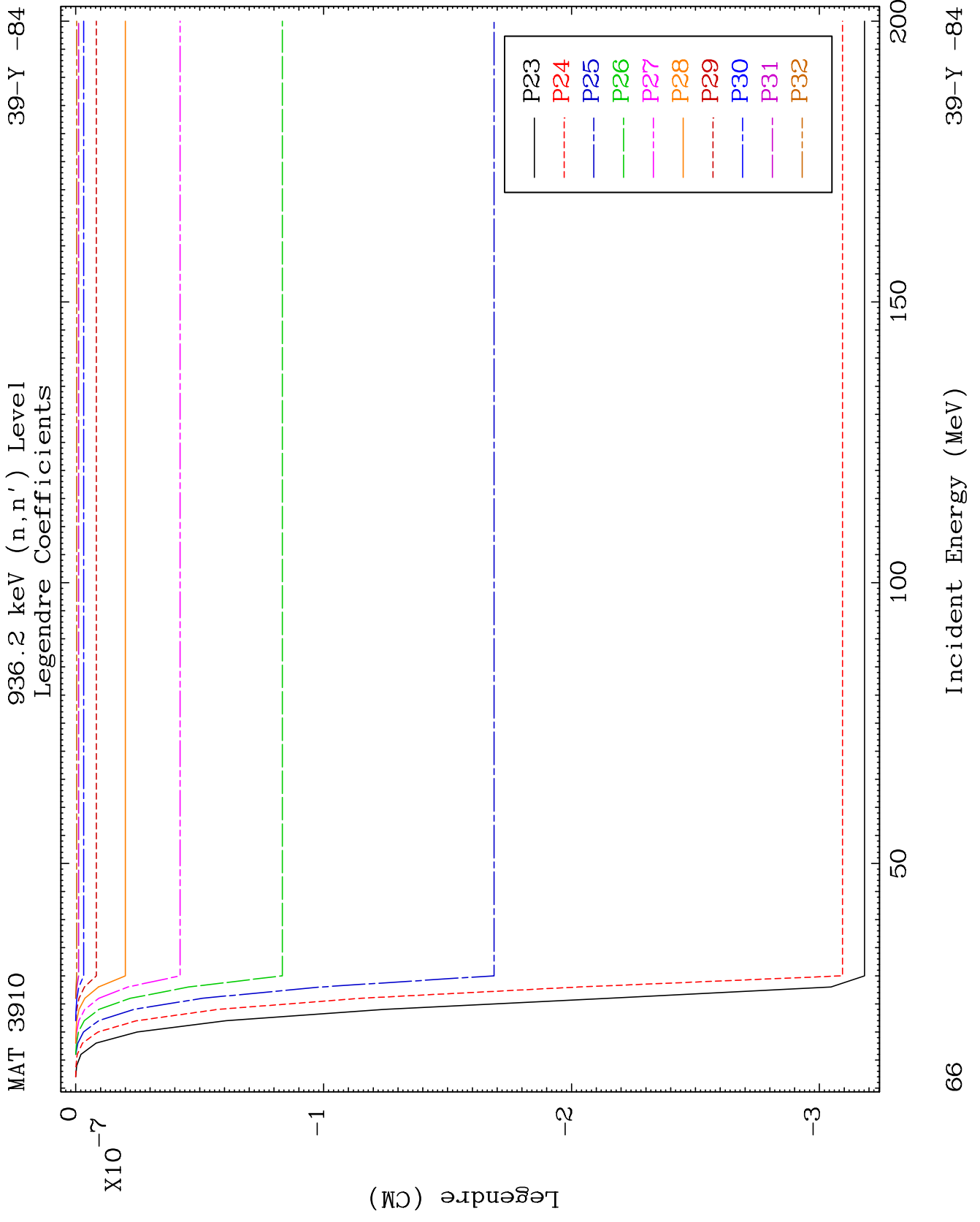


64

Incident Energy (MeV)

39-Y -84

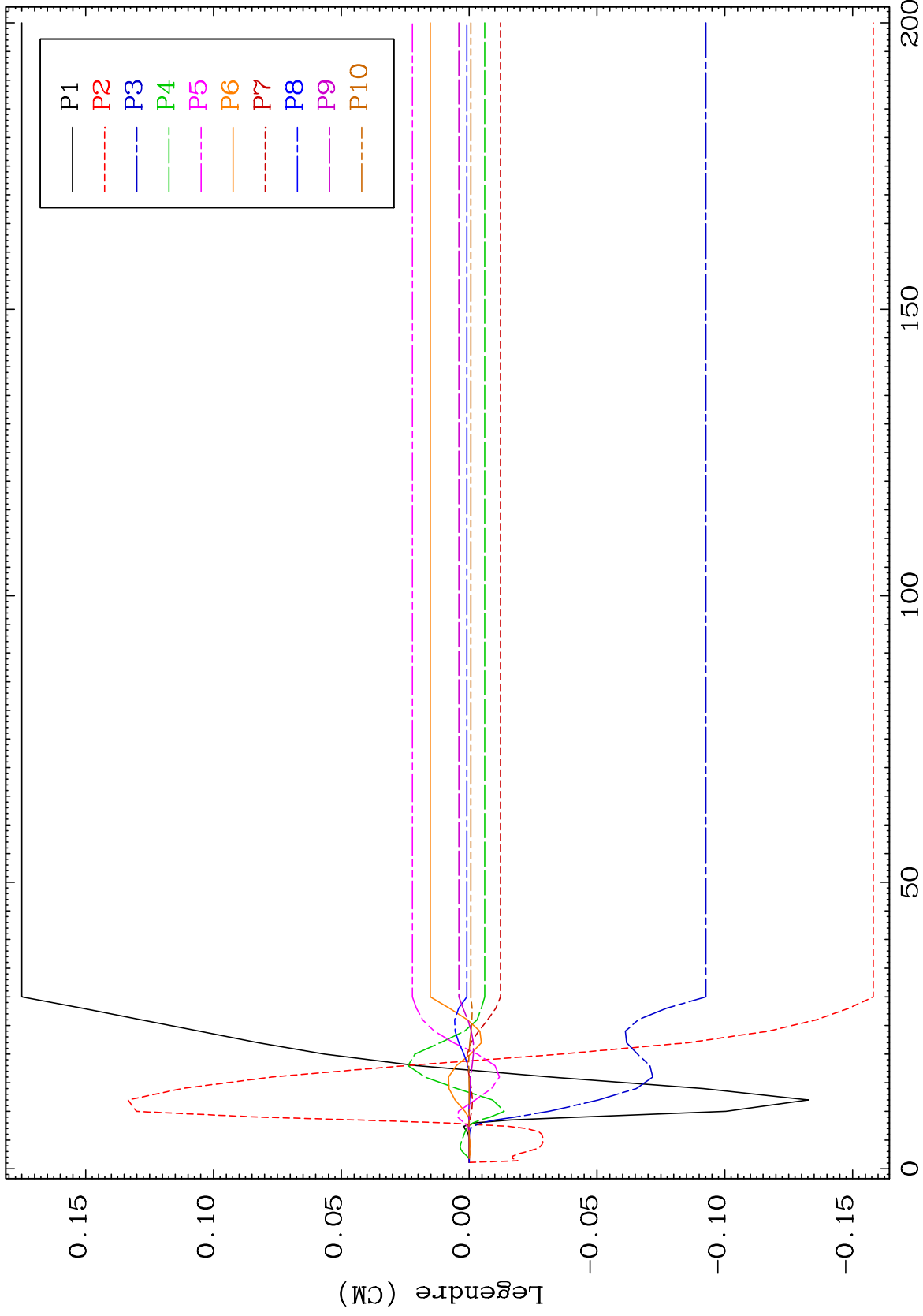




MAT 3910

1.071 MeV (n,n') Level
Legendre Coefficients

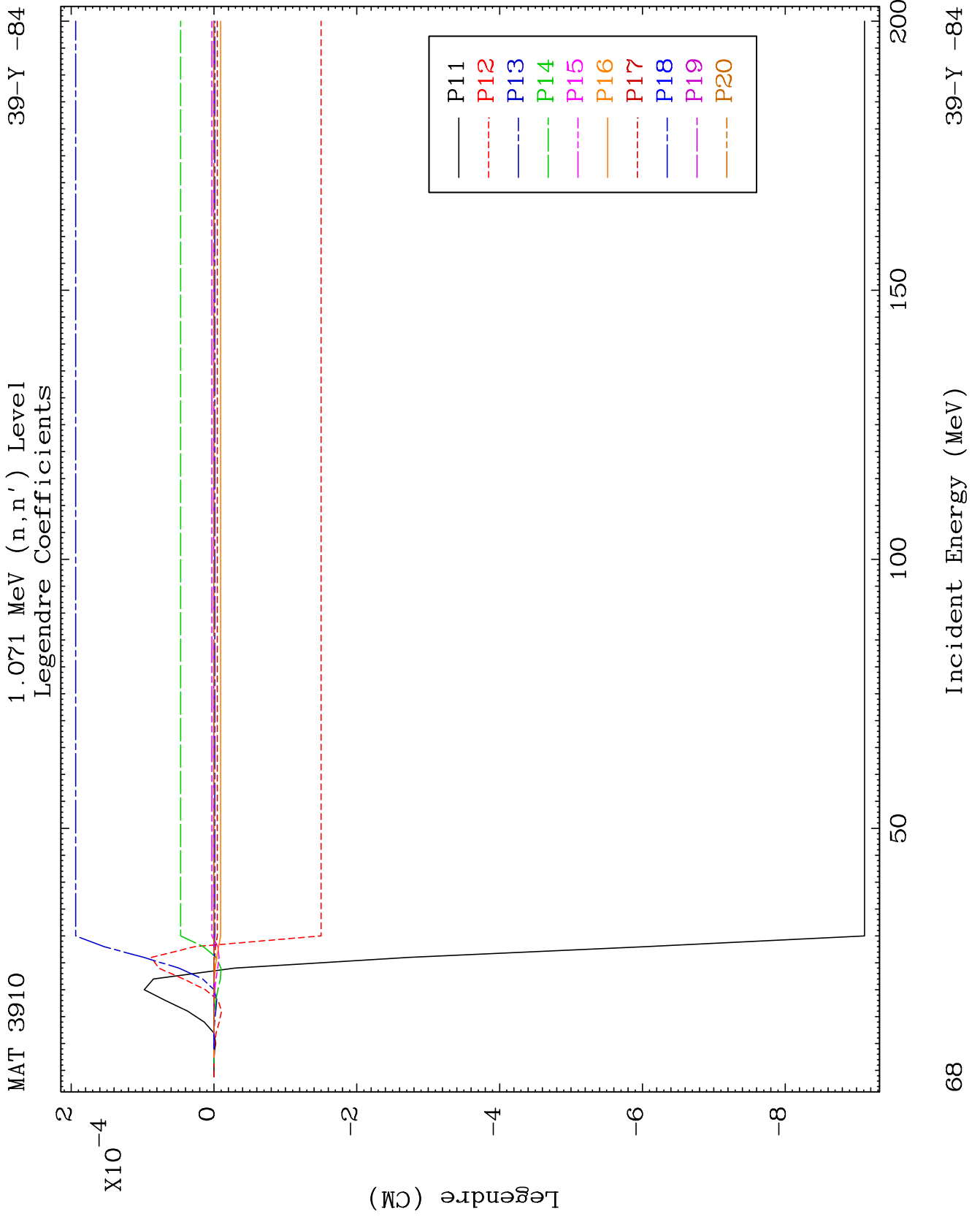
39-Y -84



67

Incident Energy (MeV)

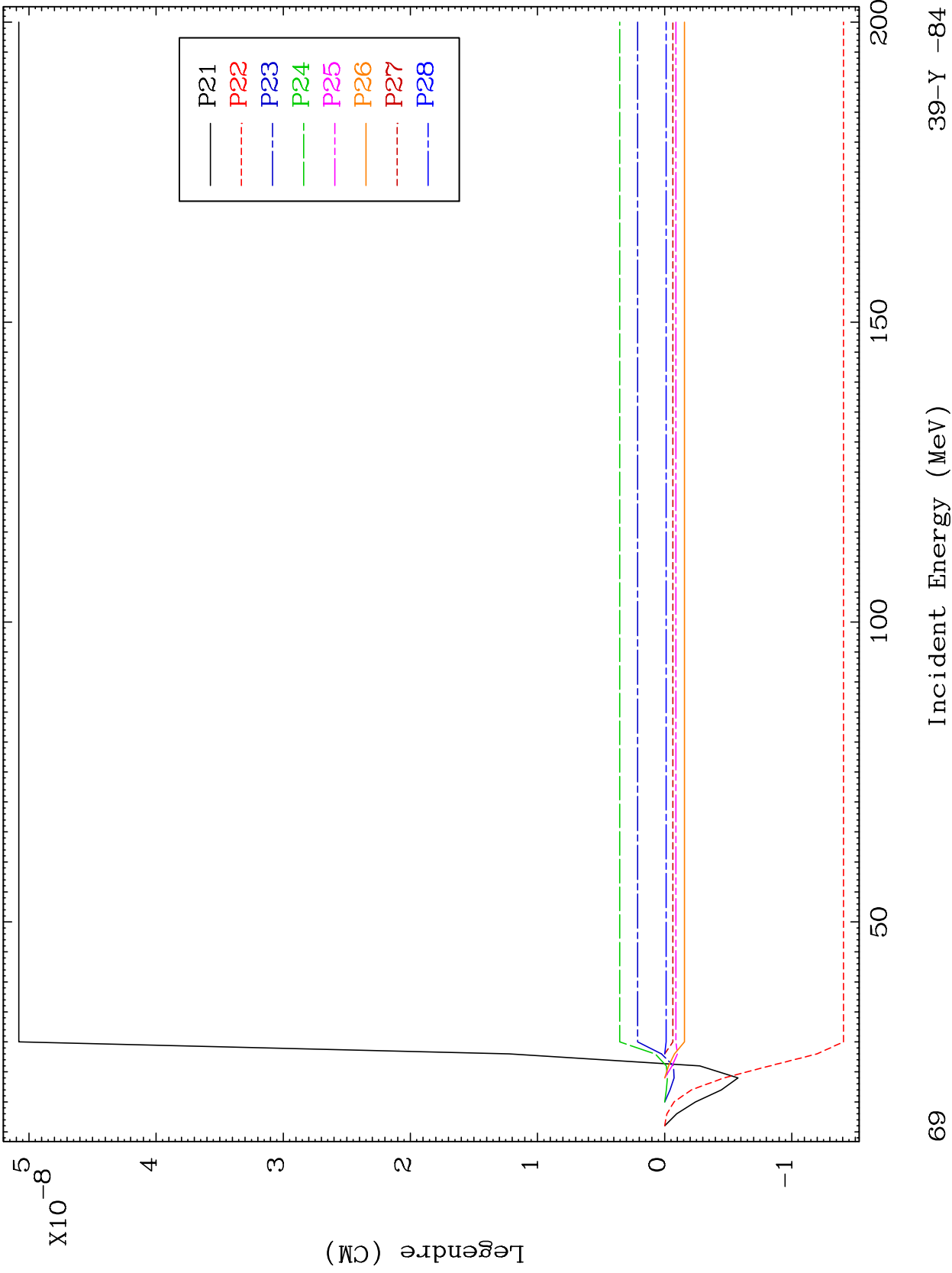
39-Y -84

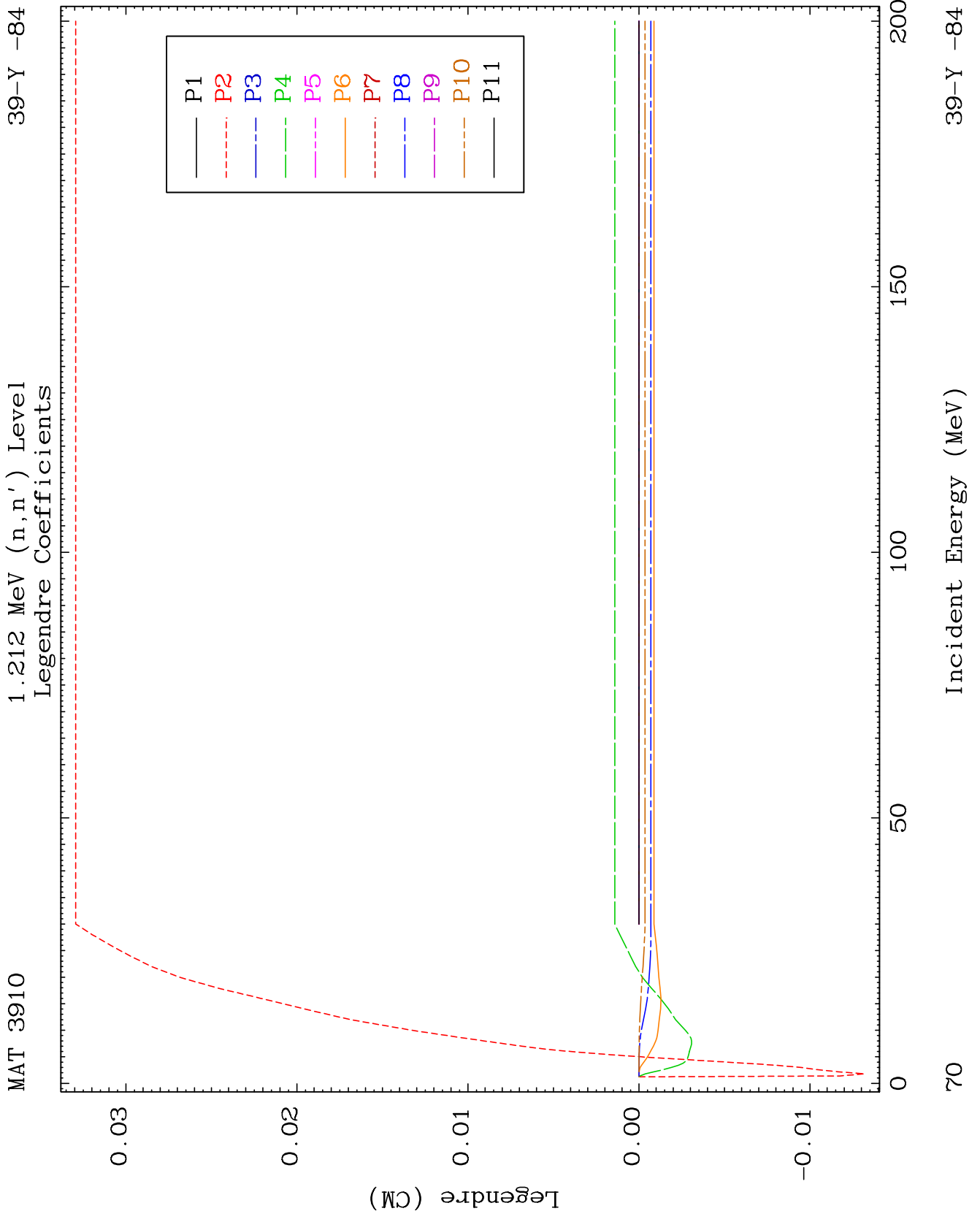


MAT 3910

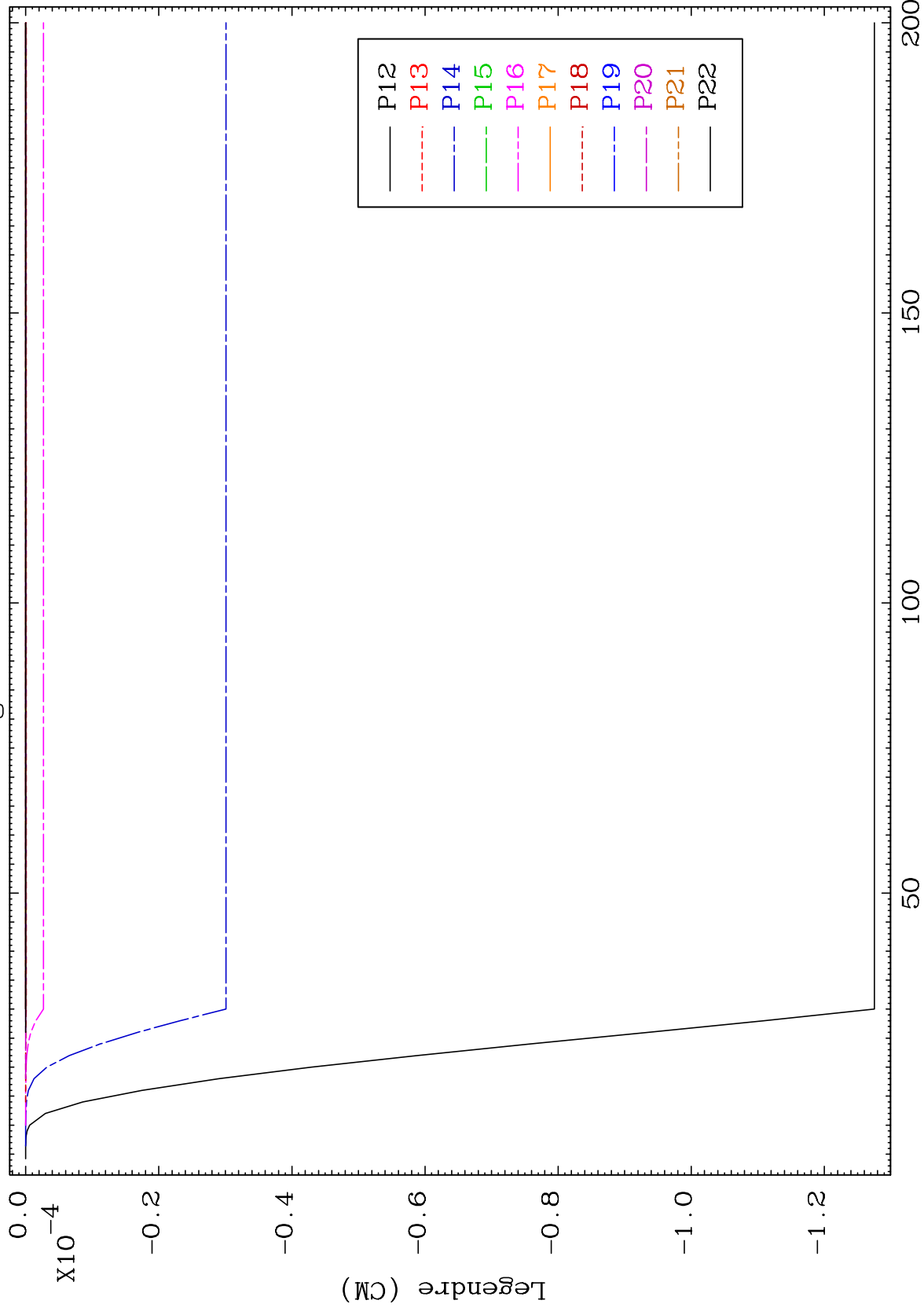
1.071 MeV (n,n') Level
Legendre Coefficients

39-Y -84





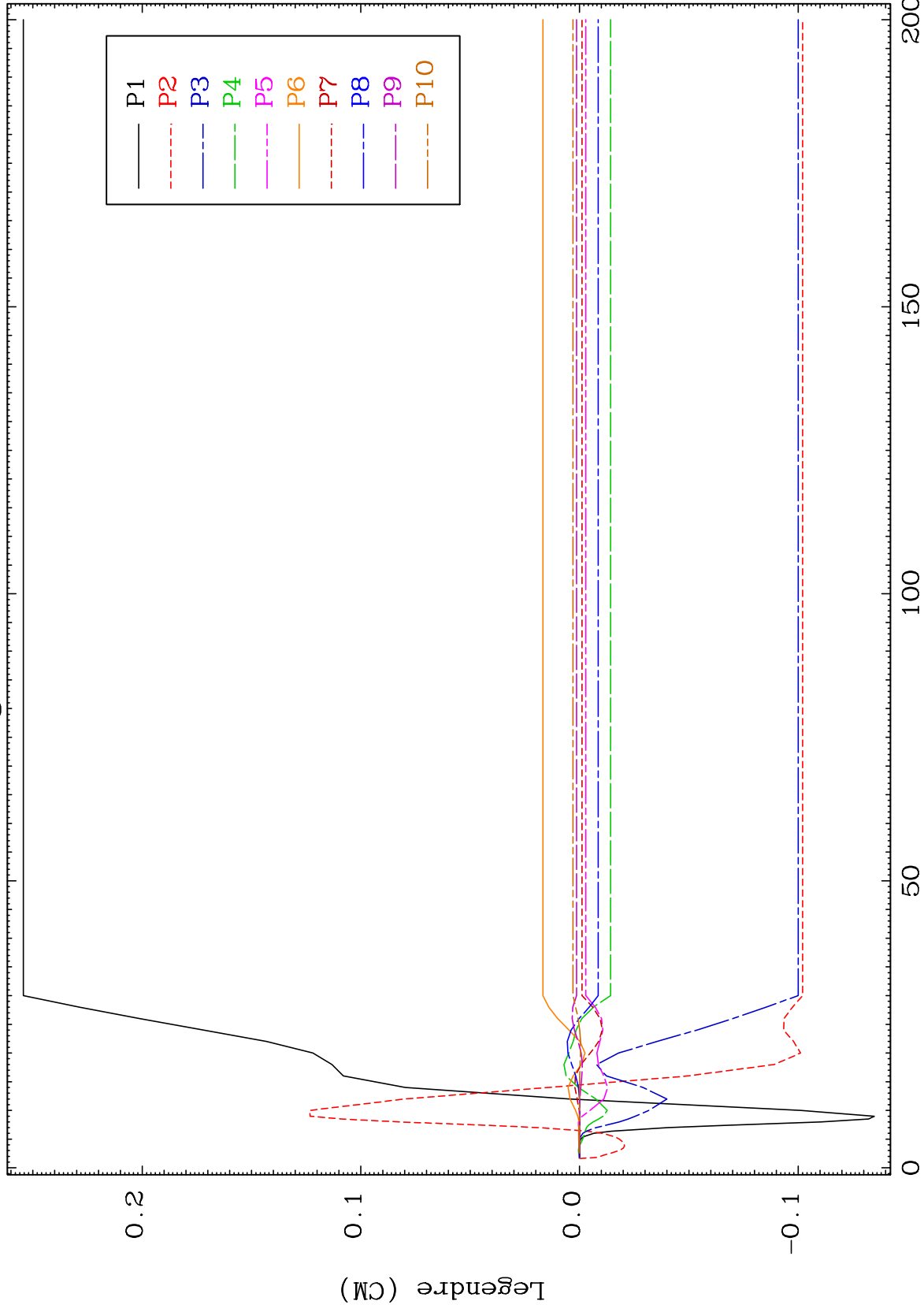
1.212 MeV (n,n') Level
Legendre Coefficients



MAT 3910

1.592 MeV (n,n') Level
Legendre Coefficients

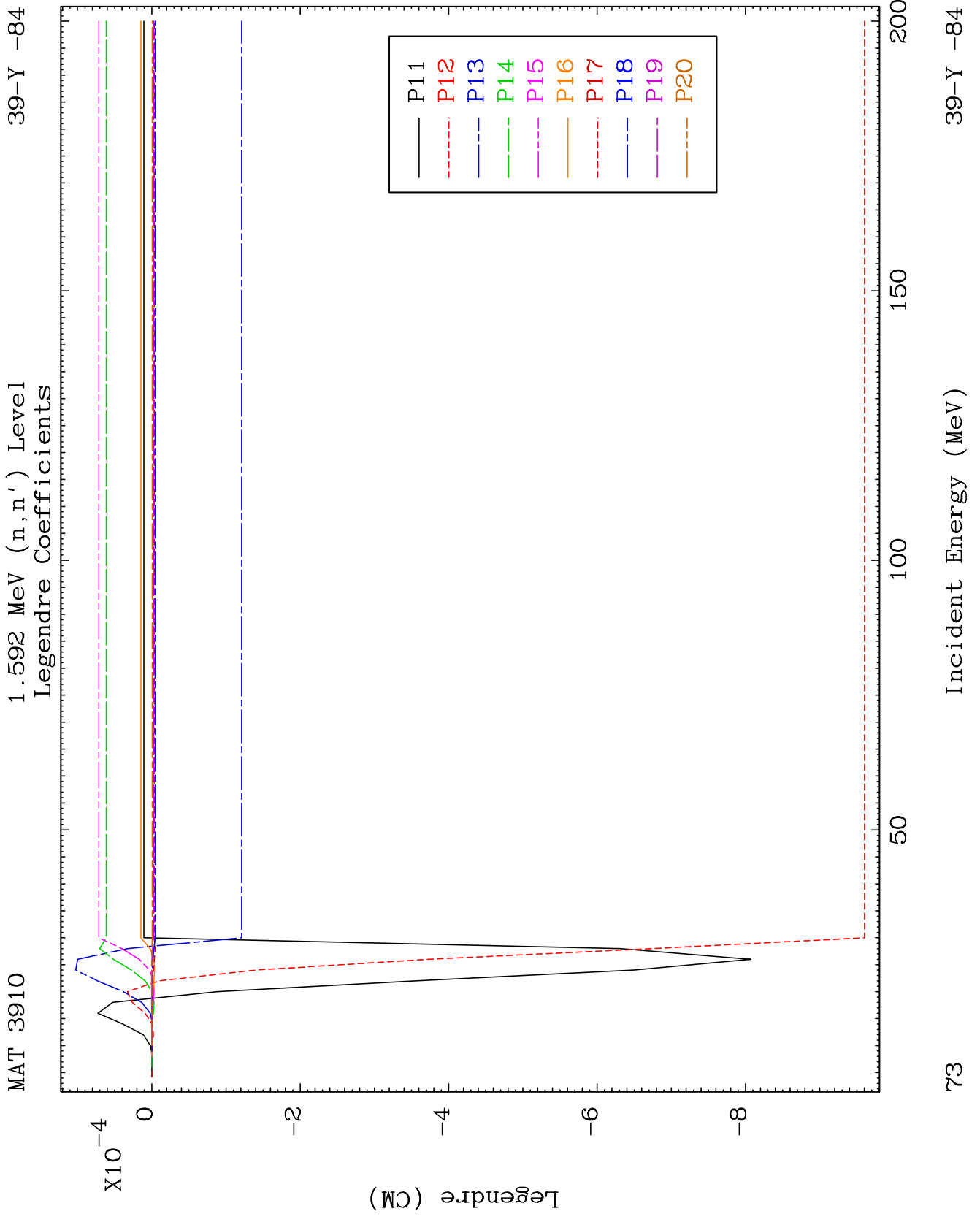
39-Y -84

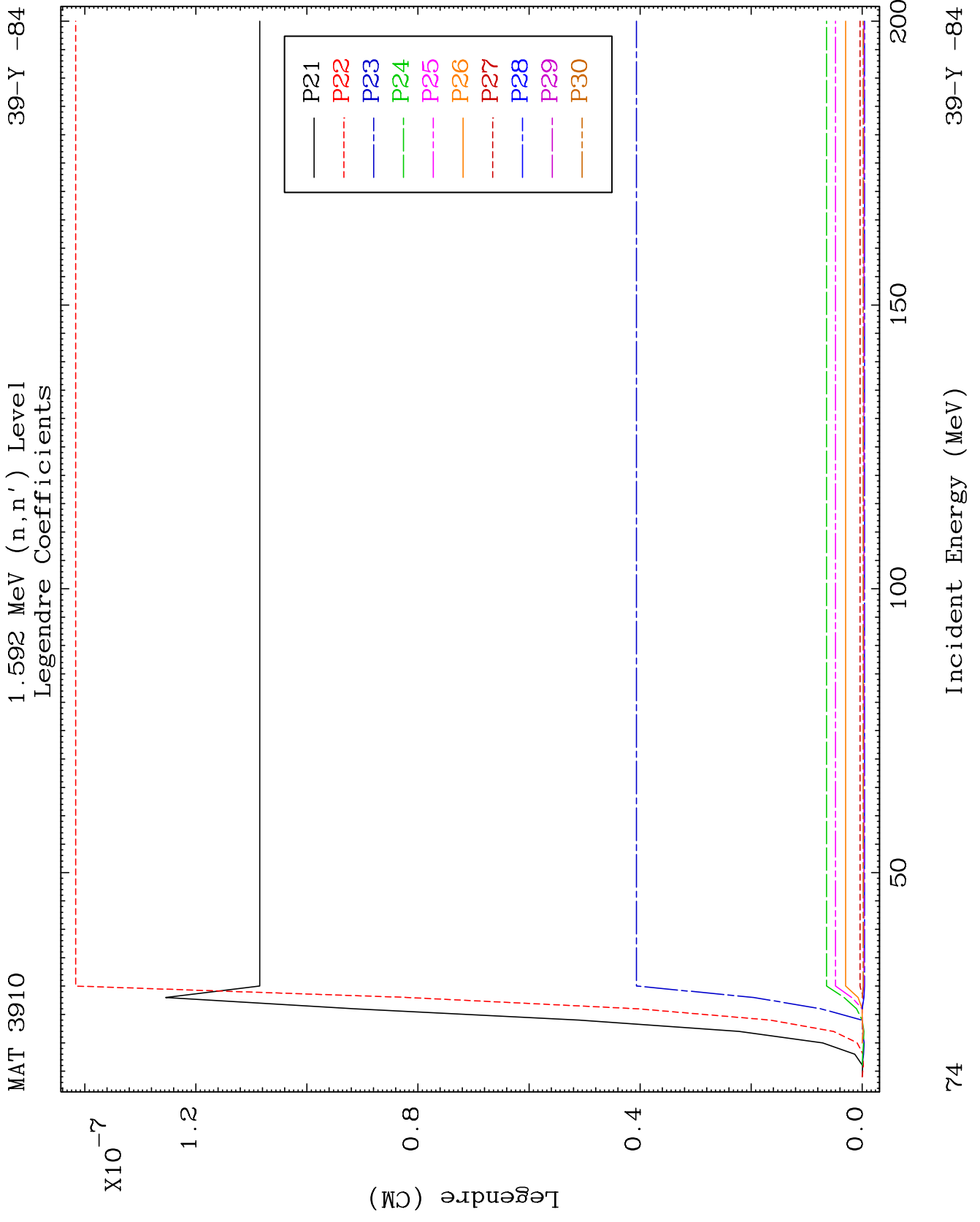


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Incident Energy (MeV)

39-Y -84

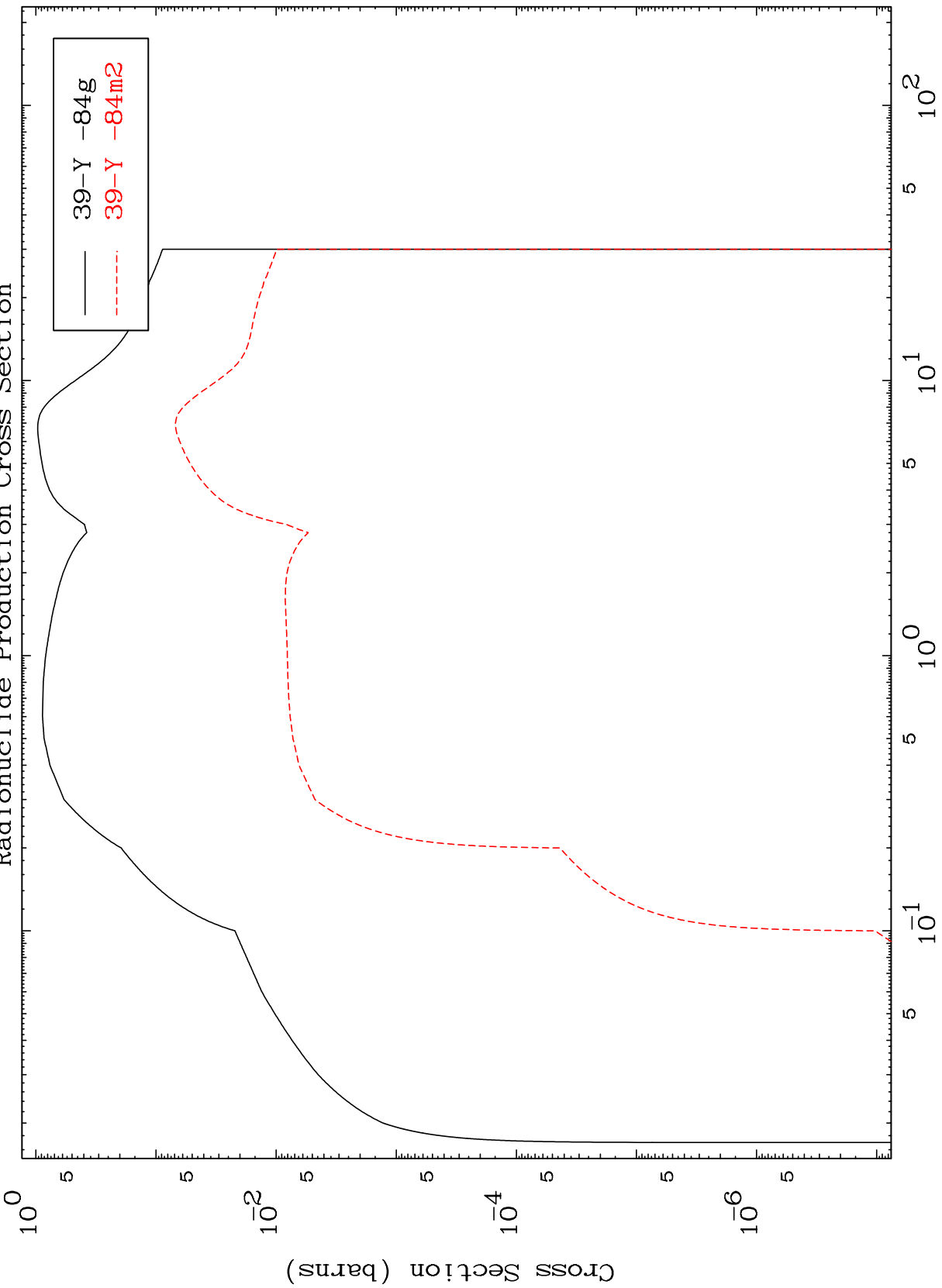




MAT 3910

39-Y -84

Inelastic
Radionuclide Production Cross Section



75

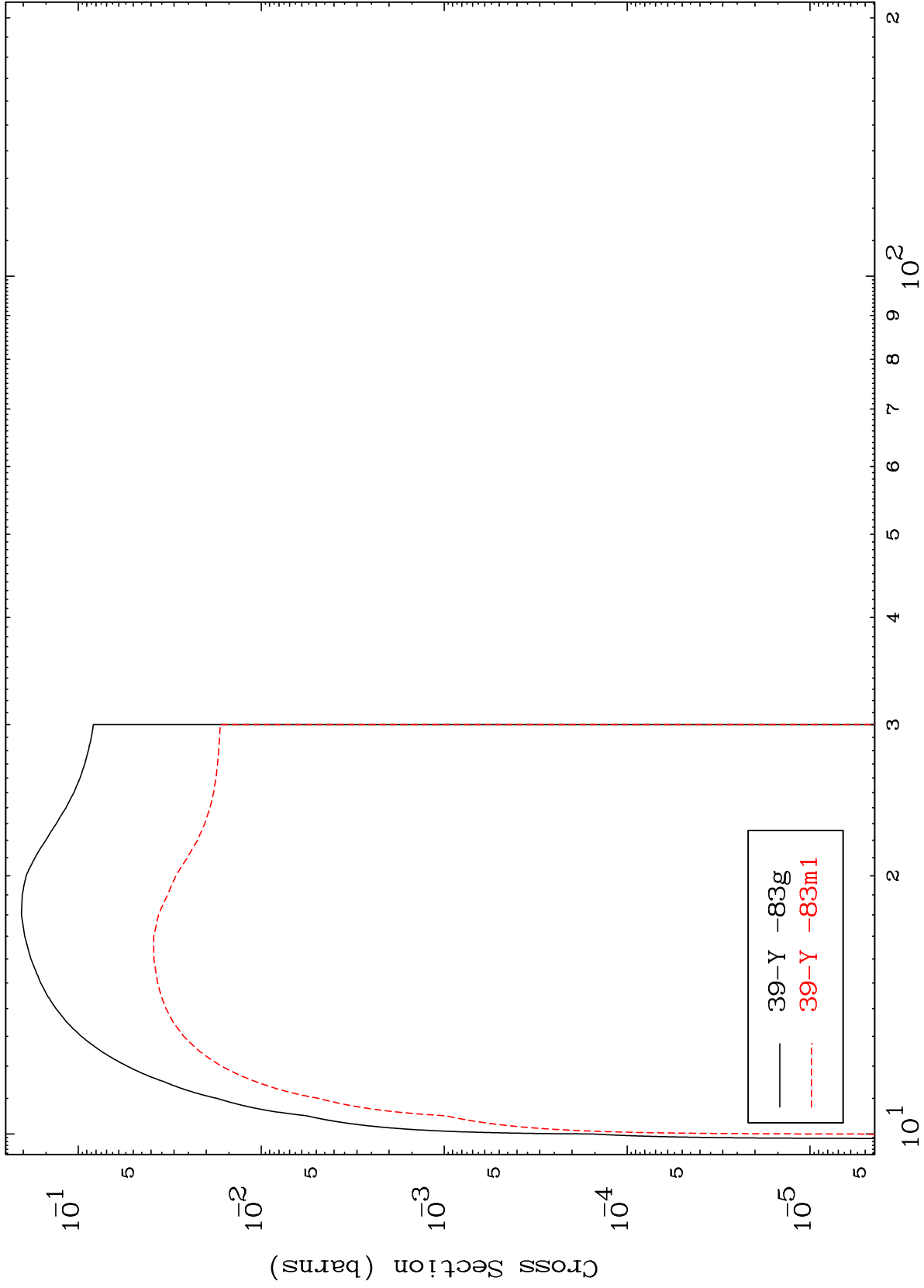
39-Y -84

Incident Energy (MeV)

MAT 3910

39-Y -84

Radionuclide Production Cross Section
(n,2n)



39-Y -84

Incident Energy (MeV)

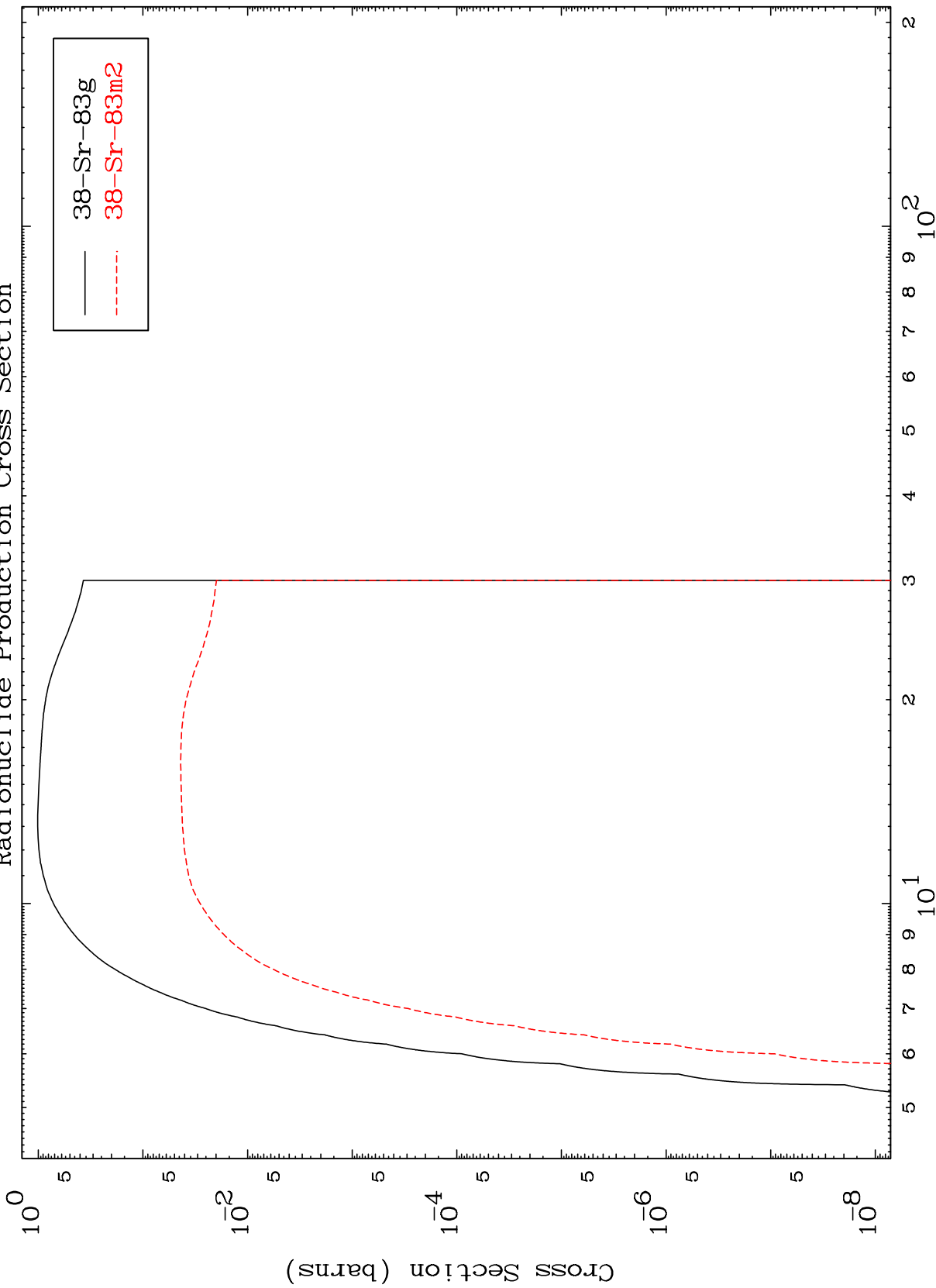
76

MAT 3910

(n,n') p

39-Y -84

Radionuclide Production Cross Section



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Incident Energy (MeV)

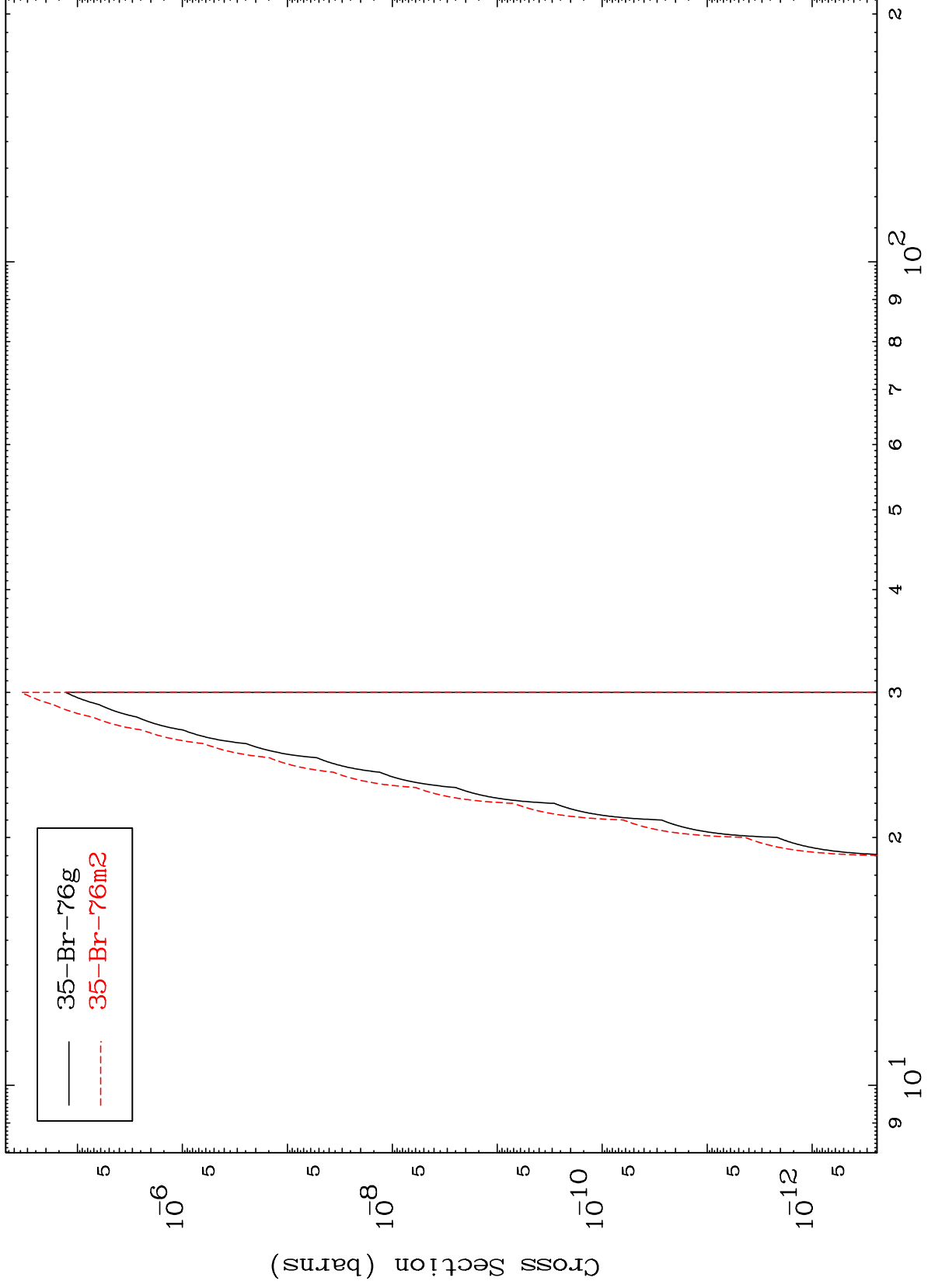
39-Y -84

MAT 3910

(n,n') 2α

39-Y -84

Radionuclide Production Cross Section

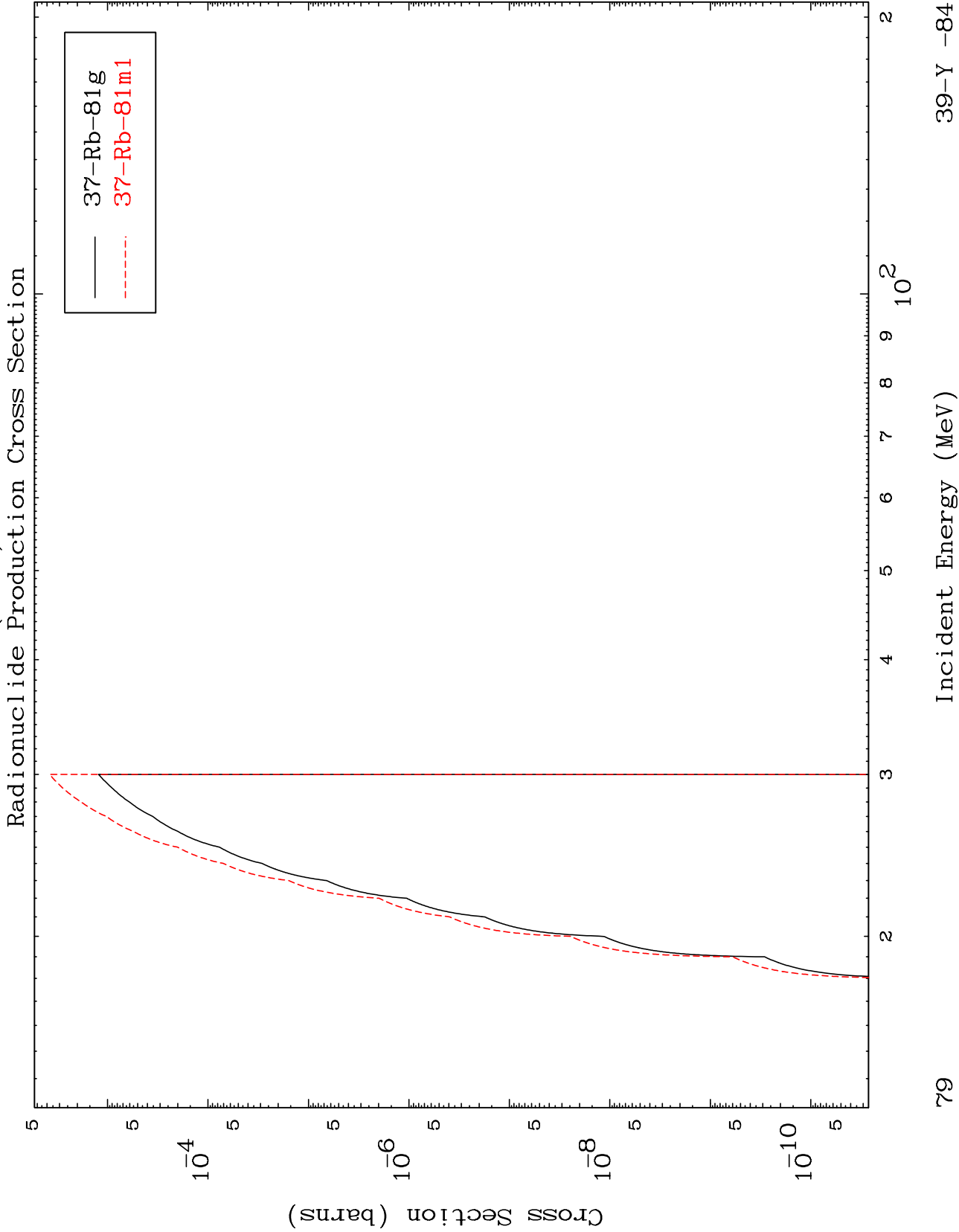


— 35-Br-76g
- - - 35-Br-76m2

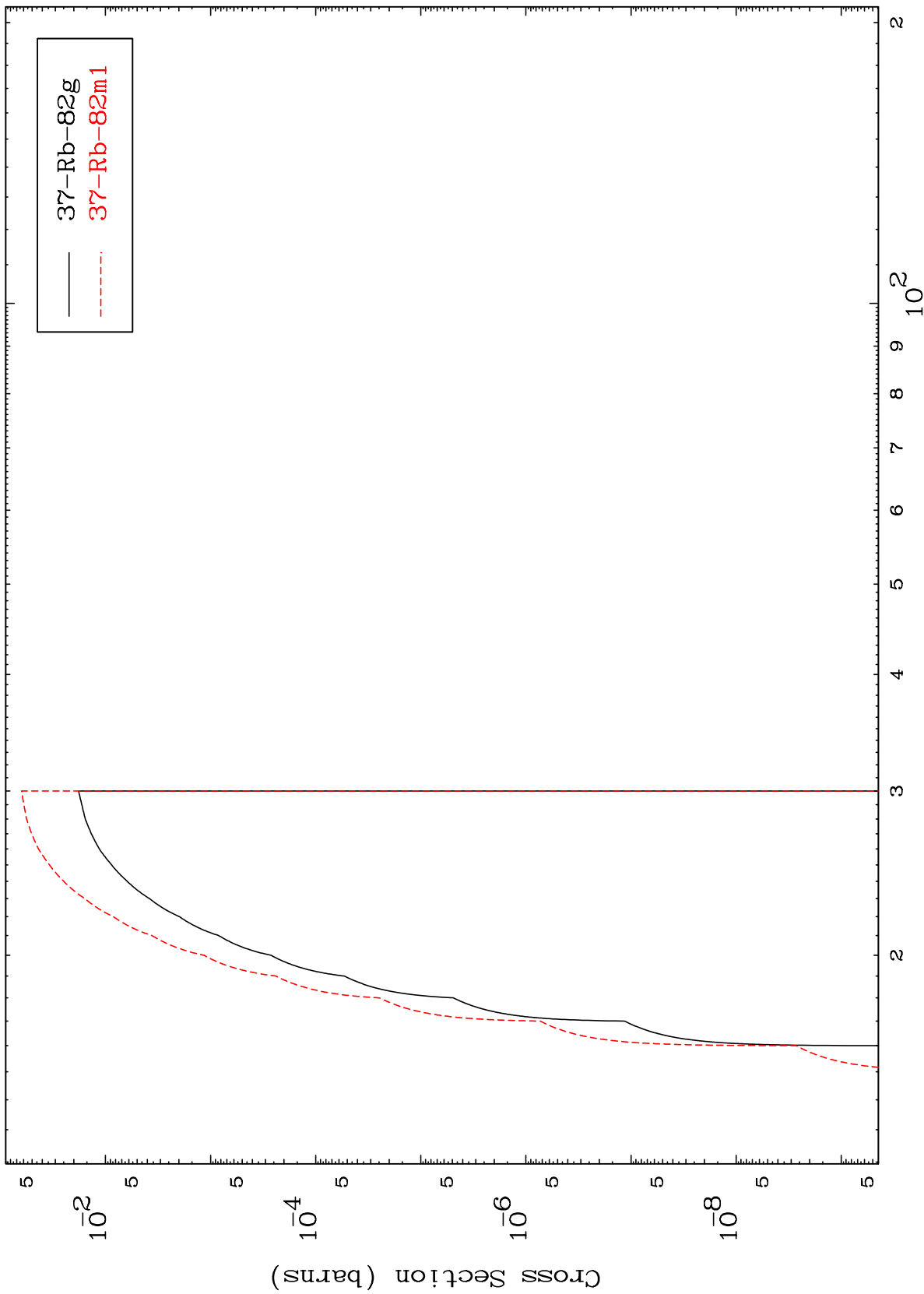
78

Incident Energy (MeV)

39-Y -84



Radionuclide Production Cross Section

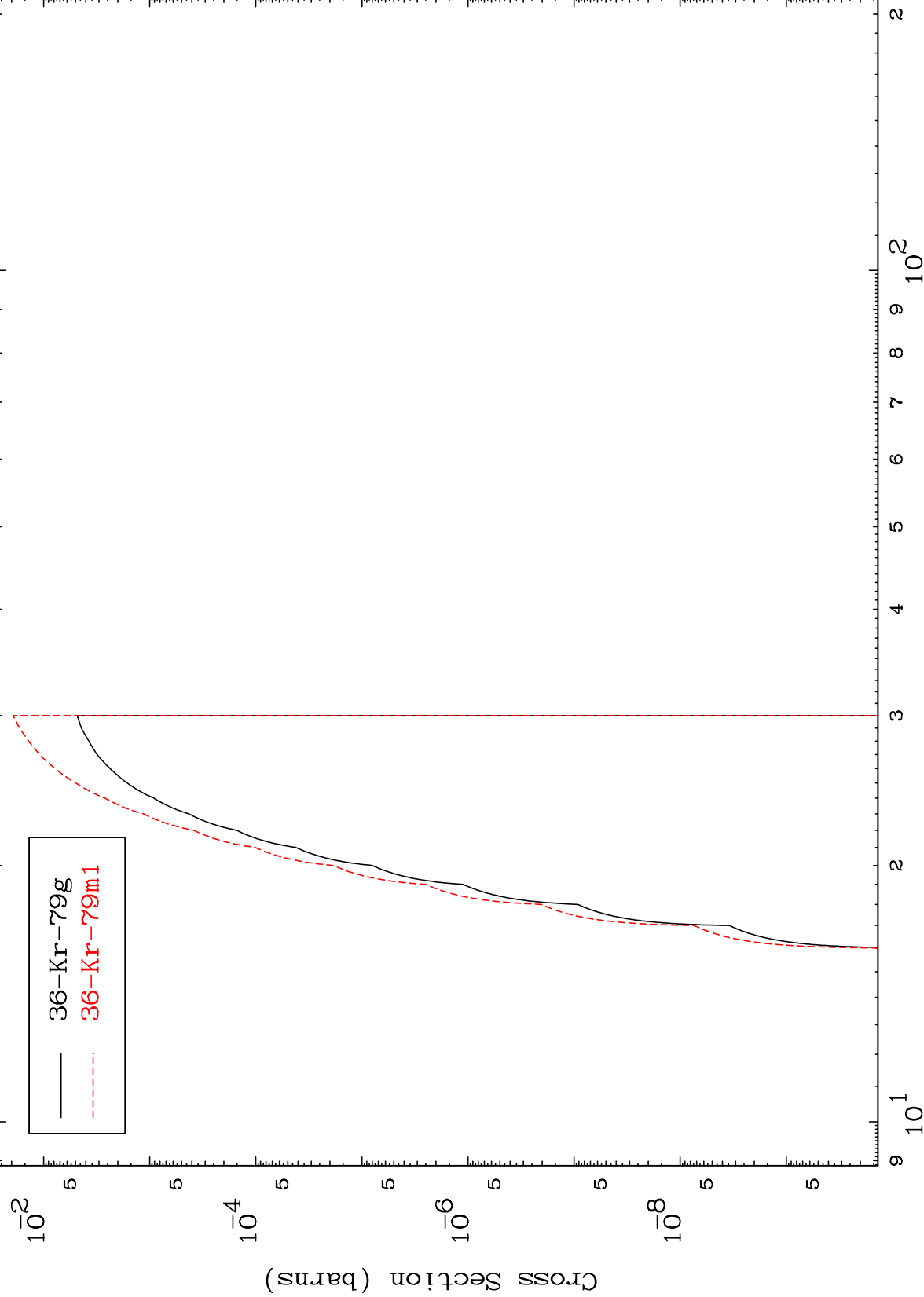


MAT 3910

(n,n') p α

39-Y -84

Radionuclide Production Cross Section



81

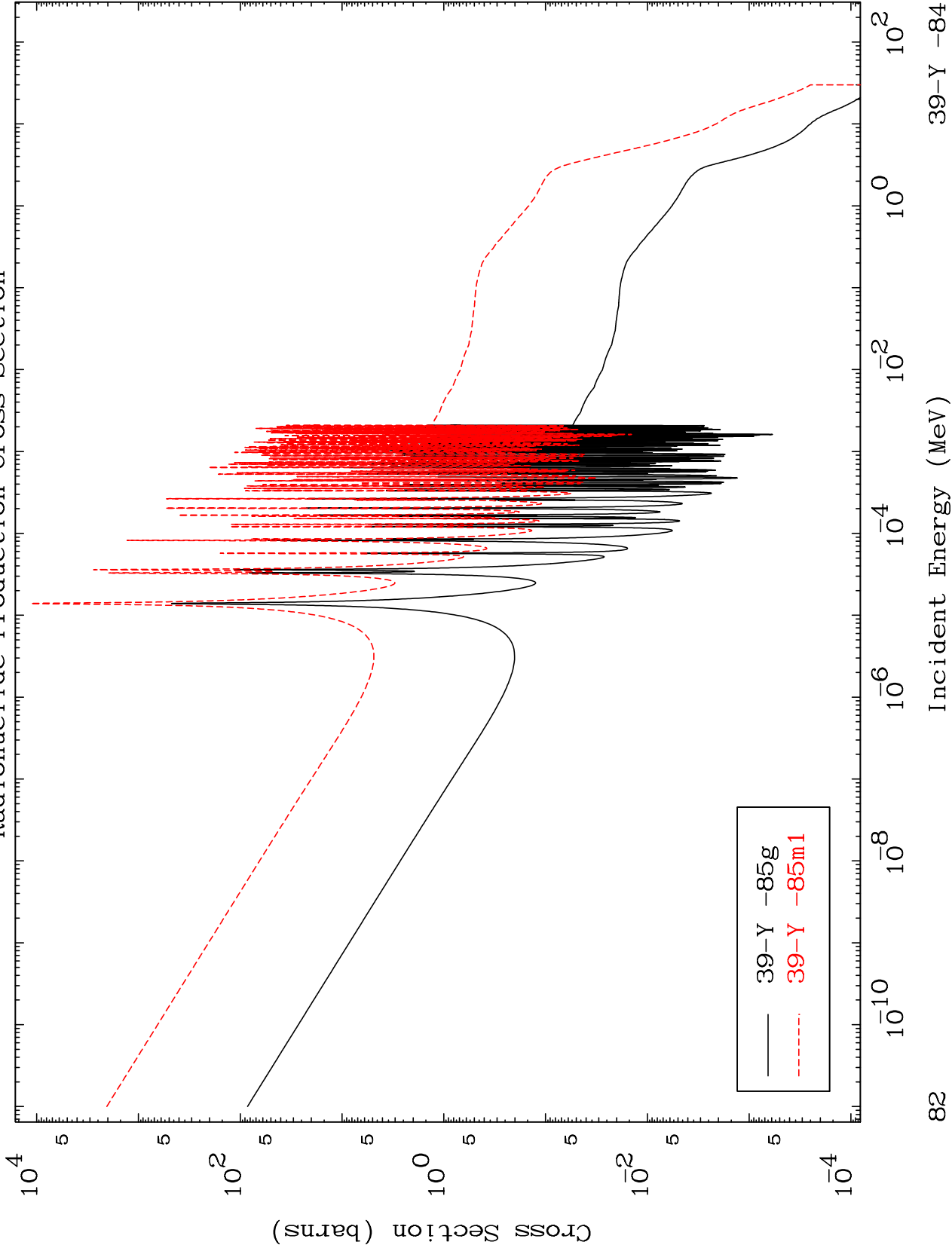
Incident Energy (MeV)

39-Y -84

MAT 3910

39-Y -84

Radionuclide Production Cross Section
(n, γ)



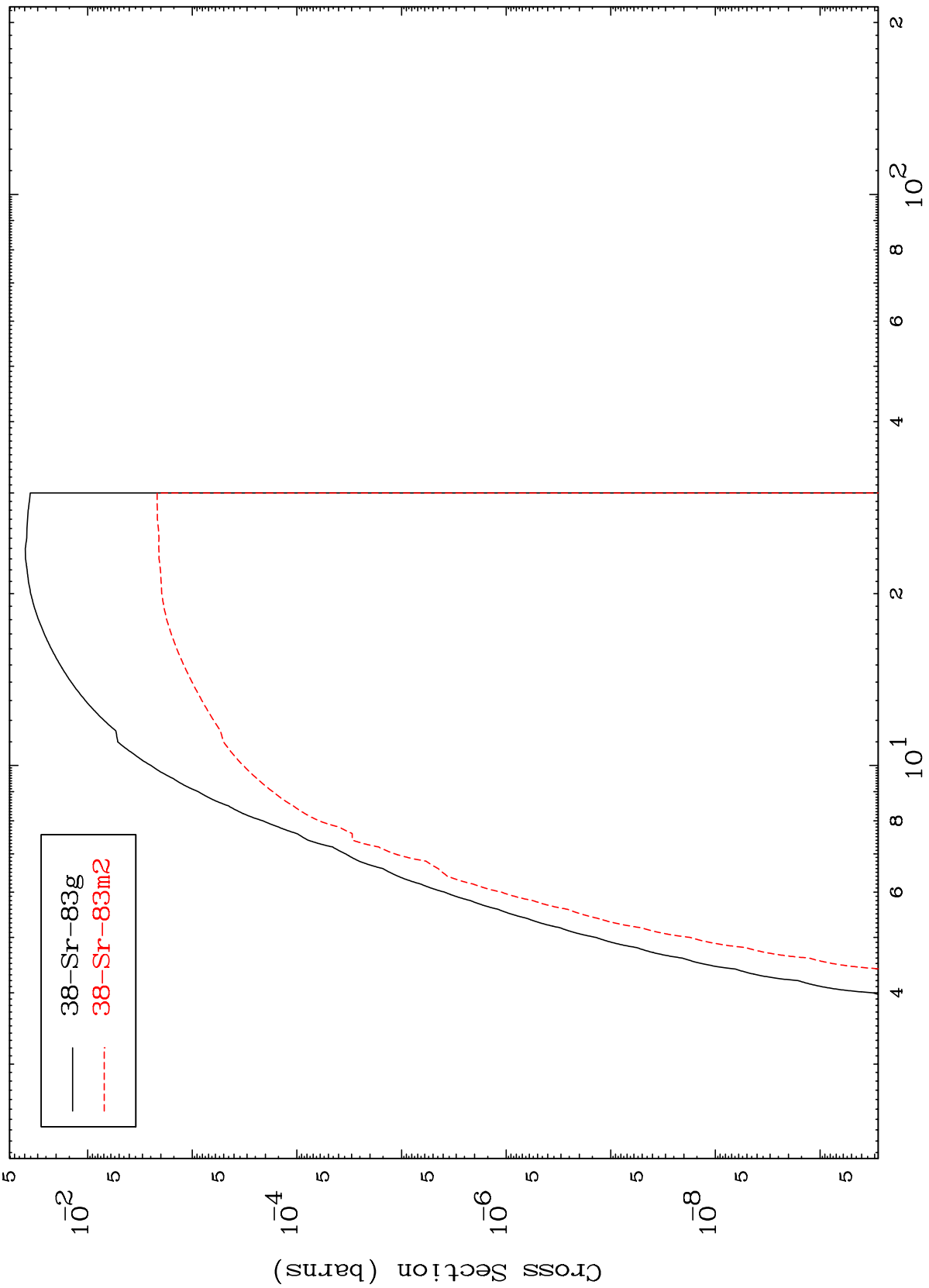
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39-Y -84

MAT 3910

39-Y -84

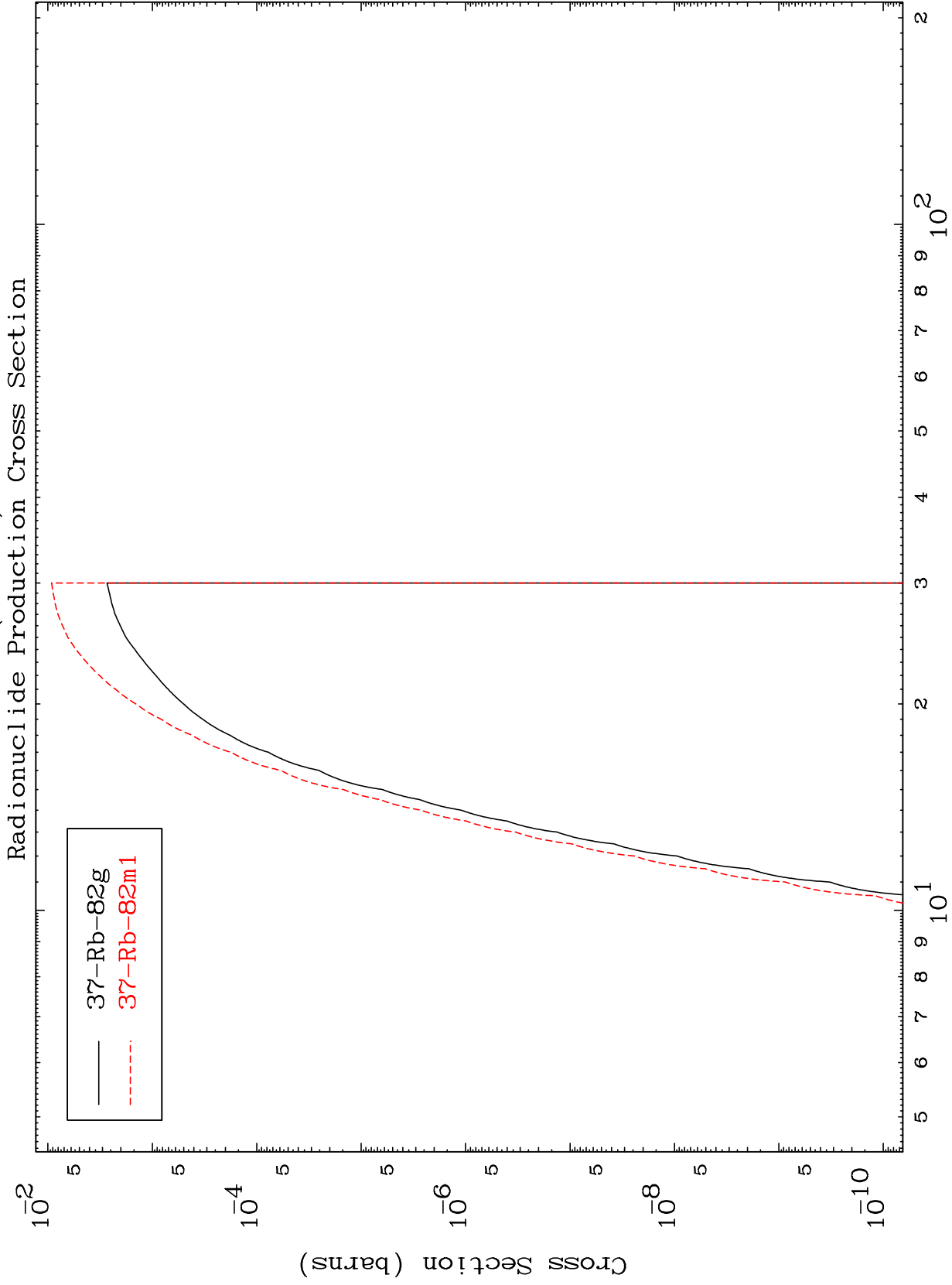
(n,d)
Radionuclide Production Cross Section



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39-Y -84

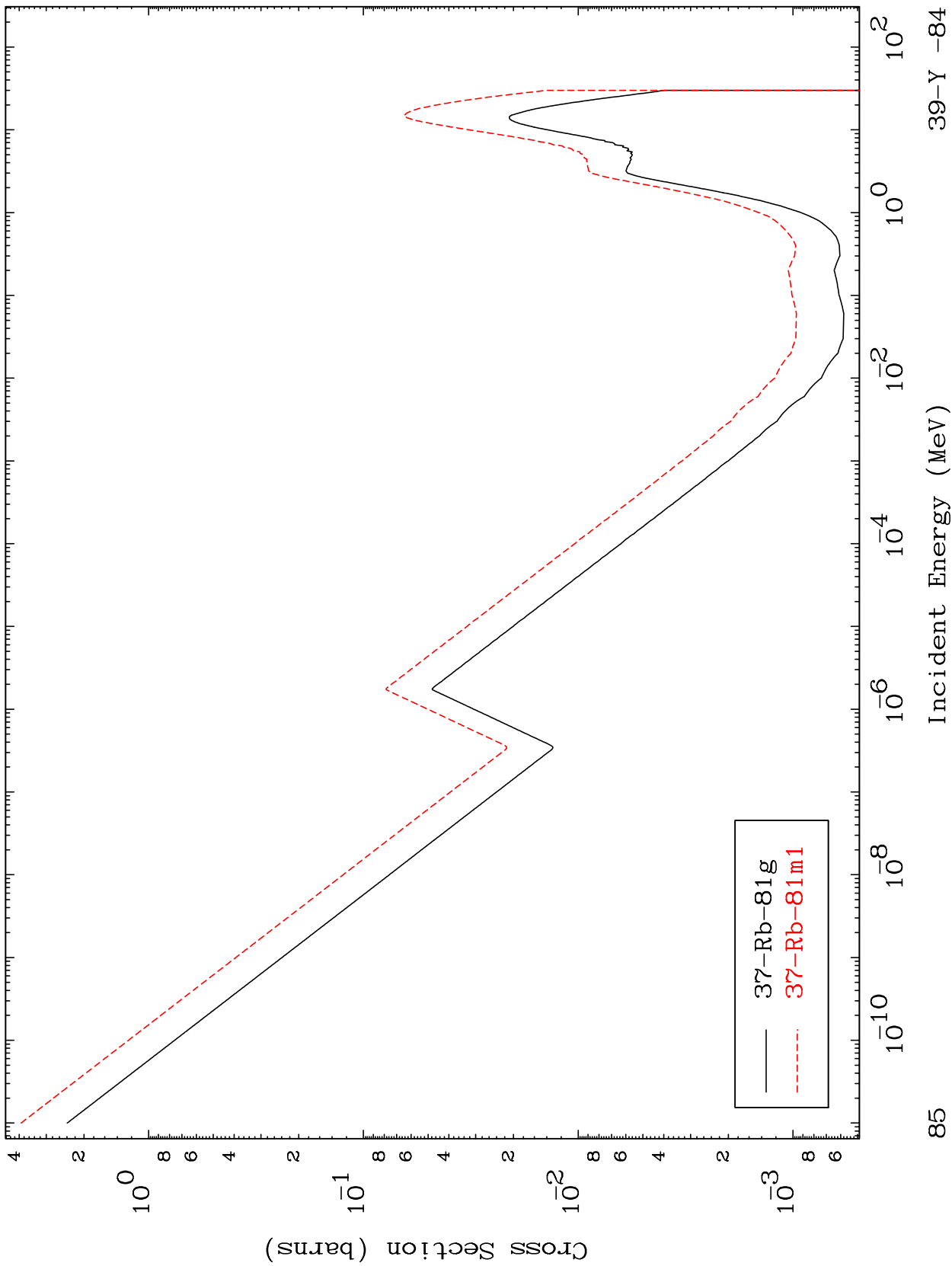
Incident Energy (MeV)



MAT 3910

39-Y -84

Radionuclide Production Cross Section



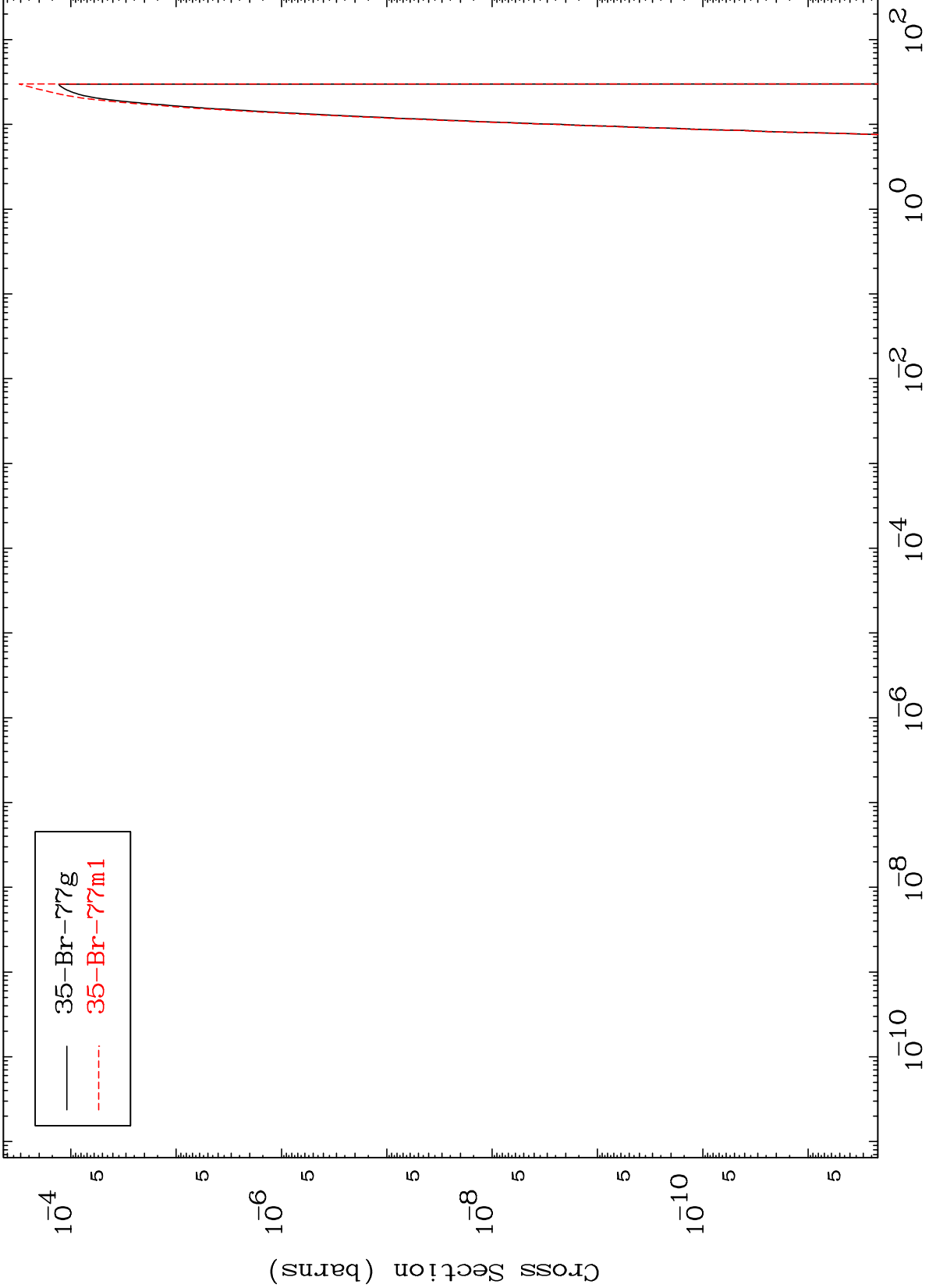
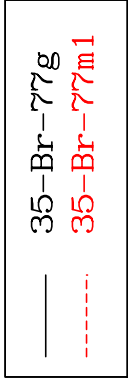
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MAT 3910

(n,2α)

39-Y -84

Radionuclide Production Cross Section



86

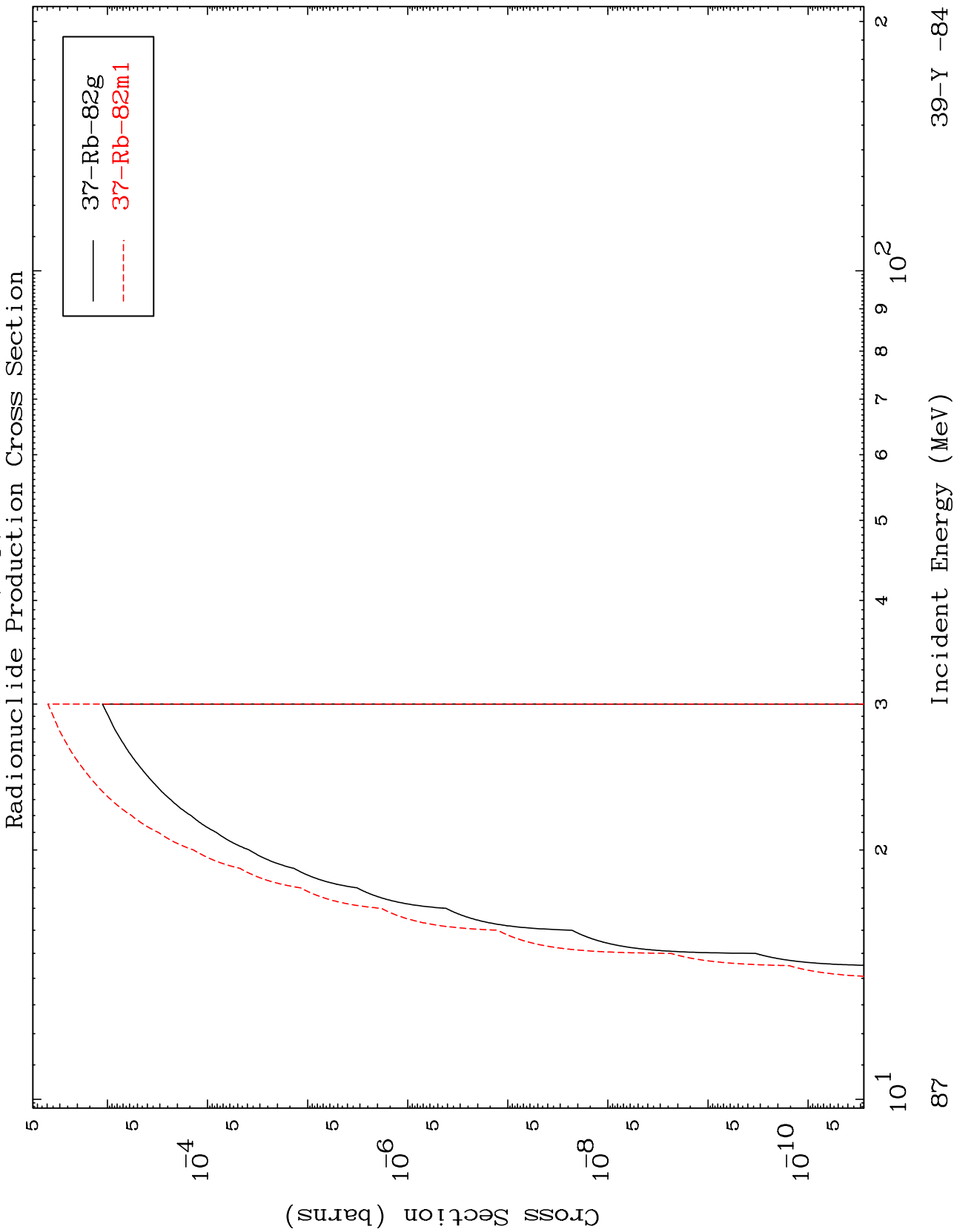
Incident Energy (MeV)

39-Y -84

MAT 3910

(n,p) d

39-Y -84



Incident Energy (MeV)

39-Y -84

87

