

Program EVALPLOT
(Version 2017-1)

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

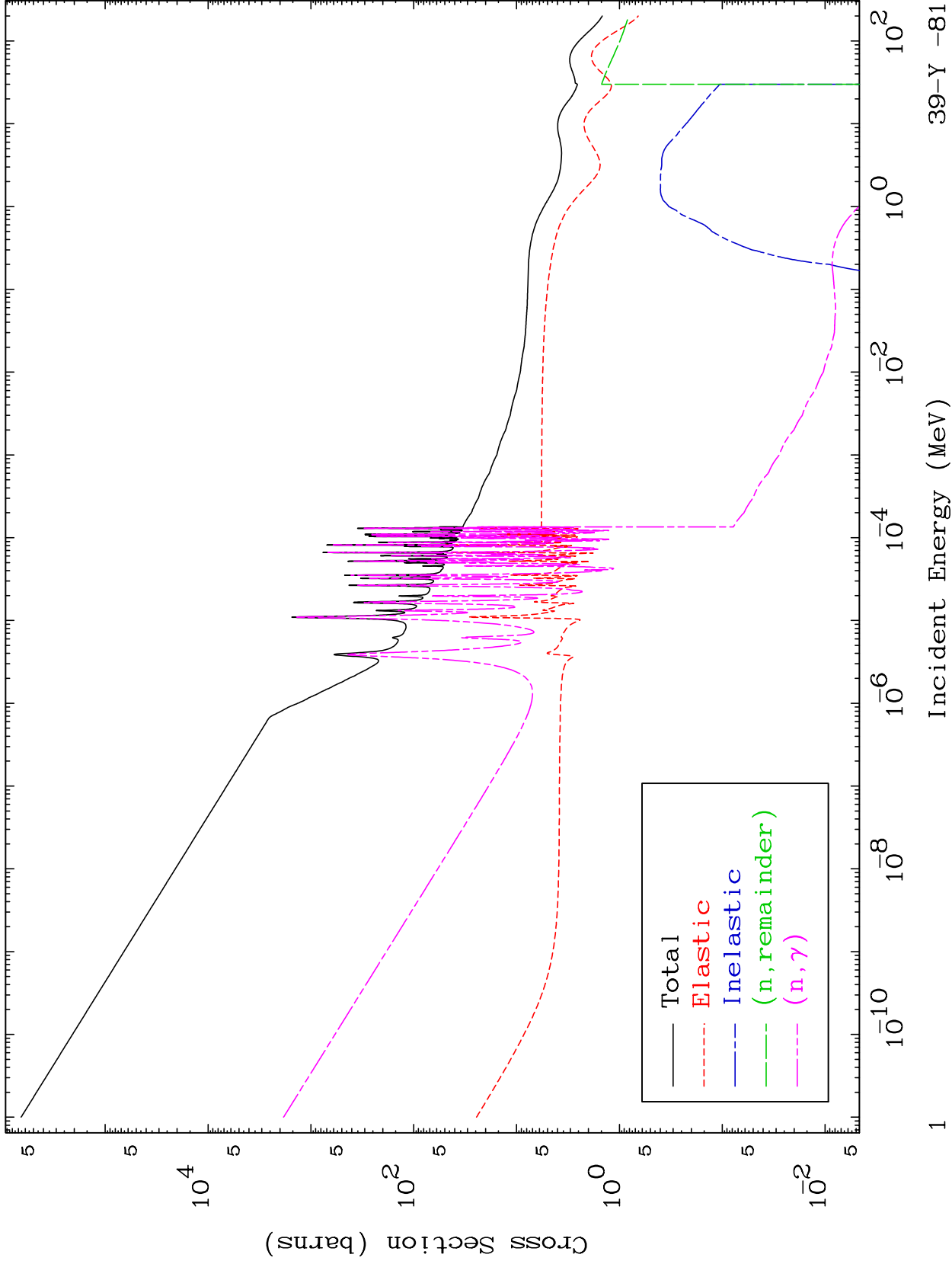
Web:redcullen1.net/HOMEPAGE.NEW

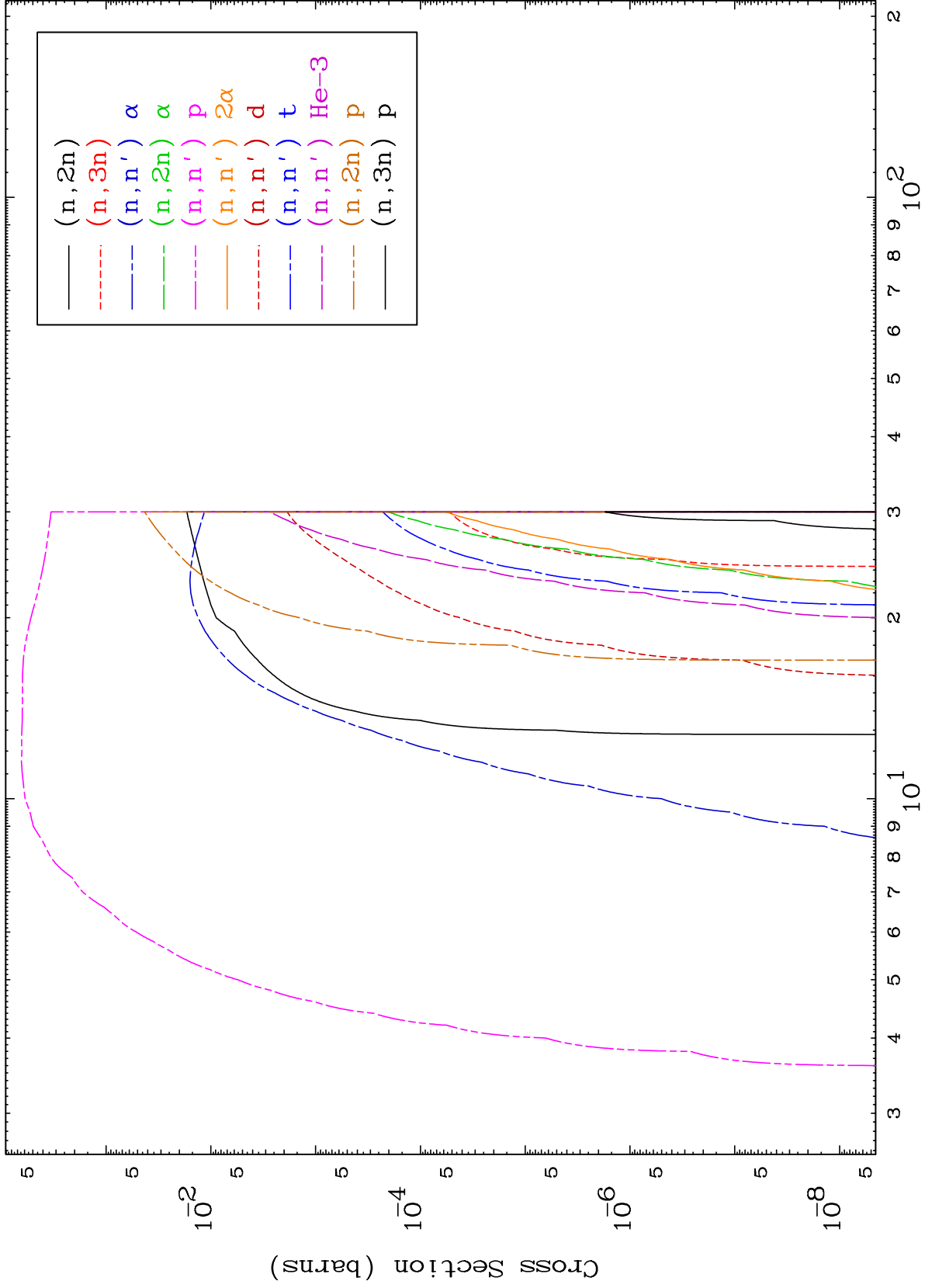
Press Mouse Button to Start

MAT 3901

Major
293 Kelvin Cross Sections

39-Y -81

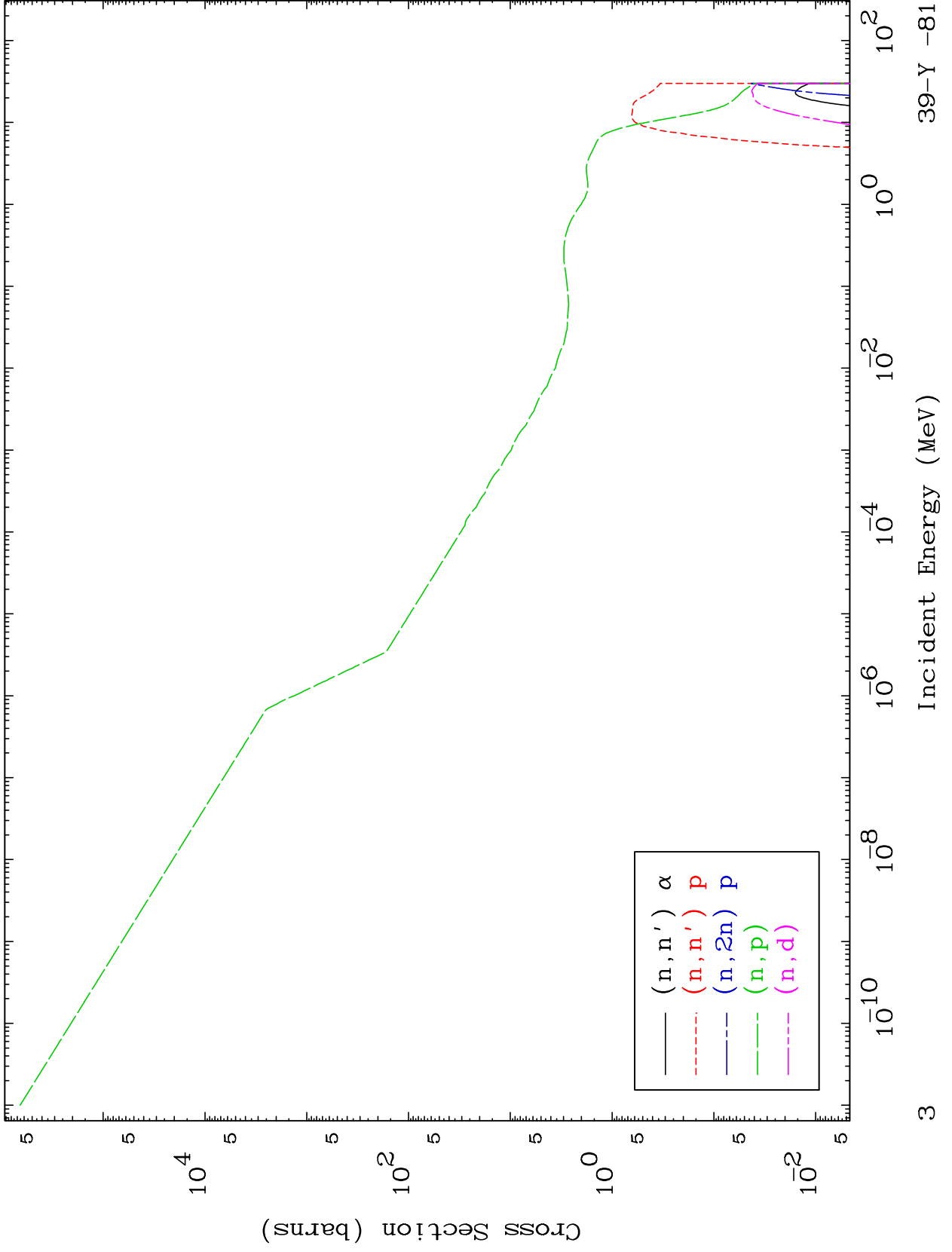




MAT 3901

Charged Particle
293 Kelvin Cross Sections

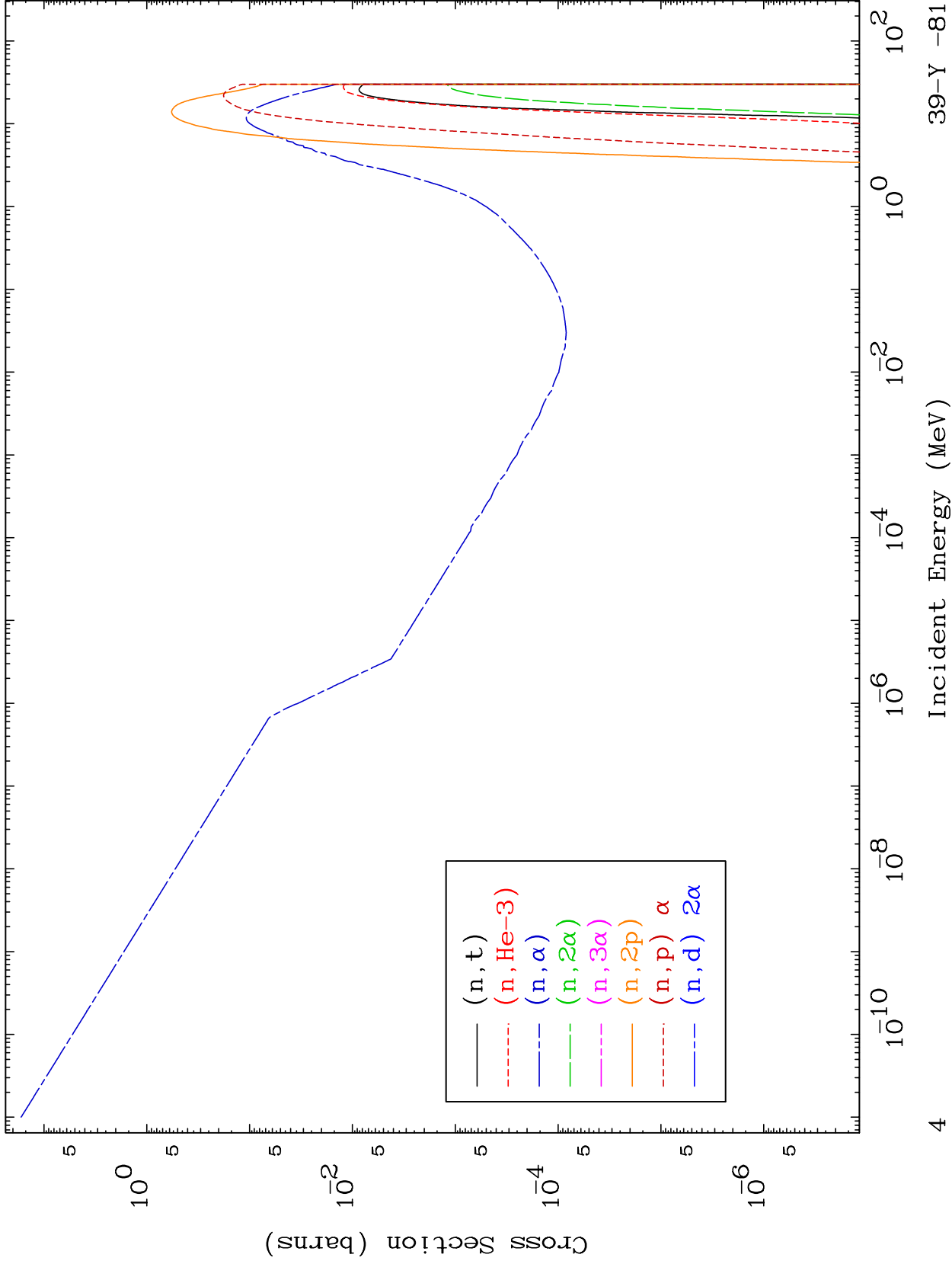
39-Y -81

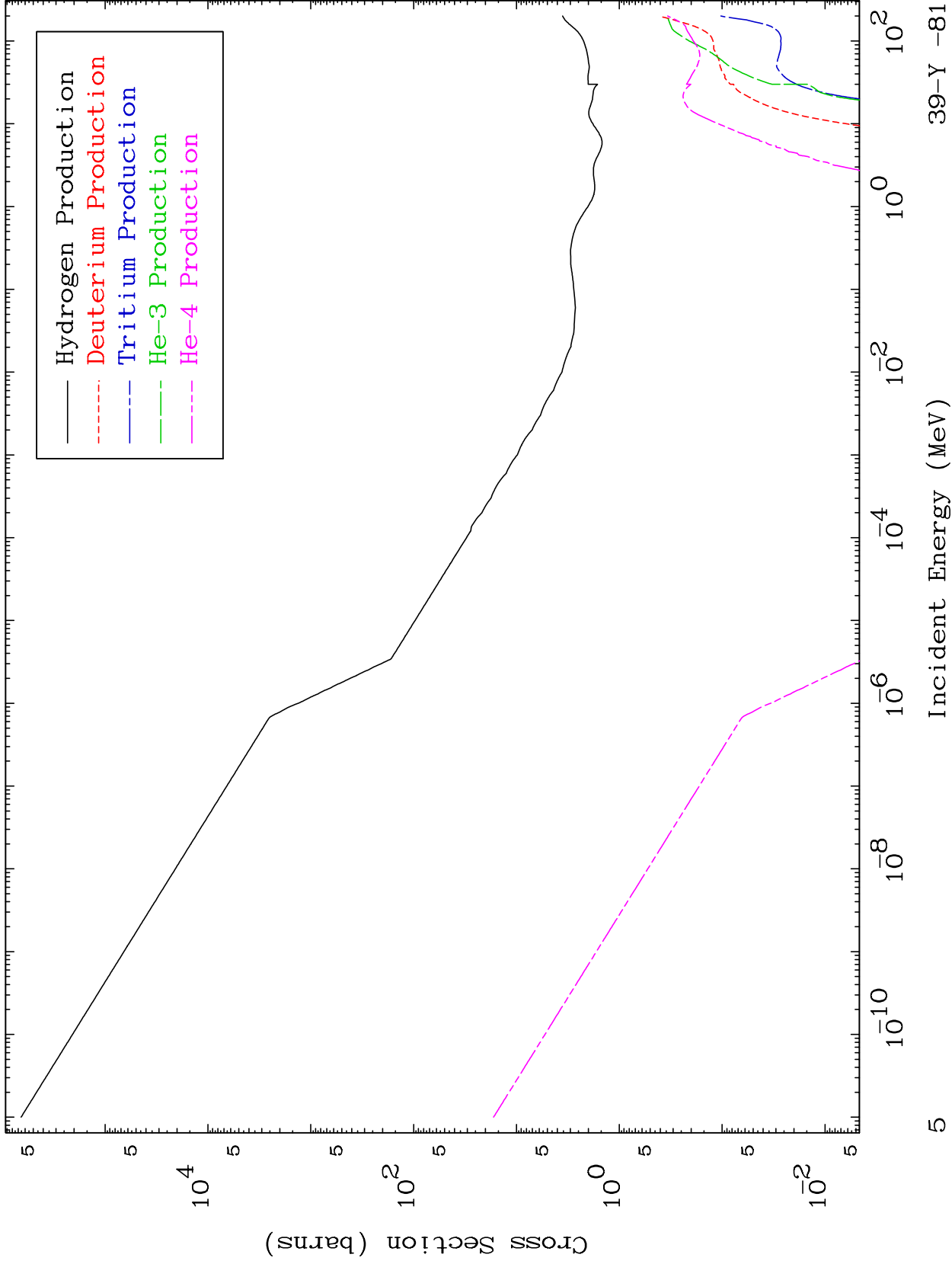


MAT 3901

Charged Particle
293 Kelvin Cross Sections

39-Y -81

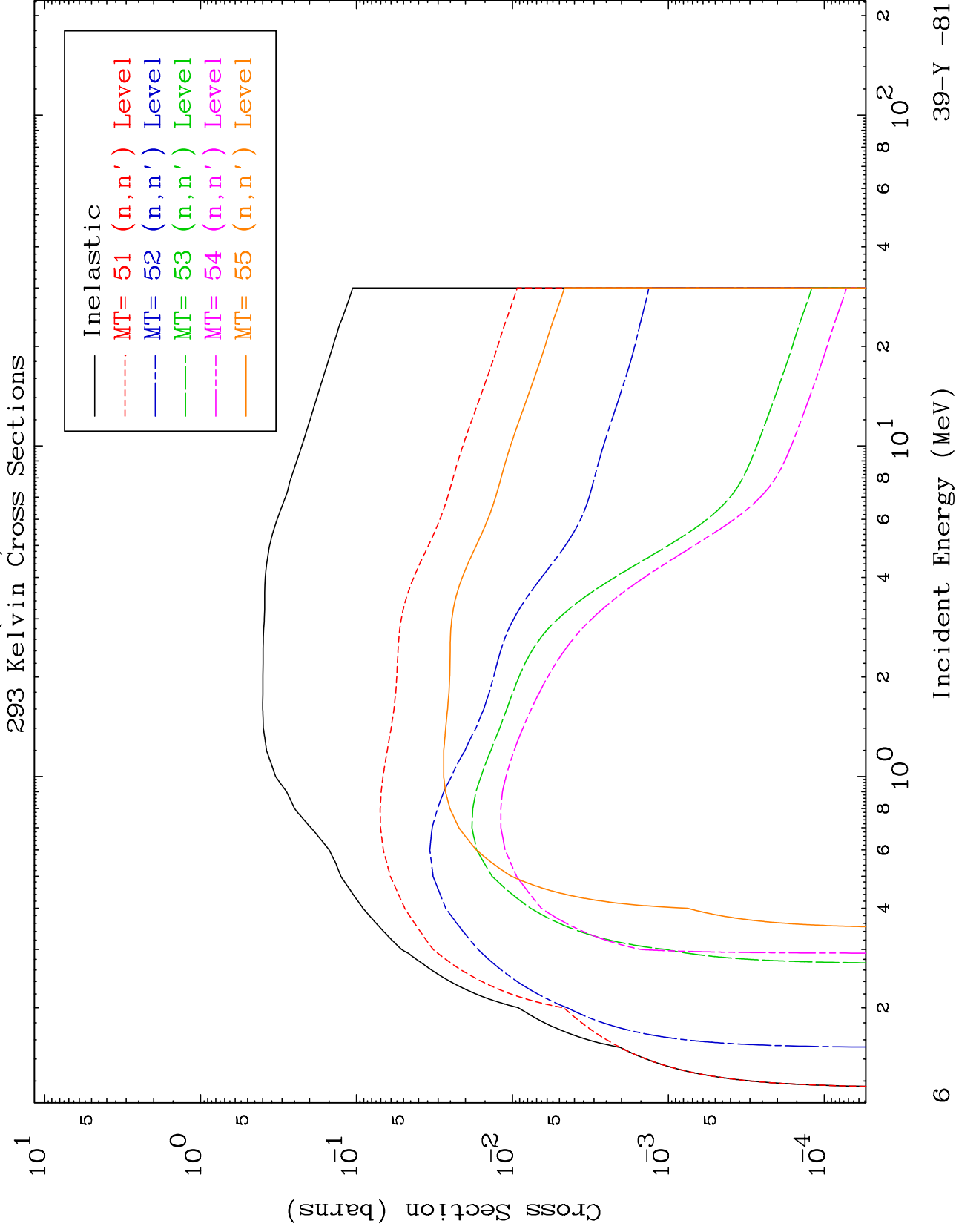




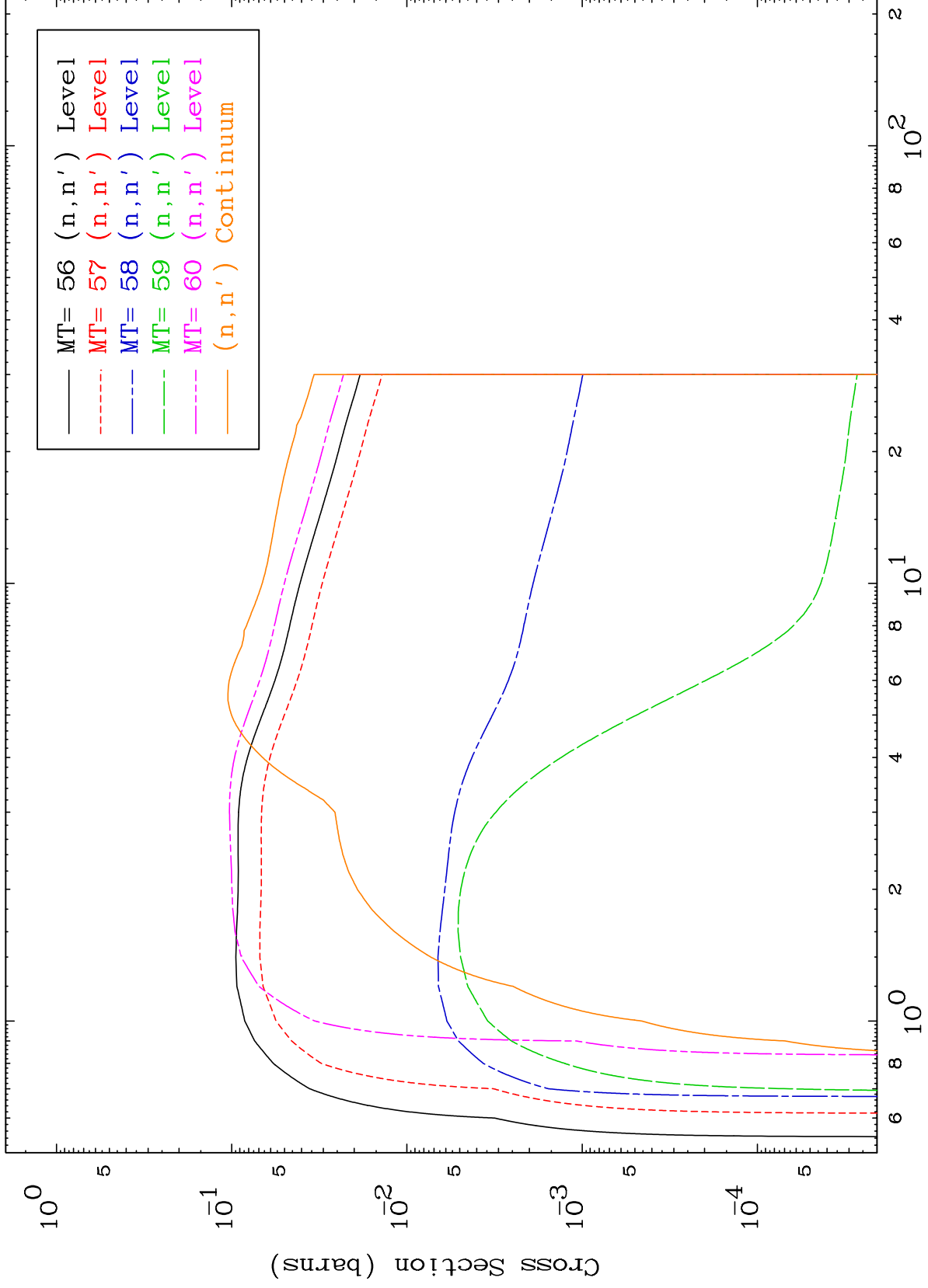
MAT 3901

(n,n') Level

39-Y -81



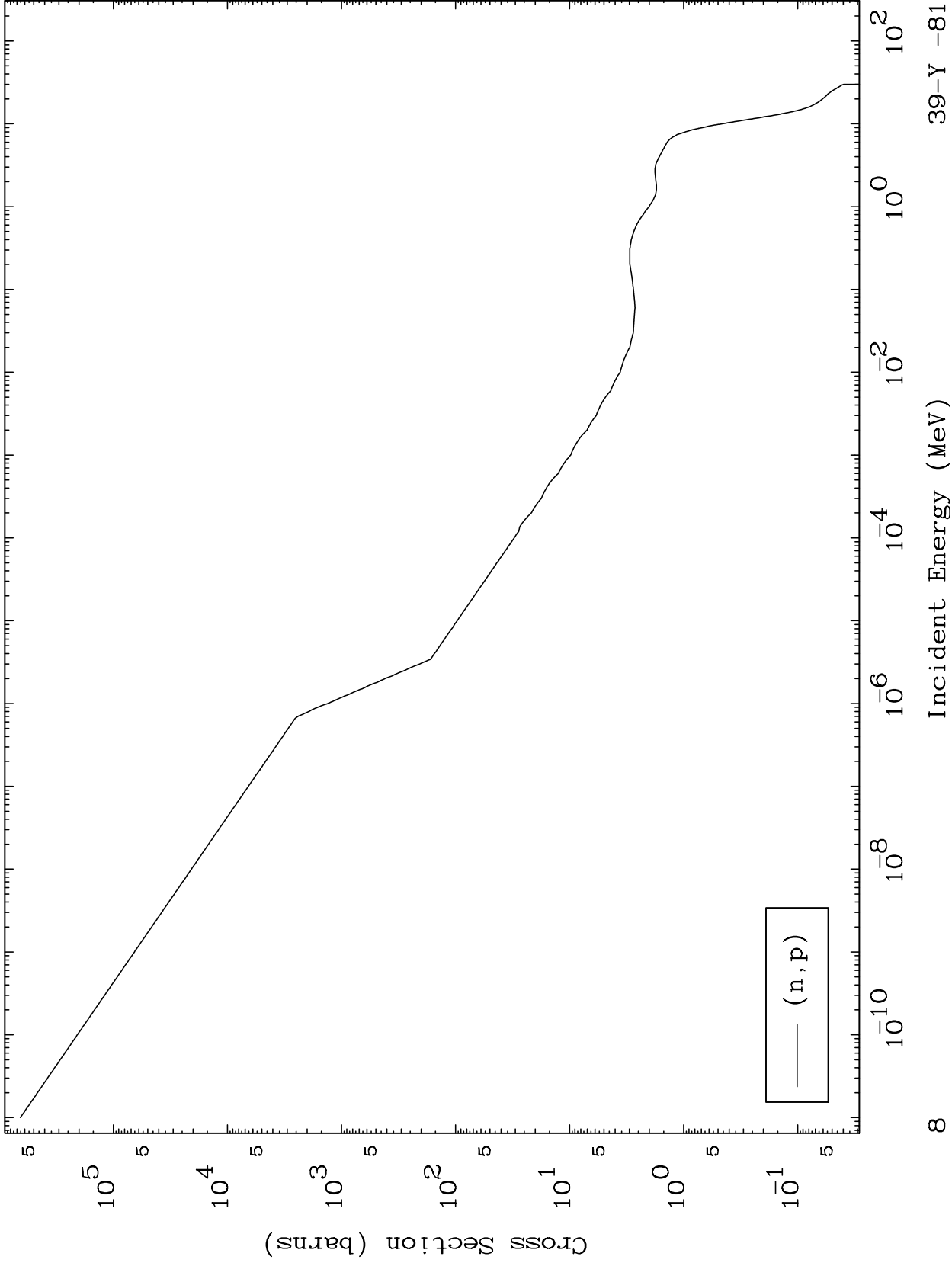
6



MAT 3901

(n,p) Levels
293 Kelvin Cross Sections

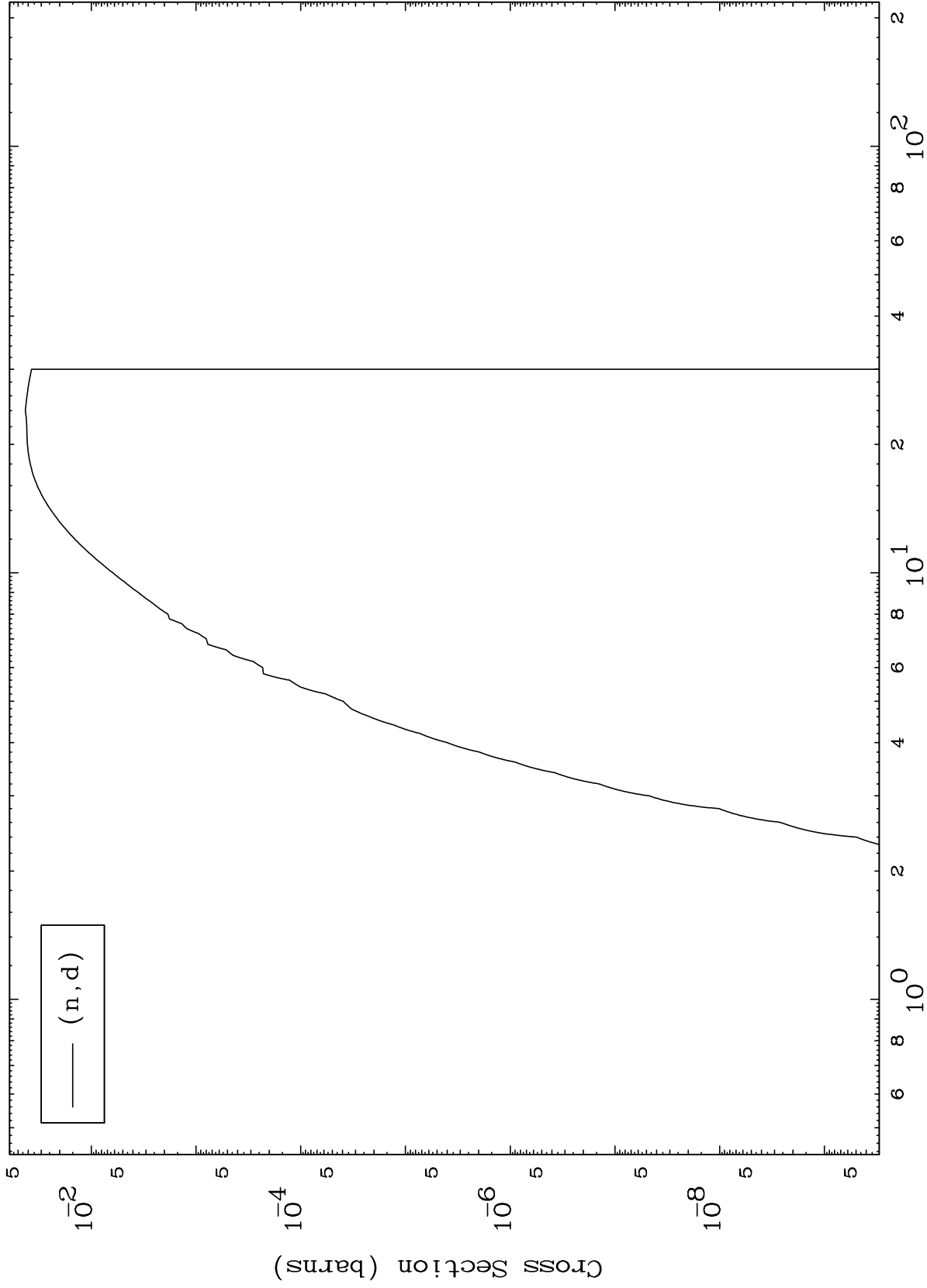
39-Y -81



MAT 3901

(n,d) Levels
293 Kelvin Cross Sections

39-Y -81



9

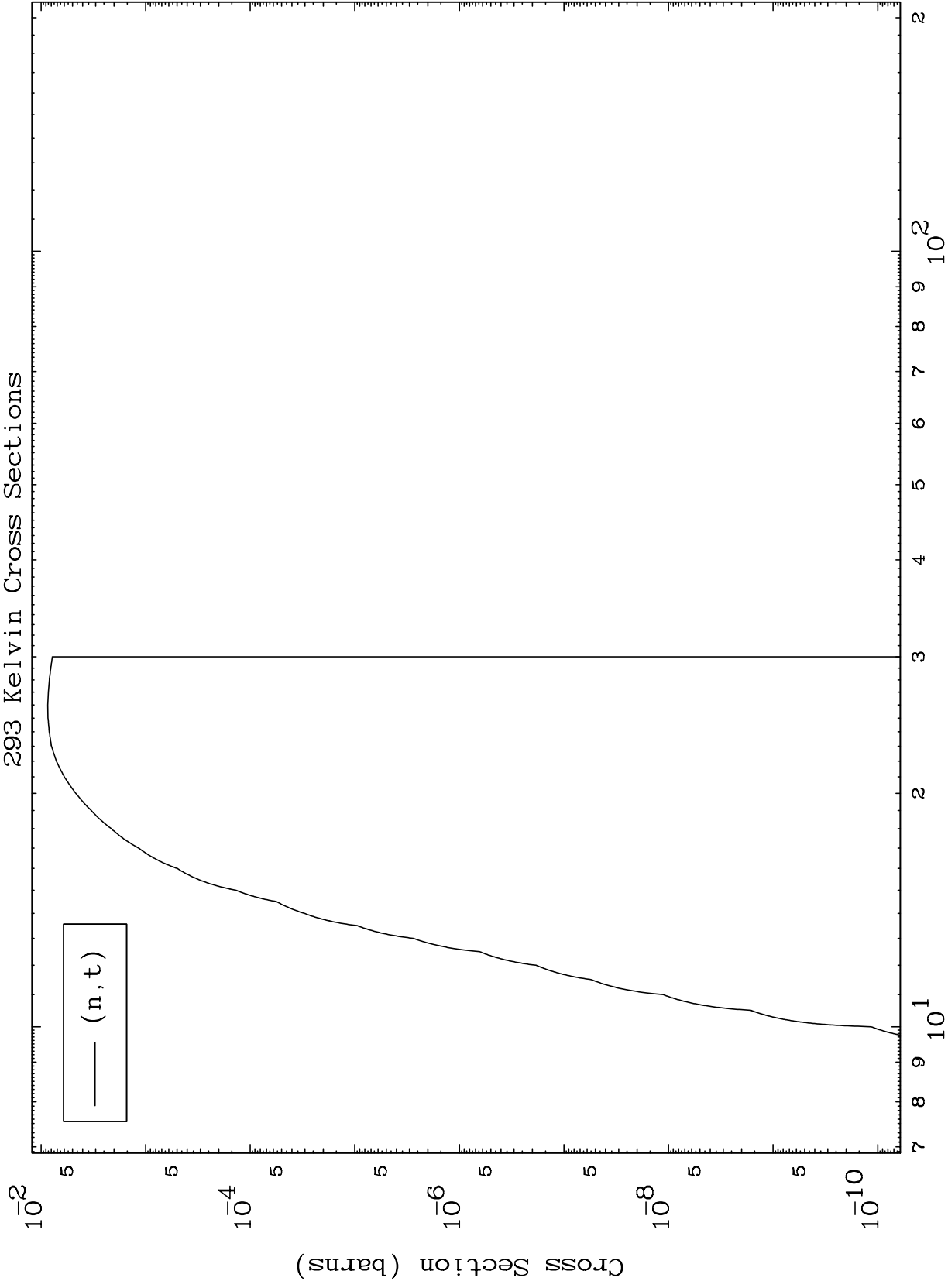
Incident Energy (MeV)

39-Y -81

MAT 3901

(n,t) Levels
293 Kelvin Cross Sections

39-Y -81



Incident Energy (MeV)

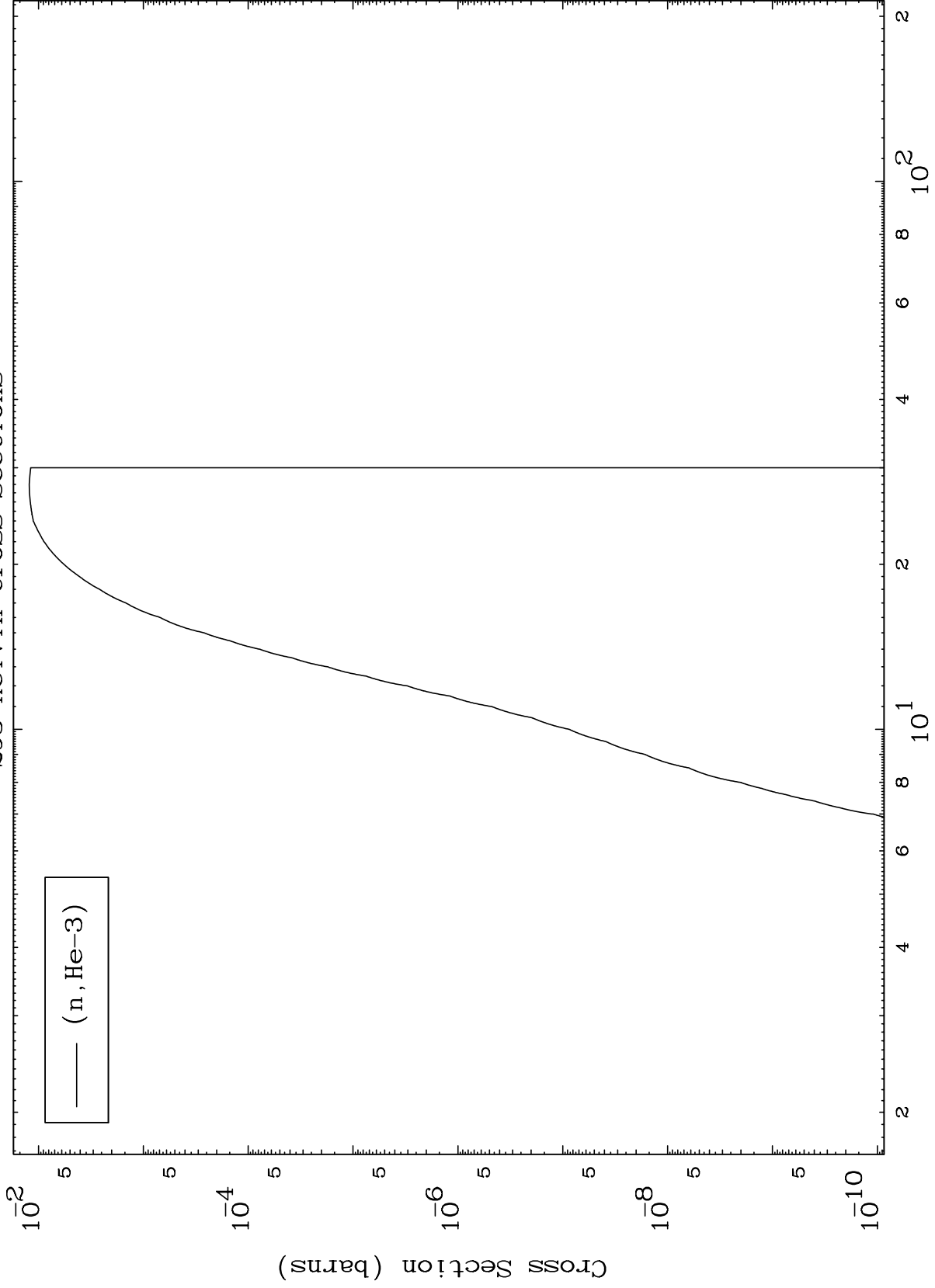
39-Y -81

10

MAT 3901

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -81



11

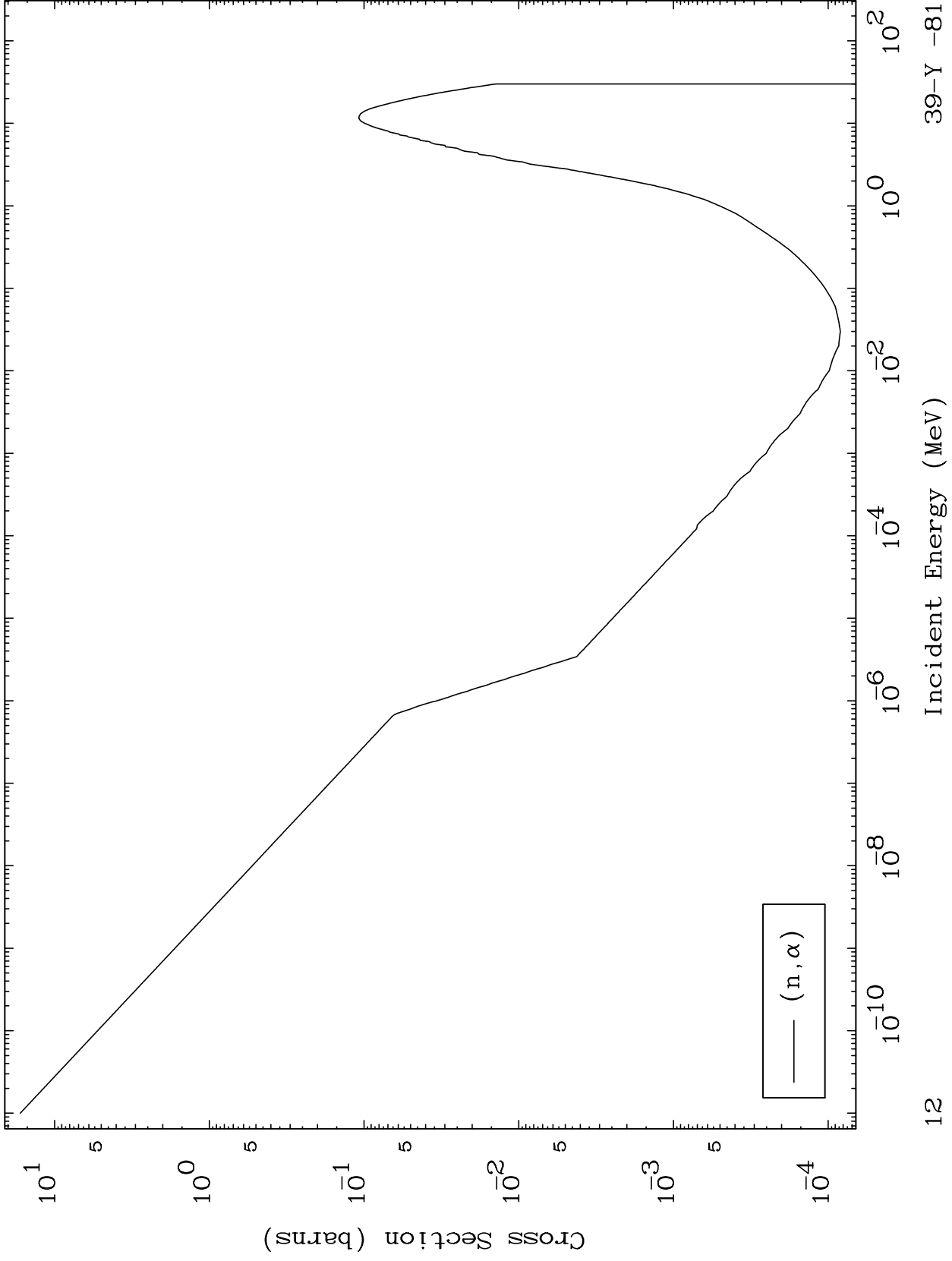
Incident Energy (MeV)

39-Y -81

MAT 3901

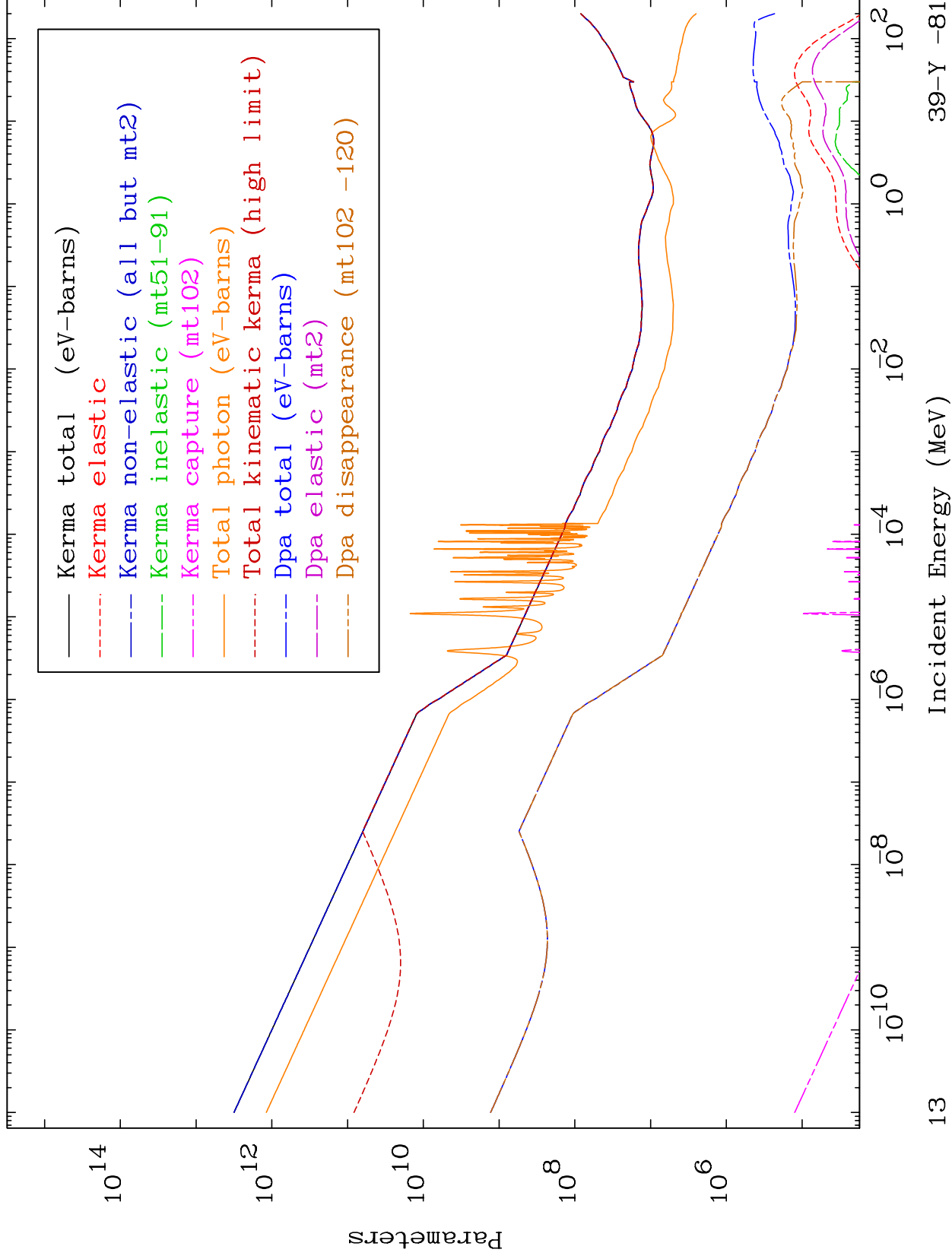
(n,α) Levels
293 Kelvin Cross Sections

39-Y -81



12

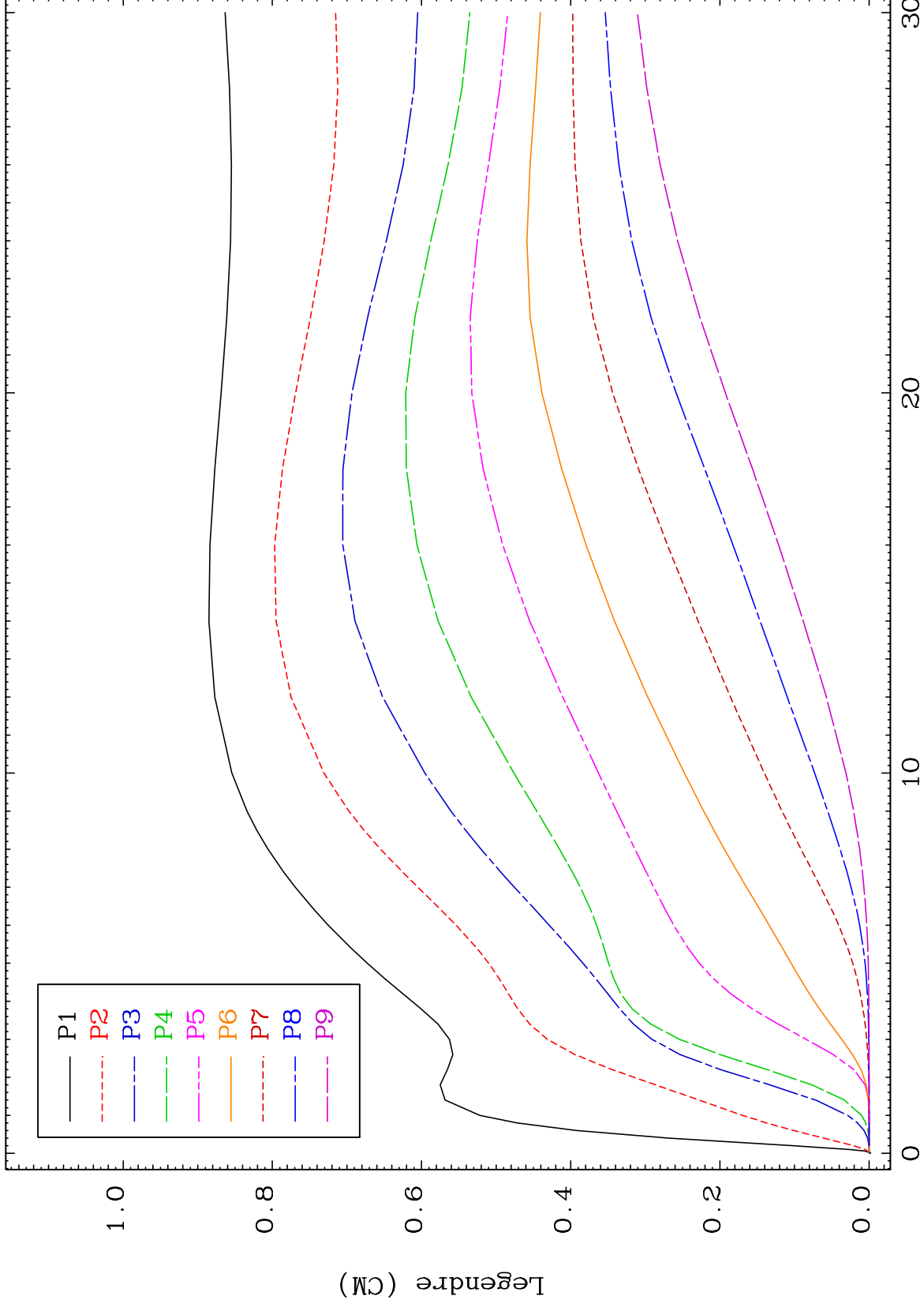
39-Y -81



MAT 3901

Elastic Legendre Coefficients

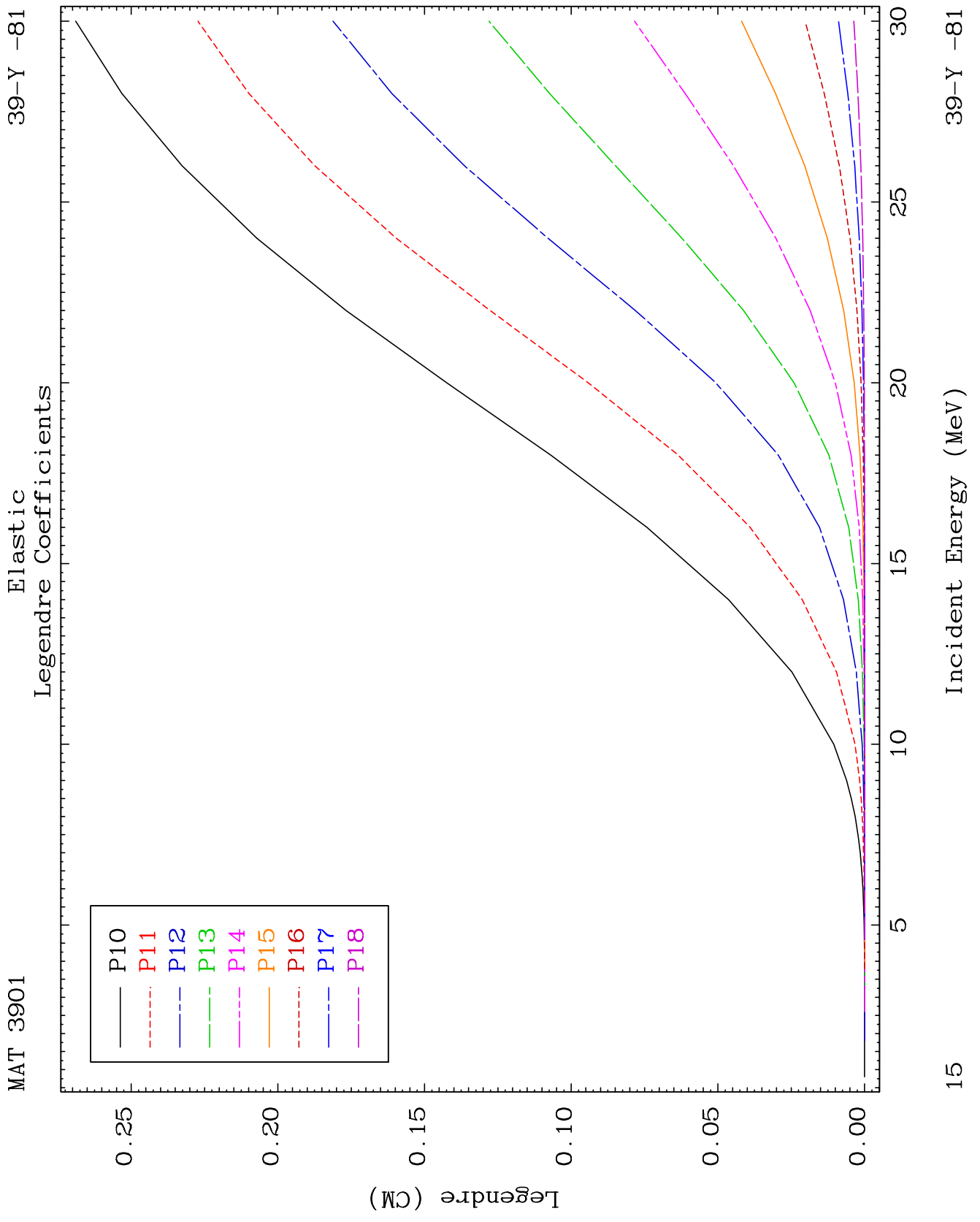
39-Y -81



14

Incident Energy (MeV)

39-Y -81



39-Y -81

39-Y -81

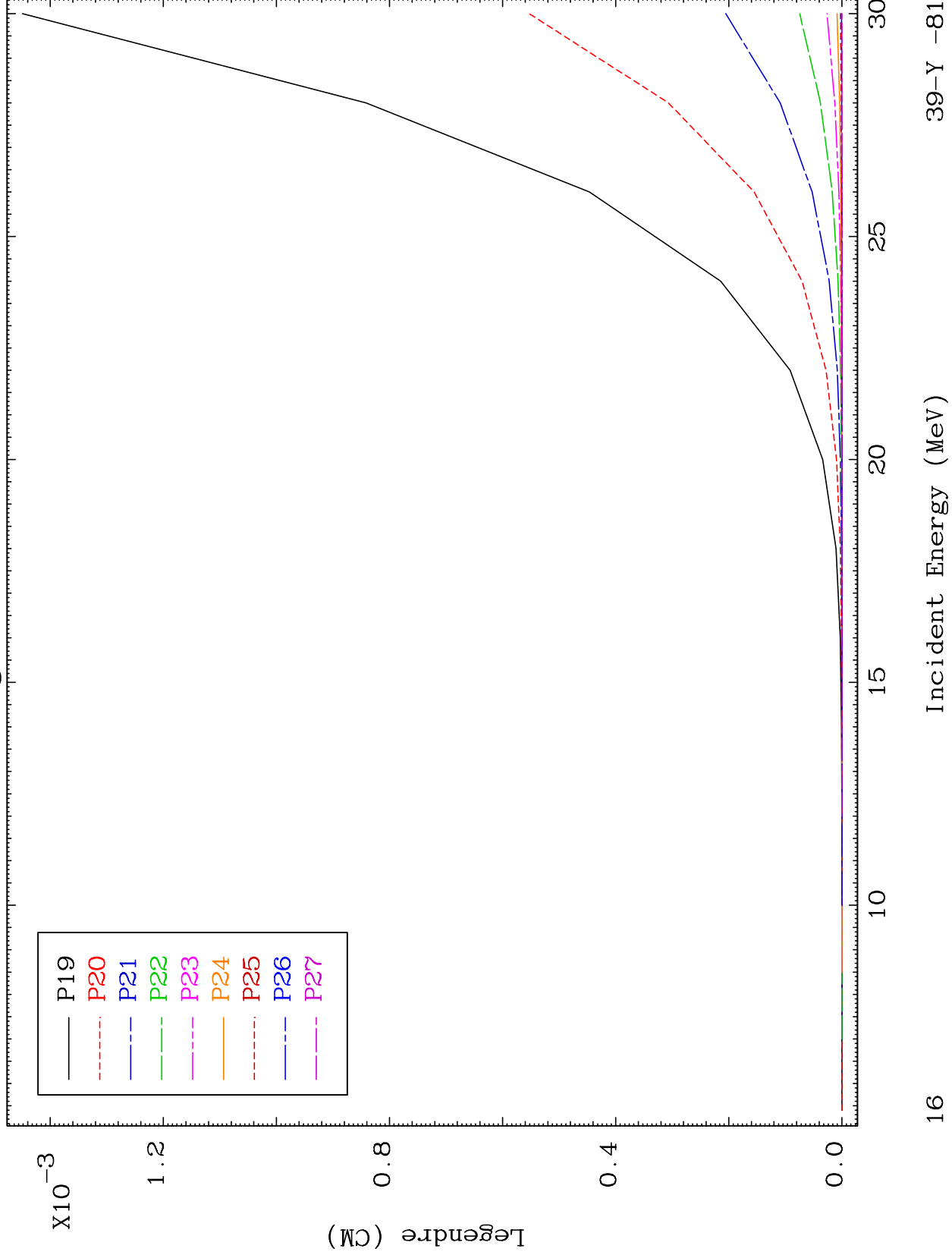
Incident Energy (MeV)

15

MAT 3901

Elastic Legendre Coefficients

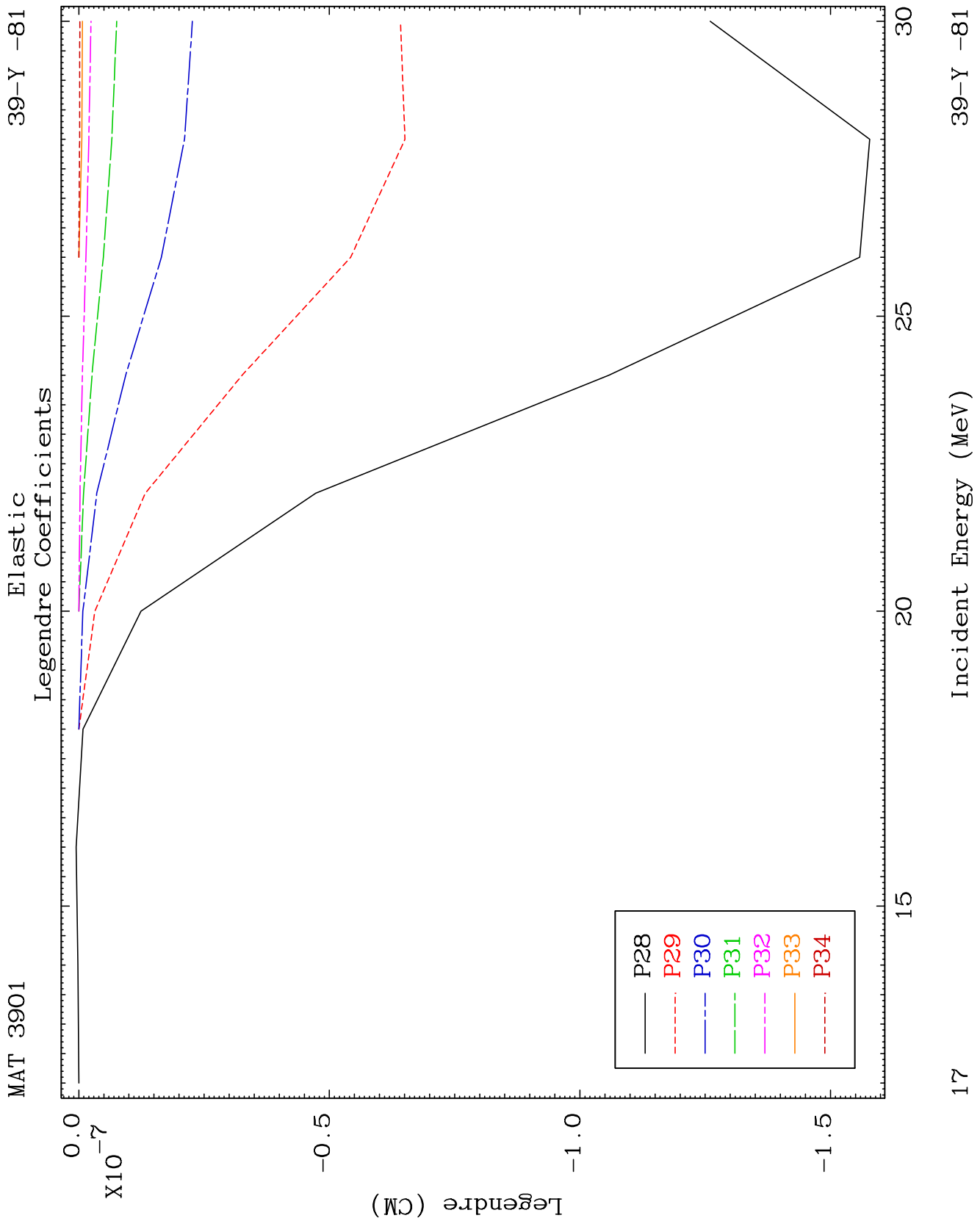
39-Y -81



16

Incident Energy (MeV)

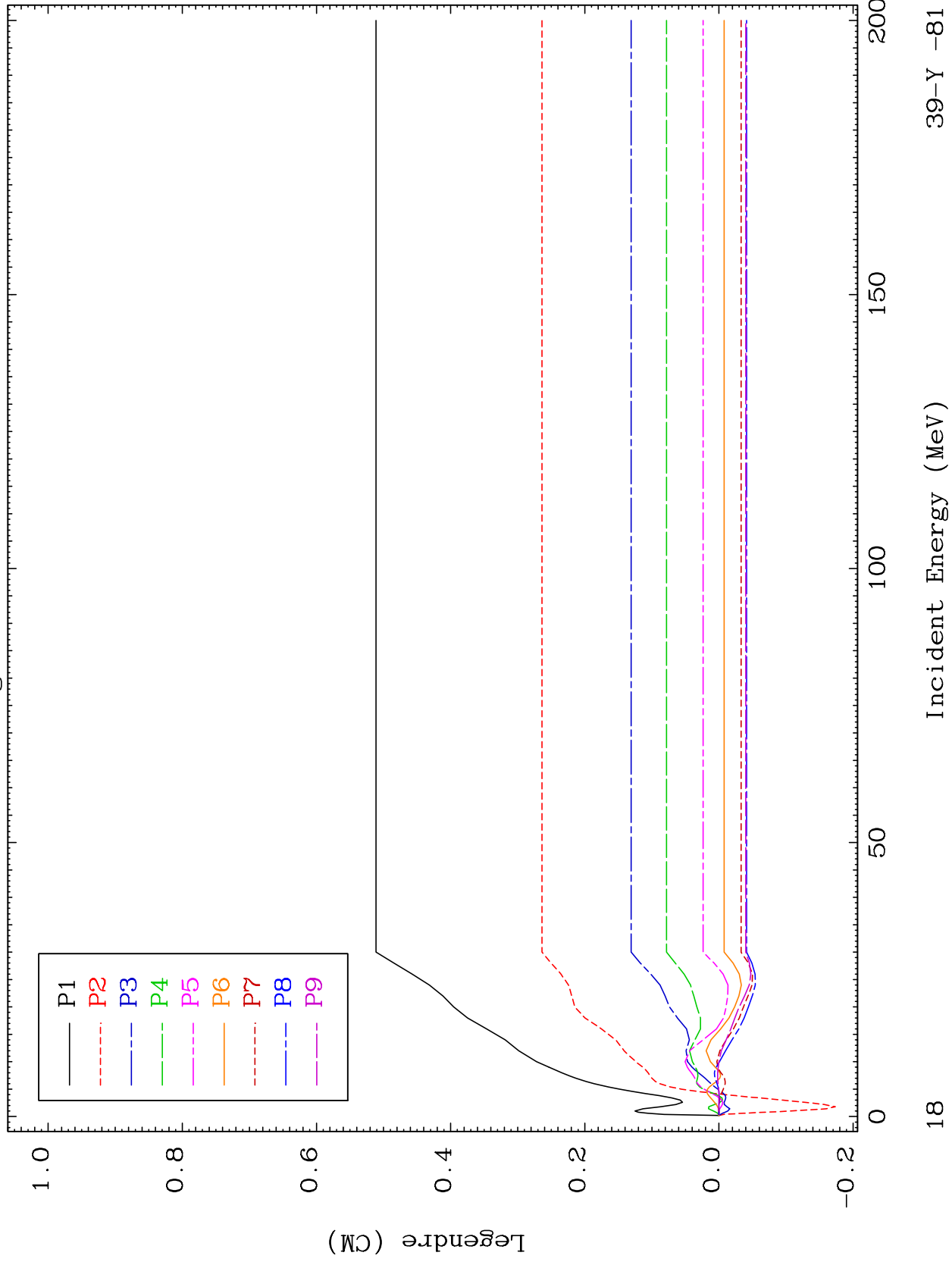
39-Y -81



MAT 3901

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

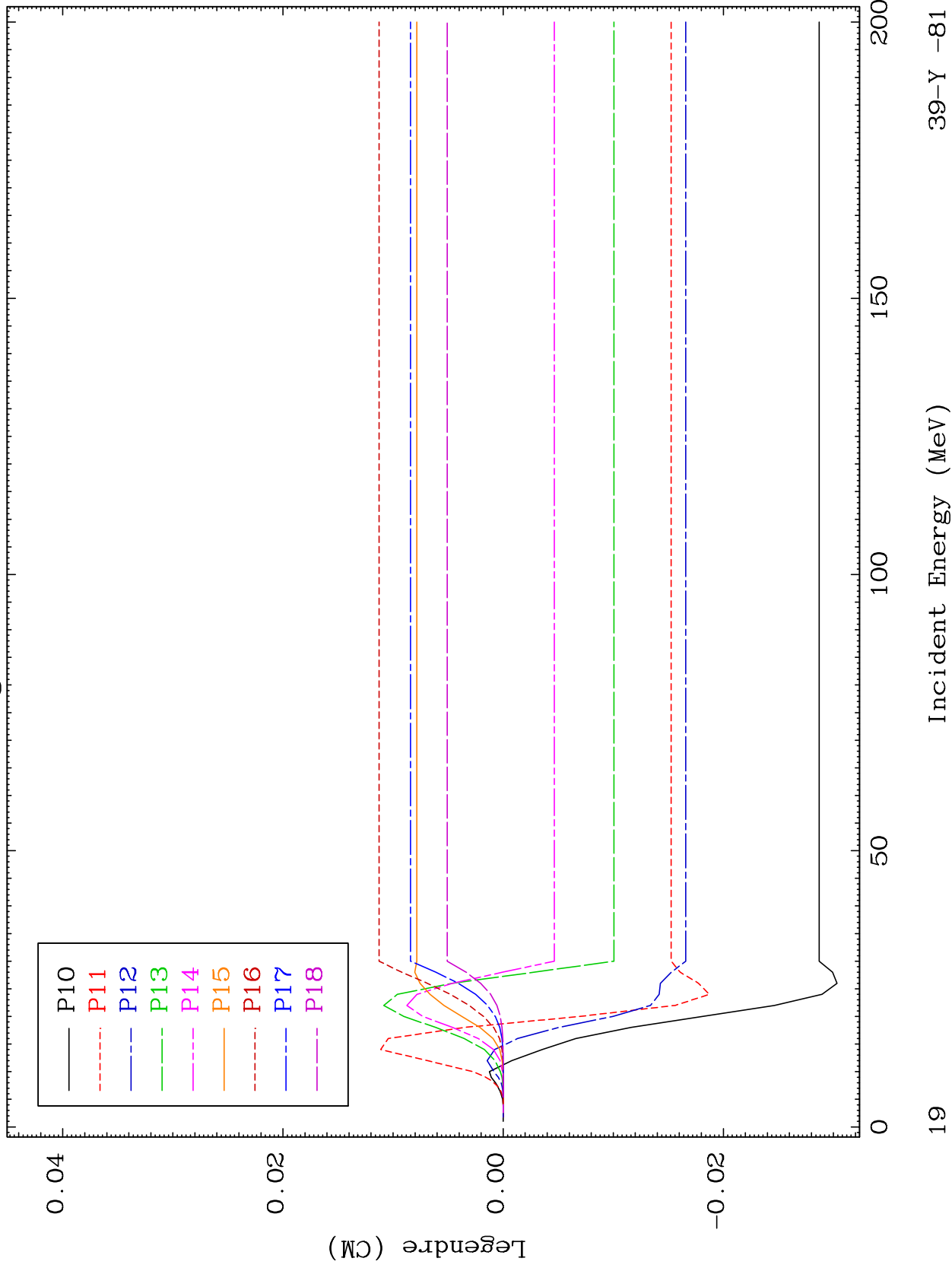
39-Y -81



MAT 3901

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

39-Y -81



19

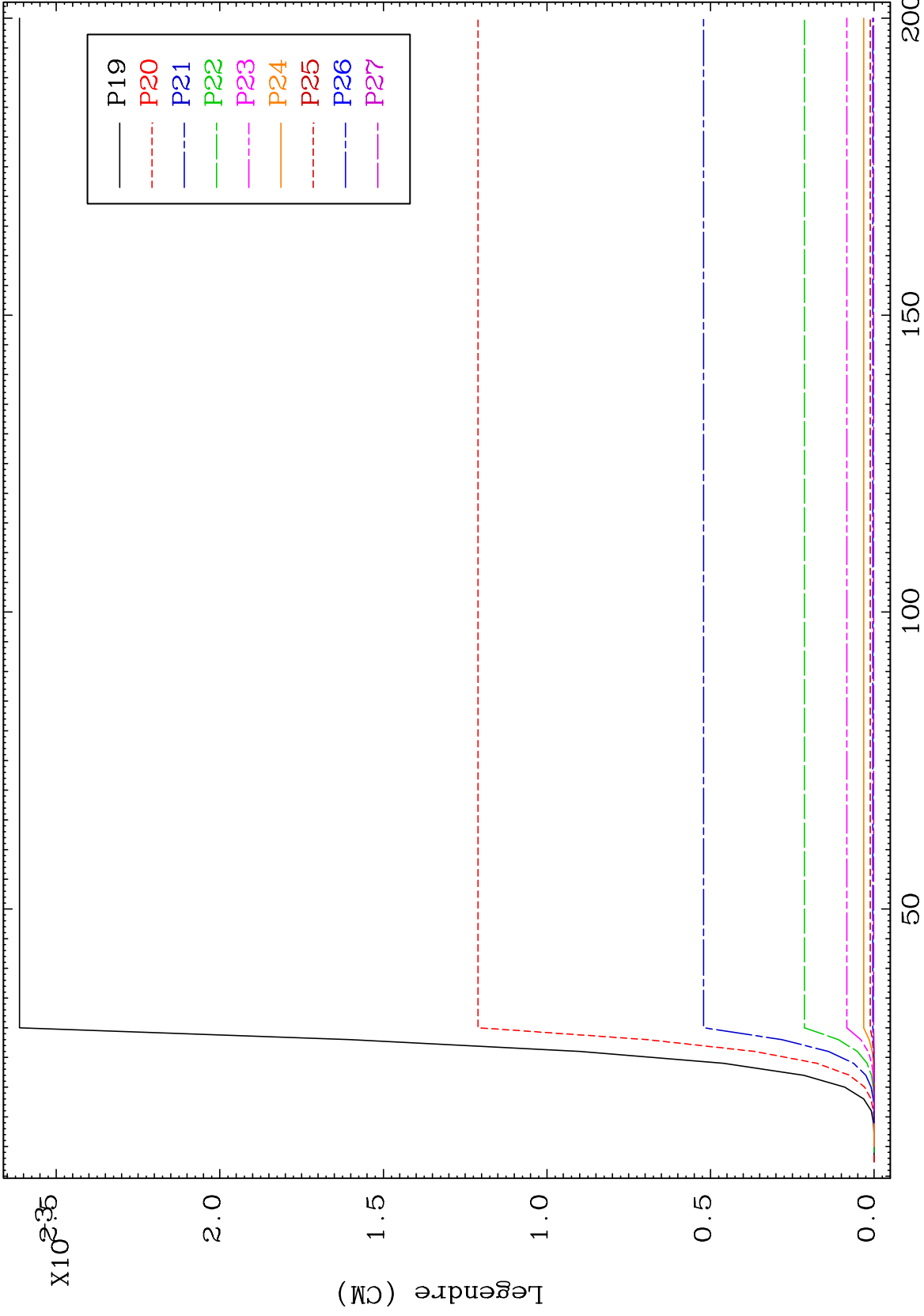
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



20

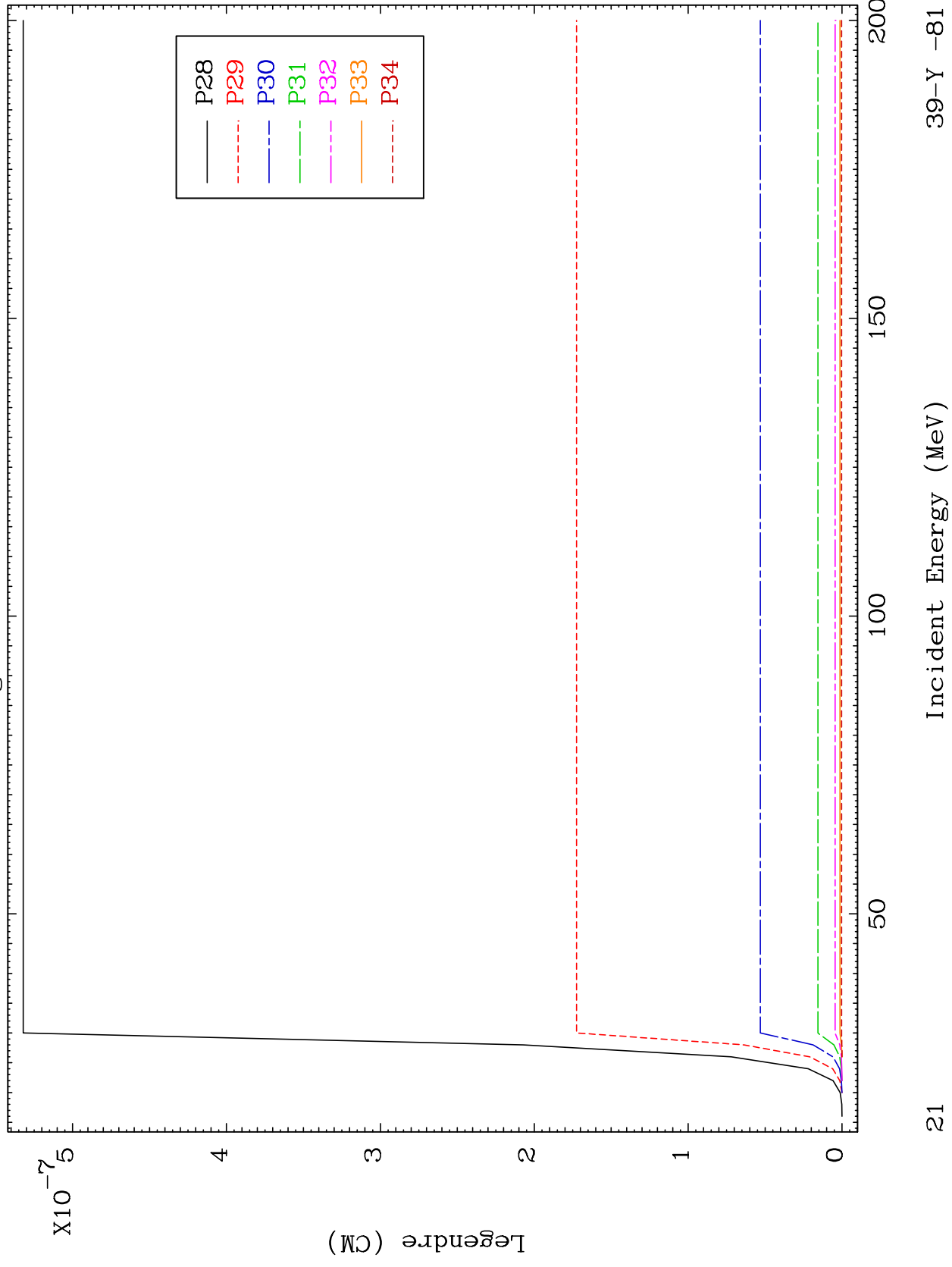
Incident Energy (MeV)

39-Y -81

MAT 3901

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

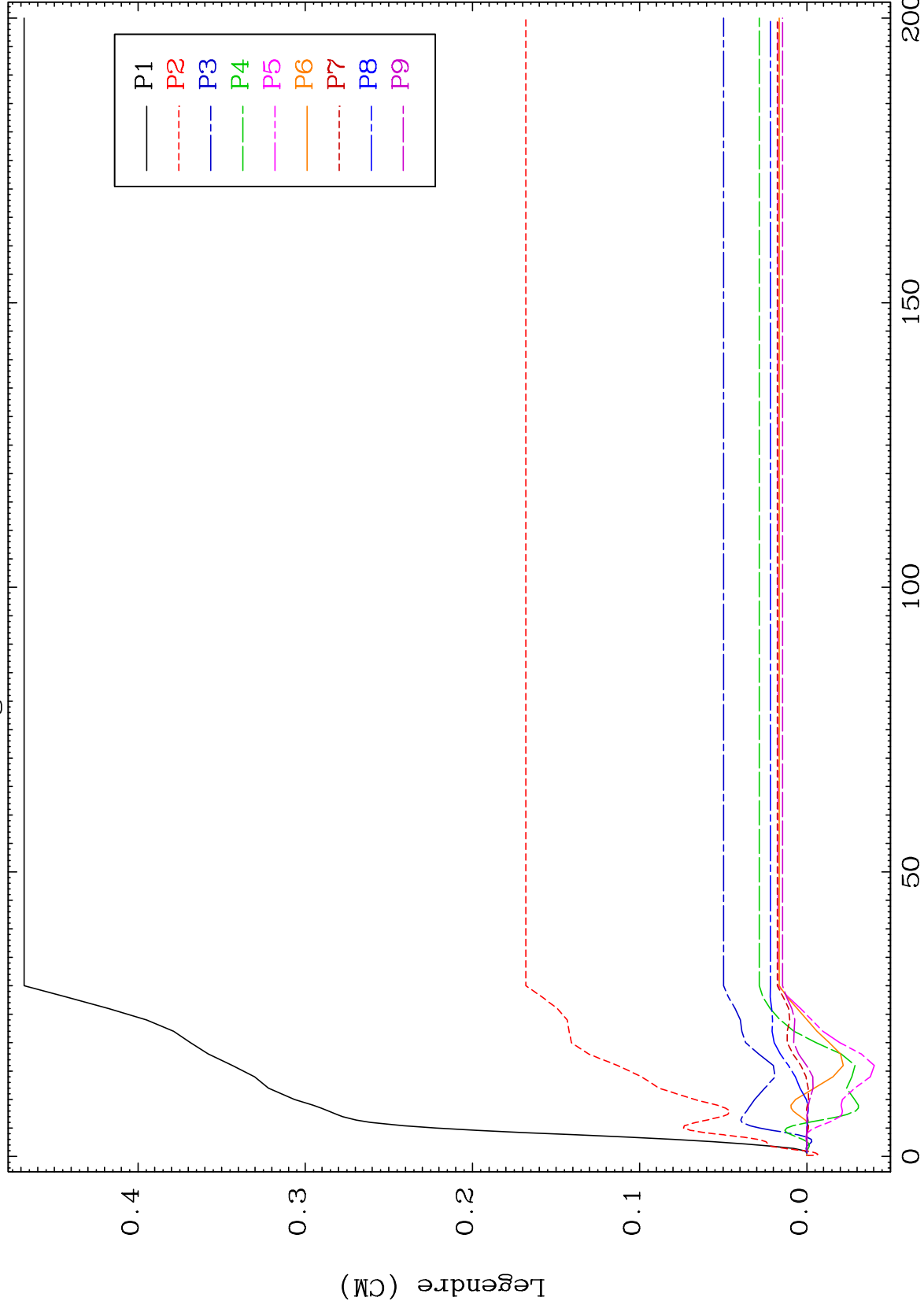
39-Y -81



MAT 3901

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

39-Y -81



22

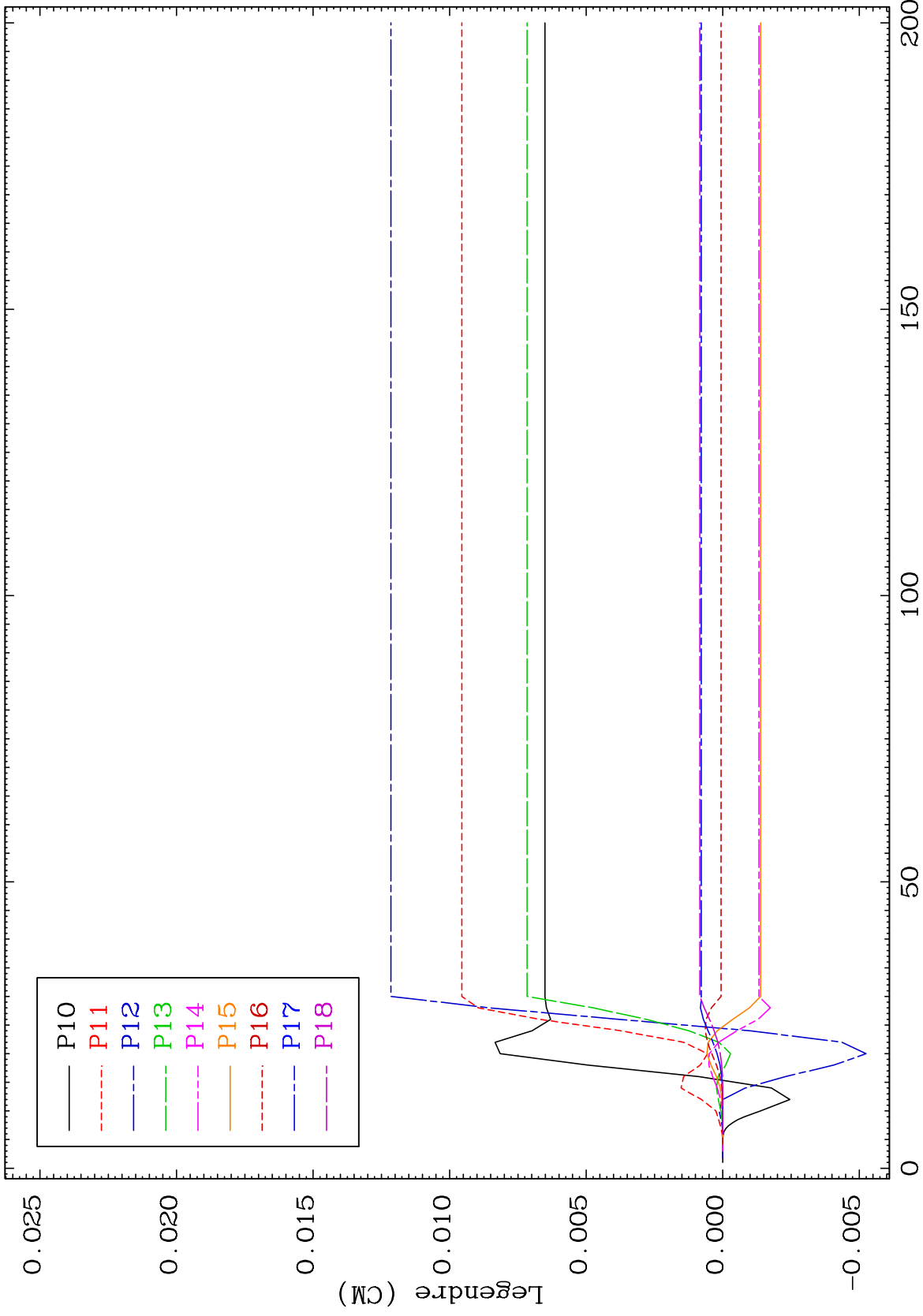
Incident Energy (MeV)

39-Y -81

MAT 3901

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

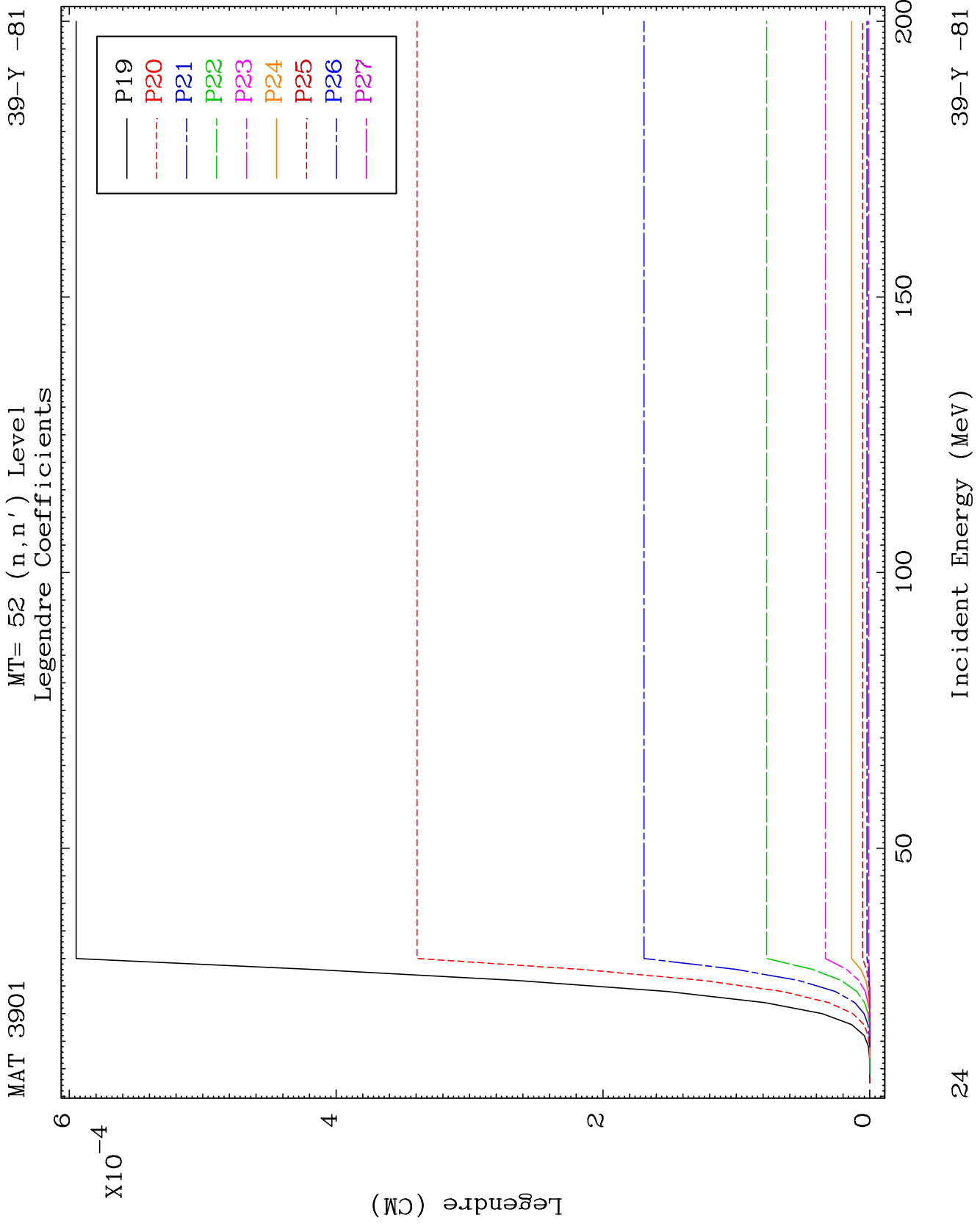
39-Y -81



23

Incident Energy (MeV)

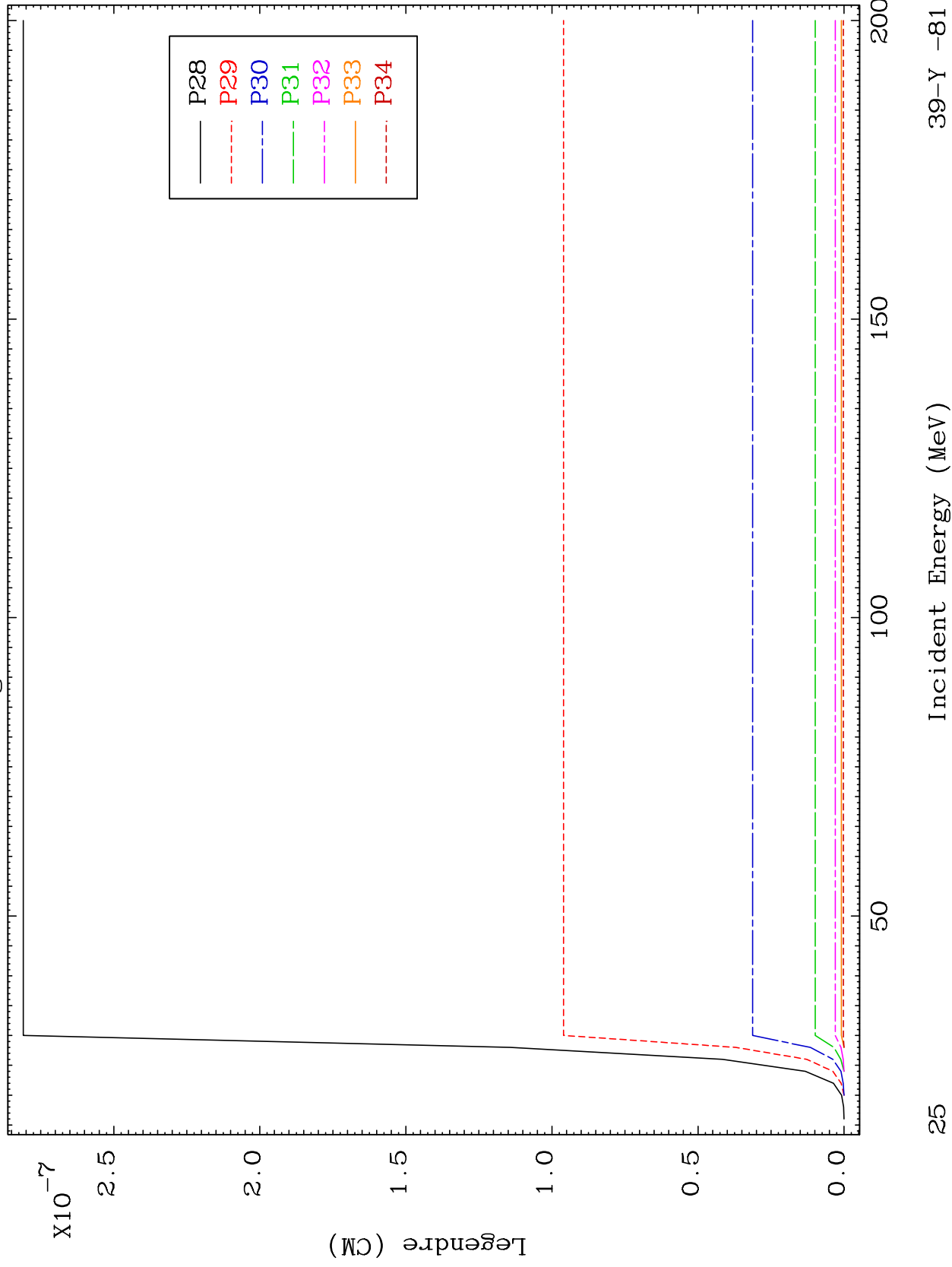
39-Y -81



MAT 3901

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

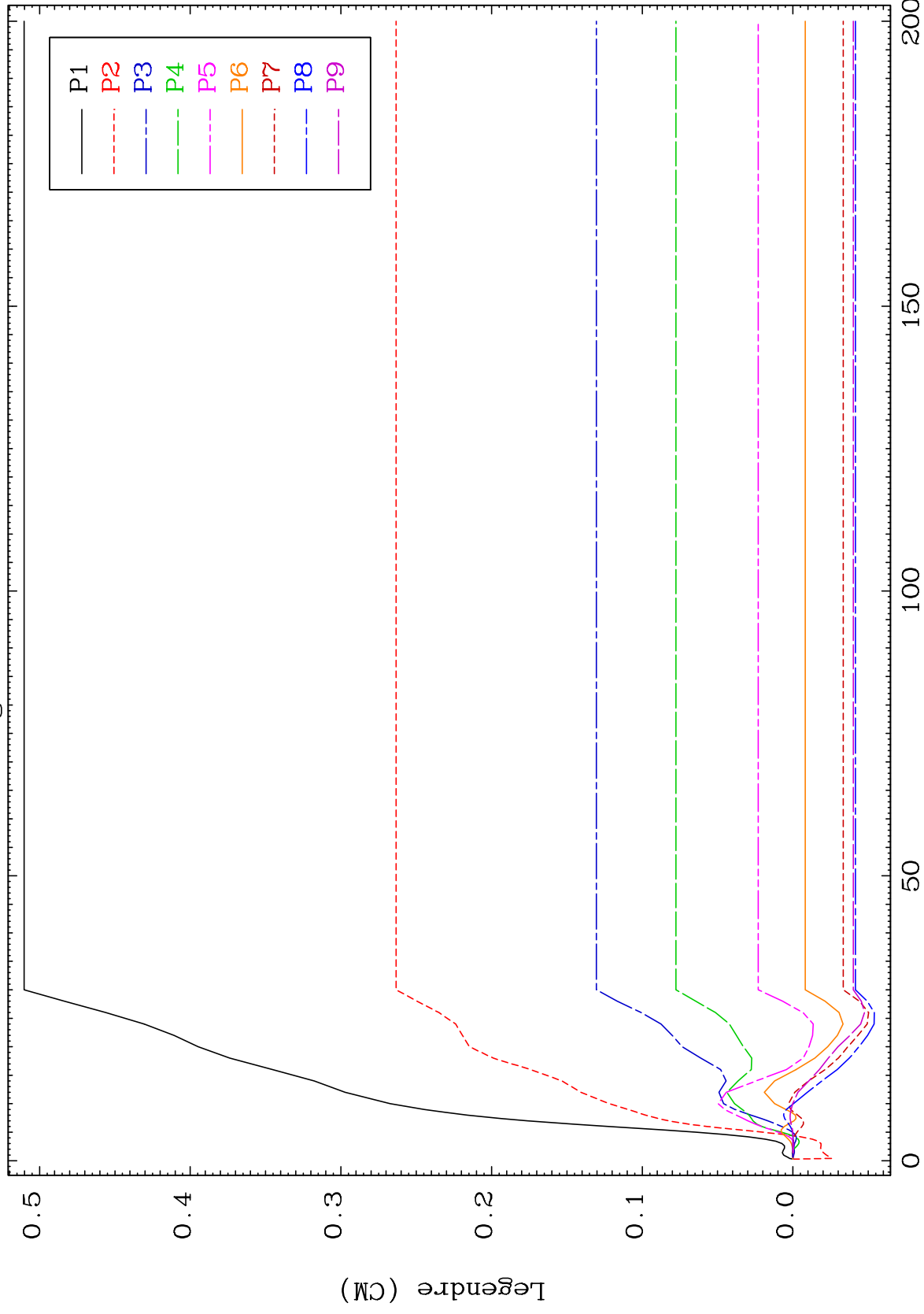
39-Y -81



MAT 3901

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

39-Y -81



26

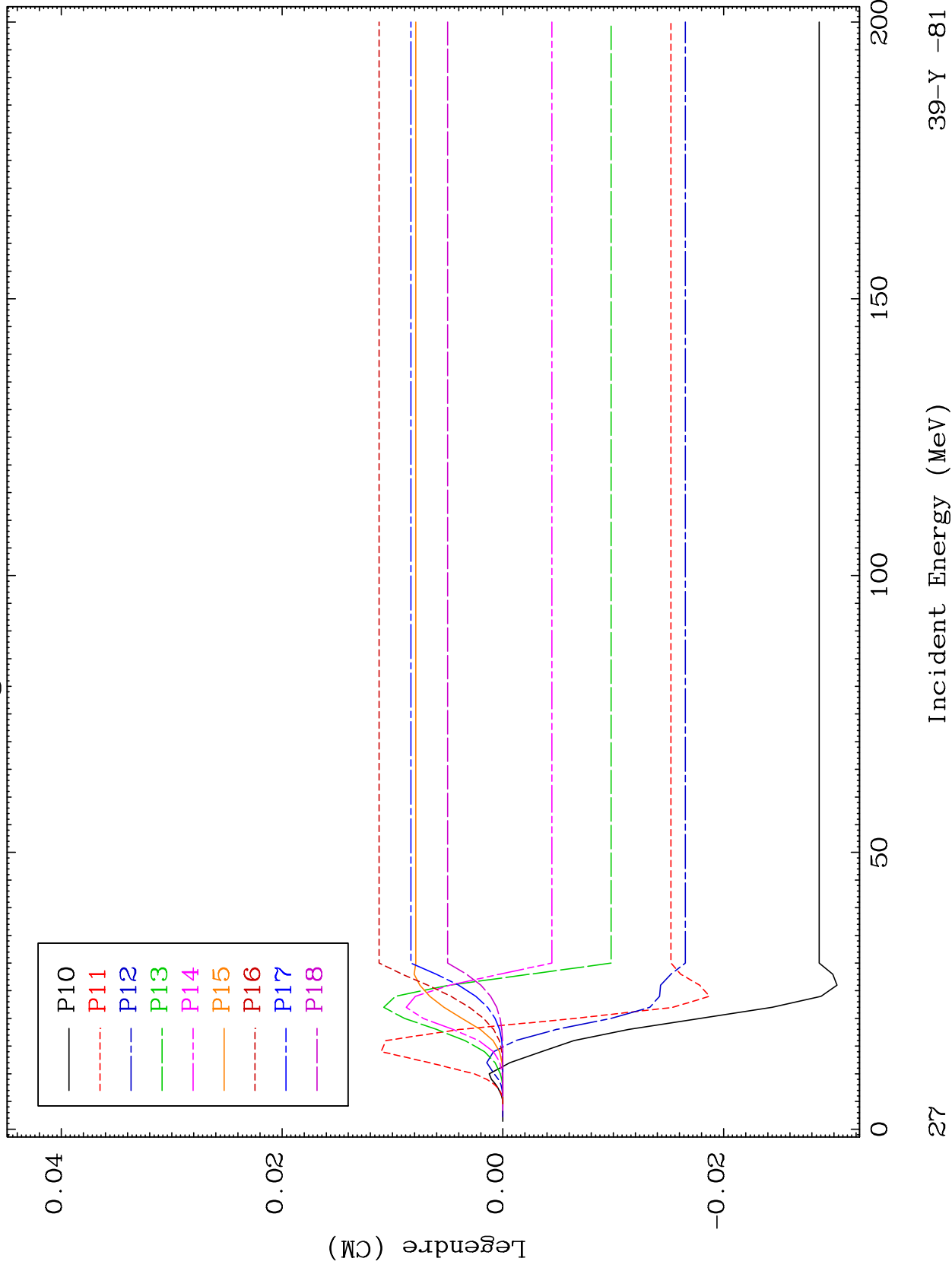
Incident Energy (MeV)

39-Y -81

MAT 3901

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

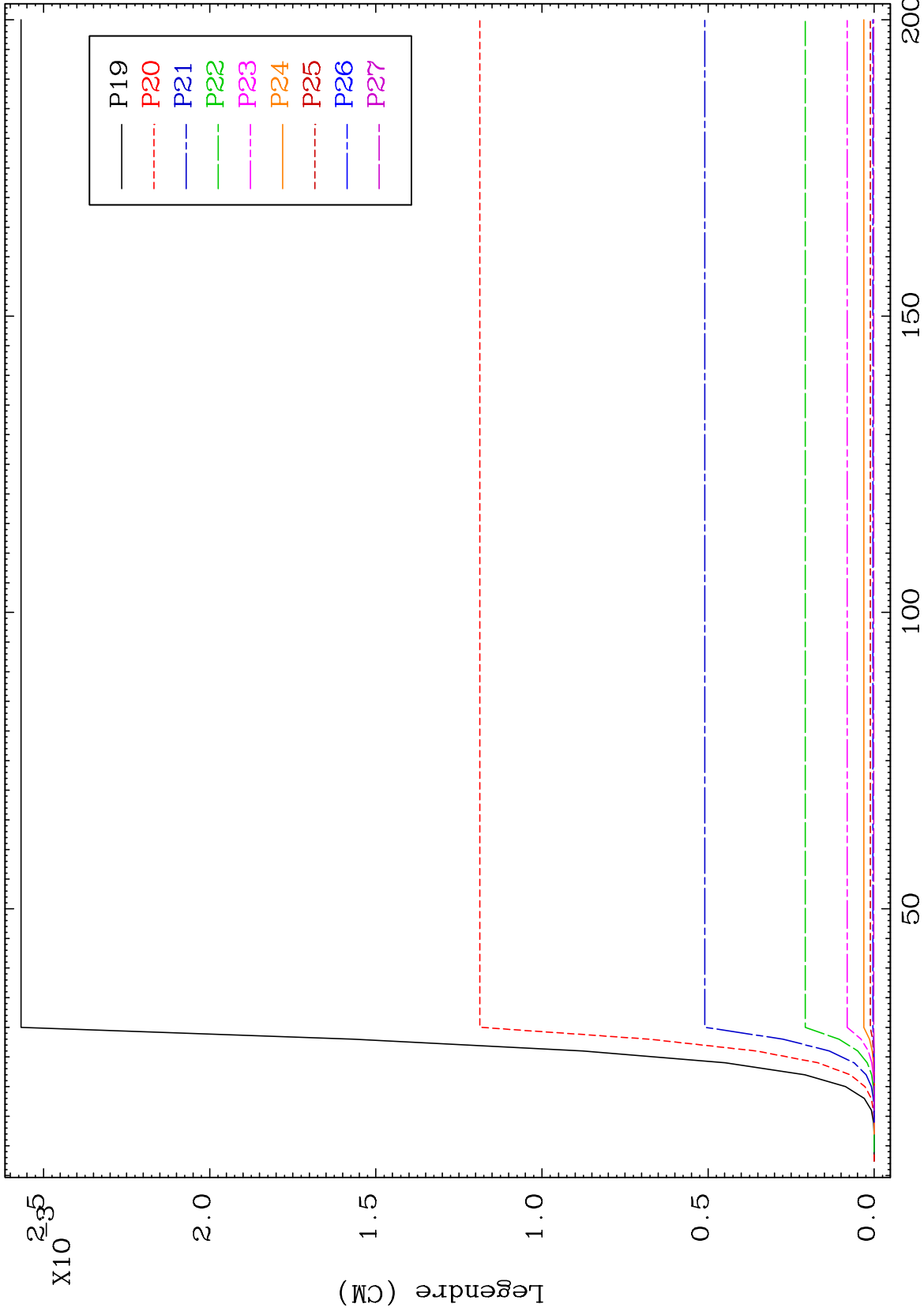
39-Y -81



27

Incident Energy (MeV)

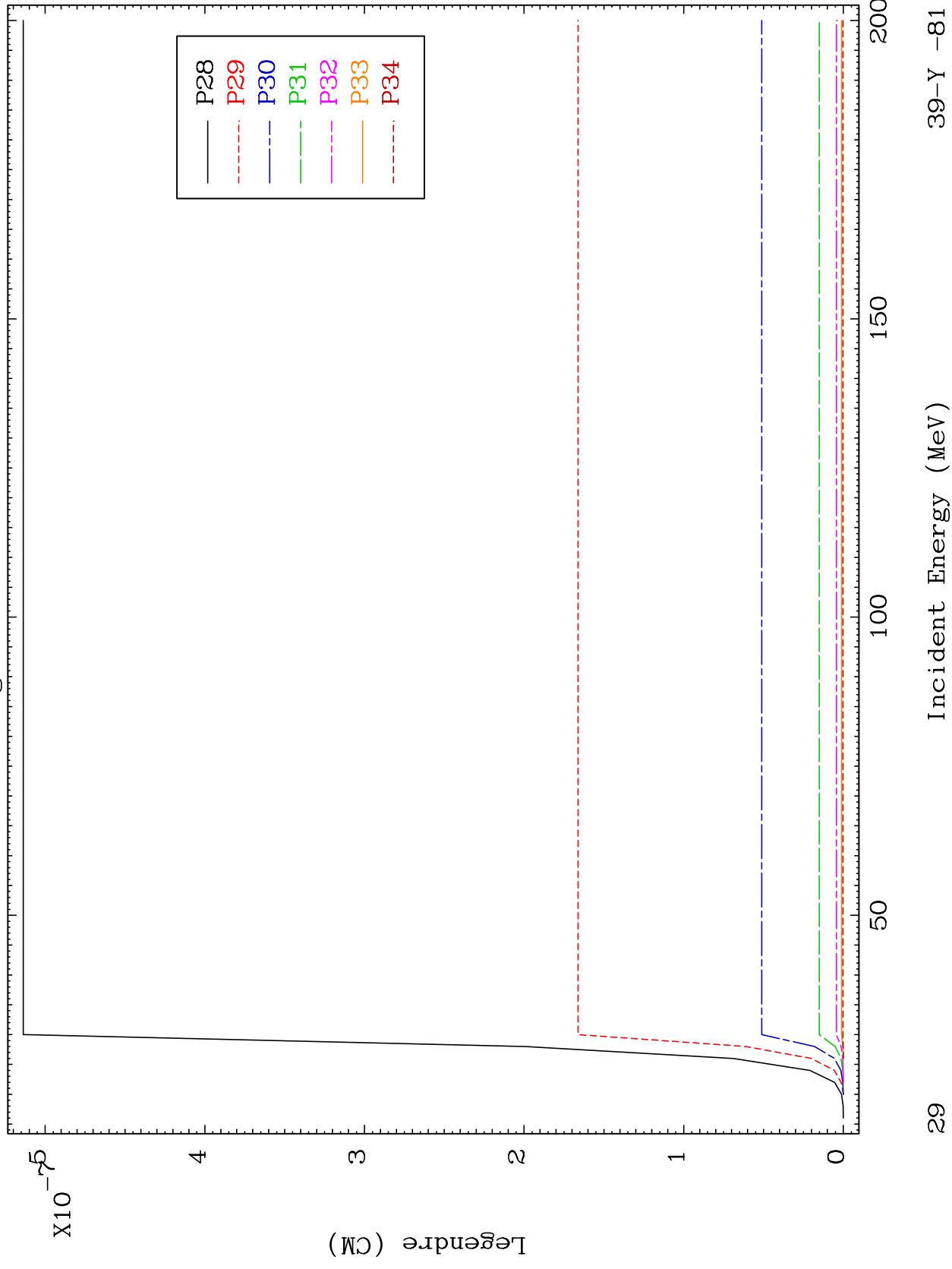
39-Y -81



MAT 3901

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

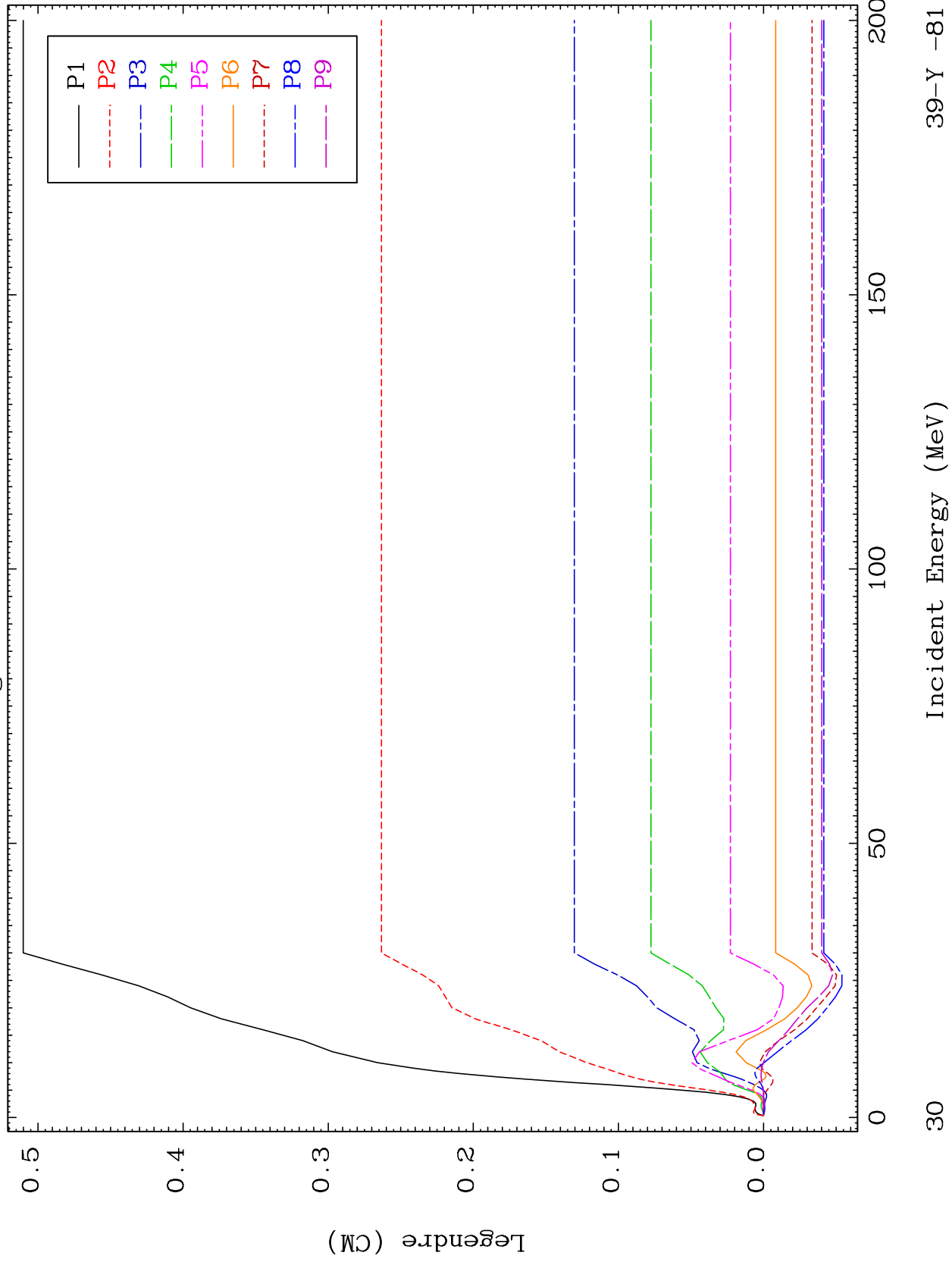
39-Y -81



MAT 3901

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

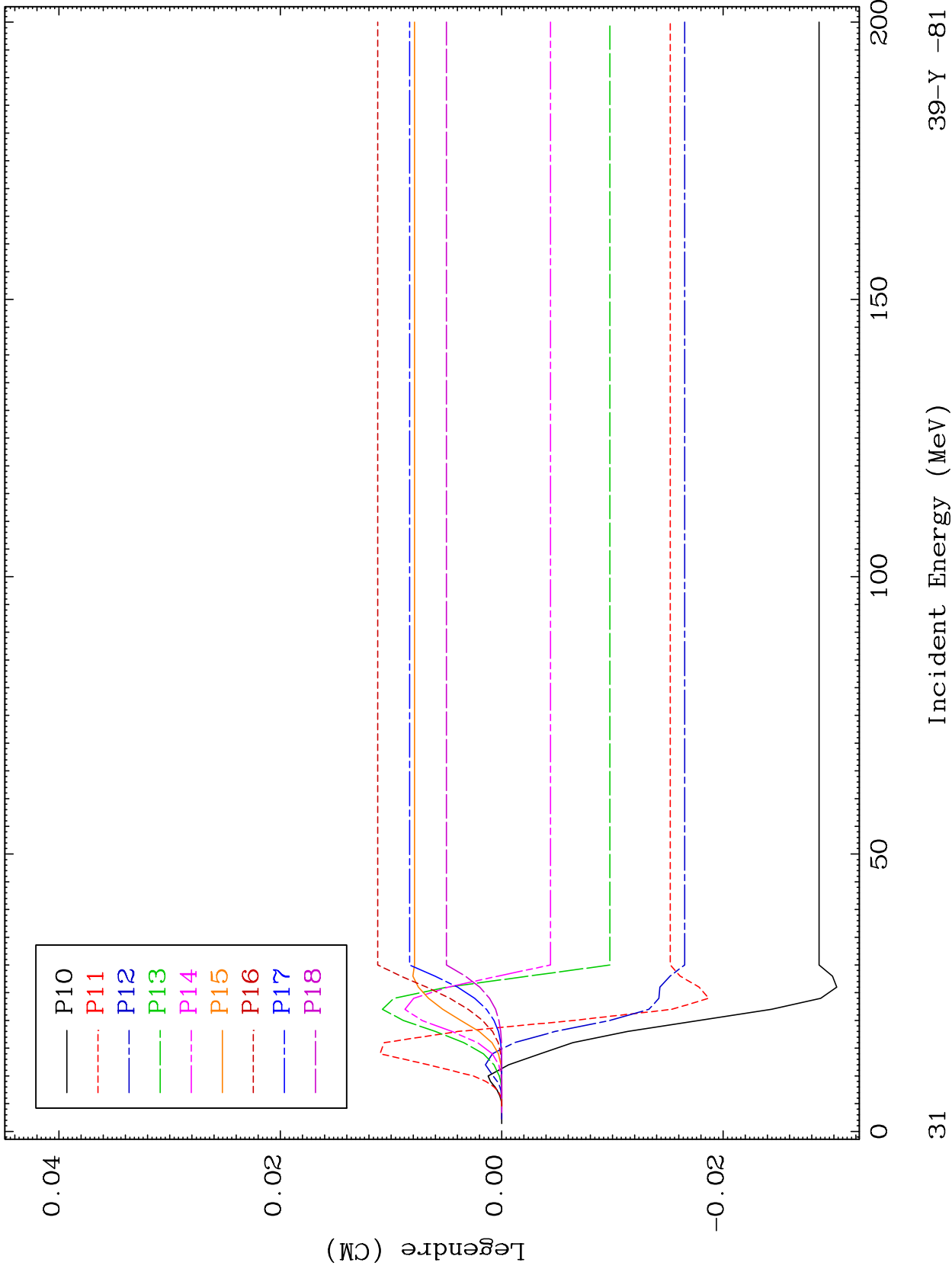
39-Y -81



MAT 3901

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

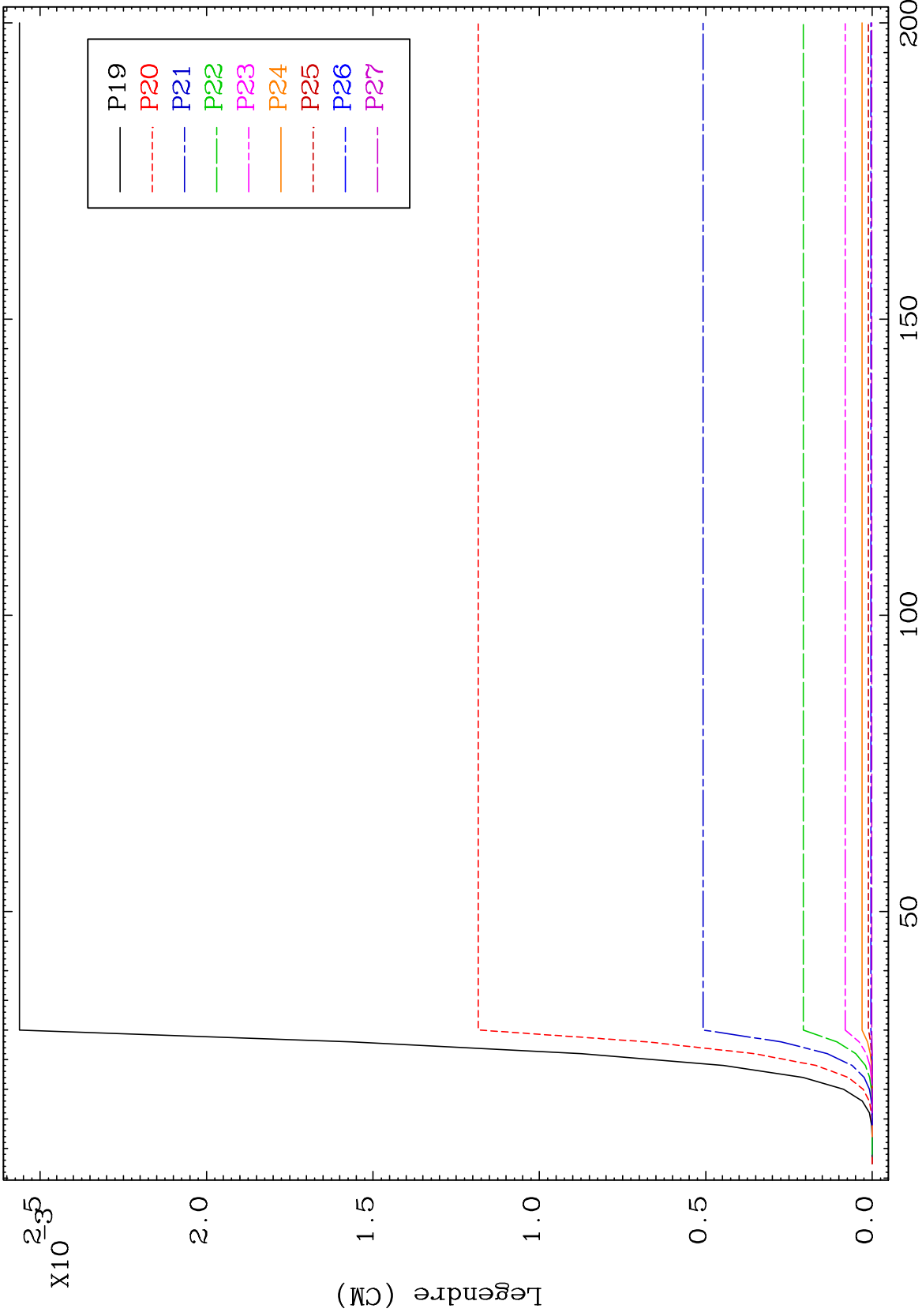
39-Y -81



31

Incident Energy (MeV)

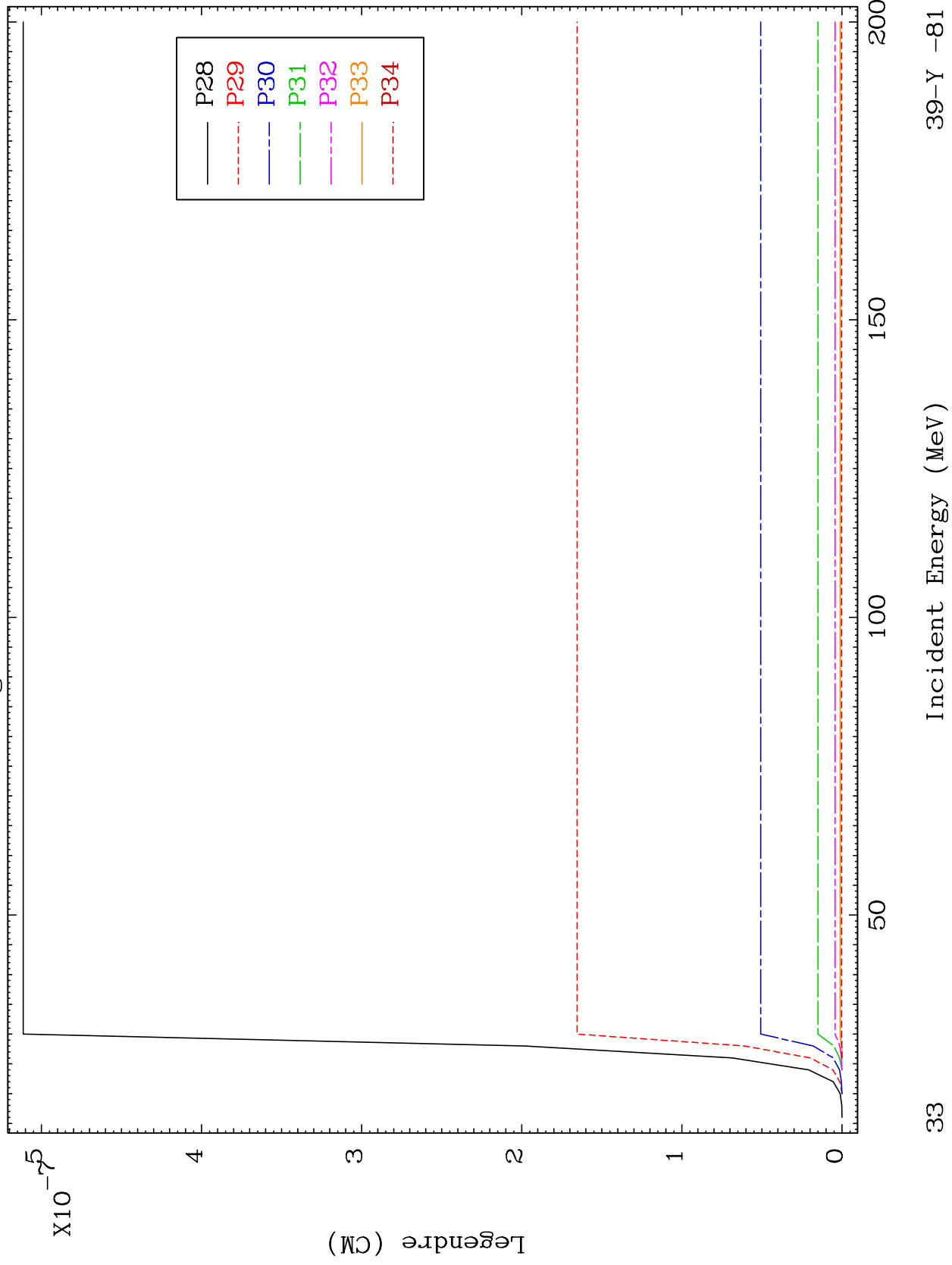
39-Y -81



MAT 3901

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

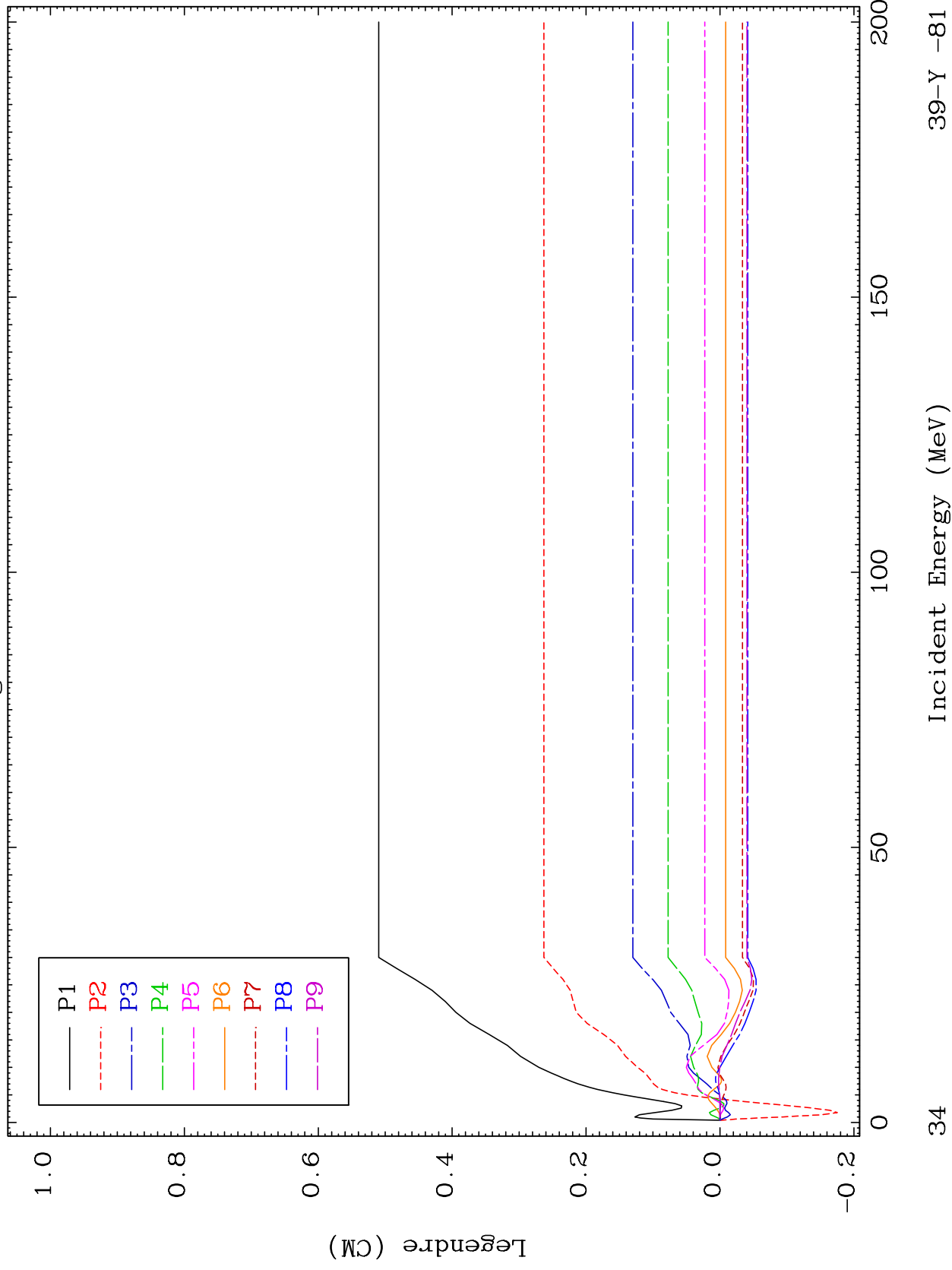
39-Y -81



MAT 3901

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

39-Y -81



34

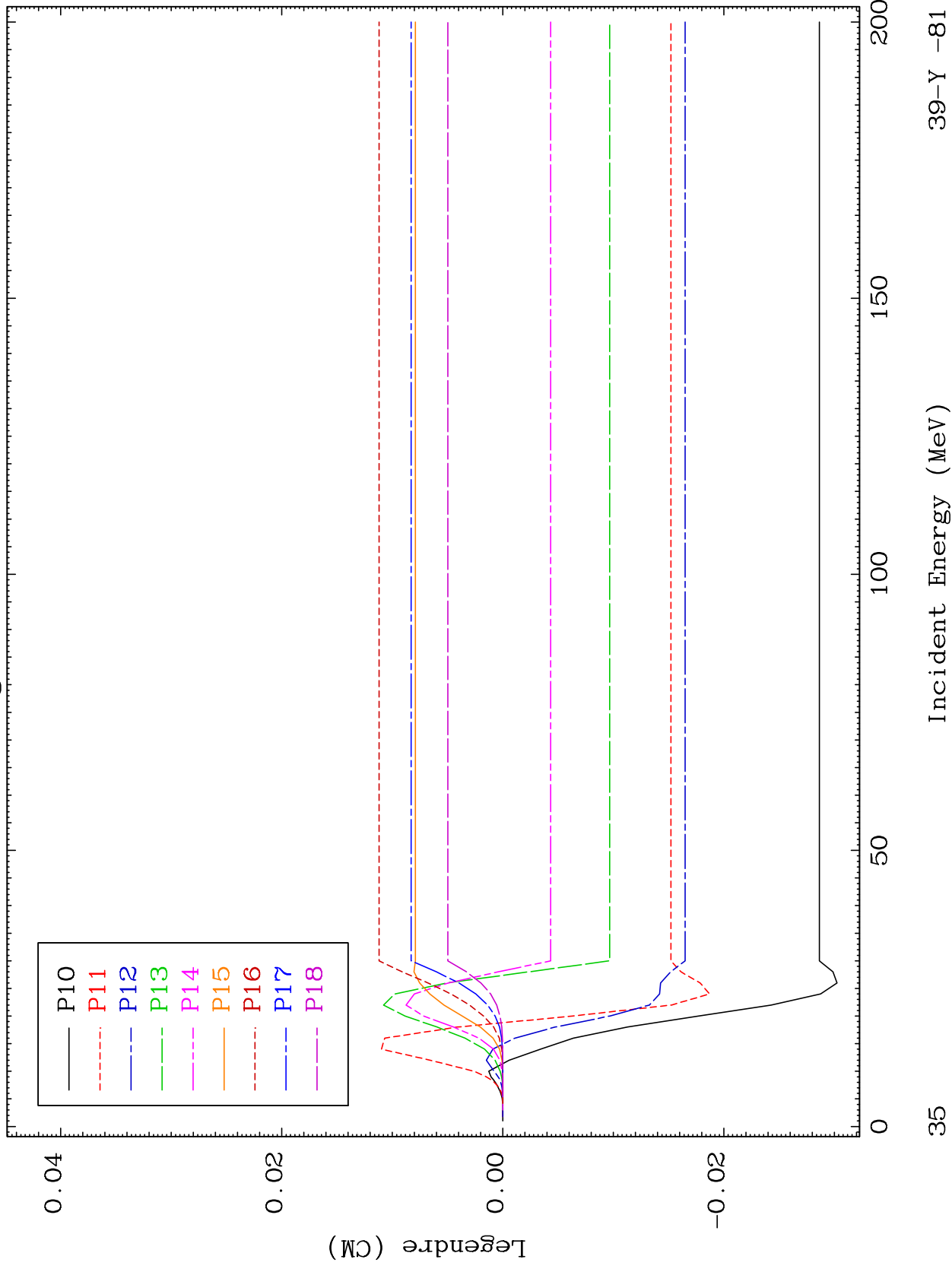
Incident Energy (MeV)

39-Y -81

MAT 3901

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

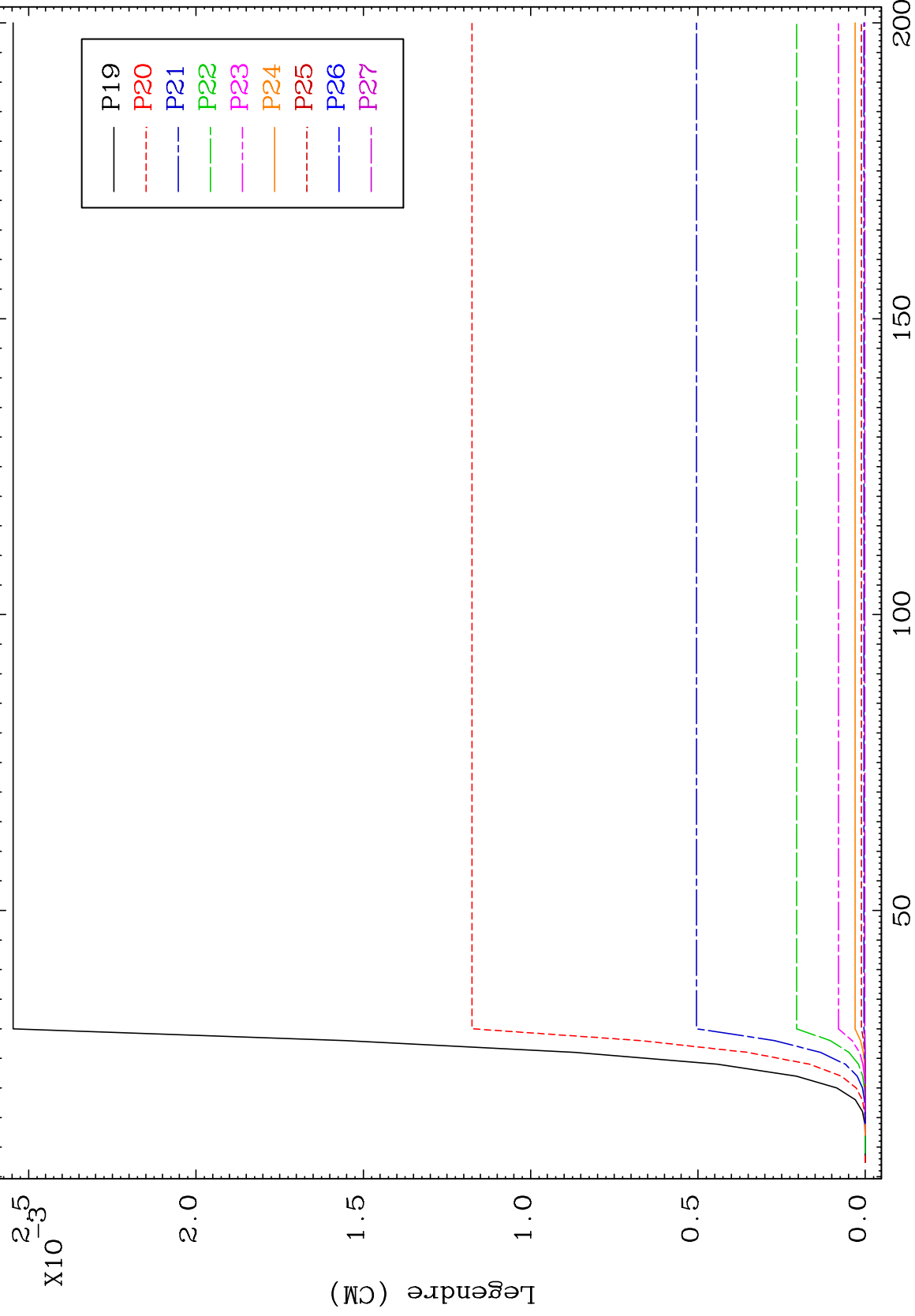
39-Y -81



39-Y -81

Incident Energy (MeV)

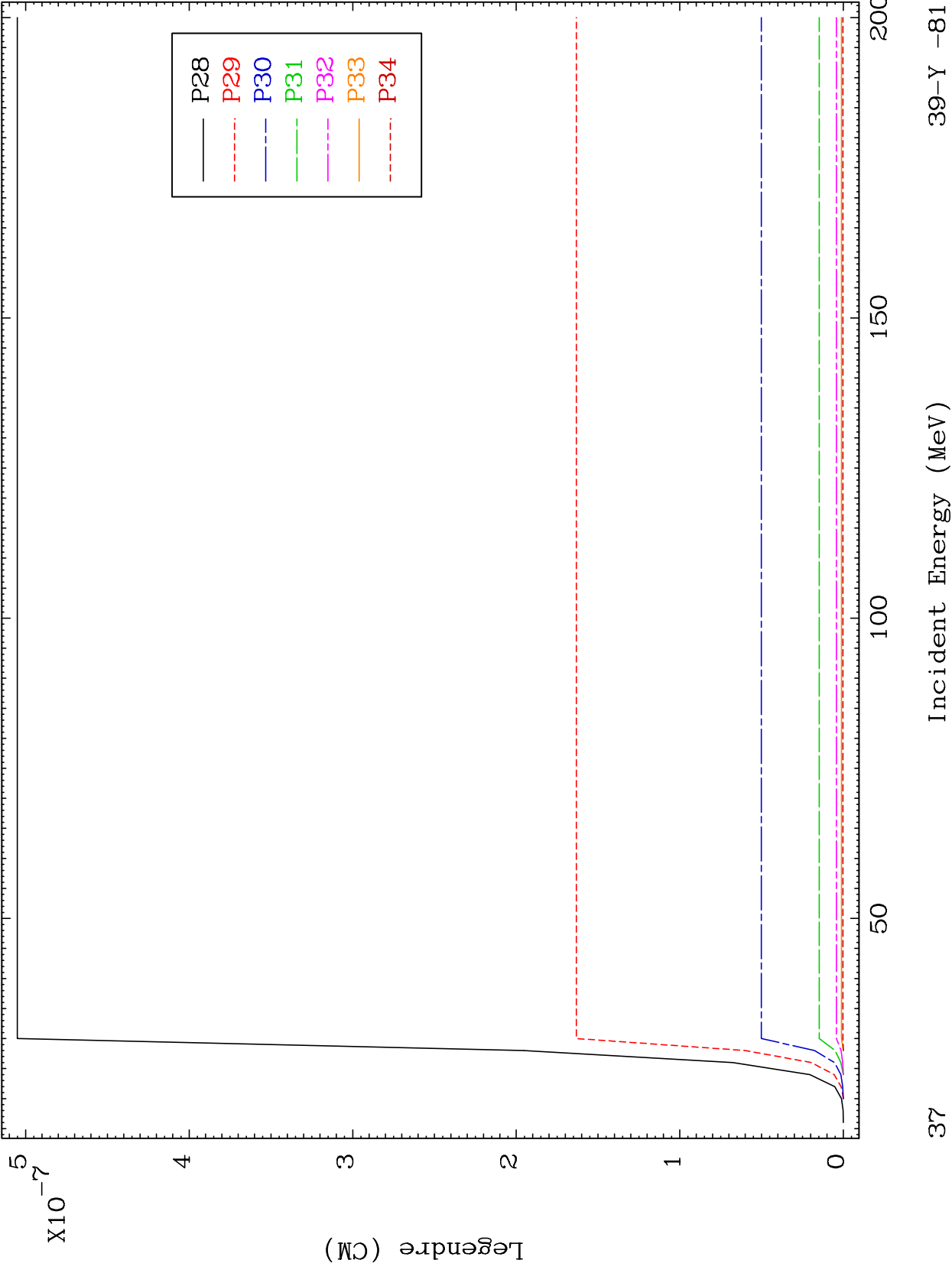
35



MAT 3901

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

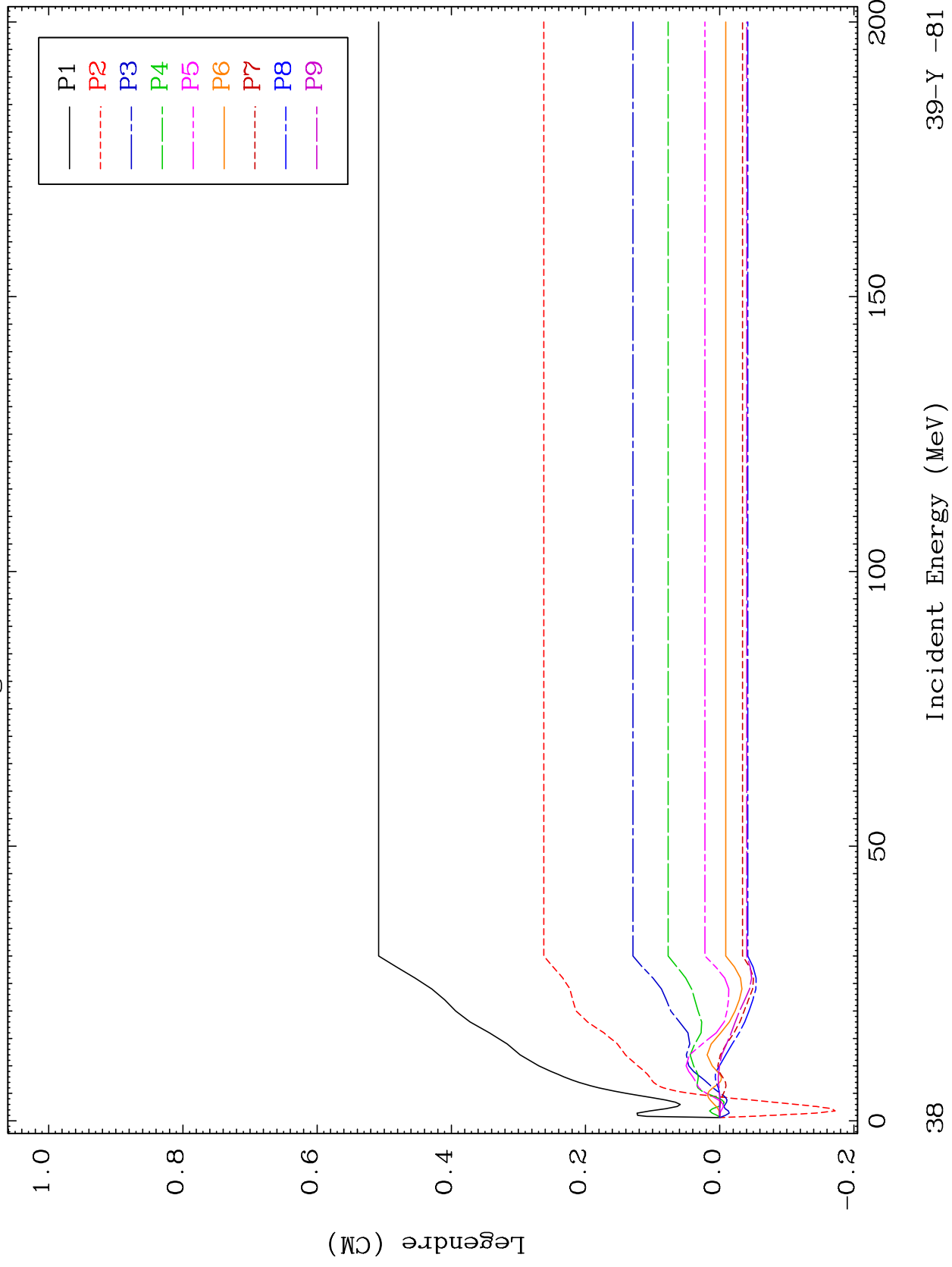
39-Y -81



MAT 3901

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

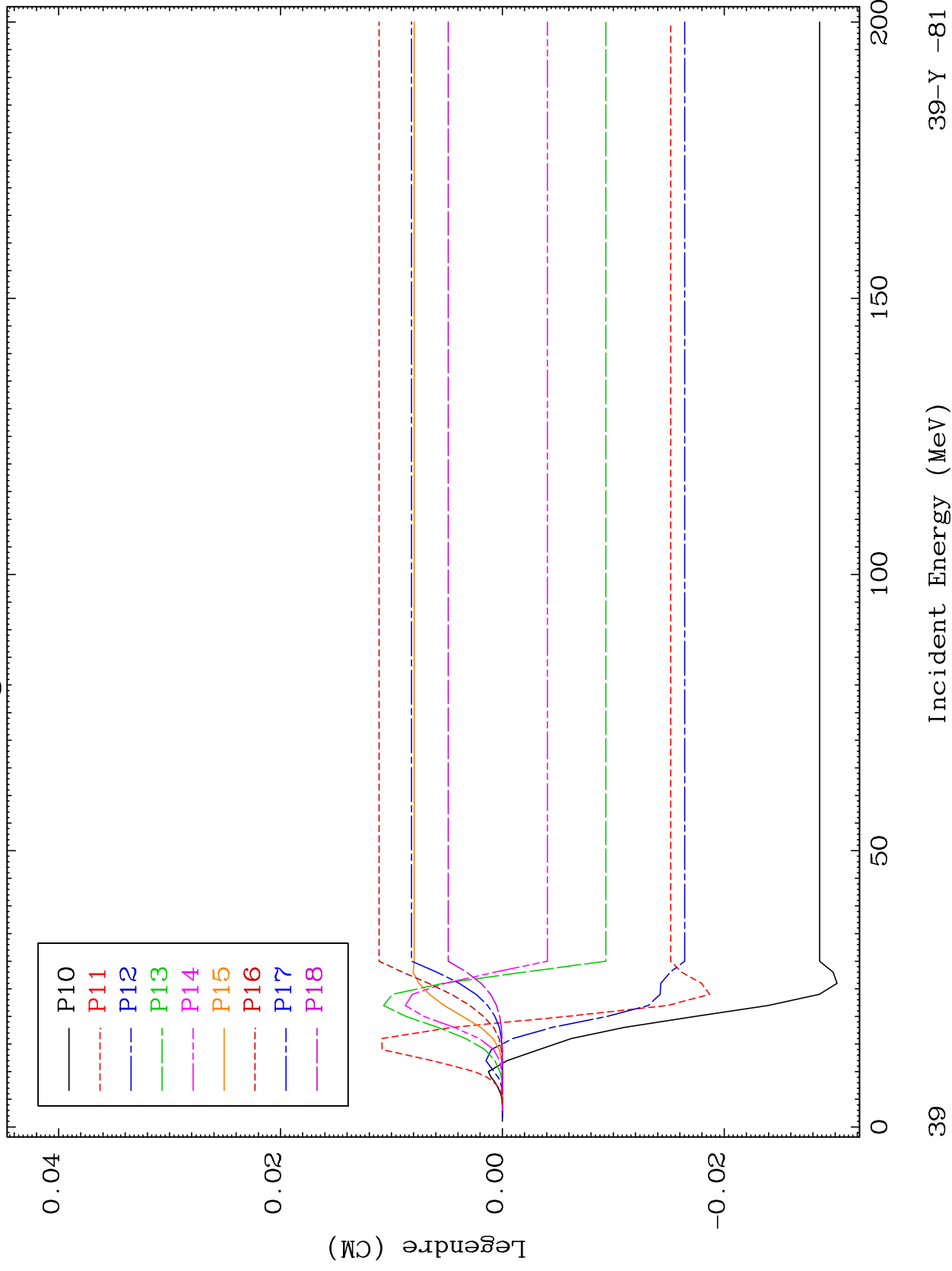
39-Y -81



MAT 3901

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

39-Y -81



39

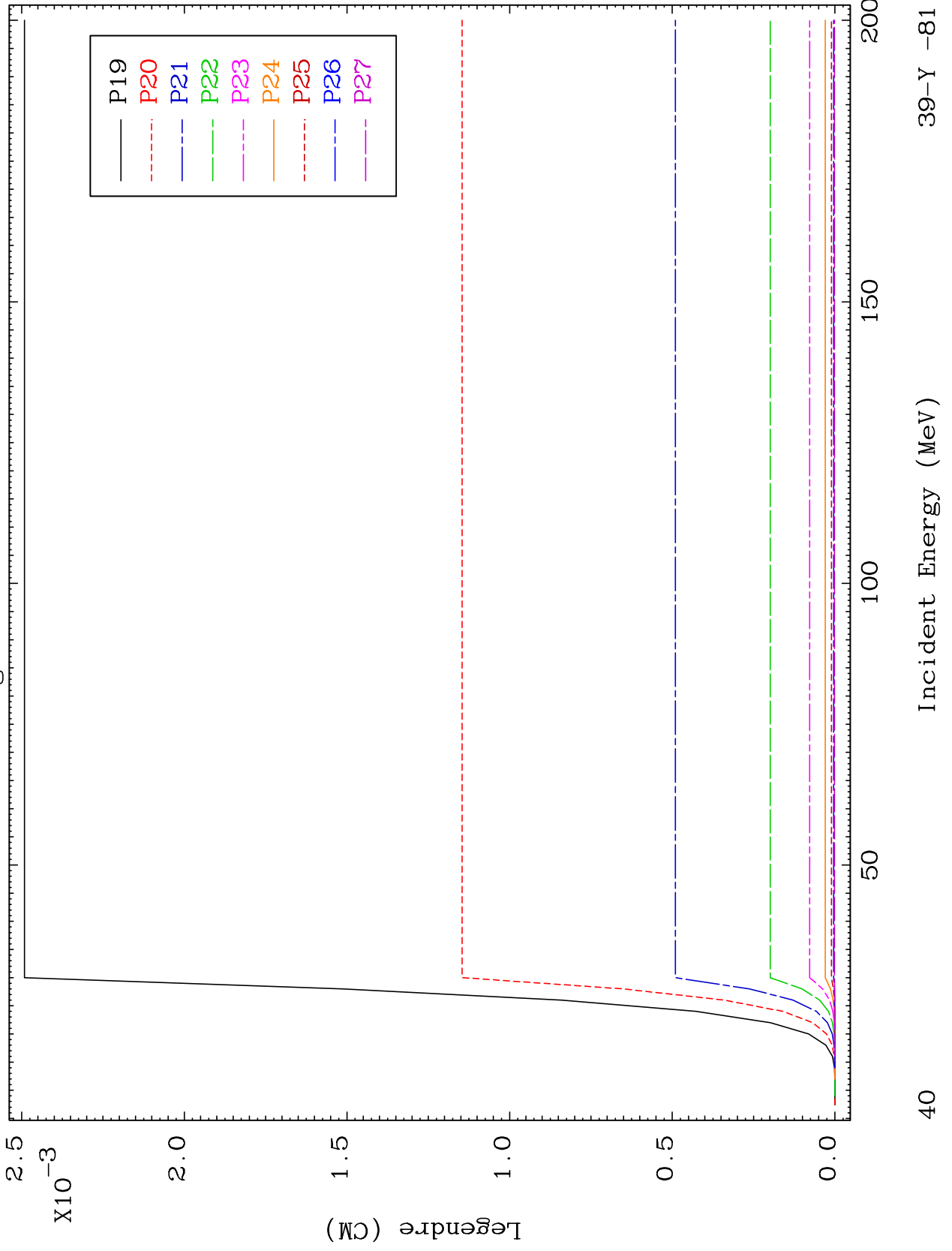
Incident Energy (MeV)

39-Y -81

MAT 3901

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

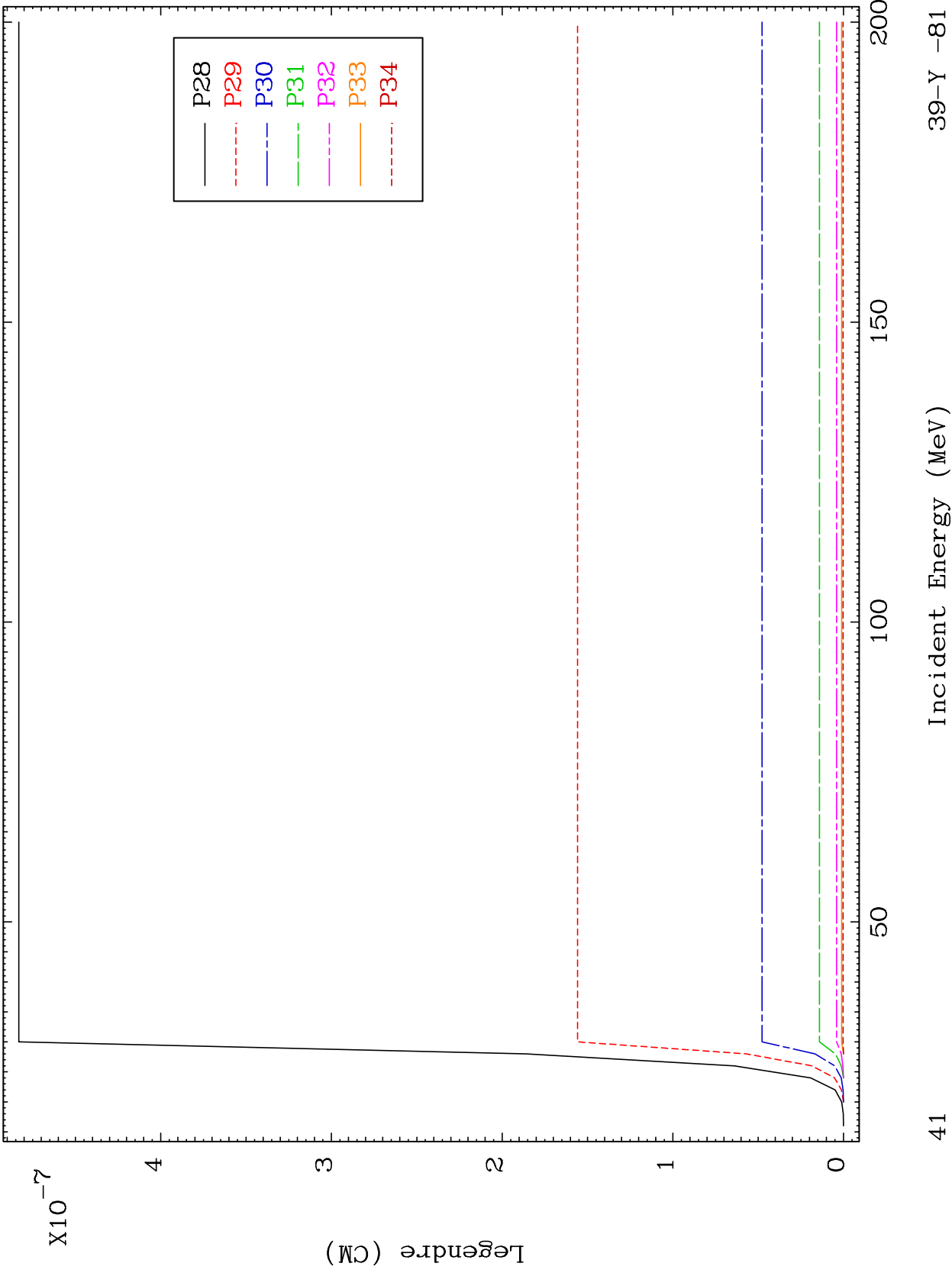
39-Y -81



MAT 3901

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

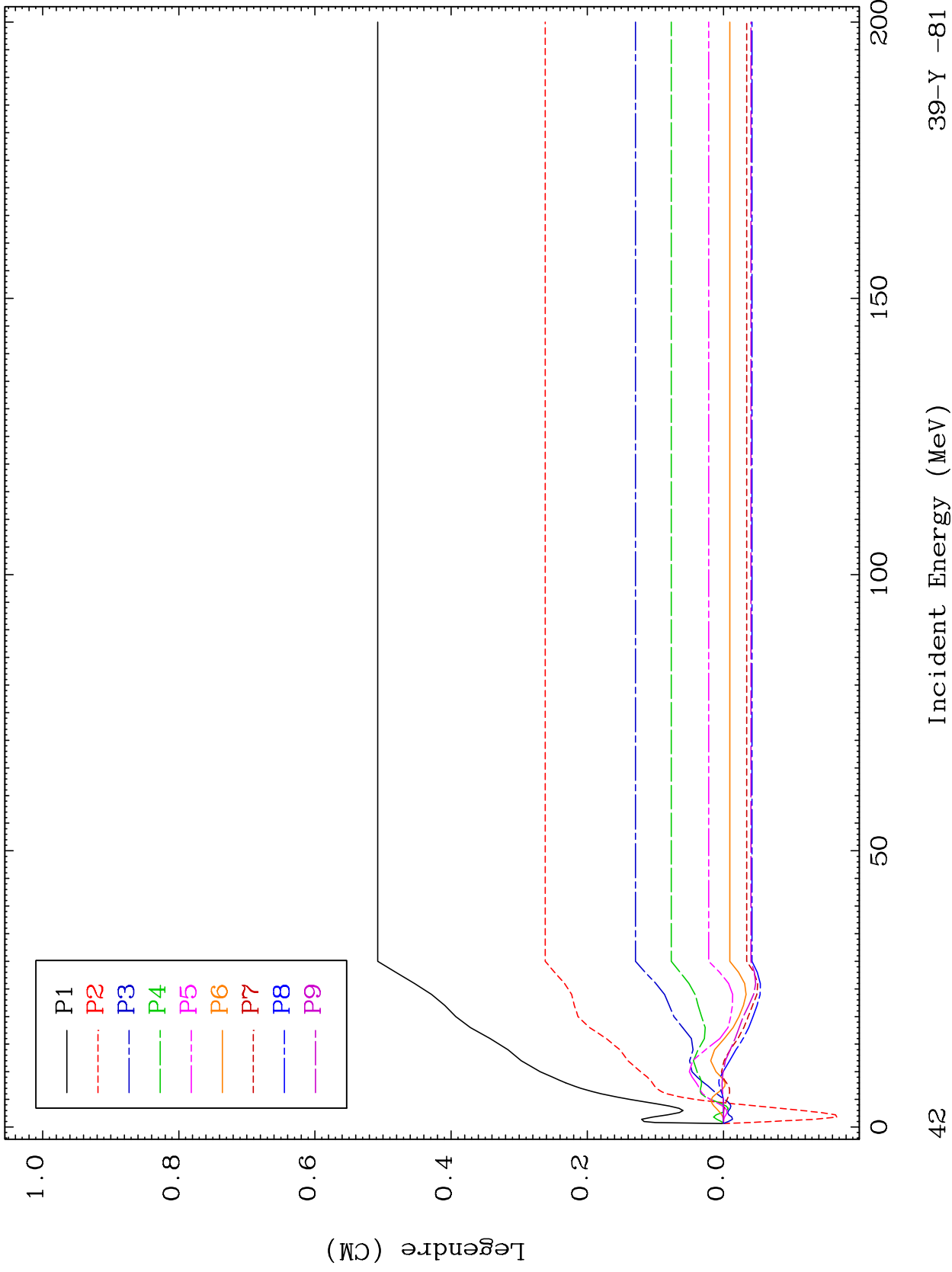
39-Y -81



MAT 3901

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

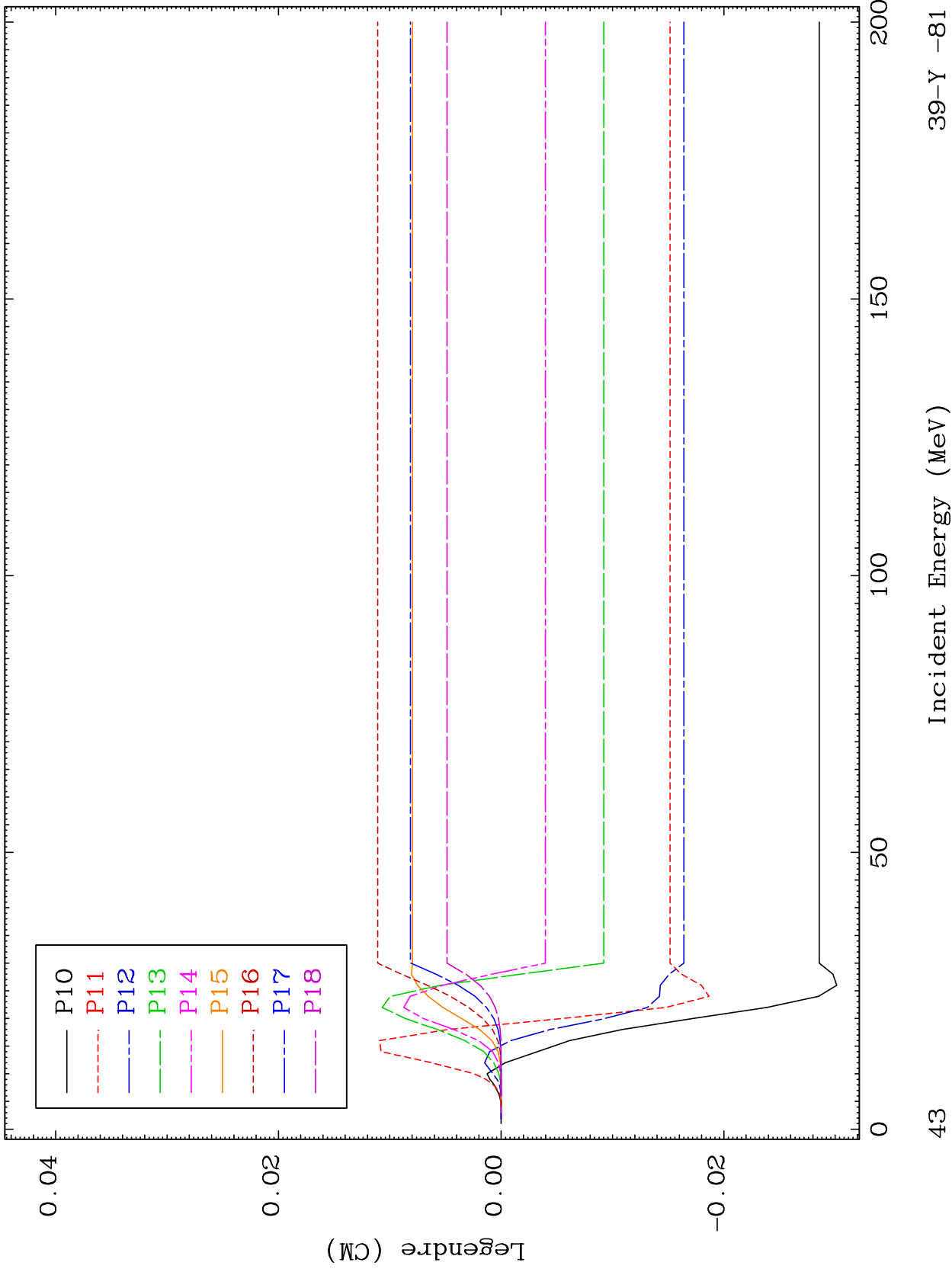
39-Y -81



MAT 3901

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

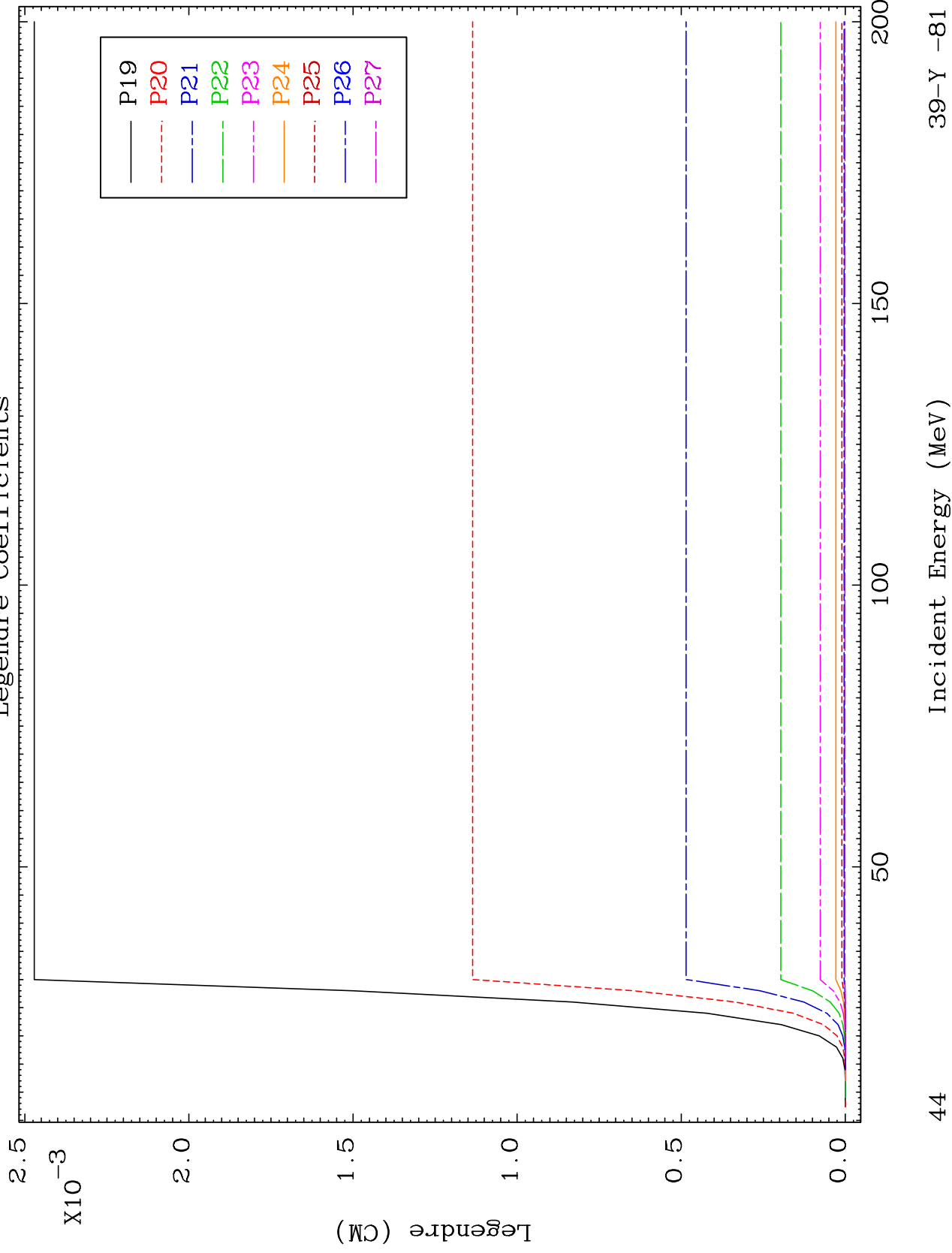
39-Y -81



43

Incident Energy (MeV)

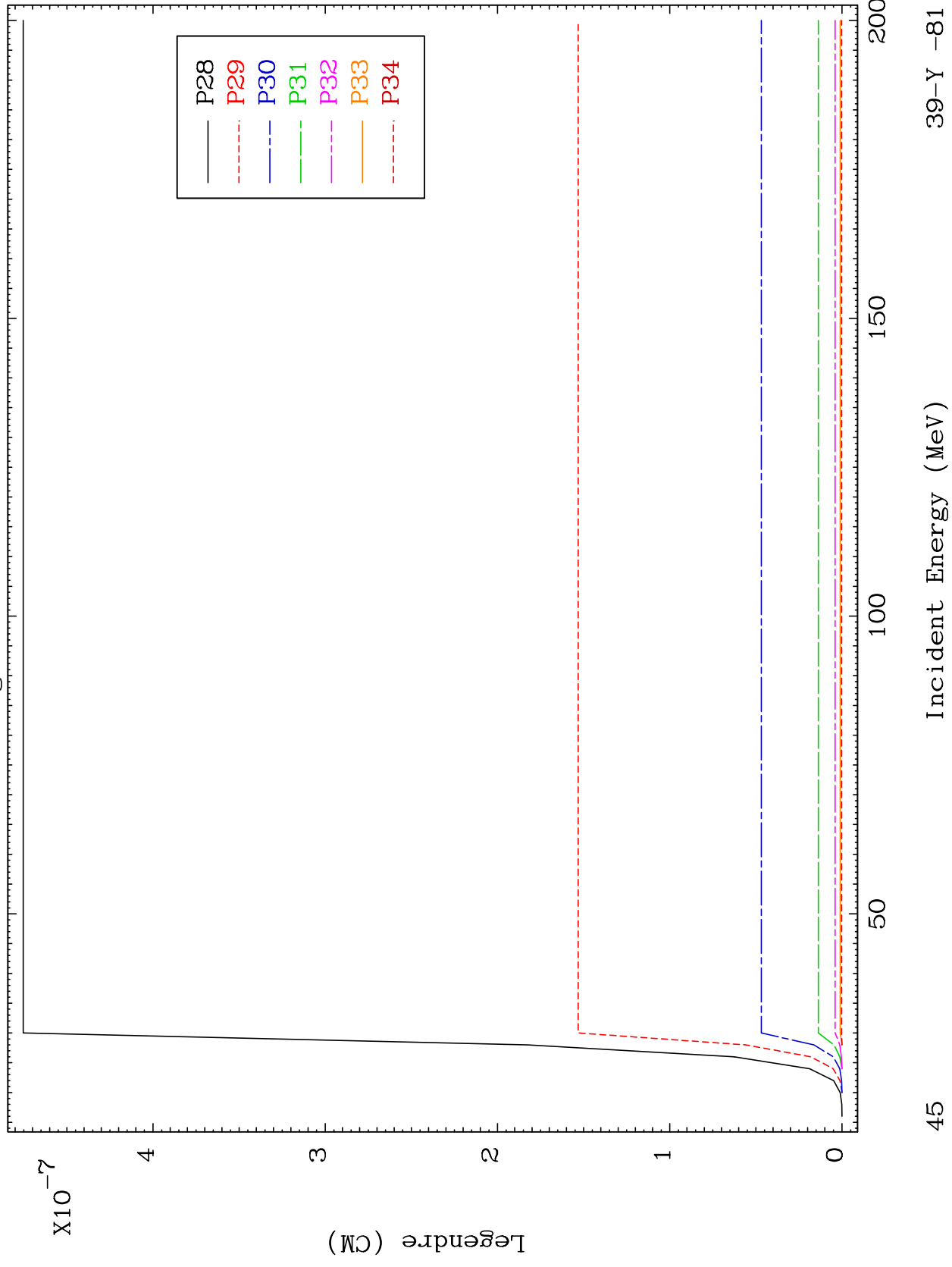
39-Y -81



MAT 3901

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

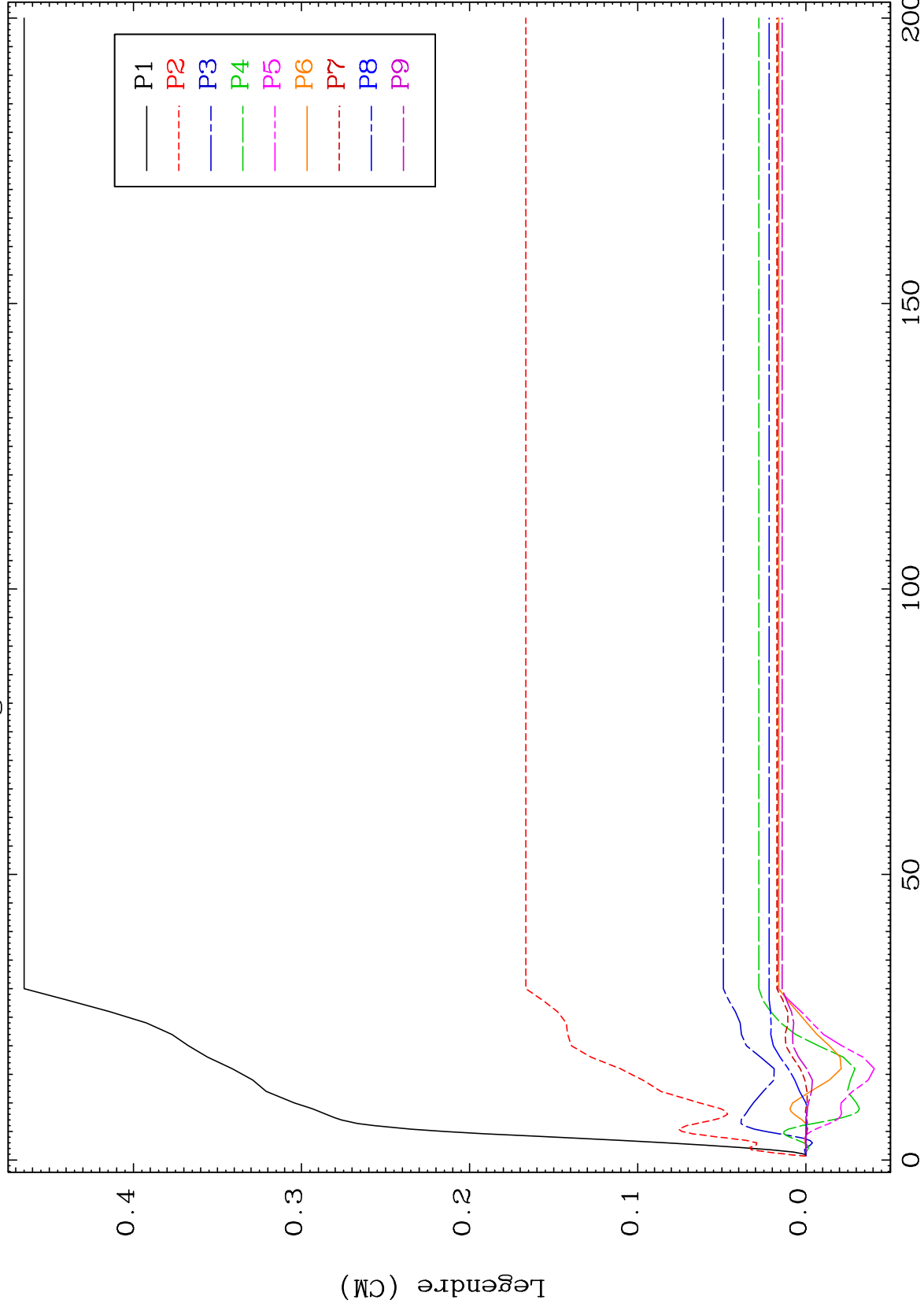
39-Y -81



MAT 3901

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

39-Y -81



46

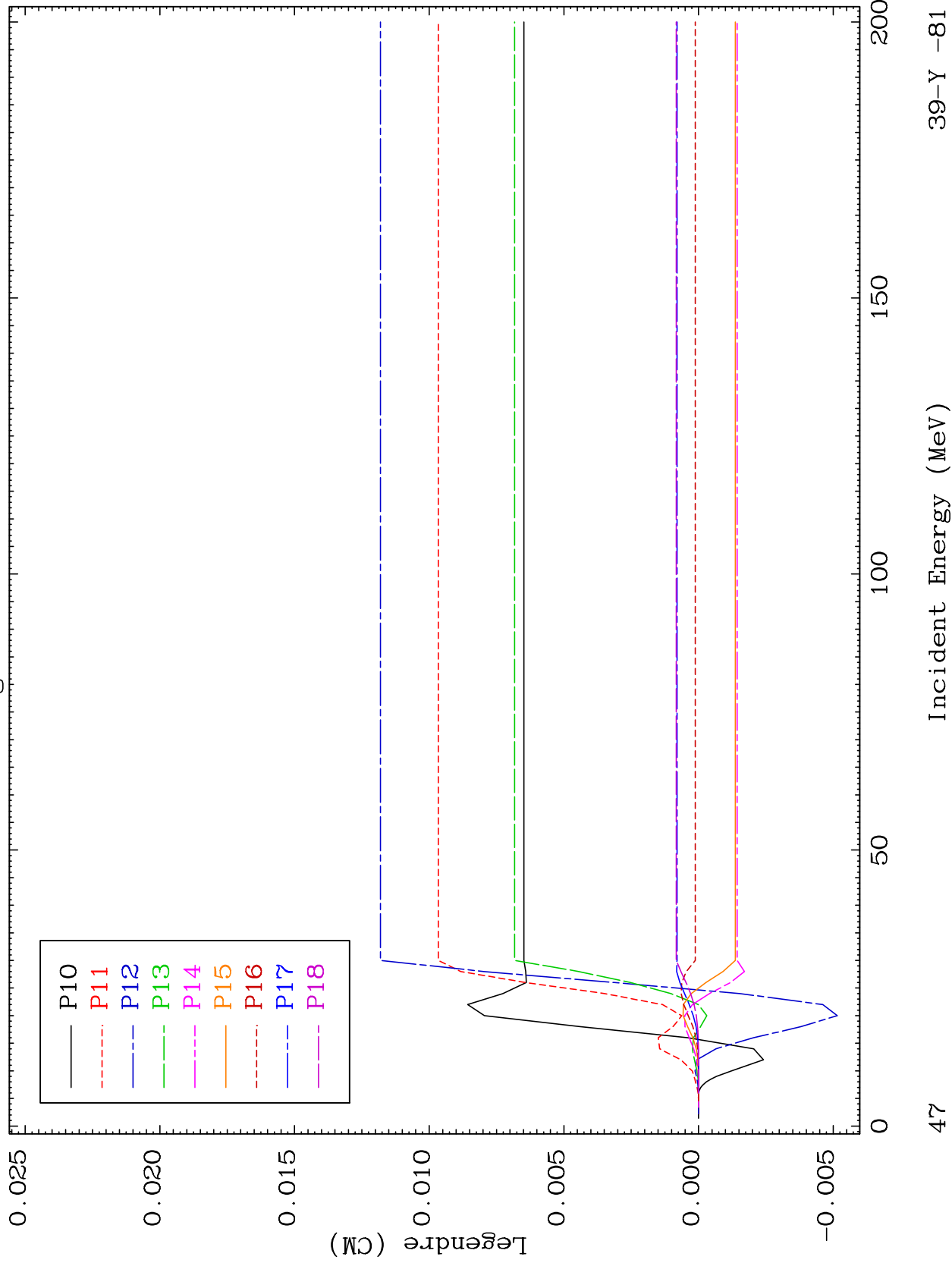
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



47

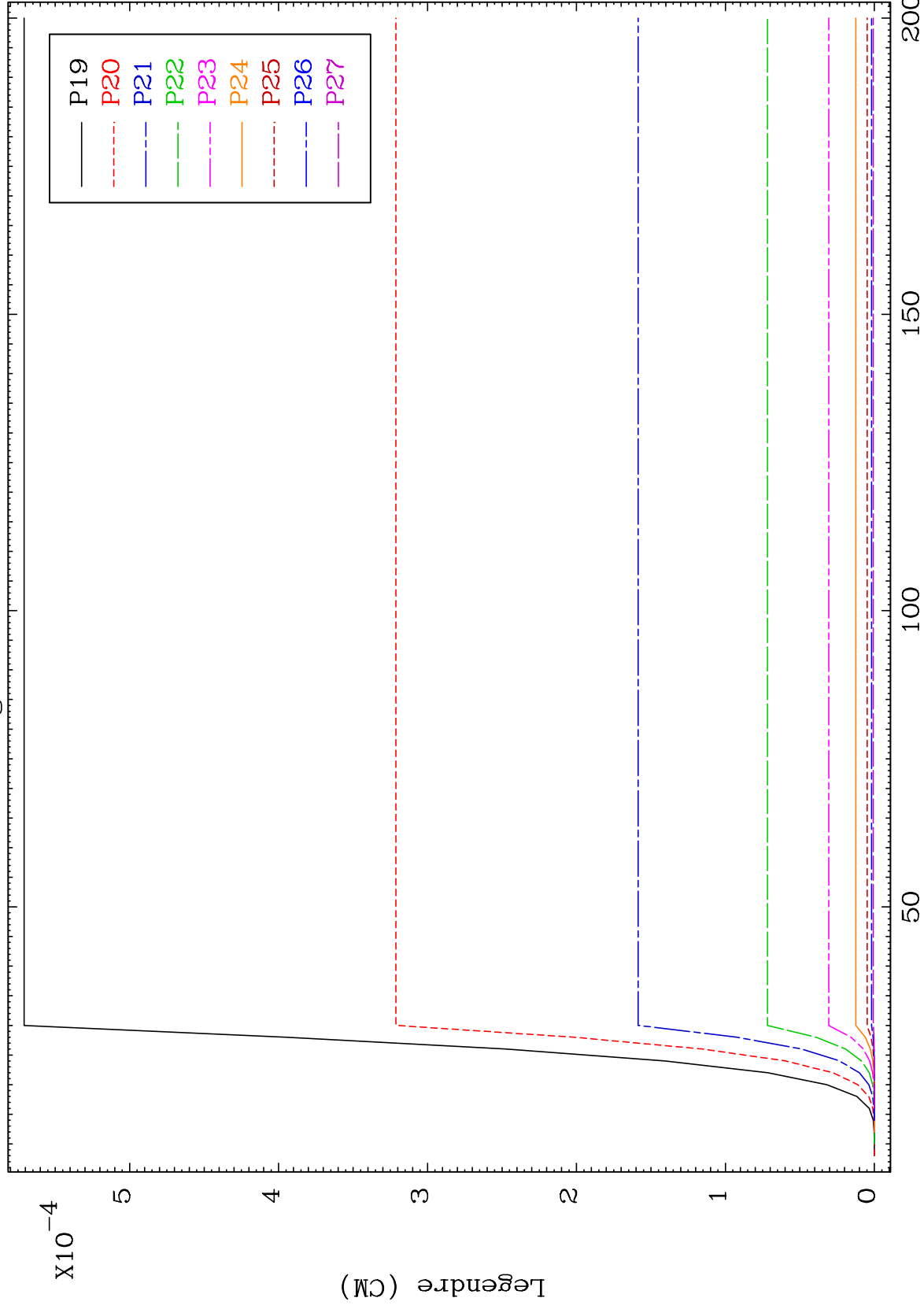
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



48

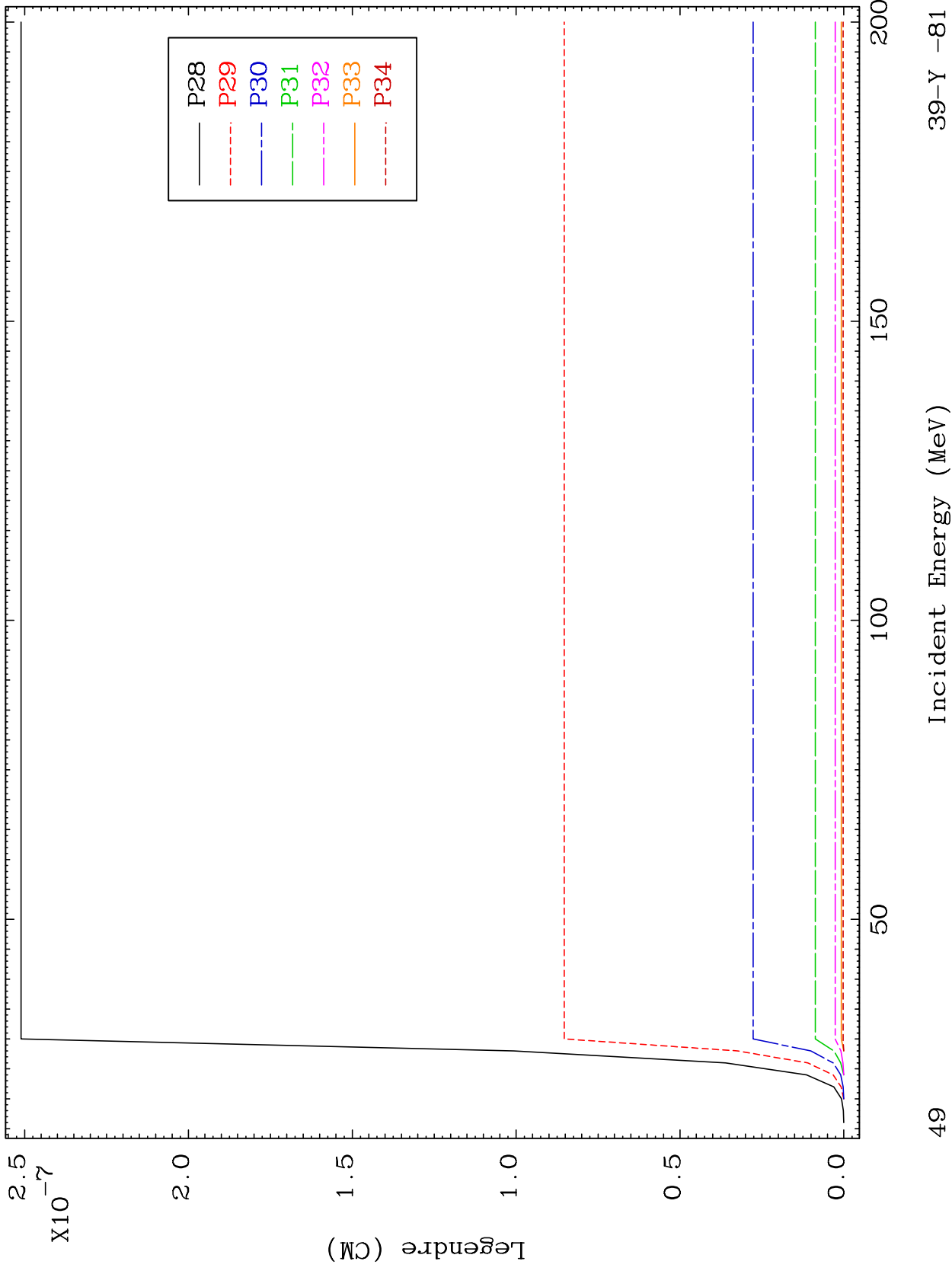
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



49

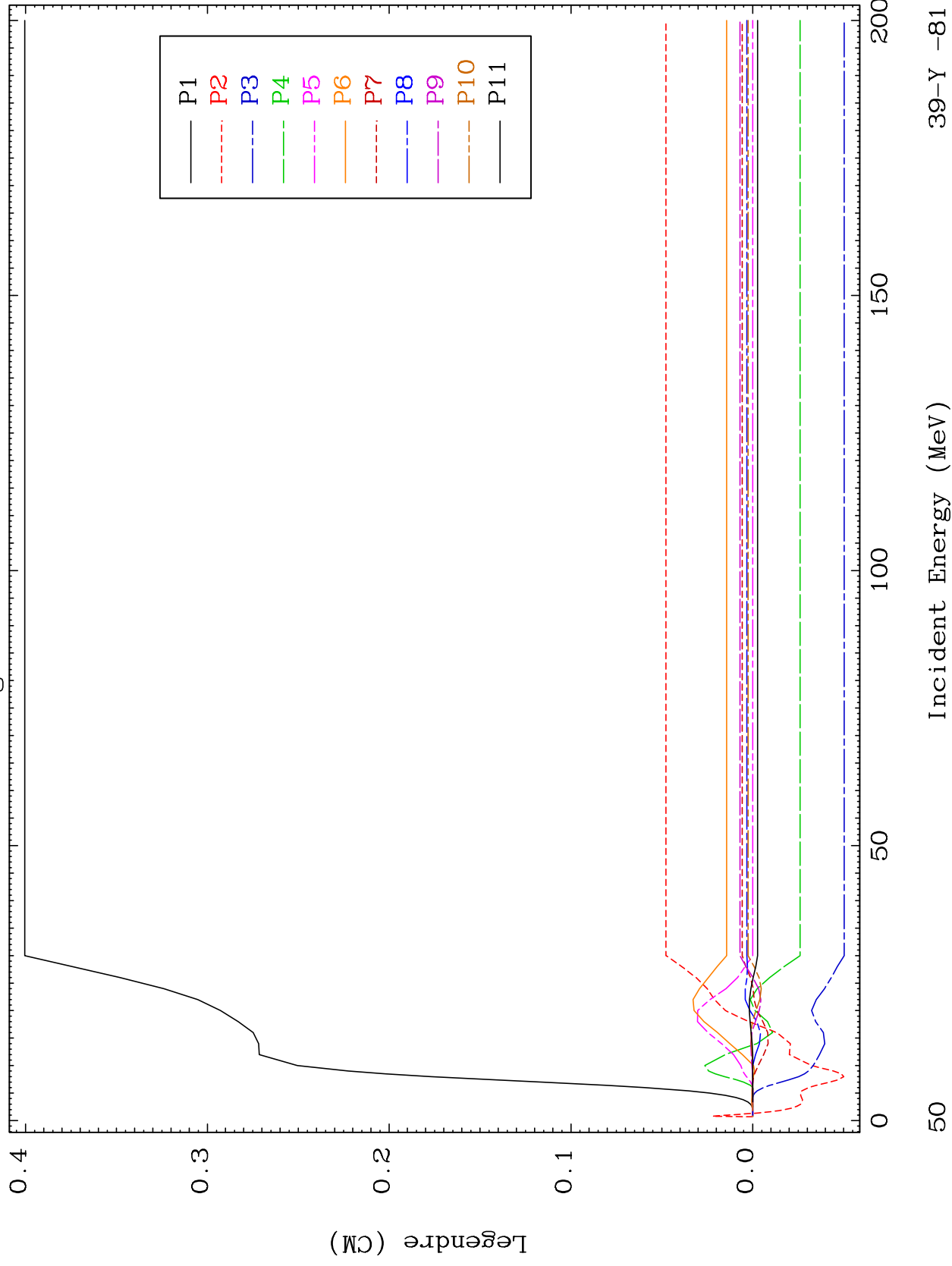
Incident Energy (MeV)

39-Y -81

MAT 3901

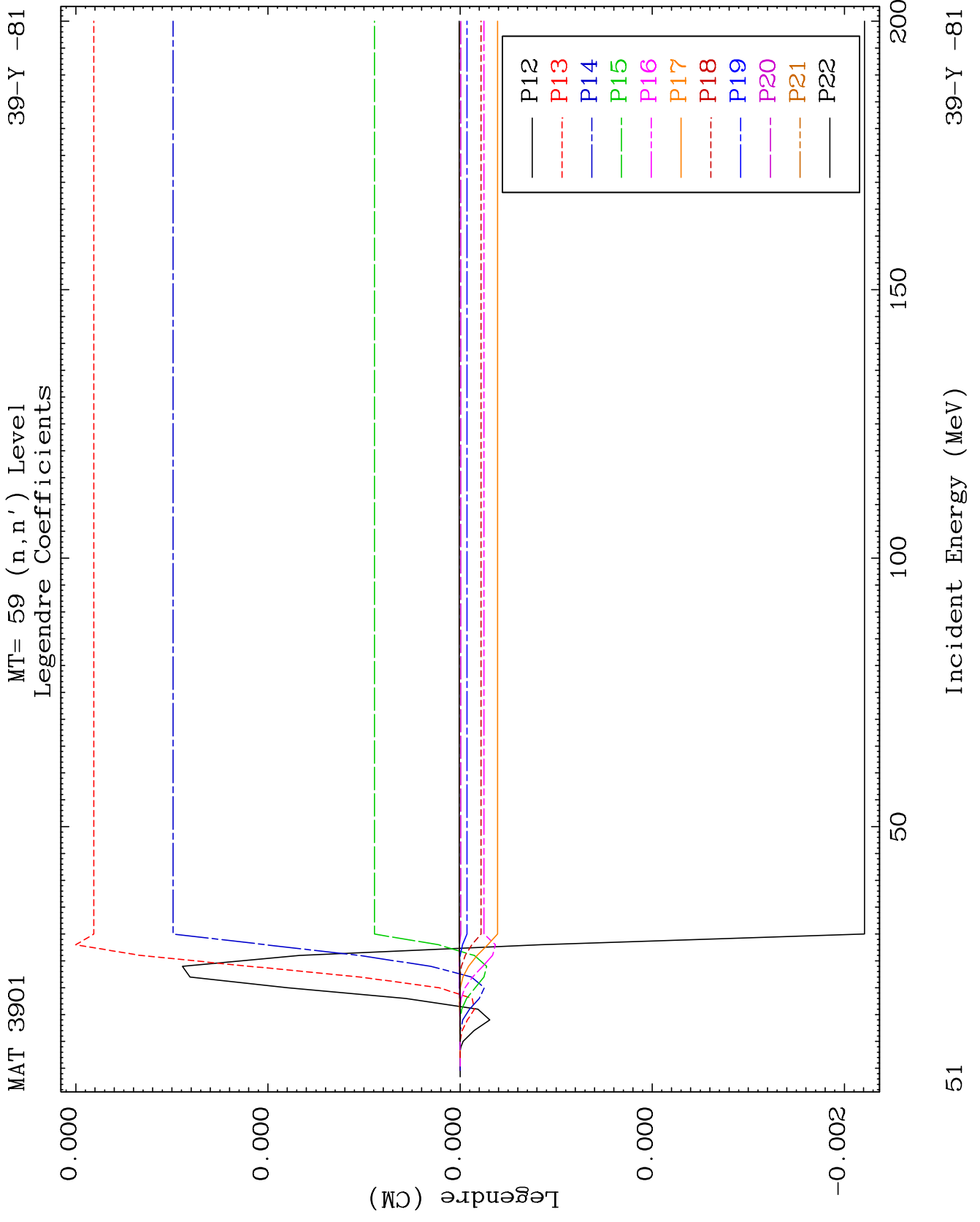
MT= 59 (n,n') Level
Legendre Coefficients

39-Y -81



39-Y -81

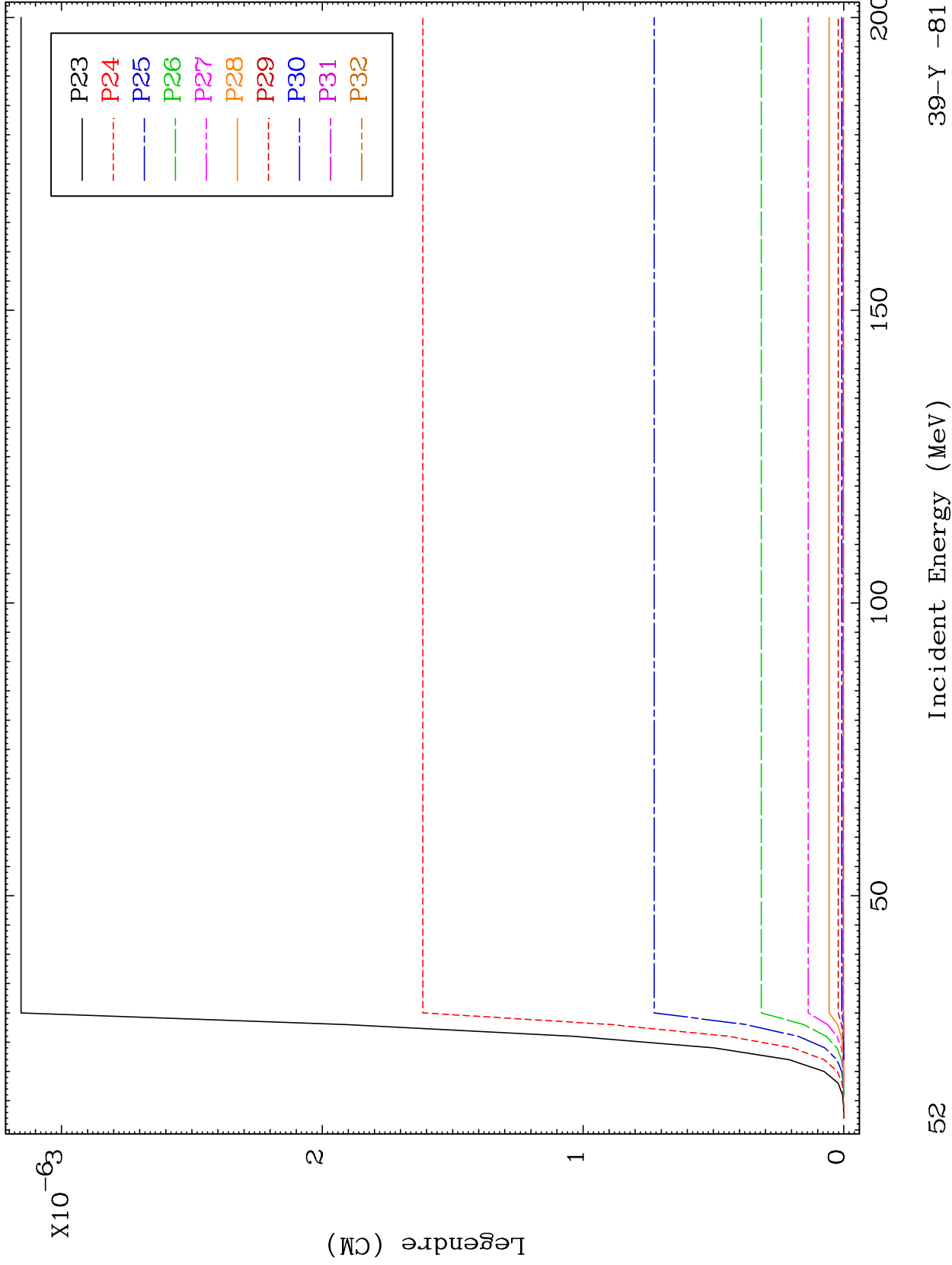
Incident Energy (MeV)



MAT 3901

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

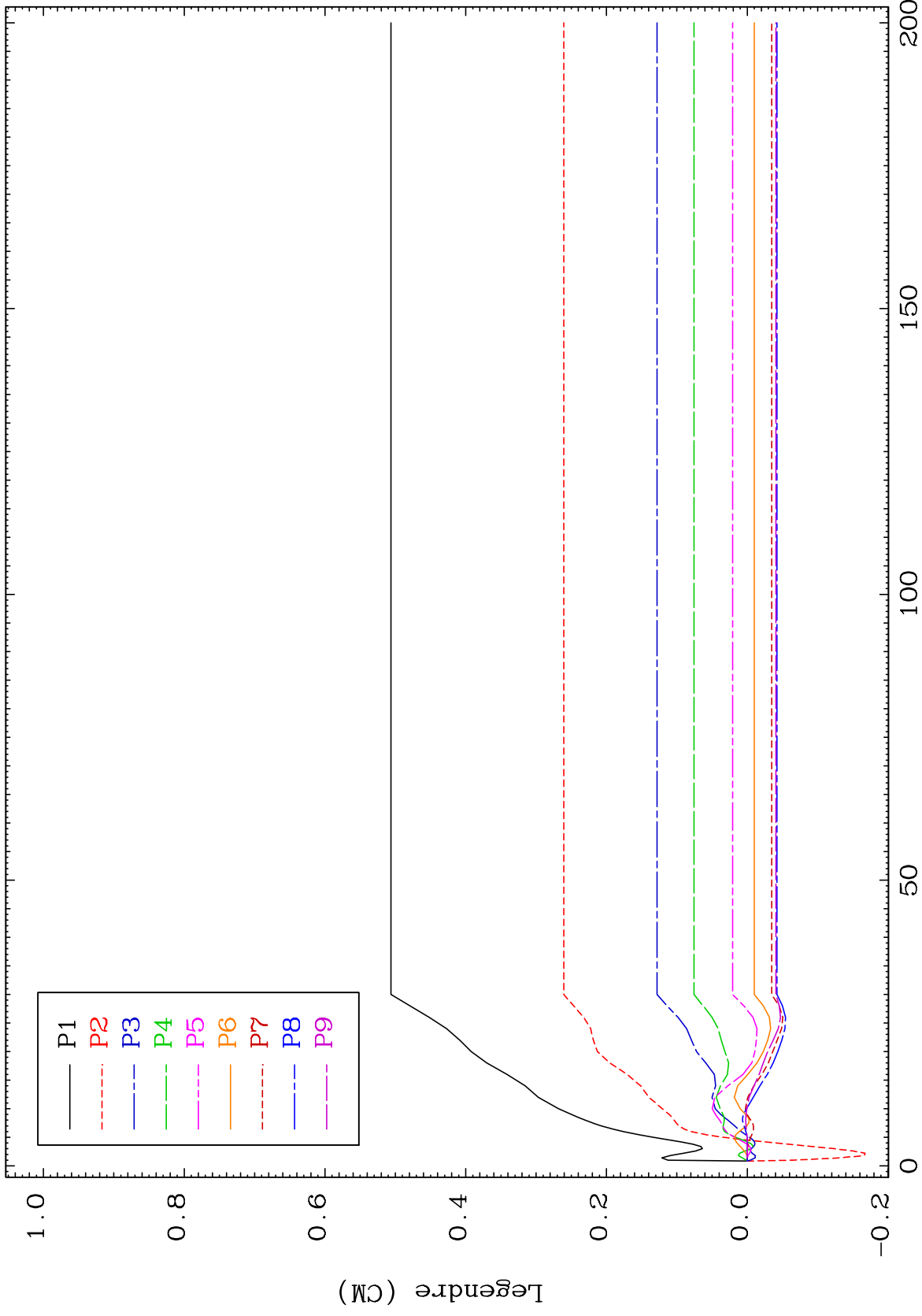
39-Y -81



MAT 3901

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

39-Y -81



53

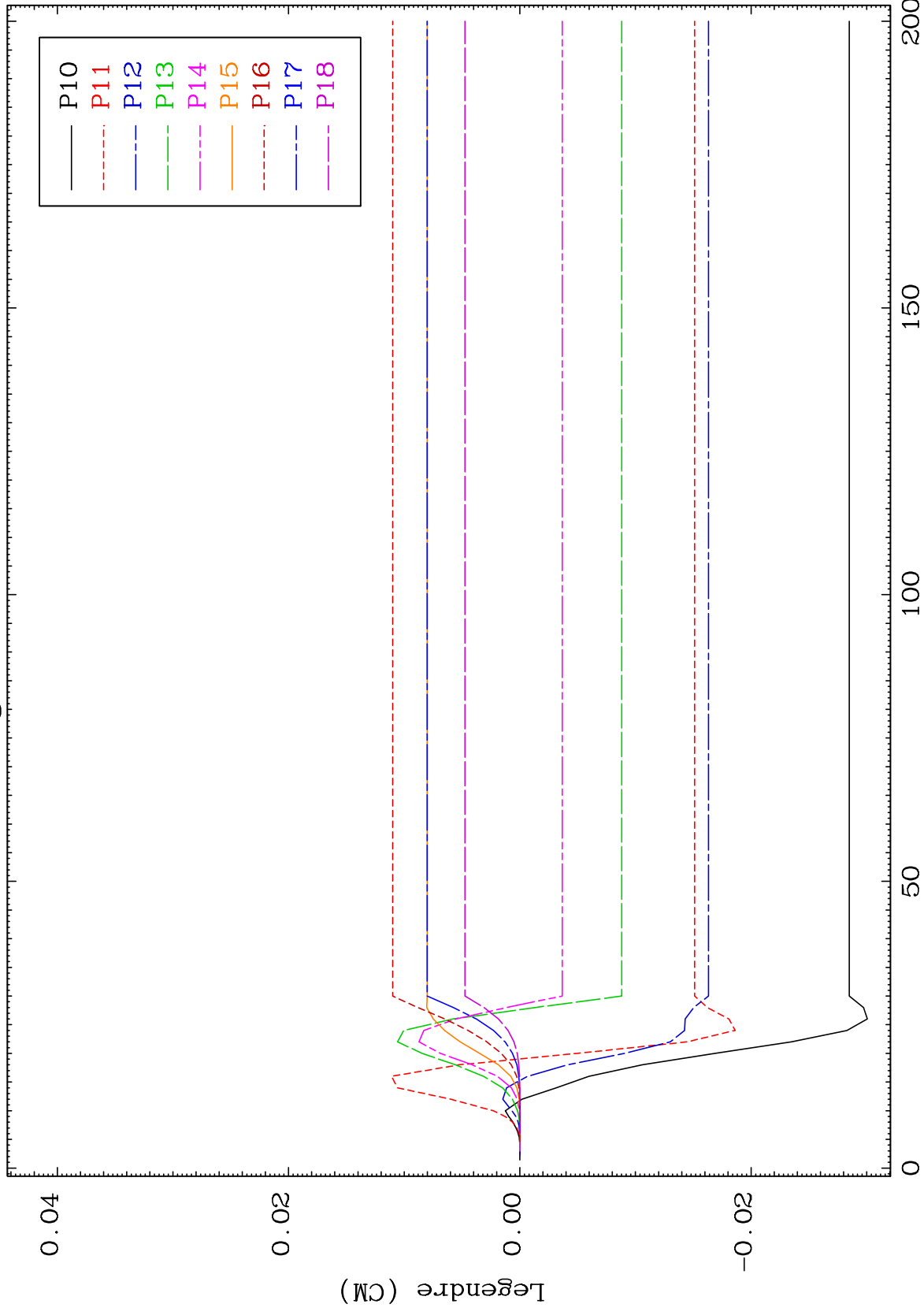
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



54

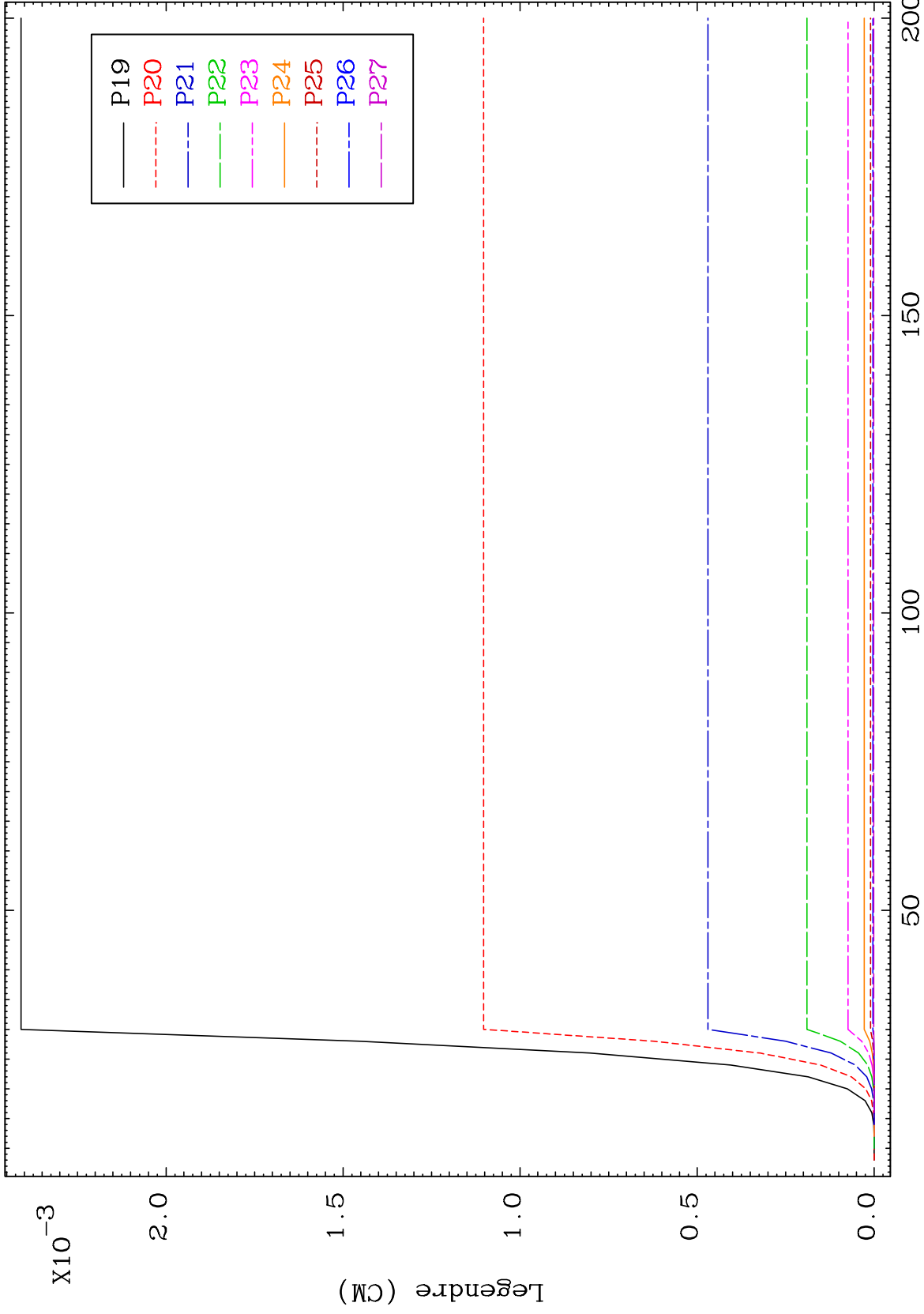
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



55

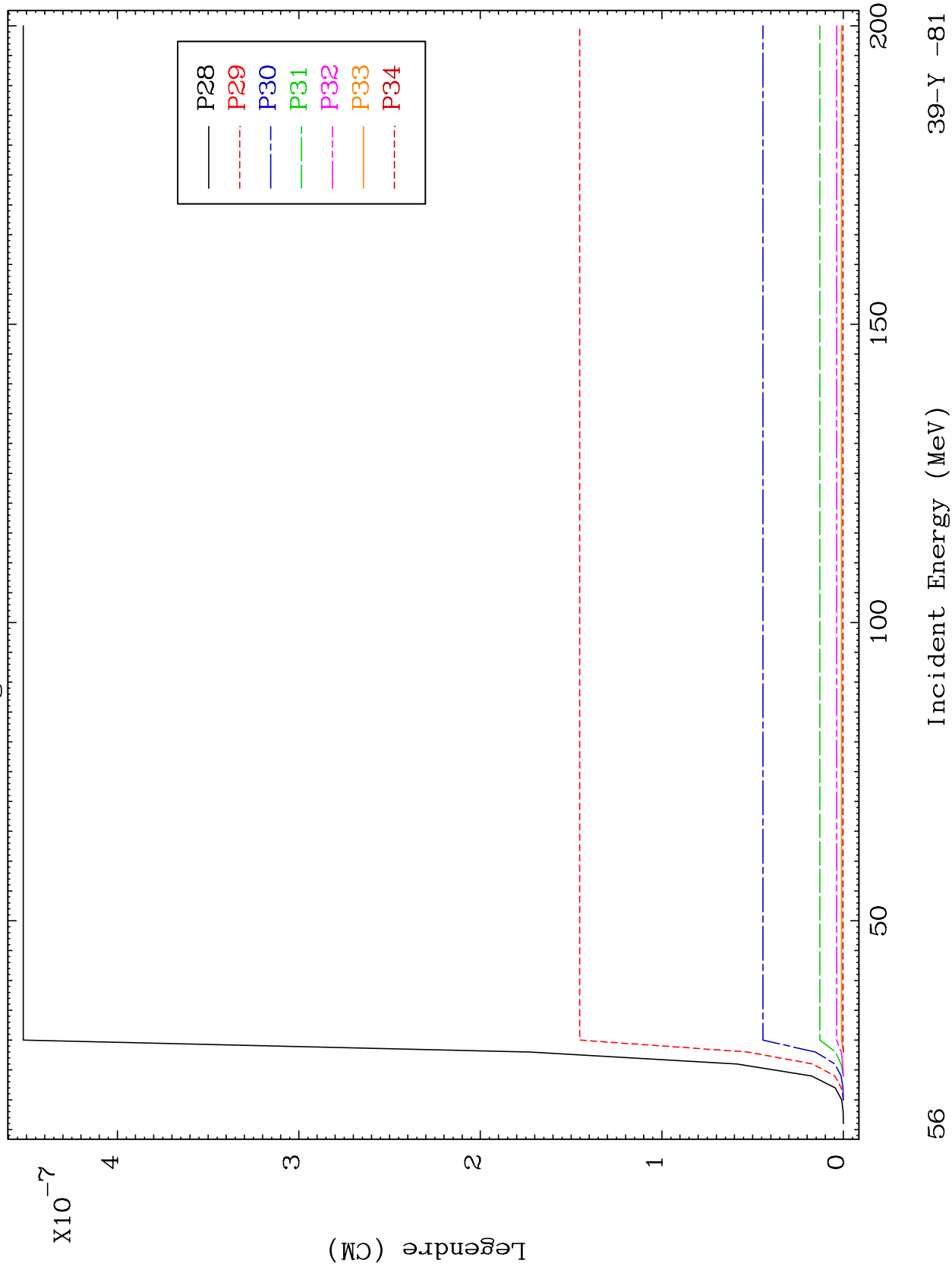
Incident Energy (MeV)

39-Y -81

MAT 3901

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

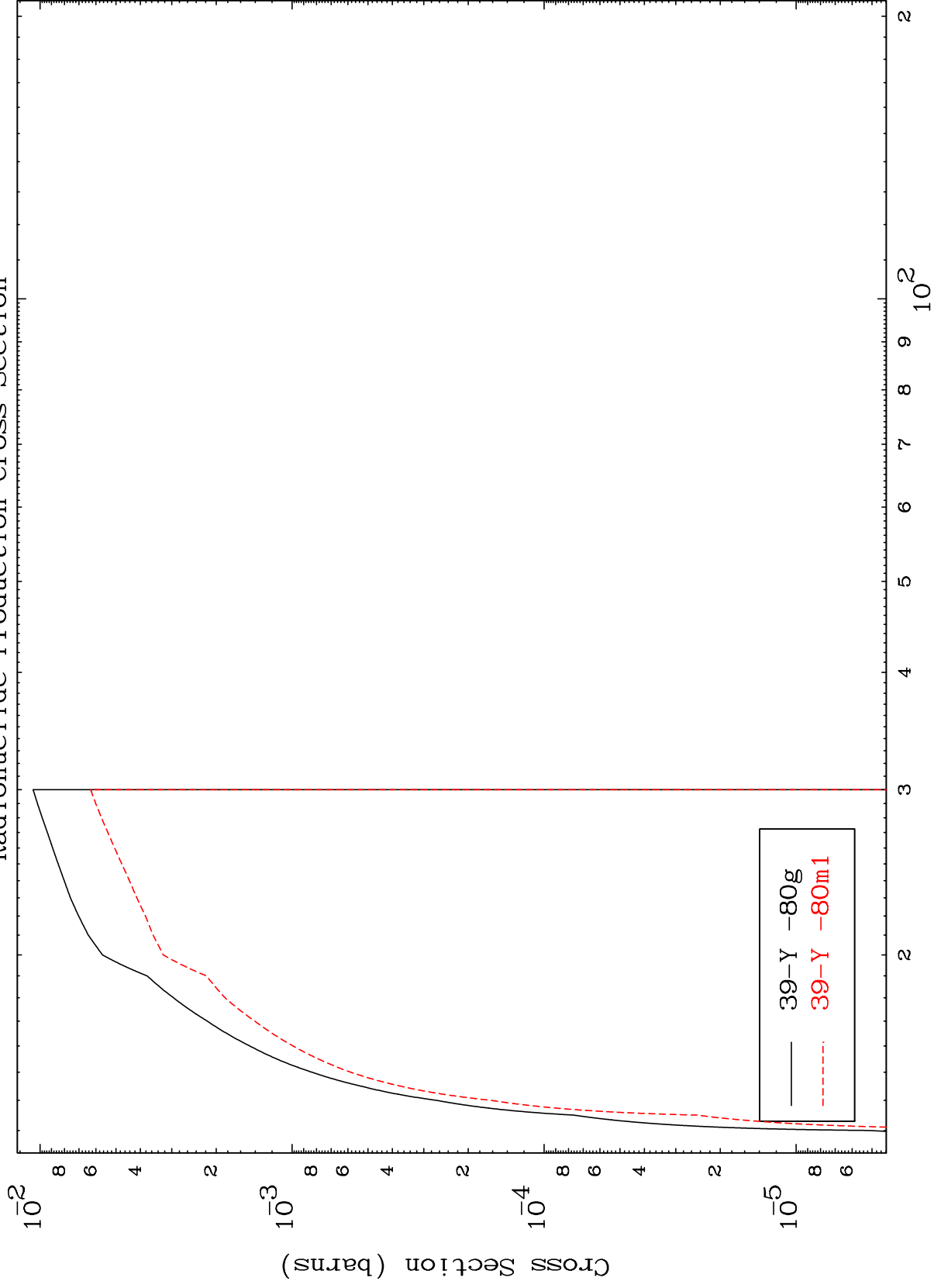
39-Y -81



MAT 3901

39-Y -81

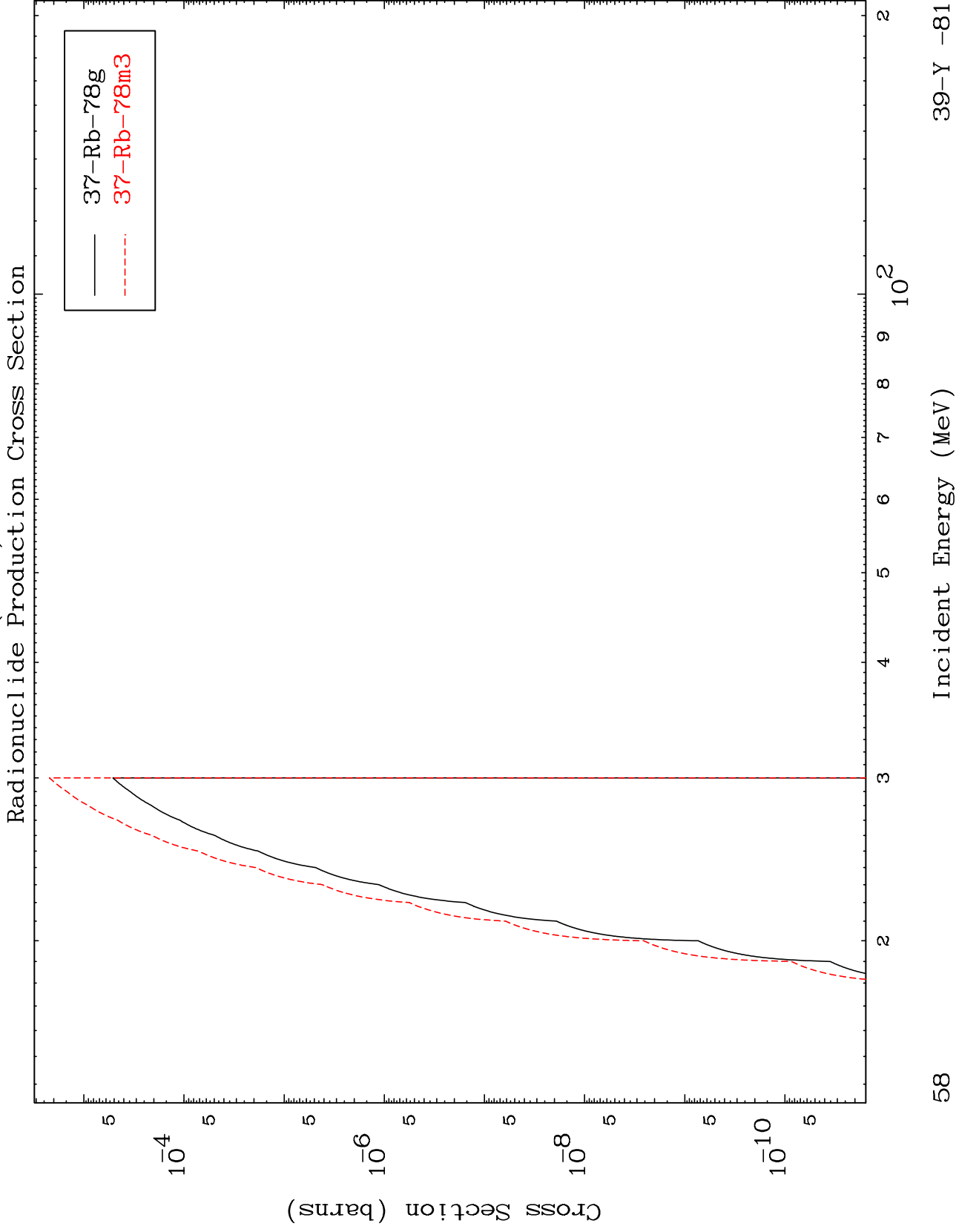
Radionuclide Production Cross Section
(n,2n)

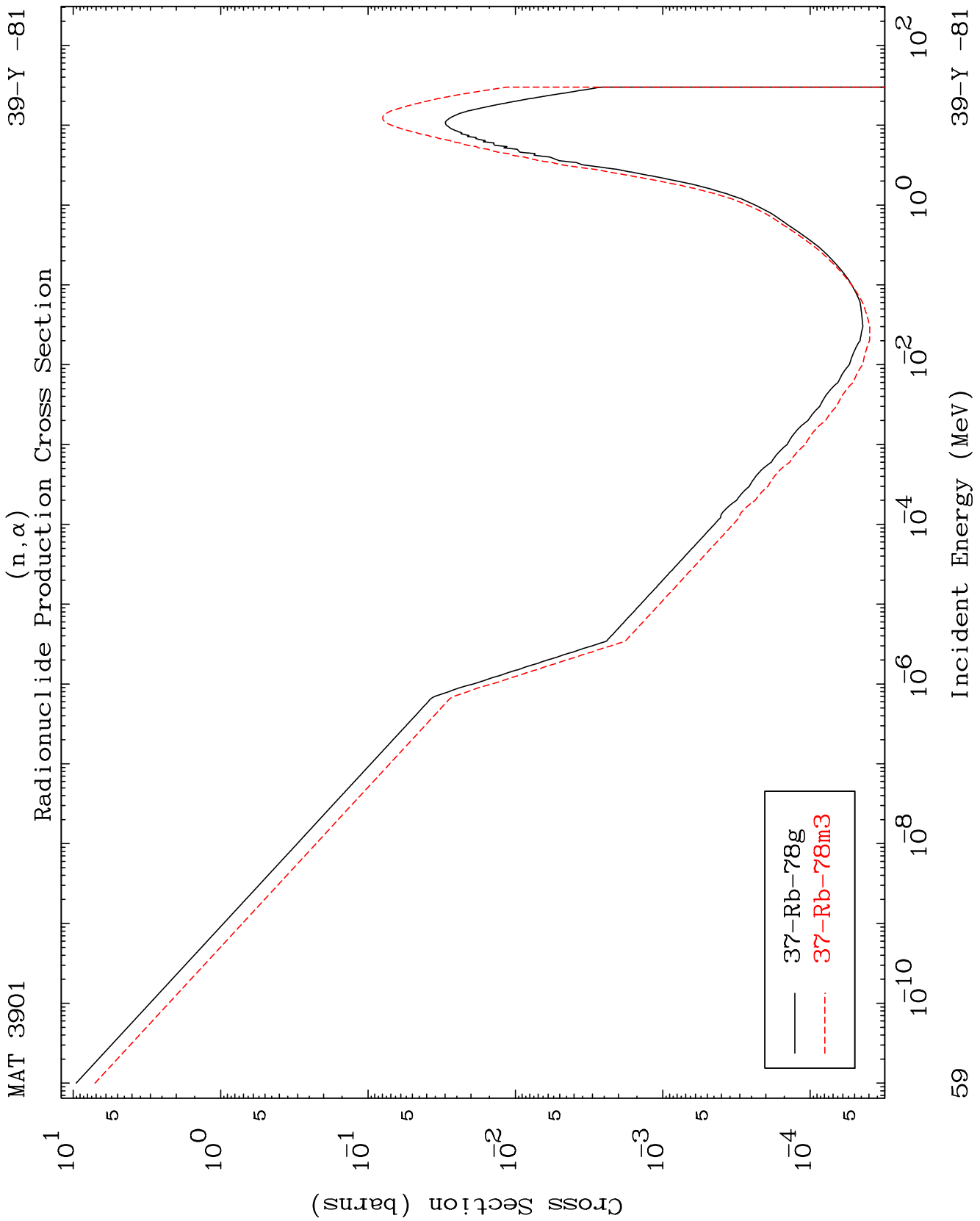


57

Incident Energy (MeV)

39-Y -81



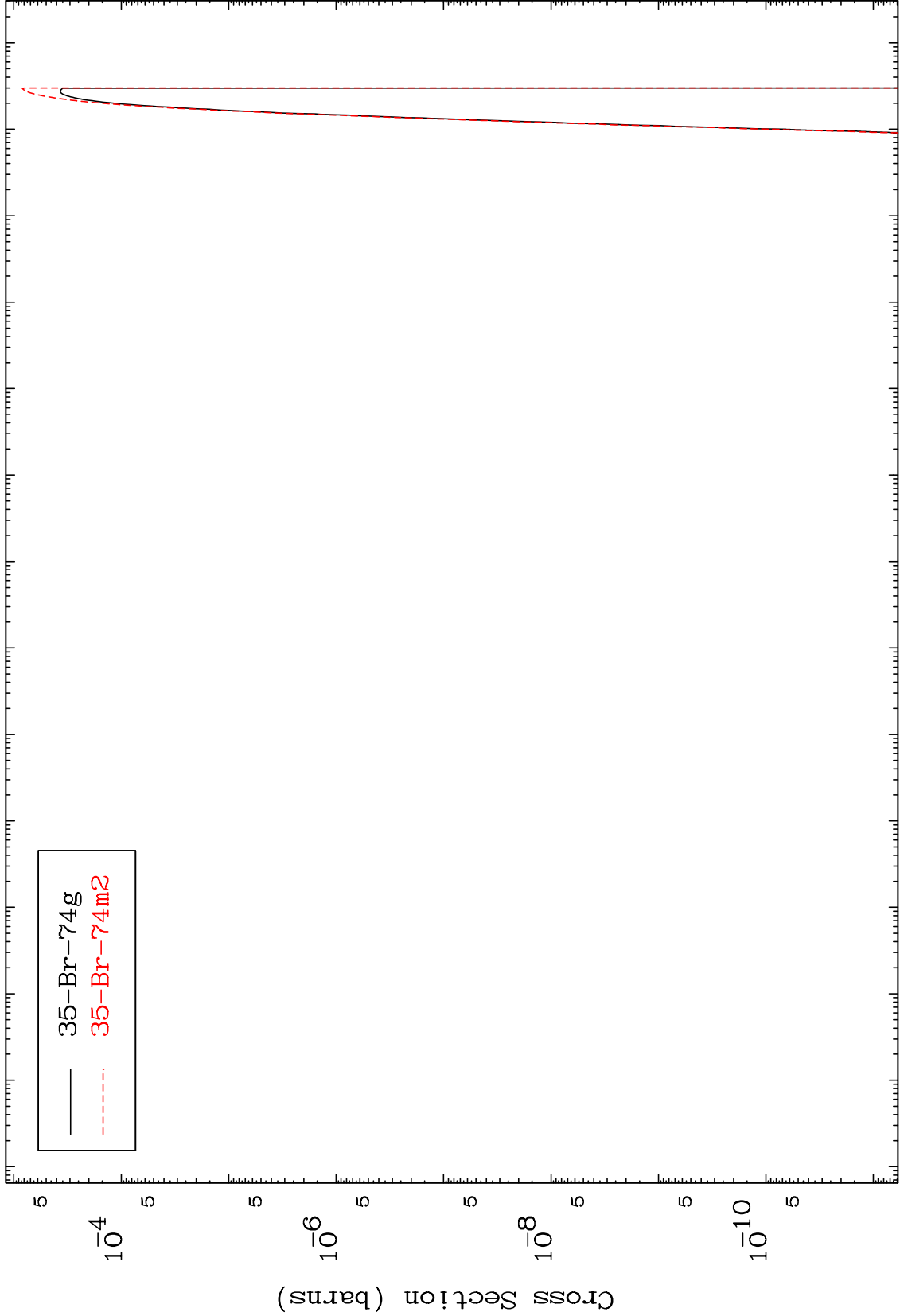
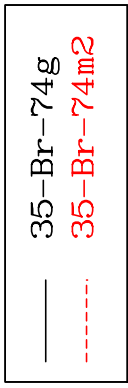


MAT 3901

(n,2α)

39-Y -81

Radionuclide Production Cross Section



60

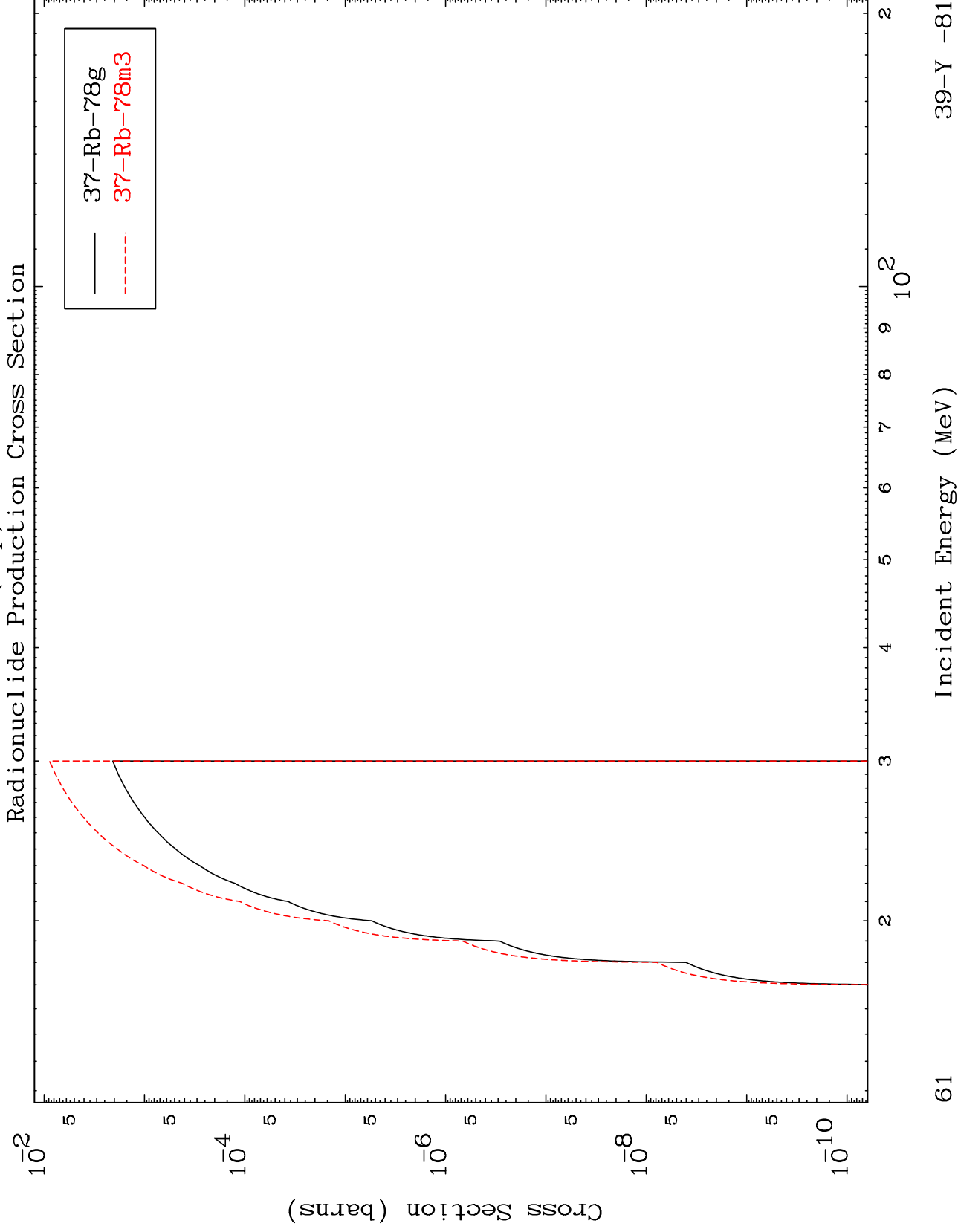
Incident Energy (MeV)

39-Y -81

MAT 3901

(n,p) t

39-Y -81



61