

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

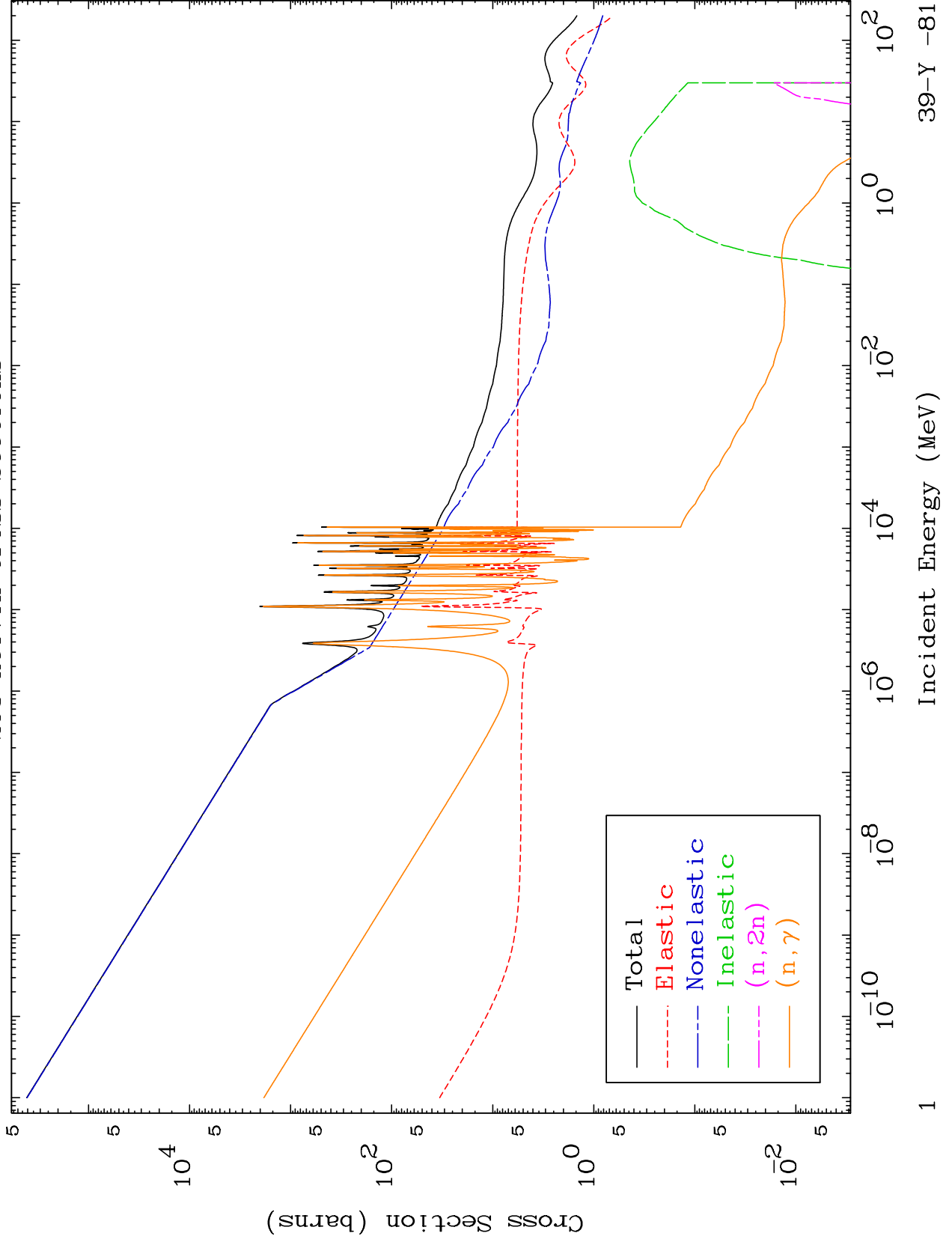
Web:redcullen1.net/HOMEPAGE.NEW

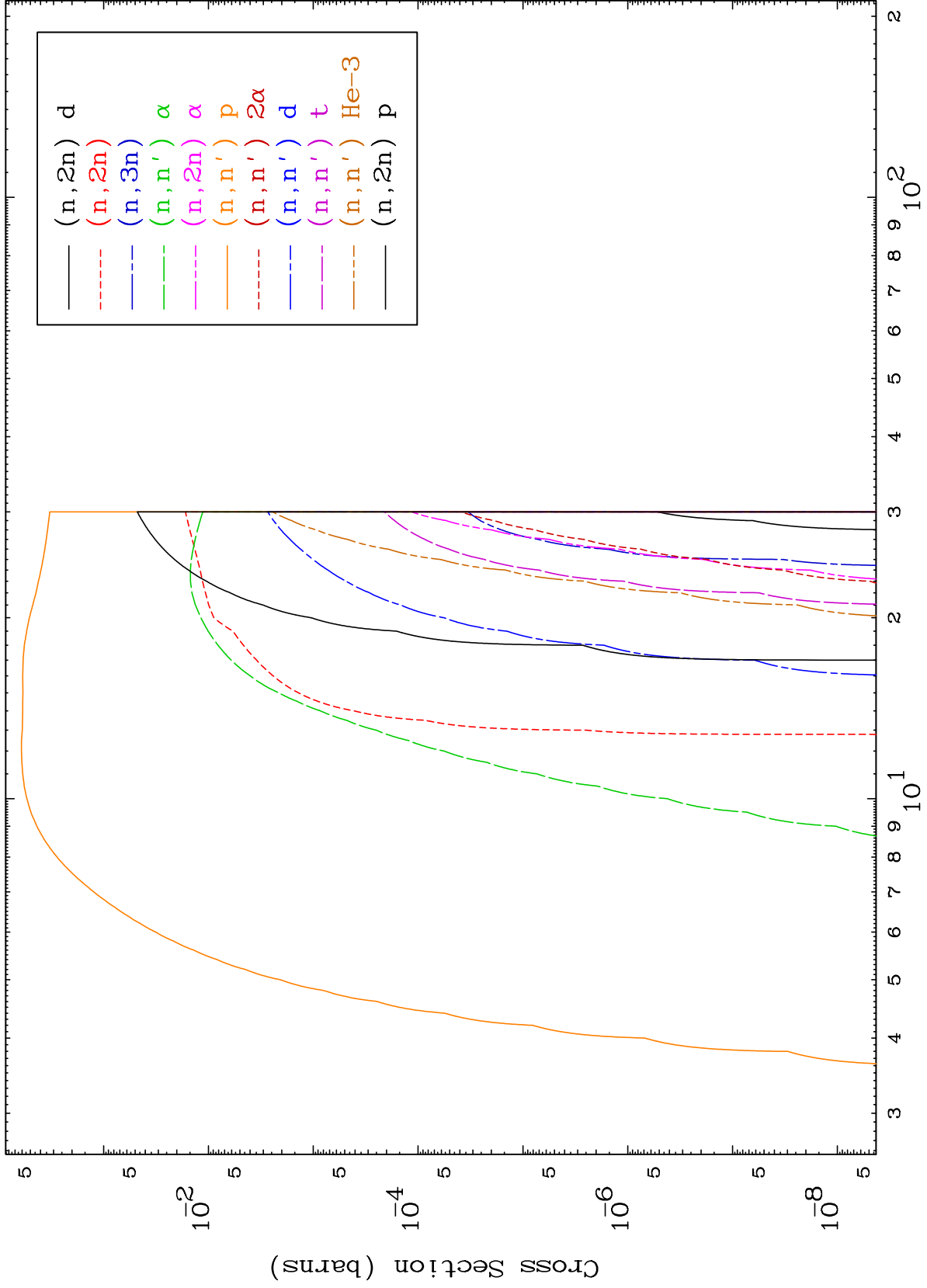
Press Mouse Button to Start

MAT 3901

Neutron Major
293 Kelvin Cross Sections

39-Y -81

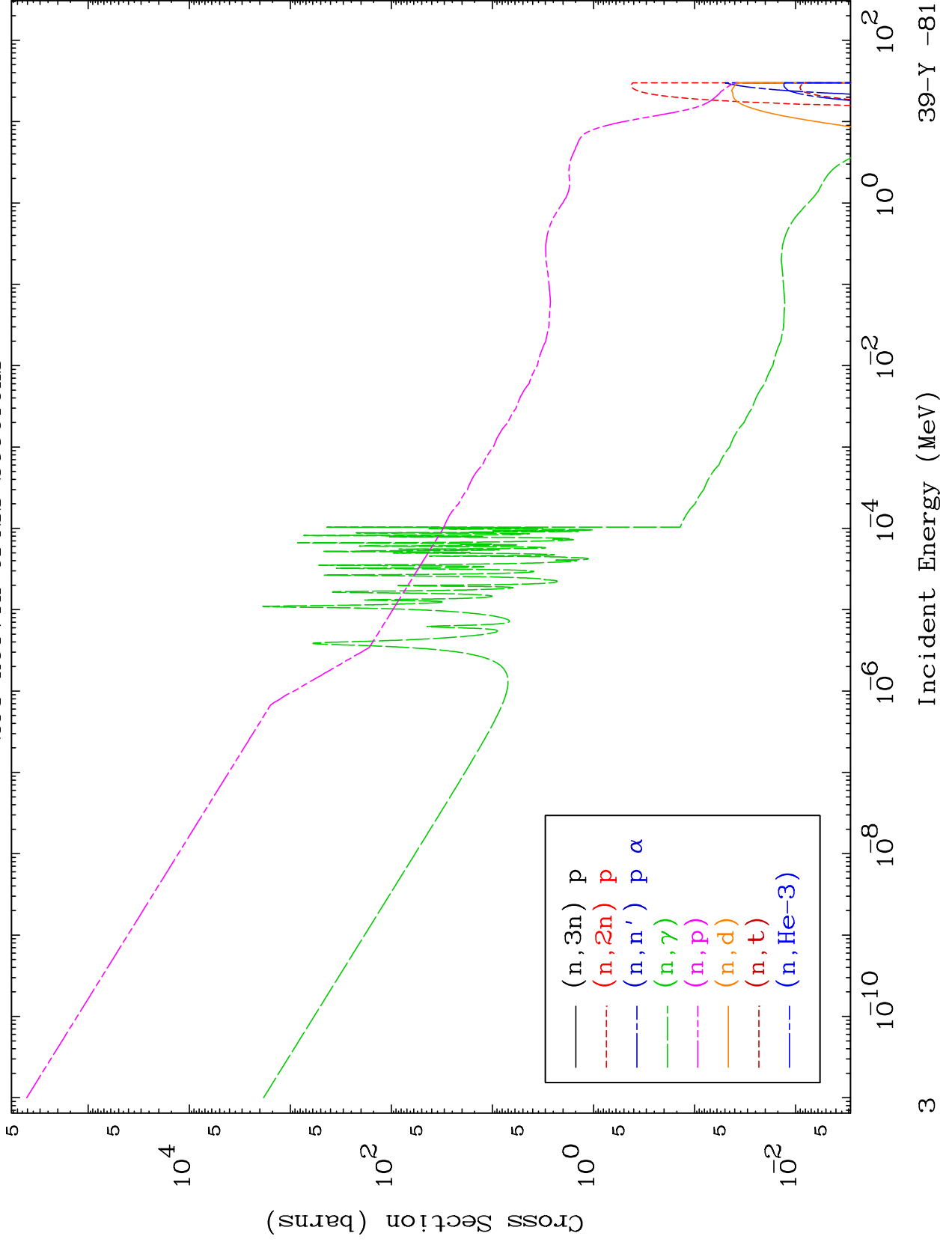


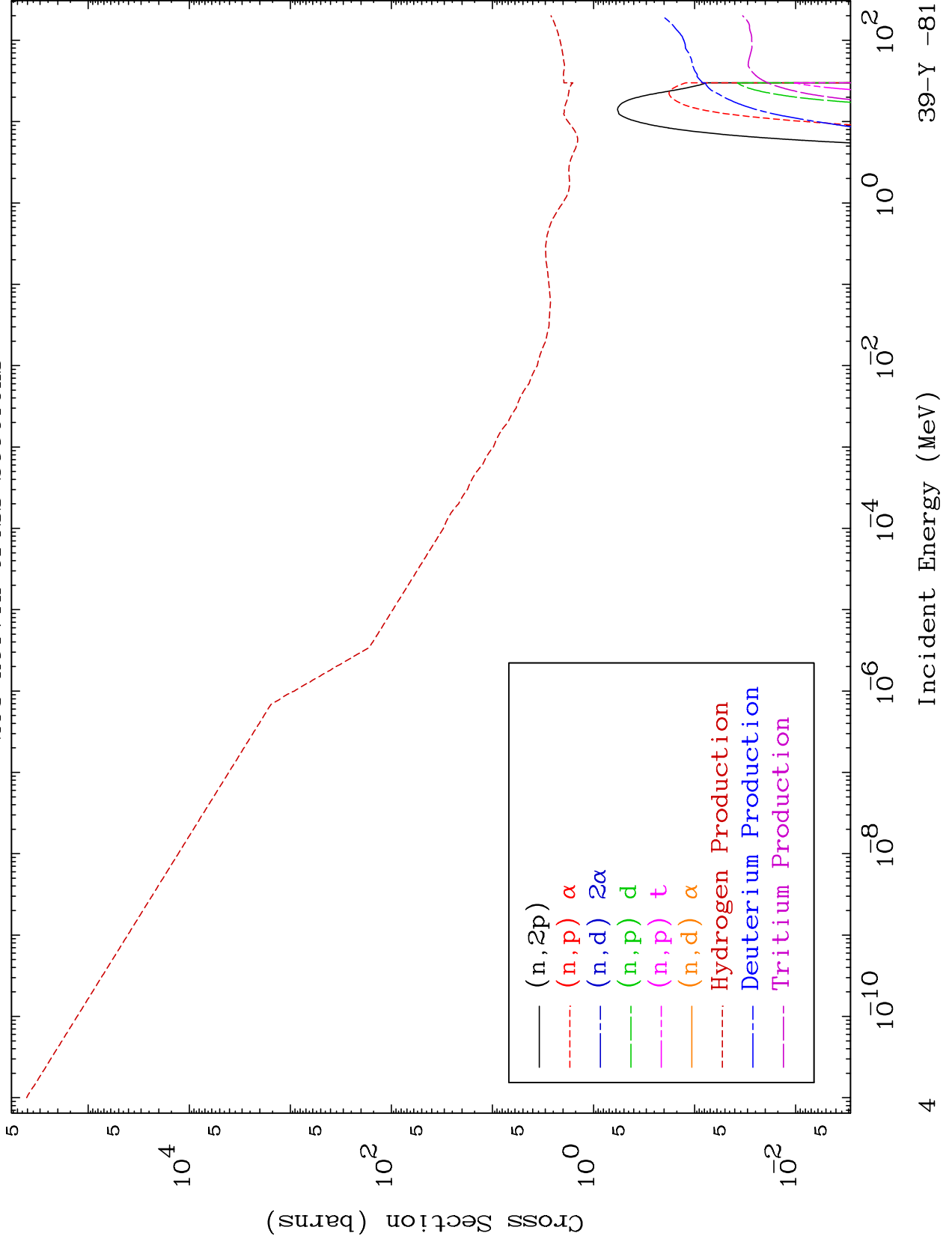


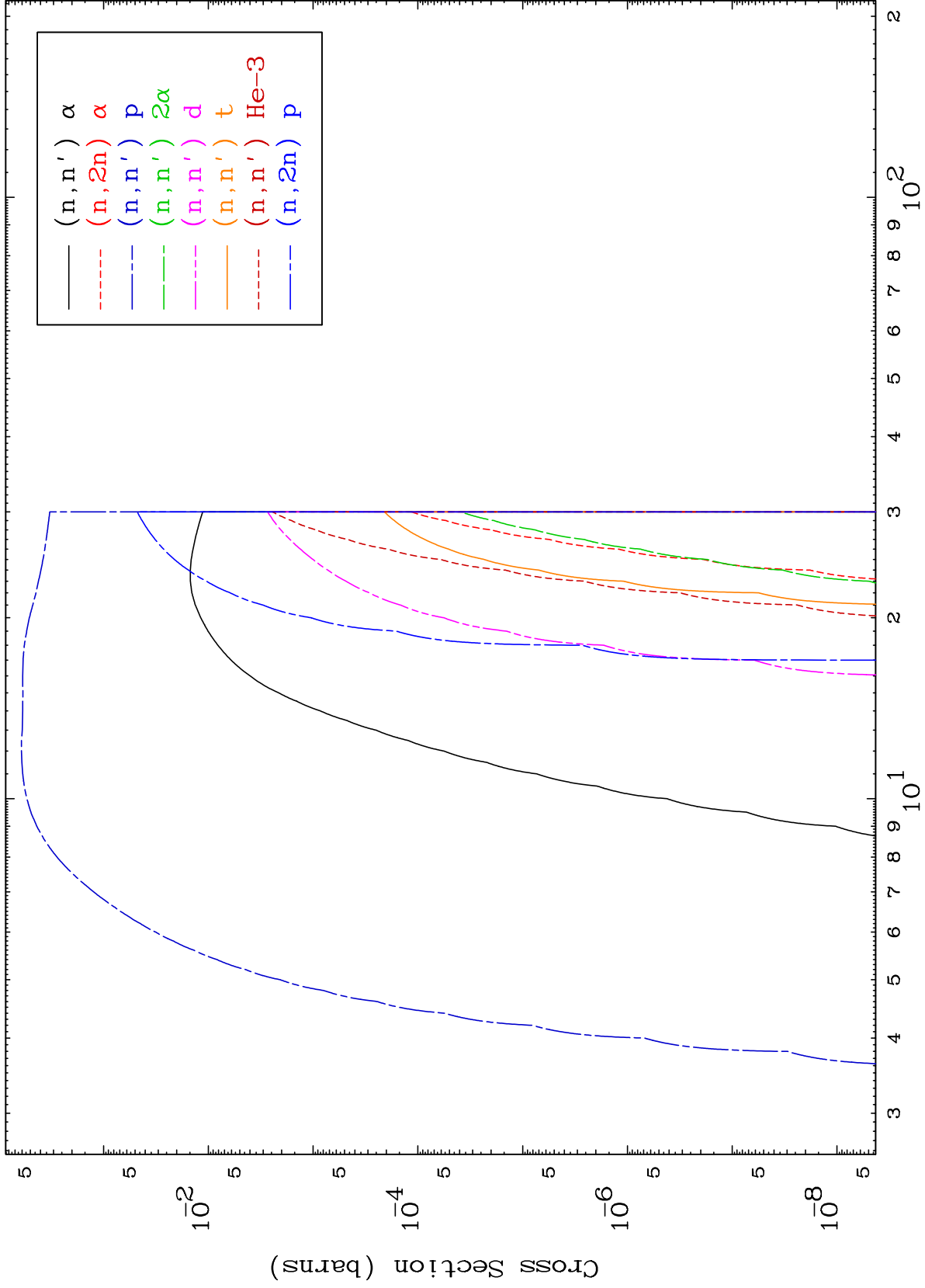
MAT 3901

Neutron Absorption
293 Kelvin Cross Sections

39-Y -81



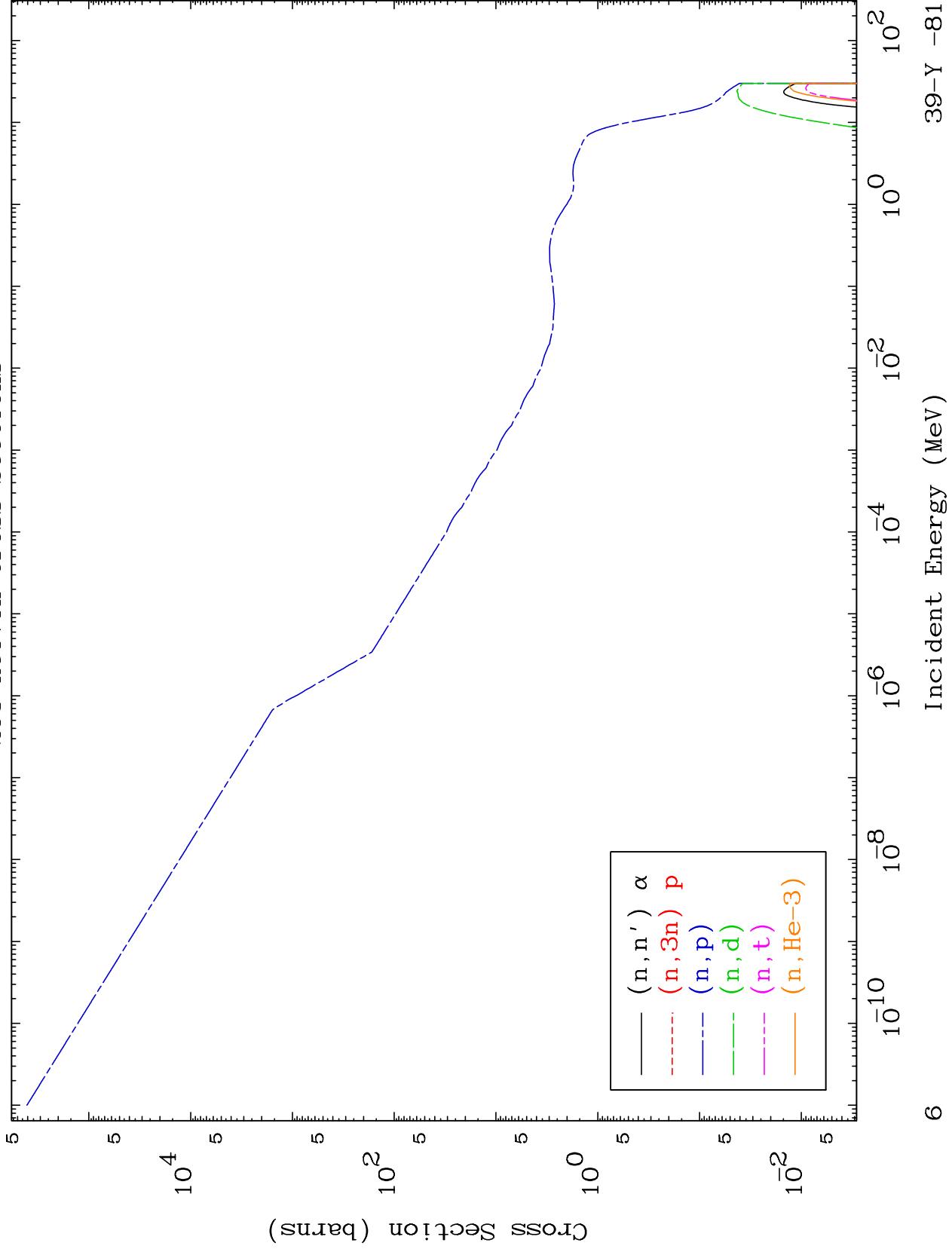




MAT 3901

Charged Particle
293 Kelvin Cross Sections

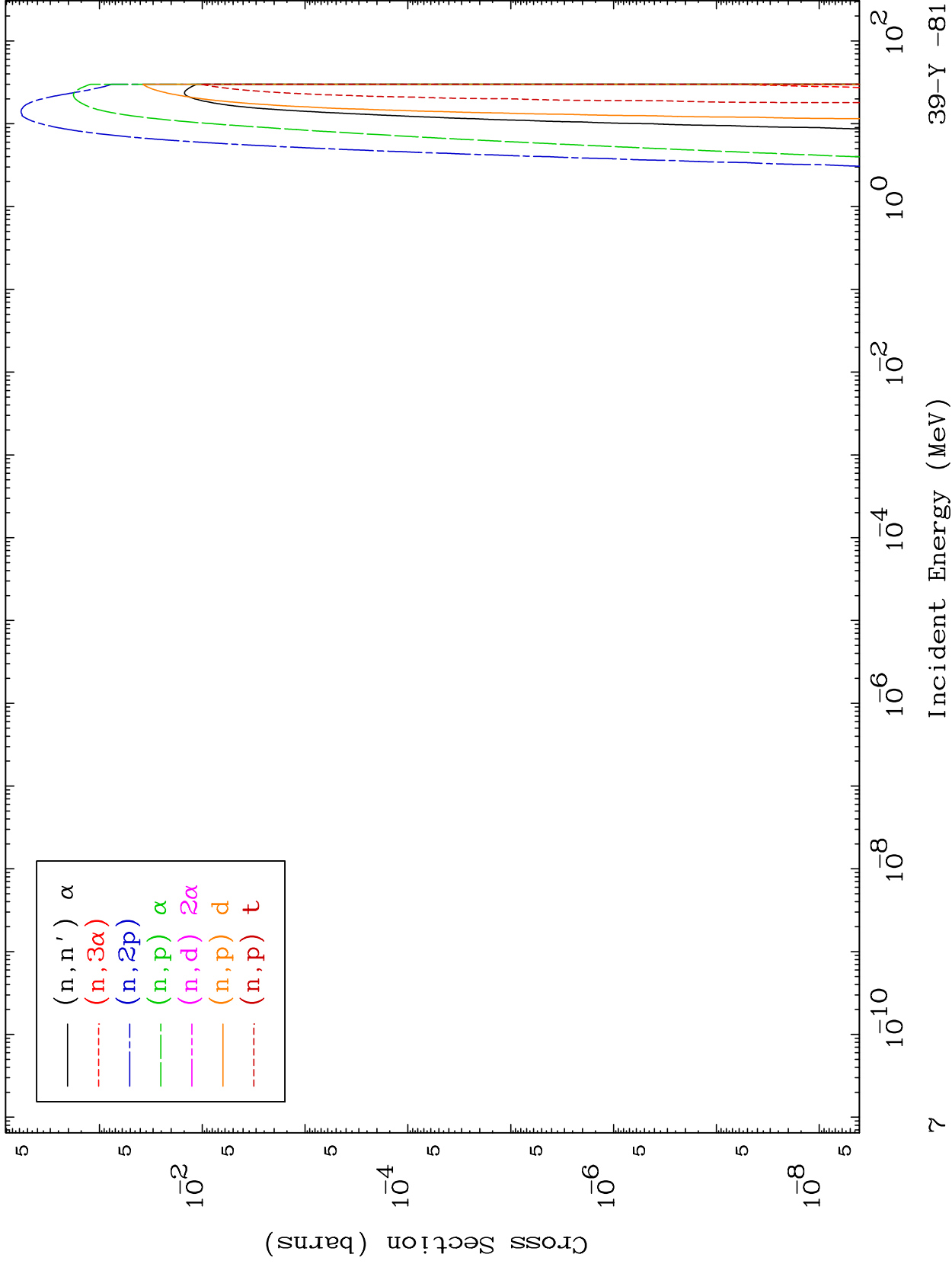
39-Y -81

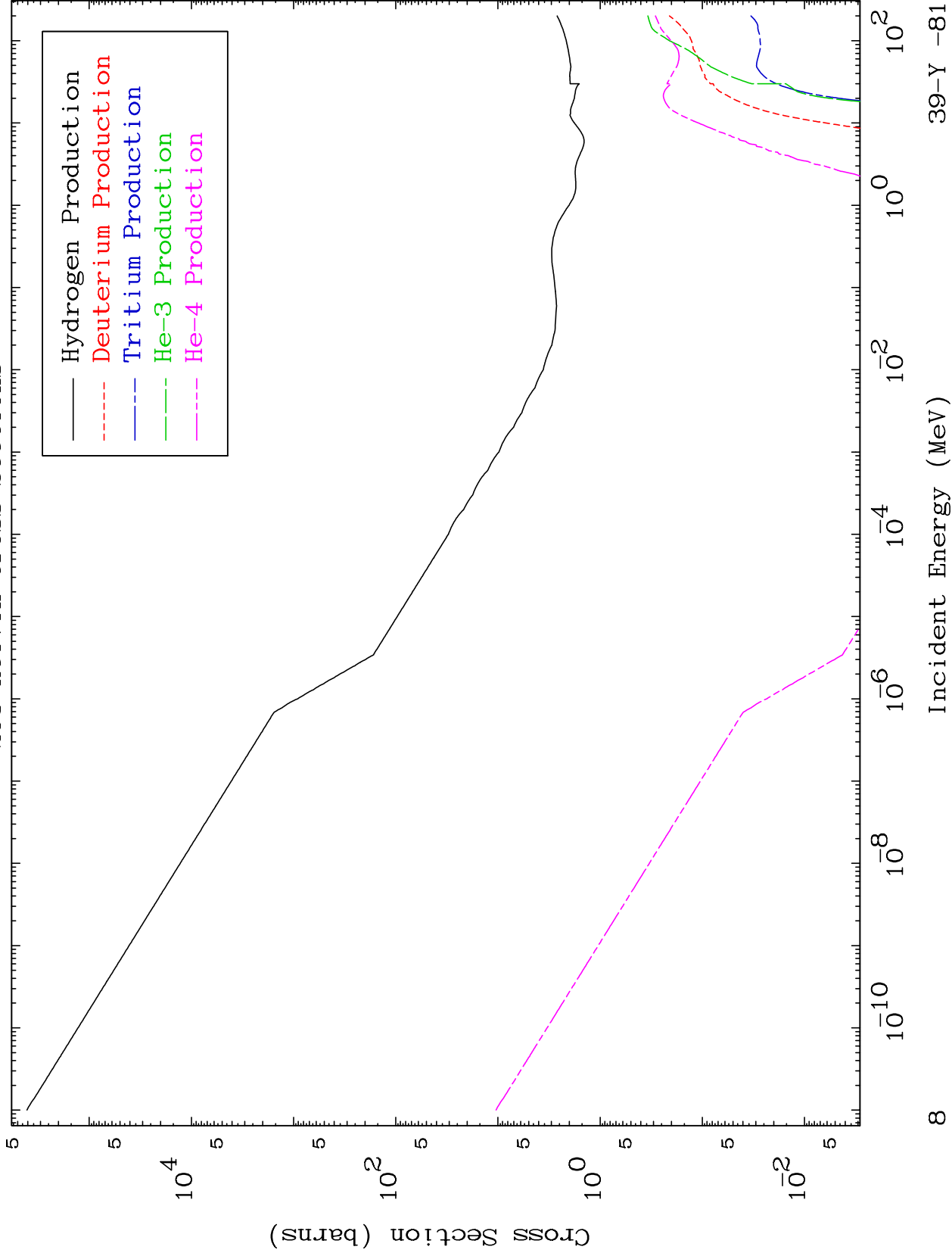


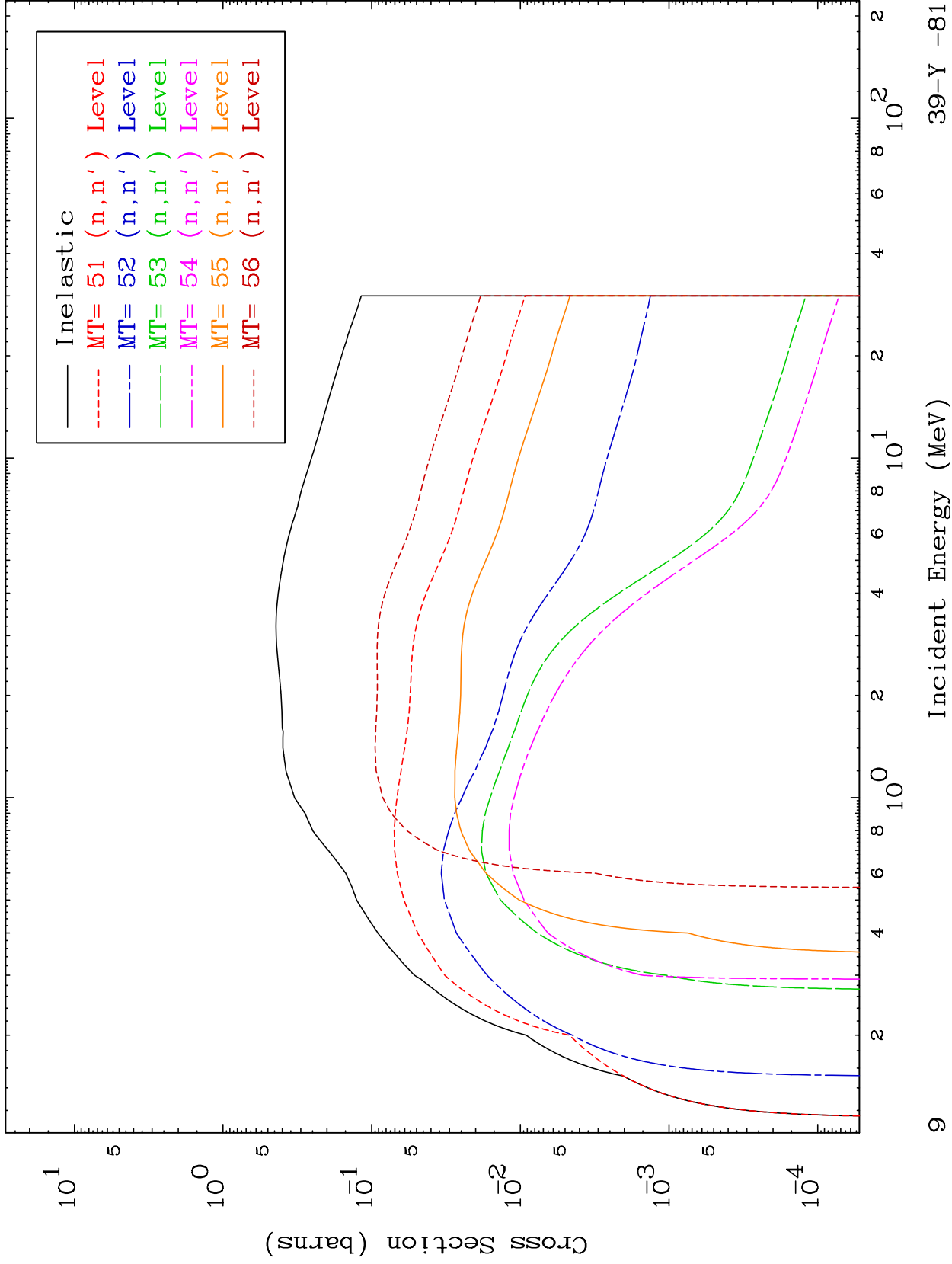
MAT 3901

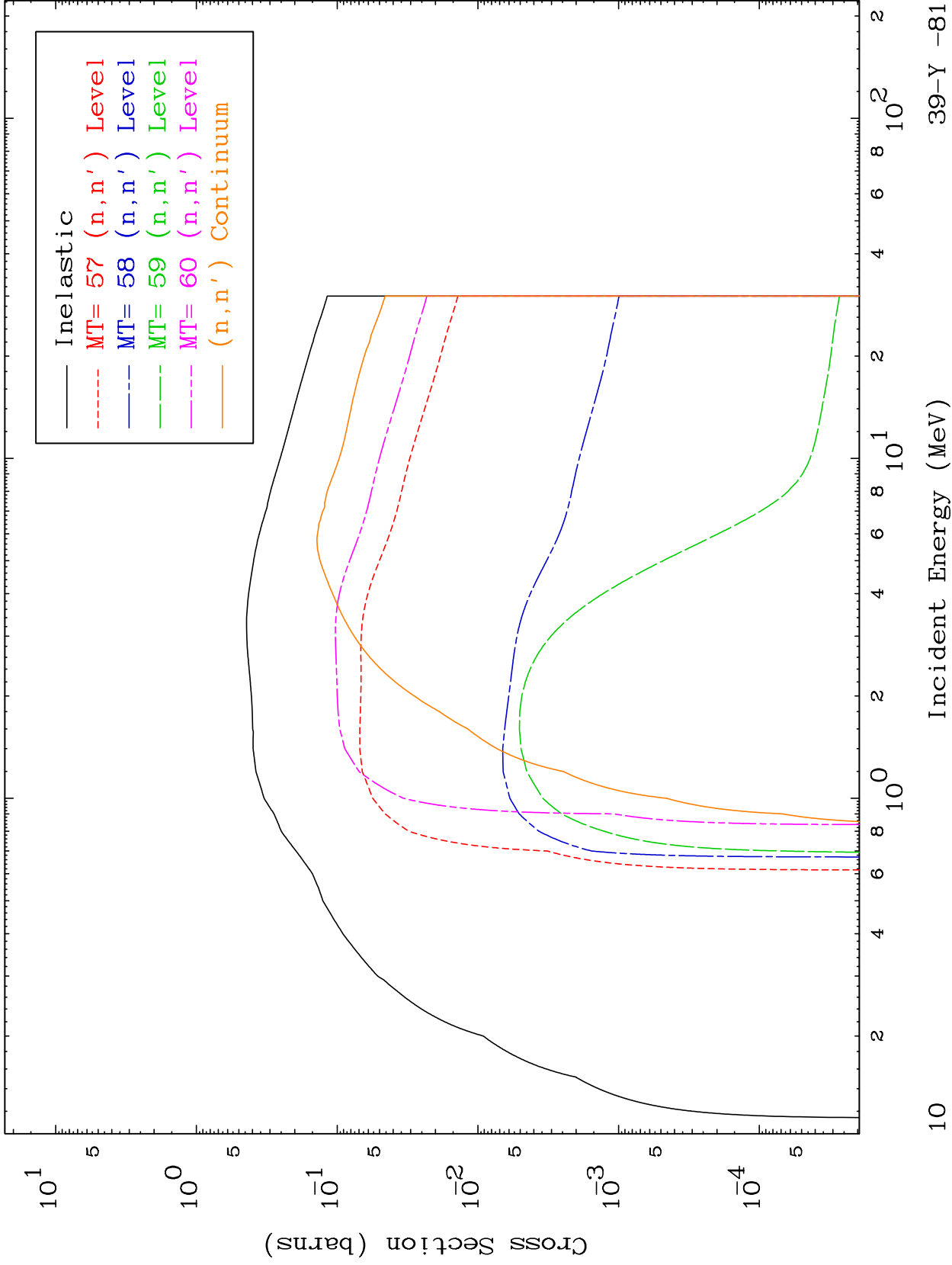
Charged Particle
293 Kelvin Cross Sections

39-Y -81





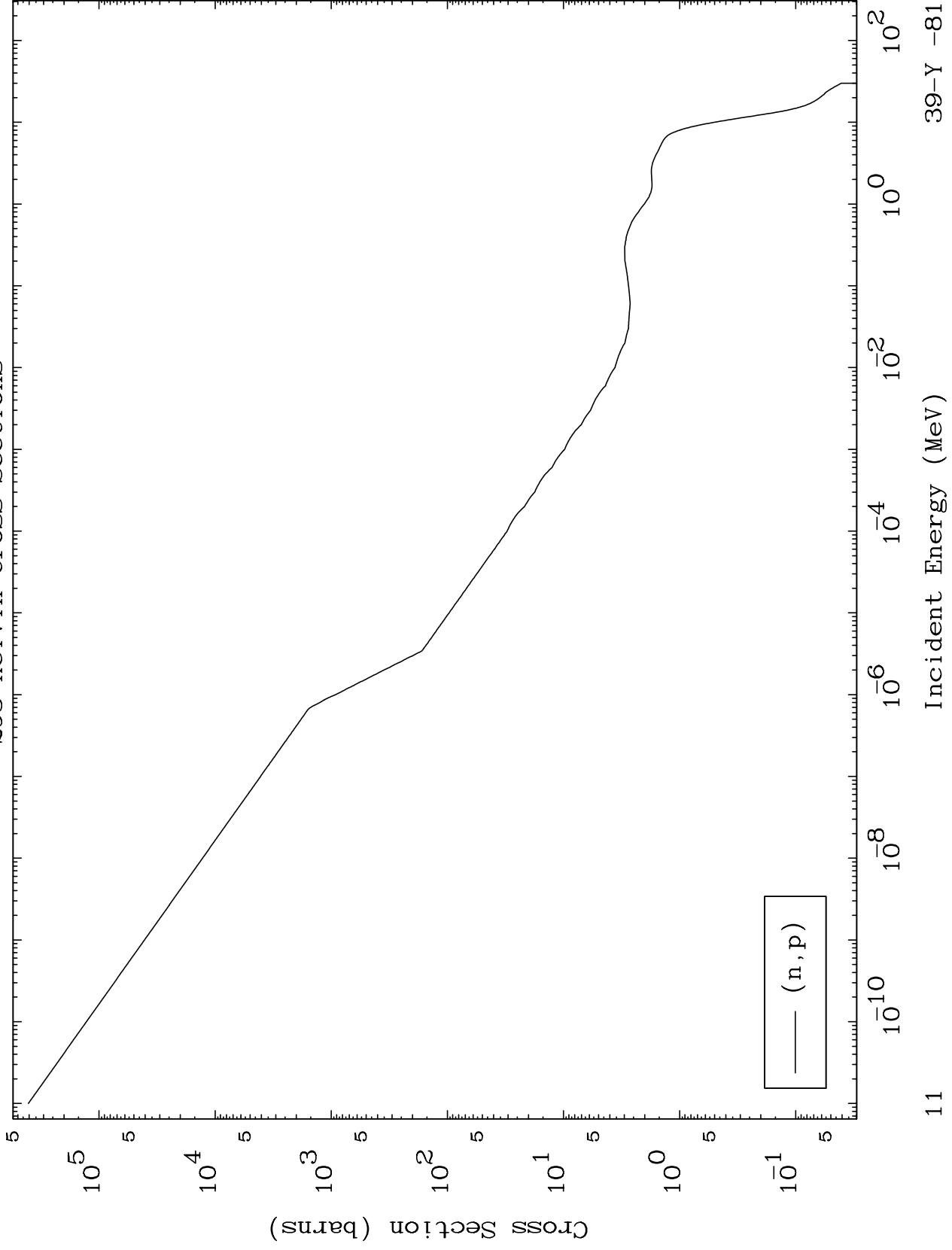




MAT 3901

(n,p) Levels
293 Kelvin Cross Sections

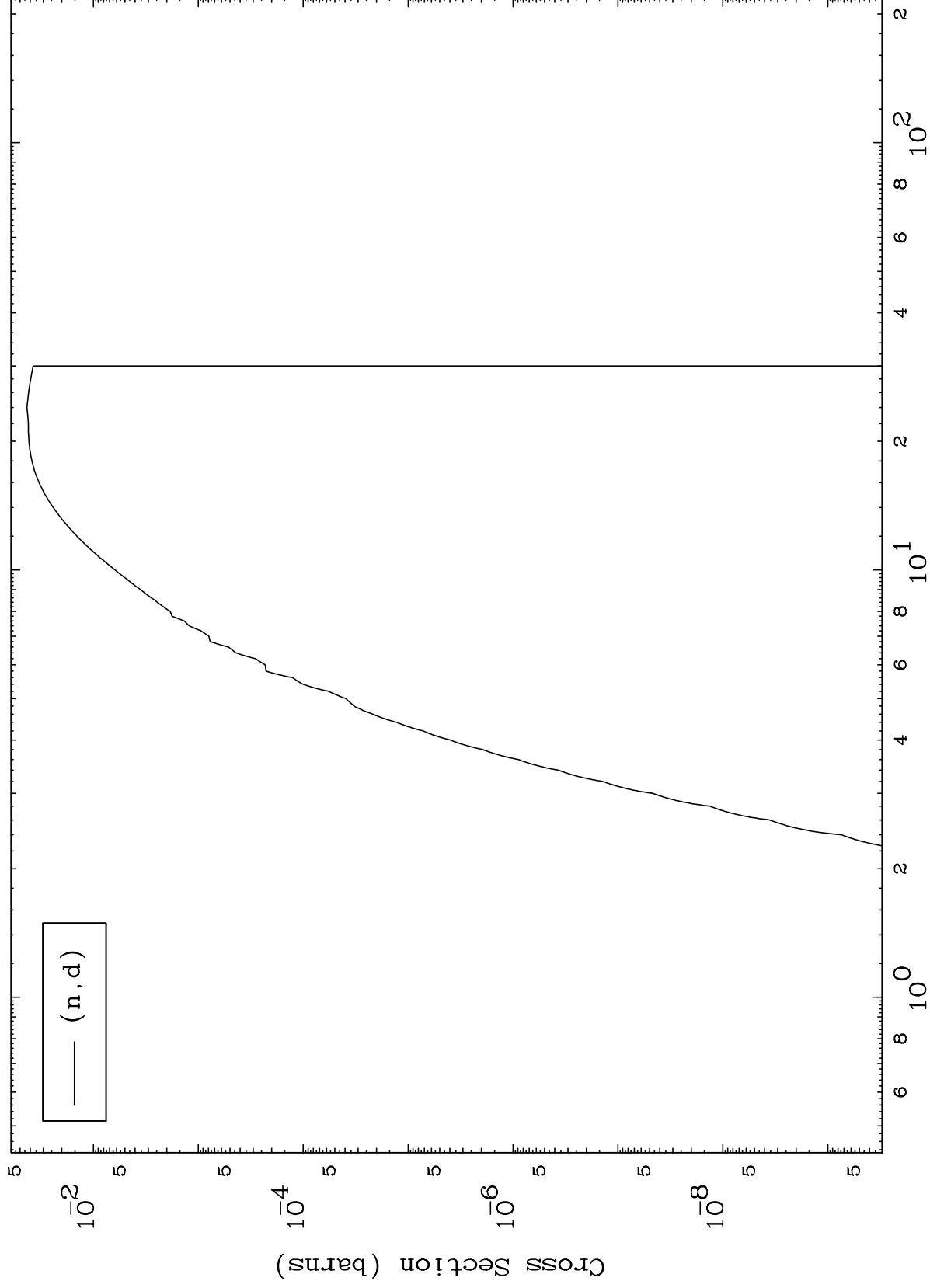
39-Y -81



MAT 3901

(n,d) Levels
293 Kelvin Cross Sections

39-Y -81



12

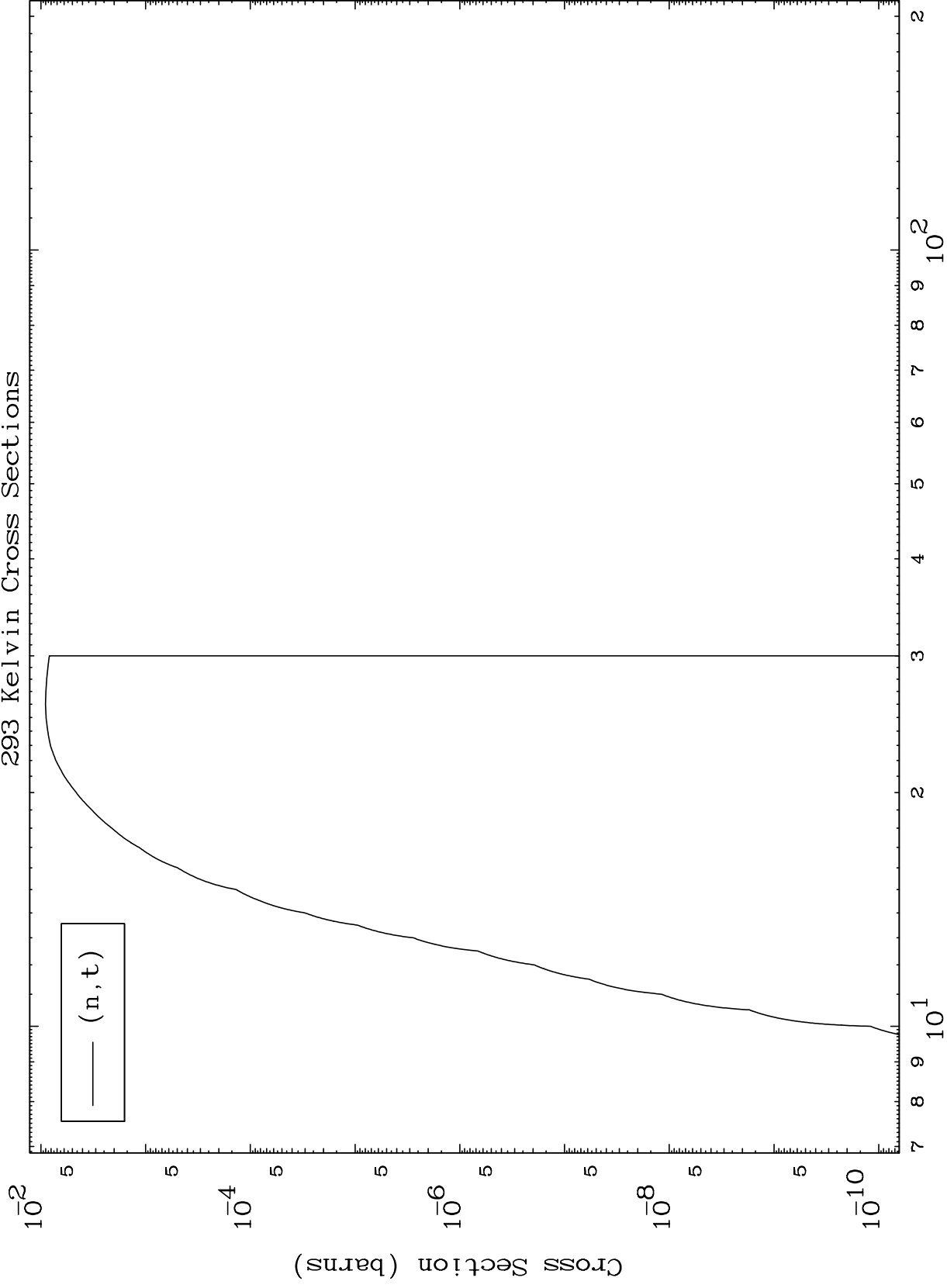
Incident Energy (MeV)

39-Y -81

MAT 3901

(n,t) Levels
293 Kelvin Cross Sections

39-Y -81



13

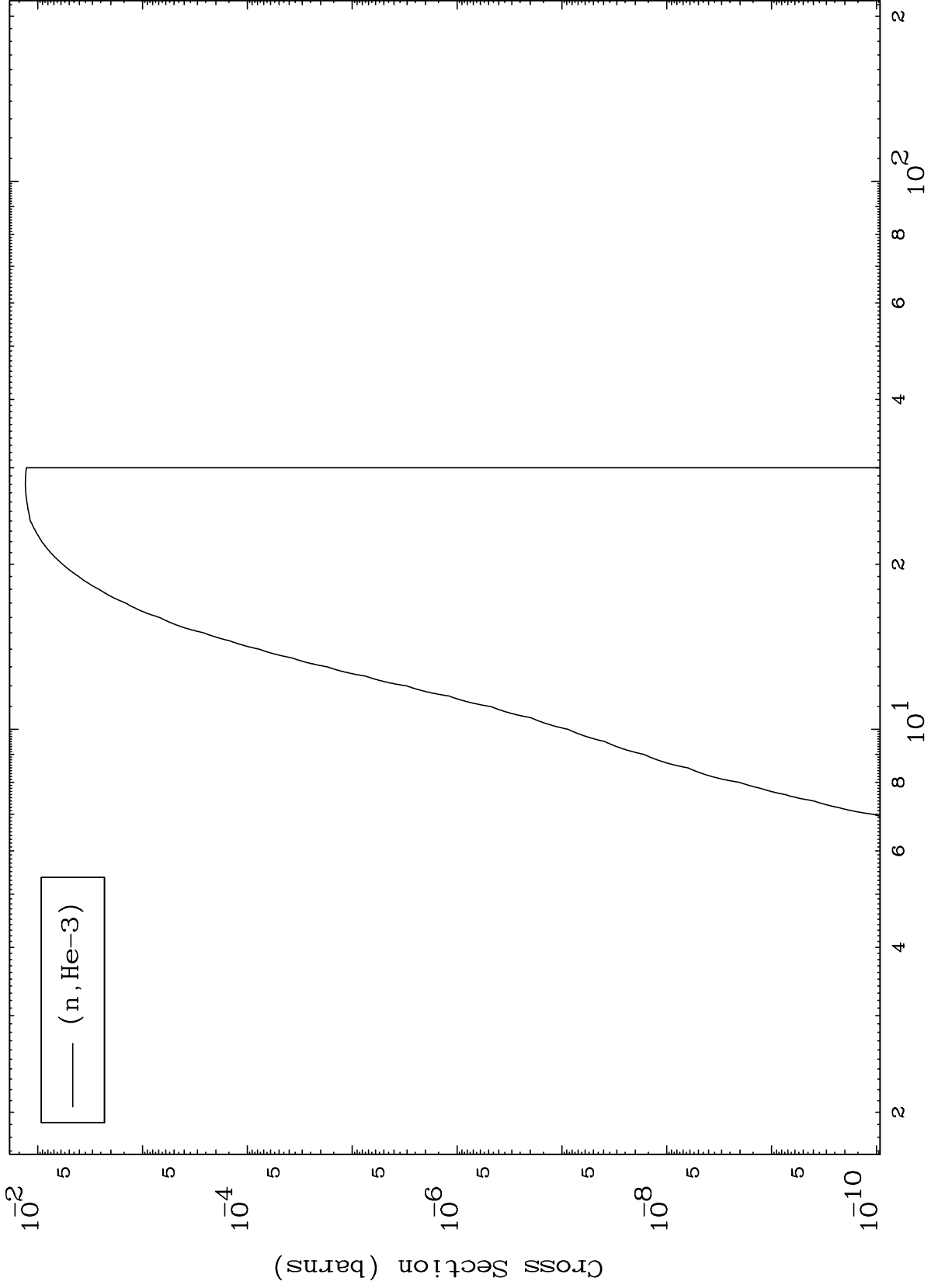
Incident Energy (MeV)

39-Y -81

MAT 3901

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -81



14

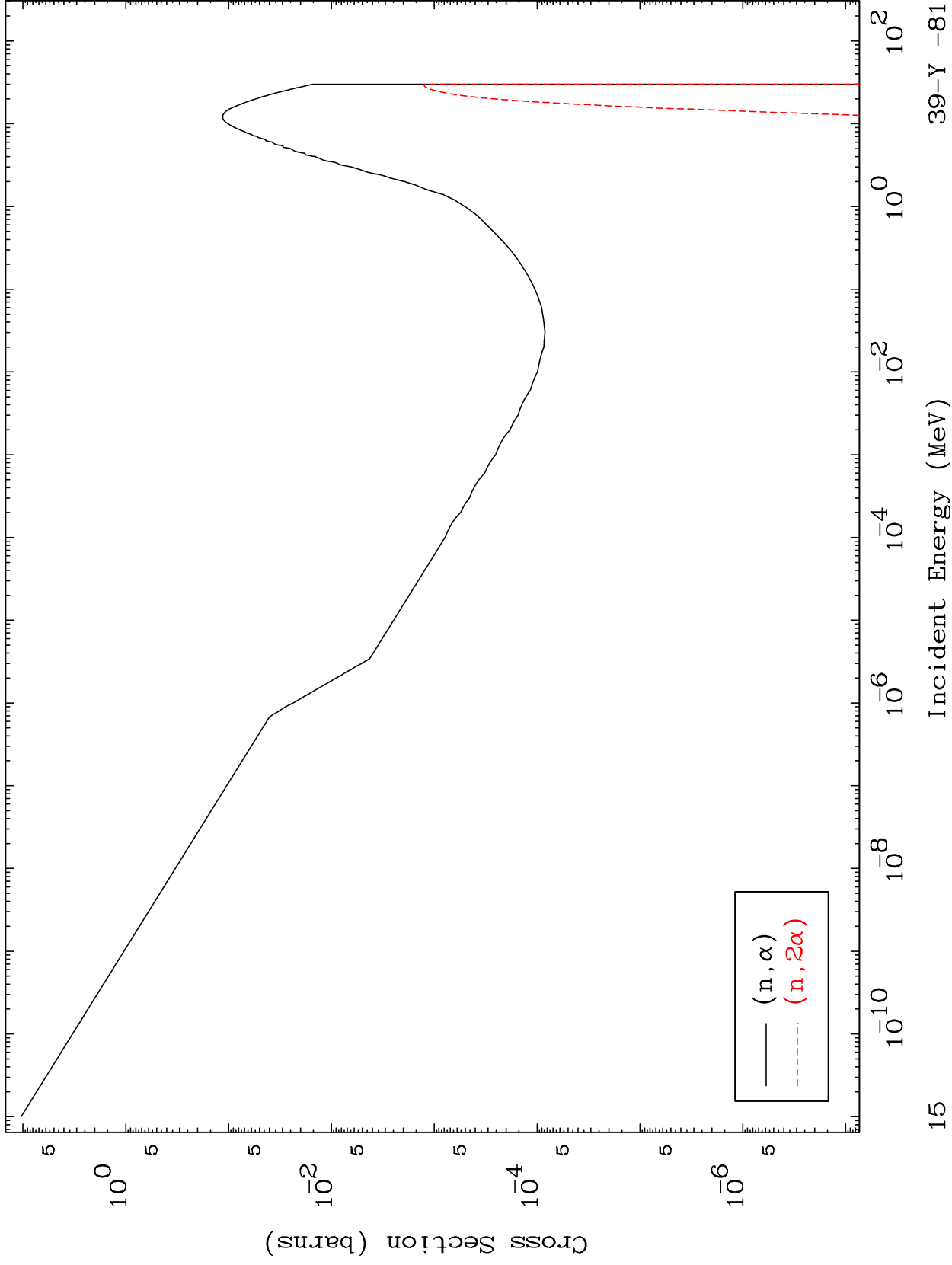
Incident Energy (MeV)

39-Y -81

MAT 3901

(n,α) Levels
293 Kelvin Cross Sections

39-Y -81



15

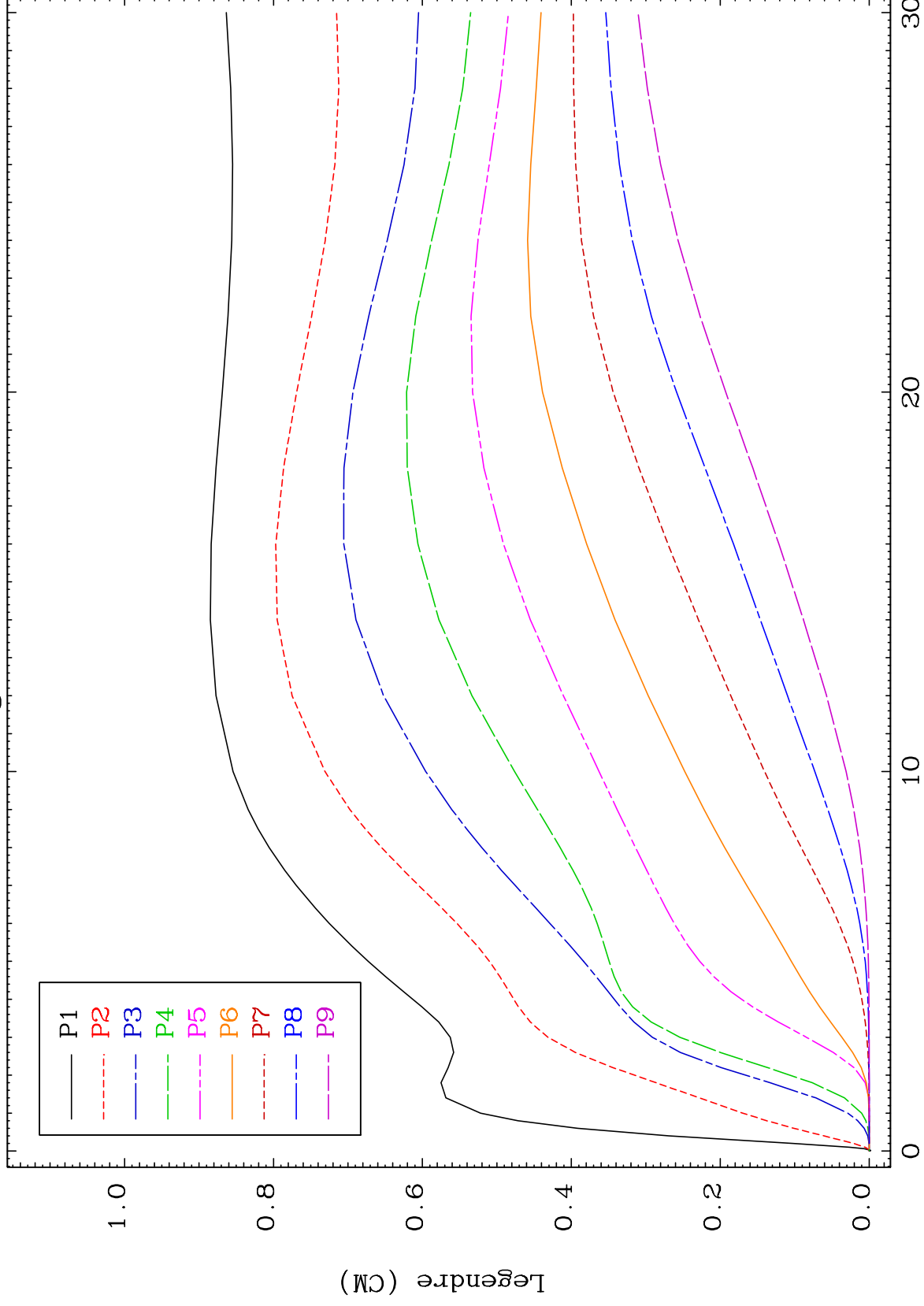
Incident Energy (MeV)

39-Y -81

MAT 3901

Elastic Legendre Coefficients

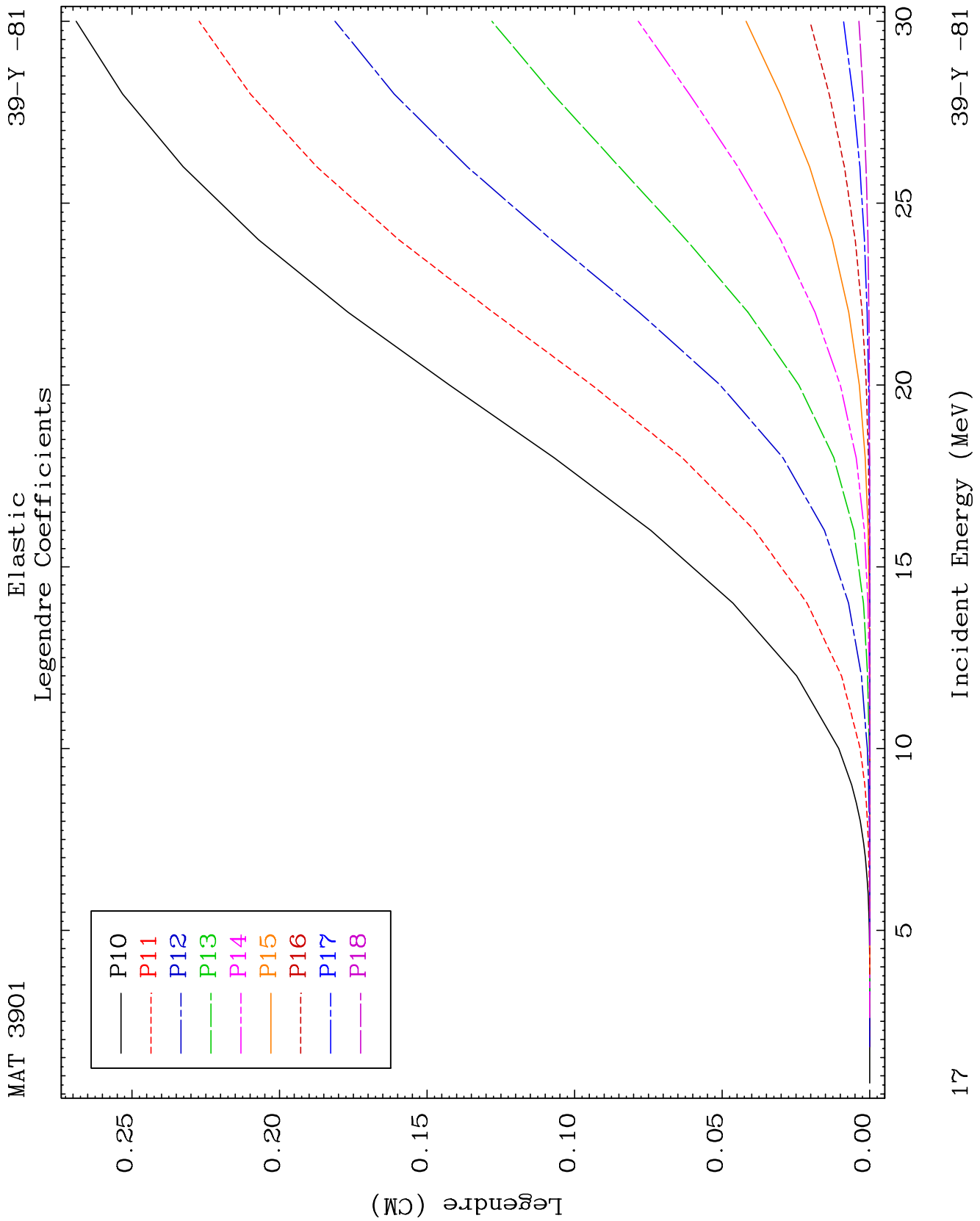
39-Y -81



16

Incident Energy (MeV)

39-Y -81



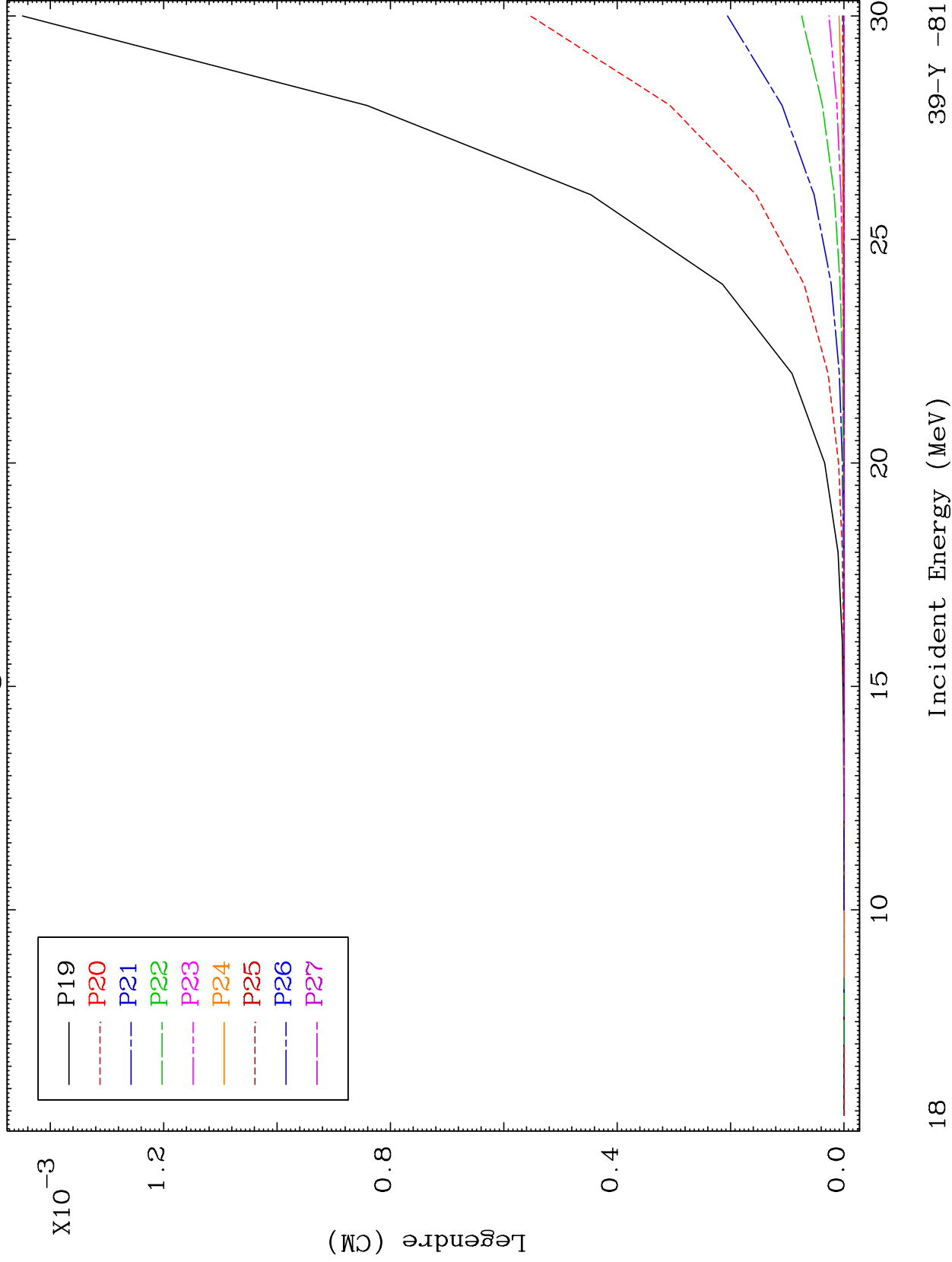
39-Y -81

39-Y -81

MAT 3901

Elastic Legendre Coefficients

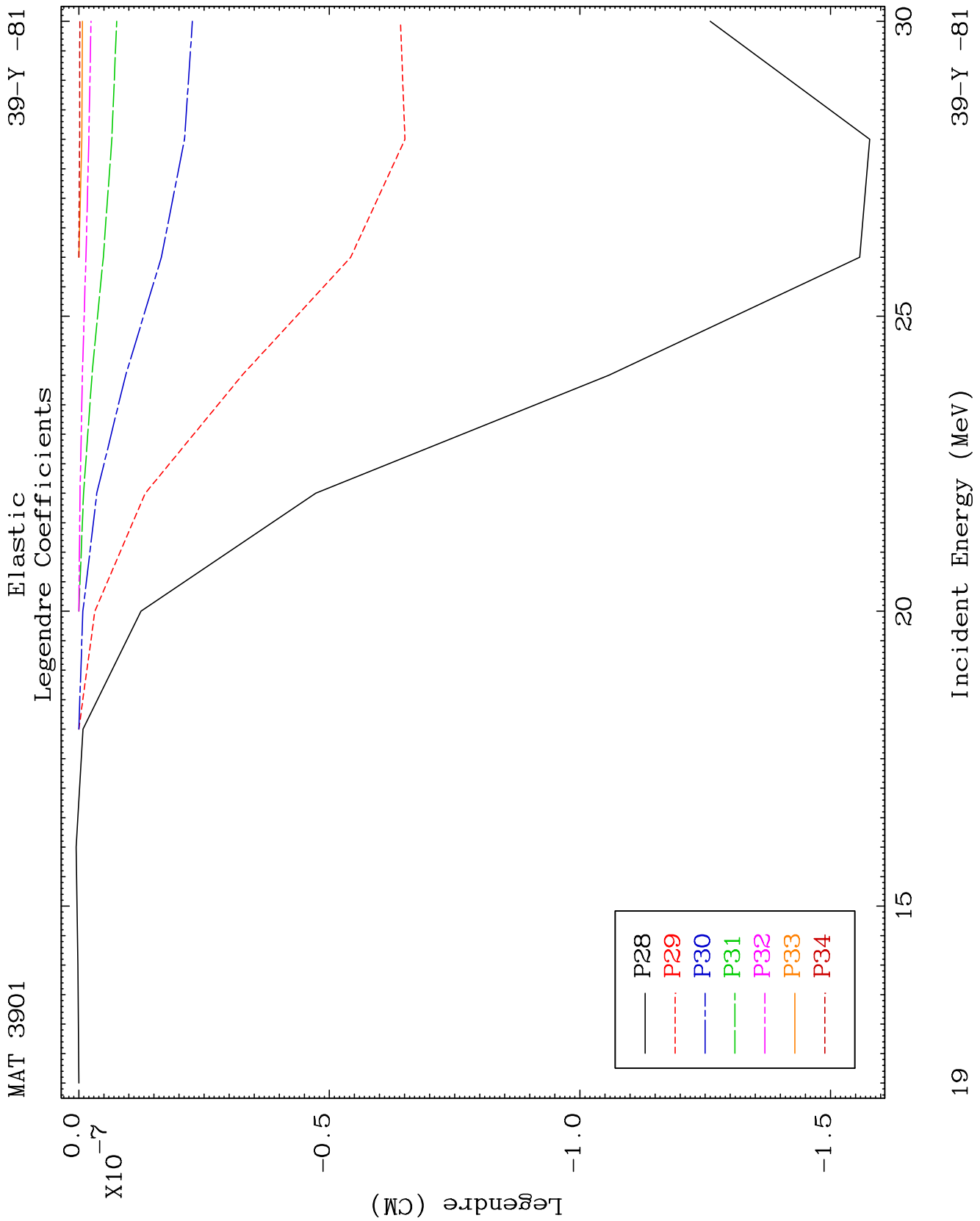
39-Y -81



18

Incident Energy (MeV)

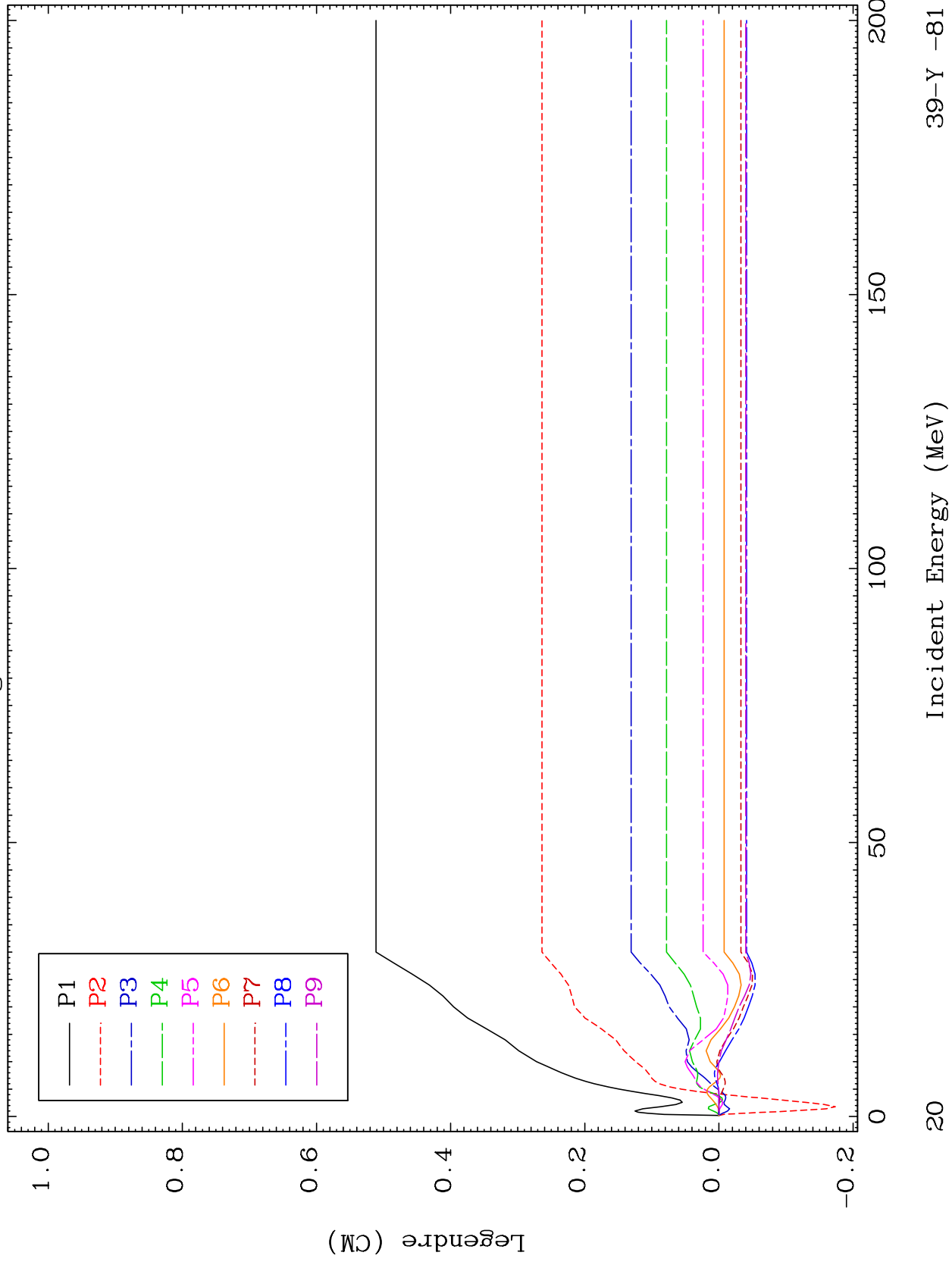
39-Y -81



MAT 3901

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

39-Y -81



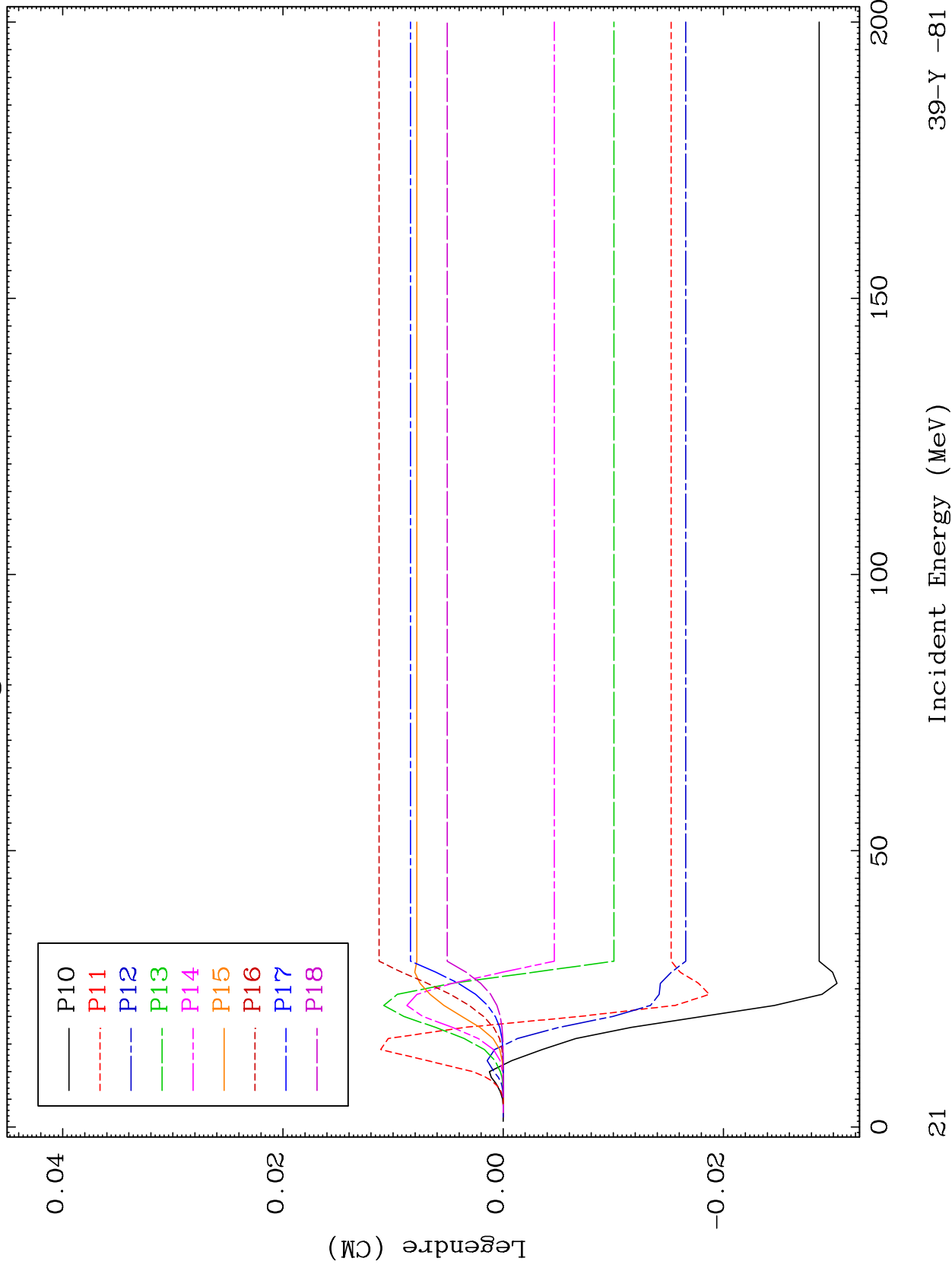
39-Y -81

Incident Energy (MeV)

MAT 3901

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

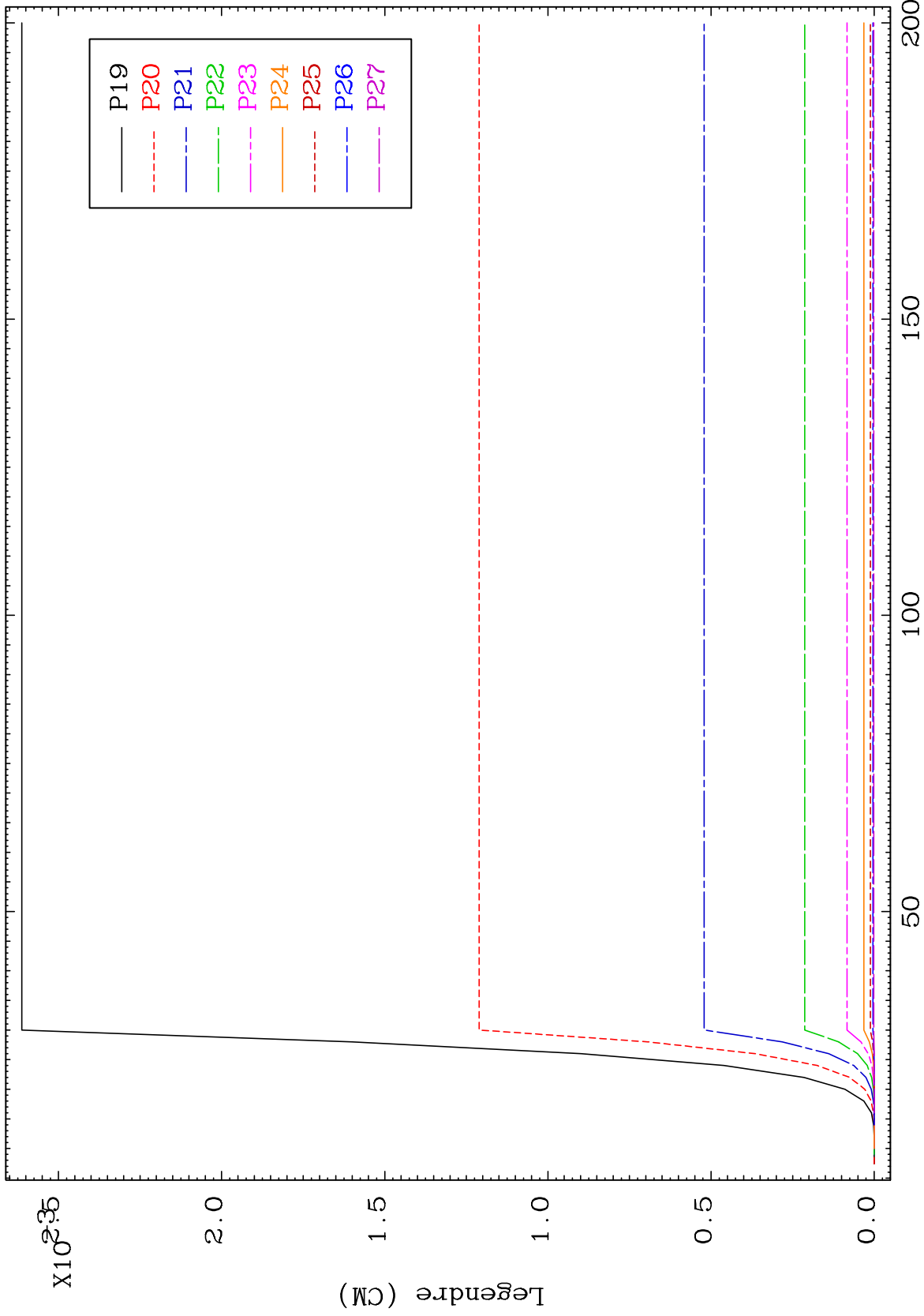
39-Y -81



21

Incident Energy (MeV)

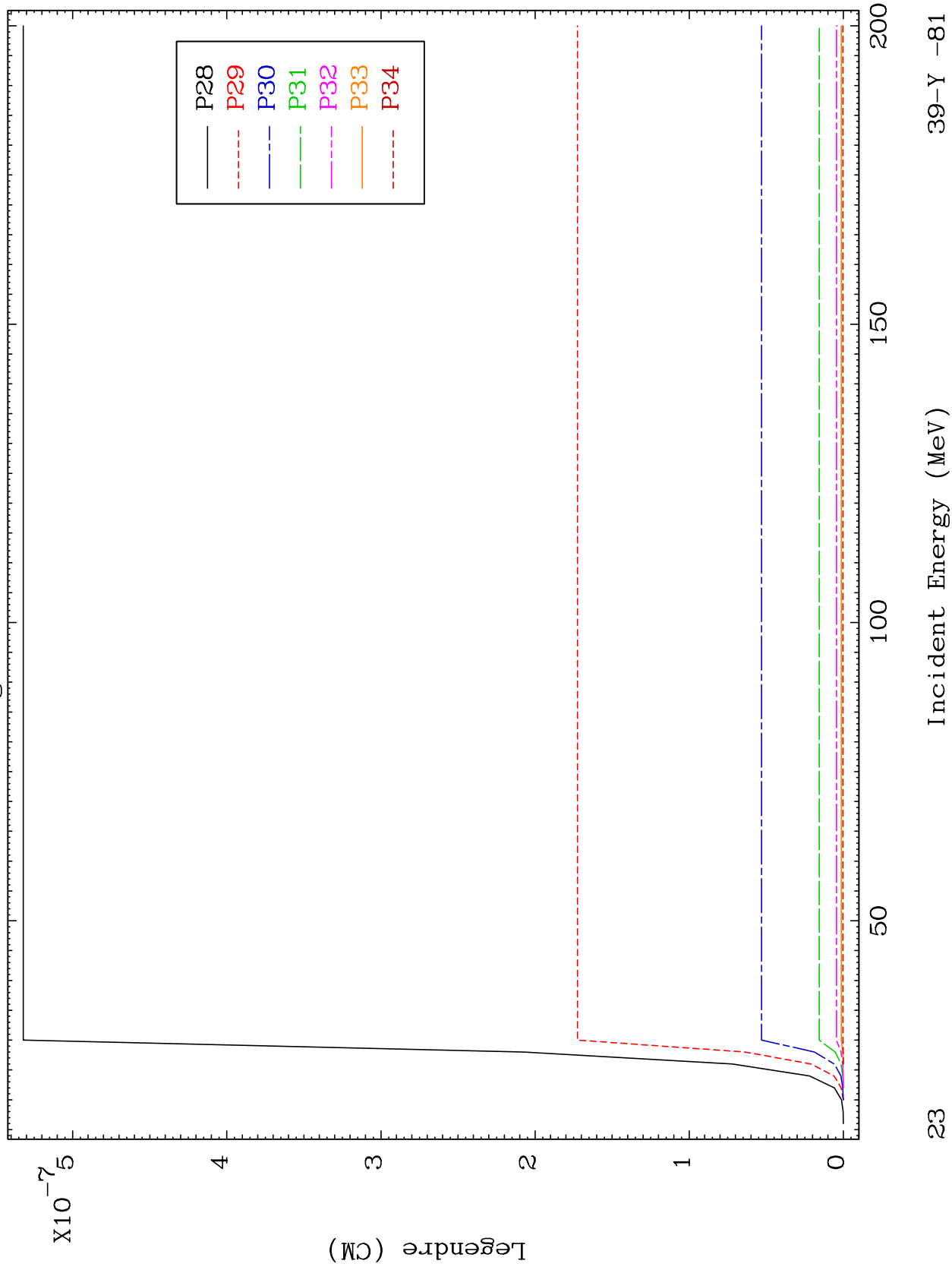
39-Y -81



MAT 3901

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

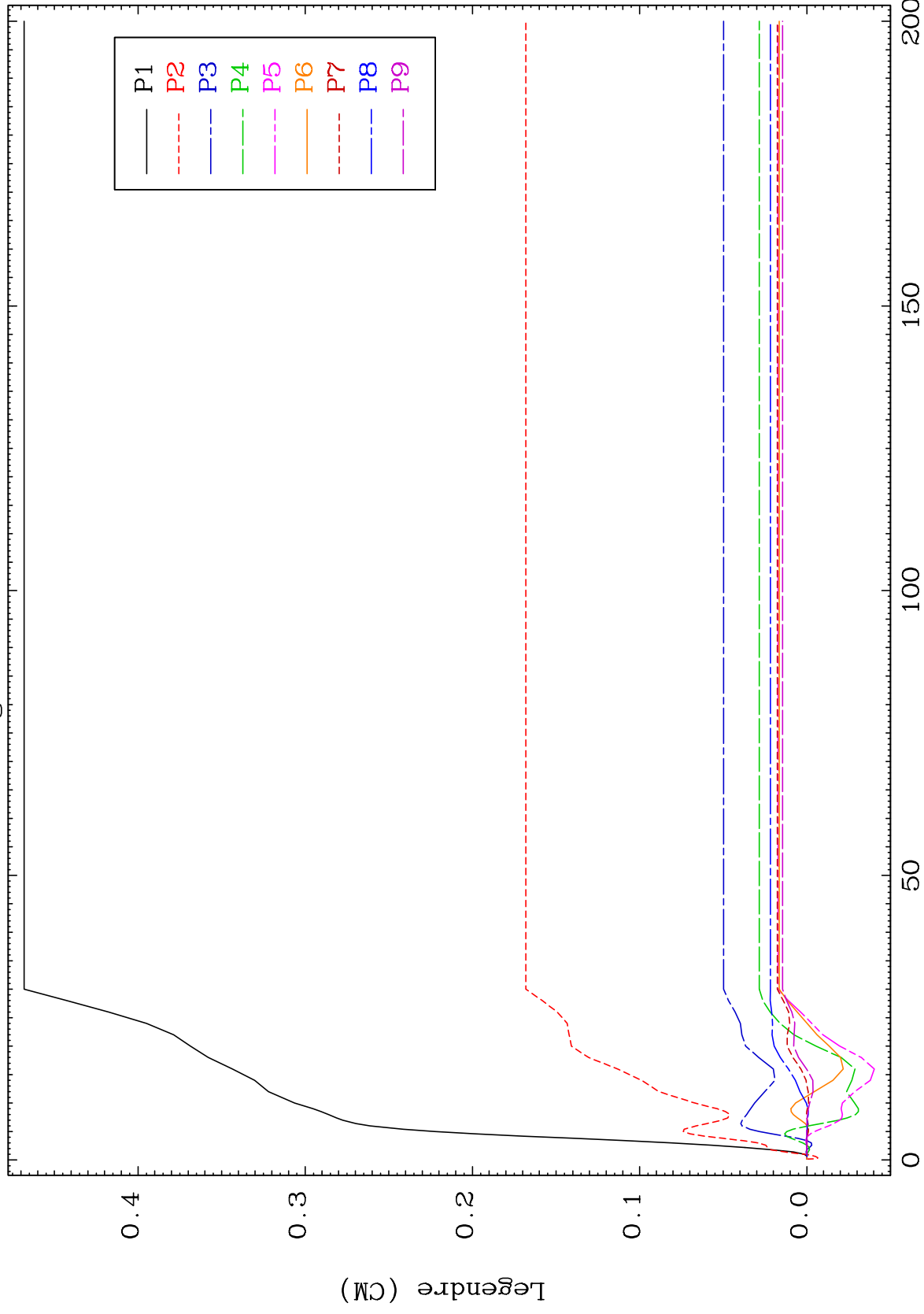
39-Y -81



MAT 3901

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

39-Y -81



24

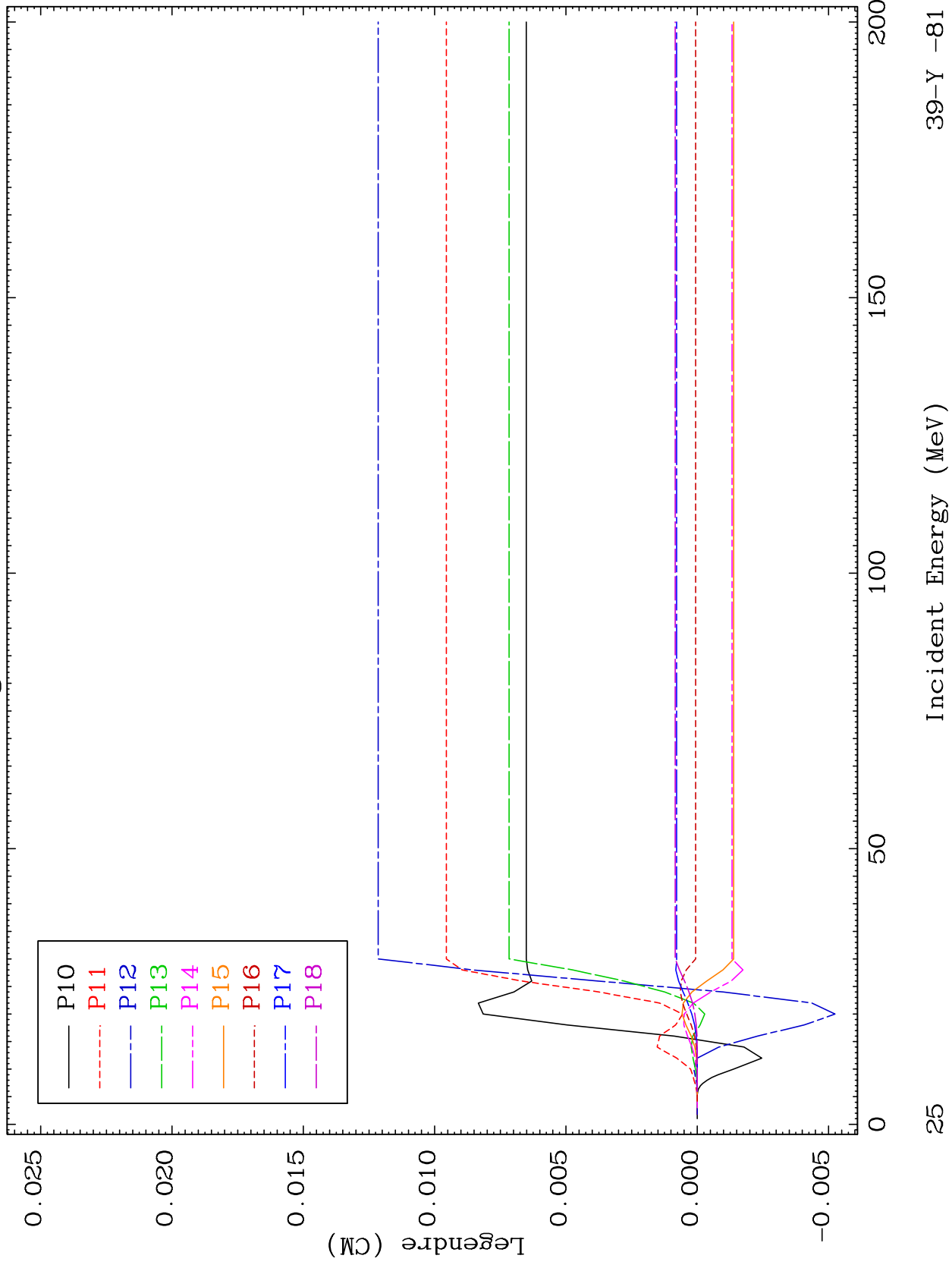
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81

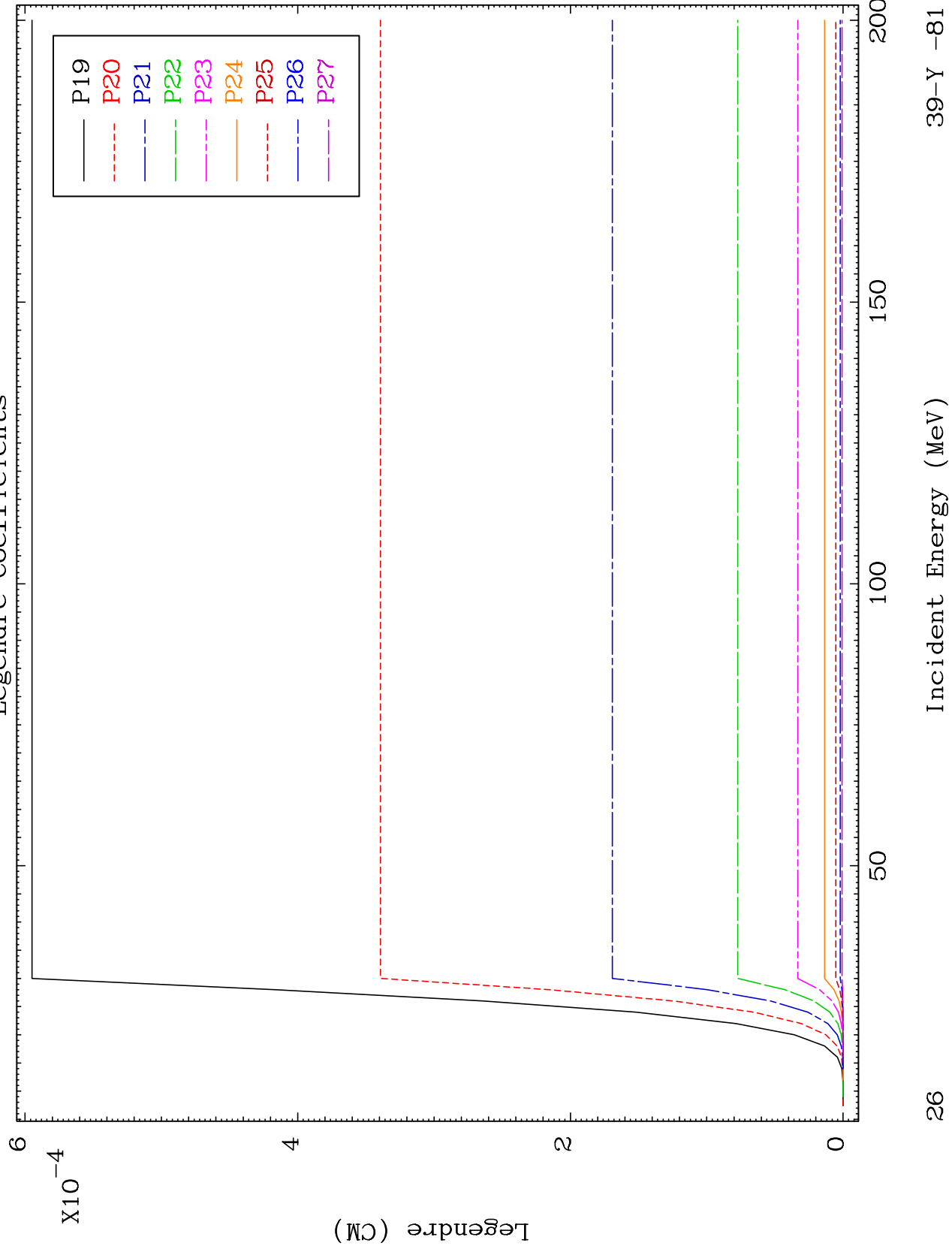


39-Y -81

MAT 3901

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

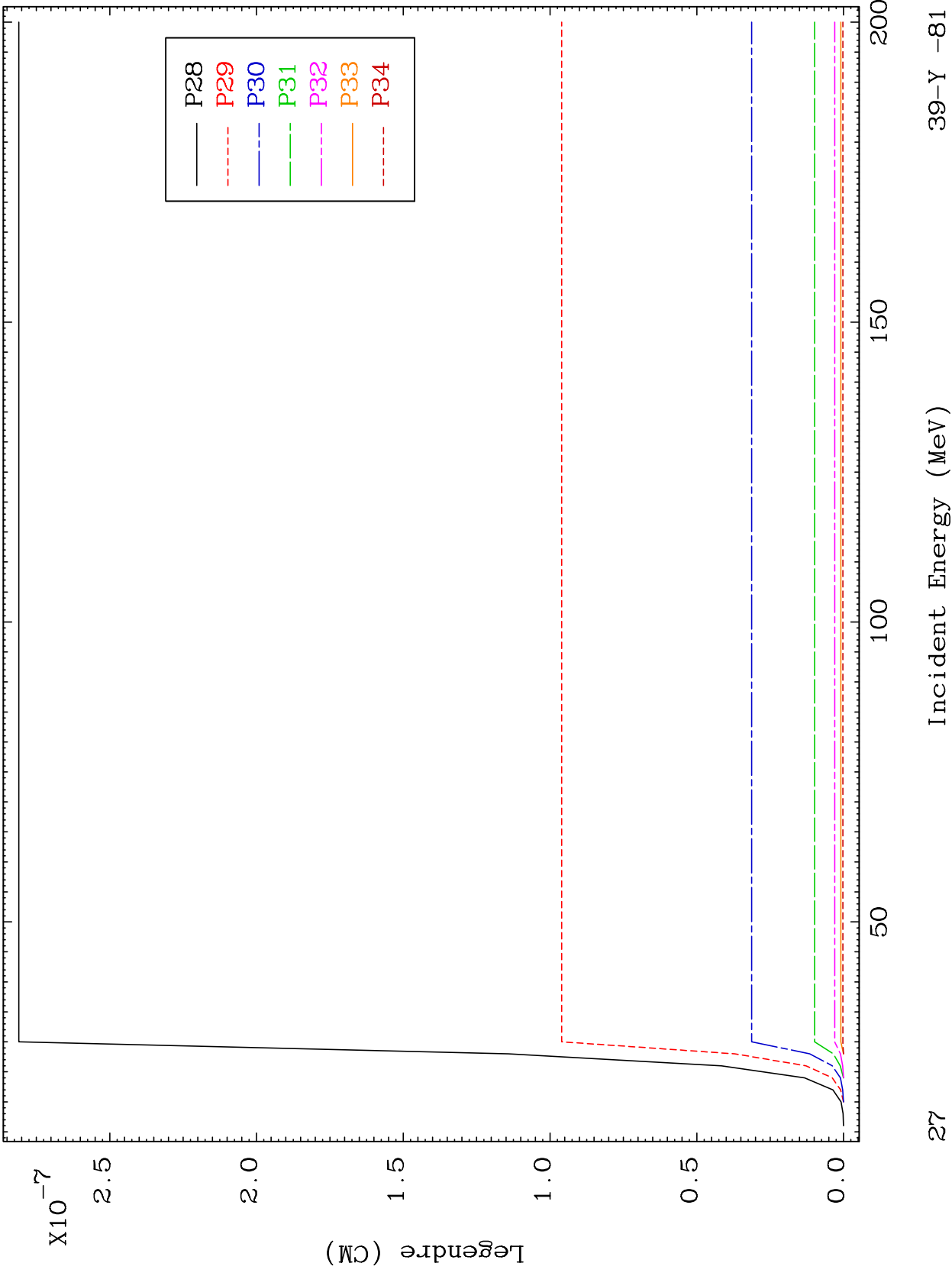
39-Y -81



MAT 3901

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

39-Y -81



27

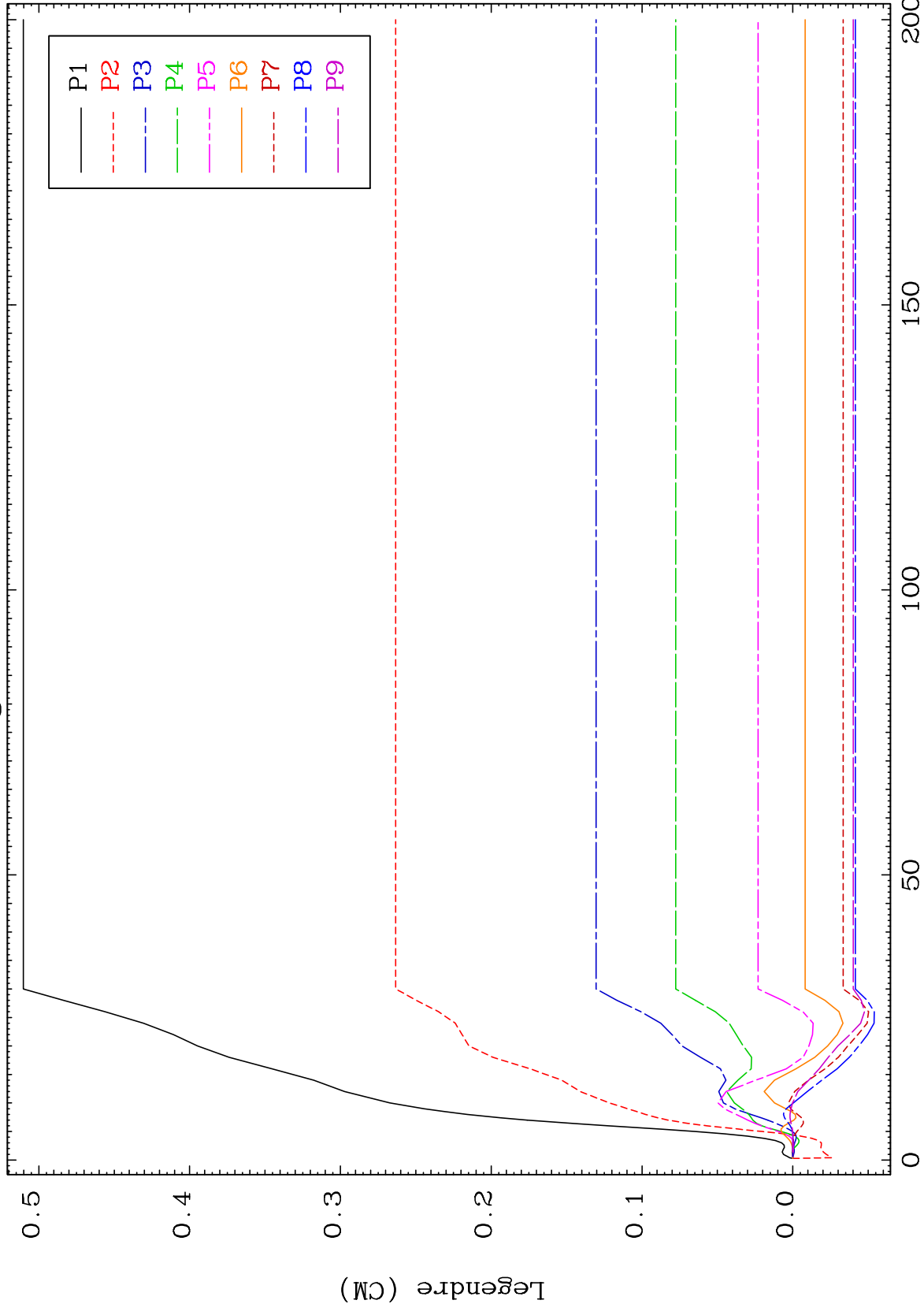
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



28

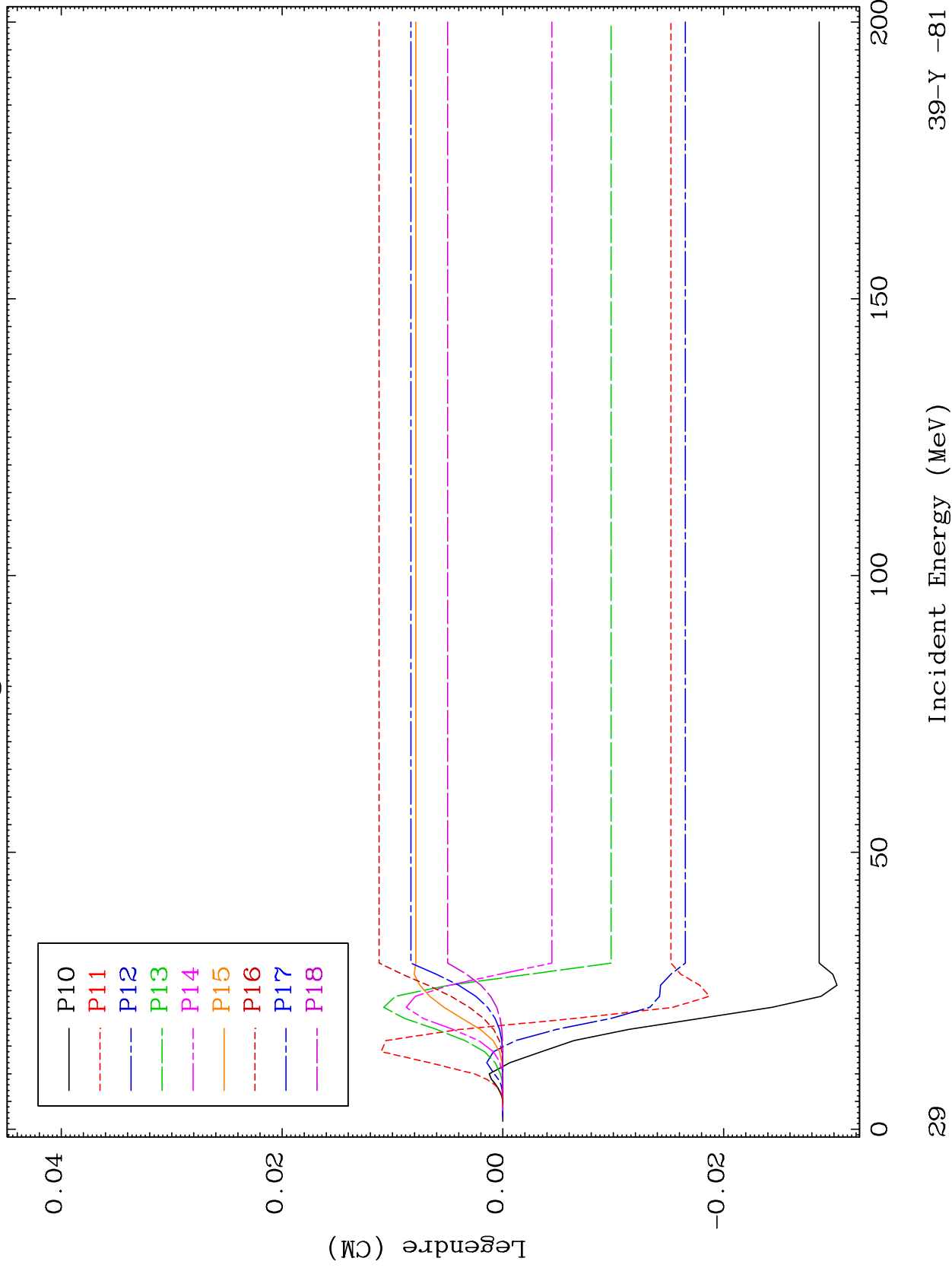
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



29

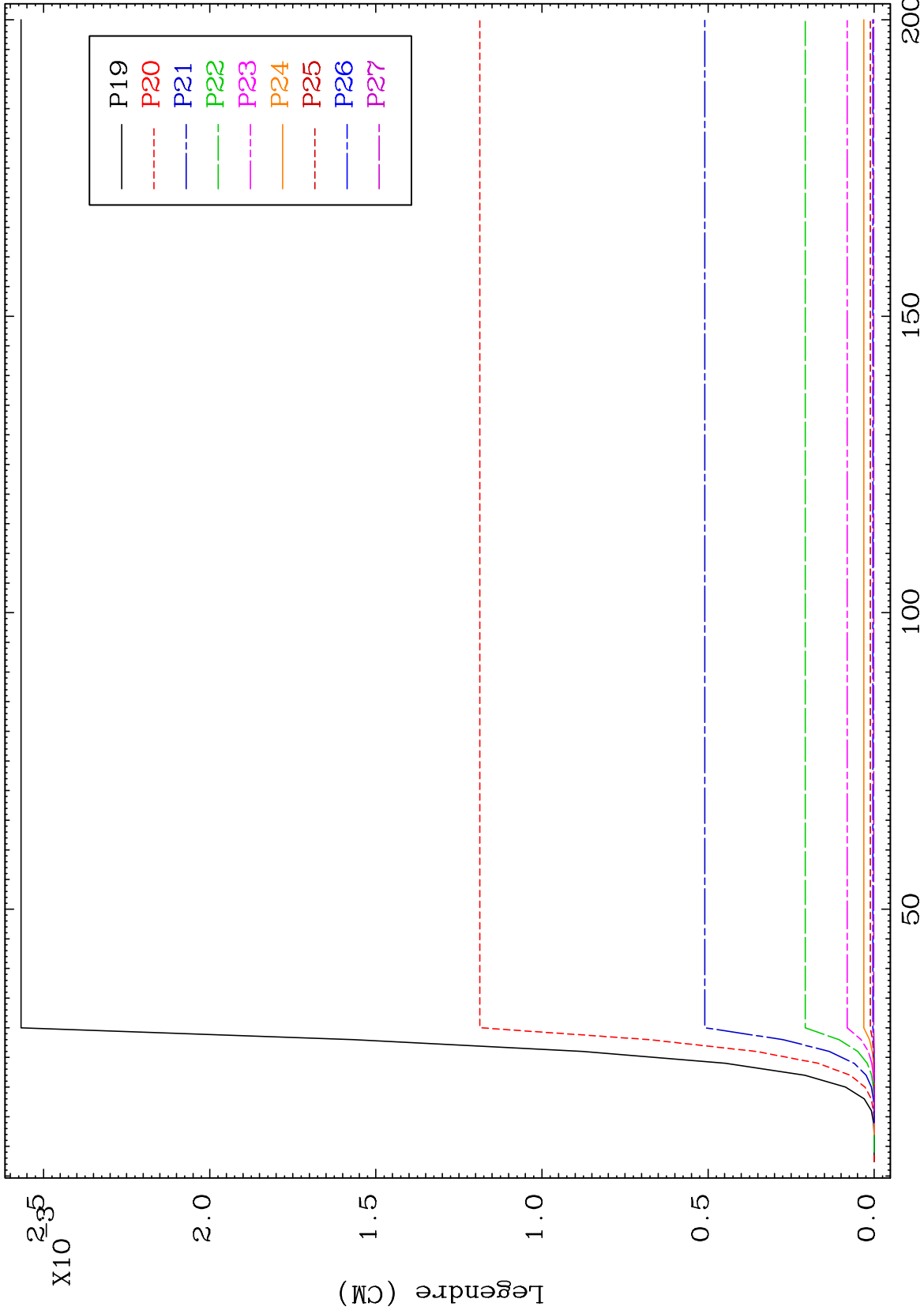
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



30

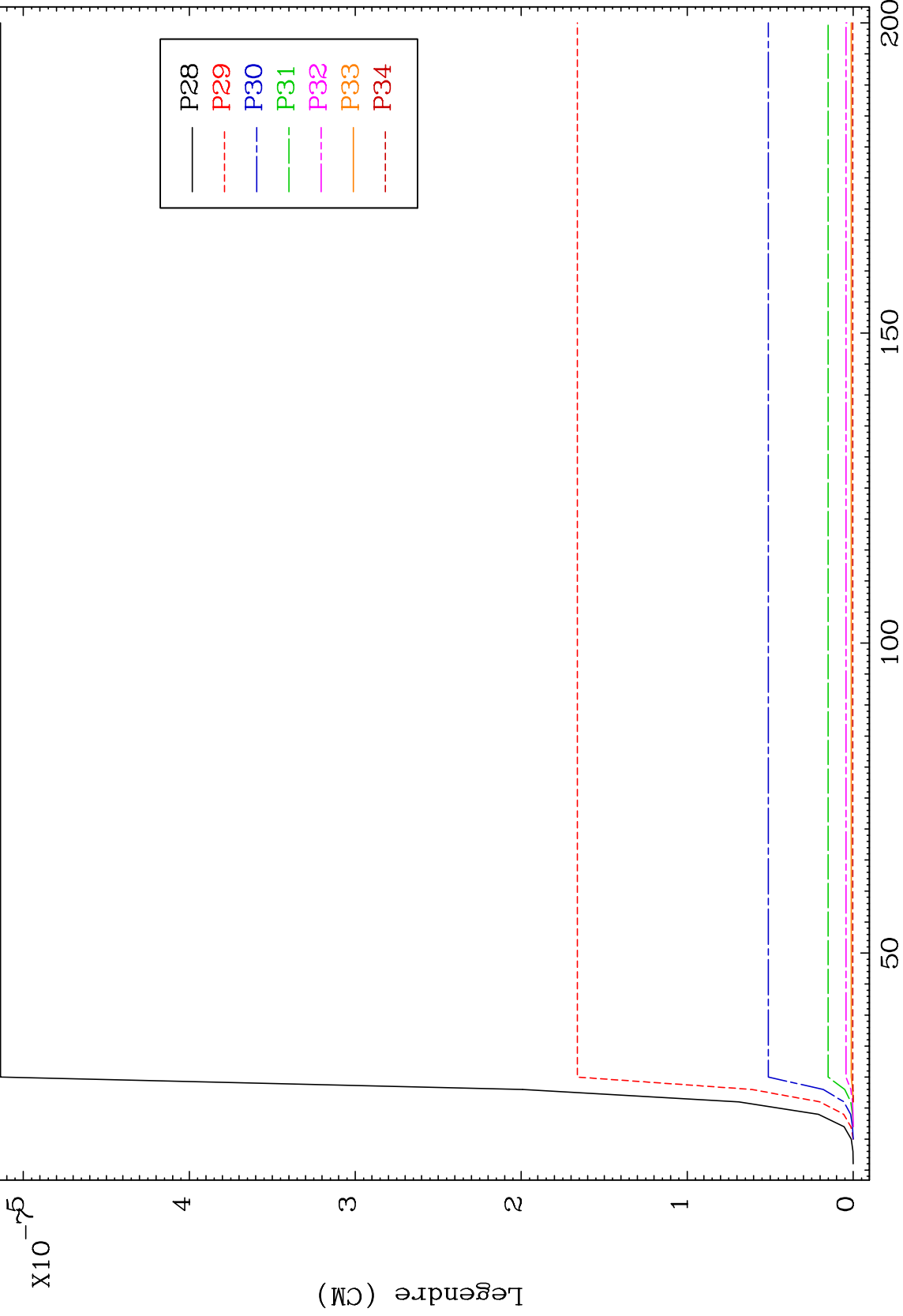
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



31

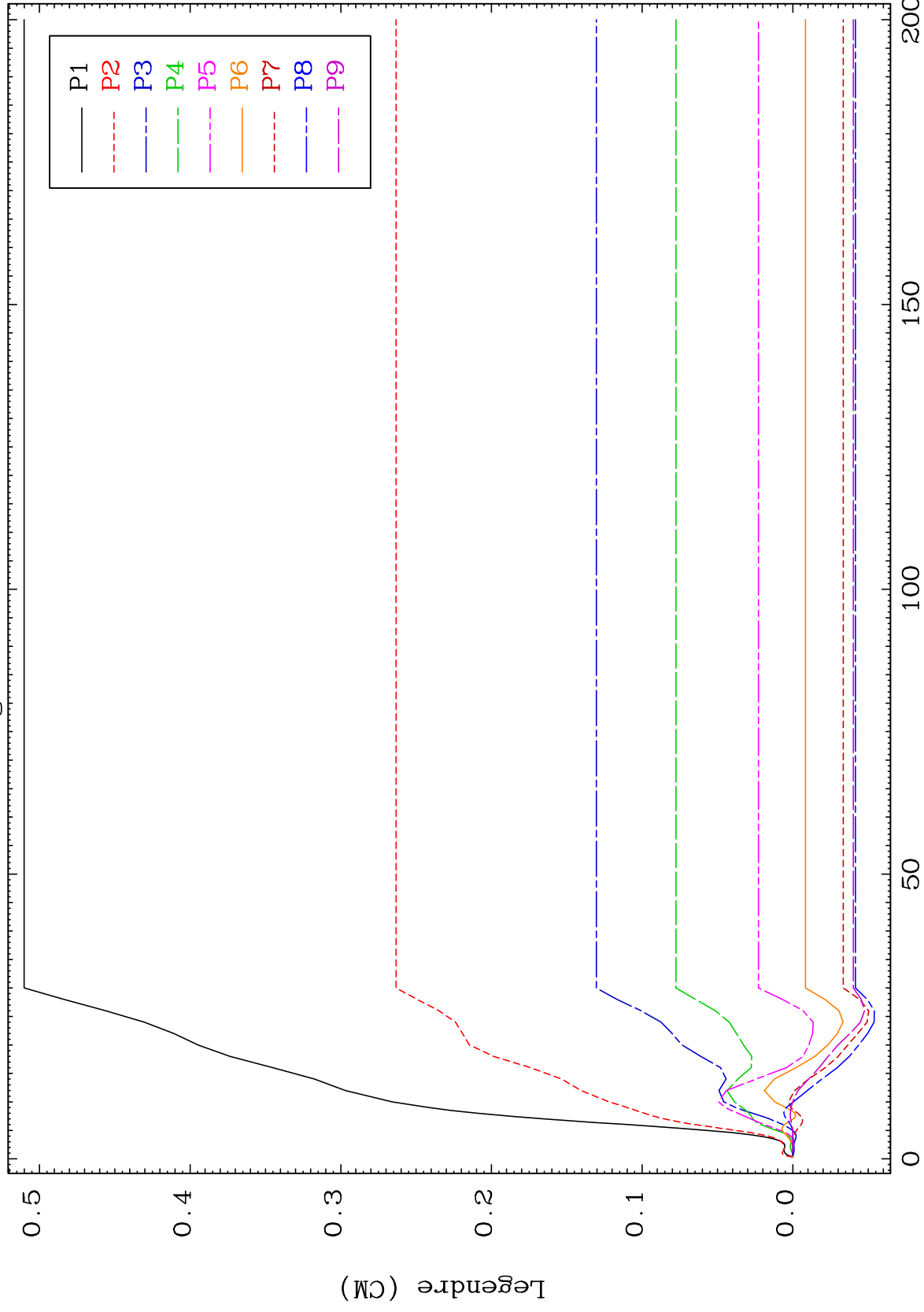
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



32

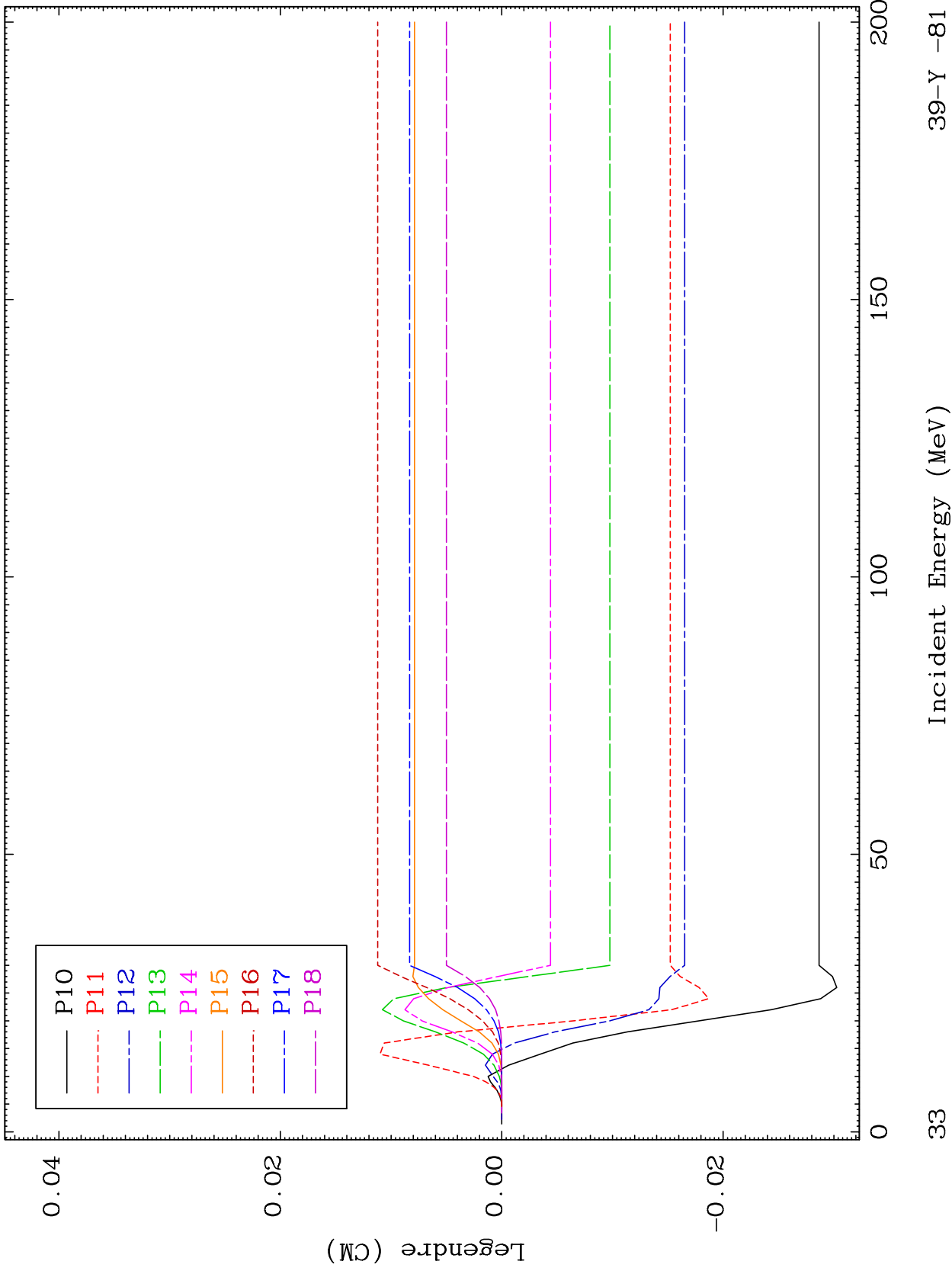
Incident Energy (MeV)

39-Y -81

MAT 3901

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

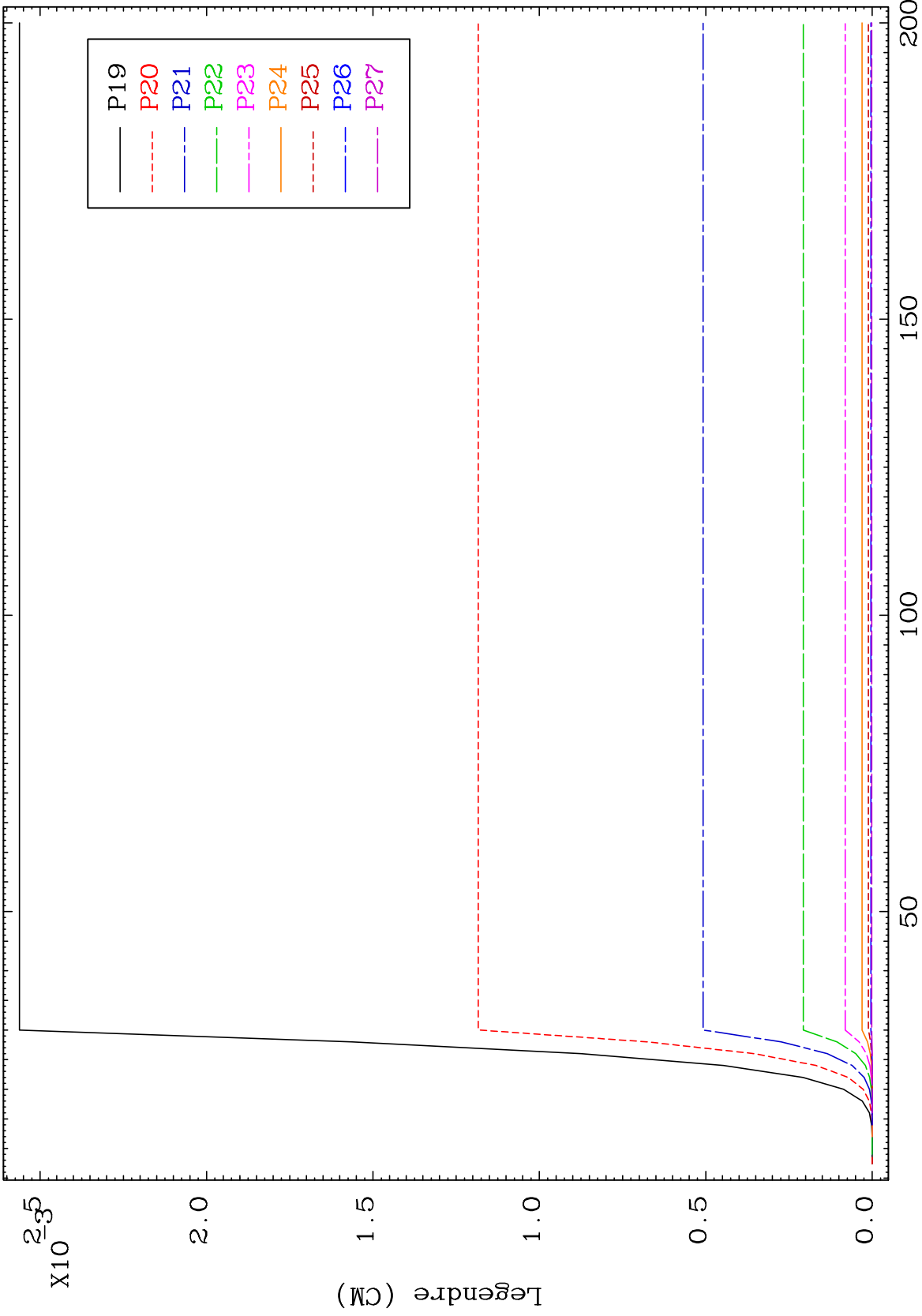
39-Y -81



33

Incident Energy (MeV)

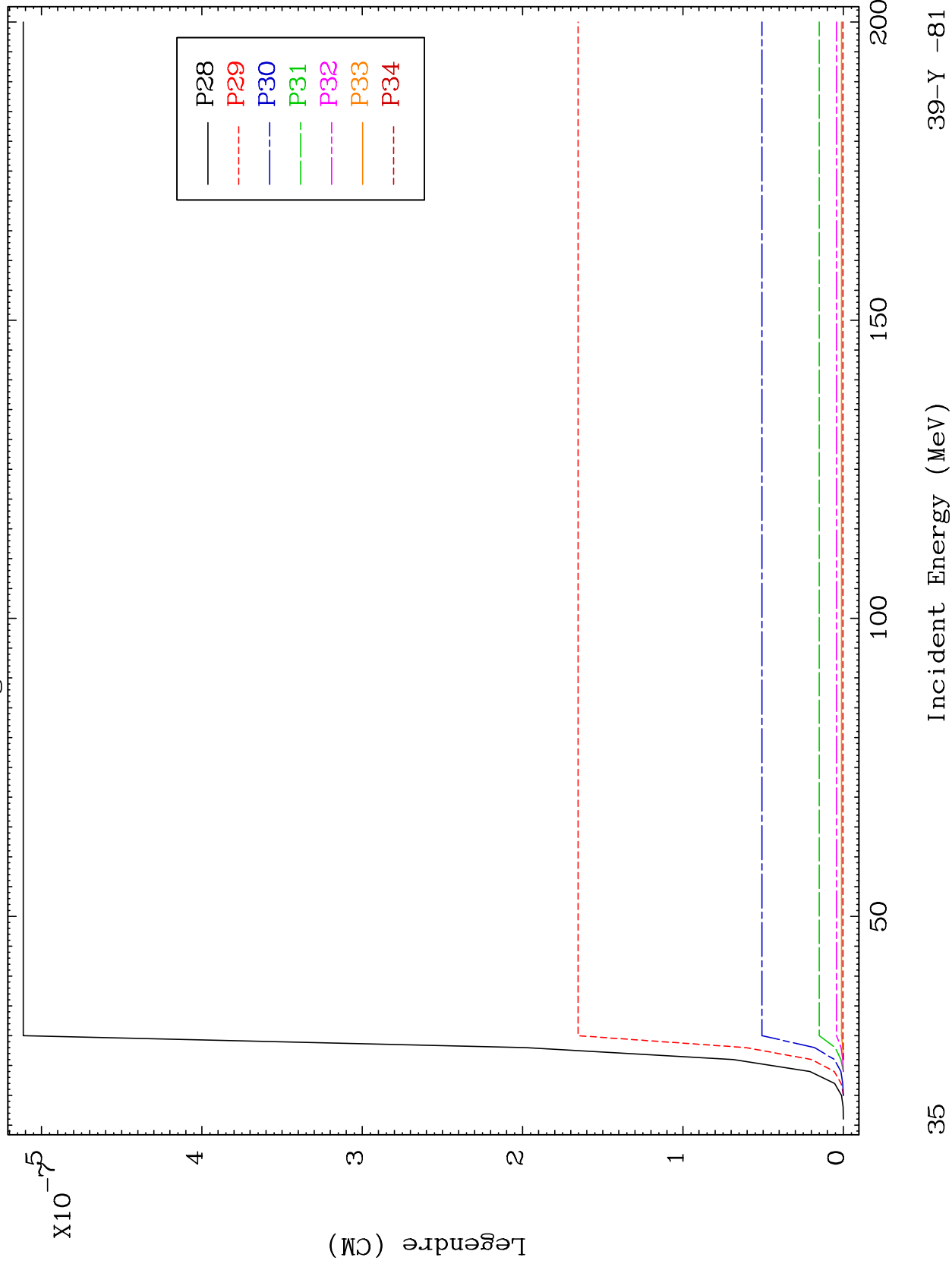
39-Y -81



MAT 3901

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

39-Y -81



35

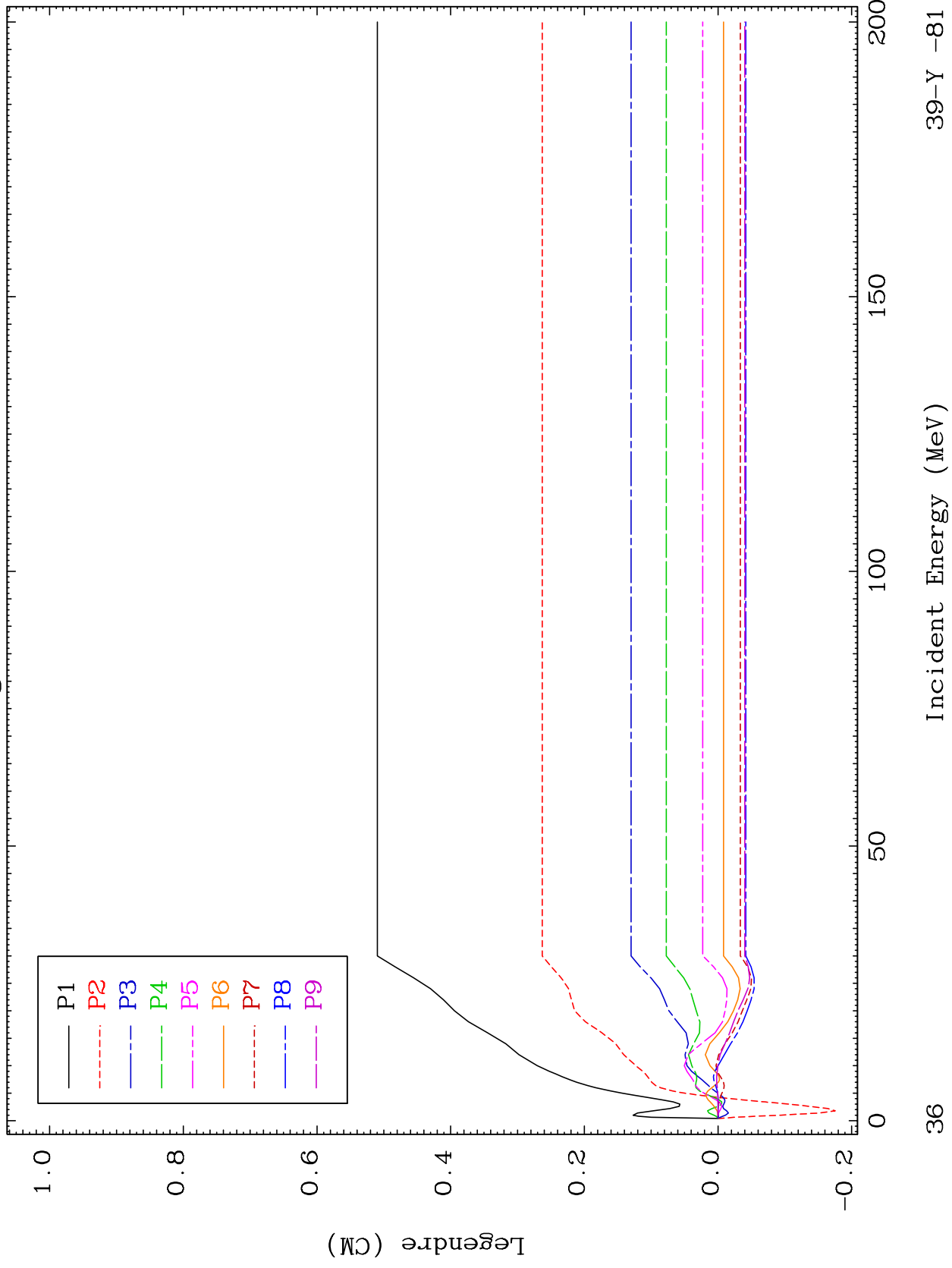
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



36

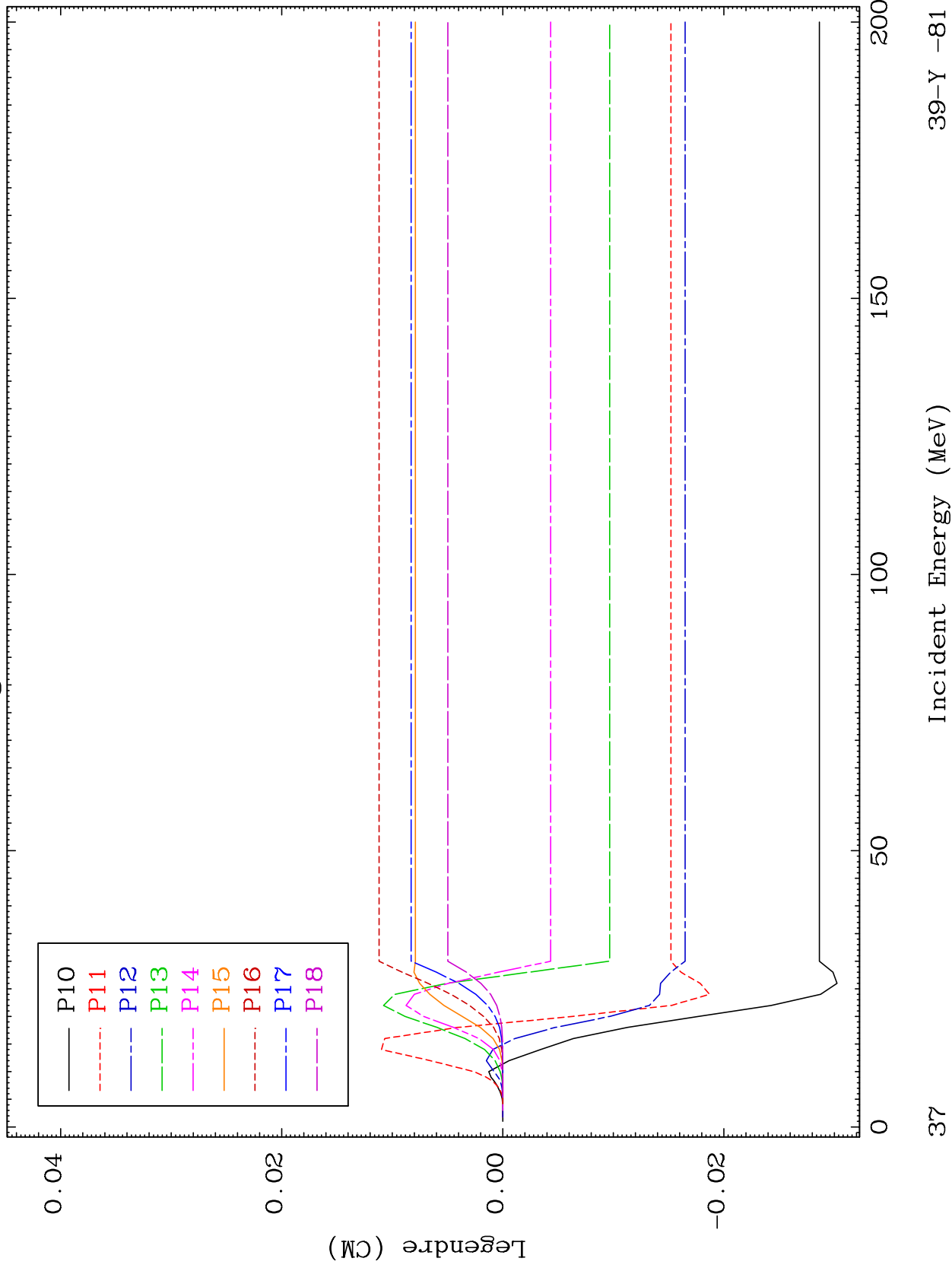
Incident Energy (MeV)

39-Y -81

MAT 3901

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

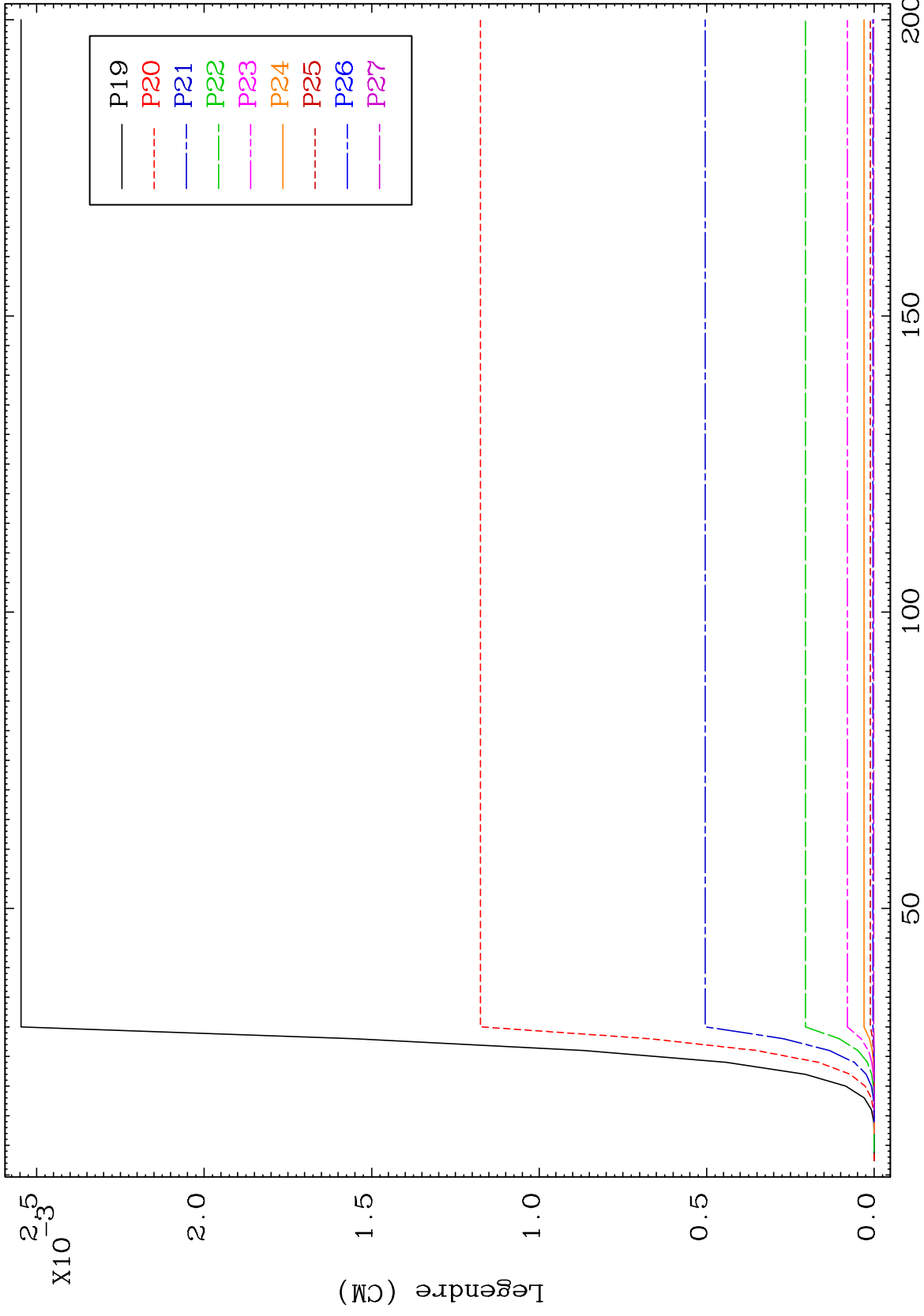
39-Y -81



37

Incident Energy (MeV)

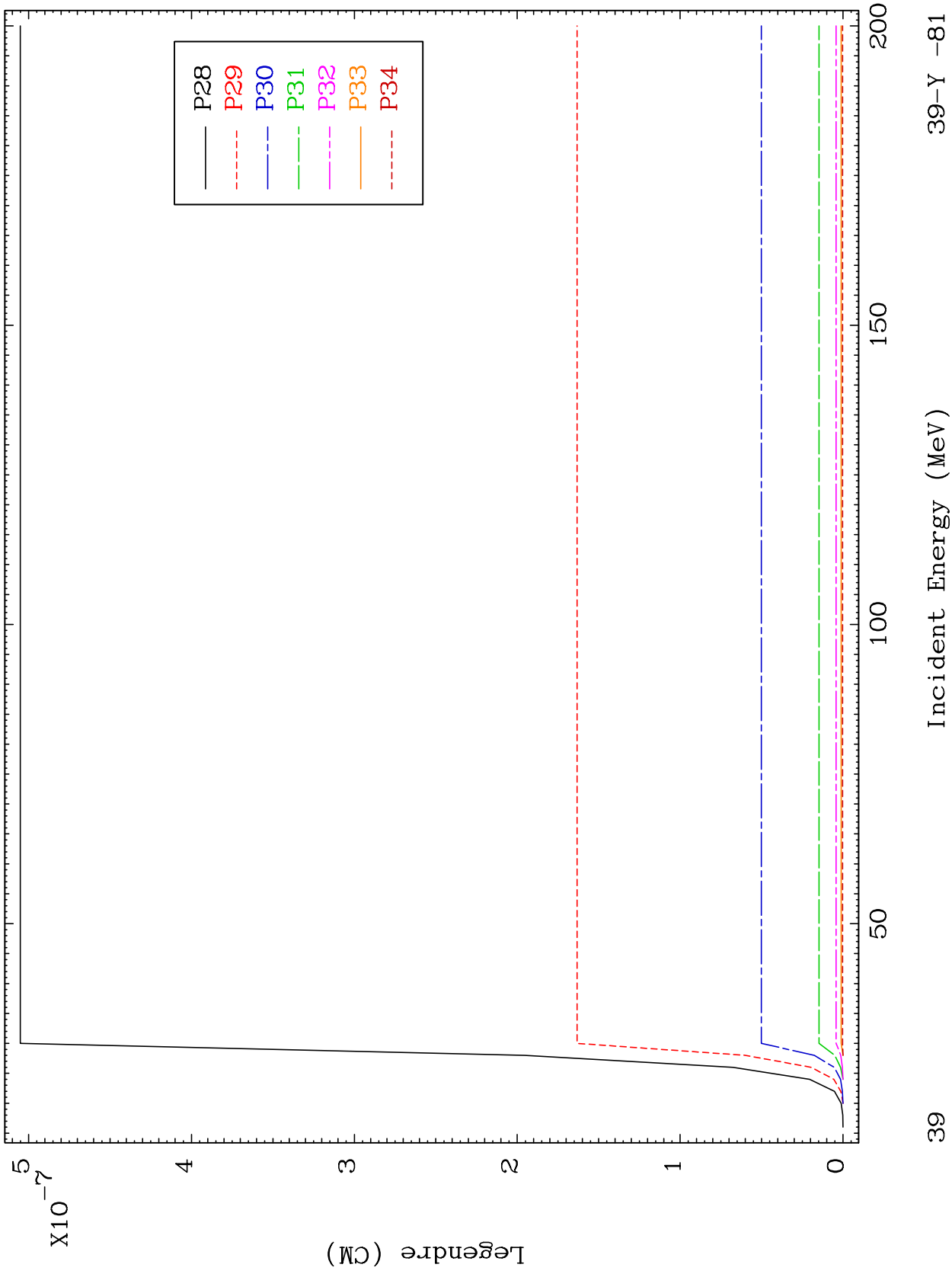
39-Y -81



MAT 3901

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

39-Y -81



39

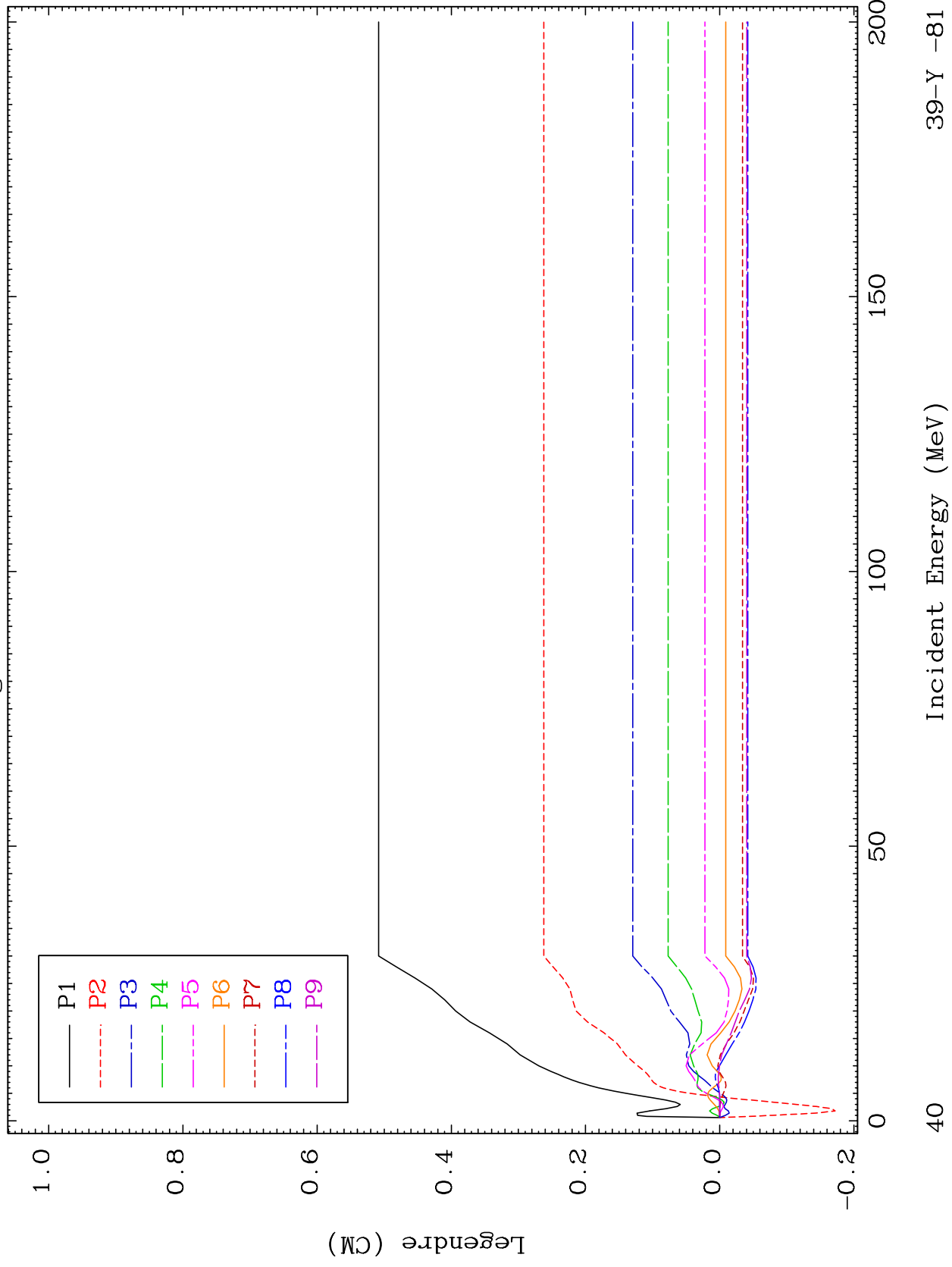
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



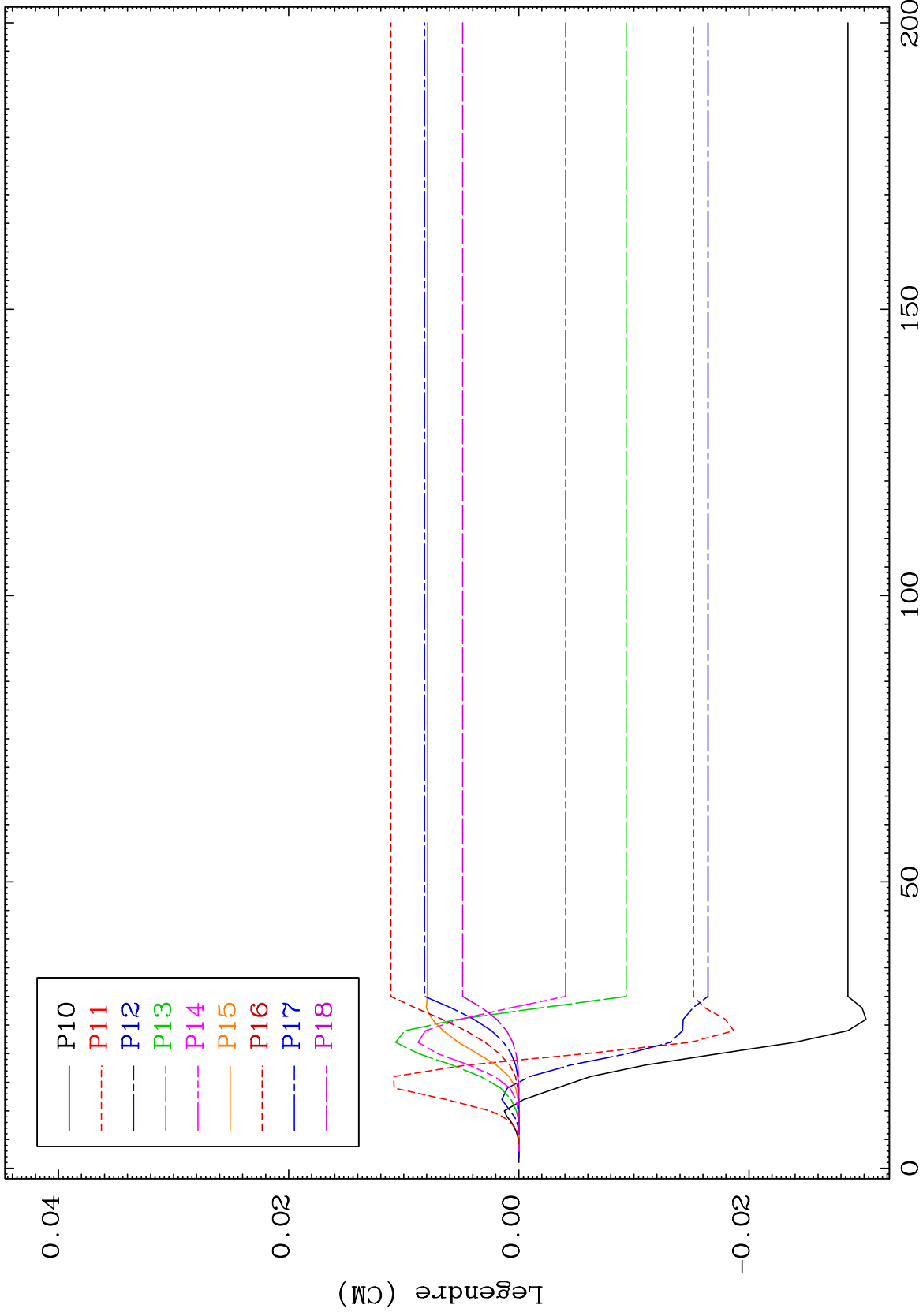
39-Y -81

Incident Energy (MeV)

MAT 3901

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

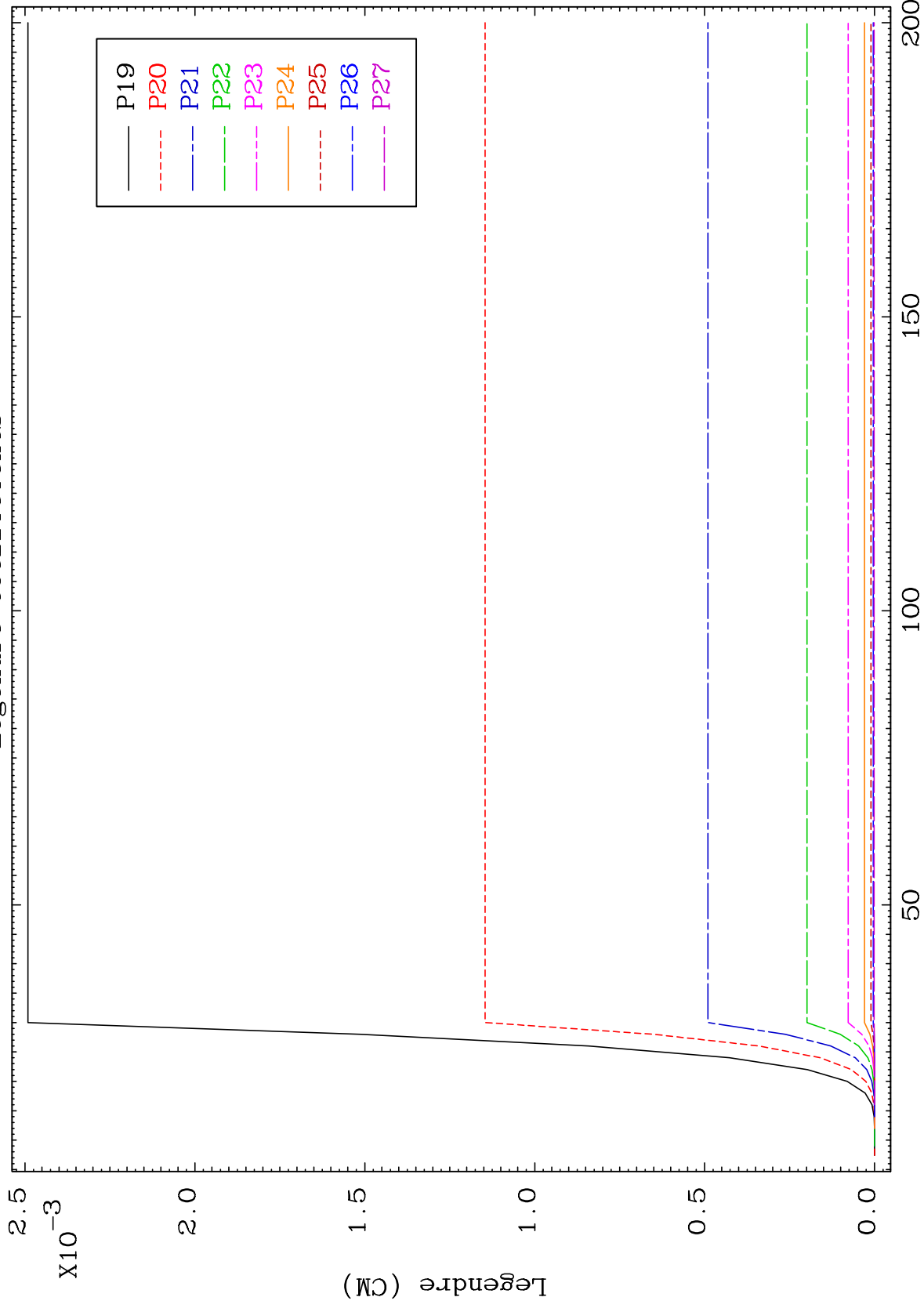
39-Y -81



41

Incident Energy (MeV)

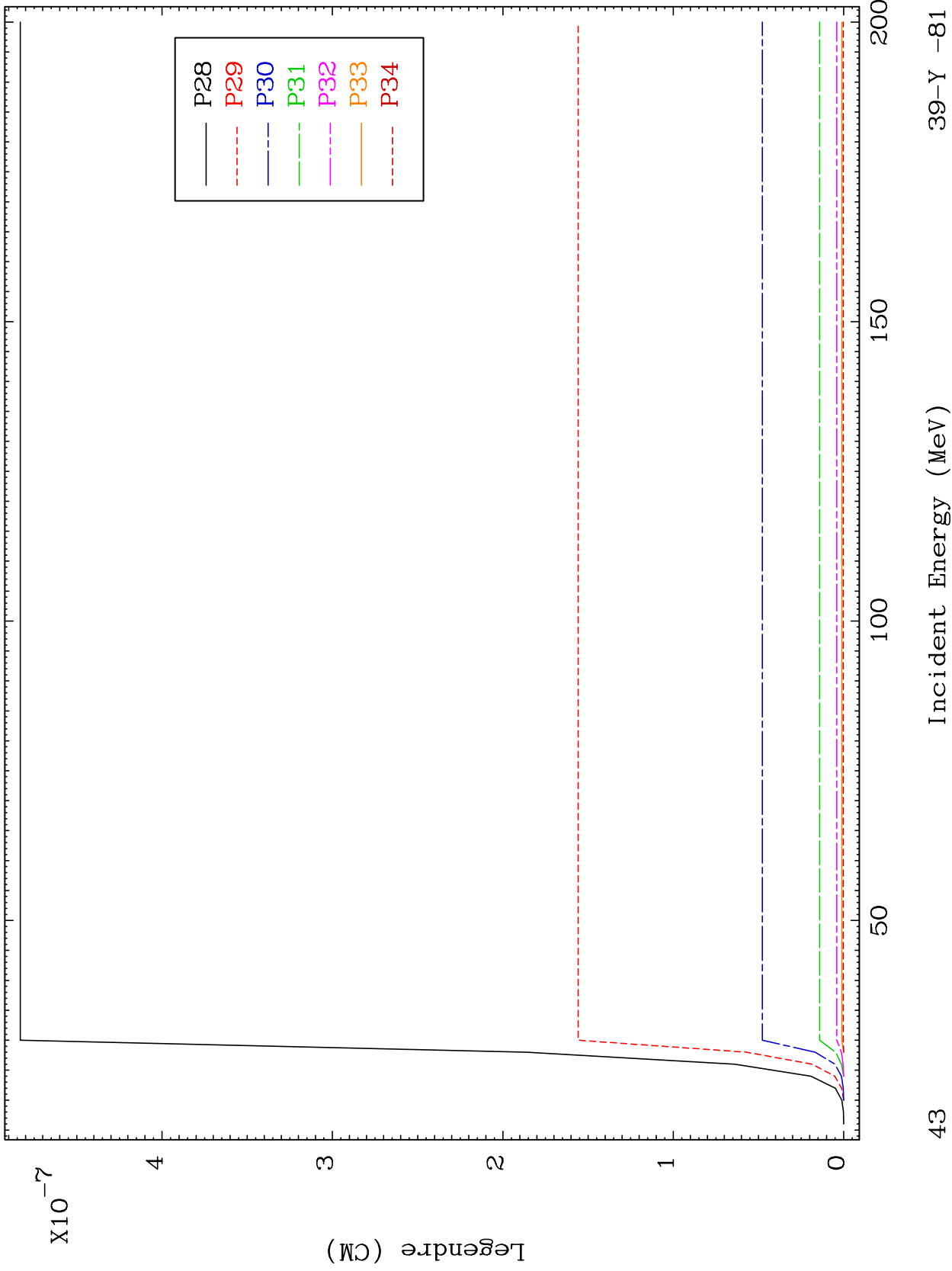
39-Y -81



MAT 3901

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

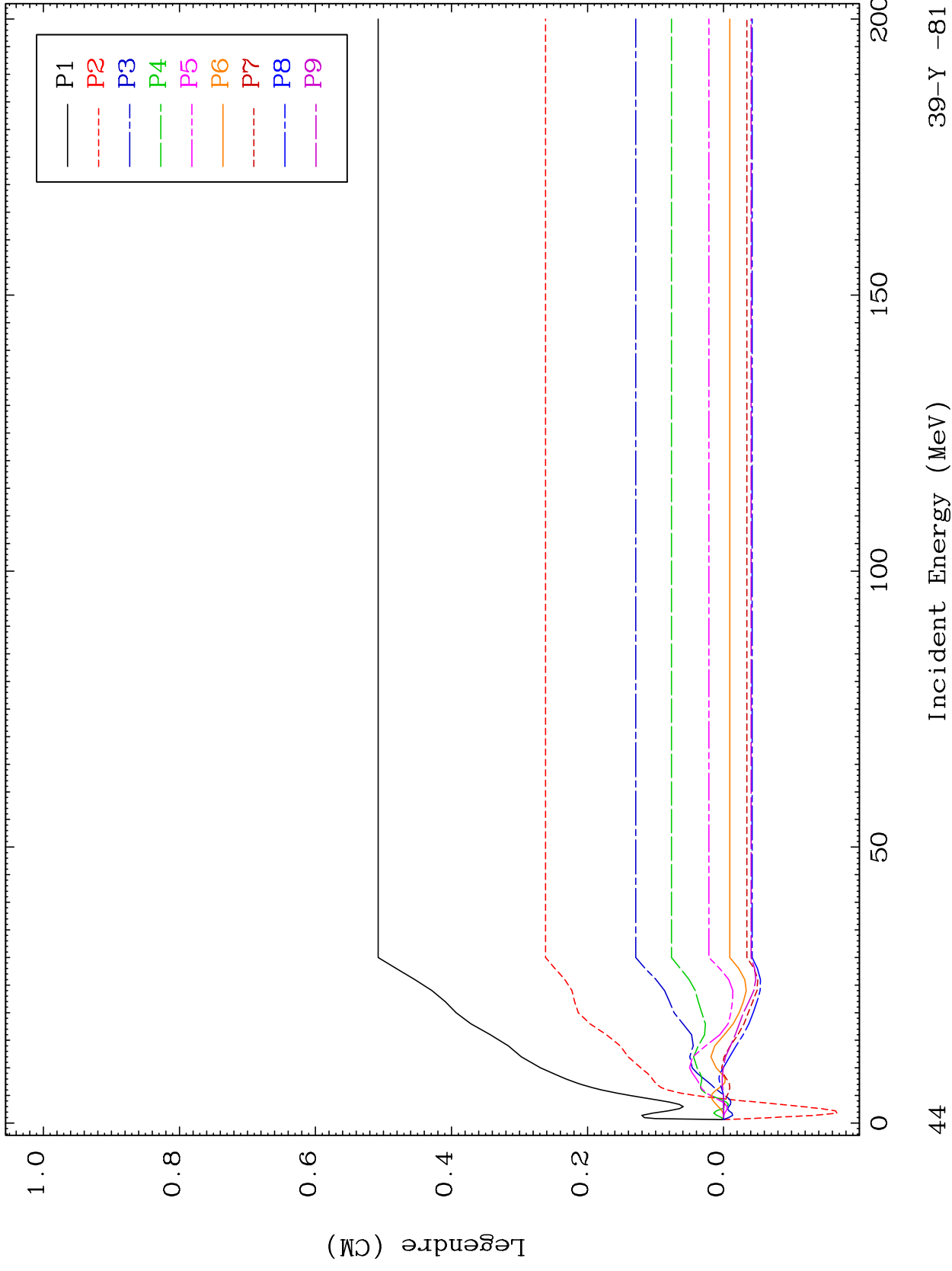
39-Y -81



MAT 3901

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

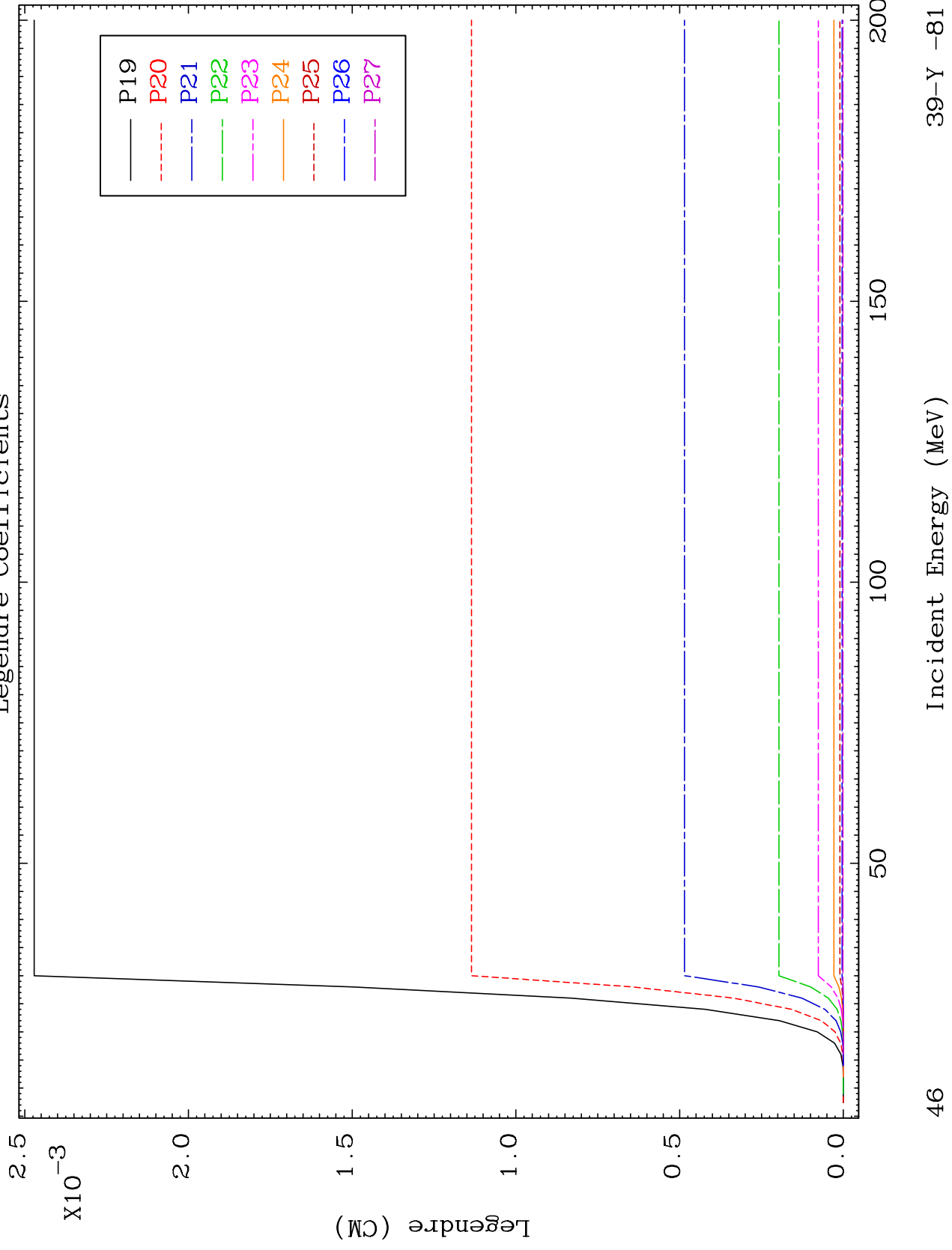
39-Y -81



MAT 3901

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

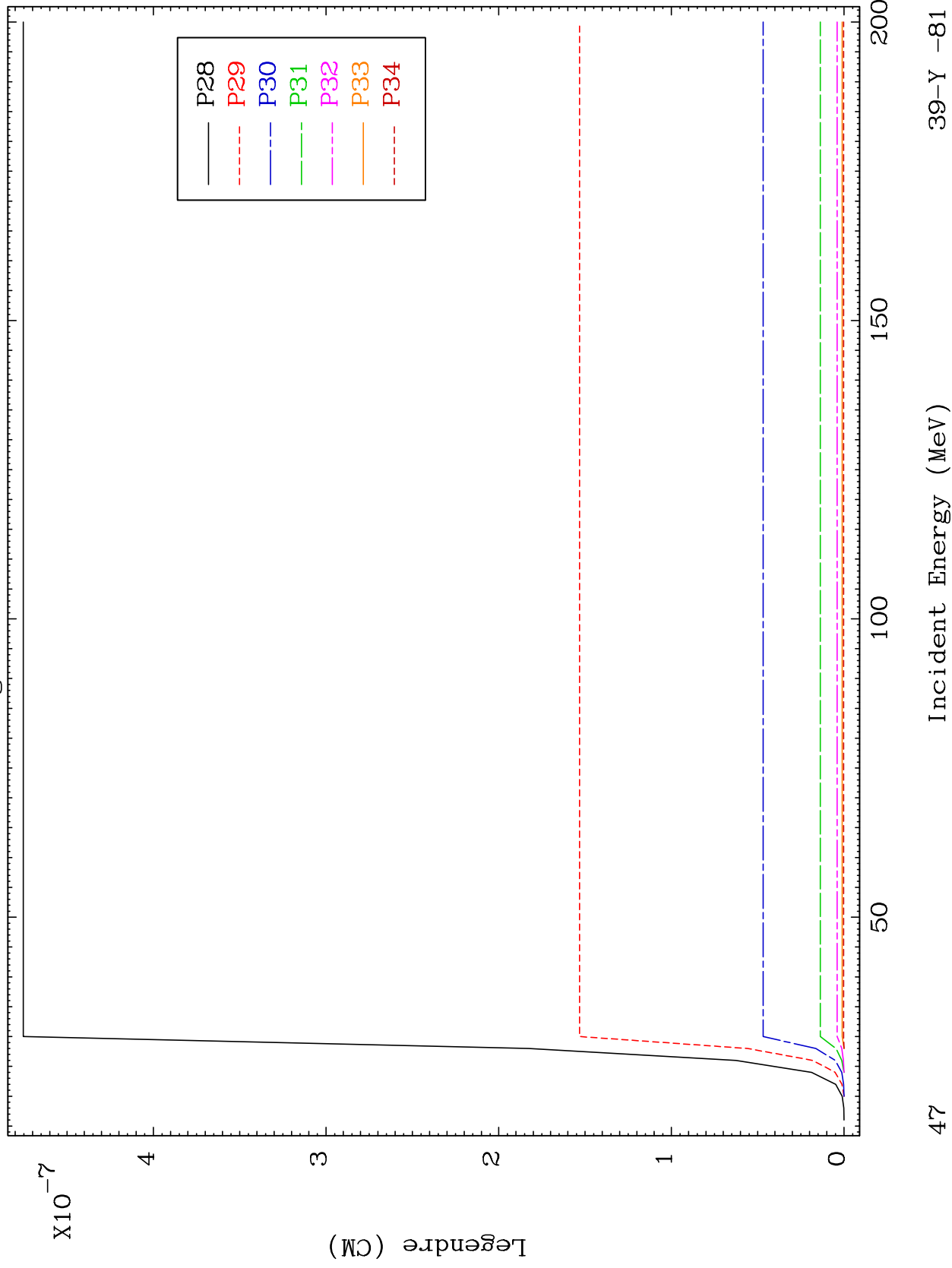
39-Y -81



MAT 3901

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

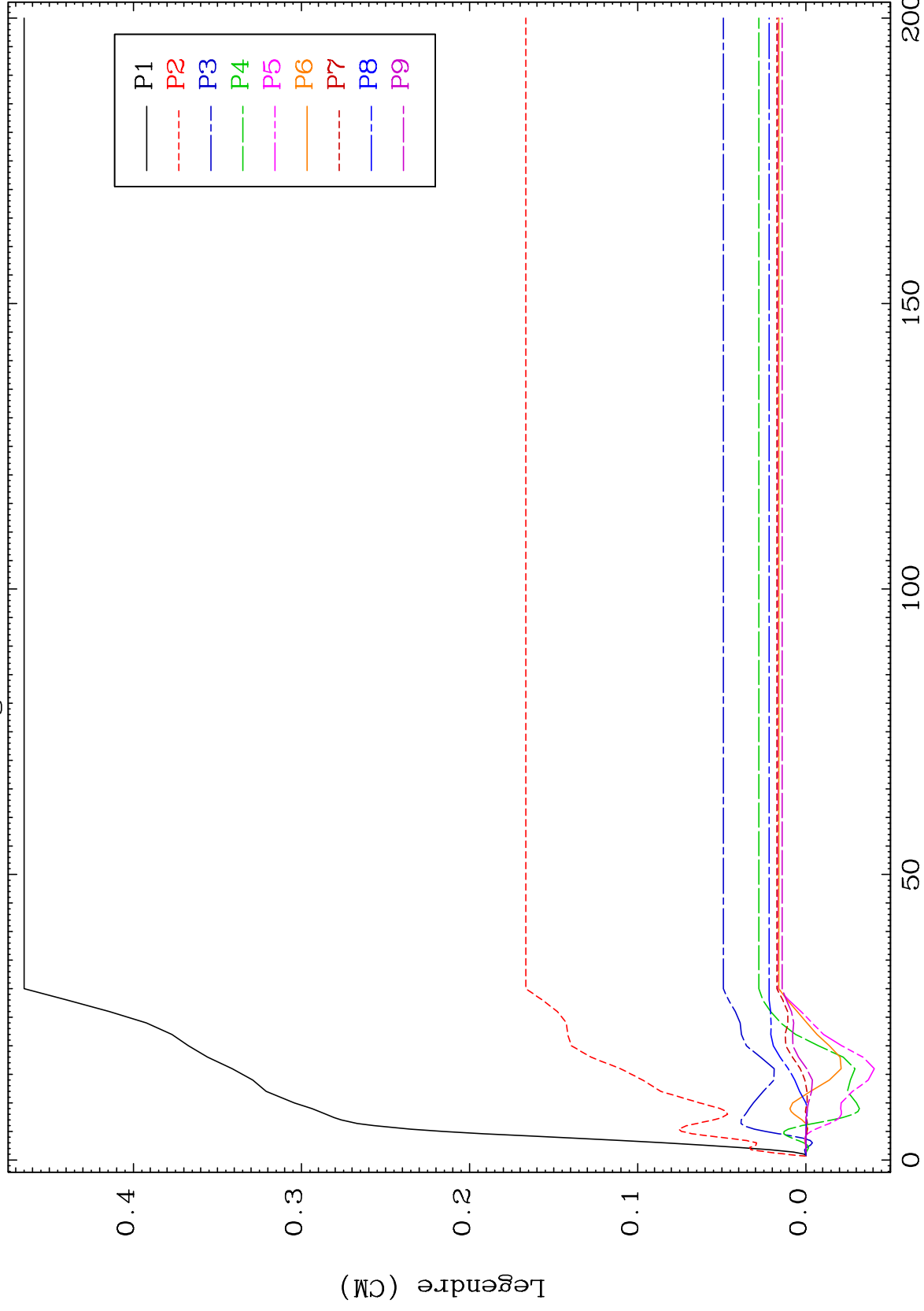
39-Y -81



MAT 3901

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

39-Y -81



48

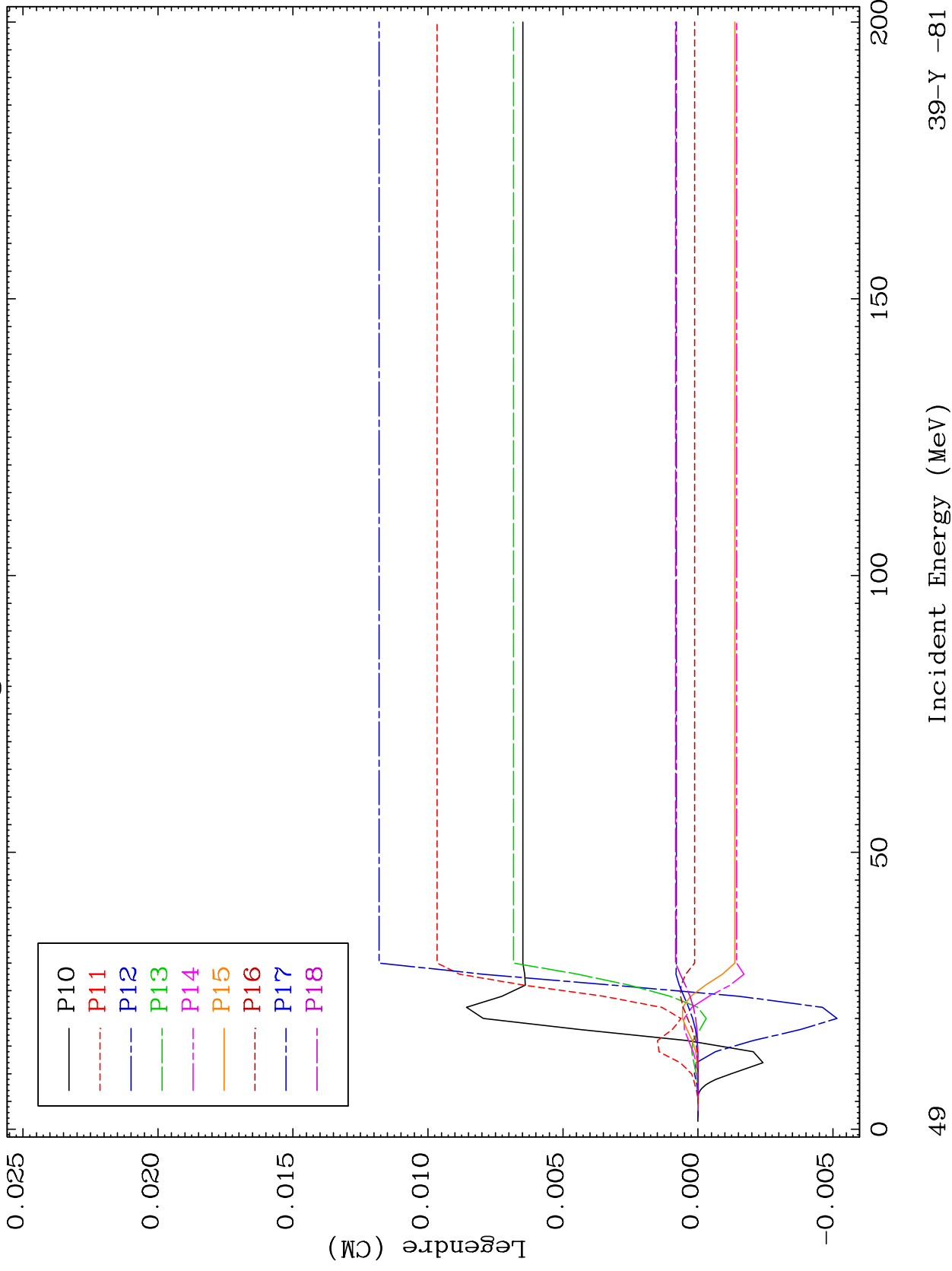
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



49

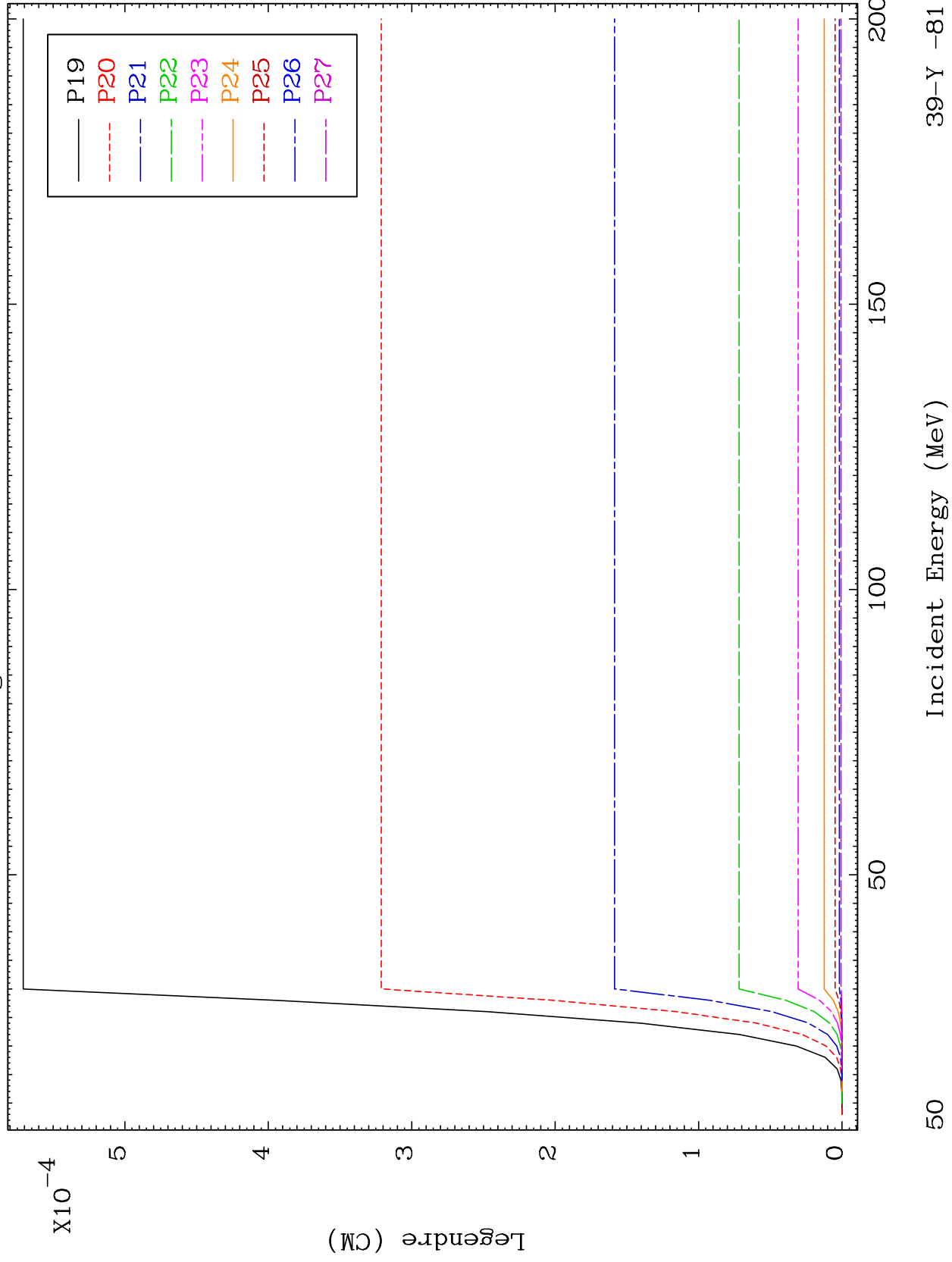
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



50

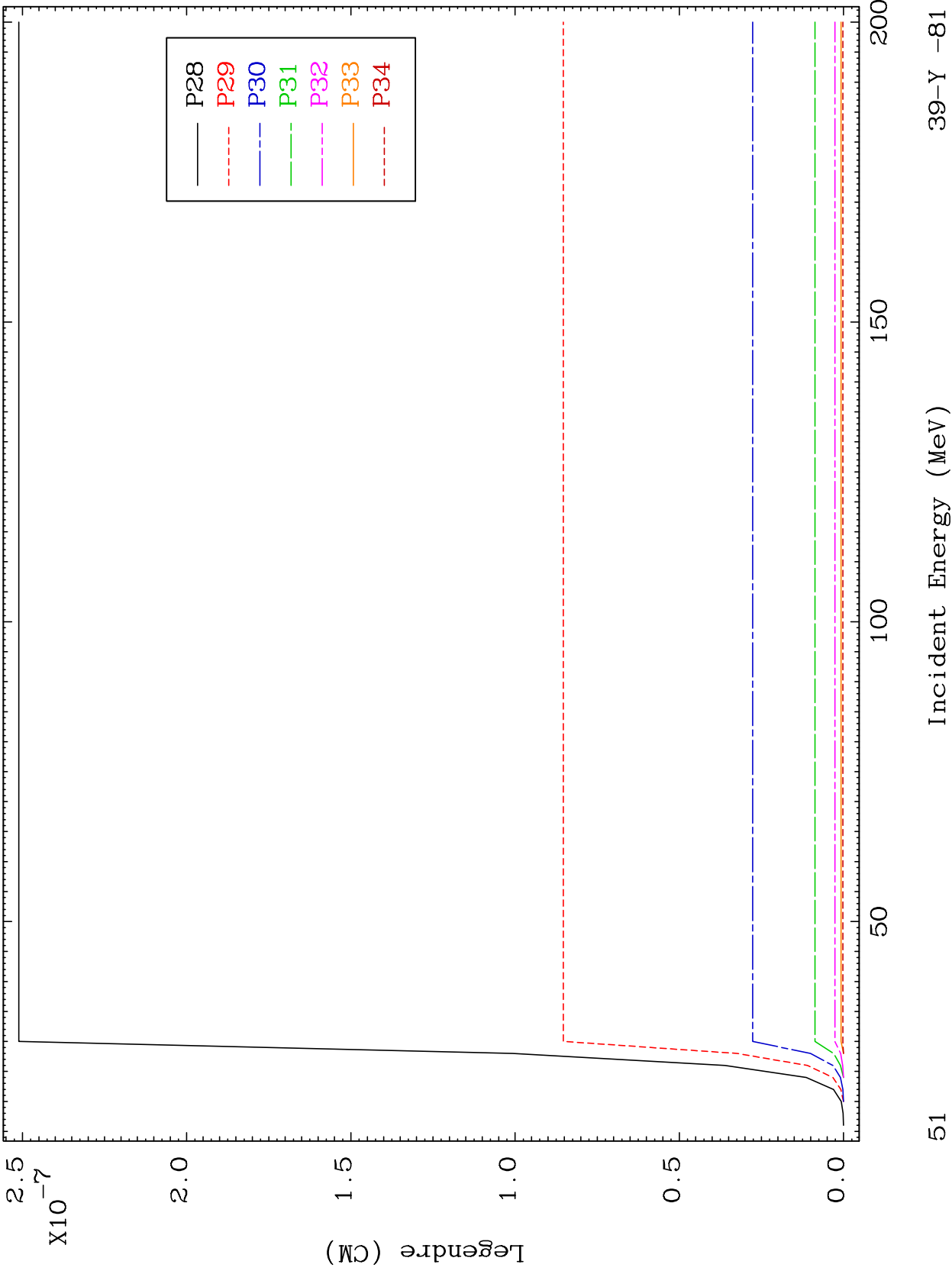
50

100

150

200

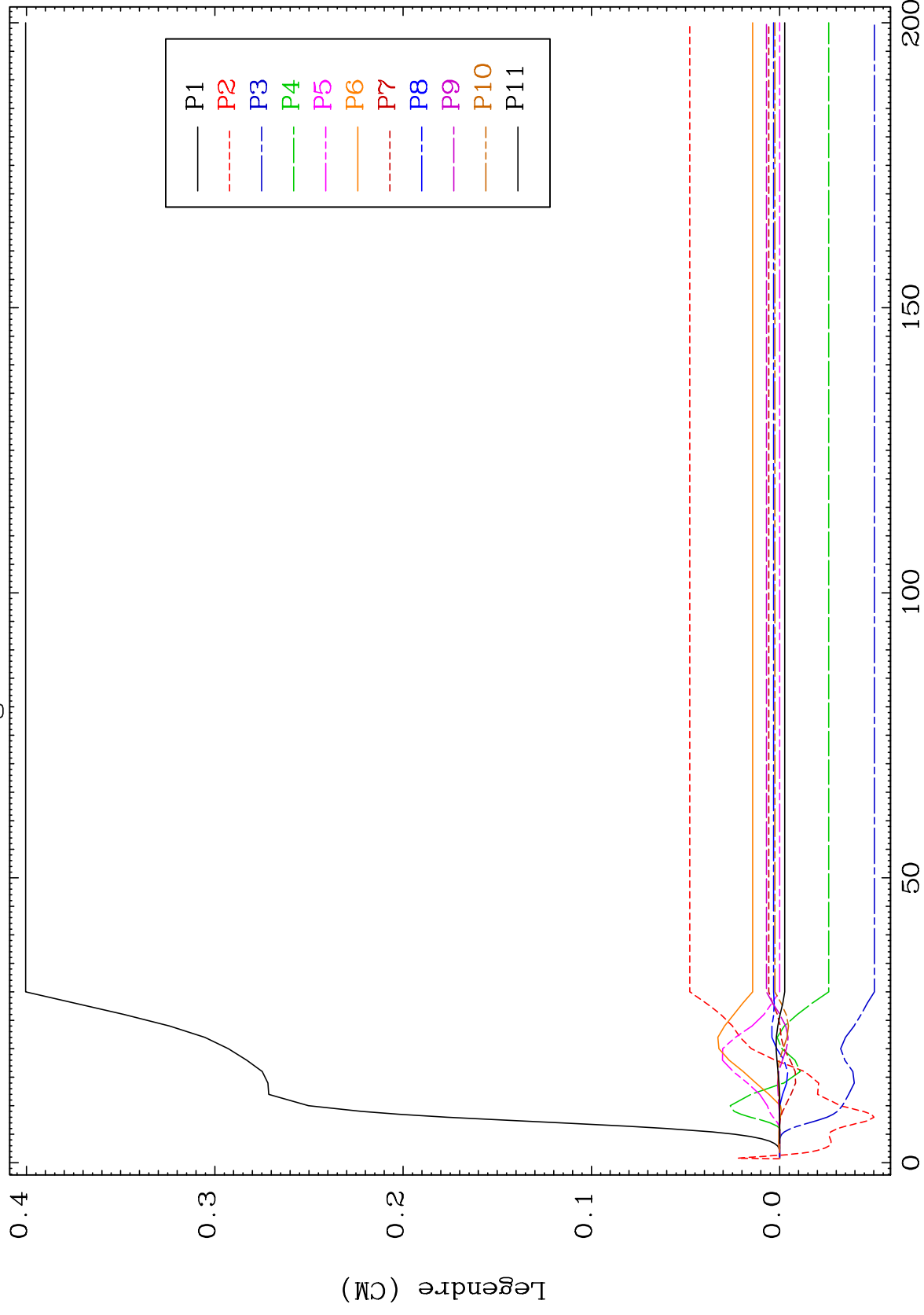
39-Y -81



MAT 3901

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

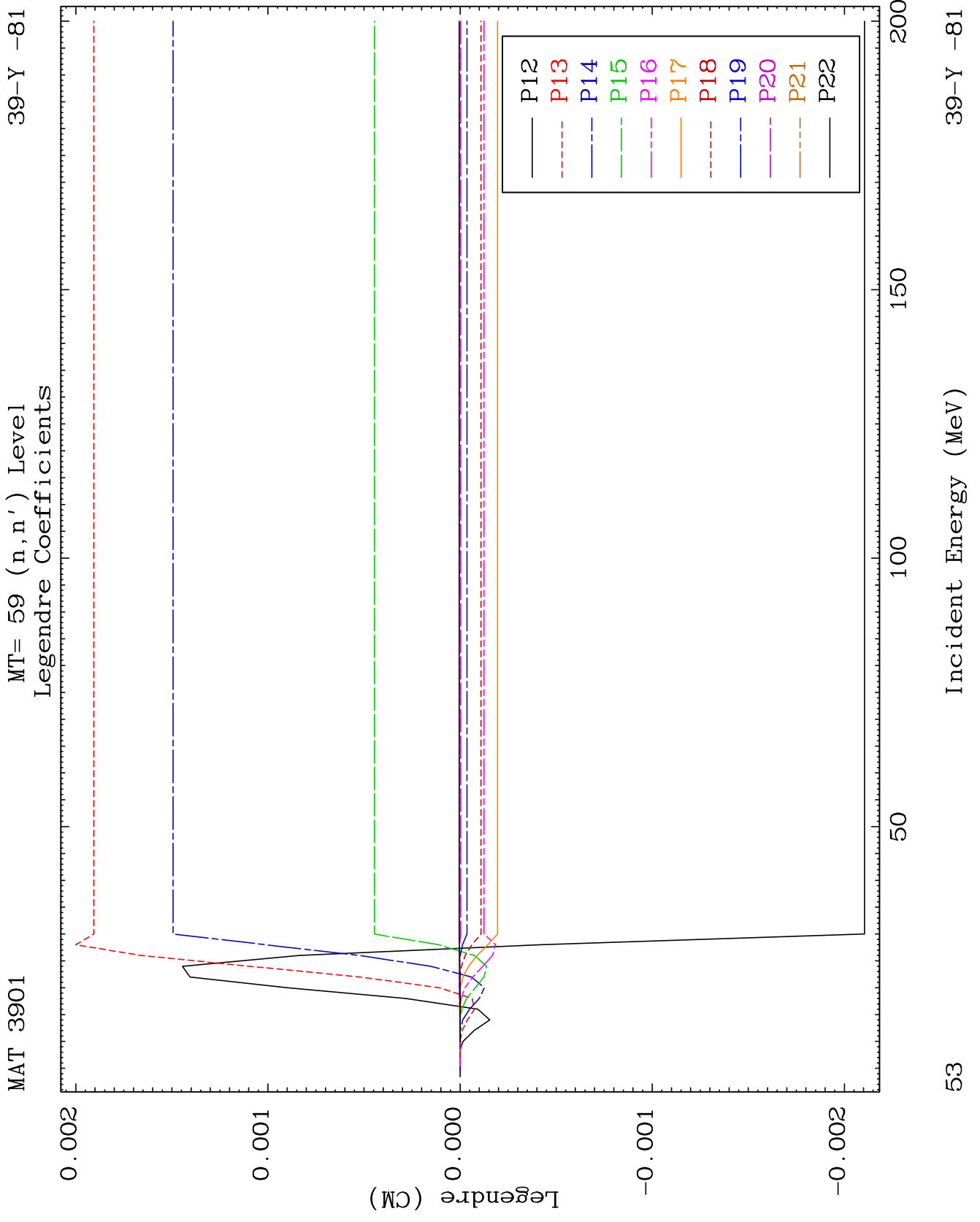
39-Y -81



52

Incident Energy (MeV)

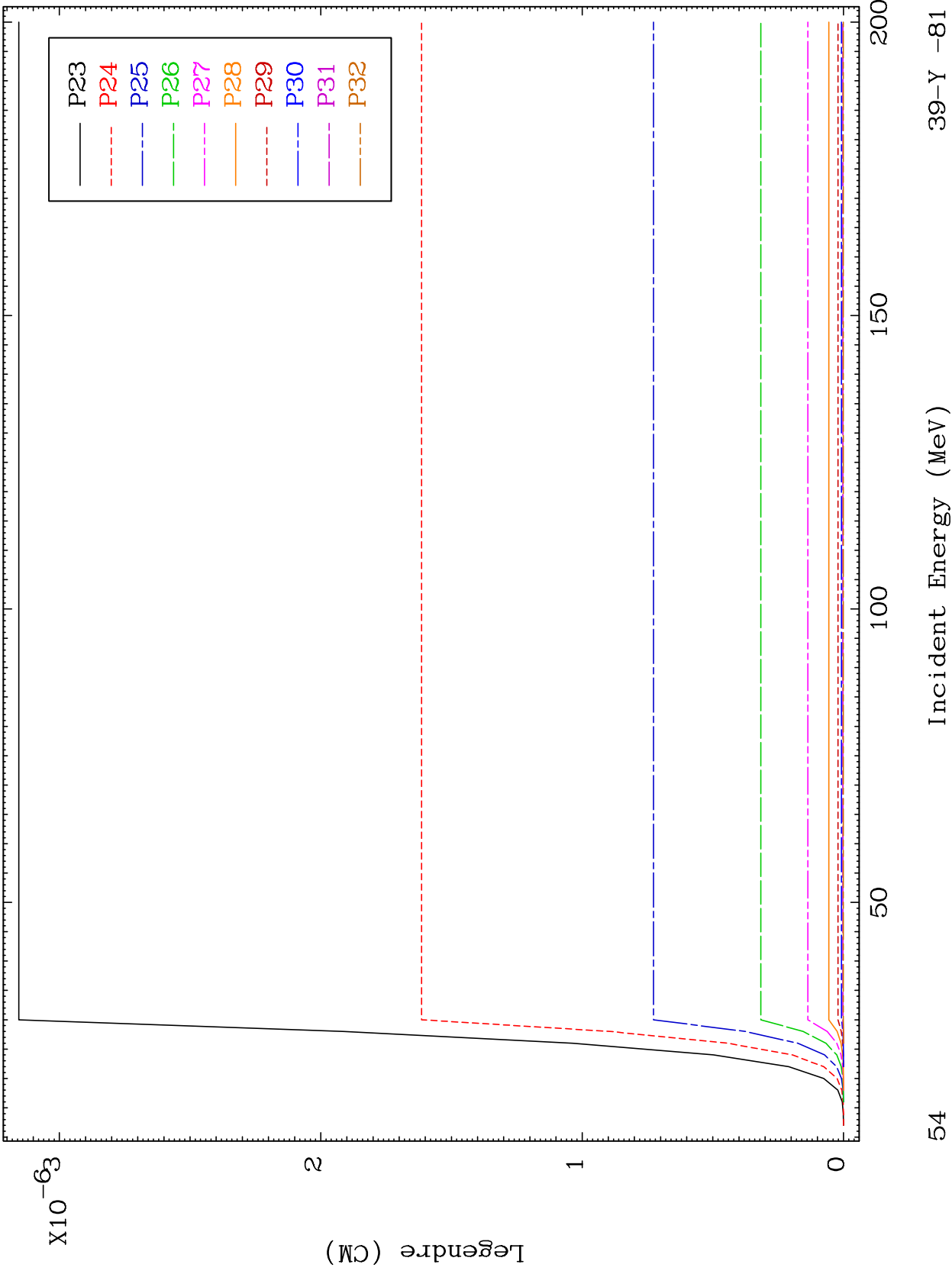
39-Y -81



MAT 3901

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

39-Y -81



54

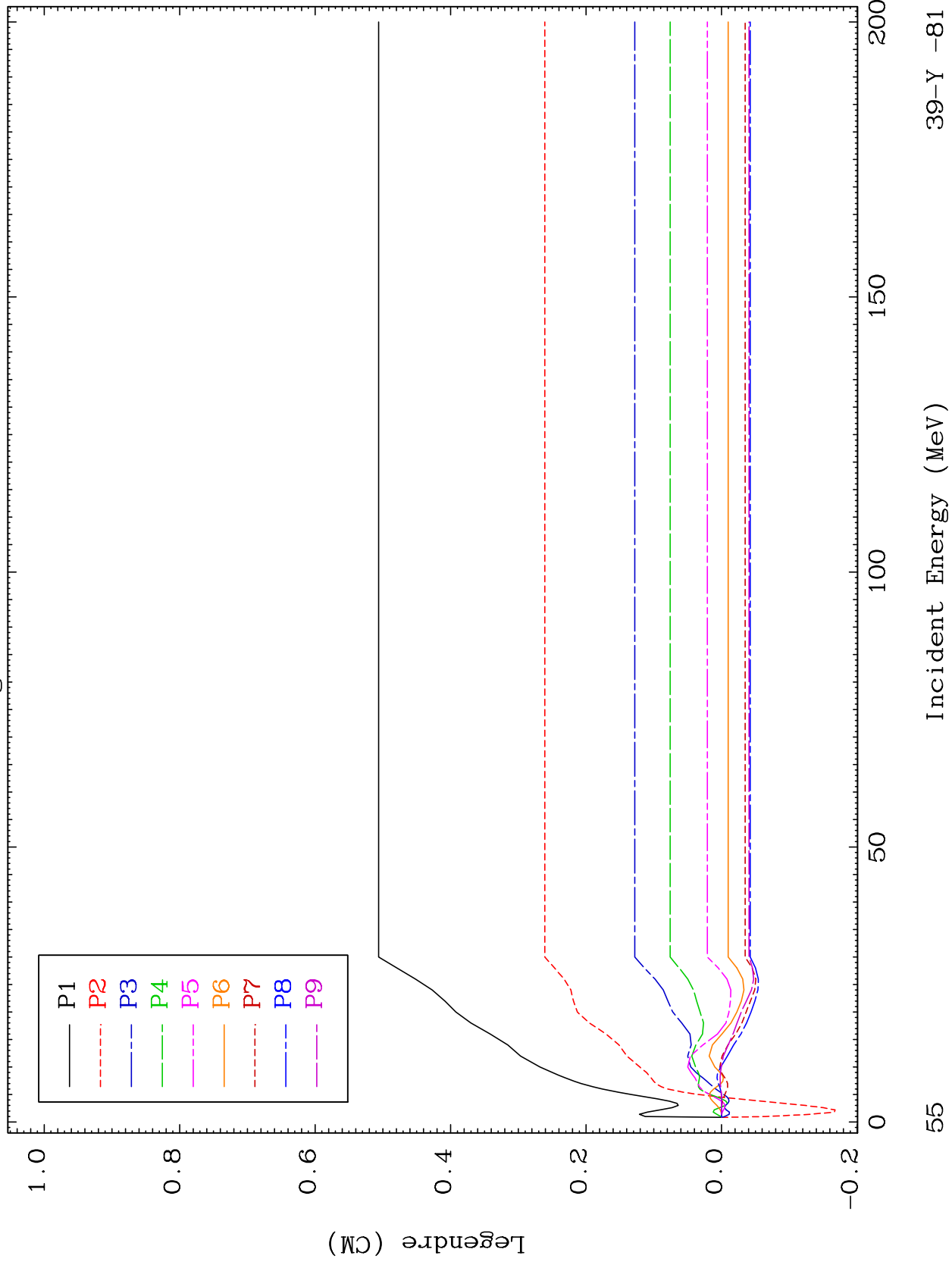
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81

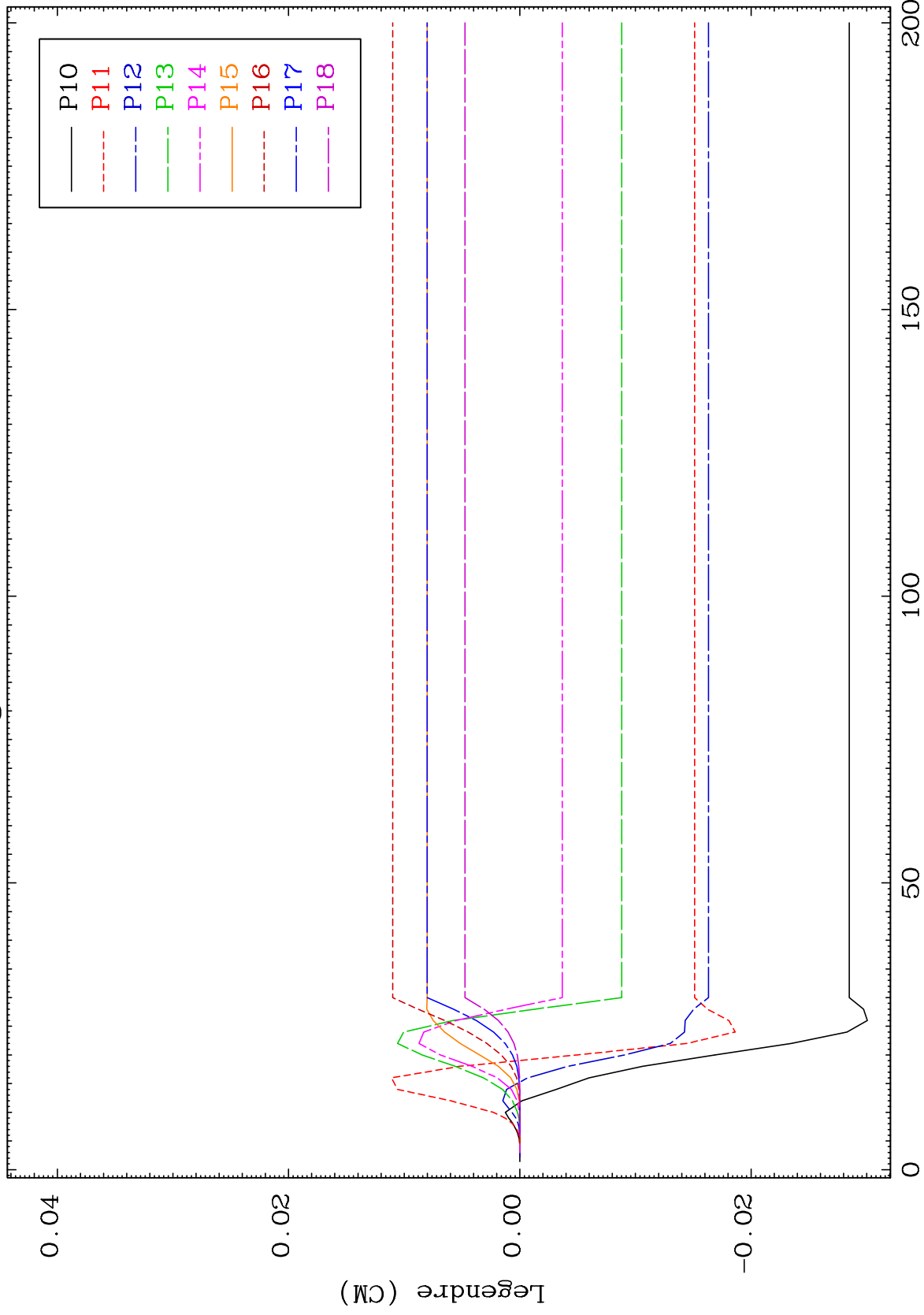


39-Y -81

MAT 3901

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

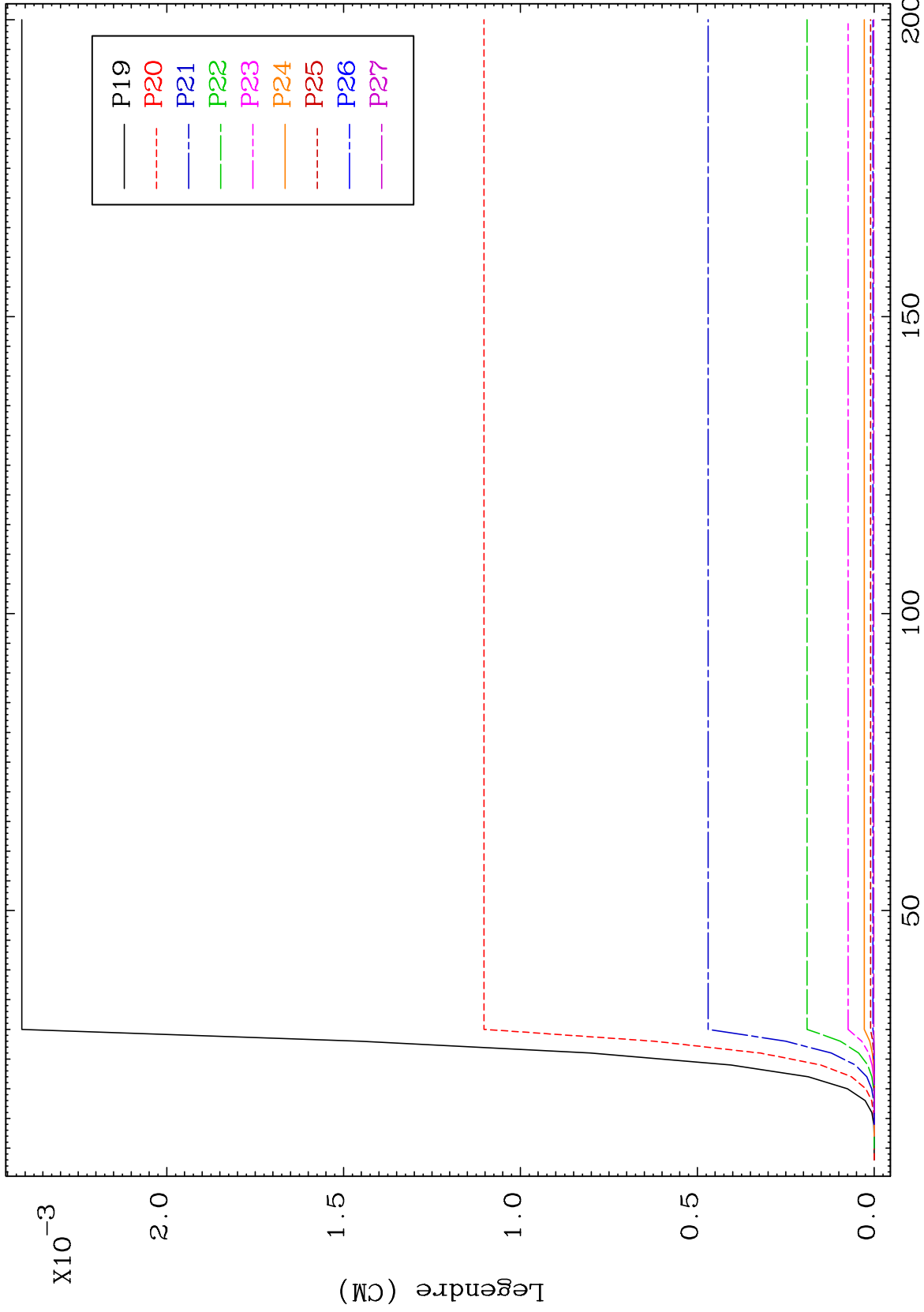
39-Y -81



56

Incident Energy (MeV)

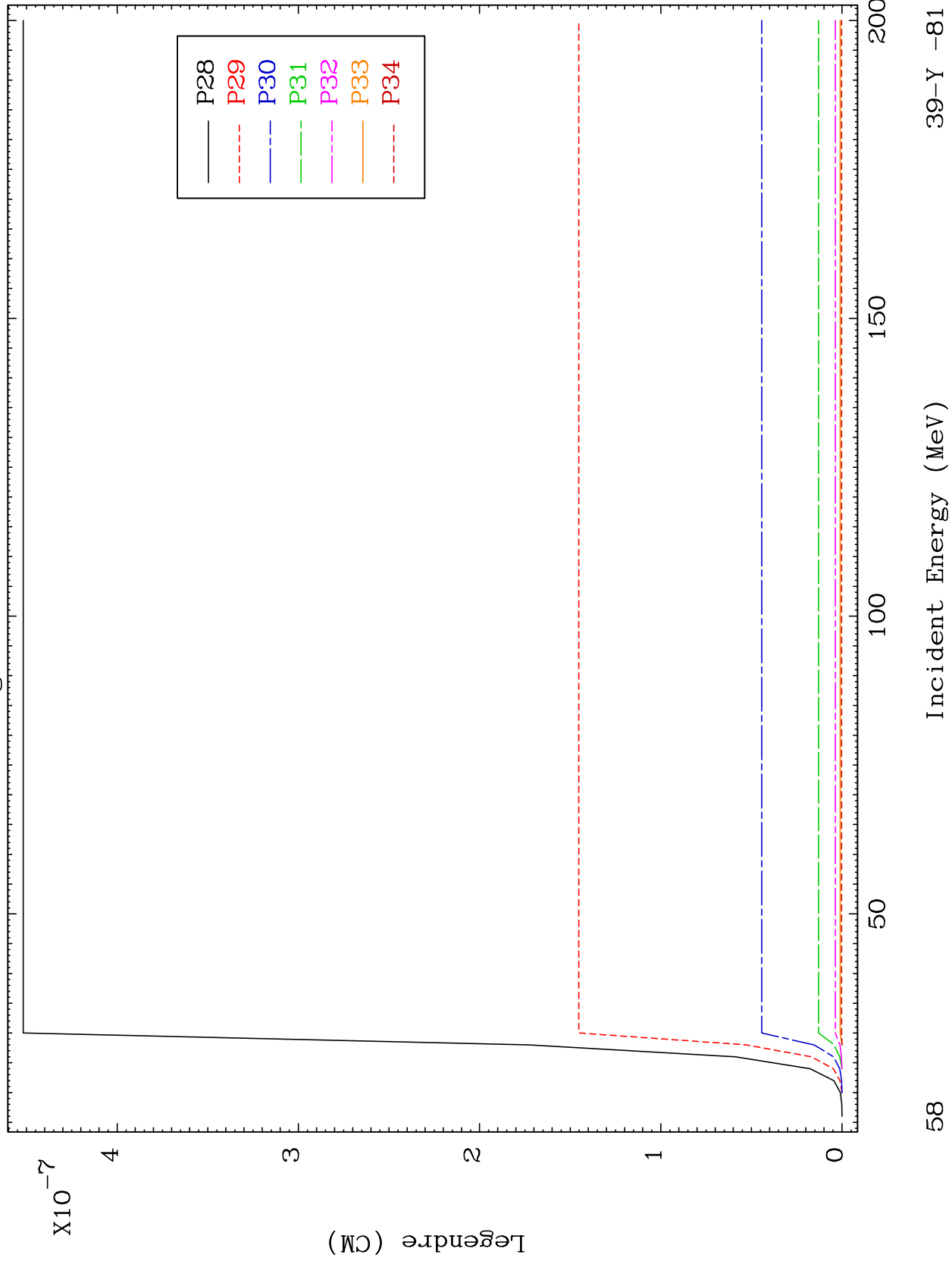
39-Y -81



MAT 3901

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

39-Y -81



58

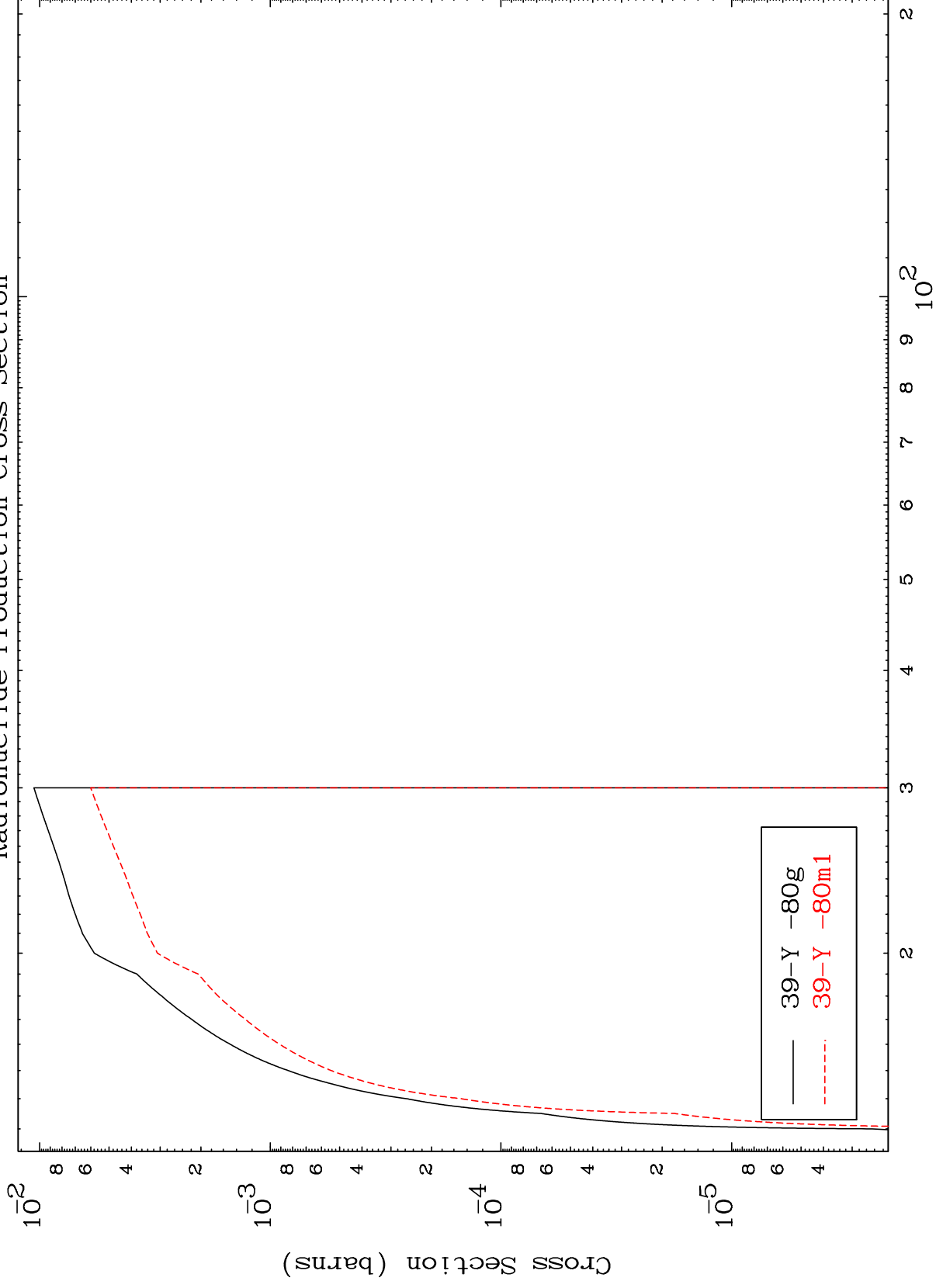
Incident Energy (MeV)

39-Y -81

MAT 3901

39-Y -81

Radionuclide Production Cross Section
(n,2n)

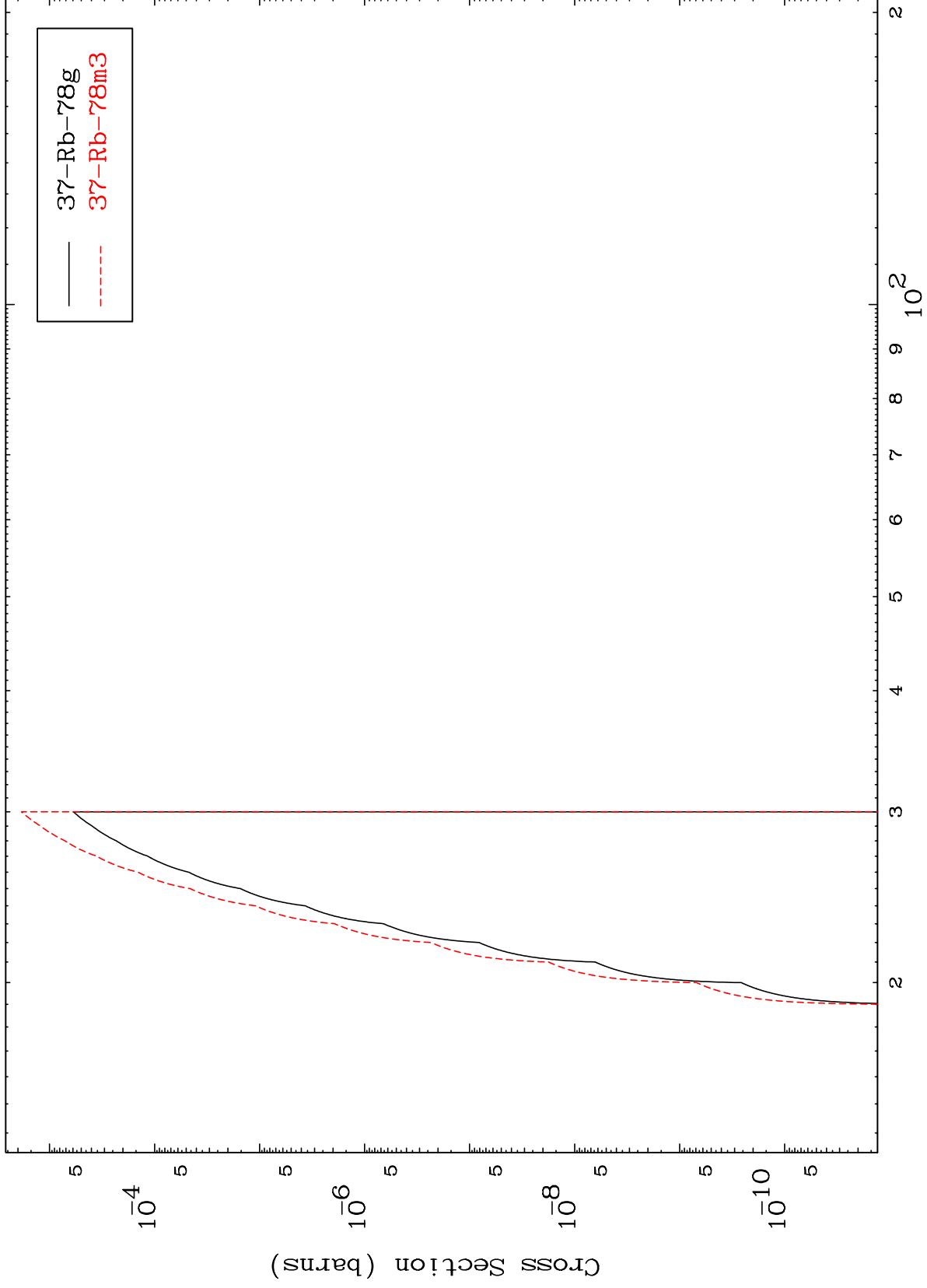


59

39-Y -81

Incident Energy (MeV)

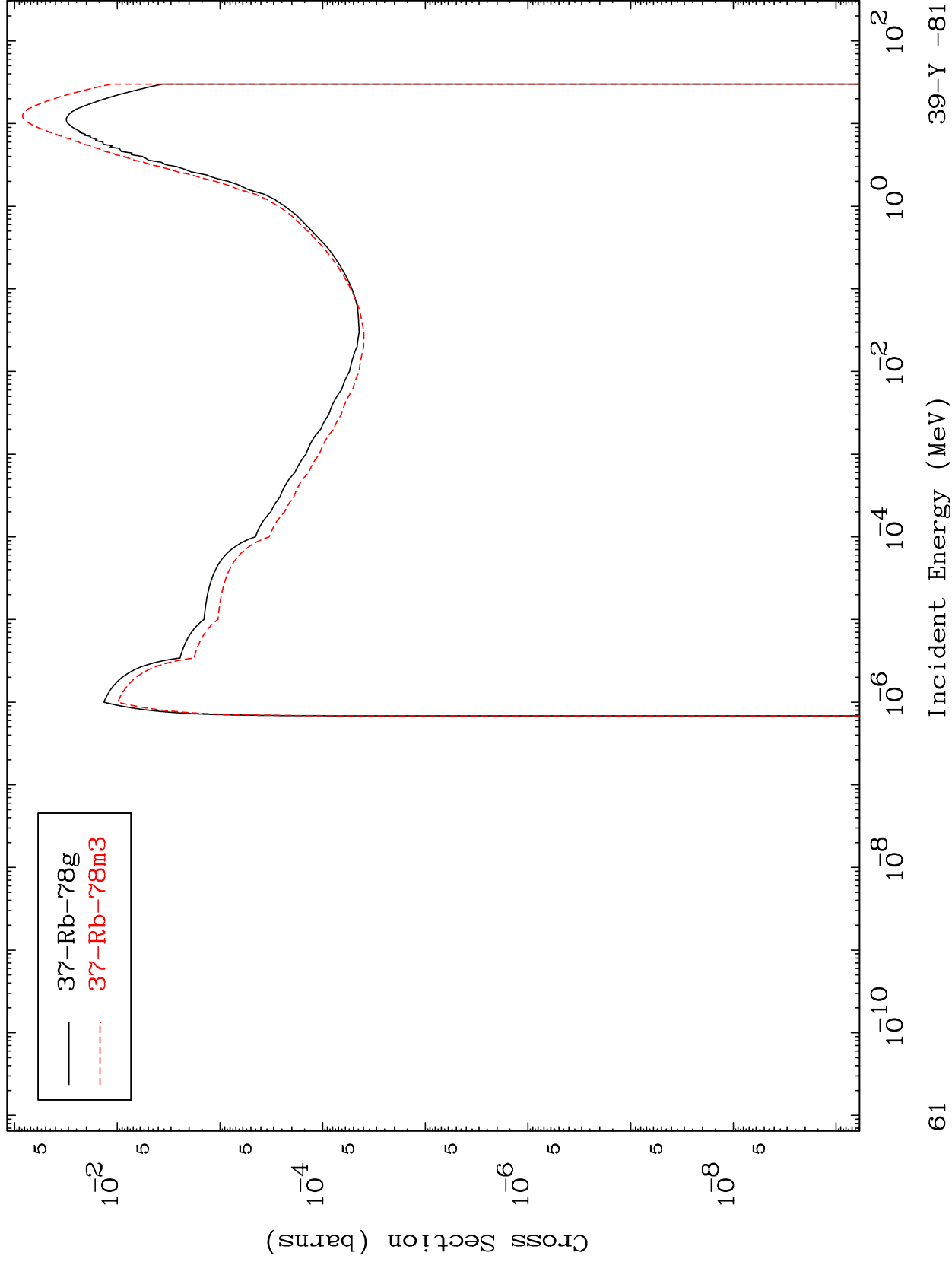
Radionuclide Production Cross Section



MAT 3901

39-Y -81

Radionuclide Production Cross Section



61

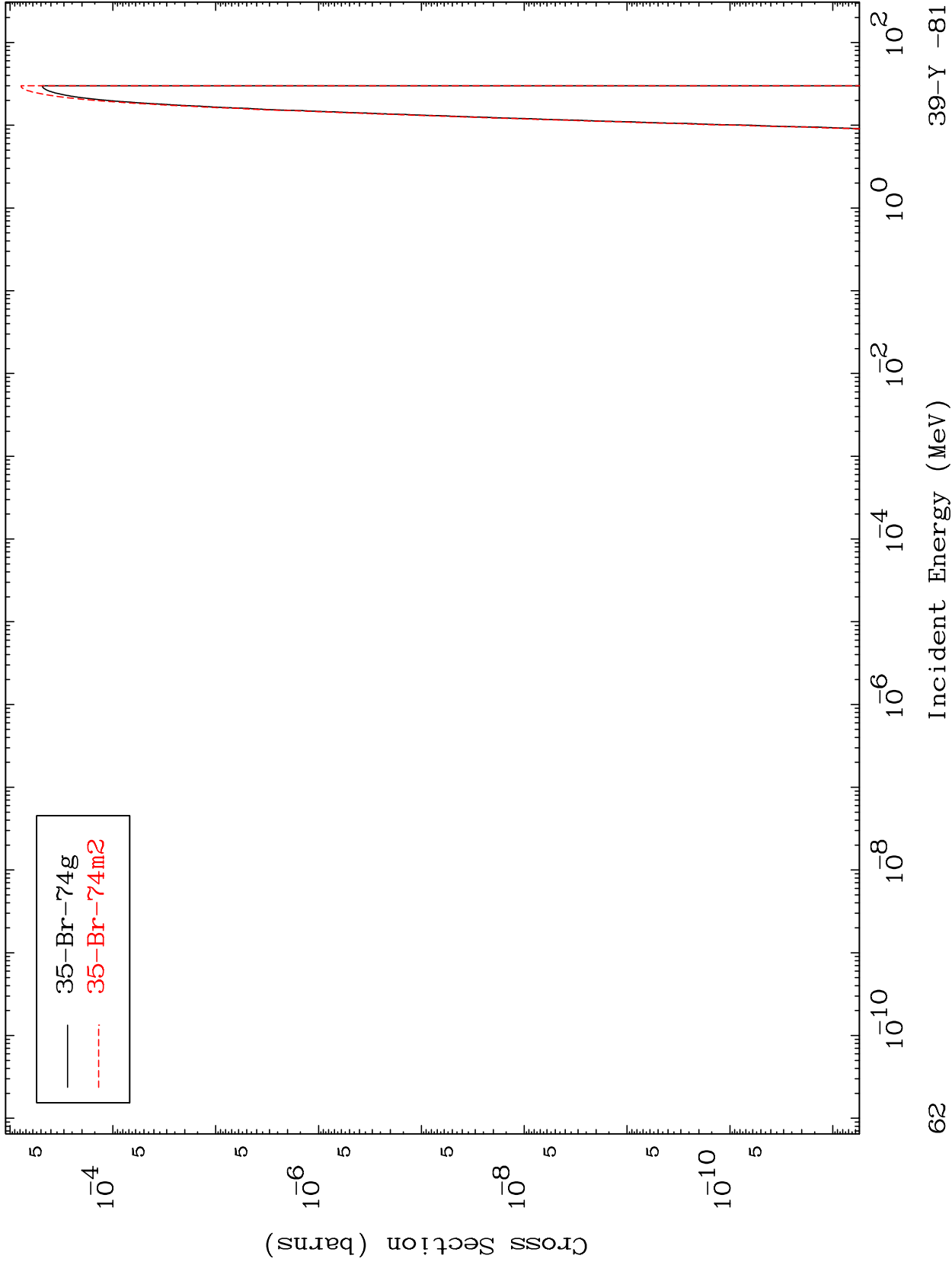
39-Y -81

MAT 3901

(n,2α)

39-Y -81

Radionuclide Production Cross Section



62

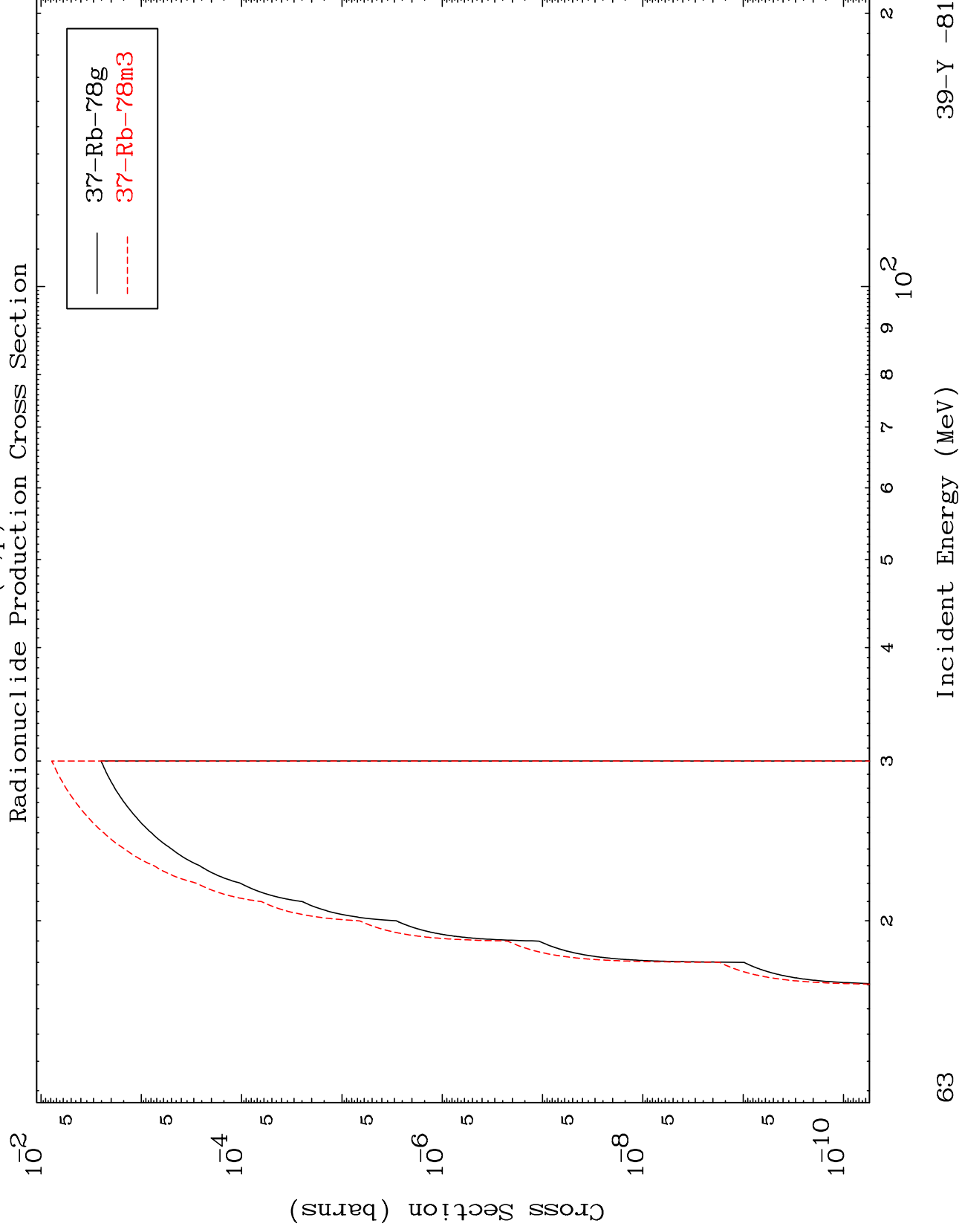
Incident Energy (MeV)

39-Y -81

MAT 3901

(n,p) t

39-Y -81



63

39-Y -81