

Program EVALPLOT
(Version 2021-1)

by

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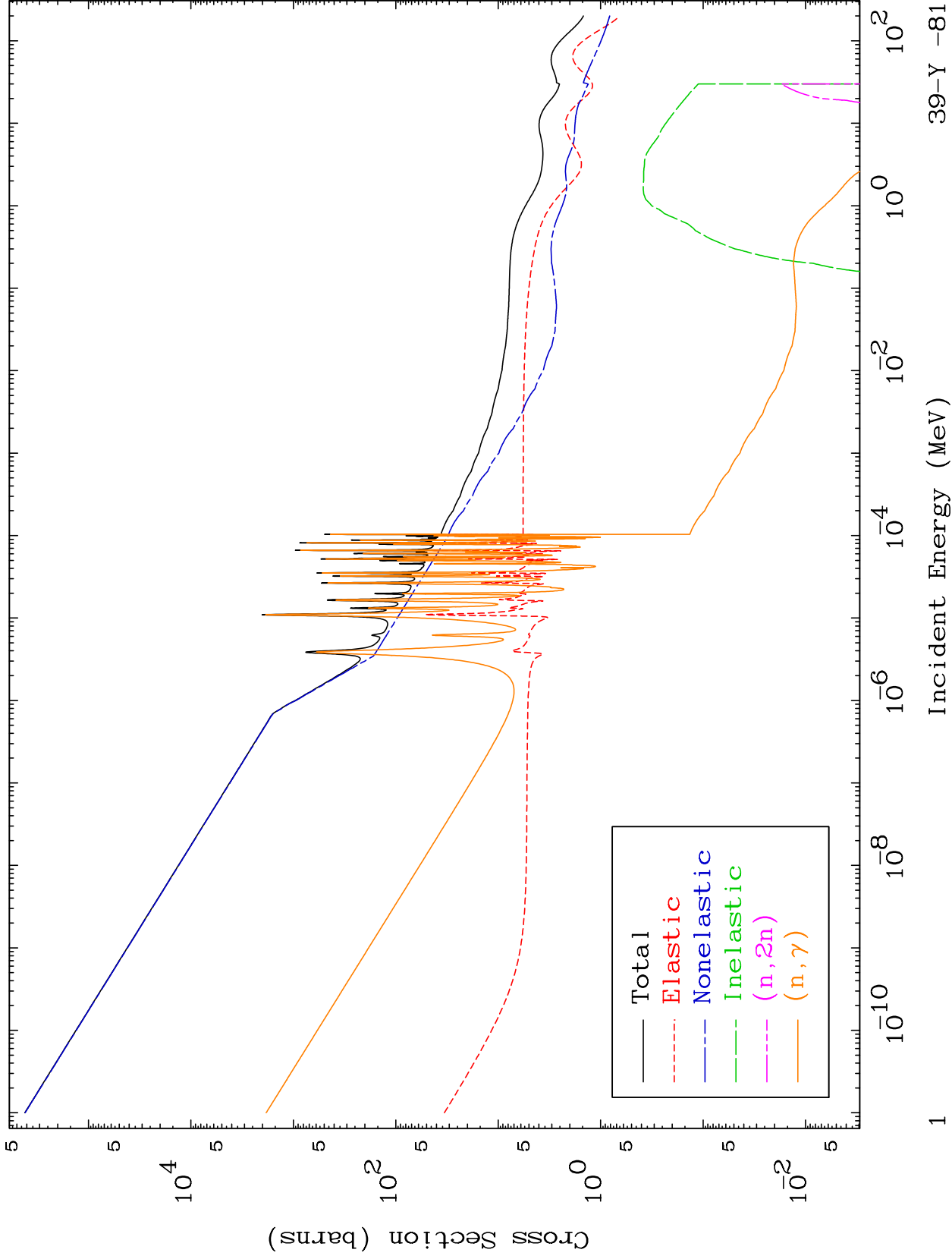
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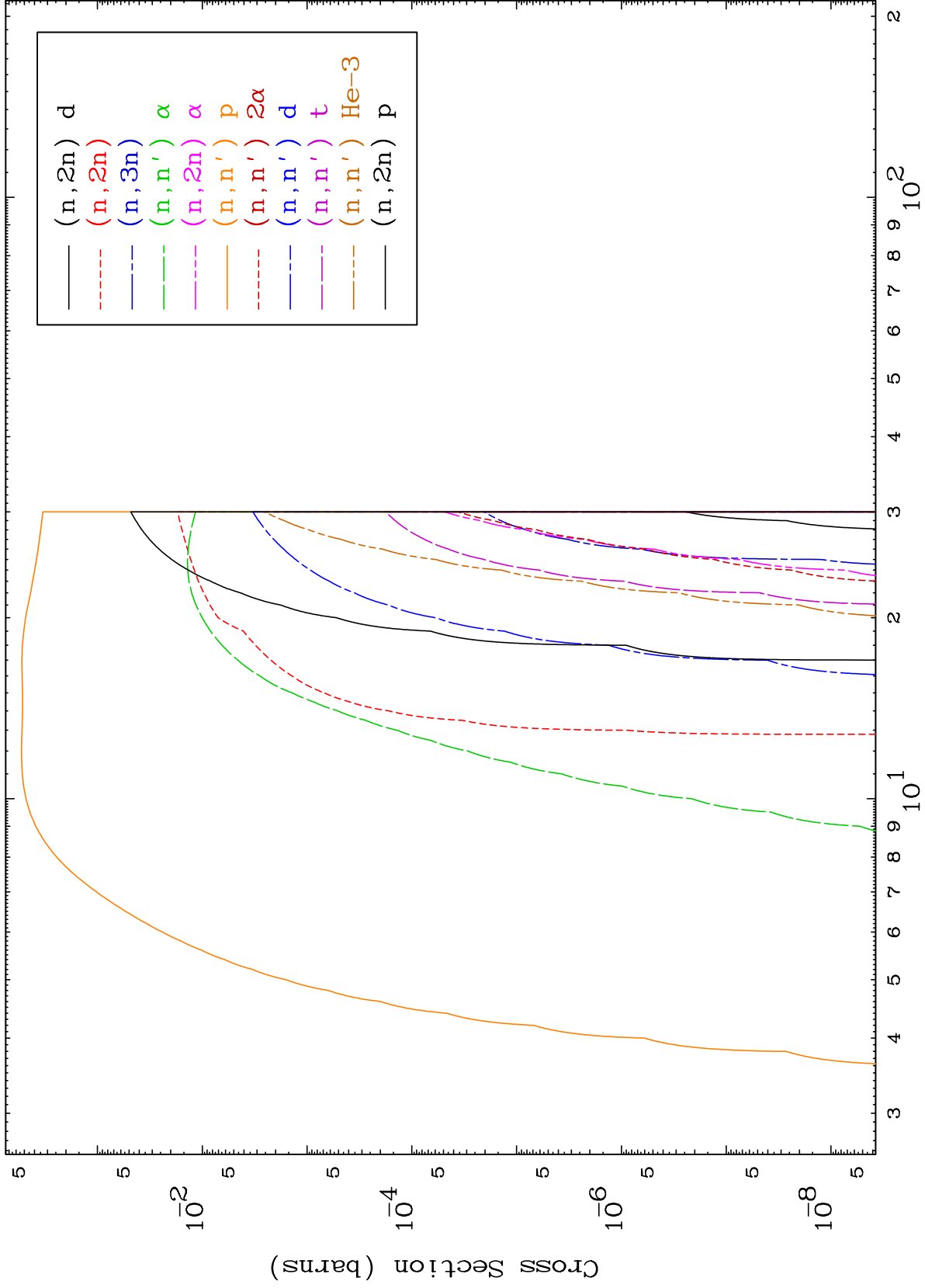
Press Mouse Button to Start

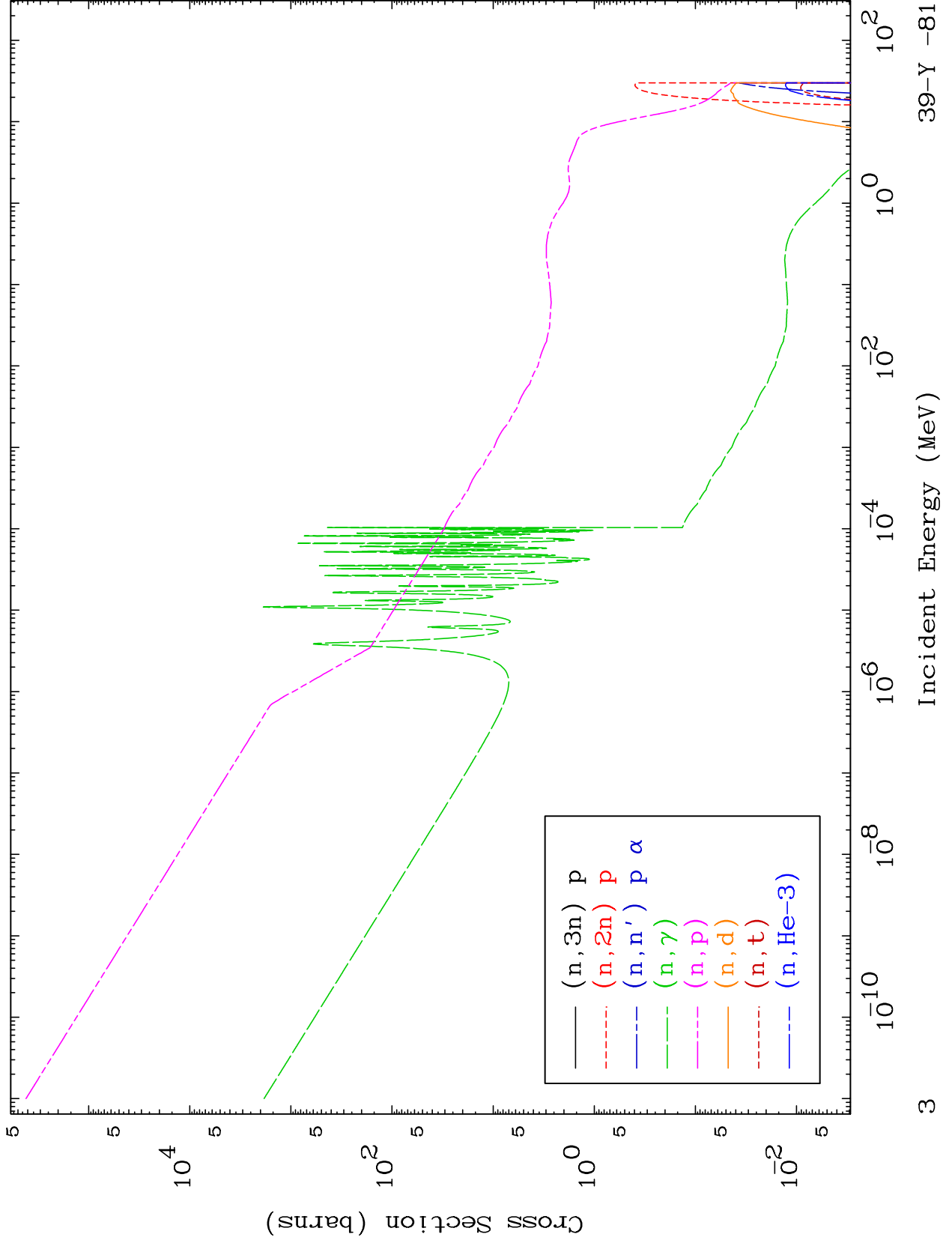
MAT 3901

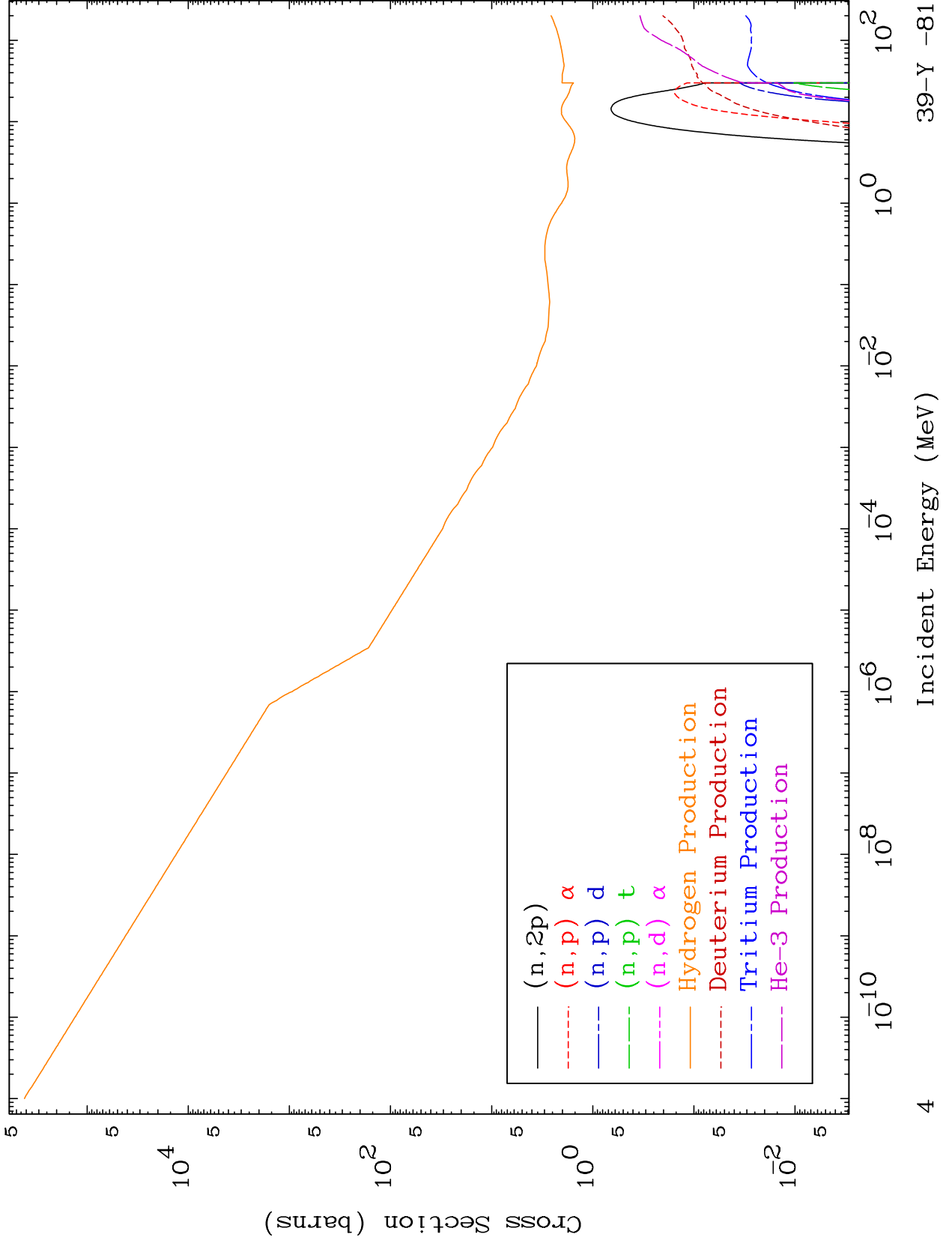
Neutron Major
293 Kelvin Cross Sections

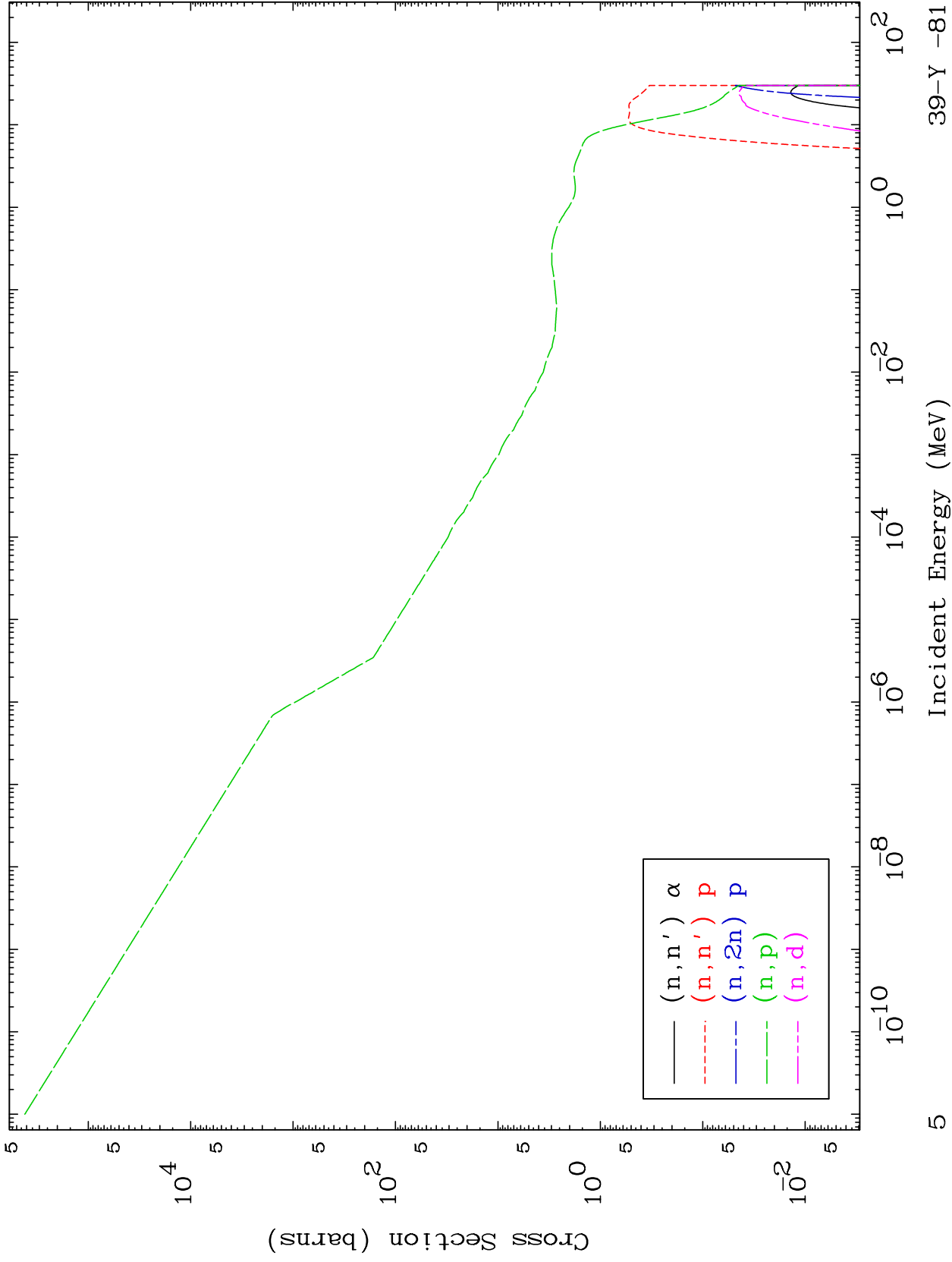
39-Y -81







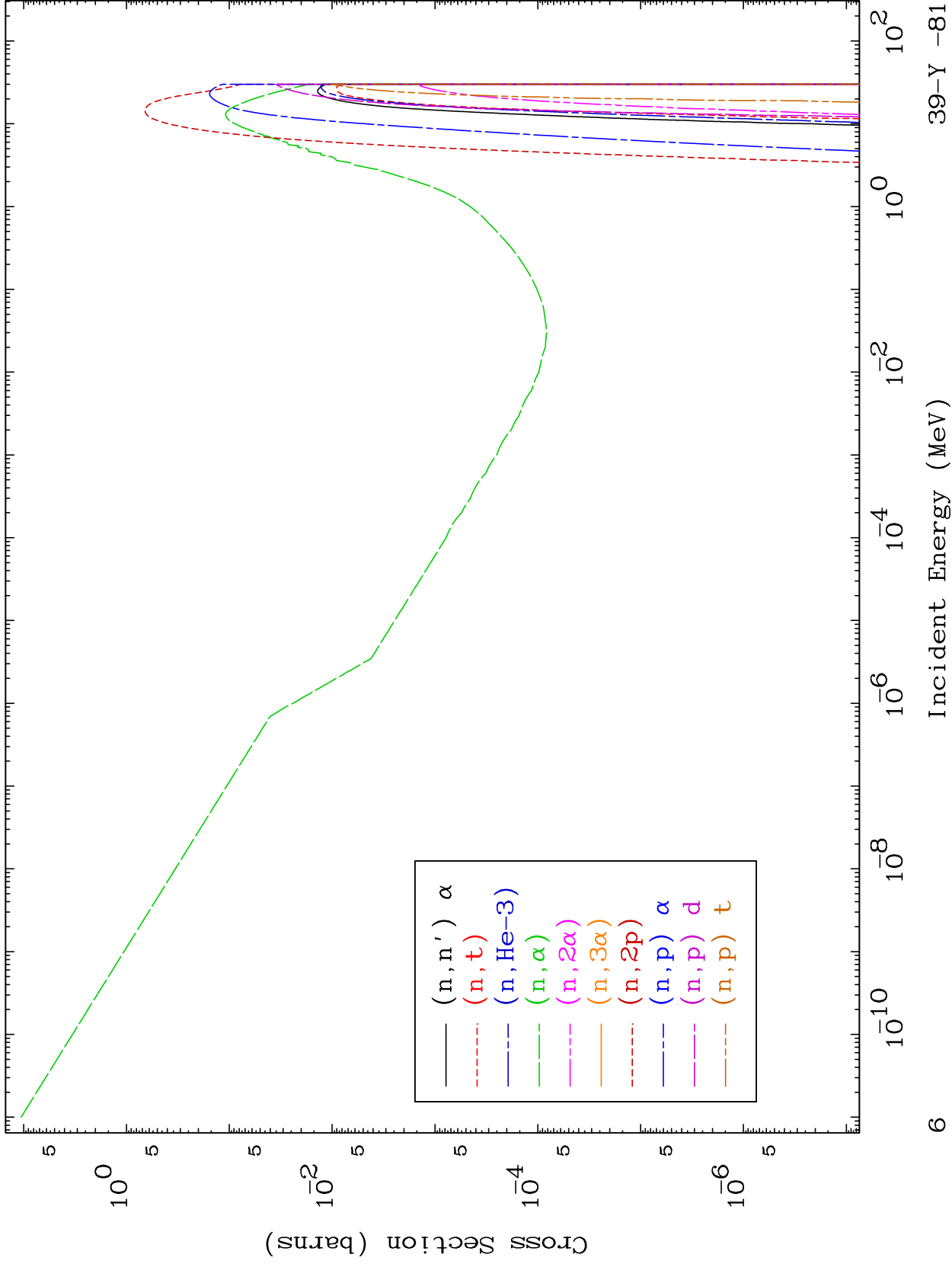


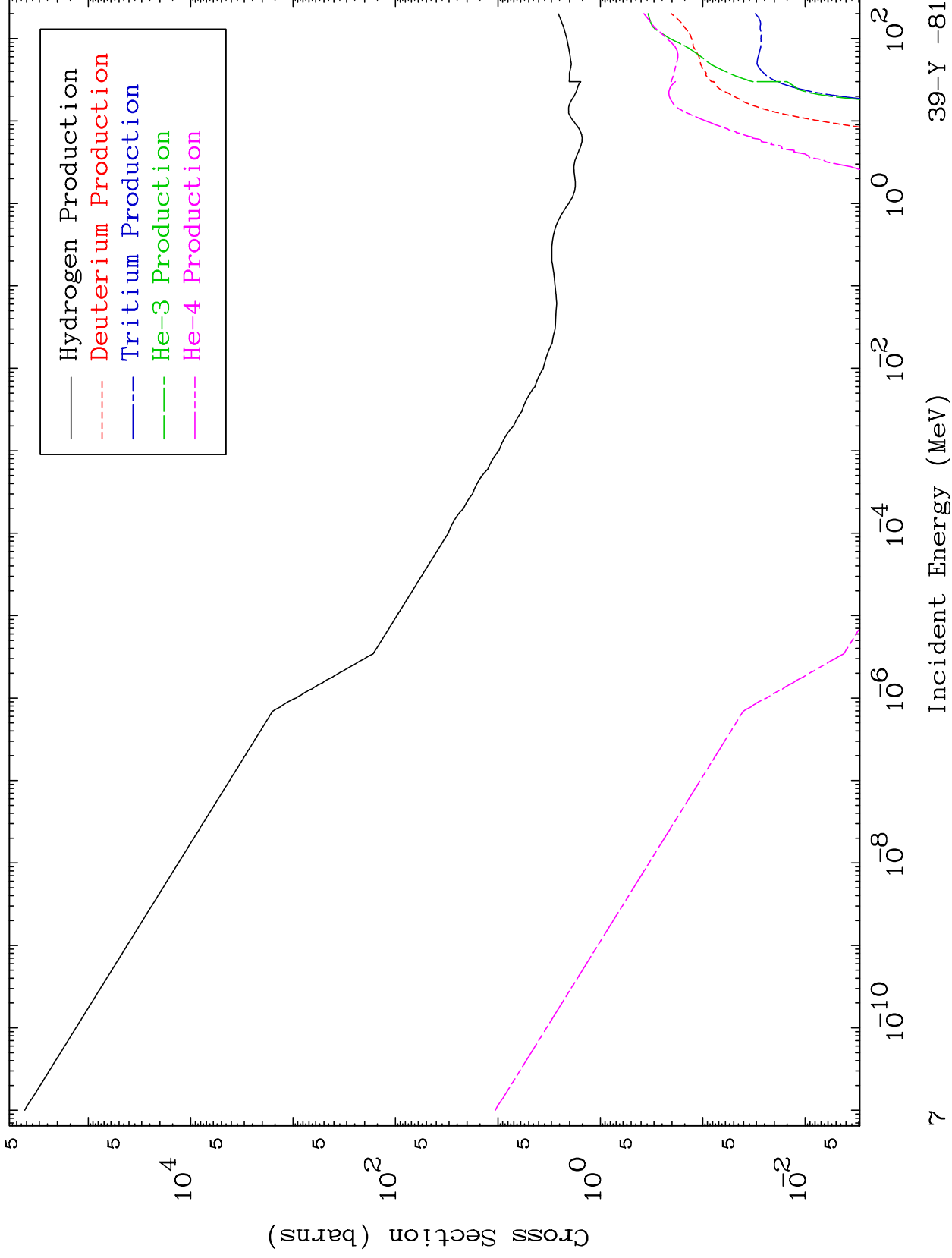


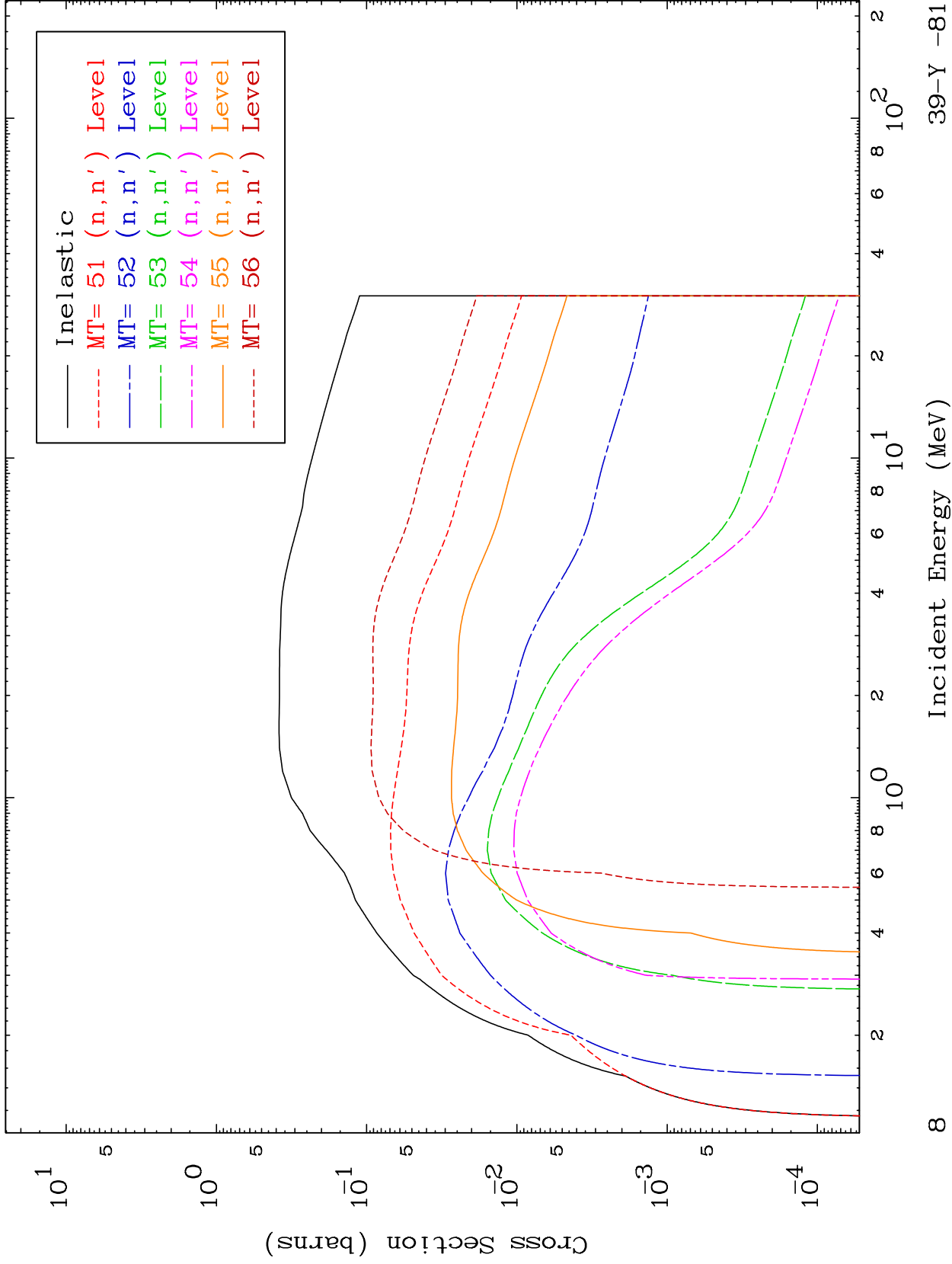
MAT 3901

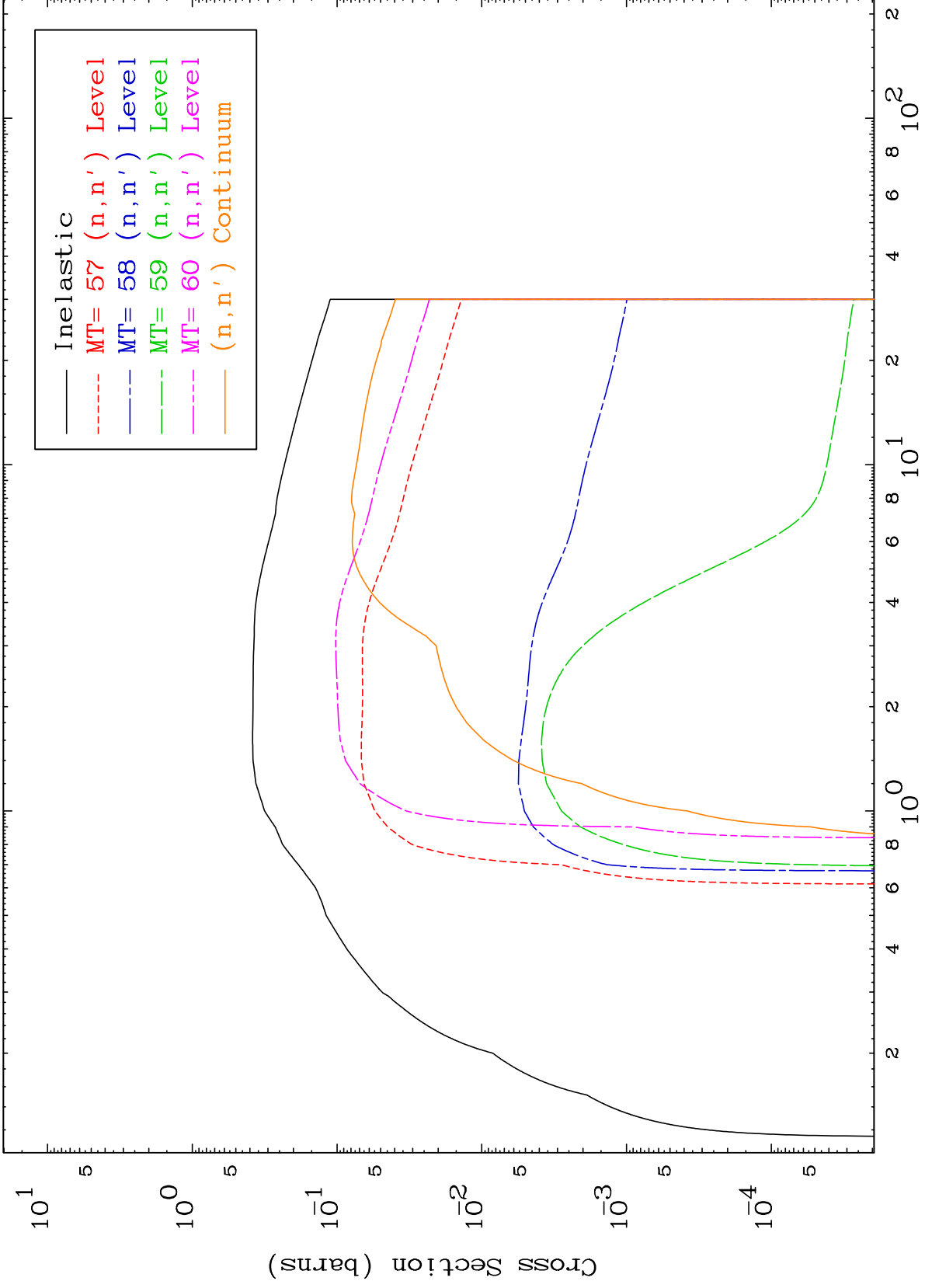
Charged Particle
293 Kelvin Cross Sections

39-Y -81





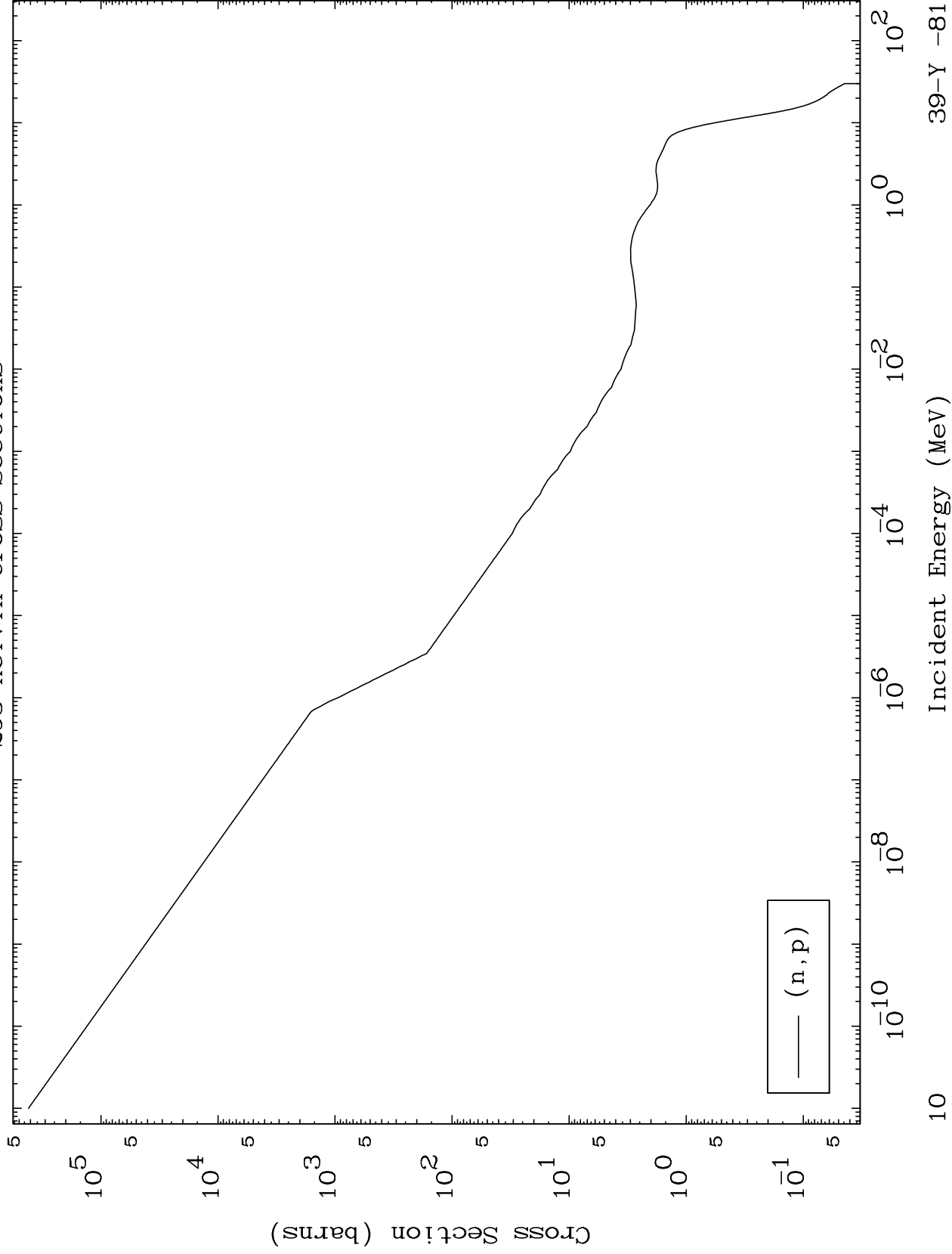




MAT 3901

(n,p) Levels
293 Kelvin Cross Sections

39-Y -81



10

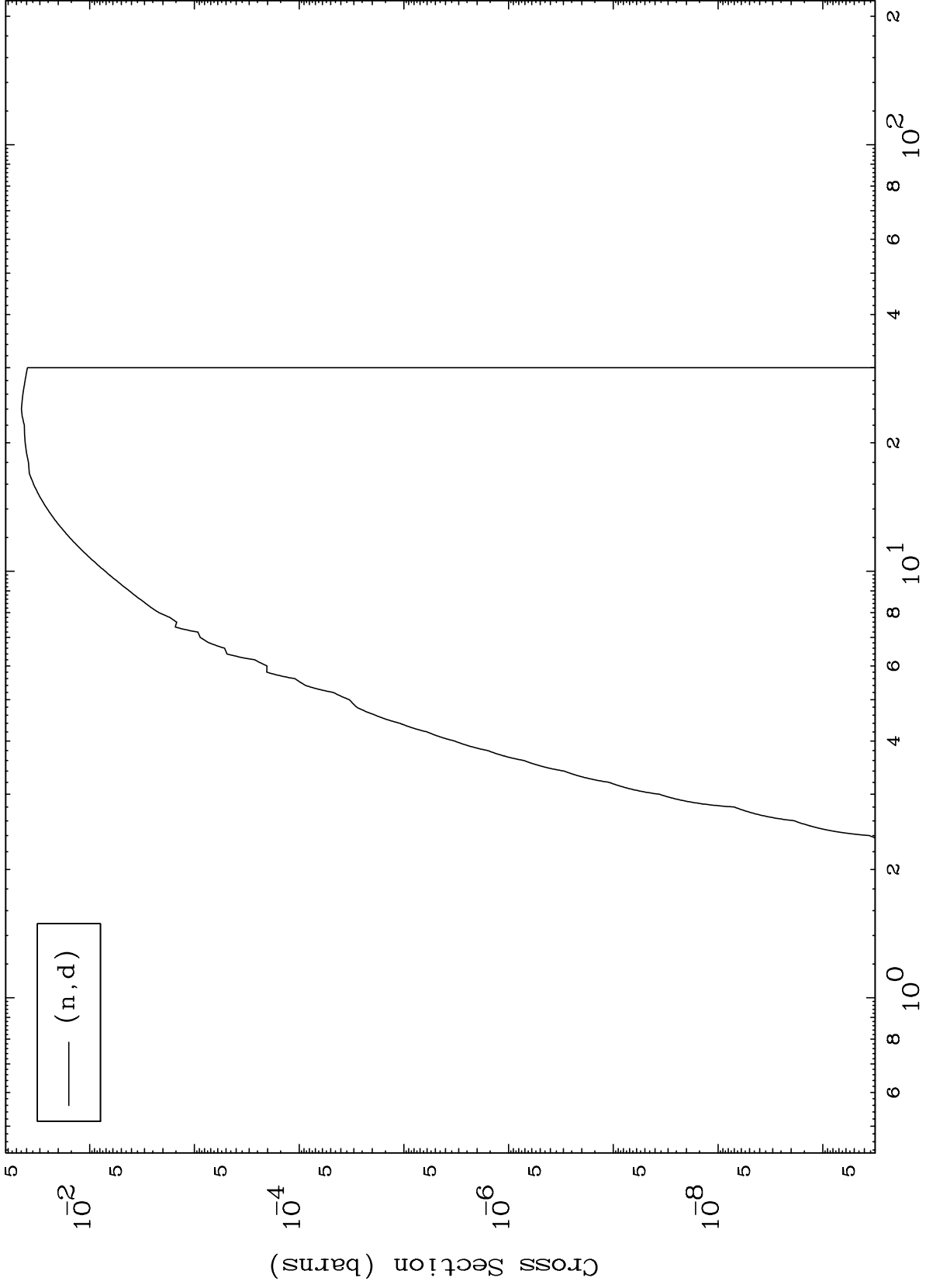
Incident Energy (MeV)

39-Y -81

MAT 3901

(n,d) Levels
293 Kelvin Cross Sections

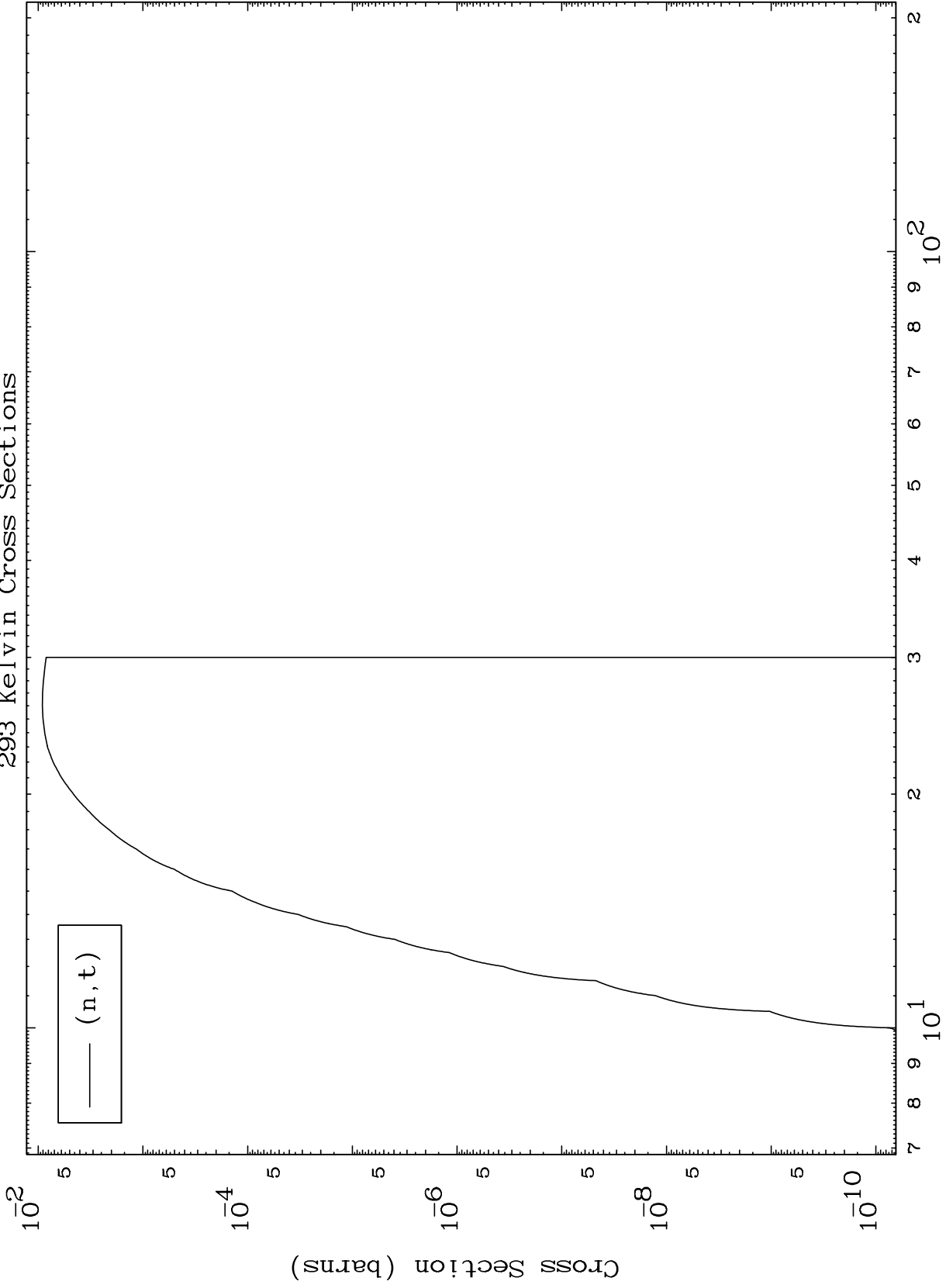
39-Y -81



MAT 3901

(n,t) Levels
293 Kelvin Cross Sections

39-Y -81



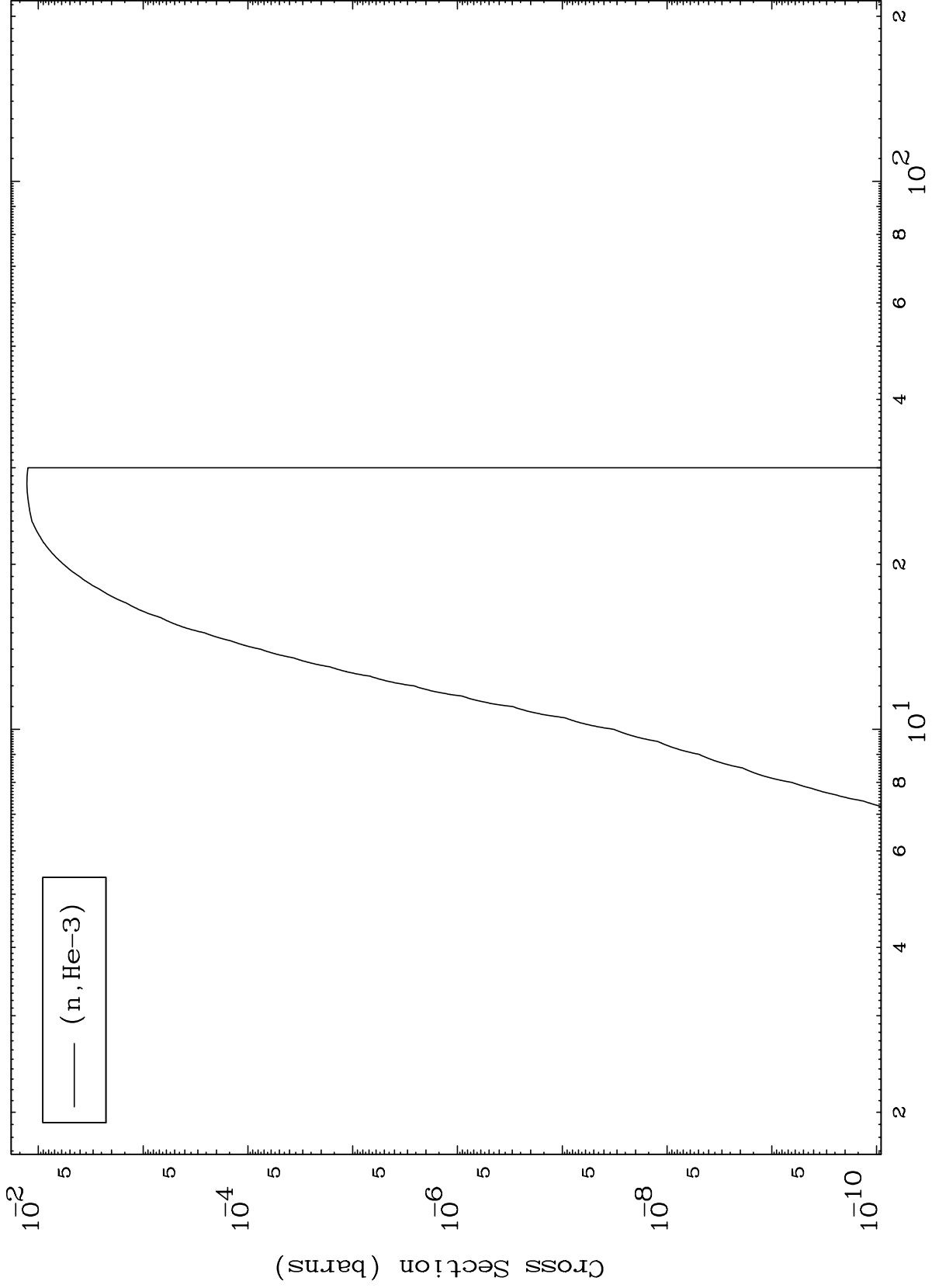
12

39-Y -81

MAT 3901

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -81



13

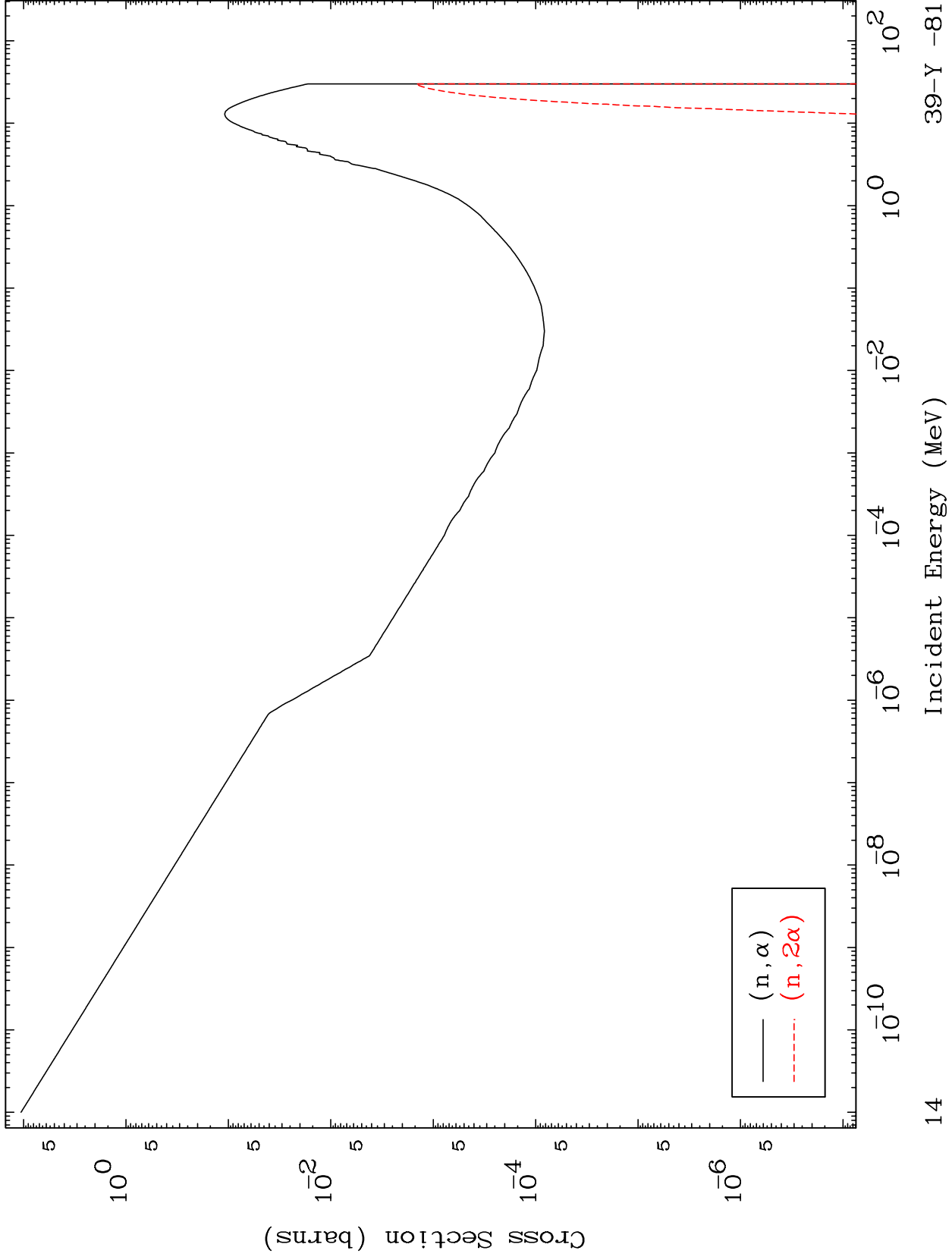
Incident Energy (MeV)

39-Y -81

MAT 3901

(n,α) Levels
293 Kelvin Cross Sections

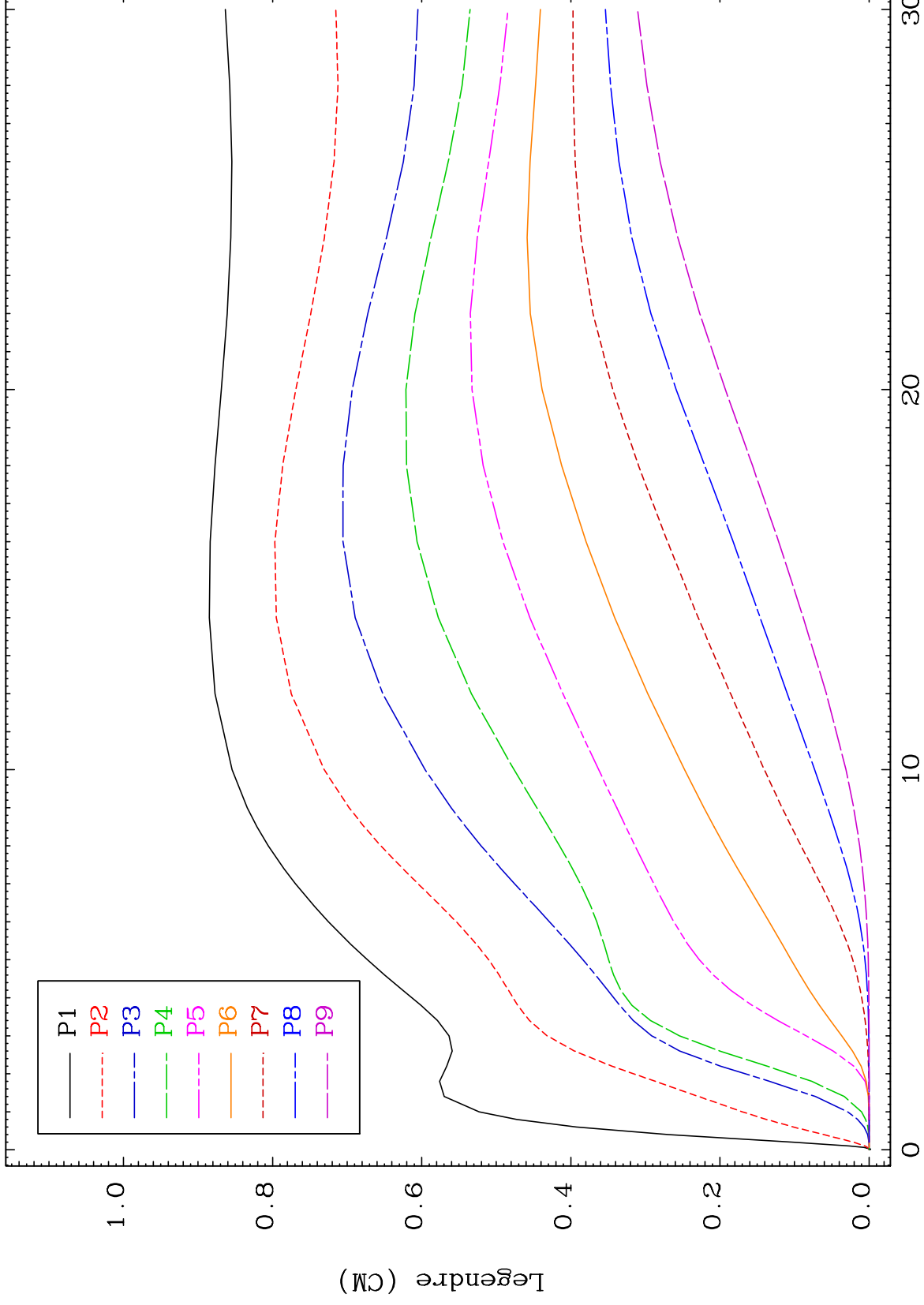
39-Y -81



MAT 3901

Elastic Legendre Coefficients

39-Y -81



0

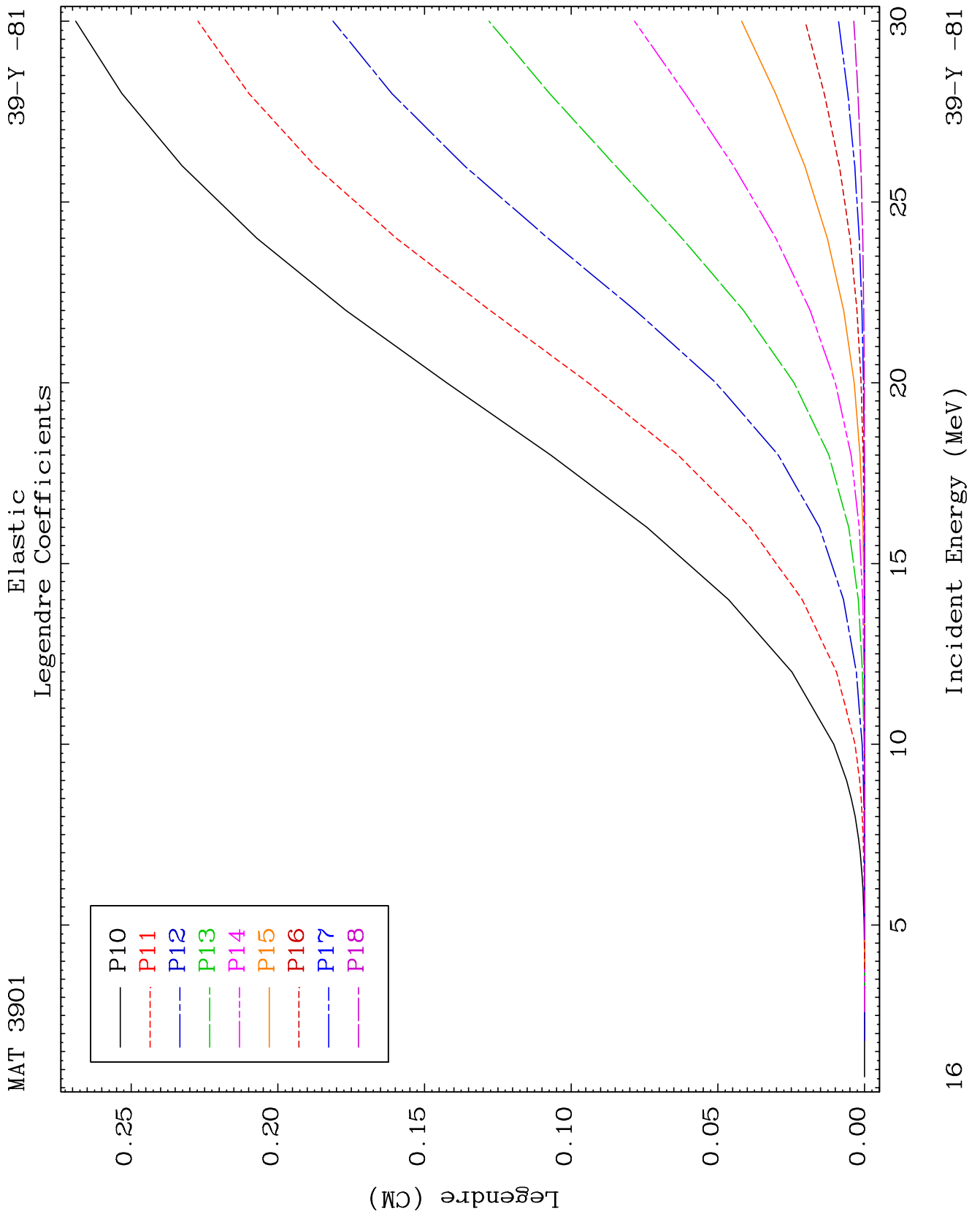
10

20

30

Incident Energy (MeV)

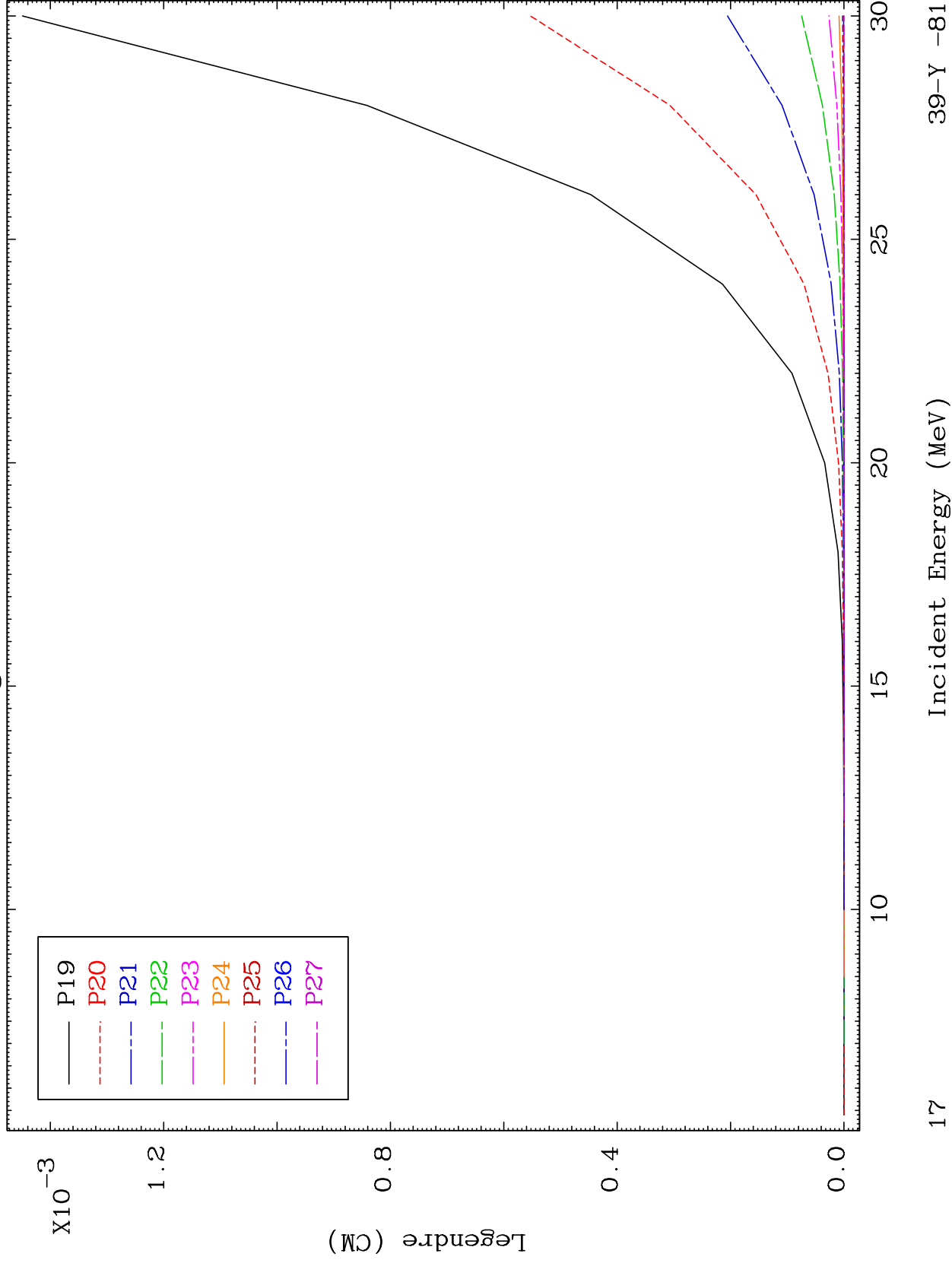
39-Y -81

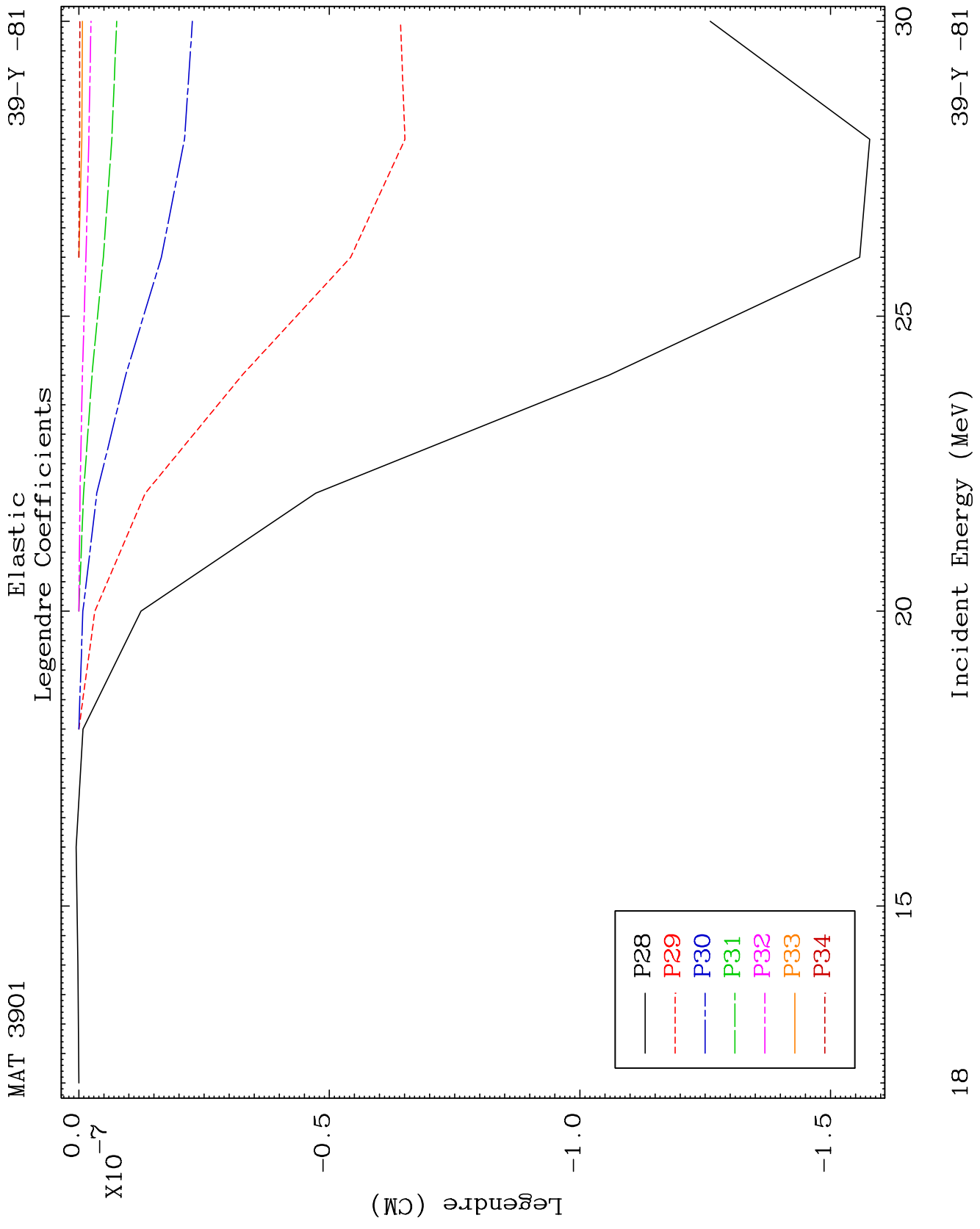


MAT 3901

Elastic Legendre Coefficients

39-Y -81

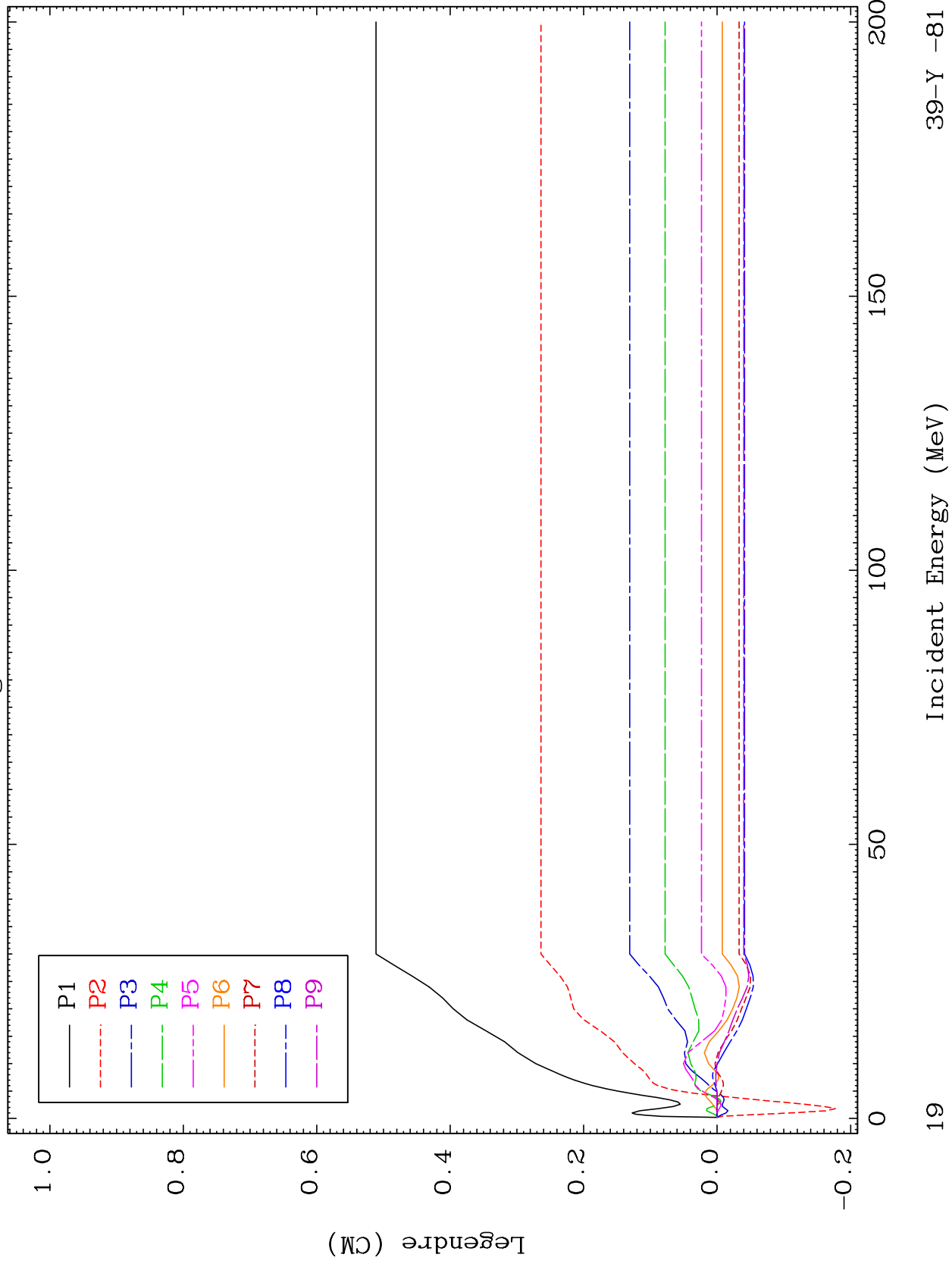




MAT 3901

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

39-Y -81



19

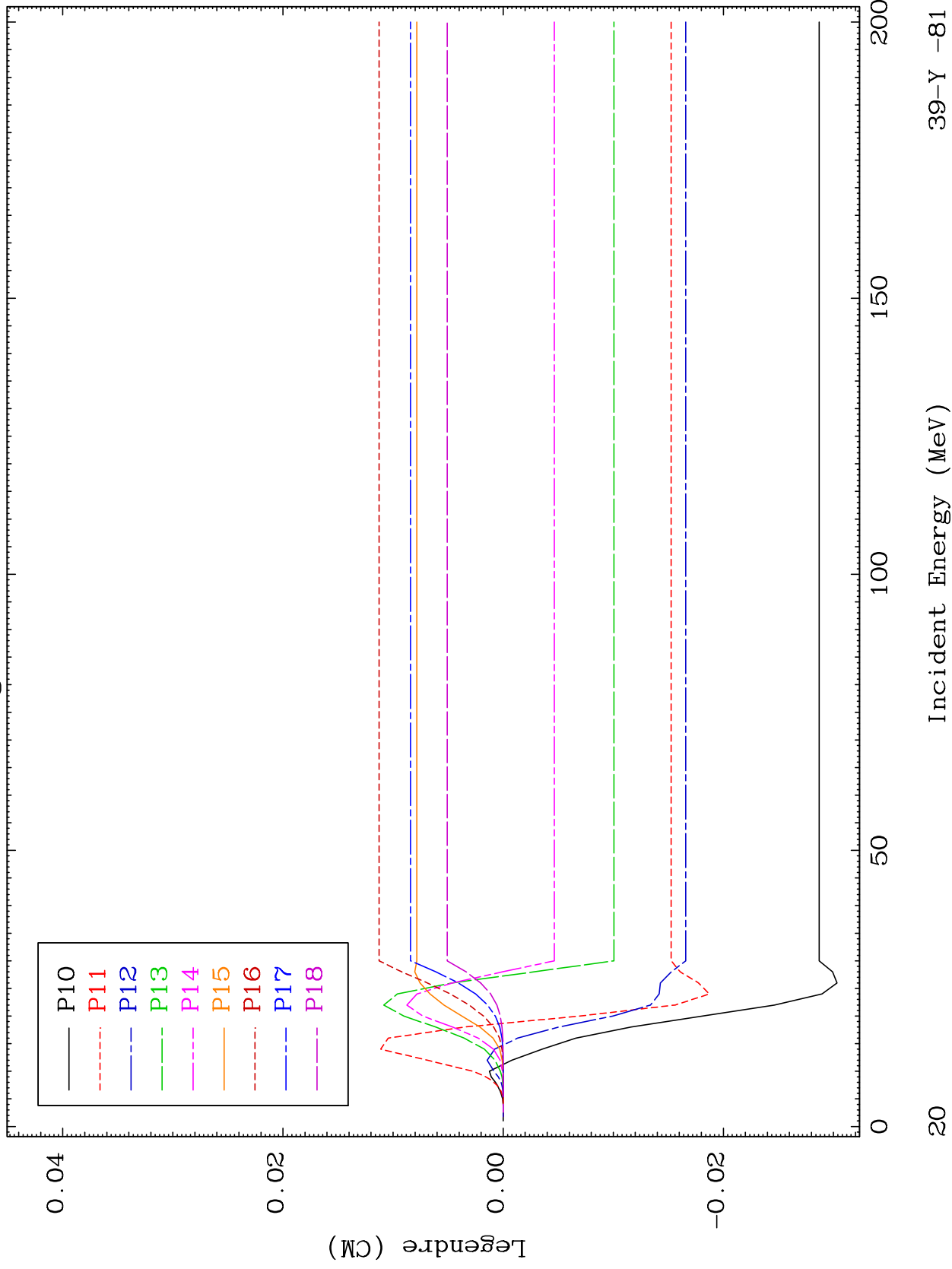
Incident Energy (MeV)

39-Y -81

MAT 3901

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

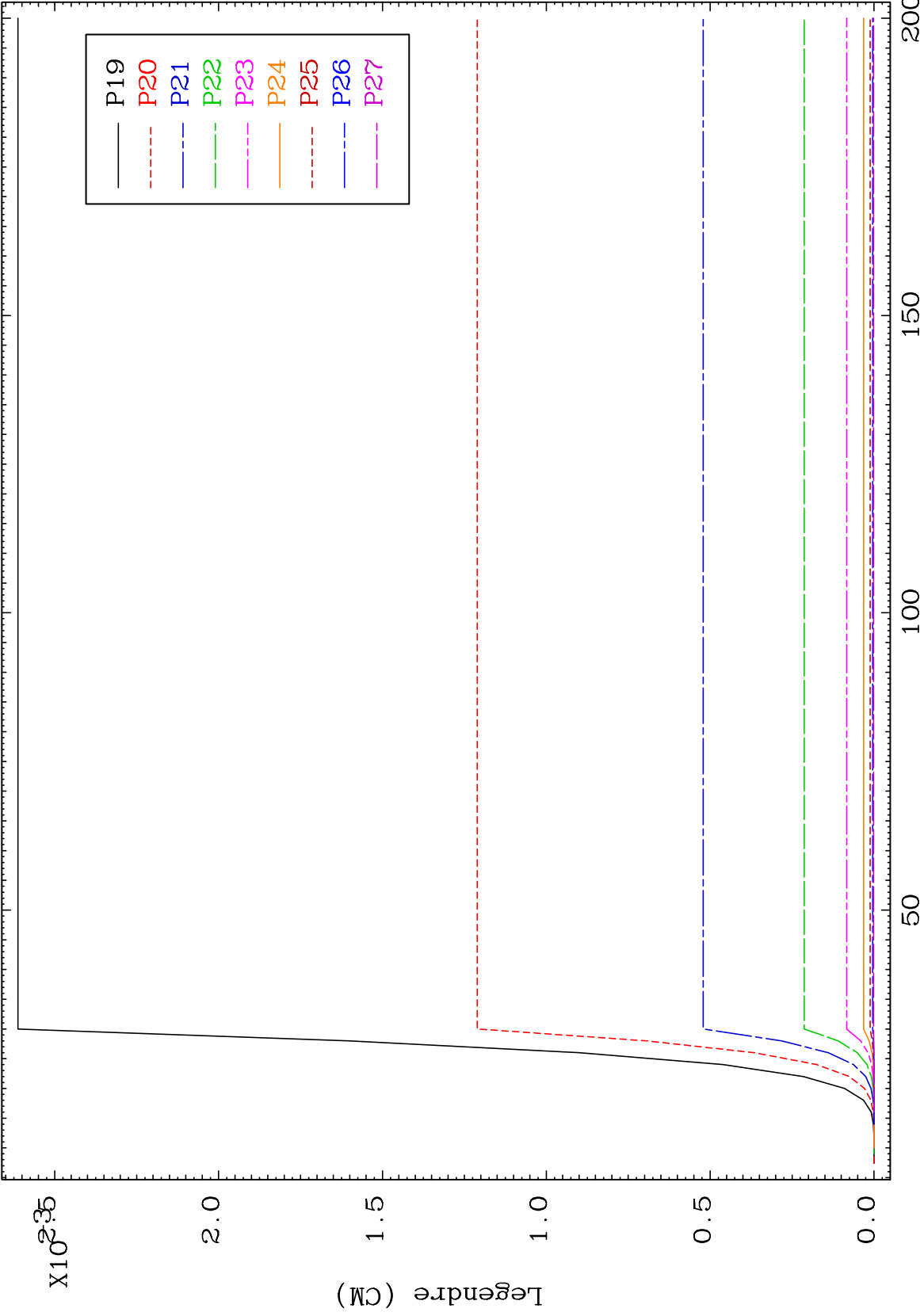
39-Y -81



39-Y -81

Incident Energy (MeV)

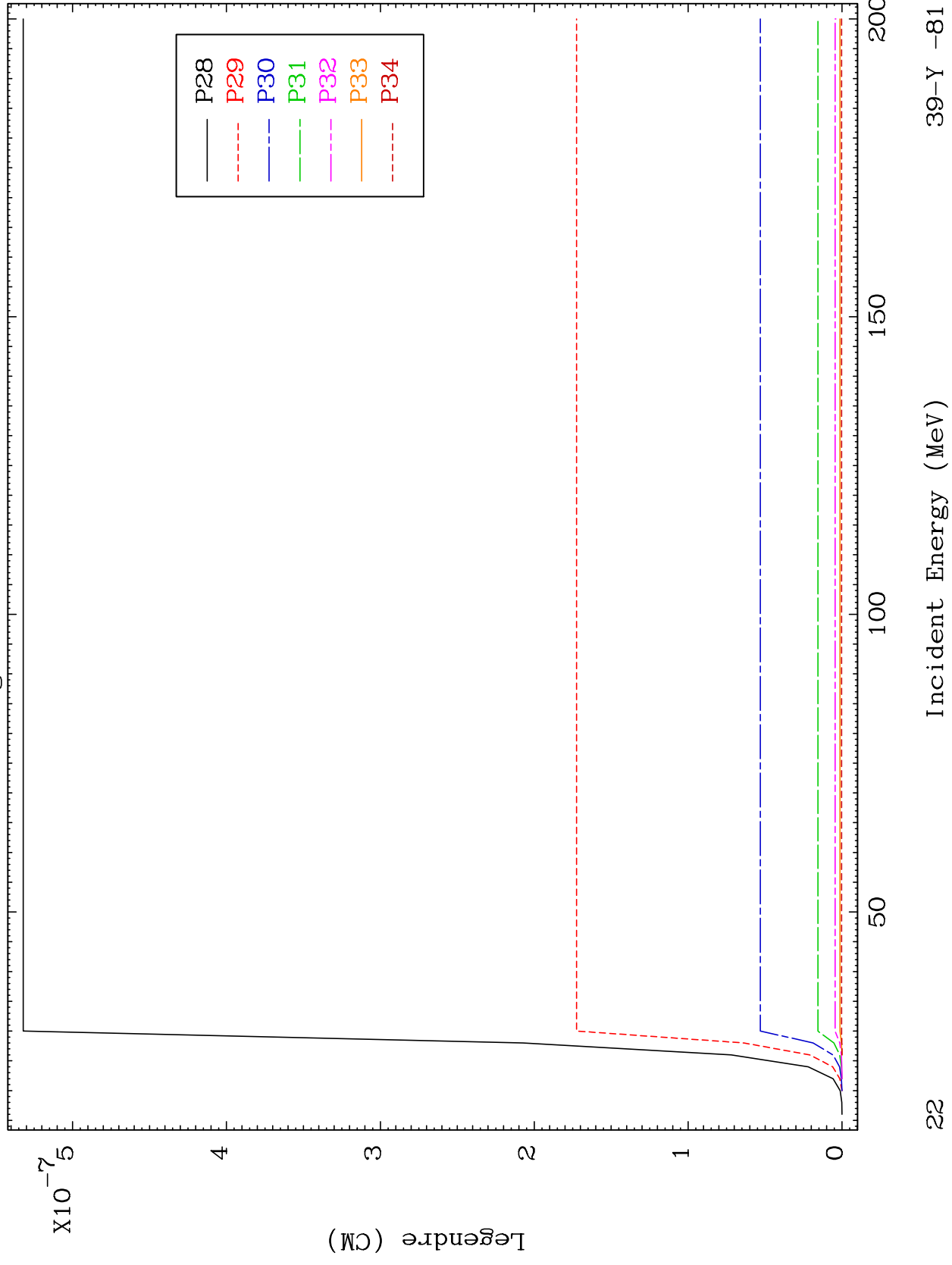
20



MAT 3901

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

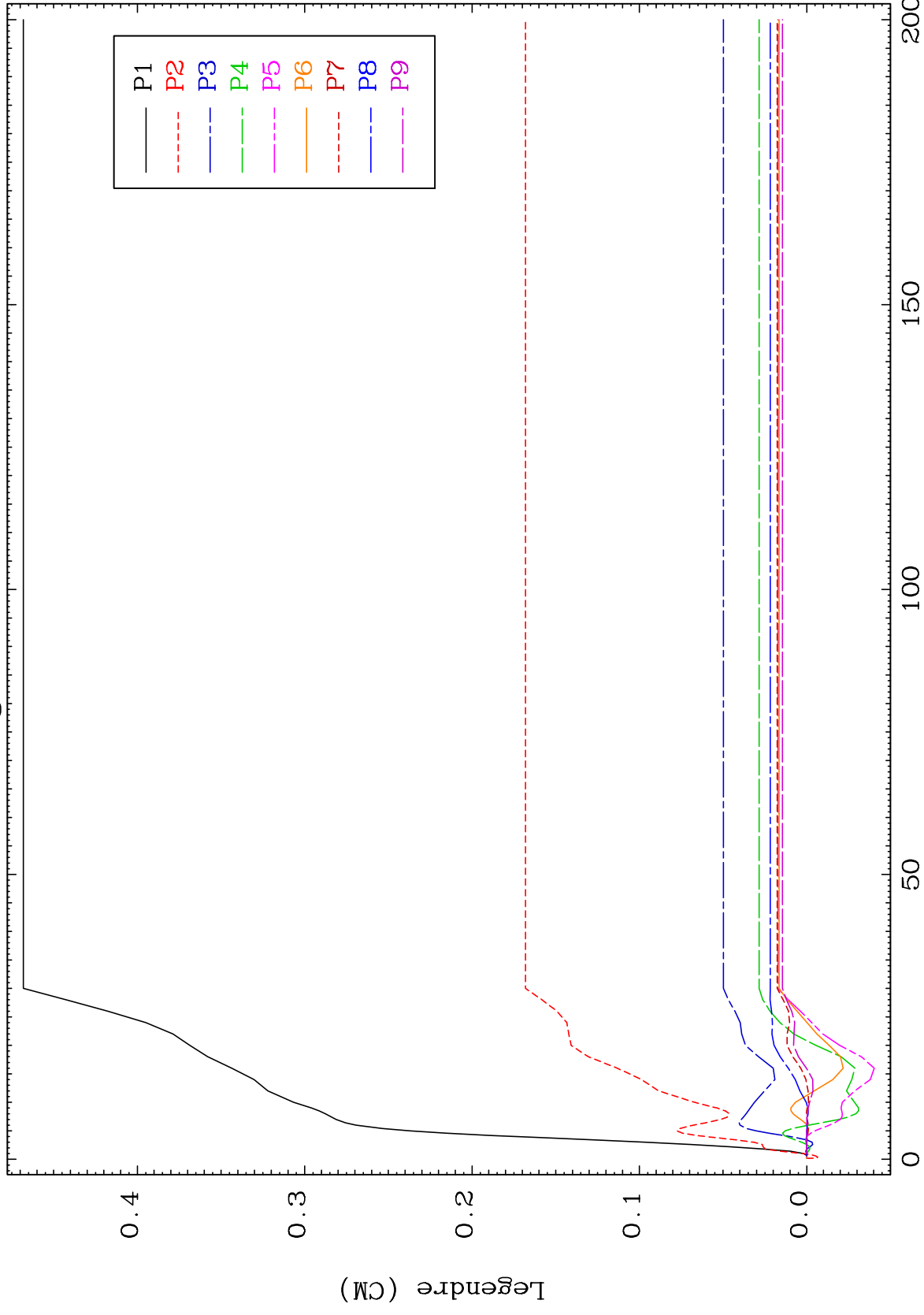
39-Y -81



MAT 3901

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

39-Y -81



23

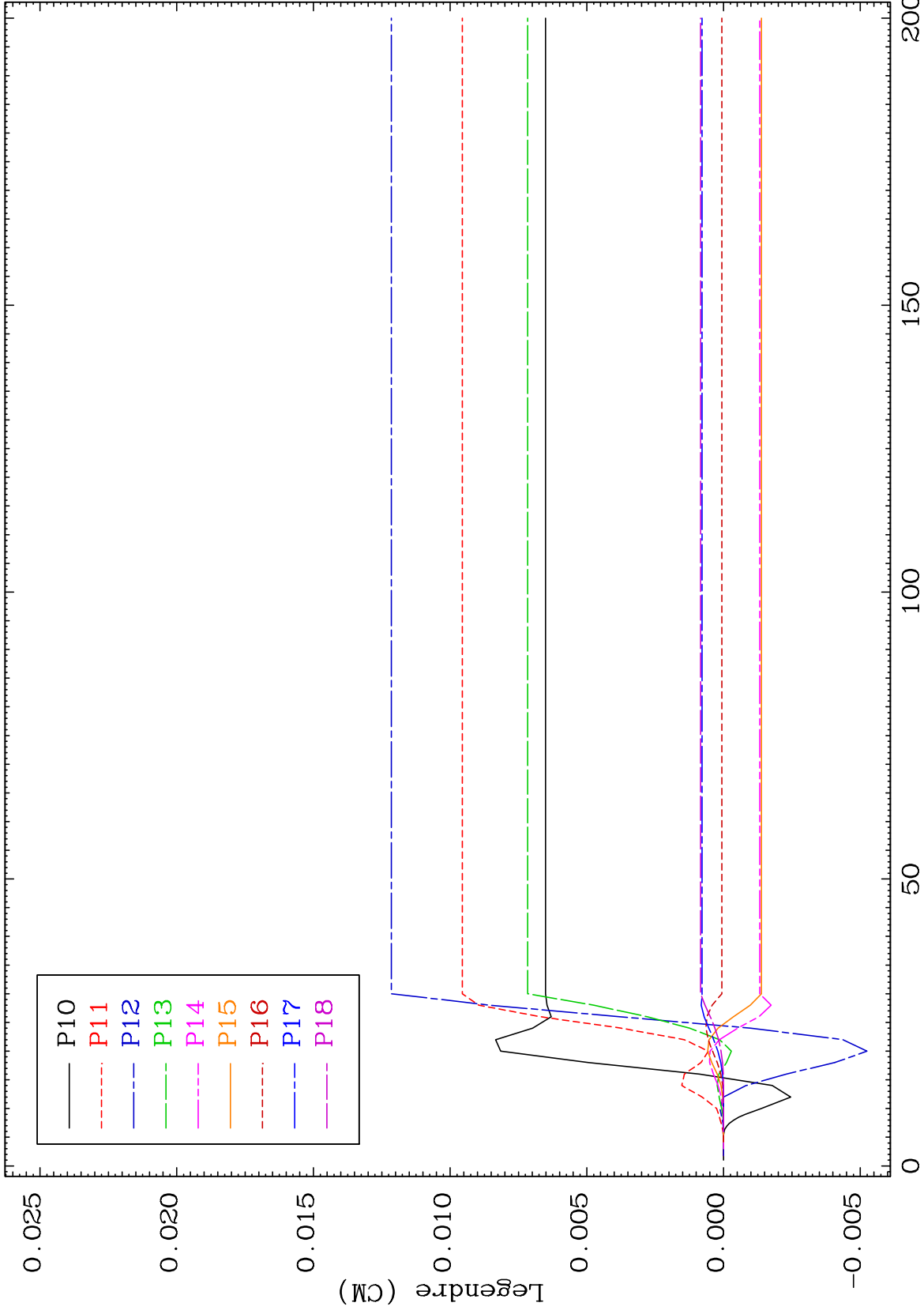
Incident Energy (MeV)

39-Y -81

MAT 3901

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

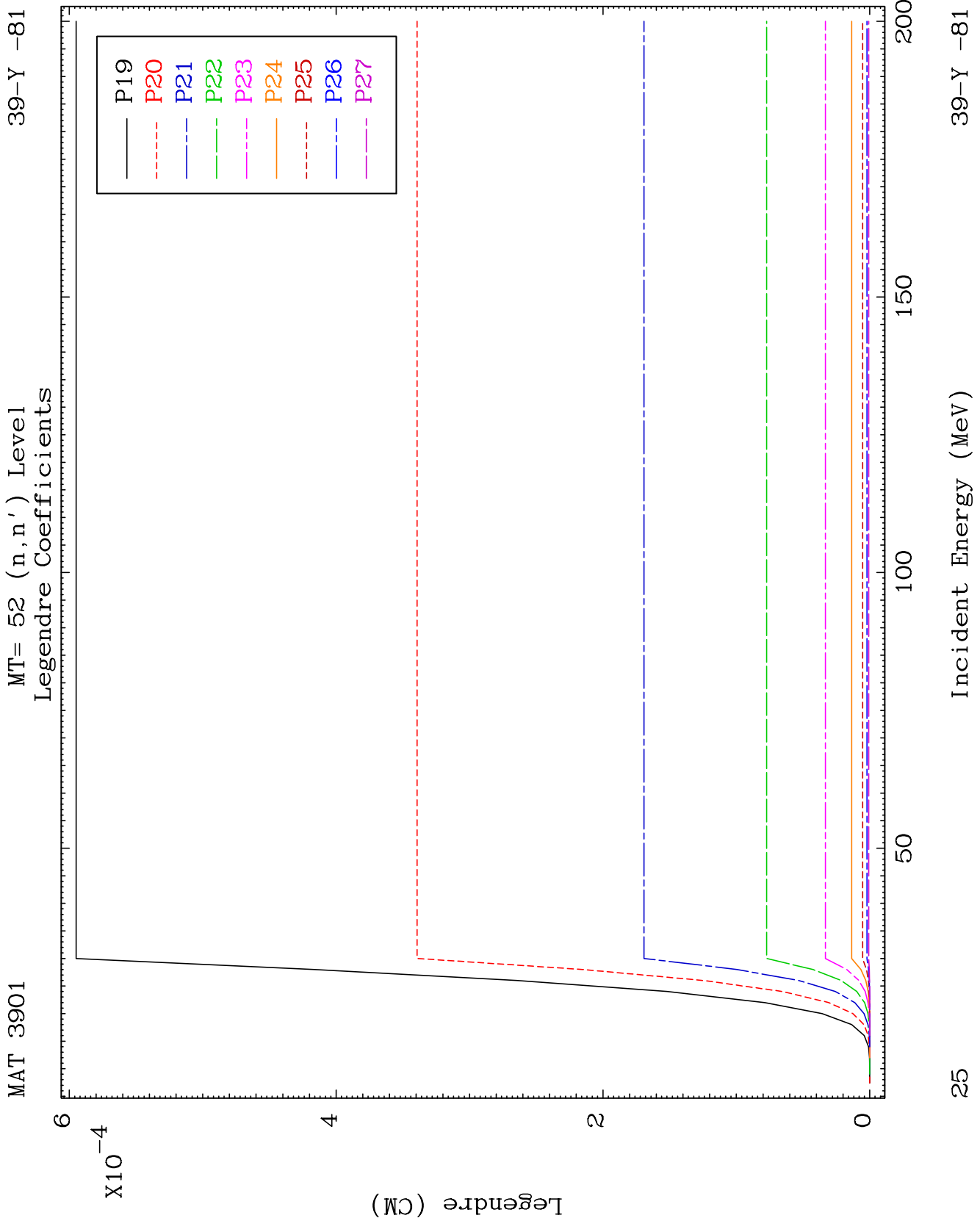
39-Y -81



24

Incident Energy (MeV)

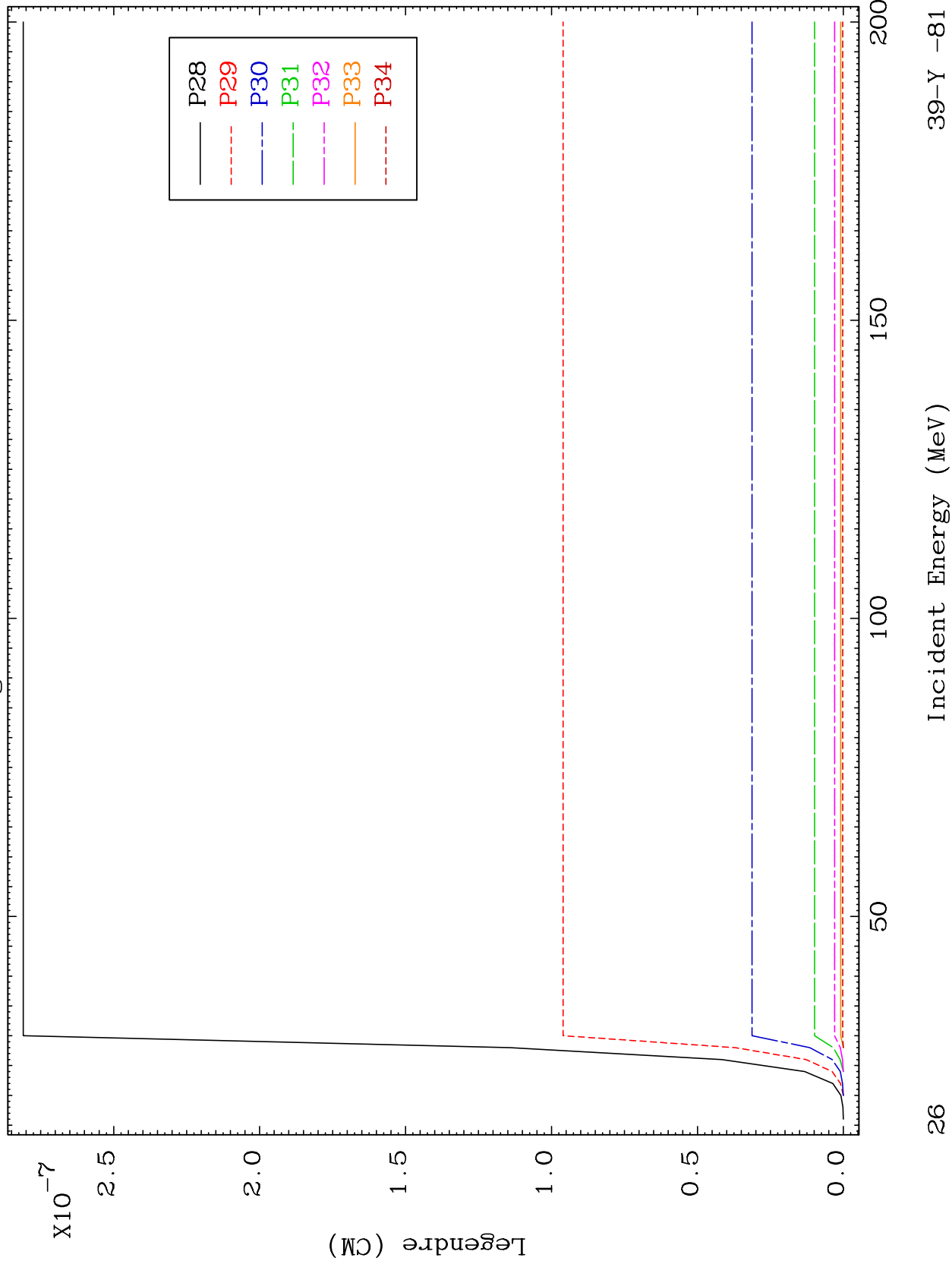
39-Y -81



MAT 3901

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

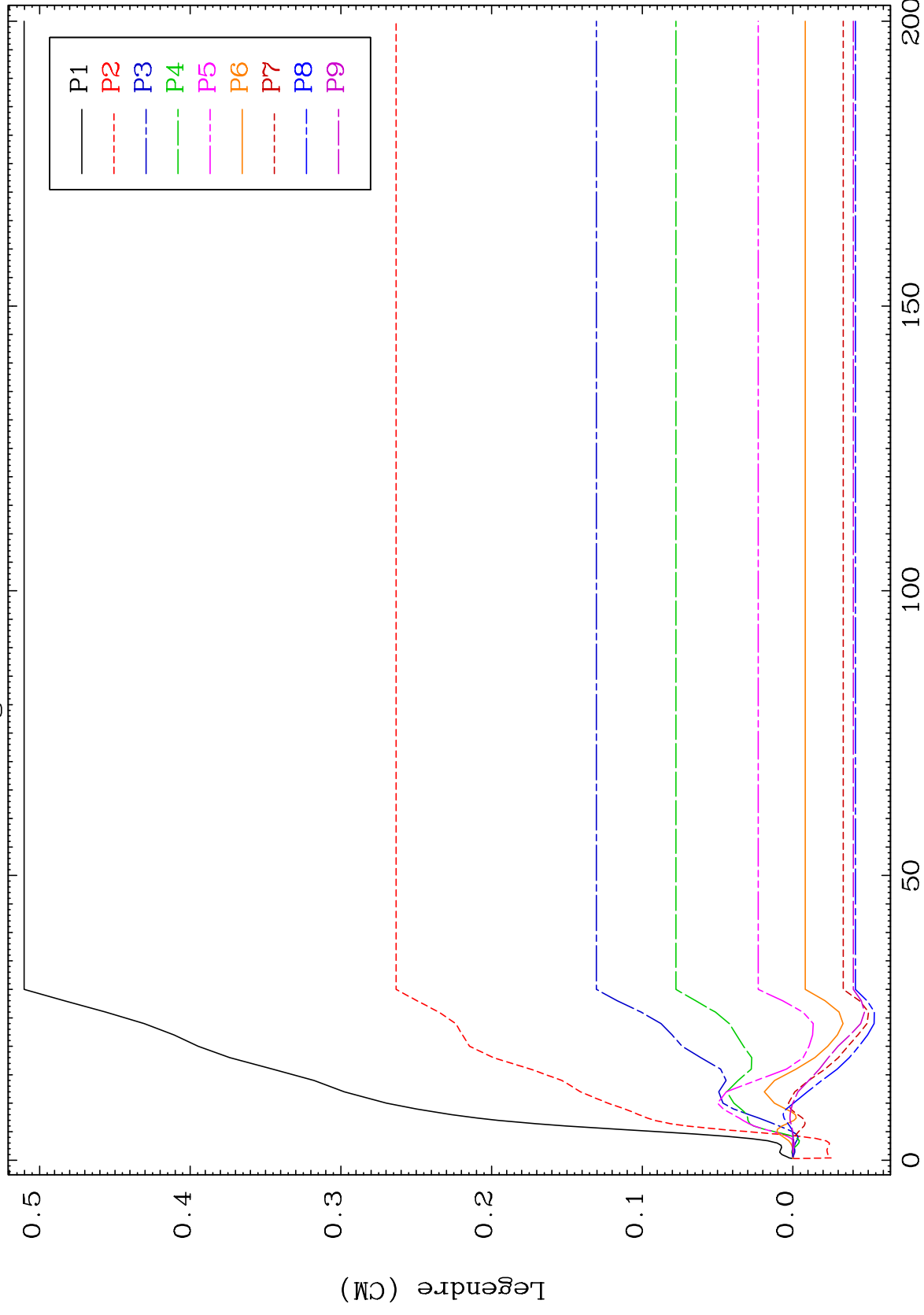
39-Y -81



MAT 3901

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

39-Y -81



27

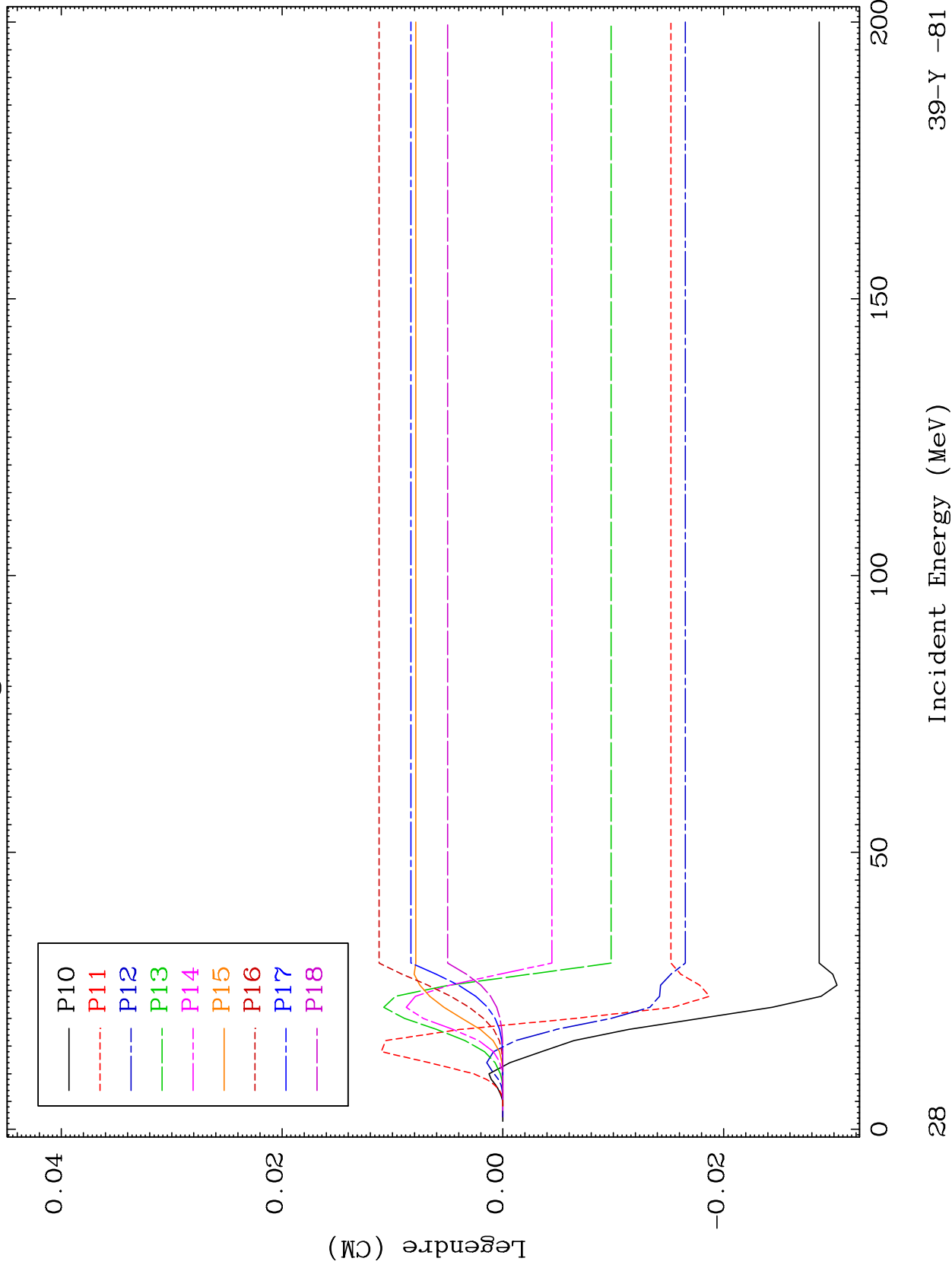
Incident Energy (MeV)

39-Y -81

MAT 3901

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

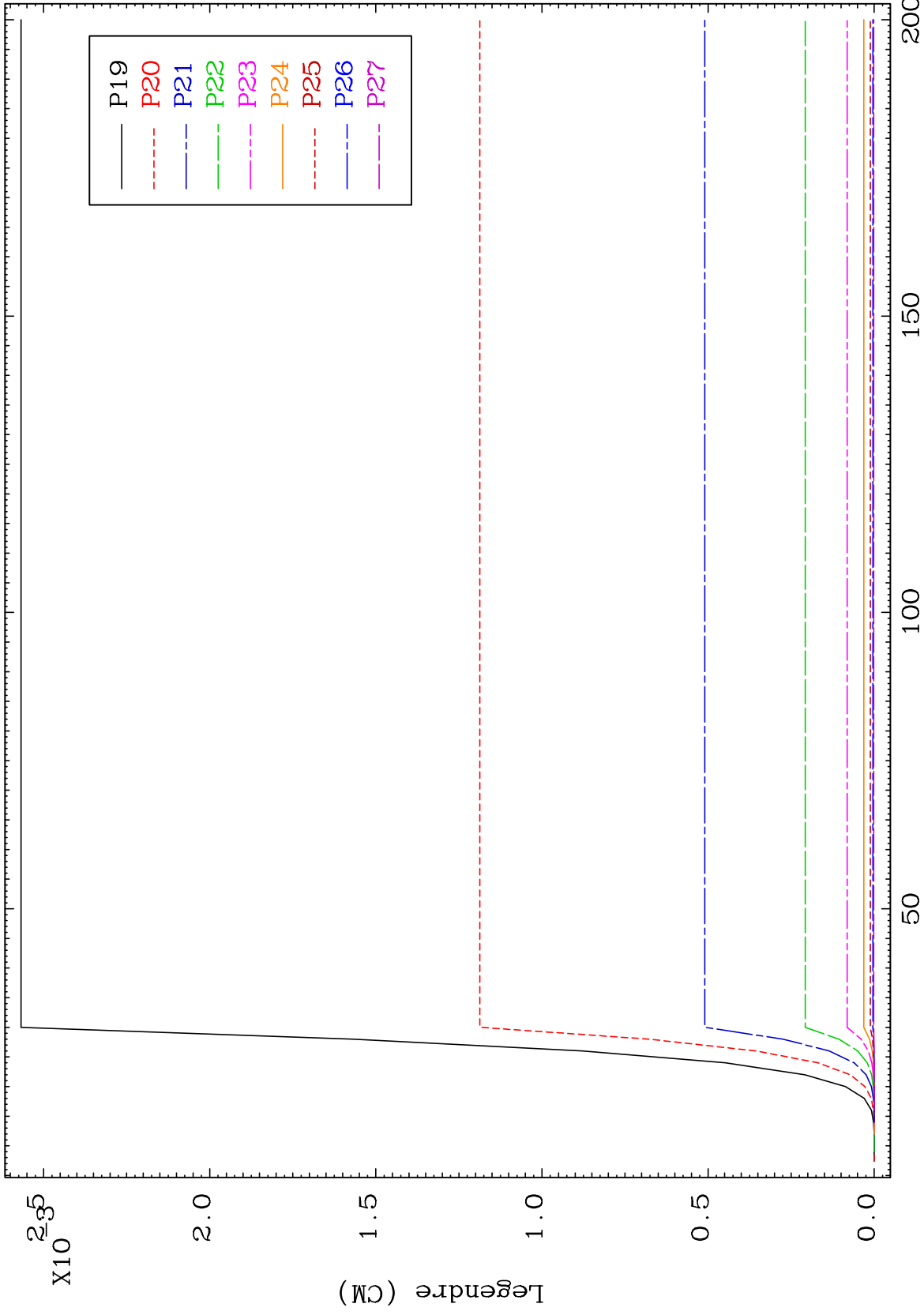
39-Y -81



28

Incident Energy (MeV)

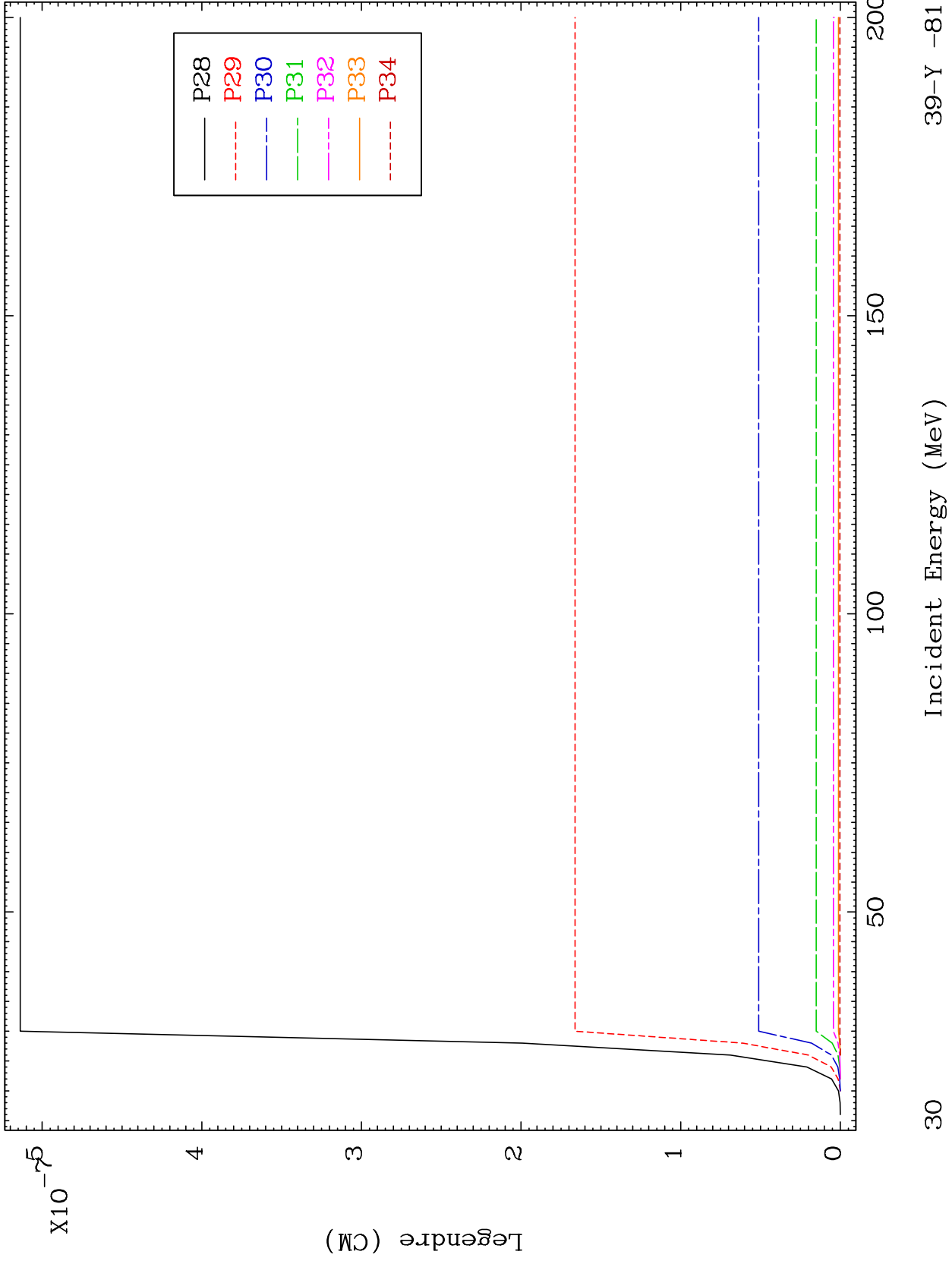
39-Y -81



MAT 3901

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

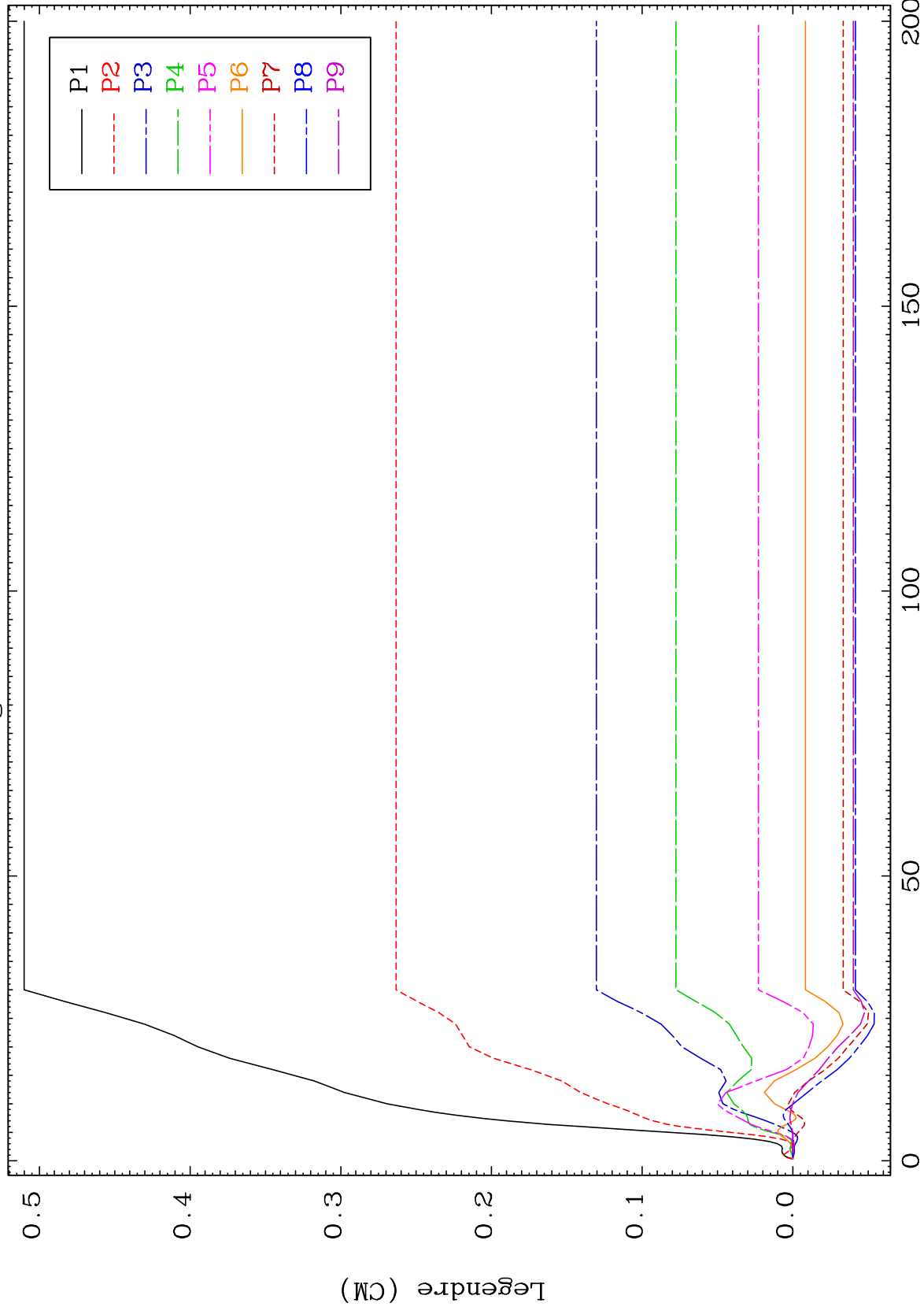
39-Y -81



MAT 3901

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

39-Y -81



31

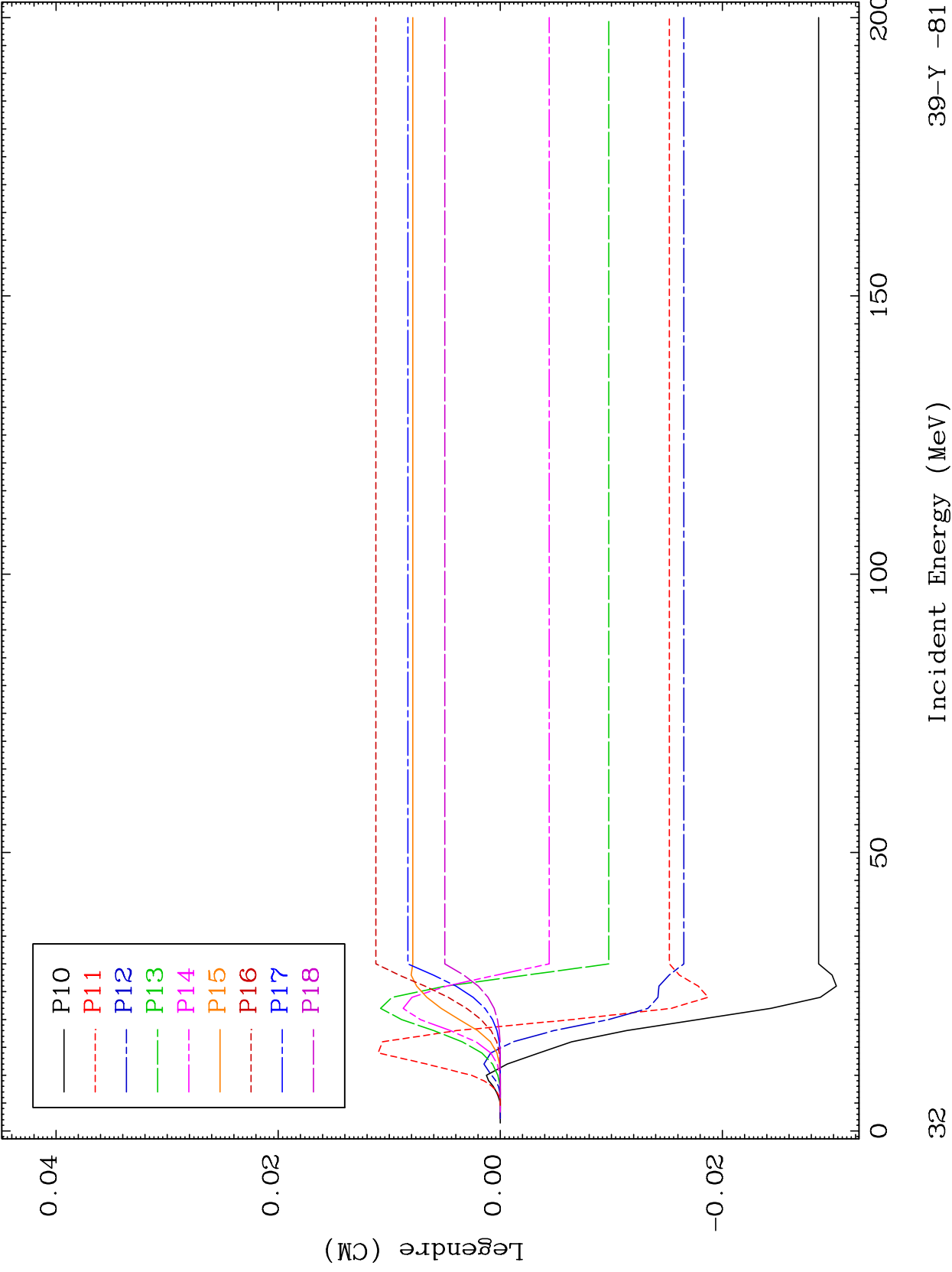
Incident Energy (MeV)

39-Y -81

MAT 3901

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

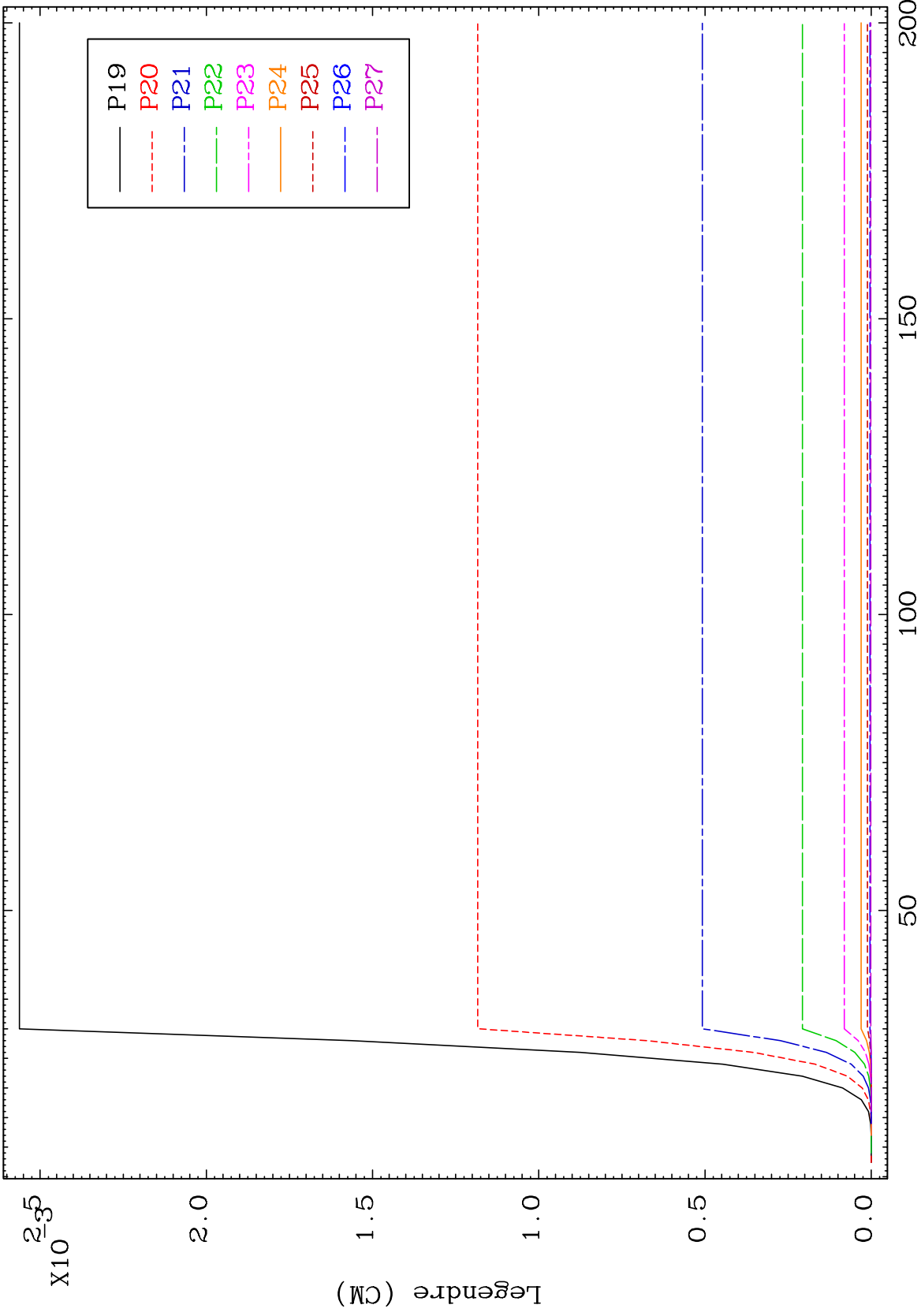
39-Y -81



32

Incident Energy (MeV)

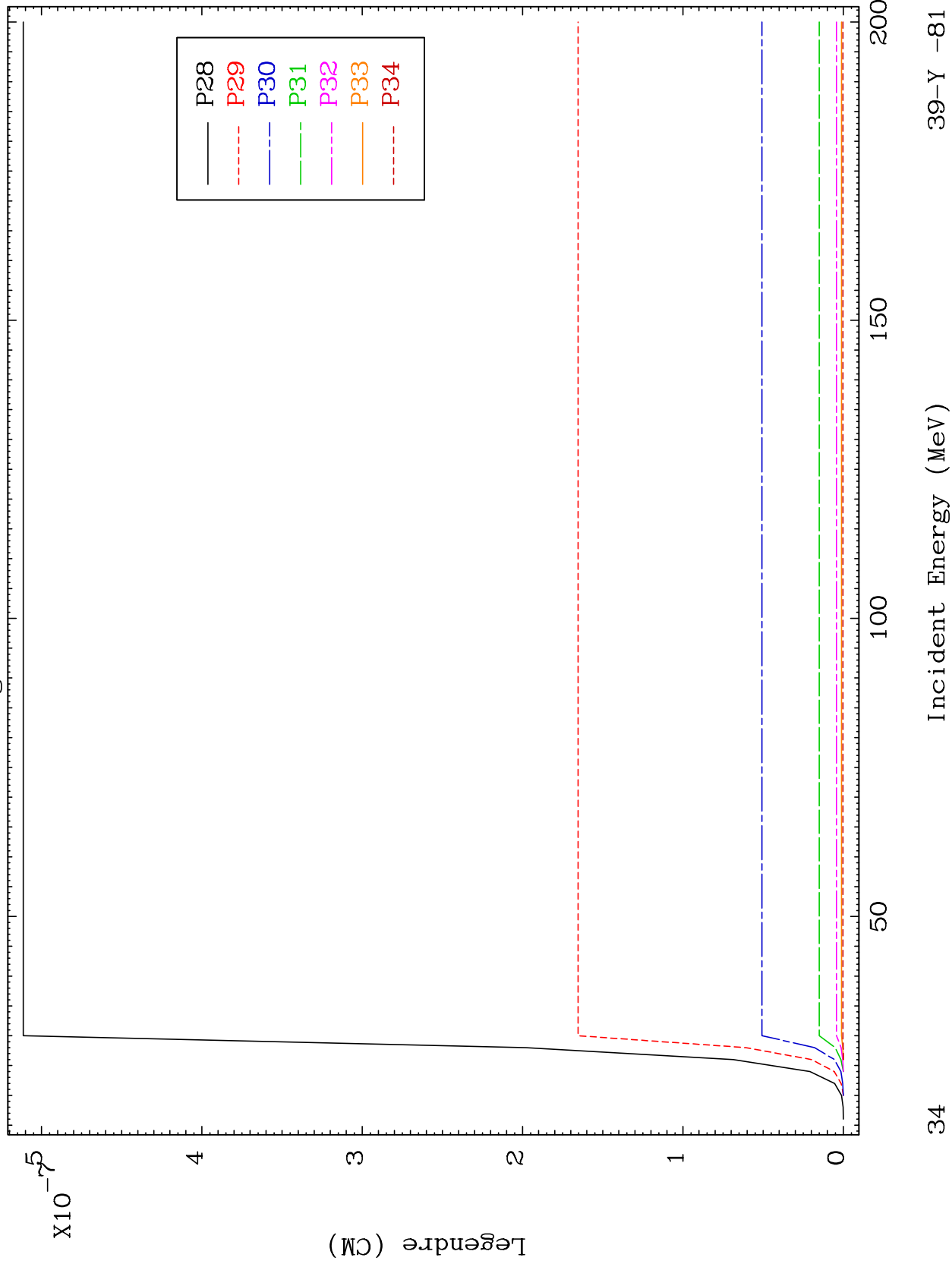
39-Y -81



MAT 3901

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

39-Y -81



34

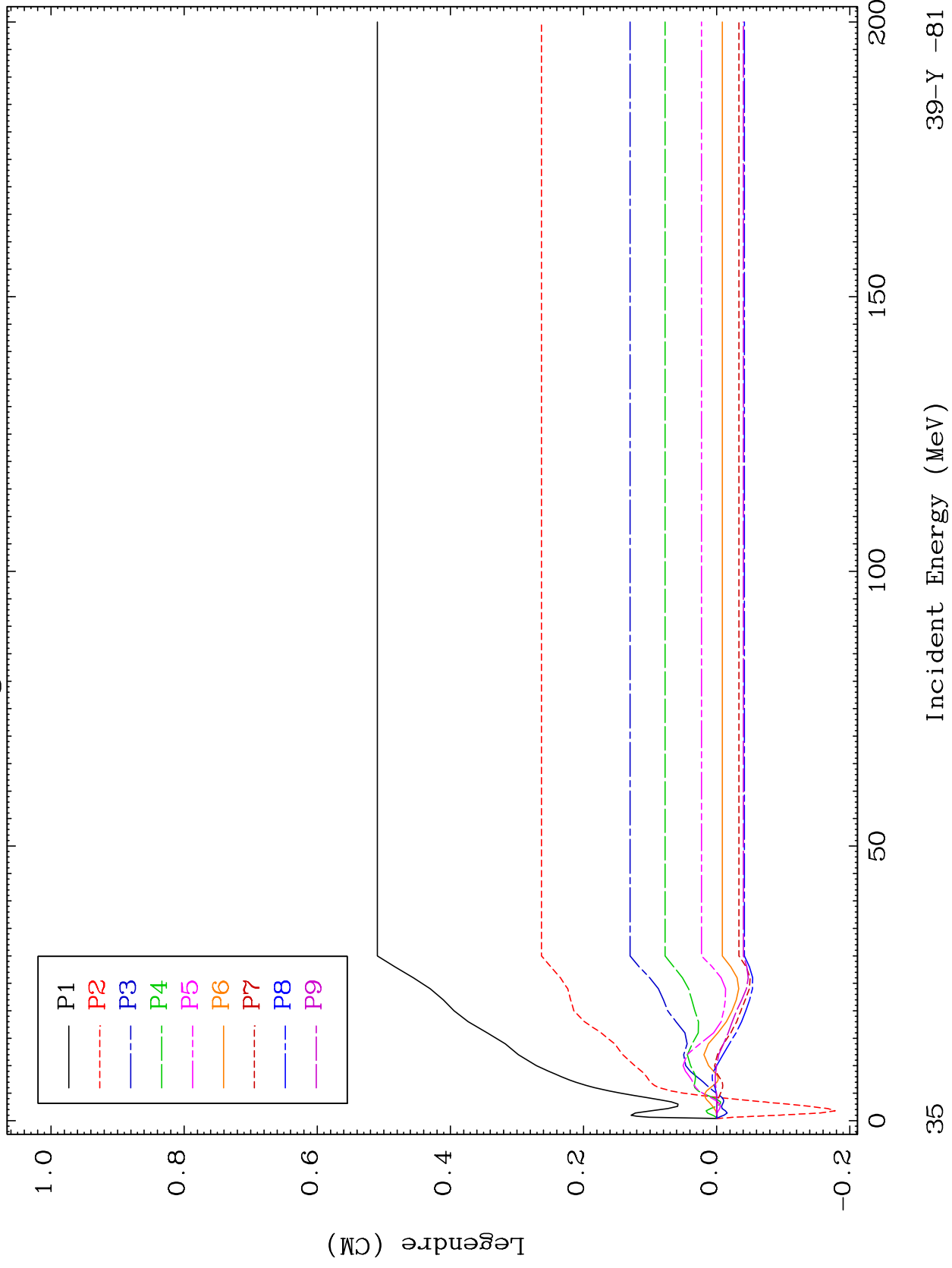
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



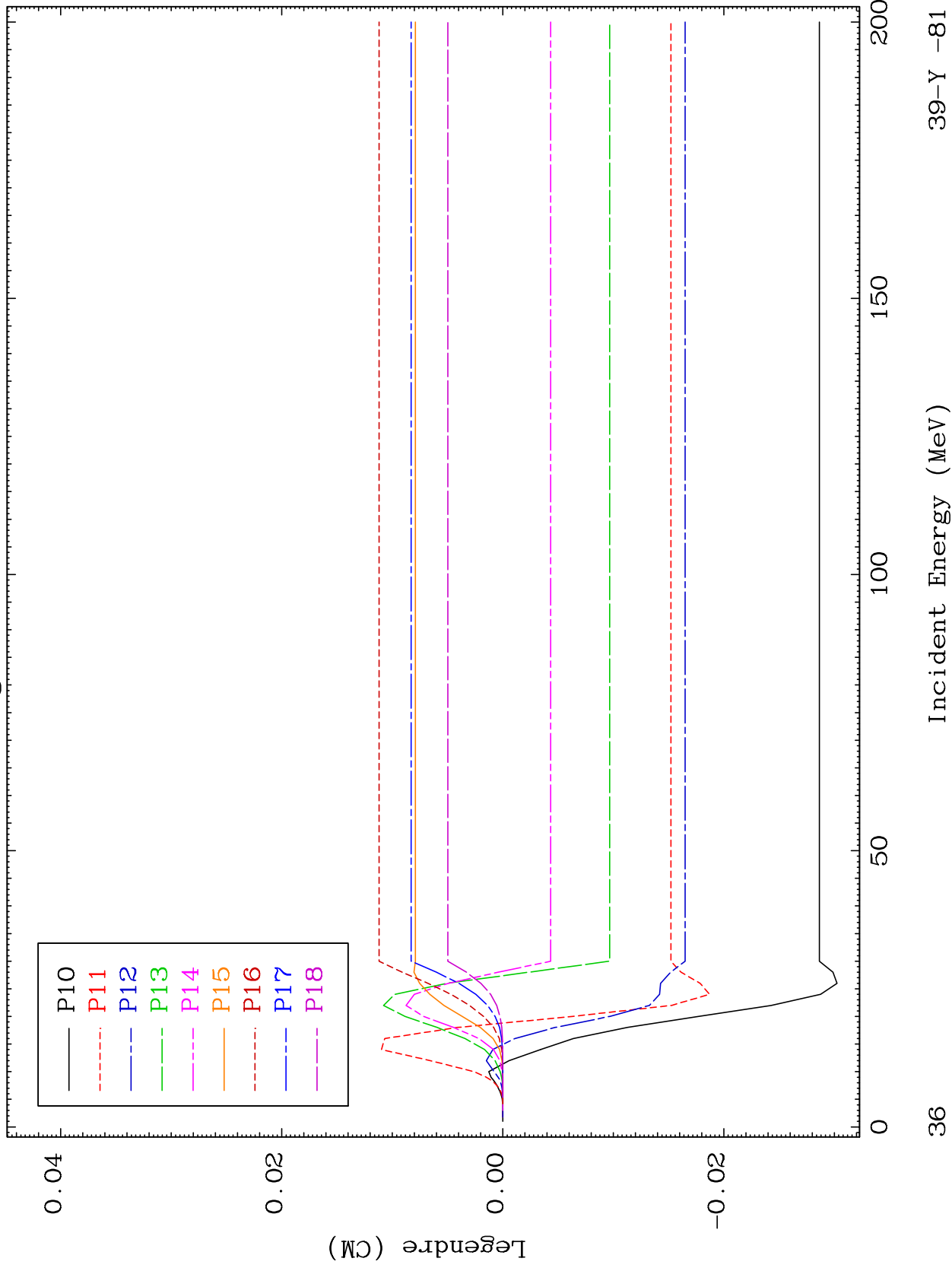
39-Y -81

Incident Energy (MeV)

MAT 3901

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

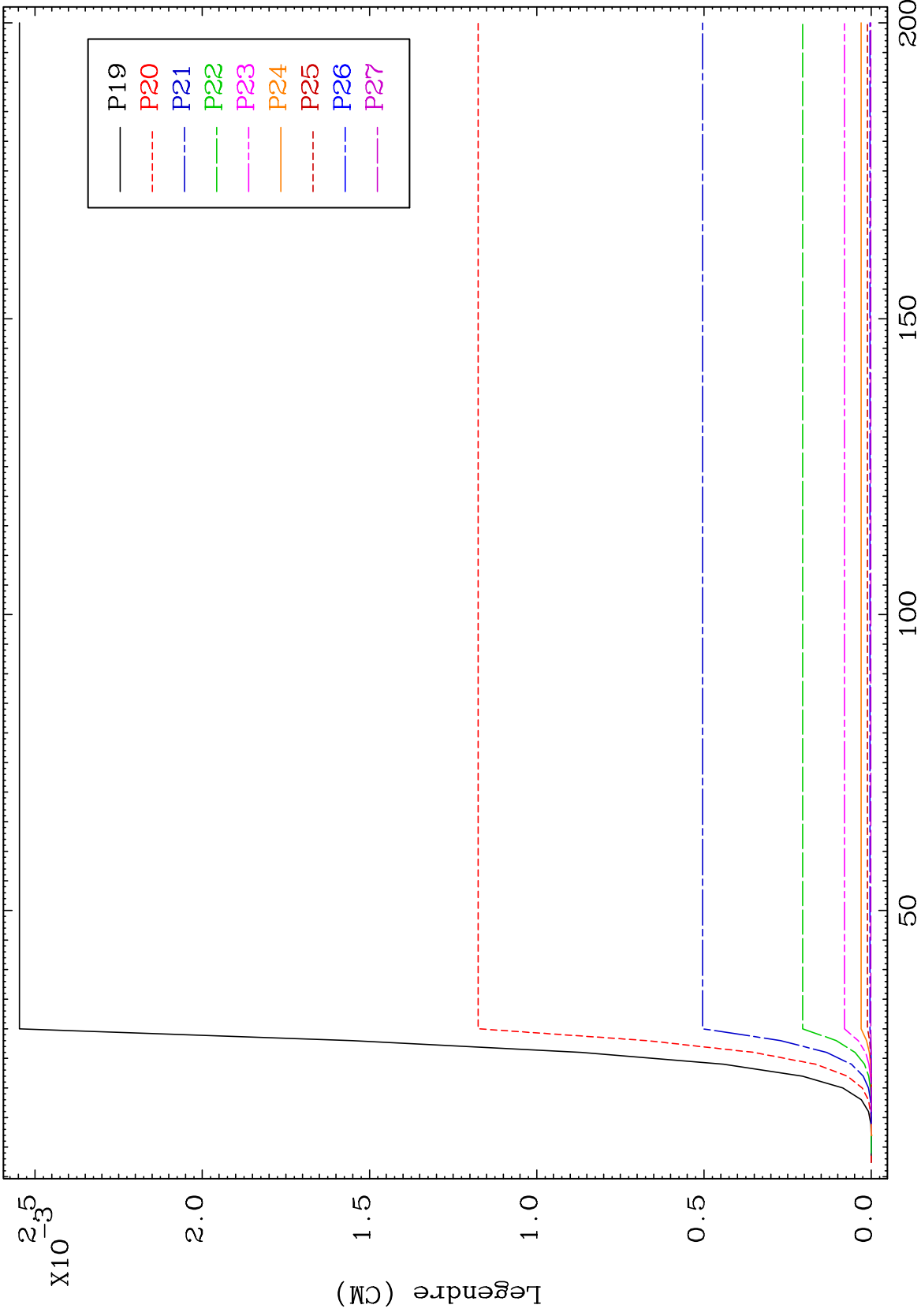
39-Y -81



36

Incident Energy (MeV)

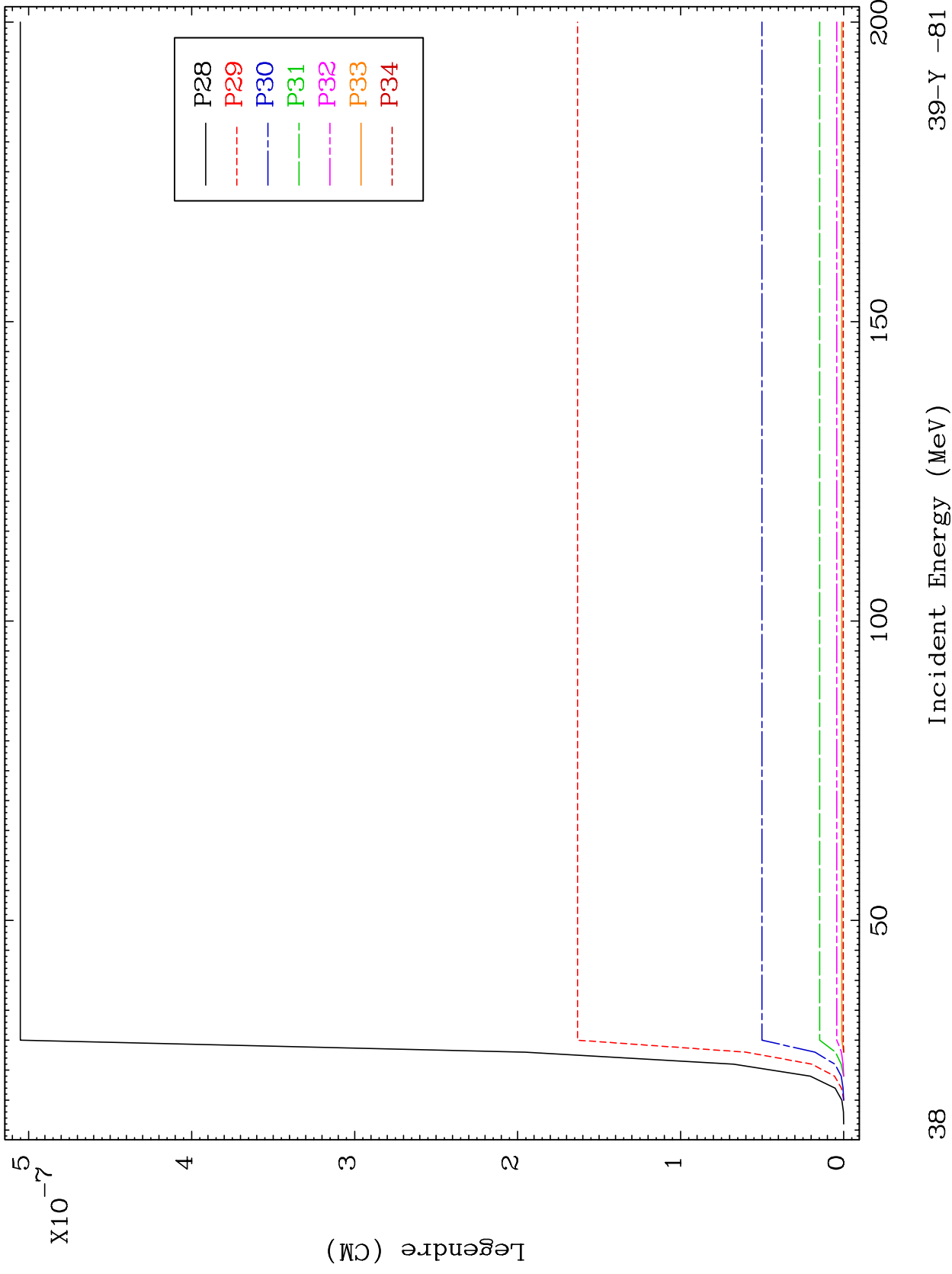
39-Y -81



MAT 3901

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

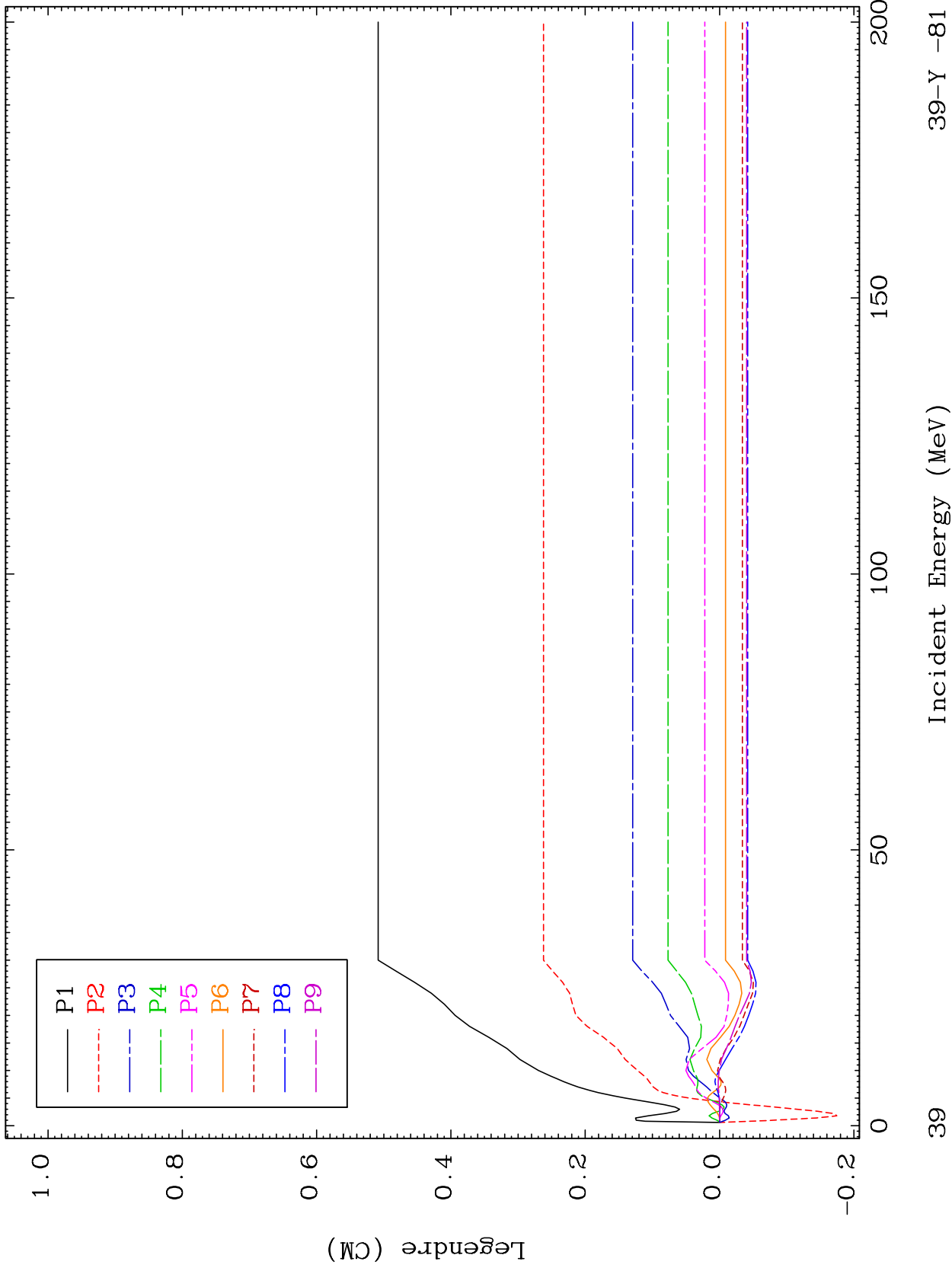
39-Y -81



MAT 3901

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

39-Y -81



39

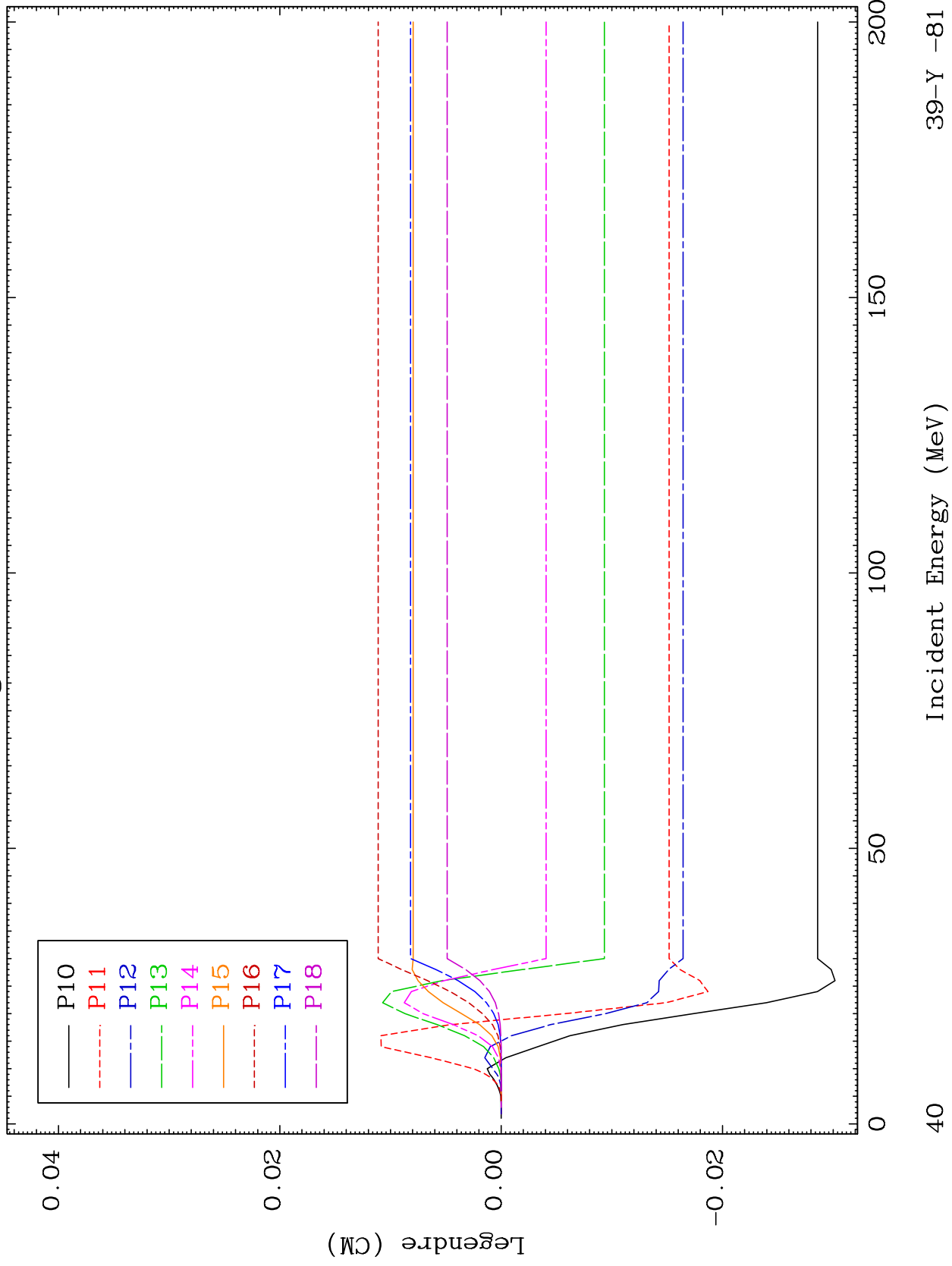
Incident Energy (MeV)

39-Y -81

MAT 3901

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

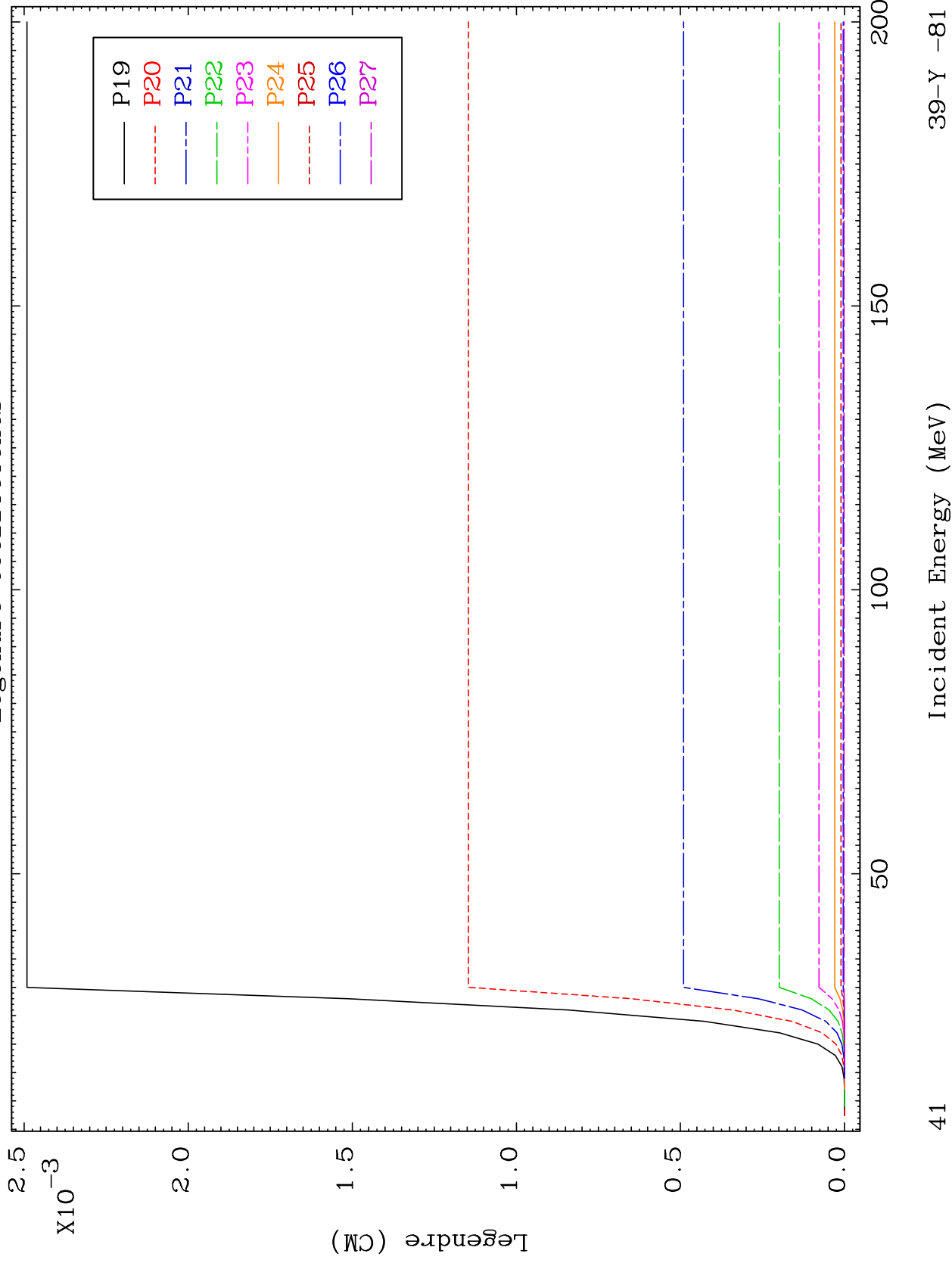
39-Y -81



39-Y -81

Incident Energy (MeV)

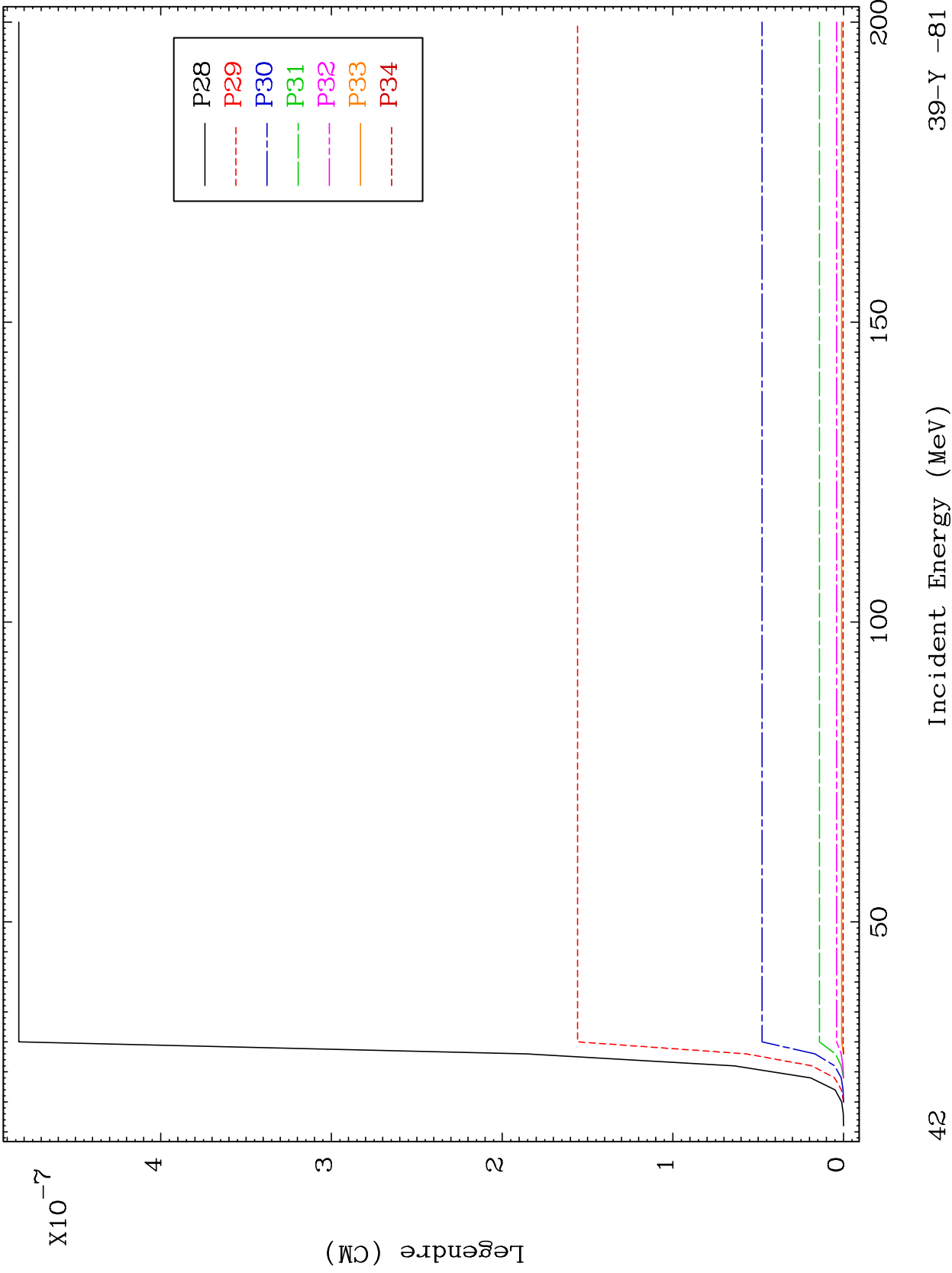
40



MAT 3901

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

39-Y -81



42

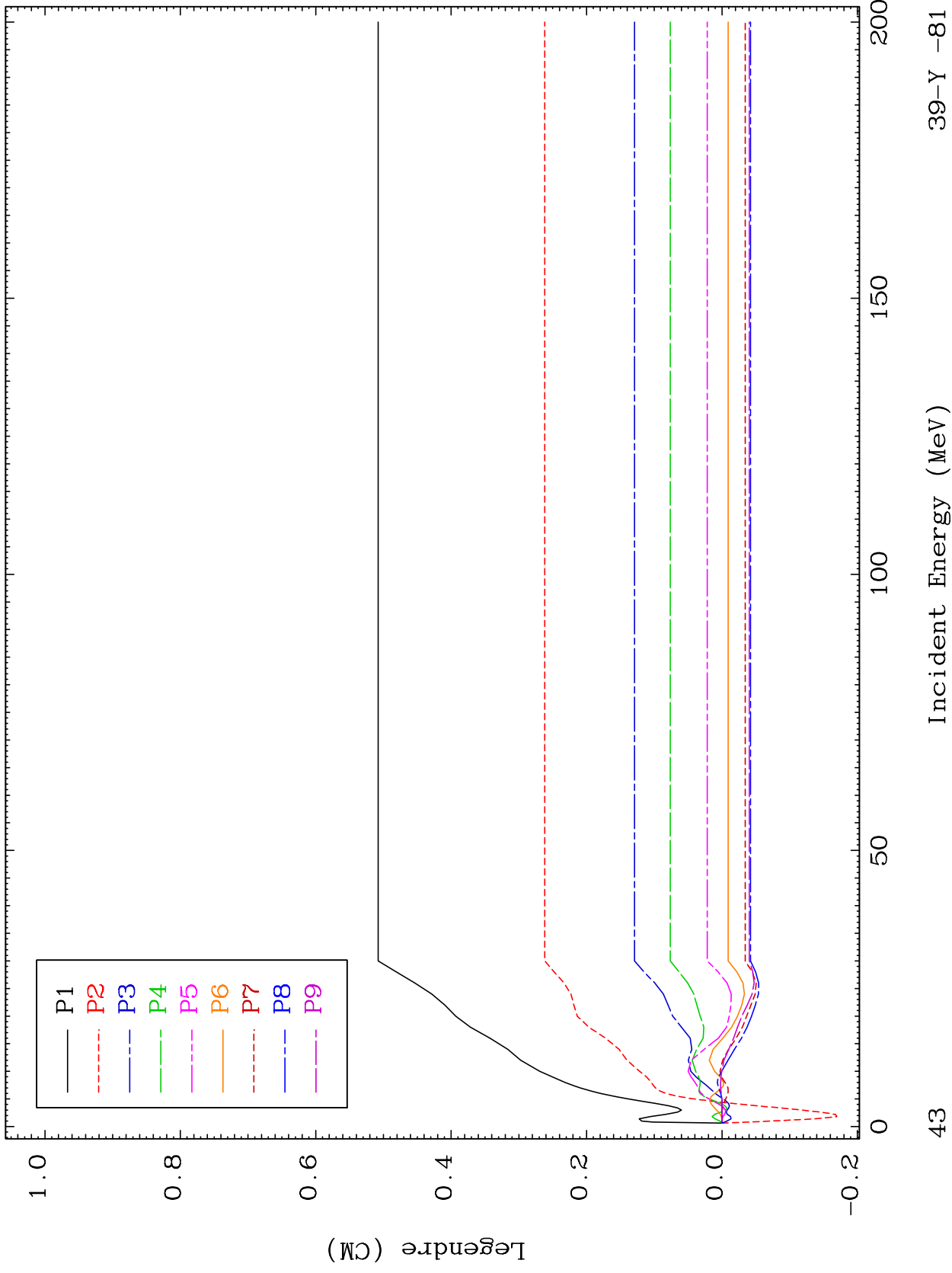
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



43

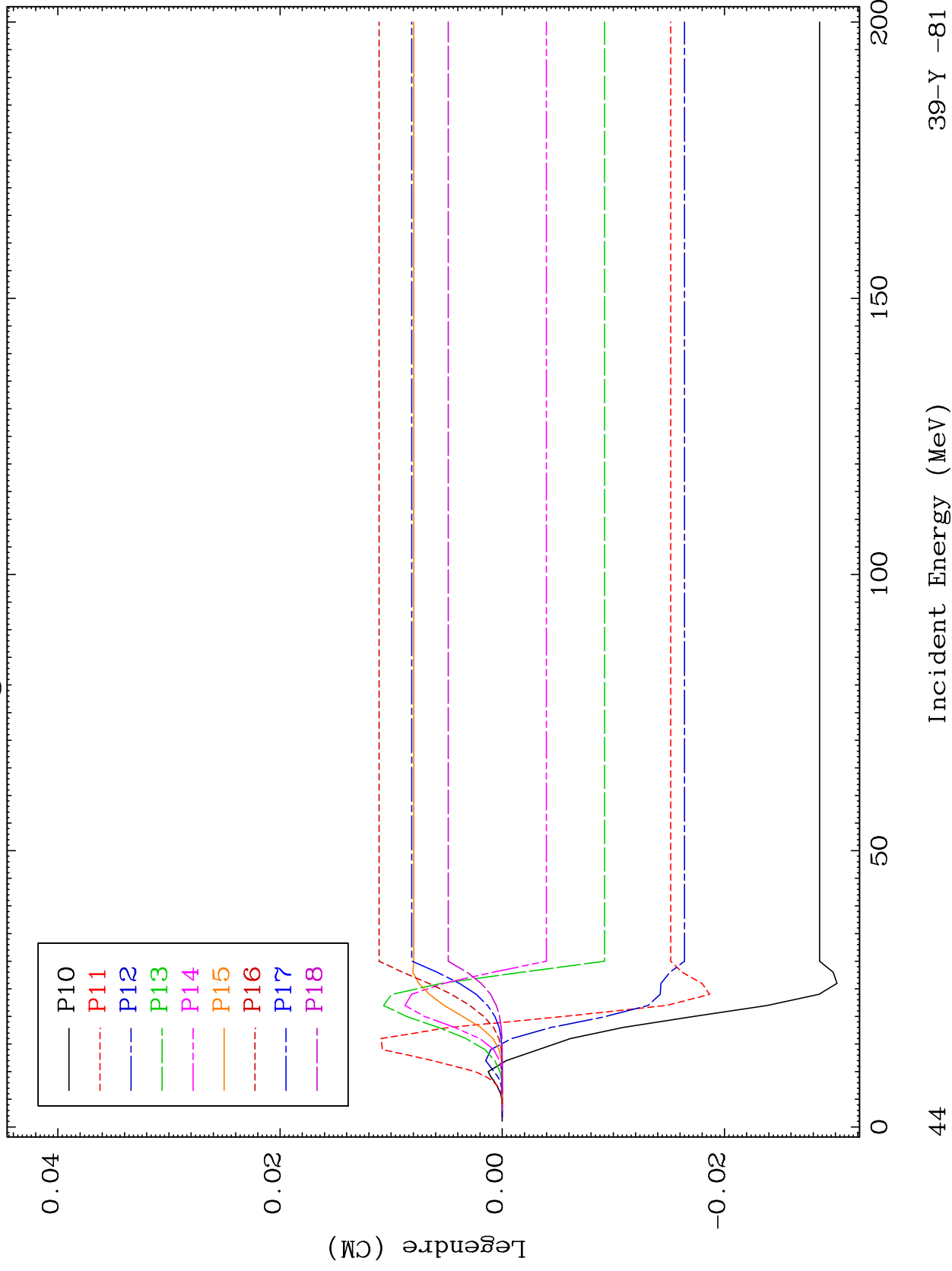
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



44

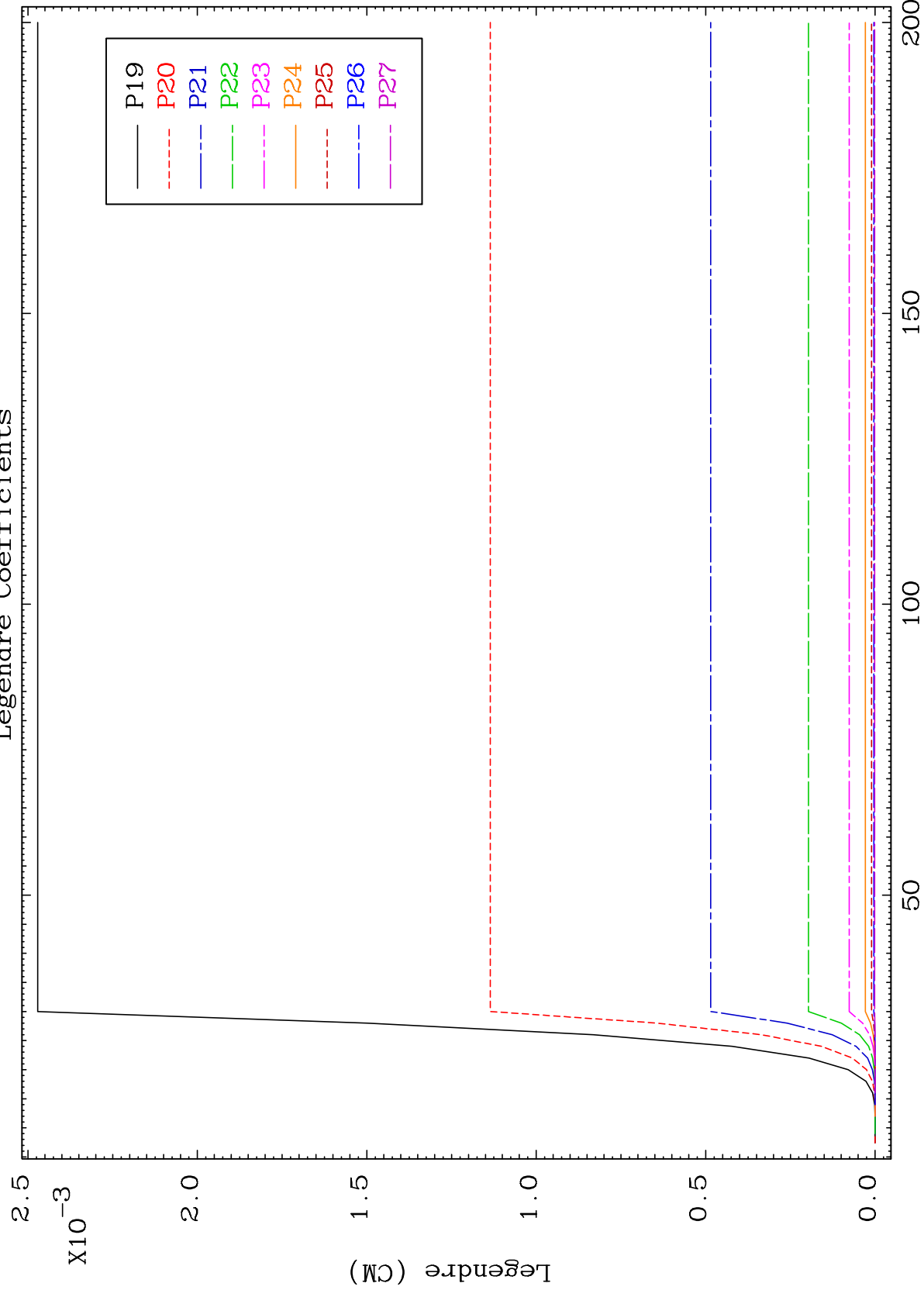
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81



45

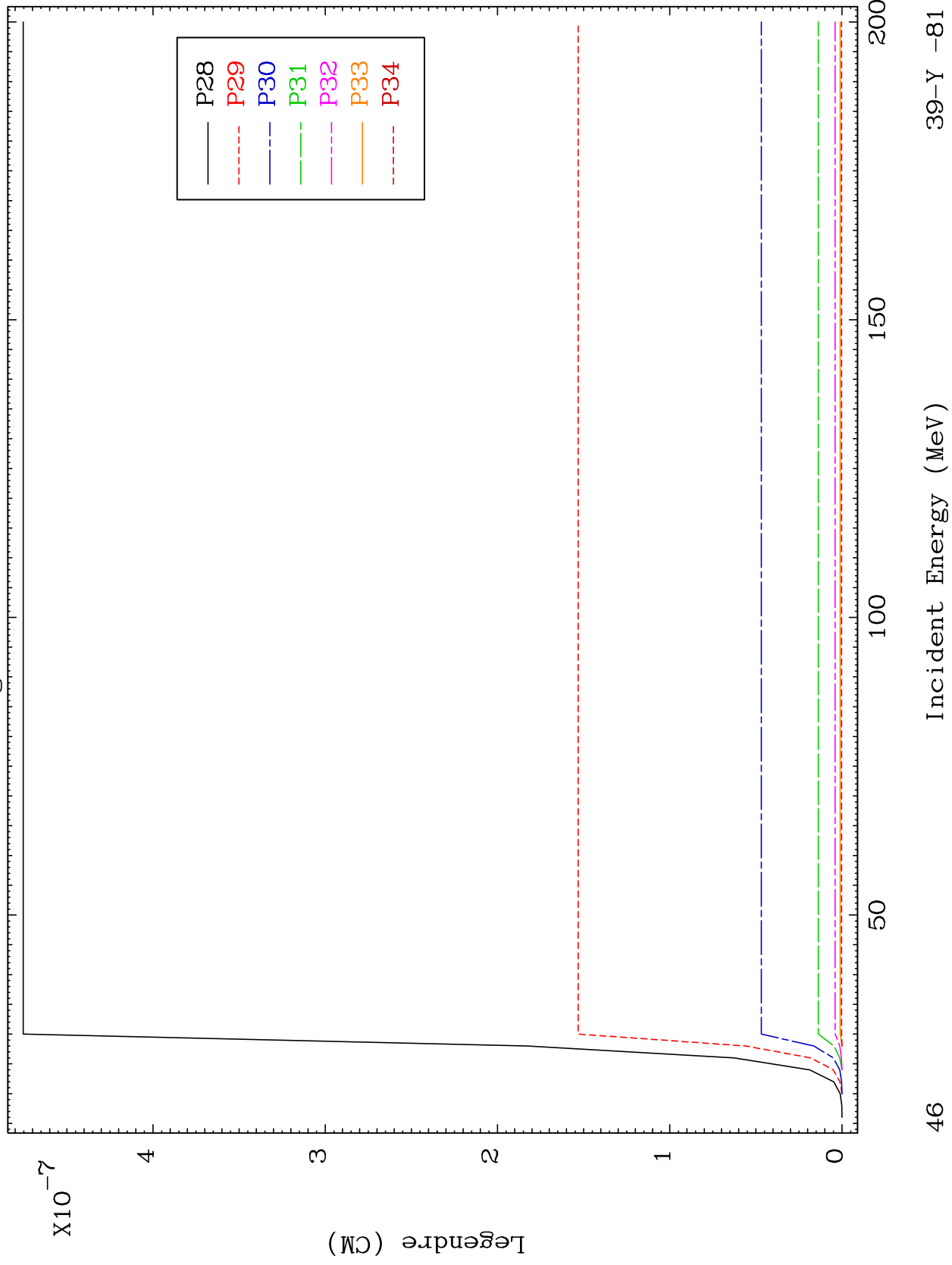
Incident Energy (MeV)

39-Y -81

MAT 3901

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

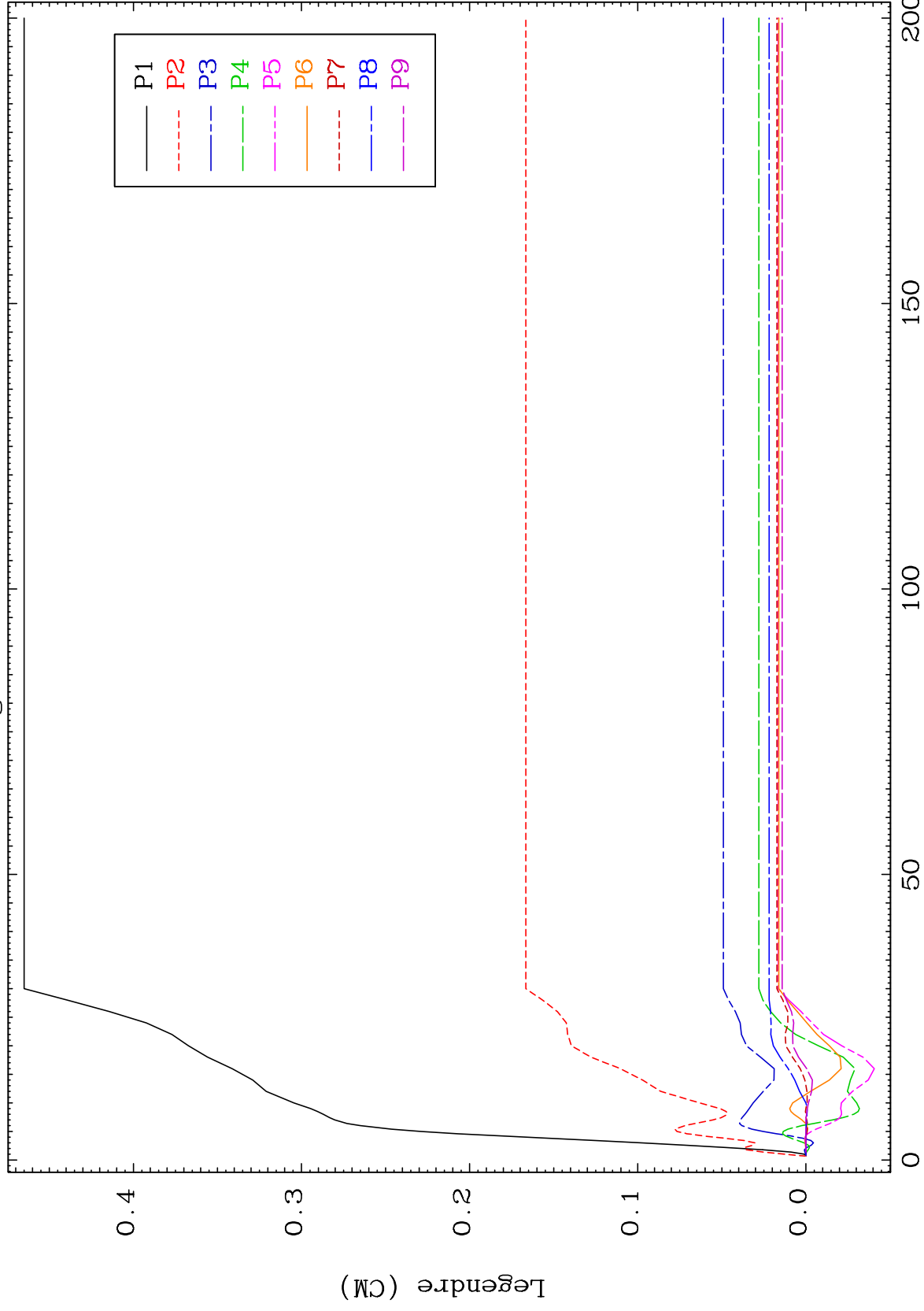
39-Y -81



MAT 3901

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

39-Y -81



47

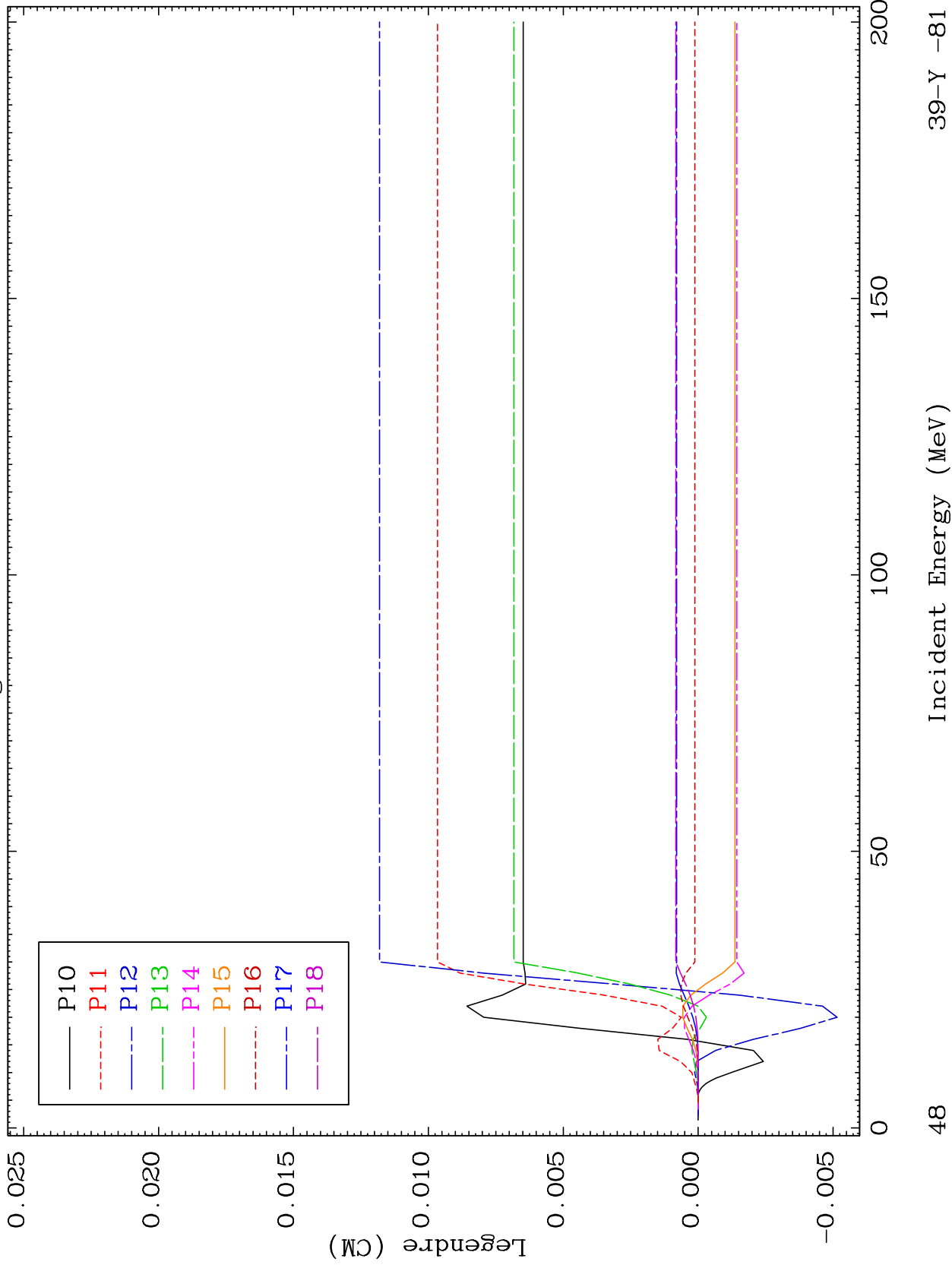
Incident Energy (MeV)

39-Y -81

MAT 3901

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

39-Y -81

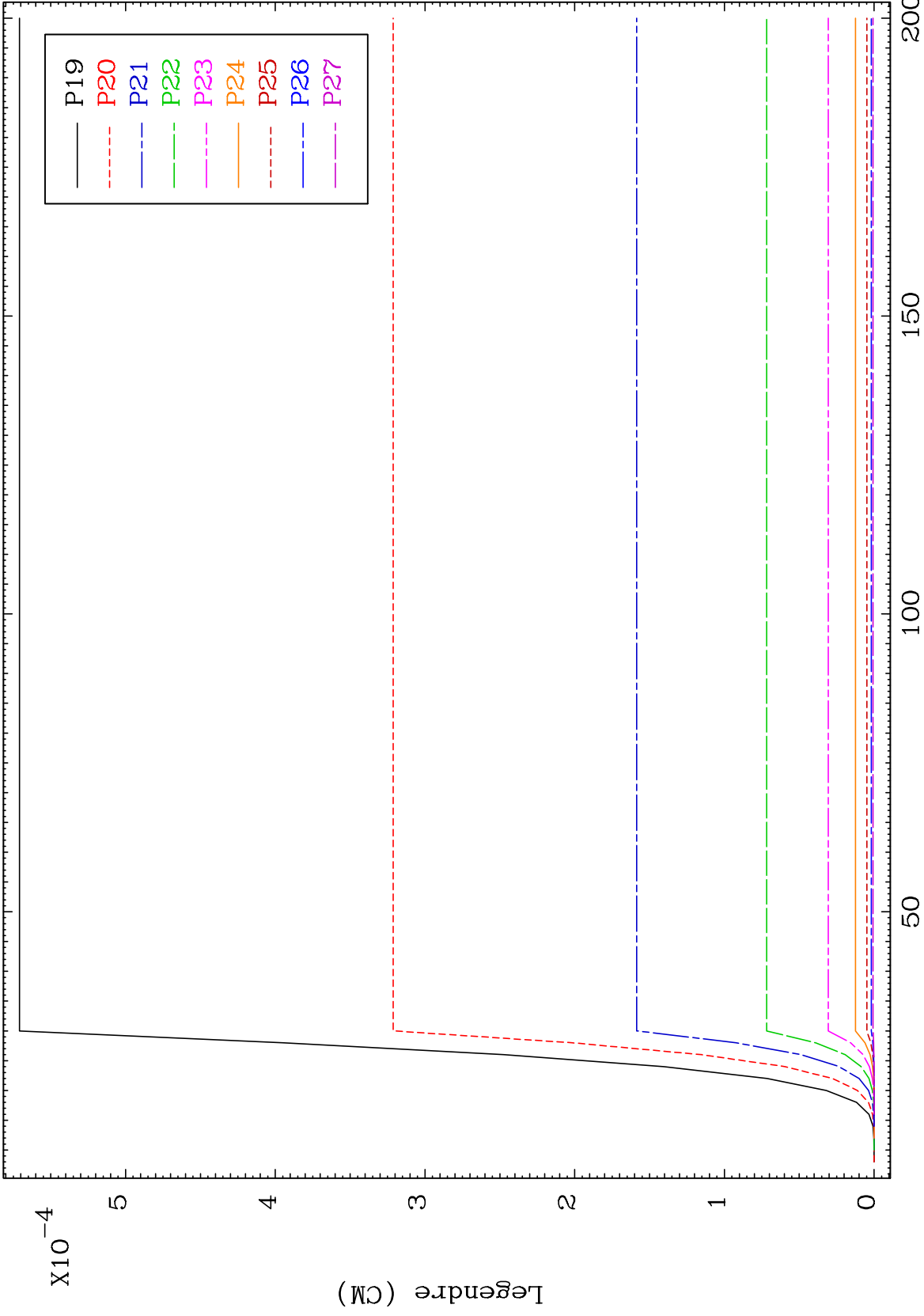


39-Y -81

MAT 3901

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

39-Y -81



49

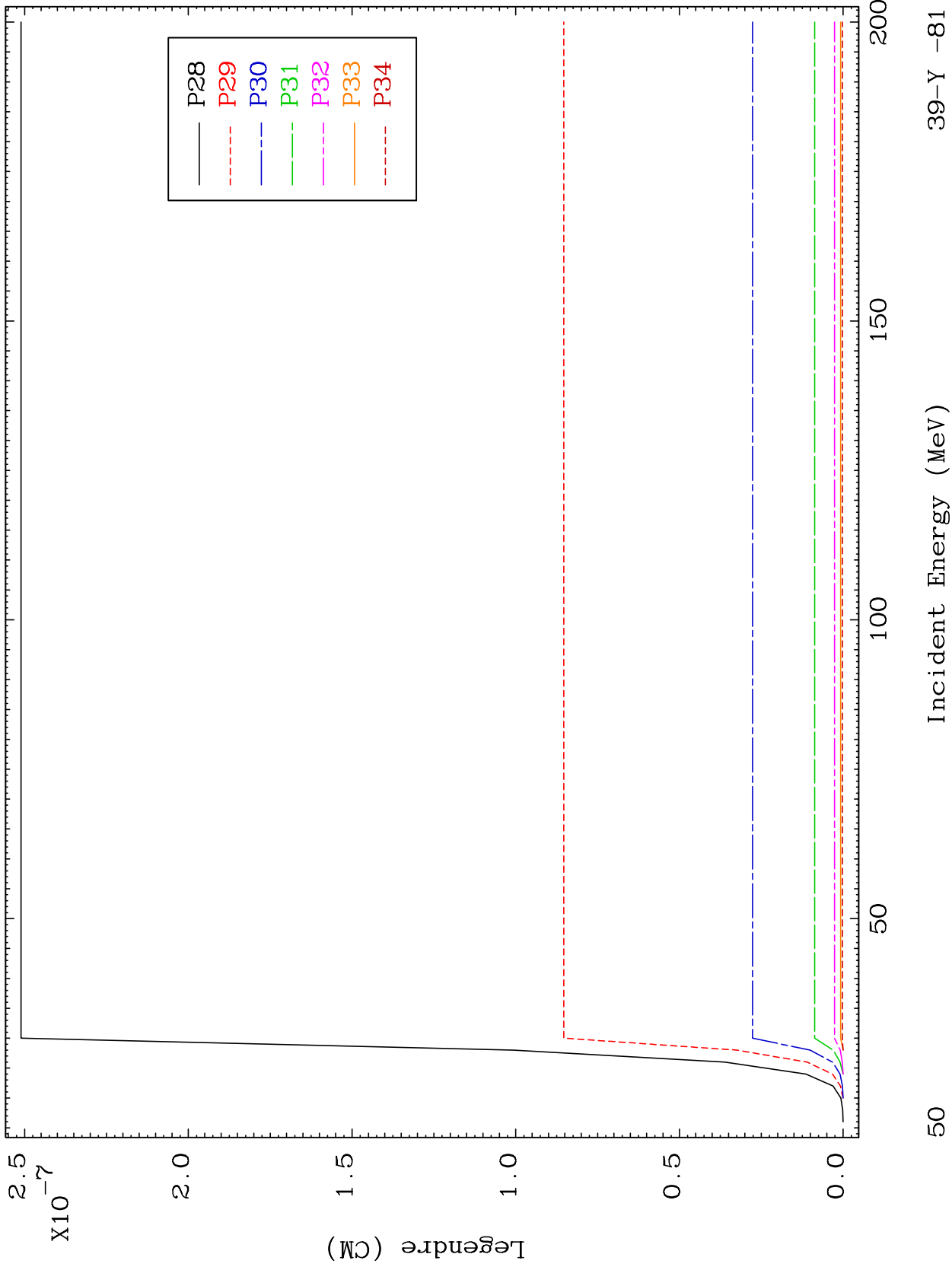
Incident Energy (MeV)

39-Y -81

MAT 3901

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

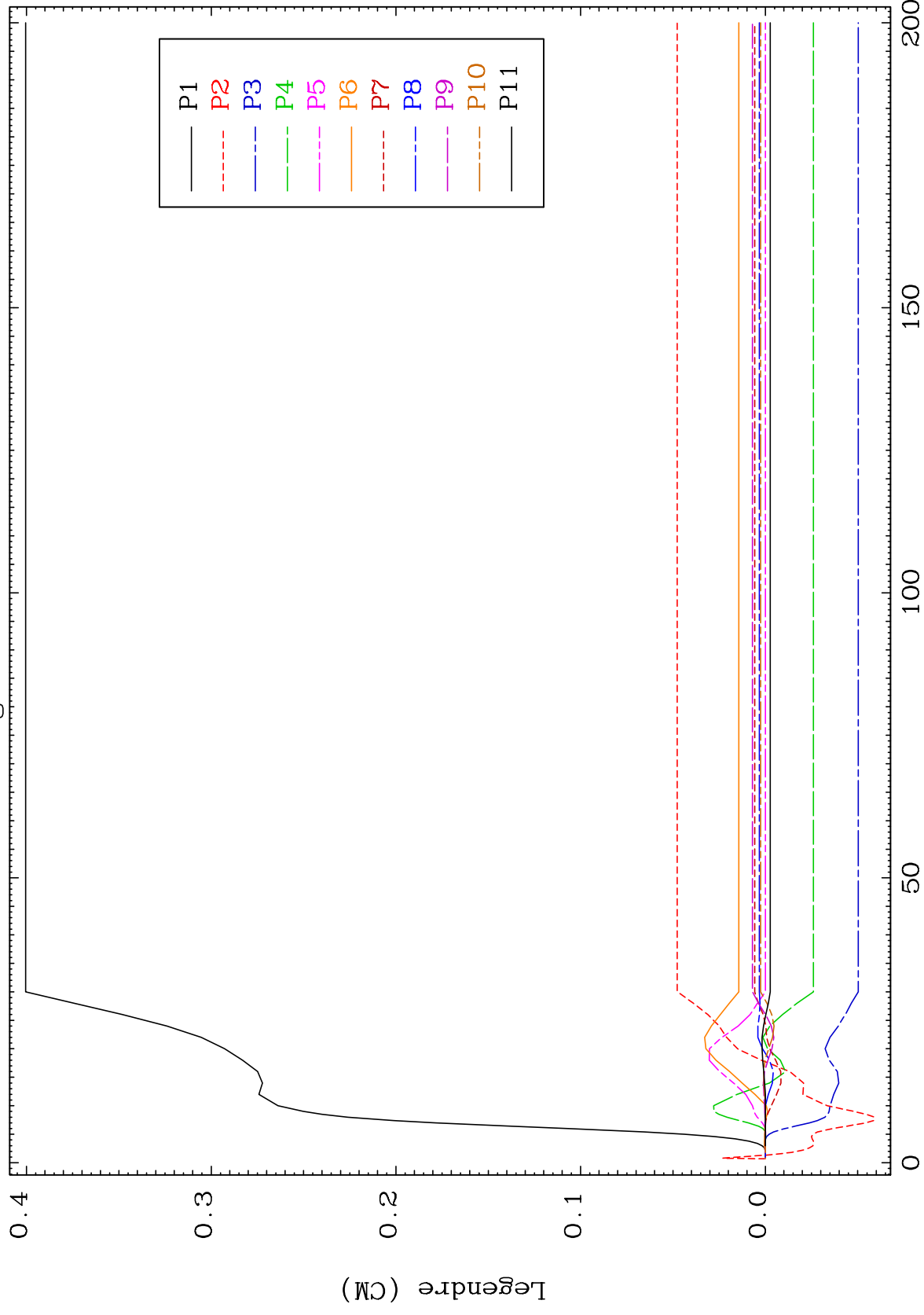
39-Y -81



MAT 3901

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

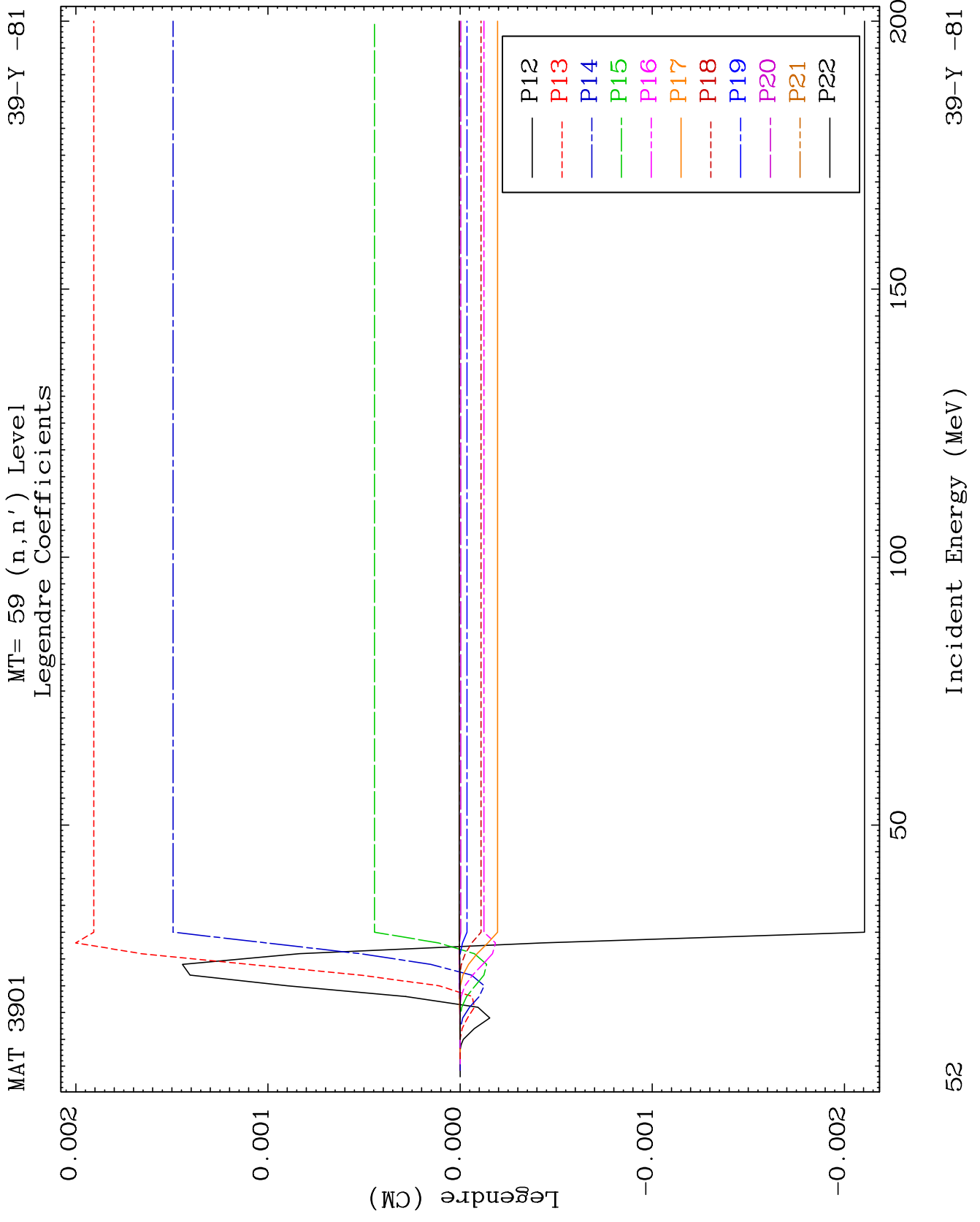
39-Y -81



51

Incident Energy (MeV)

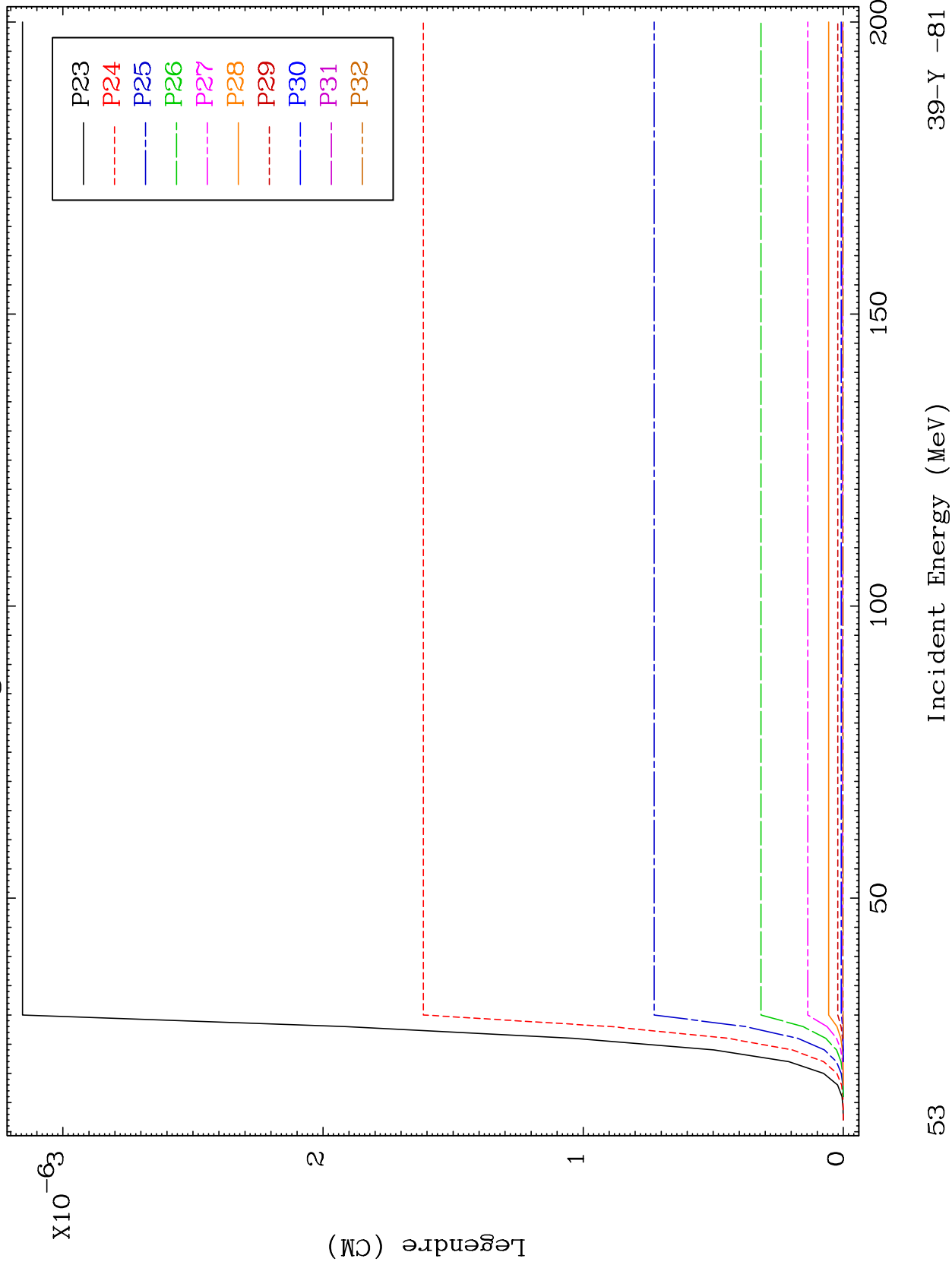
39-Y -81

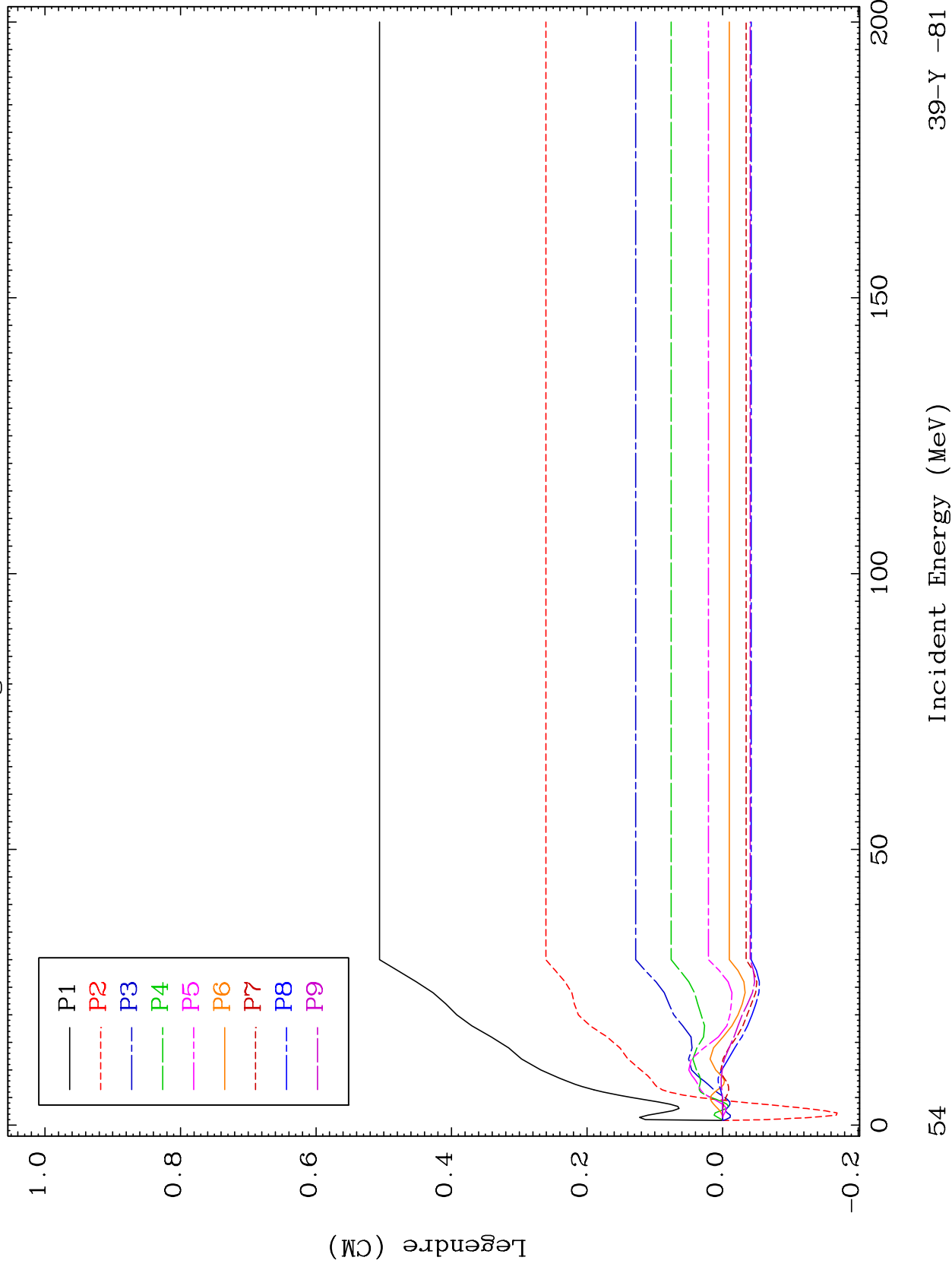


MAT 3901

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

39-Y -81

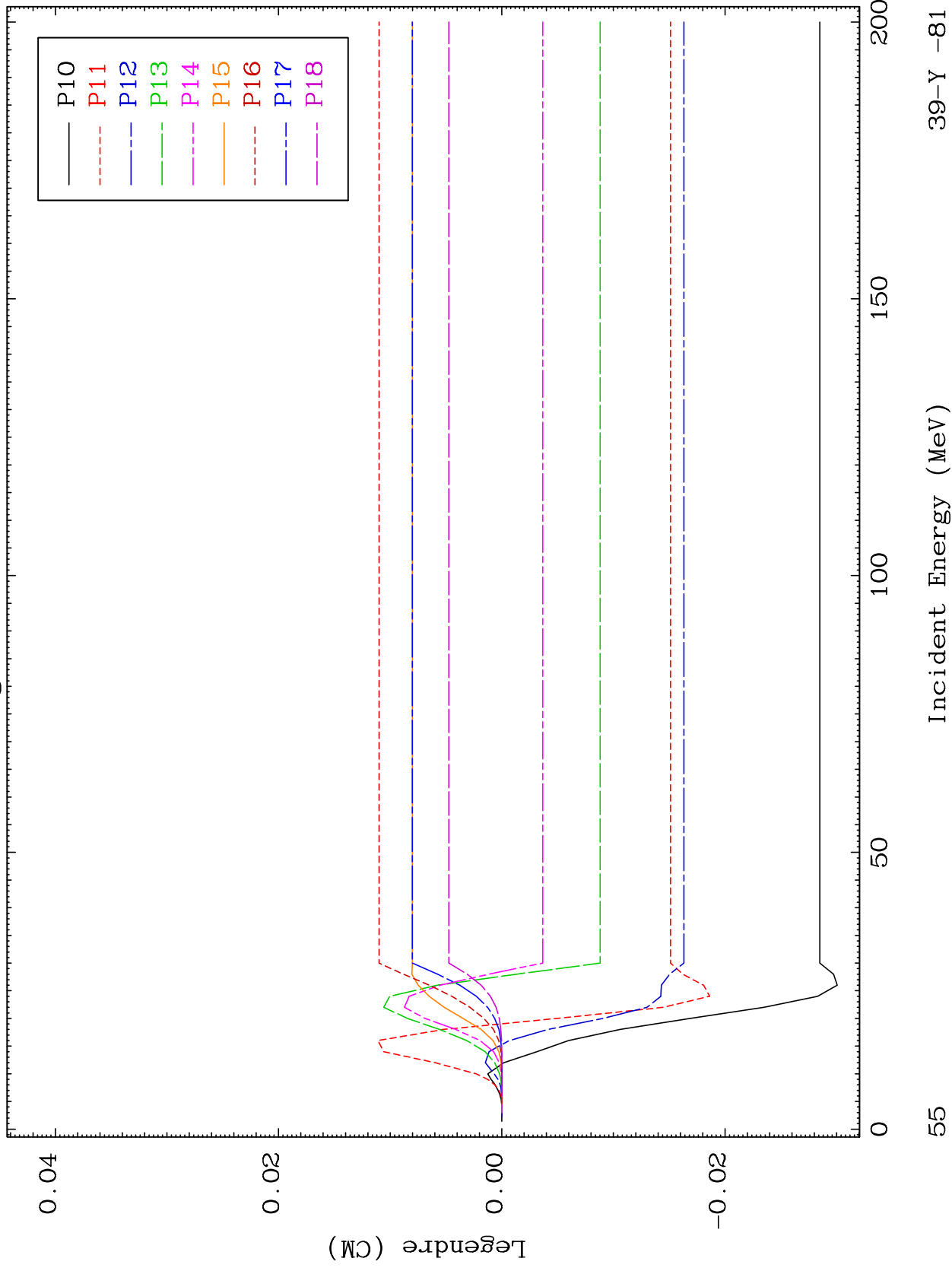


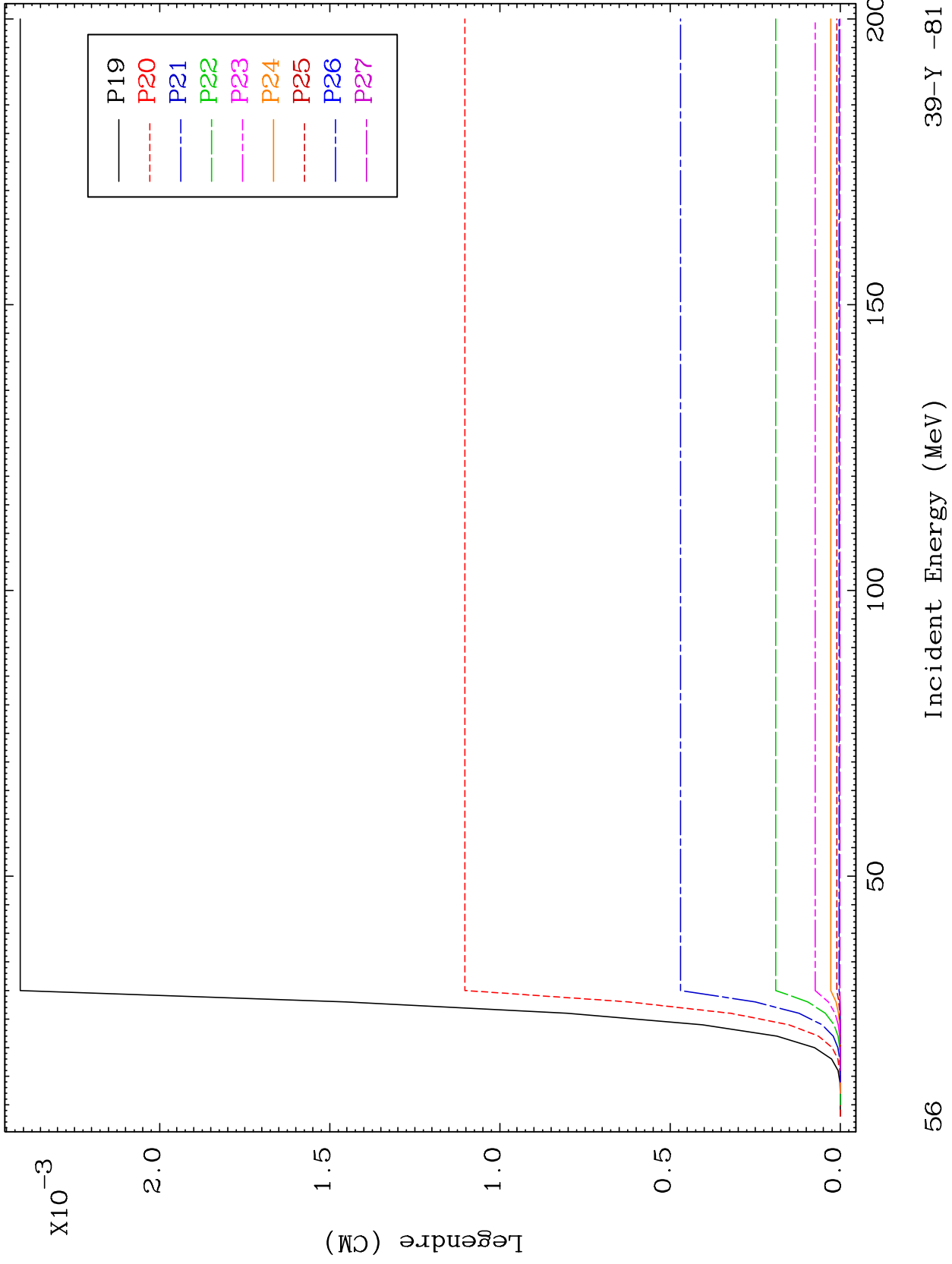


MAT 3901

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

39-Y -81

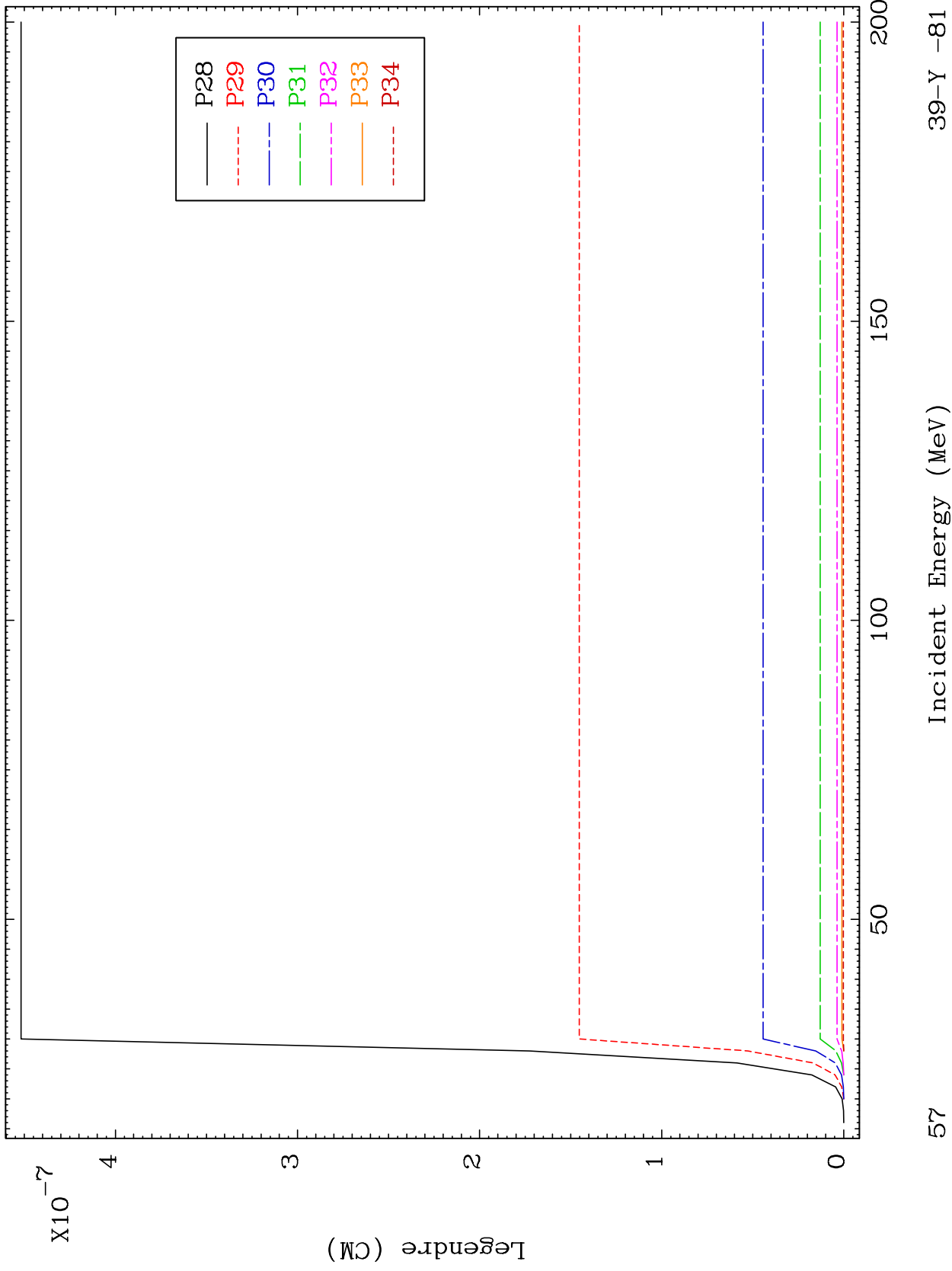




MAT 3901

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

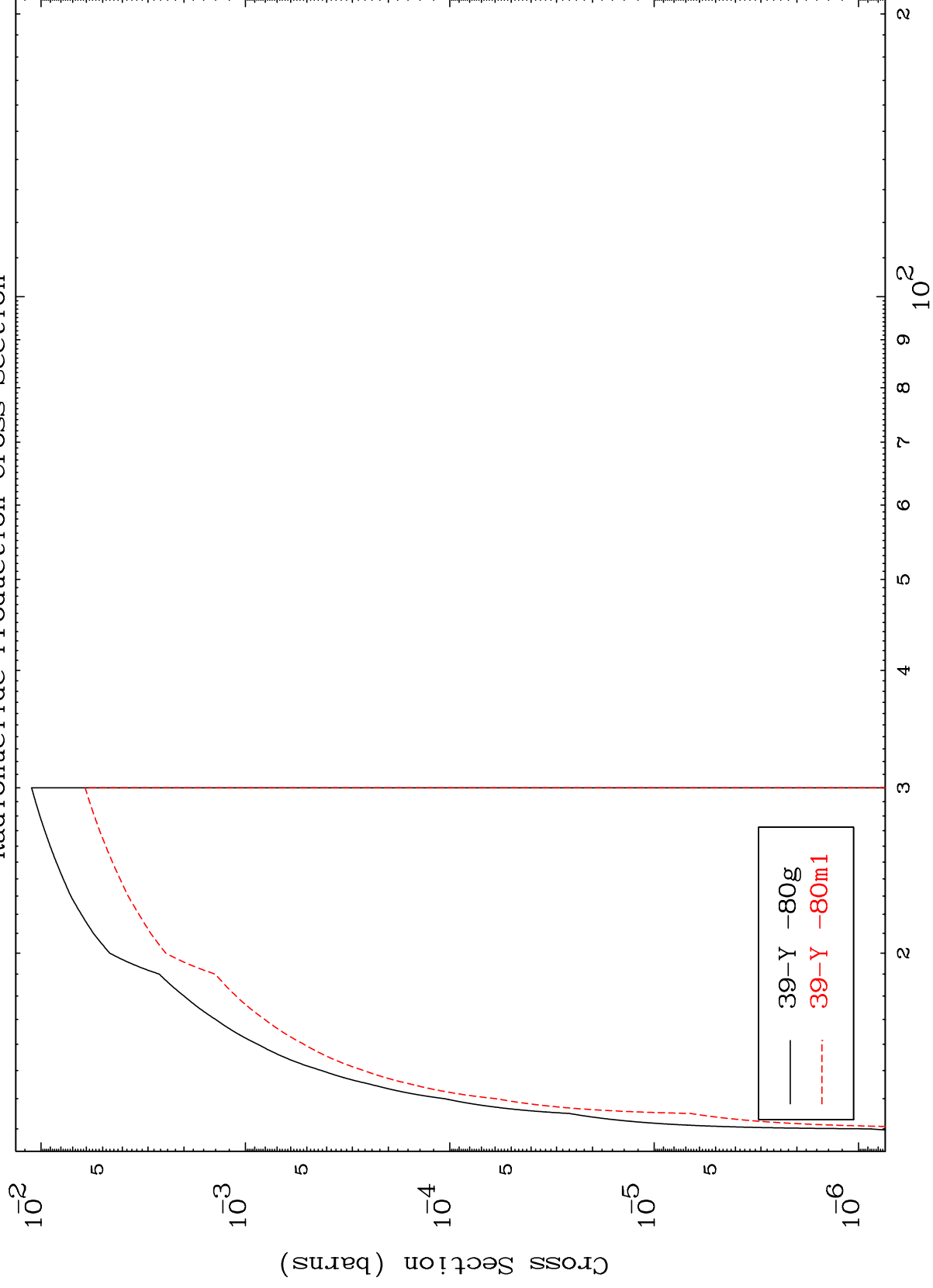
39-Y -81



MAT 3901

39-Y -81

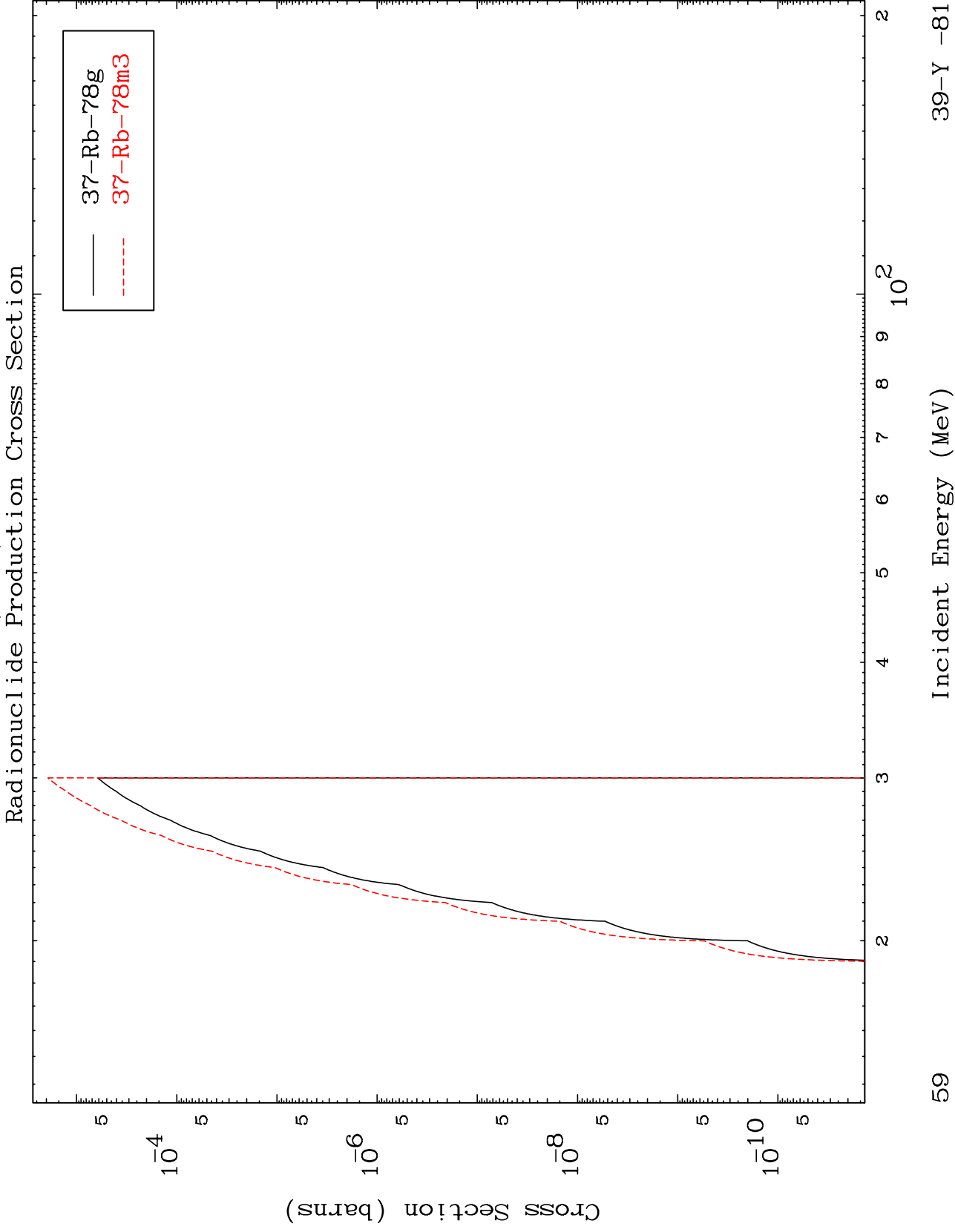
Radionuclide Production Cross Section
(n,2n)



58

Incident Energy (MeV)

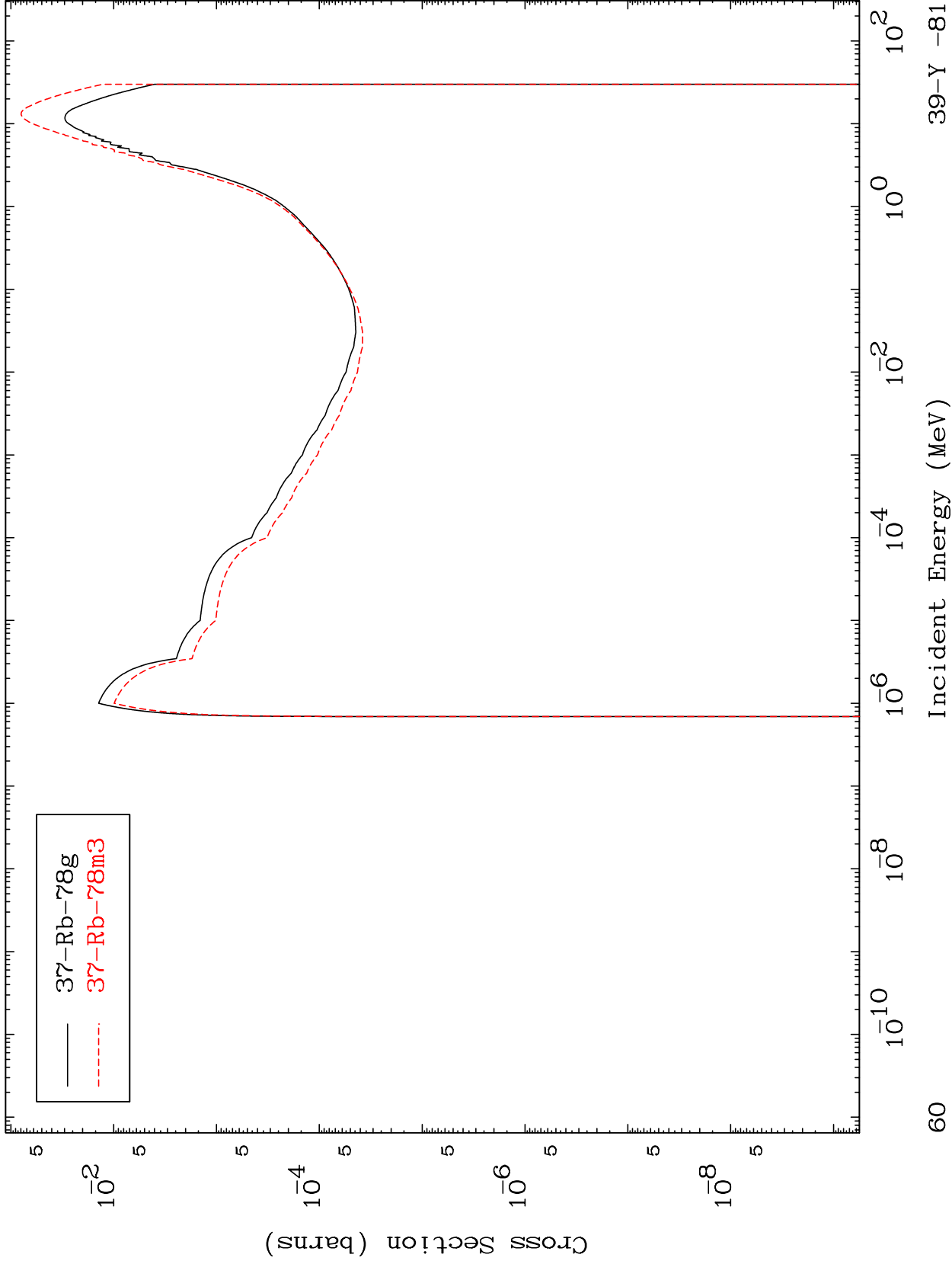
39-Y -81



MAT 3901

39-Y -81

Radionuclide Production Cross Section
(n, α)



— 37-Rb-78g
- - - 37-Rb-78m3

60

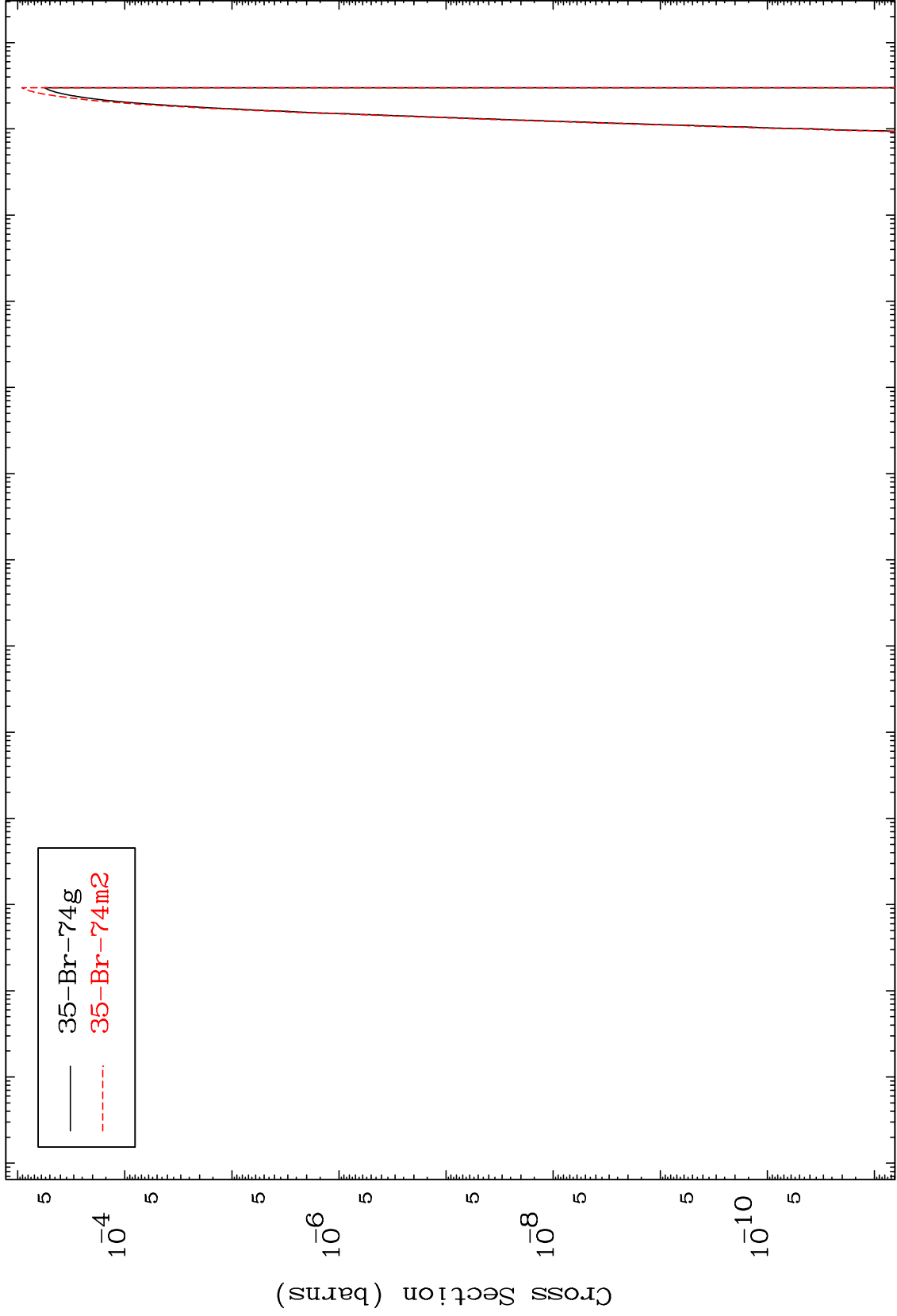
39-Y -81

MAT 3901

(n,2α)

39-Y -81

Radionuclide Production Cross Section



39-Y -81

10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

10⁻⁴

10⁻²

Incident Energy (MeV)

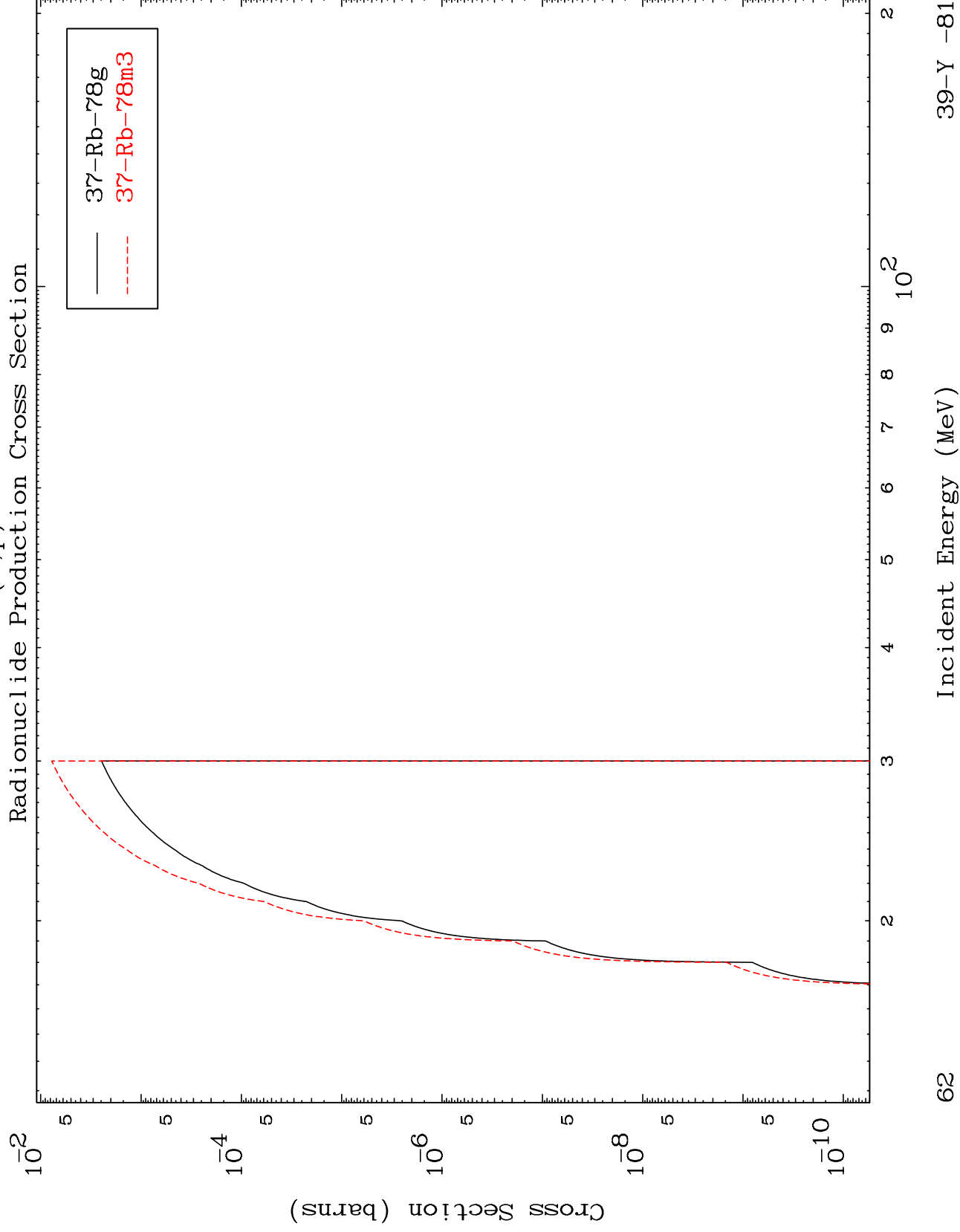
39-Y -81

61

MAT 3901

(n,p) t

39-Y -81



62

39-Y -81