

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

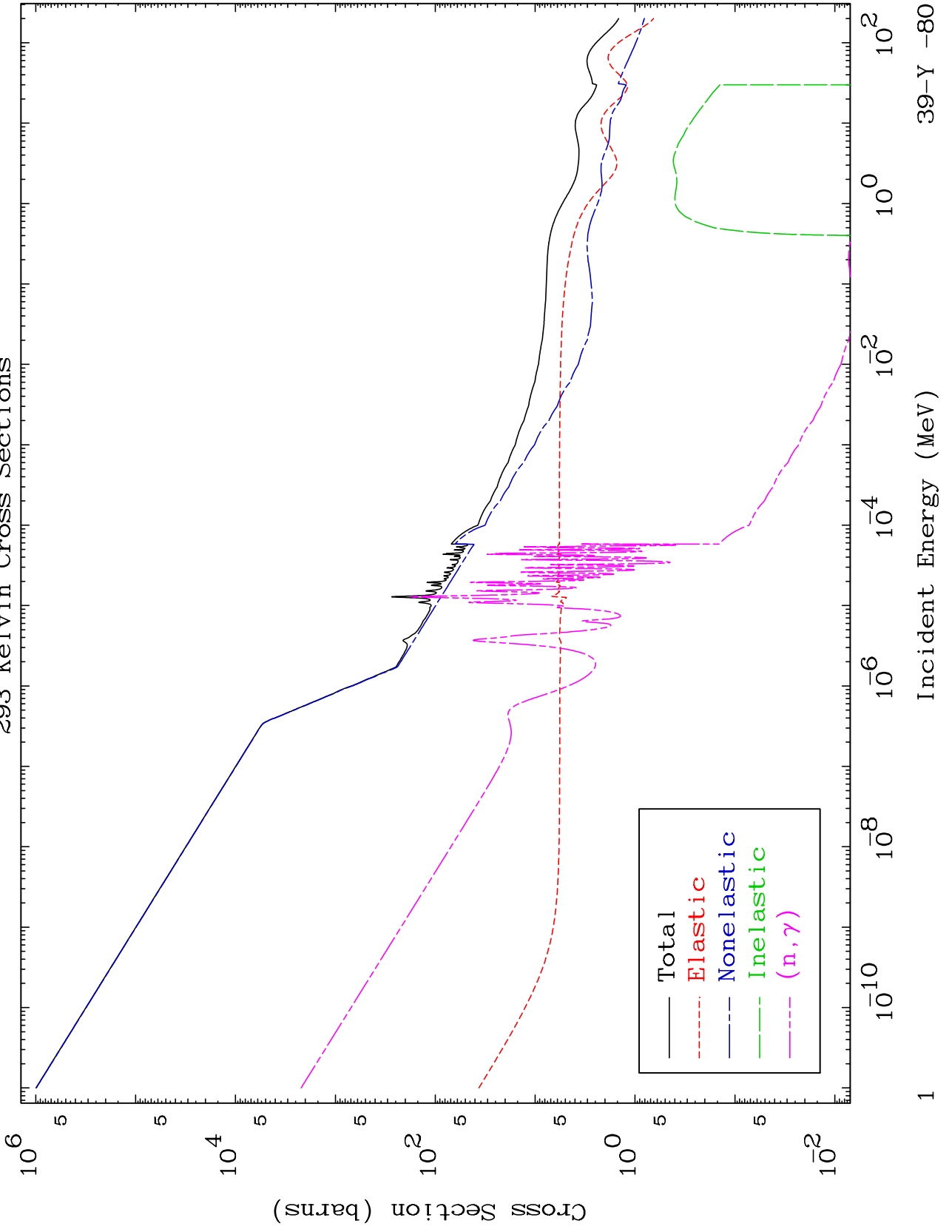
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

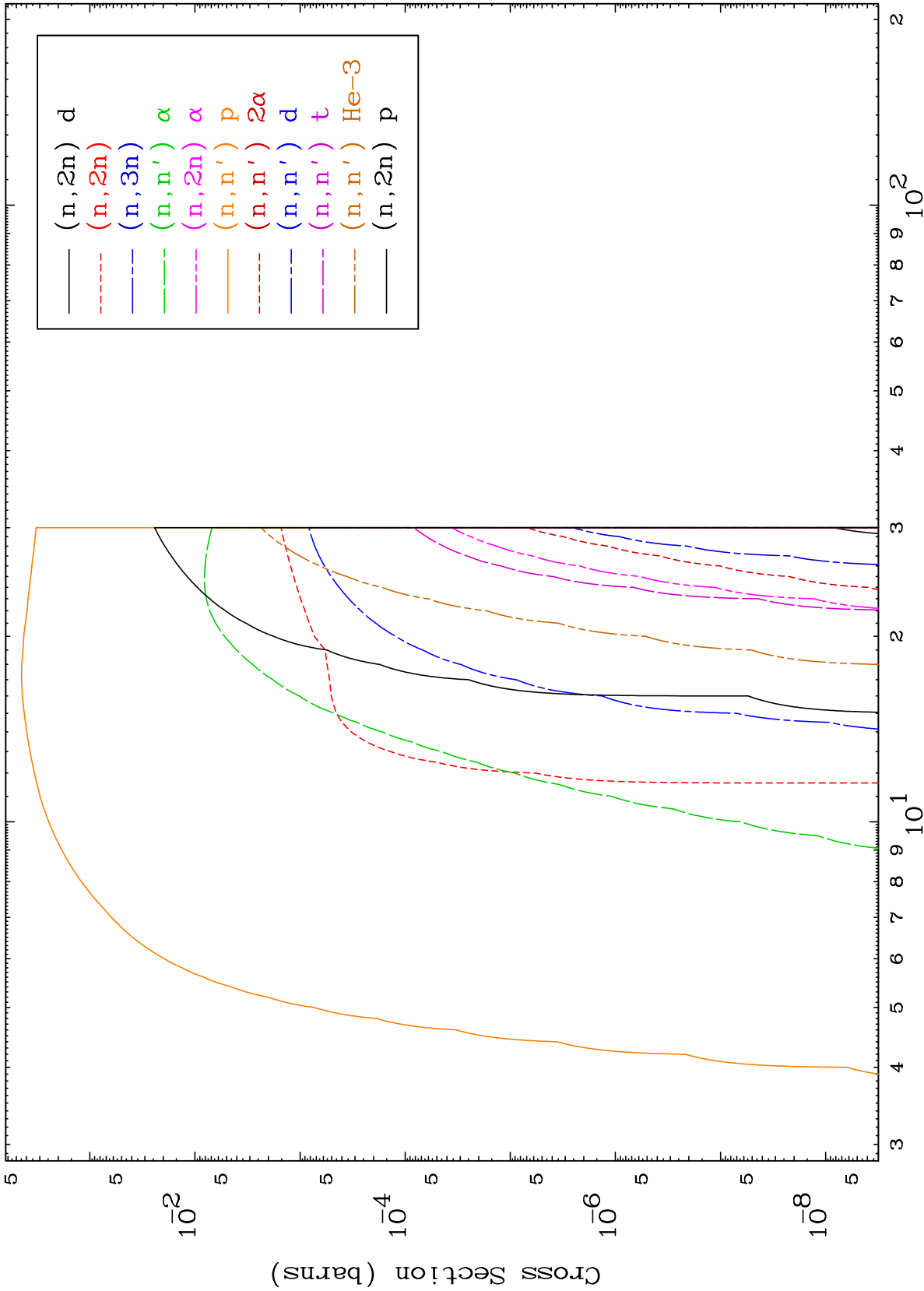
MAT 3898

Neutron Major
293 Kelvin Cross Sections

39-Y -80



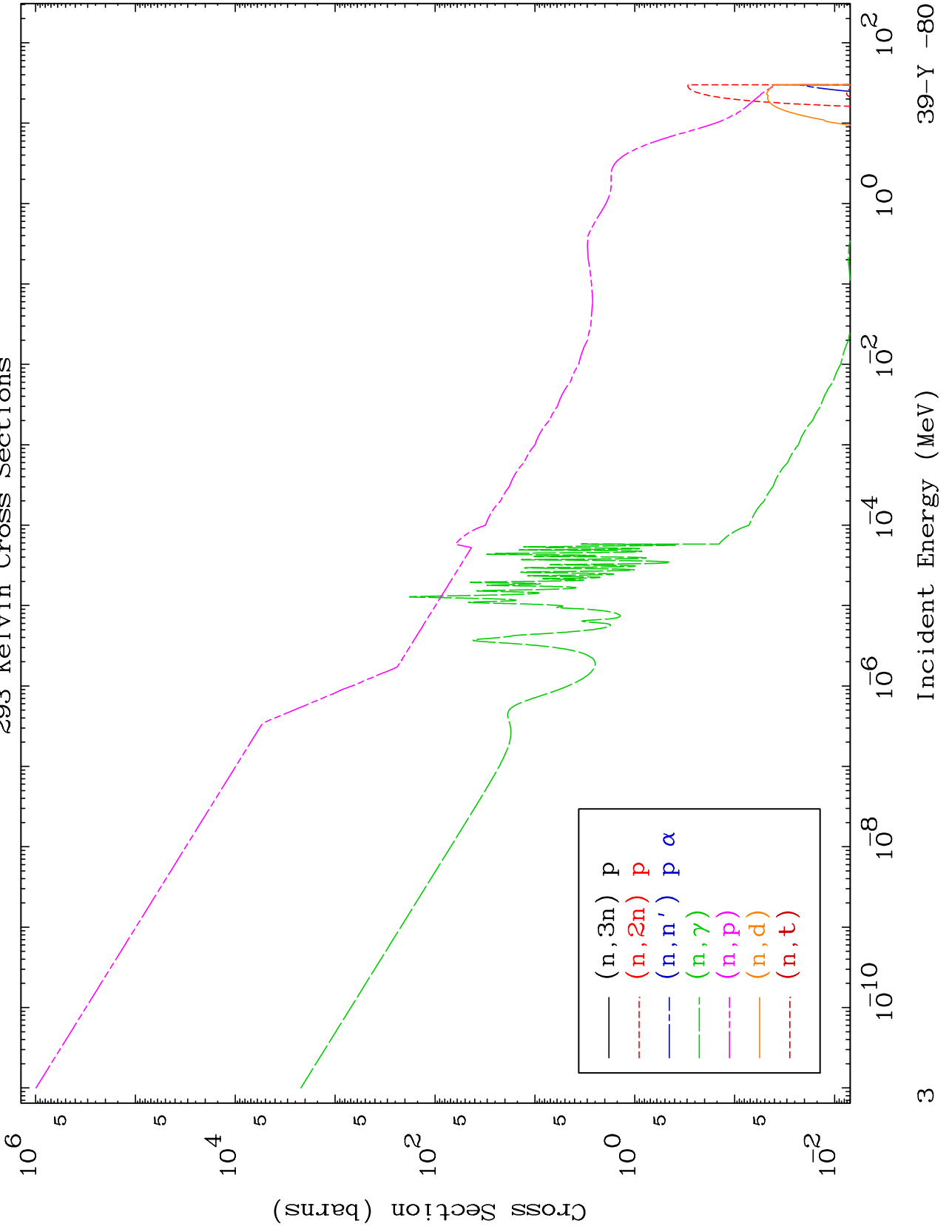
Neutron Absorption
293 Kelvin Cross Sections



MAT 3898

Neutron Absorption
293 Kelvin Cross Sections

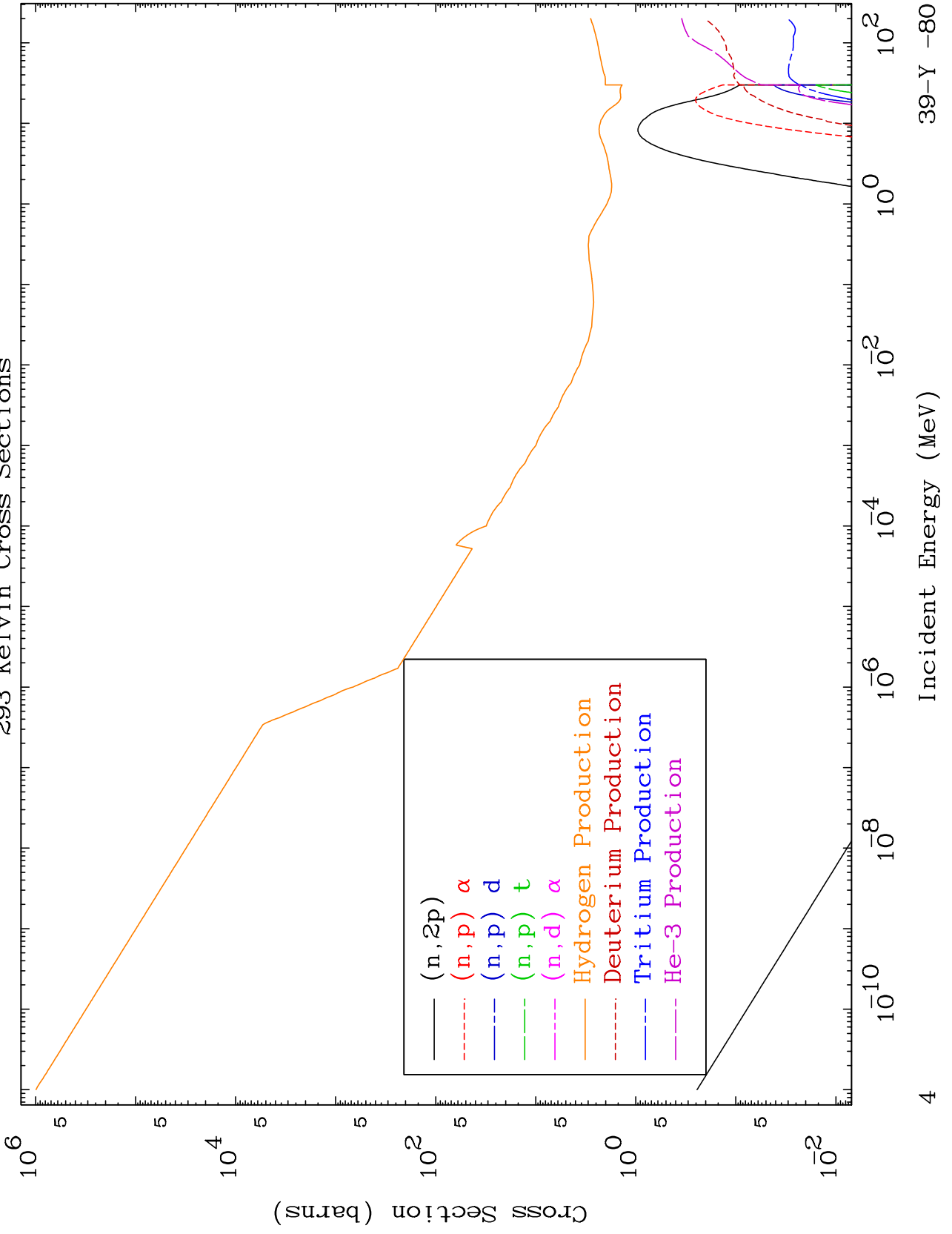
39-Y -80



MAT 3898

Neutron Absorption
293 Kelvin Cross Sections

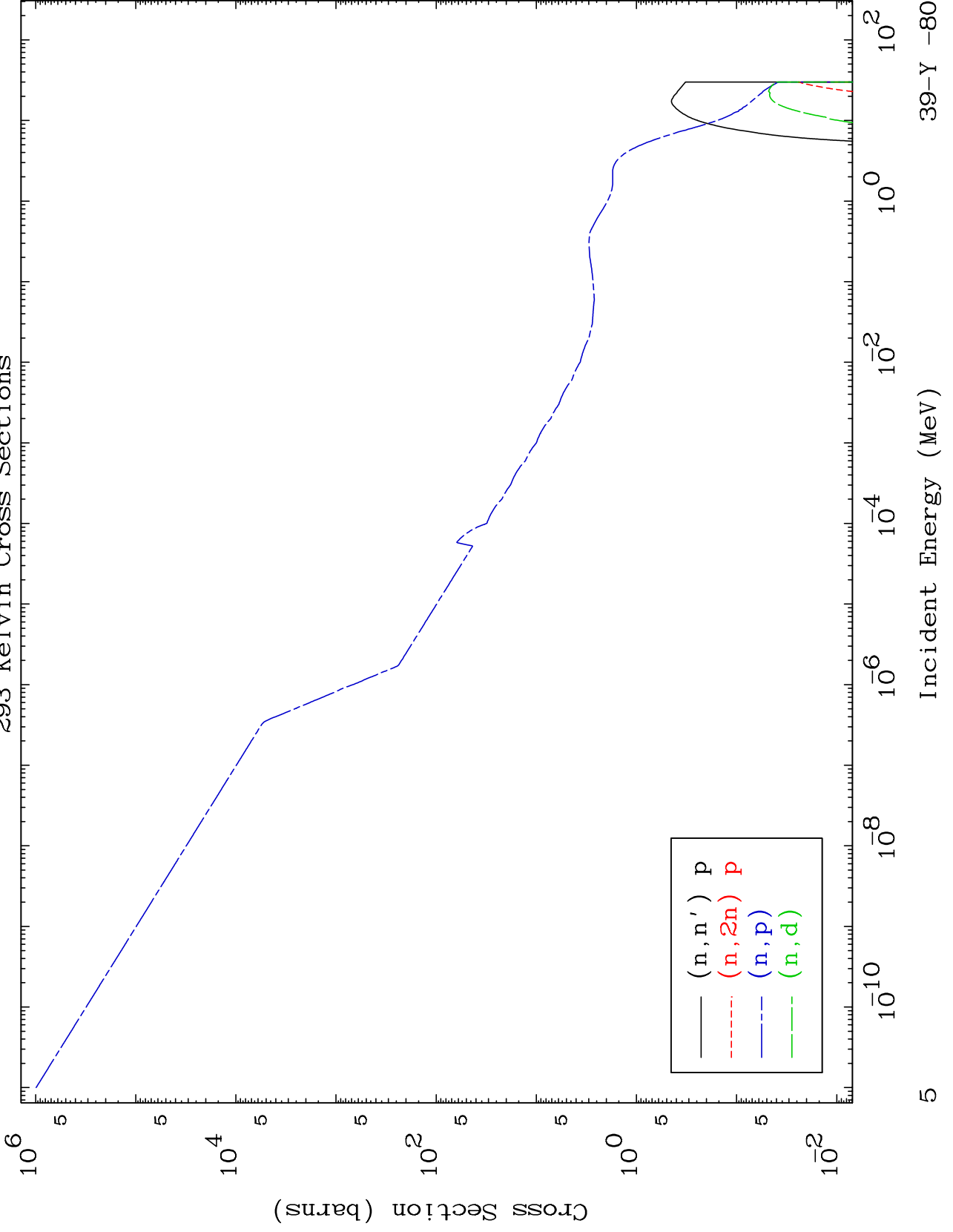
39-Y -80



MAT 3898

Charged Particle
293 Kelvin Cross Sections

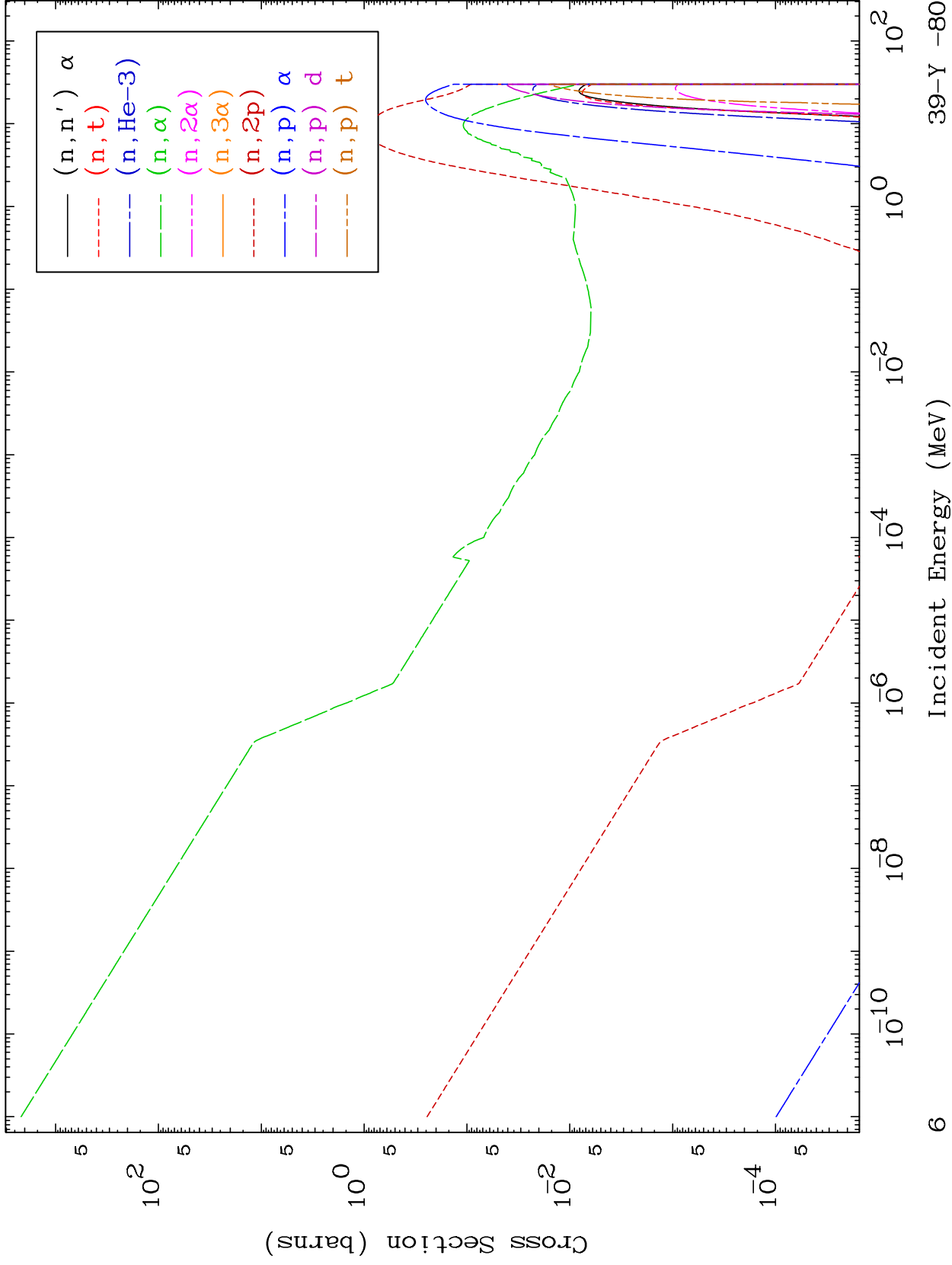
39-Y -80



MAT 3898

Charged Particle
293 Kelvin Cross Sections

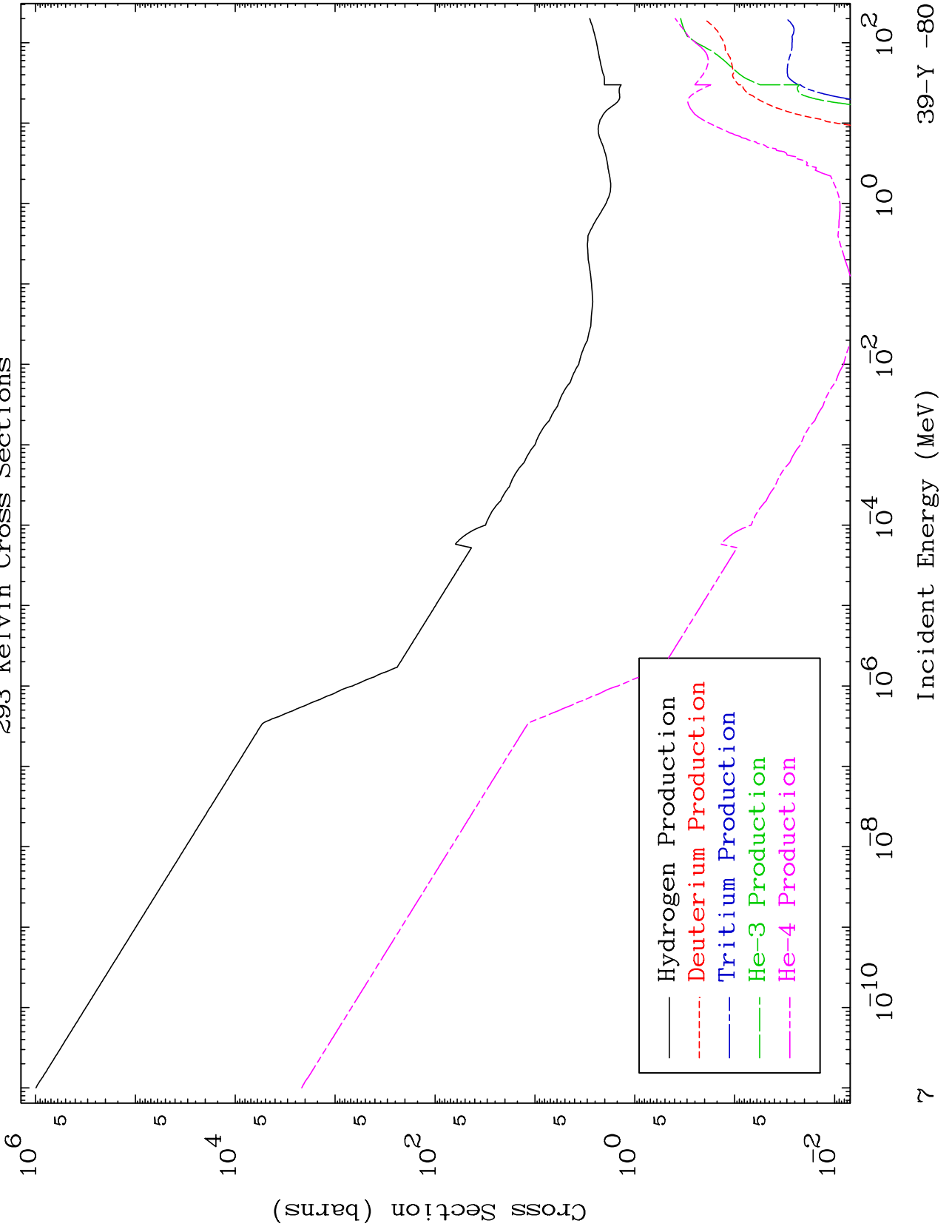
39-Y -80

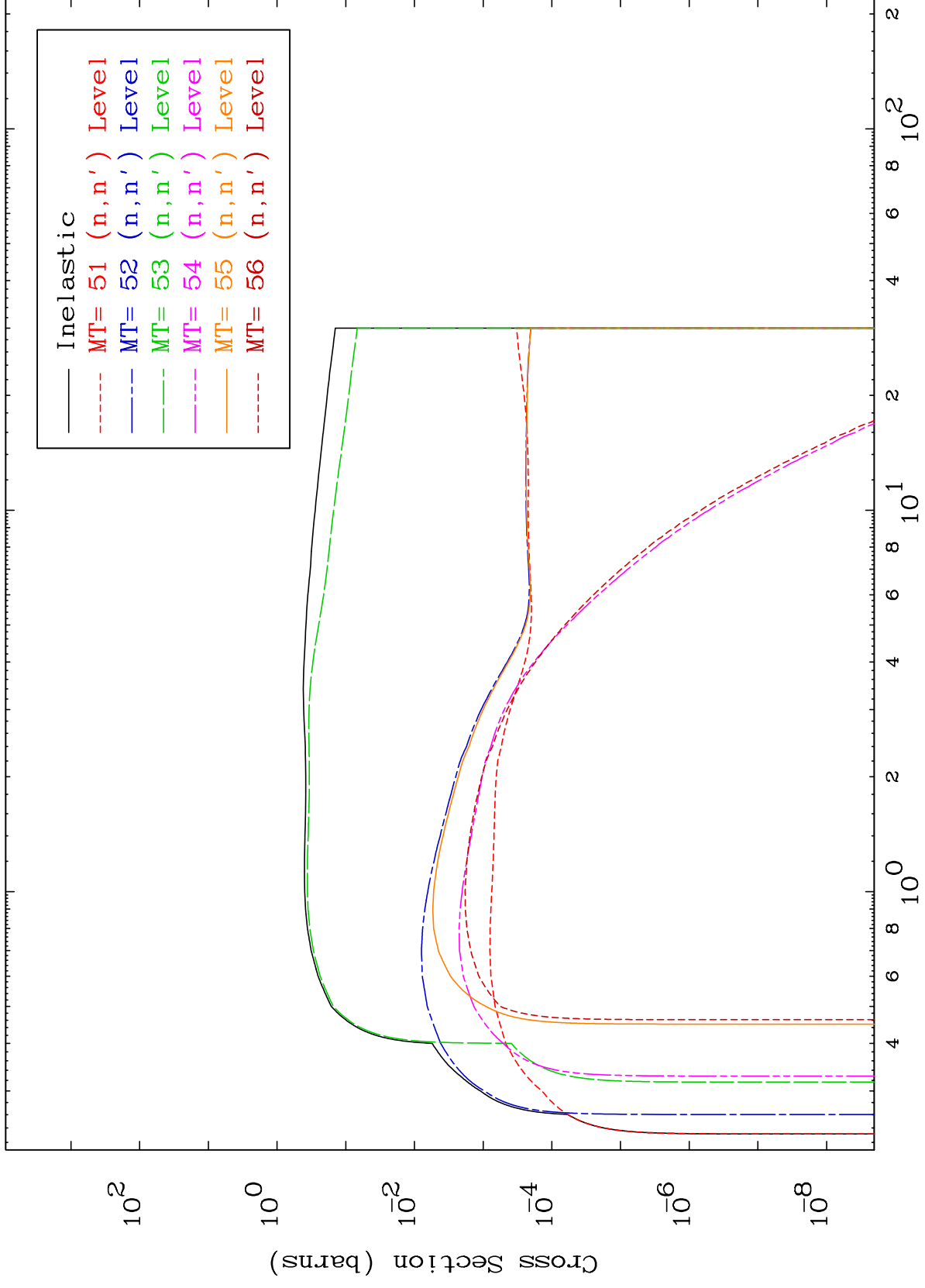


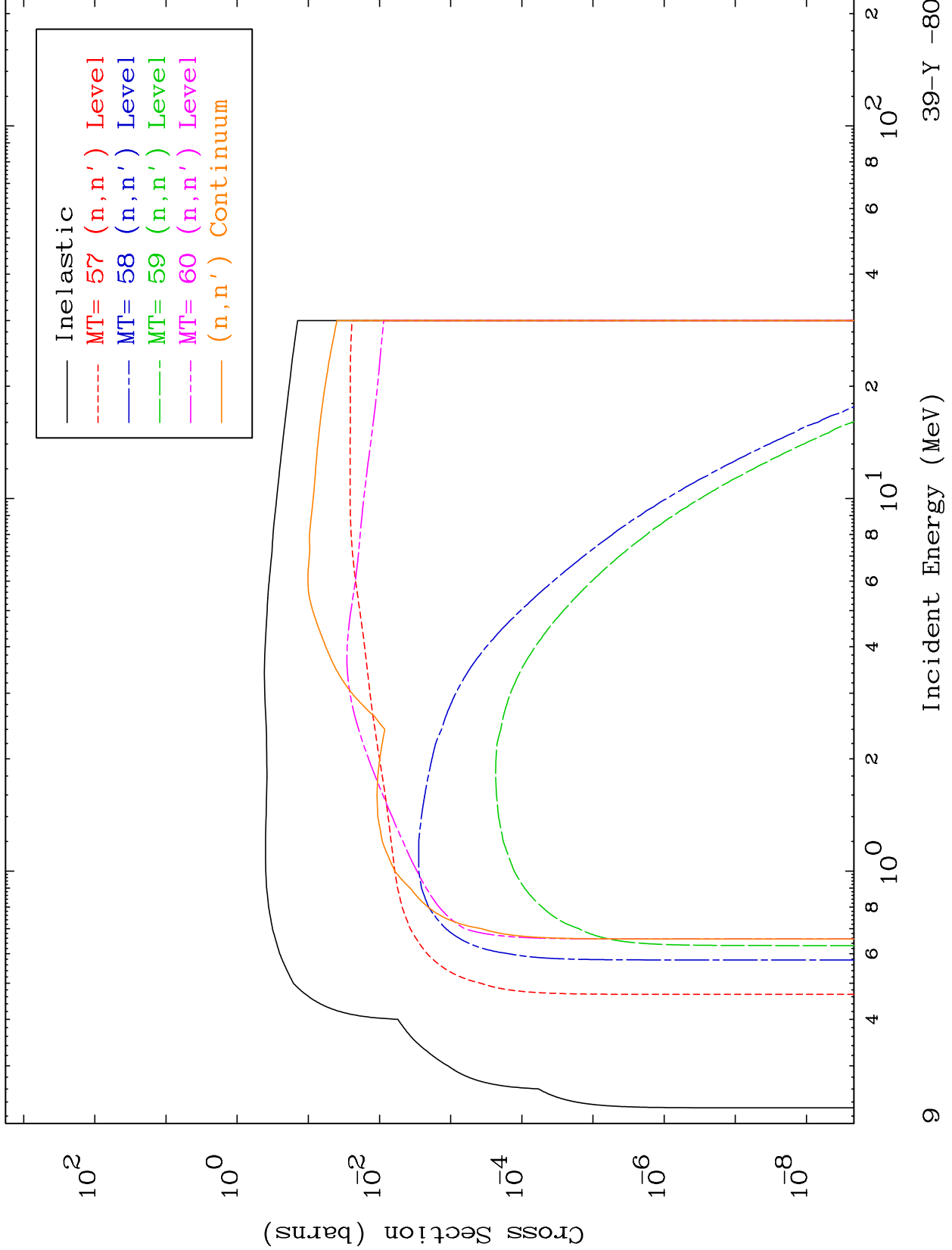
MAT 3898

Particle Production
293 Kelvin Cross Sections

39-Y -80



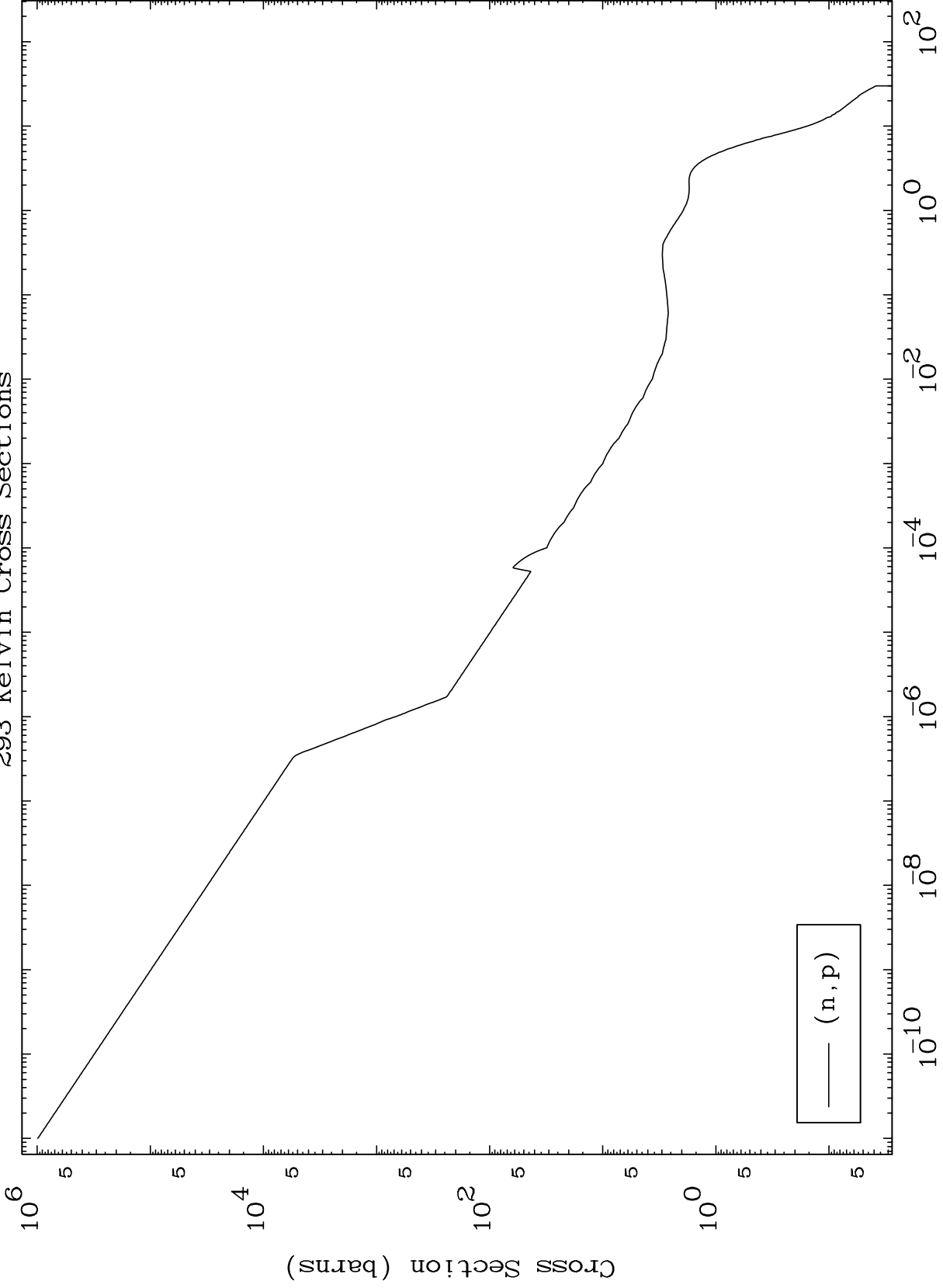




MAT 3898

(n,p) Levels
293 Kelvin Cross Sections

39-Y -80



(n,p)

10

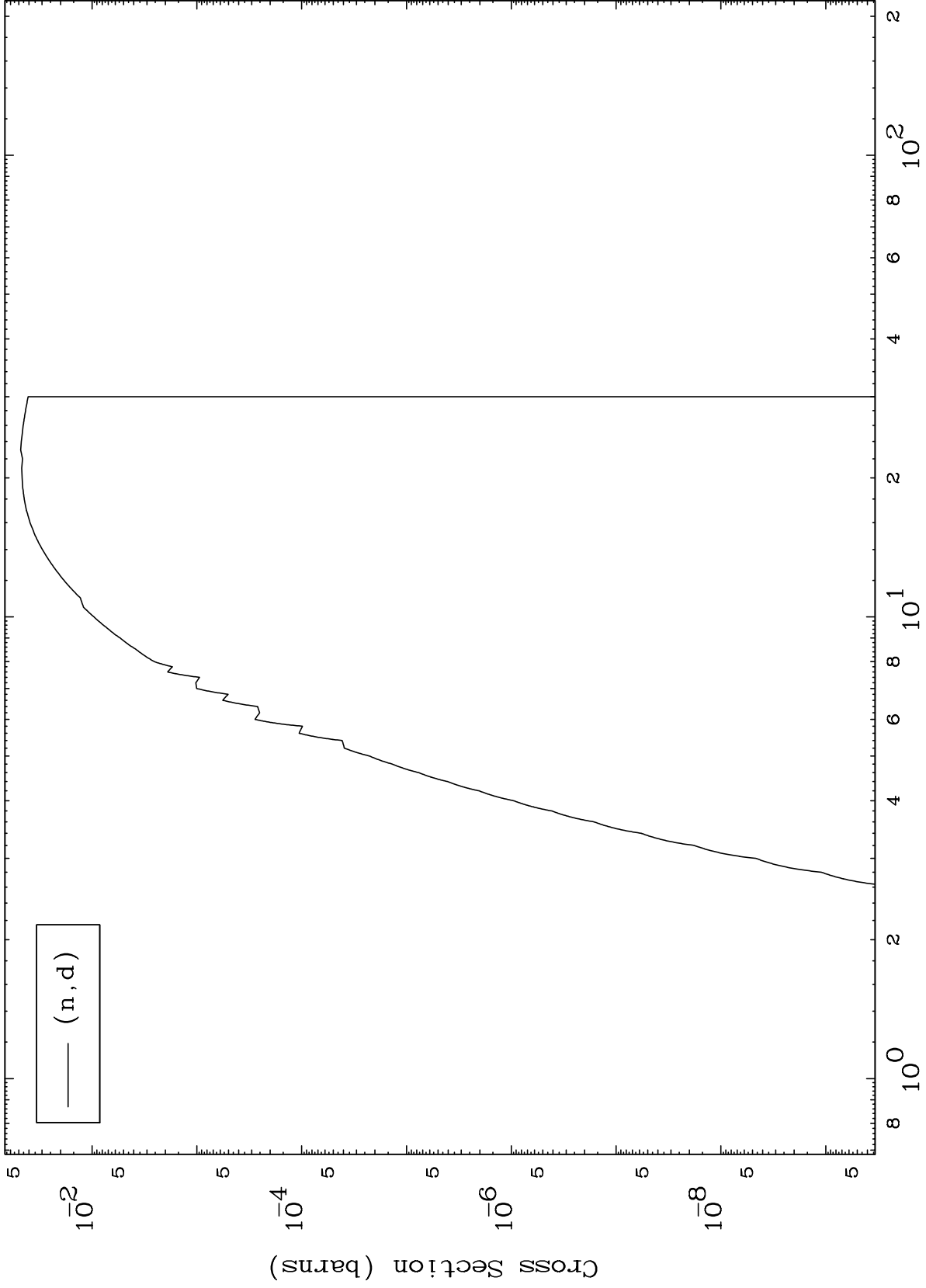
Incident Energy (MeV)

39-Y -80

MAT 3898

(n,d) Levels
293 Kelvin Cross Sections

39-Y -80



11

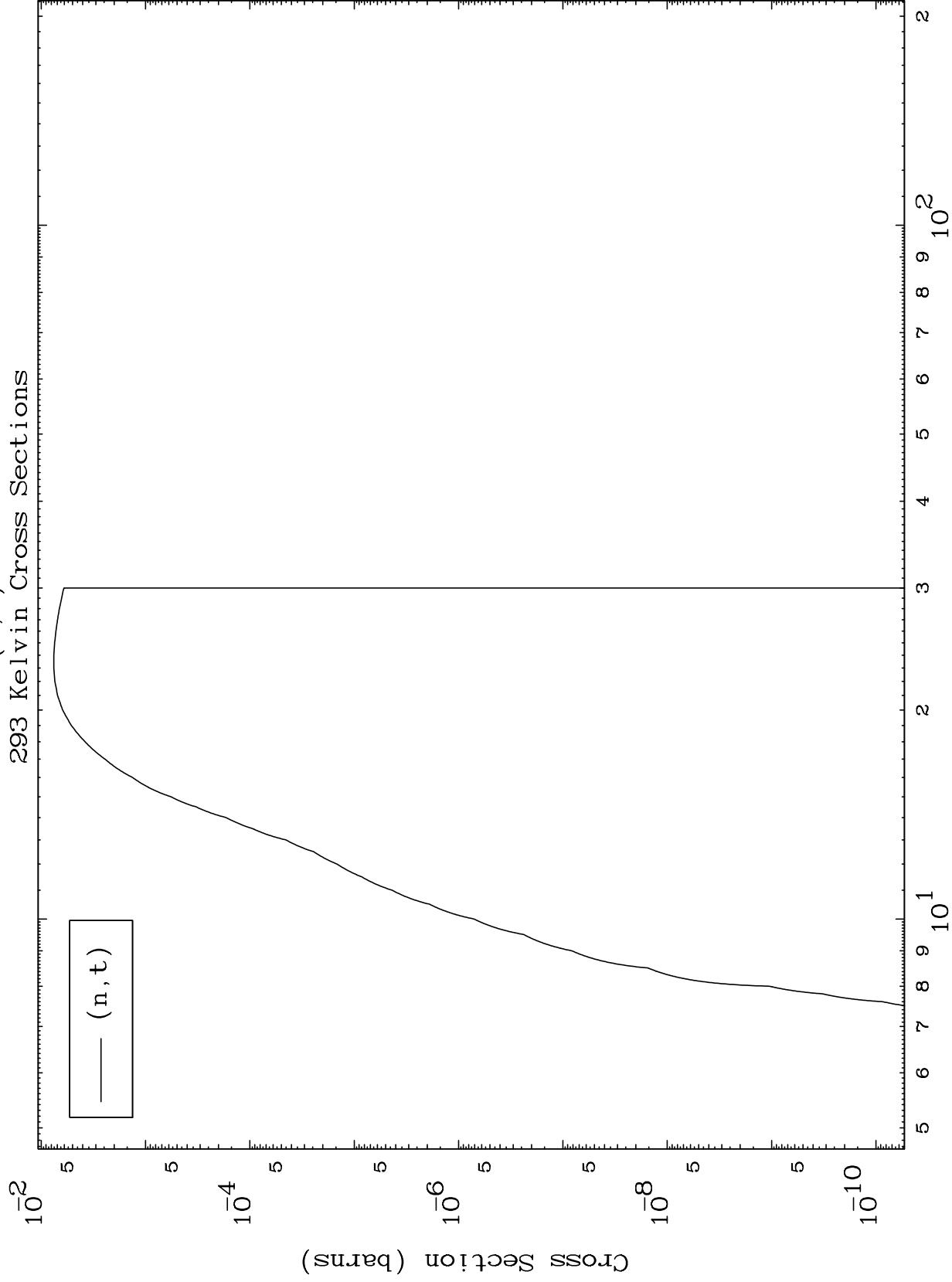
Incident Energy (MeV)

39-Y -80

MAT 3898

(n,t) Levels
293 Kelvin Cross Sections

39-Y -80



12

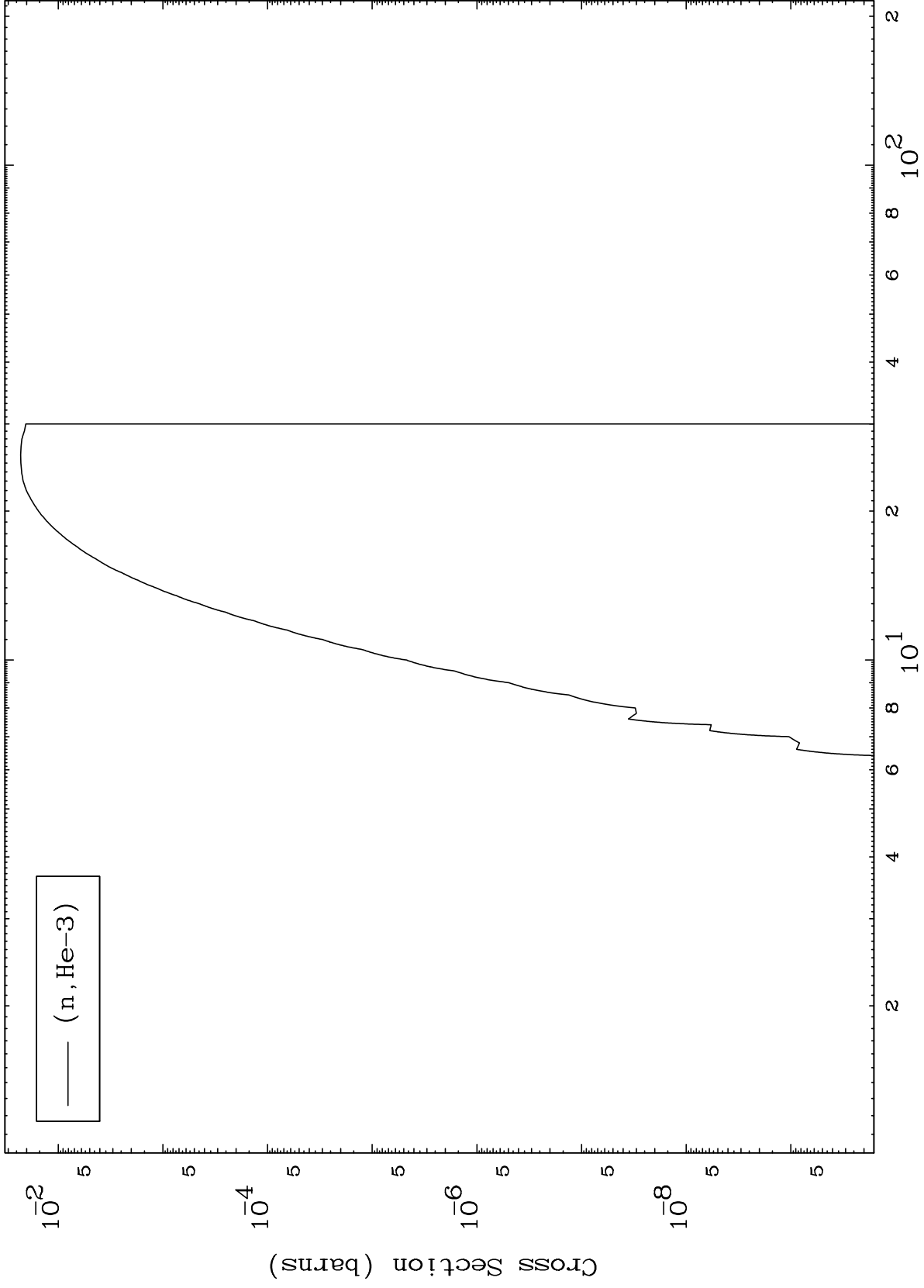
Incident Energy (MeV)

39-Y -80

MAT 3898

(n,He3) Levels
293 Kelvin Cross Sections

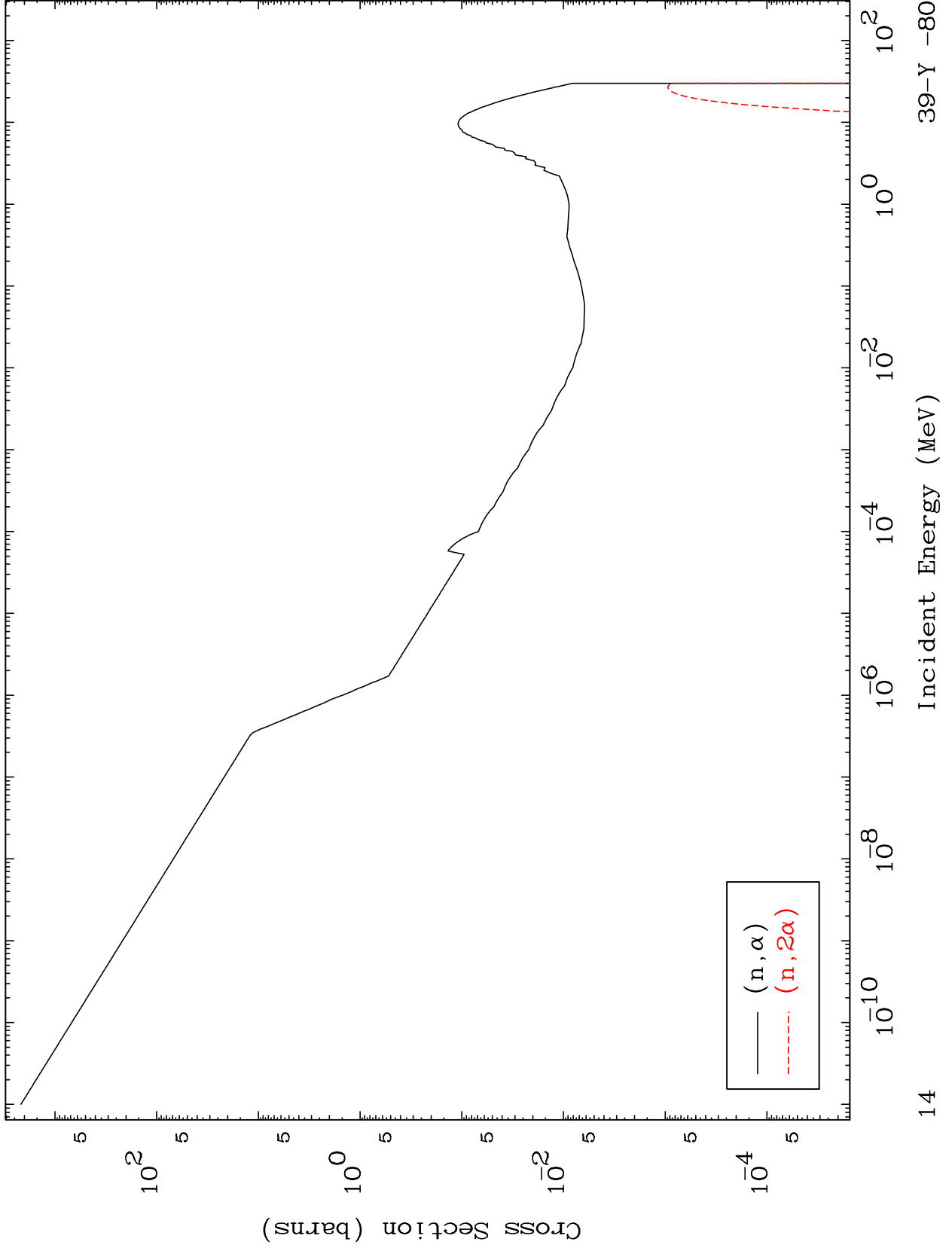
39-Y -80



MAT 3898

(n,α) Levels
293 Kelvin Cross Sections

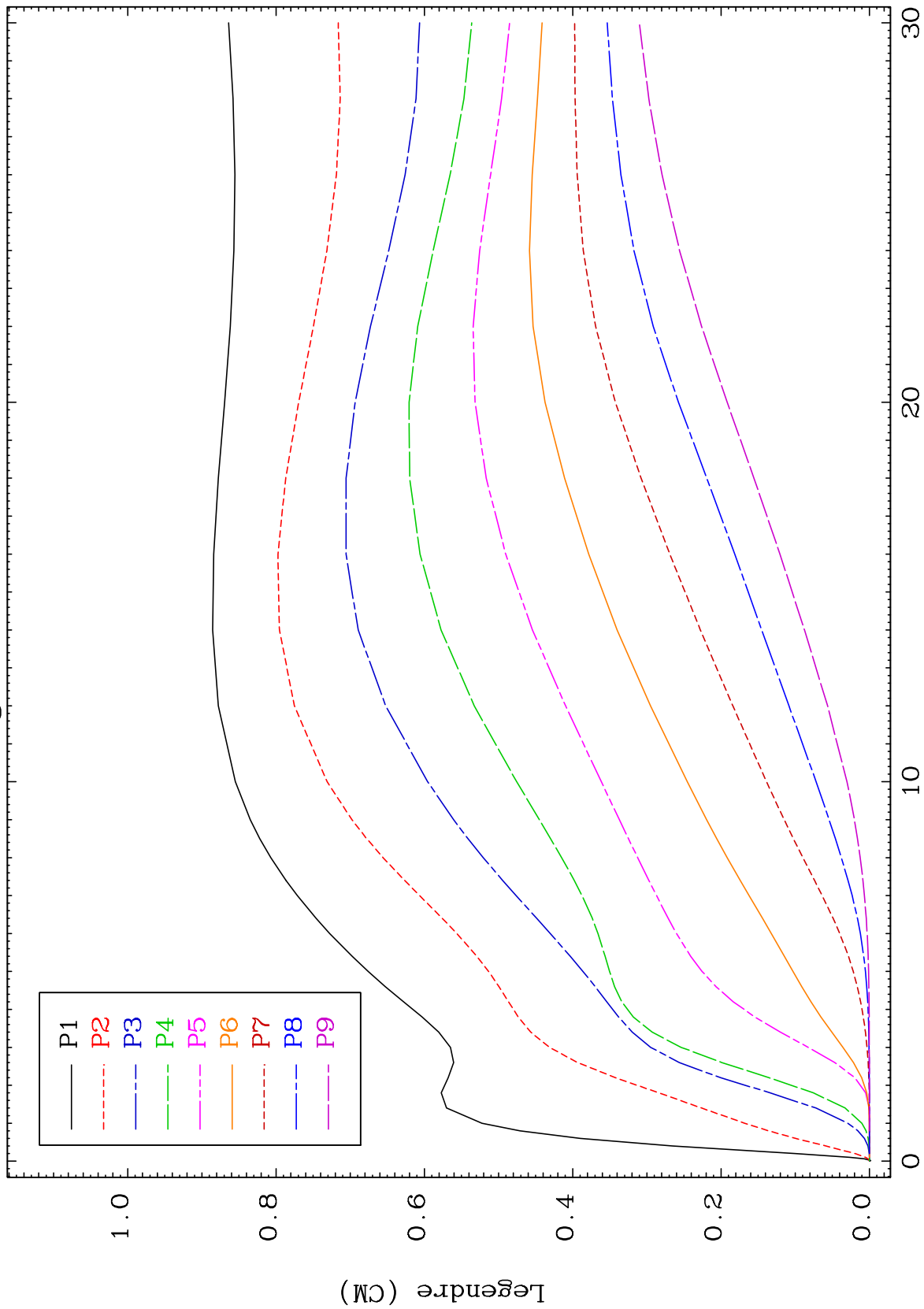
39-Y -80



MAT 3898

Elastic Legendre Coefficients

39-Y -80



15

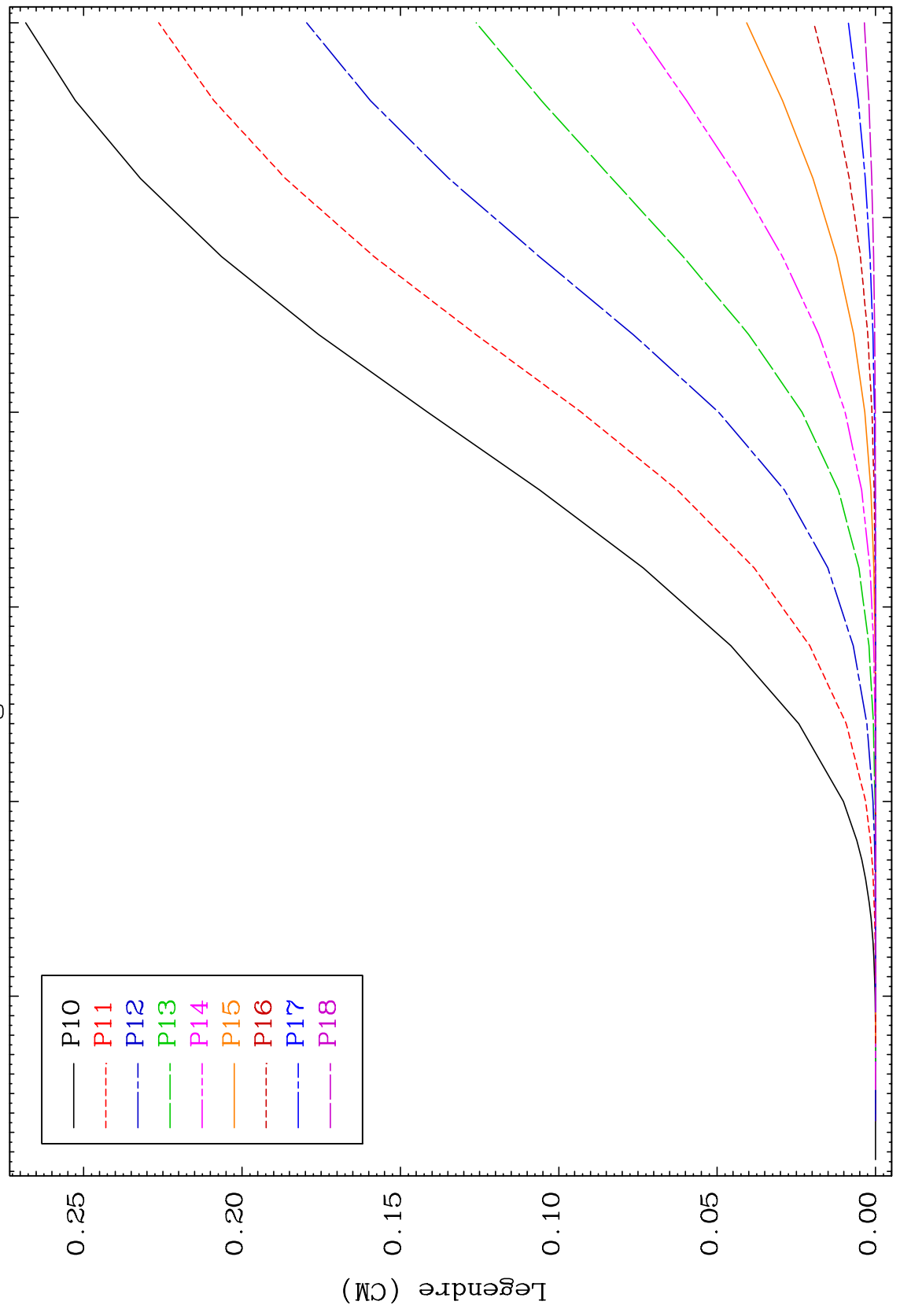
Incident Energy (MeV)

39-Y -80

MAT 3898

Elastic Legendre Coefficients

39-Y -80



16

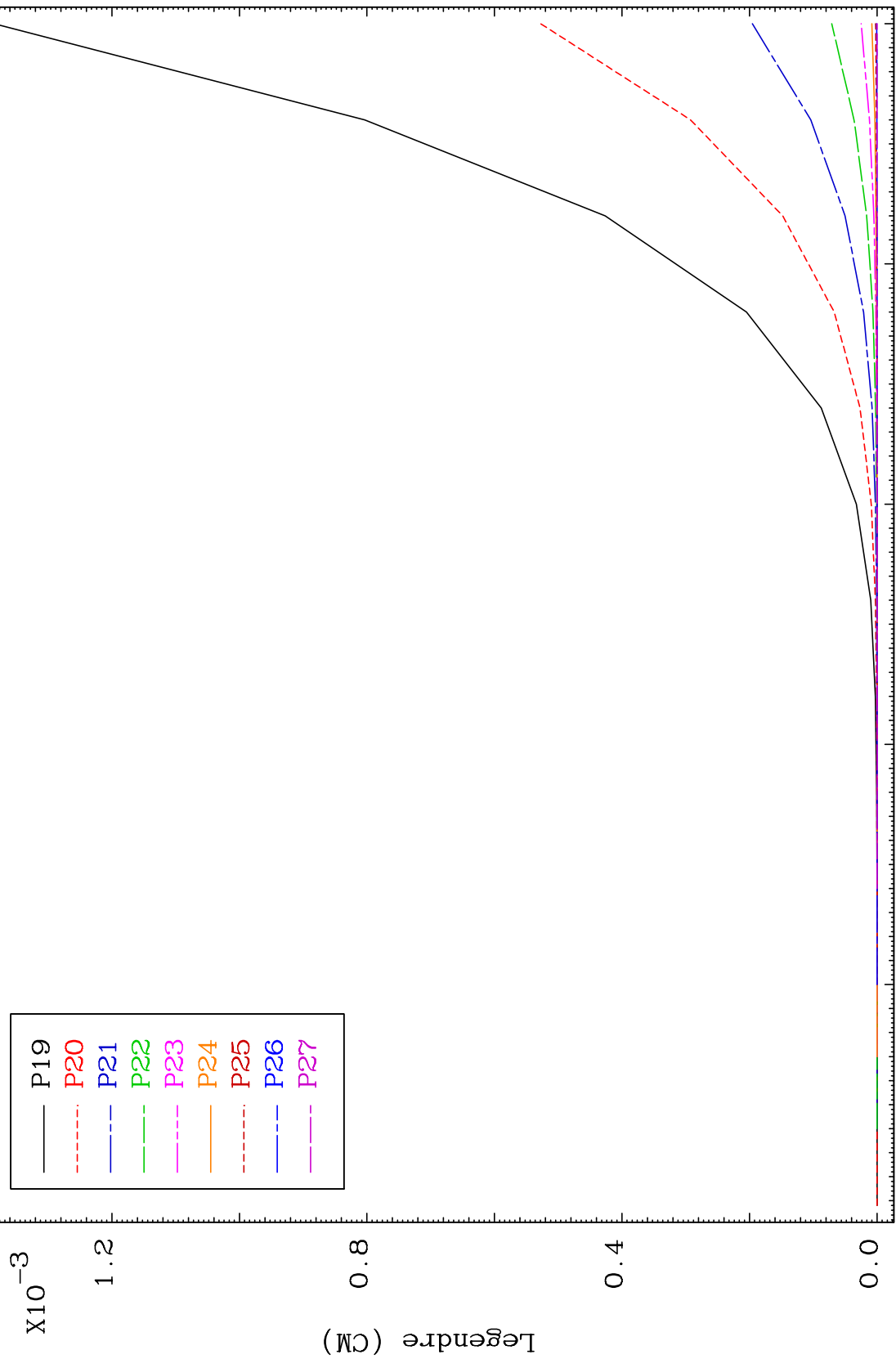
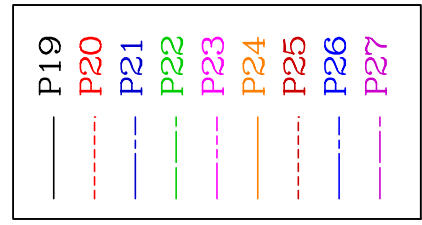
Incident Energy (MeV)

39-Y -80

MAT 3898

Elastic Legendre Coefficients

39-Y -80



17

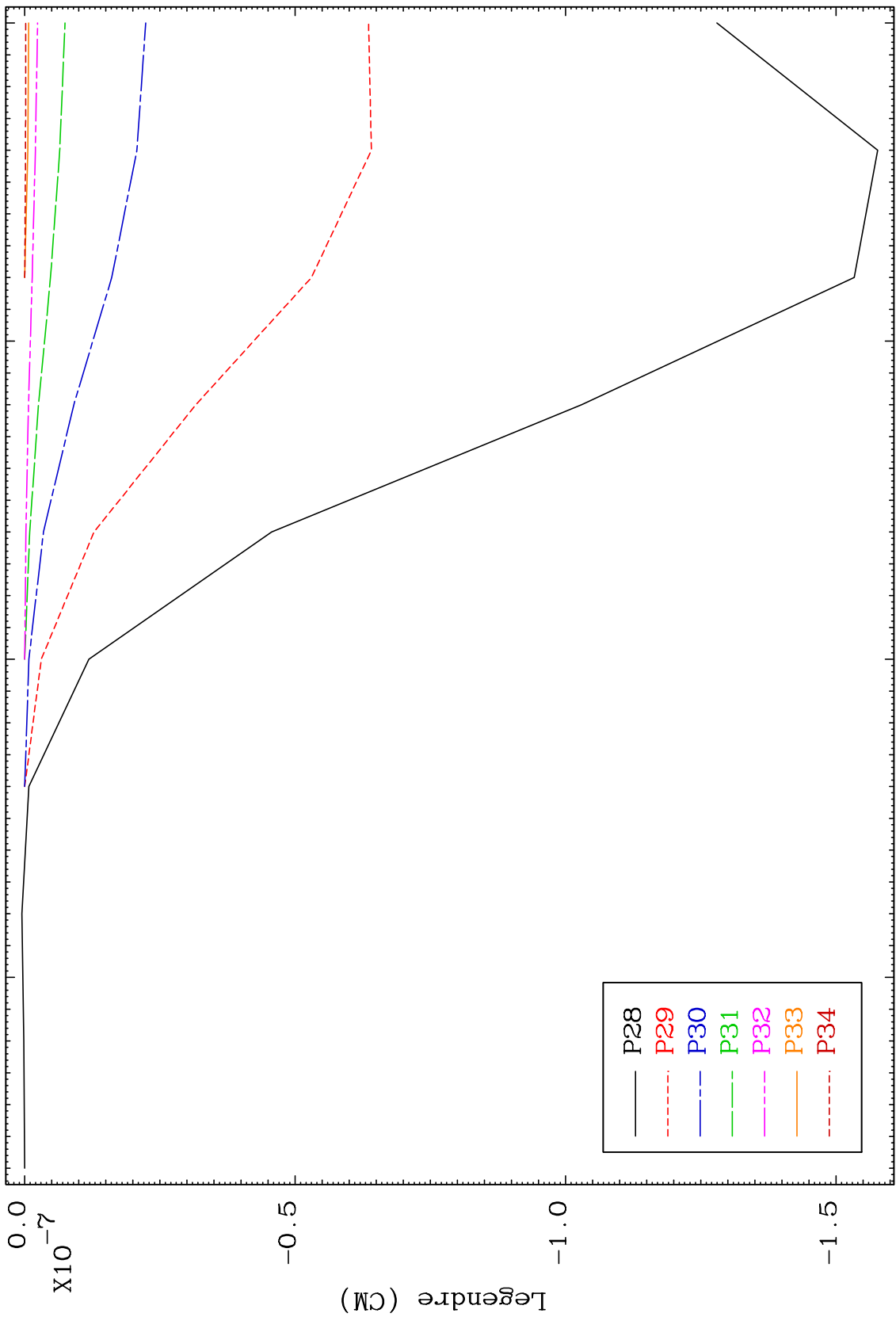
Incident Energy (MeV)

39-Y -80

MAT 3898

39-Y -80

Elastic Legendre Coefficients



18

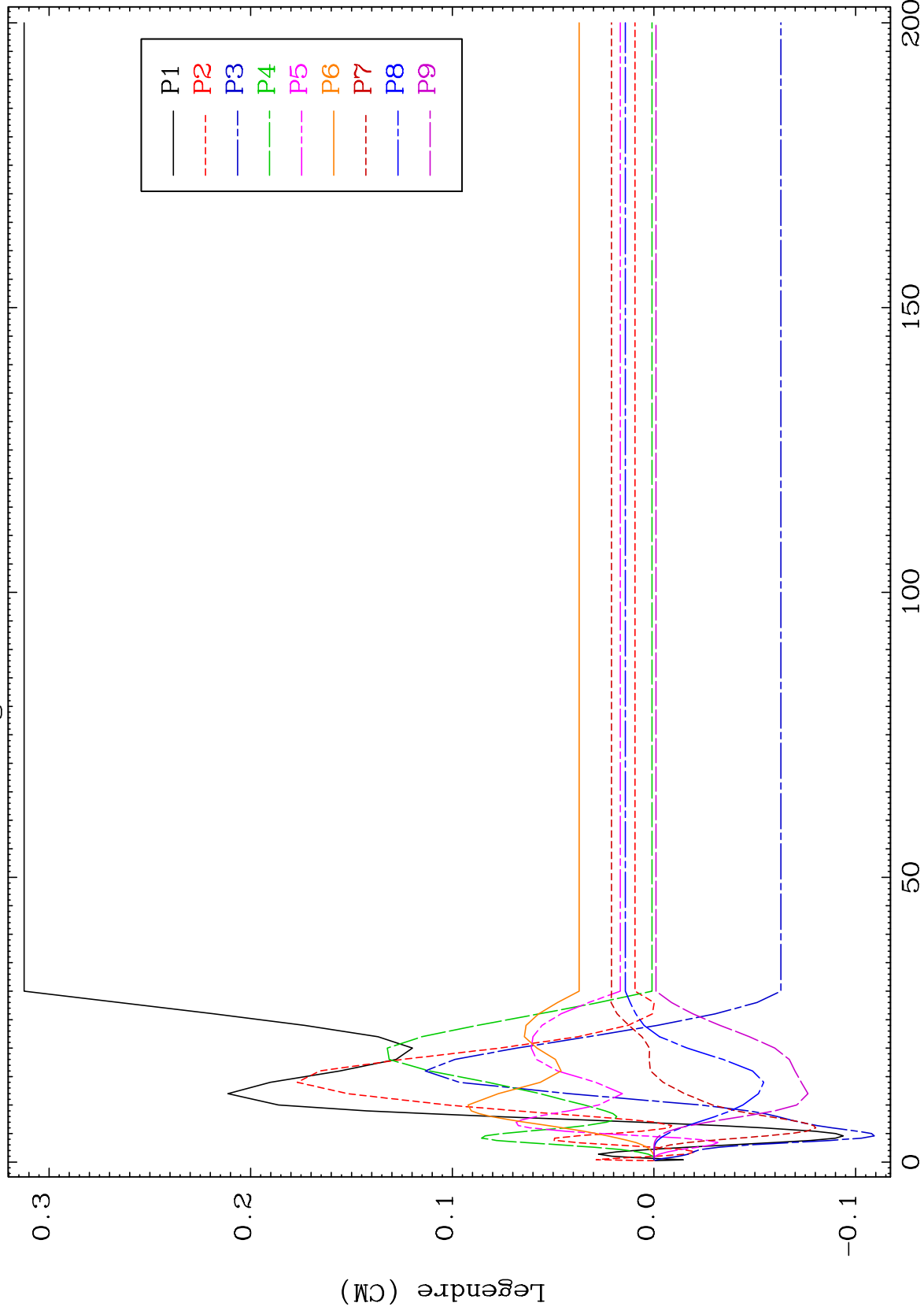
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80



19

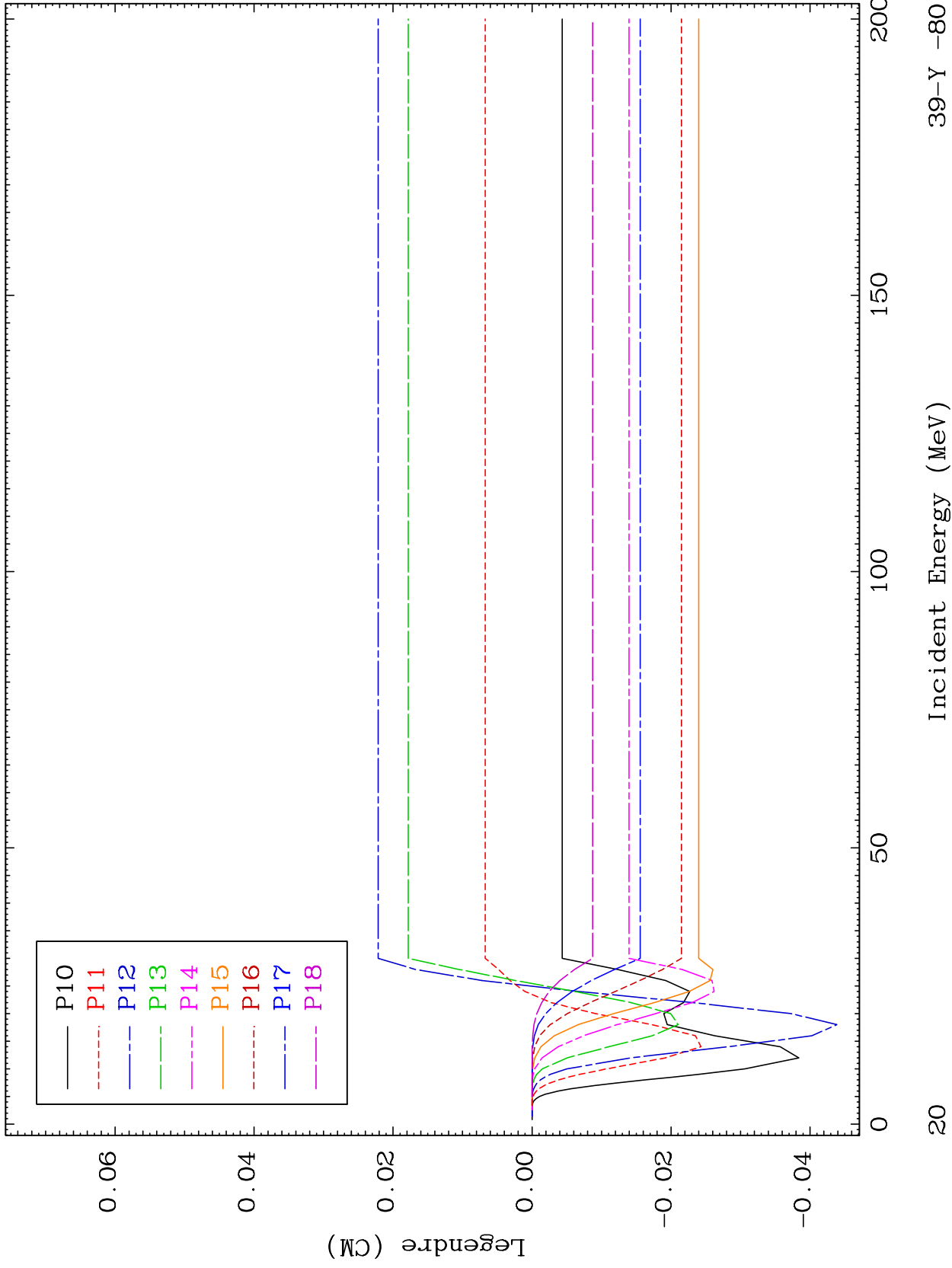
Incident Energy (MeV)

39-Y -80

MAT 3898

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

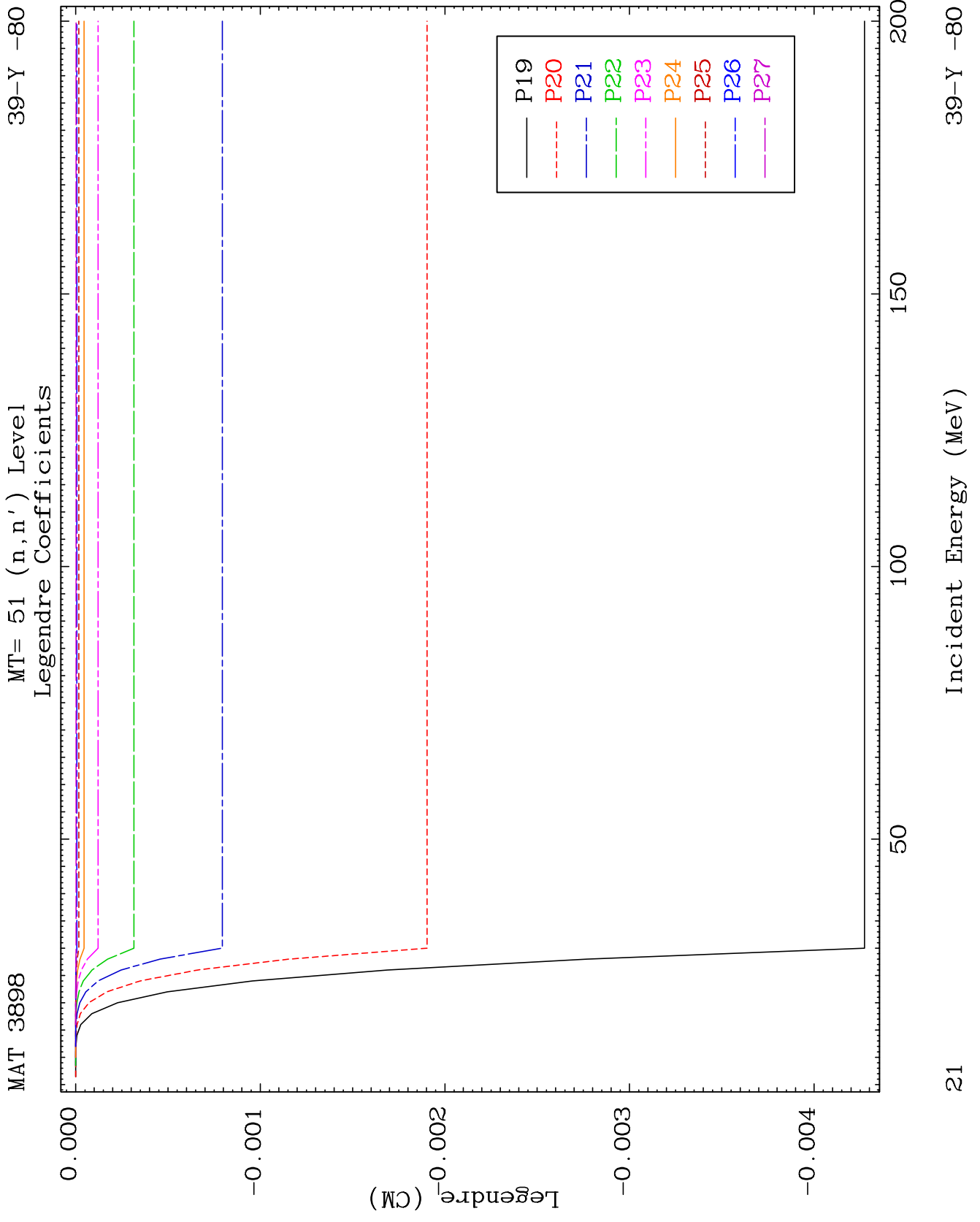
39-Y -80

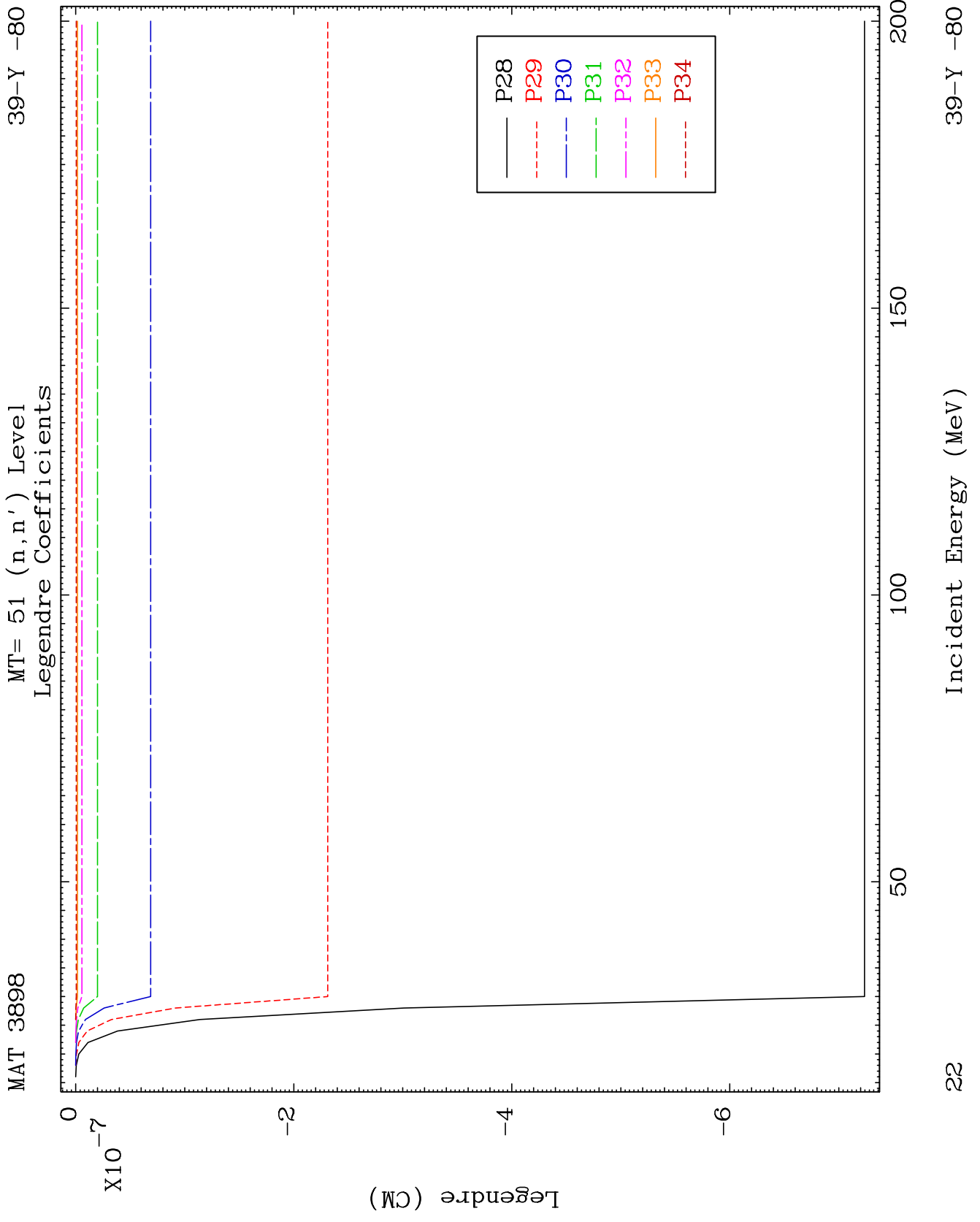


39-Y -80

Incident Energy (MeV)

20

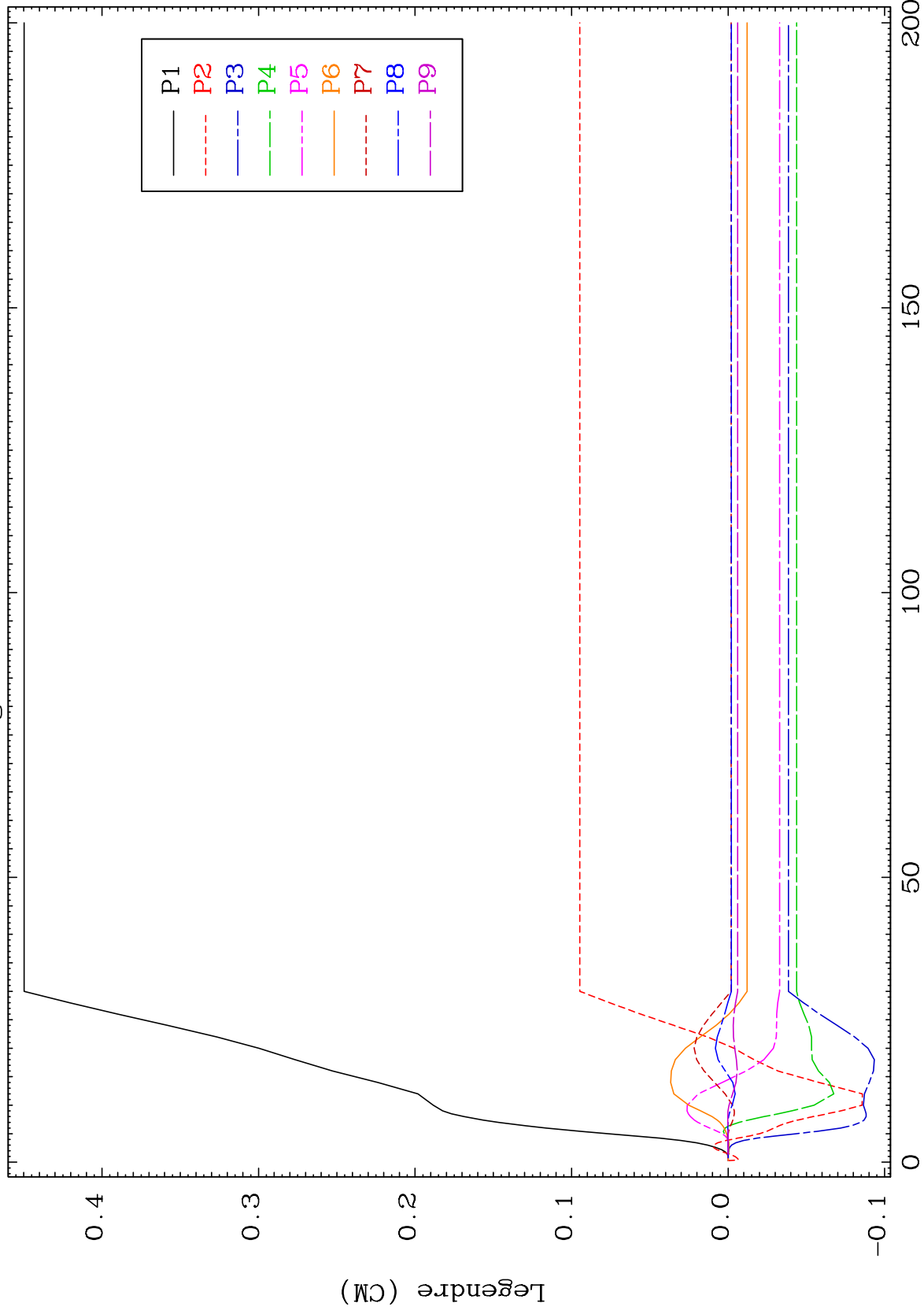




MAT 3898

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

39-Y -80



23

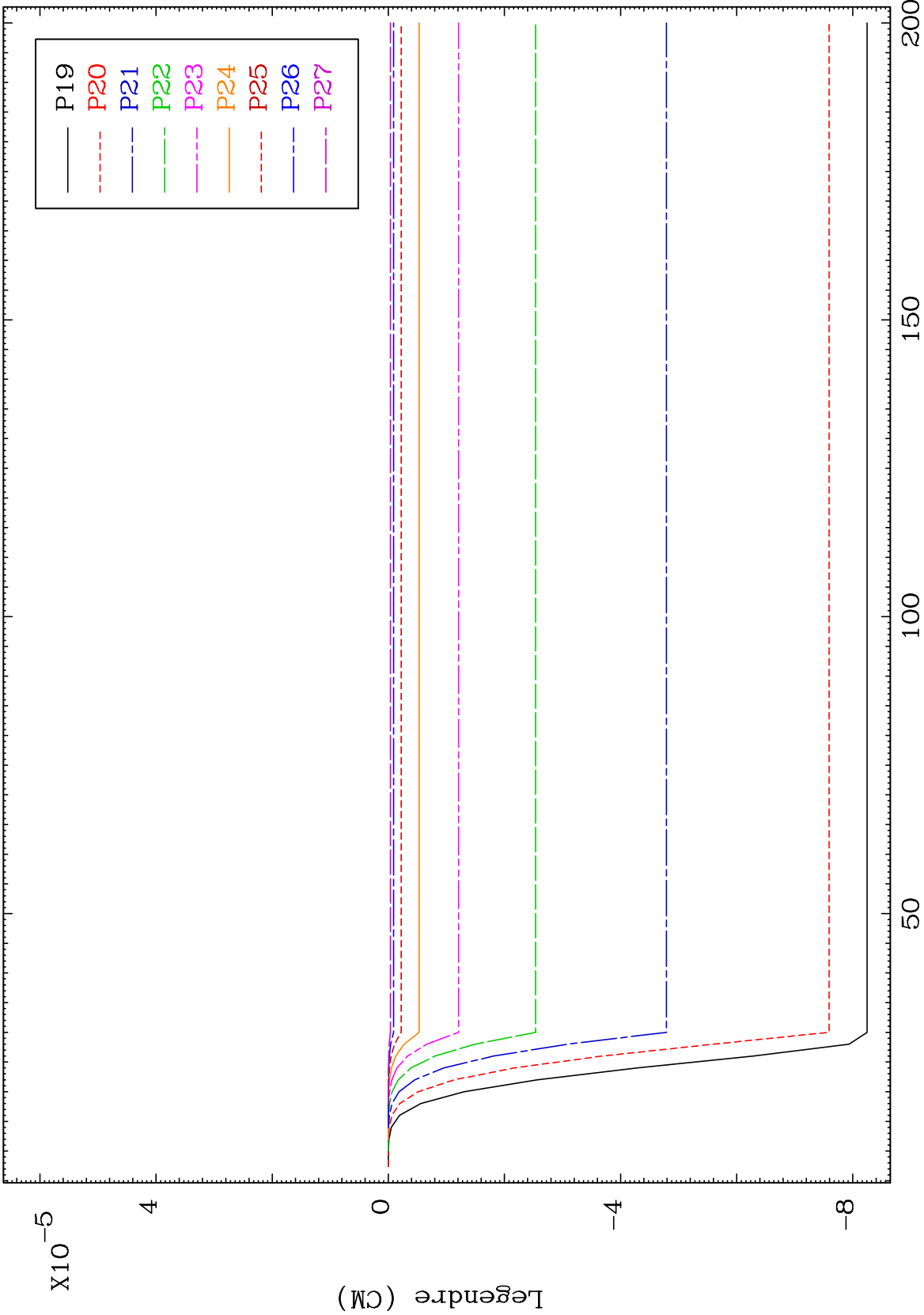
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80



25

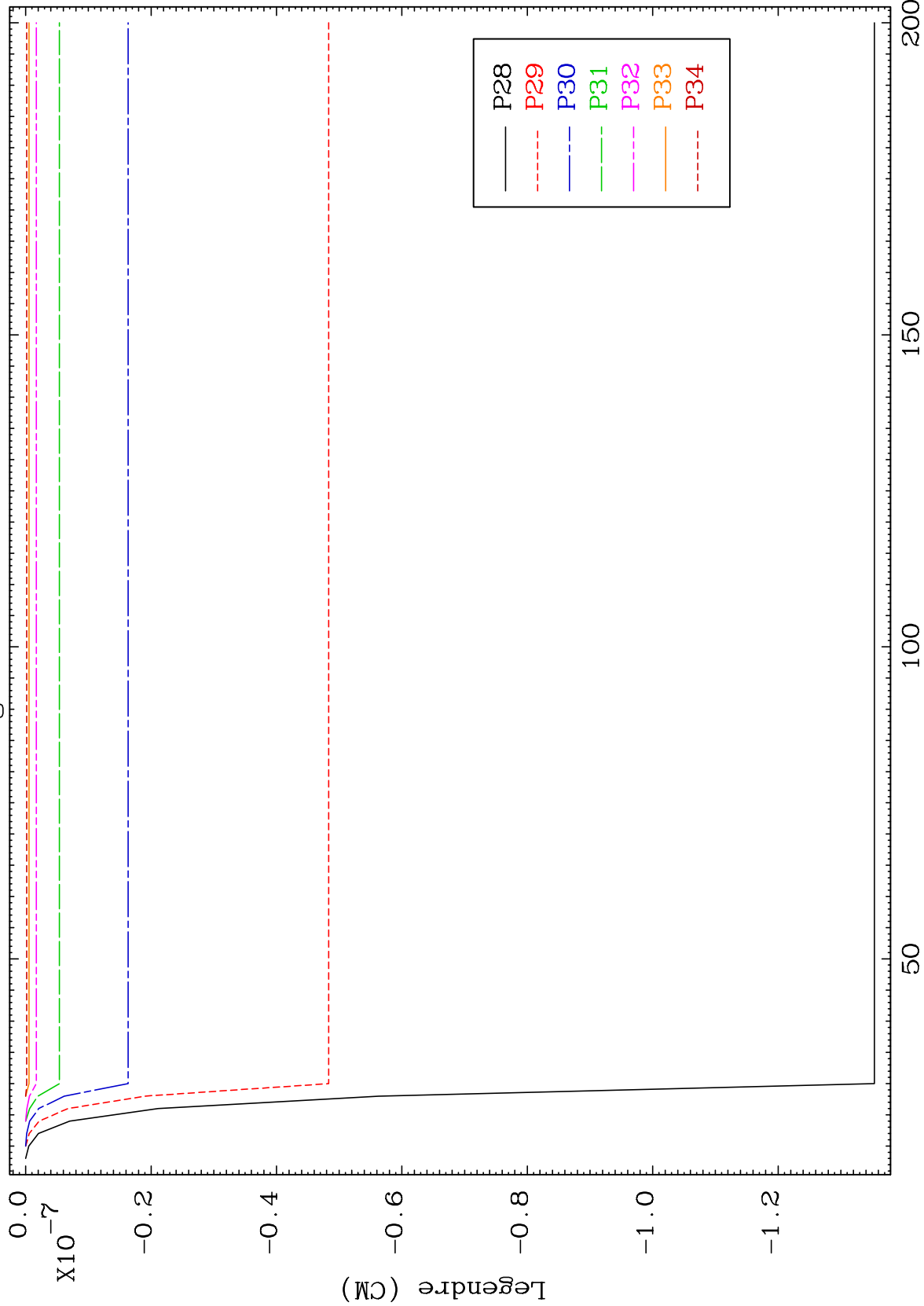
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80



26

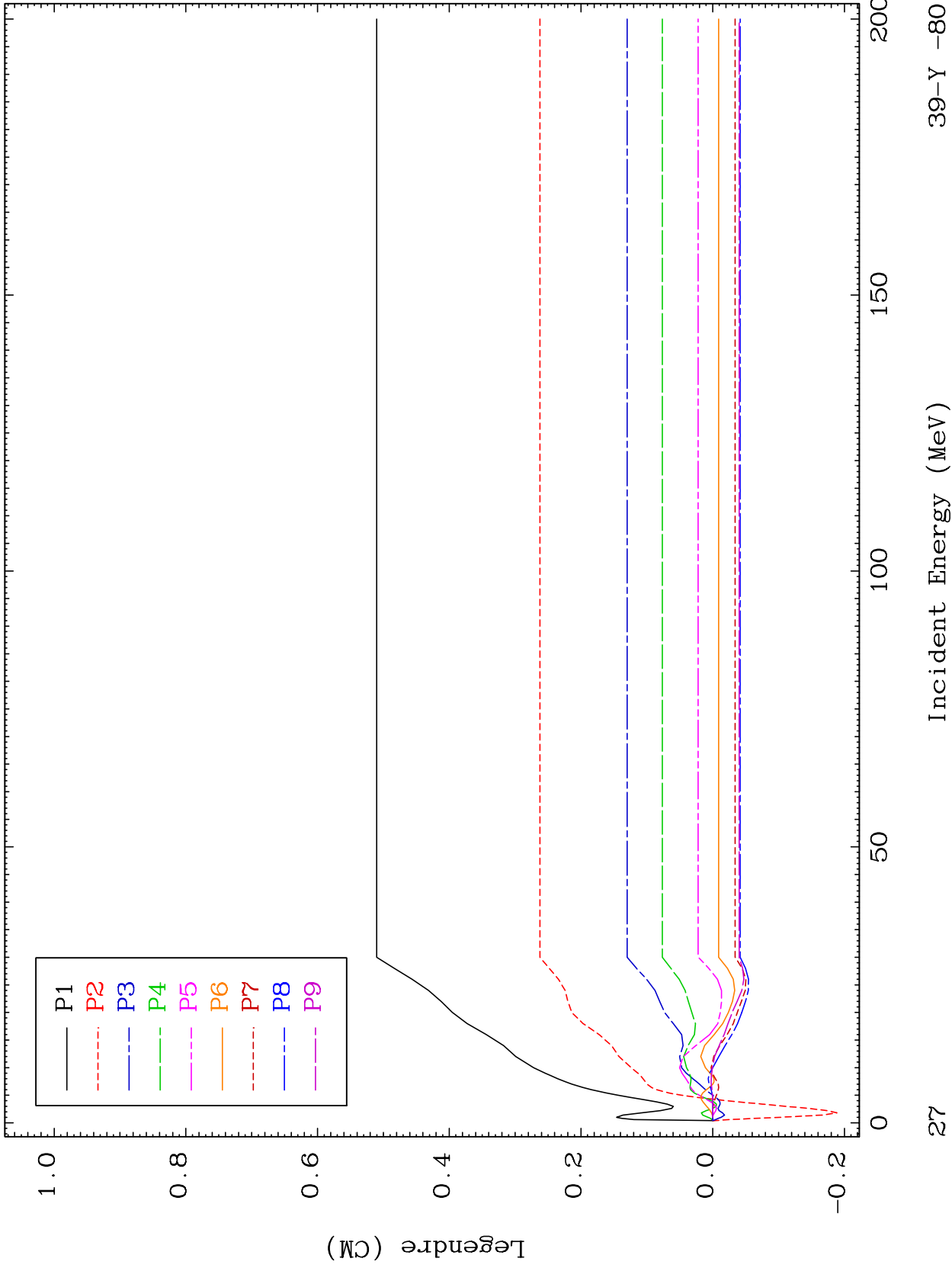
Incident Energy (MeV)

39-Y -80

MAT 3898

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

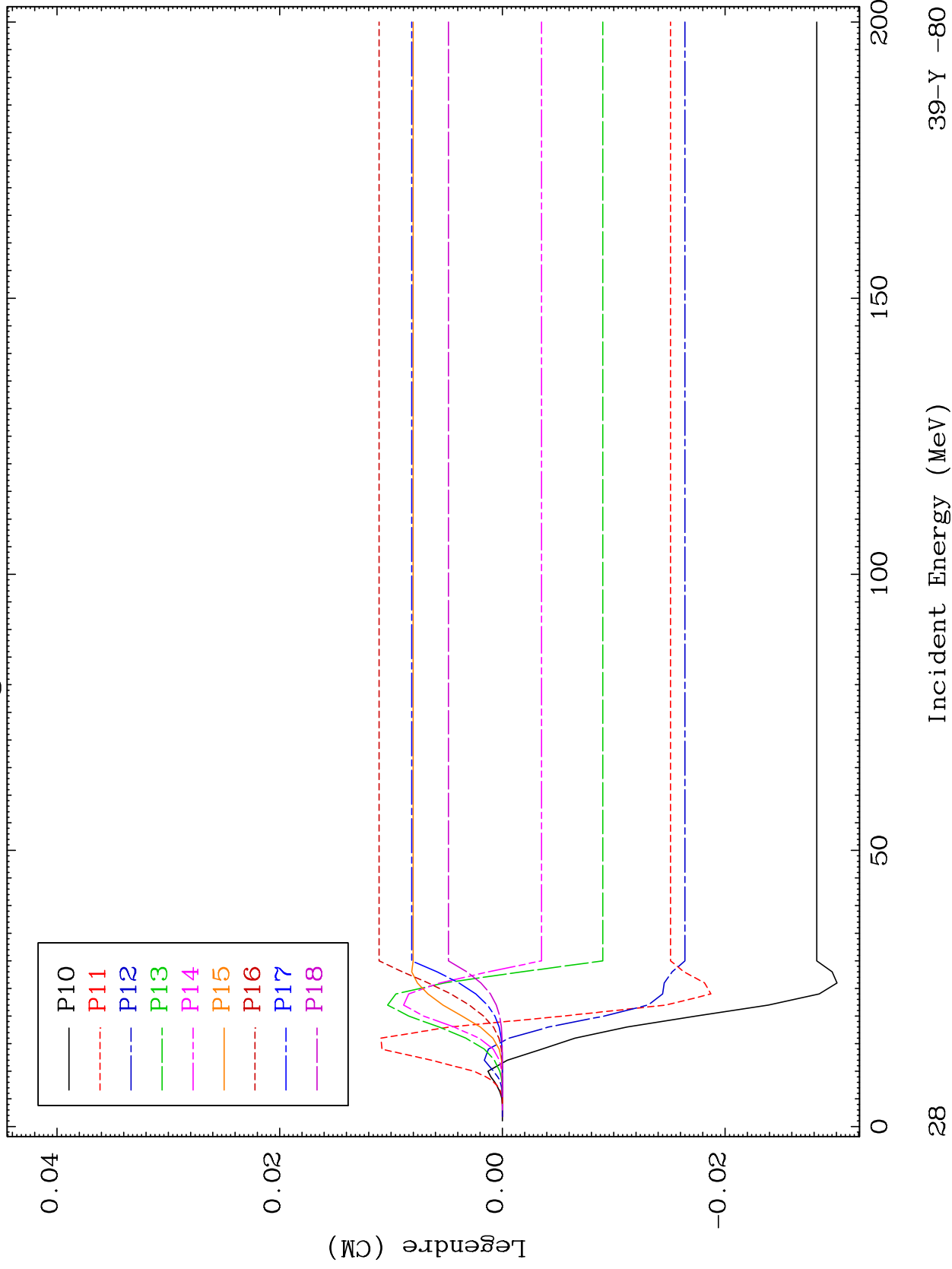
39-Y -80



MAT 3898

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

39-Y -80



28

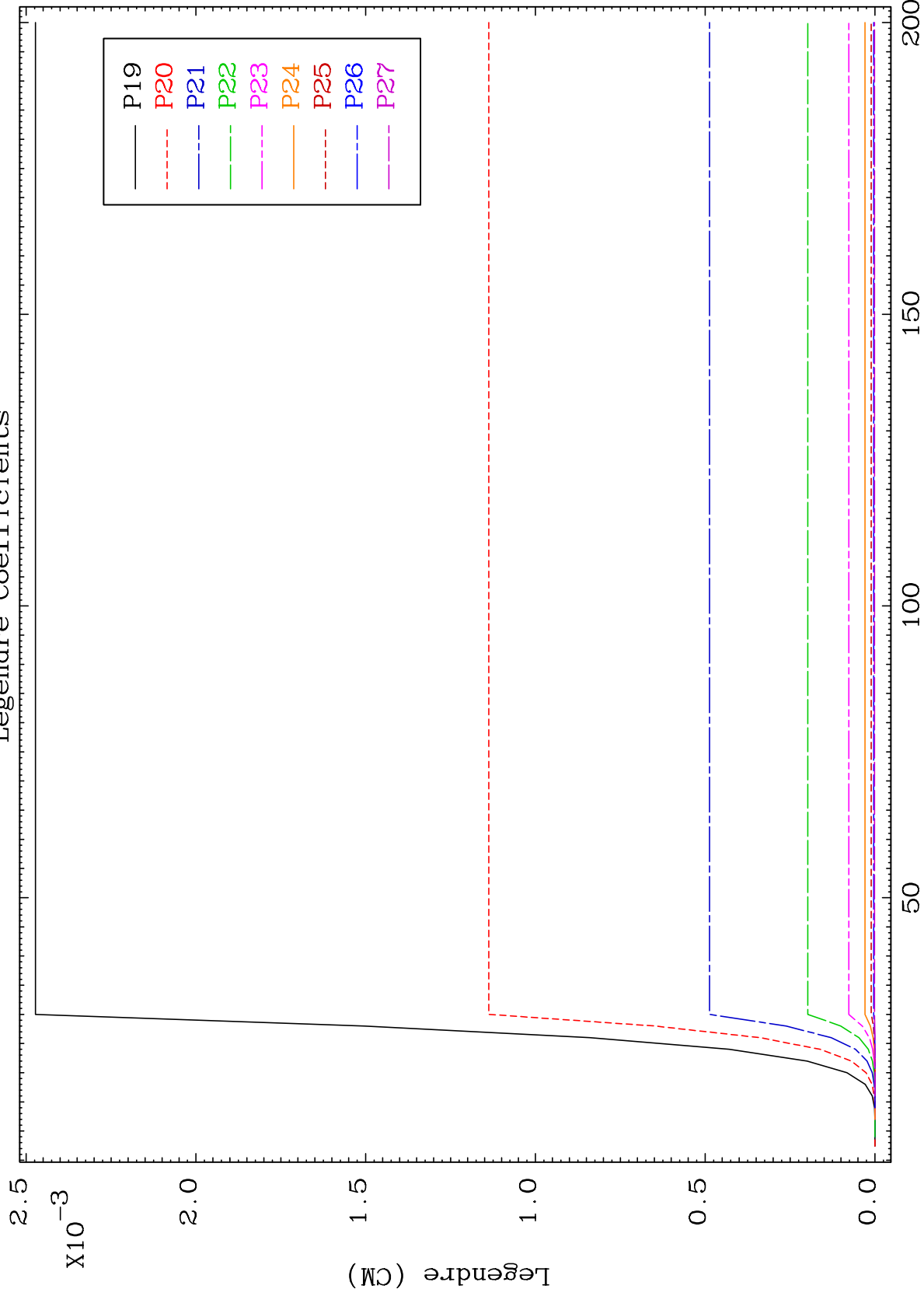
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80



29

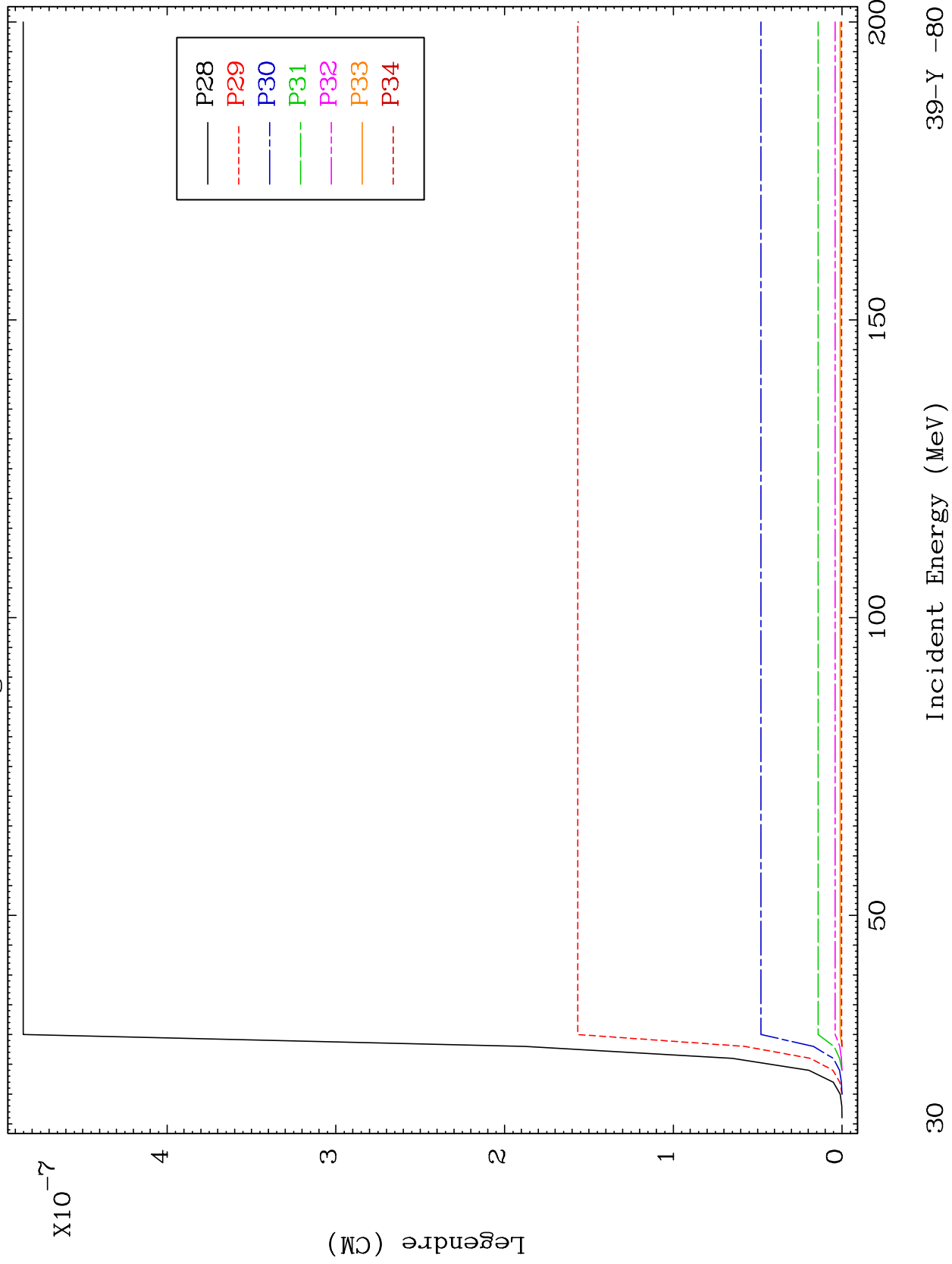
Incident Energy (MeV)

39-Y -80

MAT 3898

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

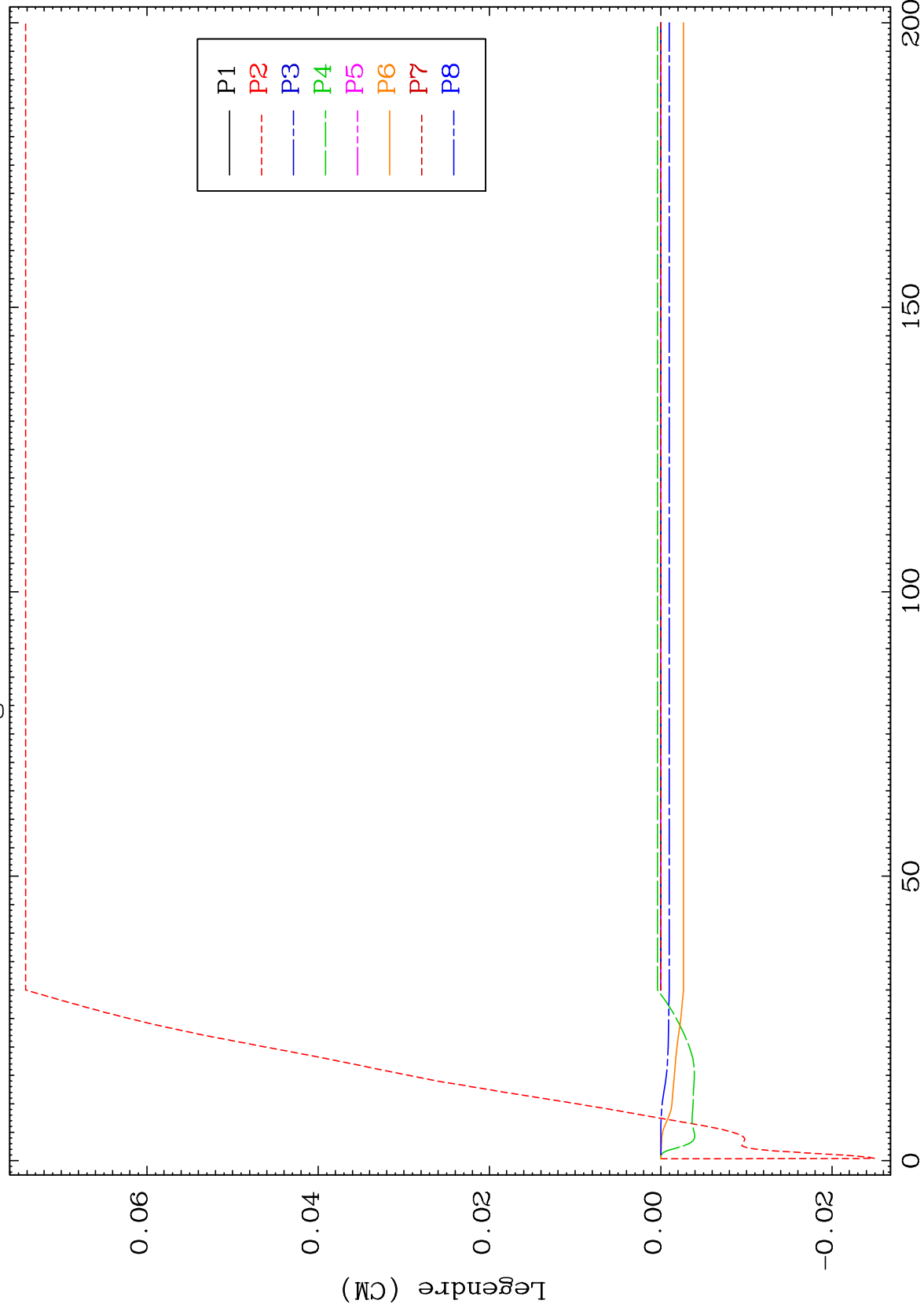
39-Y -80



MAT 3898

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

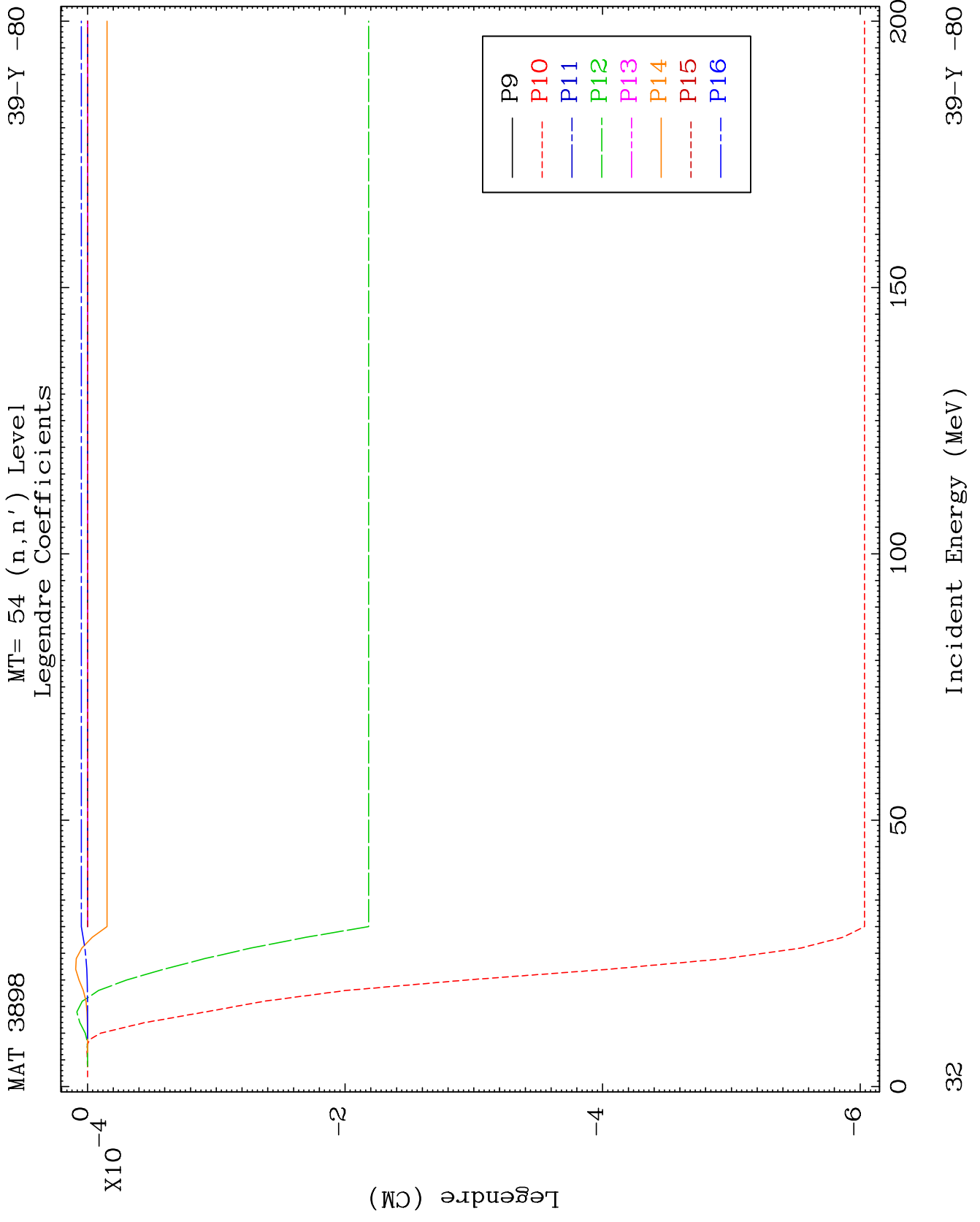
39-Y -80

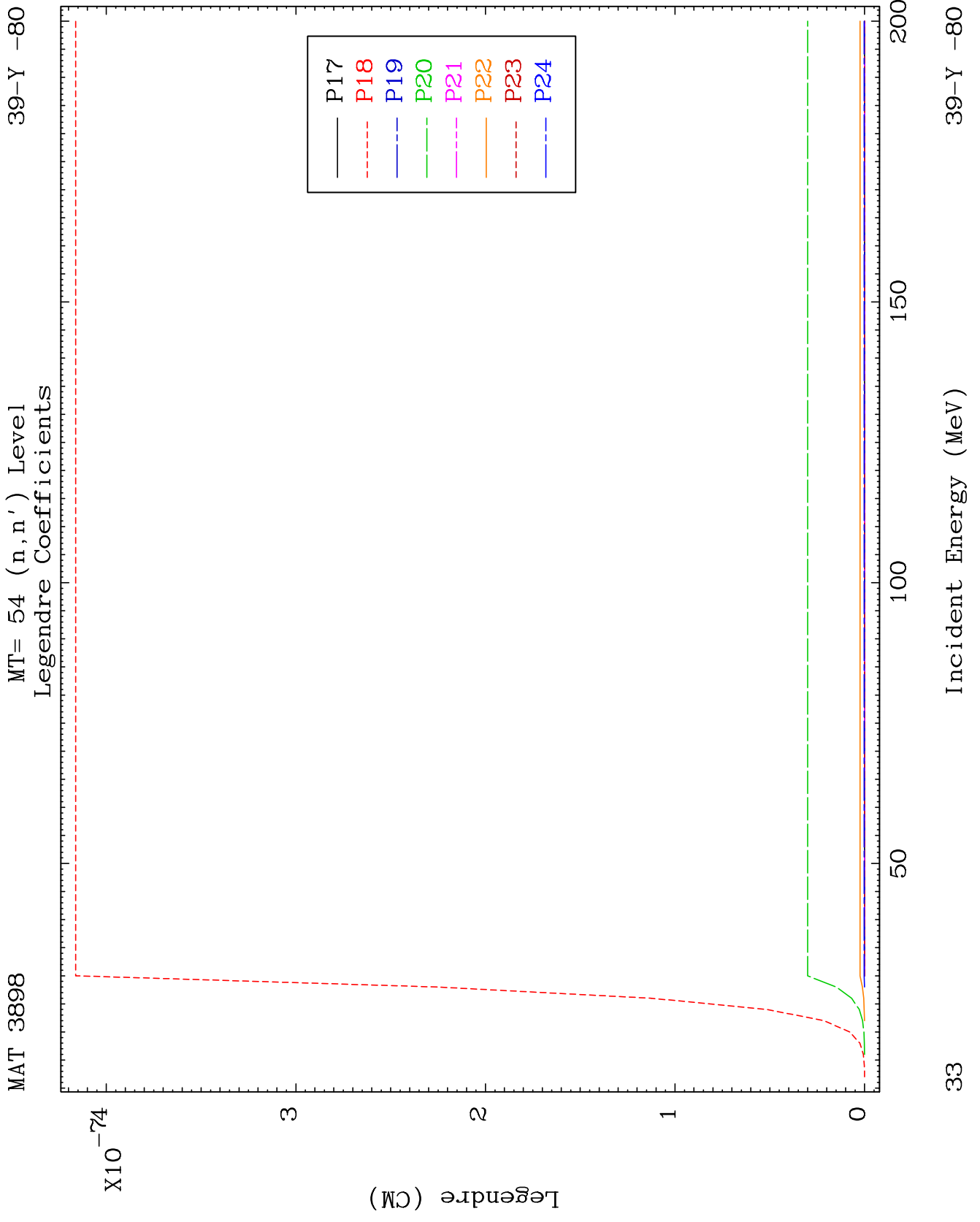


31

Incident Energy (MeV)

39-Y -80

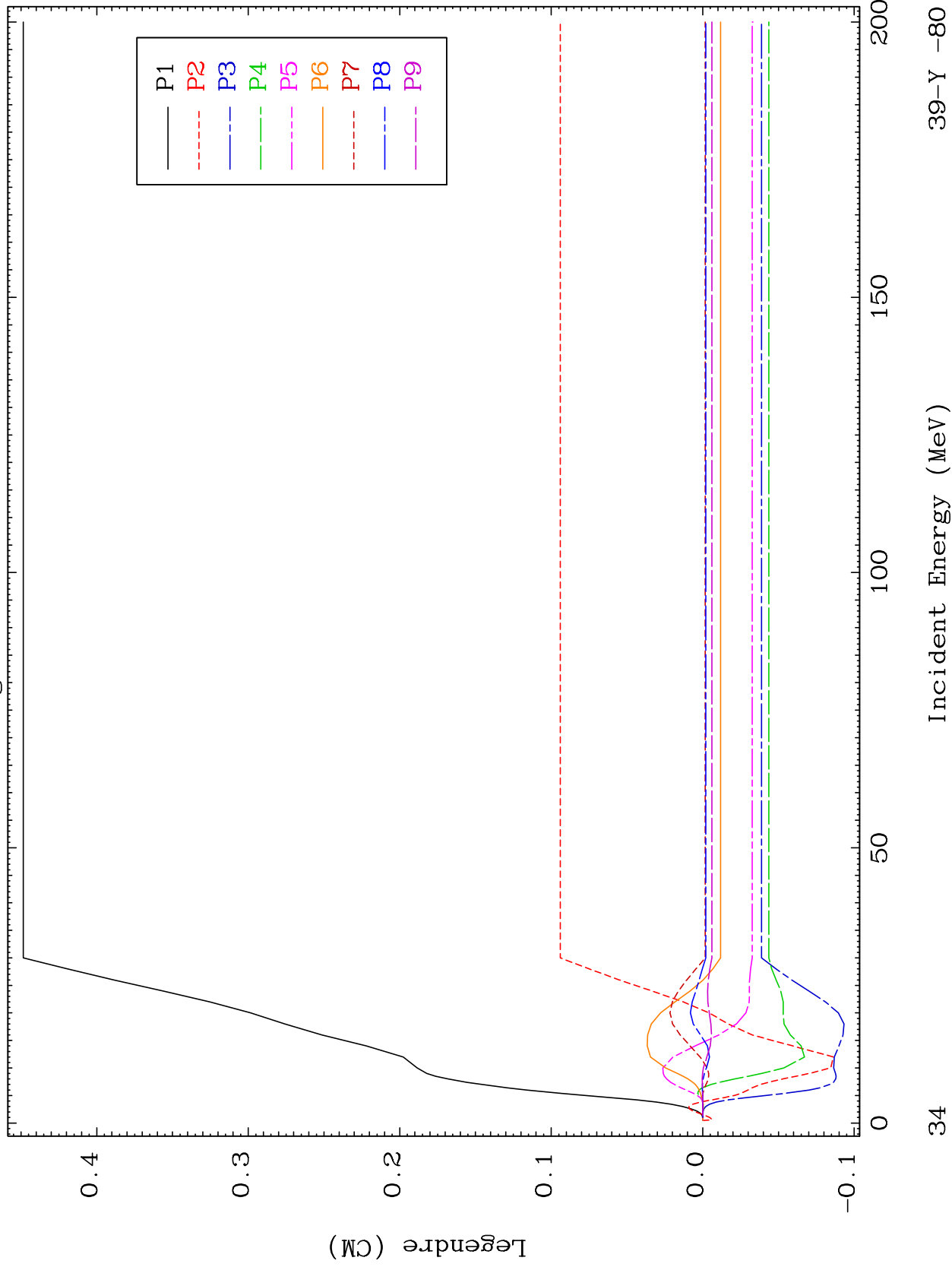




MAT 3898

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

39-Y -80



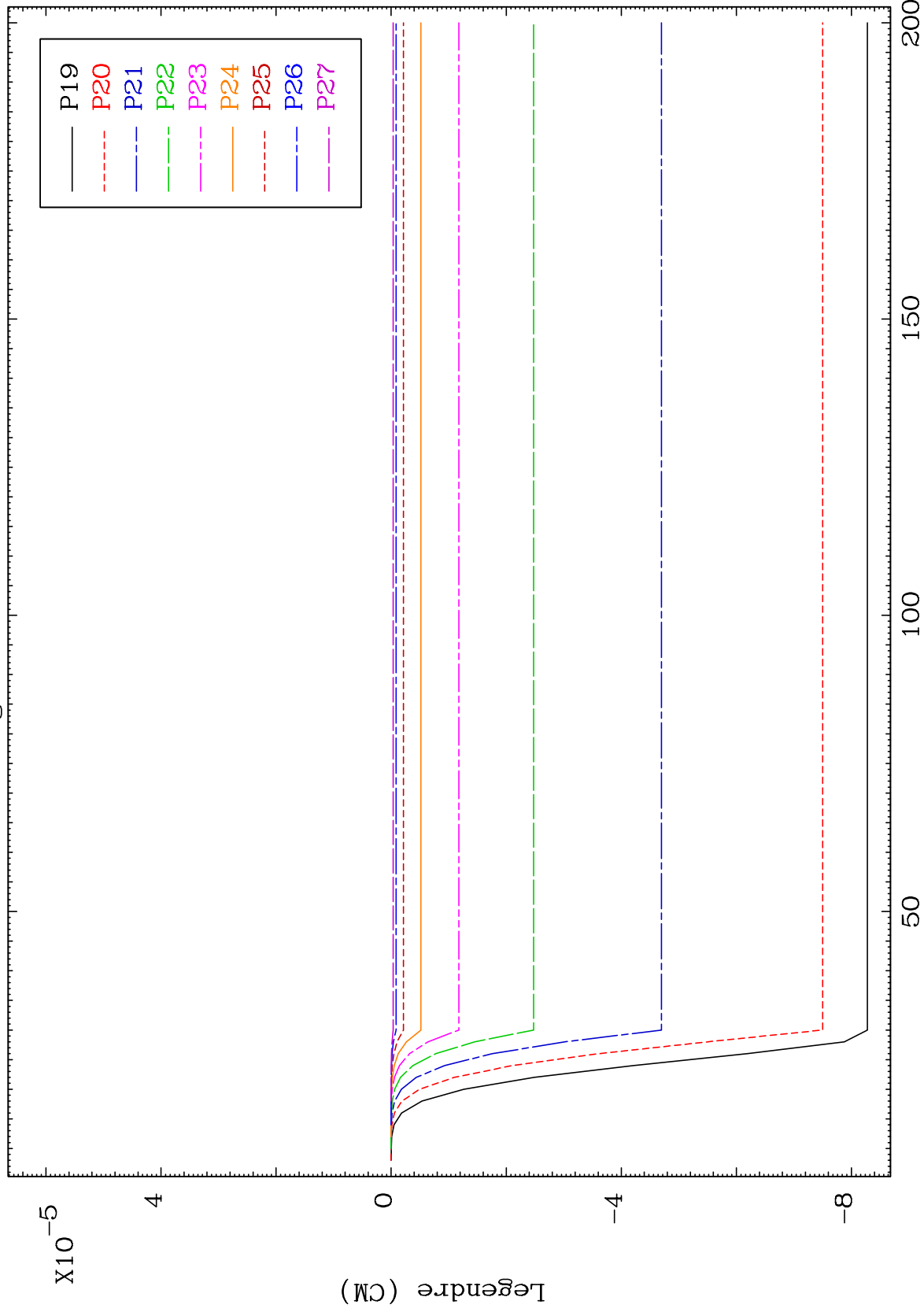
34

39-Y -80

MAT 3898

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

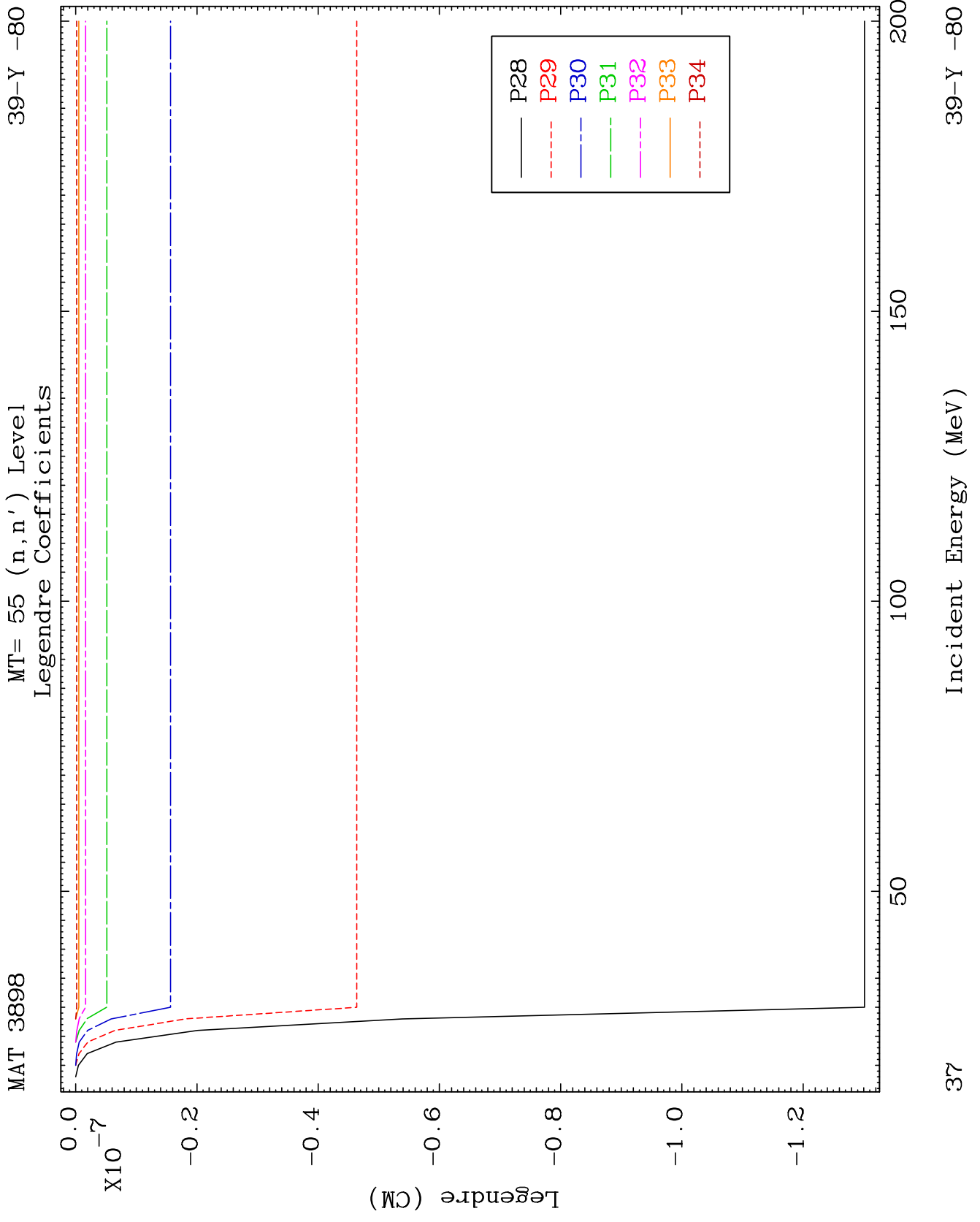
39-Y -80

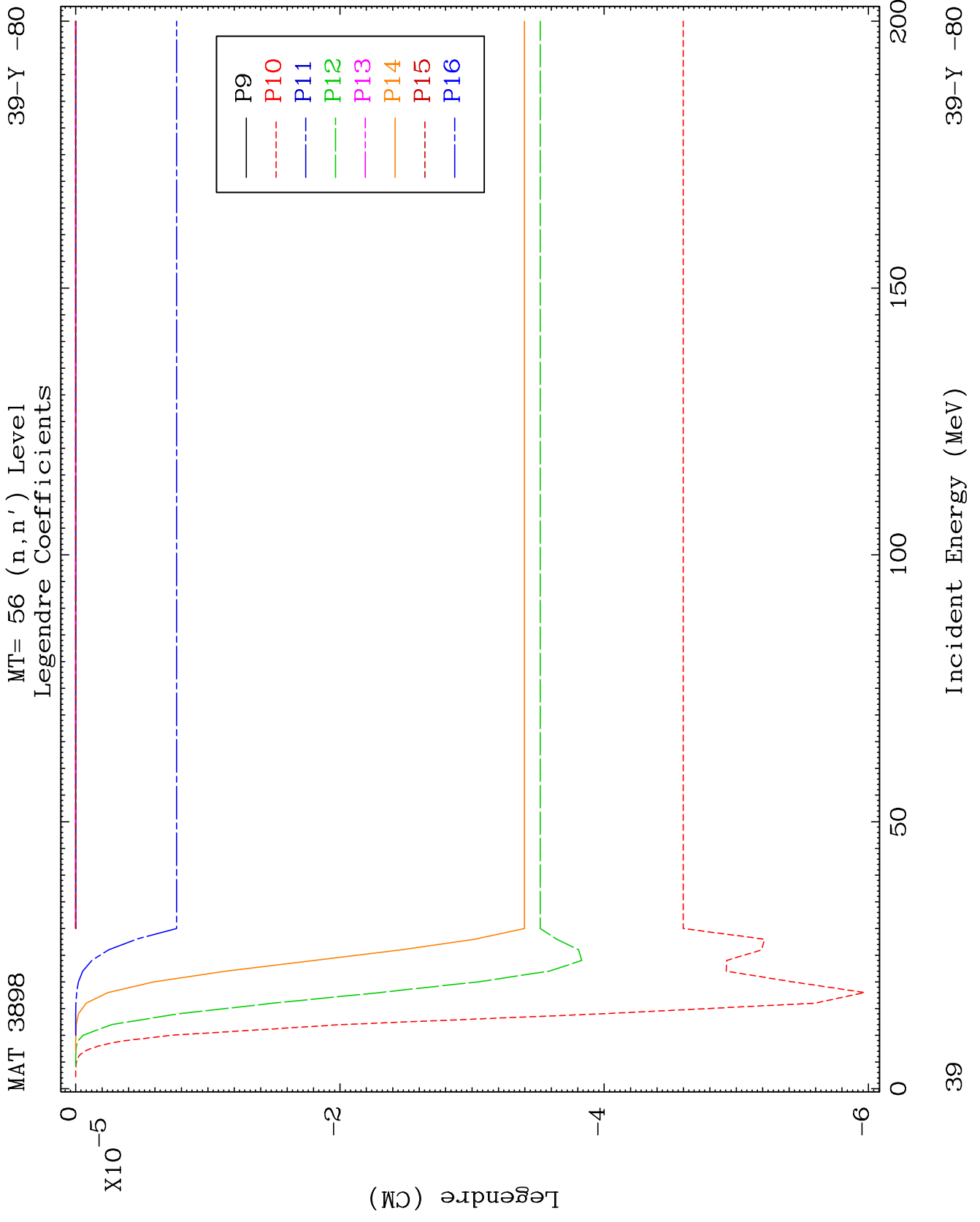


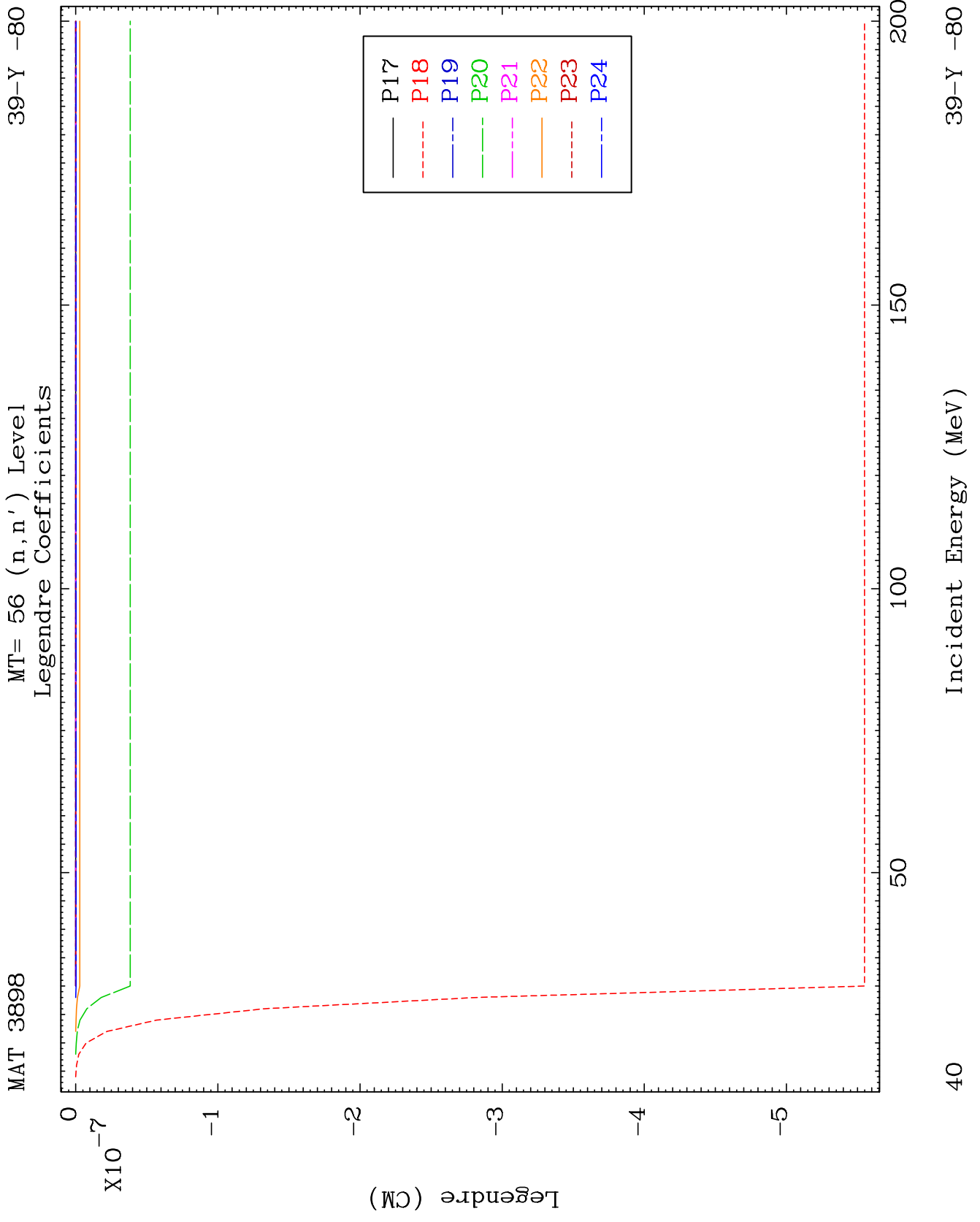
36

Incident Energy (MeV)

39-Y -80



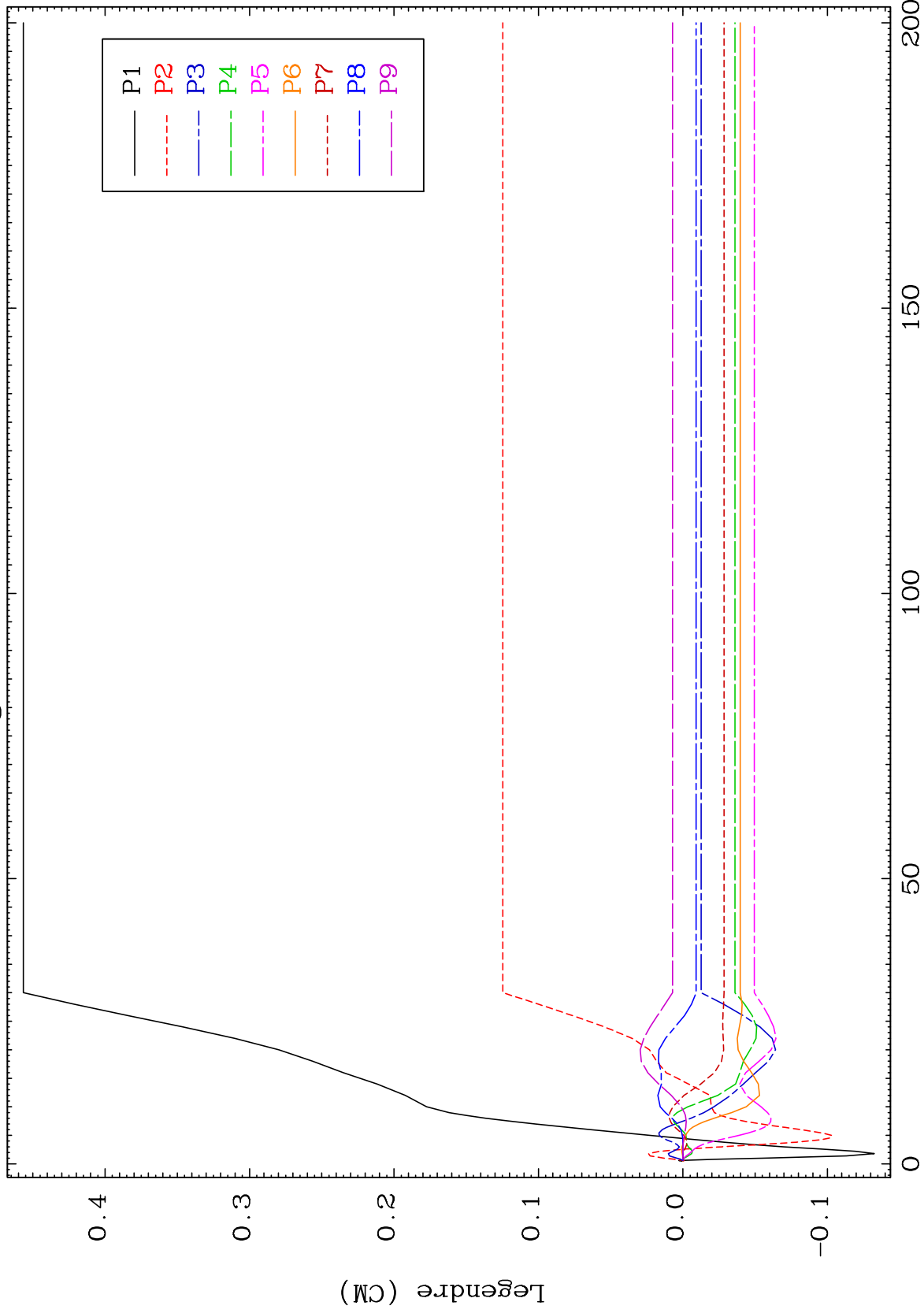




MAT 3898

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

39-Y -80



41

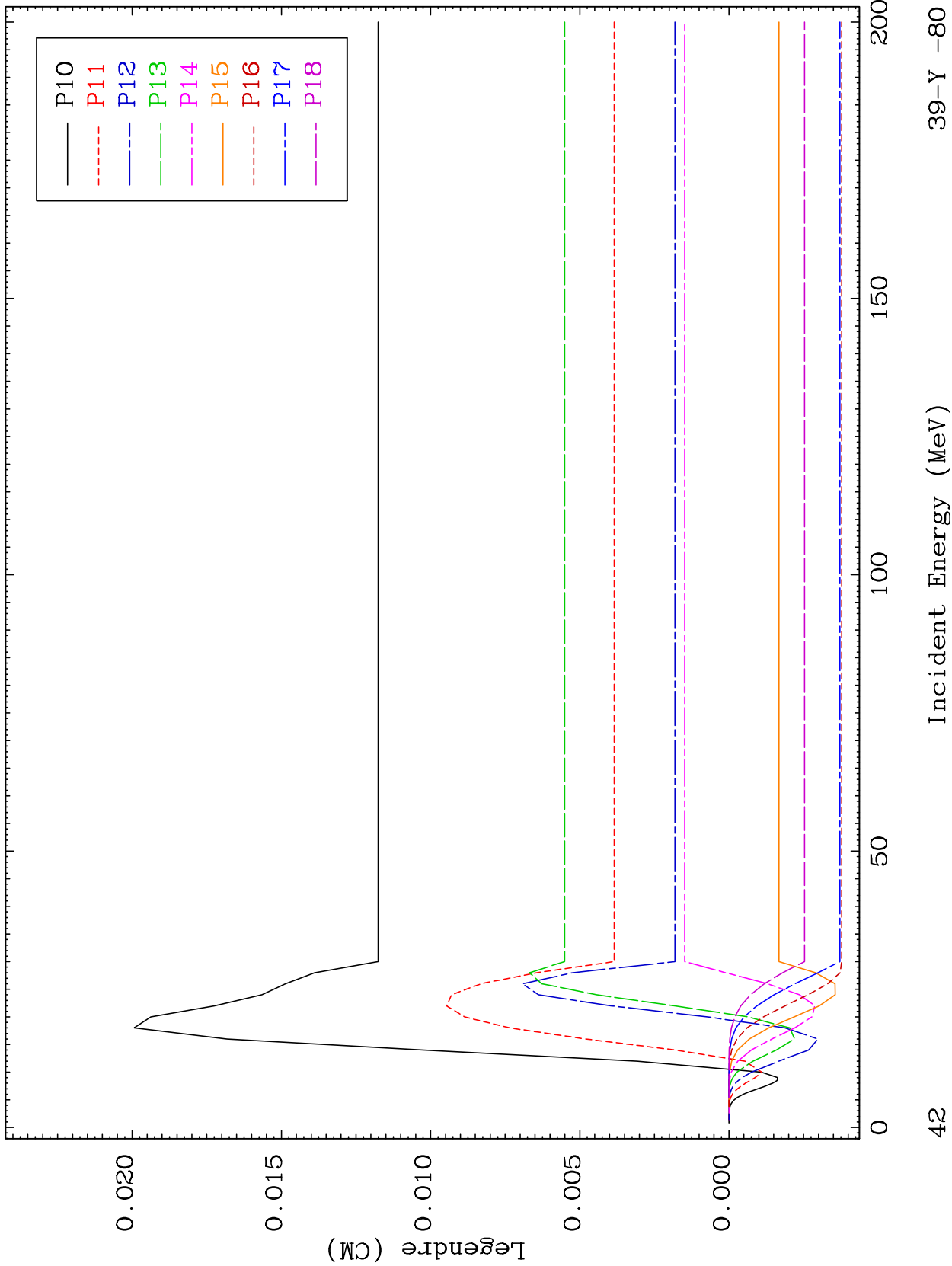
Incident Energy (MeV)

39-Y -80

MAT 3898

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

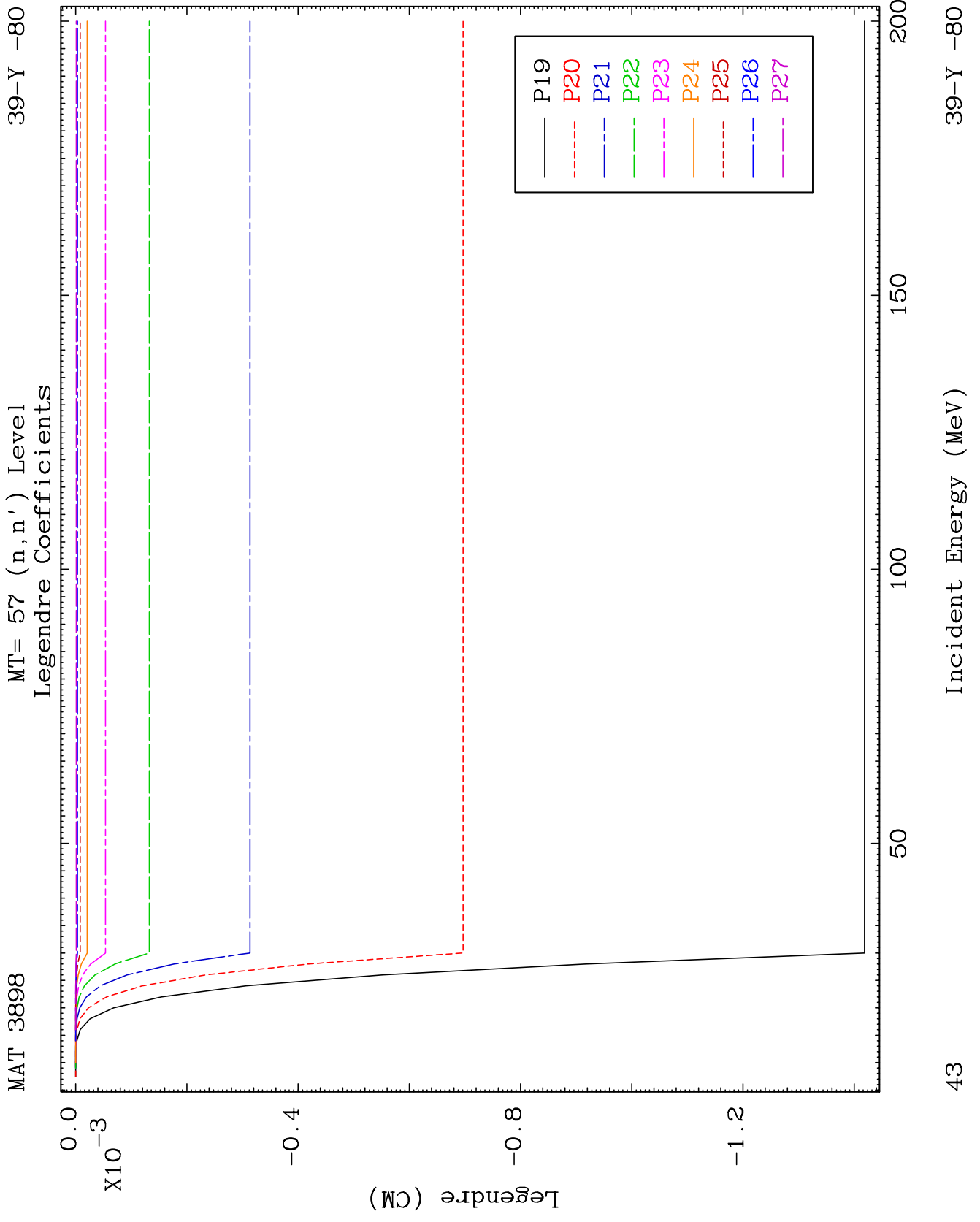
39-Y -80

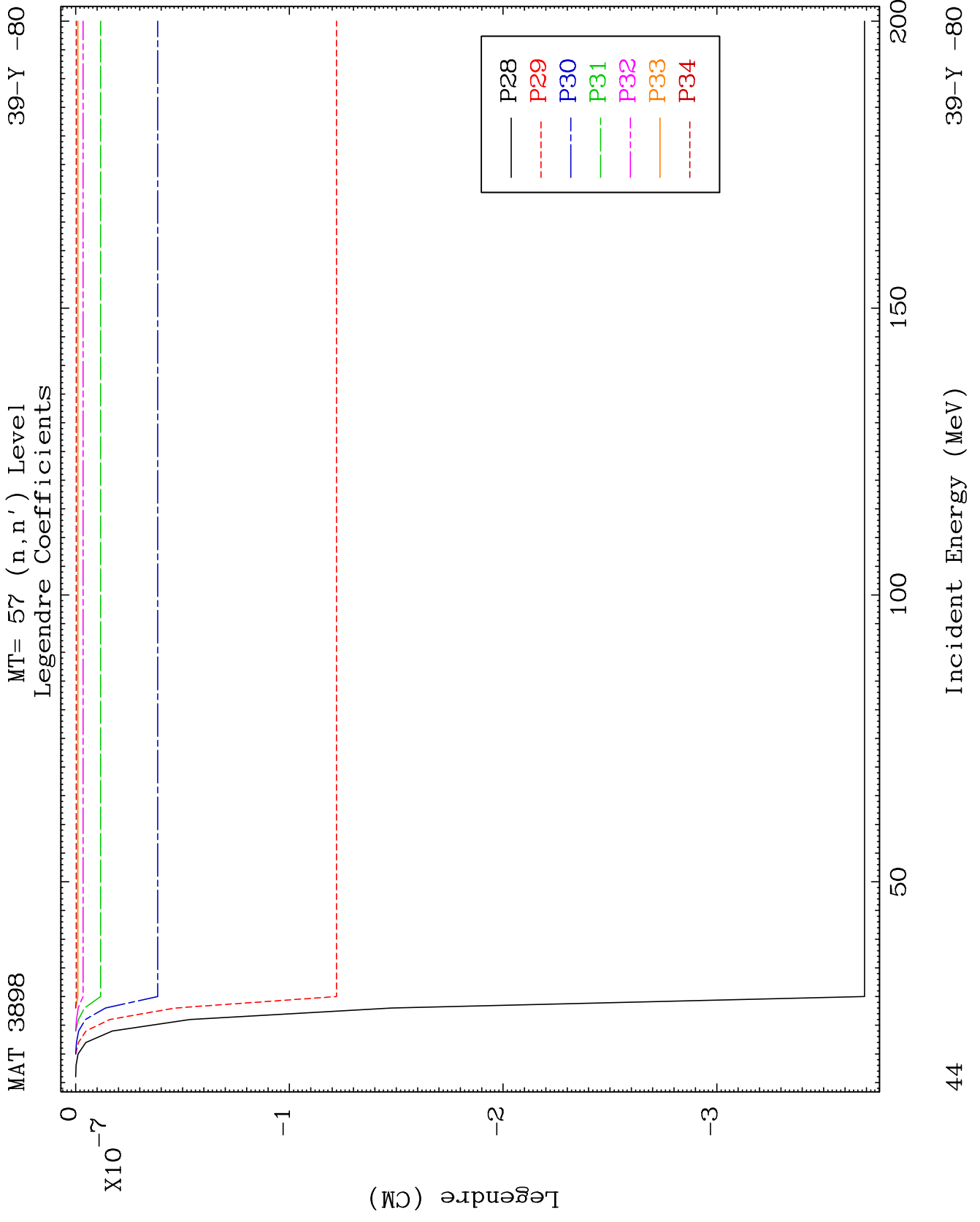


42

Incident Energy (MeV)

39-Y -80

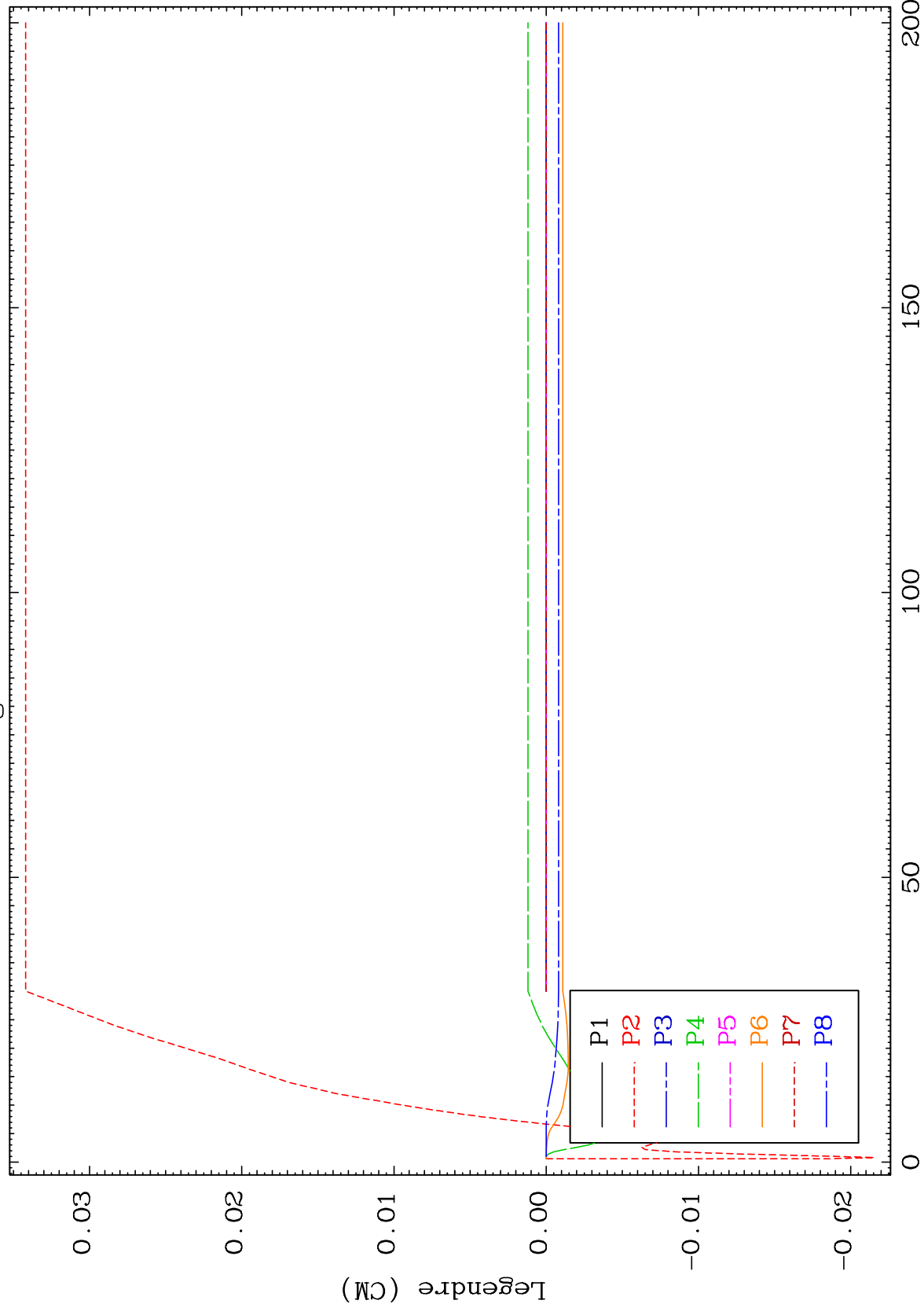




MAT 3898

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

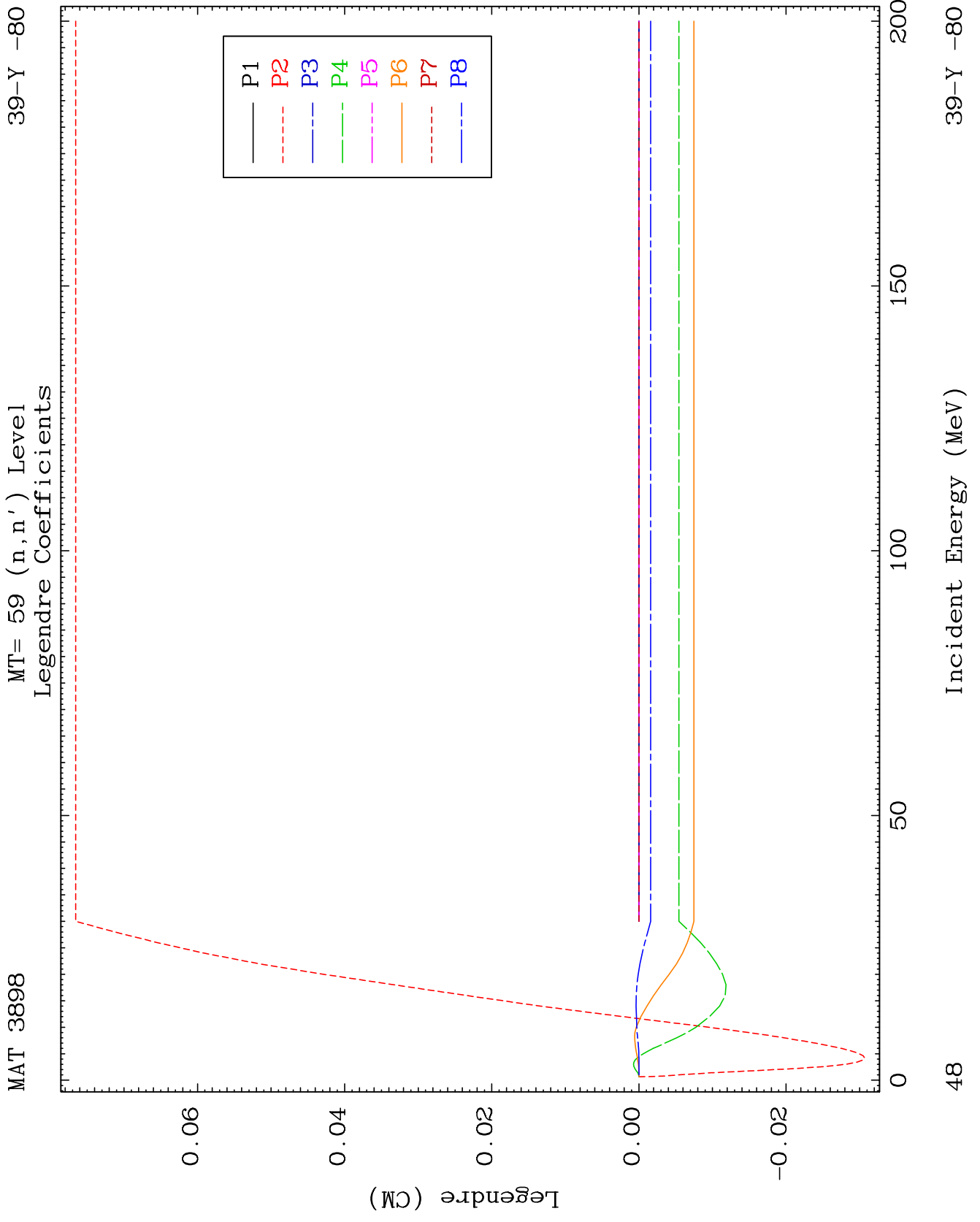
39-Y -80



Incident Energy (MeV)

39-Y -80

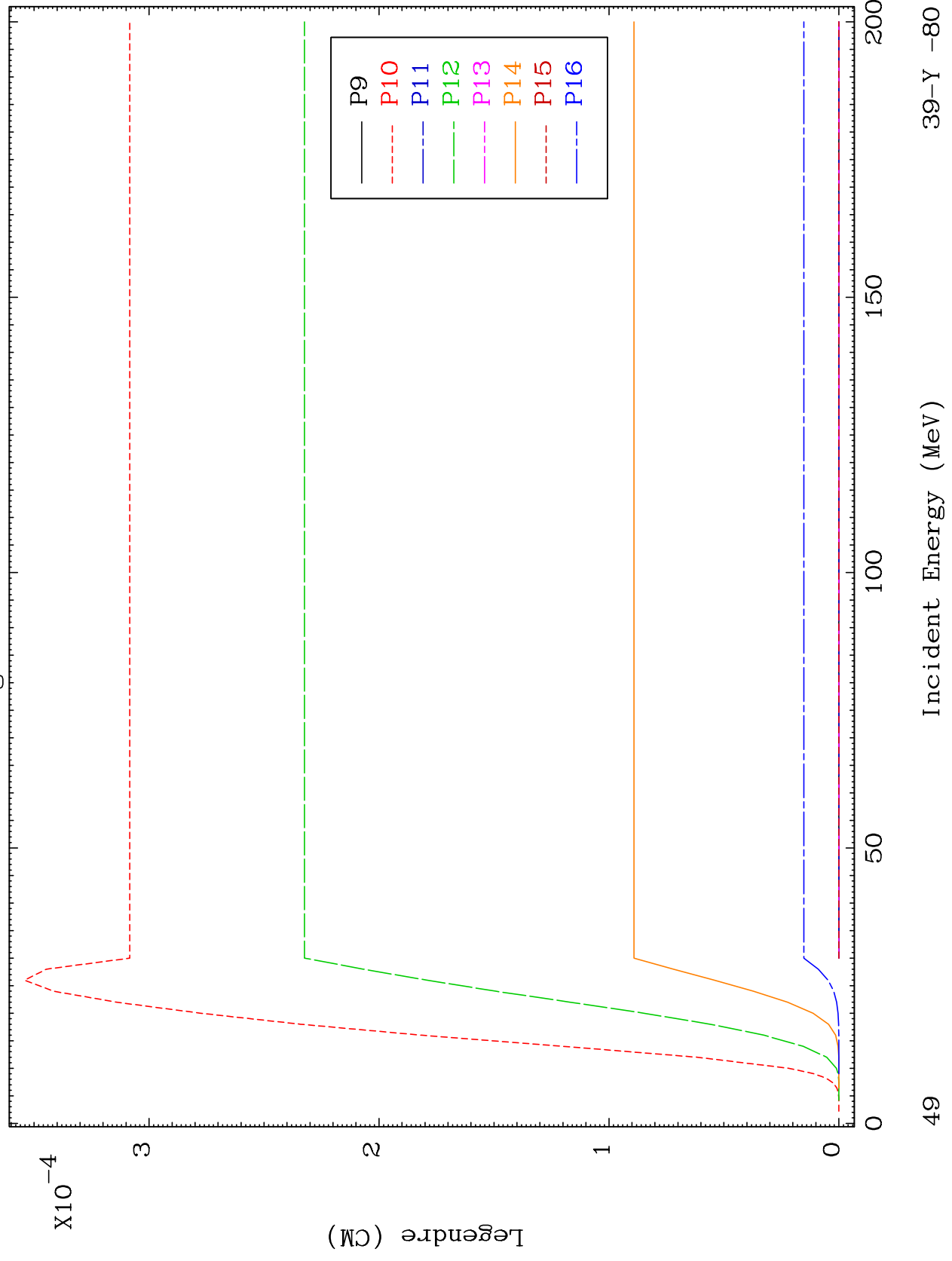
45



MAT 3898

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

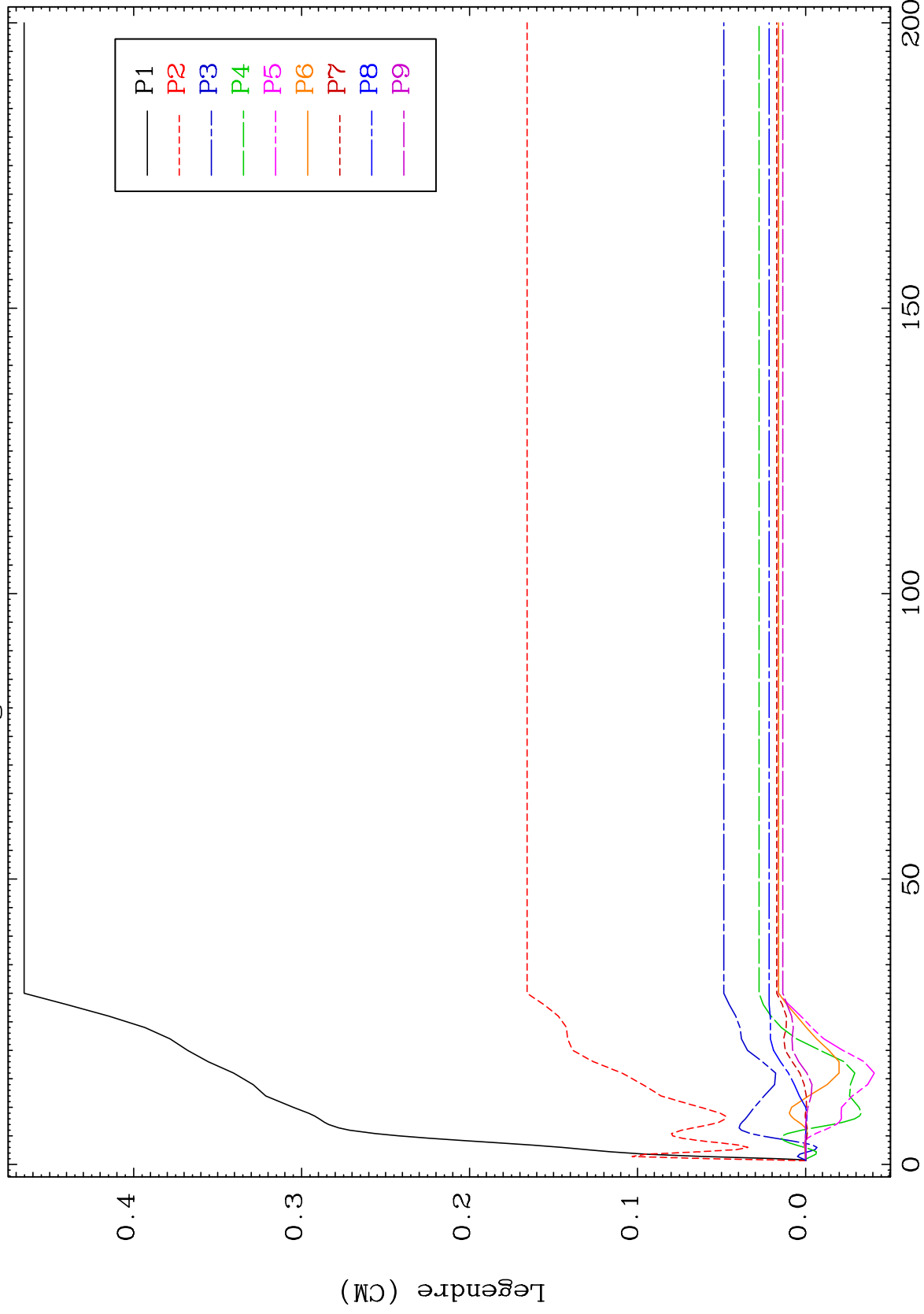
39-Y -80



MAT 3898

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

39-Y -80



51

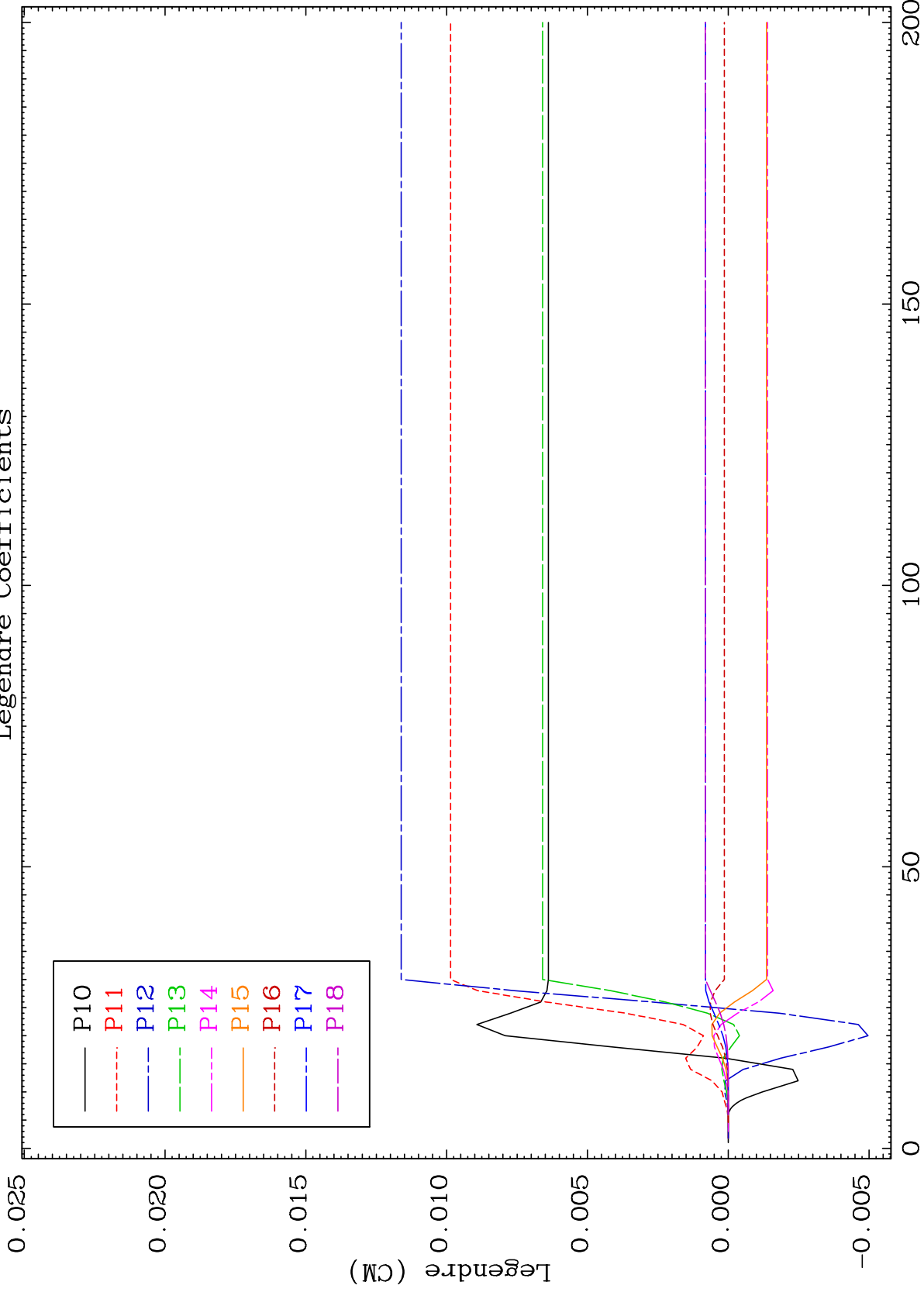
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80



52

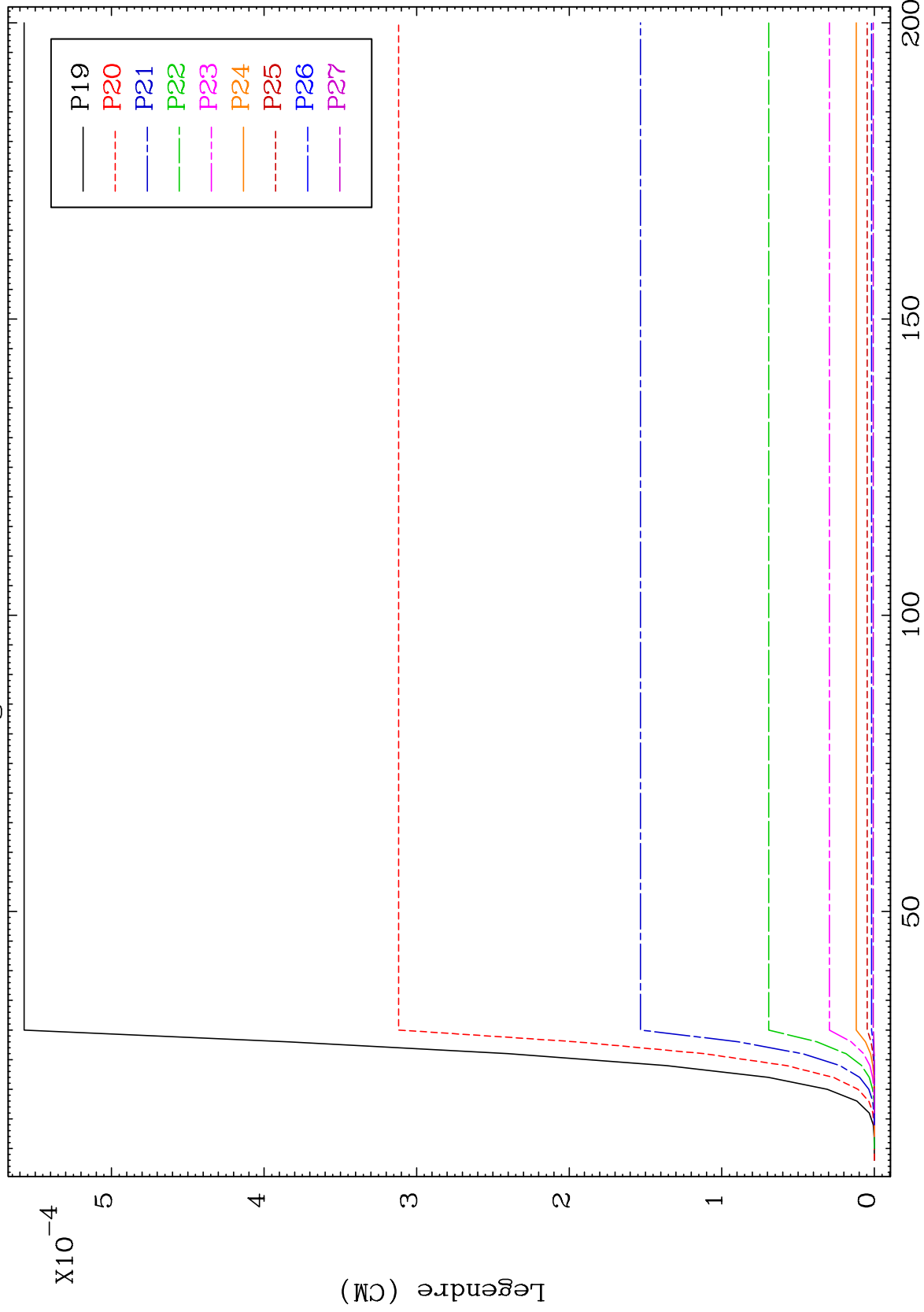
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80



53

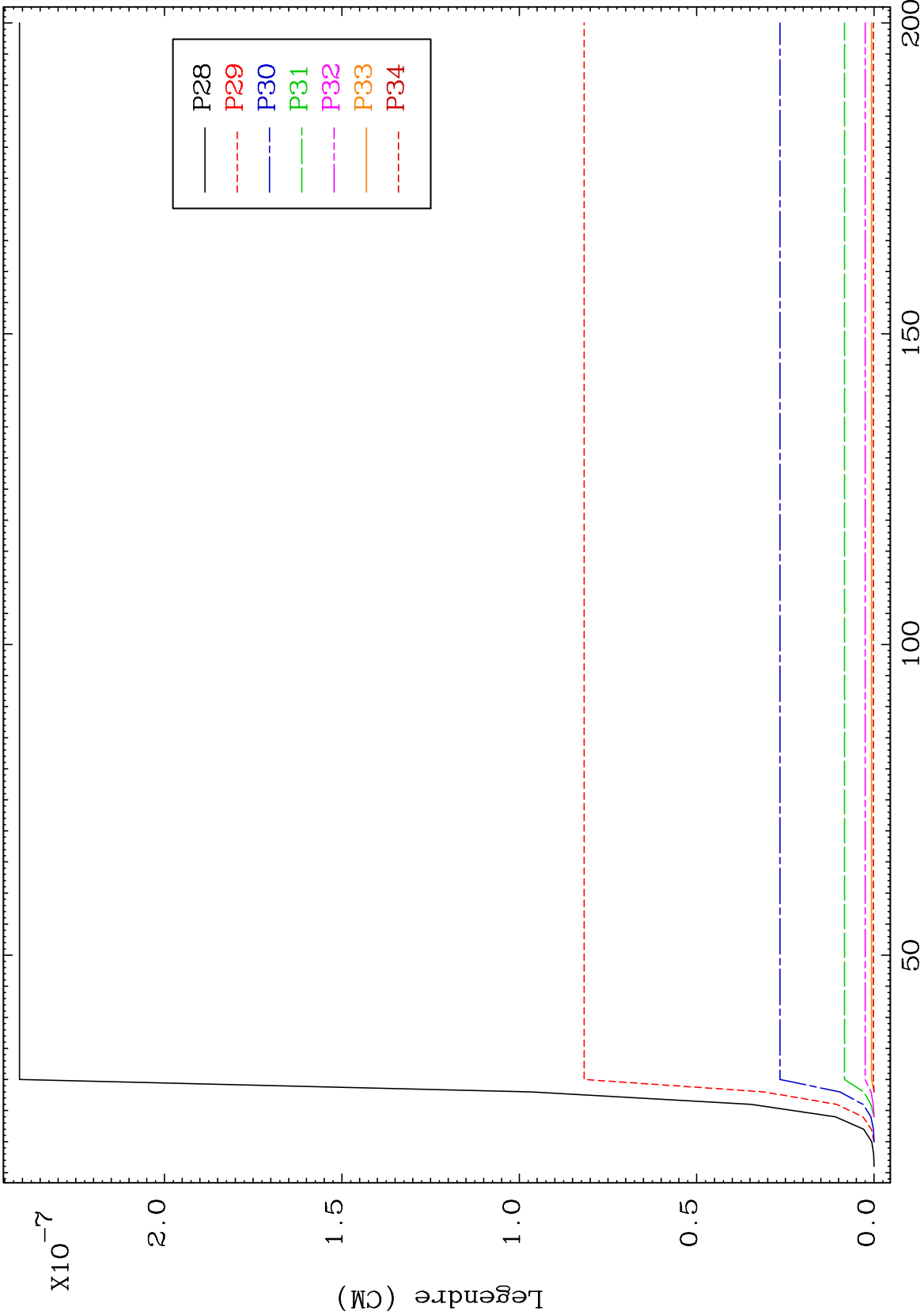
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80



54

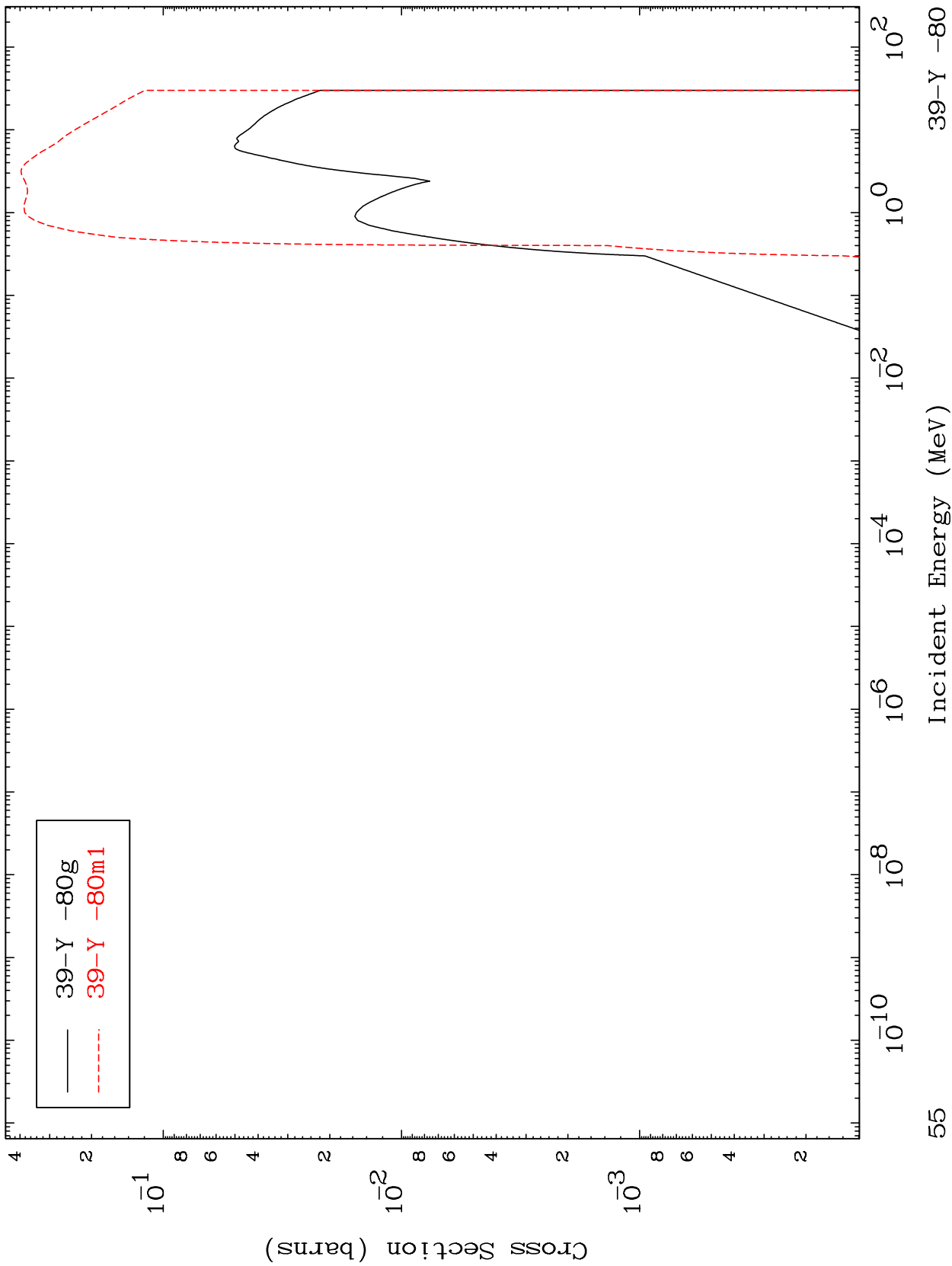
Incident Energy (MeV)

39-Y -80

MAT 3898

39-Y -80

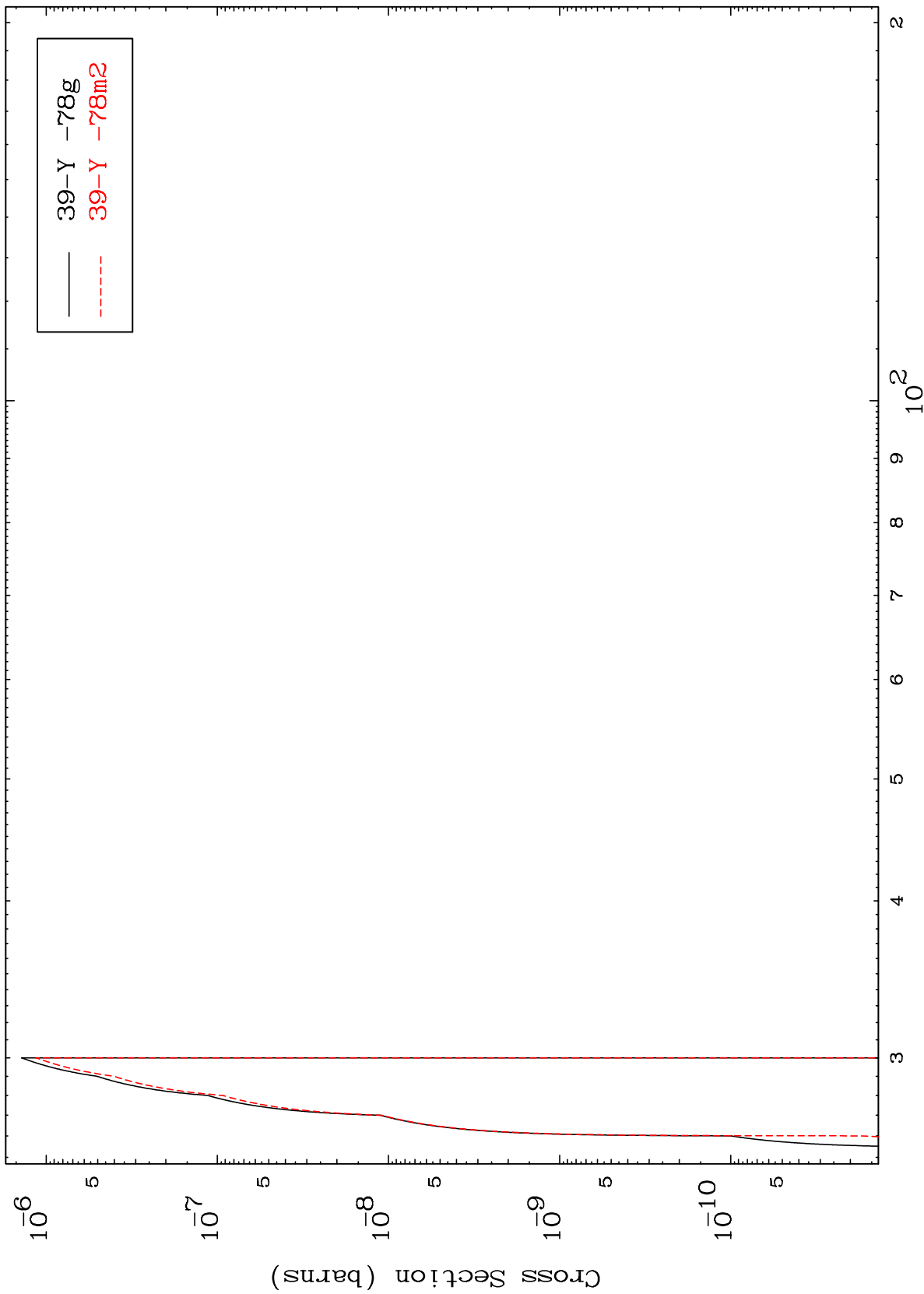
Inelastic
Radionuclide Production Cross Section



MAT 3898

39-Y -80

(n,3n)
Radionuclide Production Cross Section



56

39-Y -80

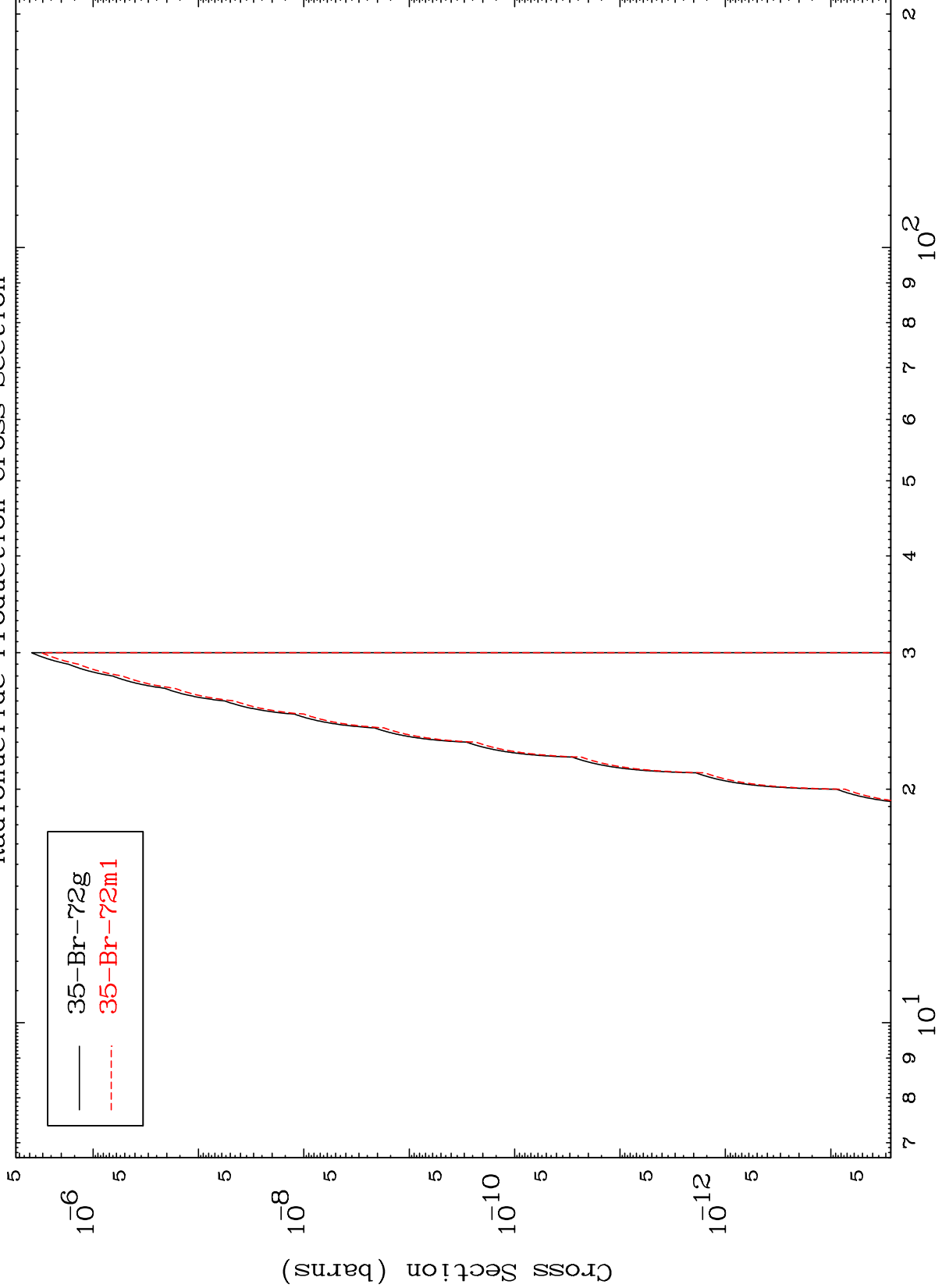
Incident Energy (MeV)

MAT 3898

(n,n') 2α

39-Y -80

Radionuclide Production Cross Section



— 35-Br-72g
- - - 35-Br-72m1

57

Incident Energy (MeV)

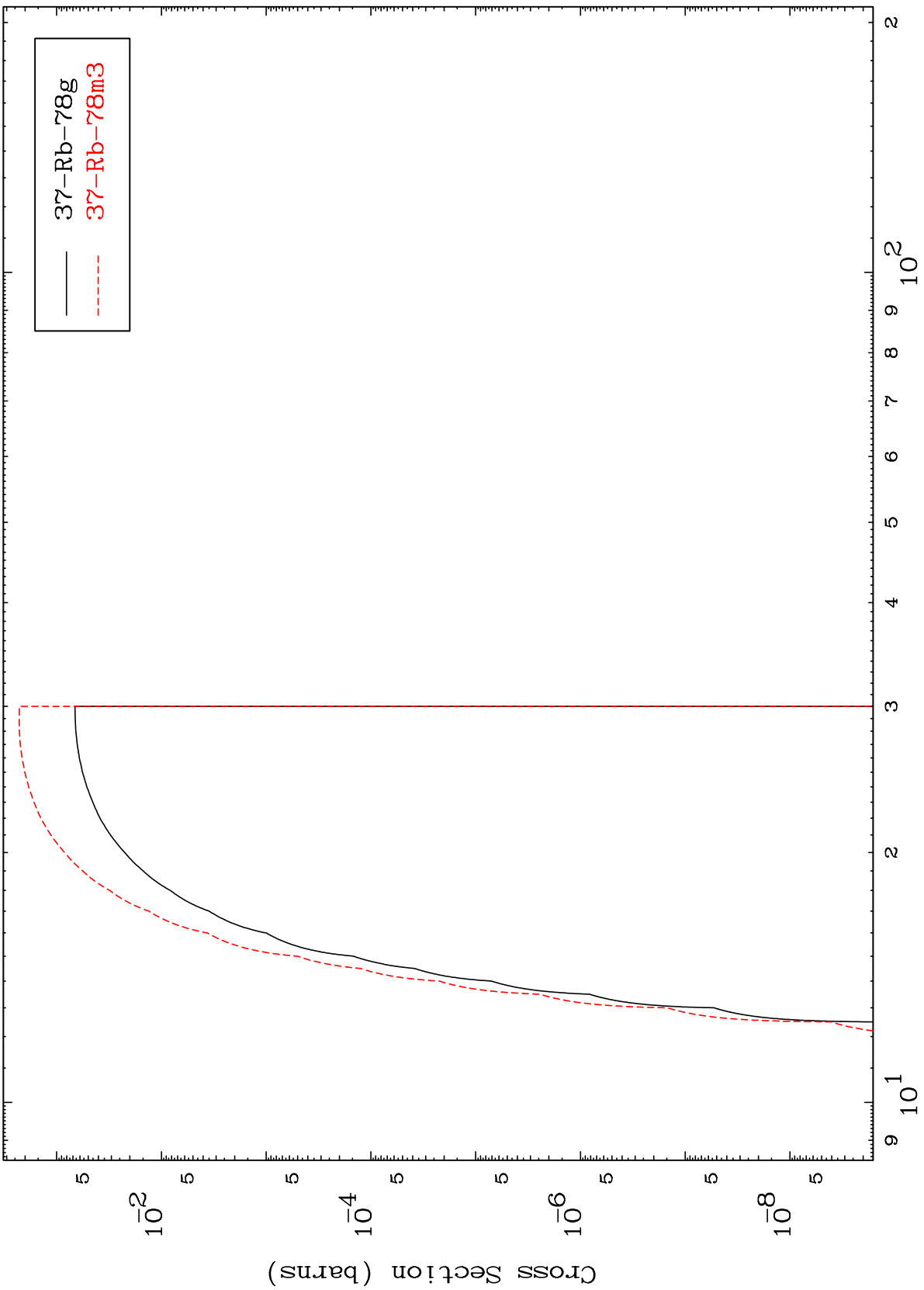
39-Y -80

MAT 3898

(n,2n) p

39-Y -80

Radionuclide Production Cross Section



58

Incident Energy (MeV)

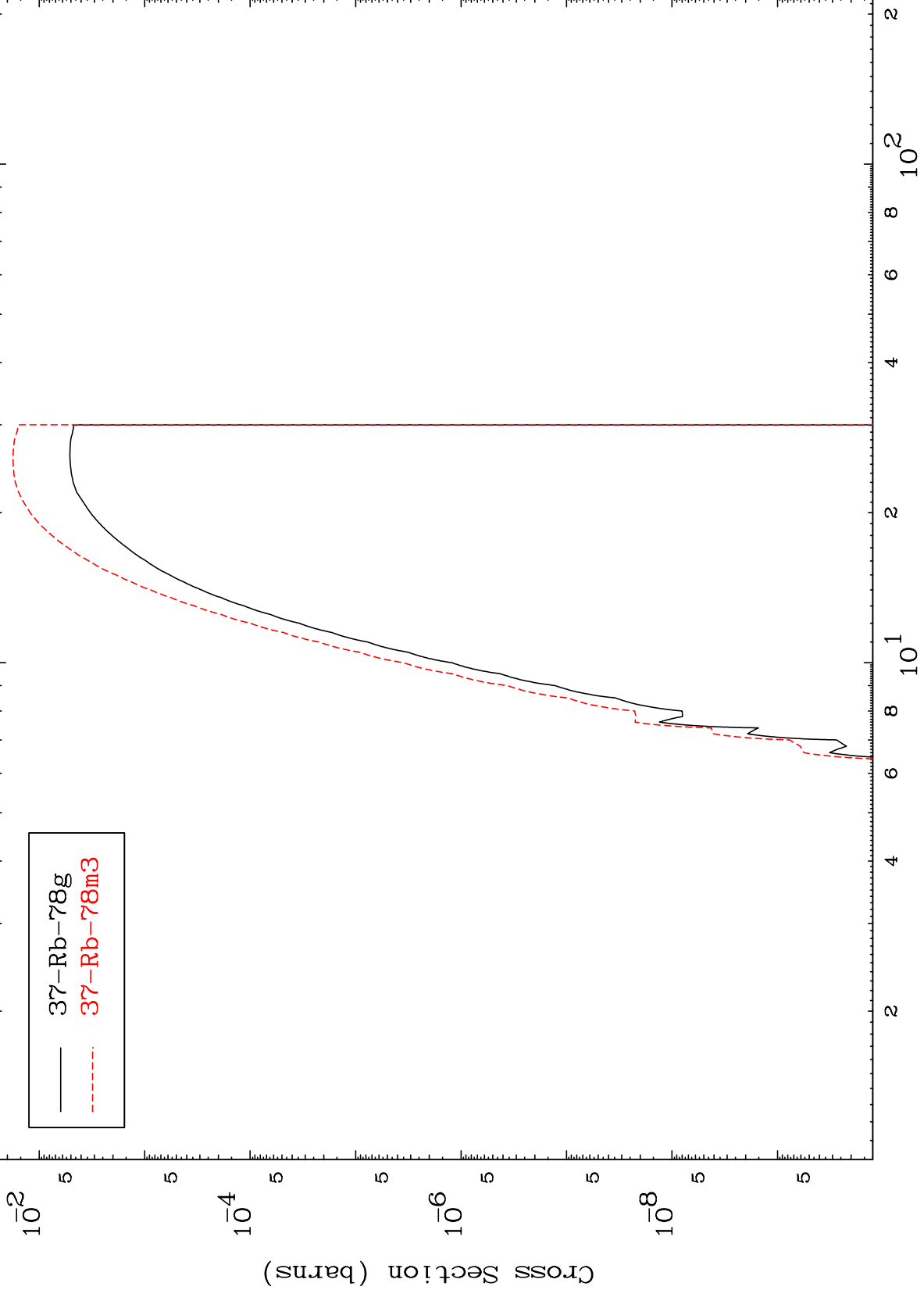
39-Y -80

MAT 3898

(n,He-3)

39-Y -80

Radionuclide Production Cross Section



59

Incident Energy (MeV)

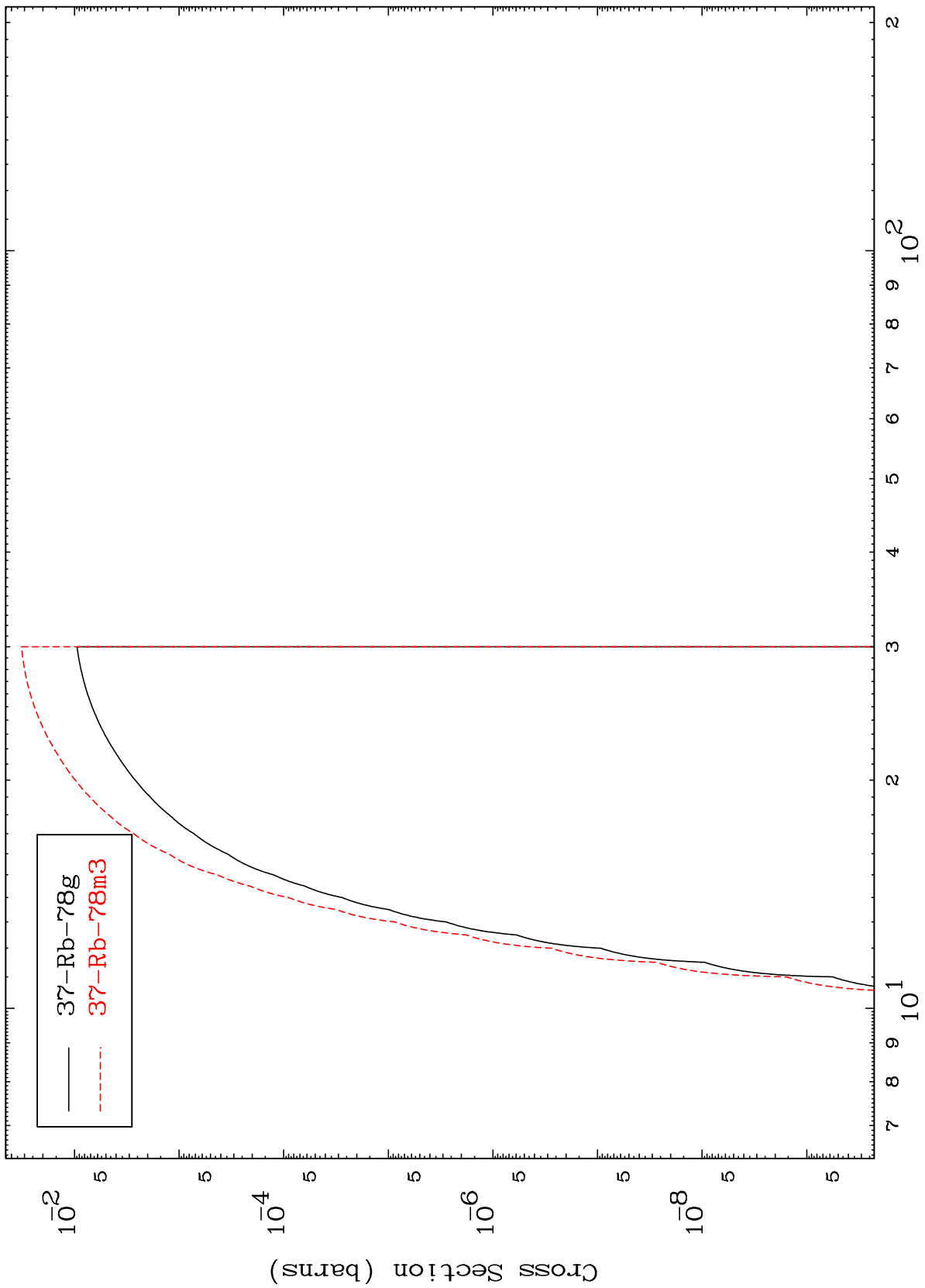
39-Y -80

MAT 3898

(n,p) d

39-Y -80

Radionuclide Production Cross Section



— 37-Rb-78g
- - - 37-Rb-78m3

60

Incident Energy (MeV)

39-Y -80