

Program EVALPLOT
(Version 2017-1)

by

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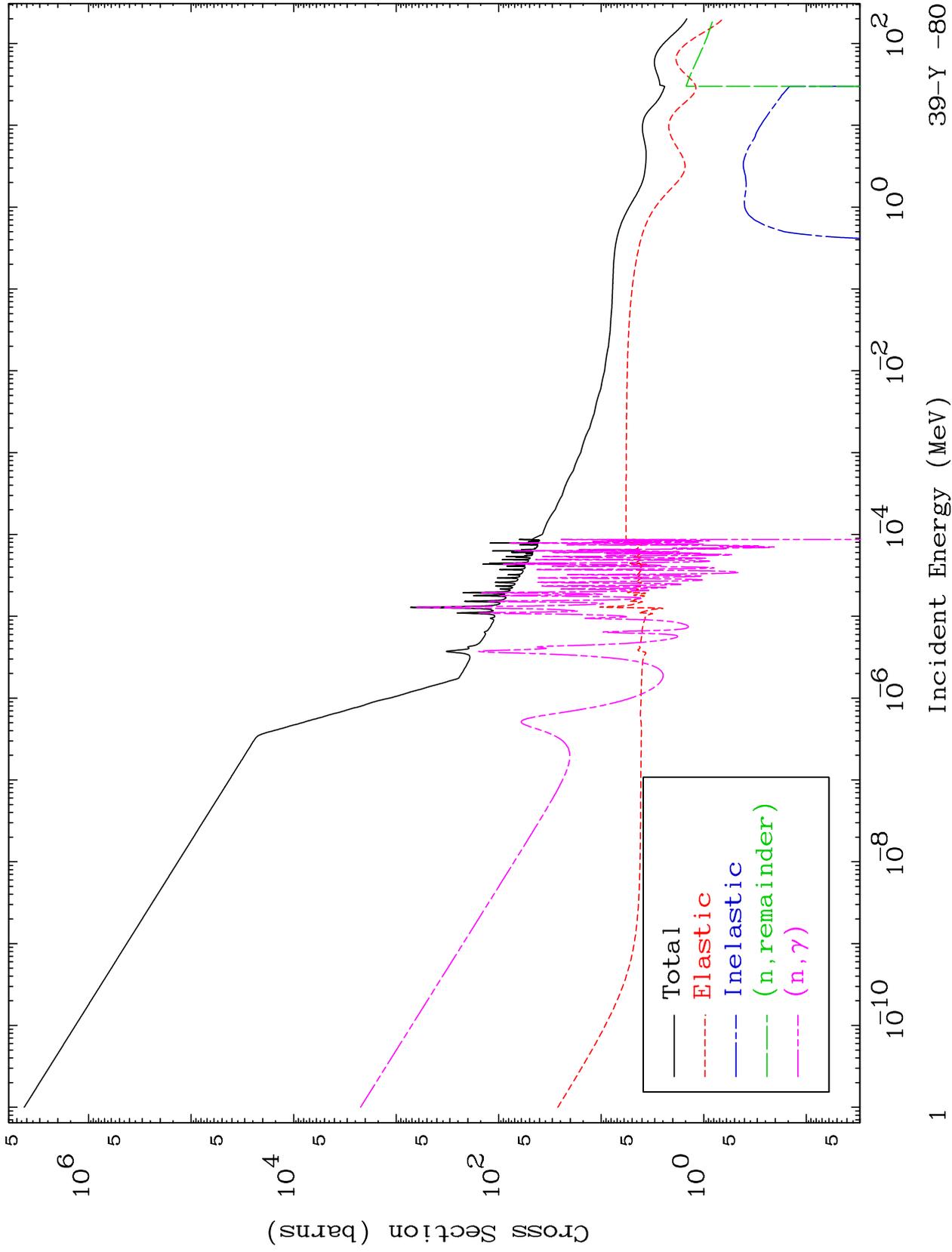
Press Mouse Button to Start

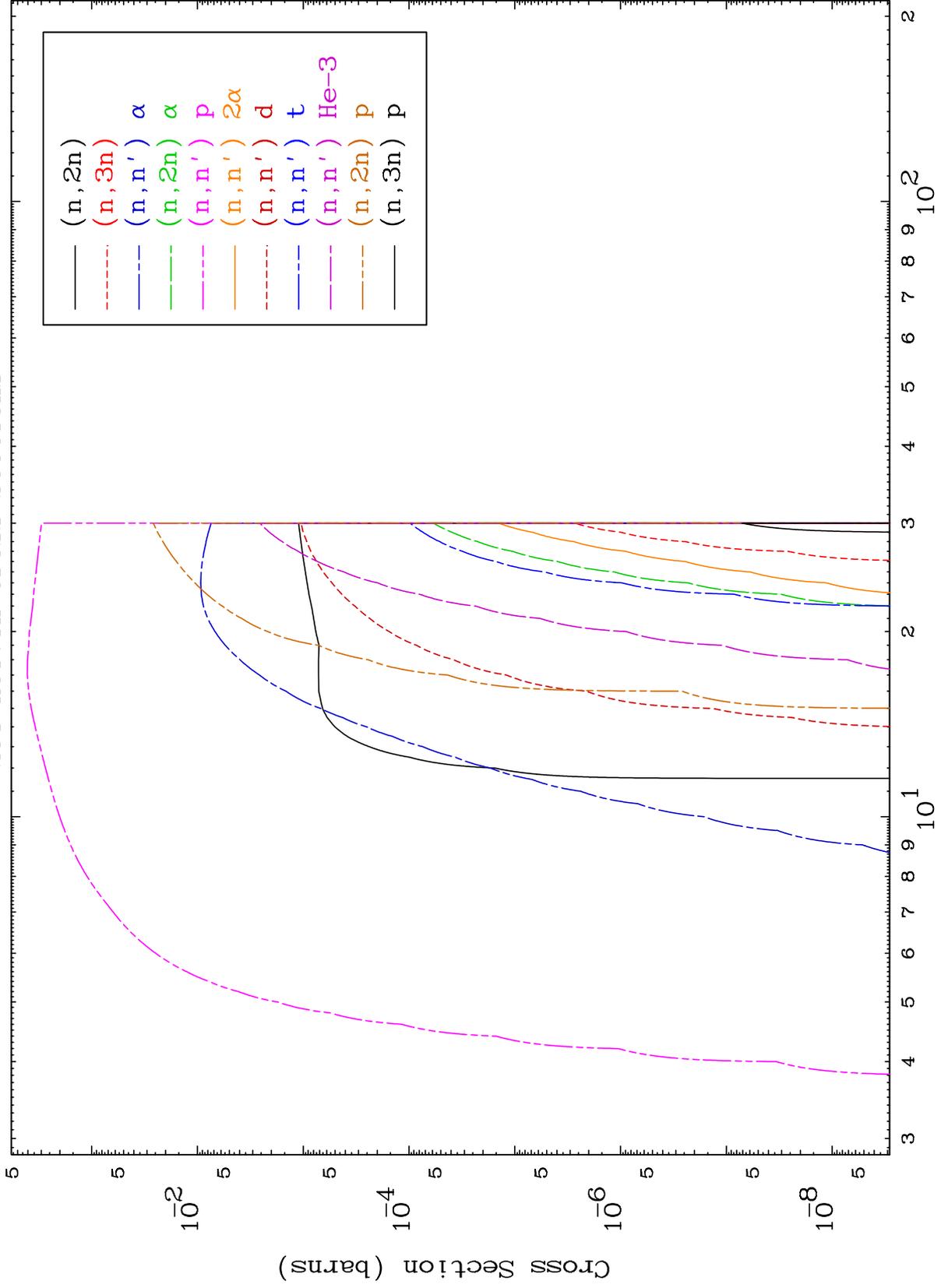
MAT 3898

Major

293 Kelvin Cross Sections

39-Y -80

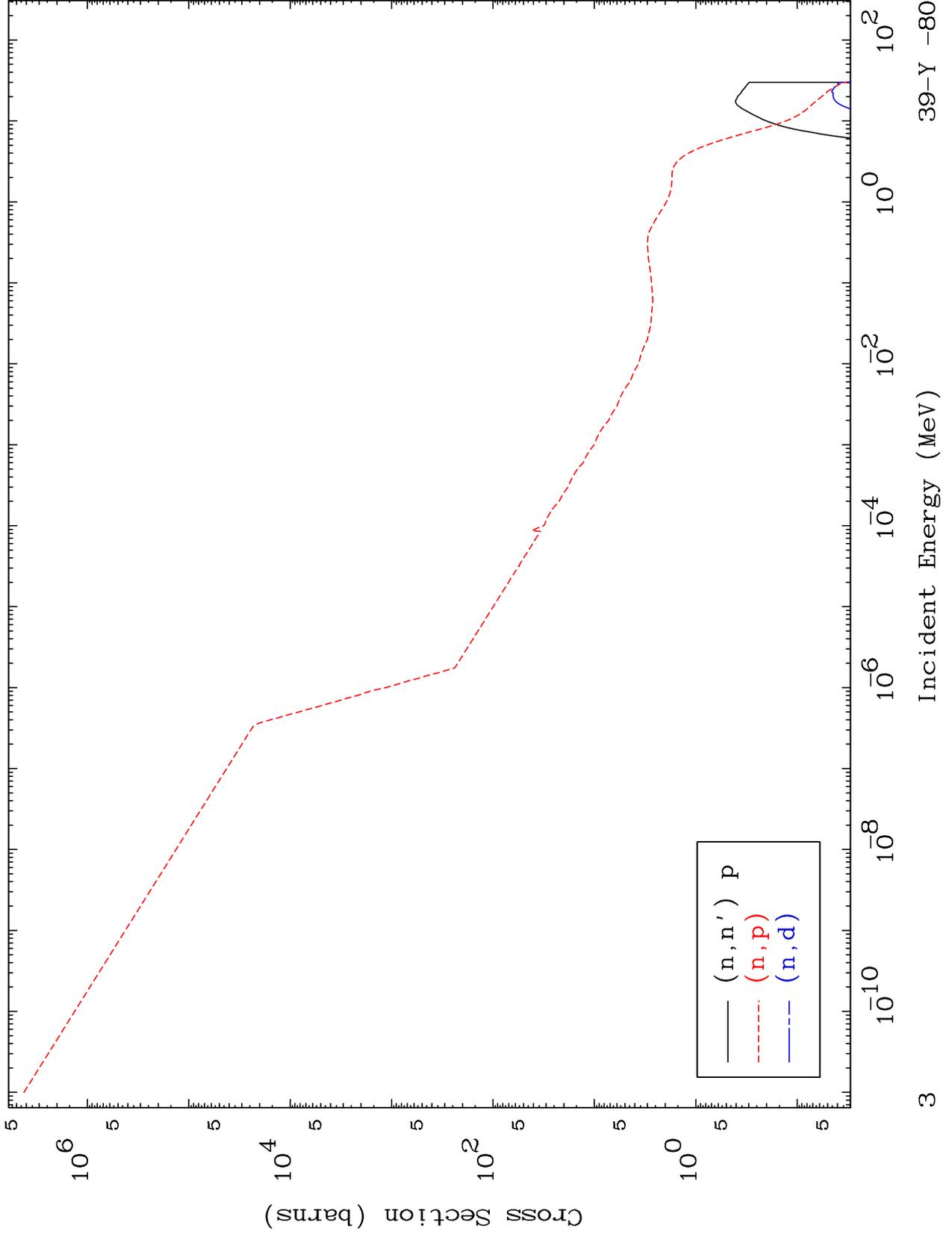




MAT 3898

Charged Particle
293 Kelvin Cross Sections

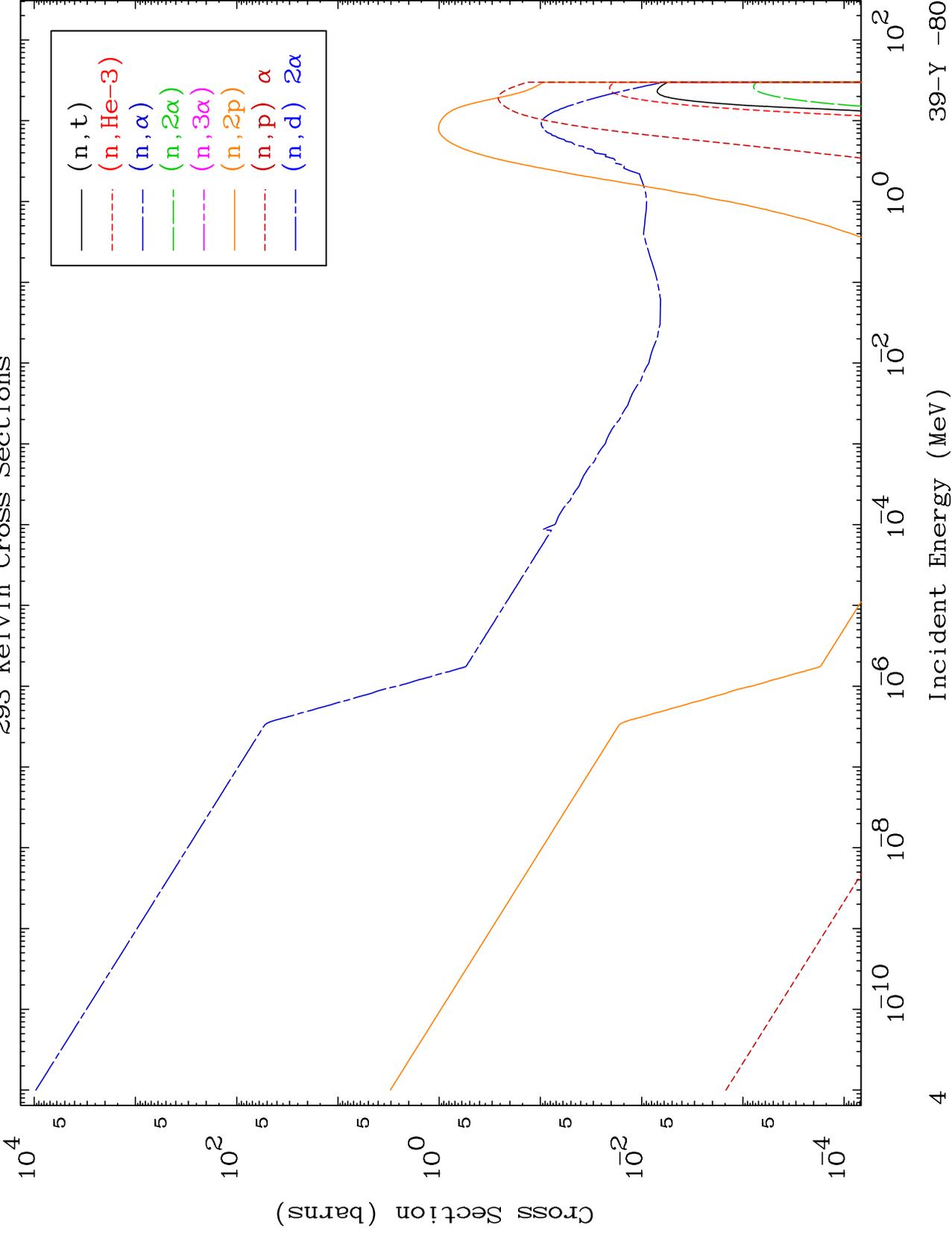
39-Y -80



MAT 3898

Charged Particle
293 Kelvin Cross Sections

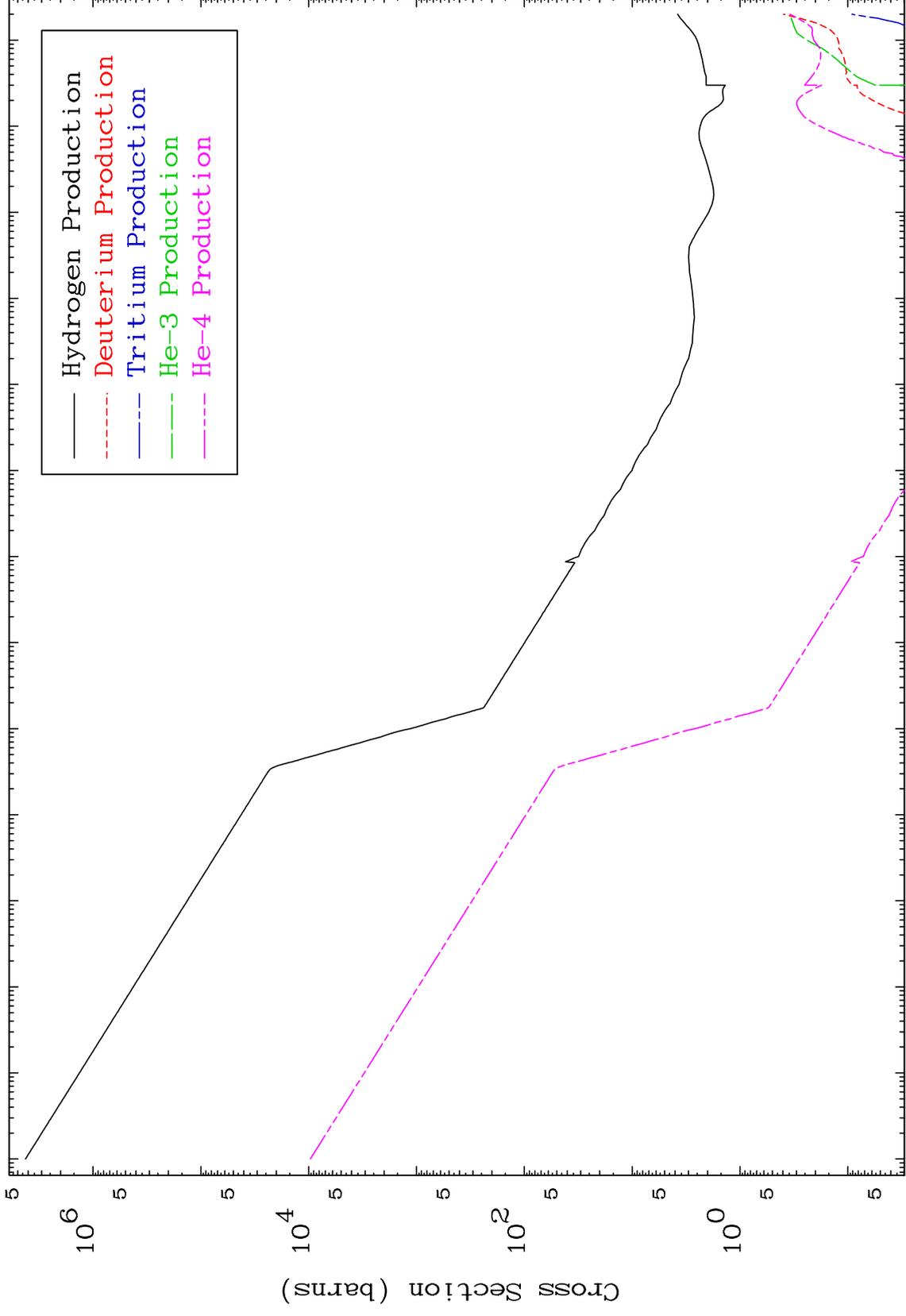
39-Y -80



MAT 3898

Particle Production
293 Kelvin Cross Sections

39-Y -80

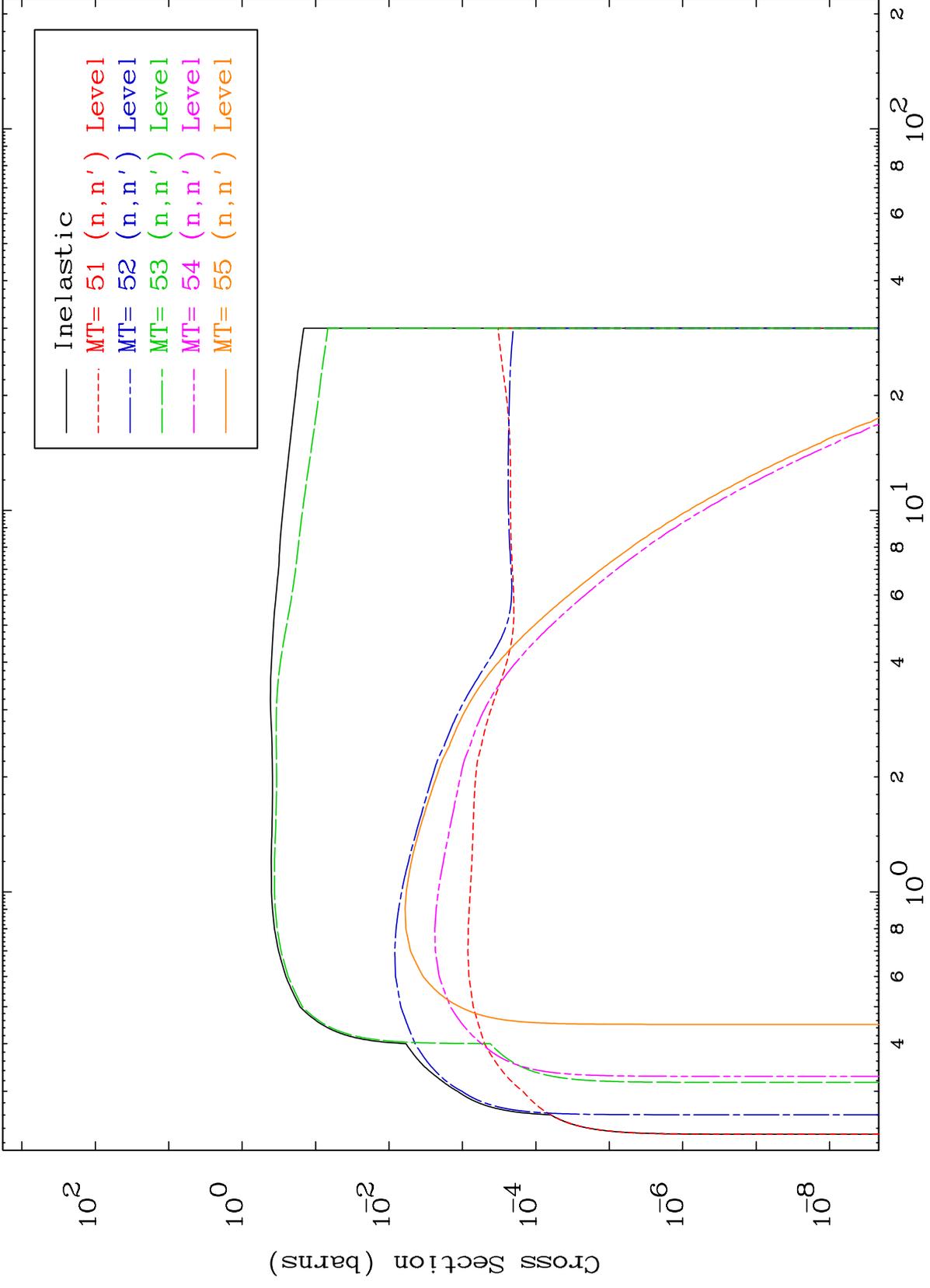


5

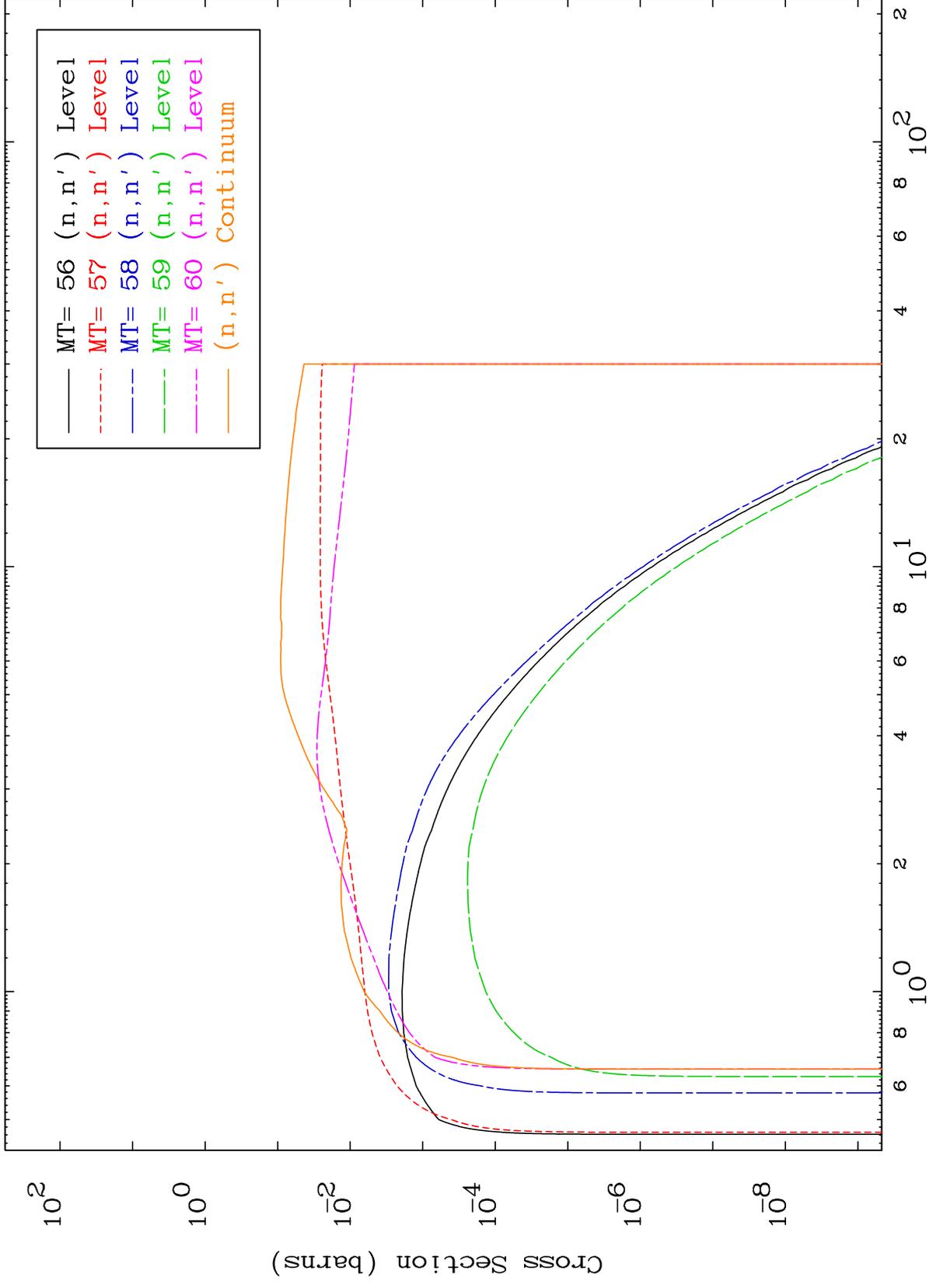
Incident Energy (MeV)

39-Y -80

293 Kelvin Cross Sections



293 Kelvin Cross Sections

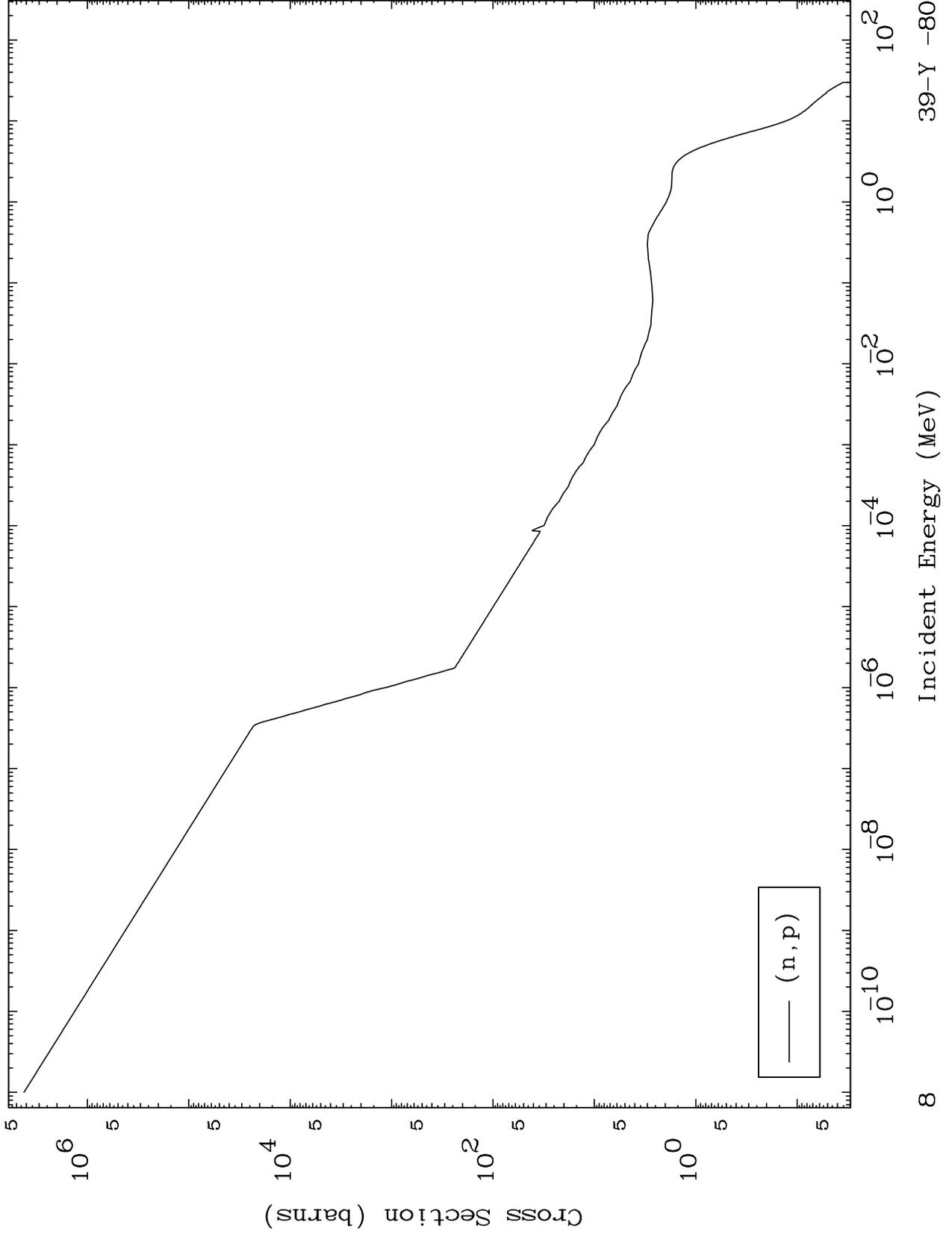


MT= 56 (n,n') Level
MT= 57 (n,n') Level
MT= 58 (n,n') Level
MT= 59 (n,n') Level
MT= 60 (n,n') Level
(n,n') Continuum

MAT 3898

(n,p) Levels
293 Kelvin Cross Sections

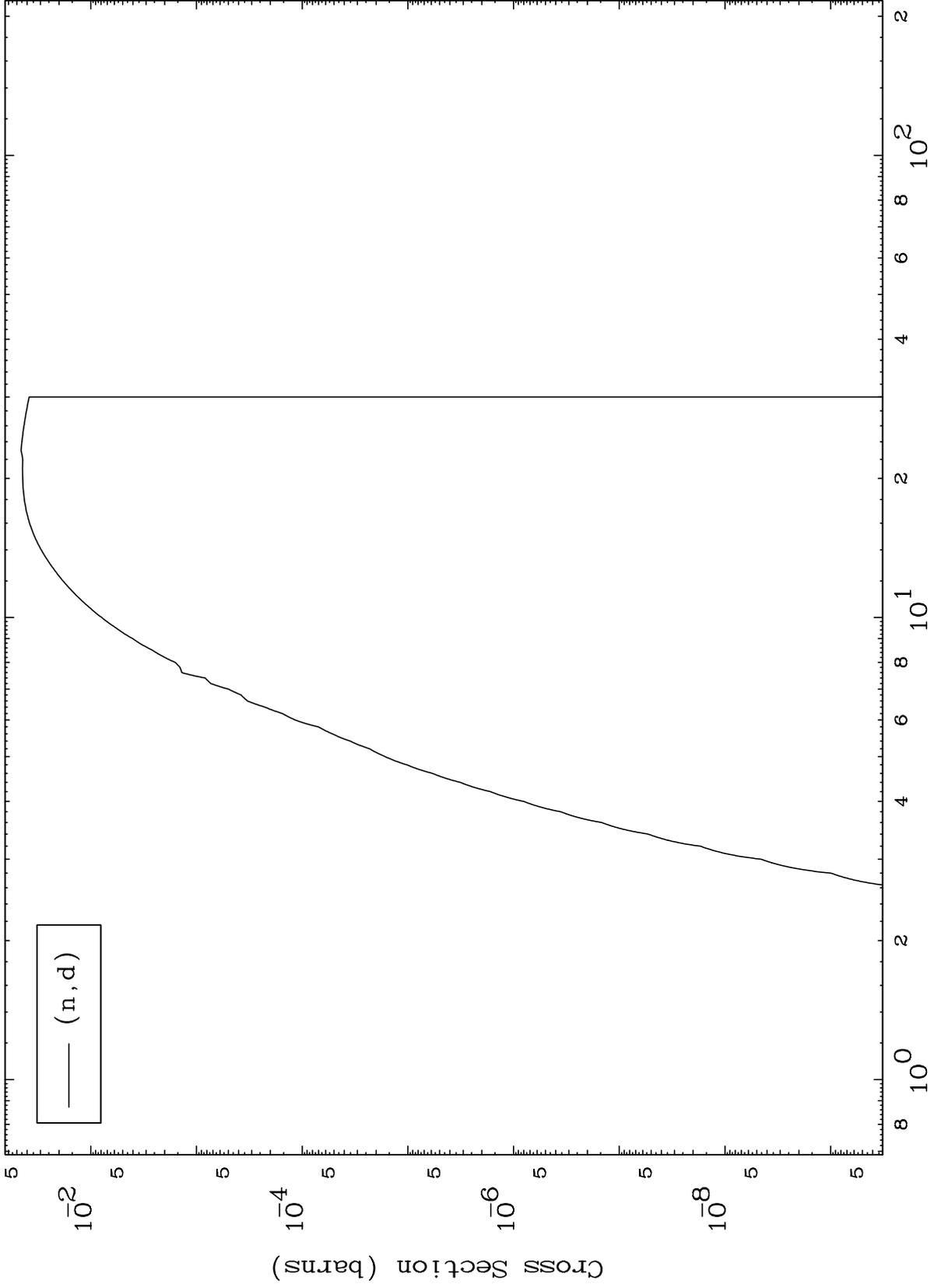
39-Y -80



MAT 3898

(n,d) Levels
293 Kelvin Cross Sections

39-Y -80



9

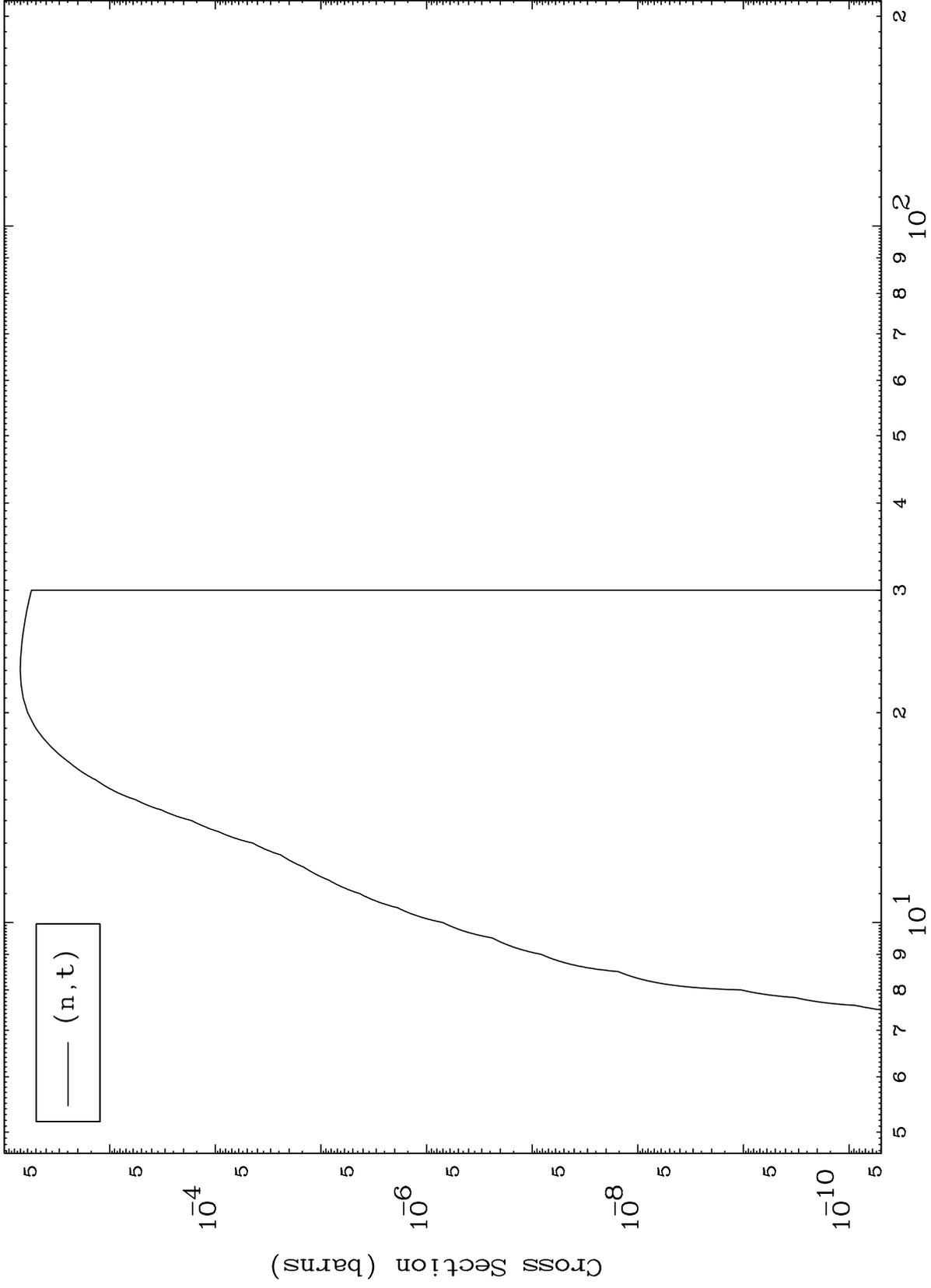
Incident Energy (MeV)

39-Y -80

MAT 3898

(n,t) Levels
293 Kelvin Cross Sections

39-Y -80



(n,t)

Incident Energy (MeV)

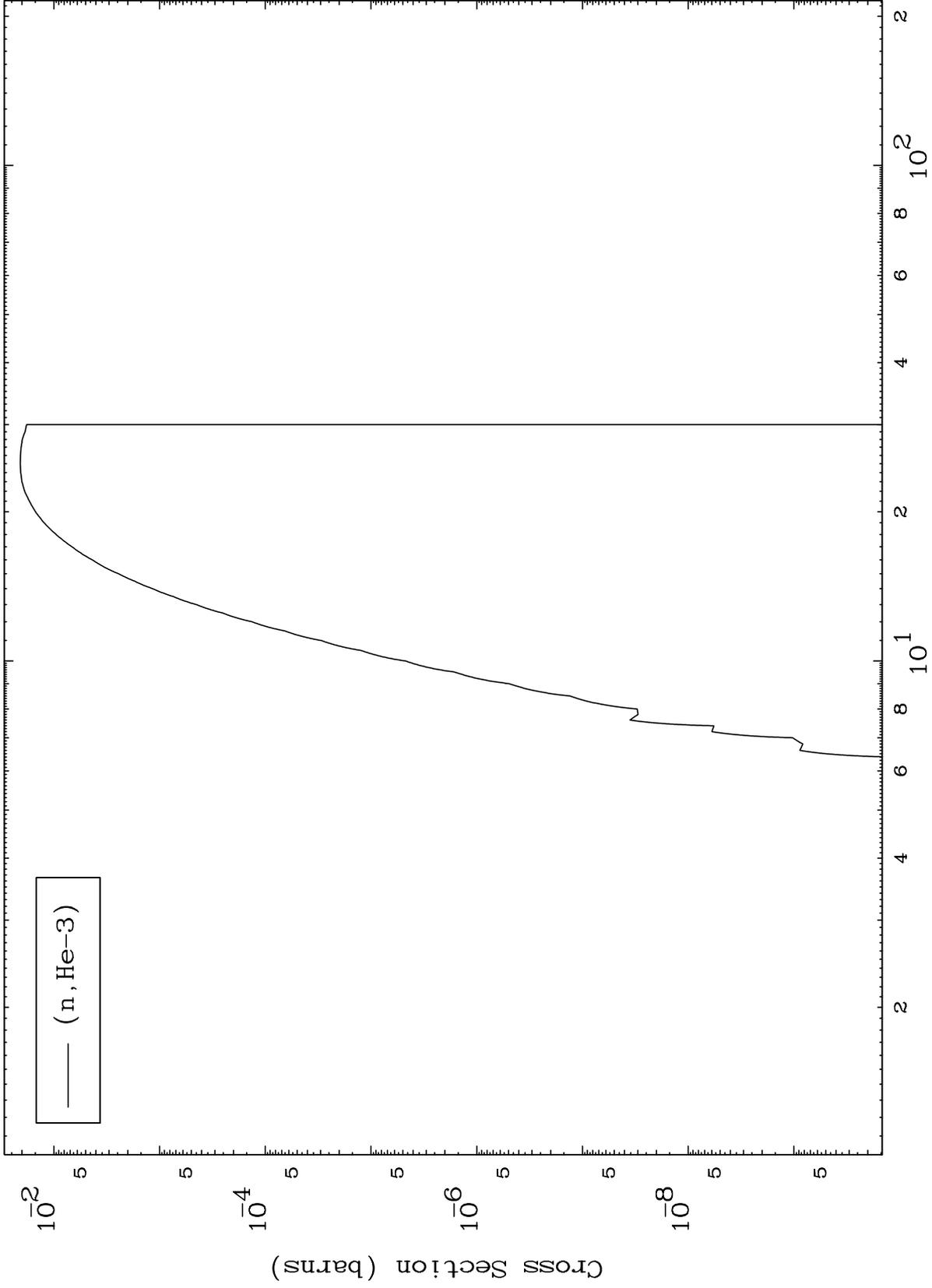
39-Y -80

10

MAT 3898

(n,He3) Levels
293 Kelvin Cross Sections

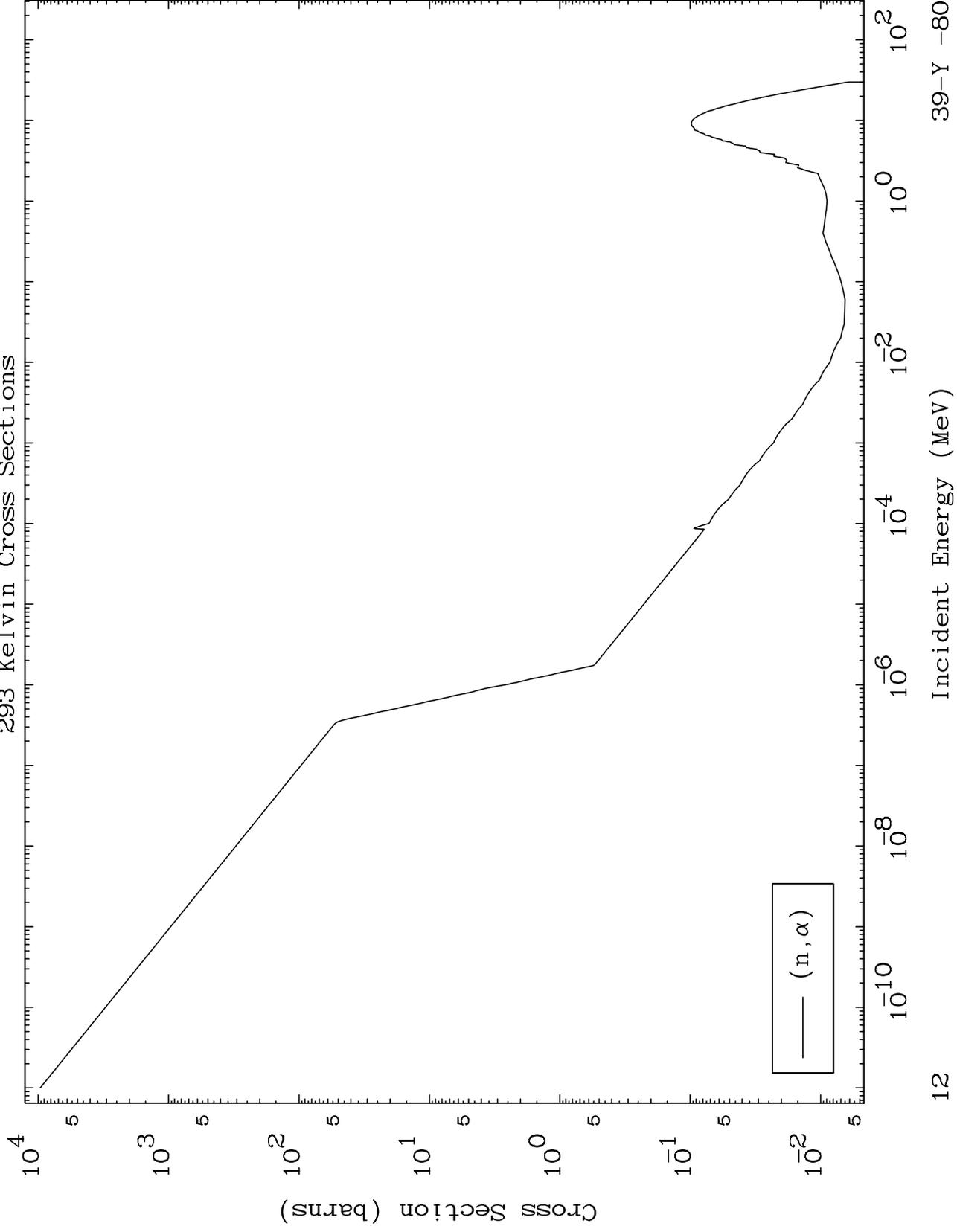
39-Y -80

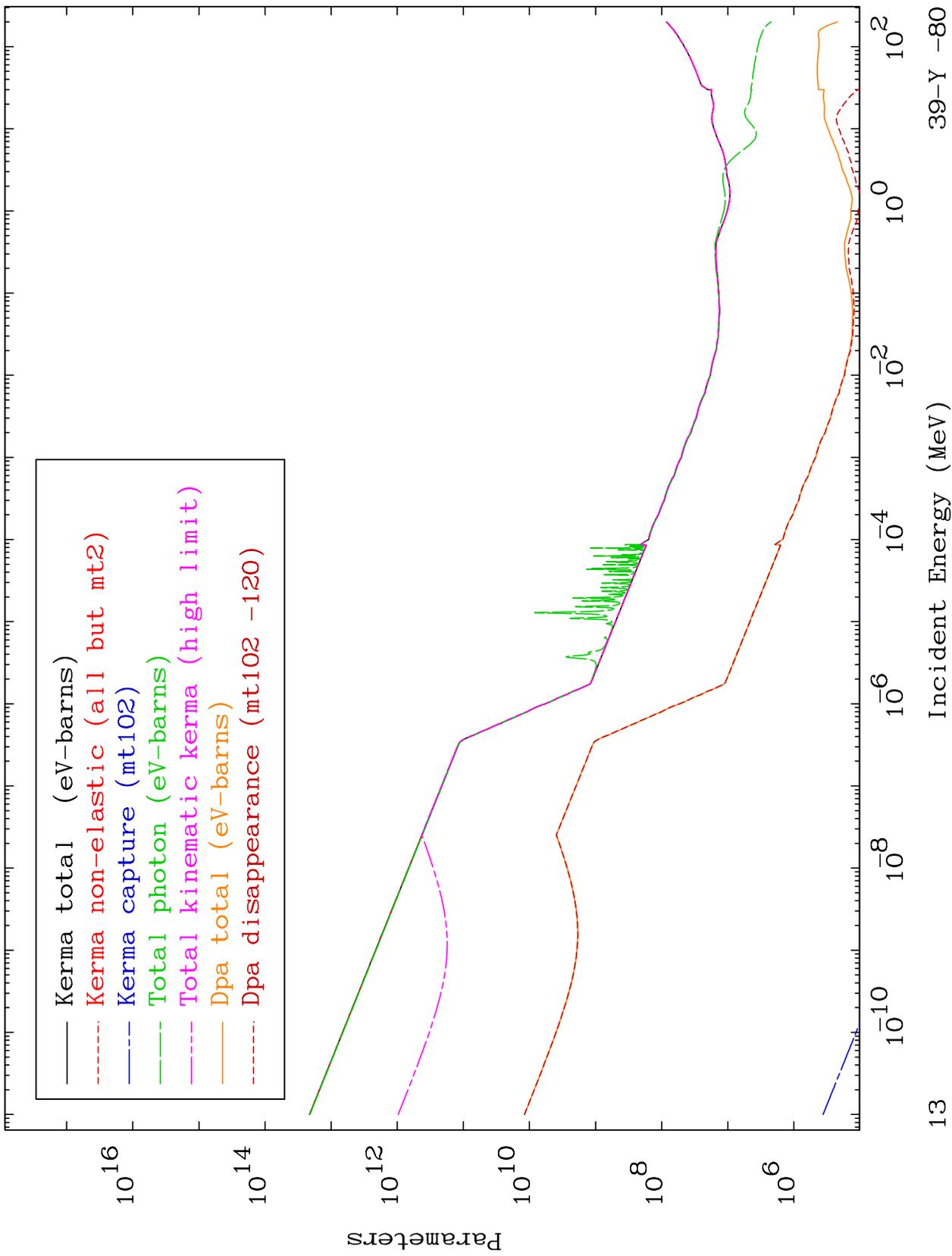


MAT 3898

(n,α) Levels
293 Kelvin Cross Sections

39-Y -80

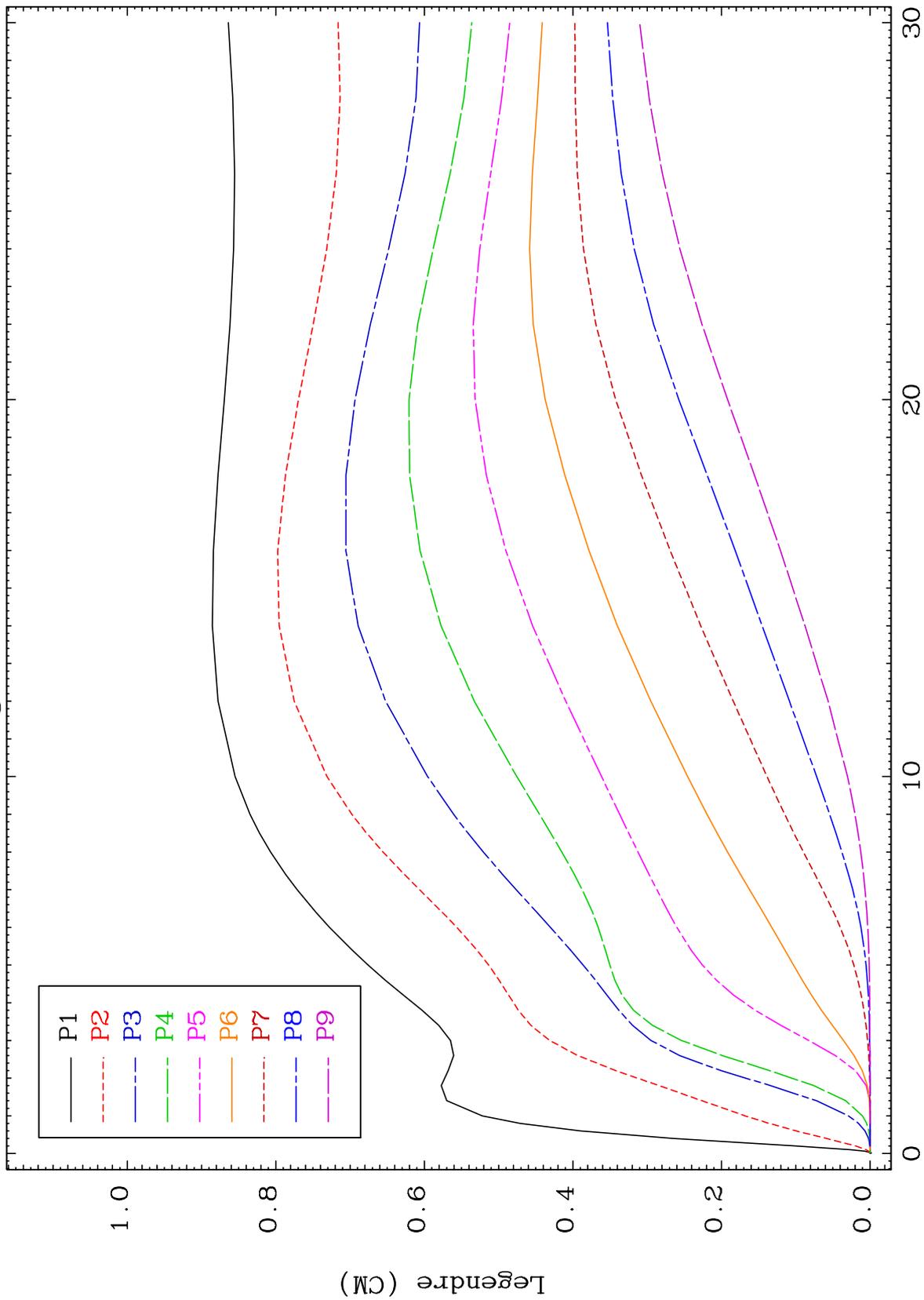




MAT 3898

Elastic Legendre Coefficients

39-Y -80



14

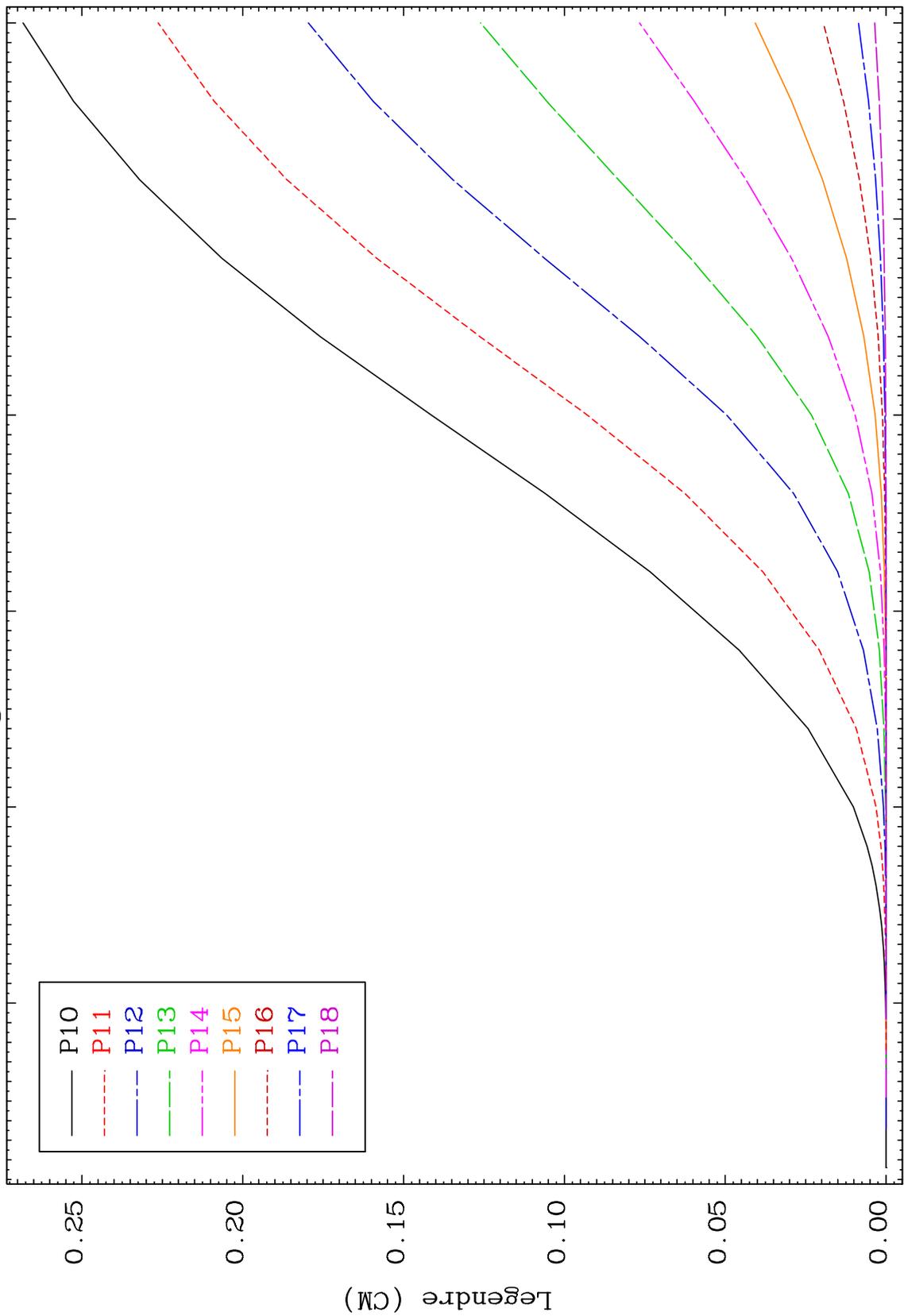
Incident Energy (MeV)

39-Y -80

MAT 3898

Elastic Legendre Coefficients

39-Y -80



15

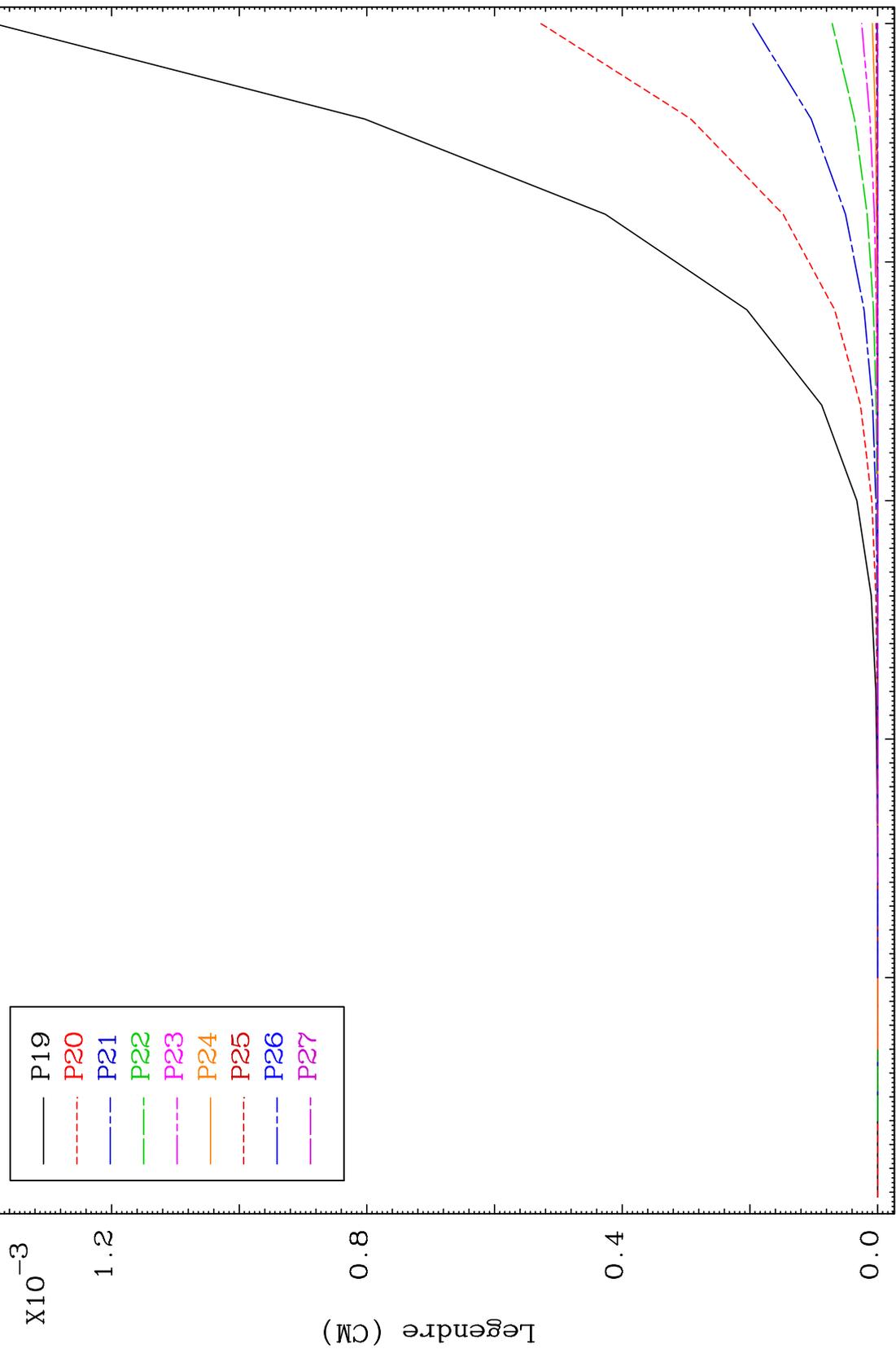
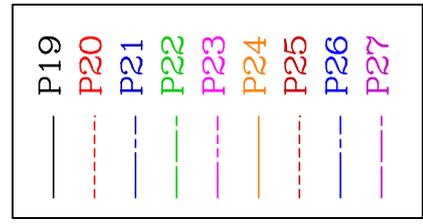
Incident Energy (MeV)

39-Y -80

MAT 3898

Elastic Legendre Coefficients

39-Y -80



16

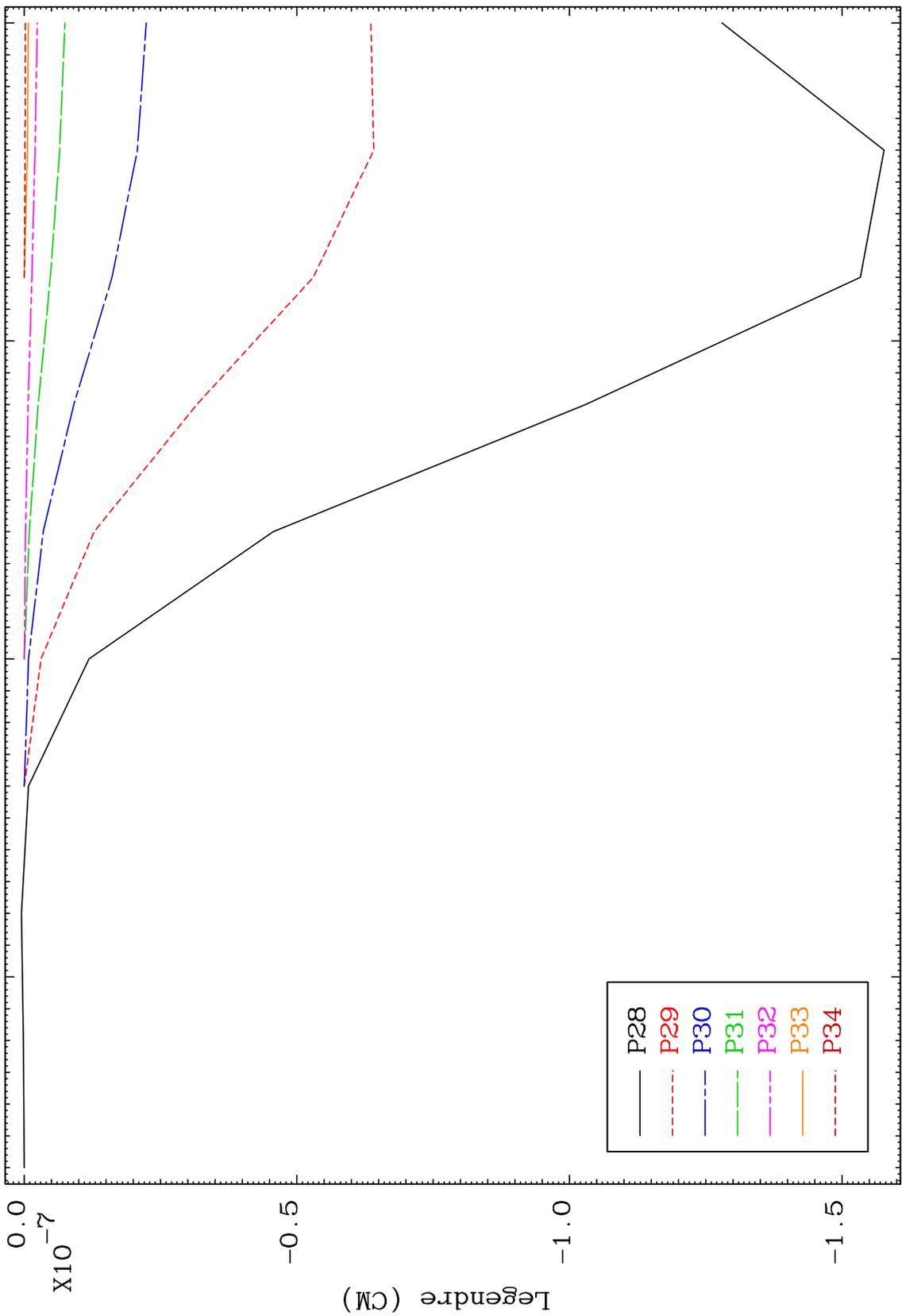
Incident Energy (MeV)

39-Y -80

MAT 3898

39-Y -80

Elastic Legendre Coefficients

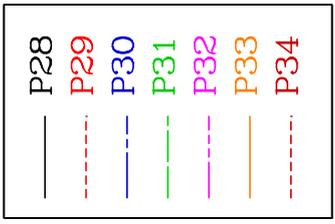


Legendre (CM)
X10⁻⁷

17

Incident Energy (MeV)

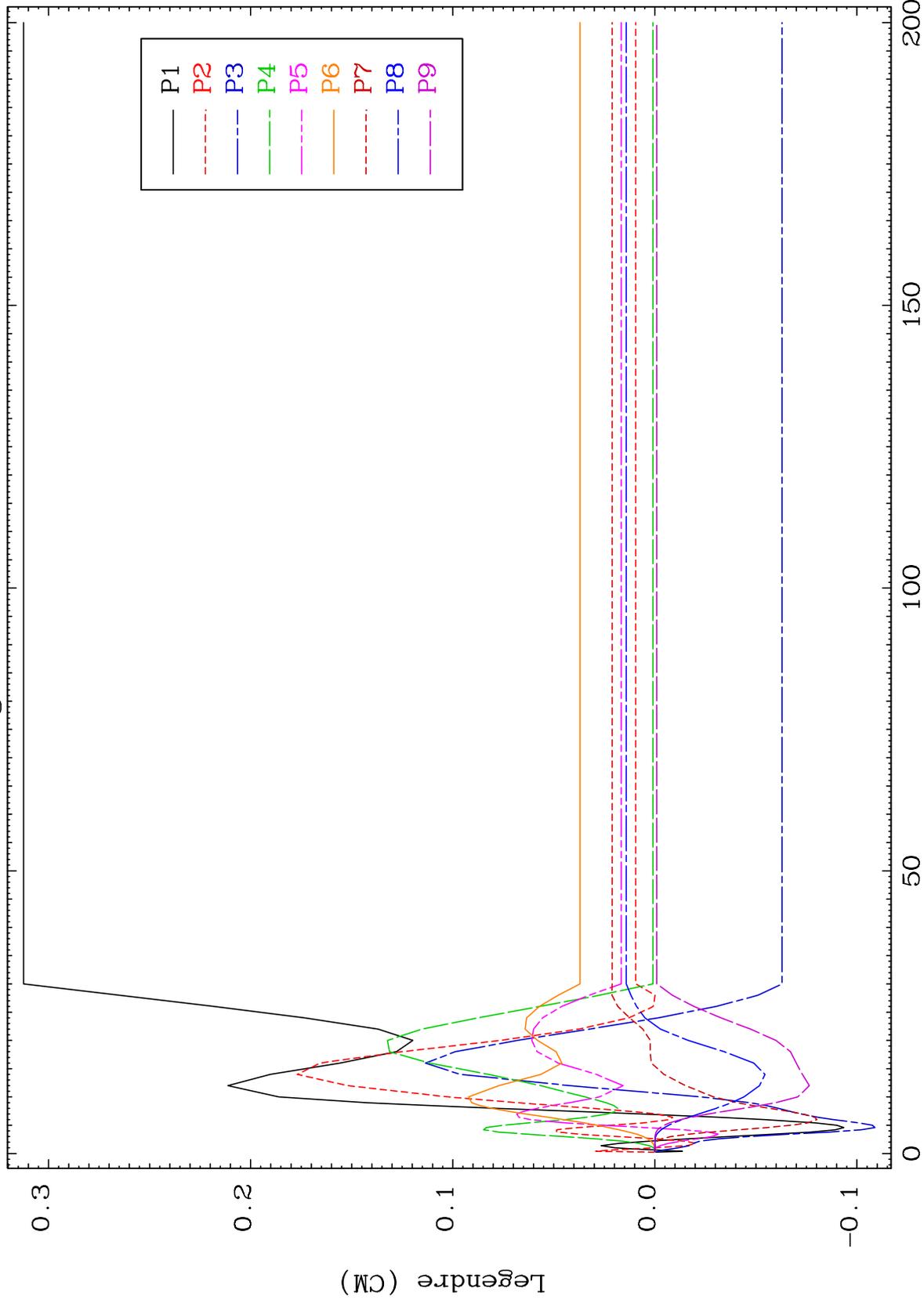
39-Y -80



MAT 3898

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

39-Y -80



18

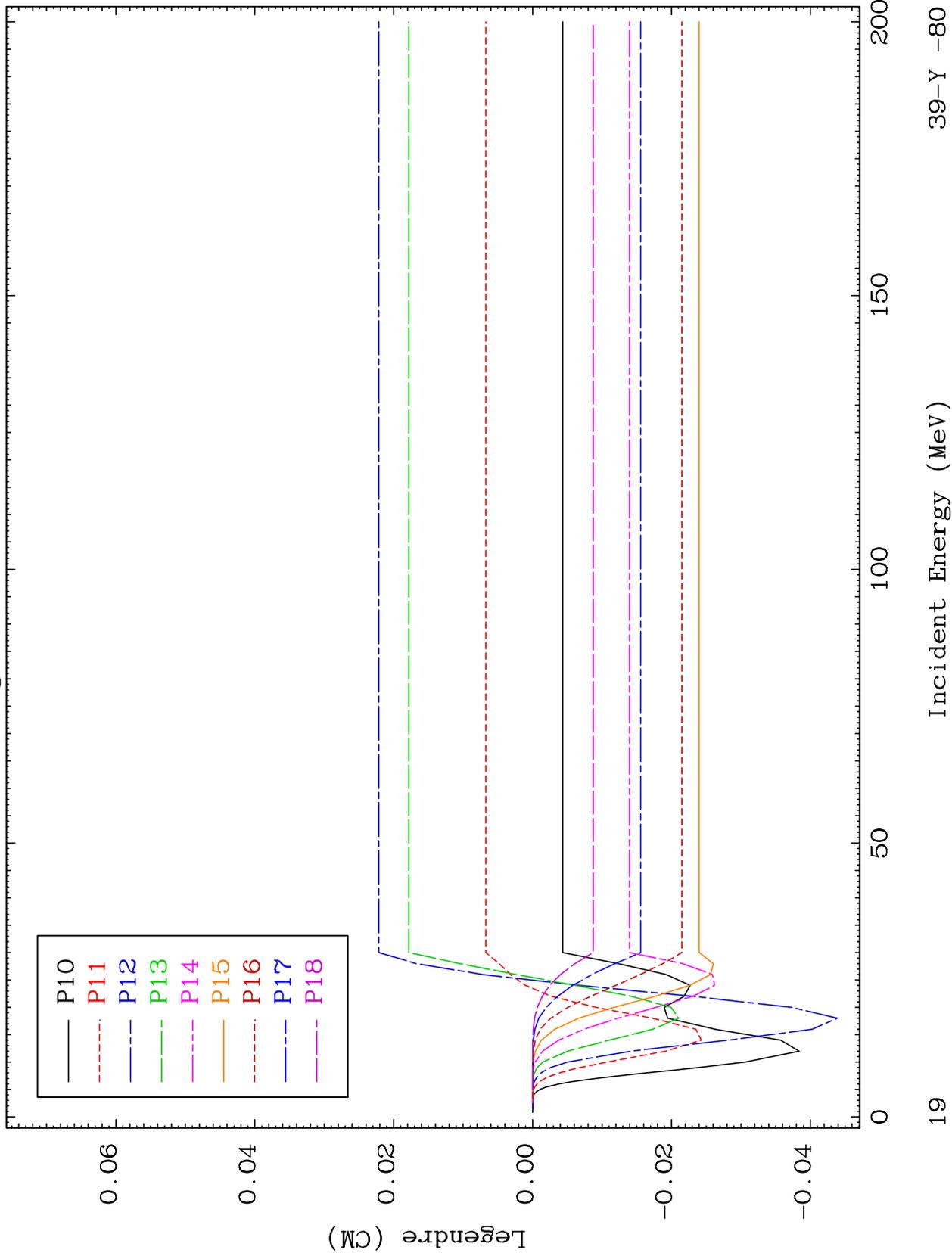
Incident Energy (MeV)

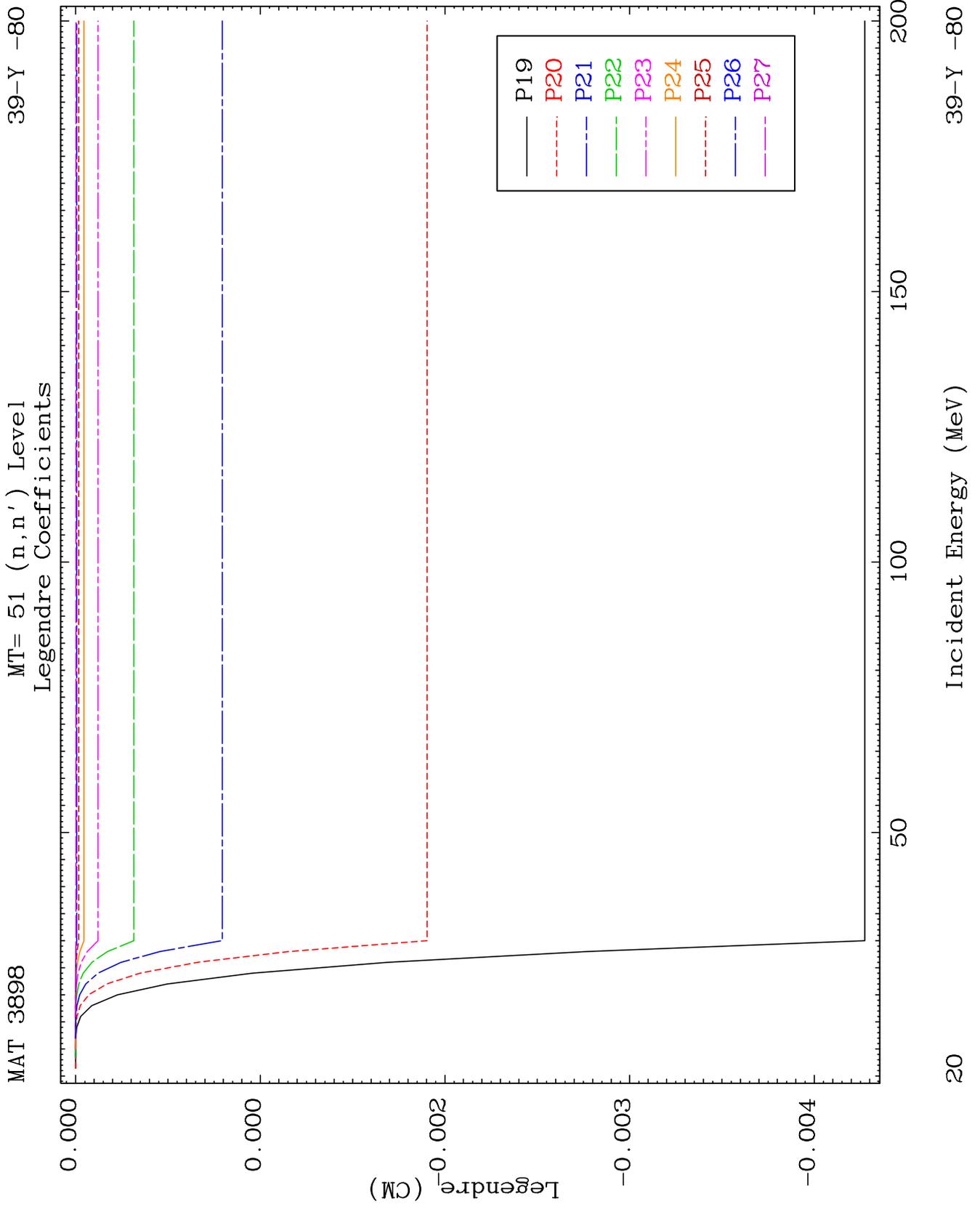
39-Y -80

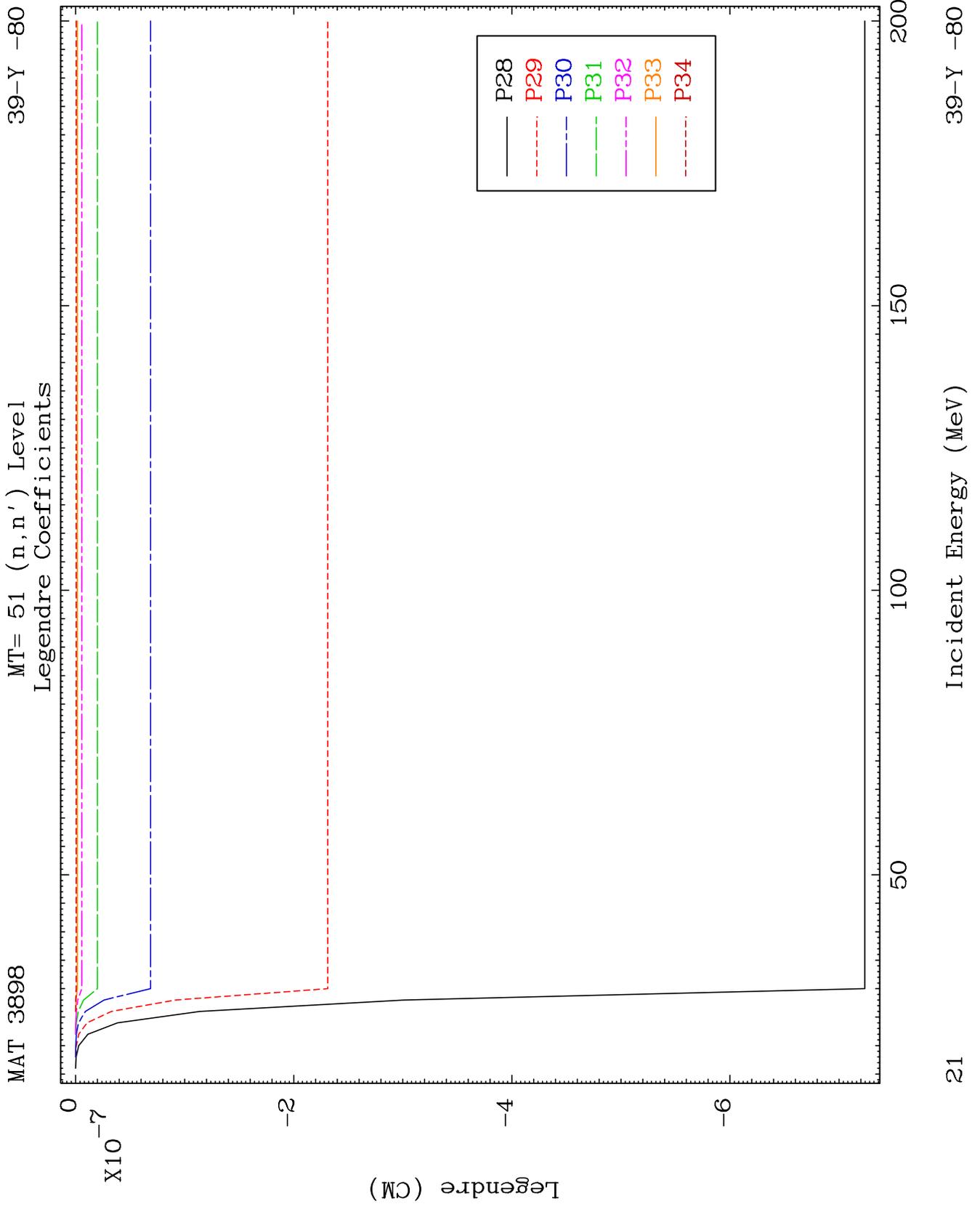
MAT 3898

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

39-Y -80



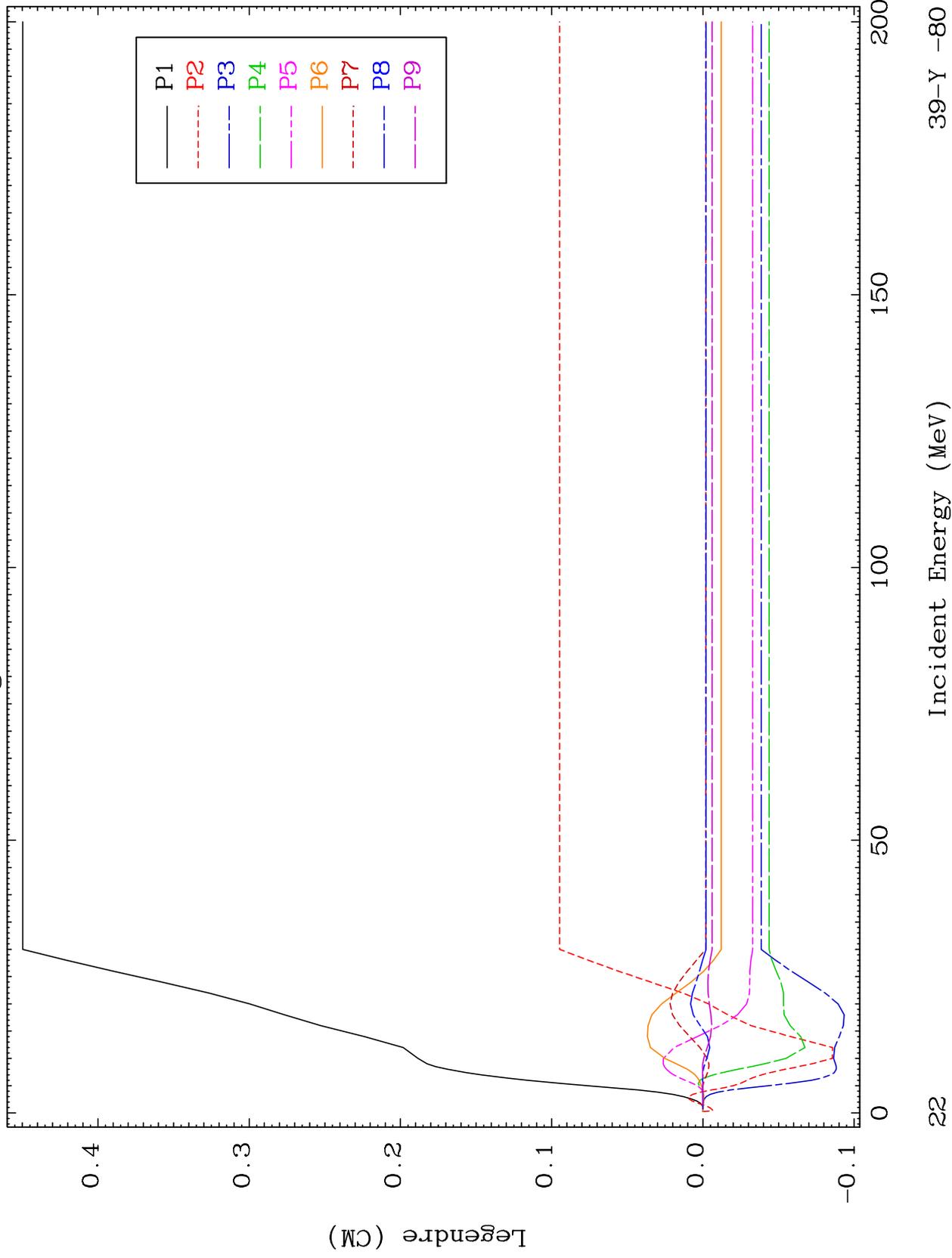




MAT 3898

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

39-Y -80



39-Y -80

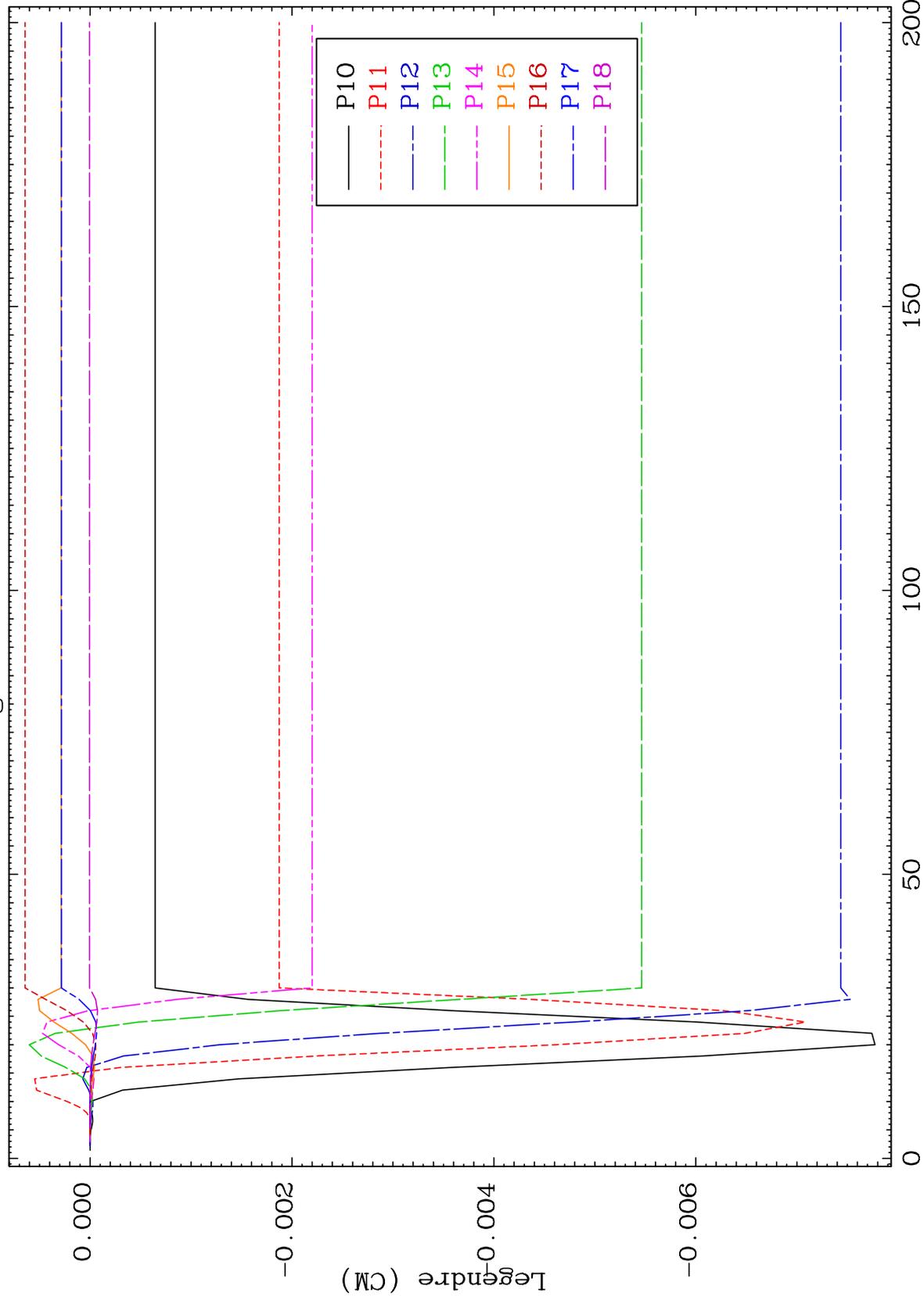
Incident Energy (MeV)

22

MAT 3898

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

39-Y -80



23

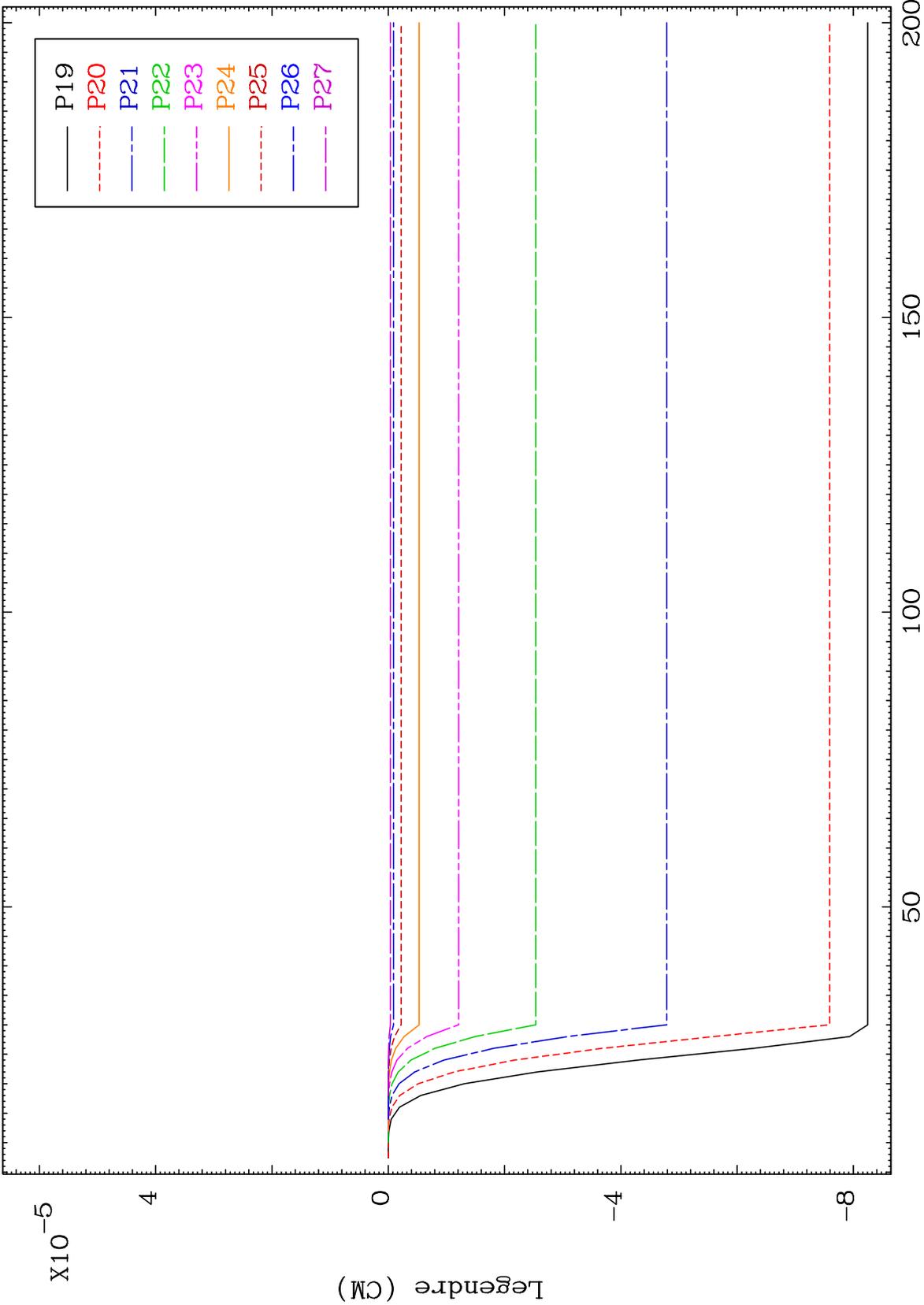
Incident Energy (MeV)

39-Y -80

MAT 3898

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

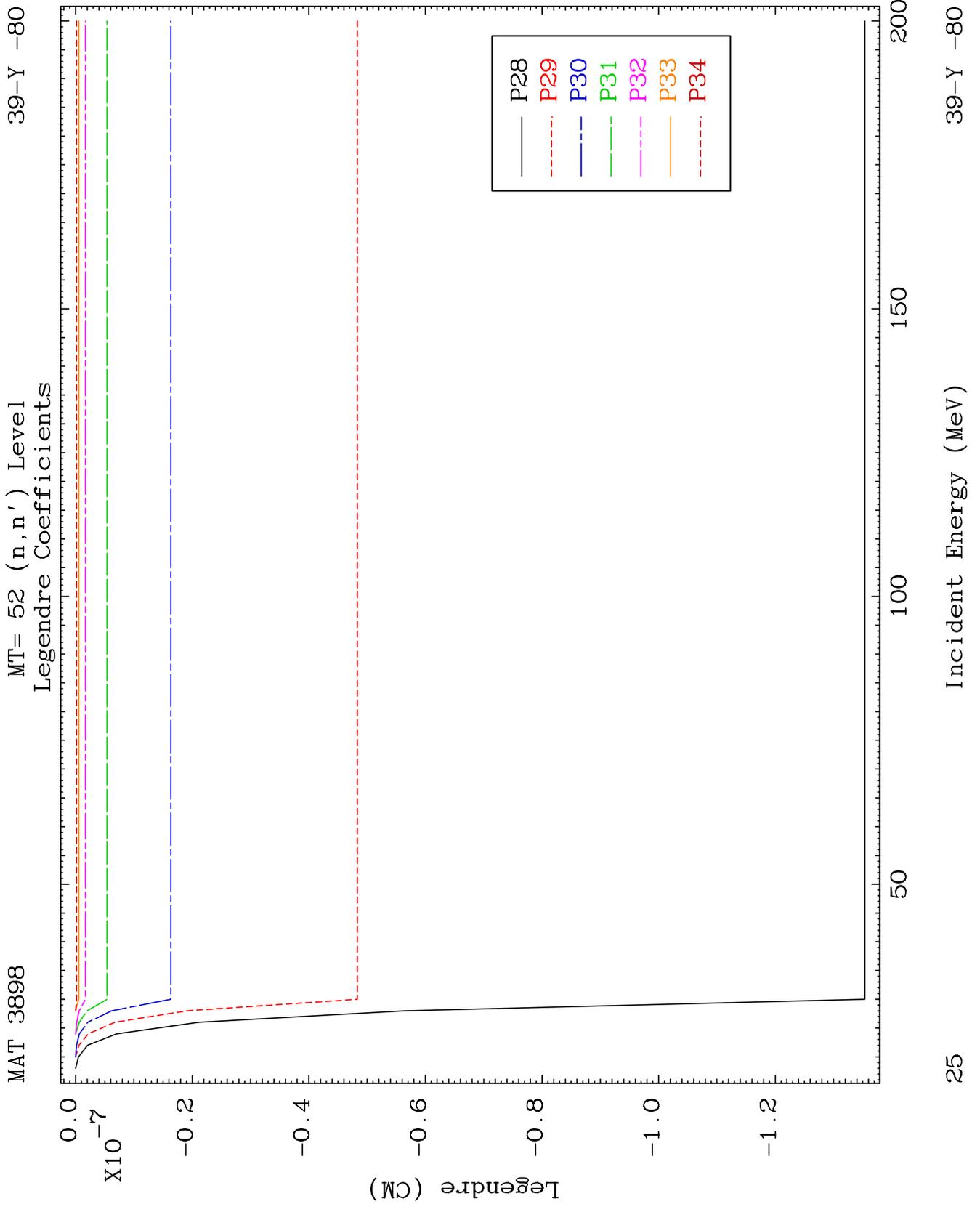
39-Y -80



24

Incident Energy (MeV)

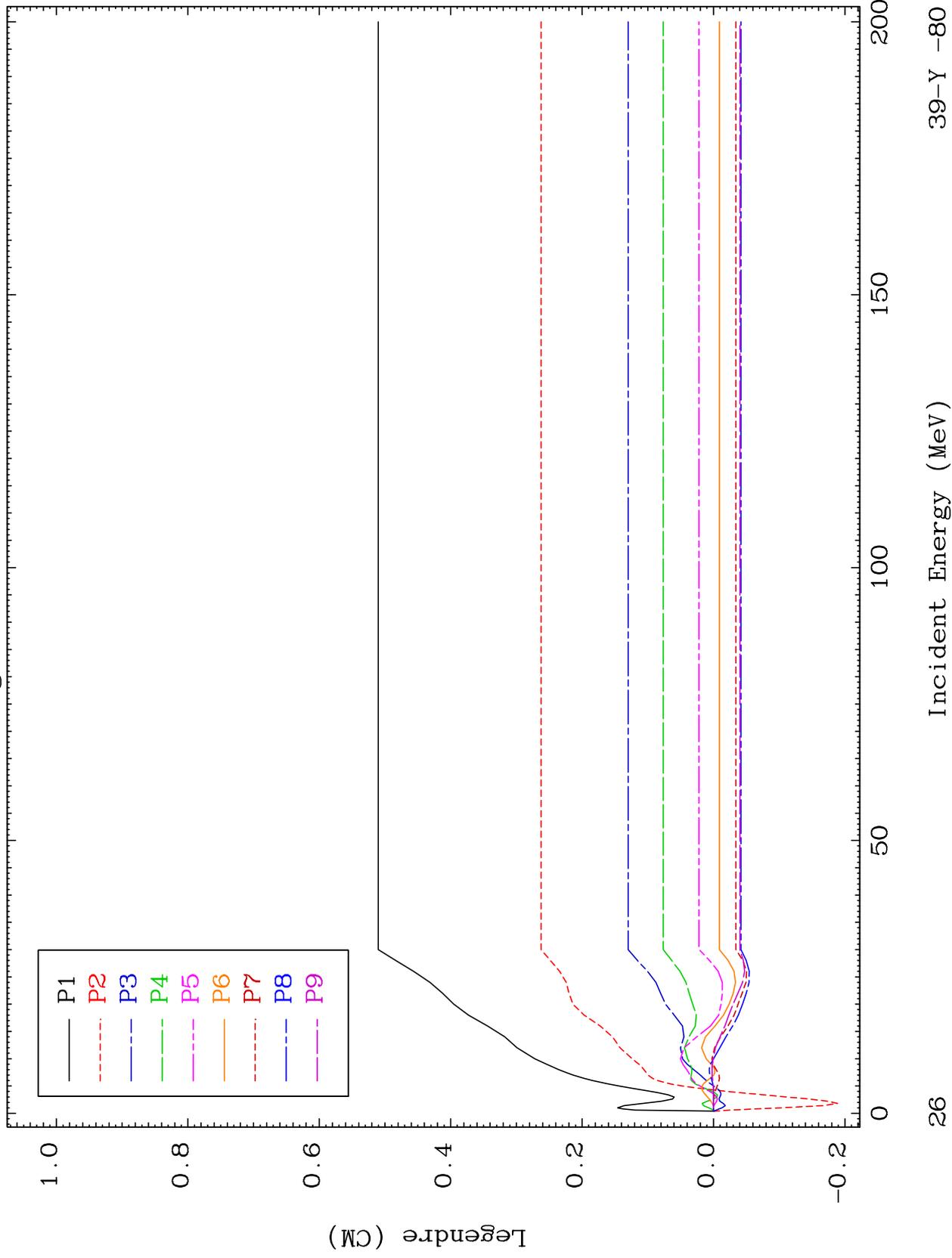
39-Y -80



MAT 3898

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

39-Y -80



26

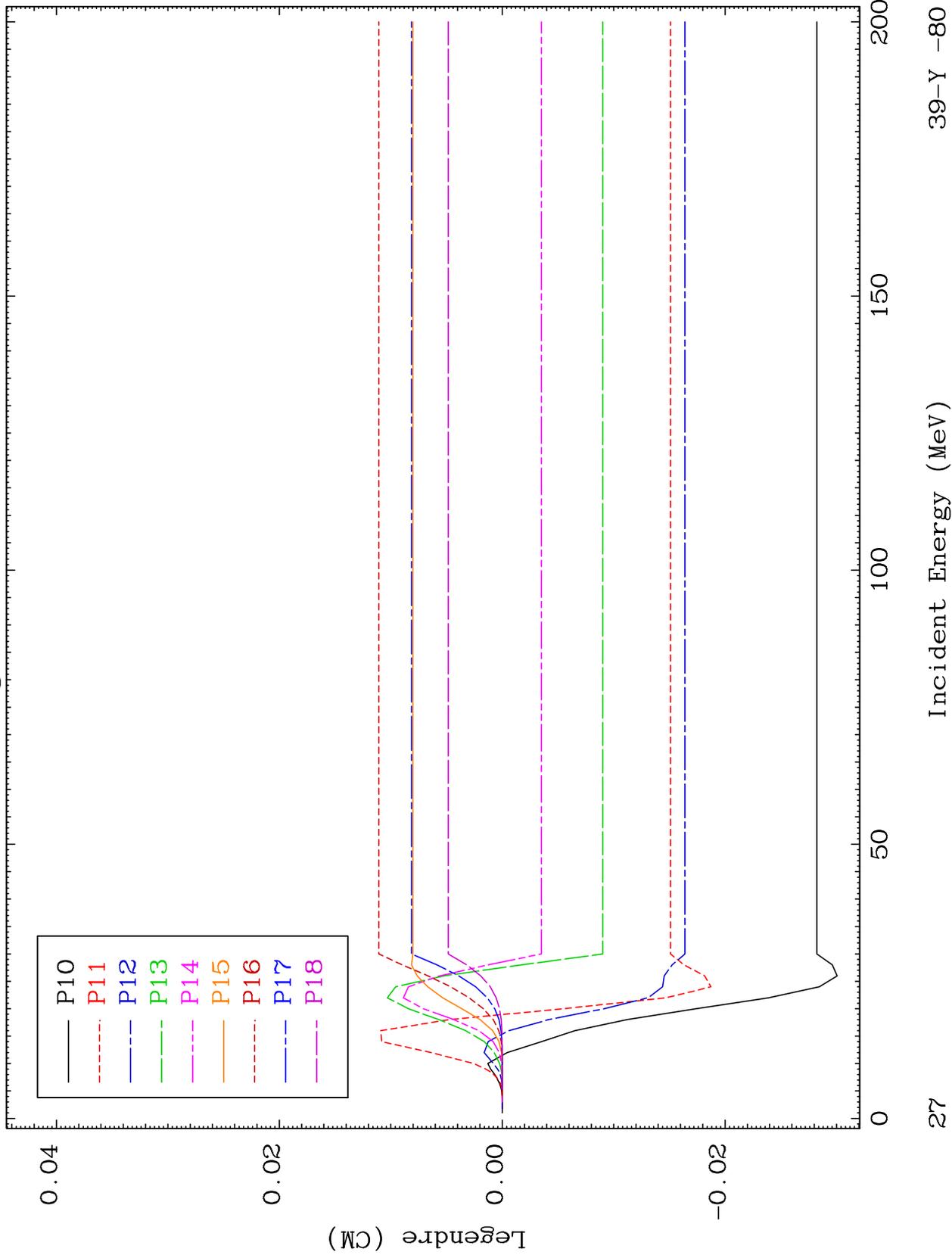
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80



27

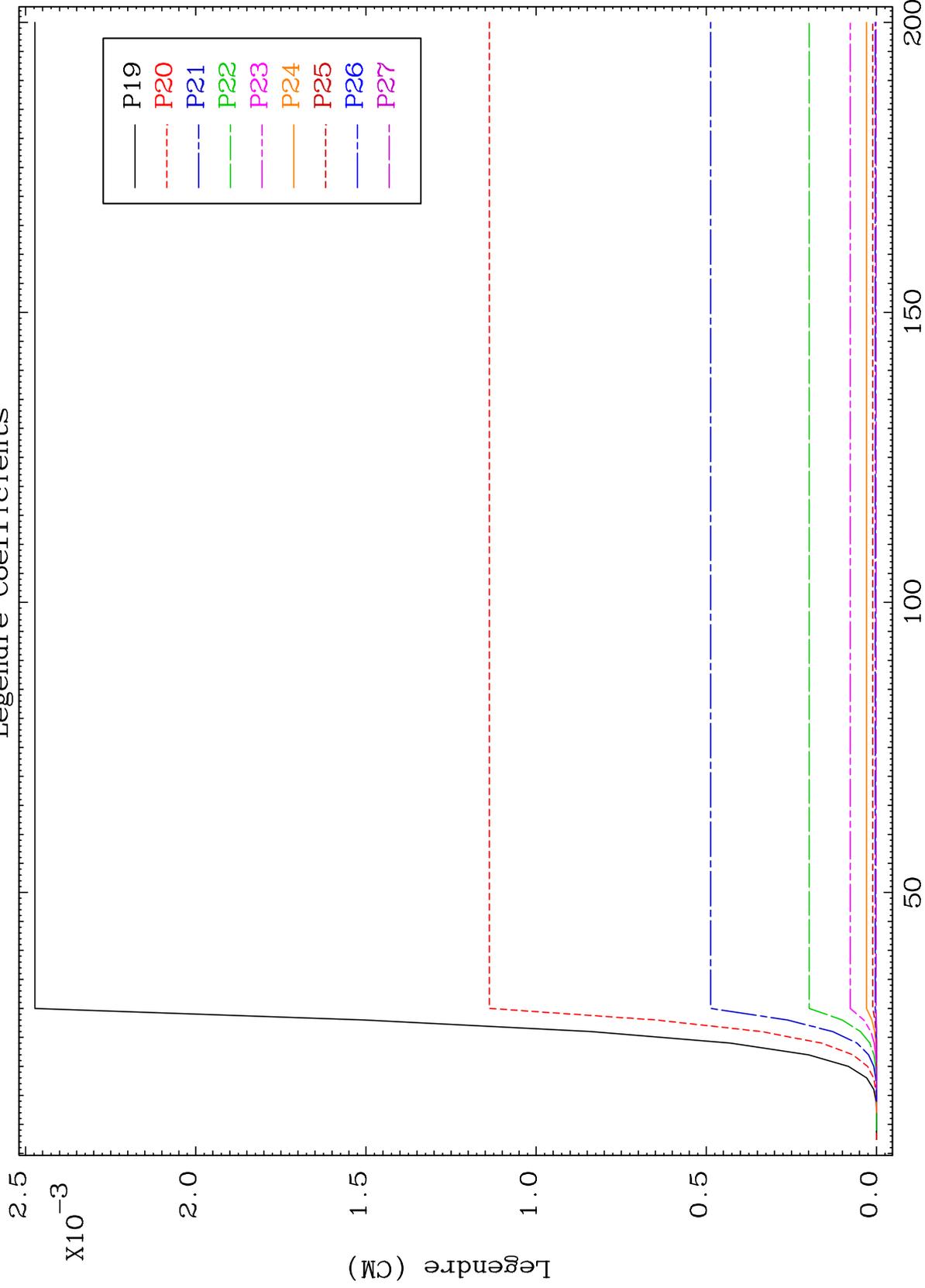
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80



28

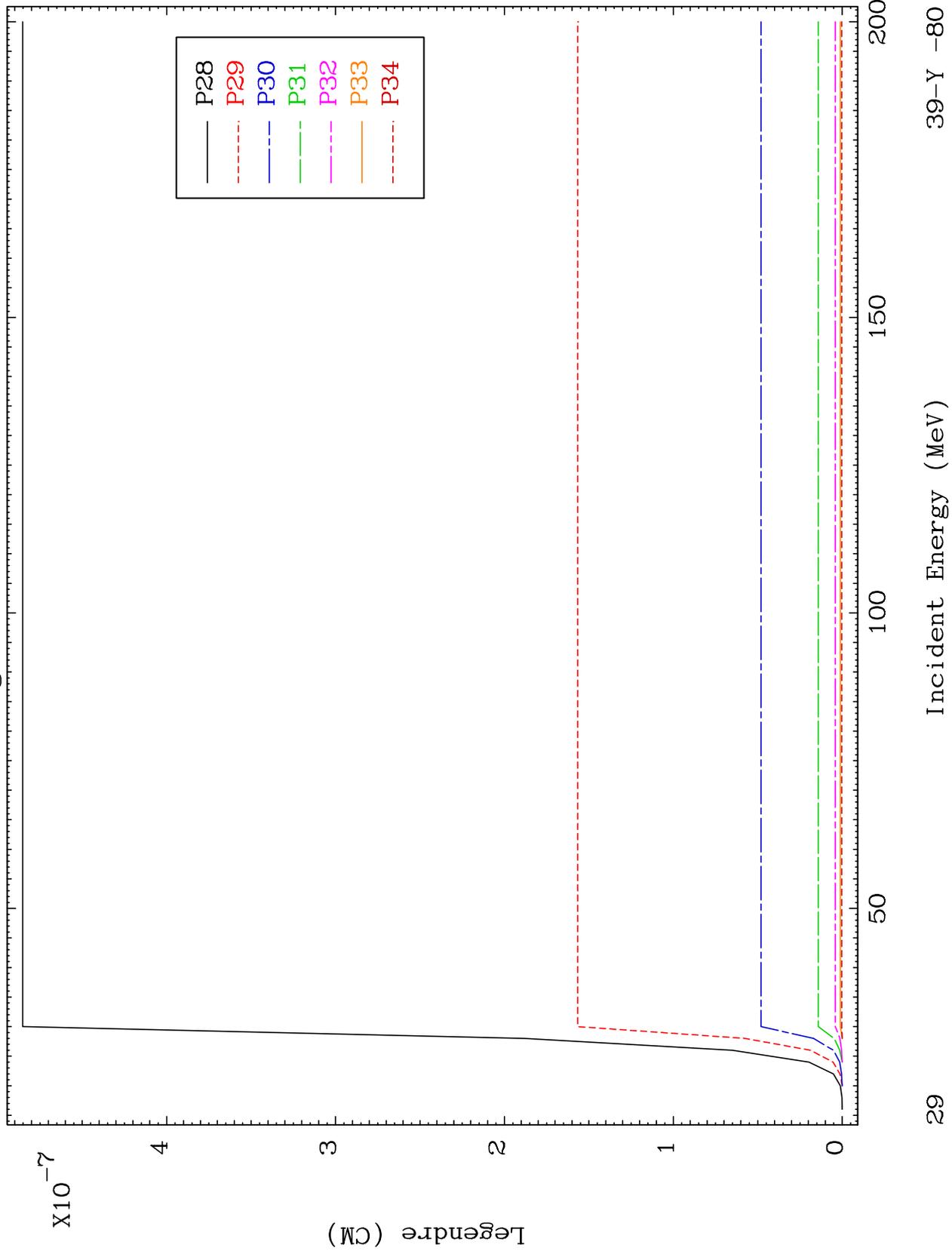
Incident Energy (MeV)

39-Y -80

MAT 3898

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

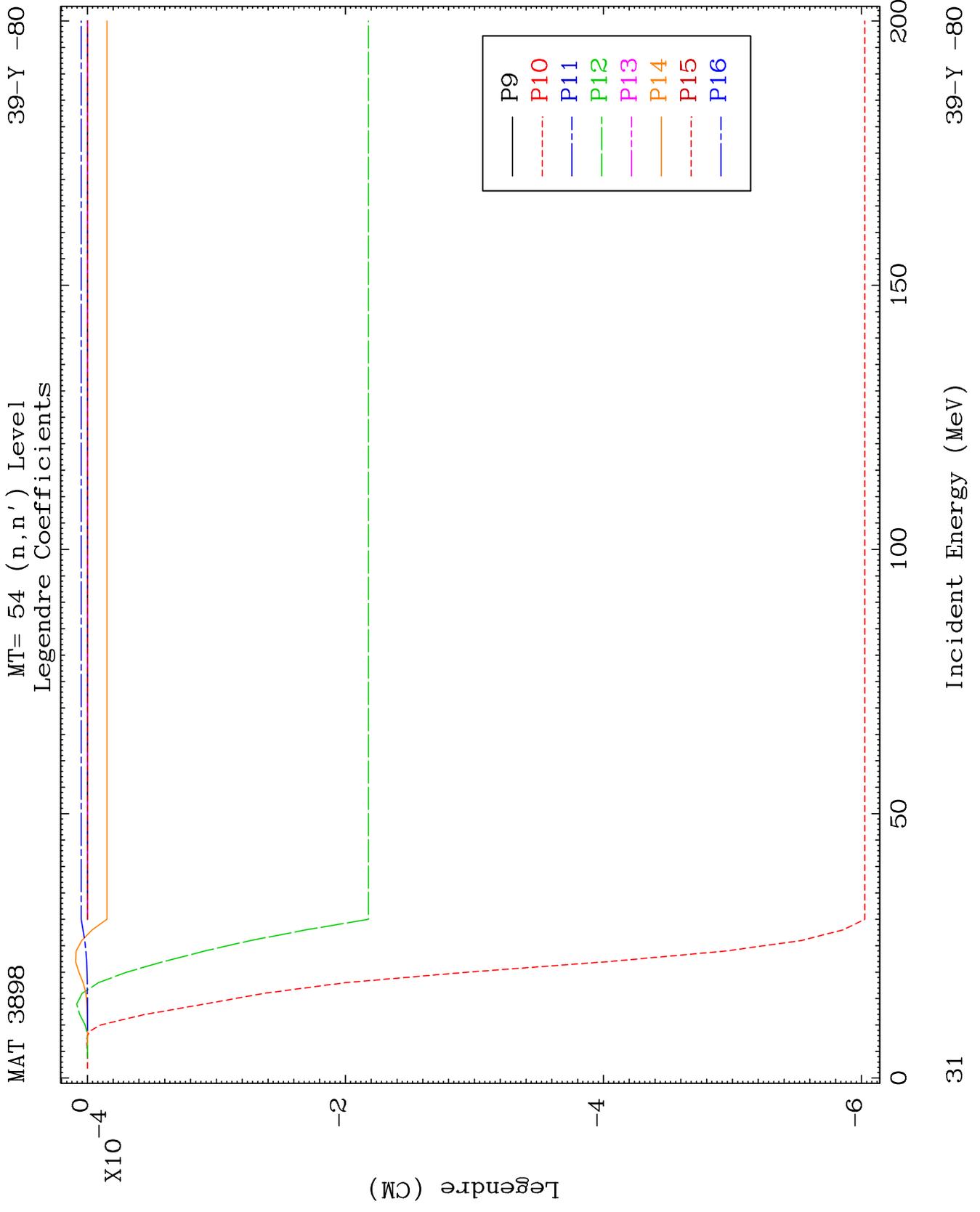
39-Y -80

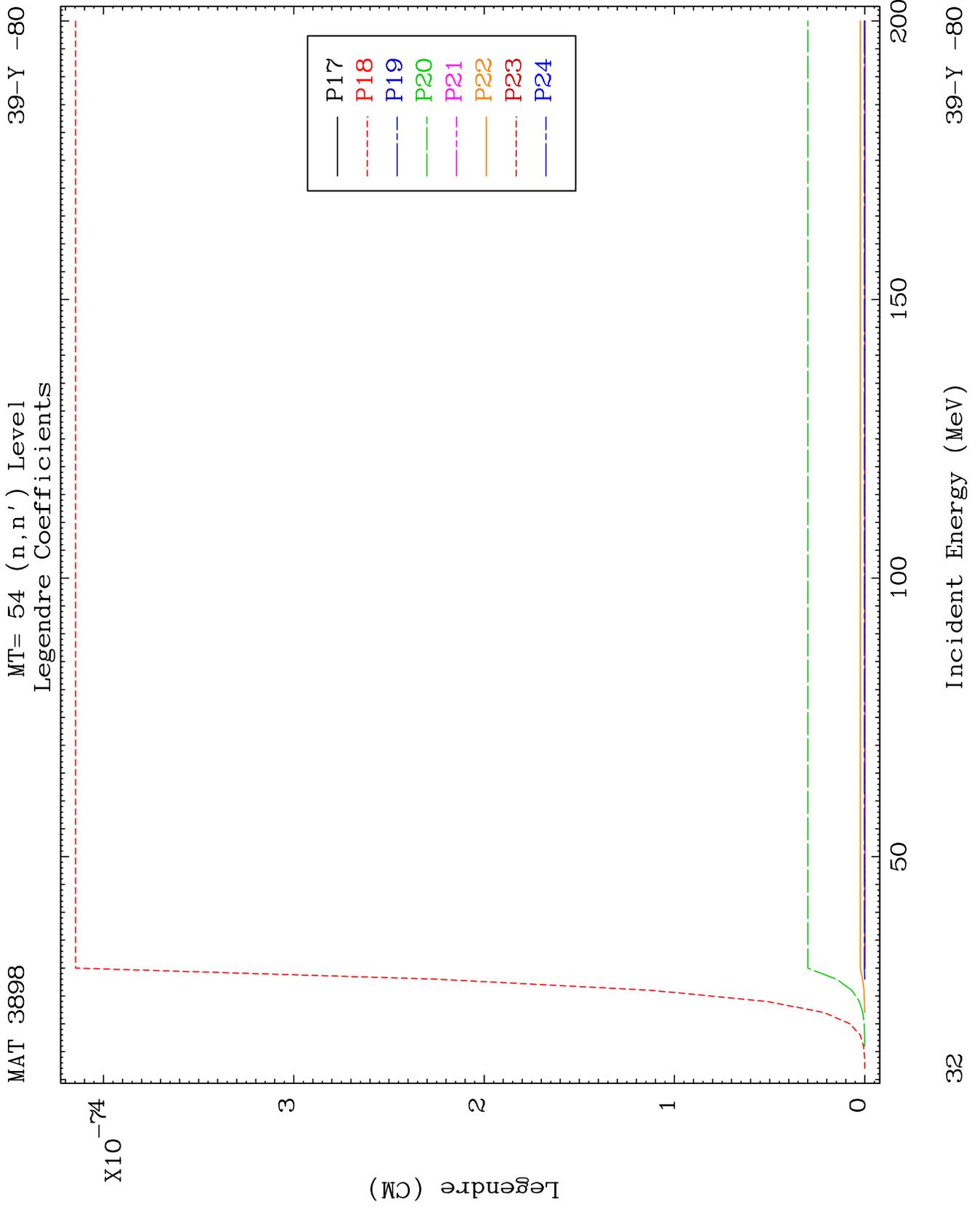


29

Incident Energy (MeV)

39-Y -80

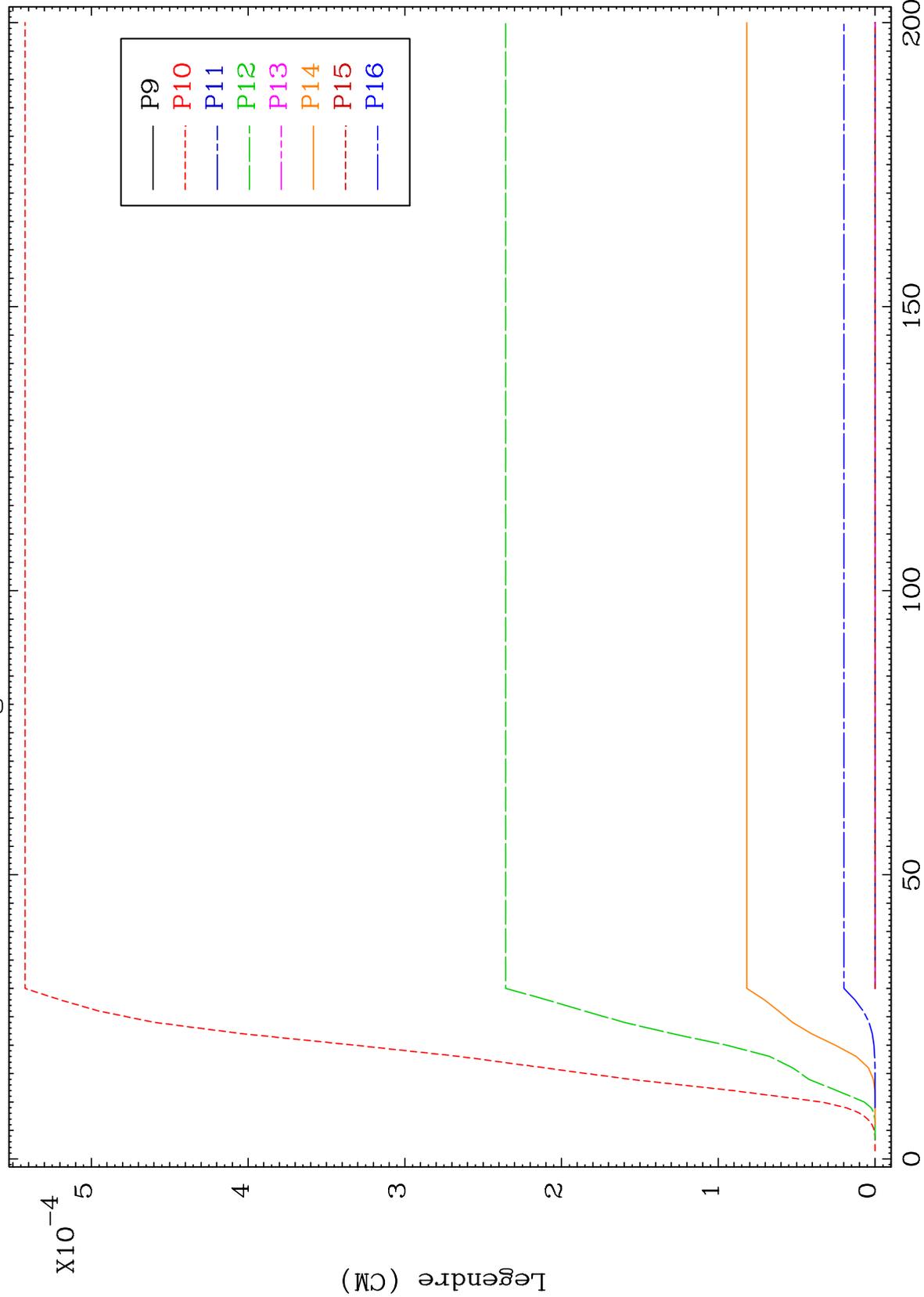




MAT 3898

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

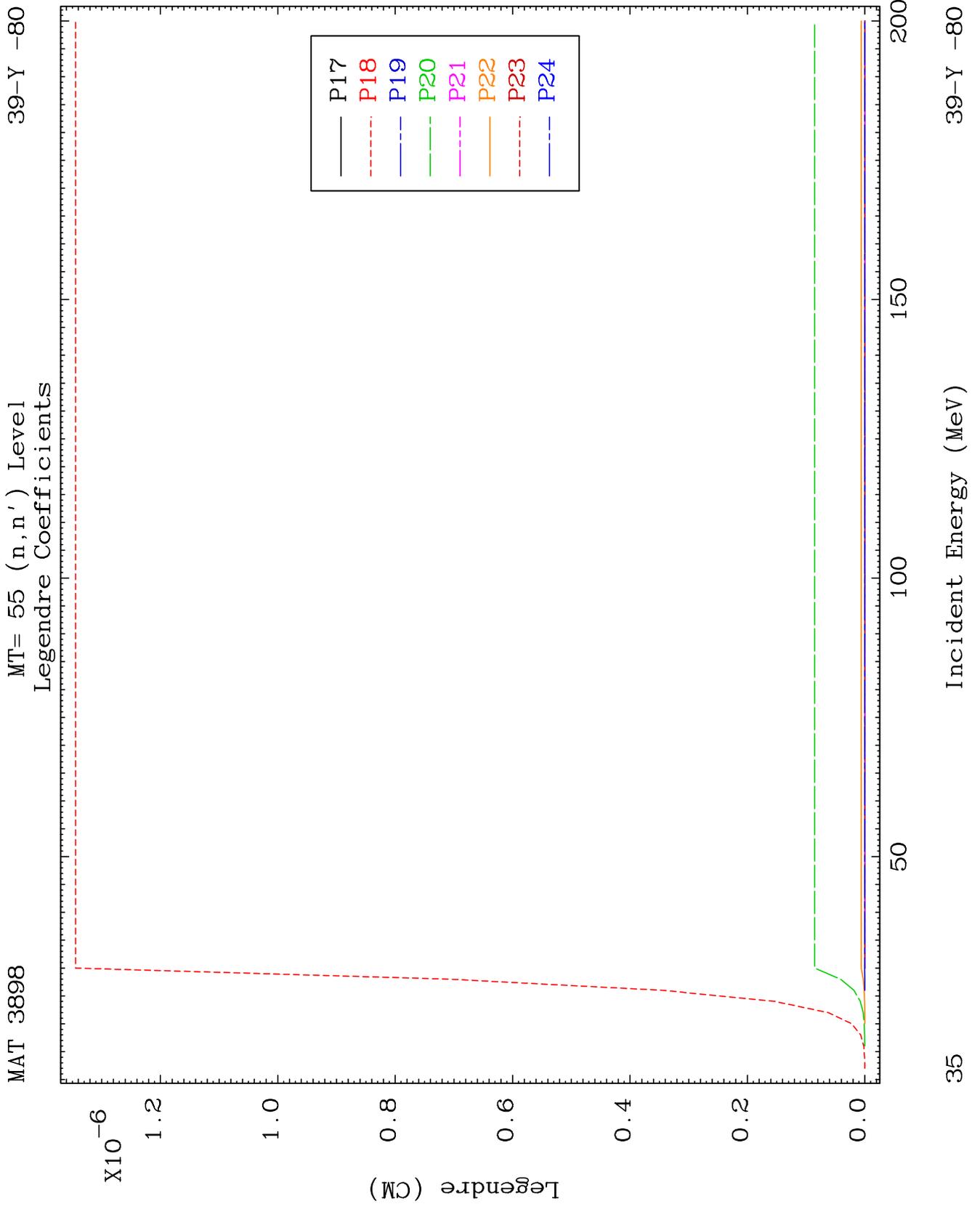
39-Y -80

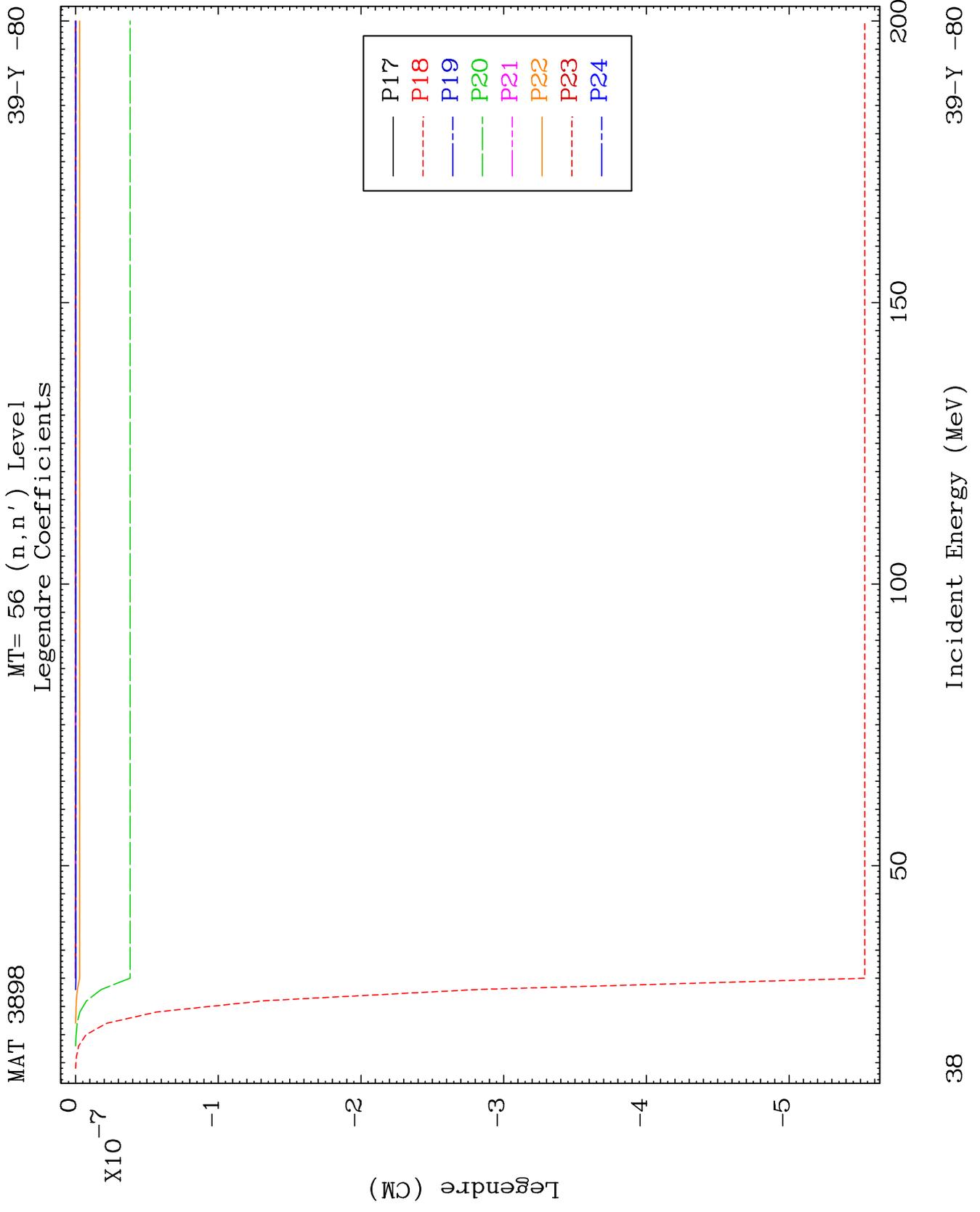


34

Incident Energy (MeV)

39-Y -80

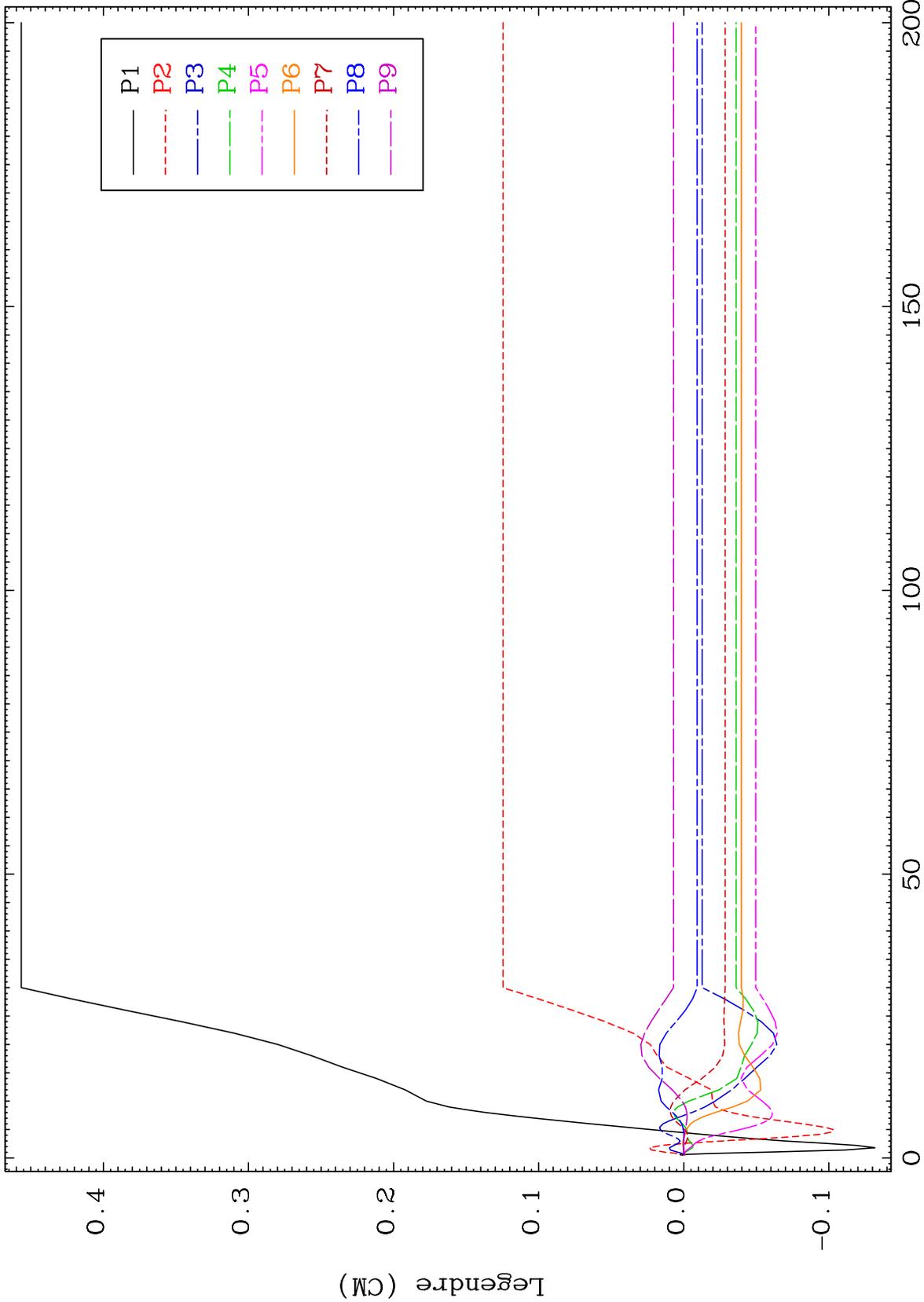




MAT 3898

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

39-Y -80



39

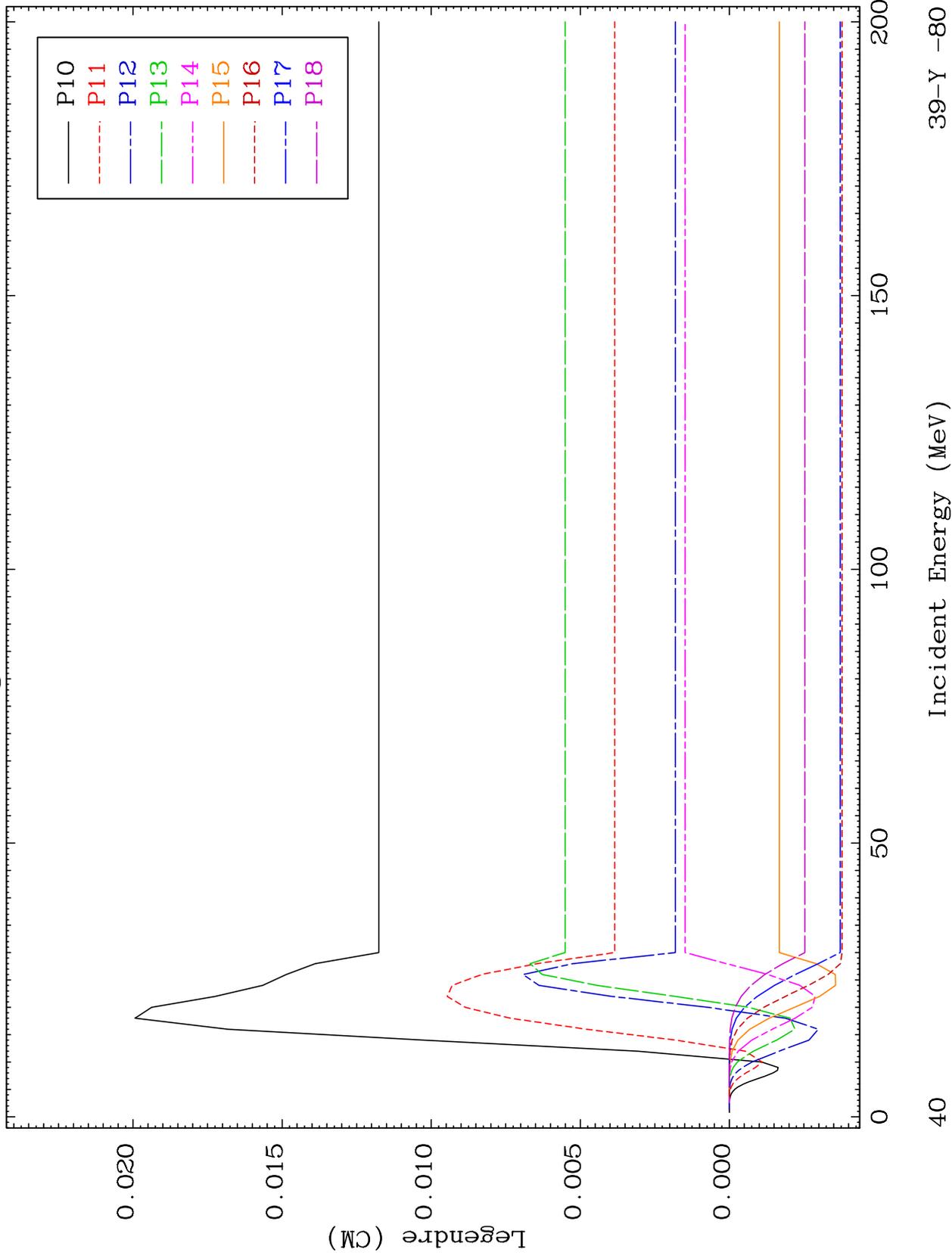
Incident Energy (MeV)

39-Y -80

MAT 3898

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

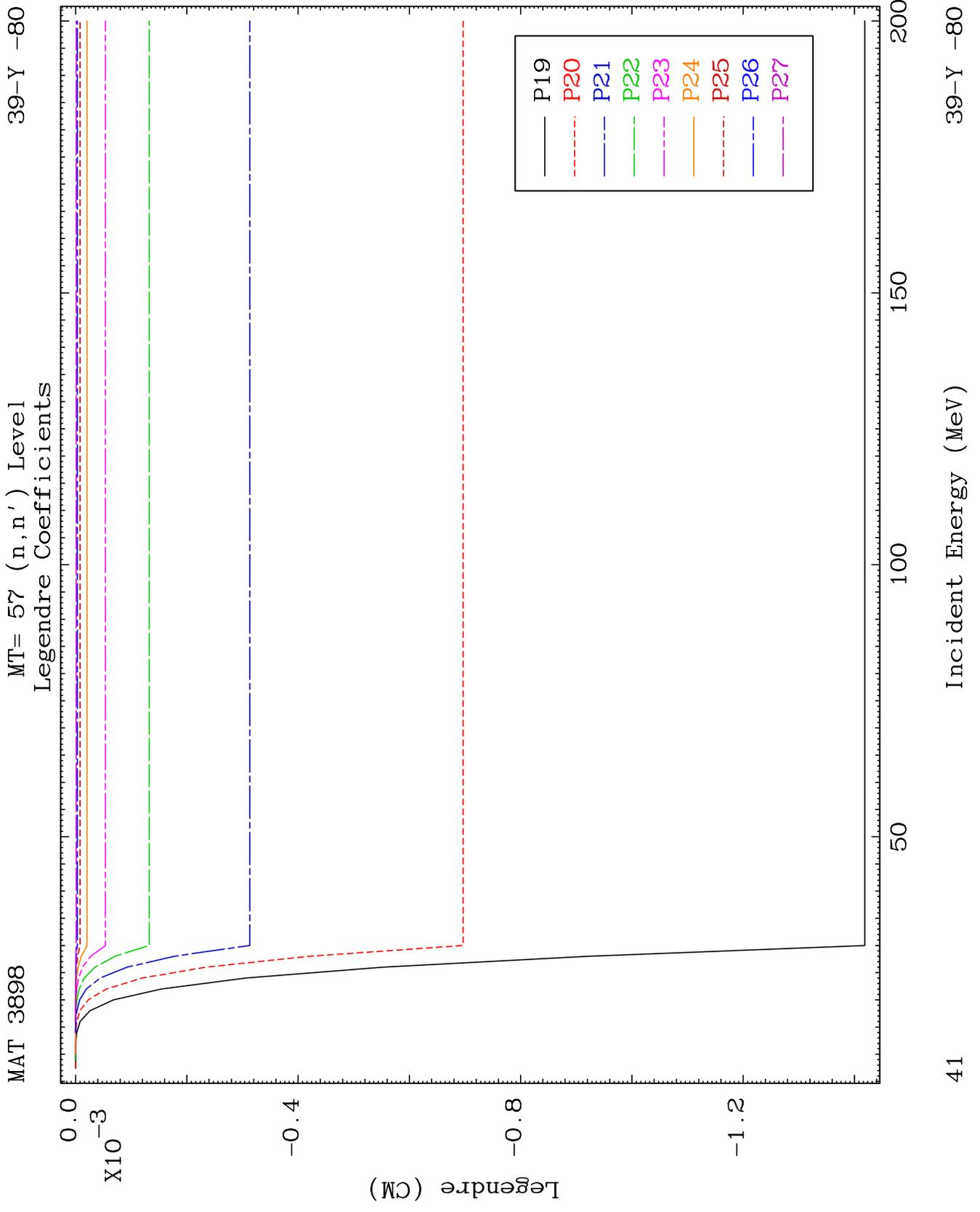
39-Y -80

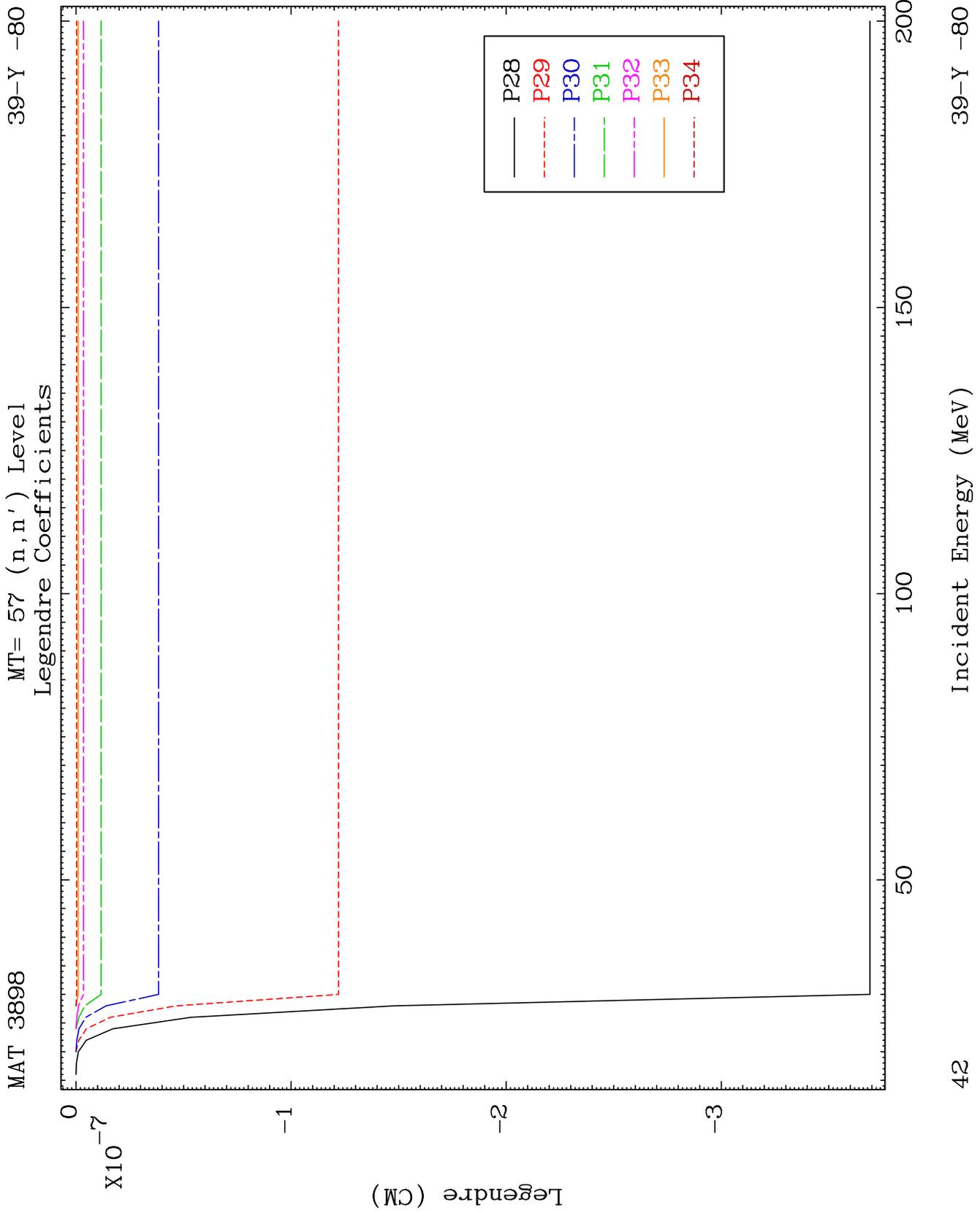


39-Y -80

Incident Energy (MeV)

40

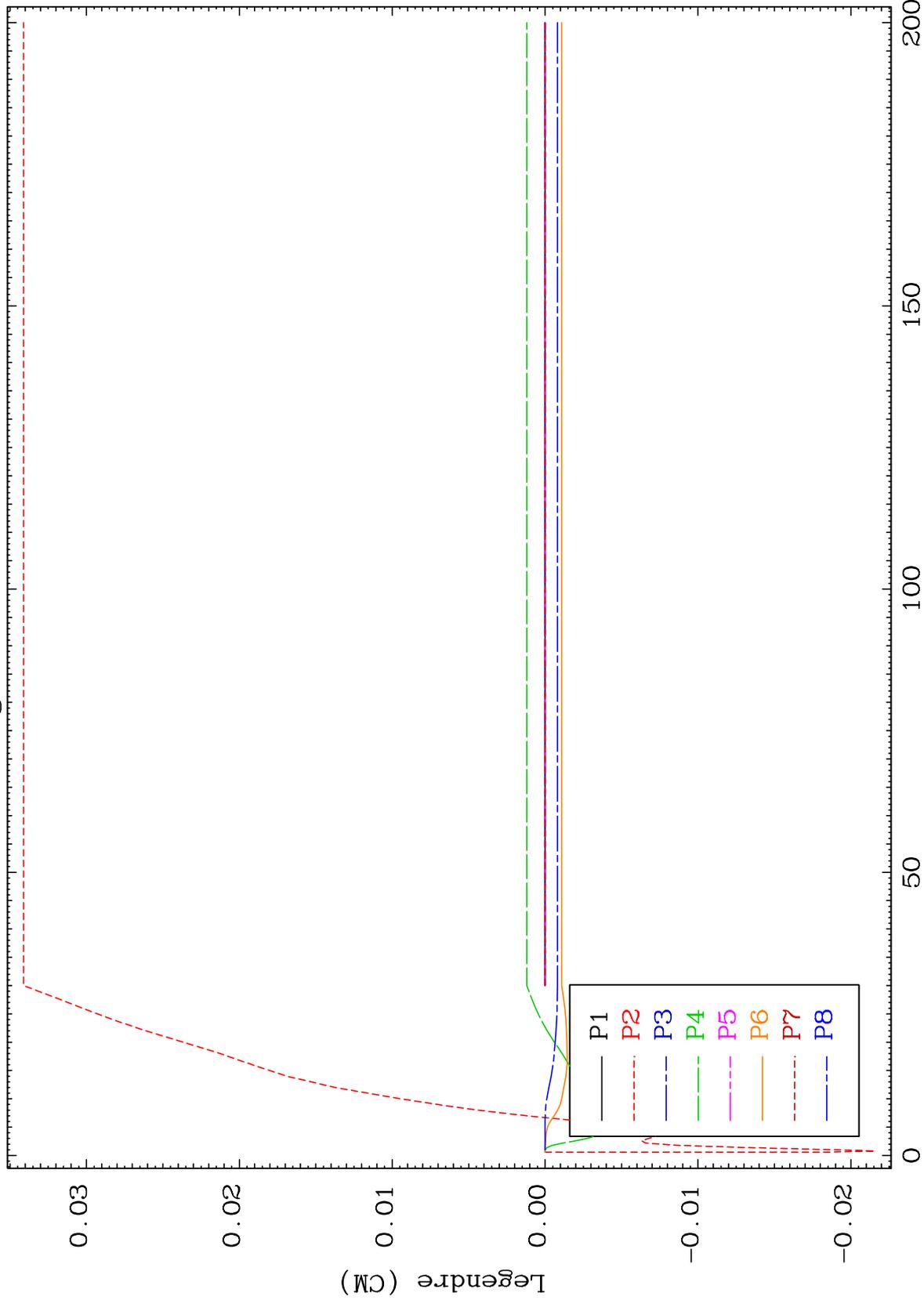




MAT 3898

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

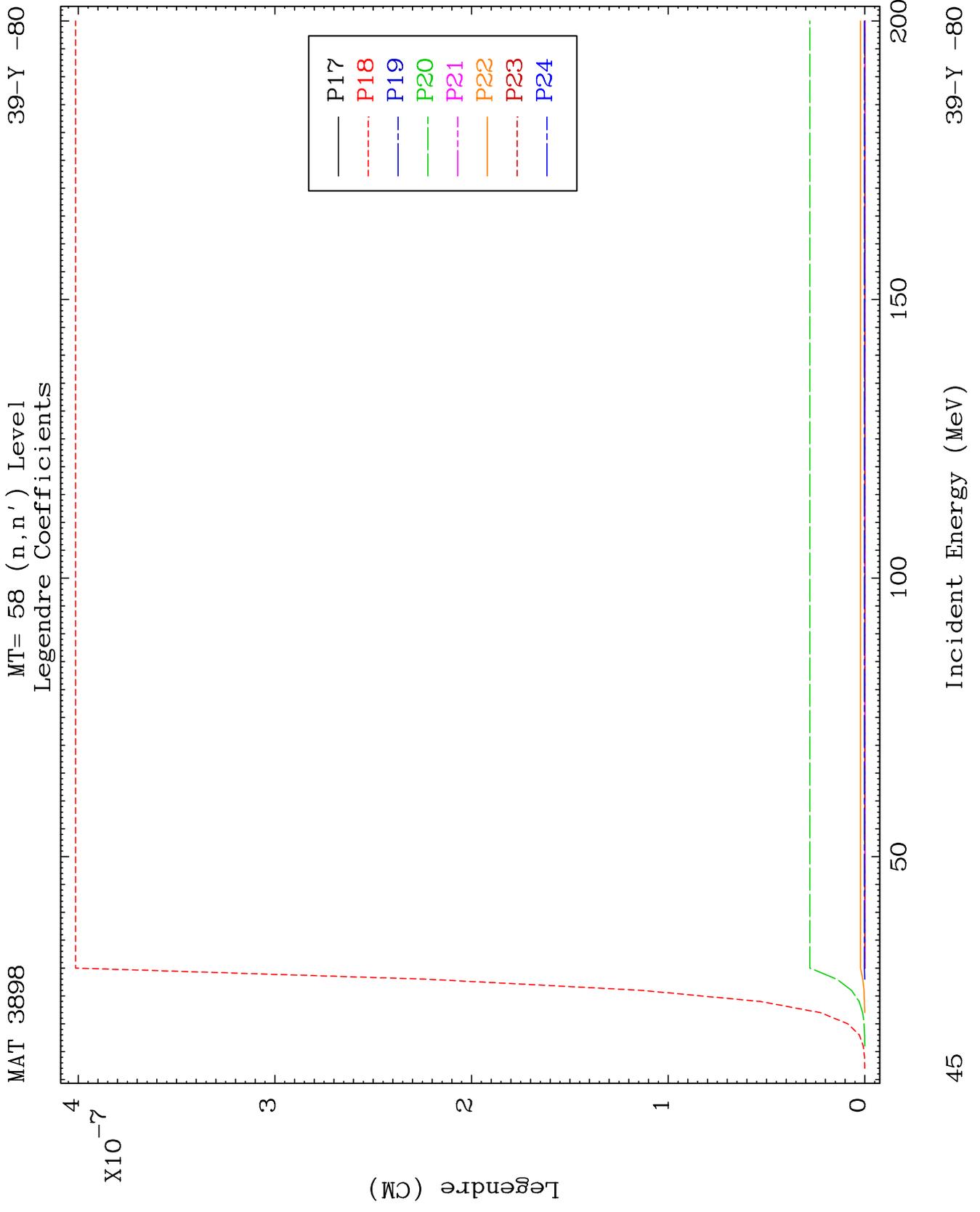
39-Y -80

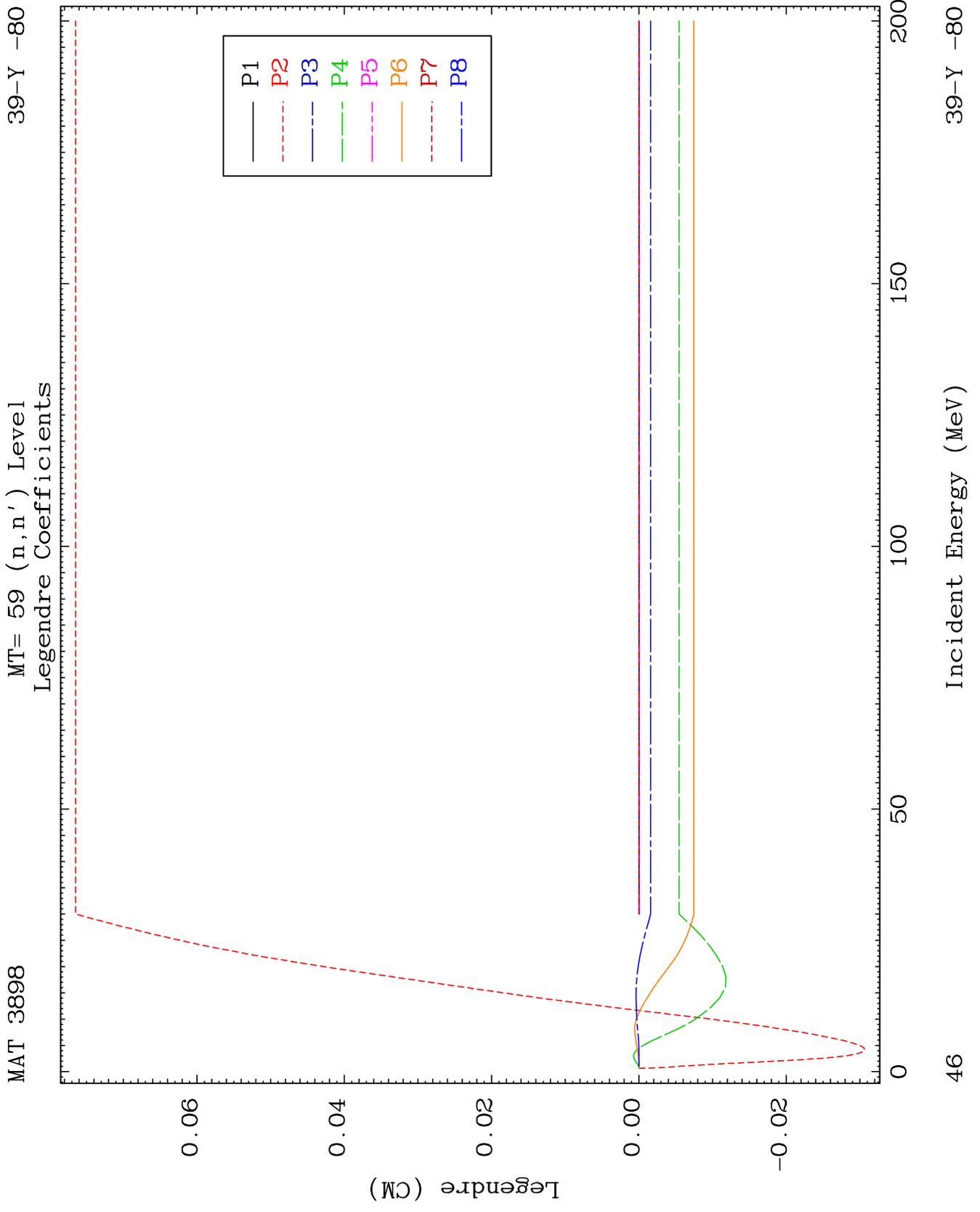


Incident Energy (MeV)

39-Y -80

43

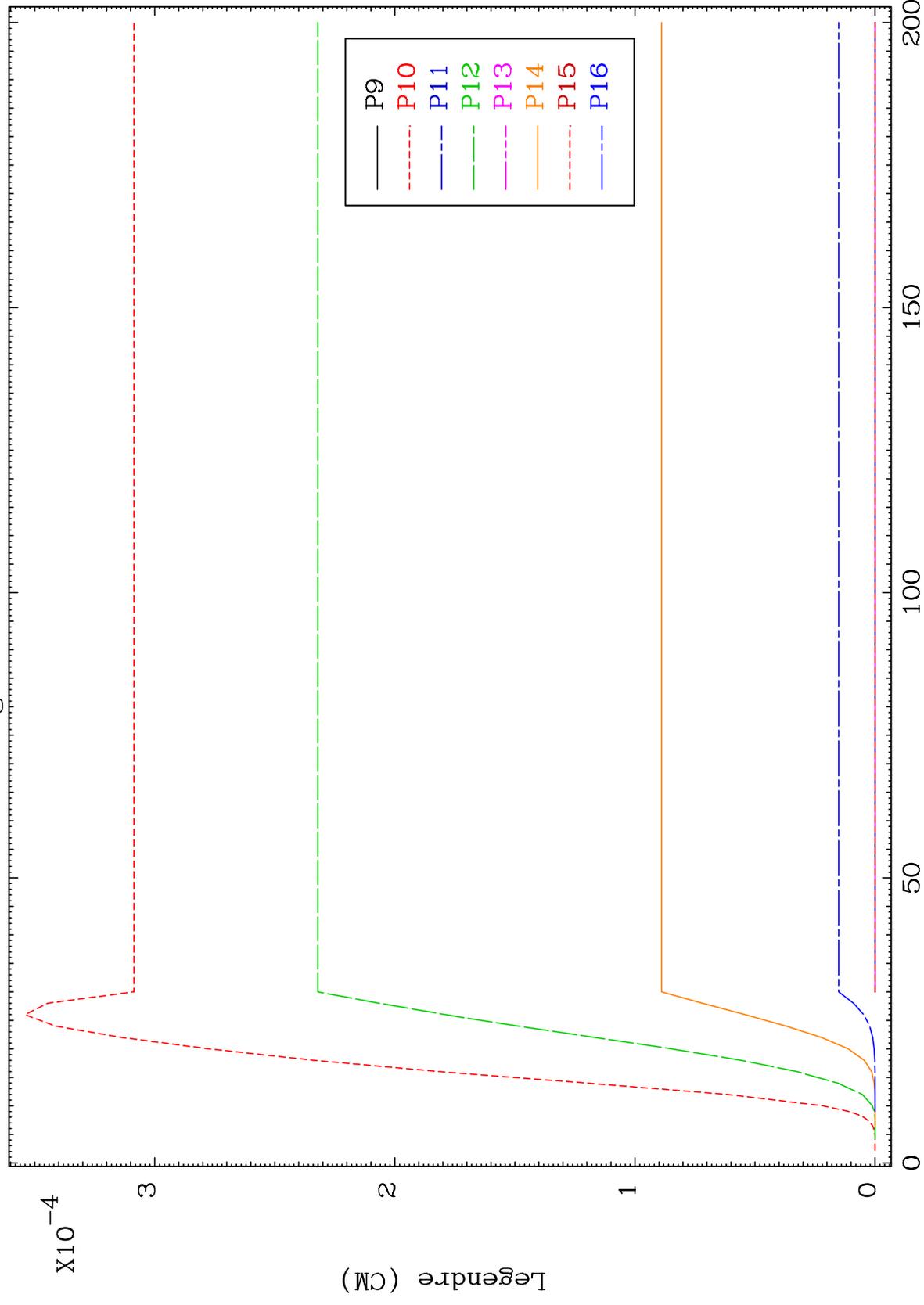




MAT 3898

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

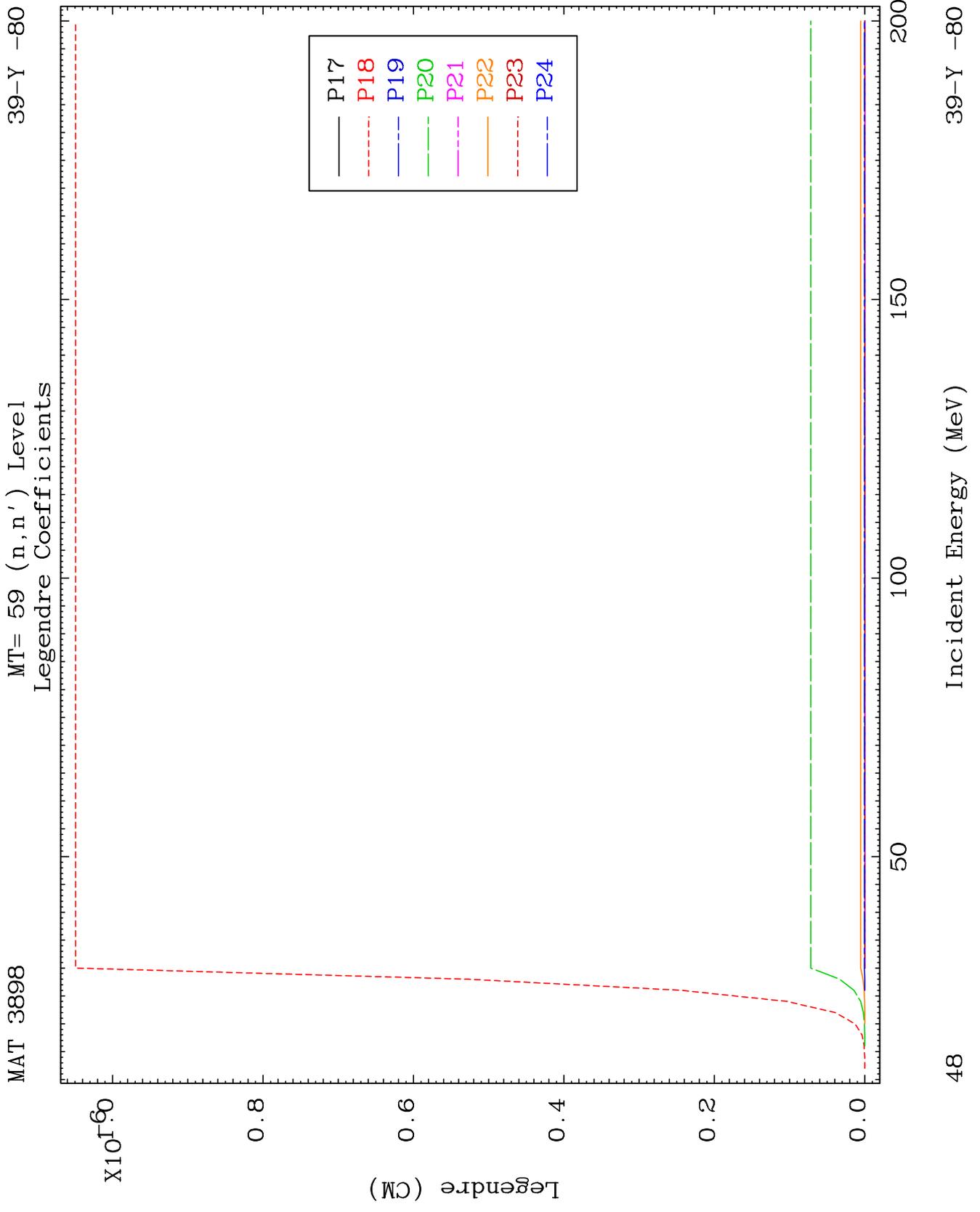
39-Y -80



47

Incident Energy (MeV)

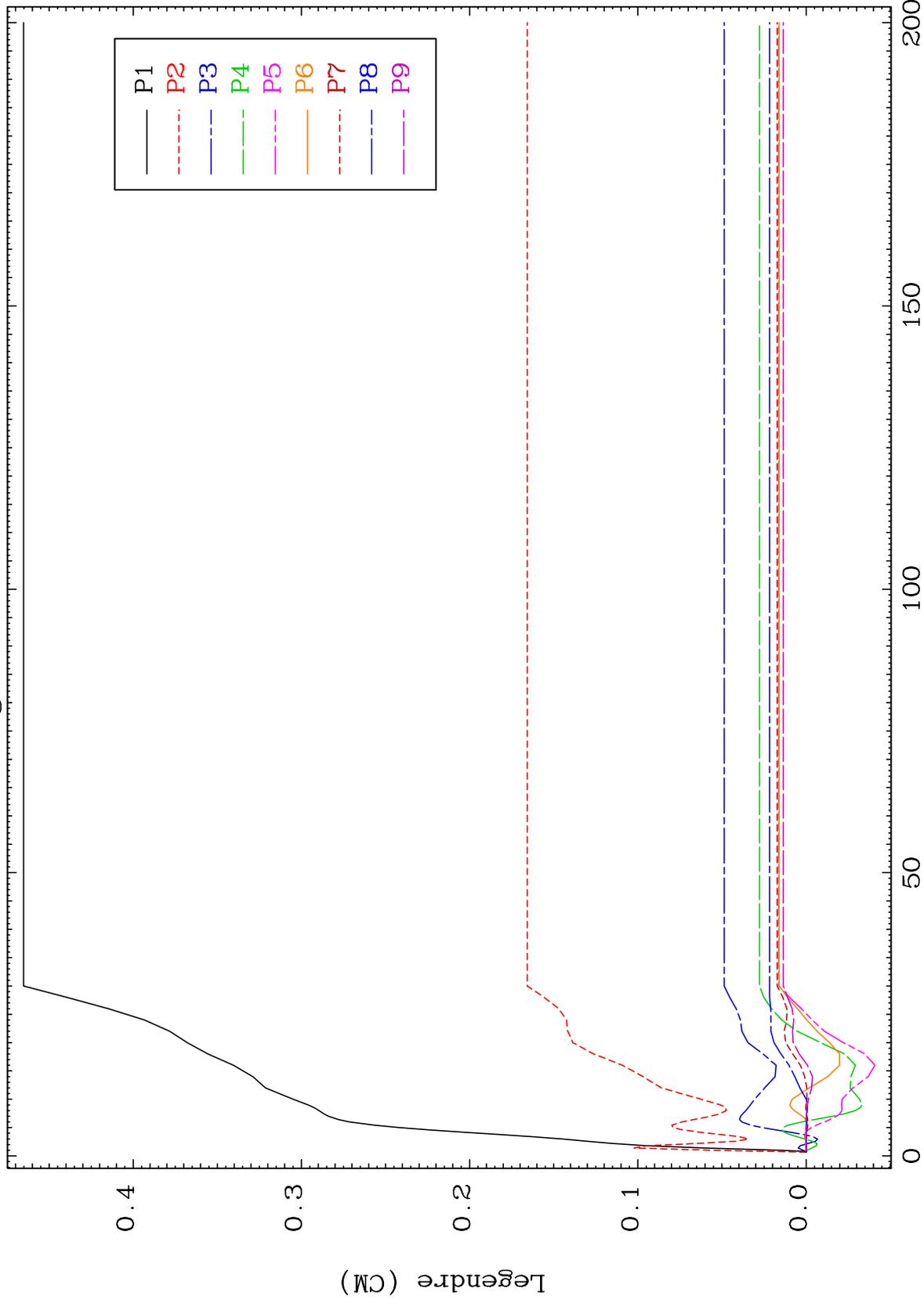
39-Y -80



MAT 3898

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

39-Y -80



49

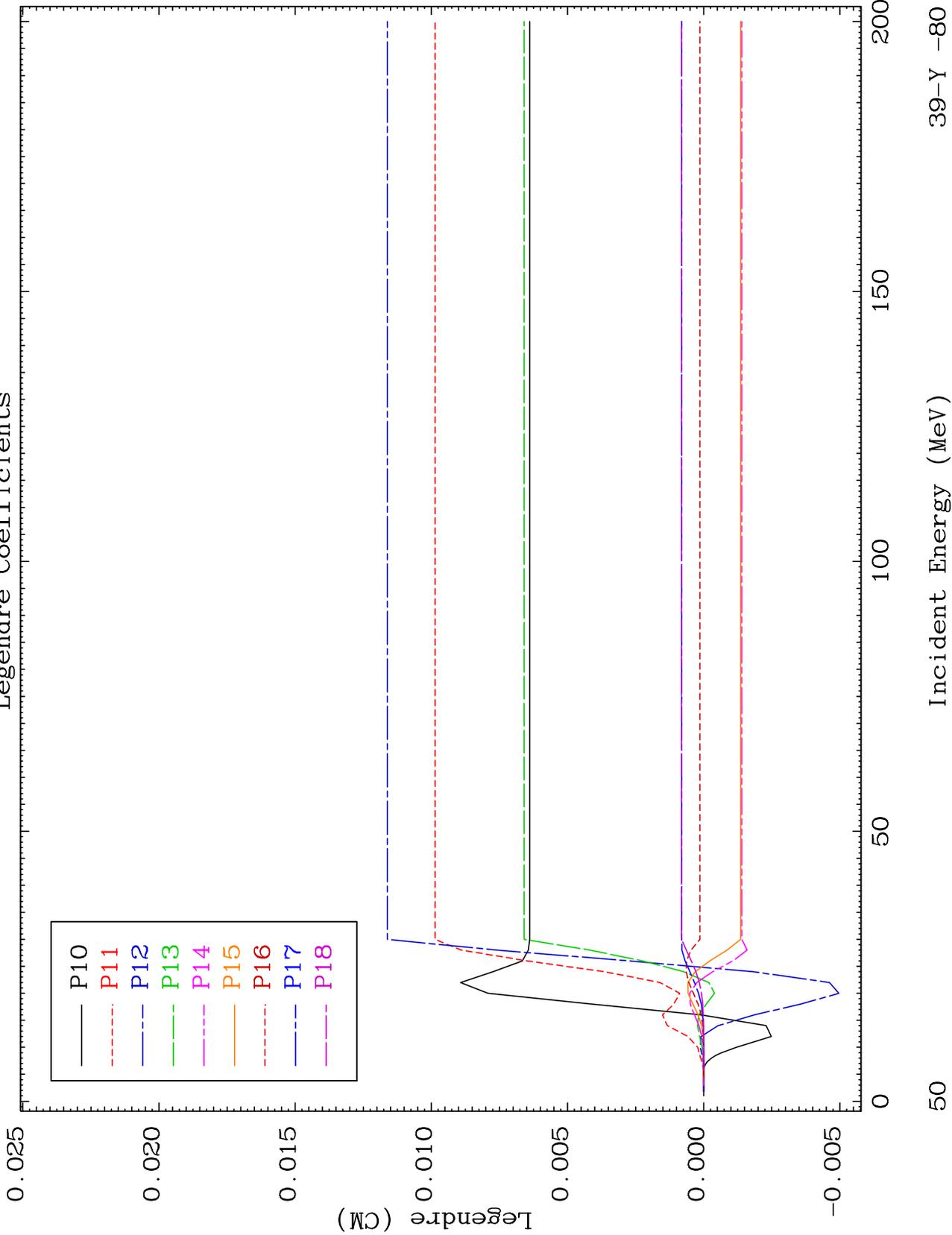
Incident Energy (MeV)

39-Y -80

MAT 3898

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

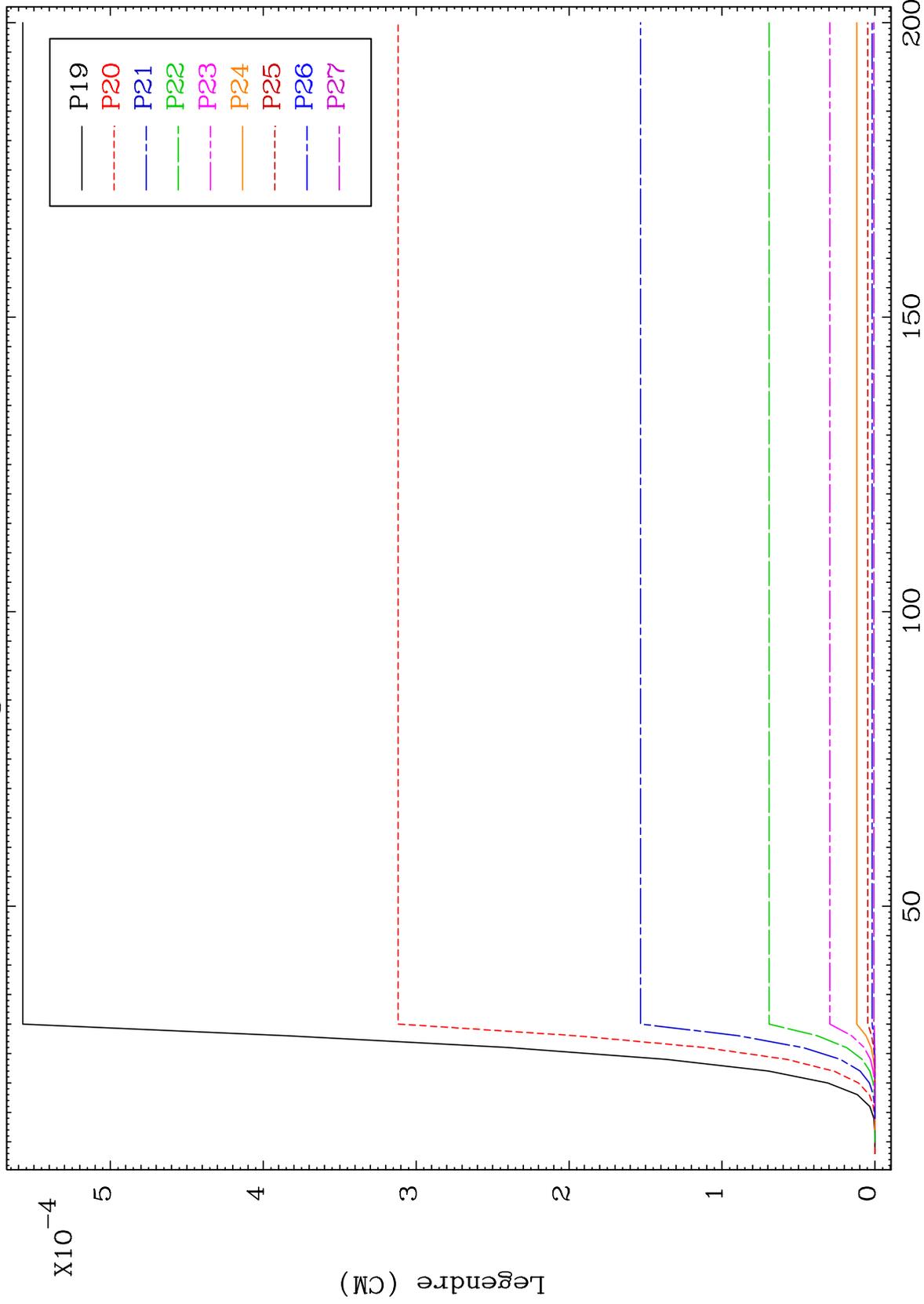
39-Y -80



MAT 3898

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

39-Y -80



51

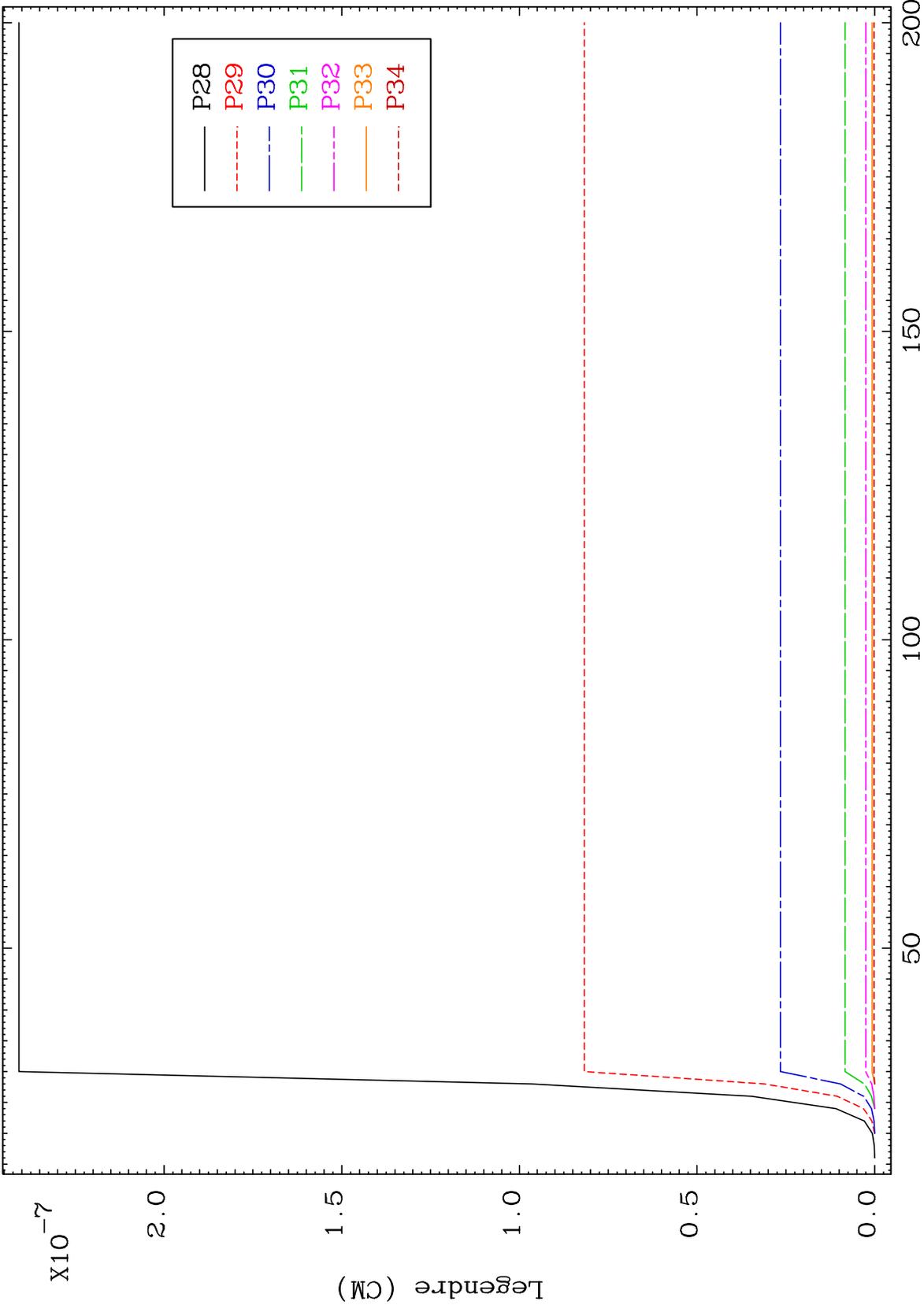
Incident Energy (MeV)

39-Y -80

MAT 3898

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

39-Y -80

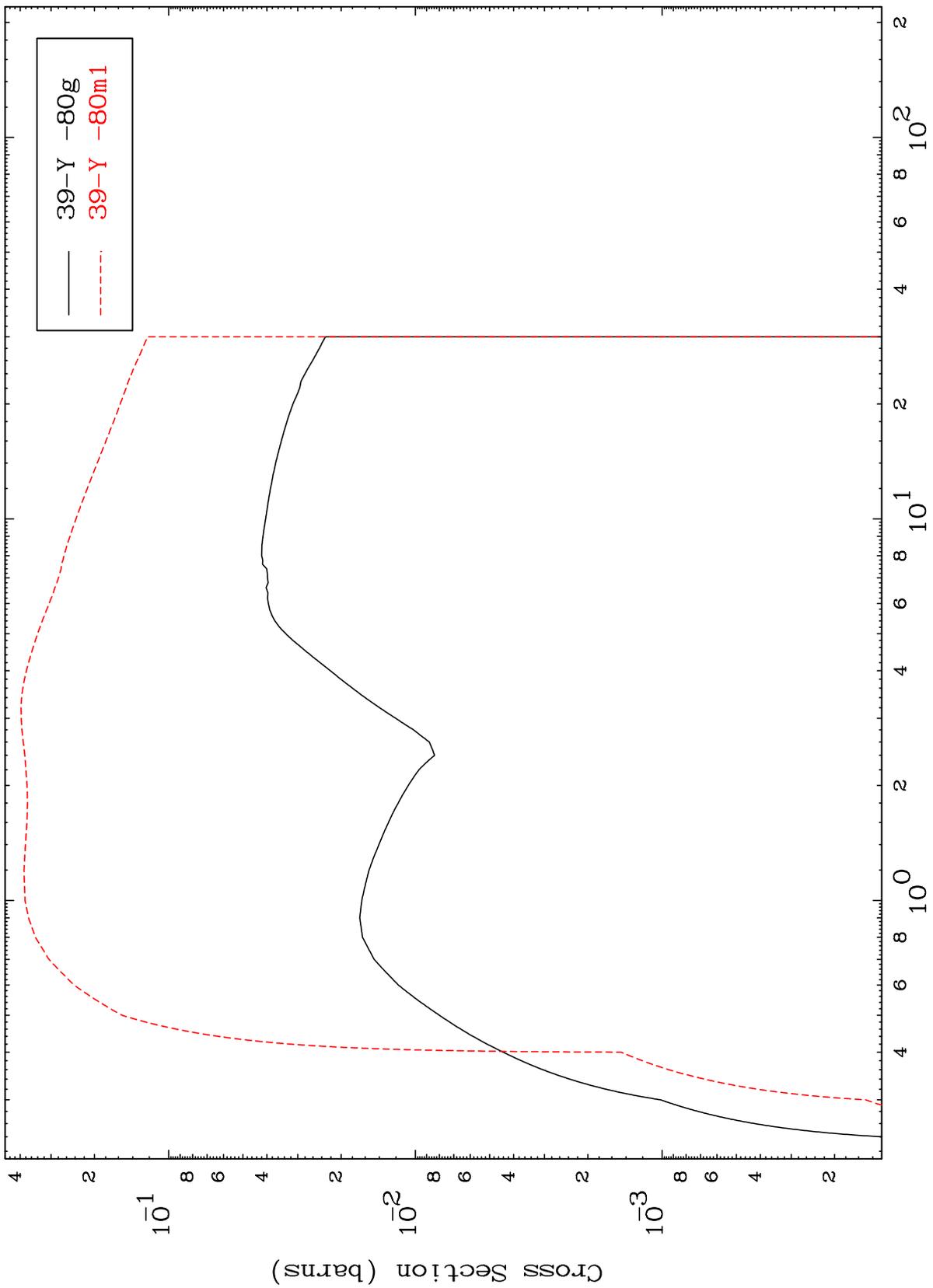


52

Incident Energy (MeV)

39-Y -80

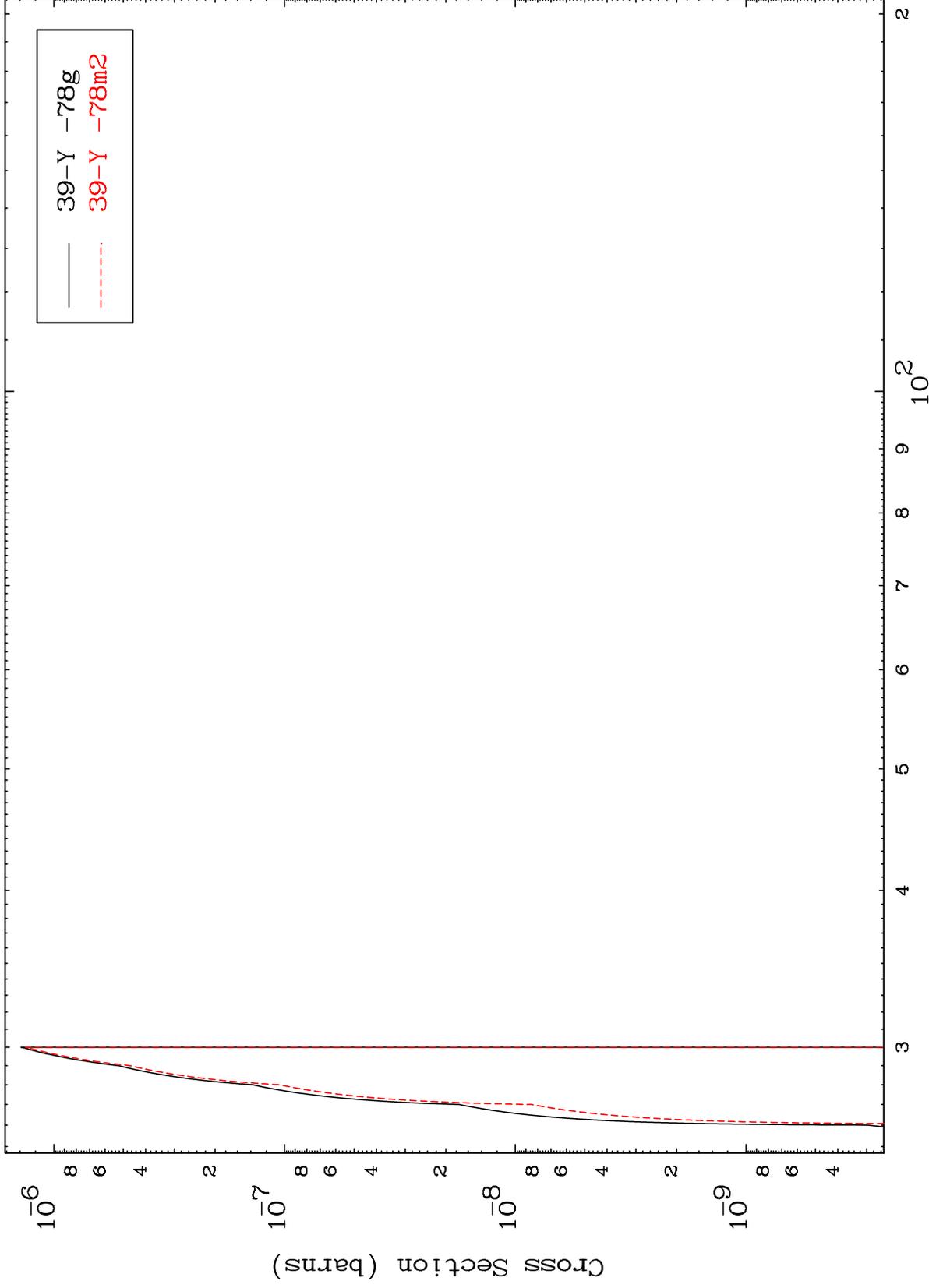
Inelastic
Radionuclide Production Cross Section



MAT 3898

39-Y -80

(n,3n)
Radionuclide Production Cross Section



54

39-Y -80

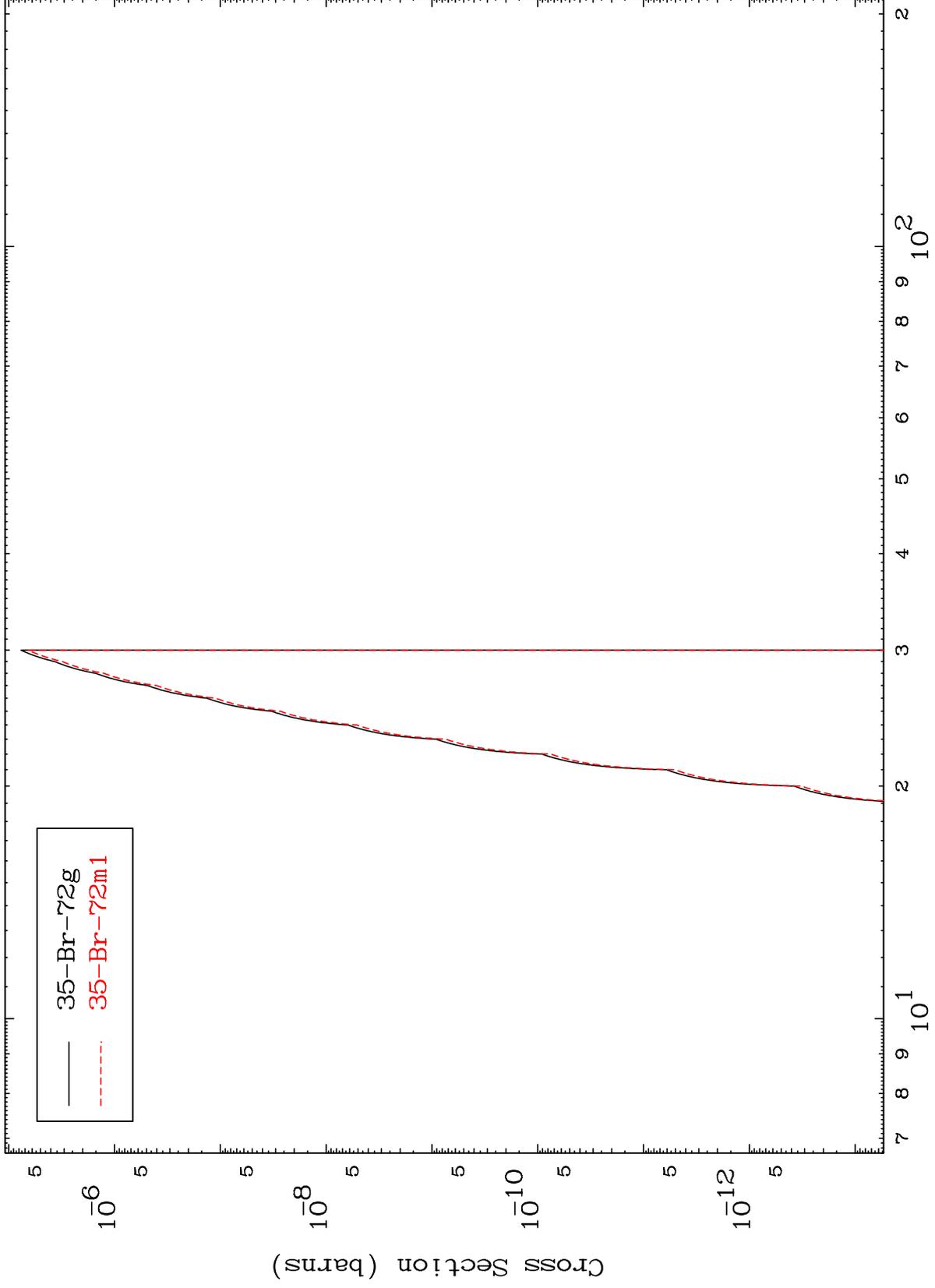
Incident Energy (MeV)

MAT 3898

(n,n') 2α

39-Y -80

Radionuclide Production Cross Section



55

Incident Energy (MeV)

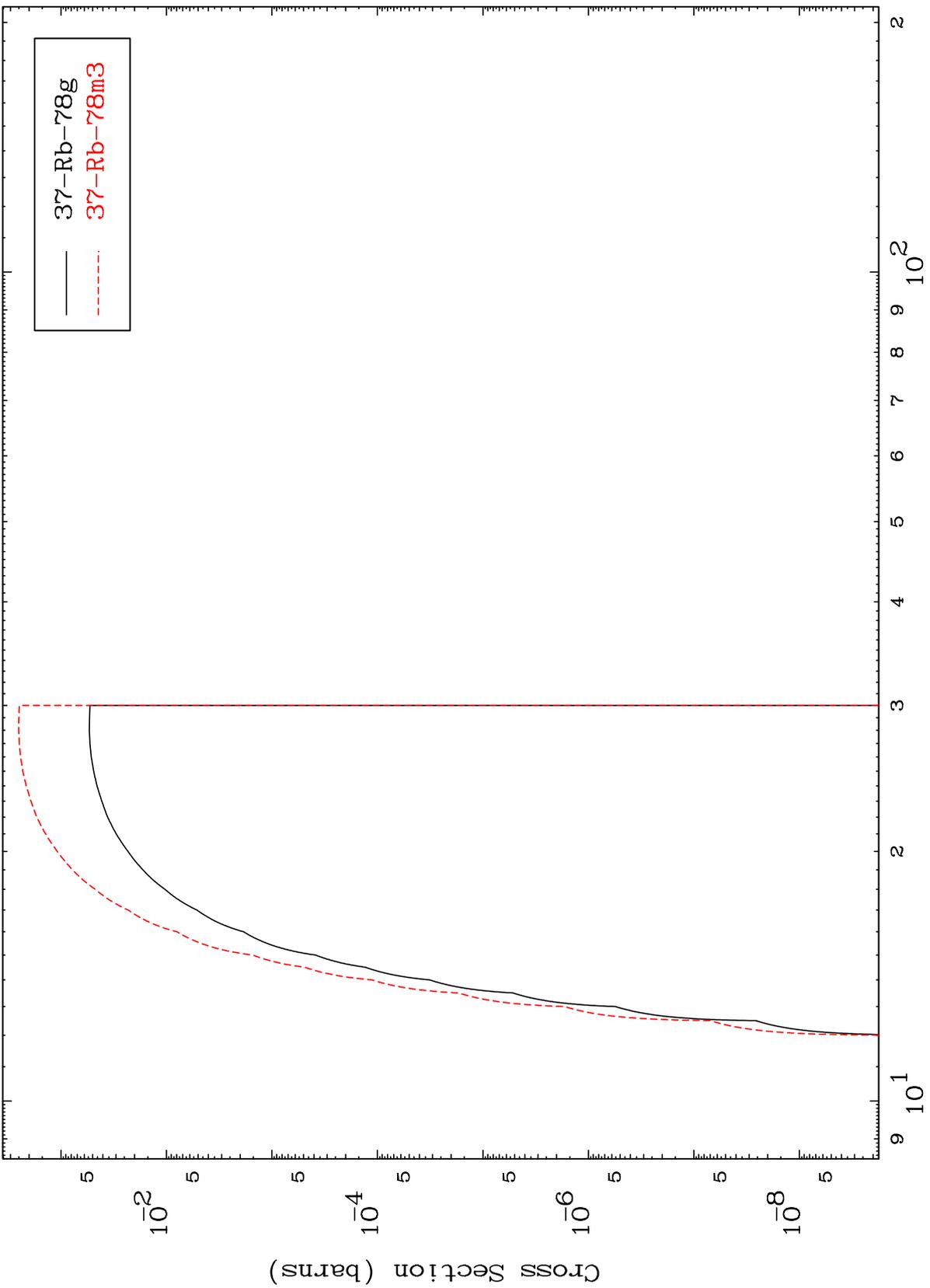
39-Y -80

MAT 3898

(n,2n) p

39-Y -80

Radionuclide Production Cross Section



56

Incident Energy (MeV)

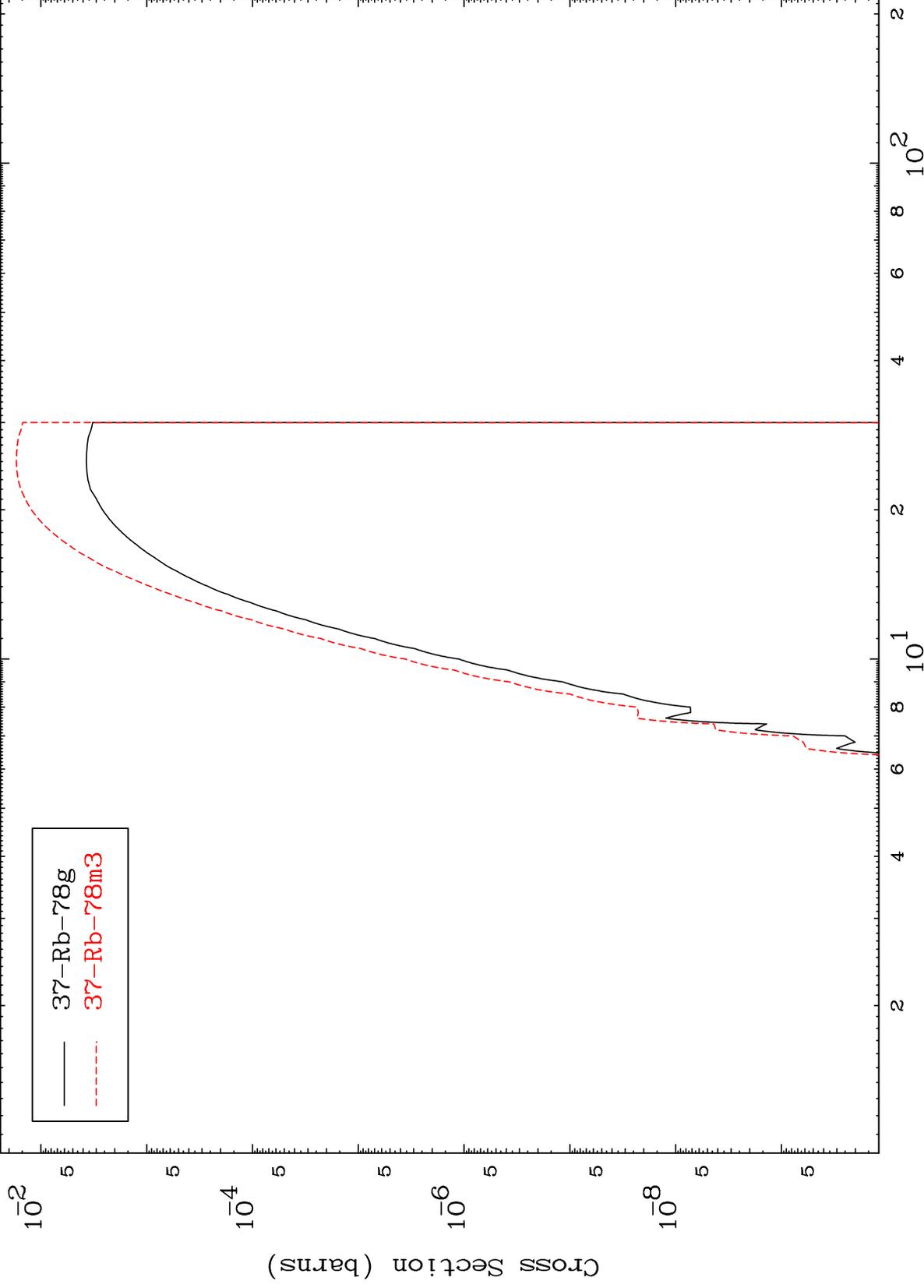
39-Y -80

MAT 3898

(n,He-3)

39-Y -80

Radionuclide Production Cross Section



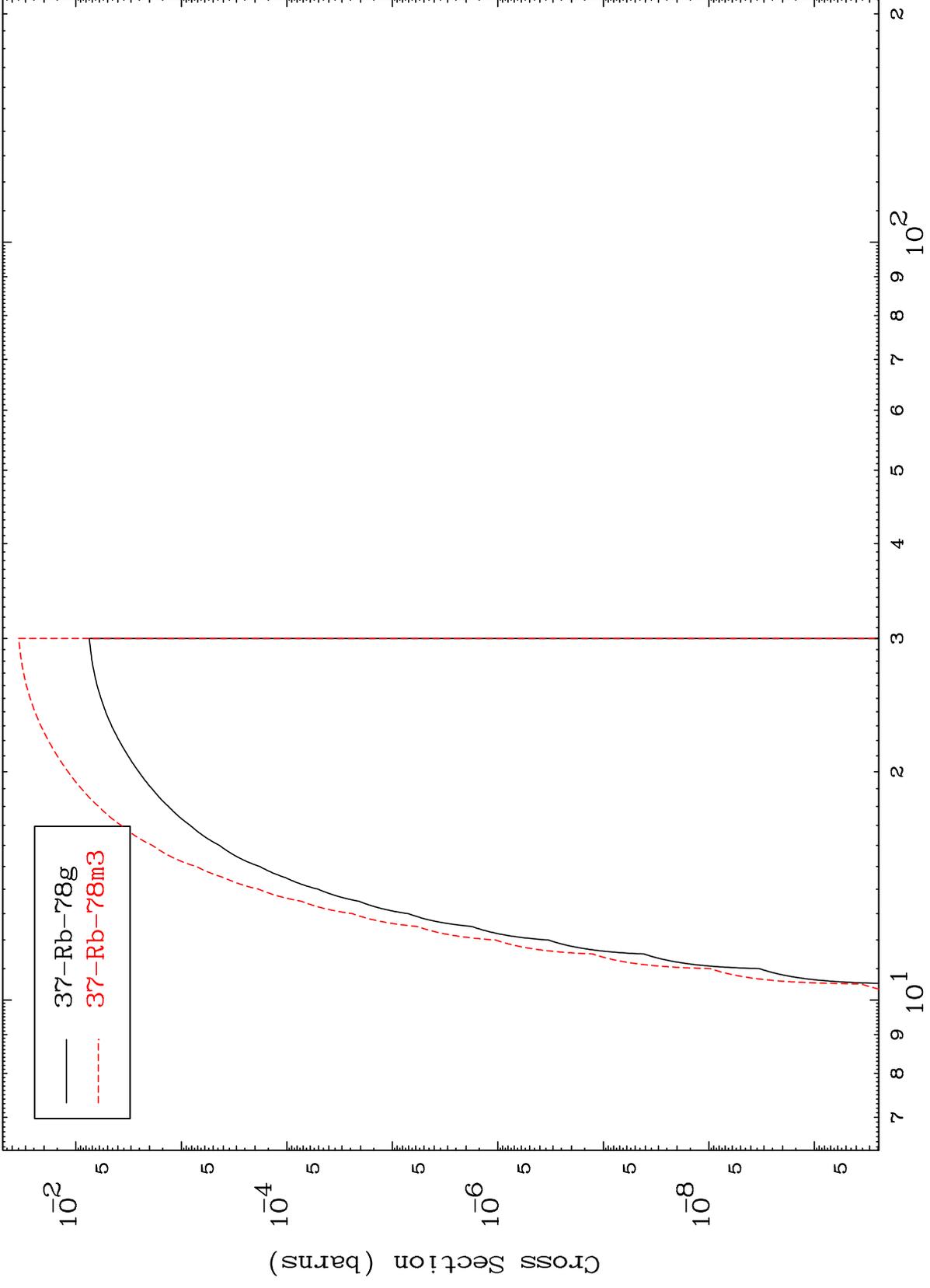
— 37-Rb-78g
- - - 37-Rb-78m3

57

Incident Energy (MeV)

39-Y -80

Radionuclide Production Cross Section



— 37-Rb-78g
- - - 37-Rb-78m3