

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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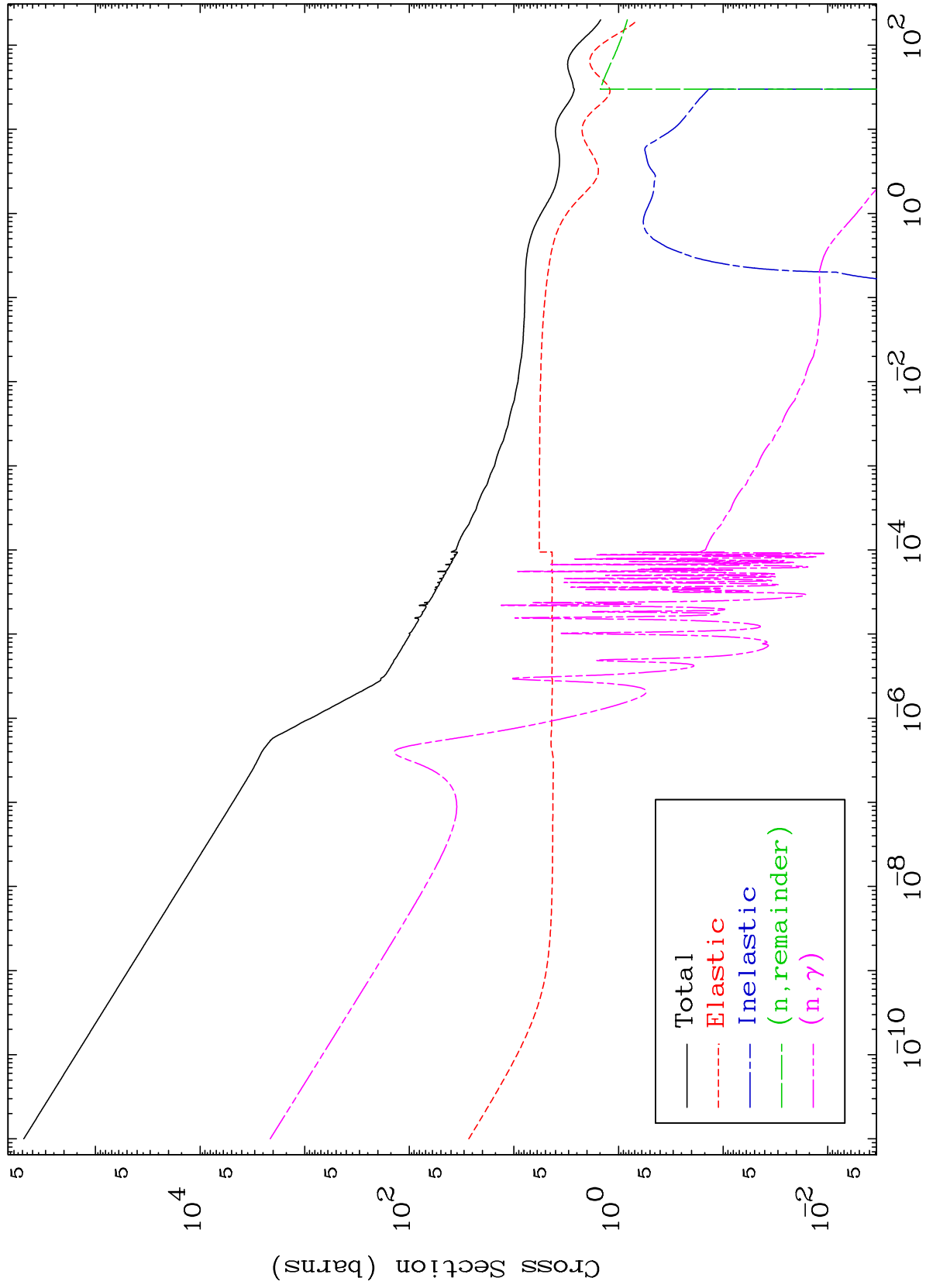
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

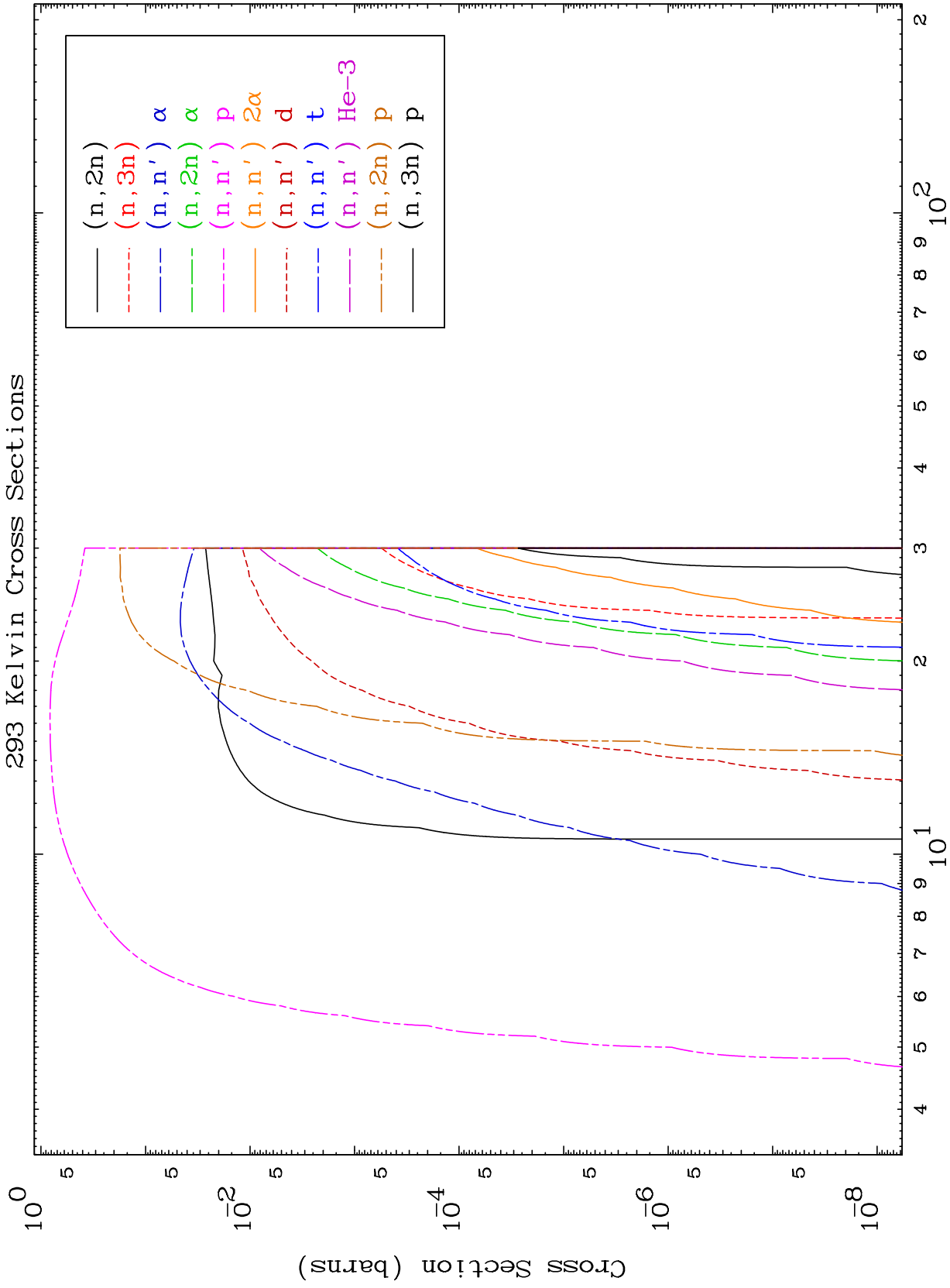
Press Mouse Button to Start

MAT 3904

Major  
293 Kelvin Cross Sections

39-Y -82

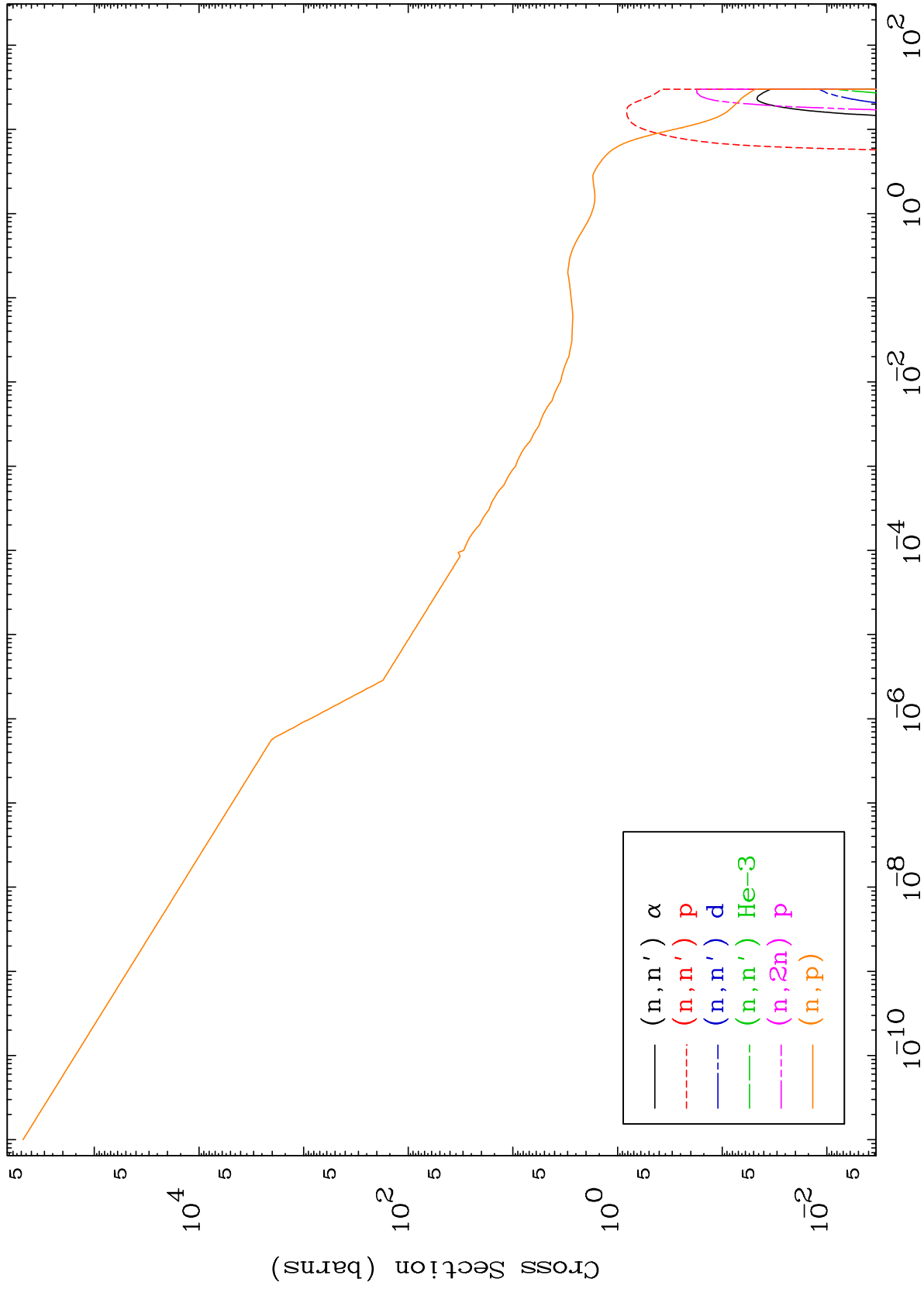




MAT 3904

Charged Particle  
293 Kelvin Cross Sections

39-Y -82



3

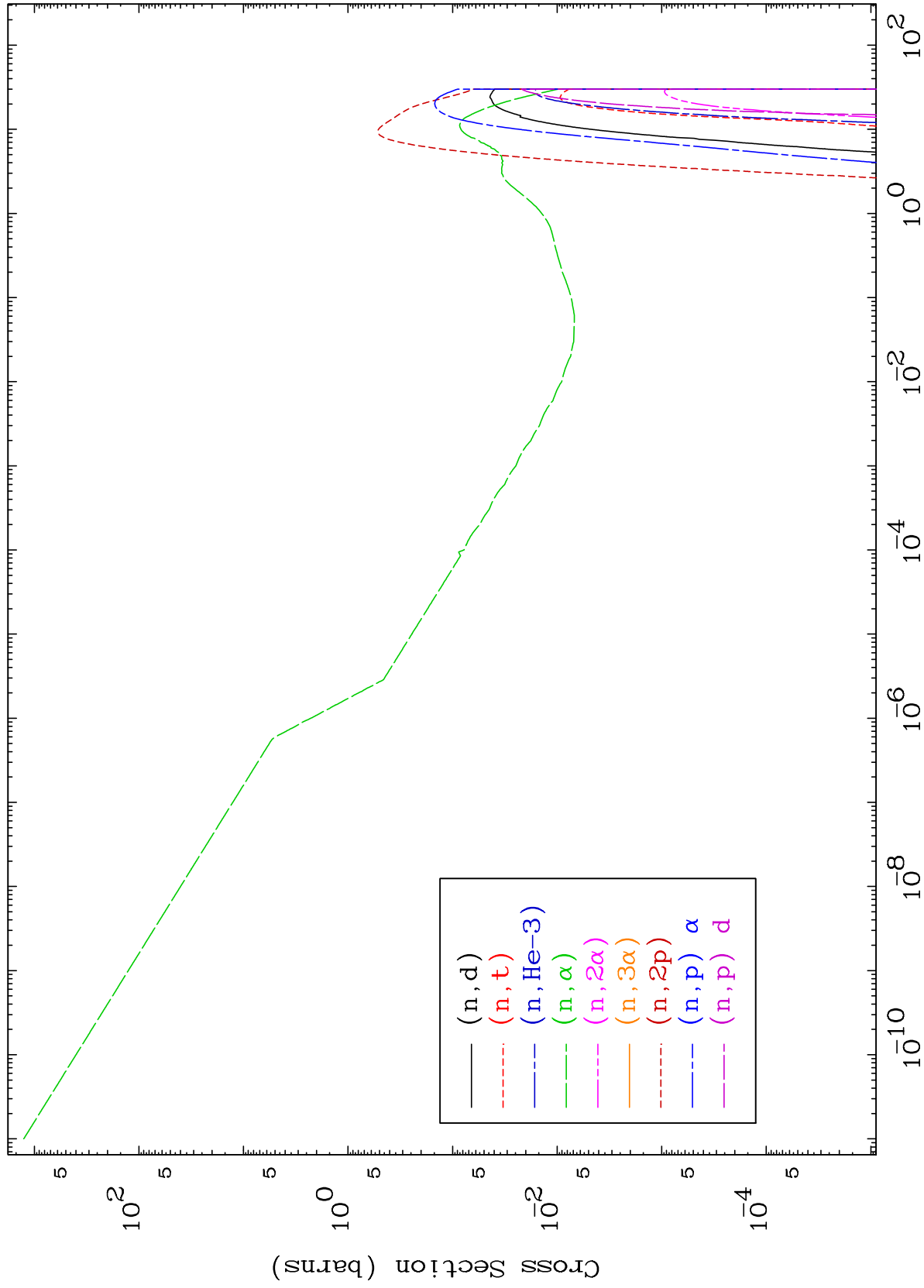
Incident Energy (MeV)

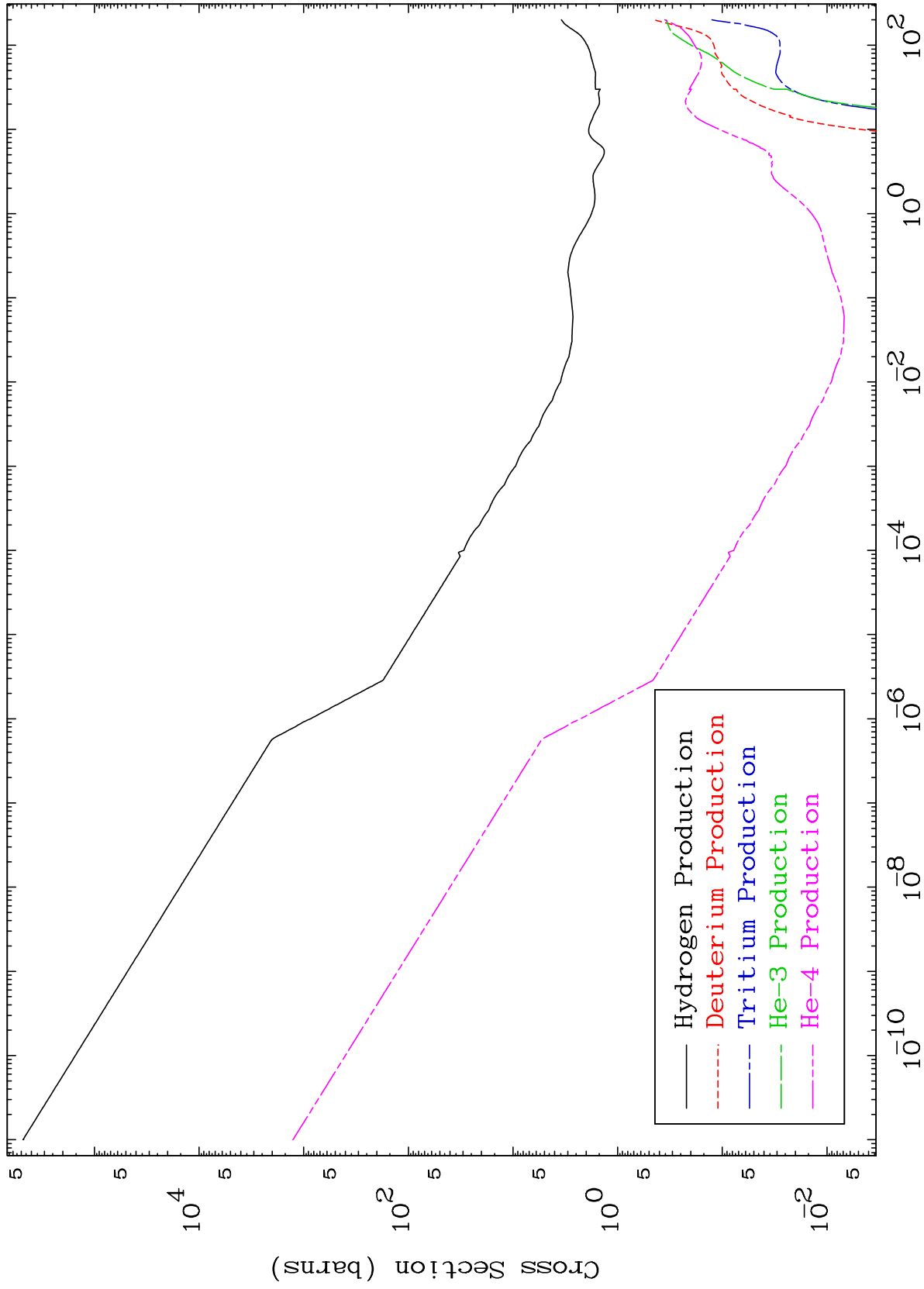
39-Y -82

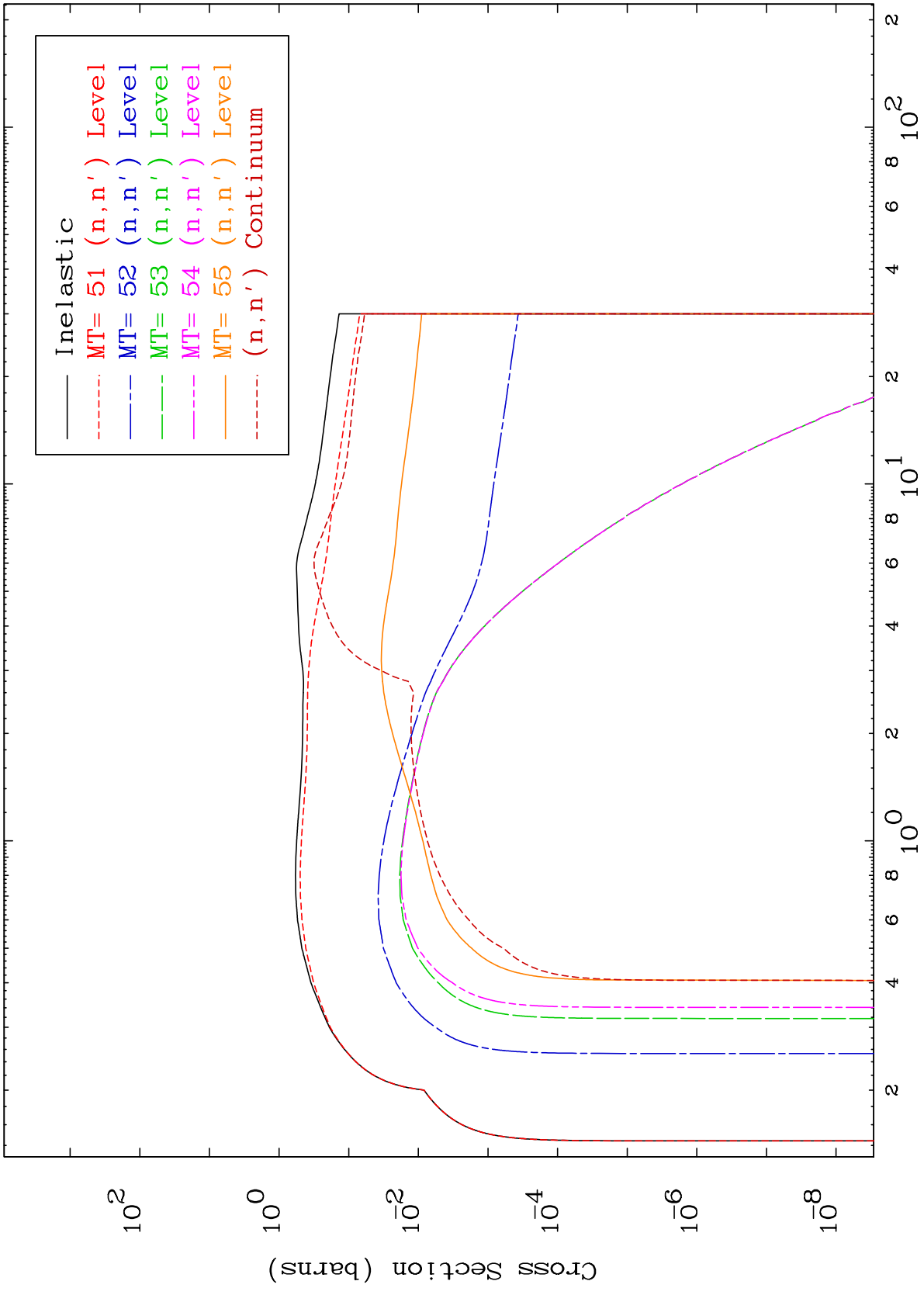
MAT 3904

Charged Particle  
293 Kelvin Cross Sections

39-Y -82



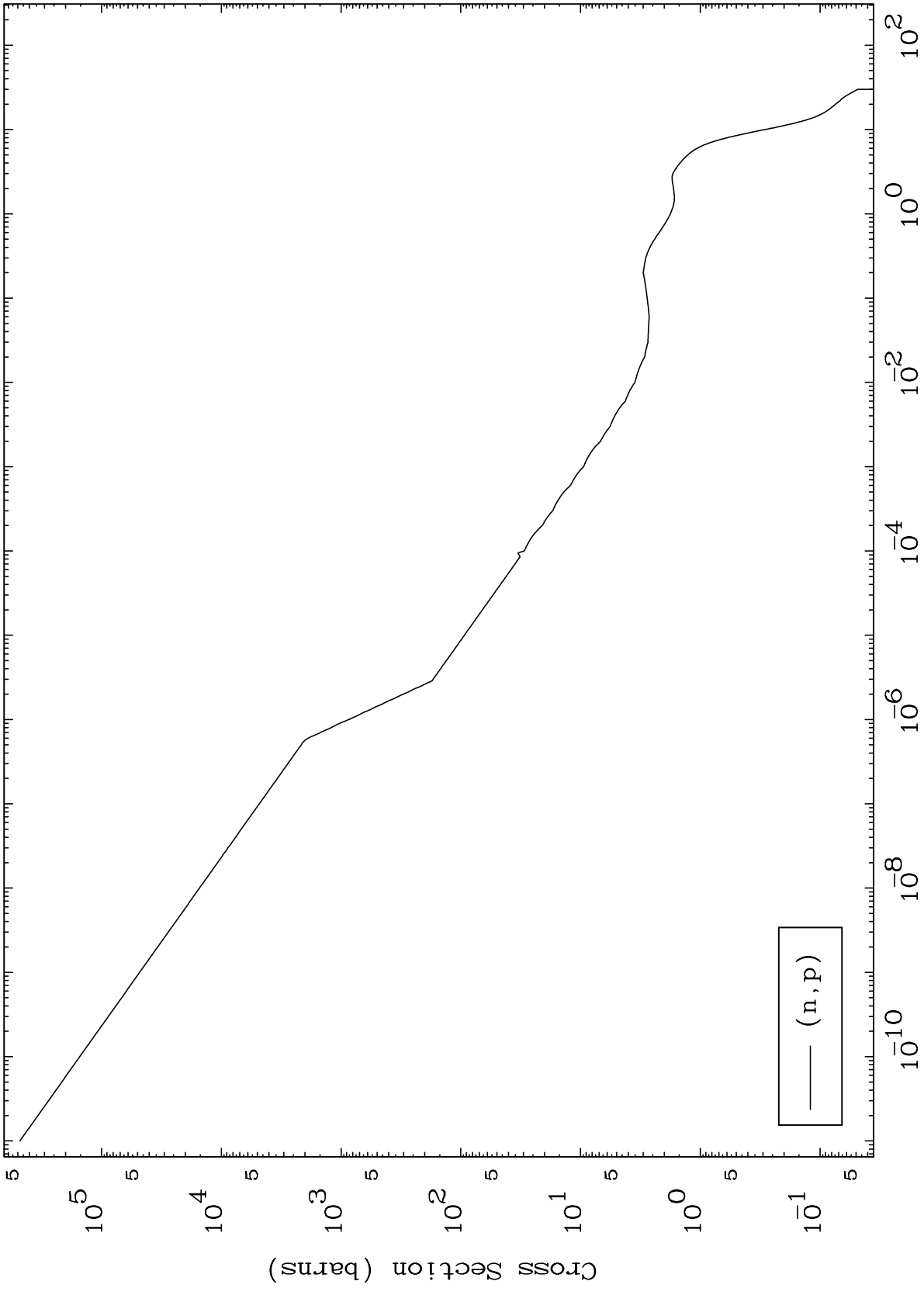




MAT 3904

(n,p) Levels  
293 Kelvin Cross Sections

39-Y -82



— (n, p)

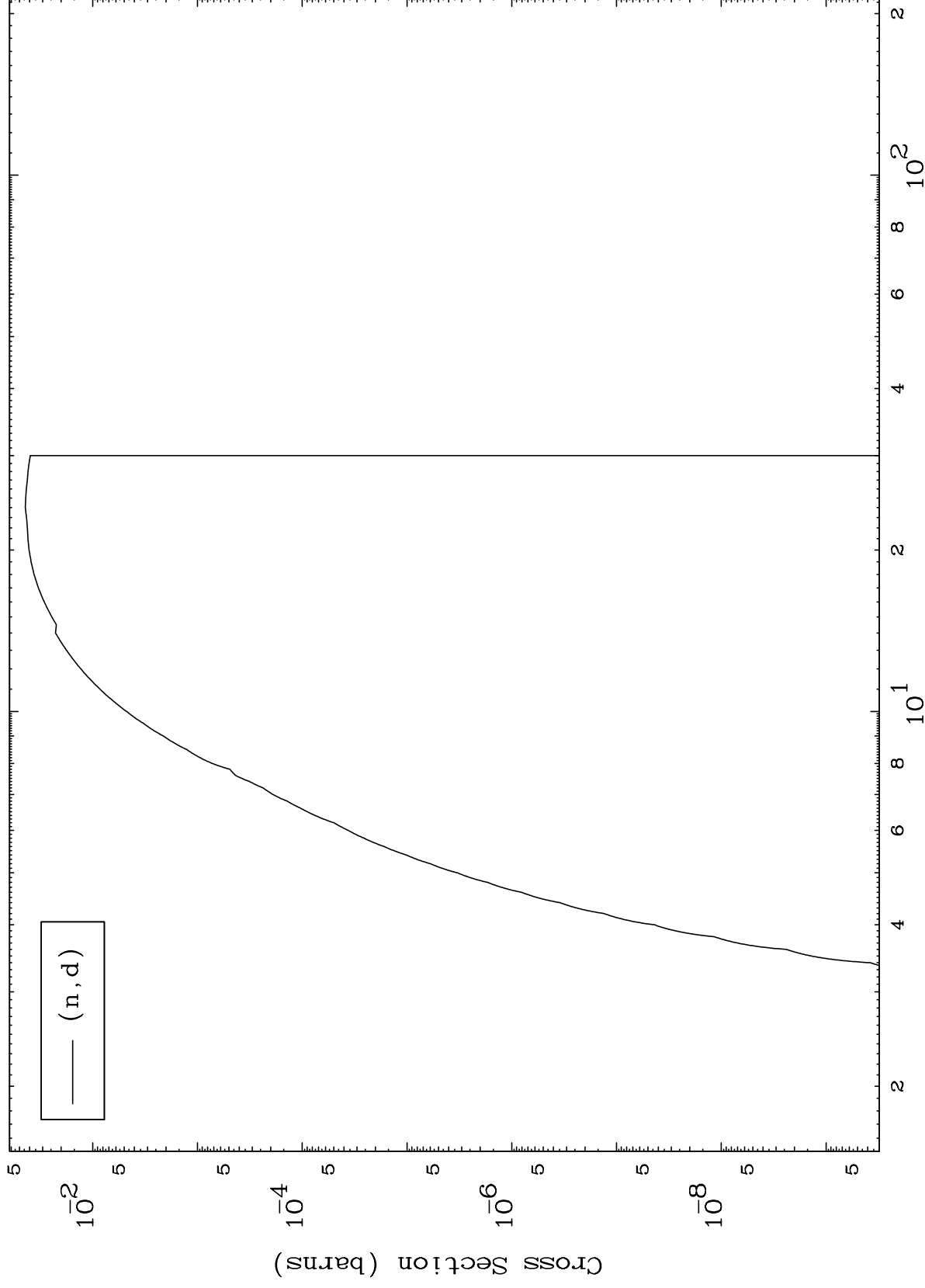
39-Y -82



MAT 3904

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -82



8

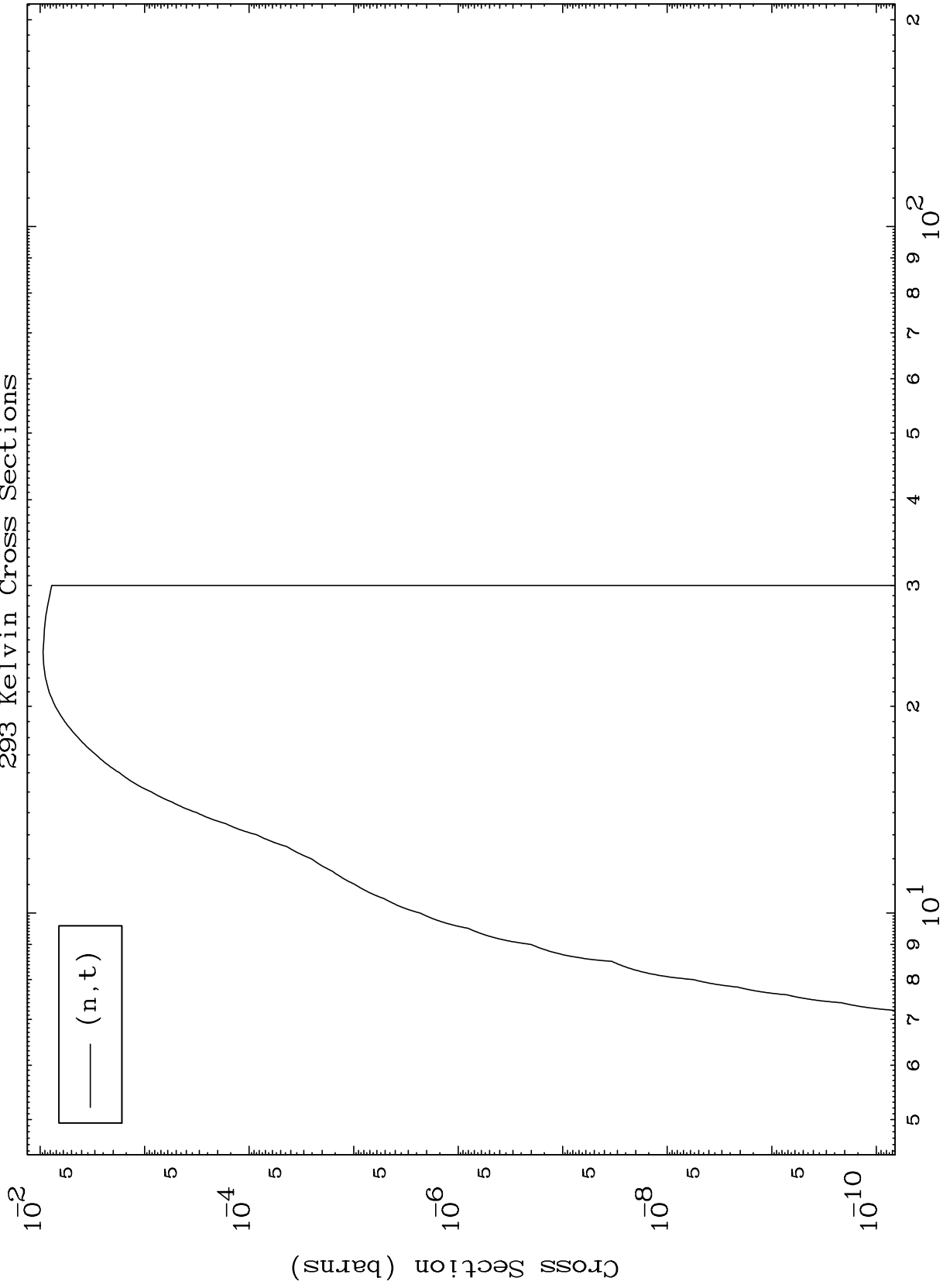
Incident Energy (MeV)

39-Y -82

MAT 3904

(n,t) Levels  
293 Kelvin Cross Sections

39-Y -82



9

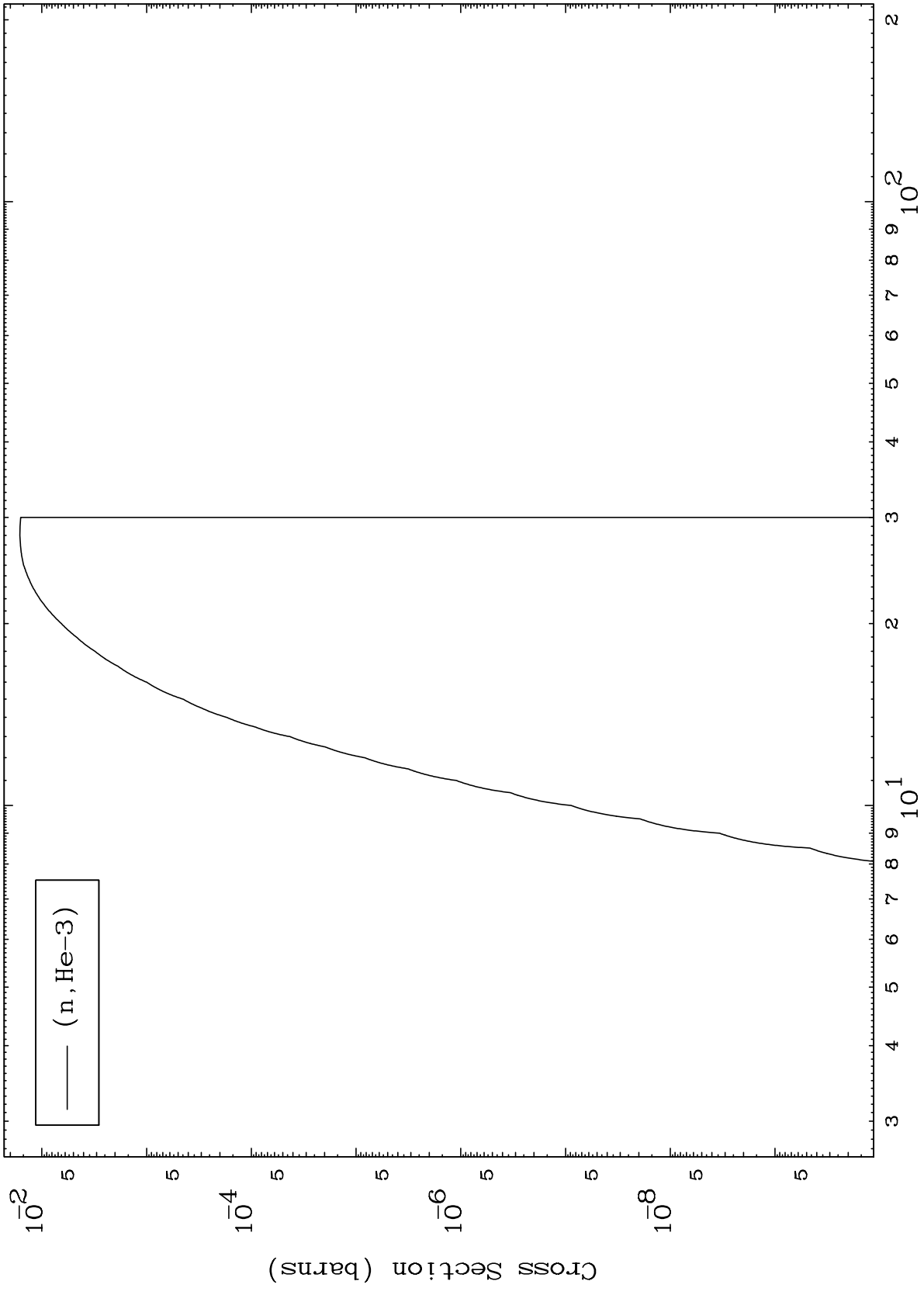
Incident Energy (MeV)

39-Y -82

MAT 3904

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -82



10

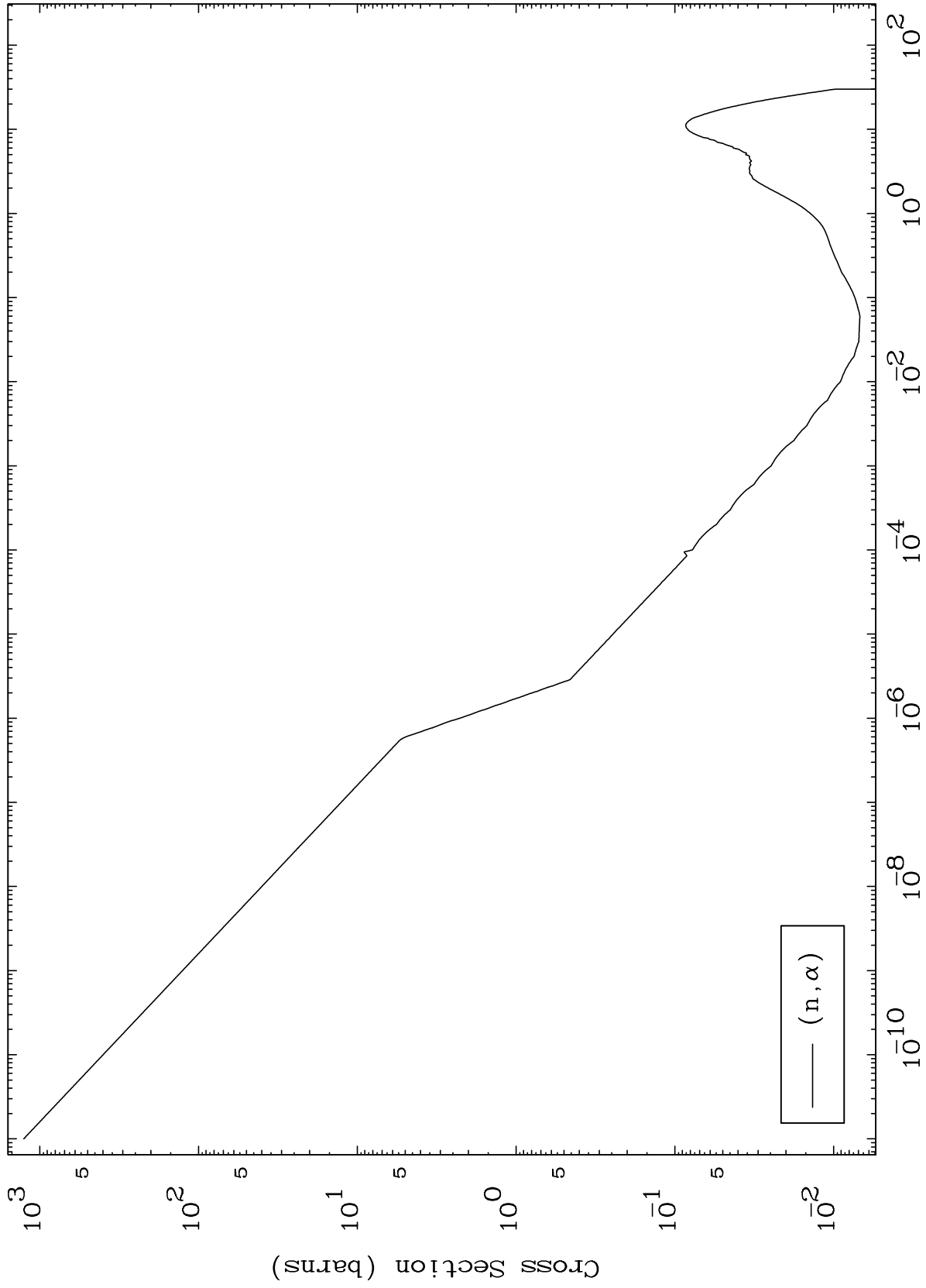
Incident Energy (MeV)

39-Y -82

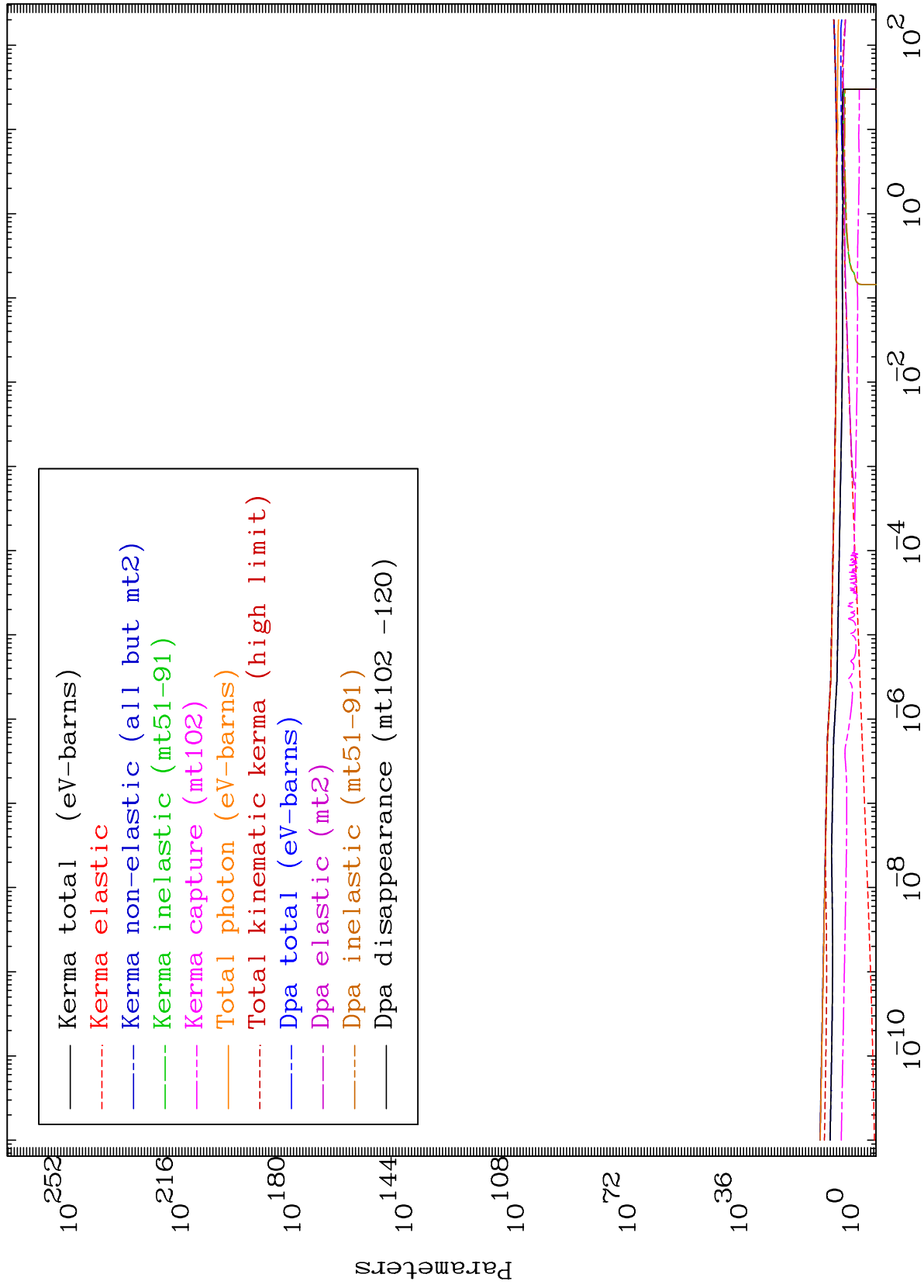
MAT 3904

(n,α) Levels  
293 Kelvin Cross Sections

39-Y -82



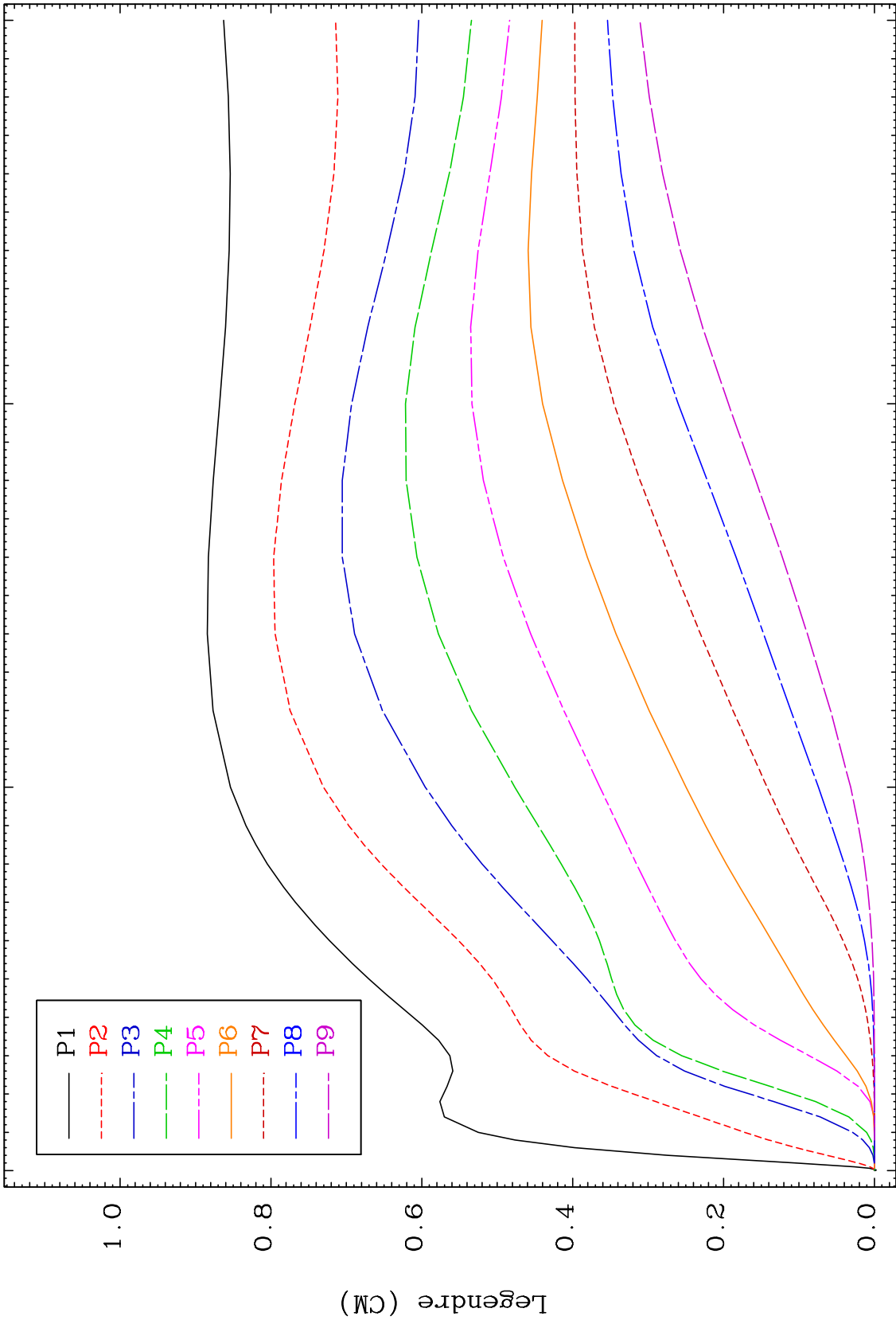
— (n,α)



MAT 3904

Elastic Legendre Coefficients

39-Y -82



13

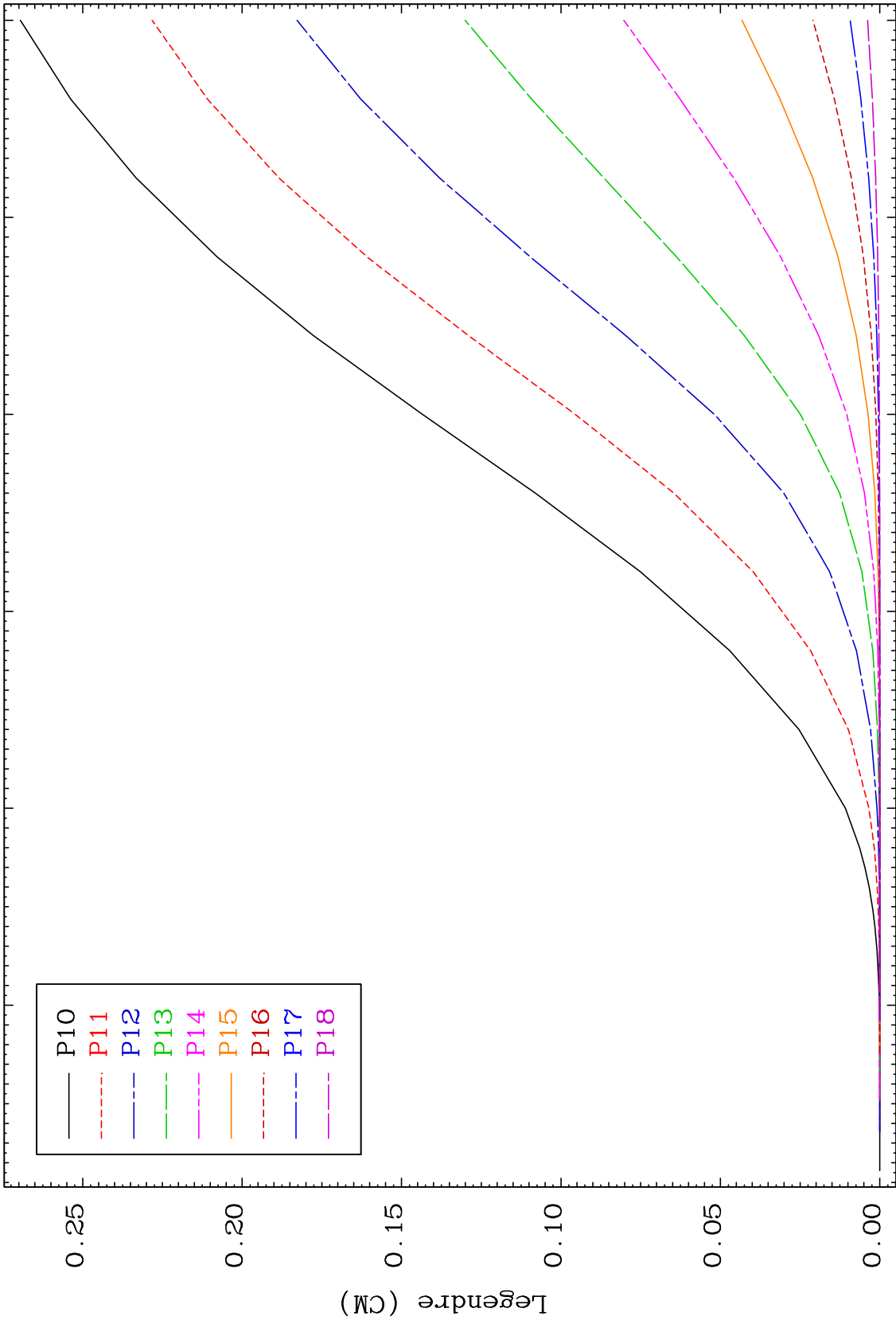
Incident Energy (MeV)

39-Y -82

MAT 3904

Elastic Legendre Coefficients

39-Y -82



14

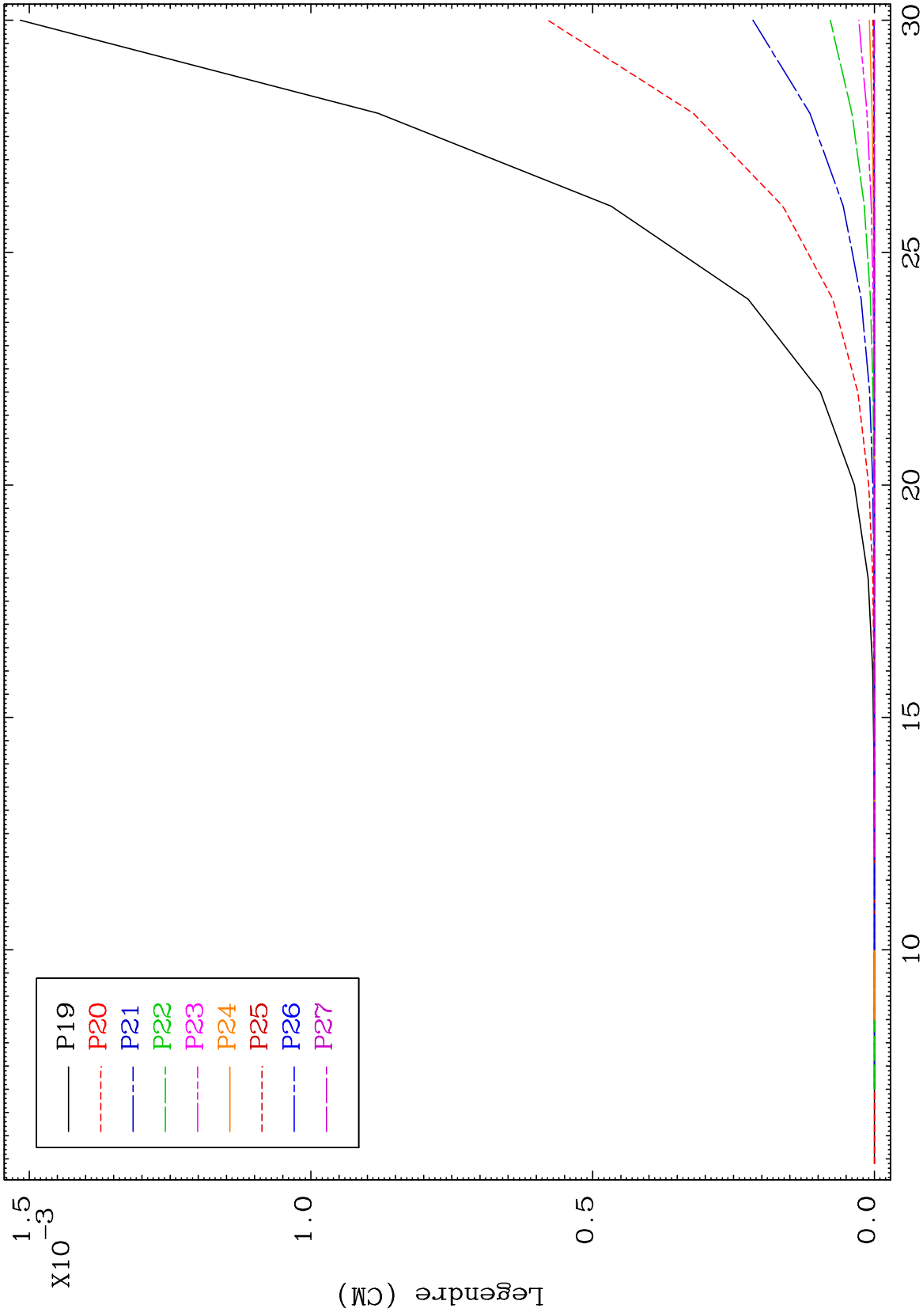
Incident Energy (MeV)

39-Y -82

MAT 3904

### Elastic Legendre Coefficients

39-Y -82



15

Incident Energy (MeV)

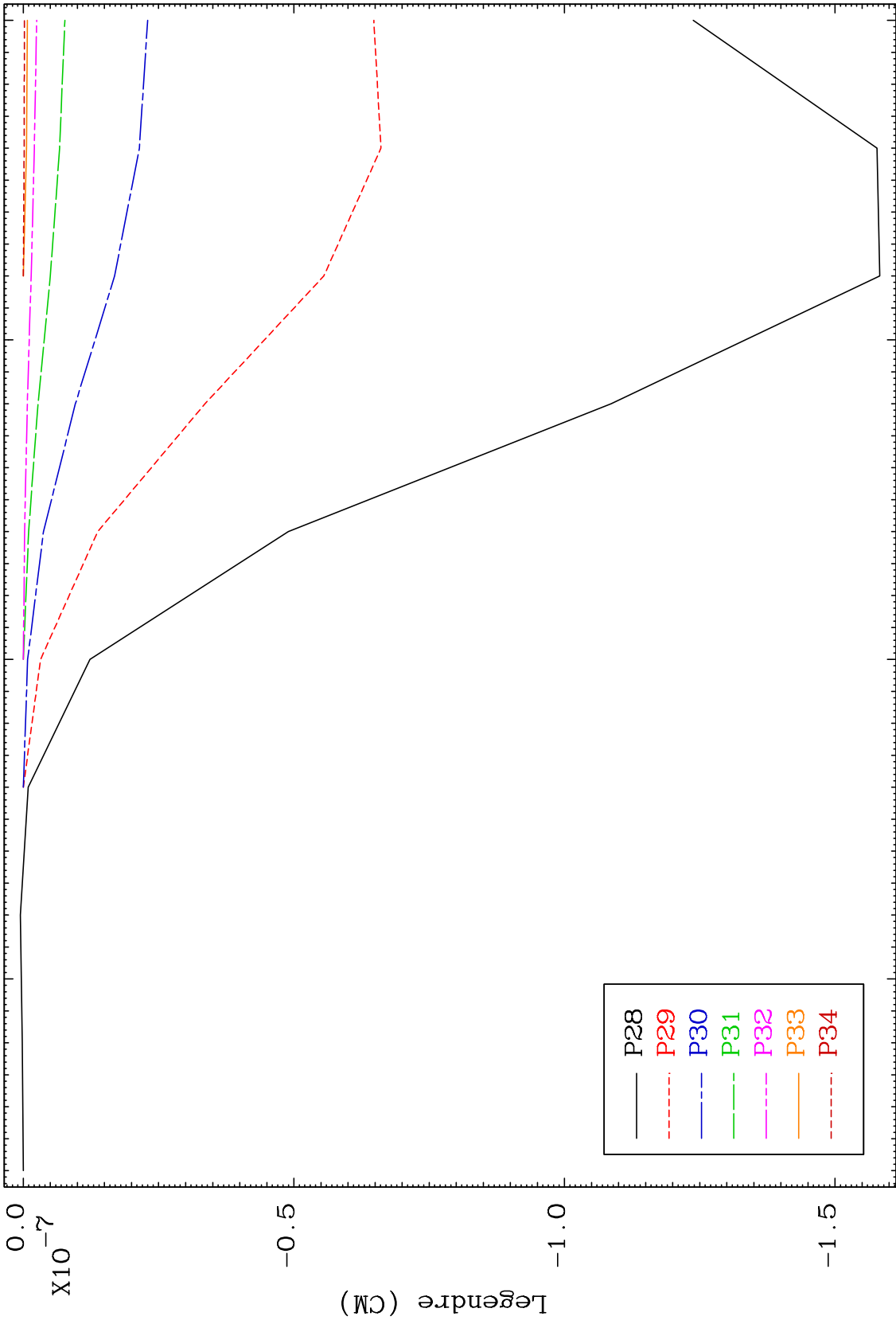
39-Y -82



MAT 3904

Elastic Legendre Coefficients

39-Y -82



16

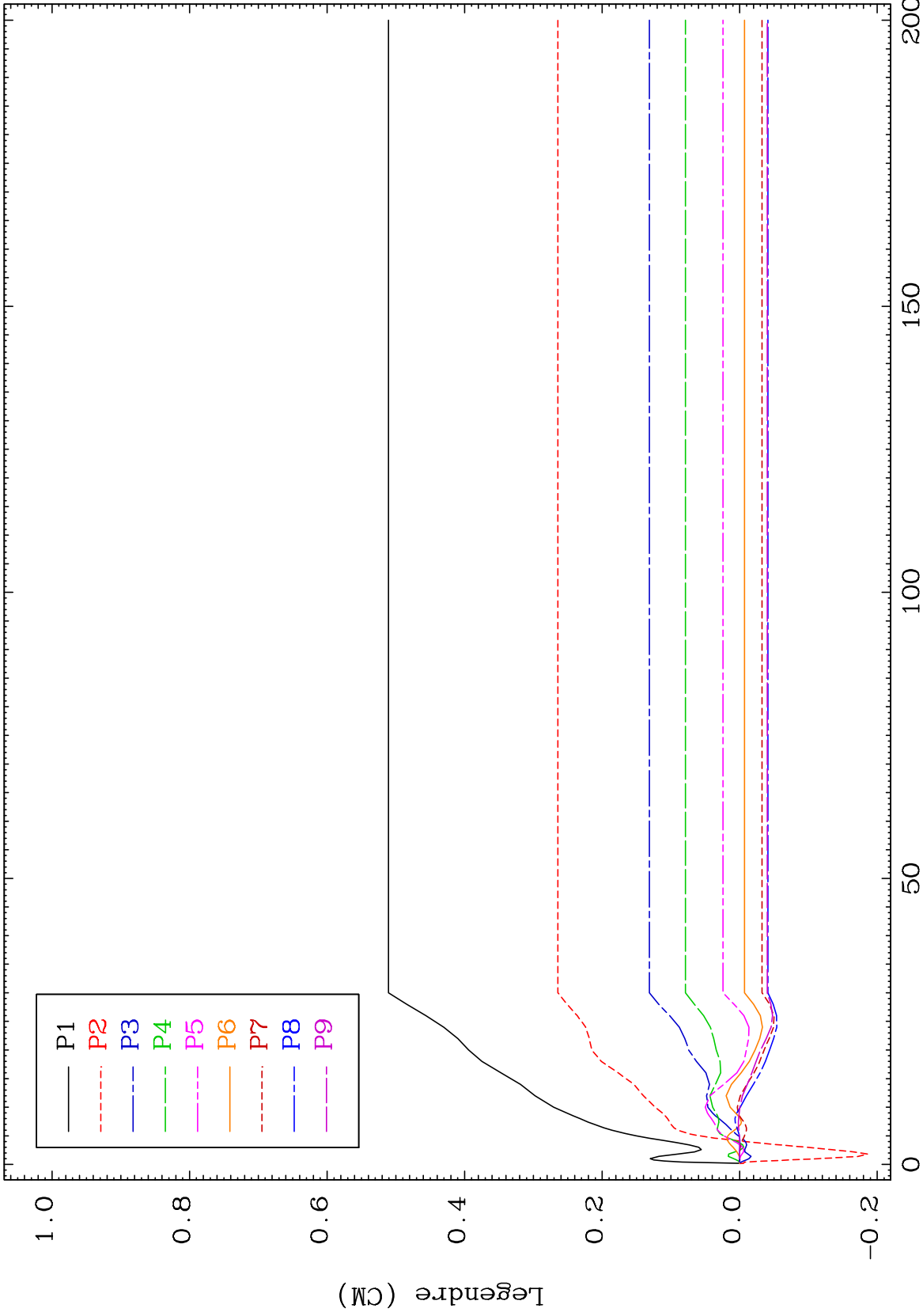
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



17

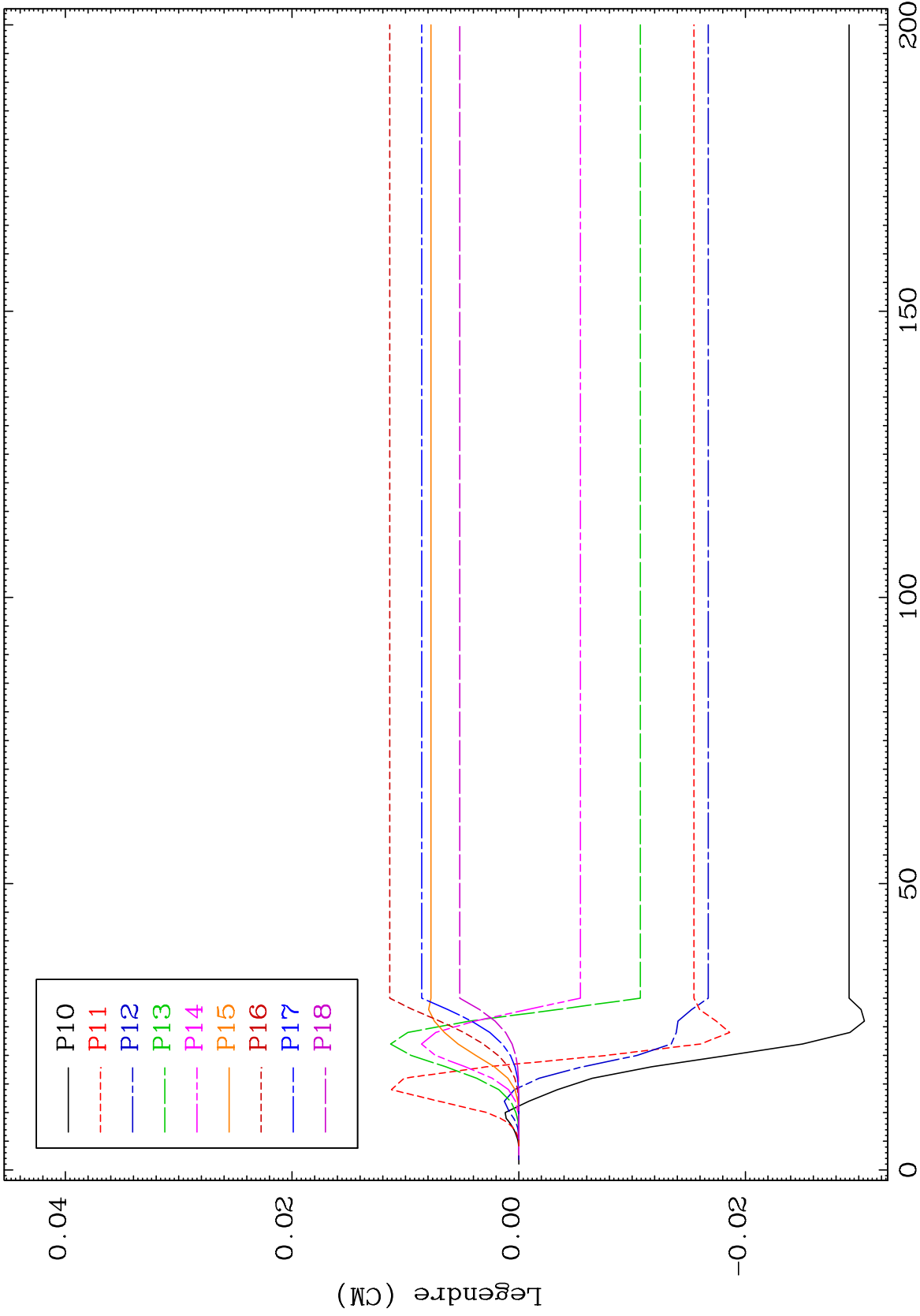
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



18

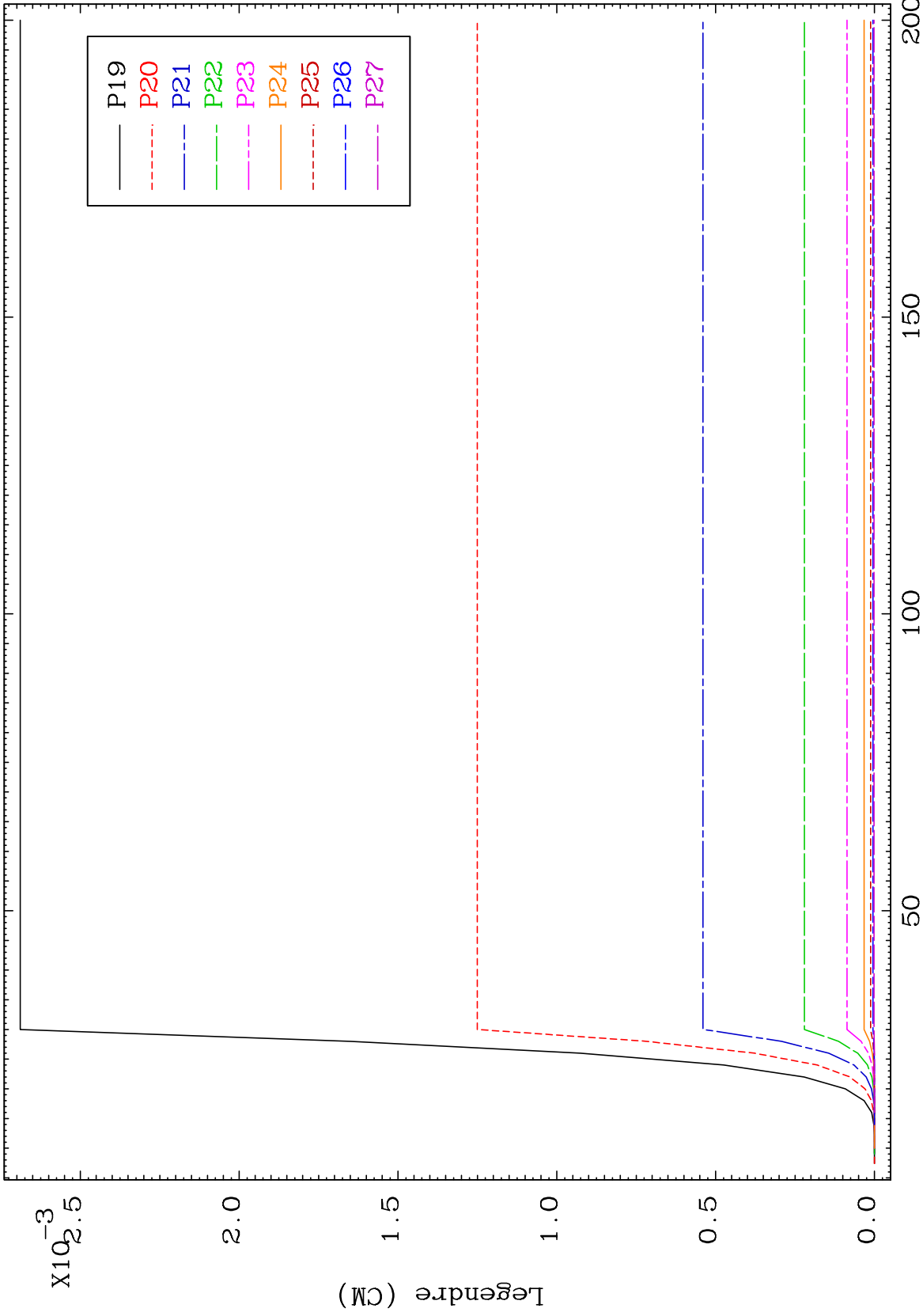
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



19

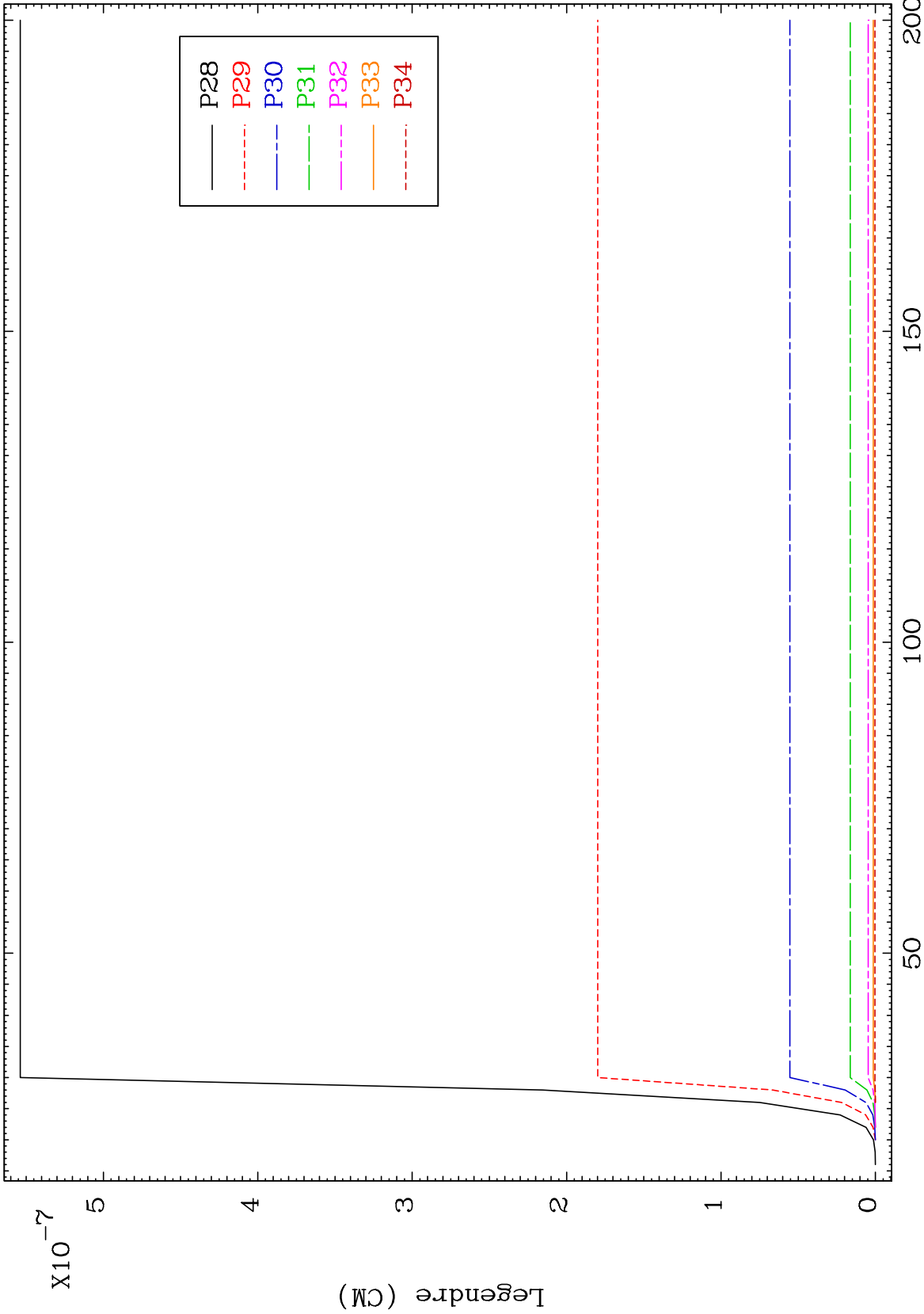
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



20

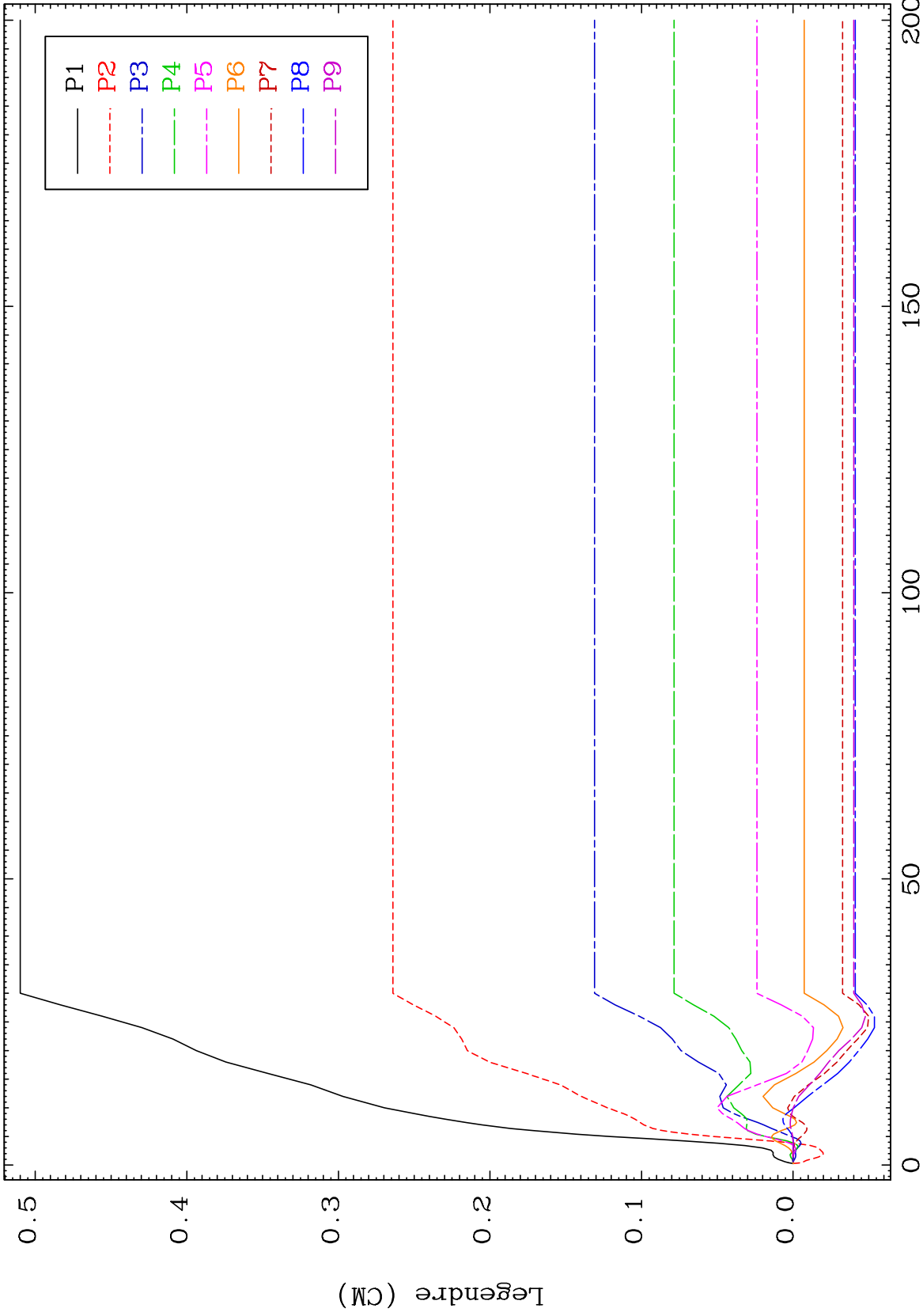
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



21

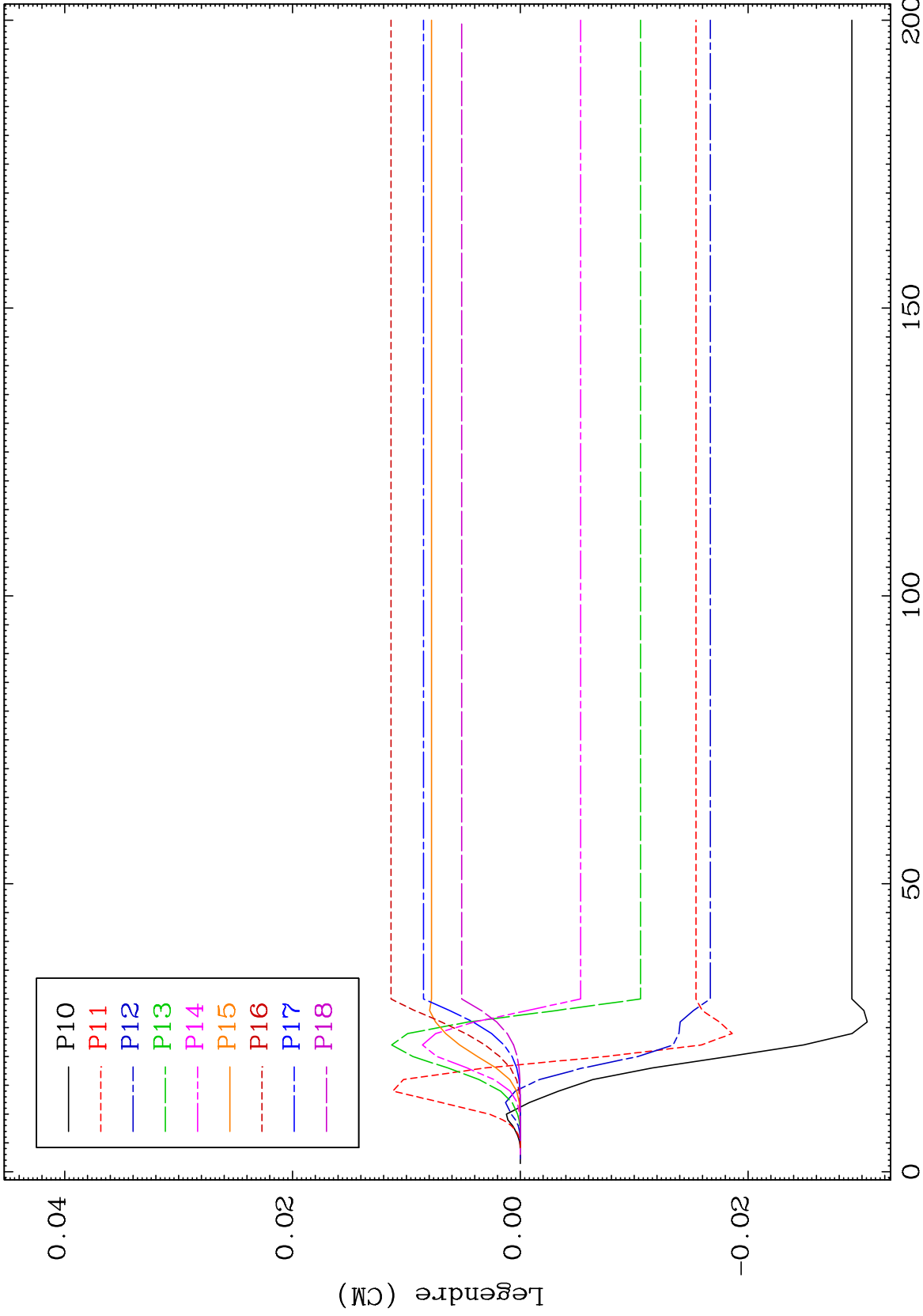
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



22

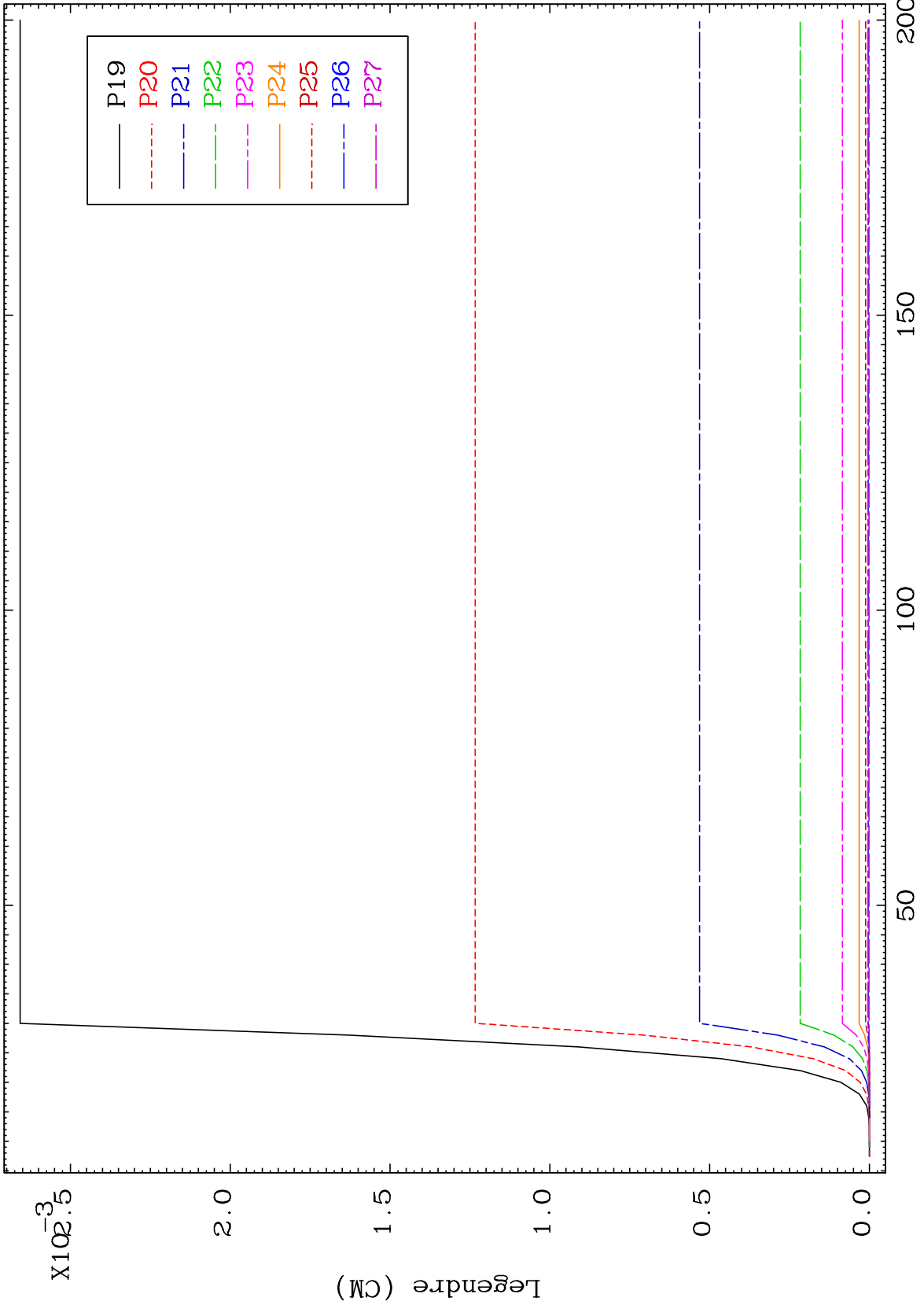
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



23

Incident Energy (MeV)

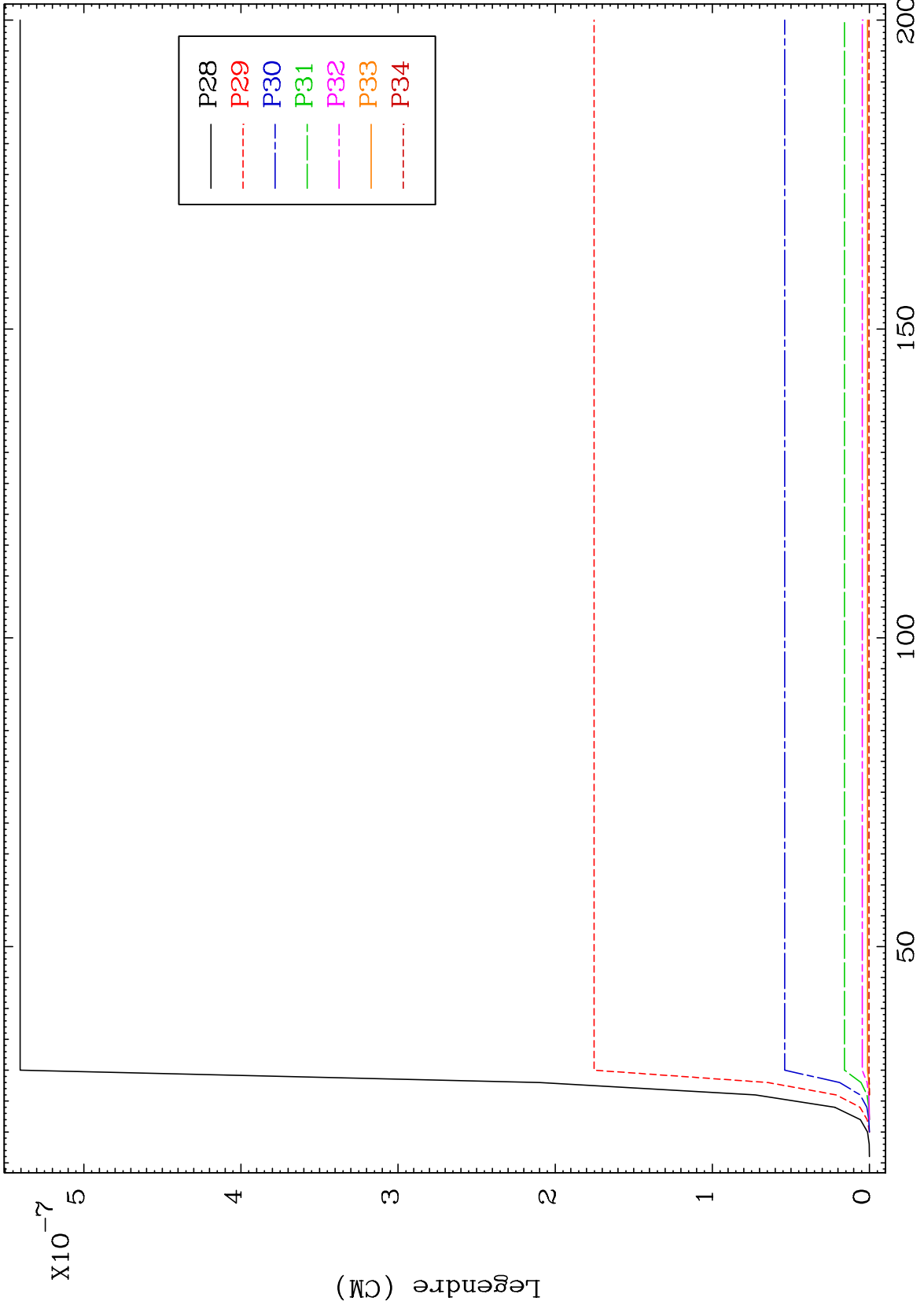
39-Y -82



MAT 3904

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

39-Y -82



24

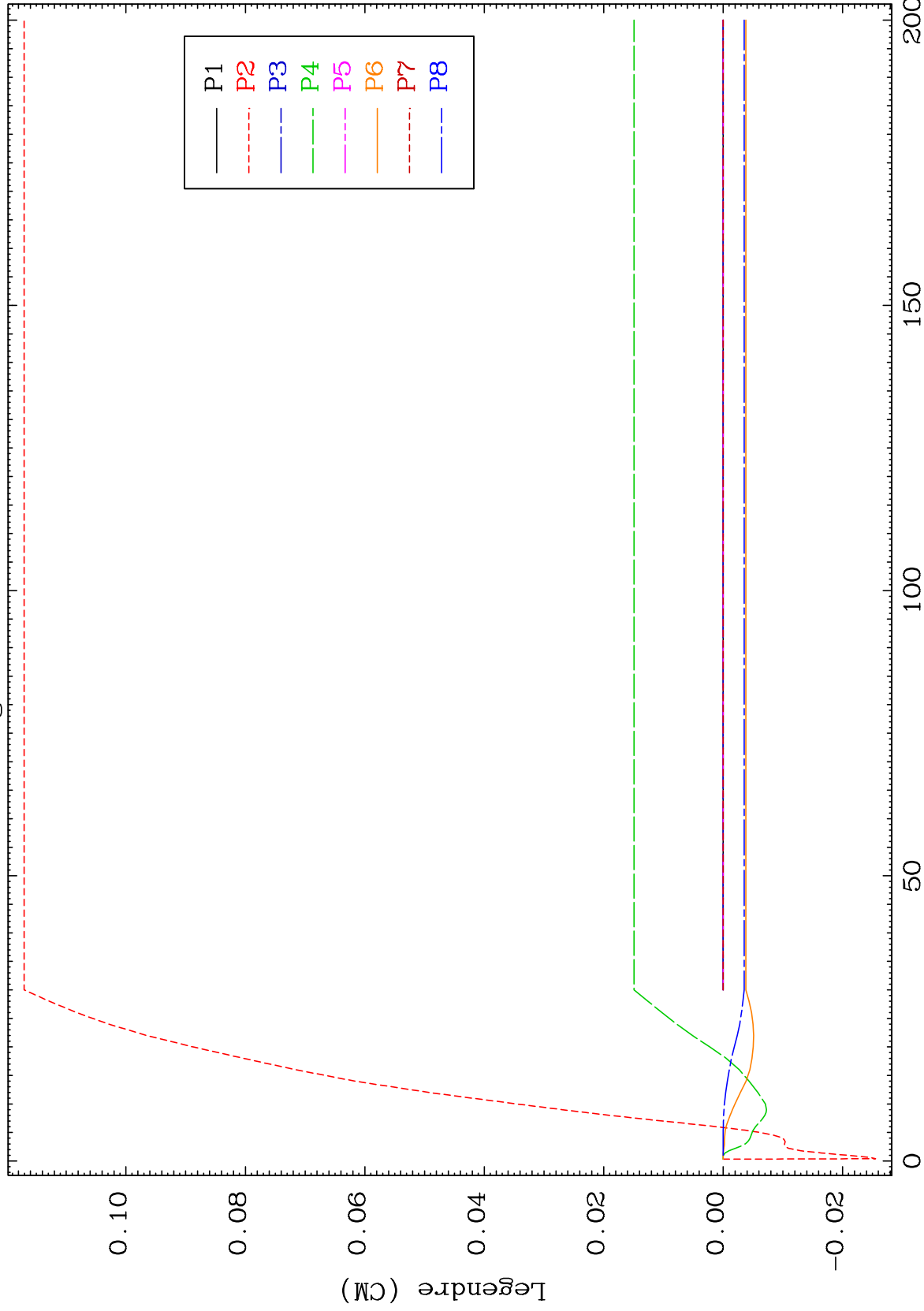
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82

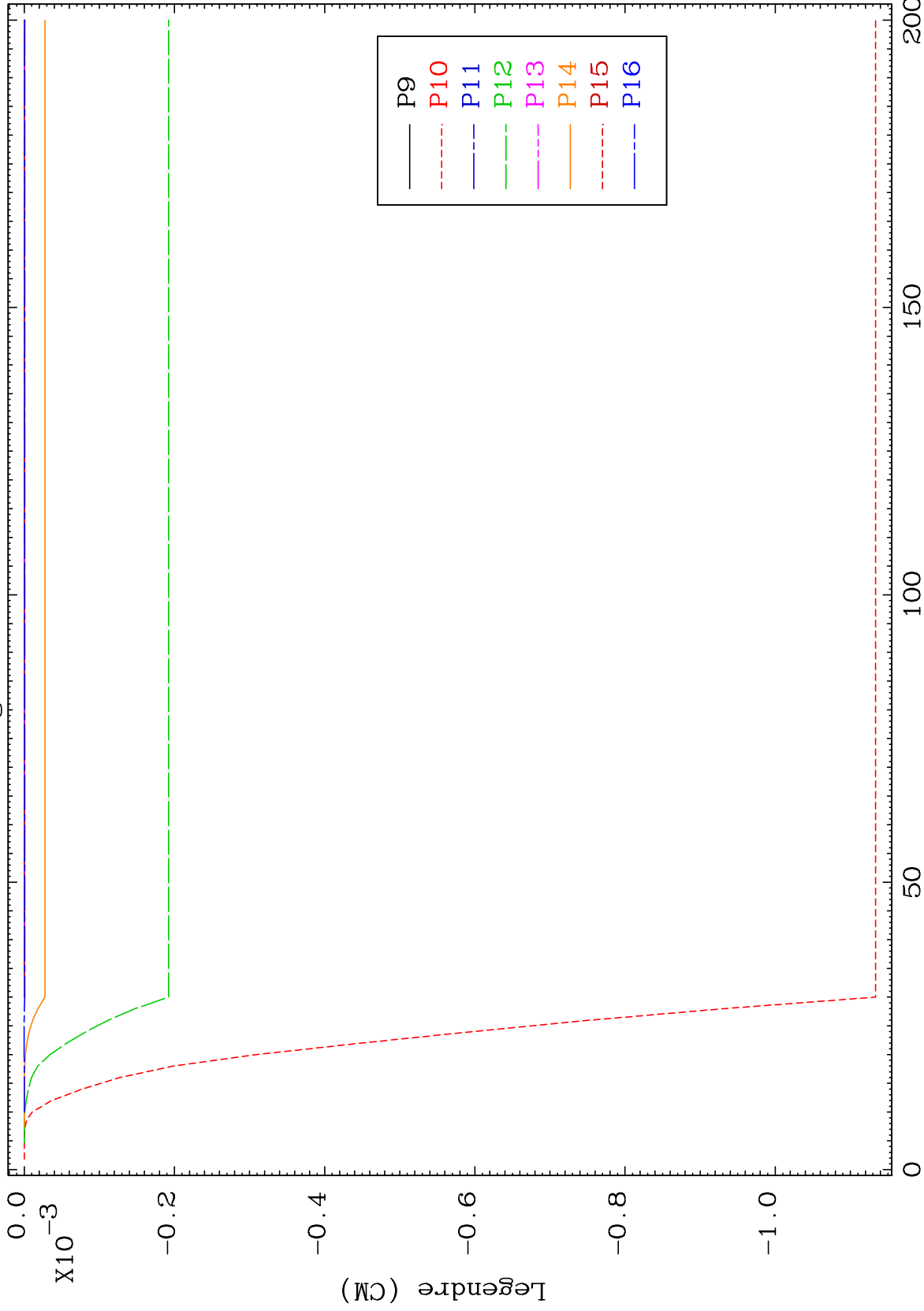


39-Y -82

MAT 3904

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

39-Y -82



26

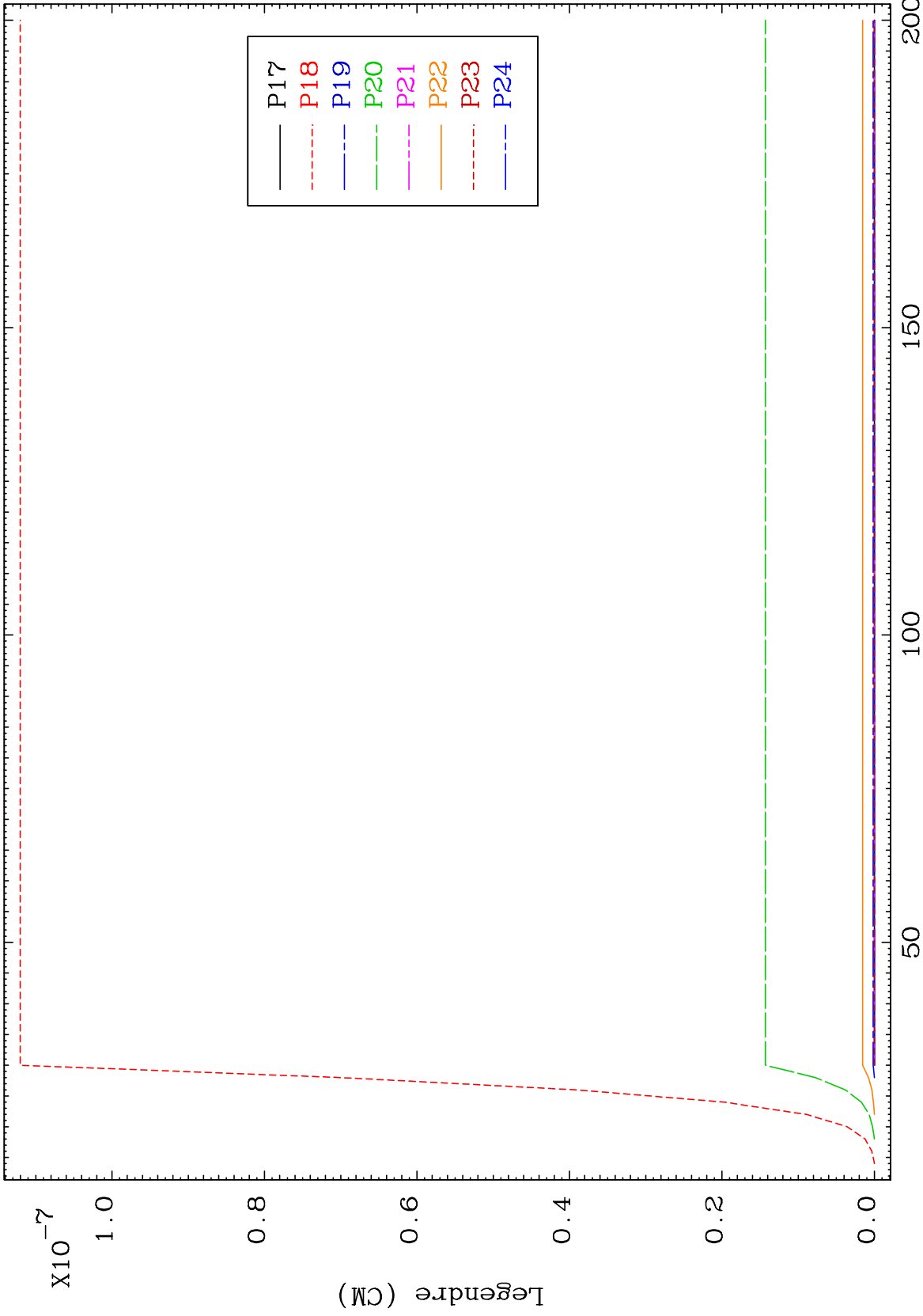
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



27

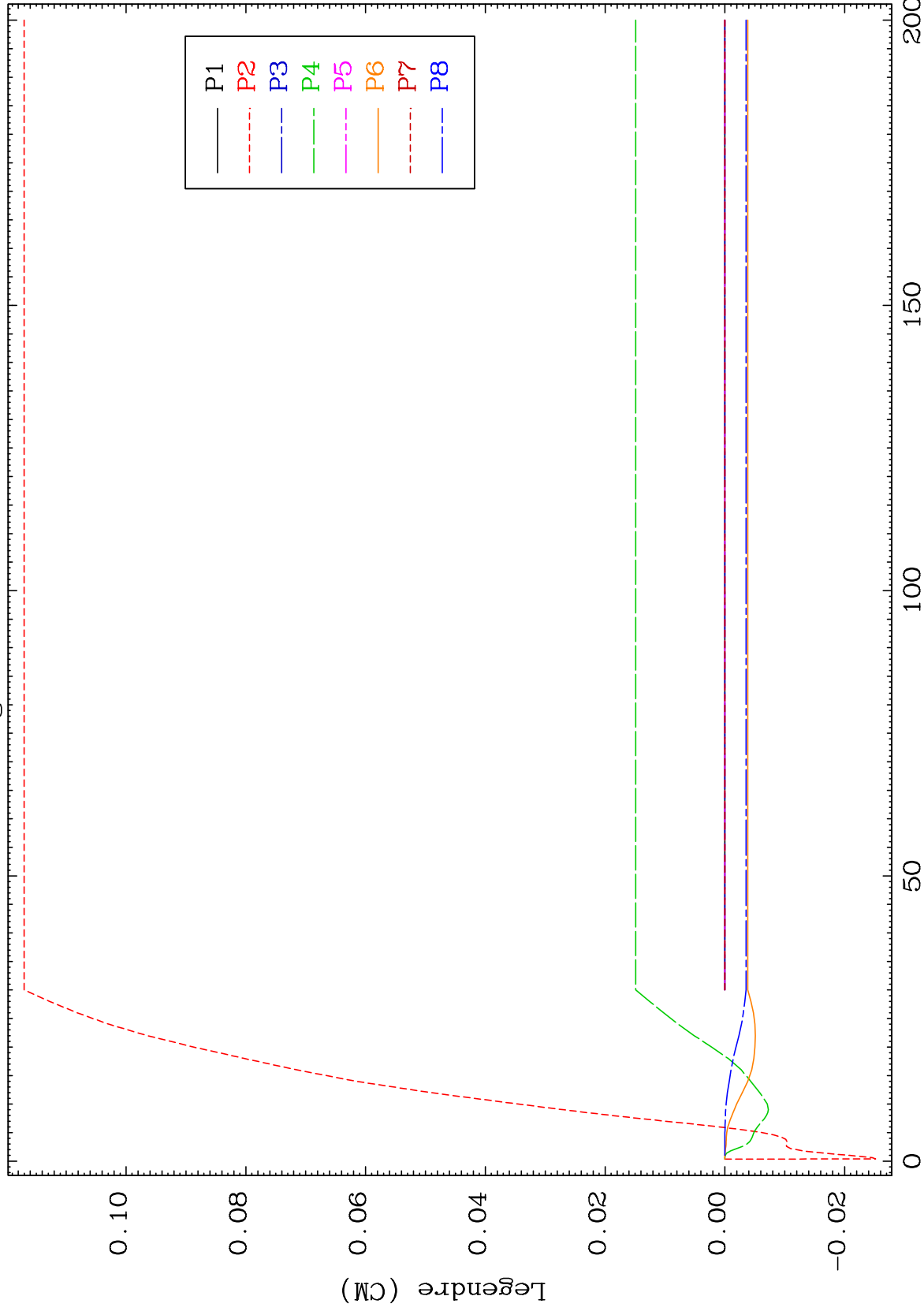
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



28

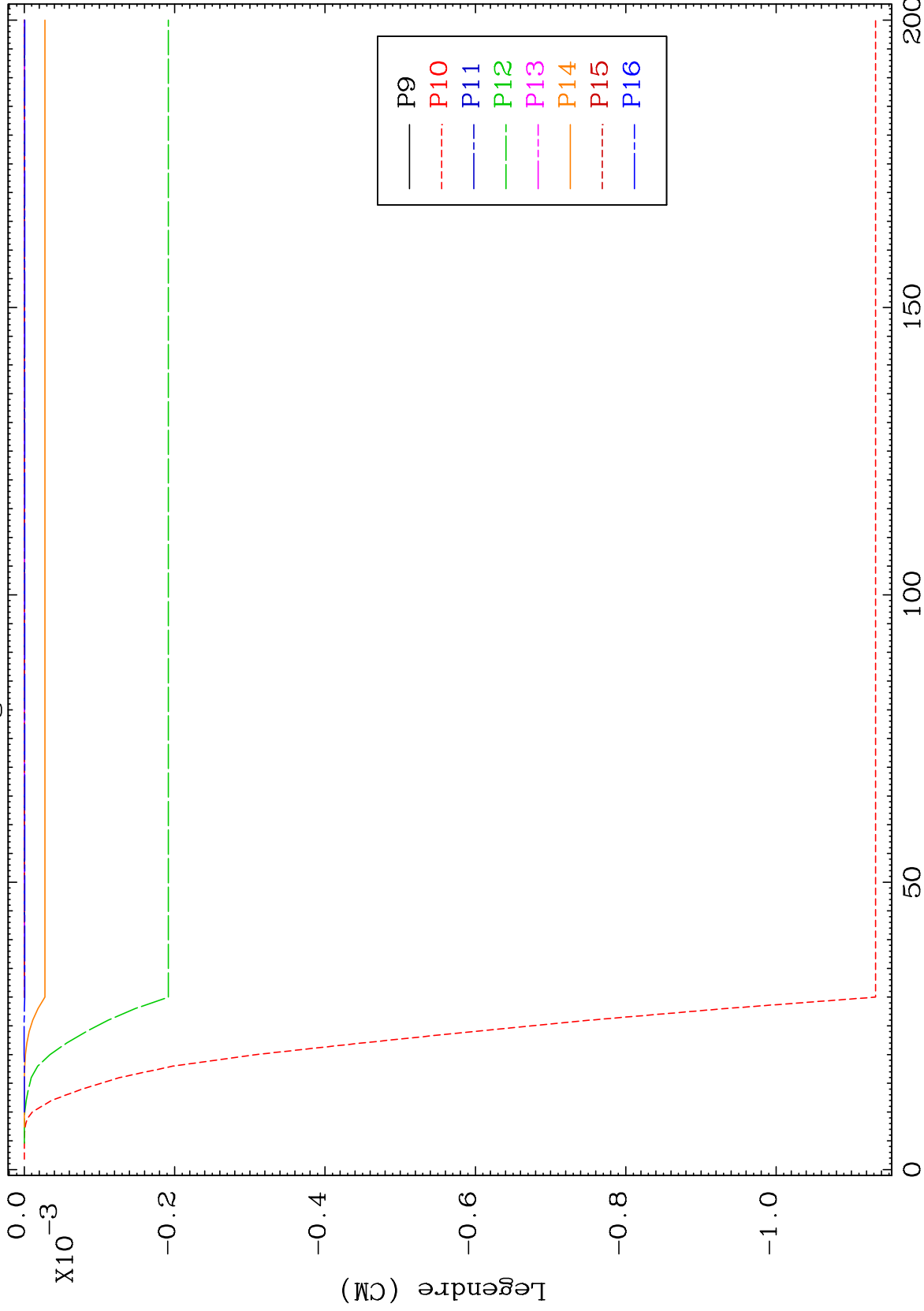
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



29

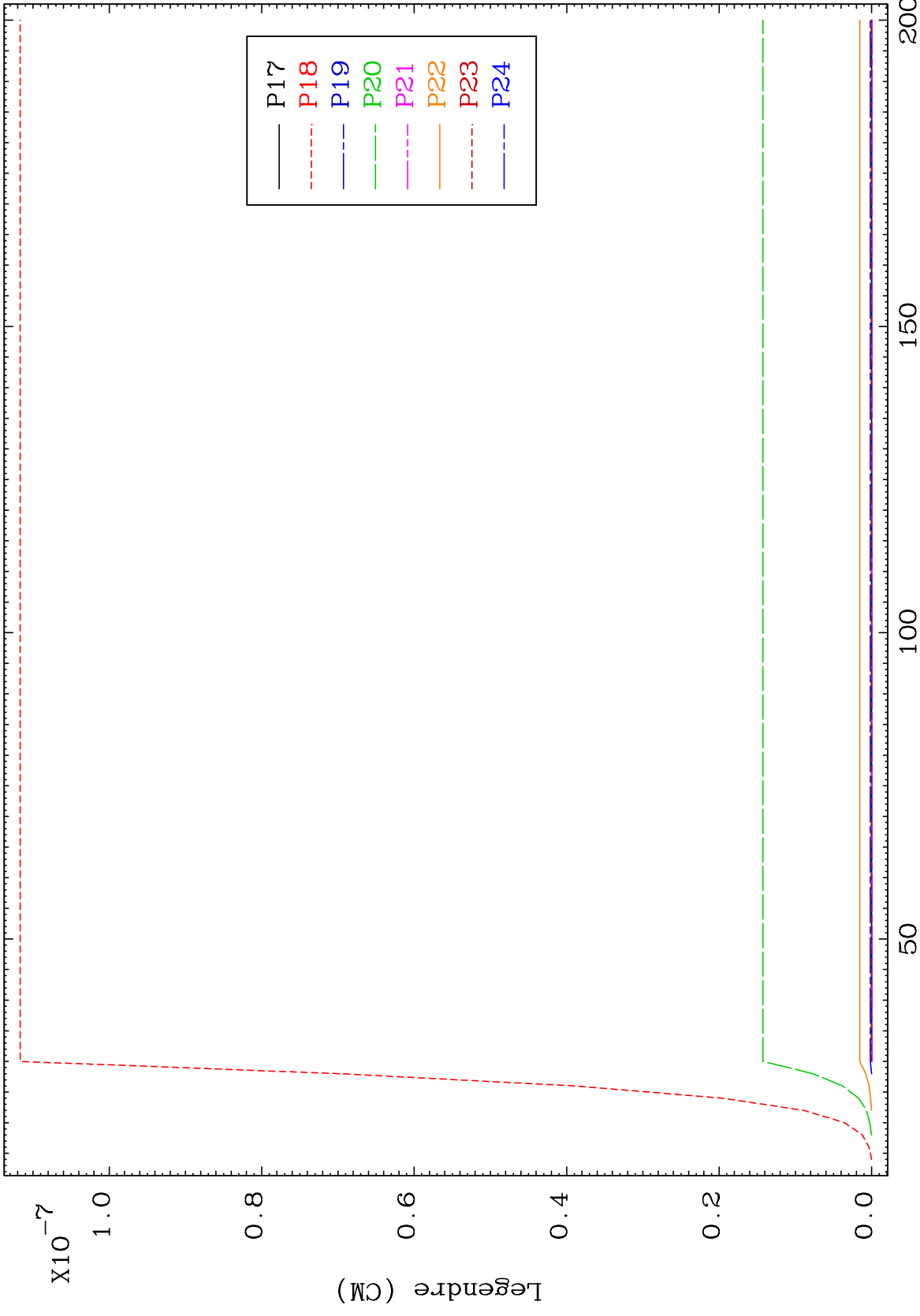
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



39-Y -82

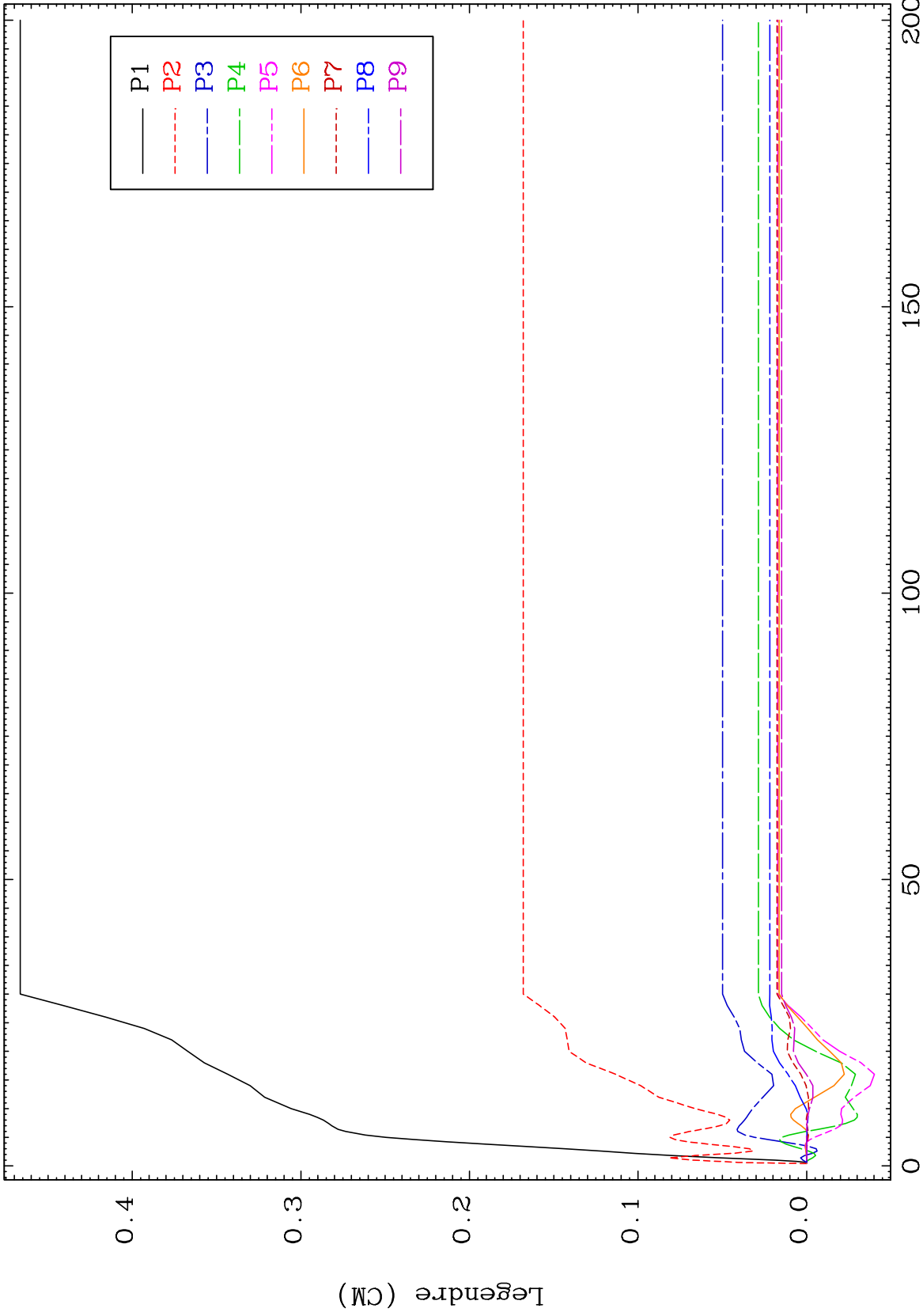
Incident Energy (MeV)

30

MAT 3904

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

39-Y -82



31

Incident Energy (MeV)

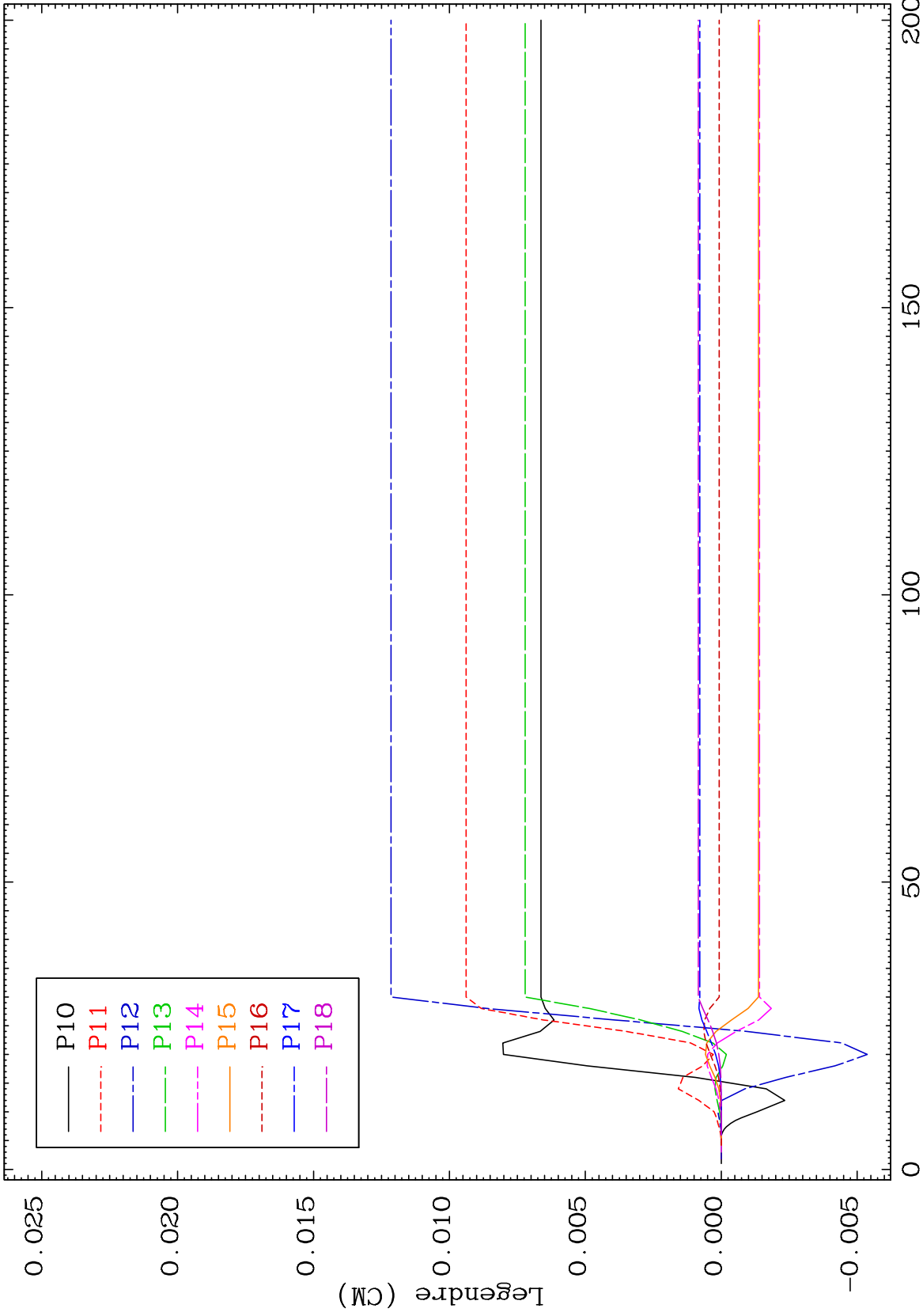
39-Y -82



MAT 3904

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

39-Y -82



32

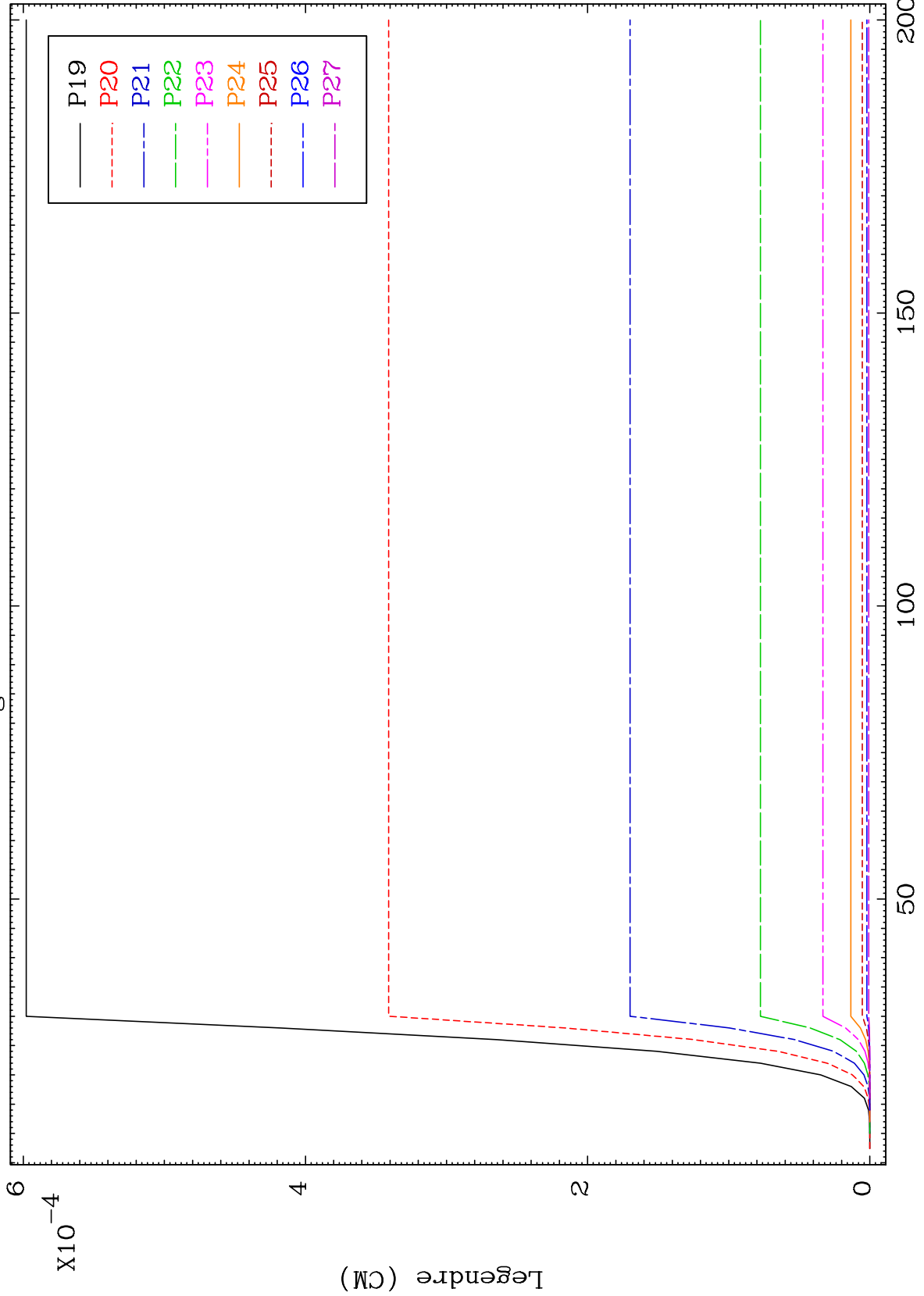
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



33

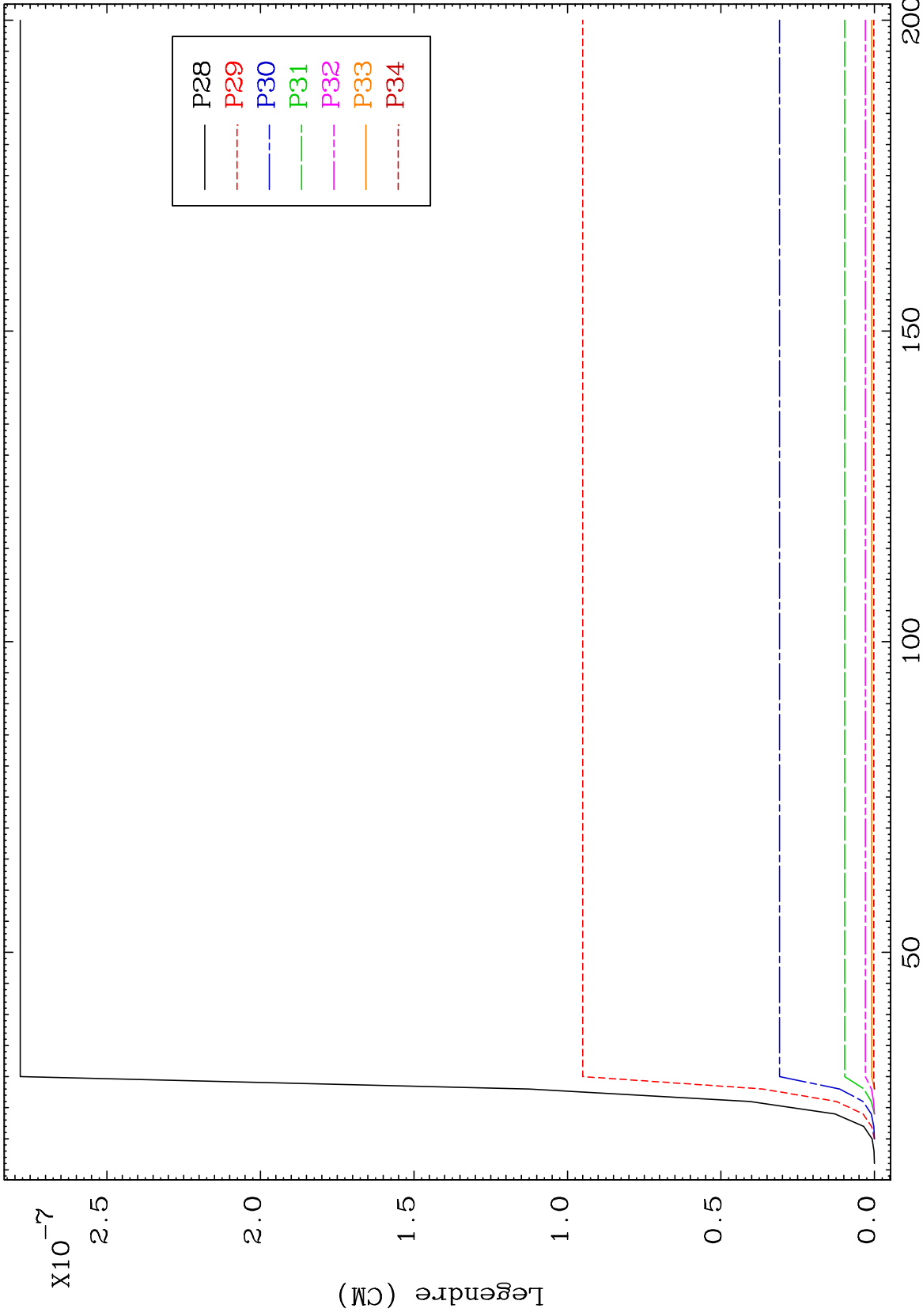
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



34

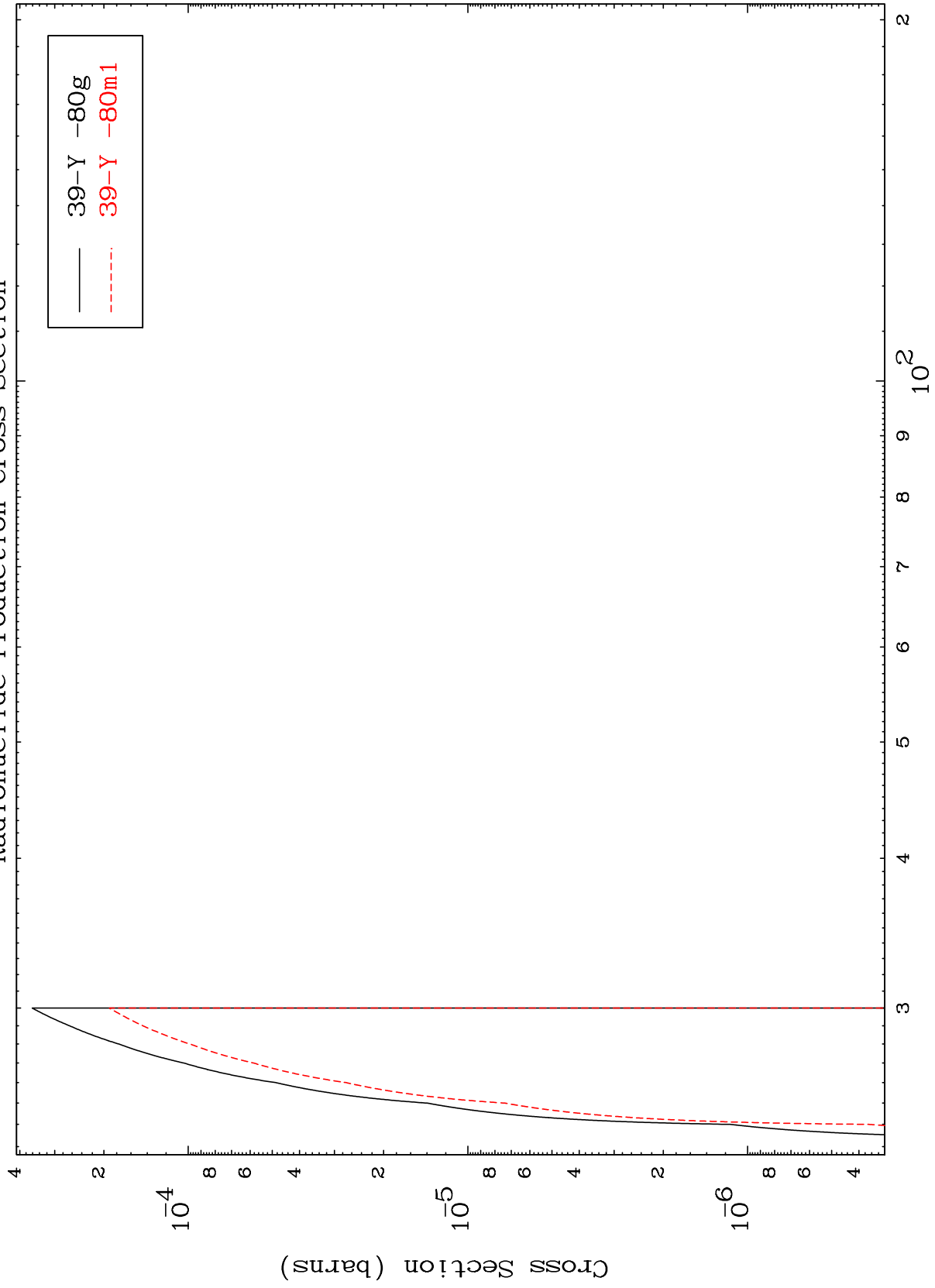
Incident Energy (MeV)

39-Y -82

MAT 3904

39-Y -82

(n,3n)  
Radionuclide Production Cross Section



35

39-Y -82

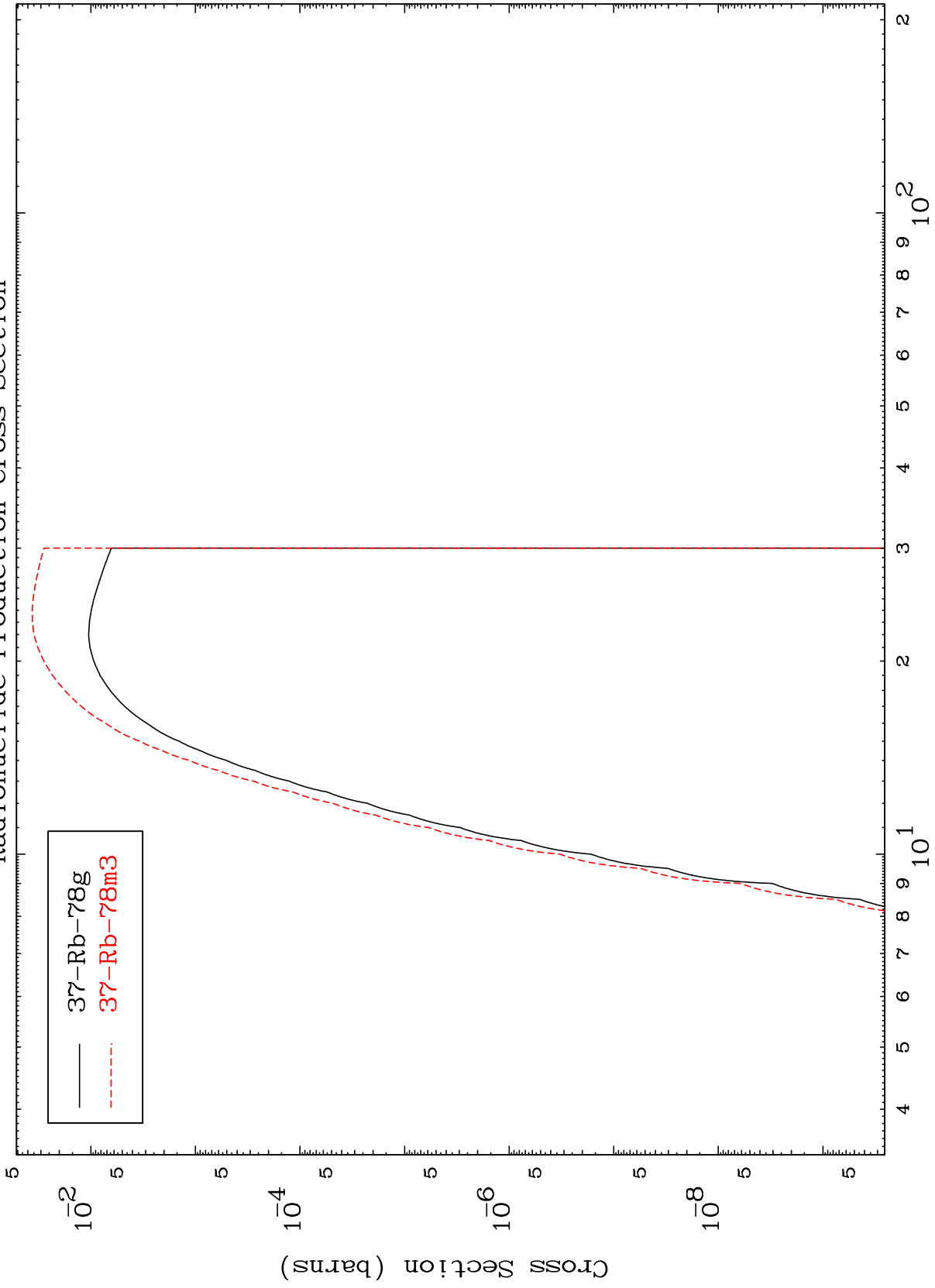
Incident Energy (MeV)

MAT 3904

(n,n')  $\alpha$

39-Y -82

Radionuclide Production Cross Section



36

Incident Energy (MeV)

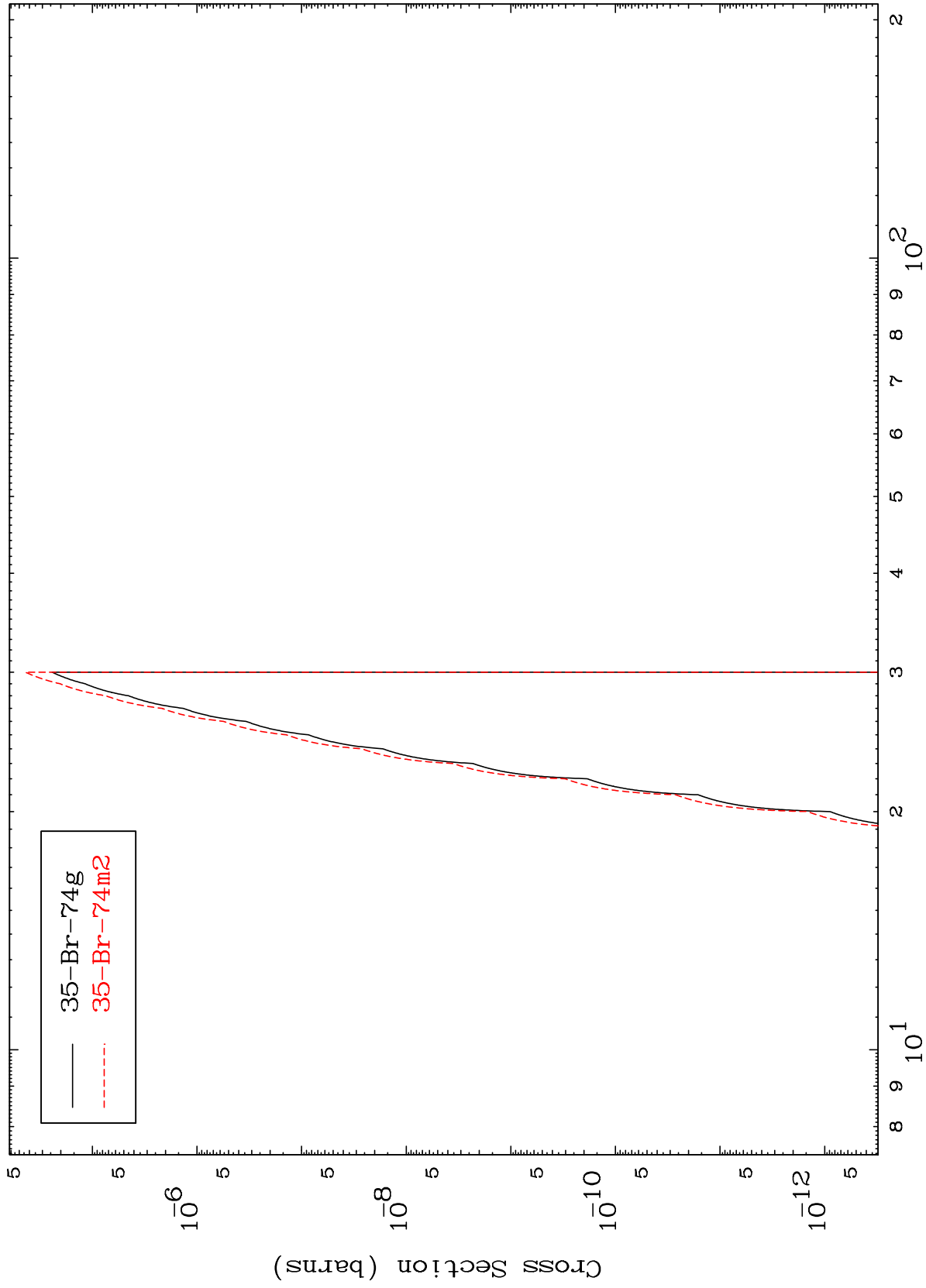
39-Y -82

MAT 3904

(n,n') 2 $\alpha$

39-Y -82

Radionuclide Production Cross Section



37

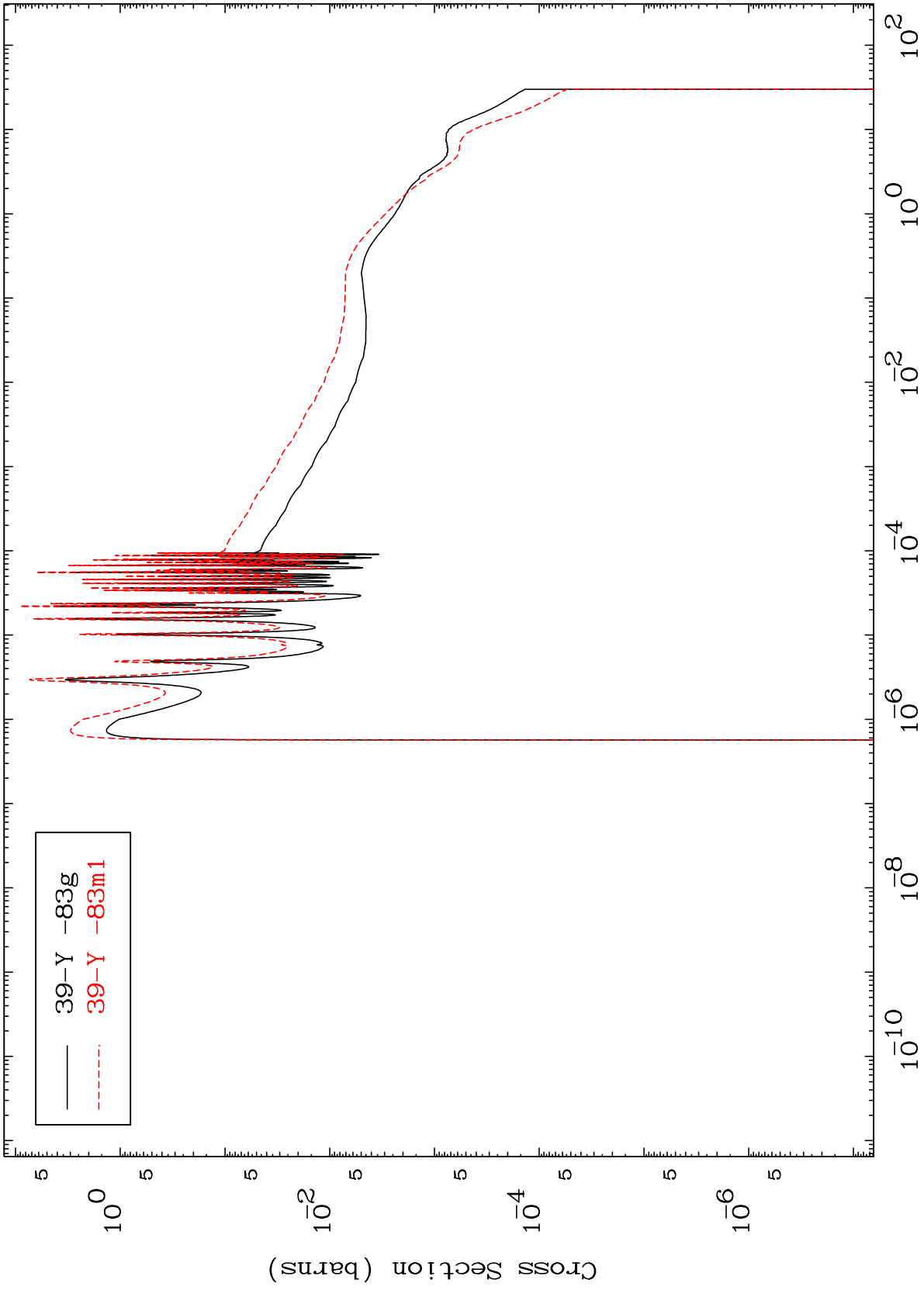
Incident Energy (MeV)

39-Y -82

MAT 3904

39-Y -82

Radionuclide Production Cross Section



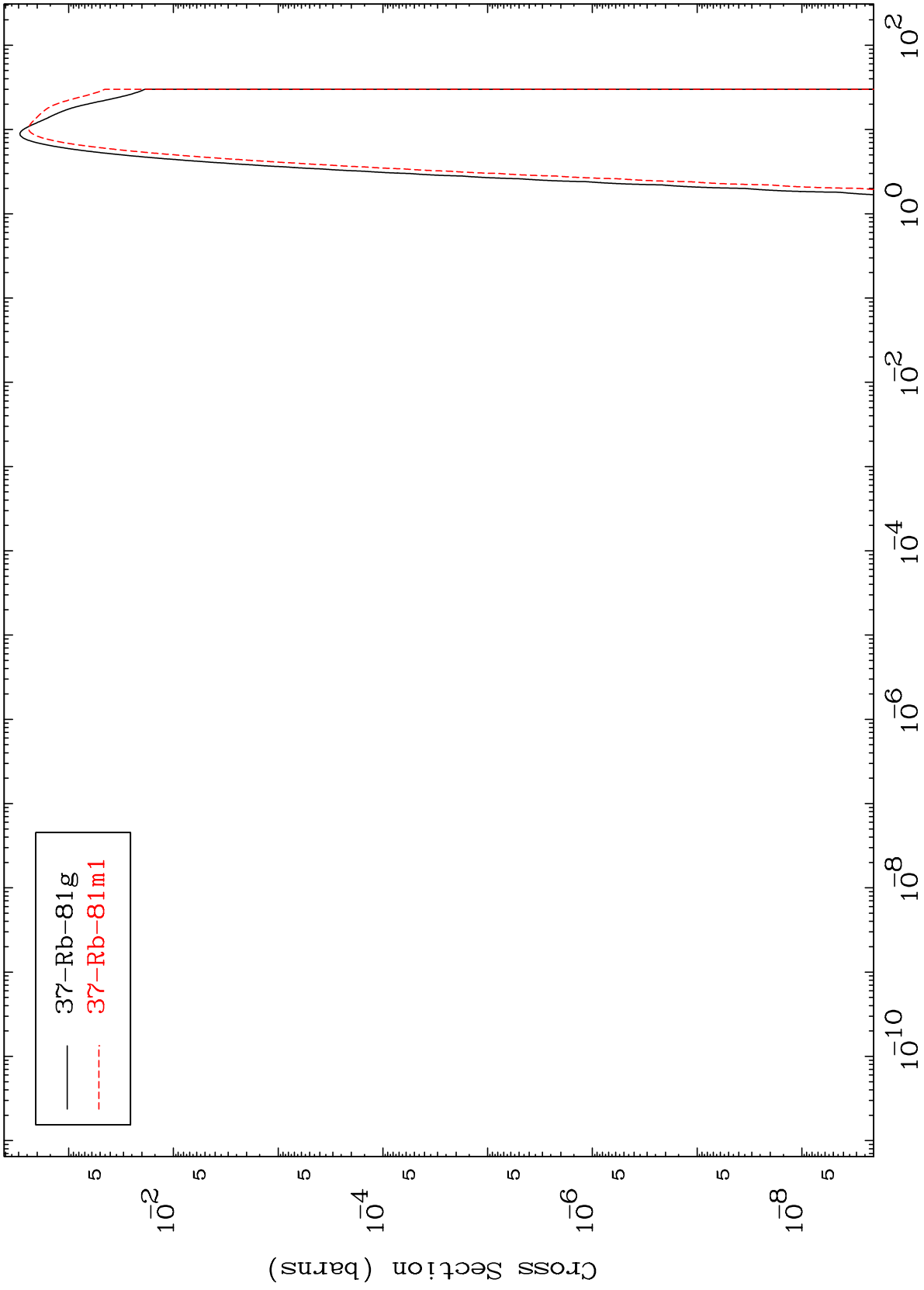
38

39-Y -82

MAT 3904

(n,2p)  
Radionuclide Production Cross Section

39-Y -82



— 37-Rb-81g  
- - - 37-Rb-81m1

39

Incident Energy (MeV)

39-Y -82