

Program EVALPLOT  
(Version 2021-1)

by

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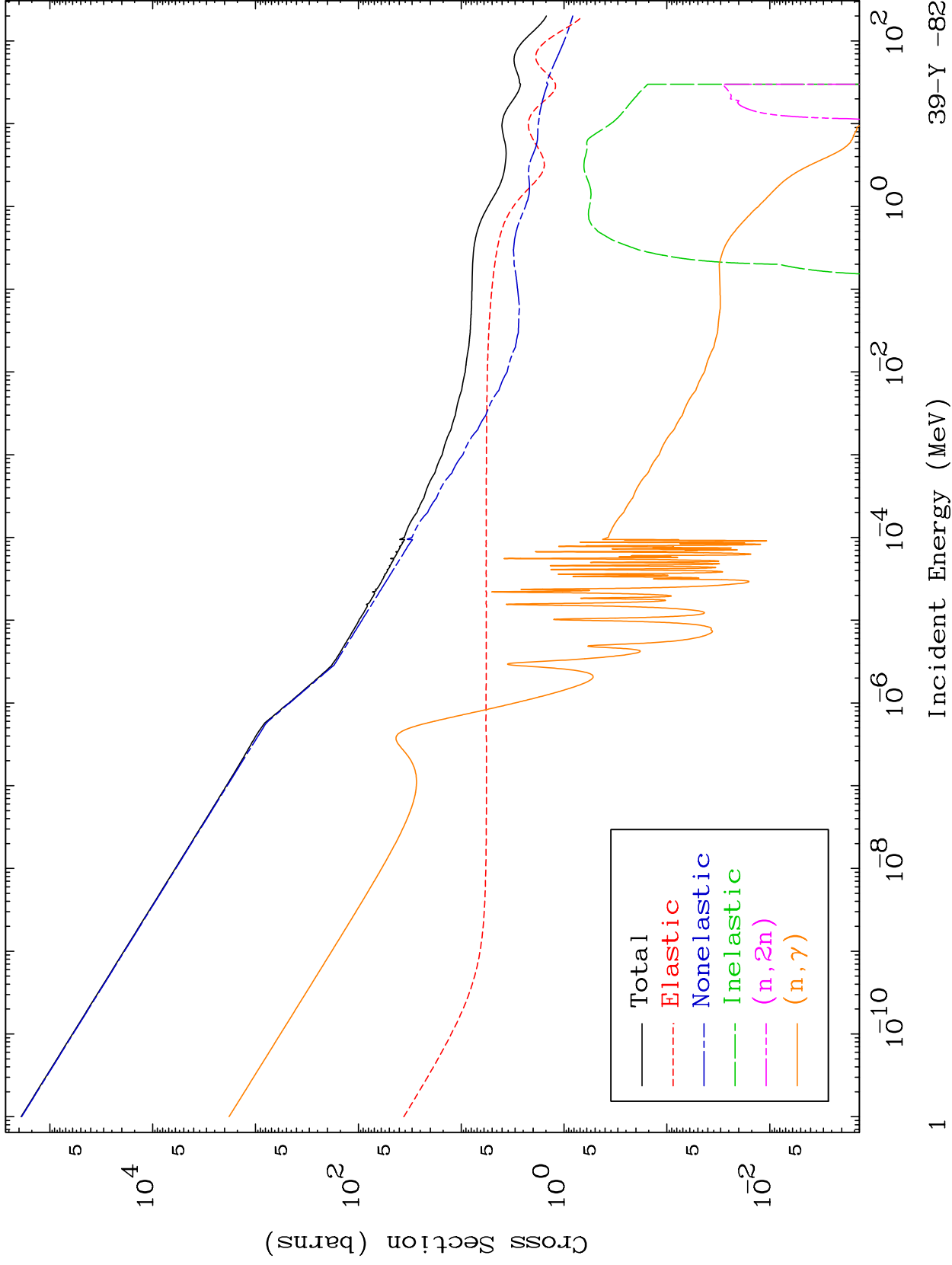
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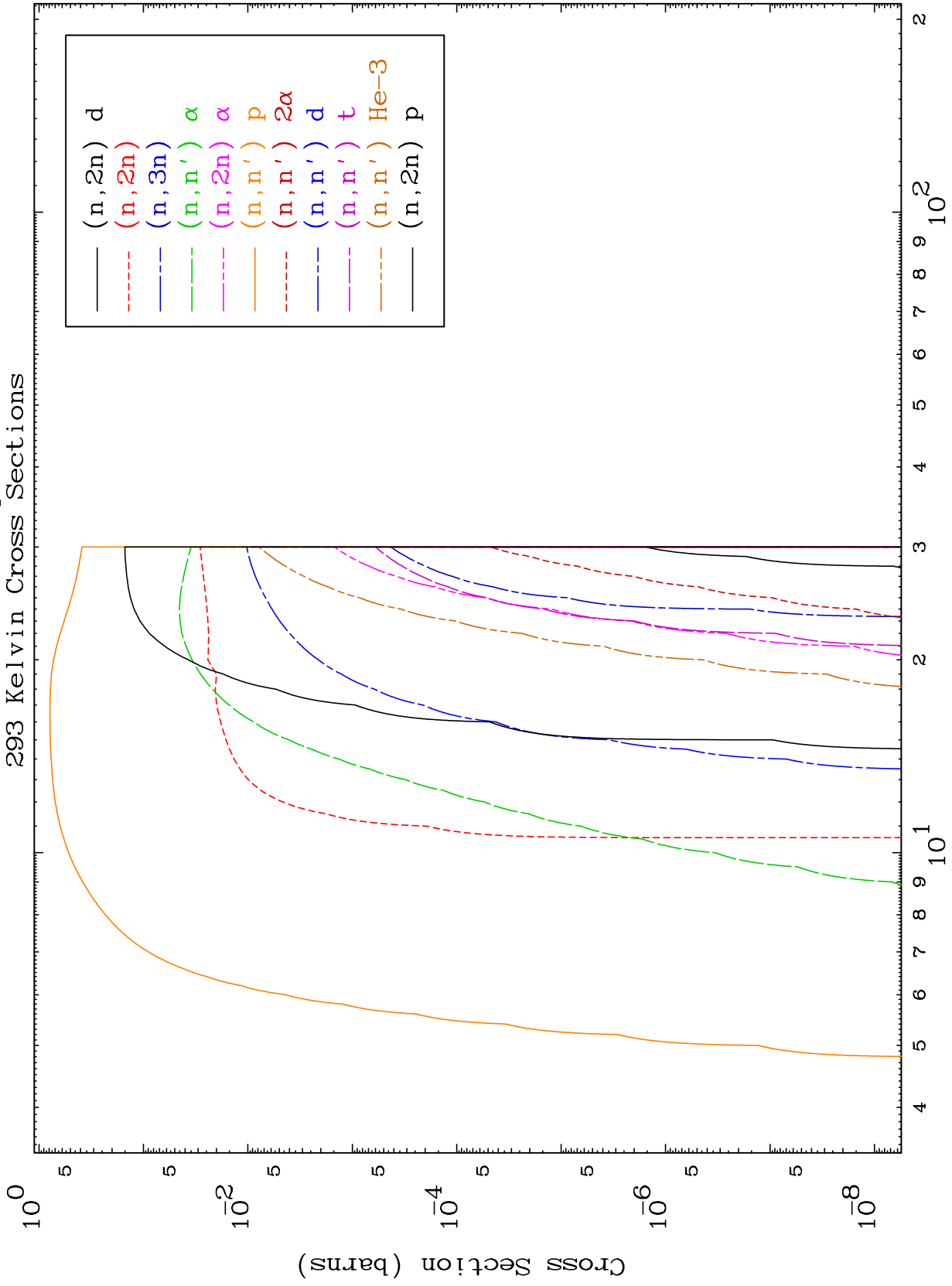
Press Mouse Button to Start

MAT 3904

Neutron Major  
293 Kelvin Cross Sections

39-Y -82

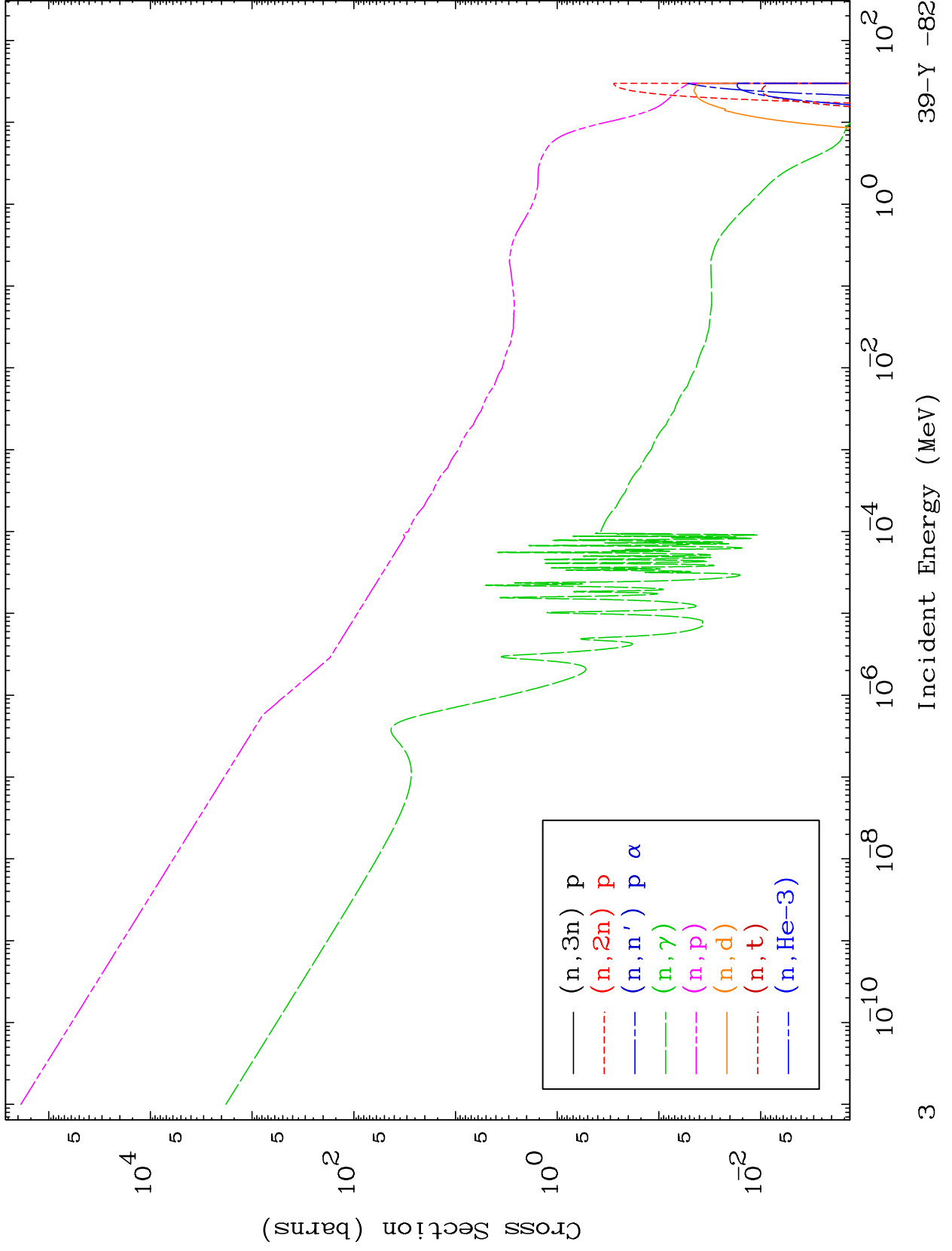


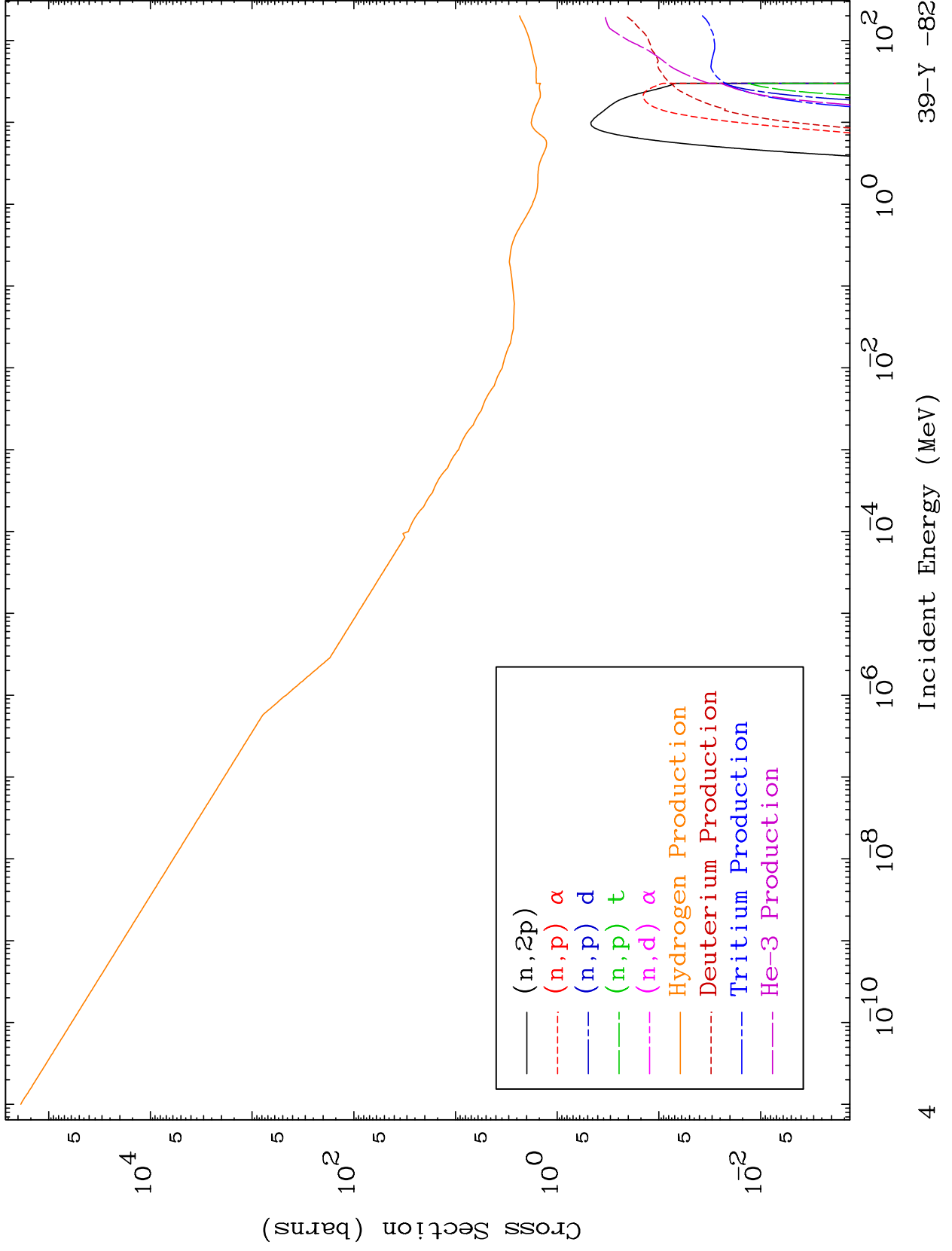


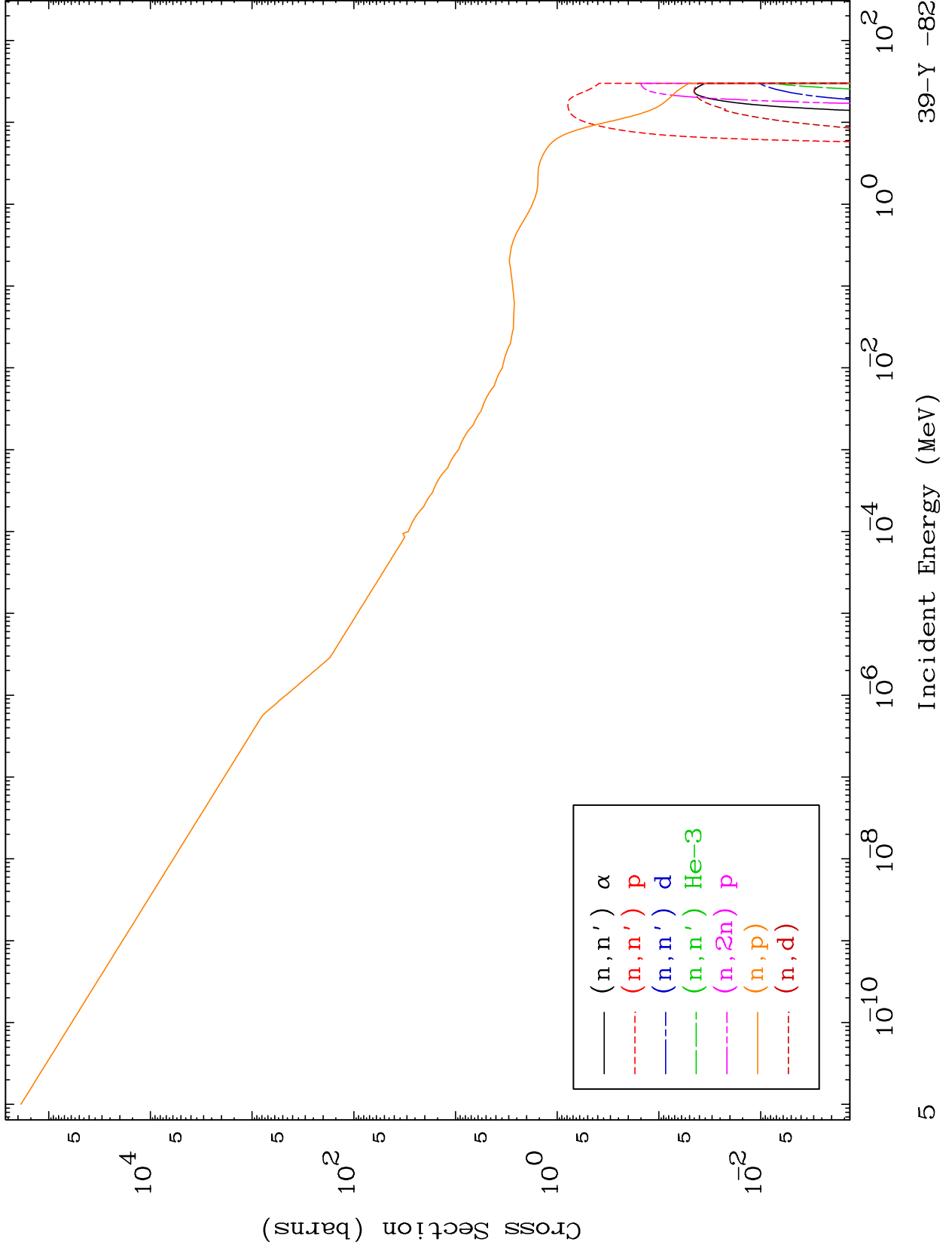
MAT 3904

Neutron Absorption  
293 Kelvin Cross Sections

39-Y -82



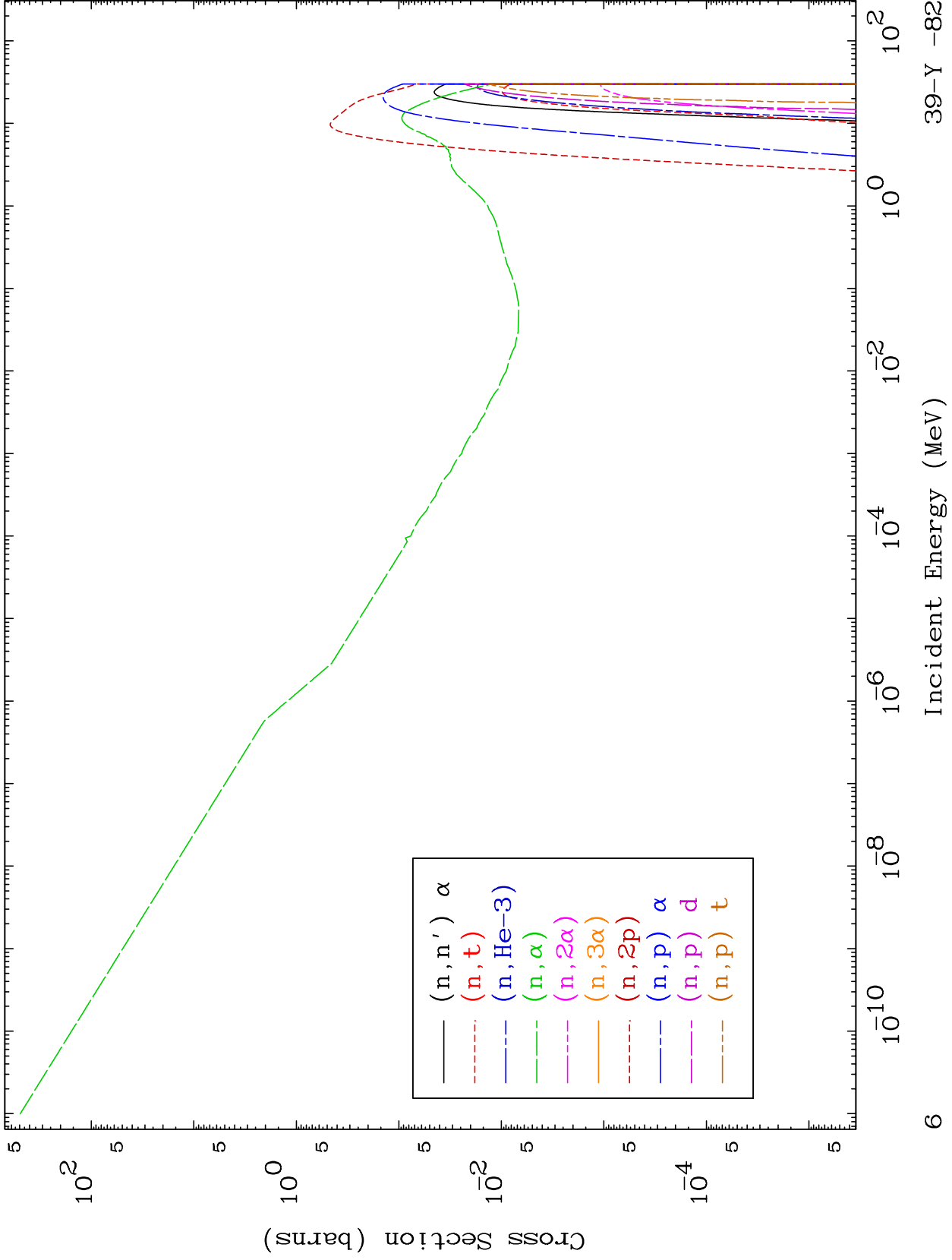




MAT 3904

Charged Particle  
293 Kelvin Cross Sections

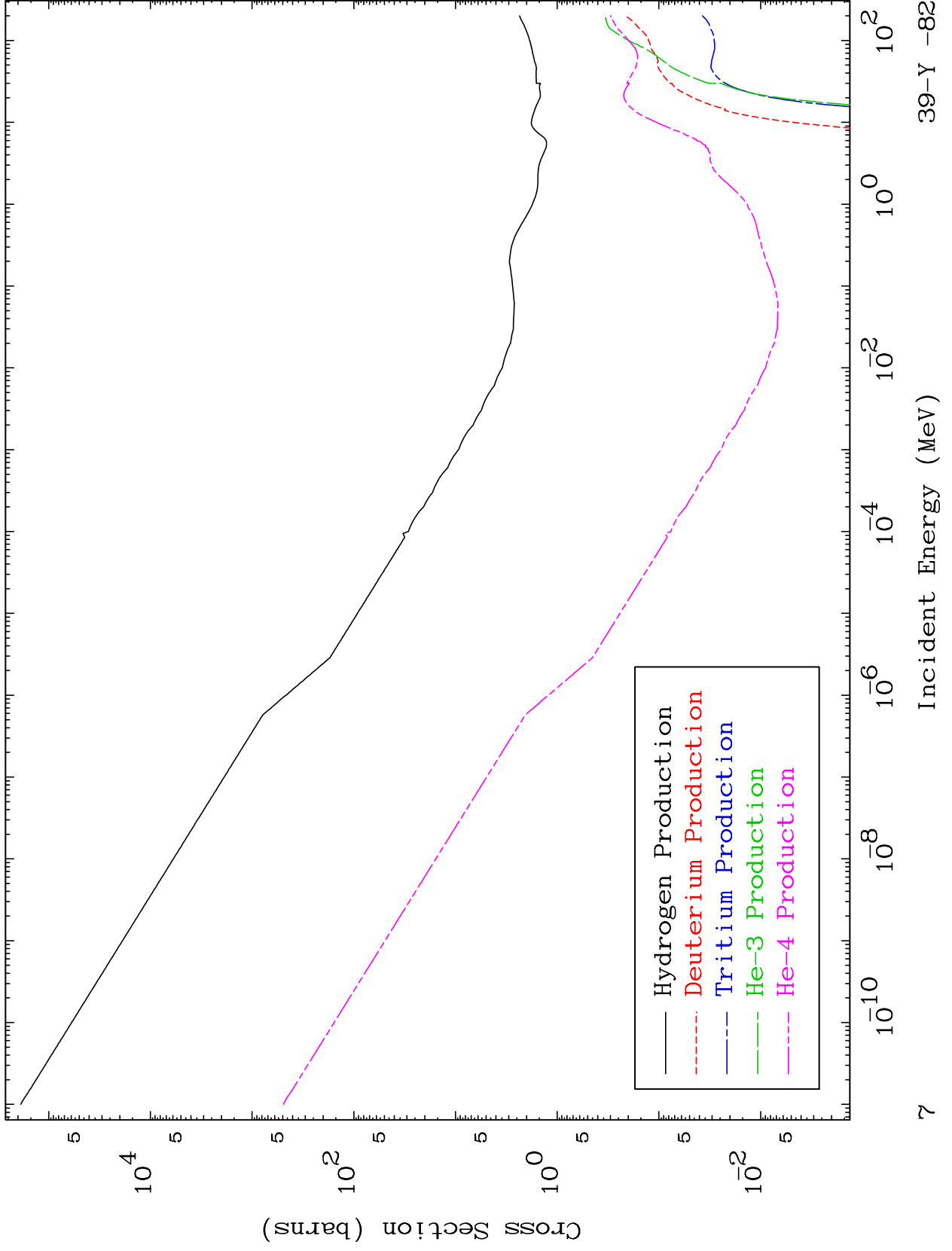
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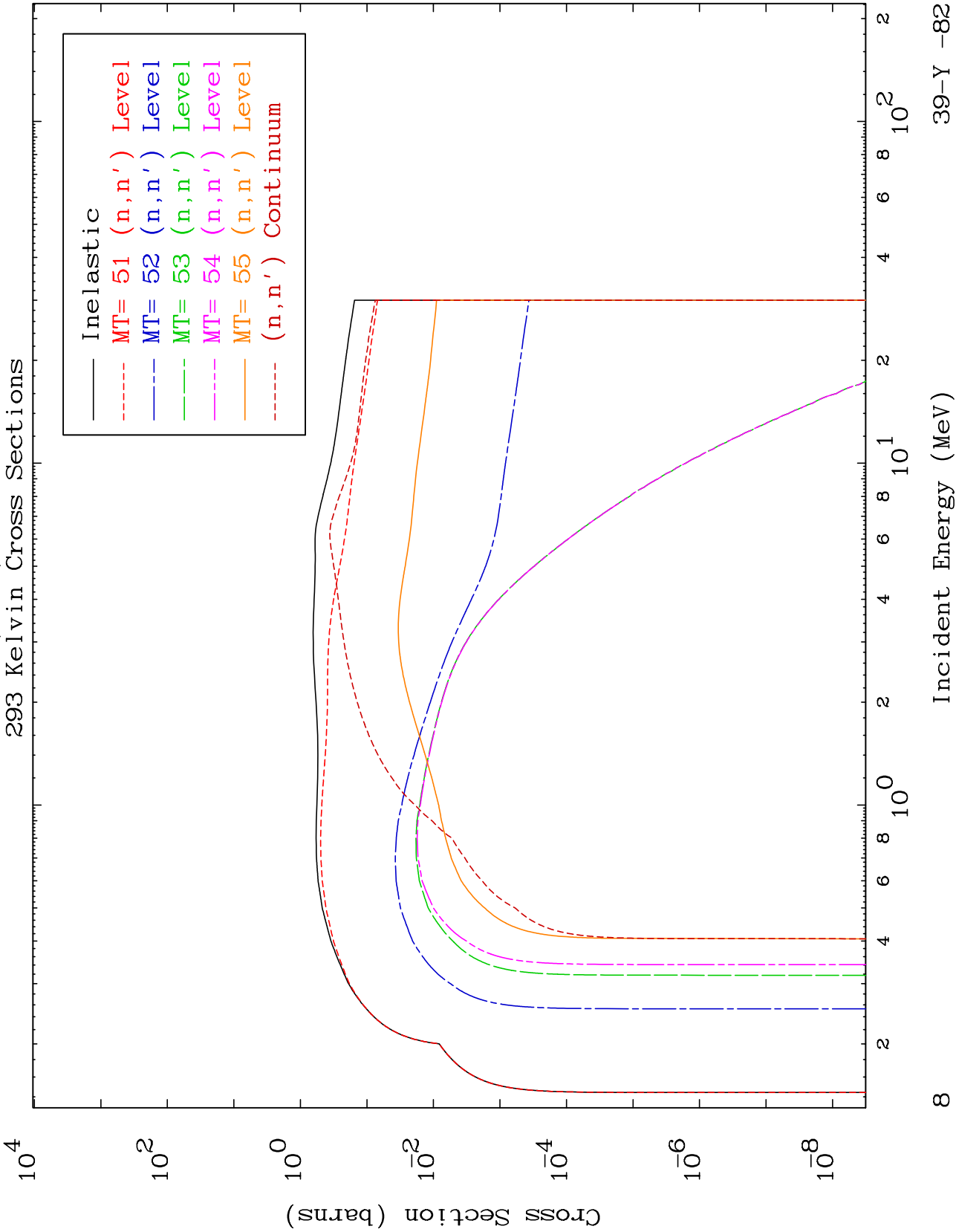


MAT 3904

Particle Production  
293 Kelvin Cross Sections

39-Y -82

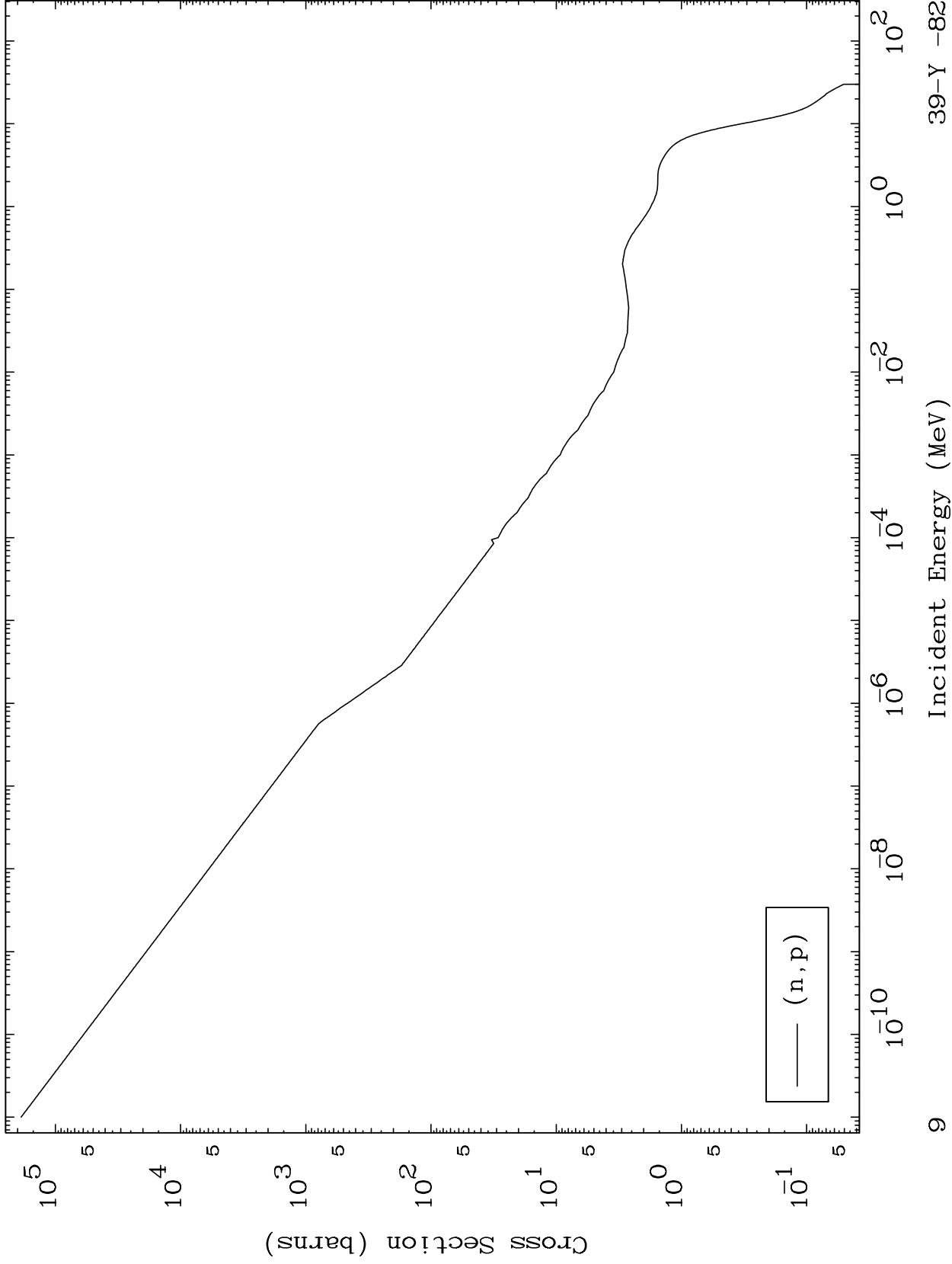




MAT 3904

(n,p) Levels  
293 Kelvin Cross Sections

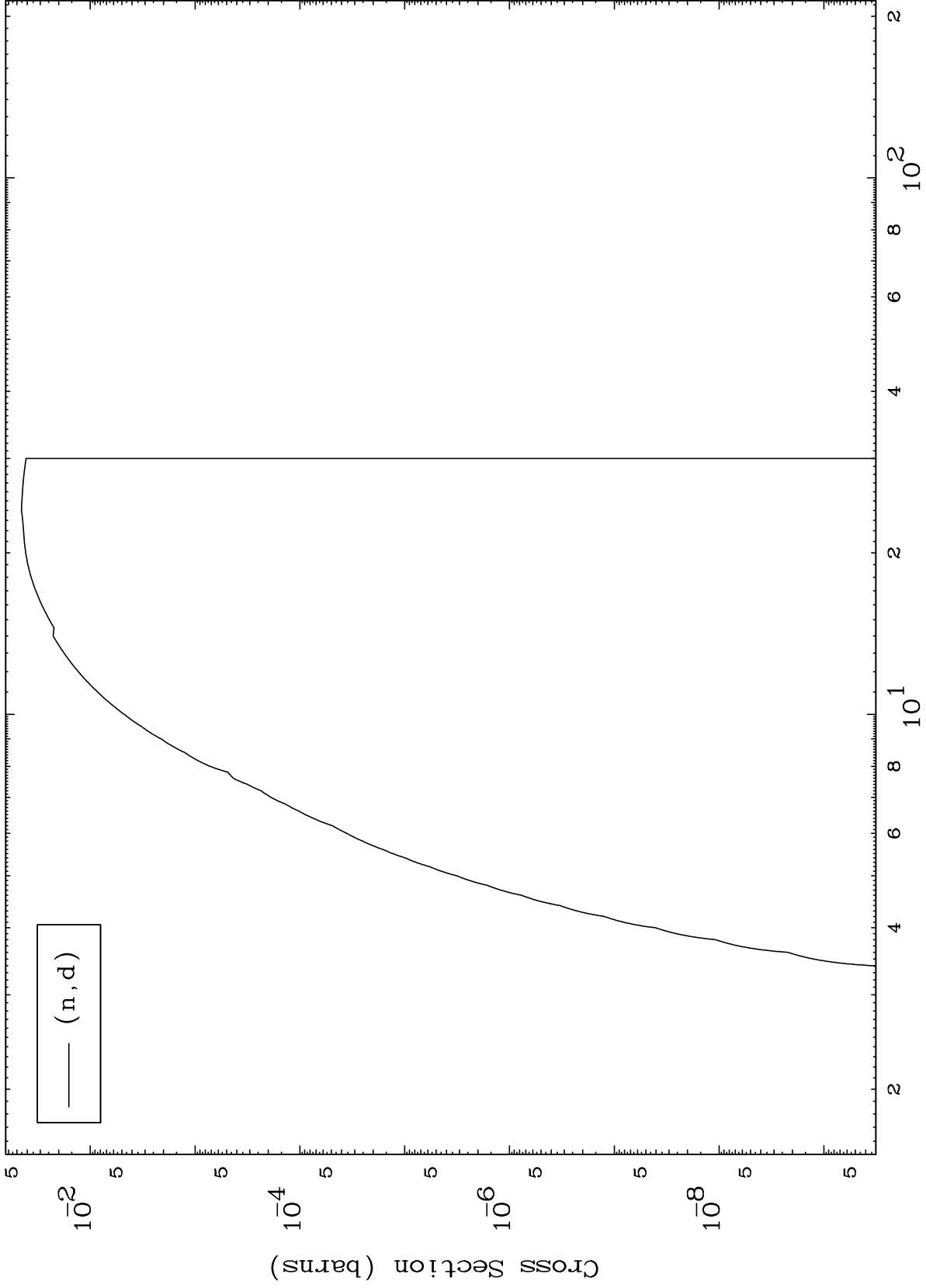
39-Y -82



MAT 3904

(n,d) Levels  
293 Kelvin Cross Sections

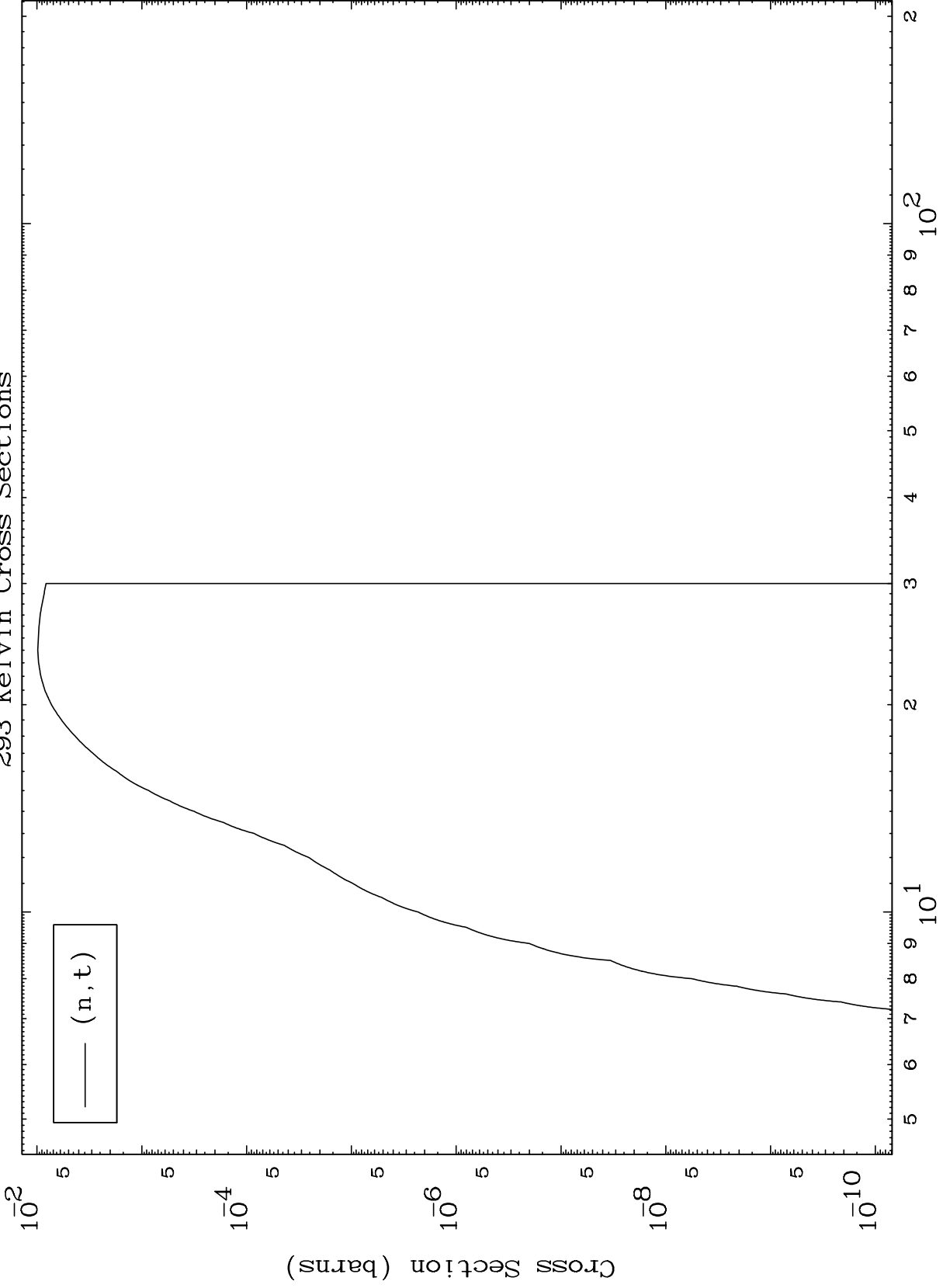
39-Y -82



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Incident Energy (MeV)

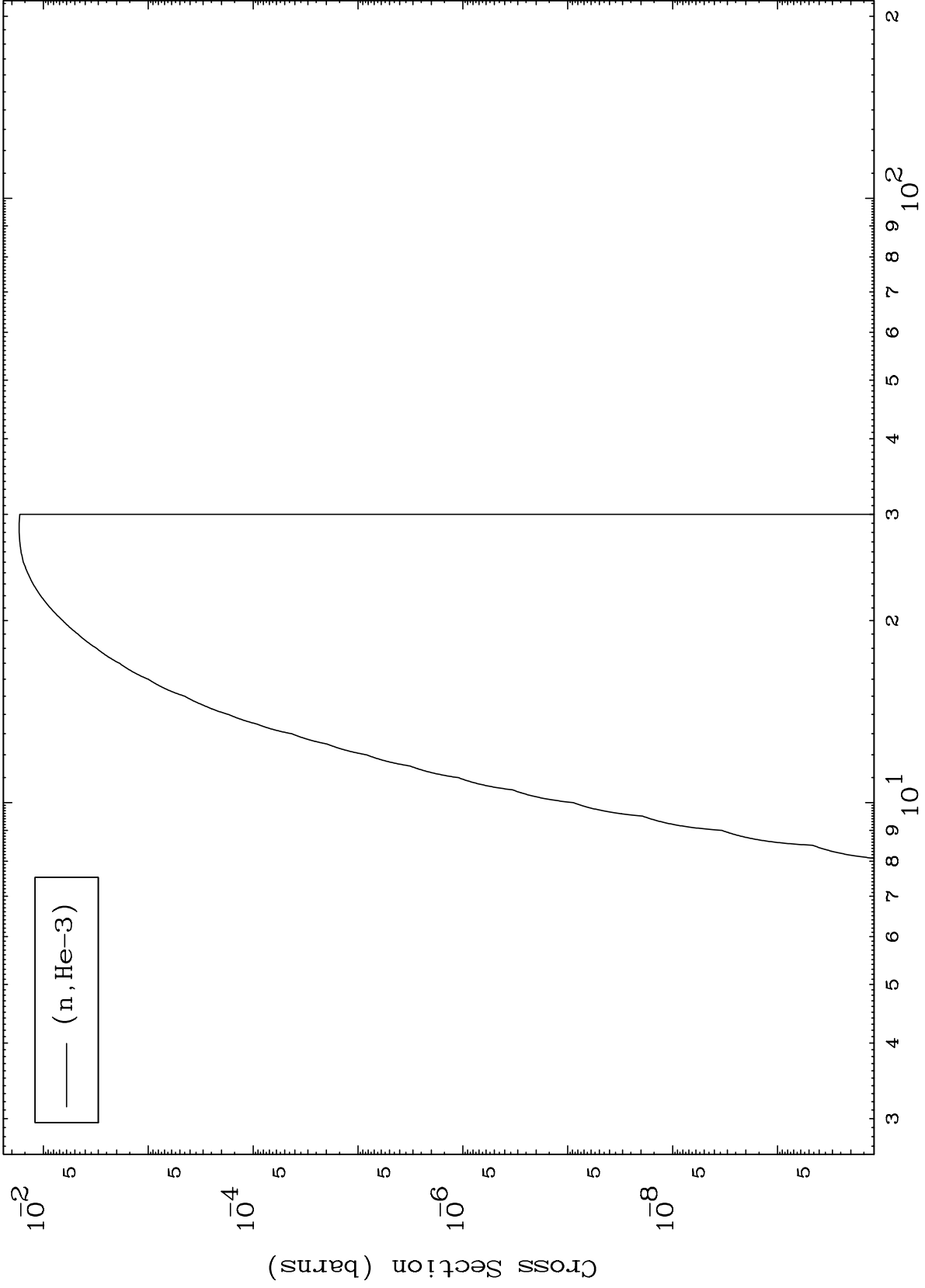
39-Y -82



MAT 3904

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -82



12

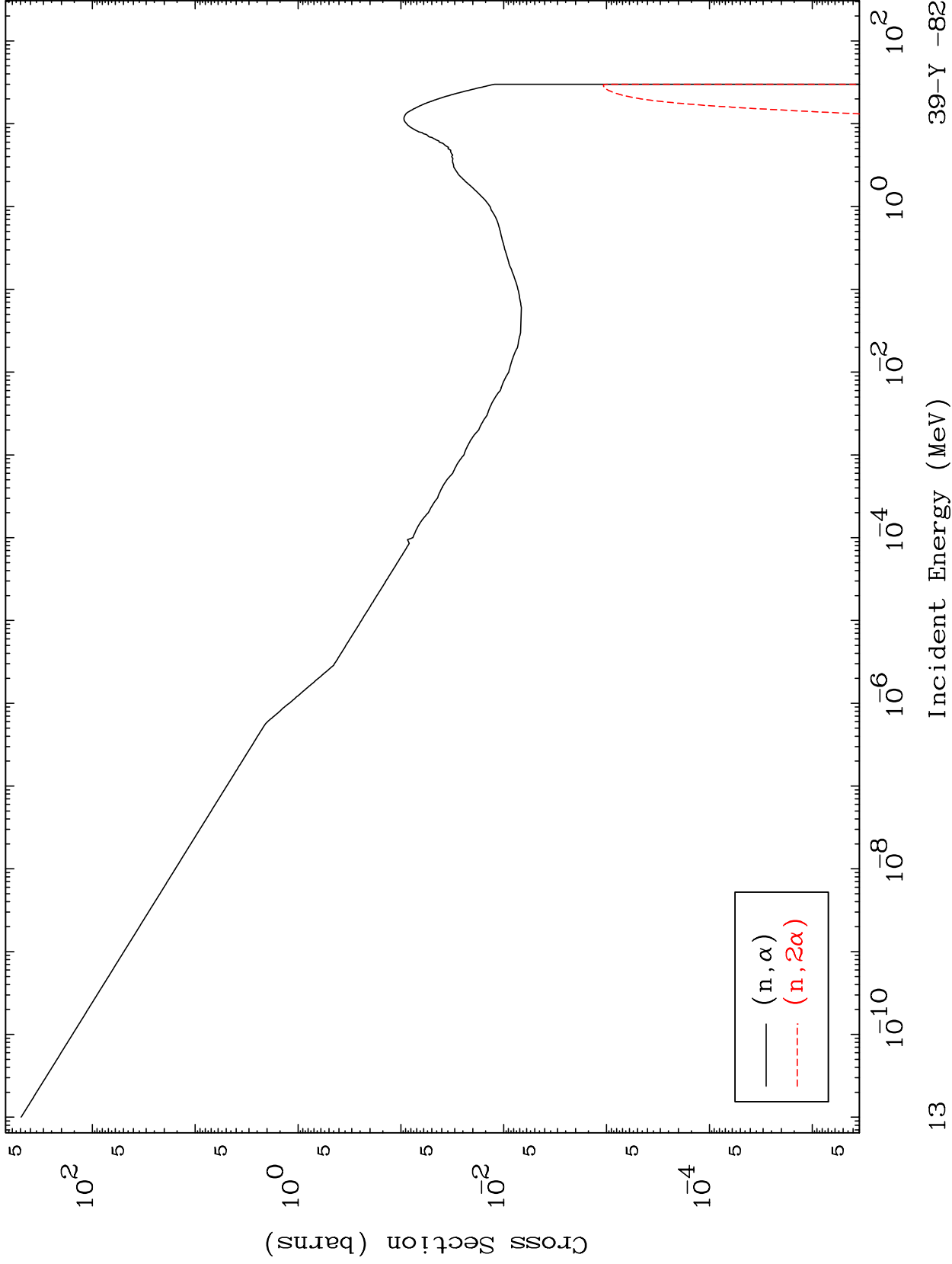
Incident Energy (MeV)

39-Y -82

MAT 3904

(n,α) Levels  
293 Kelvin Cross Sections

39-Y -82



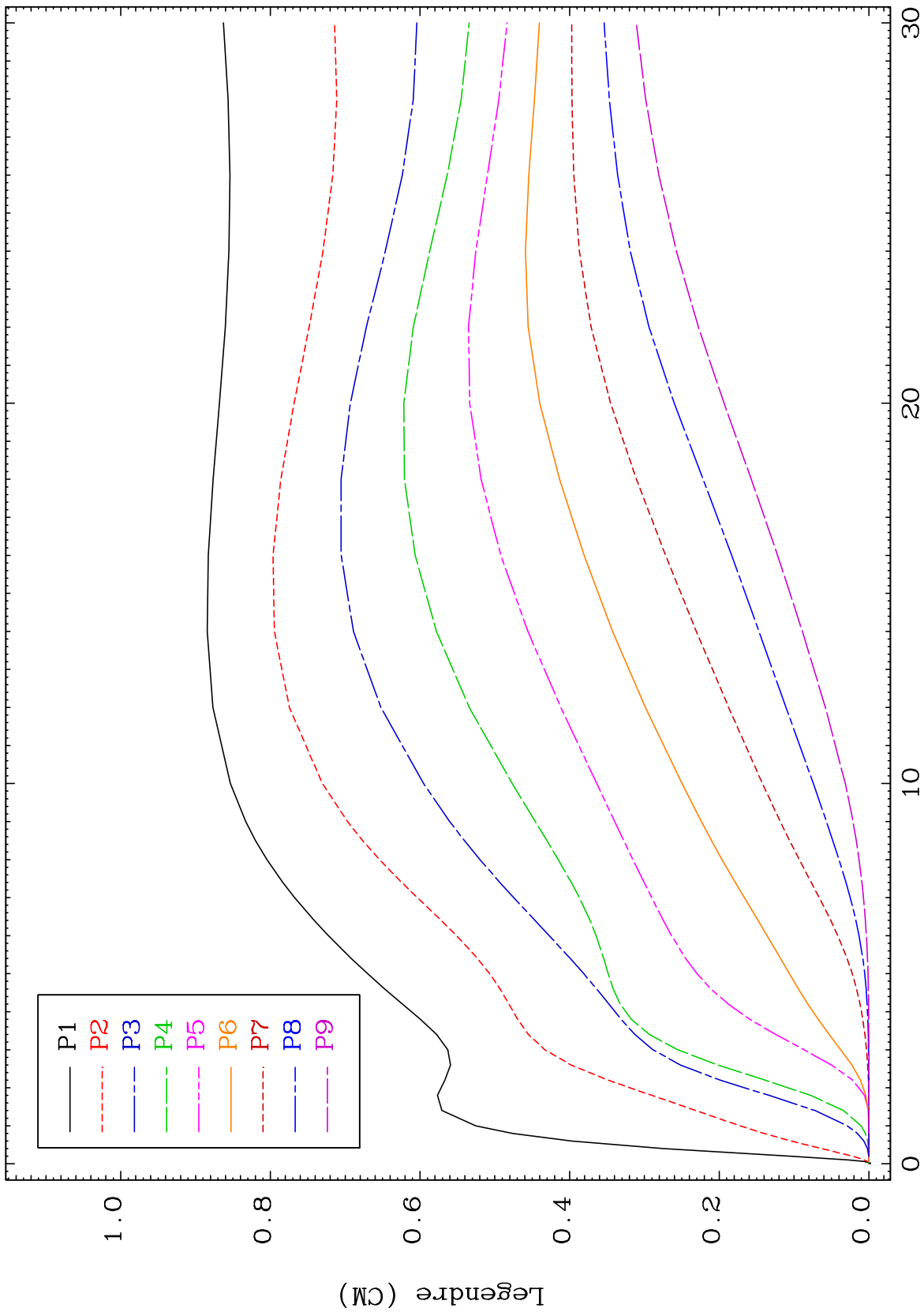
13

39-Y -82

MAT 3904

Elastic Legendre Coefficients

39-Y -82



14

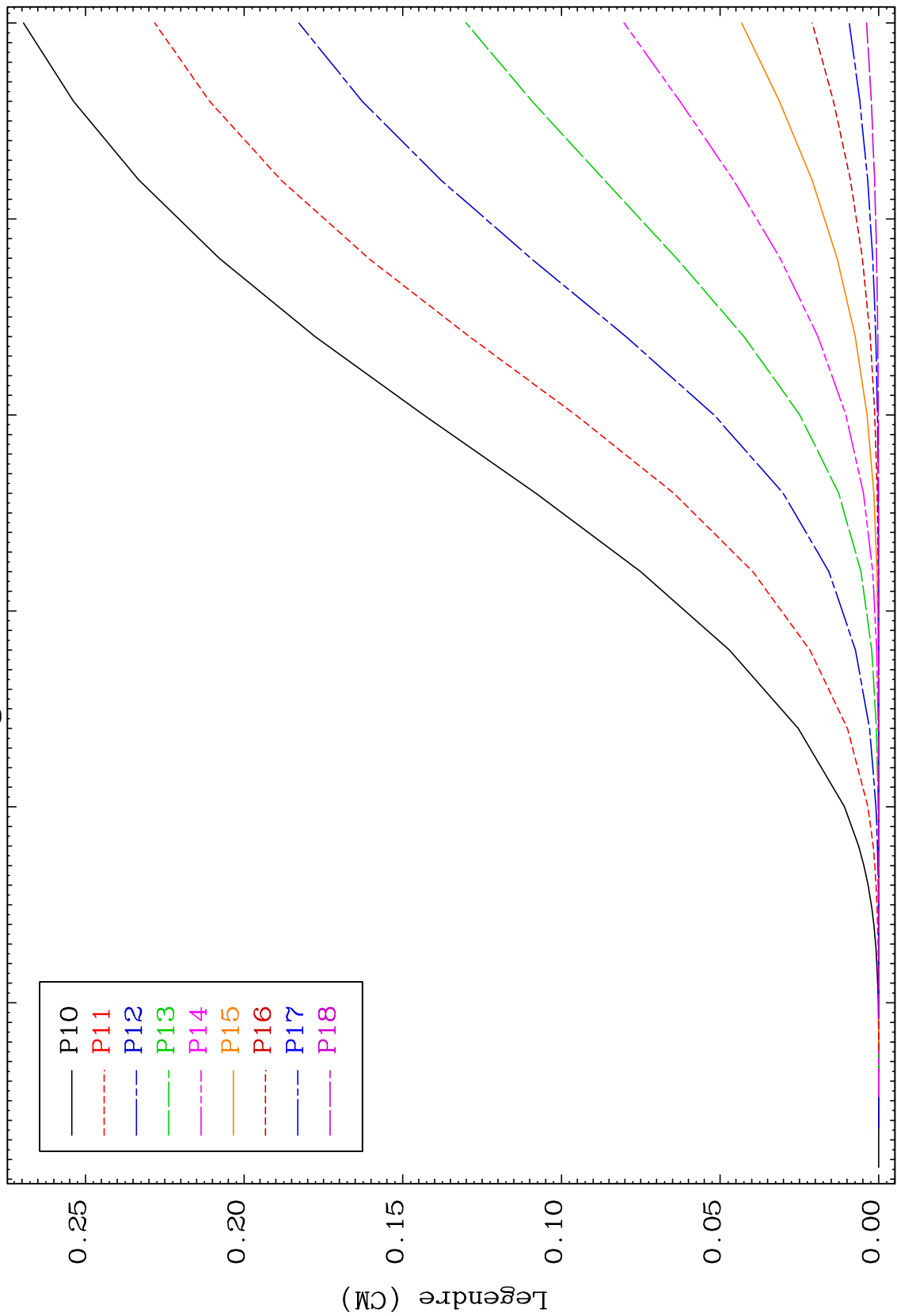
Incident Energy (MeV)

39-Y -82

MAT 3904

### Elastic Legendre Coefficients

39-Y -82



15

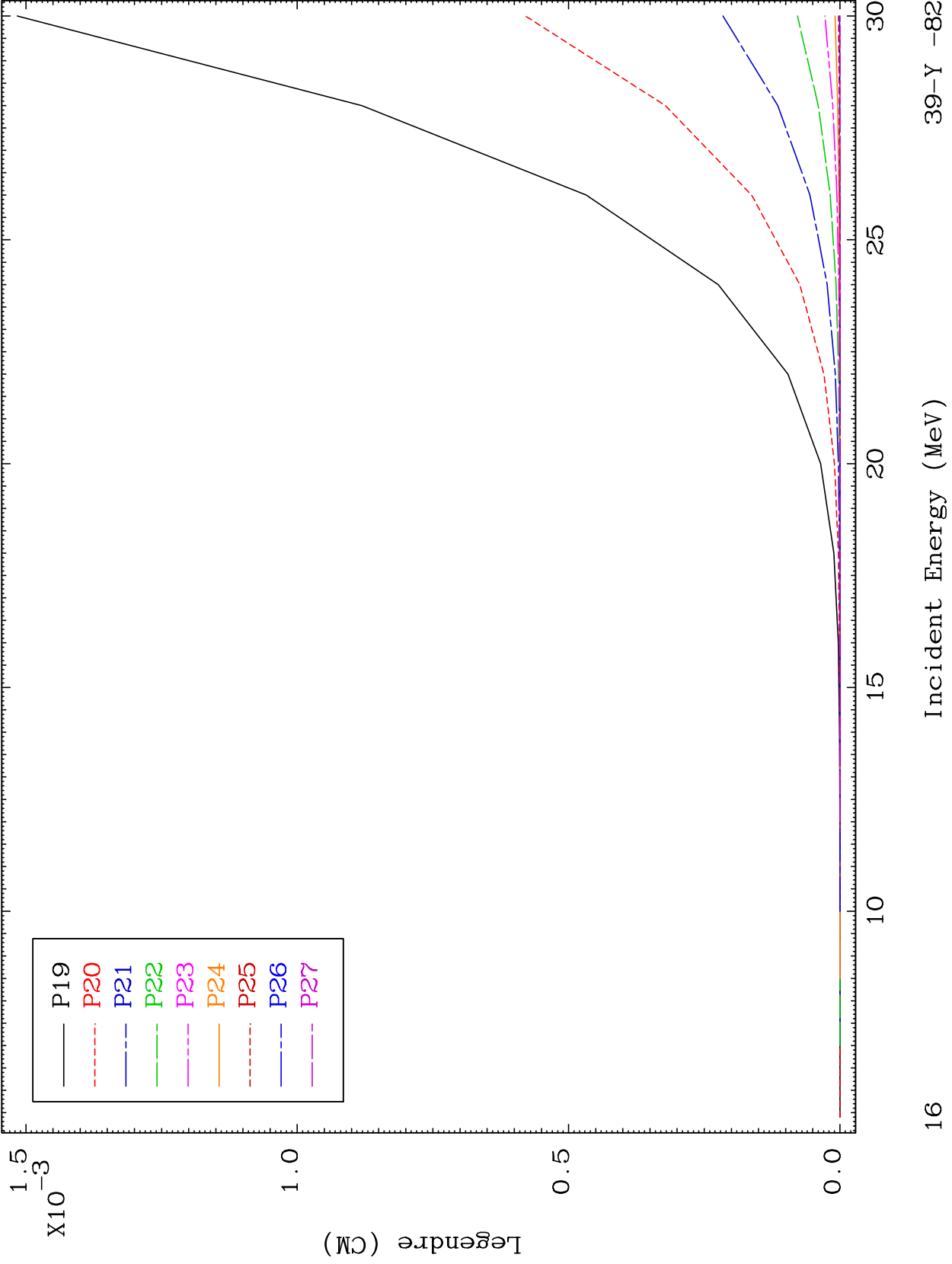
Incident Energy (MeV)

39-Y -82

MAT 3904

Elastic Legendre Coefficients

39-Y -82



16

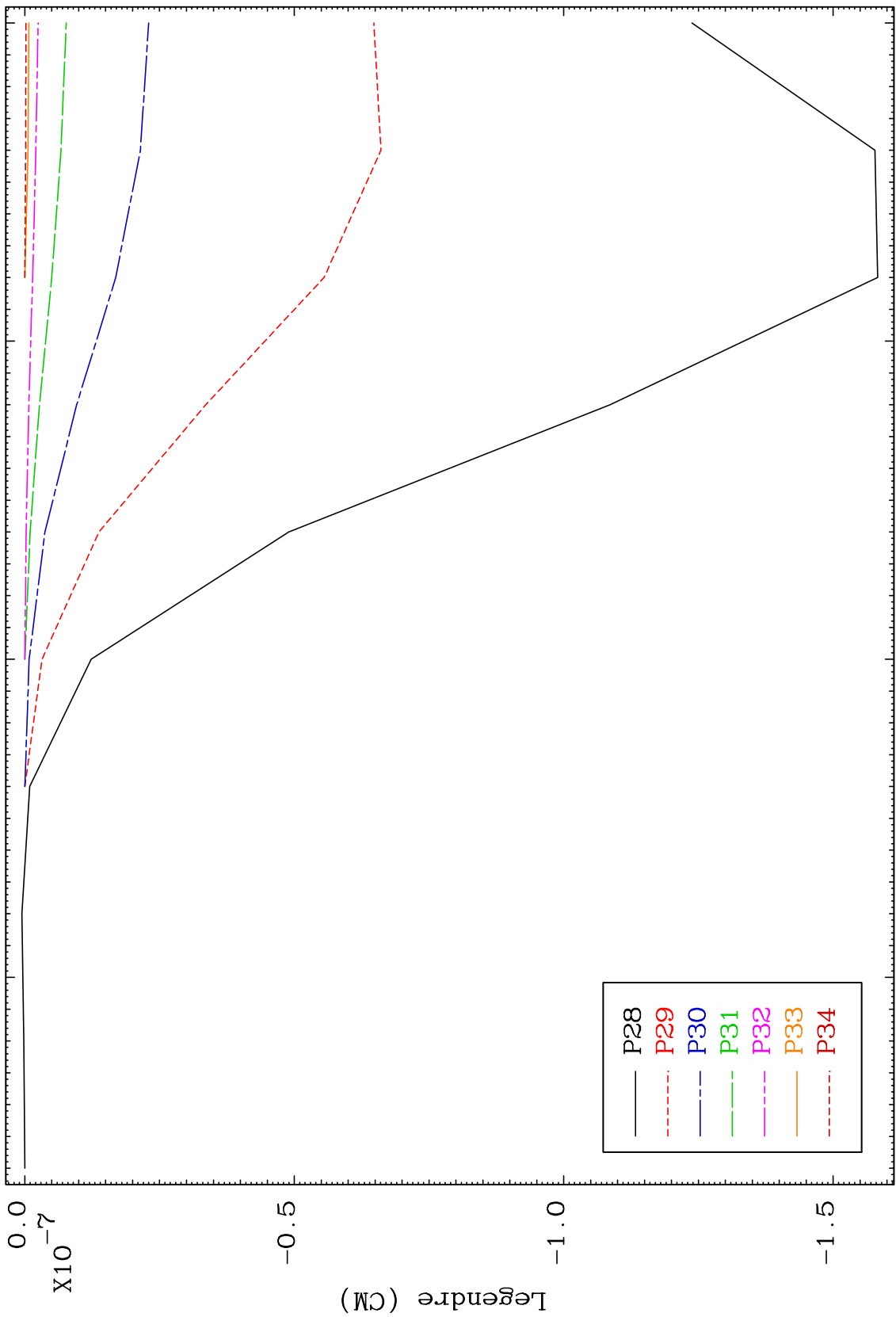
Incident Energy (MeV)

39-Y -82

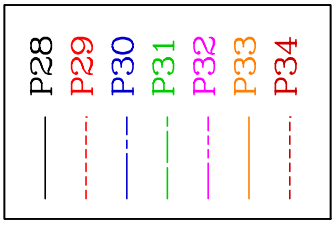
MAT 3904

39-Y -82

Elastic Legendre Coefficients



Legendre (CM)  
X10<sup>-7</sup>



17

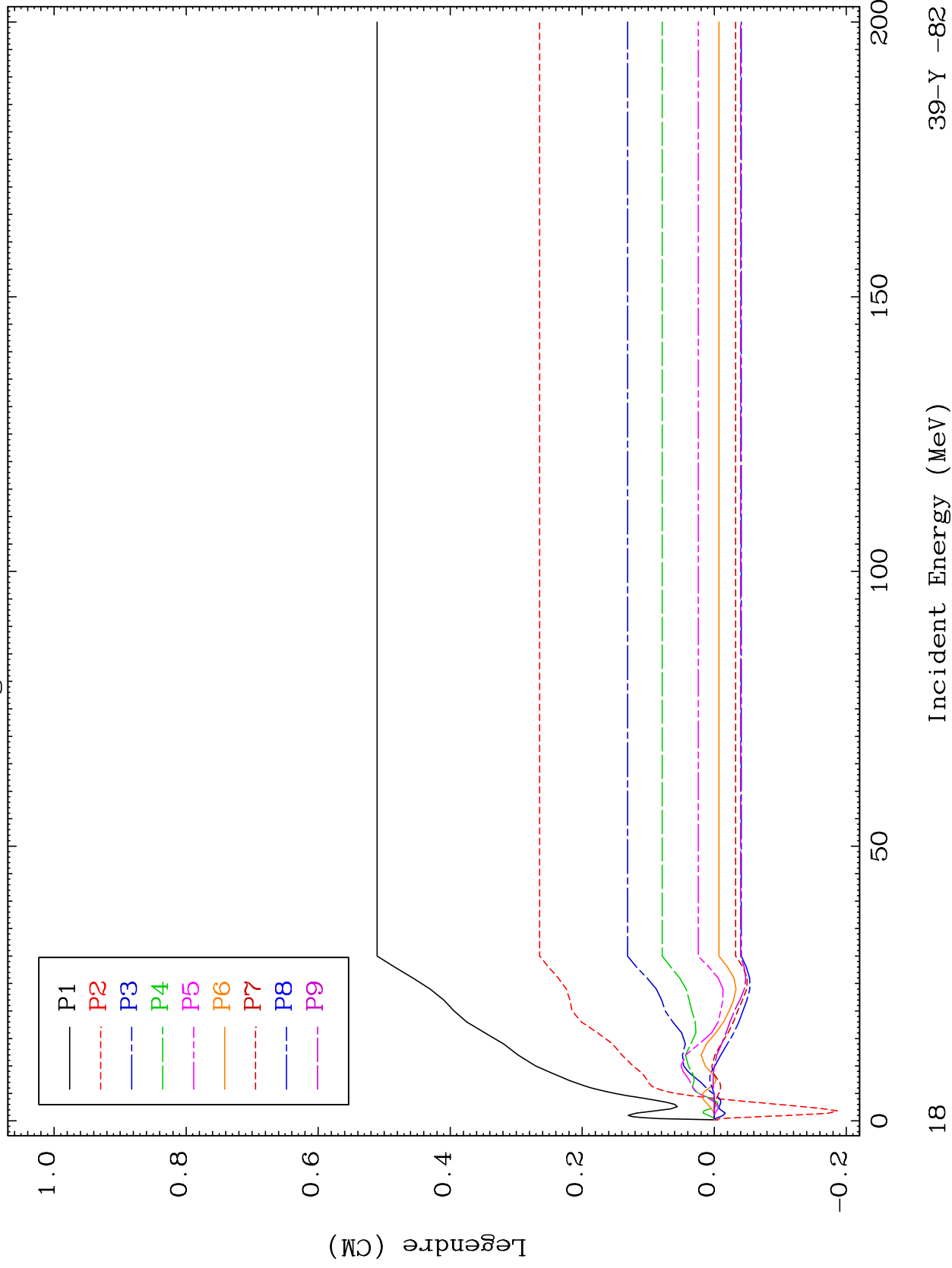
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



18

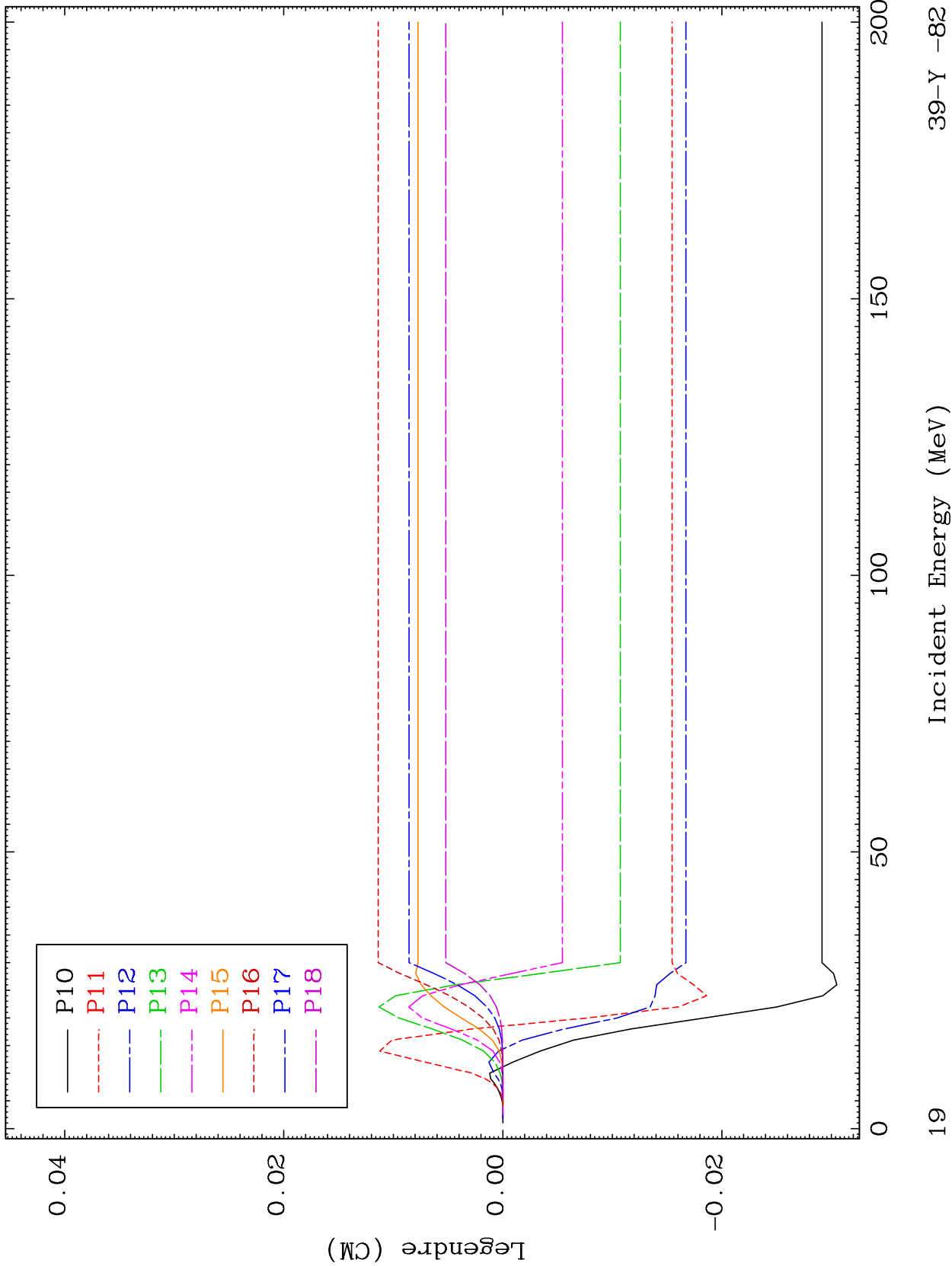
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



19

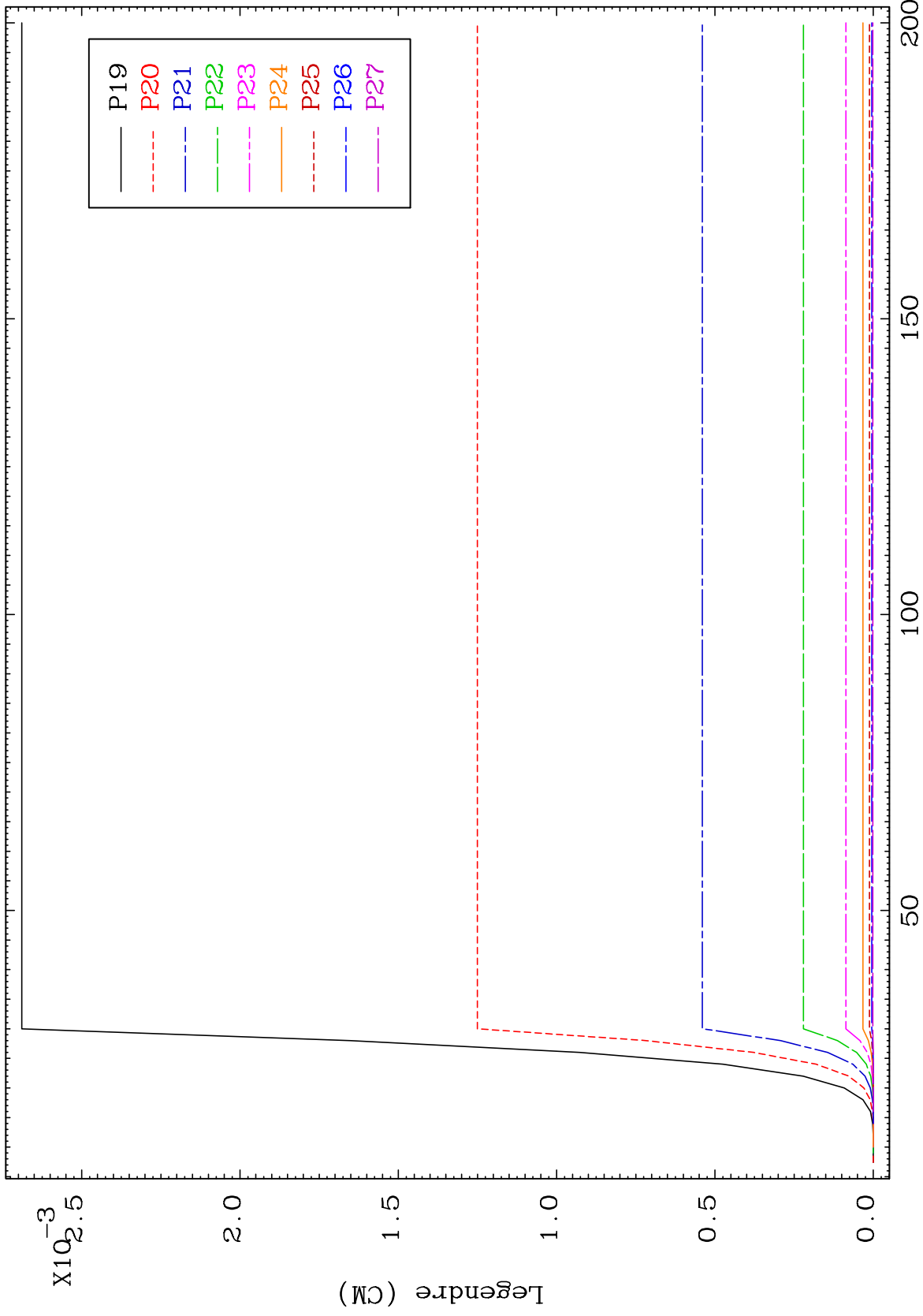
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



20

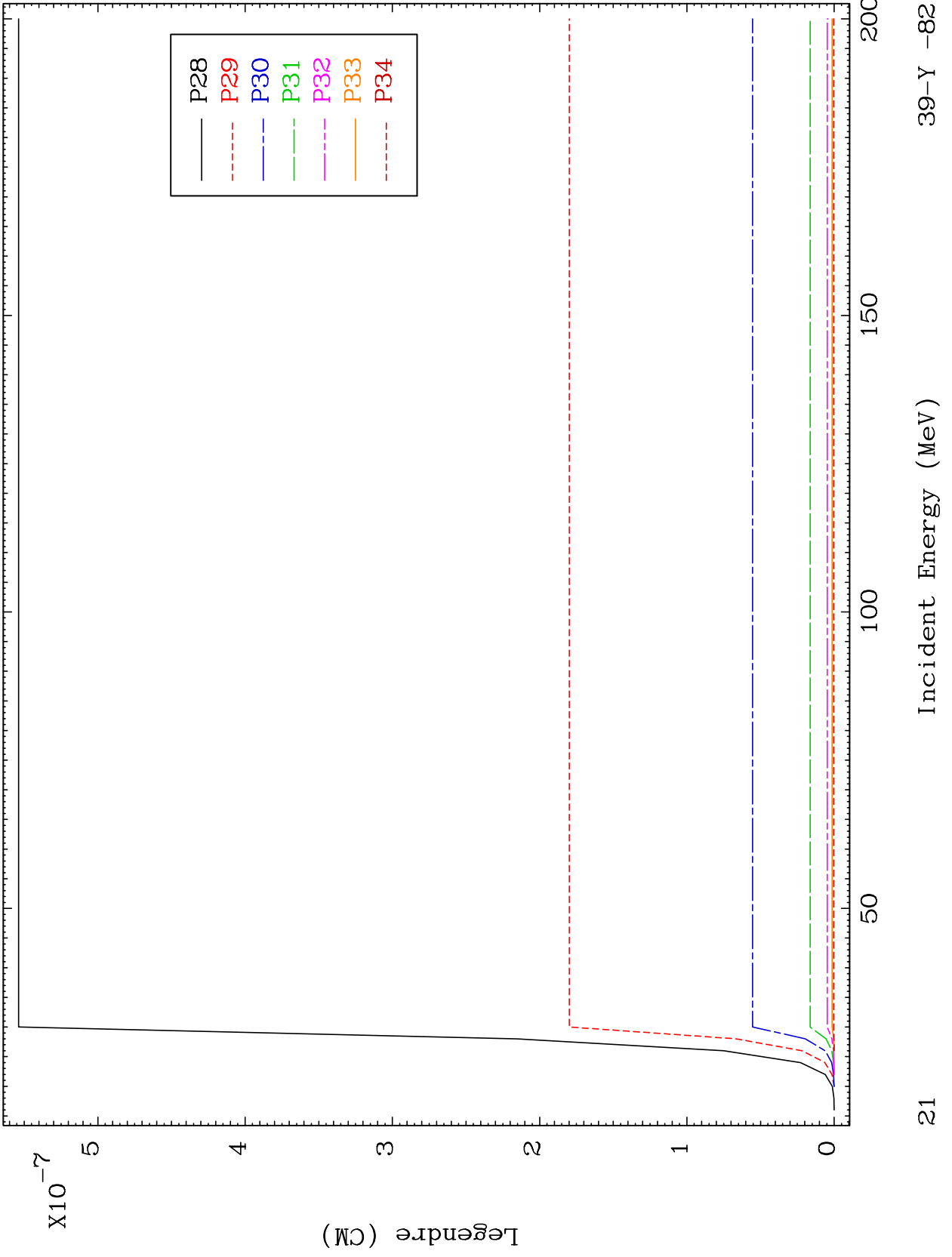
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82

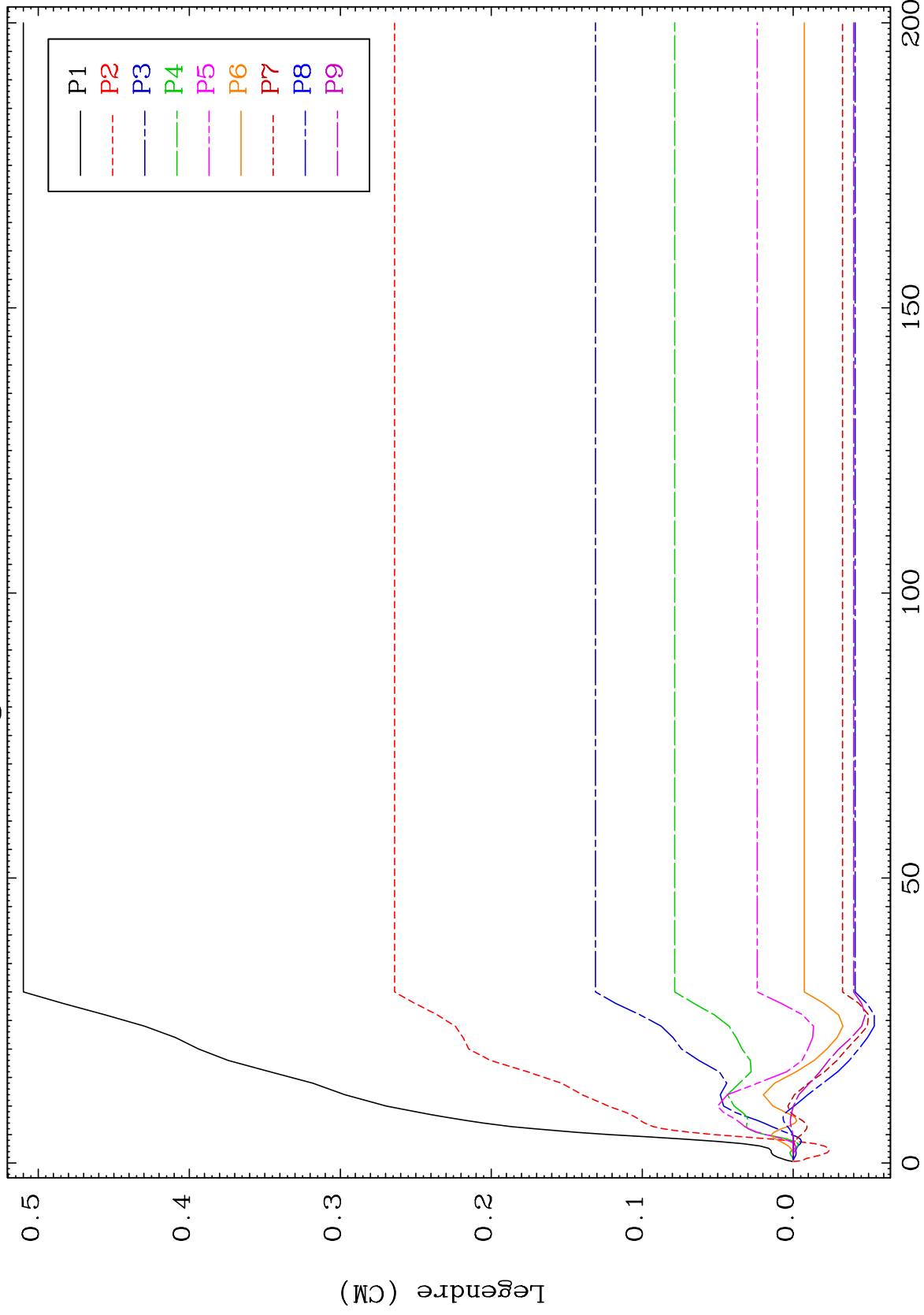


21

MAT 3904

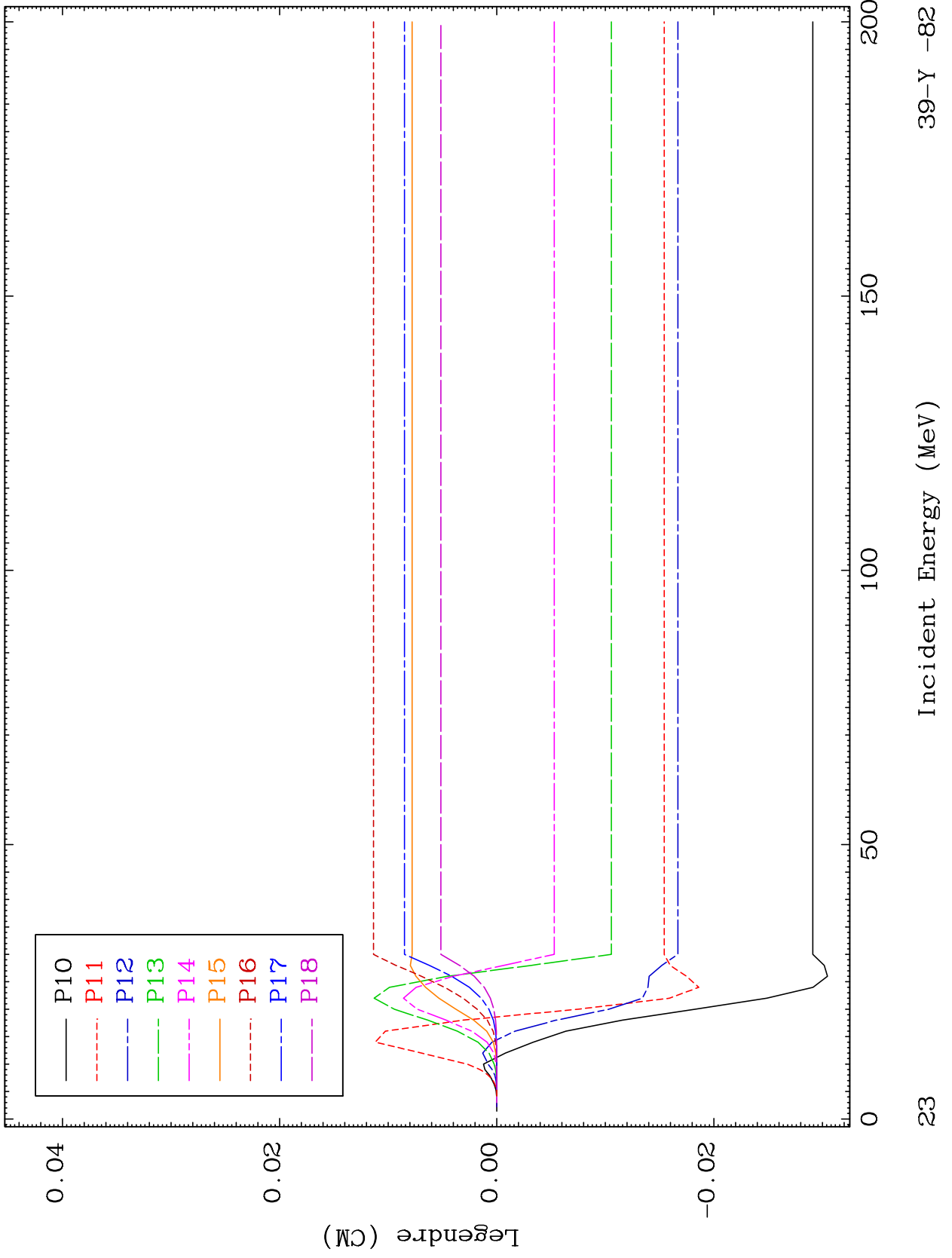
MT= 52 (n,n') Level  
Legendre Coefficients

39-Y -82



22

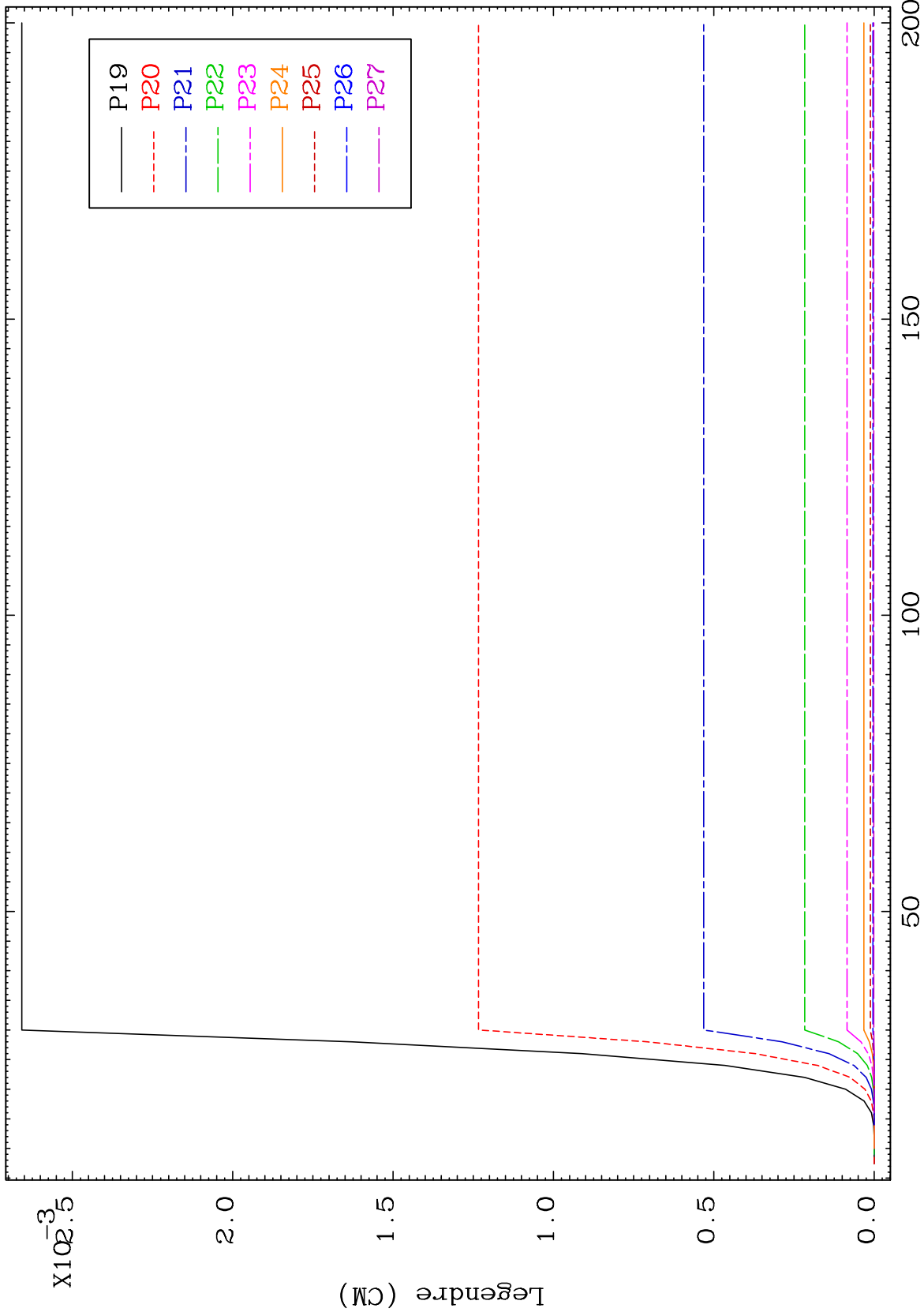
39-Y -82



MAT 3904

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

39-Y -82



24

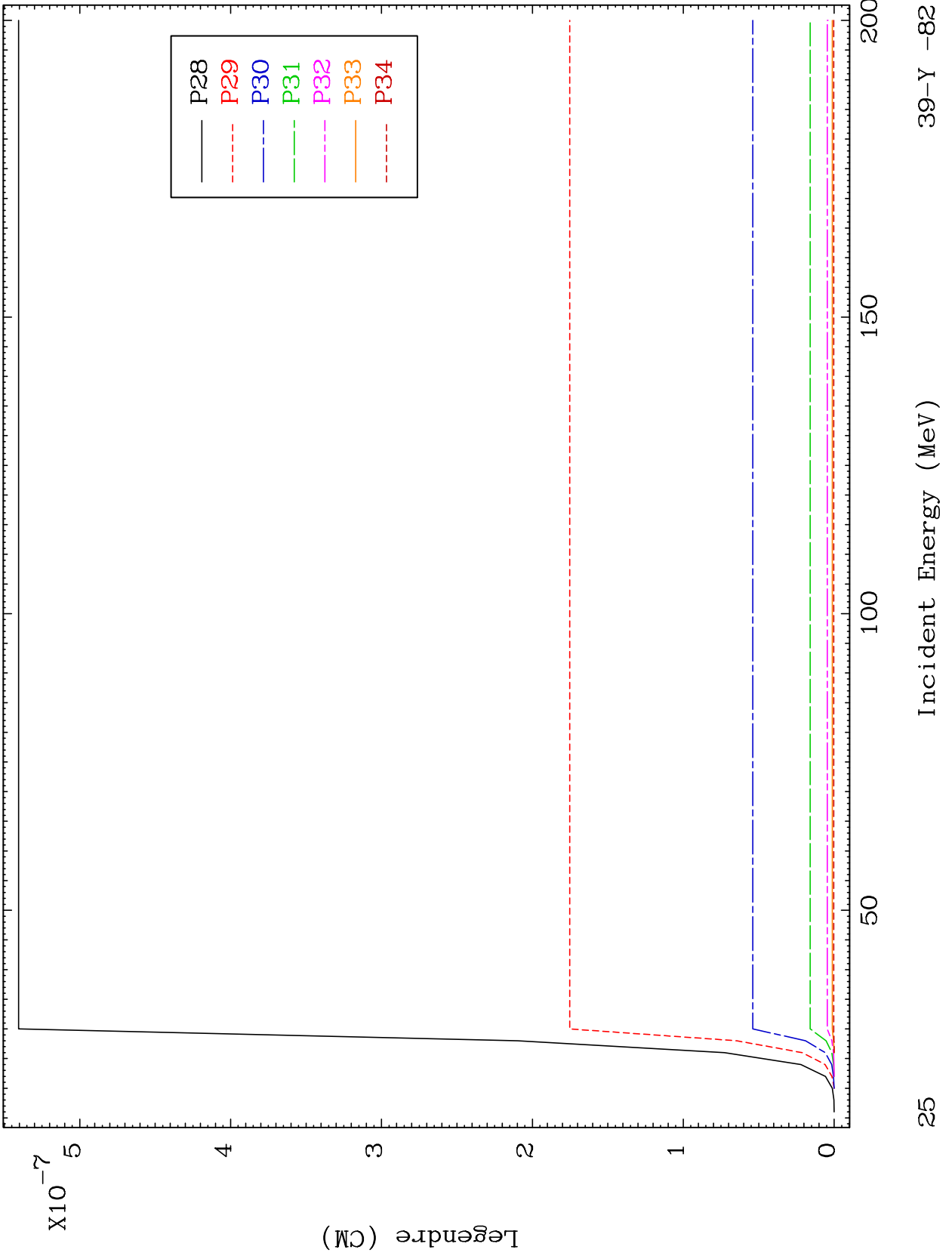
Incident Energy (MeV)

39-Y -82

MAT 3904

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

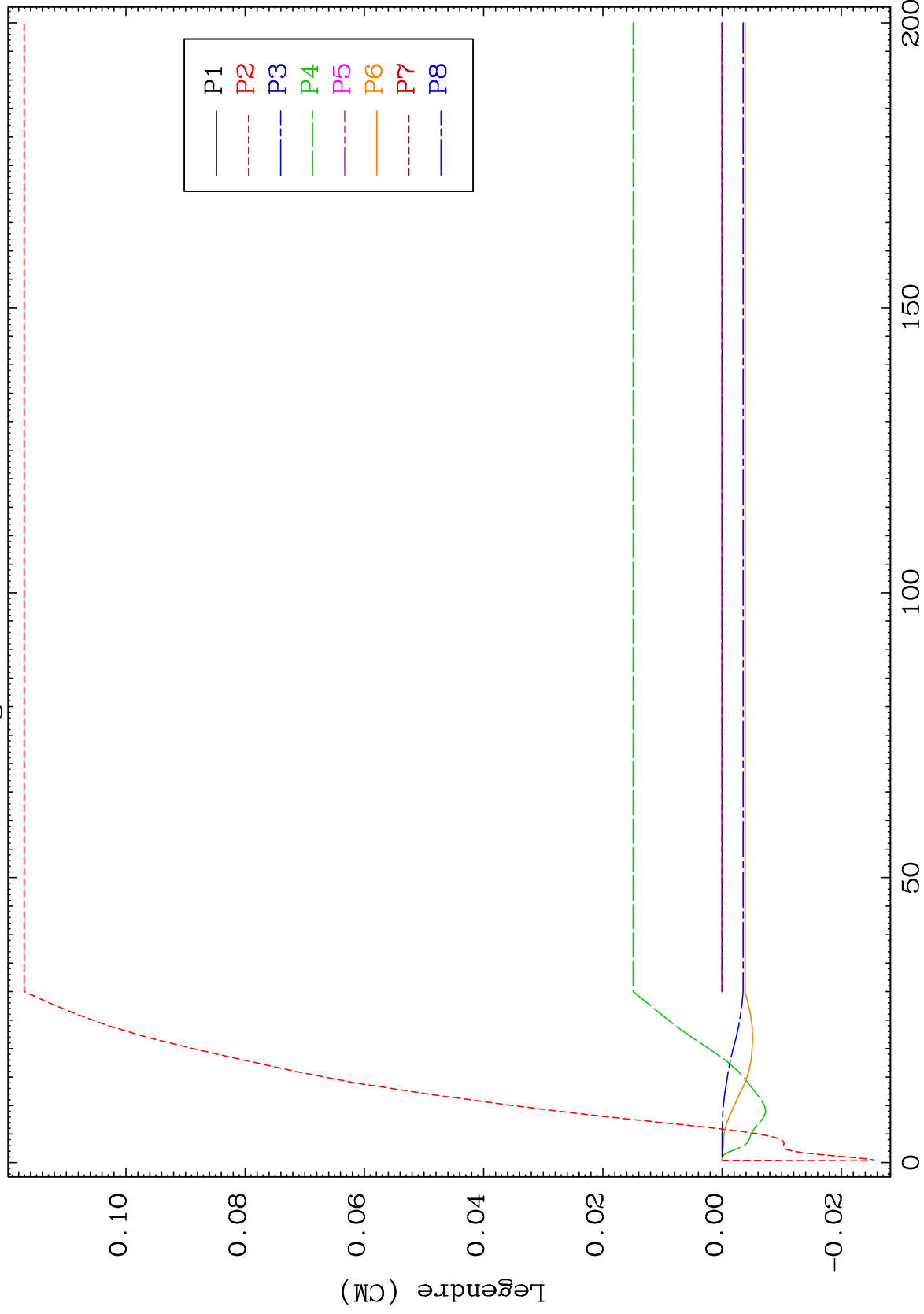
39-Y -82



MAT 3904

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

39-Y -82



26

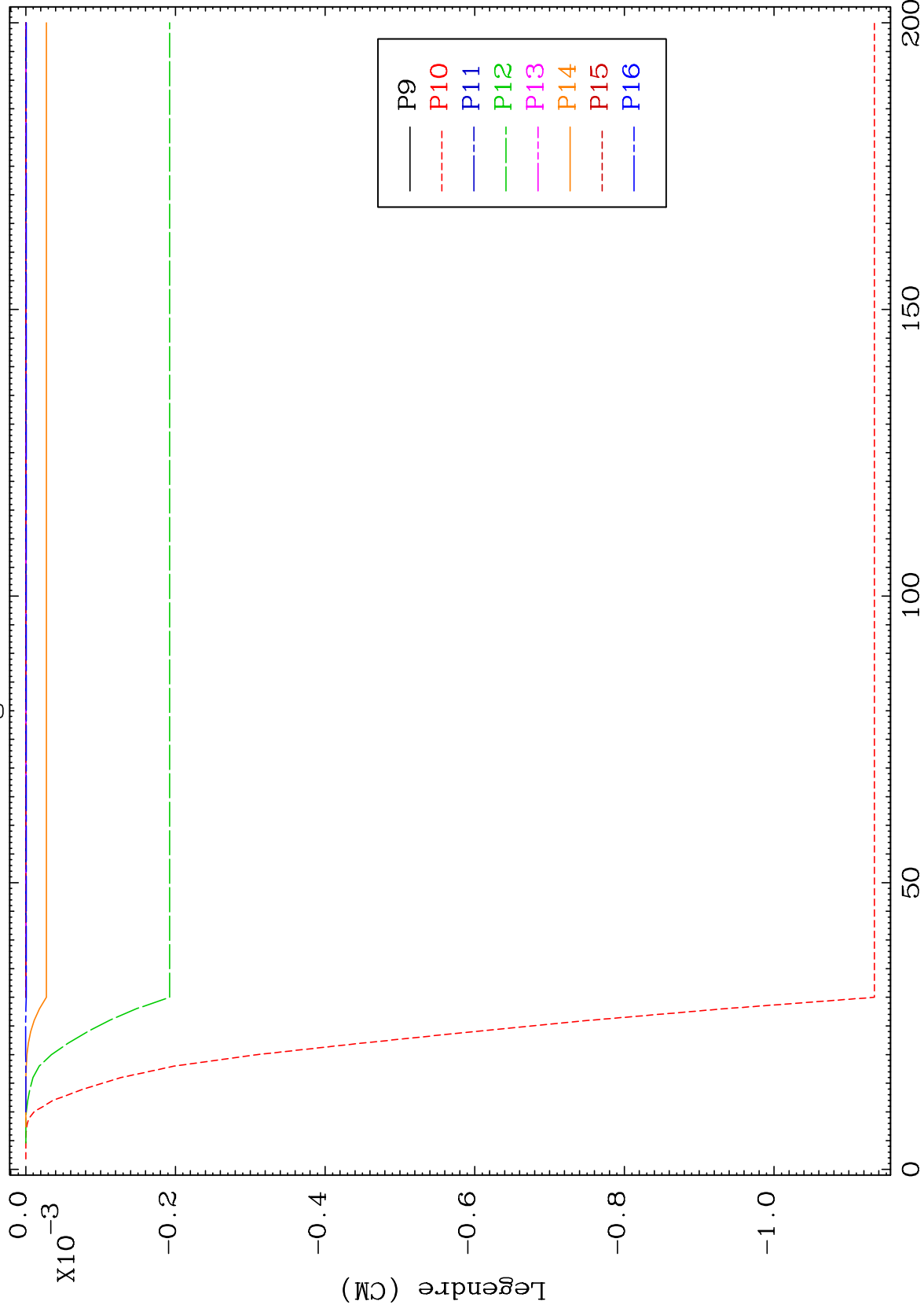
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



27

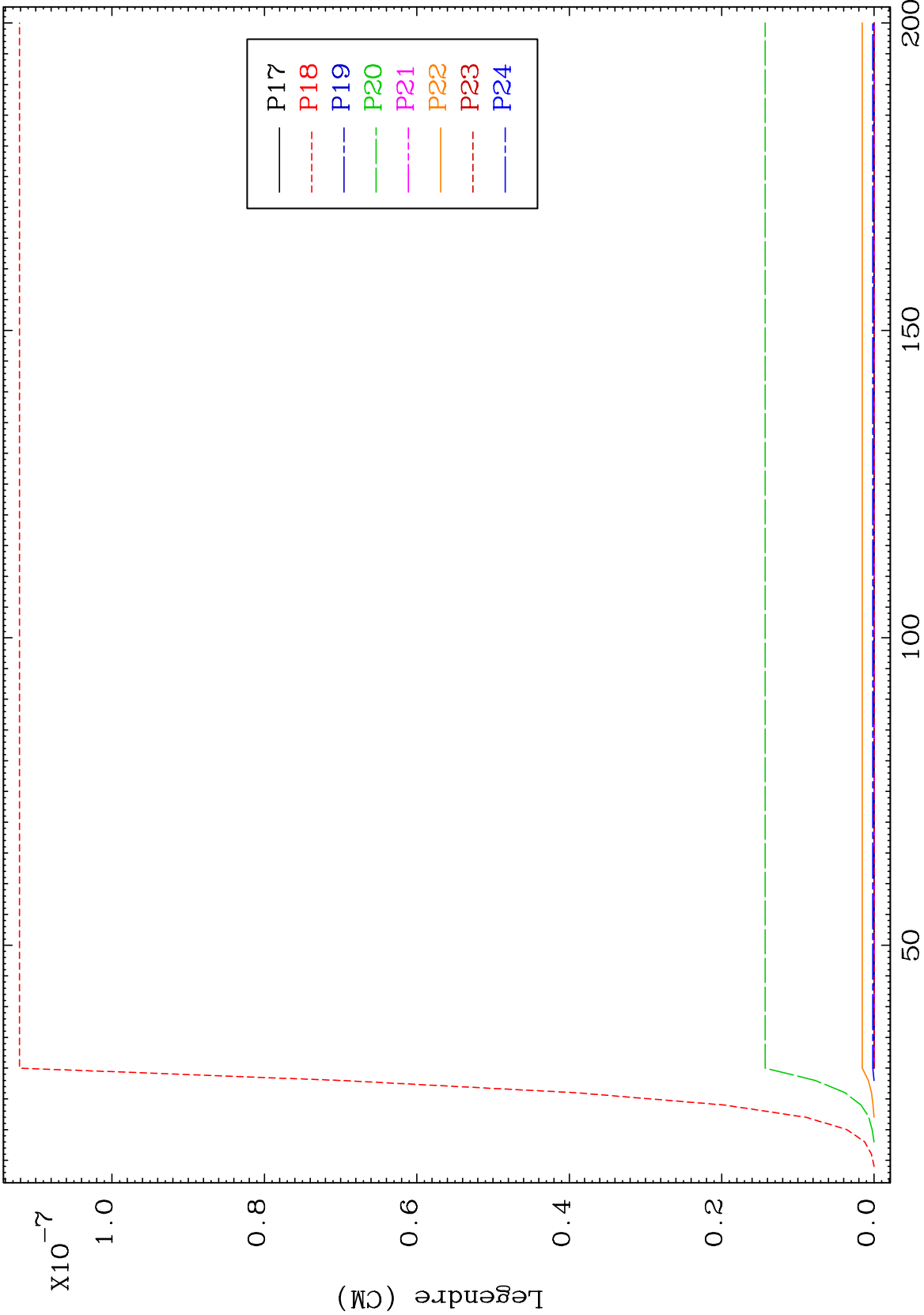
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



28

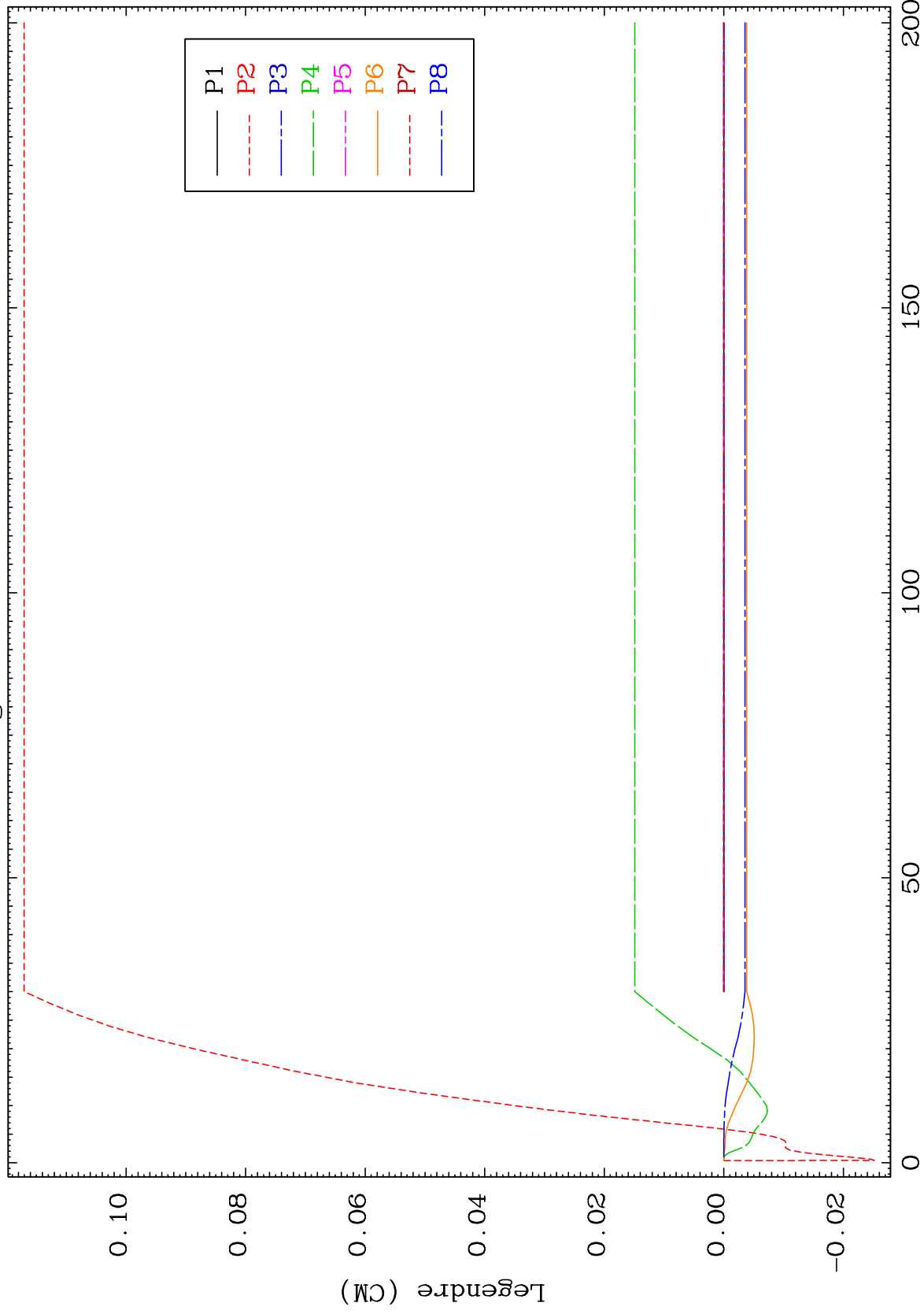
Incident Energy (MeV)

39-Y -82

MAT 3904

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

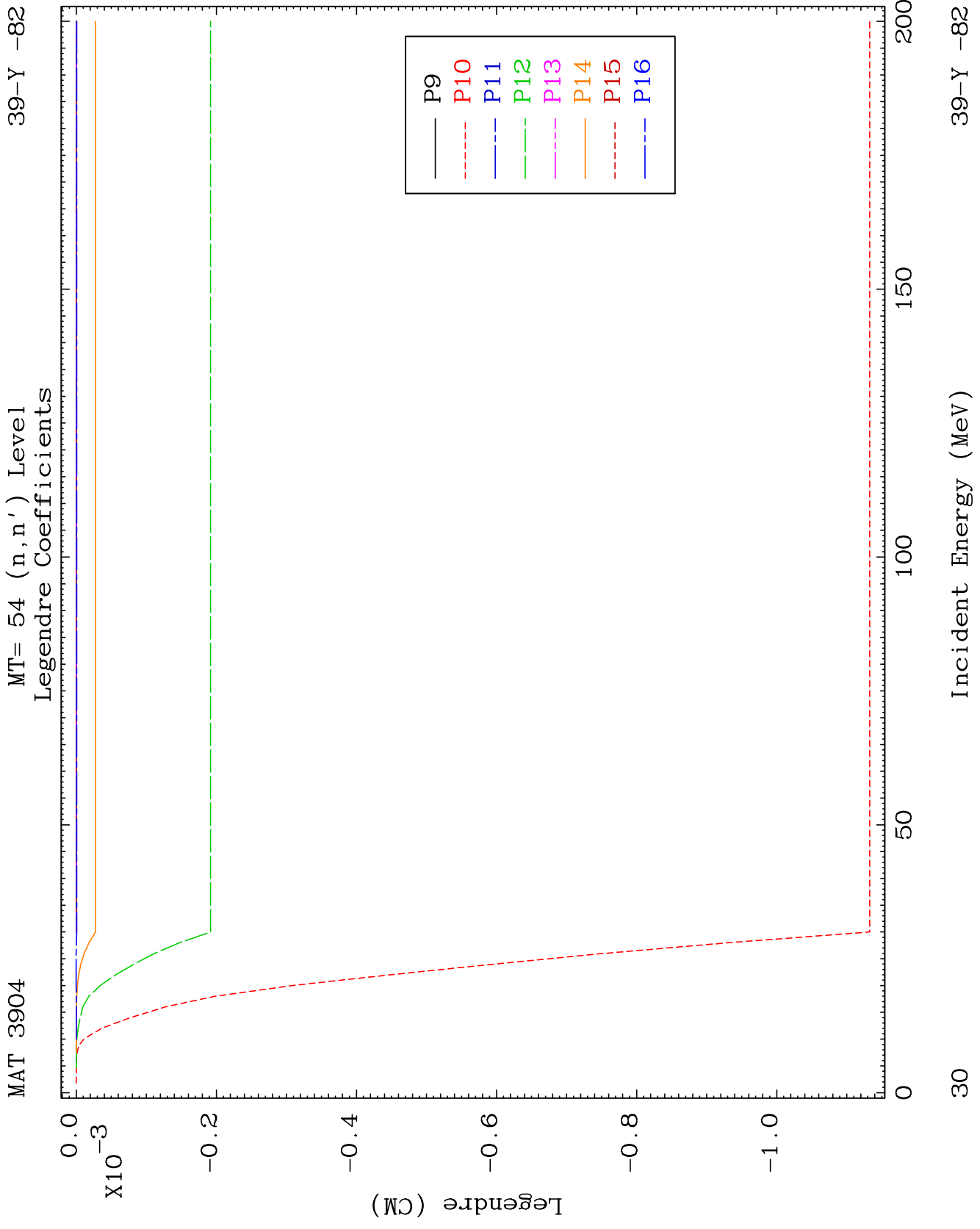
39-Y -82



29

Incident Energy (MeV)

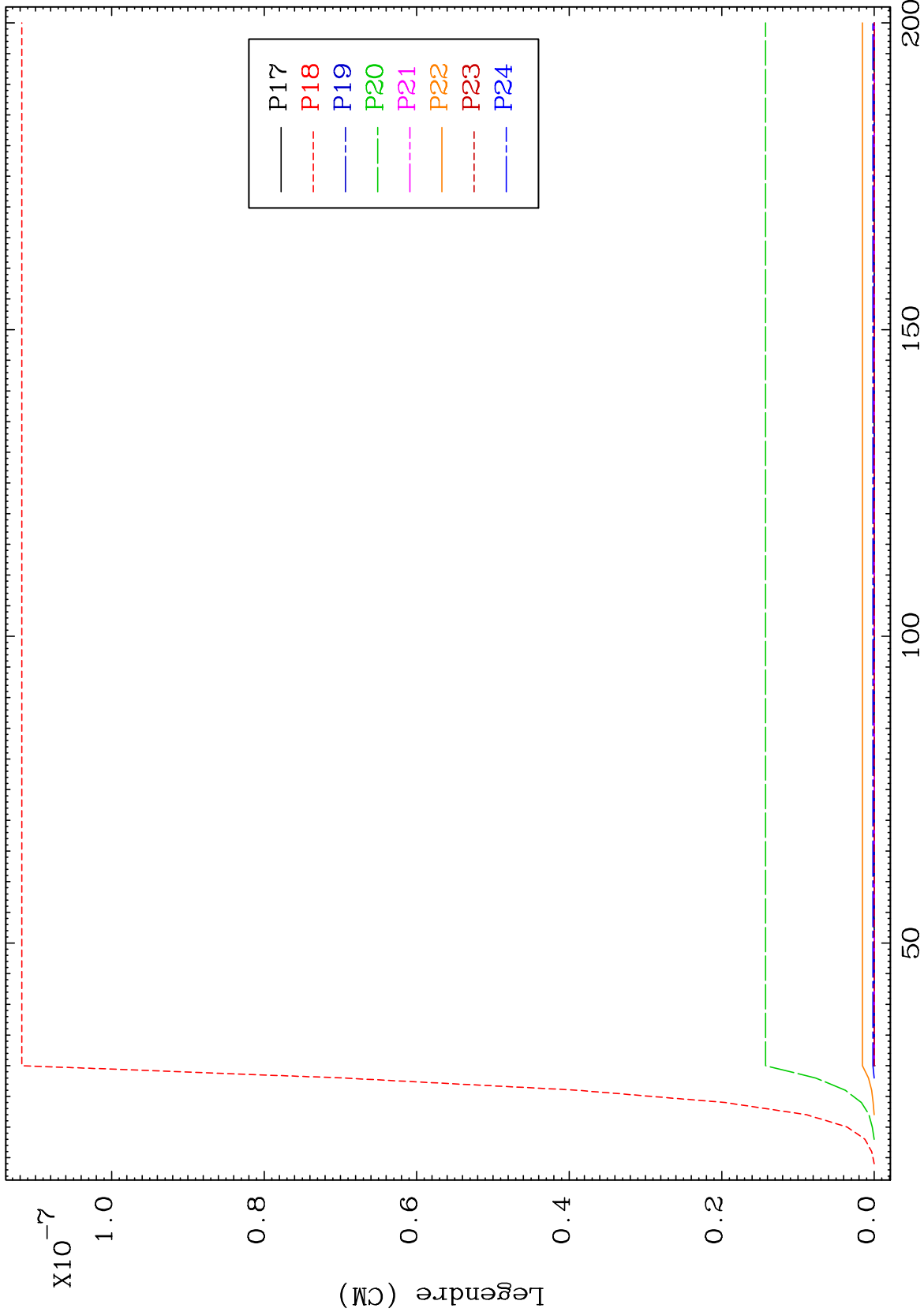
39-Y -82



MAT 3904

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

39-Y -82



31

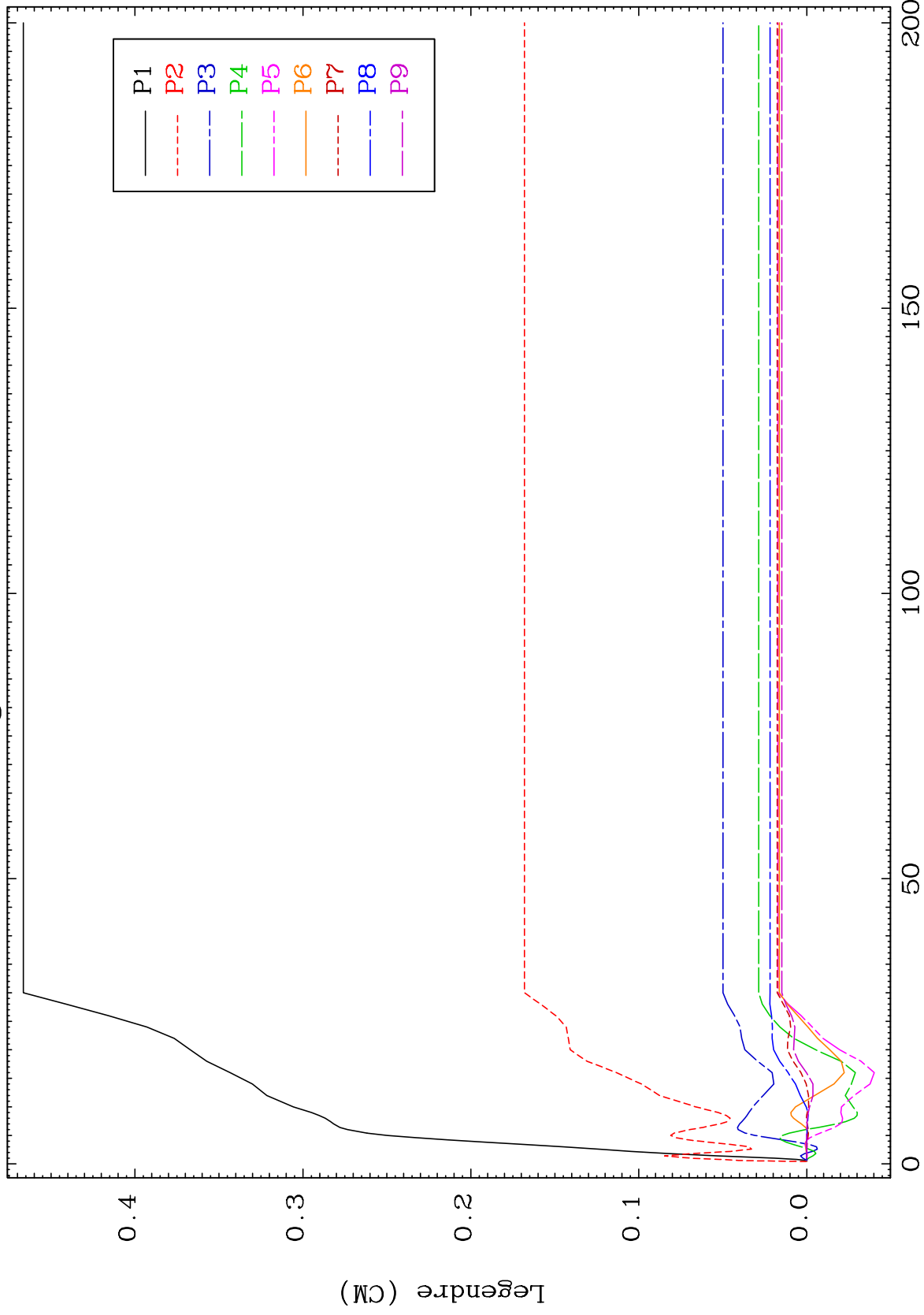
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



32

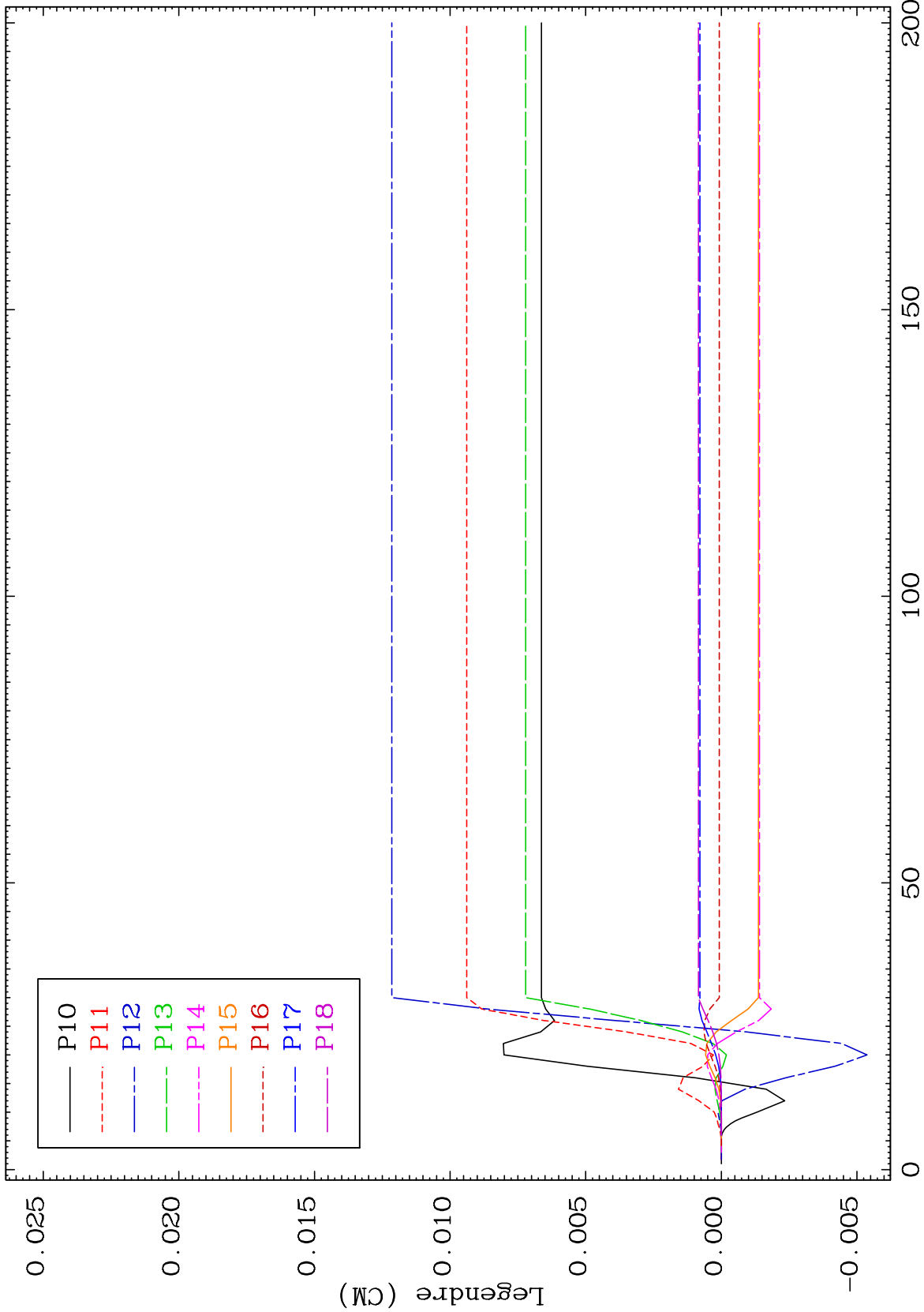
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



33

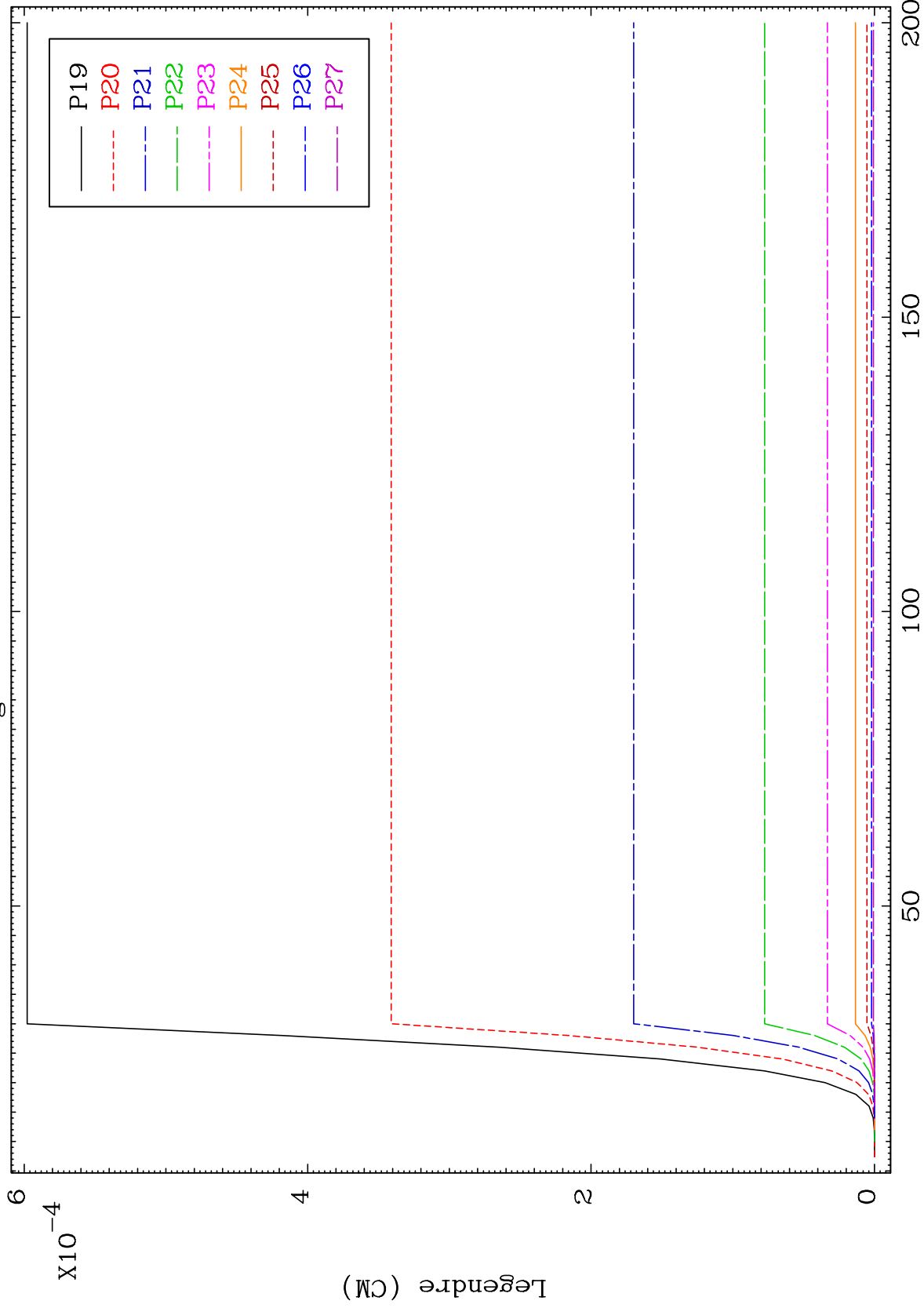
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



34

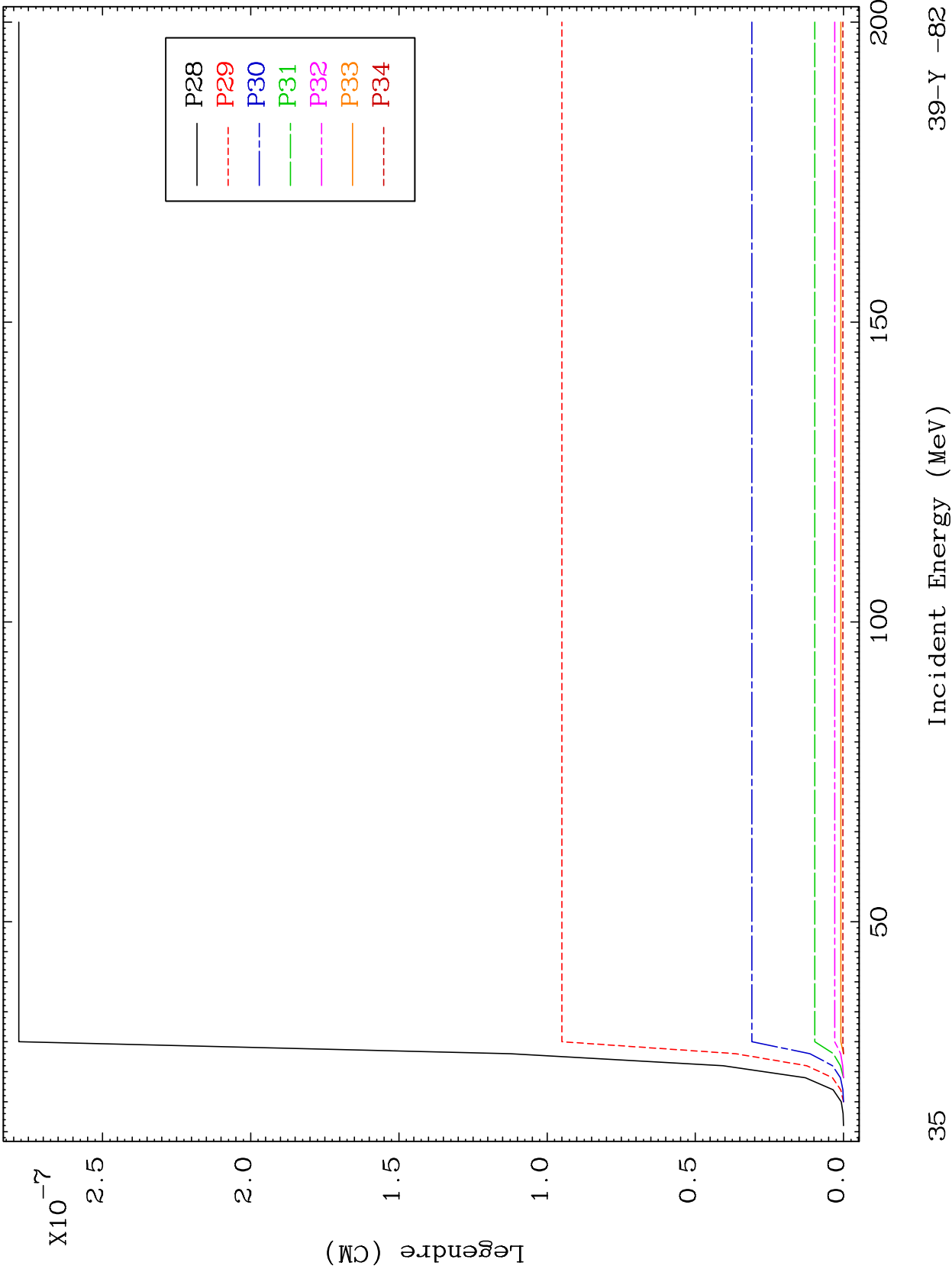
Incident Energy (MeV)

39-Y -82

MAT 3904

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

39-Y -82



35

Incident Energy (MeV)

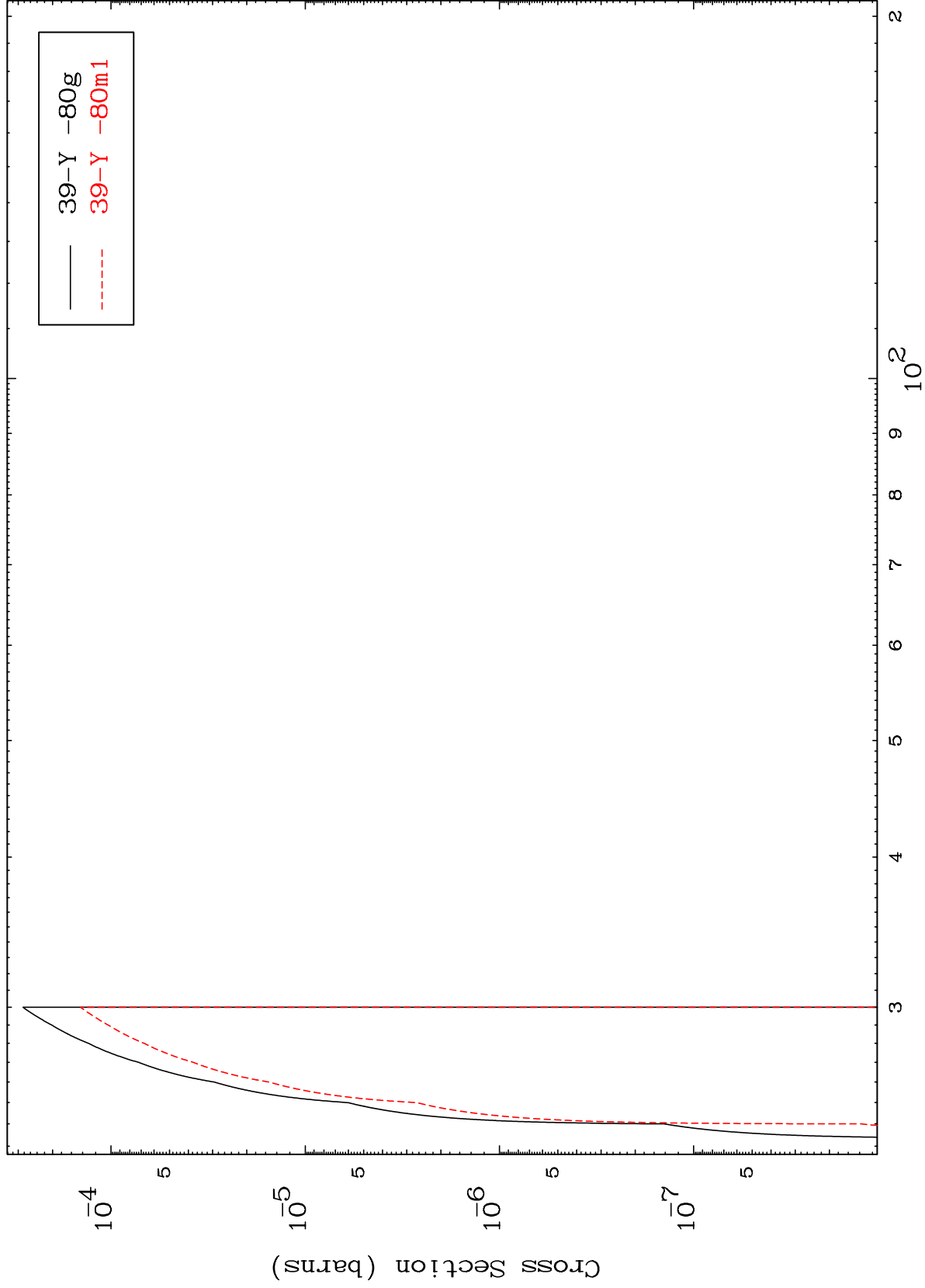
39-Y -82

MAT 3904

(n,3n)

39-Y -82

Radionuclide Production Cross Section



36

Incident Energy (MeV)

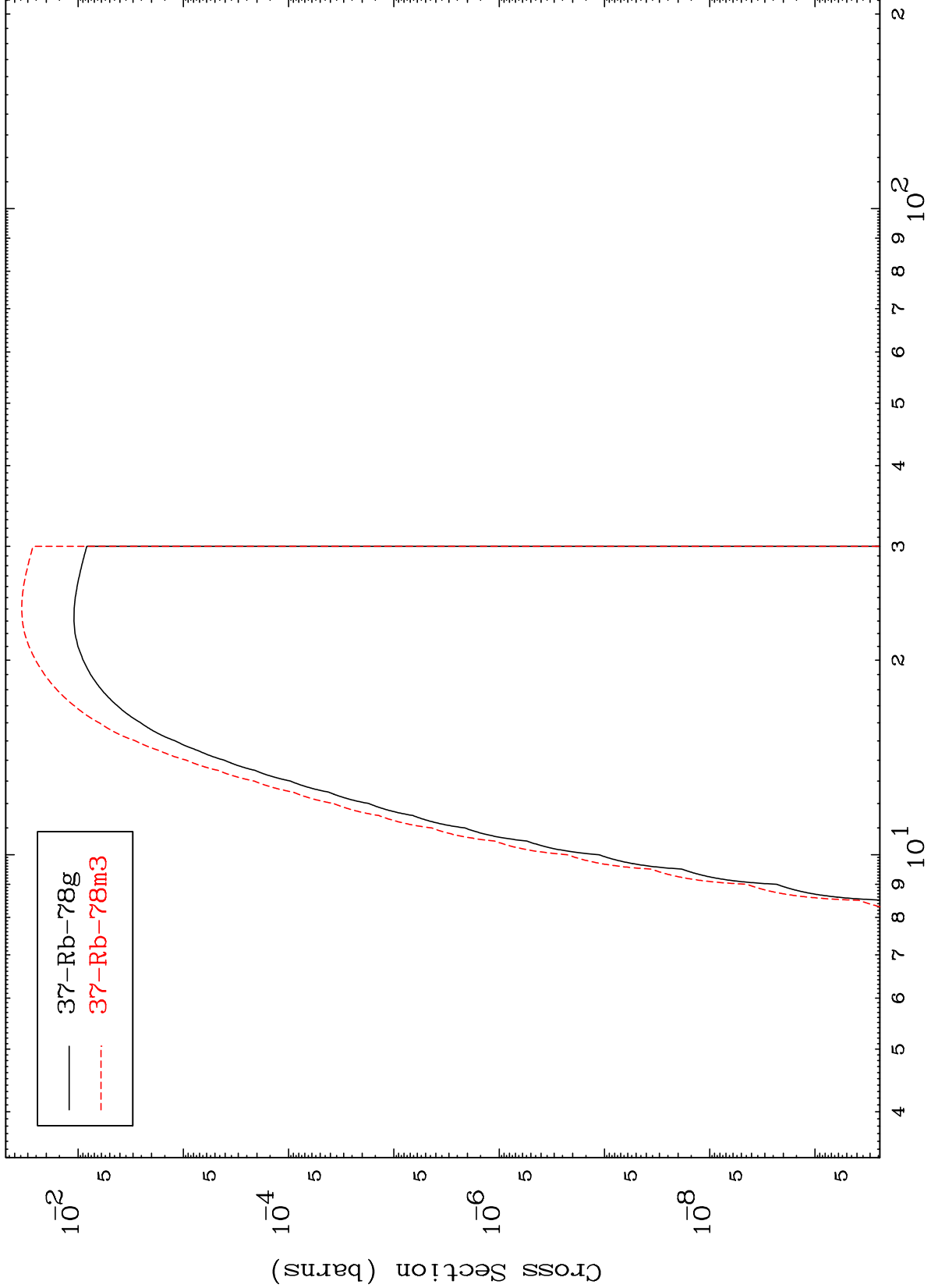
39-Y -82

MAT 3904

(n,n')  $\alpha$

39-Y -82

Radionuclide Production Cross Section



37

Incident Energy (MeV)

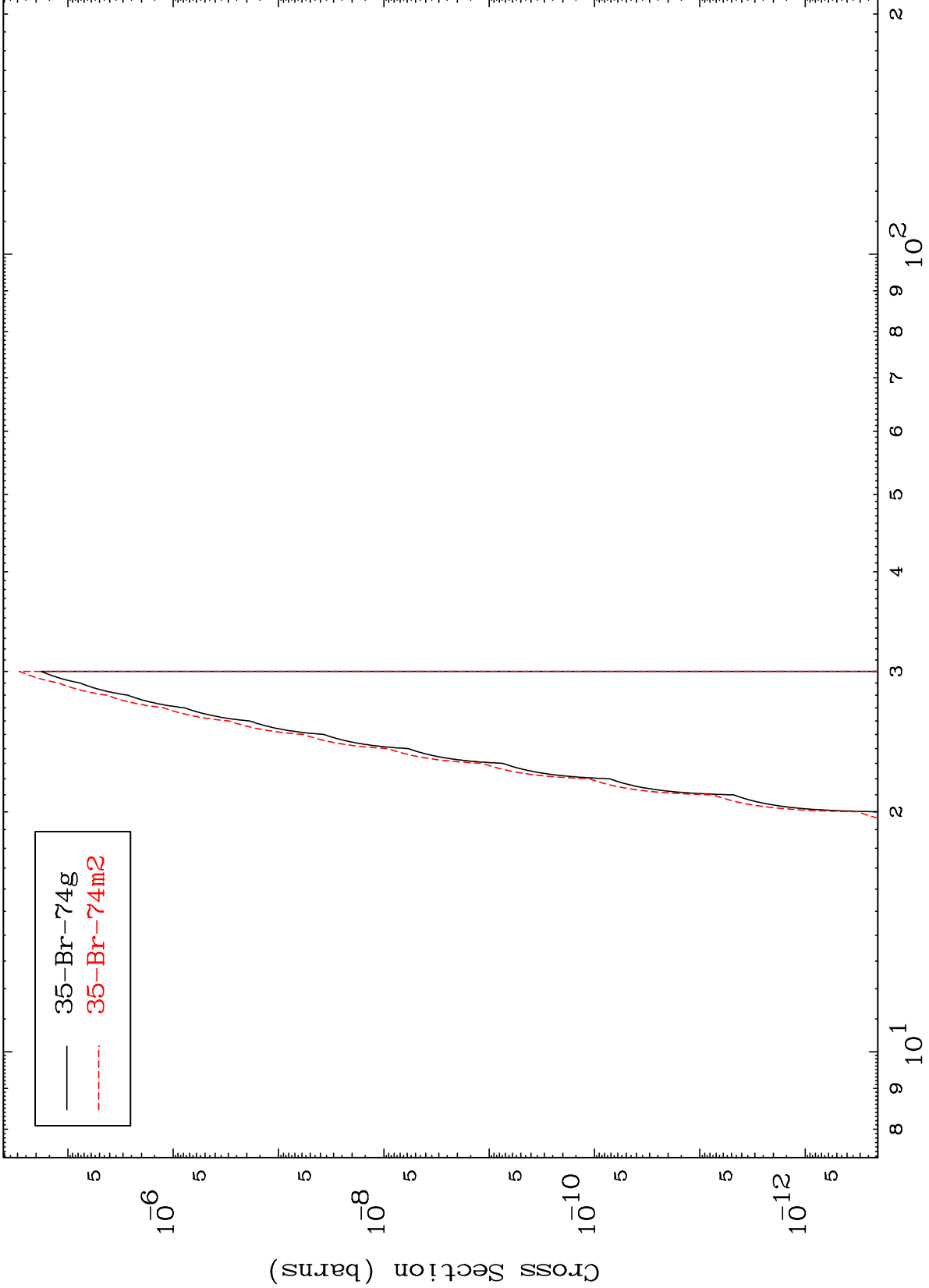
39-Y -82

MAT 3904

(n,n') 2α

39-Y -82

Radionuclide Production Cross Section



— 35-Br-74g  
- - - 35-Br-74m2

38

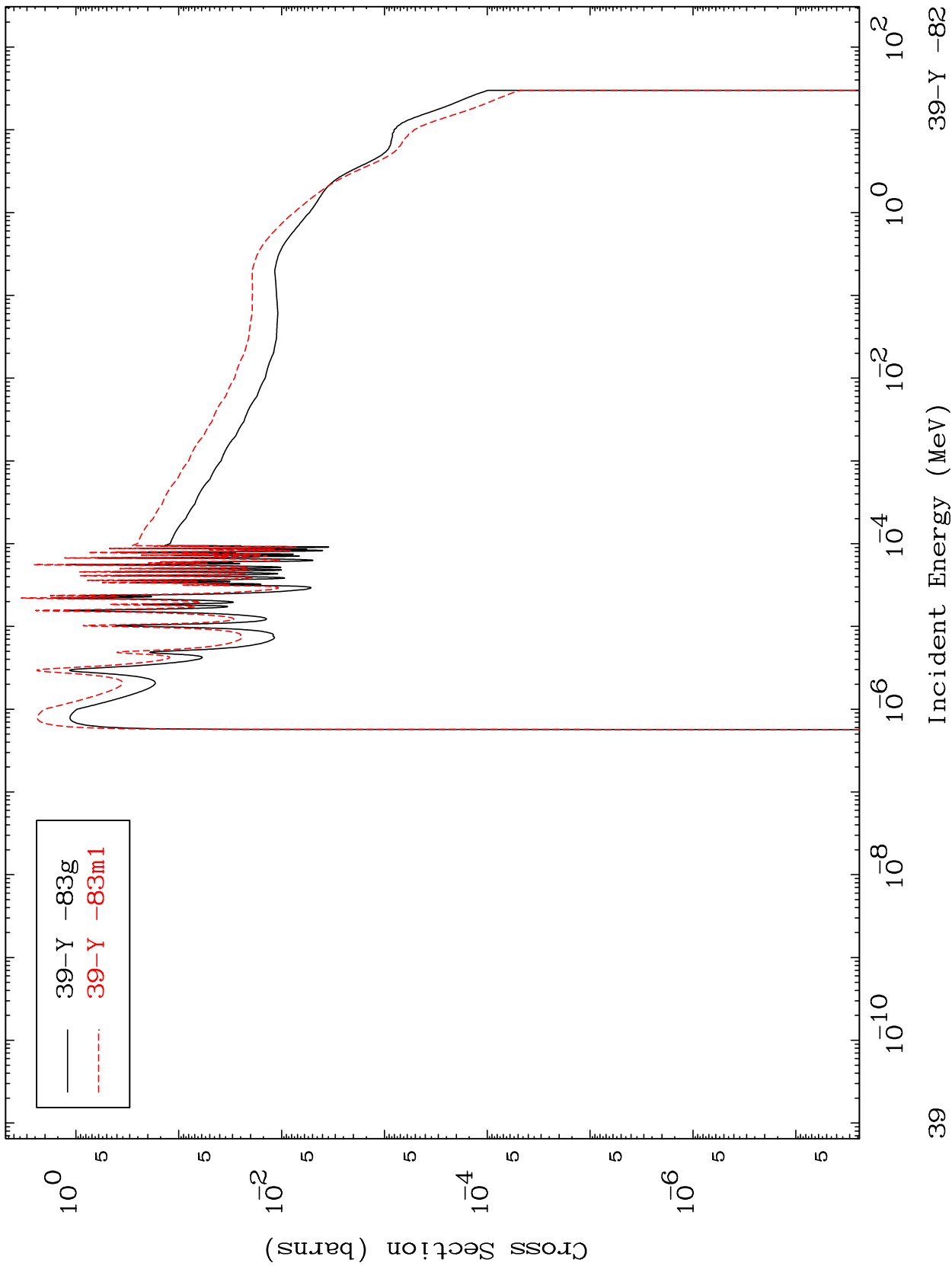
Incident Energy (MeV)

39-Y -82

MAT 3904

39-Y -82

(n,γ)  
Radionuclide Production Cross Section



39

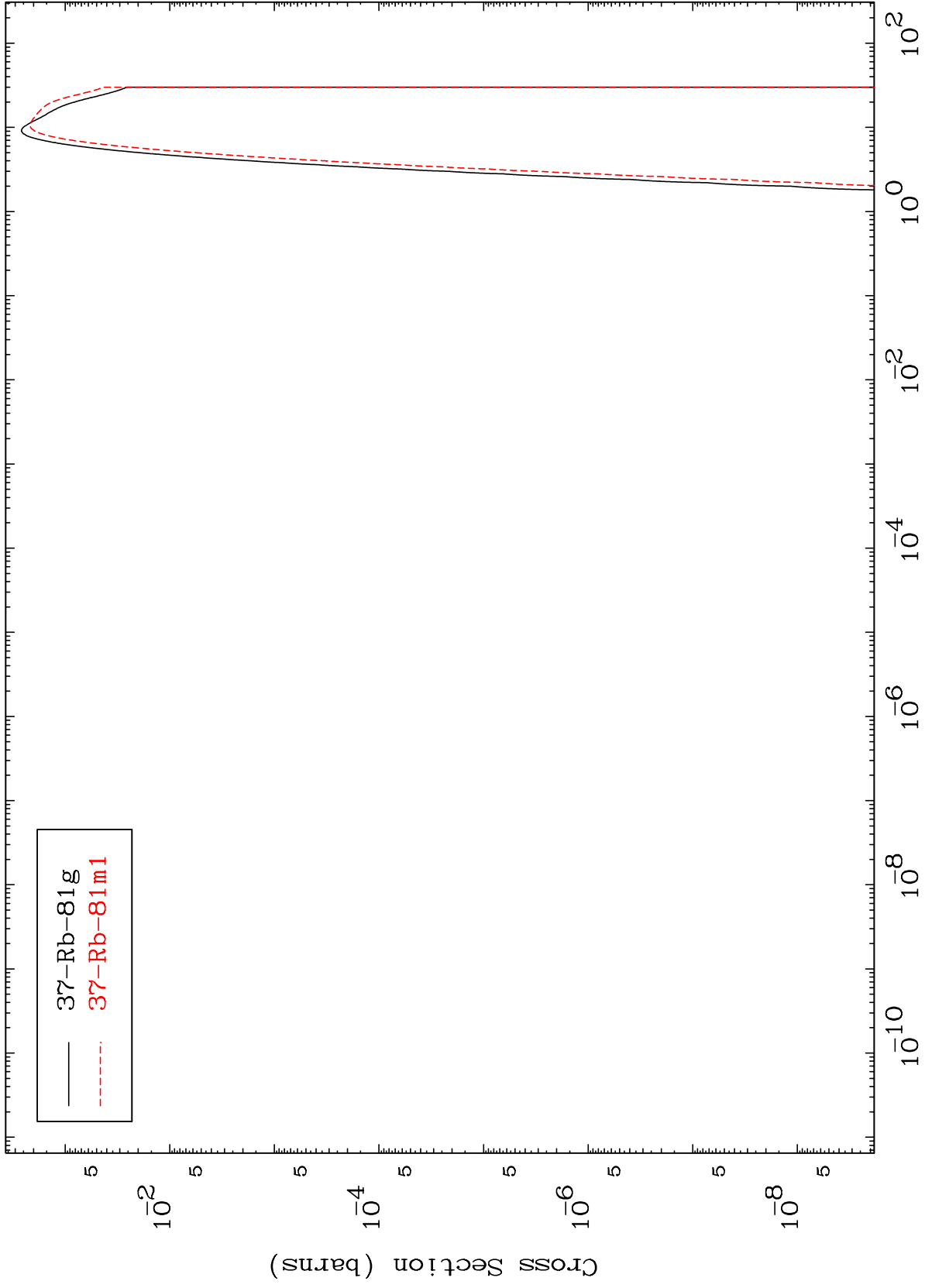
39-Y -82

MAT 3904

(n,2p)

39-Y -82

Radionuclide Production Cross Section



— 37-Rb-81g  
- - - 37-Rb-81m1

Incident Energy (MeV)

39-Y -82

40