

Program EVALPLOT  
(Version 2021-1)

by

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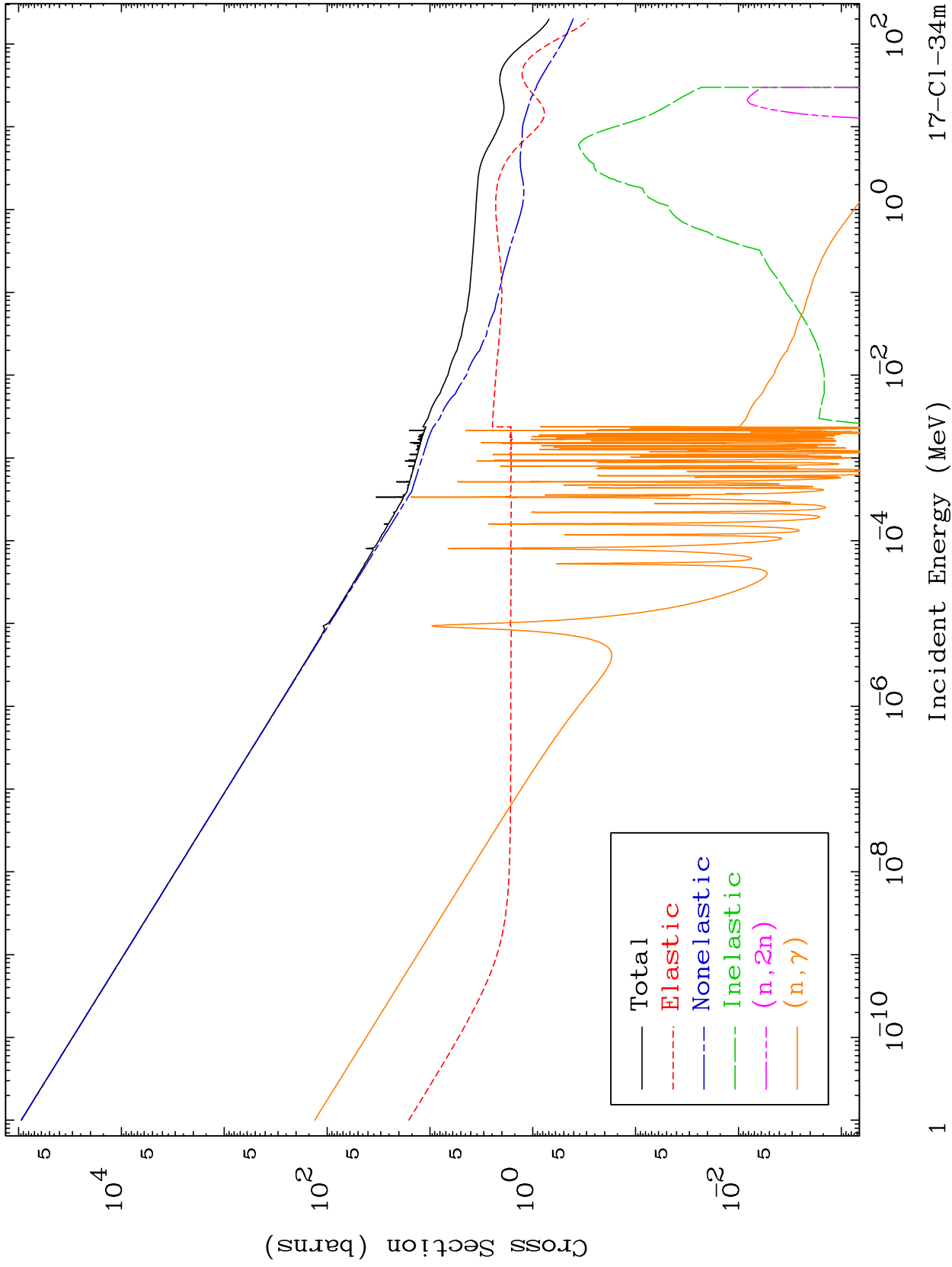
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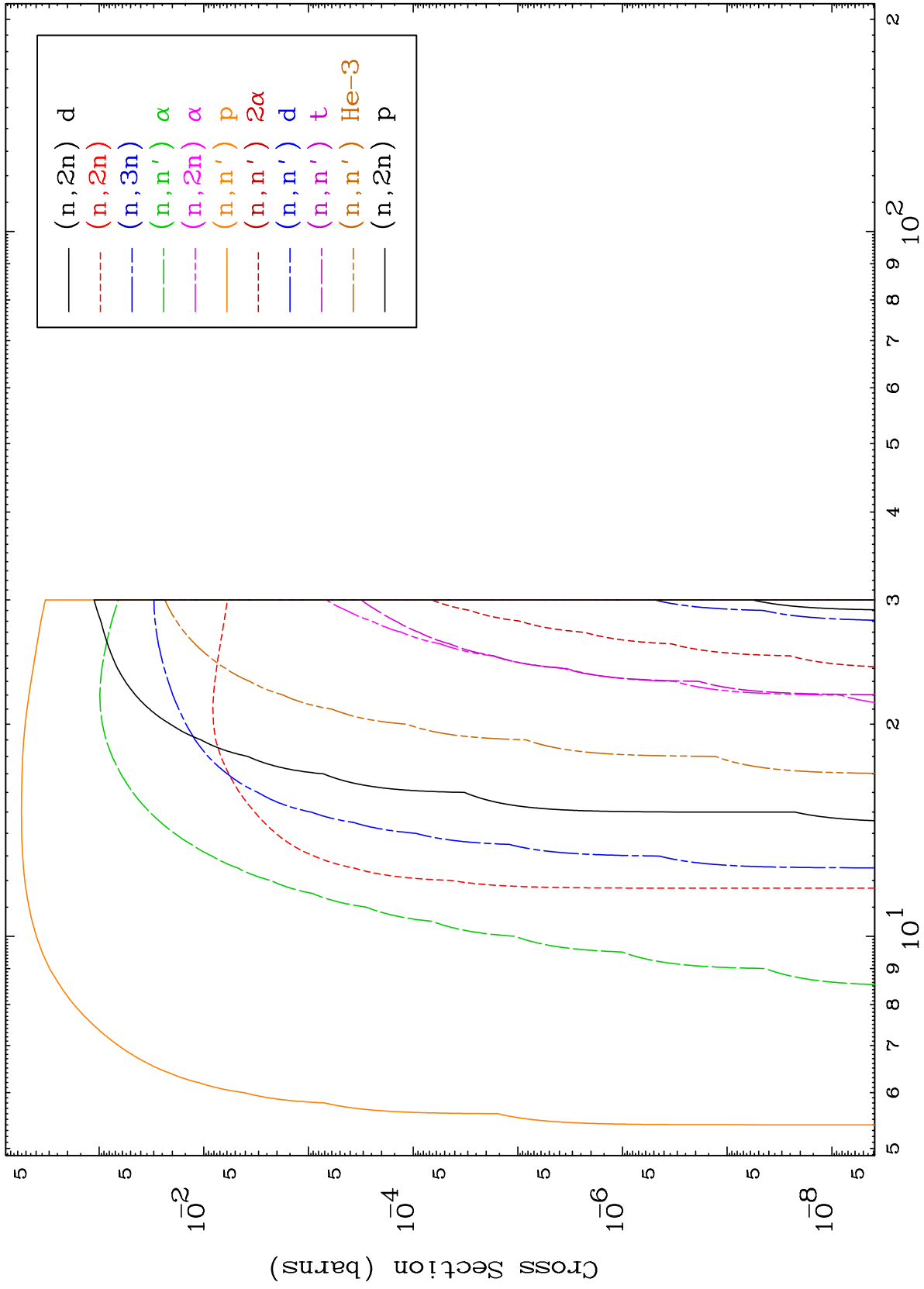
Press Mouse Button to Start

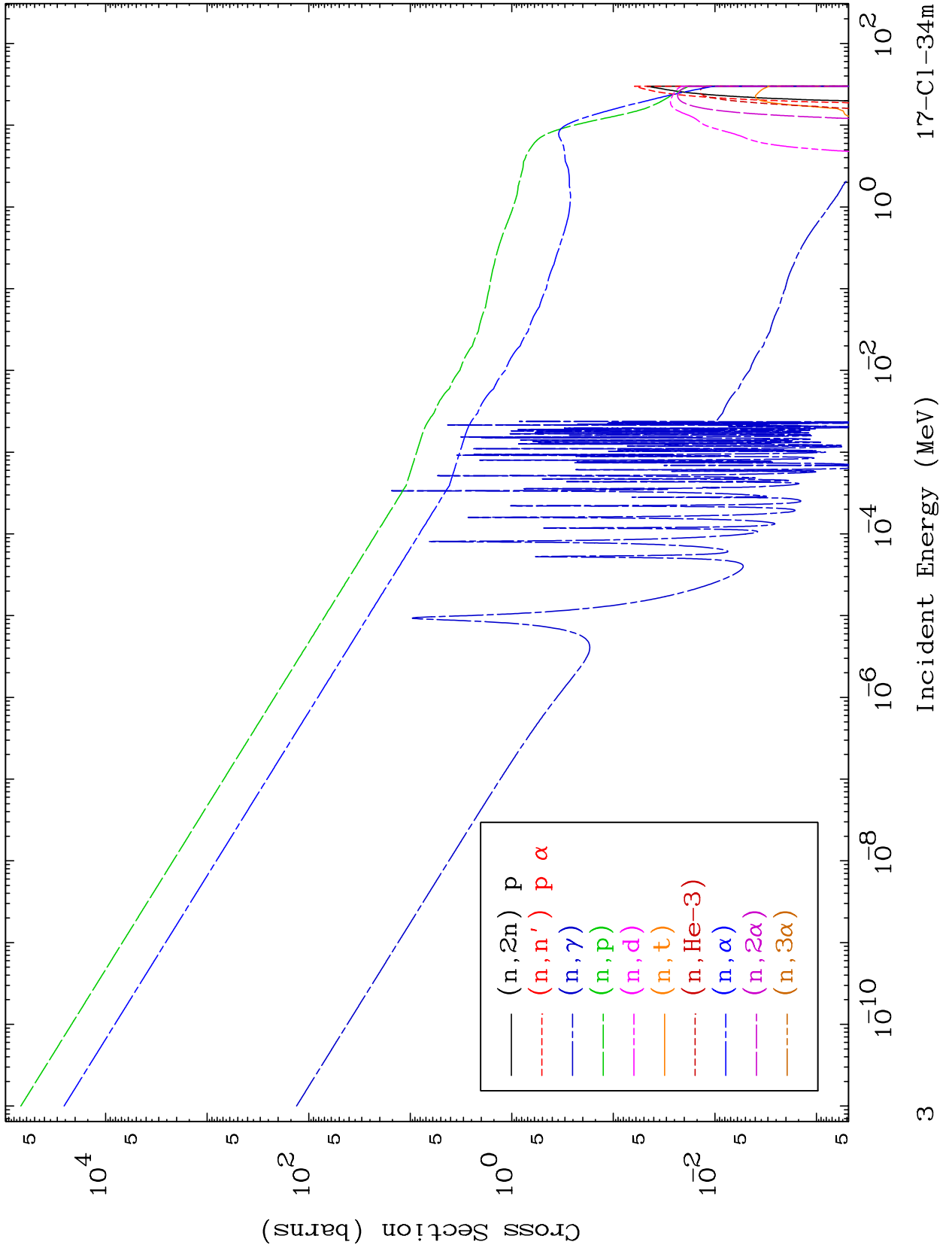
MAT 1723

Neutron Major  
293 Kelvin Cross Sections

17-Cl-34m



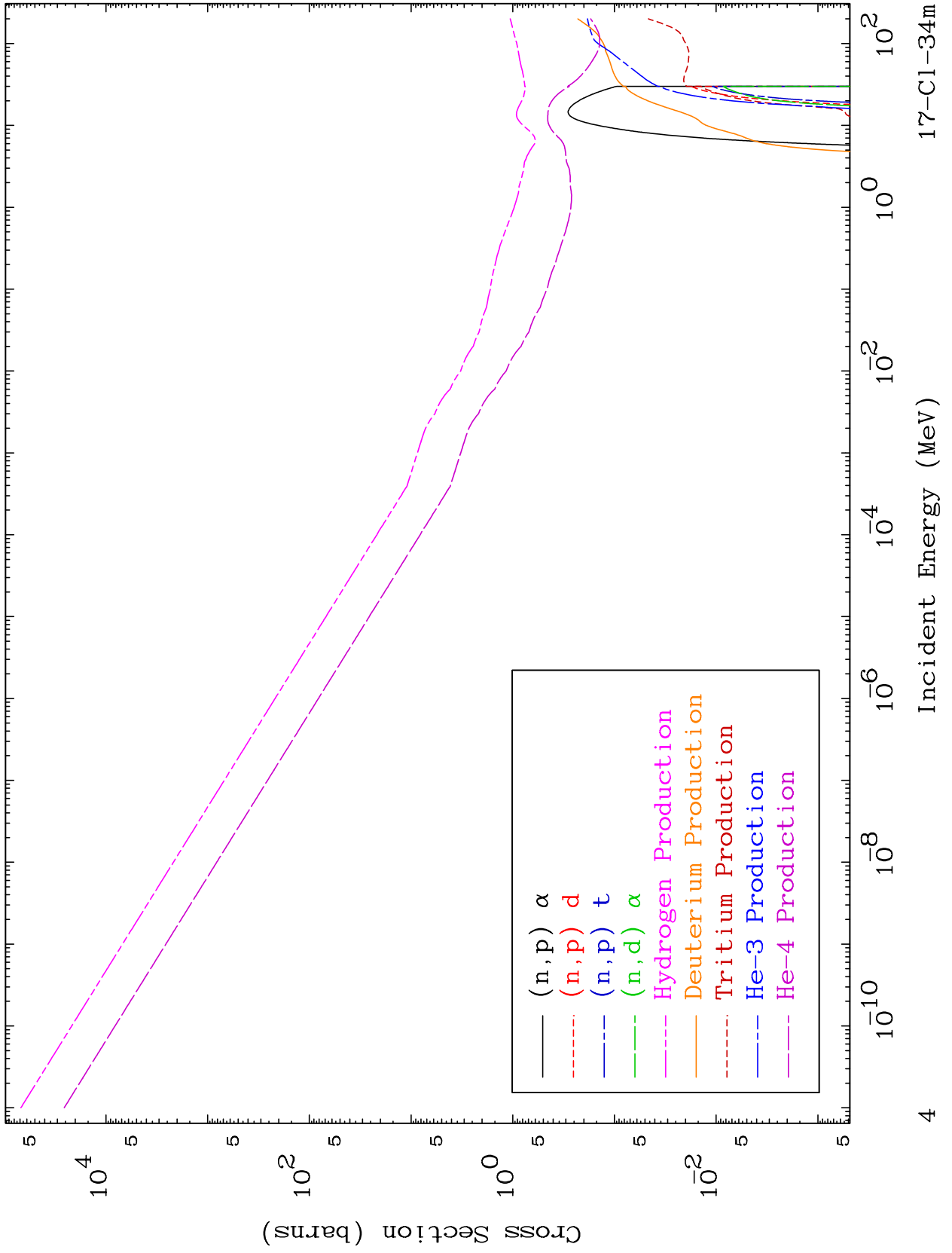




MAT 1723

Neutron Absorption  
293 Kelvin Cross Sections

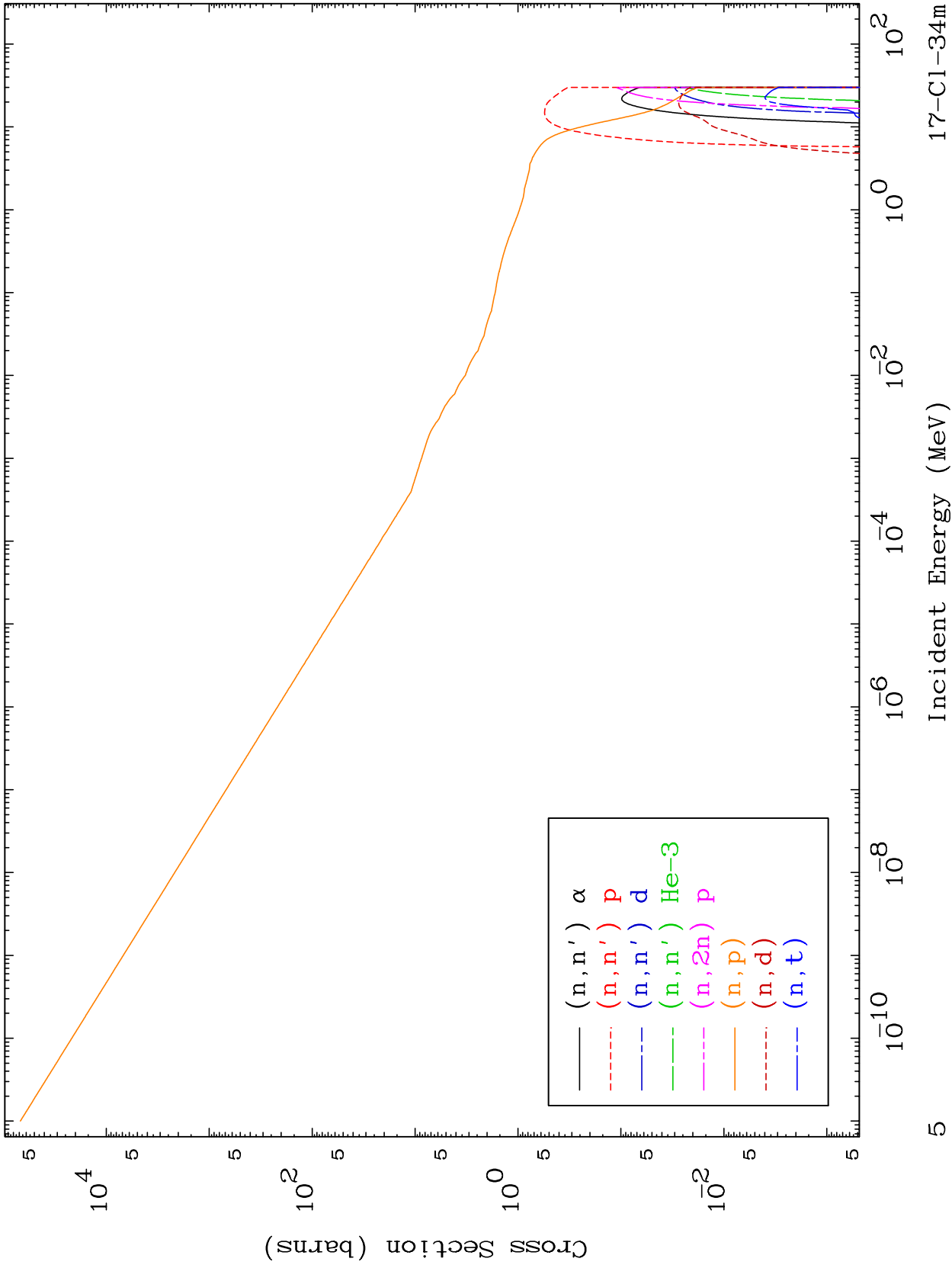
17-Cl-34m



MAT 1723

Charged Particle  
293 Kelvin Cross Sections

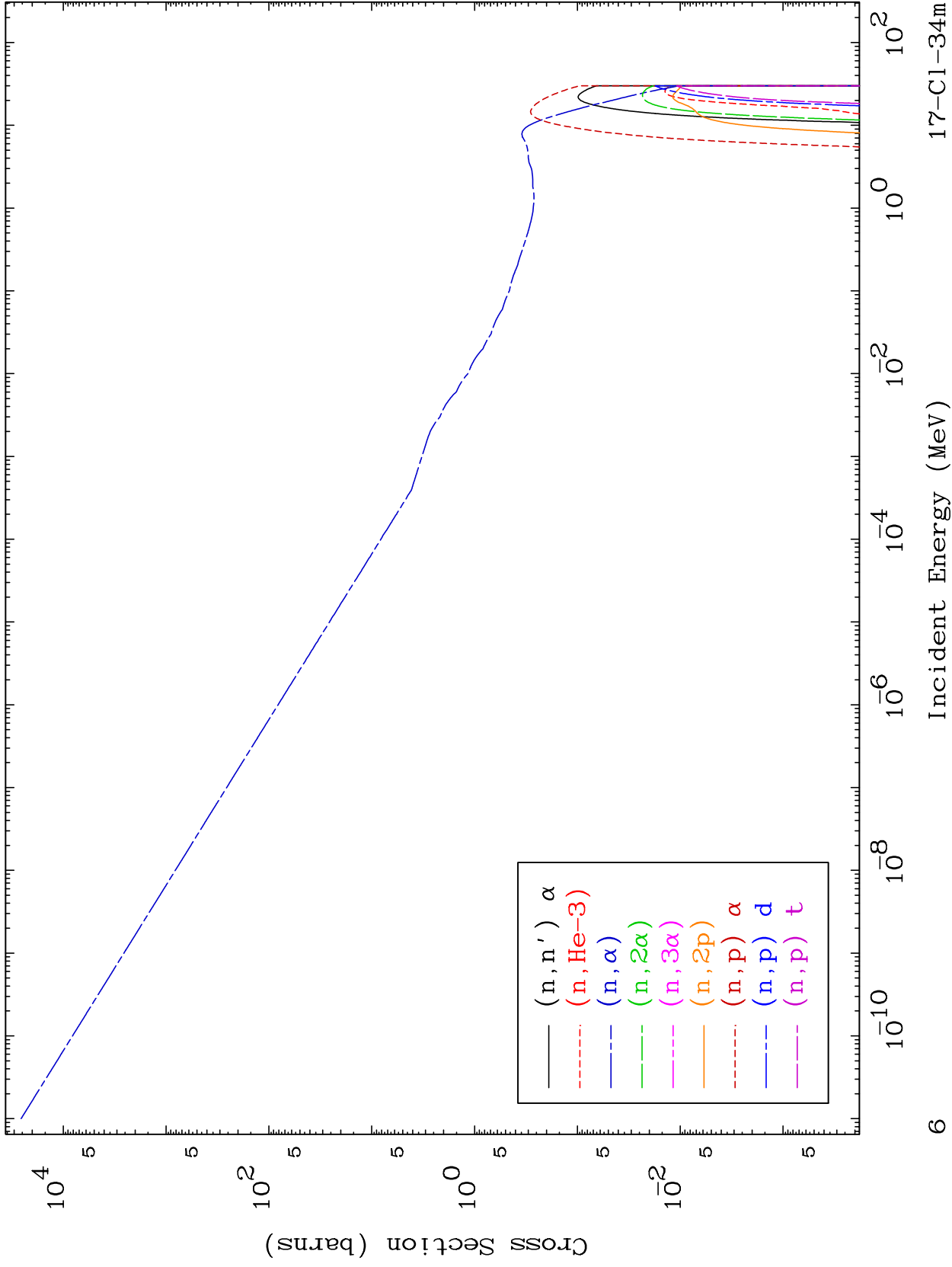
17-Cl-34m



MAT 1723

Charged Particle  
293 Kelvin Cross Sections

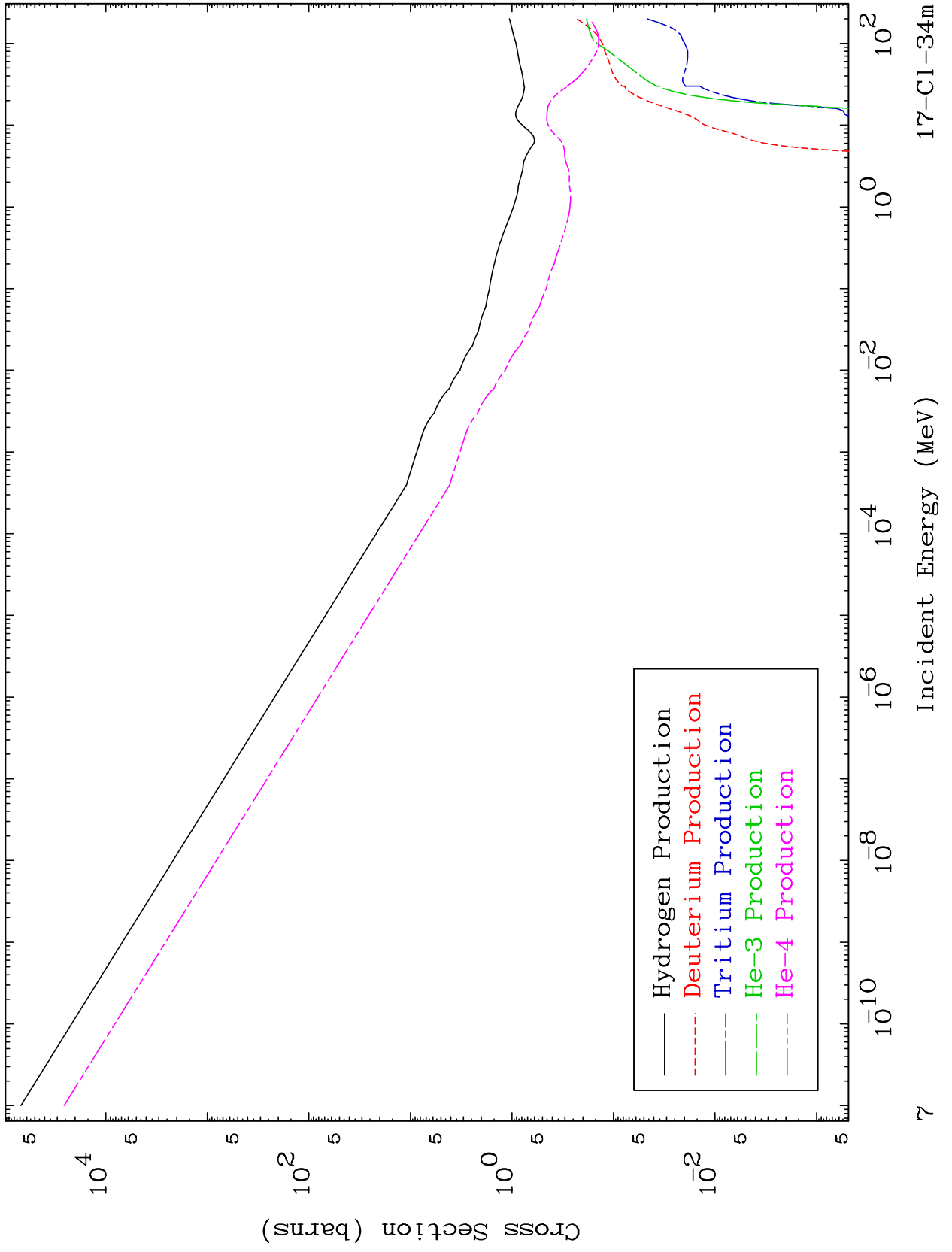
17-Cl-34m



MAT 1723

Particle Production  
293 Kelvin Cross Sections

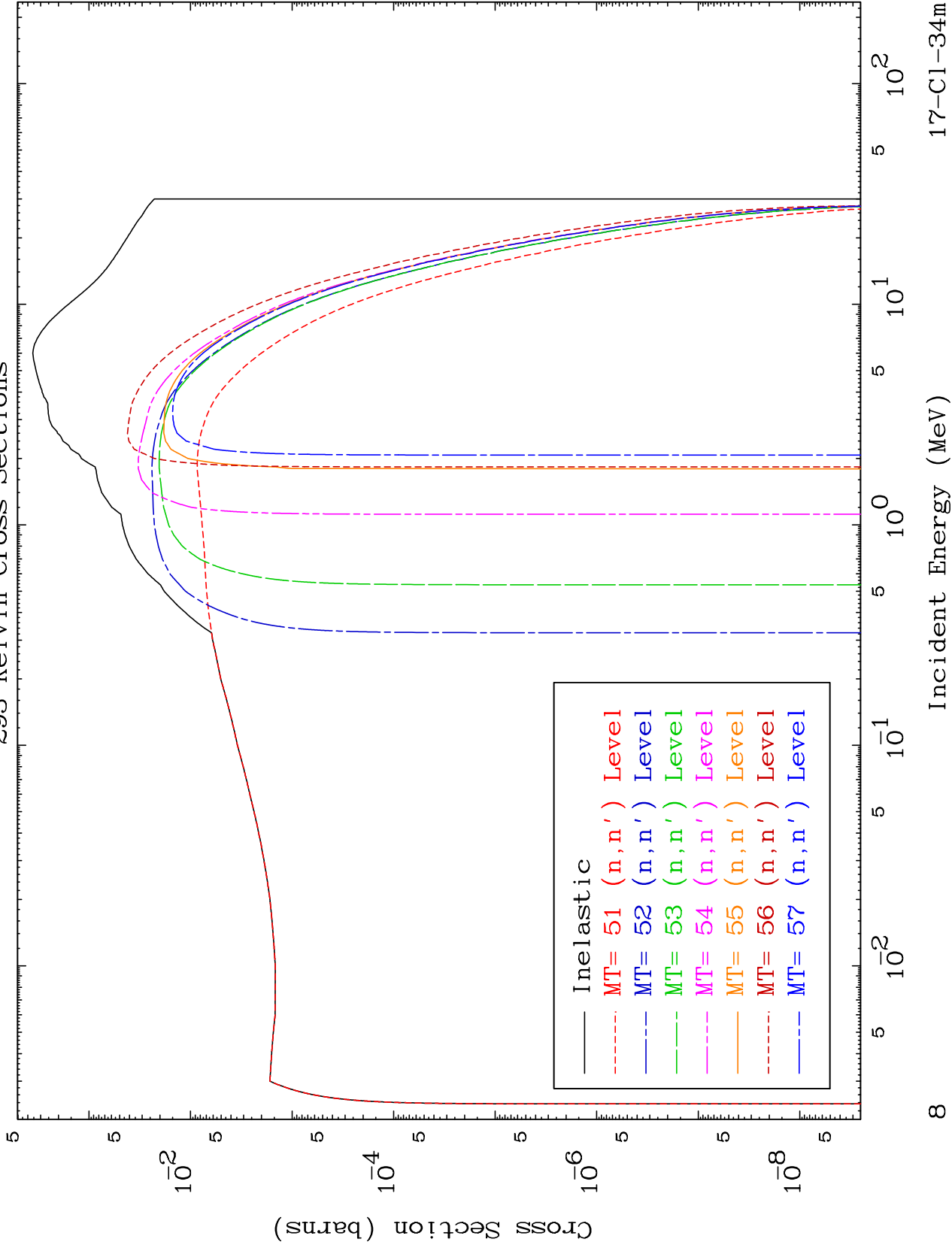
17-Cl-34m



MAT 1723

293 Kelvin Cross Sections  
(n,n') Levels

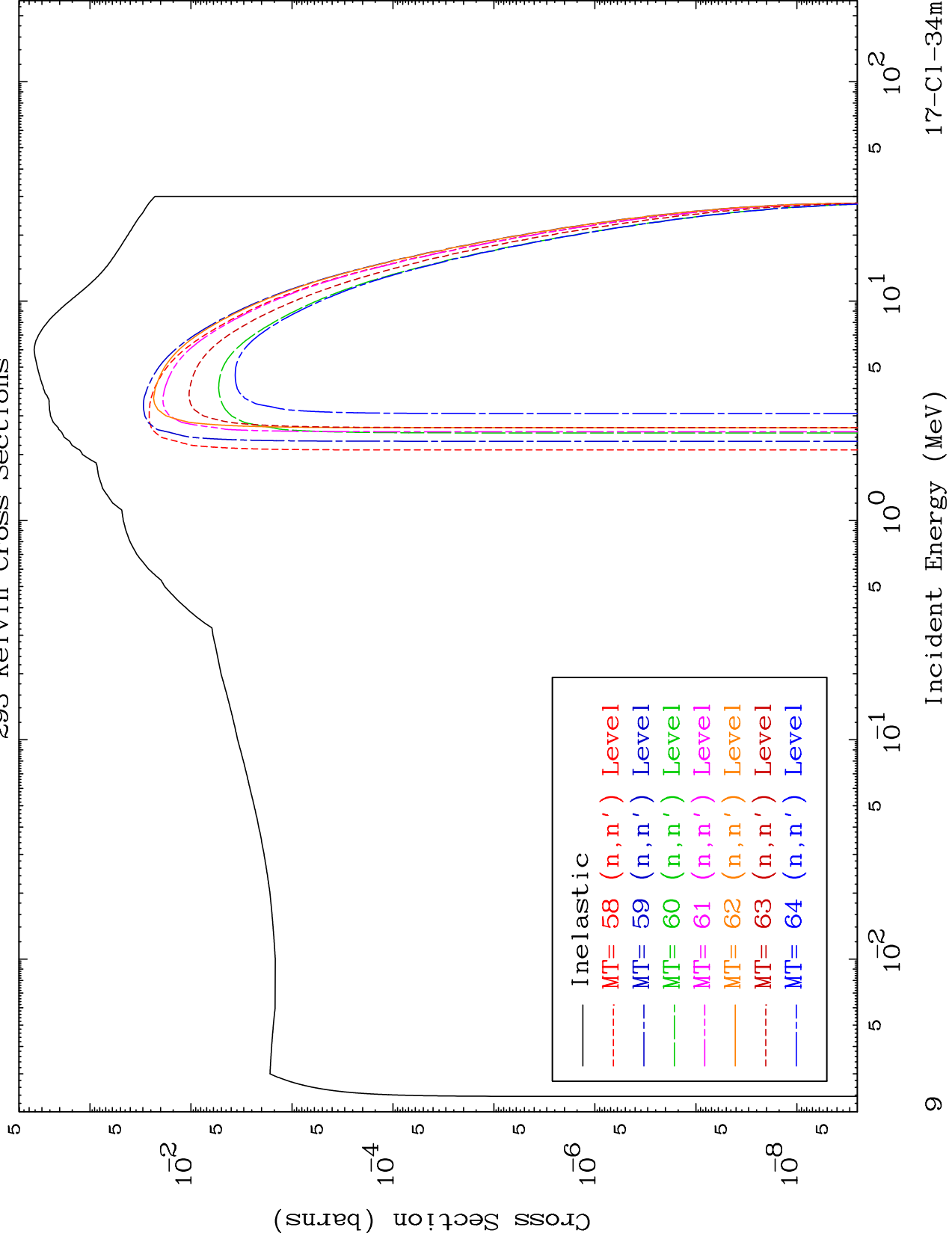
17-Cl-34m



MAT 1723

(n,n') Levels  
293 Kelvin Cross Sections

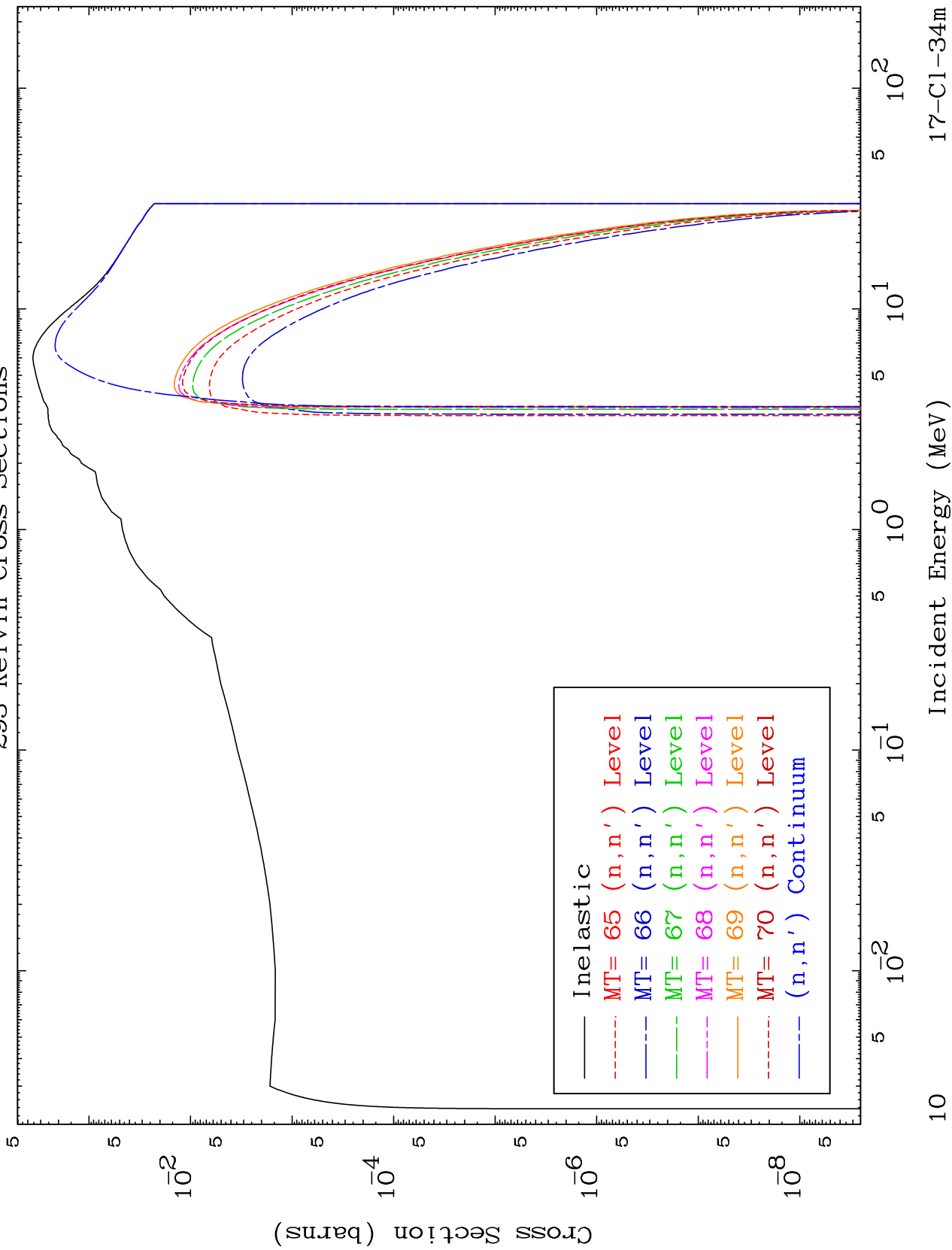
17-Cl-34m



MAT 1723

(n,n') Levels  
293 Kelvin Cross Sections

17-Cl-34m



10

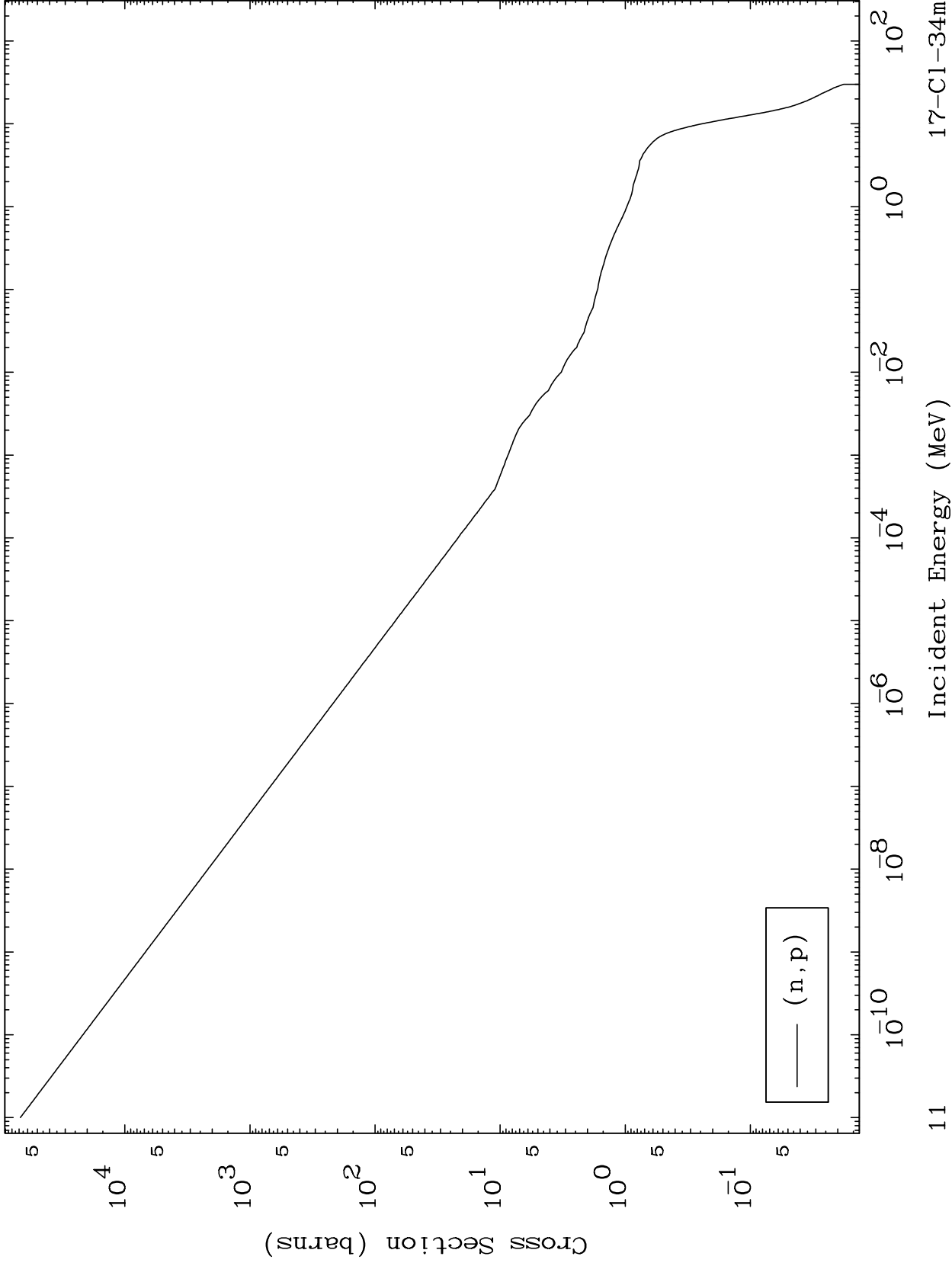
Incident Energy (MeV)

17-Cl-34m

MAT 1723

(n,p) Levels  
293 Kelvin Cross Sections

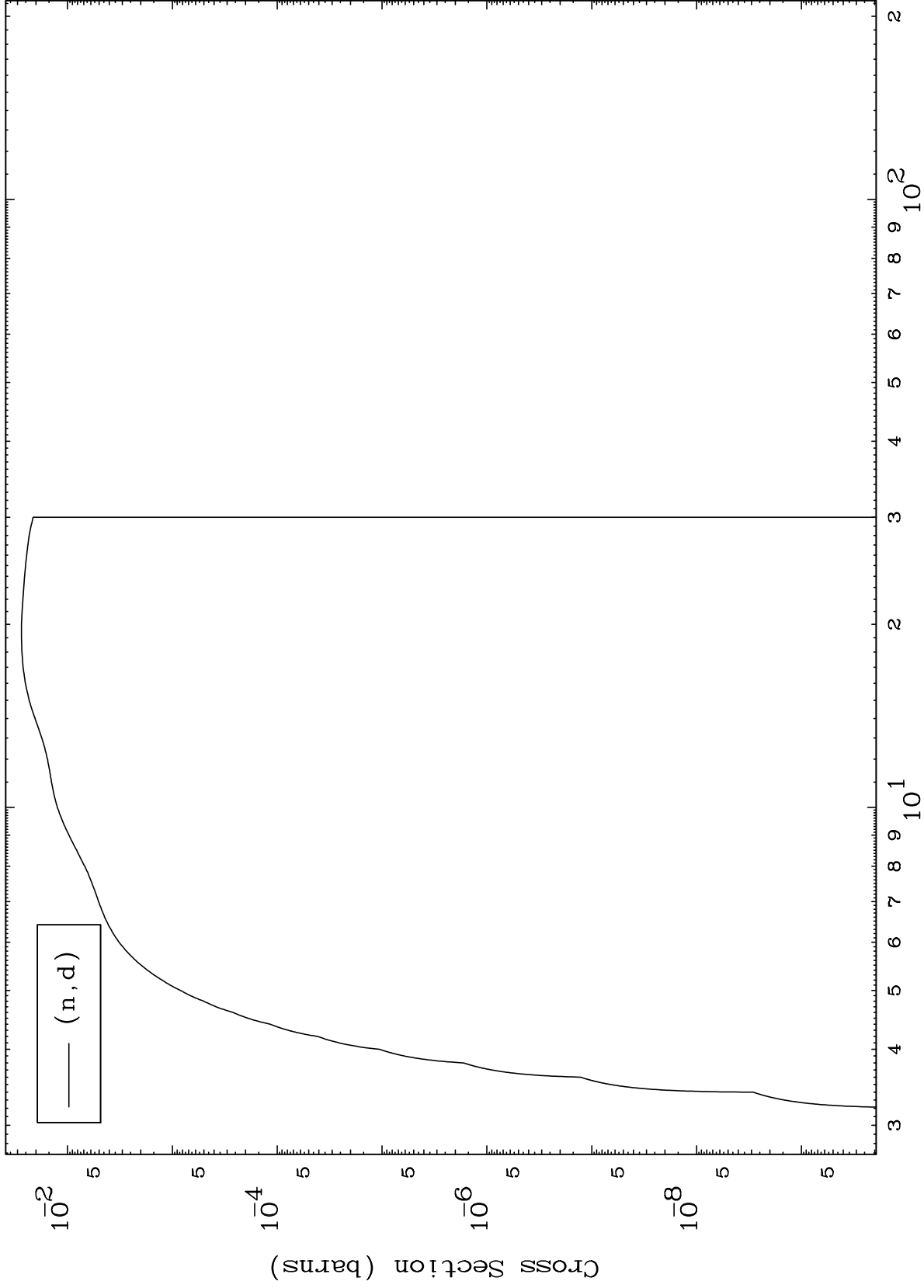
17-Cl-34m



MAT 1723

(n,d) Levels  
293 Kelvin Cross Sections

17-Cl-34m



12

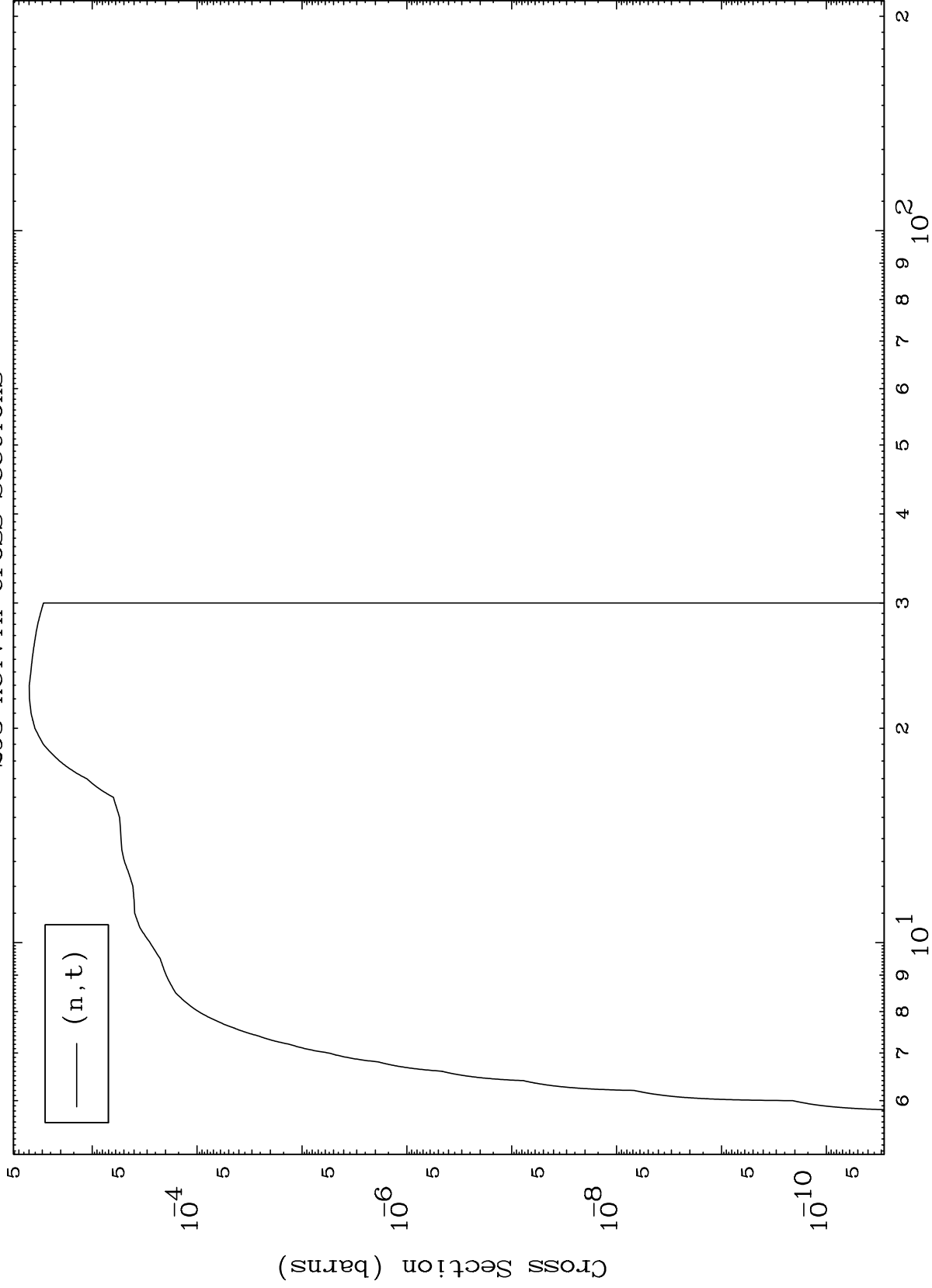
Incident Energy (MeV)

17-Cl-34m

MAT 1723

(n,t) Levels  
293 Kelvin Cross Sections

17-Cl-34m



13

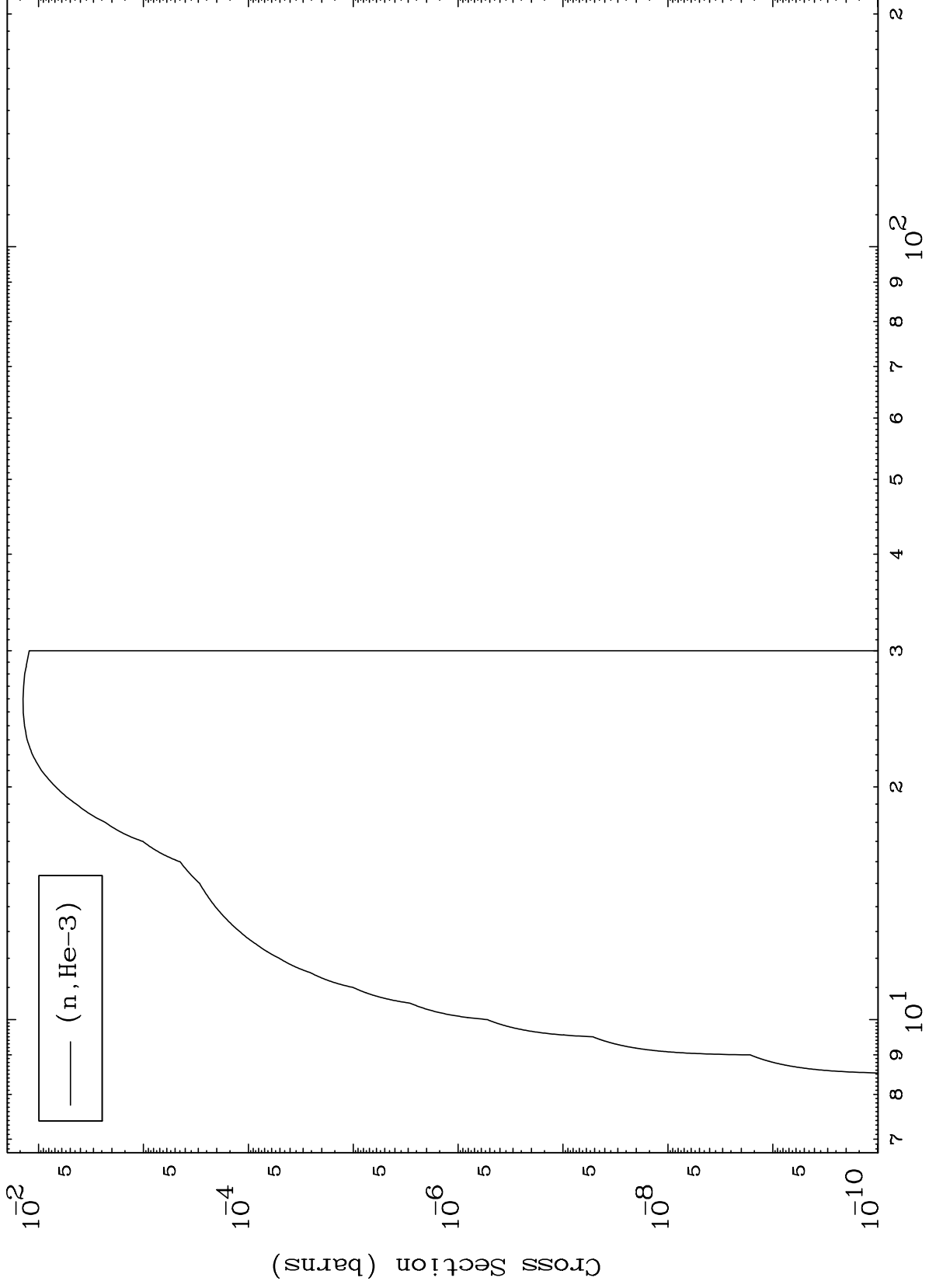
Incident Energy (MeV)

17-Cl-34m

MAT 1723

(n,He3) Levels  
293 Kelvin Cross Sections

17-Cl-34m



14

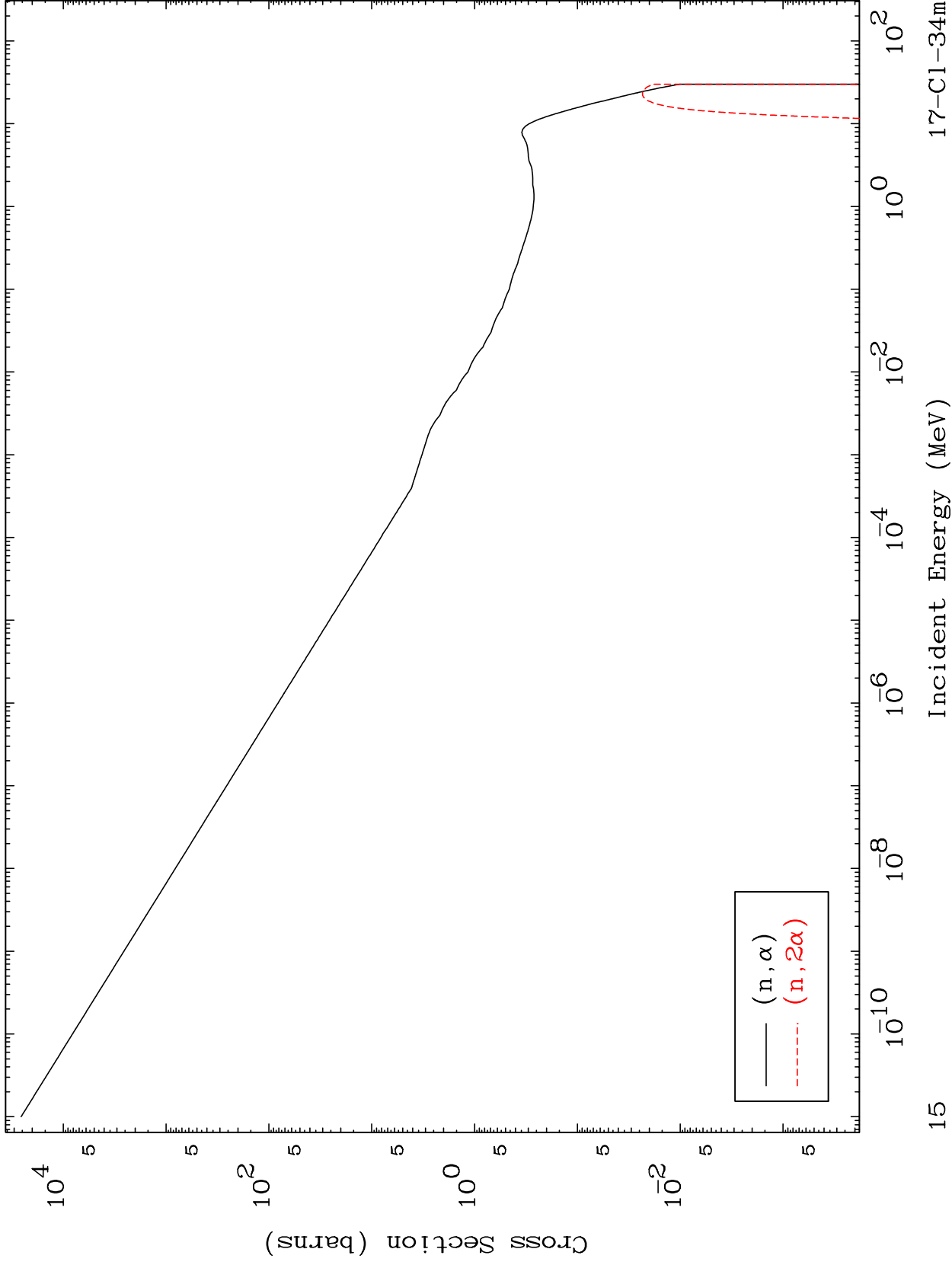
Incident Energy (MeV)

17-Cl-34m

MAT 1723

(n,α) Levels  
293 Kelvin Cross Sections

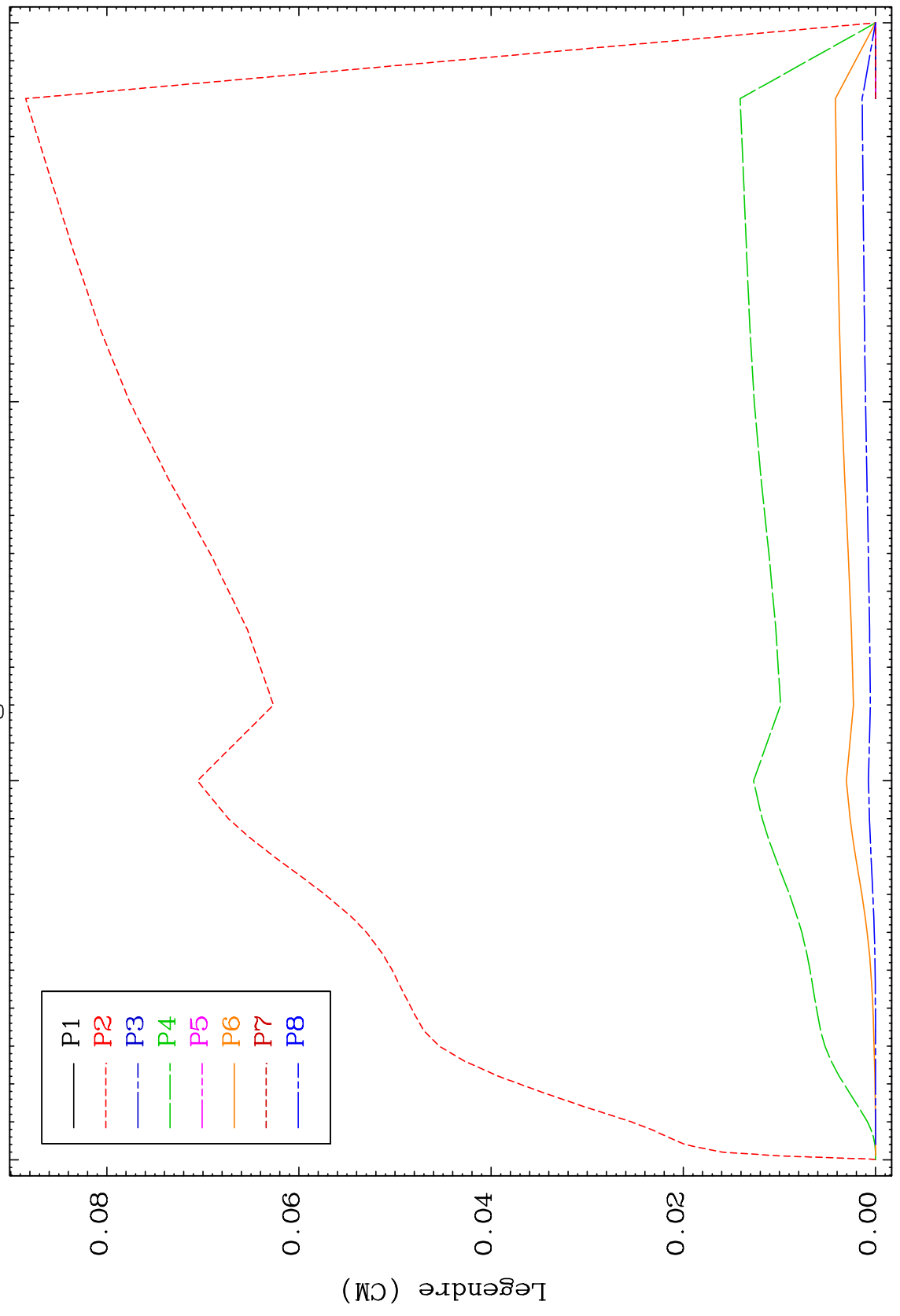
17-Cl-34m



MAT 1723

Elastic Legendre Coefficients

17-Cl-34m



17-Cl-34m

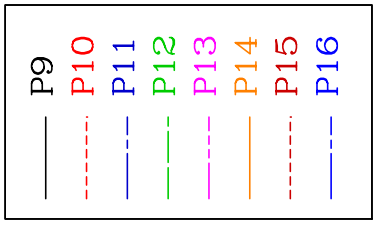
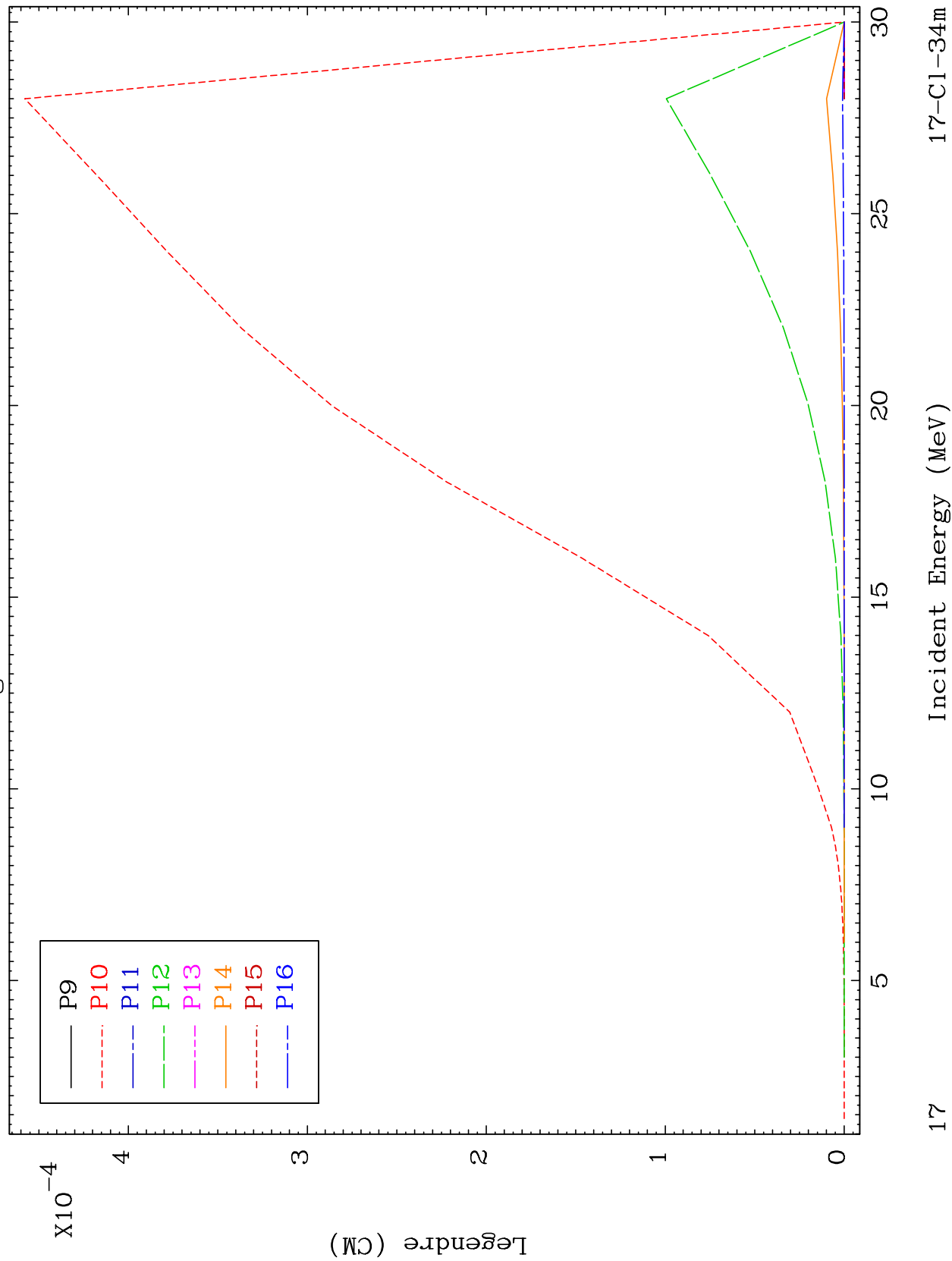
Incident Energy (MeV)

16

MAT 1723

Elastic Legendre Coefficients

17-Cl-34m



$\times 10^{-4}$

Legendre (CM)

17

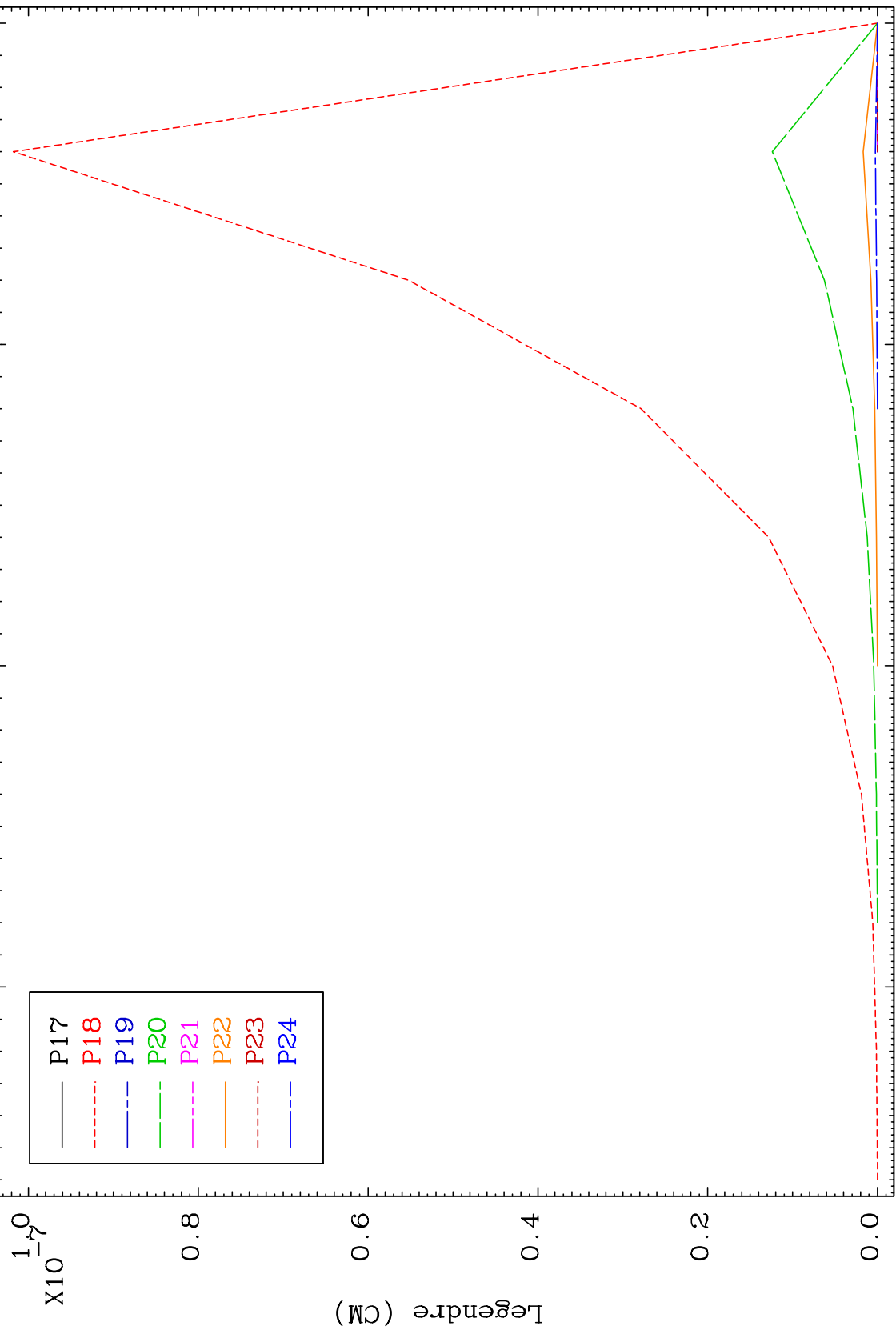
17-Cl-34m

Incident Energy (MeV)

MAT 1723

### Elastic Legendre Coefficients

17-Cl-34m



18

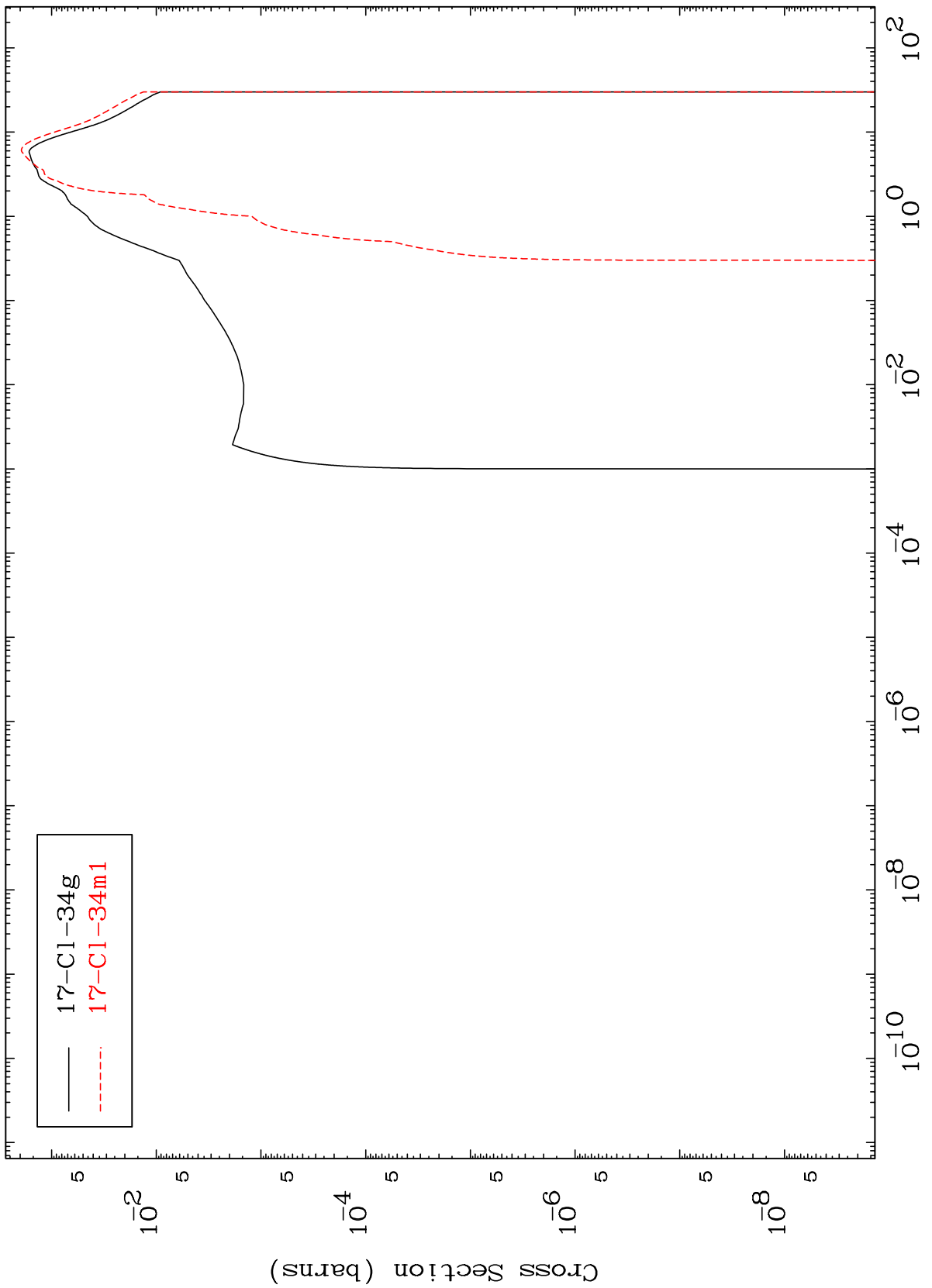
Incident Energy (MeV)

17-Cl-34m

MAT 1723

17-Cl-34m

Inelastic  
Radionuclide Production Cross Section



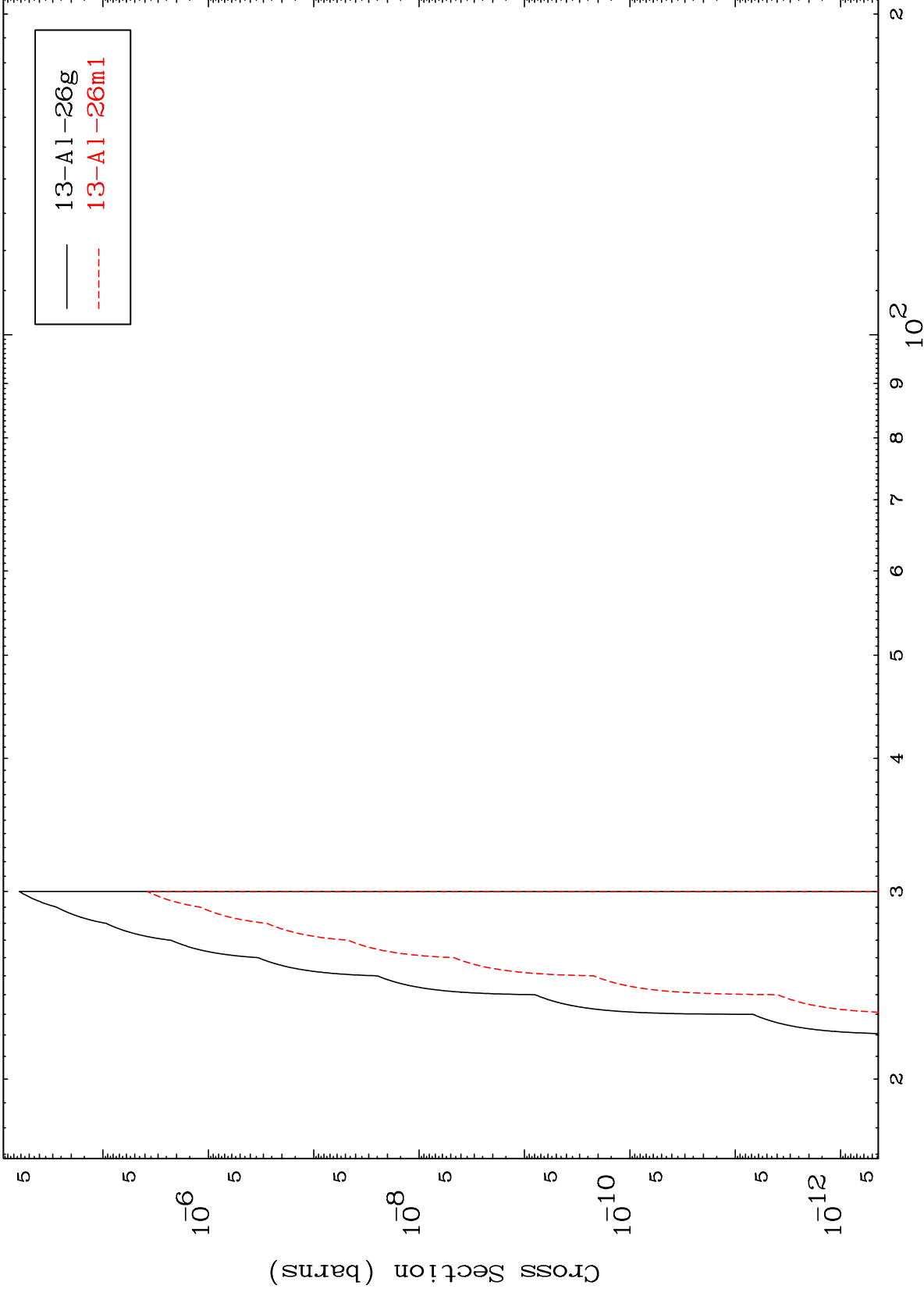
— 17-Cl-34g  
- - - 17-Cl-34m1

MAT 1723

(n,n') 2α

17-Cl-34m

Radionuclide Production Cross Section



13-Al-26g  
13-Al-26m1

20

Incident Energy (MeV)

17-Cl-34m