

Program EVALPLOT  
(Version 2018-1)

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

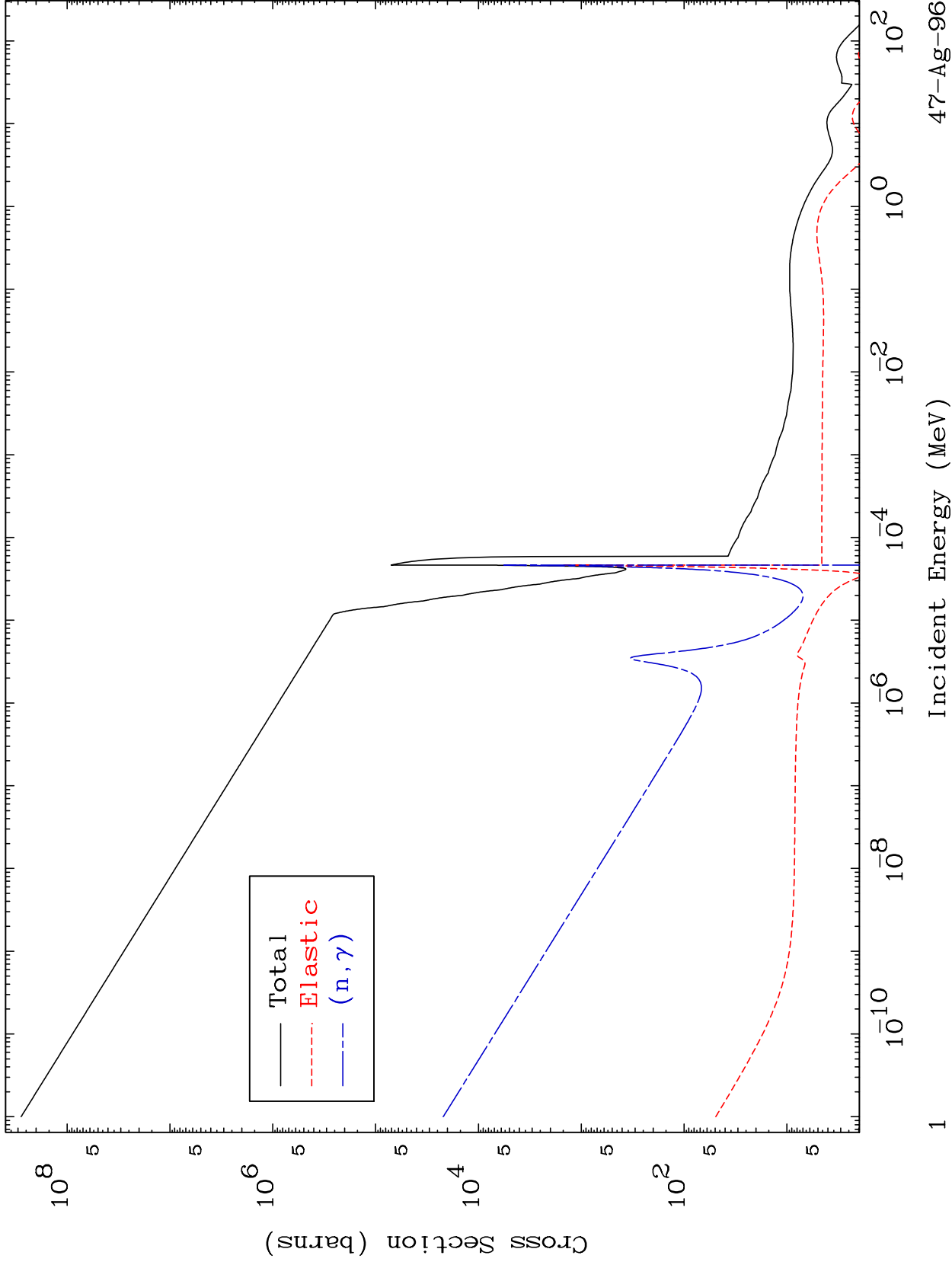
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4693

Major  
293 Kelvin Cross Sections

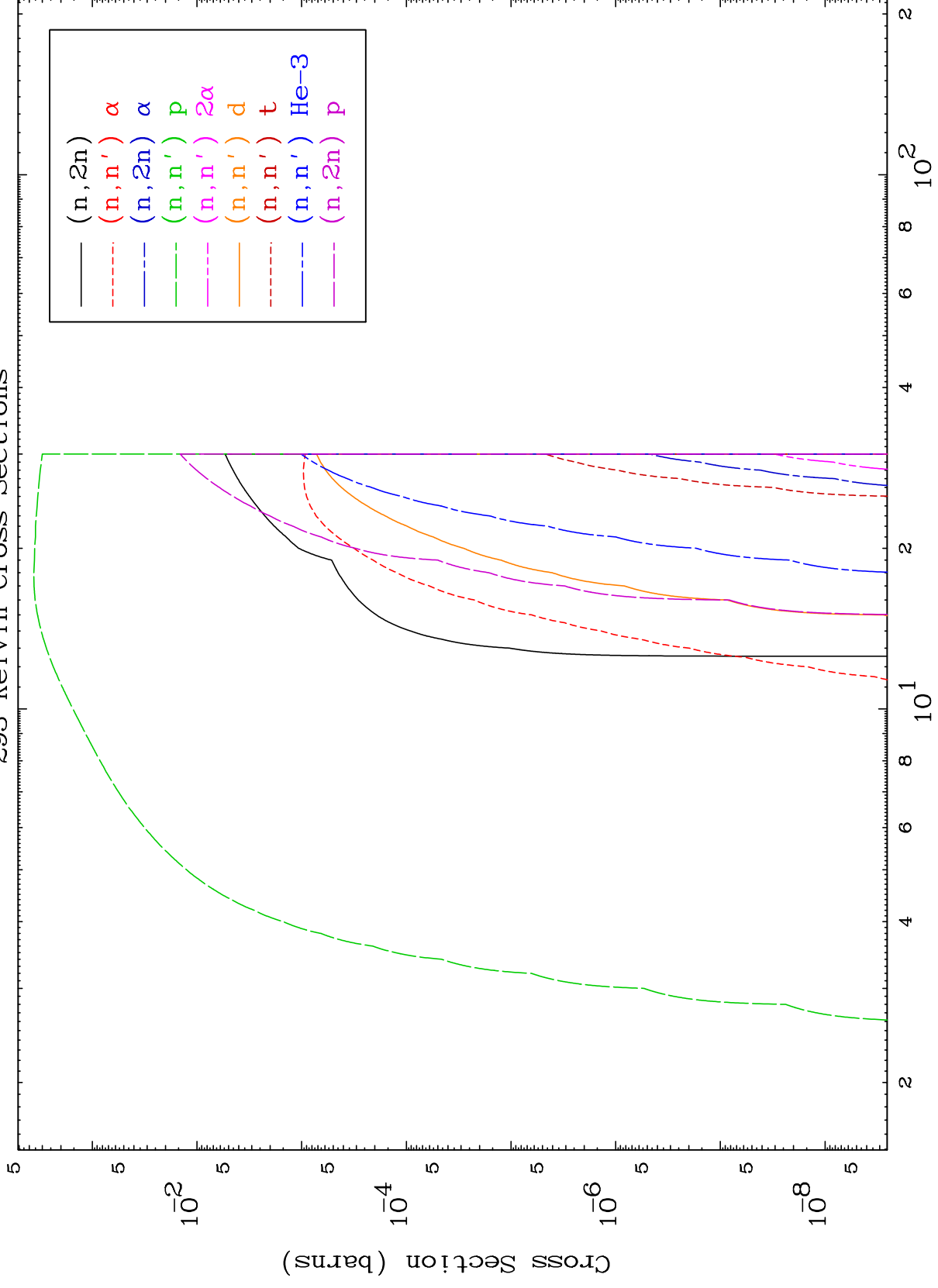
47-Ag-96



MAT 4693

Neutron Production  
293 Kelvin Cross Sections

47-Ag-96



47-Ag-96

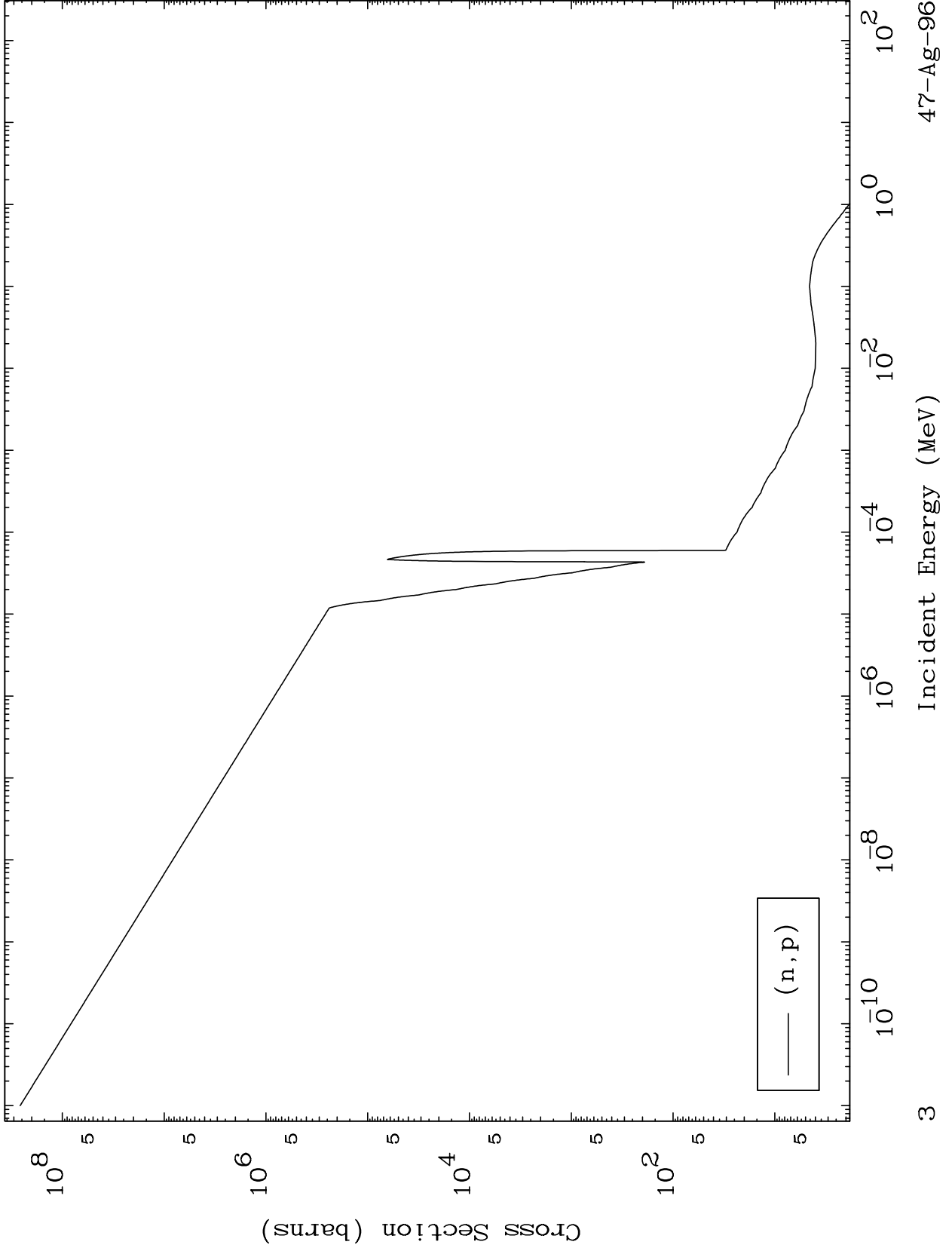
Incident Energy (MeV)

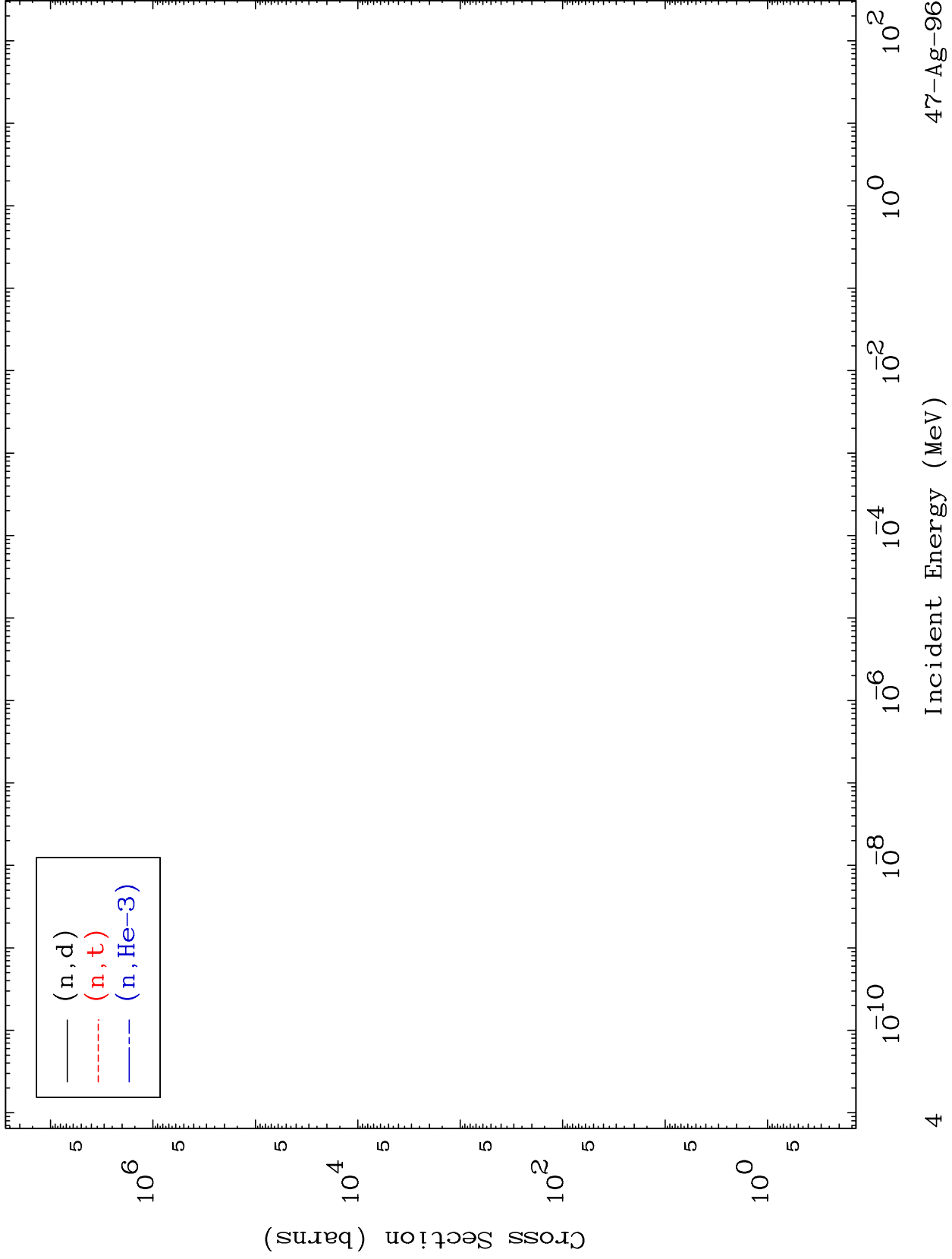
2

MAT 4693

Charged Particle  
293 Kelvin Cross Sections

47-Ag-96

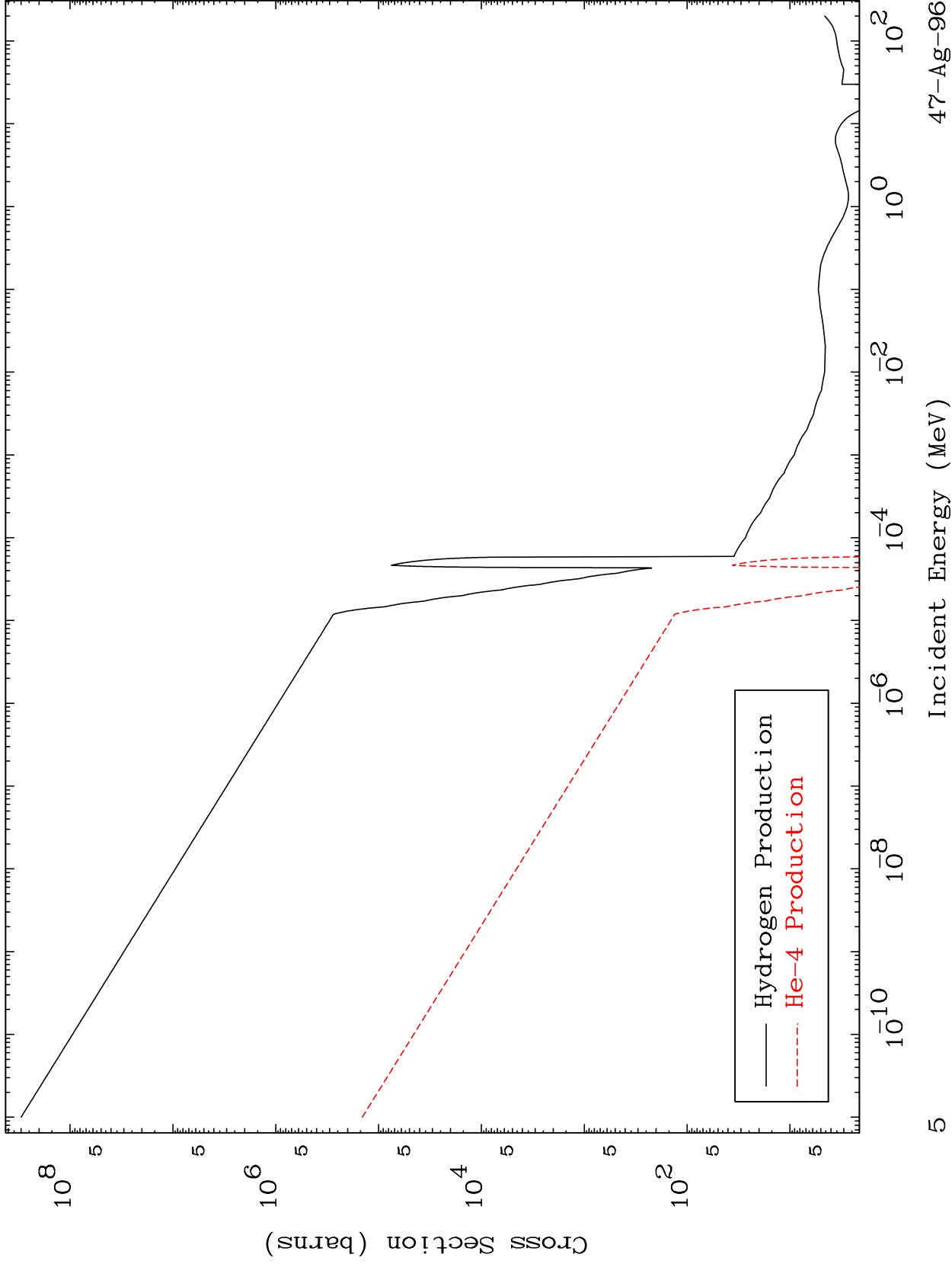




MAT 4693

Particle Production  
293 Kelvin Cross Sections

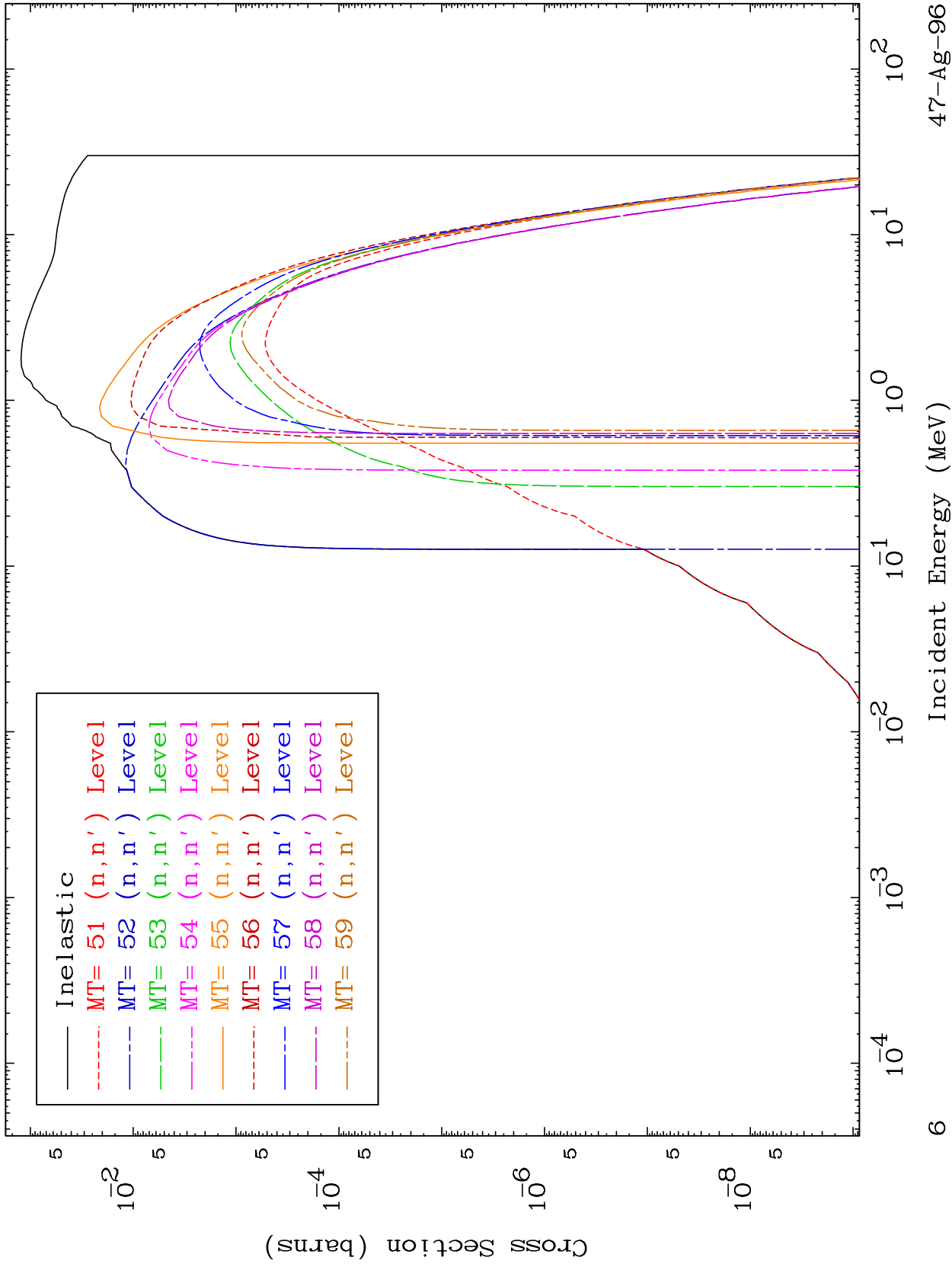
47-Ag-96



MAT 4693

293 Kelvin Cross Sections  
(n,n') Level

47-Ag-96

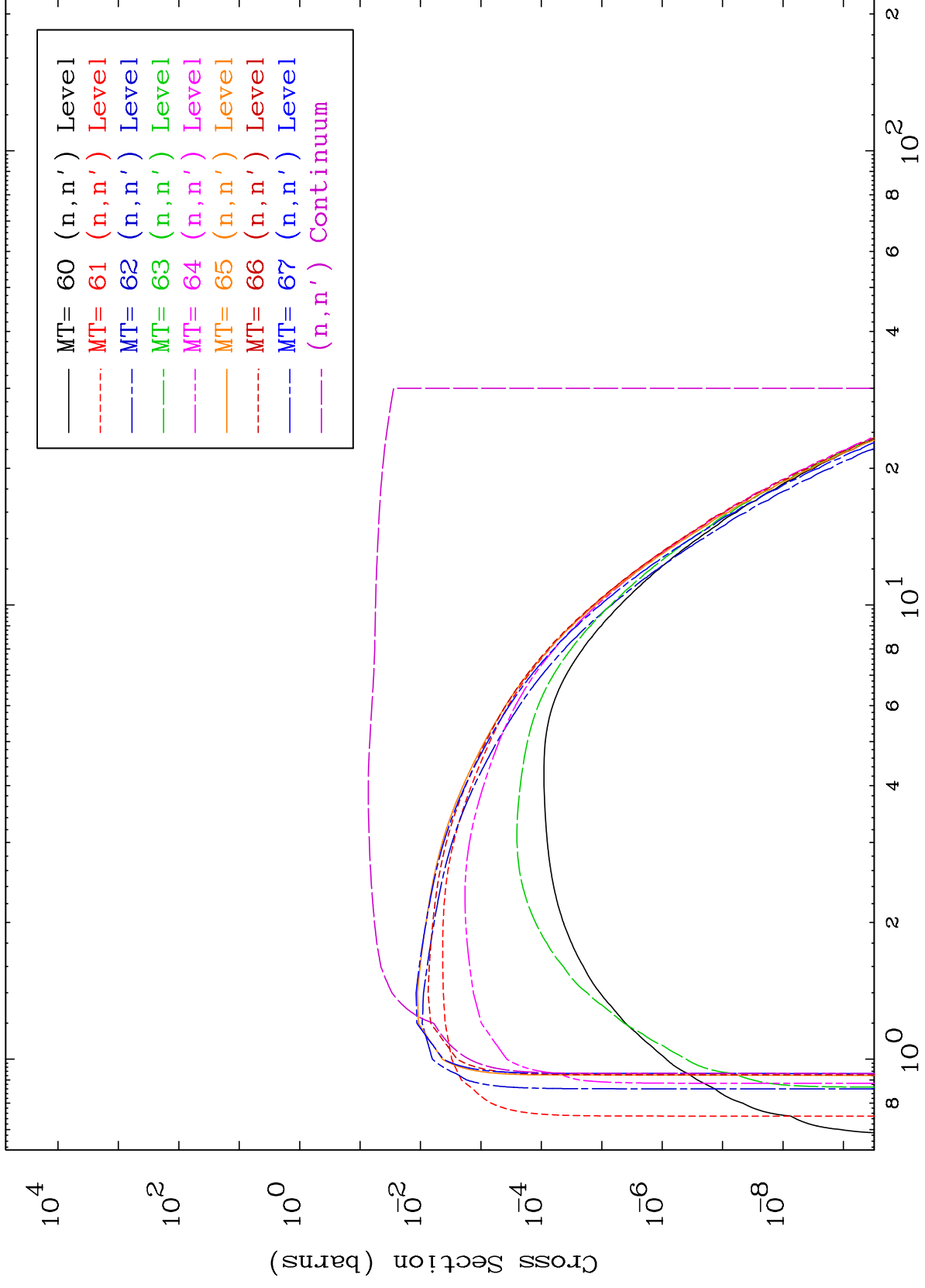


MAT 4693

(n,n') Level

293 Kelvin Cross Sections

47-Ag-96



7

Incident Energy (MeV)

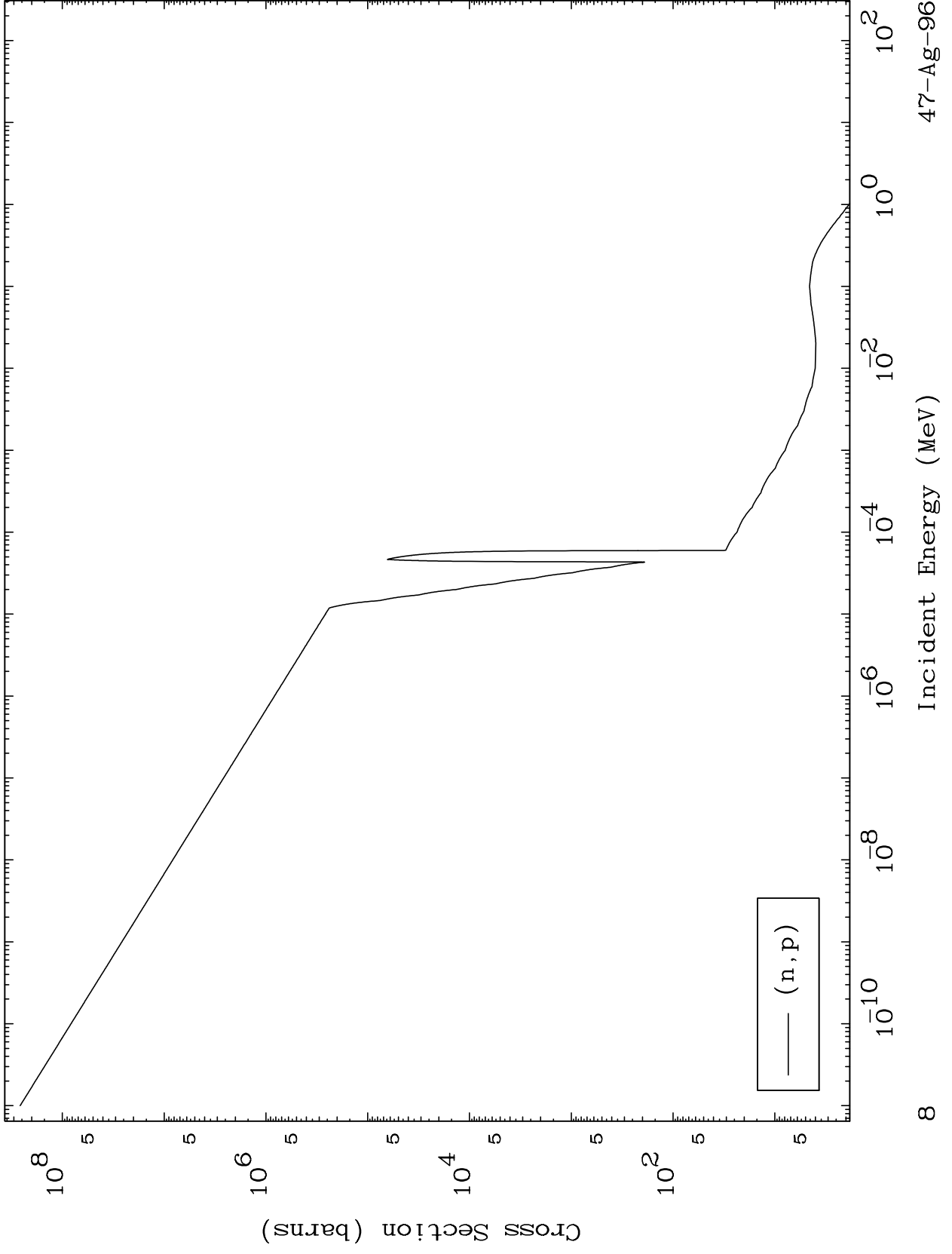
47-Ag-96



MAT 4693

(n,p) Levels  
293 Kelvin Cross Sections

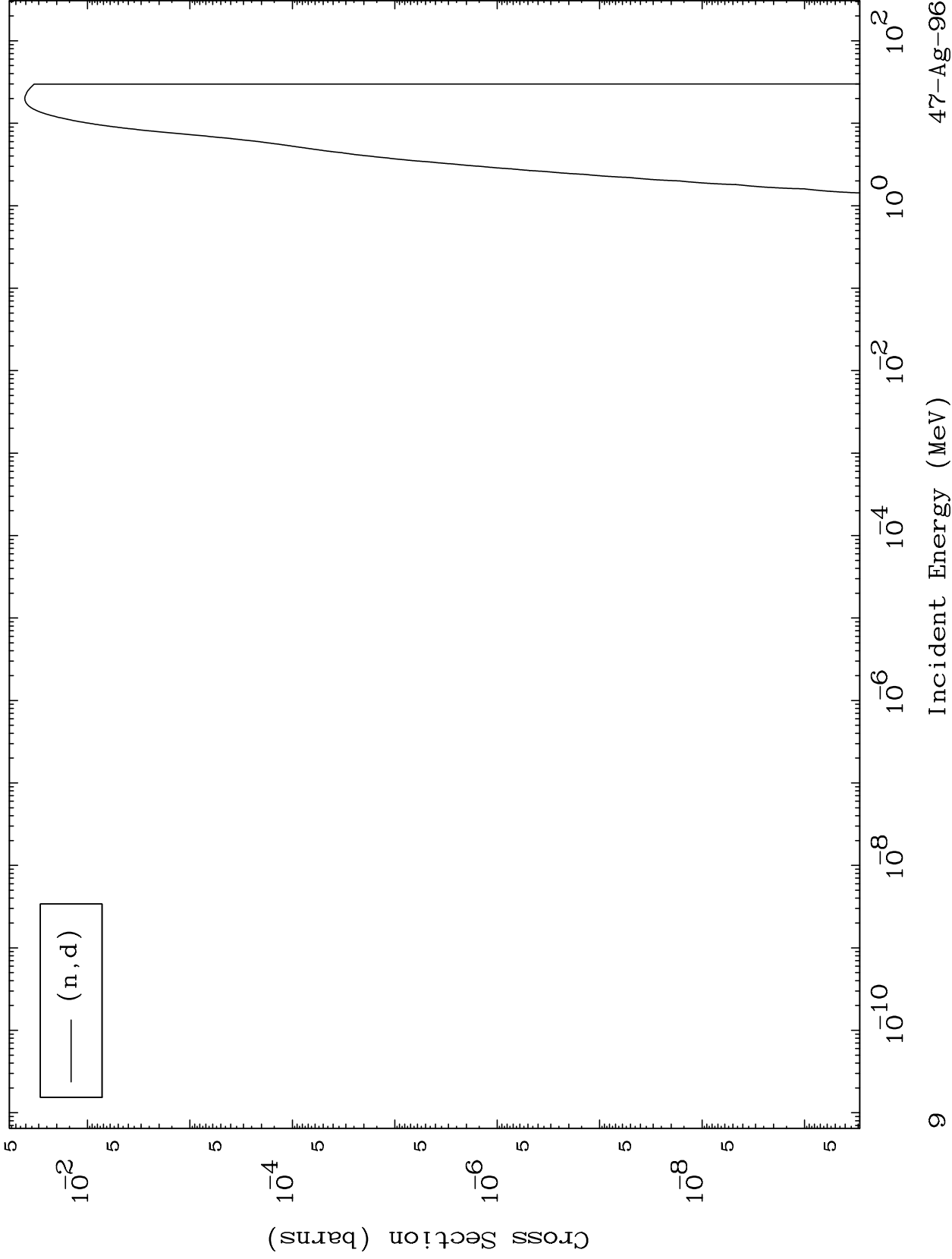
47-Ag-96



MAT 4693

(n,d) Levels  
293 Kelvin Cross Sections

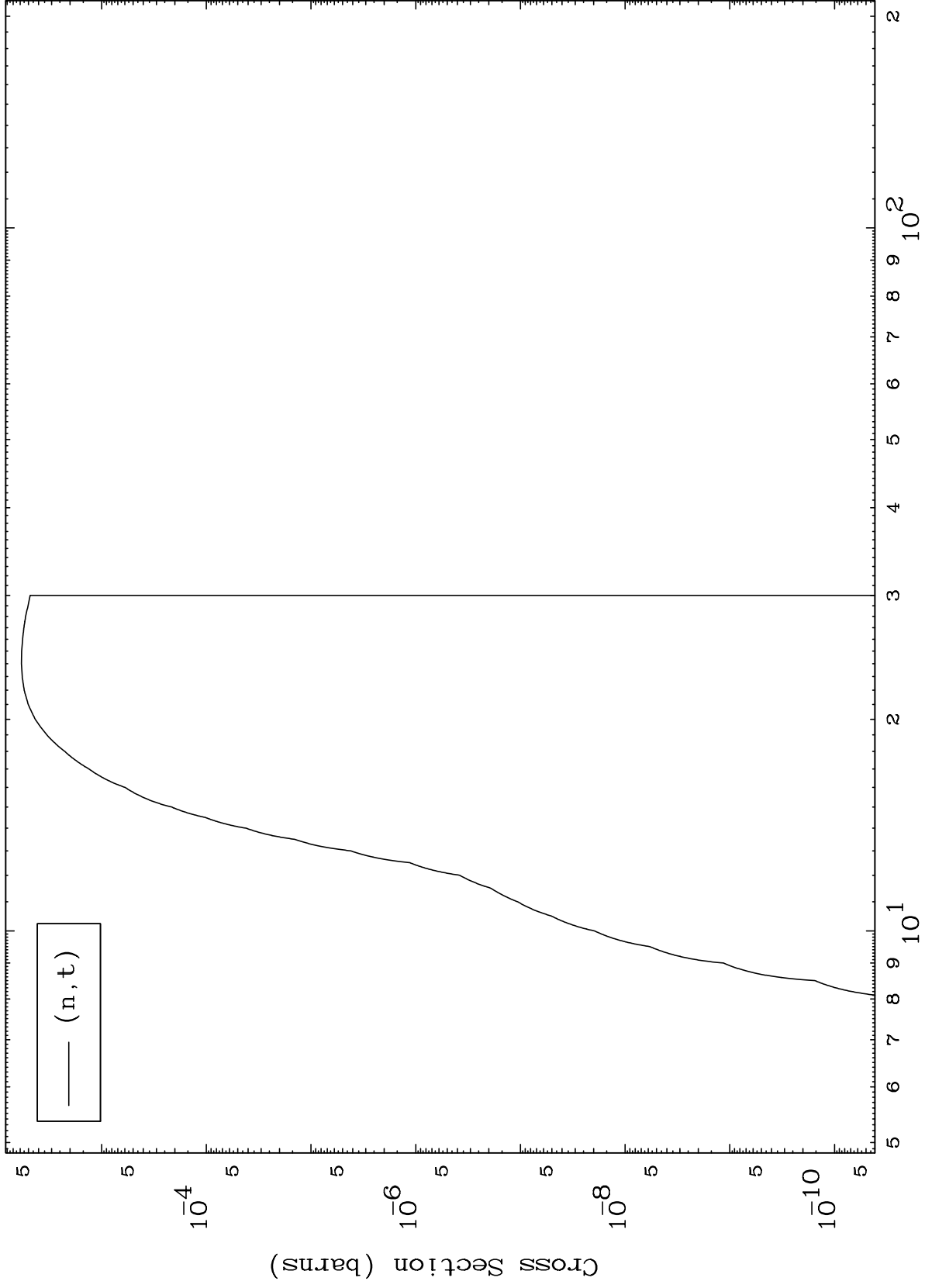
47-Ag-96



MAT 4693

(n,t) Levels  
293 Kelvin Cross Sections

47-Ag-96



10

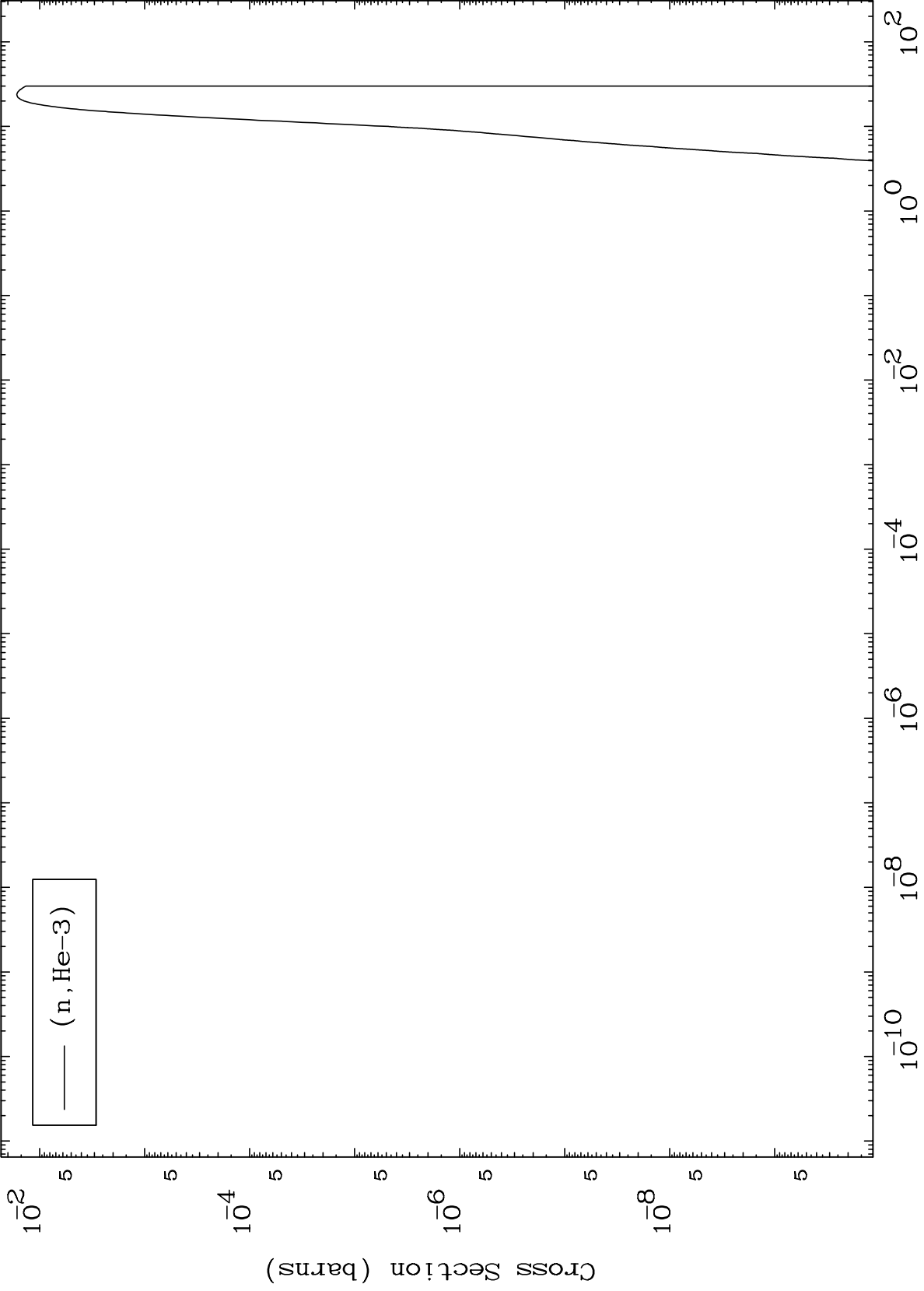
Incident Energy (MeV)

47-Ag-96

MAT 4693

(n,He3) Levels  
293 Kelvin Cross Sections

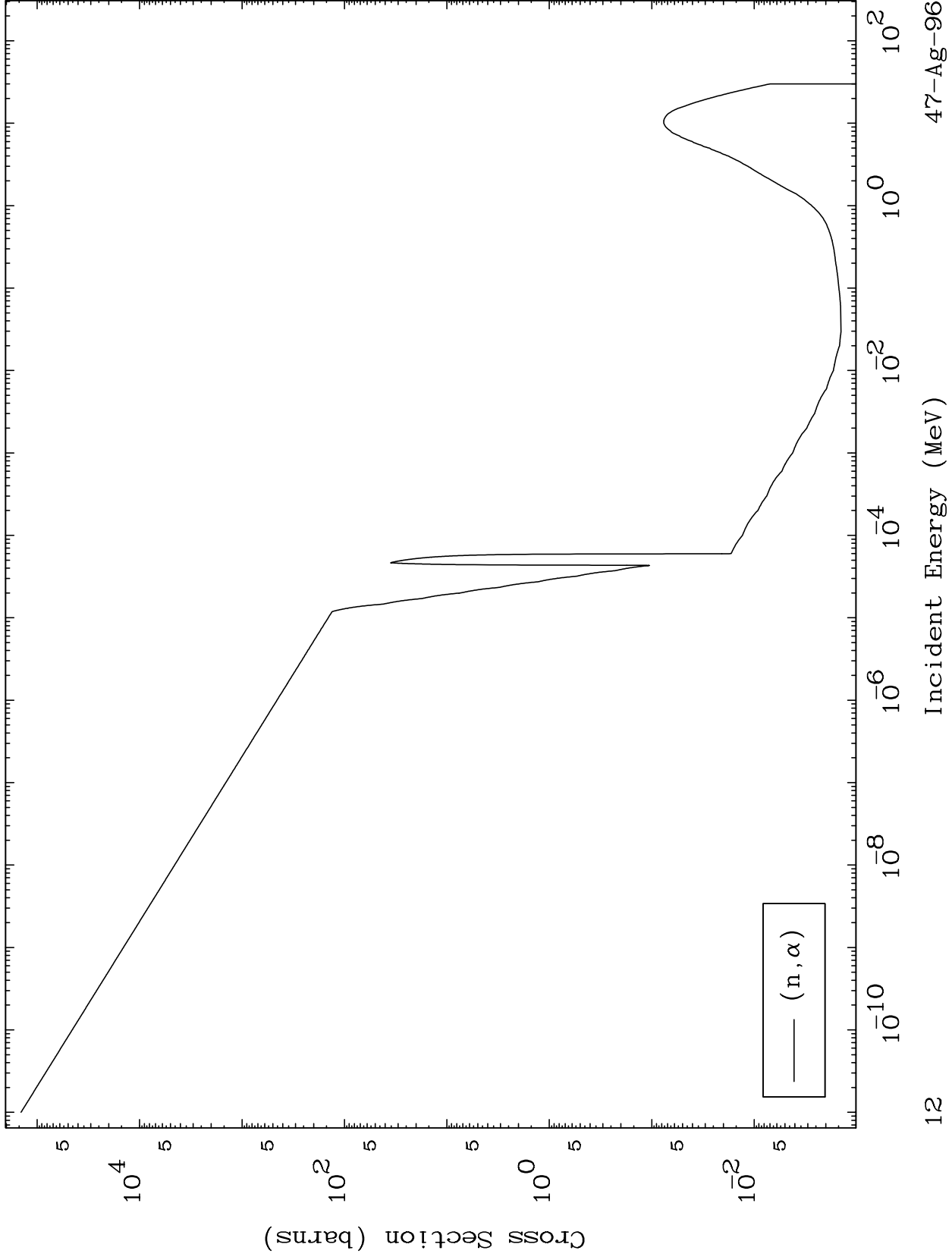
47-Ag-96

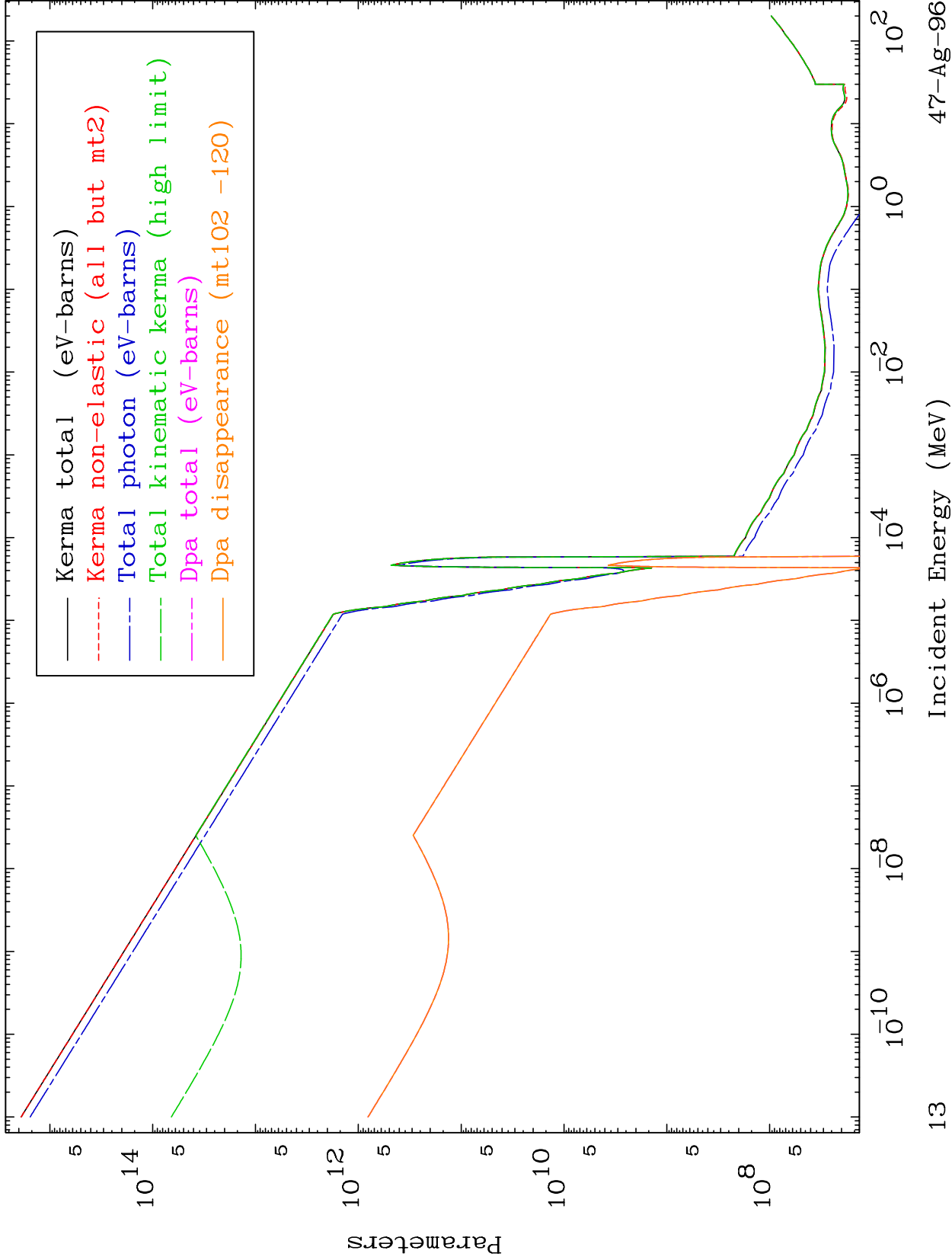


MAT 4693

(n,α) Levels  
293 Kelvin Cross Sections

47-Ag-96

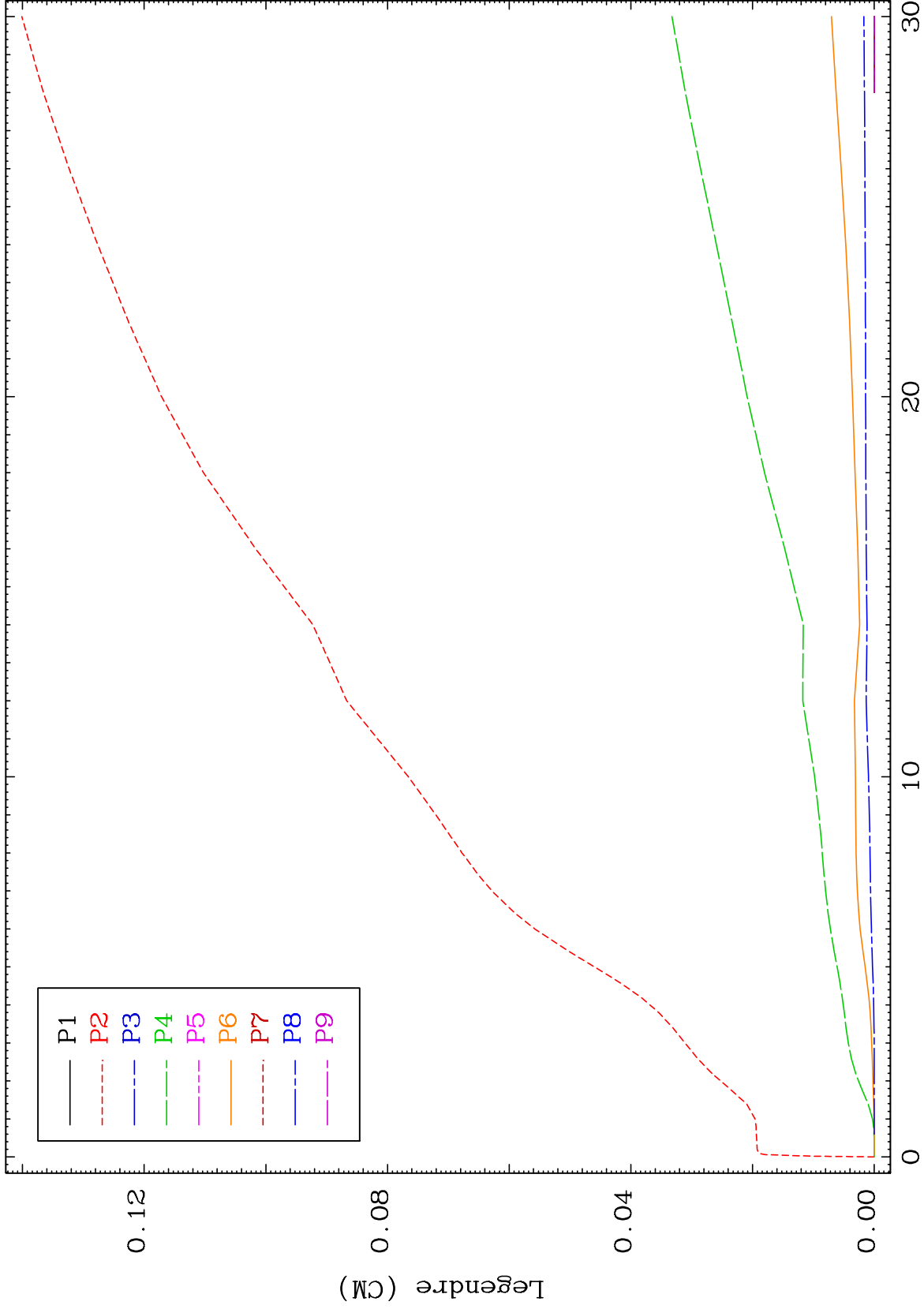




MAT 4693

Elastic Legendre Coefficients

47-Ag-96



14

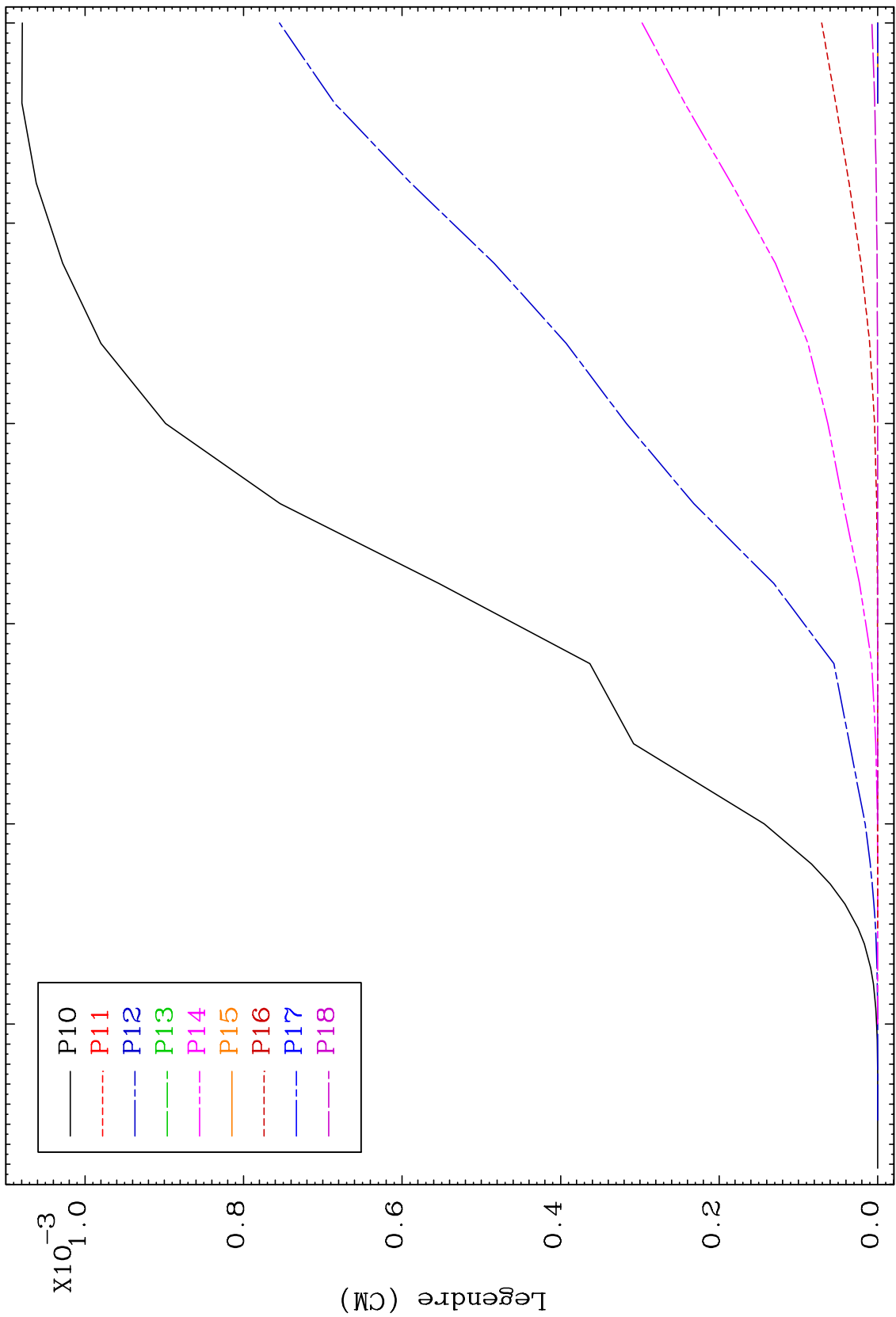
Incident Energy (MeV)

47-Ag-96

MAT 4693

Elastic Legendre Coefficients

47-Ag-96



15

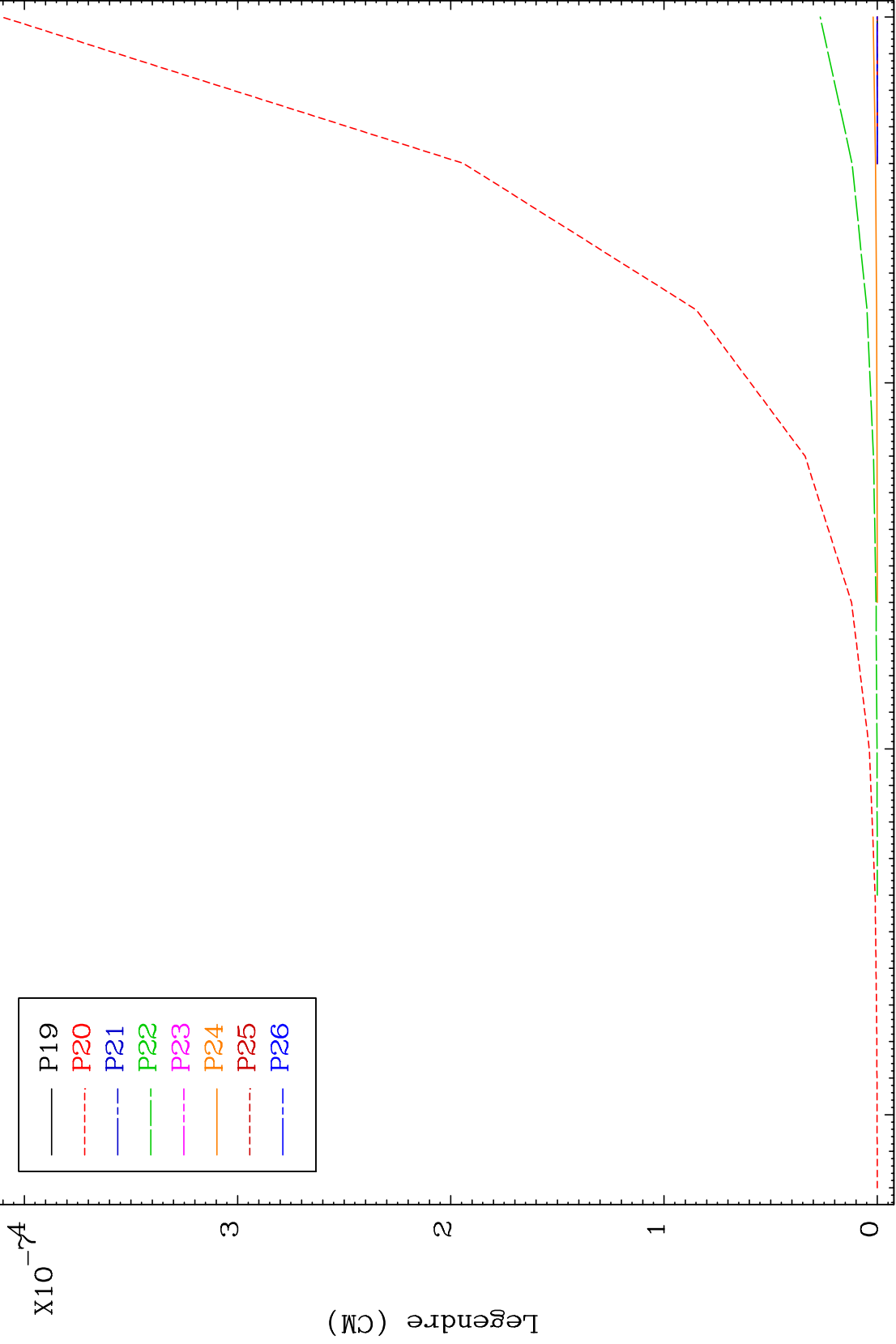
47-Ag-96



MAT 4693

Elastic Legendre Coefficients

47-Ag-96



16

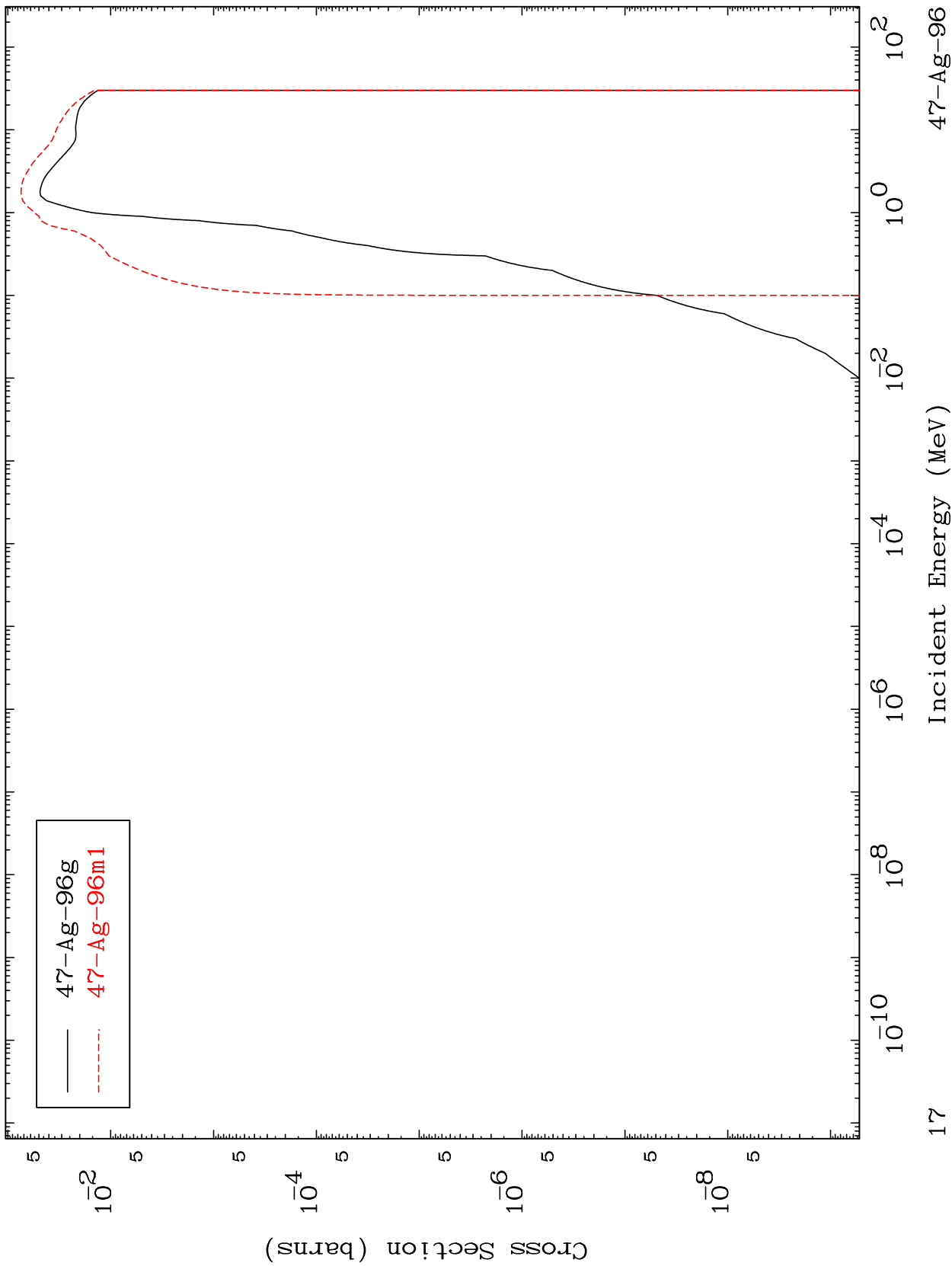
Incident Energy (MeV)

47-Ag-96

MAT 4693

47-Ag-96

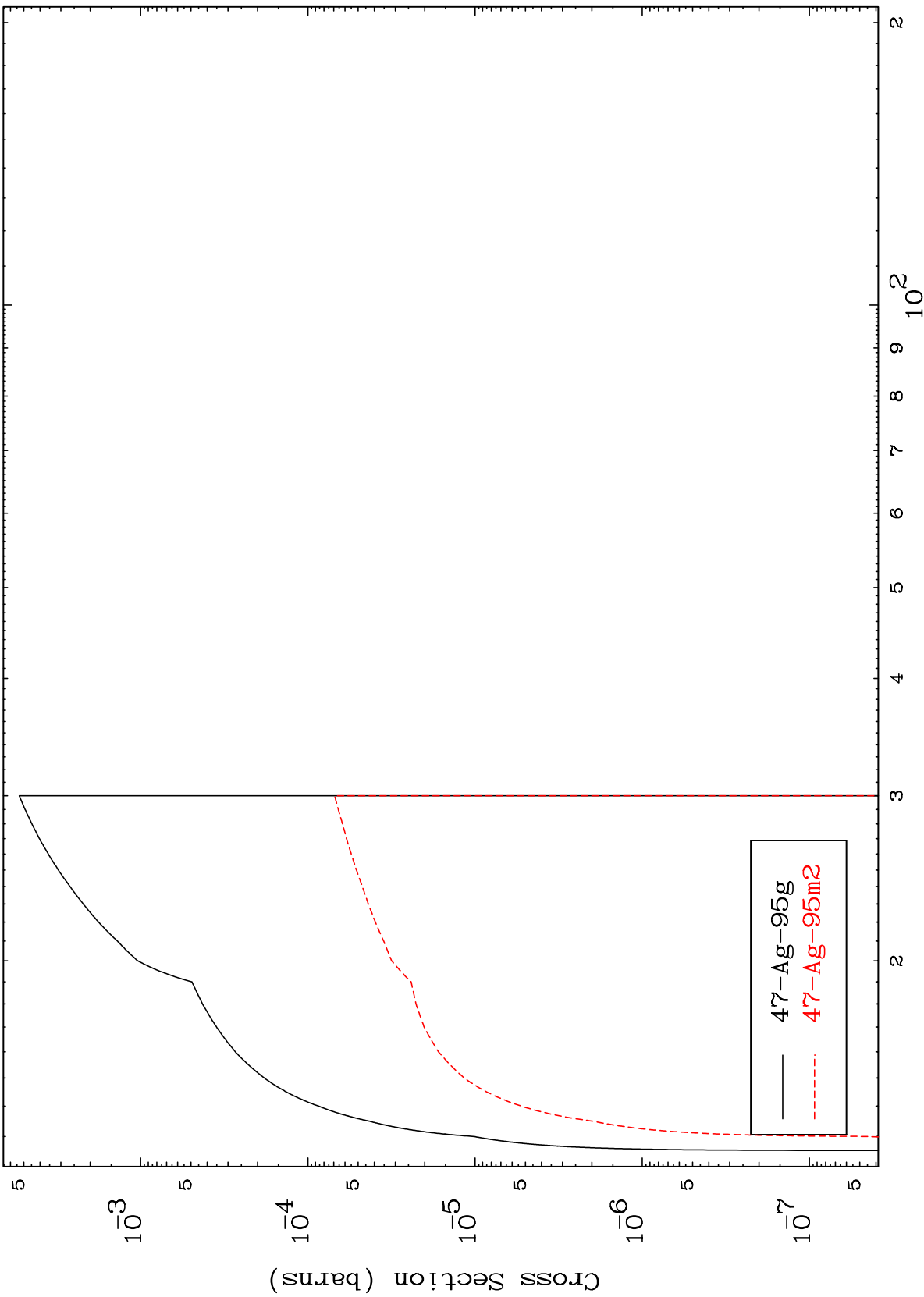
Inelastic  
Radionuclide Production Cross Section



MAT 4693

47-Ag-96

(n,2n)  
Radionuclide Production Cross Section



47-Ag-96

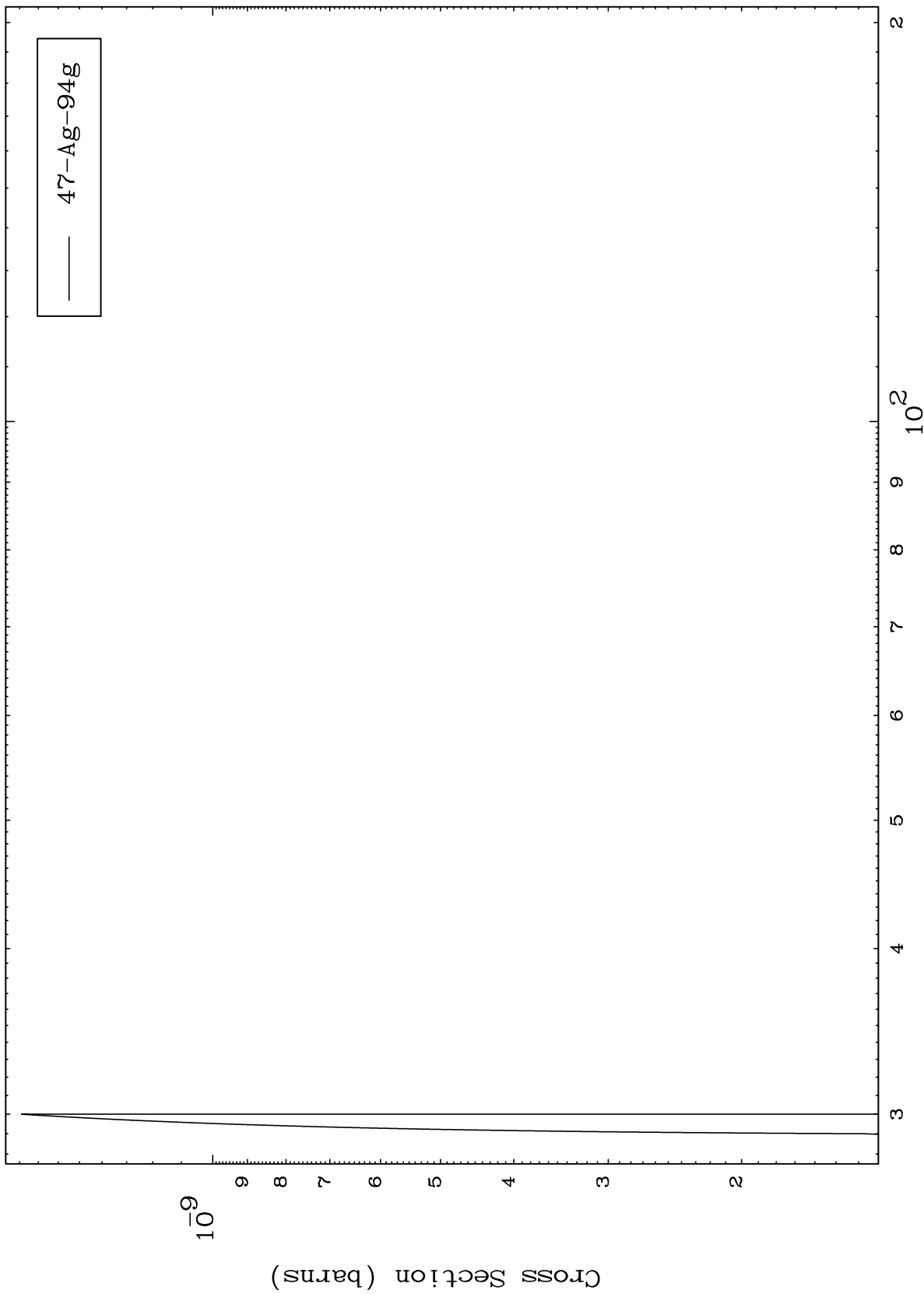
Incident Energy (MeV)

18

MAT 4693

47-Ag-96

(n,3n)  
Radionuclide Production Cross Section



19

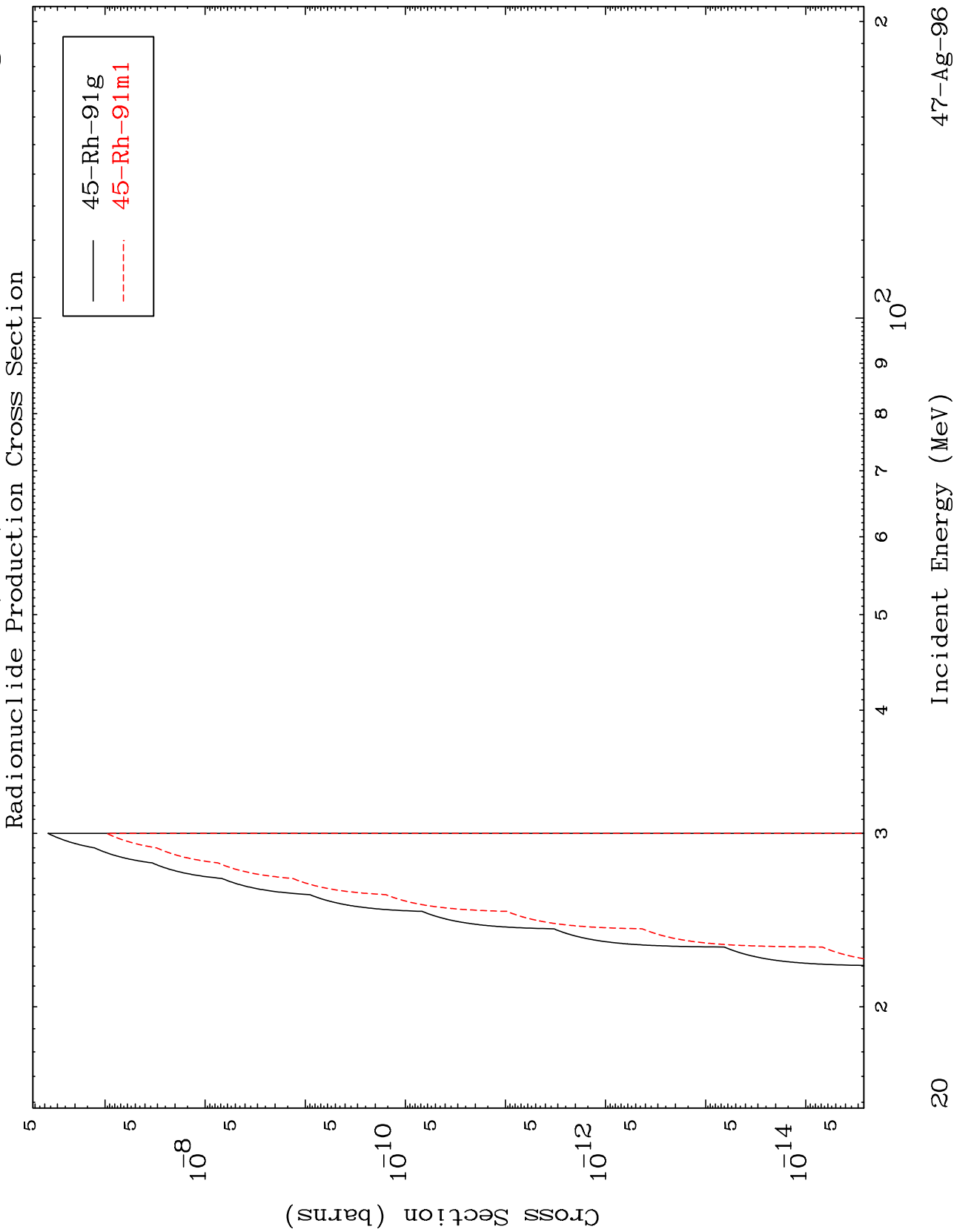
47-Ag-96

Incident Energy (MeV)

MAT 4693

(n,2n)  $\alpha$

47-Ag-96



20

Incident Energy (MeV)

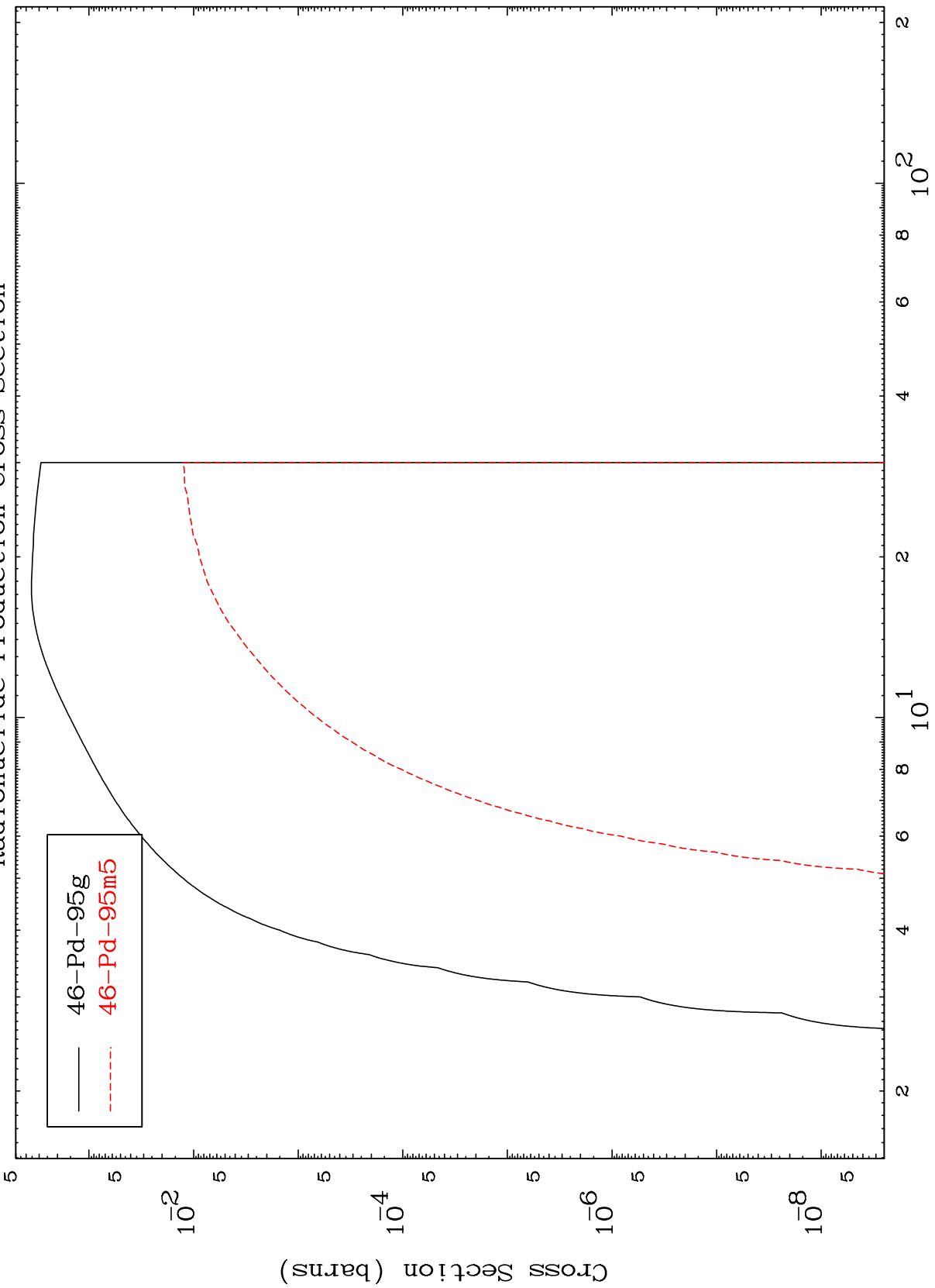
47-Ag-96

MAT 4693

(n,n') p

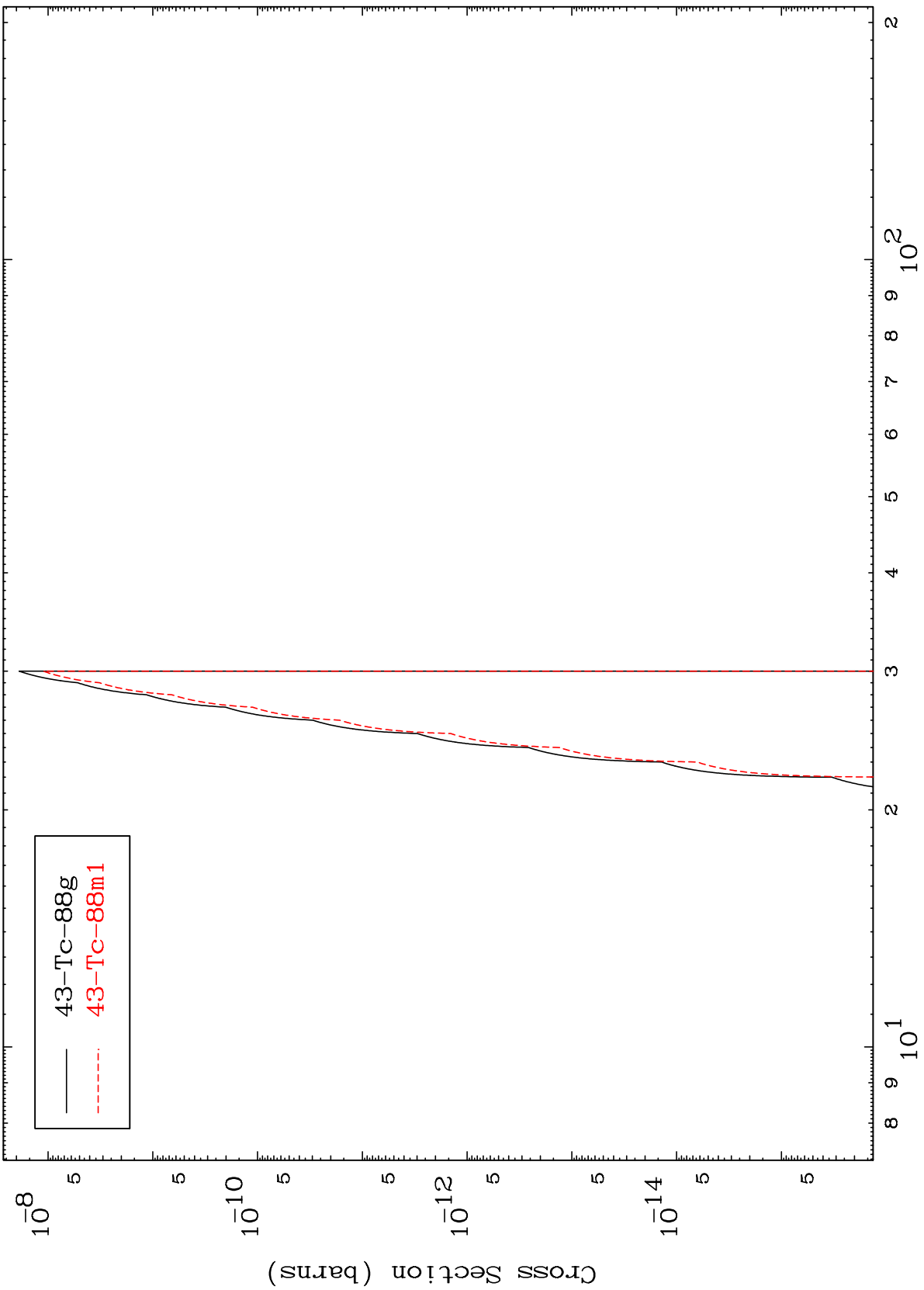
47-Ag-96

Radionuclide Production Cross Section



— 46-Pd-95g  
- - - 46-Pd-95m5

(n,n') 2 $\alpha$   
Radionuclide Production Cross Section

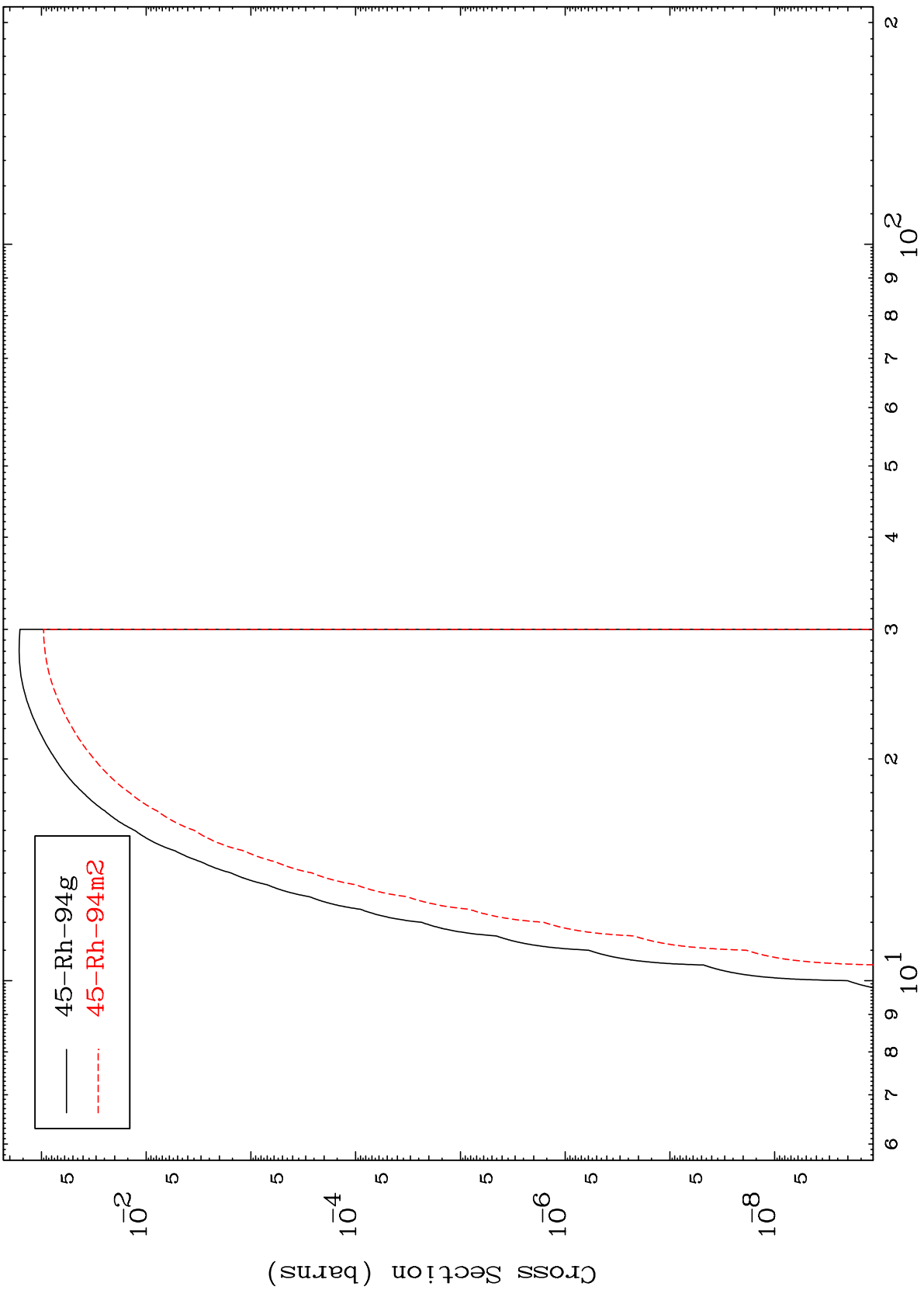


MAT 4693

(n,2n) p

47-Ag-96

Radionuclide Production Cross Section



— 45-Rh-94g  
- - - 45-Rh-94m2

23

Incident Energy (MeV)

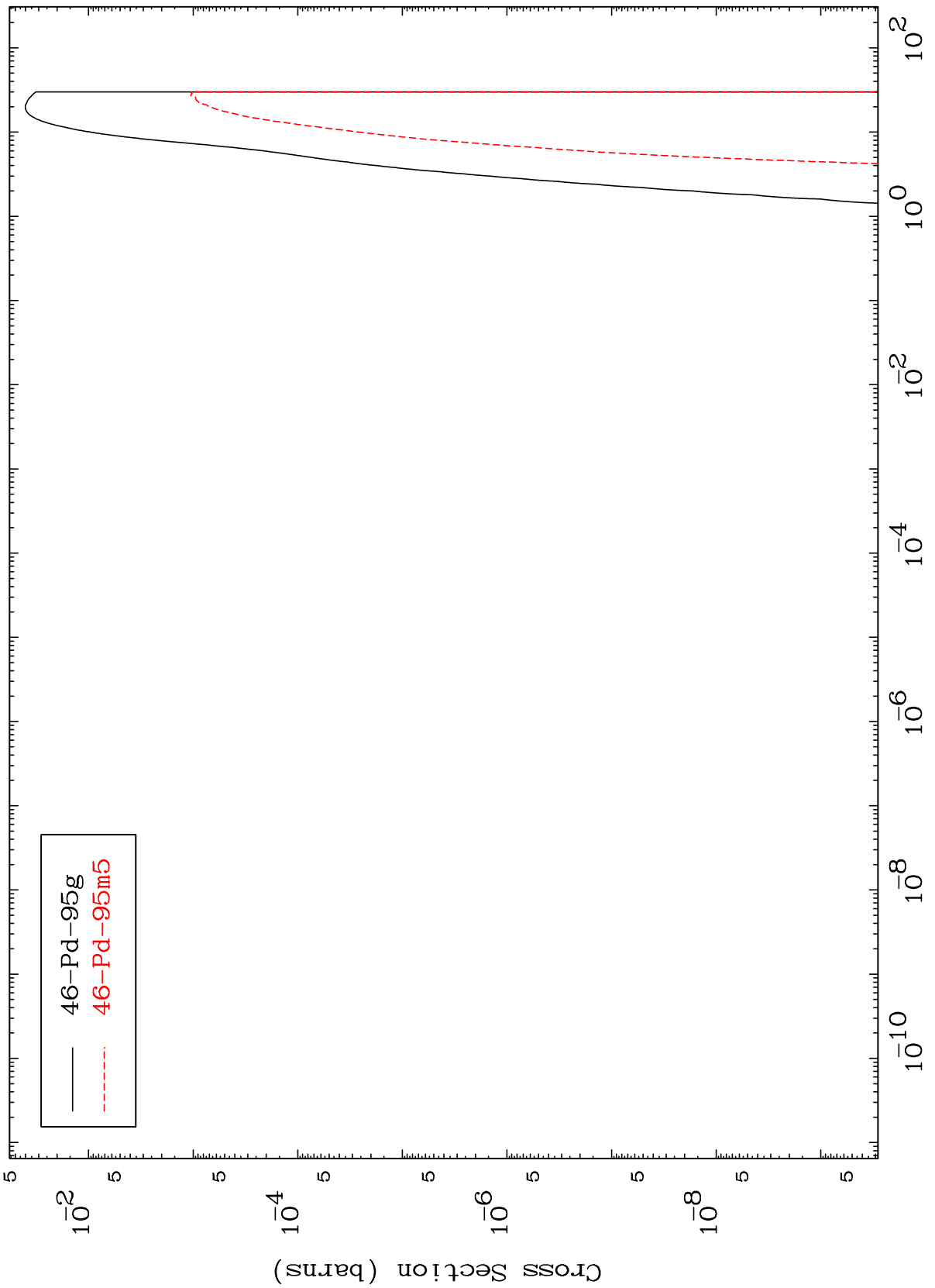
47-Ag-96



MAT 4693

(n,d)  
Radionuclide Production Cross Section

47-Ag-96



24

Incident Energy (MeV)

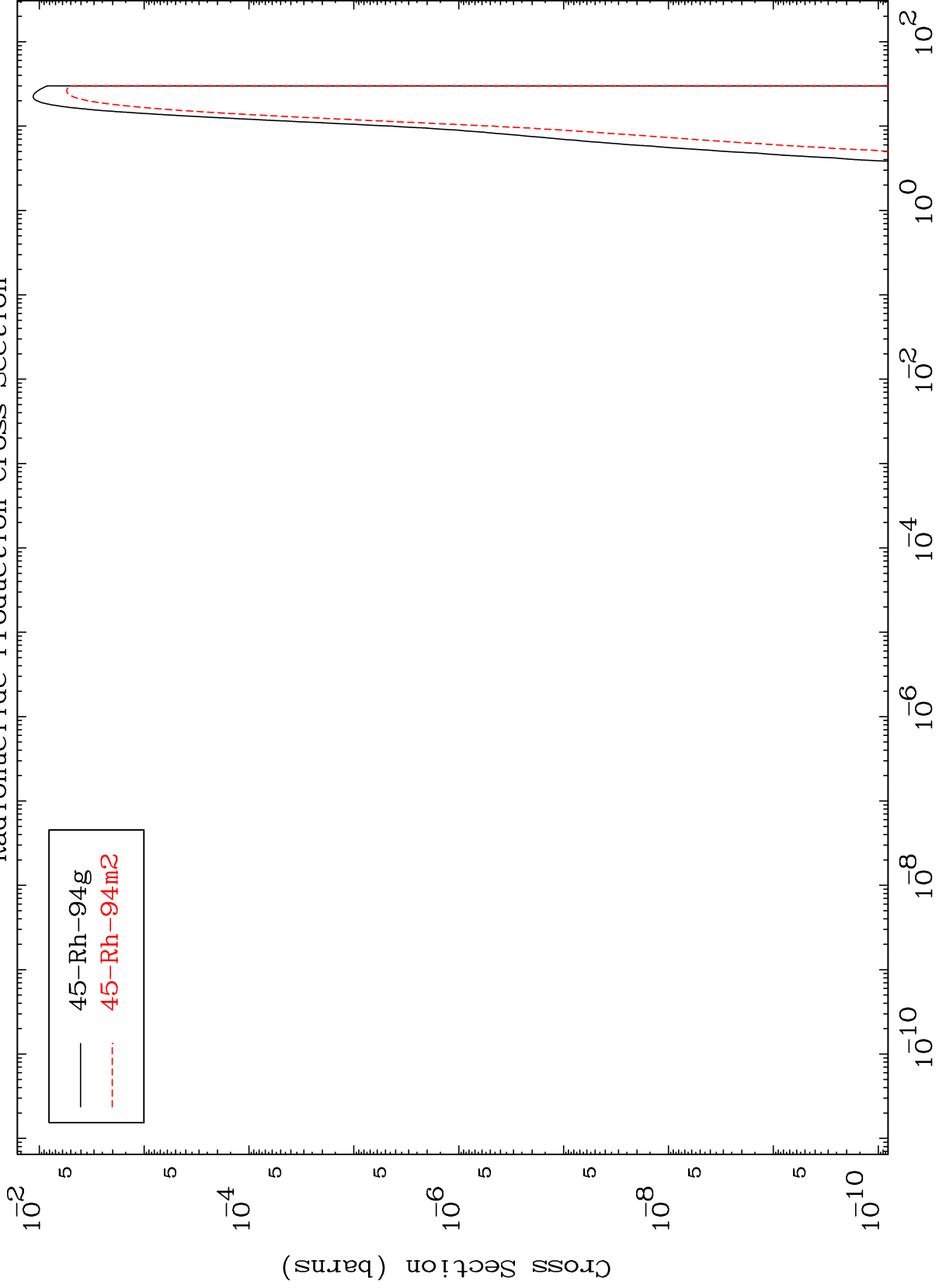
47-Ag-96

MAT 4693

(n,He-3)

47-Ag-96

Radionuclide Production Cross Section



25

Incident Energy (MeV)

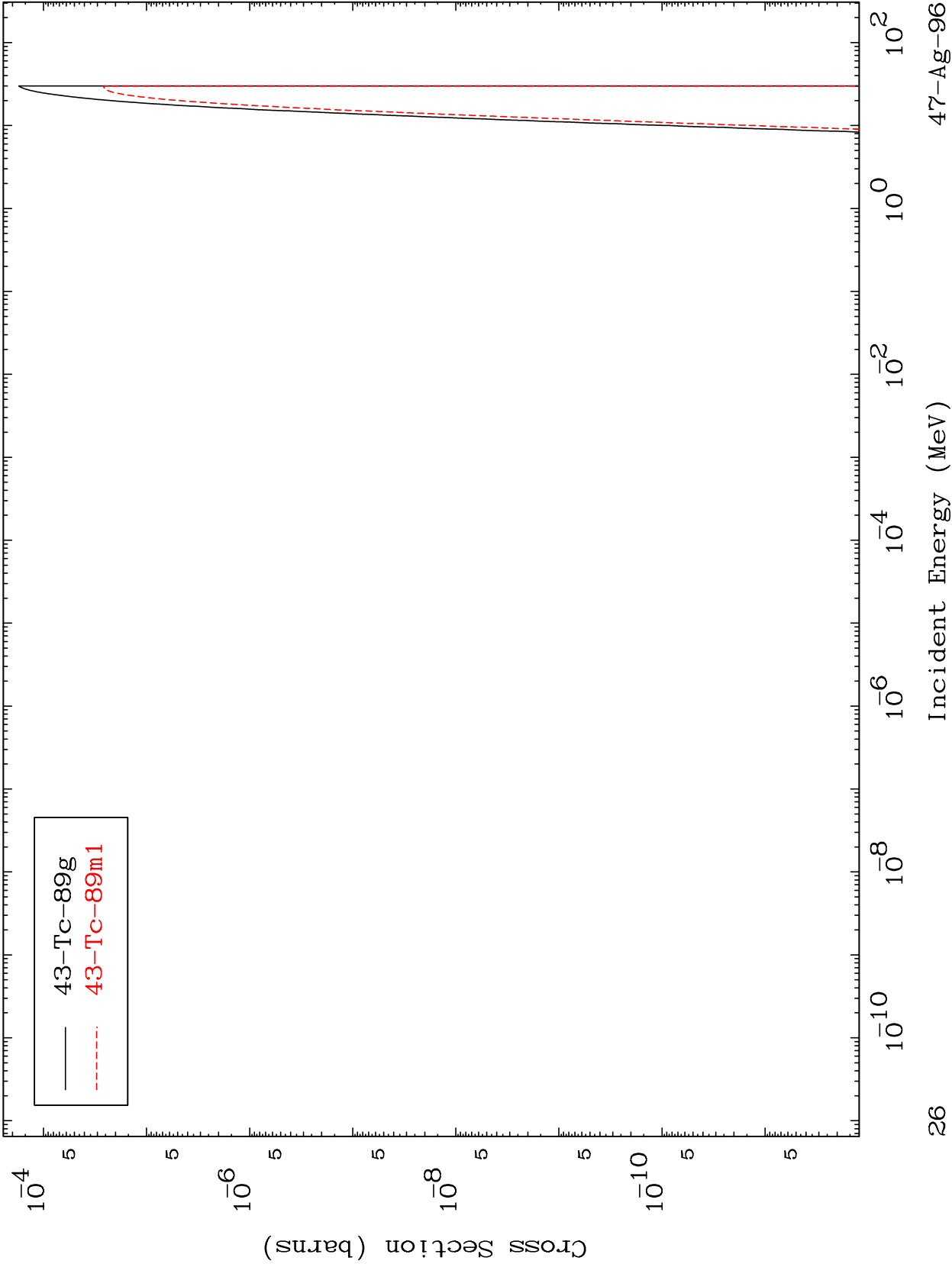
47-Ag-96

MAT 4693

(n,2α)

47-Ag-96

Radionuclide Production Cross Section



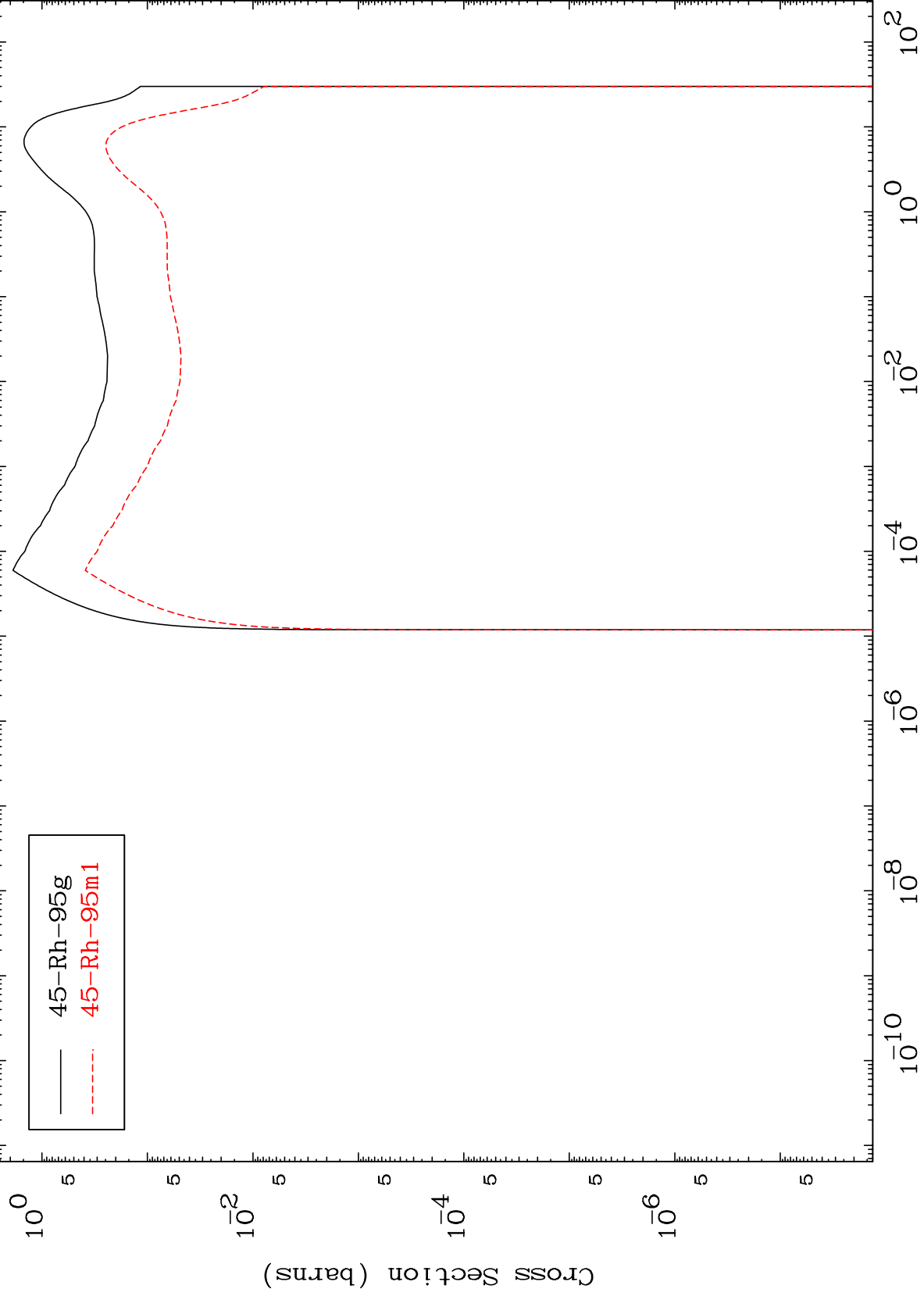
— 43-Tc-89g  
- - - 43-Tc-89m1

MAT 4693

(n,2p)

47-Ag-96

Radionuclide Production Cross Section



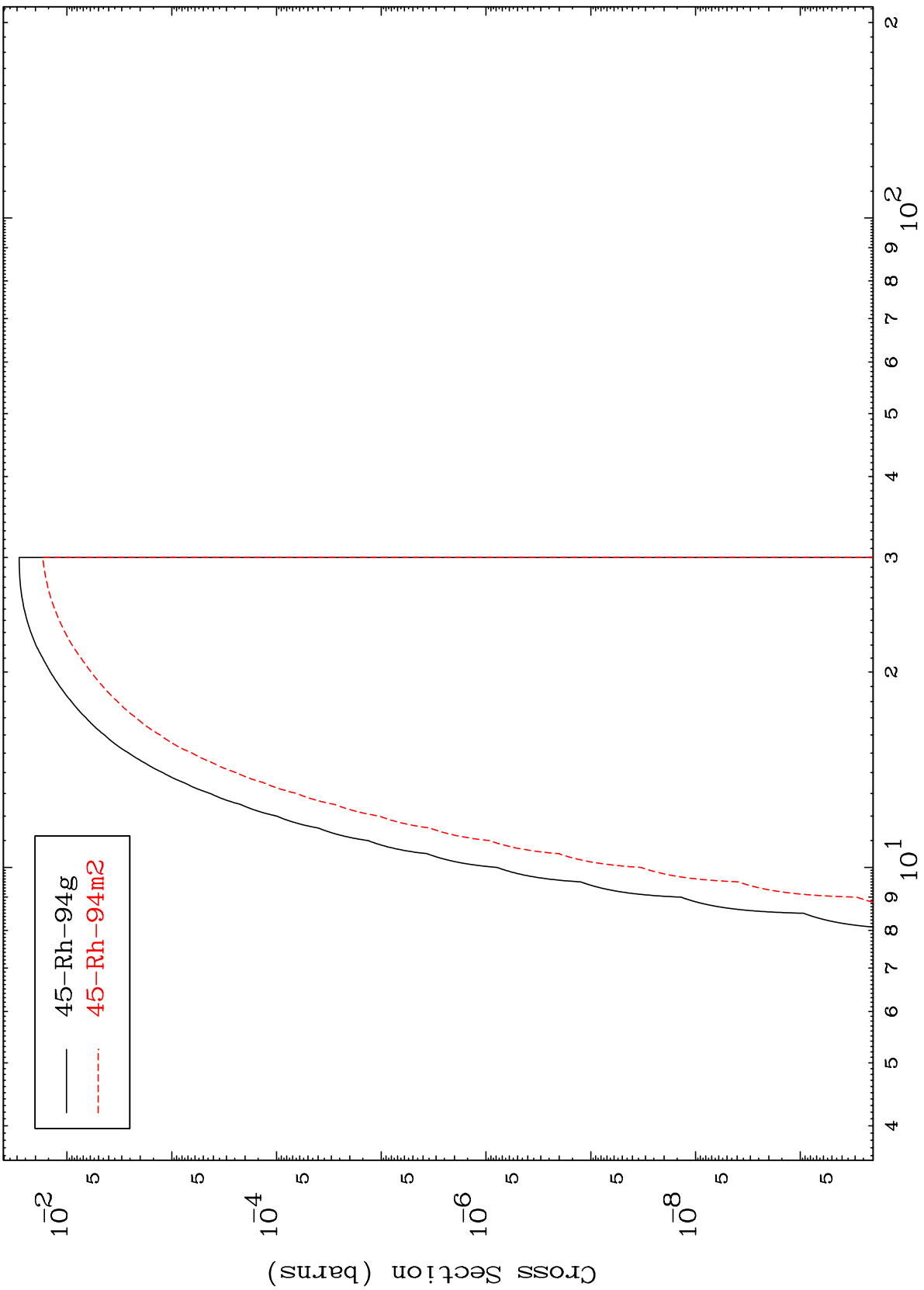
— 45-Rh-95g  
- - - 45-Rh-95m1

MAT 4693

(n,p) d

47-Ag-96

Radionuclide Production Cross Section



— 45-Rh-94g  
- - - 45-Rh-94m2

28

Incident Energy (MeV)

47-Ag-96