

Program EVALPLOT  
(Version 2021-1)

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

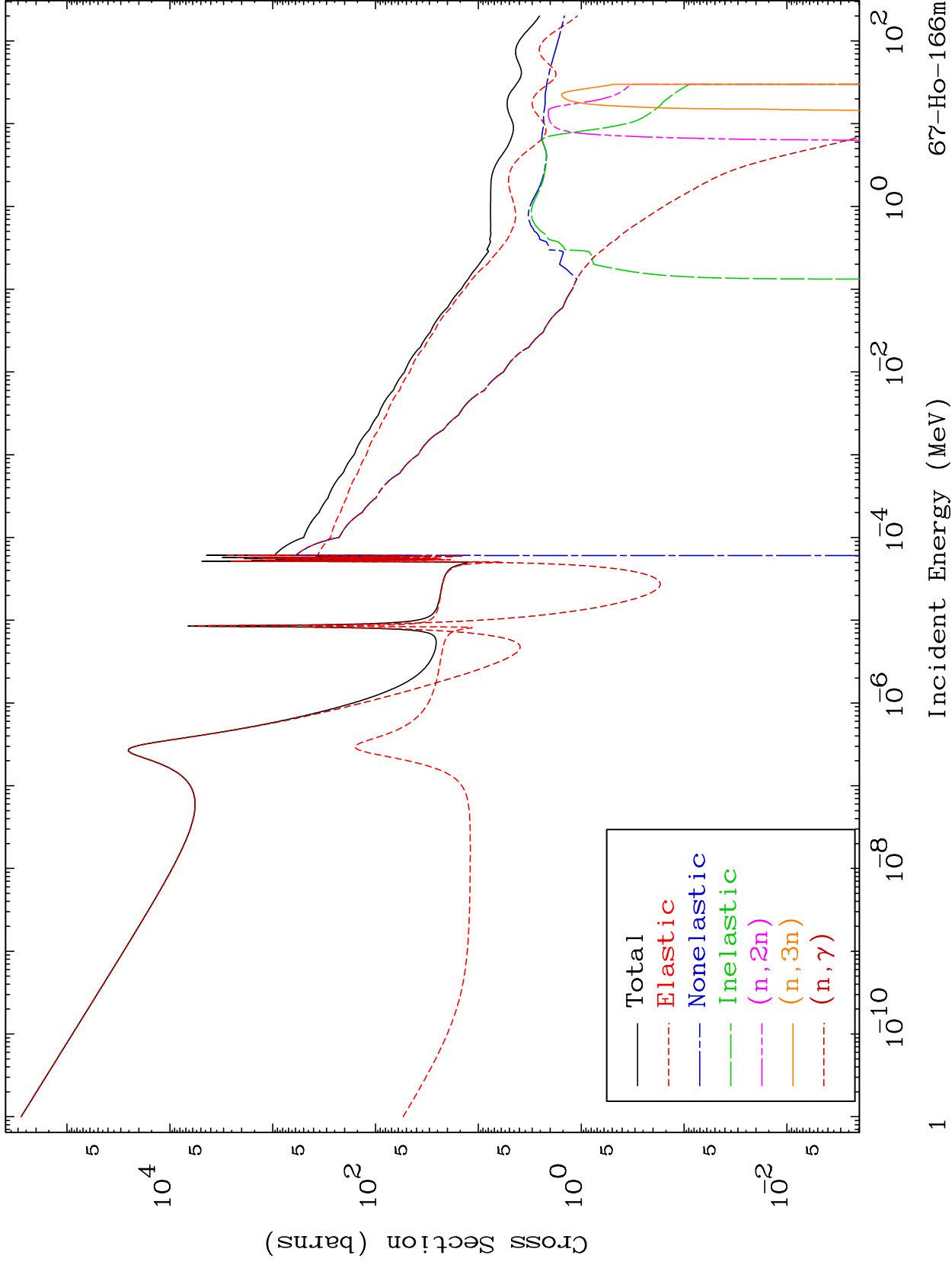
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6729

Neutron Major  
293 Kelvin Cross Sections

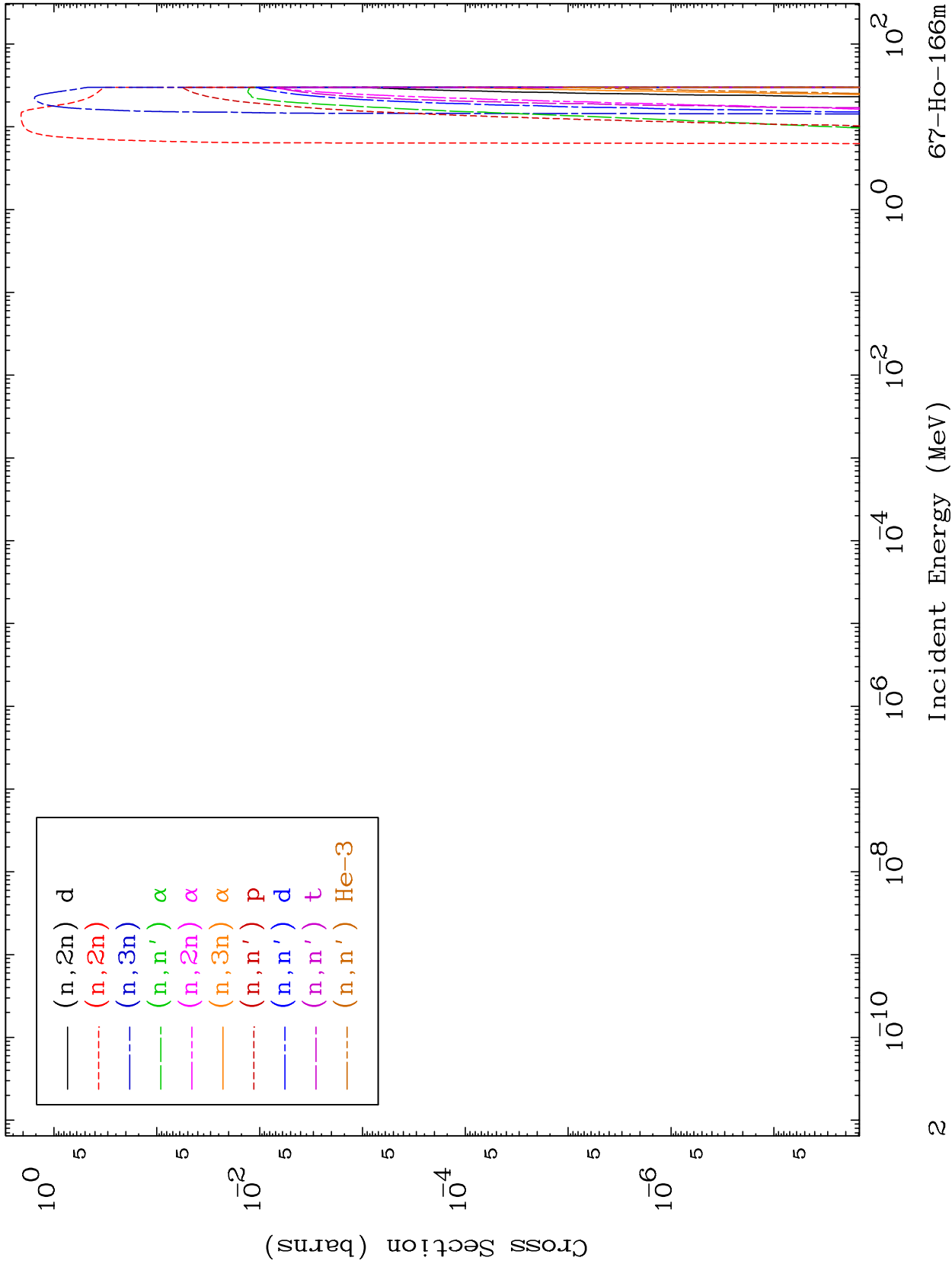
67-Ho-166m



MAT 6729

Neutron Absorption  
293 Kelvin Cross Sections

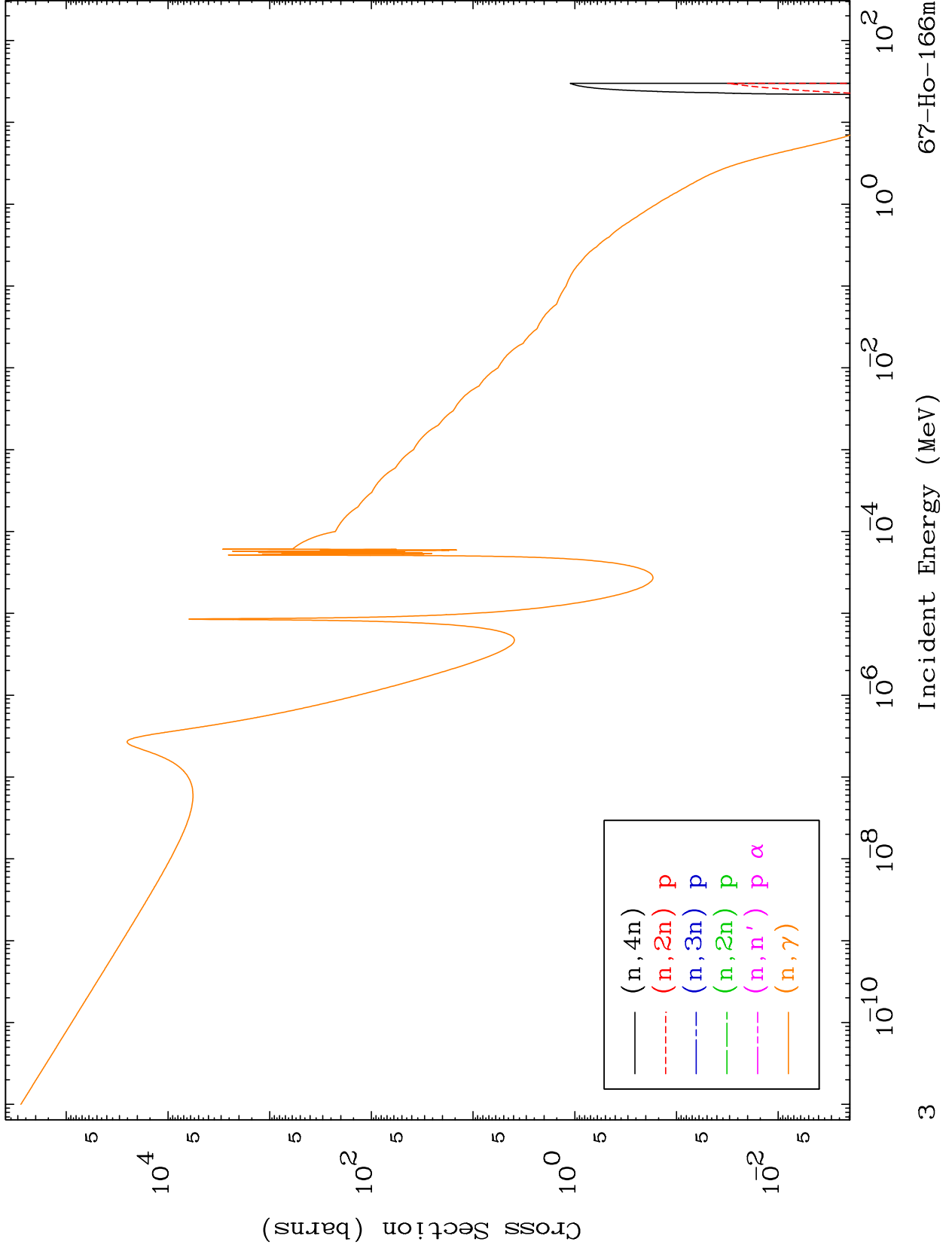
67-Ho-166m



MAT 6729

Neutron Absorption  
293 Kelvin Cross Sections

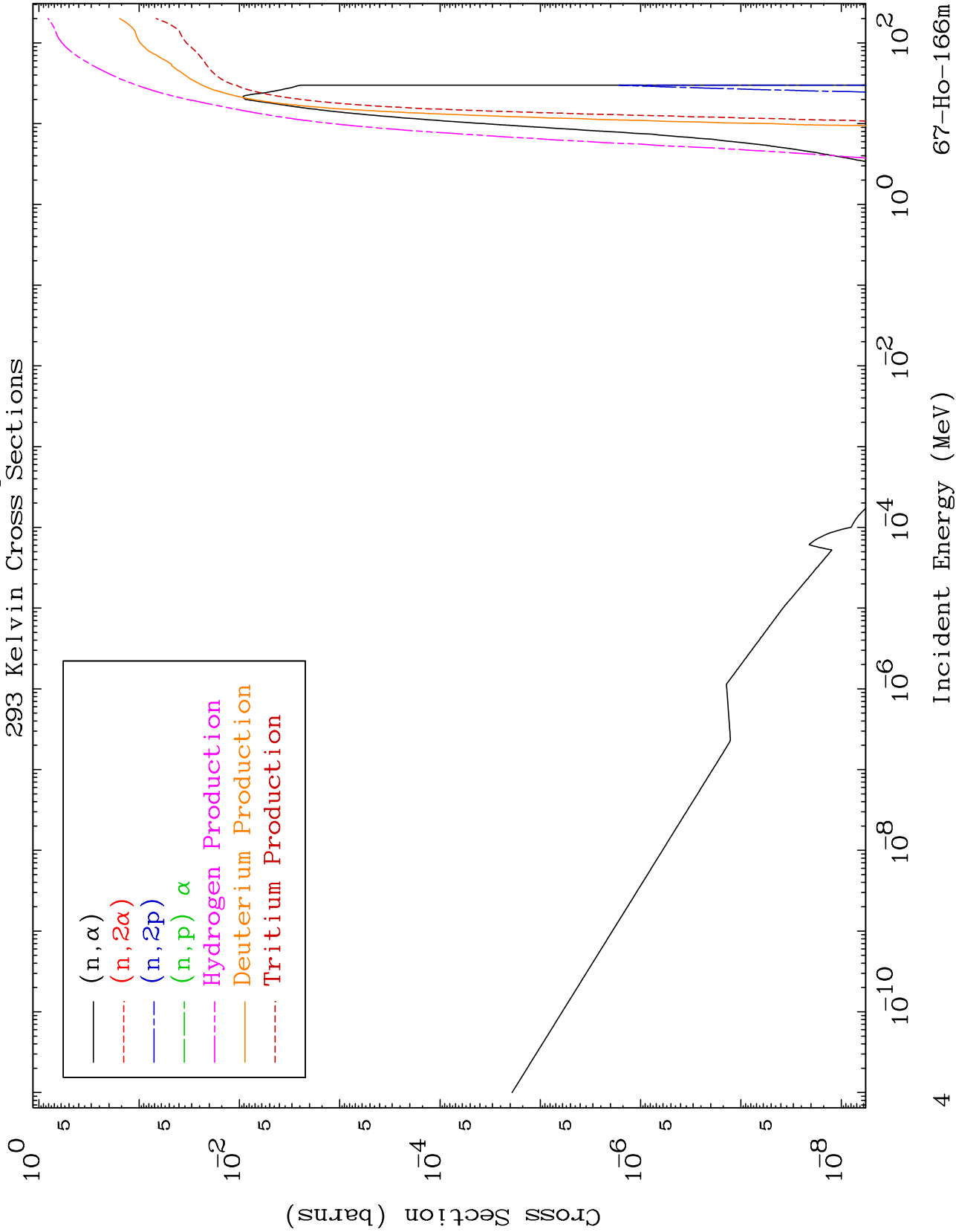
67-Ho-166m



MAT 6729

Neutron Absorption  
293 Kelvin Cross Sections

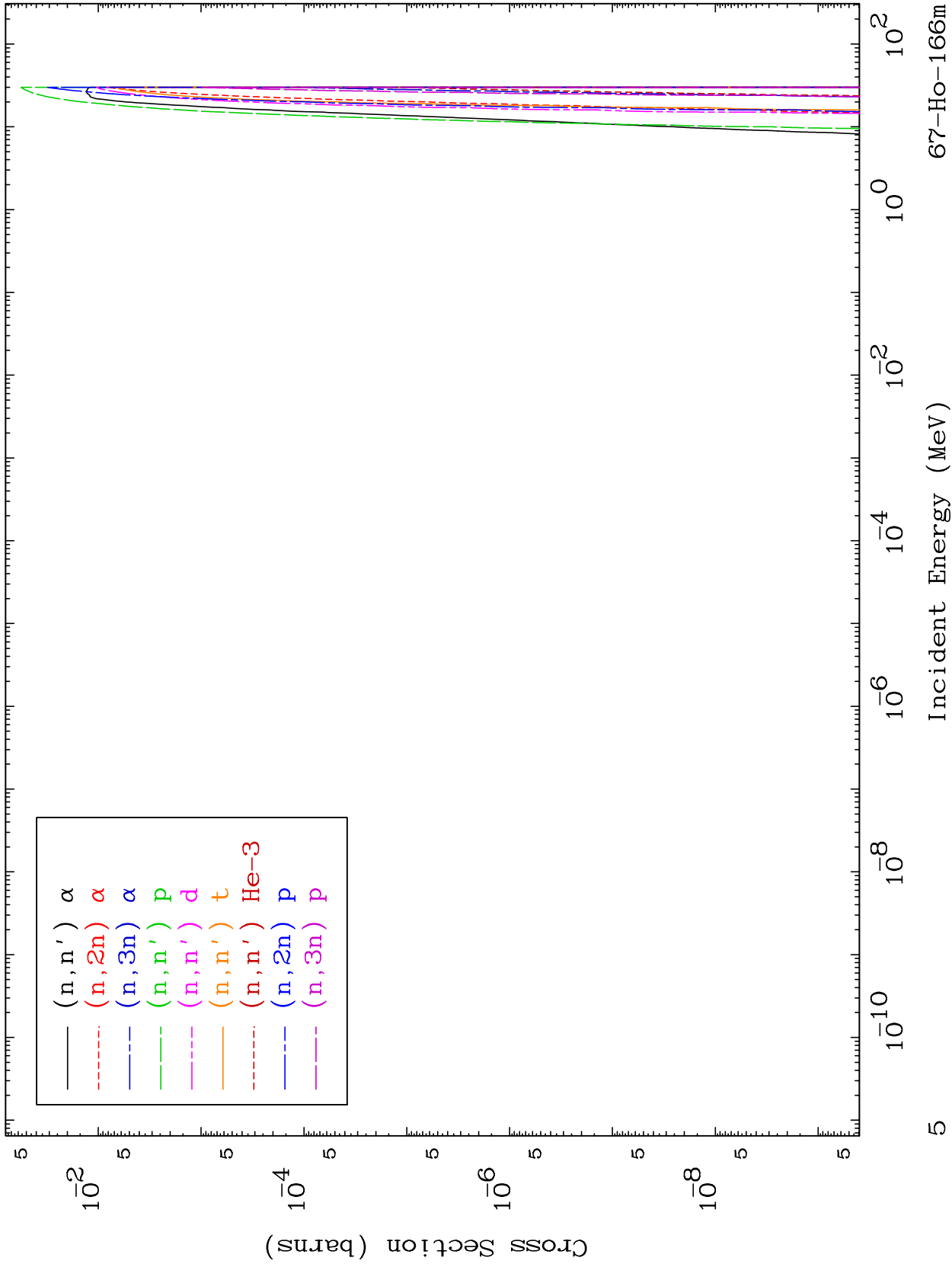
67-Ho-166m



MAT 6729

Charged Particle  
293 Kelvin Cross Sections

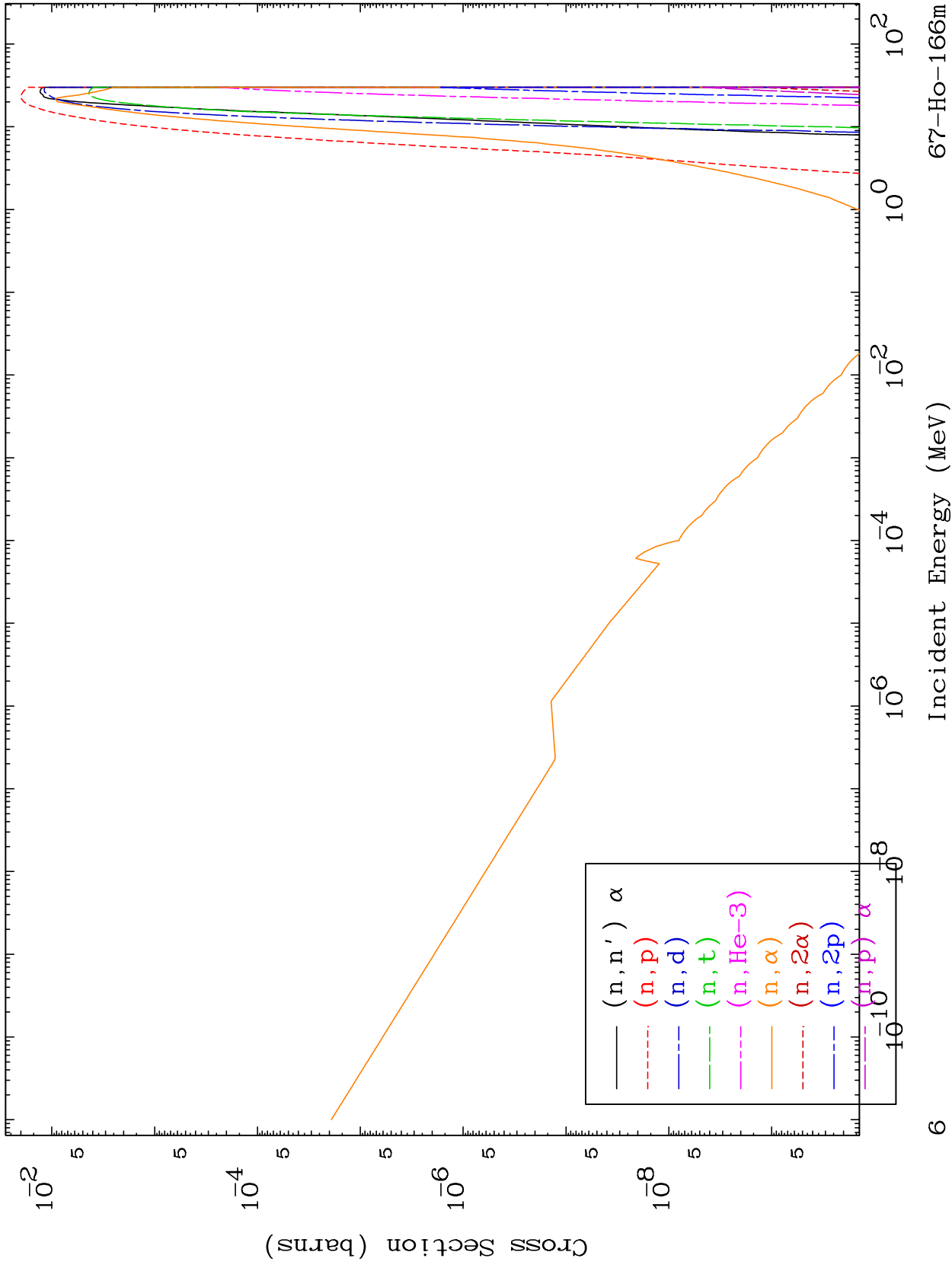
67-Ho-166m



MAT 6729

Charged Particle  
293 Kelvin Cross Sections

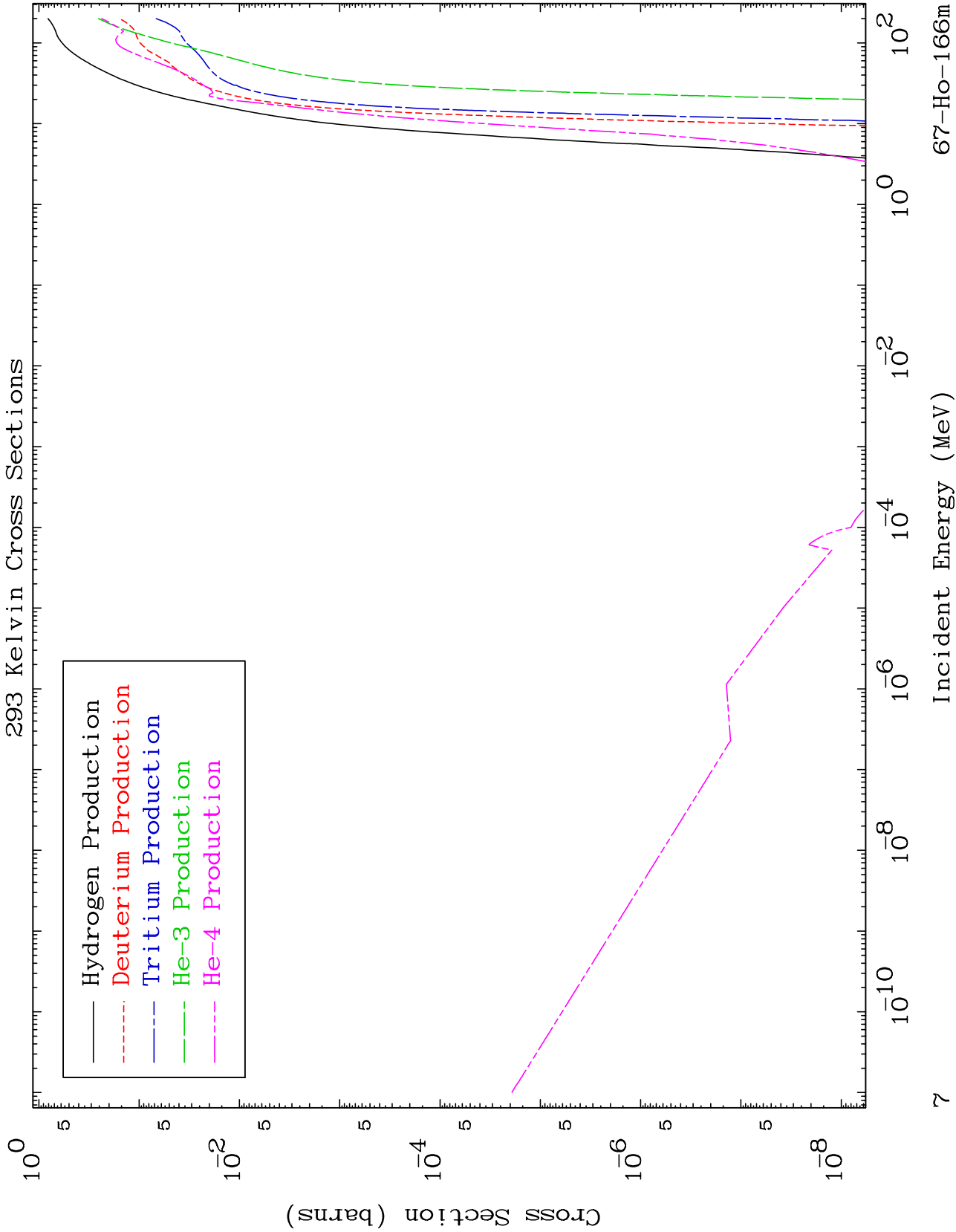
67-Ho-166m



MAT 6729

Particle Production  
293 Kelvin Cross Sections

67-Ho-166m

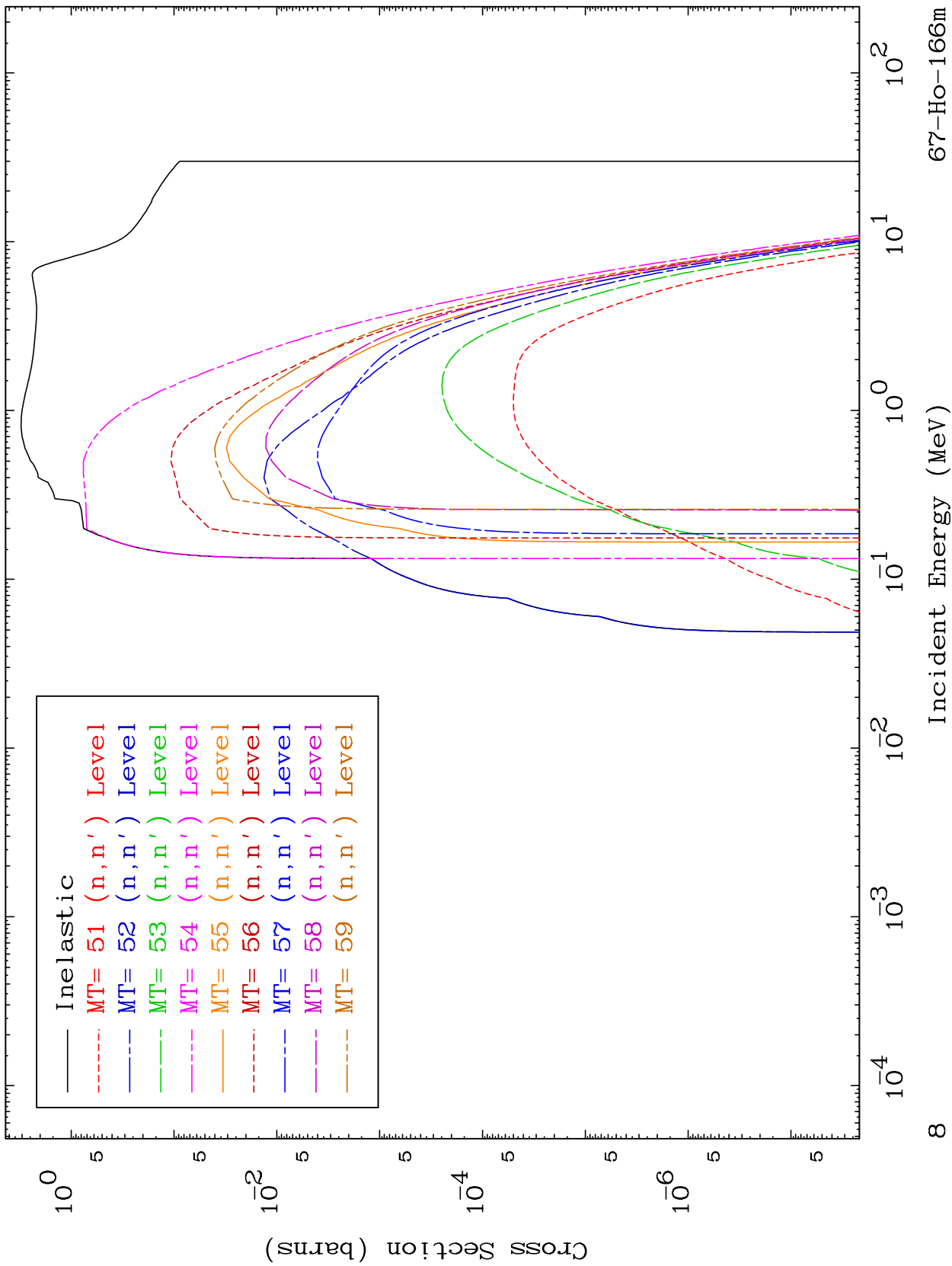




MAT 6729

293 Kelvin Cross Sections  
(n,n') Levels

67-Ho-166m



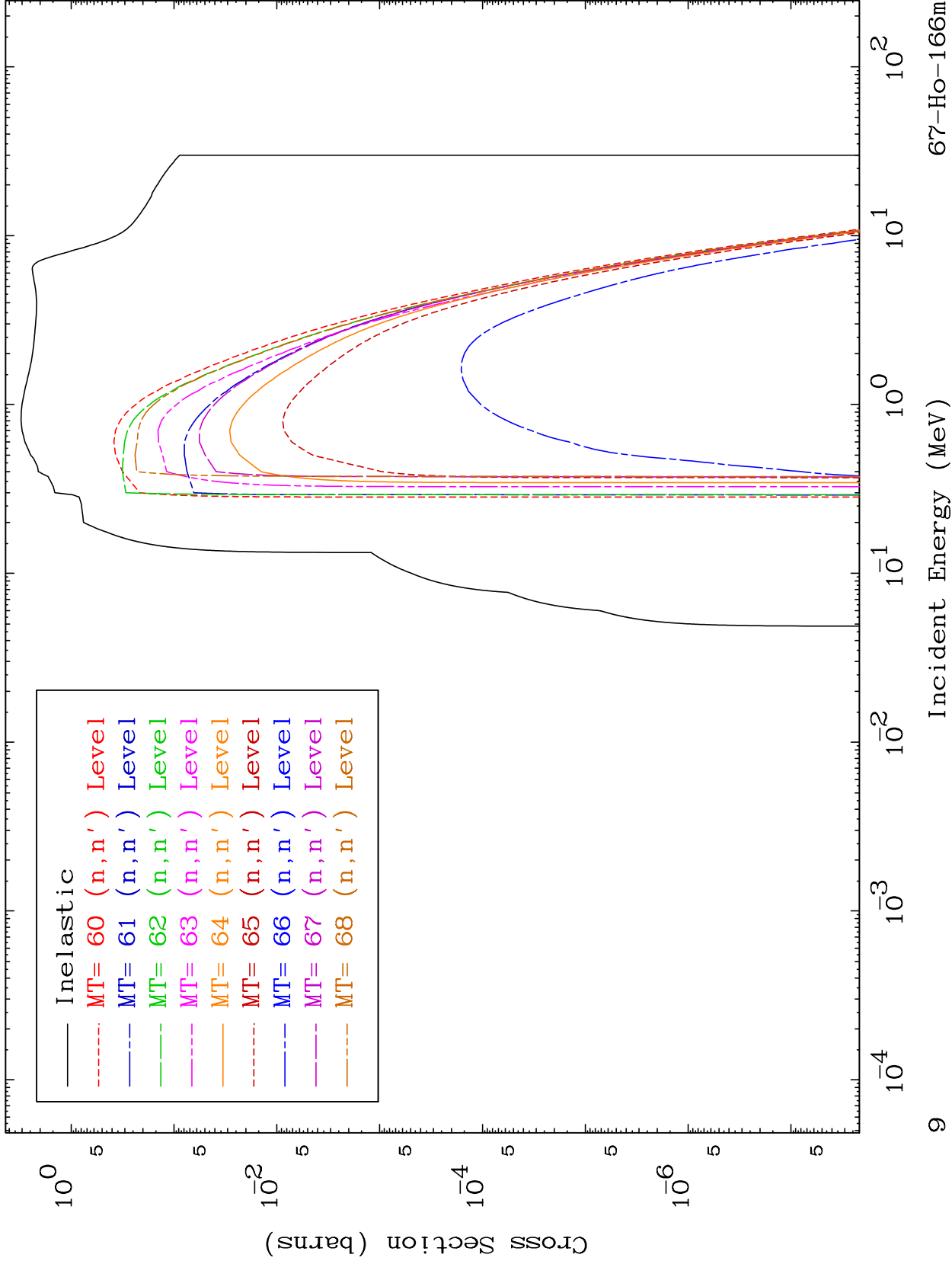
67-Ho-166m

Incident Energy (MeV)

MAT 6729

293 Kelvin Cross Sections  
(n,n') Levels

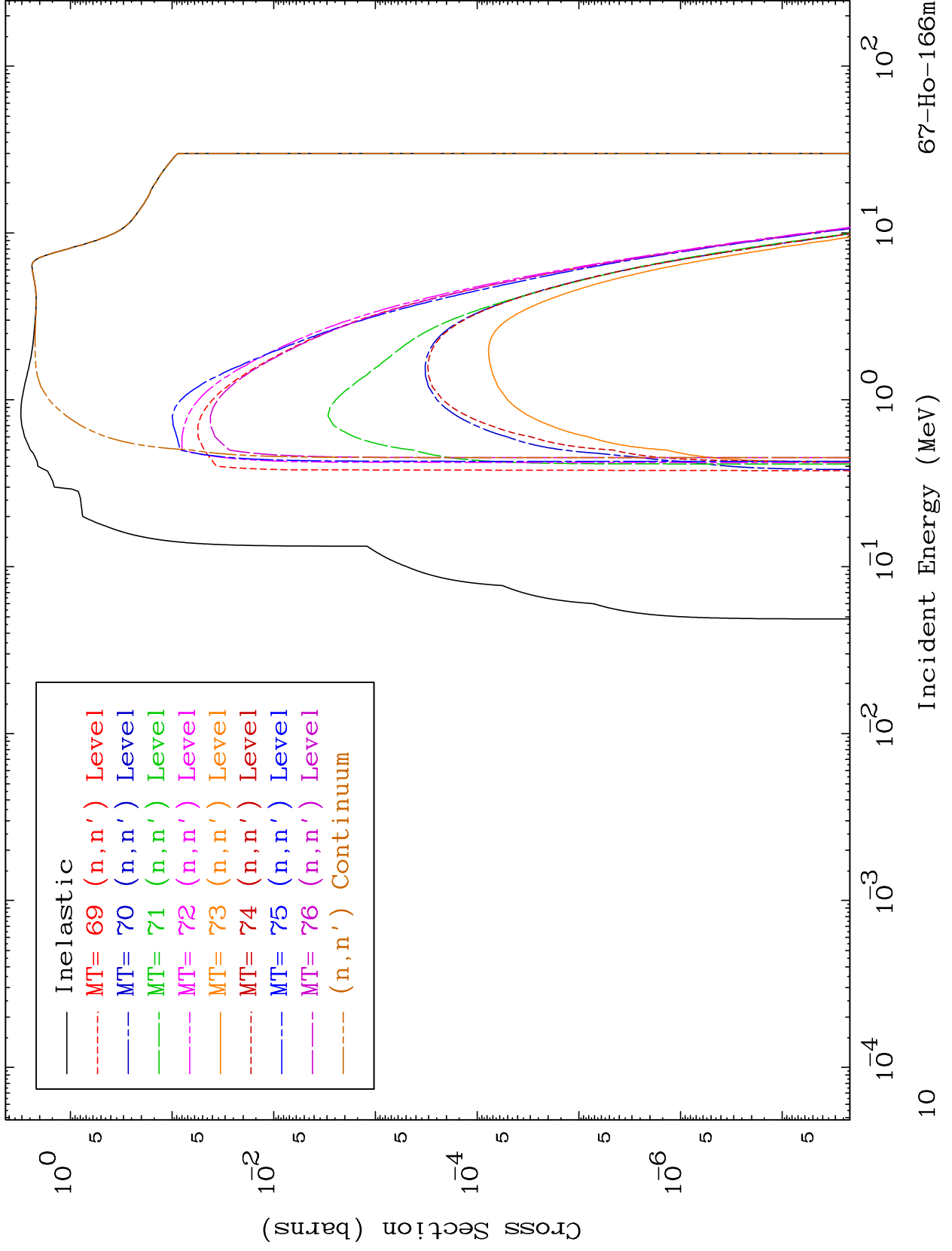
67-Ho-166m



MAT 6729

293 Kelvin Cross Sections  
(n,n') Levels

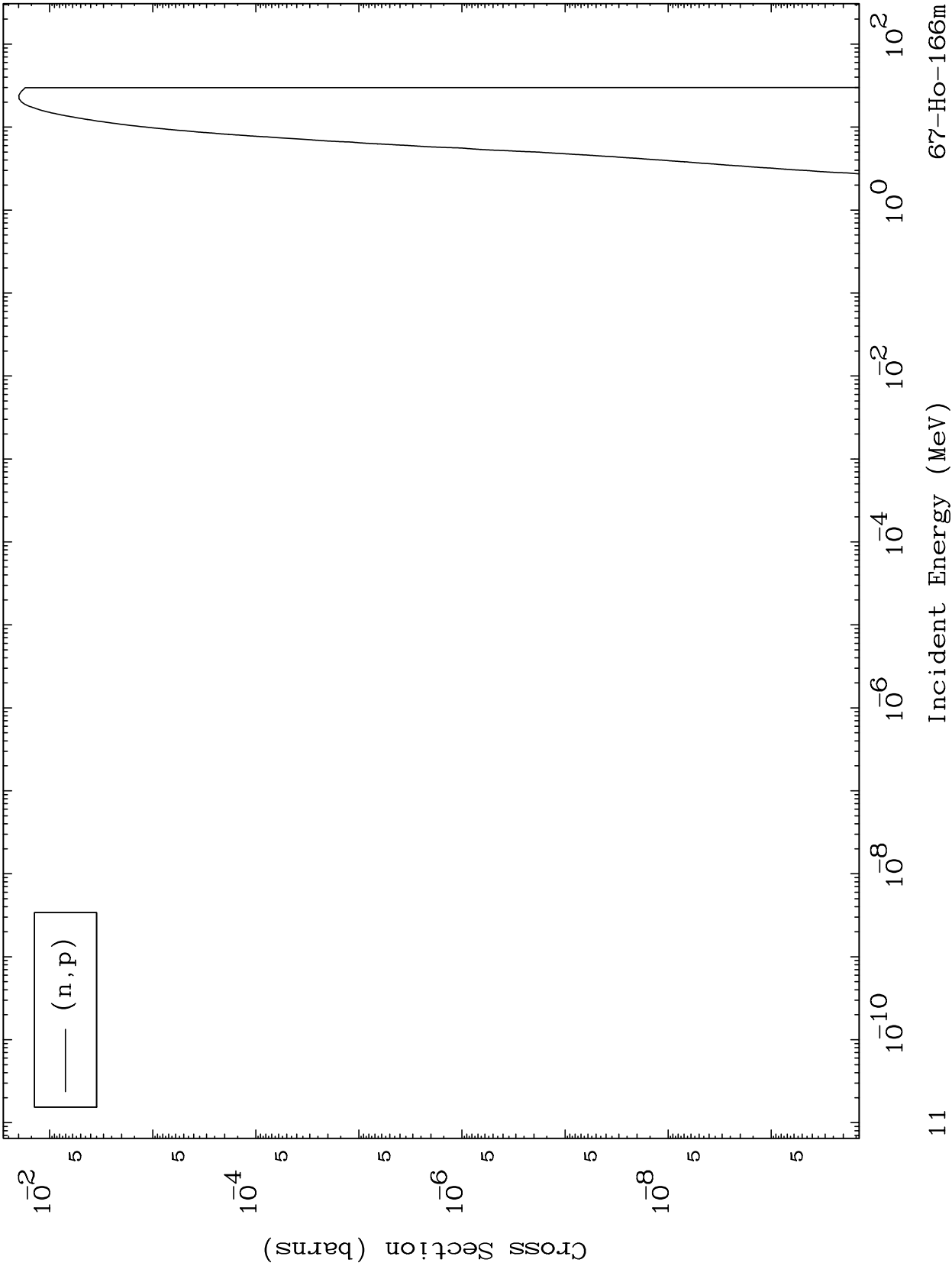
67-Ho-166m



MAT 6729

(n,p) Levels  
293 Kelvin Cross Sections

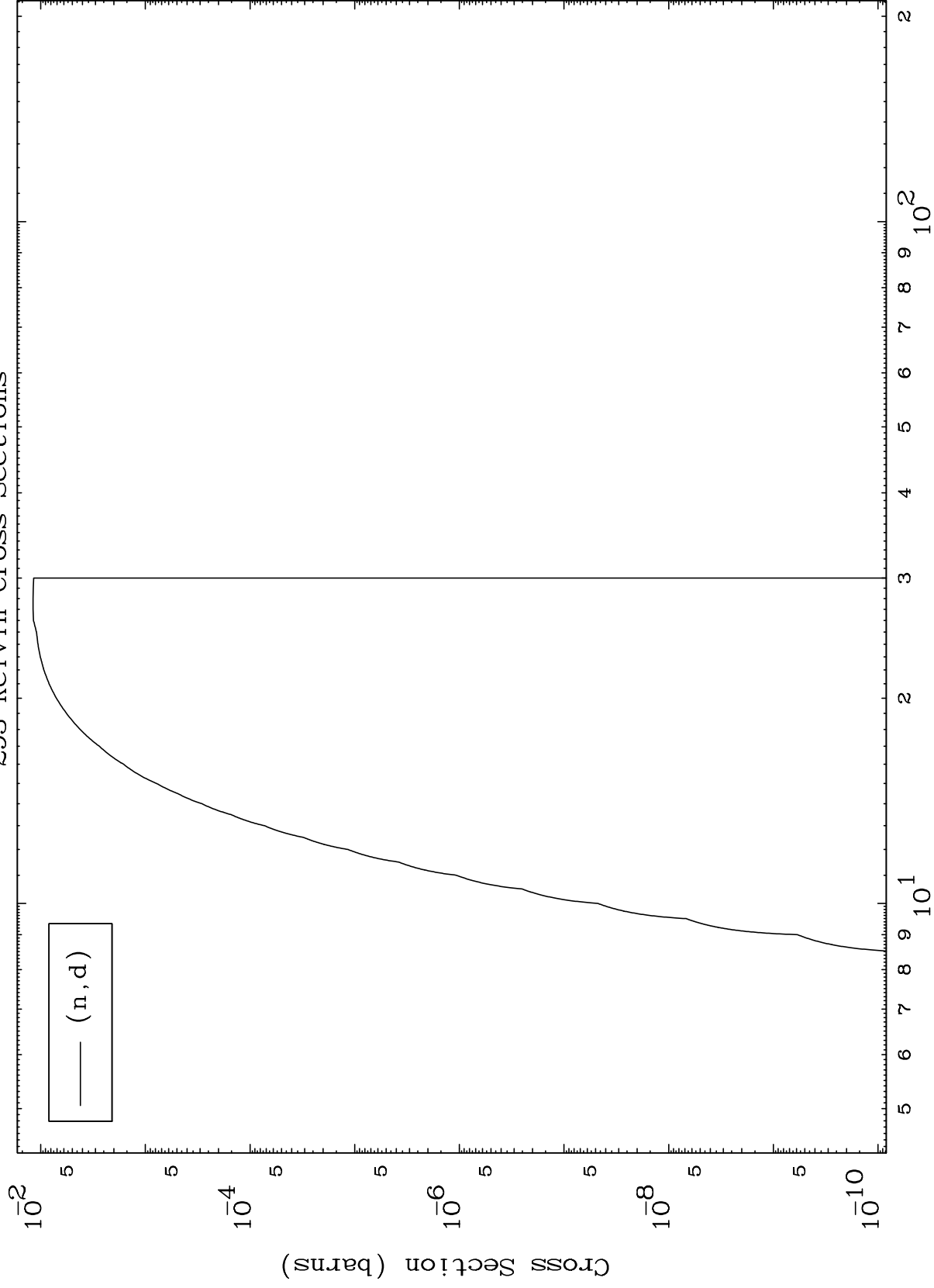
67-Ho-166m



MAT 6729

(n,d) Levels  
293 Kelvin Cross Sections

67-Ho-166m



12

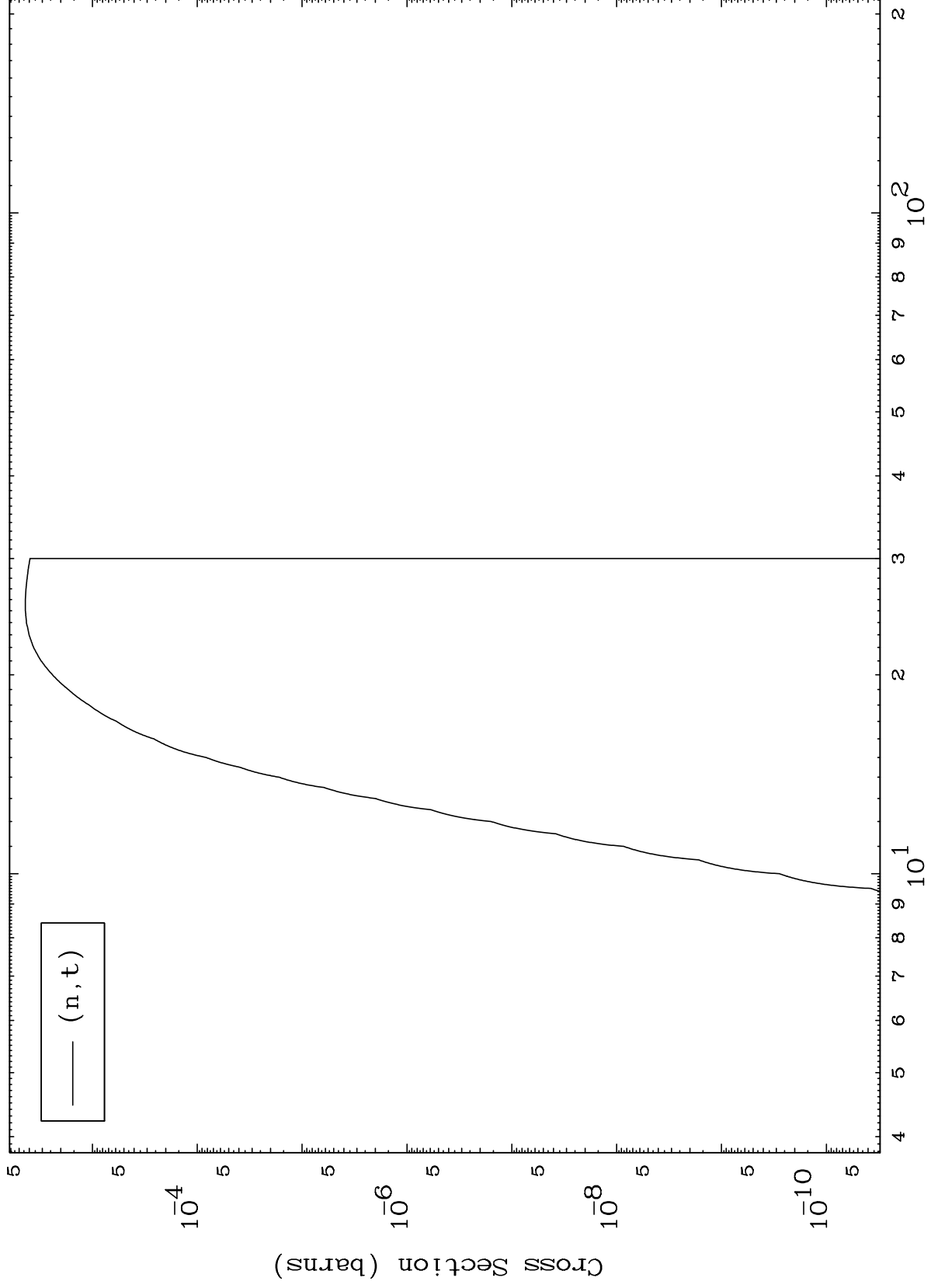
Incident Energy (MeV)

67-Ho-166m

MAT 6729

(n,t) Levels  
293 Kelvin Cross Sections

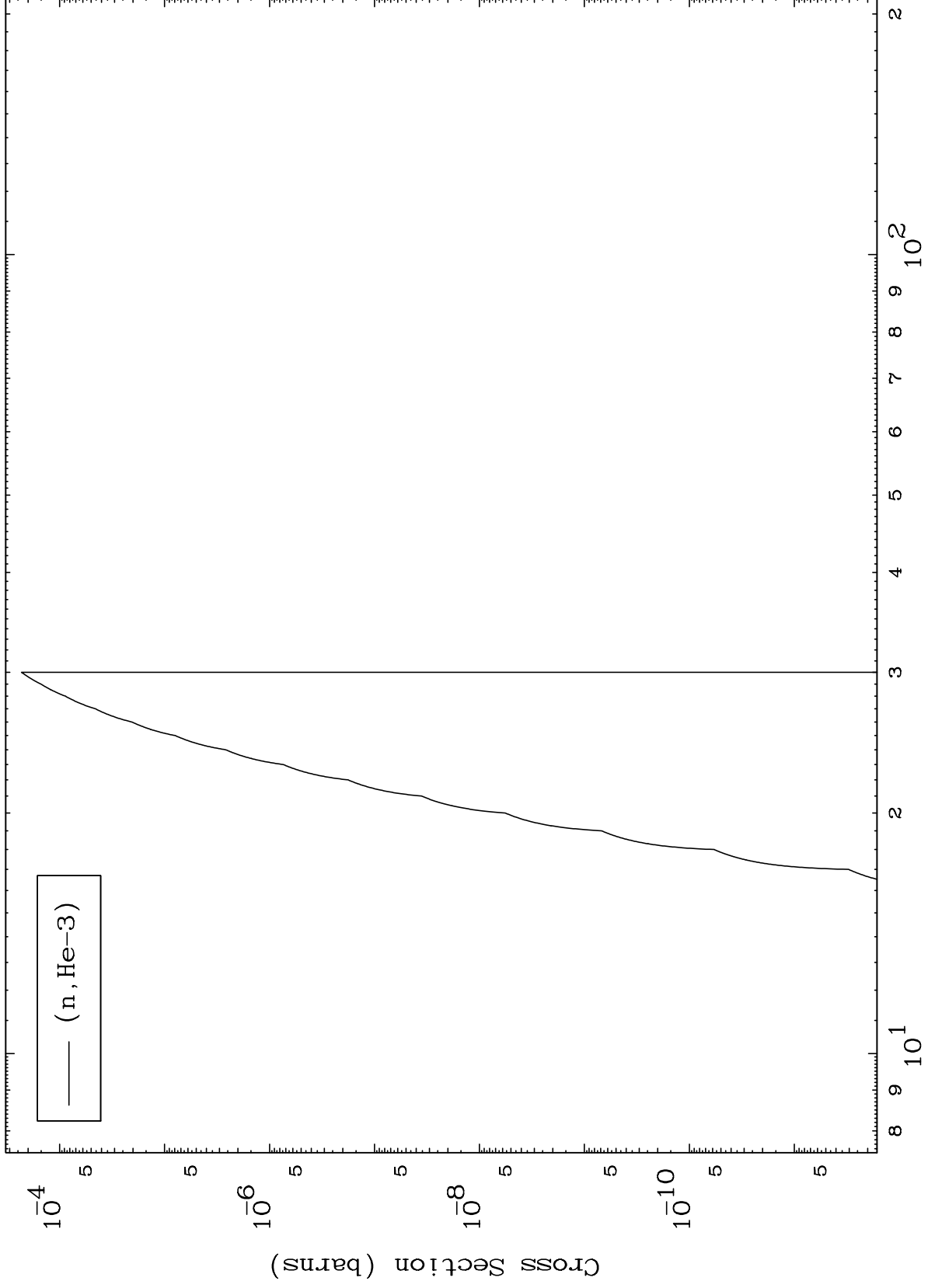
67-Ho-166m



MAT 6729

(n,He3) Levels  
293 Kelvin Cross Sections

67-Ho-166m



14

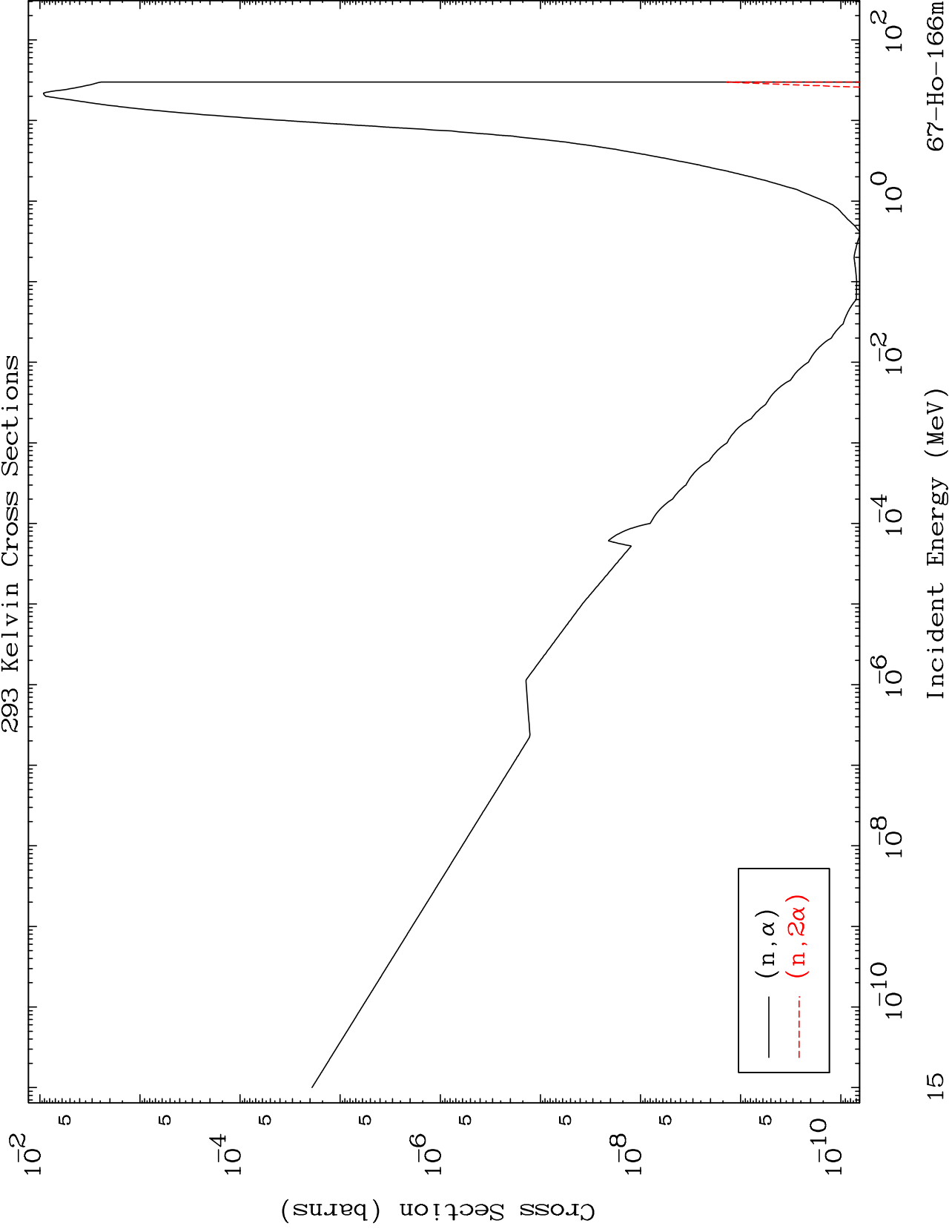
Incident Energy (MeV)

67-Ho-166m

MAT 6729

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

67-Ho-166m



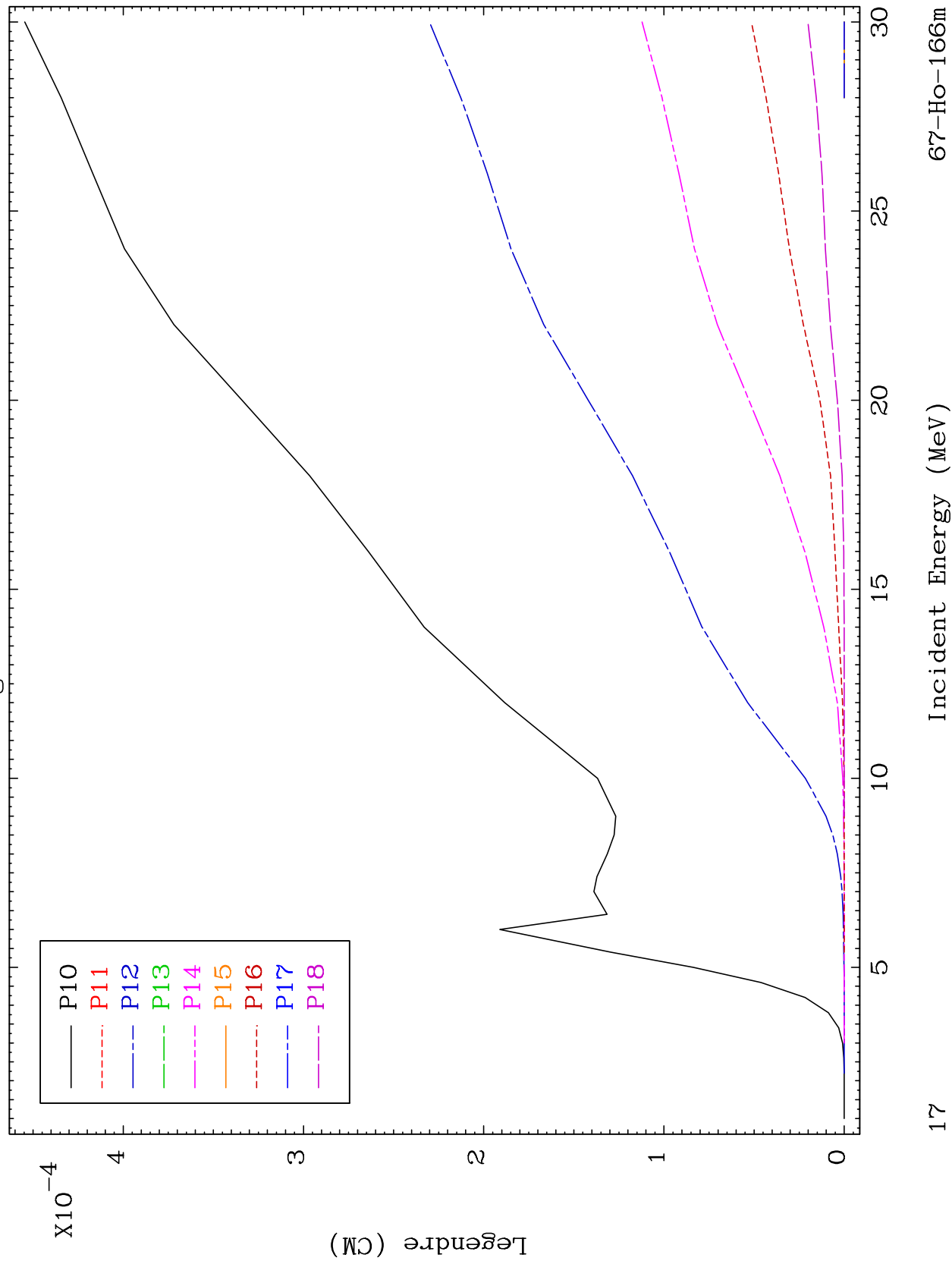




MAT 6729

### Elastic Legendre Coefficients

67-Ho-166m



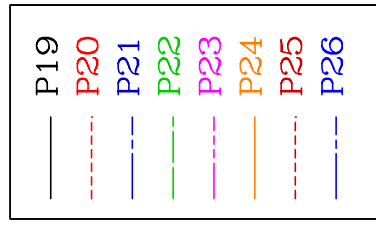
17

67-Ho-166m

MAT 6729

Elastic  
Legendre Coefficients

67-Ho-166m



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

25

30

18

Incident Energy (MeV)

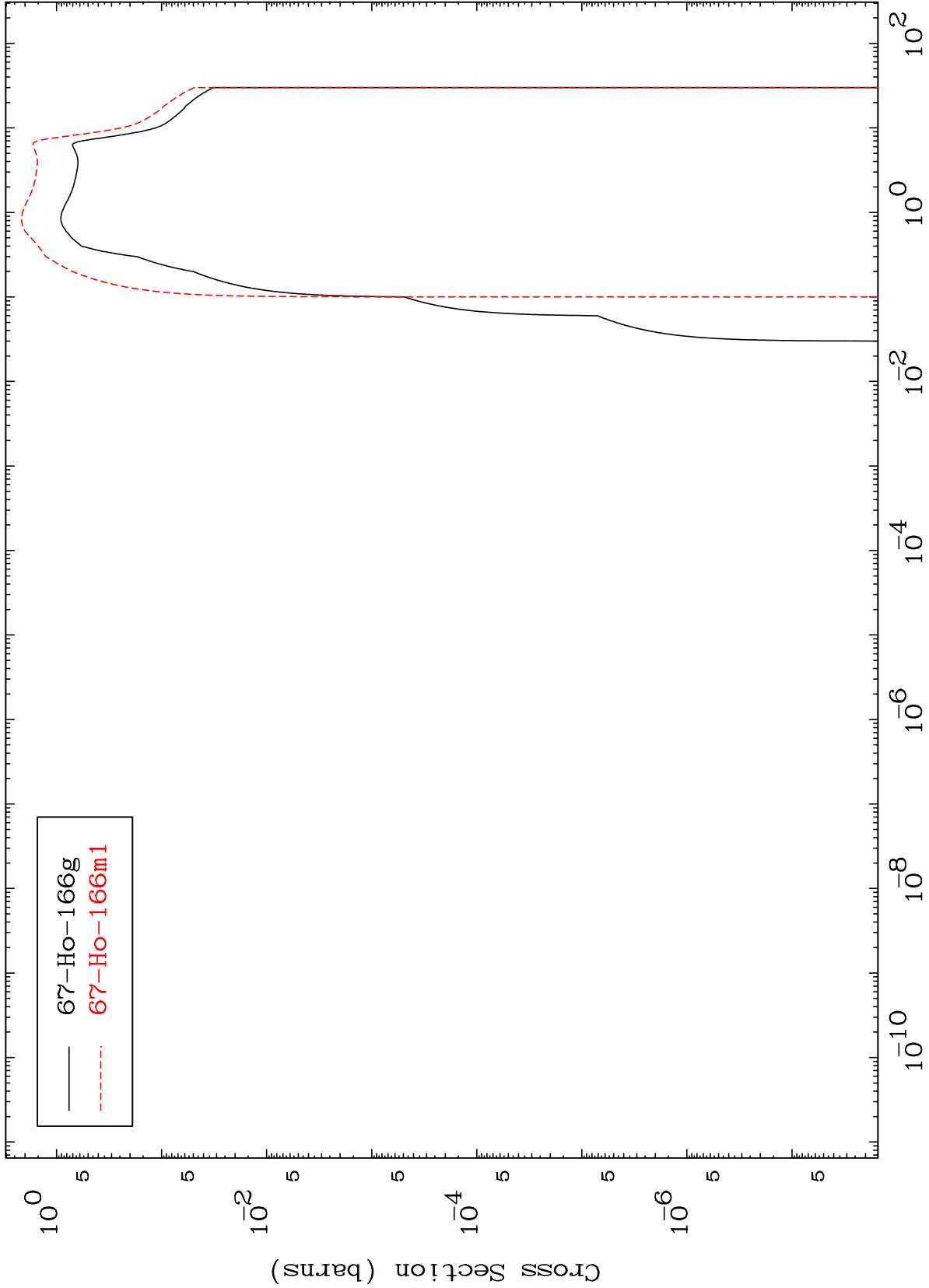
67-Ho-166m



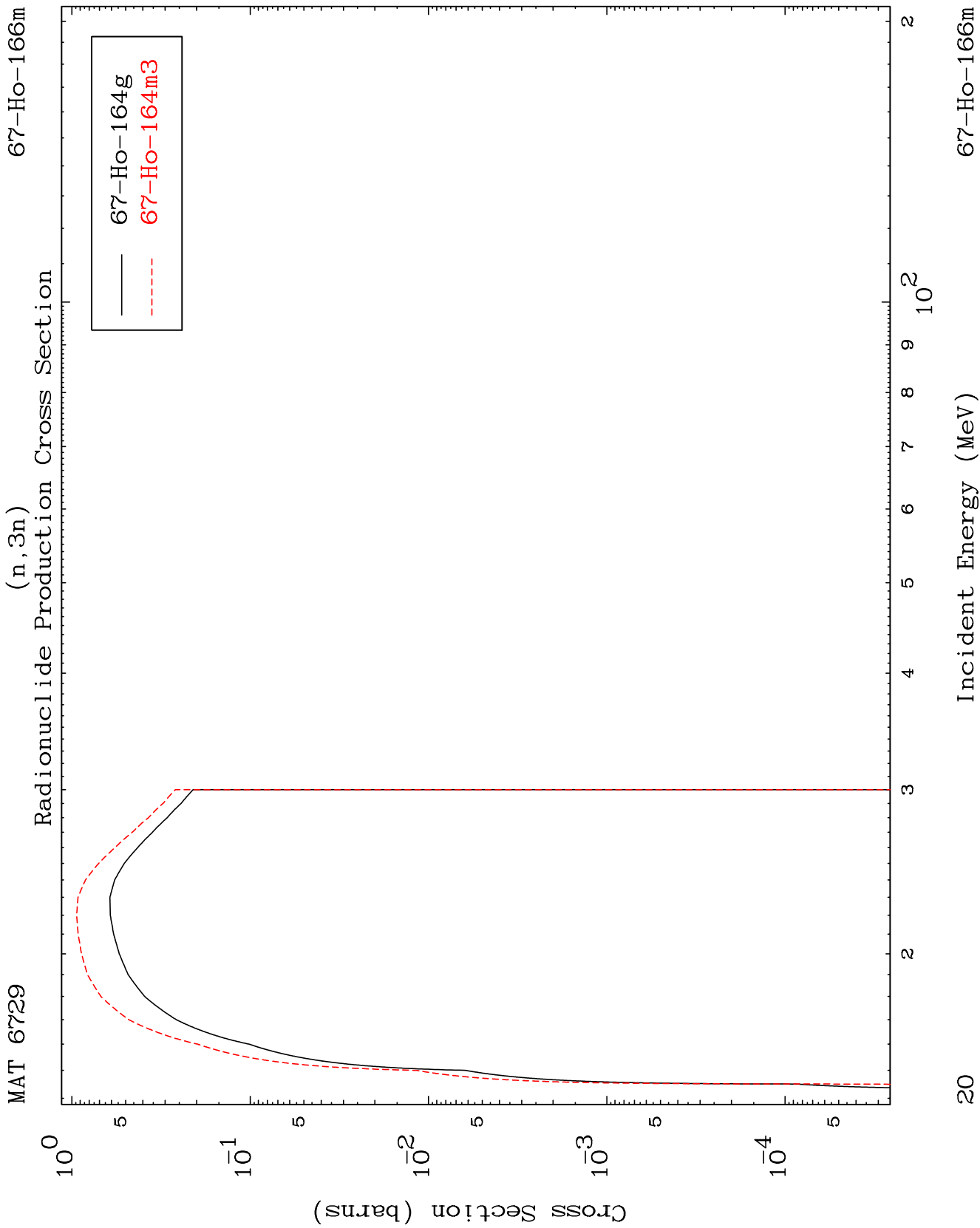
MAT 6729

Inelastic  
Radionuclide Production Cross Section

67-Ho-166m



67-Ho-166m

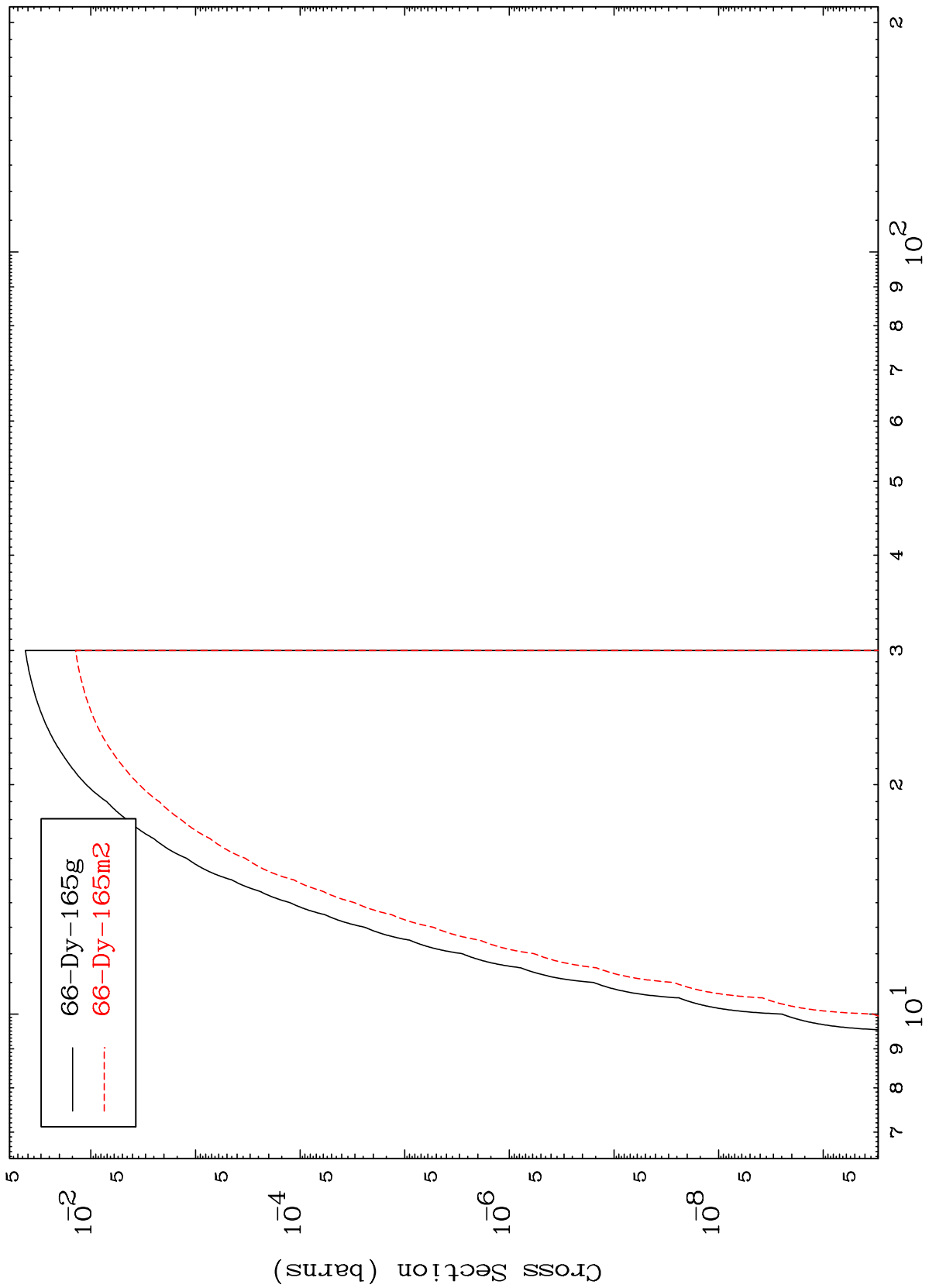


MAT 6729

(n,n') p

67-Ho-166m

Radionuclide Production Cross Section



21

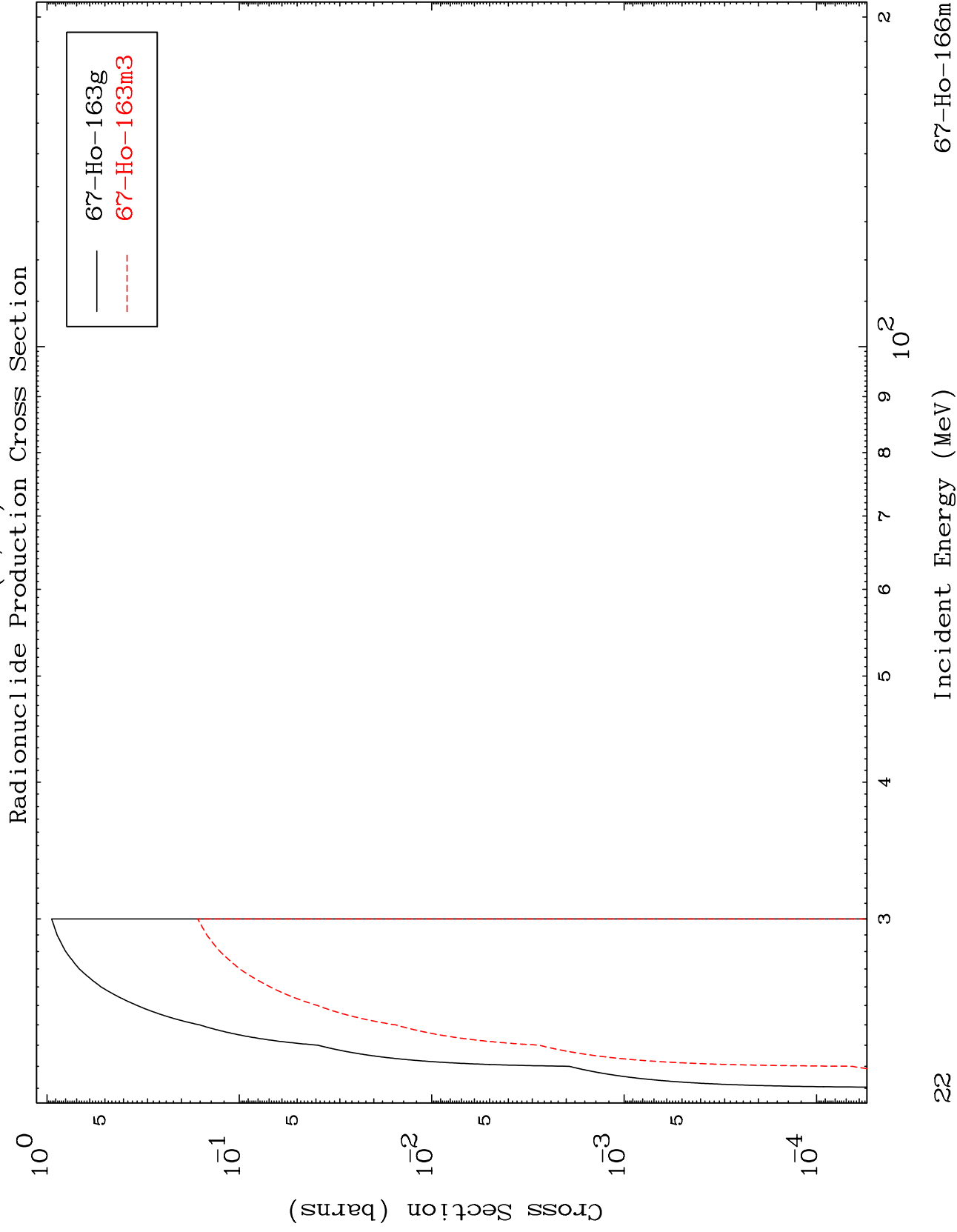
Incident Energy (MeV)

67-Ho-166m

MAT 6729

(n,4n)

67-Ho-166m



22

