

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

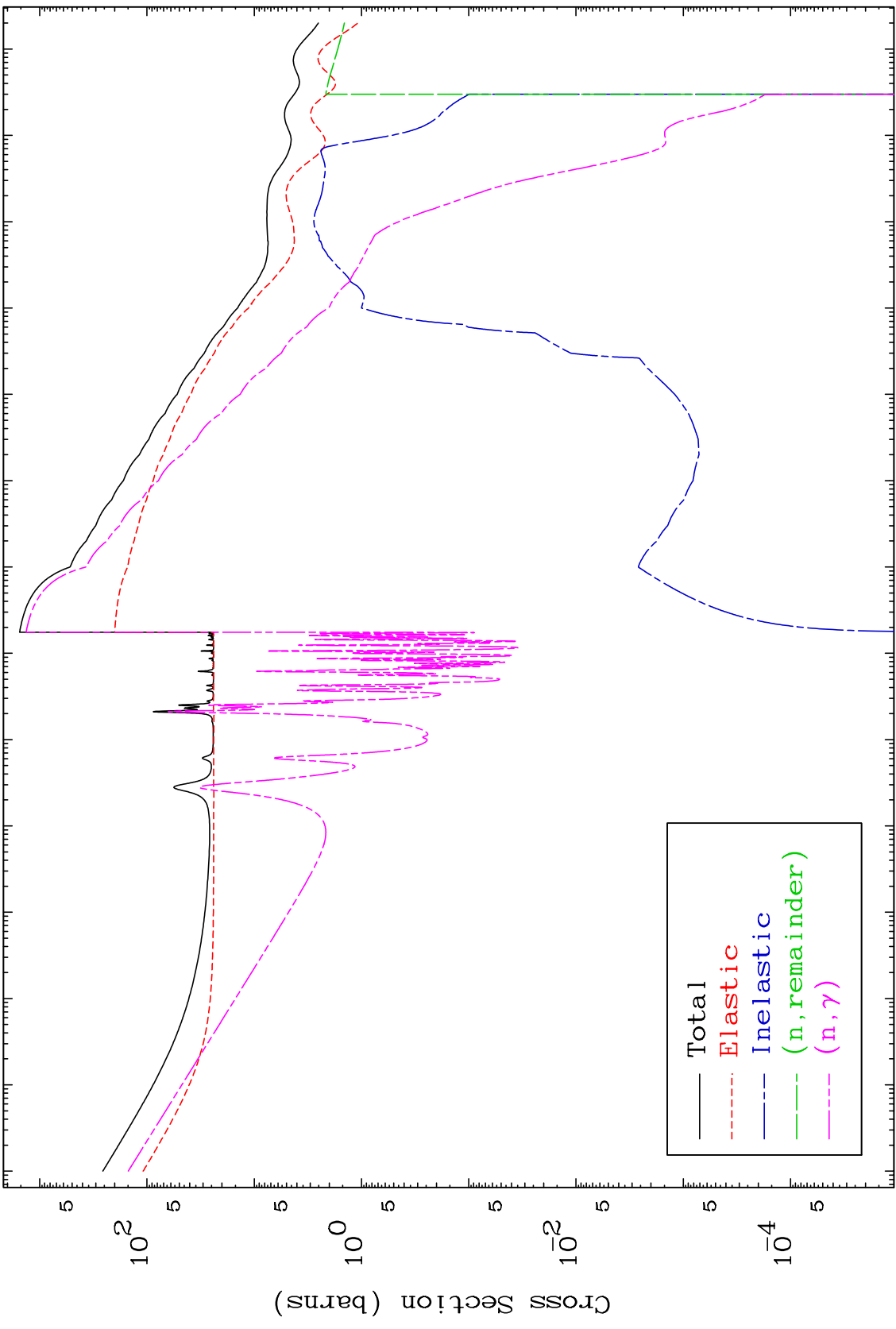
Press Mouse Button to Start

MAT 6723

Major

67-Ho-164

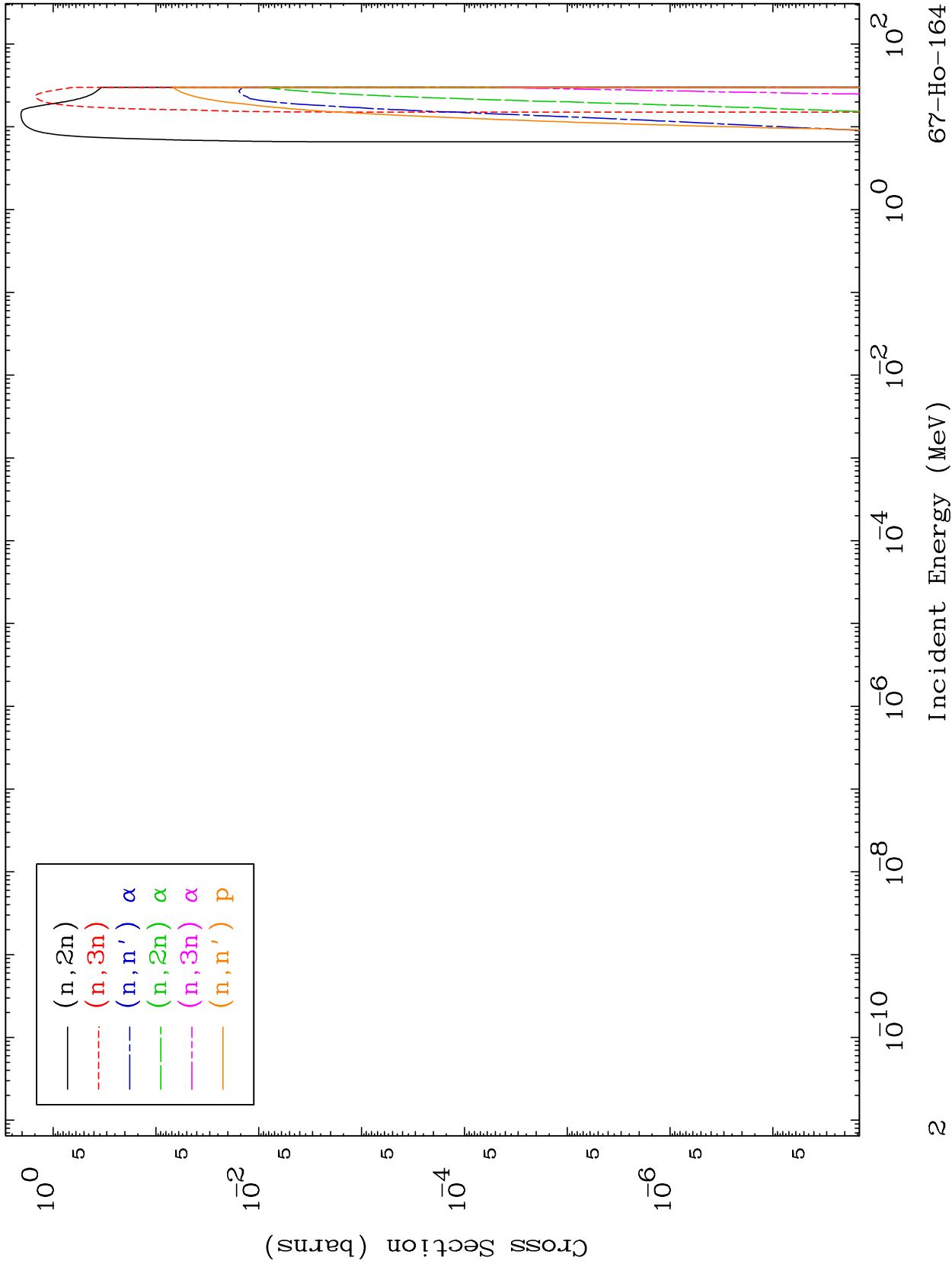
293 Kelvin Cross Sections



MAT 6723

Neutron Production
293 Kelvin Cross Sections

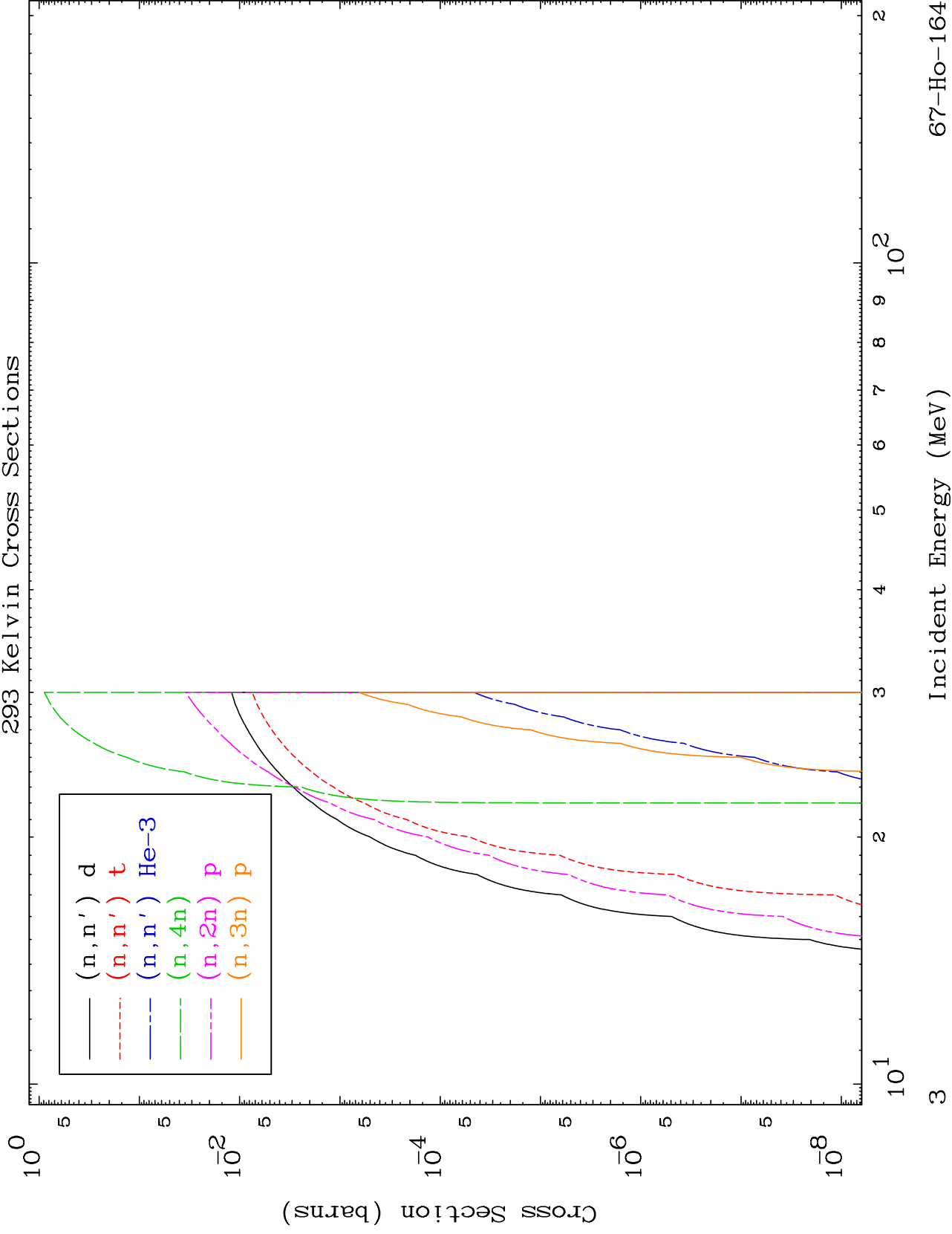
67-Ho-164



MAT 6723

Neutron Production
293 Kelvin Cross Sections

67-Ho-164



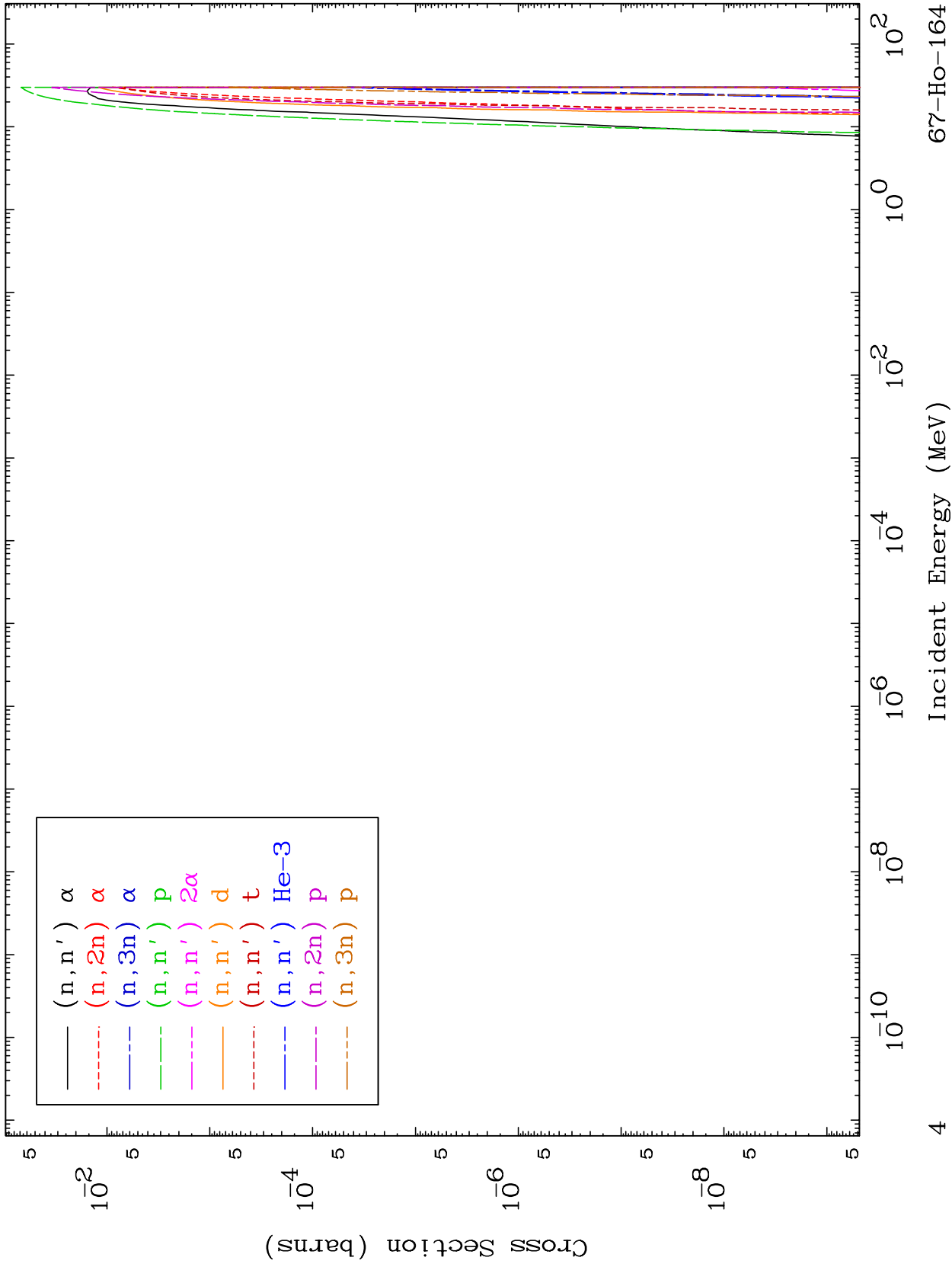
67-Ho-164

Incident Energy (MeV)

MAT 6723

Charged Particle
293 Kelvin Cross Sections

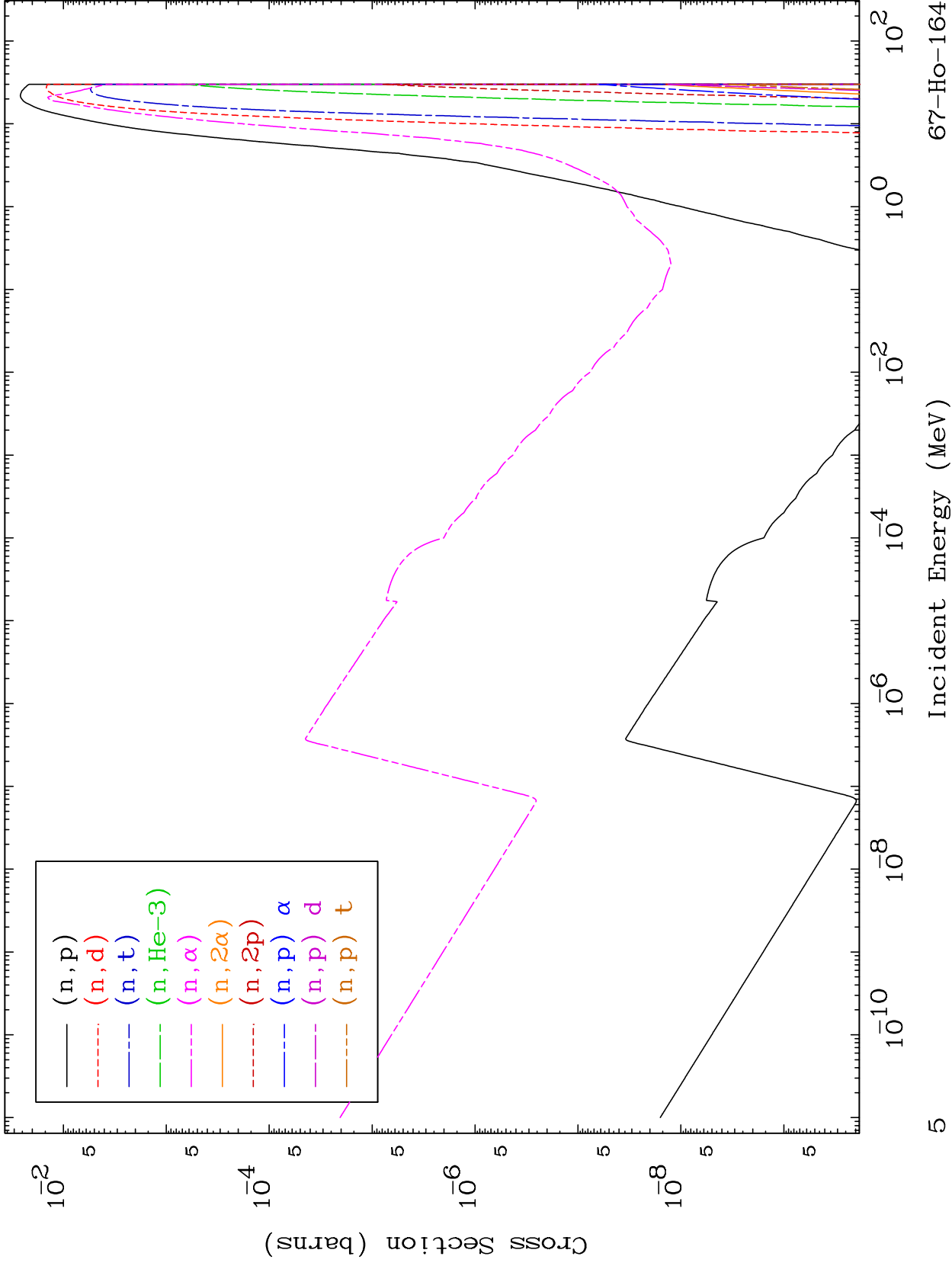
67-Ho-164



MAT 6723

Charged Particle
293 Kelvin Cross Sections

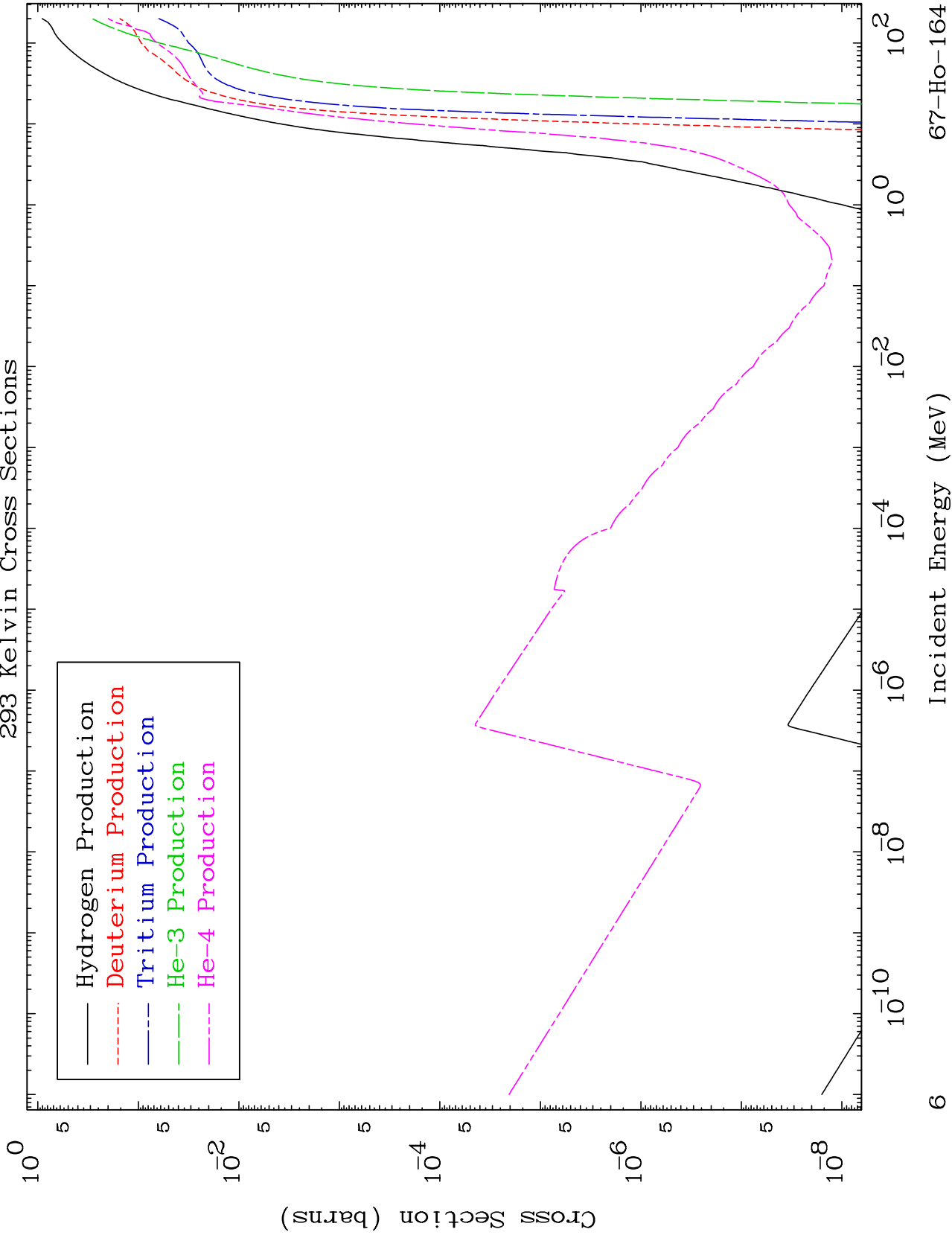
67-Ho-164



MAT 6723

Particle Production
293 Kelvin Cross Sections

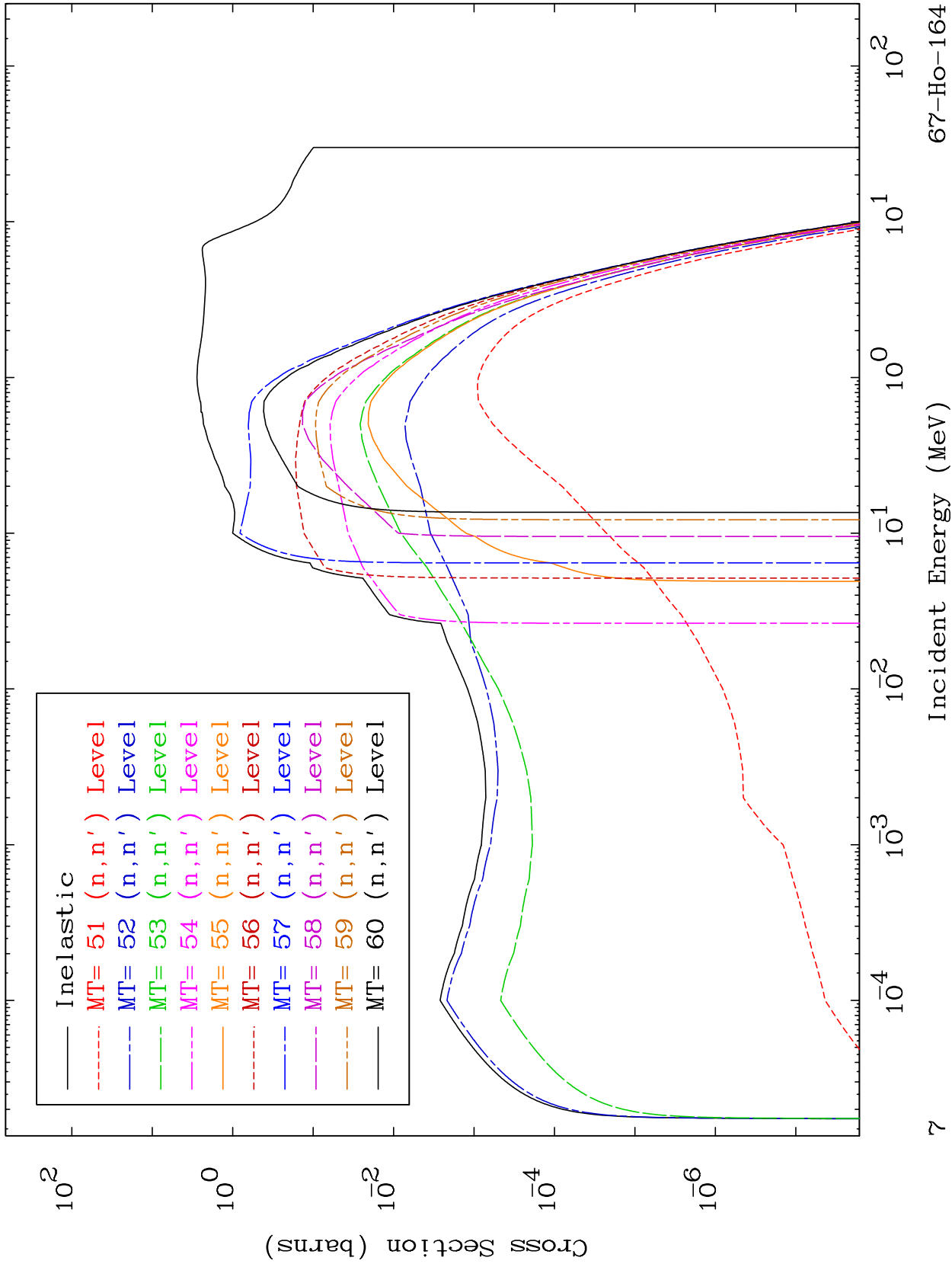
67-Ho-164



MAT 6723

(n,n') Level
293 Kelvin Cross Sections

67-Ho-164

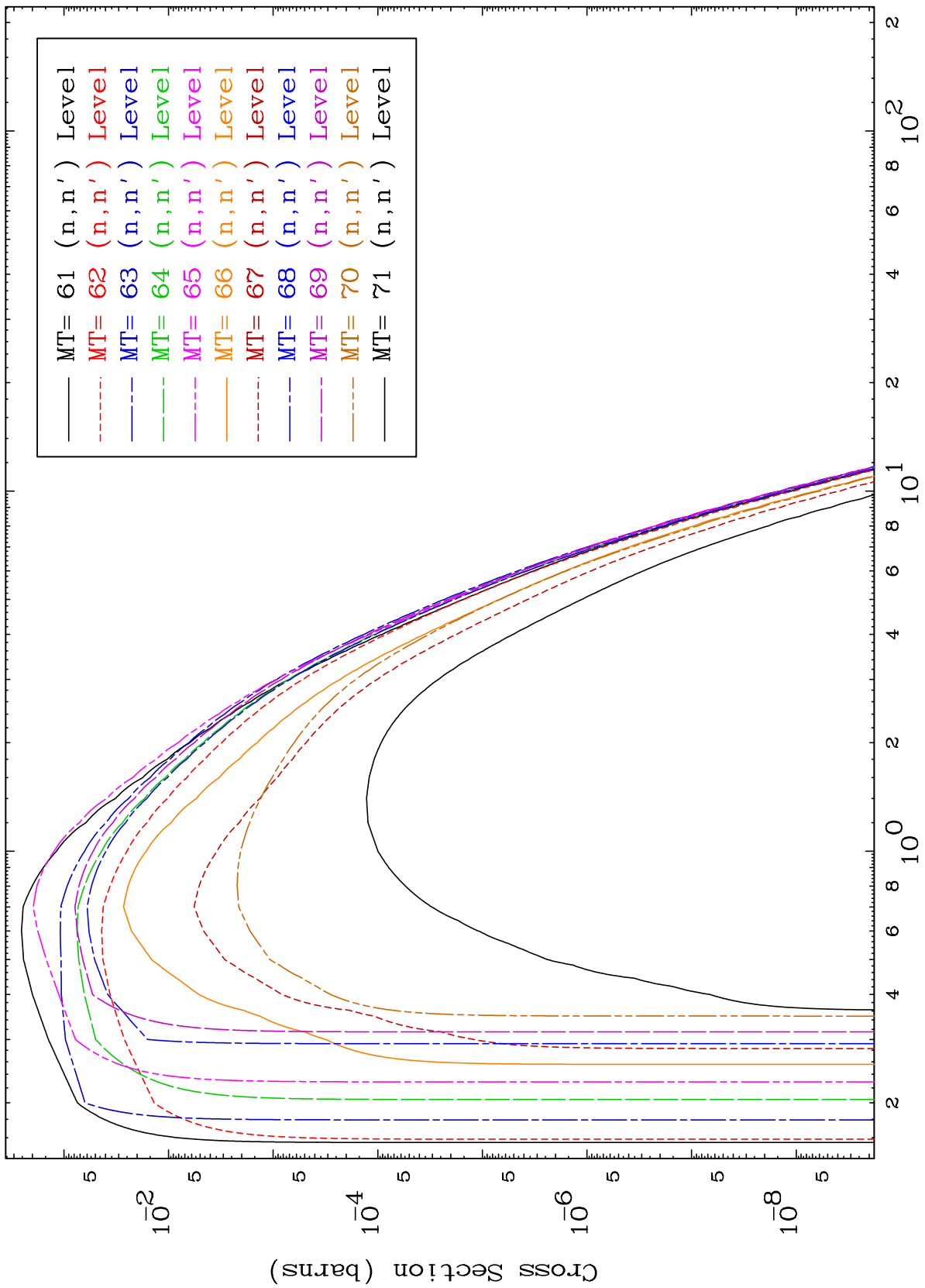


MAT 6723

(n,n') Level

67-Ho-164

293 Kelvin Cross Sections

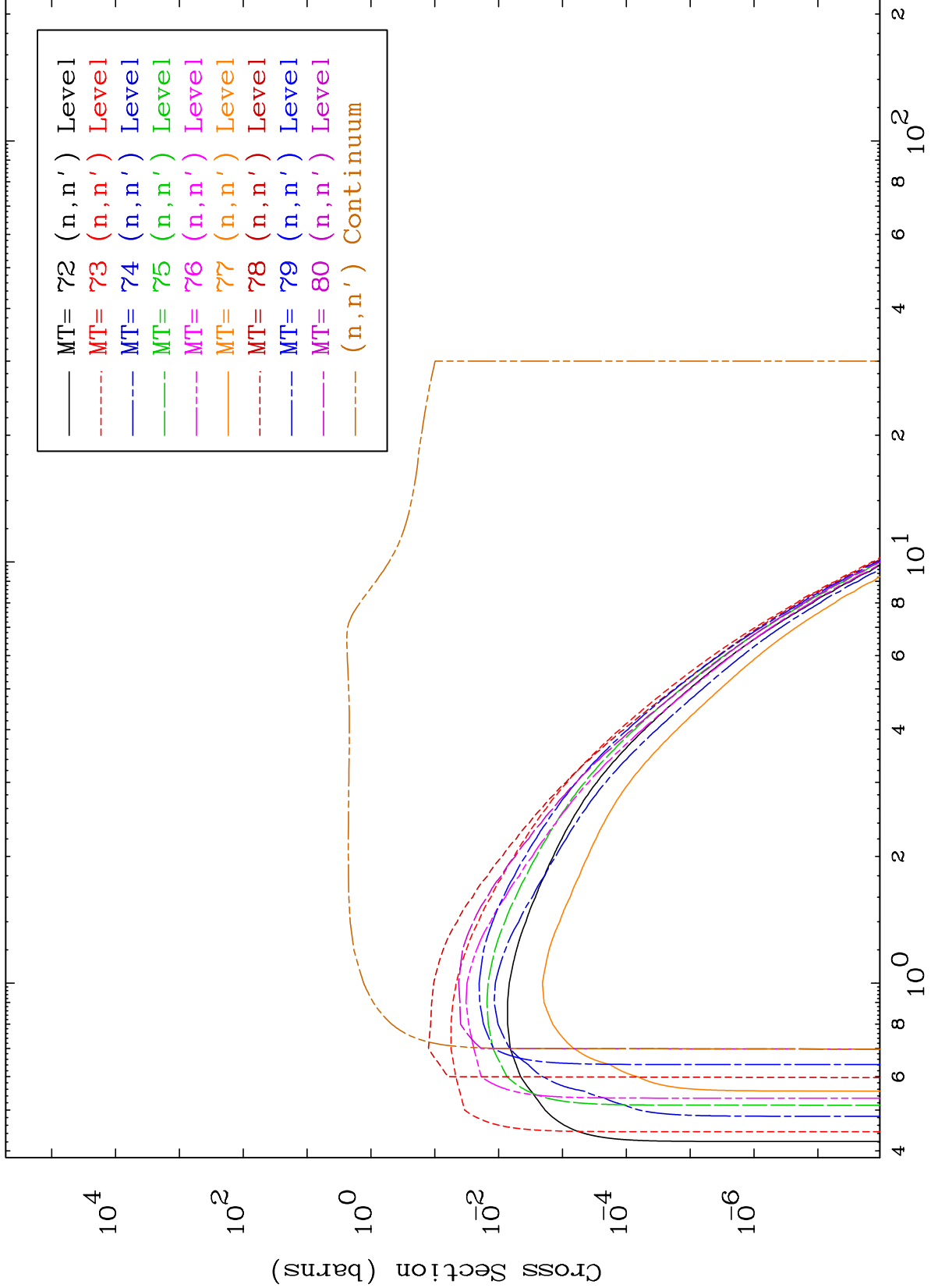


Incident Energy (MeV)

67-Ho-164

8

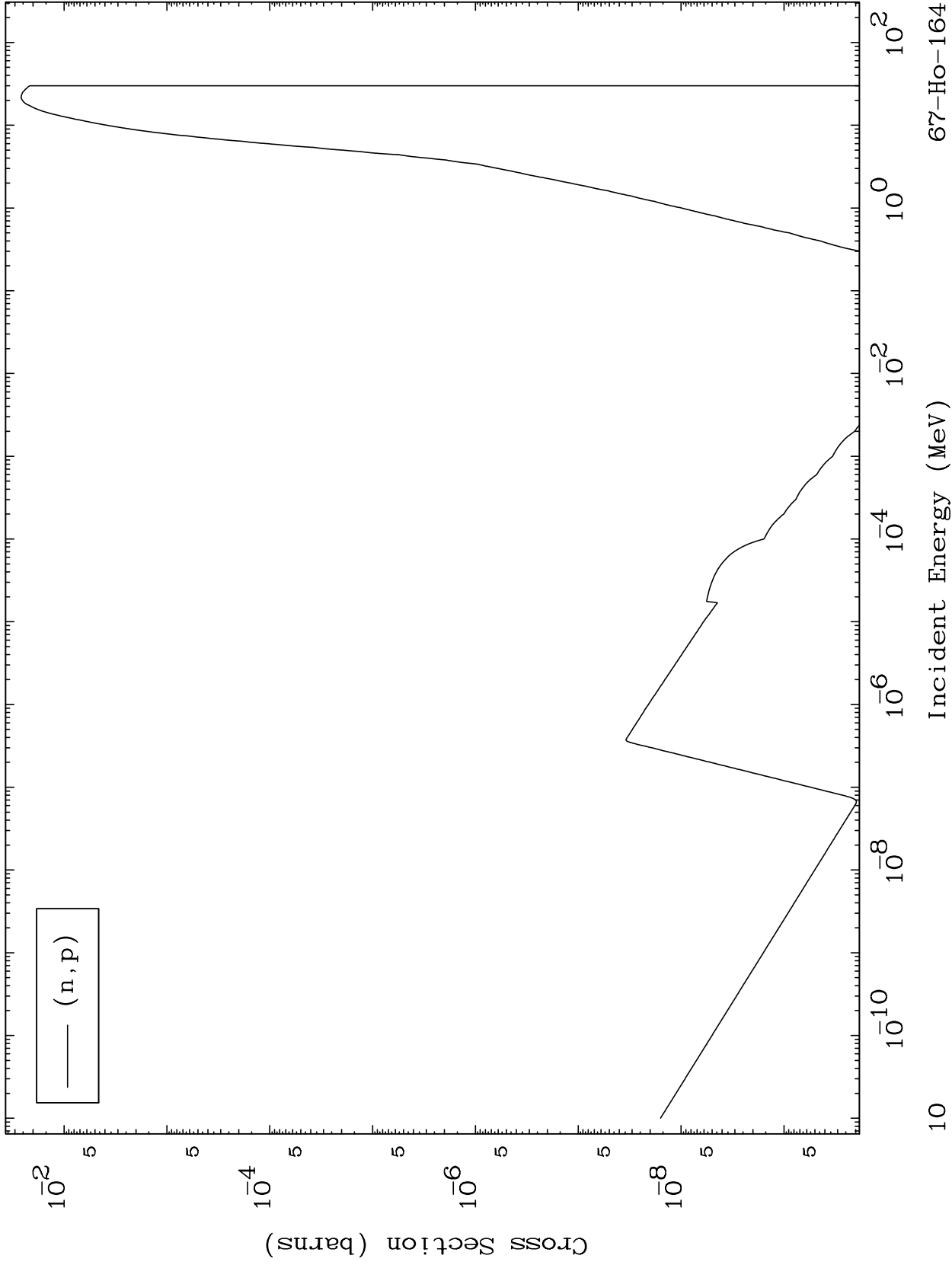
293 Kelvin Cross Sections



MAT 6723

(n,p) Levels
293 Kelvin Cross Sections

67-Ho-164



10

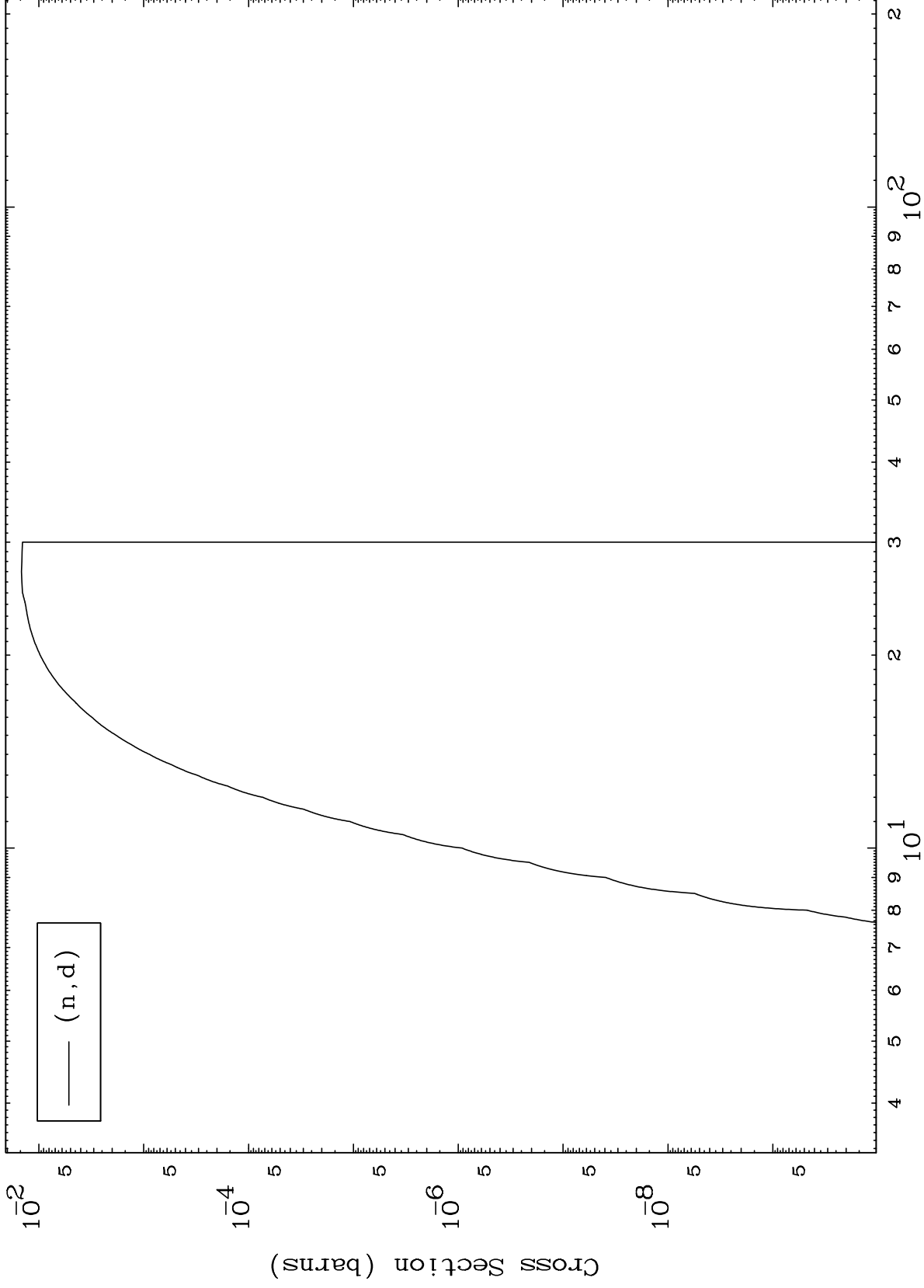
Incident Energy (MeV)

67-Ho-164

MAT 6723

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-164



11

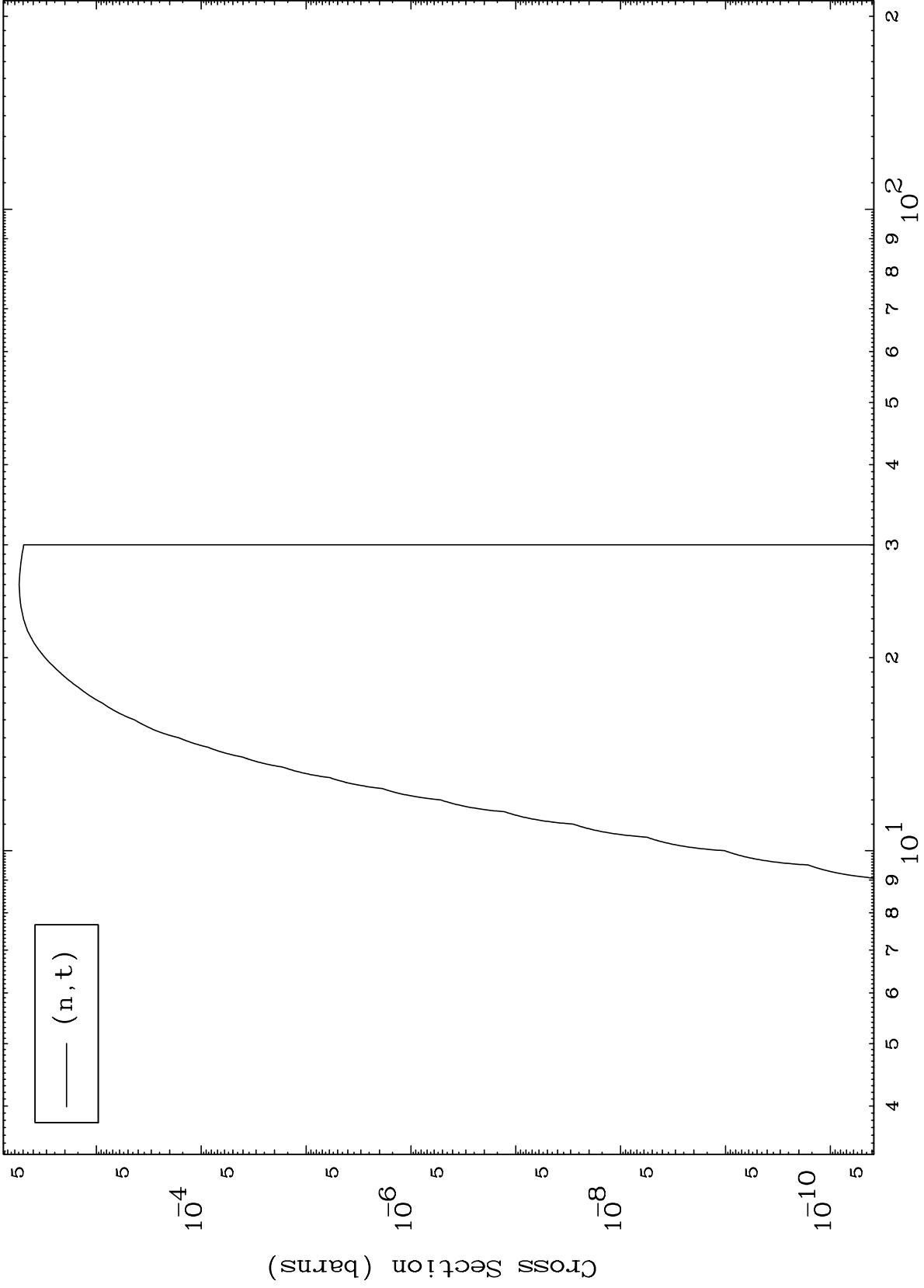
Incident Energy (MeV)

67-Ho-164

MAT 6723

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-164



12

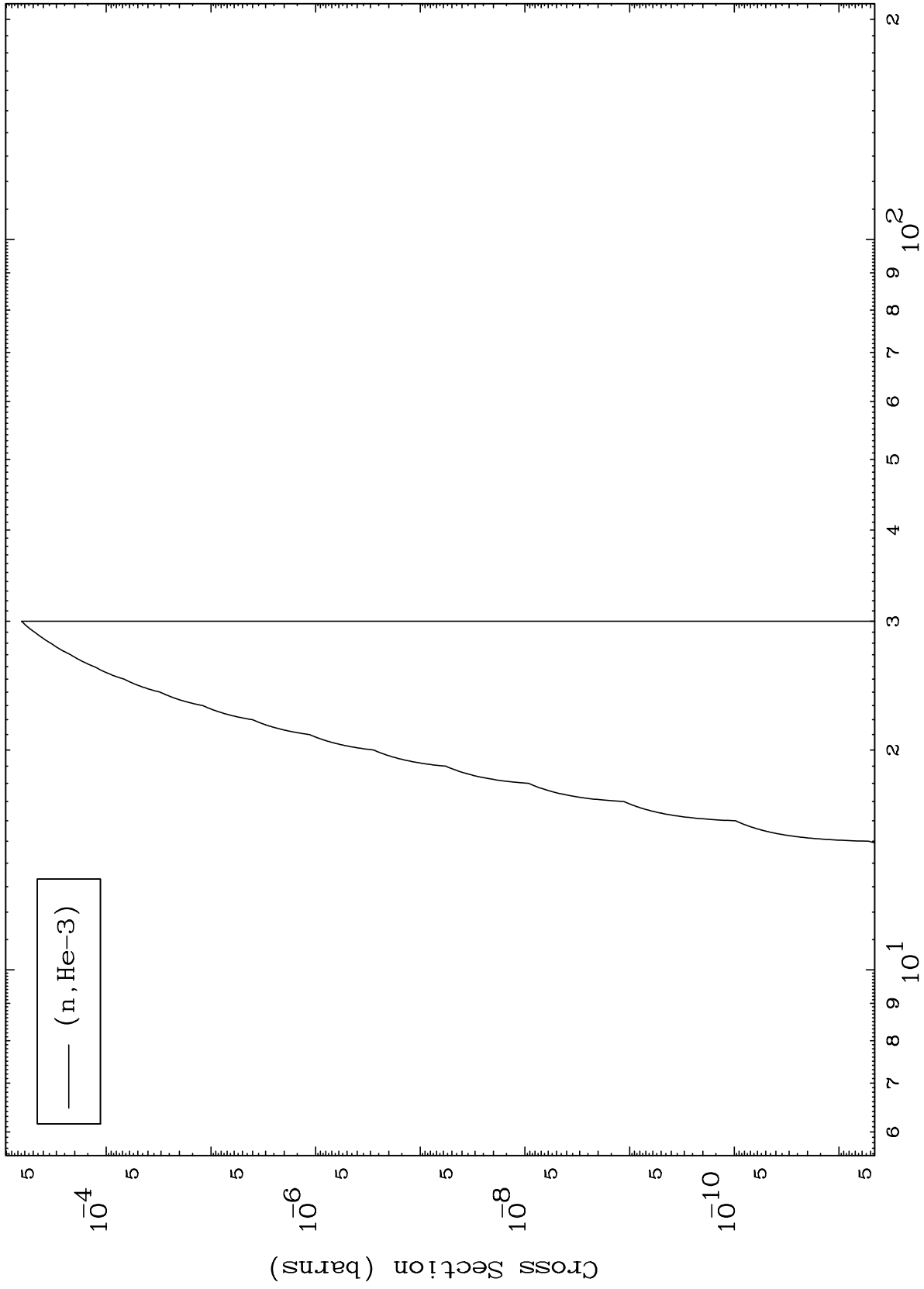
Incident Energy (MeV)

67-Ho-164

MAT 6723

(n,He3) Levels
293 Kelvin Cross Sections

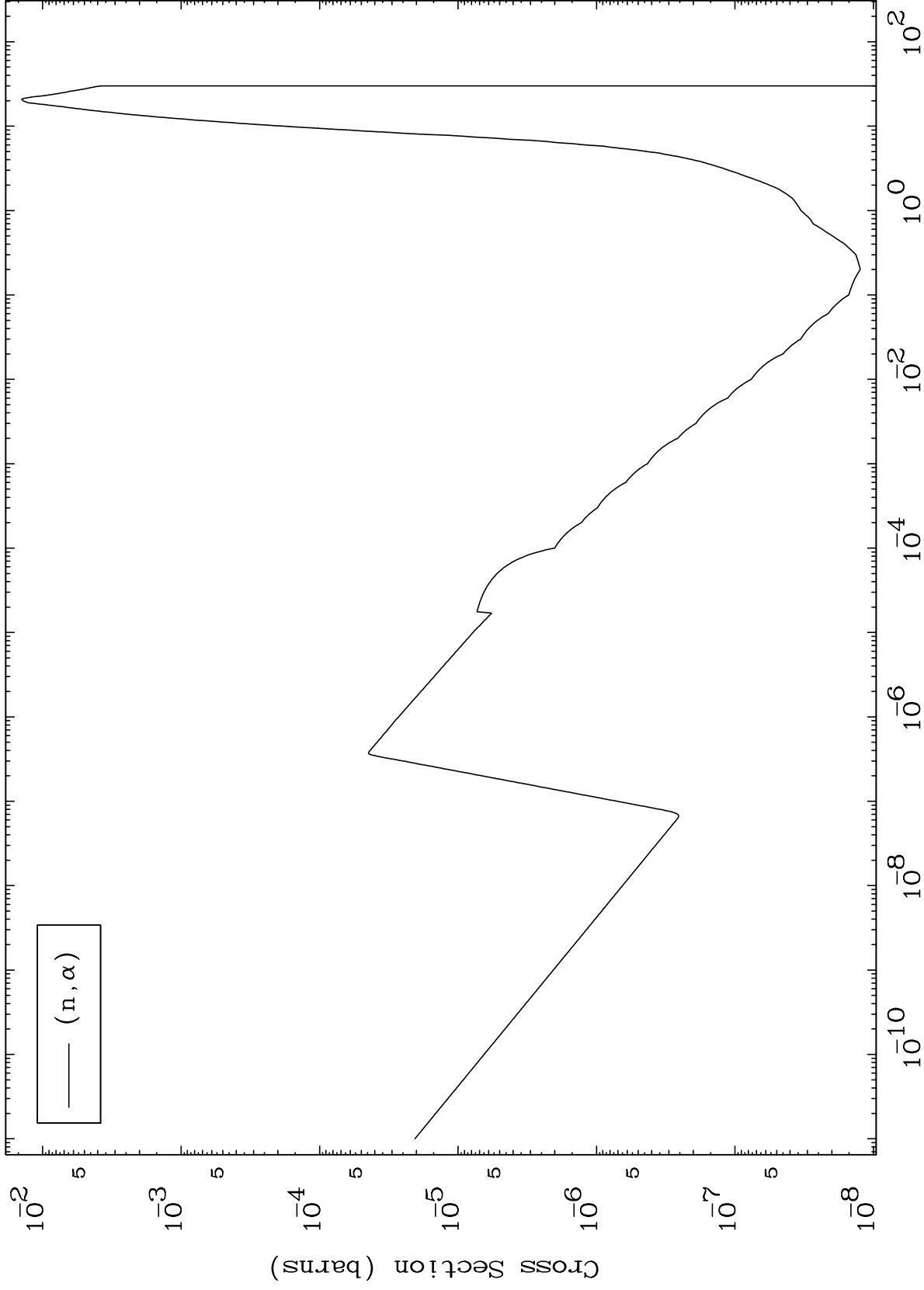
67-Ho-164



MAT 6723

(n, α) Levels
293 Kelvin Cross Sections

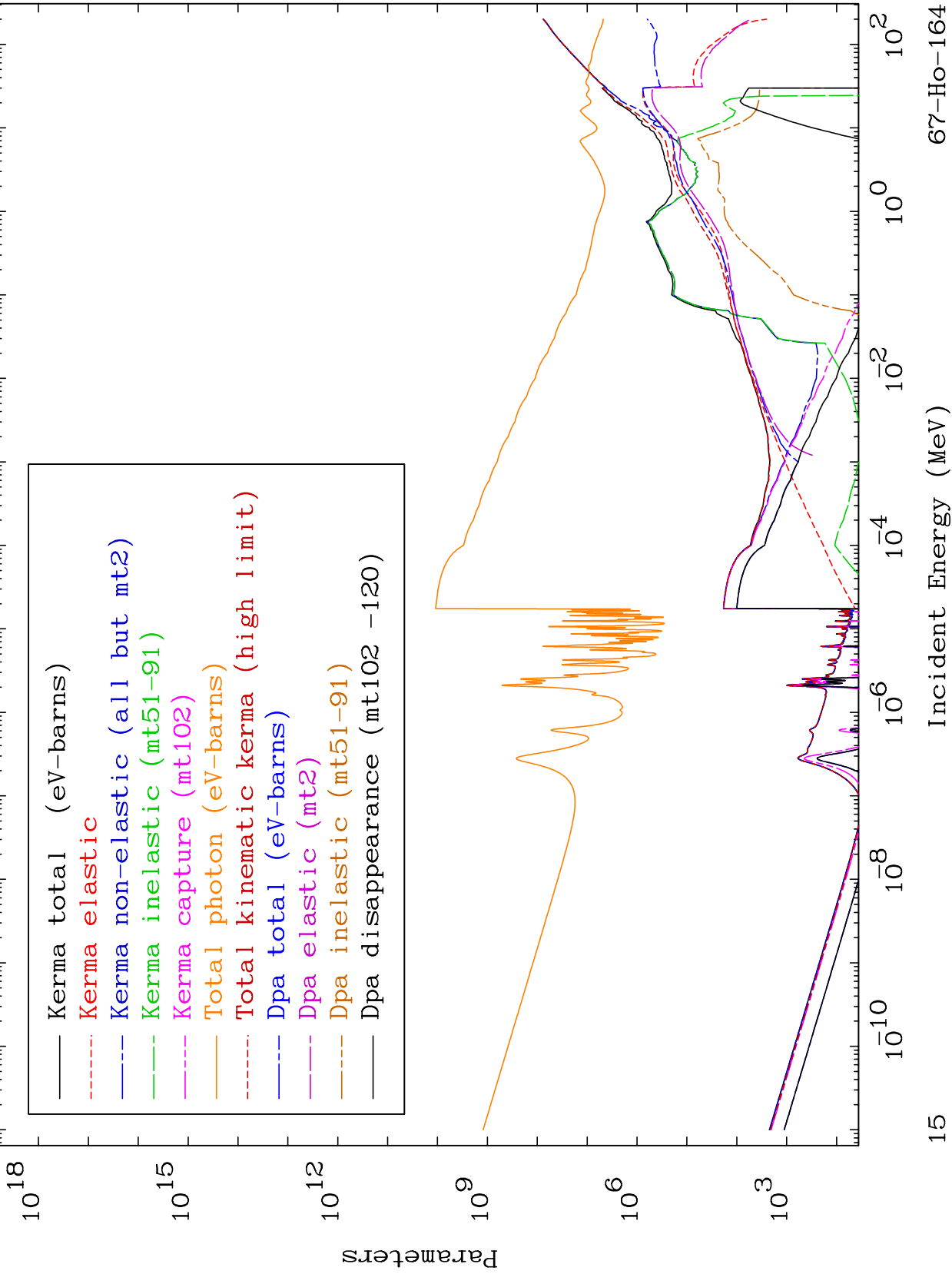
67-Ho-164

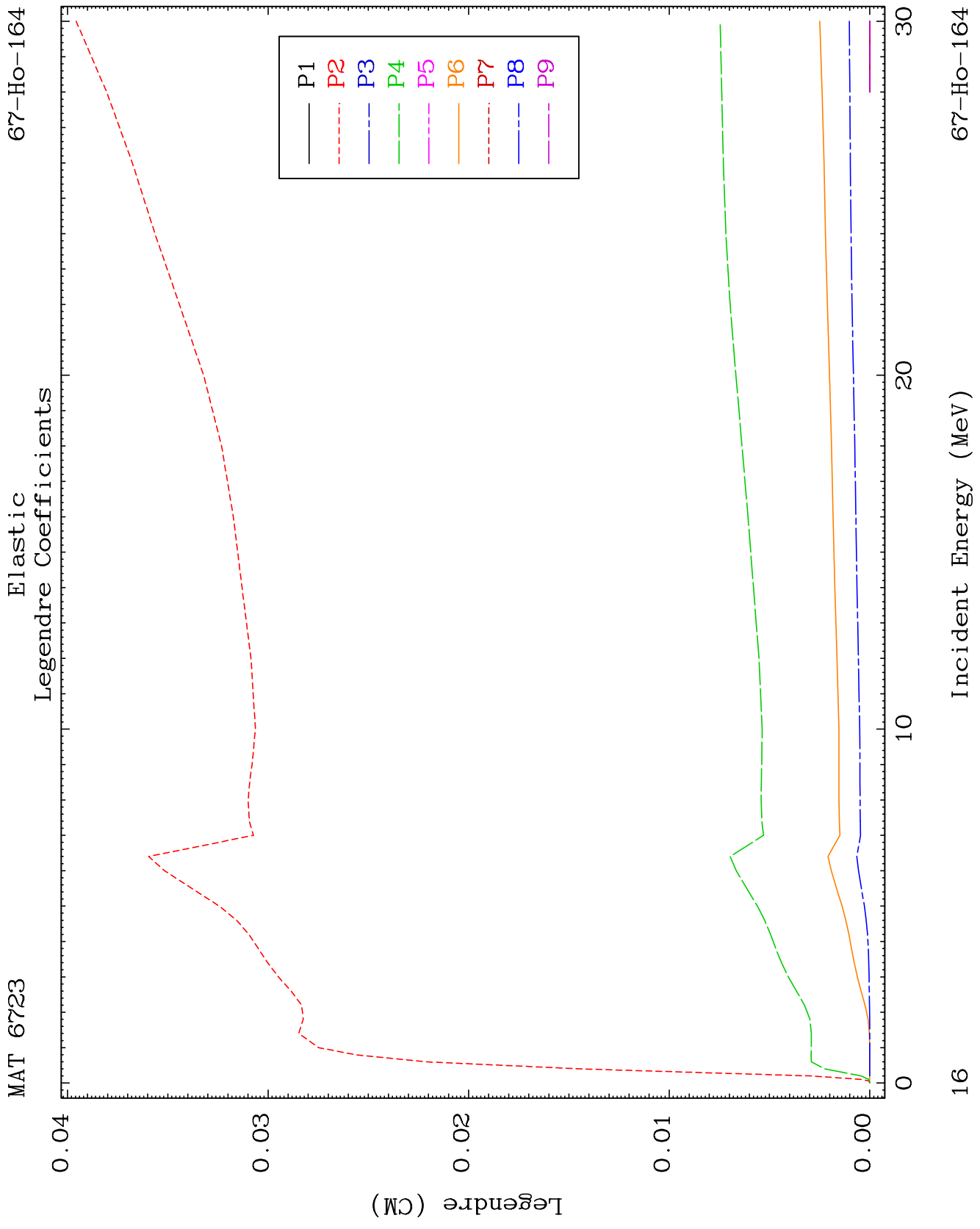


14

Incident Energy (MeV)

67-Ho-164

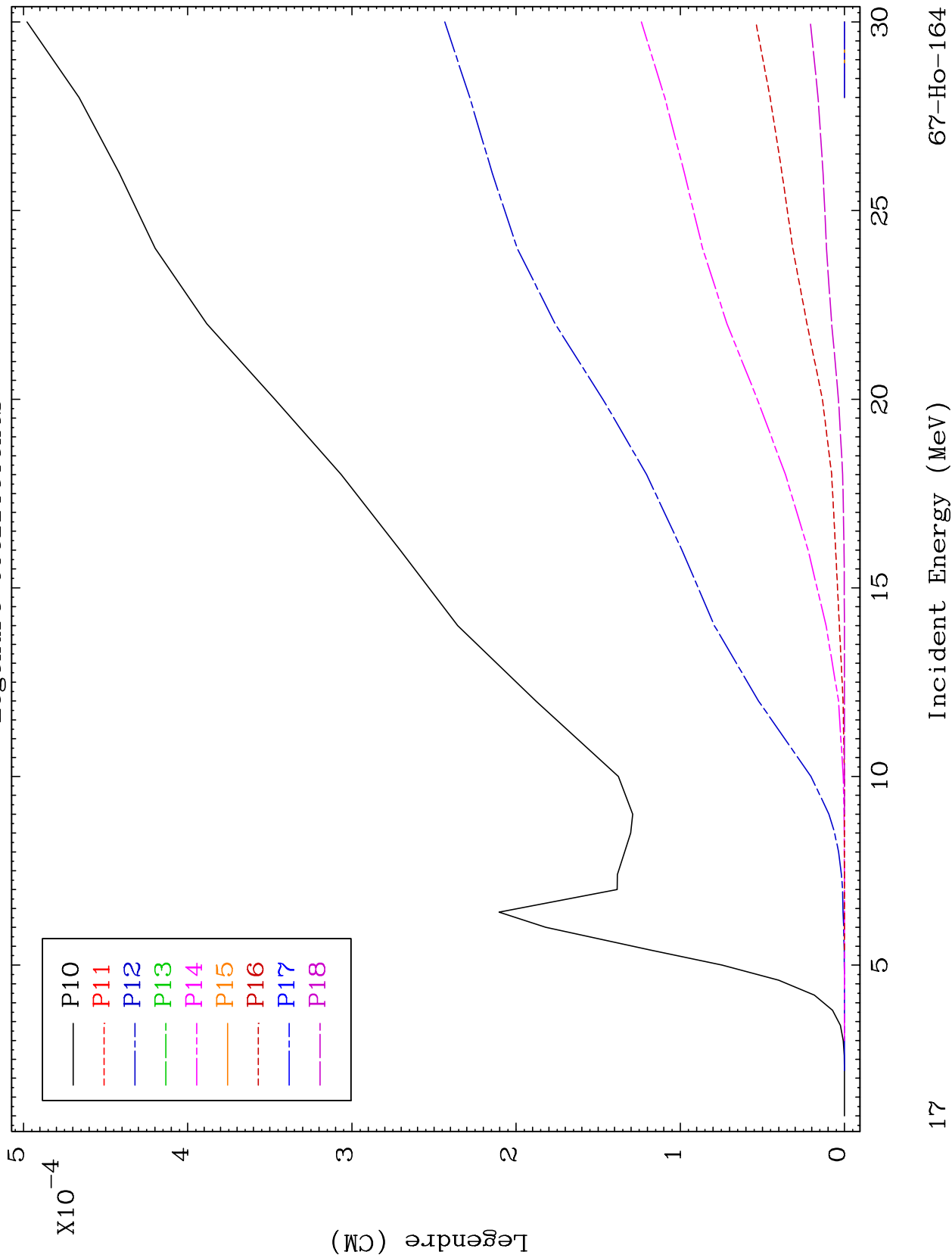




MAT 6723

Elastic Legendre Coefficients

67-Ho-164



- P10
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18

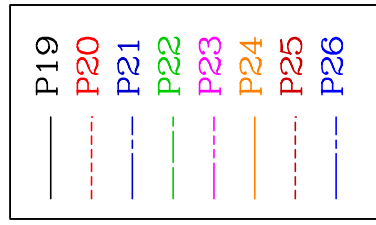
17

67-Ho-164

MAT 6723

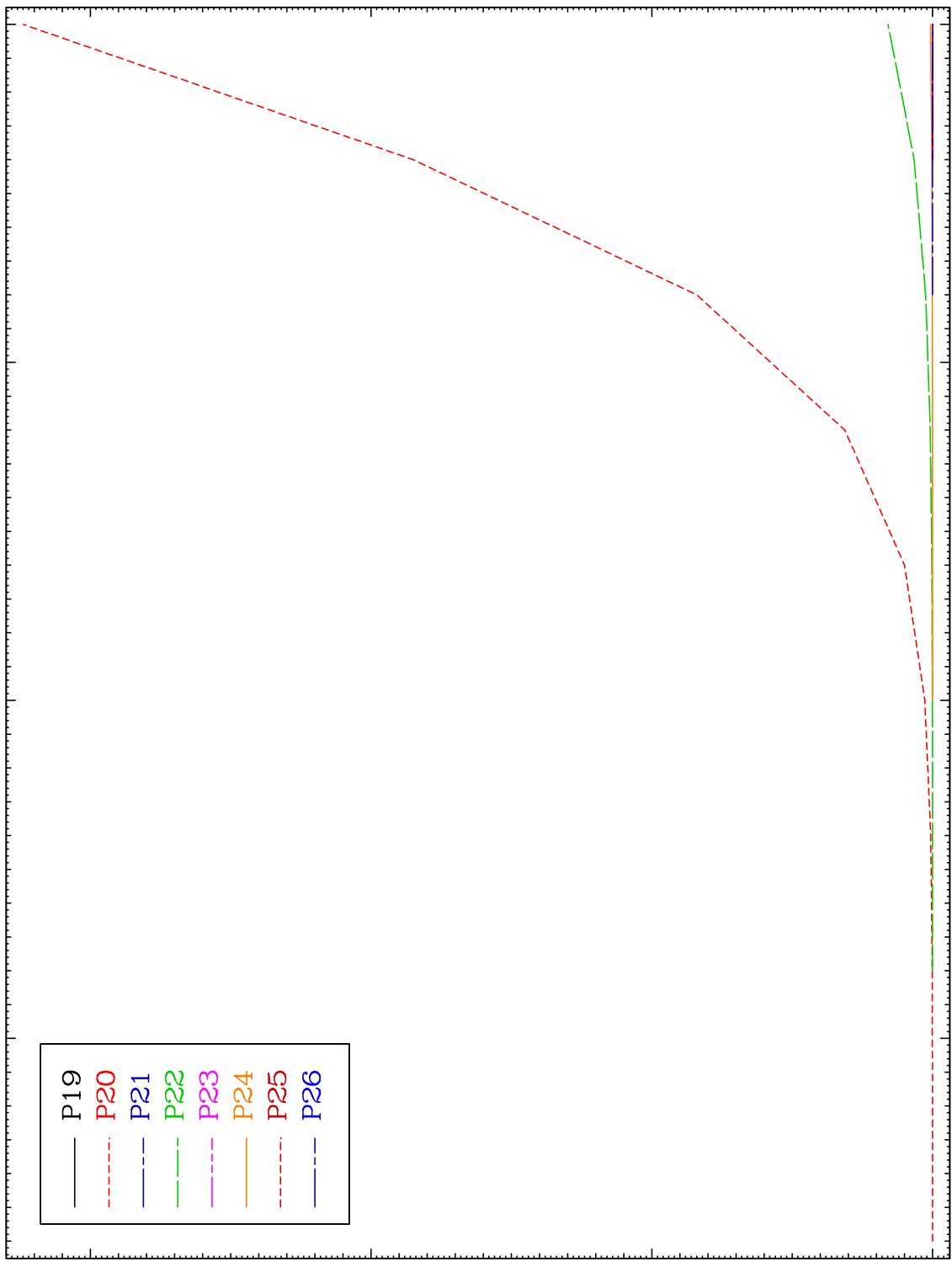
Elastic
Legendre Coefficients

67-Ho-164



$\times 10^{-6}$

Legendre (CM)



18

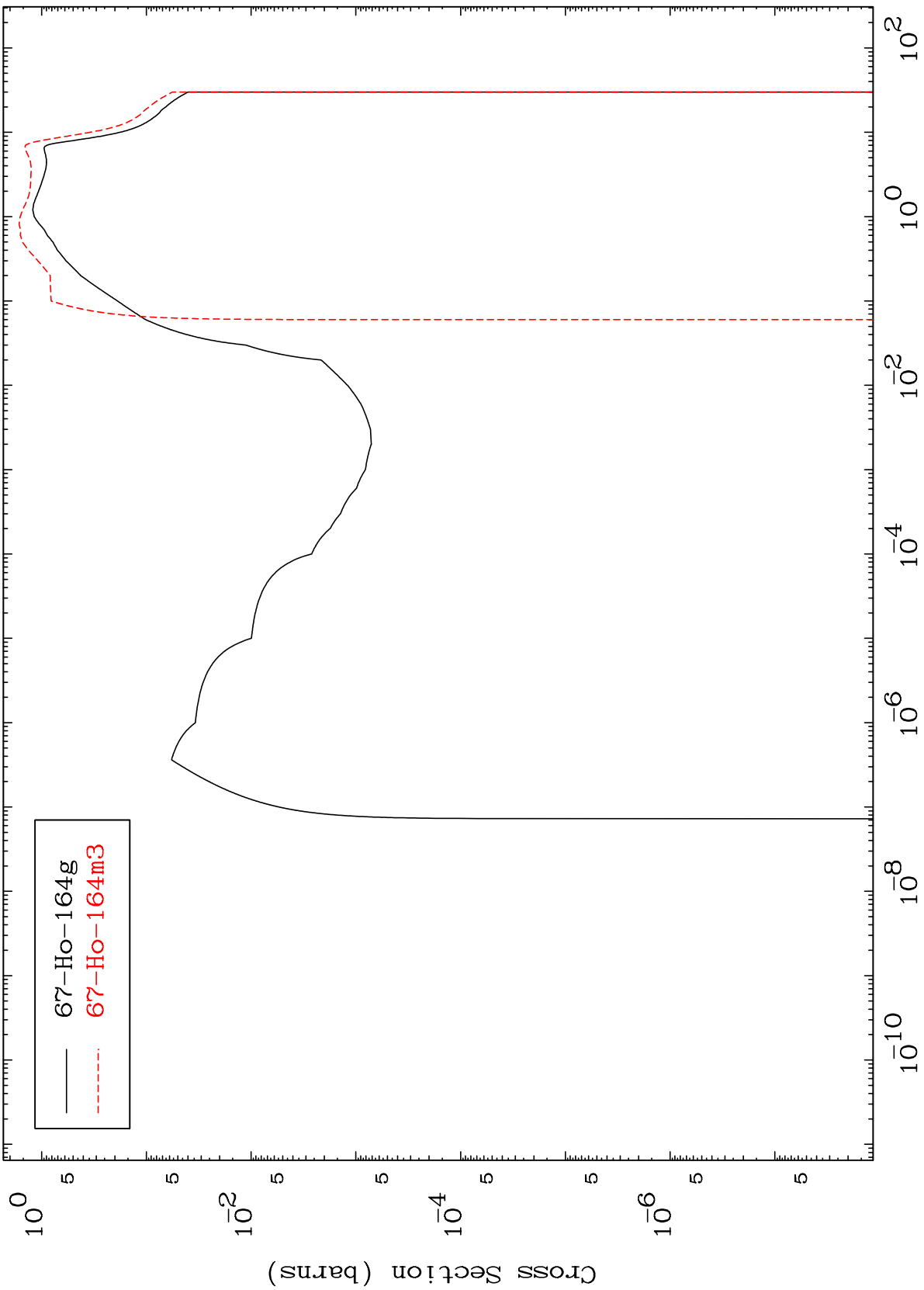
Incident Energy (MeV)

67-Ho-164

MAT 6723

67-Ho-164

Inelastic
Radionuclide Production Cross Section



67-Ho-164g
67-Ho-164m3

67-Ho-164

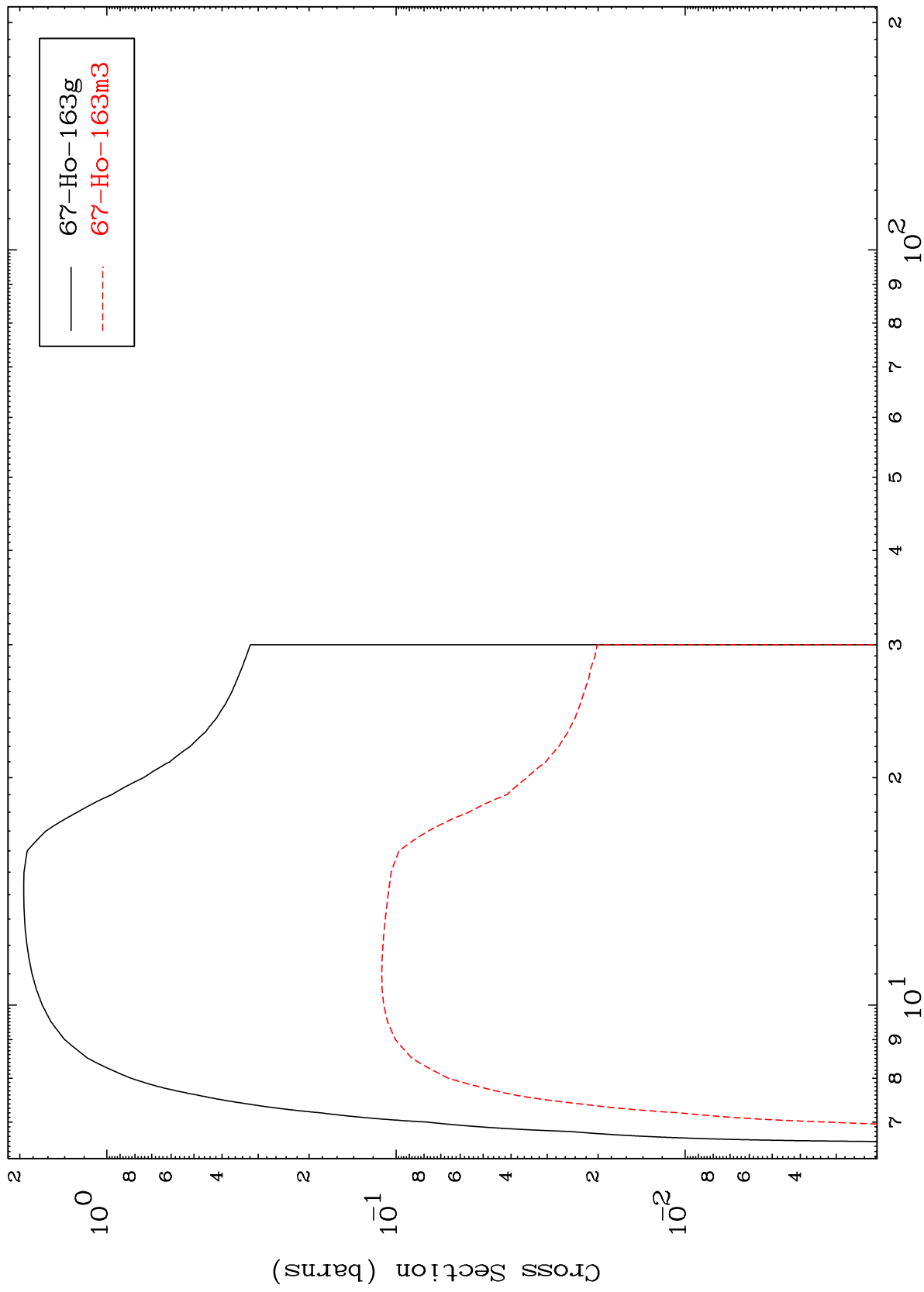
Incident Energy (MeV)

19

MAT 6723

67-Ho-164

(n,2n)
Radionuclide Production Cross Section



67-Ho-164

Incident Energy (MeV)

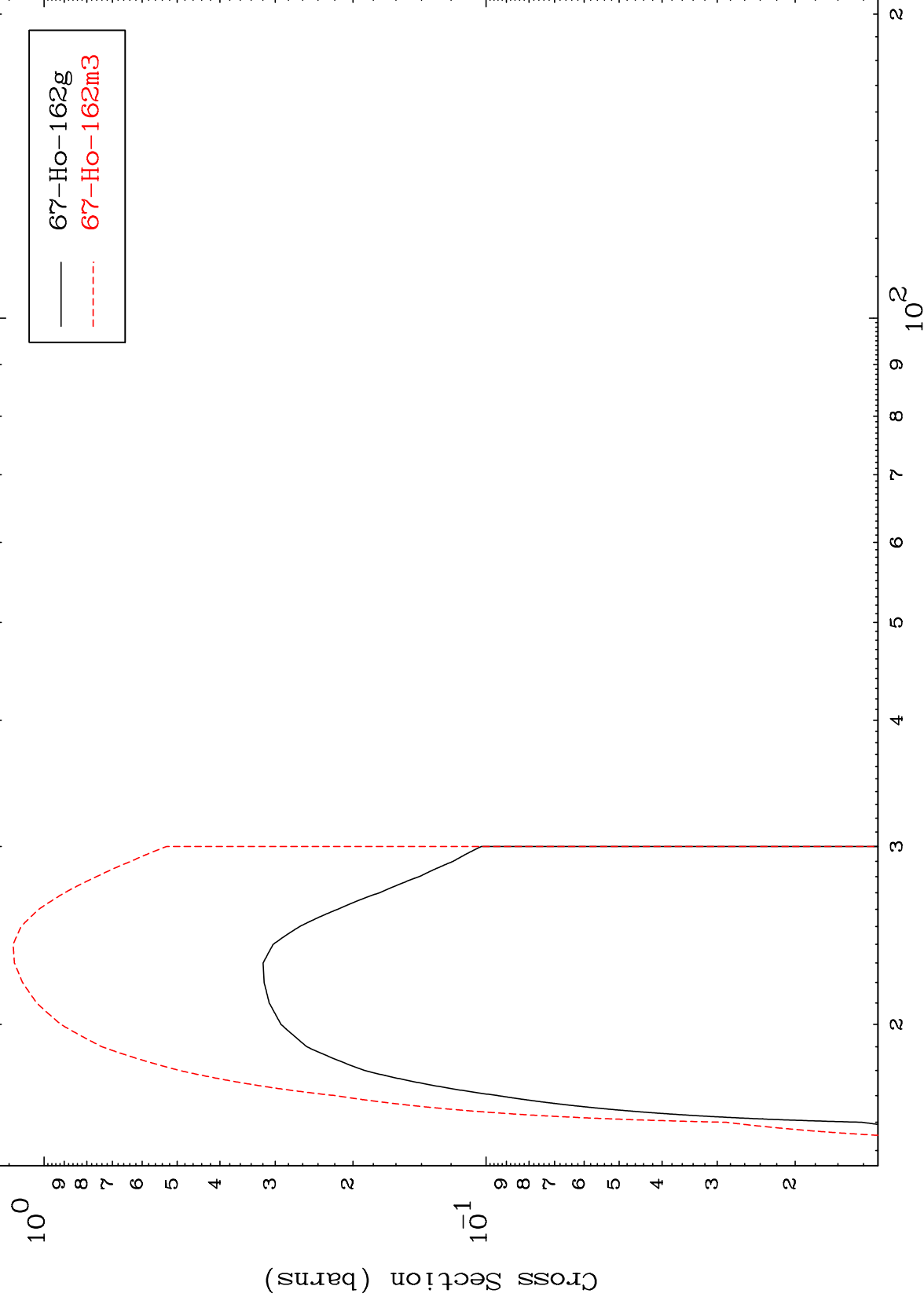
20

MAT 6723

(n,3n)

67-Ho-164

Radionuclide Production Cross Section



21

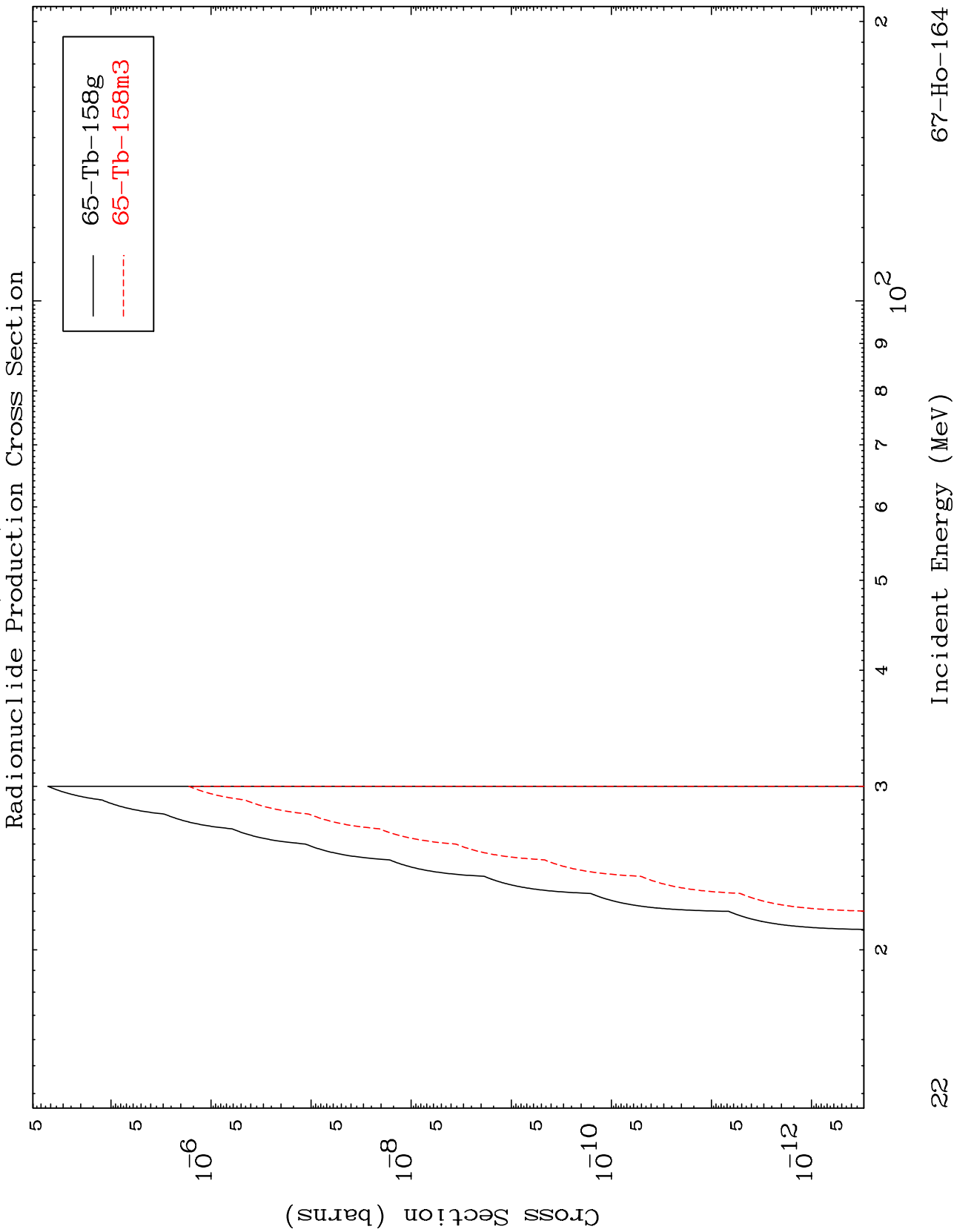
Incident Energy (MeV)

67-Ho-164

MAT 6723

(n,3n) α

67-Ho-164



22

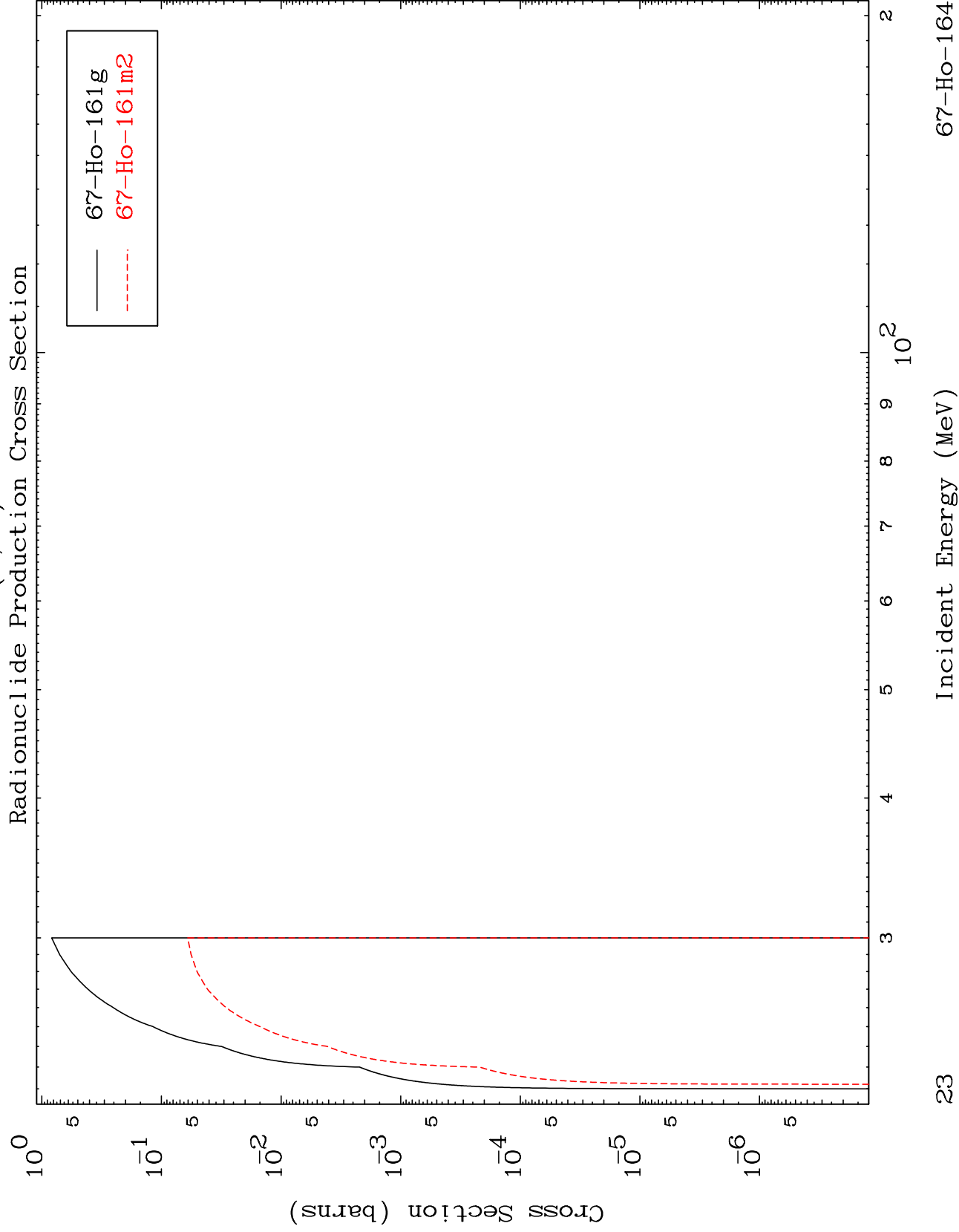
Incident Energy (MeV)

67-Ho-164

MAT 6723

(n,4n)

67-Ho-164



23