

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

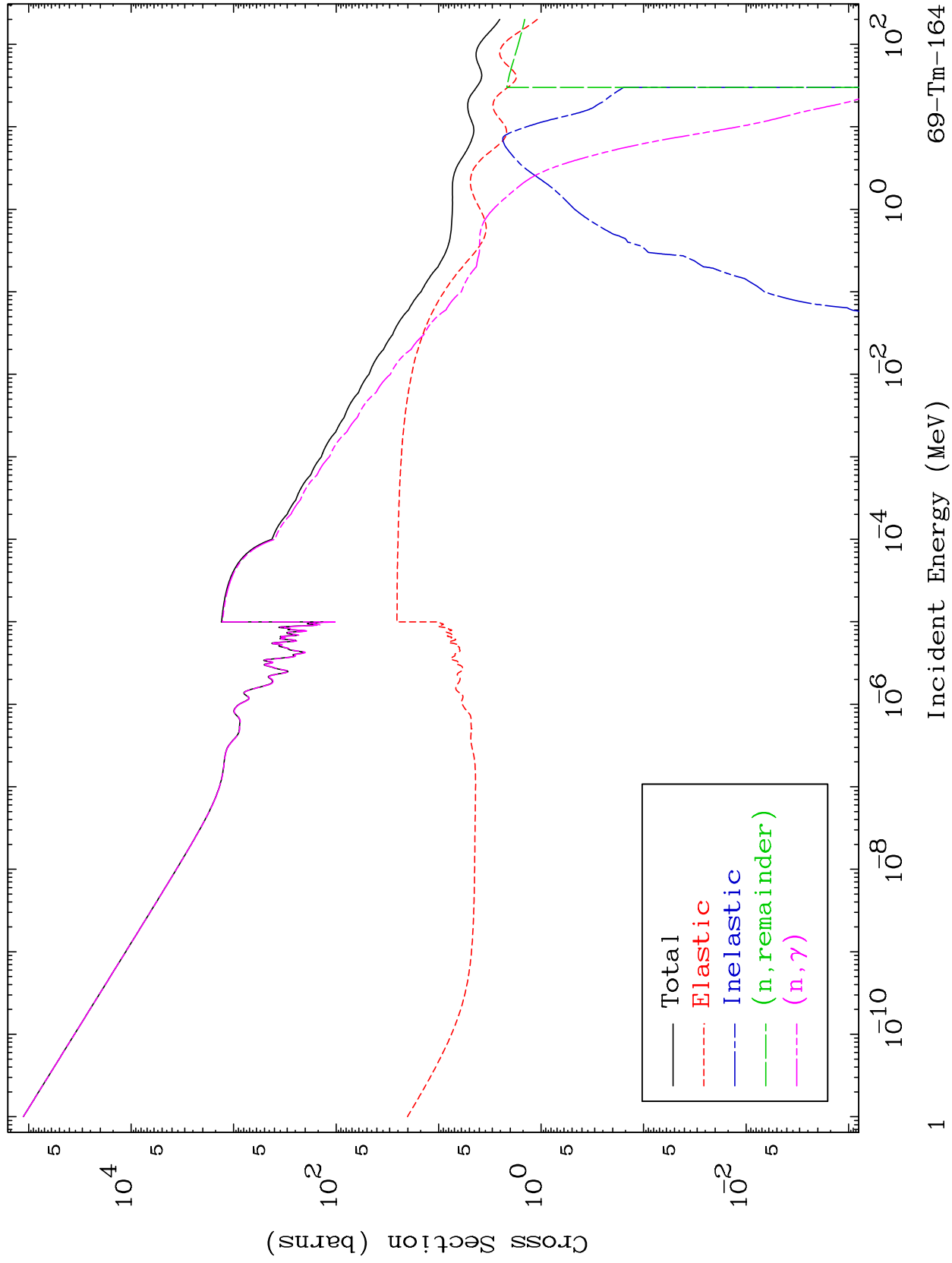
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6911

Major
293 Kelvin Cross Sections

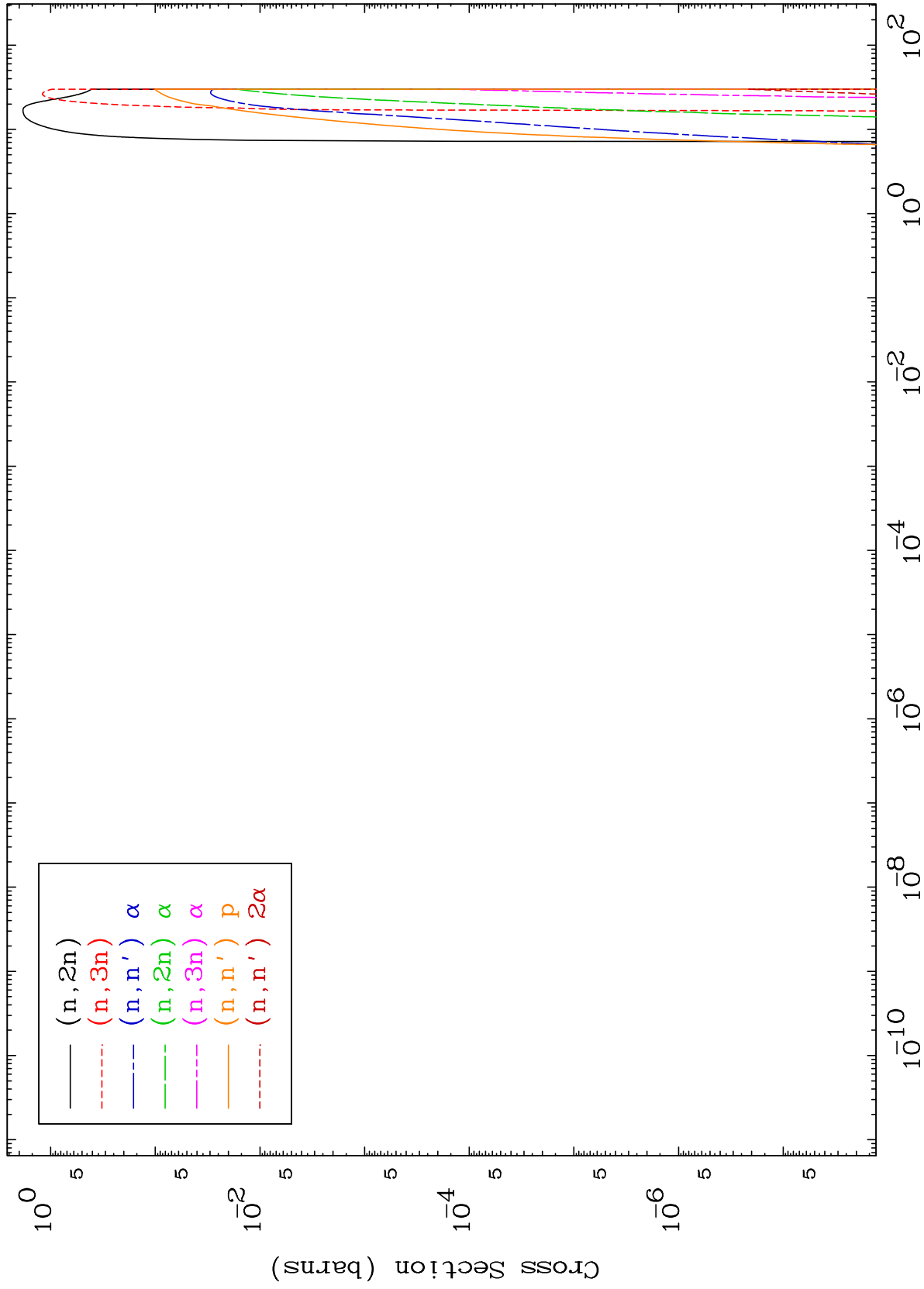
69-Tm-164



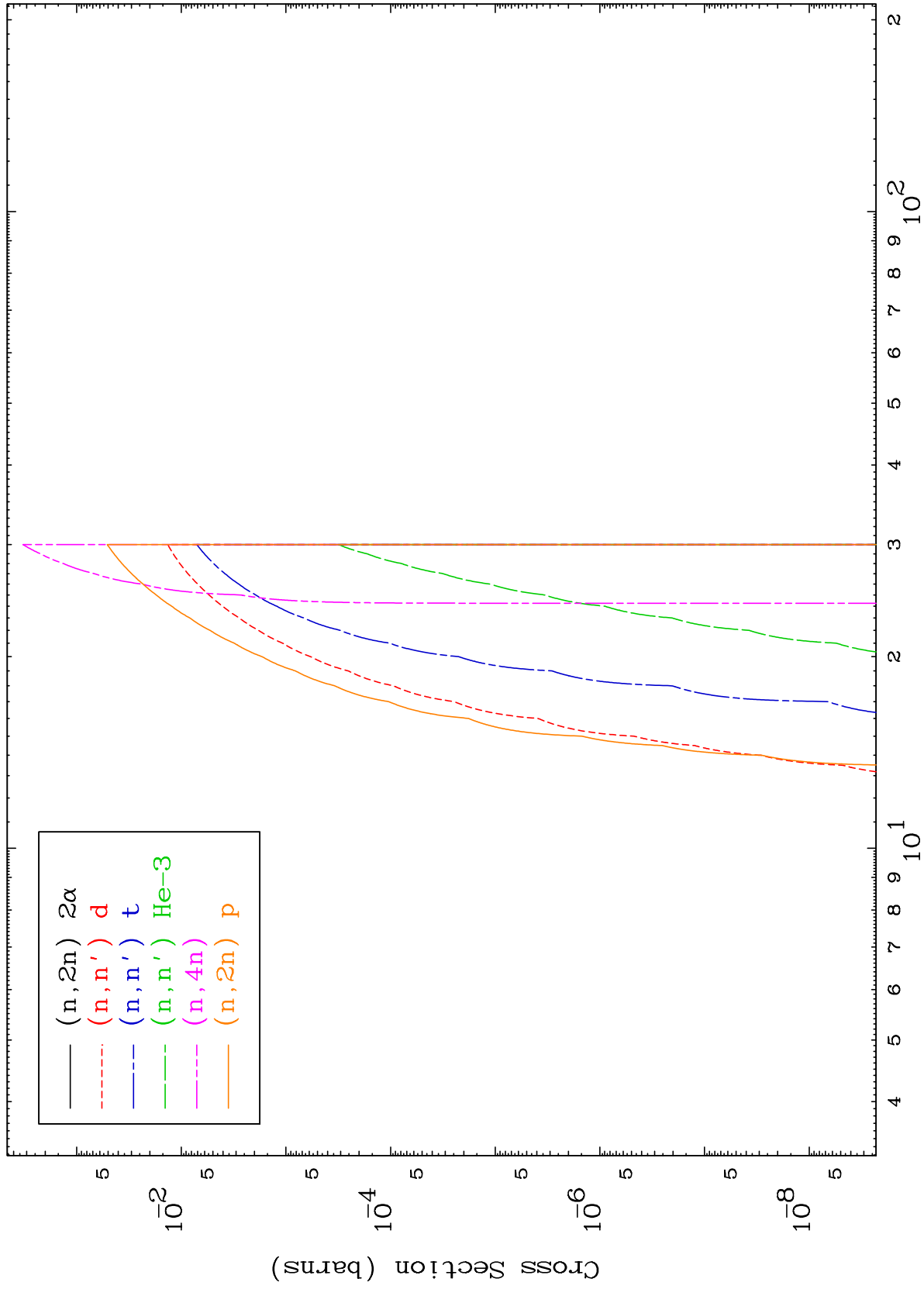
MAT 6911

Neutron Production 293 Kelvin Cross Sections

69-Tm-164



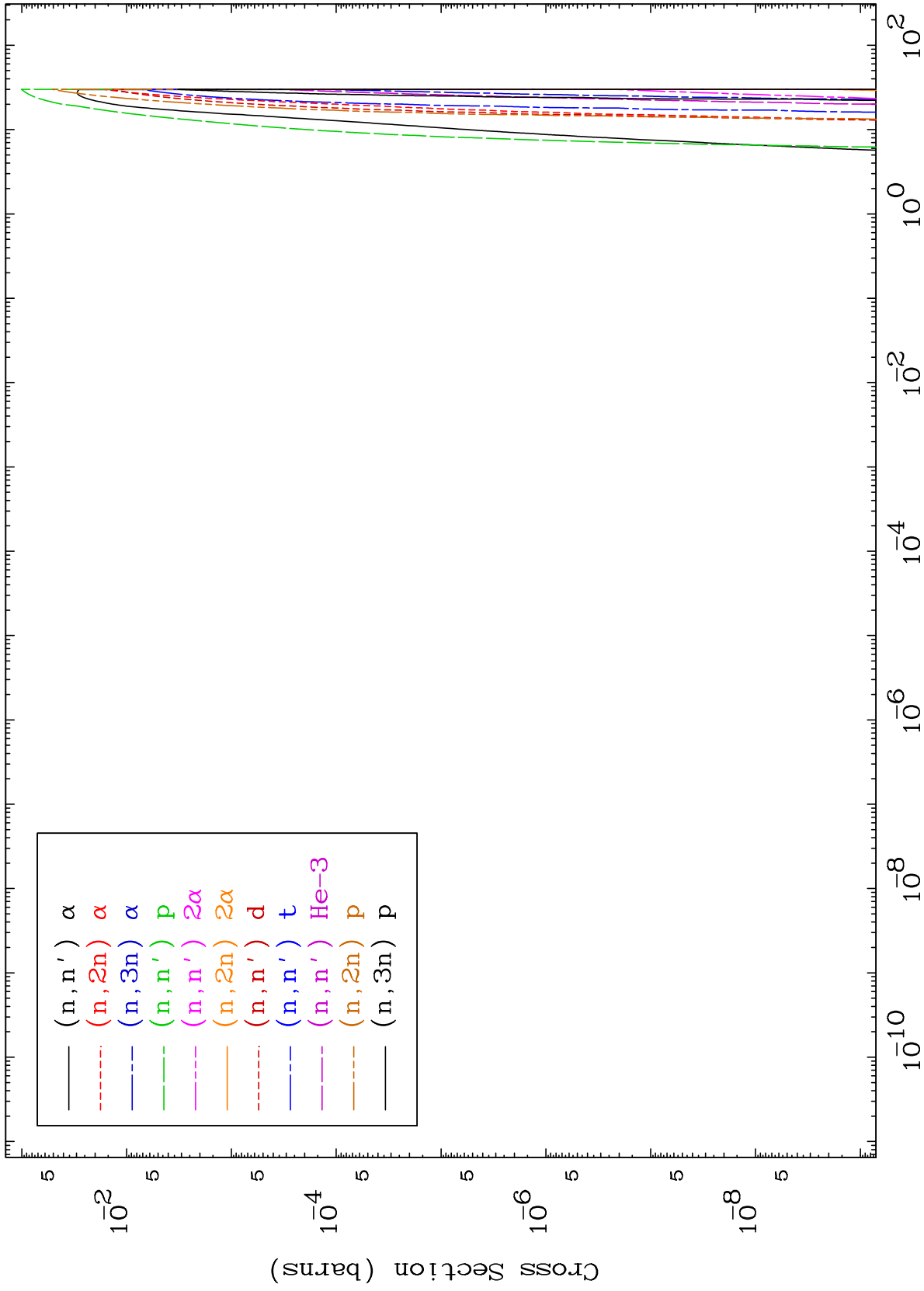
69-Tm-164



MAT 6911

293 Kelvin Cross Sections

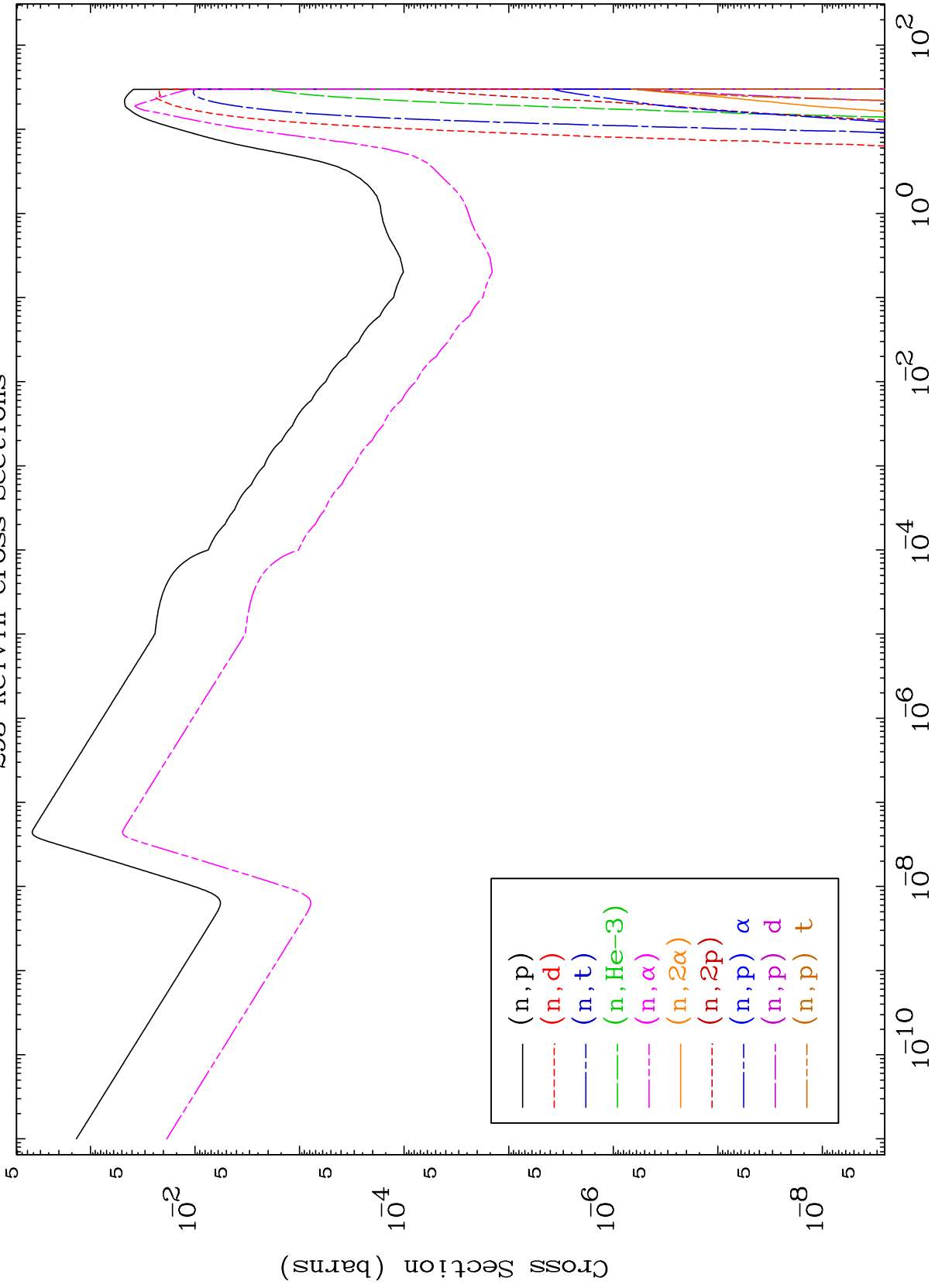
69-Tm-164



MAT 6911

293 Kelvin Cross Sections

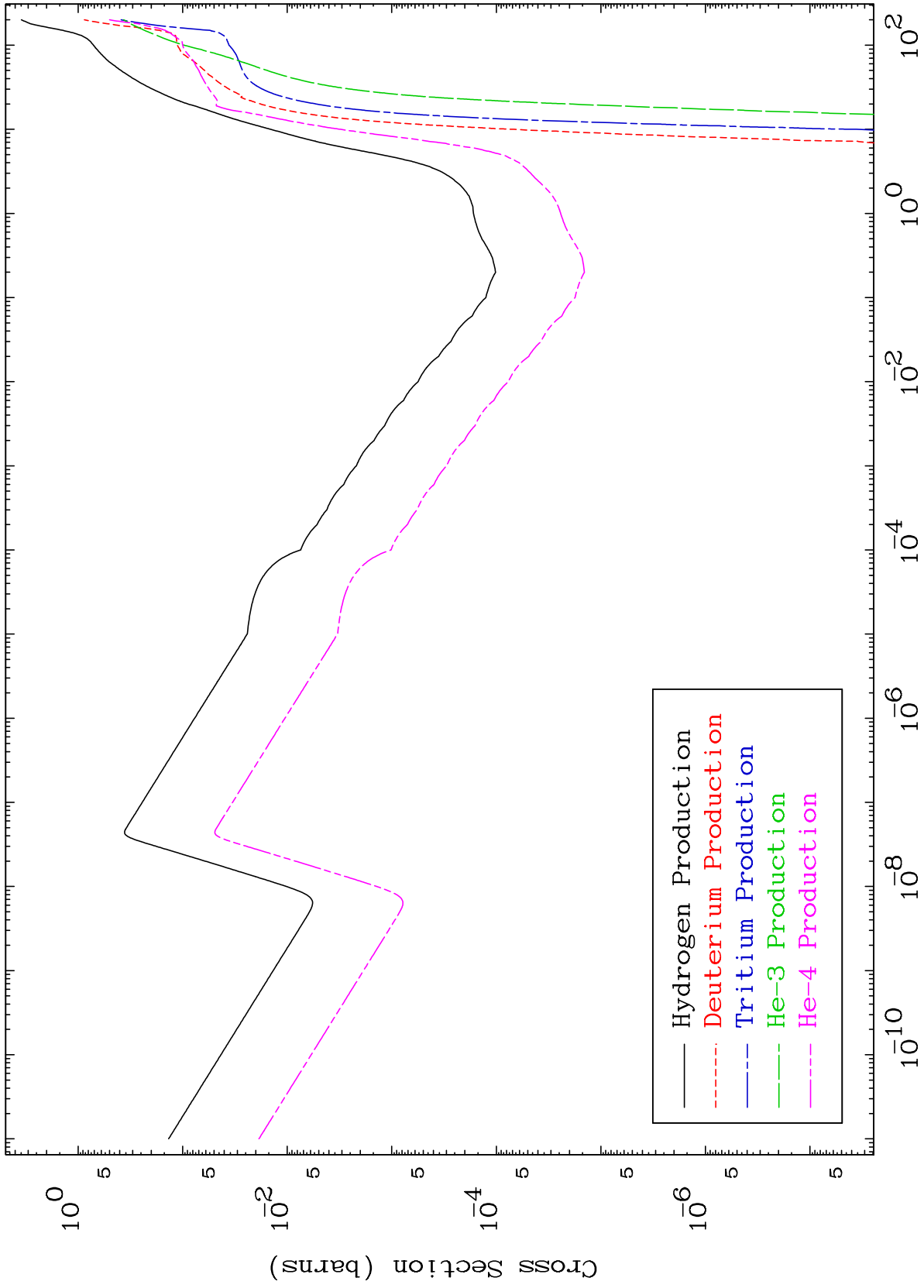
69-Tm-164



5

Incident Energy (MeV)

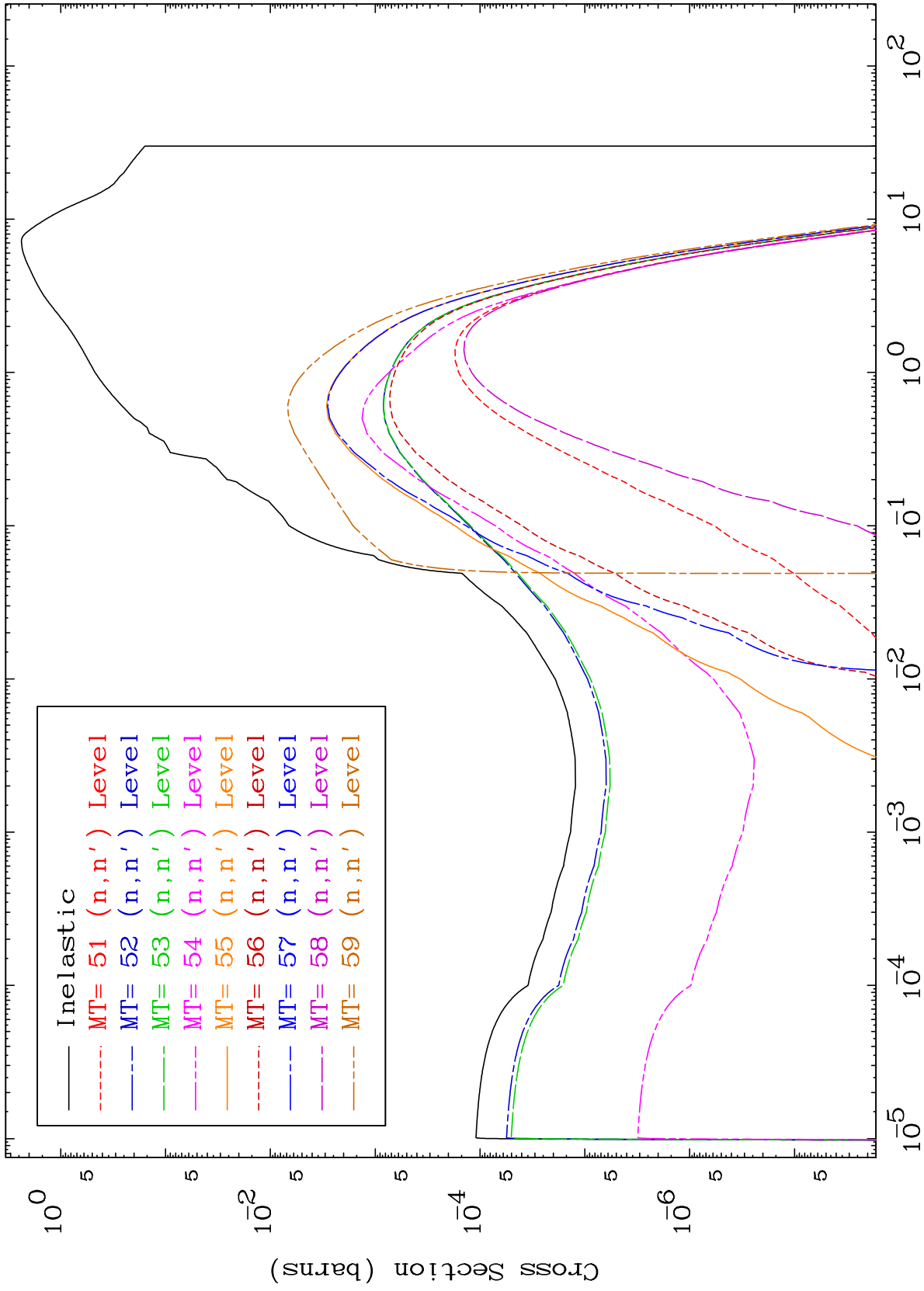
69-Tm-164



MAT 6911

(n,n') Level
293 Kelvin Cross Sections

69-Tm-164



7

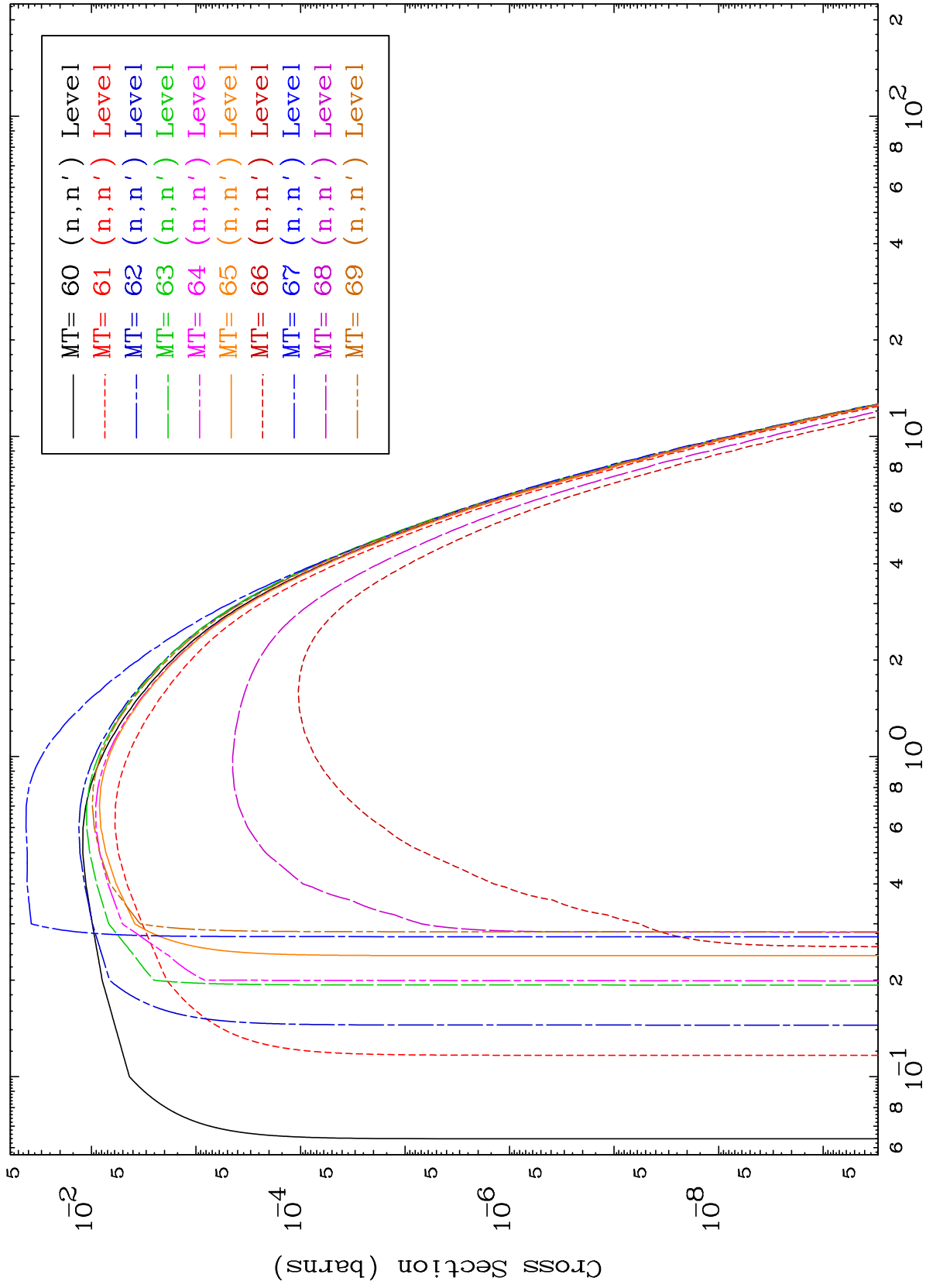
69-Tm-164

MAT 6911

(n,n') Level

69-Tm-164

293 Kelvin Cross Sections



8

Incident Energy (MeV)

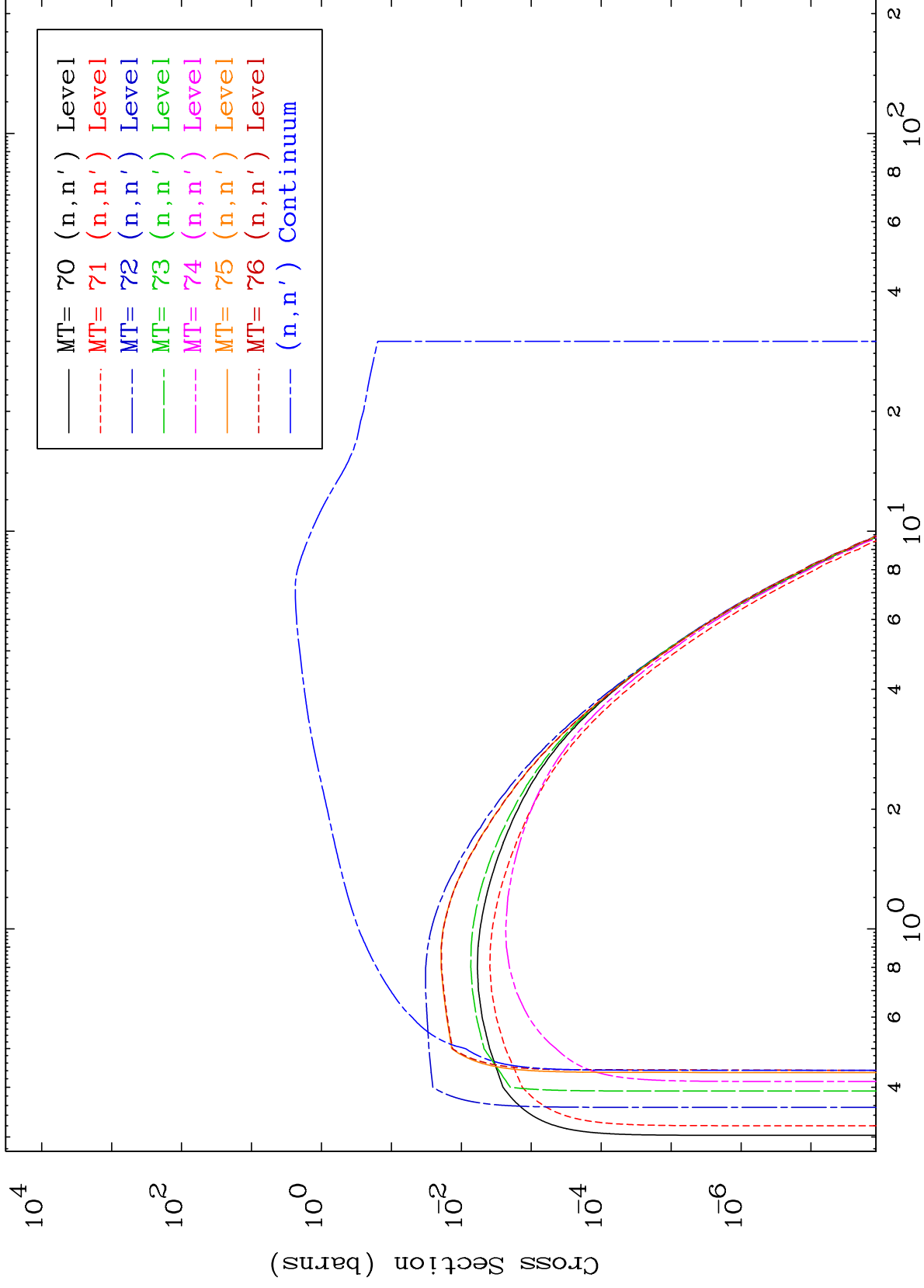
69-Tm-164

MAT 6911

(n,n') Level

69-Tm-164

293 Kelvin Cross Sections



9

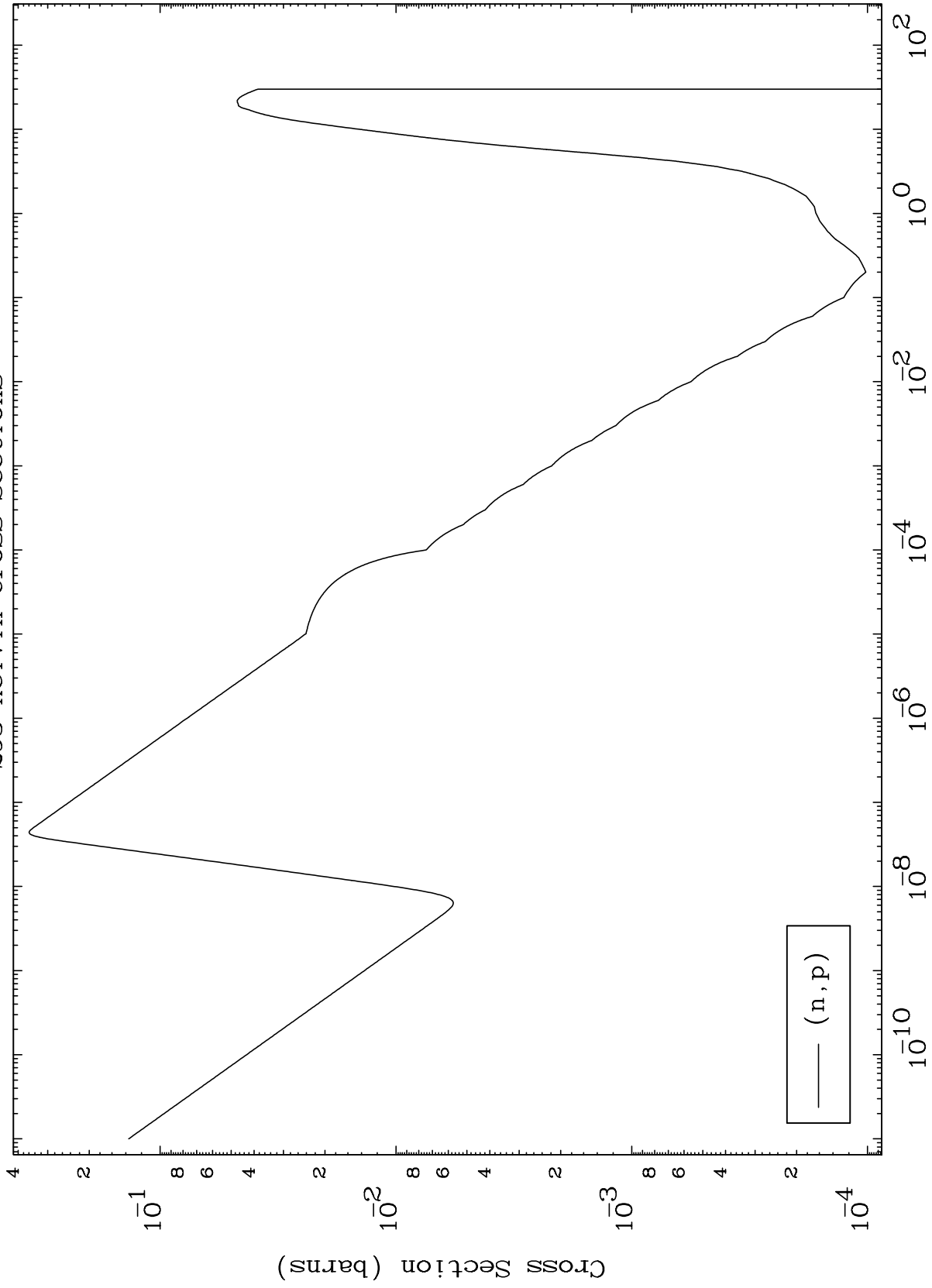
Incident Energy (MeV)

69-Tm-164

MAT 6911

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-164



10

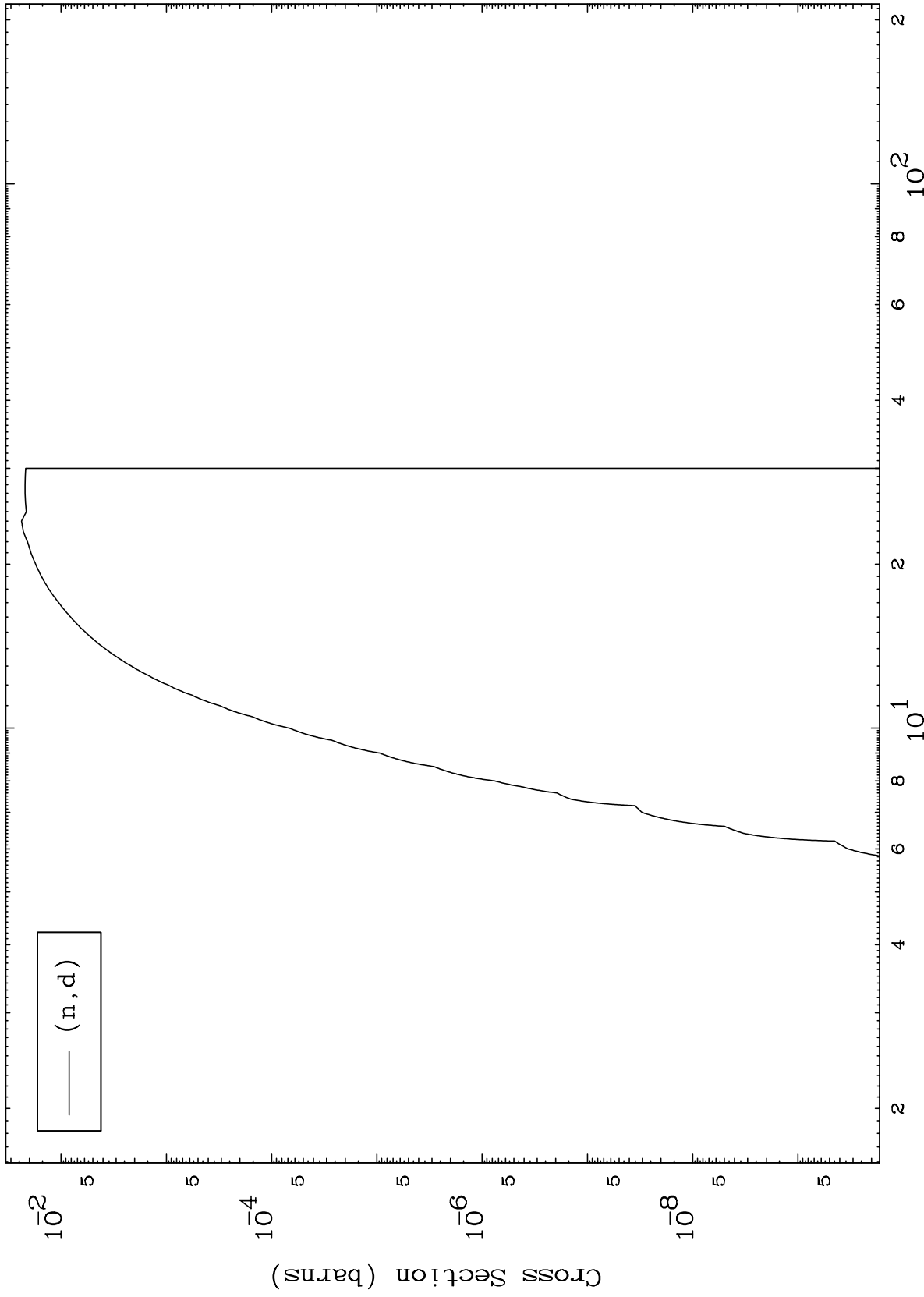
Incident Energy (MeV)

69-Tm-164

MAT 6911

(n,d) Levels
293 Kelvin Cross Sections

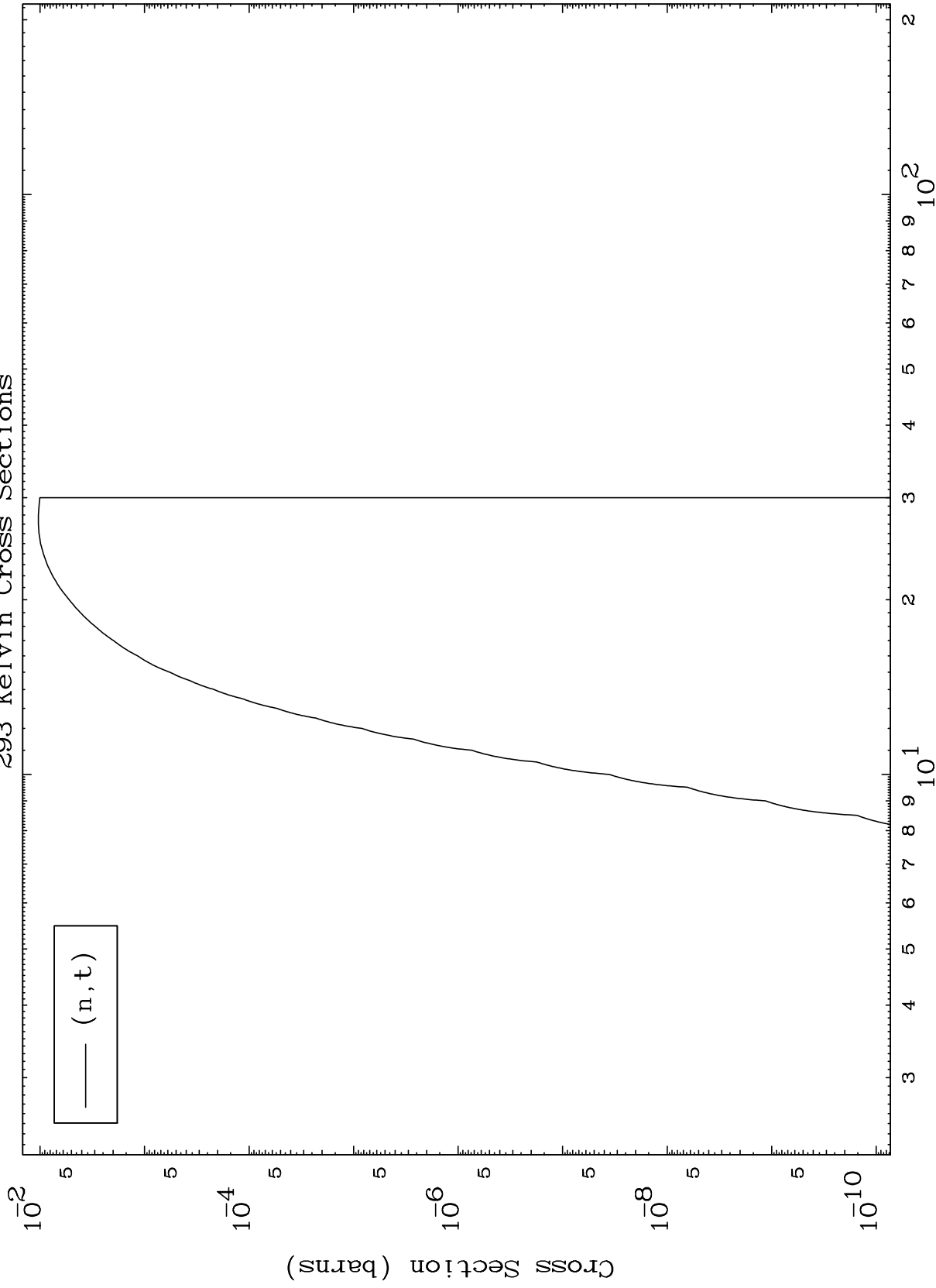
69-Tm-164



MAT 6911

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-164



12

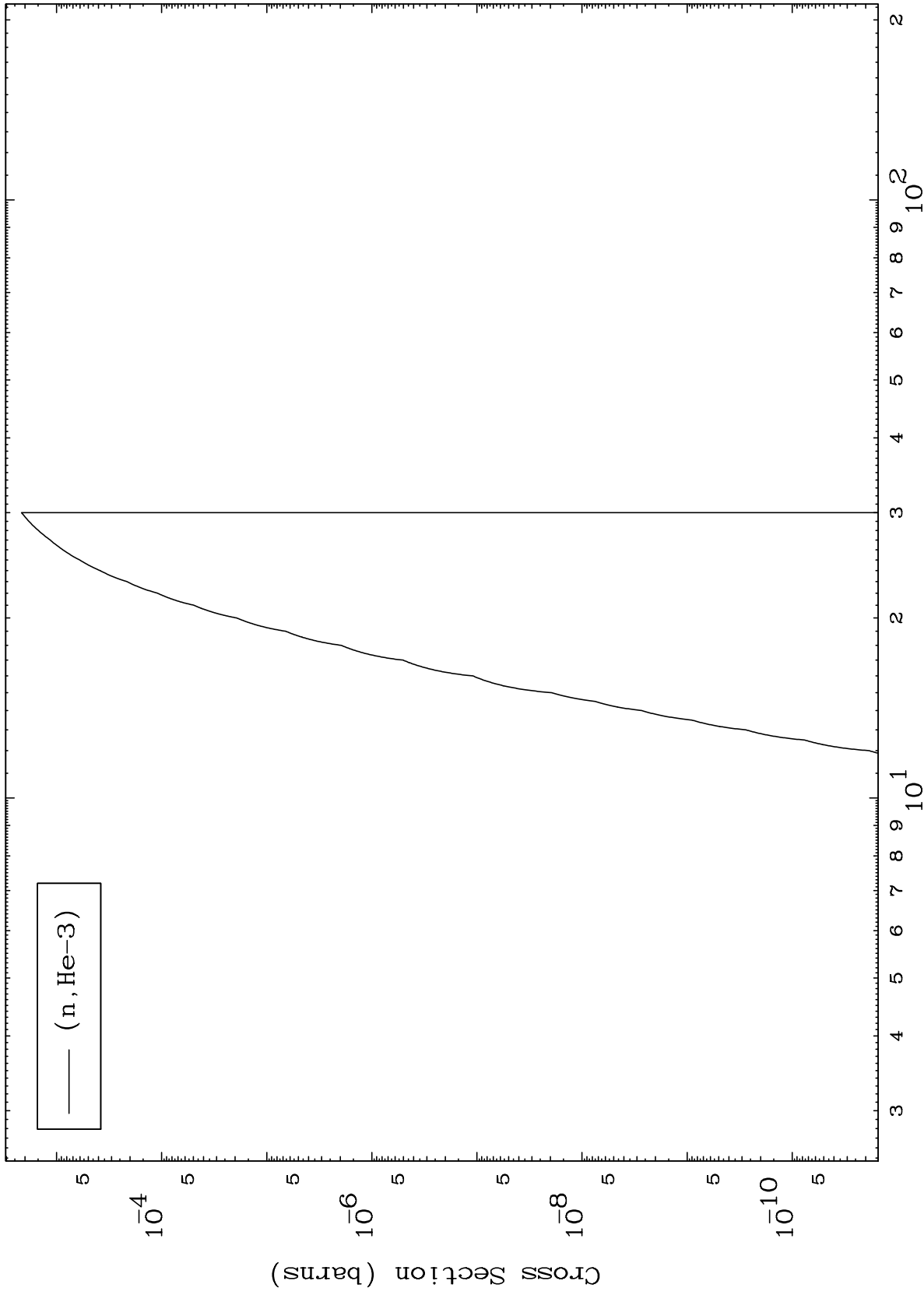
Incident Energy (MeV)

69-Tm-164

MAT 6911

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-164



13

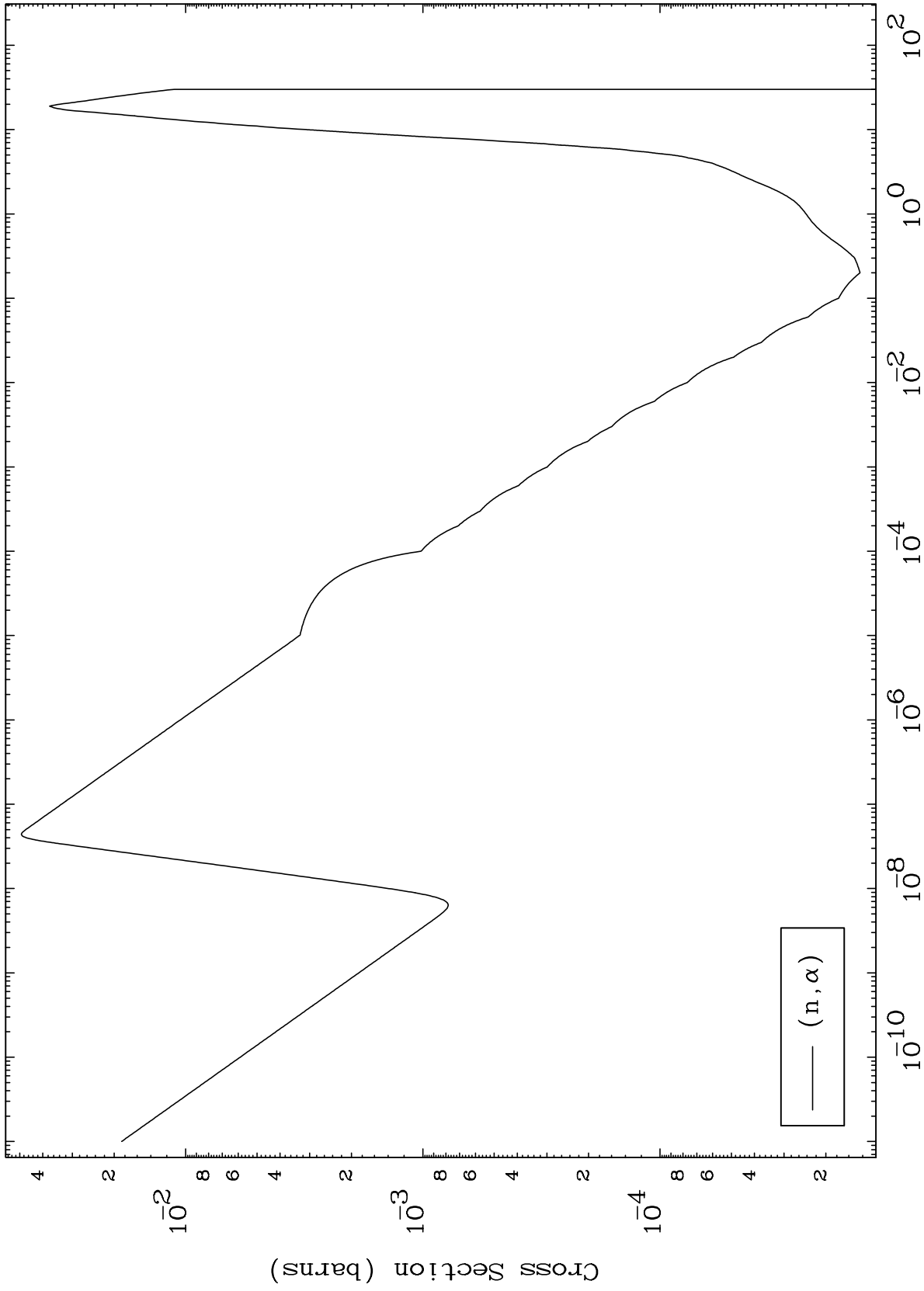
Incident Energy (MeV)

69-Tm-164

MAT 6911

(n,α) Levels
293 Kelvin Cross Sections

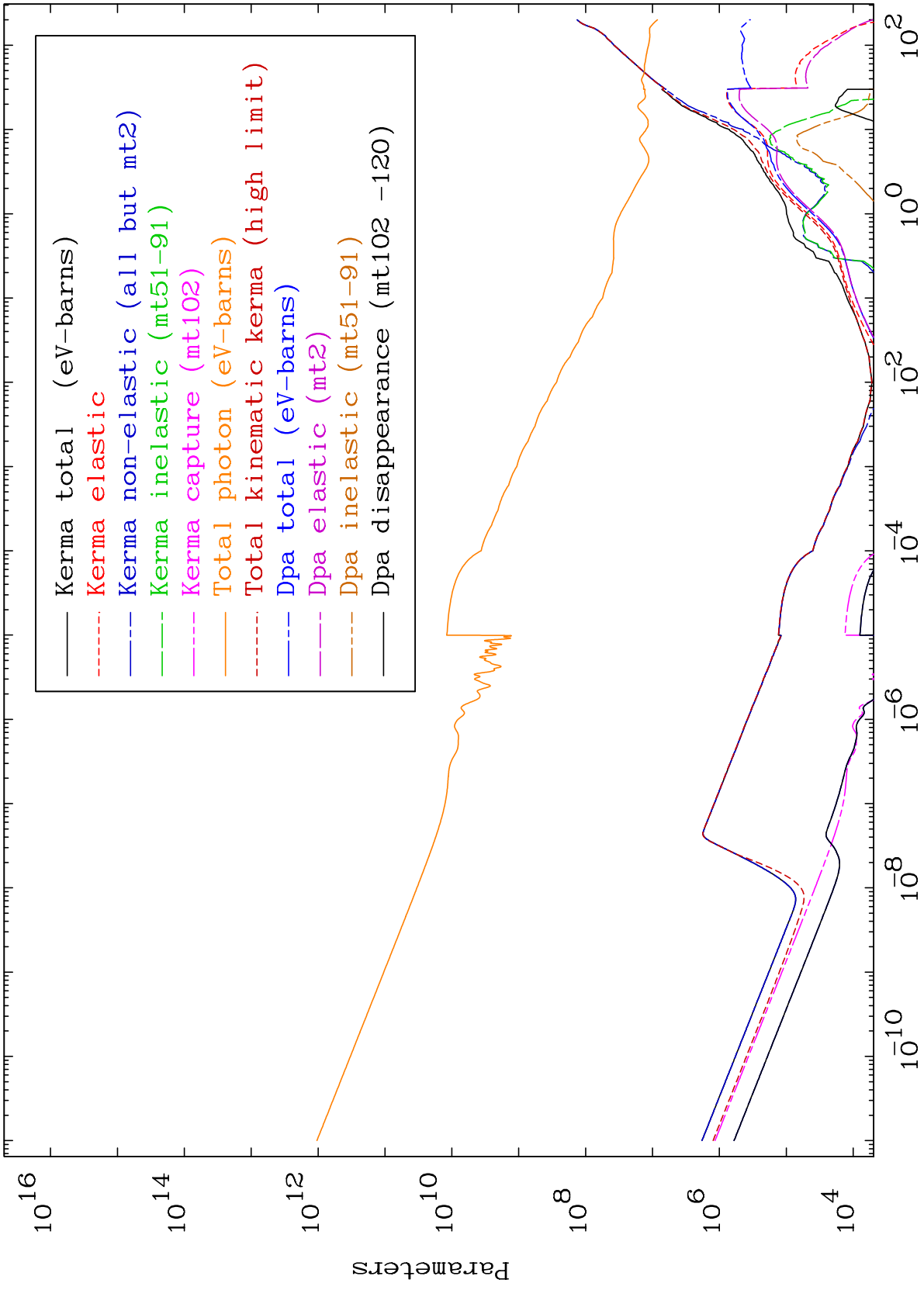
69-Tm-164

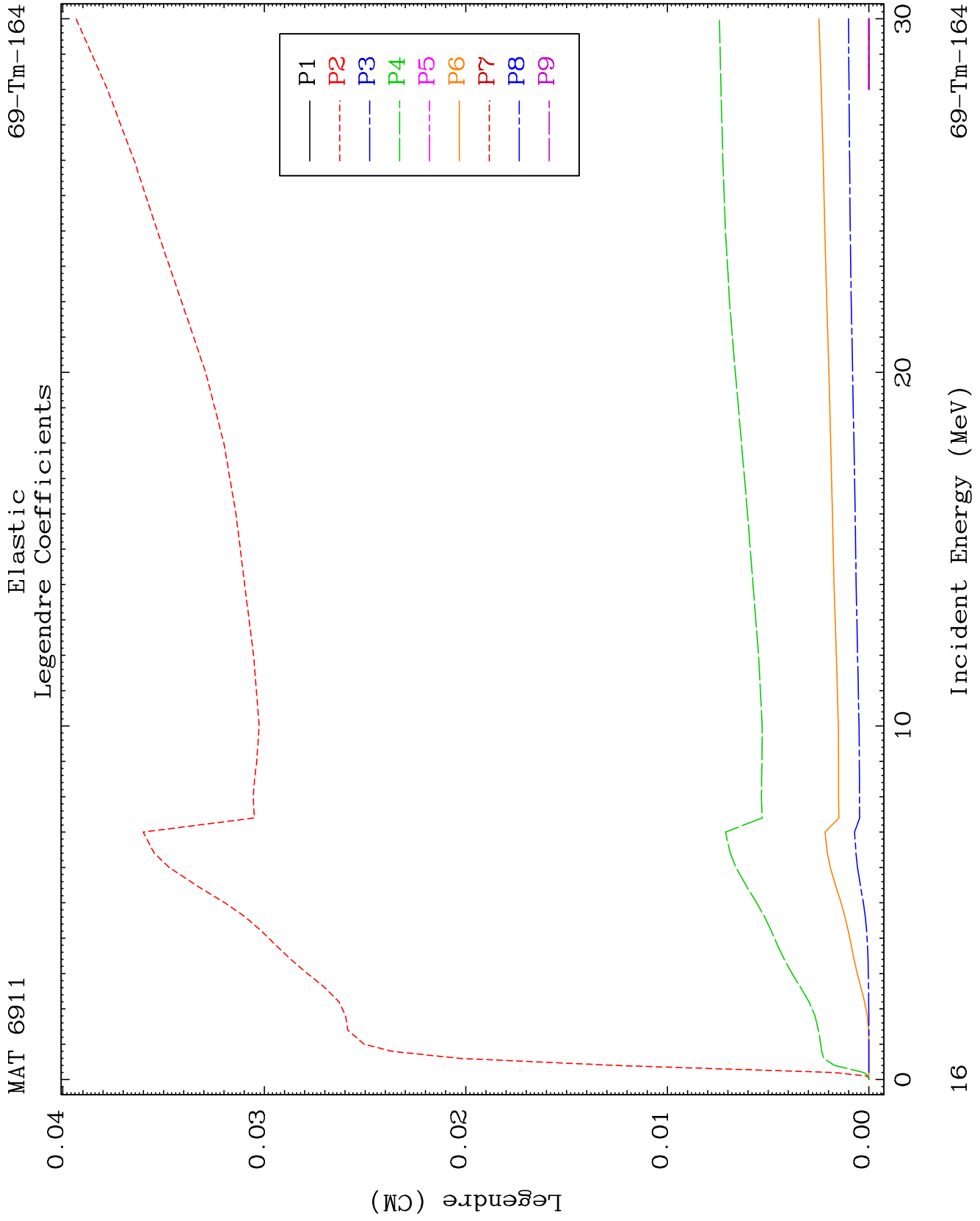


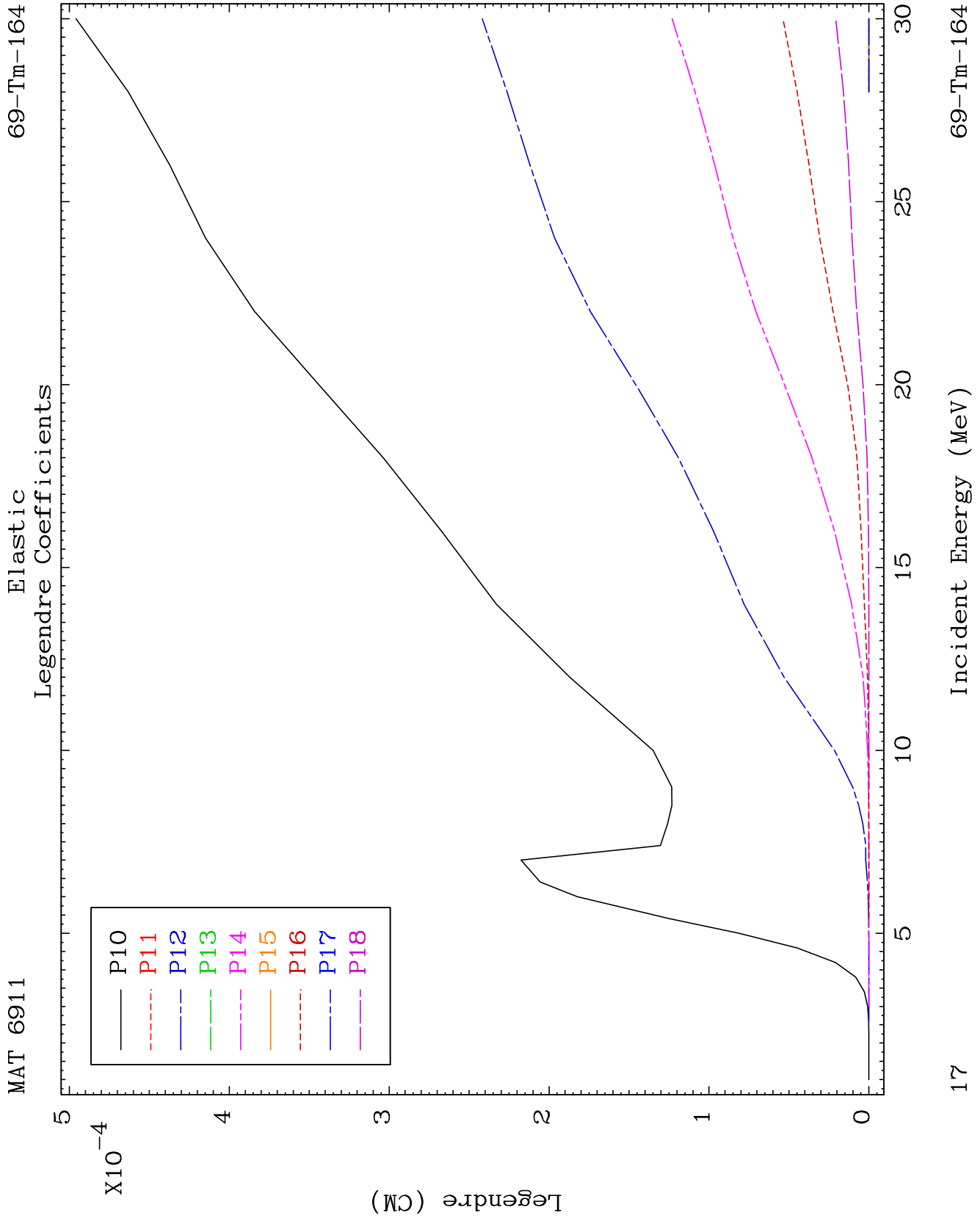
14

Incident Energy (MeV)

69-Tm-164



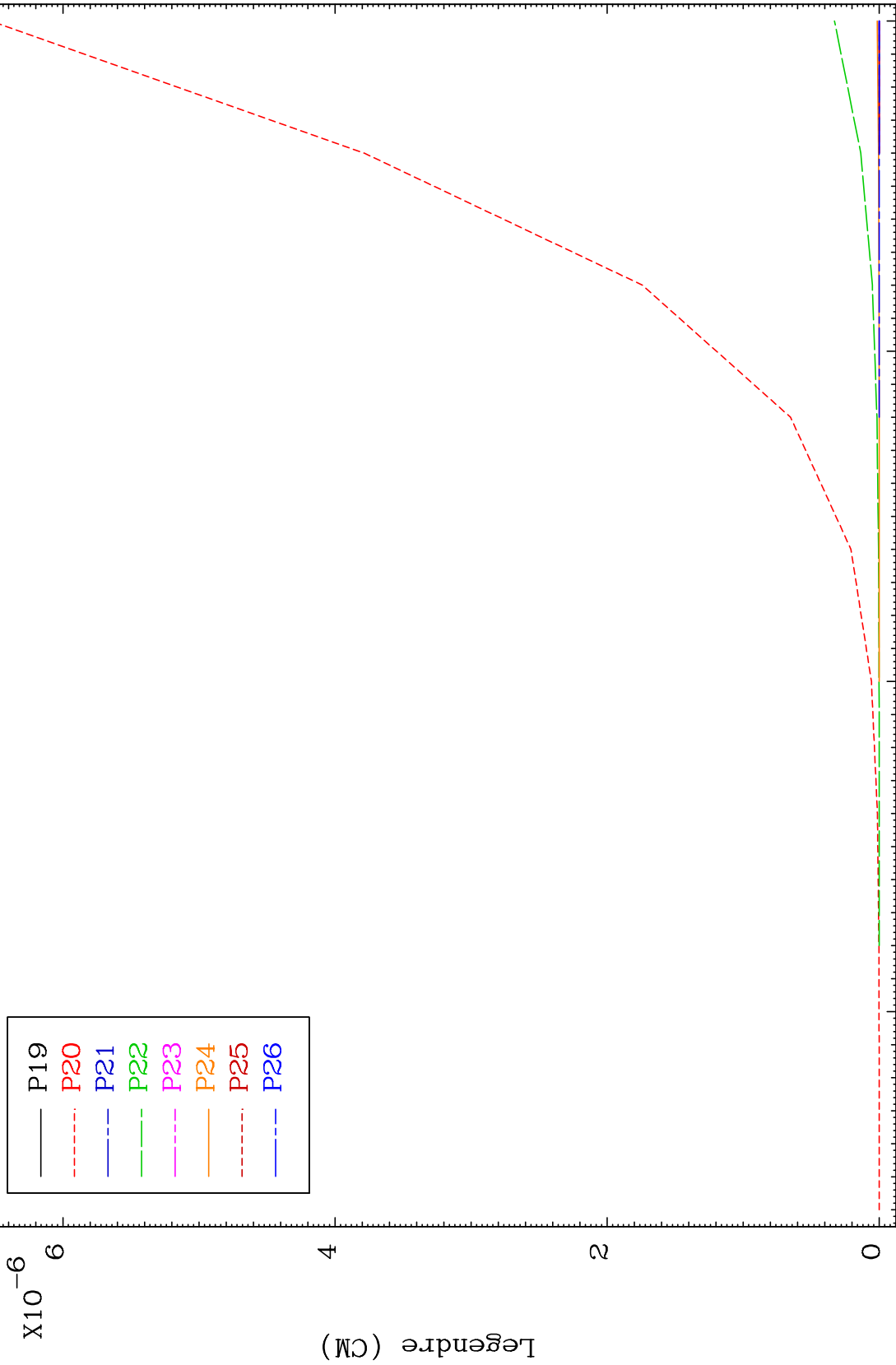
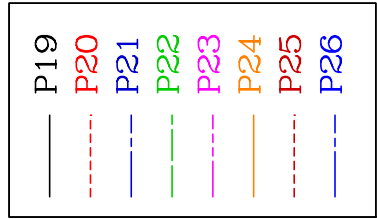




MAT 6911

Elastic
Legendre Coefficients

69-Tm-164



18

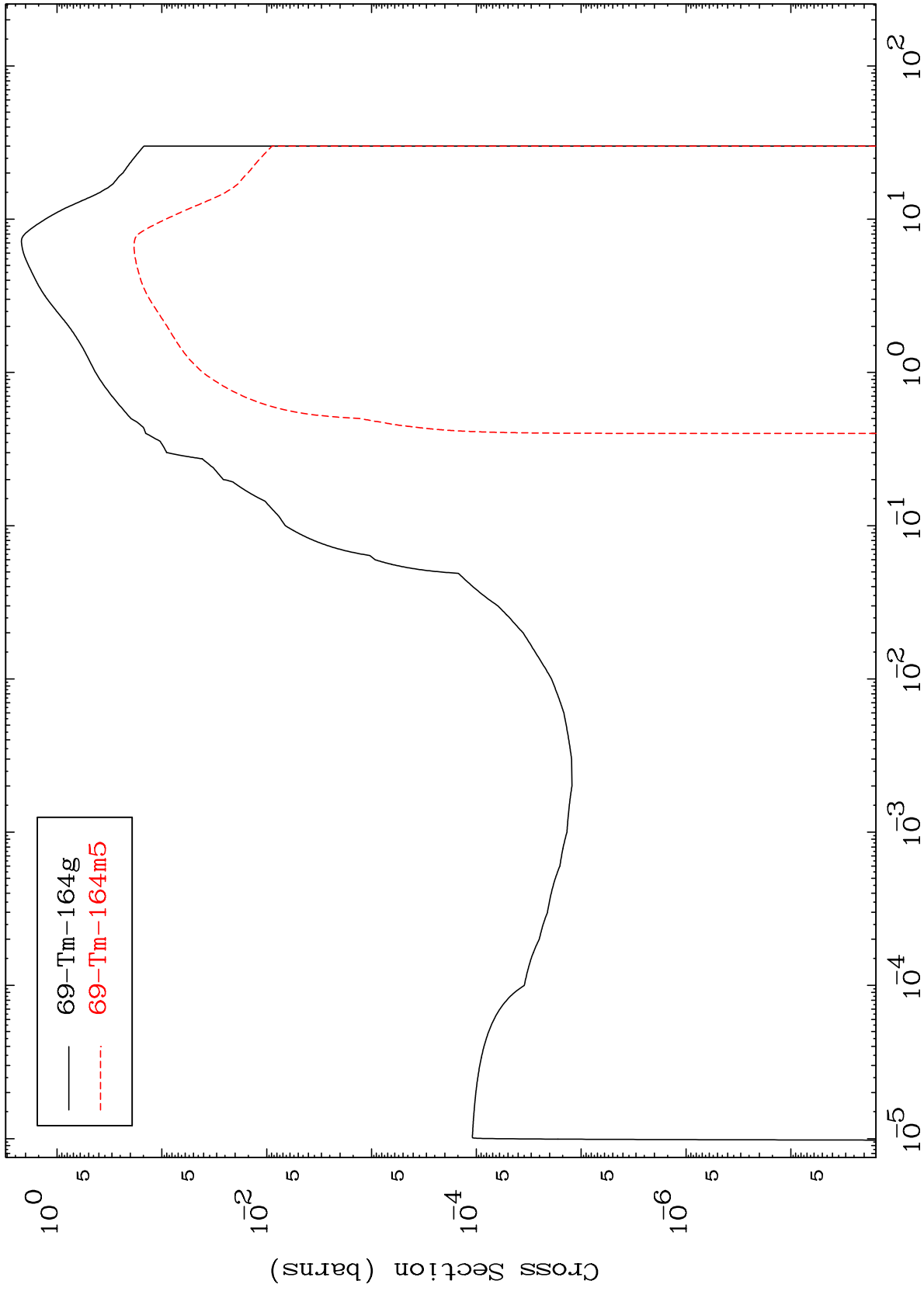
Incident Energy (MeV)

69-Tm-164

MAT 6911

Inelastic
Radionuclide Production Cross Section

69-Tm-164

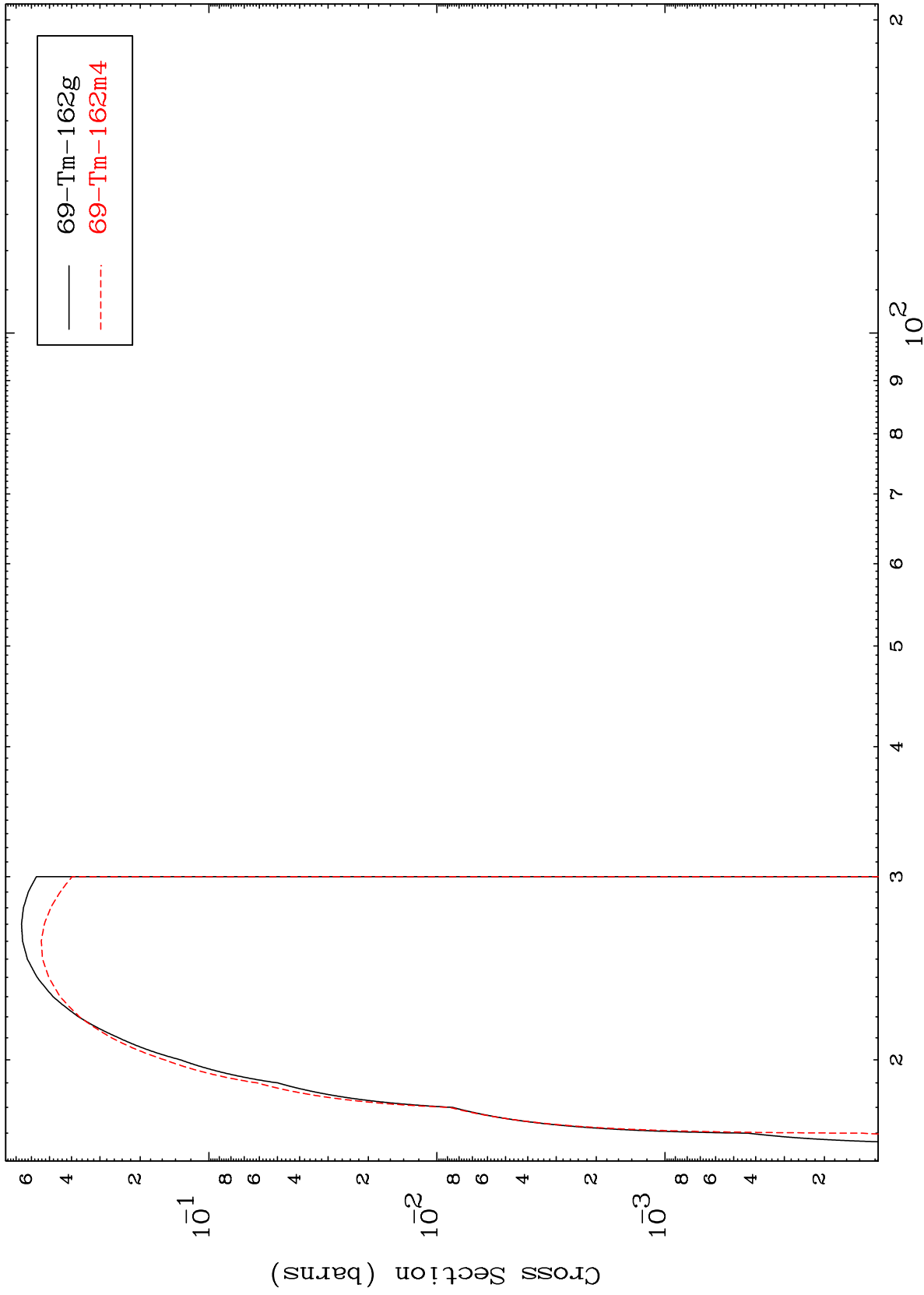


69-Tm-164g
69-Tm-164m5

MAT 6911

69-Tm-164

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

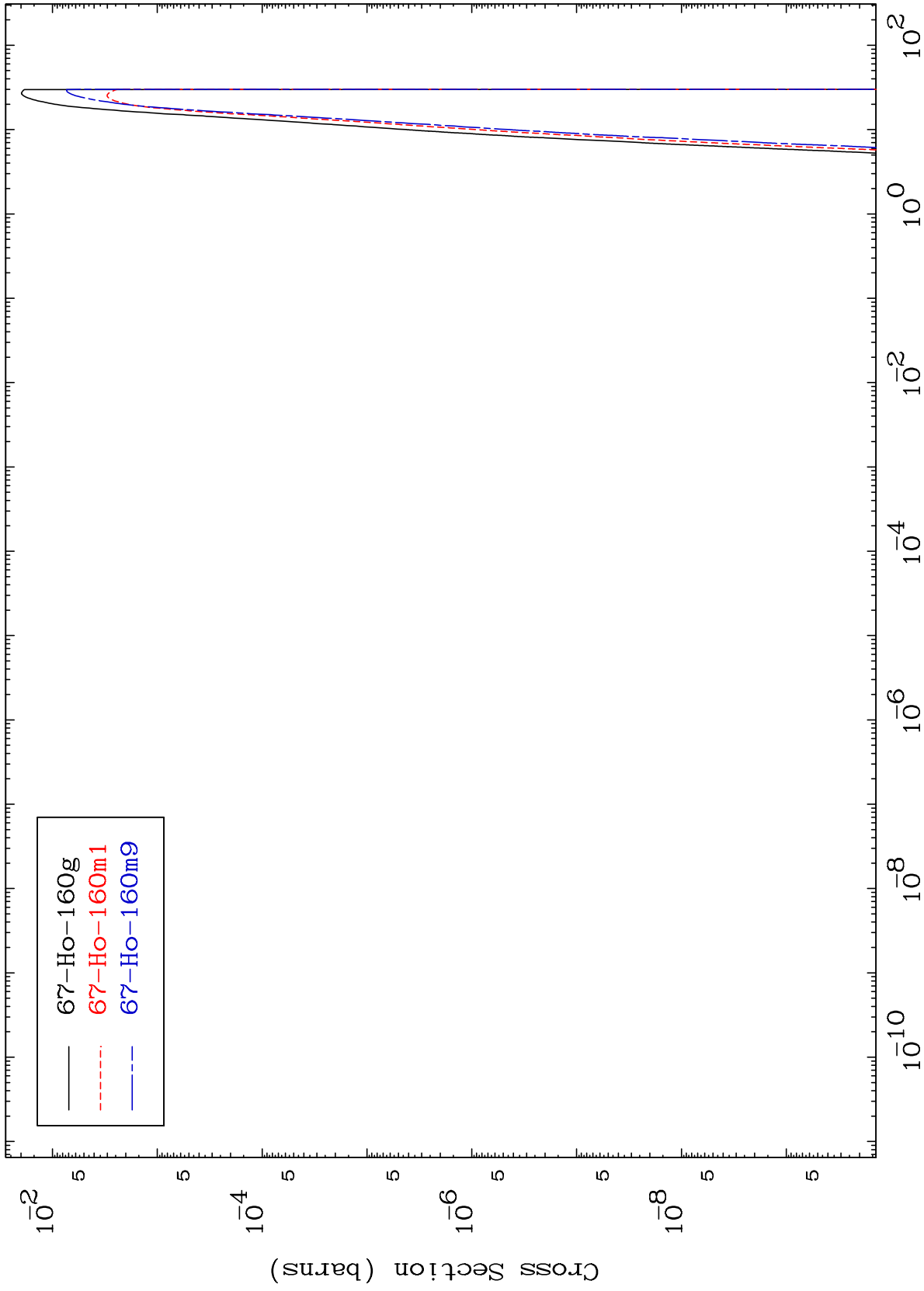
69-Tm-164

MAT 6911

(n,n') α

69-Tm-164

Radionuclide Production Cross Section



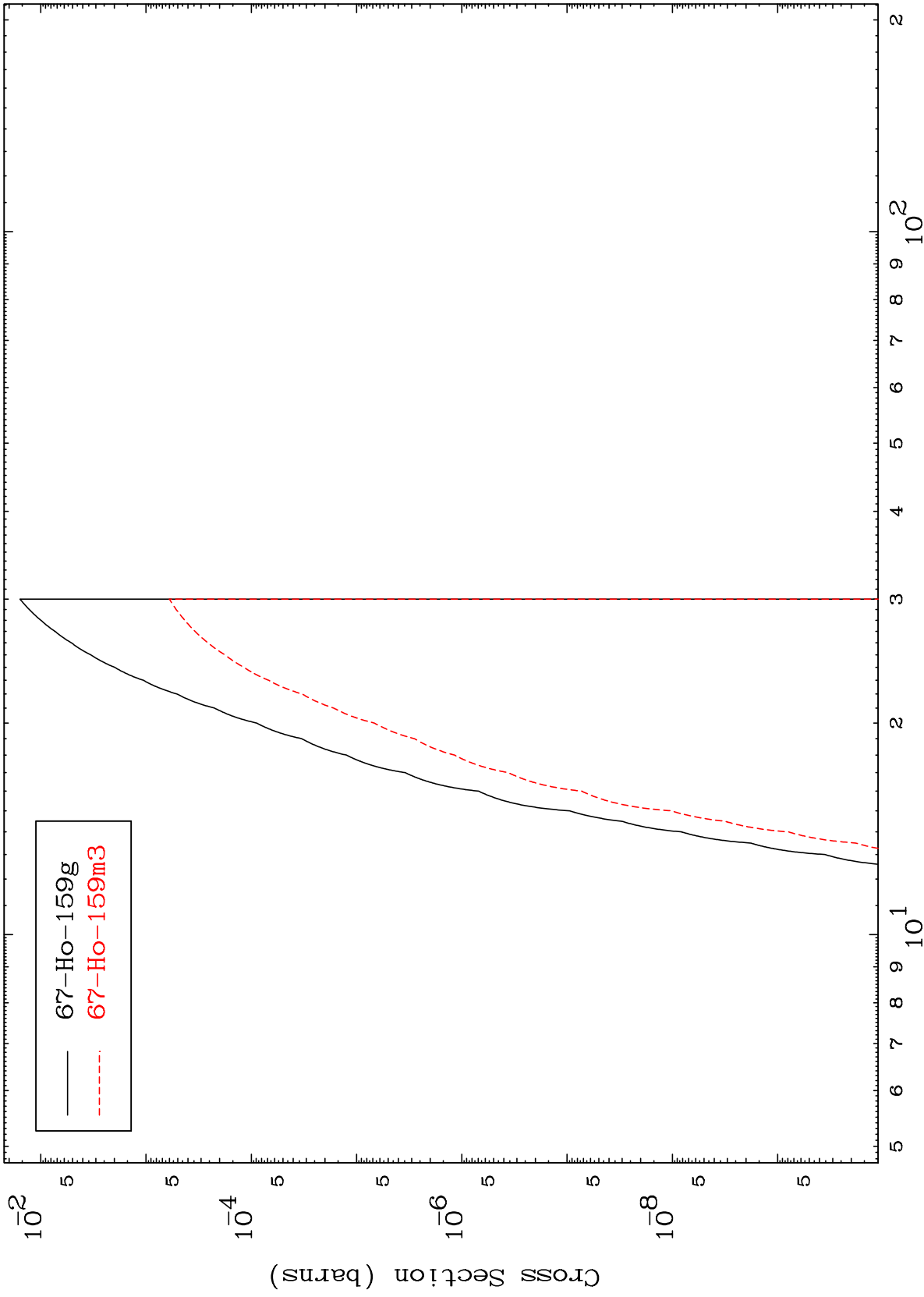
67-Ho-160g
67-Ho-160m1
67-Ho-160m9

MAT 6911

$(n, 2n) \alpha$

69-Tm-164

Radionuclide Production Cross Section



22

Incident Energy (MeV)

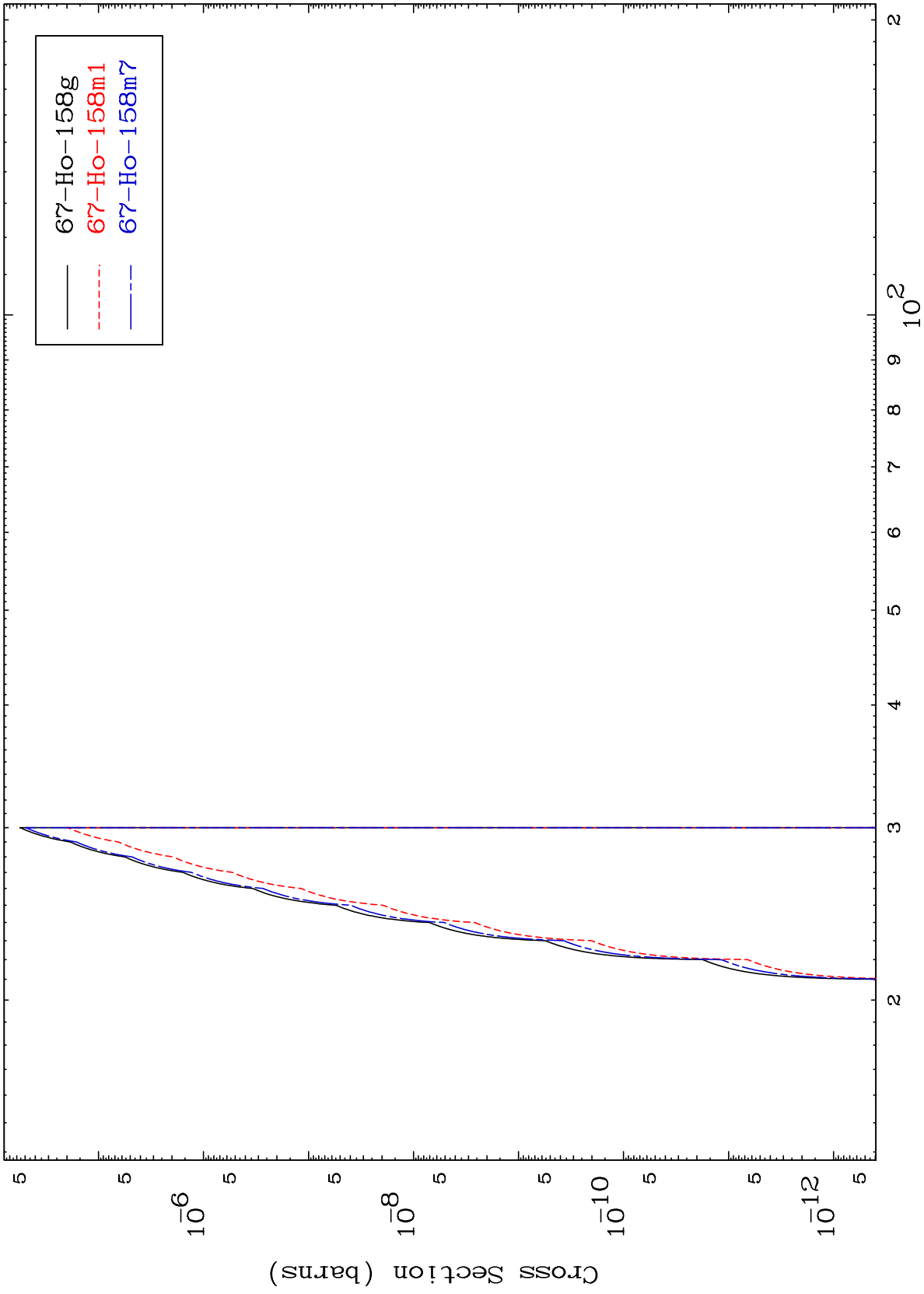
69-Tm-164

MAT 6911

(n,3n) α

69-Tm-164

Radionuclide Production Cross Section



23

Incident Energy (MeV)

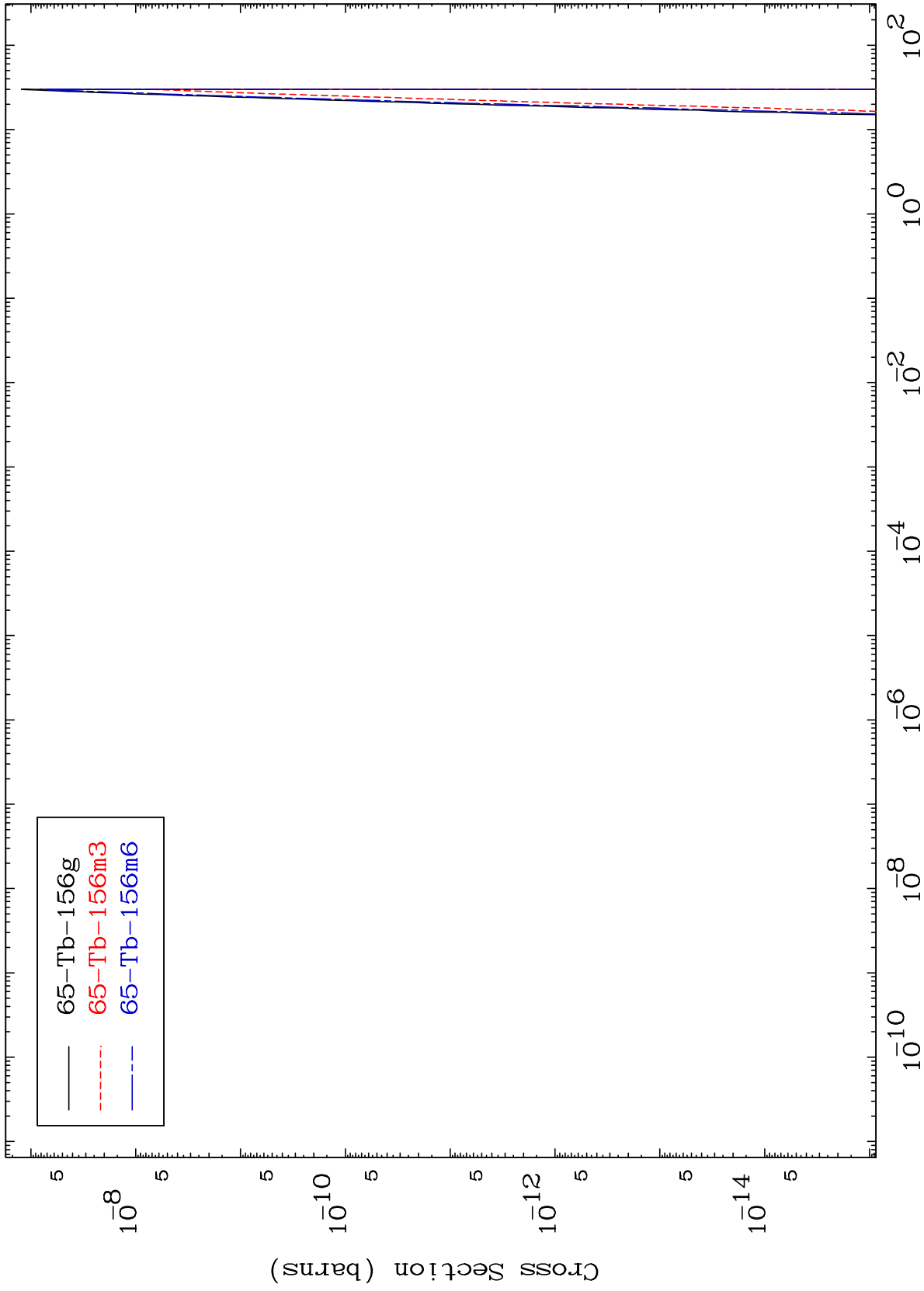
69-Tm-164

MAT 6911

(n,n') 2α

69-Tm-164

Radionuclide Production Cross Section



24

Incident Energy (MeV)

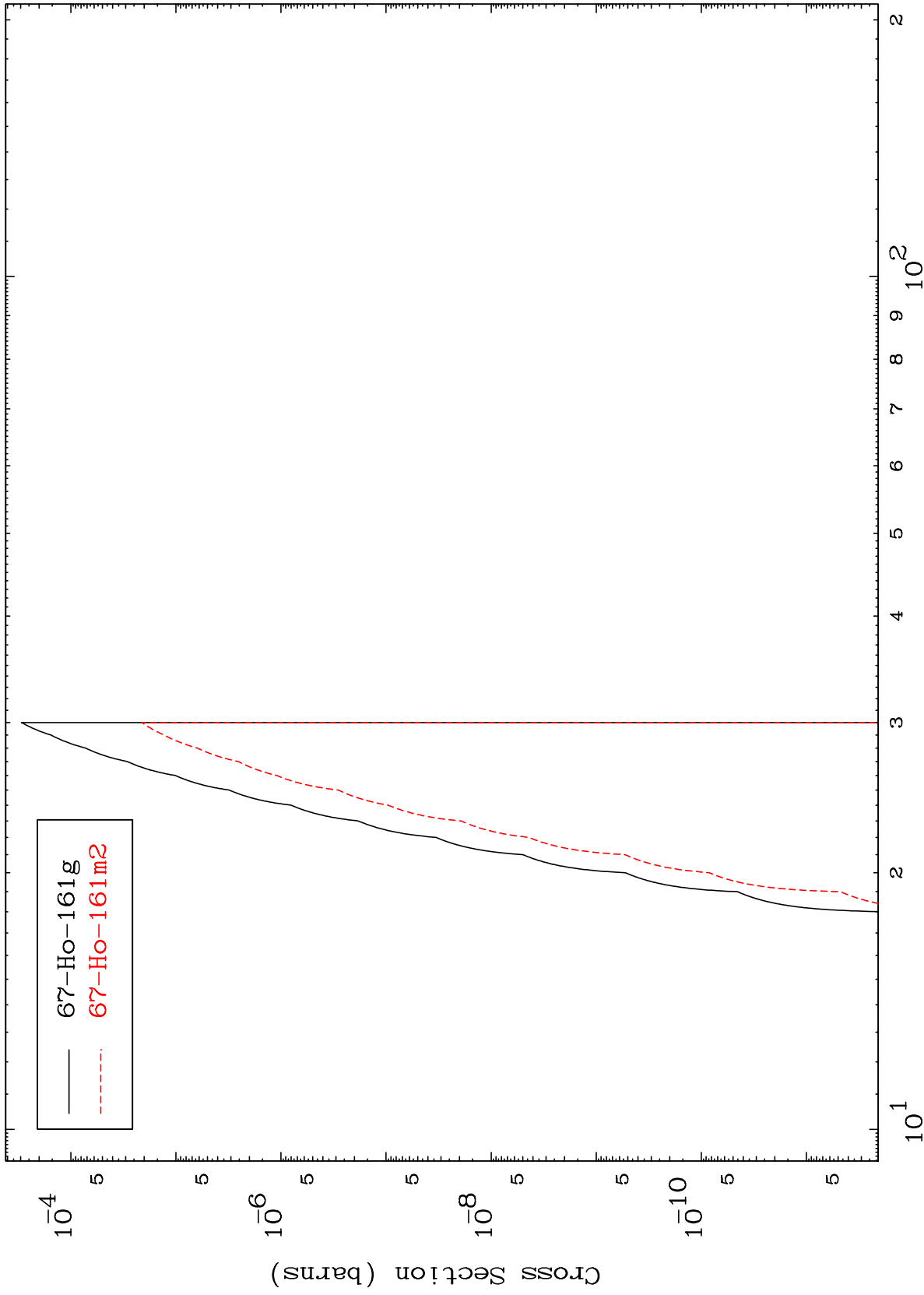
69-Tm-164

MAT 6911

(n, n') He-3

69-Tm-164

Radionuclide Production Cross Section



25

Incident Energy (MeV)

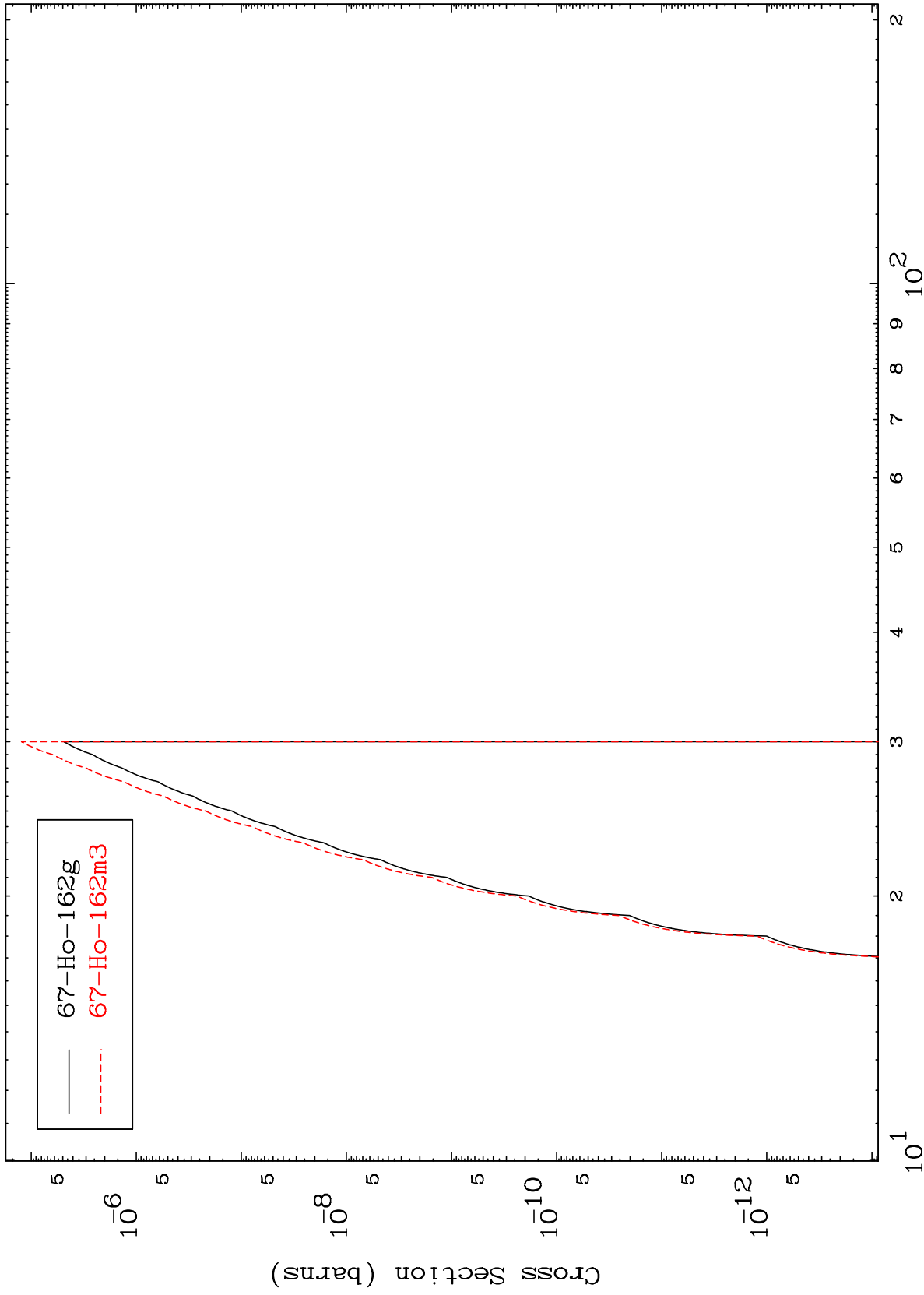
69-Tm-164

MAT 6911

(n,2n) p

69-Tm-164

Radionuclide Production Cross Section



26

Incident Energy (MeV)

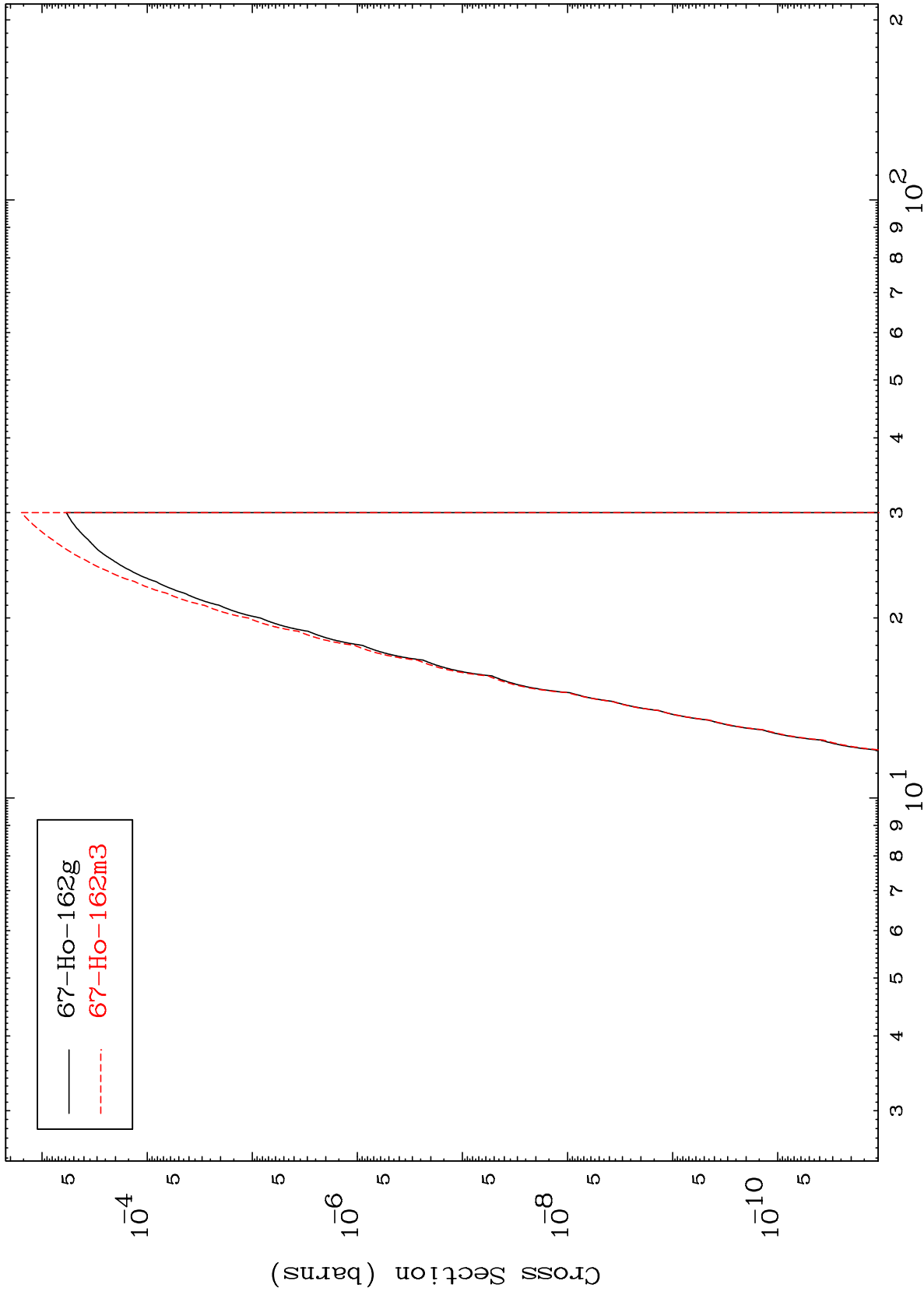
69-Tm-164

MAT 6911

(n, He-3)

69-Tm-164

Radionuclide Production Cross Section



27

Incident Energy (MeV)

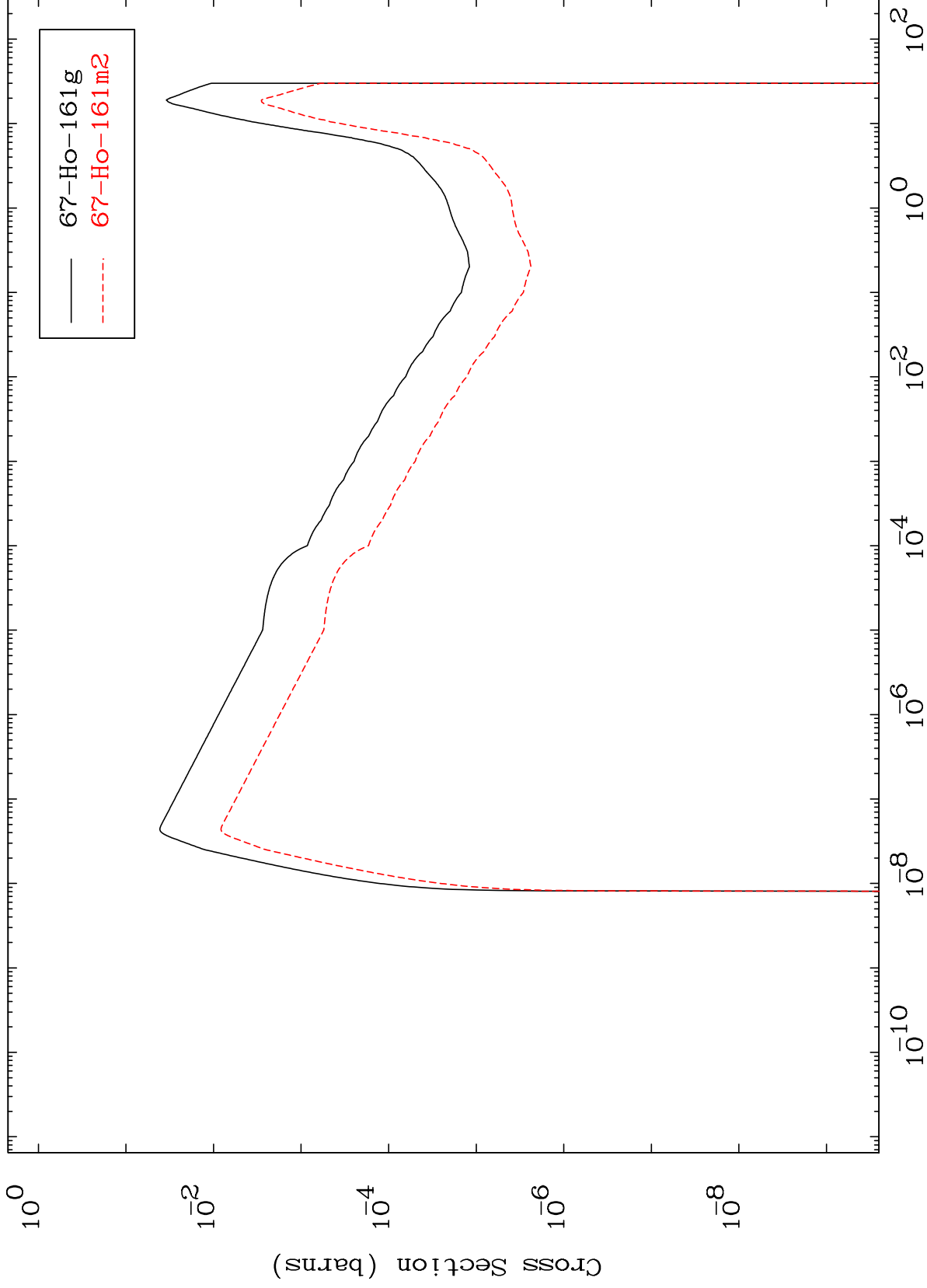
69-Tm-164

MAT 6911

(n, α)

69-Tm-164

Radionuclide Production Cross Section



28

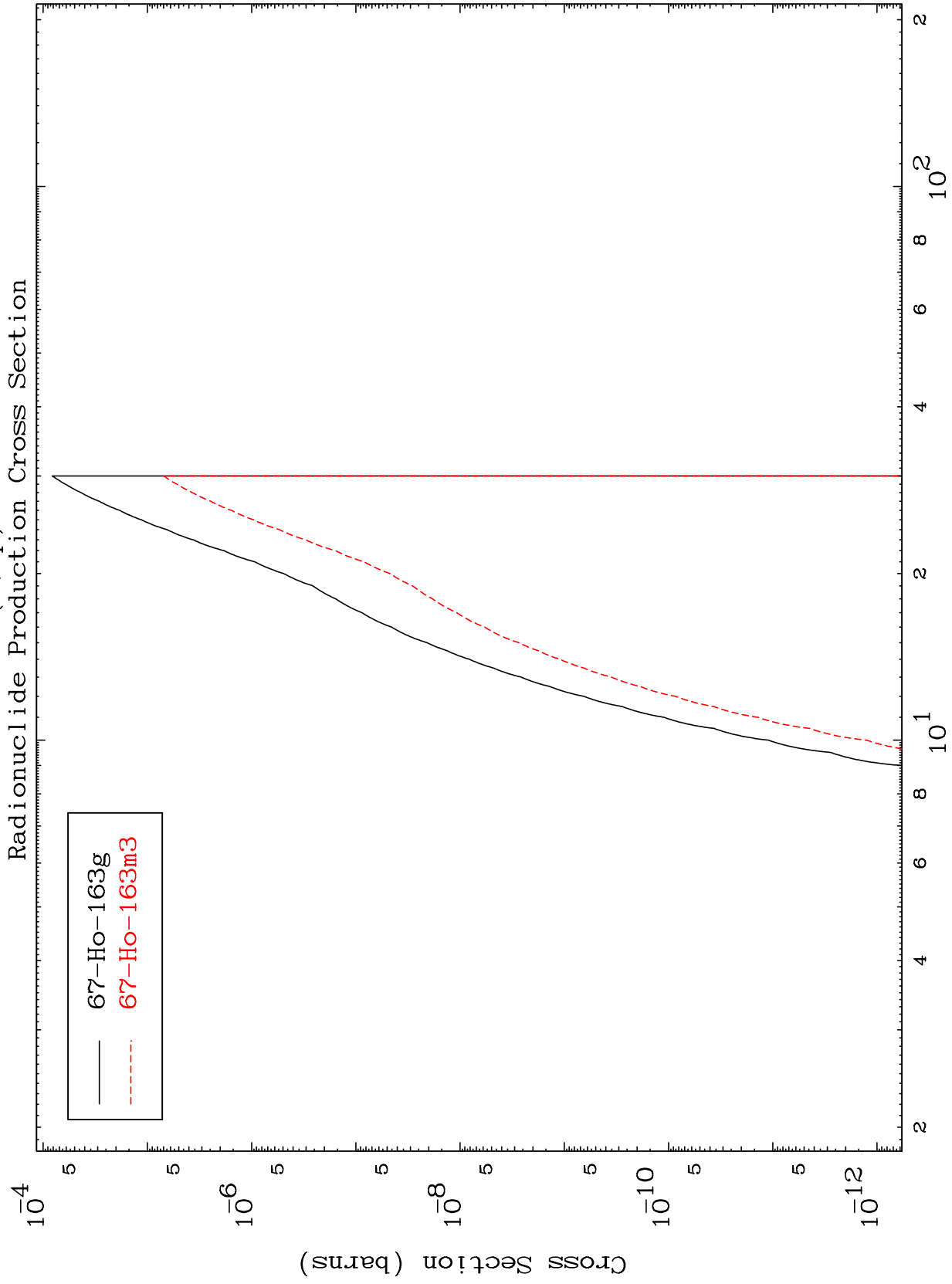
Incident Energy (MeV)

69-Tm-164

MAT 6911

69-Tm-164

Radionuclide Production Cross Section



29

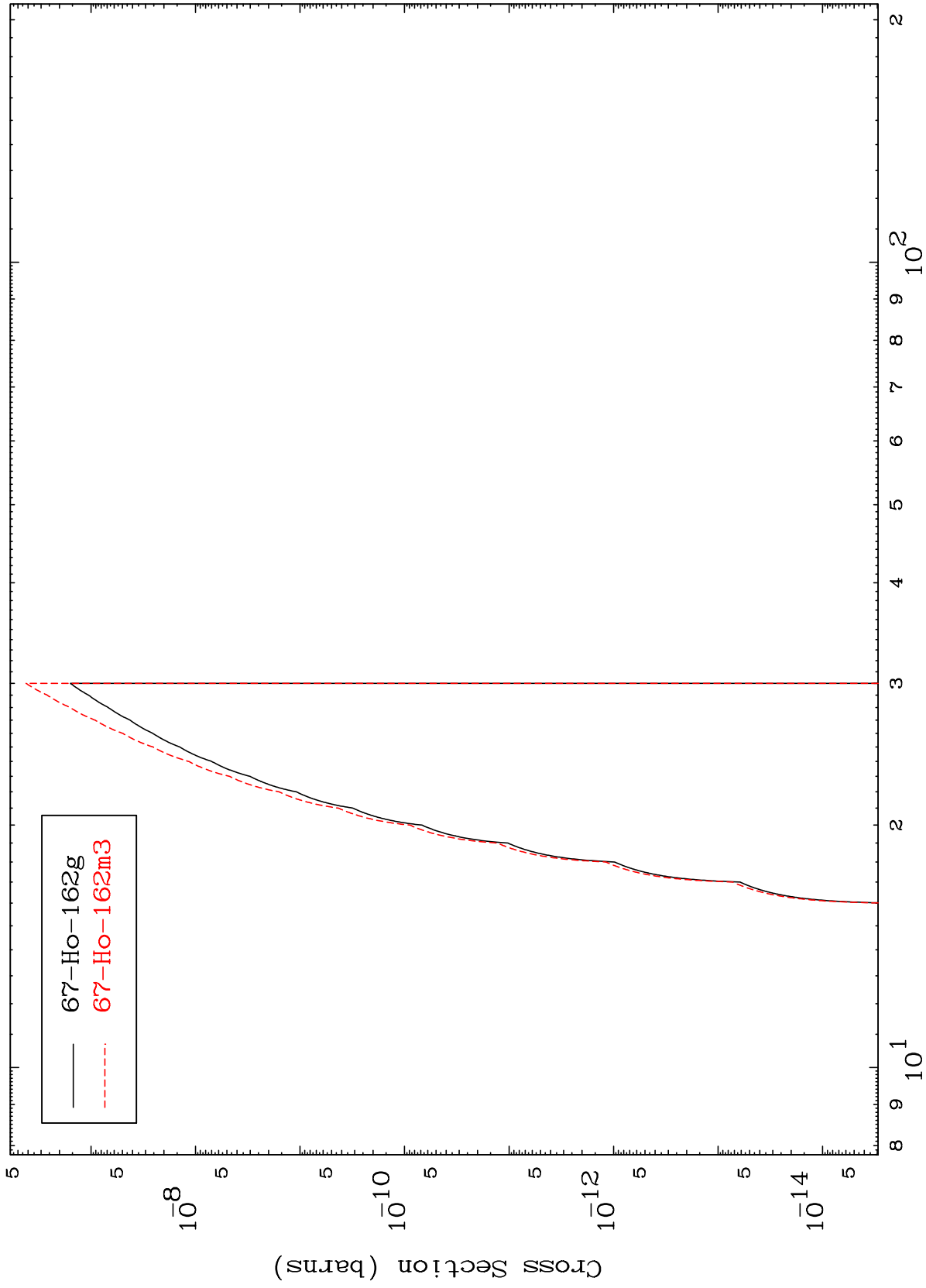
69-Tm-164

MAT 6911

(n,p) d

69-Tm-164

Radionuclide Production Cross Section



30

Incident Energy (MeV)

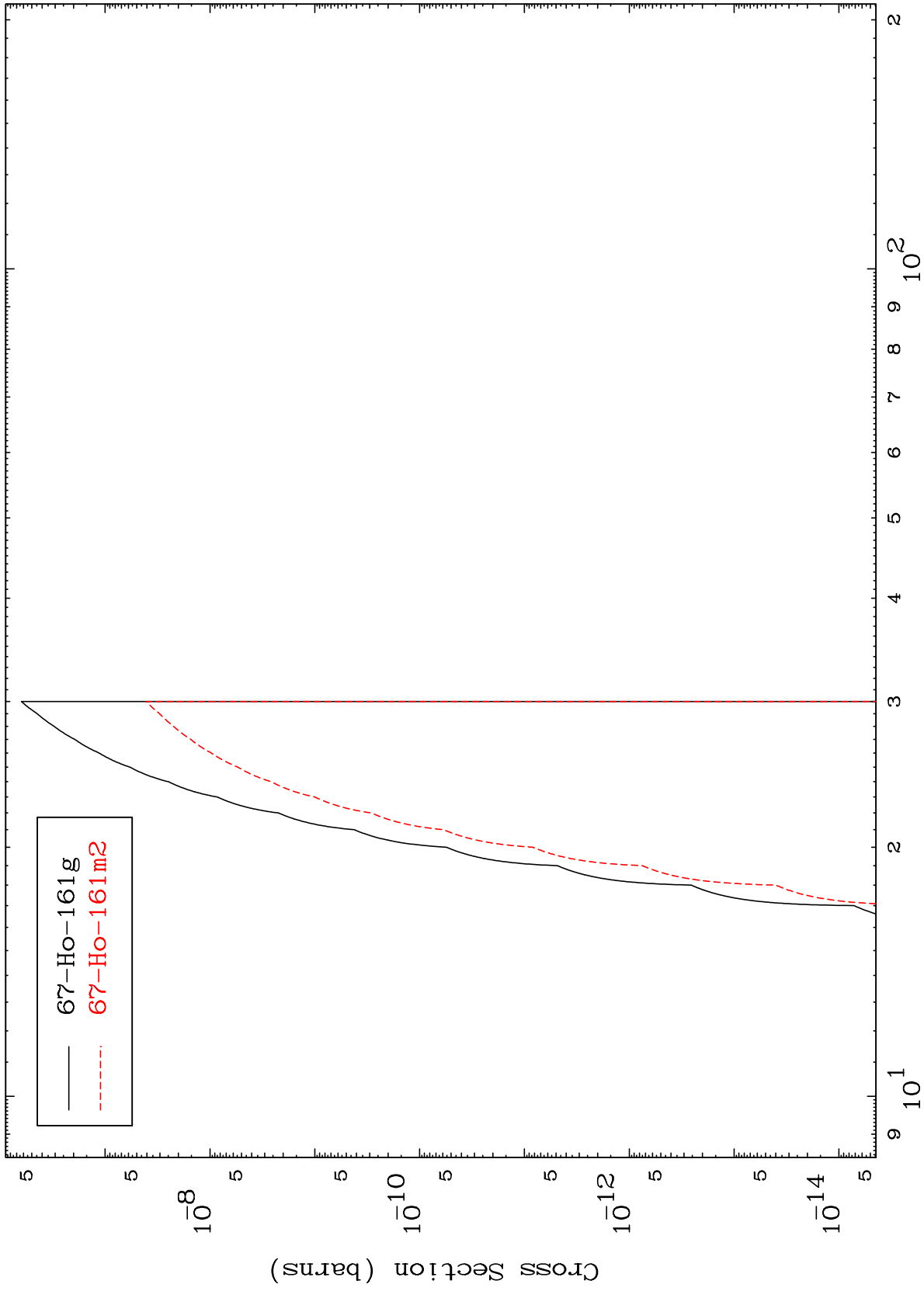
69-Tm-164

MAT 6911

(n,p) t

69-Tm-164

Radionuclide Production Cross Section



67-Ho-161g
67-Ho-161m2

31

Incident Energy (MeV)

69-Tm-164