

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

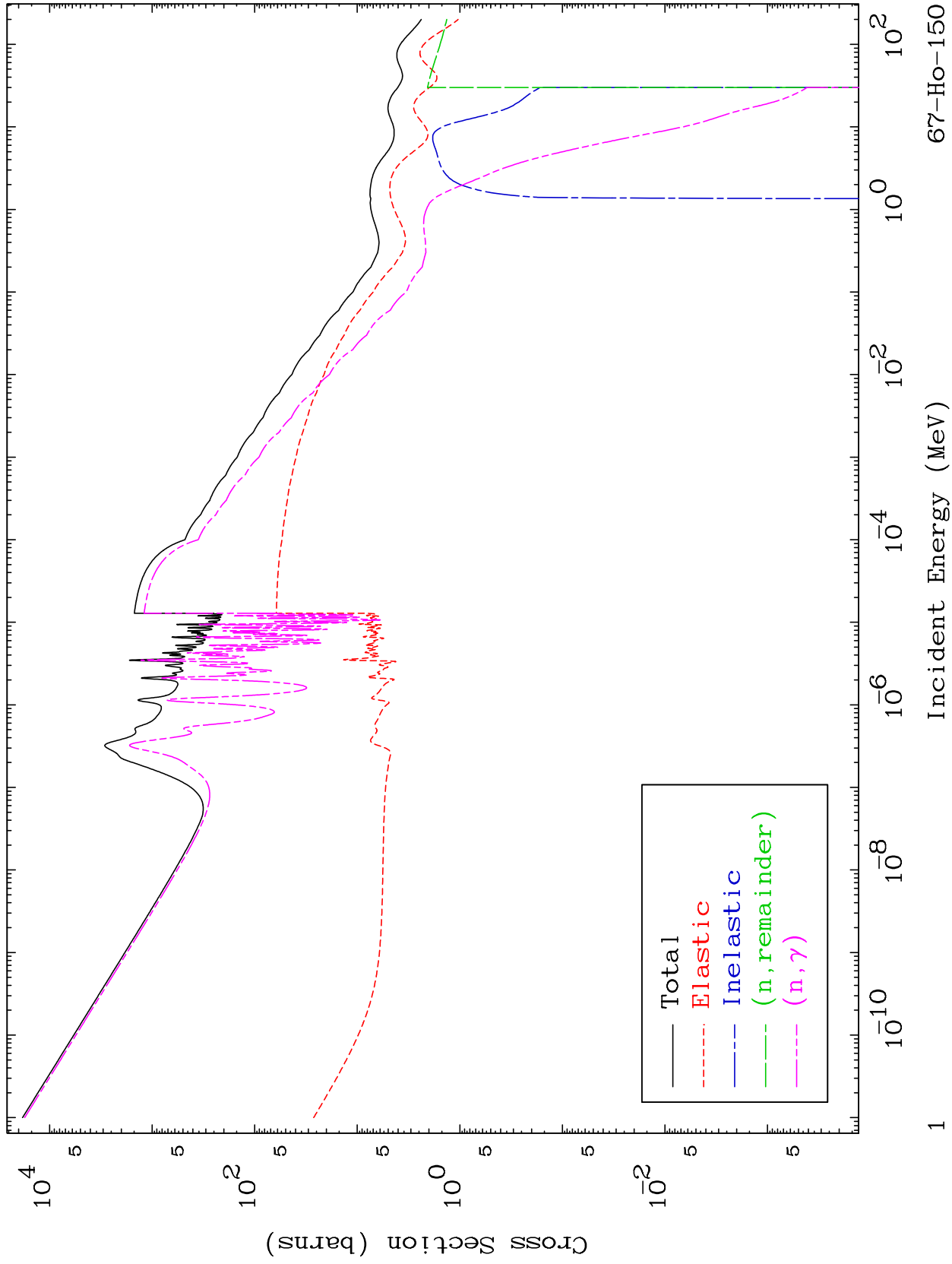
Press Mouse Button to Start

MAT 6681

Major

293 Kelvin Cross Sections

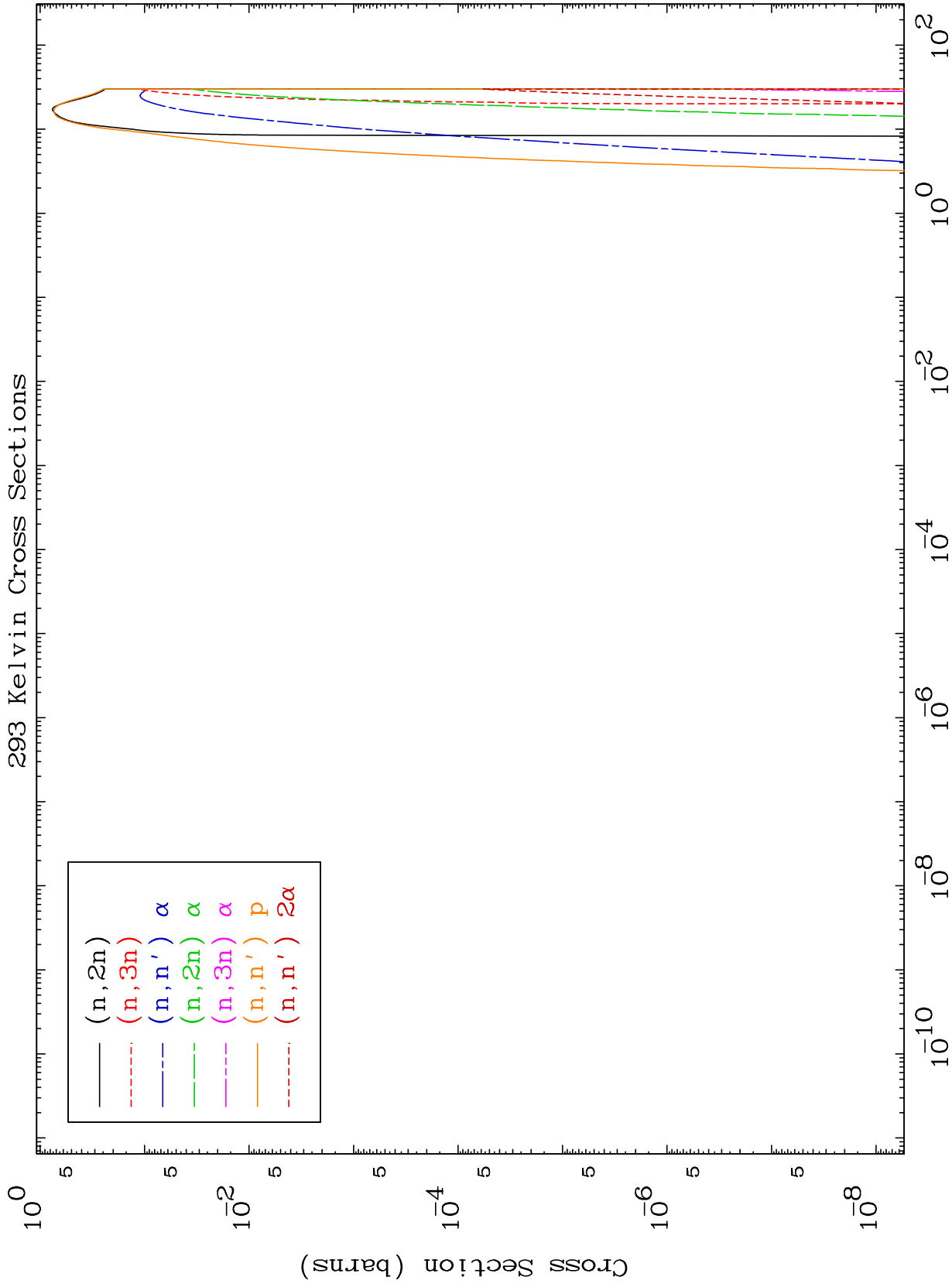
67-Ho-150



MAT 6681

Neutron Production
293 Kelvin Cross Sections

67-Ho-150



2

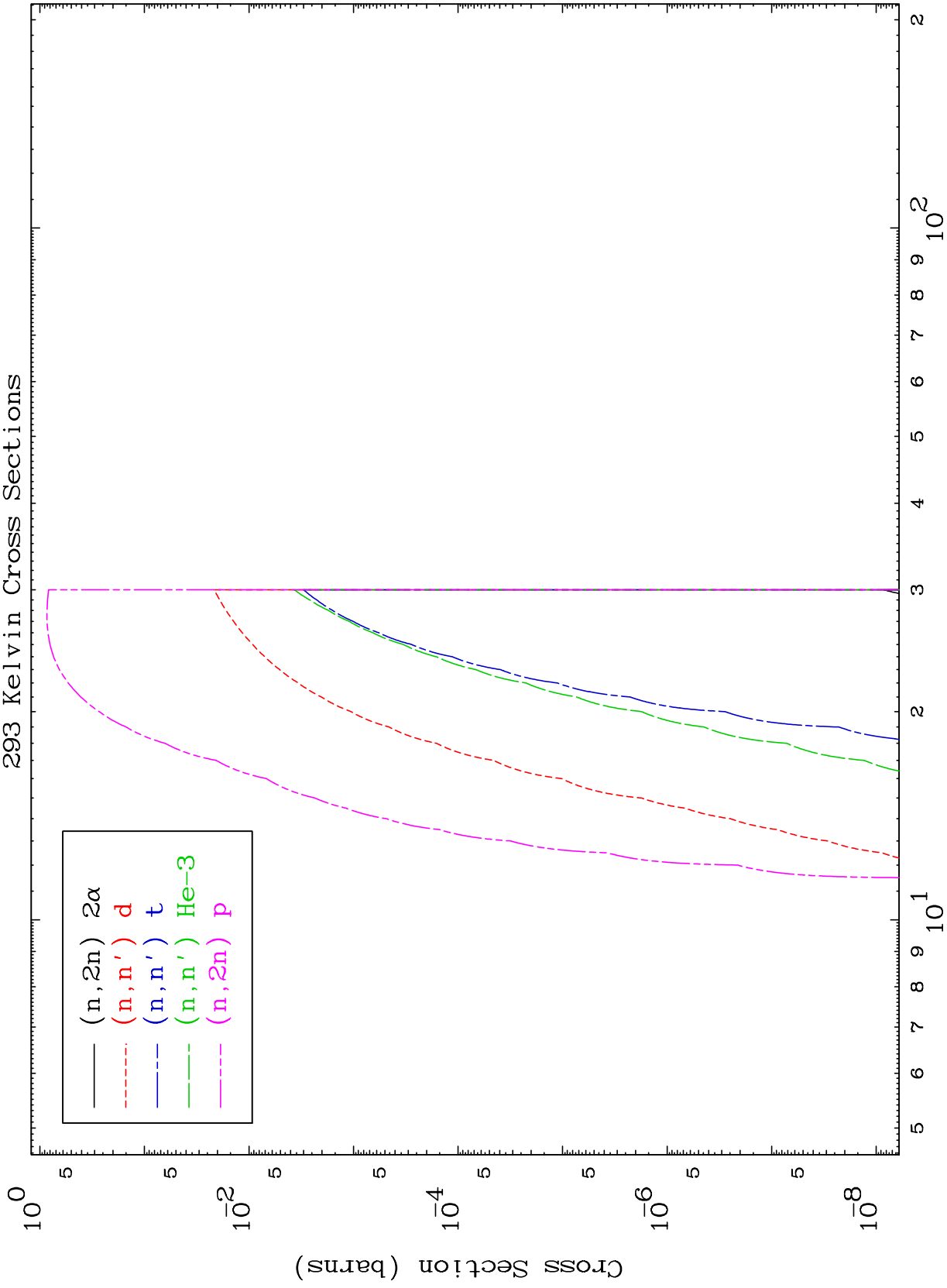
Incident Energy (MeV)

67-Ho-150

MAT 6681

Neutron Production
293 Kelvin Cross Sections

67-Ho-150



3

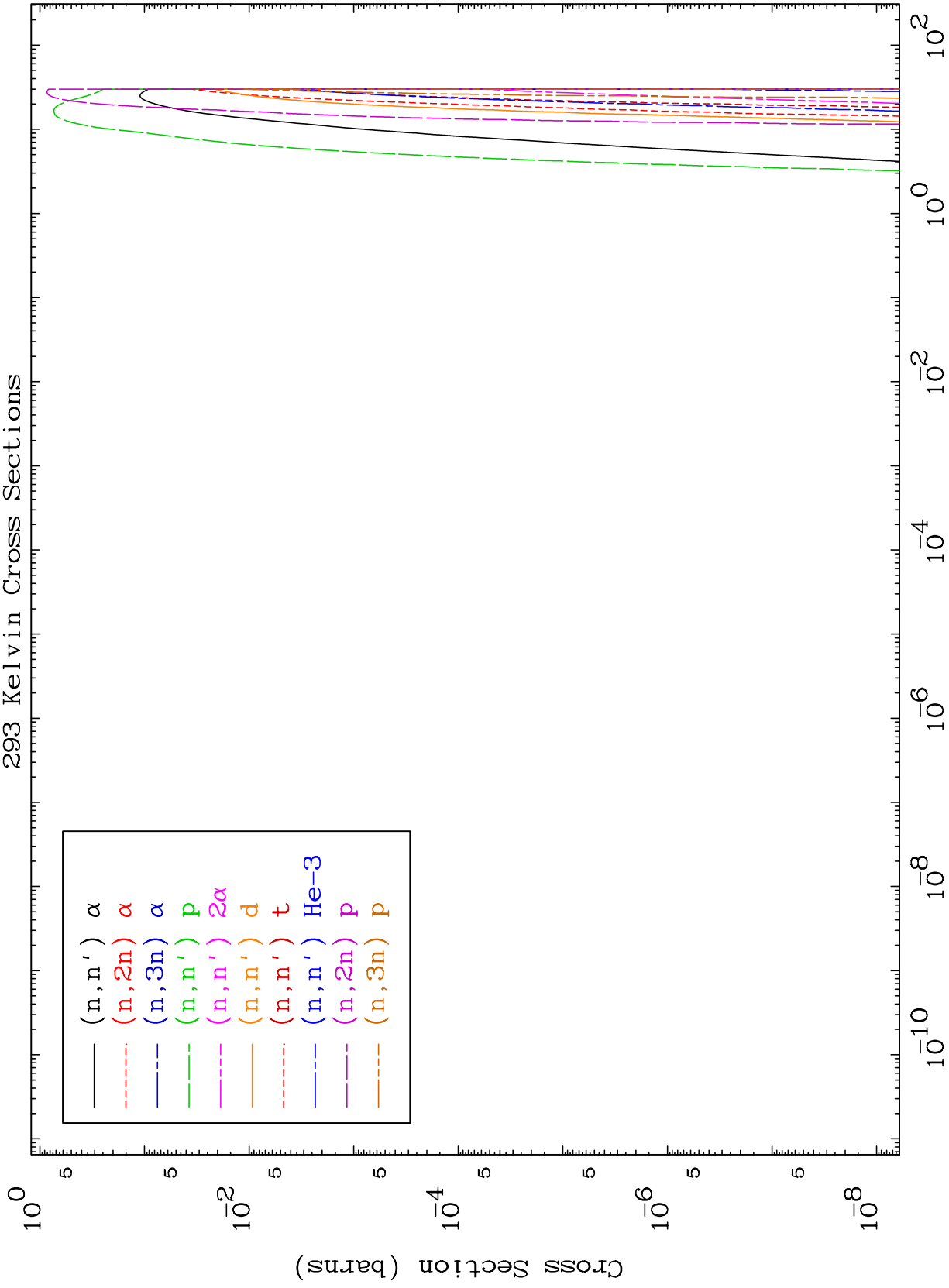
Incident Energy (MeV)

67-Ho-150

MAT 6681

293 Kelvin Cross Sections

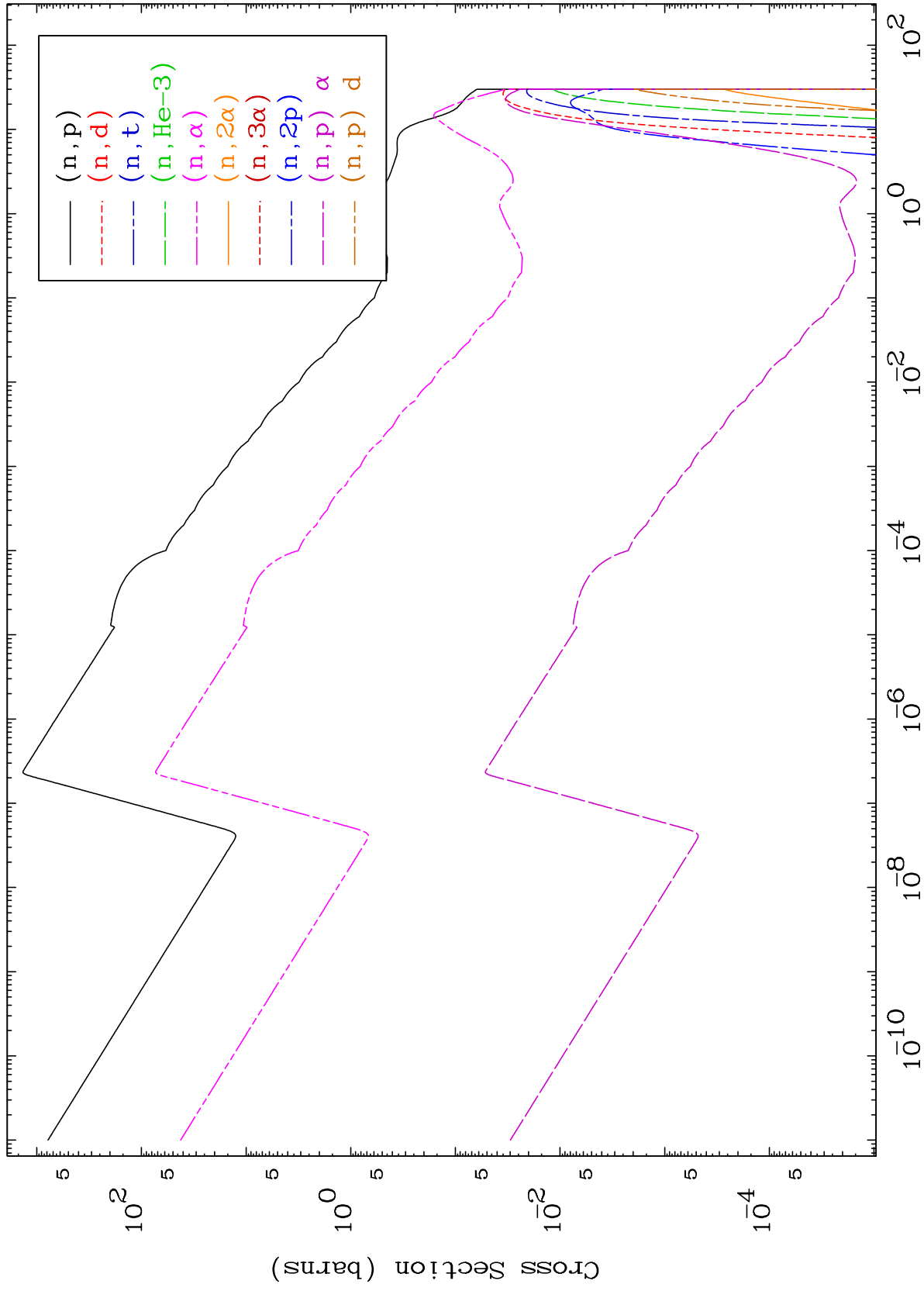
67-Ho-150



MAT 6681

Charged Particle
293 Kelvin Cross Sections

67-Ho-150



5

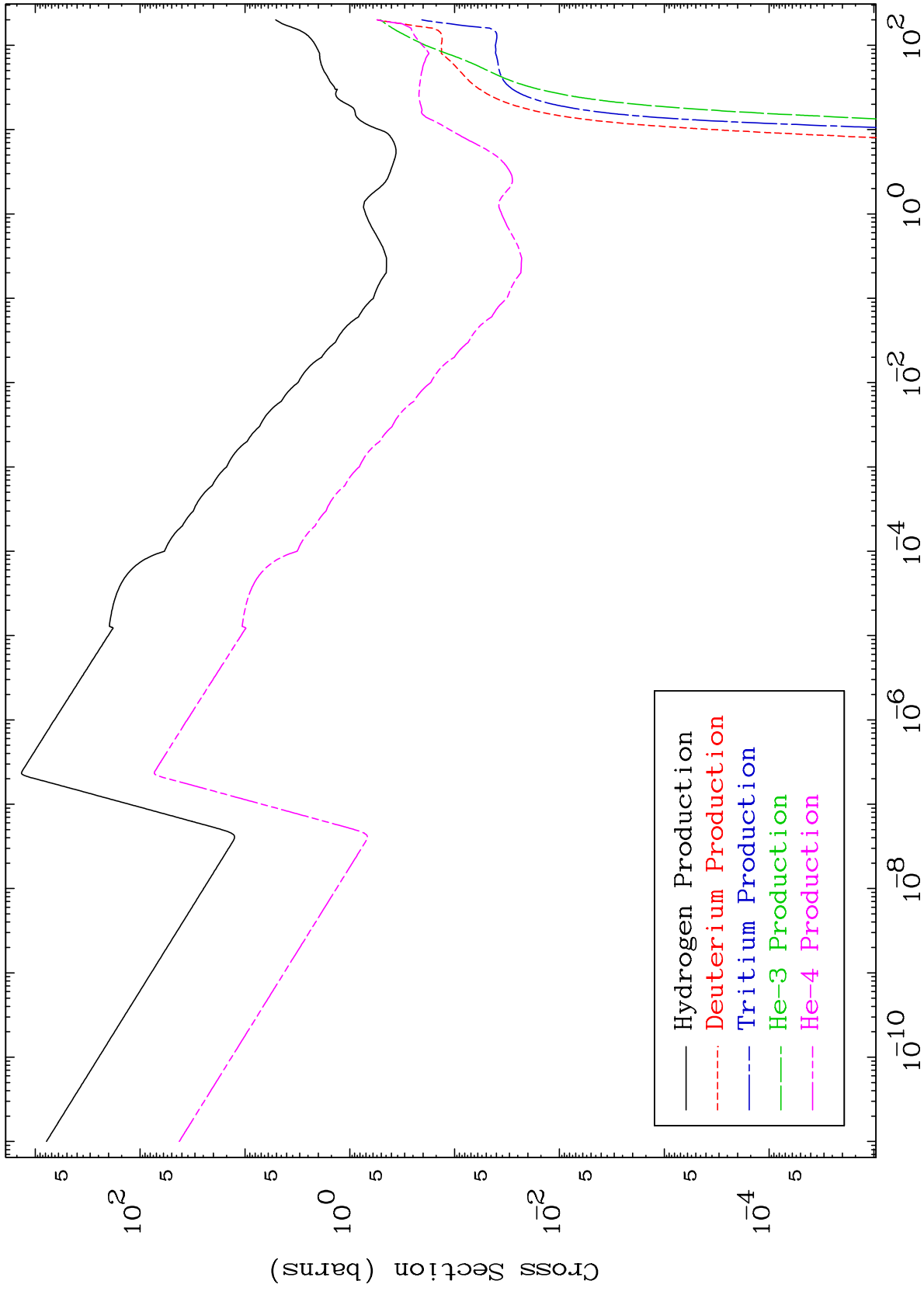
Incident Energy (MeV)

67-Ho-150

MAT 6681

Particle Production
293 Kelvin Cross Sections

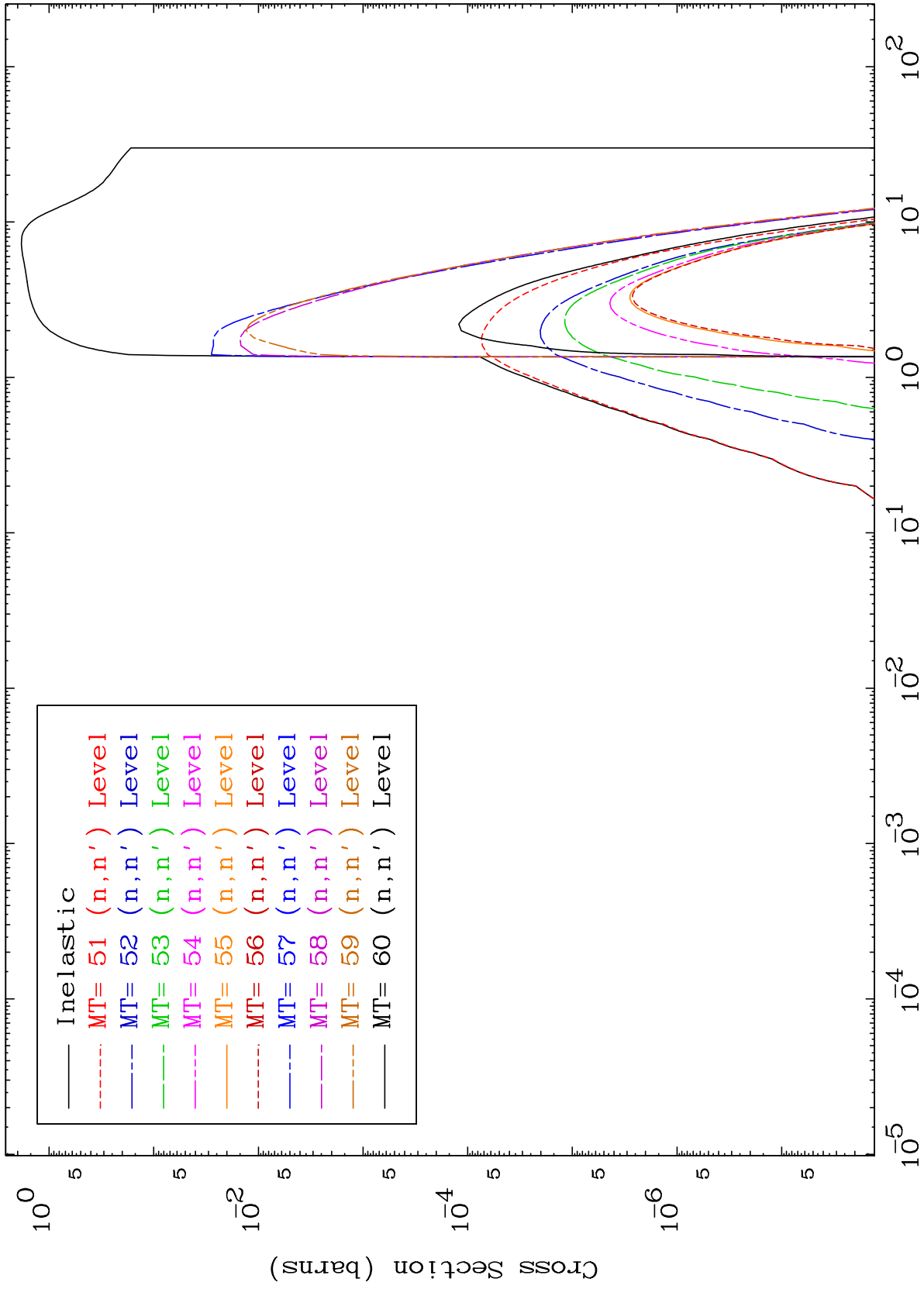
67-Ho-150



MAT 6681

293 Kelvin Cross Sections
(n,n') Level

67-Ho-150

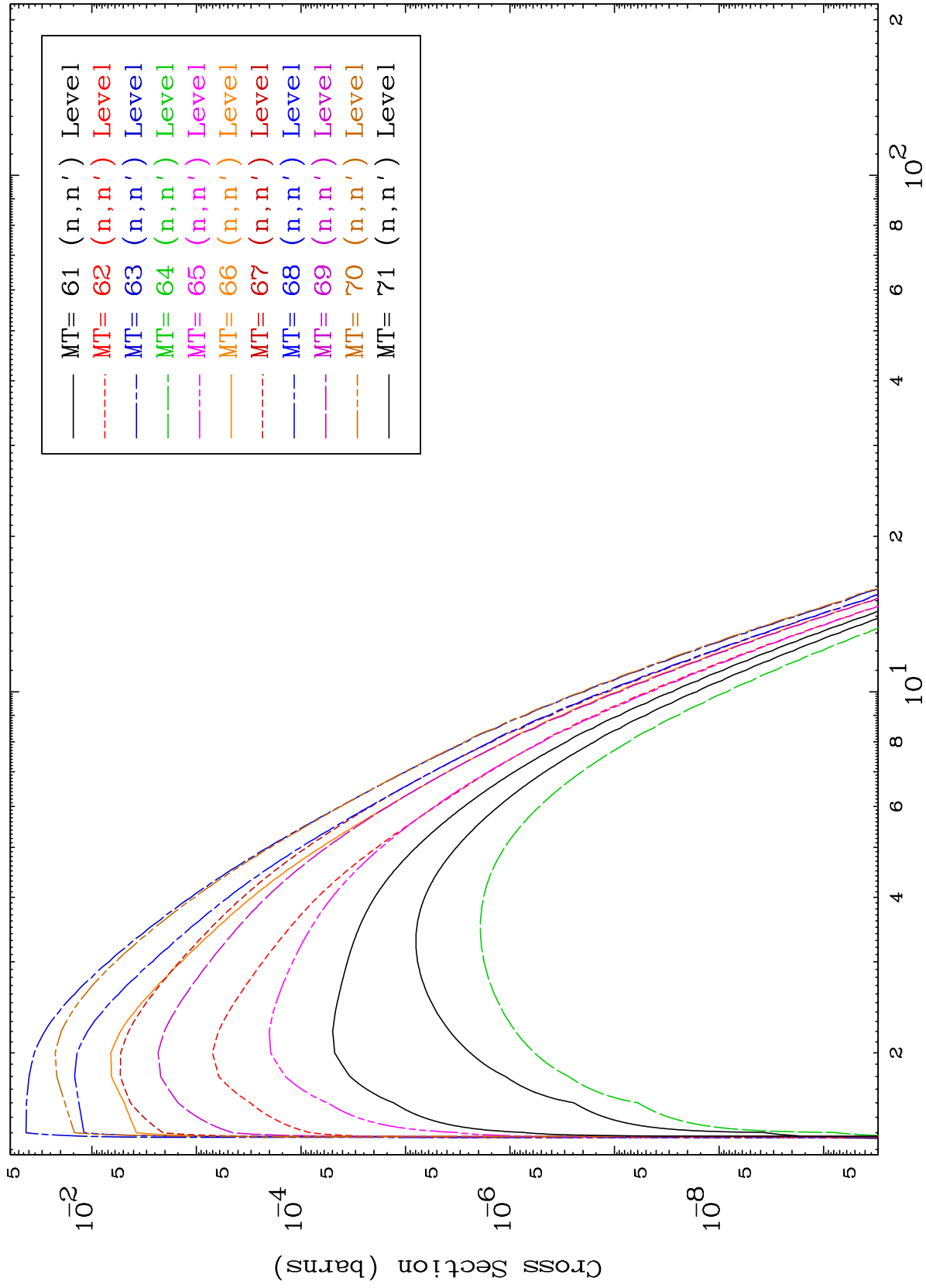


7

MAT 6681

(n,n') Level
293 Kelvin Cross Sections

67-Ho-150



8

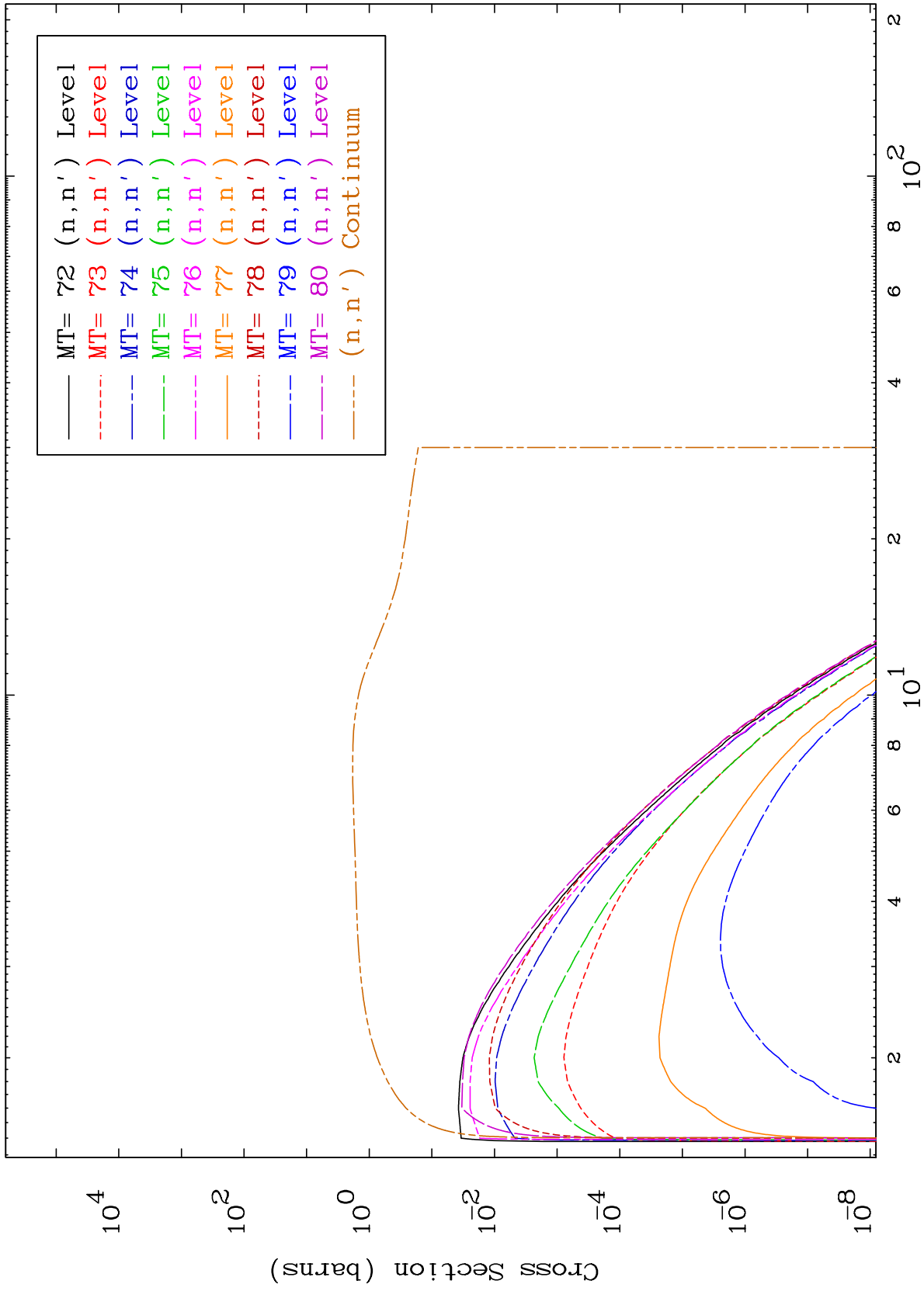
Incident Energy (MeV)

67-Ho-150

MAT 6681

(n,n') Level
293 Kelvin Cross Sections

67-Ho-150



9

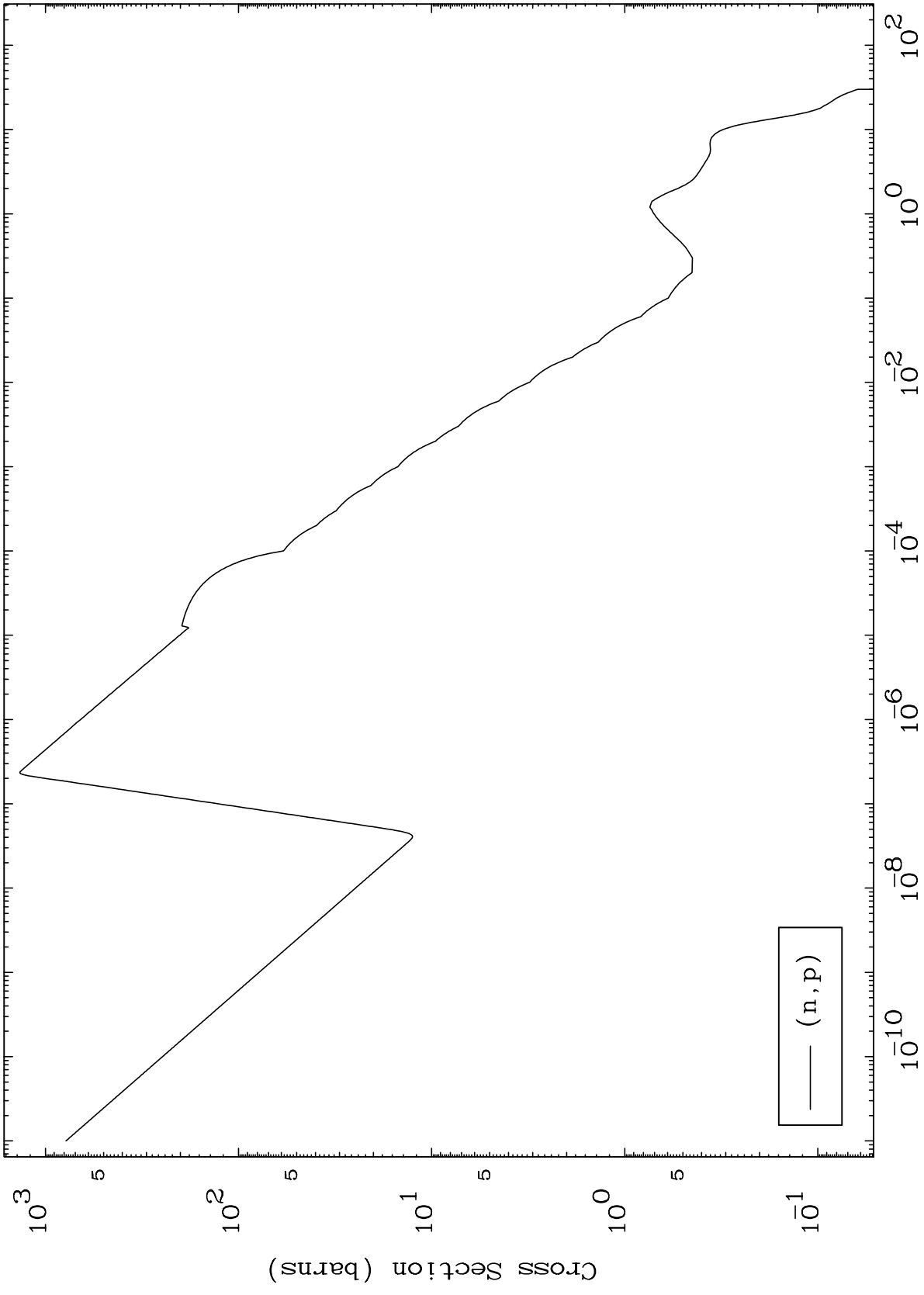
Incident Energy (MeV)

67-Ho-150

MAT 6681

(n,p) Levels
293 Kelvin Cross Sections

67-Ho-150



10

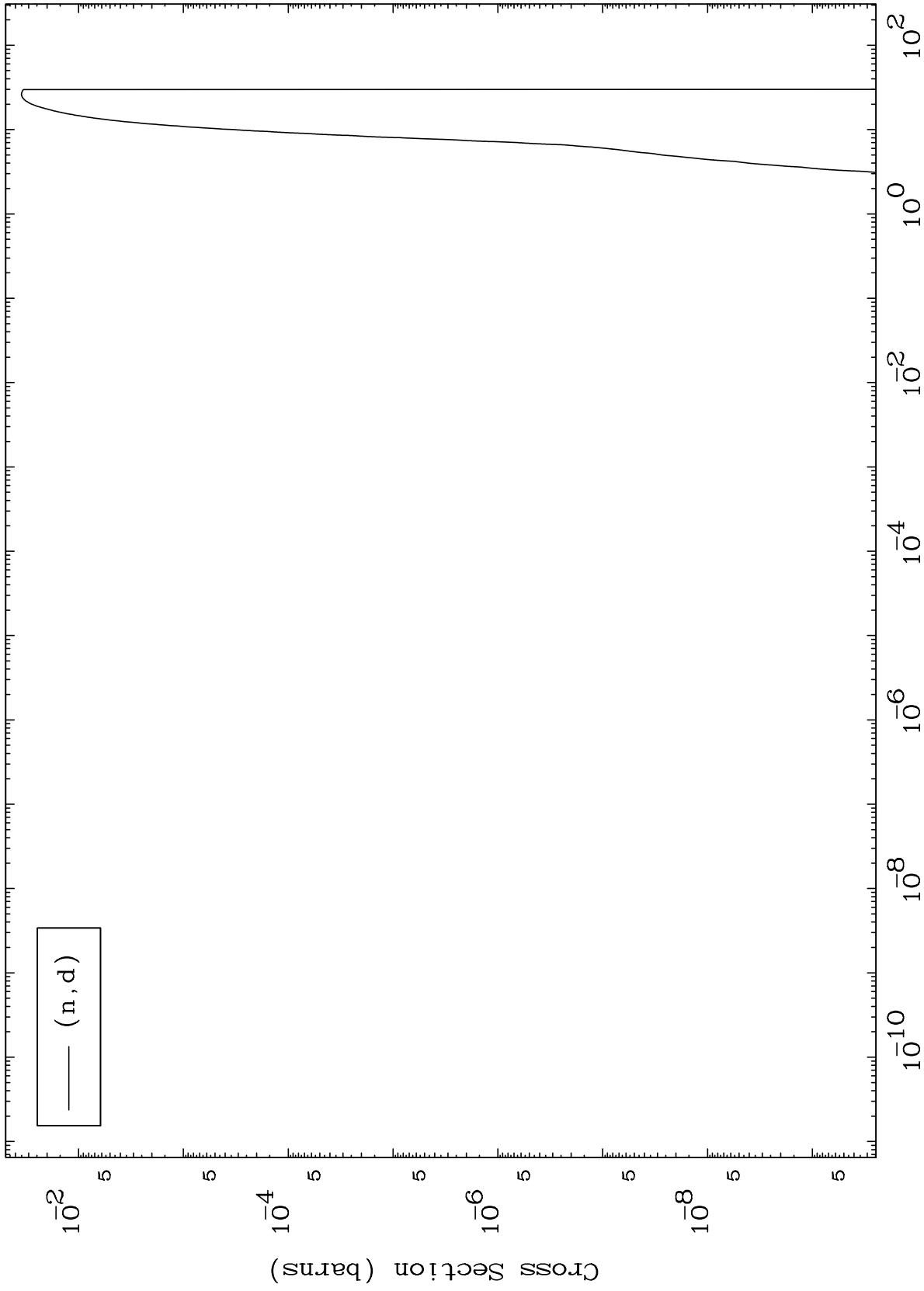
Incident Energy (MeV)

67-Ho-150

MAT 6681

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-150



11

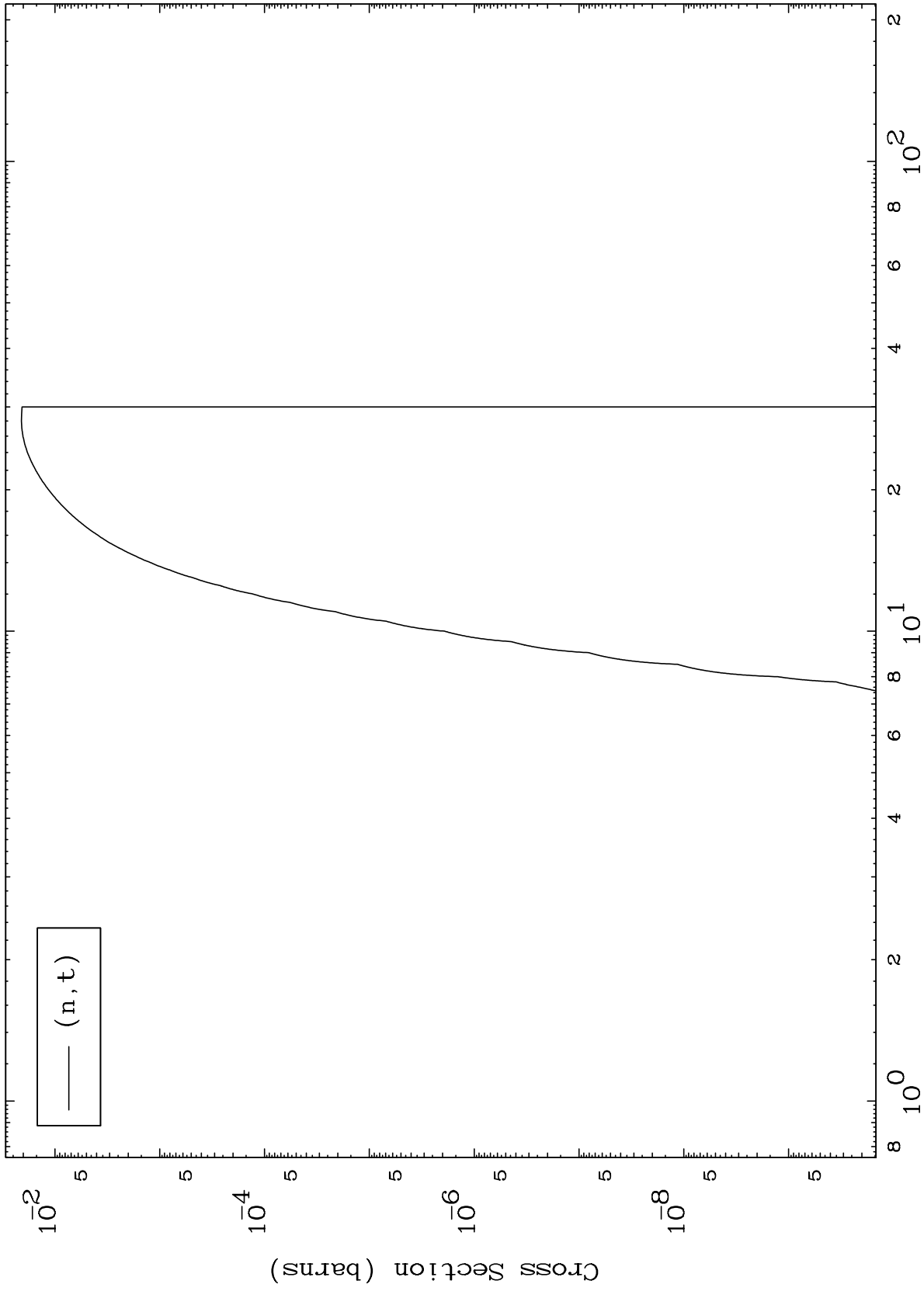
Incident Energy (MeV)

67-Ho-150

MAT 6681

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-150



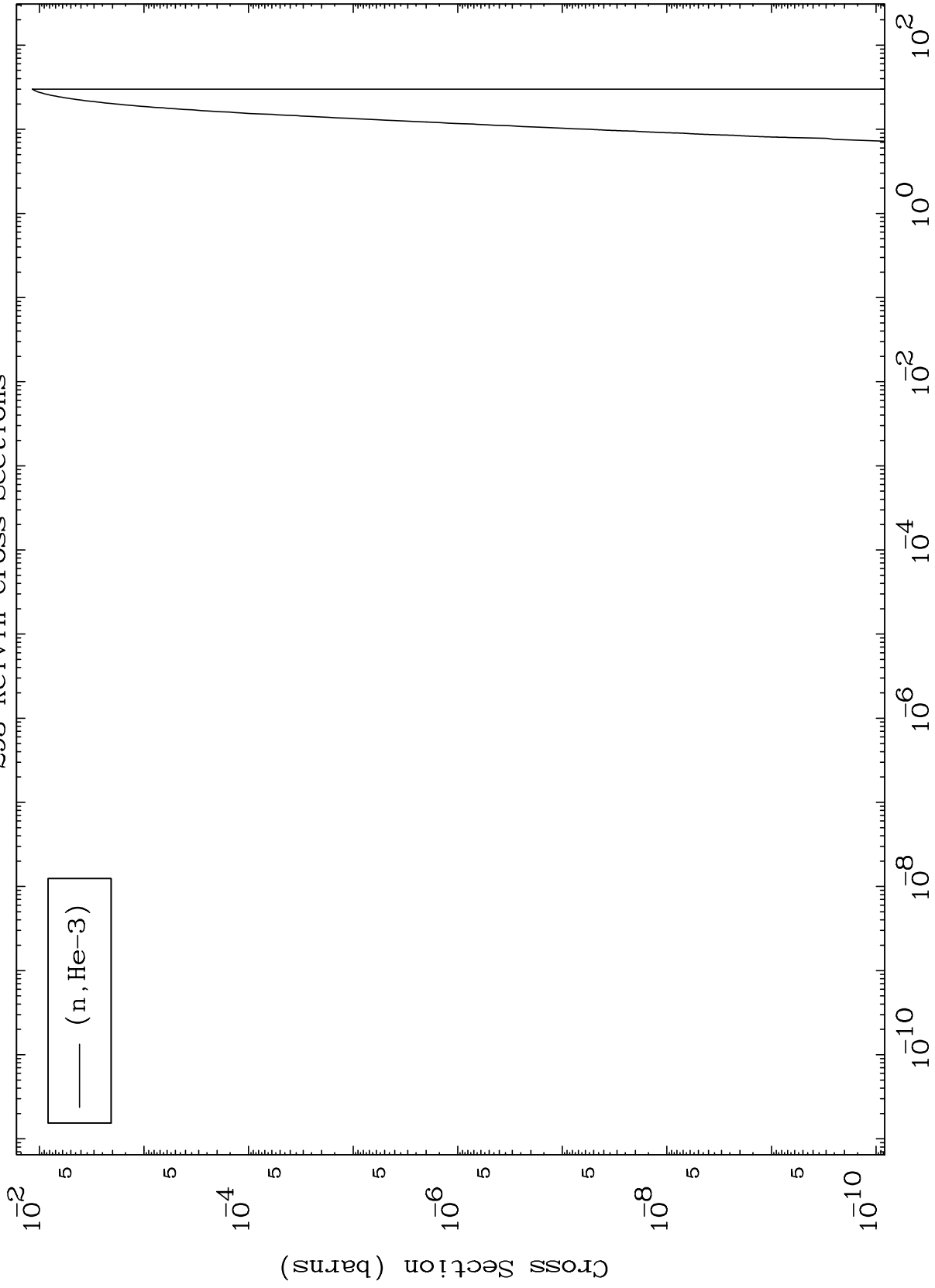
12

67-Ho-150

MAT 6681

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-150



13

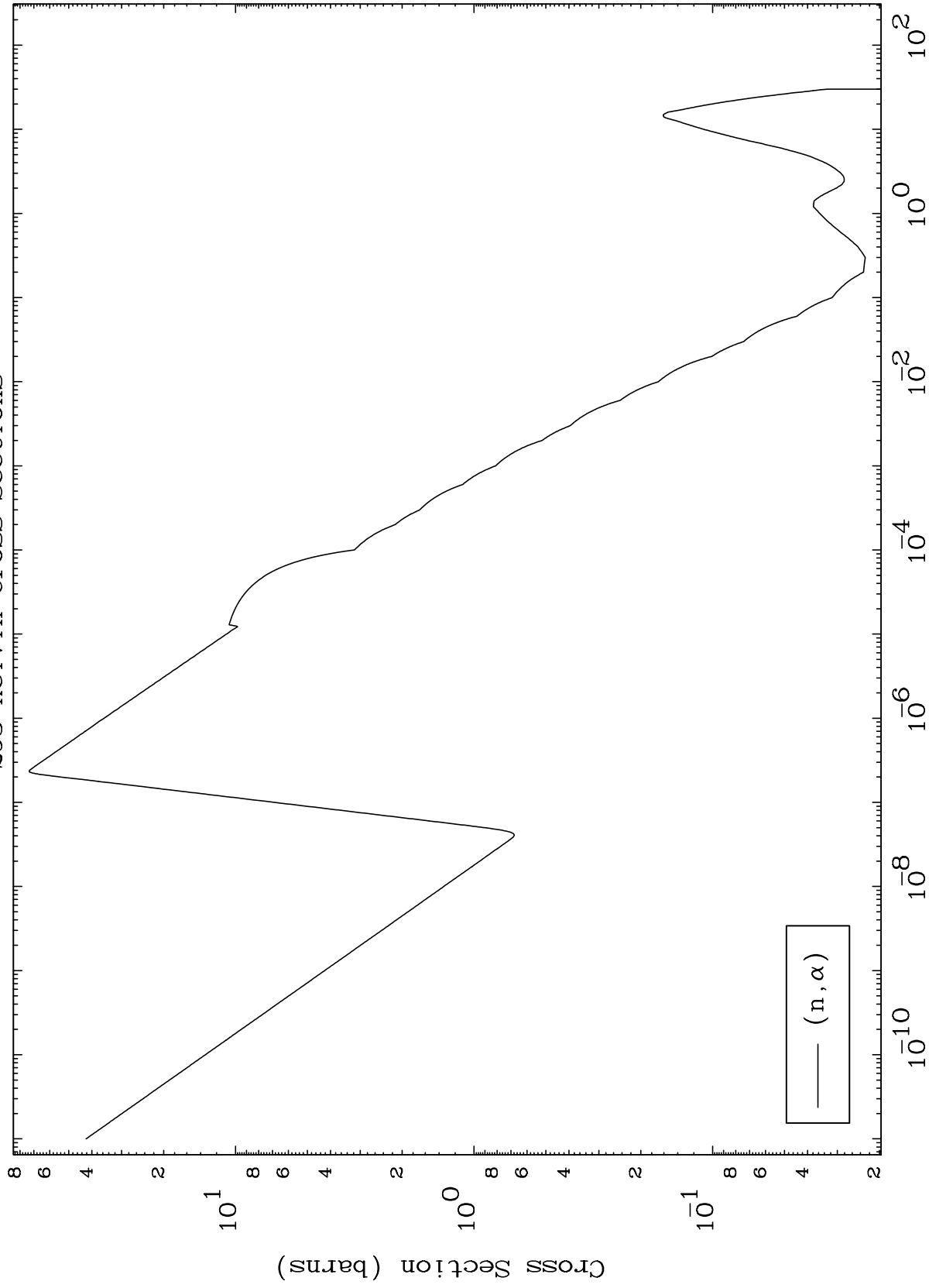
Incident Energy (MeV)

67-Ho-150

MAT 6681

(n,α) Levels
293 Kelvin Cross Sections

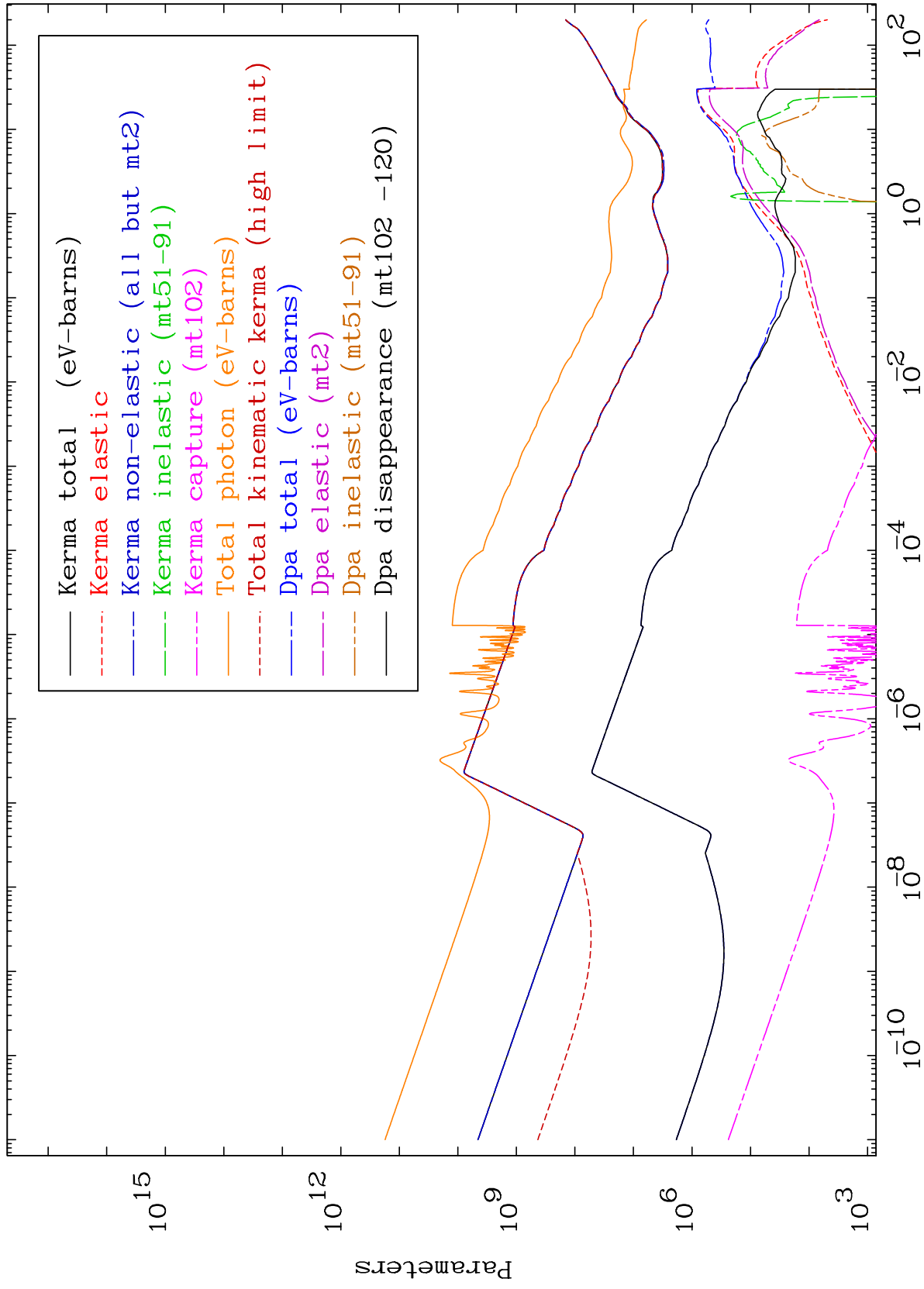
67-Ho-150

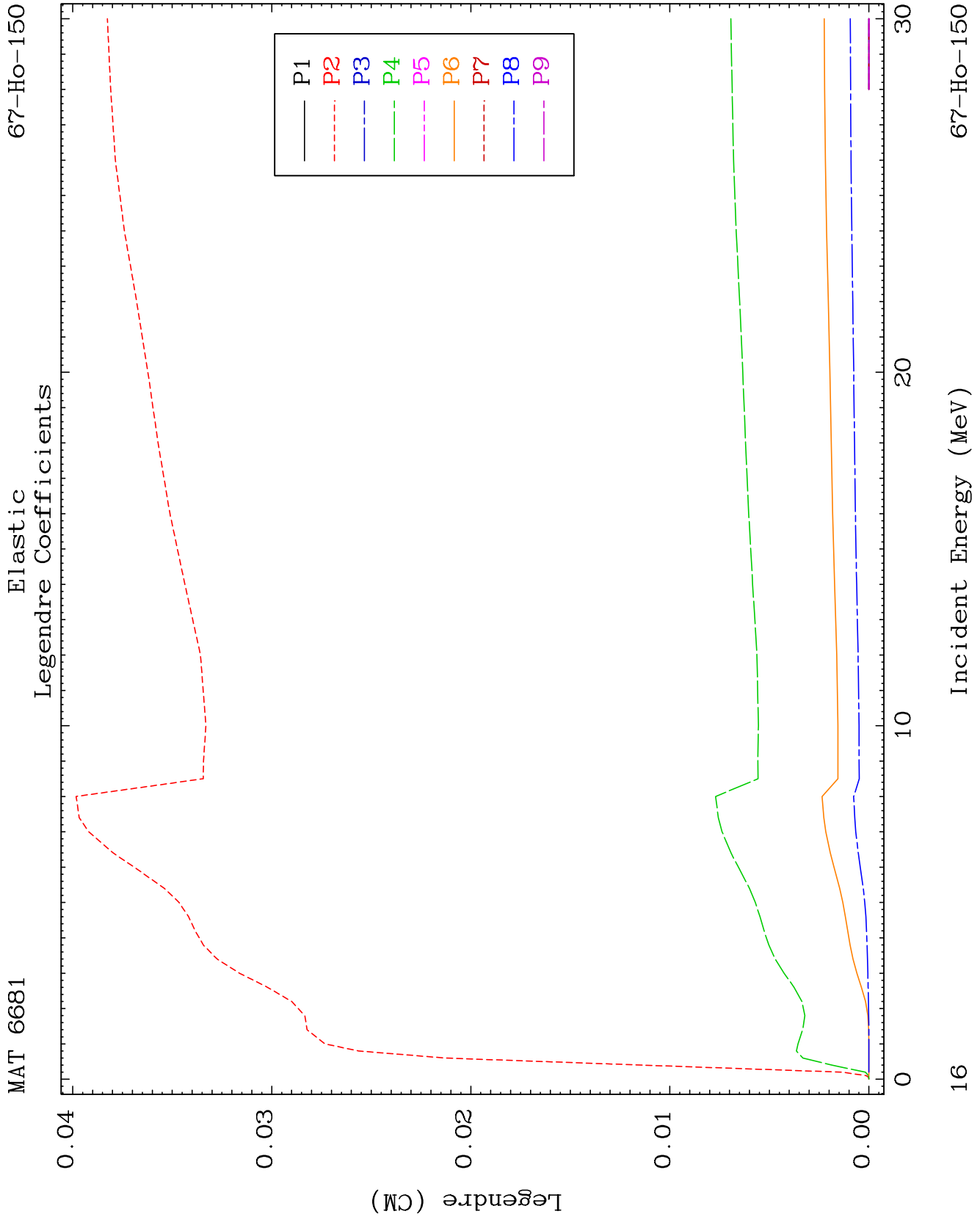


14

Incident Energy (MeV)

67-Ho-150

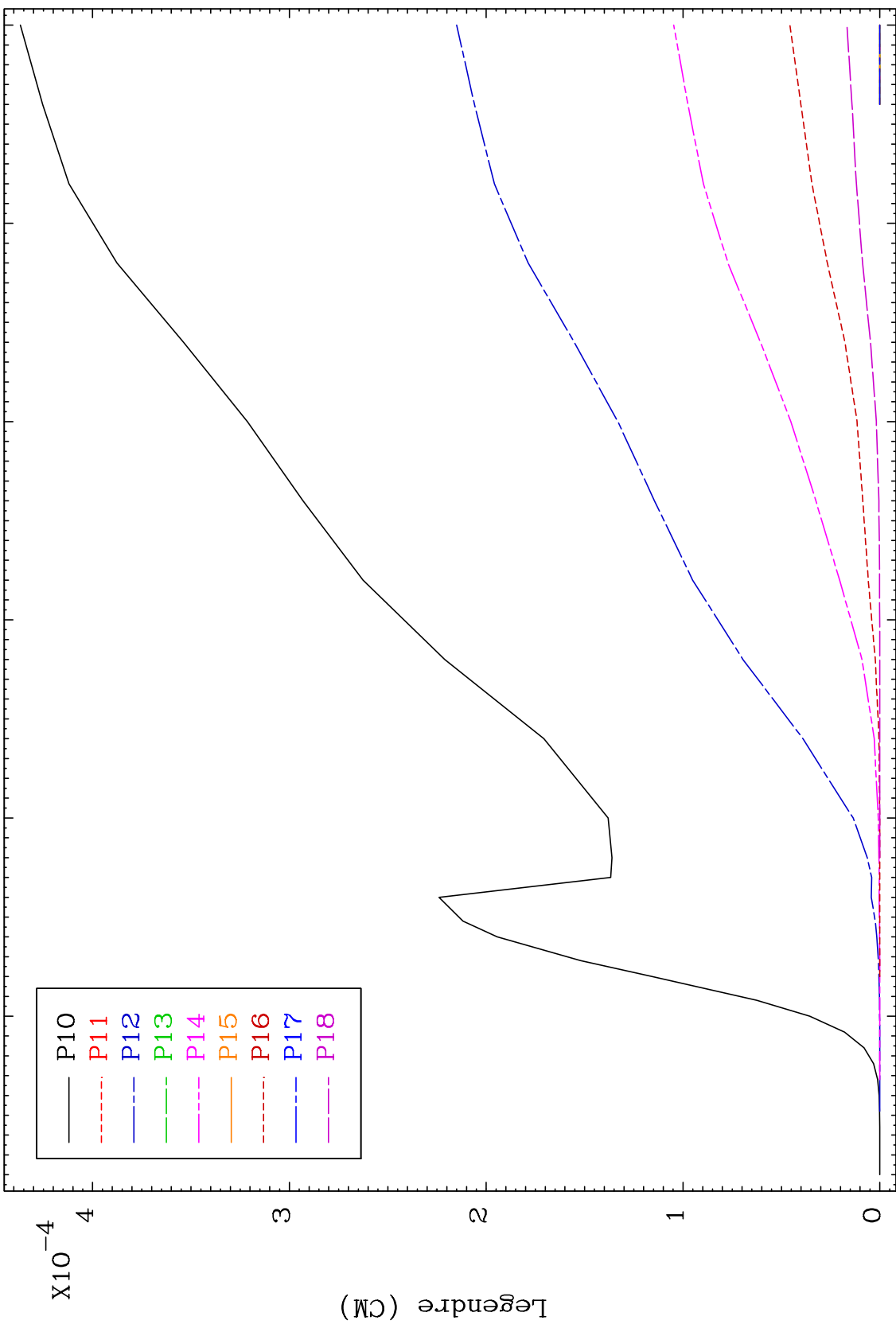




MAT 6681

Elastic Legendre Coefficients

67-Ho-150



10^{-4}

Legendre (CM)

17

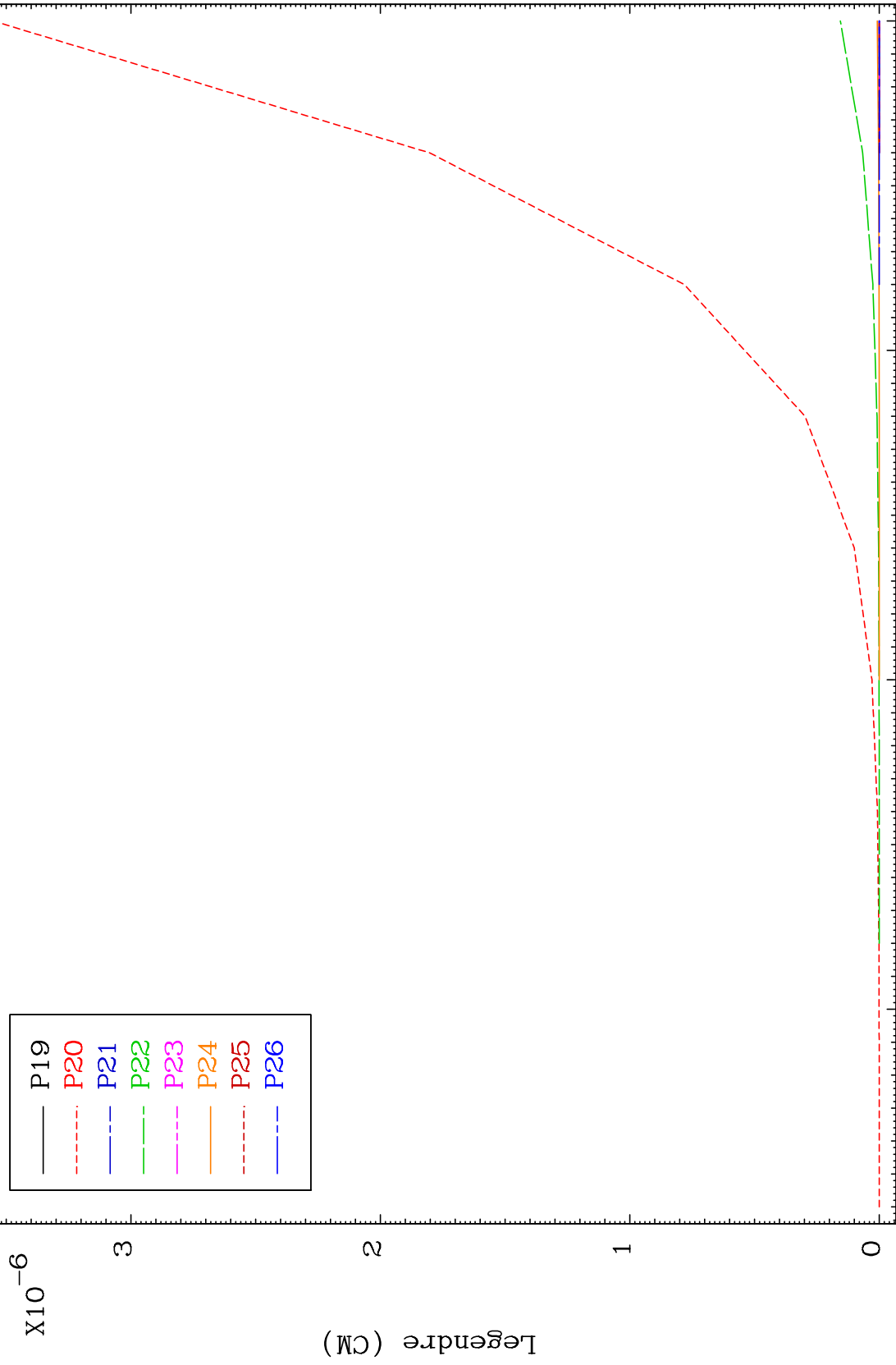
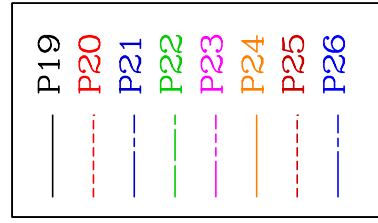
Incident Energy (MeV)

67-Ho-150

MAT 6681

Elastic Legendre Coefficients

67-Ho-150



18

Incident Energy (MeV)

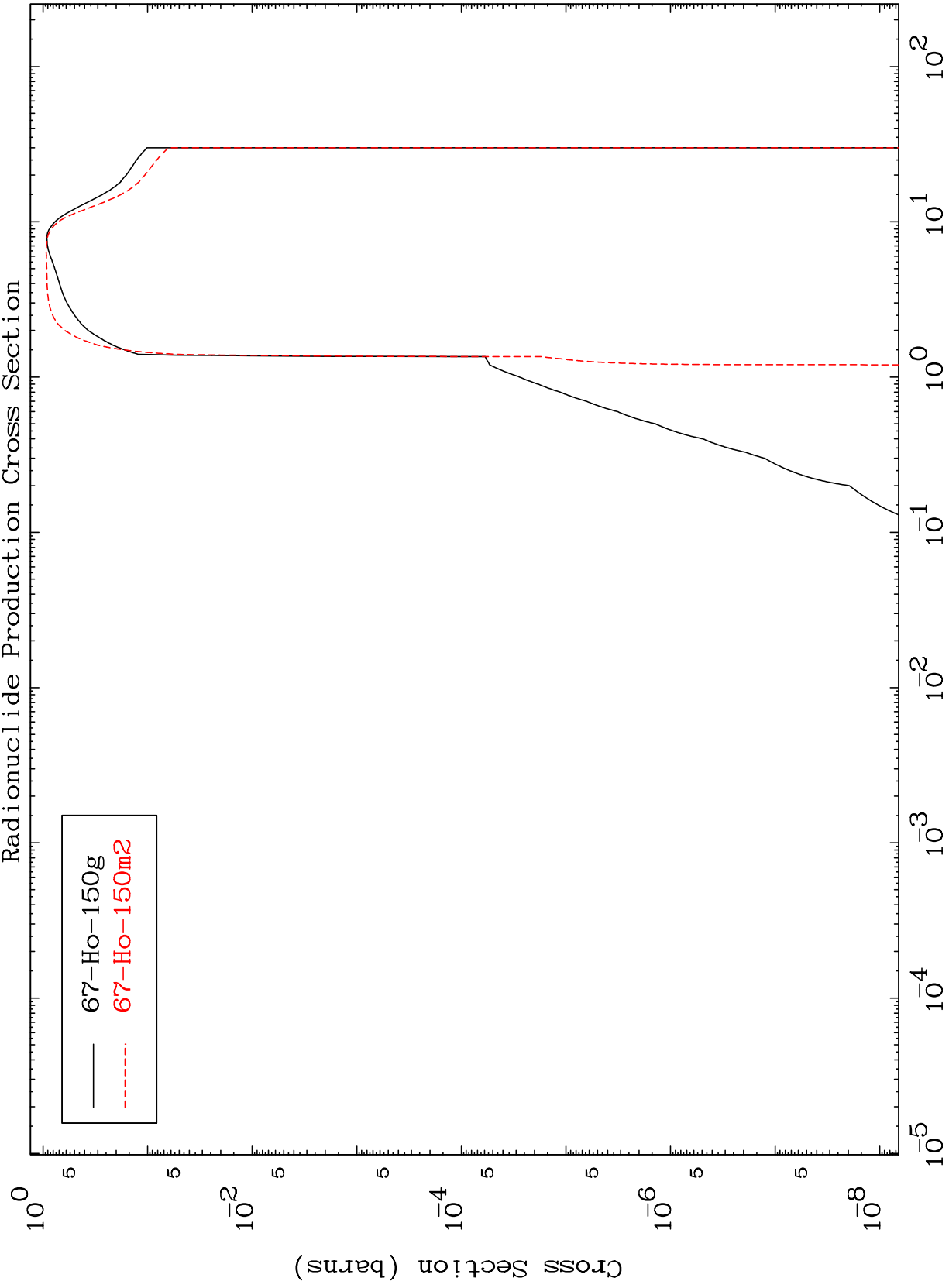
67-Ho-150

MAT 6681

Inelastic

Radionuclide Production Cross Section

⁶⁷Ho-150



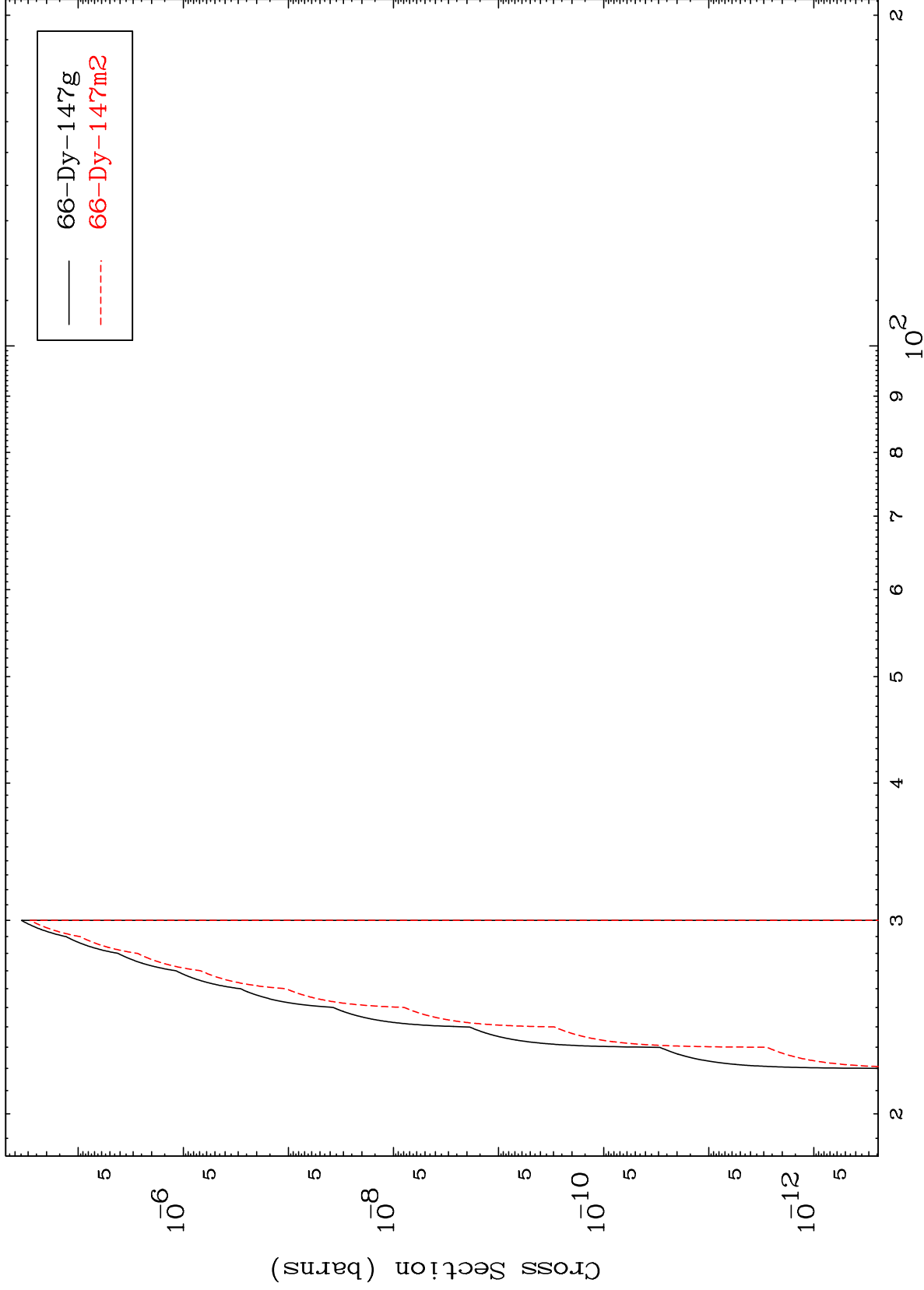
67-Ho-150g
67-Ho-150m2

MAT 6681

(n,2n) d

67-Ho-150

Radionuclide Production Cross Section



20

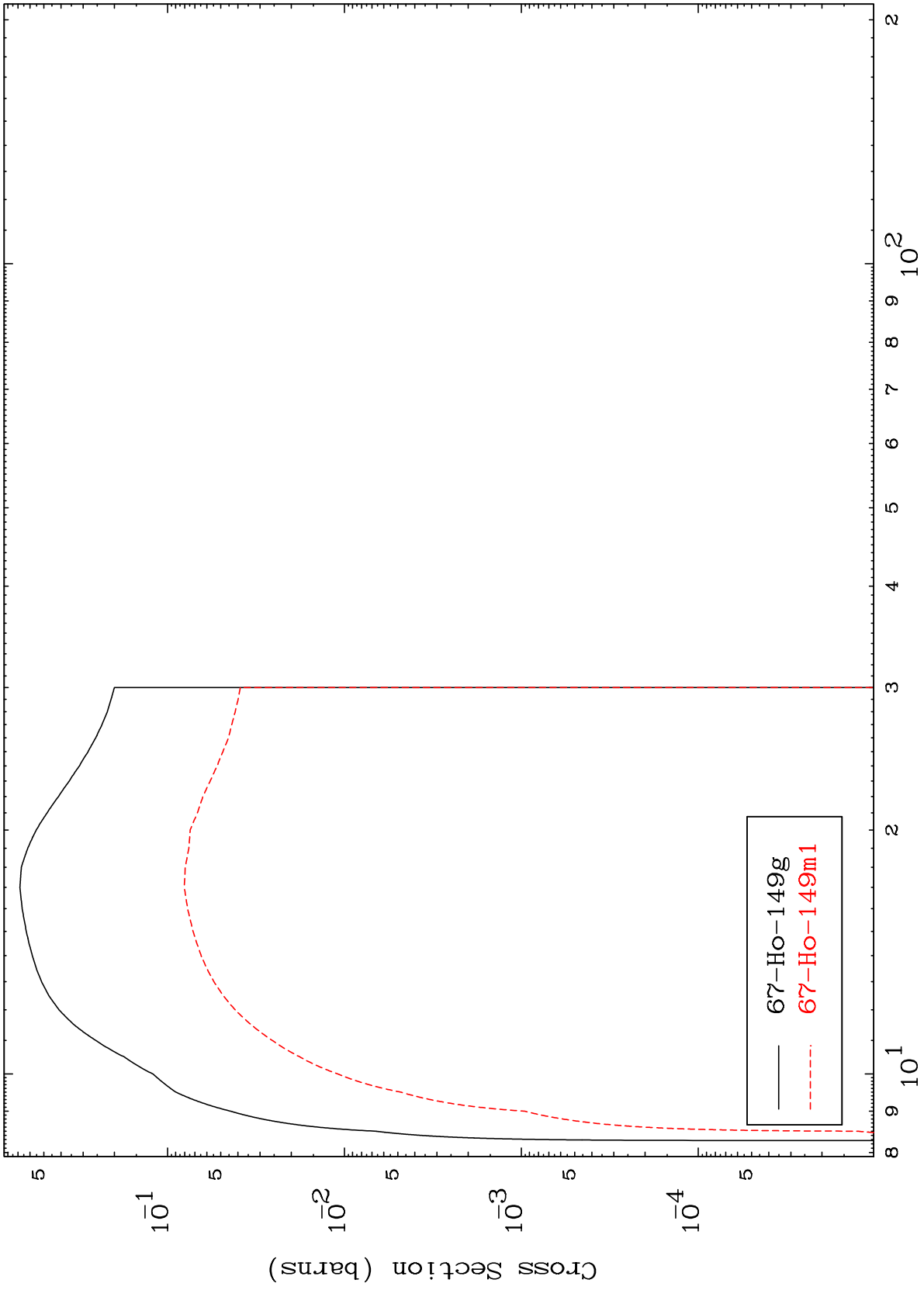
Incident Energy (MeV)

67-Ho-150

MAT 6681

67-Ho-150

(n,2n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

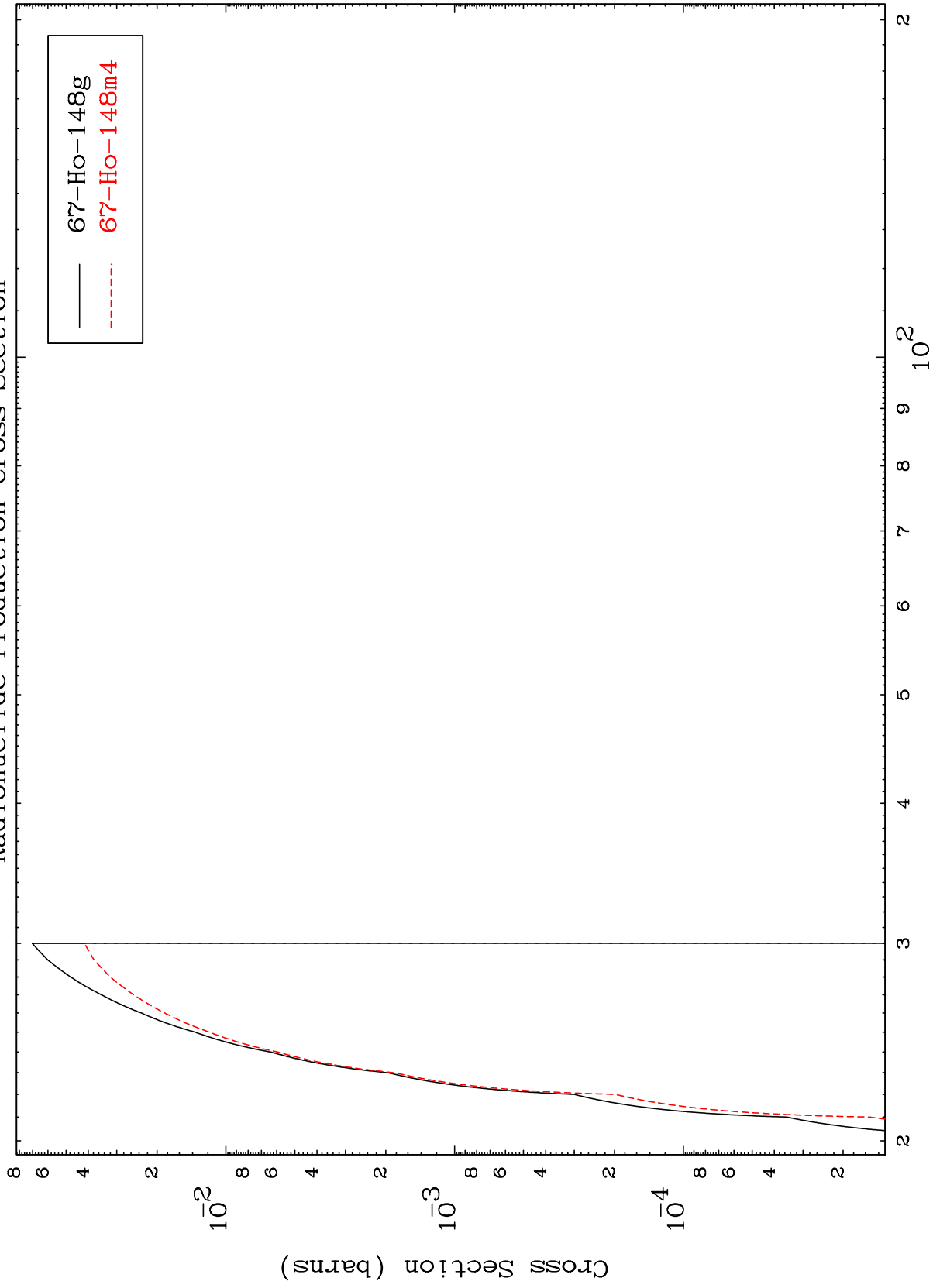
67-Ho-150

MAT 6681

(n,3n)

67-Ho-150

Radionuclide Production Cross Section



22

Incident Energy (MeV)

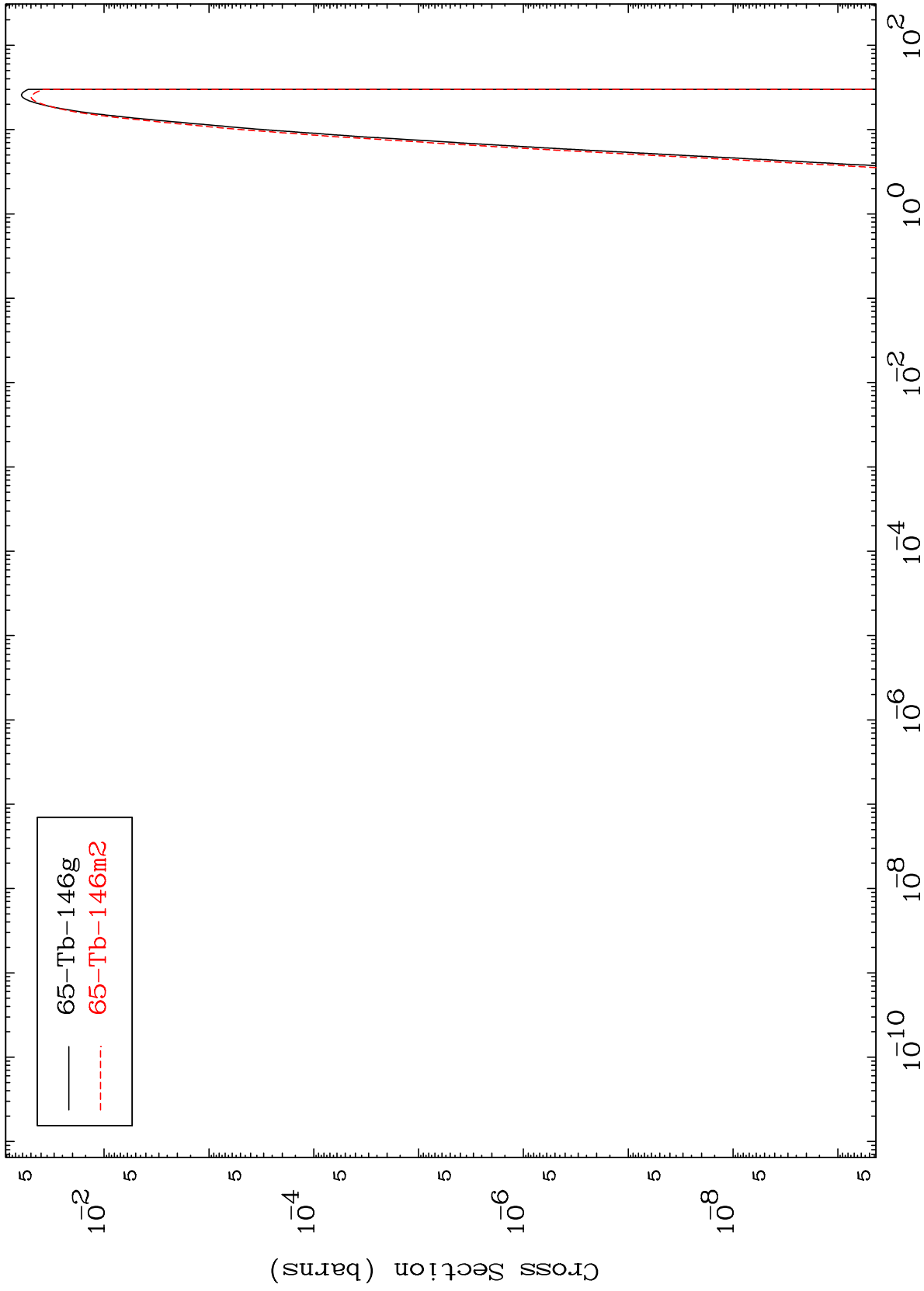
67-Ho-150

MAT 6681

(n,n') α

67-Ho-150

Radionuclide Production Cross Section

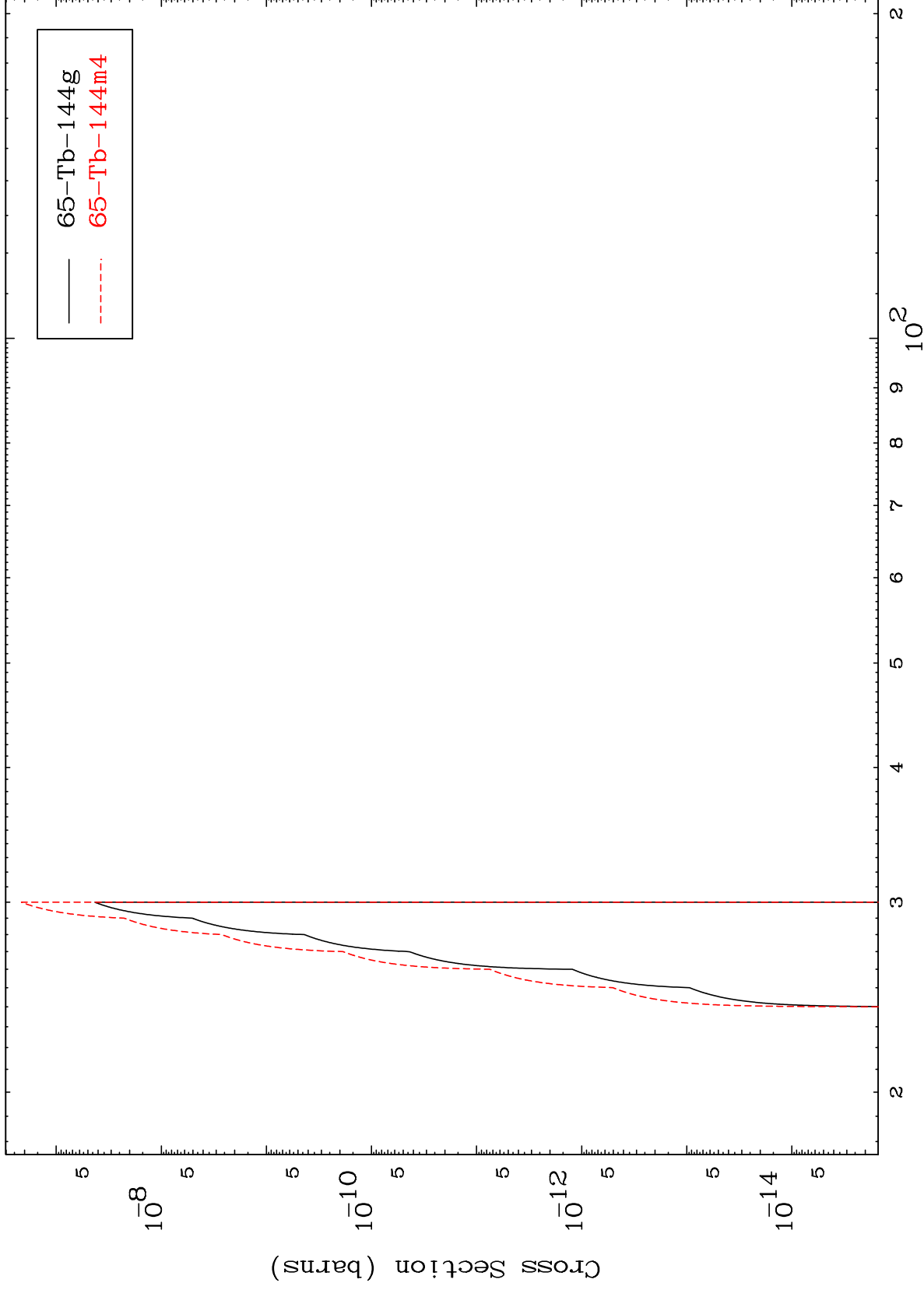


MAT 6681

(n,3n) α

67-Ho-150

Radionuclide Production Cross Section



24

Incident Energy (MeV)

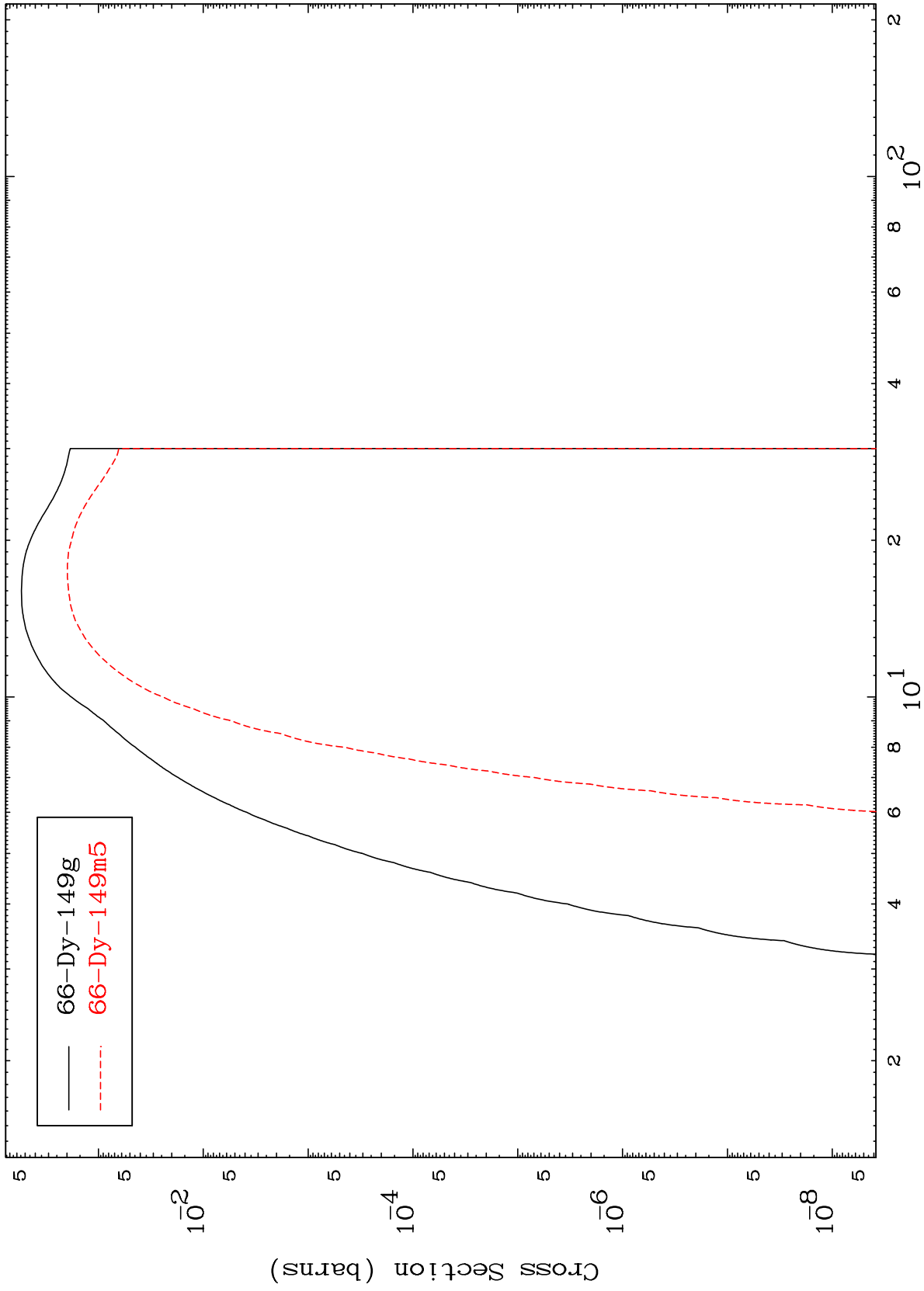
67-Ho-150

MAT 6681

(n,n') p

67-Ho-150

Radionuclide Production Cross Section



25

Incident Energy (MeV)

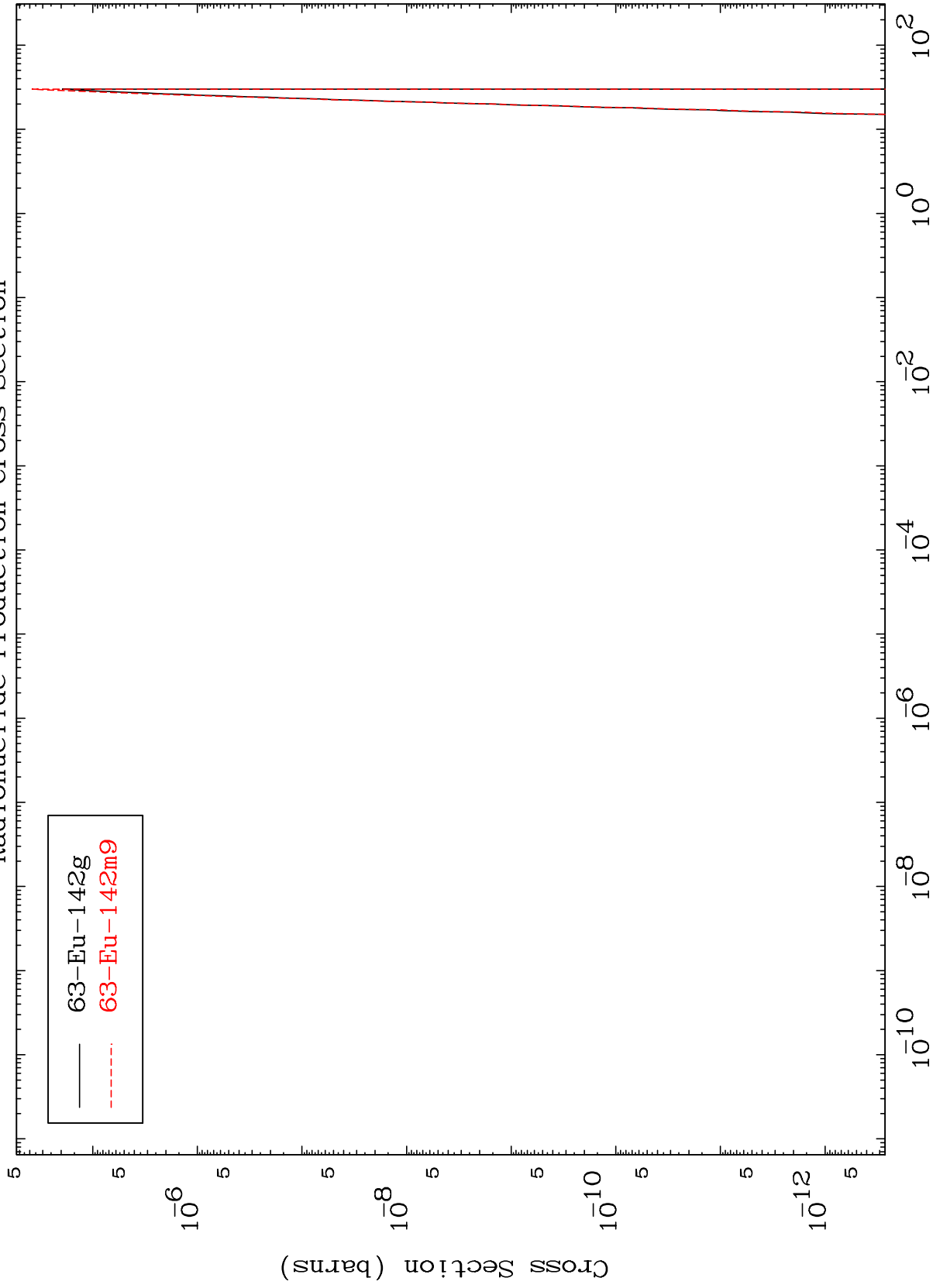
67-Ho-150

MAT 6681

(n,n') 2 α

67-Ho-150

Radionuclide Production Cross Section



26

Incident Energy (MeV)

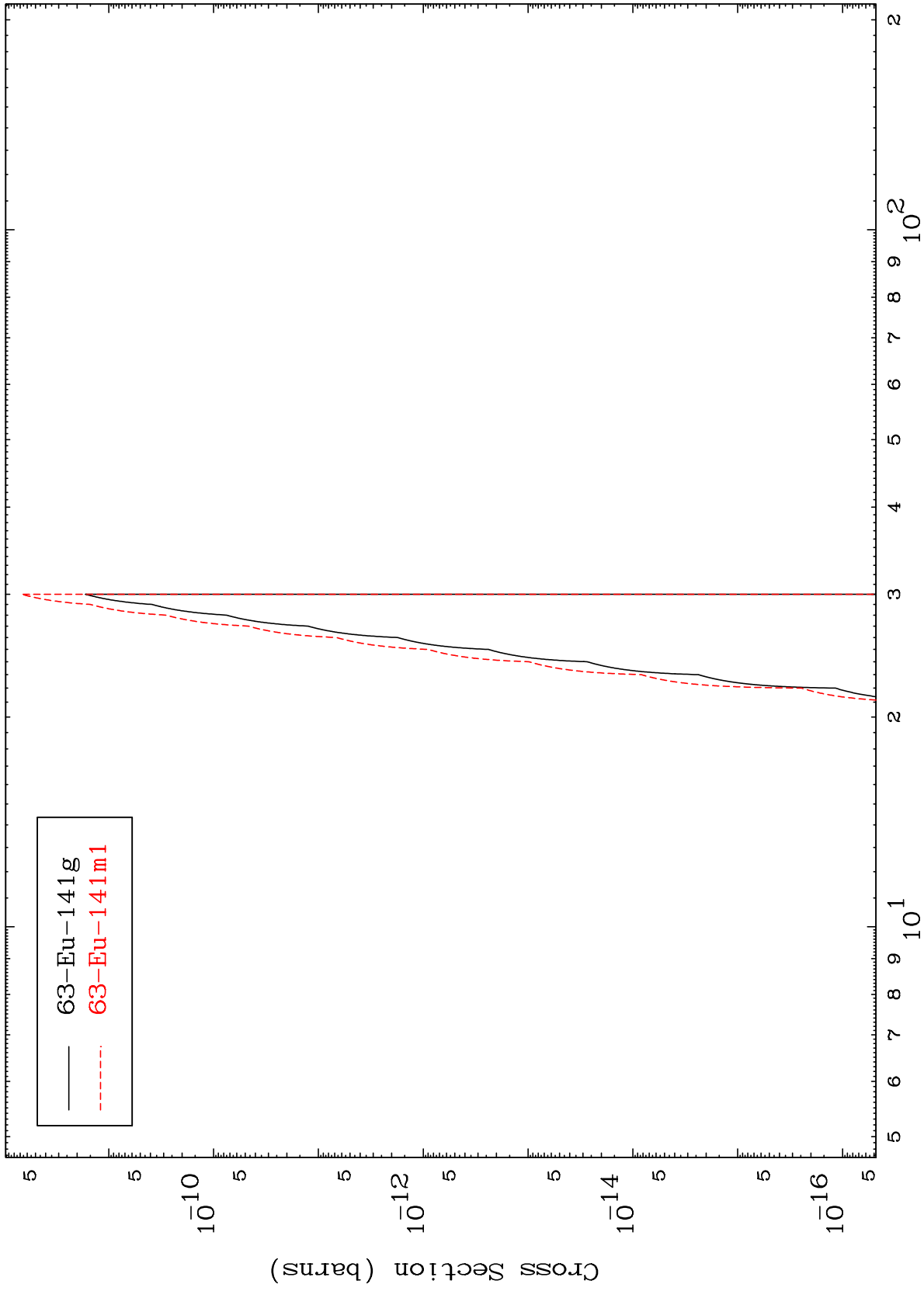
67-Ho-150

MAT 6681

$(n, 2n)$ 2α

67-Ho-150

Radionuclide Production Cross Section



27

Incident Energy (MeV)

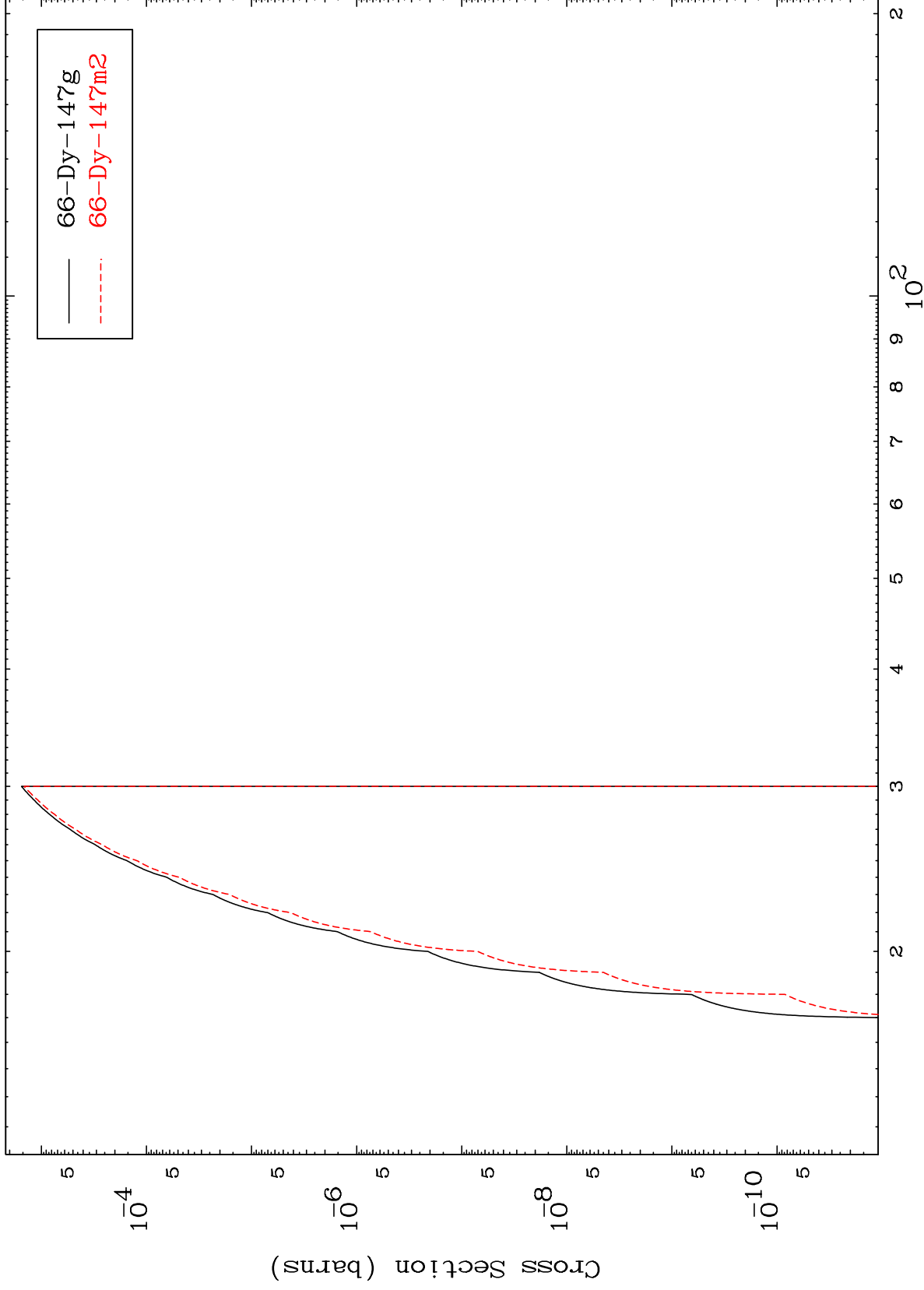
67-Ho-150

MAT 6681

(n,n') t

67-Ho-150

Radionuclide Production Cross Section



28

Incident Energy (MeV)

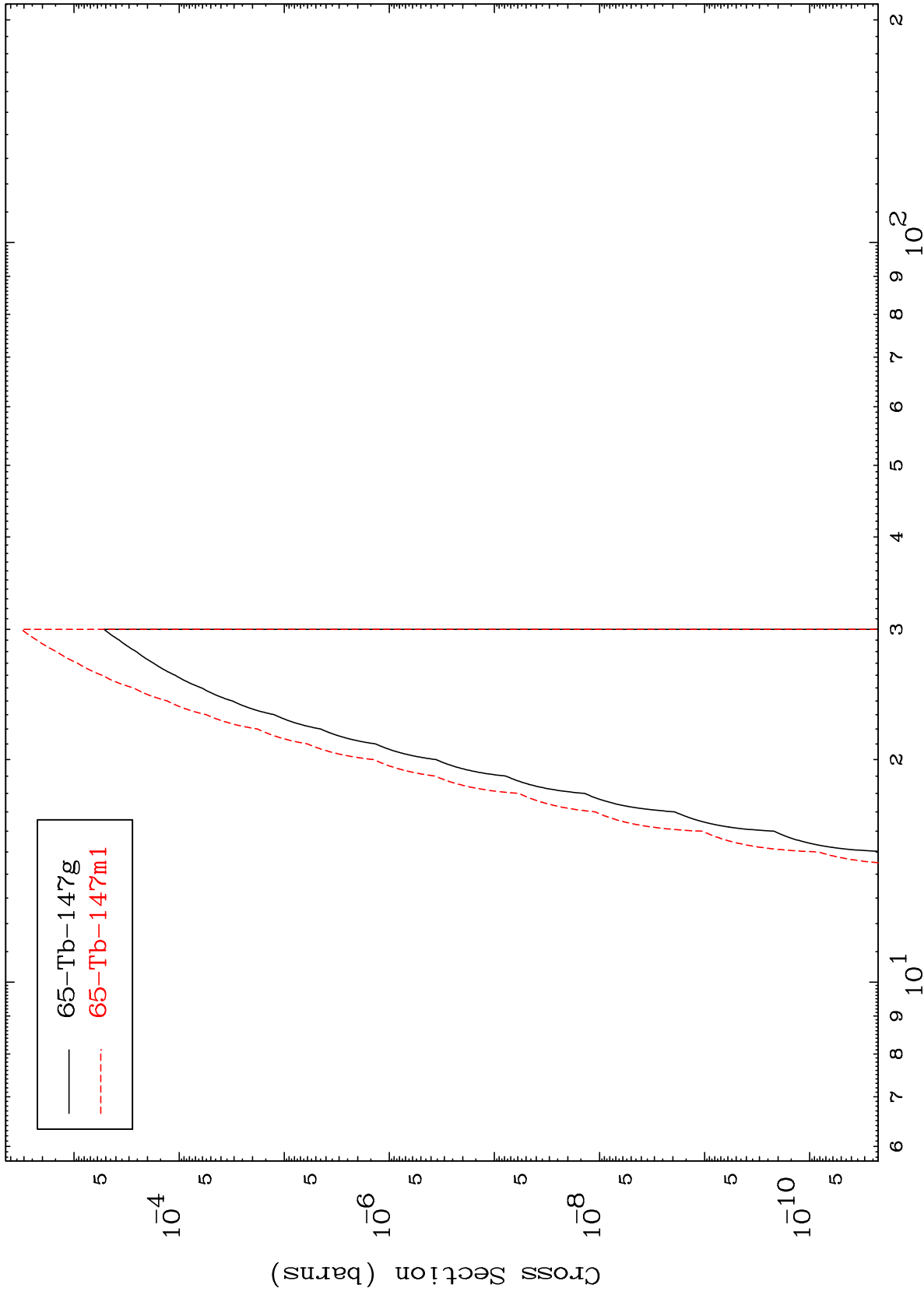
67-Ho-150

MAT 6681

(n, n') He-3

67-Ho-150

Radionuclide Production Cross Section



29

Incident Energy (MeV)

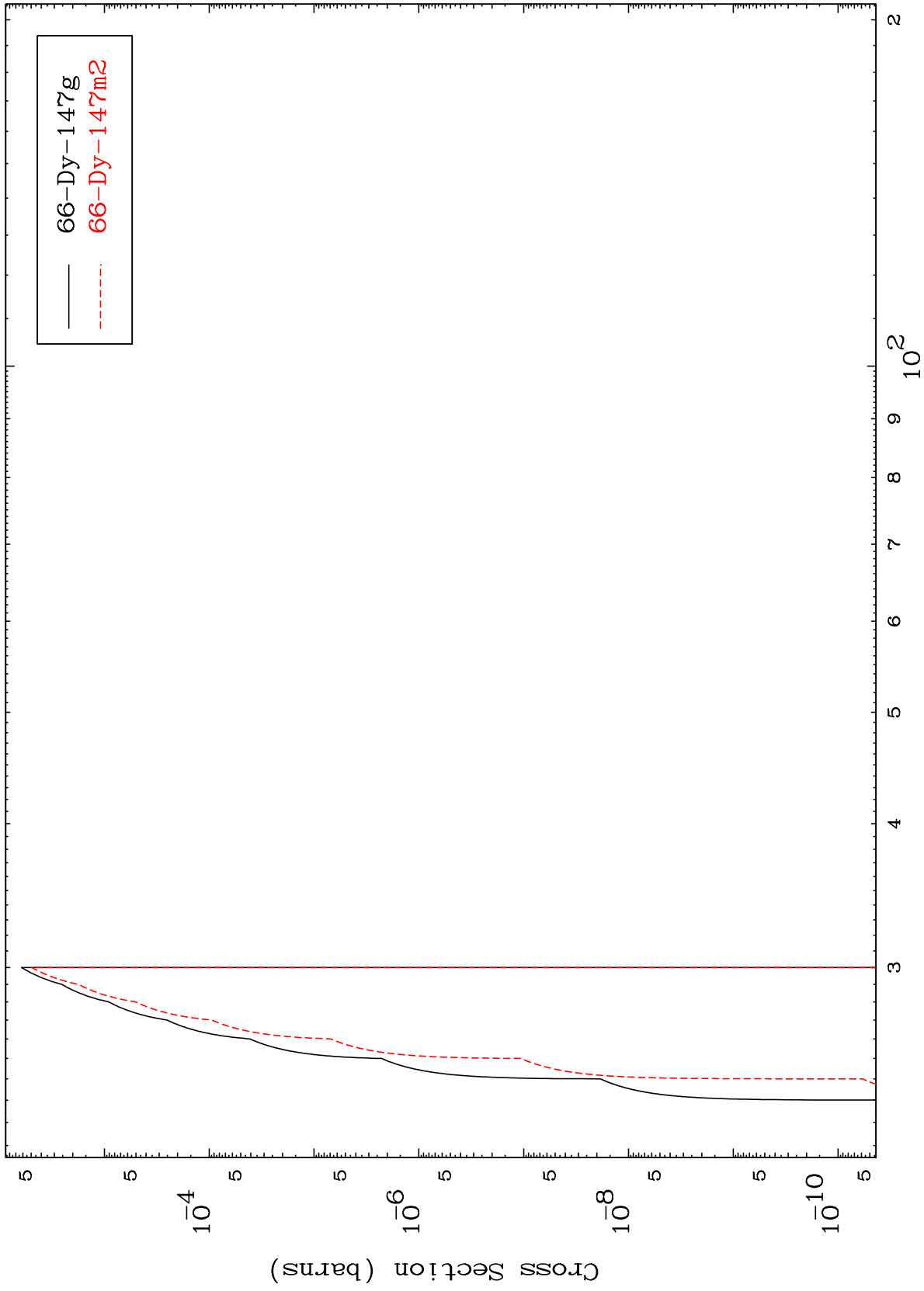
67-Ho-150

MAT 6681

(n,3n) p

67-Ho-150

Radionuclide Production Cross Section



30

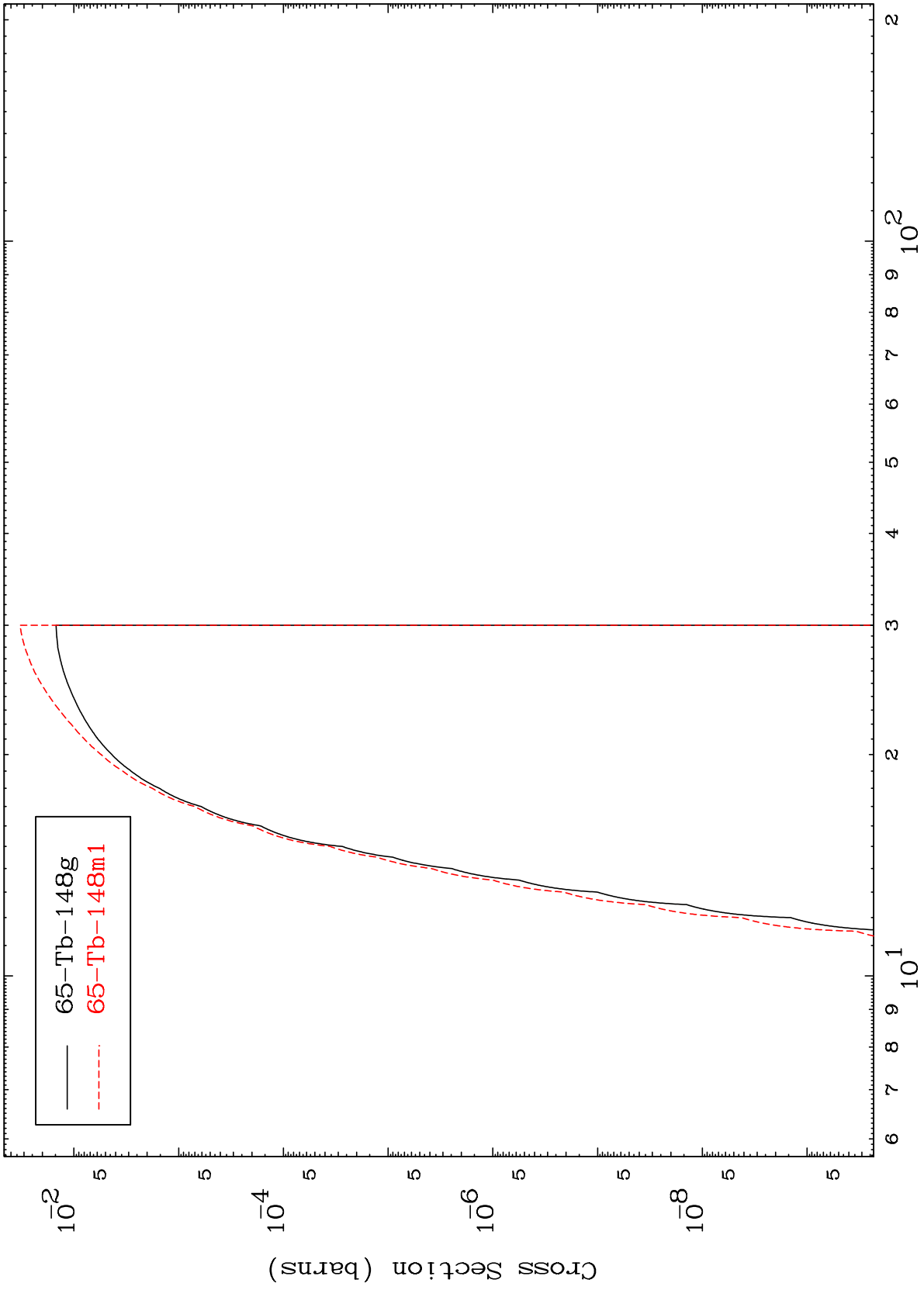
Incident Energy (MeV)

67-Ho-150

MAT 6681

67-Ho-150

(n,2n) p
Radionuclide Production Cross Section



31

67-Ho-150

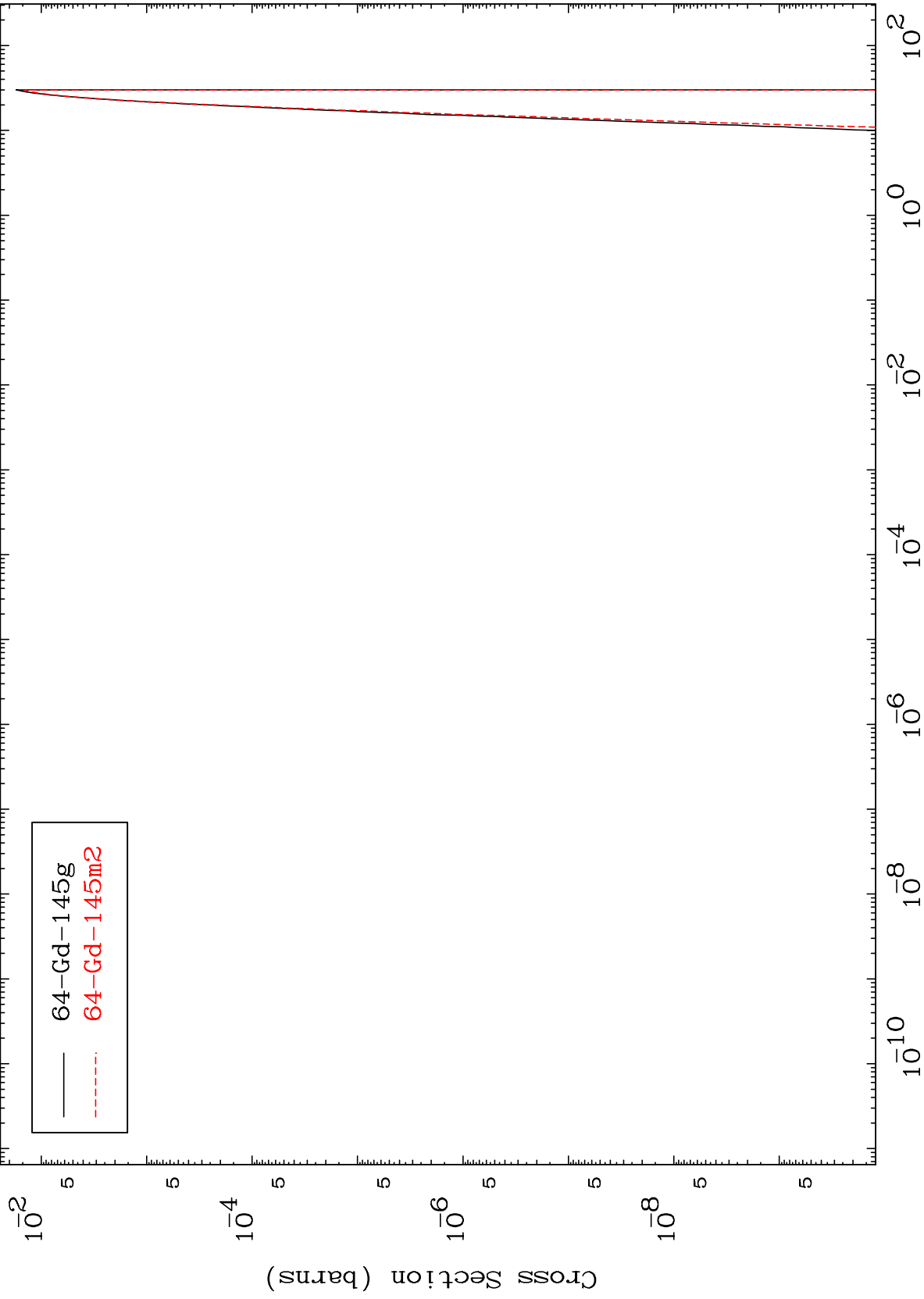
Incident Energy (MeV)

MAT 6681

(n,n') p α

67-Ho-150

Radionuclide Production Cross Section



32

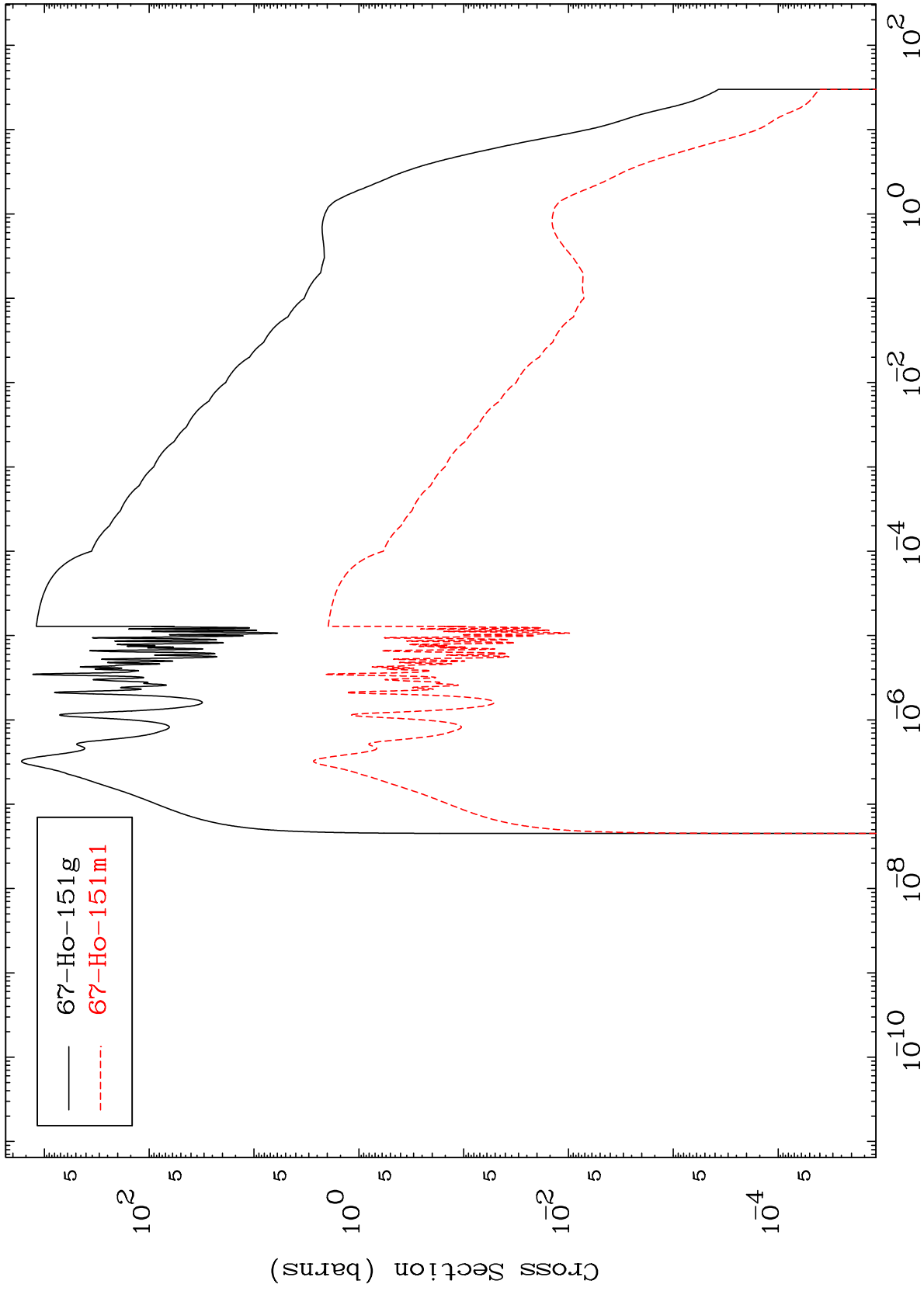
Incident Energy (MeV)

67-Ho-150

MAT 6681

67-Ho-150

Radionuclide Production Cross Section
(n,γ)



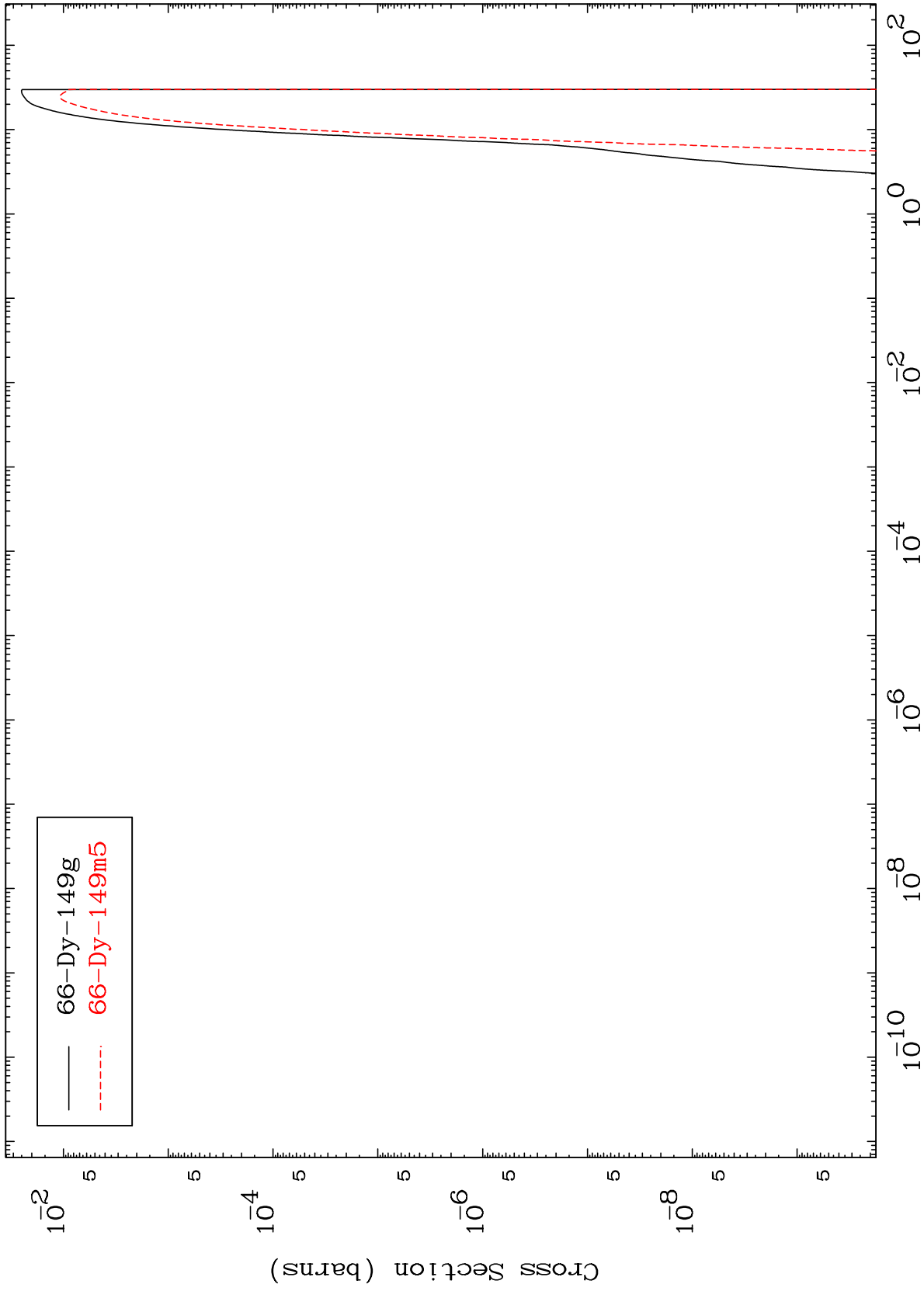
67-Ho-150

MAT 6681

(n,d)

67-Ho-150

Radionuclide Production Cross Section



34

Incident Energy (MeV)

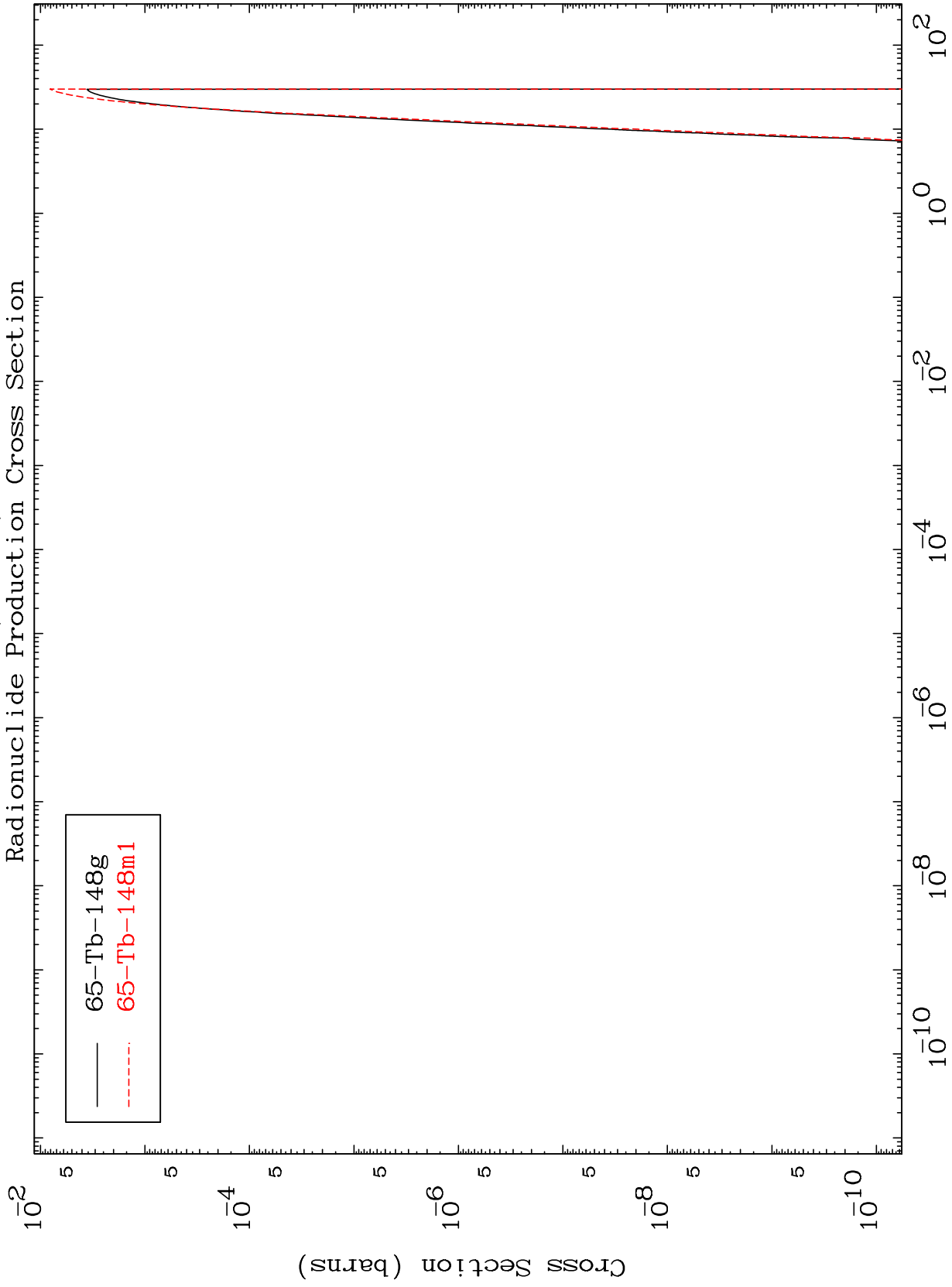
67-Ho-150

MAT 6681

(n, He-3)

67-Ho-150

Radionuclide Production Cross Section



65-Tb-148g
65-Tb-148m1

35

Incident Energy (MeV)

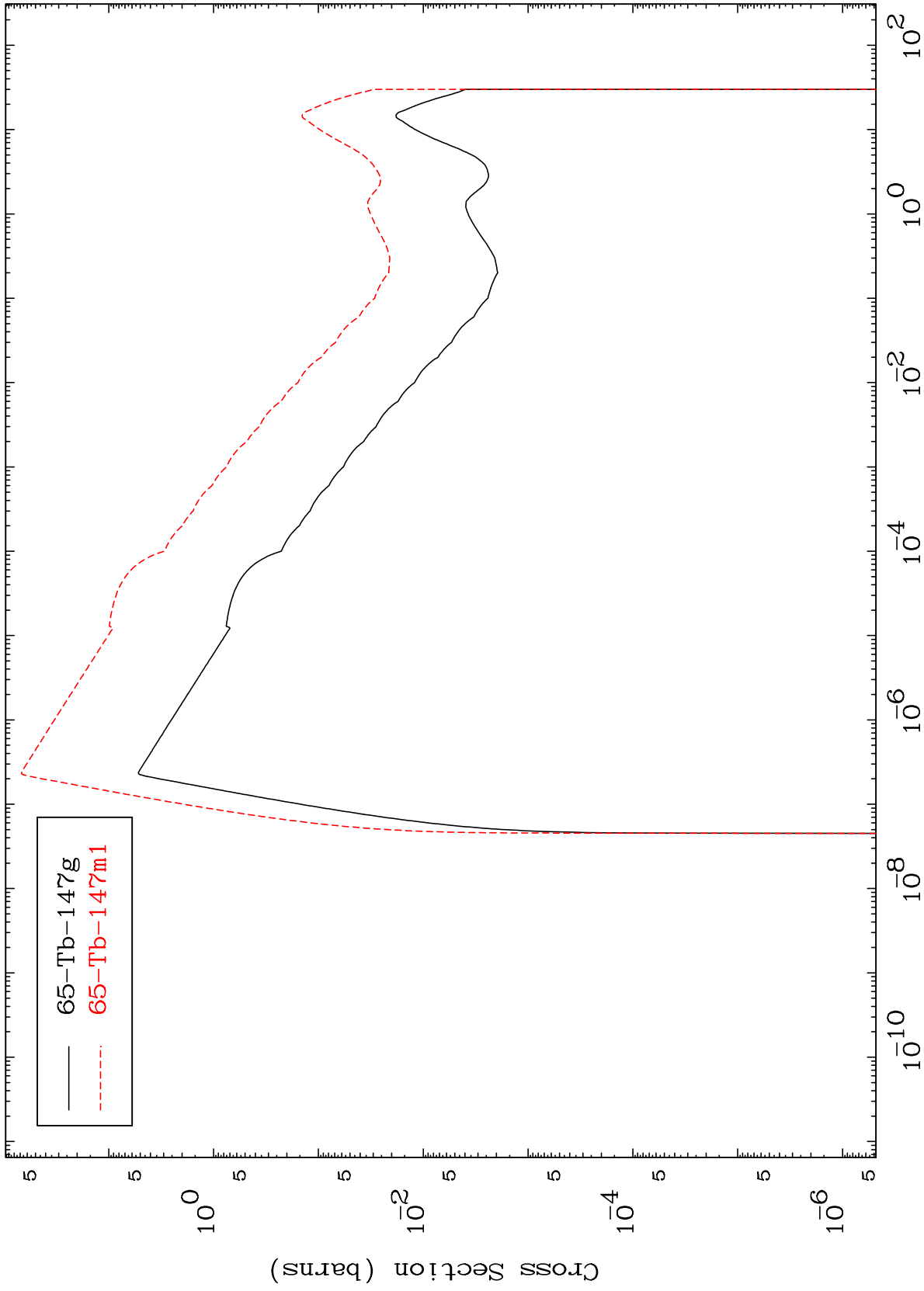
67-Ho-150

MAT 6681

(n, α)

67-Ho-150

Radionuclide Production Cross Section



36

Incident Energy (MeV)

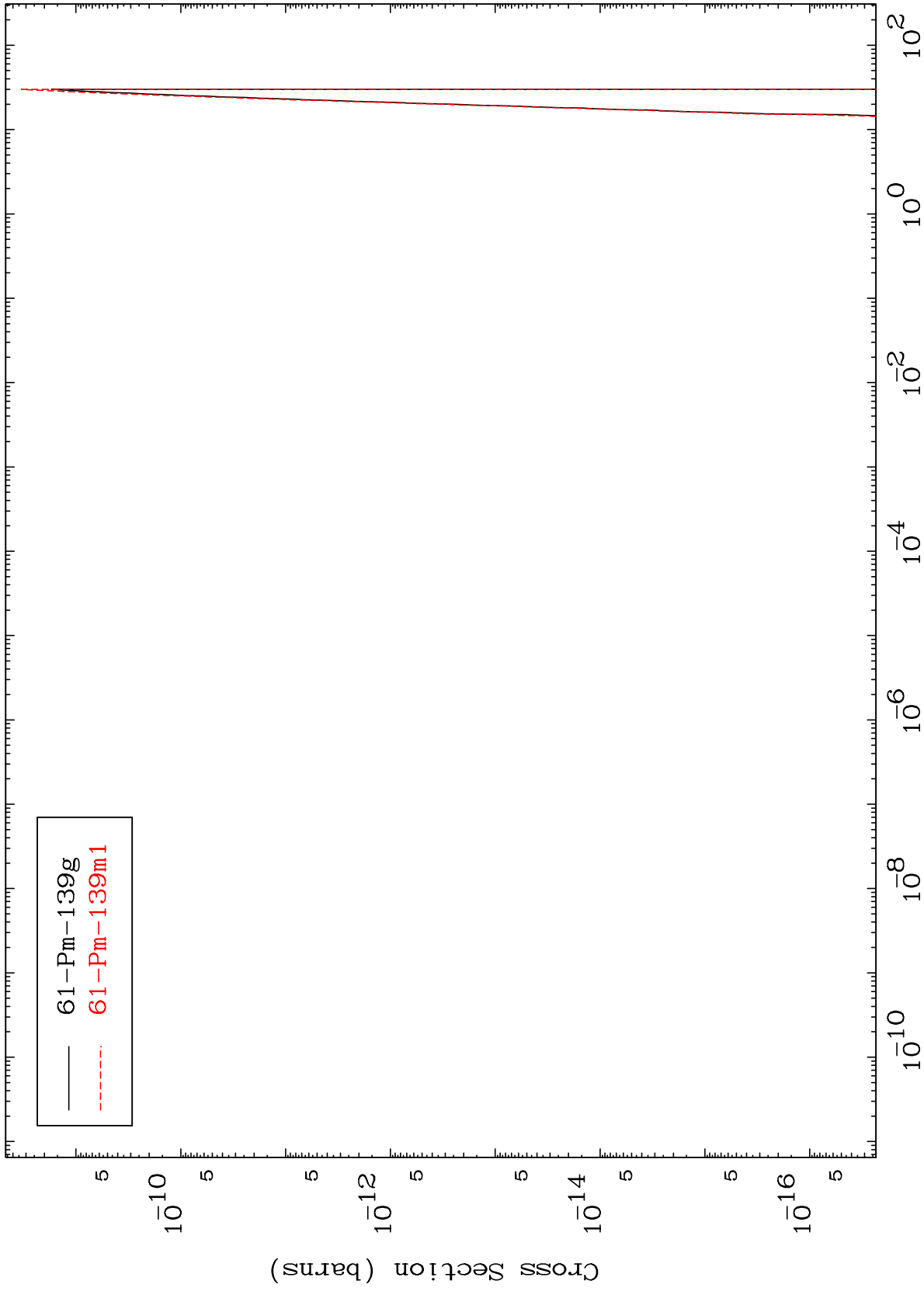
67-Ho-150

MAT 6681

(n,3α)

67-Ho-150

Radionuclide Production Cross Section



37

Incident Energy (MeV)

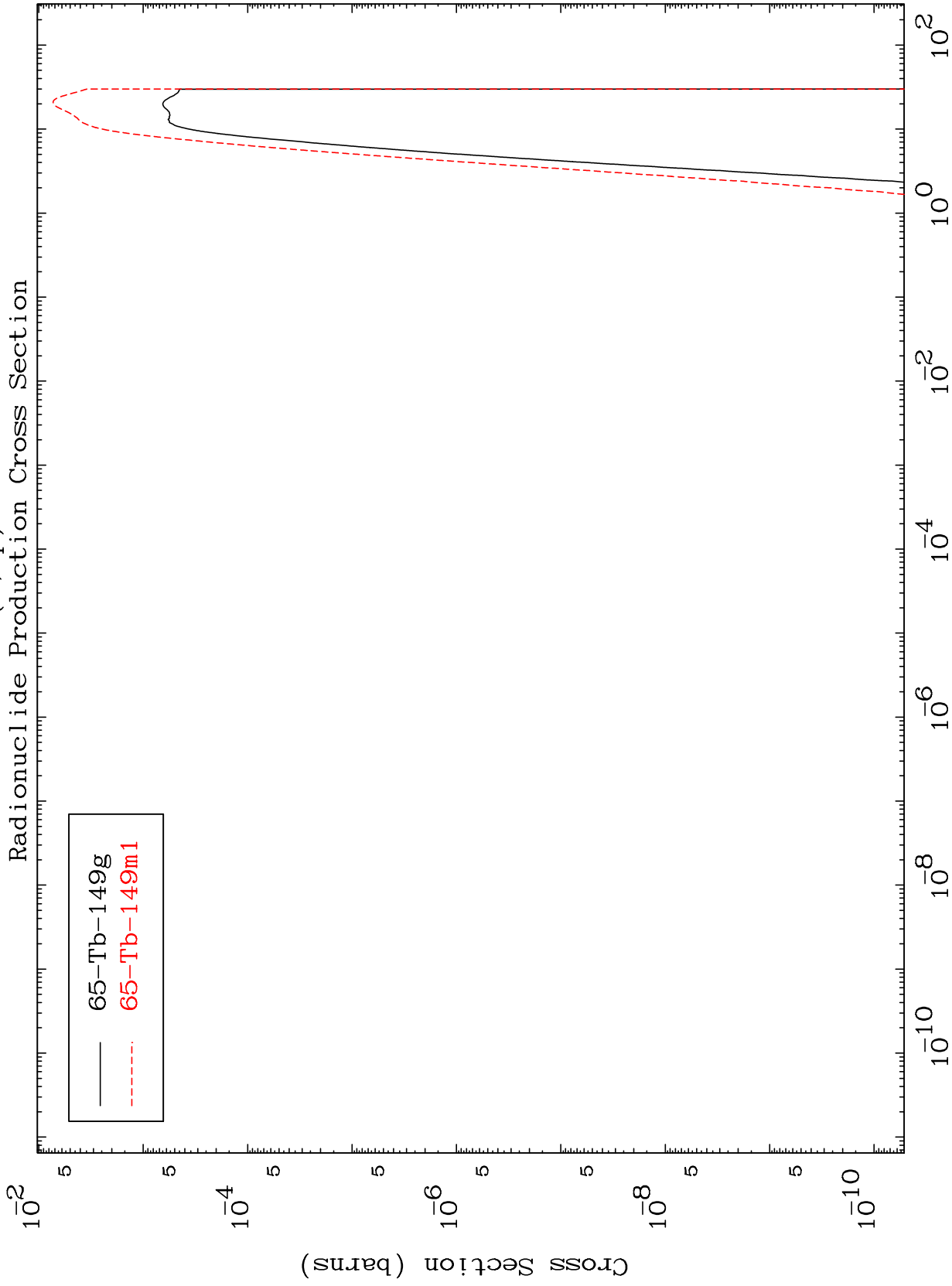
67-Ho-150

MAT 6681

(n,2p)

67-Ho-150

Radionuclide Production Cross Section



38

Incident Energy (MeV)

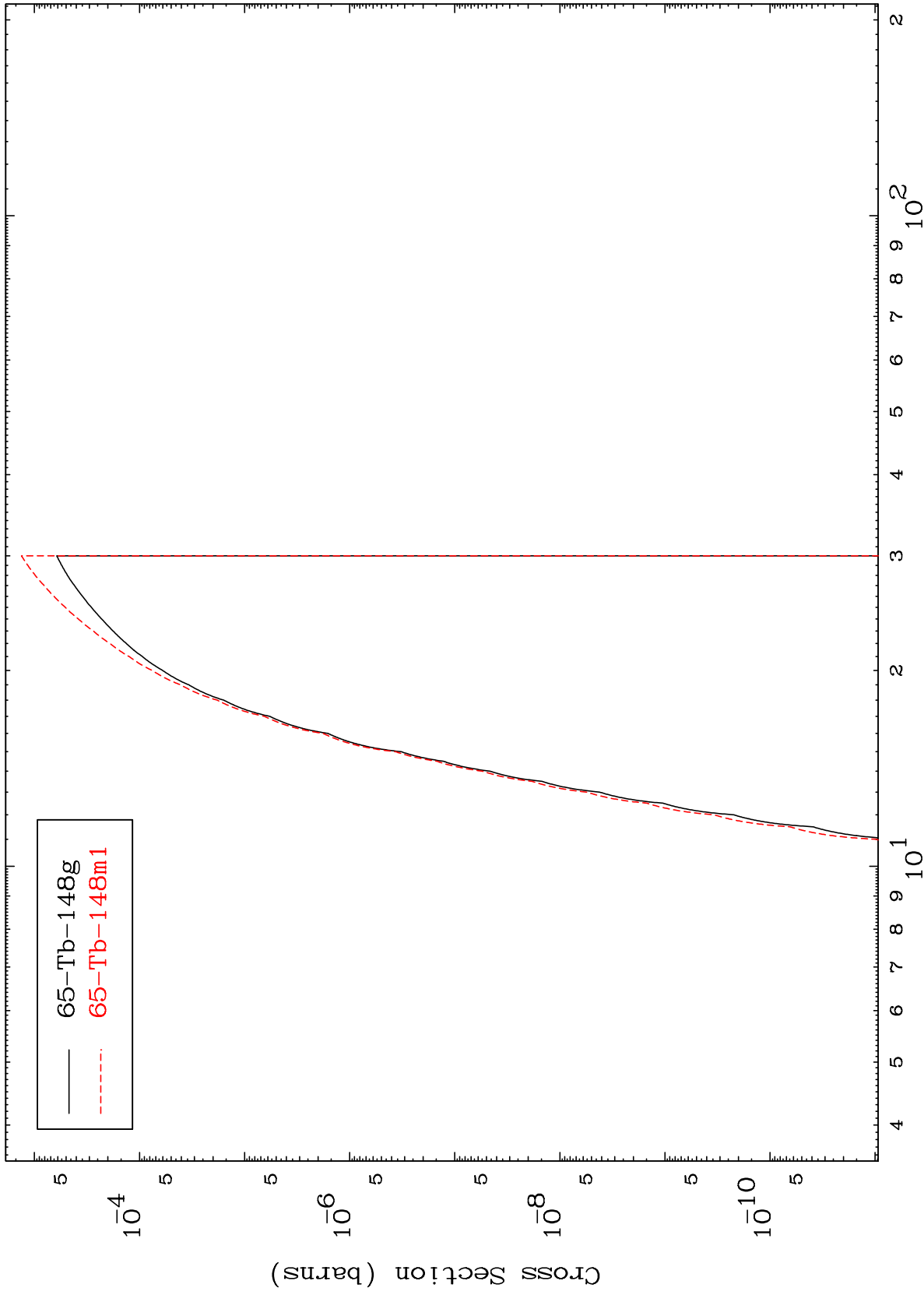
67-Ho-150

MAT 6681

(n,p) d

67-Ho-150

Radionuclide Production Cross Section



39

Incident Energy (MeV)

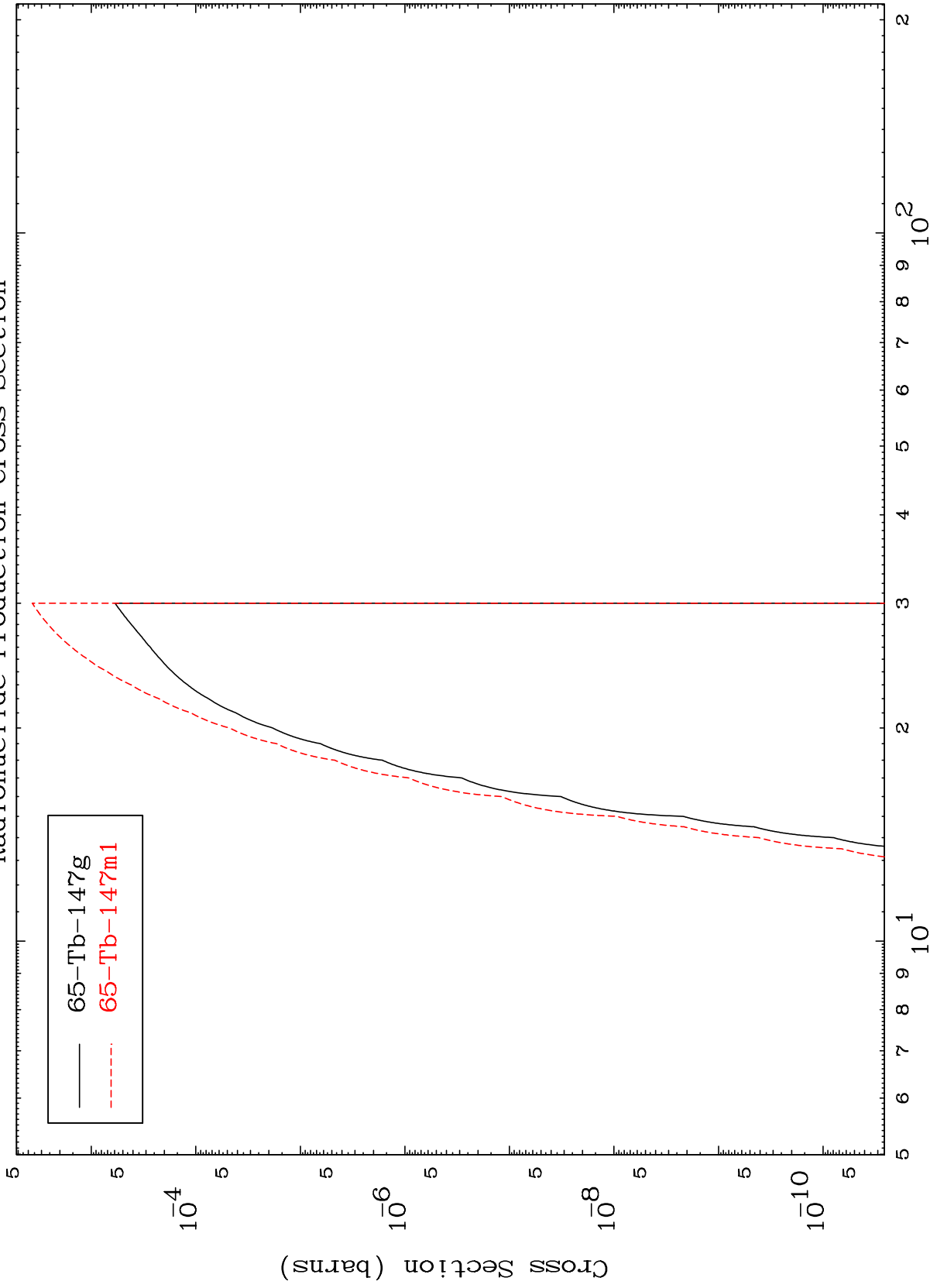
67-Ho-150

MAT 6681

(n,p) t

67-Ho-150

Radionuclide Production Cross Section



40

Incident Energy (MeV)

67-Ho-150

MAT 6681

(n,d) α

$^{67}\text{Ho-150}$

Radionuclide Production Cross Section

