

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

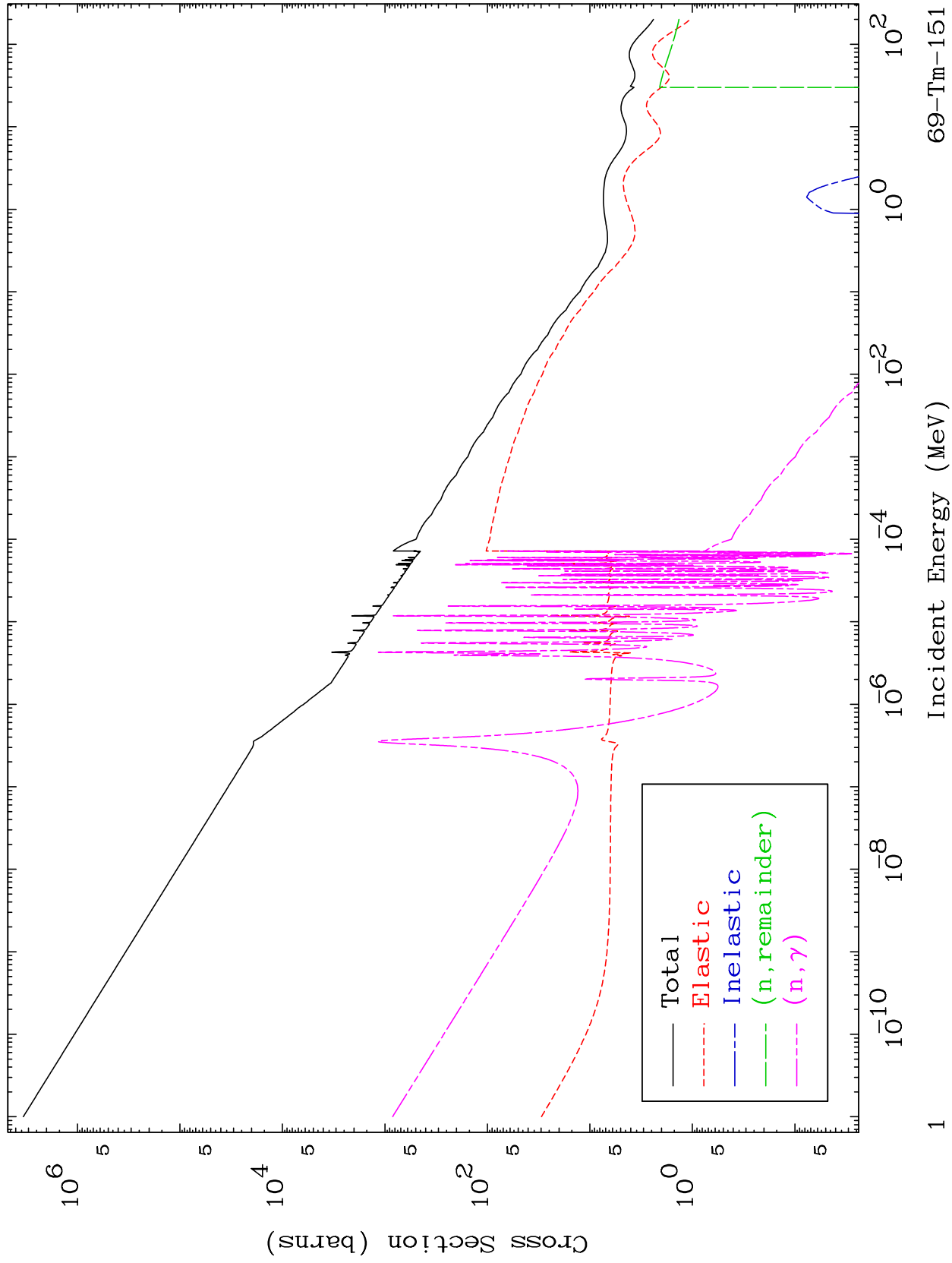
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6872

Major
293 Kelvin Cross Sections

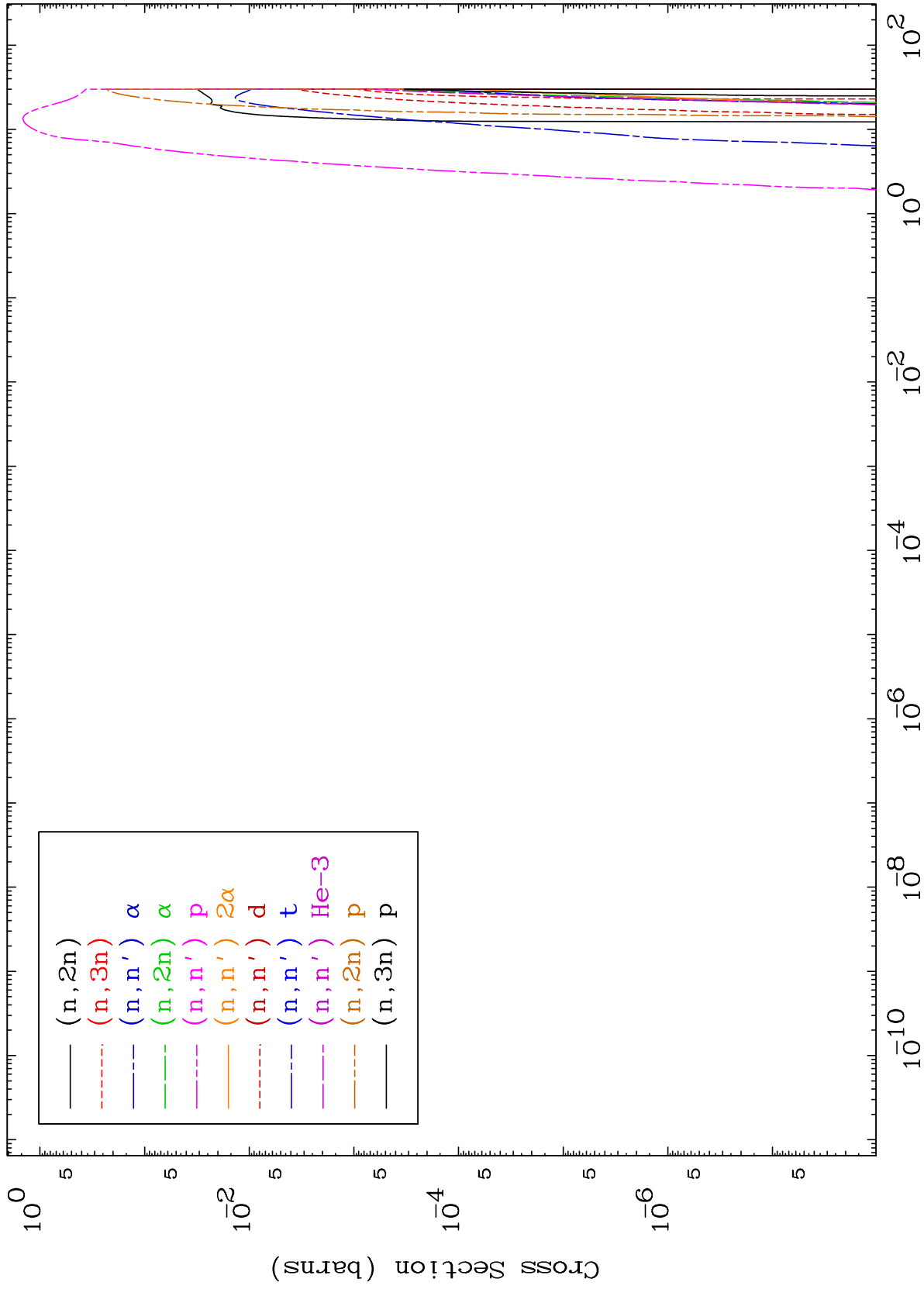
69-Tm-151



MAT 6872

Neutron Production
293 Kelvin Cross Sections

69-Tm-151



2

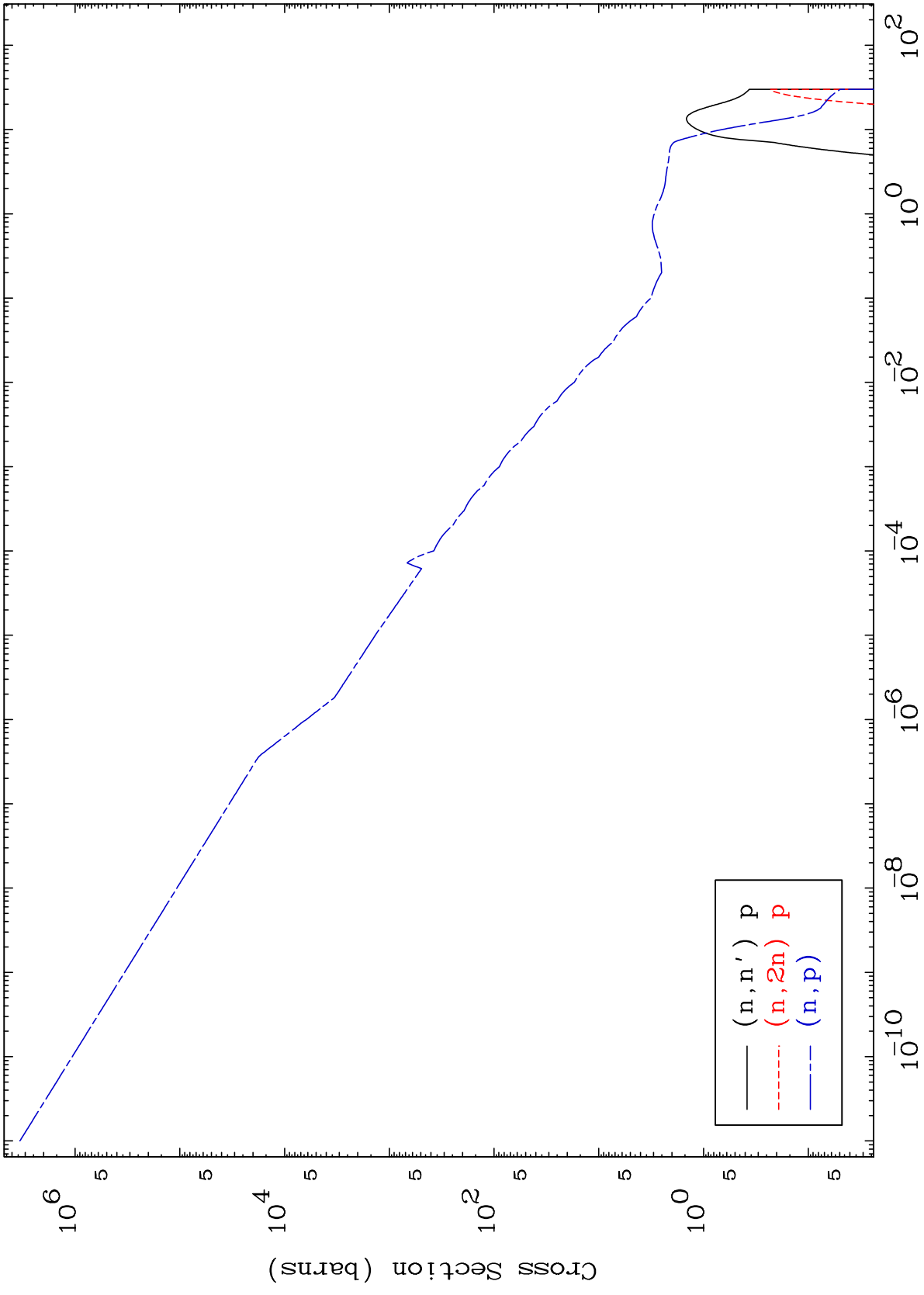
Incident Energy (MeV)

69-Tm-151

MAT 6872

Charged Particle
293 Kelvin Cross Sections

69-Tm-151

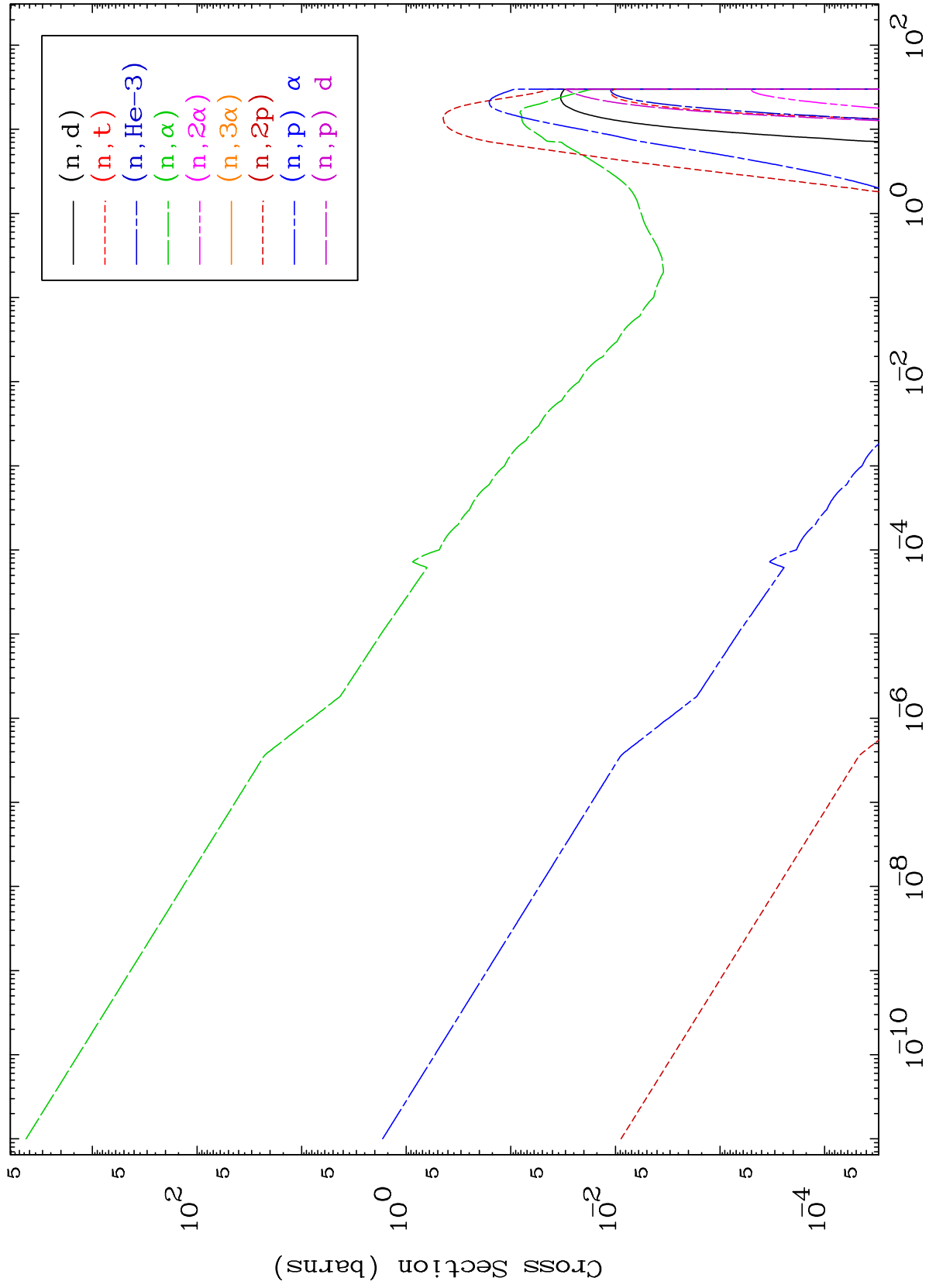


69-Tm-151

MAT 6872

Charged Particle
293 Kelvin Cross Sections

69-Tm-151

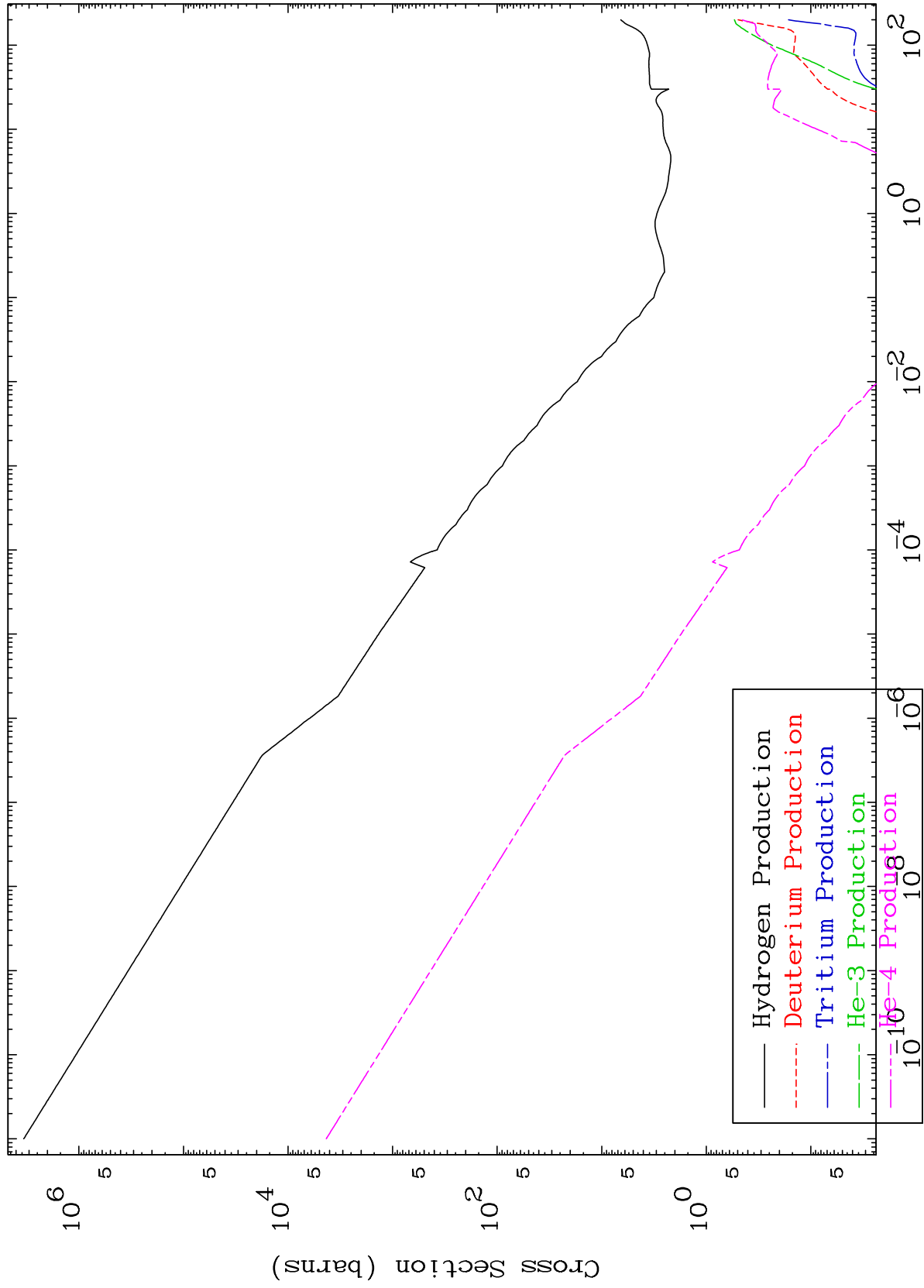


69-Tm-151

MAT 6872

Particle Production
293 Kelvin Cross Sections

69-Tm-151



5

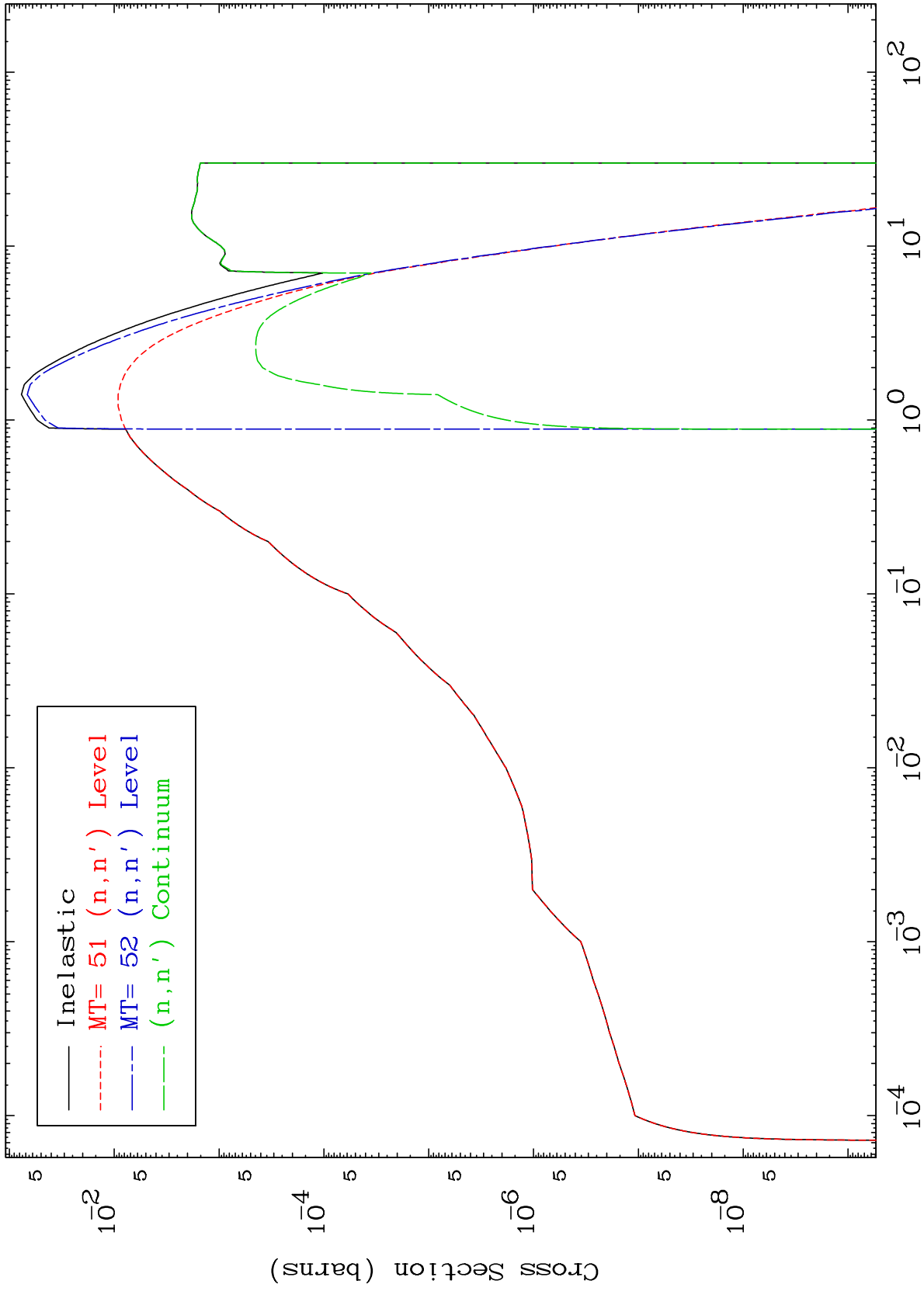
Incident Energy (MeV)

69-Tm-151

MAT 6872

293 Kelvin Cross Sections

69-Tm-151



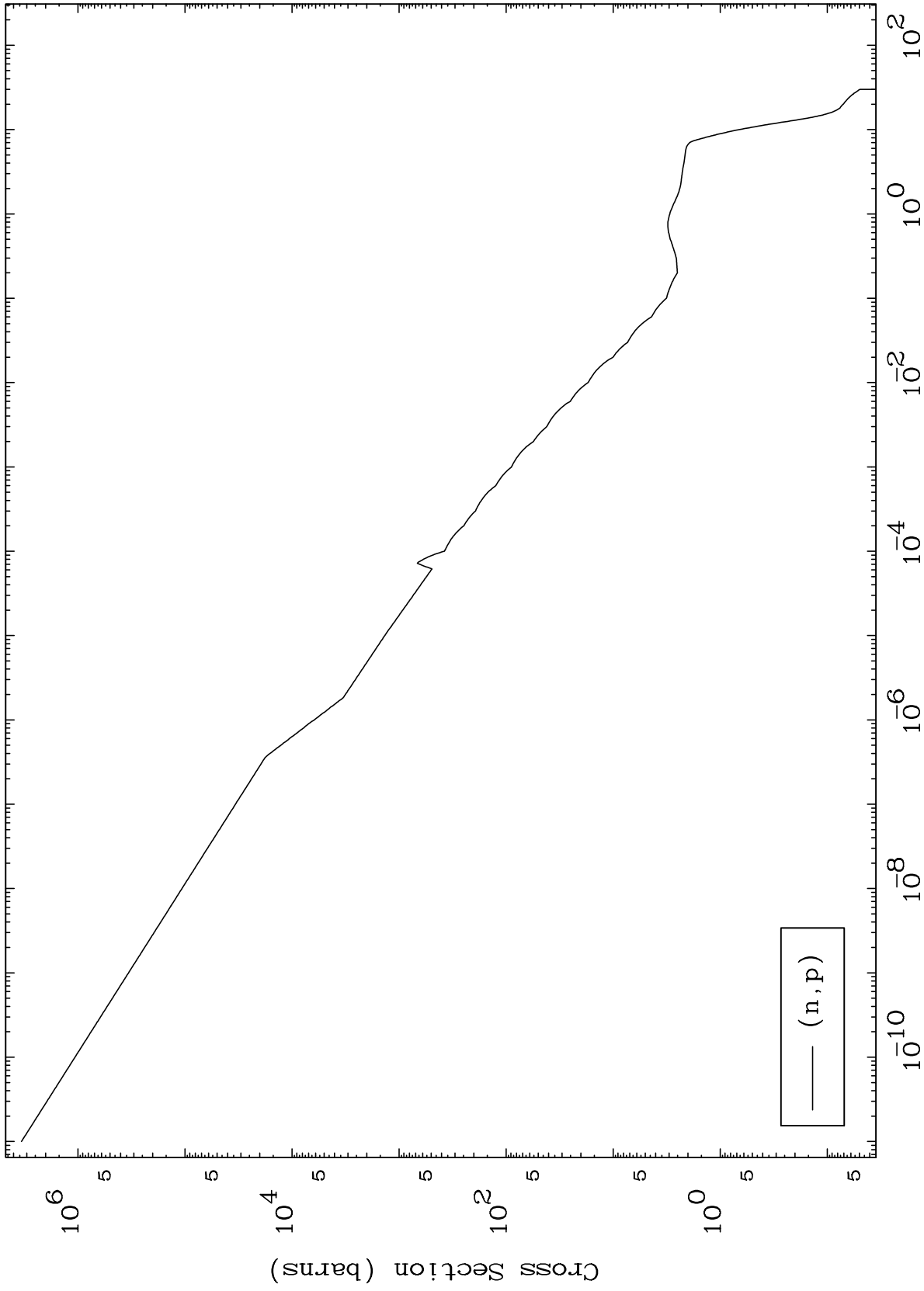
6

69-Tm-151

MAT 6872

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-151



7

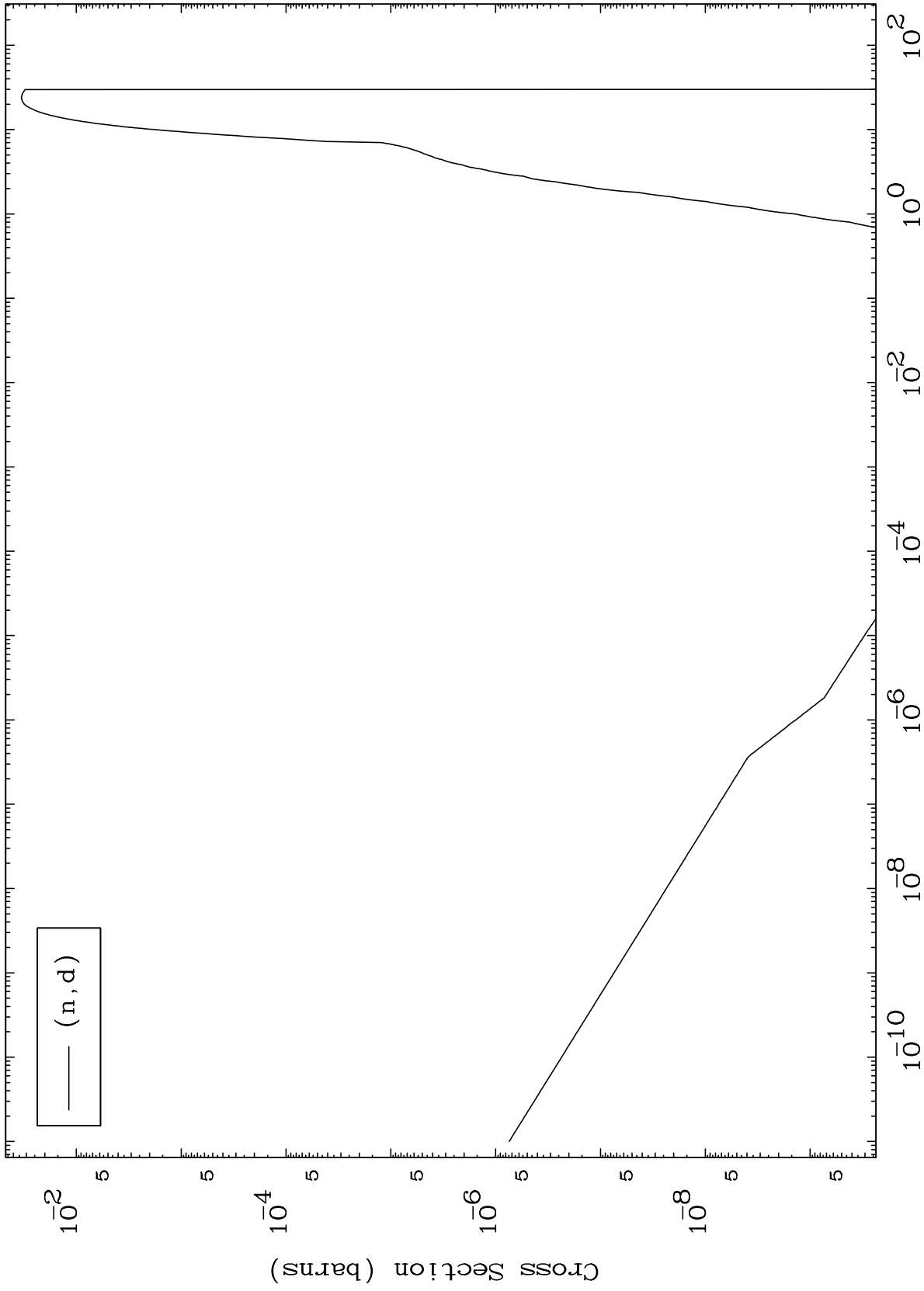
Incident Energy (MeV)

69-Tm-151

MAT 6872

(n,d) Levels
293 Kelvin Cross Sections

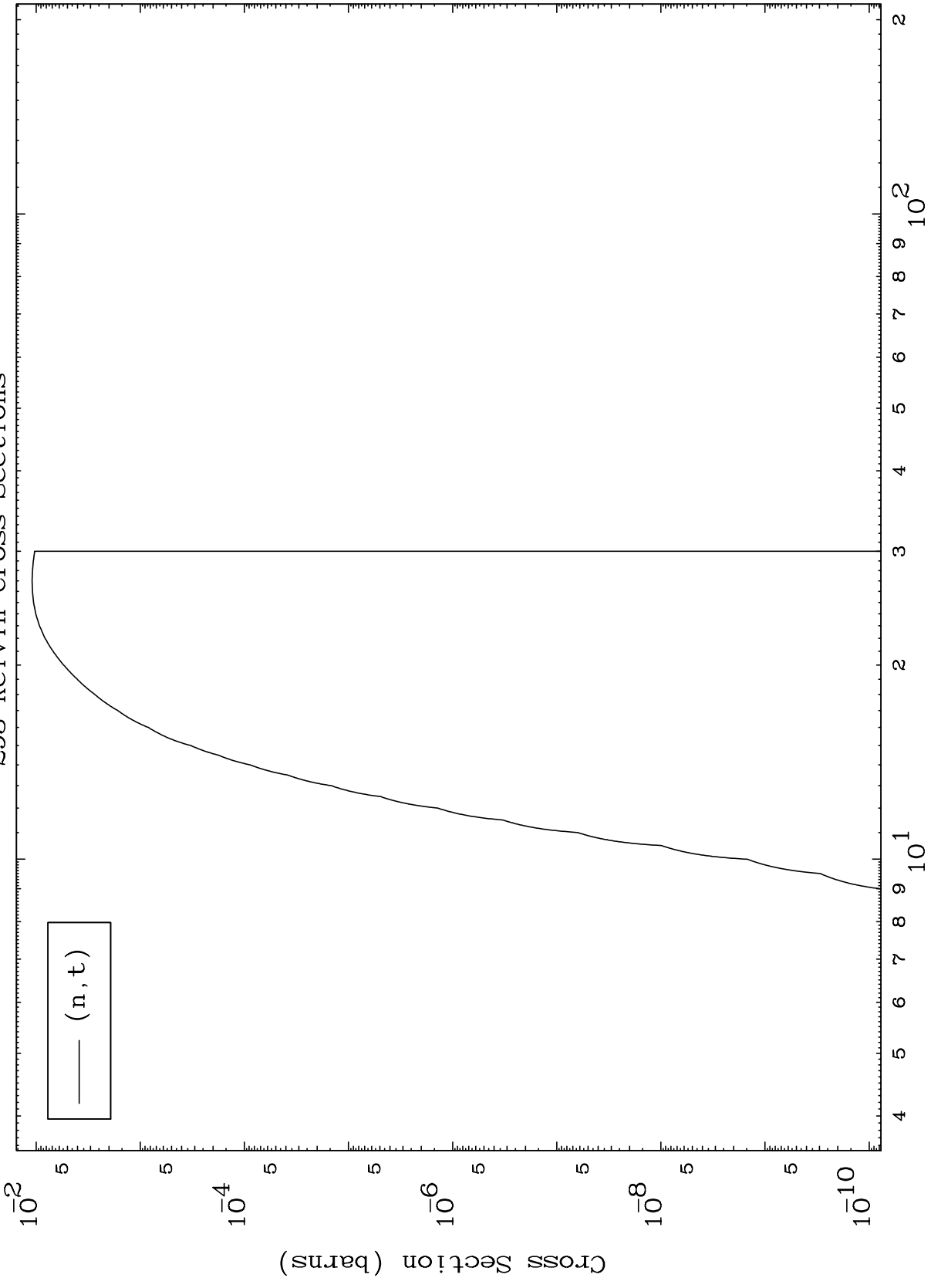
69-Tm-151



MAT 6872

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-151



9

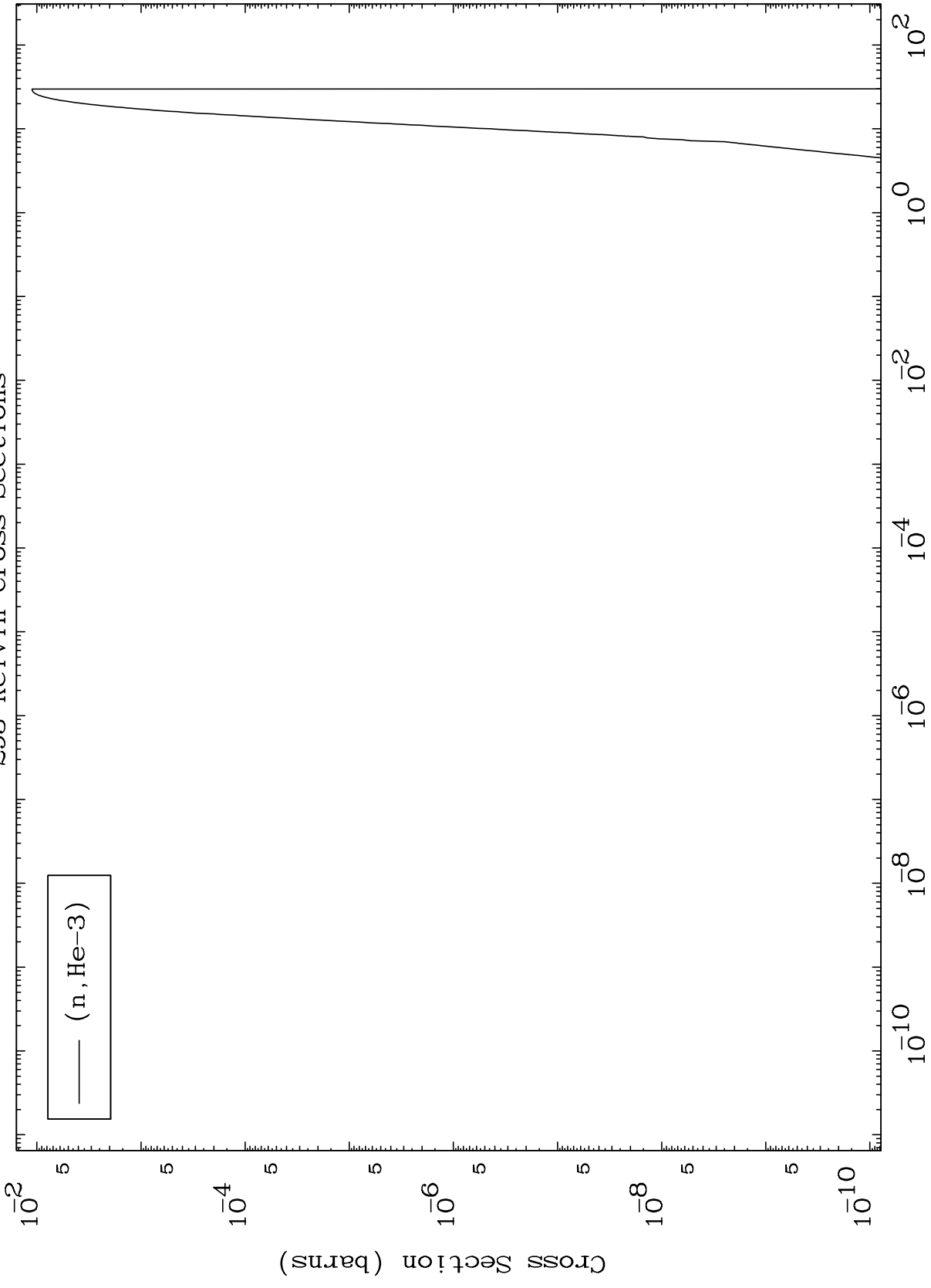
Incident Energy (MeV)

69-Tm-151

MAT 6872

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-151



10

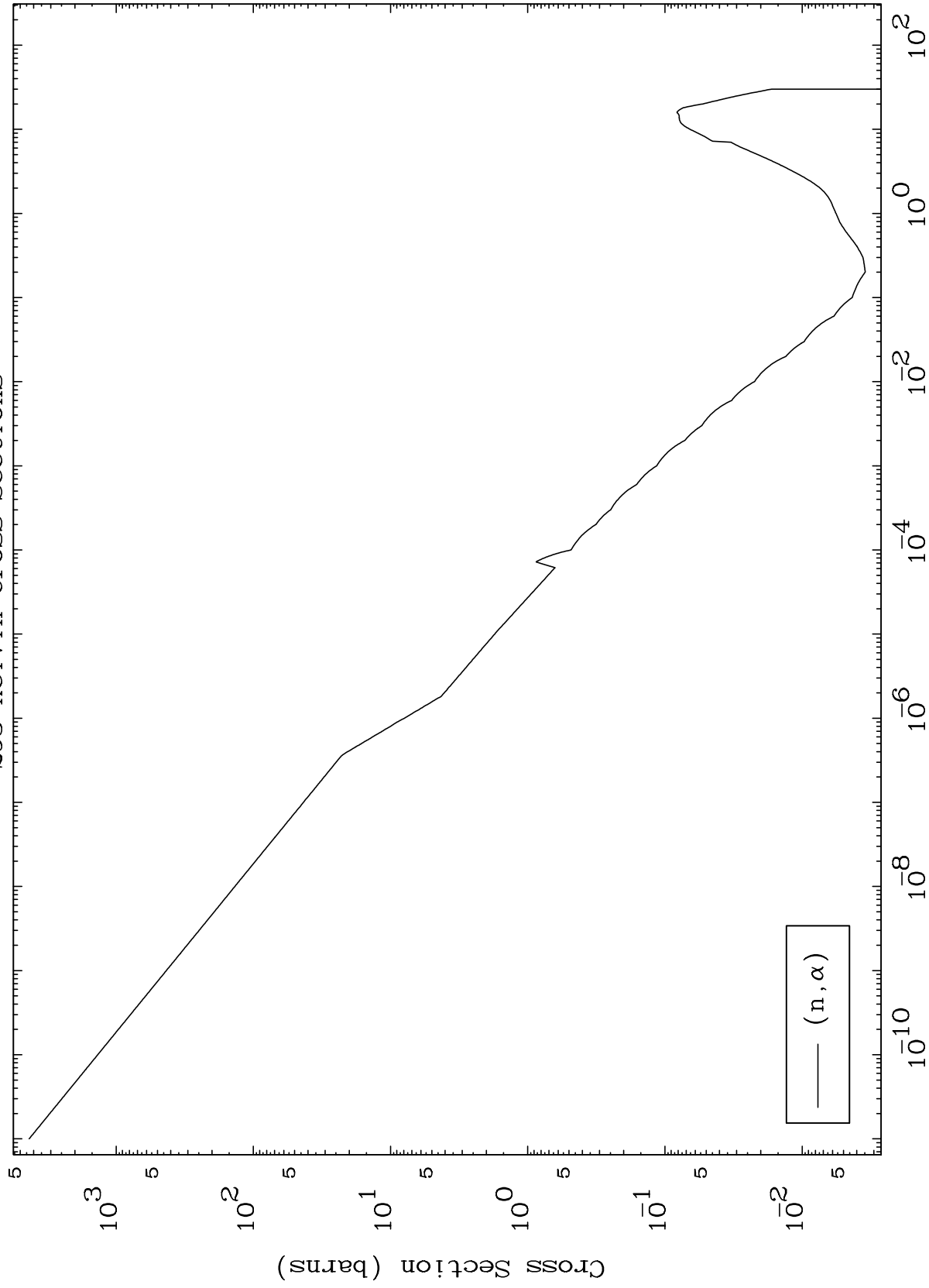
Incident Energy (MeV)

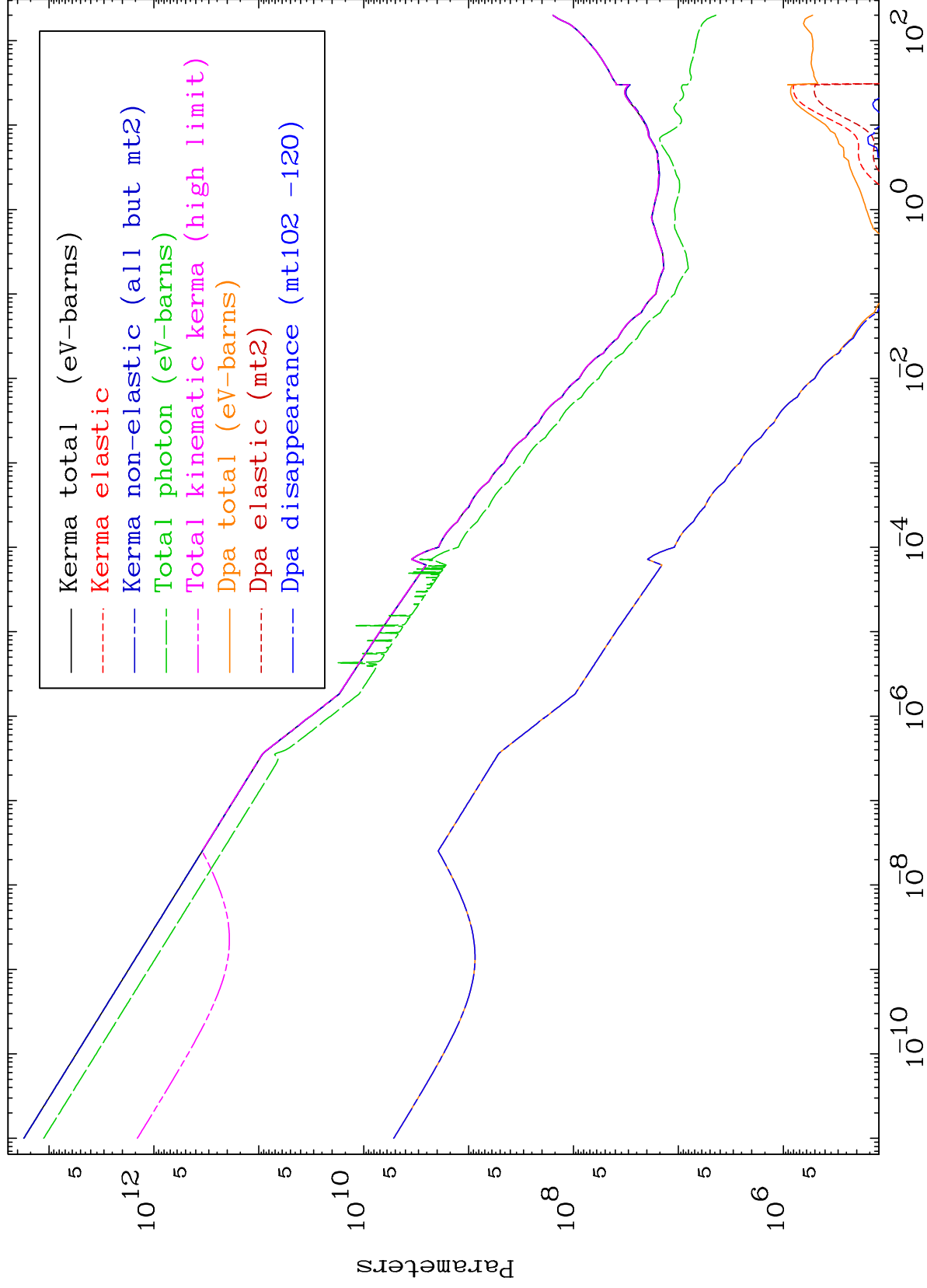
69-Tm-151

MAT 6872

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-151

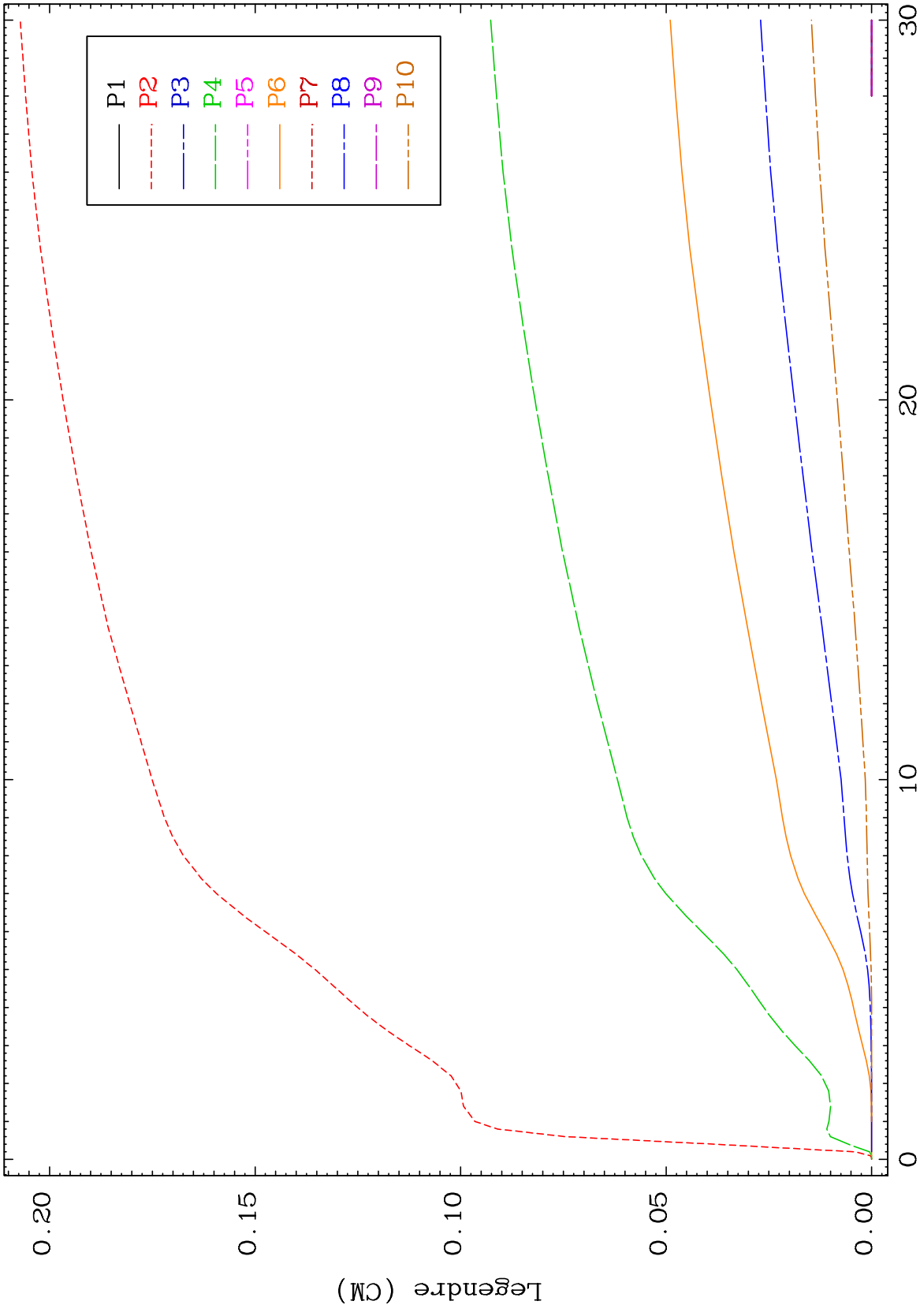




MAT 6872

Elastic Legendre Coefficients

69-Tm-151



13

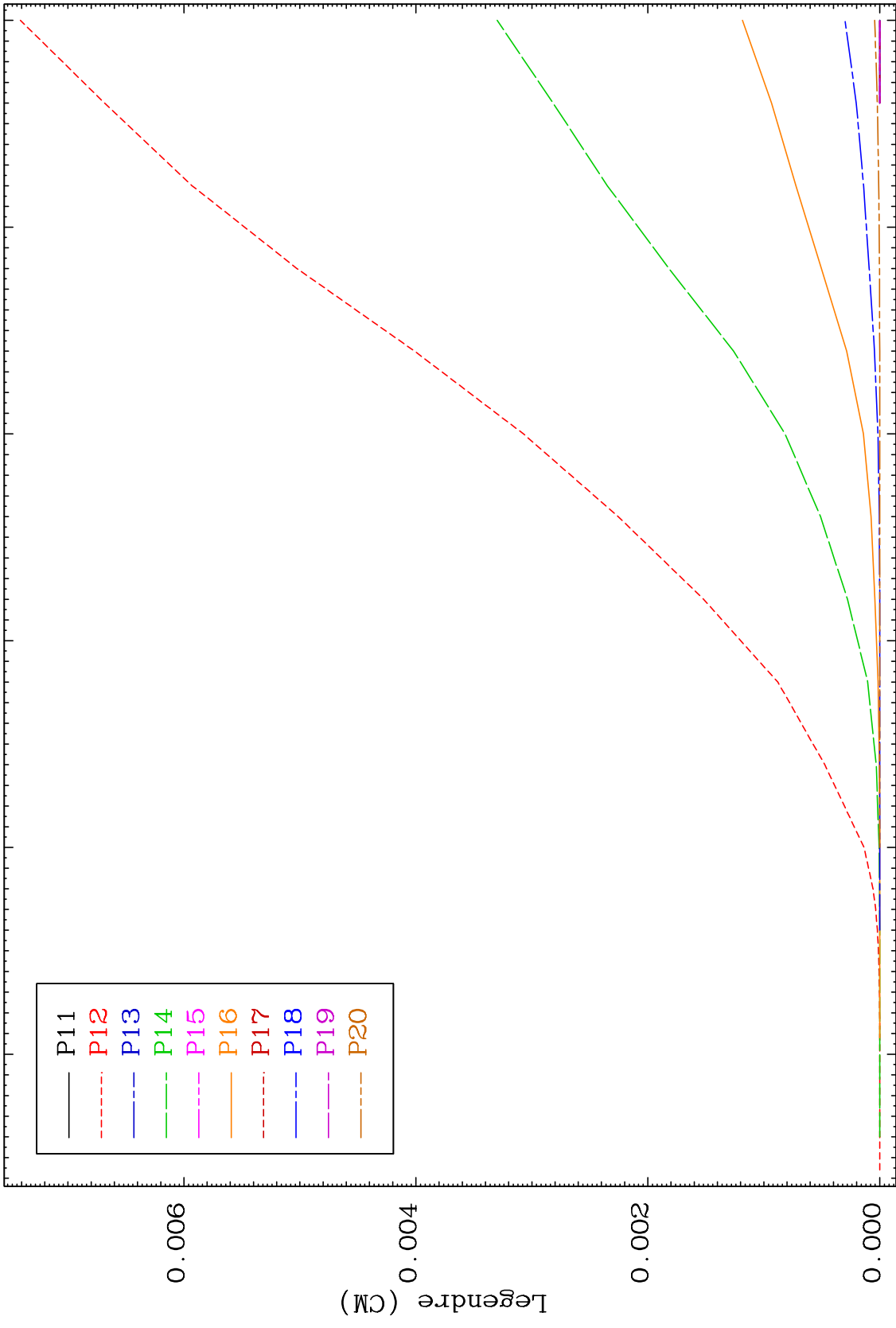
Incident Energy (MeV)

69-Tm-151

MAT 6872

Elastic Legendre Coefficients

69-Tm-151



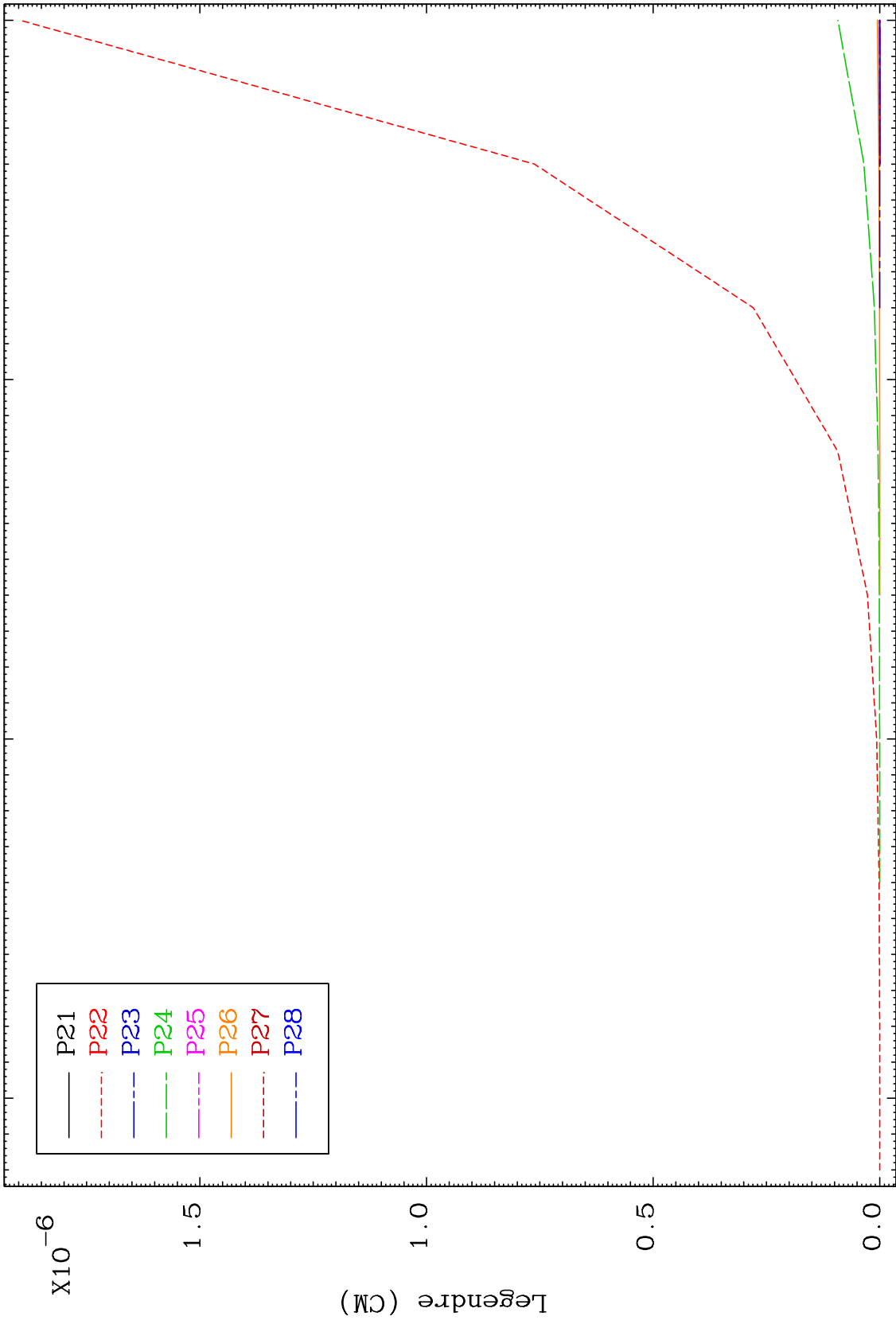
14

69-Tm-151

MAT 6872

Elastic Legendre Coefficients

69-Tm-151



15

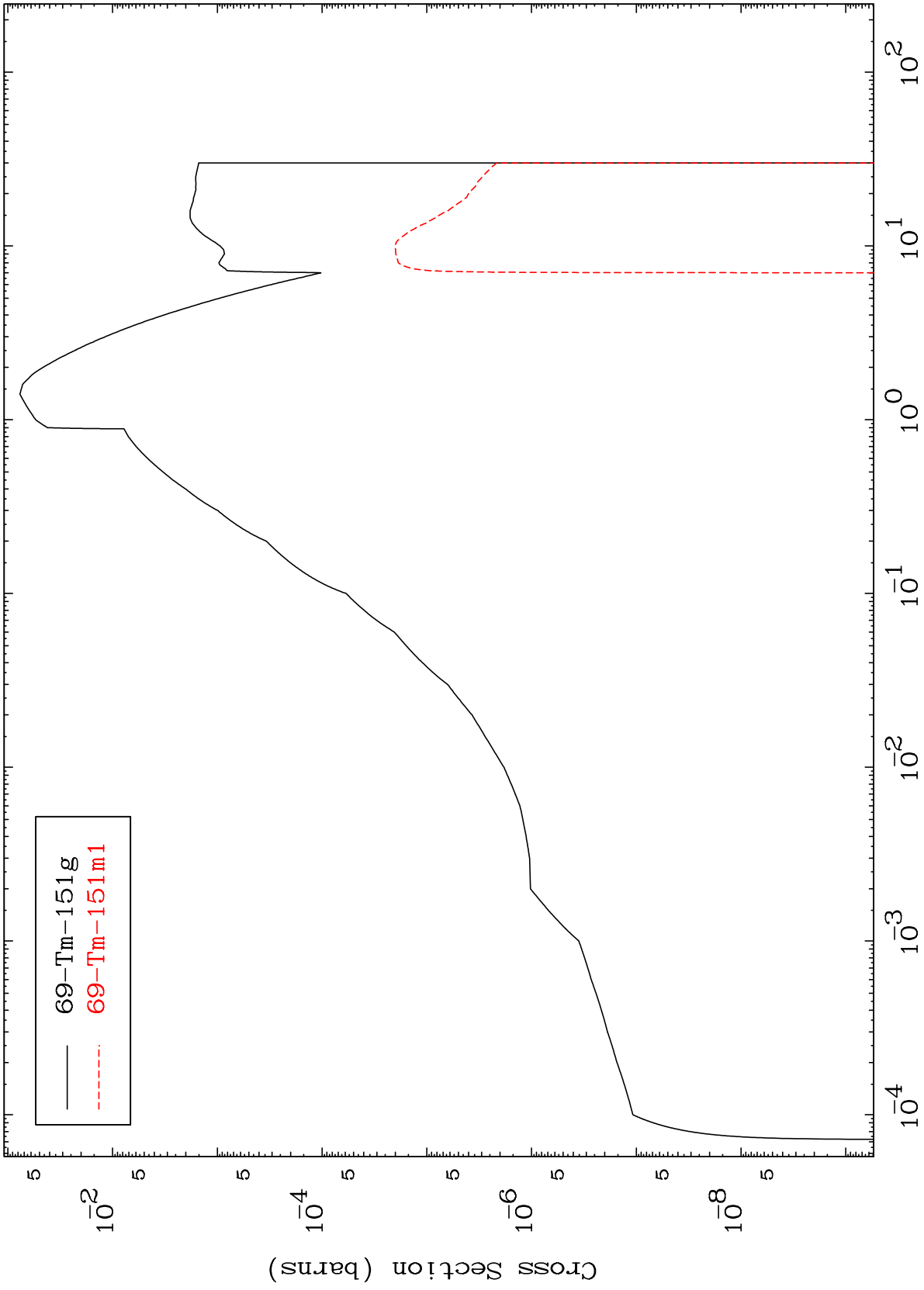
Incident Energy (MeV)

69-Tm-151

MAT 6872

Inelastic
Radionuclide Production Cross Section

69-Tm-151



16

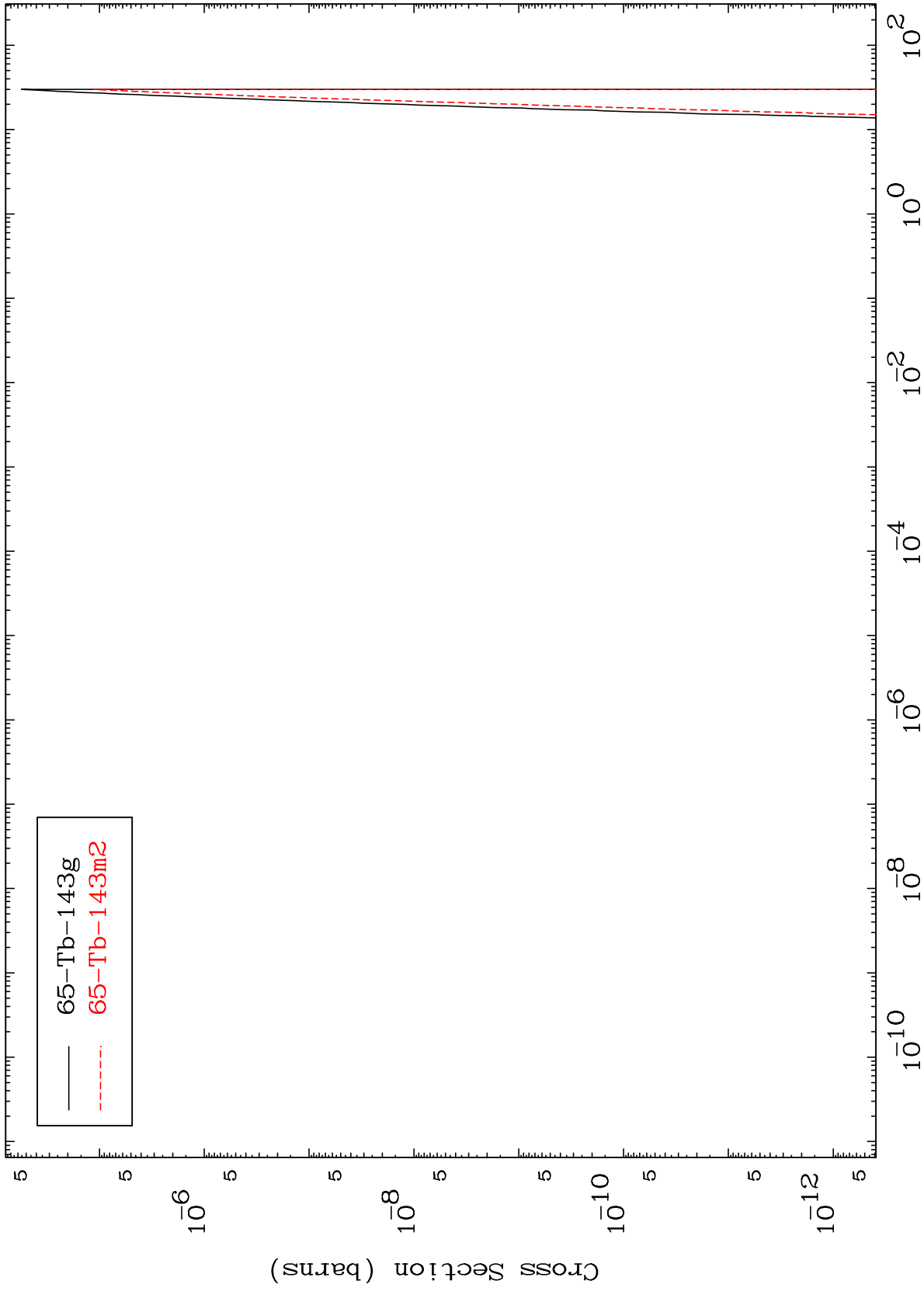
69-Tm-151

MAT 6872

(n,n') 2 α

69-Tm-151

Radionuclide Production Cross Section



17

Incident Energy (MeV)

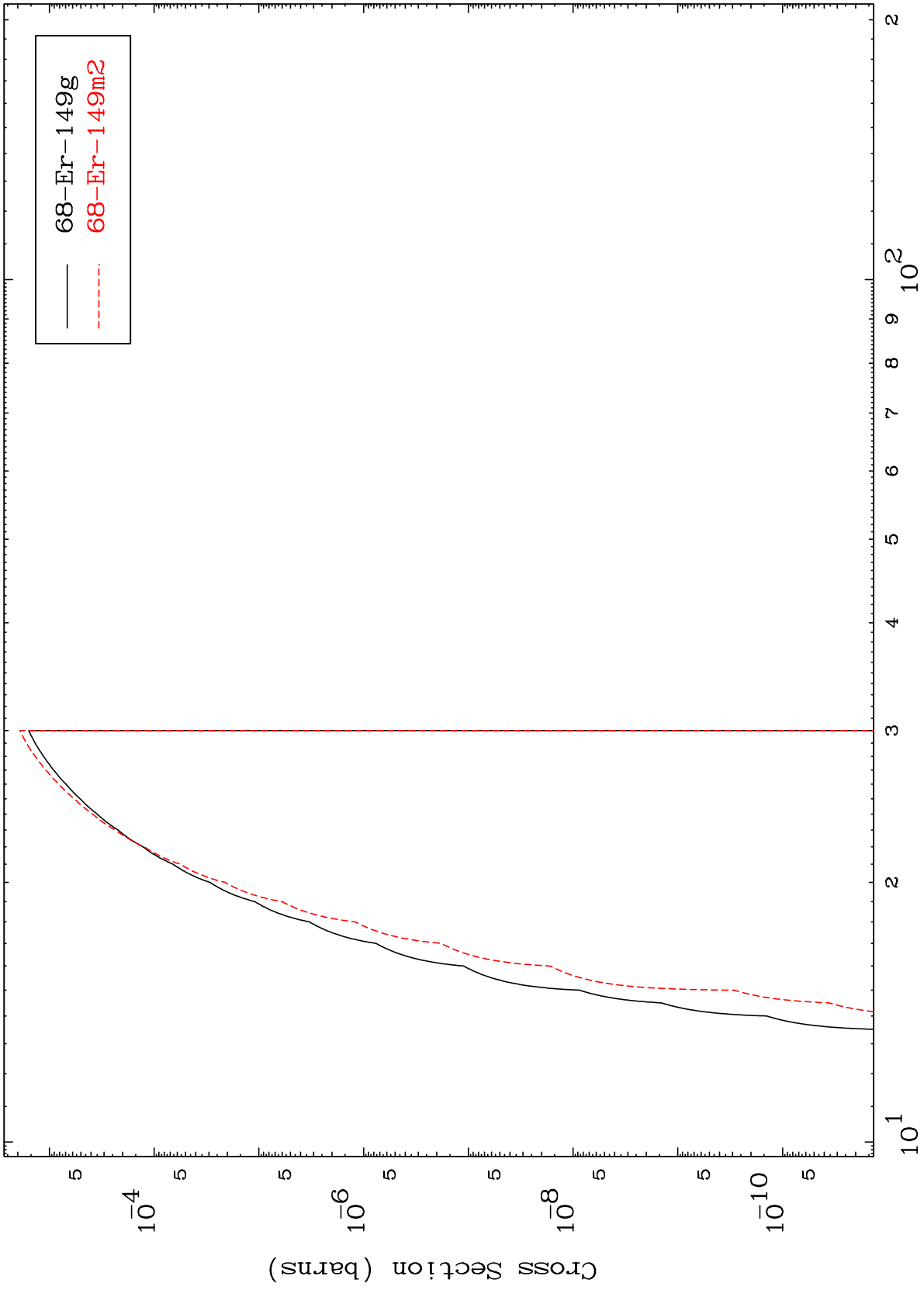
69-Tm-151

MAT 6872

(n,n') d

69-Tm-151

Radionuclide Production Cross Section



18

Incident Energy (MeV)

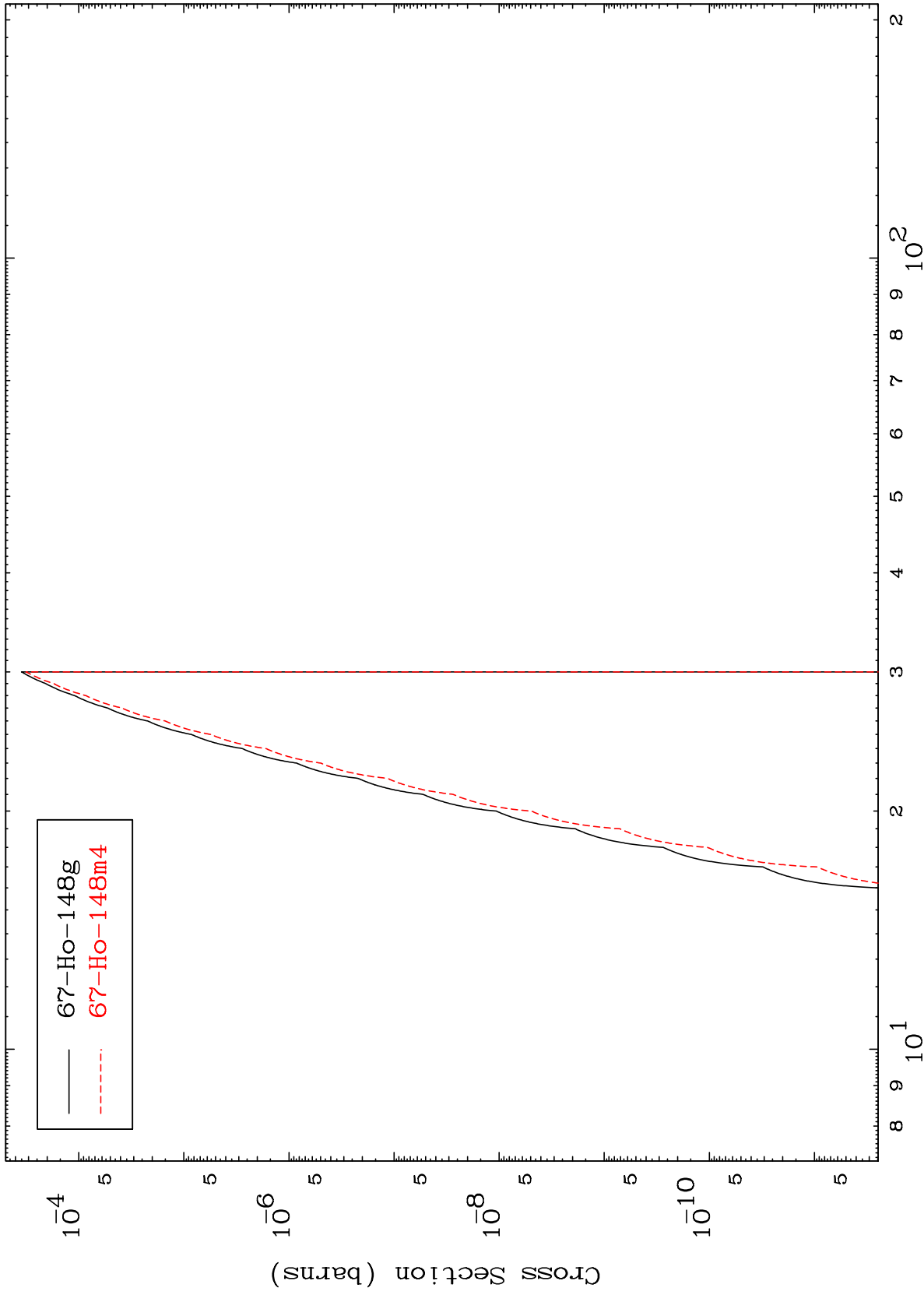
69-Tm-151

MAT 6872

(n, n') He-3

69-Tm-151

Radionuclide Production Cross Section



19

Incident Energy (MeV)

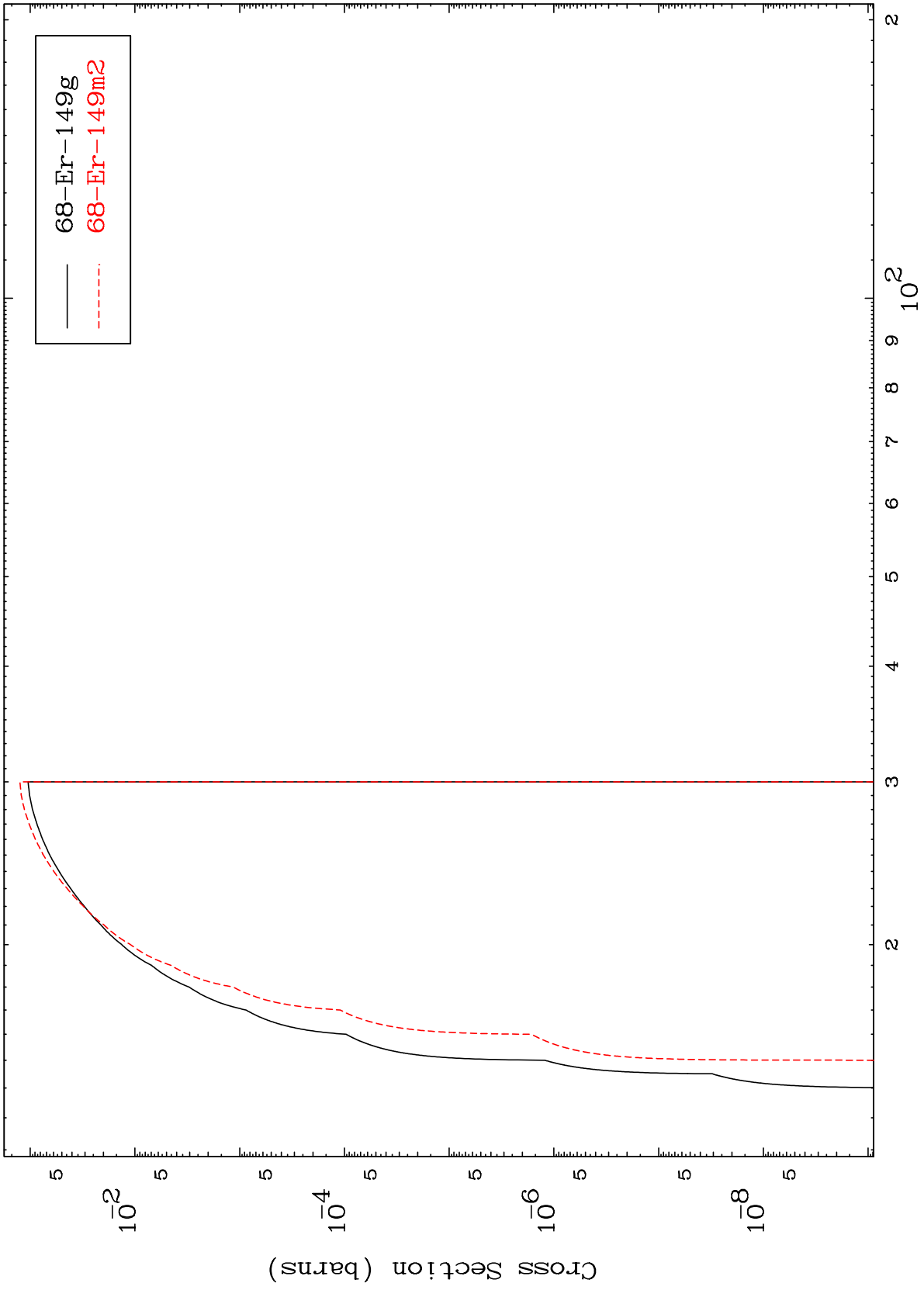
69-Tm-151

MAT 6872

(n,2n) p

69-Tm-151

Radionuclide Production Cross Section



20

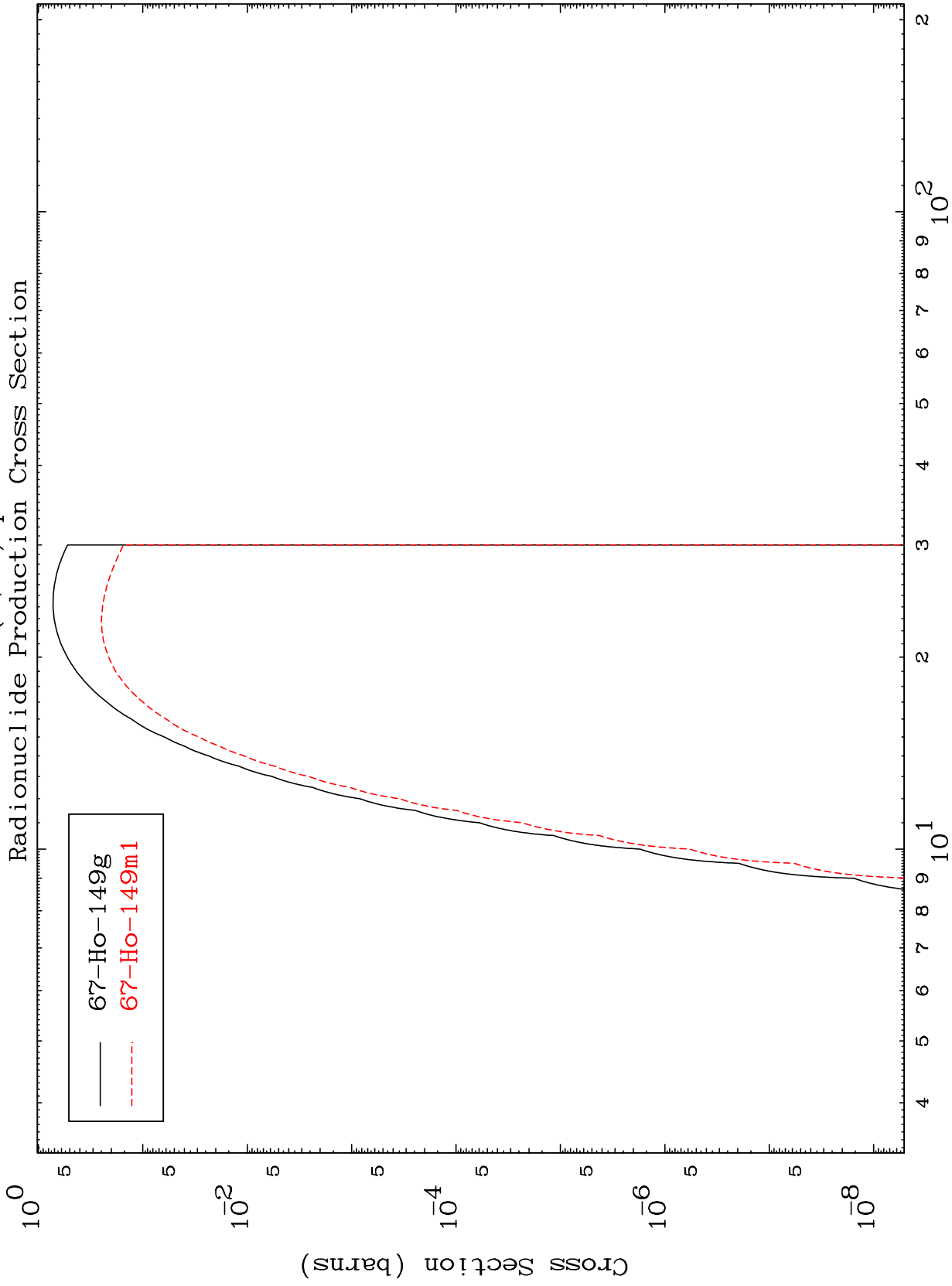
Incident Energy (MeV)

69-Tm-151

MAT 6872

(n,2n) p

69-Tm-151



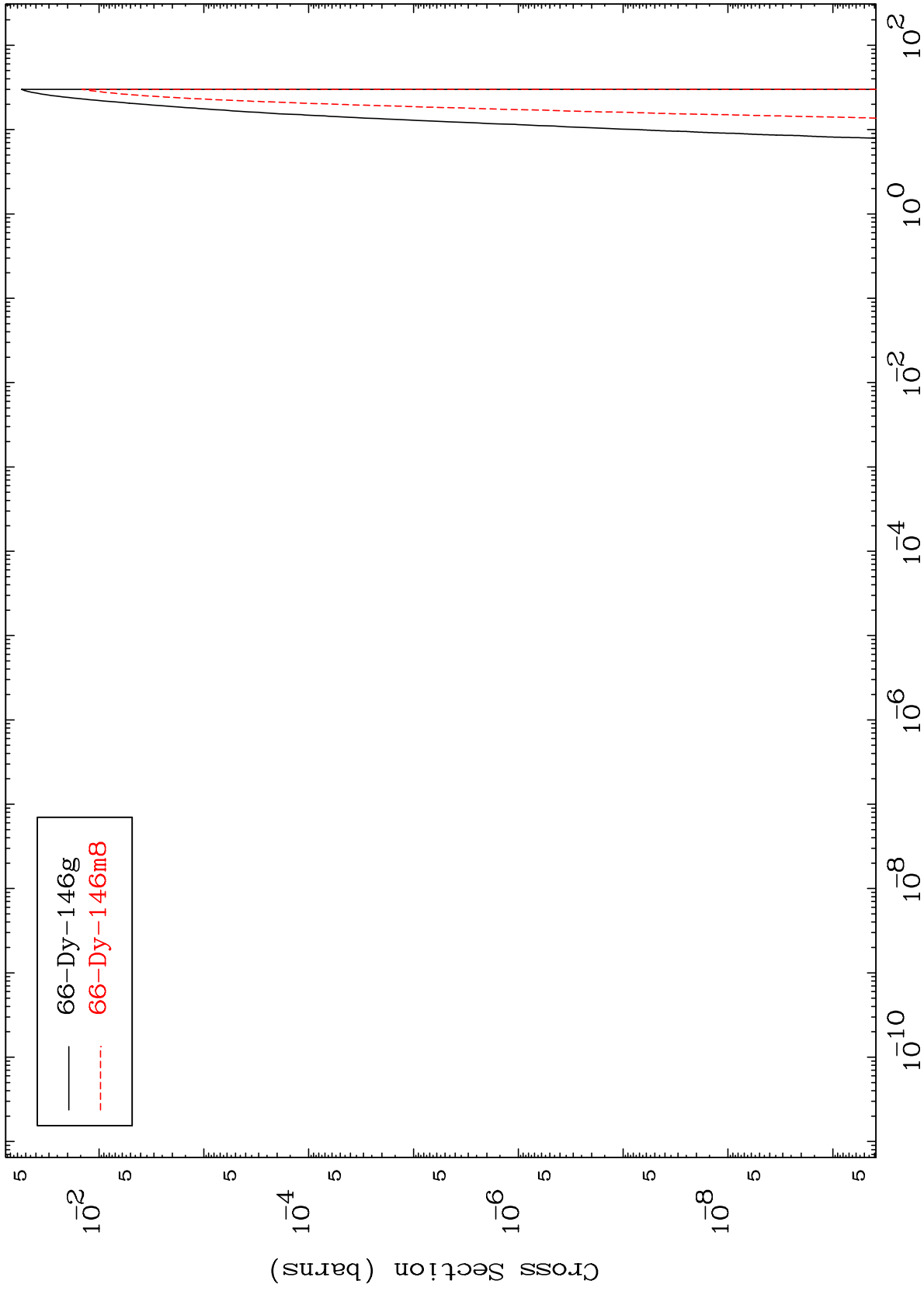
67-Ho-149g
67-Ho-149m1

MAT 6872

(n,n') p α

69-Tm-151

Radionuclide Production Cross Section



22

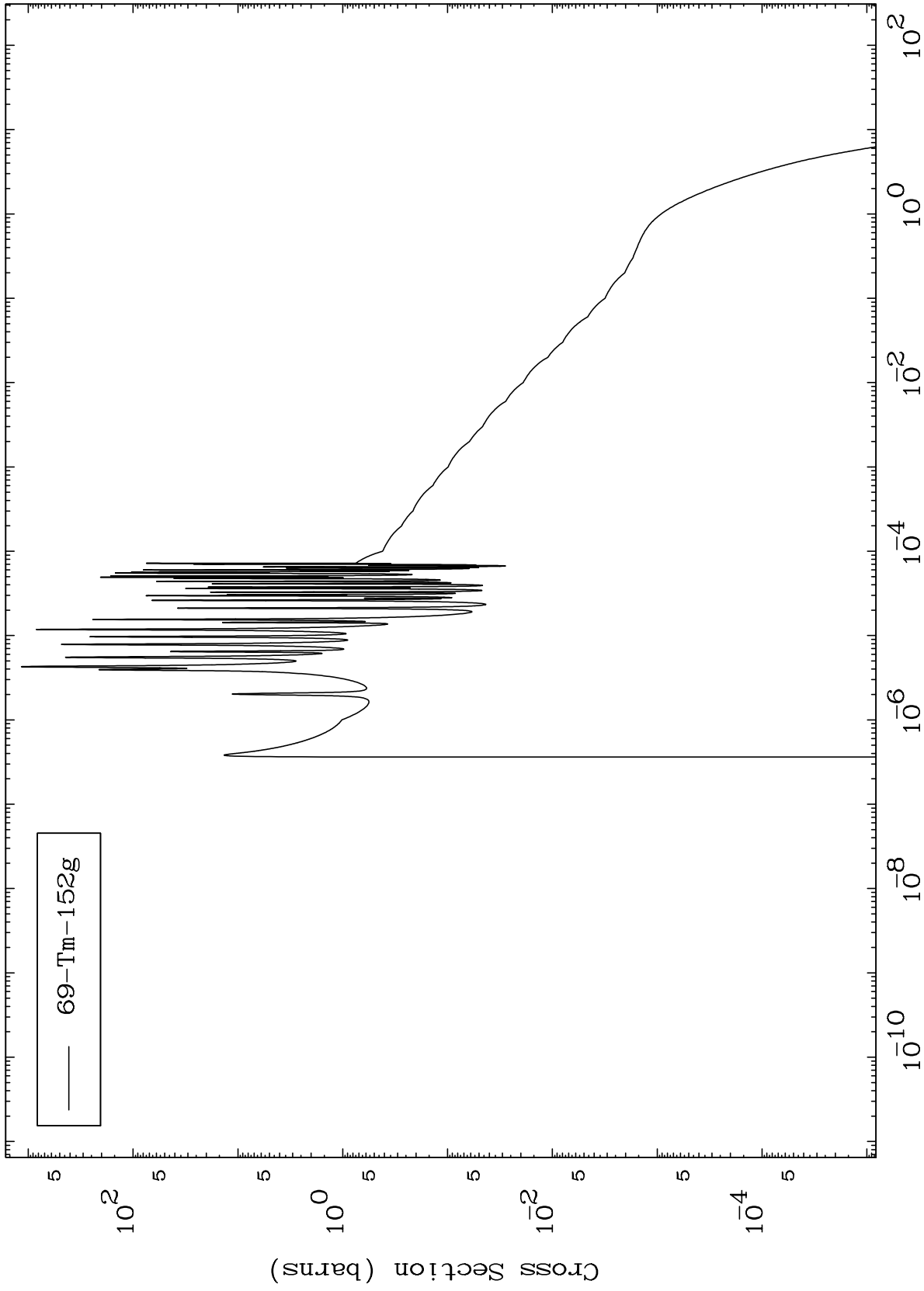
Incident Energy (MeV)

69-Tm-151

MAT 6872

69-Tm-151

(n,γ)
Radionuclide Production Cross Section



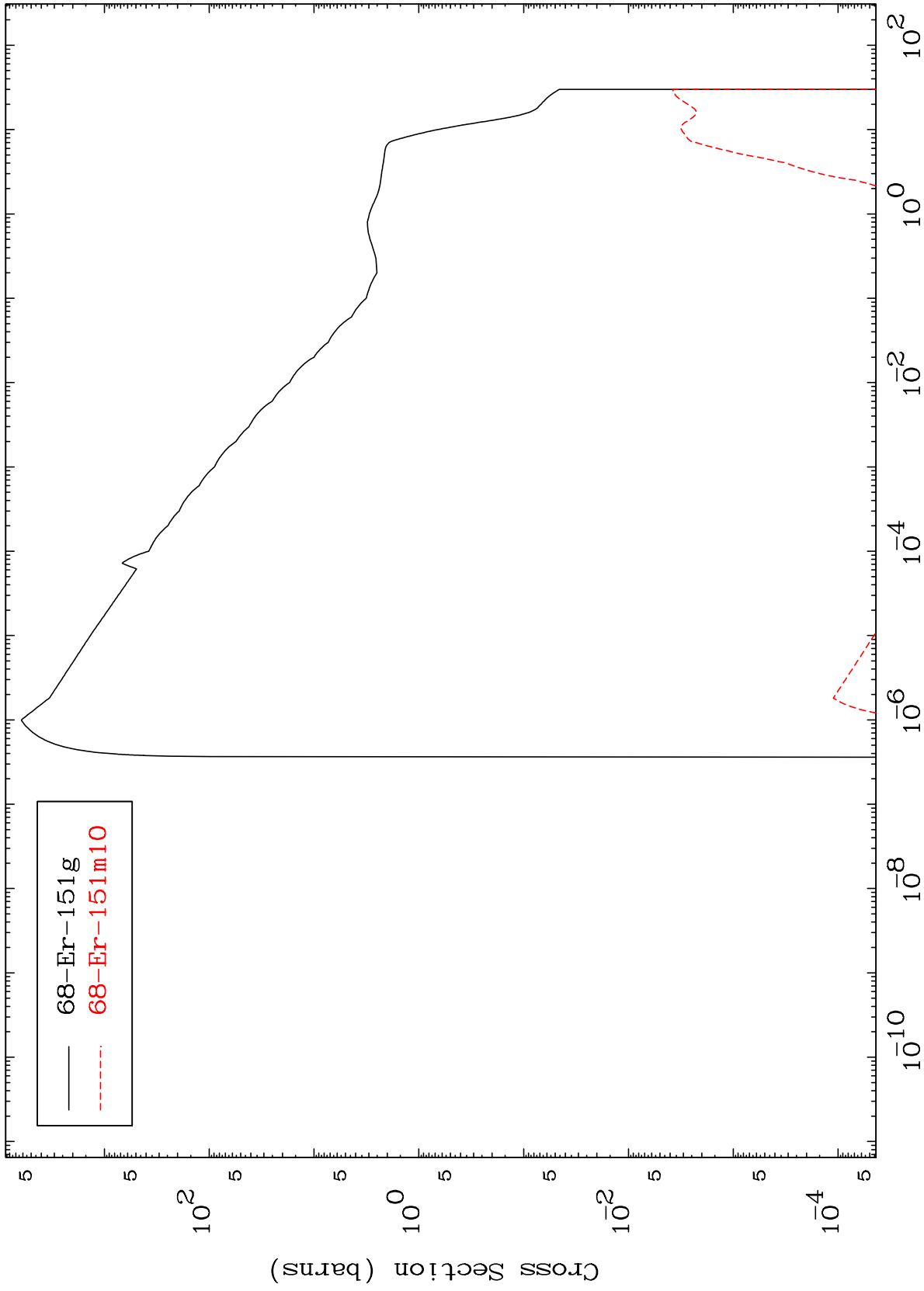
23

69-Tm-151

MAT 6872

69-Tm-151

(n,p)
Radionuclide Production Cross Section



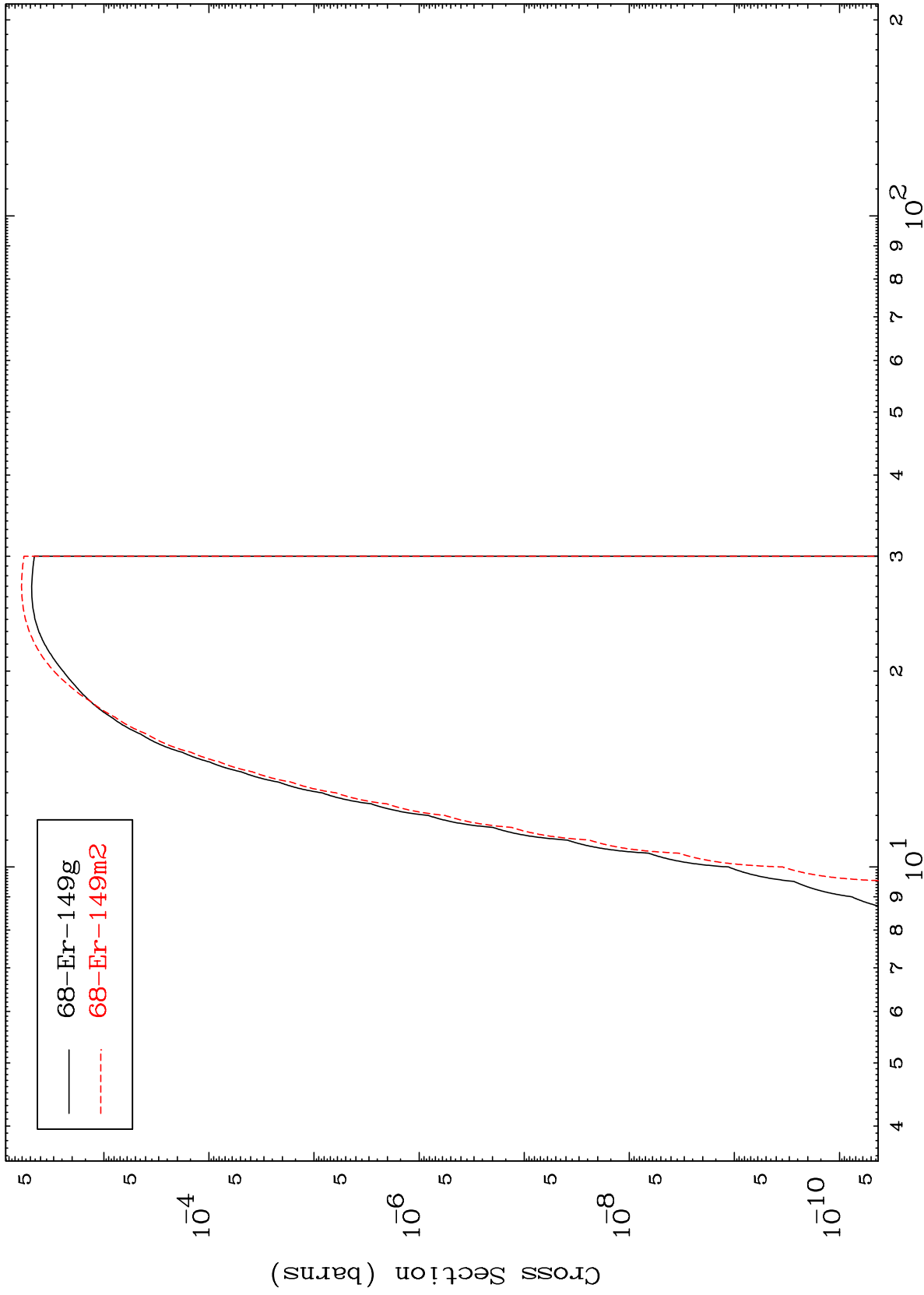
24

69-Tm-151

MAT 6872

69-Tm-151

(n, t)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

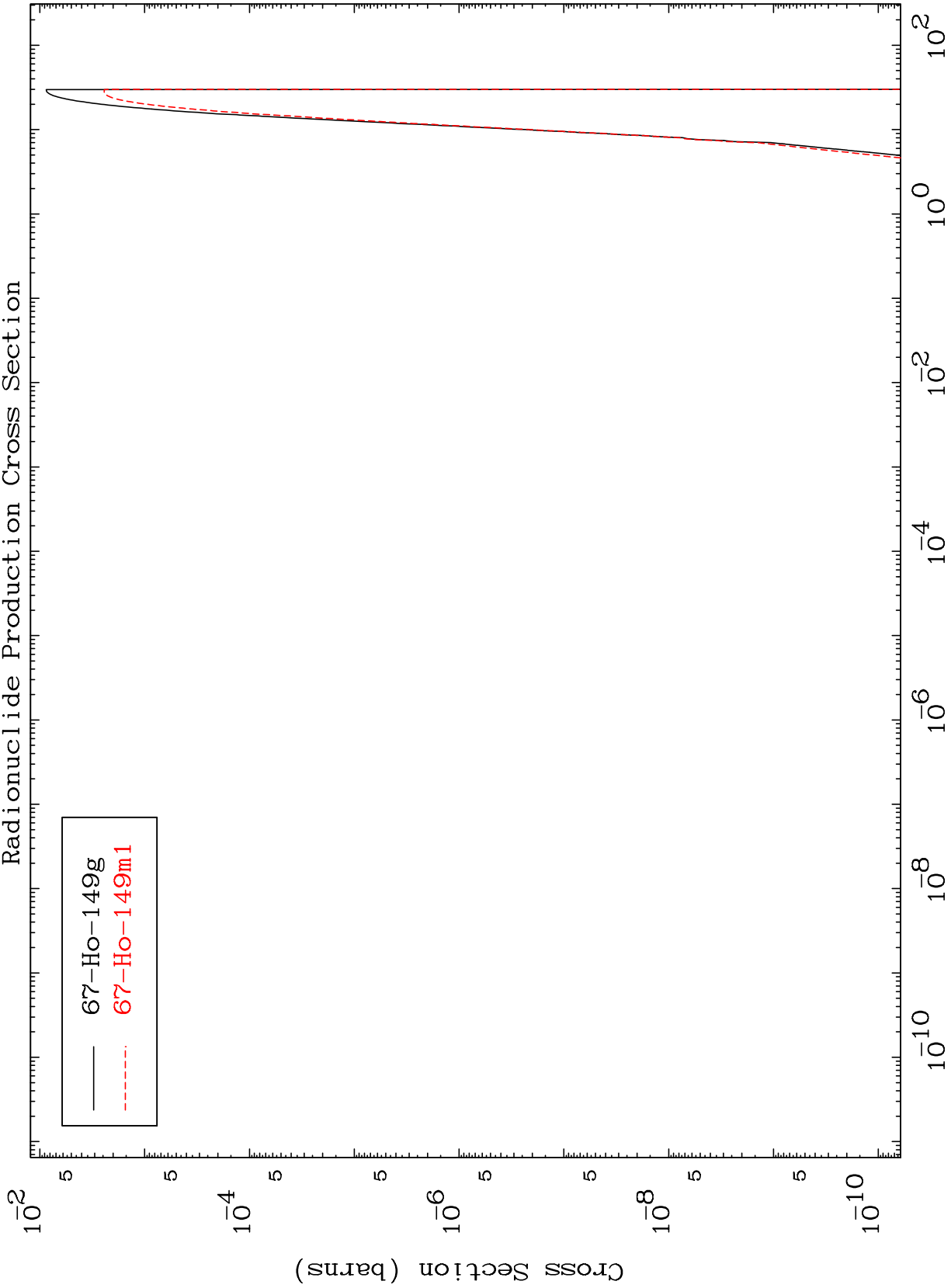
69-Tm-151

MAT 6872

(n, He-3)

69-Tm-151

Radionuclide Production Cross Section

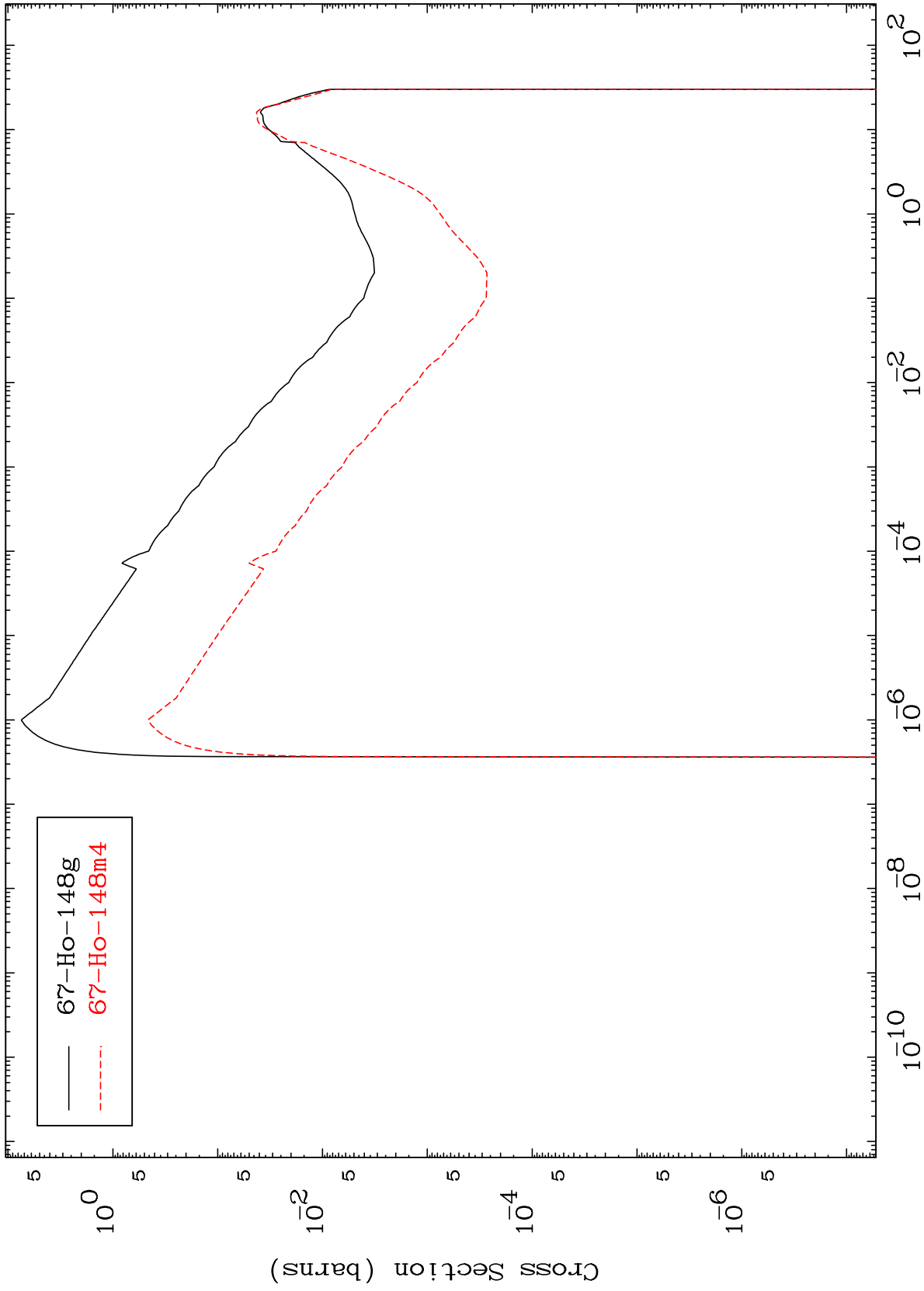


MAT 6872

(n, α)

69-Tm-151

Radionuclide Production Cross Section



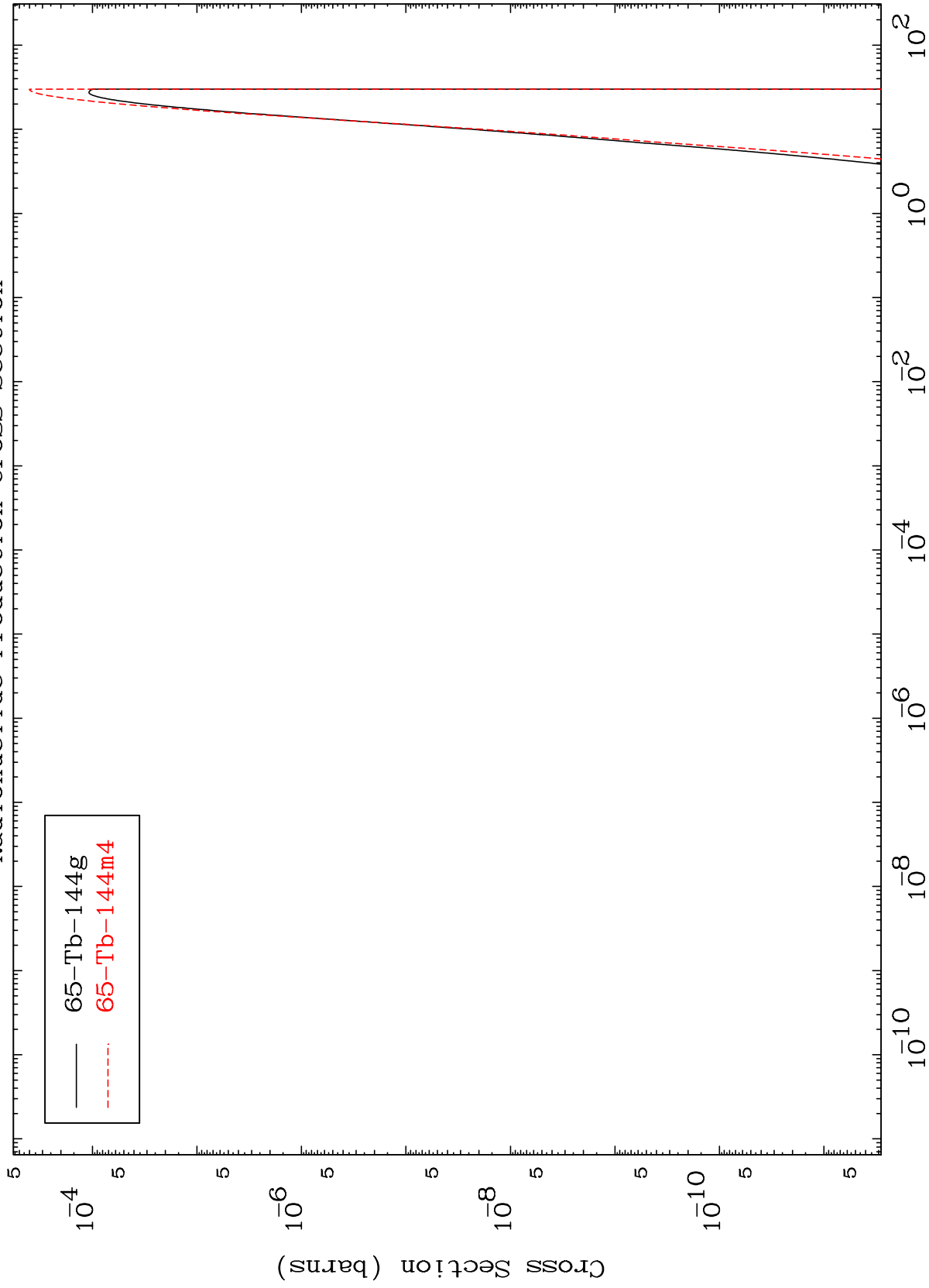
67-Ho-148g
67-Ho-148m4

MAT 6872

(n,2α)

69-Tm-151

Radionuclide Production Cross Section



28

Incident Energy (MeV)

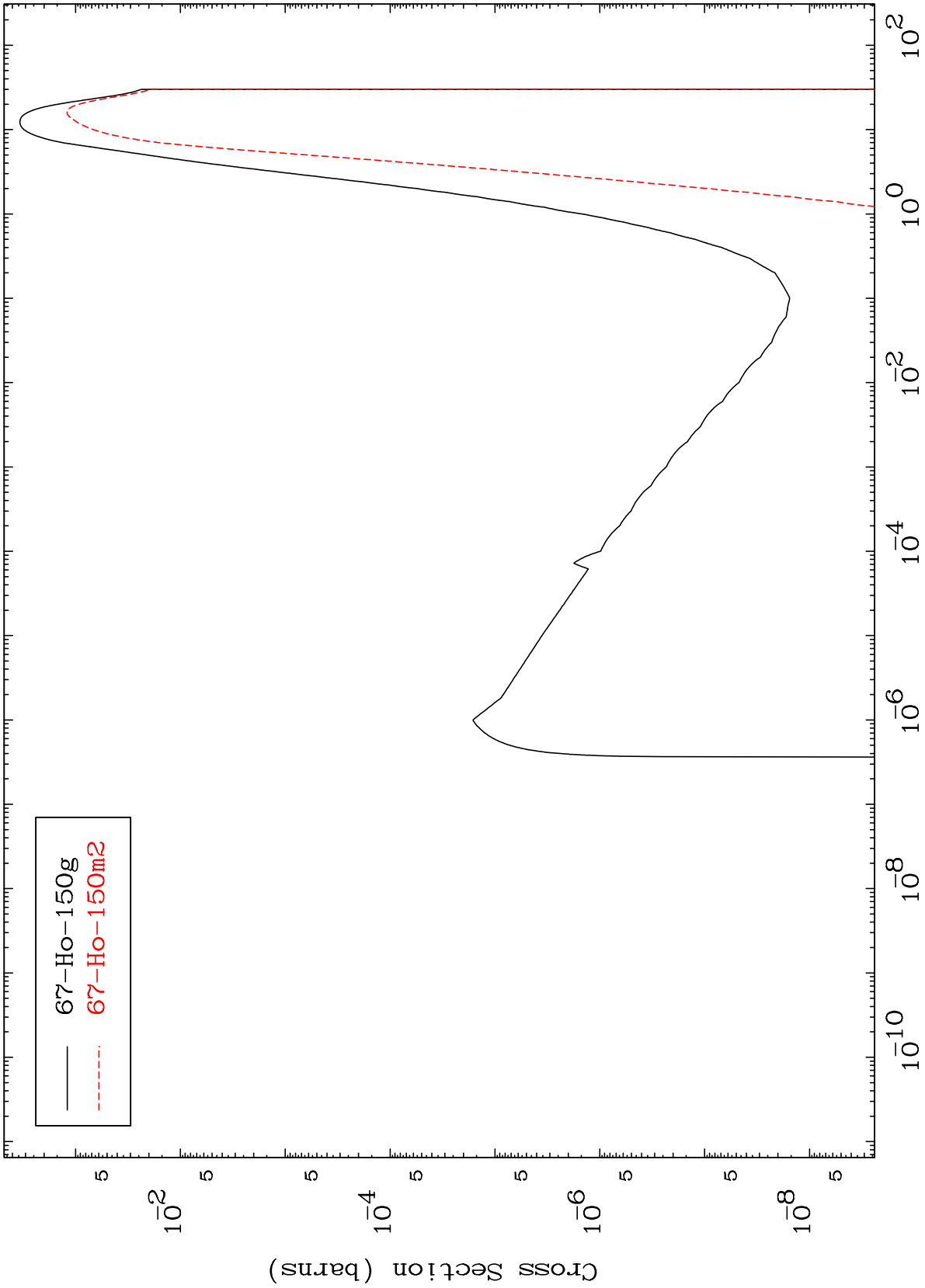
69-Tm-151

MAT 6872

(n,2p)

69-Tm-151

Radionuclide Production Cross Section



29

Incident Energy (MeV)

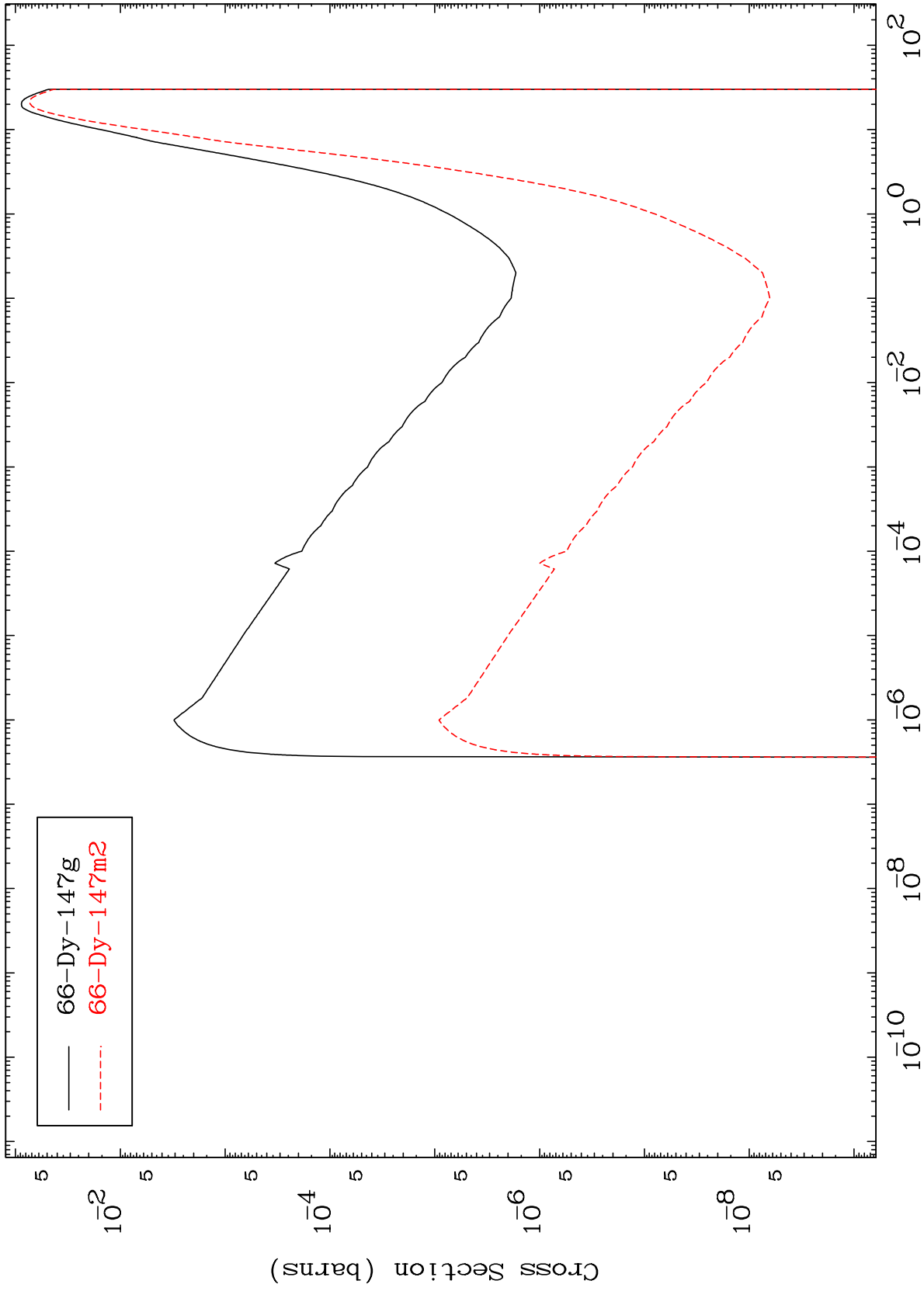
69-Tm-151

MAT 6872

(n,p) α

69-Tm-151

Radionuclide Production Cross Section



30

Incident Energy (MeV)

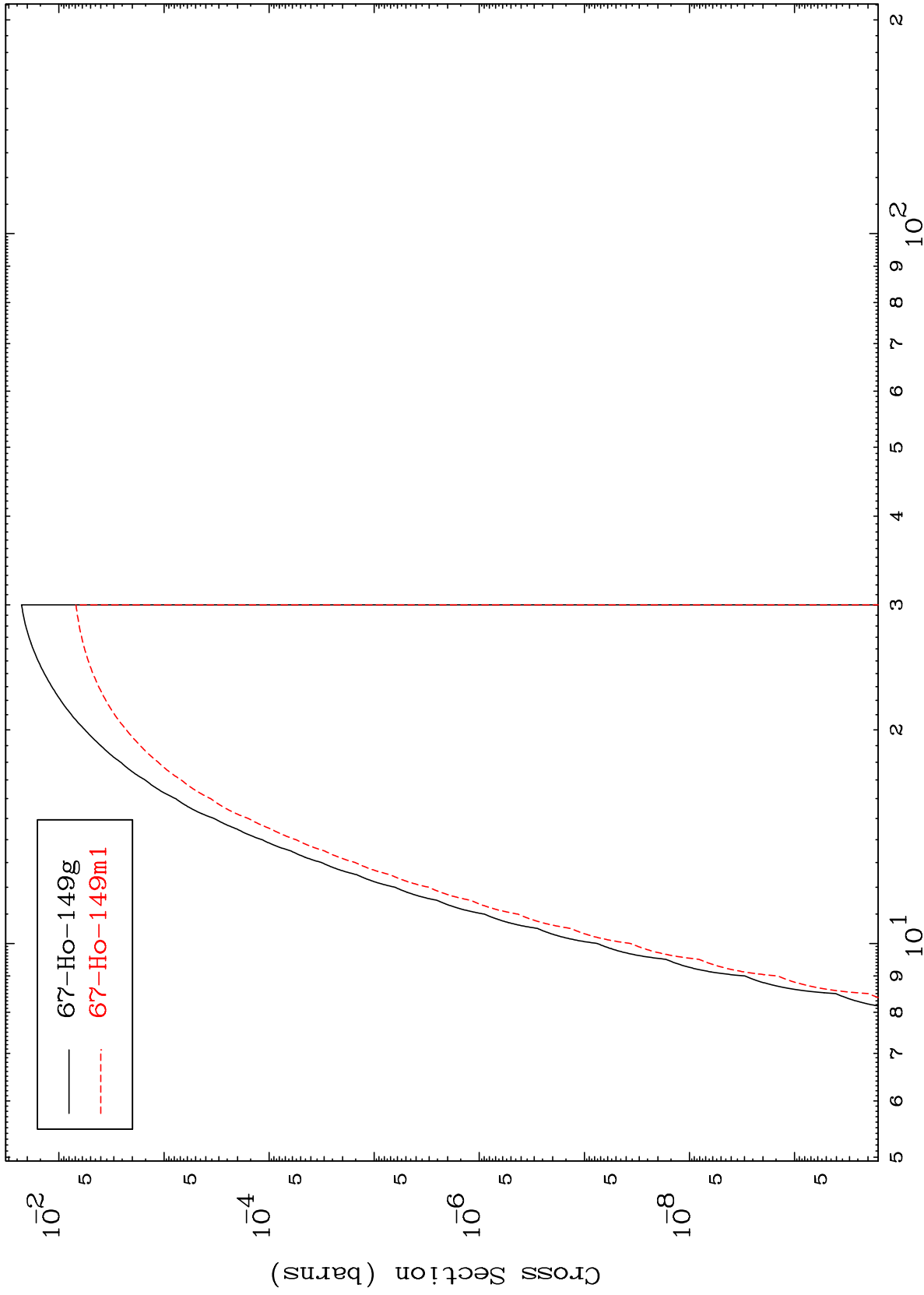
69-Tm-151

MAT 6872

(n,p) d

69-Tm-151

Radionuclide Production Cross Section



31

Incident Energy (MeV)

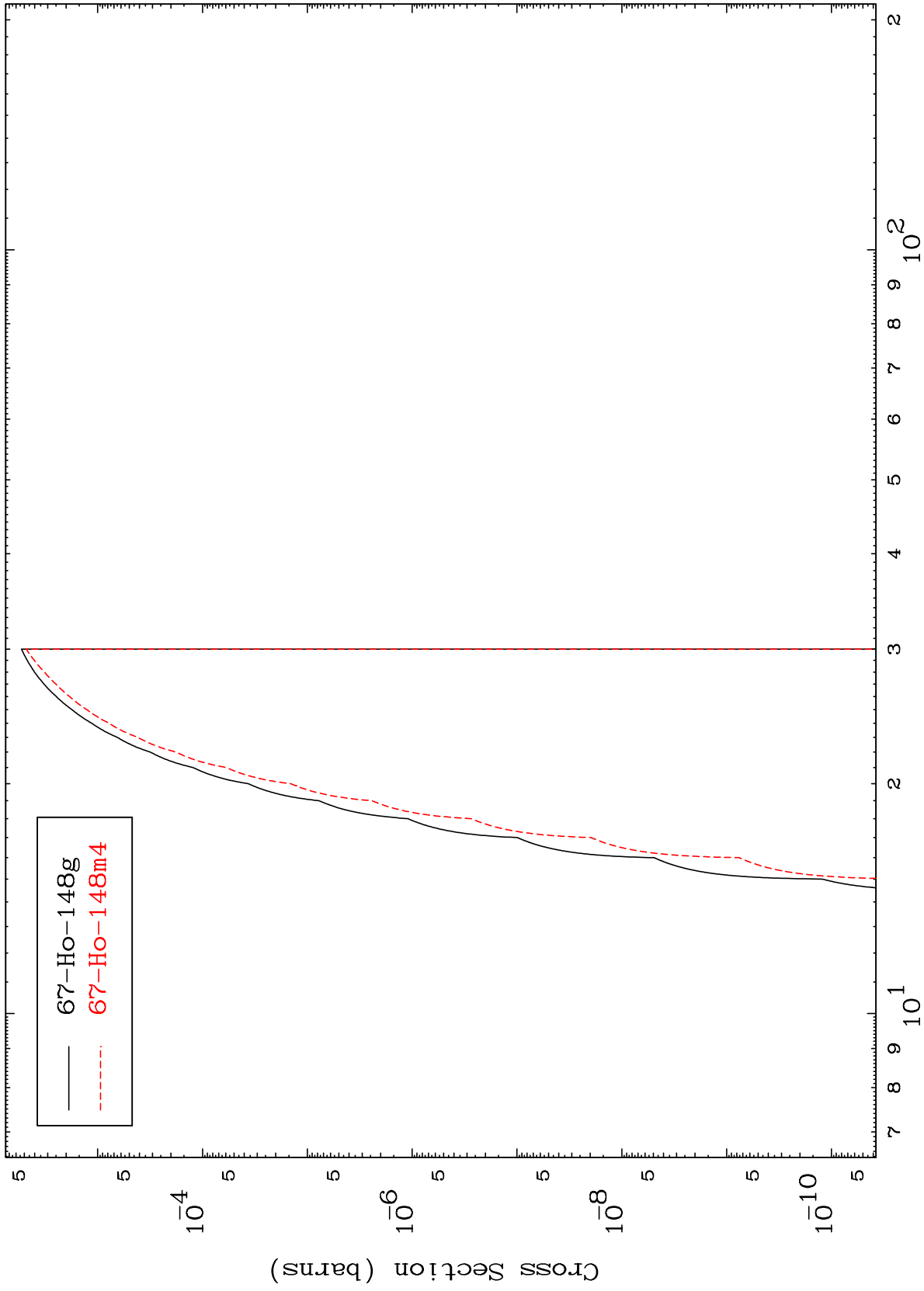
69-Tm-151

MAT 6872

(n,p) t

69-Tm-151

Radionuclide Production Cross Section



32

Incident Energy (MeV)

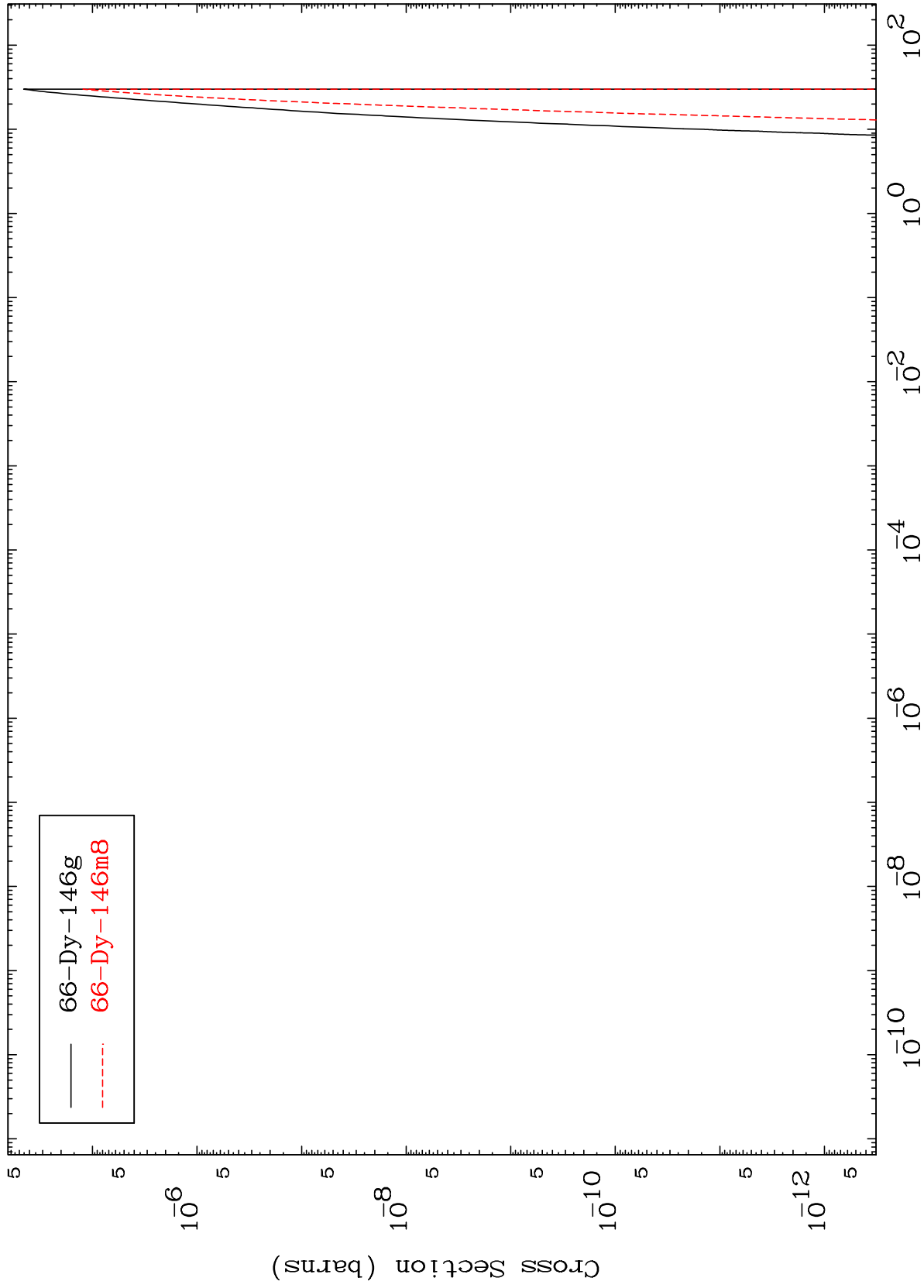
69-Tm-151

MAT 6872

(n,d) α

69-Tm-151

Radionuclide Production Cross Section



33

Incident Energy (MeV)

69-Tm-151