

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

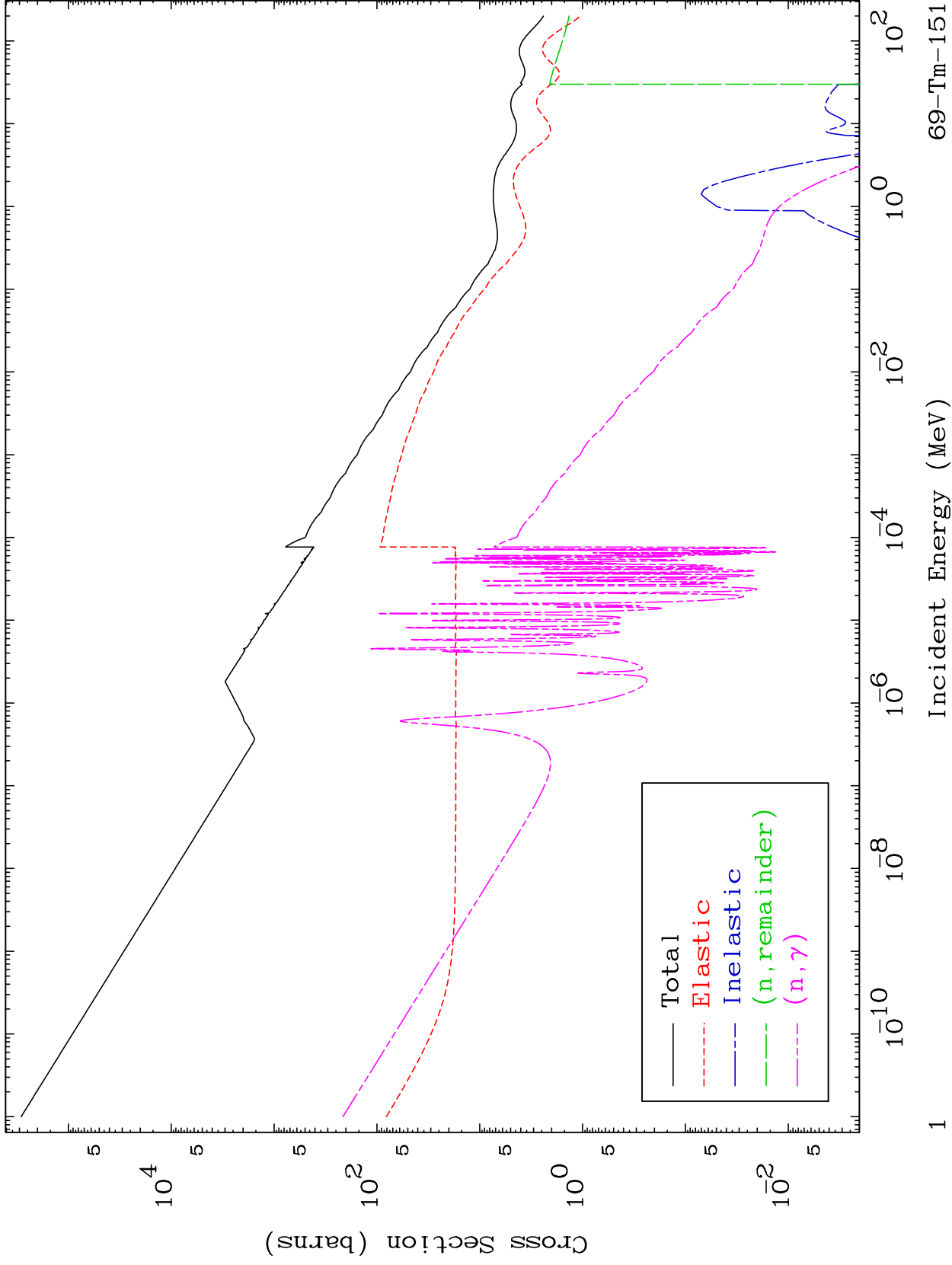
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6872

Major
293 Kelvin Cross Sections

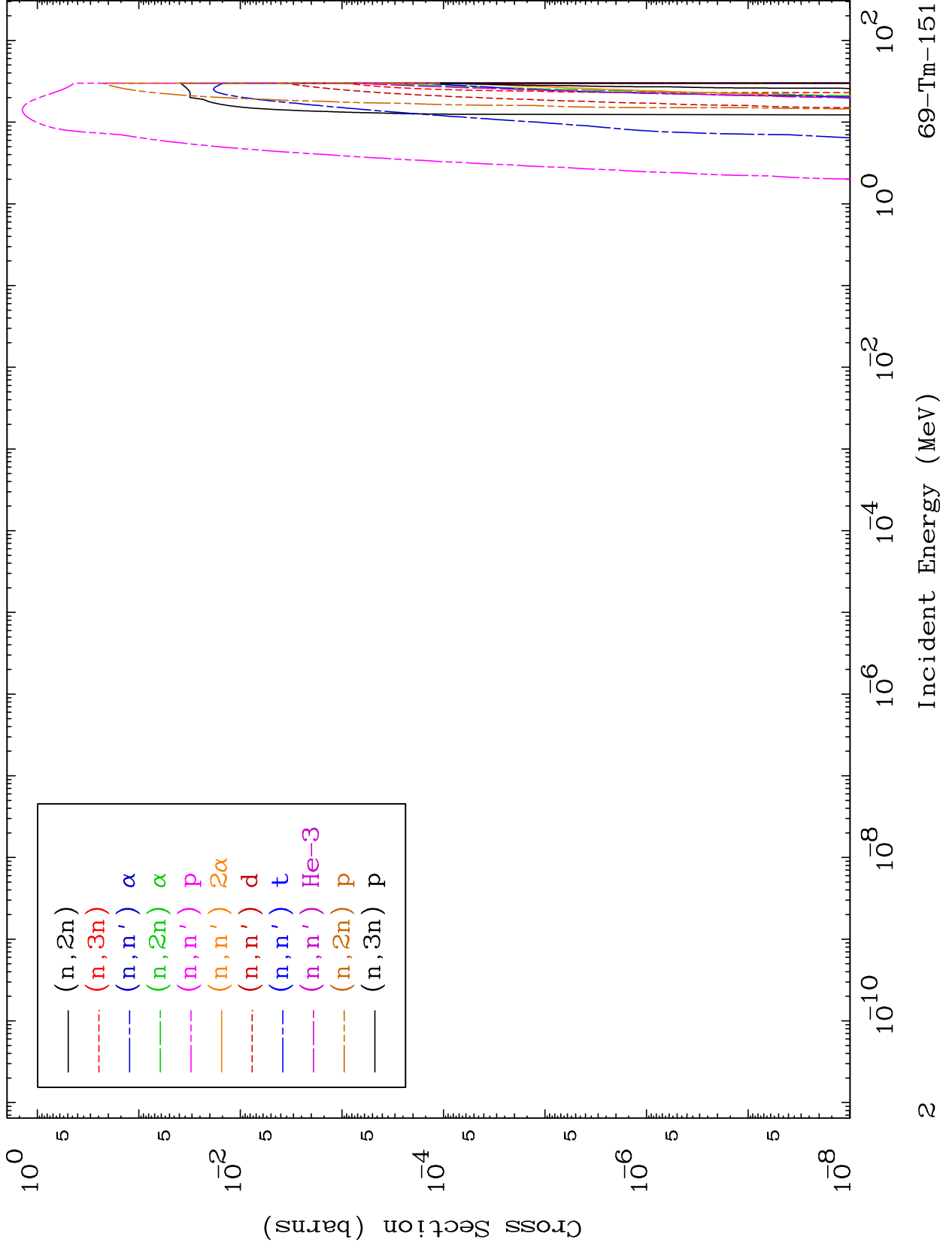
69-Tm-151



MAT 6872

Neutron Production
293 Kelvin Cross Sections

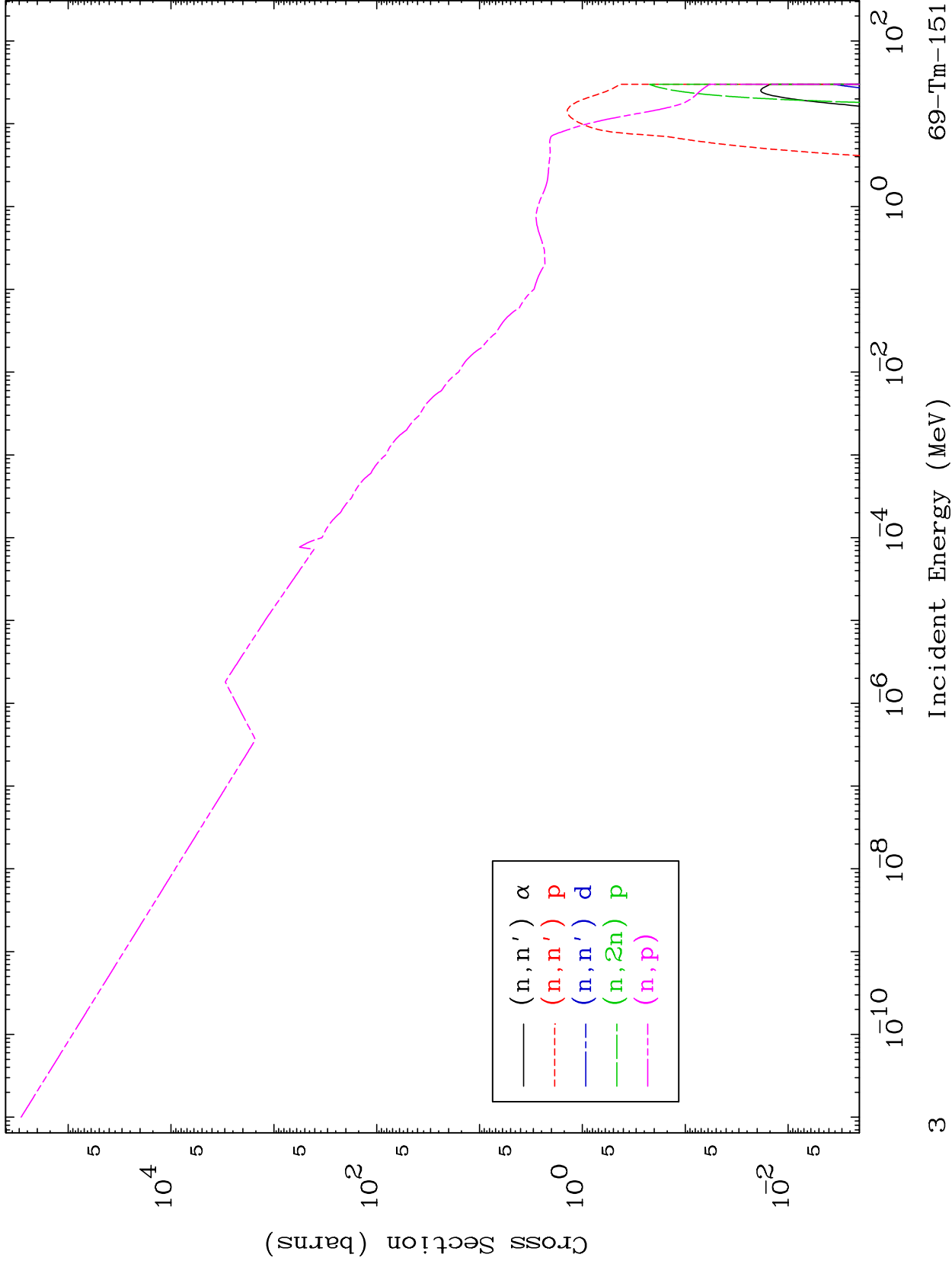
69-Tm-151



MAT 6872

Charged Particle
293 Kelvin Cross Sections

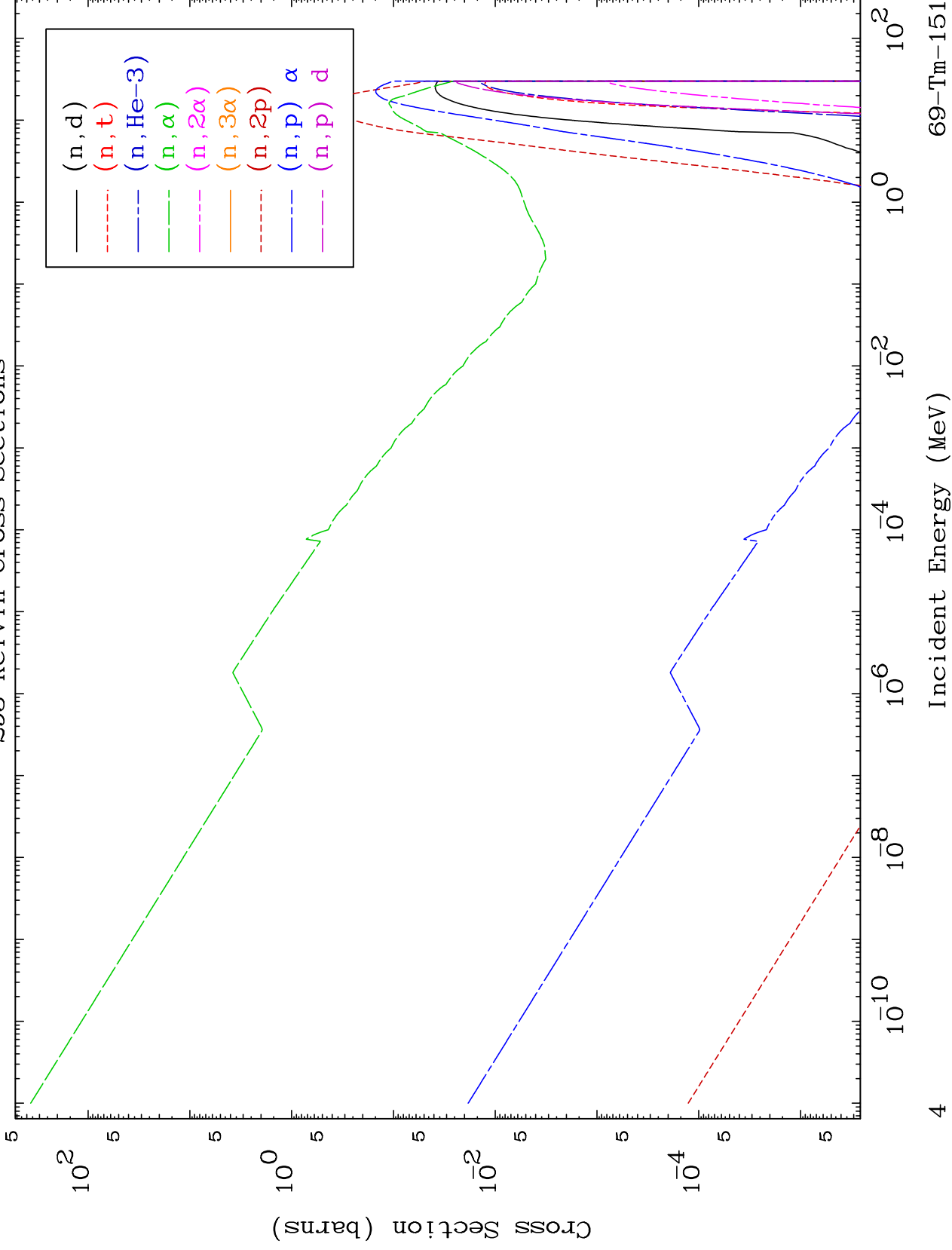
69-Tm-151



MAT 6872

Charged Particle
293 Kelvin Cross Sections

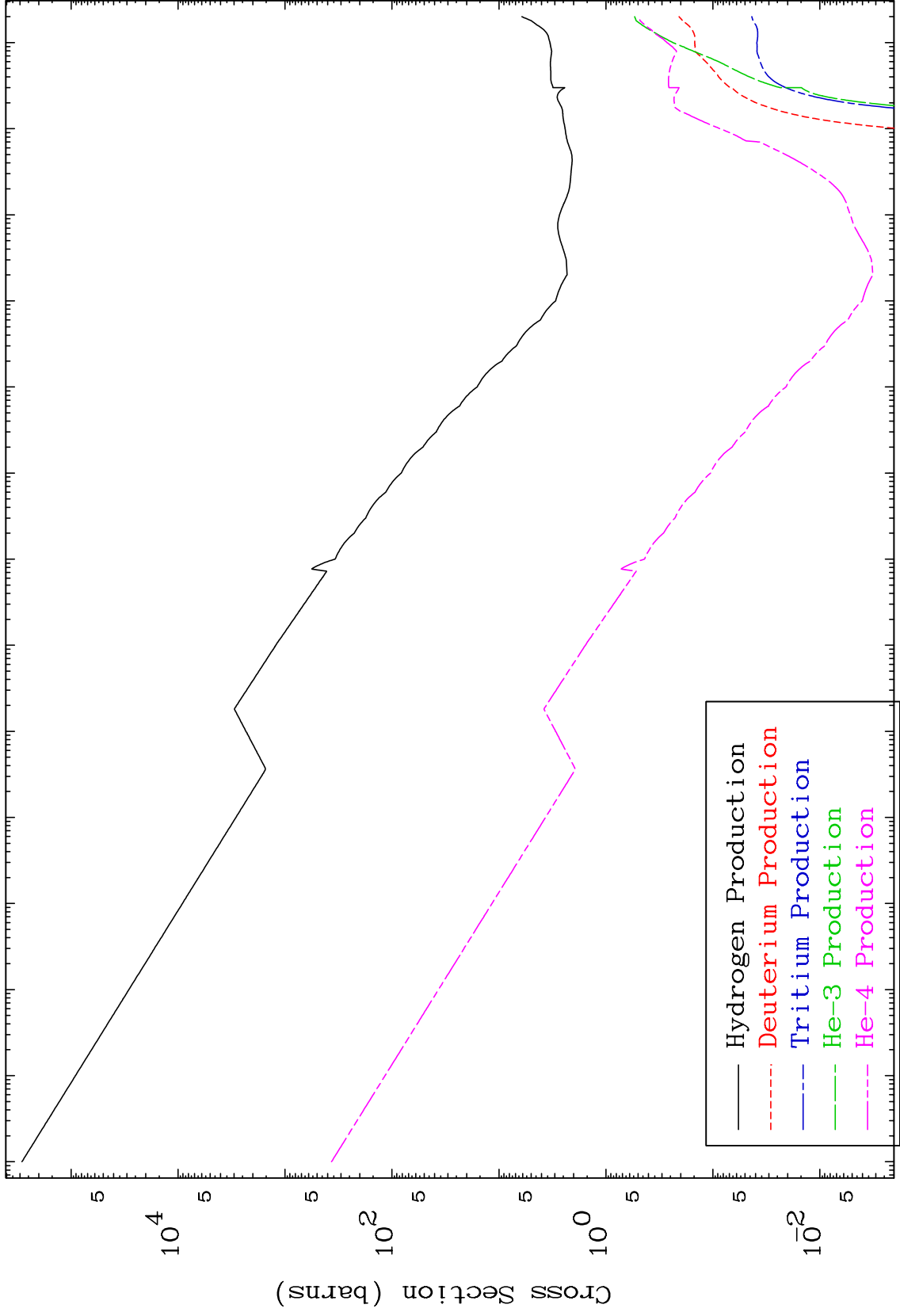
69-Tm-151



MAT 6872

Particle Production
293 Kelvin Cross Sections

69-Tm-151



5

Incident Energy (MeV)

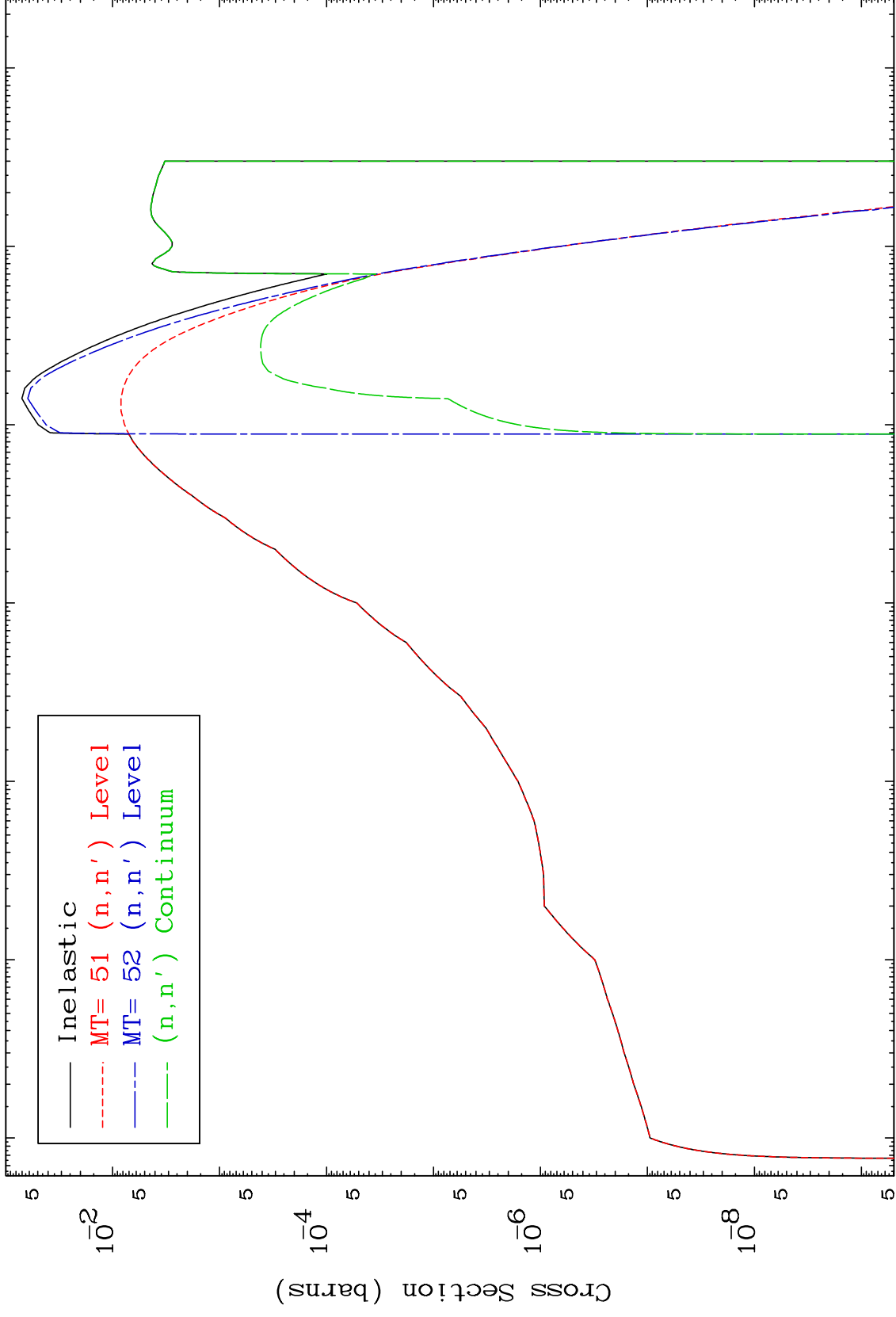
69-Tm-151

MAT 6872

(n,n') Level

69-Tm-151

293 Kelvin Cross Sections



— Inelastic
- - - MT= 51 (n,n') Level
- . - MT= 52 (n,n') Level
- . . (n,n') Continuum

6

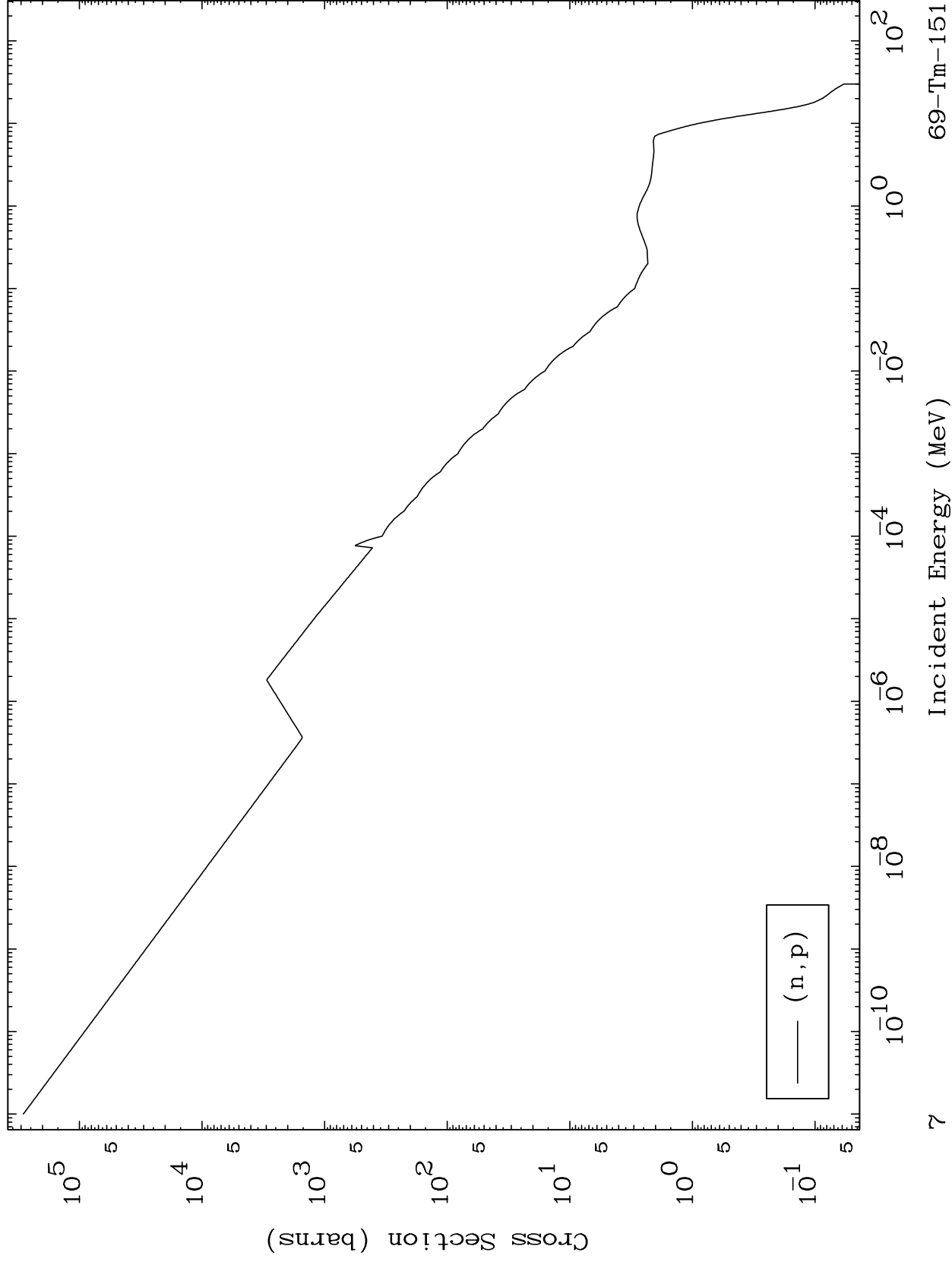
Incident Energy (MeV)

69-Tm-151

MAT 6872

(n,p) Levels
293 Kelvin Cross Sections

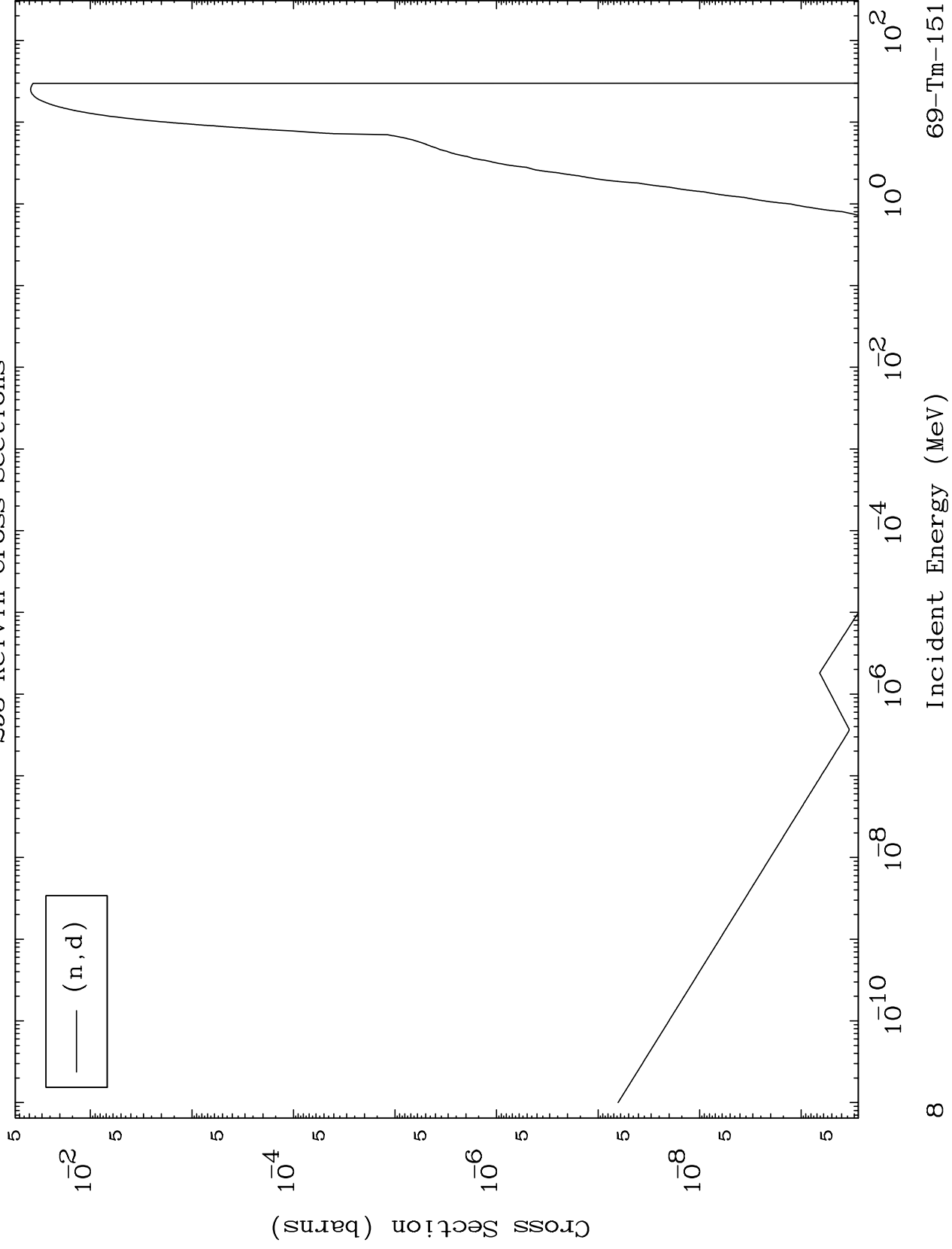
69-Tm-151



MAT 6872

(n,d) Levels
293 Kelvin Cross Sections

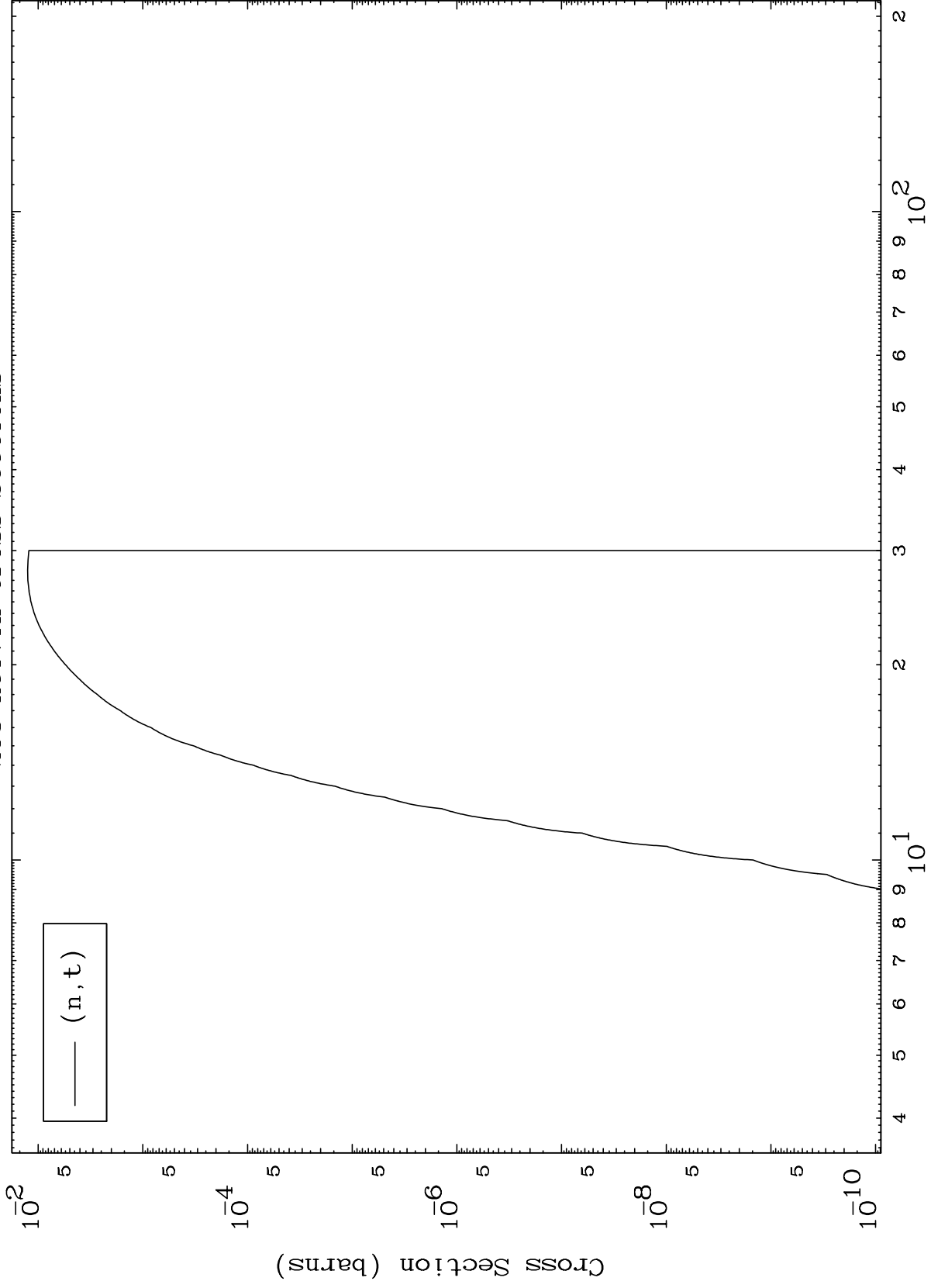
69-Tm-151



MAT 6872

(n,t) Levels
293 Kelvin Cross Sections

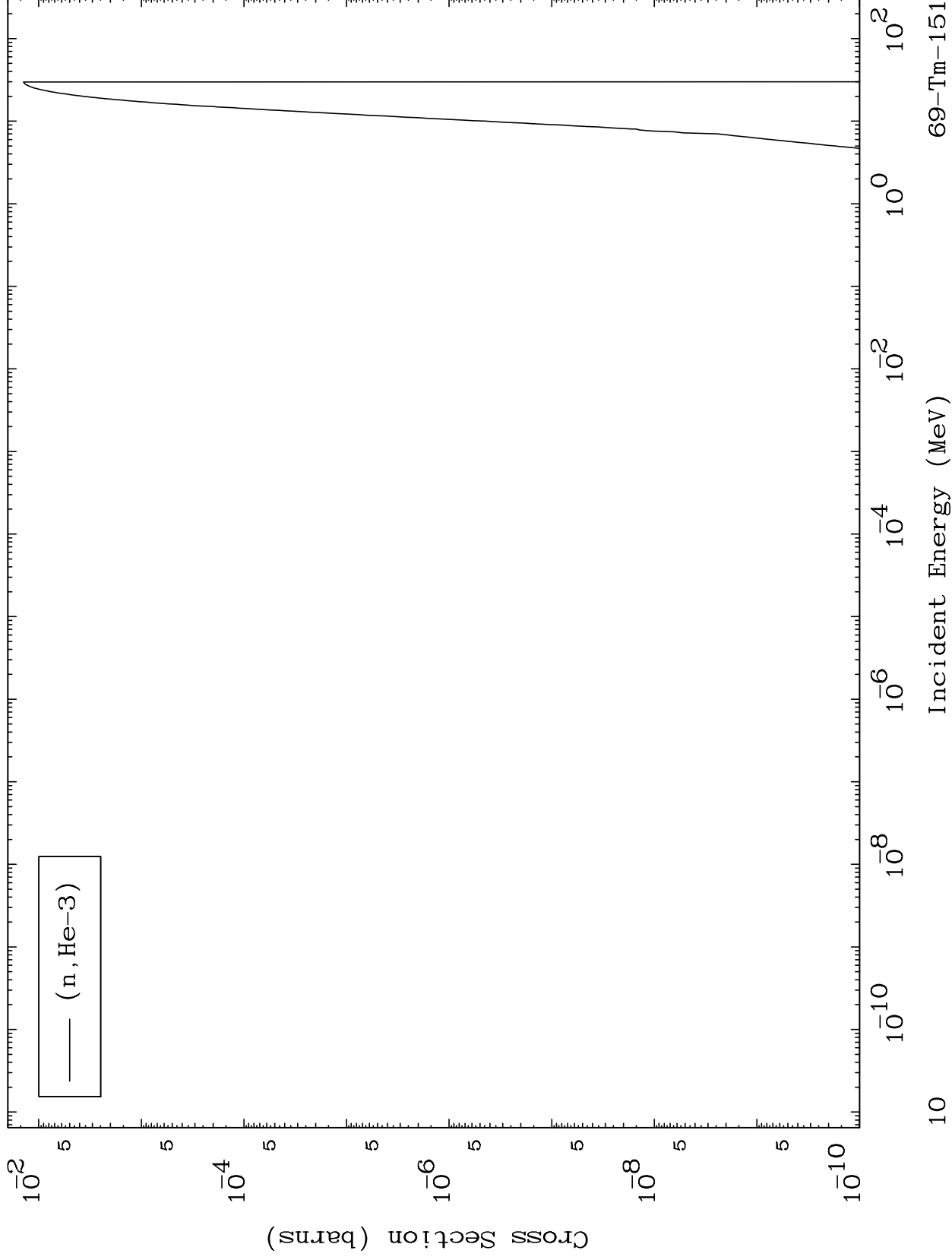
69-Tm-151



MAT 6872

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-151



(n, He-3)

10

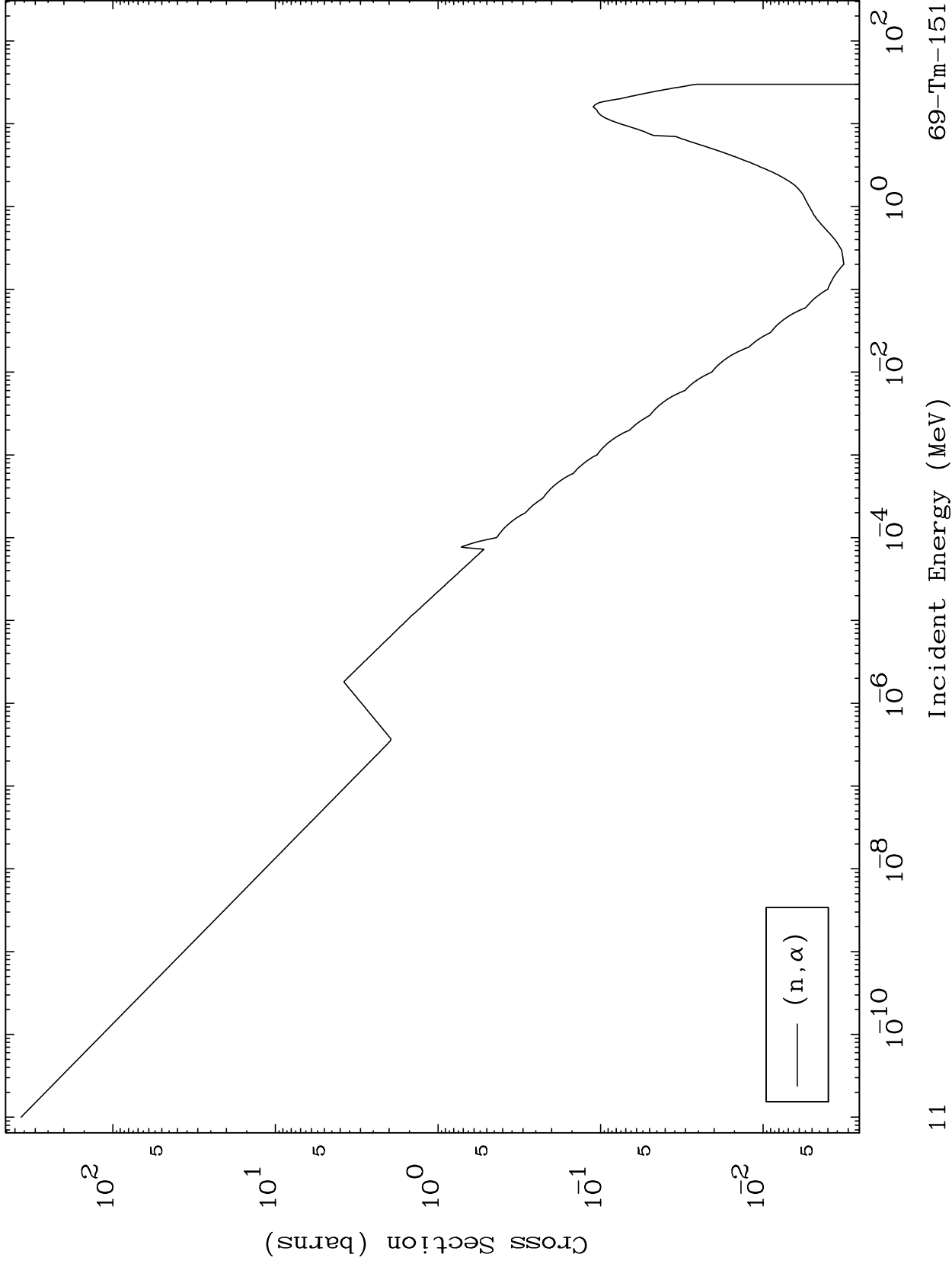
Incident Energy (MeV)

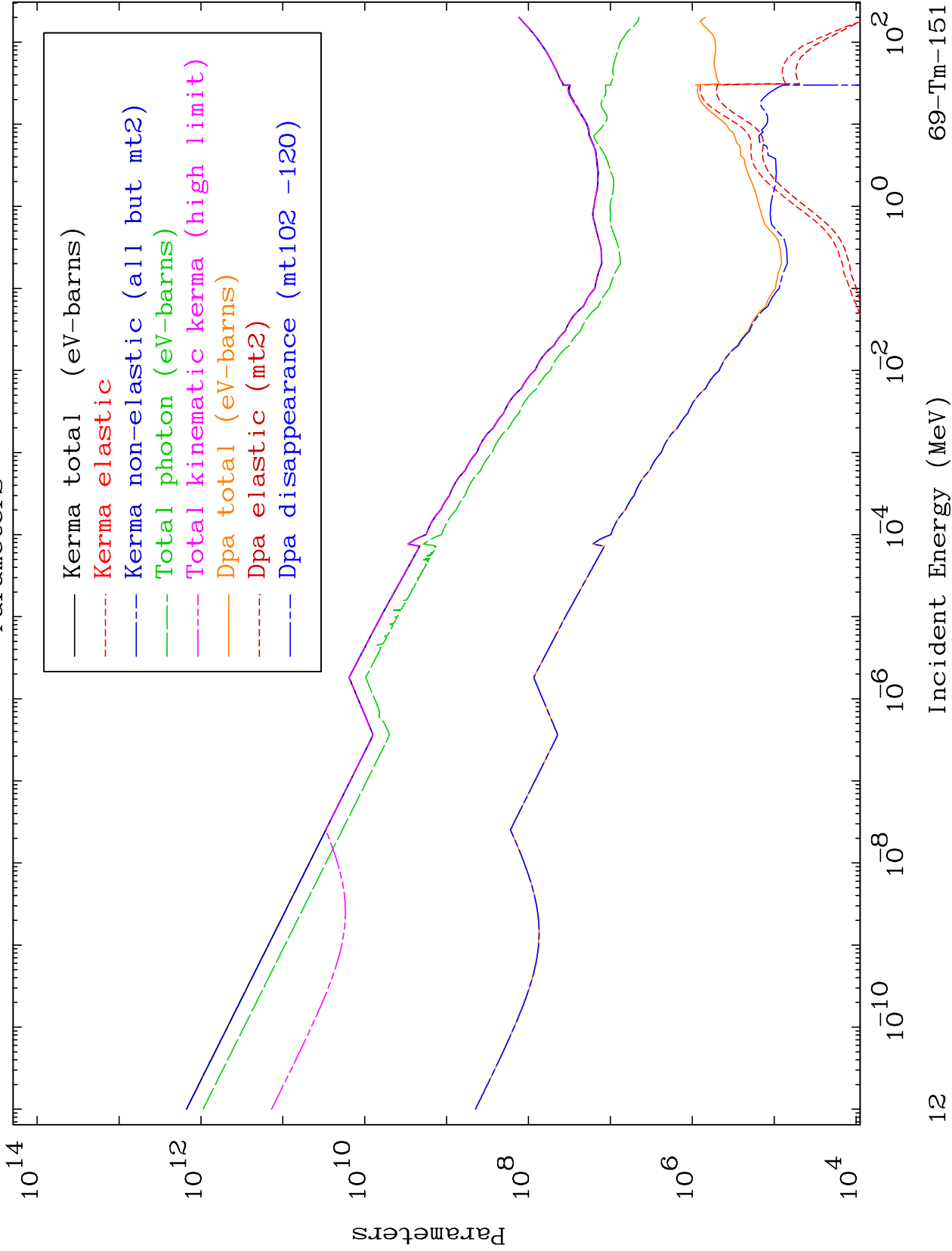
69-Tm-151

MAT 6872

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-151

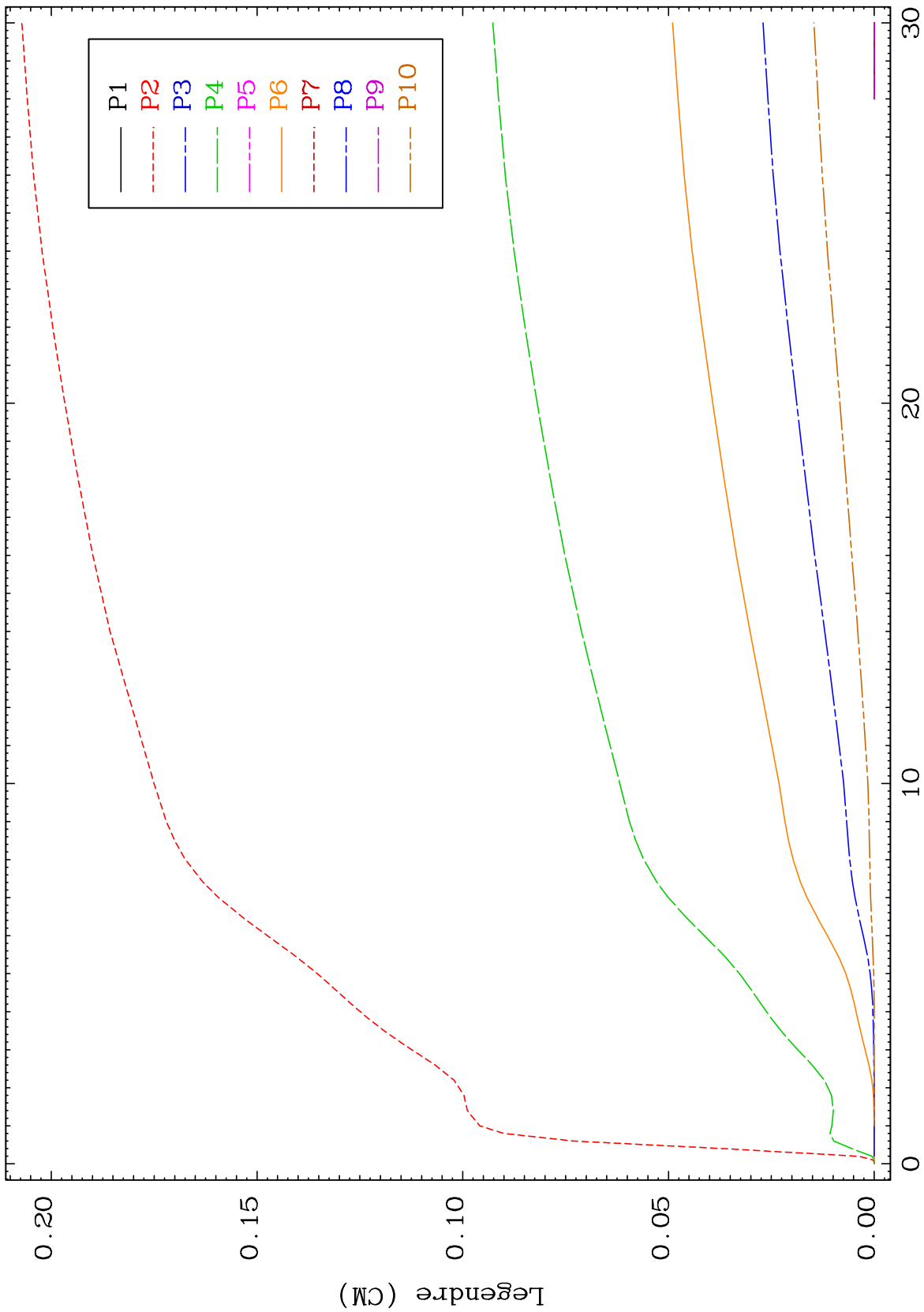




MAT 6872

Elastic Legendre Coefficients

69-Tm-151



13

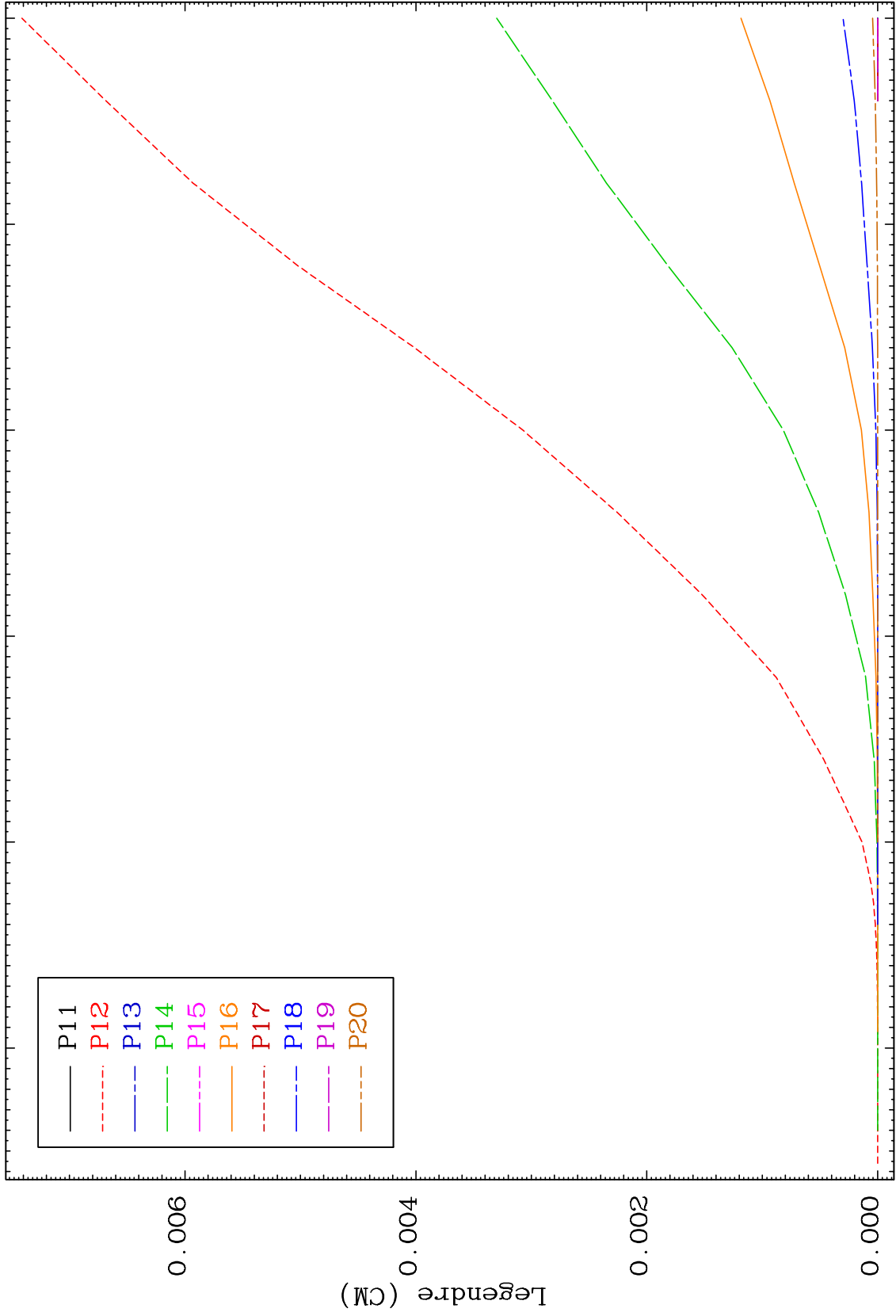
Incident Energy (MeV)

69-Tm-151

MAT 6872

Elastic
Legendre Coefficients

69-Tm-151



14

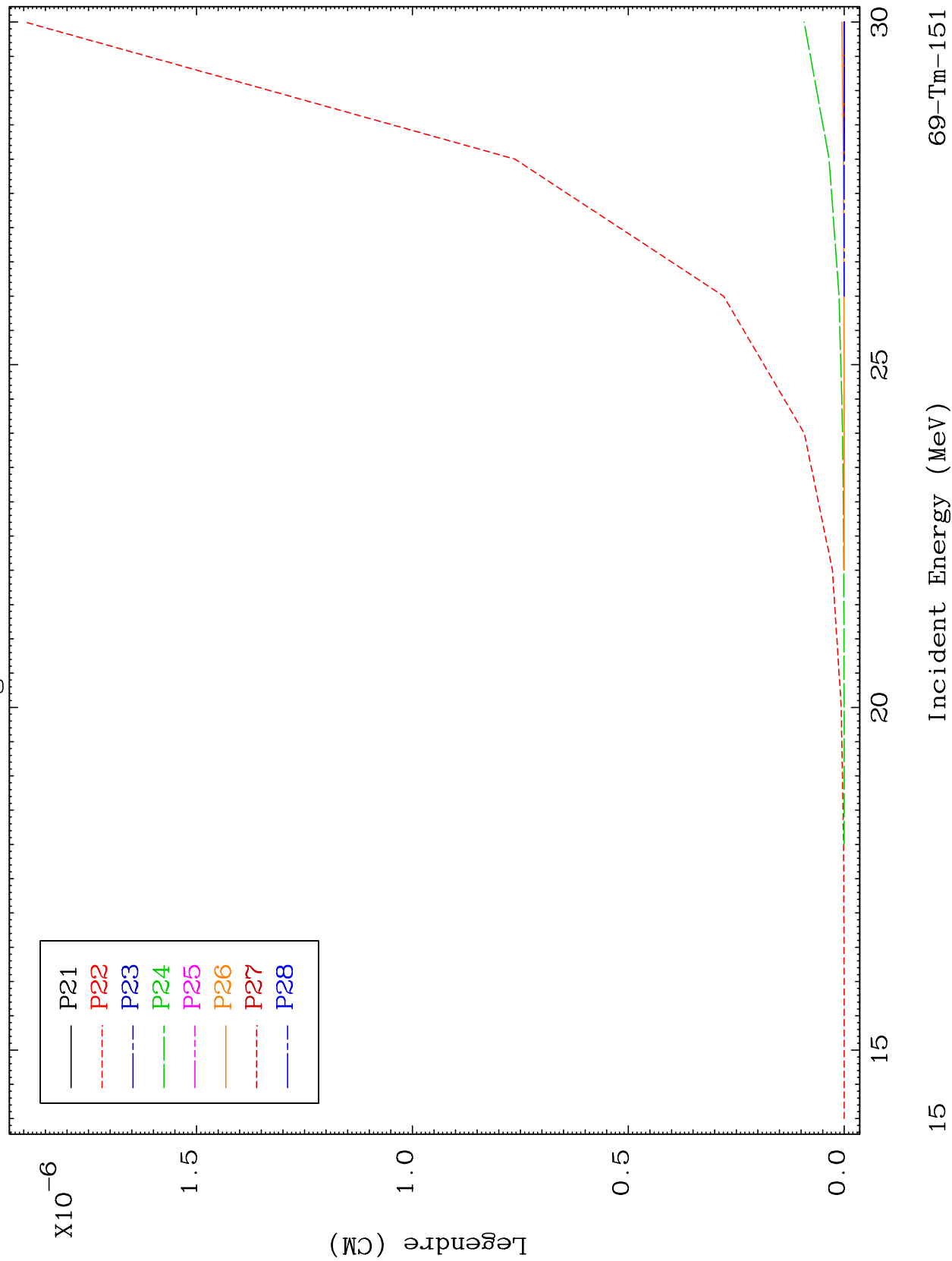
Incident Energy (MeV)

69-Tm-151

MAT 6872

Elastic
Legendre Coefficients

69-Tm-151



15

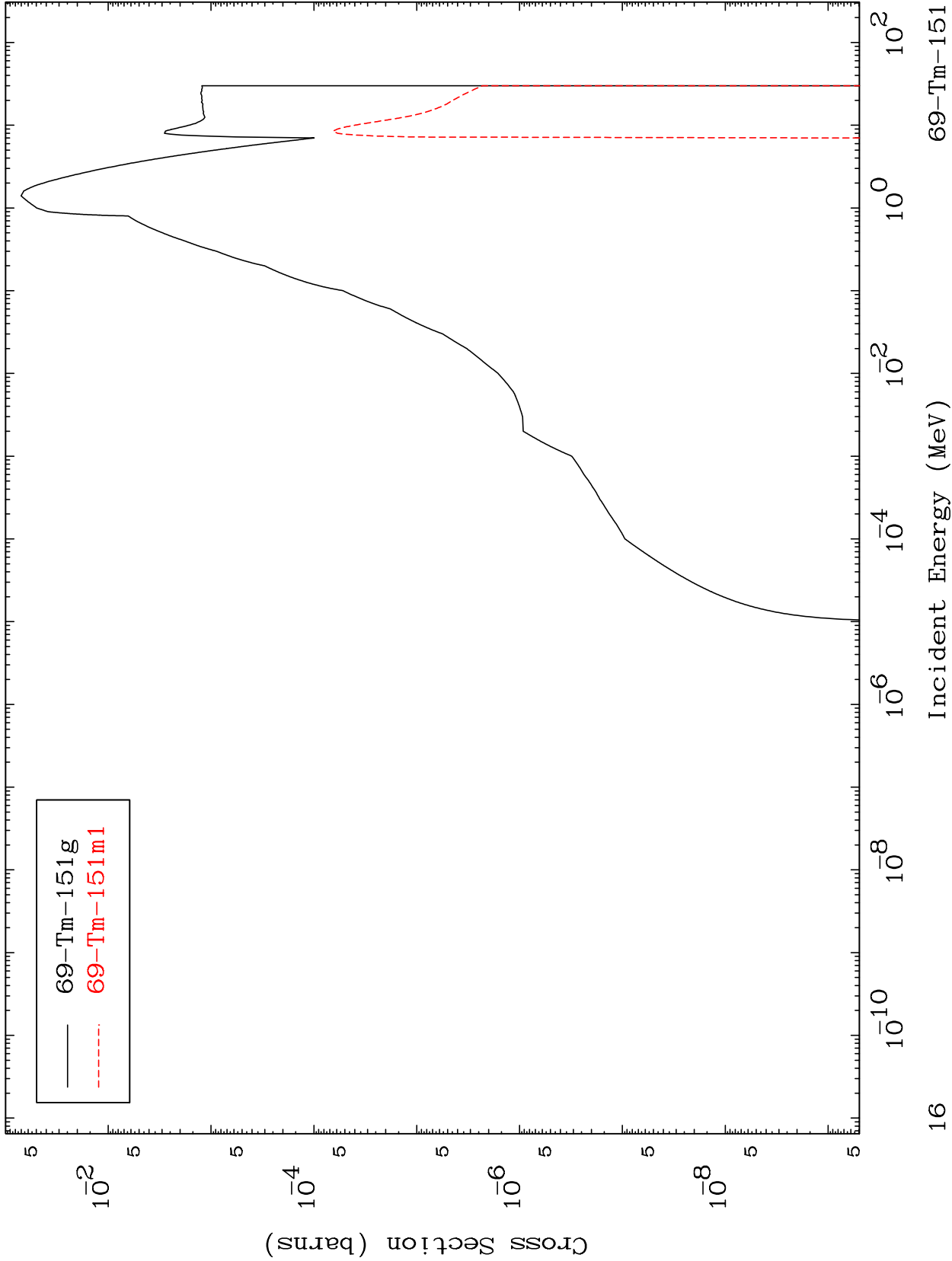
Incident Energy (MeV)

69-Tm-151

MAT 6872

Inelastic
Radionuclide Production Cross Section

69-Tm-151

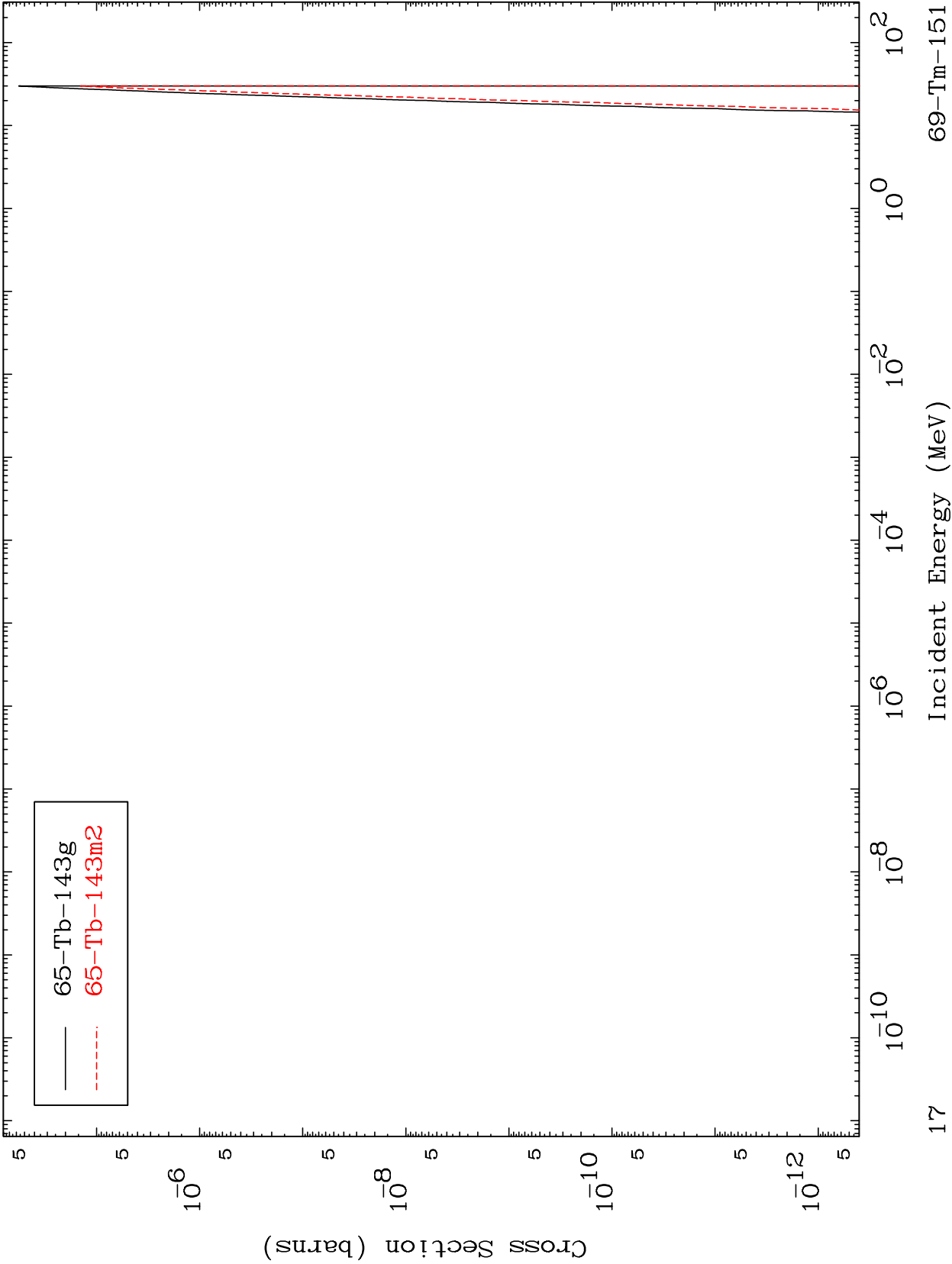


MAT 6872

(n,n') 2α

69-Tm-151

Radionuclide Production Cross Section

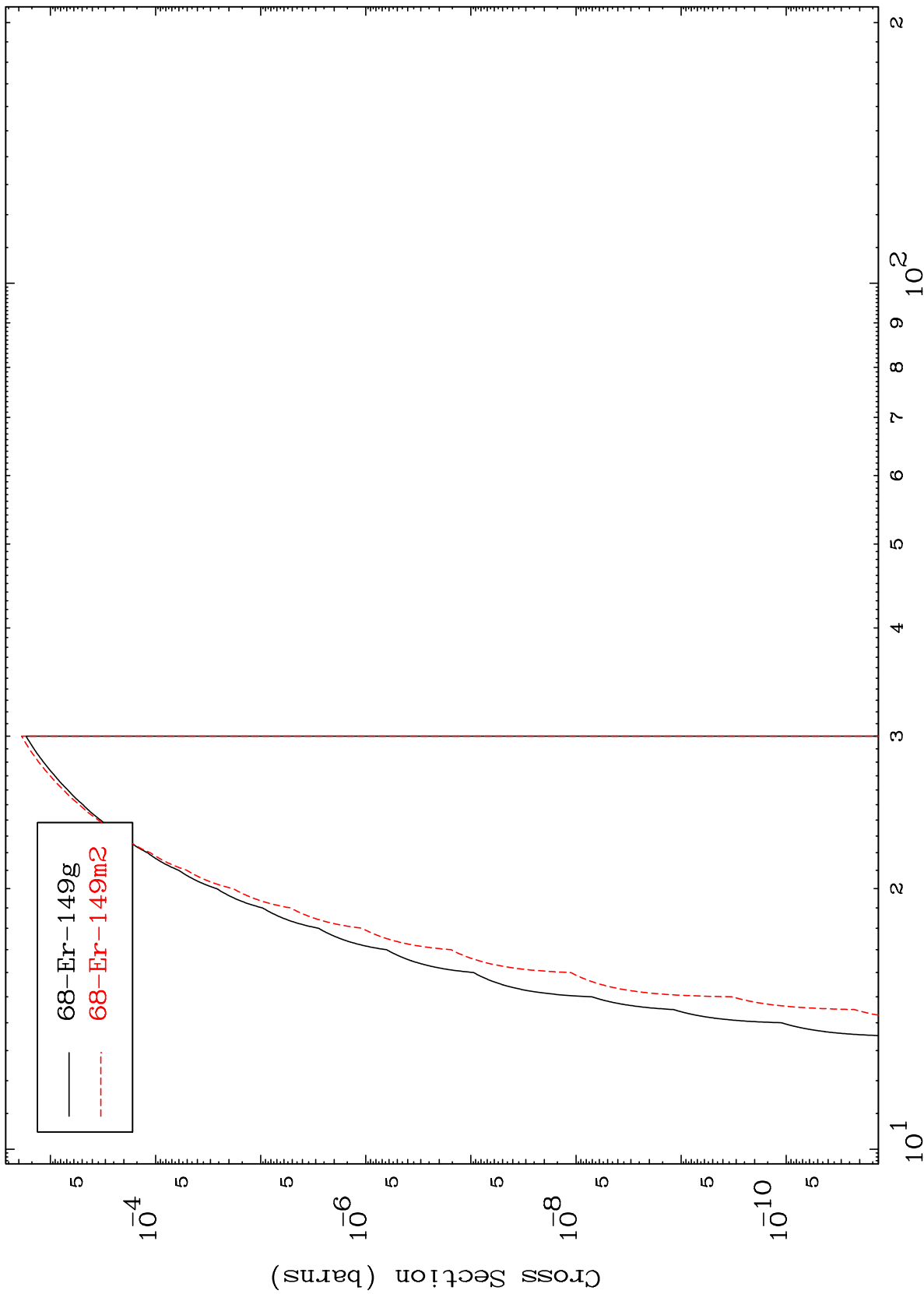


MAT 6872

(n,n') d

69-Tm-151

Radionuclide Production Cross Section



Incident Energy (MeV)

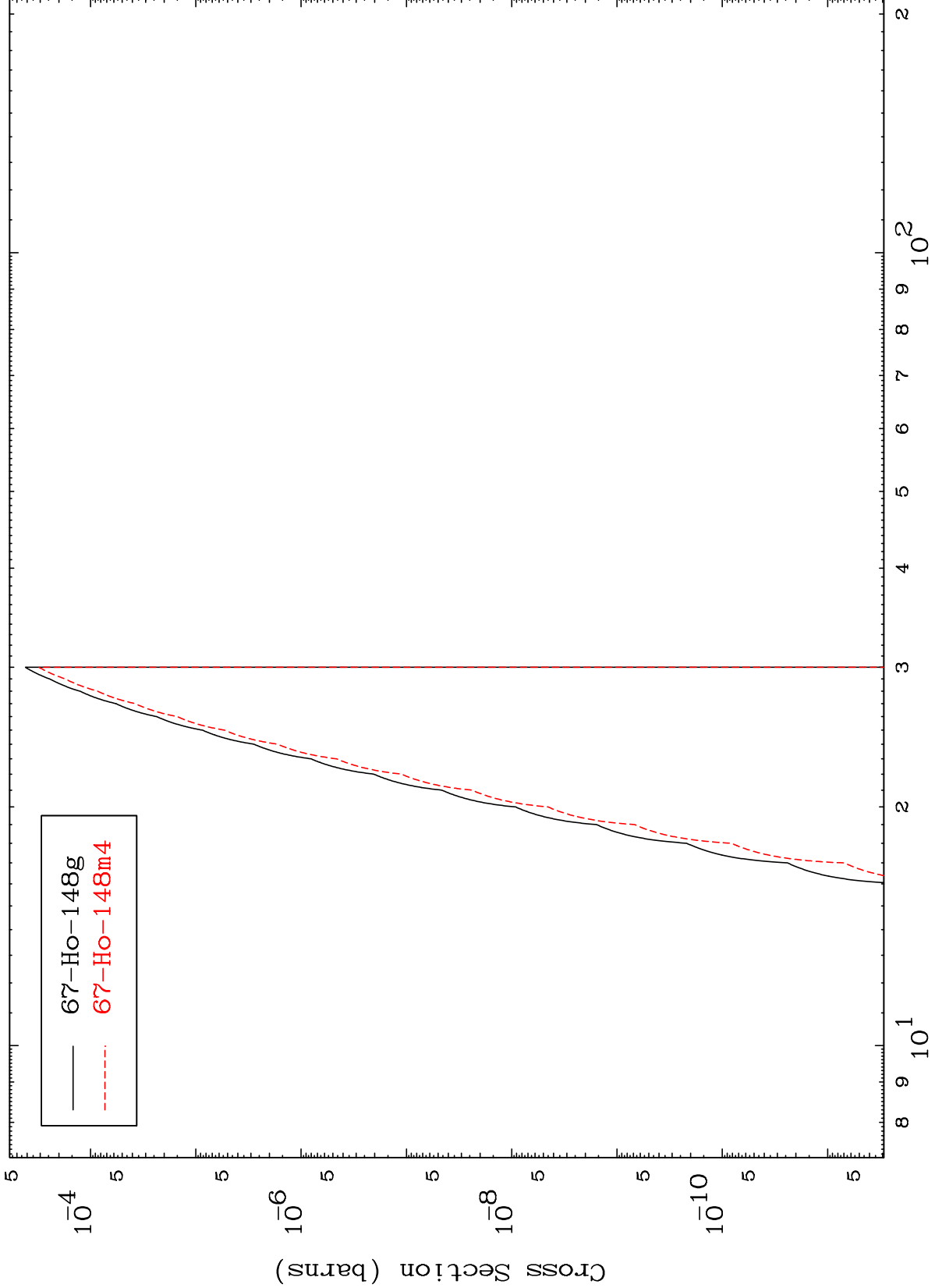
69-Tm-151

MAT 6872

(n,n') He-3

69-Tm-151

Radionuclide Production Cross Section

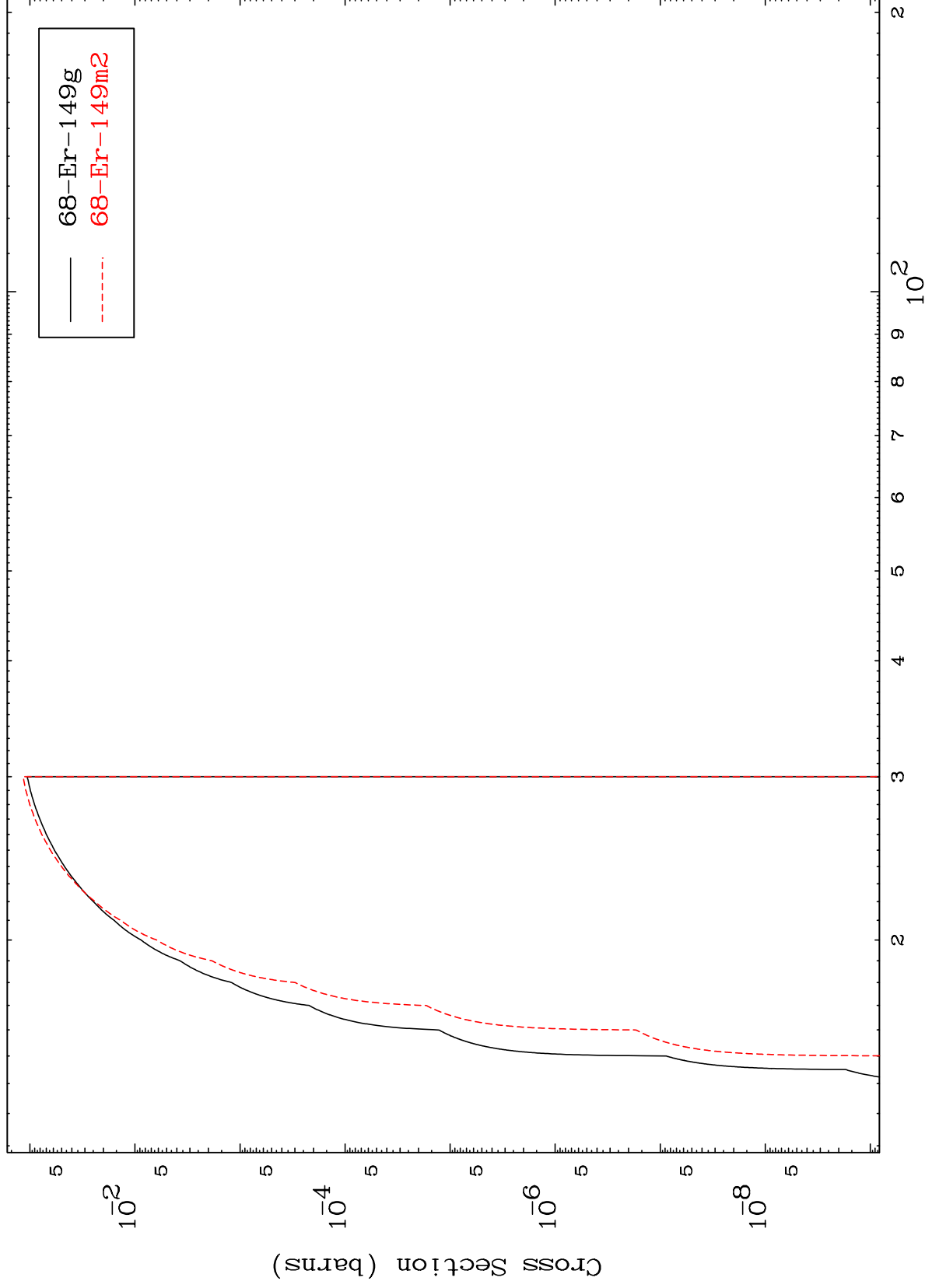


19

Incident Energy (MeV)

69-Tm-151

Radionuclide Production Cross Section

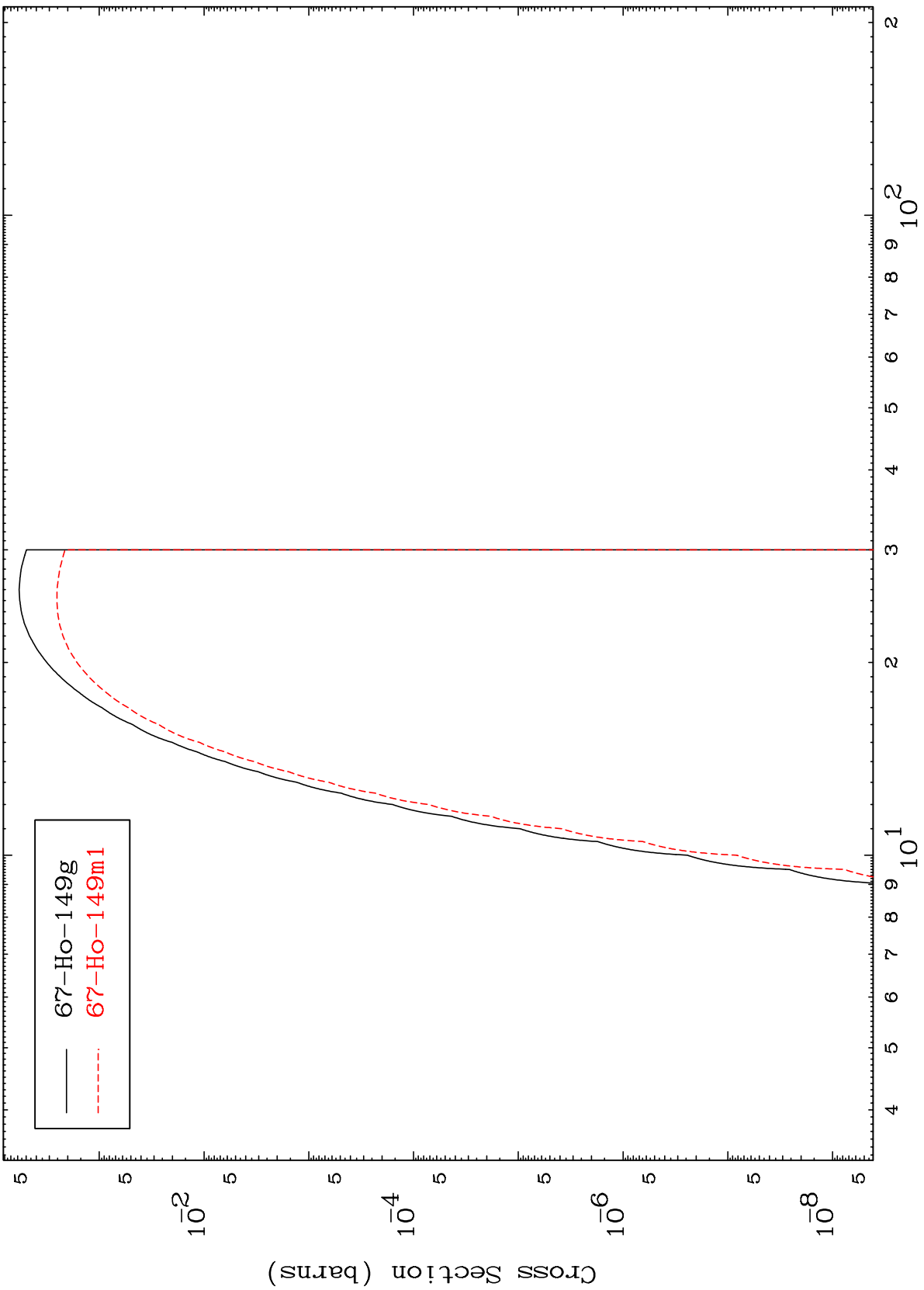


MAT 6872

(n,2n) p

69-Tm-151

Radionuclide Production Cross Section



21

Incident Energy (MeV)

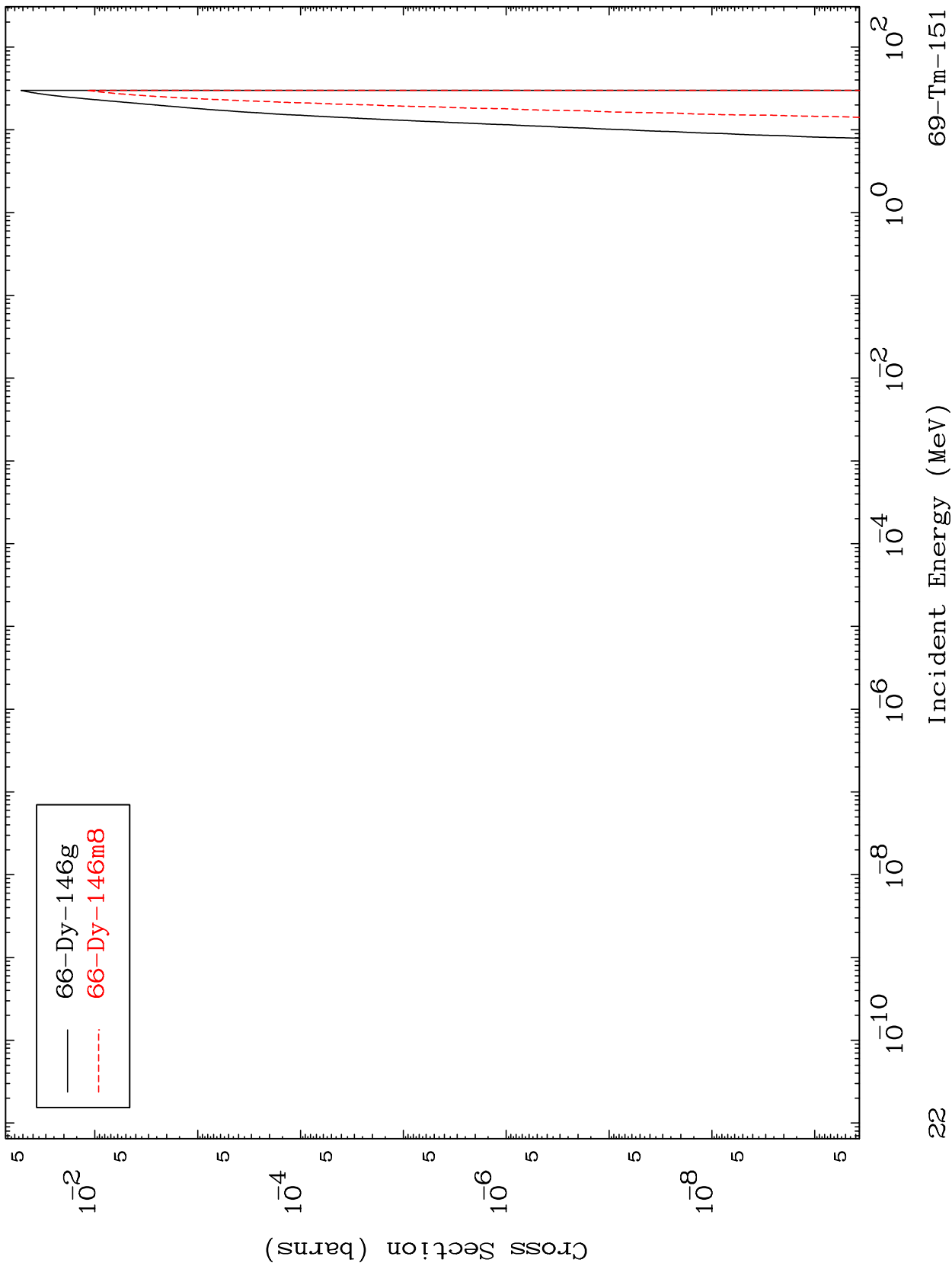
69-Tm-151

MAT 6872

(n,n') p α

69-Tm-151

Radionuclide Production Cross Section

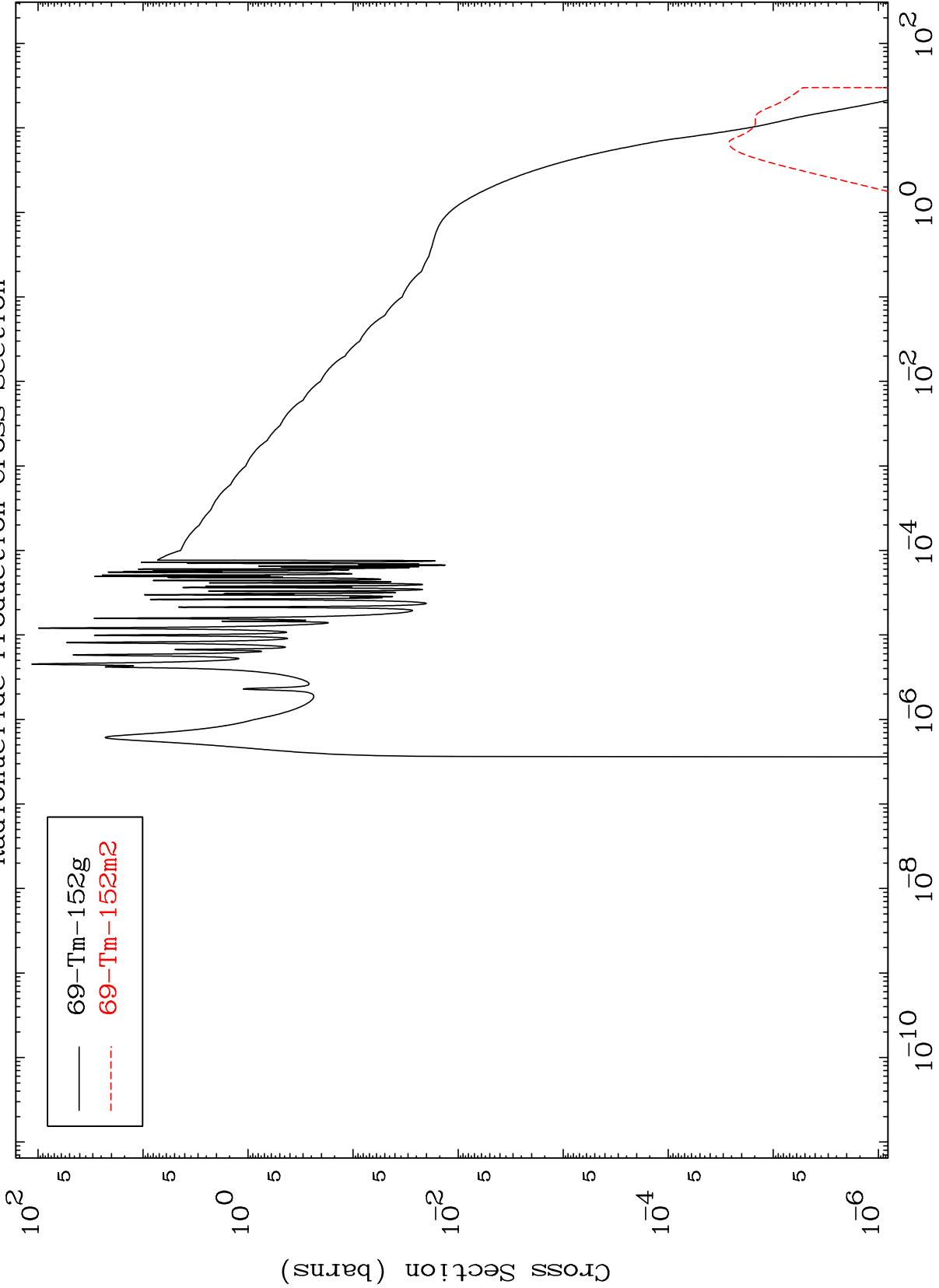


66-Dy-146g
66-Dy-146m8

MAT 6872

69-Tm-151

(n, γ)
Radionuclide Production Cross Section



Incident Energy (MeV)

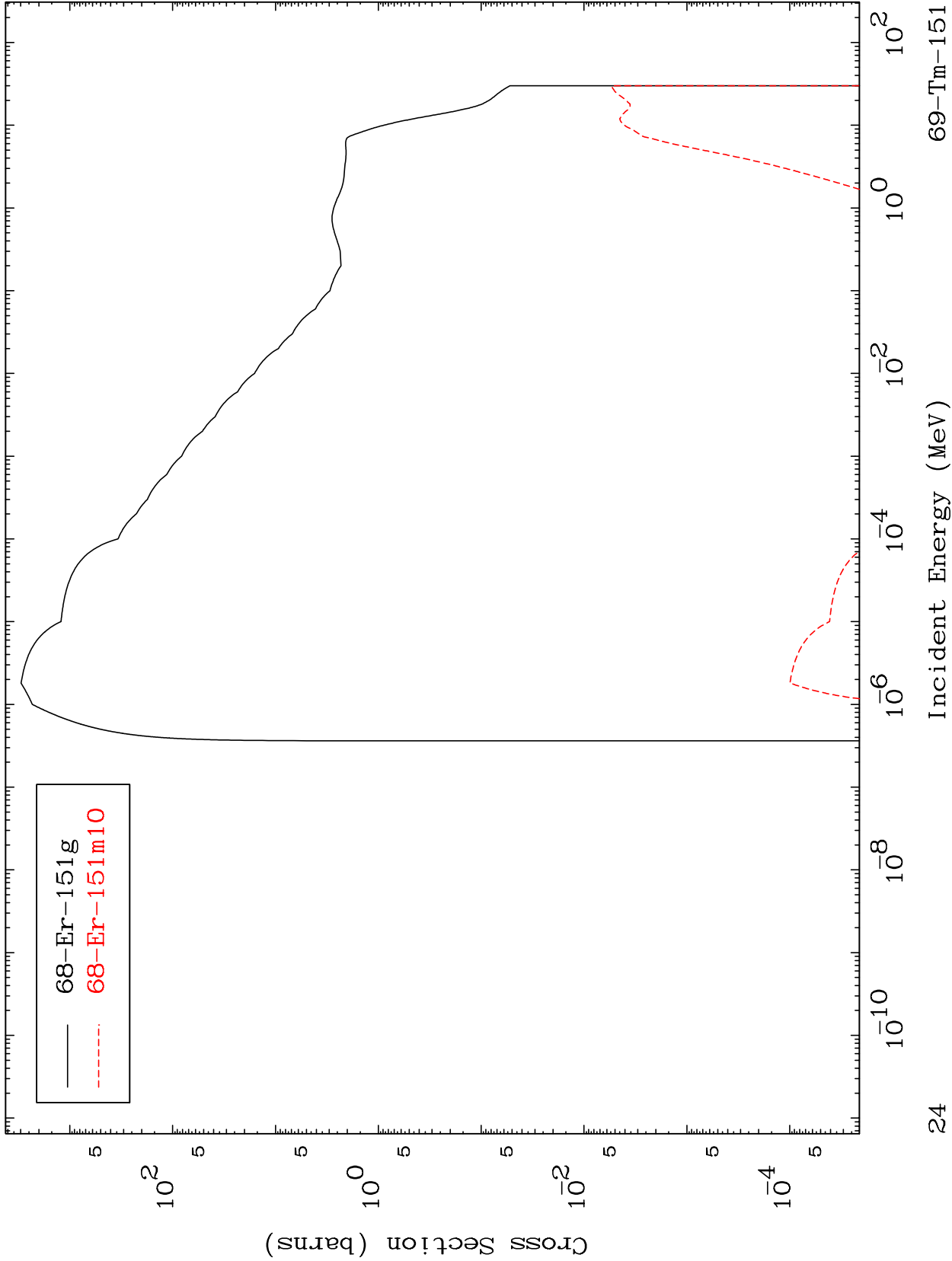
69-Tm-151

23

MAT 6872

69-Tm-151

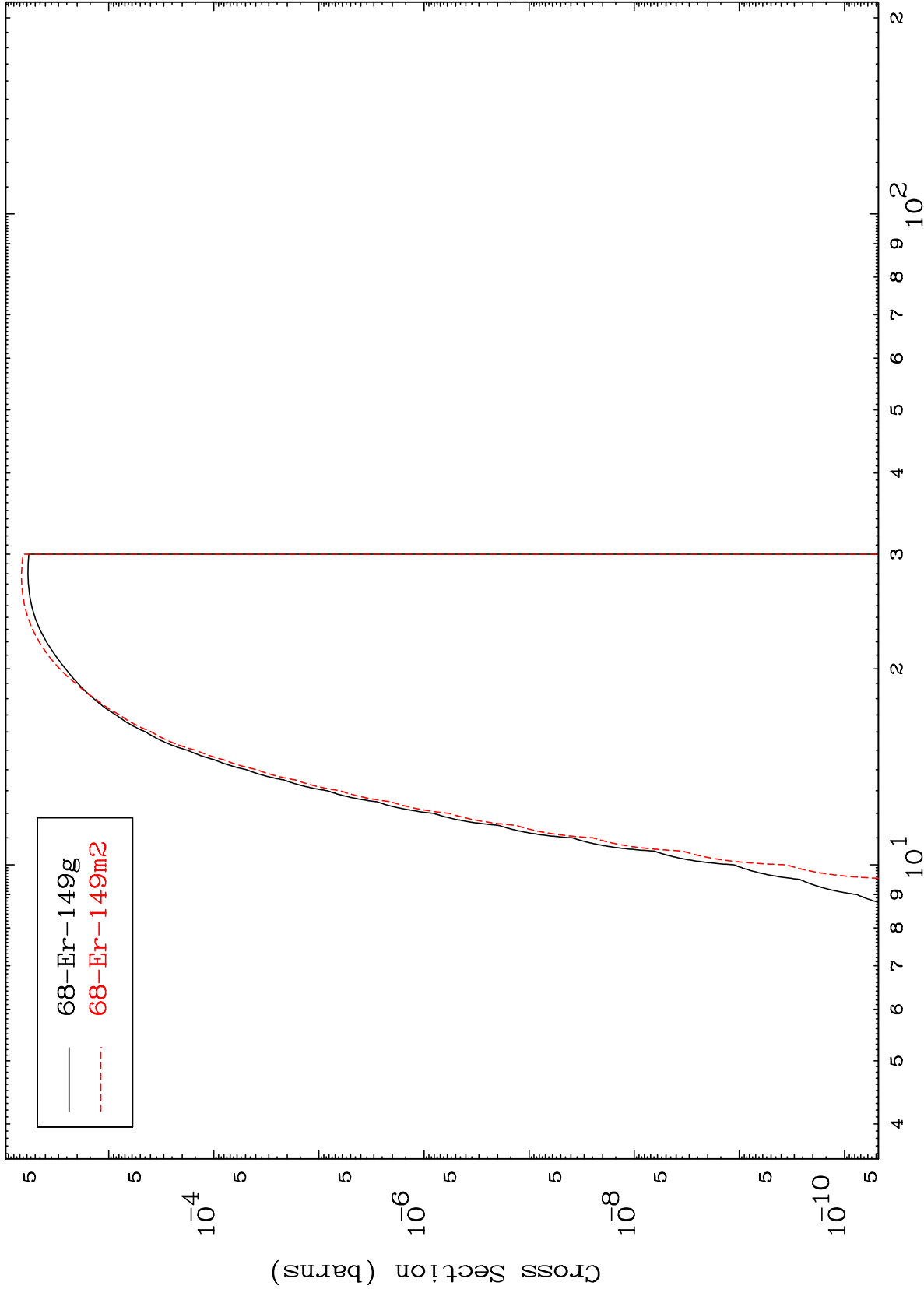
(n,p)
Radionuclide Production Cross Section



MAT 6872

69-Tm-151

(n, t)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

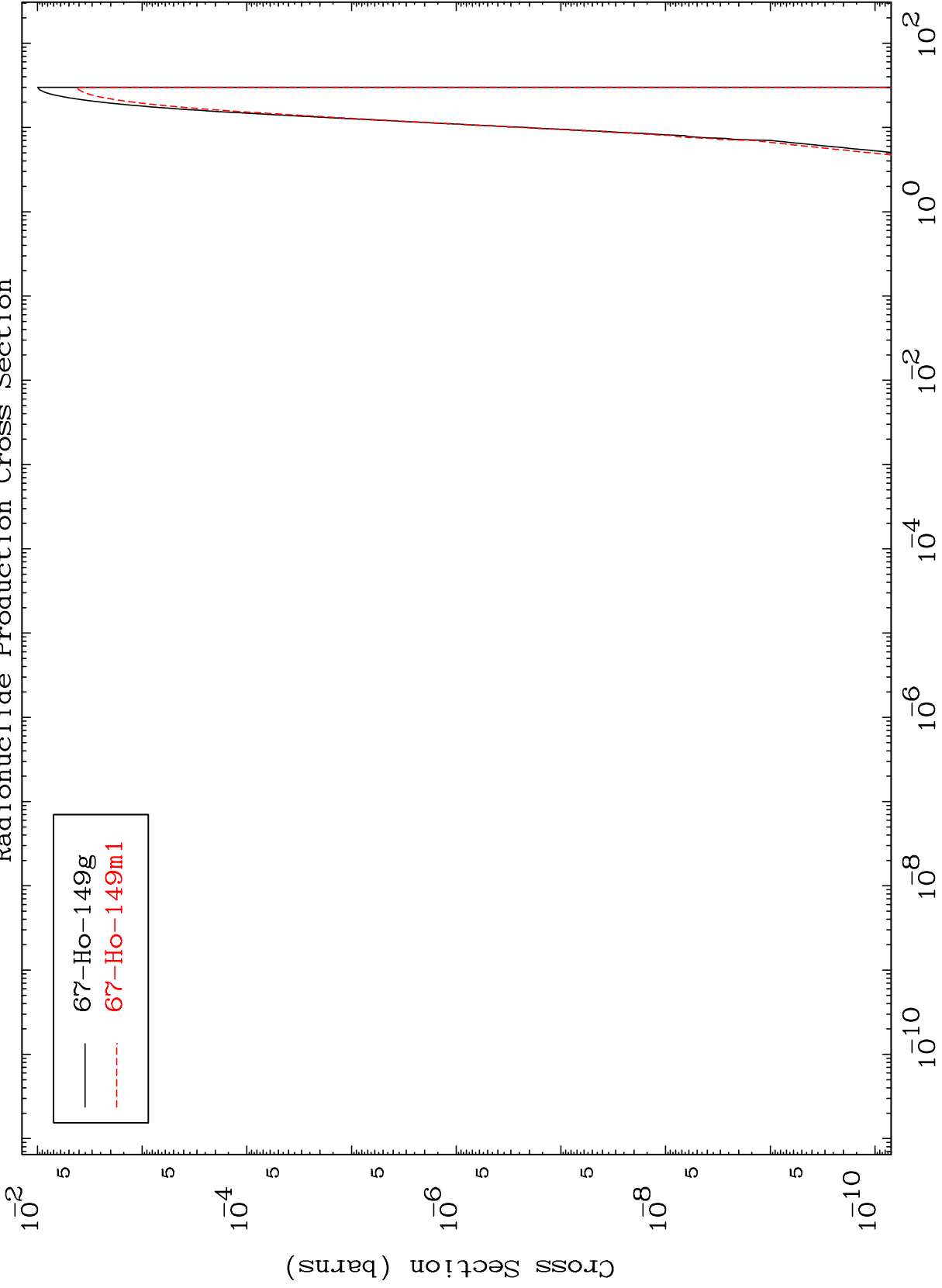
69-Tm-151

MAT 6872

(n,He-3)

69-Tm-151

Radionuclide Production Cross Section



26

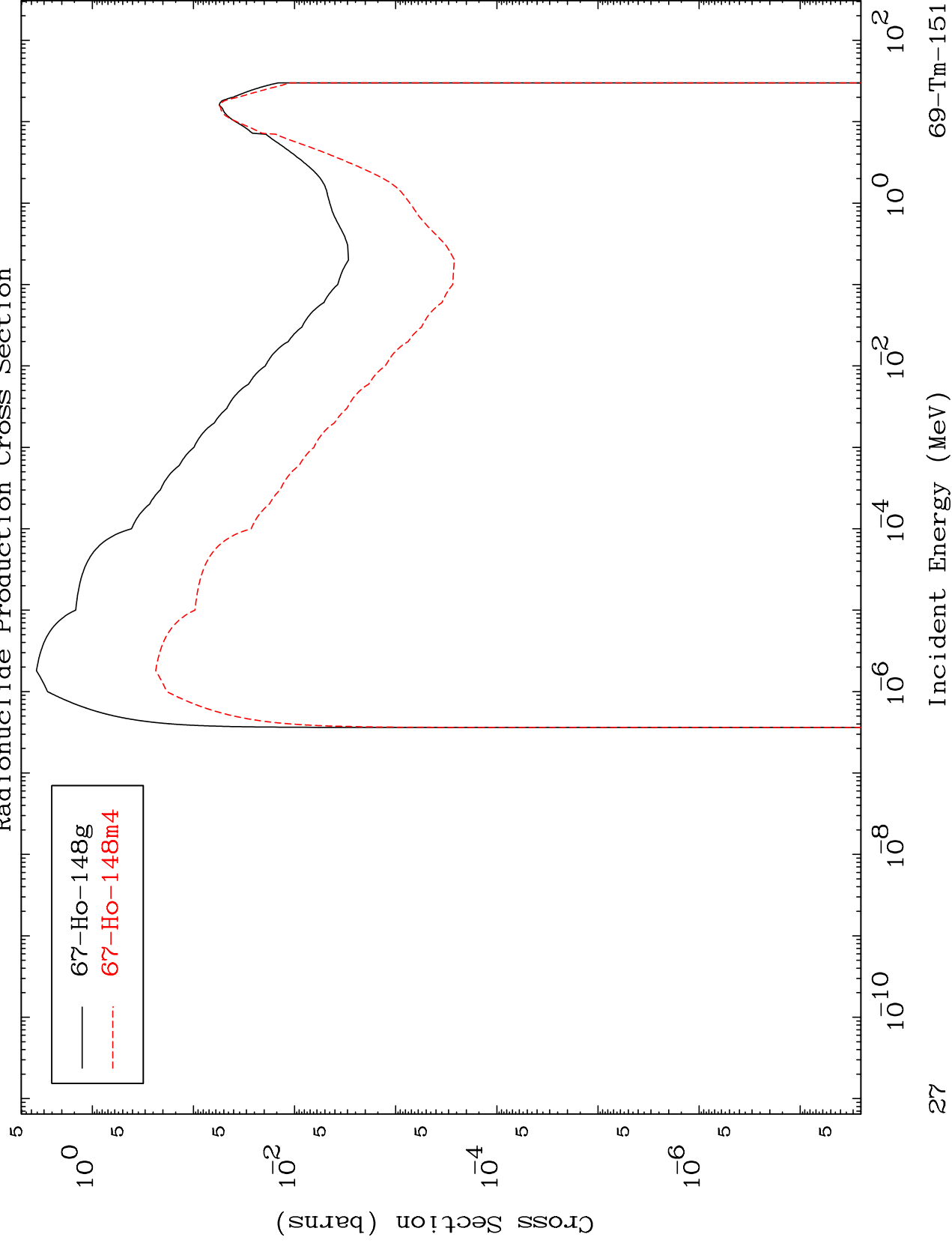
Incident Energy (MeV)

69-Tm-151

MAT 6872

69-Tm-151

(n, α)
Radionuclide Production Cross Section

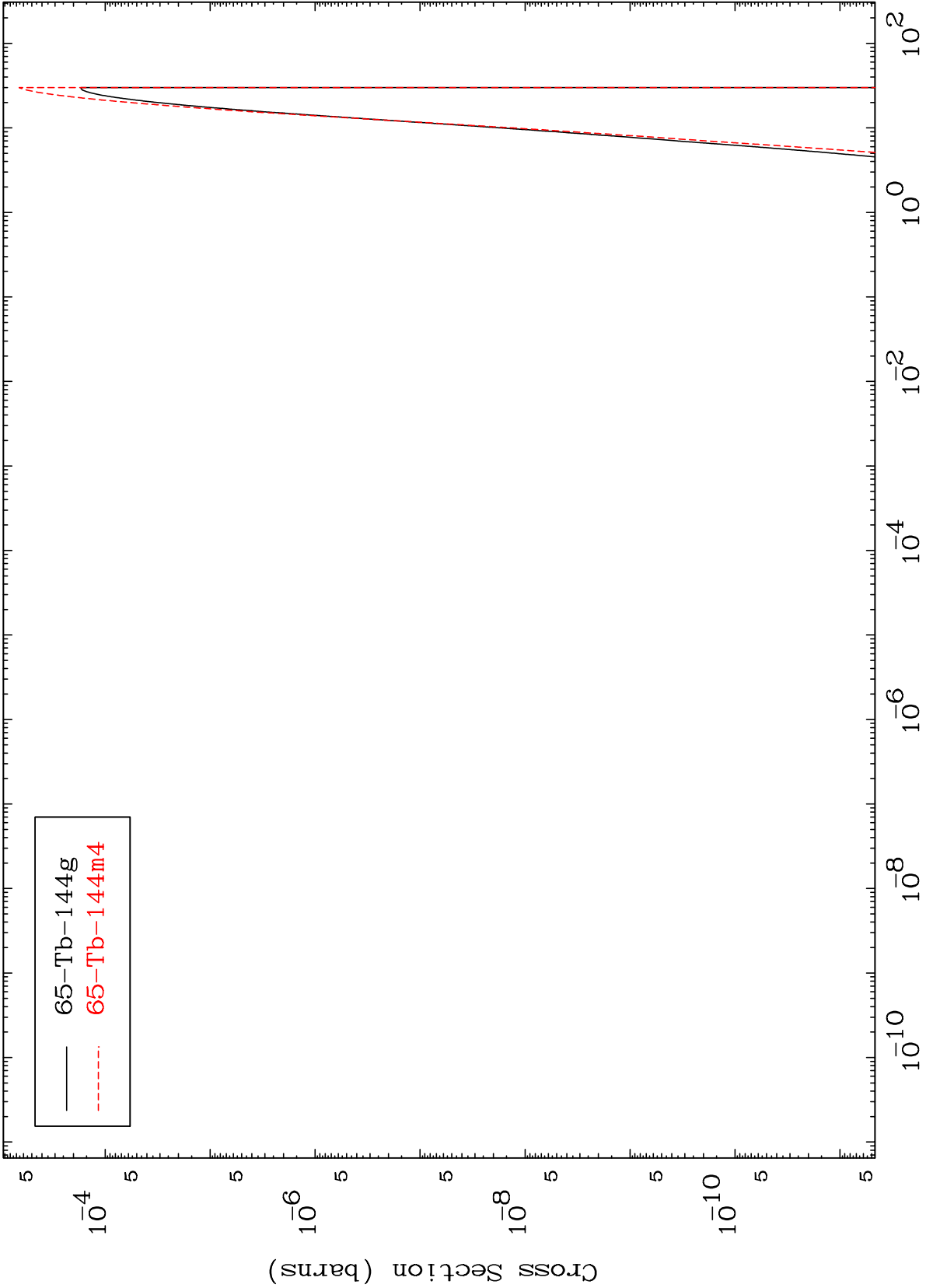


MAT 6872

(n,2α)

69-Tm-151

Radionuclide Production Cross Section



65-Tb-144g
65-Tb-144m4

Incident Energy (MeV)

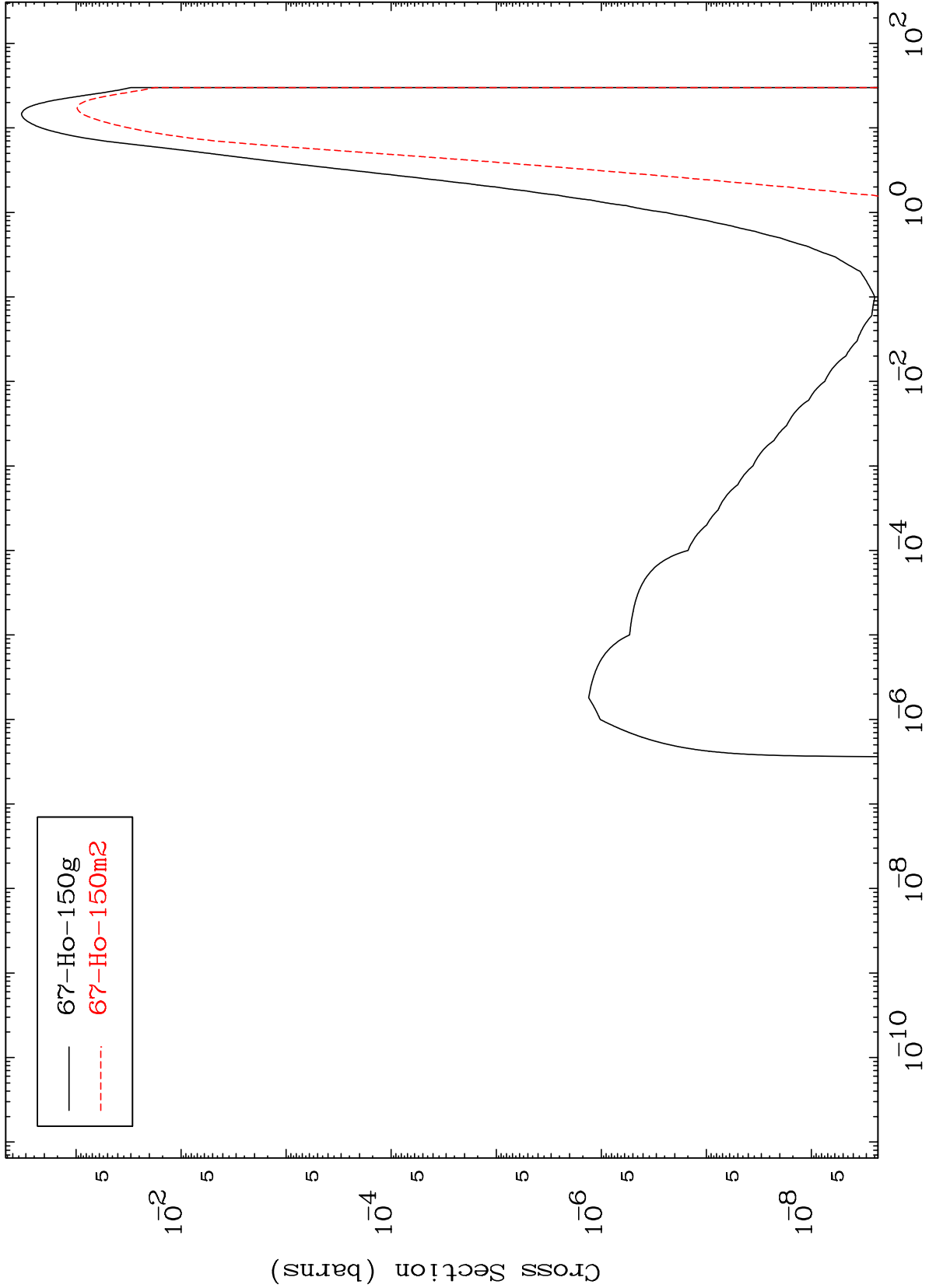
69-Tm-151

MAT 6872

(n,2p)

69-Tm-151

Radionuclide Production Cross Section

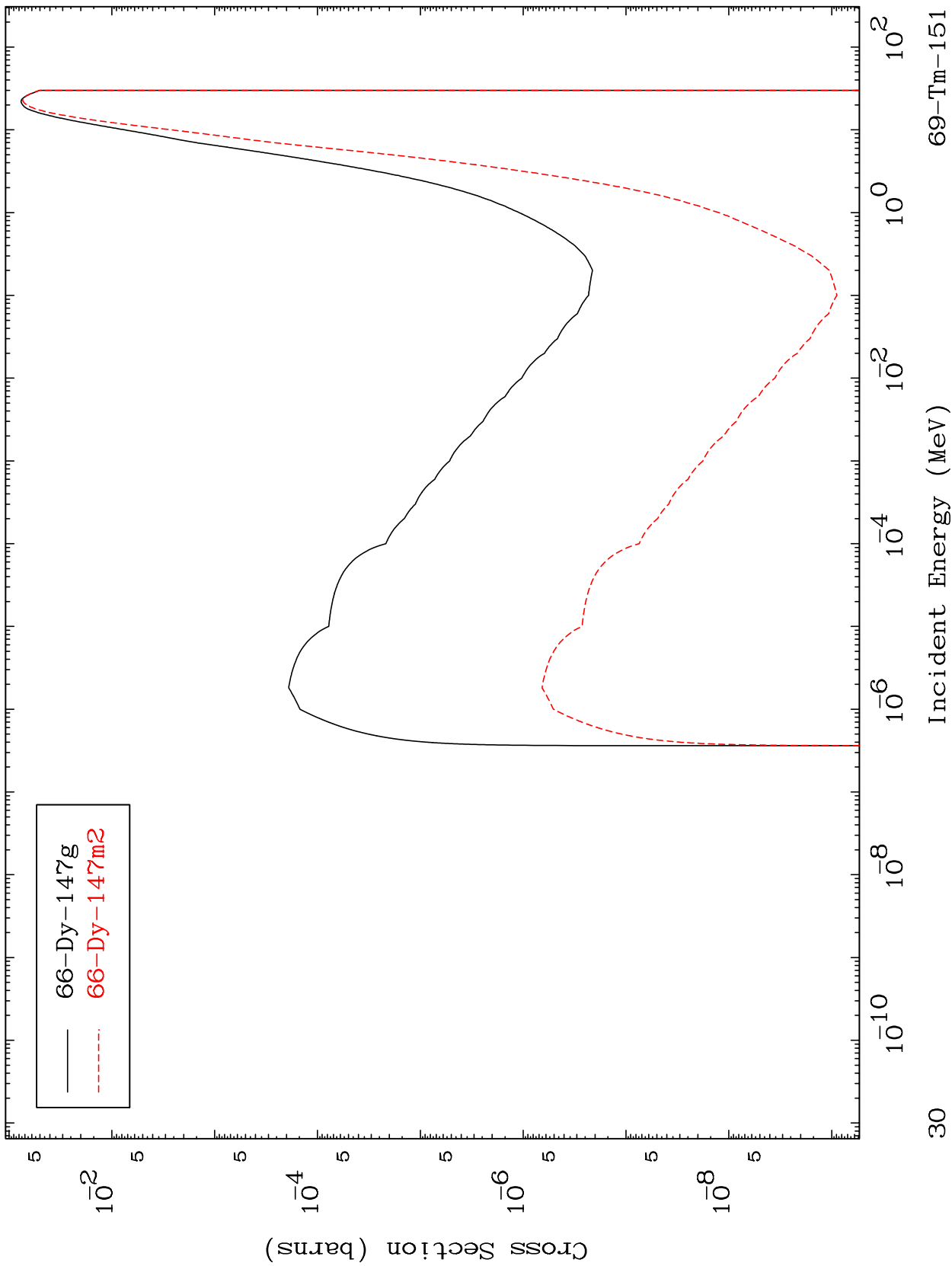


MAT 6872

(n,p) α

69-Tm-151

Radionuclide Production Cross Section



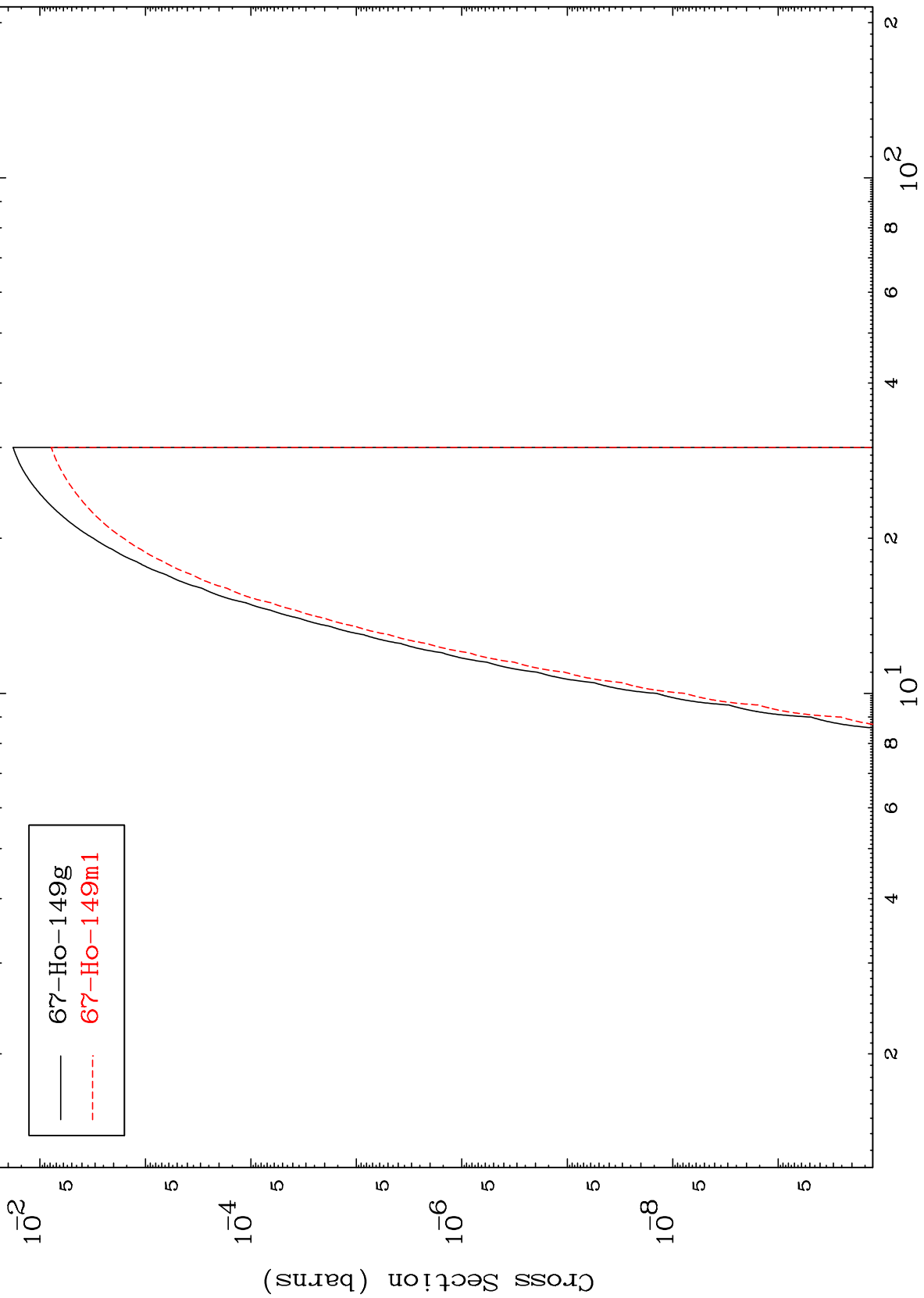
— 66-Dy-147g
- - - 66-Dy-147m2

MAT 6872

(n,p) d

69-Tm-151

Radionuclide Production Cross Section

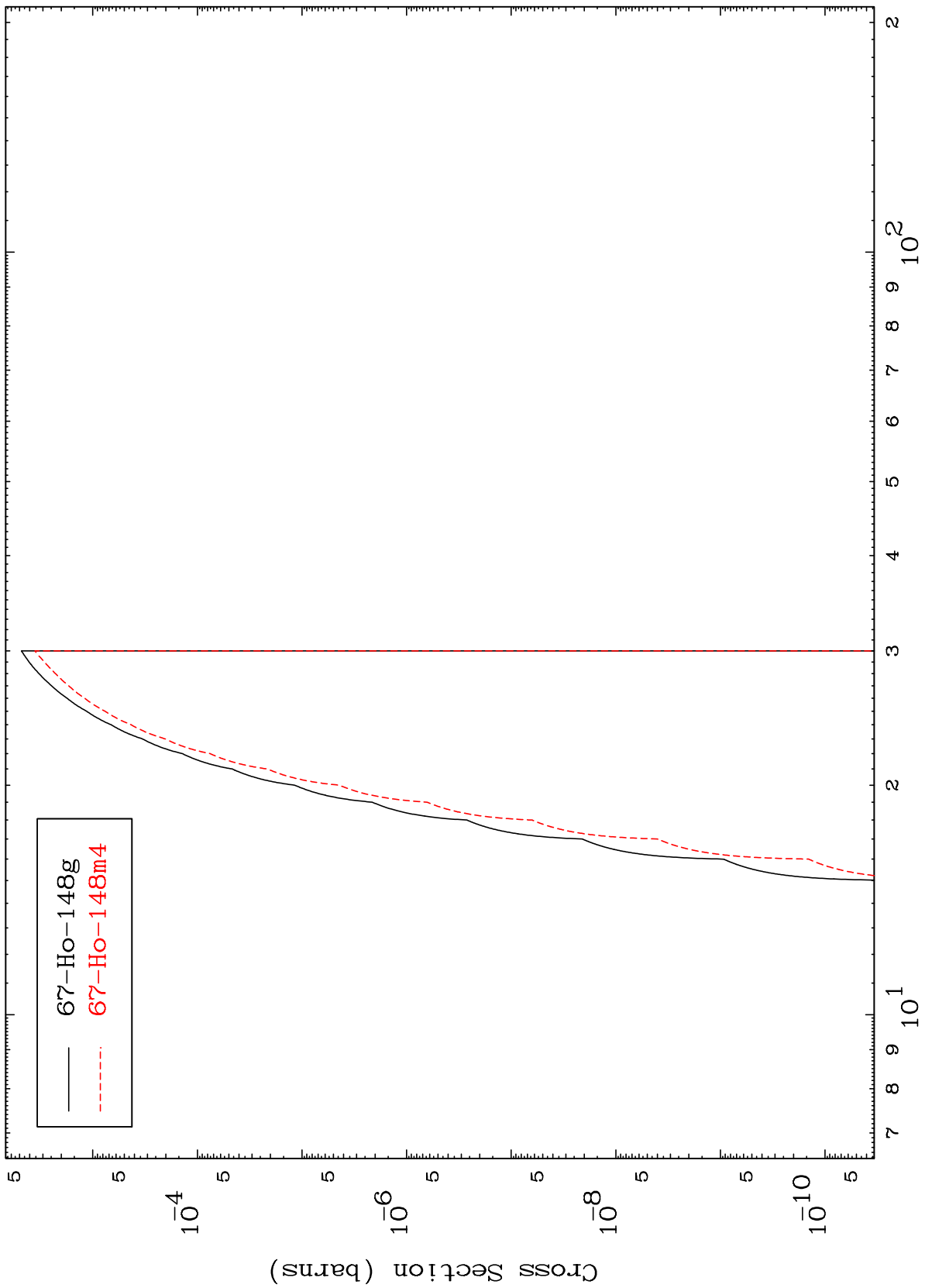


MAT 6872

(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

