

Program EVALPLOT
(Version 2017-1)

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

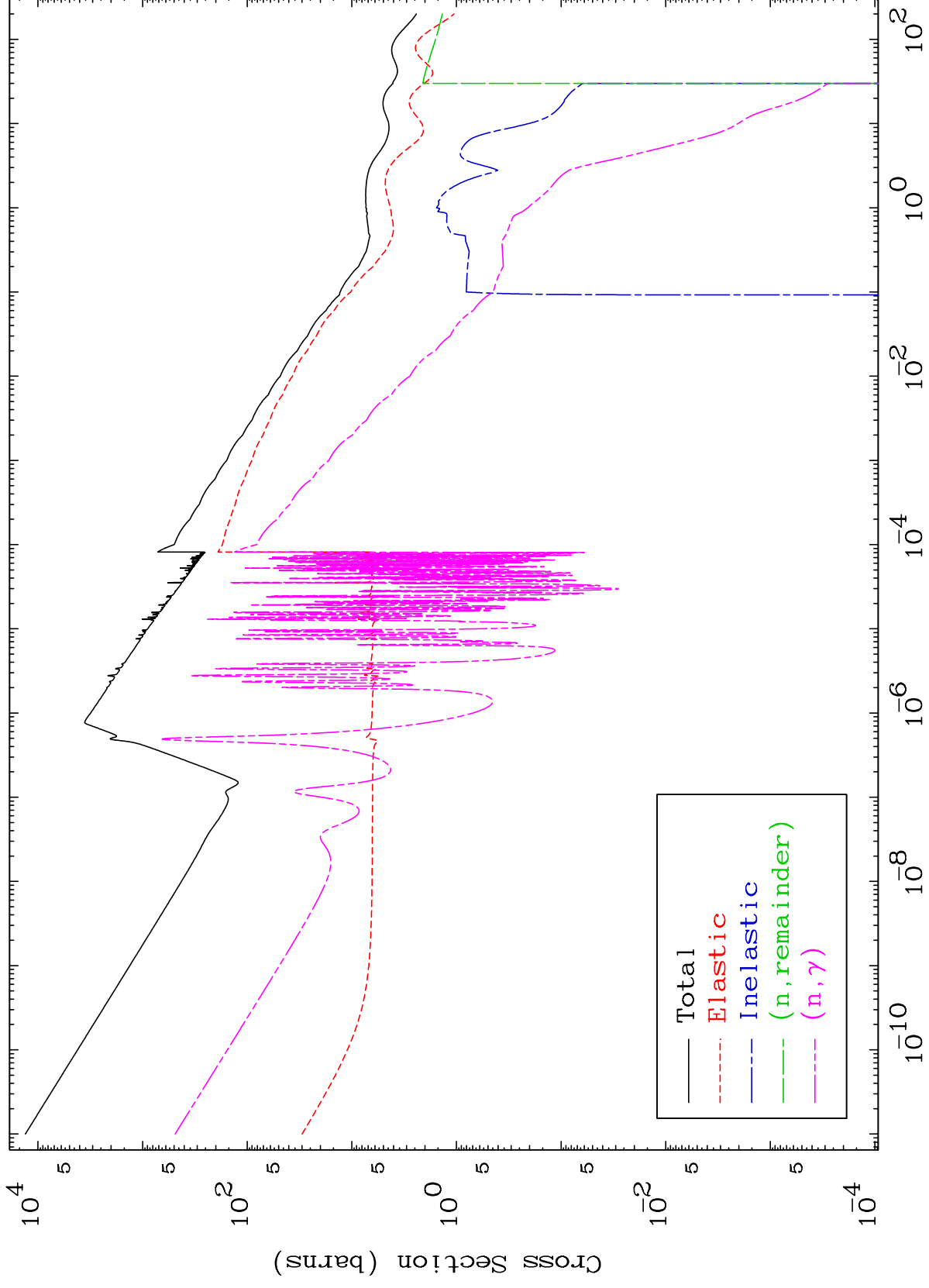
Press Mouse Button to Start

MAT 6878

Major

293 Kelvin Cross Sections

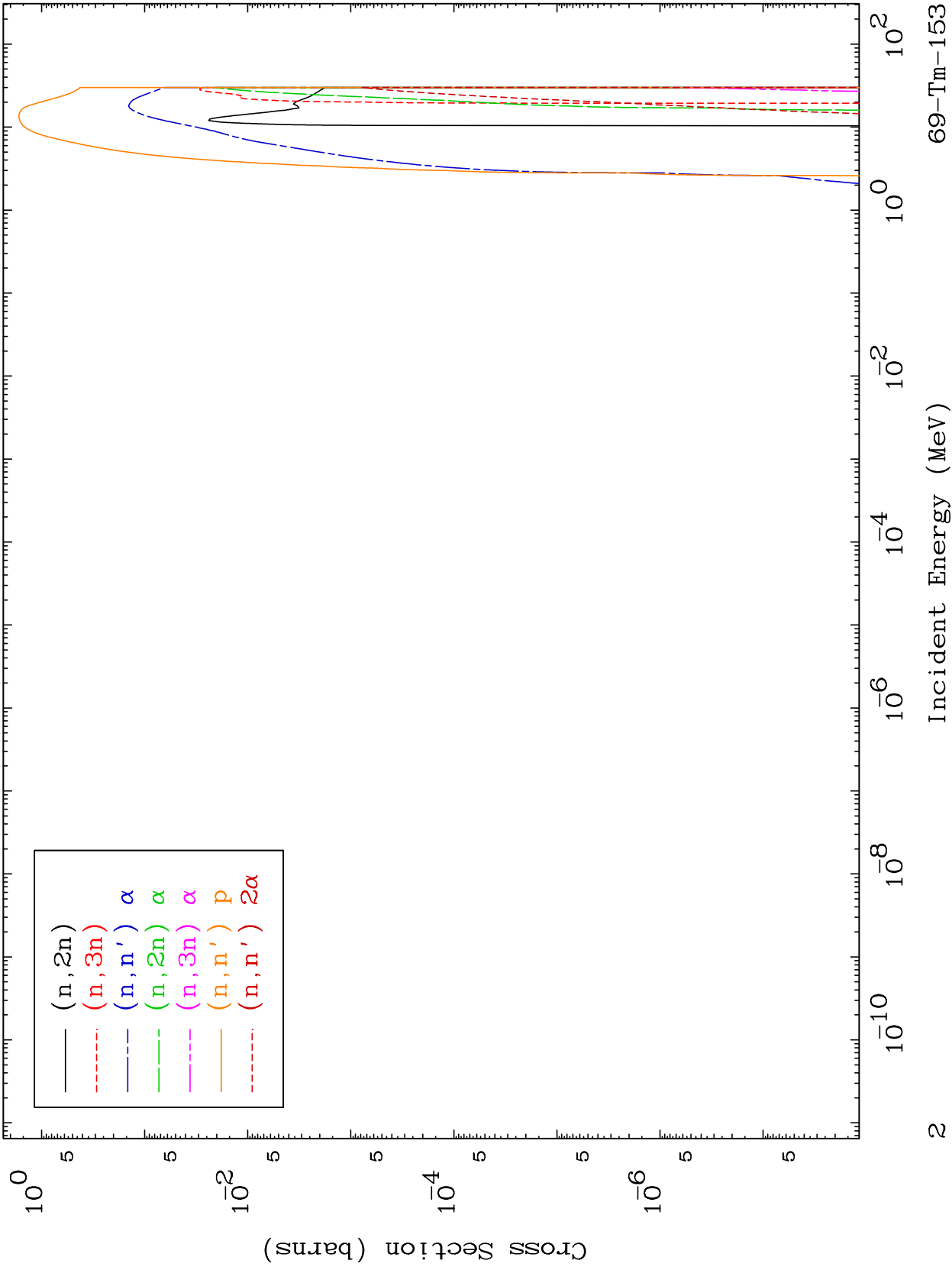
69-Tm-153

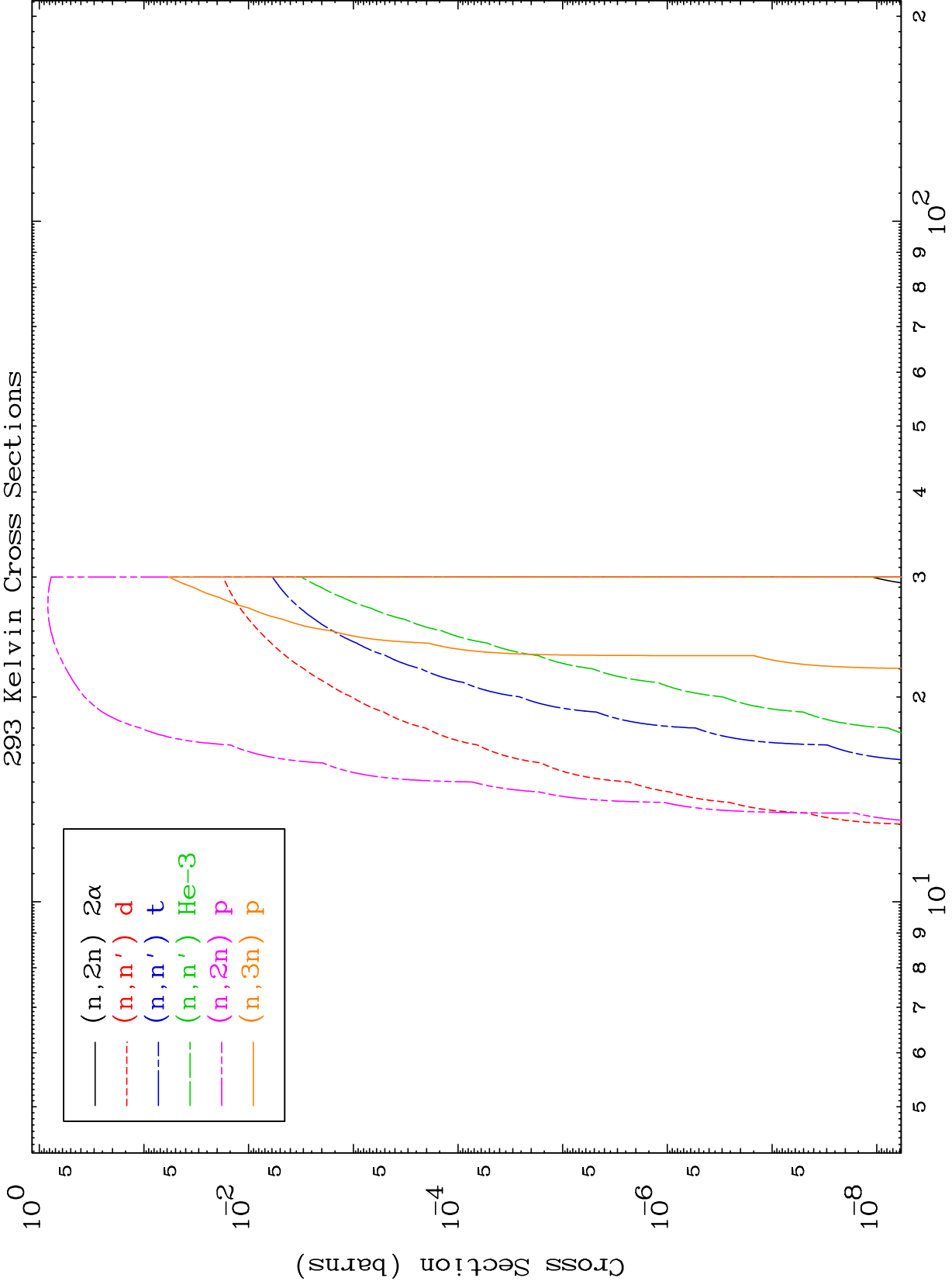


MAT 6878

Neutron Production
293 Kelvin Cross Sections

69-Tm-153

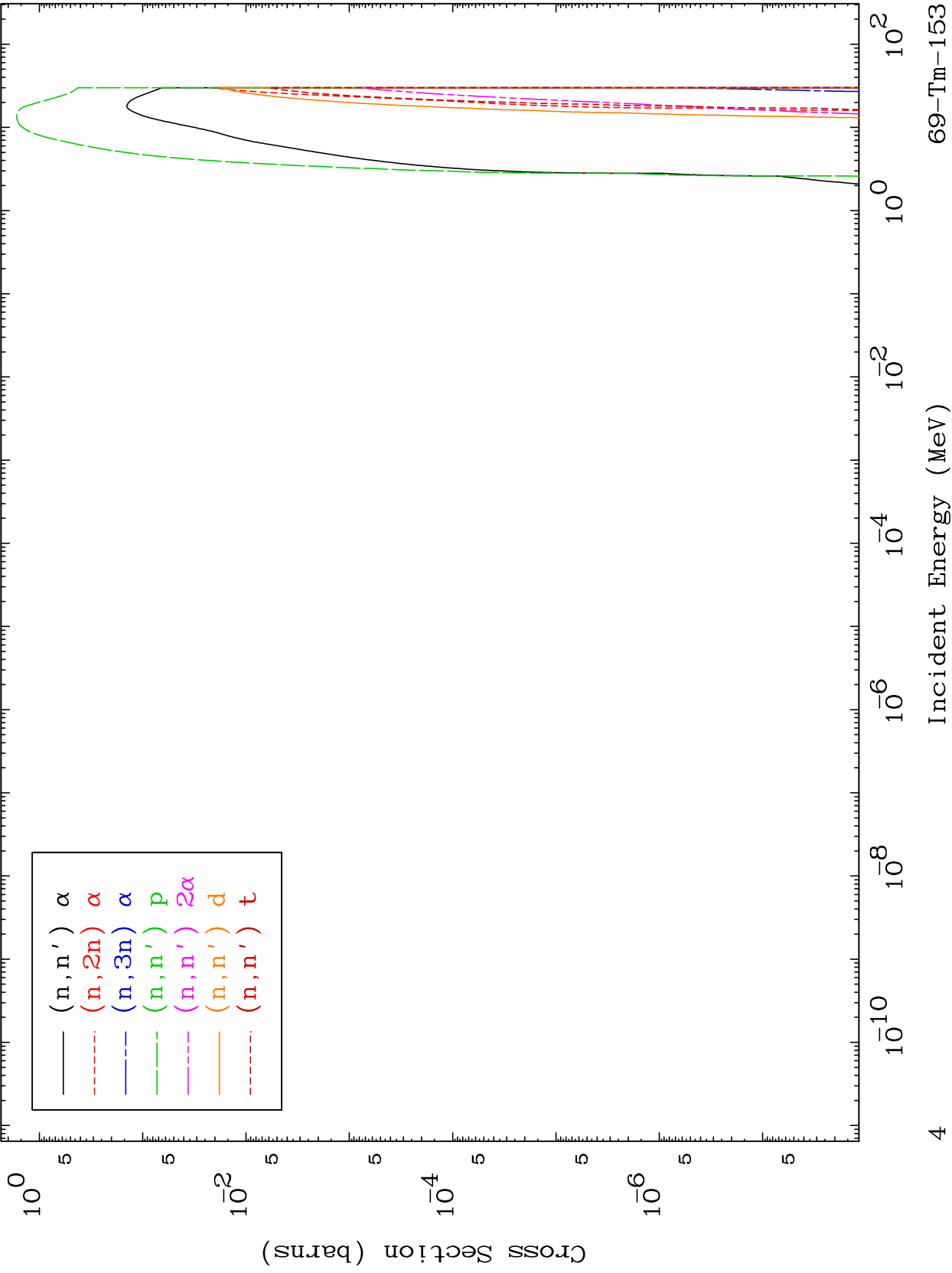




MAT 6878

Charged Particle
293 Kelvin Cross Sections

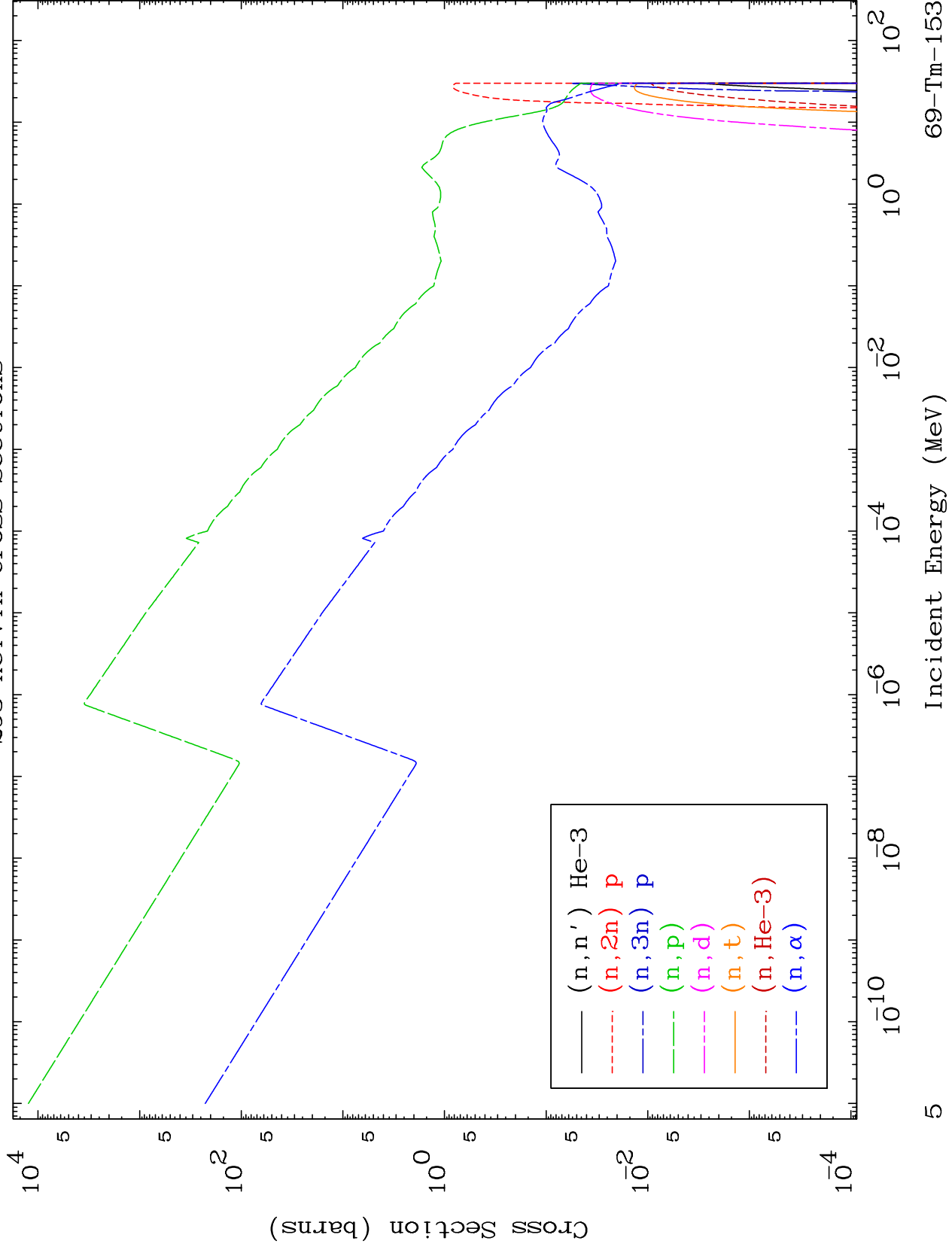
69-Tm-153



MAT 6878

Charged Particle
293 Kelvin Cross Sections

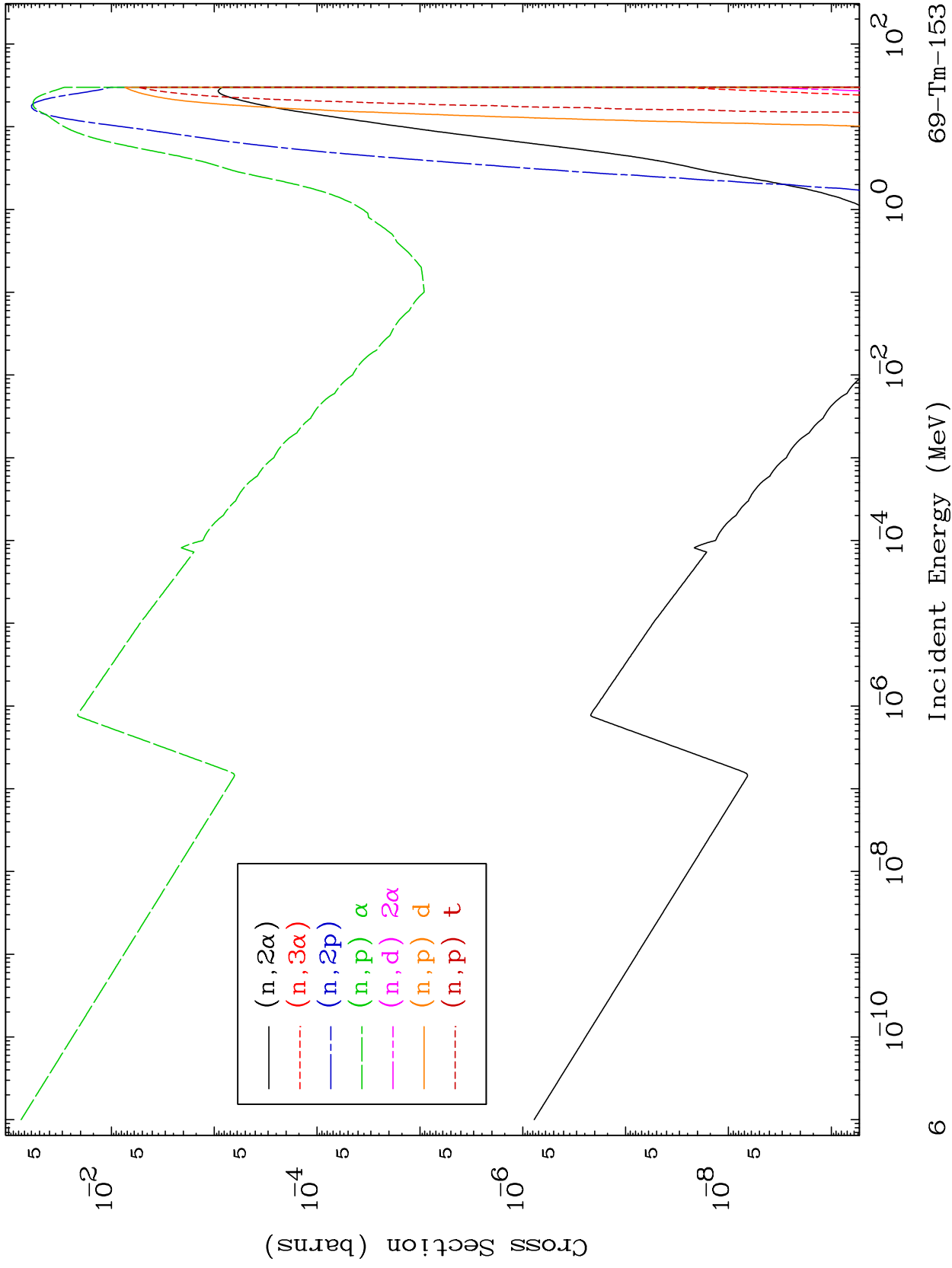
69-Tm-153



MAT 6878

Charged Particle
293 Kelvin Cross Sections

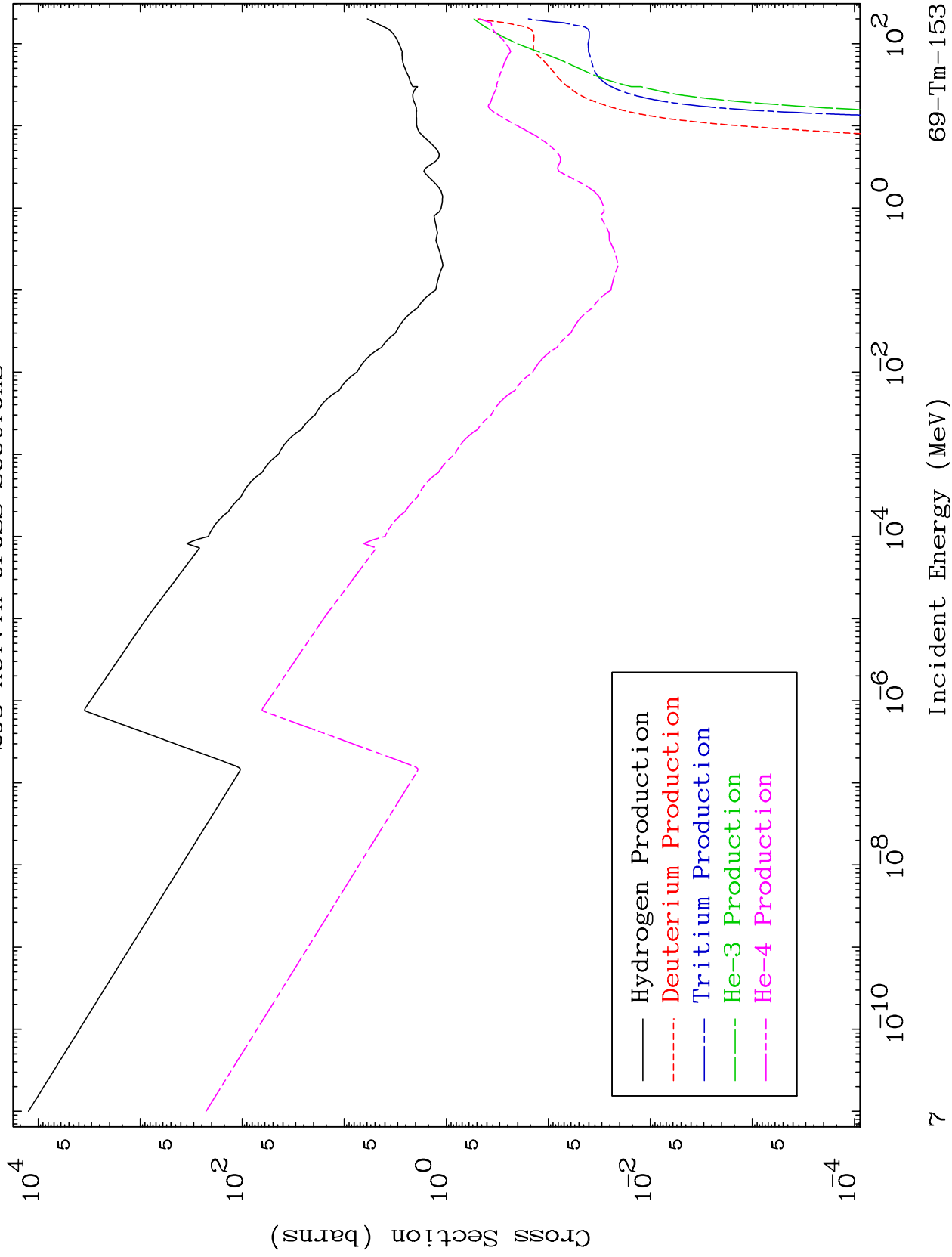
69-Tm-153



MAT 6878

Particle Production
293 Kelvin Cross Sections

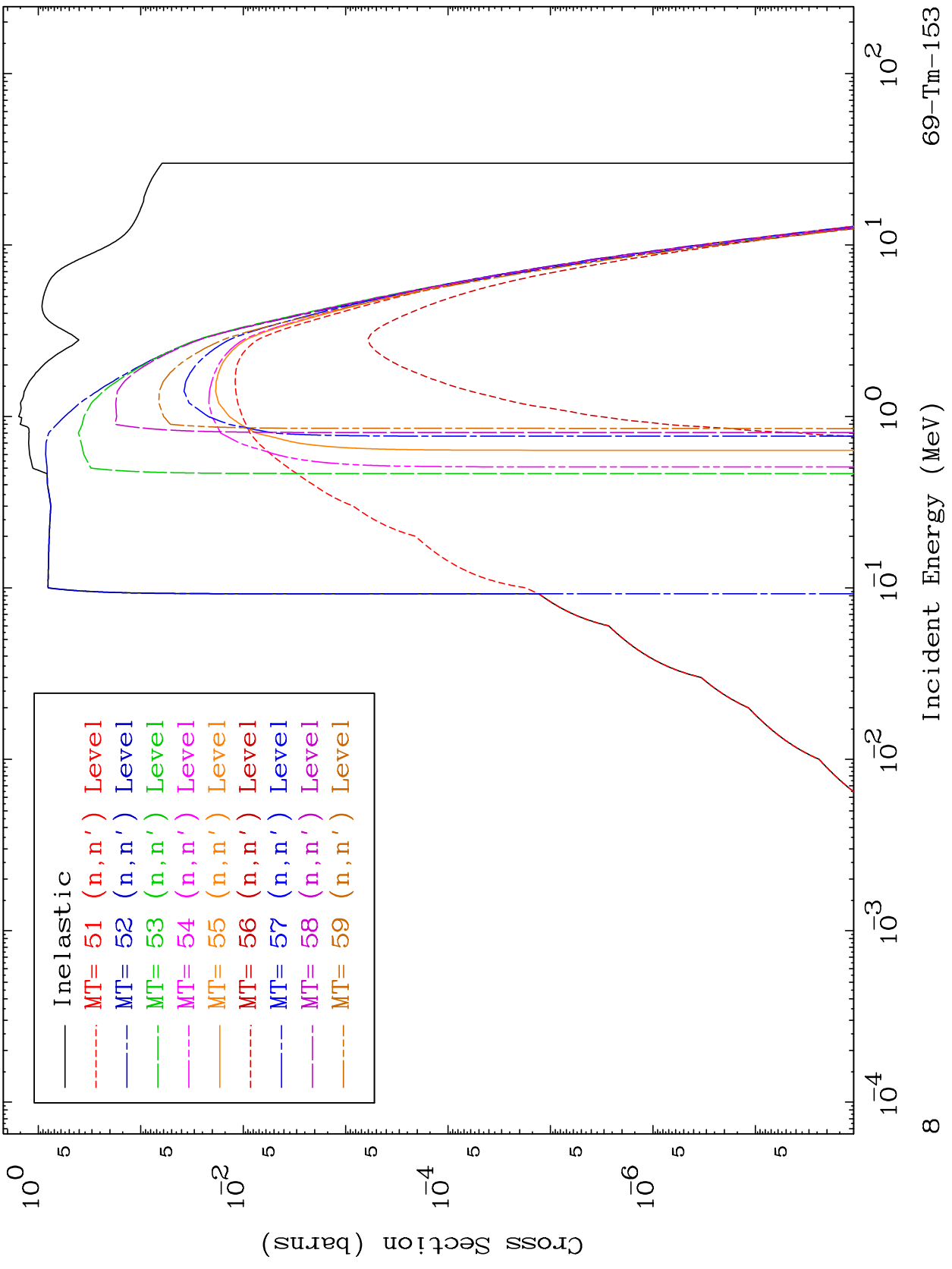
69-Tm-153



MAT 6878

293 Kelvin Cross Sections

69-Tm-153

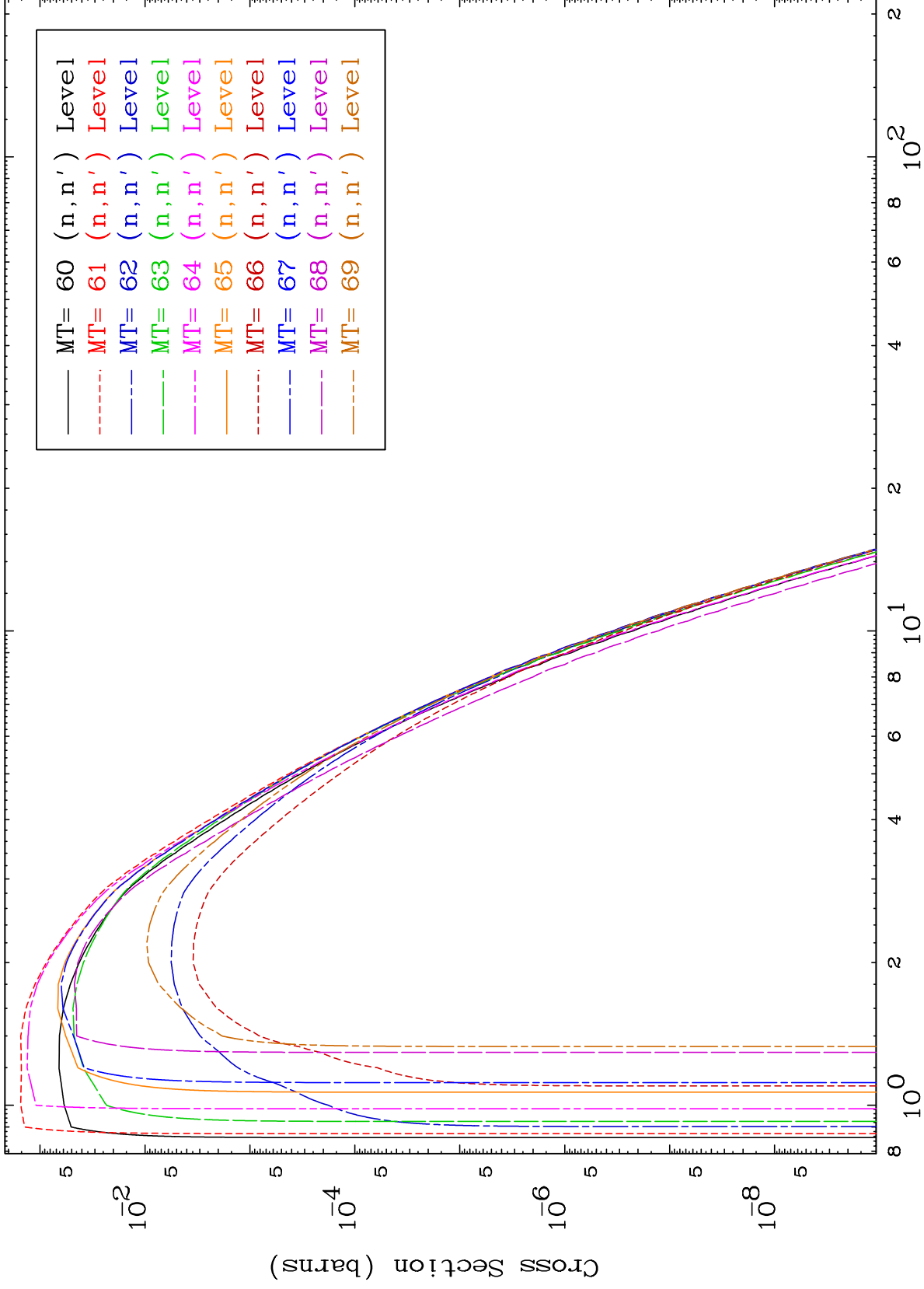


MAT 6878

(n,n') Level

69-Tm-153

293 Kelvin Cross Sections



Incident Energy (MeV)

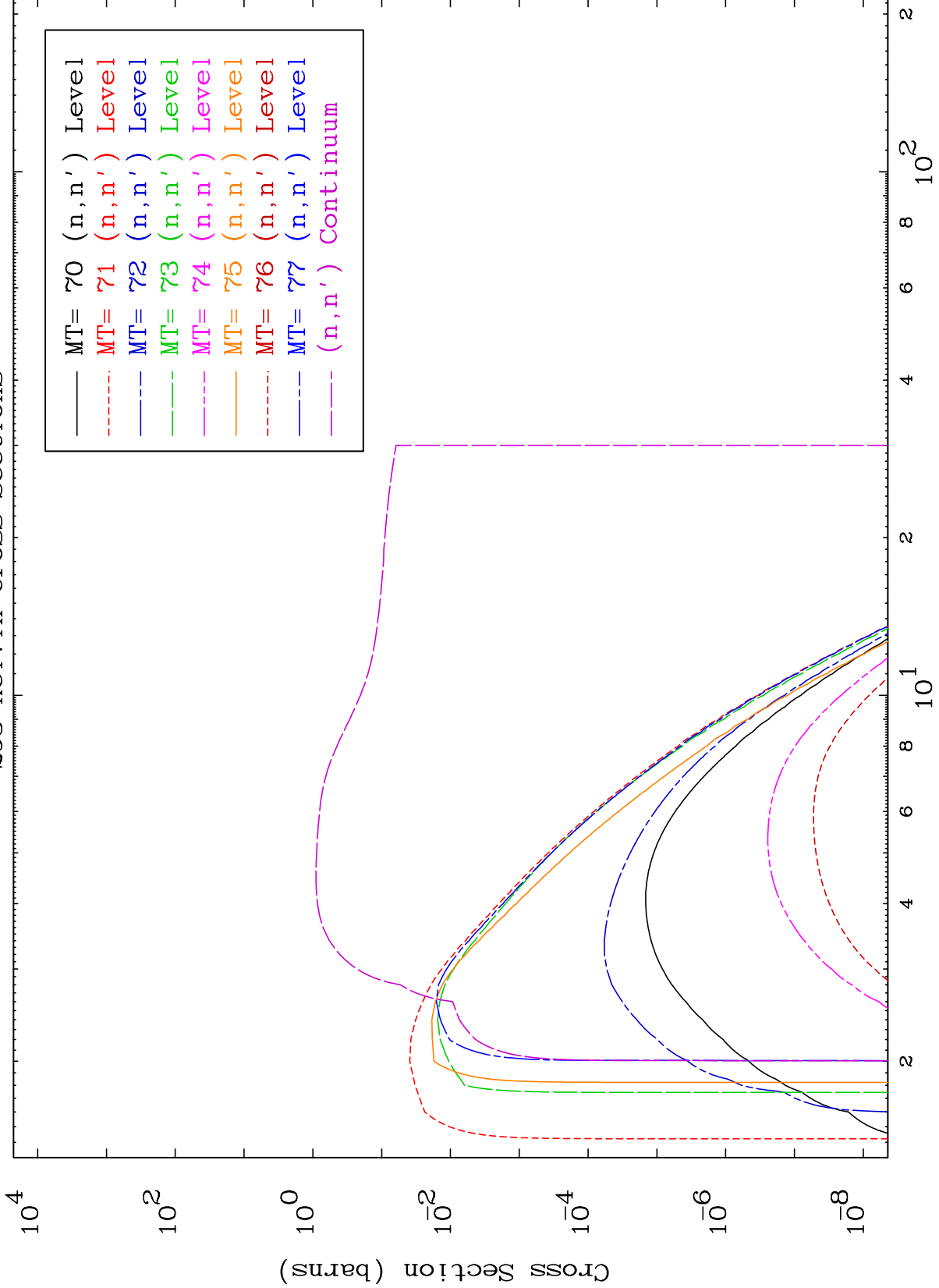
69-Tm-153

MAT 6878

(n,n') Level

69-Tm-153

293 Kelvin Cross Sections



10

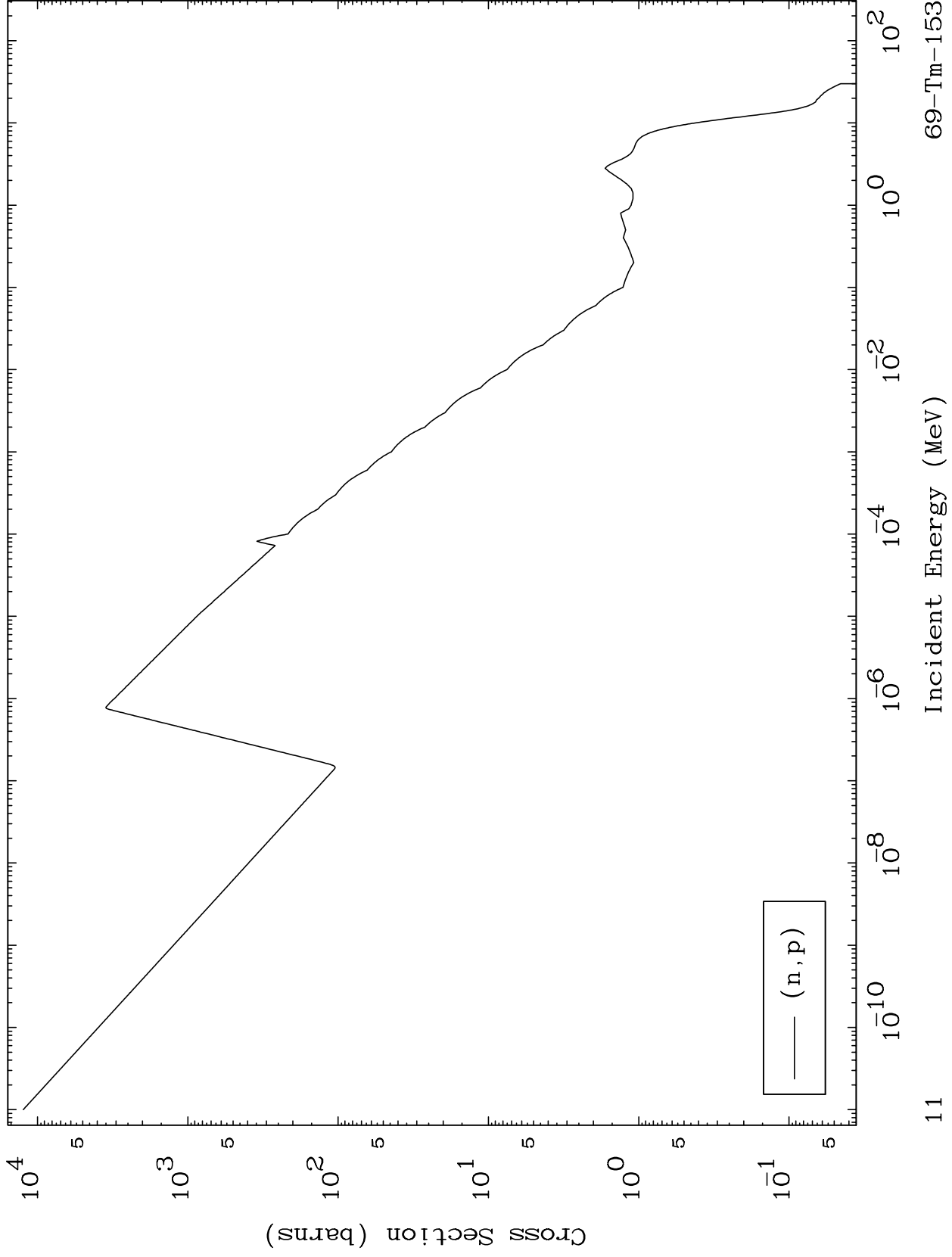
Incident Energy (MeV)

69-Tm-153

MAT 6878

(n,p) Levels
293 Kelvin Cross Sections

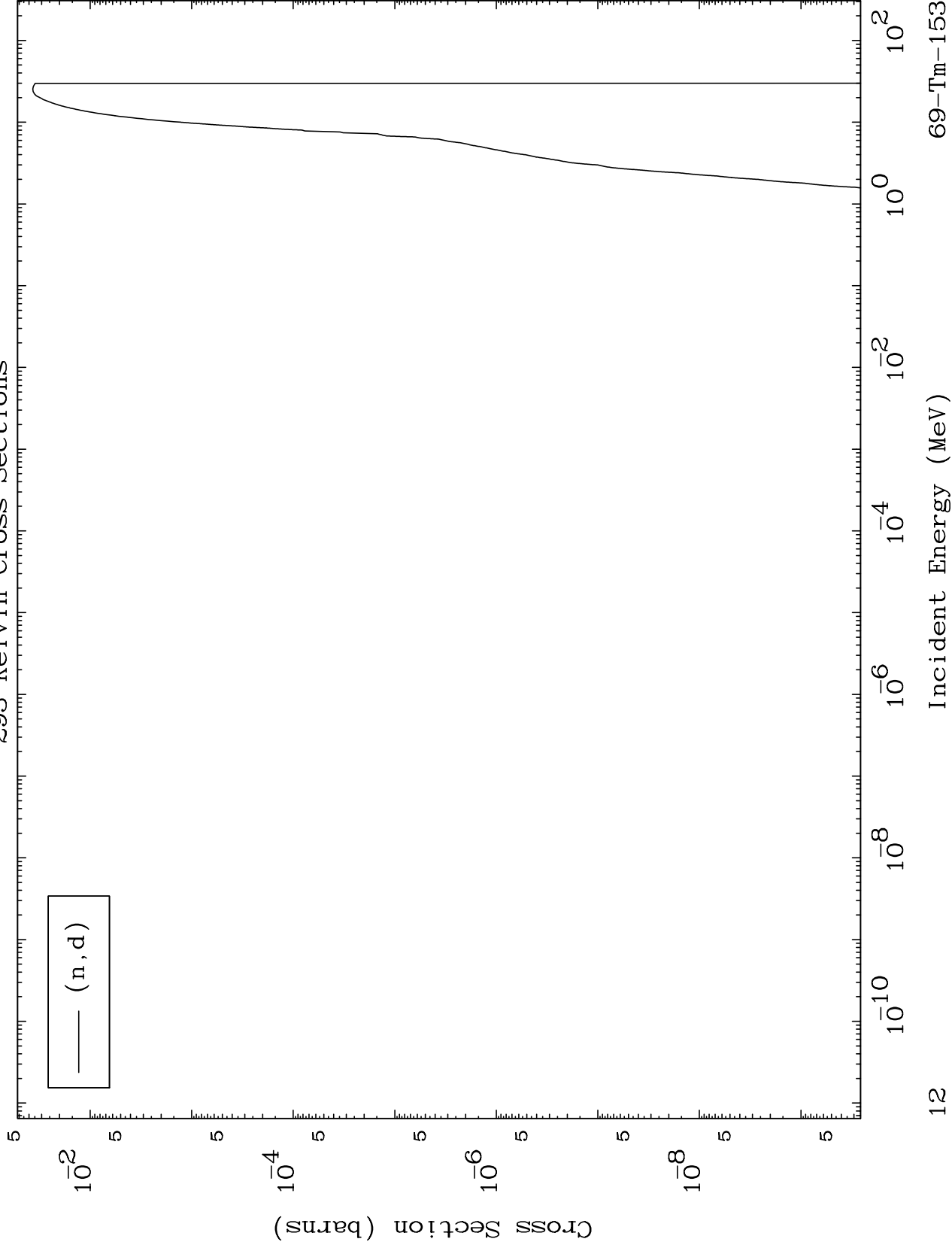
69-Tm-153



MAT 6878

(n,d) Levels
293 Kelvin Cross Sections

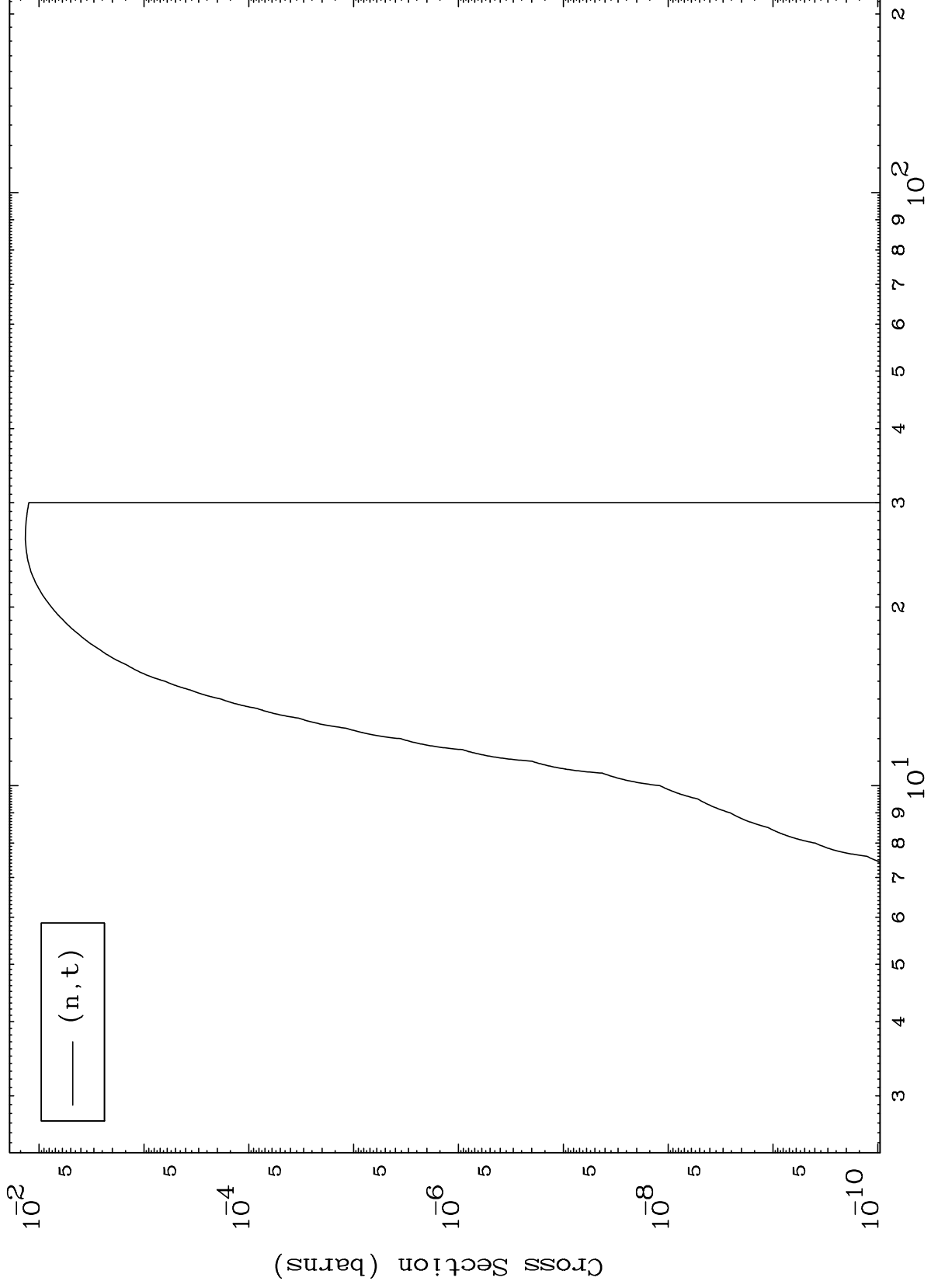
69-Tm-153



MAT 6878

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-153



13

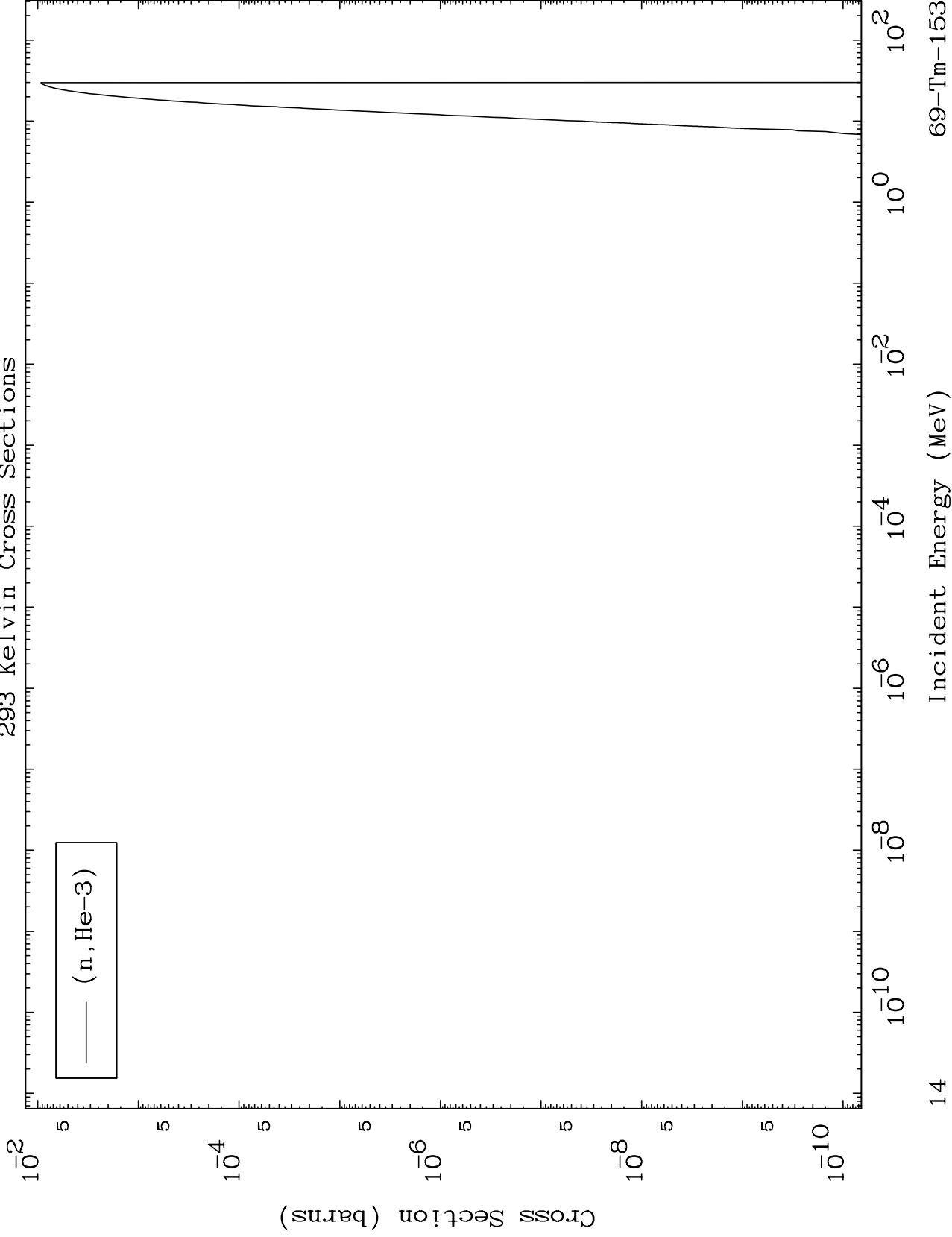
Incident Energy (MeV)

69-Tm-153

MAT 6878

(n,He3) Levels
293 Kelvin Cross Sections

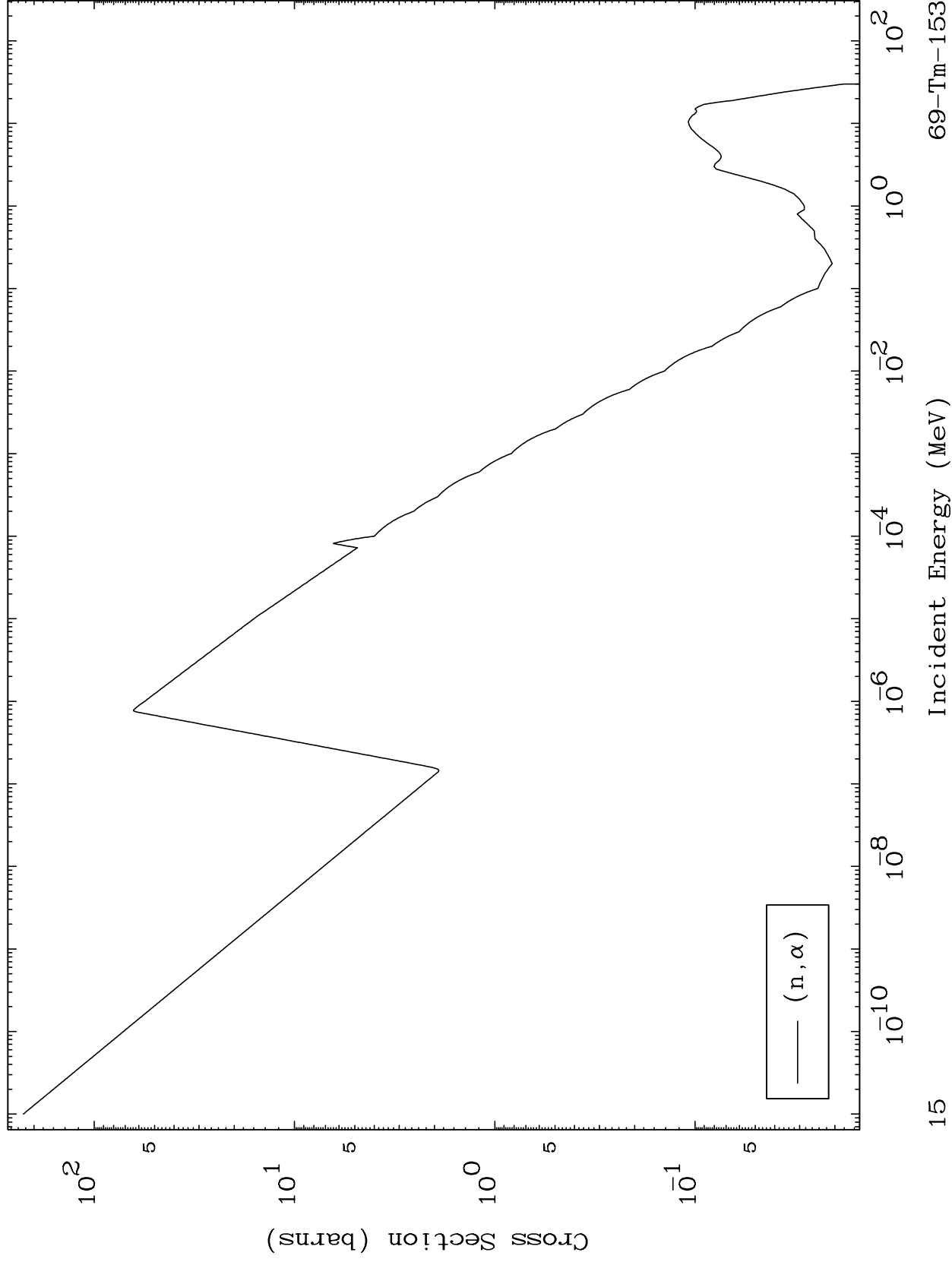
69-Tm-153



MAT 6878

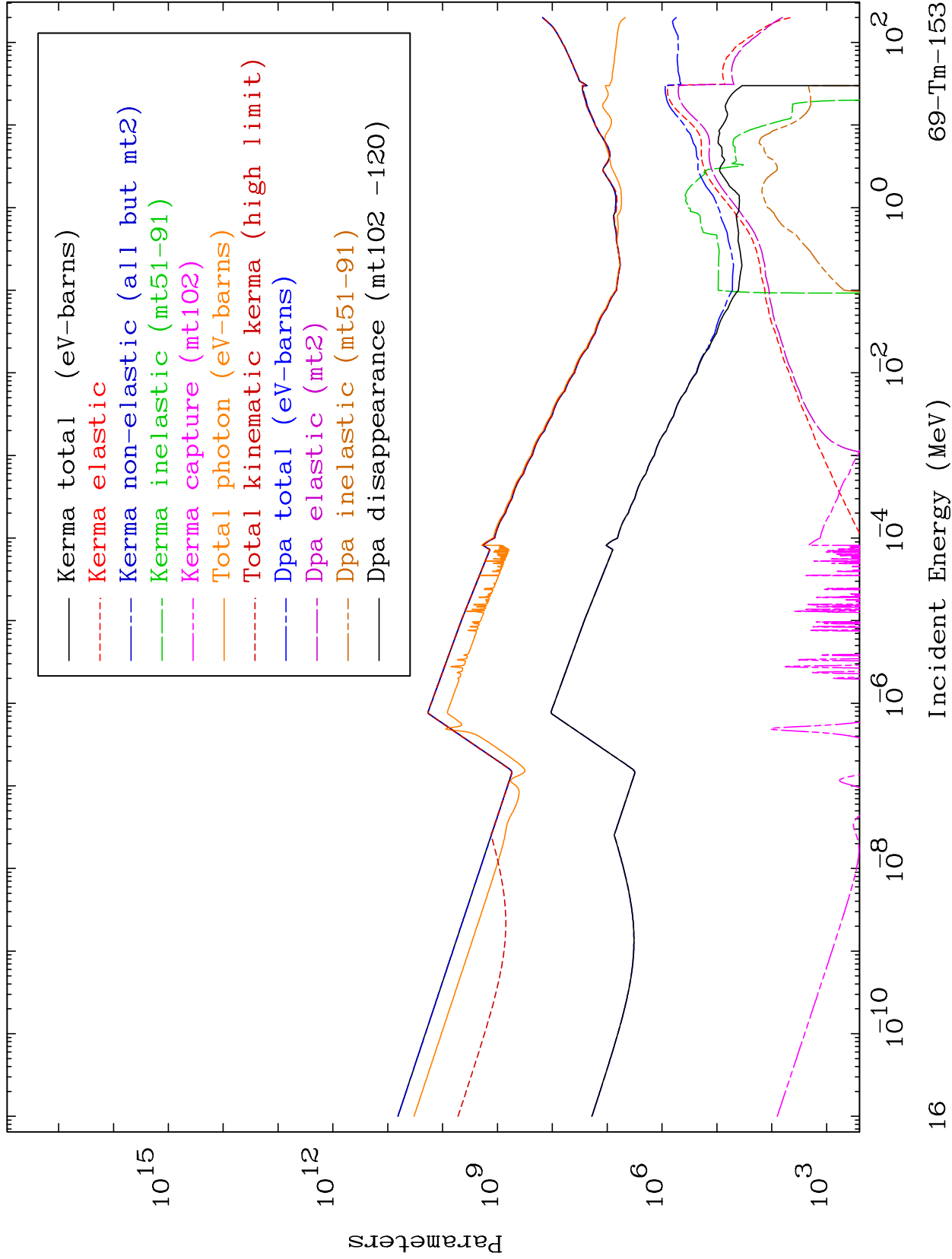
(n, α) Levels
293 Kelvin Cross Sections

69-Tm-153



15

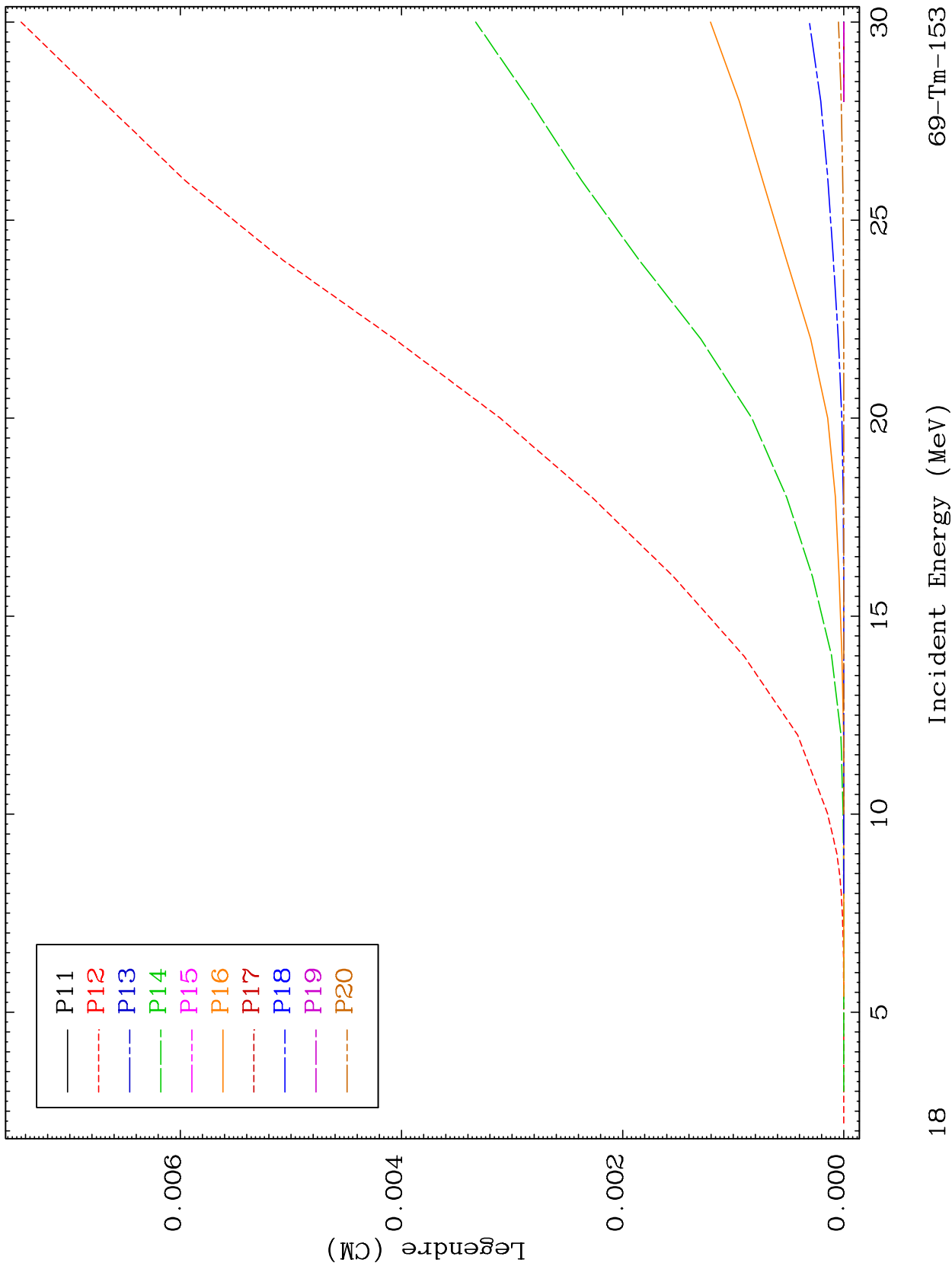
69-Tm-153



MAT 6878

Elastic Legendre Coefficients

69-Tm-153



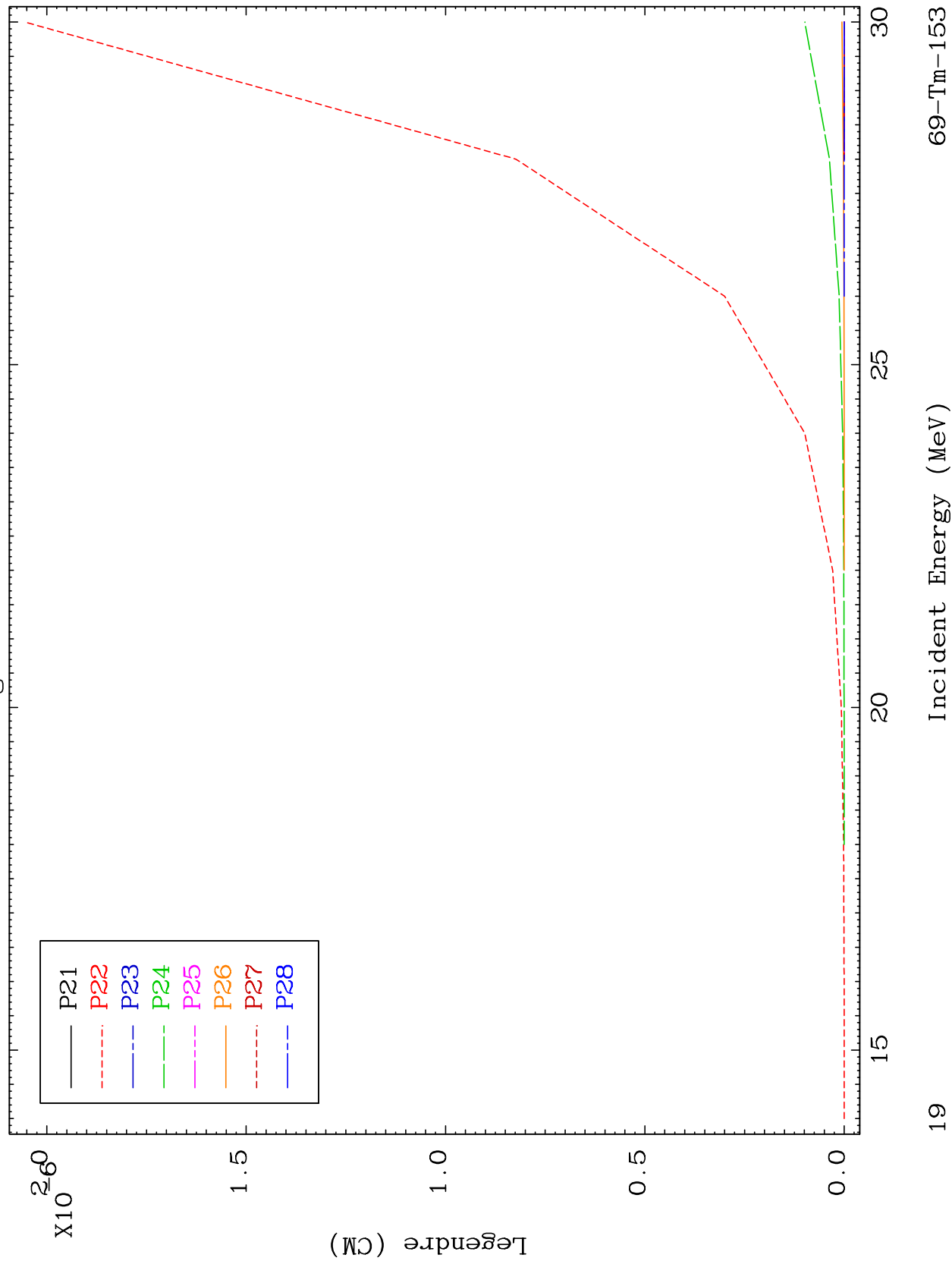
18

69-Tm-153

MAT 6878

Elastic Legendre Coefficients

69-Tm-153



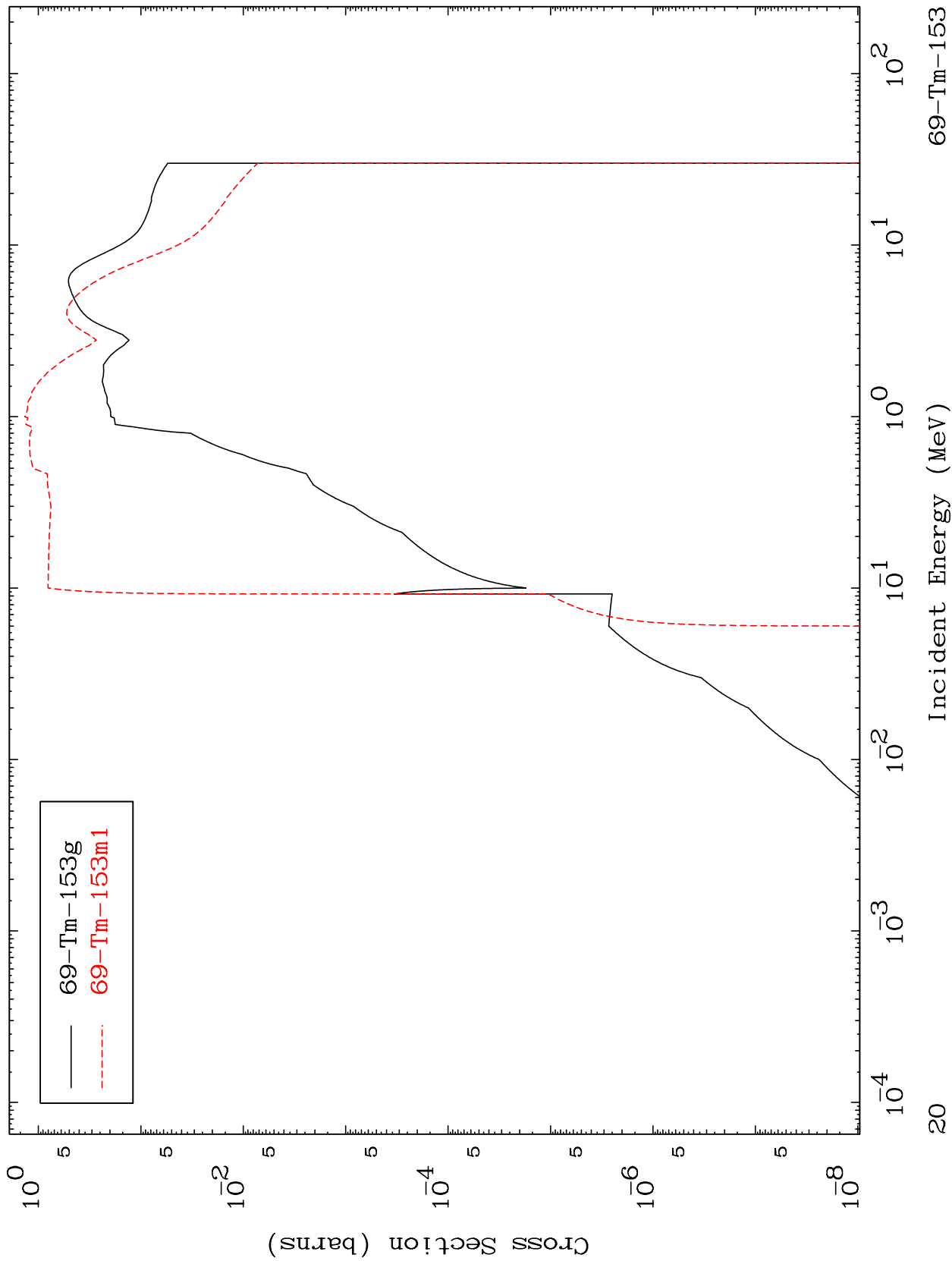
19

69-Tm-153

MAT 6878

69-Tm-153

Inelastic
Radionuclide Production Cross Section



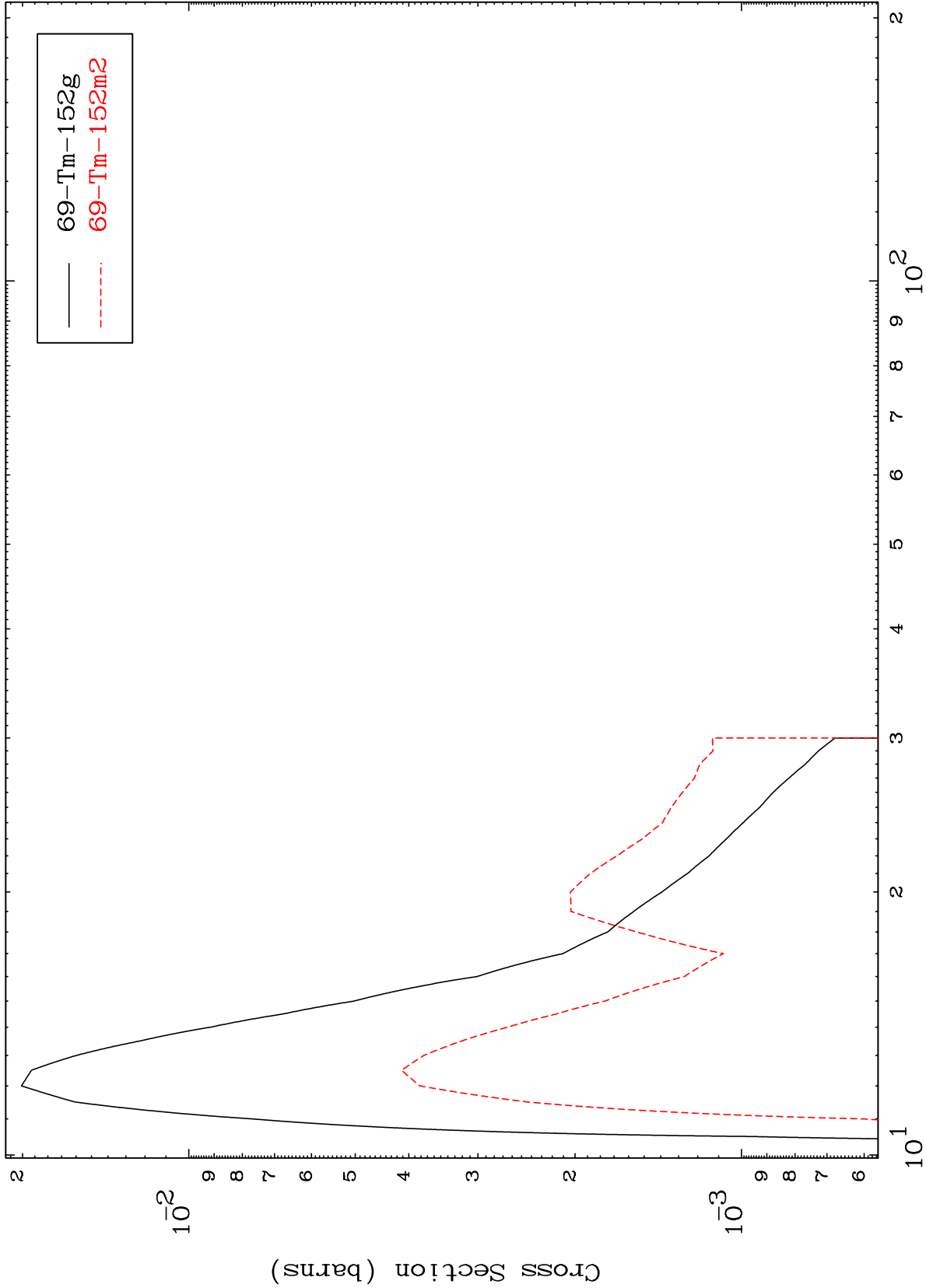
20

MAT 6878

(n,2n)

69-Tm-153

Radionuclide Production Cross Section



21

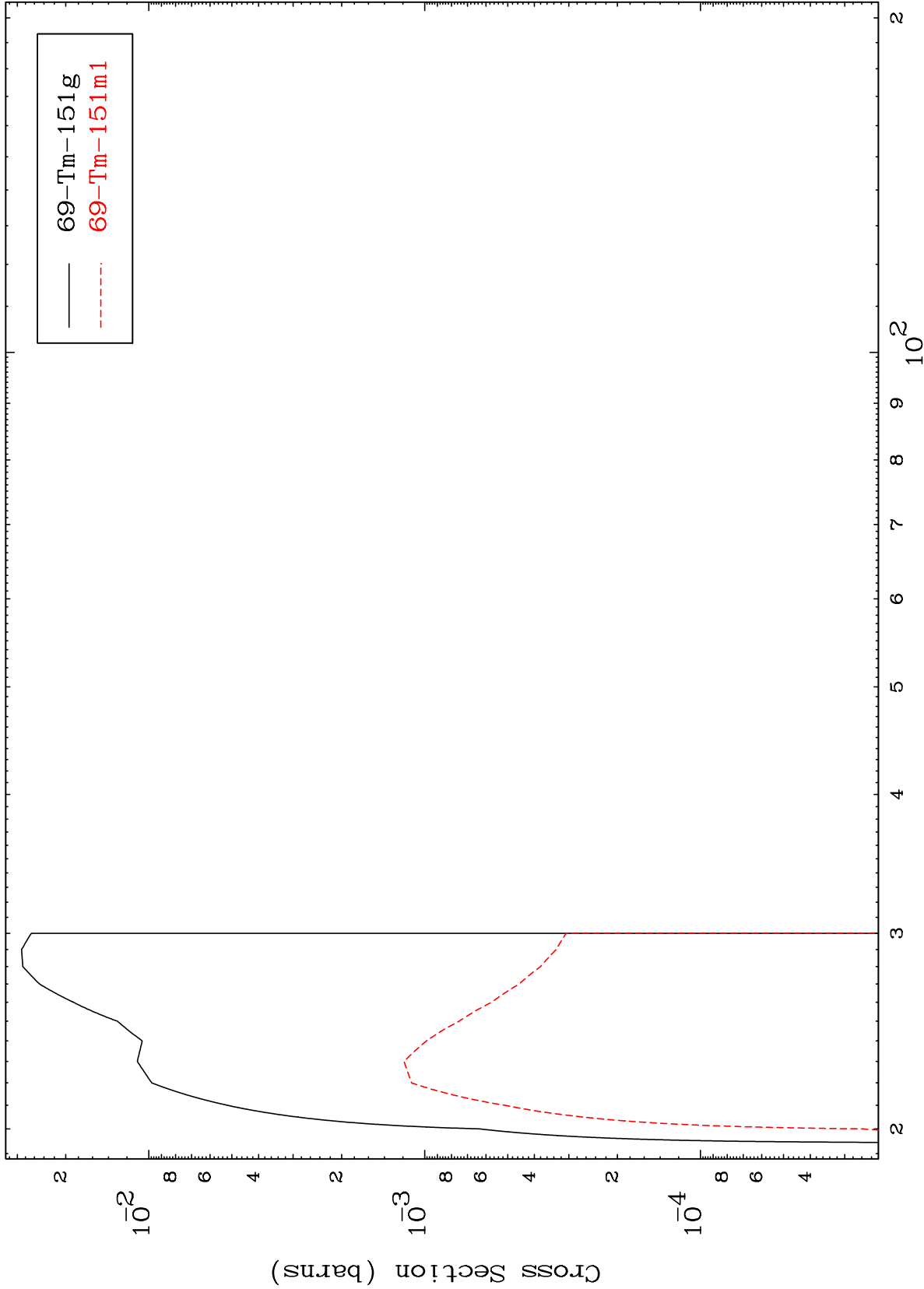
Incident Energy (MeV)

69-Tm-153

MAT 6878

69-Tm-153

(n,3n)
Radionuclide Production Cross Section



69-Tm-153

Incident Energy (MeV)

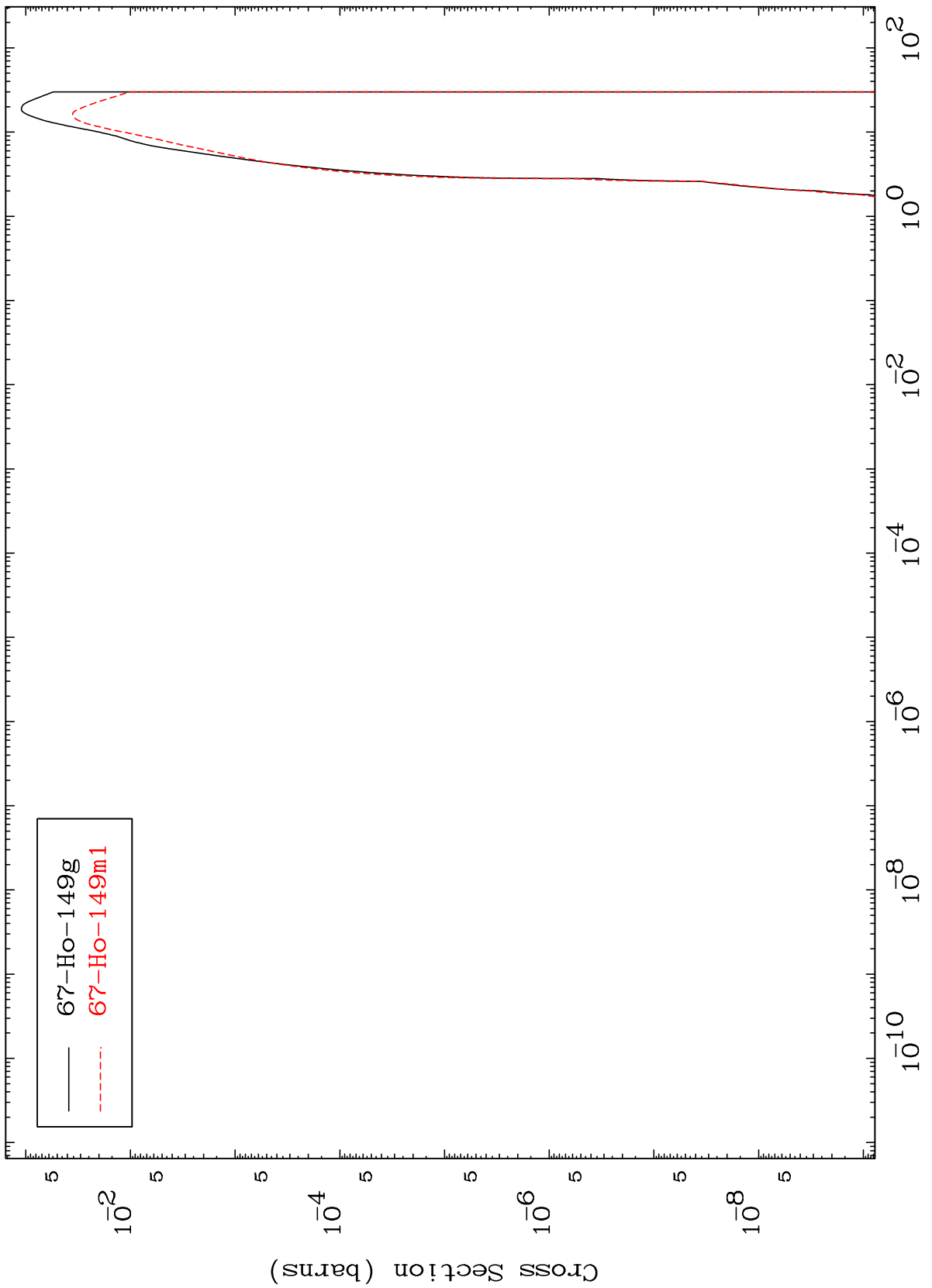
22

MAT 6878

$(n, n') \alpha$

69-Tm-153

Radionuclide Production Cross Section

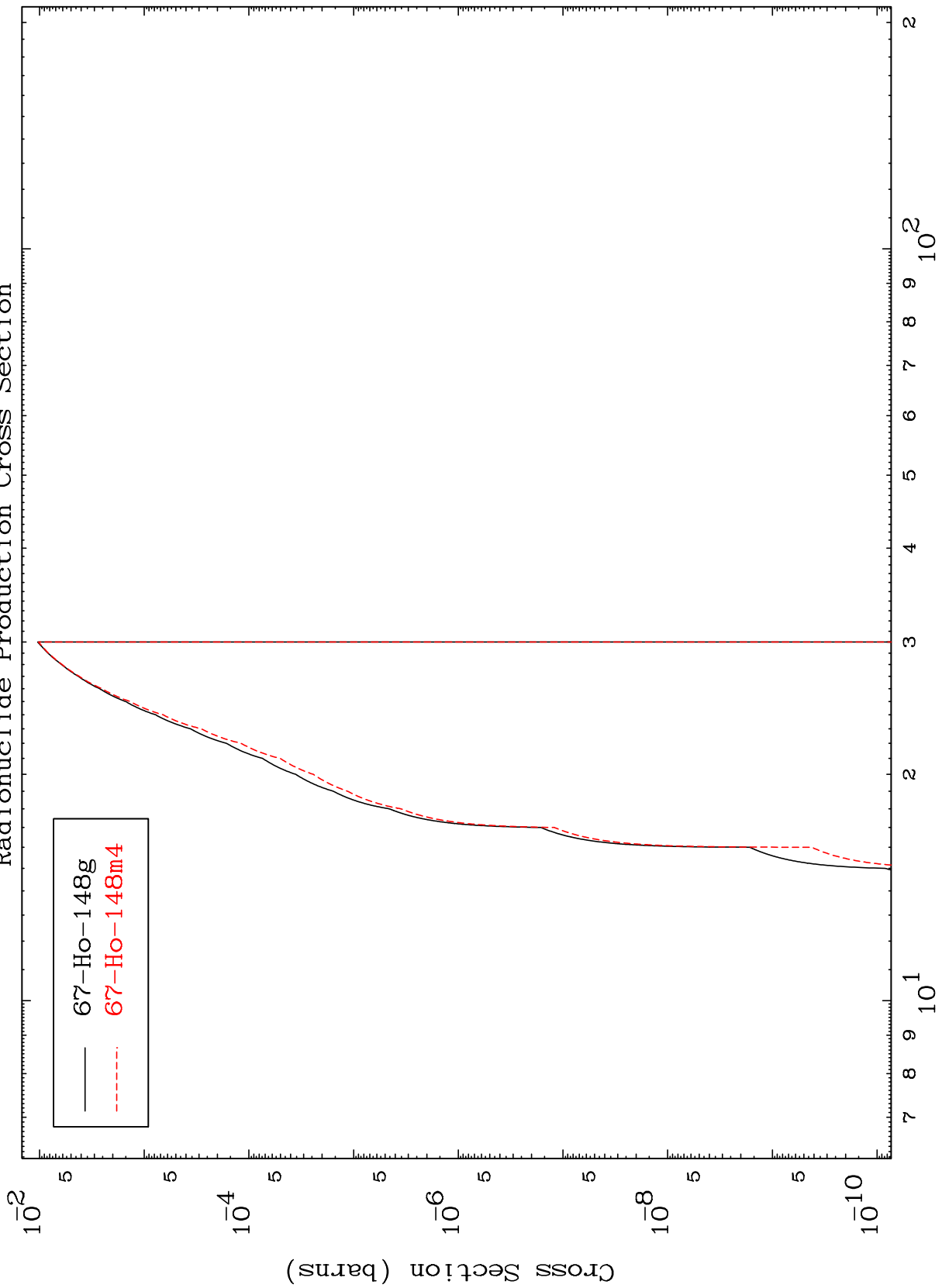


MAT 6878

$(n,2n) \alpha$

69-Tm-153

Radionuclide Production Cross Section



24

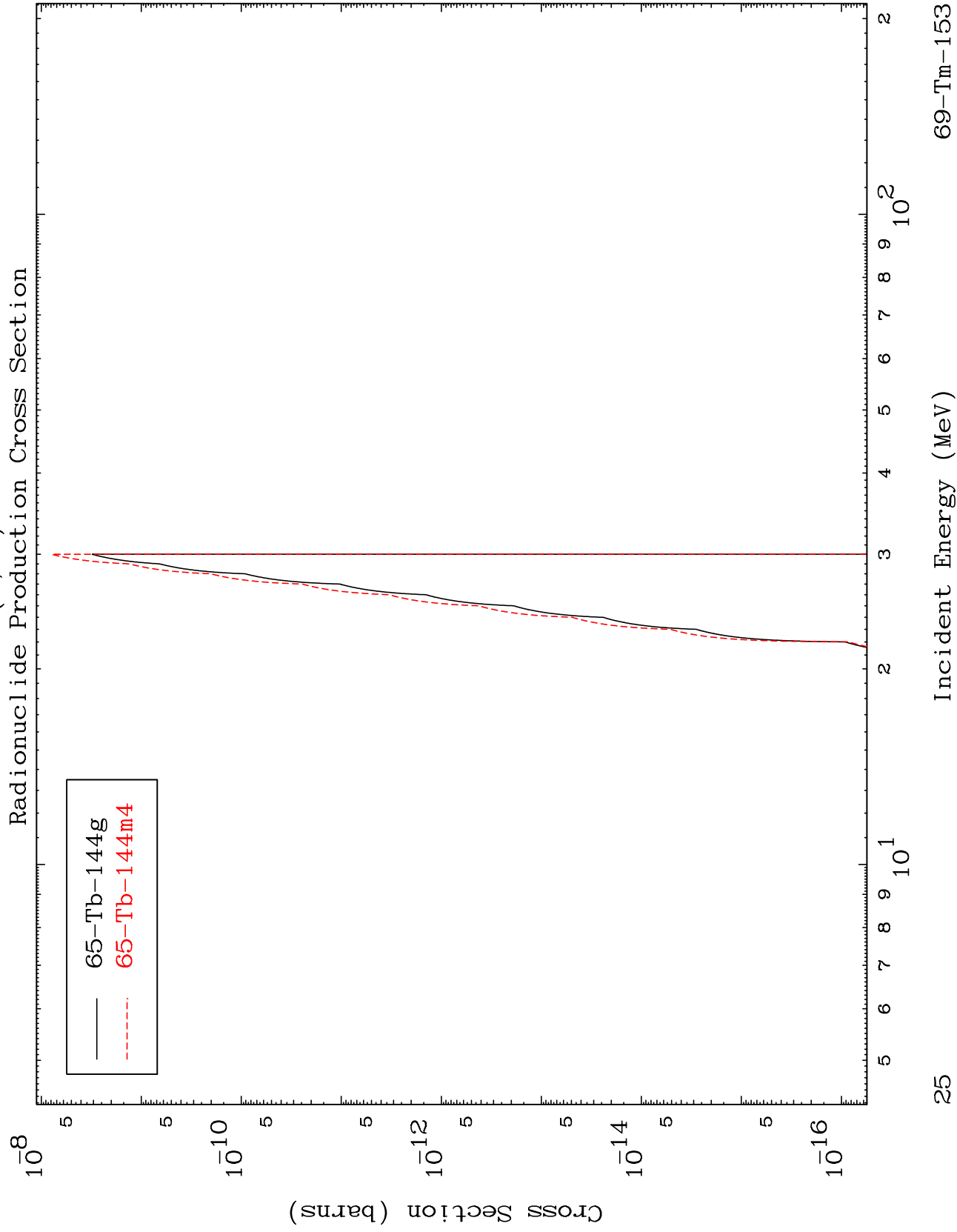
Incident Energy (MeV)

69-Tm-153

MAT 6878

(n,2n) 2α

69-Tm-153



25

Incident Energy (MeV)

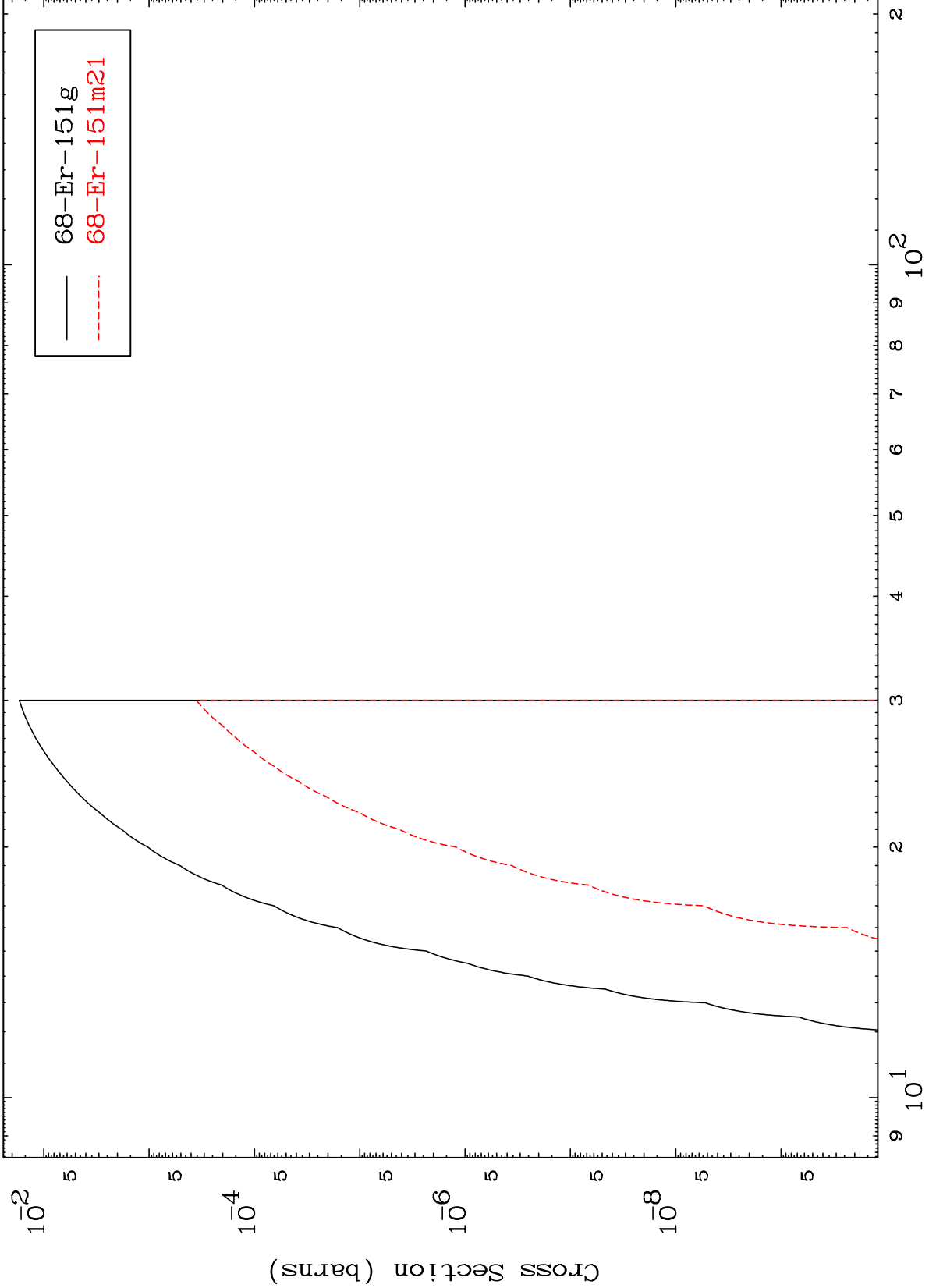
69-Tm-153

MAT 6878

(n,n') d

69-Tm-153

Radionuclide Production Cross Section



68-Er-151g
68-Er-151m21

26

Incident Energy (MeV)

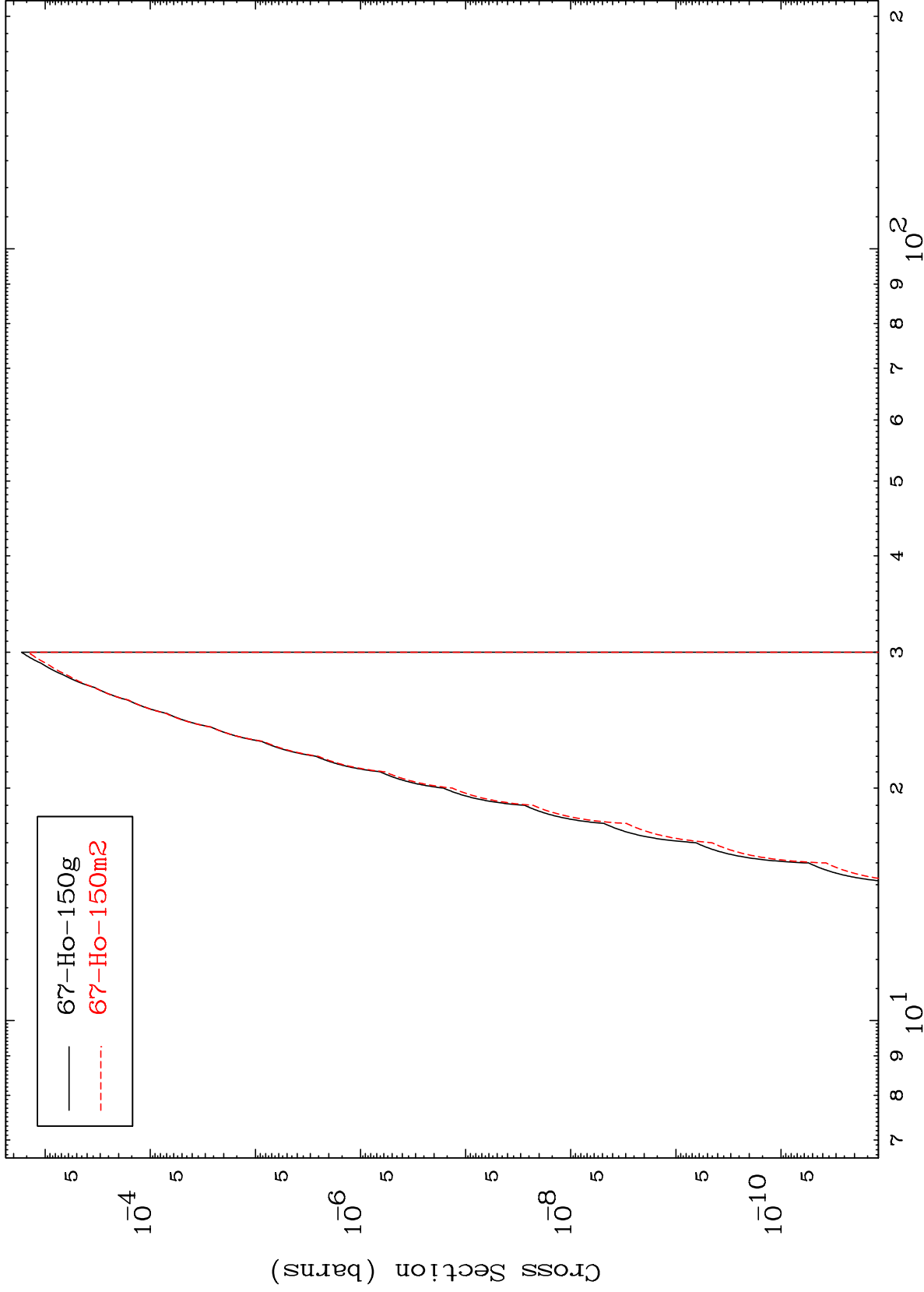
69-Tm-153

MAT 6878

(n,n') He-3

69-Tm-153

Radionuclide Production Cross Section



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

27

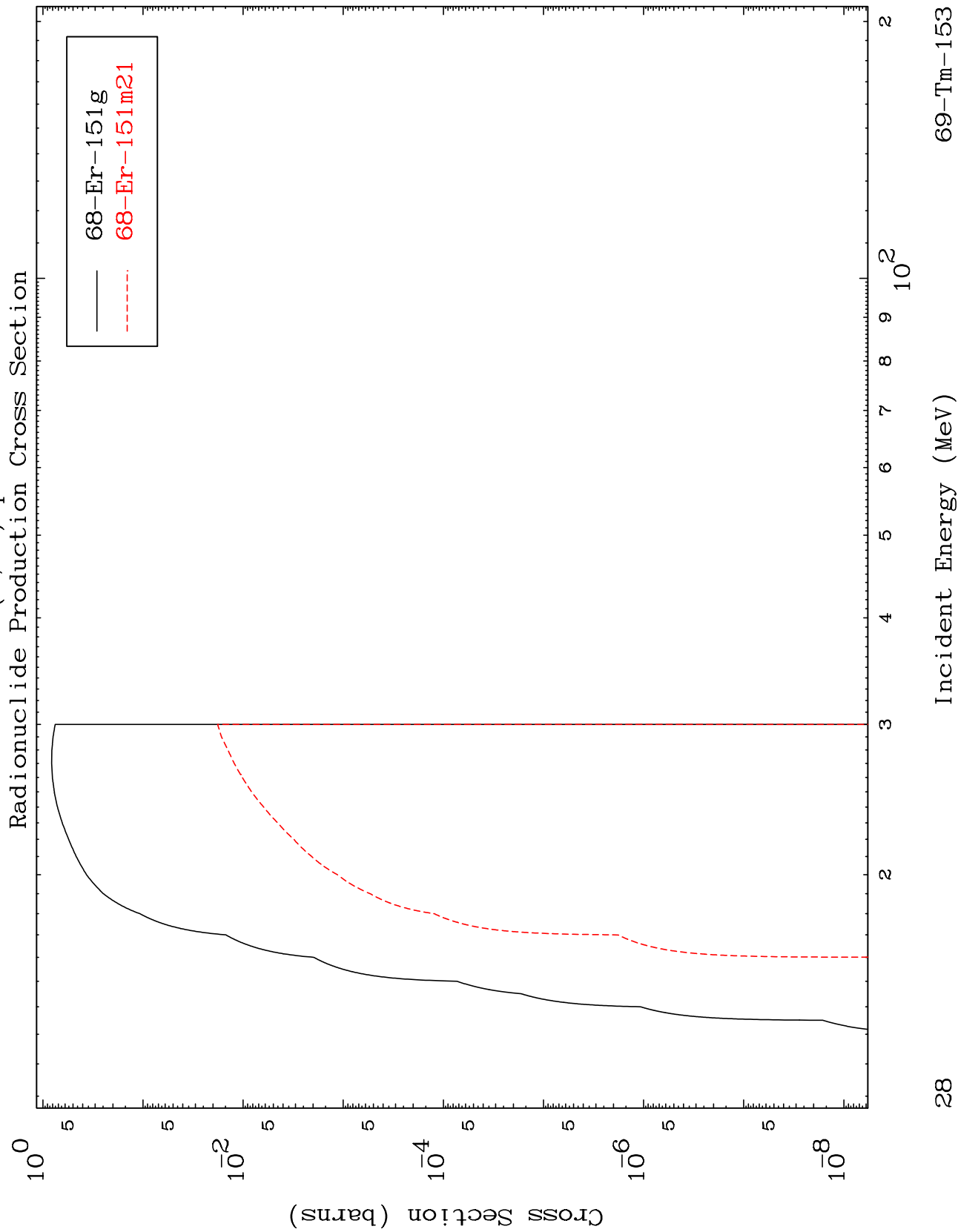
Incident Energy (MeV)

69-Tm-153

MAT 6878

(n,2n) p

69-Tm-153



28

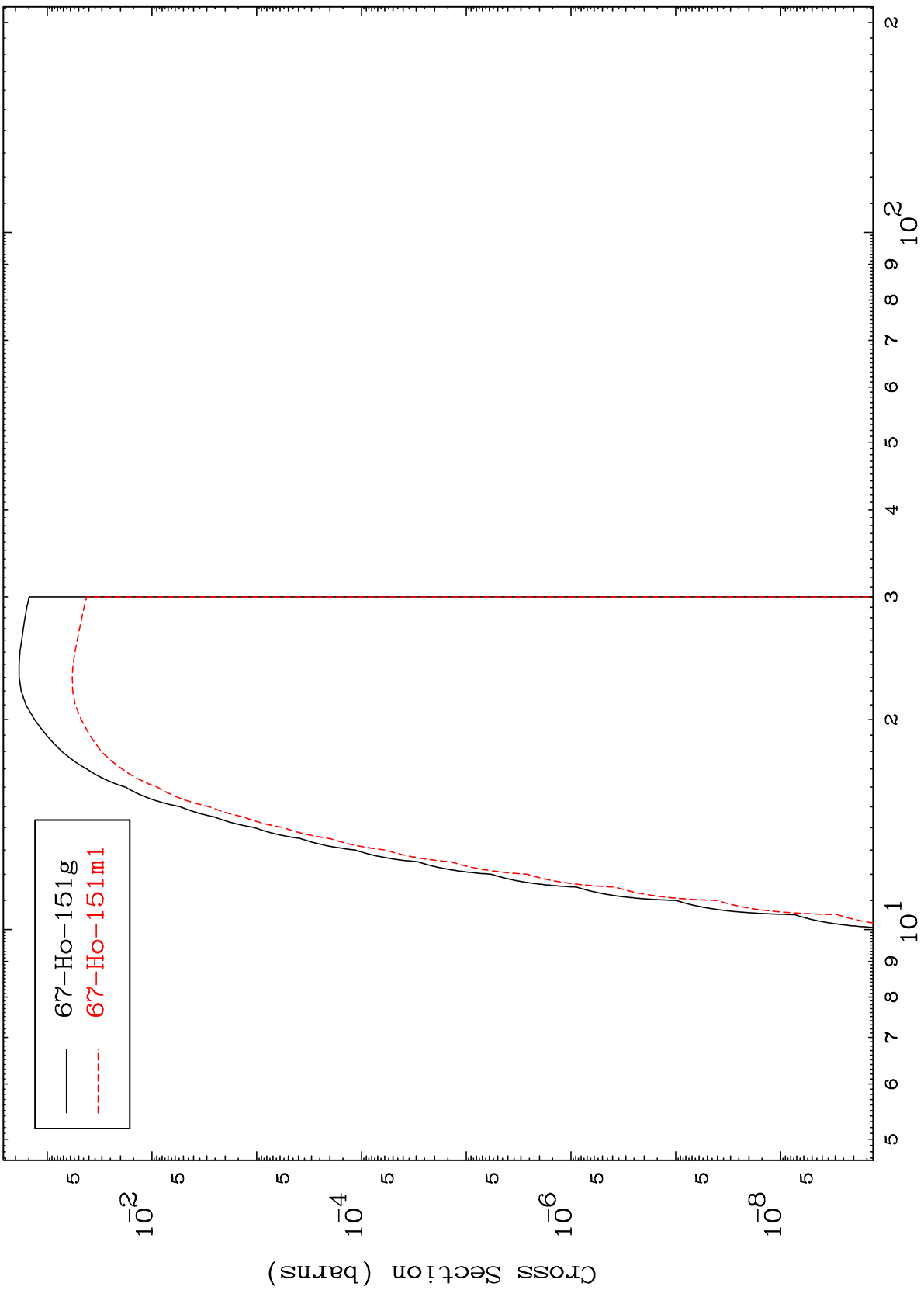
69-Tm-153

MAT 6878

$(n,2n)$ p

$^{69}\text{Tm-153}$

Radionuclide Production Cross Section

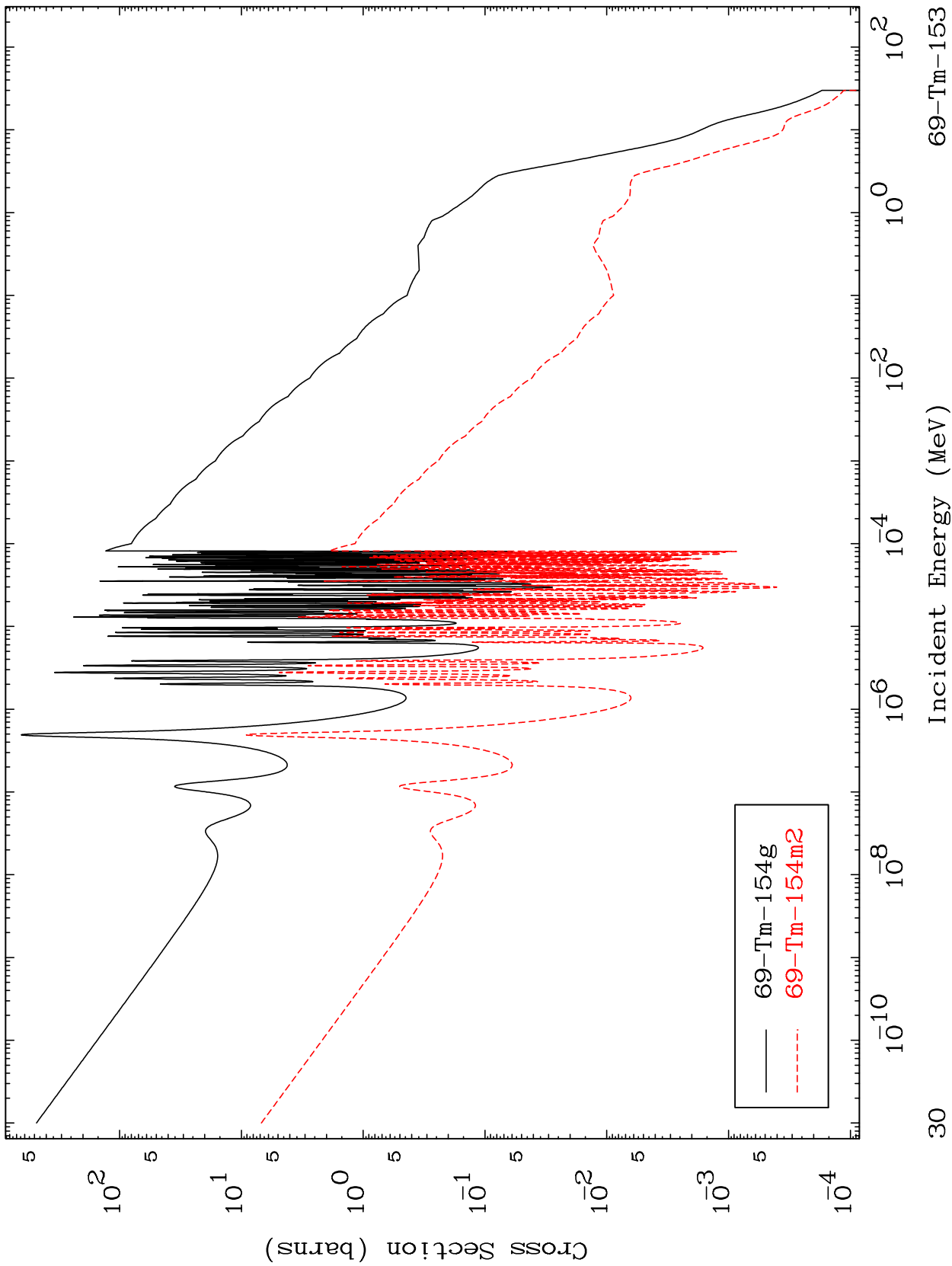


— $^{67}\text{Ho-151g}$
- - - $^{67}\text{Ho-151m1}$

MAT 6878

69-Tm-153

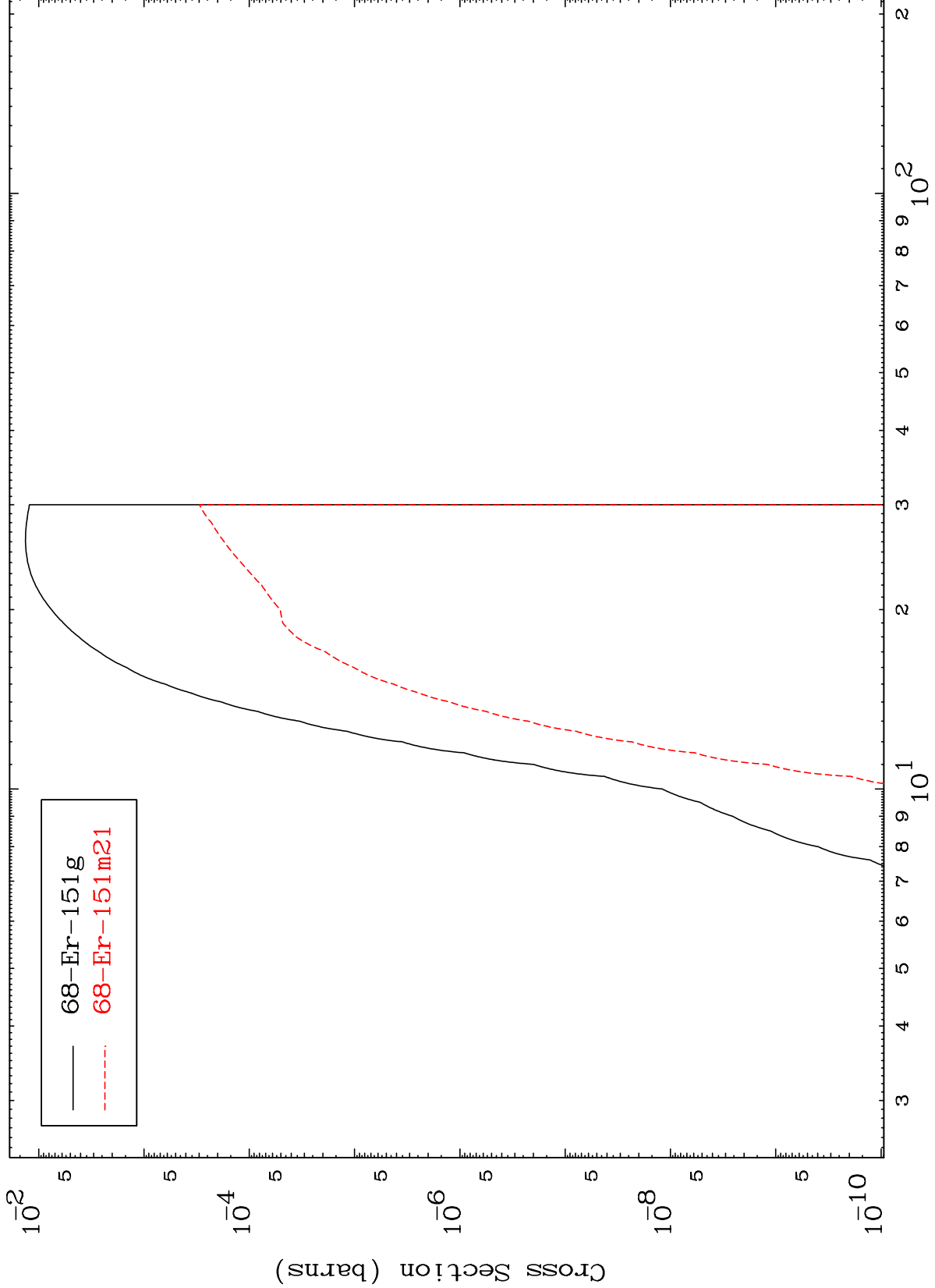
(n,γ)
Radionuclide Production Cross Section



MAT 6878

69-Tm-153

(n, t)
Radionuclide Production Cross Section



68-Er-151g
68-Er-151m21

69-Tm-153

Incident Energy (MeV)

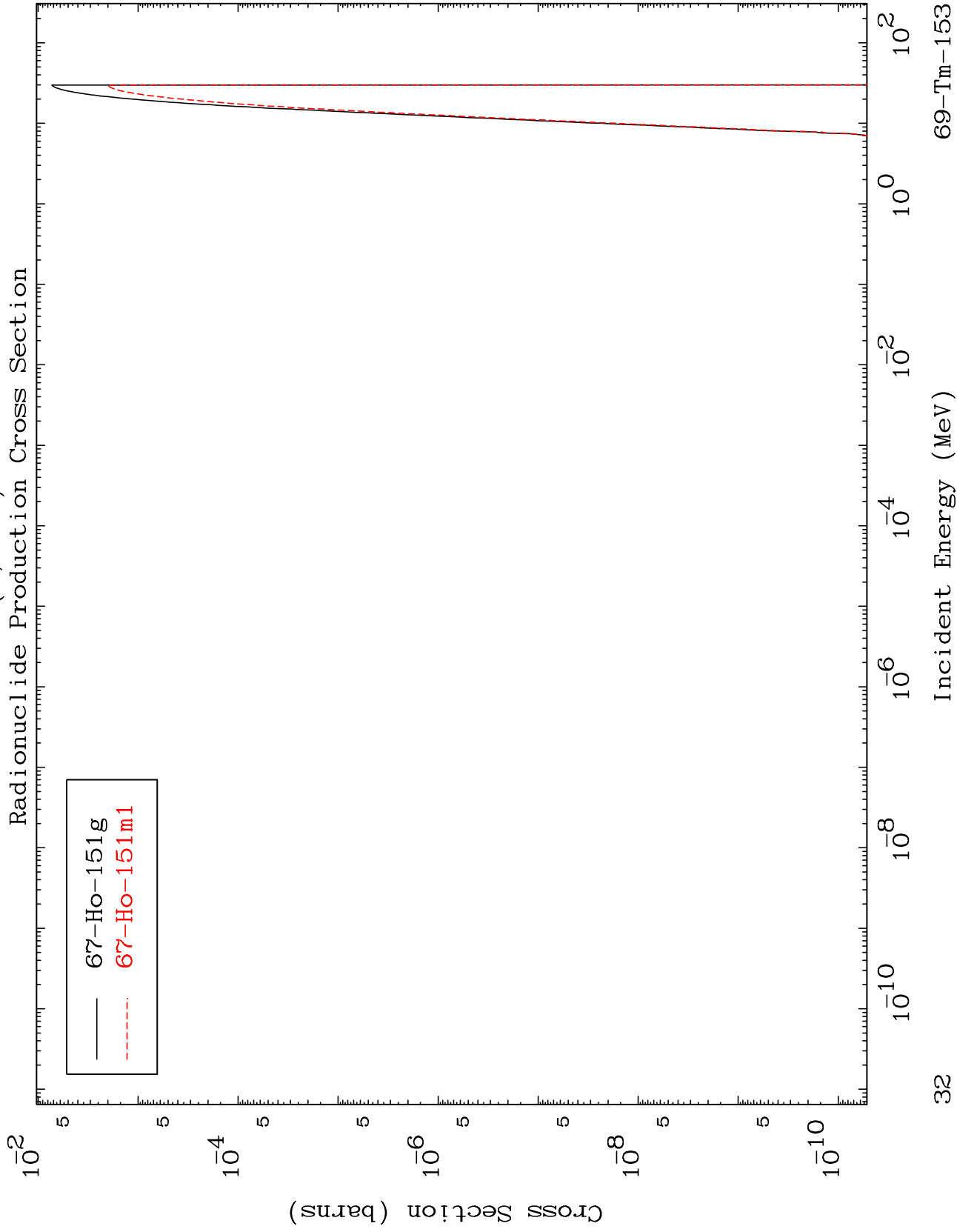
31

MAT 6878

(n,He-3)

69-Tm-153

Radionuclide Production Cross Section



32

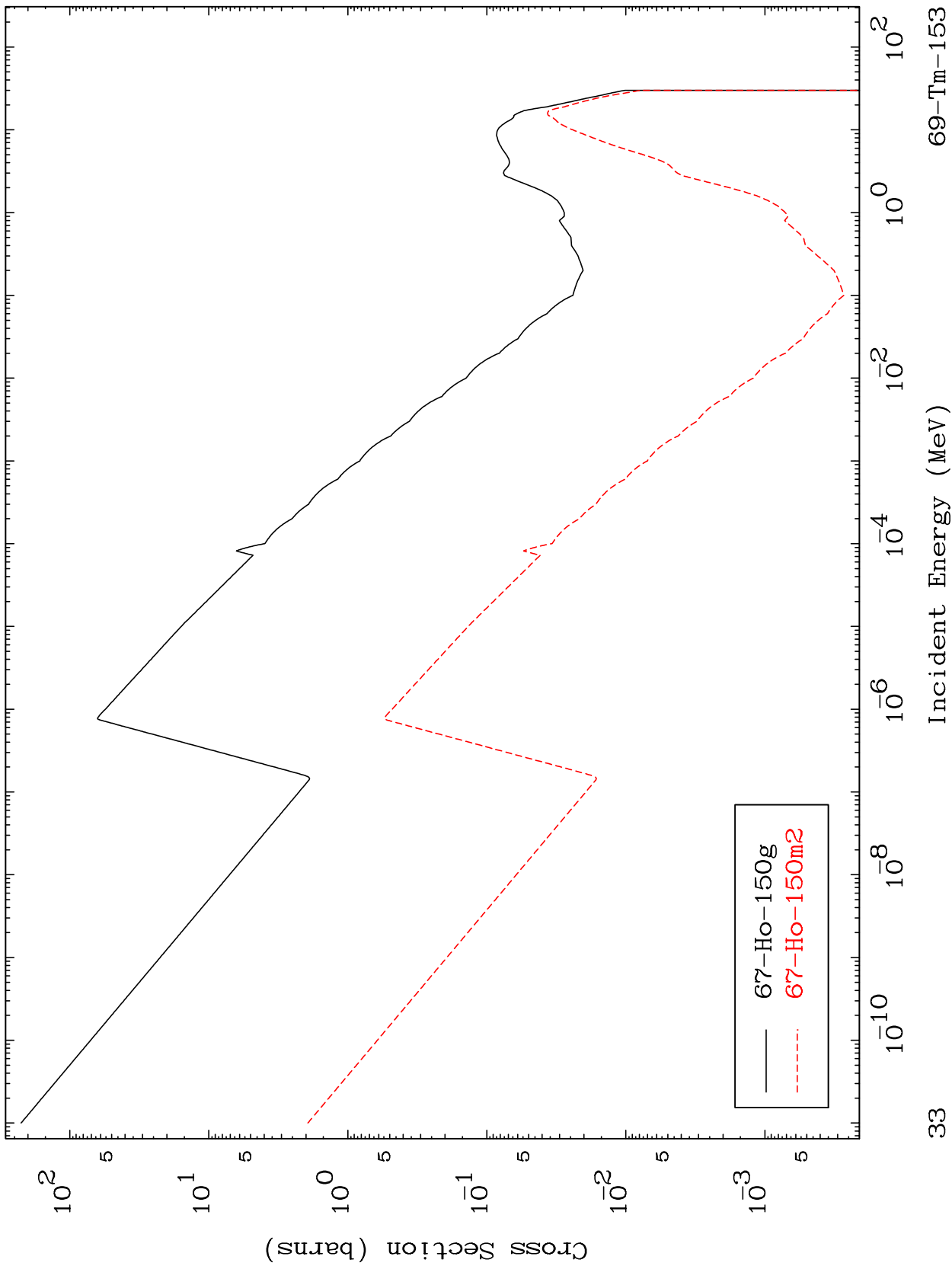
Incident Energy (MeV)

69-Tm-153

MAT 6878

69-Tm-153

Radionuclide Production Cross Section
(n, α)

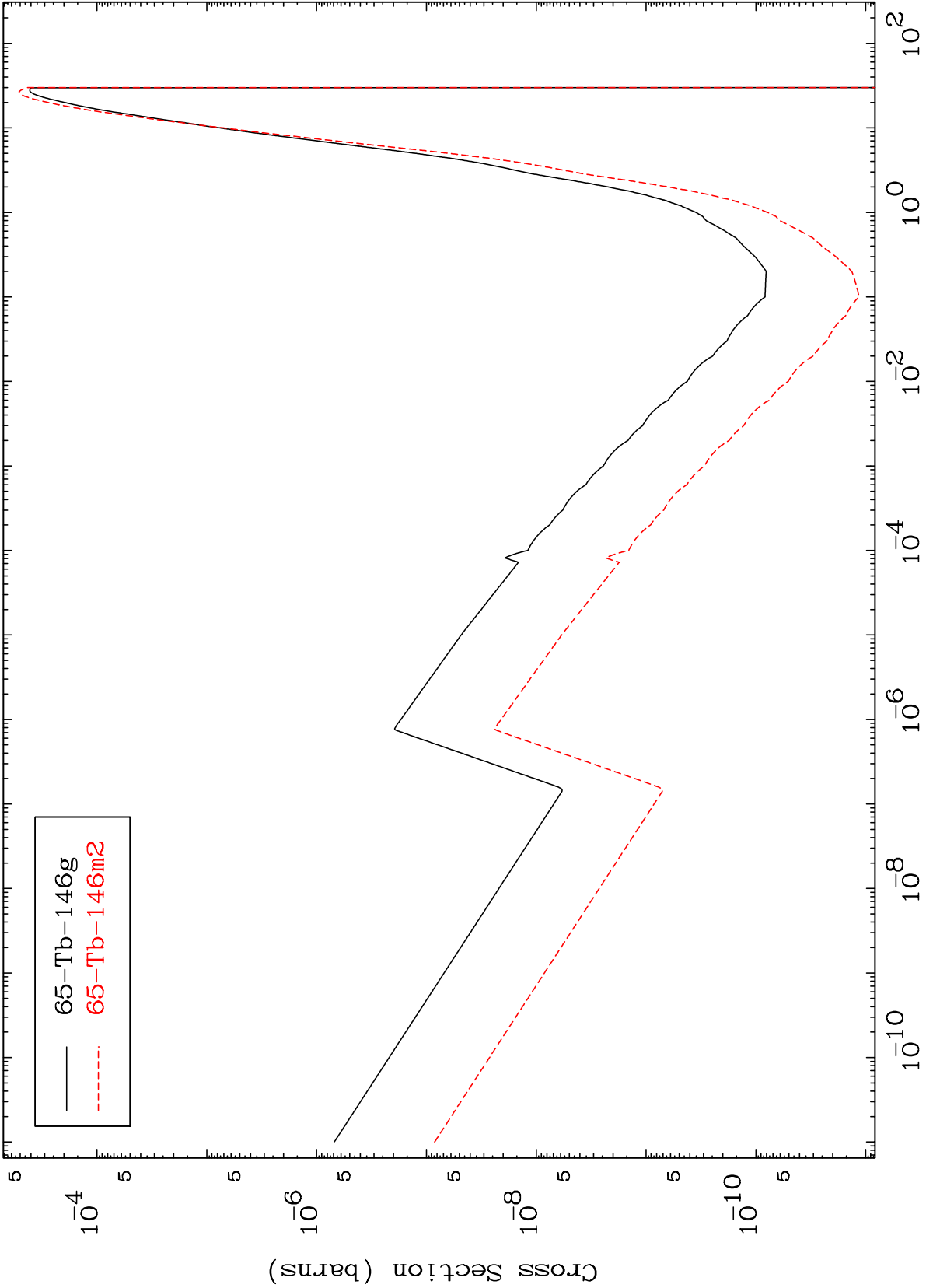


MAT 6878

(n,2α)

69-Tm-153

Radionuclide Production Cross Section

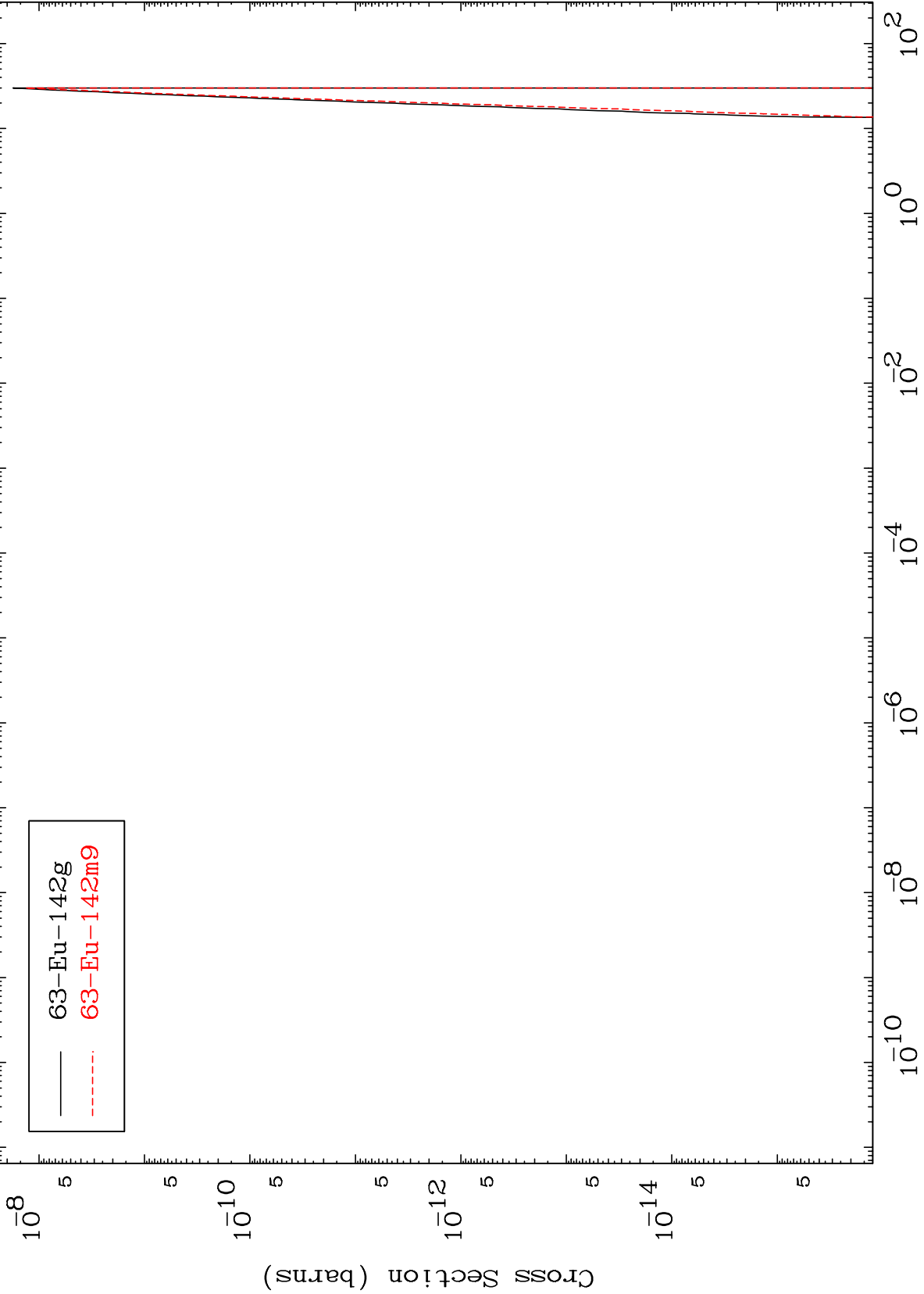


MAT 6878

(n,3 α)

69-Tm-153

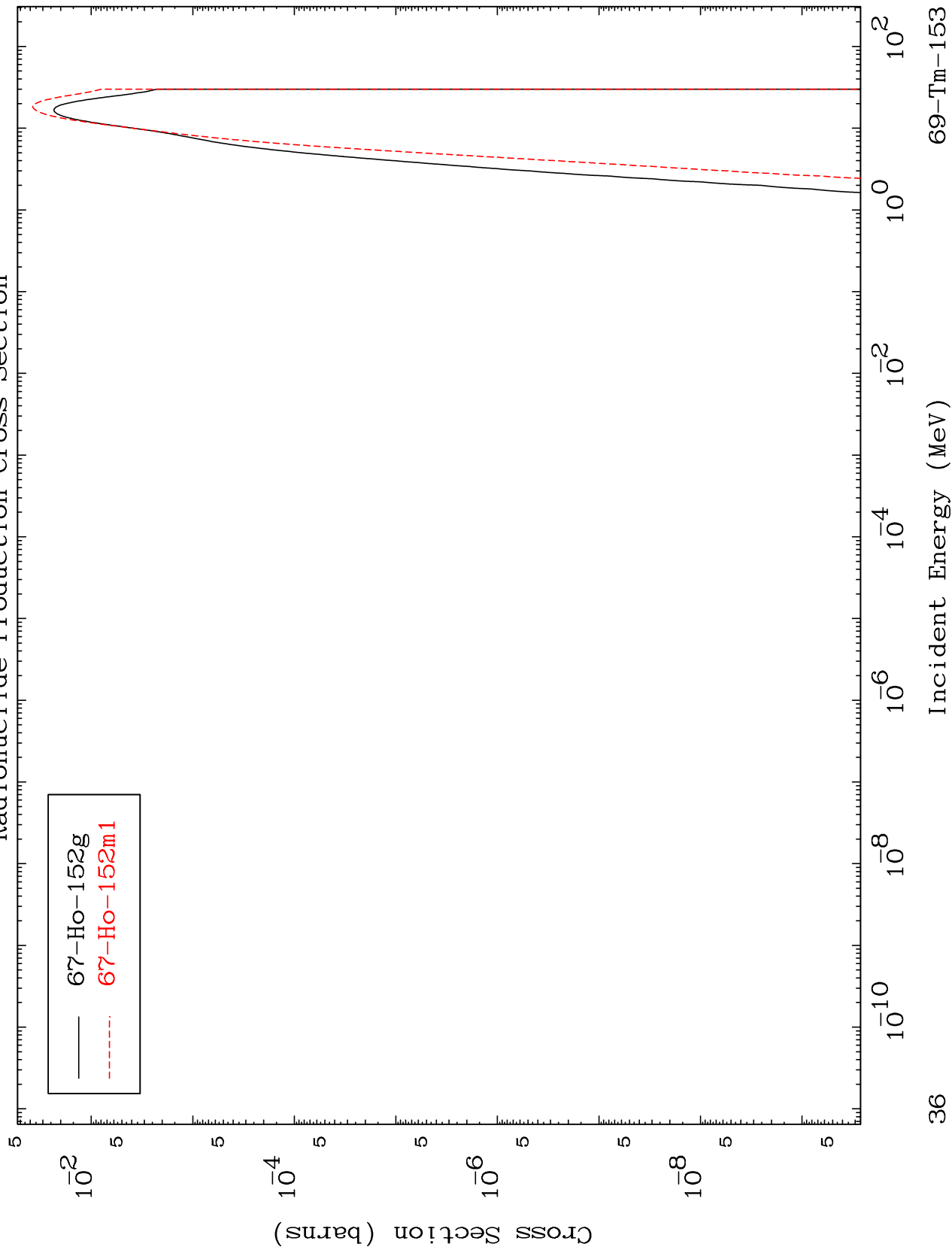
Radionuclide Production Cross Section



MAT 6878

69-Tm-153

(n,2p)
Radionuclide Production Cross Section

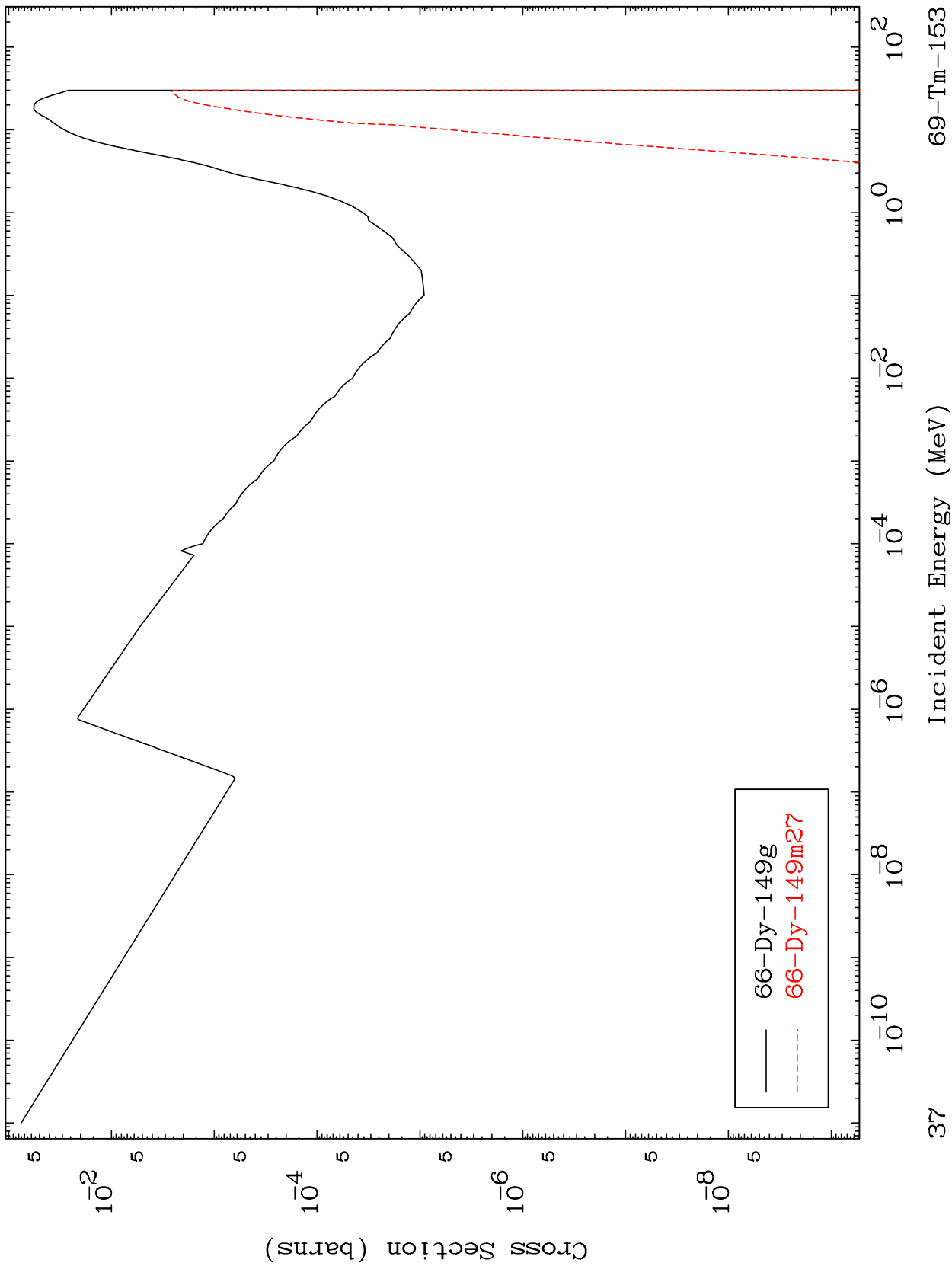


MAT 6878

(n,p) α

69-Tm-153

Radionuclide Production Cross Section

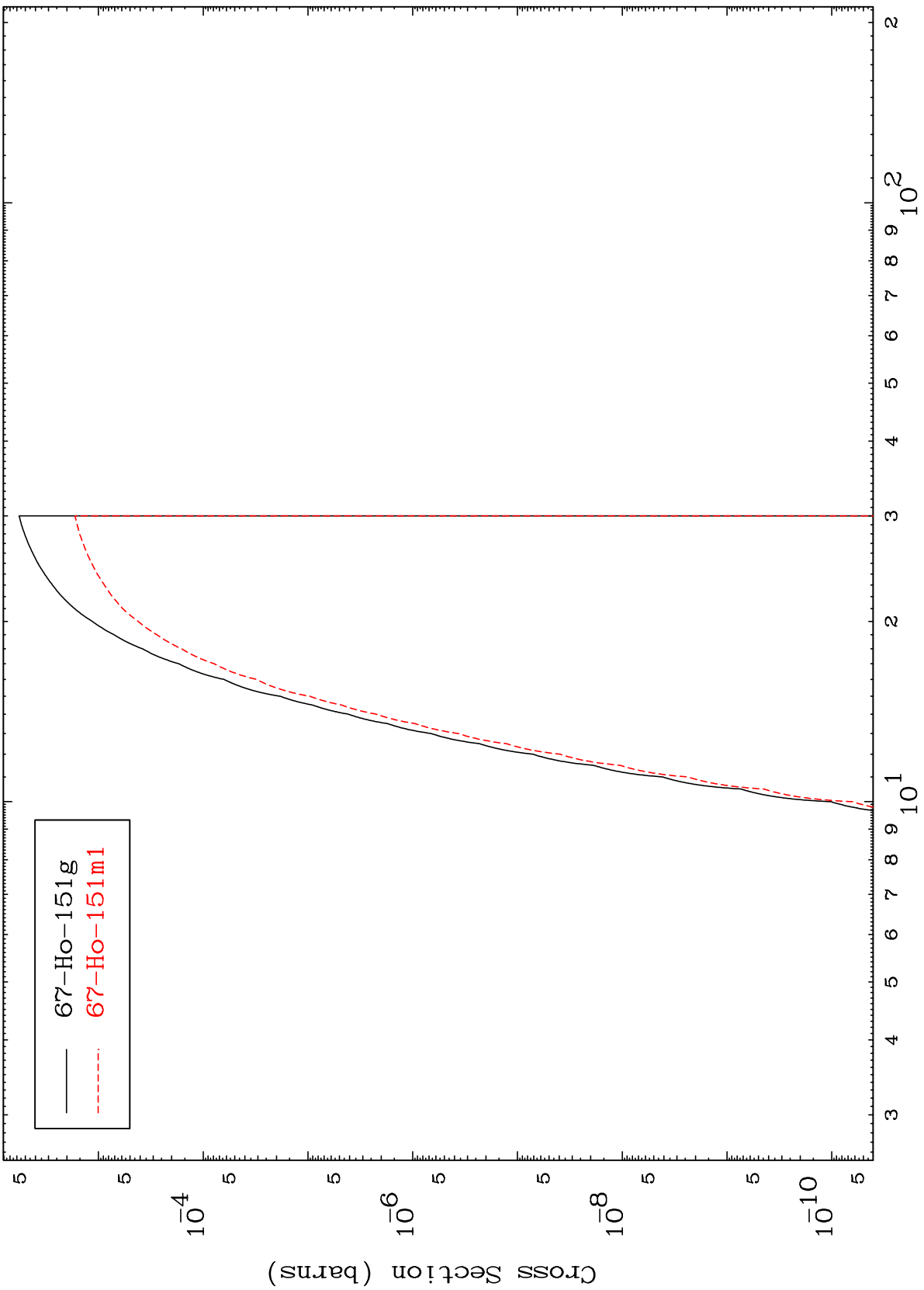


MAT 6878

(n,p) d

69-Tm-153

Radionuclide Production Cross Section



38

Incident Energy (MeV)

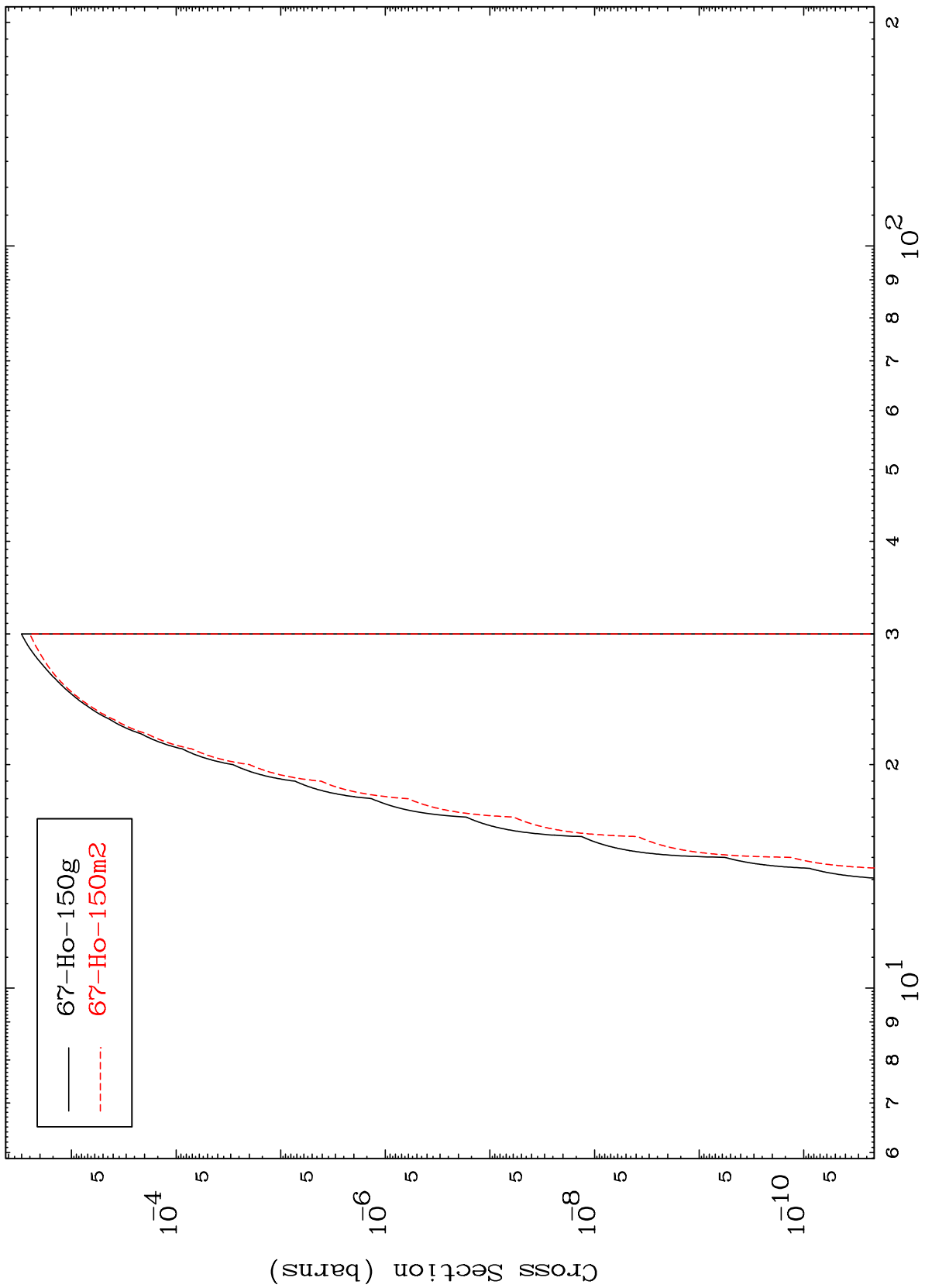
69-Tm-153

MAT 6878

(n,p) t

69-Tm-153

Radionuclide Production Cross Section



39

Incident Energy (MeV)

69-Tm-153