

Program EVALPLOT
(Version 2021-1)

by

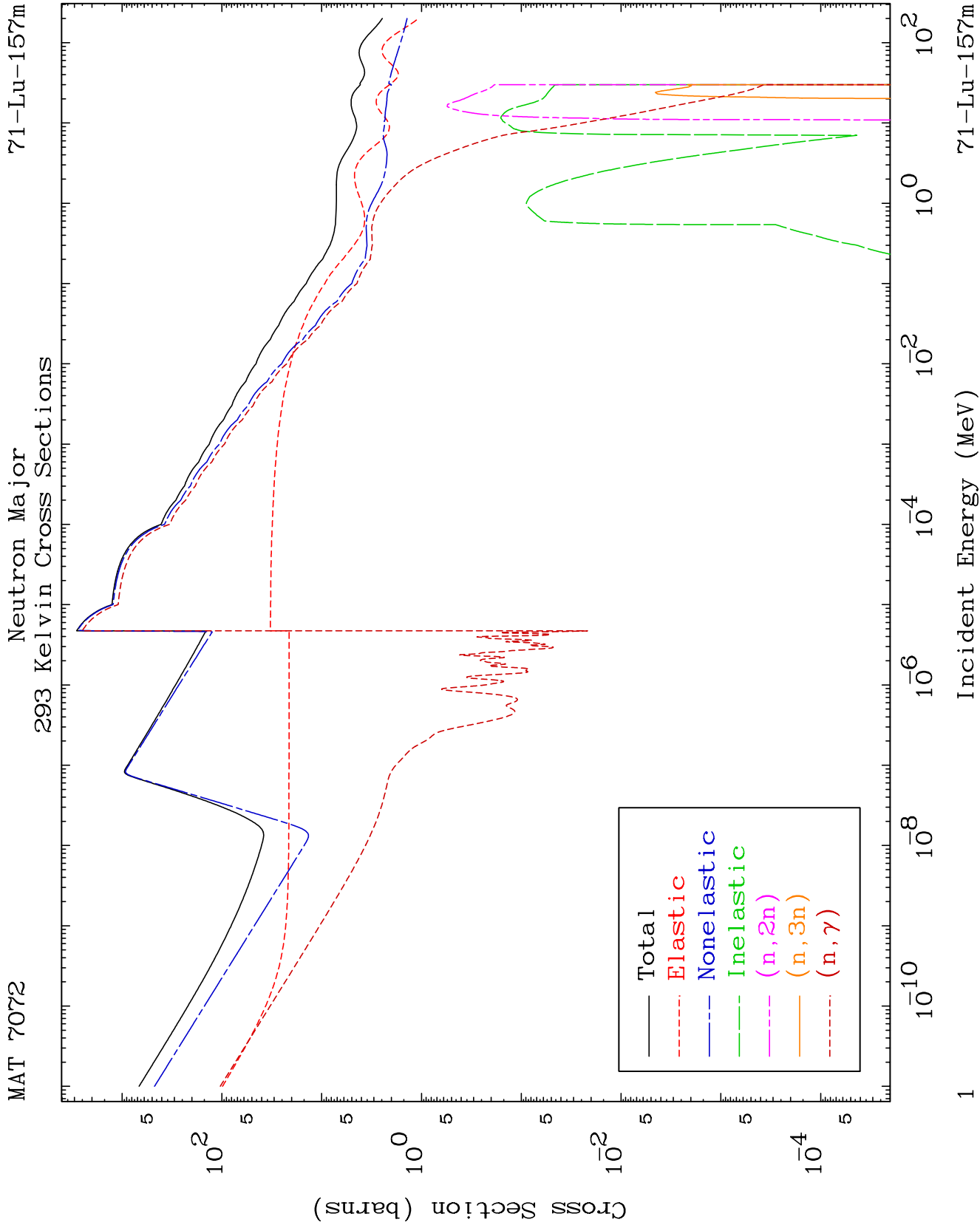
Dermott E. Cullen
(Present Contact Information)

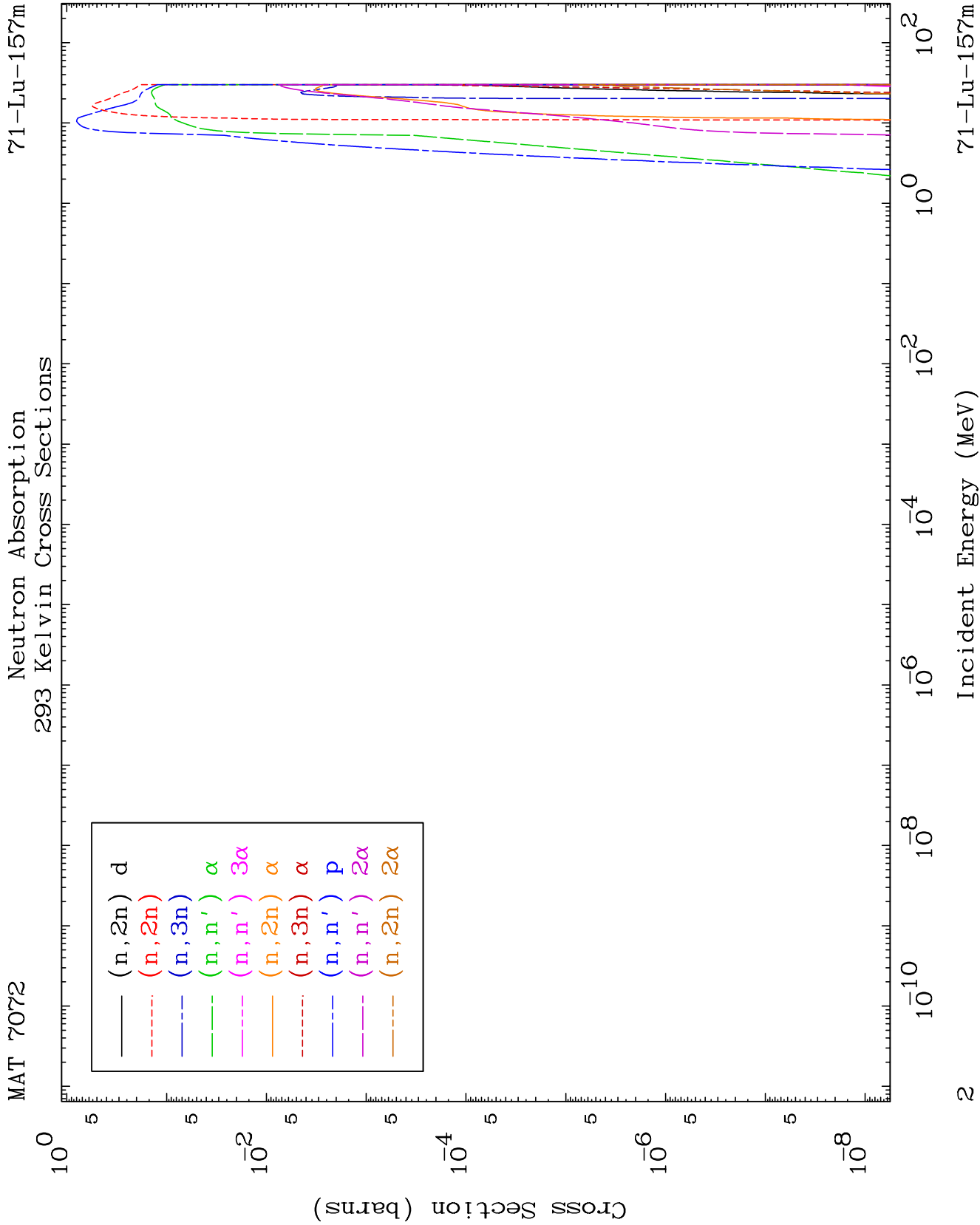
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

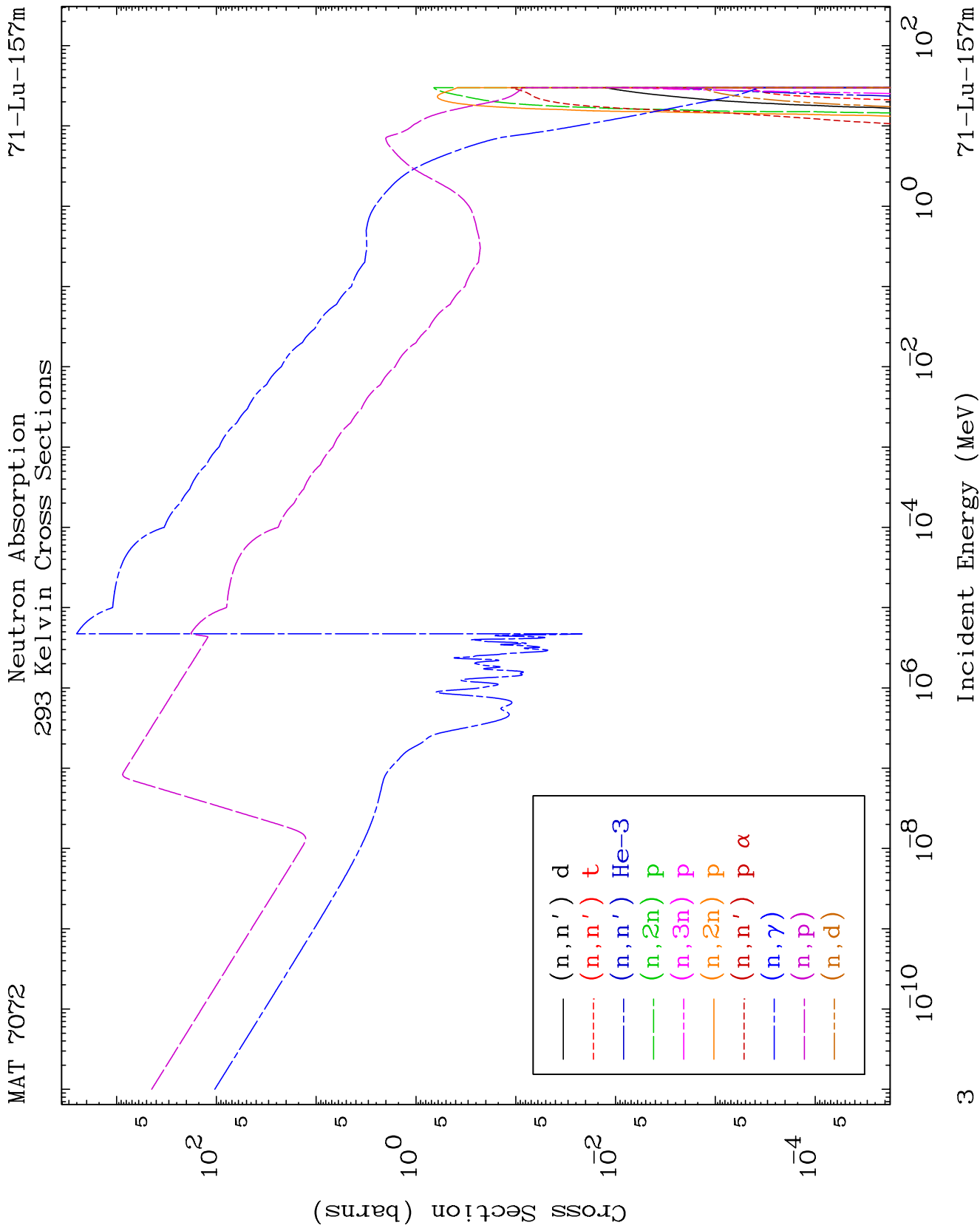
Tele: 925-443-1911

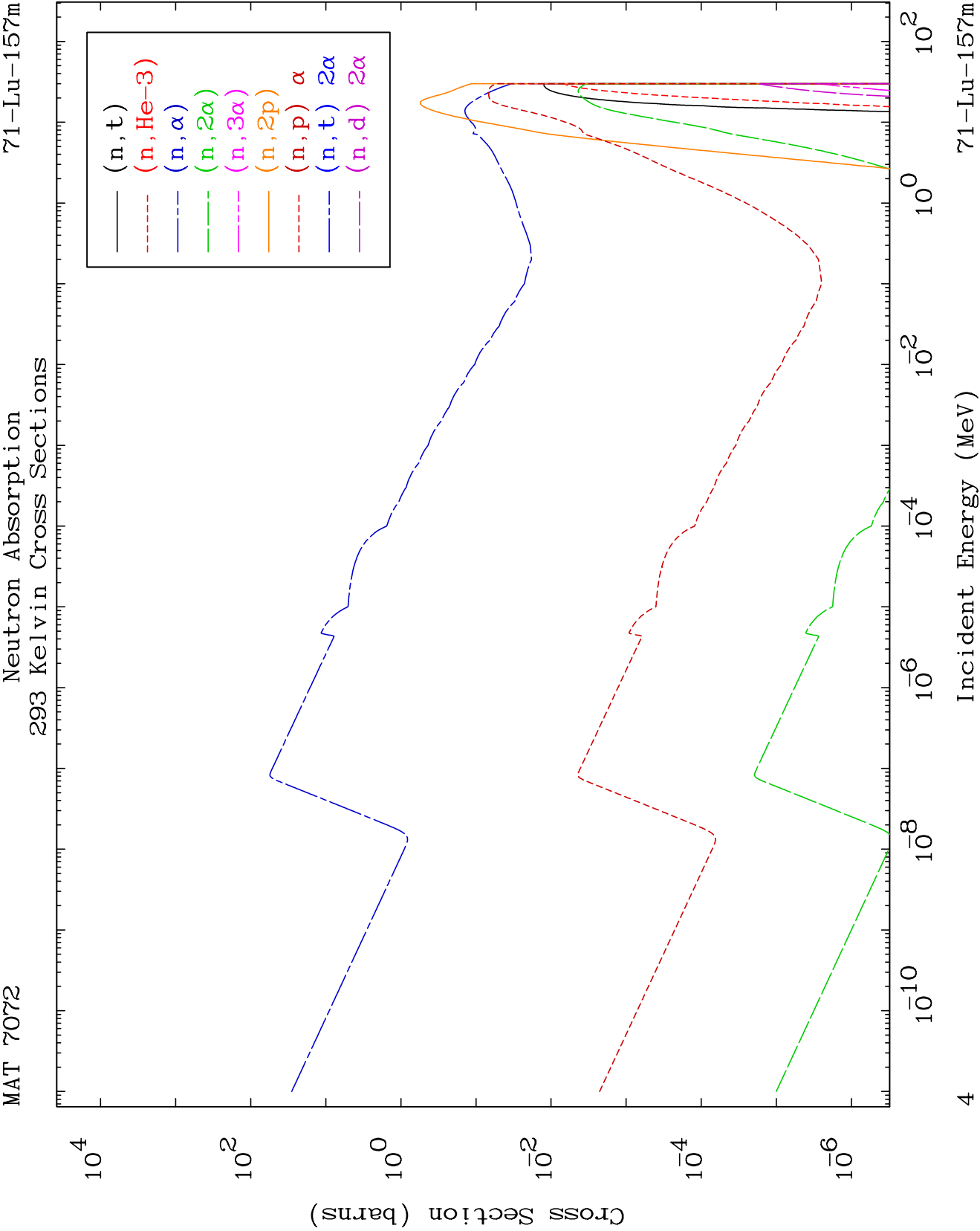
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

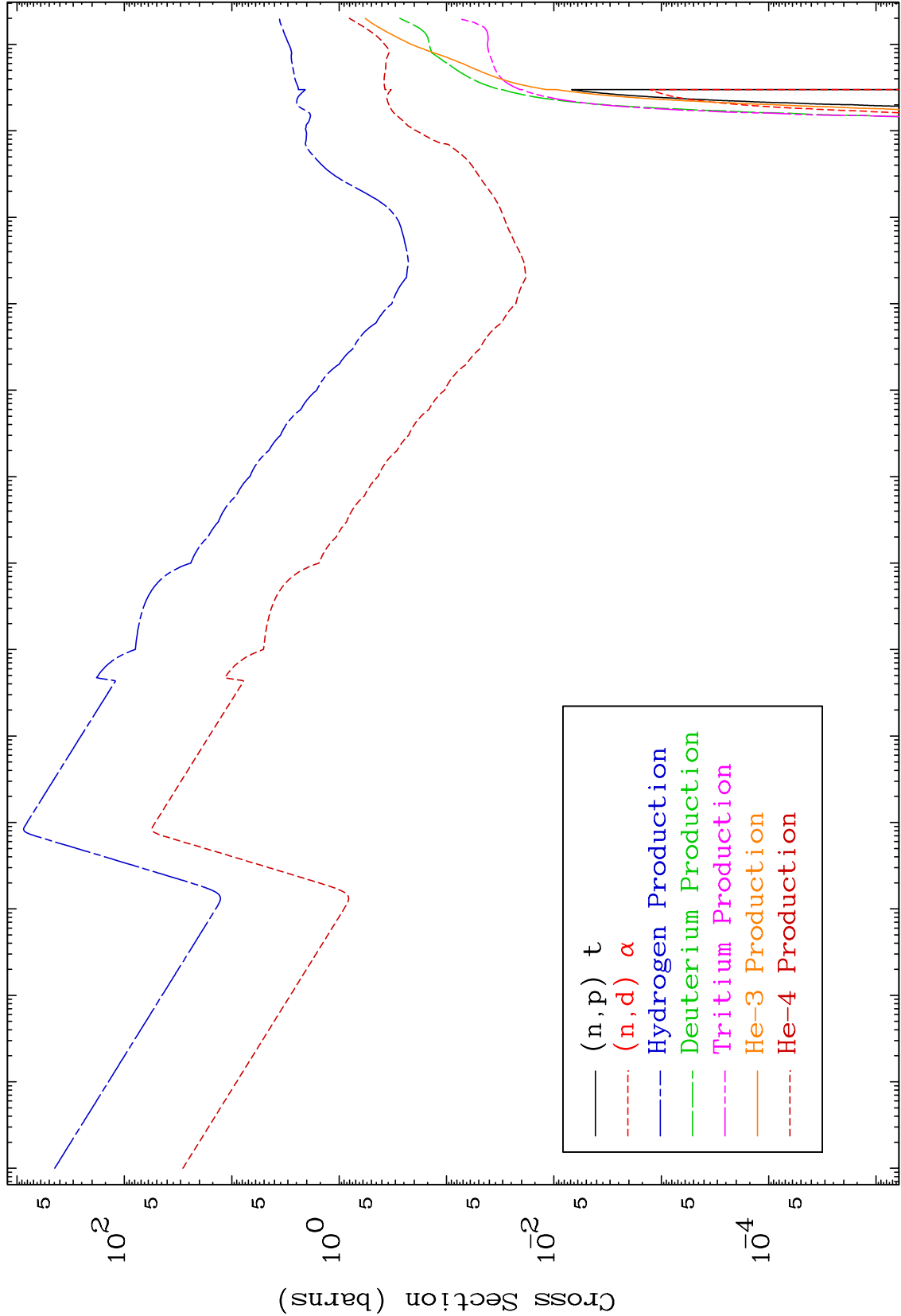
Press Mouse Button to Start

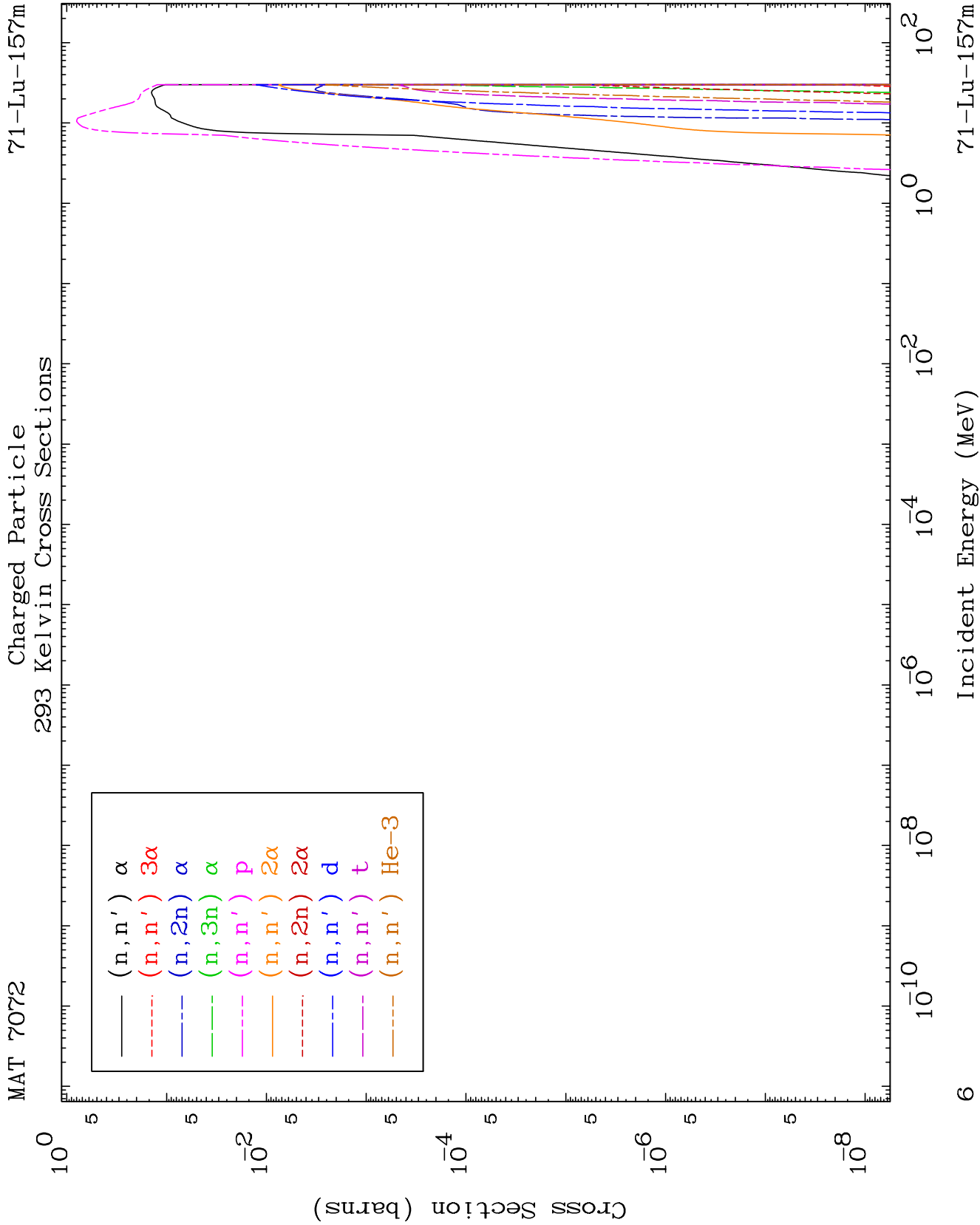


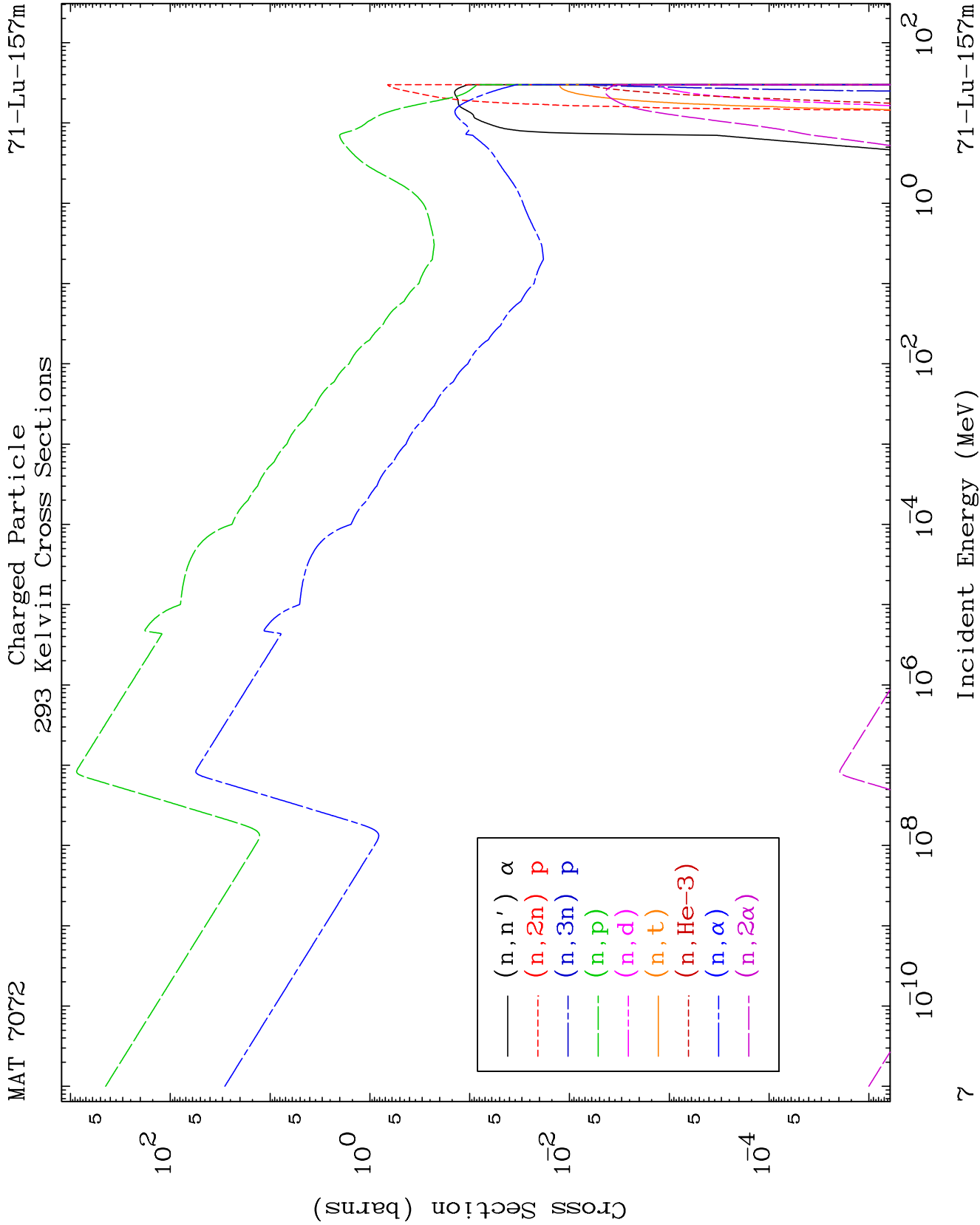


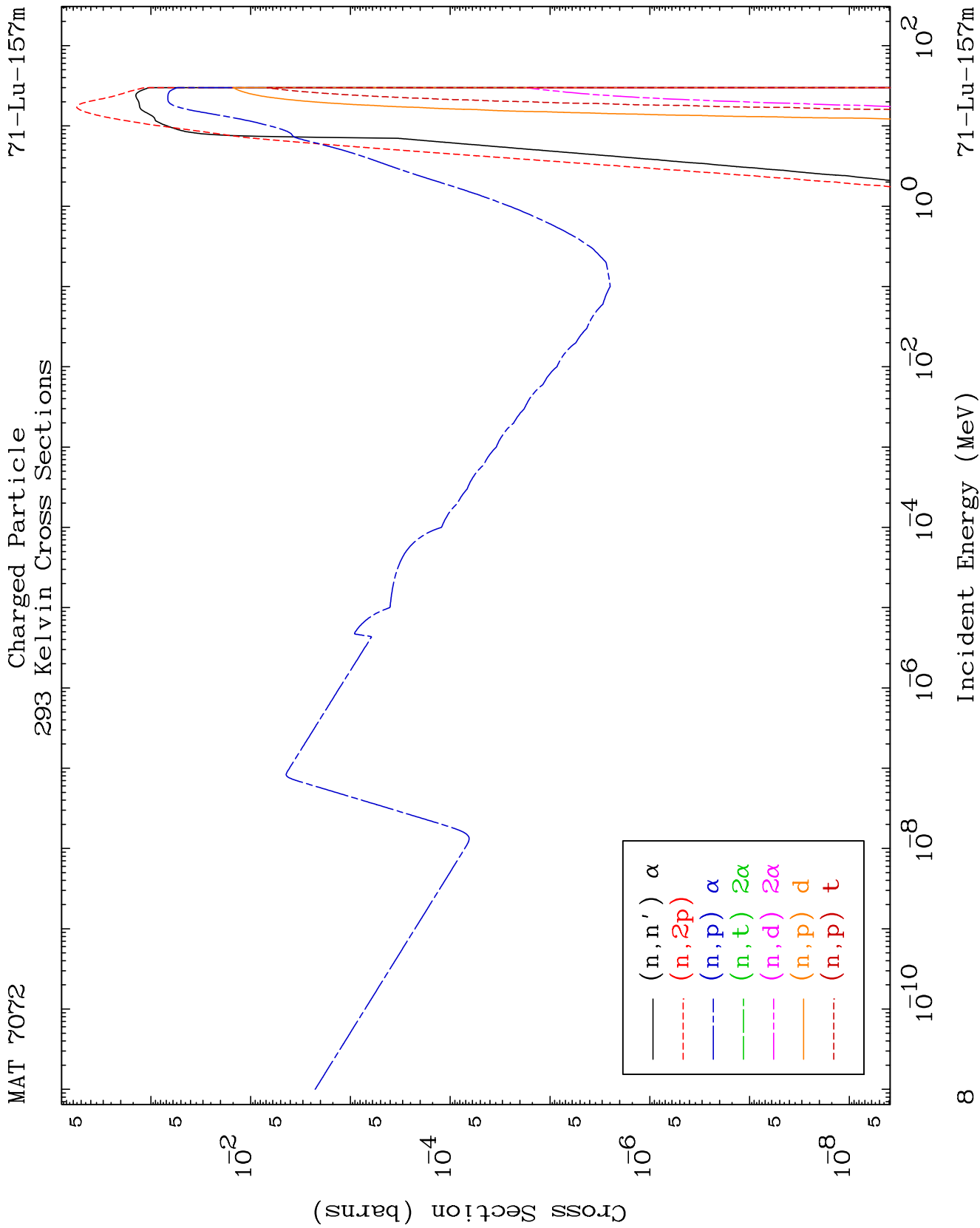


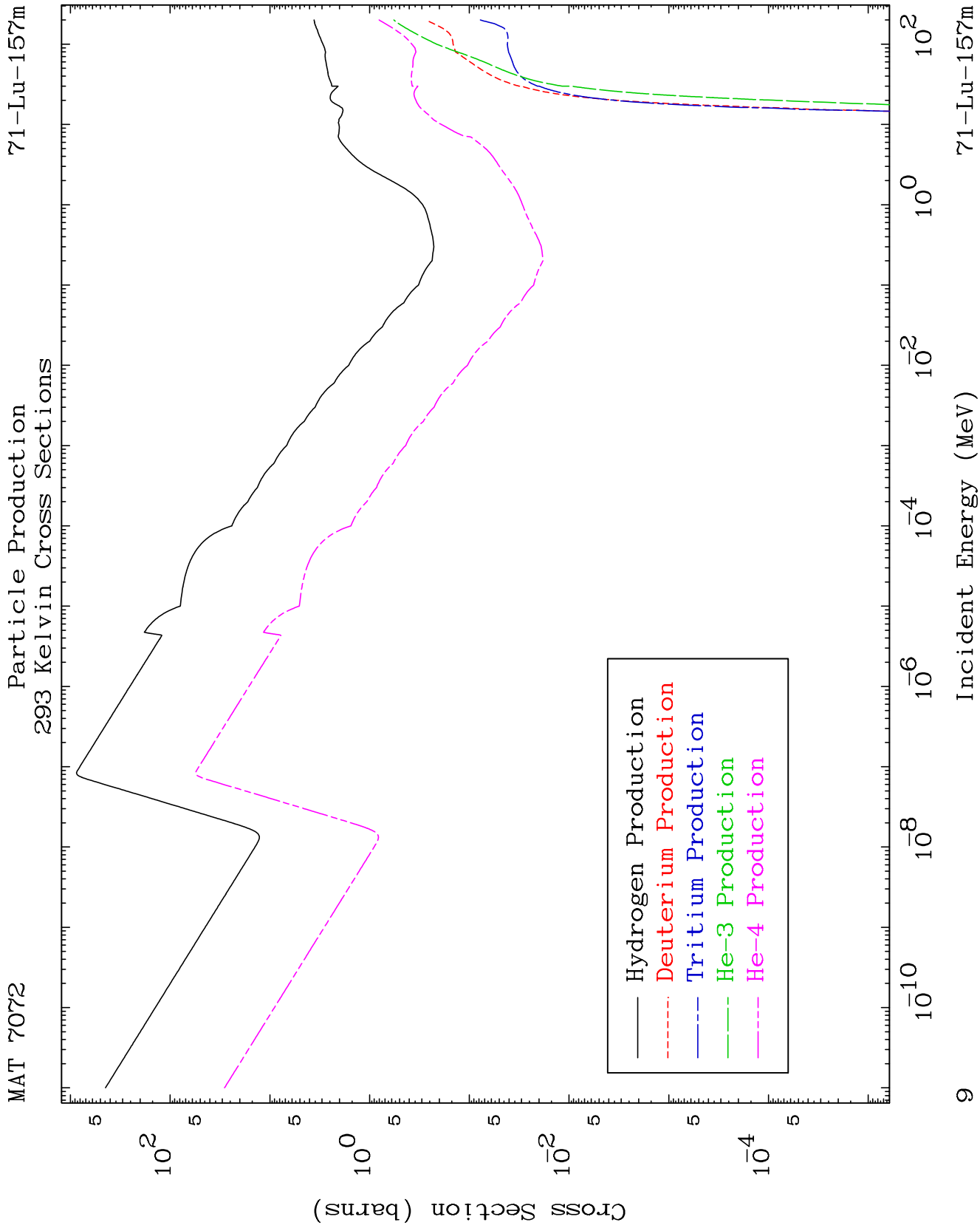


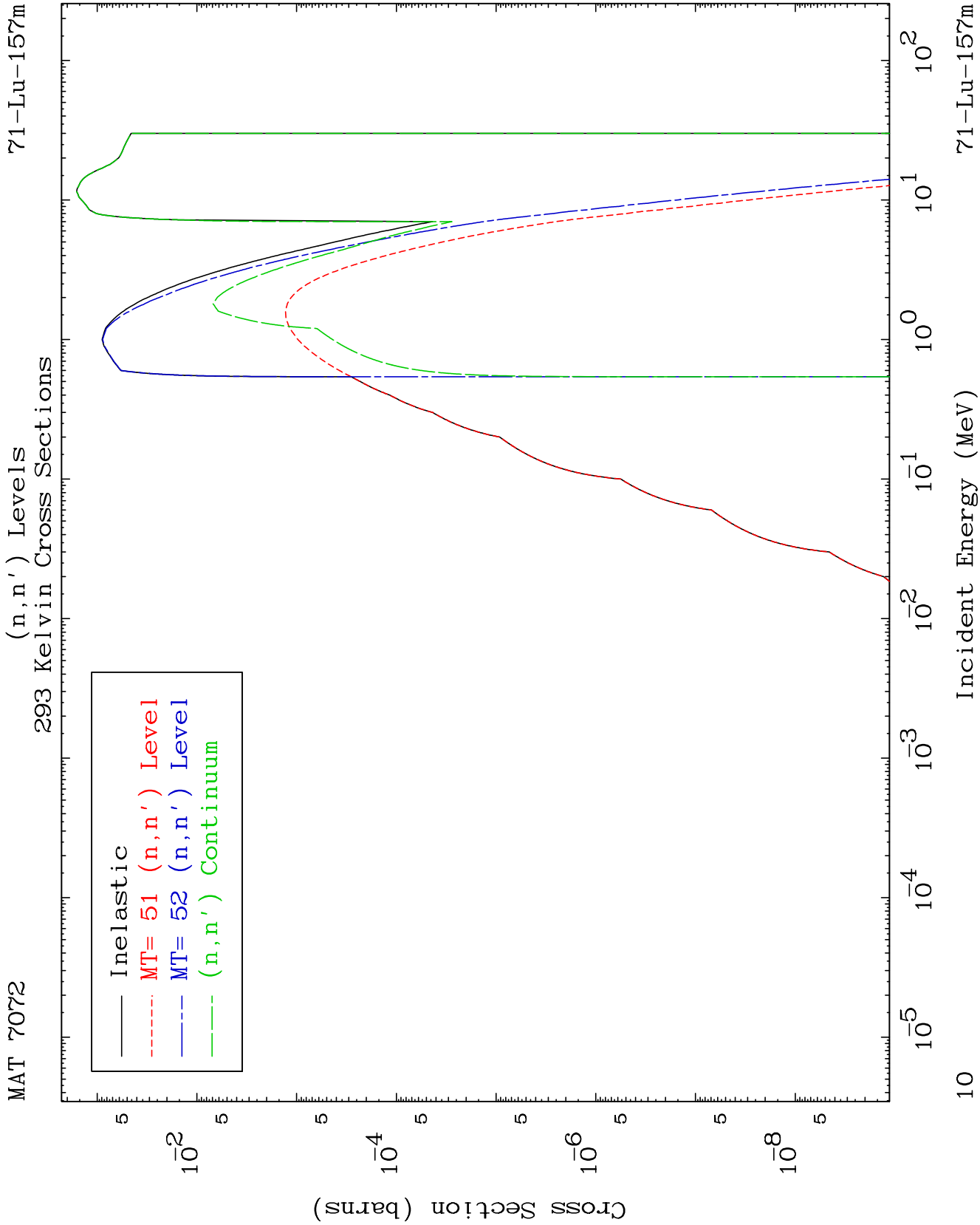


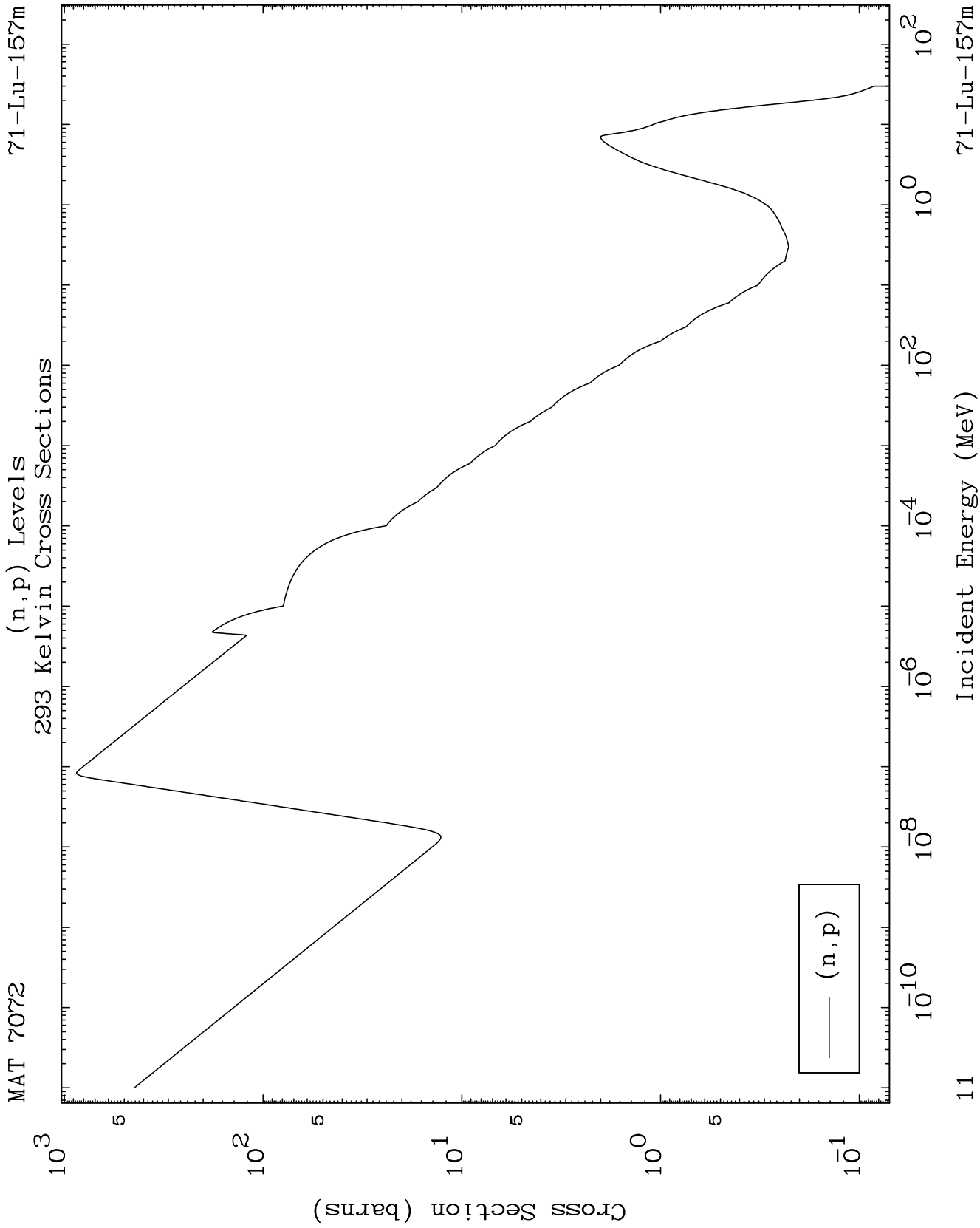








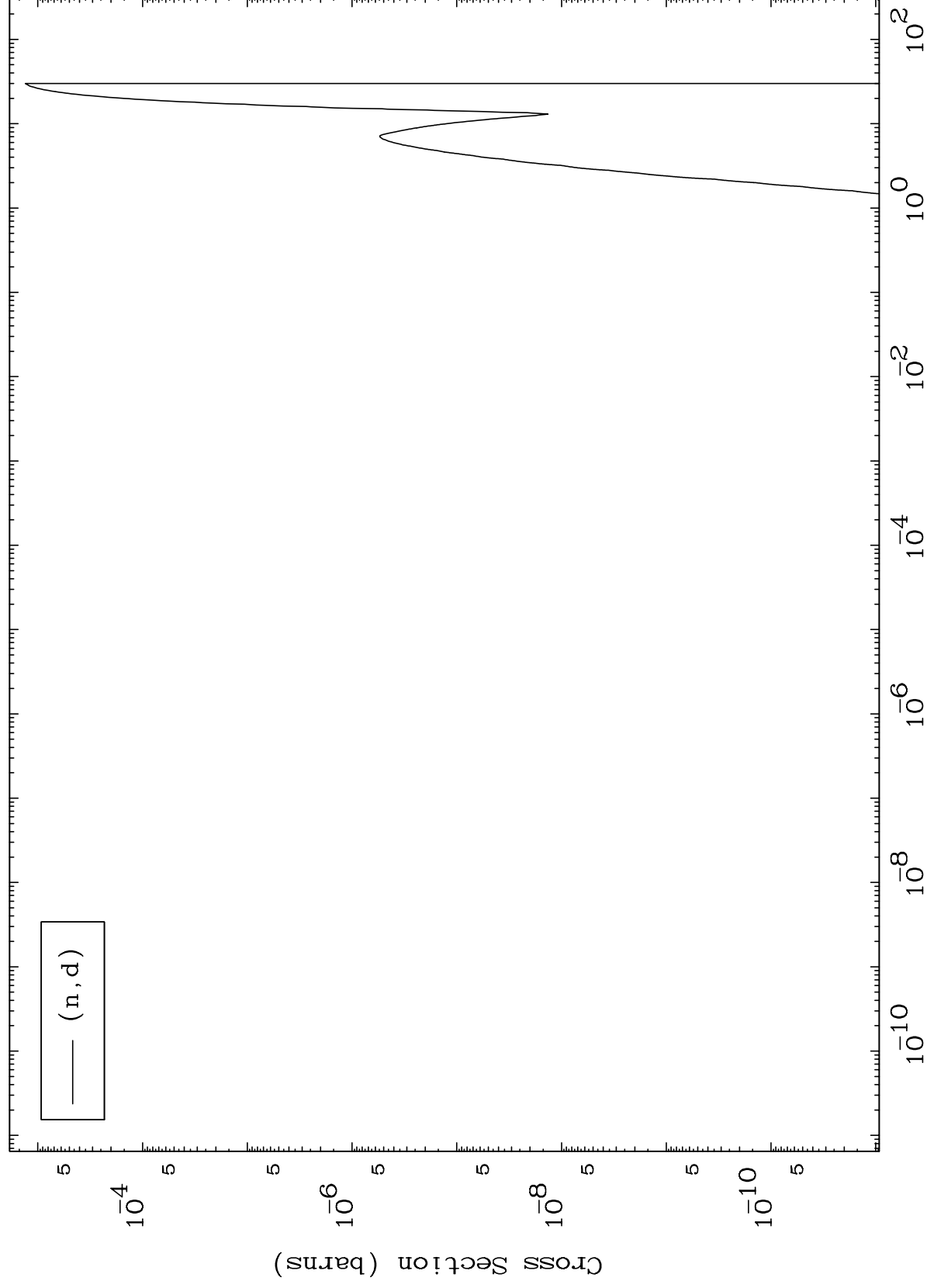




MAT 7072

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-157m



12

Incident Energy (MeV)

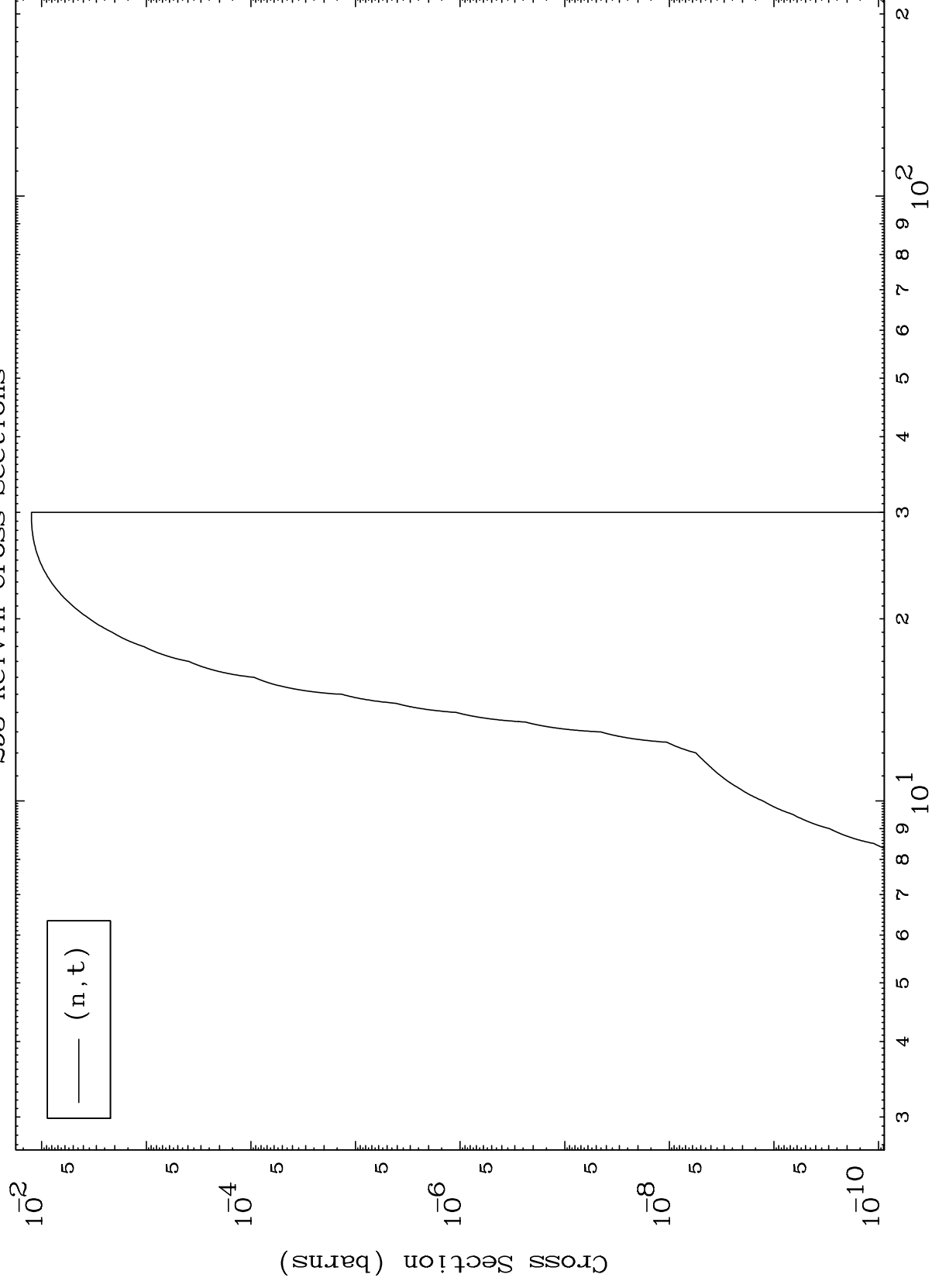
71-Lu-157m

MAT 7072

(n, t) Levels

71-Lu-157m

293 Kelvin Cross Sections



13

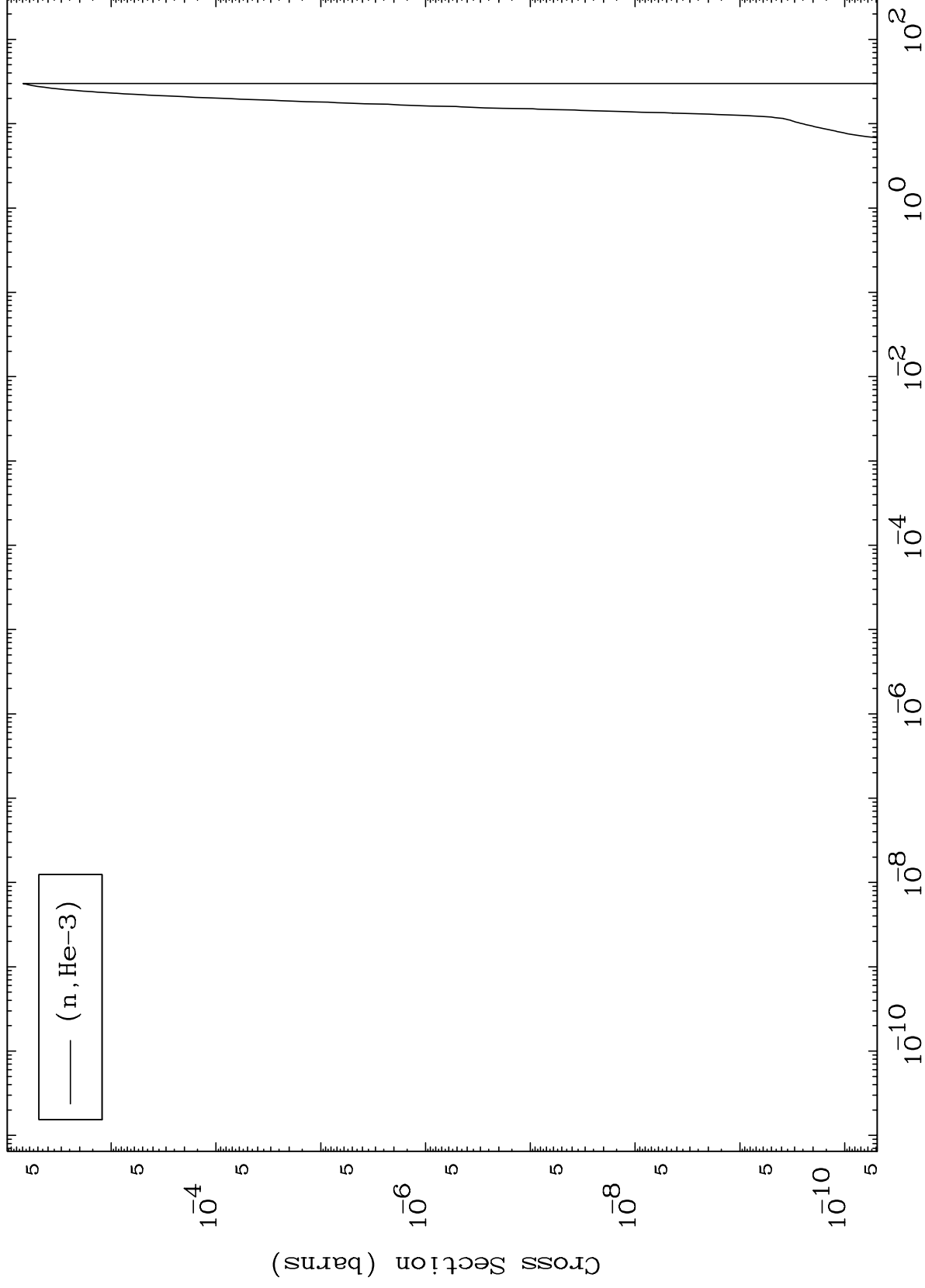
Incident Energy (MeV)

71-Lu-157m

MAT 7072

(n,He3) Levels
293 Kelvin Cross Sections

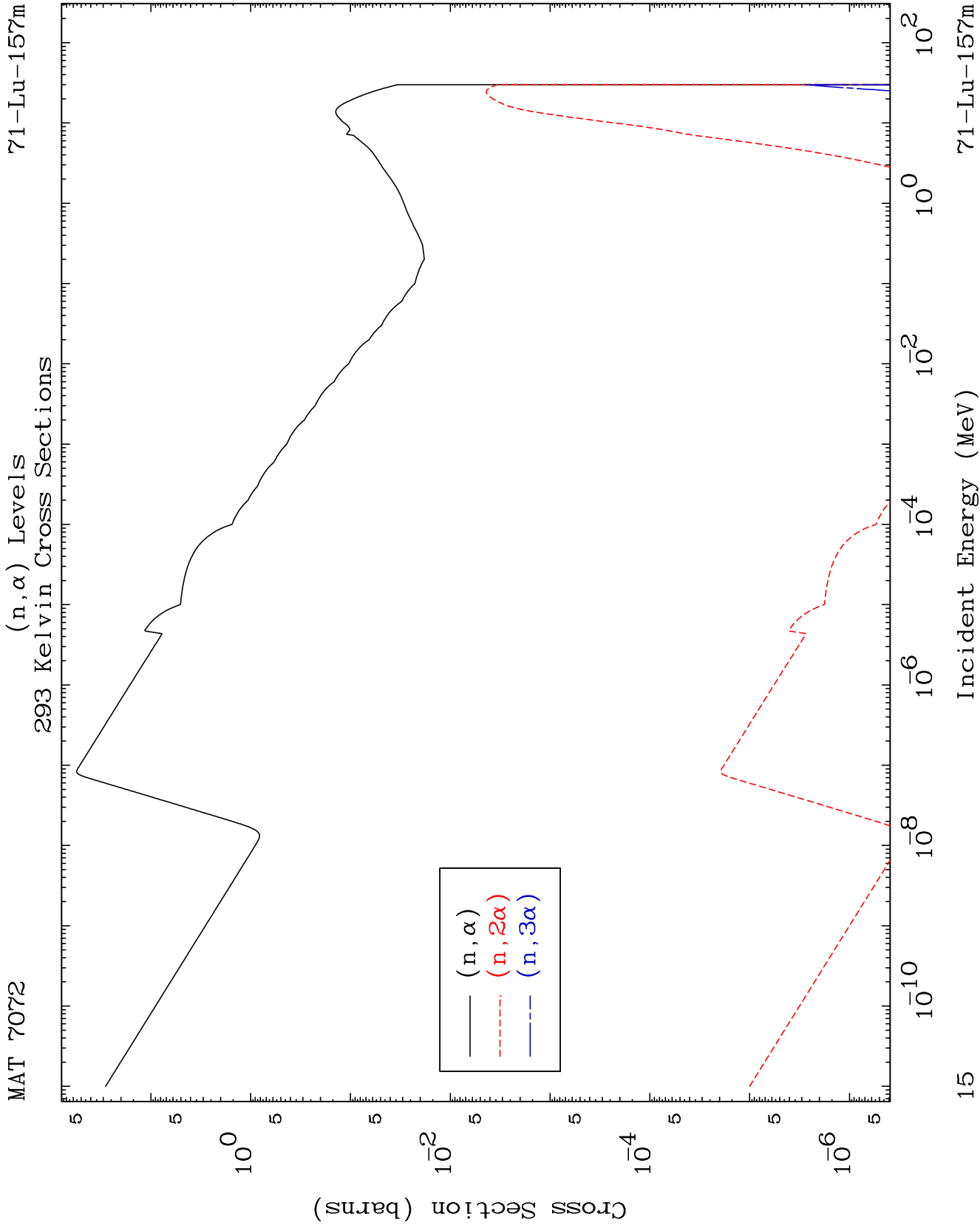
71-Lu-157m

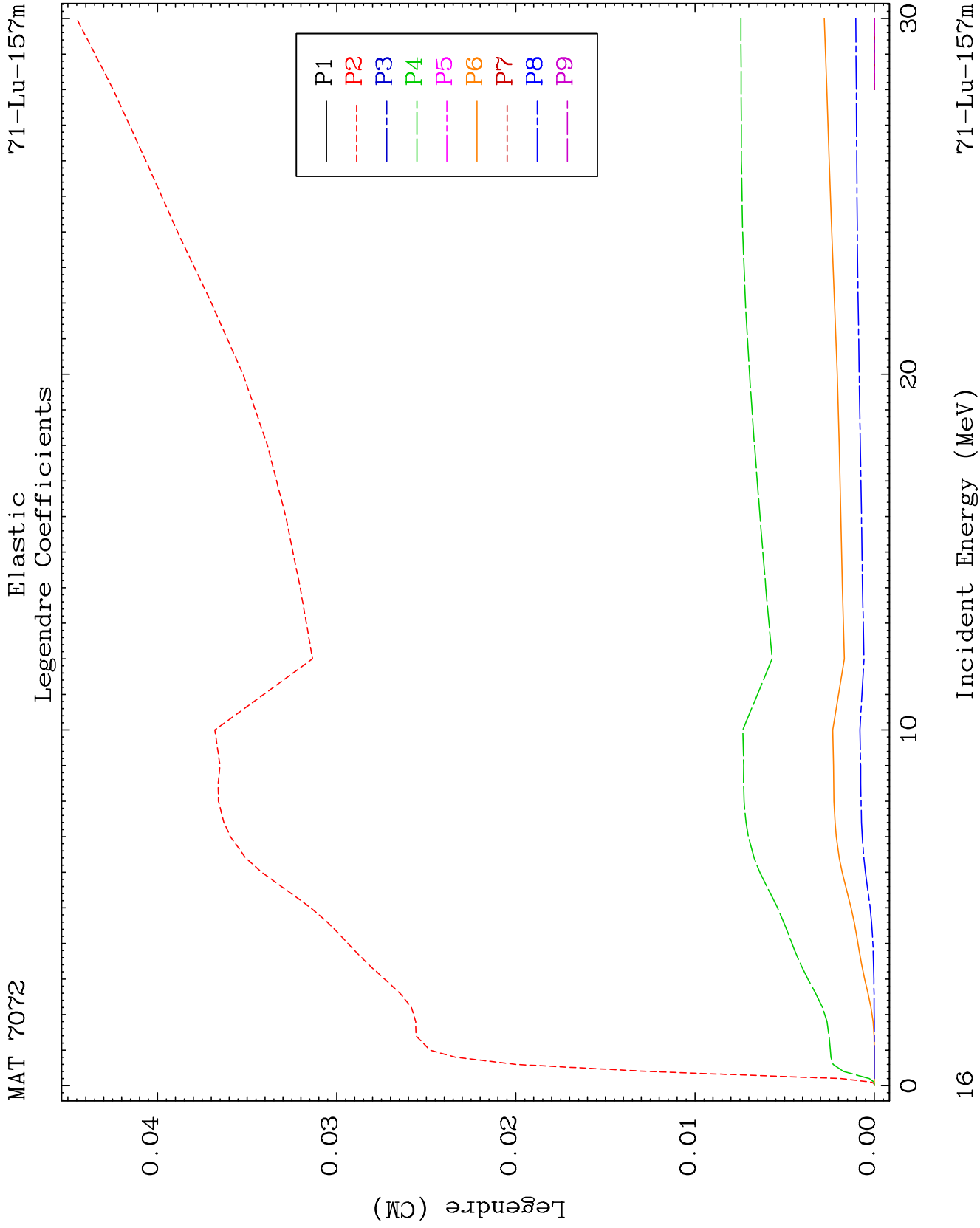


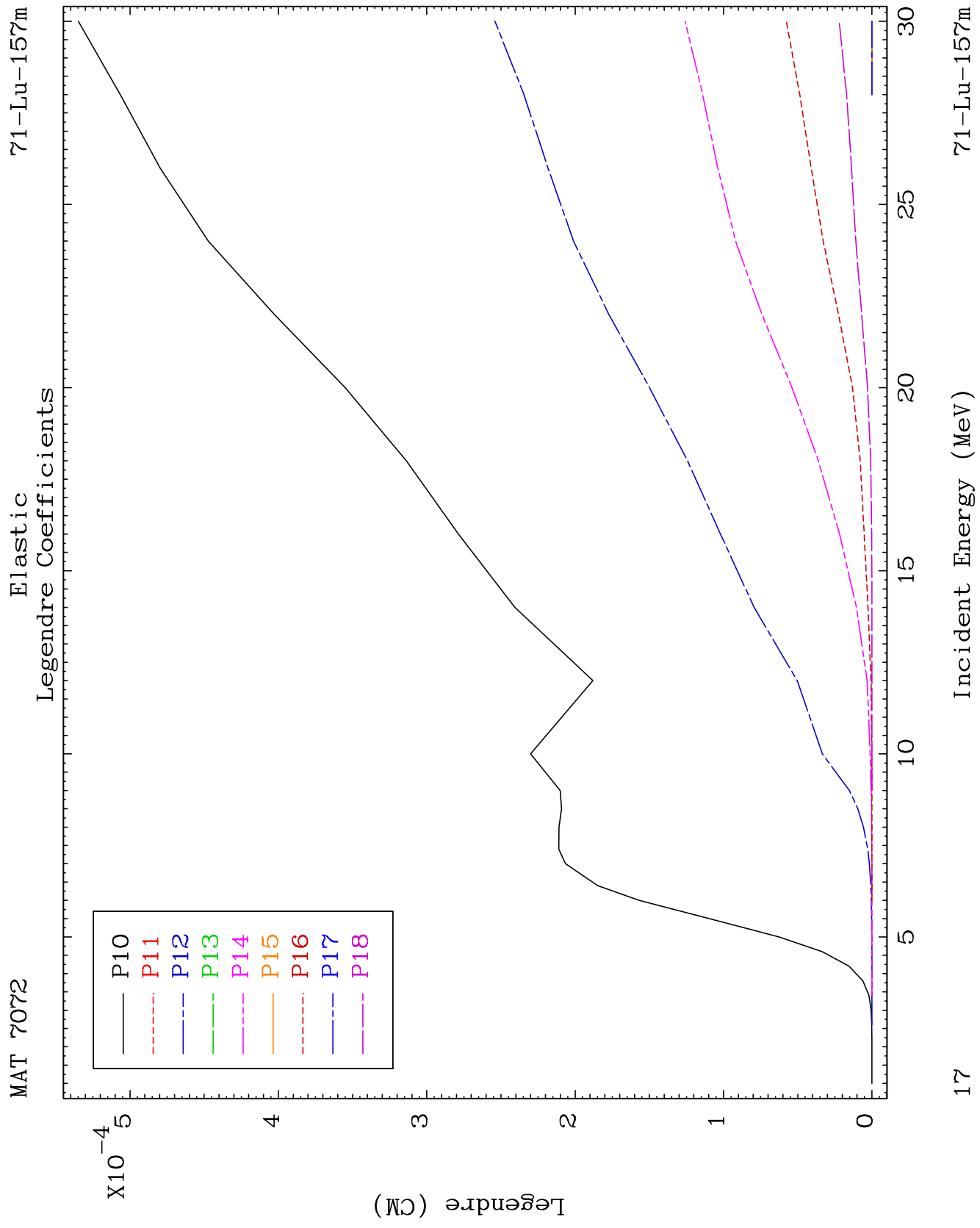
14

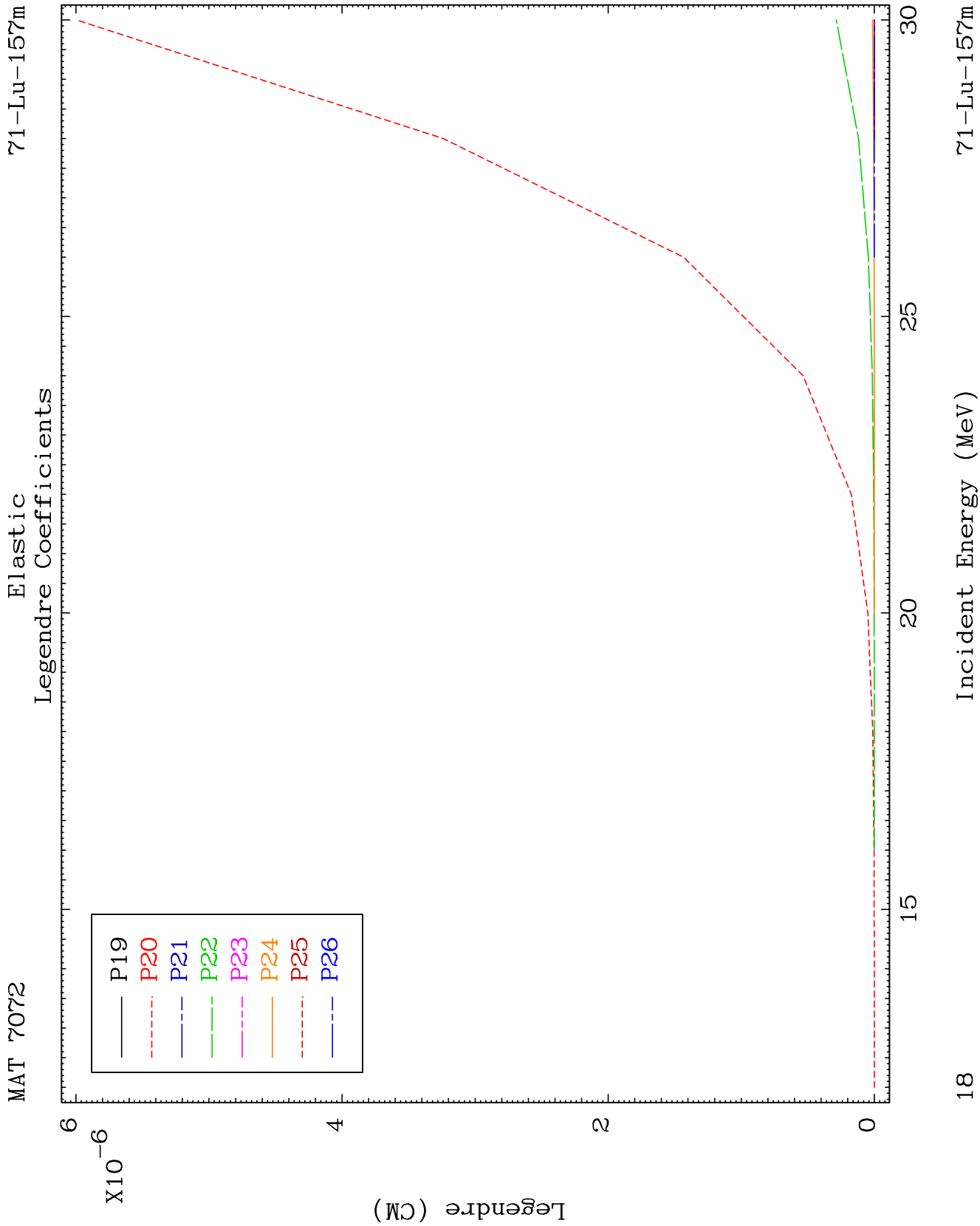
Incident Energy (MeV)

71-Lu-157m





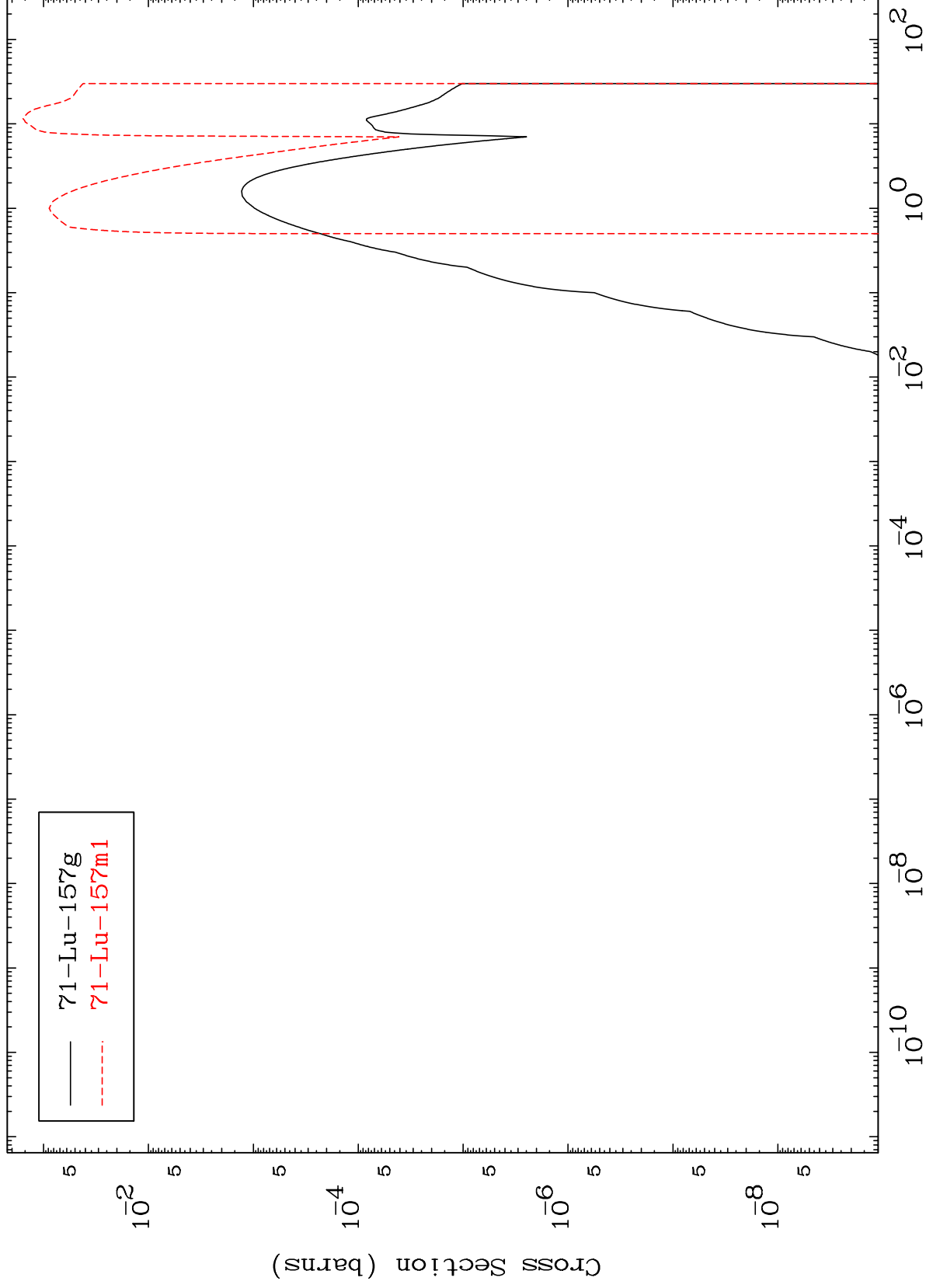




MAT 7072

Inelastic
Radionuclide Production Cross Section

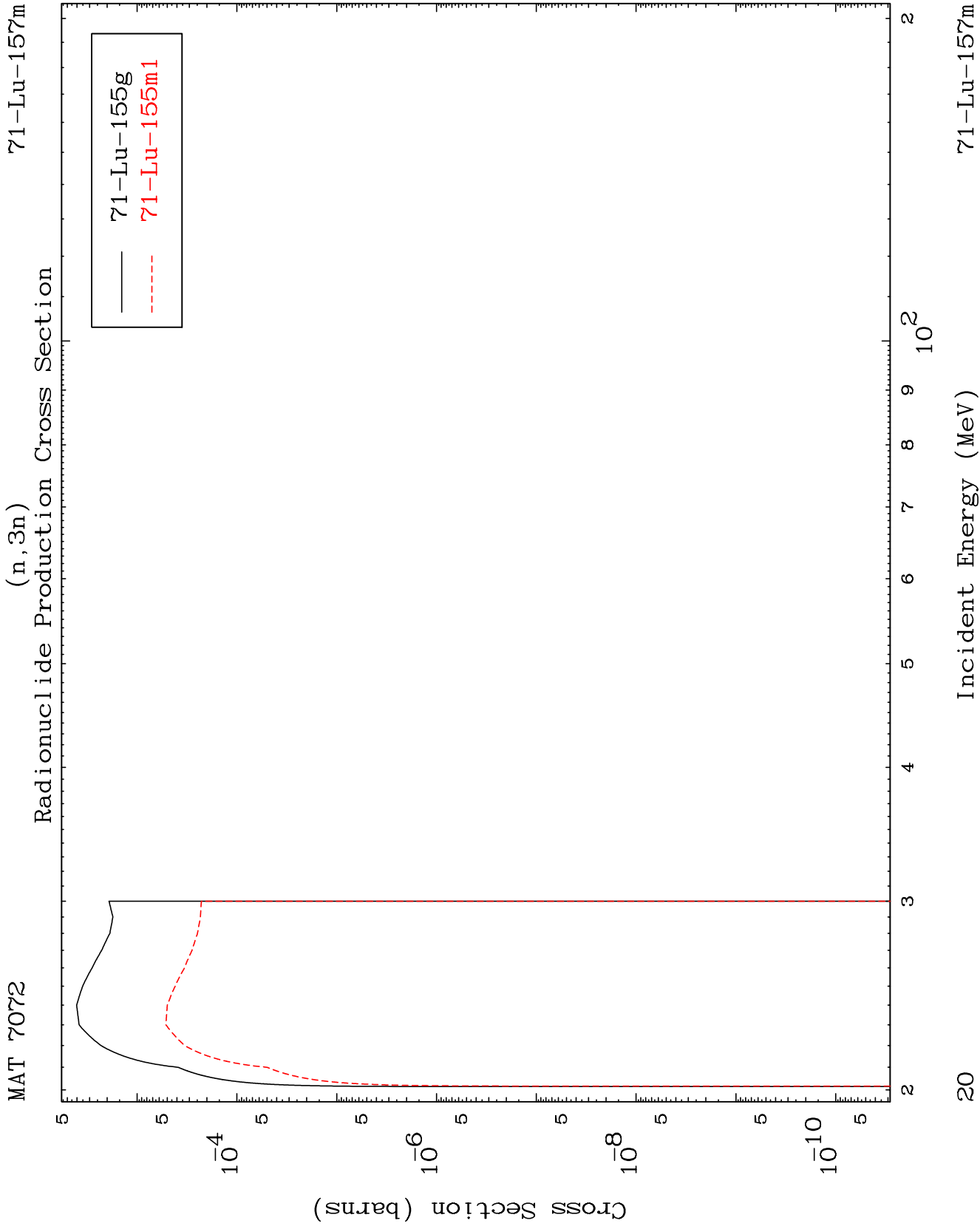
71-Lu-157m



19

Incident Energy (MeV)

71-Lu-157m

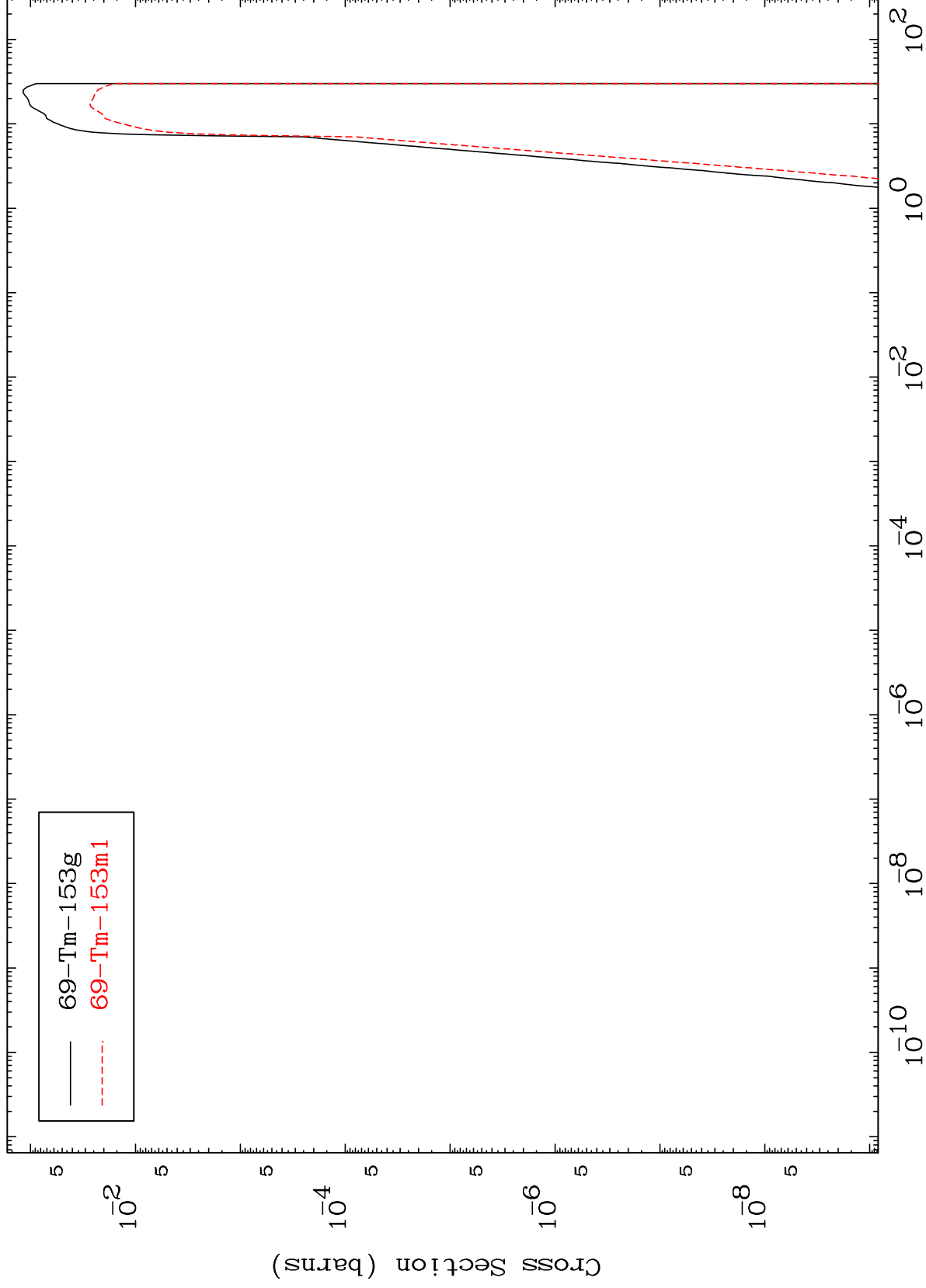


MAT 7072

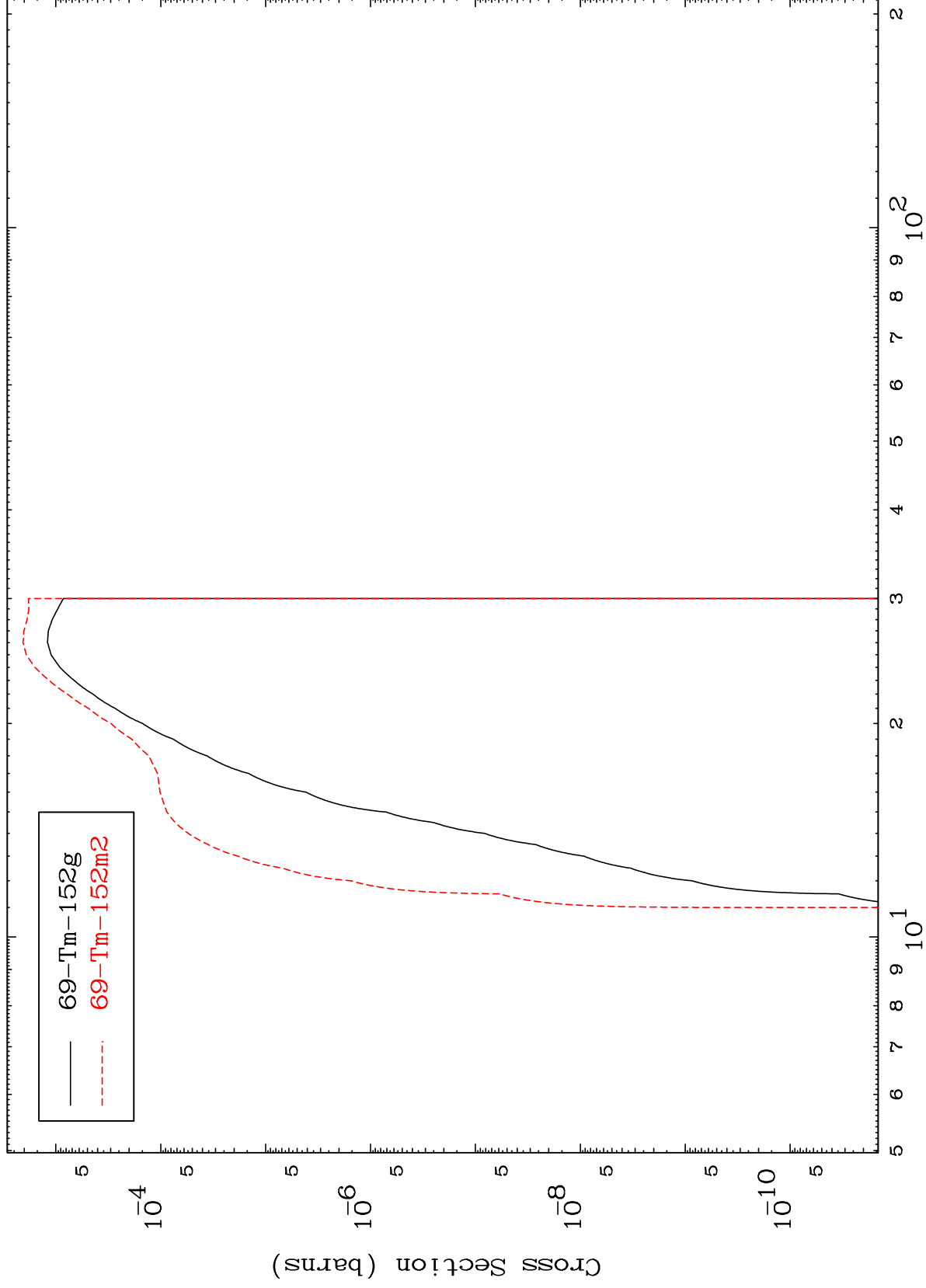
$(n,n') \alpha$

71-Lu-157m

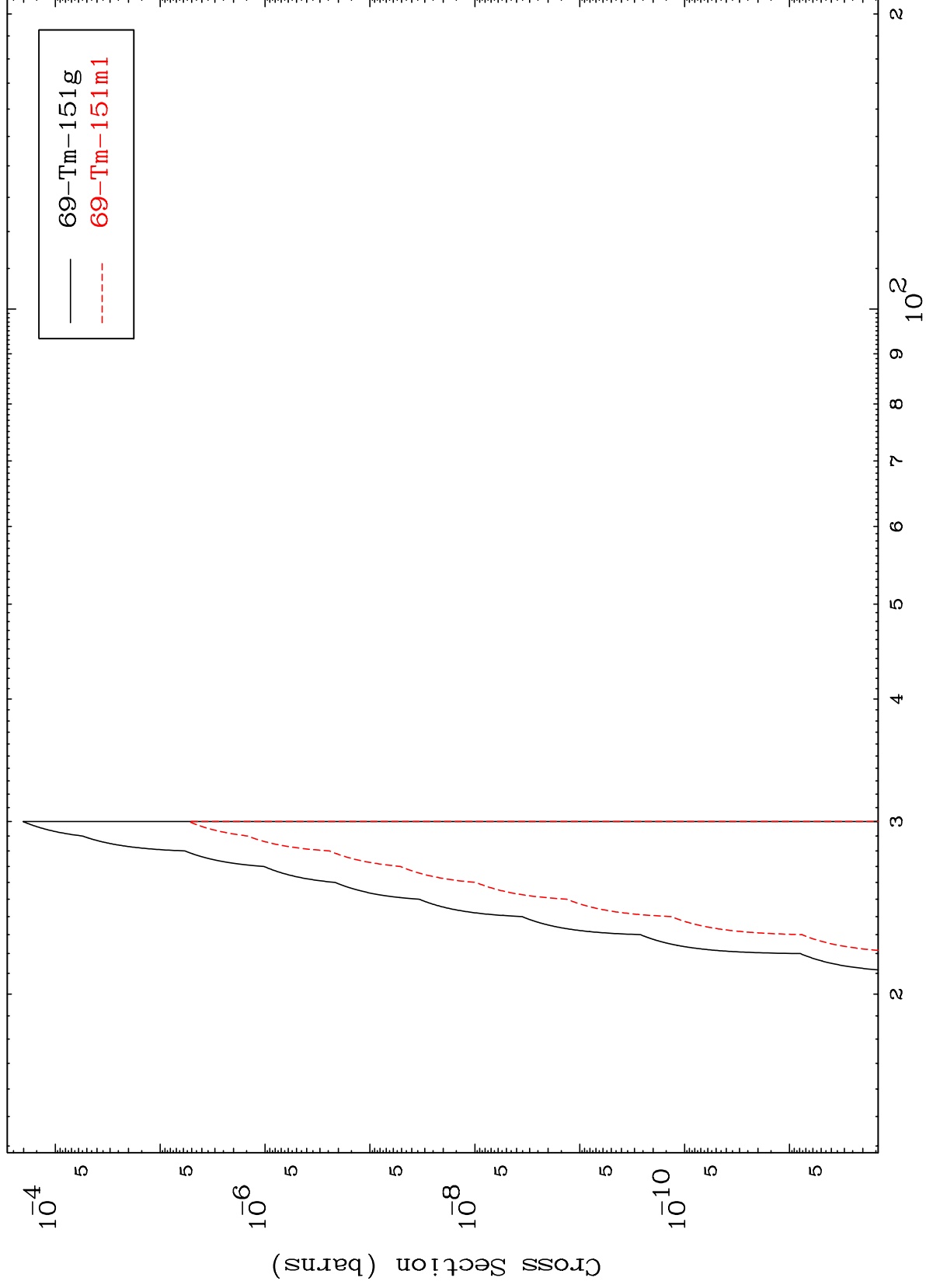
Radionuclide Production Cross Section



Radionuclide Production Cross Section



(n,3n) α
Radionuclide Production Cross Section

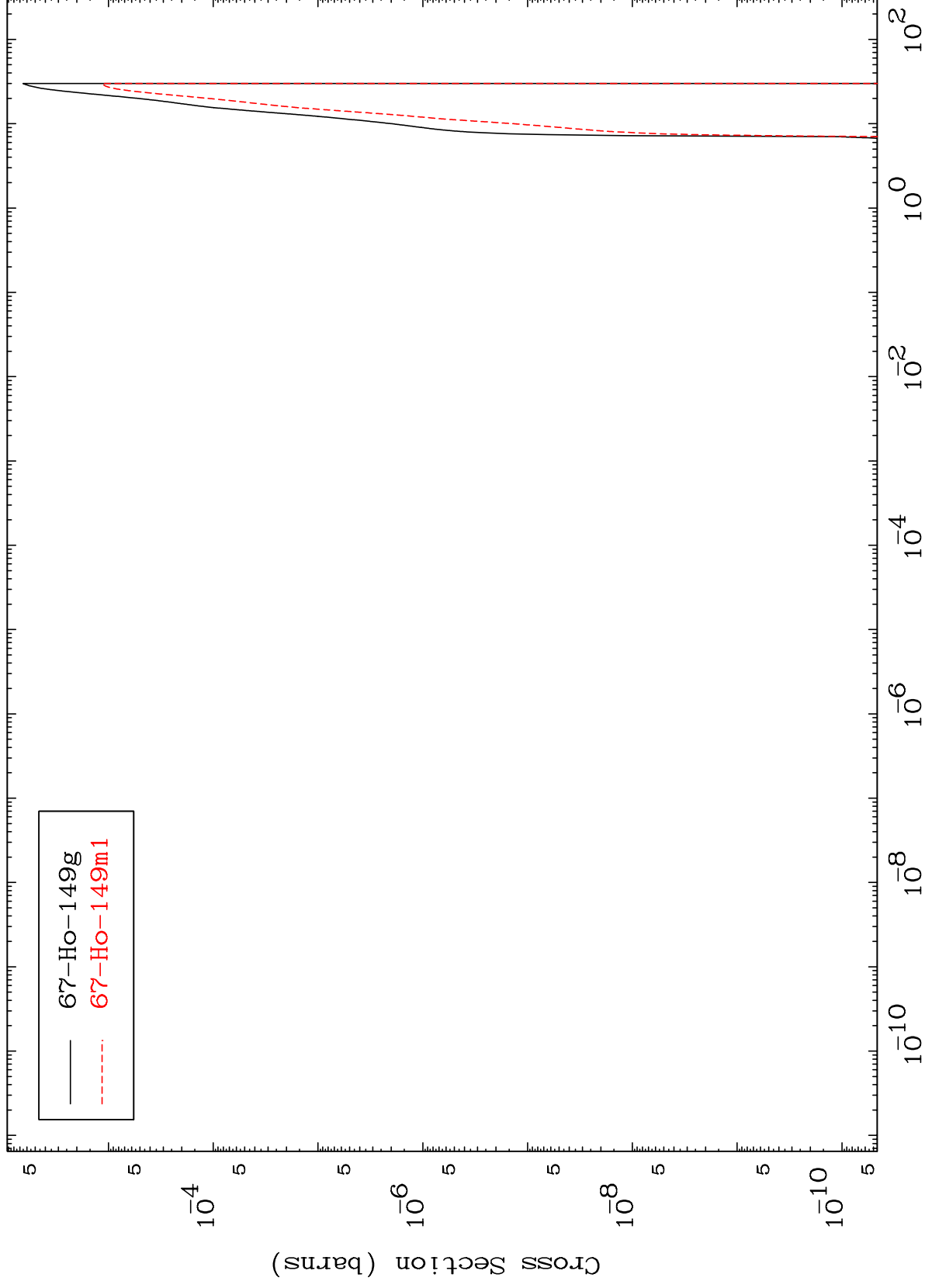


MAT 7072

(n,n') 2 α

⁷¹Lu-157m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

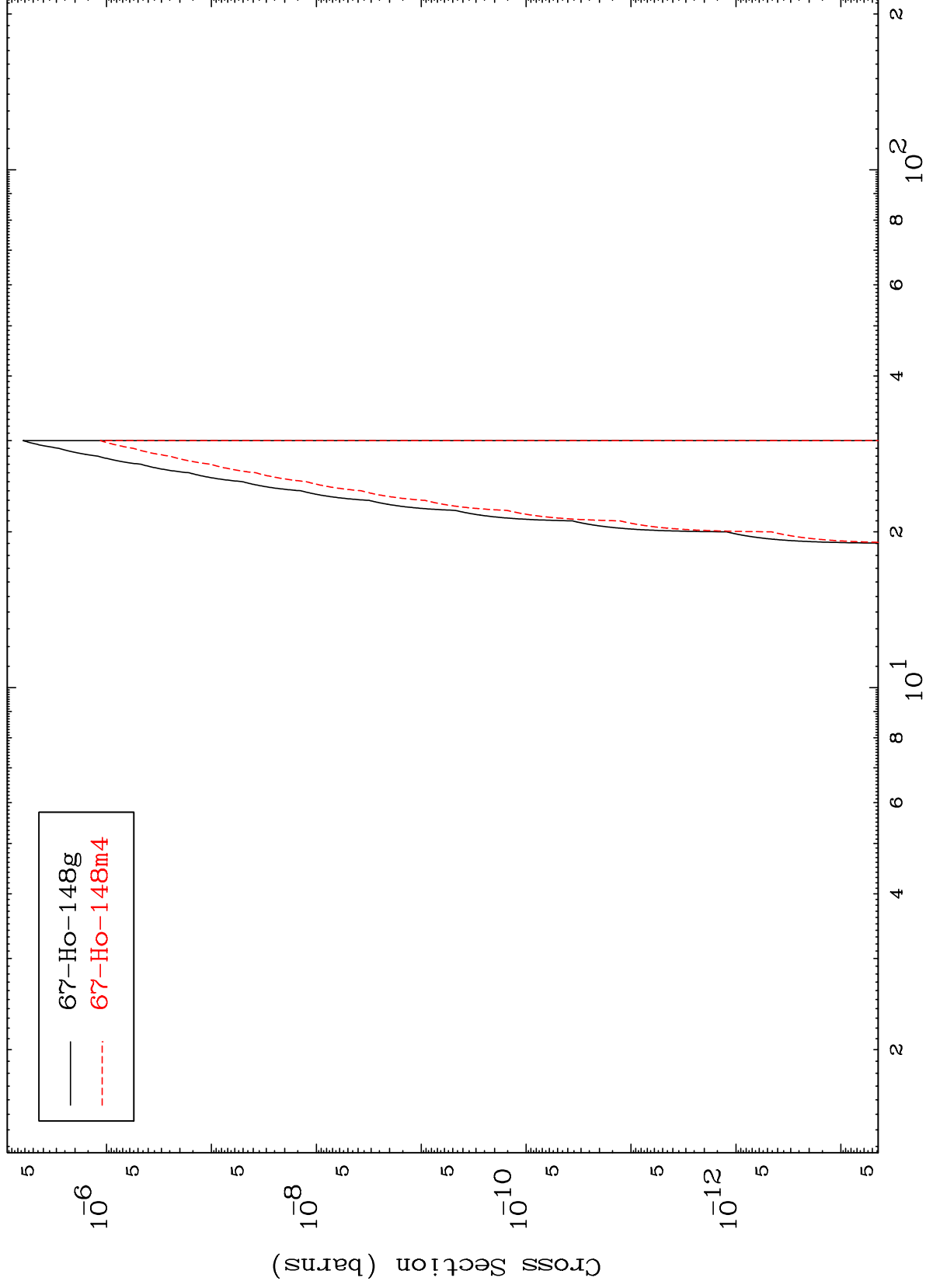
⁷¹Lu-157m

MAT 7072

(n,2n) 2α

71-Lu-157m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

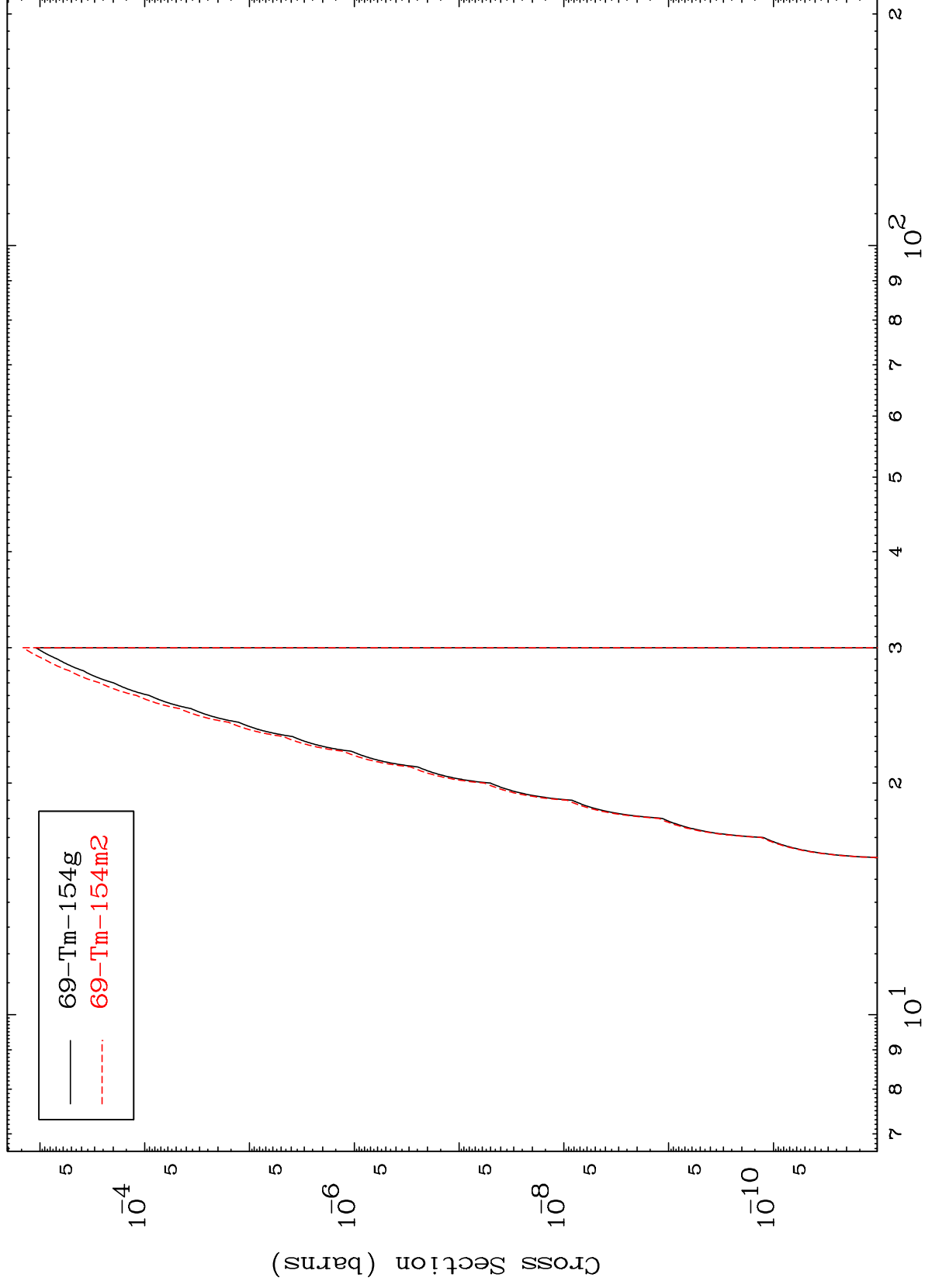
71-Lu-157m

MAT 7072

(n,n') He-3

71-Lu-157m

Radionuclide Production Cross Section



26

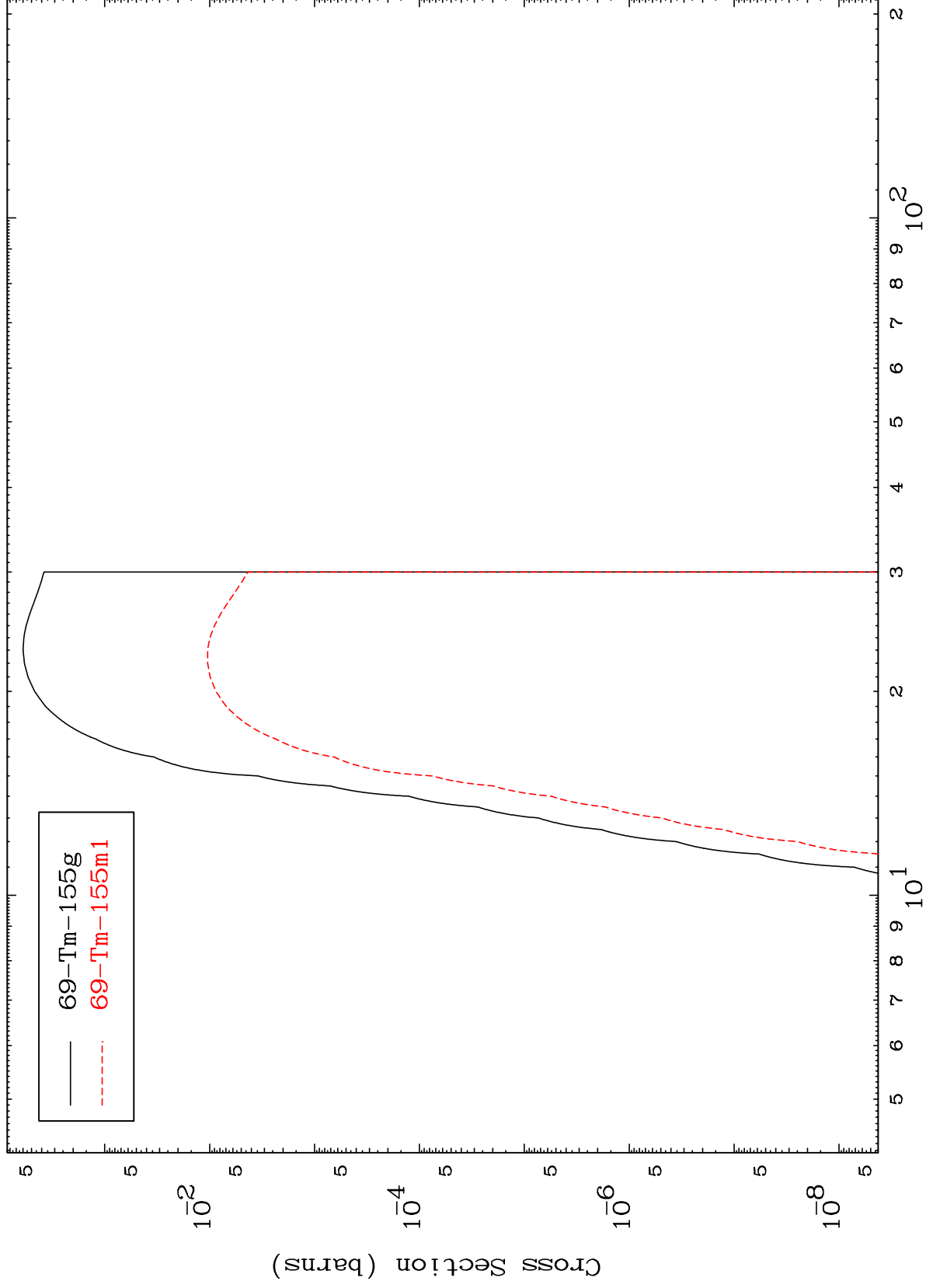
Incident Energy (MeV)

71-Lu-157m

MAT 7072

71-Lu-157m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

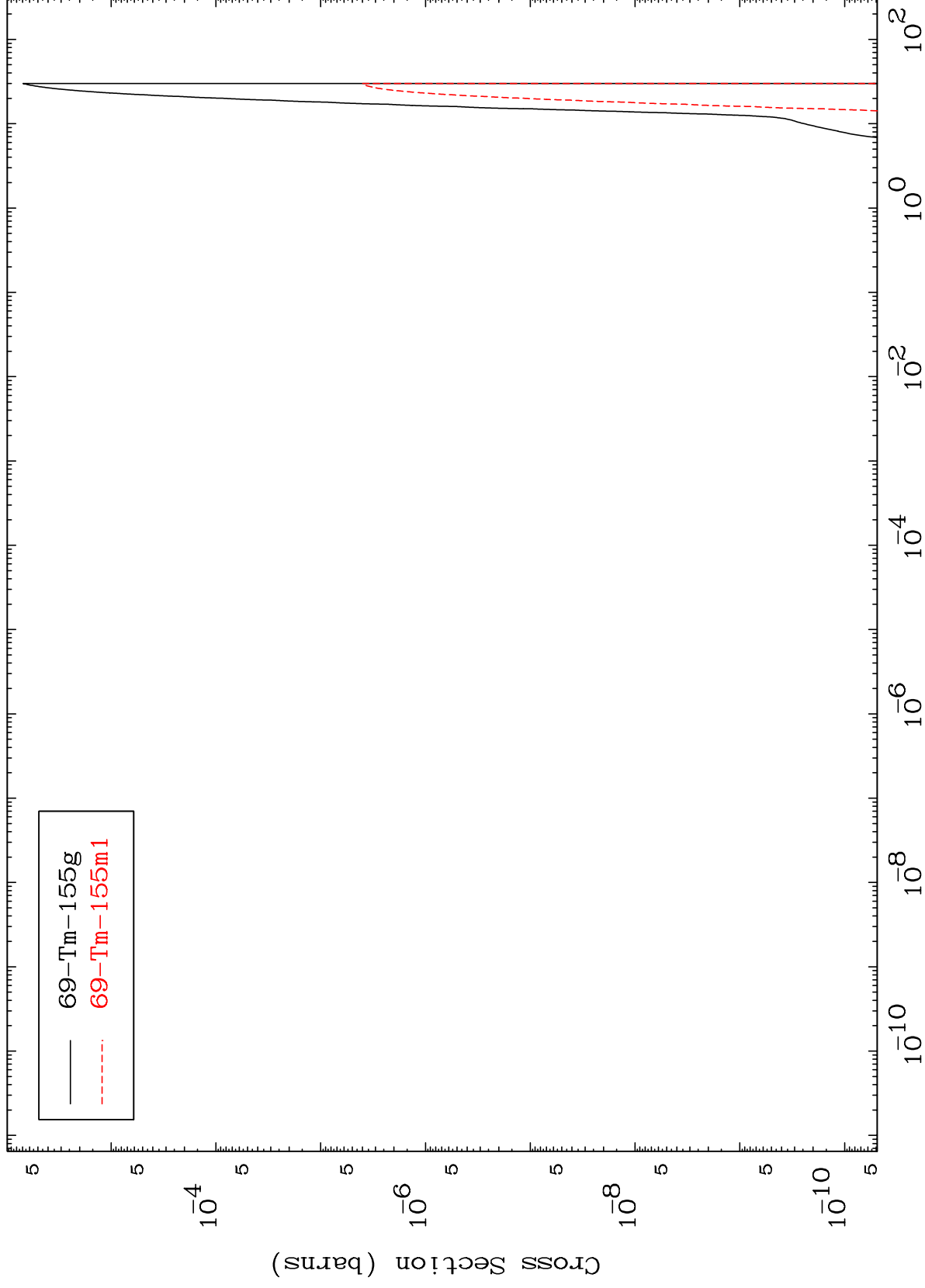
71-Lu-157m

MAT 7072

(n,He-3)

⁷¹Lu-157m

Radionuclide Production Cross Section

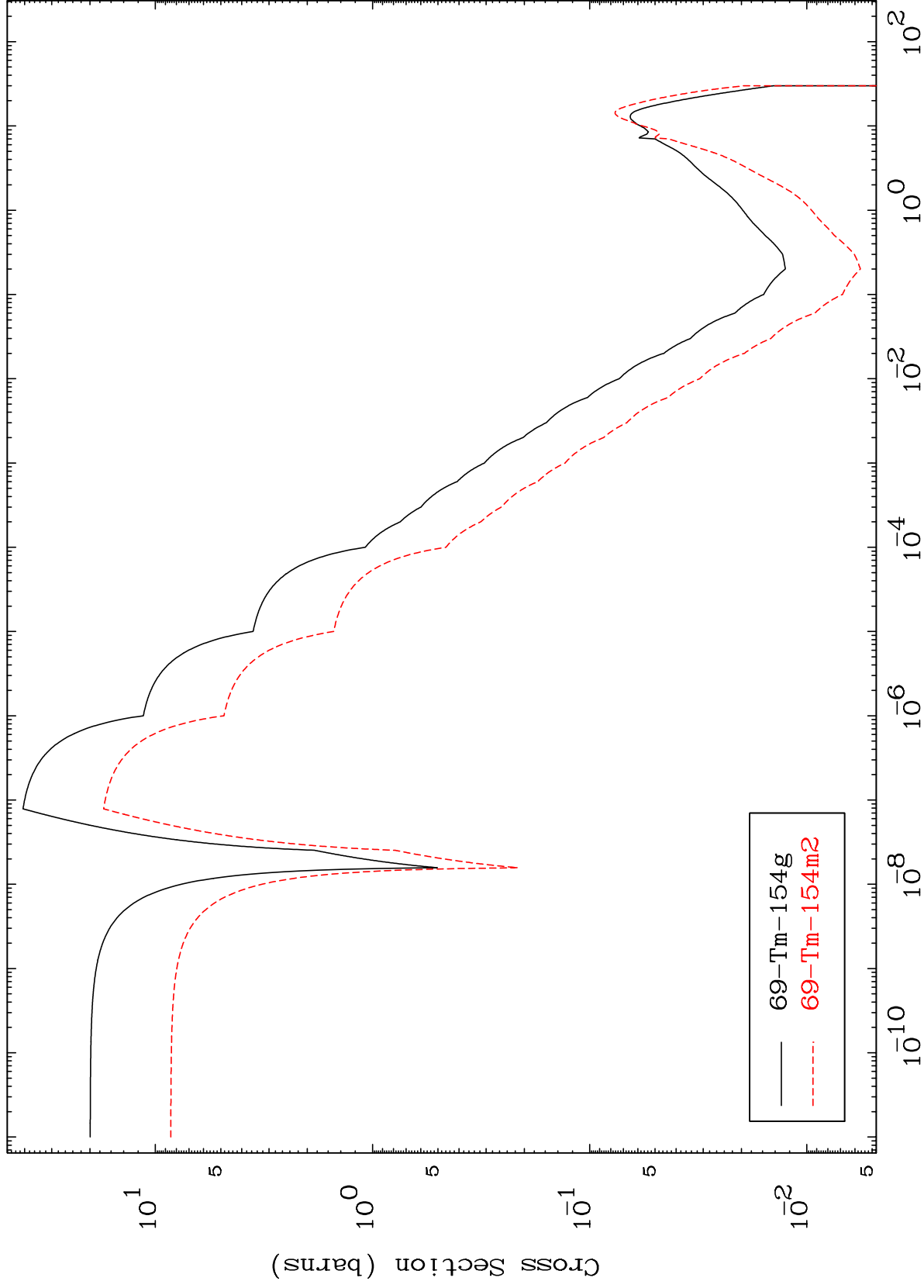


28

Incident Energy (MeV)

⁷¹Lu-157m

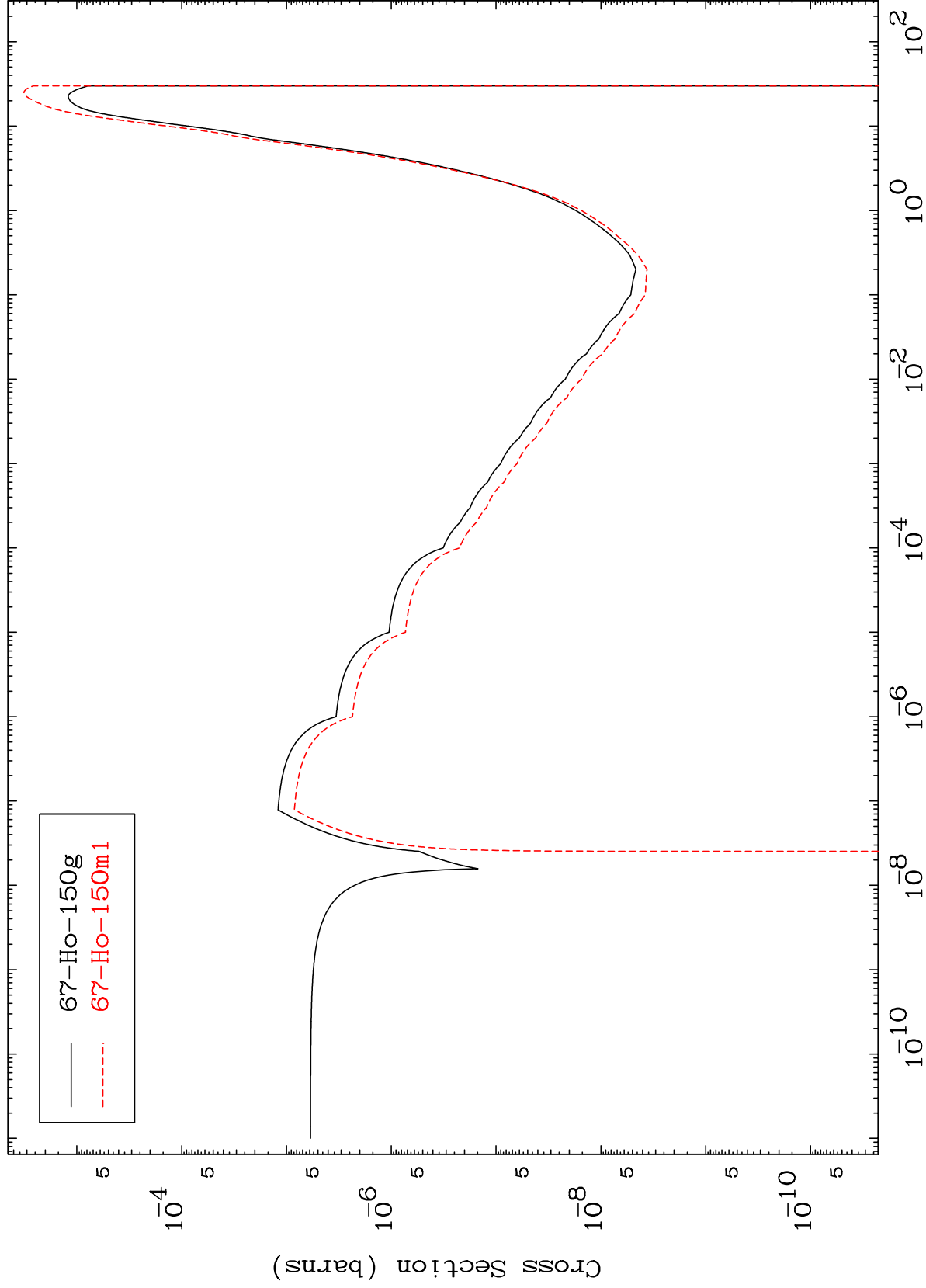
Radionuclide Production Cross Section



MAT 7072

71-Lu-157m

(n,2α)
Radionuclide Production Cross Section



30

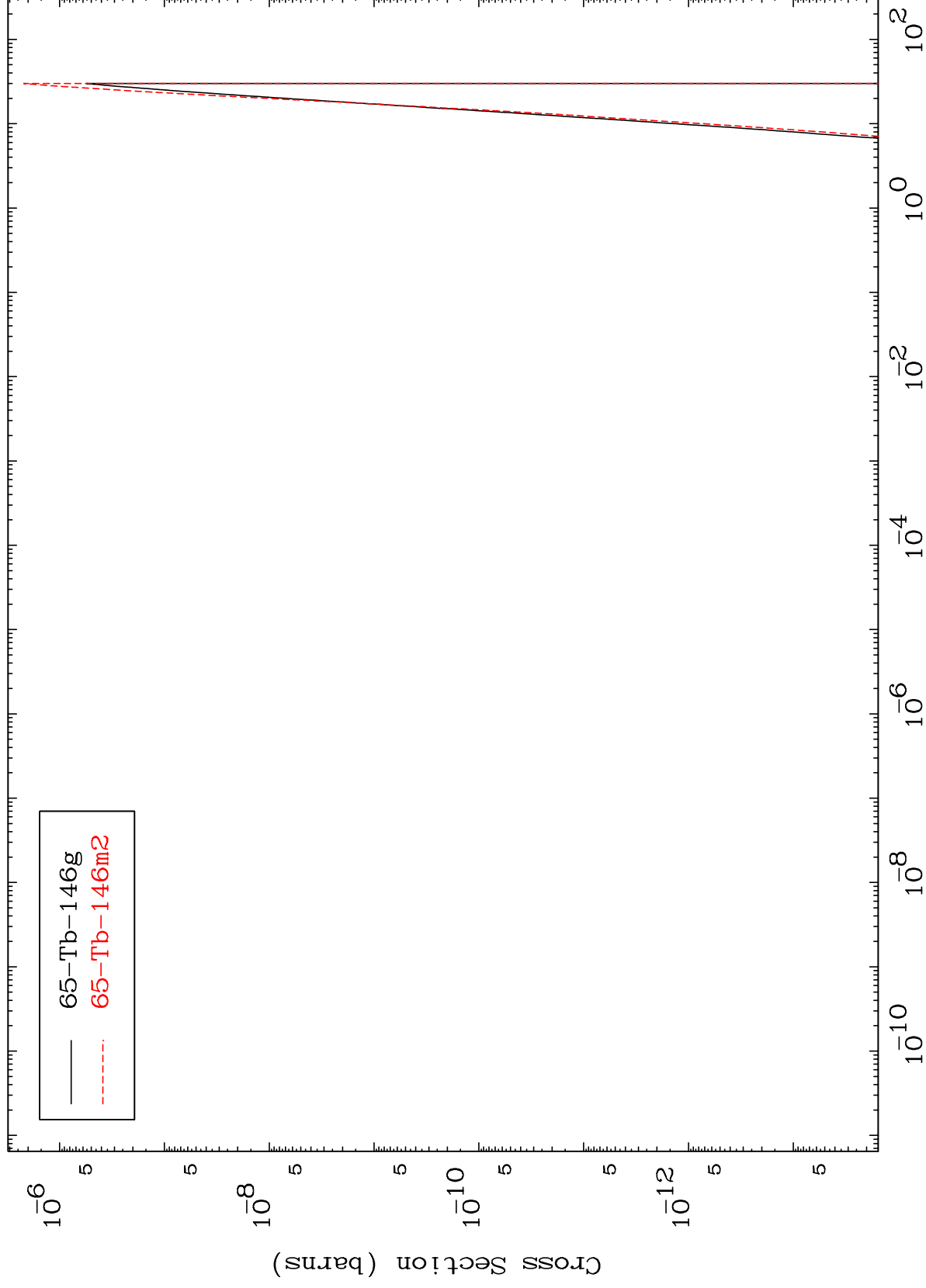
71-Lu-157m

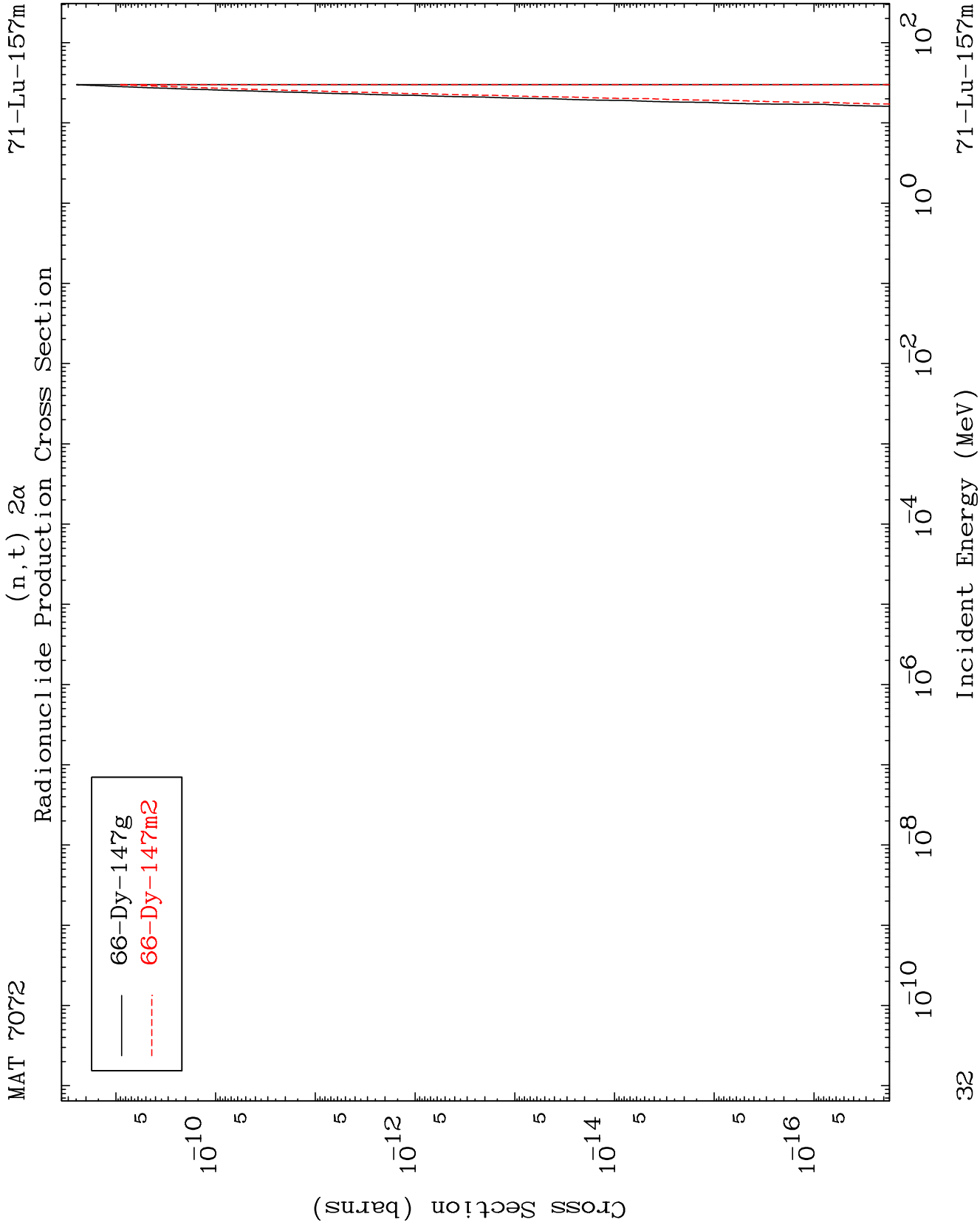
MAT 7072

(n,3α)

⁷¹Lu-157m

Radionuclide Production Cross Section





(n,p) d
Radionuclide Production Cross Section

