

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

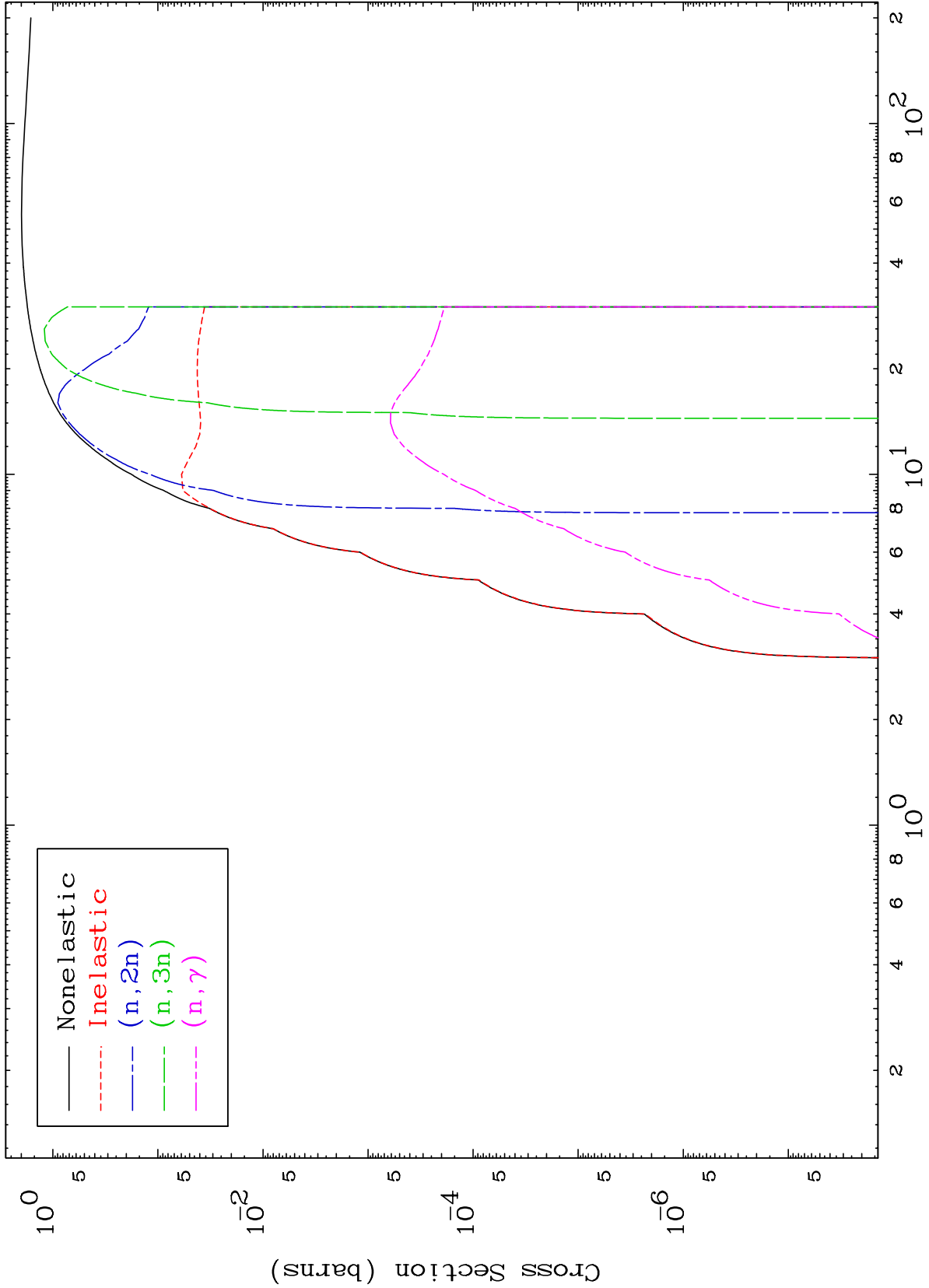
Press Mouse Button to Start

MAT 7847

Proton Major

78-Pt-197m

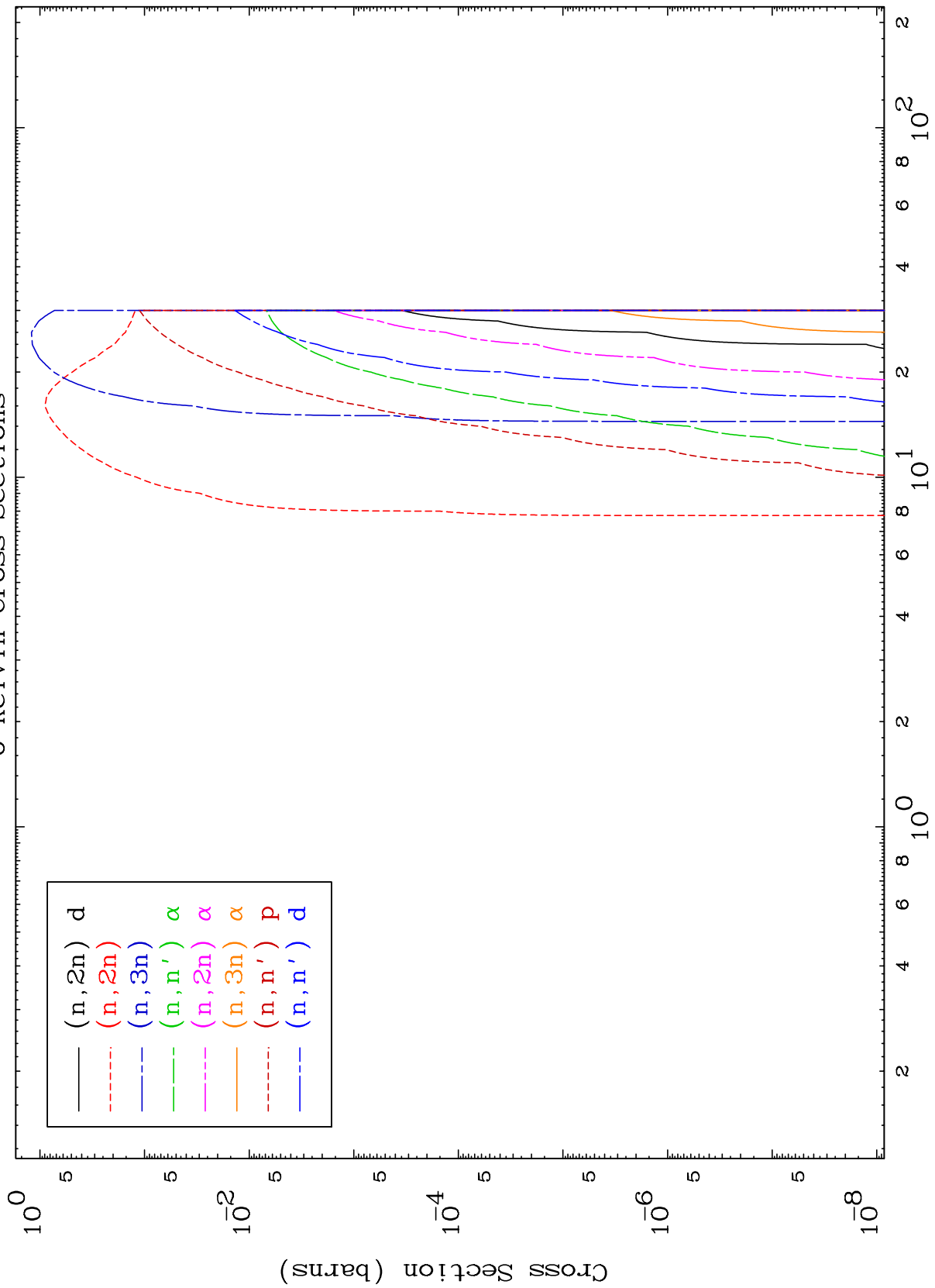
0 Kelvin Cross Sections



MAT 7847

Proton Neutron Absorption
0 Kelvin Cross Sections

78-Pt-197m



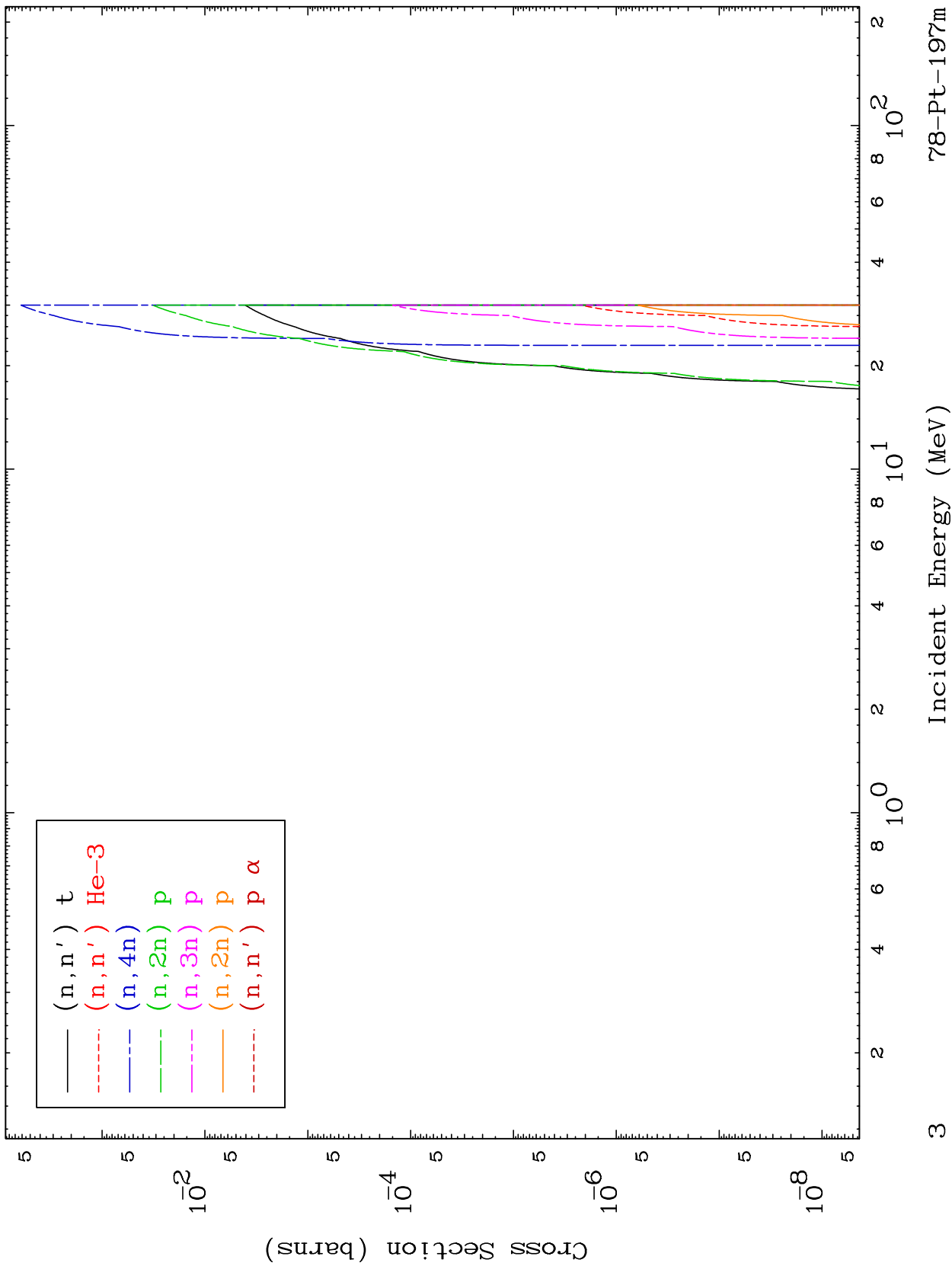
78-Pt-197m

Incident Energy (MeV)

MAT 7847

Proton Neutron Absorption
0 Kelvin Cross Sections

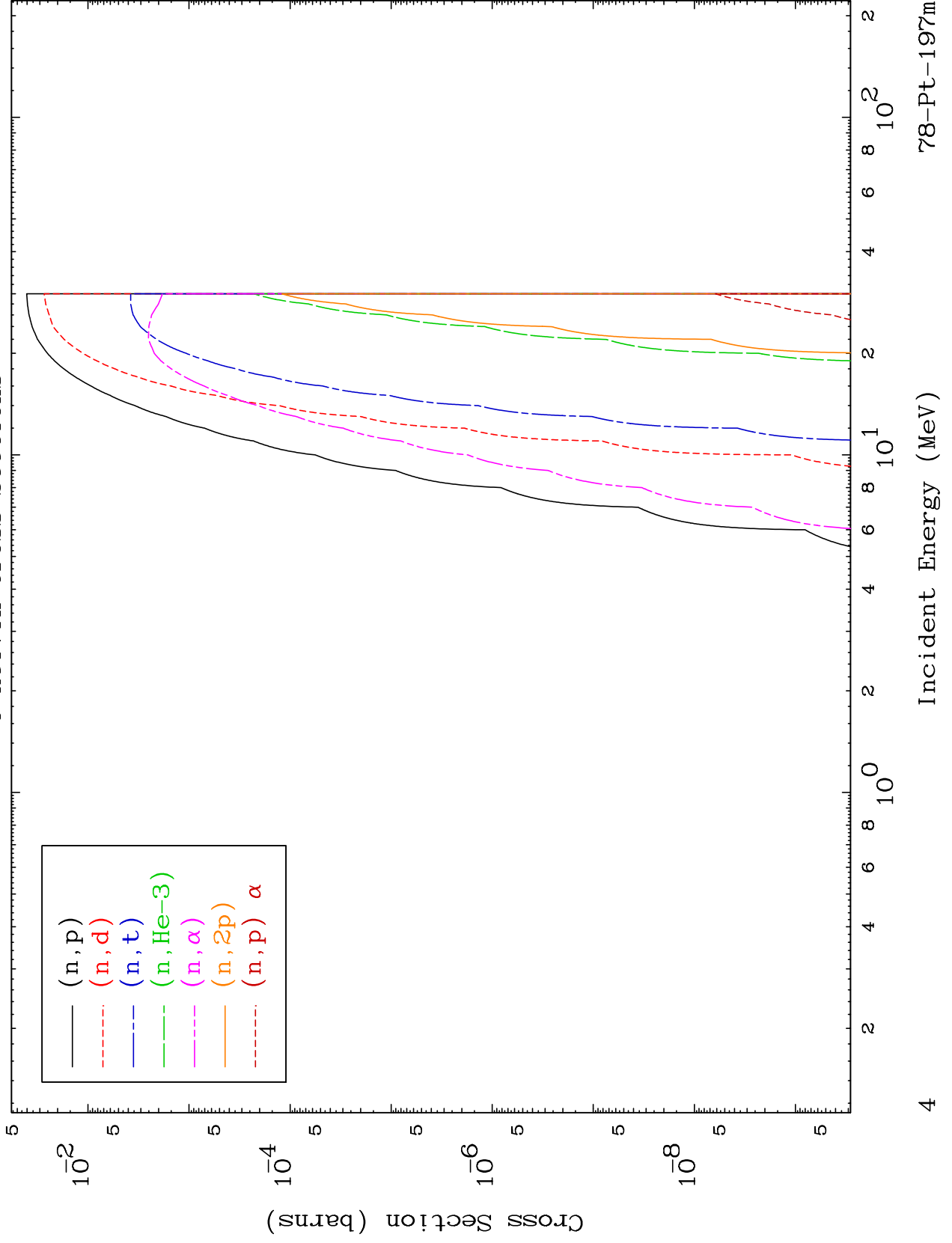
78-Pt-197m



MAT 7847

Proton Neutron Absorption
0 Kelvin Cross Sections

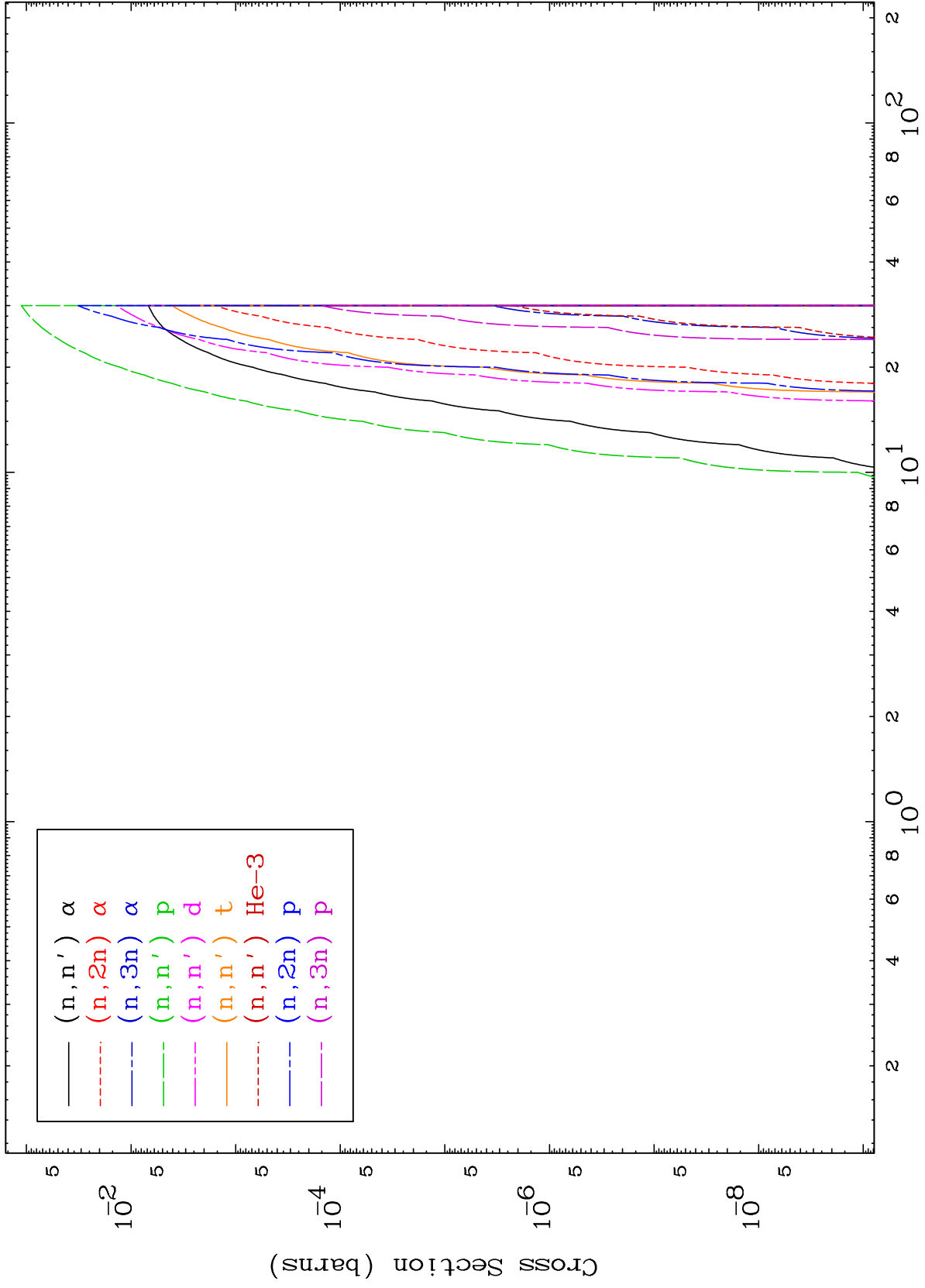
78-Pt-197m



MAT 7847

Proton Charged Particle
0 Kelvin Cross Sections

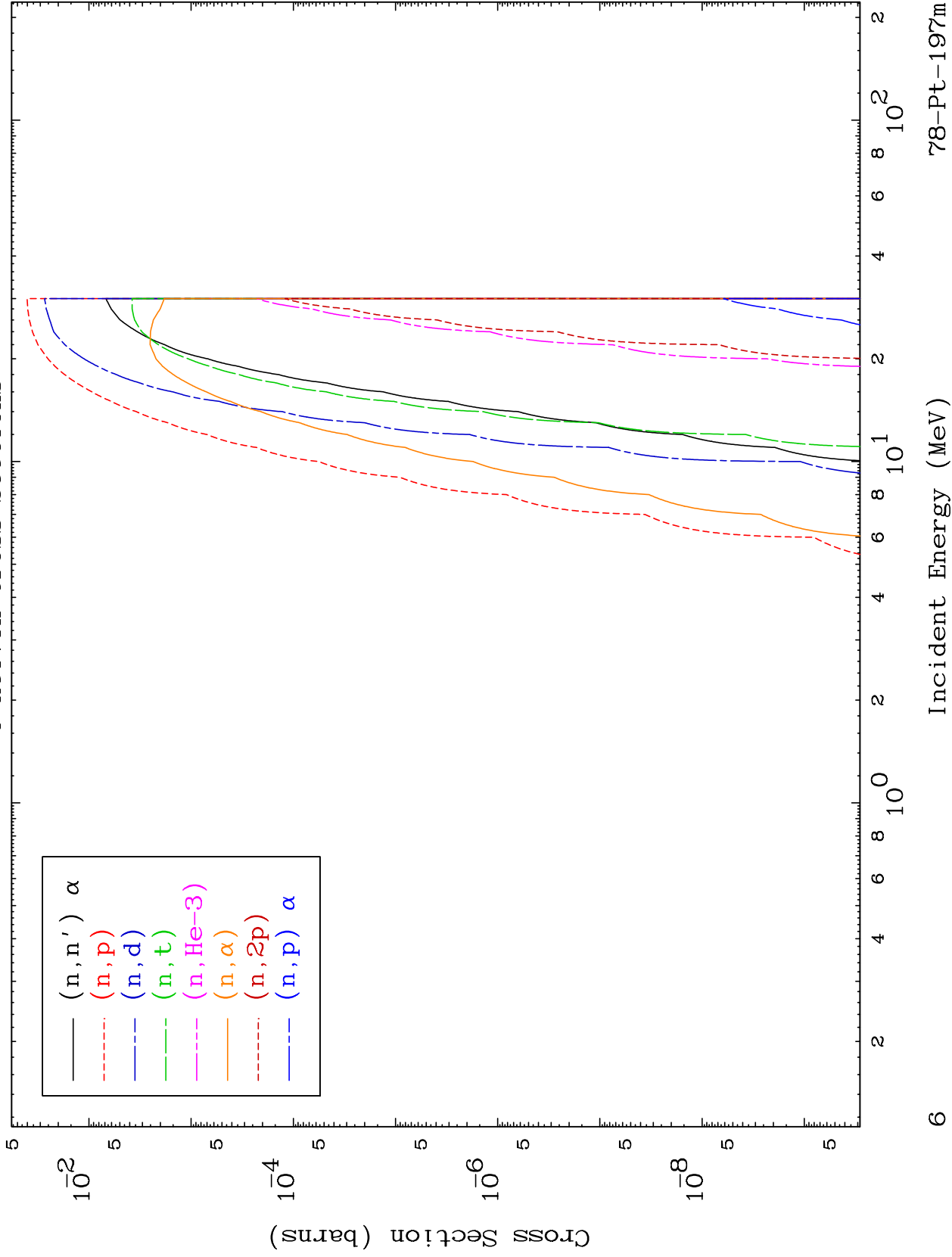
78-Pt-197m



MAT 7847

Proton Charged Particle
0 Kelvin Cross Sections

78-Pt-197m

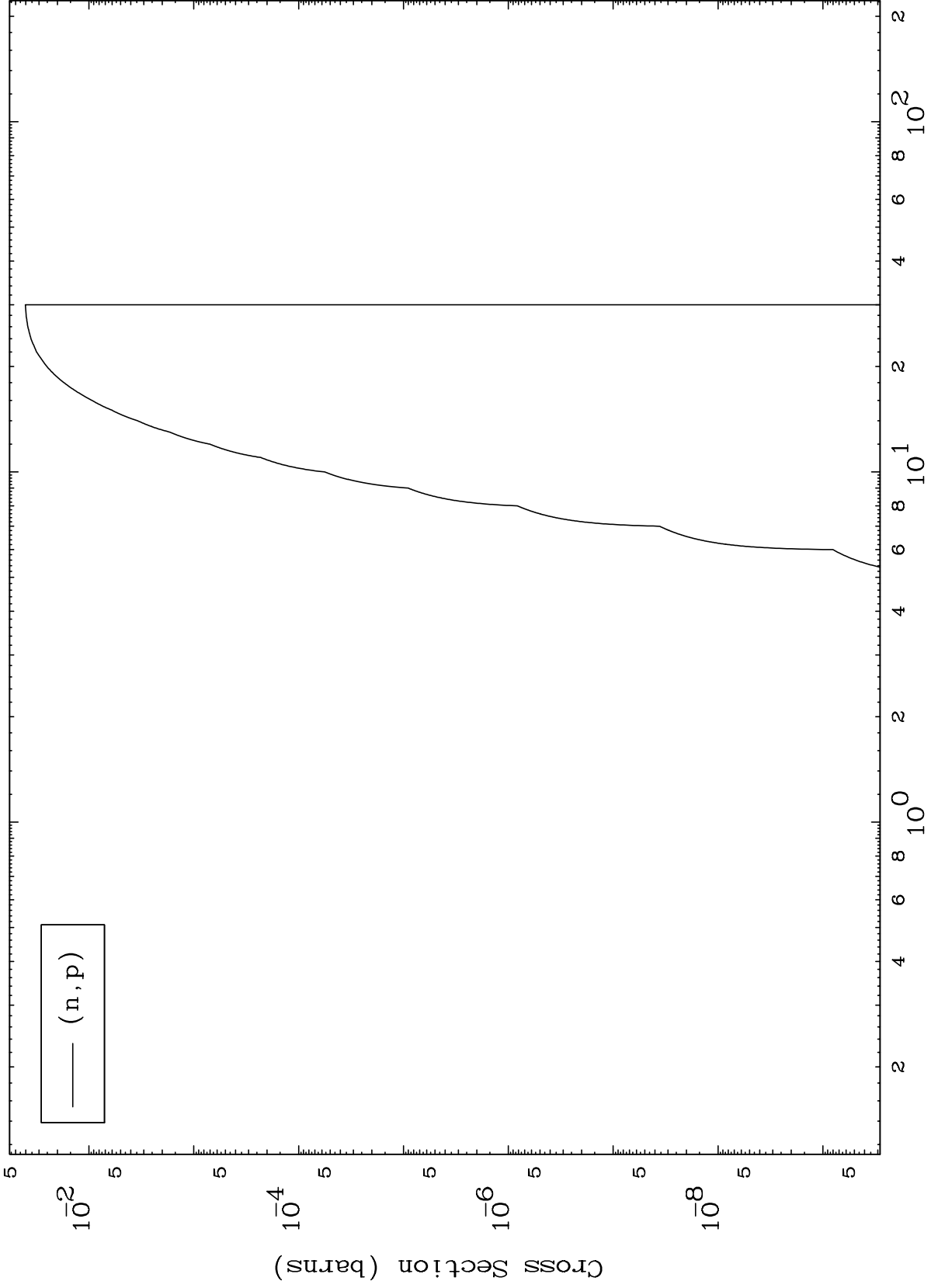


MAT 7847

(p,p) Levels

78-Pt-197m

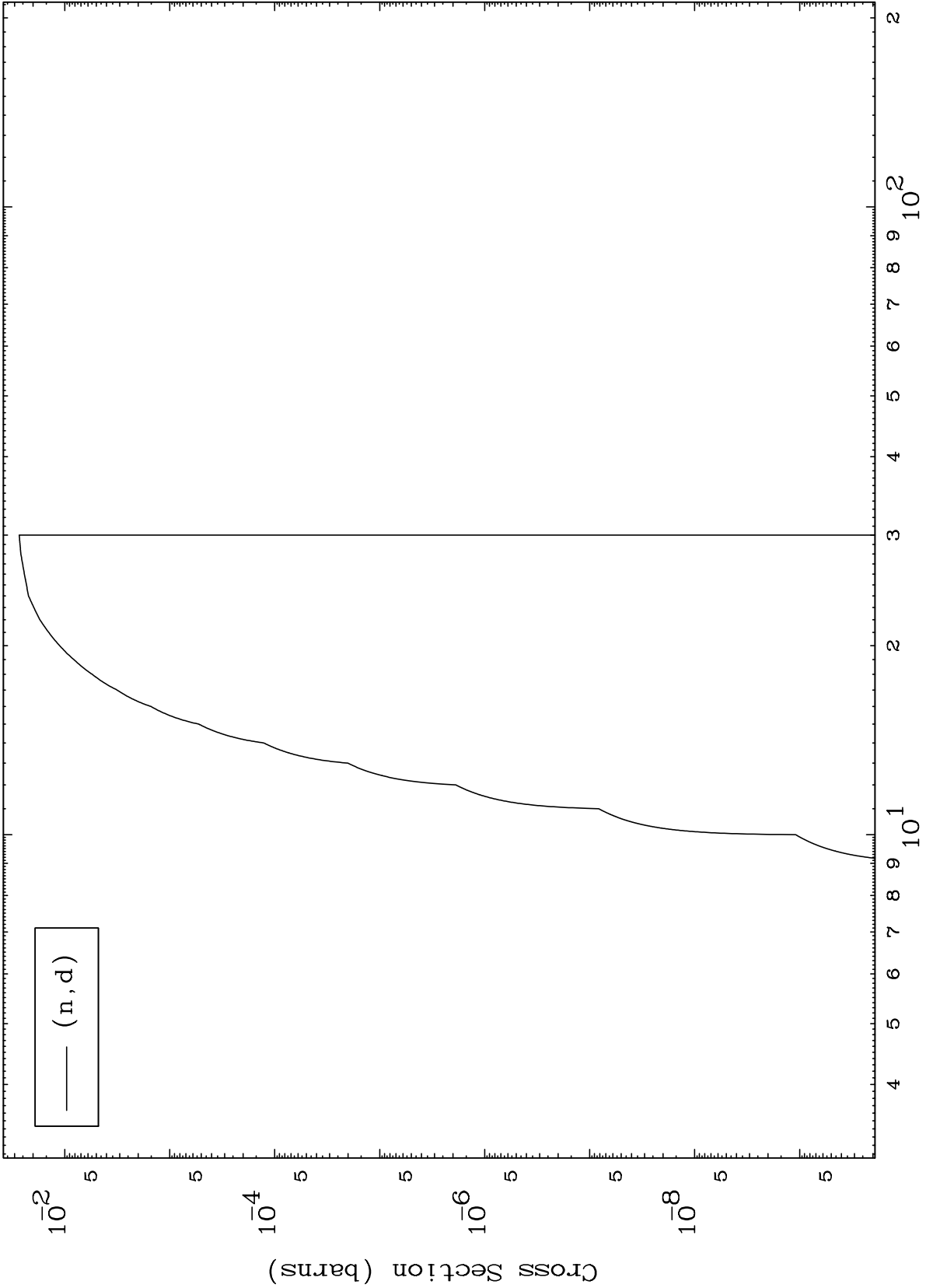
0 Kelvin Cross Sections



MAT 7847

(p,d) Levels
0 Kelvin Cross Sections

78-Pt-197m

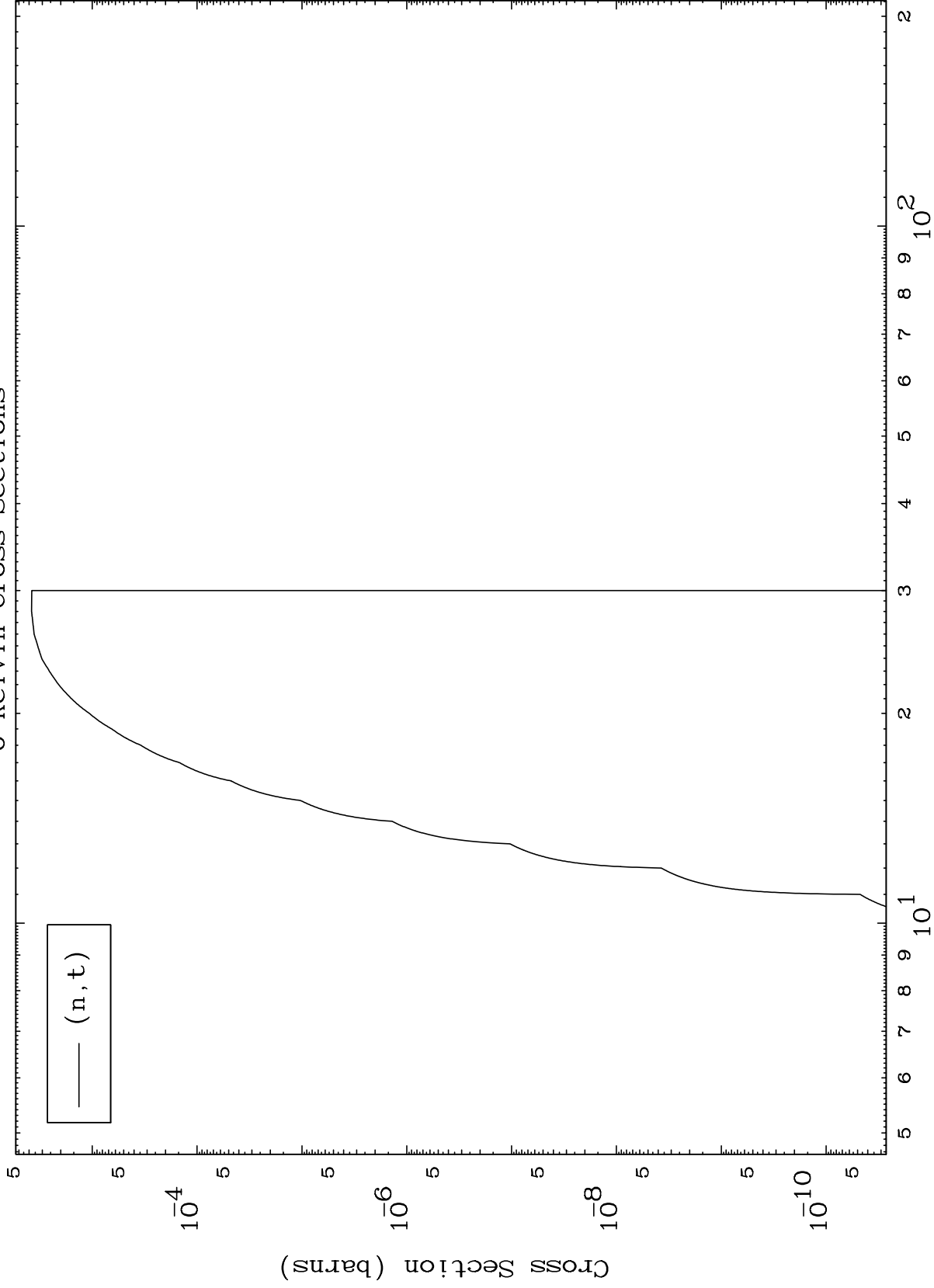


MAT 7847

(p,t) Levels

78-Pt-197m

0 Kelvin Cross Sections



9

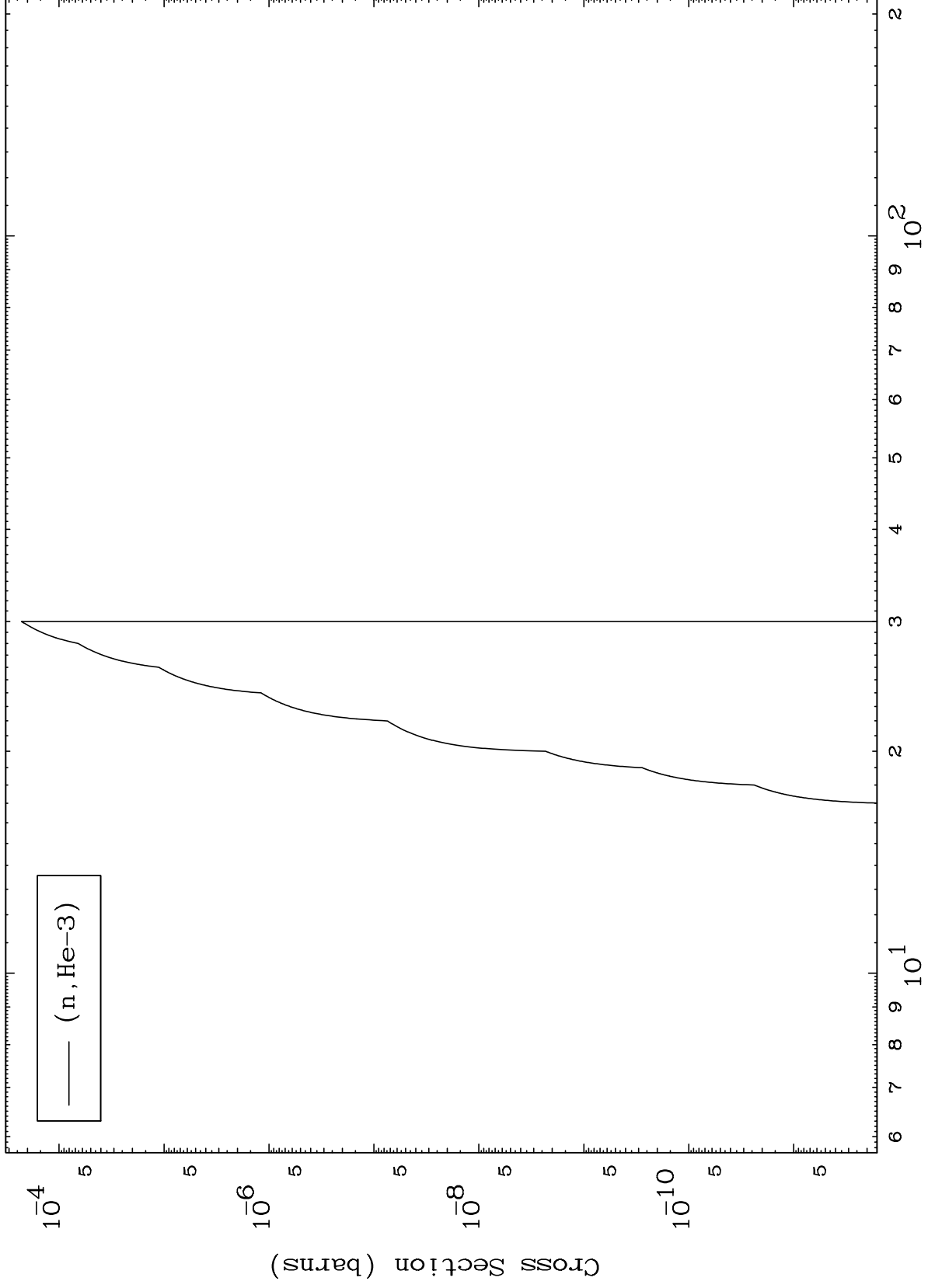
Incident Energy (MeV)

78-Pt-197m

MAT 7847

(p,He3) Levels
0 Kelvin Cross Sections

78-Pt-197m



10

Incident Energy (MeV)

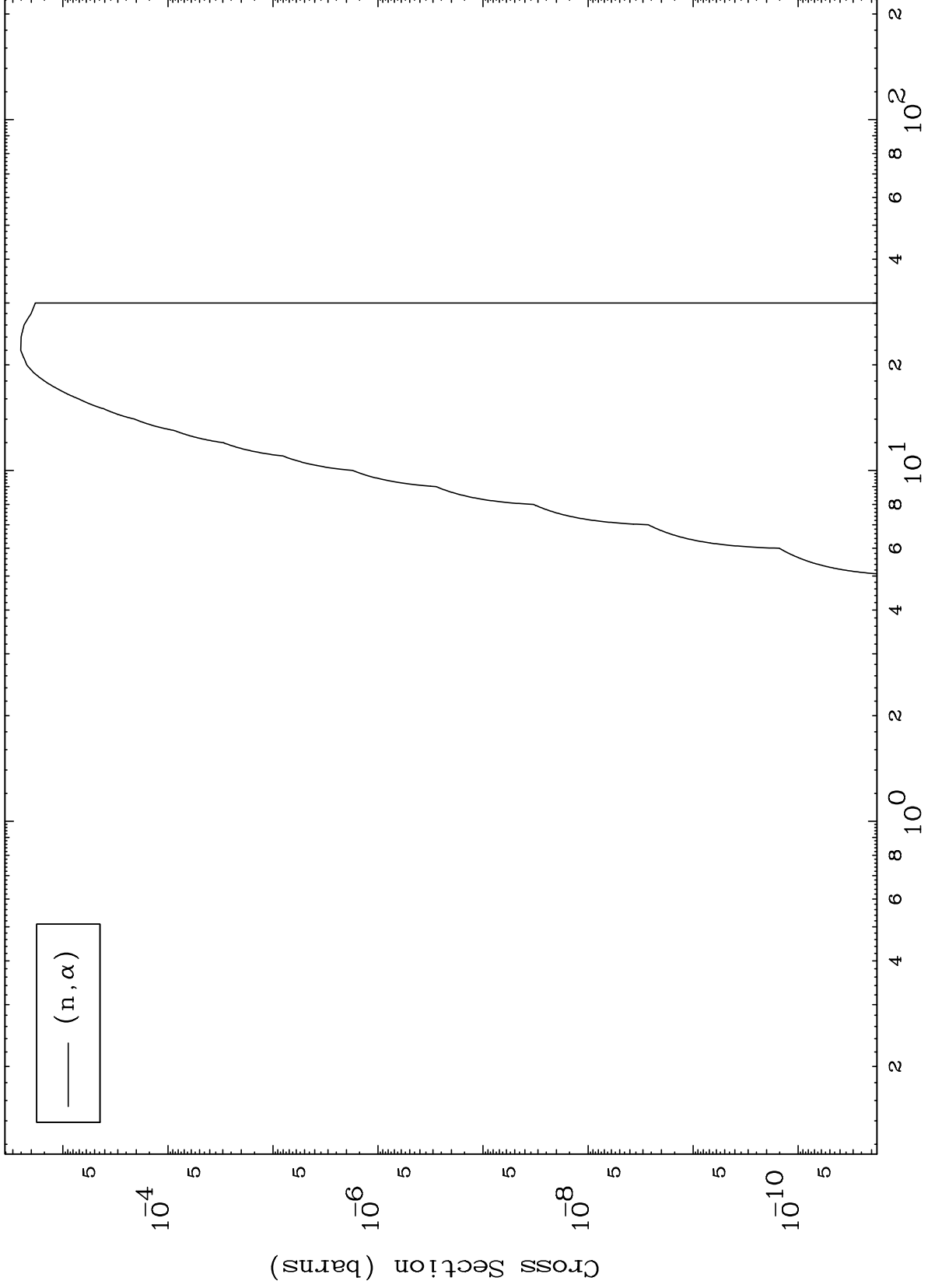
78-Pt-197m

MAT 7847

(p, α) Levels

78-Pt-197m

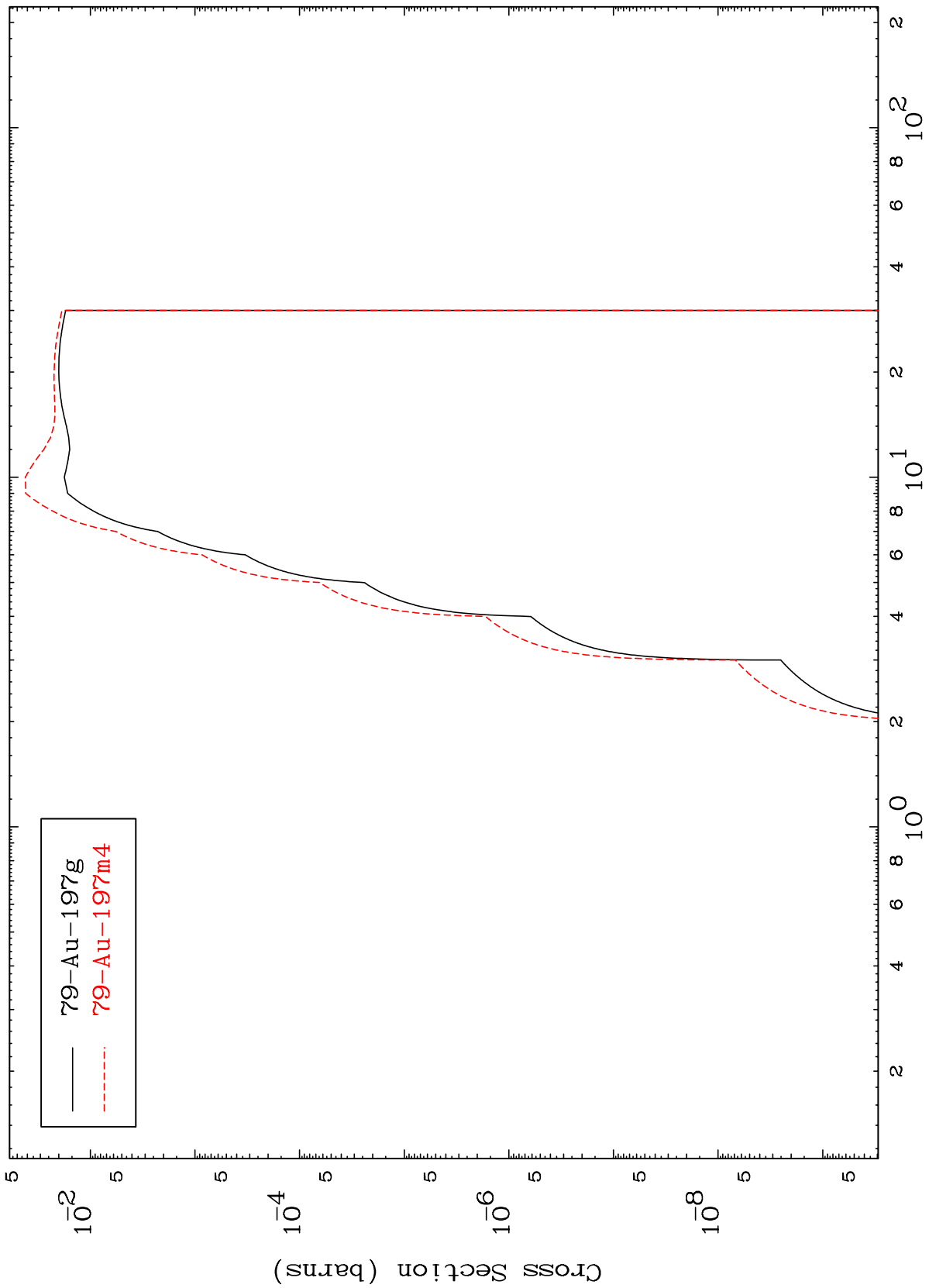
0 Kelvin Cross Sections



MAT 7847

78-Pt-197m

Inelastic
Radionuclide Production Cross Section



78-Pt-197m

Incident Energy (MeV)

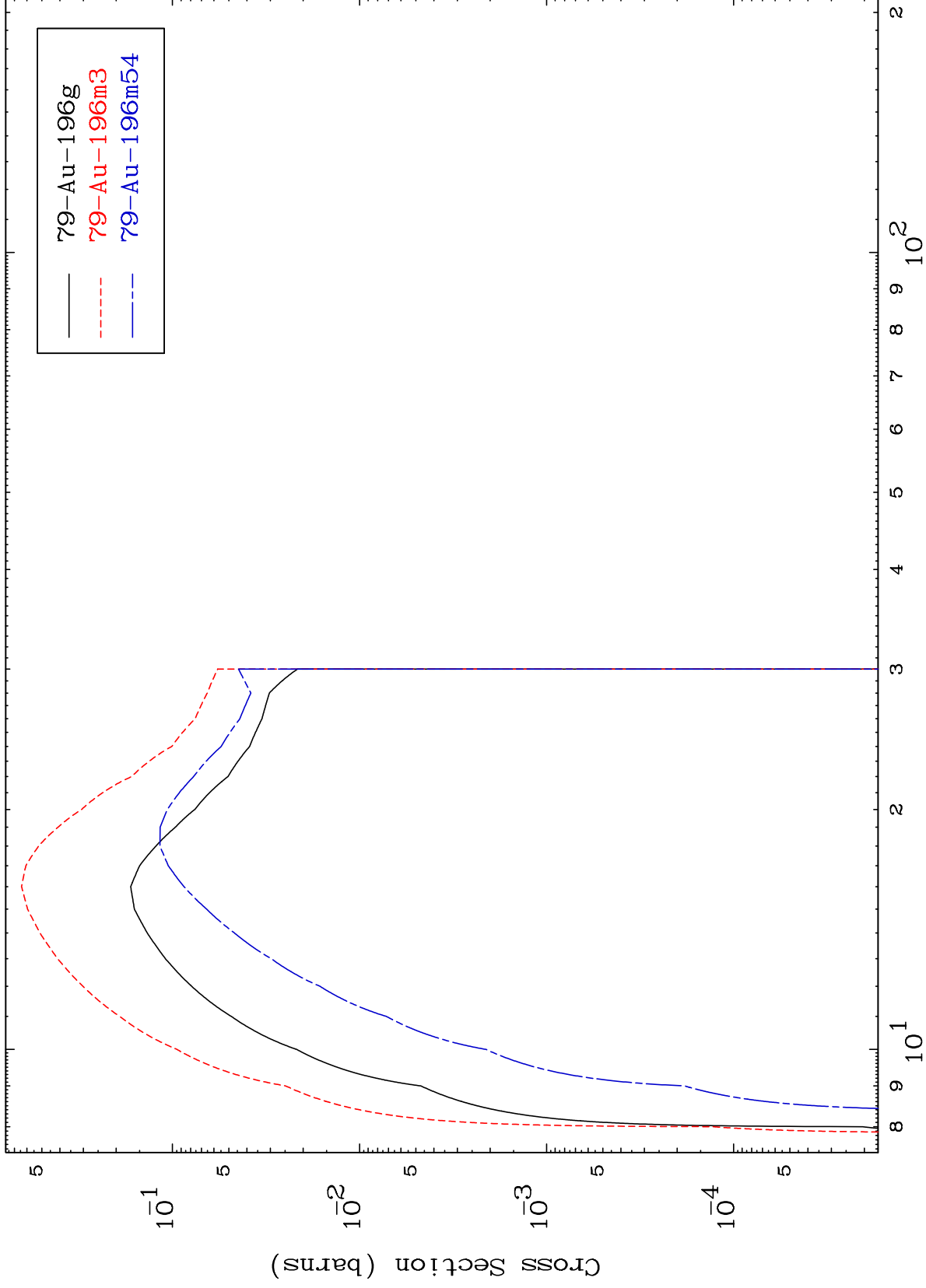
12

MAT 7847

(n,2n)

78-Pt-197m

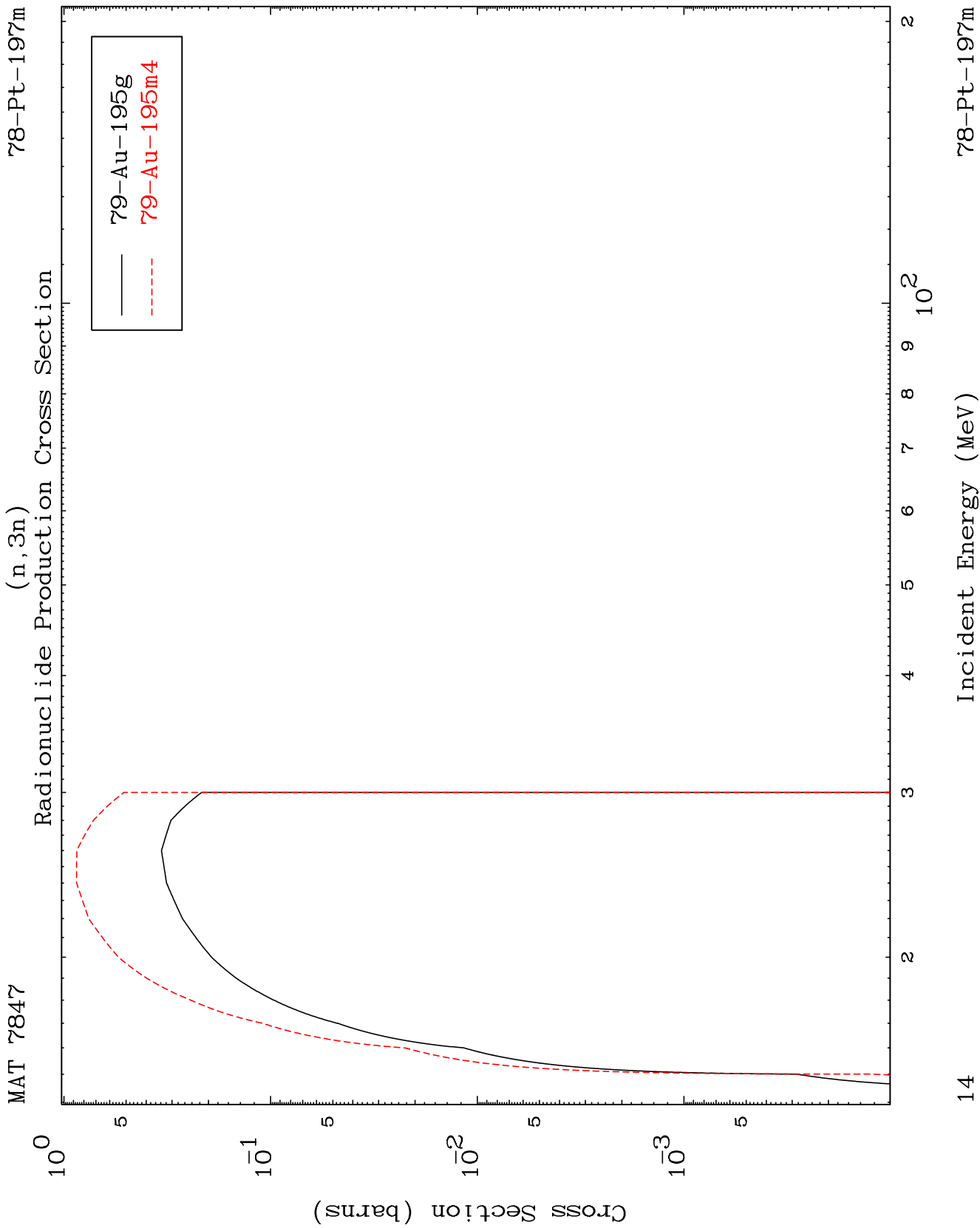
Radionuclide Production Cross Section



13

Incident Energy (MeV)

78-Pt-197m

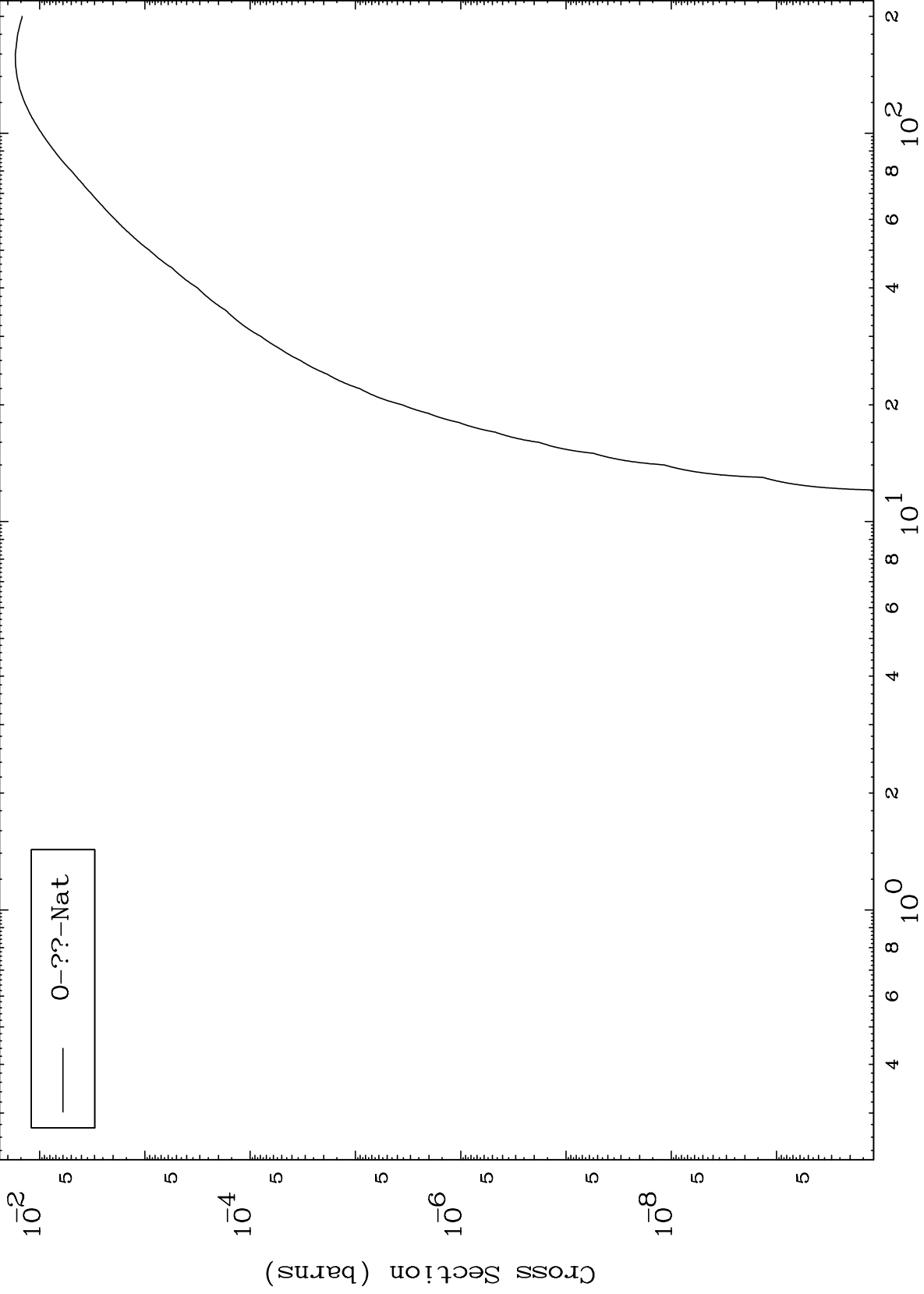


MAT 7847

Fission

78-Pt-197m

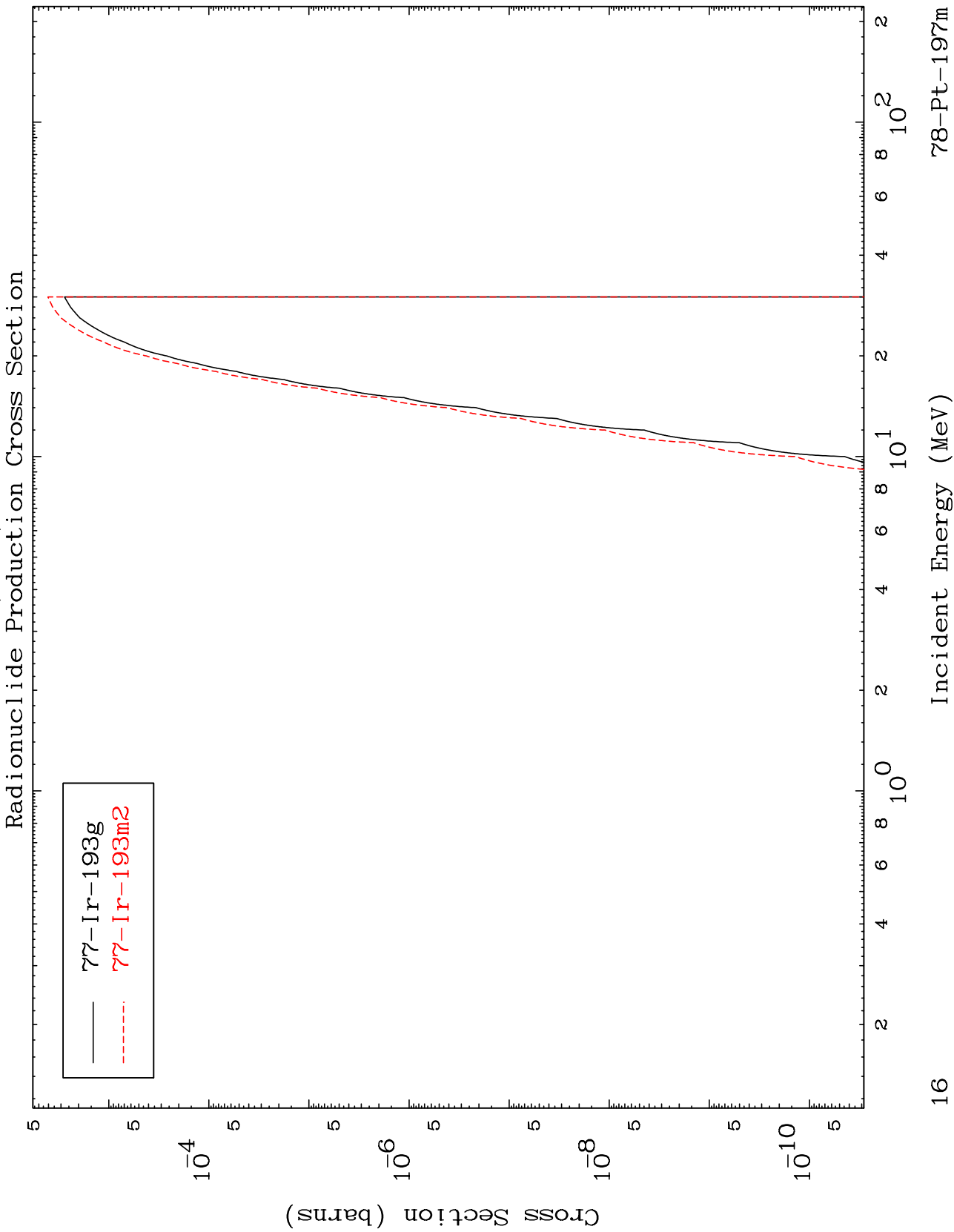
Radionuclide Production Cross Section



MAT 7847

$(n, n') \alpha$

78-Pt-197m

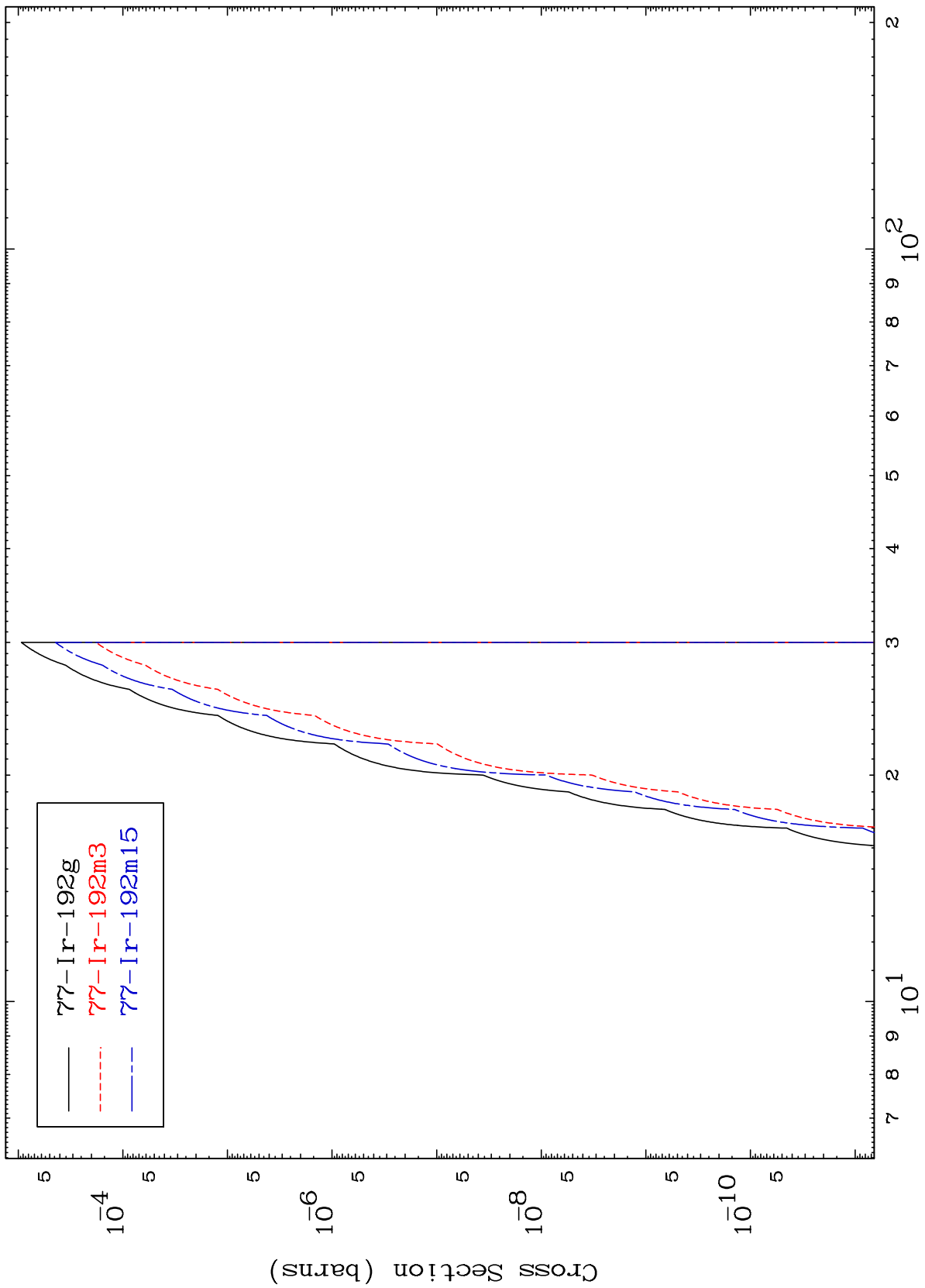


MAT 7847

(n,2n) α

78-Pt-197m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

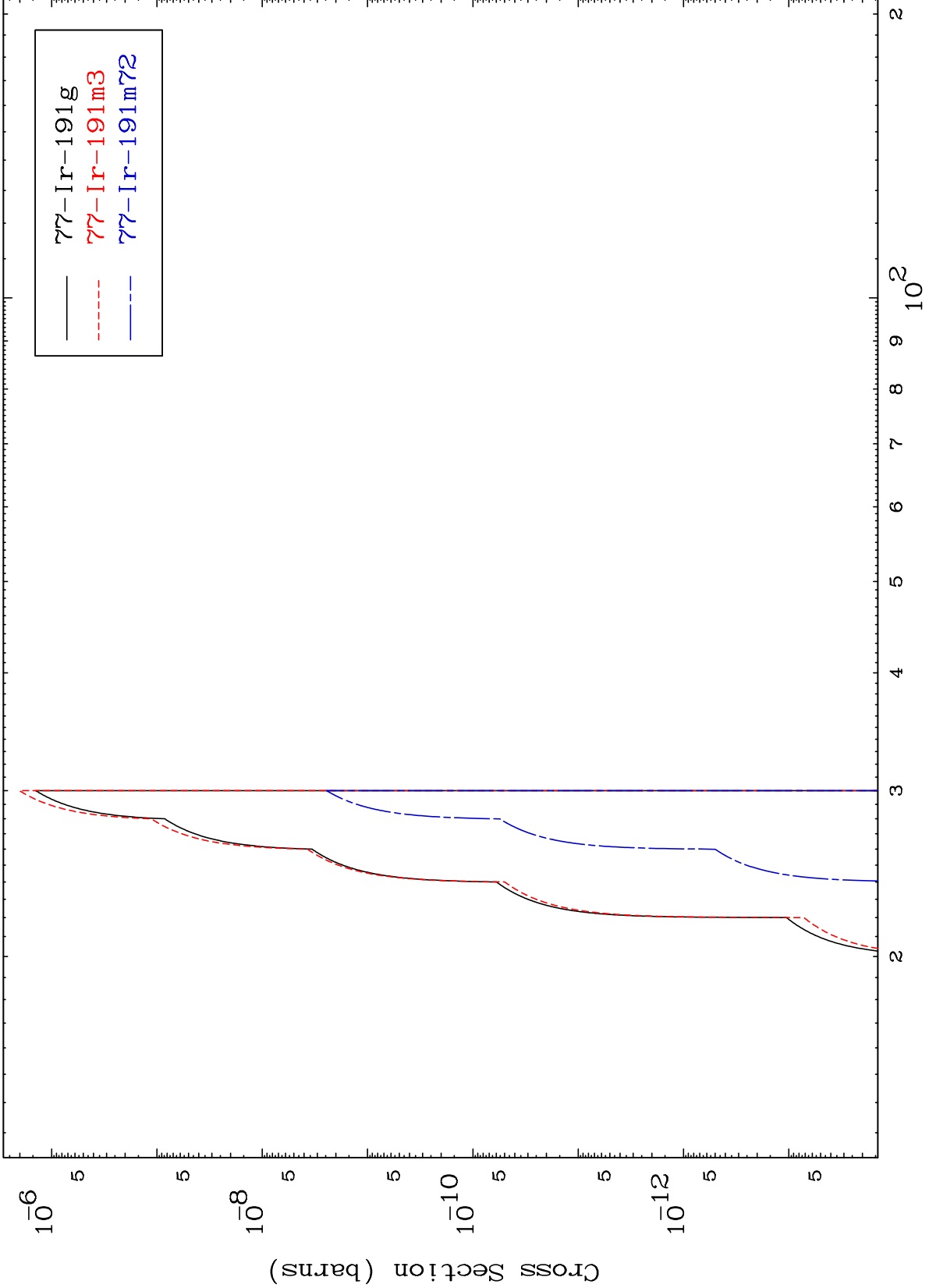
78-Pt-197m

MAT 7847

(n,3n) α

78-Pt-197m

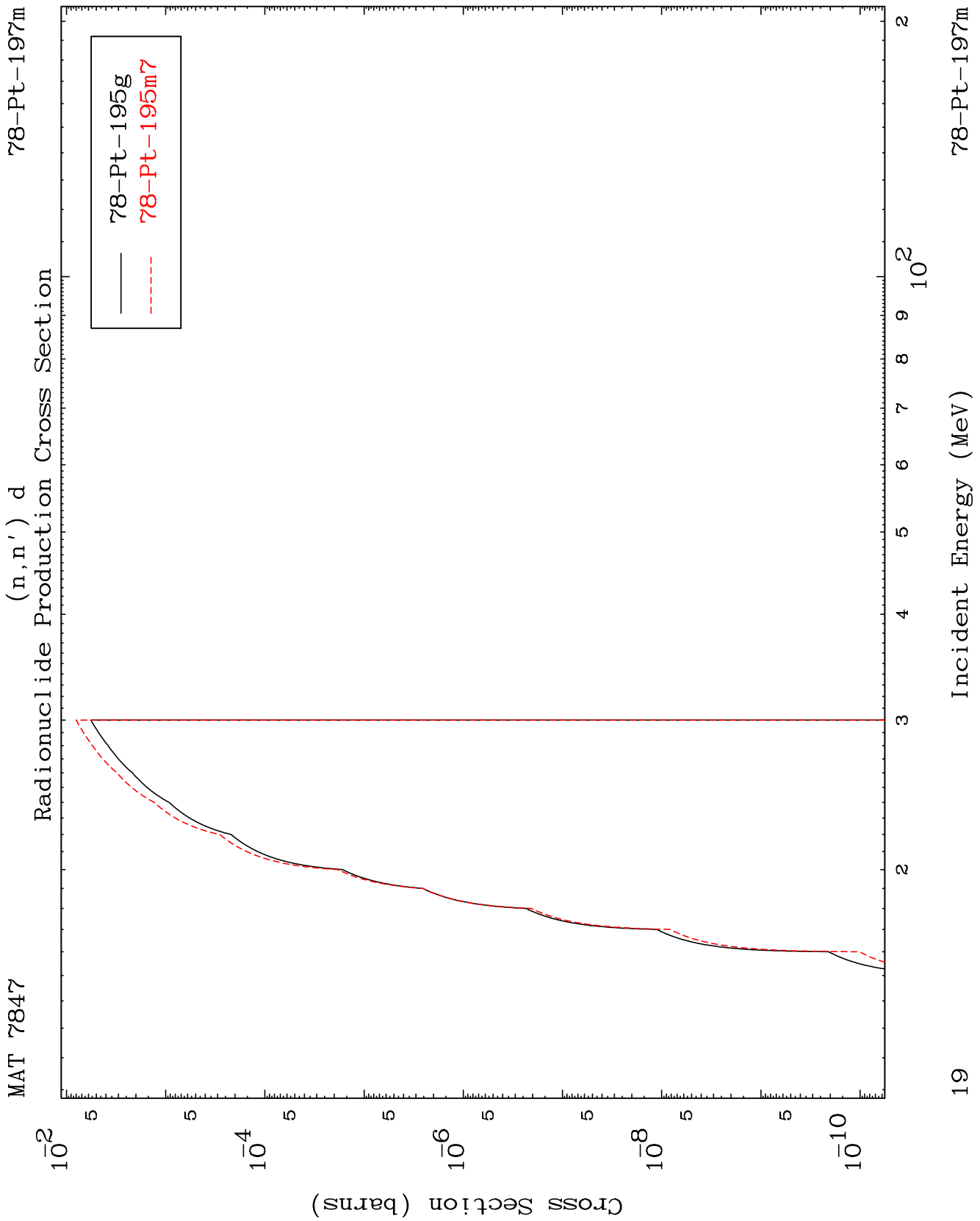
Radionuclide Production Cross Section



18

Incident Energy (MeV)

78-Pt-197m

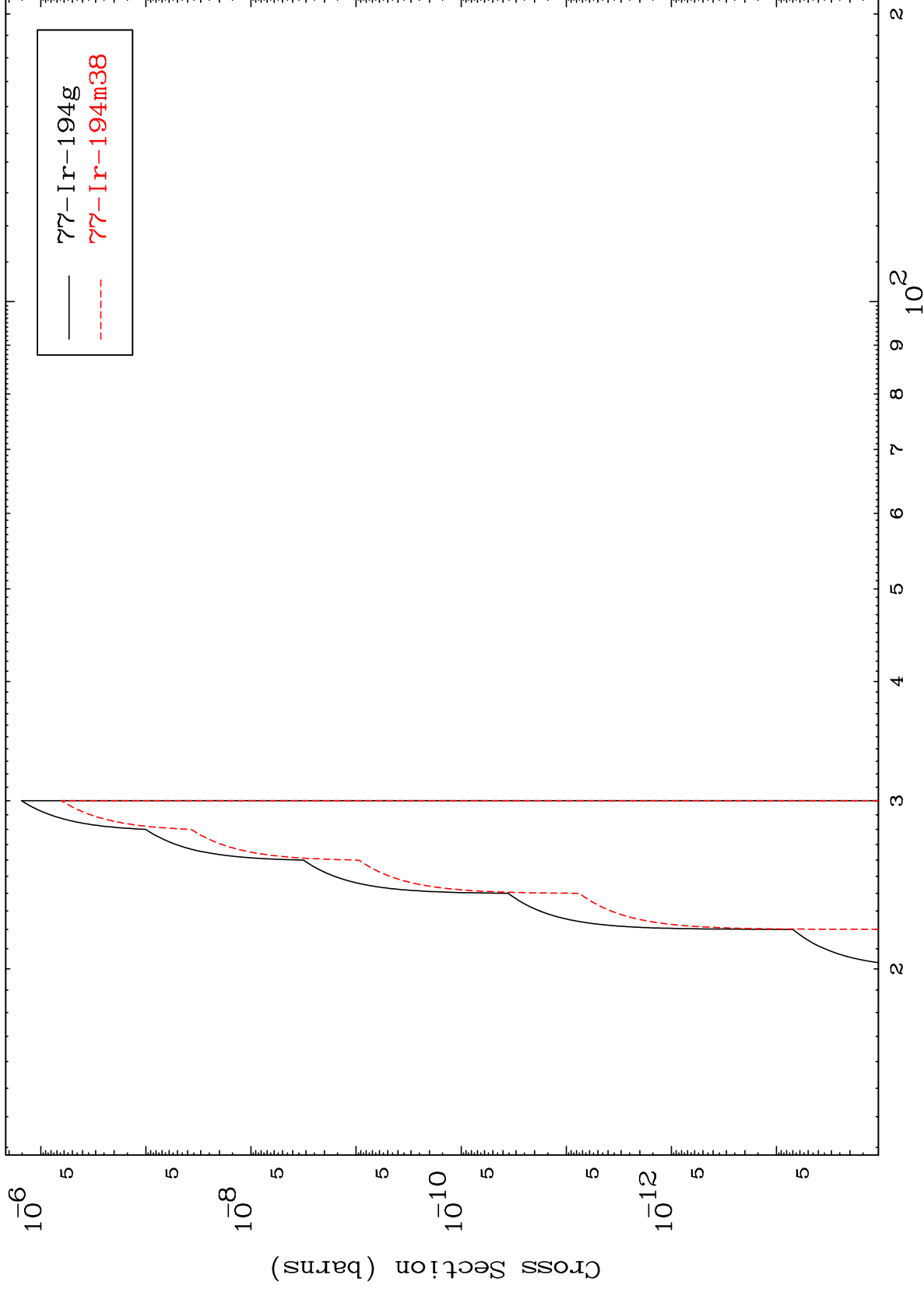


MAT 7847

(n,n') He-3

78-Pt-197m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

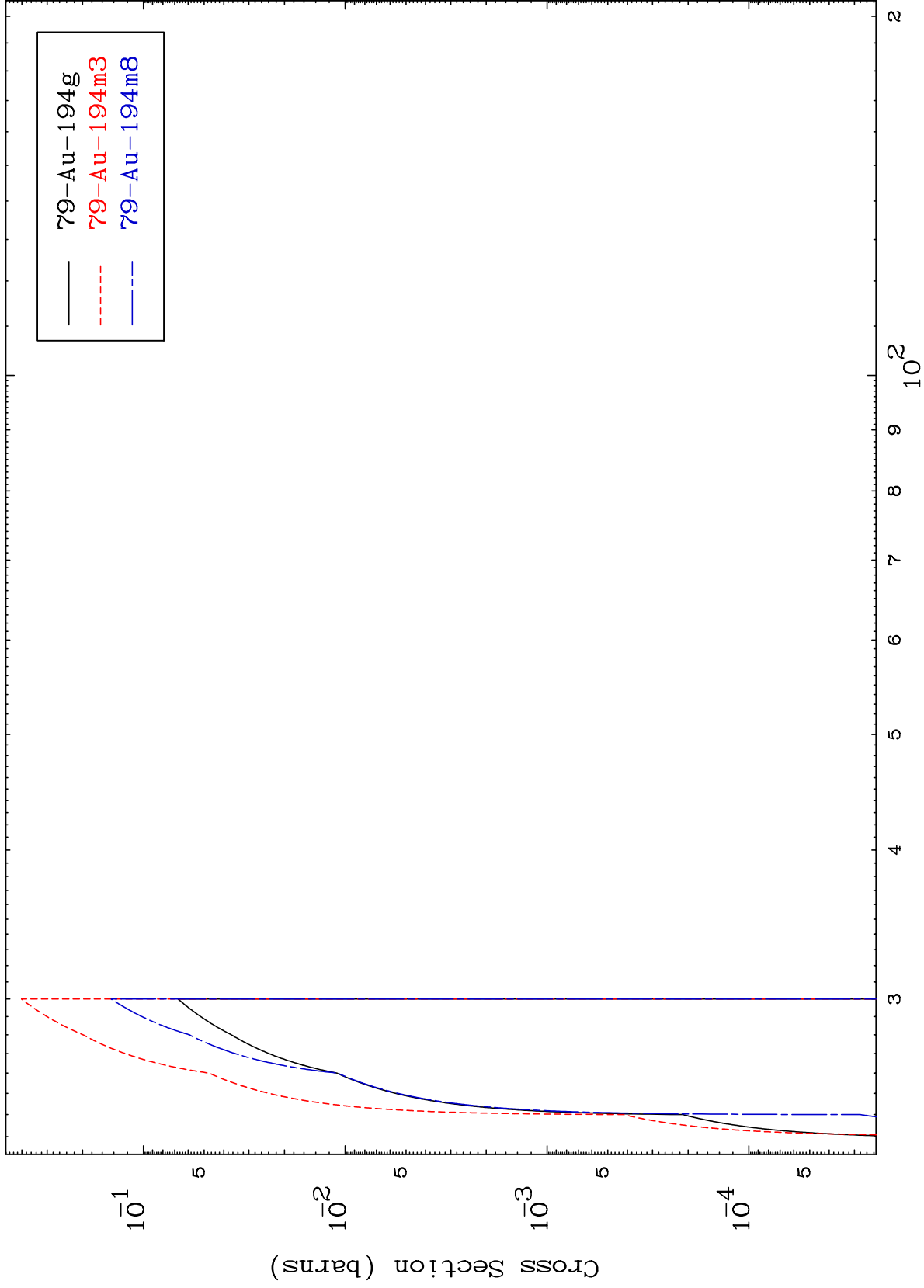
78-Pt-197m

MAT 7847

(n,4n)

78-Pt-197m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

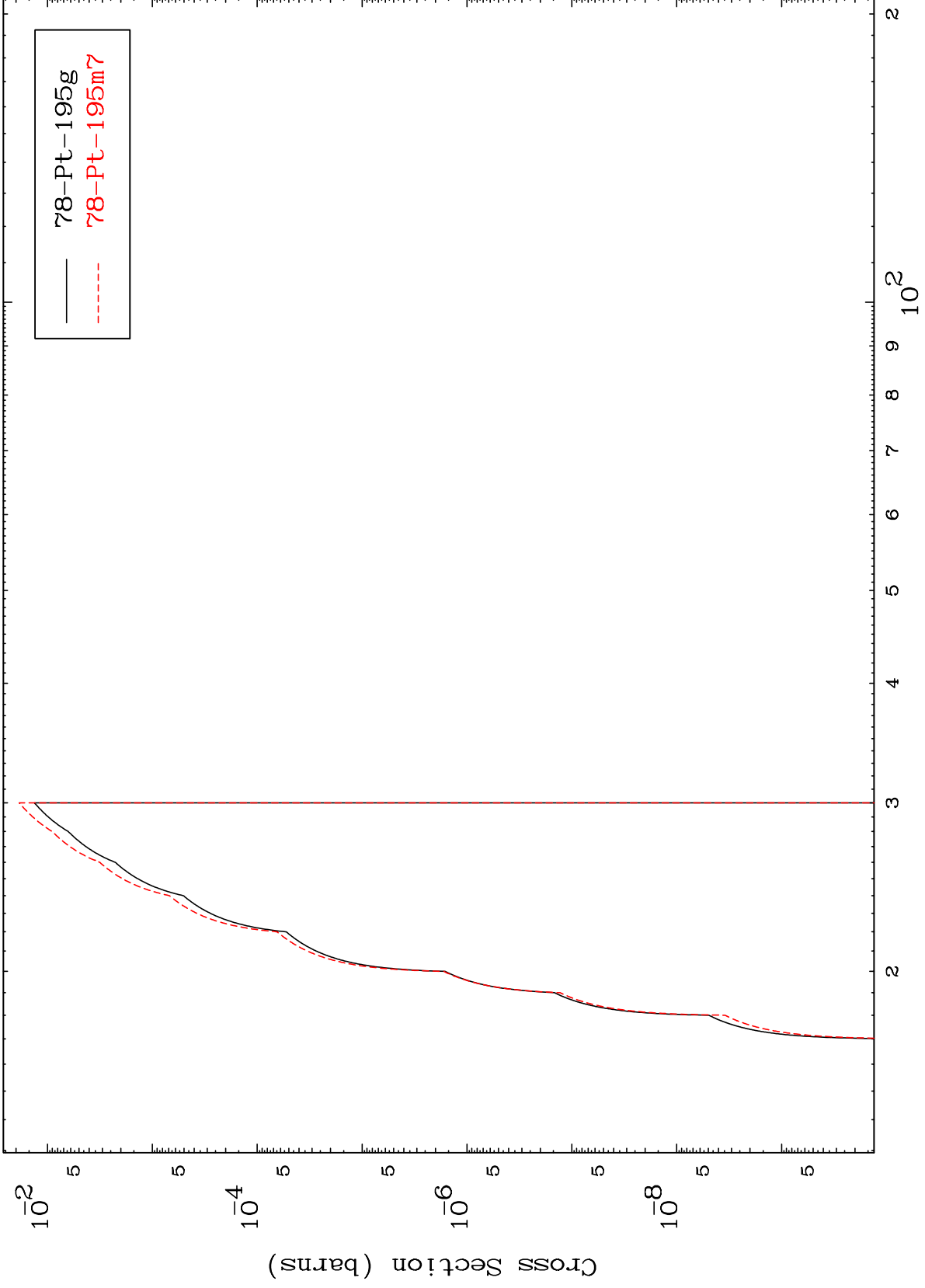
78-Pt-197m

MAT 7847

(n,2n) p

78-Pt-197m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

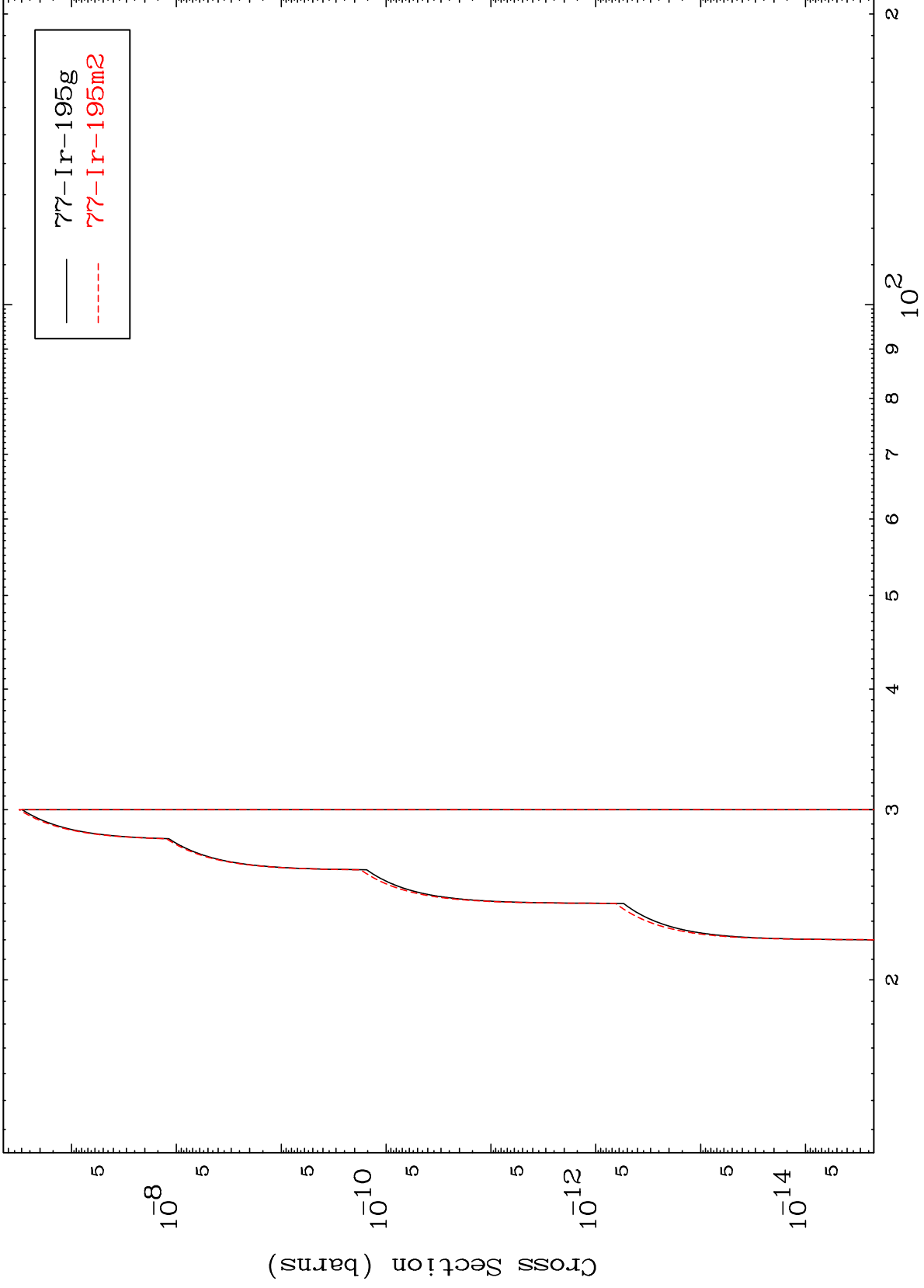
78-Pt-197m

MAT 7847

(n,2n) p

78-Pt-197m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

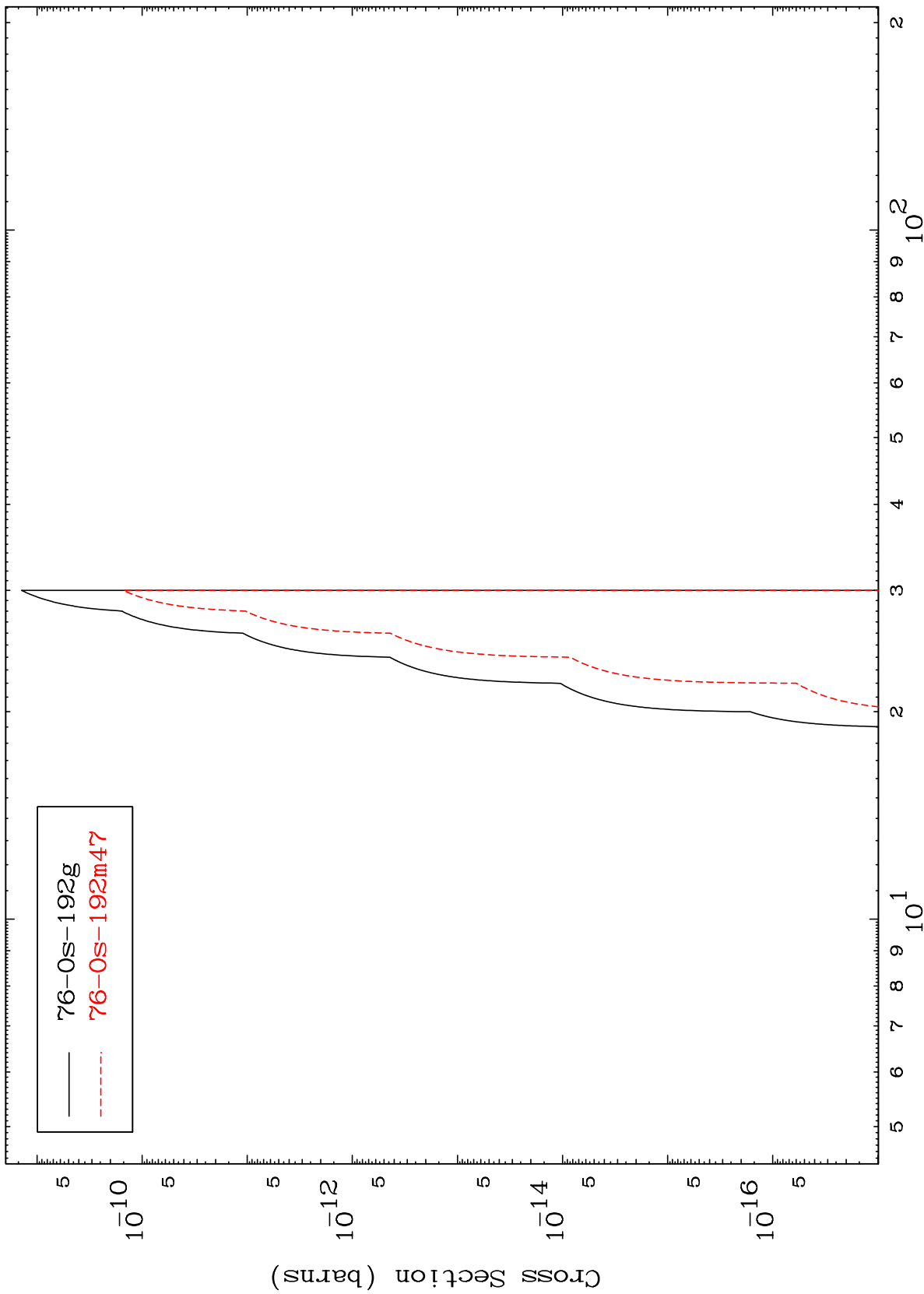
78-Pt-197m

MAT 7847

(n, n') p α

78-Pt-197m

Radionuclide Production Cross Section



24

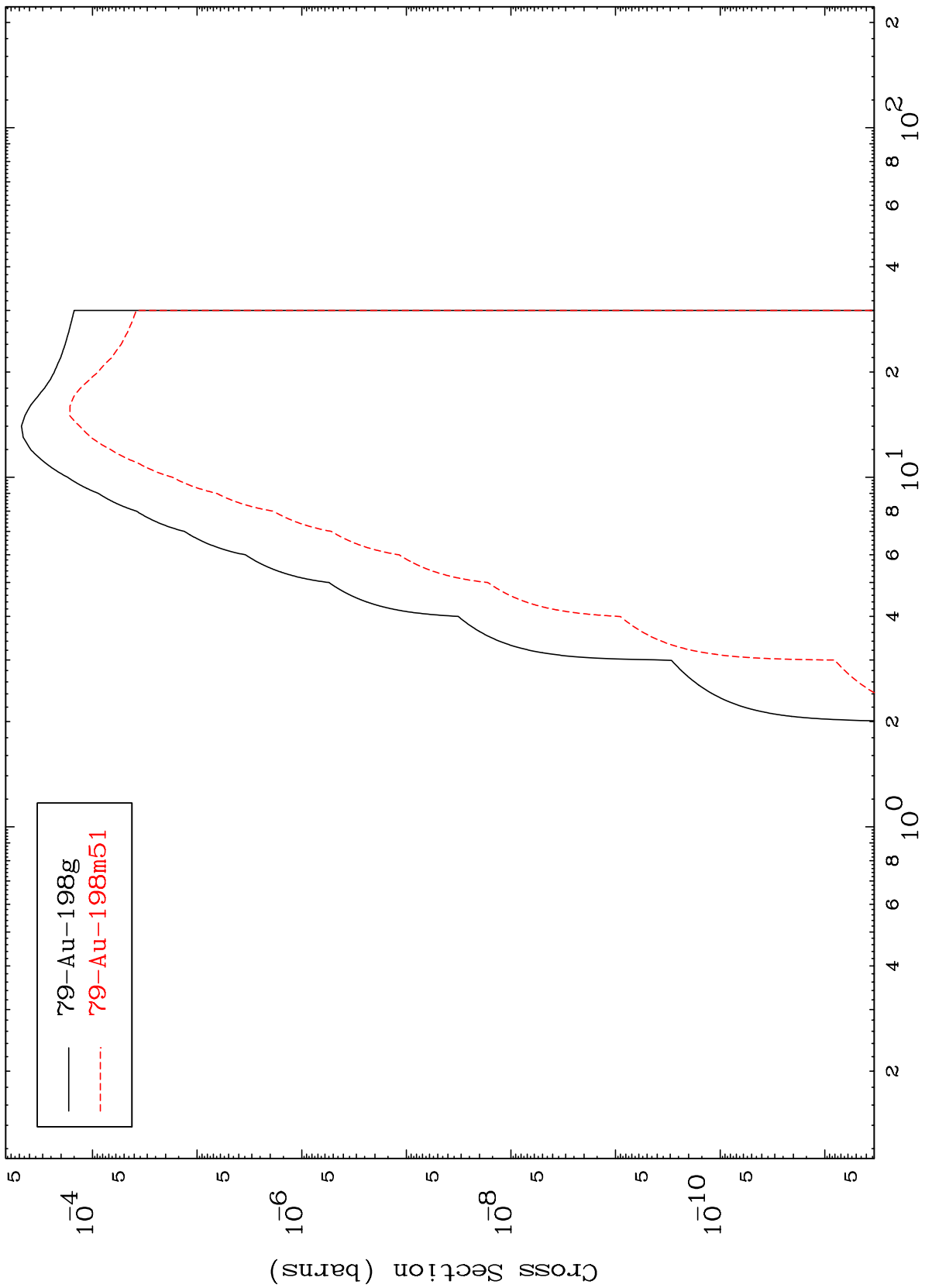
Incident Energy (MeV)

78-Pt-197m

MAT 7847

78-Pt-197m

(n, γ)
Radionuclide Production Cross Section



78-Pt-197m

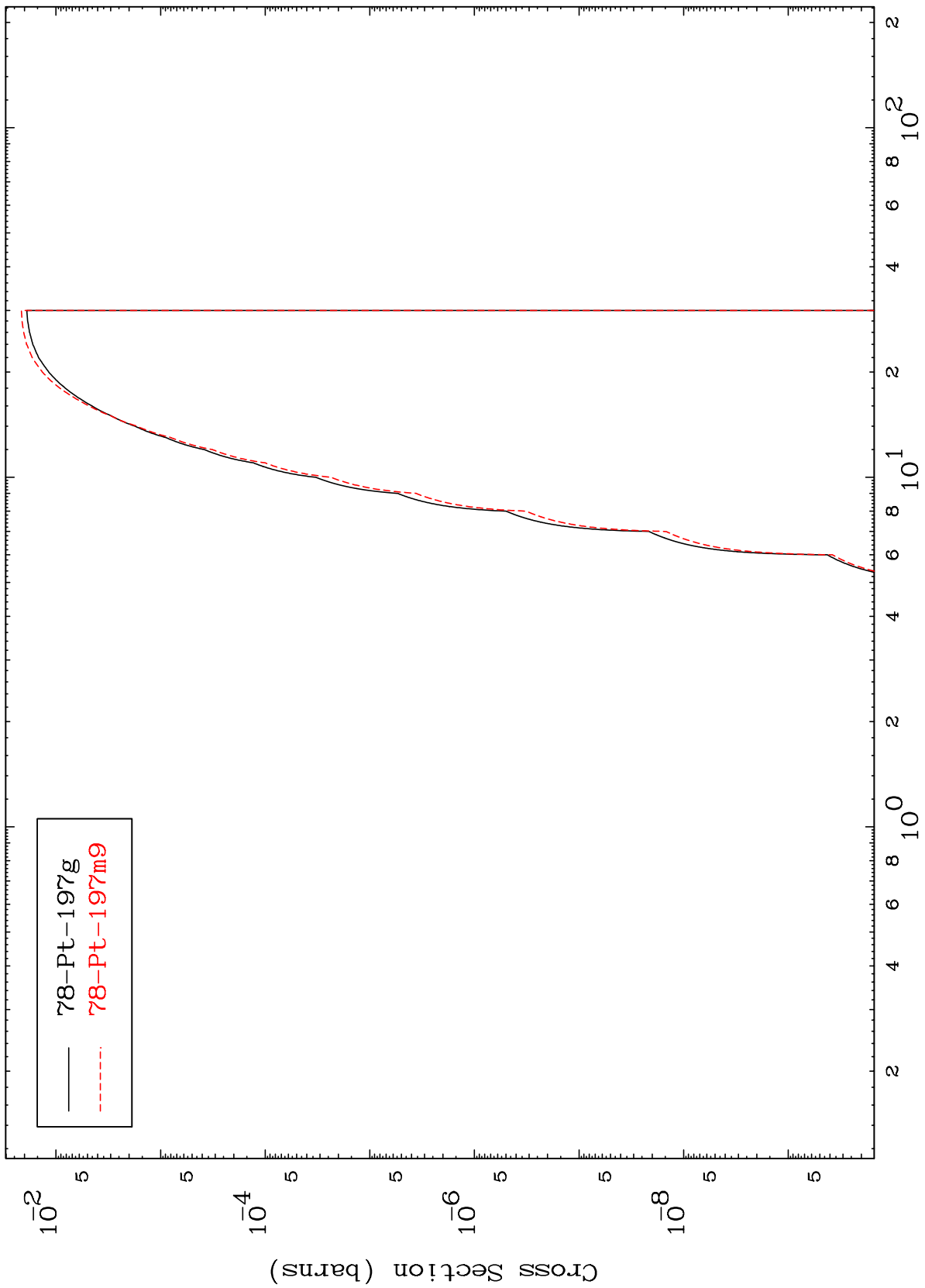
Incident Energy (MeV)

25

MAT 7847

78-Pt-197m

Radionuclide Production Cross Section



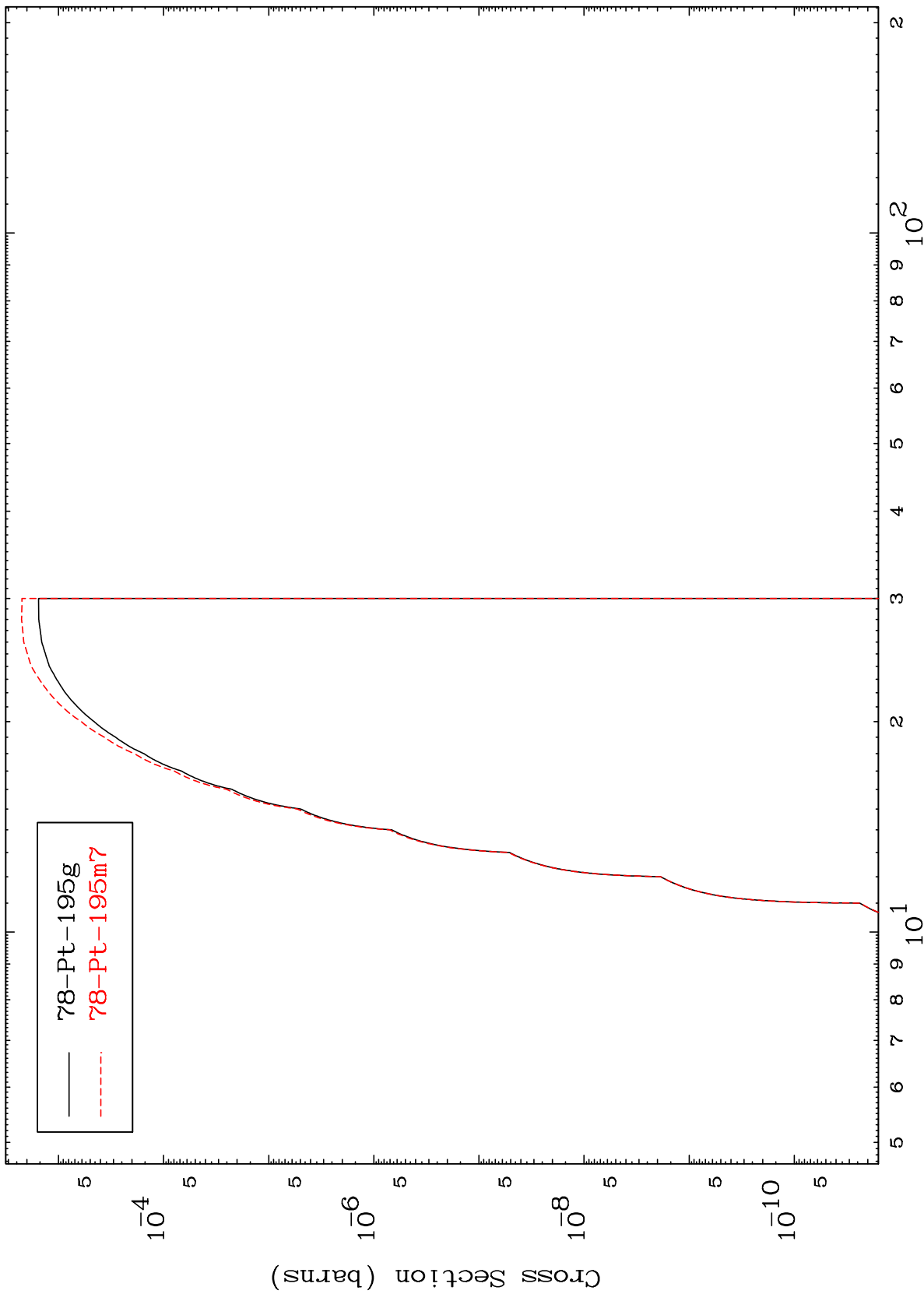
78-Pt-197m

Incident Energy (MeV)

MAT 7847

78-Pt-197m

Radionuclide Production Cross Section (n,t)



Incident Energy (MeV)

78-Pt-197m

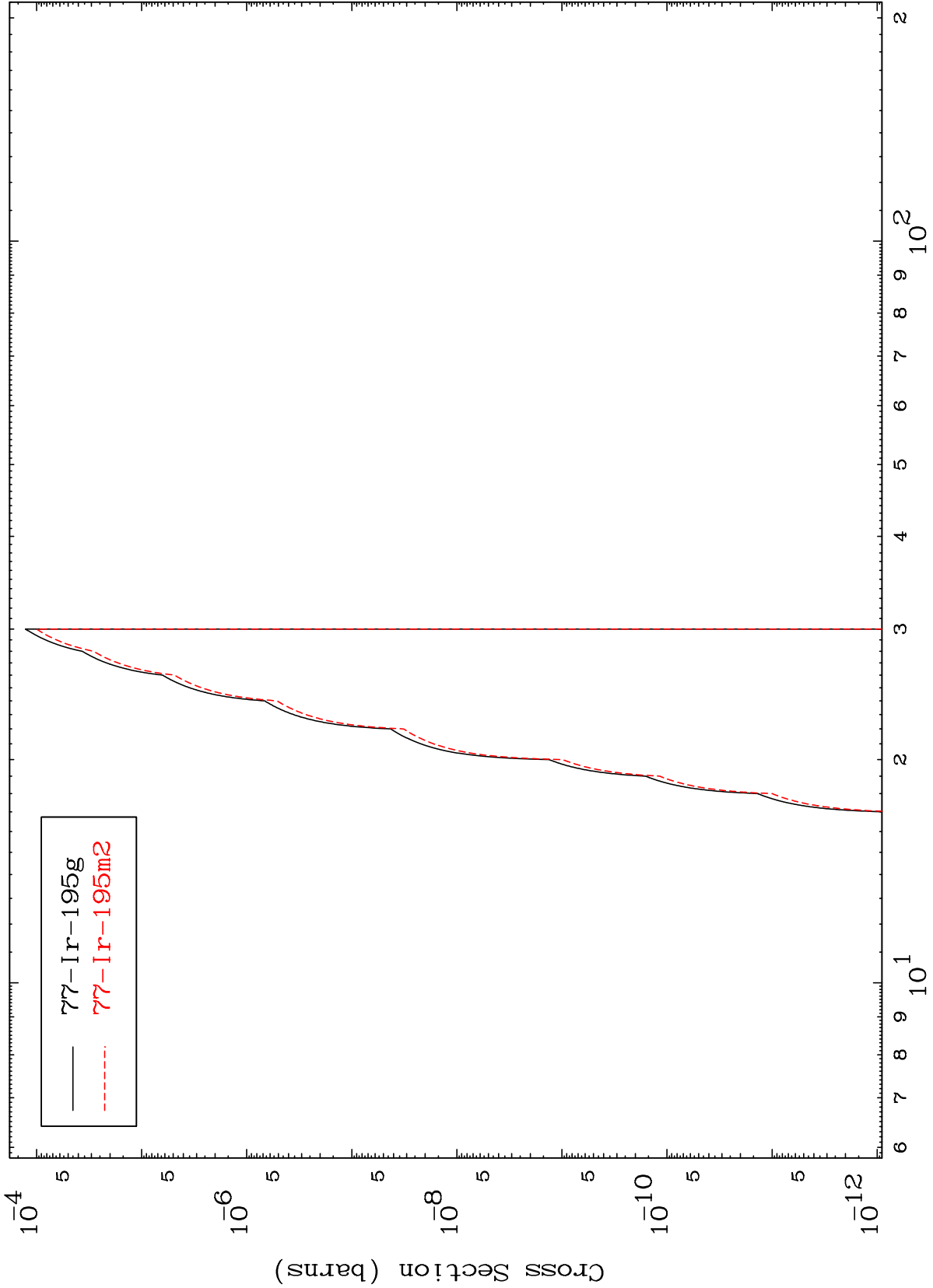
27

MAT 7847

(n,He-3)

78-Pt-197m

Radionuclide Production Cross Section



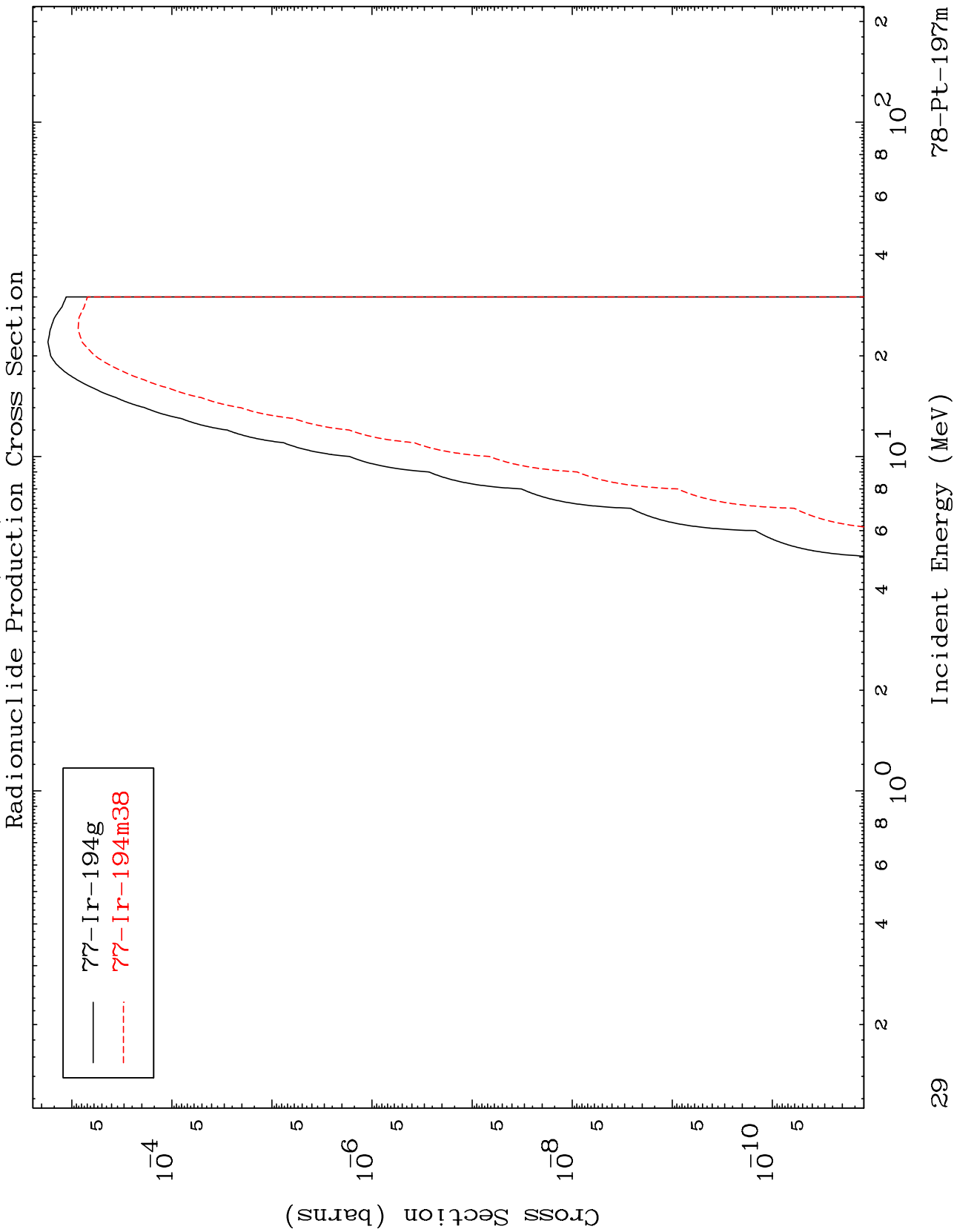
28

Incident Energy (MeV)

78-Pt-197m

MAT 7847

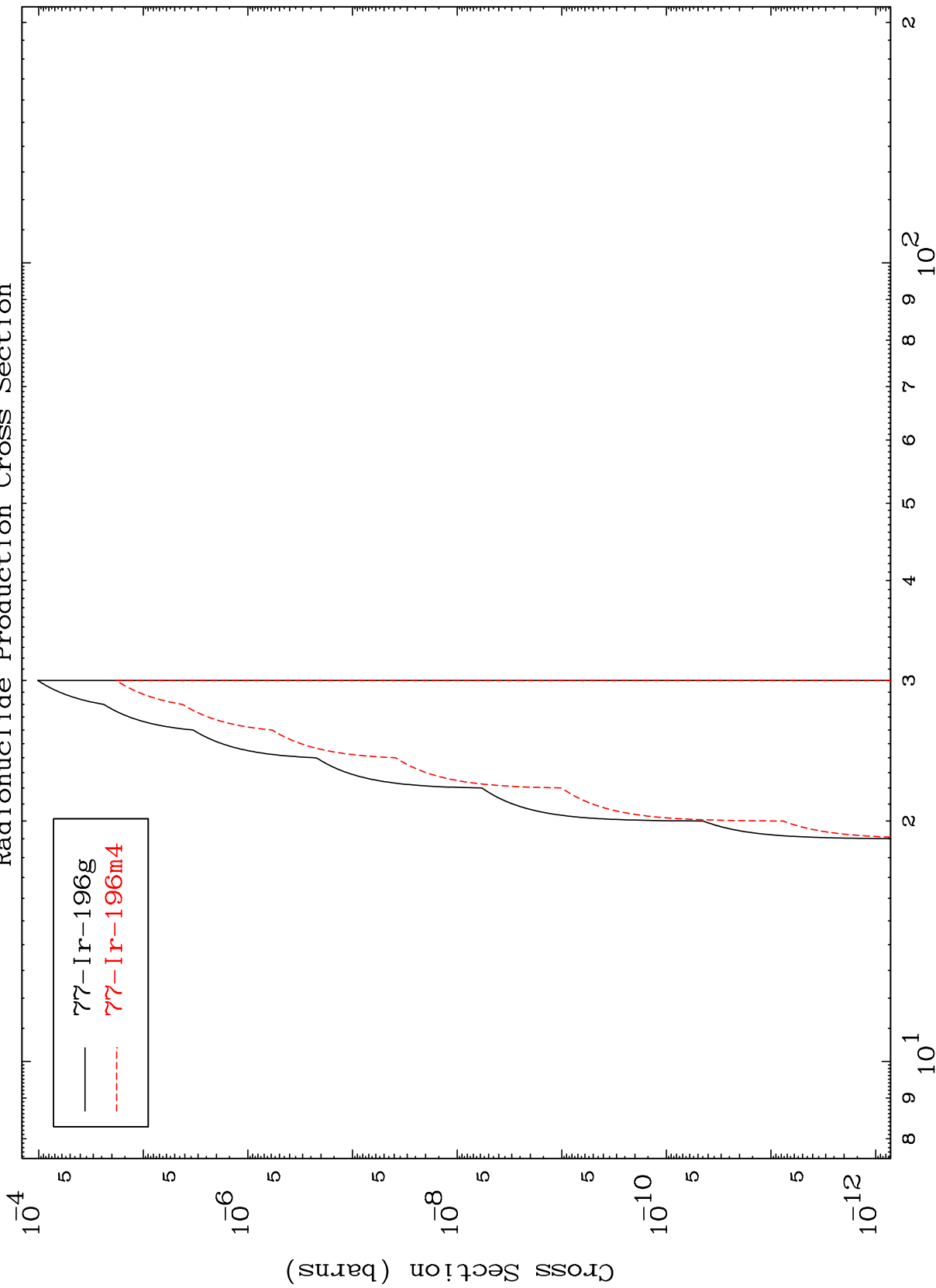
78-Pt-197m



MAT 7847

78-Pt-197m

Radionuclide Production Cross Section
(n,2p)



Incident Energy (MeV)

78-Pt-197m

30