

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

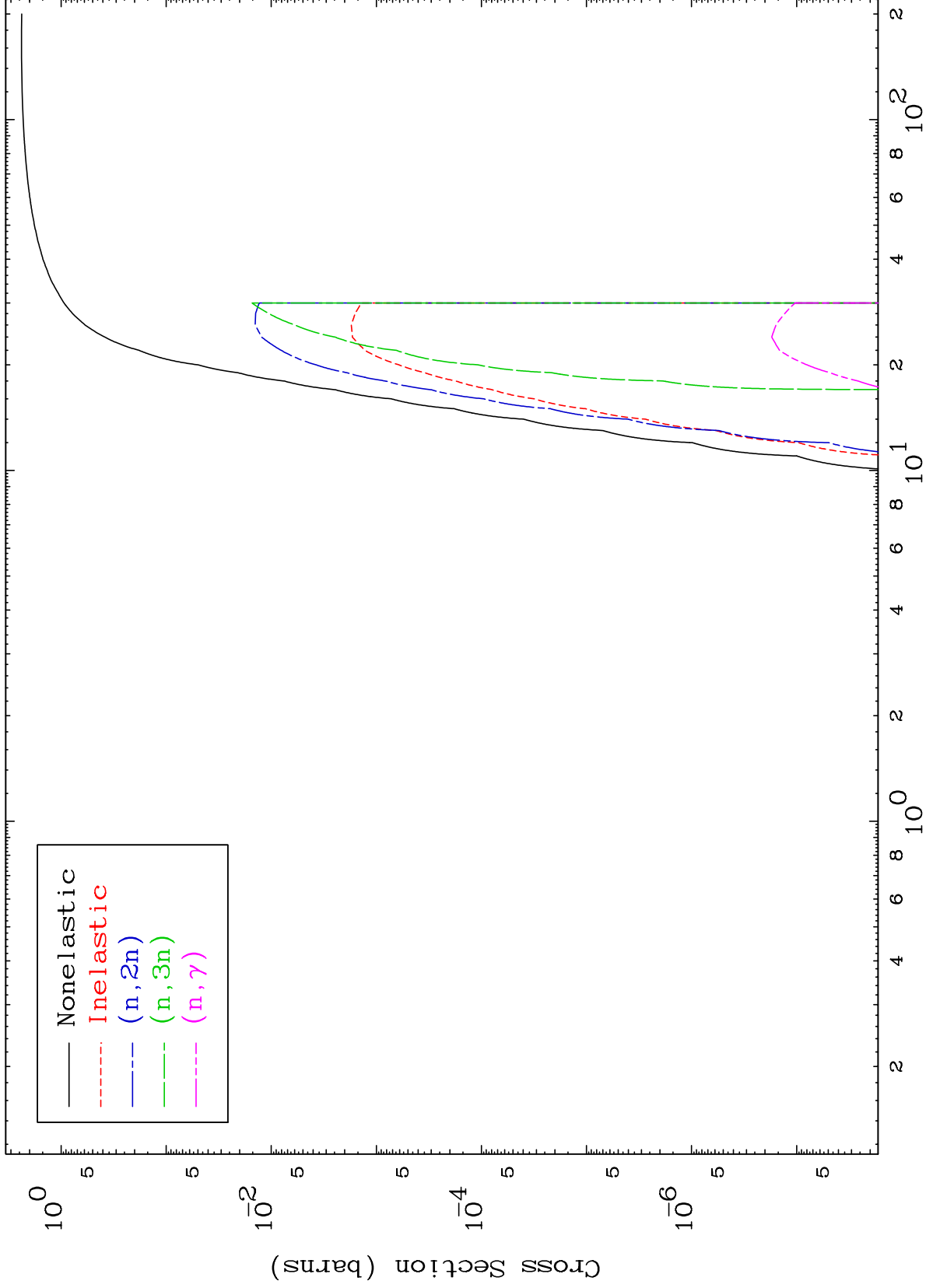
Press Mouse Button to Start

MAT 8023

He-3 Major

80-Hg-195m

0 Kelvin Cross Sections



1

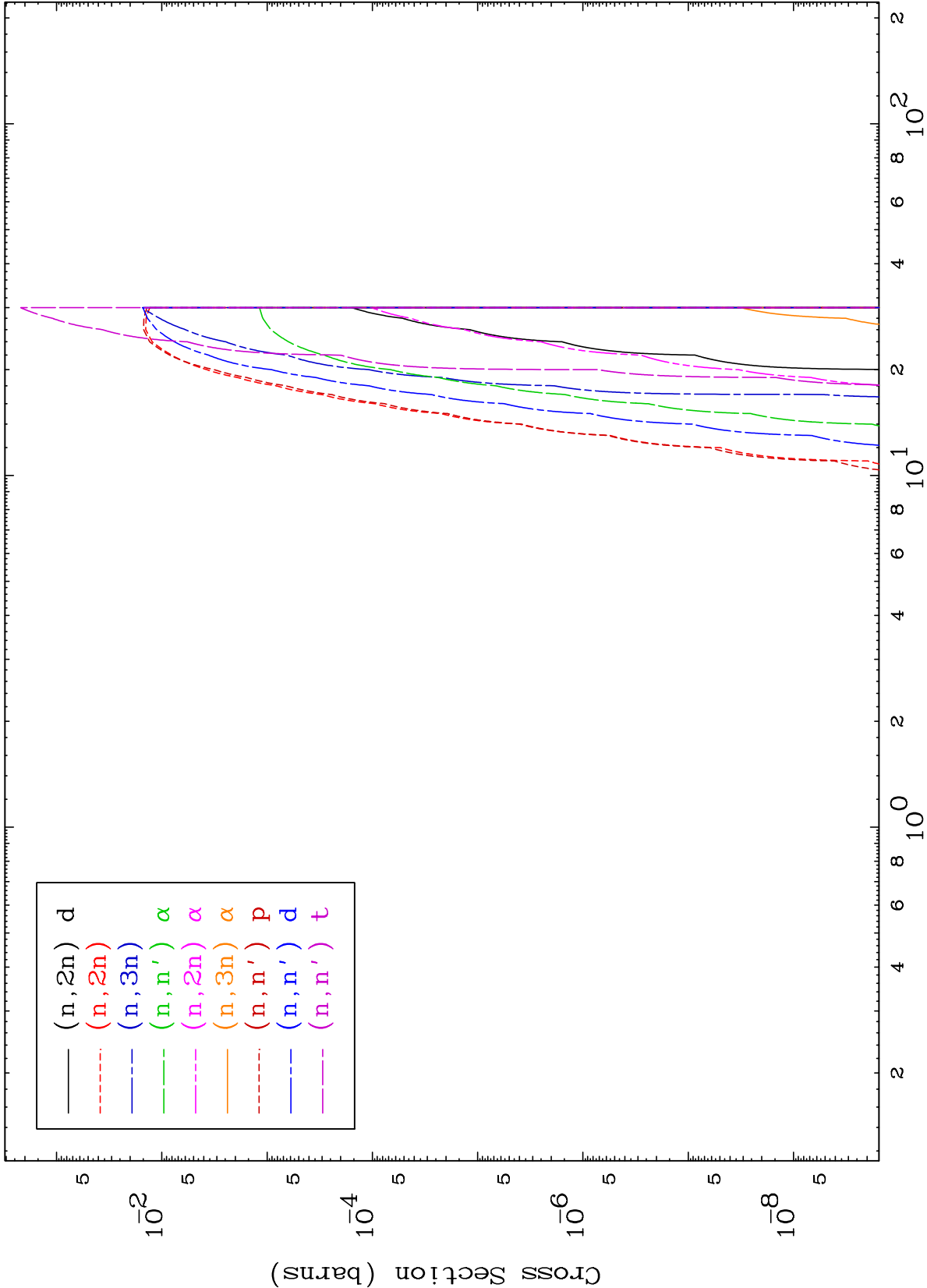
Incident Energy (MeV)

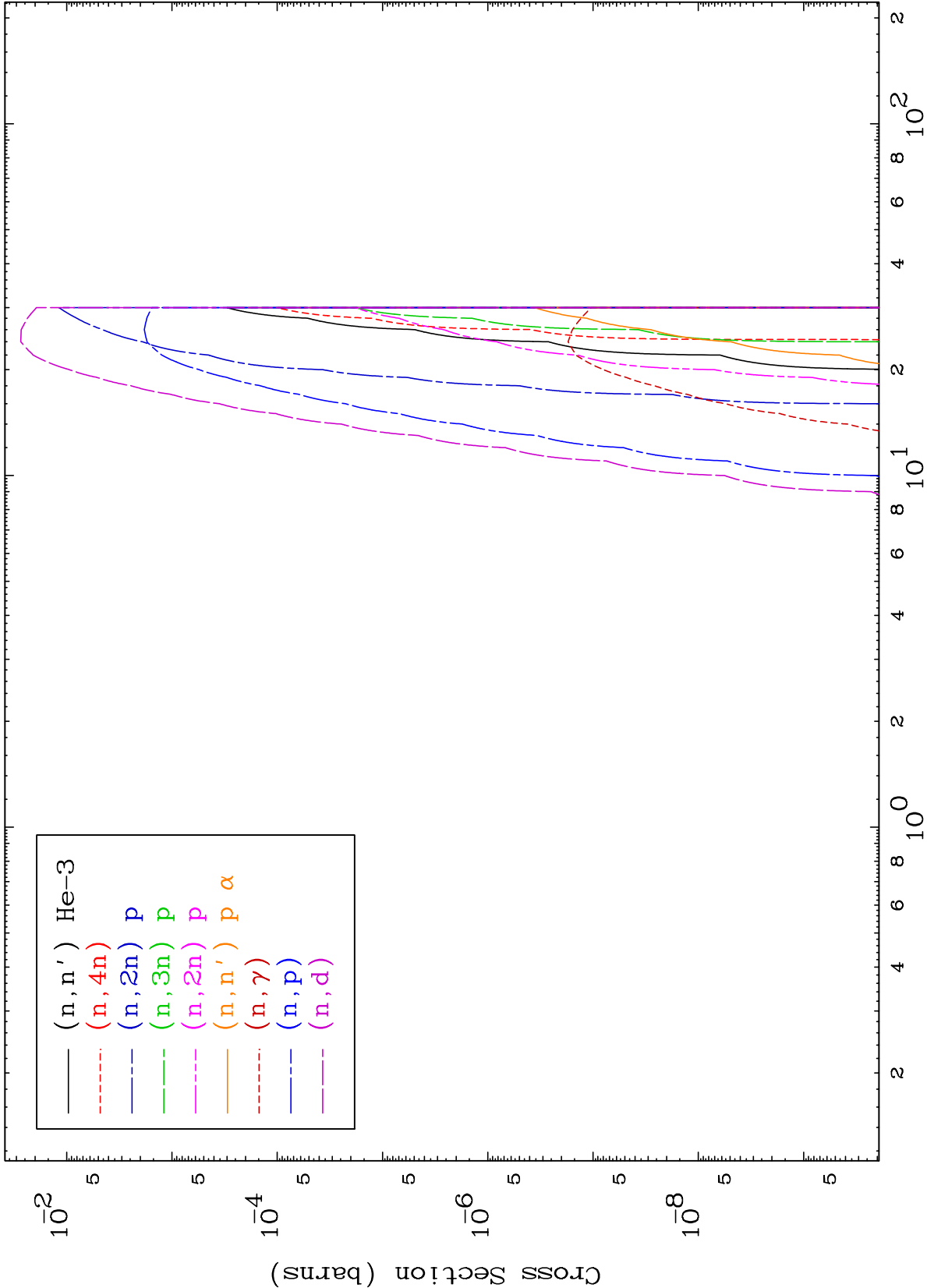
80-Hg-195m

MAT 8023

He-3 Neutron Absorption
0 Kelvin Cross Sections

80-Hg-195m

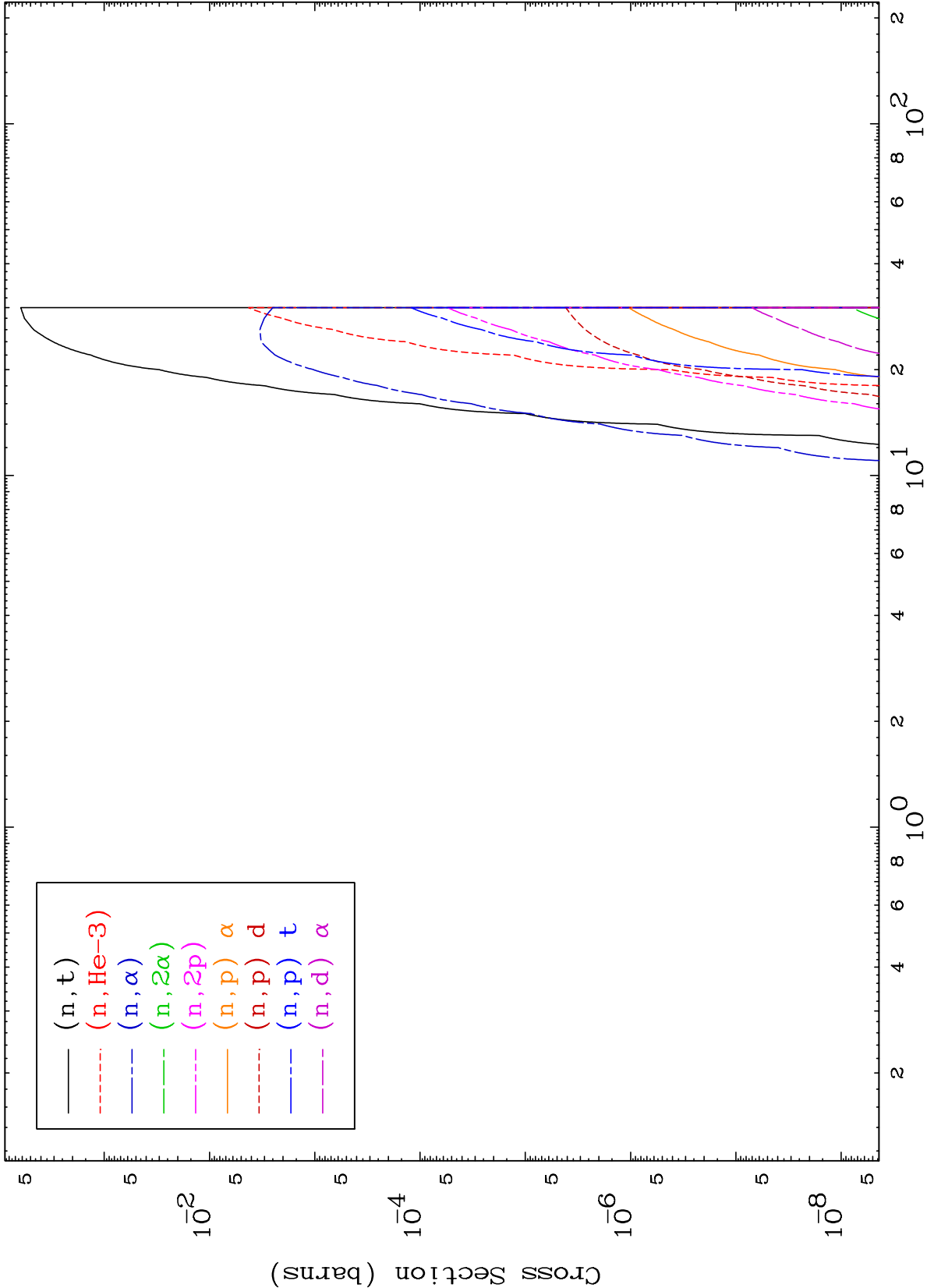


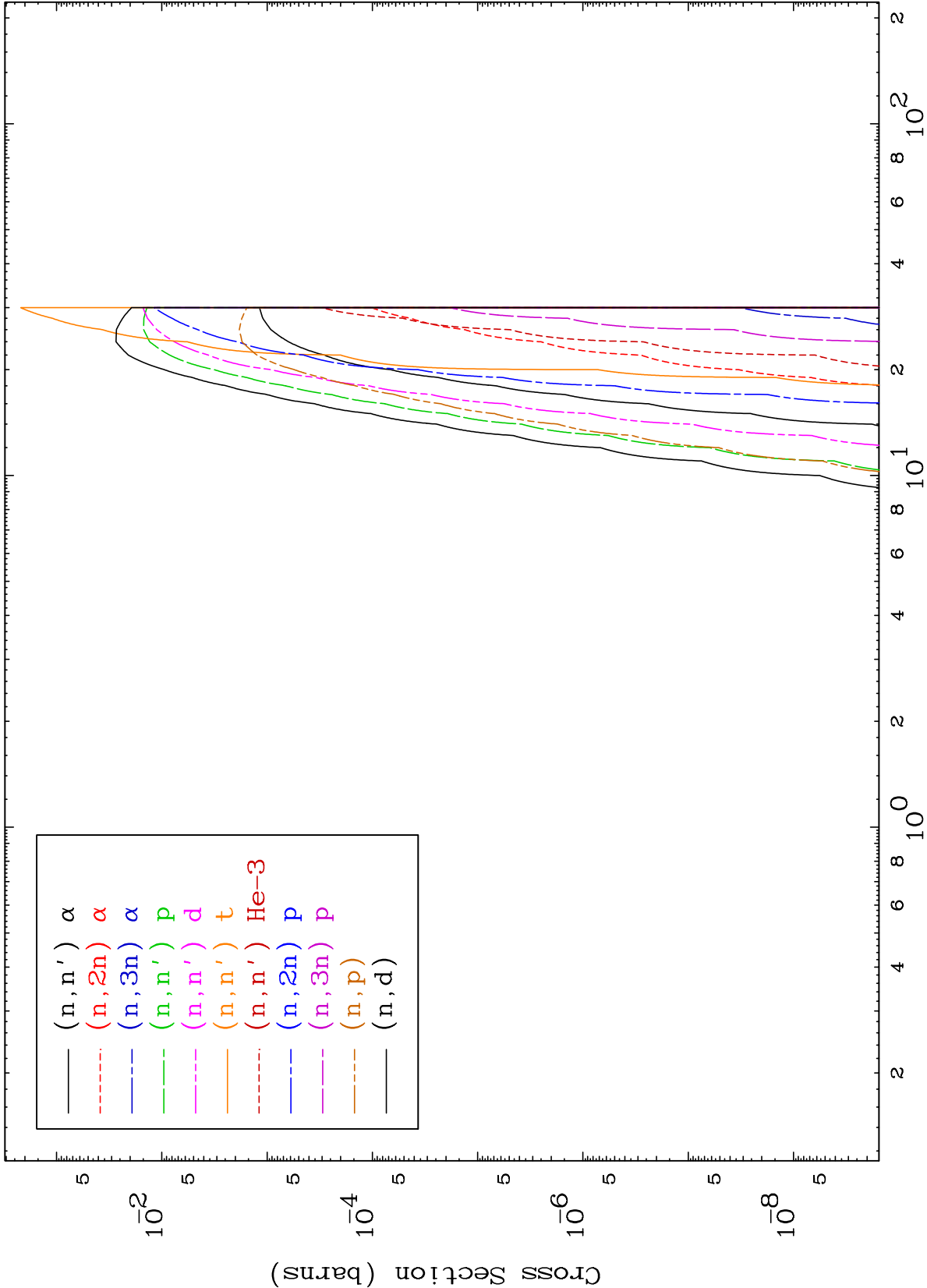


MAT 8023

He-3 Neutron Absorption
0 Kelvin Cross Sections

80-Hg-195m

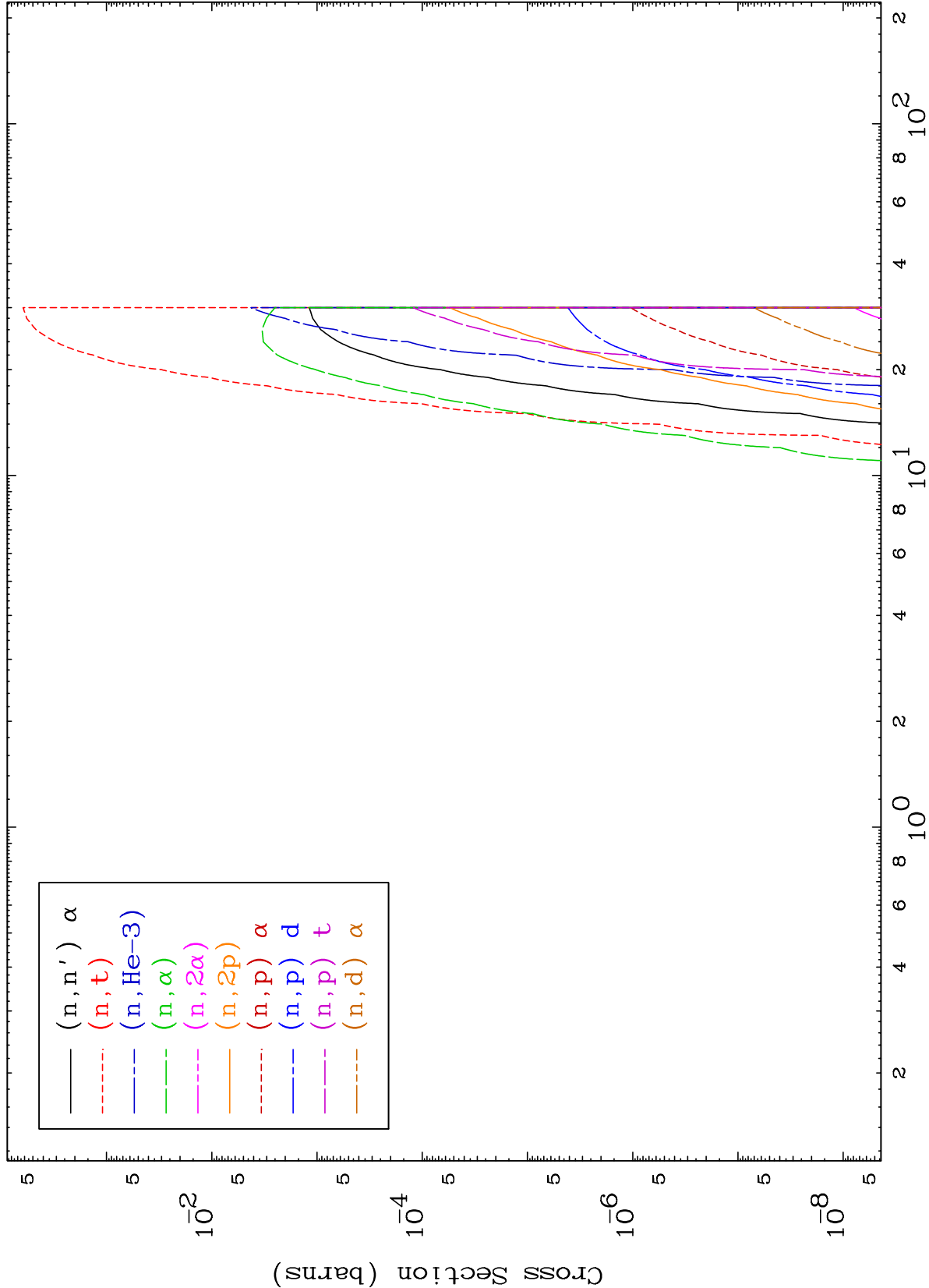




MAT 8023

He-3 Charged Particle
0 Kelvin Cross Sections

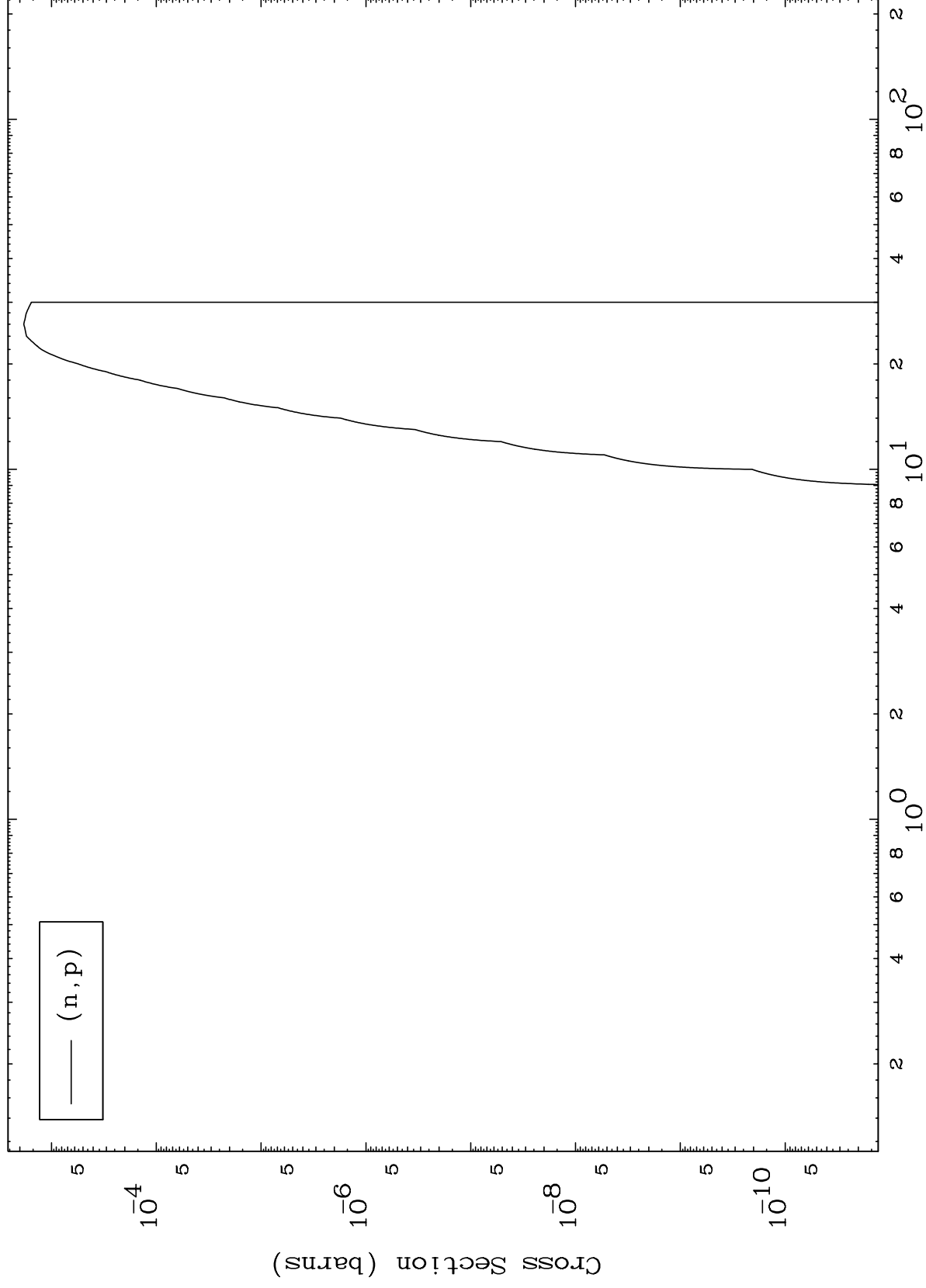
80-Hg-195m



MAT 8023

(He-3,p) Levels
0 Kelvin Cross Sections

80-Hg-195m



7

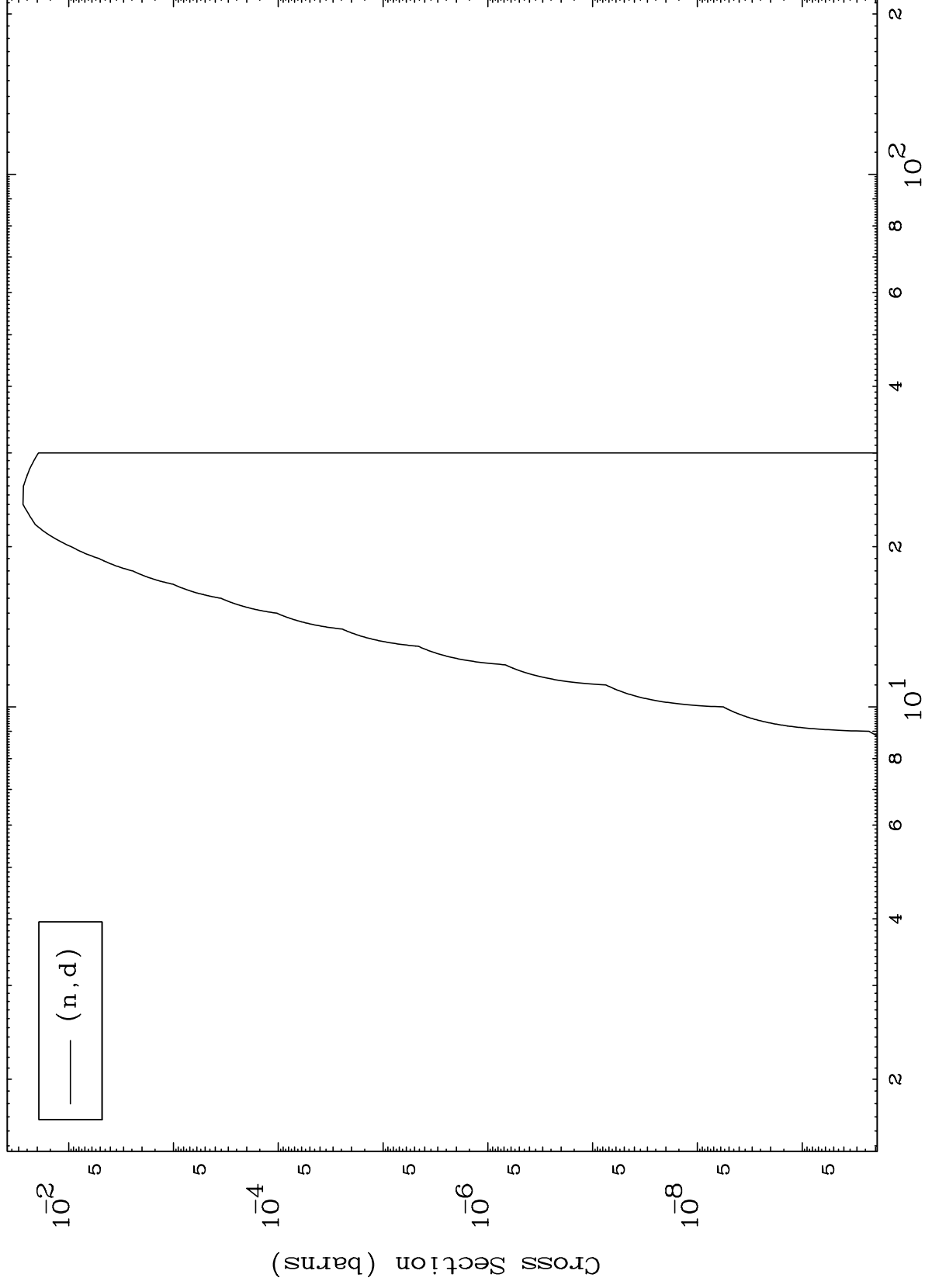
Incident Energy (MeV)

80-Hg-195m

MAT 8023

(He-3,d) Levels
0 Kelvin Cross Sections

80-Hg-195m



8

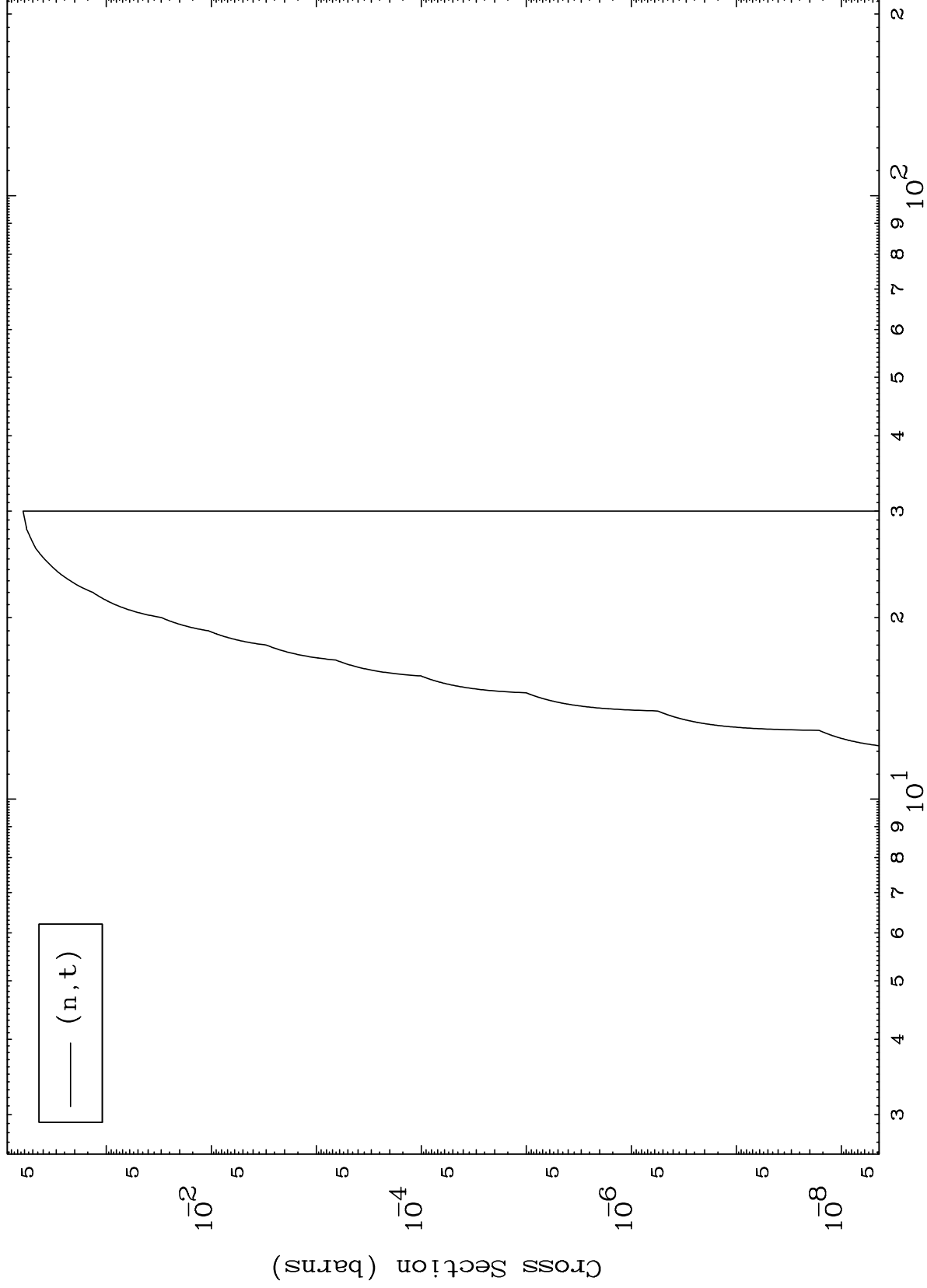
Incident Energy (MeV)

80-Hg-195m

MAT 8023

80-Hg-195m

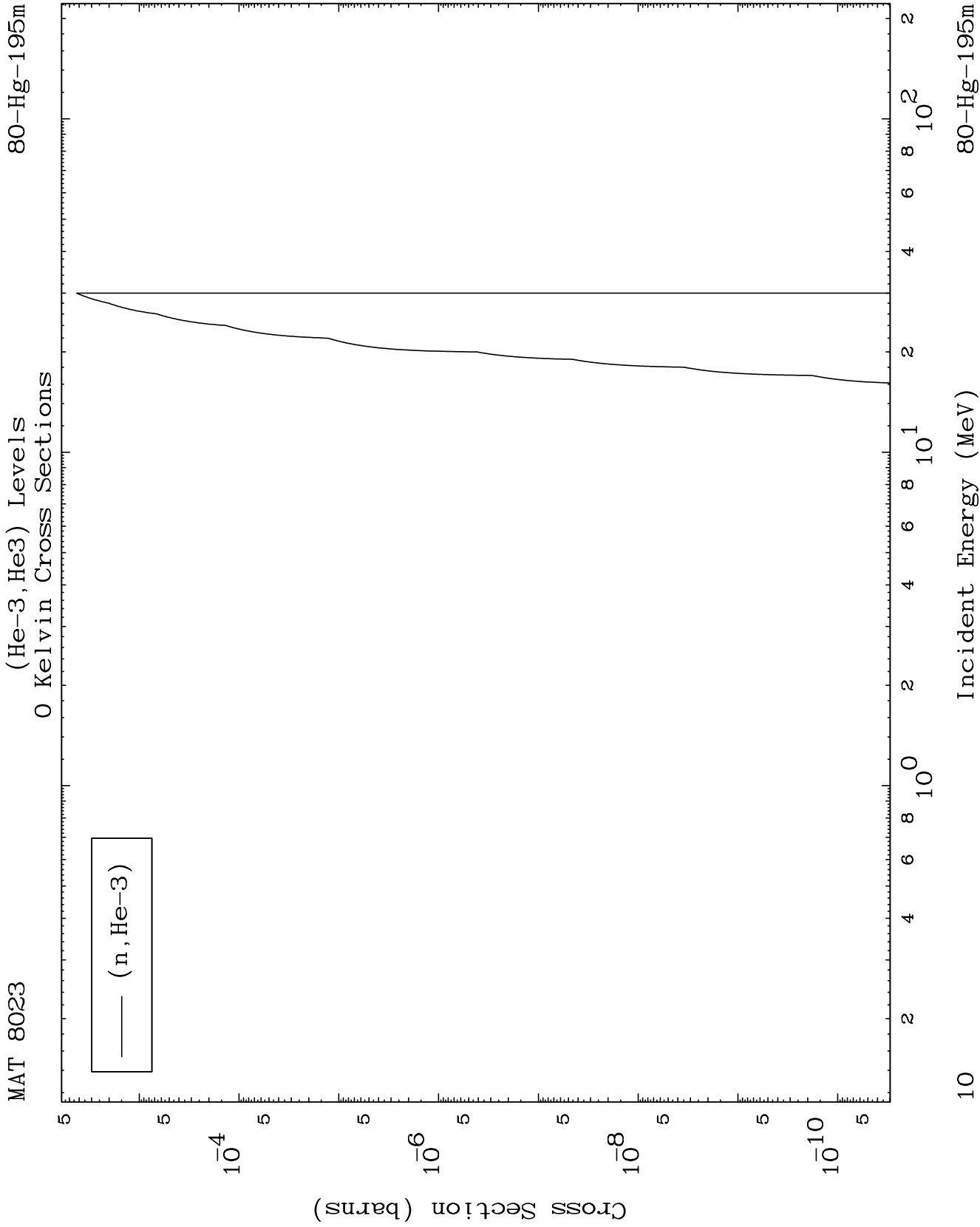
(He-3,t) Levels
0 Kelvin Cross Sections



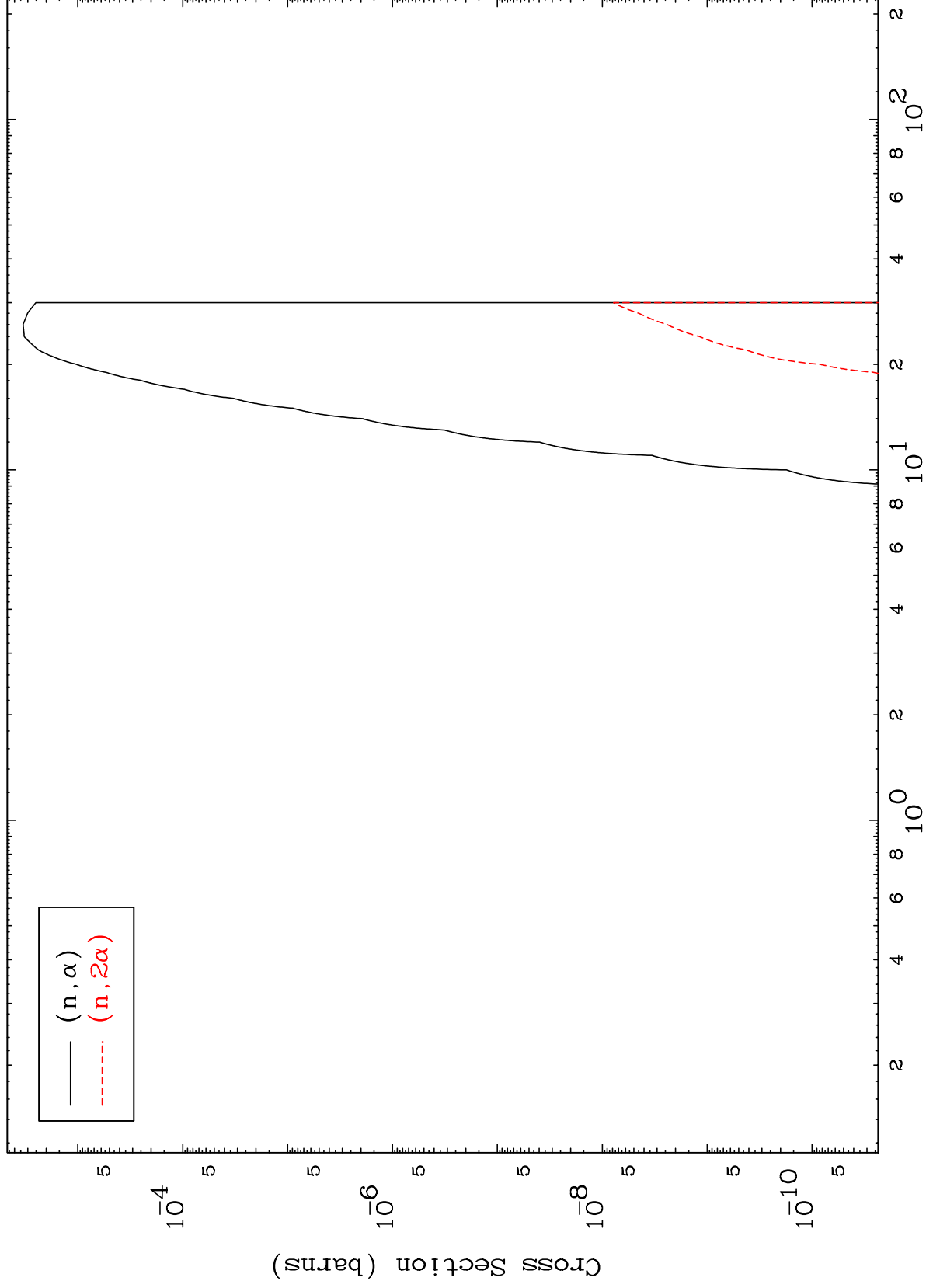
9

Incident Energy (MeV)

80-Hg-195m



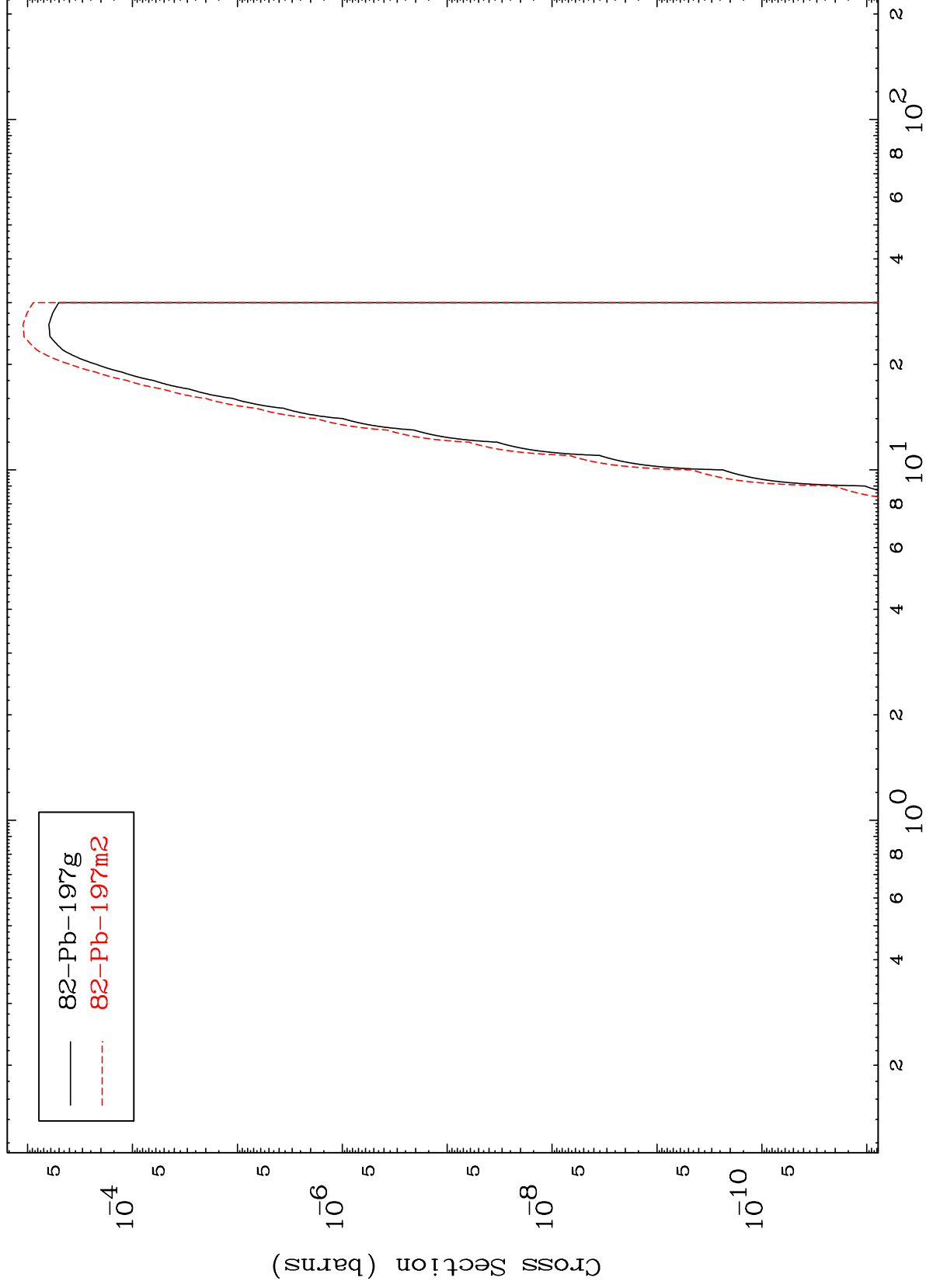
(He-3, α) Levels
0 Kelvin Cross Sections



MAT 8023

Radionuclide Production Cross Section

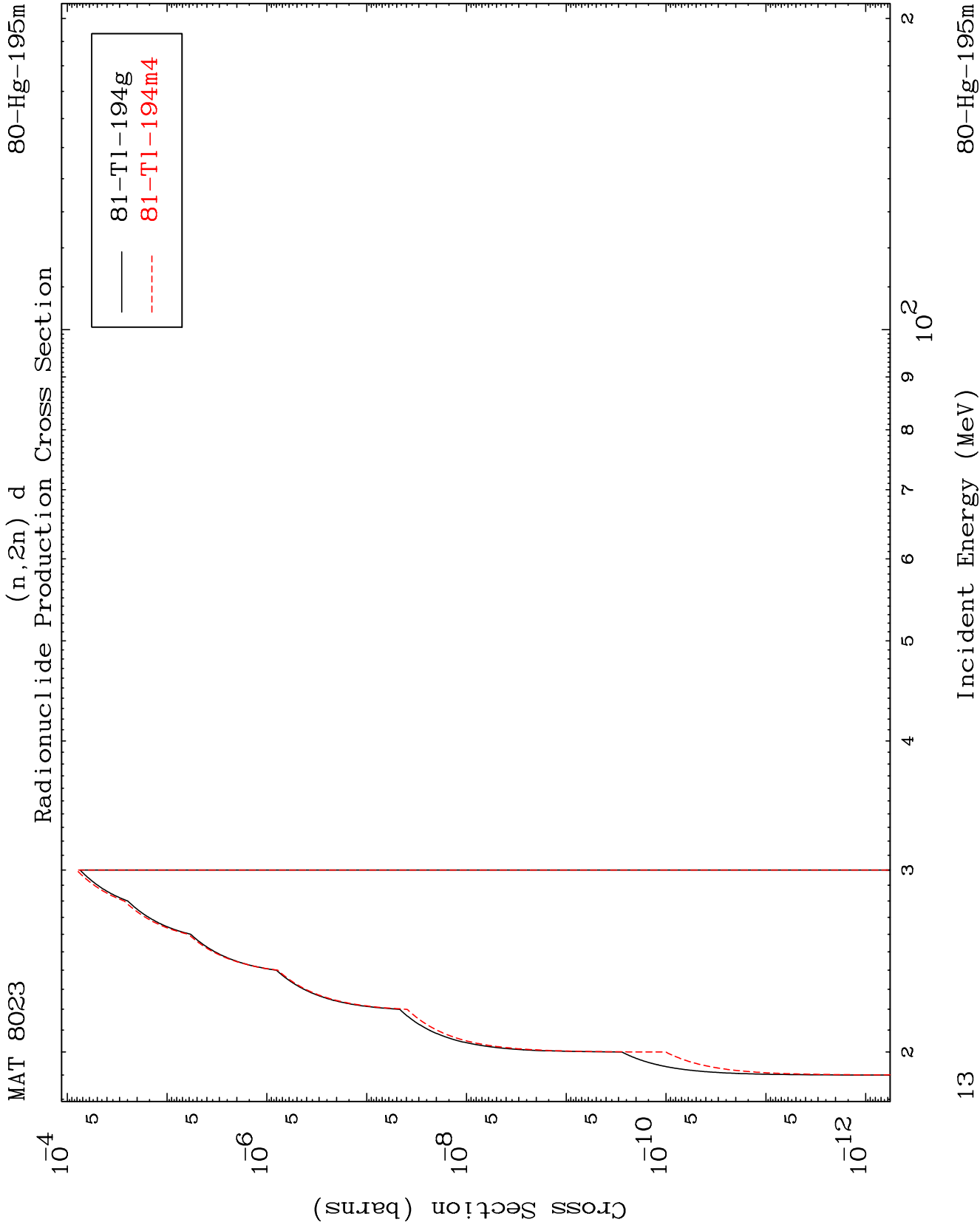
80-Hg-195m

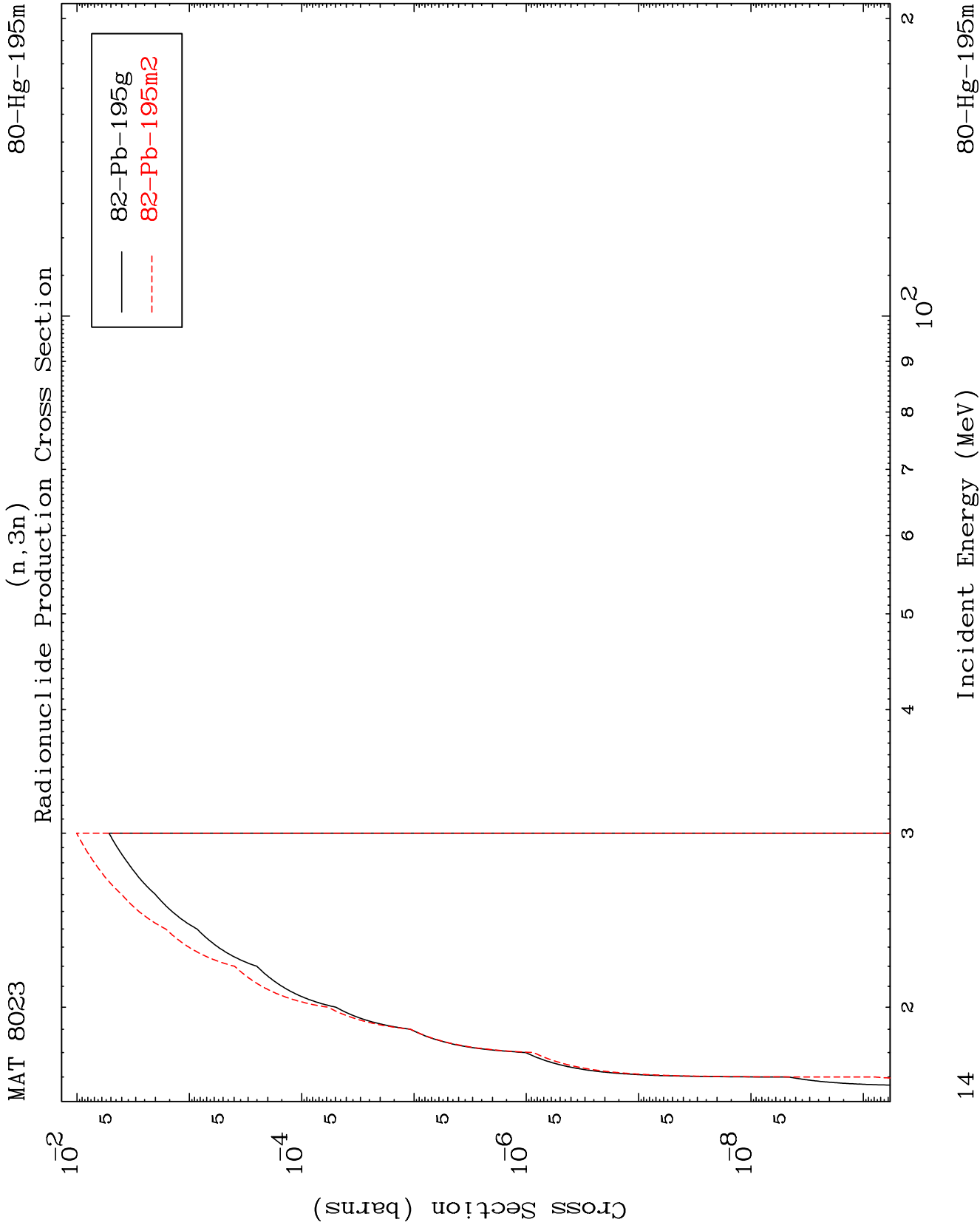


12

Incident Energy (MeV)

80-Hg-195m



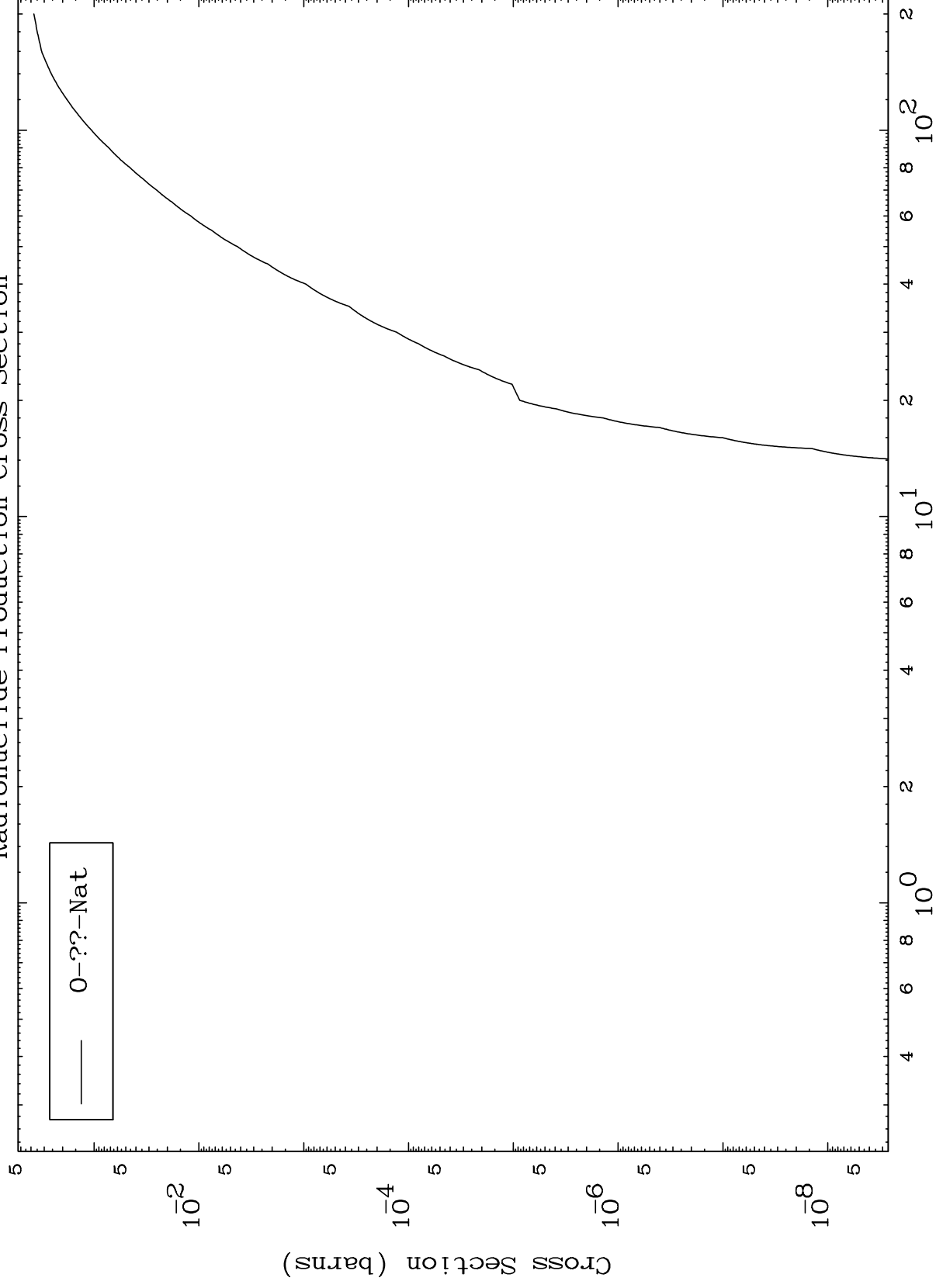


MAT 8023

Fission

80-Hg-195m

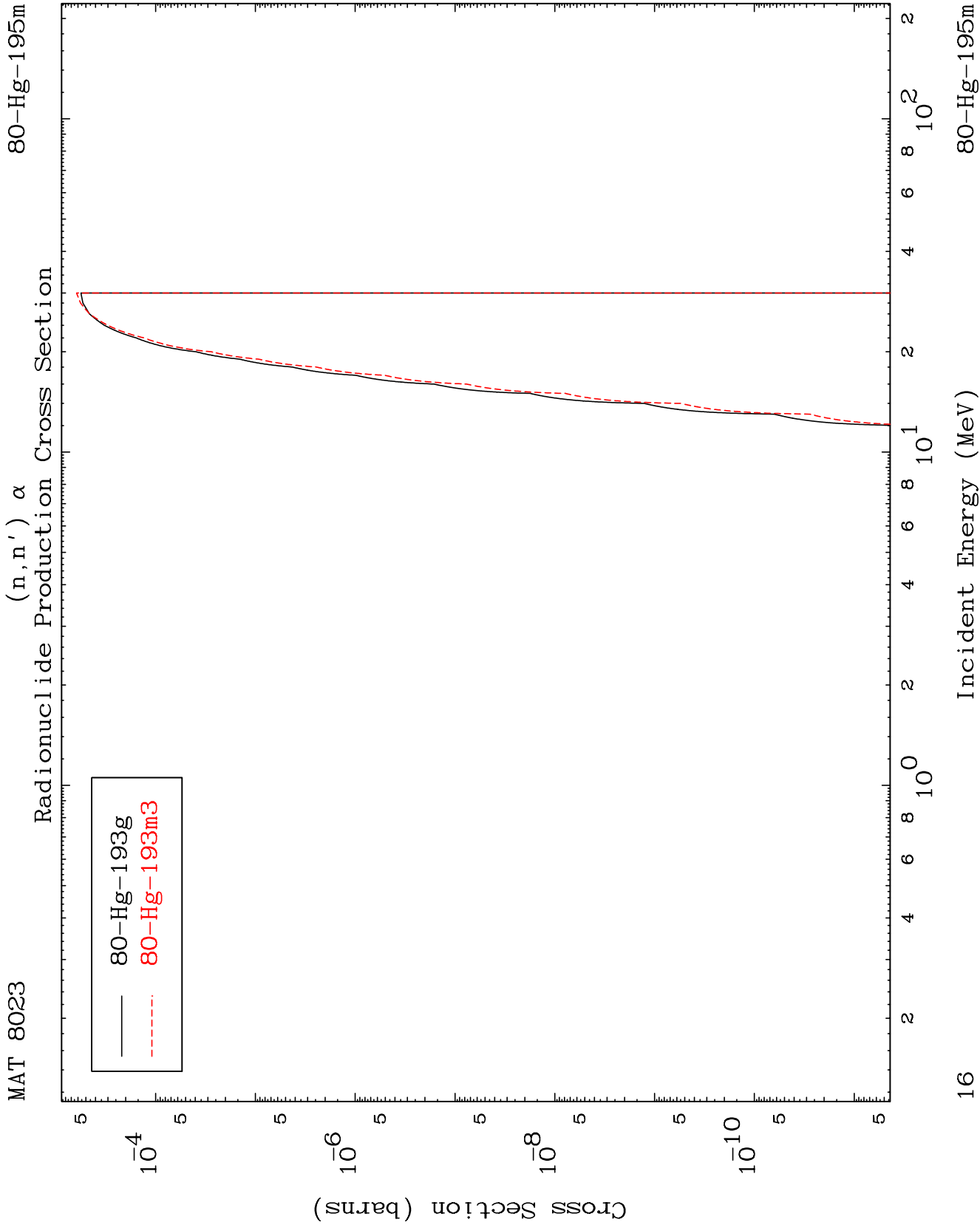
Radionuclide Production Cross Section



15

Incident Energy (MeV)

80-Hg-195m

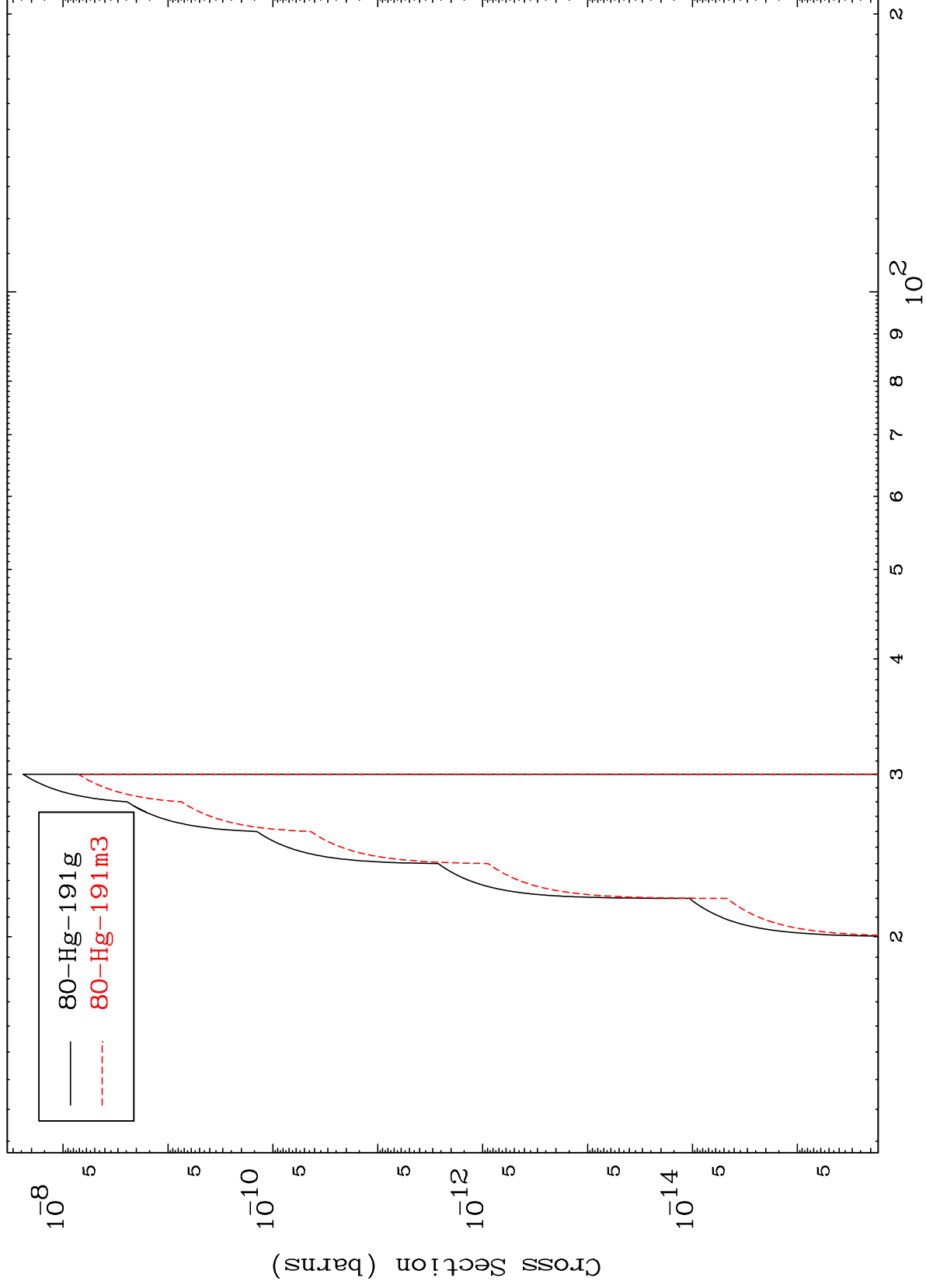


MAT 8023

80-Hg-195m

(n,3n) α

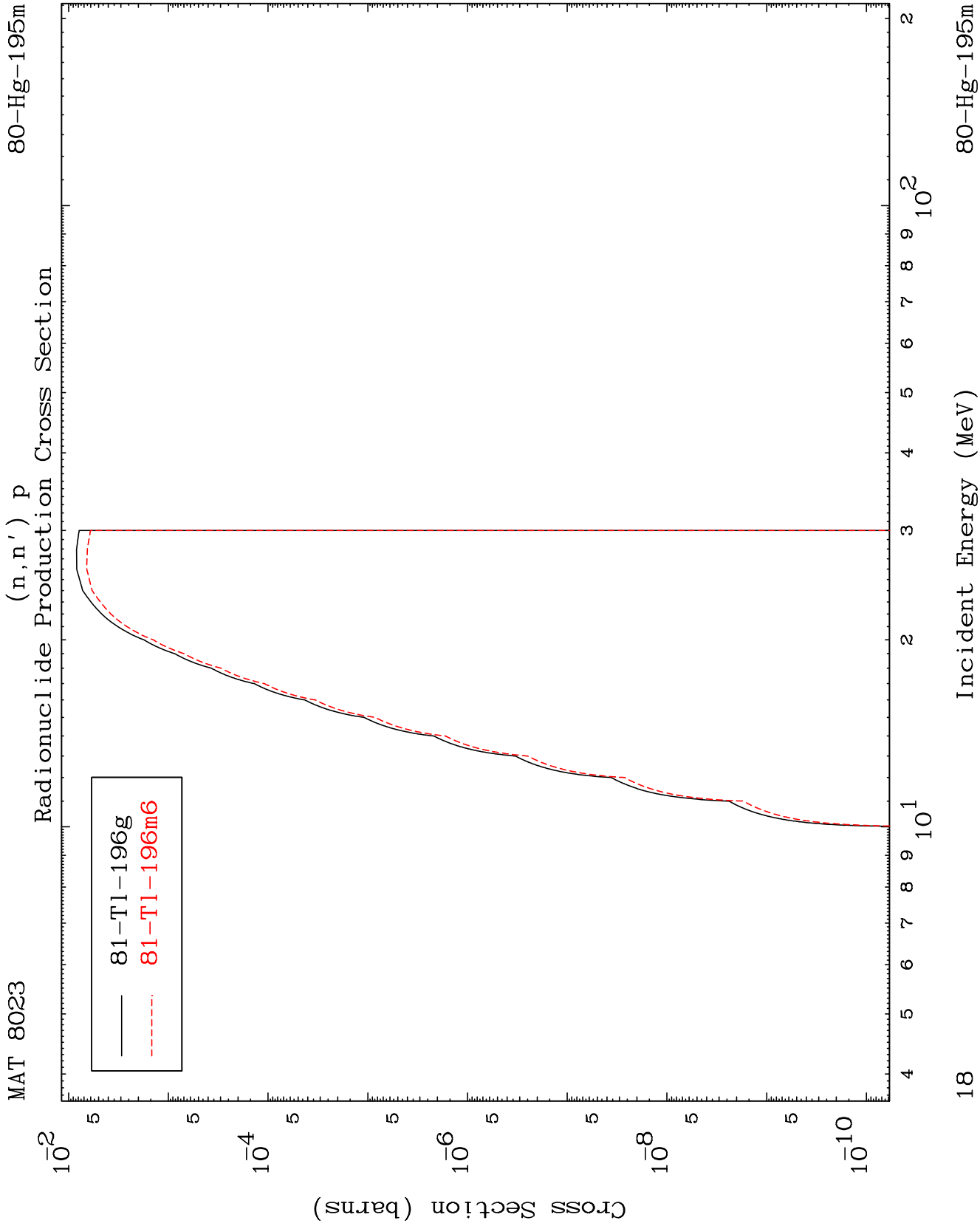
Radionuclide Production Cross Section

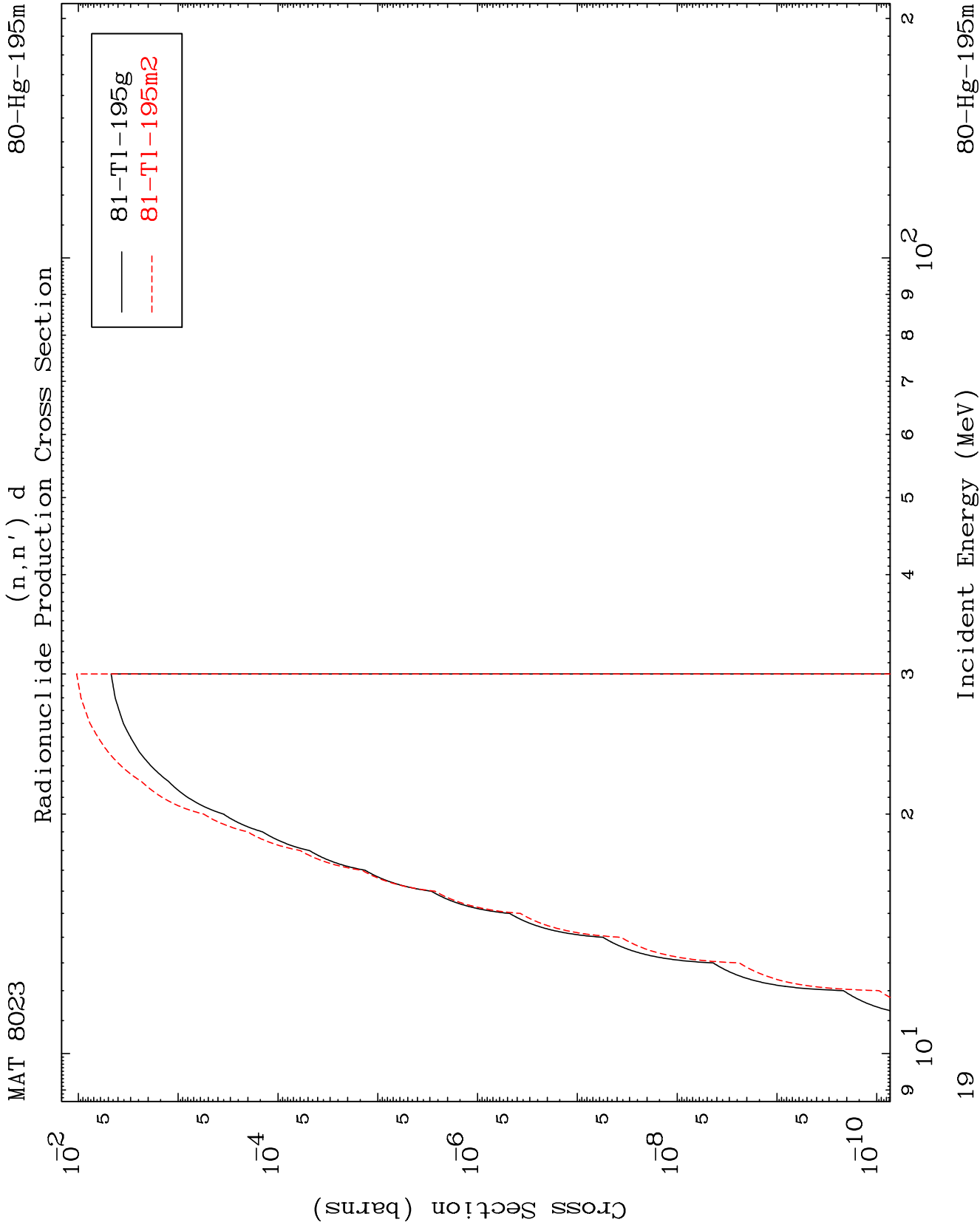


17

Incident Energy (MeV)

80-Hg-195m

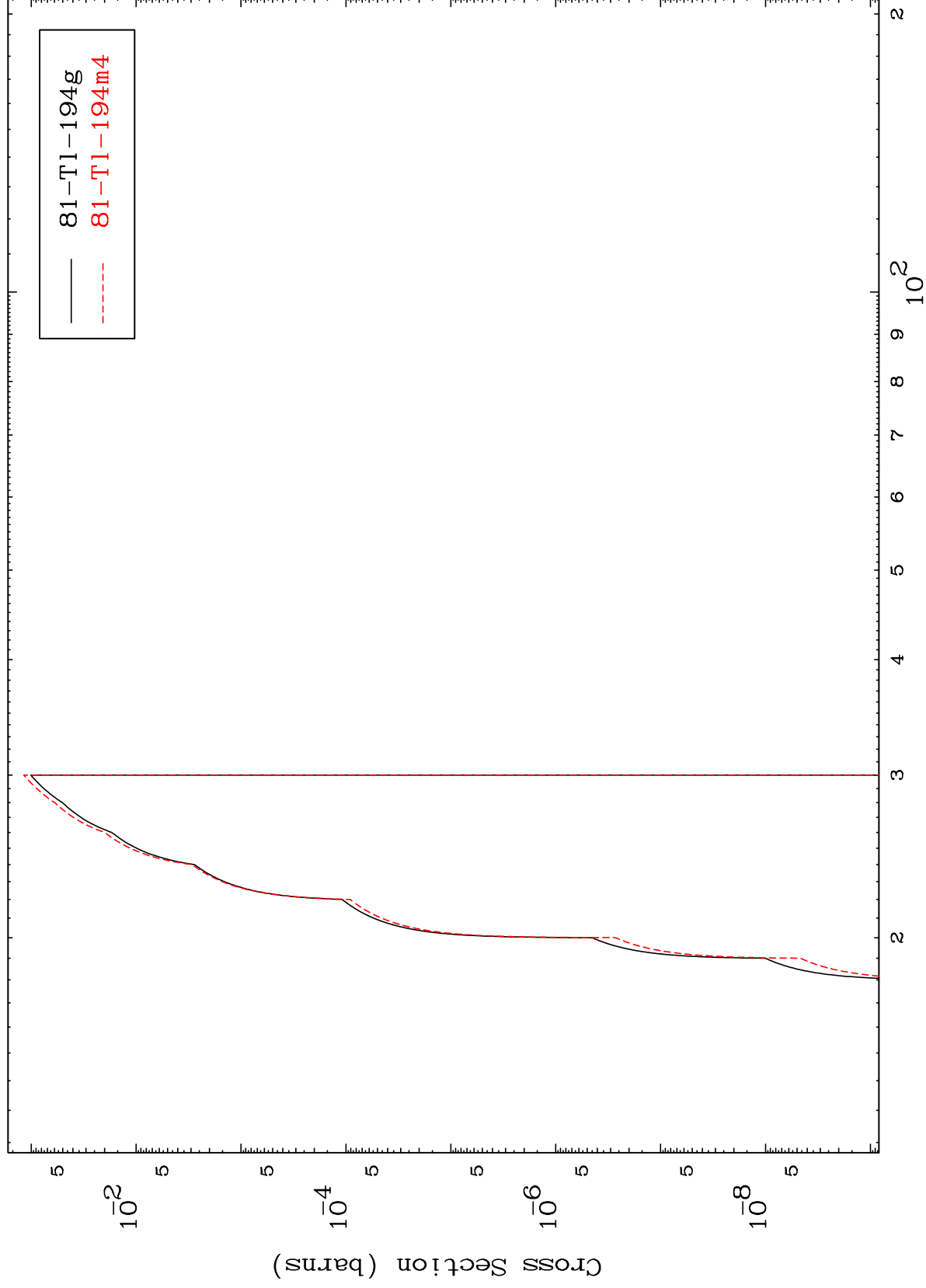




MAT 8023

80-Hg-195m

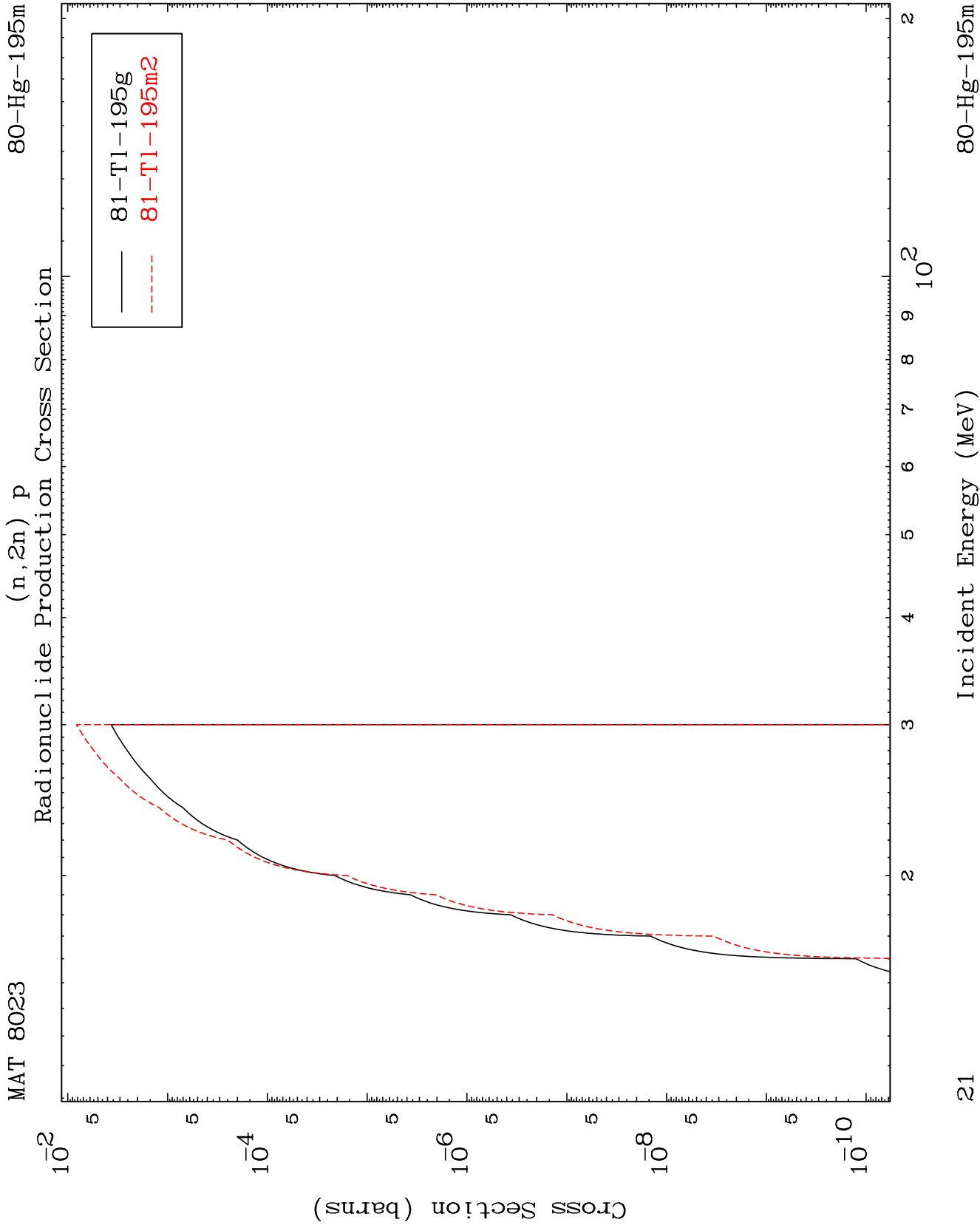
(n,n') t
Radionuclide Production Cross Section



20

Incident Energy (MeV)

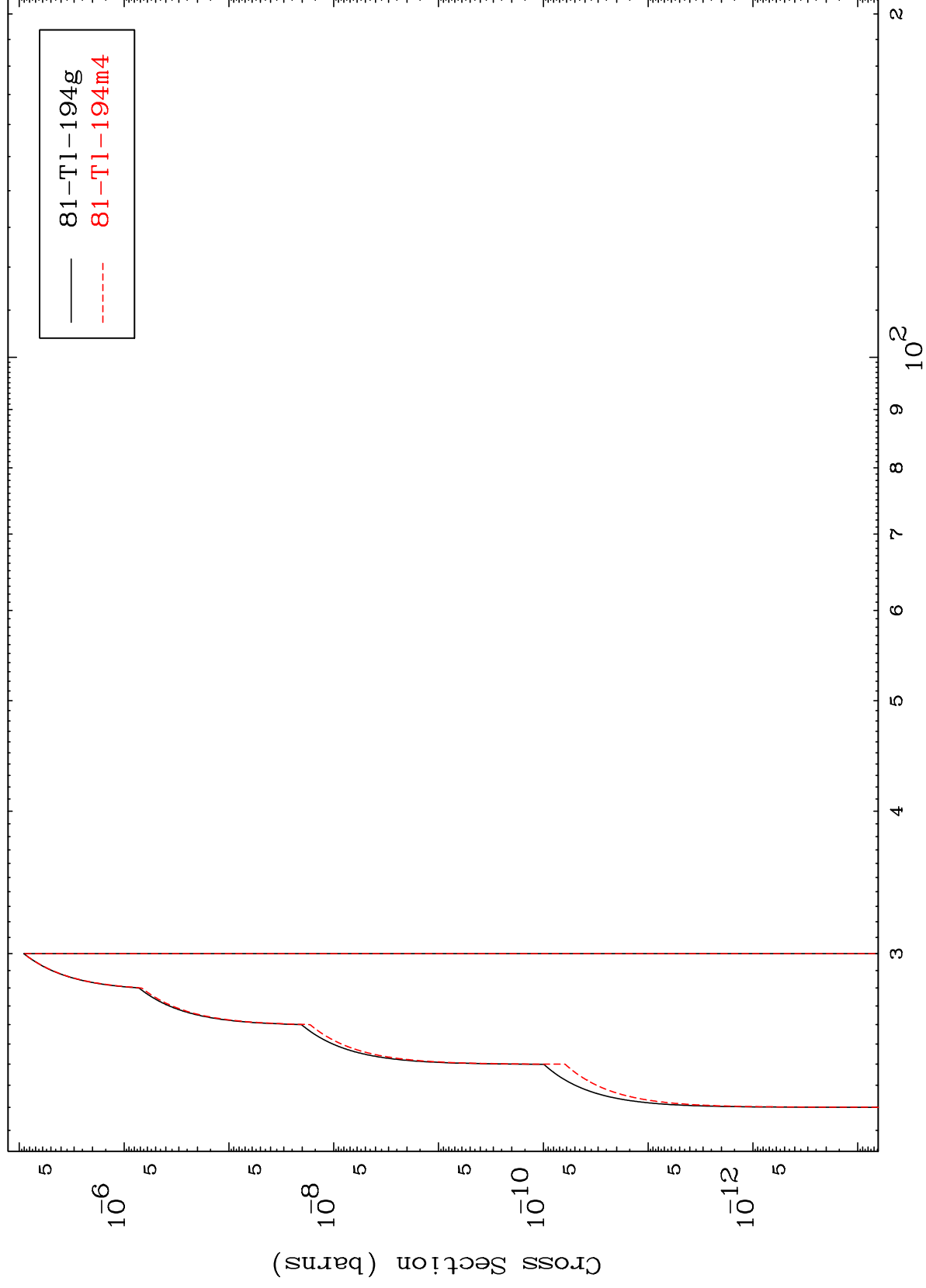
80-Hg-195m



MAT 8023

80-Hg-195m

(n,3n) p
Radionuclide Production Cross Section



22

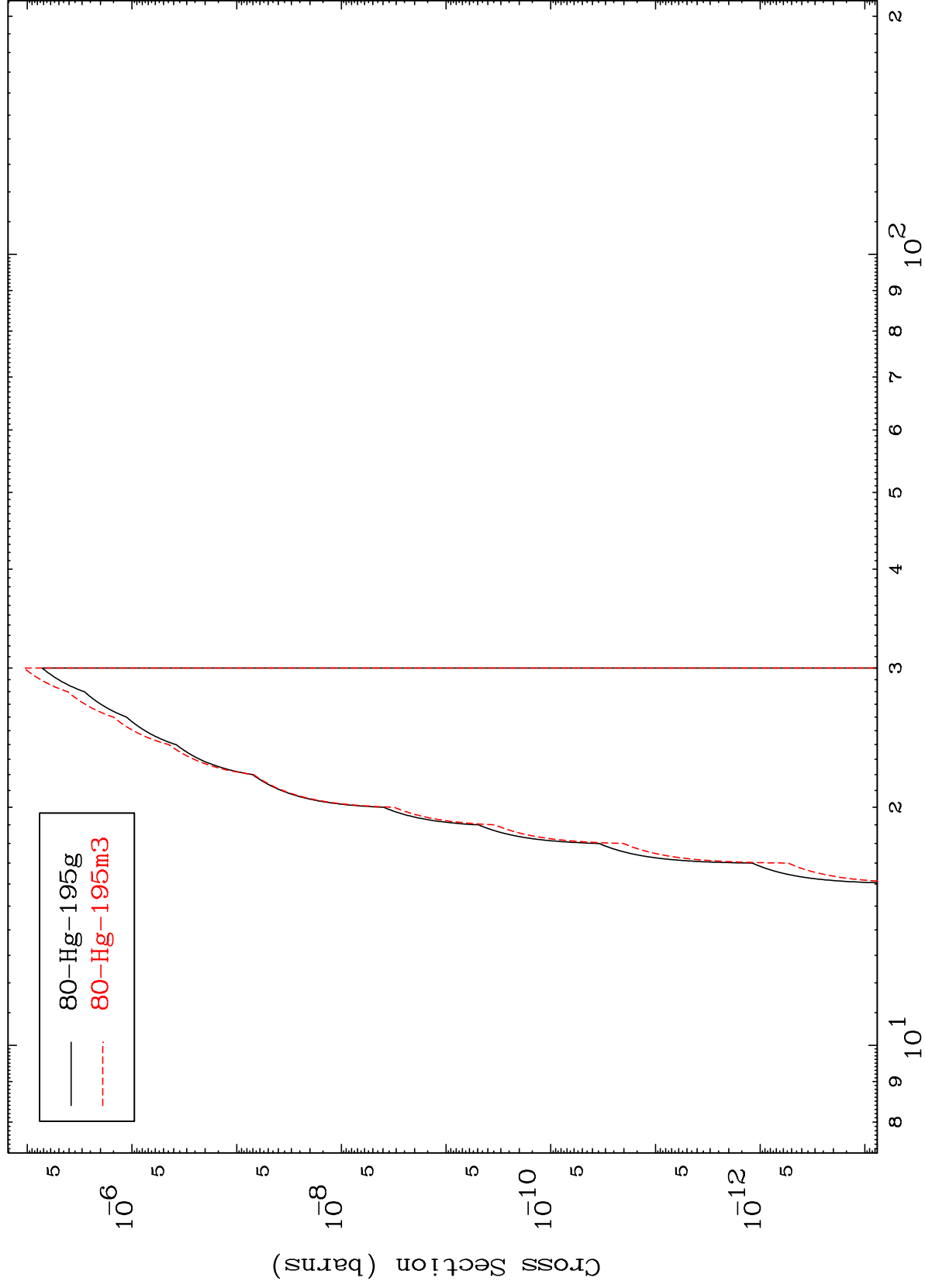
Incident Energy (MeV)

80-Hg-195m

MAT 8023

80-Hg-195m

(n,2n) p
Radionuclide Production Cross Section



23

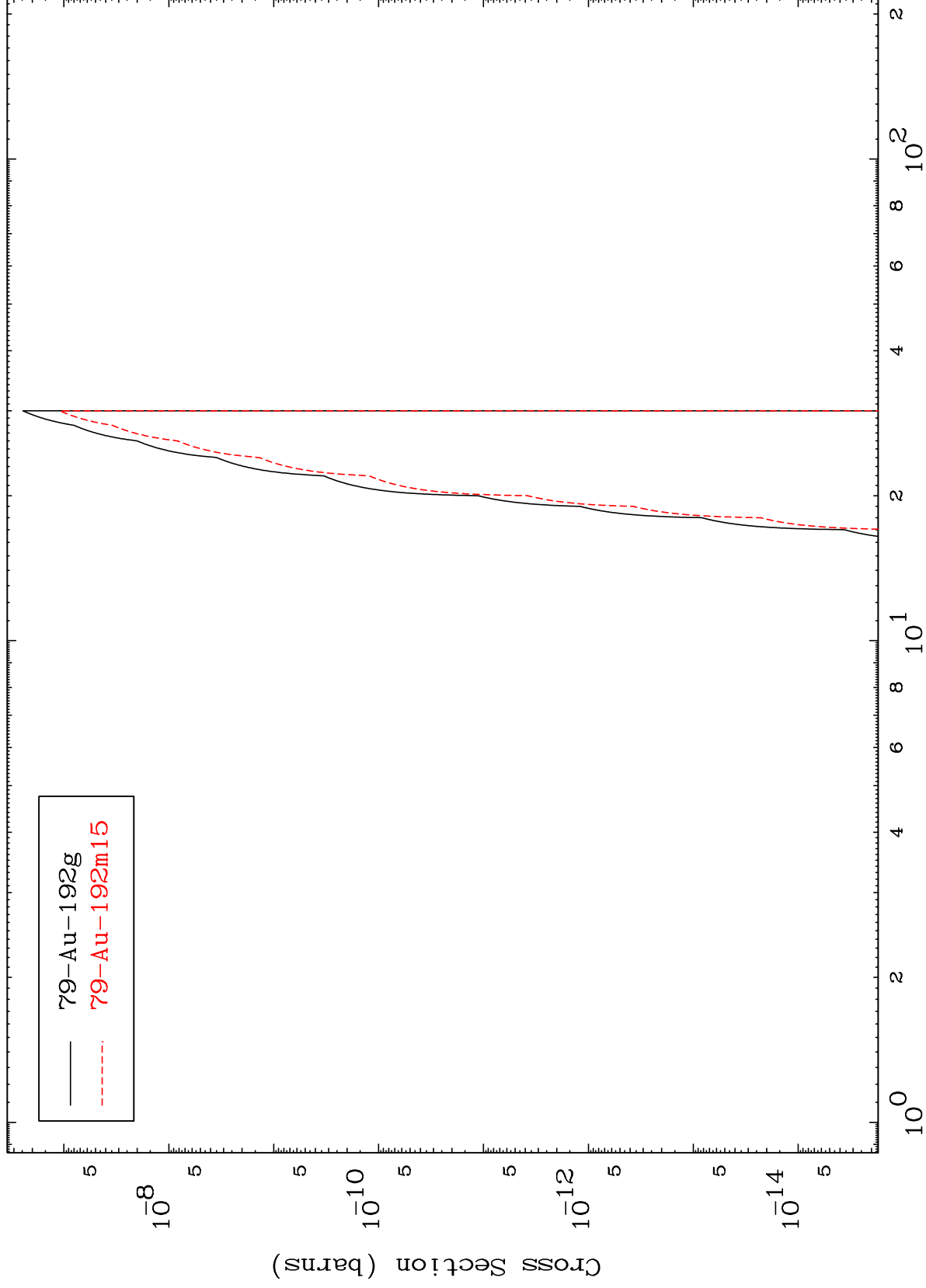
Incident Energy (MeV)

80-Hg-195m

MAT 8023

80-Hg-195m

(n,n') p α
Radionuclide Production Cross Section



80-Hg-195m

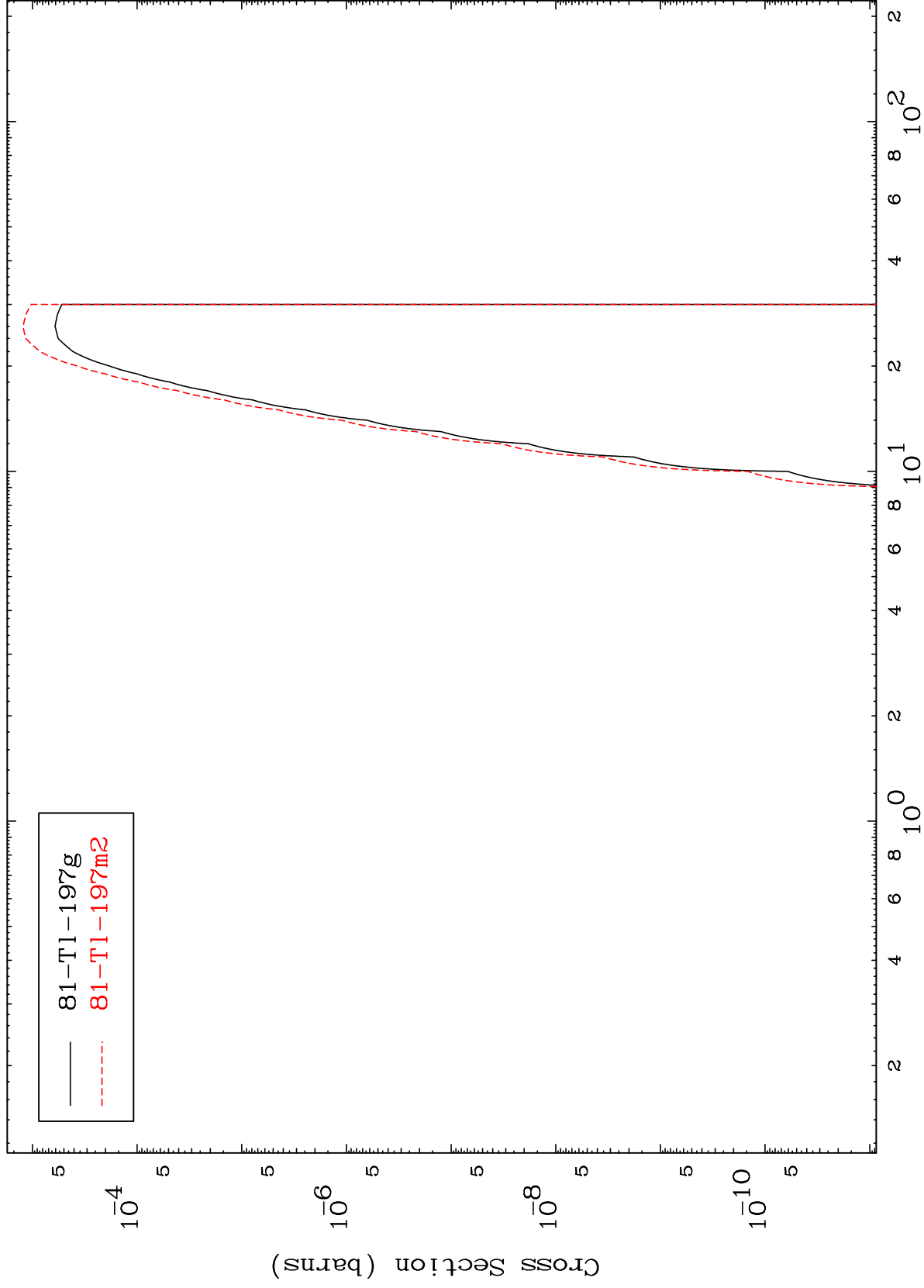
Incident Energy (MeV)

24

MAT 8023

80-Hg-195m

Radionuclide Production Cross Section



25

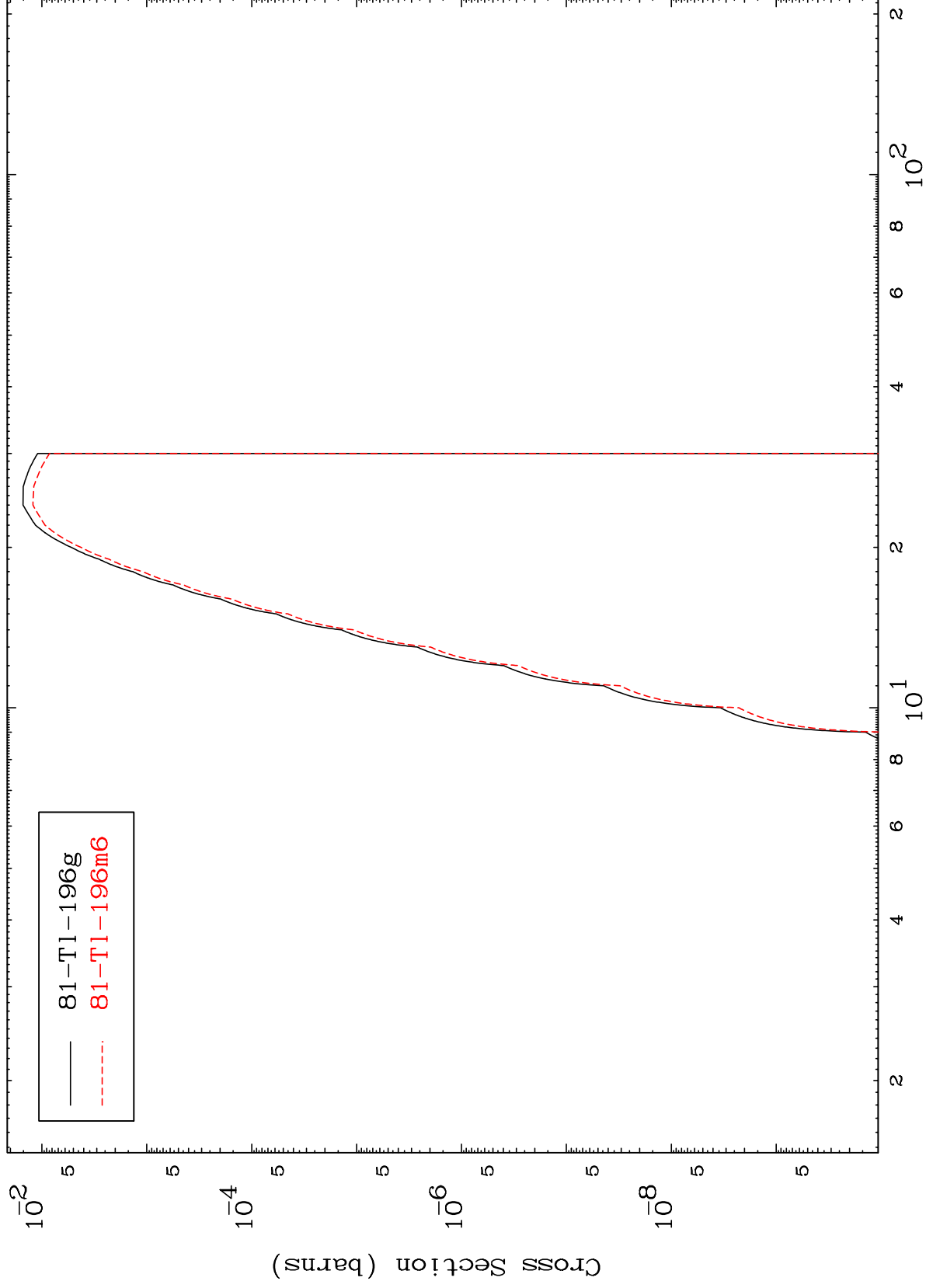
Incident Energy (MeV)

80-Hg-195m

MAT 8023

80-Hg-195m

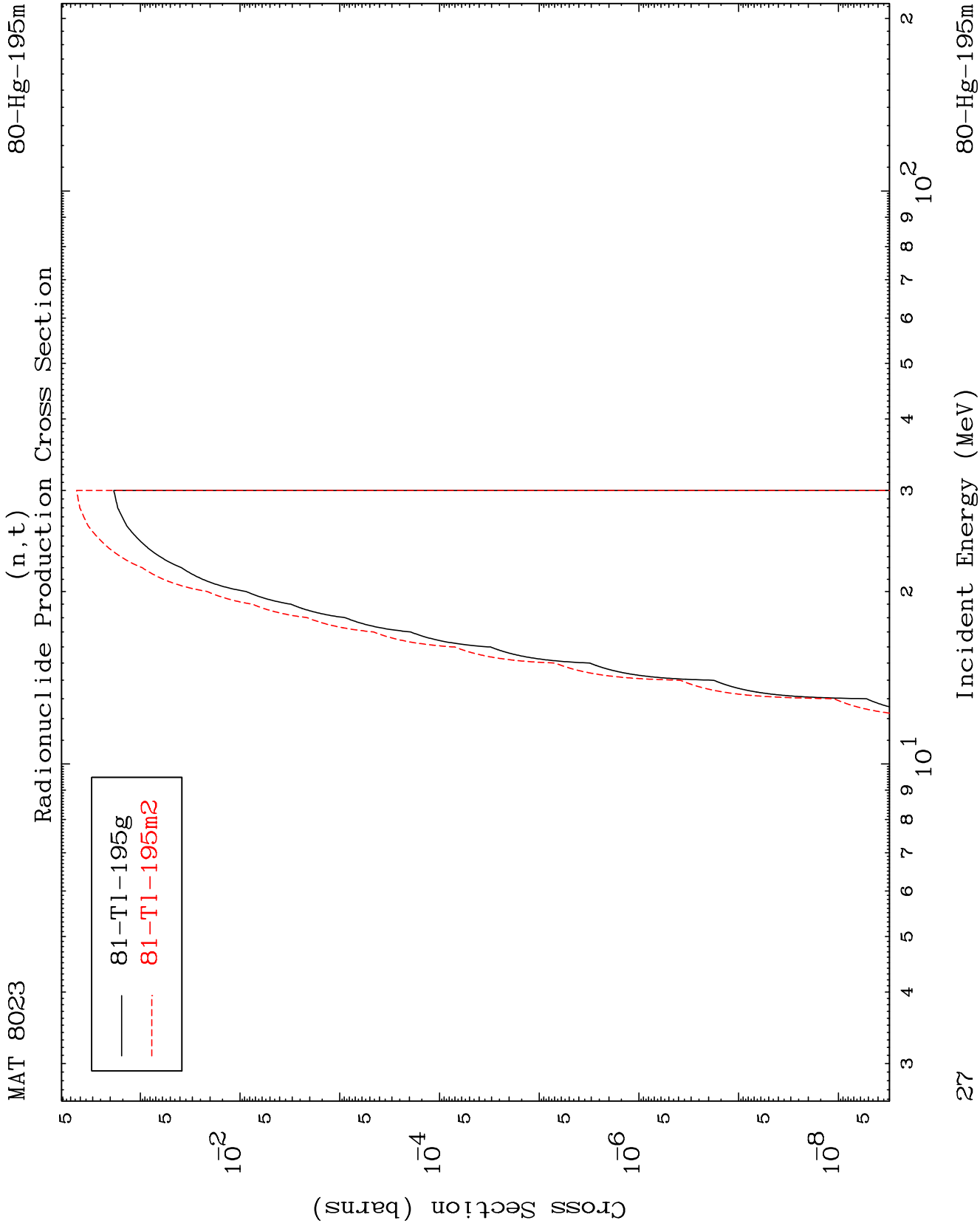
(n,d)
Radionuclide Production Cross Section

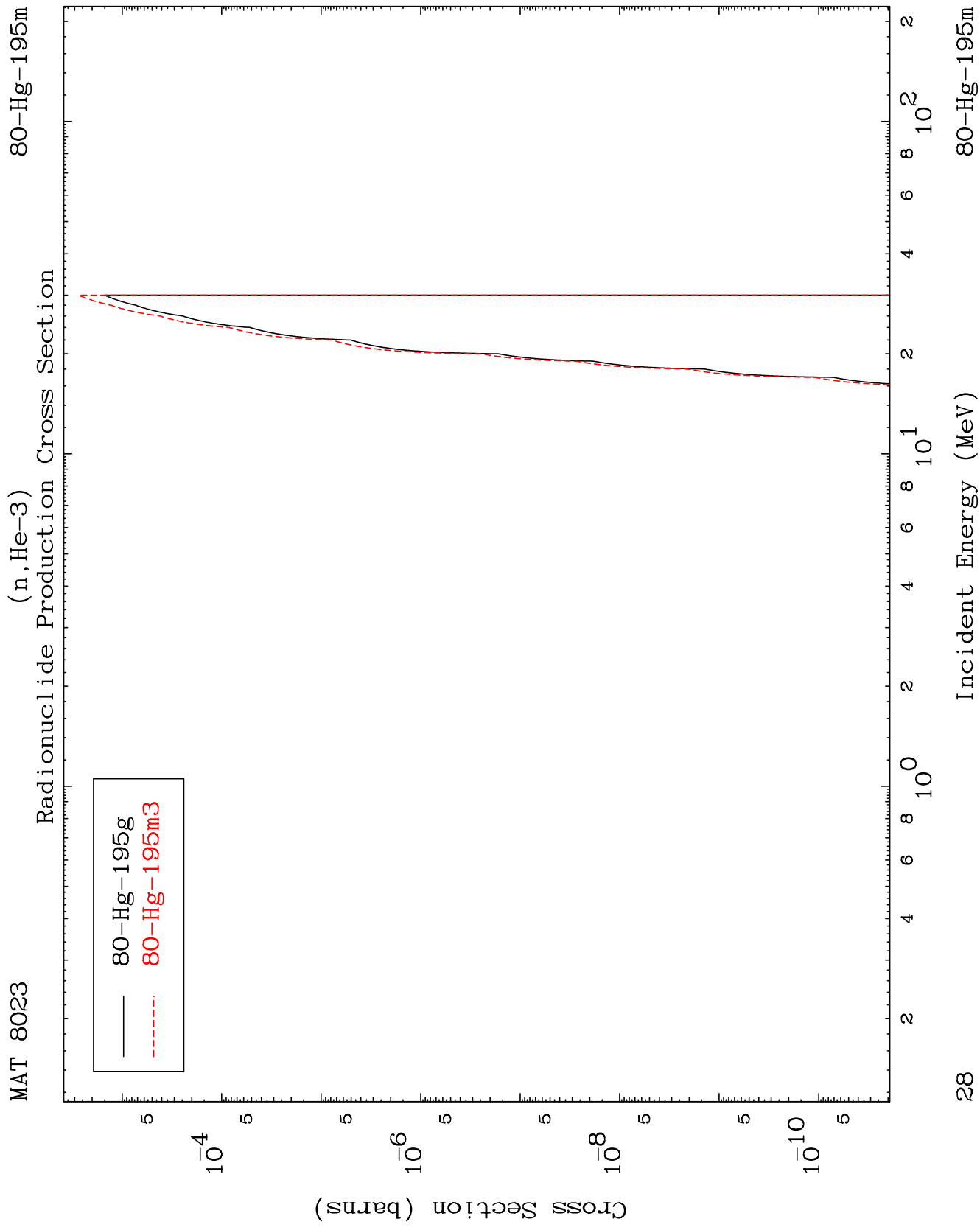


26

Incident Energy (MeV)

80-Hg-195m

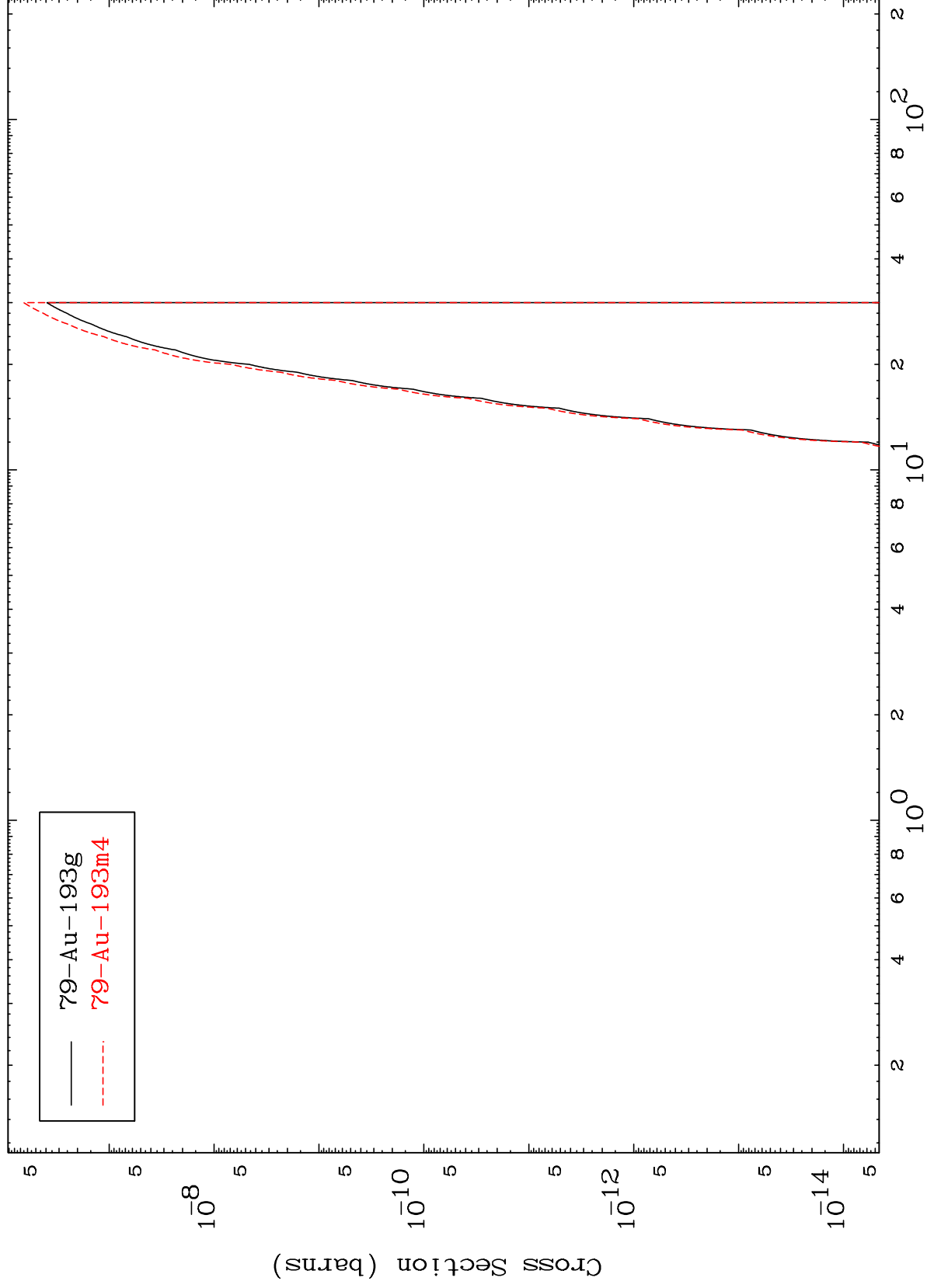




MAT 8023

80-Hg-195m

(n,p) α
Radionuclide Production Cross Section



29

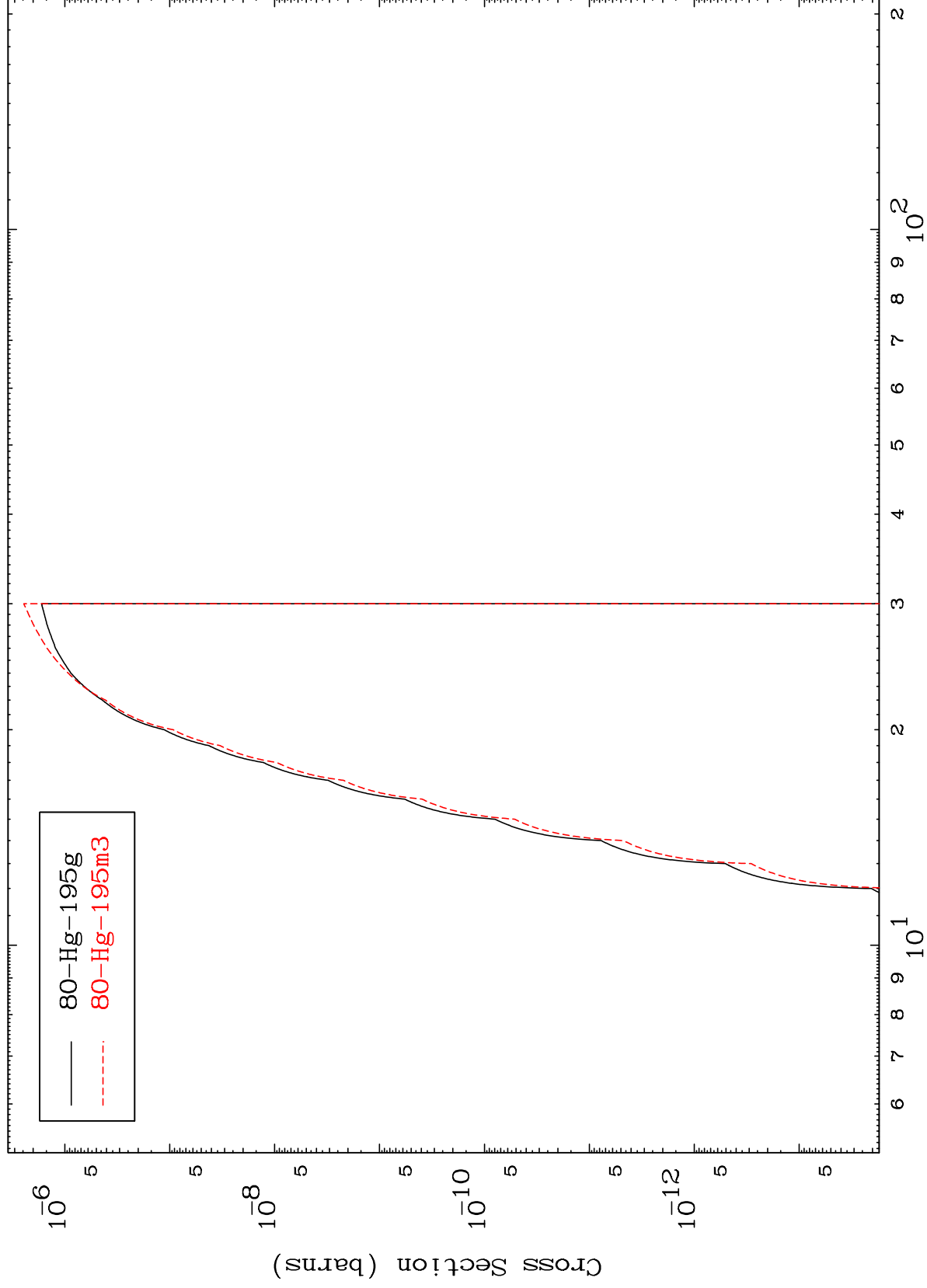
Incident Energy (MeV)

80-Hg-195m

MAT 8023

80-Hg-195m

(n,p) d
Radionuclide Production Cross Section



80-Hg-195m

Incident Energy (MeV)

30

