

Program EVALPLOT
(Version 2021-1)

by

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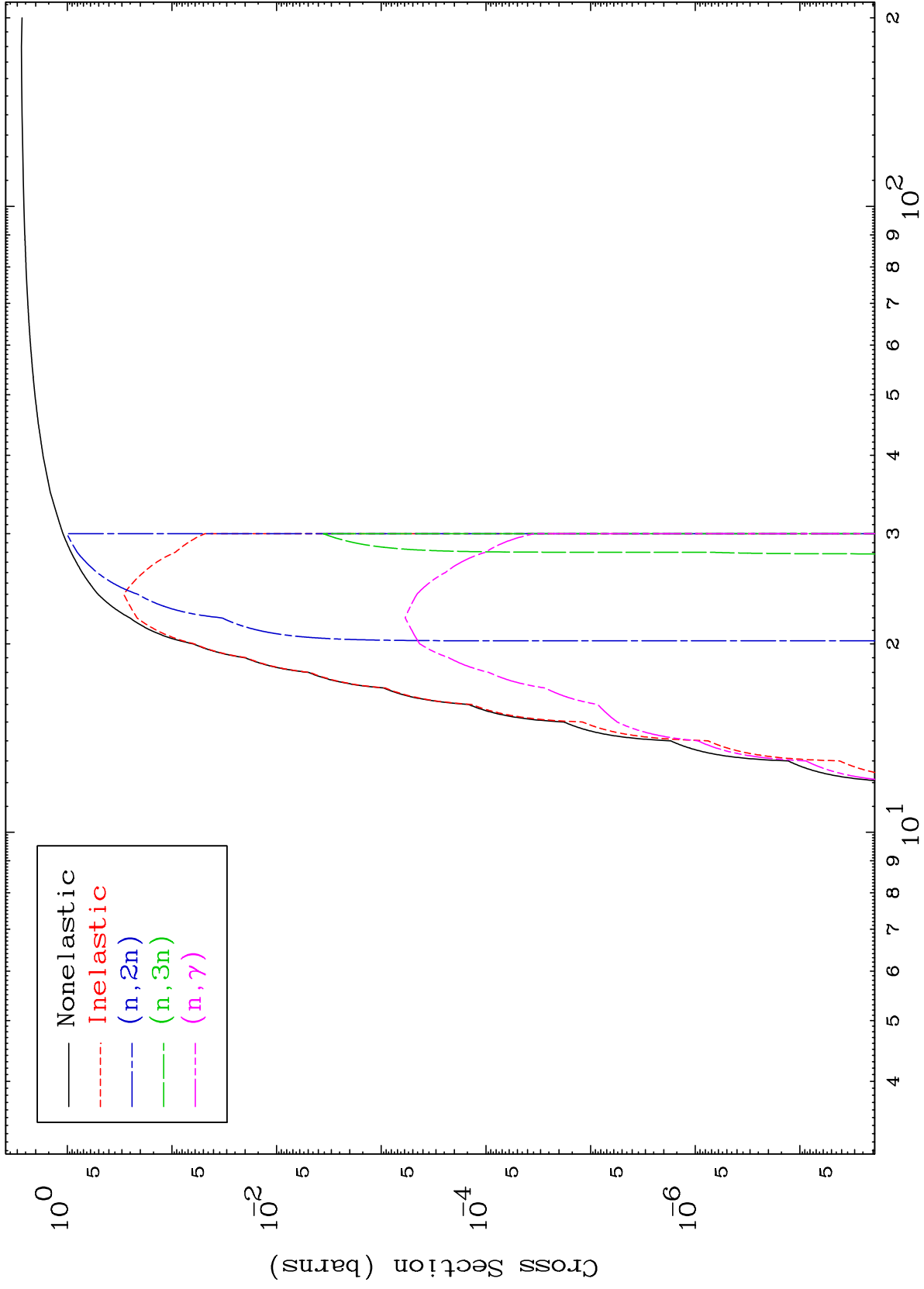
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8023

0 Kelvin Cross Sections

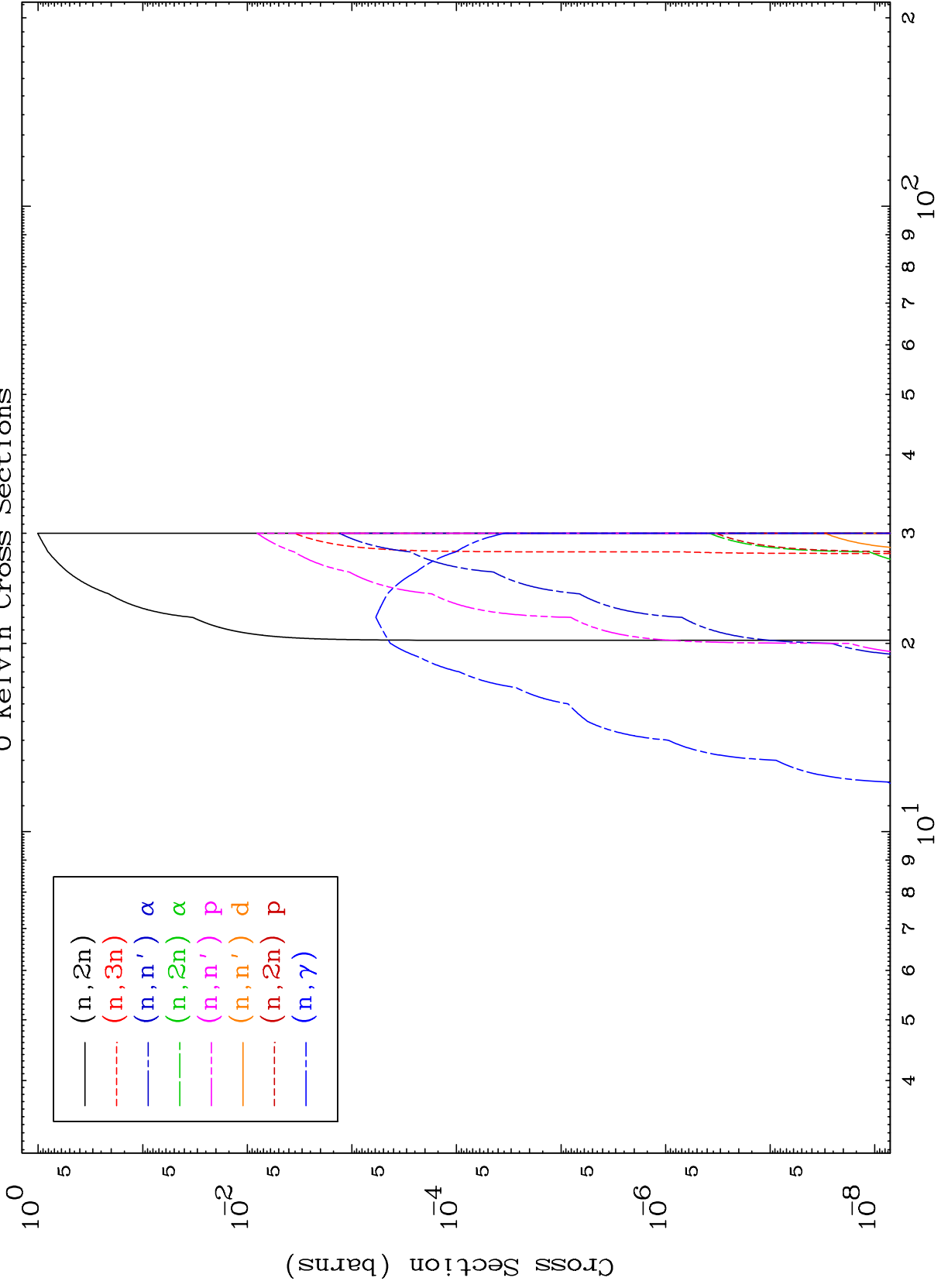
80-Hg-195m



MAT 8023

α Neutron Absorption
0 Kelvin Cross Sections

80-Hg-195m



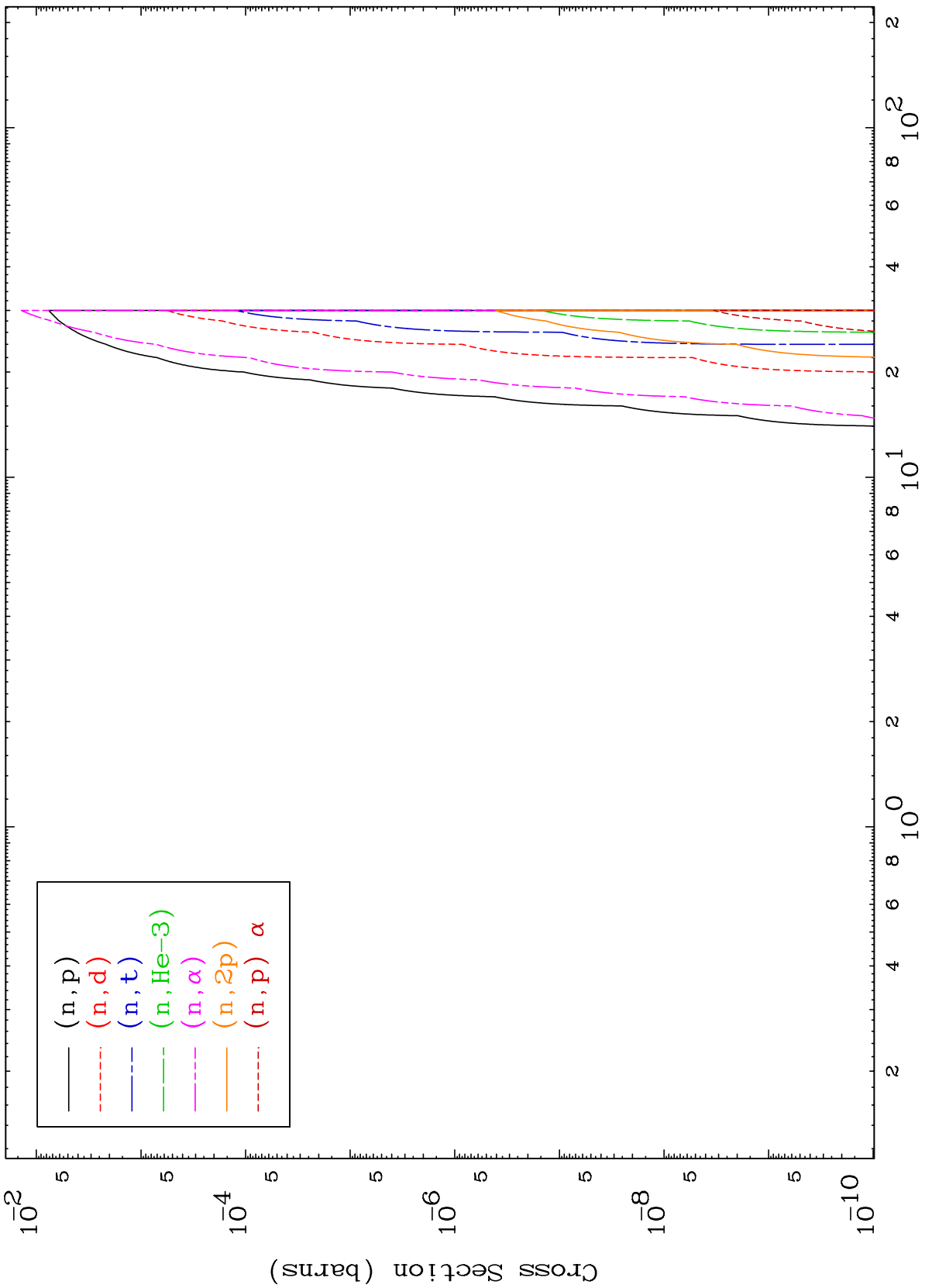
Incident Energy (MeV)

80-Hg-195m

MAT 8023

α Neutron Absorption
0 Kelvin Cross Sections

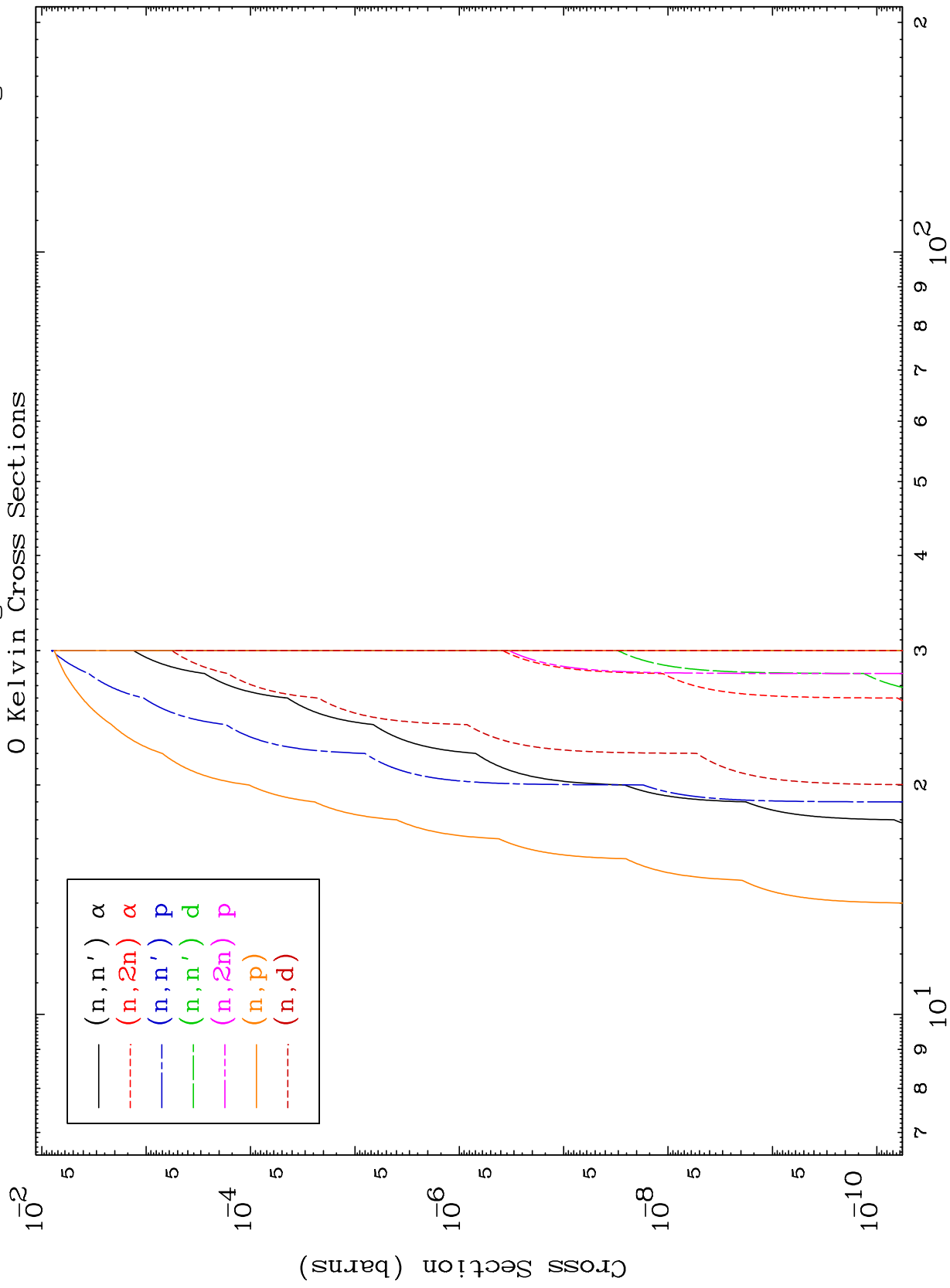
80-Hg-195m



MAT 8023

α Charged Particle
0 Kelvin Cross Sections

80-Hg-195m



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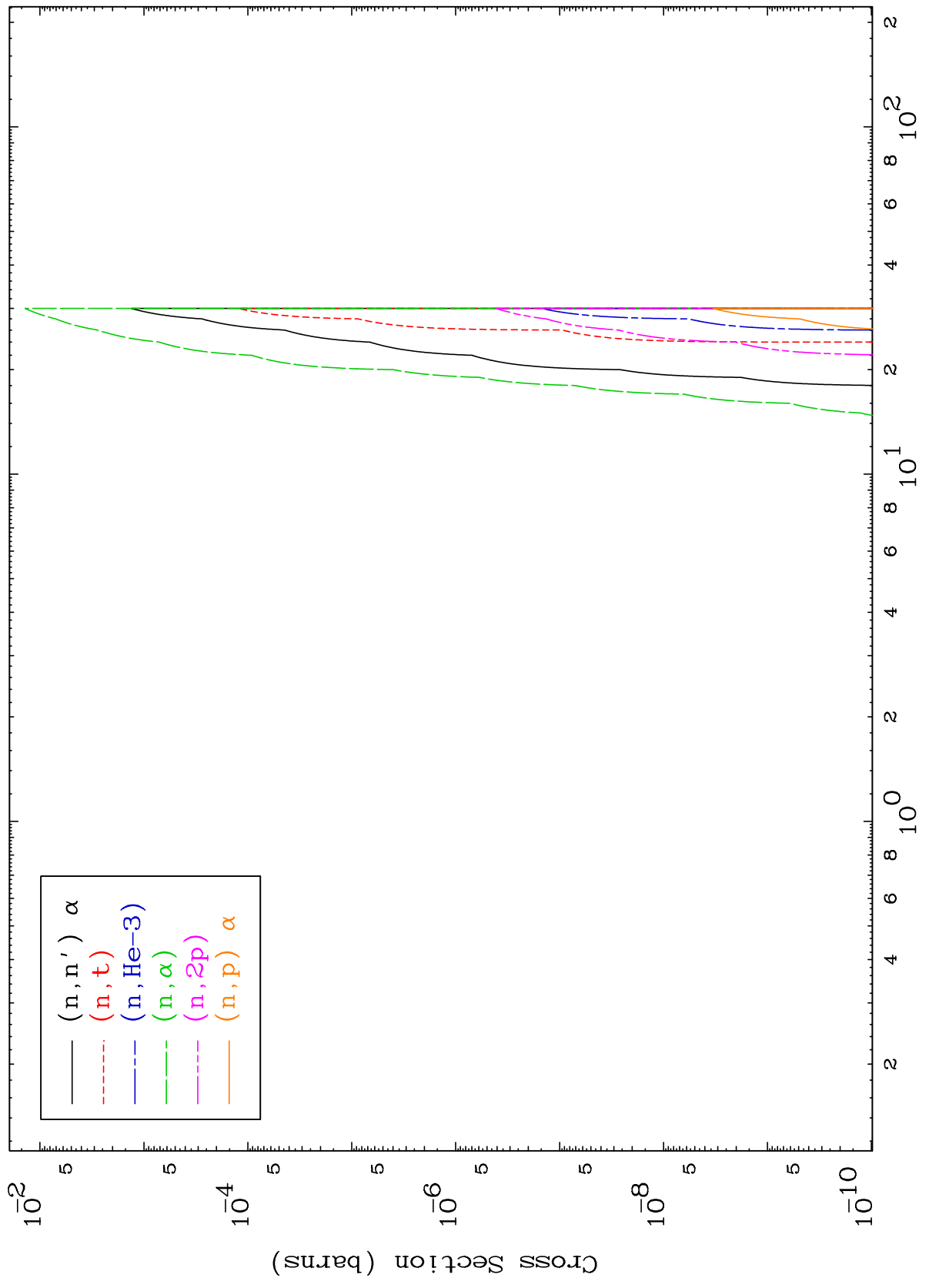
Incident Energy (MeV)

80-Hg-195m

MAT 8023

α Charged Particle
0 Kelvin Cross Sections

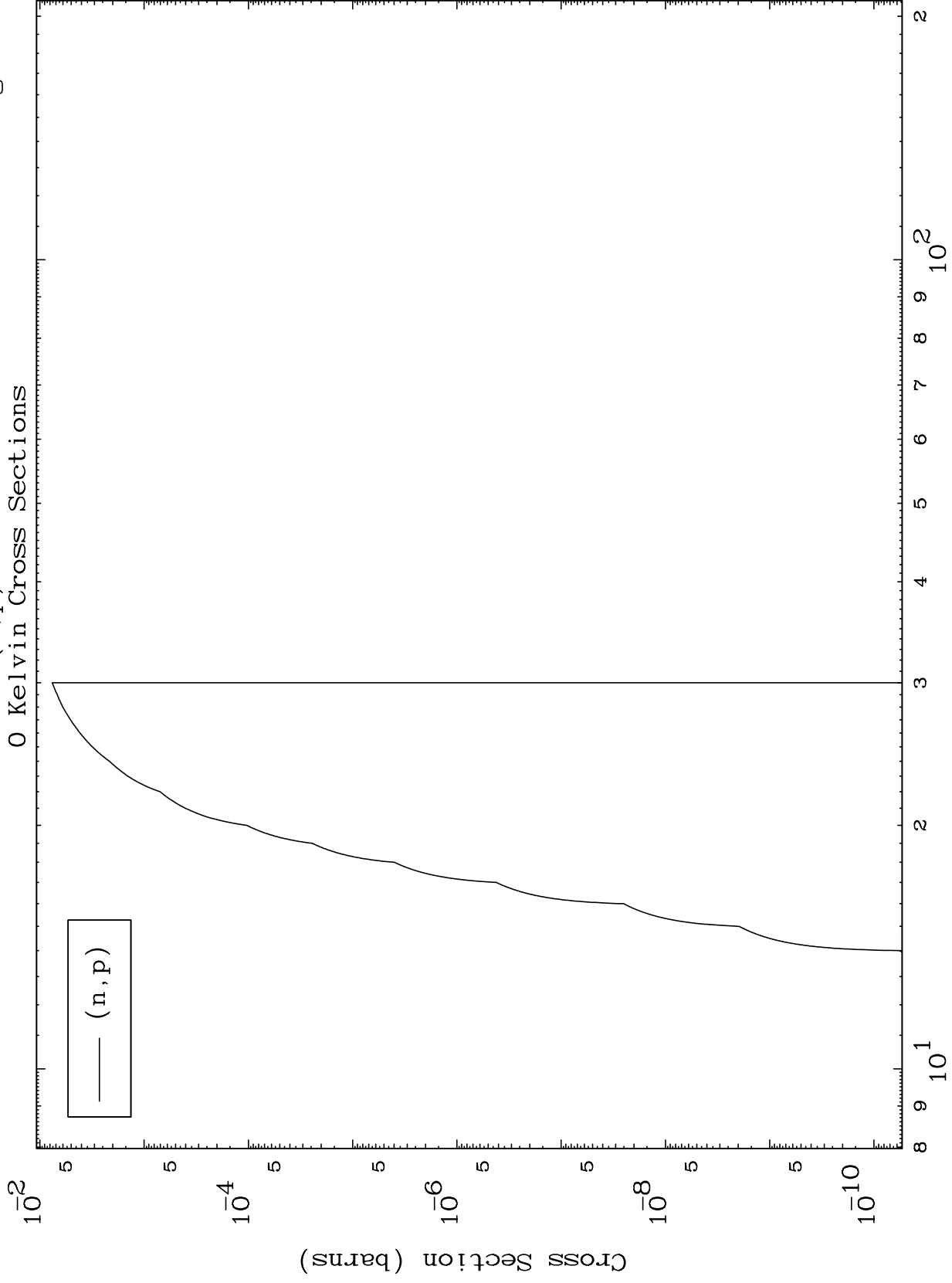
80-Hg-195m



MAT 8023

(α, p) Levels

80-Hg-195m



6

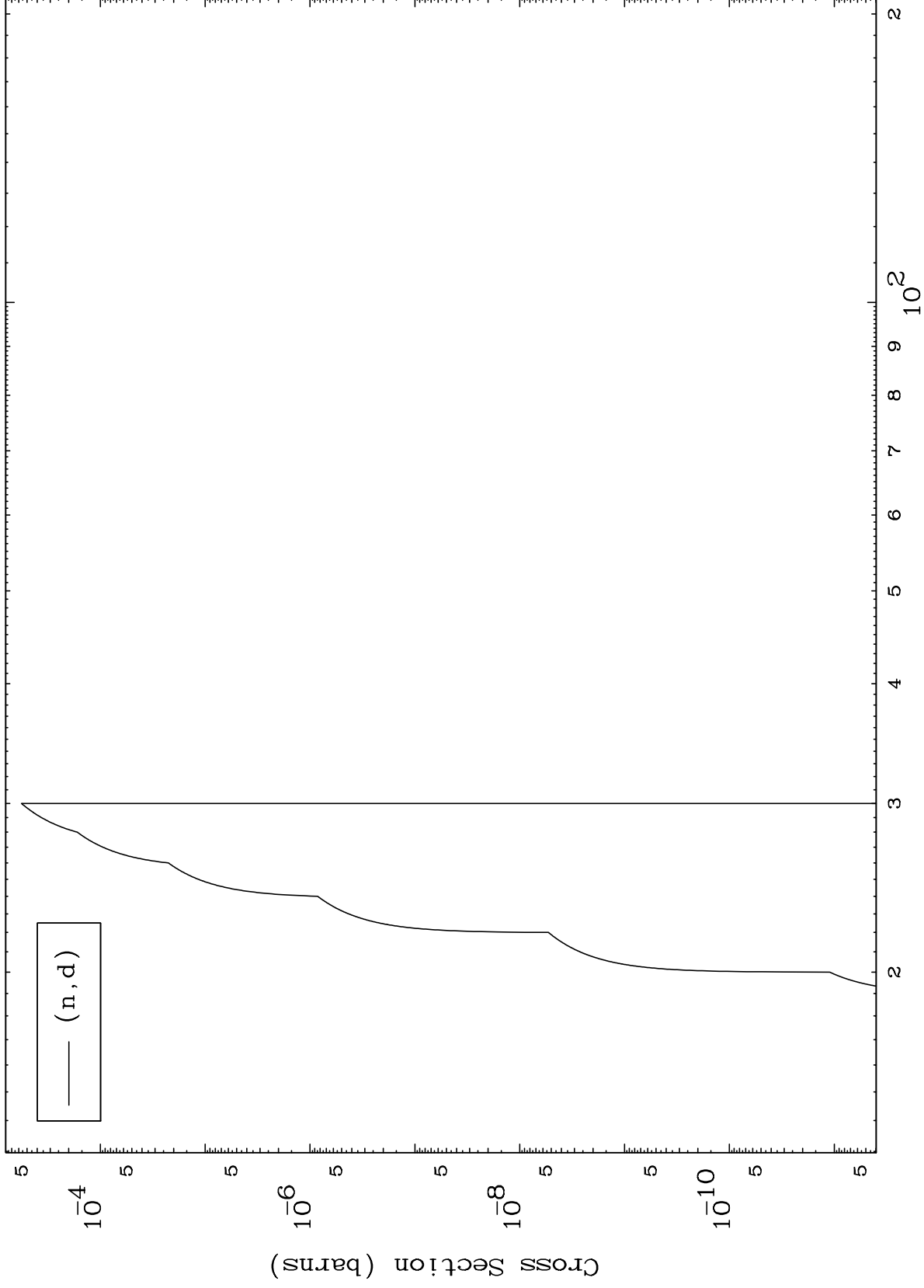
Incident Energy (MeV)

80-Hg-195m

MAT 8023

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-195m



7

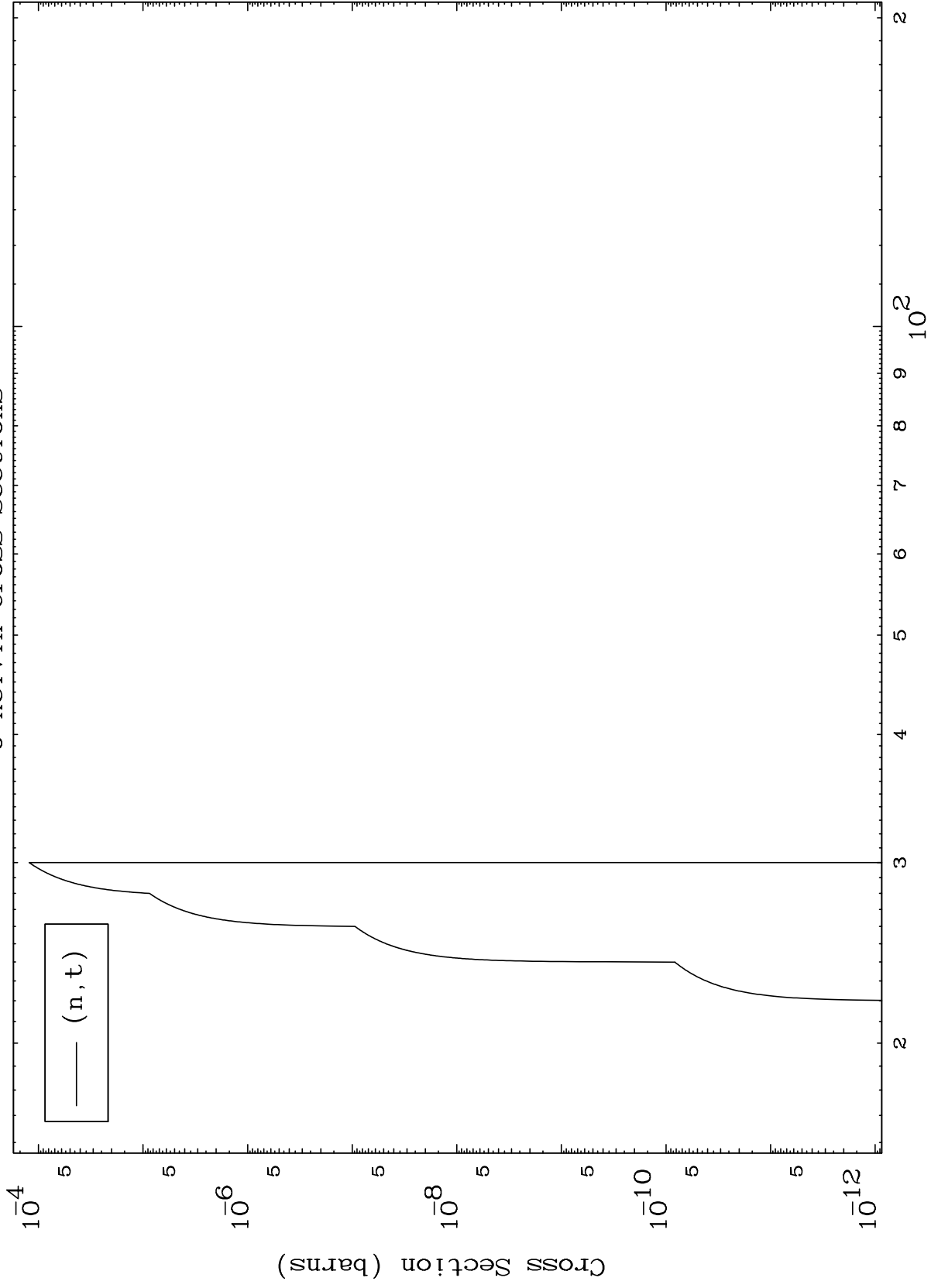
Incident Energy (MeV)

80-Hg-195m

MAT 8023

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-195m



8

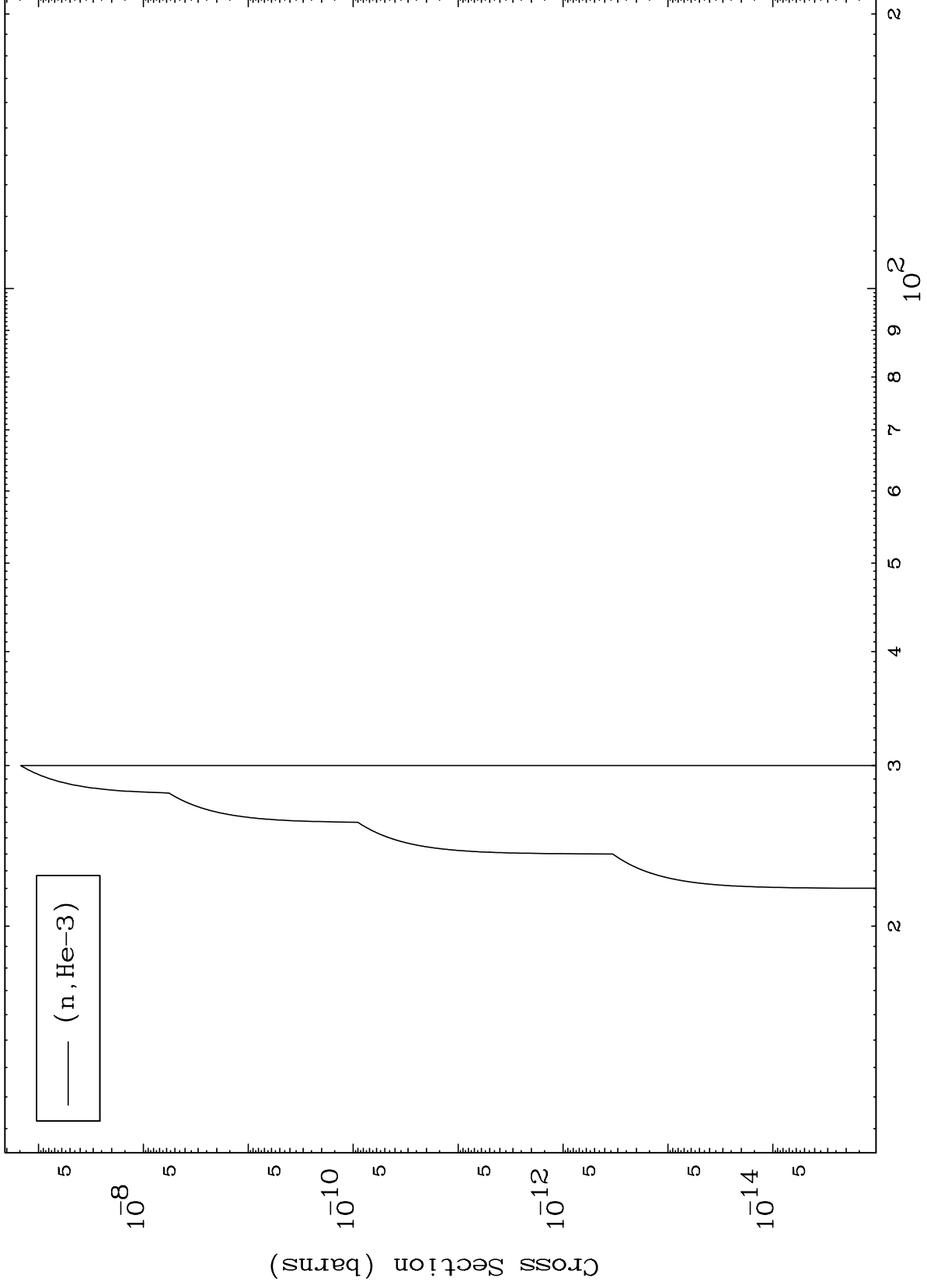
Incident Energy (MeV)

80-Hg-195m

MAT 8023

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

80-Hg-195m

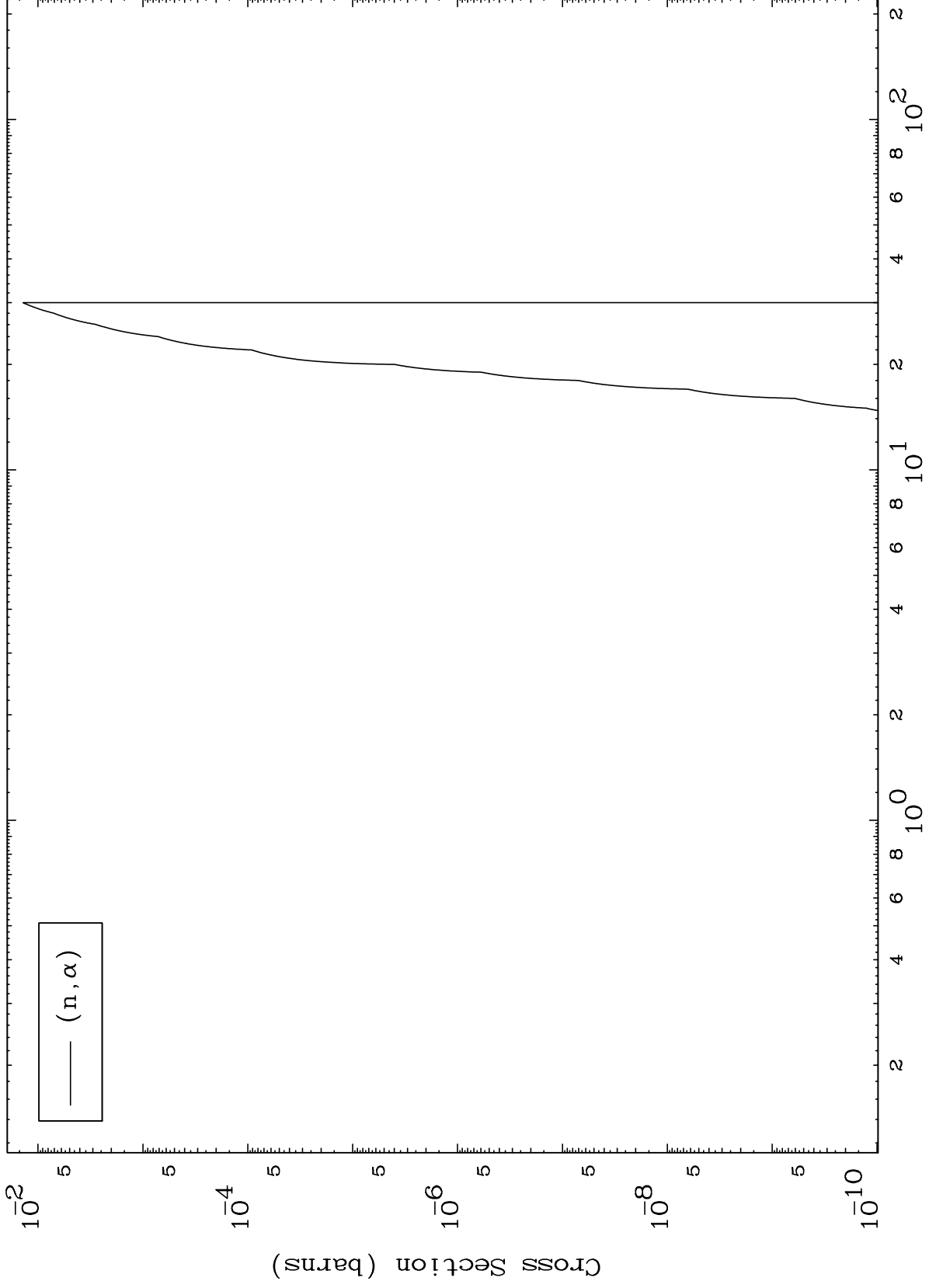


MAT 8023

(α, α) Levels

80-Hg-195m

0 Kelvin Cross Sections



10

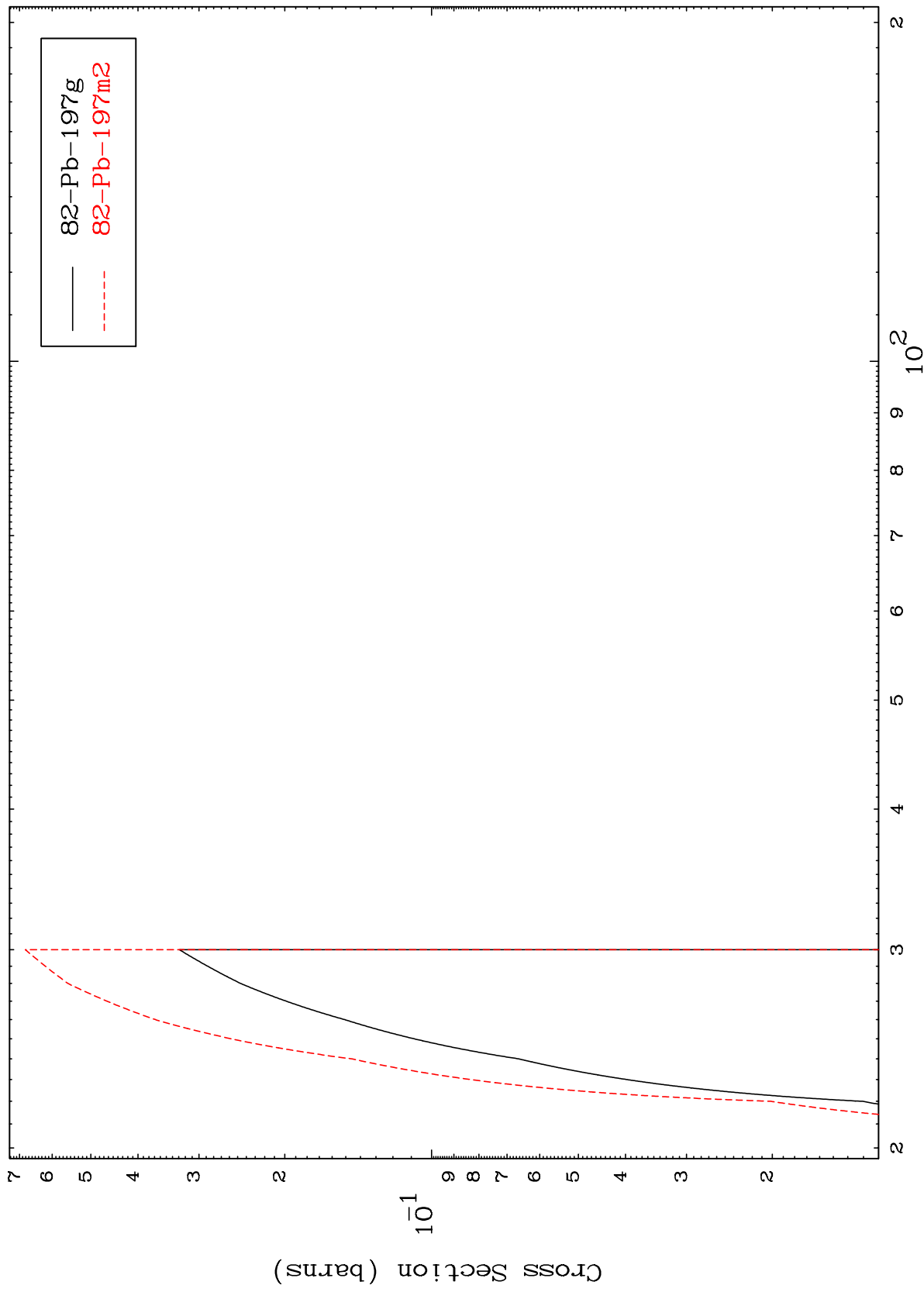
Incident Energy (MeV)

80-Hg-195m

MAT 8023

80-Hg-195m

(n,2n)
Radionuclide Production Cross Section



80-Hg-195m

Incident Energy (MeV)

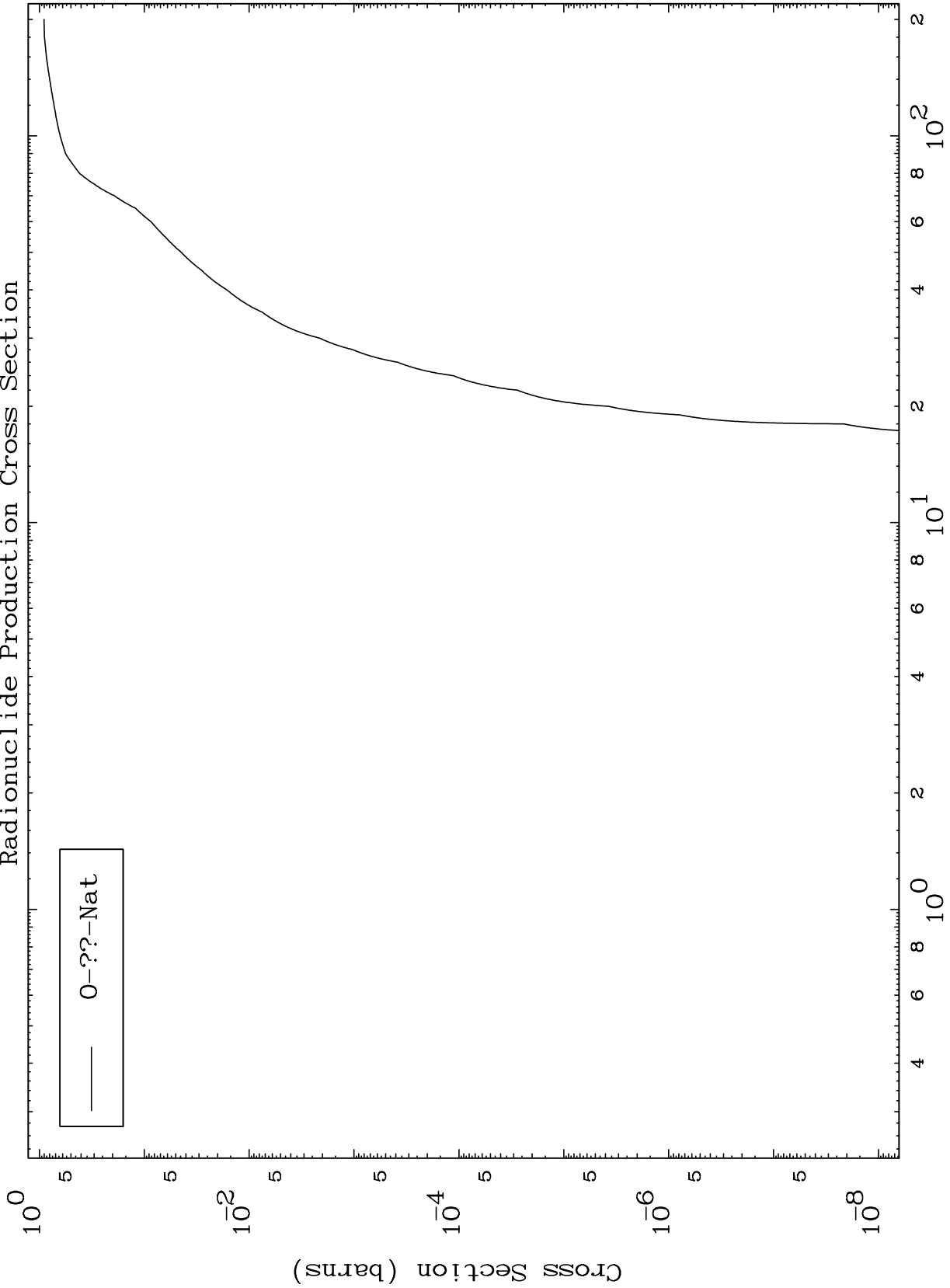
11

MAT 8023

Fission

80-Hg-195m

Radionuclide Production Cross Section

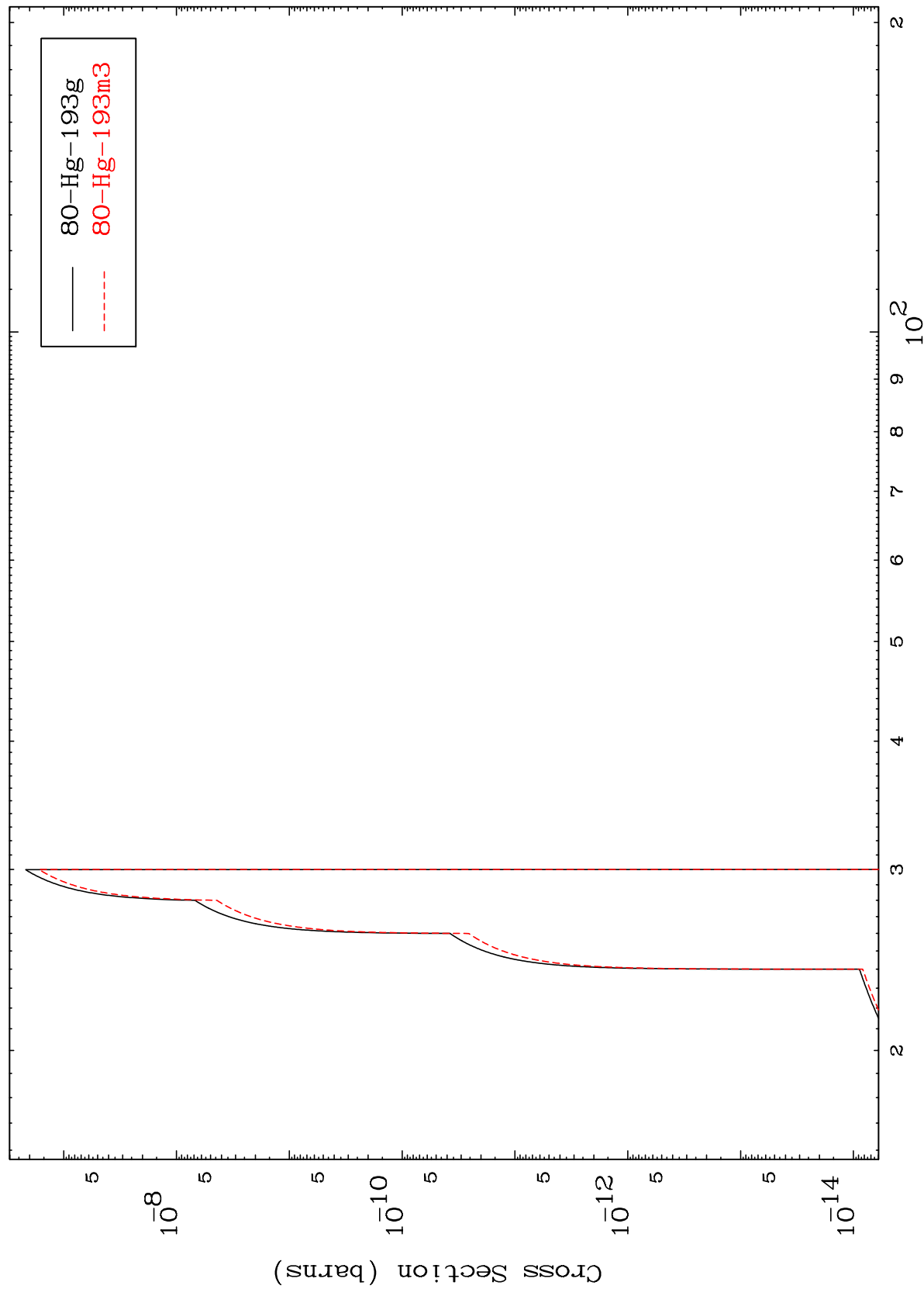


MAT 8023

(n,2n) α

80-Hg-195m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

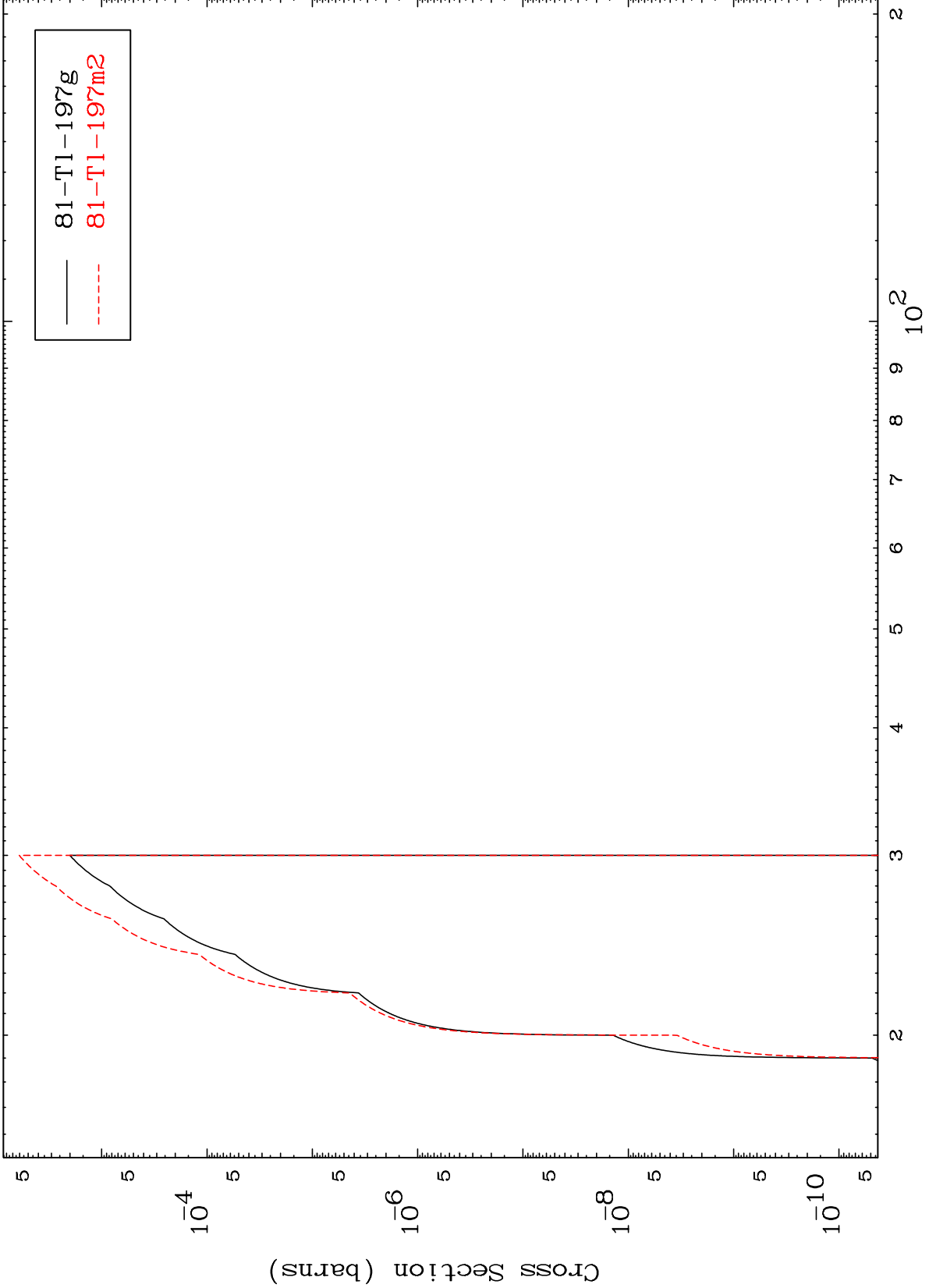
80-Hg-195m

MAT 8023

(n,n') p

80-Hg-195m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

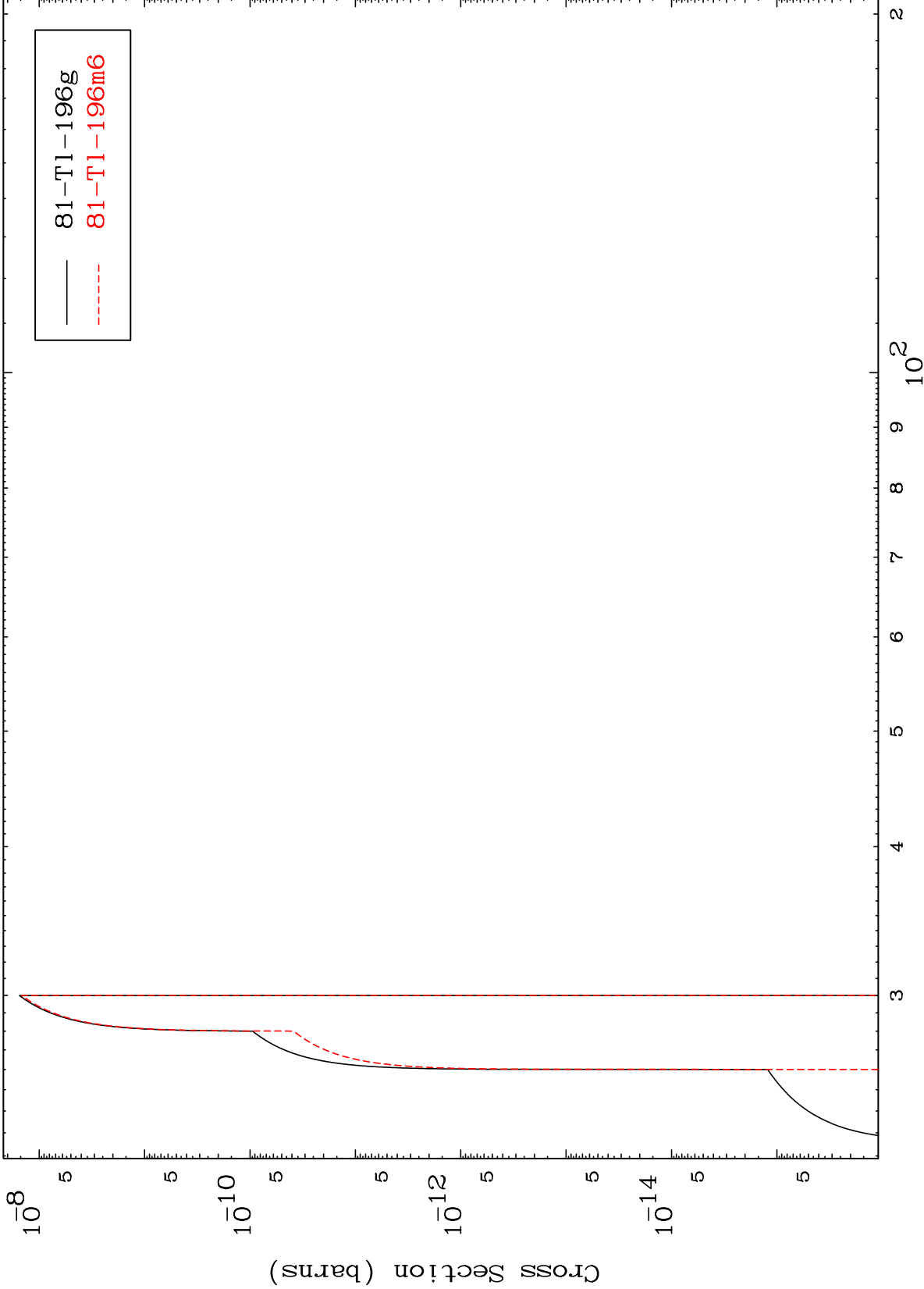
80-Hg-195m

MAT 8023

(n,n') d

80-Hg-195m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

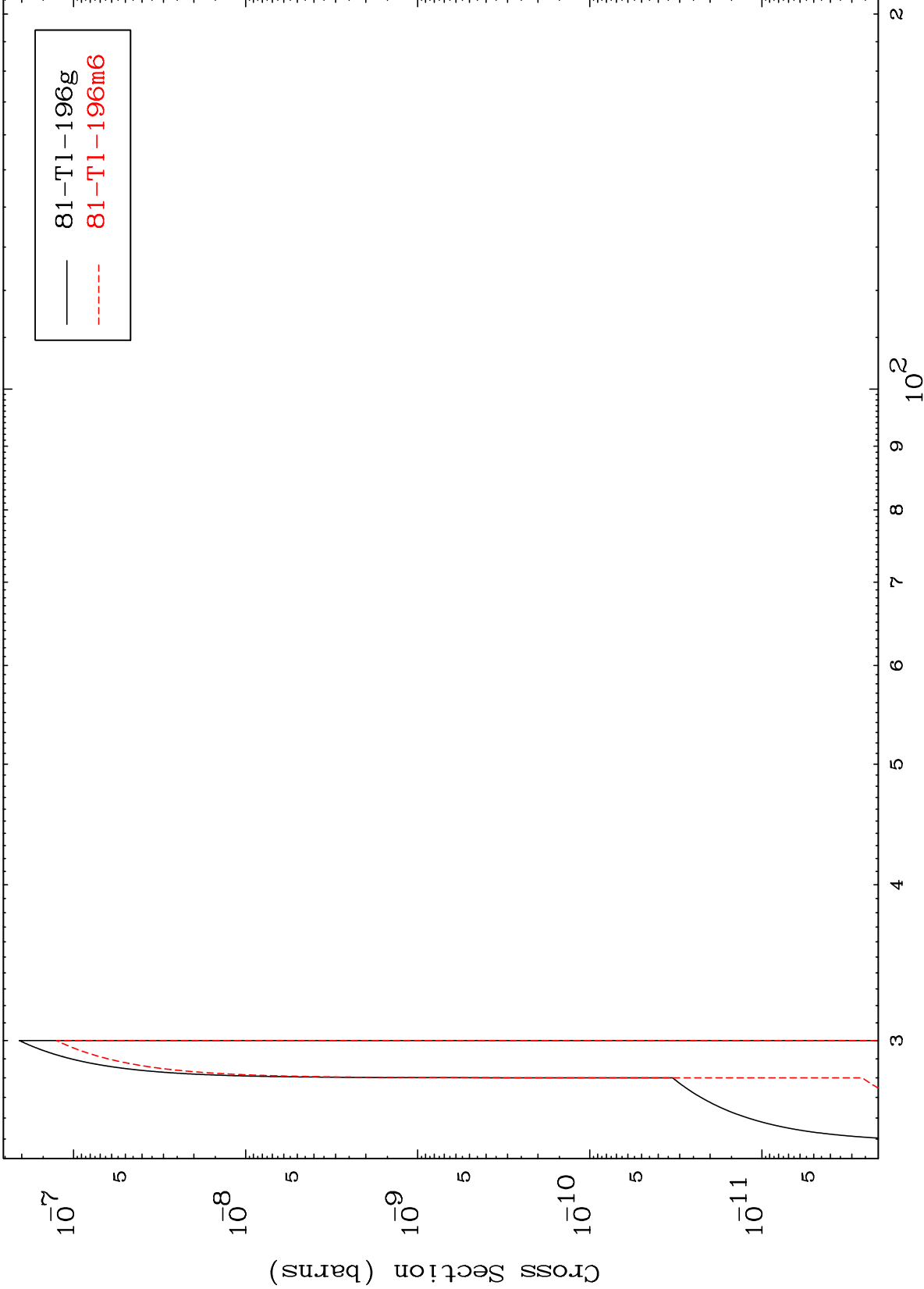
80-Hg-195m

MAT 8023

(n,2n) p

80-Hg-195m

Radionuclide Production Cross Section



16

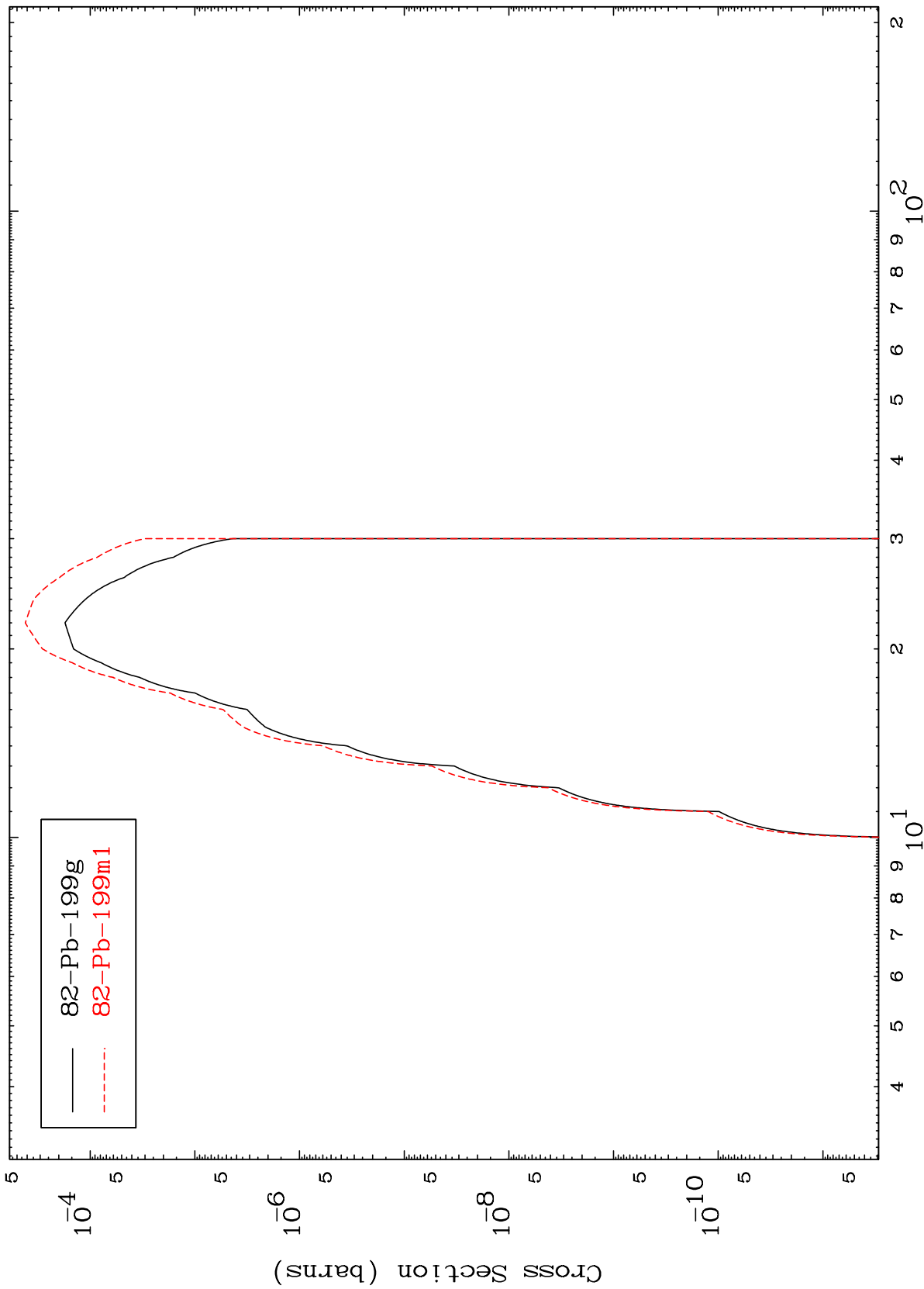
Incident Energy (MeV)

80-Hg-195m

MAT 8023

80-Hg-195m

Radionuclide Production Cross Section
(n, γ)



— 82-Pb-199g
- - - 82-Pb-199m1

80-Hg-195m

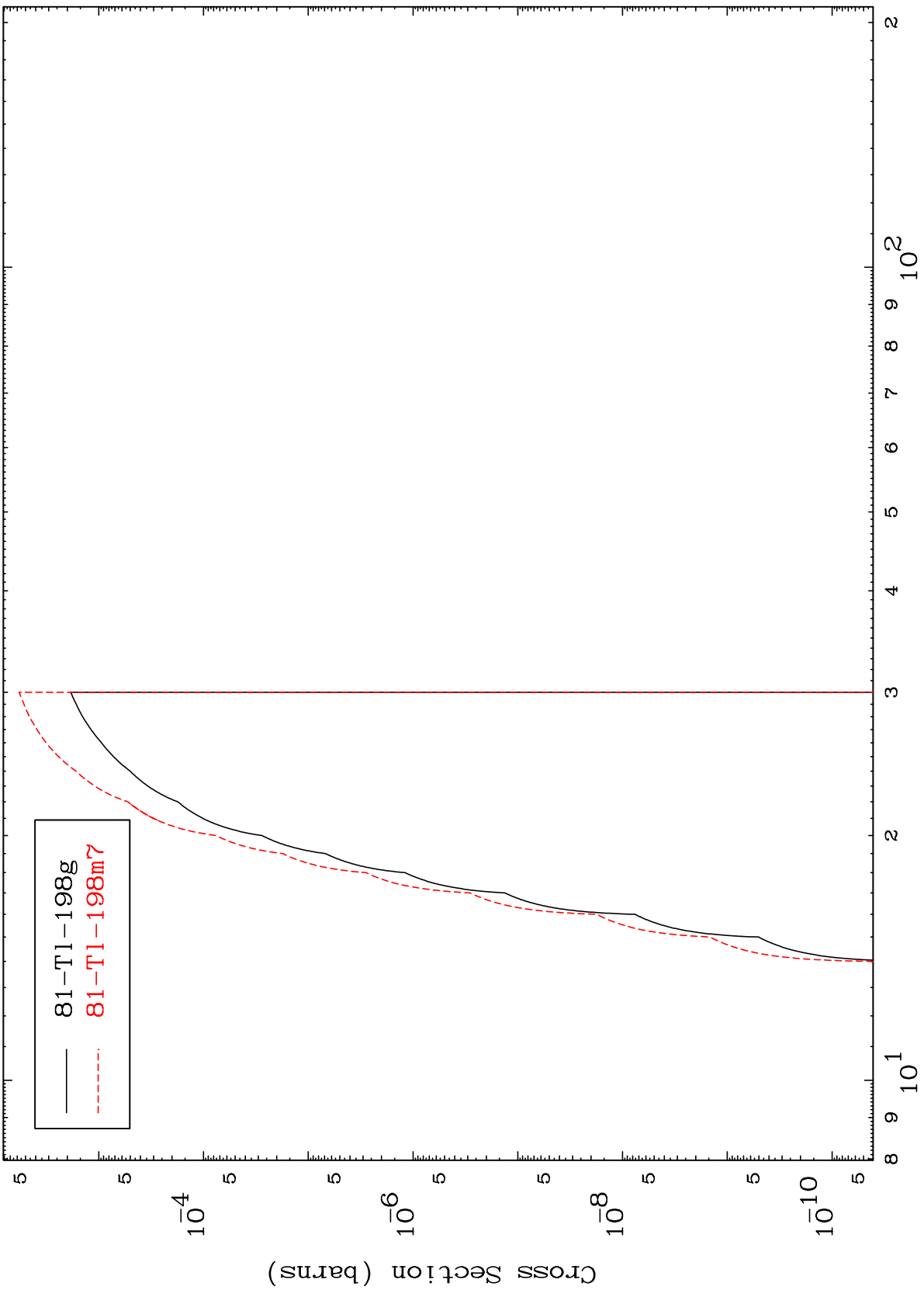
Incident Energy (MeV)

17

MAT 8023

80-Hg-195m

(n,p)
Radionuclide Production Cross Section



18

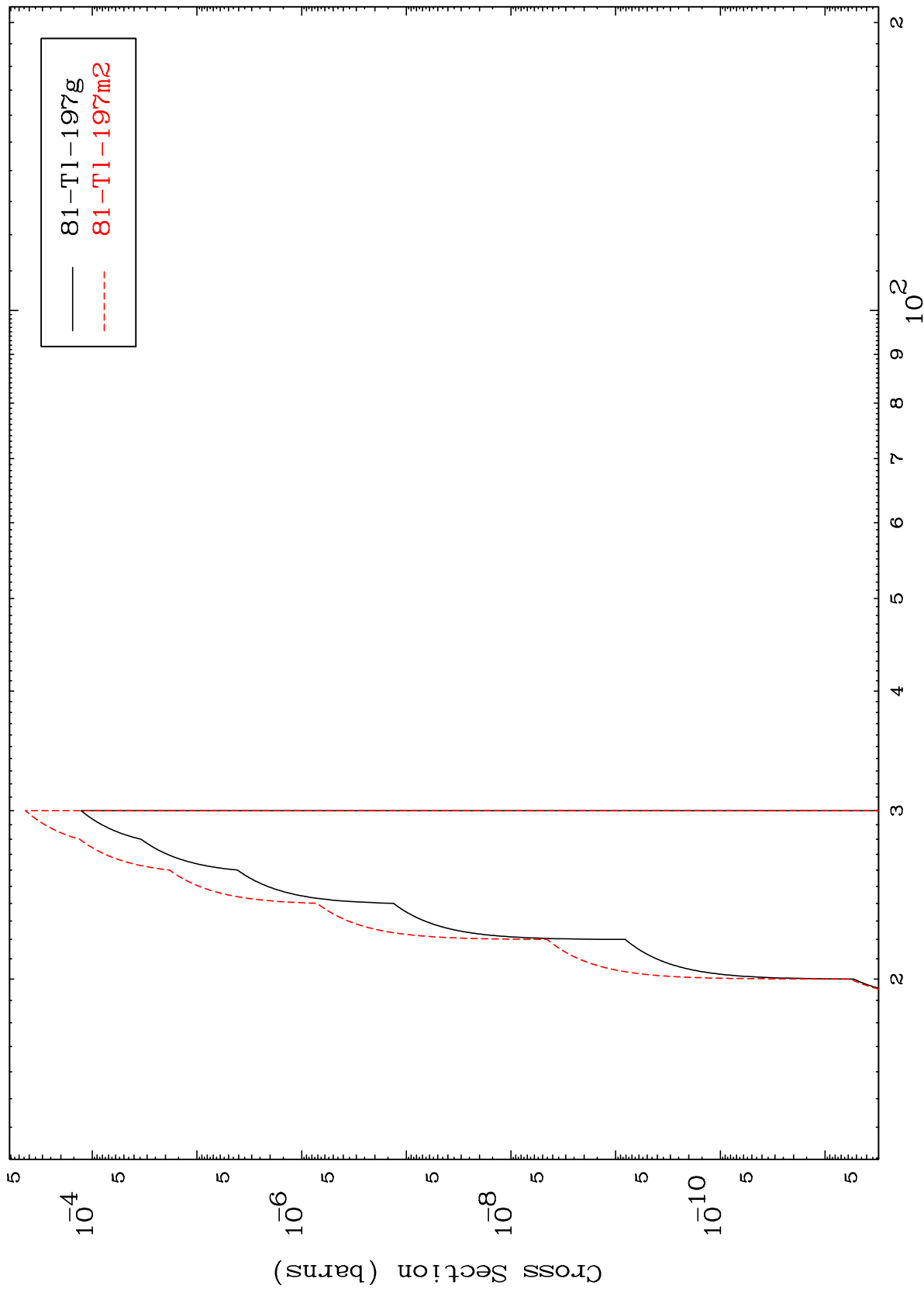
Incident Energy (MeV)

80-Hg-195m

MAT 8023

80-Hg-195m

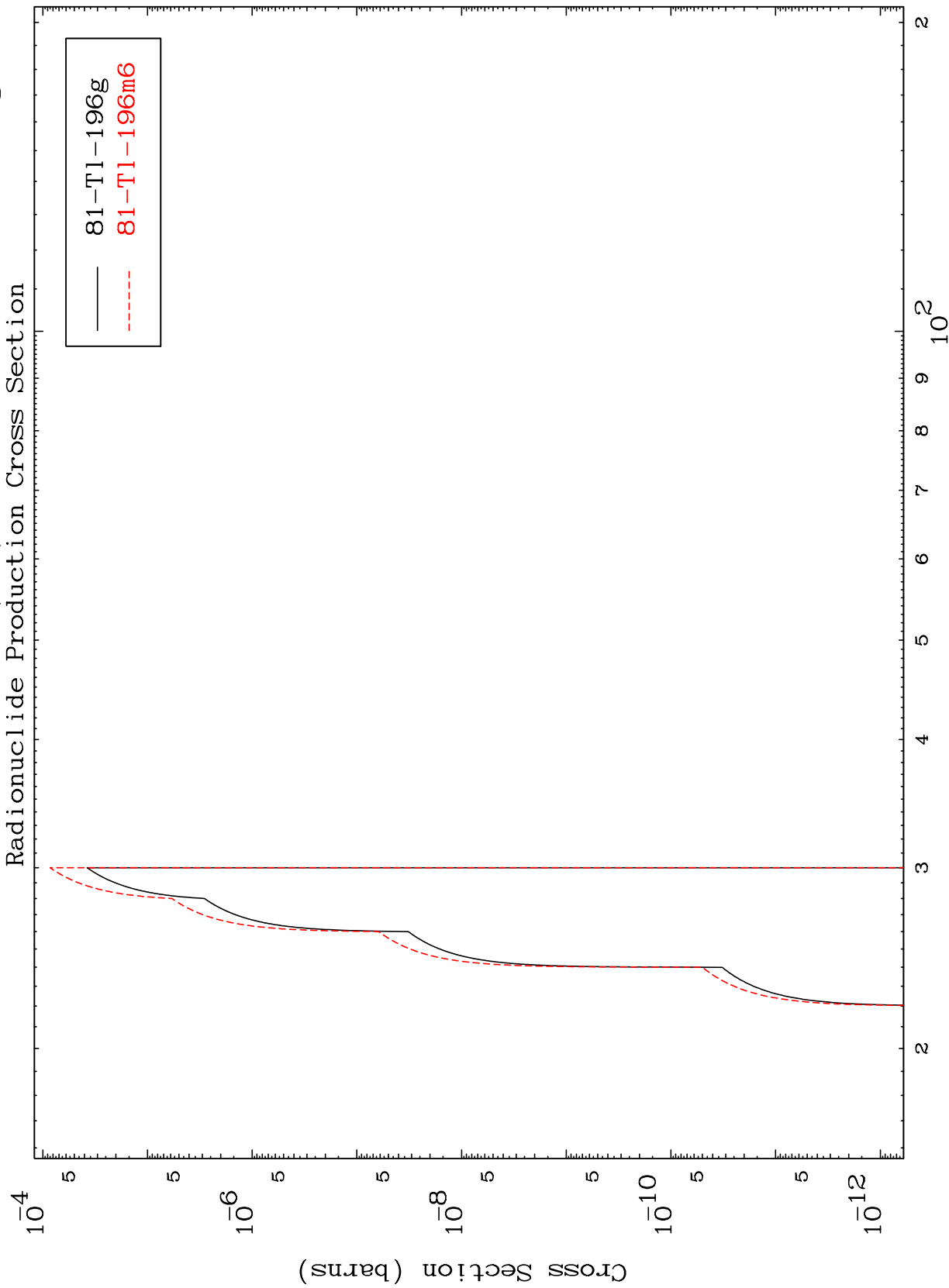
(n,d)
Radionuclide Production Cross Section



MAT 8023

80-Hg-195m

(n, t)
Radionuclide Production Cross Section

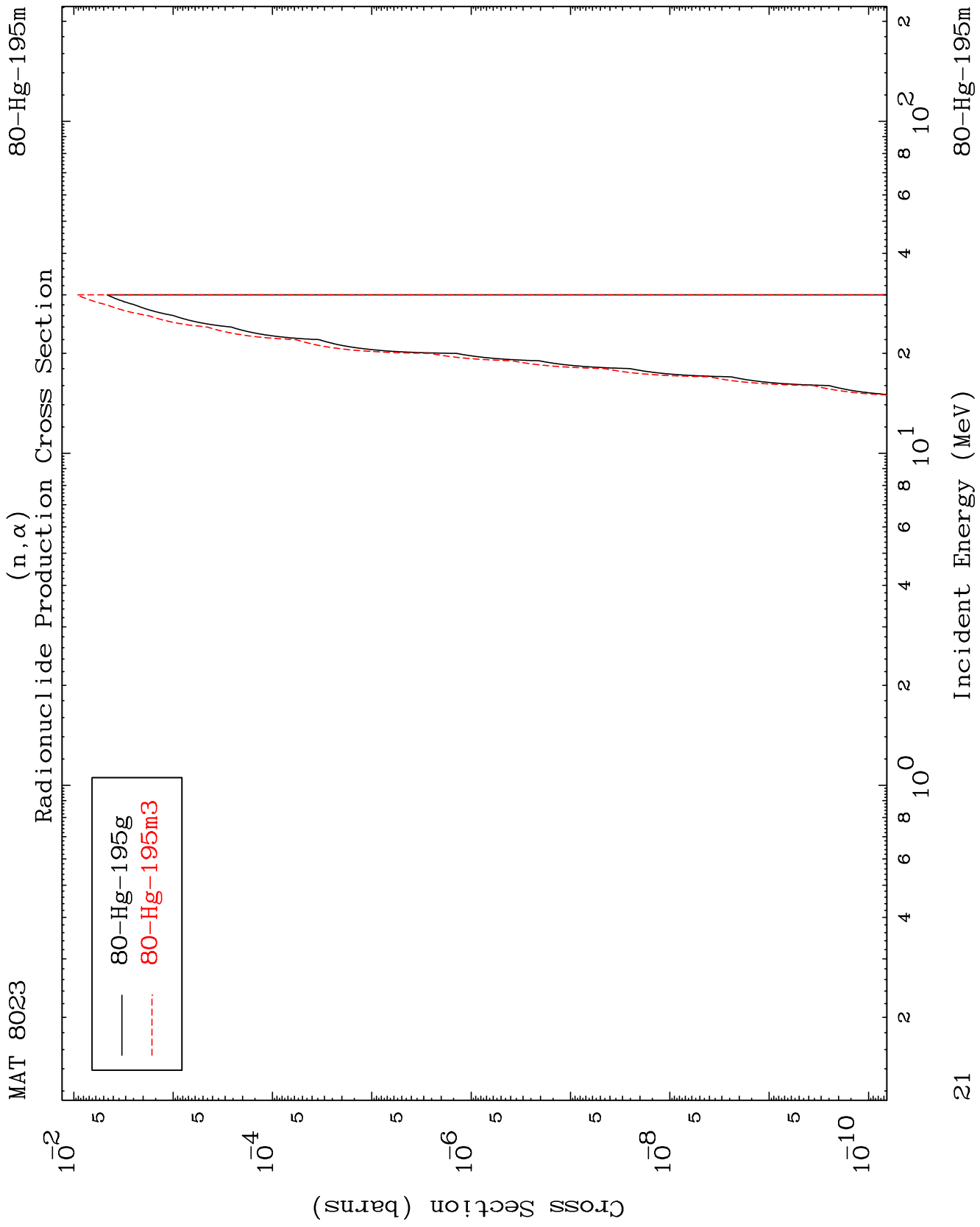


20

Incident Energy (MeV)

80-Hg-195m

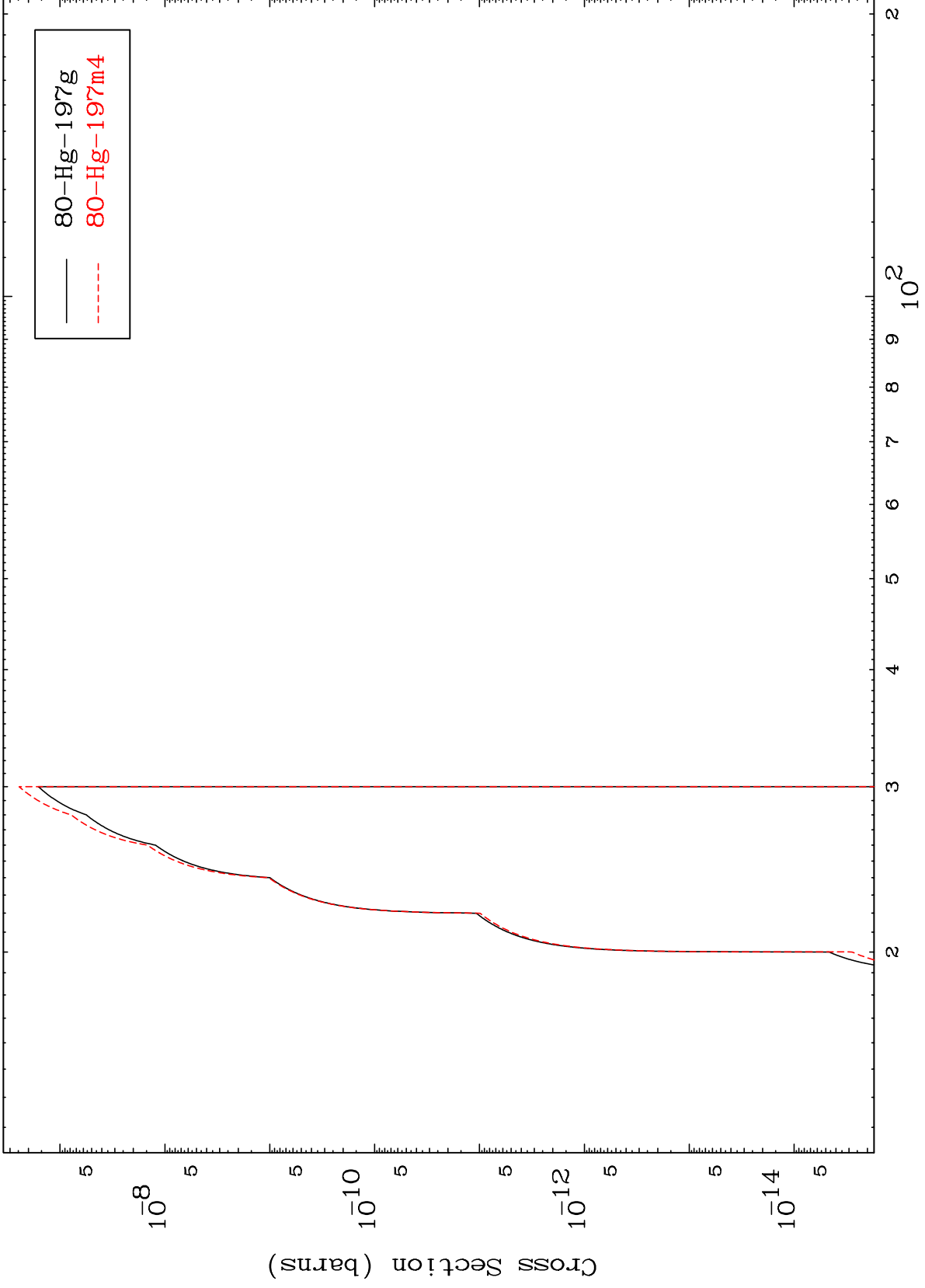
MAT 8023



MAT 8023

80-Hg-195m

(n,2p)
Radionuclide Production Cross Section



22

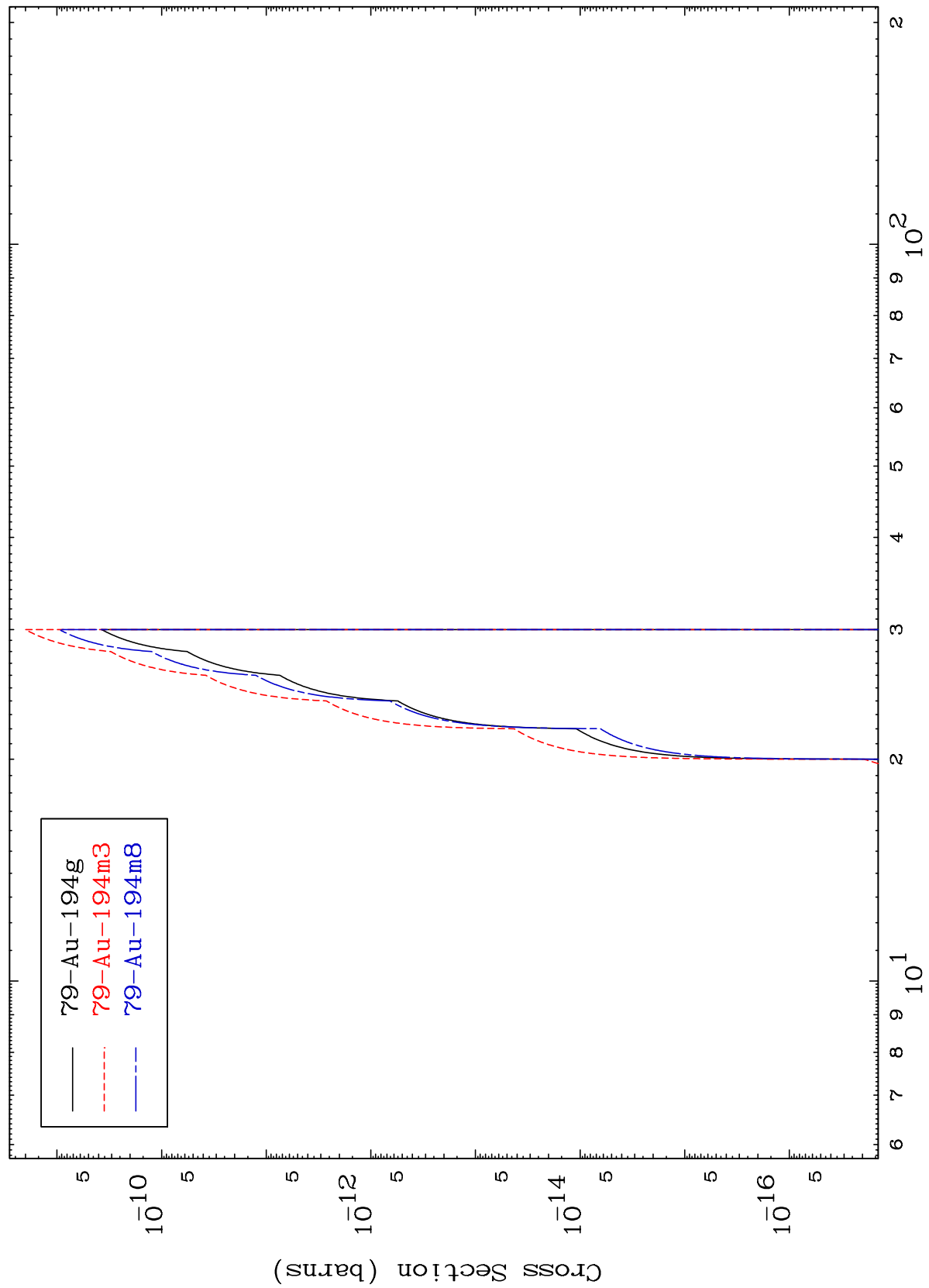
80-Hg-195m

Incident Energy (MeV)

MAT 8023

80-Hg-195m

(n,p) α
Radionuclide Production Cross Section



23

Incident Energy (MeV)

80-Hg-195m