

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

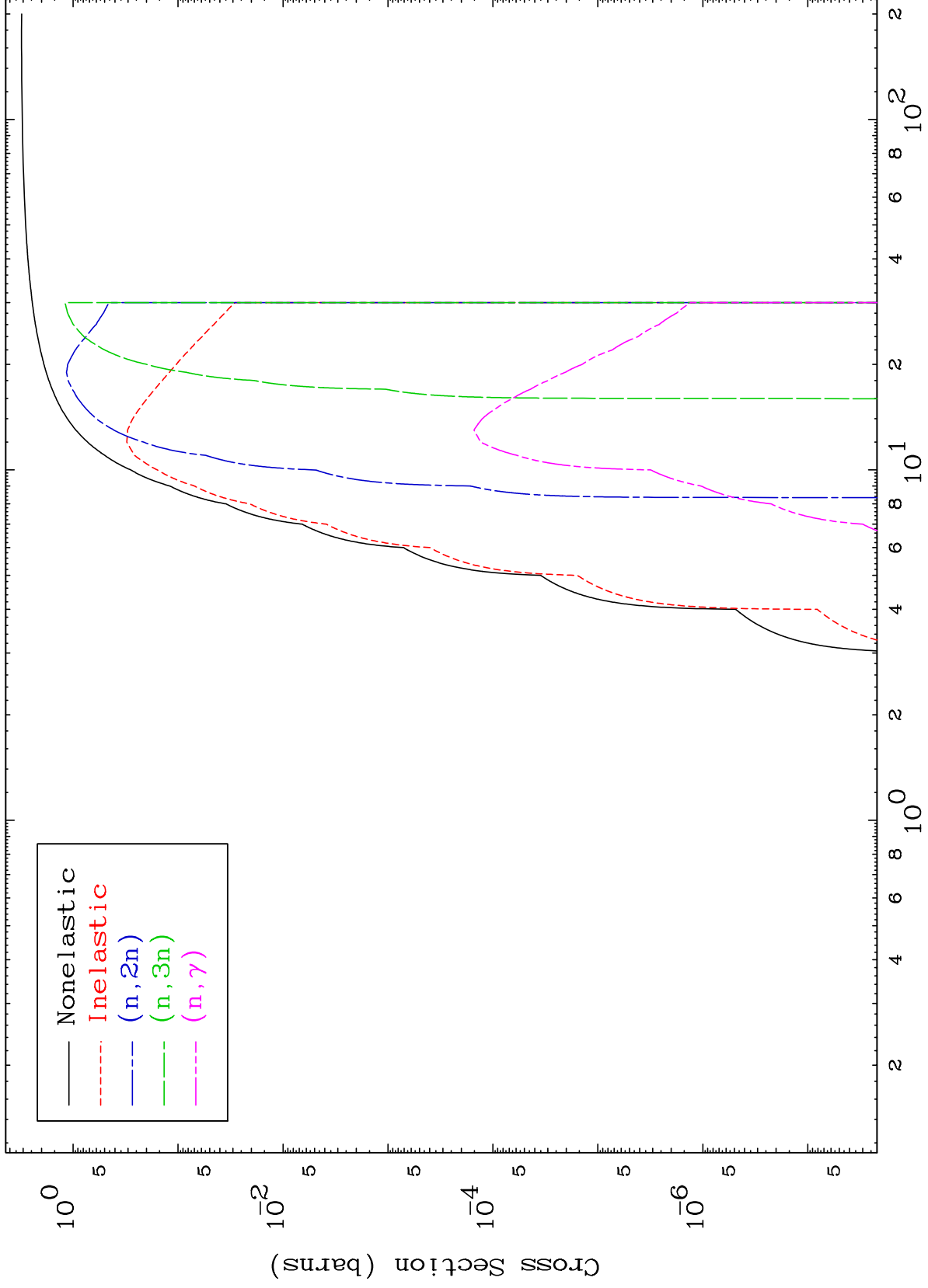
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Web:redcullen1.net/HOMEPAGE.NEW

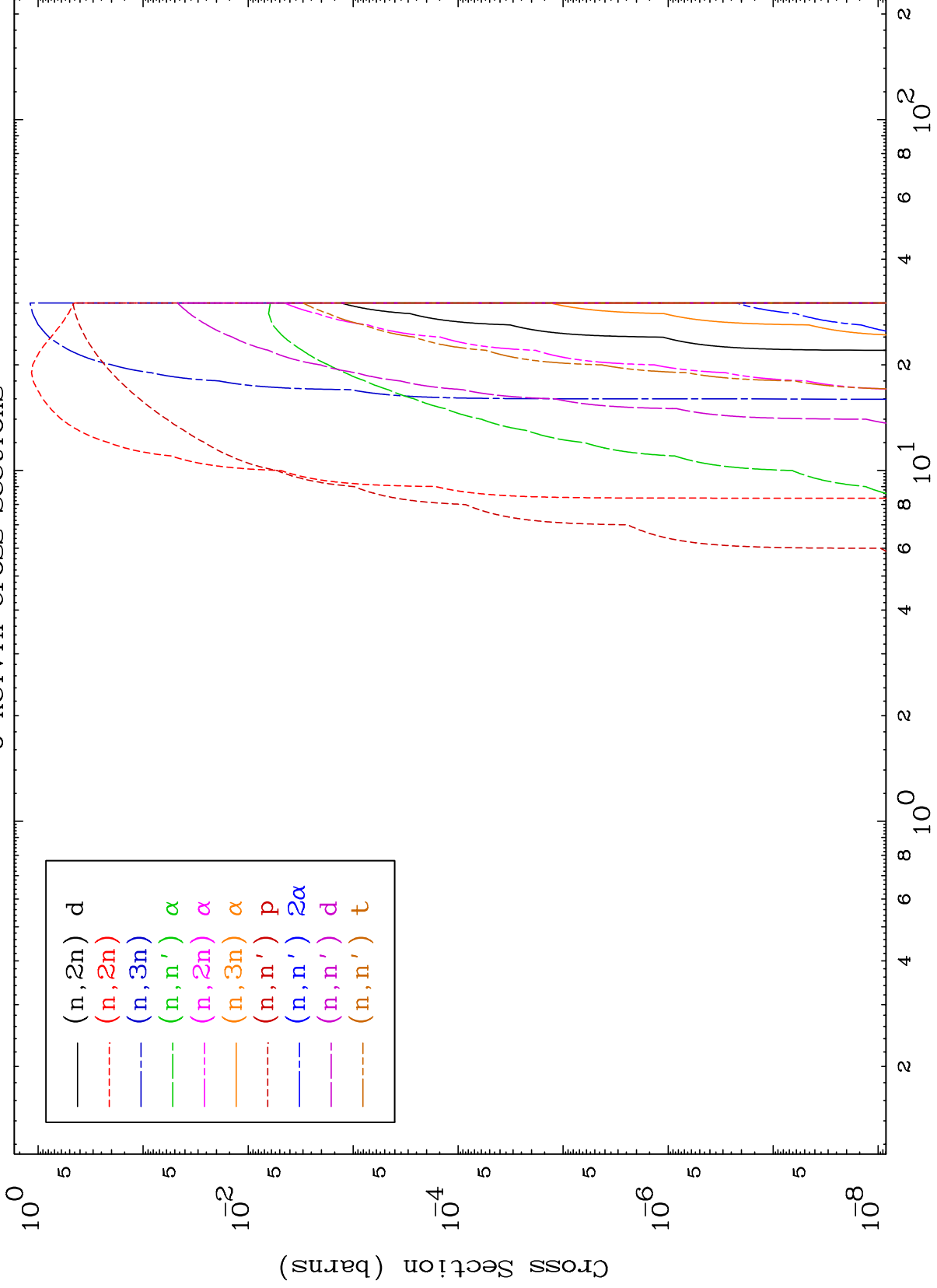
Press Mouse Button to Start

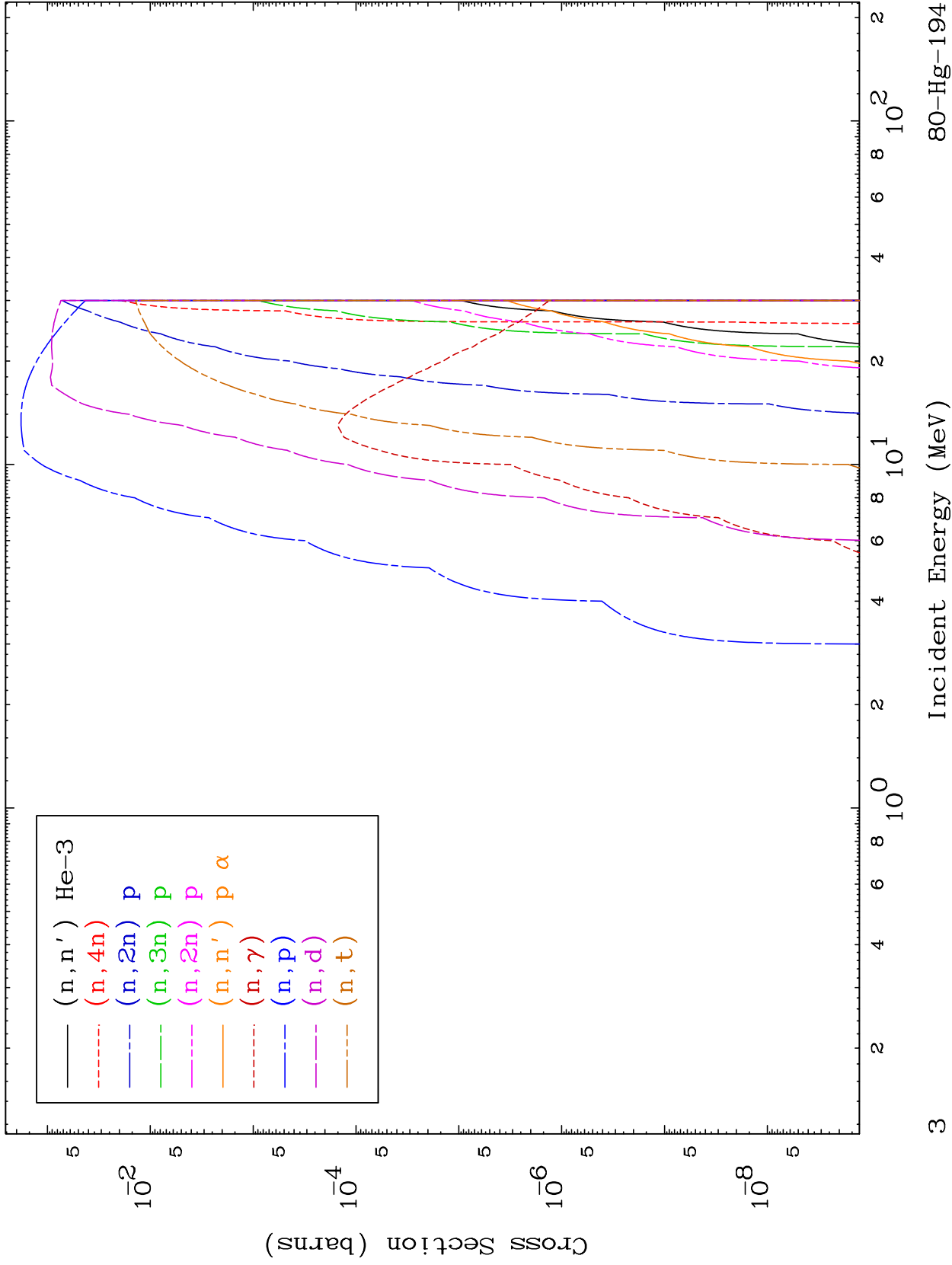


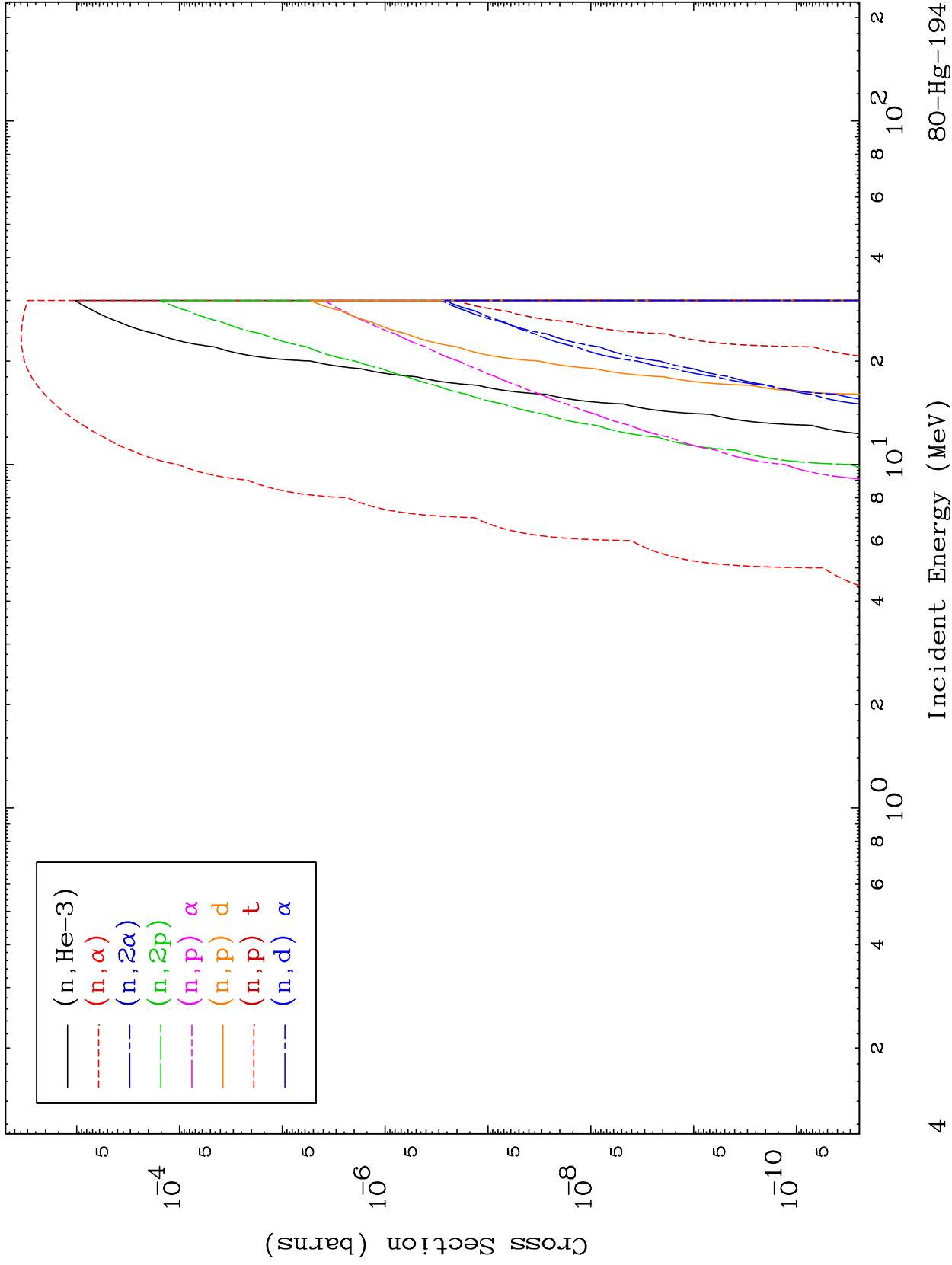
MAT 8019

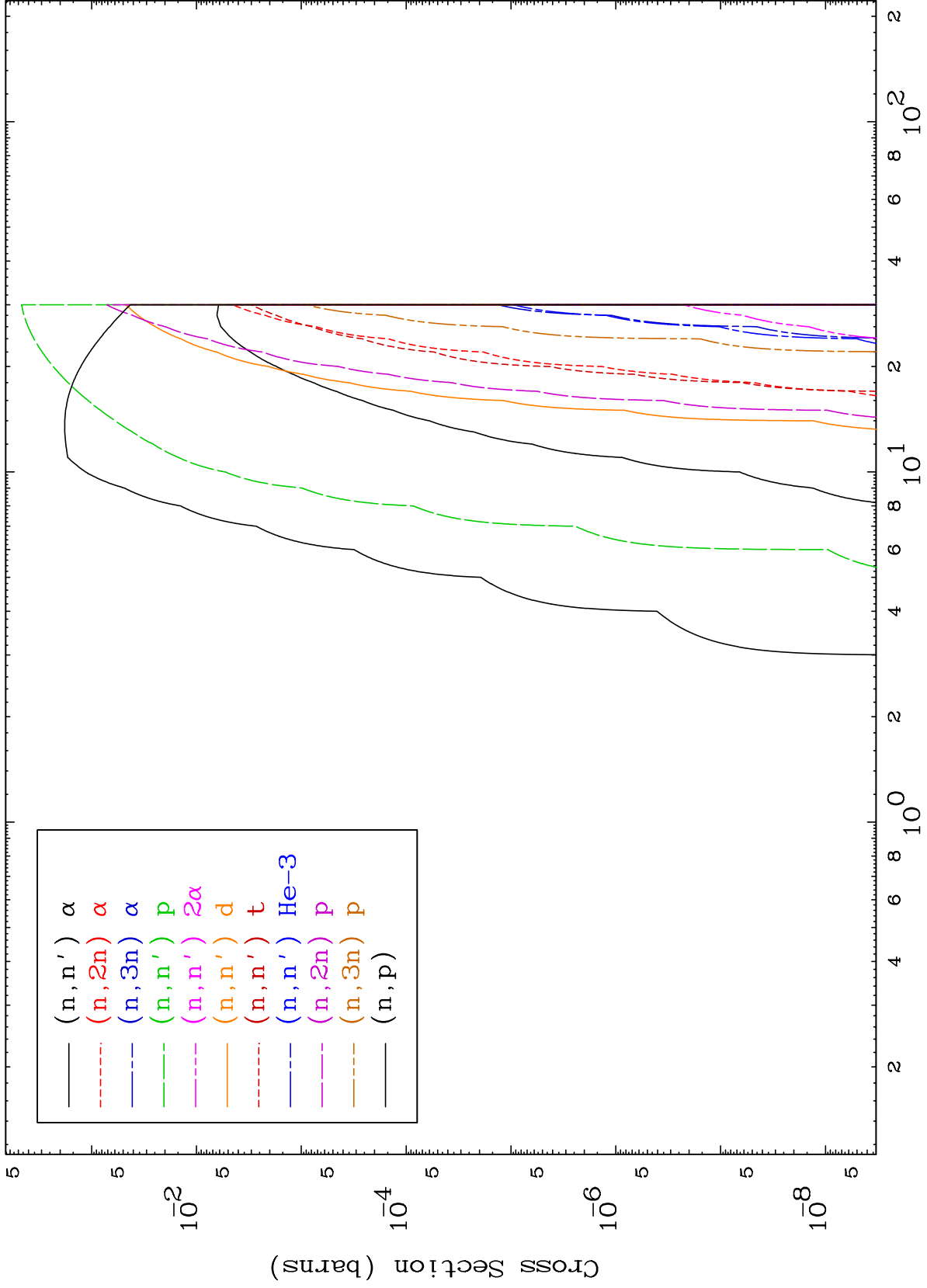
Deuteron Neutron Absorption
0 Kelvin Cross Sections

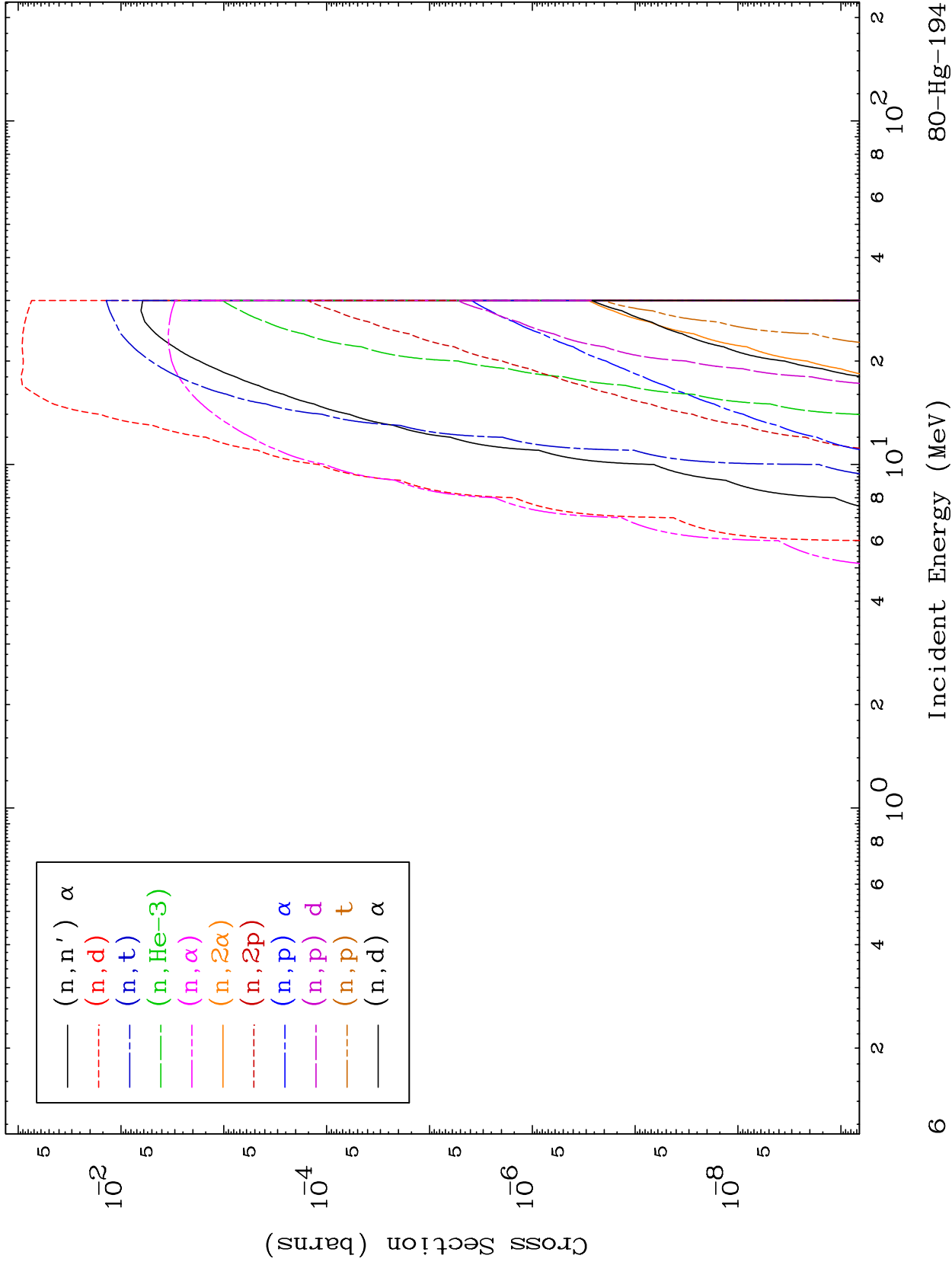
80-Hg-194









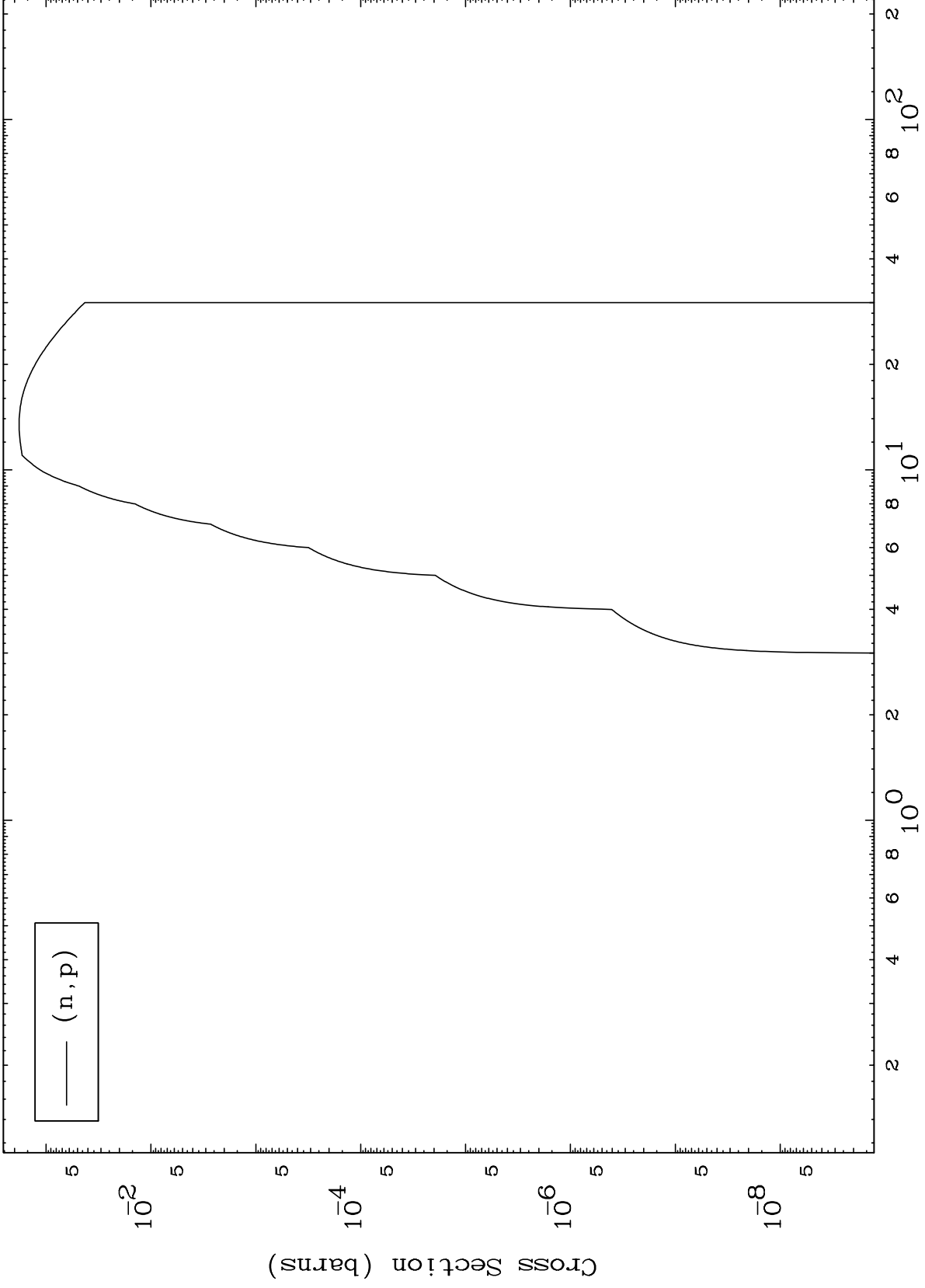


MAT 8019

(d,p) Levels

80-Hg-194

0 Kelvin Cross Sections

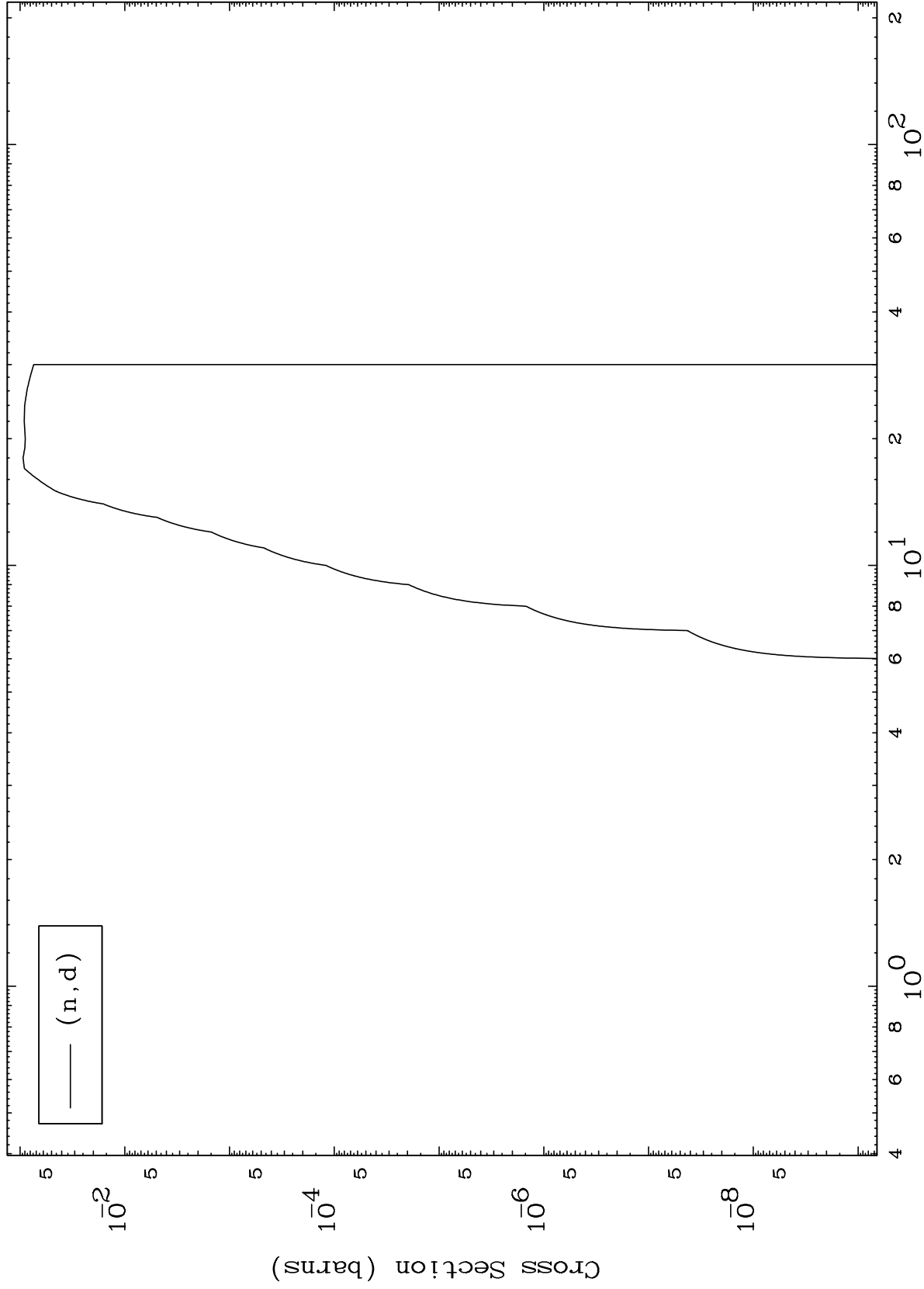


MAT 8019

(d,d) Levels

80-Hg-194

0 Kelvin Cross Sections



8

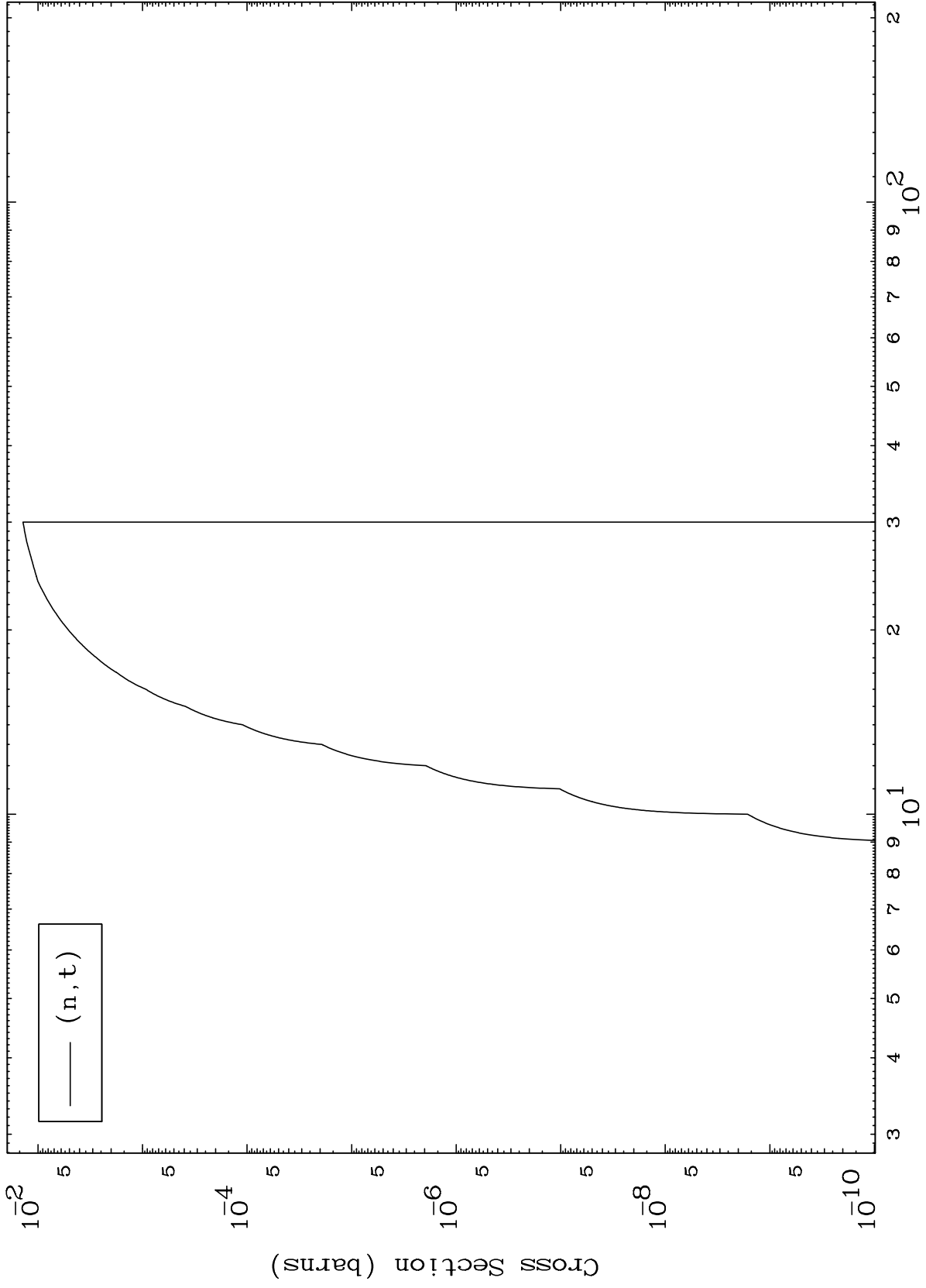
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(d,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

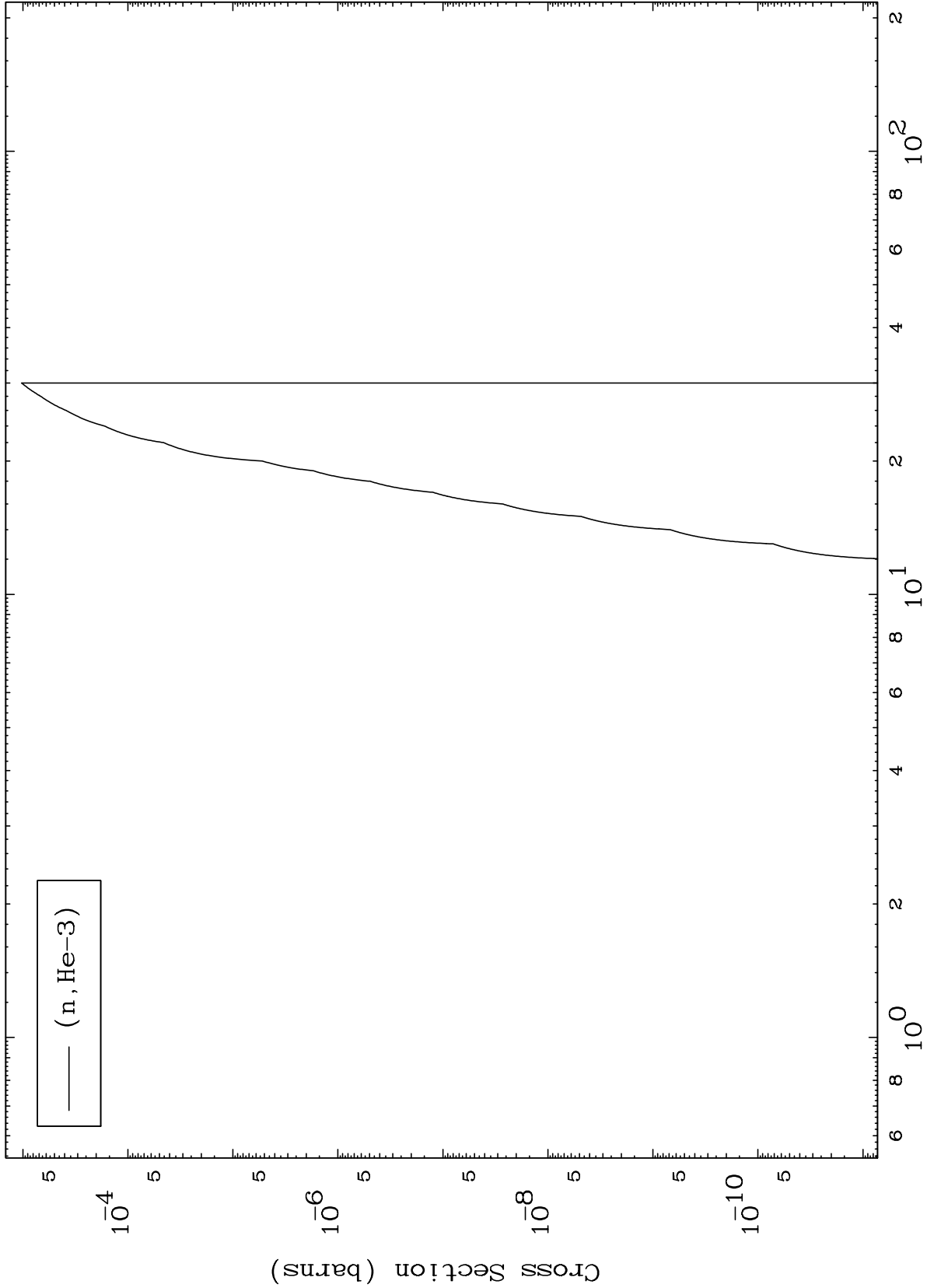
80-Hg-194

MAT 8019

(d,He3) Levels

80-Hg-194

0 Kelvin Cross Sections



10

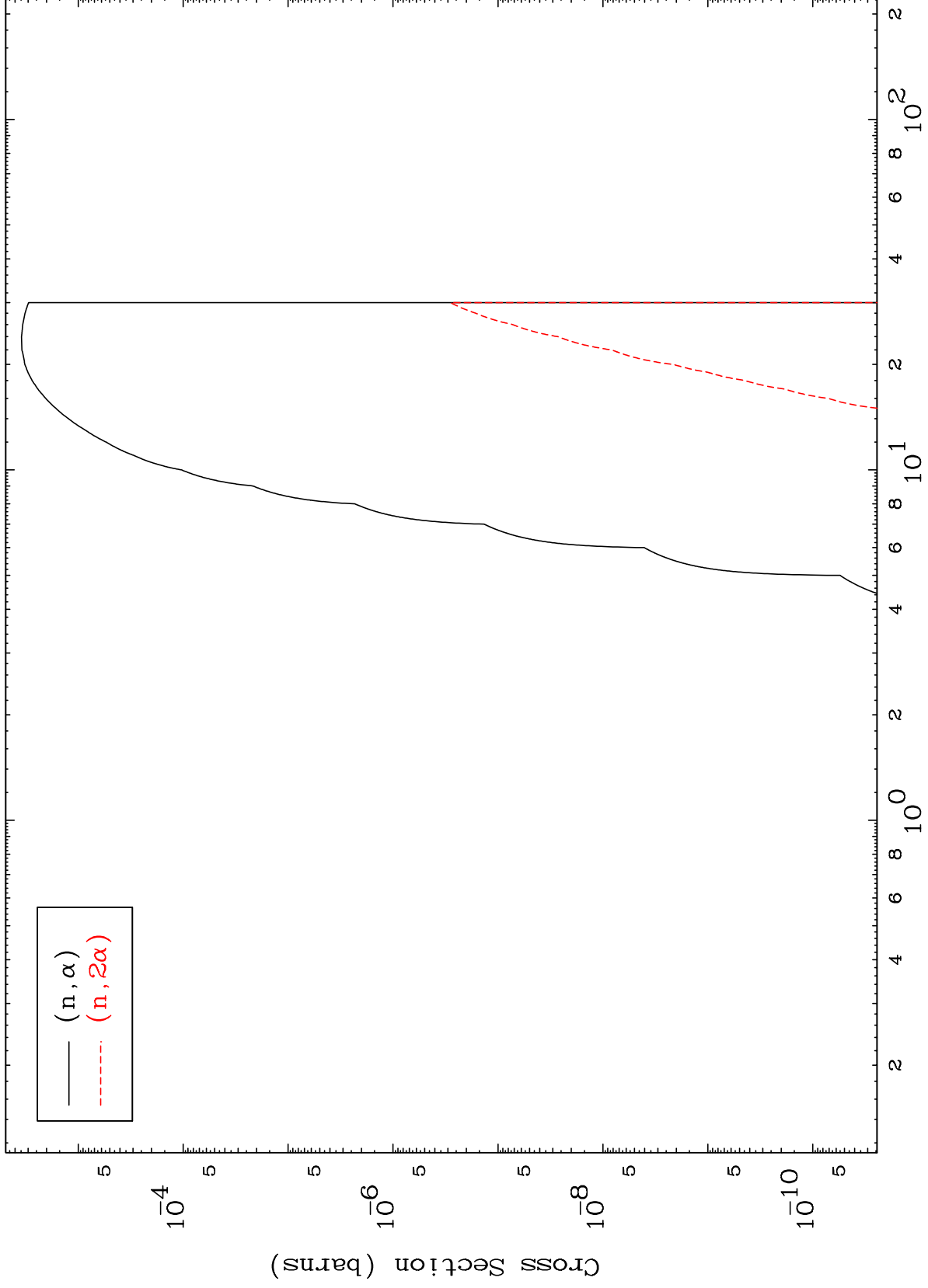
Incident Energy (MeV)

80-Hg-194

MAT 8019

(d, α) Levels
0 Kelvin Cross Sections

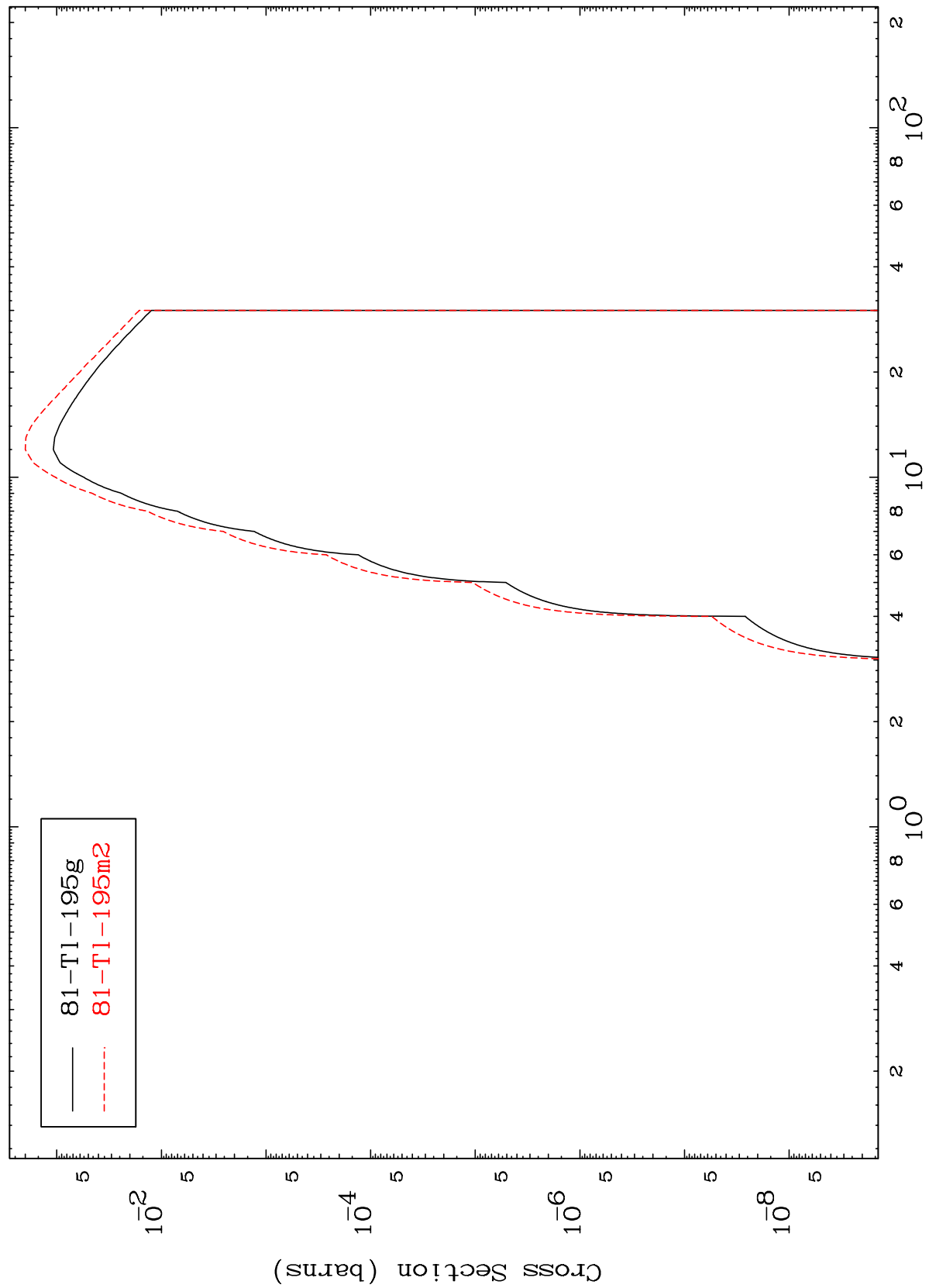
80-Hg-194



MAT 8019

80-Hg-194

Inelastic
Radionuclide Production Cross Section



80-Hg-194

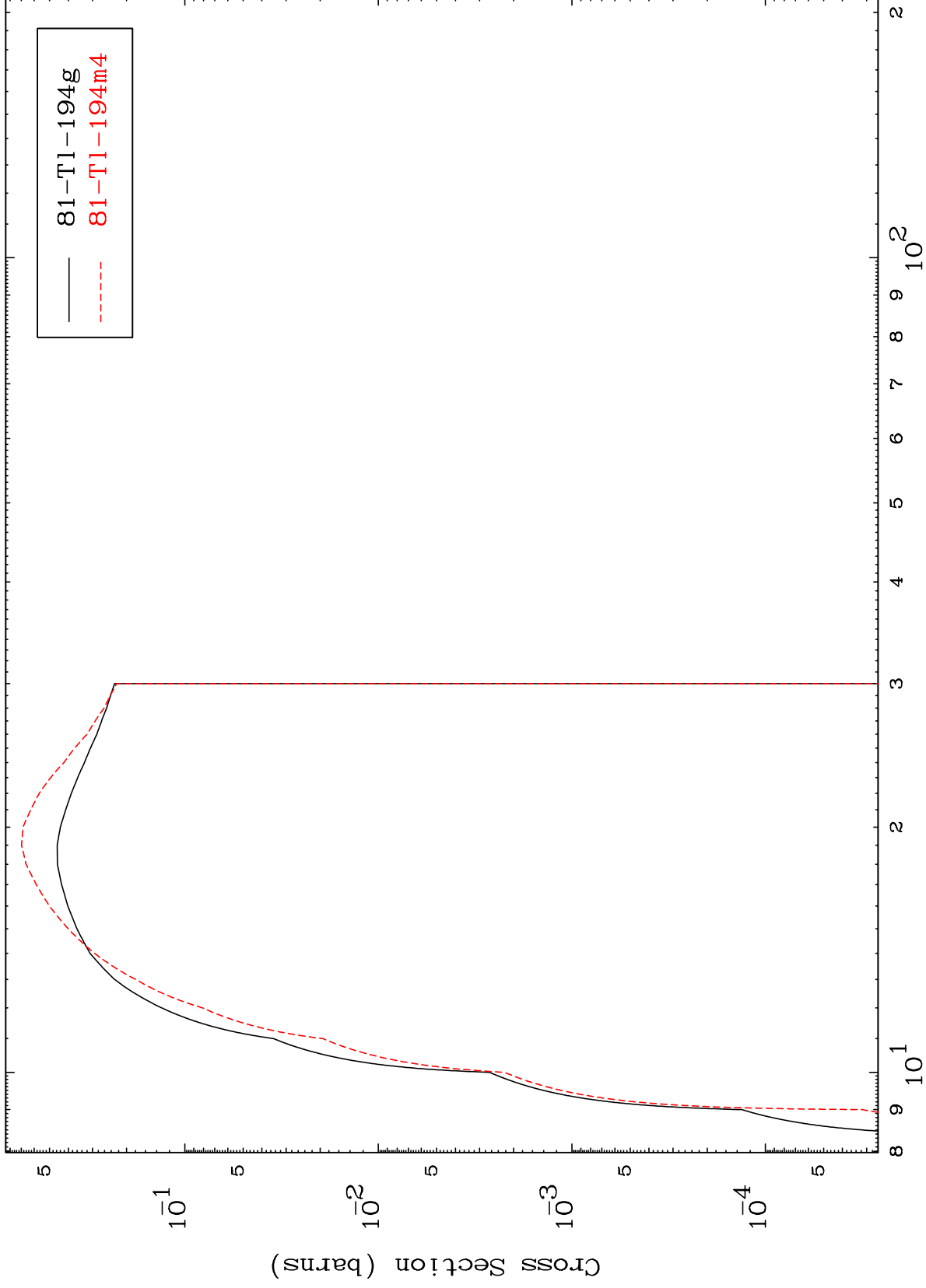
Incident Energy (MeV)

MAT 8019

(n,2n)

80-Hg-194

Radionuclide Production Cross Section



13

Incident Energy (MeV)

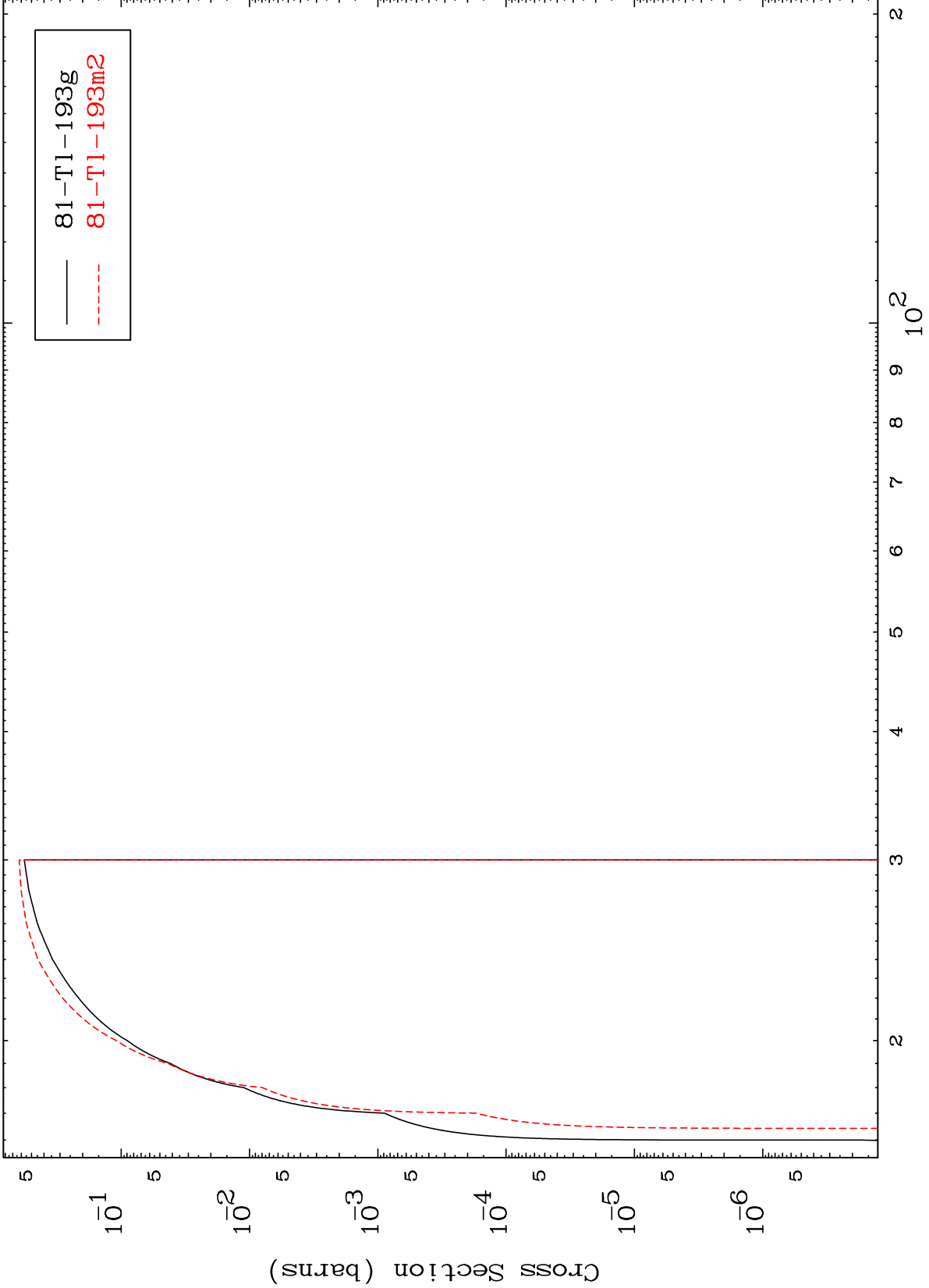
80-Hg-194

MAT 8019

(n,3n)

80-Hg-194

Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

14

Incident Energy (MeV)

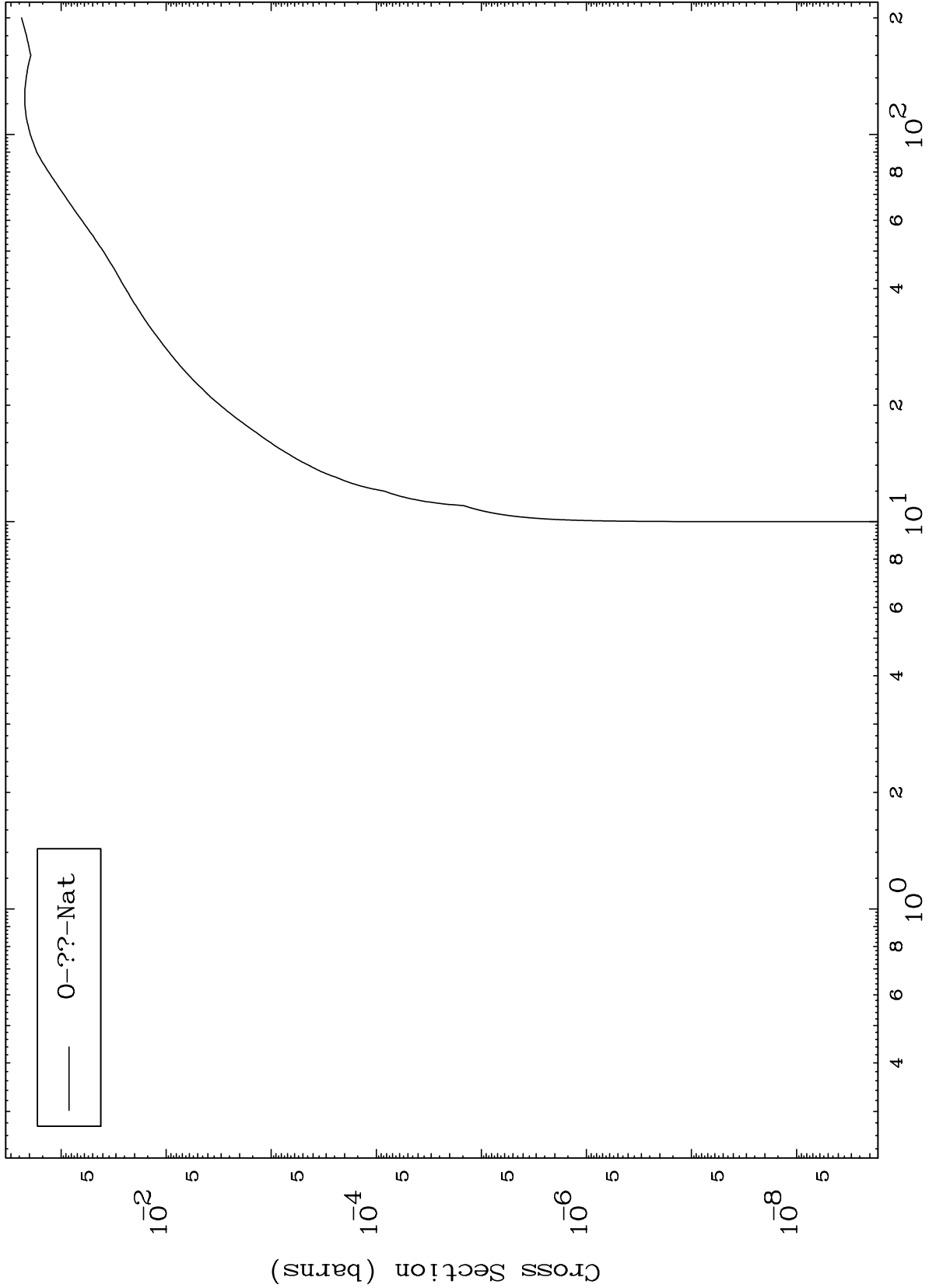
80-Hg-194

MAT 8019

Fission

80-Hg-194

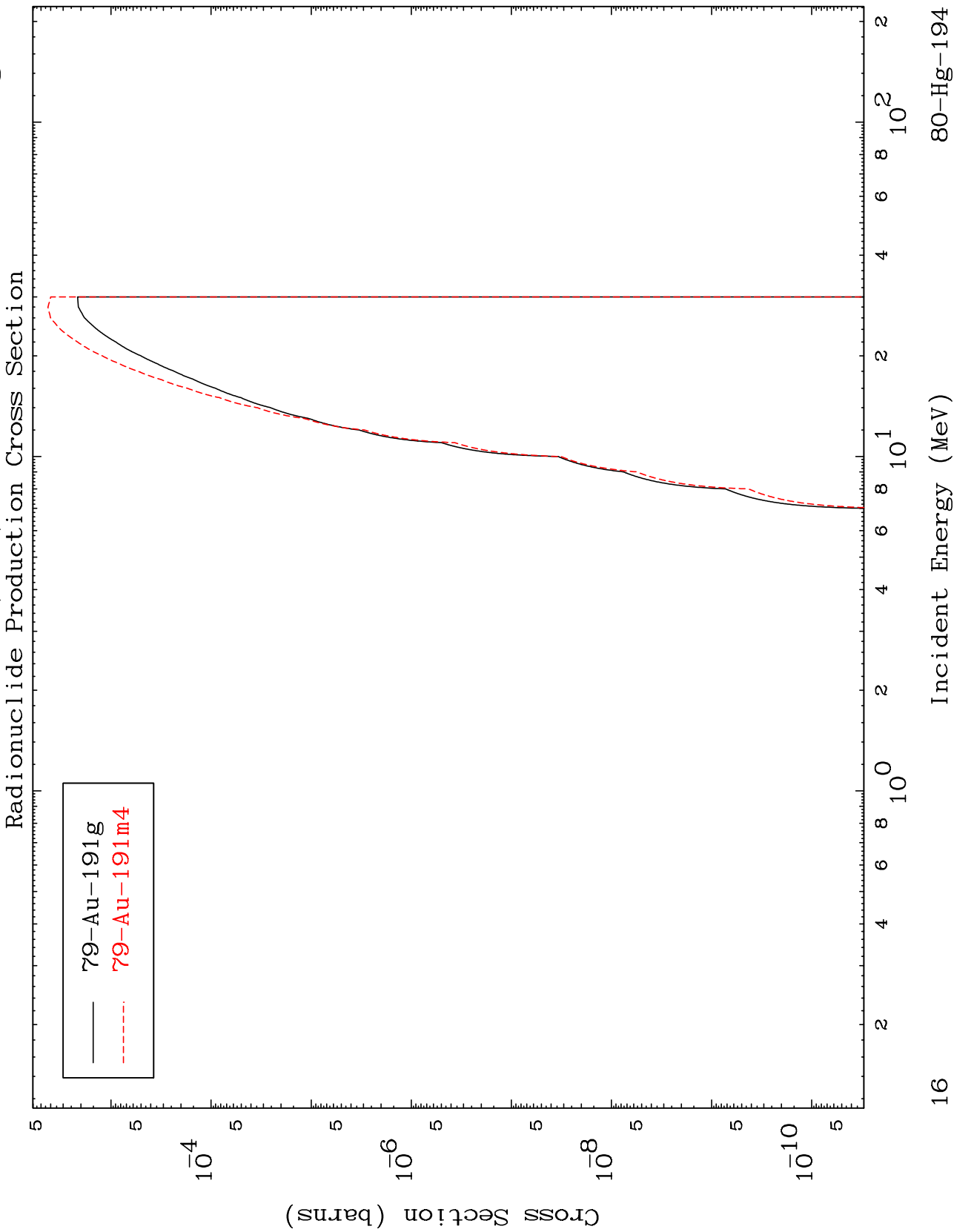
Radionuclide Production Cross Section



MAT 8019

$(n, n') \alpha$

80-Hg-194

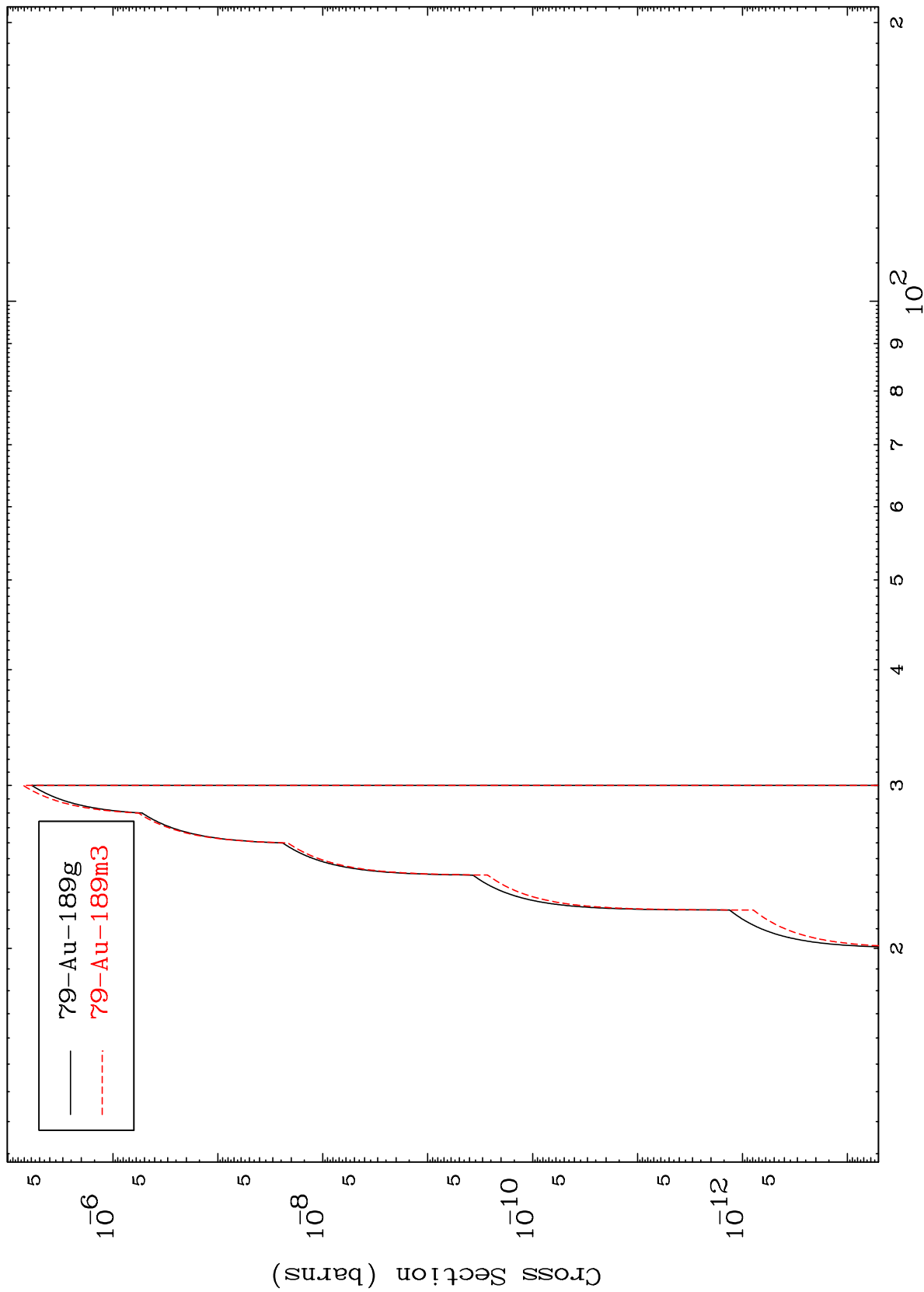


MAT 8019

(n,3n) α

80-Hg-194

Radionuclide Production Cross Section

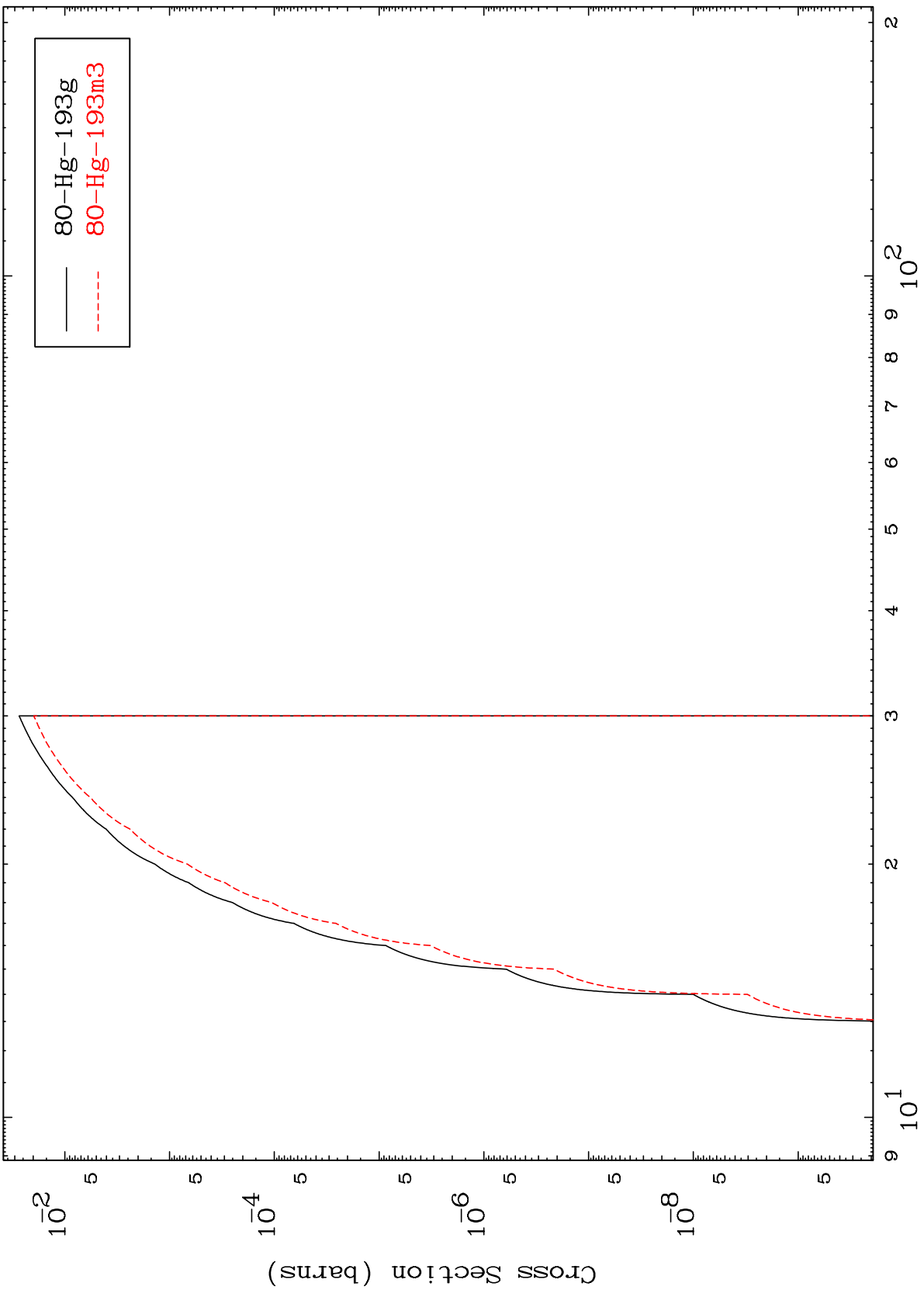


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(n,n') d

80-Hg-194

Radionuclide Production Cross Section



18

Incident Energy (MeV)

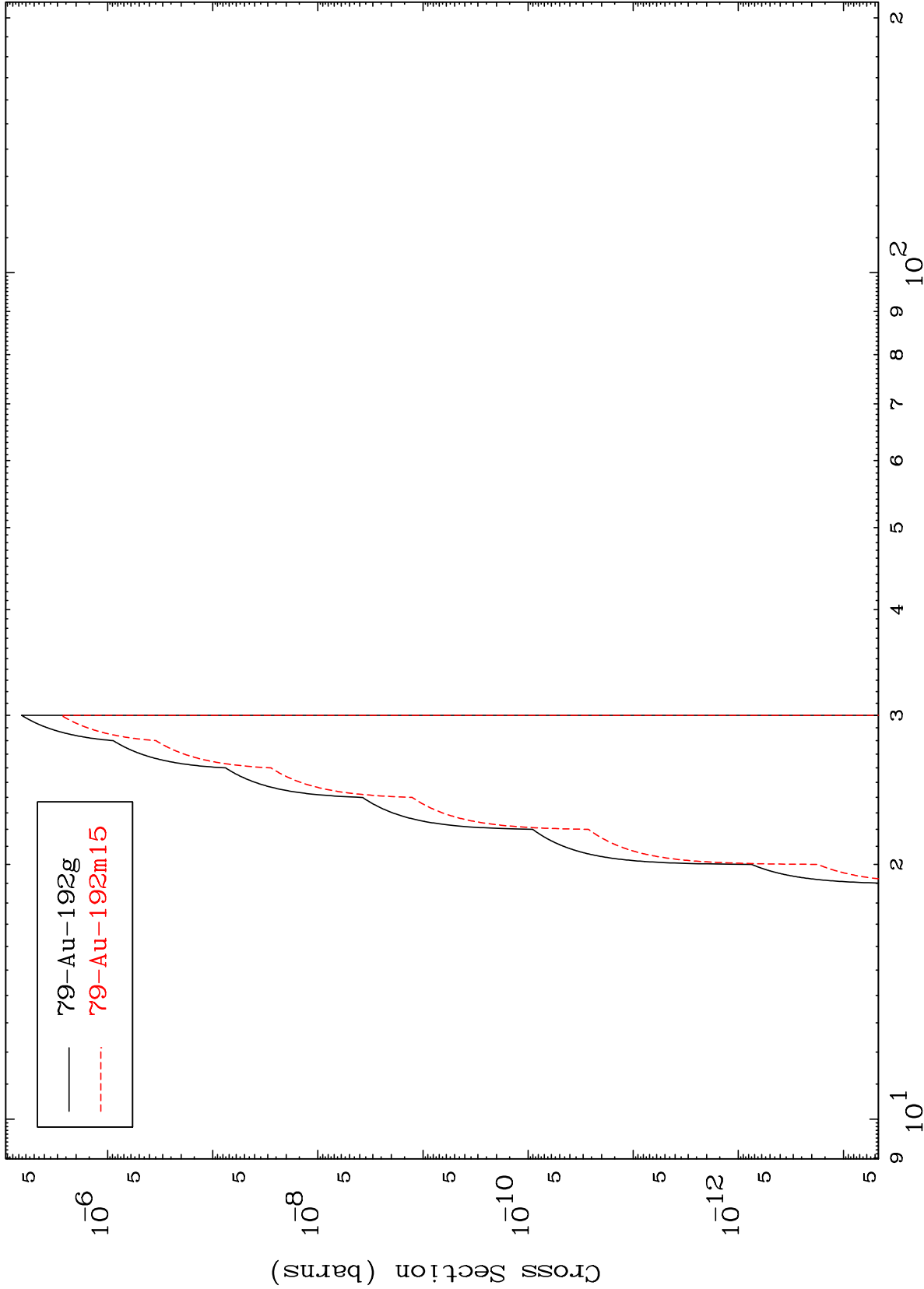
80-Hg-194

MAT 8019

(n,n') He-3

80-Hg-194

Radionuclide Production Cross Section



19

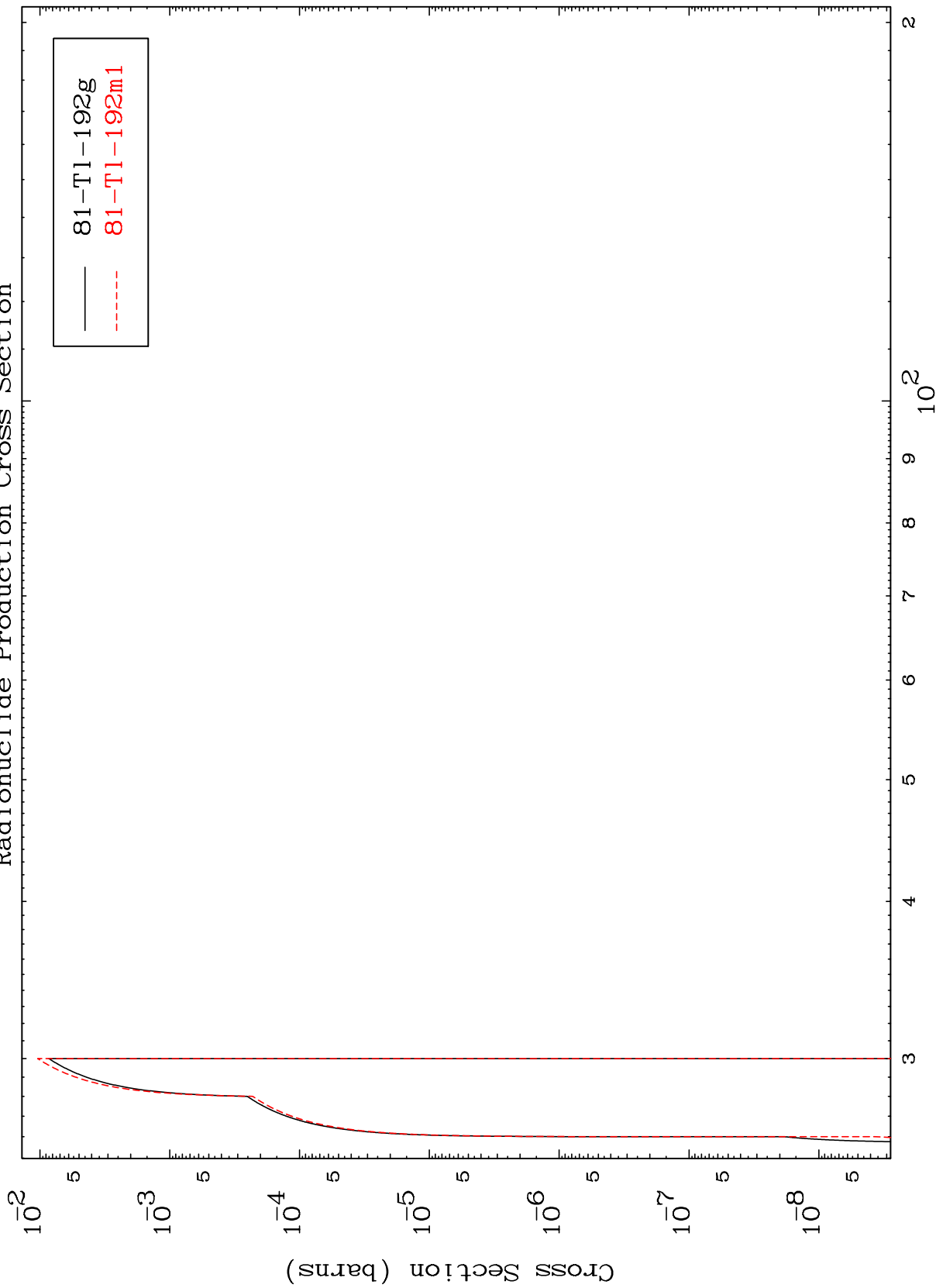
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(n,4n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

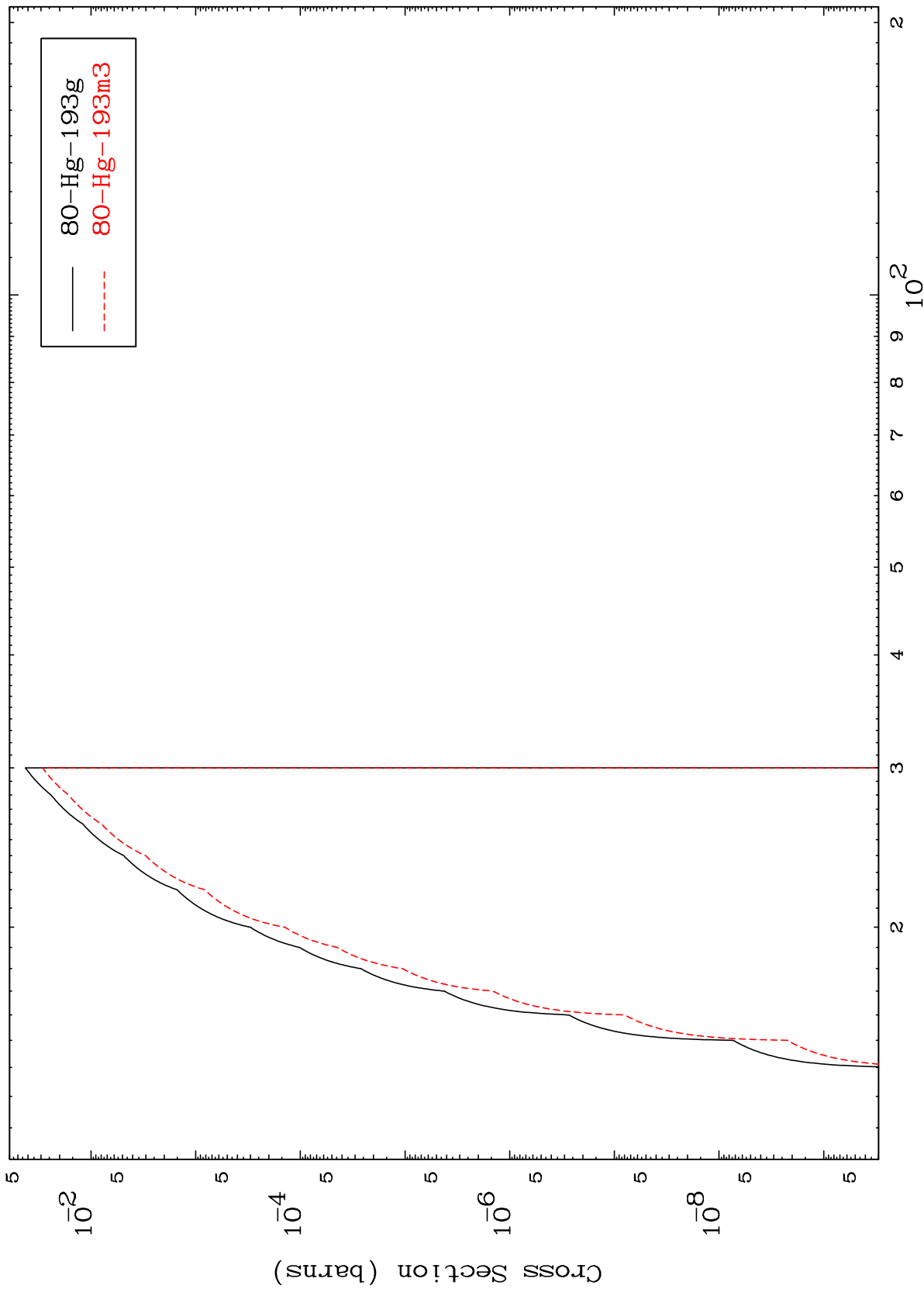
80-Hg-194

MAT 8019

(n,2n) p

80-Hg-194

Radionuclide Production Cross Section



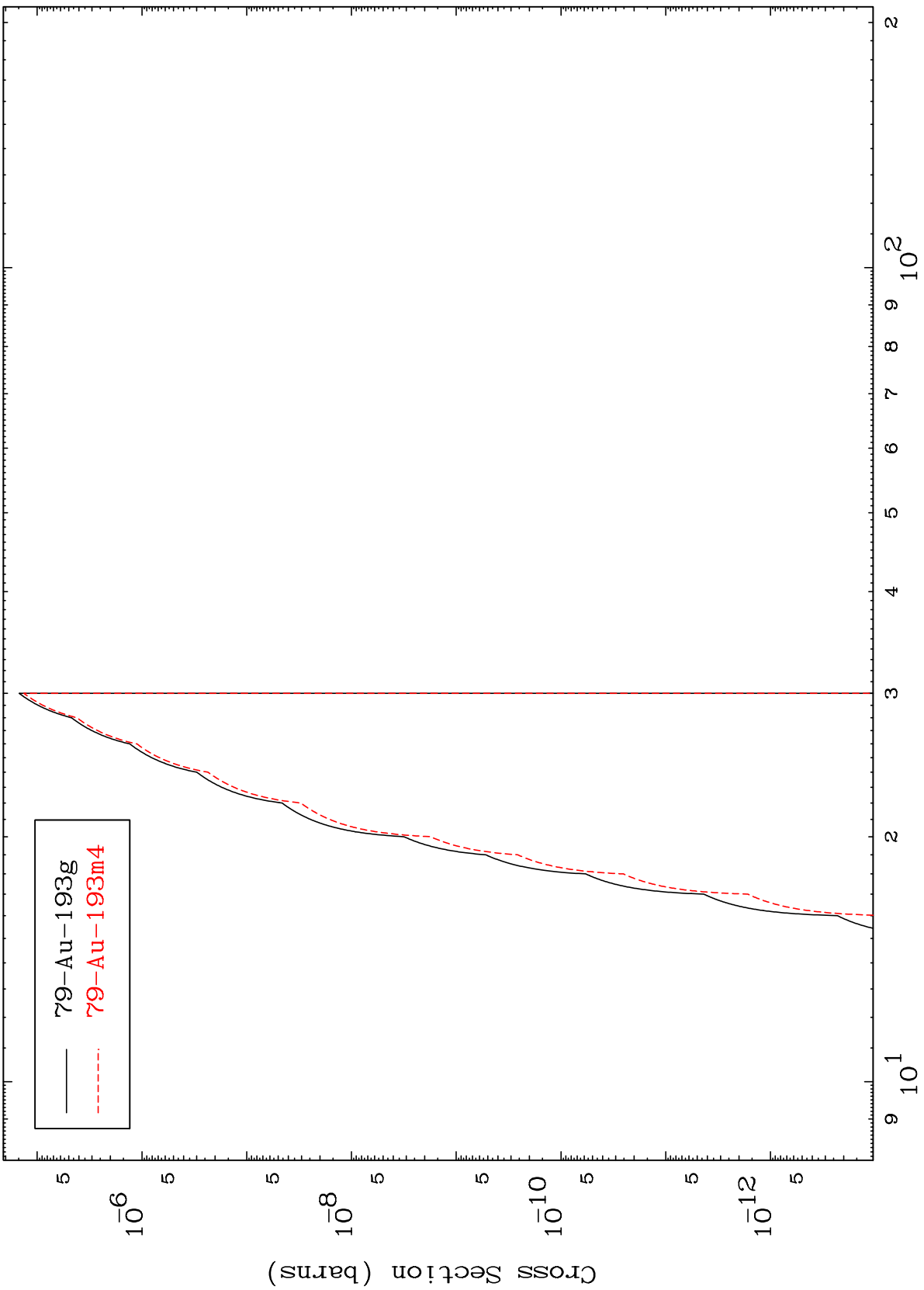
80-Hg-193g
80-Hg-193m3

MAT 8019

(n,2n) p

80-Hg-194

Radionuclide Production Cross Section



79-Au-193g
79-Au-193m4

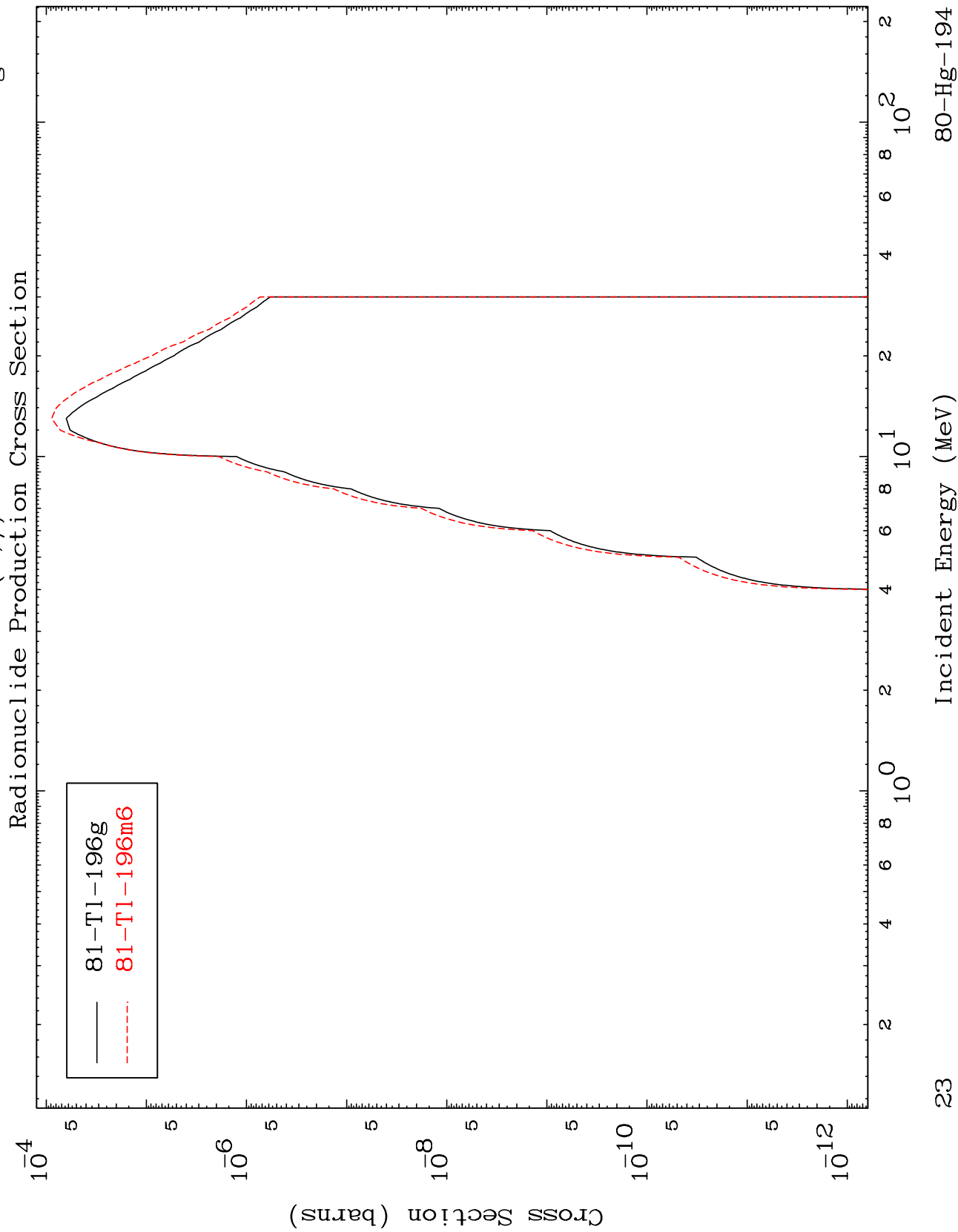
22

Incident Energy (MeV)

80-Hg-194

MAT 8019

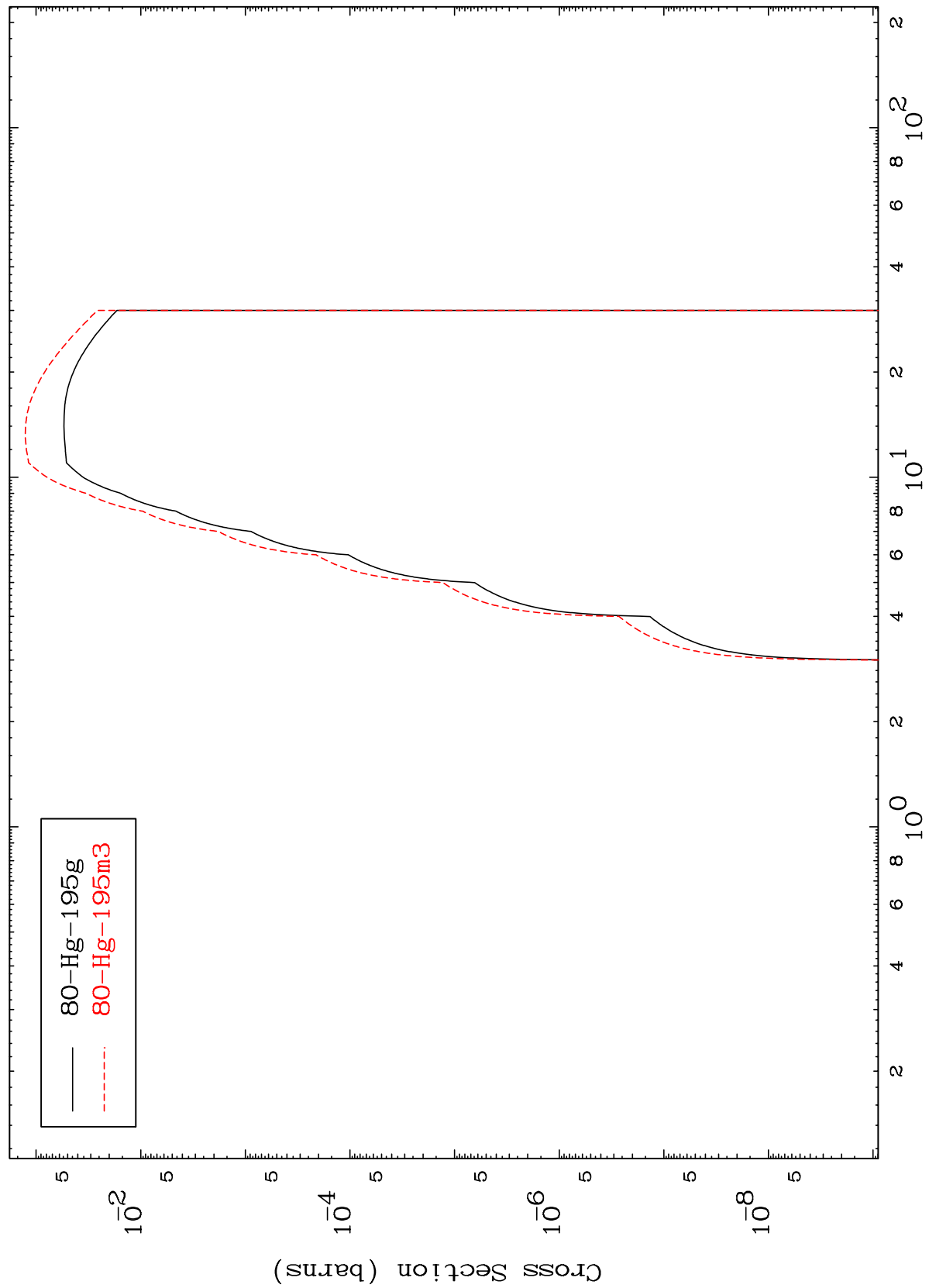
80-Hg-194



MAT 8019

80-Hg-194

(n,p)
Radionuclide Production Cross Section

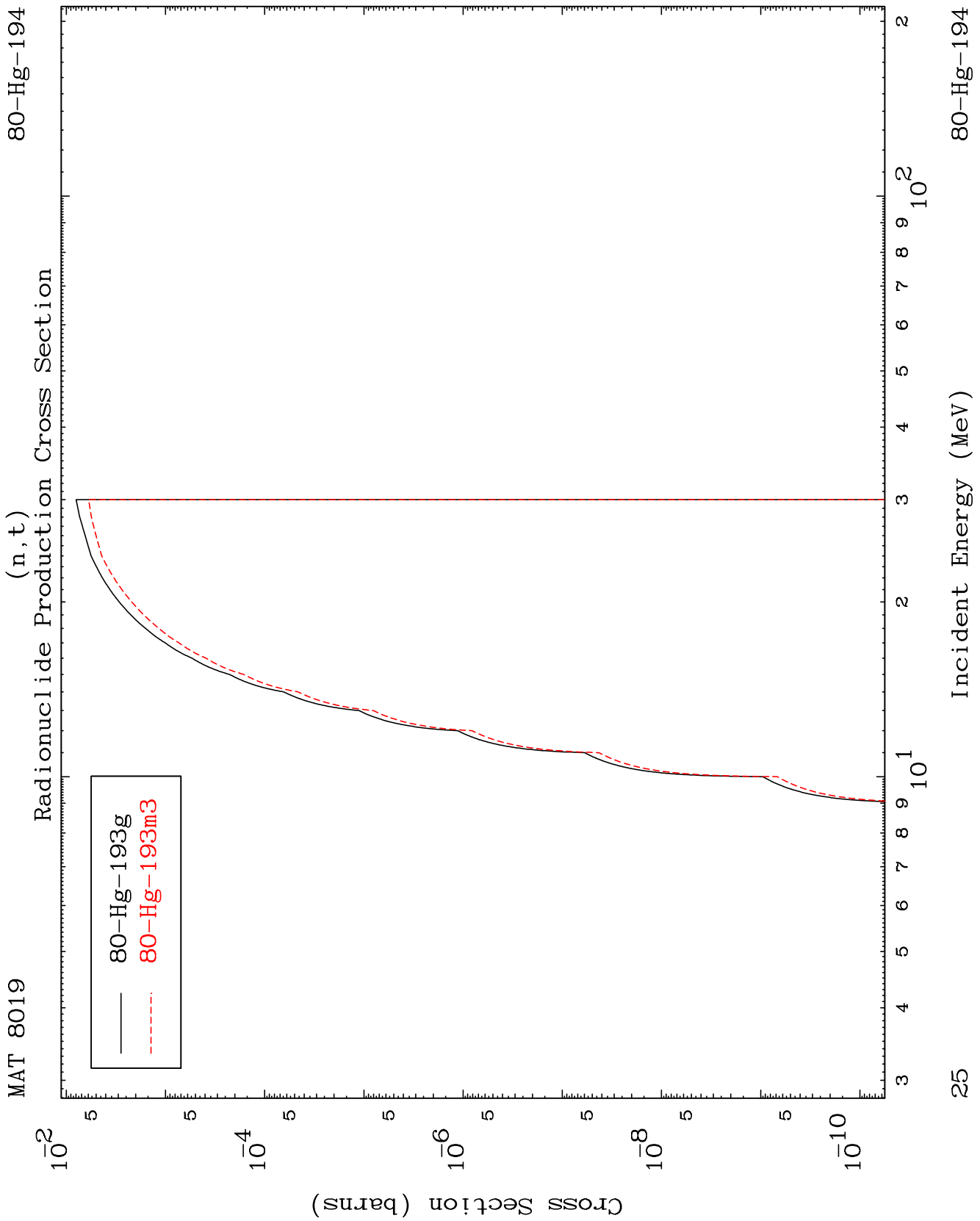


80-Hg-195g
80-Hg-195m3

80-Hg-194

Incident Energy (MeV)

24

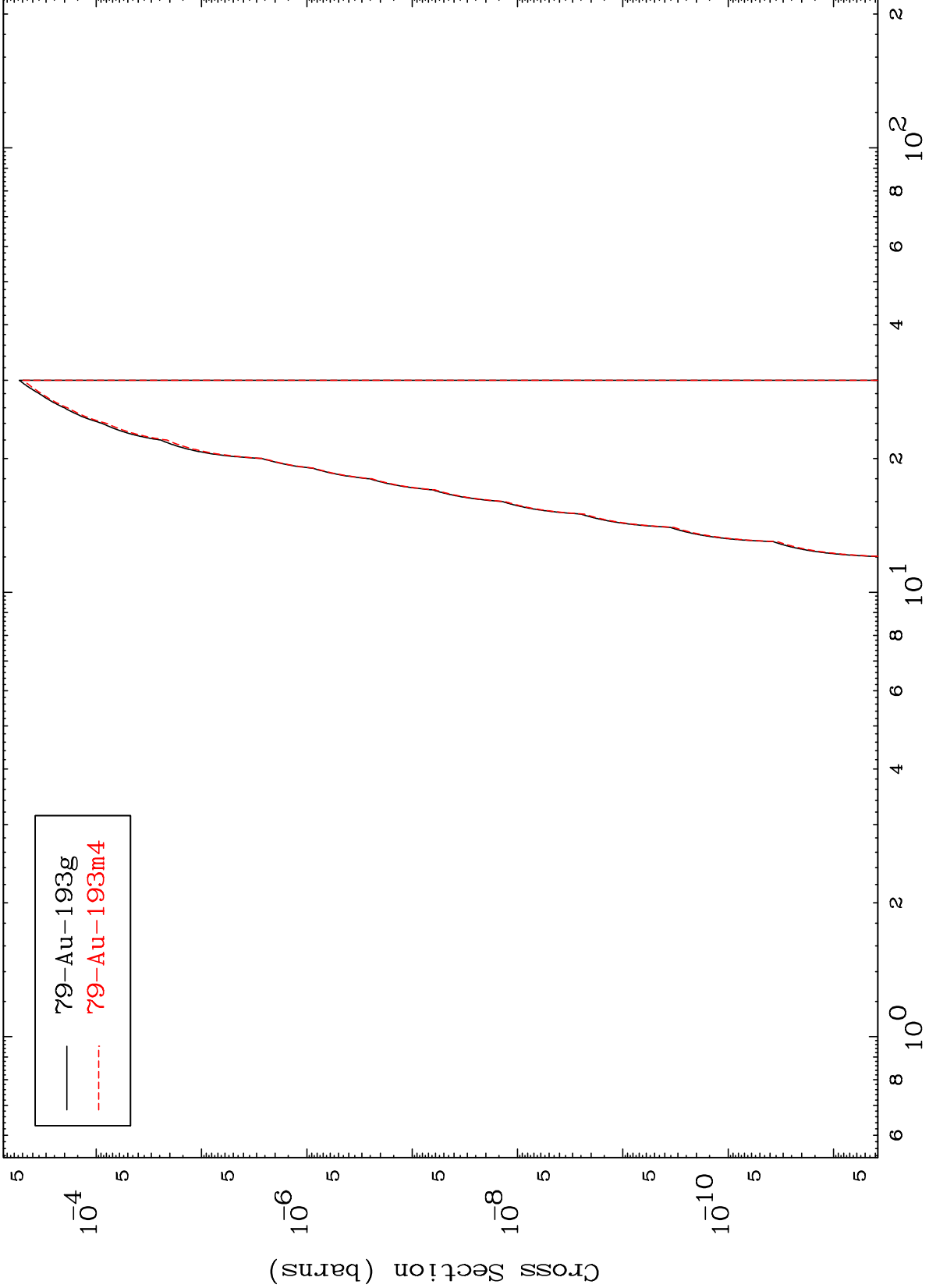


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(n,He-3)

80-Hg-194

Radionuclide Production Cross Section



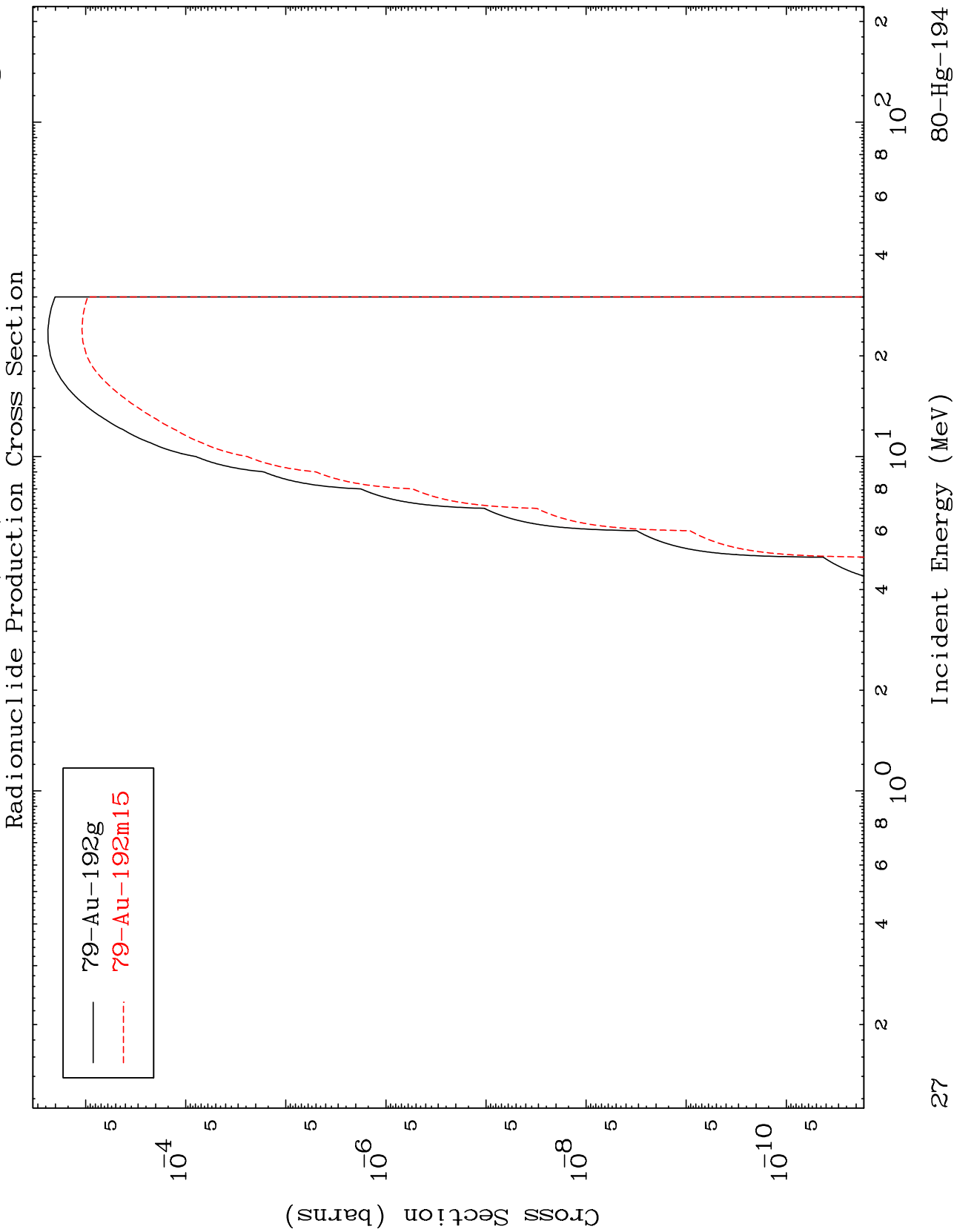
26

Incident Energy (MeV)

80-Hg-194

MAT 8019

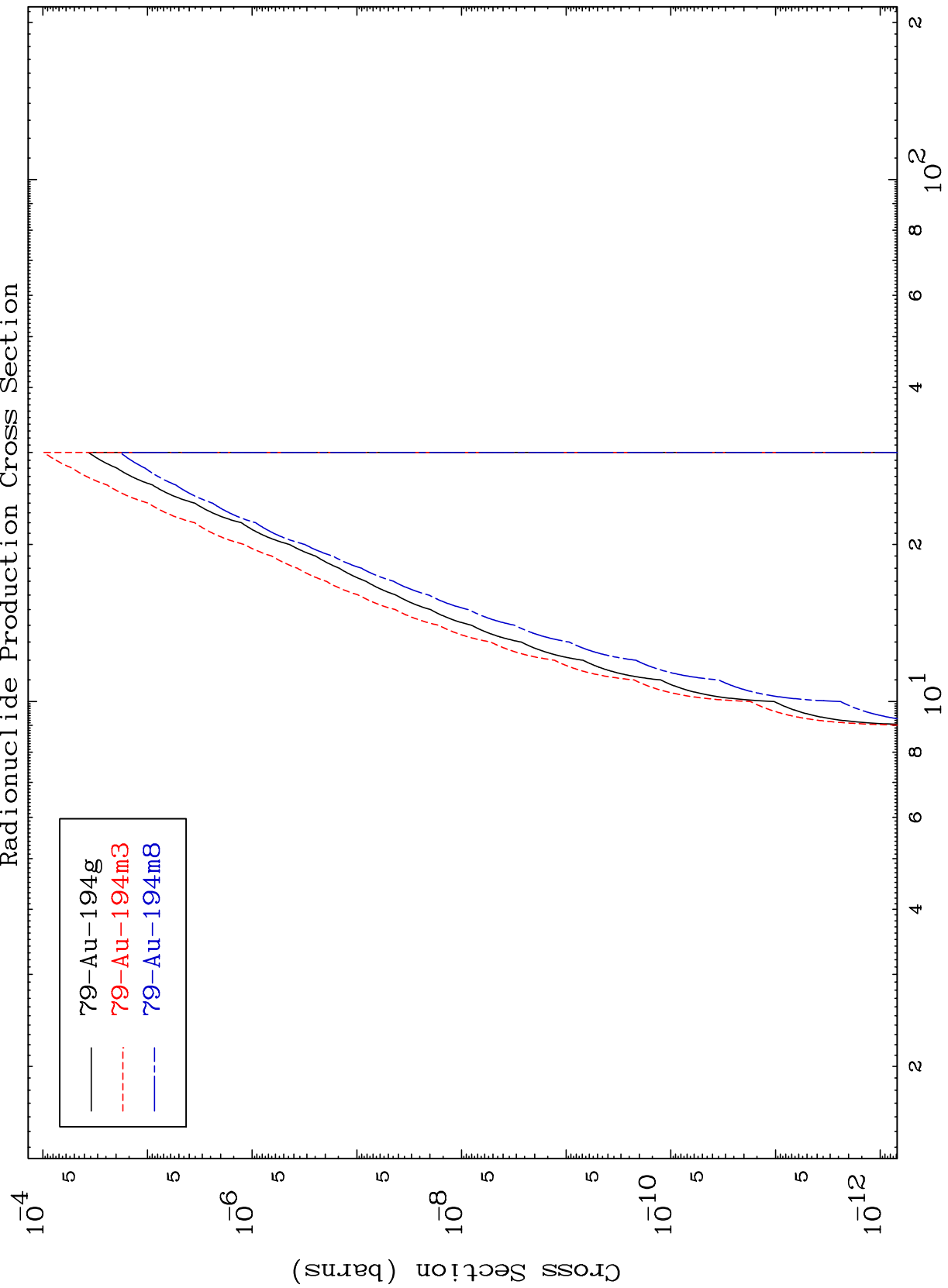
80-Hg-194



MAT 8019

80-Hg-194

(n,2p)
Radionuclide Production Cross Section



28

80-Hg-194

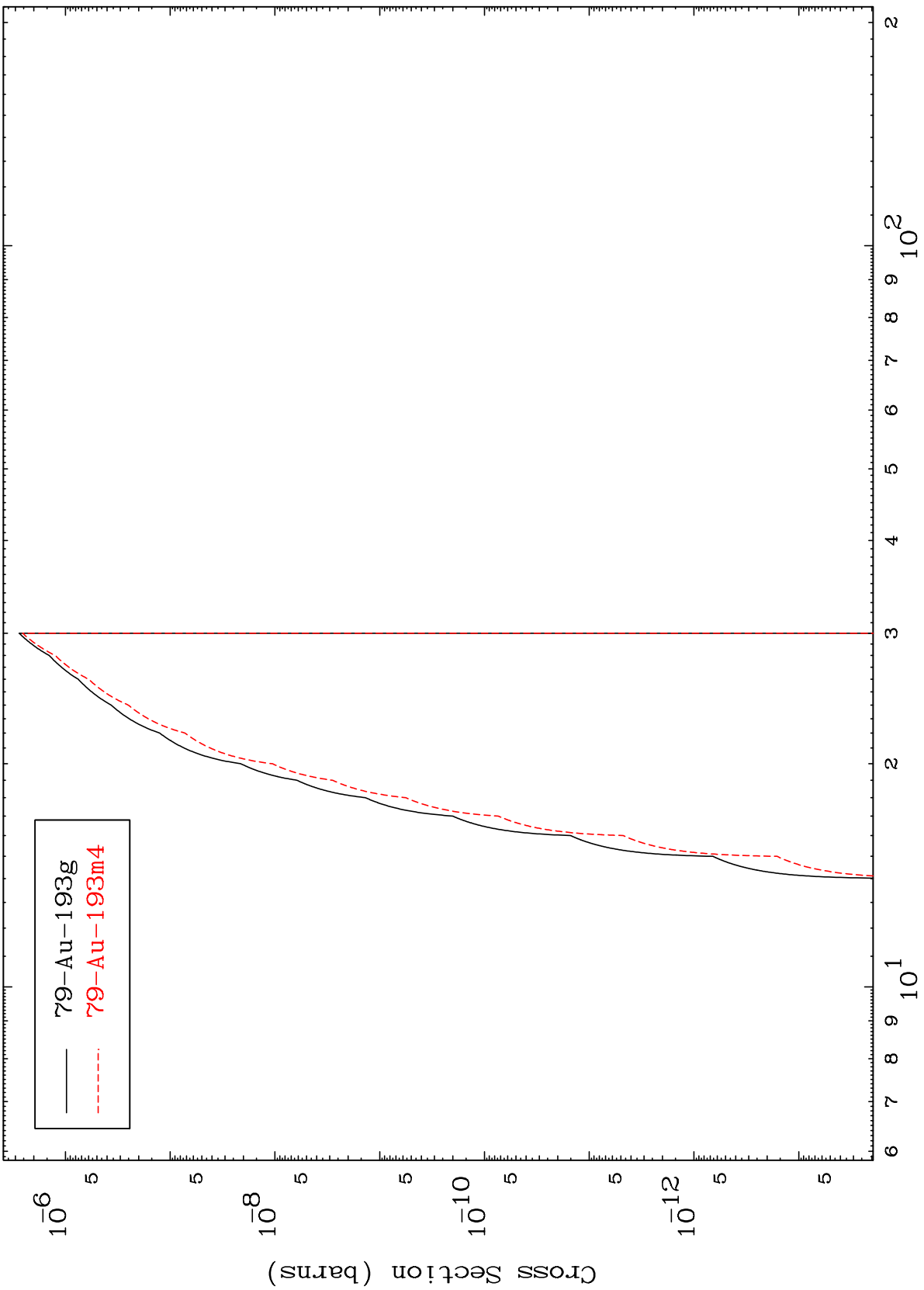
Incident Energy (MeV)

MAT 8019

(n,p) d

80-Hg-194

Radionuclide Production Cross Section



29

Incident Energy (MeV)

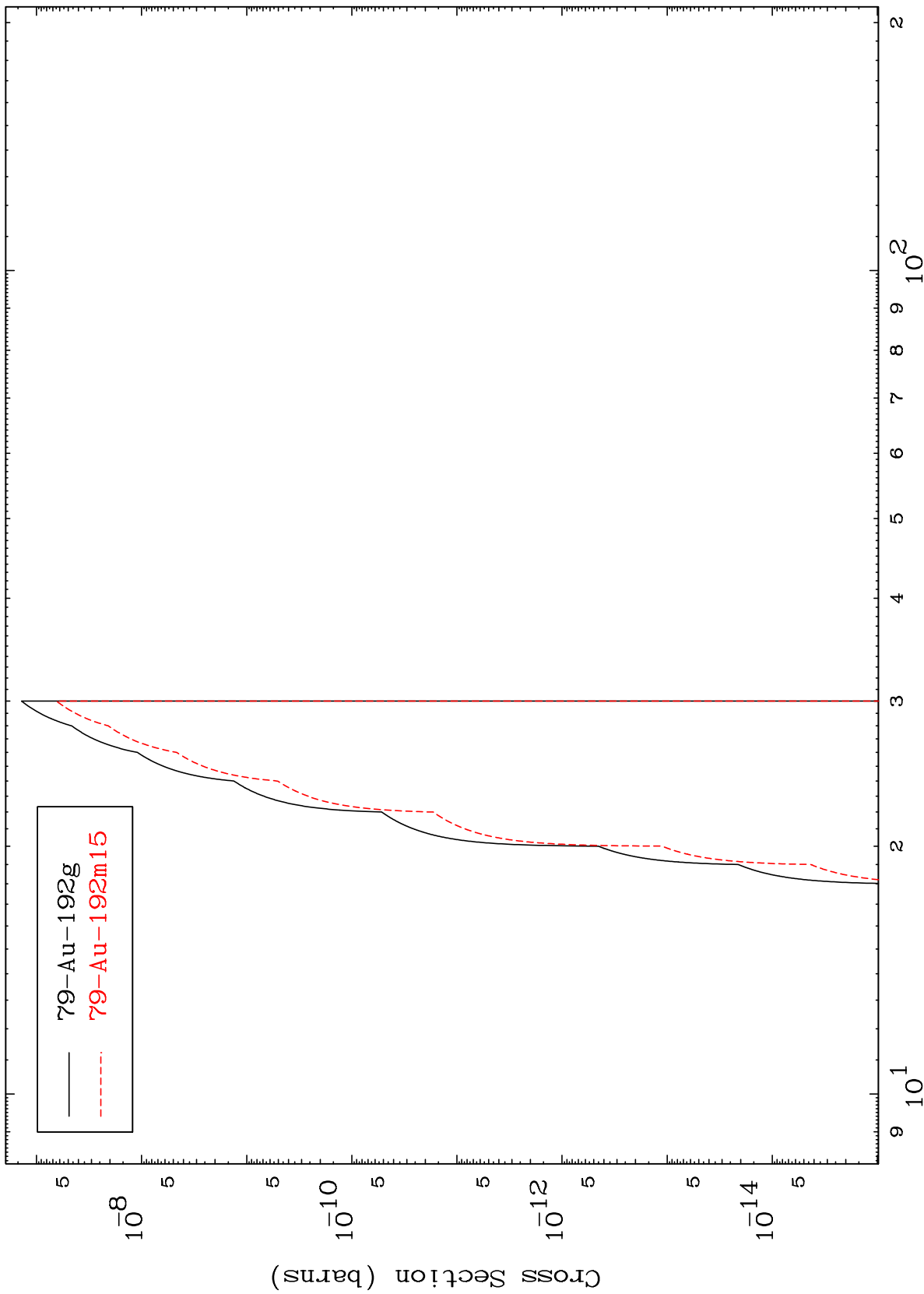
80-Hg-194

MAT 8019

(n,p) t

80-Hg-194

Radionuclide Production Cross Section



30

Incident Energy (MeV)

80-Hg-194