

Program EVALPLOT
(Version 2018-1)

by

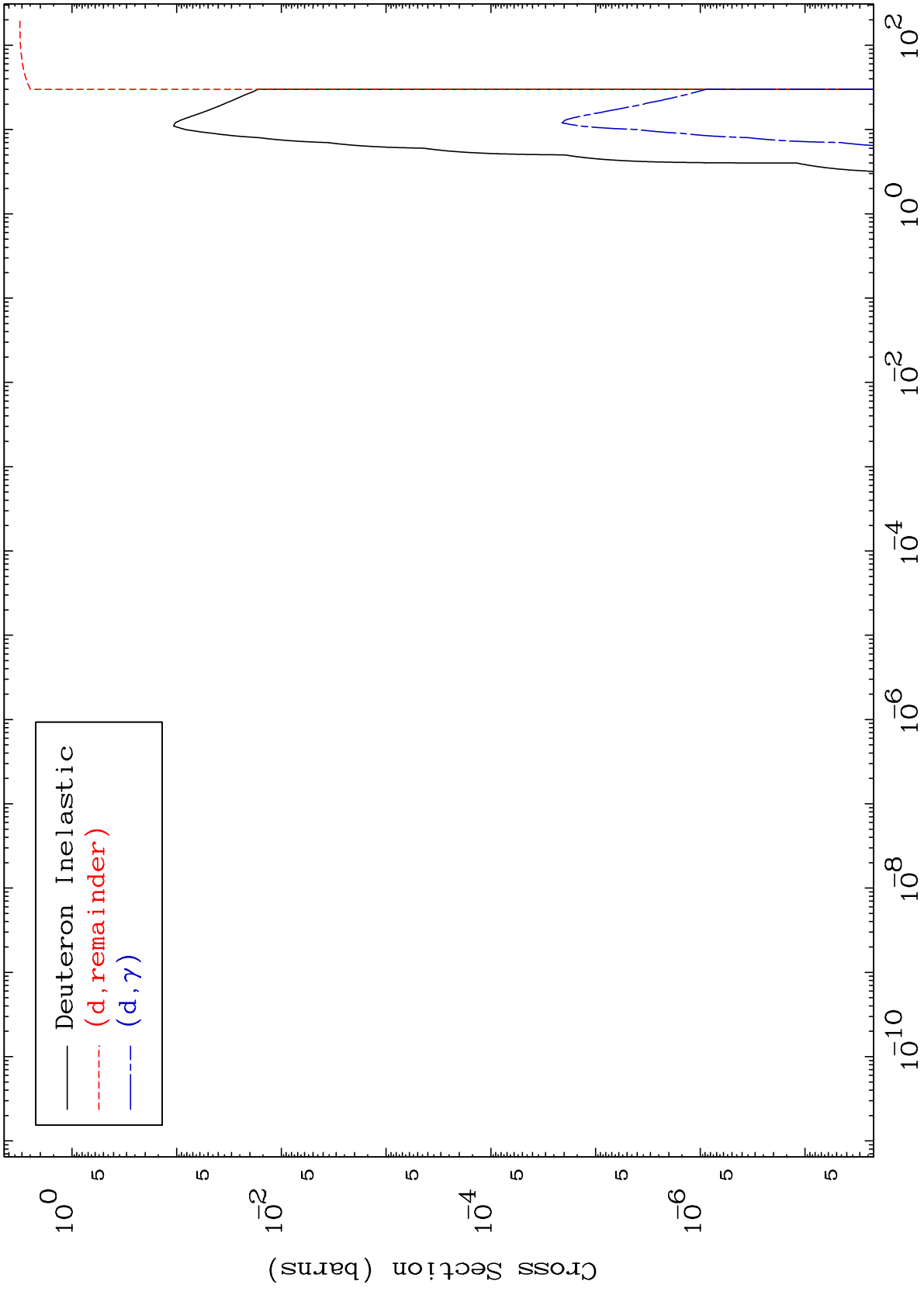
Dermott E. Cullen
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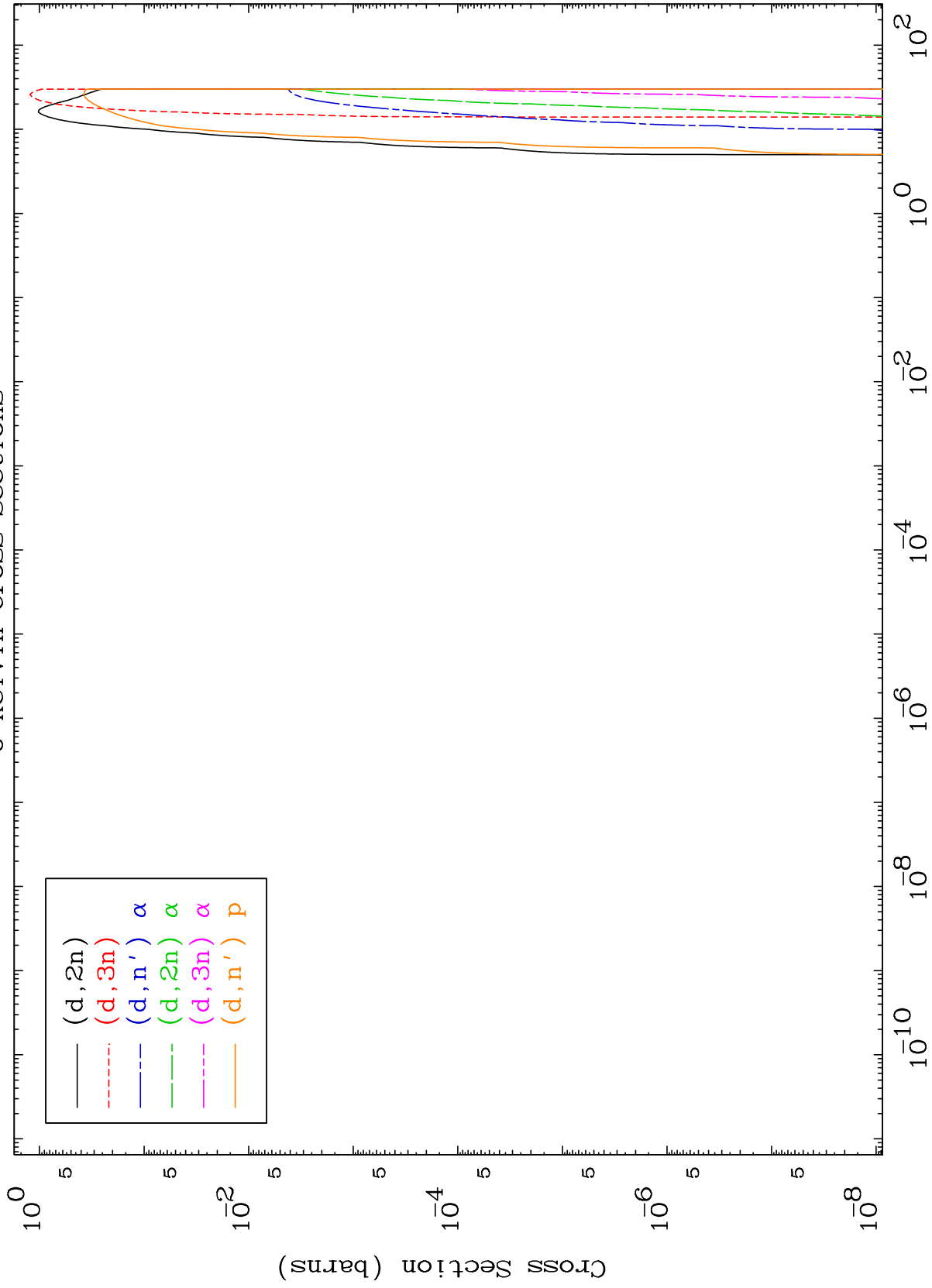
Press Mouse Button to Start



MAT 8029

Deuteron Neutron Production
0 Kelvin Cross Sections

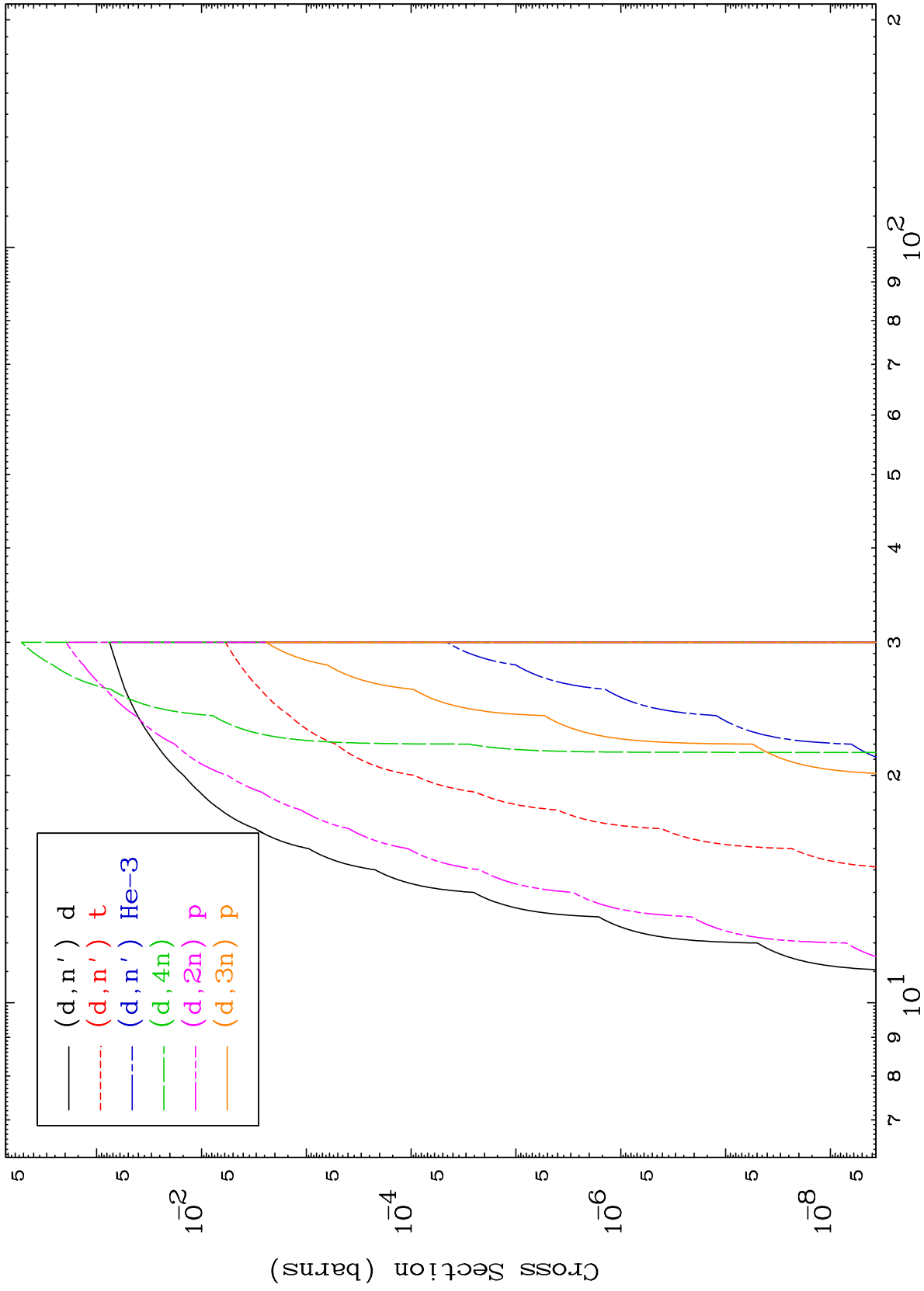
80-Hg-197



2

Incident Energy (MeV)

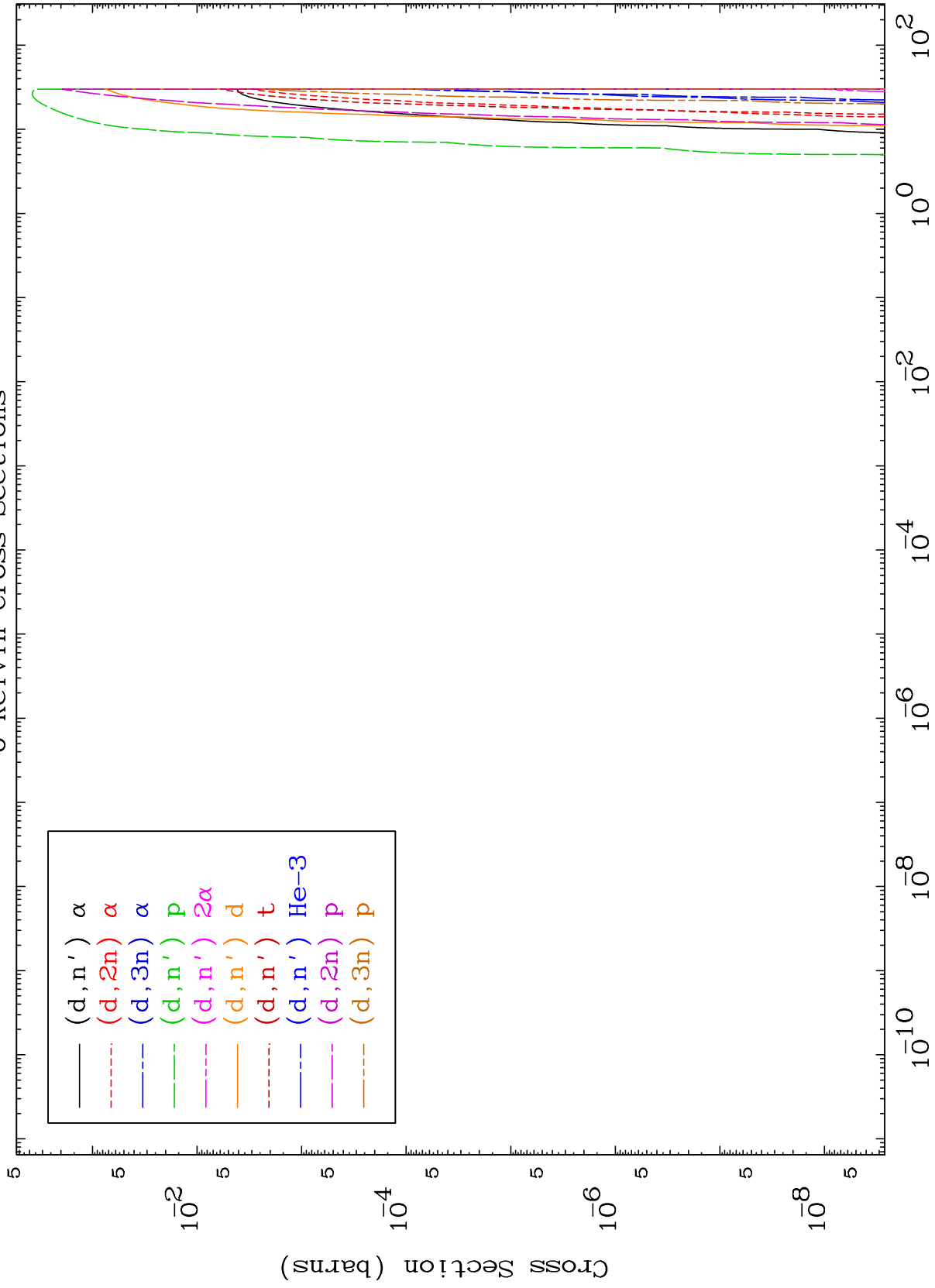
80-Hg-197



MAT 8029

Deuteron Charged Particle
0 Kelvin Cross Sections

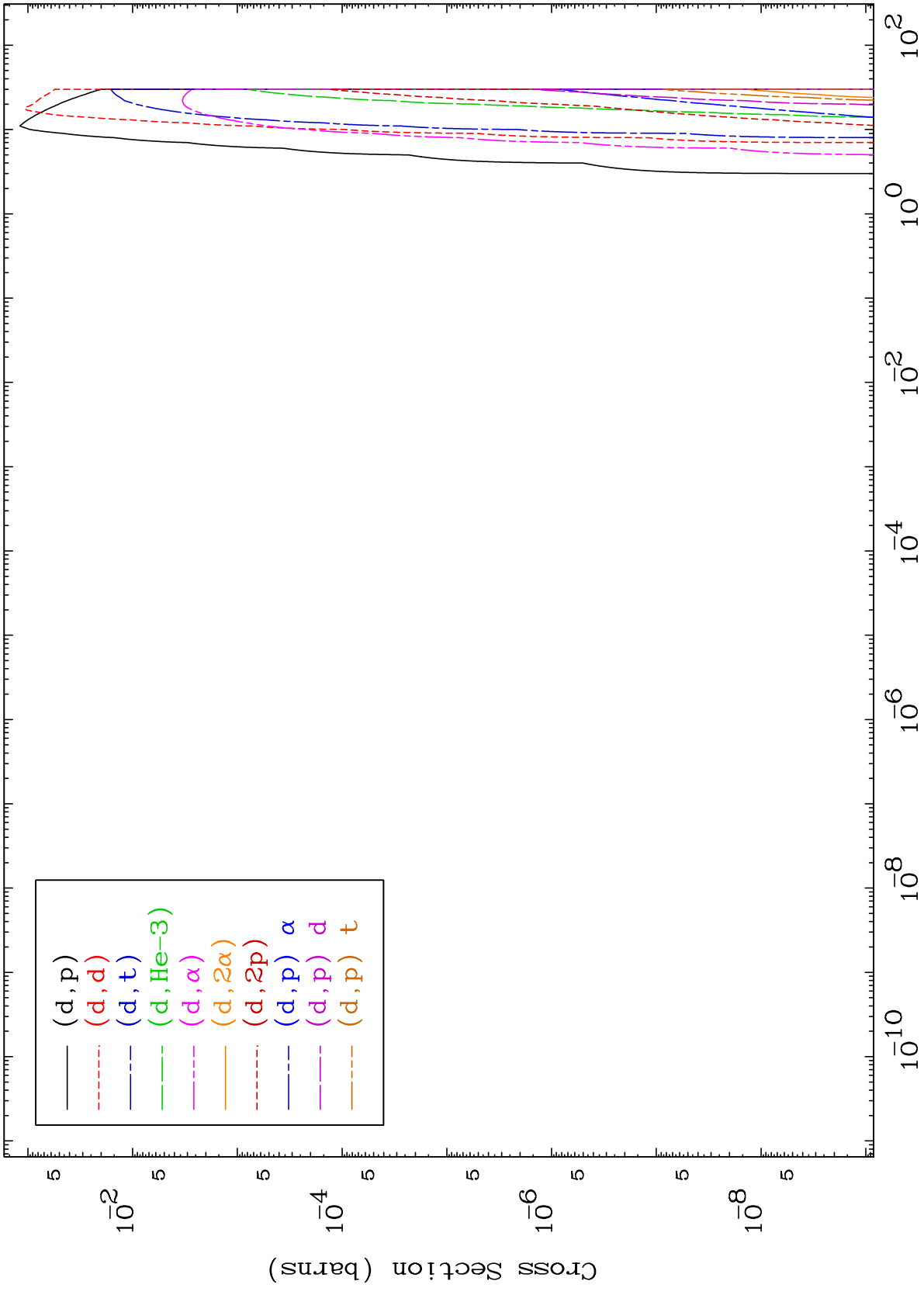
80-Hg-197



MAT 8029

Deuteron Charged Particle
0 Kelvin Cross Sections

80-Hg-197



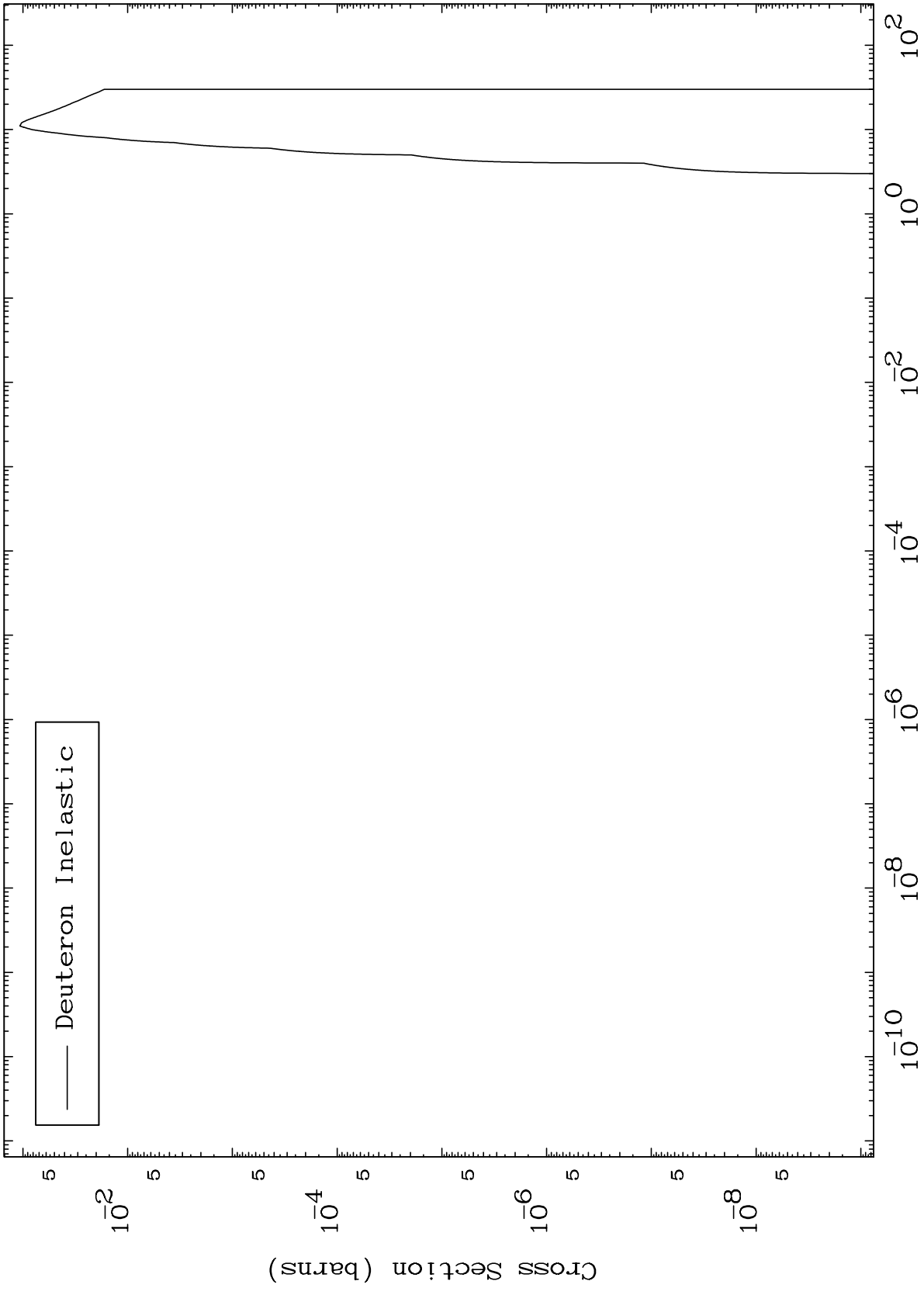
5

80-Hg-197

MAT 8029

(d,n') Level
0 Kelvin Cross Sections

80-Hg-197

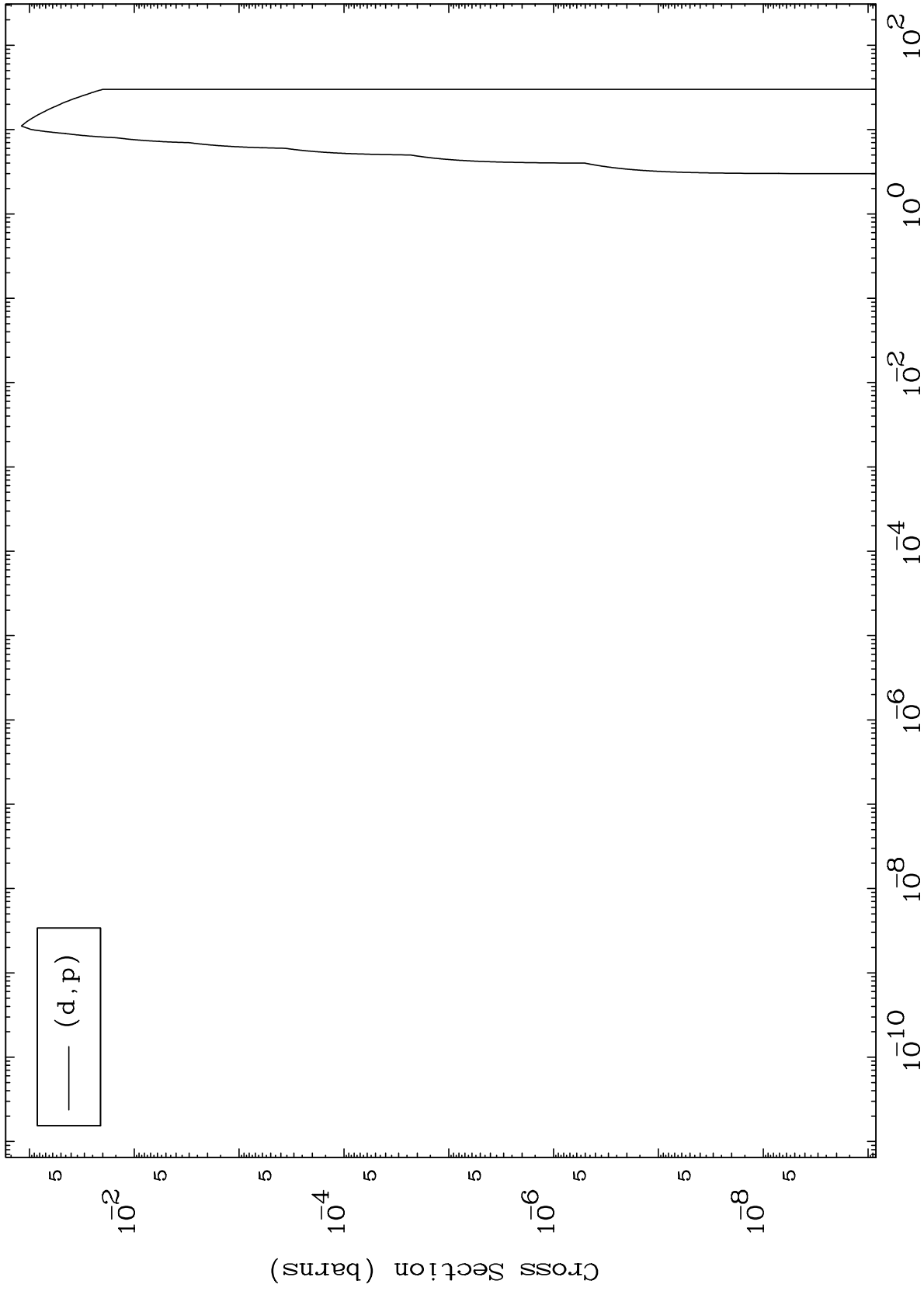


80-Hg-197

MAT 8029

(d,p) Levels
0 Kelvin Cross Sections

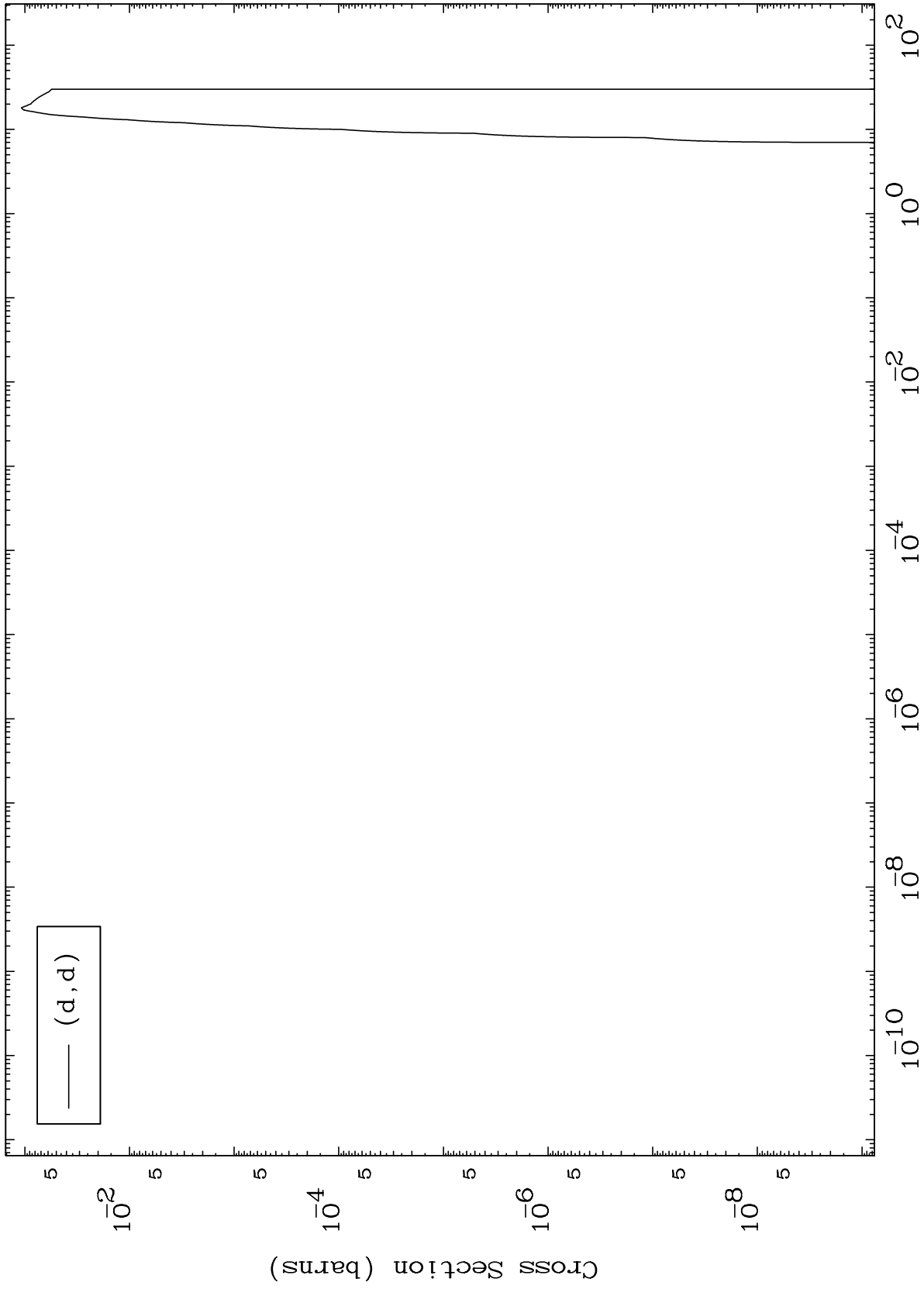
80-Hg-197



MAT 8029

(d,d) Levels
0 Kelvin Cross Sections

80-Hg-197



8

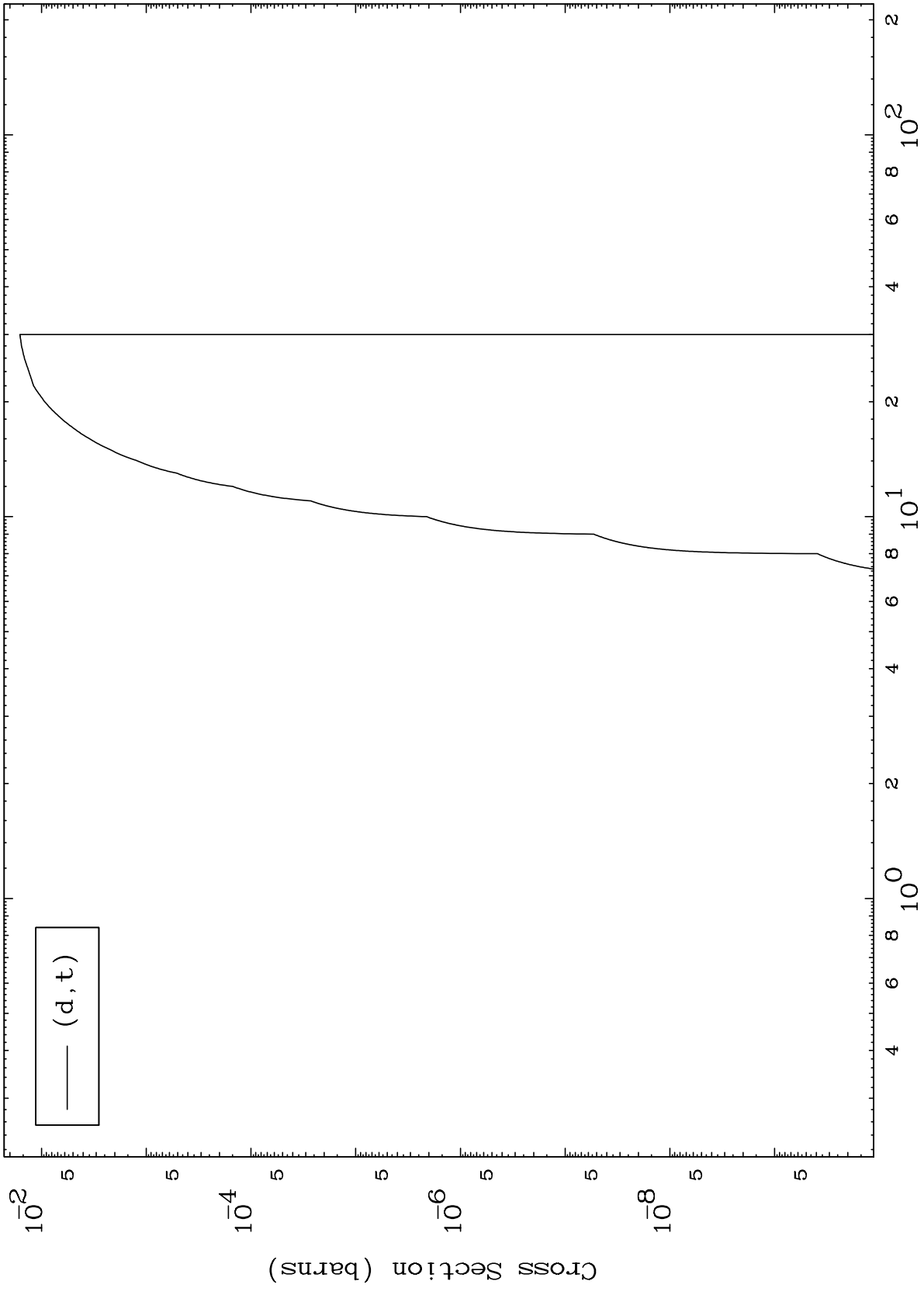
Incident Energy (MeV)

80-Hg-197

MAT 8029

(d,t) Levels
0 Kelvin Cross Sections

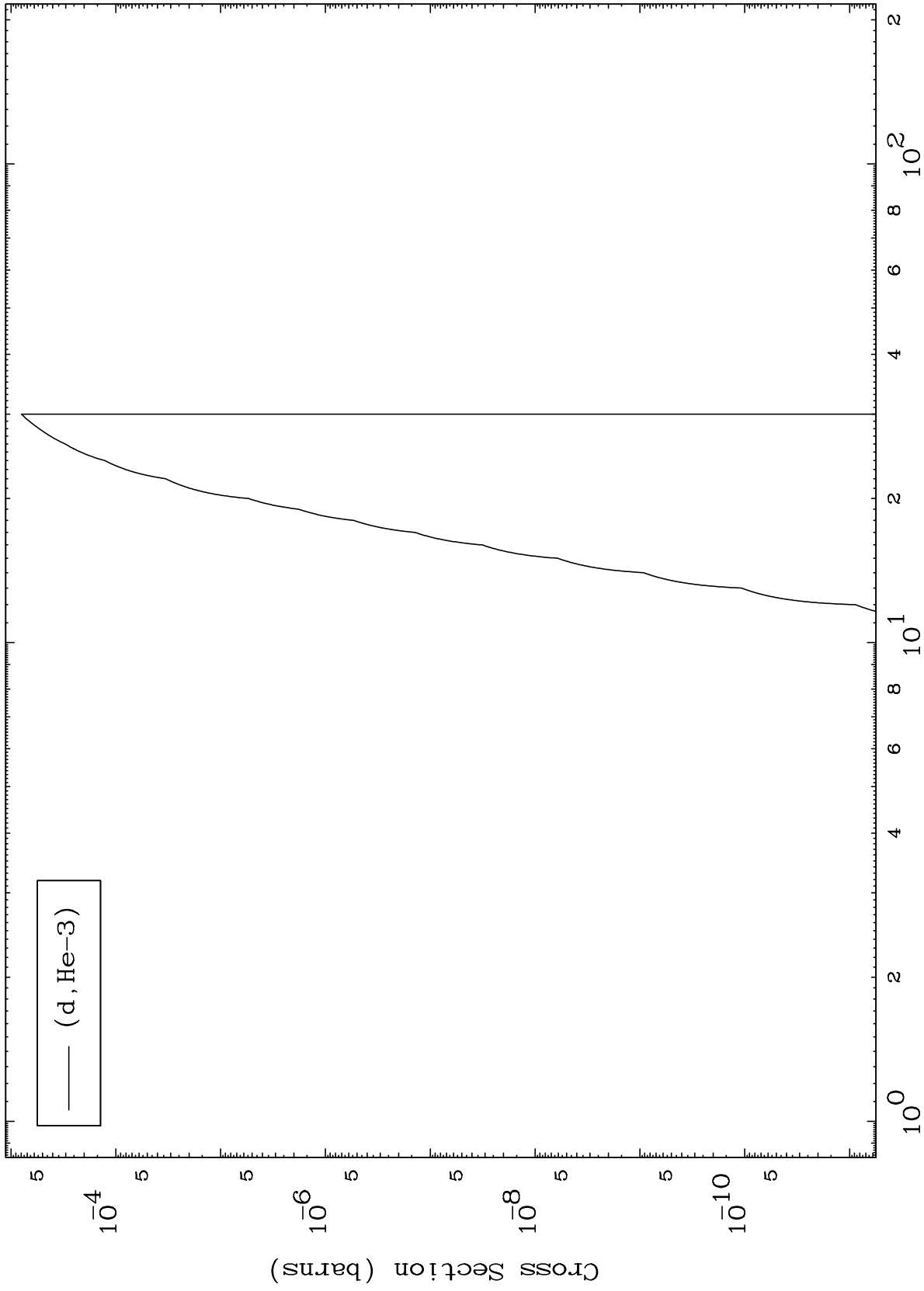
80-Hg-197



MAT 8029

(d,He3) Levels
0 Kelvin Cross Sections

80-Hg-197



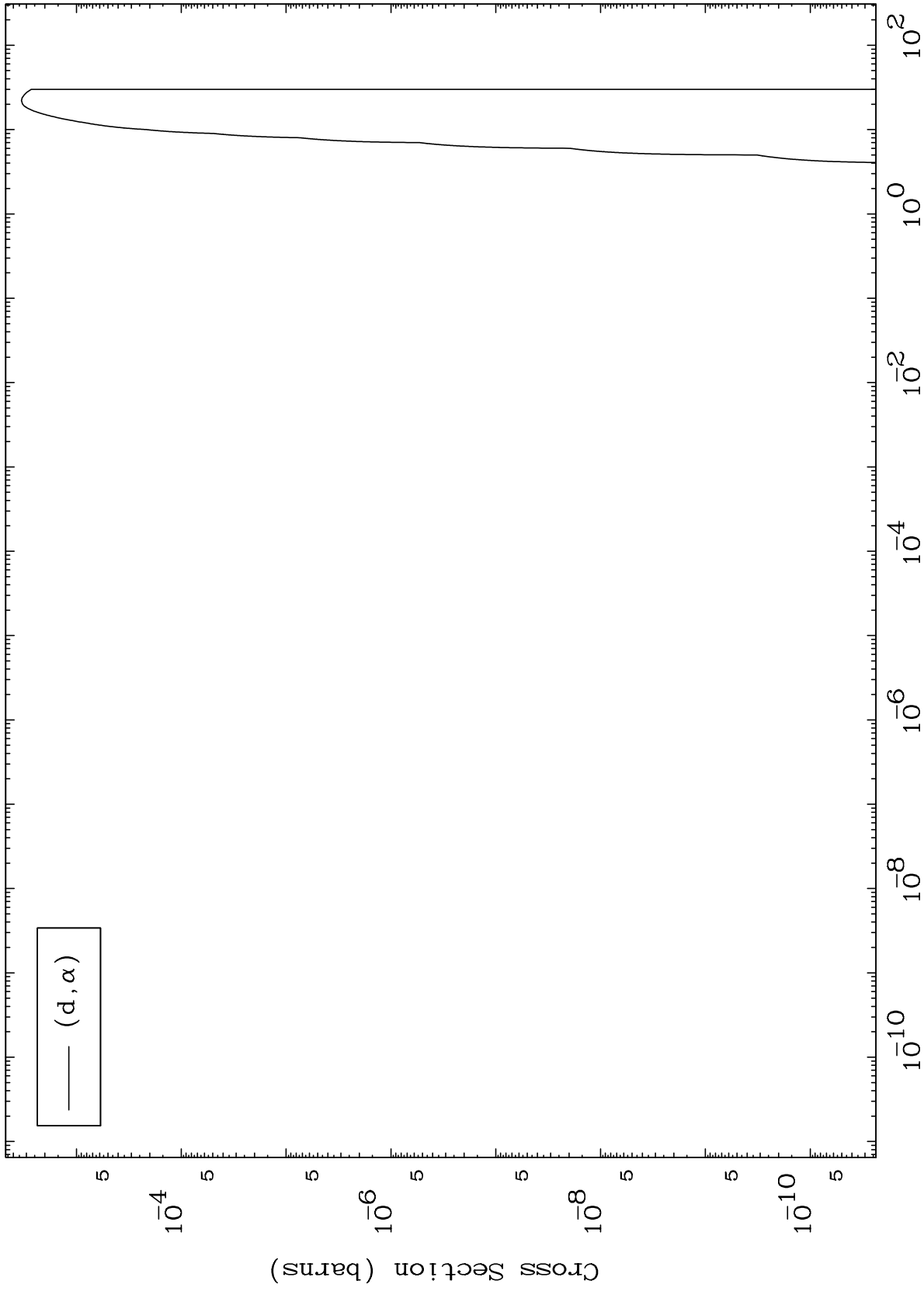
Incident Energy (MeV)

80-Hg-197

MAT 8029

(d, α) Levels
0 Kelvin Cross Sections

80-Hg-197



11

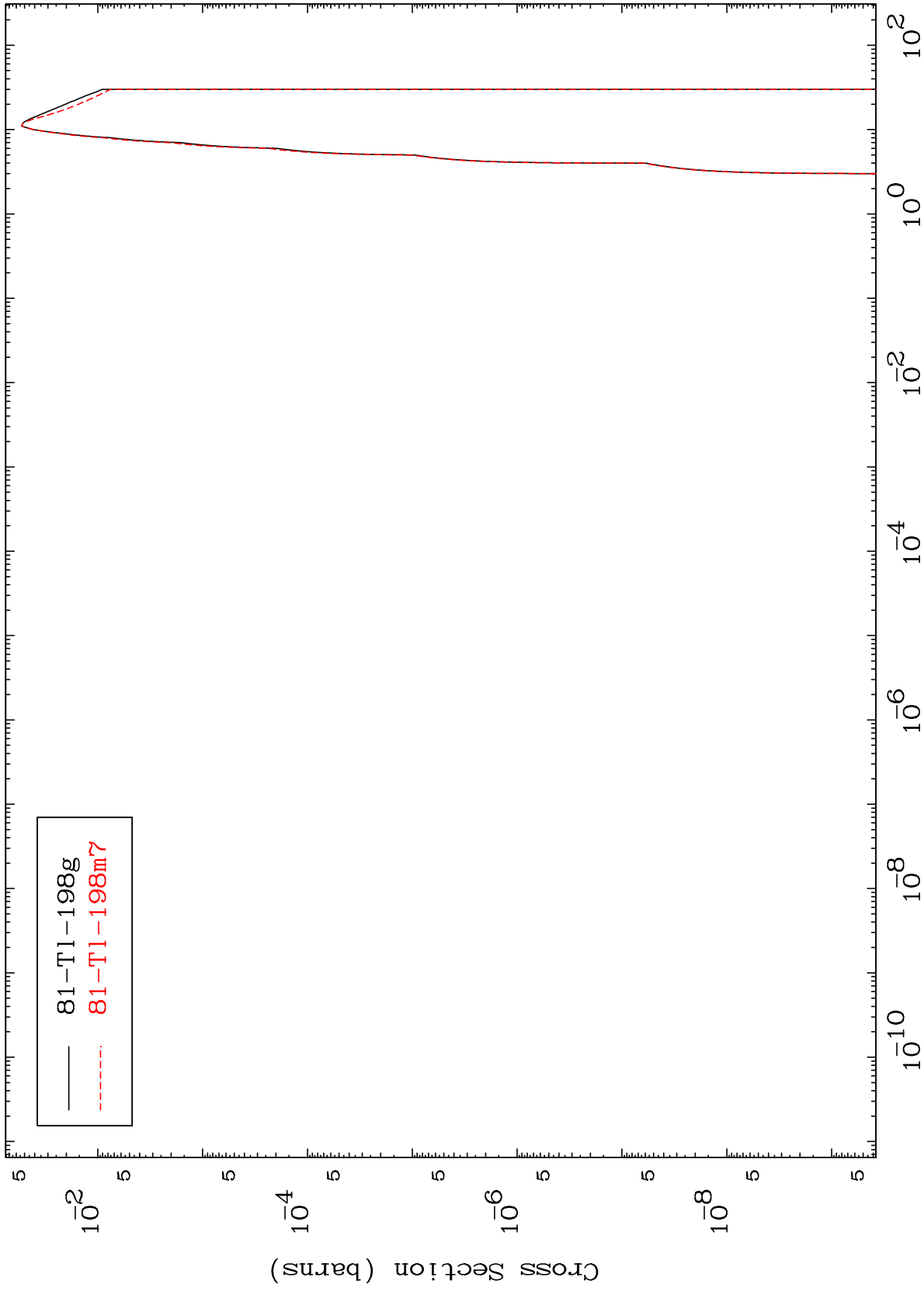
Incident Energy (MeV)

80-Hg-197

MAT 8029

Deuteron Inelastic
Radionuclide Production Cross Section

80-Hg-197



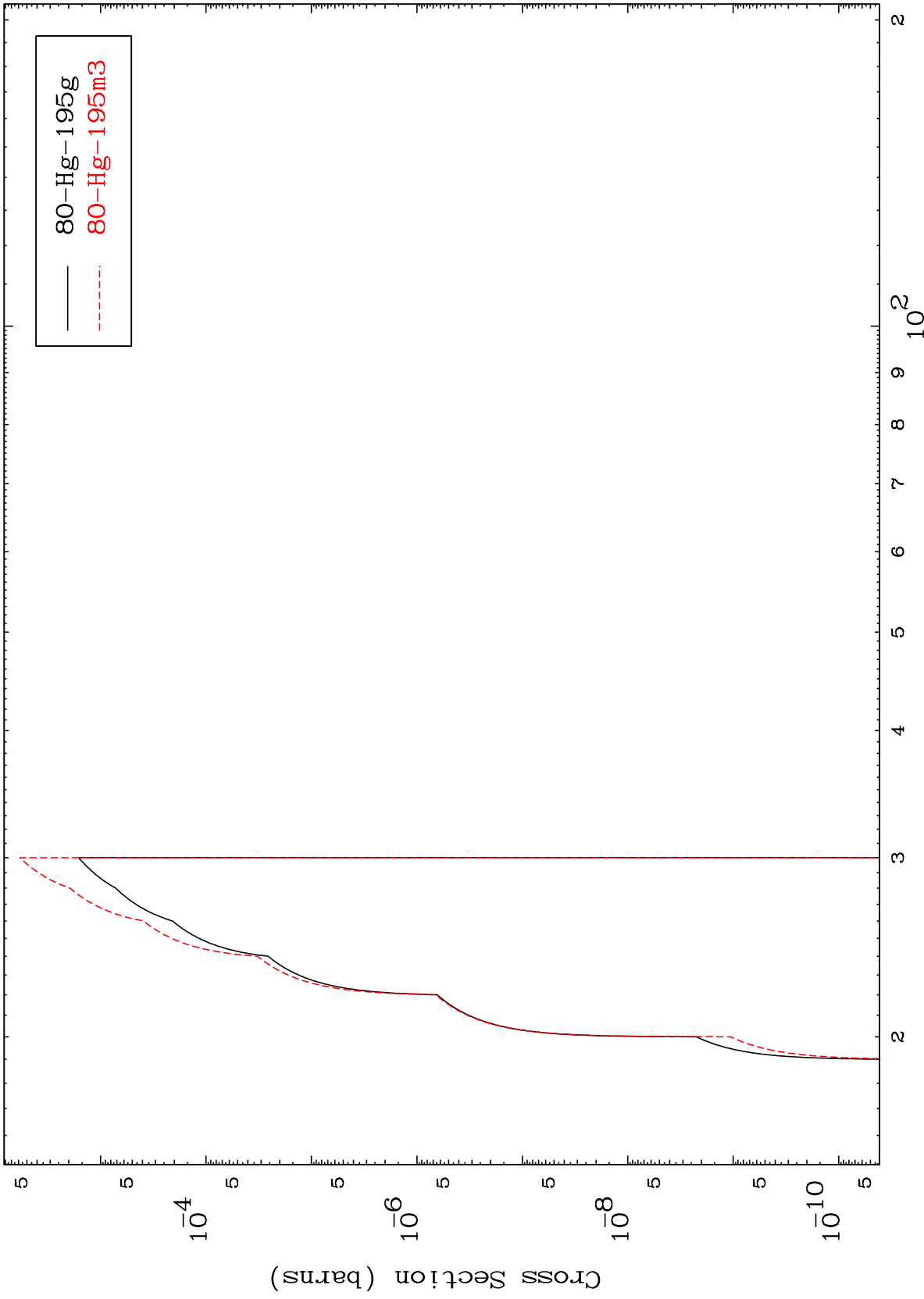
80-Hg-197

MAT 8029

(d,2n) d

80-Hg-197

Radionuclide Production Cross Section



13

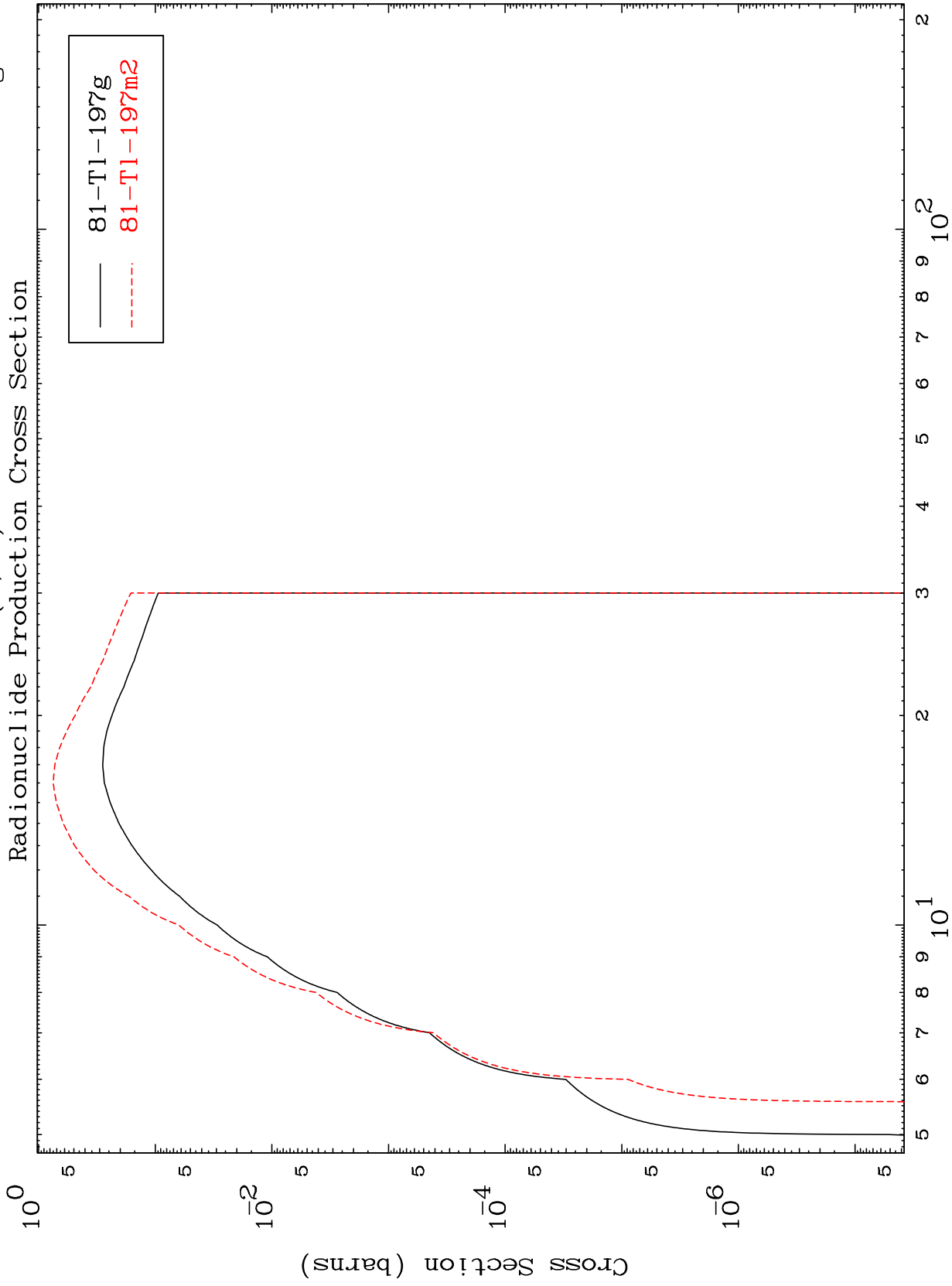
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

(d,2n)
Radionuclide Production Cross Section



14

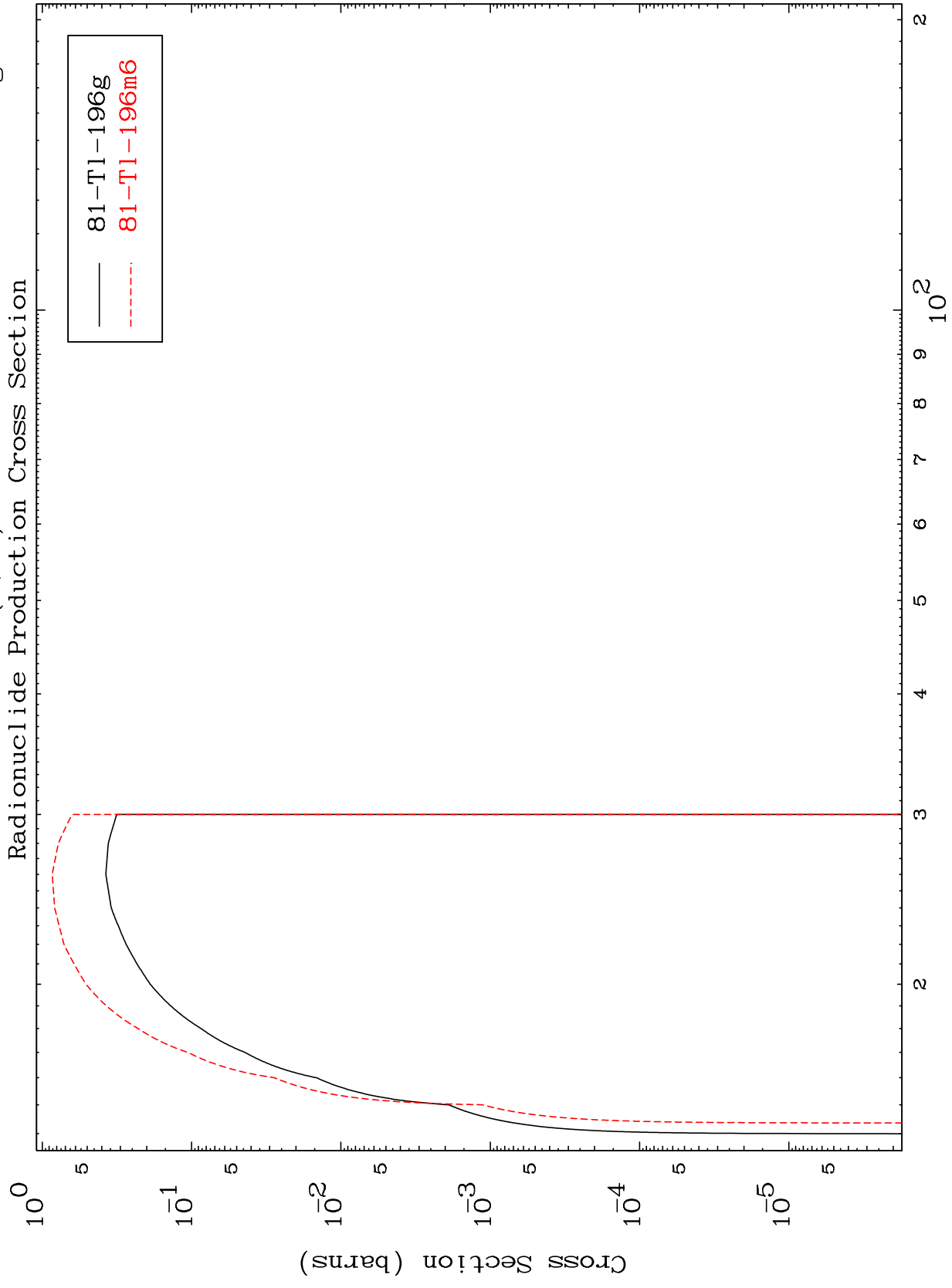
Incident Energy (MeV)

80-Hg-197

MAT 8029

(d,3n)

80-Hg-197



15

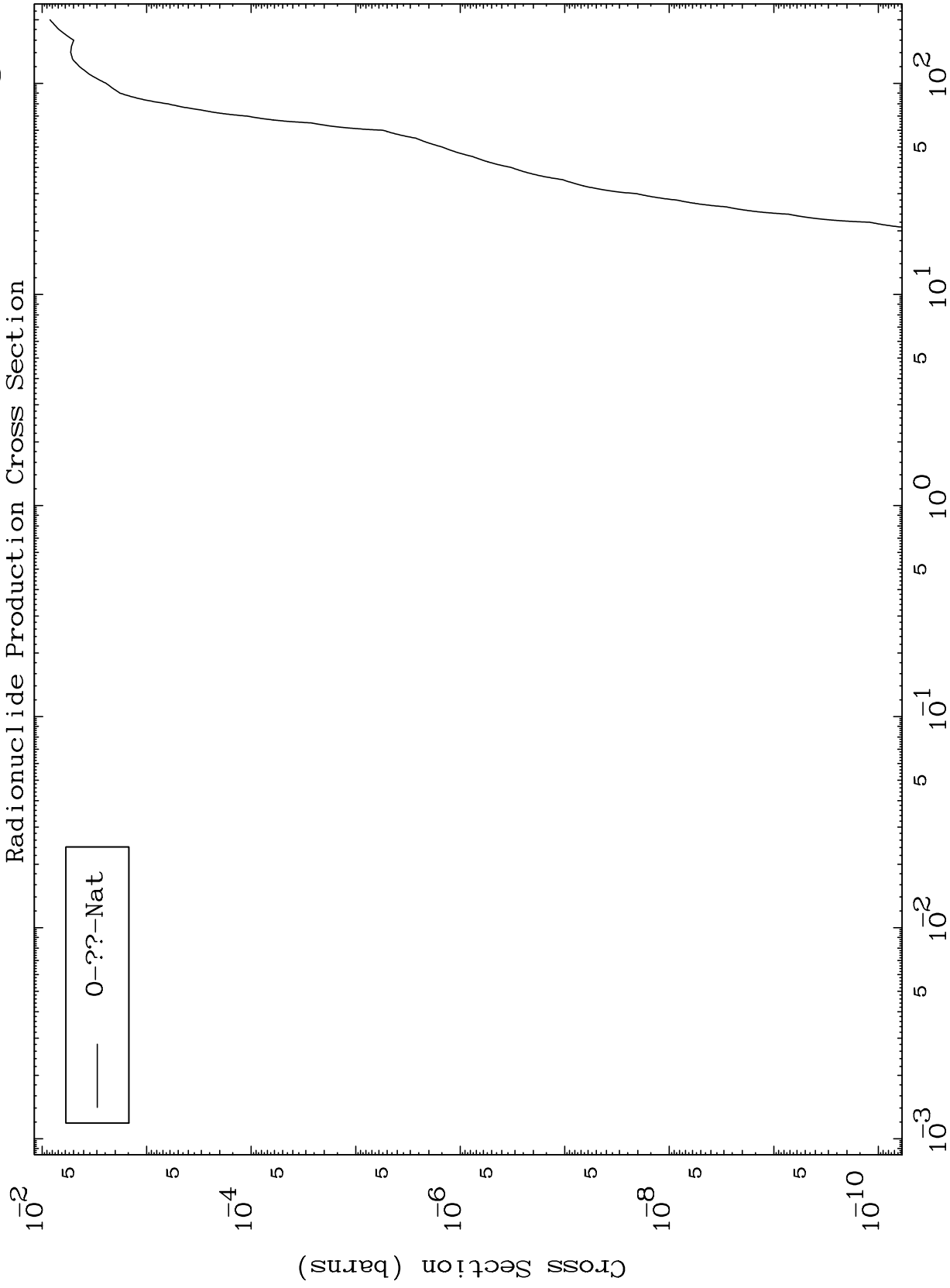
Incident Energy (MeV)

80-Hg-197

MAT 8029

Deuteron Fission
Radionuclide Production Cross Section

80-Hg-197



16

Incident Energy (MeV)

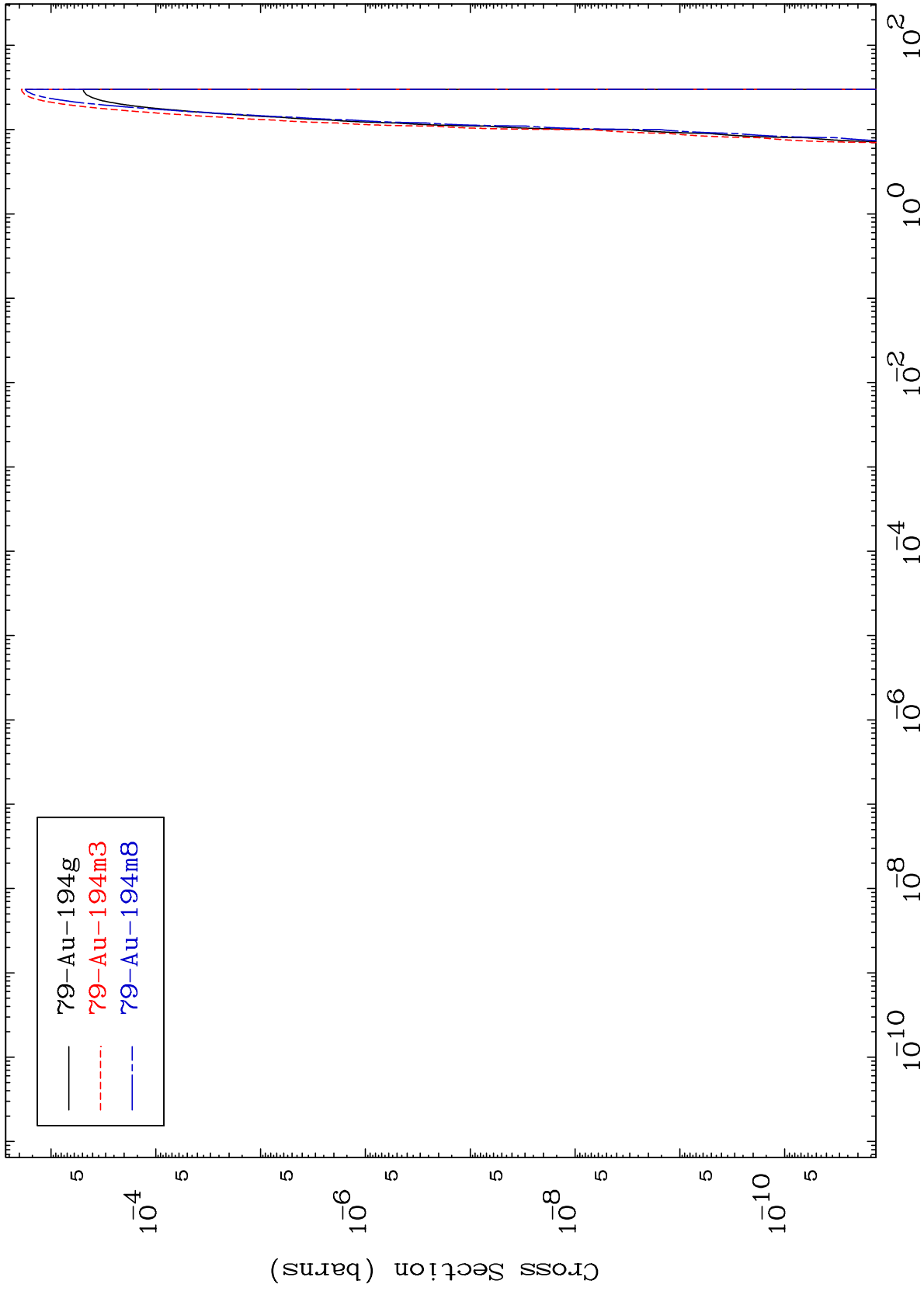
80-Hg-197

MAT 8029

(d,n') α

80-Hg-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

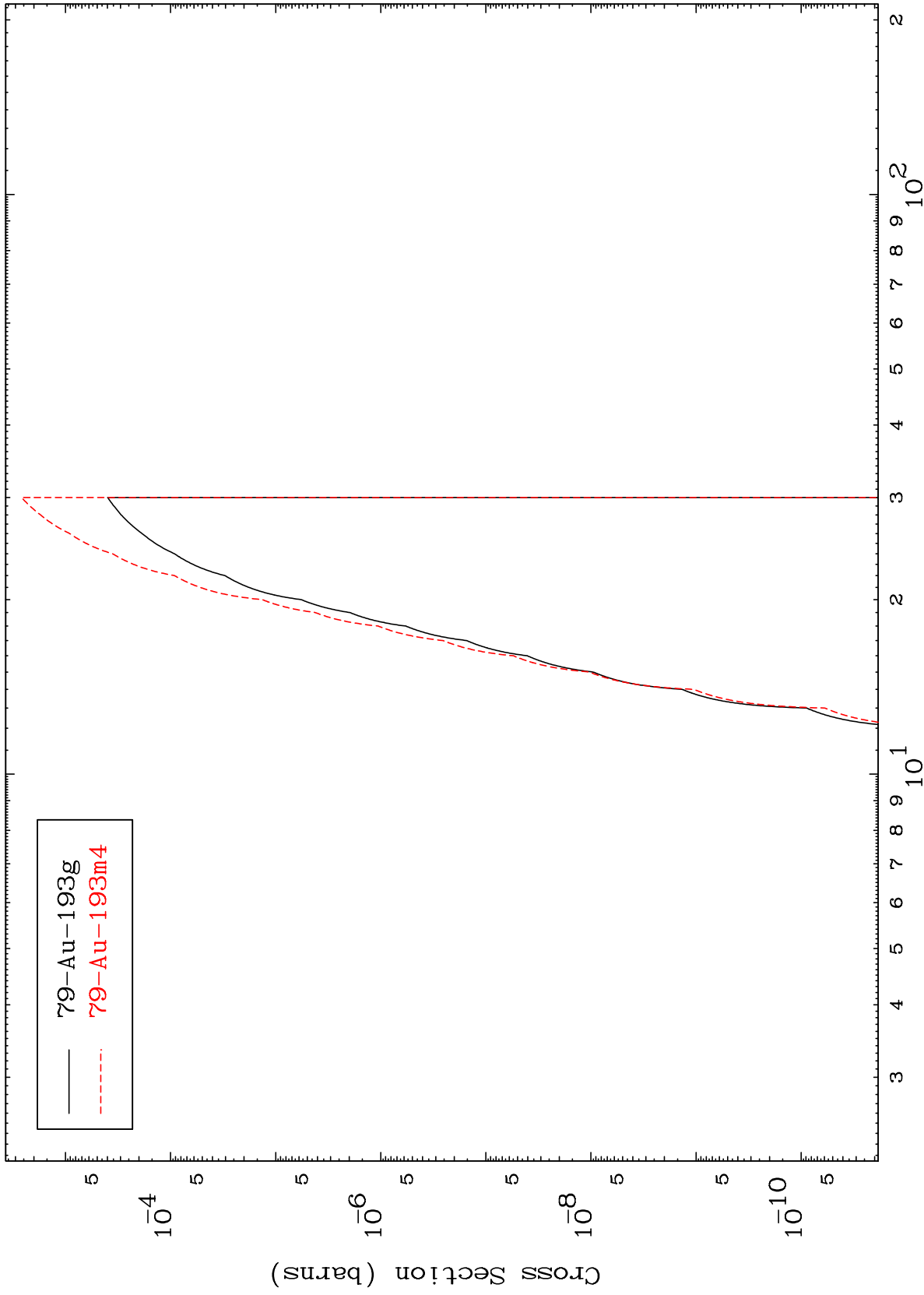
80-Hg-197

MAT 8029

(d,2n) α

80-Hg-197

Radionuclide Production Cross Section



18

80-Hg-197

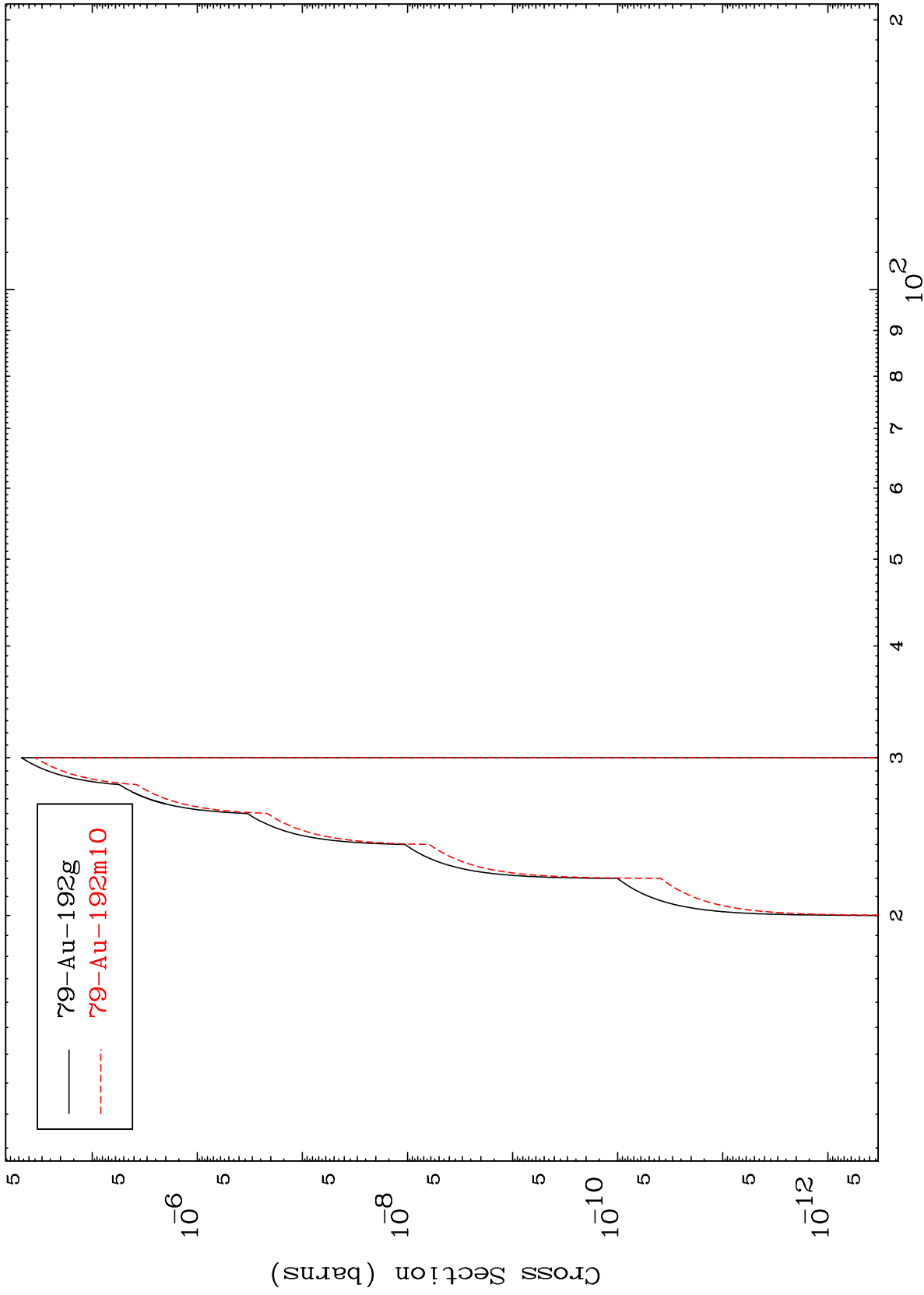
80-Hg-197

MAT 8029

(d,3n) α

80-Hg-197

Radionuclide Production Cross Section



19

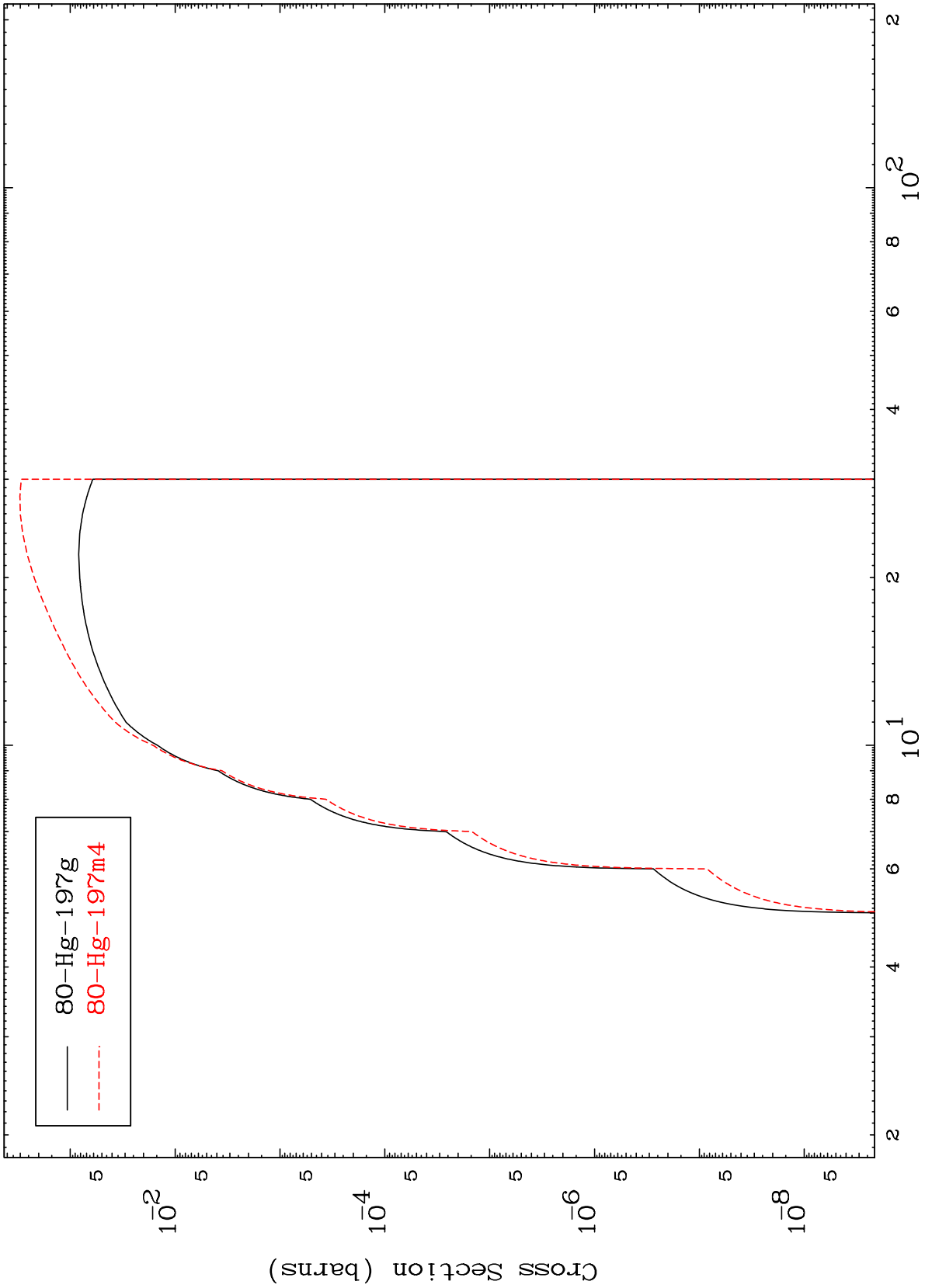
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

(d,n') p
Radionuclide Production Cross Section



20

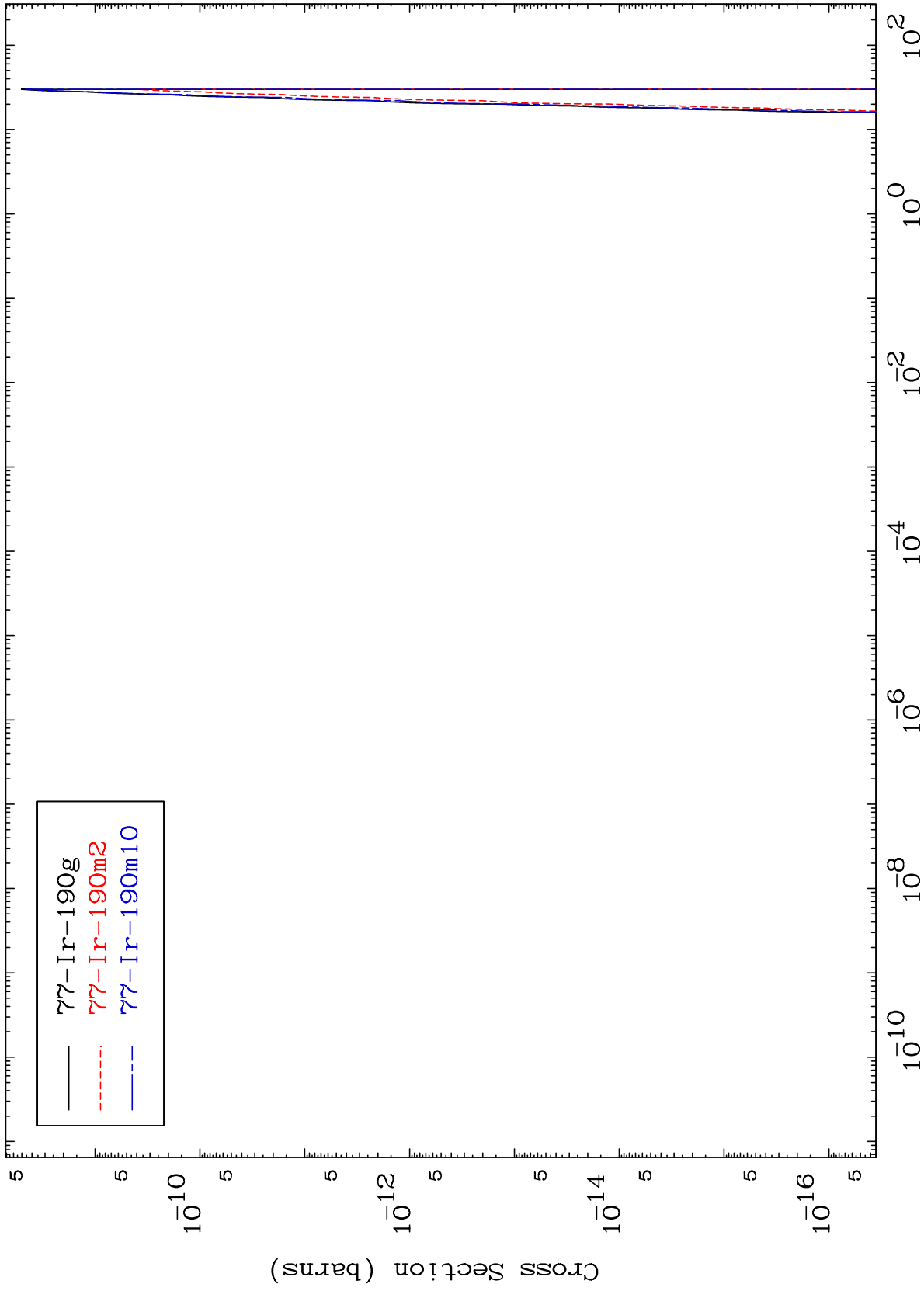
80-Hg-197

MAT 8029

(d,n') 2 α

80-Hg-197

Radionuclide Production Cross Section



21

Incident Energy (MeV)

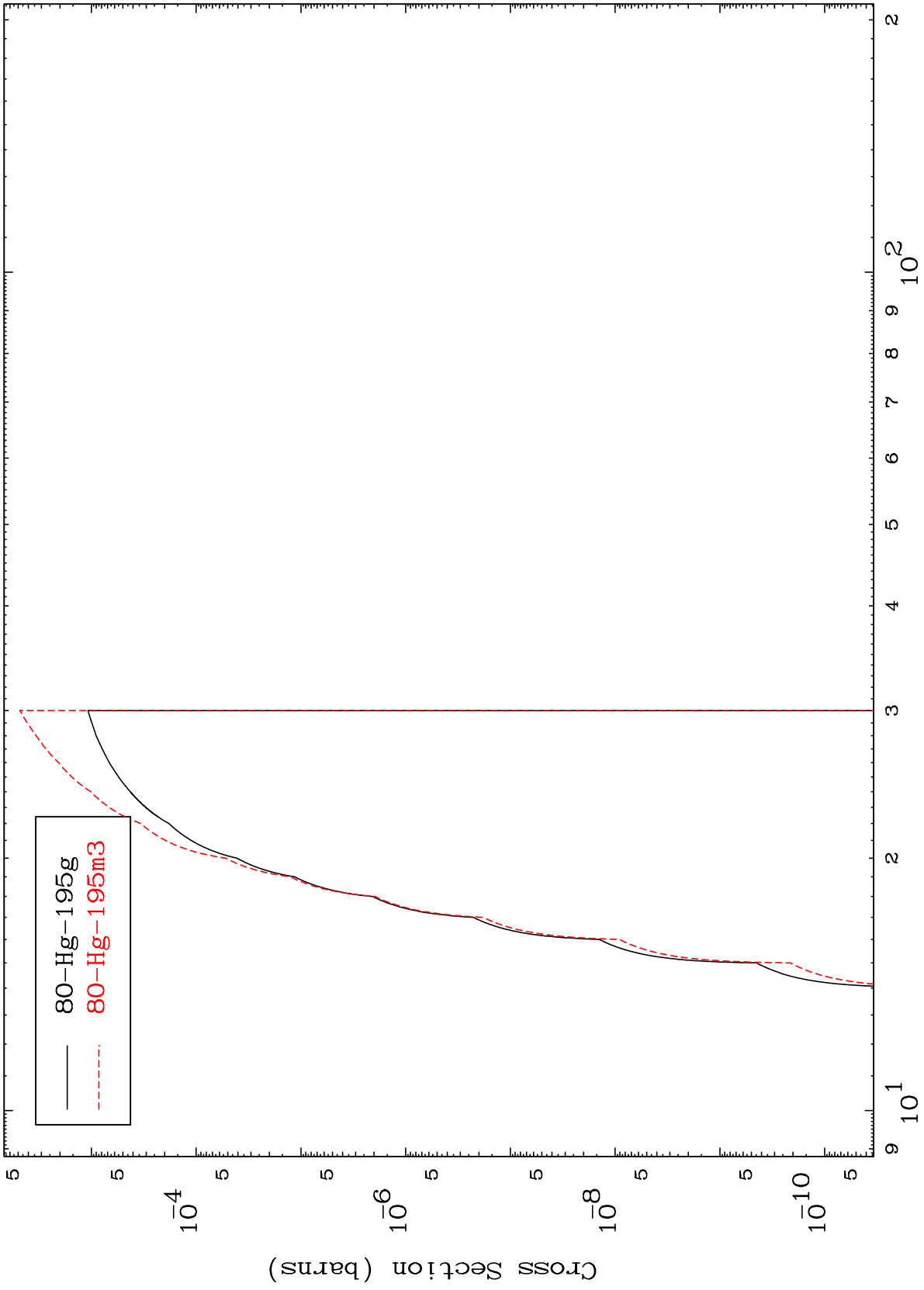
80-Hg-197

MAT 8029

(d,n') t

80-Hg-197

Radionuclide Production Cross Section



22

Incident Energy (MeV)

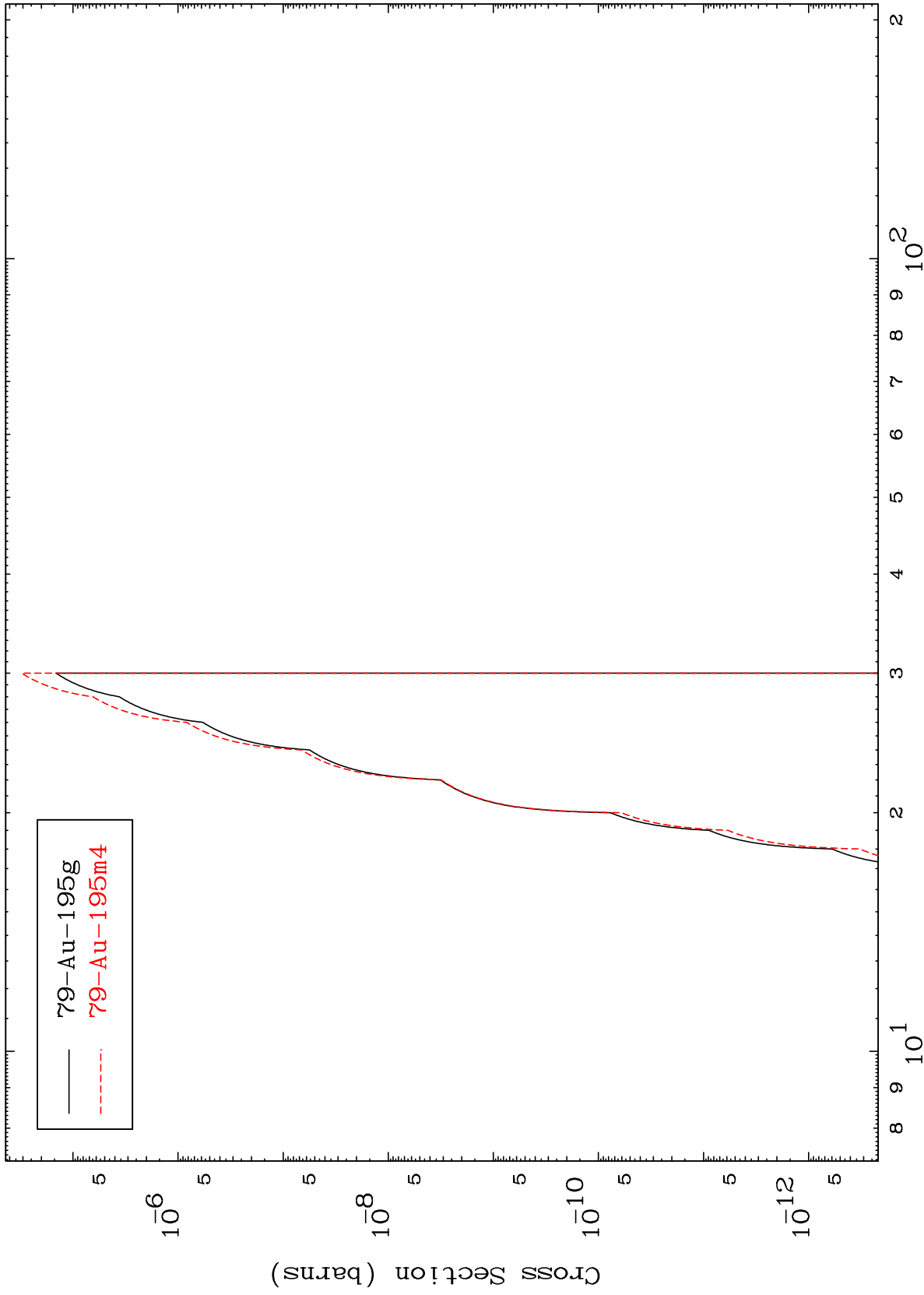
80-Hg-197

MAT 8029

(d, n') He-3

80-Hg-197

Radionuclide Production Cross Section



23

Incident Energy (MeV)

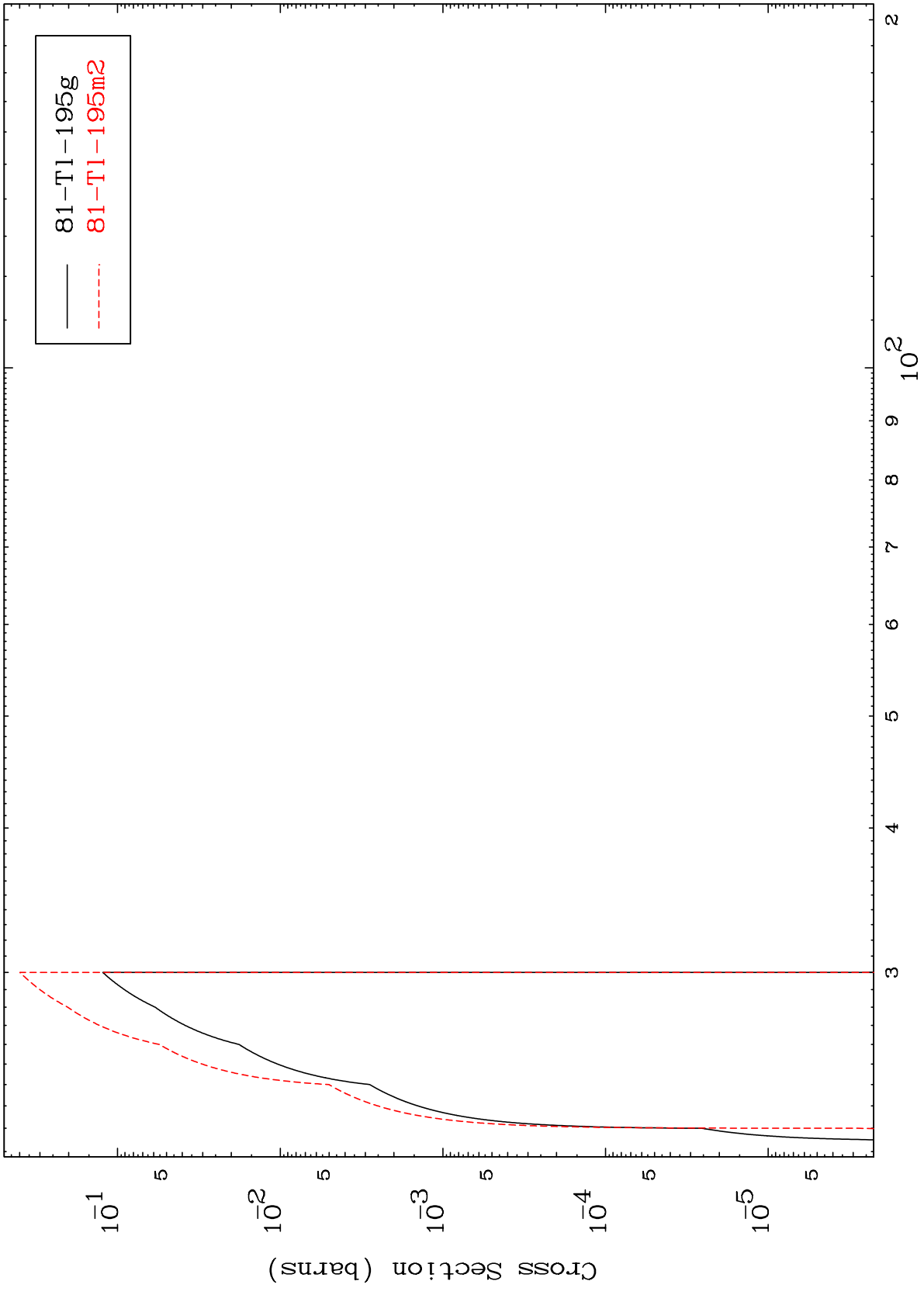
80-Hg-197

MAT 8029

(d,4n)

80-Hg-197

Radionuclide Production Cross Section



81-Tl-195g
81-Tl-195m2

24

Incident Energy (MeV)

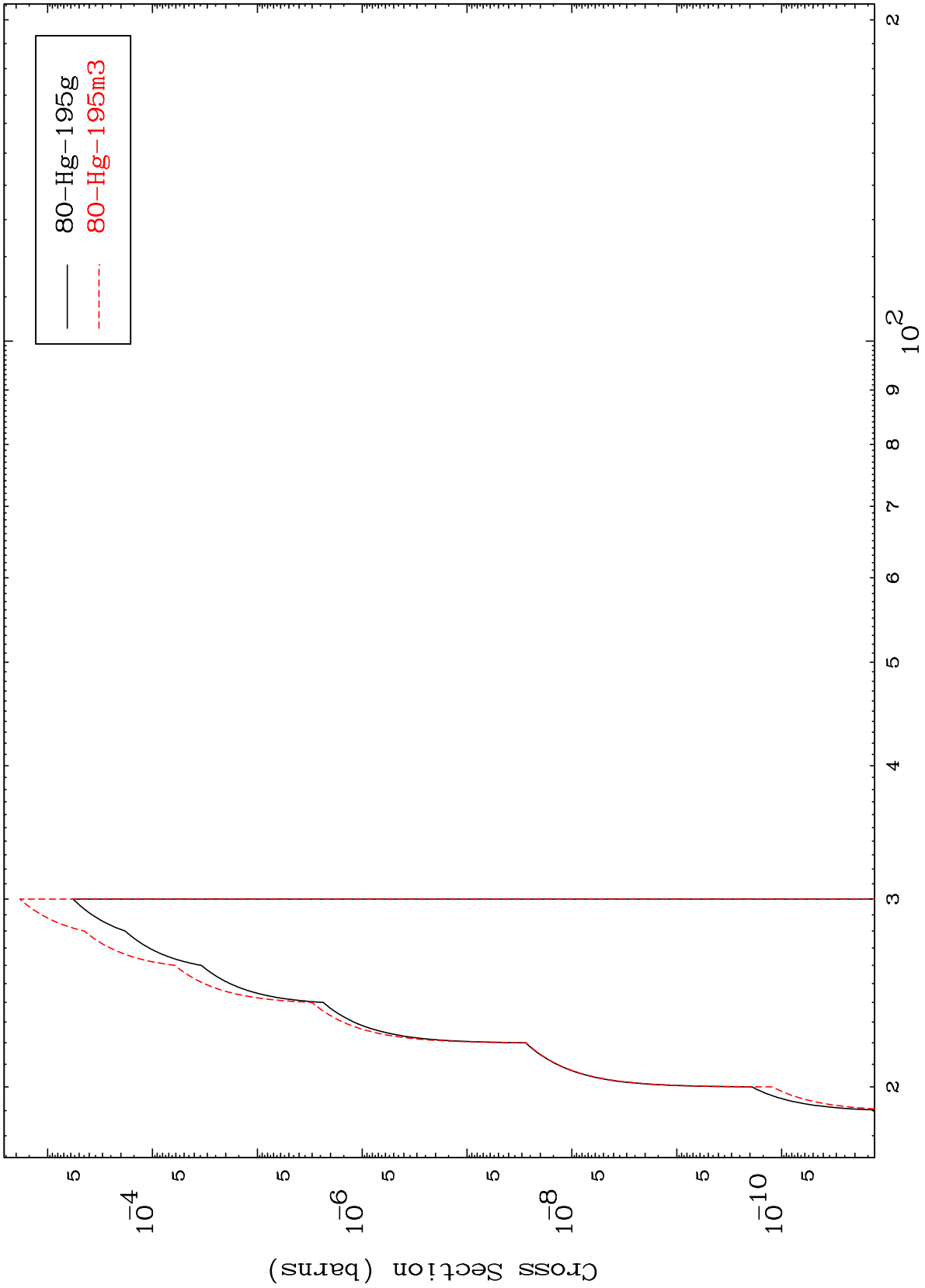
80-Hg-197

MAT 8029

(d,3n) p

80-Hg-197

Radionuclide Production Cross Section



25

Incident Energy (MeV)

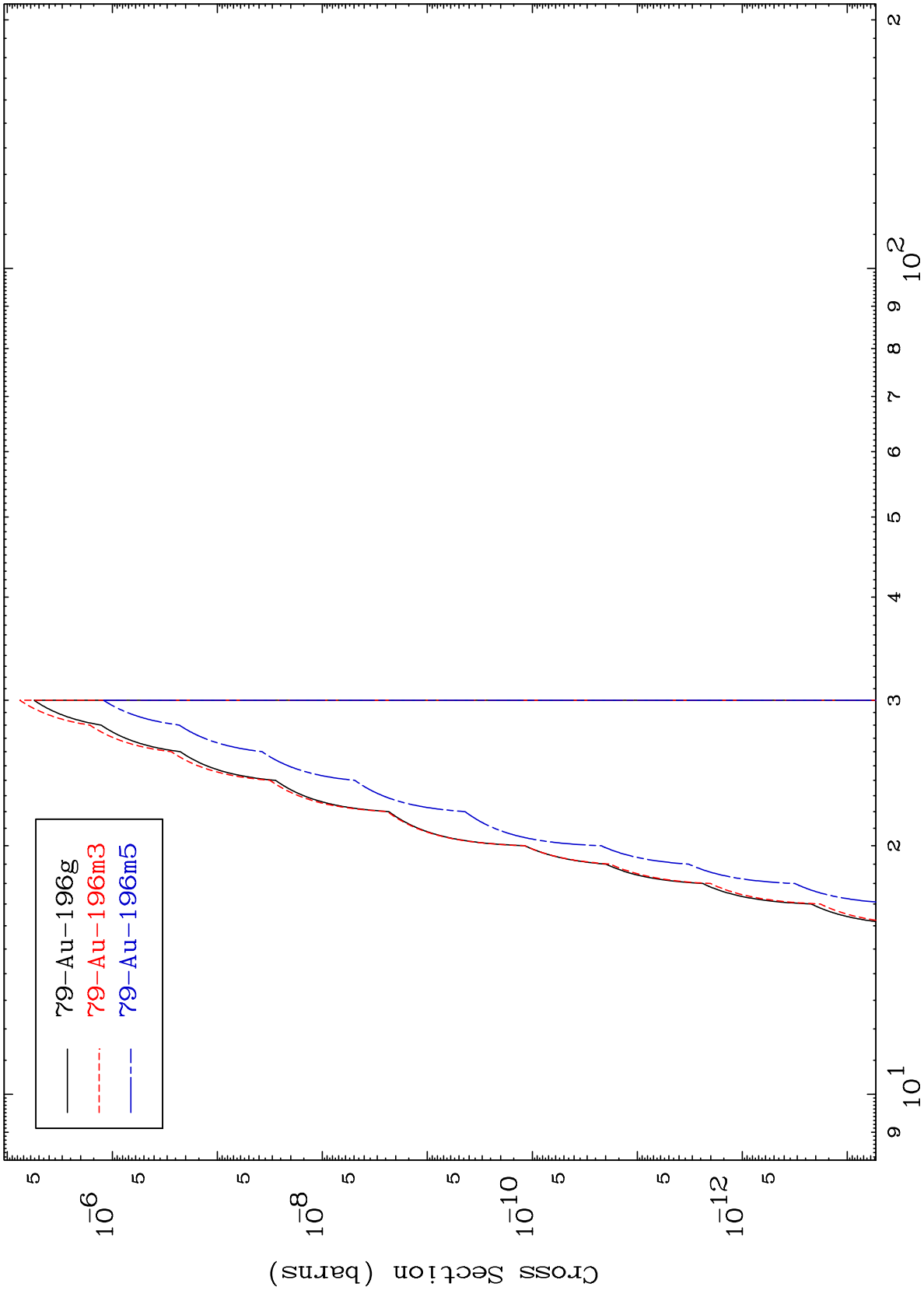
80-Hg-197

MAT 8029

(d,2n) p

80-Hg-197

Radionuclide Production Cross Section



26

Incident Energy (MeV)

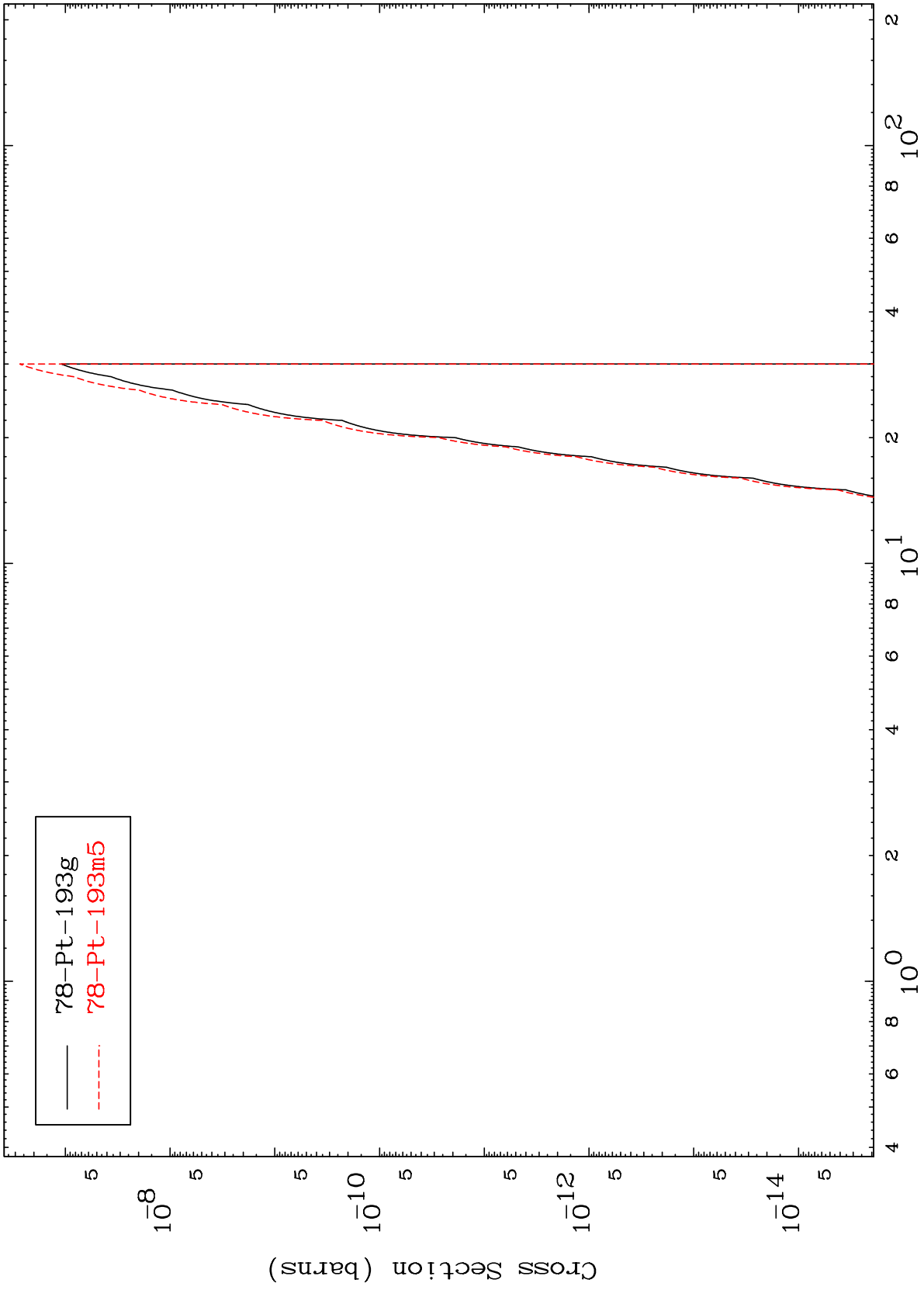
80-Hg-197

MAT 8029

(d,n') p α

80-Hg-197

Radionuclide Production Cross Section



78-Pt-193g
78-Pt-193m5

27

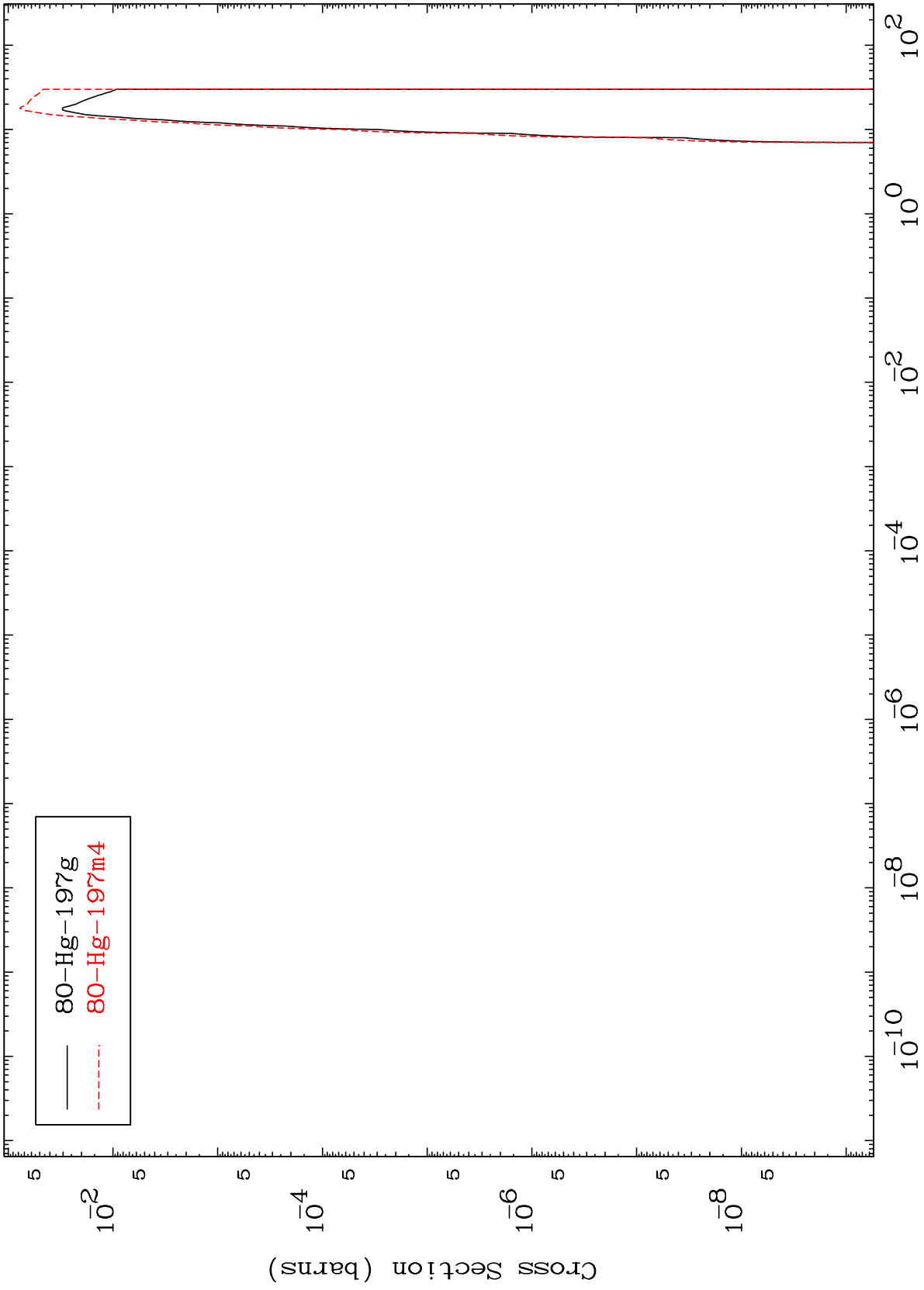
80-Hg-197

MAT 8029

(d,d)

80-Hg-197

Radionuclide Production Cross Section

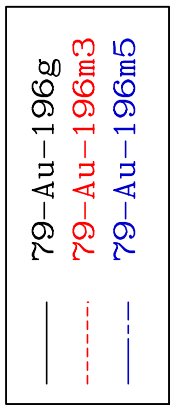
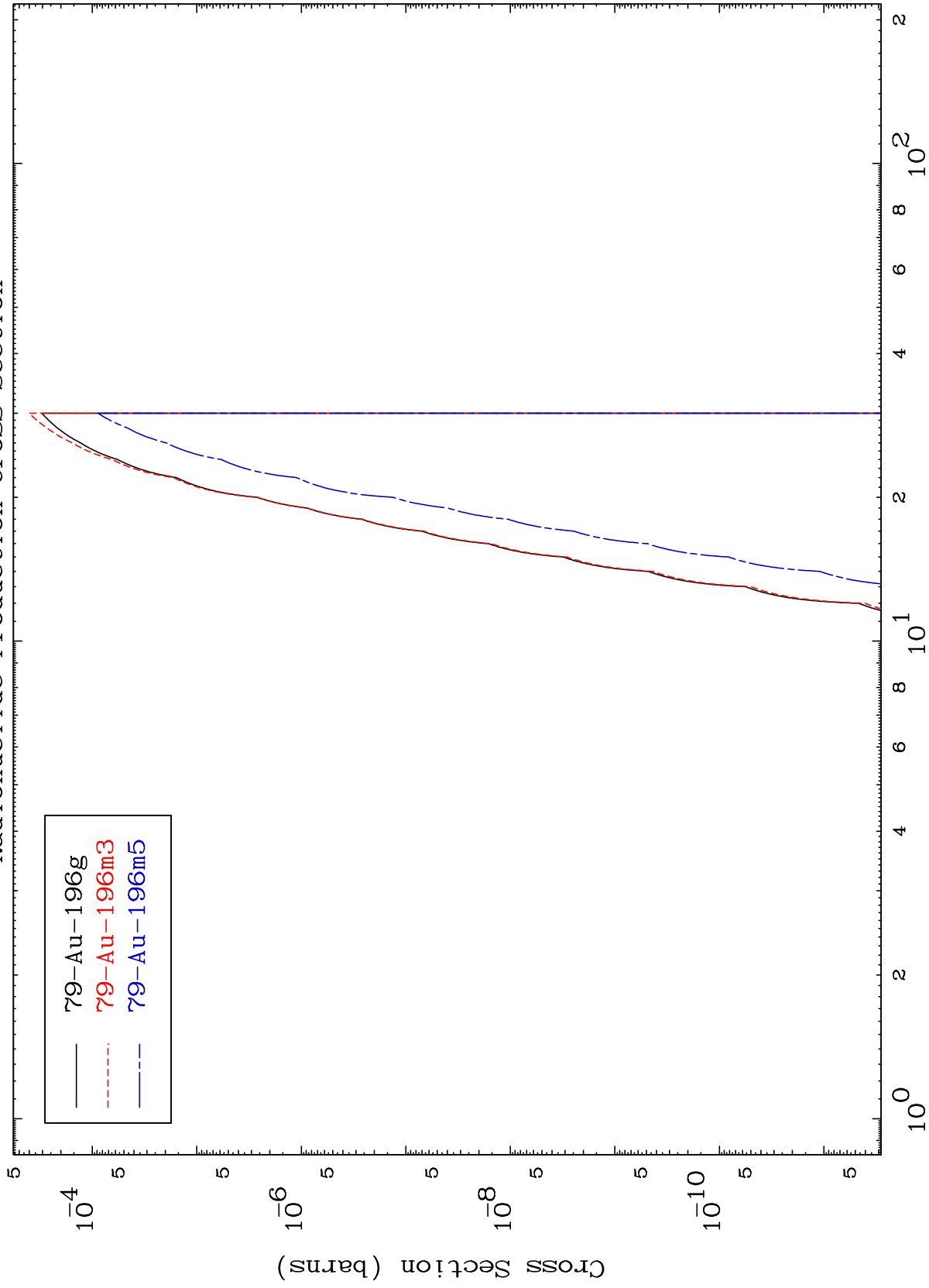


MAT 8029

(d, He-3)

80-Hg-197

Radionuclide Production Cross Section



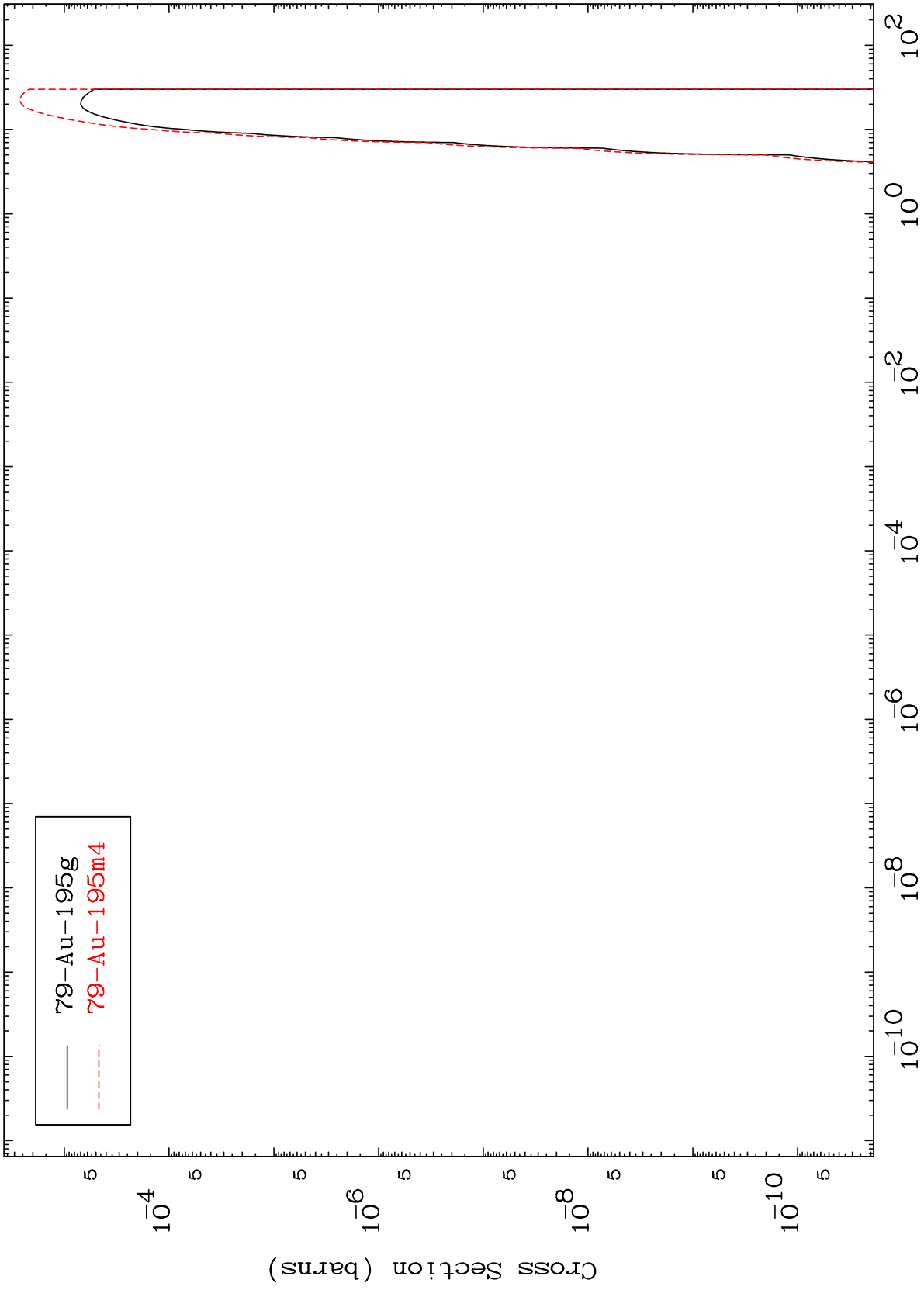
29

80-Hg-197

MAT 8029

(d, α)
Radionuclide Production Cross Section

80-Hg-197



30

Incident Energy (MeV)

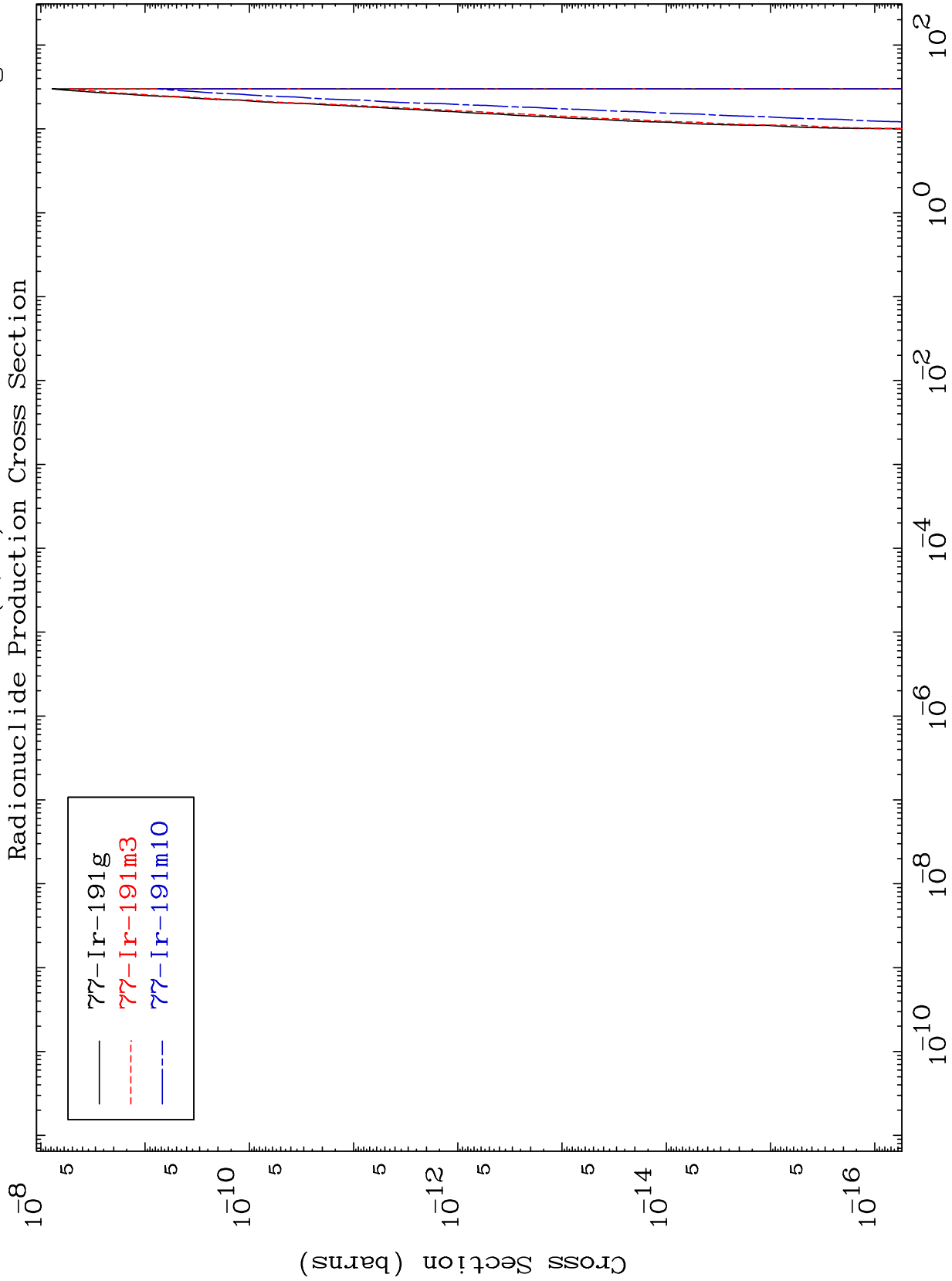
80-Hg-197

MAT 8029

(d,2 α)

80-Hg-197

Radionuclide Production Cross Section



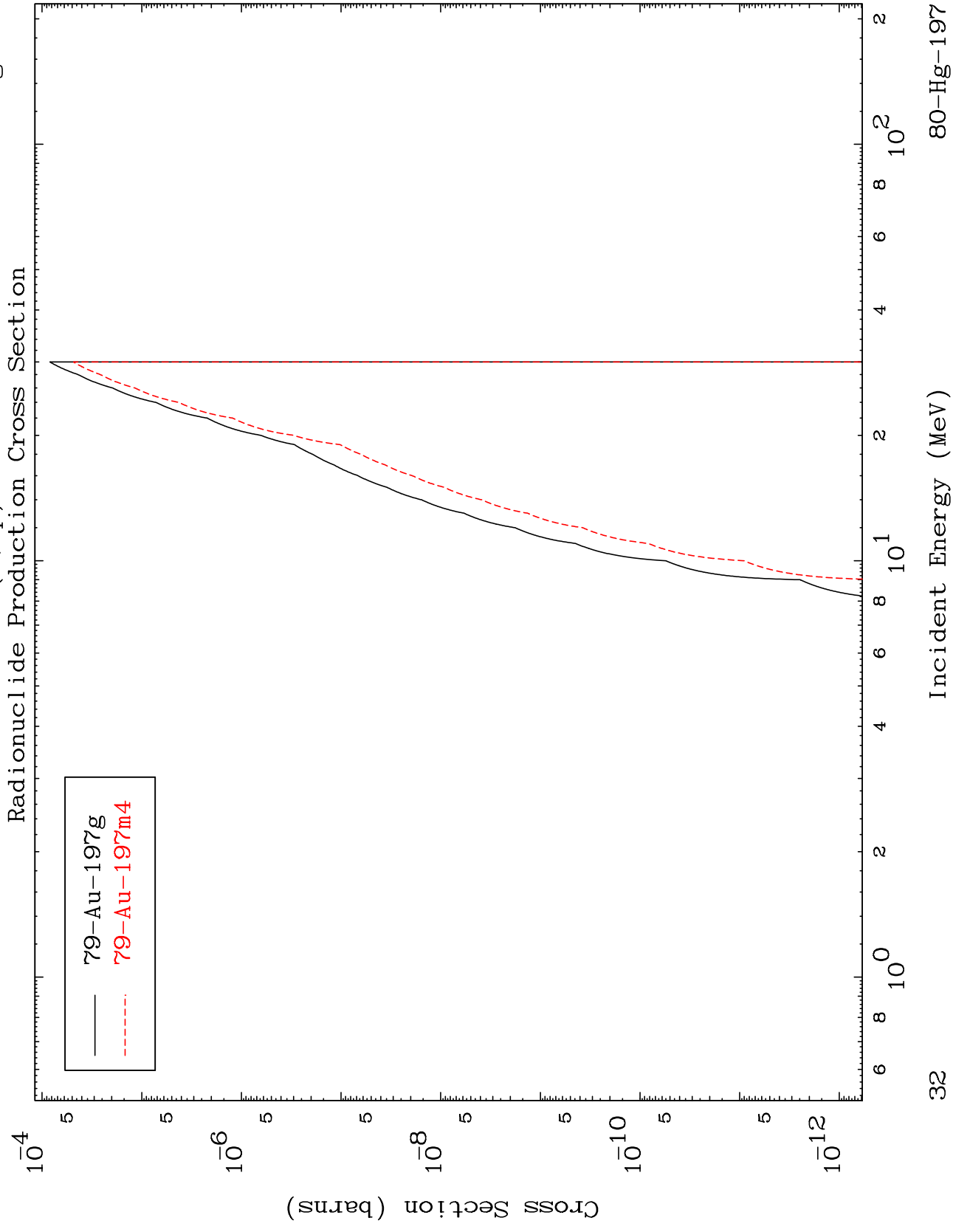
80-Hg-197

Incident Energy (MeV)

MAT 8029

(d,2p)

80-Hg-197

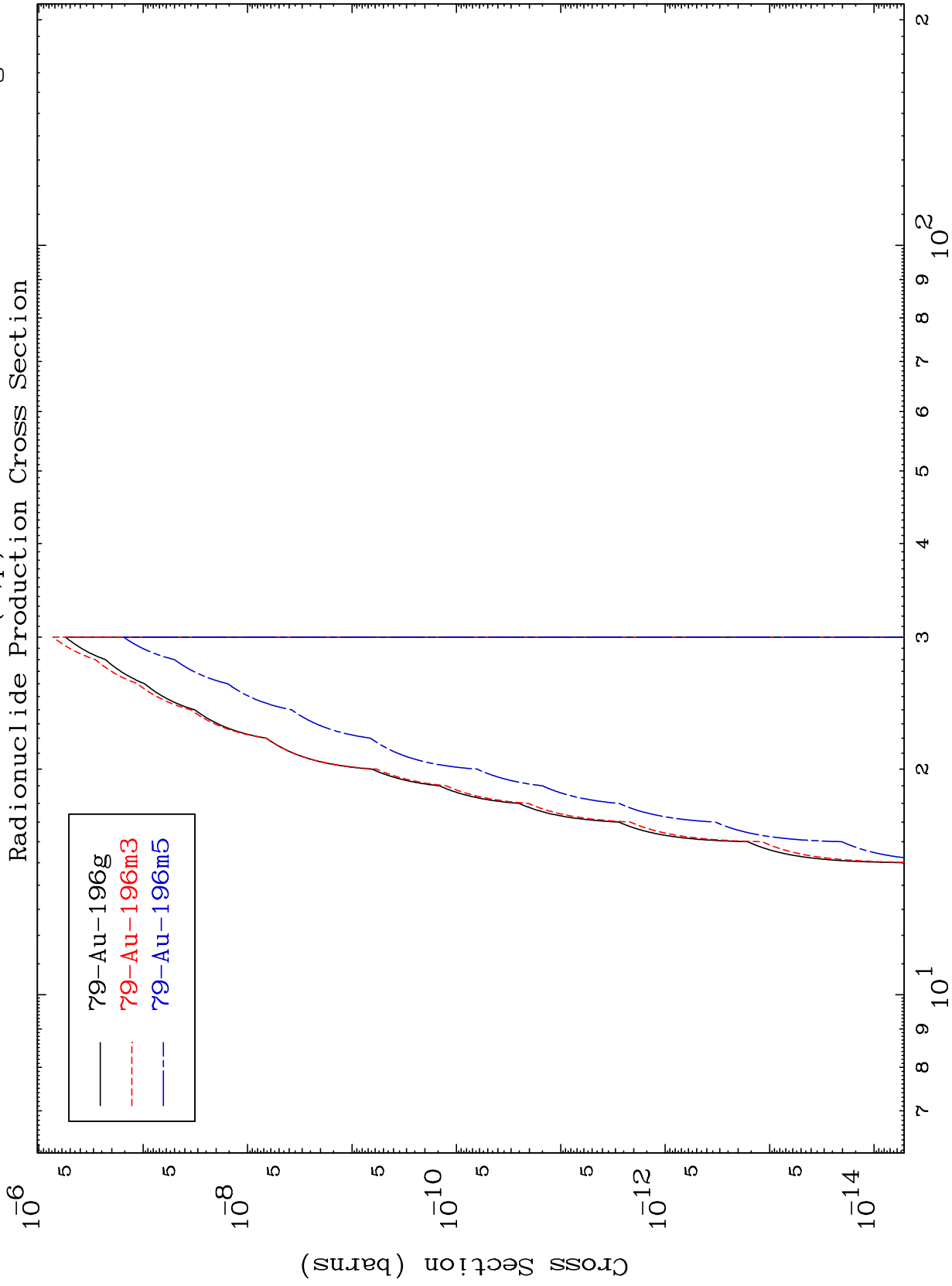


79-Au-197g
79-Au-197m4

MAT 8029

(d,p) d

80-Hg-197



33

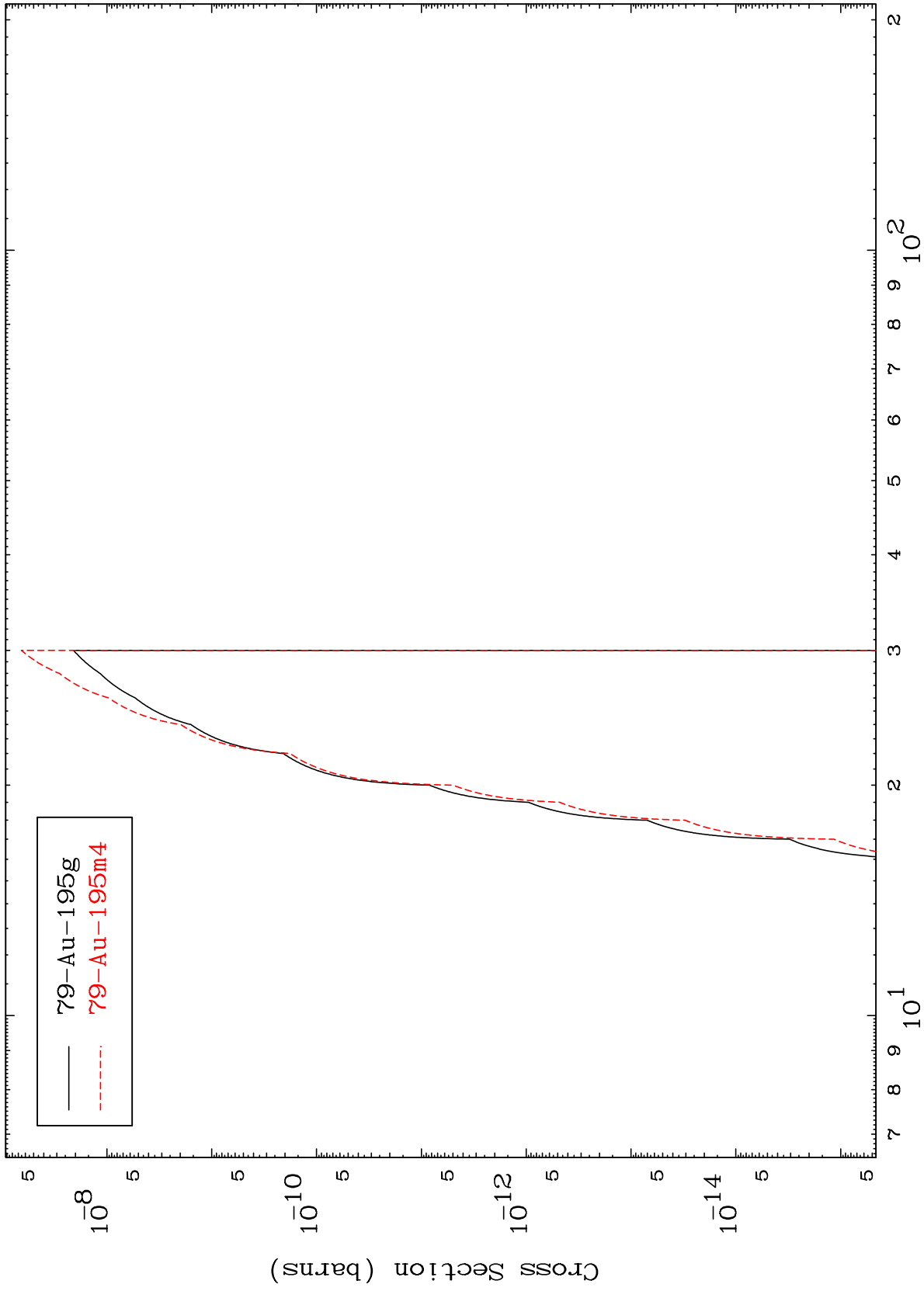
80-Hg-197

MAT 8029

(d,p) t

80-Hg-197

Radionuclide Production Cross Section



34

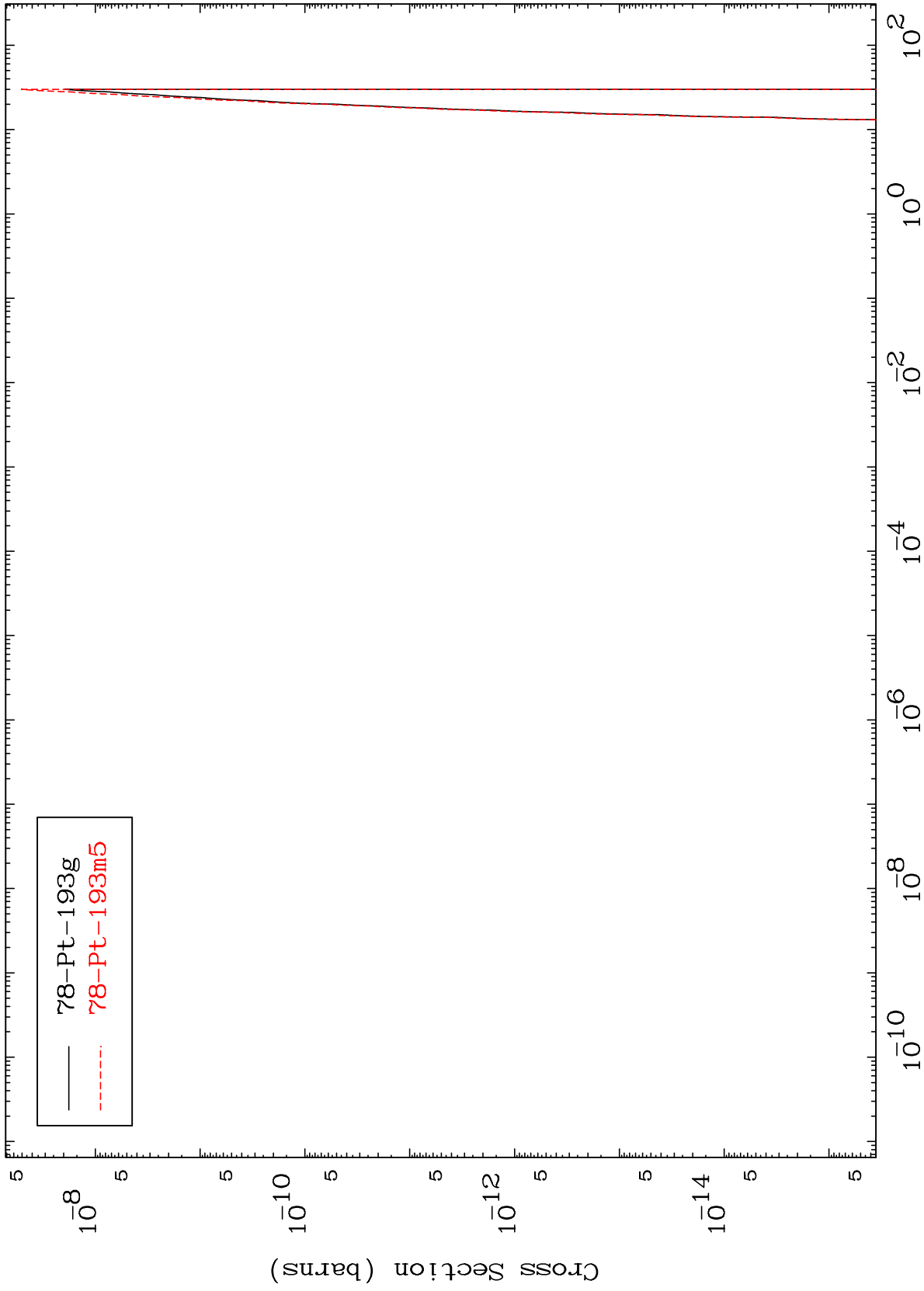
80-Hg-197

MAT 8029

(d,d) α

80-Hg-197

Radionuclide Production Cross Section



35

Incident Energy (MeV)

80-Hg-197