

Program EVALPLOT
(Version 2021-1)

by

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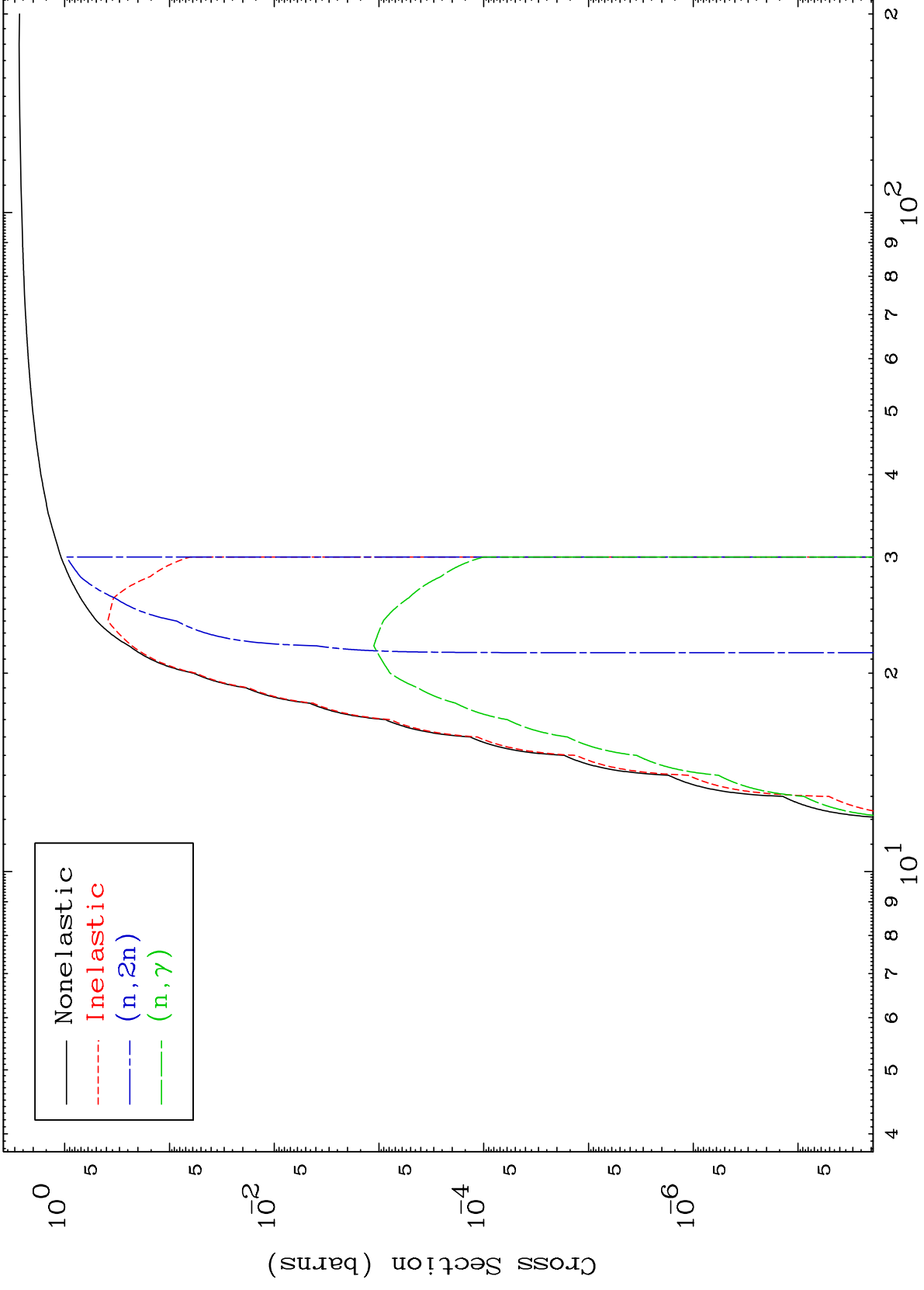
Press Mouse Button to Start

MAT 8016

α Major

80-Hg-193

0 Kelvin Cross Sections



1

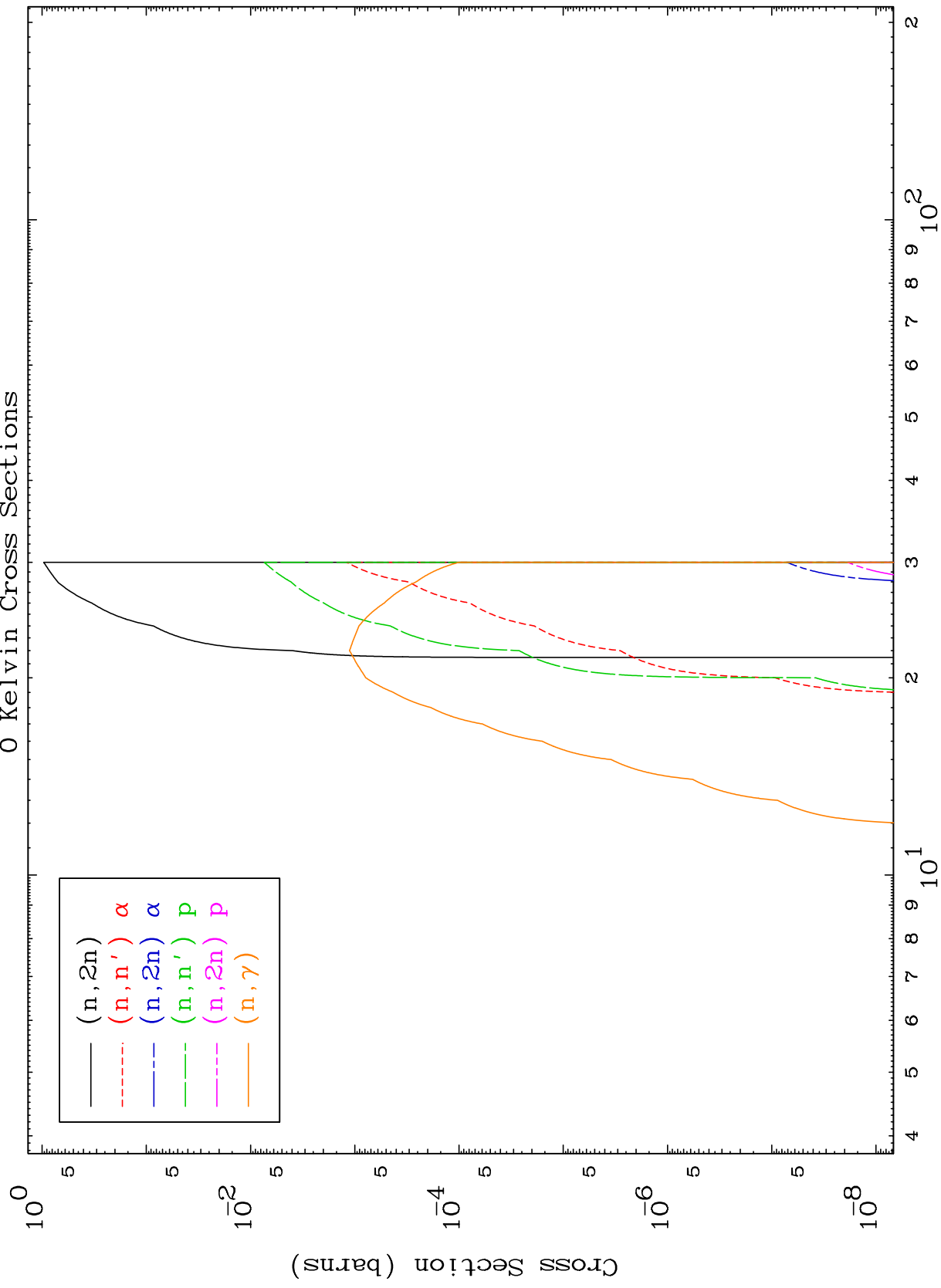
Incident Energy (MeV)

80-Hg-193

MAT 8016

α Neutron Absorption
0 Kelvin Cross Sections

80-Hg-193



2

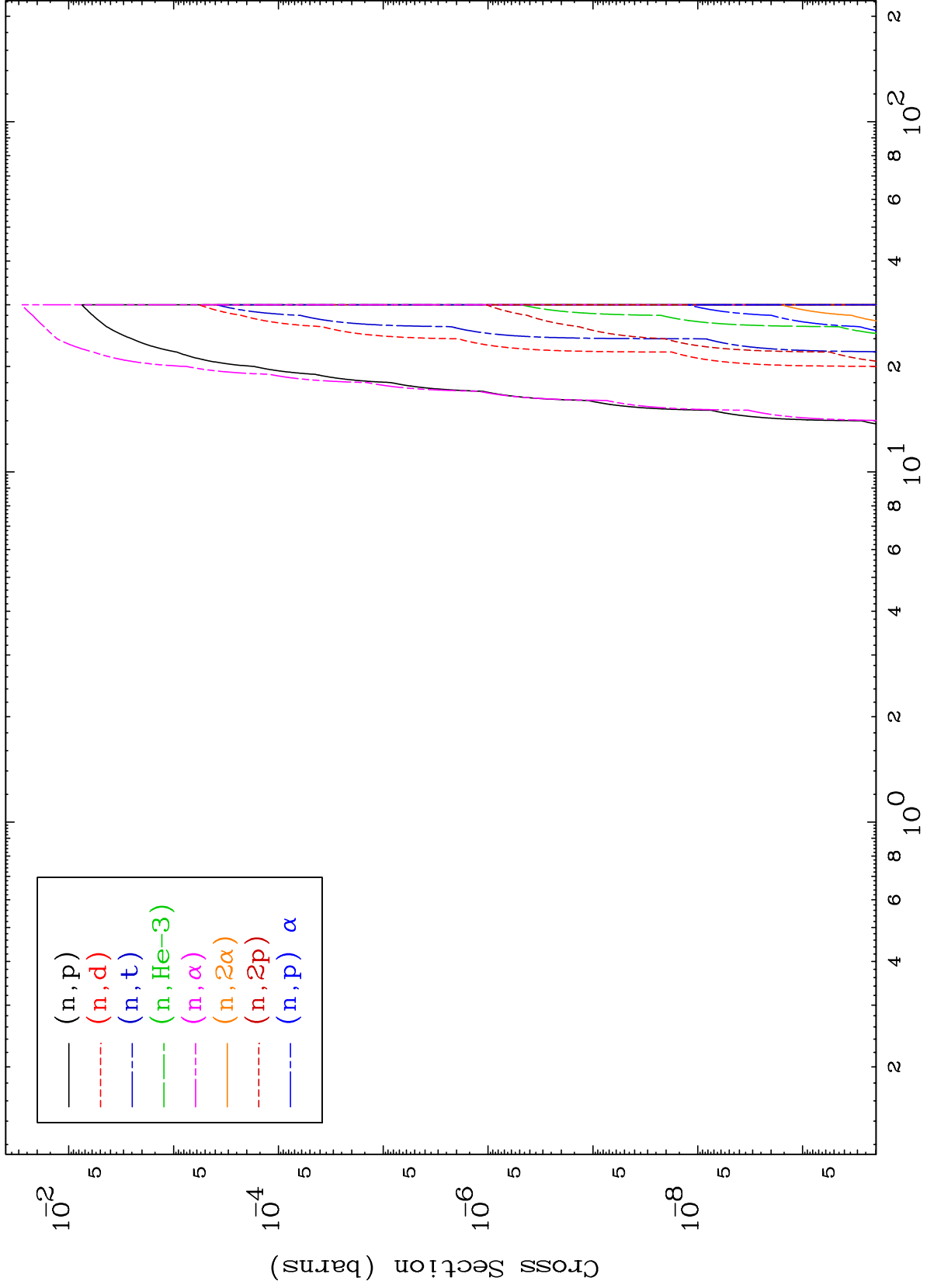
Incident Energy (MeV)

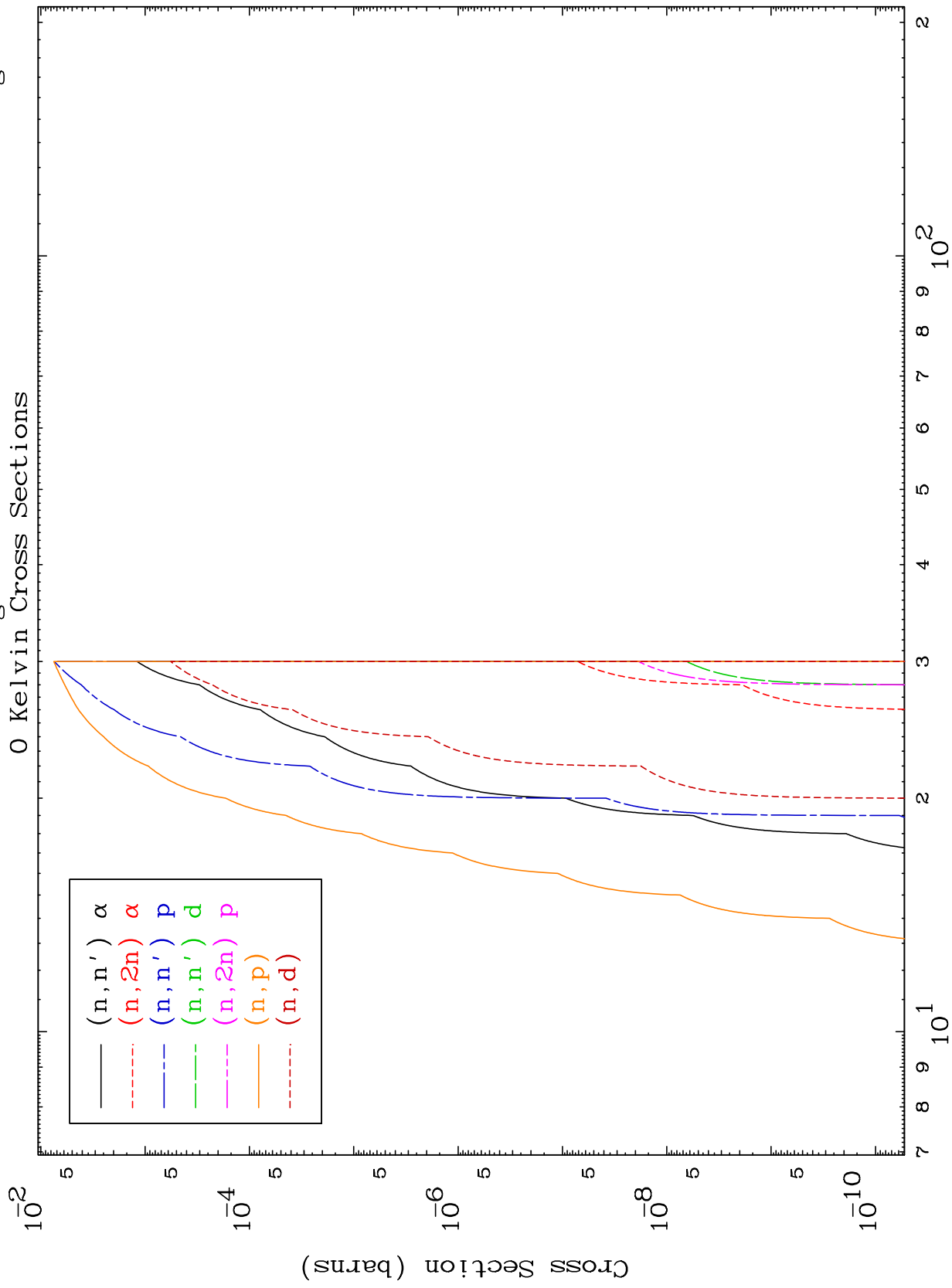
80-Hg-193

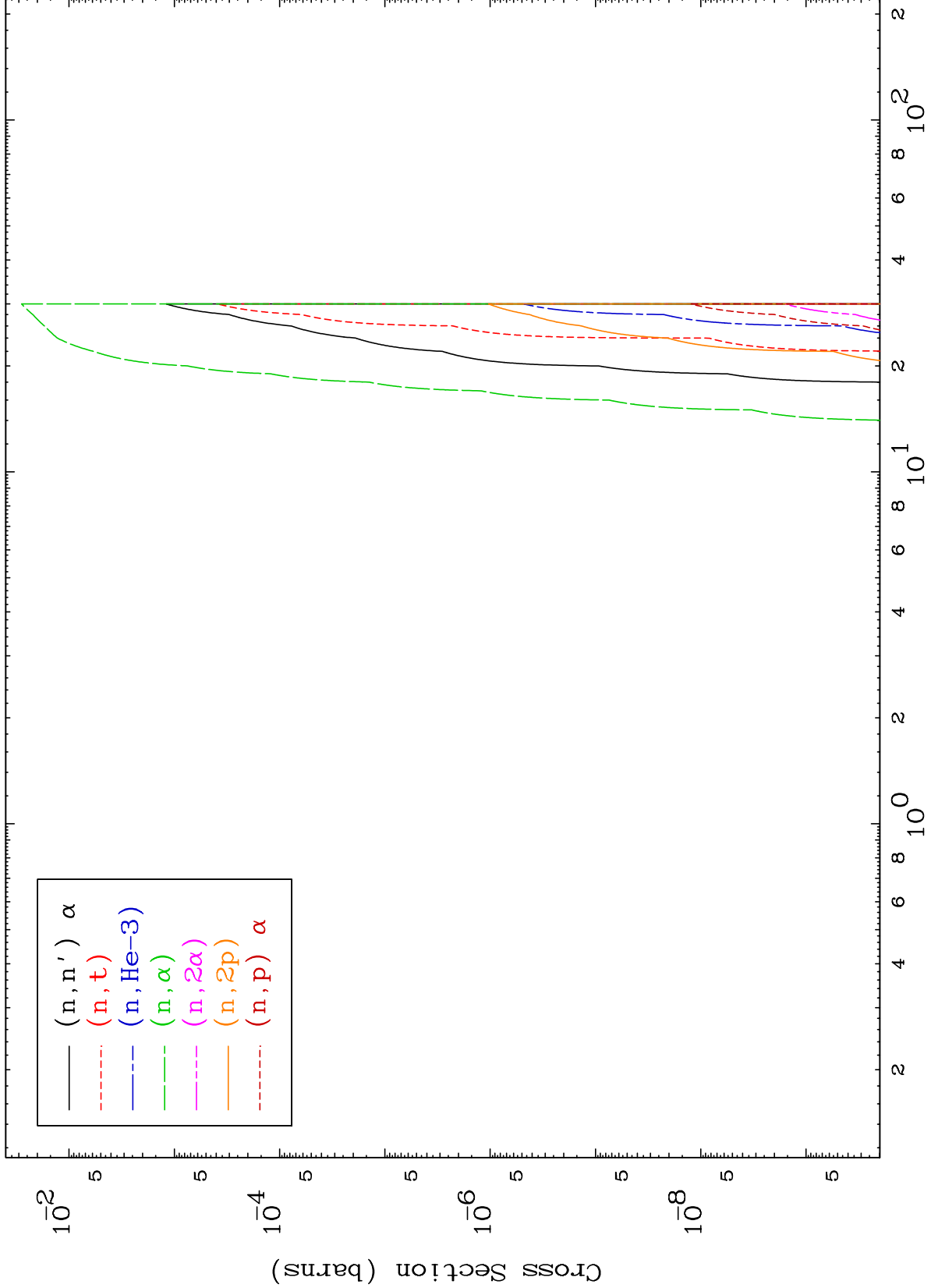
MAT 8016

α Neutron Absorption
0 Kelvin Cross Sections

80-Hg-193



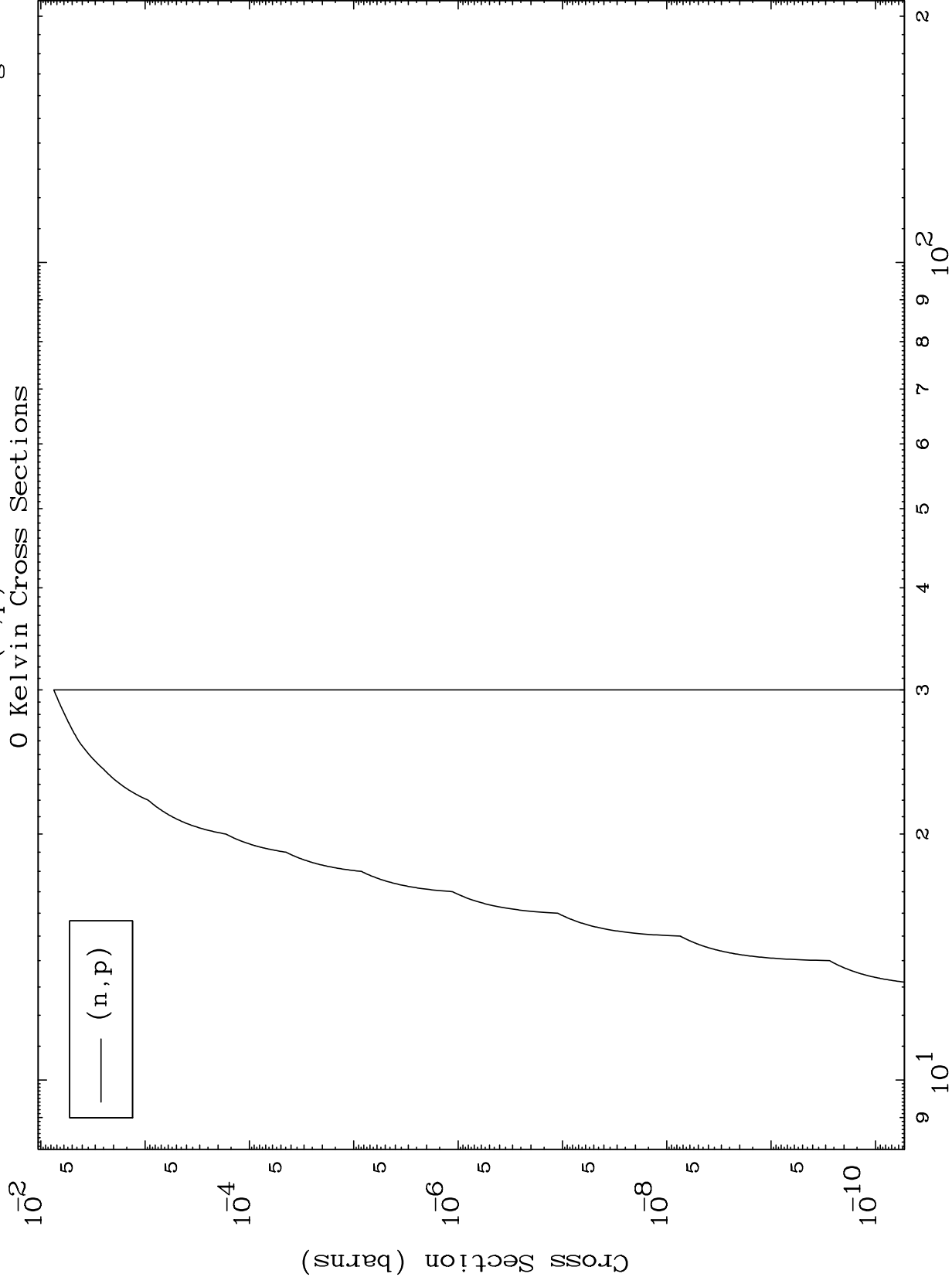




MAT 8016

(α, p) Levels

80-Hg-193



6

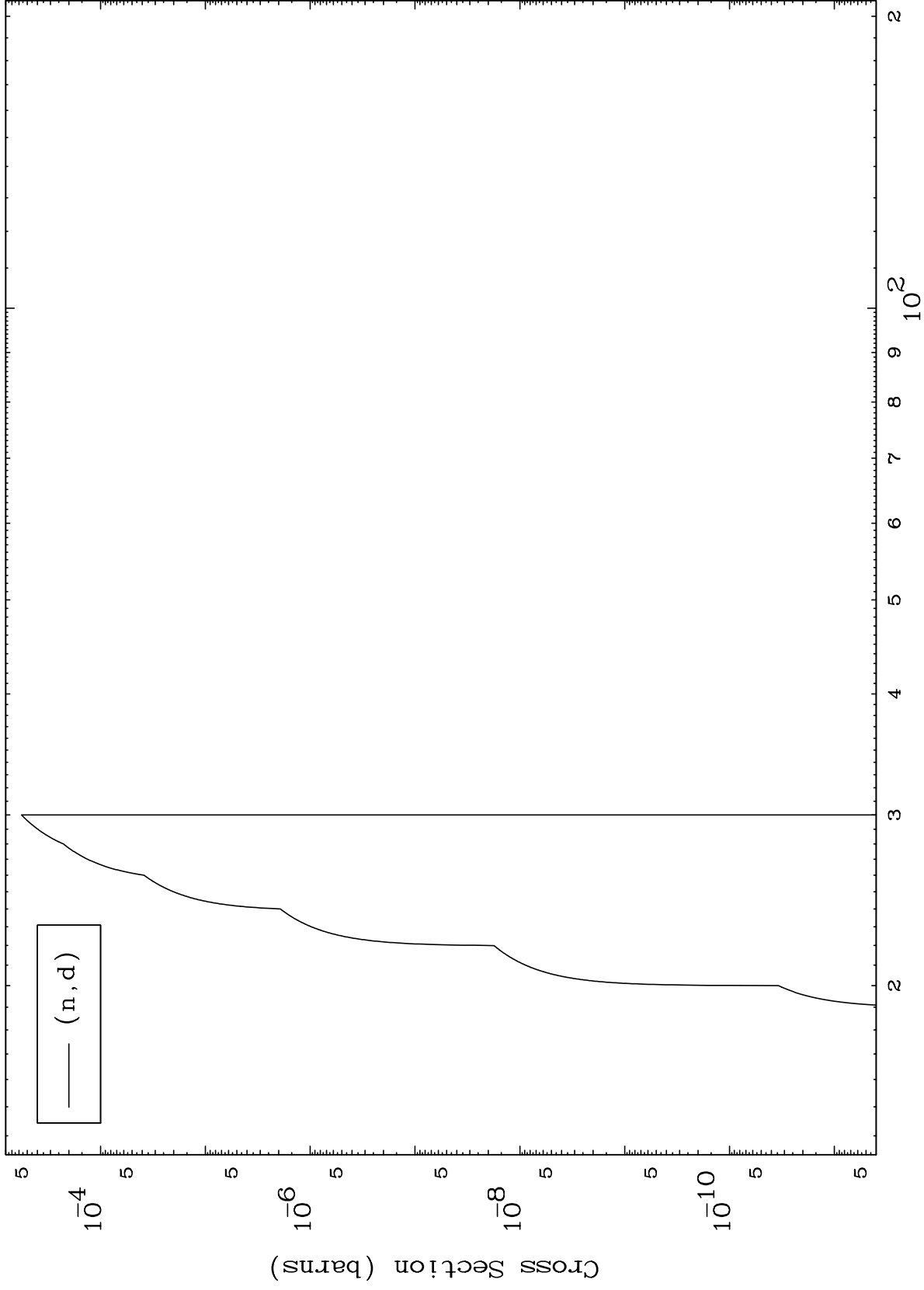
Incident Energy (MeV)

80-Hg-193

MAT 8016

(α, d) Levels
0 Kelvin Cross Sections

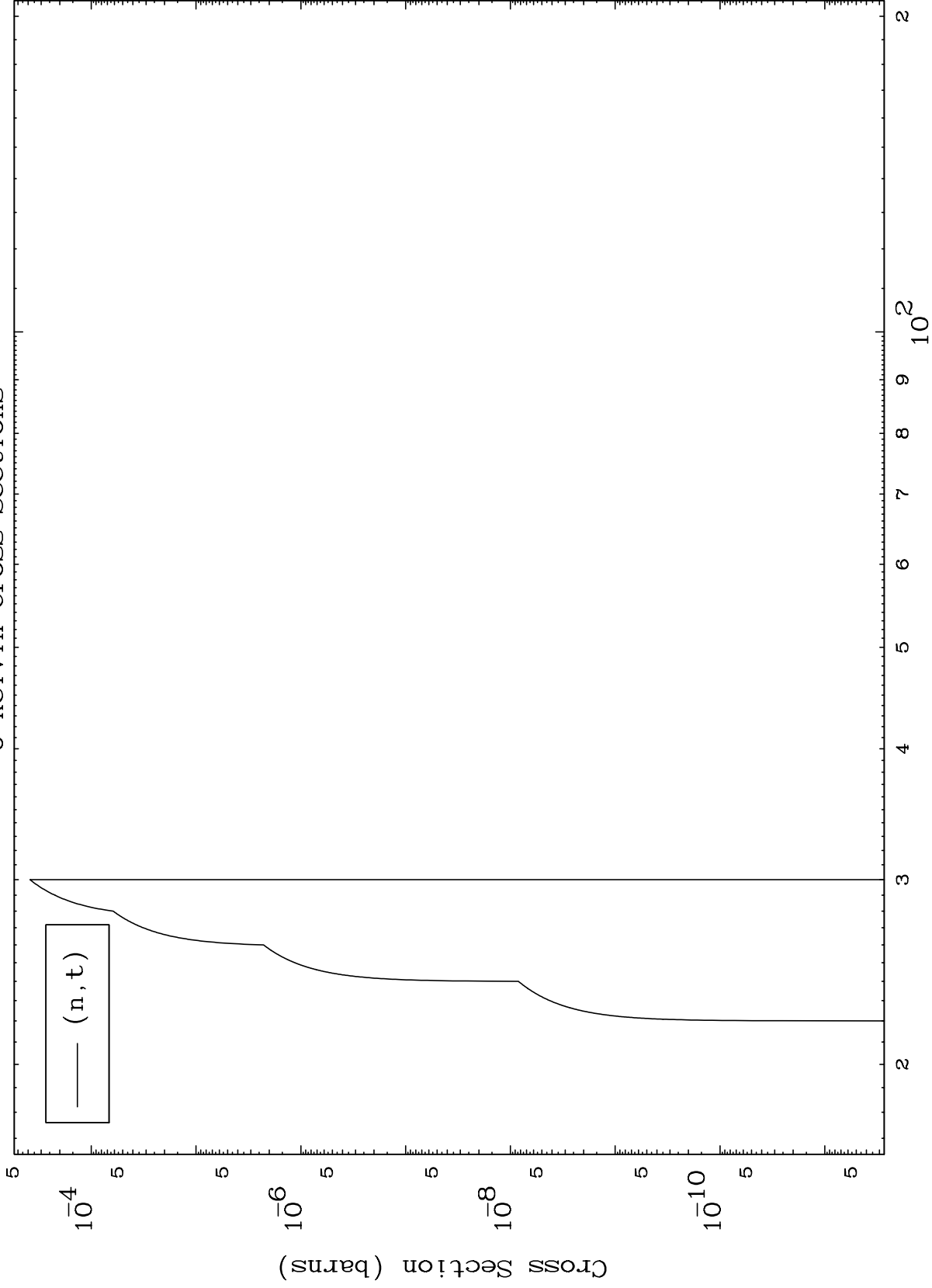
80-Hg-193



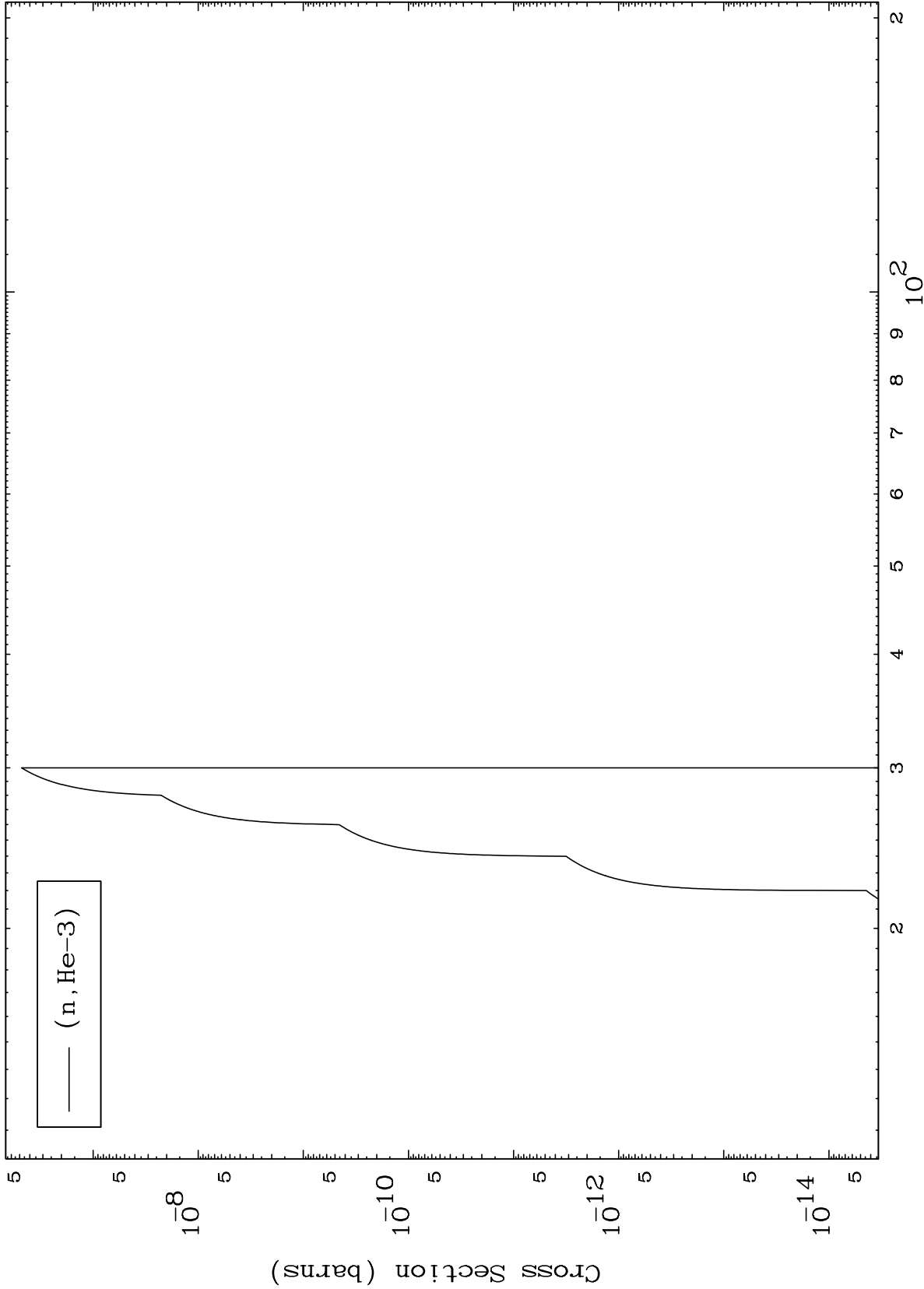
7

Incident Energy (MeV)

80-Hg-193



($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



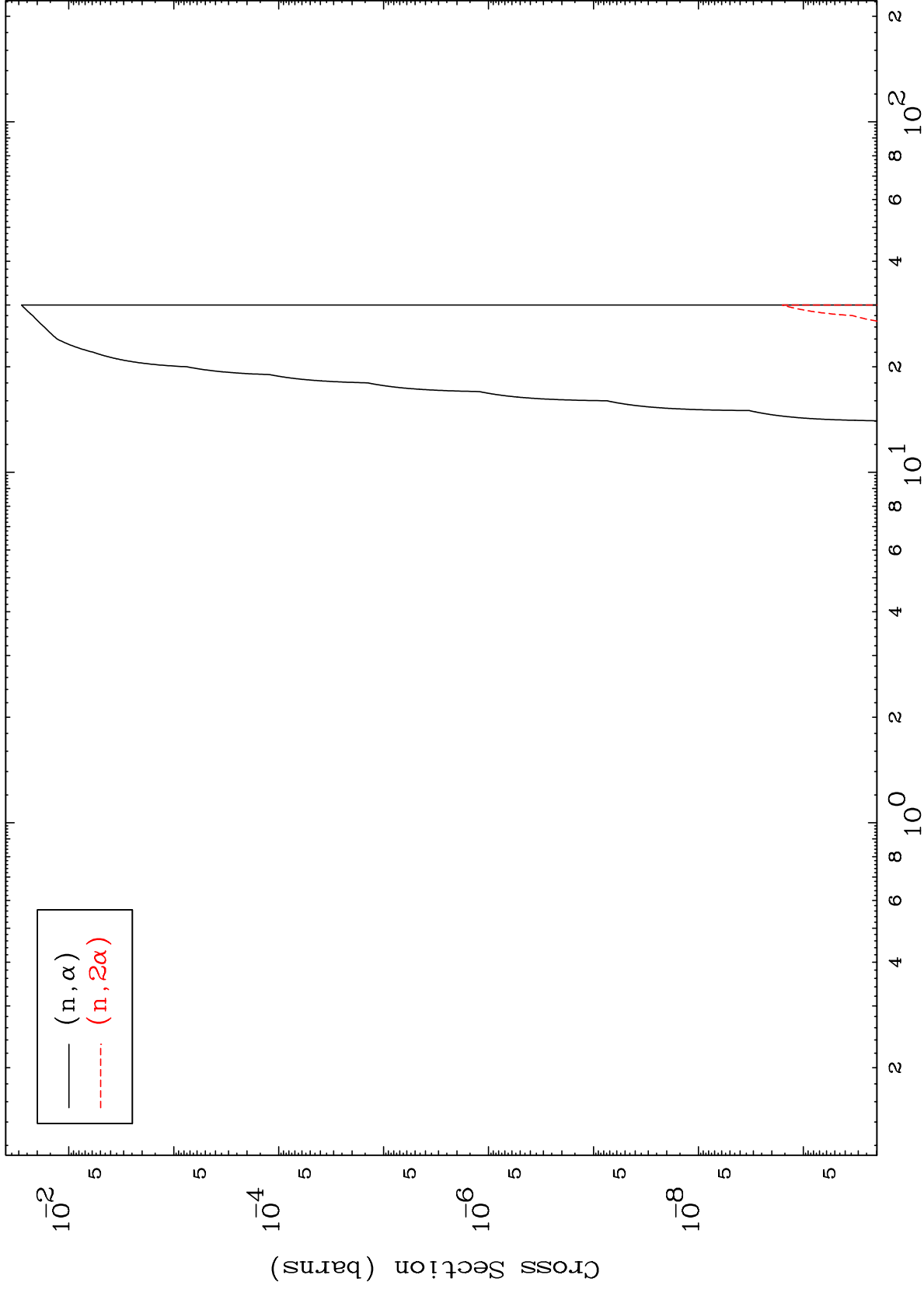
(n, He-3)

MAT 8016

(α, α) Levels

80-Hg-193

0 Kelvin Cross Sections



10

Incident Energy (MeV)

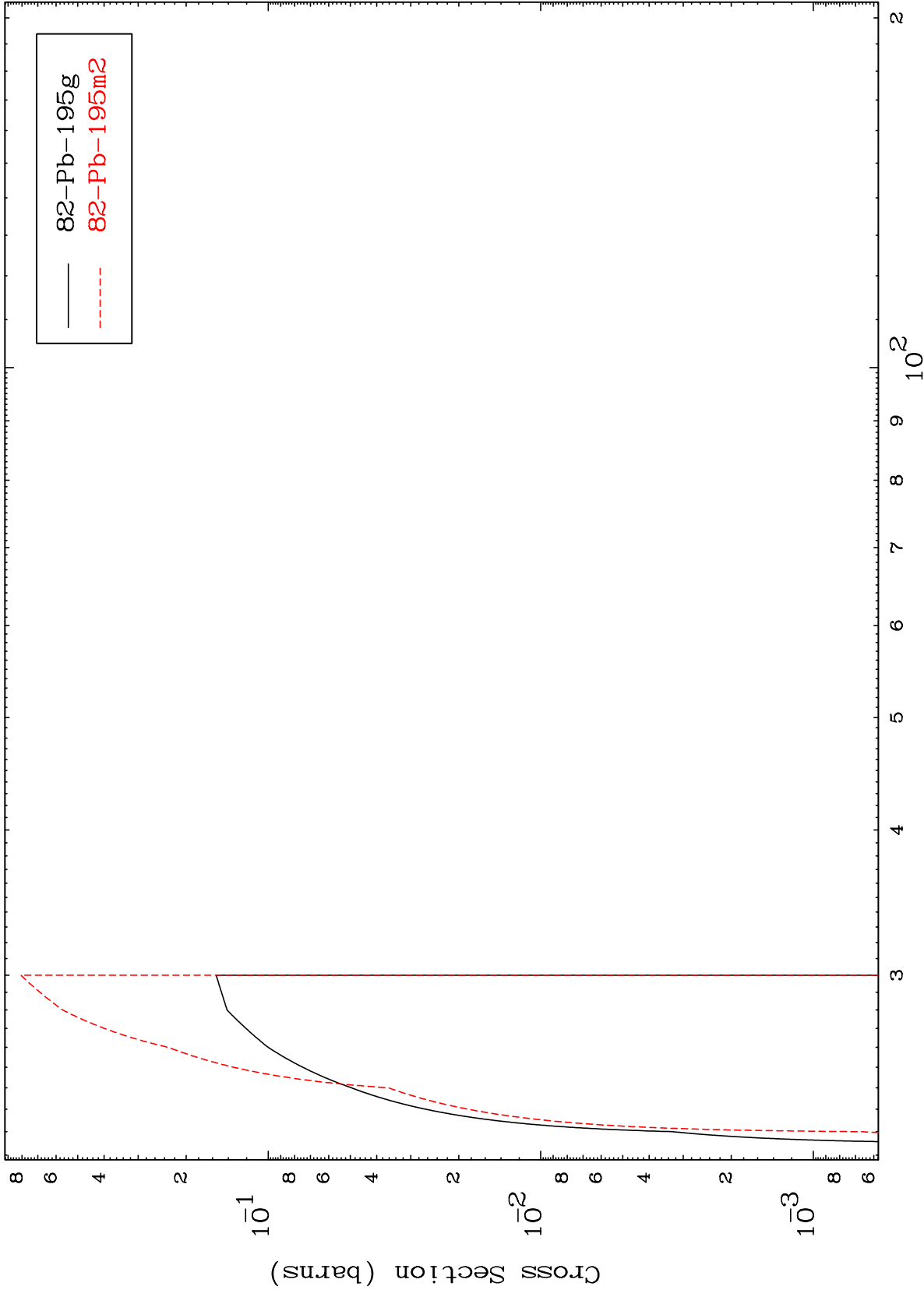
80-Hg-193

MAT 8016

(n,2n)

80-Hg-193

Radionuclide Production Cross Section



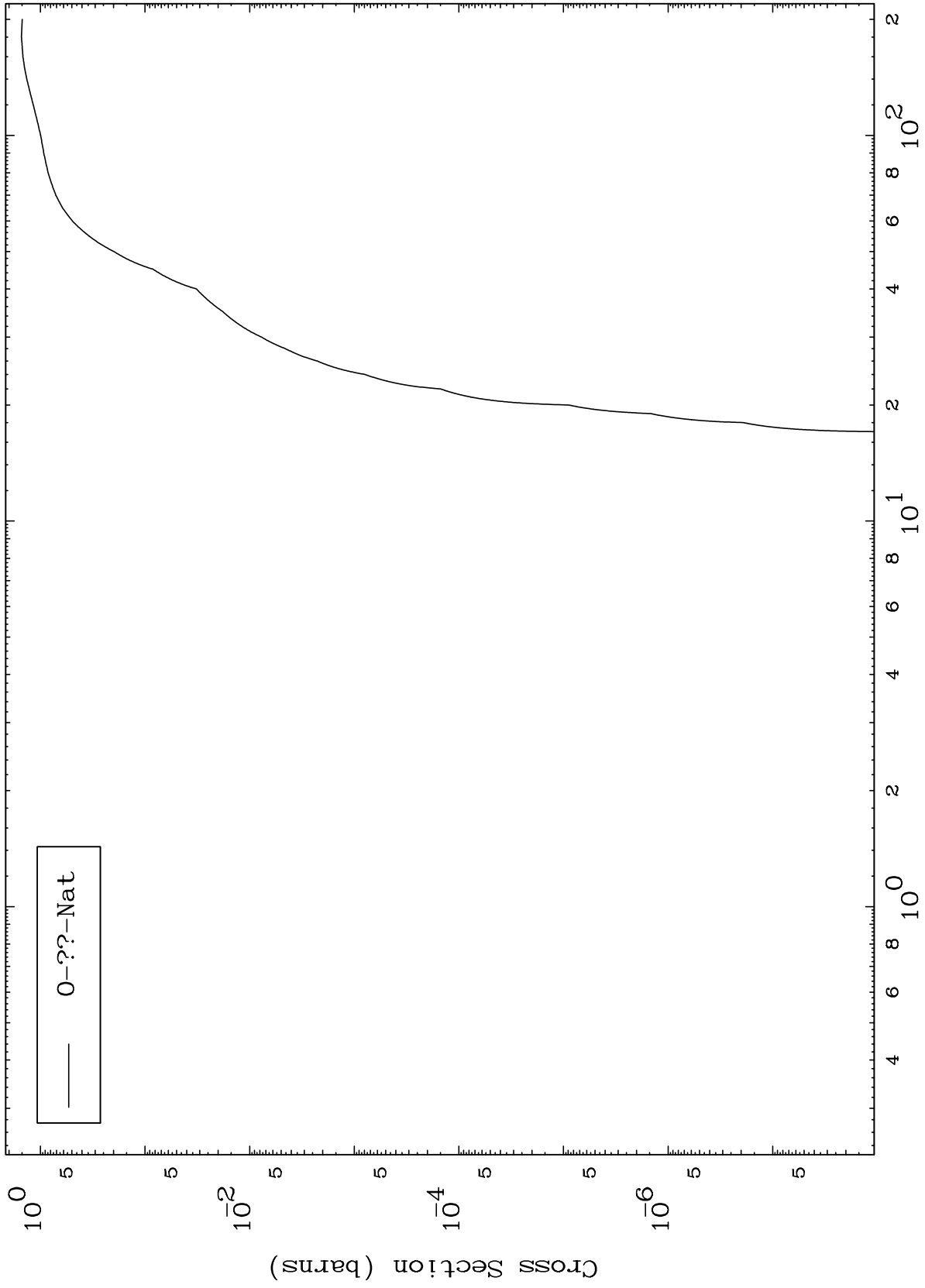
82-Pb-195g
82-Pb-195m2

MAT 8016

Fission

80-Hg-193

Radionuclide Production Cross Section

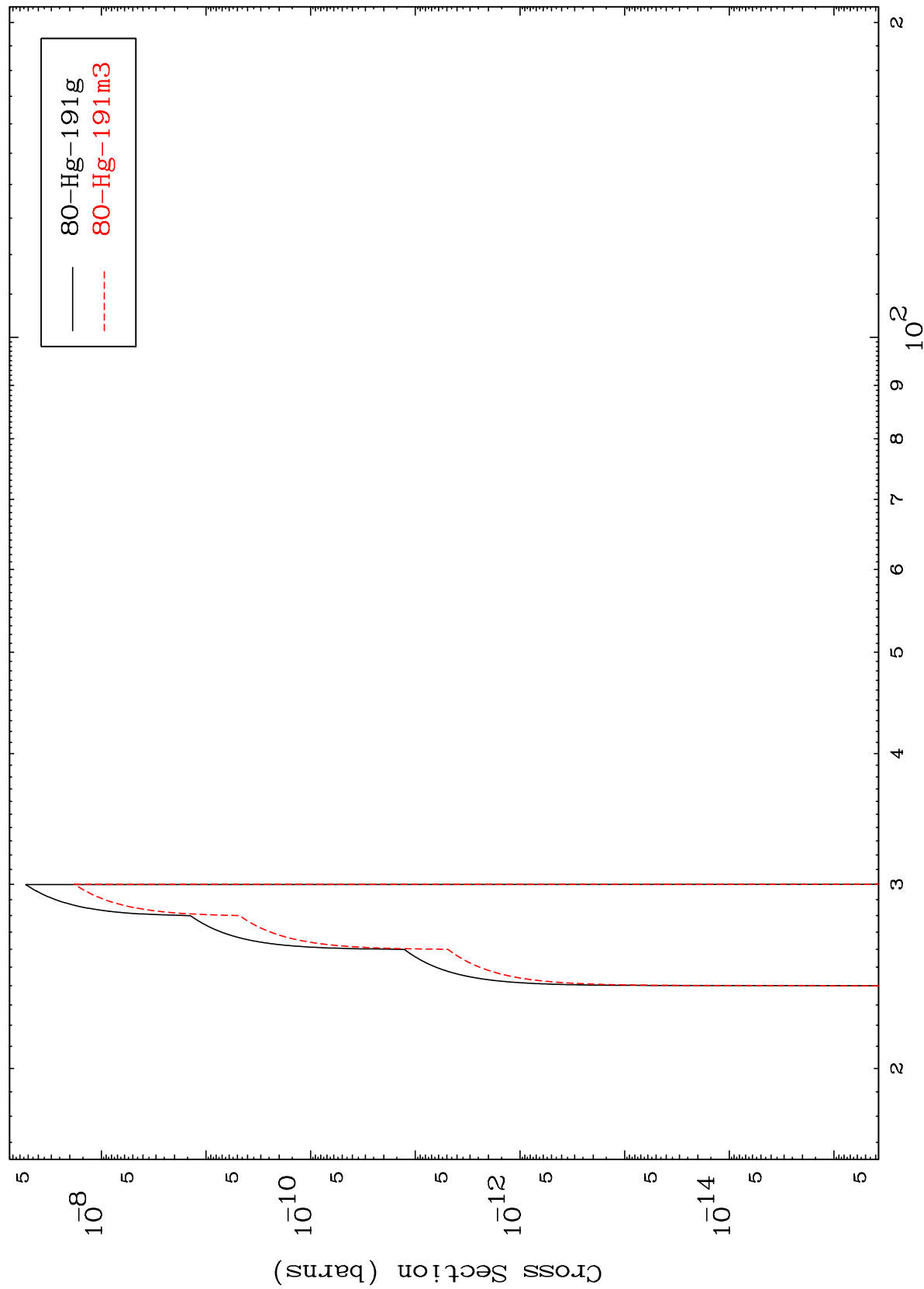


MAT 8016

$(n,2n) \alpha$

80-Hg-193

Radionuclide Production Cross Section



13

Incident Energy (MeV)

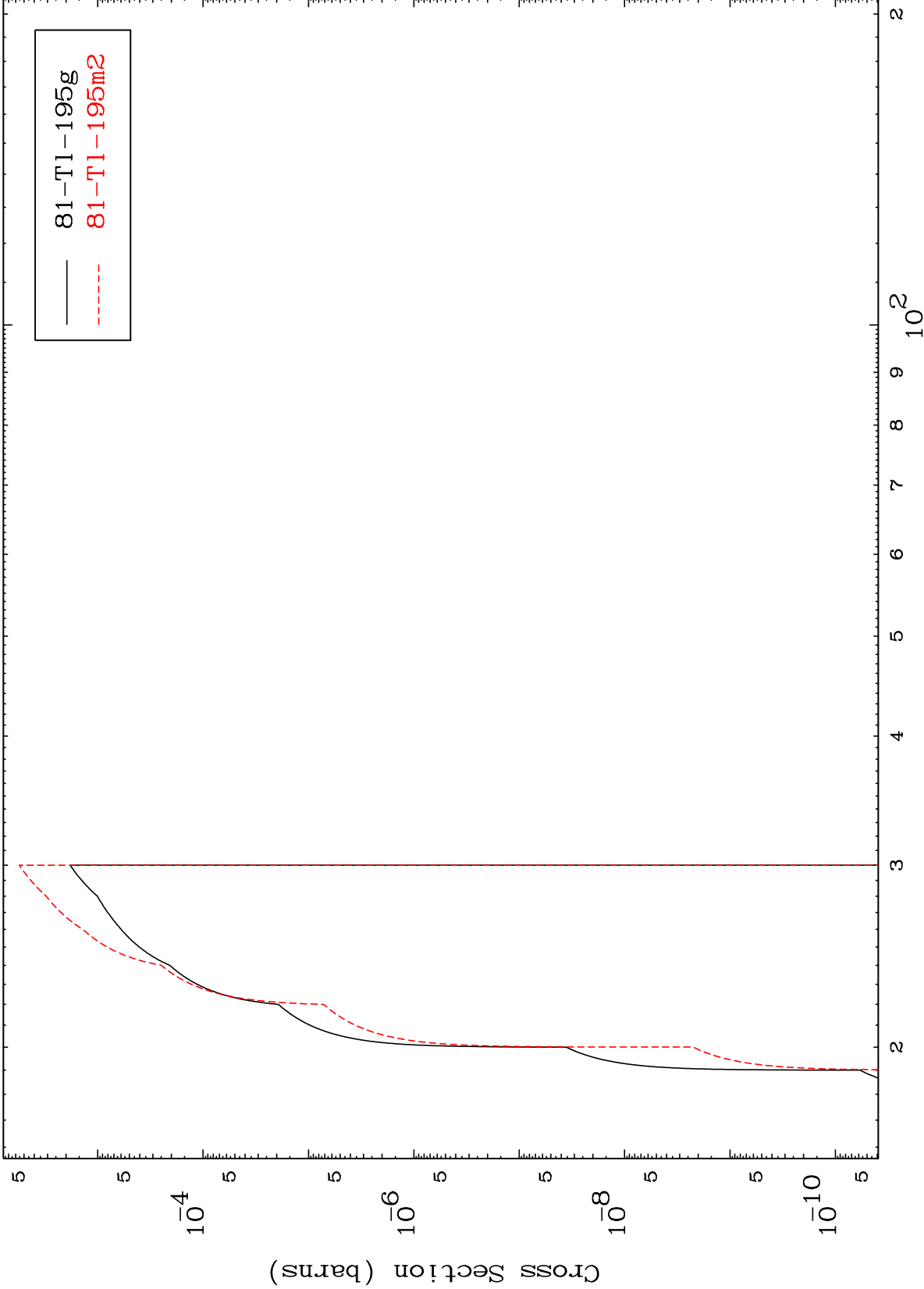
80-Hg-193

MAT 8016

(n,n') p

80-Hg-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

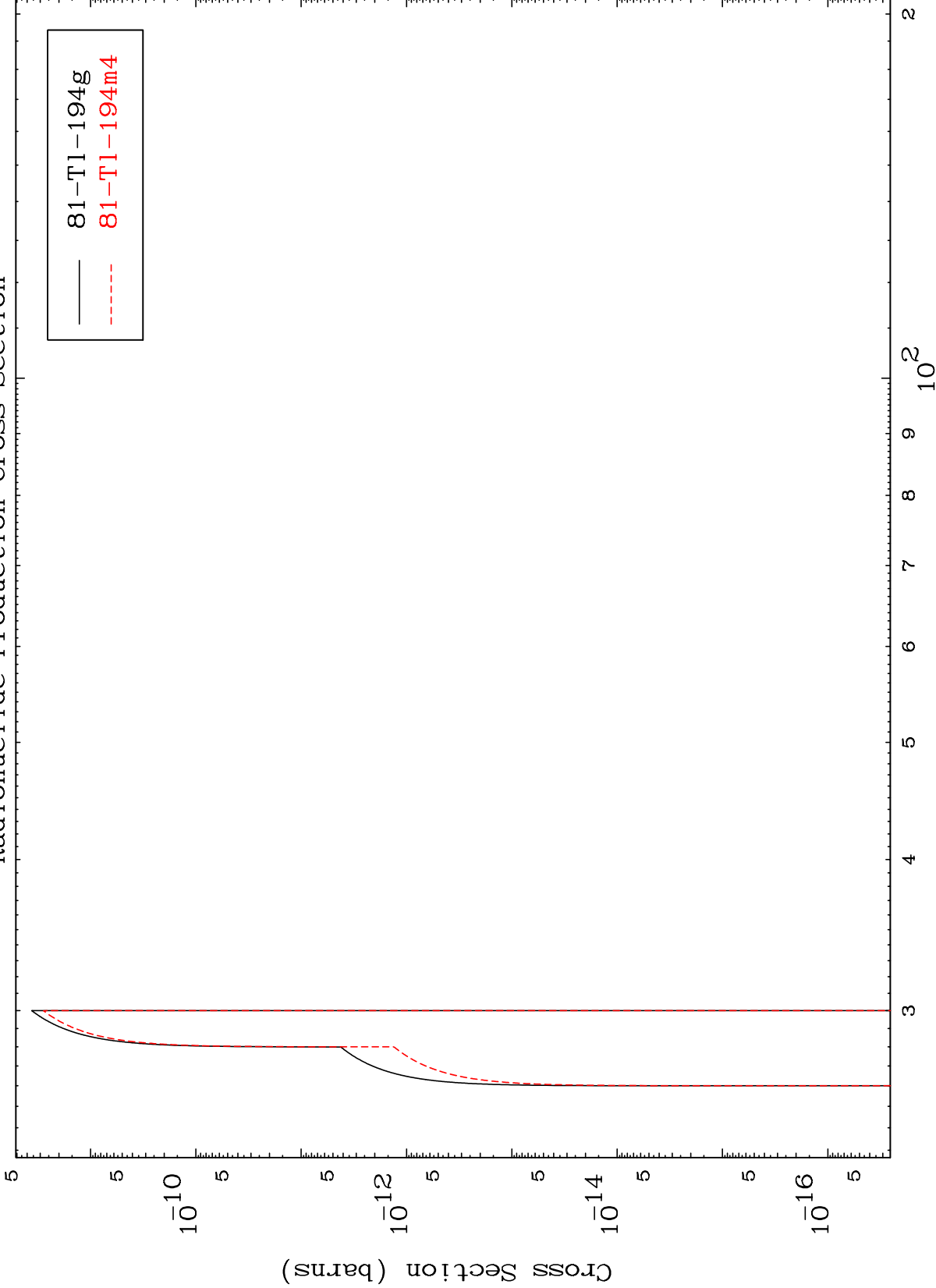
80-Hg-193

MAT 8016

(n,n') d

80-Hg-193

Radionuclide Production Cross Section



15

Incident Energy (MeV)

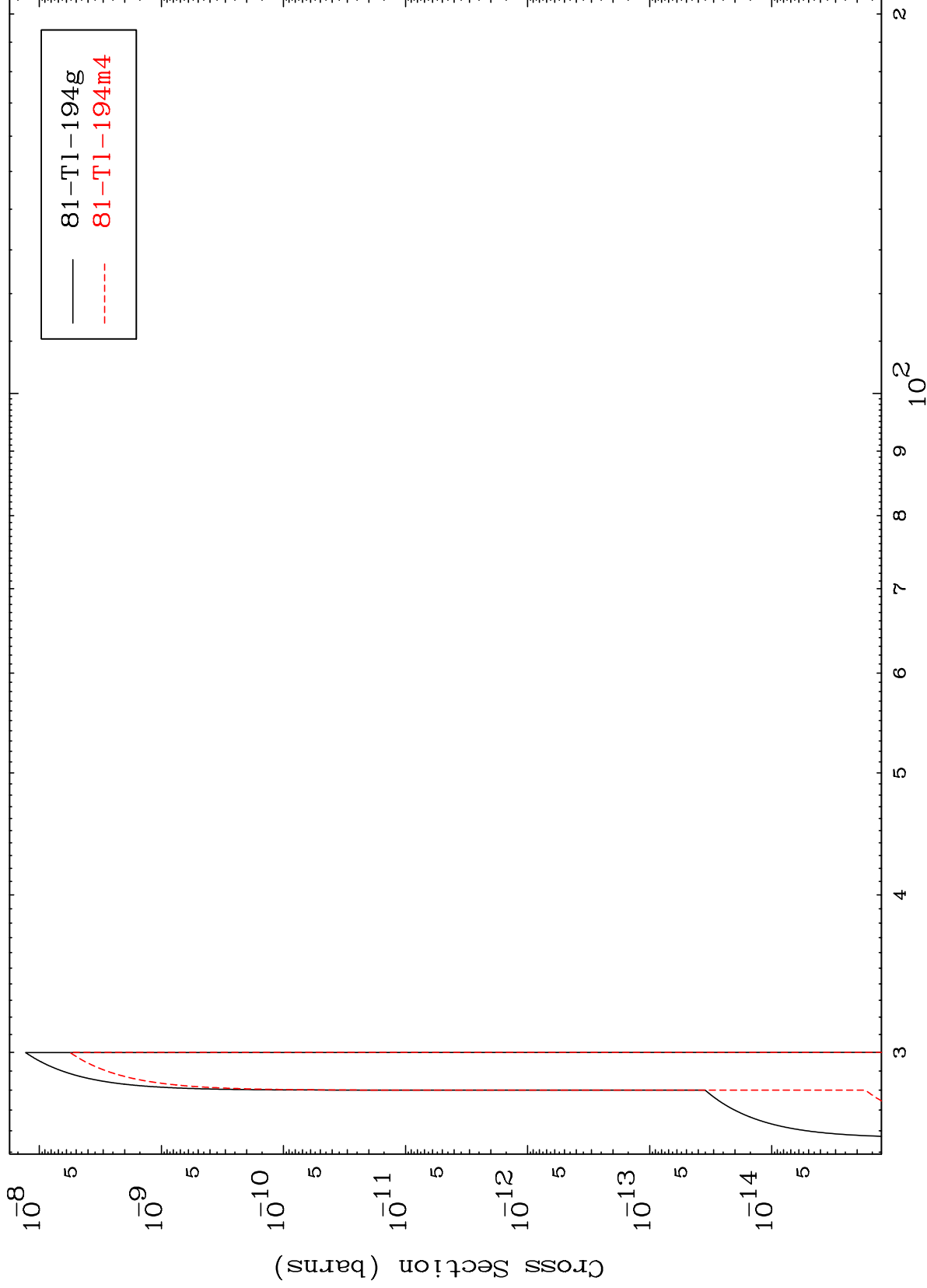
80-Hg-193

MAT 8016

(n,2n) p

80-Hg-193

Radionuclide Production Cross Section



16

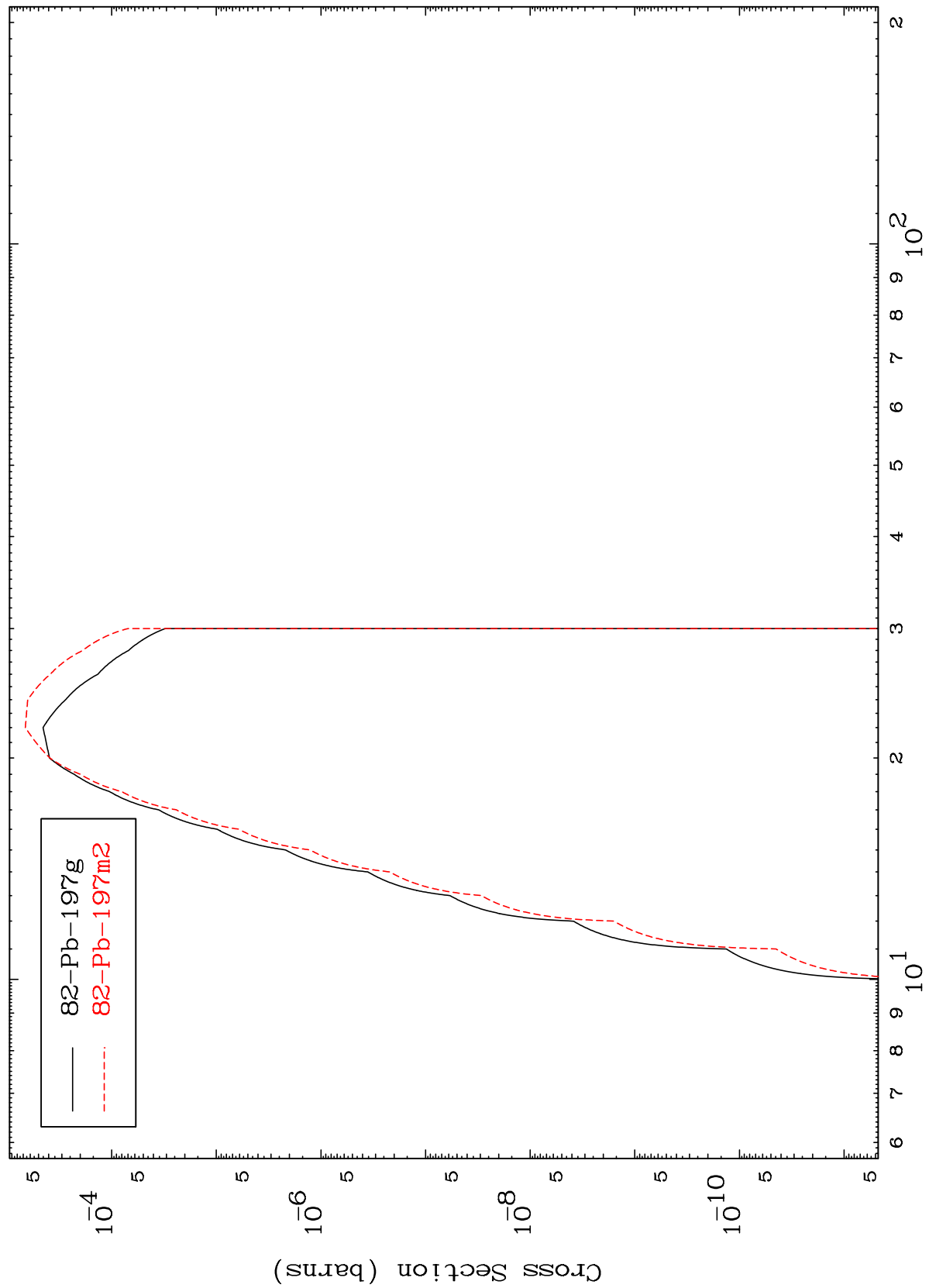
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n,γ)
Radionuclide Production Cross Section



17

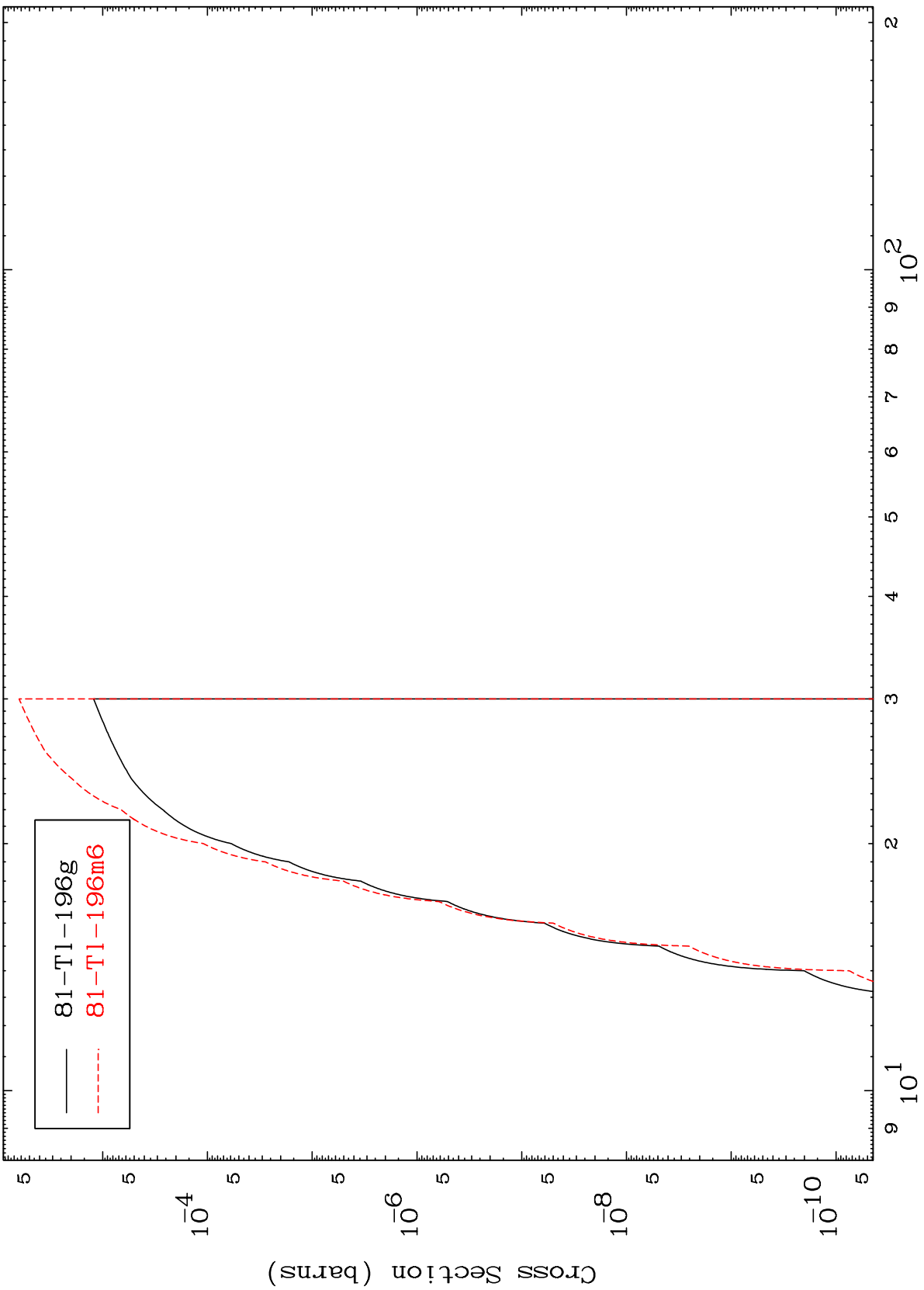
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n,p)
Radionuclide Production Cross Section



18

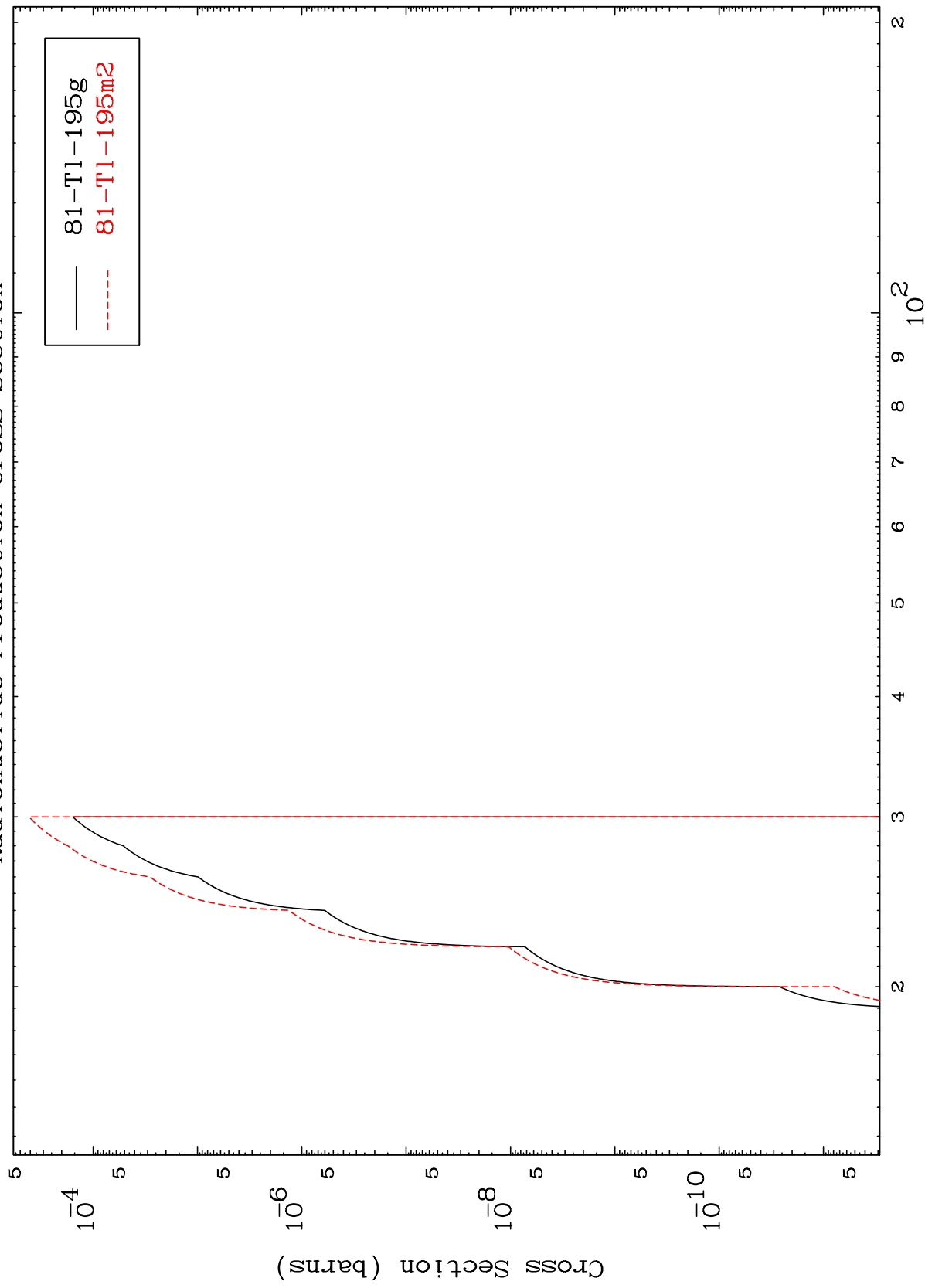
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n,d)
Radionuclide Production Cross Section



19

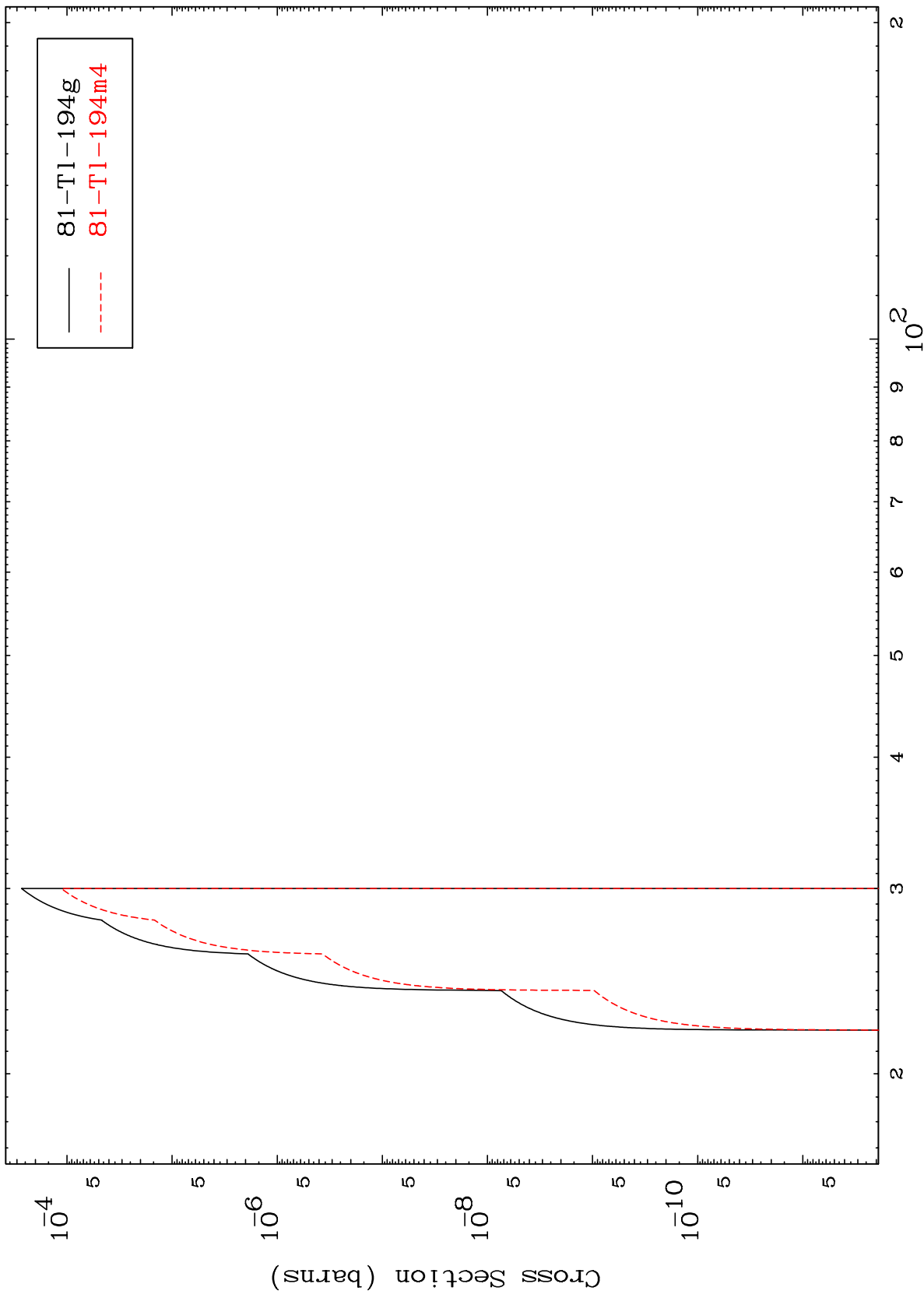
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n, t)
Radionuclide Production Cross Section



20

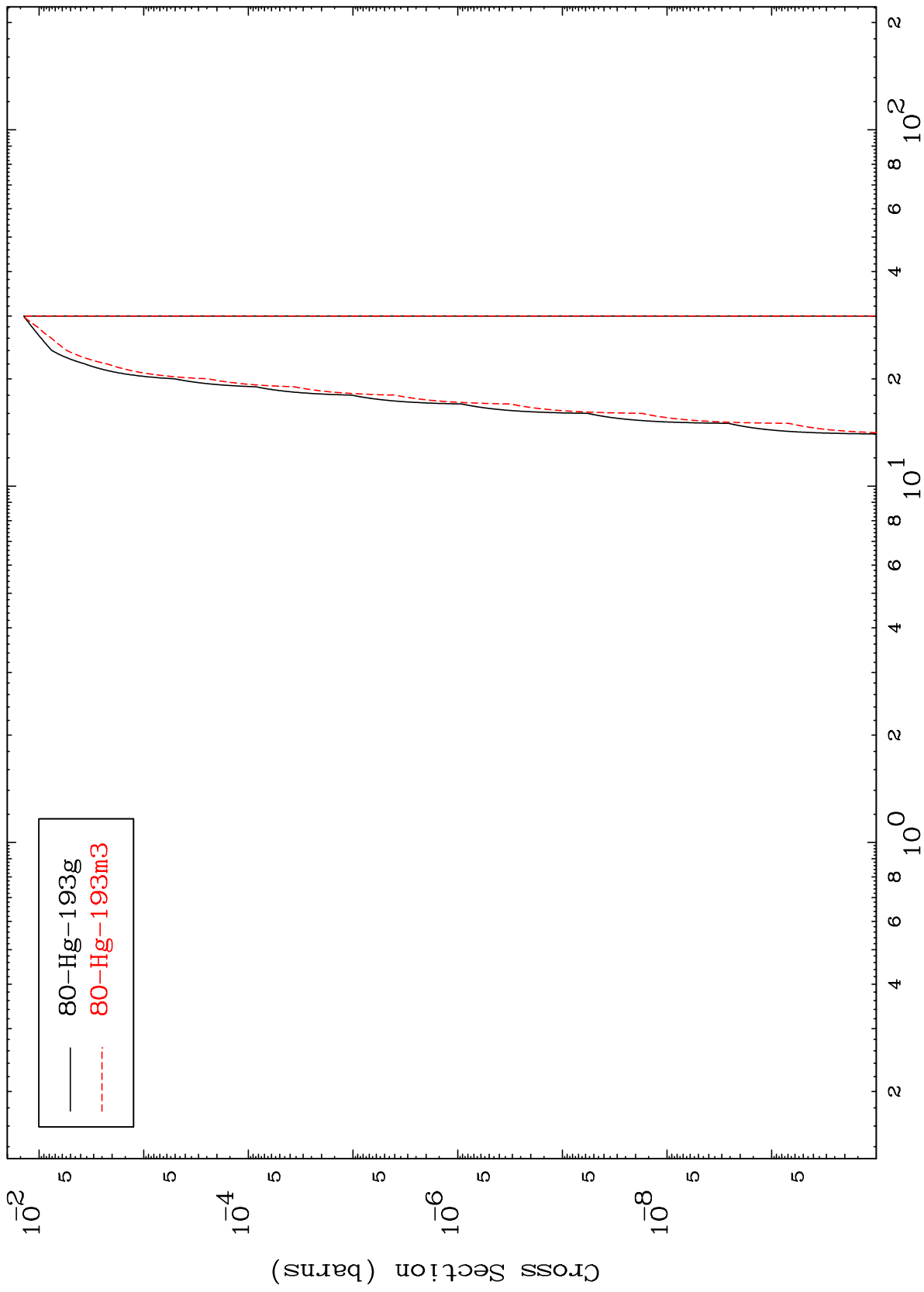
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

Radionuclide Production Cross Section



21

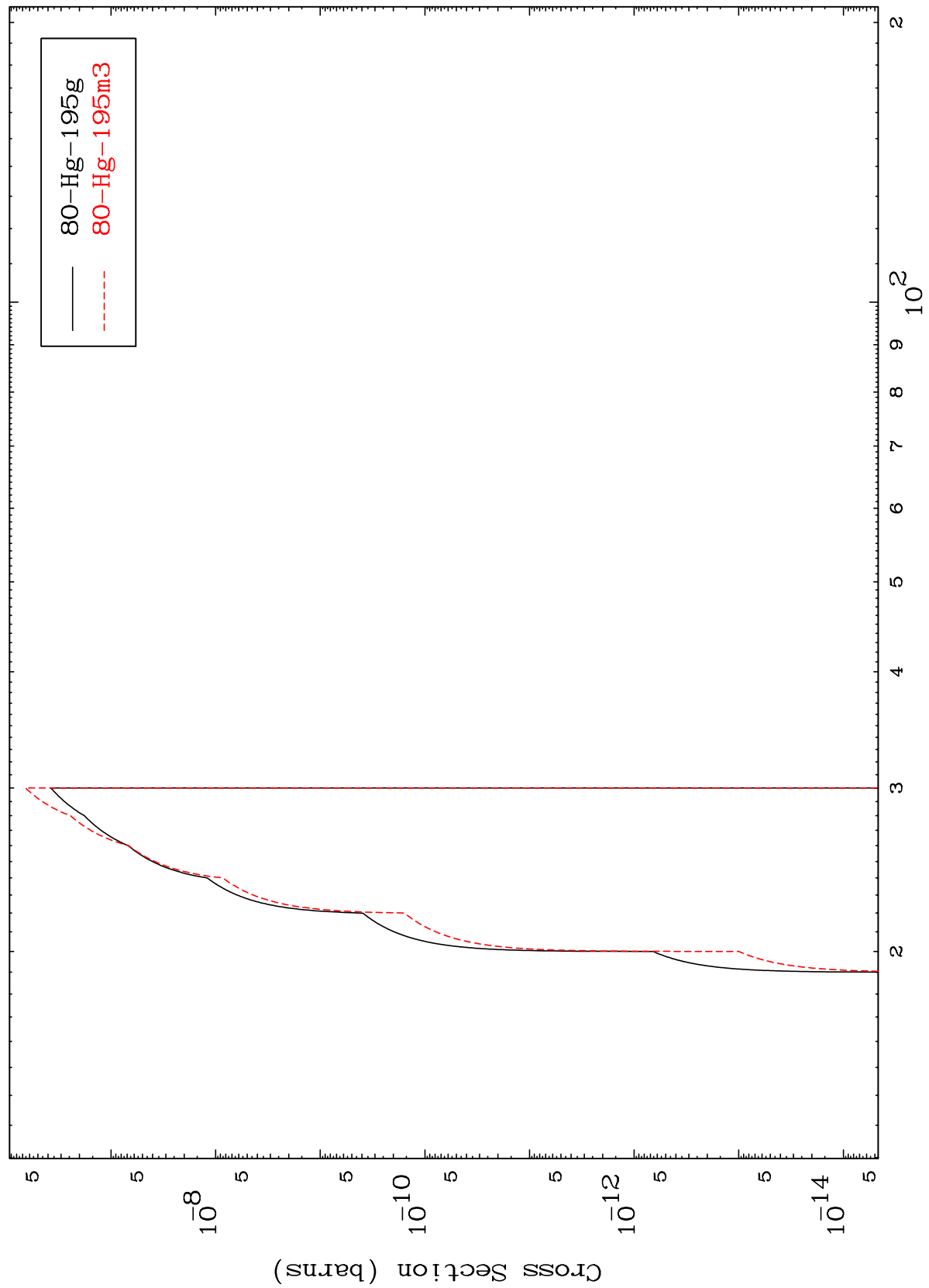
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n,2p)
Radionuclide Production Cross Section



22

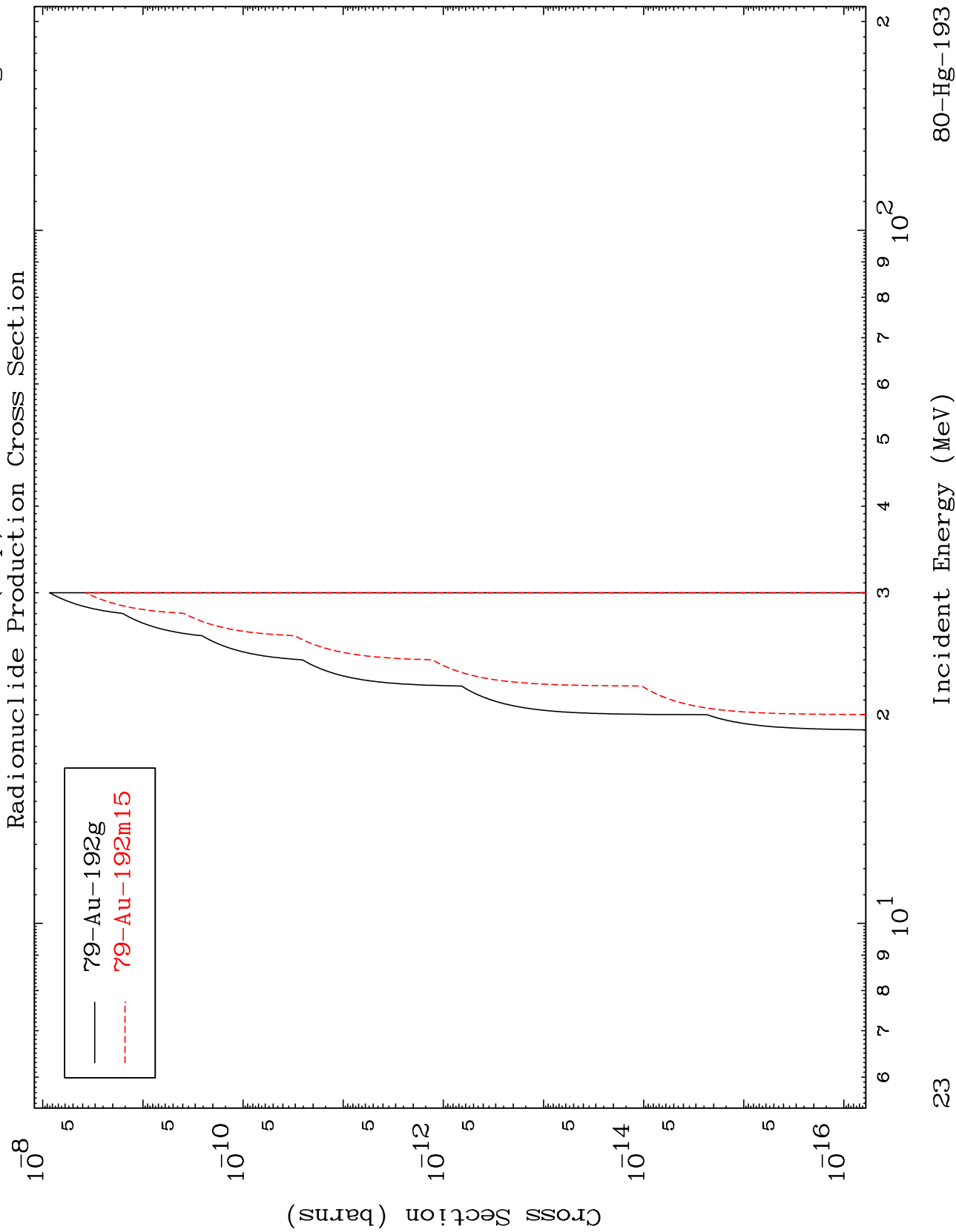
80-Hg-193

Incident Energy (MeV)

MAT 8016

(n,p) α

80-Hg-193



79-Au-192g
79-Au-192m15