

Program EVALPLOT
(Version 2021-1)

by

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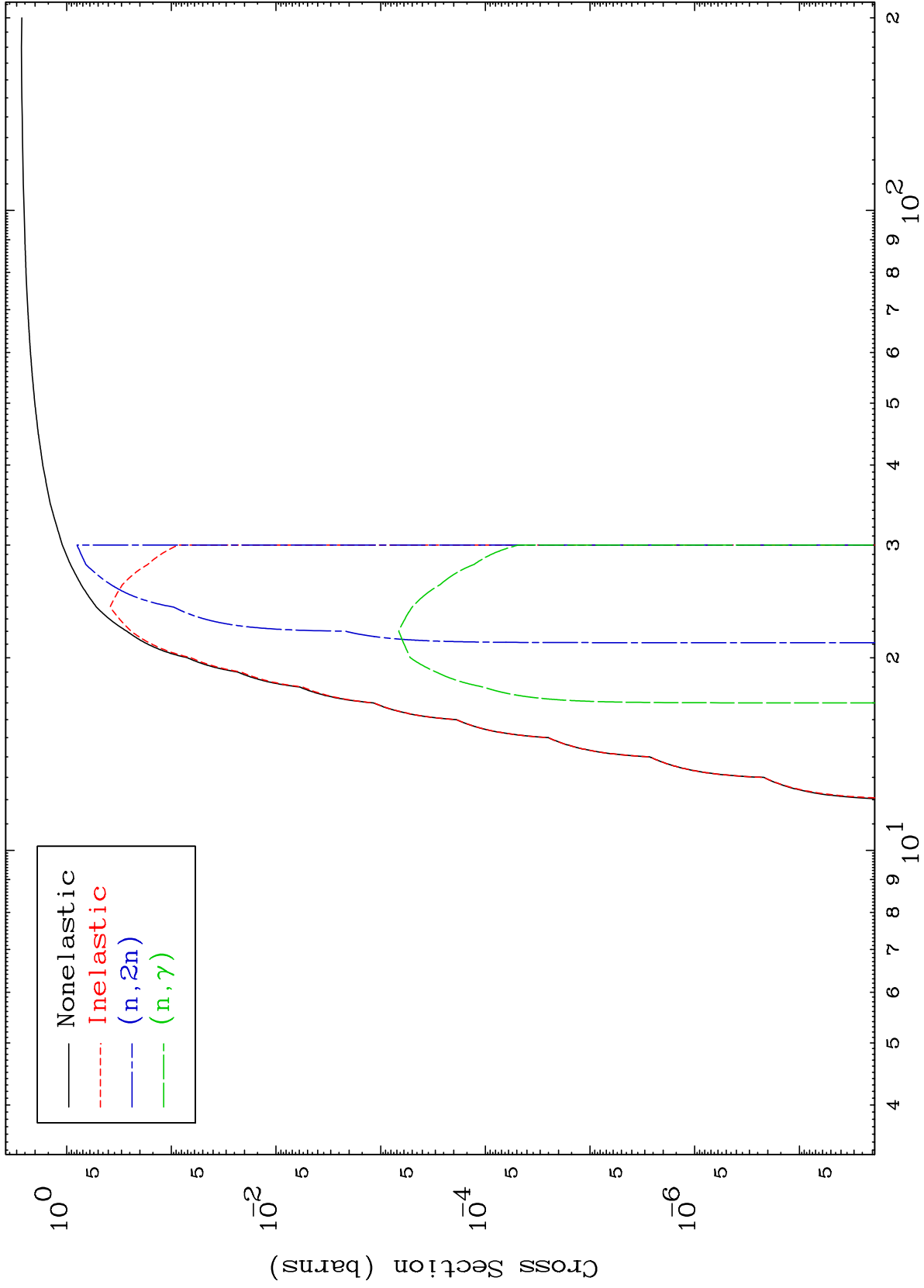
Press Mouse Button to Start

MAT 7904

0 Kelvin Cross Sections

α Major

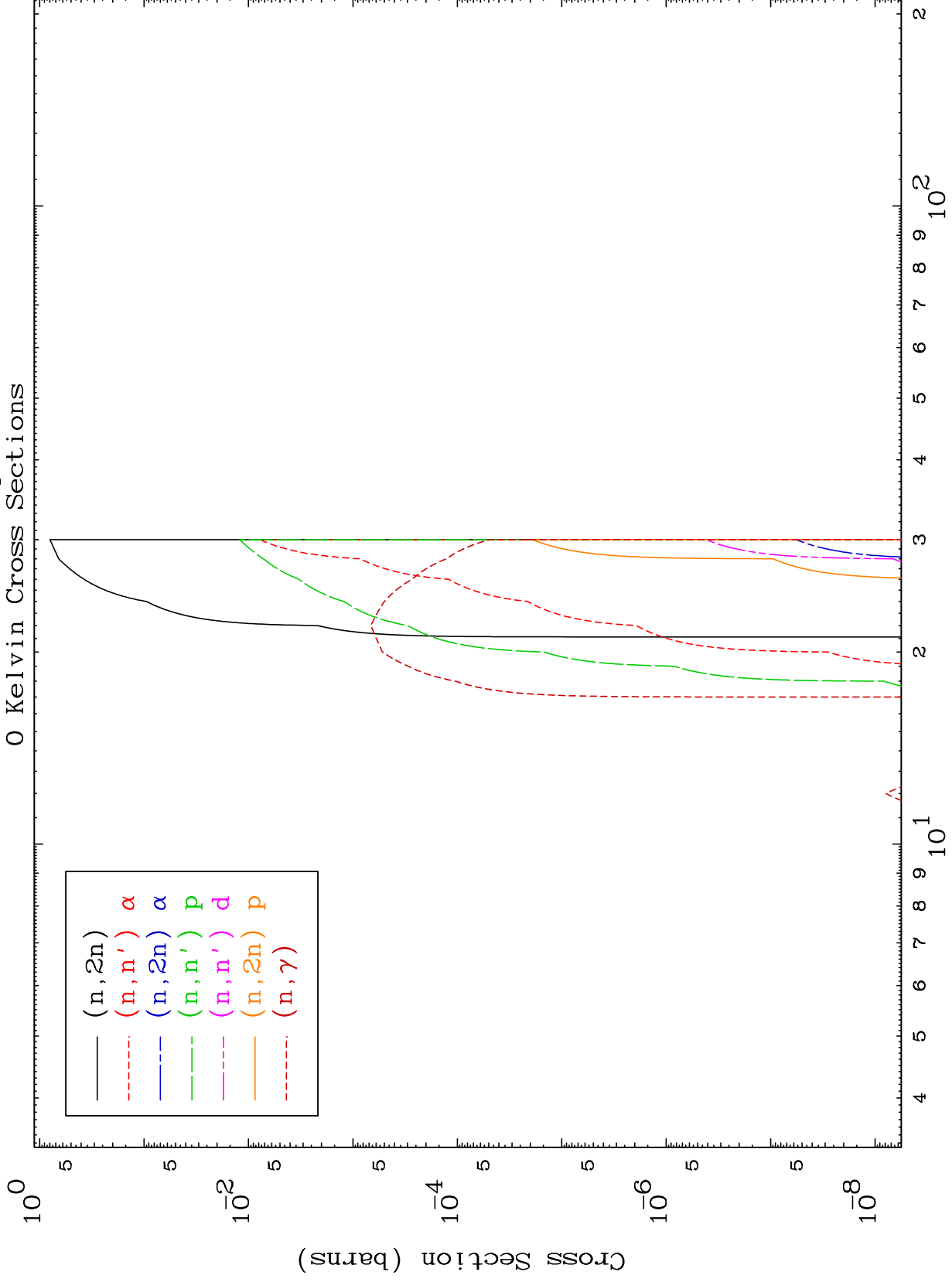
79-Au-190



MAT 7904

α Neutron Absorption
0 Kelvin Cross Sections

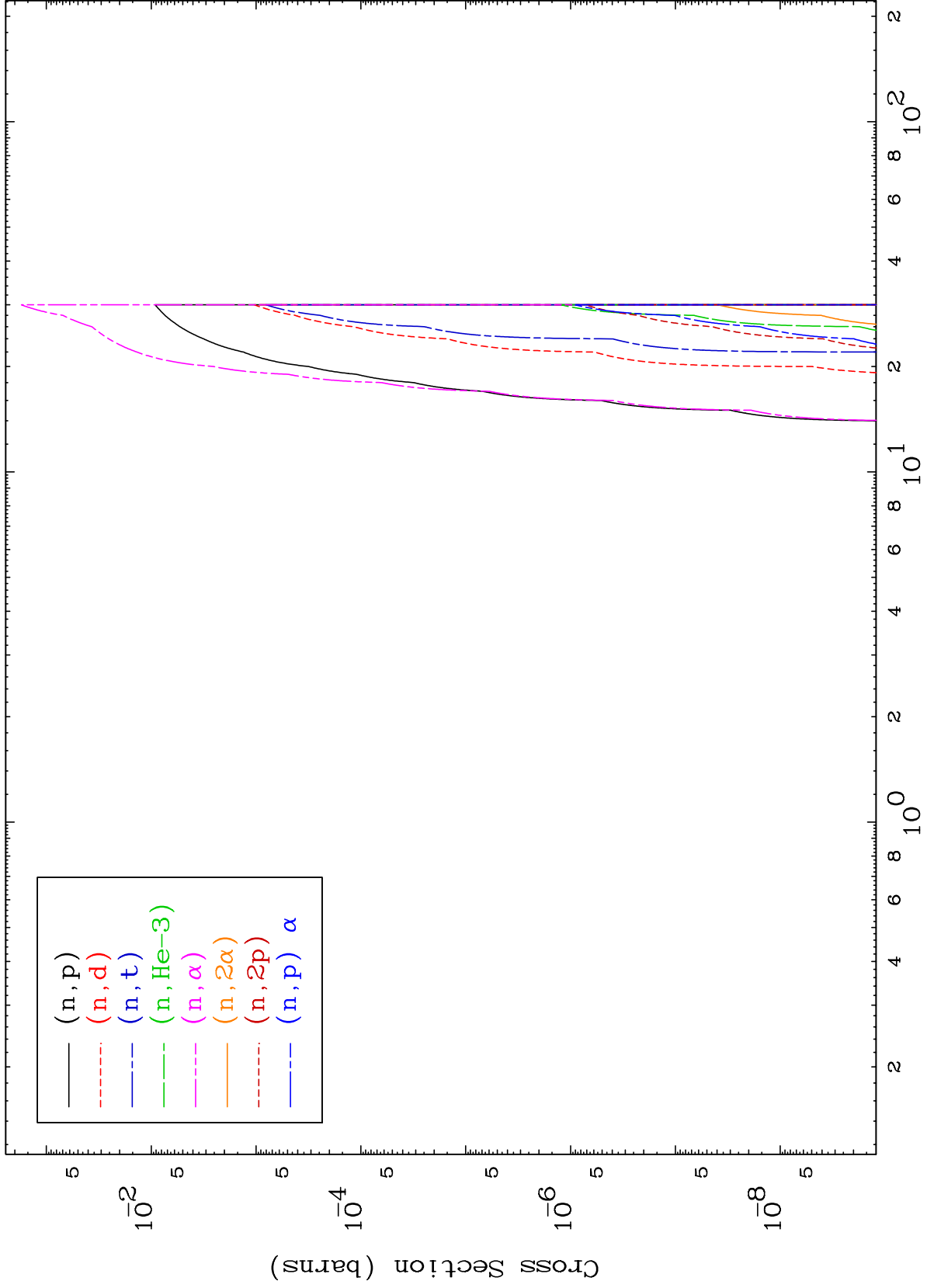
79-Au-190



2

Incident Energy (MeV)

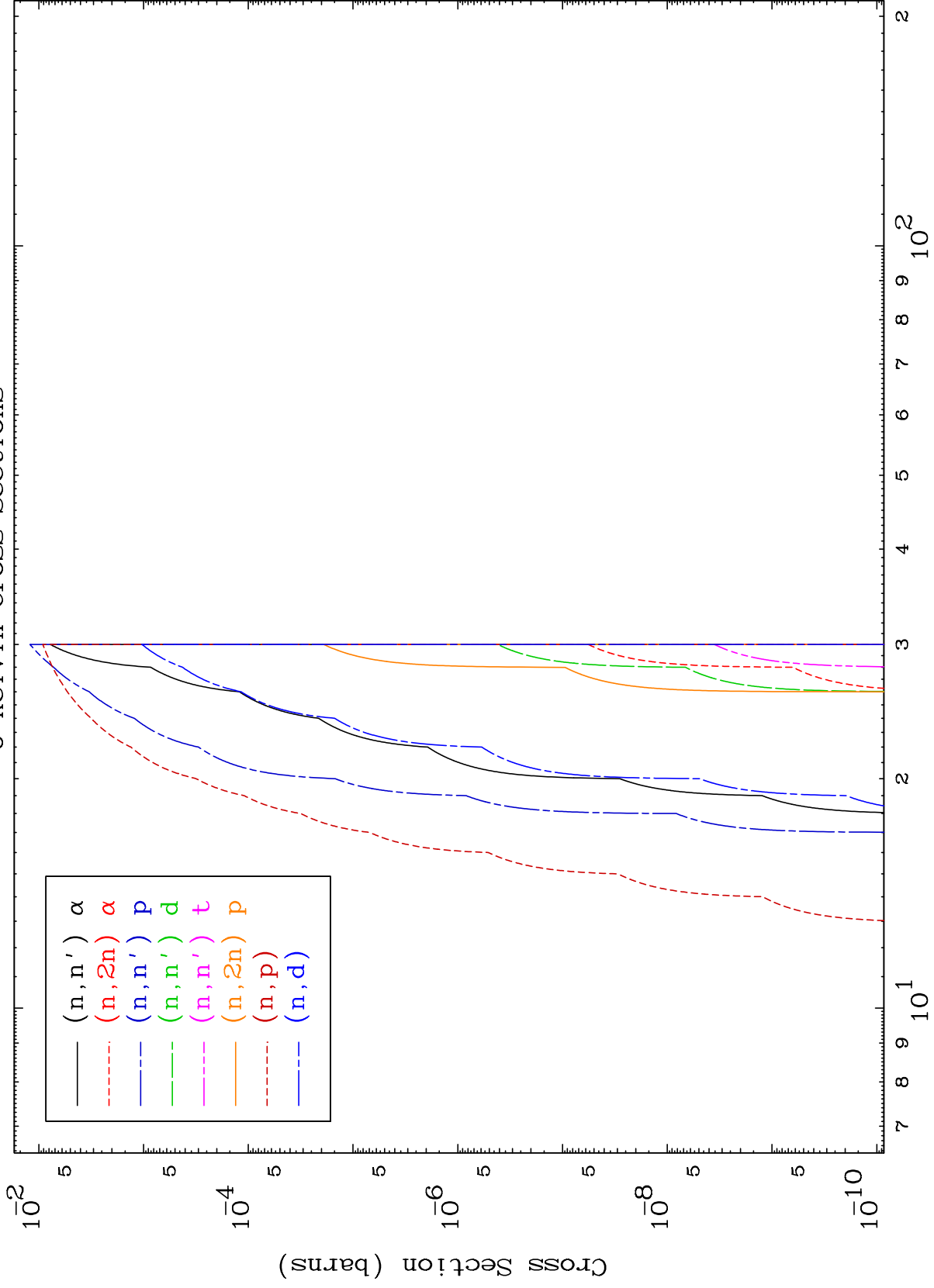
79-Au-190



MAT 7904

α Charged Particle
0 Kelvin Cross Sections

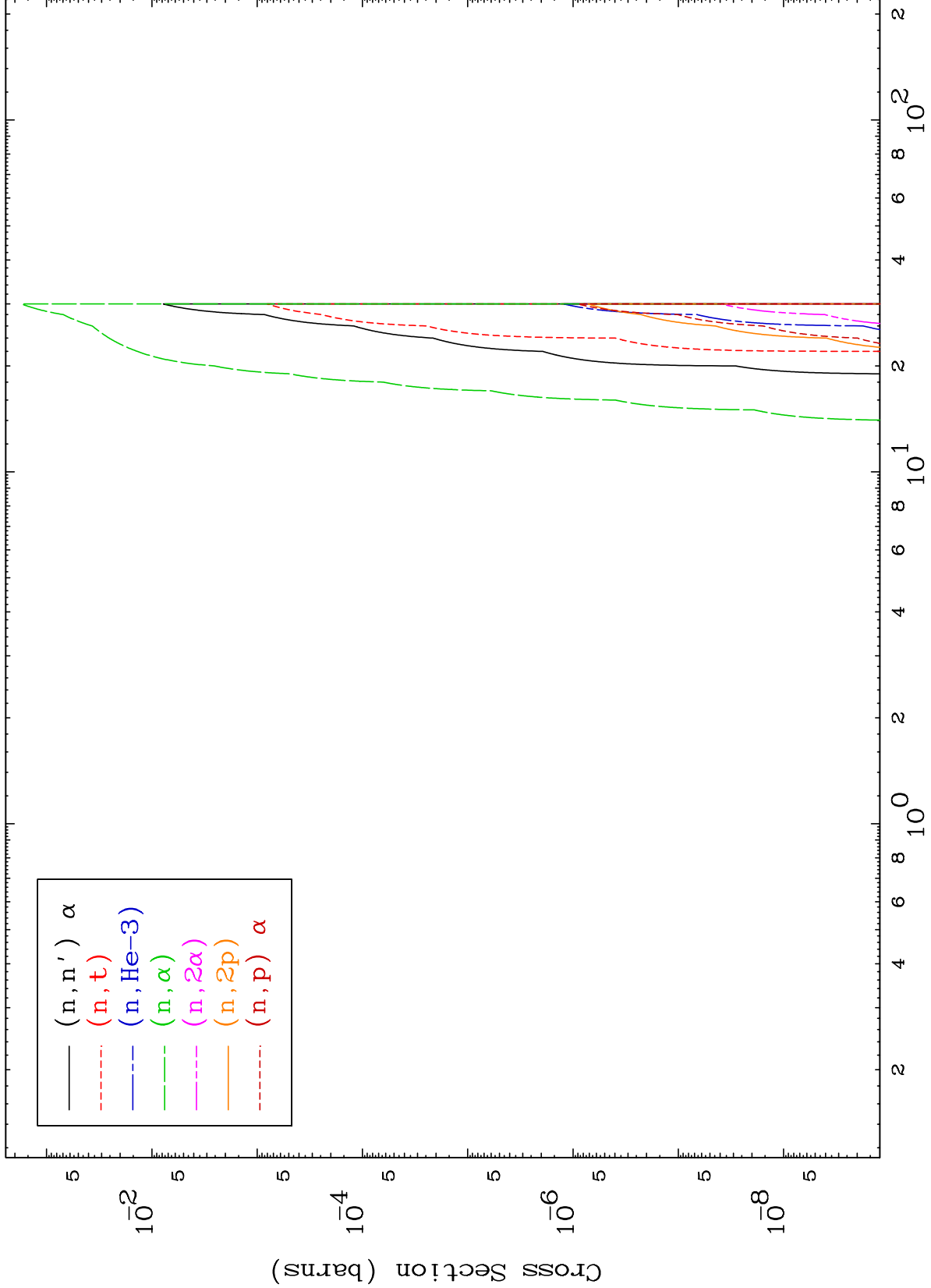
79-Au-190



4

Incident Energy (MeV)

79-Au-190

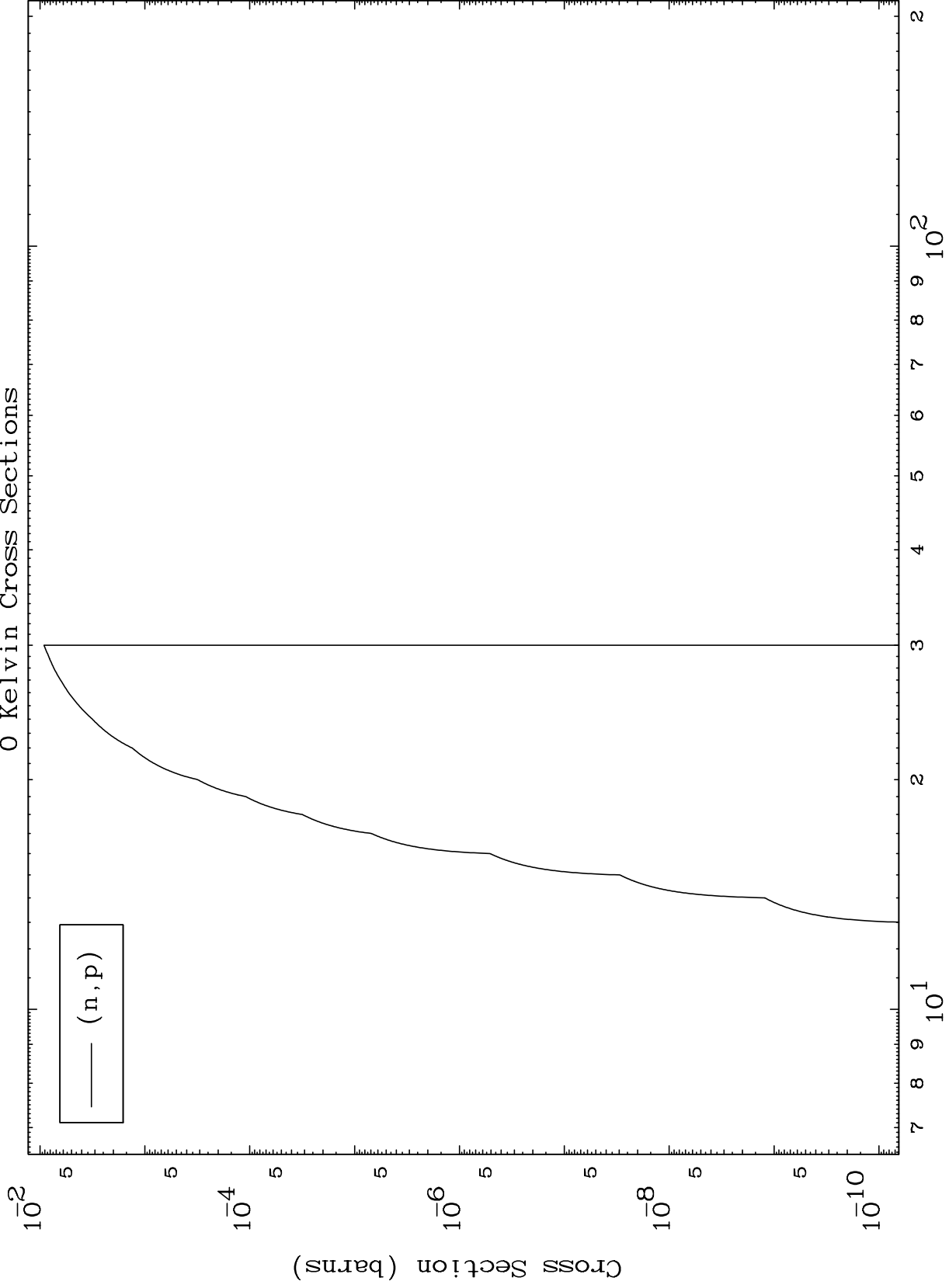


MAT 7904

(α, p) Levels

79-Au-190

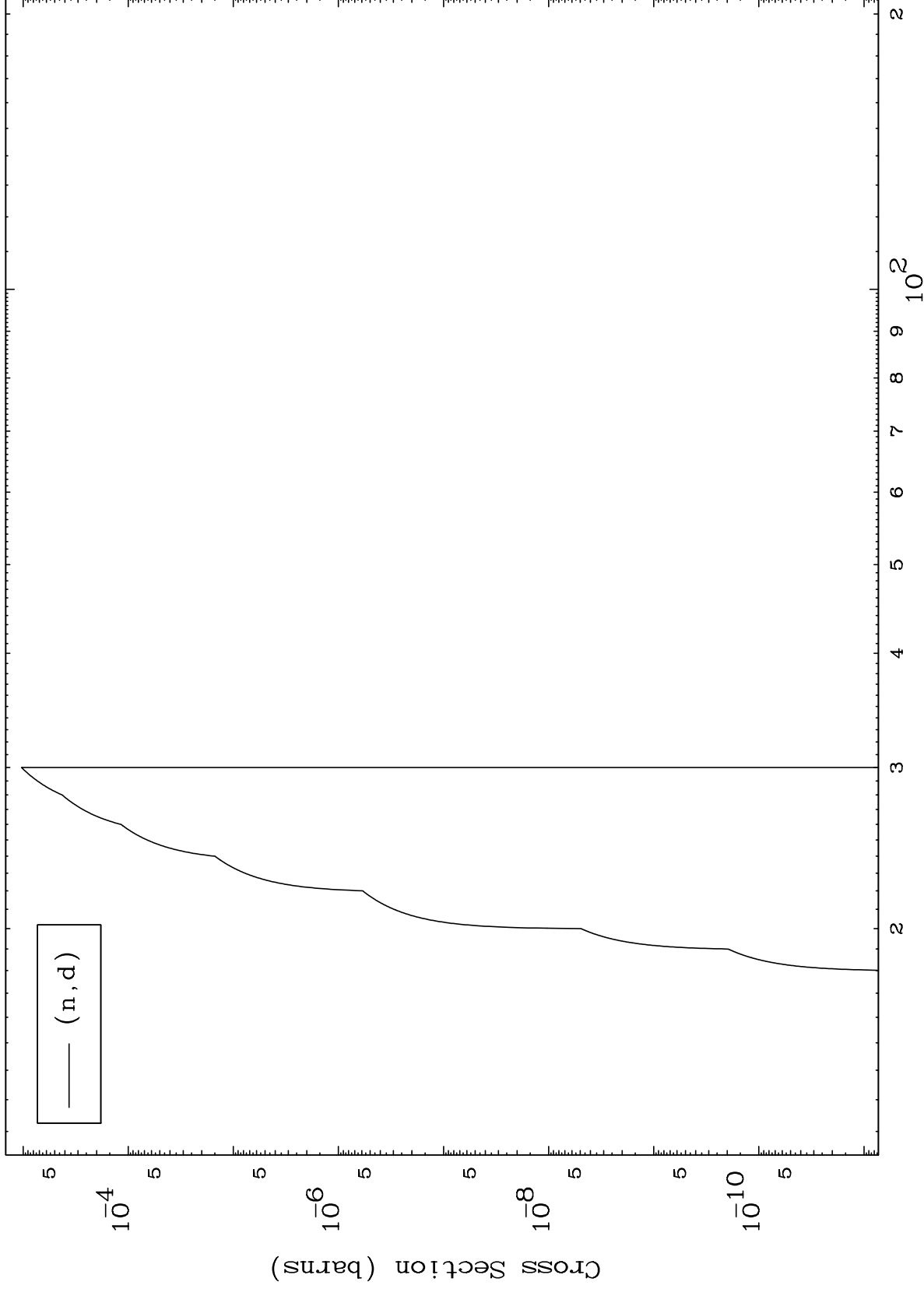
0 Kelvin Cross Sections

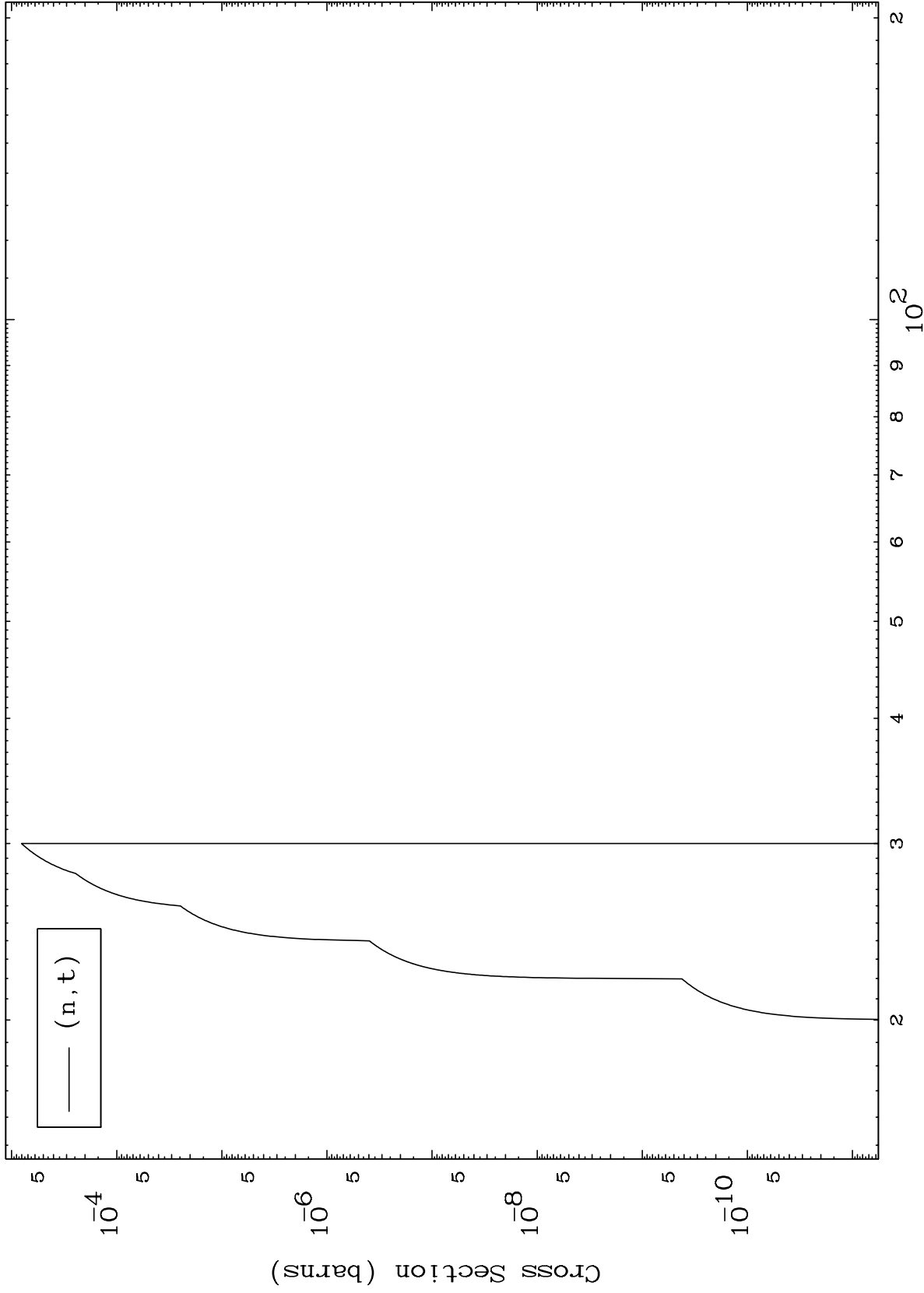


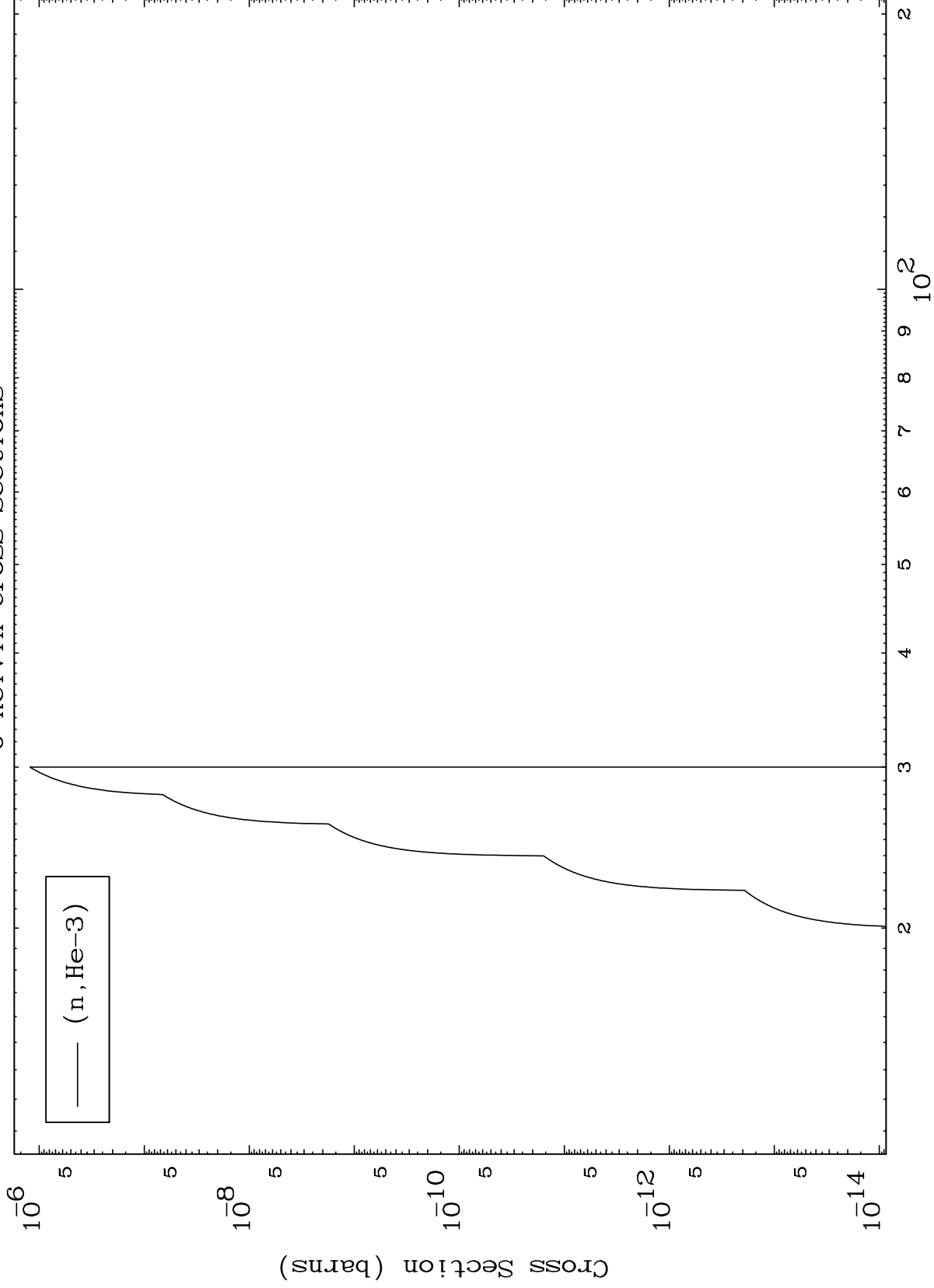
6

Incident Energy (MeV)

79-Au-190





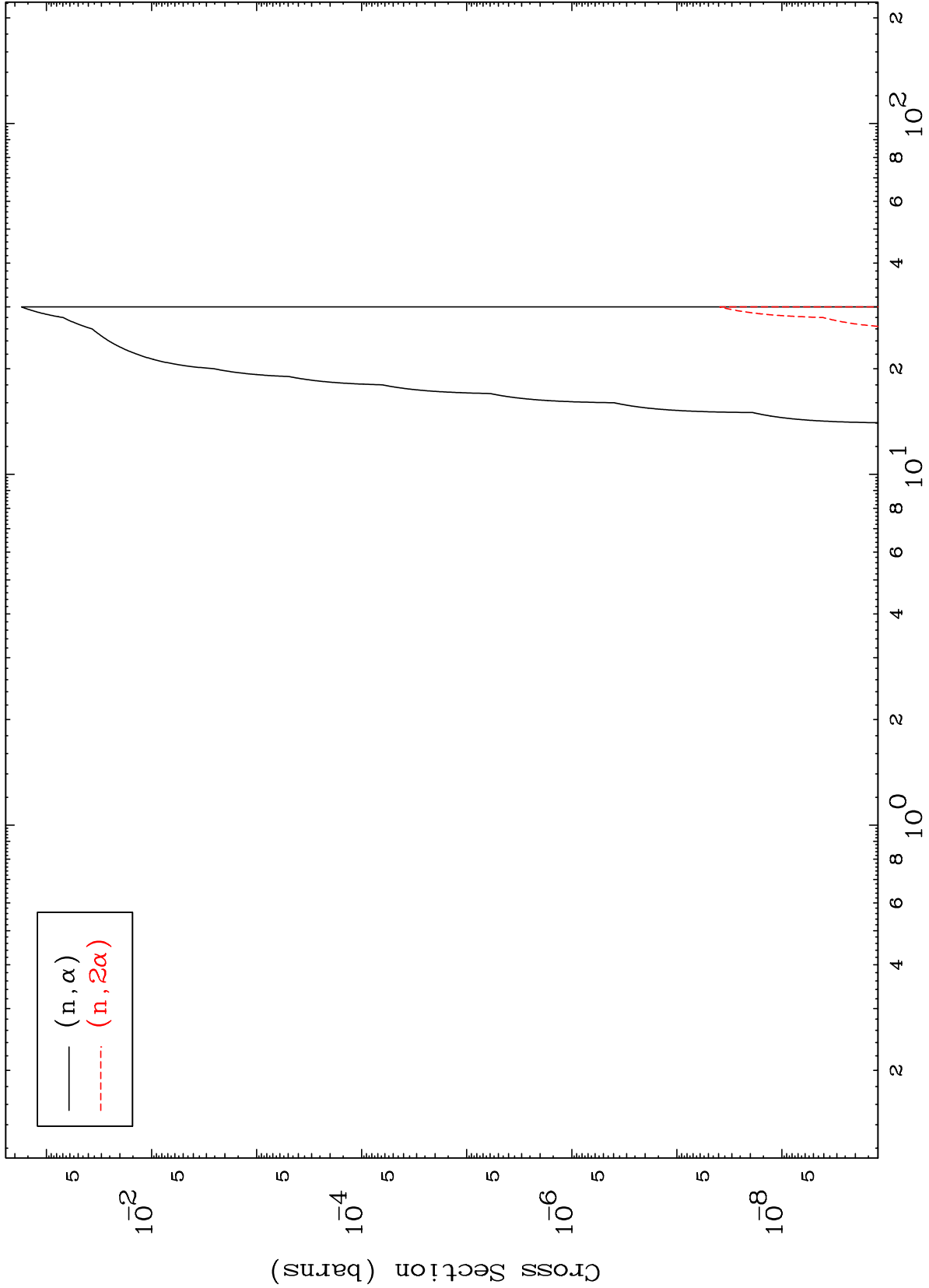


MAT 7904

(α, α) Levels

79-Au-190

0 Kelvin Cross Sections



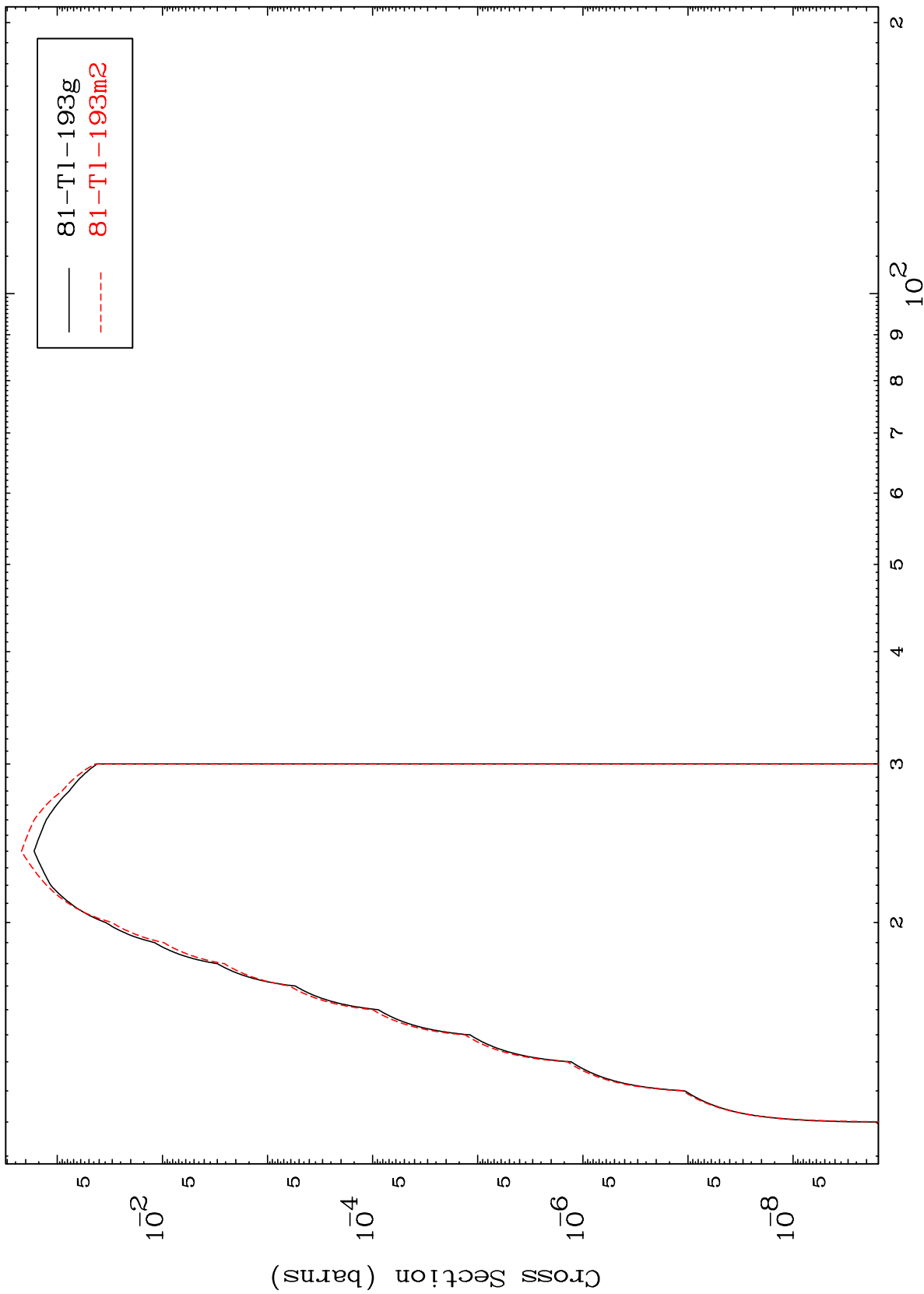
— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

79-Au-190

Inelastic
Radionuclide Production Cross Section

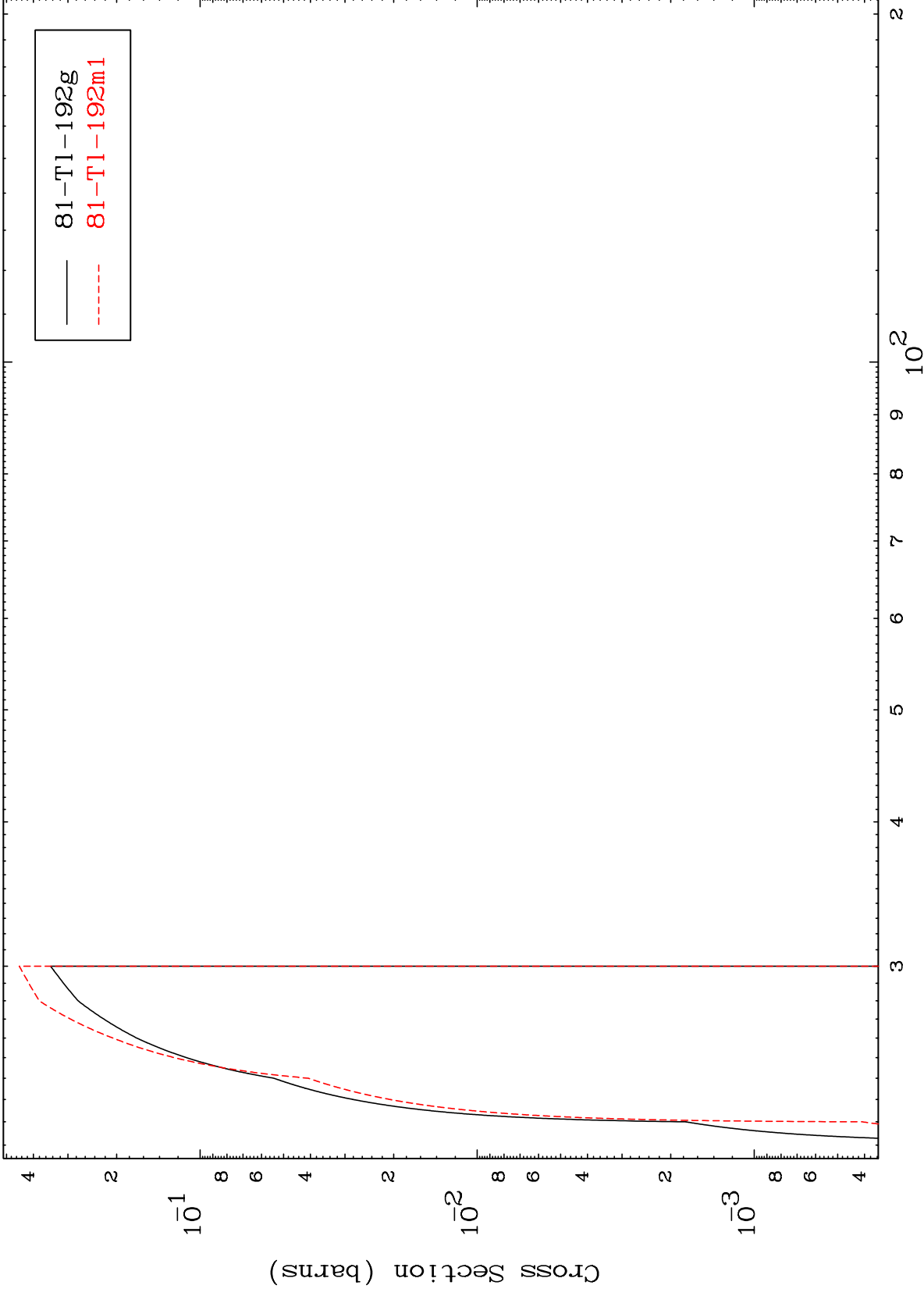


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(n,2n)

79-Au-190

Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

12

Incident Energy (MeV)

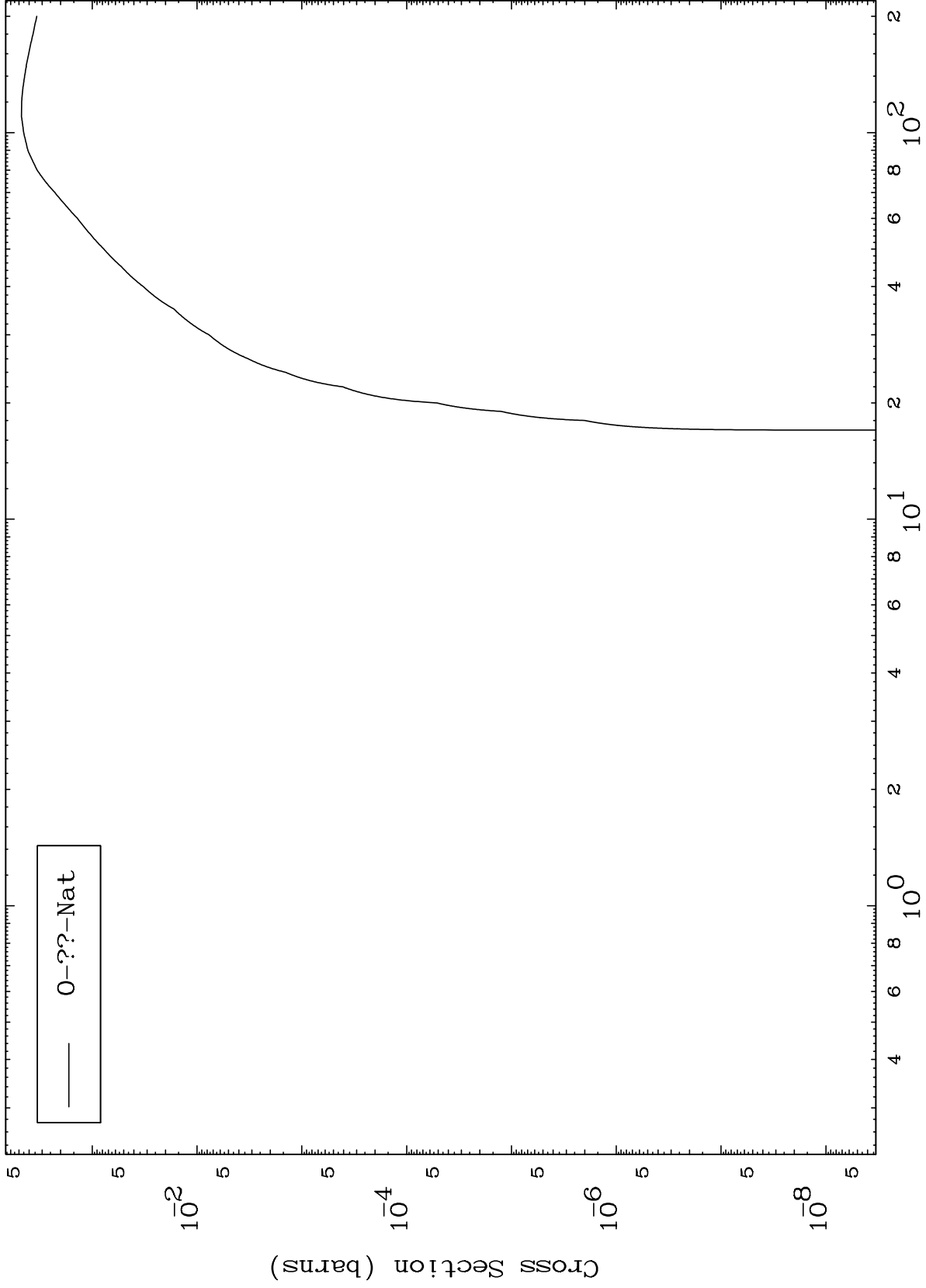
79-Au-190

MAT 7904

Fission

79-Au-190

Radionuclide Production Cross Section

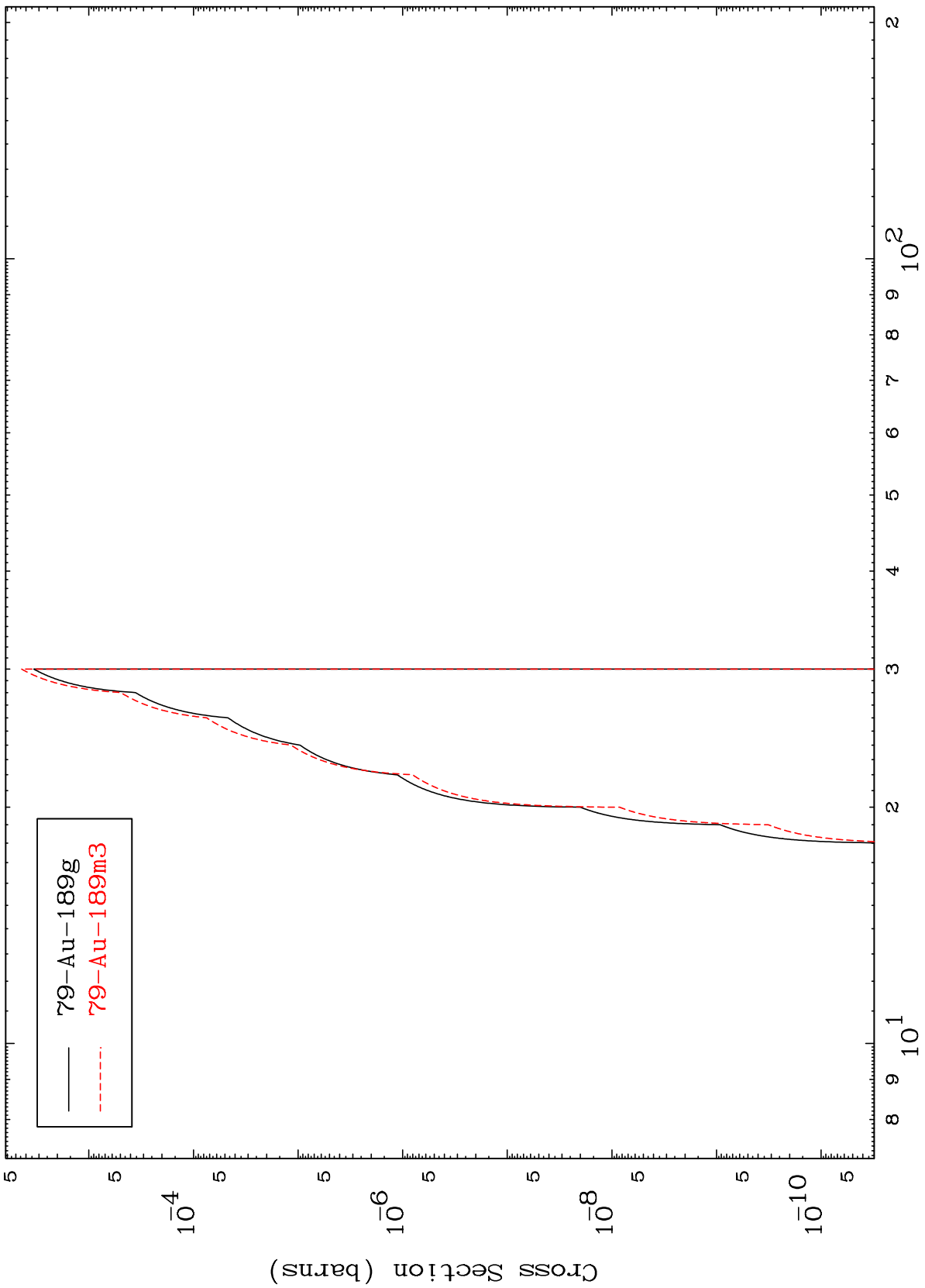


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79-Au-190

(n,n') α

Radionuclide Production Cross Section



79-Au-189g
79-Au-189m3

79-Au-190

Incident Energy (MeV)

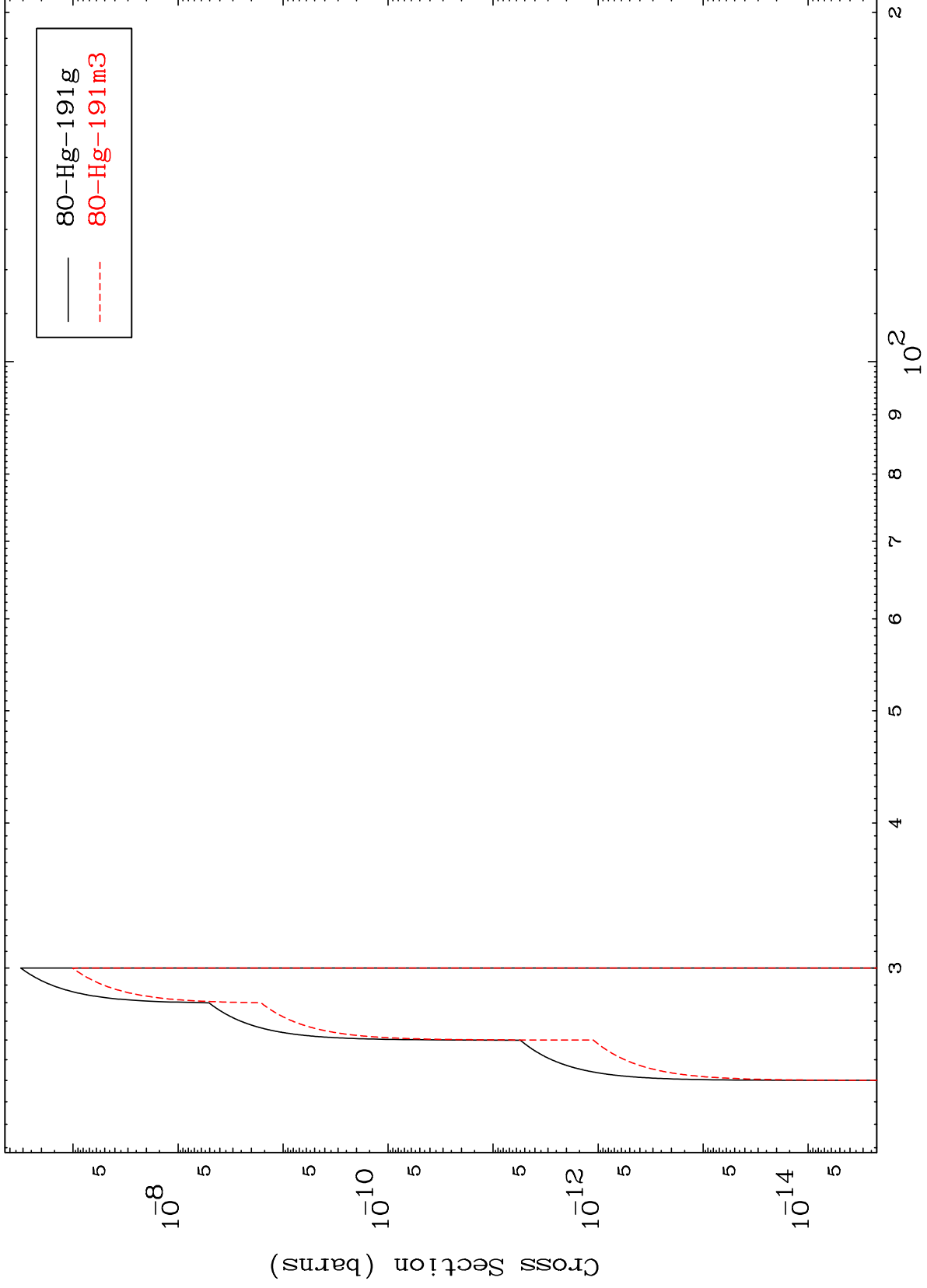
14

MAT 7904

(n,n') d

79-Au-190

Radionuclide Production Cross Section



15

Incident Energy (MeV)

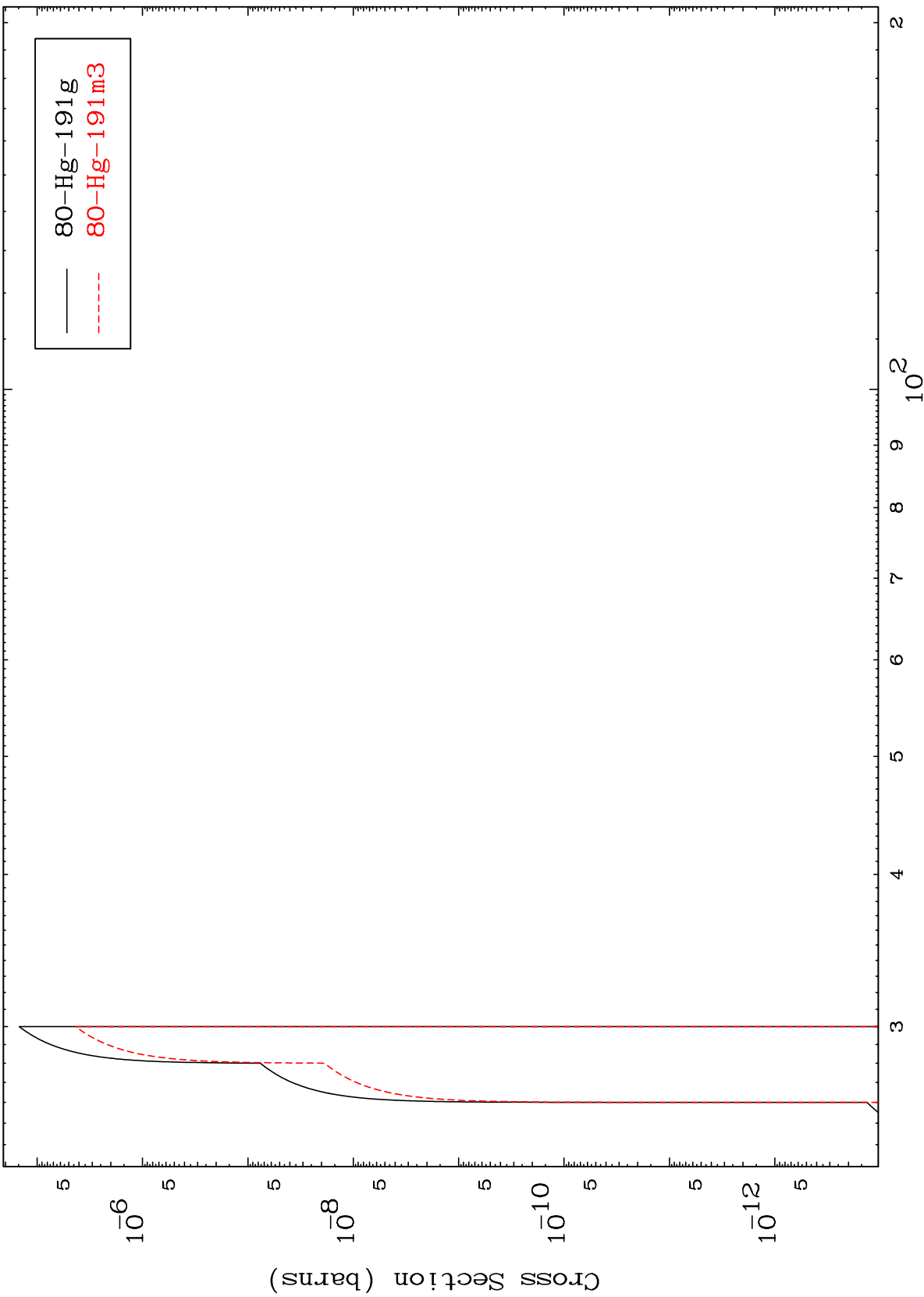
79-Au-190

MAT 7904

(n,2n) p

79-Au-190

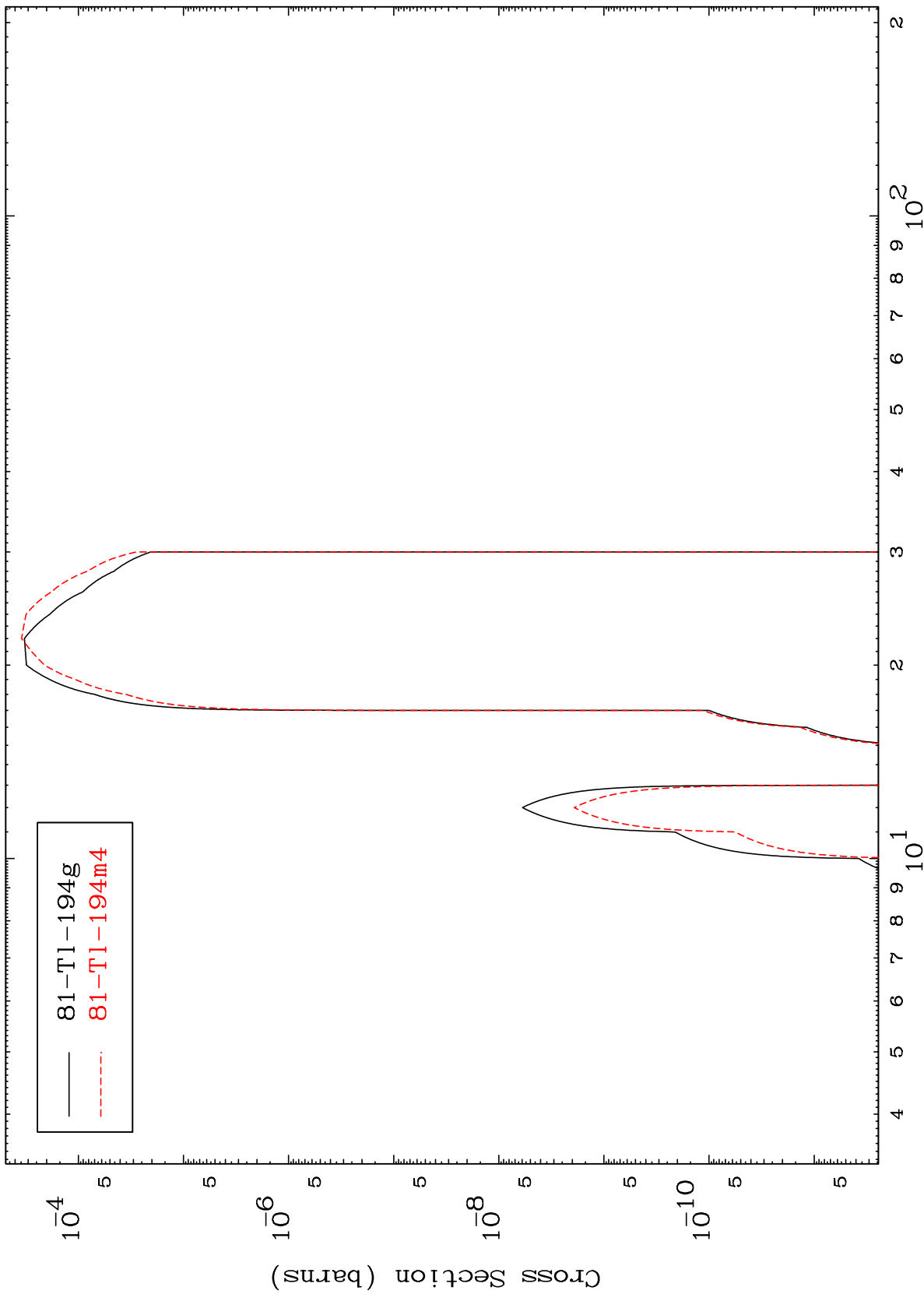
Radionuclide Production Cross Section



MAT 7904

79-Au-190

(n,γ)
Radionuclide Production Cross Section



79-Au-190

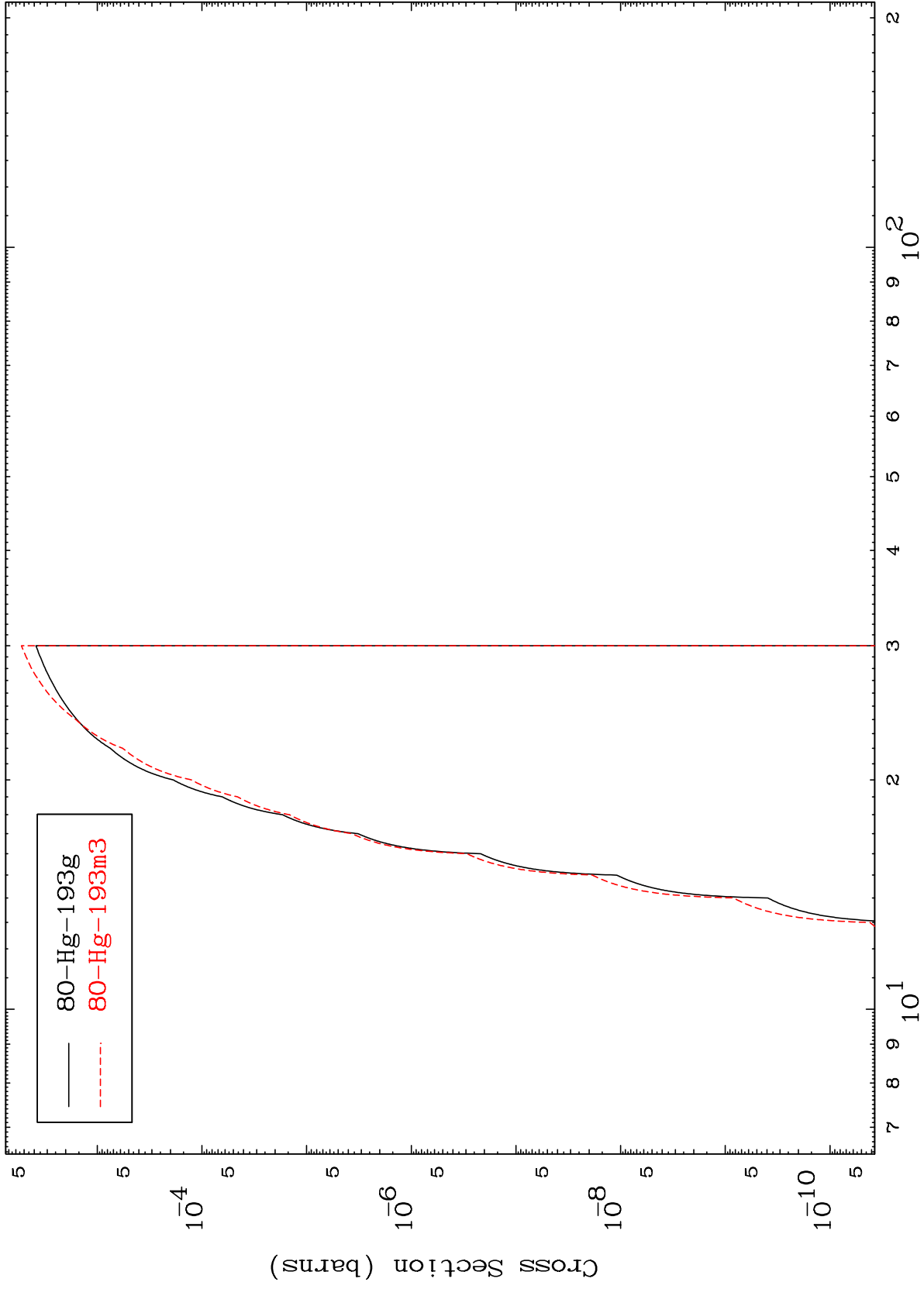
Incident Energy (MeV)

17

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79-Au-190

(n,p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

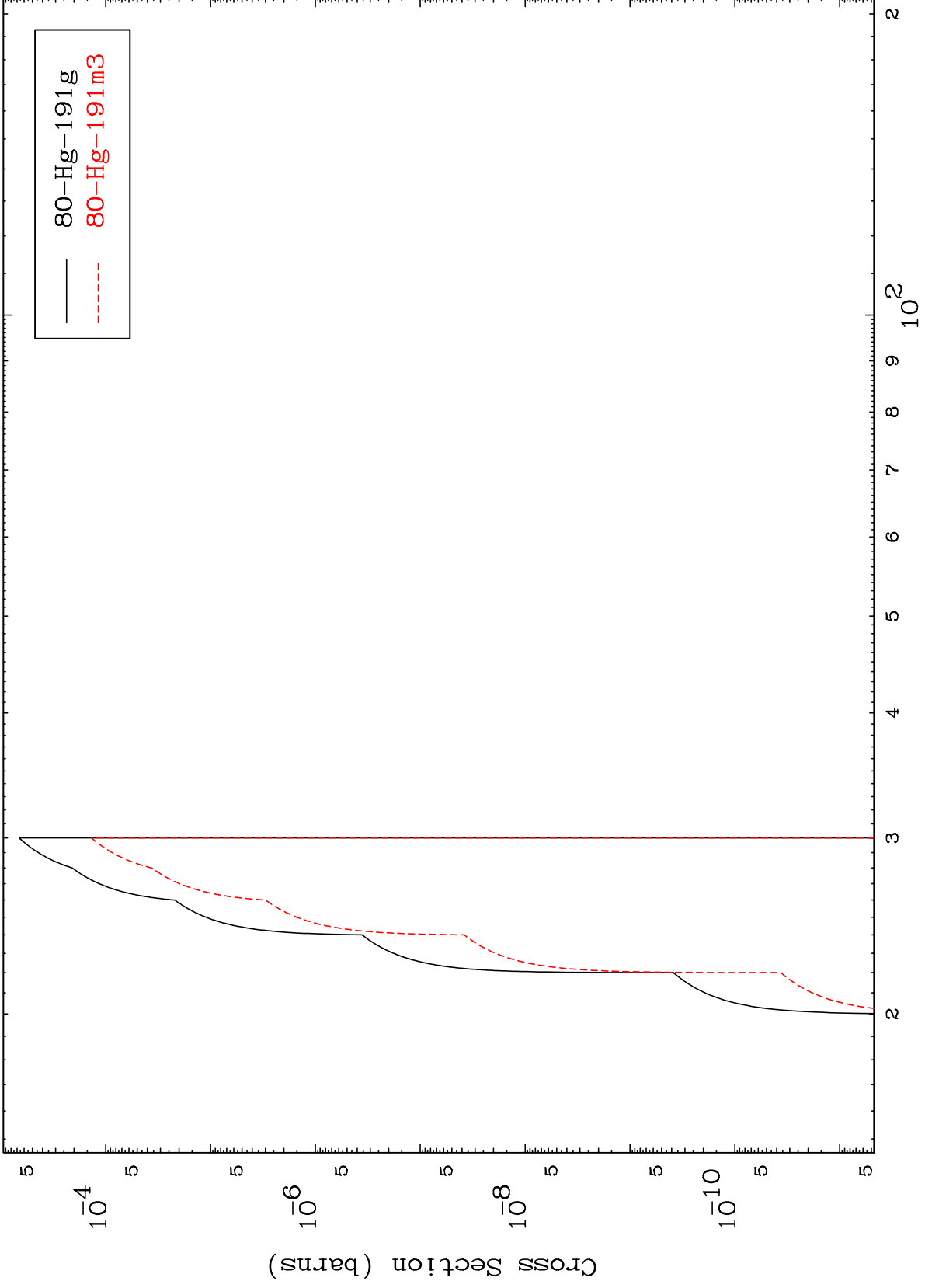
79-Au-190

MAT 7904

(n, t)

79-Au-190

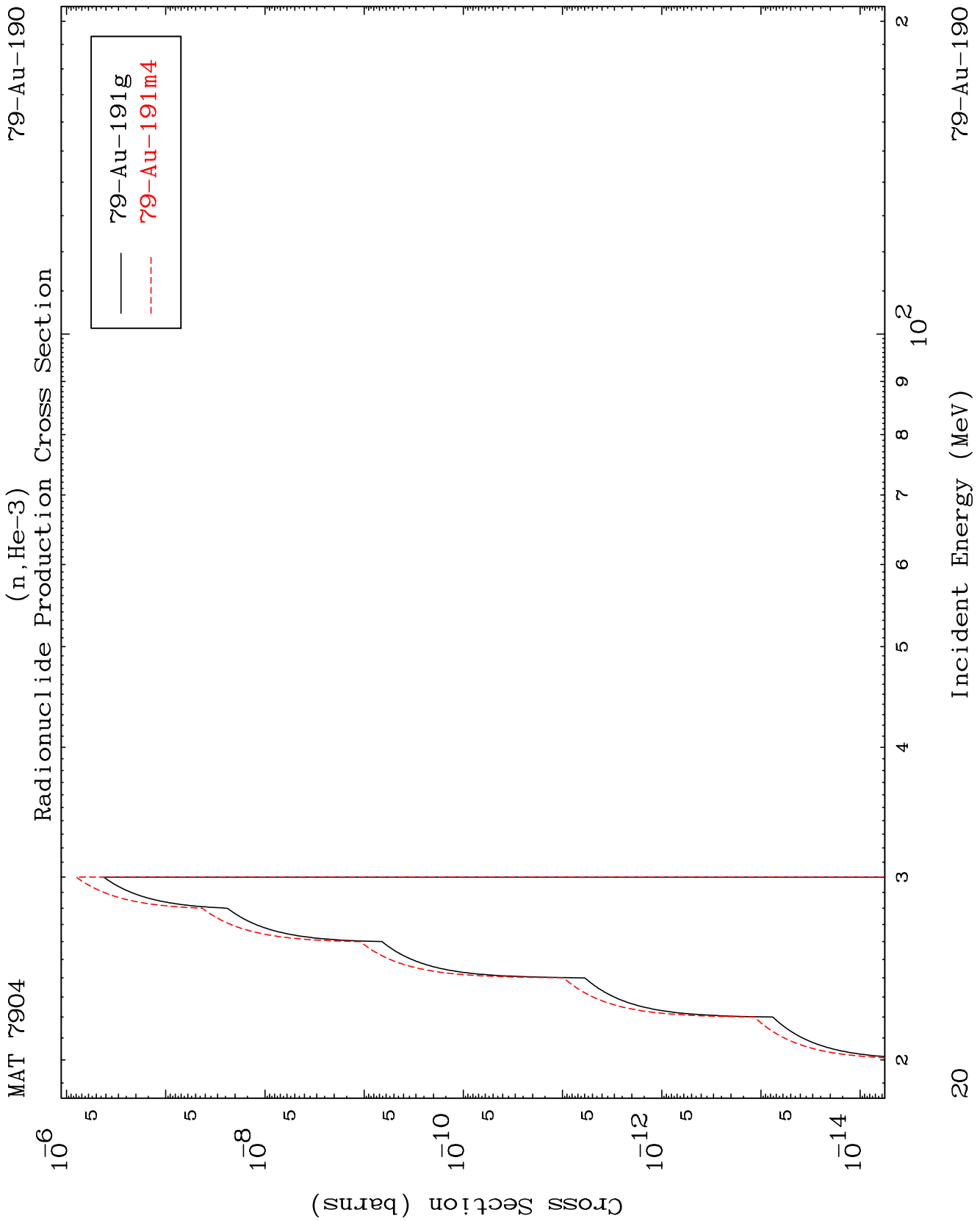
Radionuclide Production Cross Section



19

Incident Energy (MeV)

79-Au-190

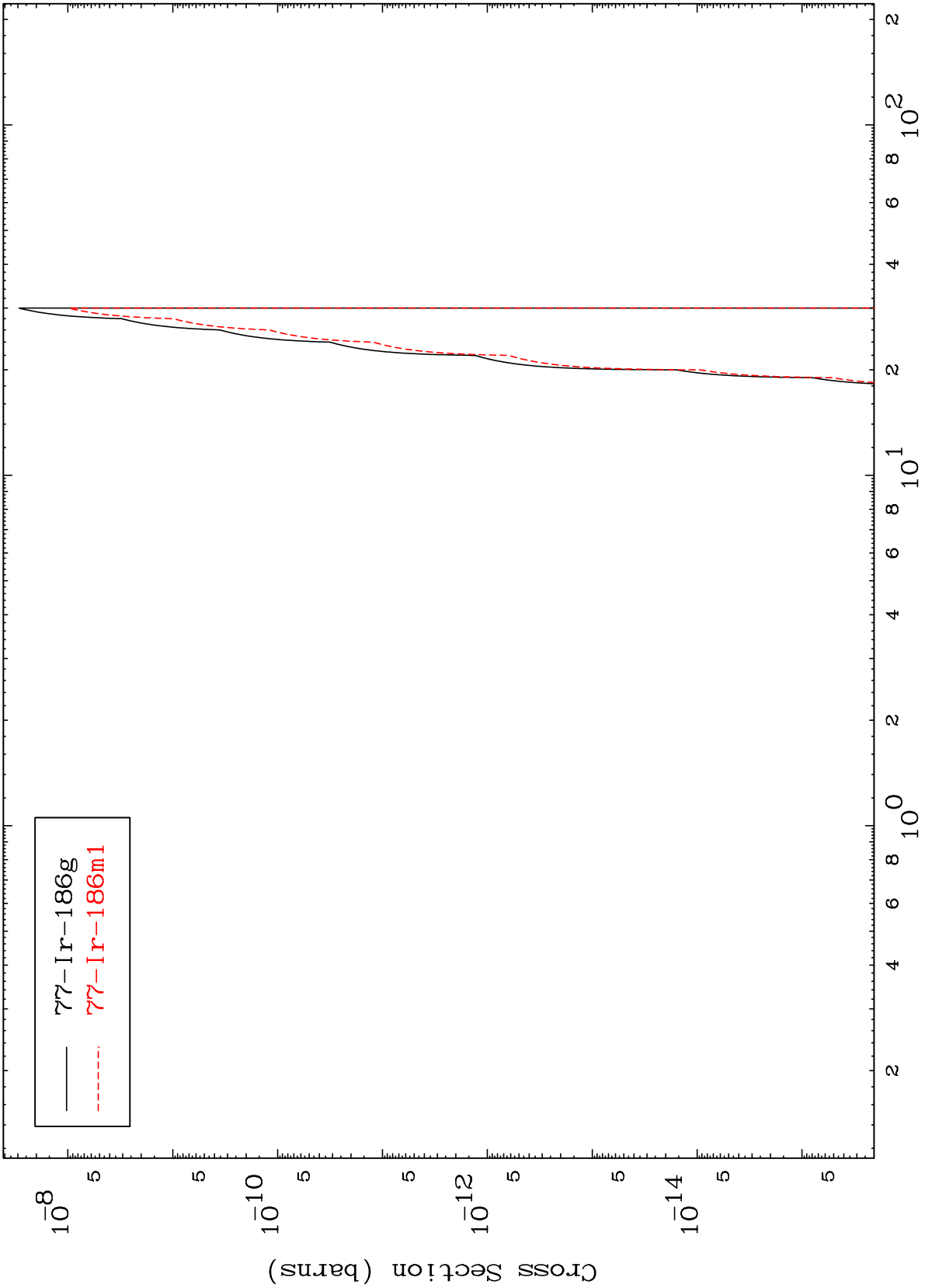


MAT 7904

(n,2α)

79-Au-190

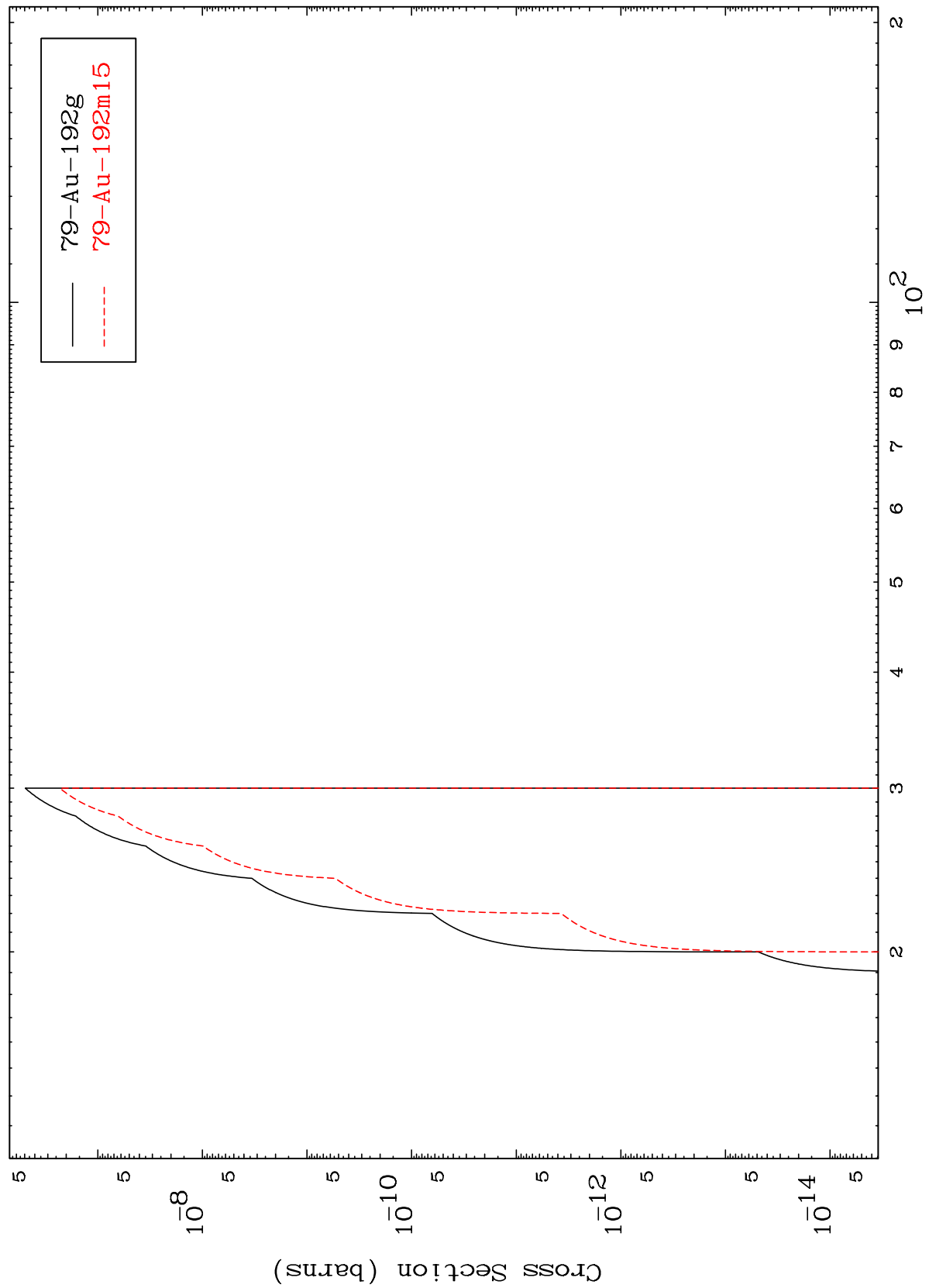
Radionuclide Production Cross Section



MAT 7904

79-Au-190

(n,2p)
Radionuclide Production Cross Section



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