

Program EVALPLOT
(Version 2018-1)

by

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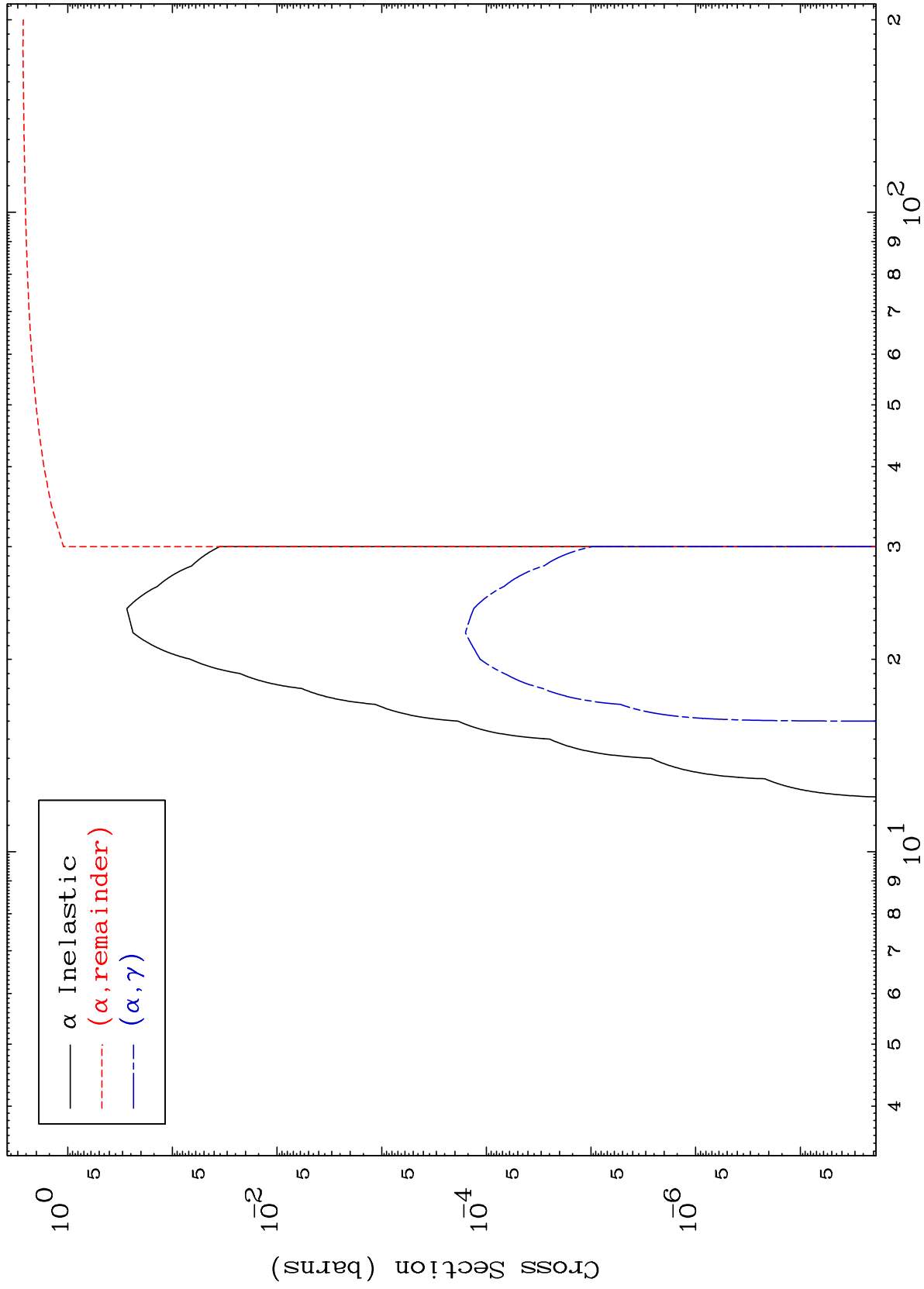
Press Mouse Button to Start

MAT 7904

α Major

79-Au-190

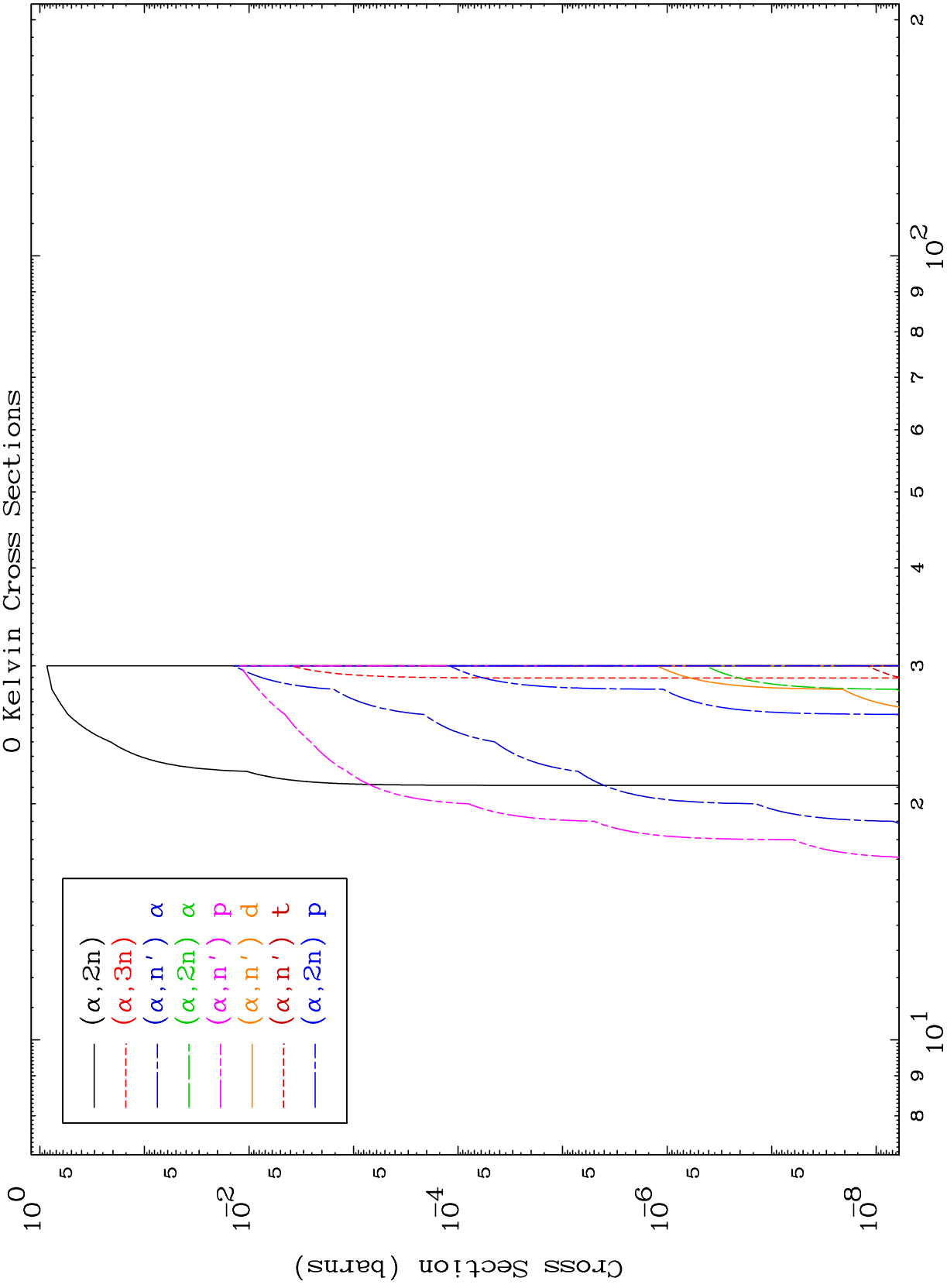
0 Kelvin Cross Sections



MAT 7904

α Neutron Production
0 Kelvin Cross Sections

79-Au-190



2

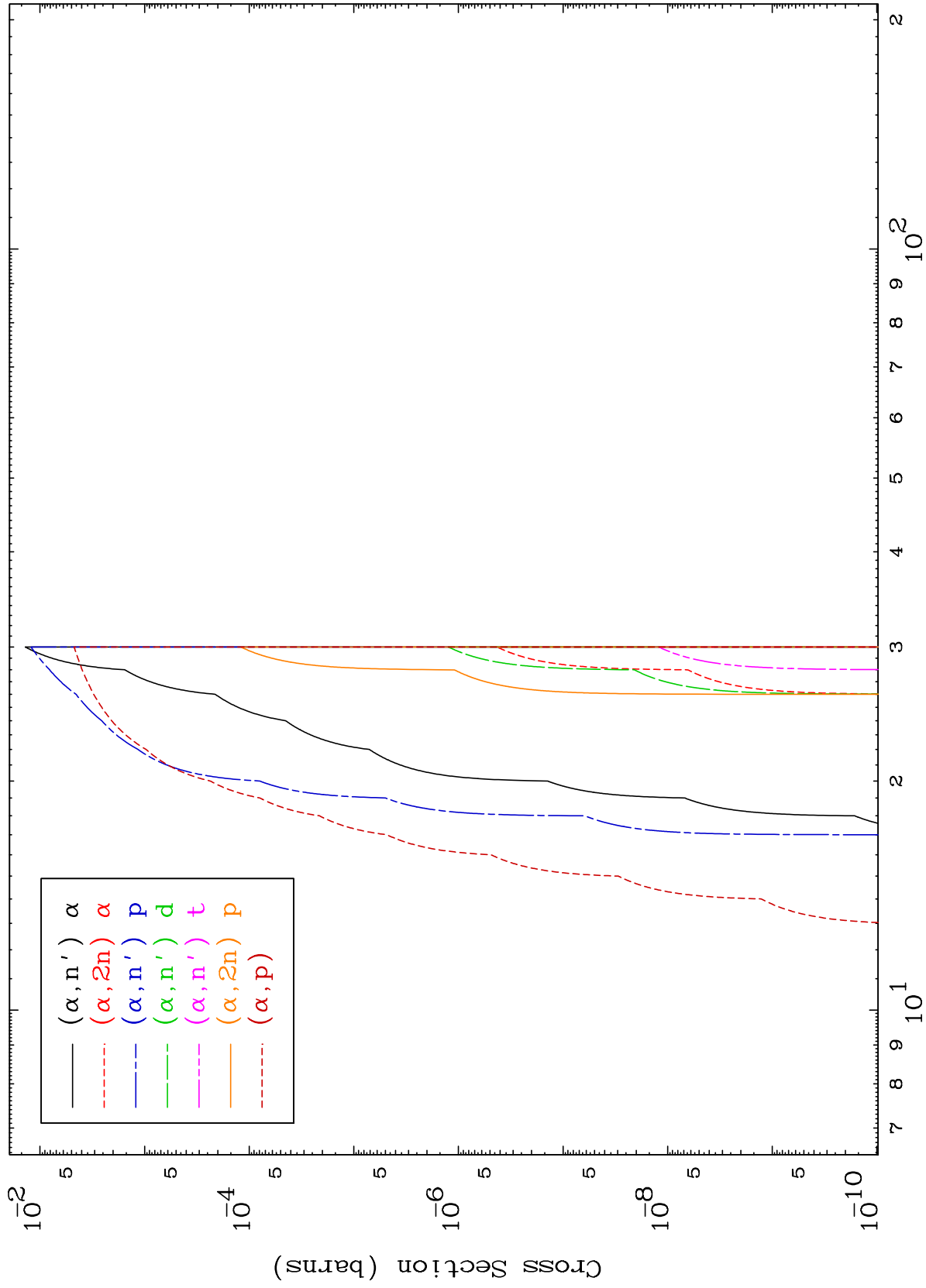
Incident Energy (MeV)

79-Au-190

MAT 7904

α Charged Particle
0 Kelvin Cross Sections

79-Au-190



3

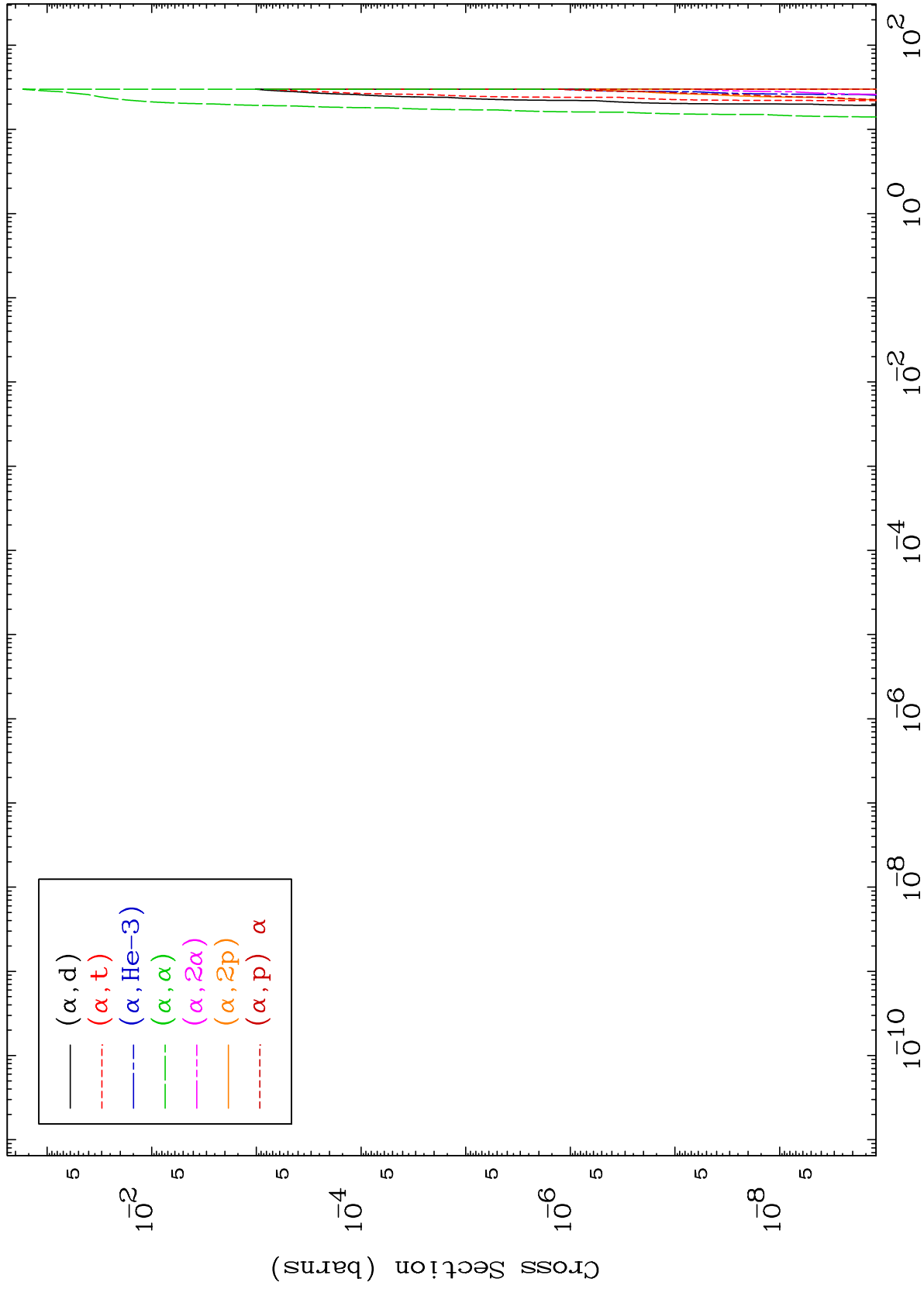
Incident Energy (MeV)

79-Au-190

MAT 7904

α Charged Particle
0 Kelvin Cross Sections

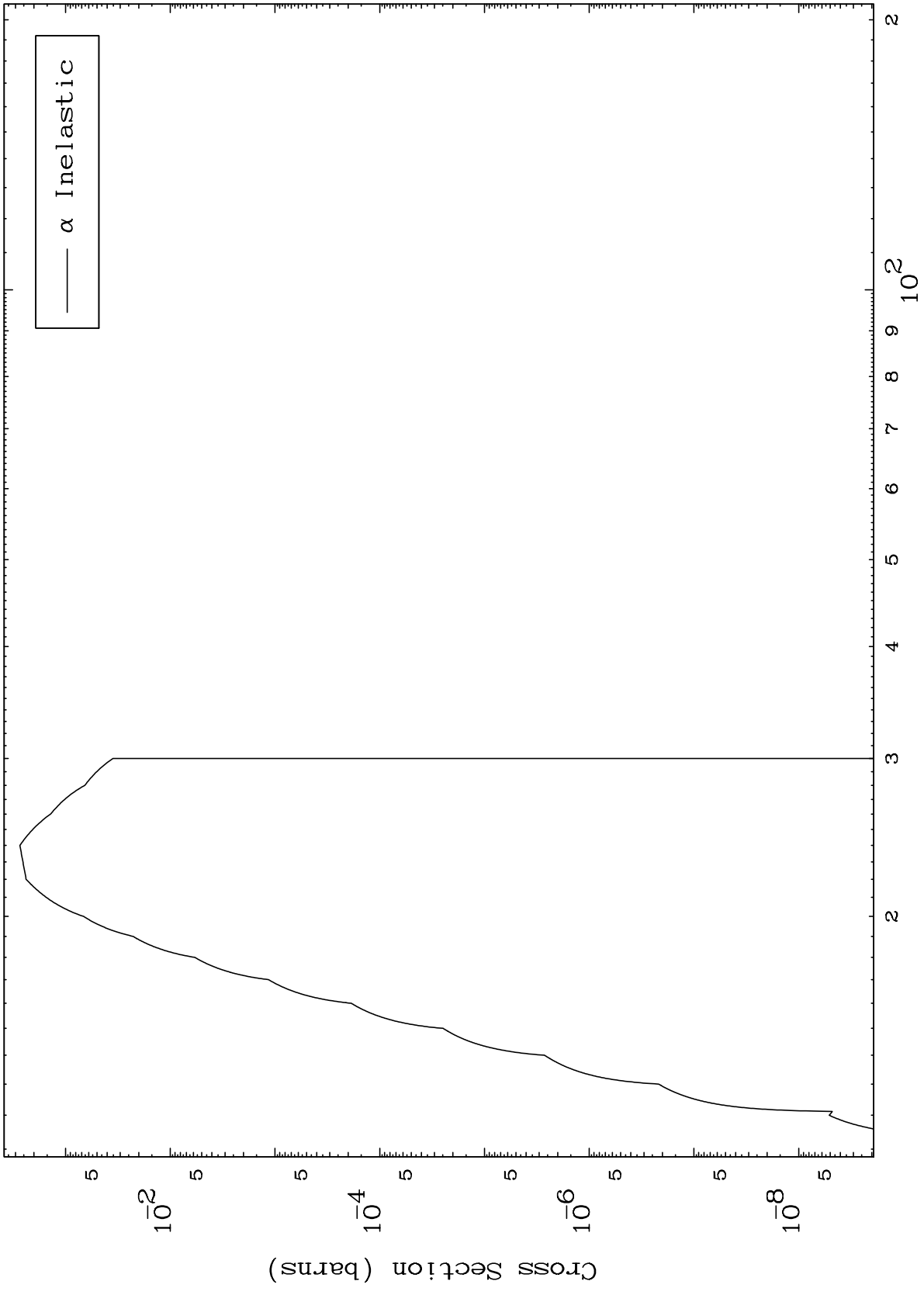
79-Au-190



MAT 7904

(α, n') Level
0 Kelvin Cross Sections

79-Au-190



5

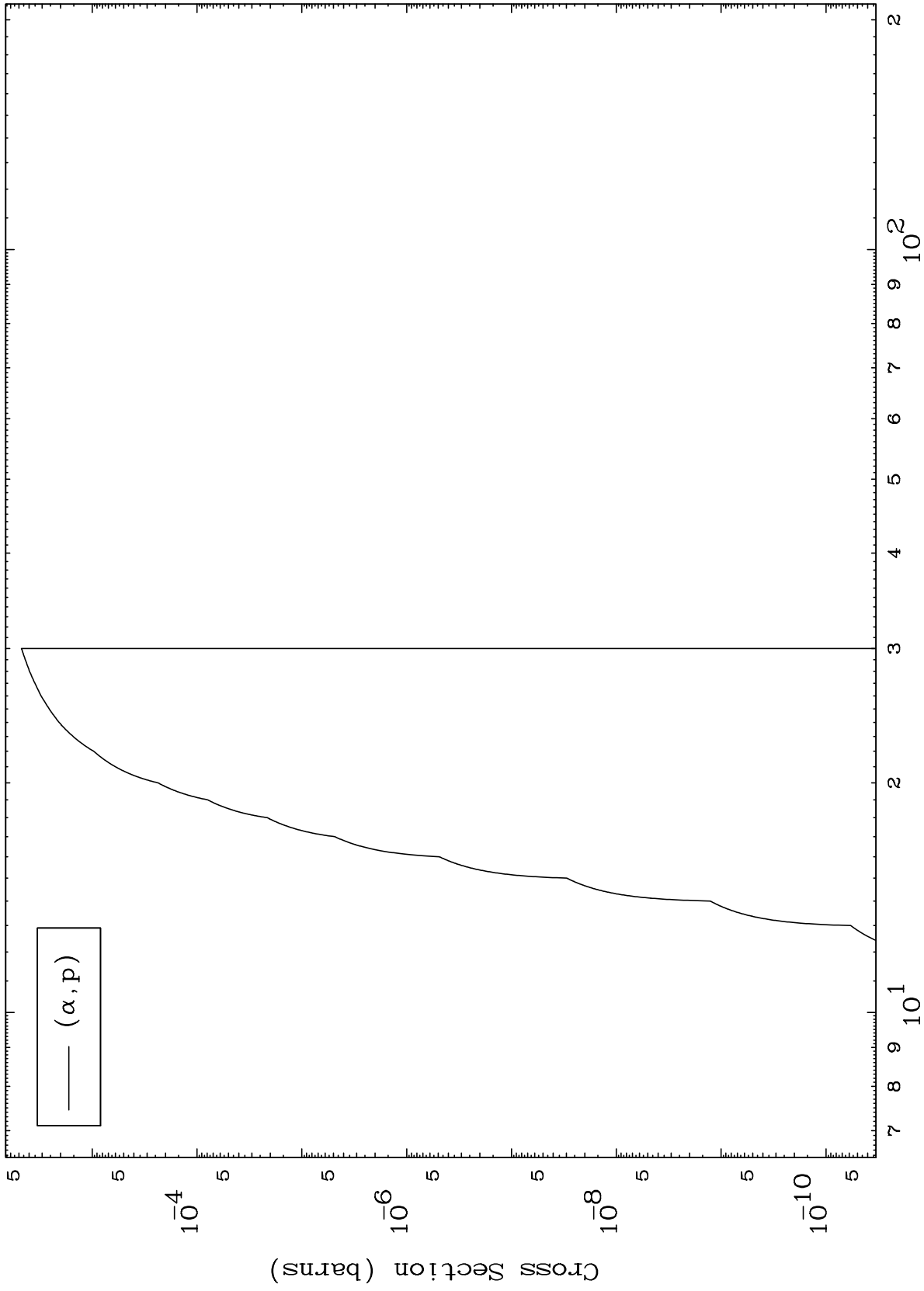
Incident Energy (MeV)

79-Au-190

MAT 7904

(α, p) Levels
0 Kelvin Cross Sections

79-Au-190



6

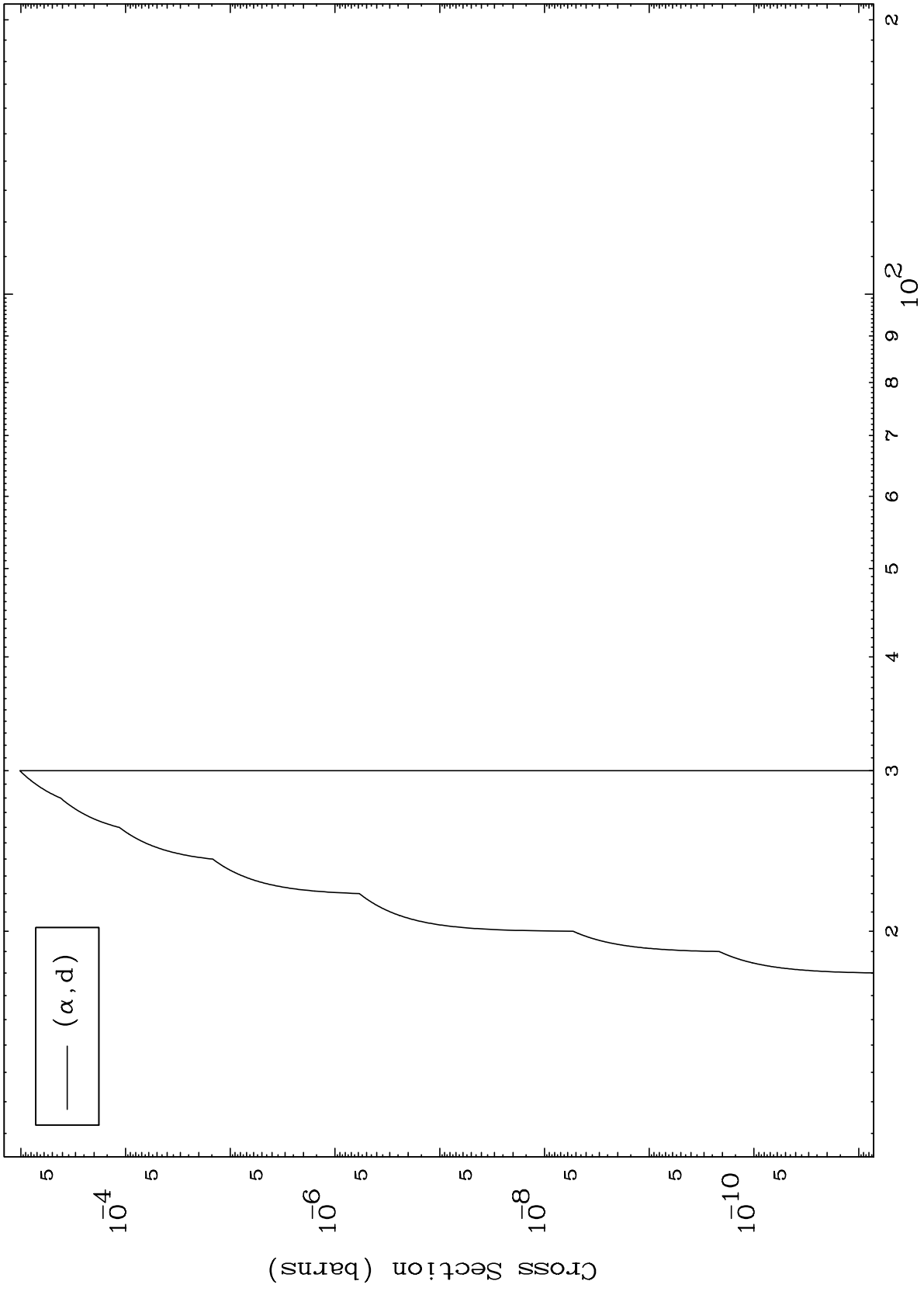
Incident Energy (MeV)

79-Au-190

MAT 7904

(α, d) Levels
0 Kelvin Cross Sections

79-Au-190



7

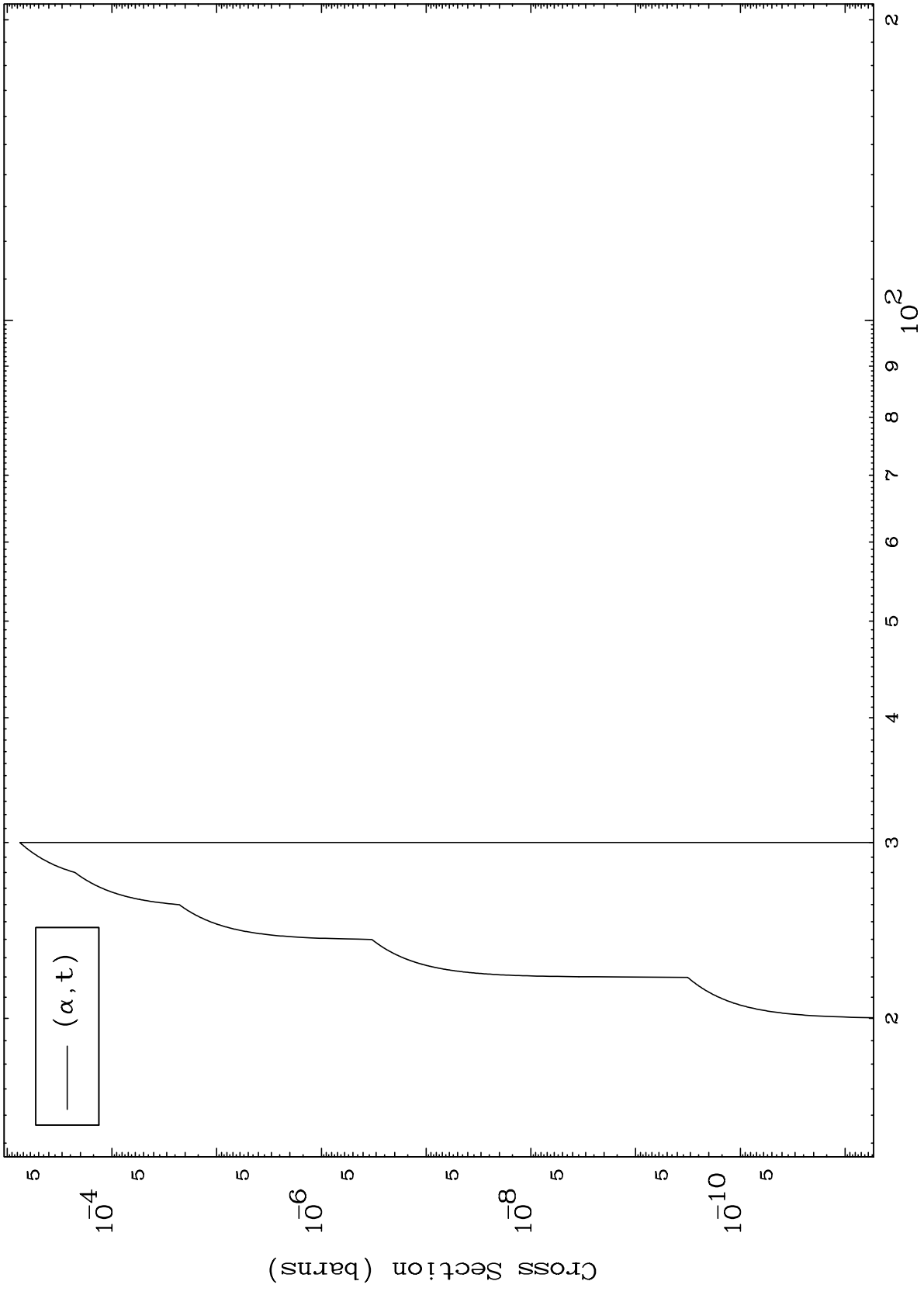
Incident Energy (MeV)

79-Au-190

MAT 7904

(α, t) Levels
0 Kelvin Cross Sections

79-Au-190



8

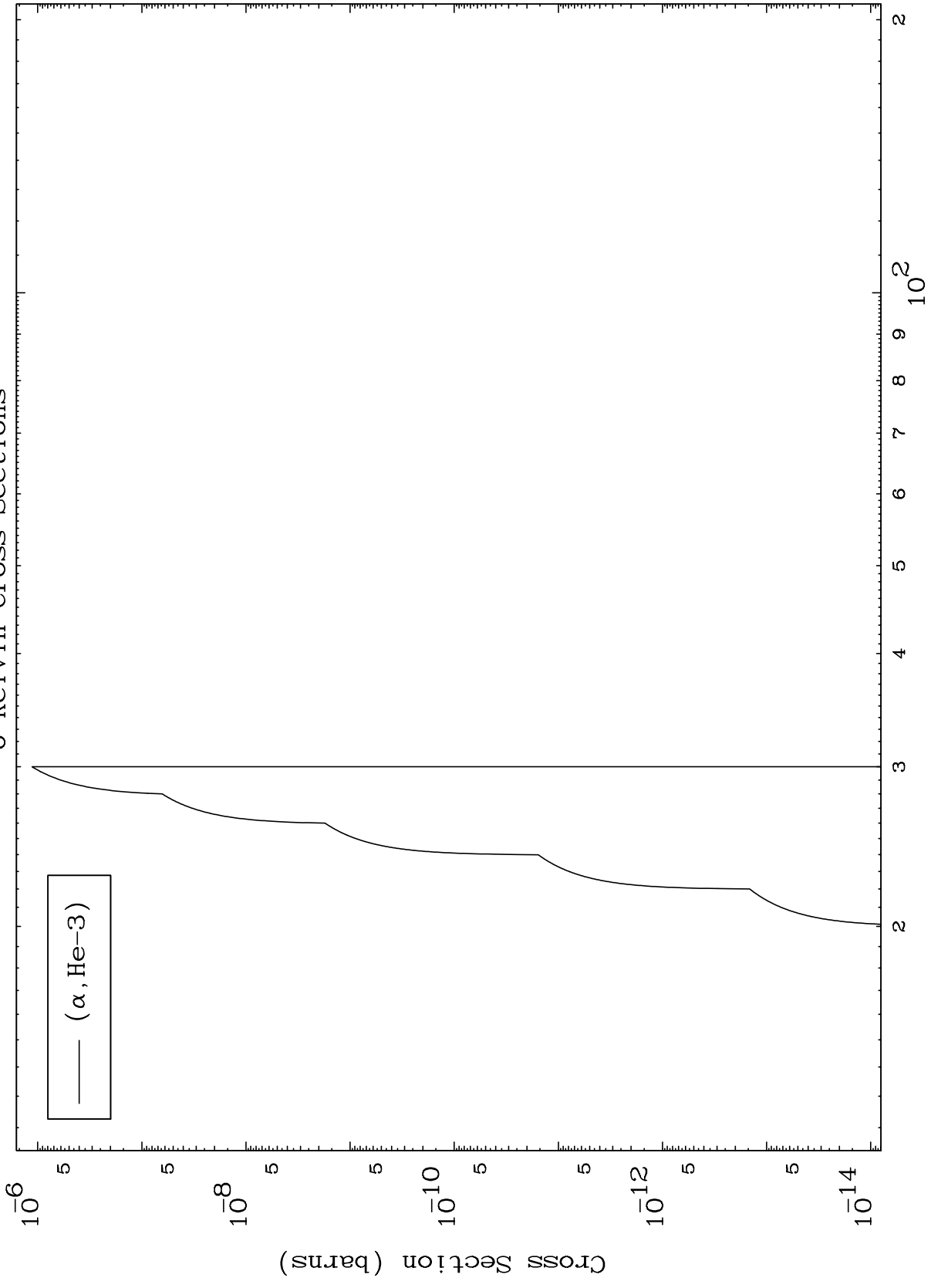
Incident Energy (MeV)

79-Au-190

MAT 7904

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

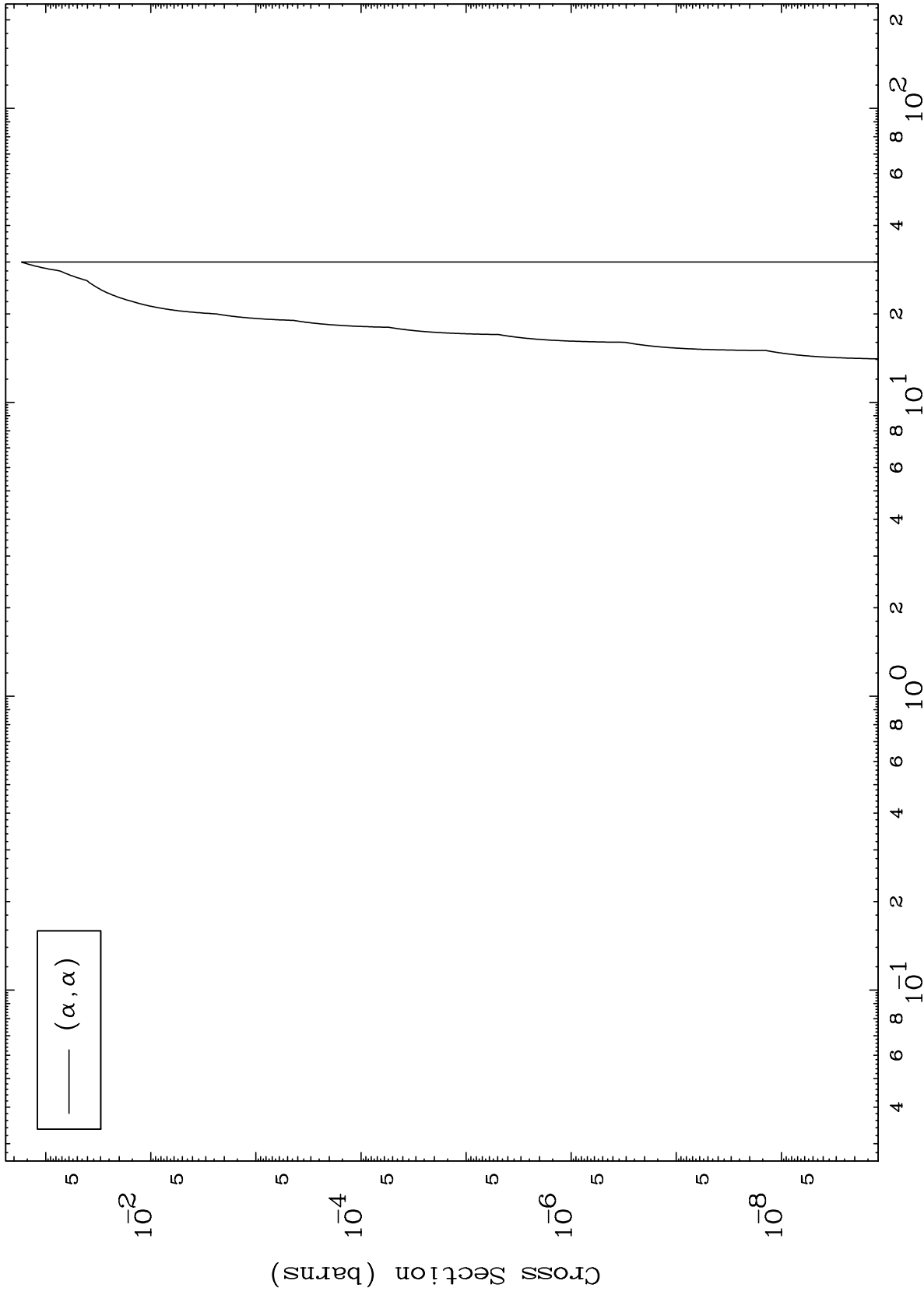
79-Au-190



MAT 7904

(α, α) Levels
0 Kelvin Cross Sections

79-Au-190

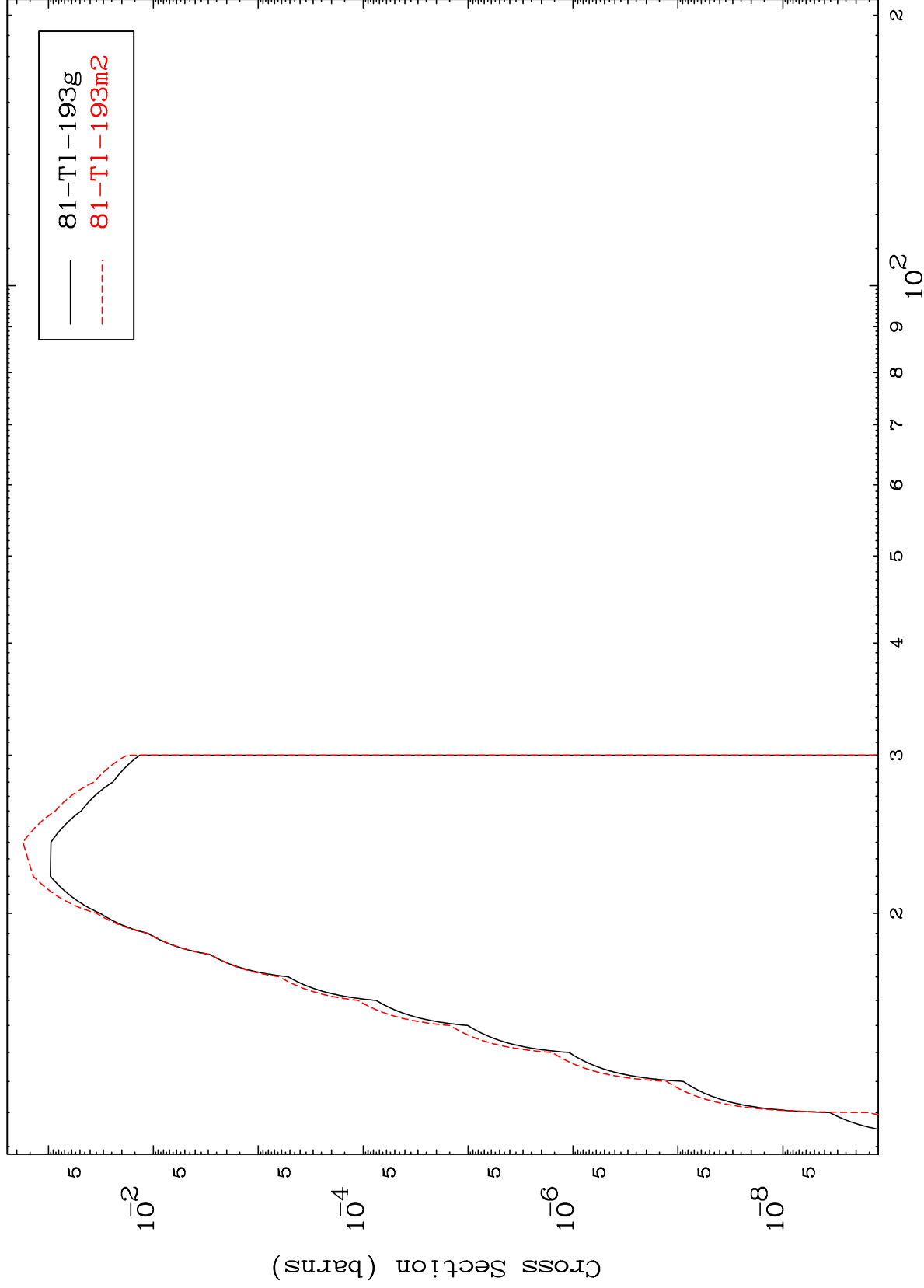


10

Incident Energy (MeV)

79-Au-190

Radionuclide Production Cross Section

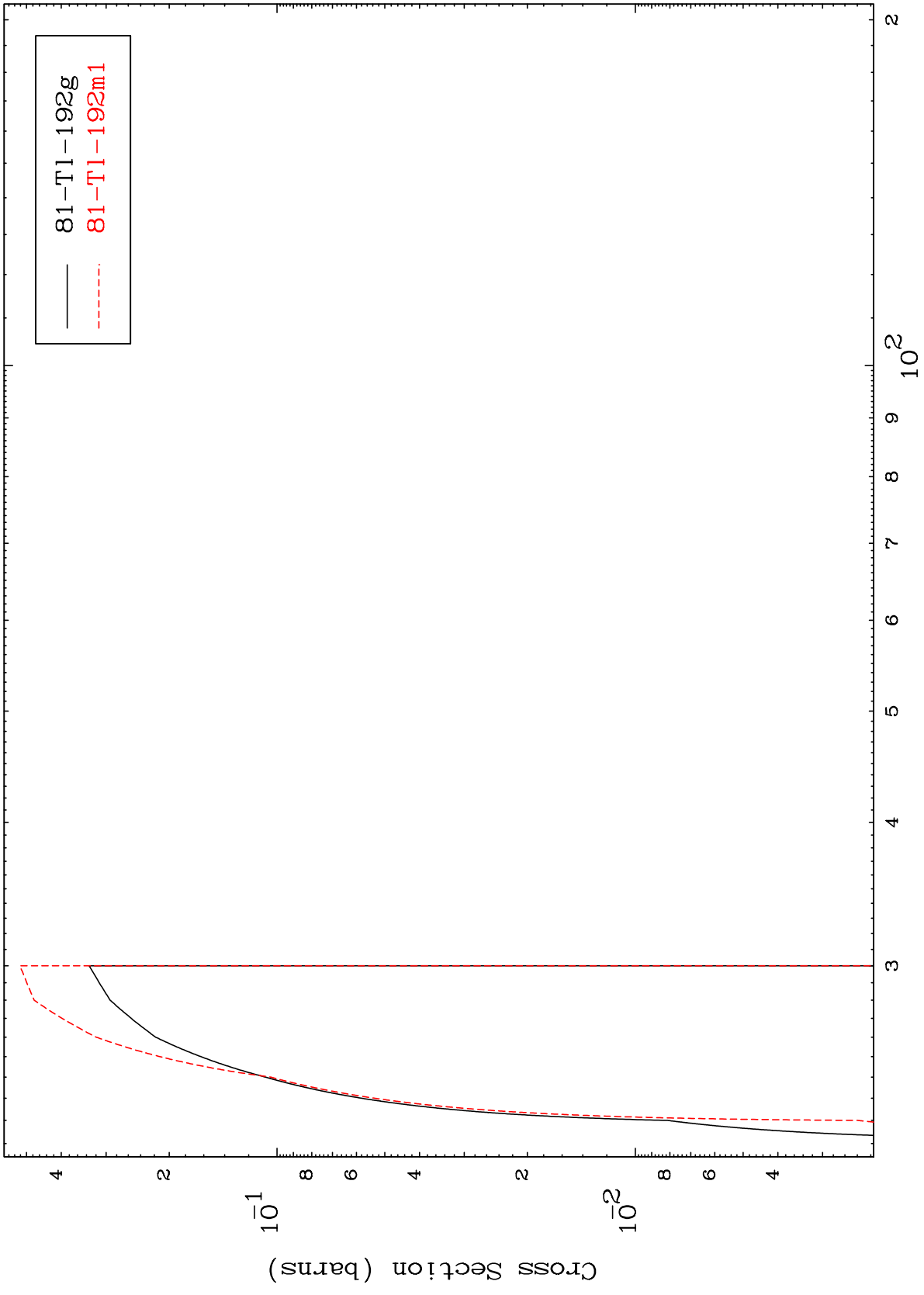


MAT 7904

($\alpha, 2n$)

79-Au-190

Radionuclide Production Cross Section



12

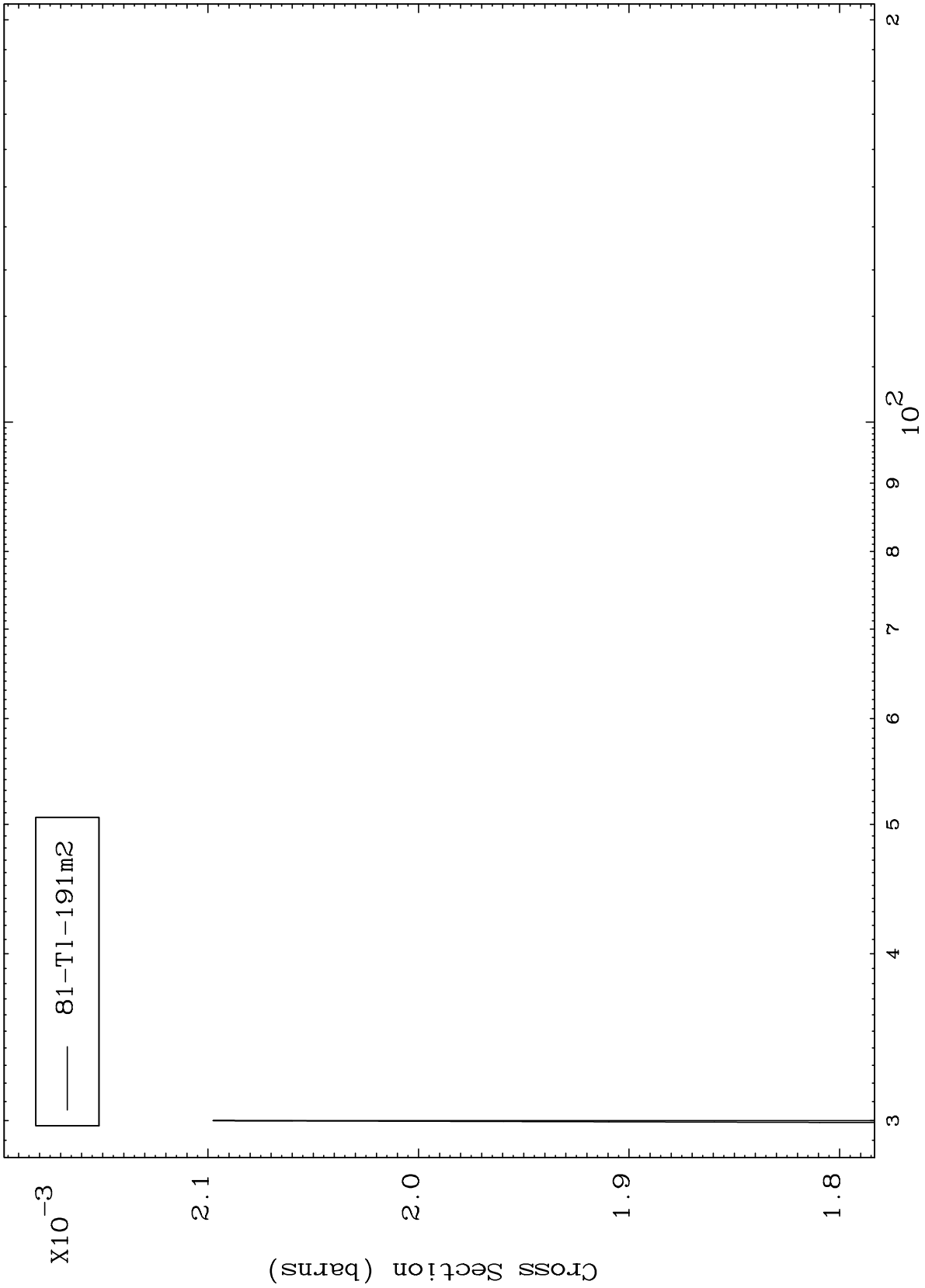
Incident Energy (MeV)

79-Au-190

MAT 7904

79-Au-190

($\alpha, 3n$)
Radionuclide Production Cross Section



13

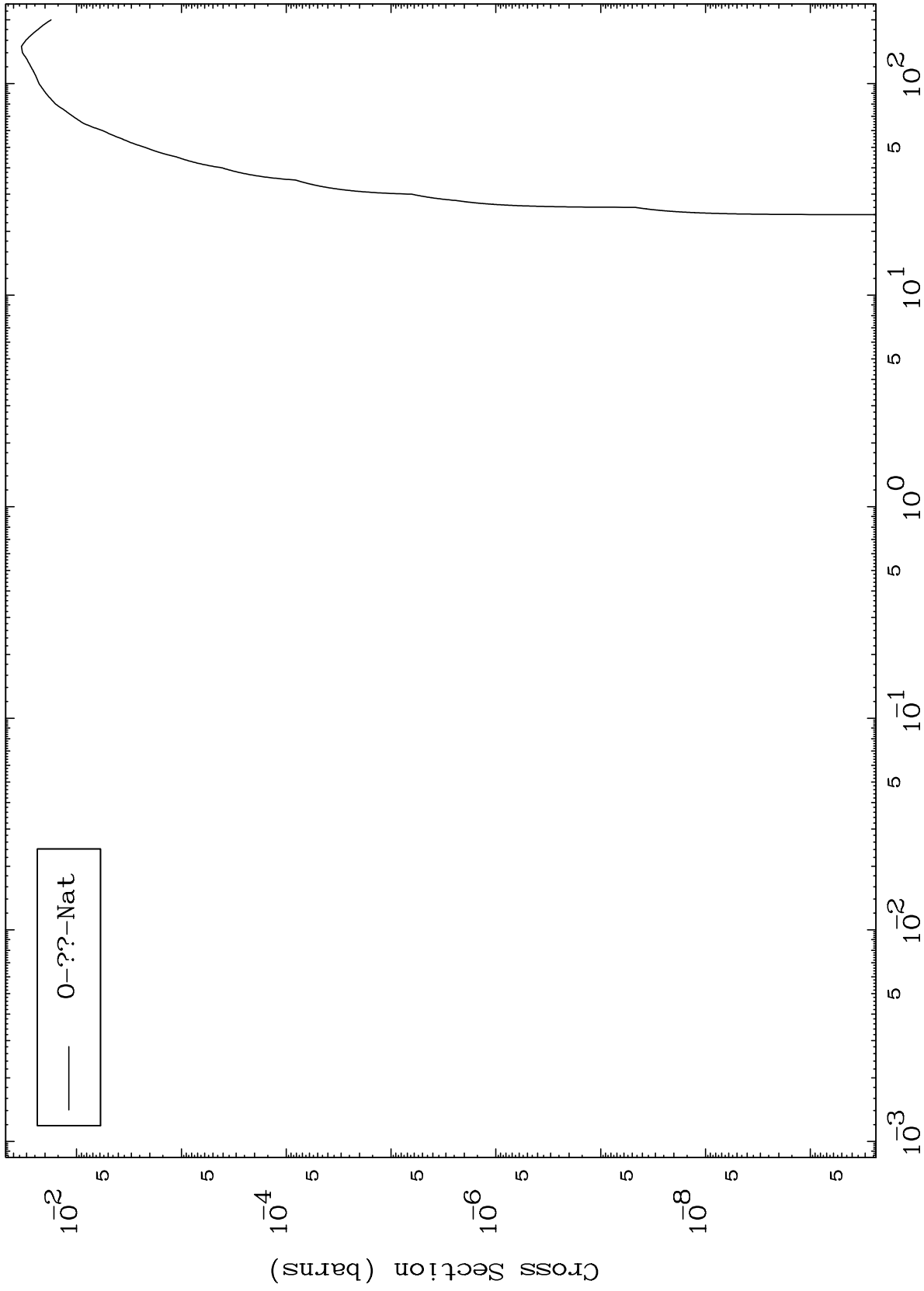
Incident Energy (MeV)

79-Au-190

MAT 7904

α Fission
Radionuclide Production Cross Section

79-Au-190



14

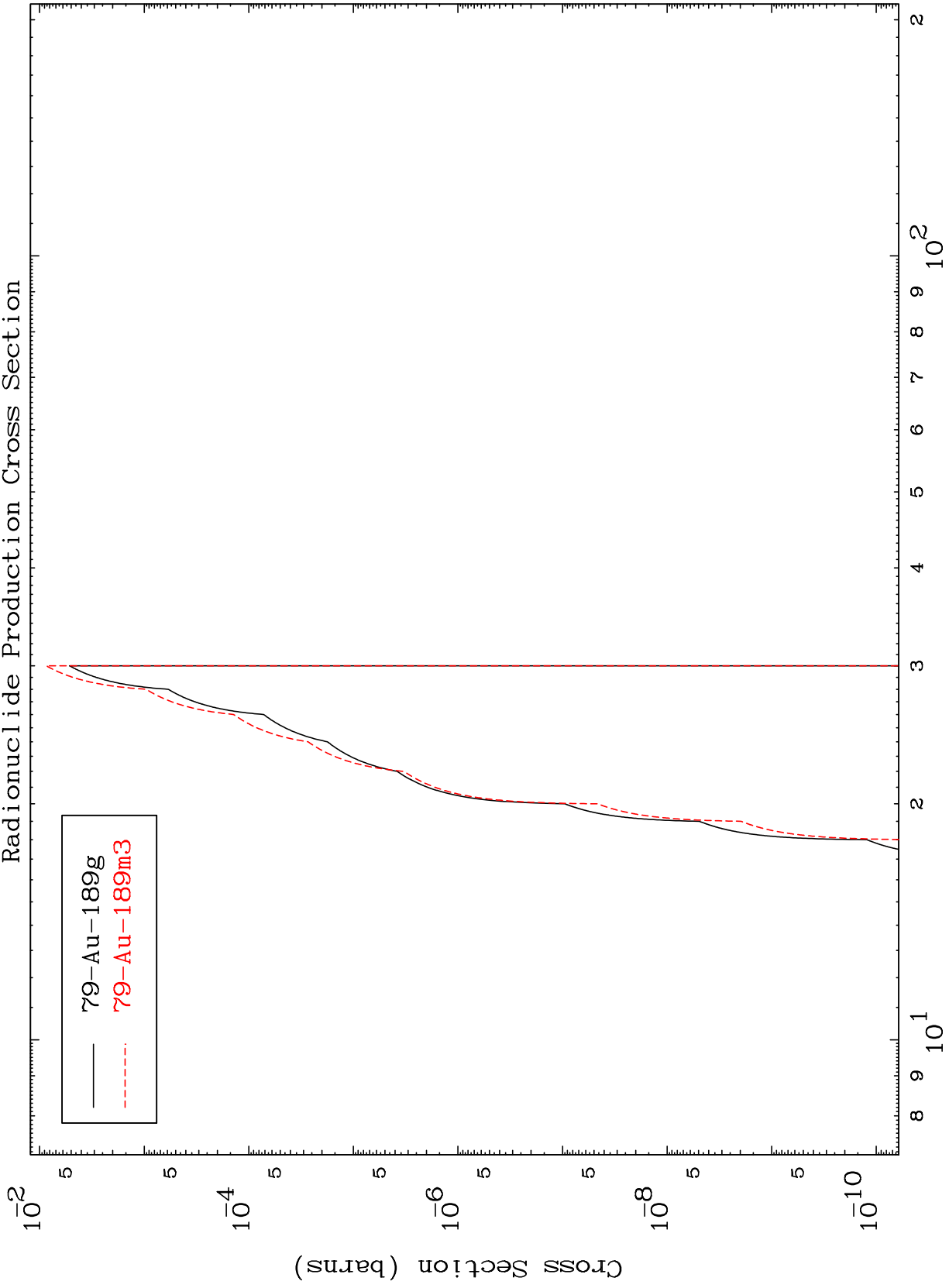
Incident Energy (MeV)

79-Au-190

MAT 7904

⁷⁹Au-190

(α, n') α
Radionuclide Production Cross Section



15

Incident Energy (MeV)

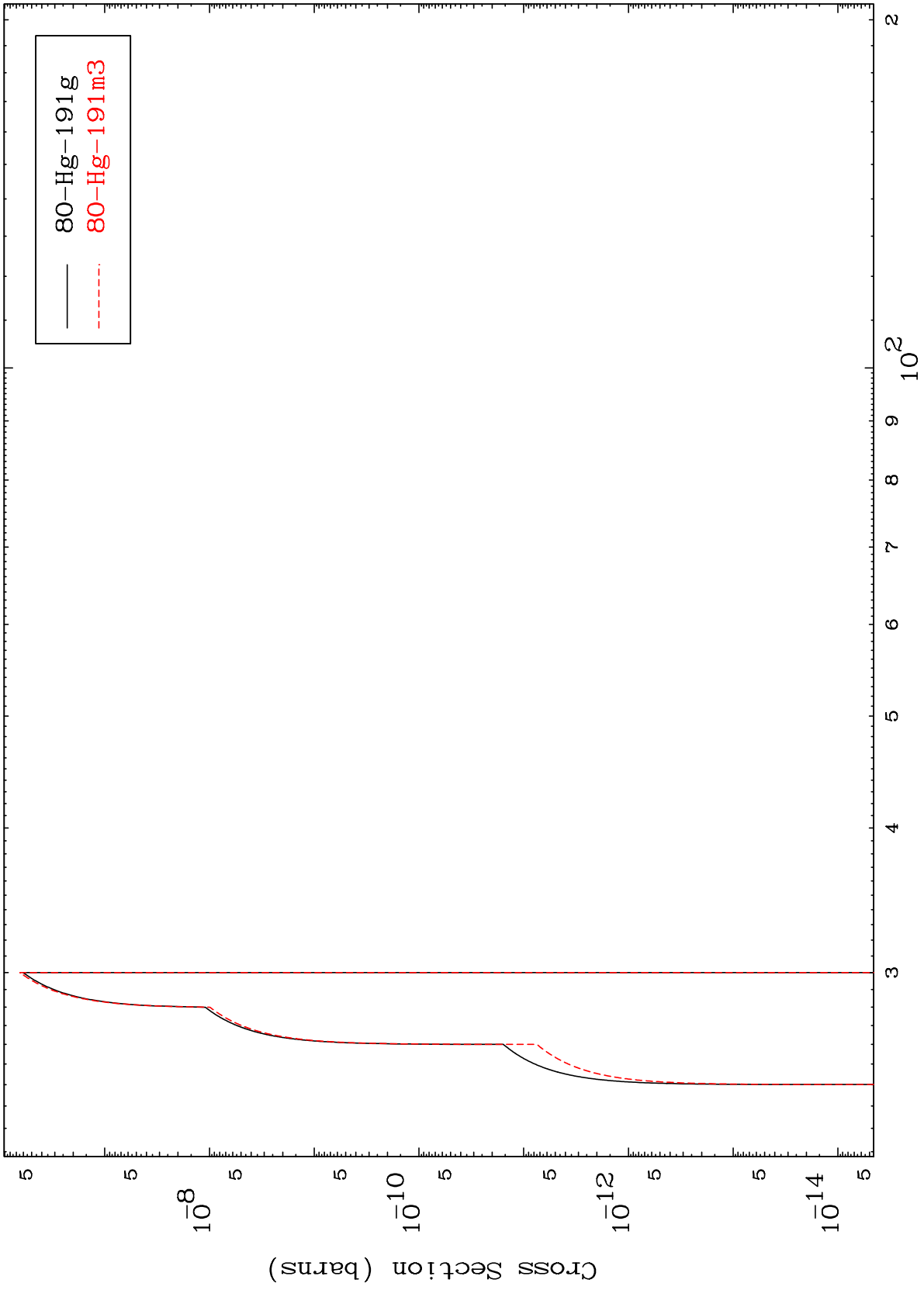
⁷⁹Au-190

MAT 7904

(α, n') d

79-Au-190

Radionuclide Production Cross Section



16

Incident Energy (MeV)

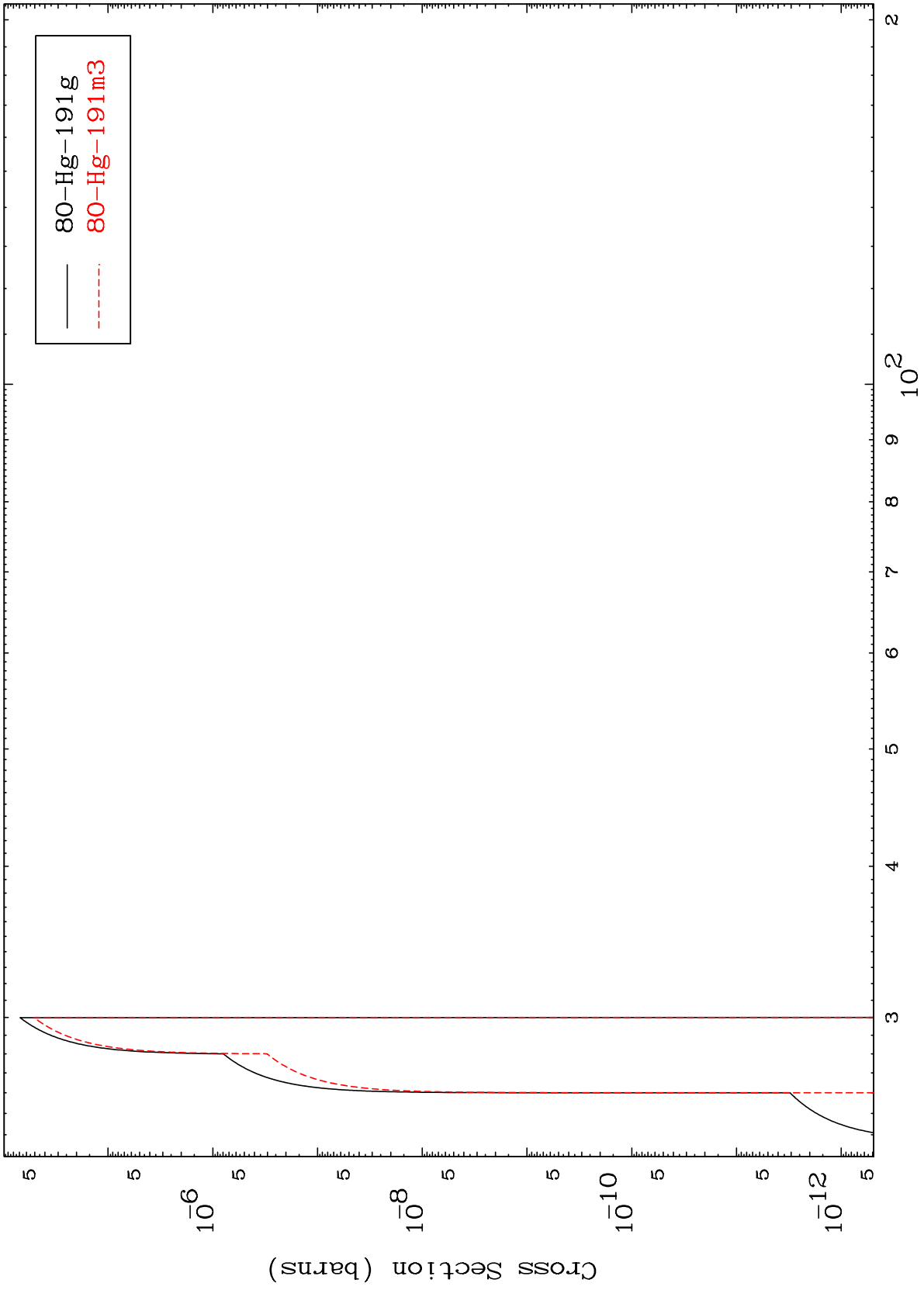
79-Au-190

MAT 7904

($\alpha, 2n$) p

79-Au-190

Radionuclide Production Cross Section



17

Incident Energy (MeV)

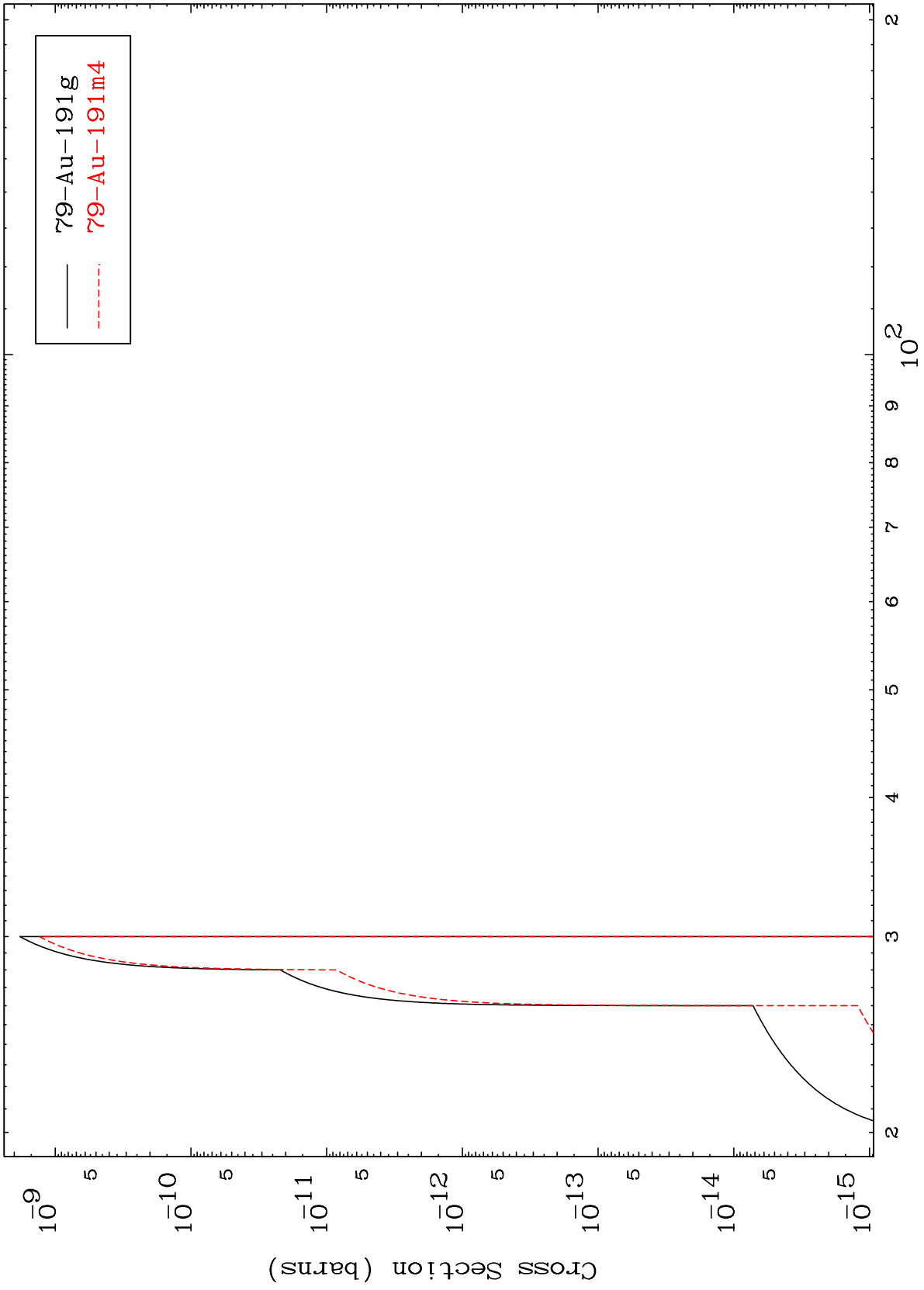
79-Au-190

MAT 7904

($\alpha, 2n$) p

⁷⁹Au-190

Radionuclide Production Cross Section



18

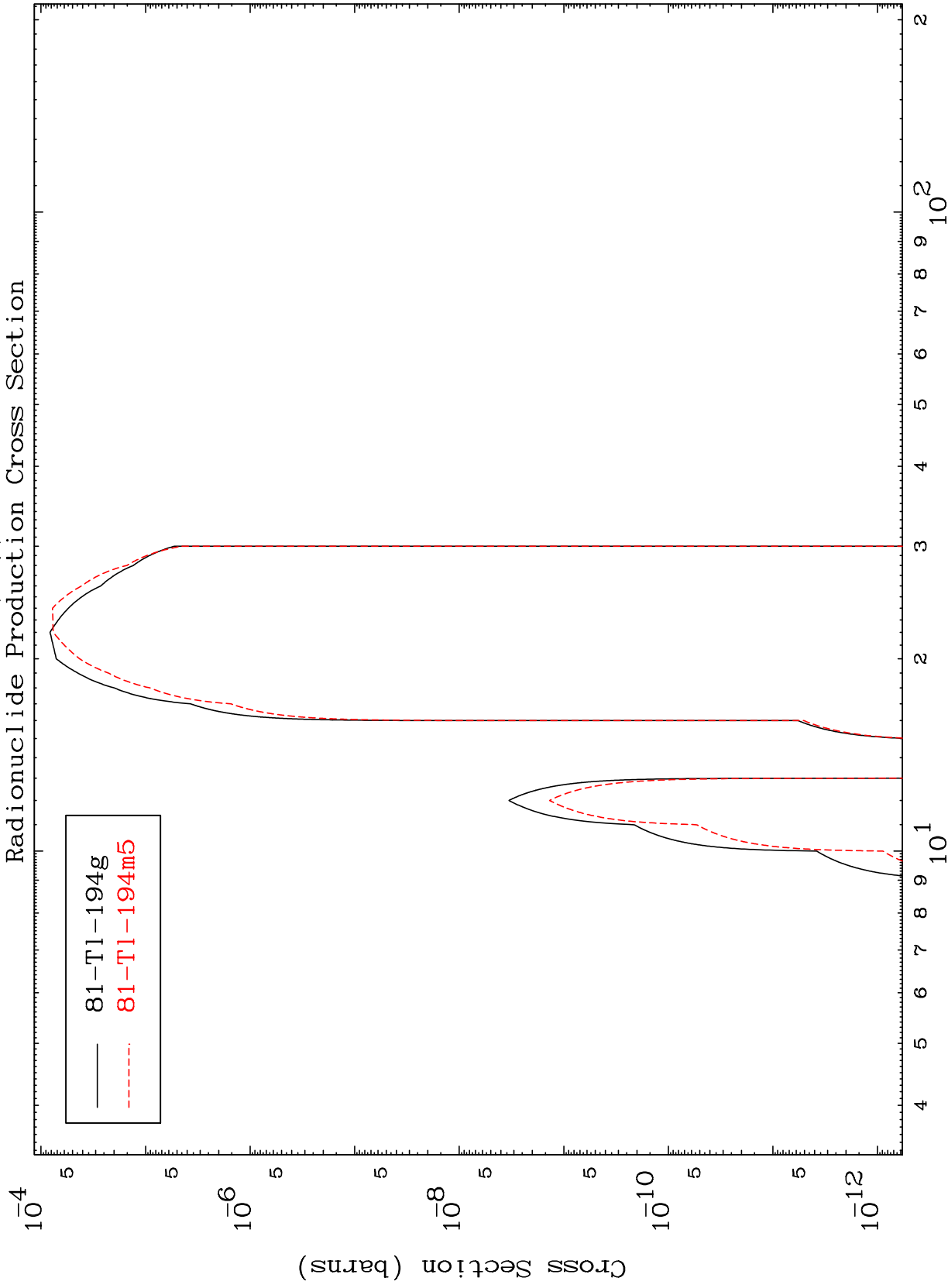
Incident Energy (MeV)

⁷⁹Au-190

MAT 7904

79-Au-190

Radionuclide Production Cross Section
(α, γ)



19

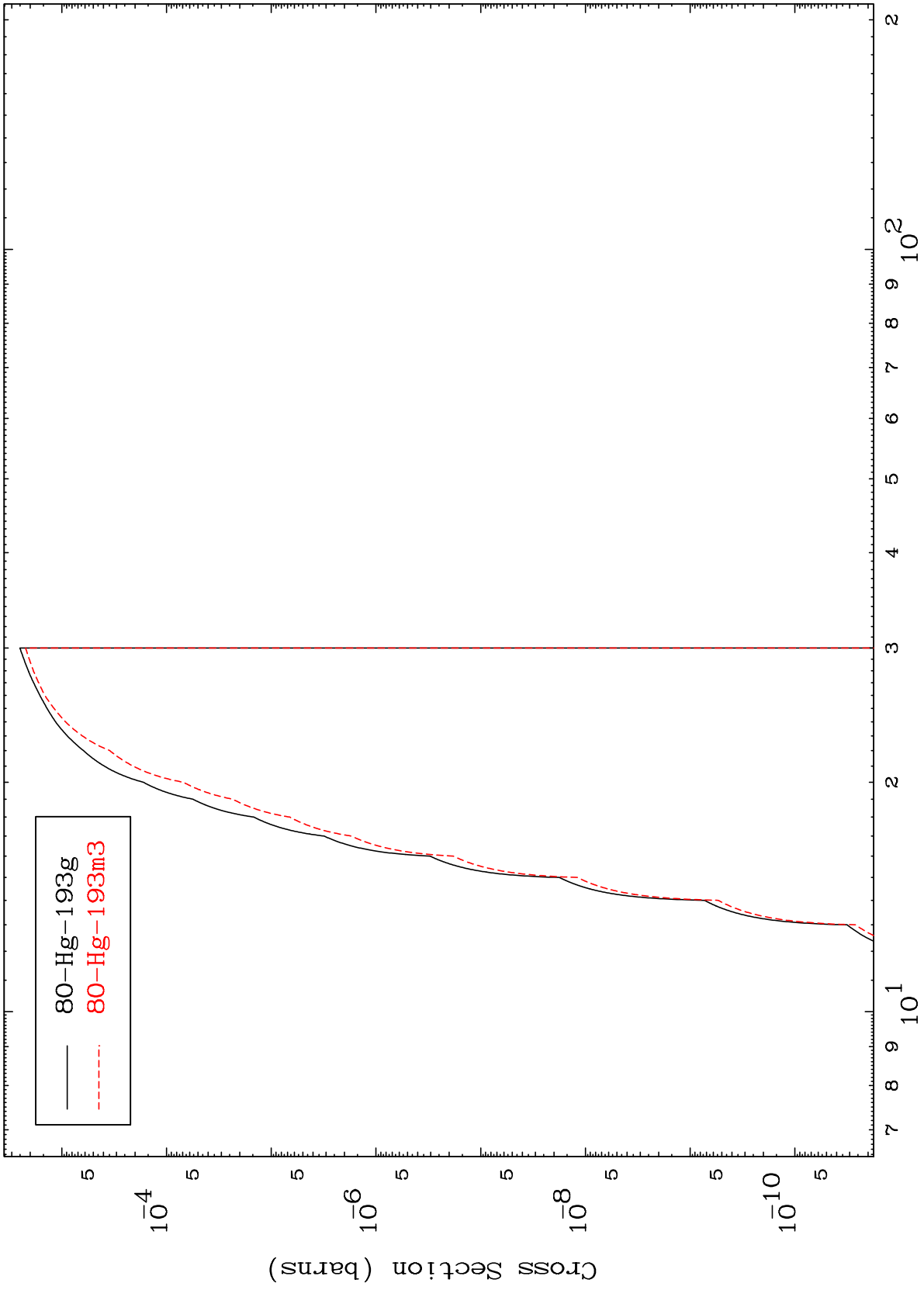
Incident Energy (MeV)

79-Au-190

MAT 7904

79-Au-190

(α, p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

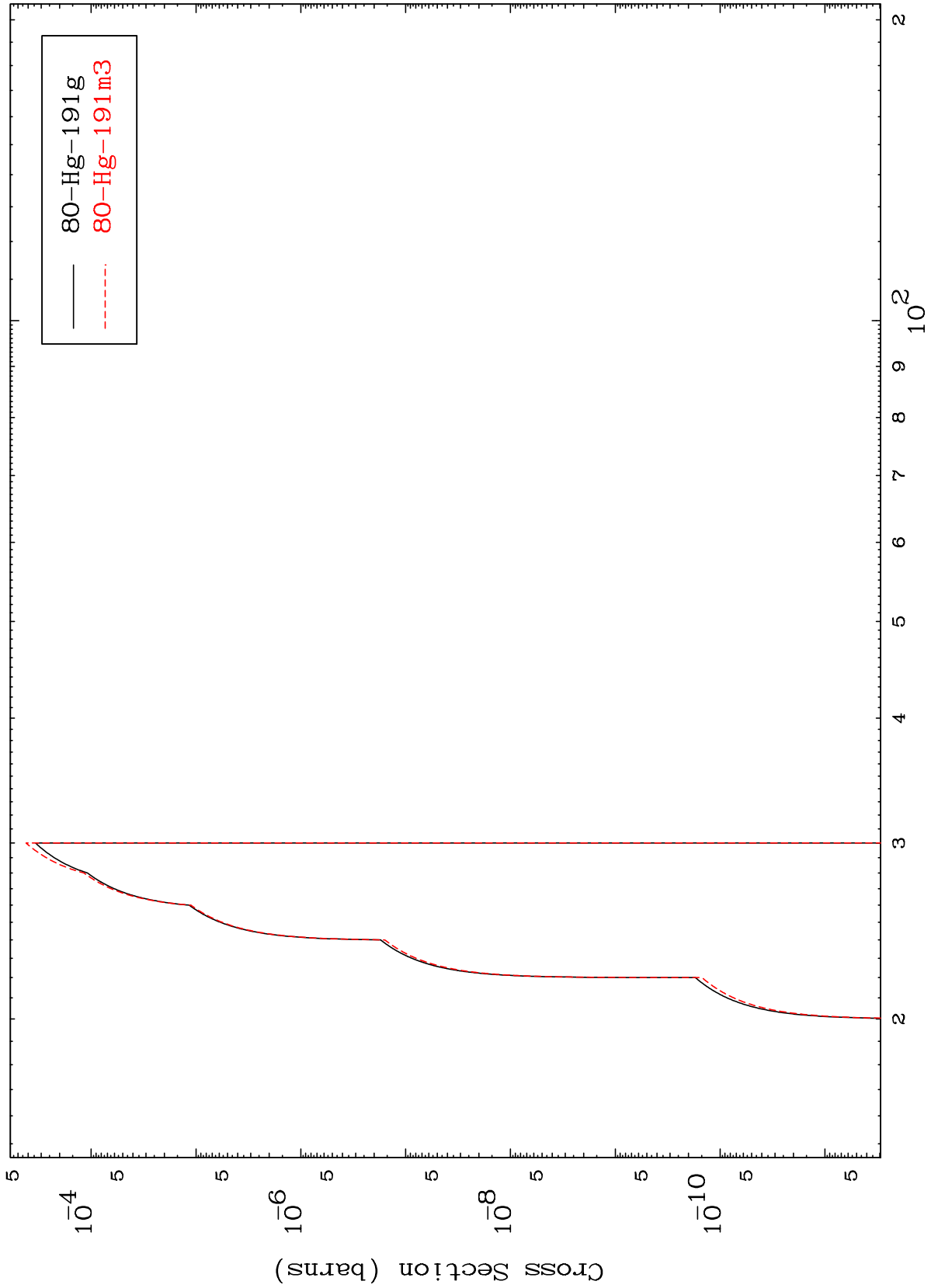
79-Au-190

MAT 7904

(α, t)

79-Au-190

Radionuclide Production Cross Section



21

Incident Energy (MeV)

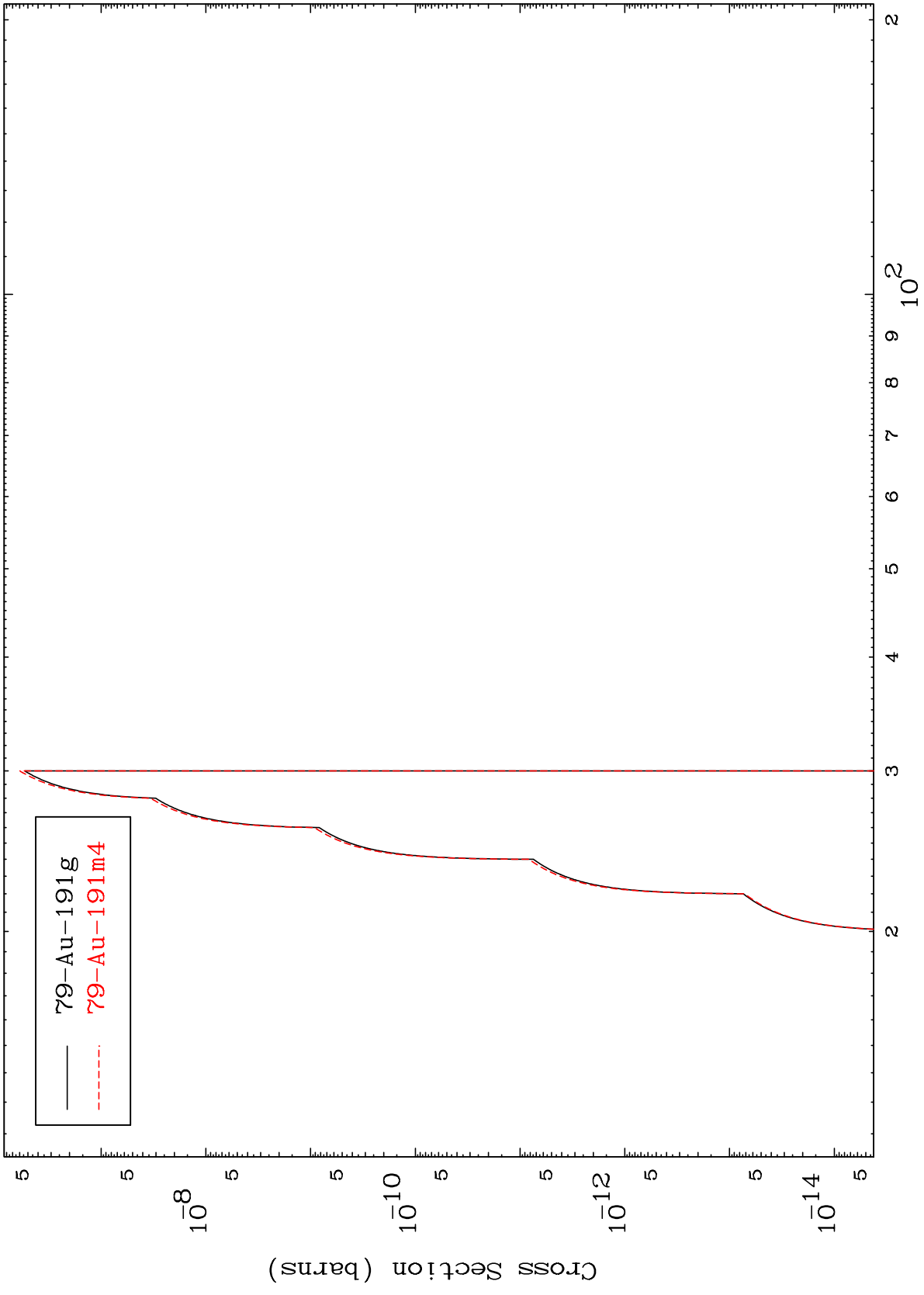
79-Au-190

MAT 7904

($\alpha, \text{He-3}$)

$^{79}\text{Au-190}$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

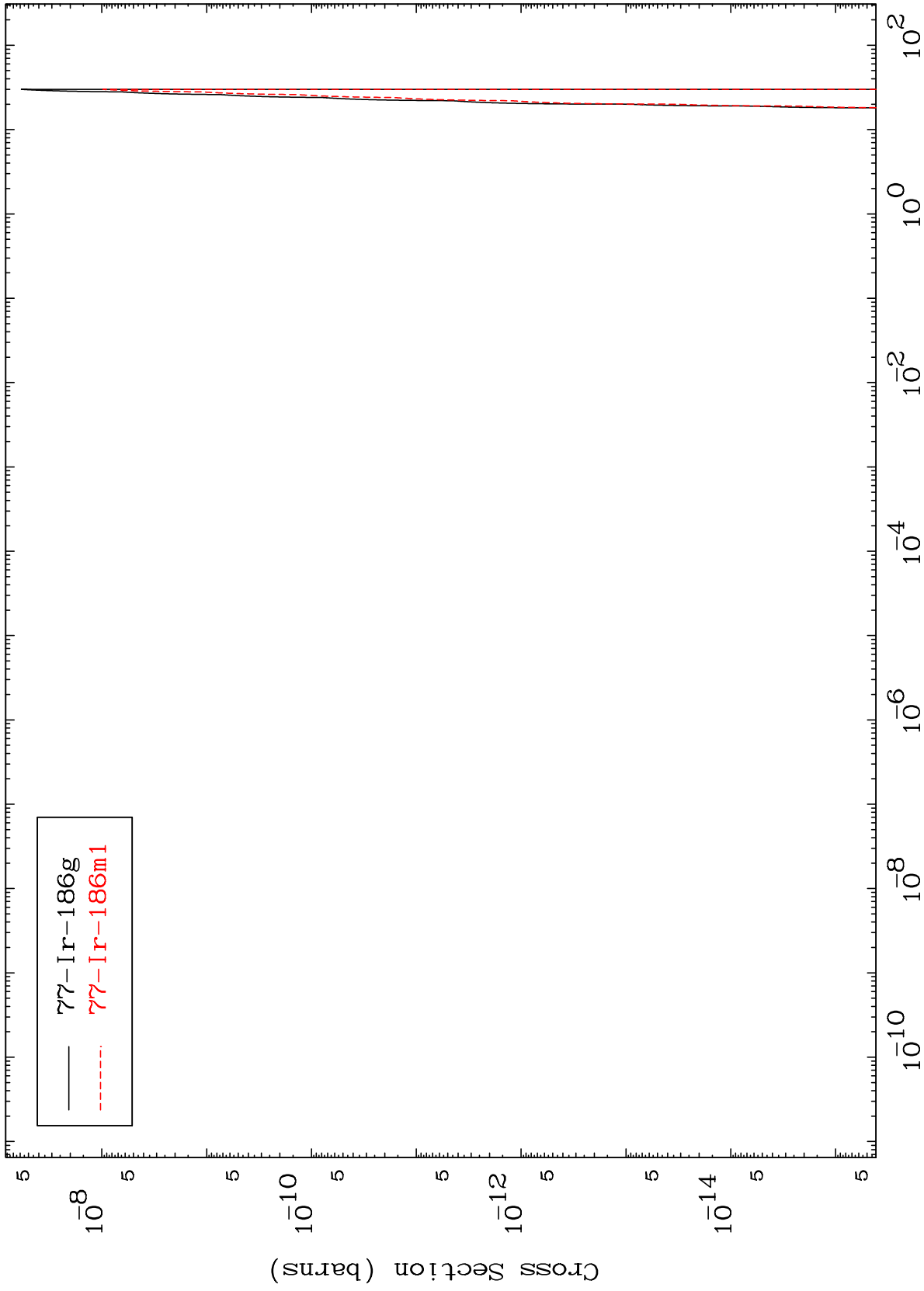
$^{79}\text{Au-190}$

MAT 7904

($\alpha, 2\alpha$)

⁷⁹Au-190

Radionuclide Production Cross Section



23

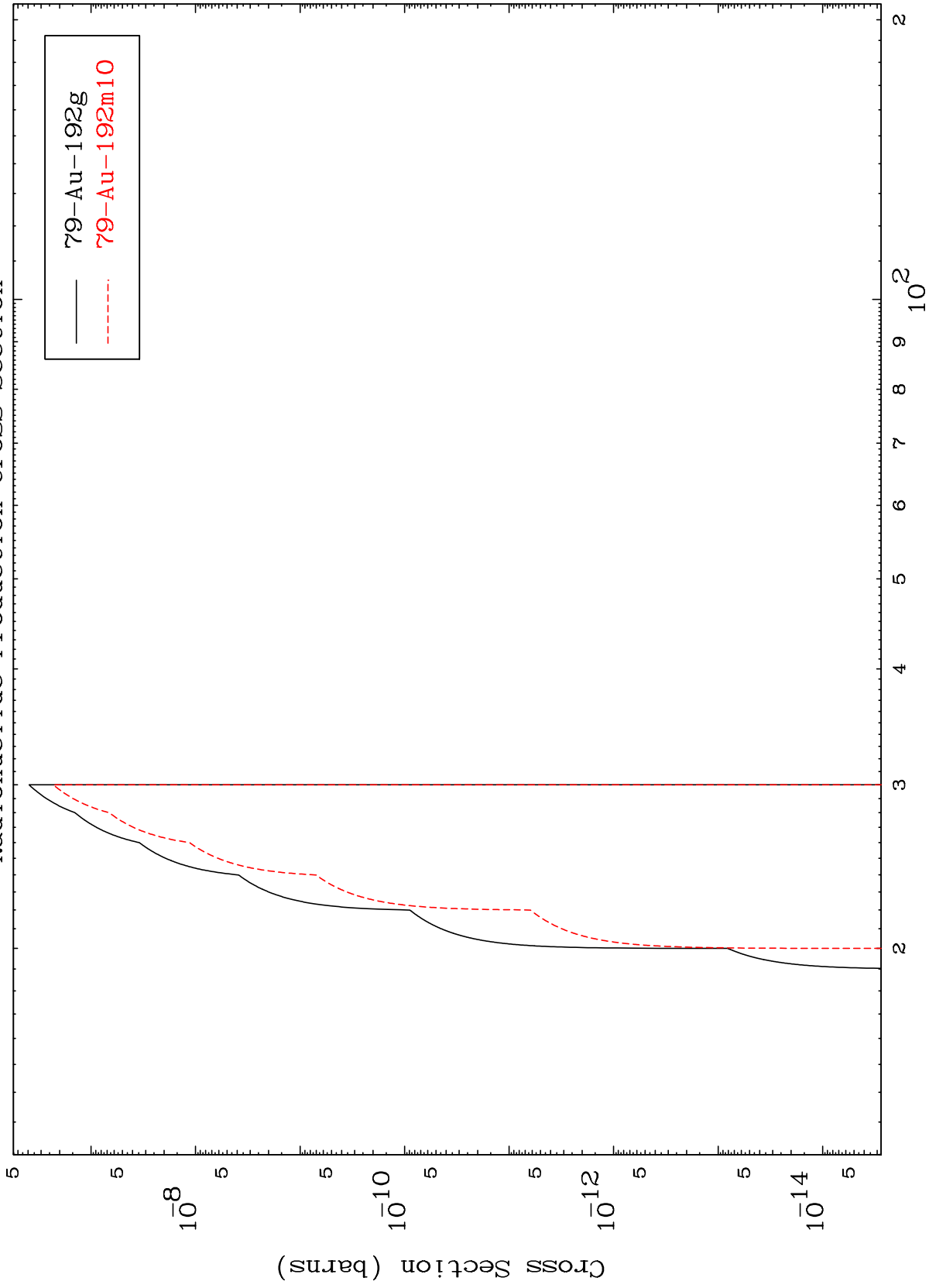
Incident Energy (MeV)

⁷⁹Au-190

MAT 7904

⁷⁹Au-190

($\alpha, 2p$)
Radionuclide Production Cross Section



24

⁷⁹Au-190

Incident Energy (MeV)