

Program EVALPLOT
(Version 2021-1)

by

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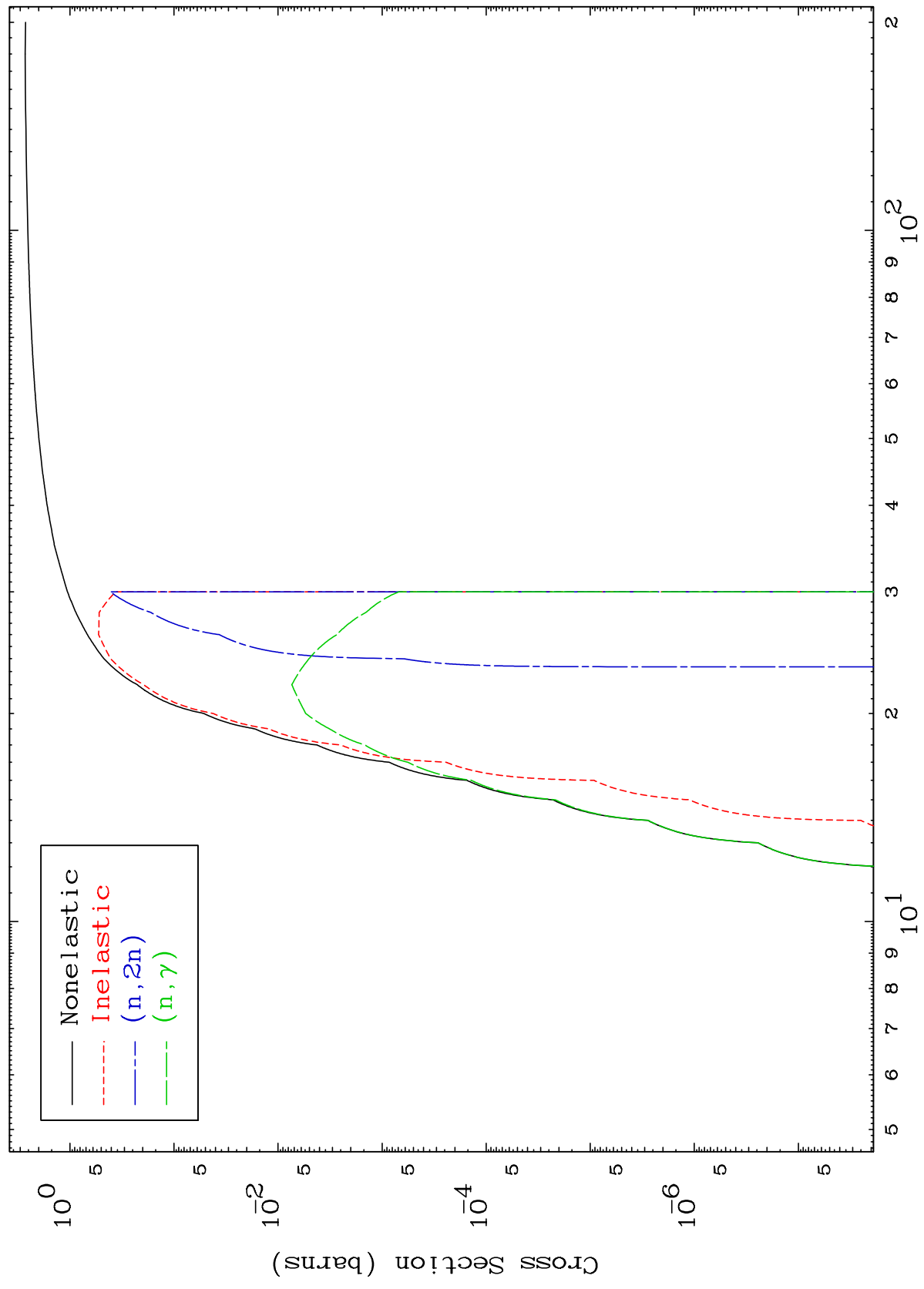
Press Mouse Button to Start

MAT 8005

α Major

80-Hg-189m

0 Kelvin Cross Sections



1

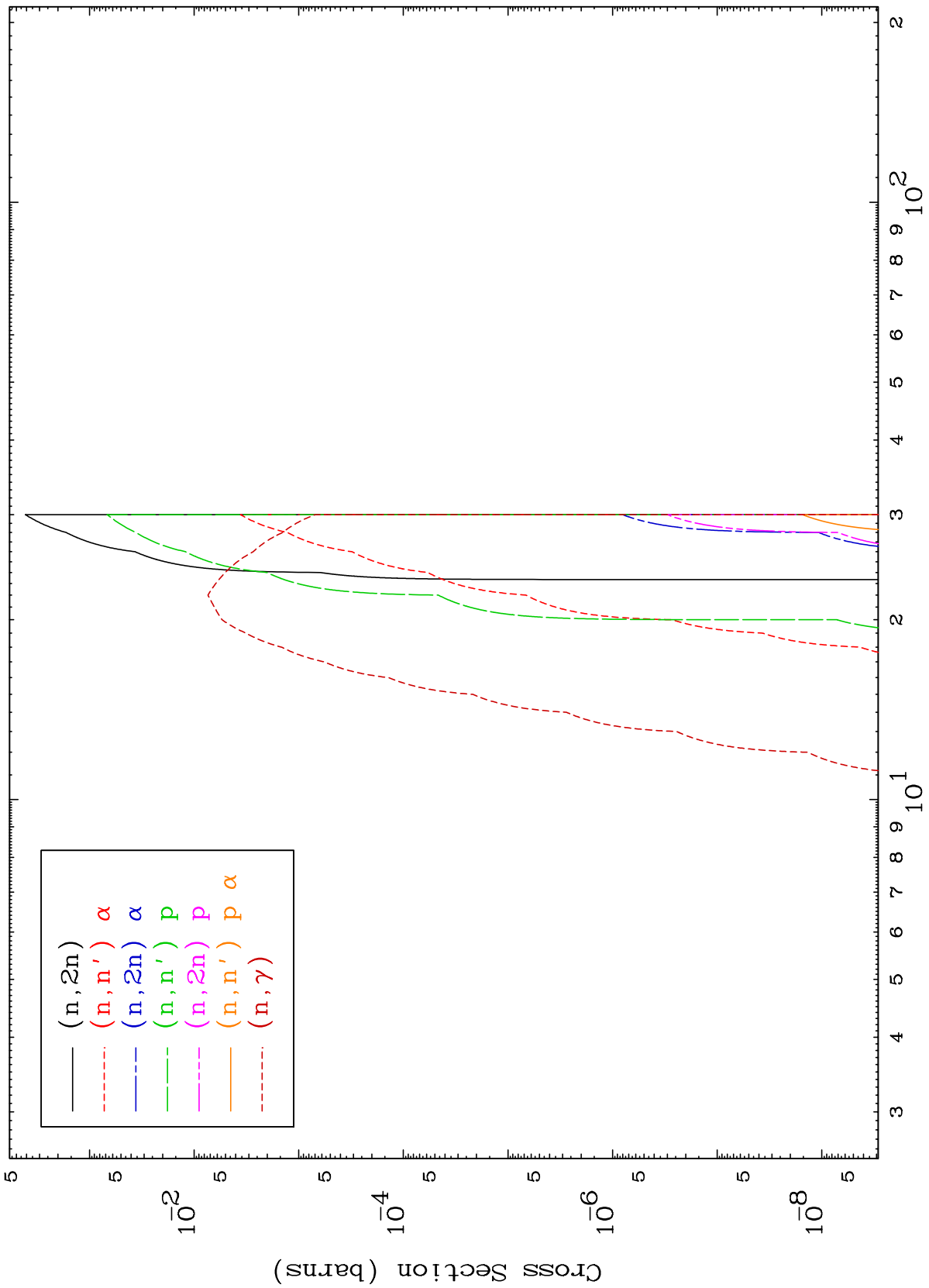
Incident Energy (MeV)

80-Hg-189m

MAT 8005

α Neutron Absorption
0 Kelvin Cross Sections

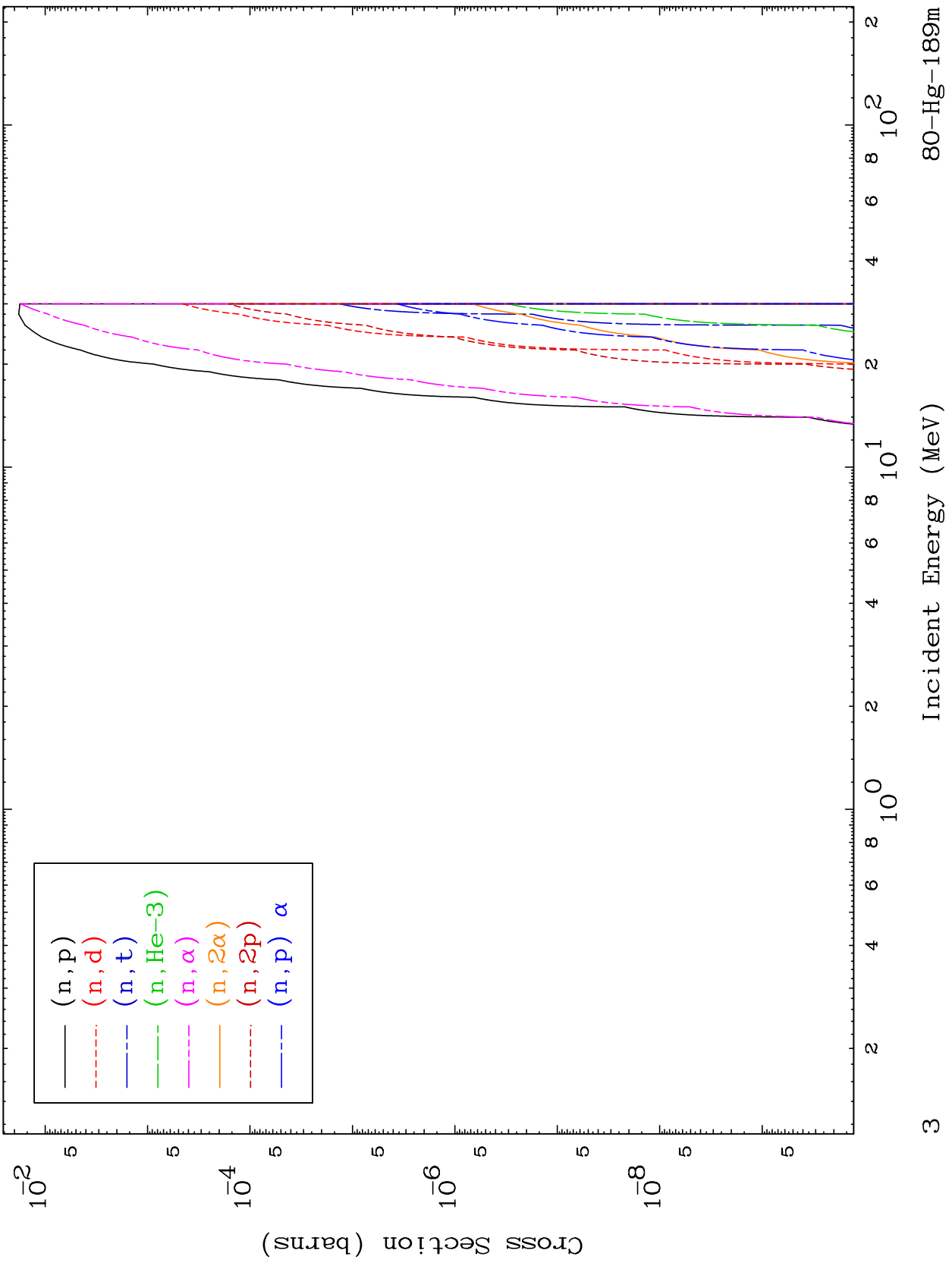
80-Hg-189m



MAT 8005

α Neutron Absorption
0 Kelvin Cross Sections

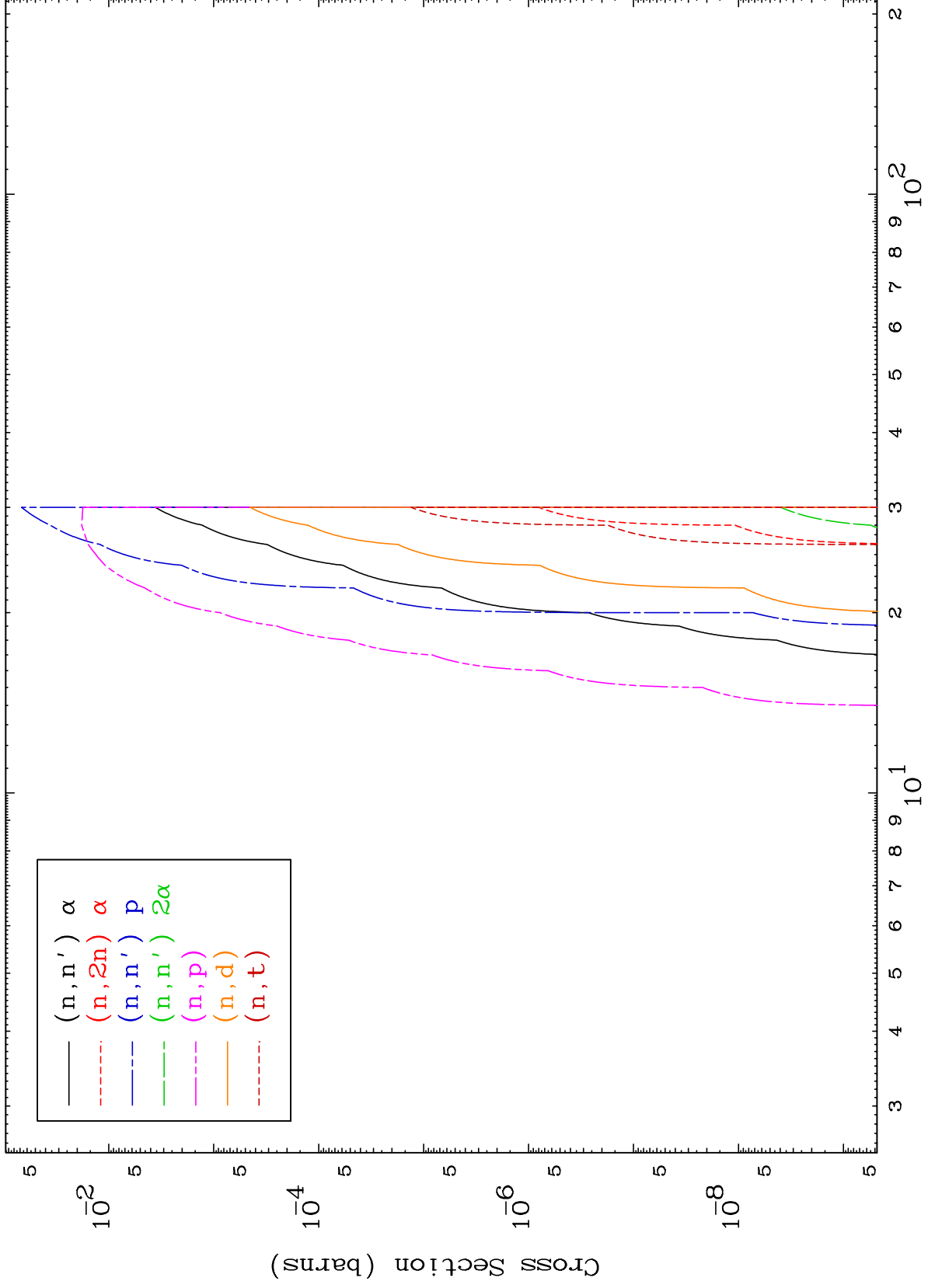
80-Hg-189m



MAT 8005

α Charged Particle
0 Kelvin Cross Sections

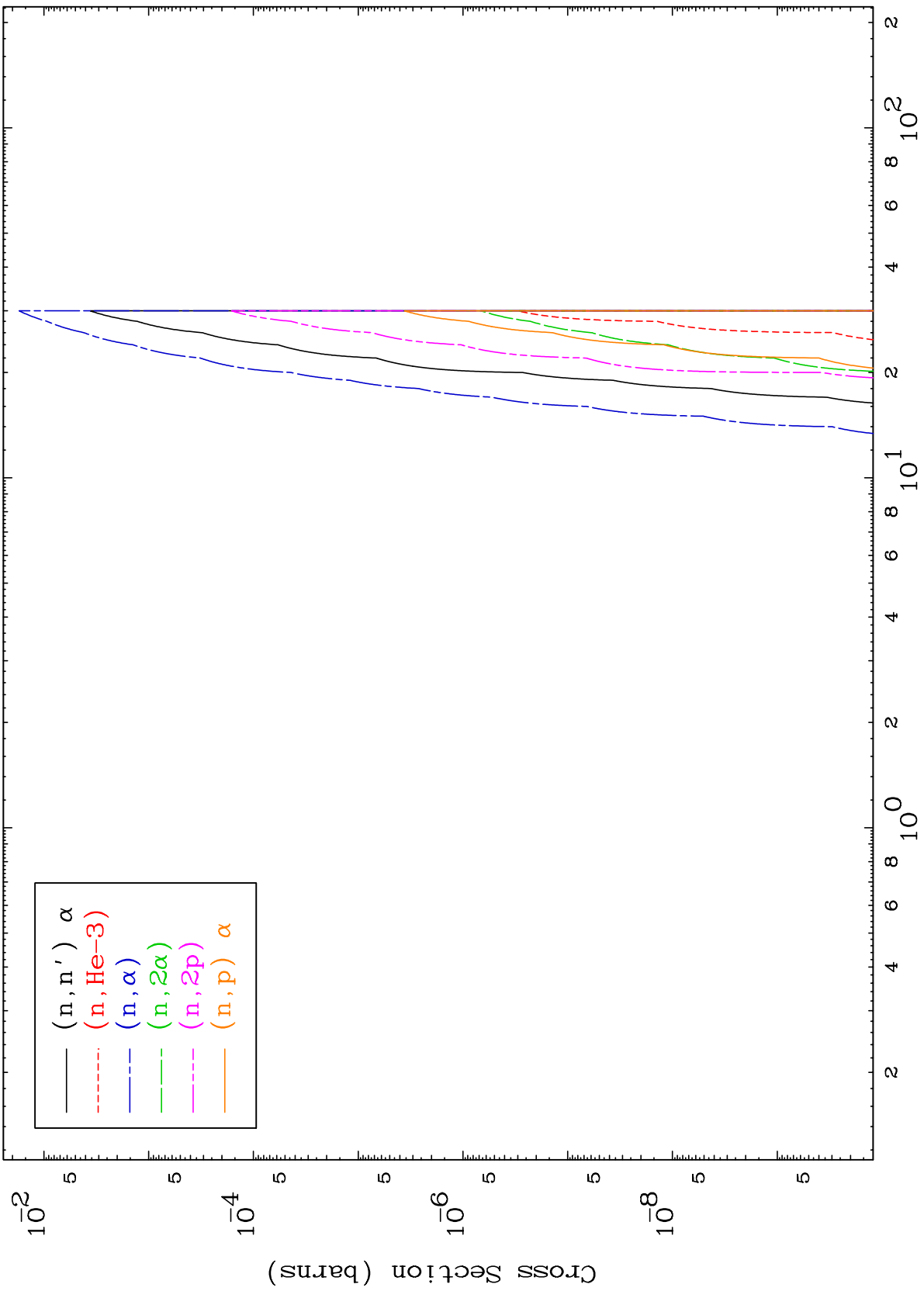
80-Hg-189m



MAT 8005

α Charged Particle
0 Kelvin Cross Sections

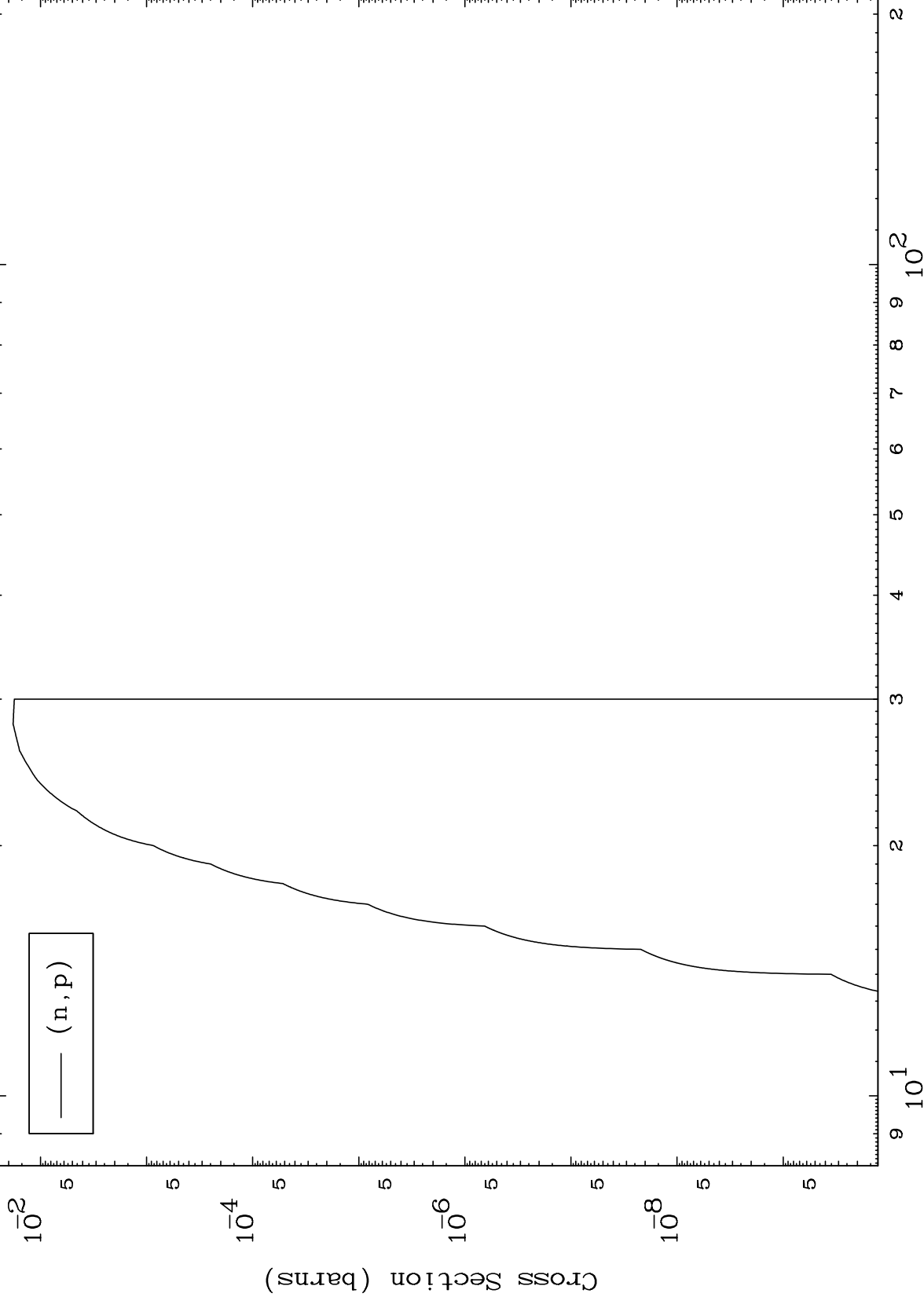
80-Hg-189m



MAT 8005

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-189m



Incident Energy (MeV)

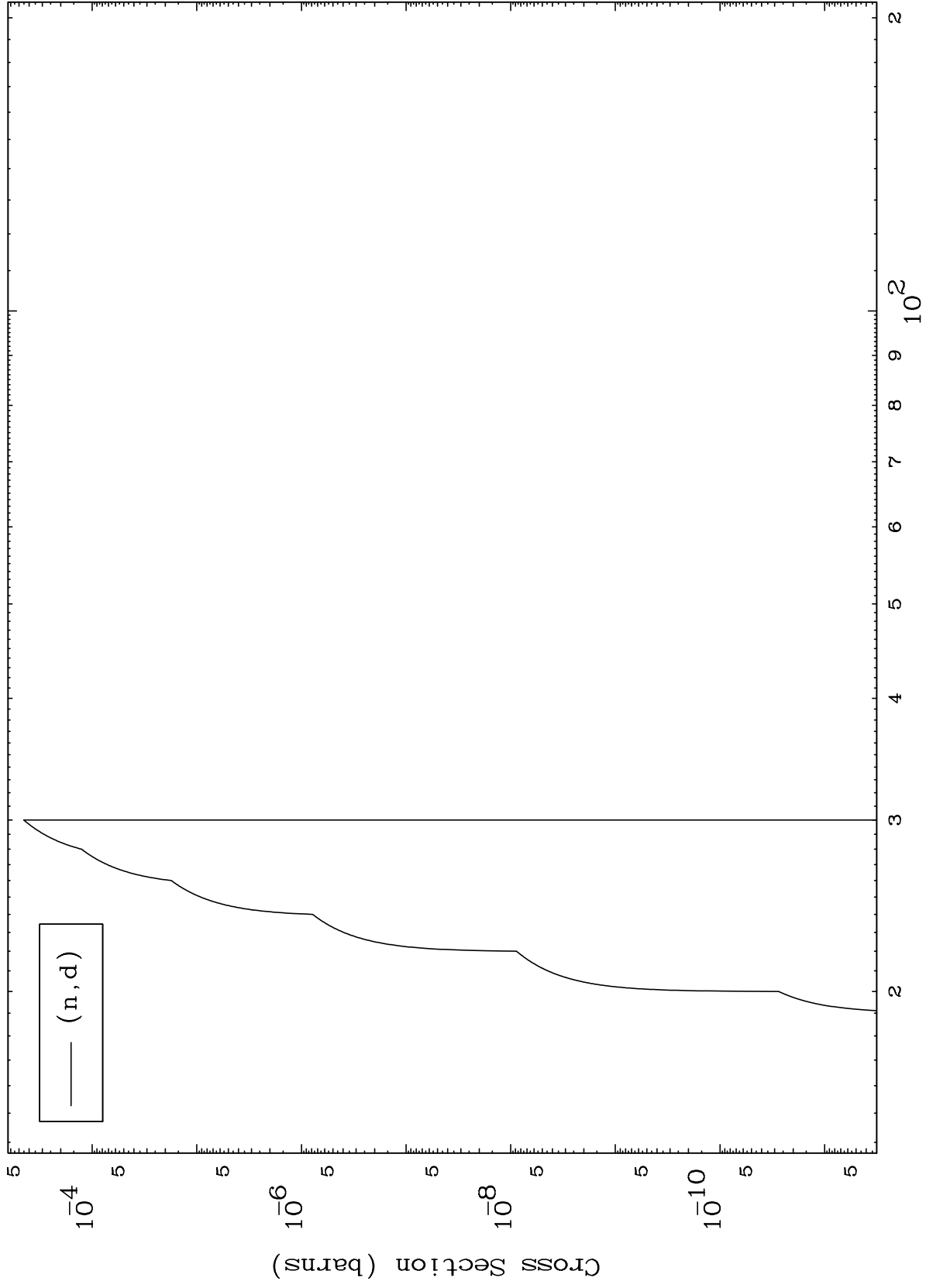
80-Hg-189m

6

MAT 8005

(α, d) Levels
0 Kelvin Cross Sections

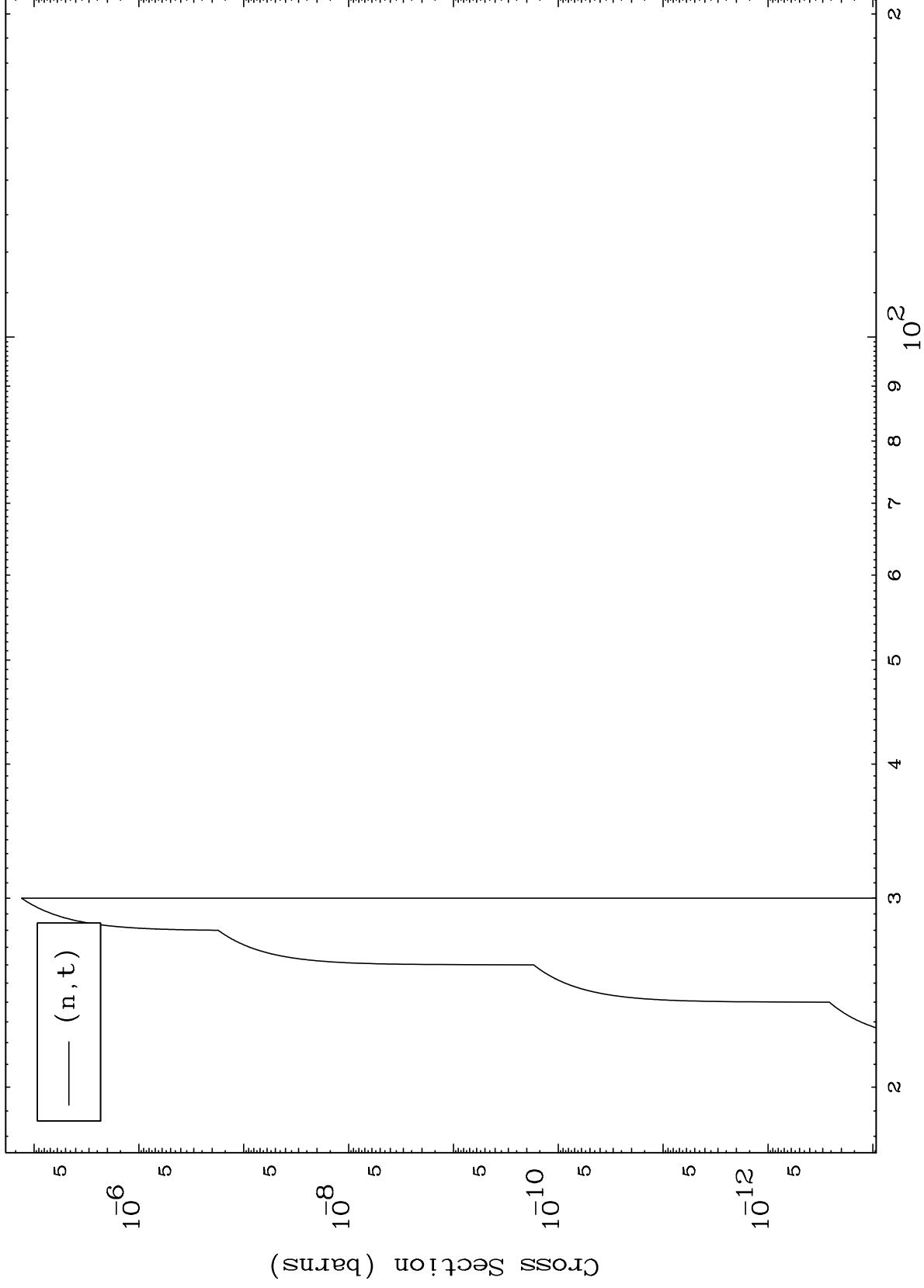
80-Hg-189m



MAT 8005

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-189m



8

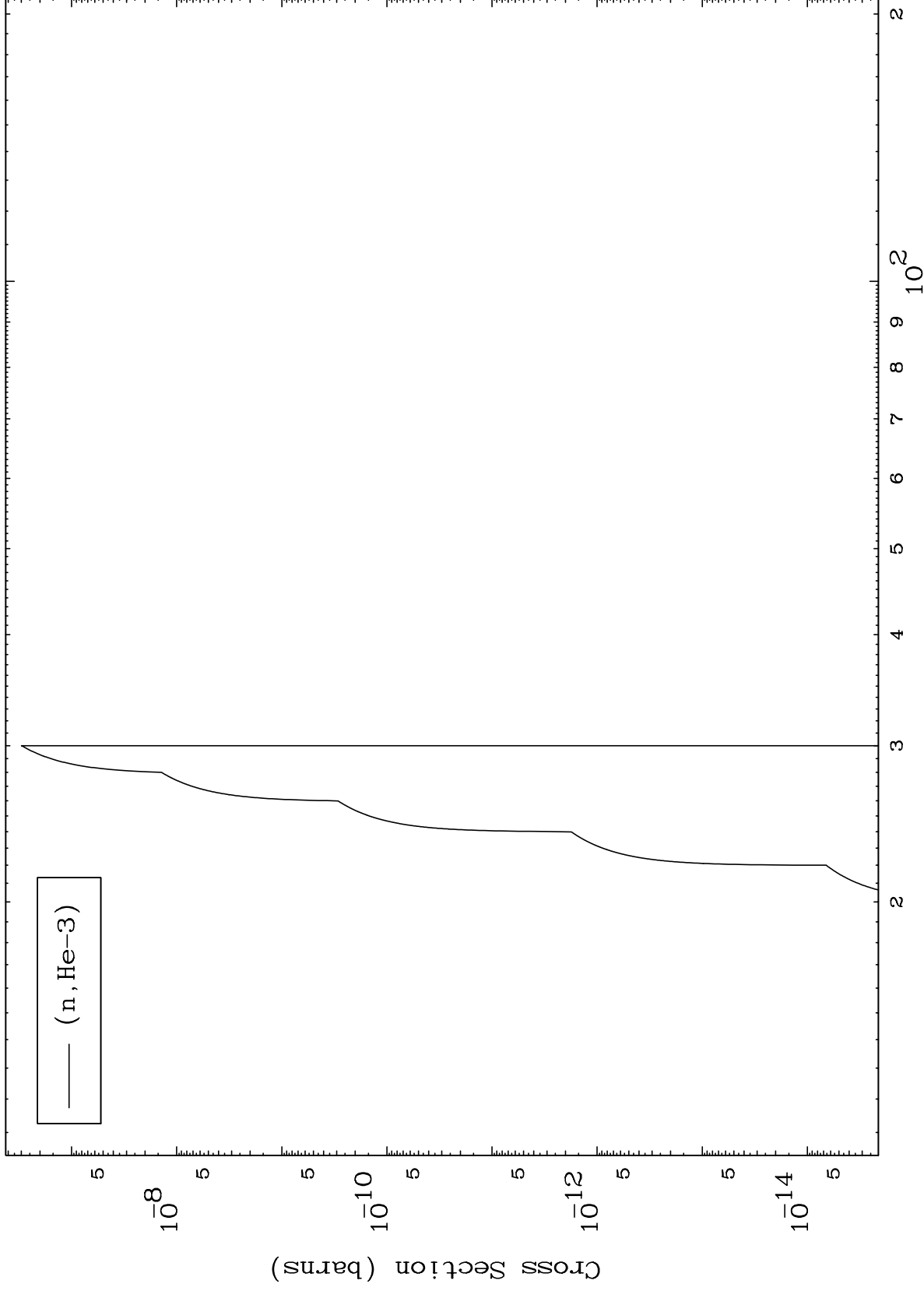
Incident Energy (MeV)

80-Hg-189m

MAT 8005

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

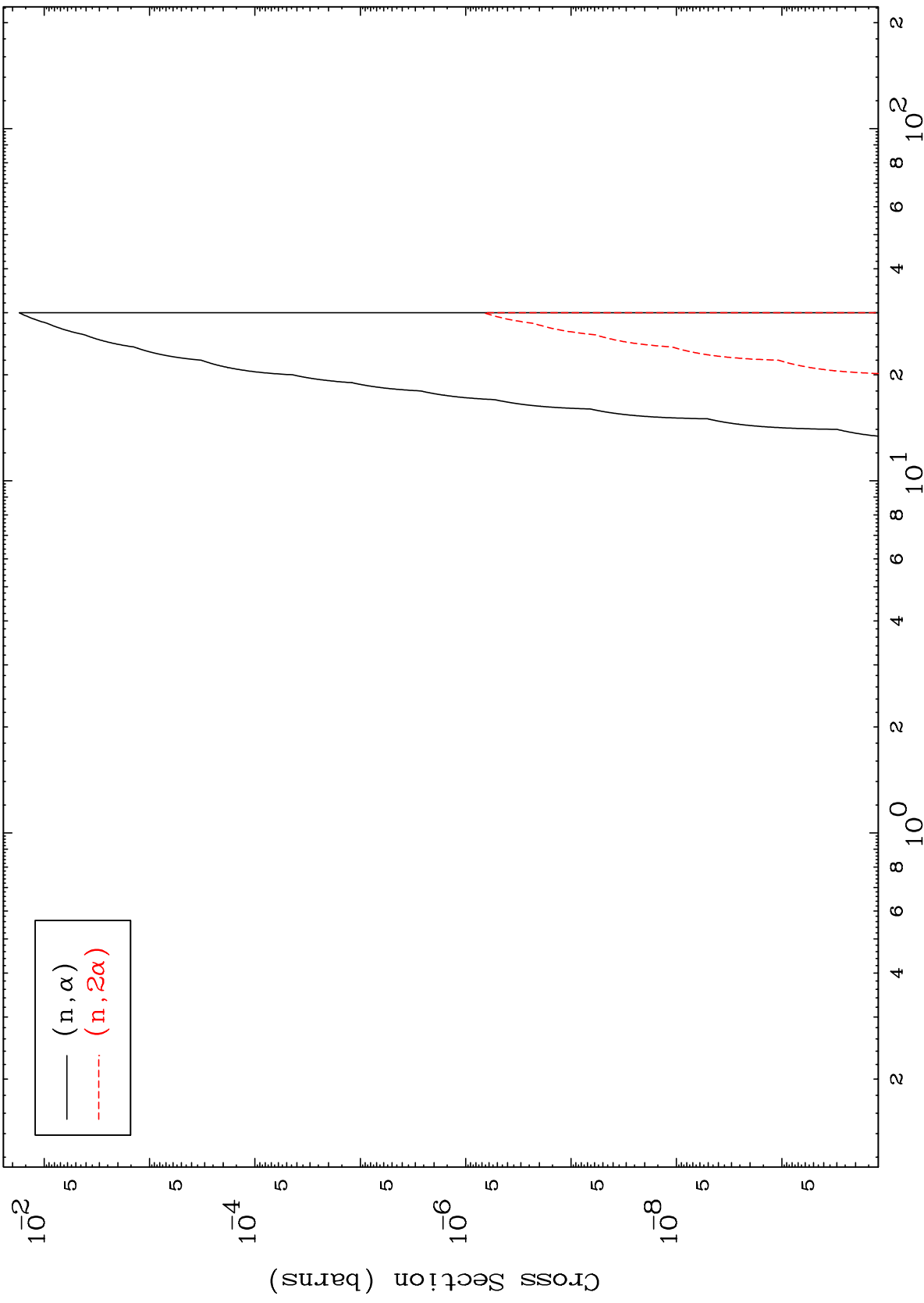
80-Hg-189m



MAT 8005

(α, α) Levels
0 Kelvin Cross Sections

80-Hg-189m



10

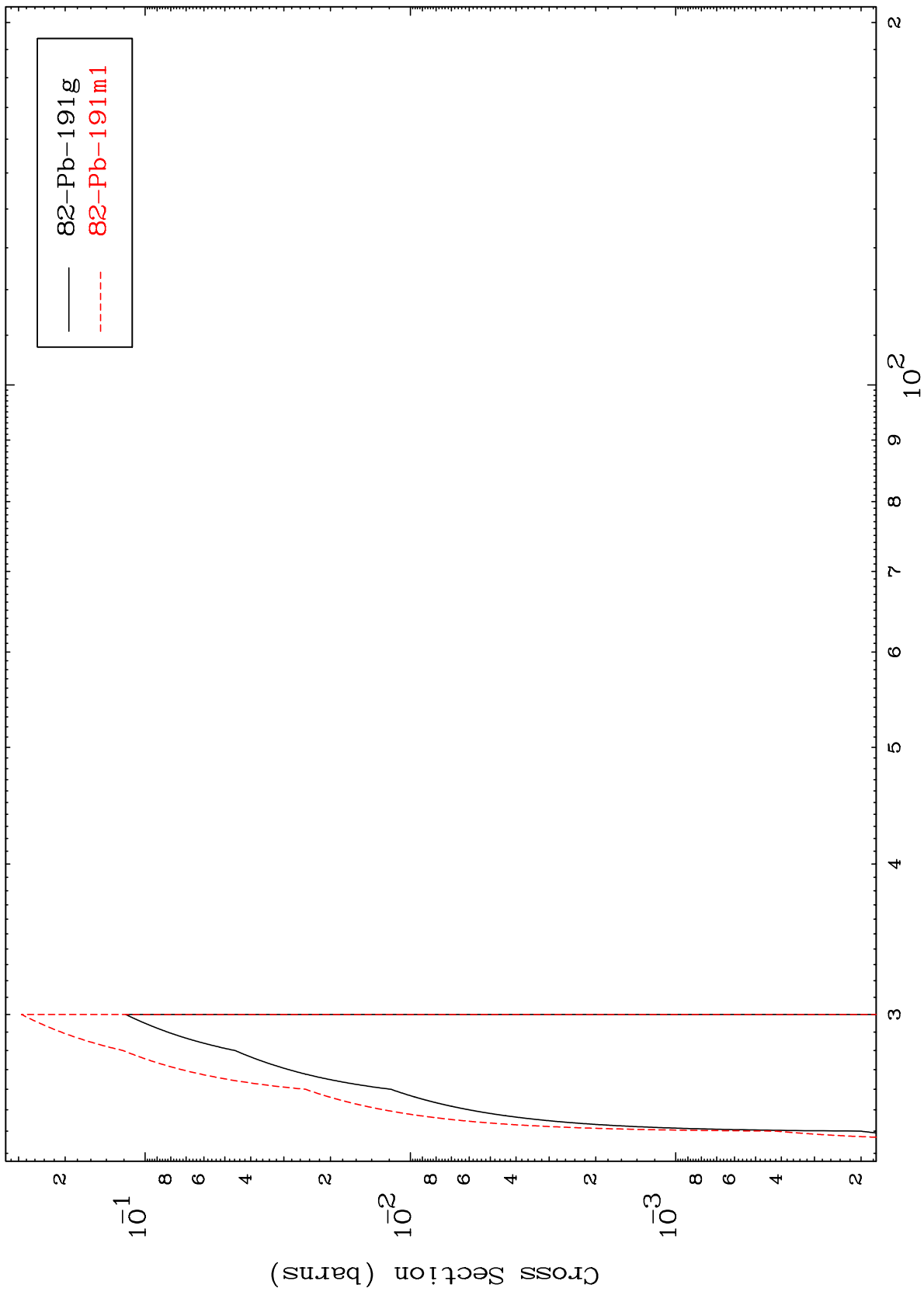
Incident Energy (MeV)

80-Hg-189m

MAT 8005

80-Hg-189m

(n,2n)
Radionuclide Production Cross Section



11

80-Hg-189m

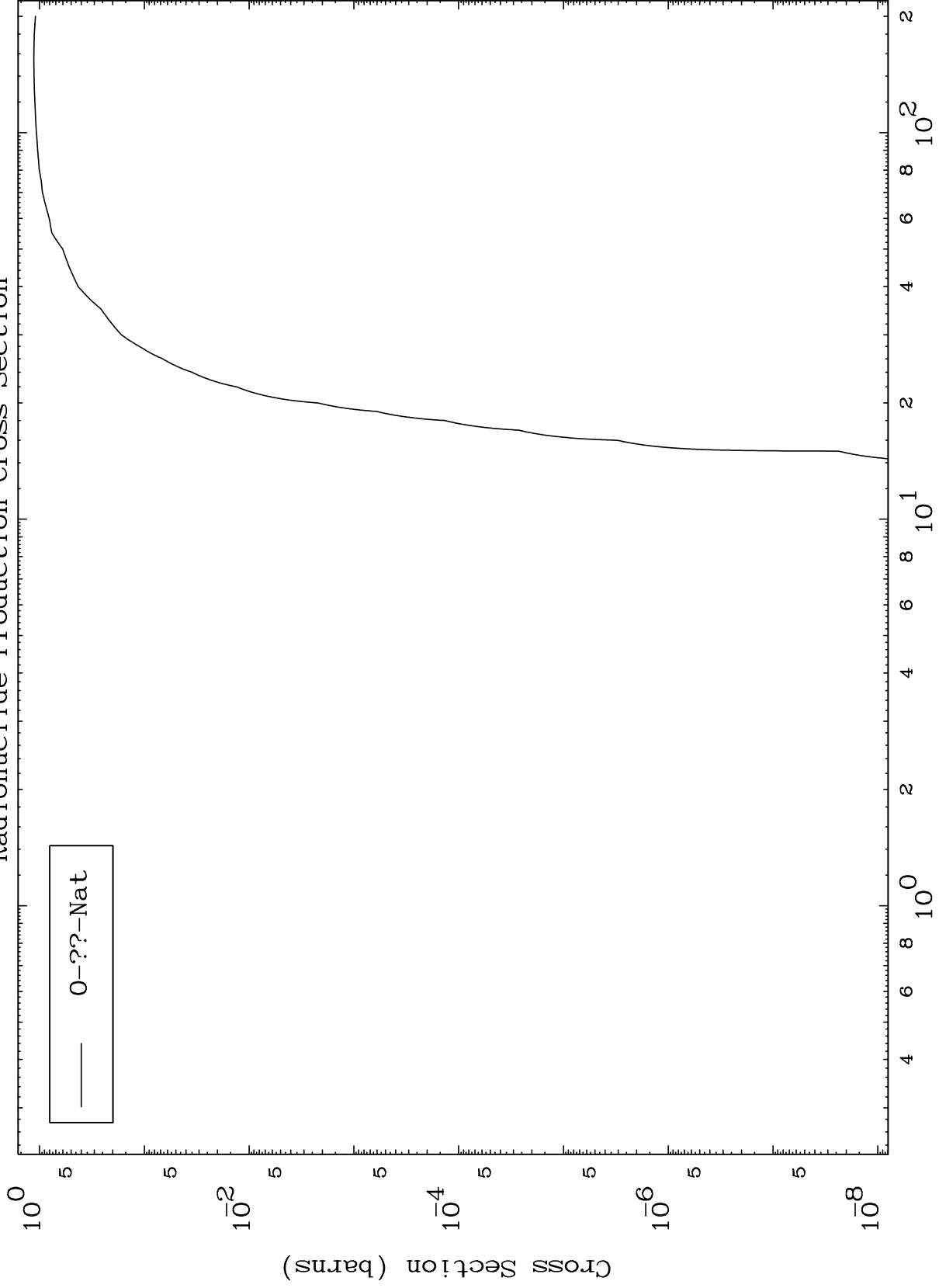
Incident Energy (MeV)

MAT 8005

Fission

80-Hg-189m

Radionuclide Production Cross Section

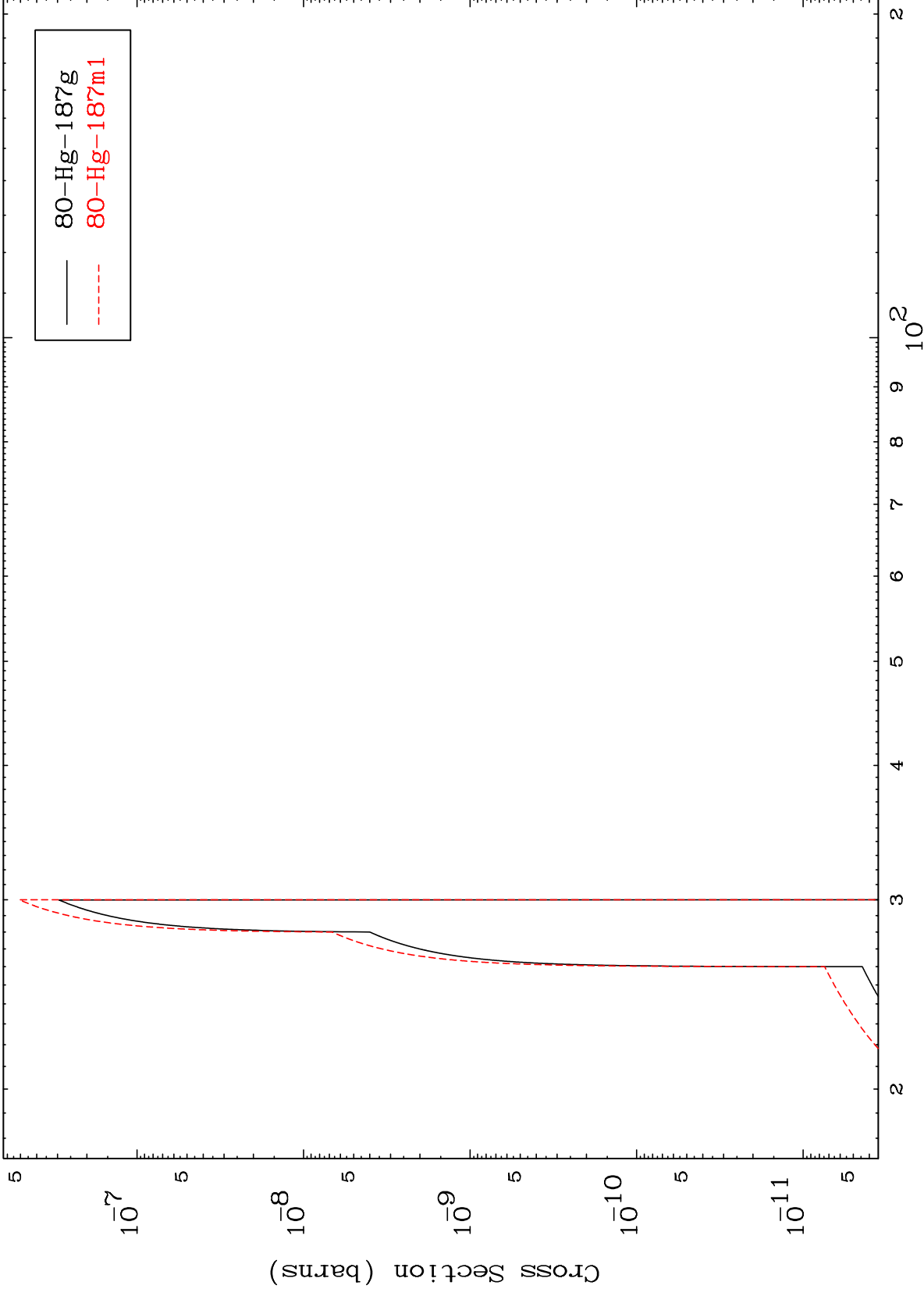


MAT 8005

(n,2n) α

80-Hg-189m

Radionuclide Production Cross Section



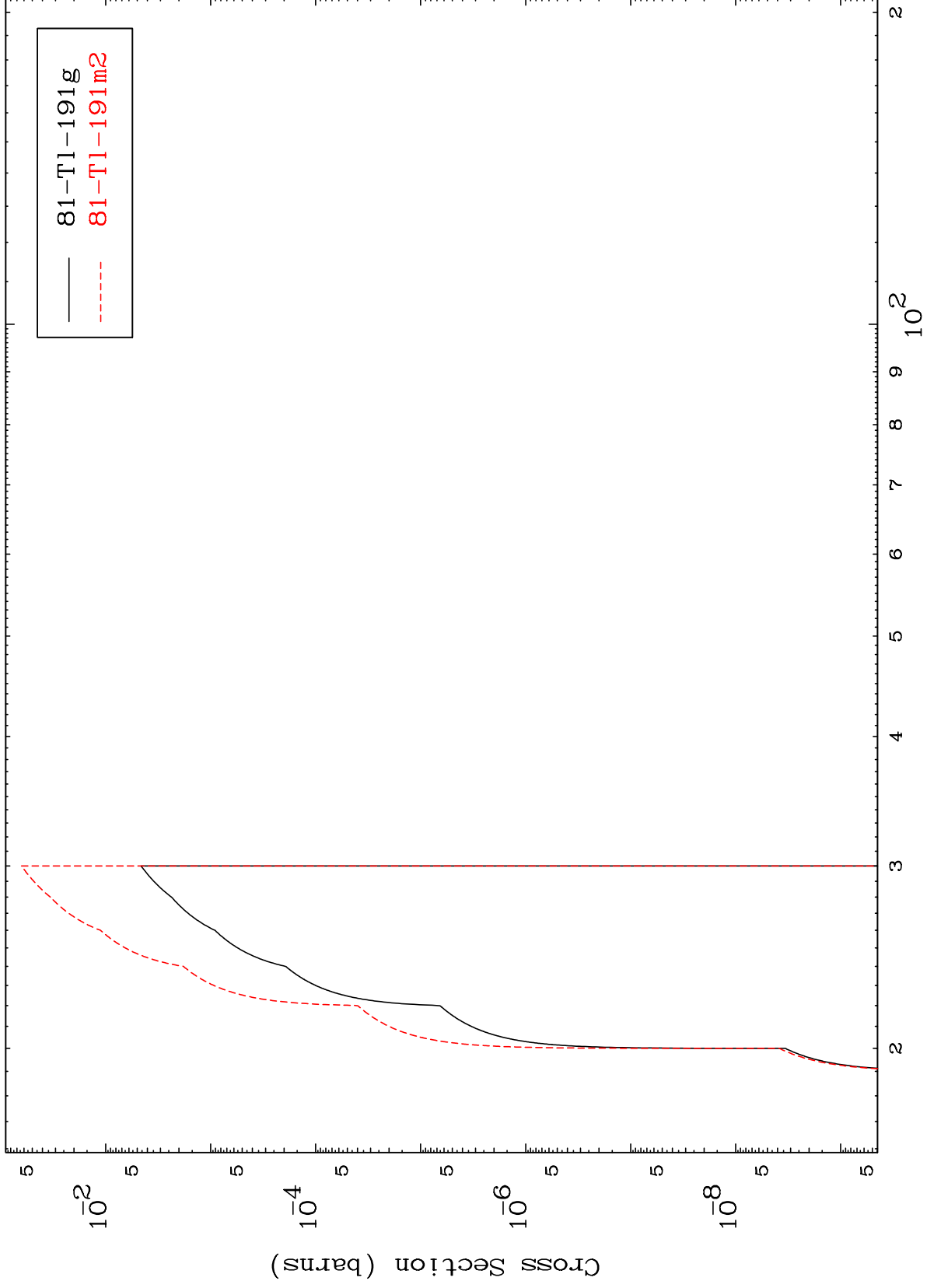
80-Hg-187g
80-Hg-187m1

MAT 8005

(n,n') p

80-Hg-189m

Radionuclide Production Cross Section



14

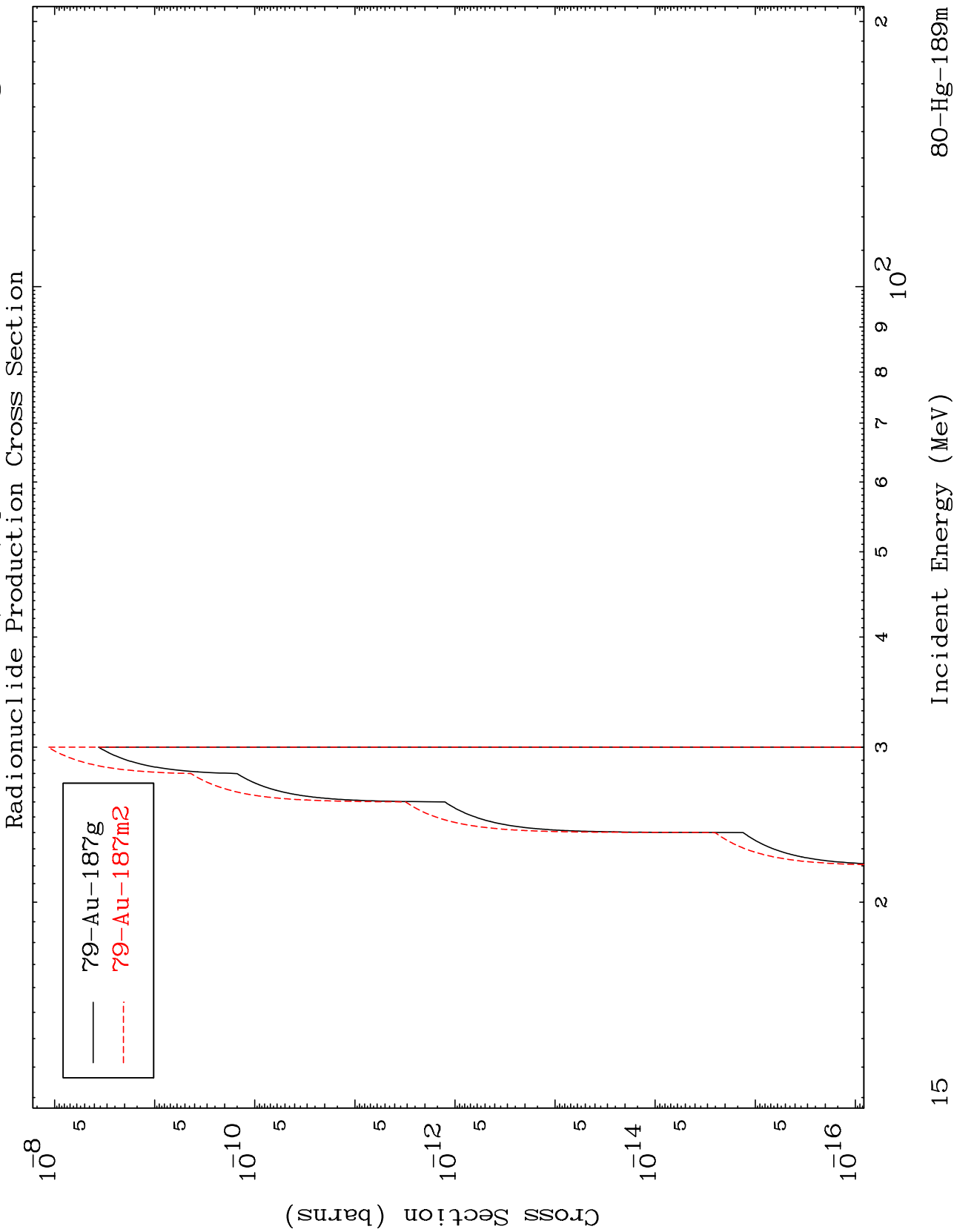
Incident Energy (MeV)

80-Hg-189m

MAT 8005

(n,n') p α

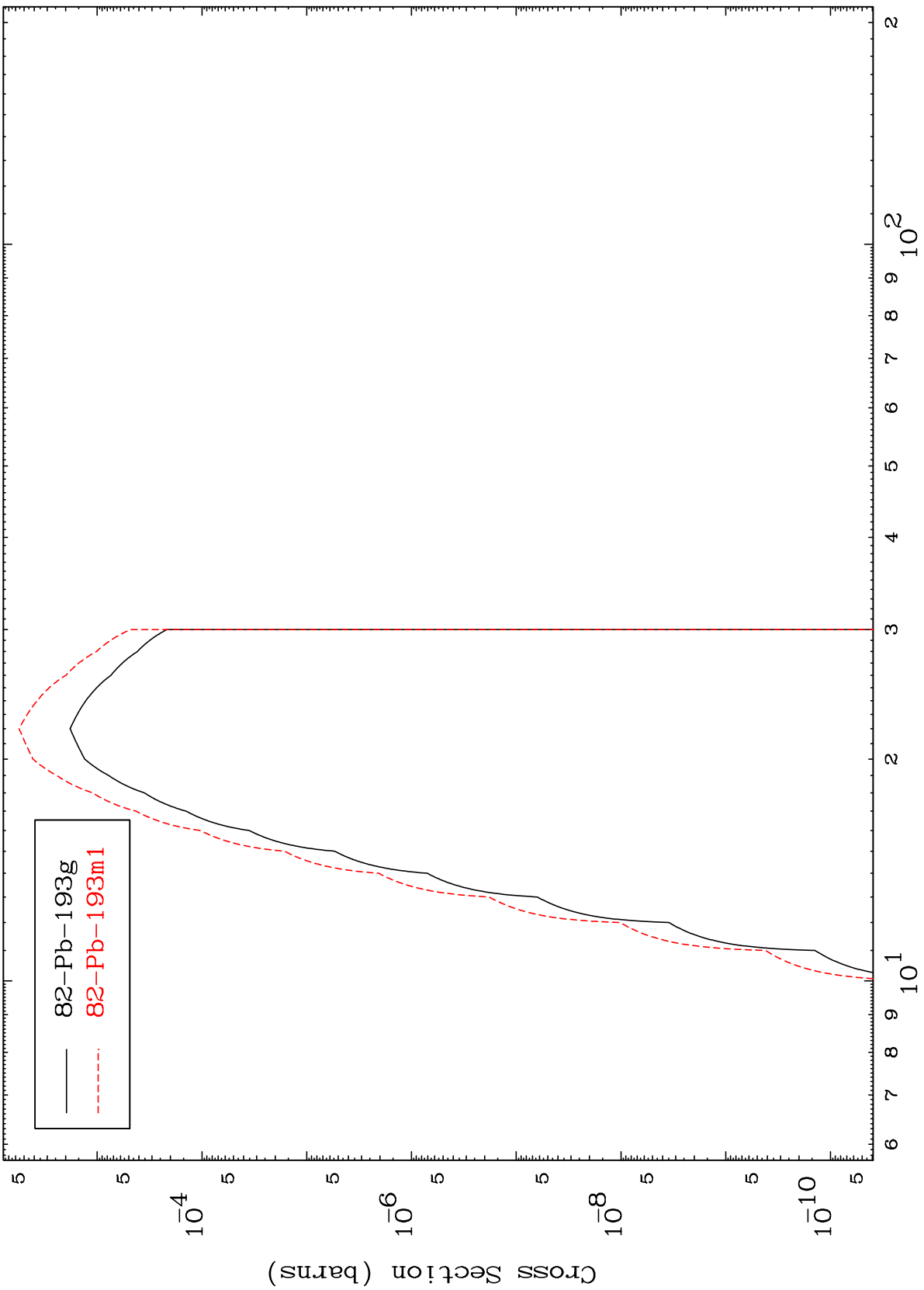
80-Hg-189m



MAT 8005

80-Hg-189m

Radionuclide Production Cross Section



80-Hg-189m

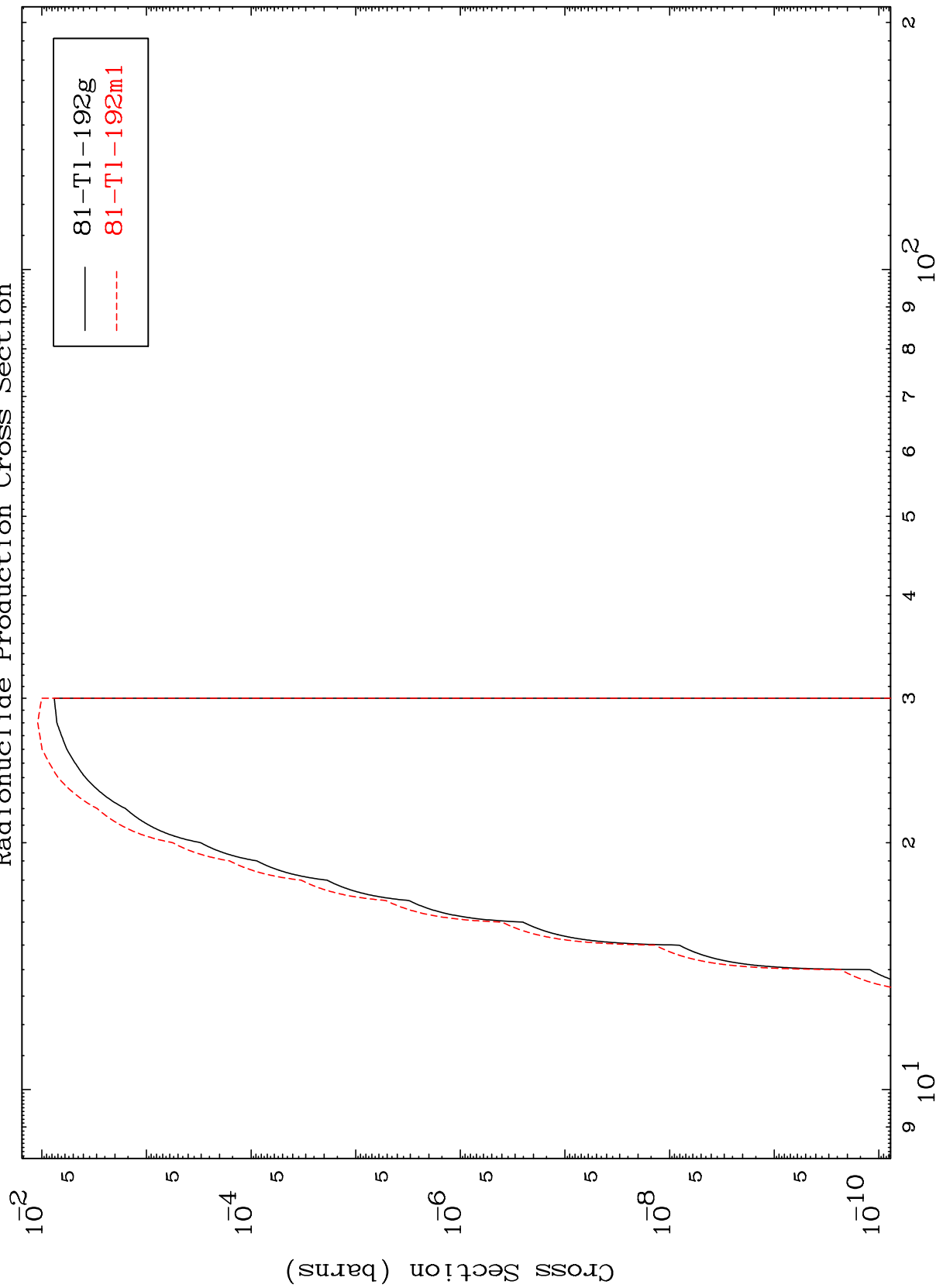
Incident Energy (MeV)

16

MAT 8005

80-Hg-189m

(n,p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

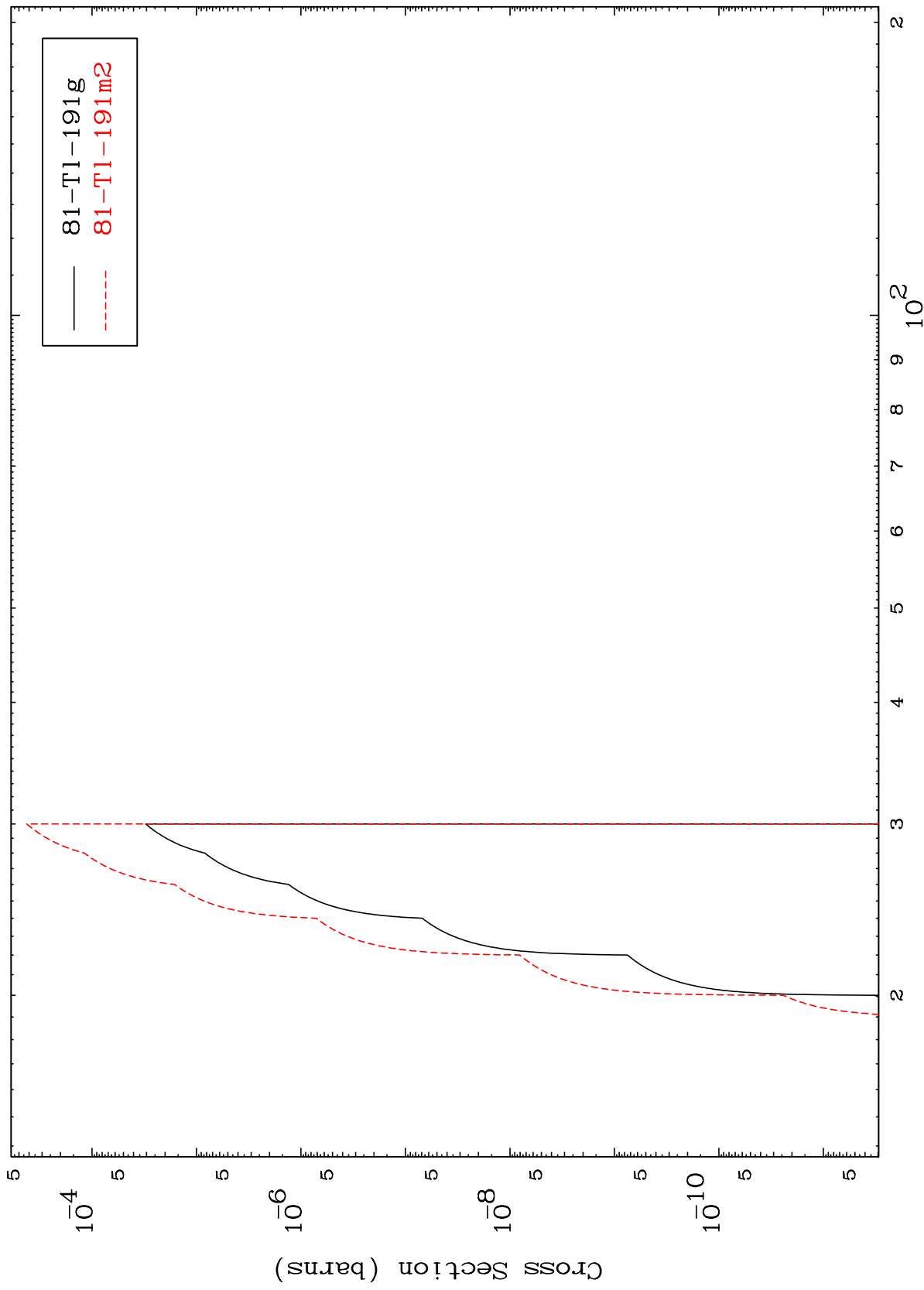
80-Hg-189m

MAT 8005

(n,d)

80-Hg-189m

Radionuclide Production Cross Section



18

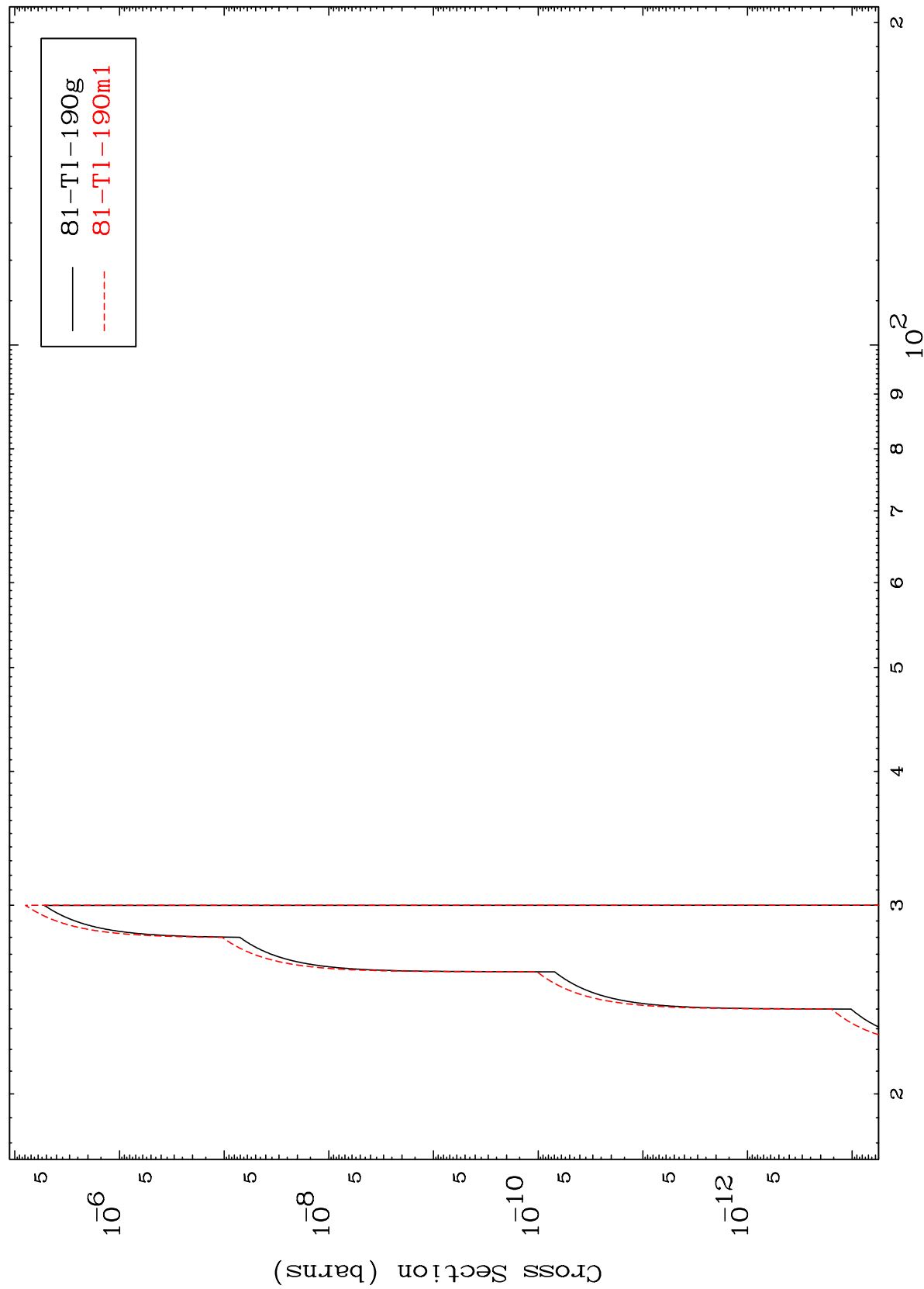
Incident Energy (MeV)

80-Hg-189m

MAT 8005

80-Hg-189m

(n, t)
Radionuclide Production Cross Section



19

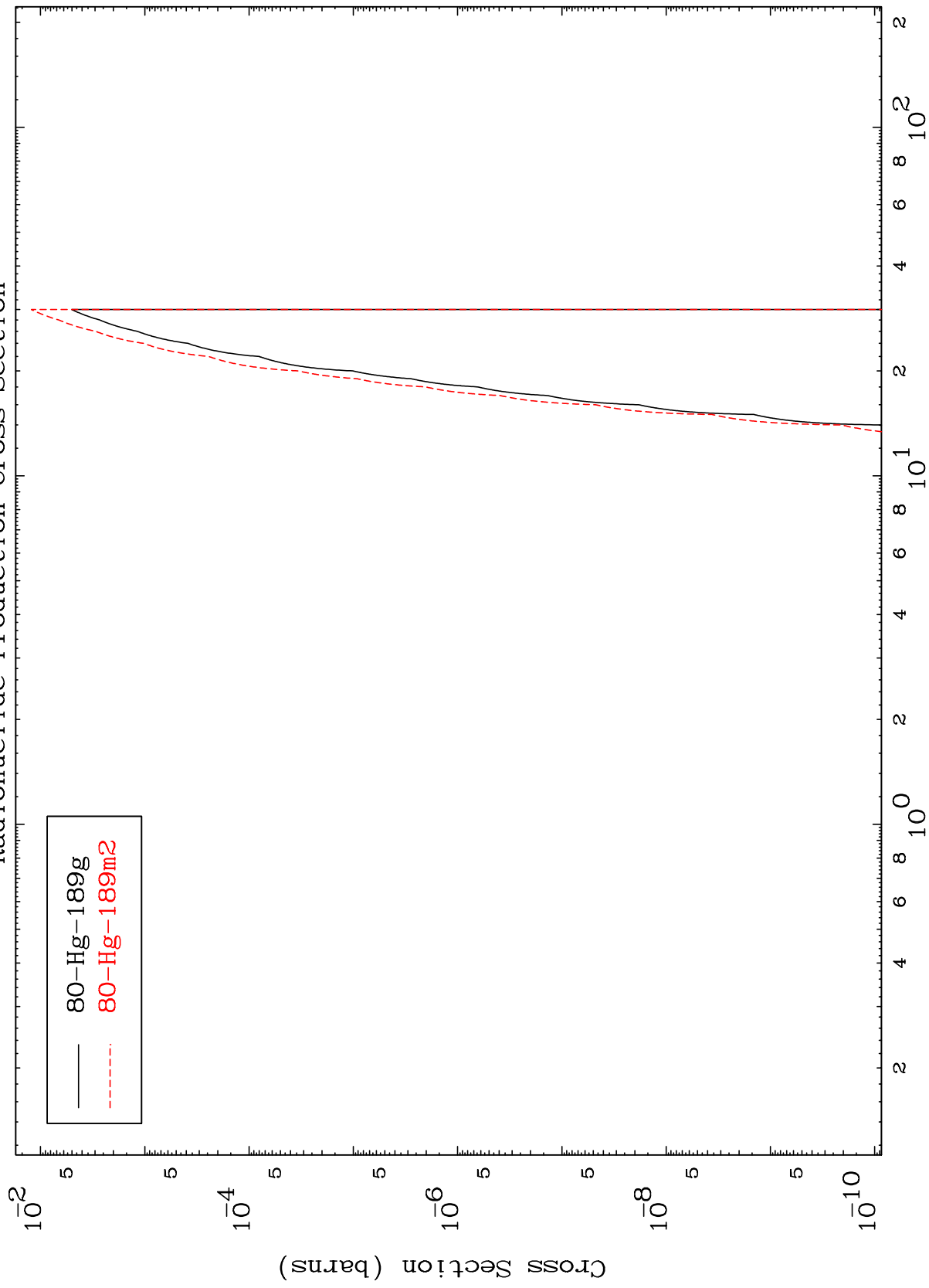
80-Hg-189m

Incident Energy (MeV)

MAT 8005

80-Hg-189m

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-189m

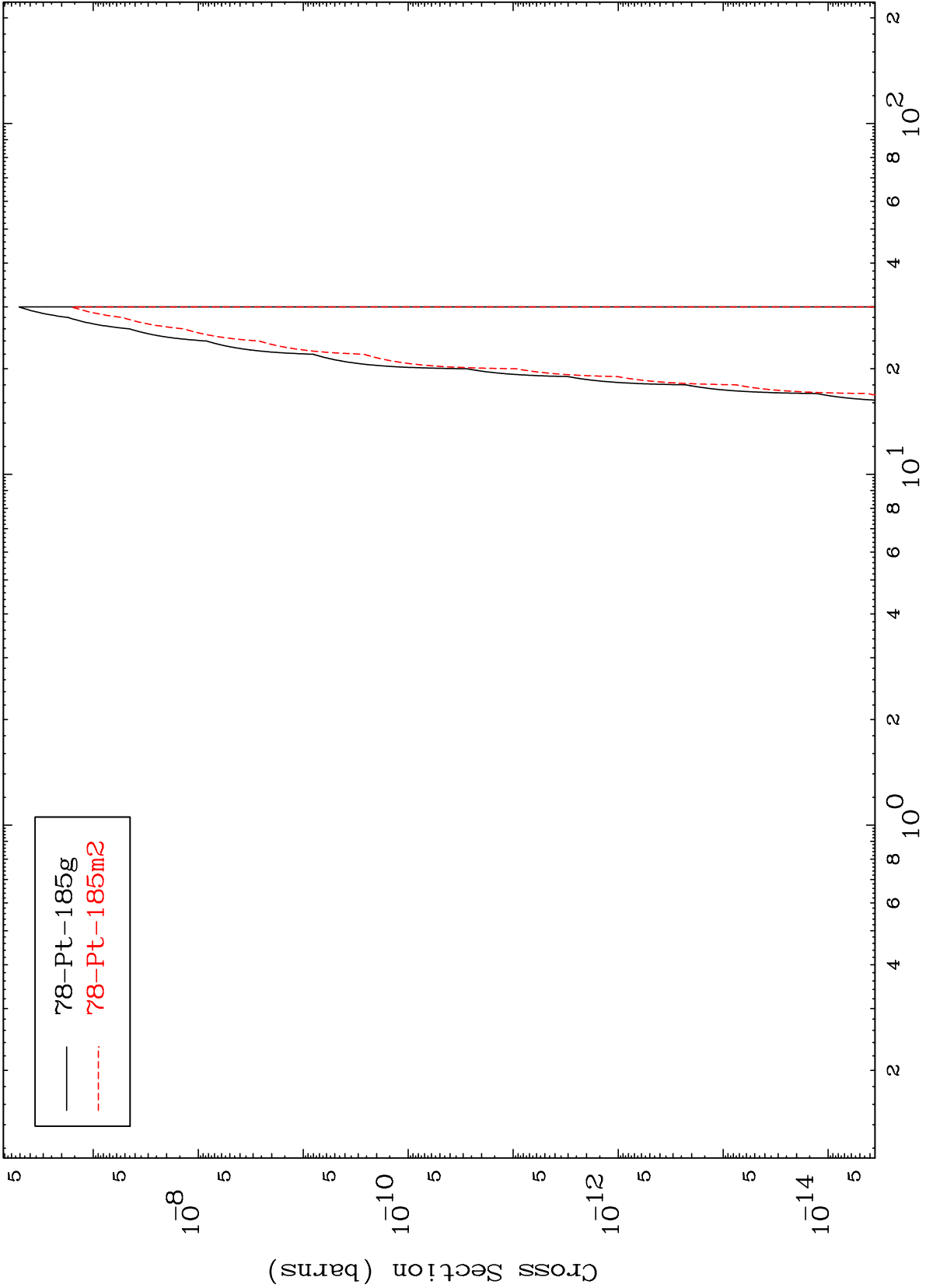
20

MAT 8005

(n,2α)

80-Hg-189m

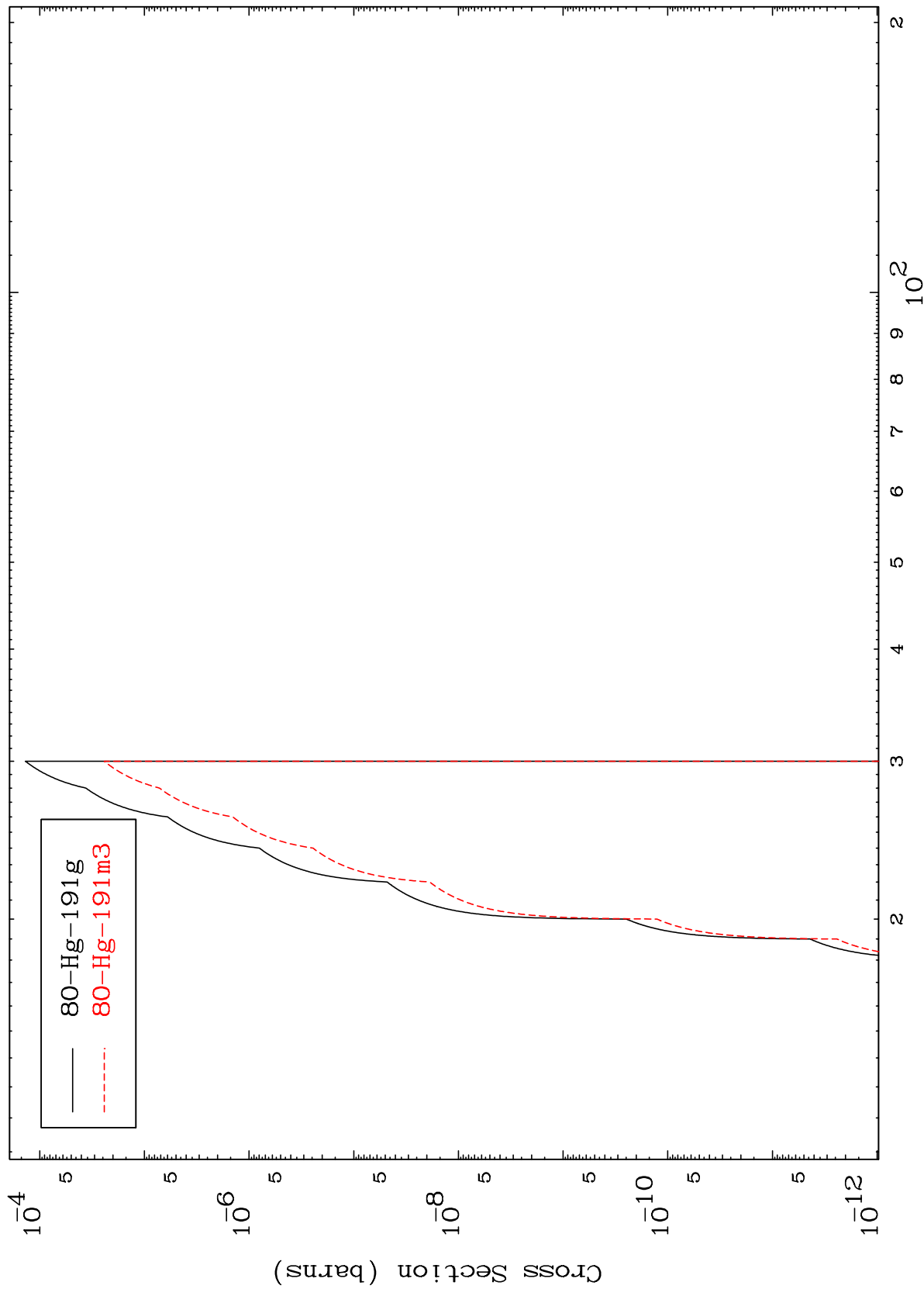
Radionuclide Production Cross Section



MAT 8005

80-Hg-189m

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-189m