

Program EVALPLOT
(Version 2021-1)

by

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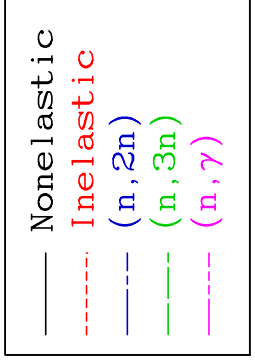
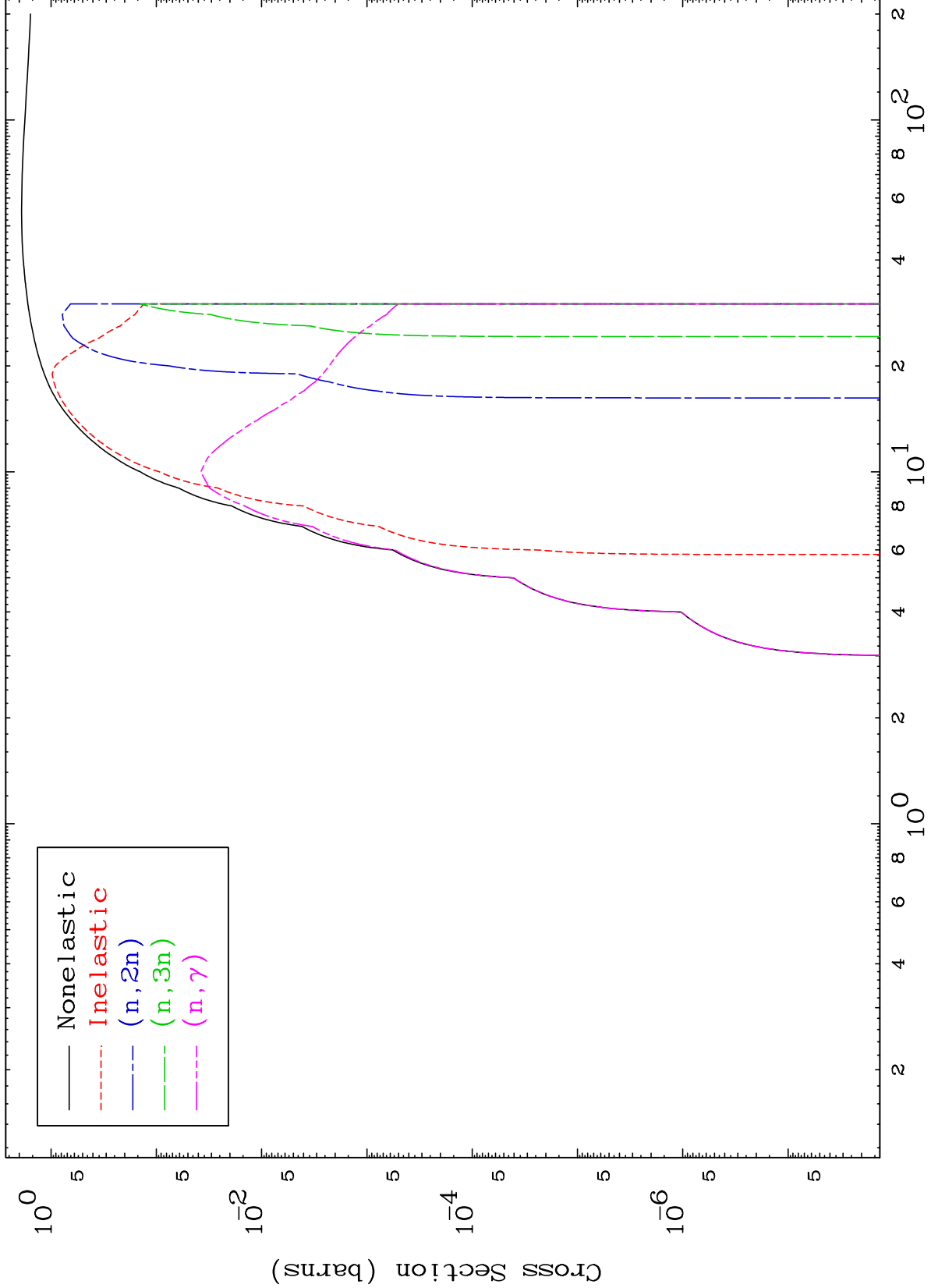
Press Mouse Button to Start

MAT 8004

Proton Major

80-Hg-189

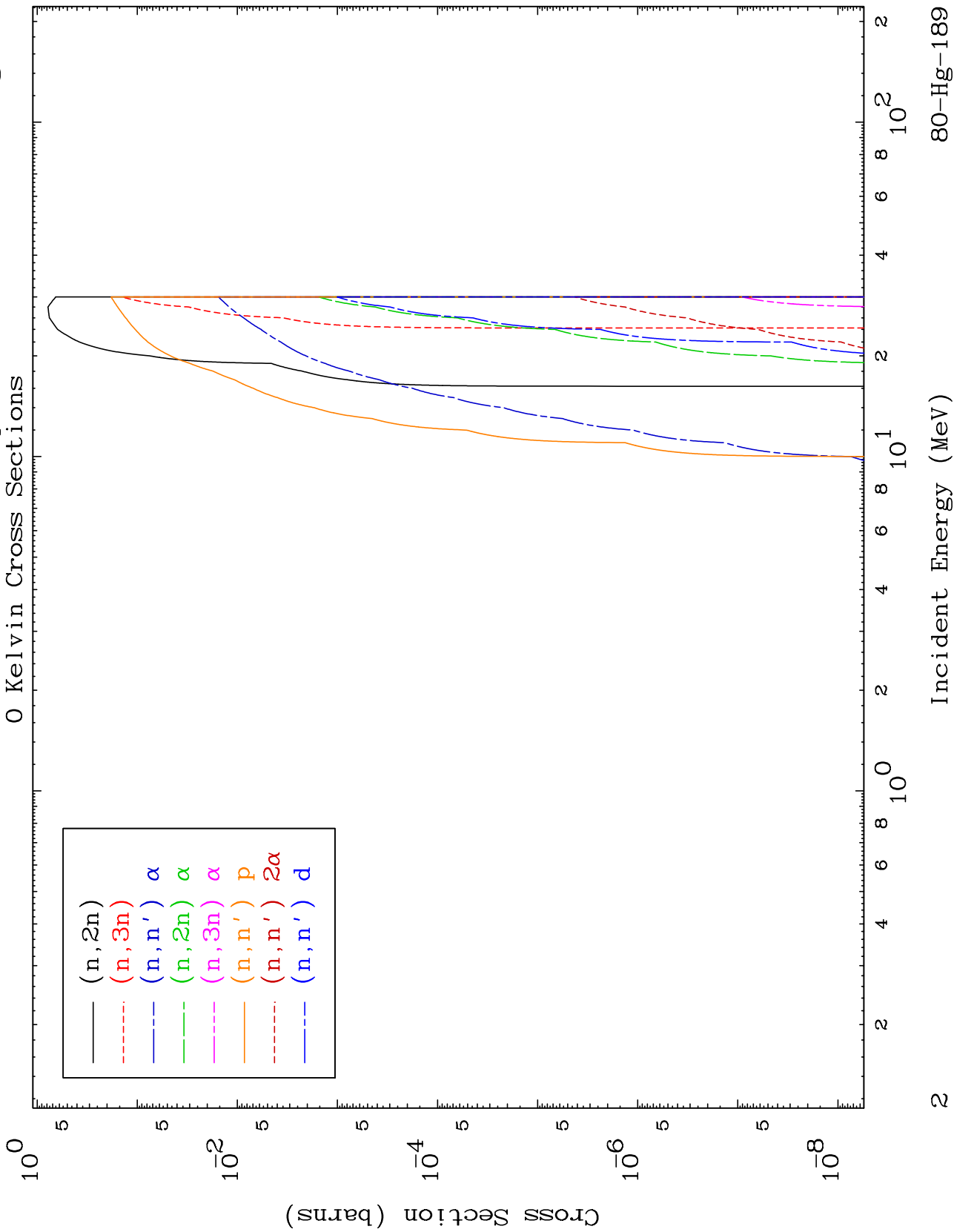
0 Kelvin Cross Sections



MAT 8004

Proton Neutron Absorption
0 Kelvin Cross Sections

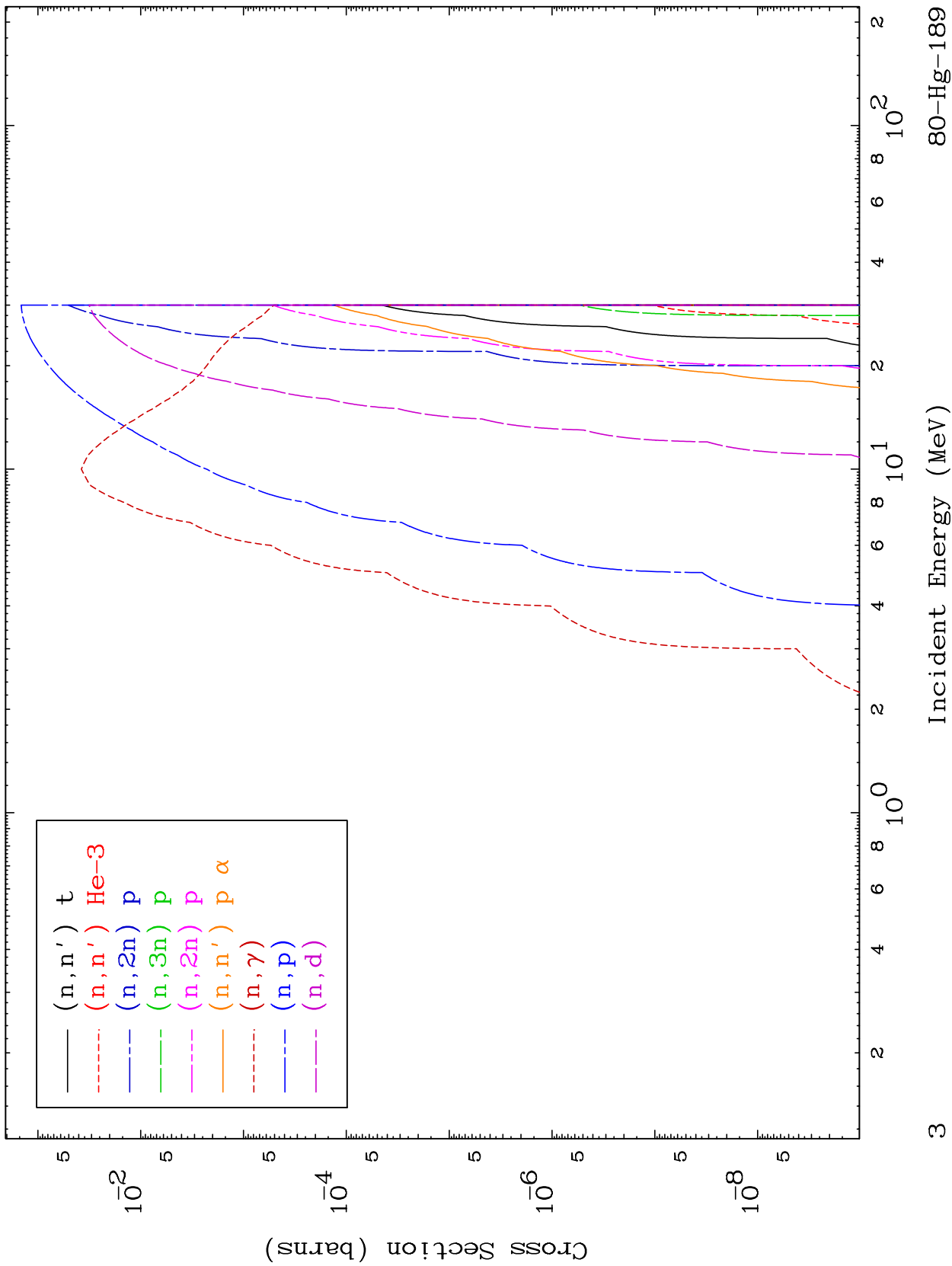
80-Hg-189



MAT 8004

Proton Neutron Absorption
0 Kelvin Cross Sections

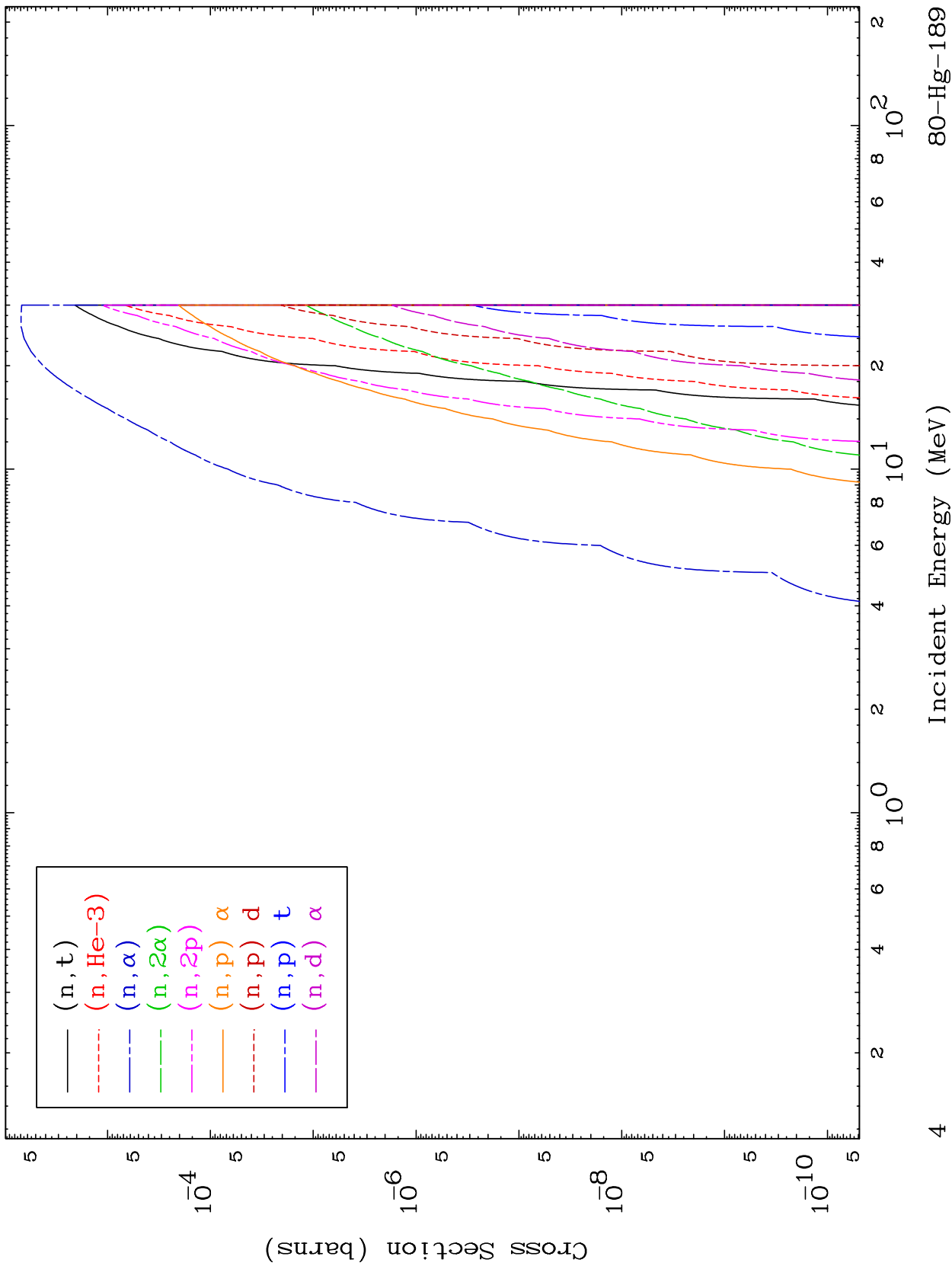
80-Hg-189



MAT 8004

Proton Neutron Absorption
0 Kelvin Cross Sections

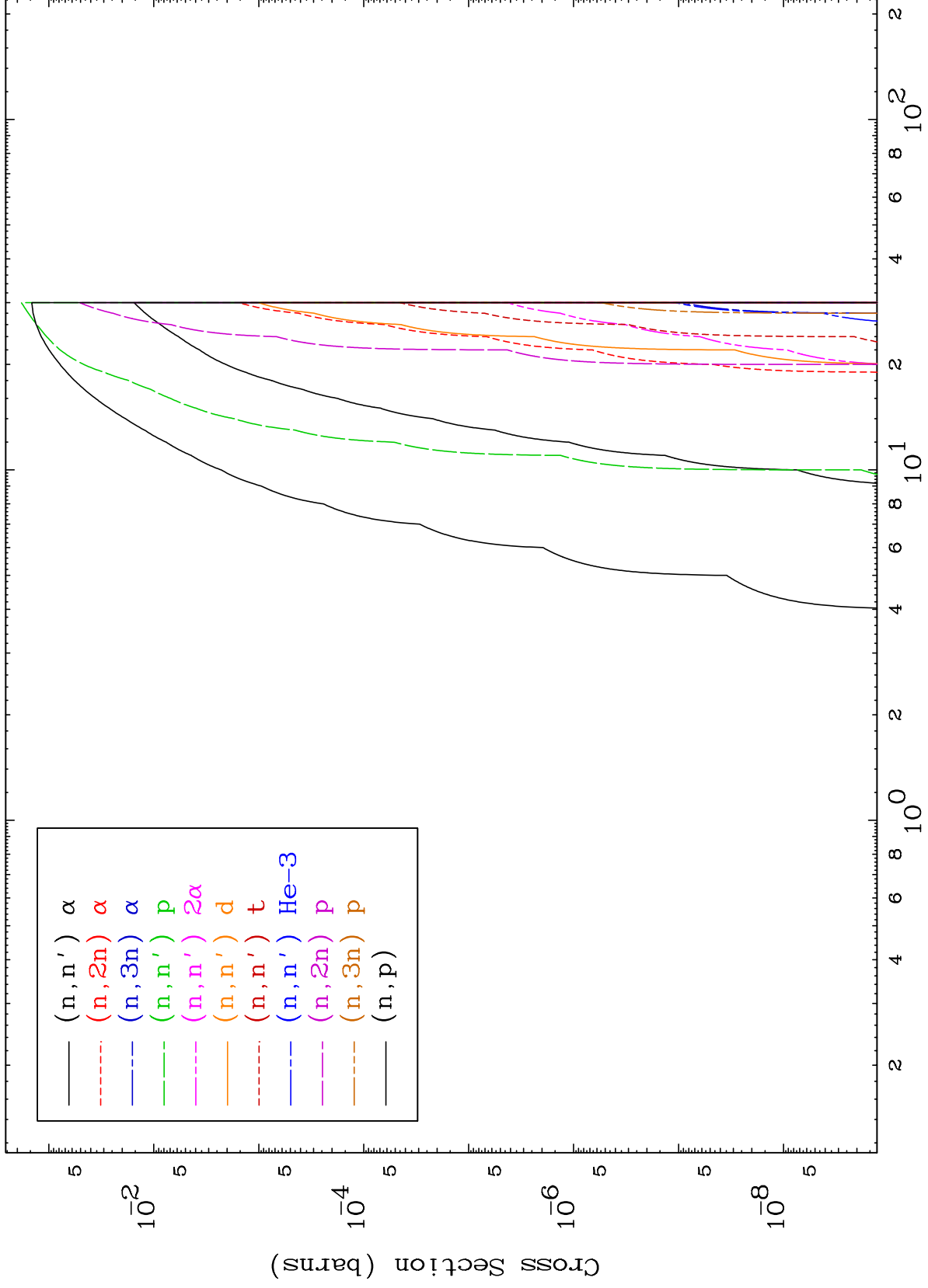
80-Hg-189



MAT 8004

Proton Charged Particle
0 Kelvin Cross Sections

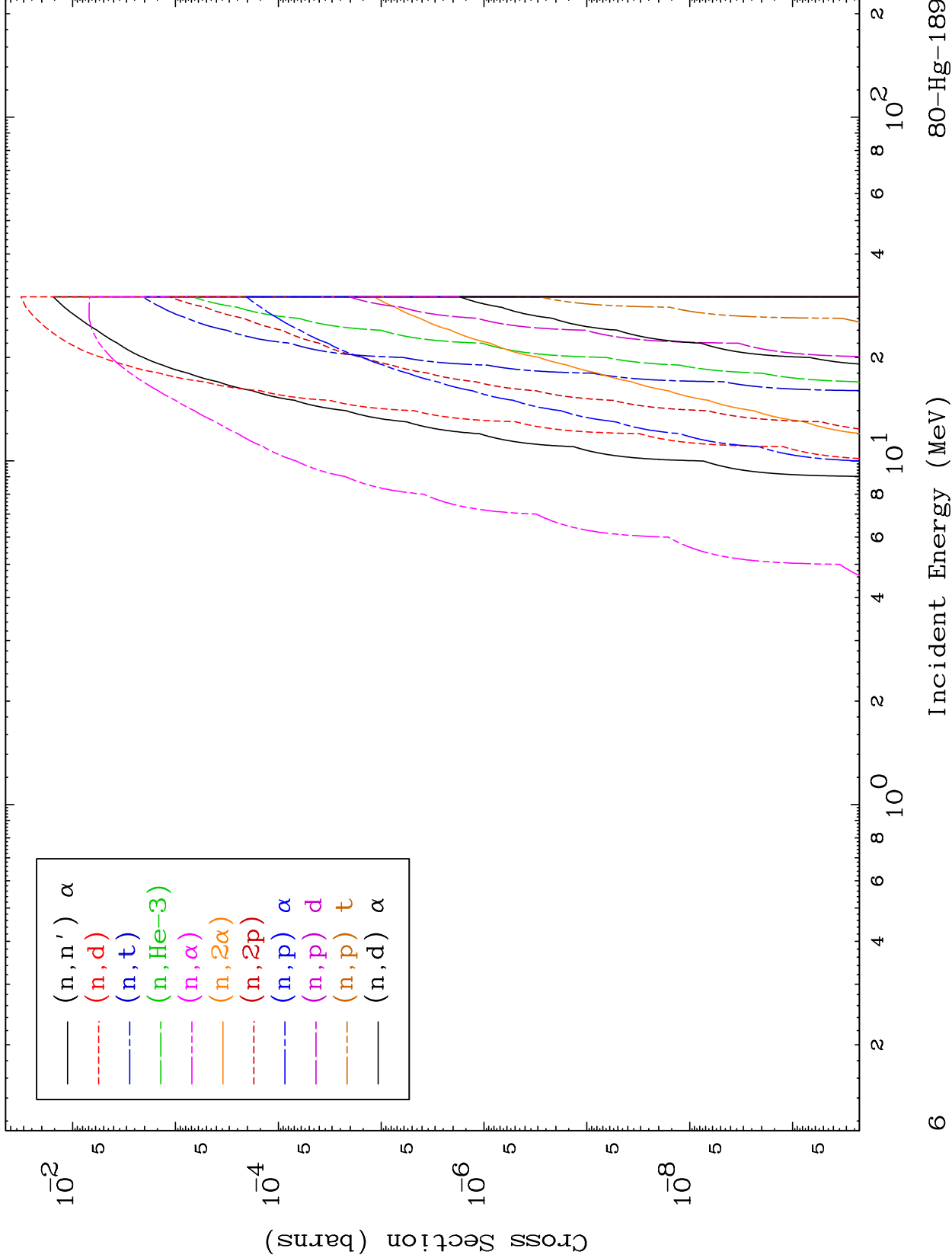
80-Hg-189



MAT 8004

Proton Charged Particle
0 Kelvin Cross Sections

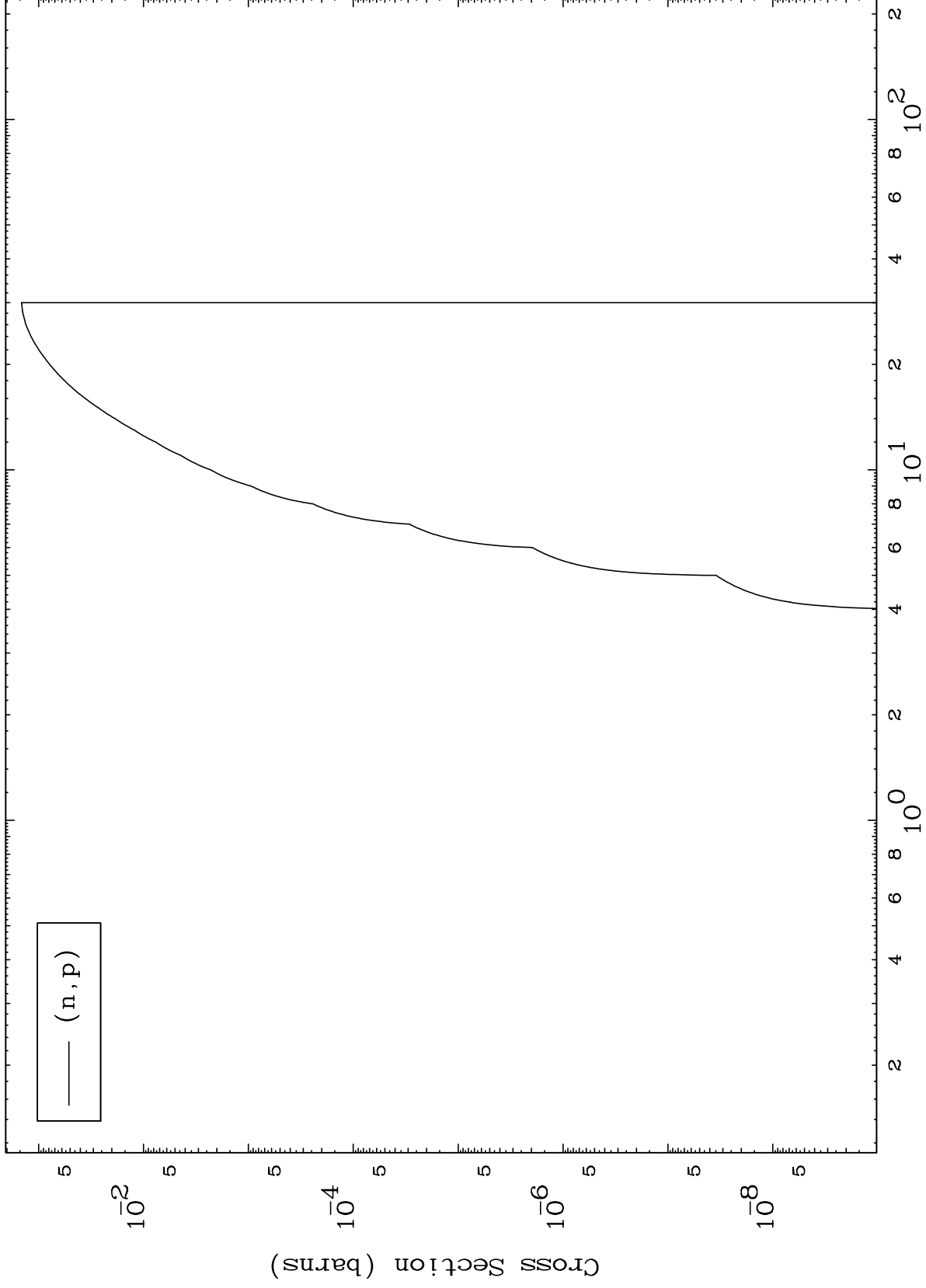
80-Hg-189



MAT 8004

(p,p) Levels
0 Kelvin Cross Sections

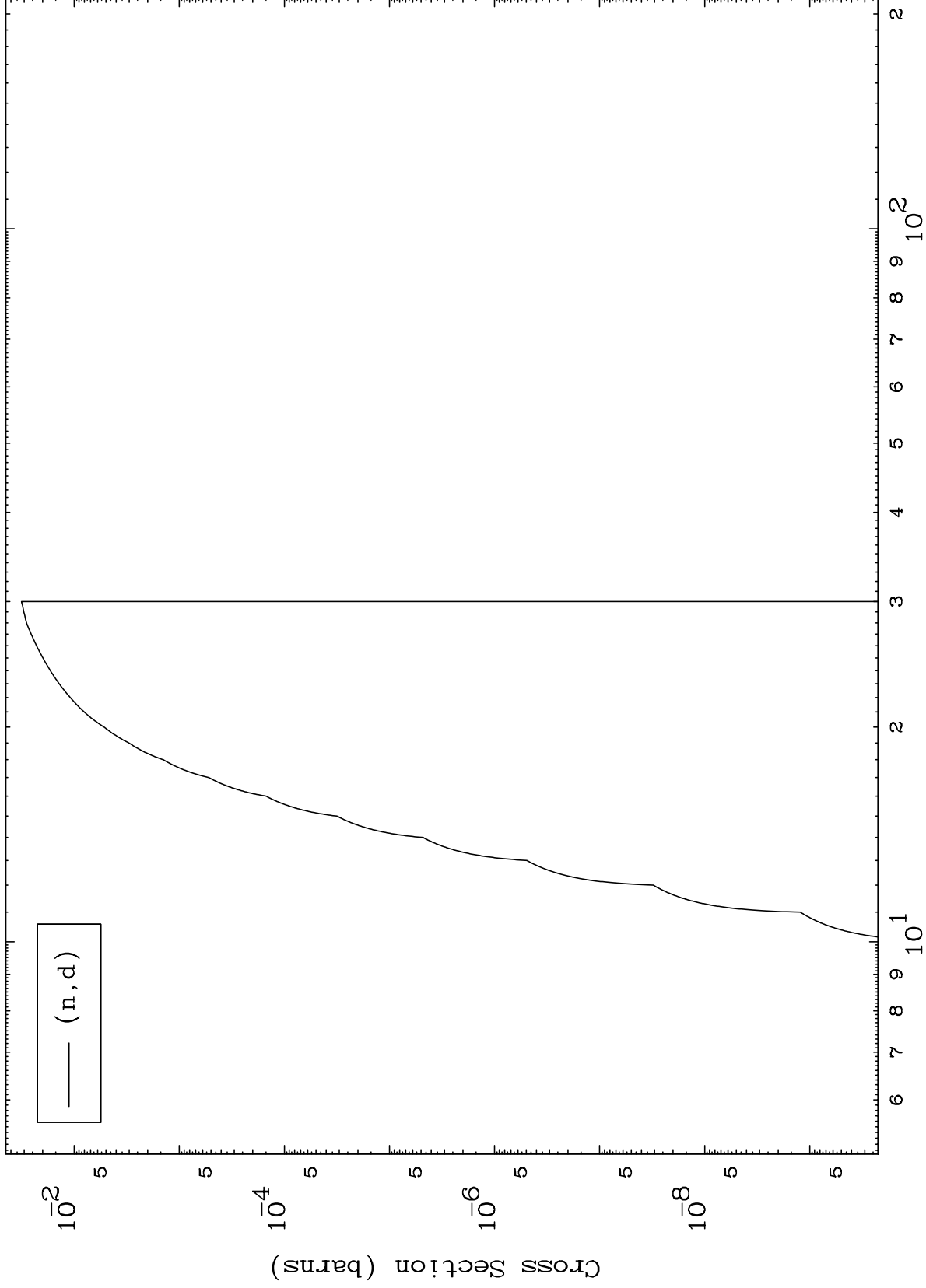
80-Hg-189



MAT 8004

(p,d) Levels
0 Kelvin Cross Sections

80-Hg-189



8

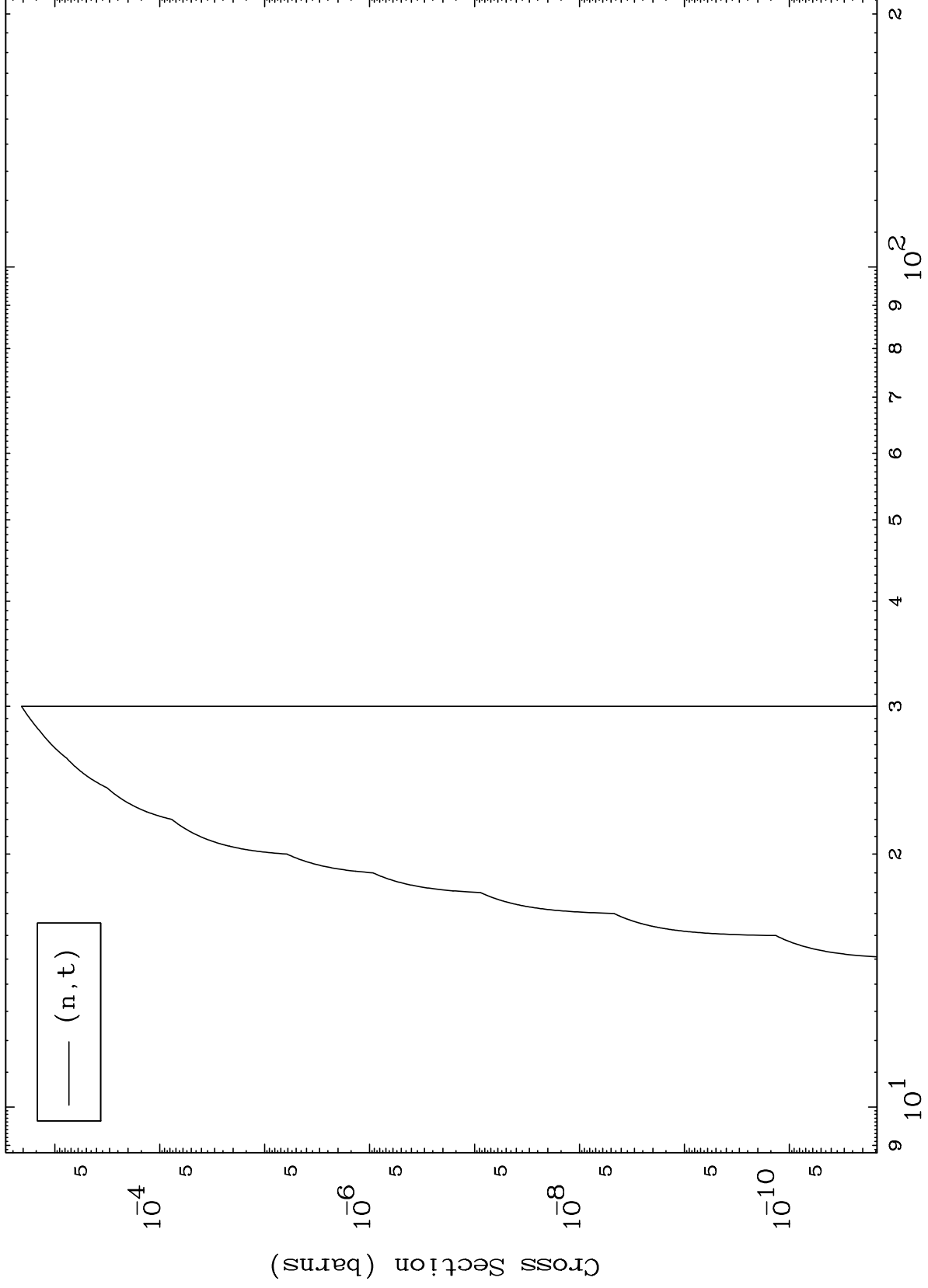
Incident Energy (MeV)

80-Hg-189

MAT 8004

(p, t) Levels
0 Kelvin Cross Sections

80-Hg-189



(n, t)

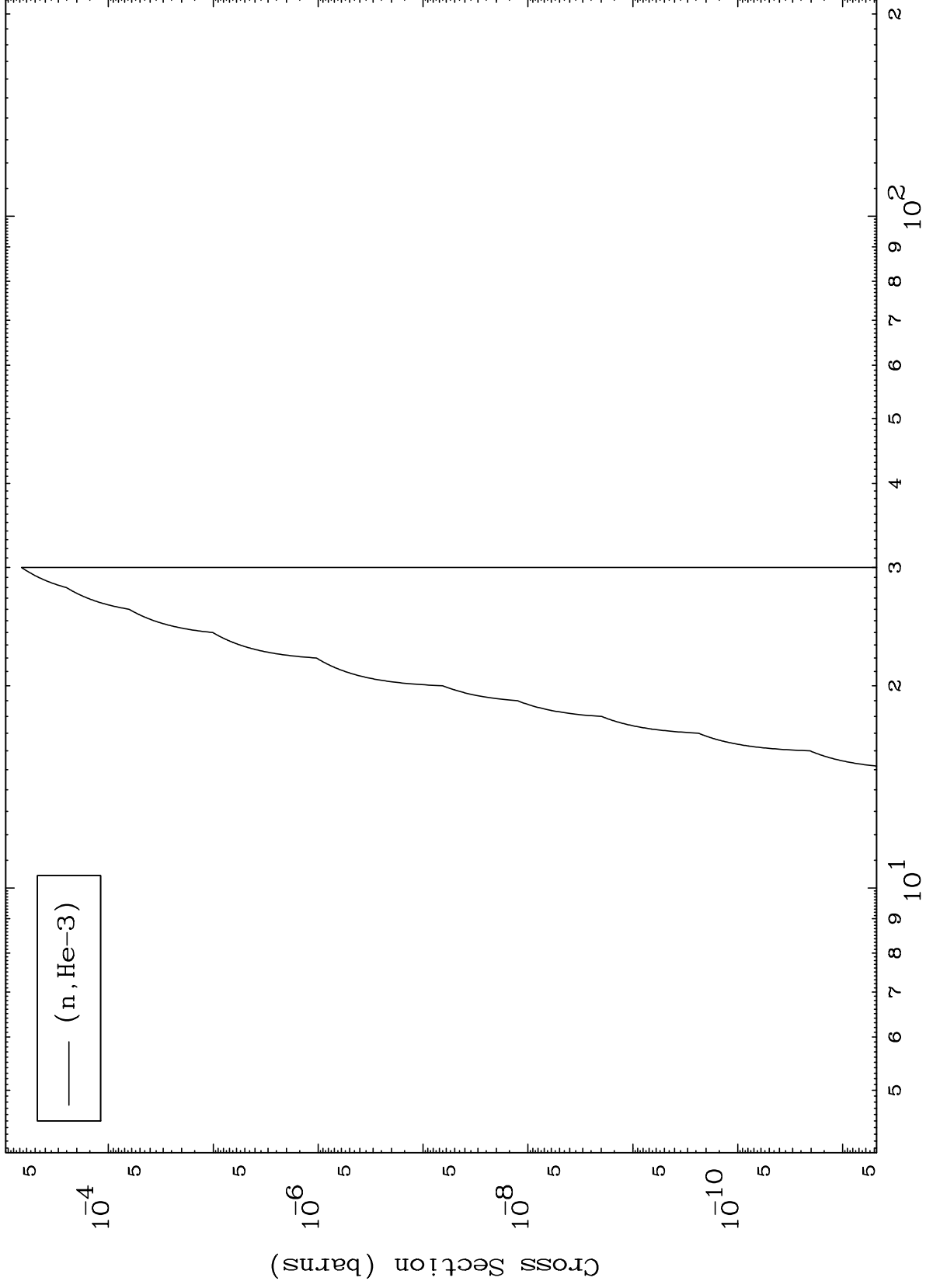
Incident Energy (MeV)

80-Hg-189

MAT 8004

(p,He3) Levels
0 Kelvin Cross Sections

80-Hg-189



10

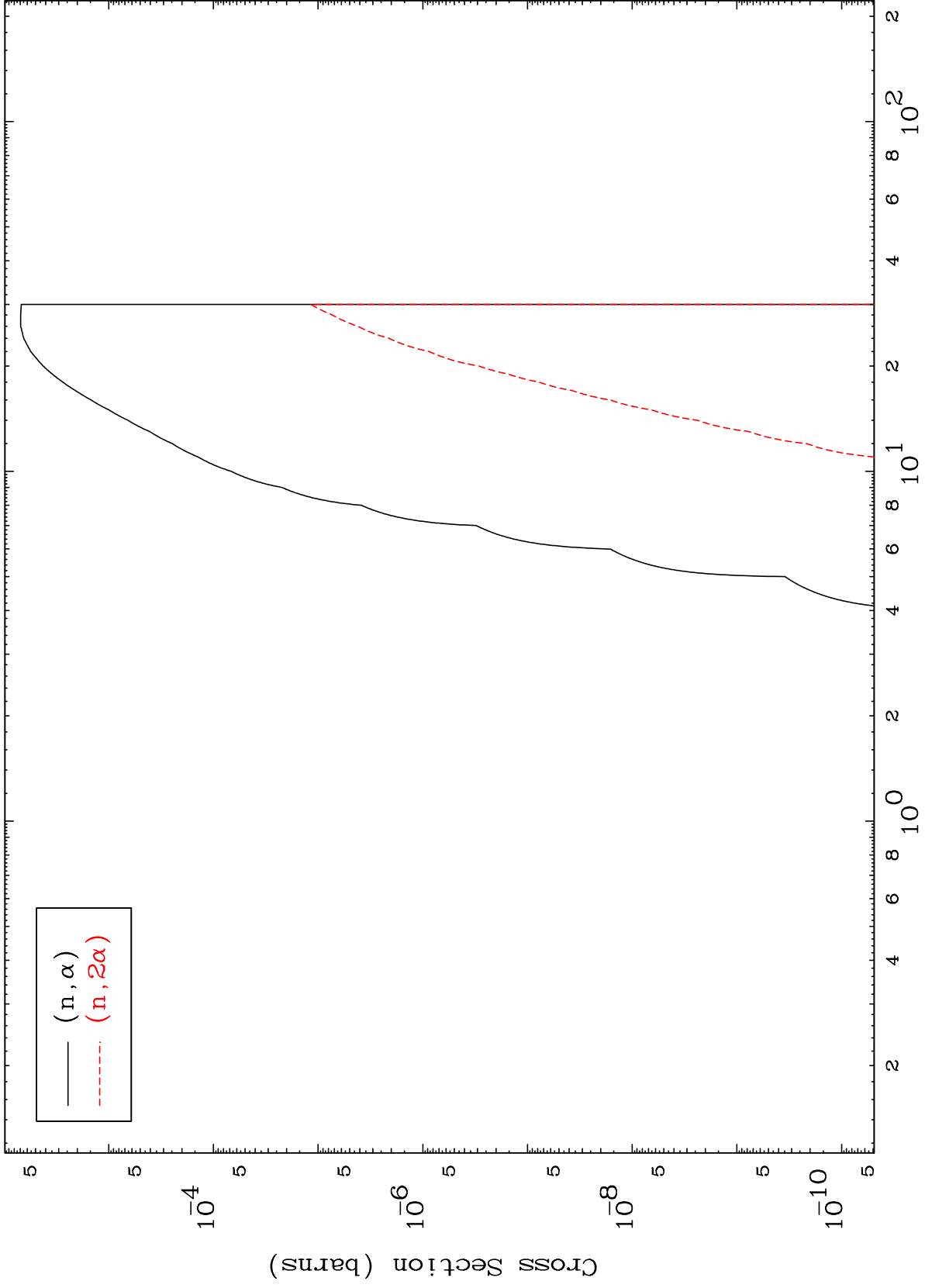
Incident Energy (MeV)

80-Hg-189

MAT 8004

(p, α) Levels
0 Kelvin Cross Sections

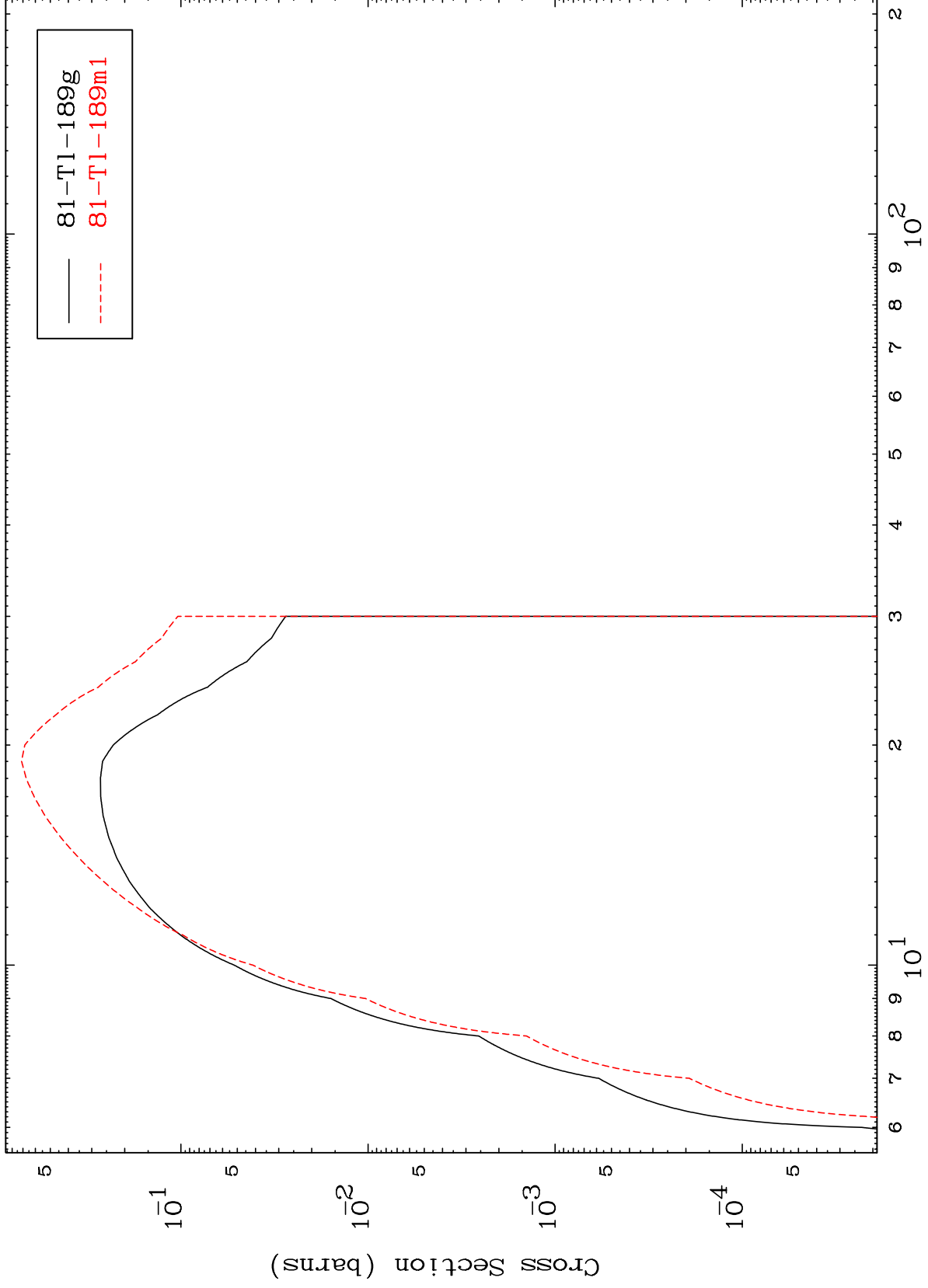
80-Hg-189



MAT 8004

Inelastic
Radionuclide Production Cross Section

80-Hg-189



12

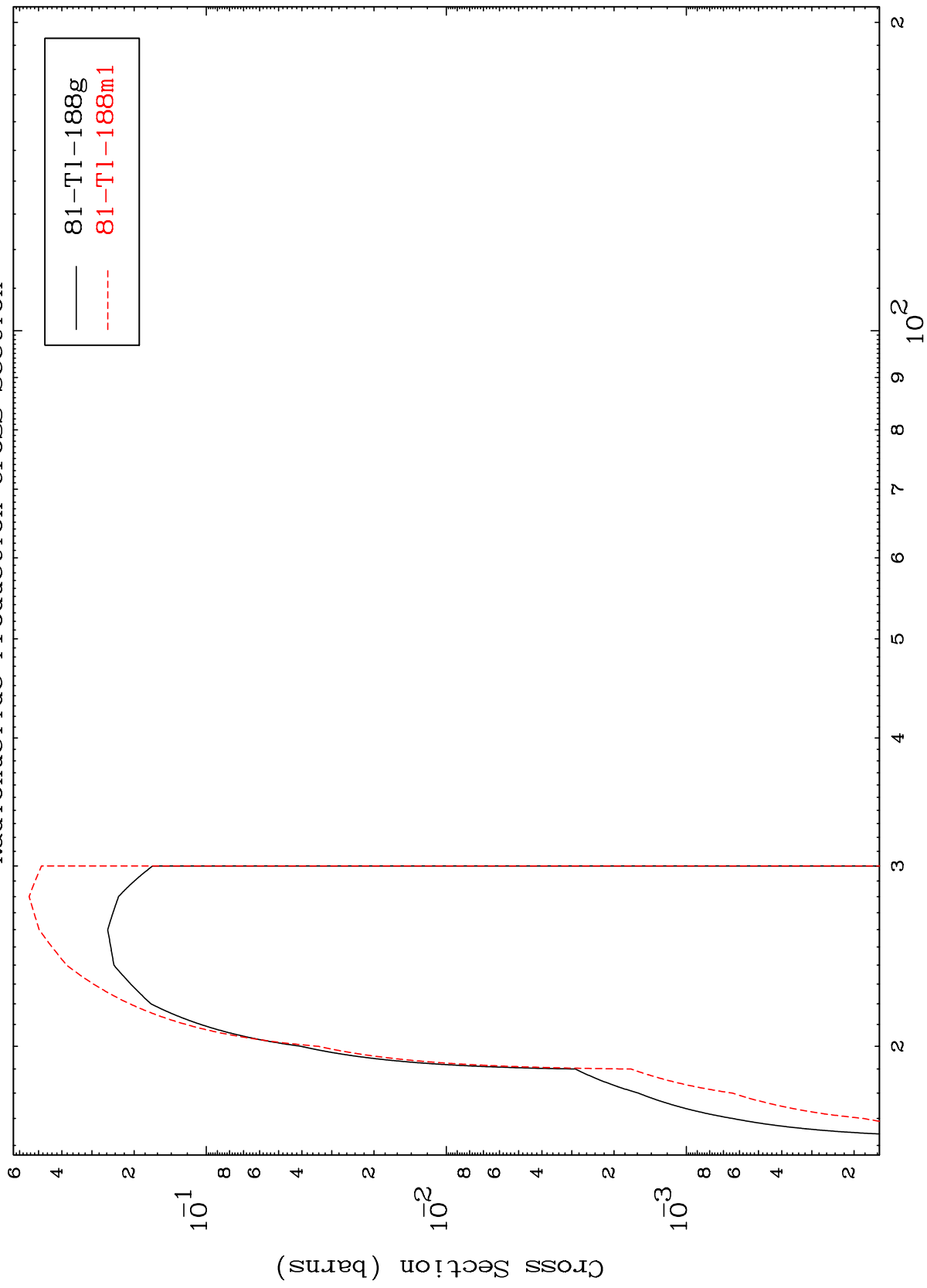
Incident Energy (MeV)

80-Hg-189

MAT 8004

80-Hg-189

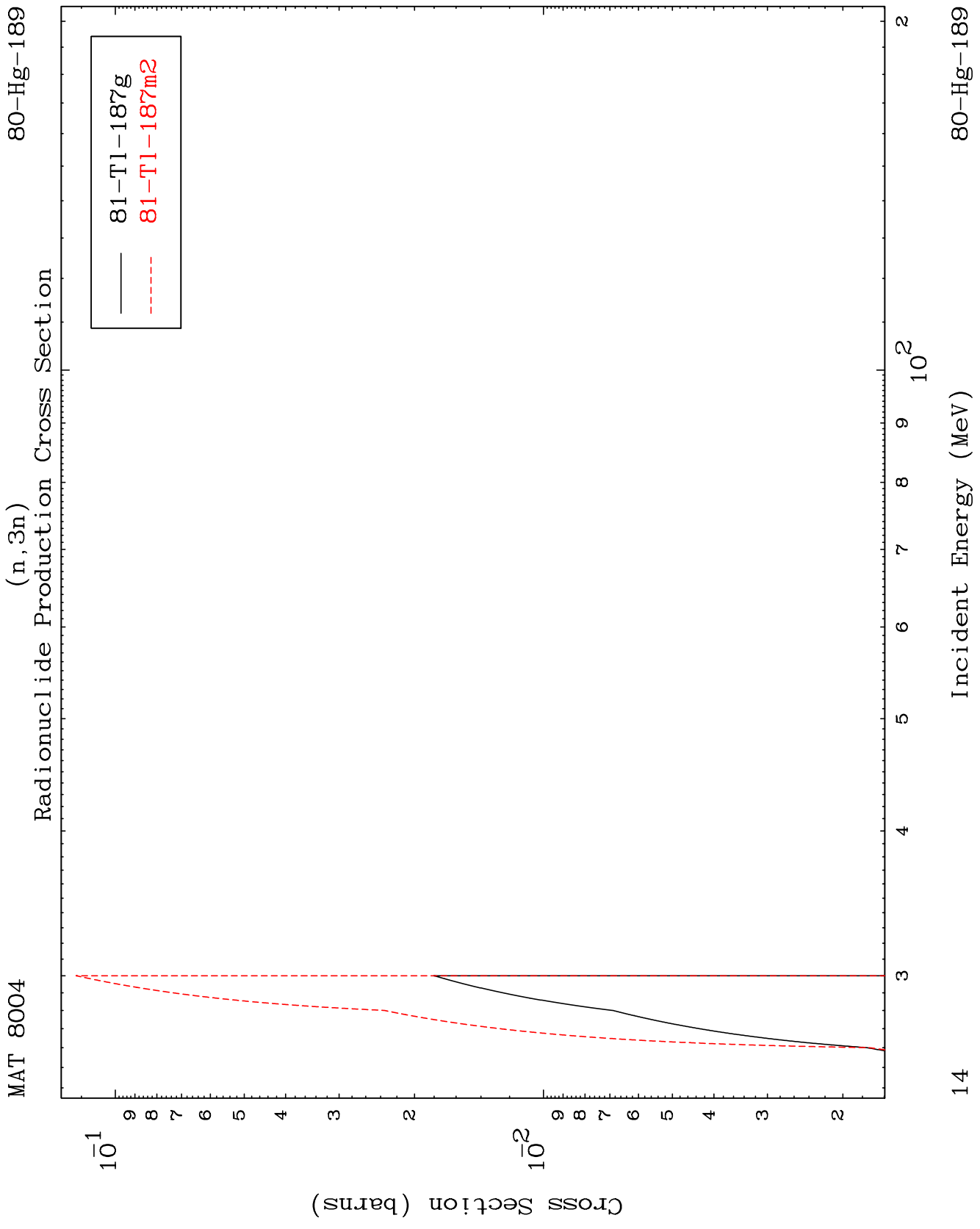
(n,2n)
Radionuclide Production Cross Section



80-Hg-189

Incident Energy (MeV)

13



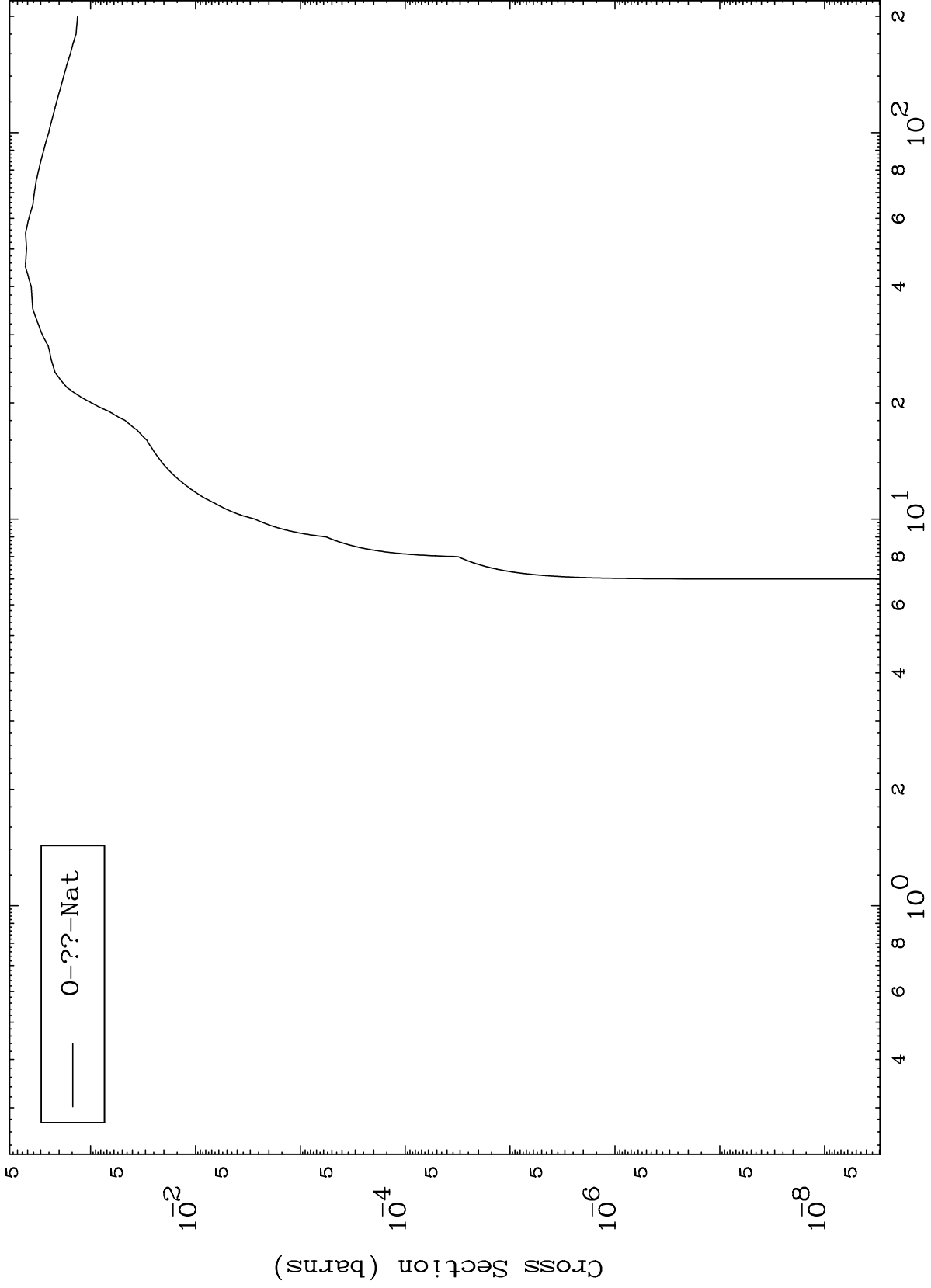
—	81-Tl-187g
- - -	81-Tl-187m2

MAT 8004

Fission

80-Hg-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

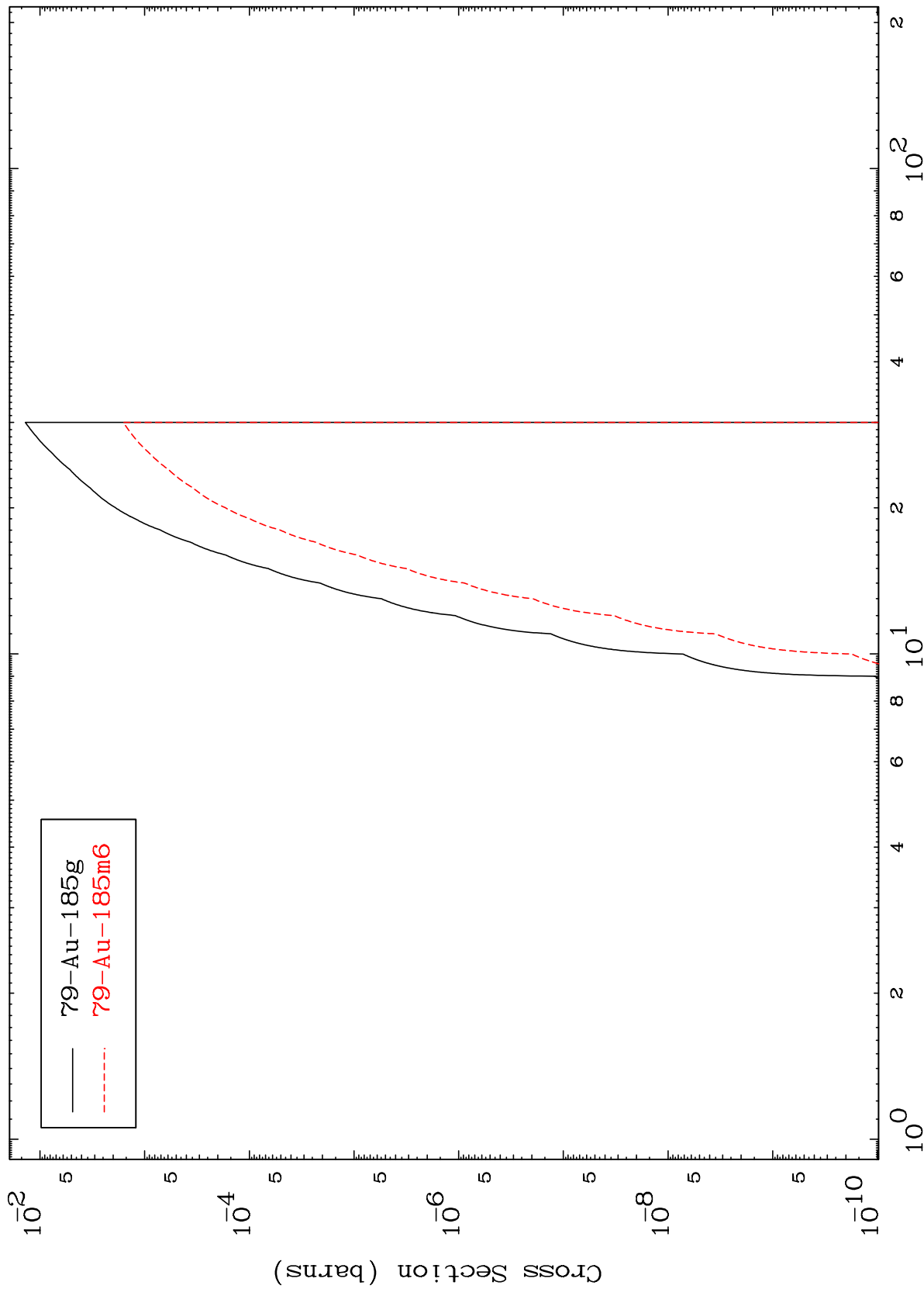
80-Hg-189

MAT 8004

(n,n') α

80-Hg-189

Radionuclide Production Cross Section



Incident Energy (MeV)

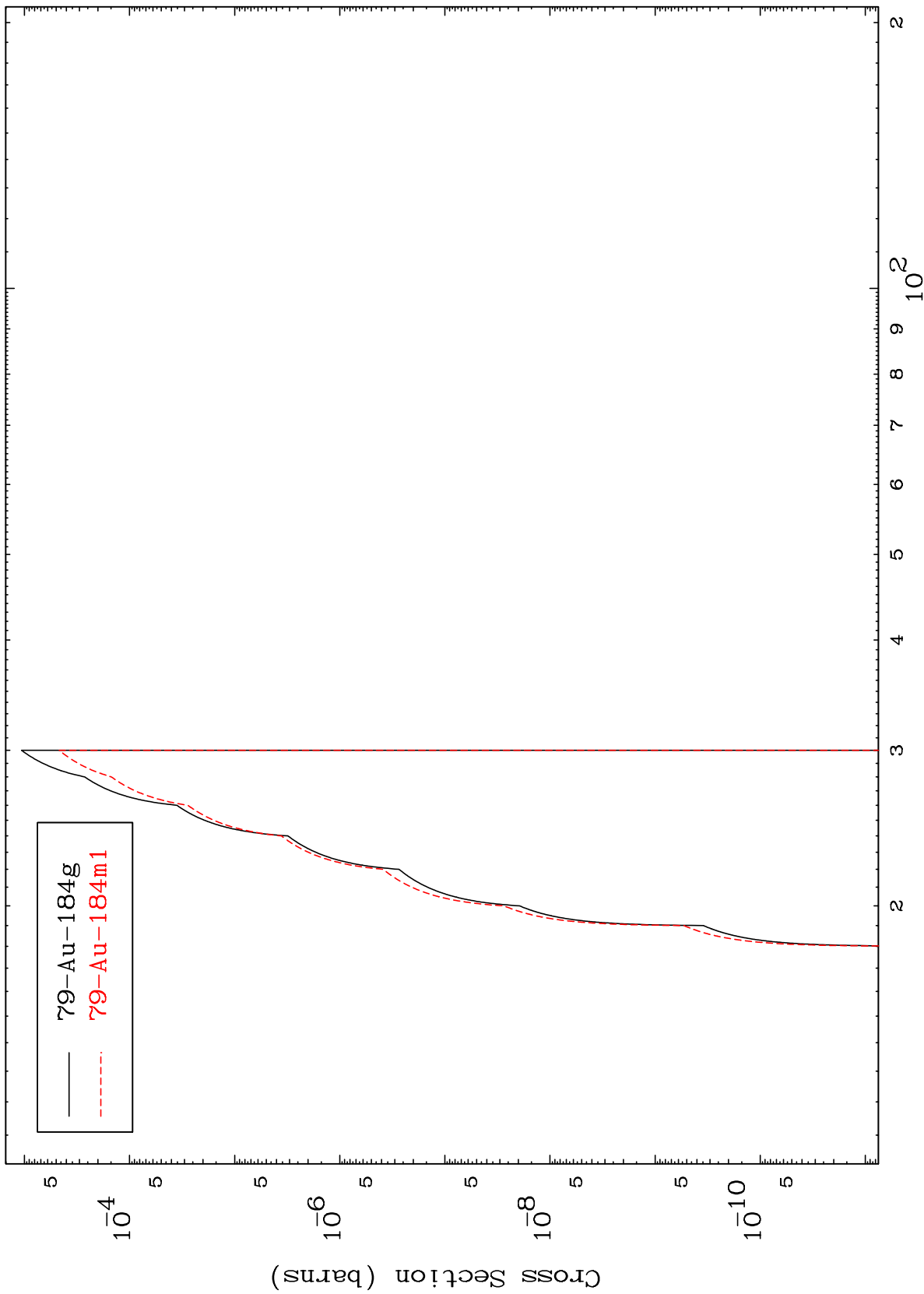
80-Hg-189

MAT 8004

(n,2n) α

80-Hg-189

Radionuclide Production Cross Section

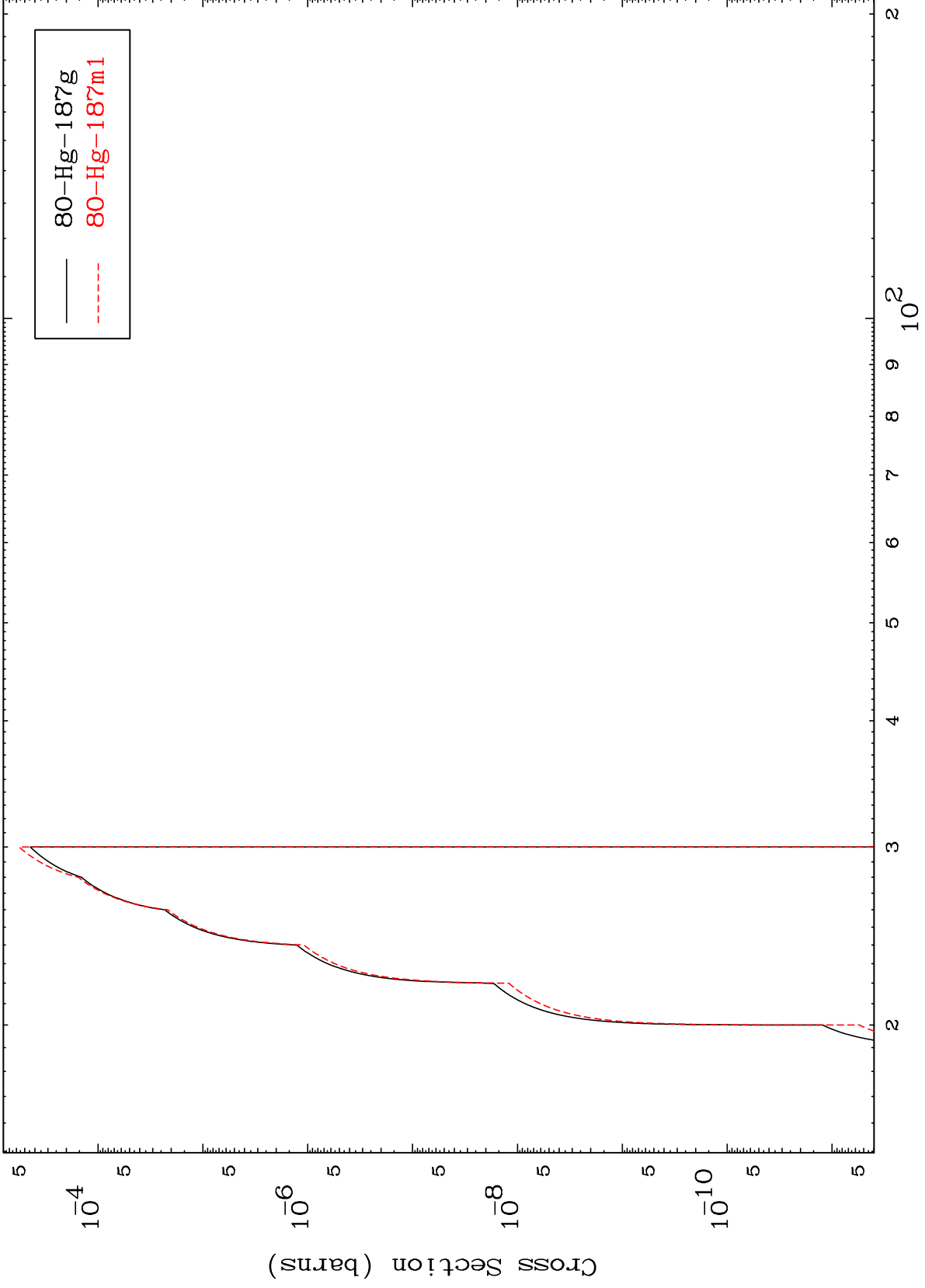


MAT 8004

(n,n') d

80-Hg-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

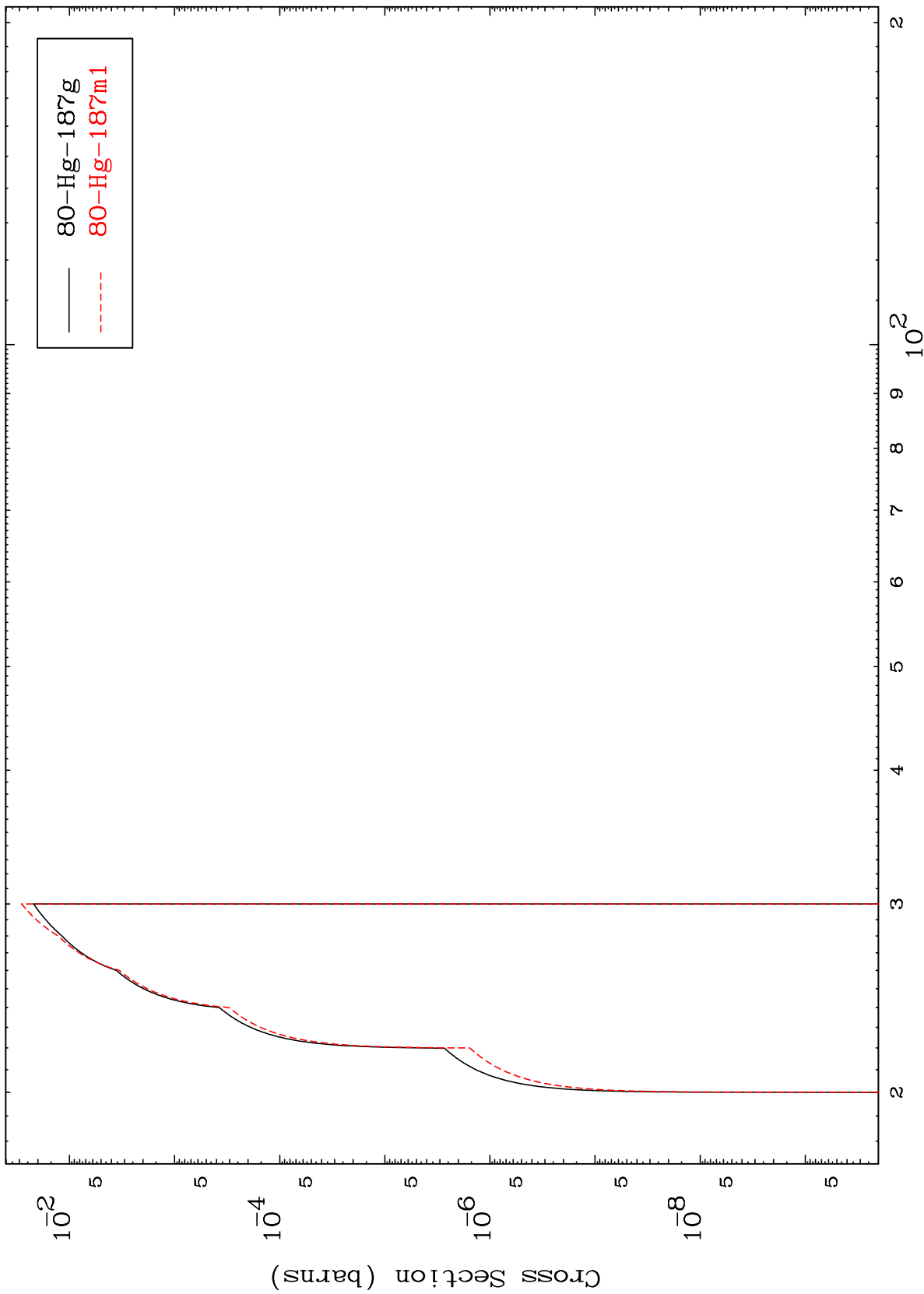
80-Hg-189

MAT 8004

(n,2n) p

80-Hg-189

Radionuclide Production Cross Section



19

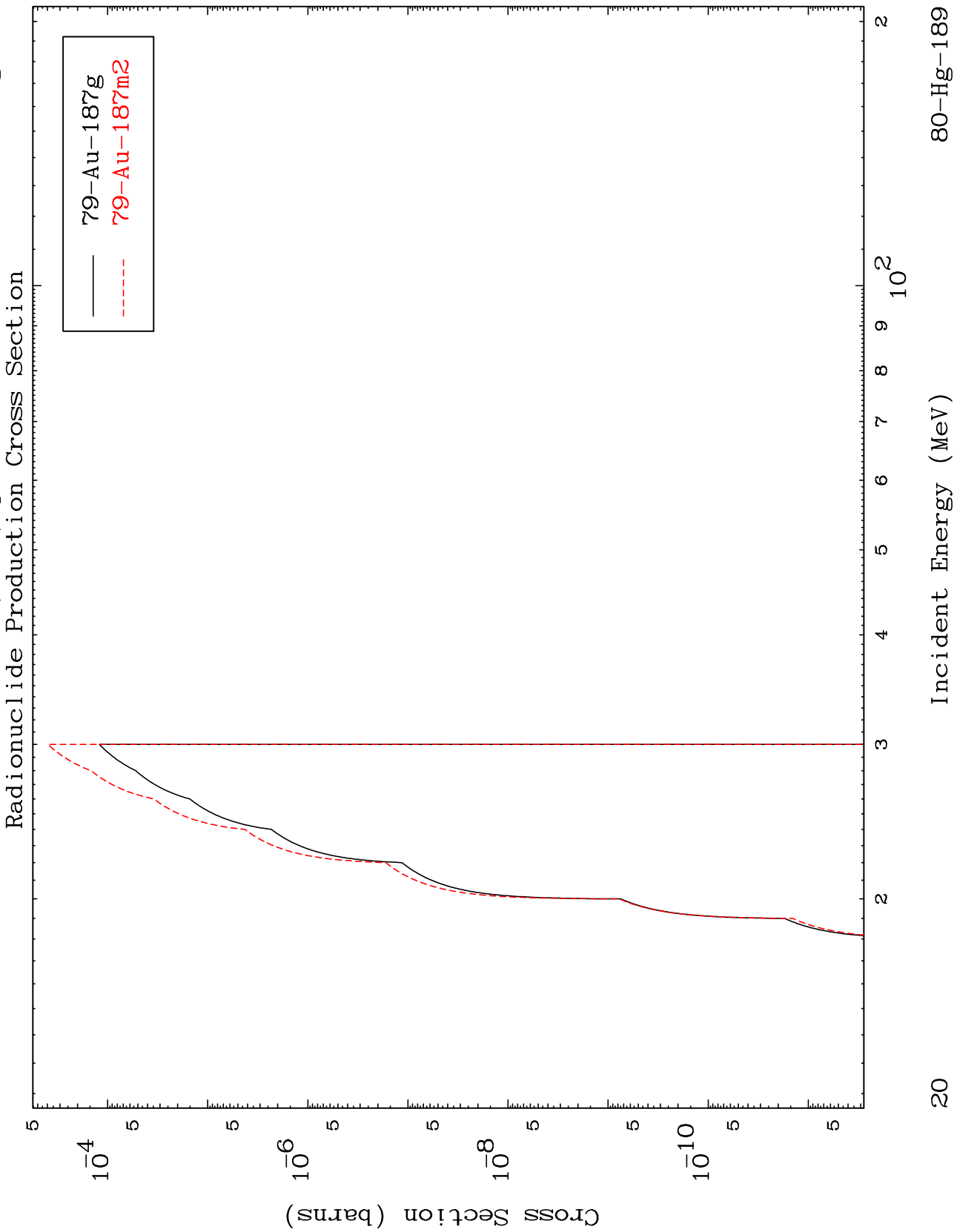
Incident Energy (MeV)

80-Hg-189

MAT 8004

(n,2n) p

80-Hg-189



20

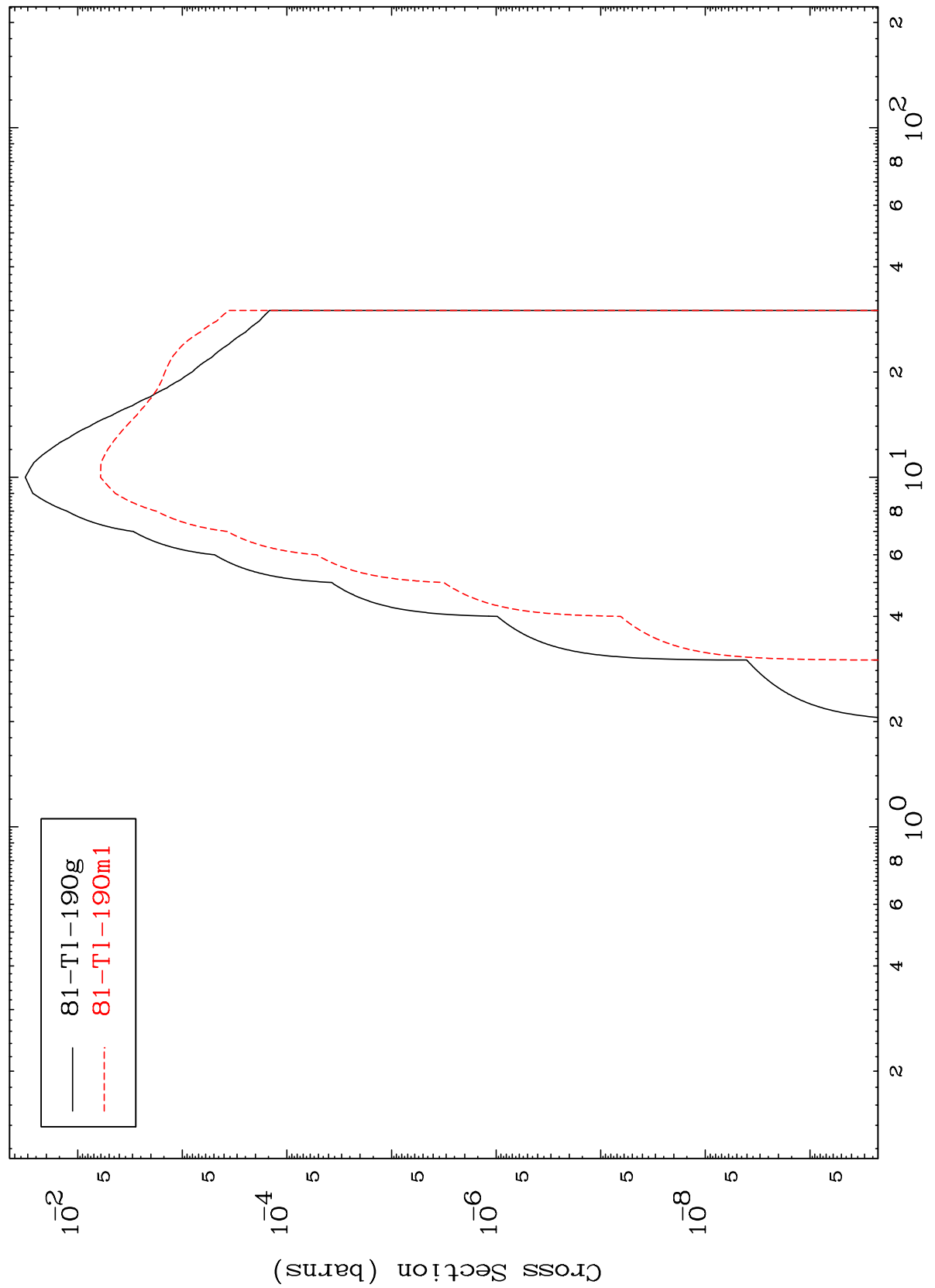
80-Hg-189

80-Hg-189

MAT 8004

80-Hg-189

(n, γ)
Radionuclide Production Cross Section



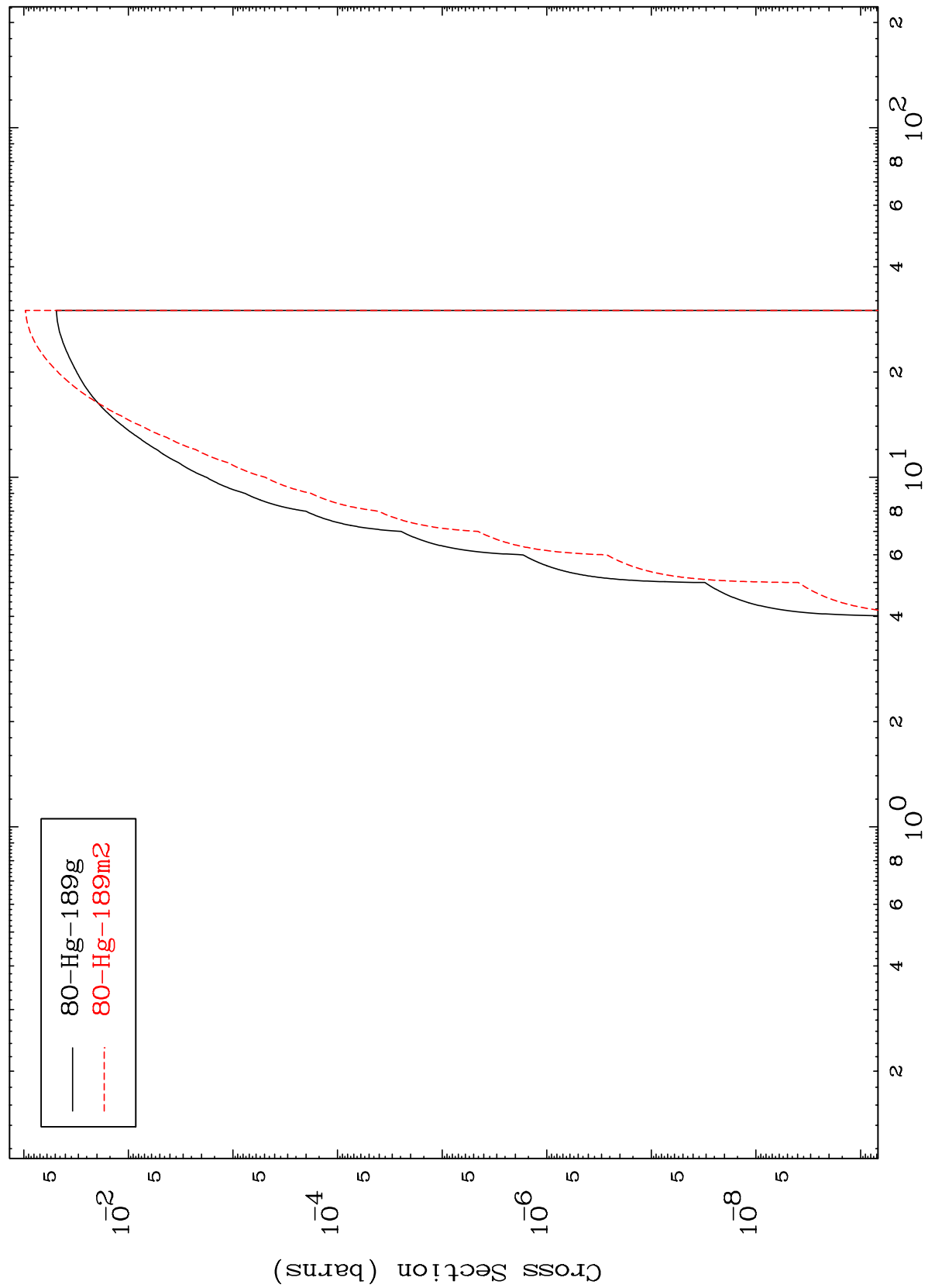
80-Hg-189

Incident Energy (MeV)

MAT 8004

80-Hg-189

(n,p)
Radionuclide Production Cross Section



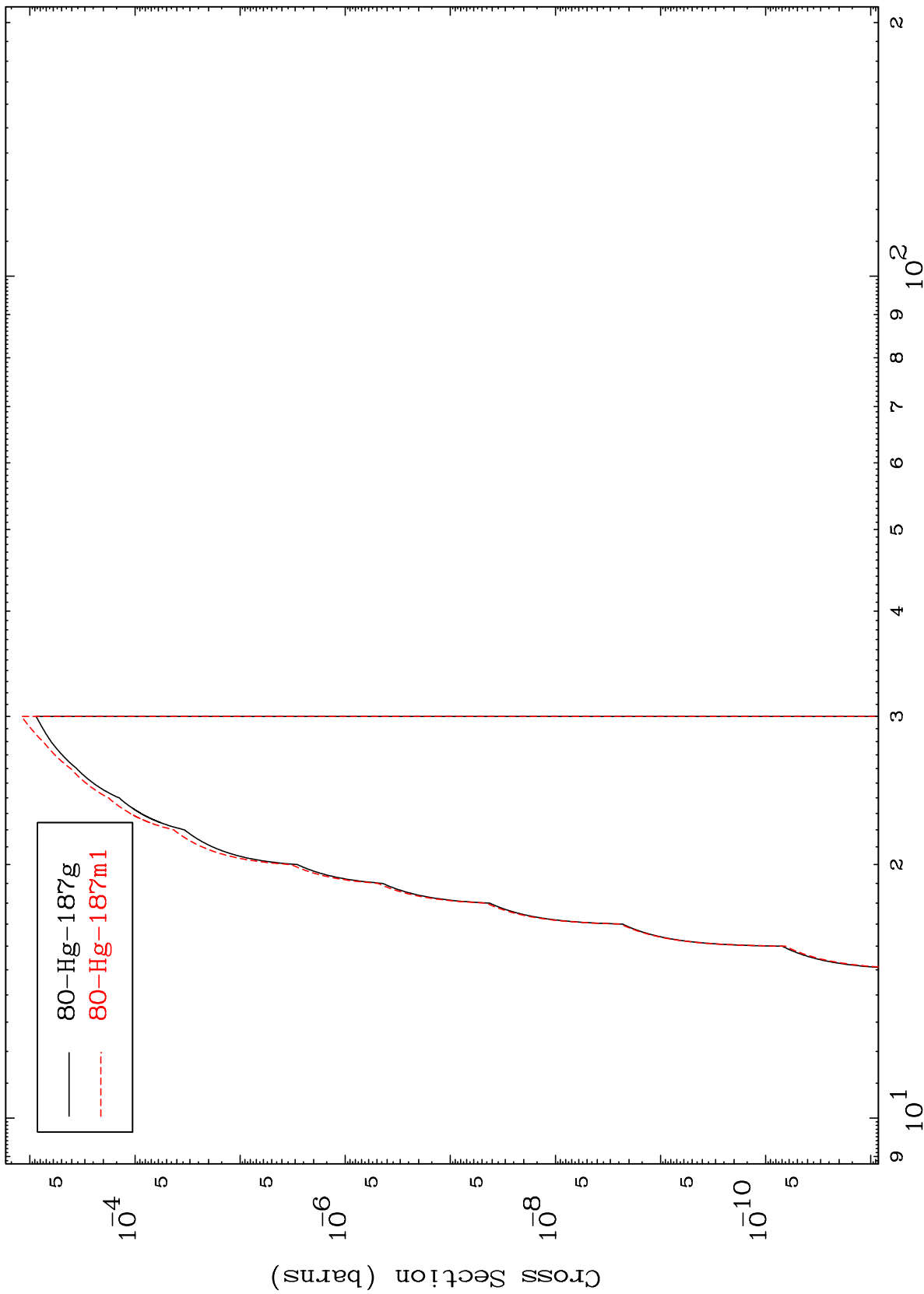
80-Hg-189

Incident Energy (MeV)

MAT 8004

80-Hg-189

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-189

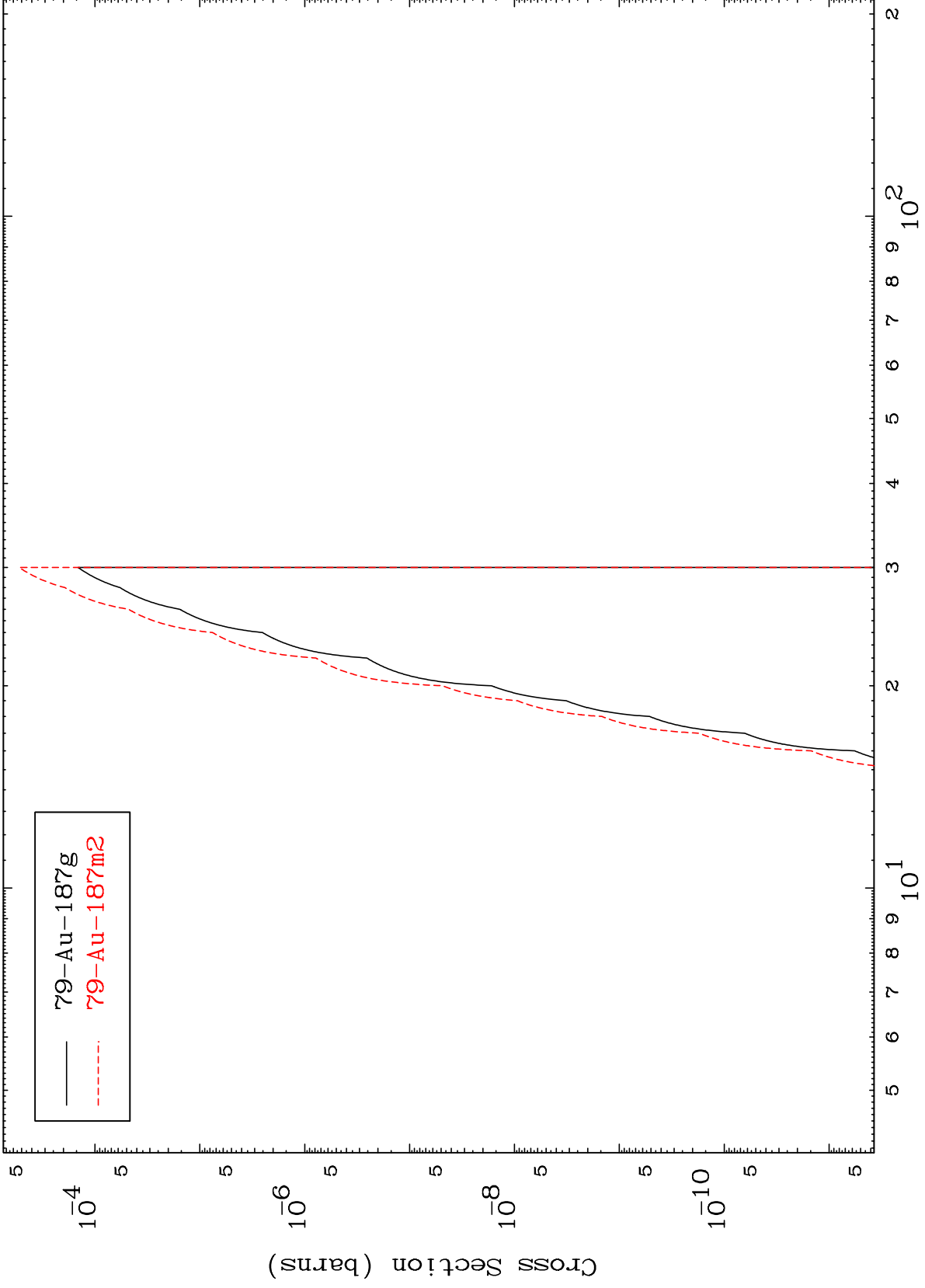
23

MAT 8004

(n,He-3)

80-Hg-189

Radionuclide Production Cross Section



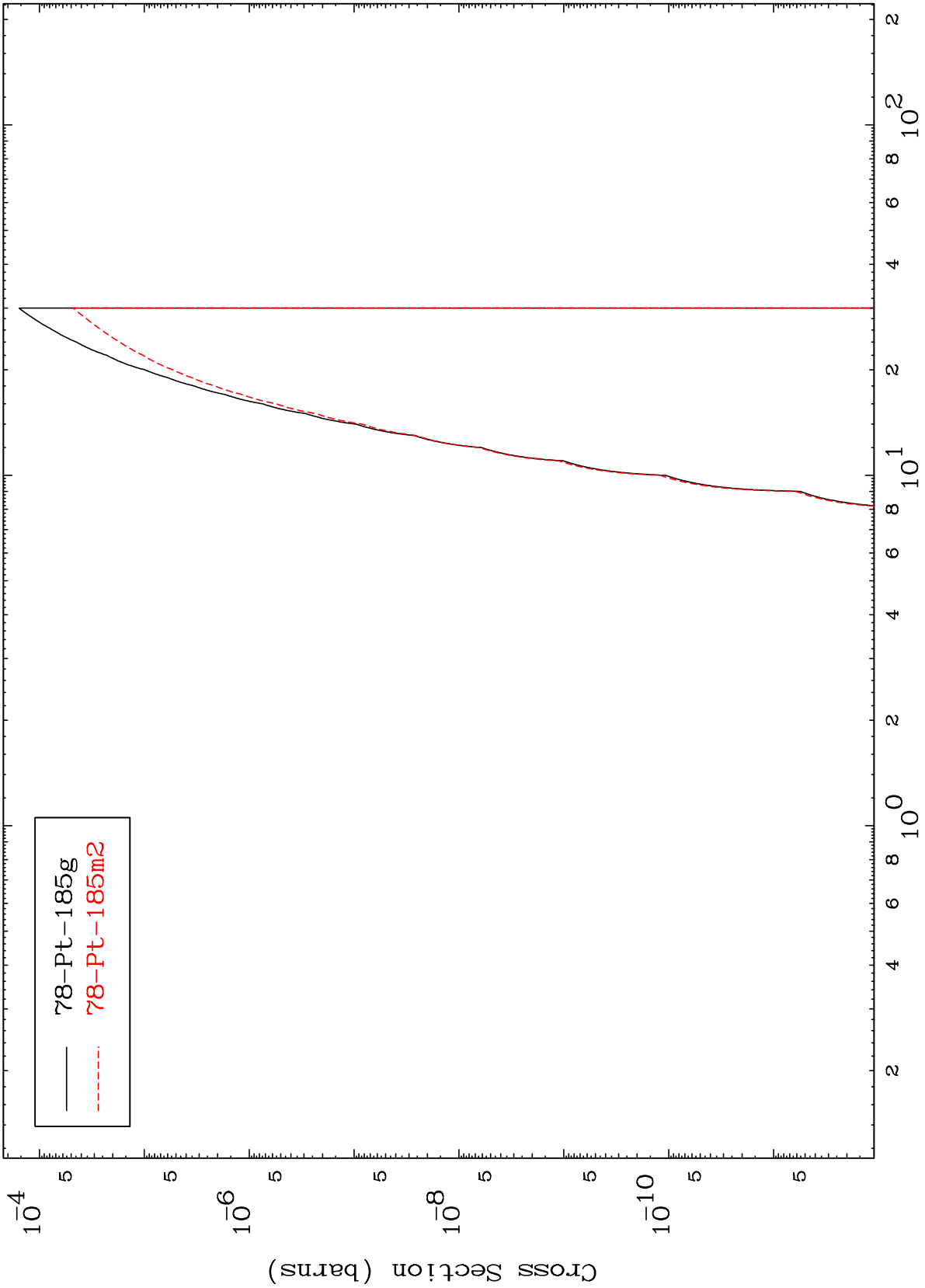
— $^{79}\text{Au-187g}$
- - - $^{79}\text{Au-187m2}$

MAT 8004

(n,p) α

80-Hg-189

Radionuclide Production Cross Section

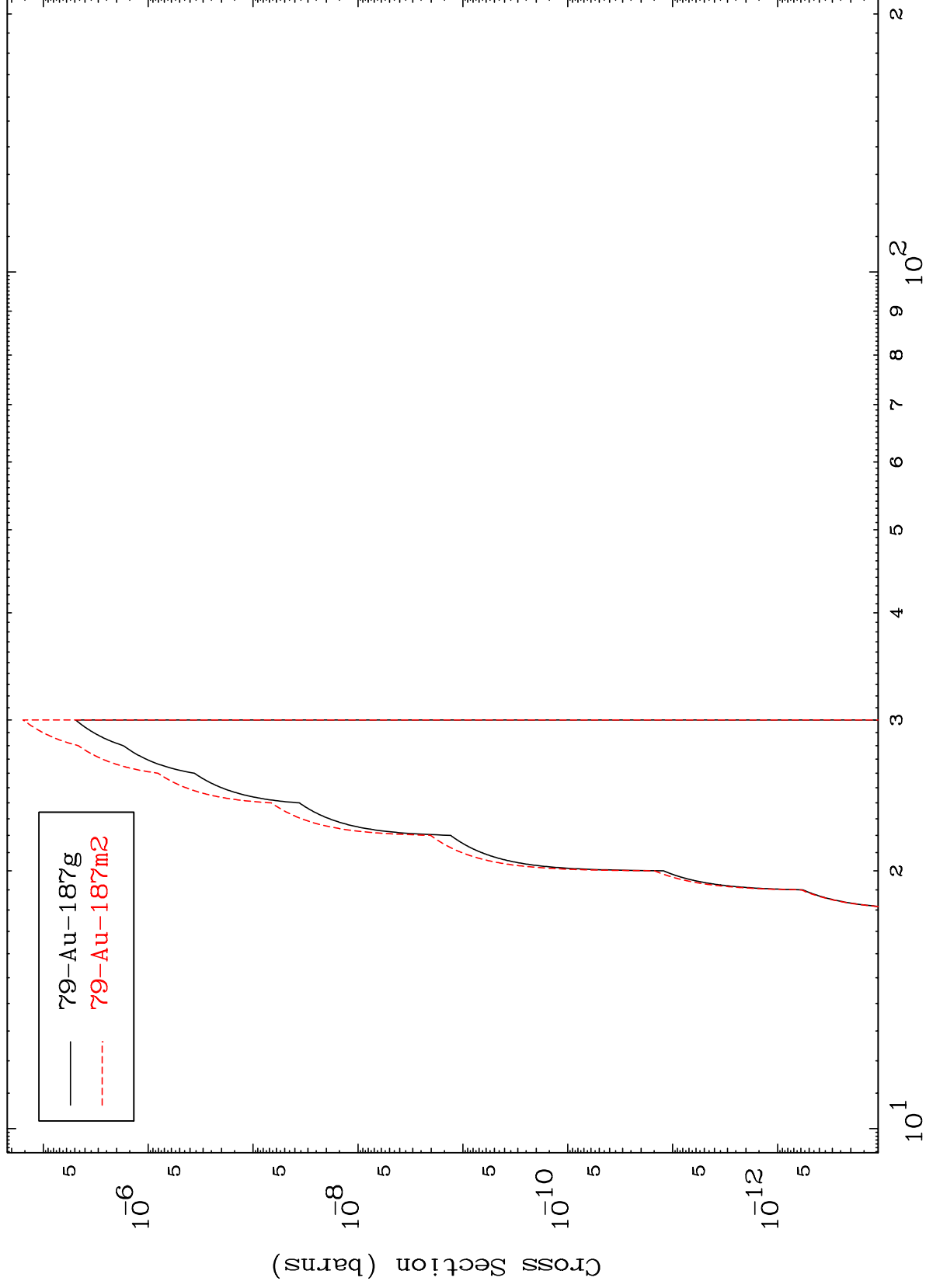


MAT 8004

(n,p) d

80-Hg-189

Radionuclide Production Cross Section



26

Incident Energy (MeV)

80-Hg-189