

Program EVALPLOT  
(Version 2021-1)

by

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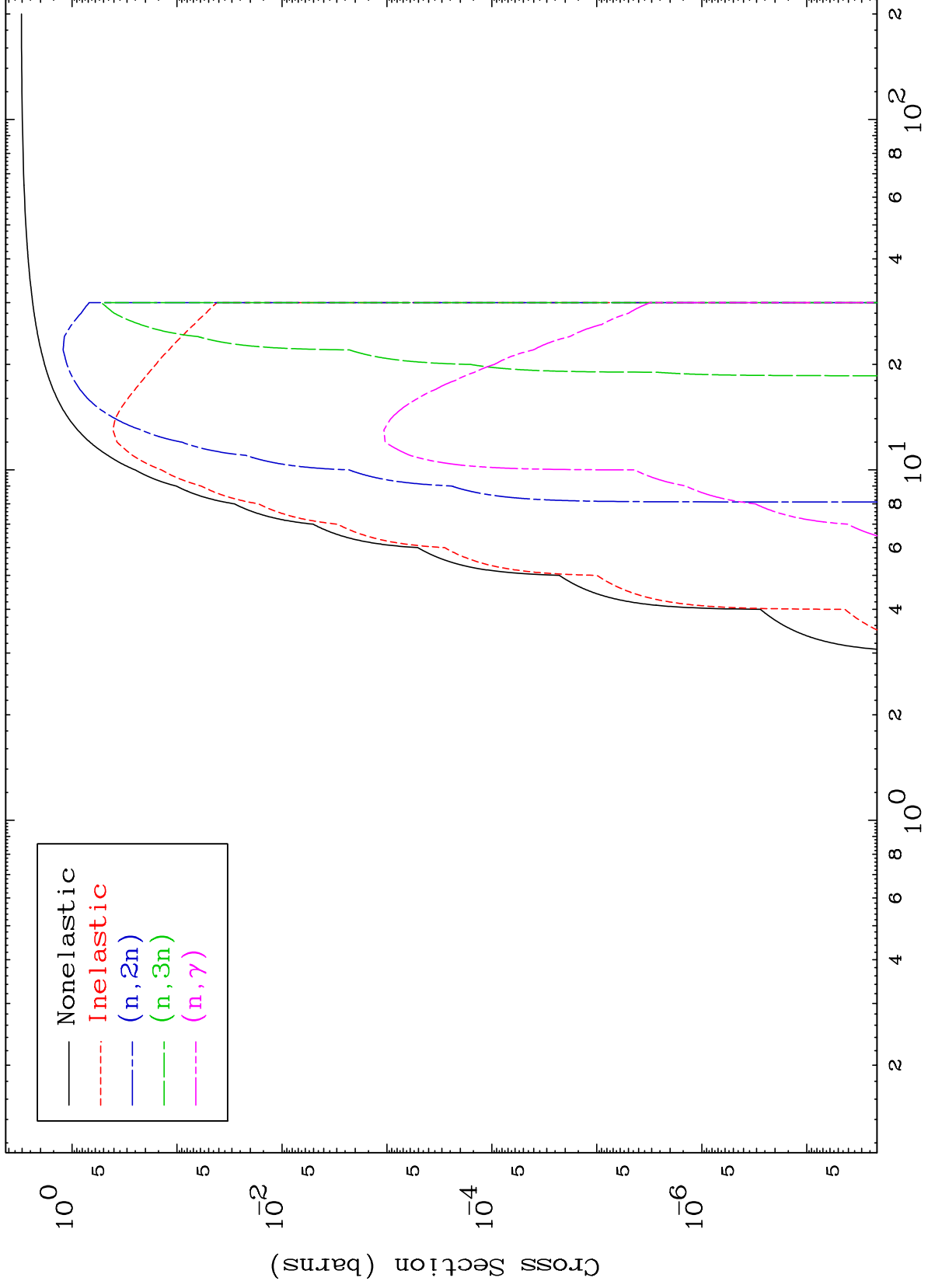
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8004

Deuteron Major  
0 Kelvin Cross Sections

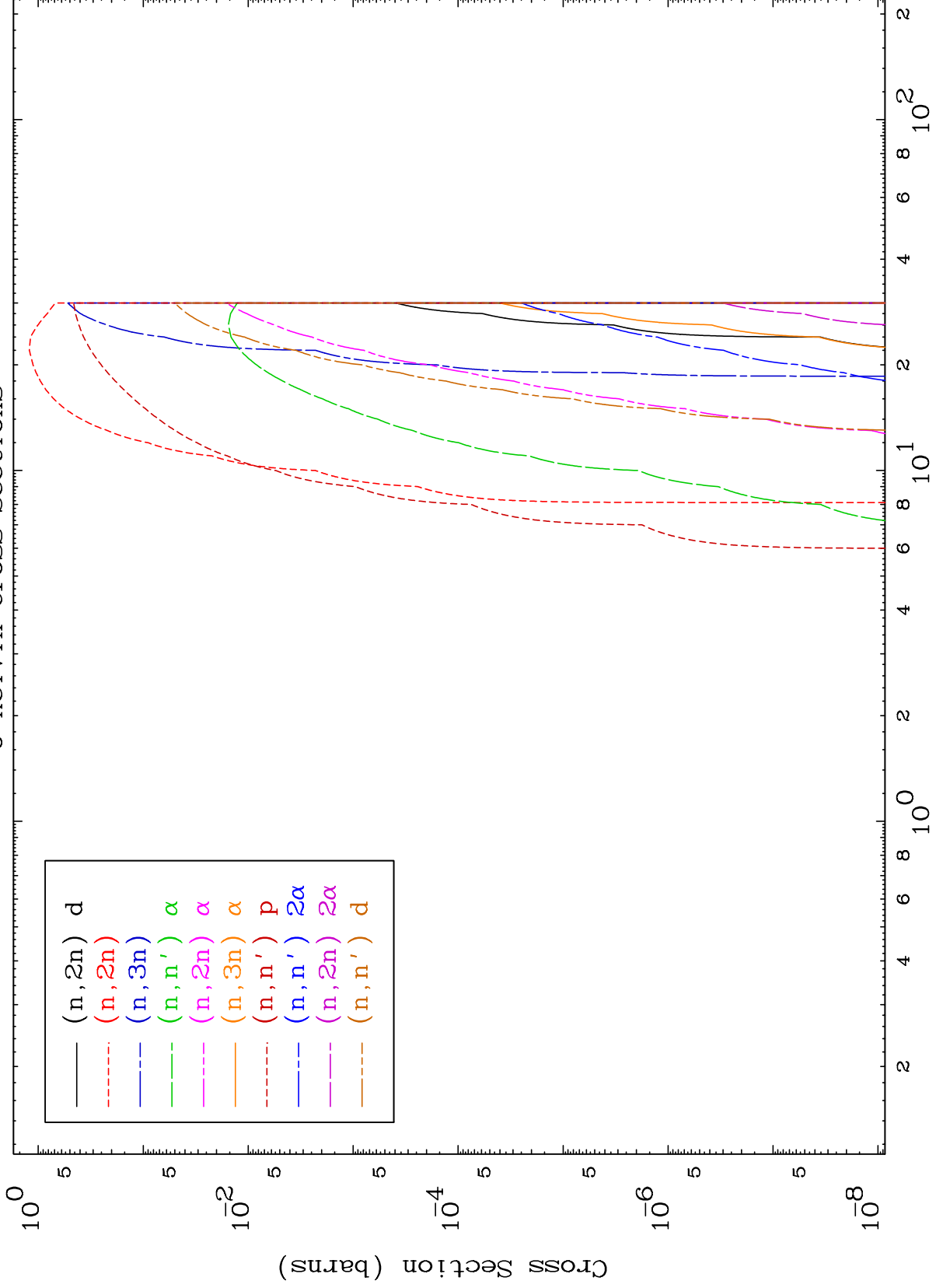
80-Hg-189



MAT 8004

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

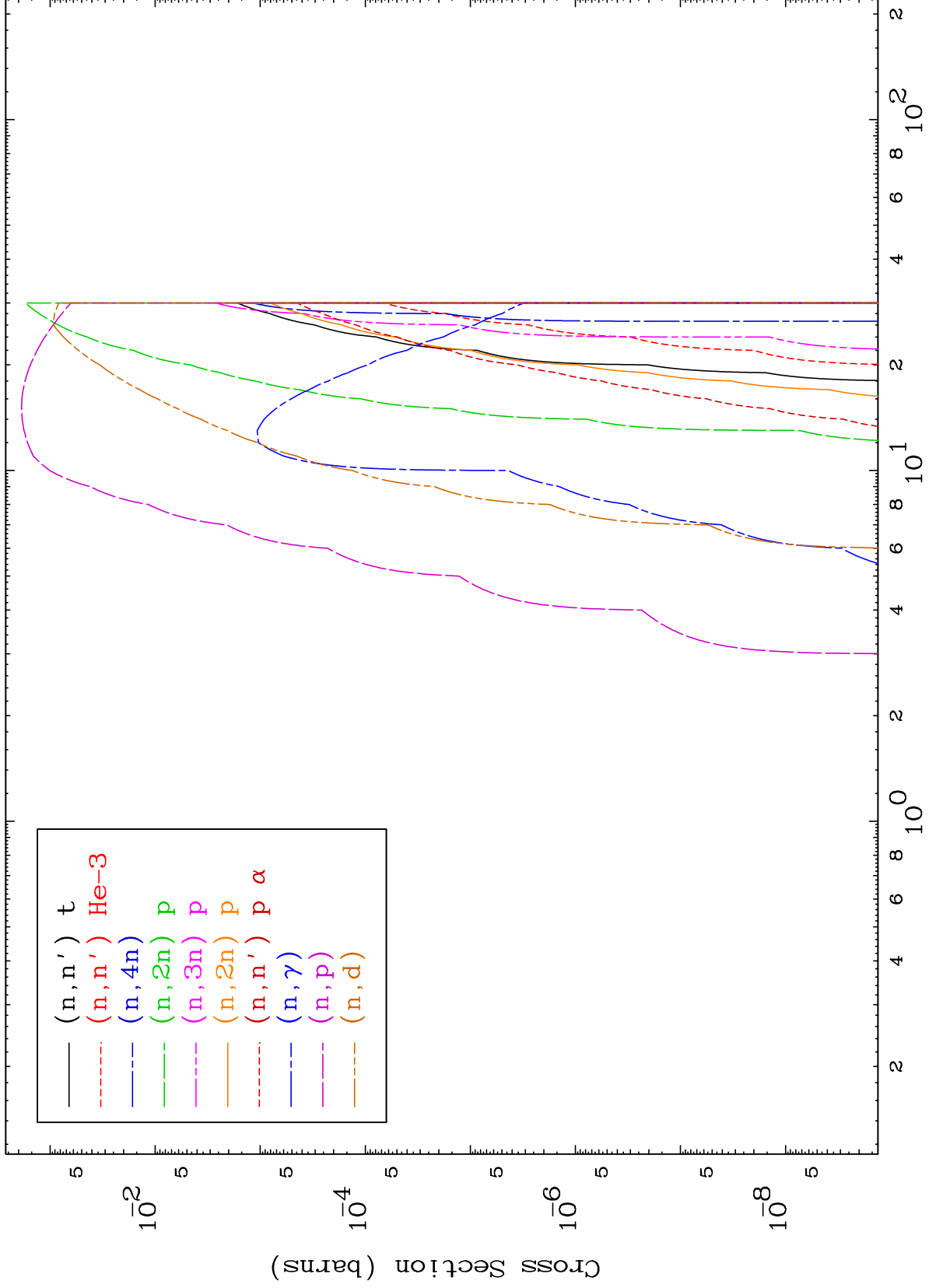
80-Hg-189



MAT 8004

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

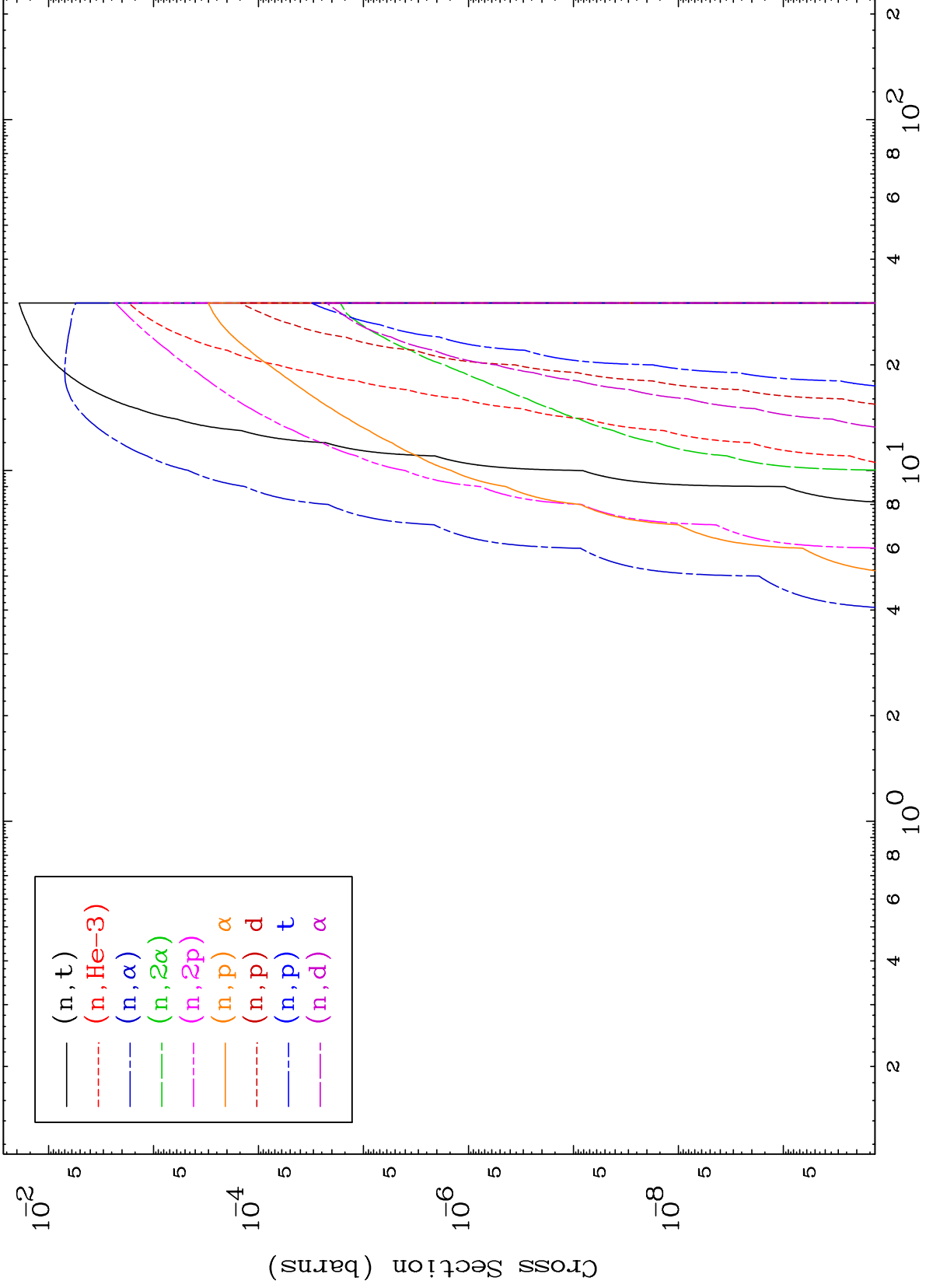
80-Hg-189



MAT 8004

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

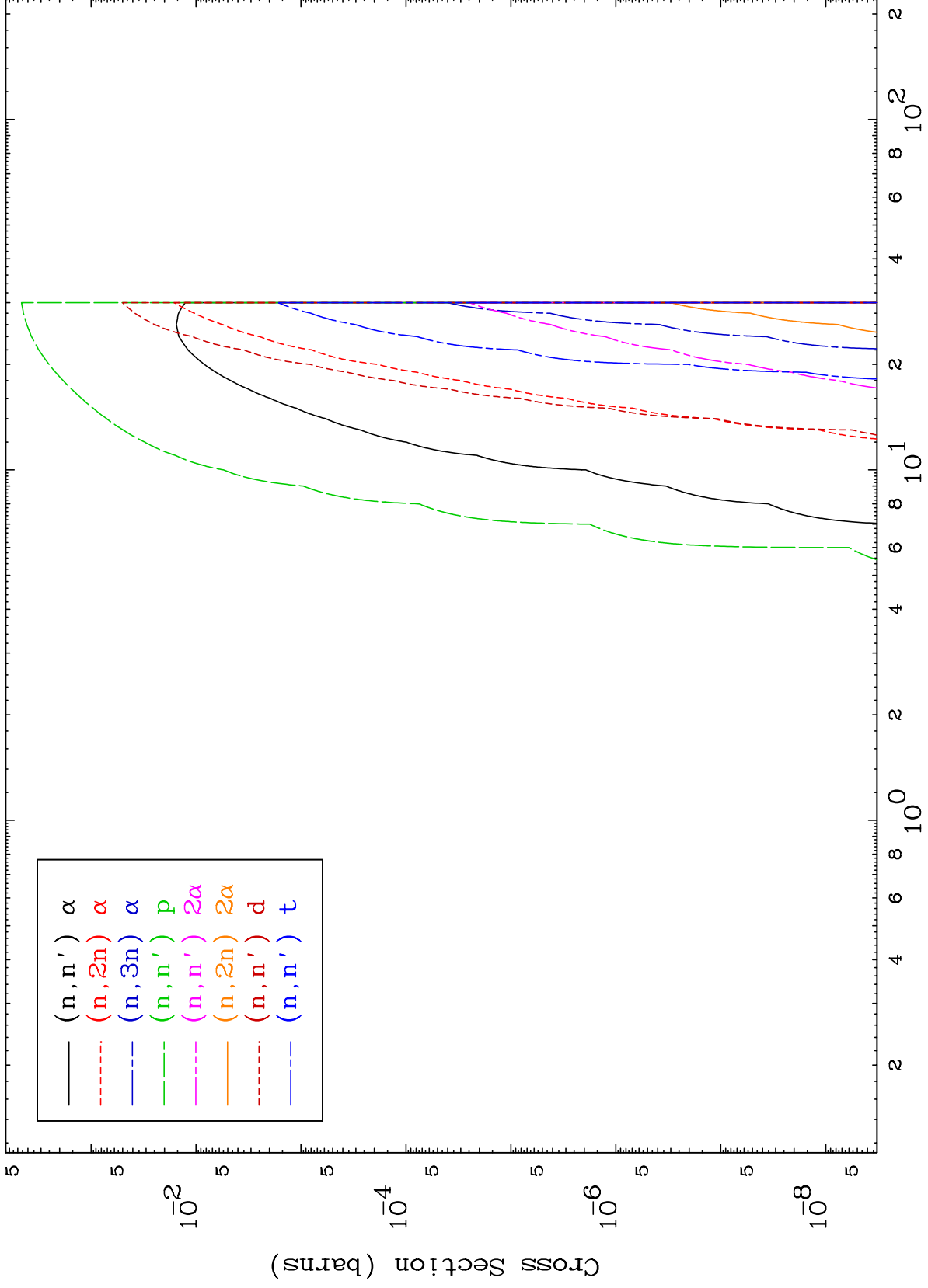
80-Hg-189



MAT 8004

Deuteron Charged Particle  
0 Kelvin Cross Sections

80-Hg-189



5

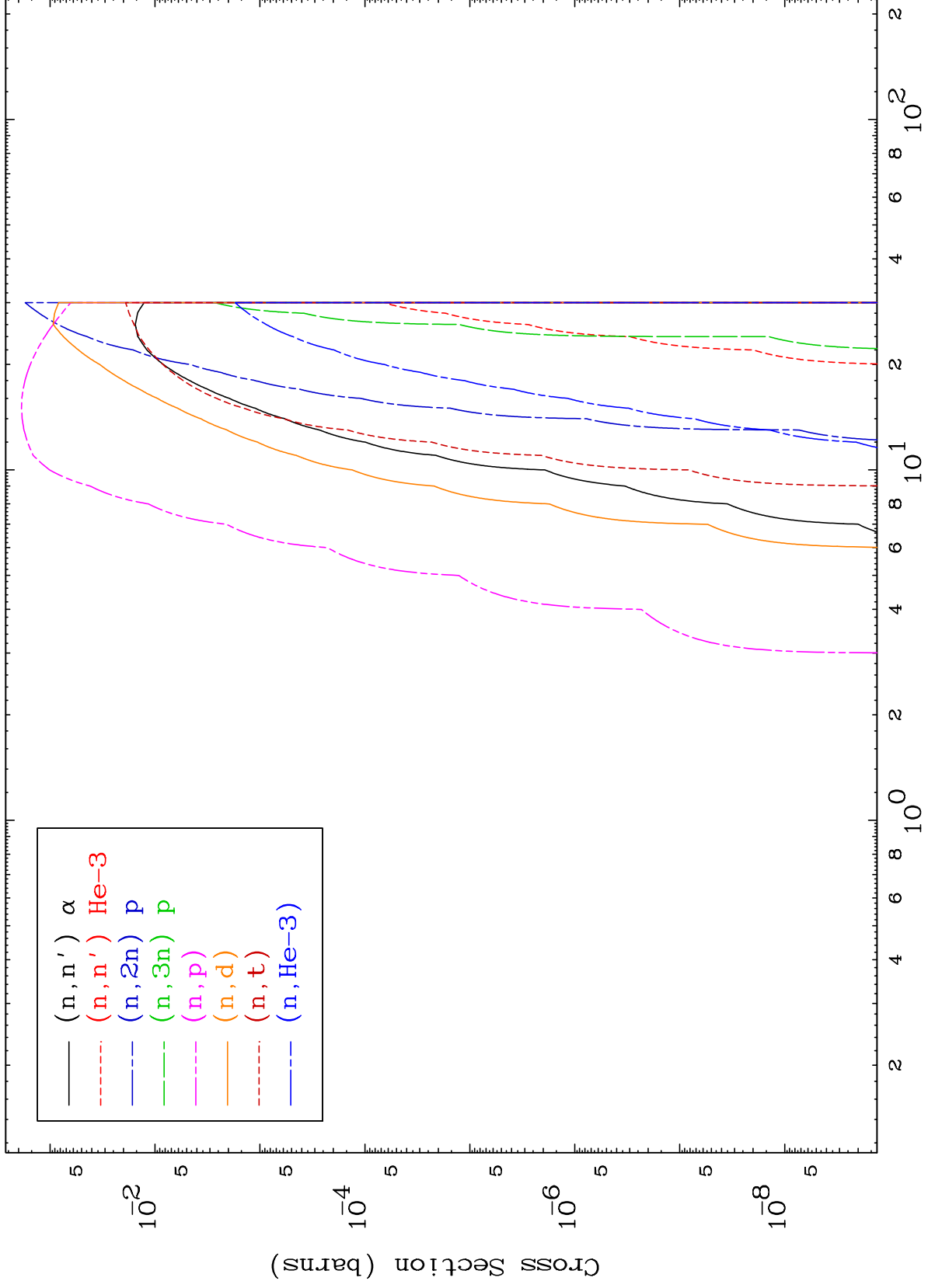
Incident Energy (MeV)

80-Hg-189

MAT 8004

Deuteron Charged Particle  
0 Kelvin Cross Sections

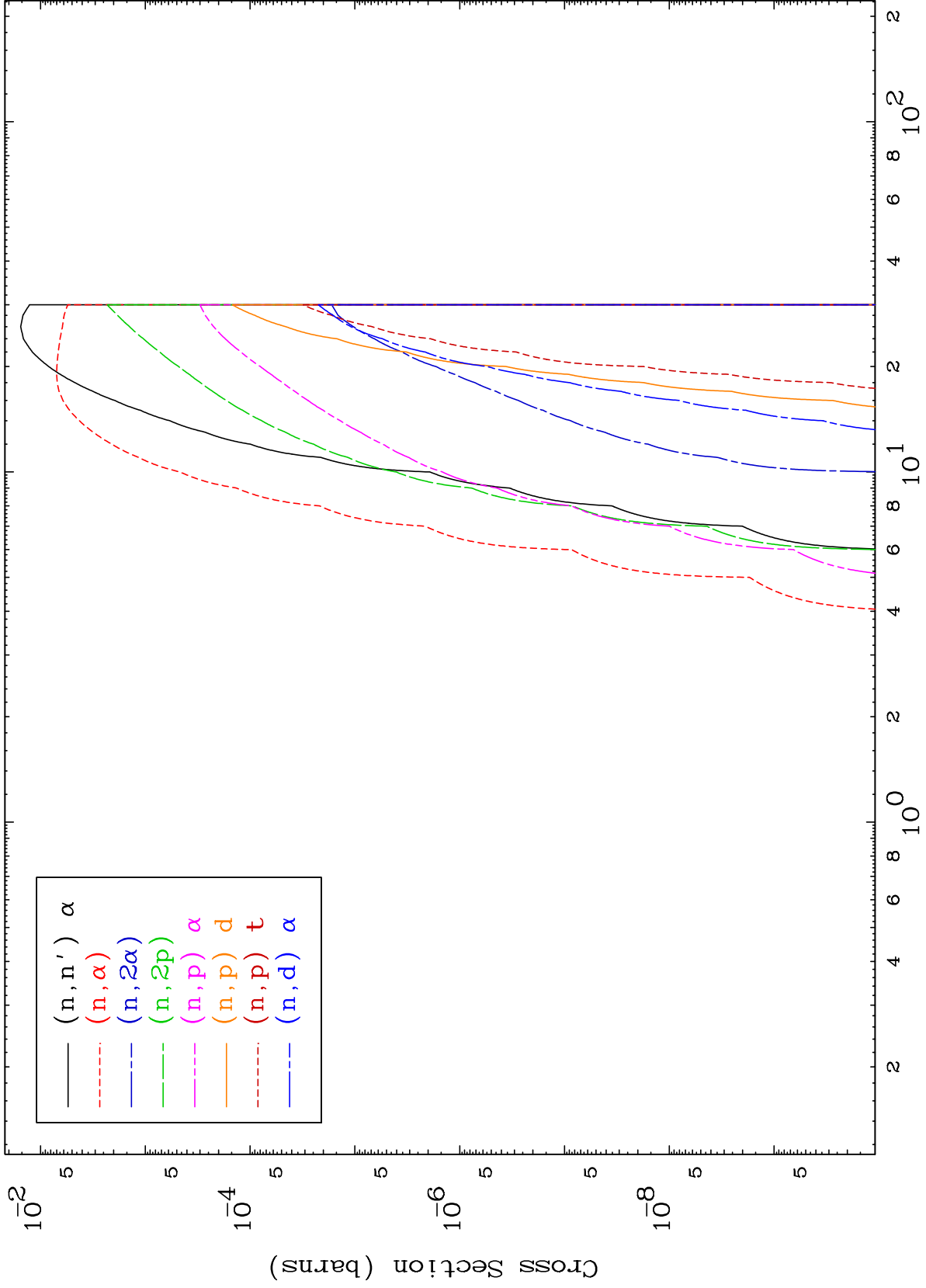
80-Hg-189



MAT 8004

Deuteron Charged Particle  
0 Kelvin Cross Sections

80-Hg-189

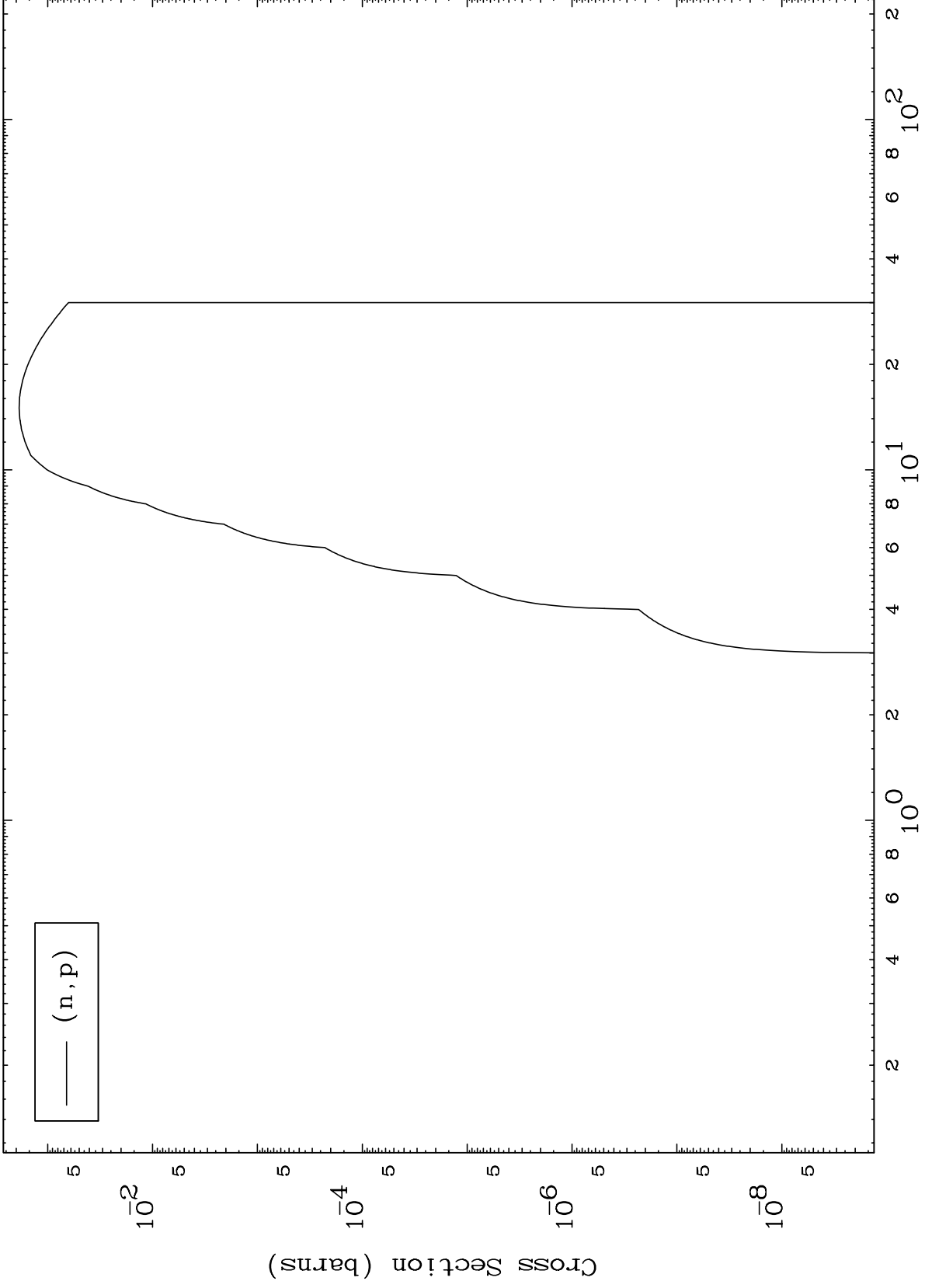


MAT 8004

(d,p) Levels

80-Hg-189

0 Kelvin Cross Sections

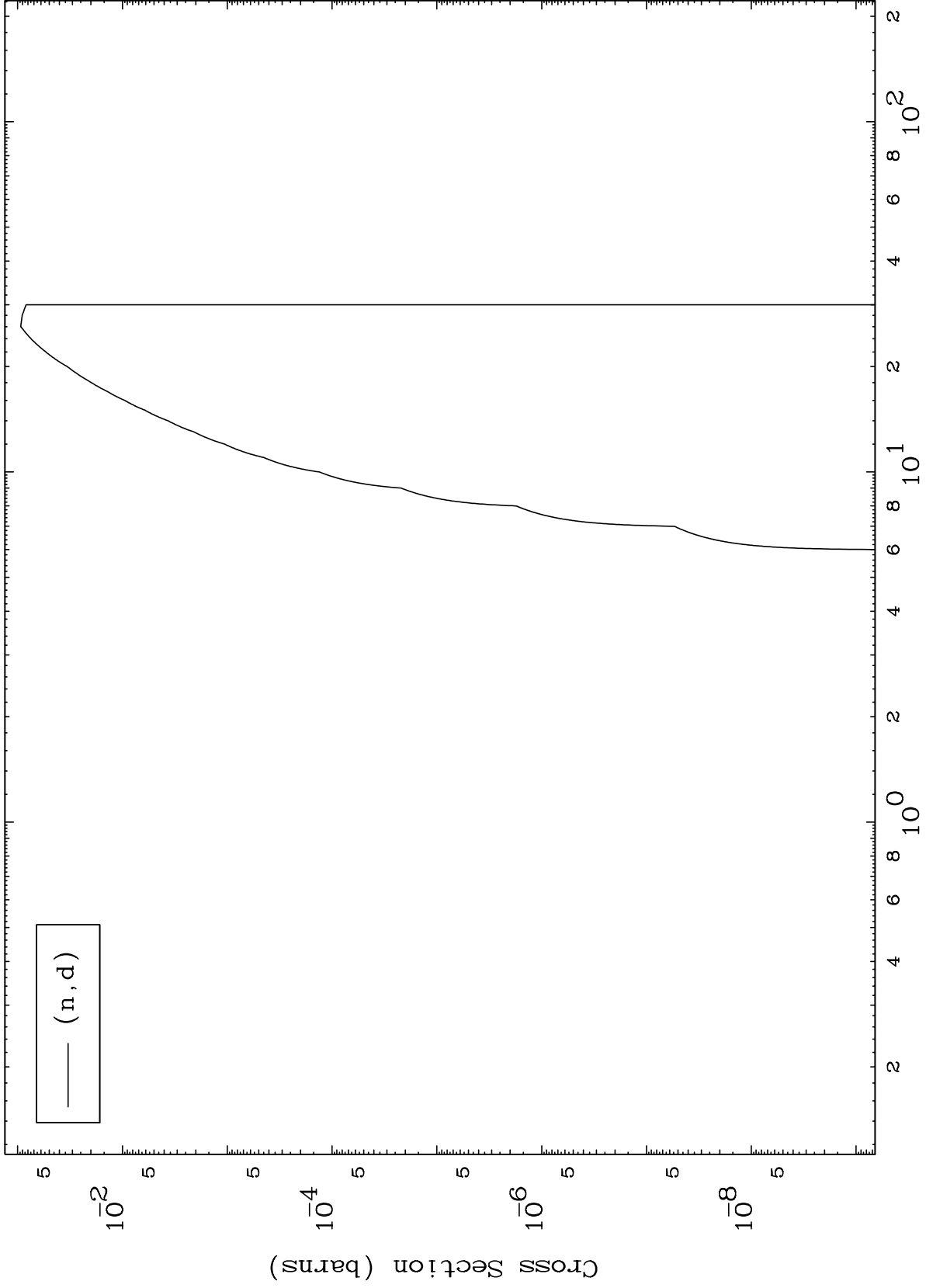


MAT 8004

(d,d) Levels

80-Hg-189

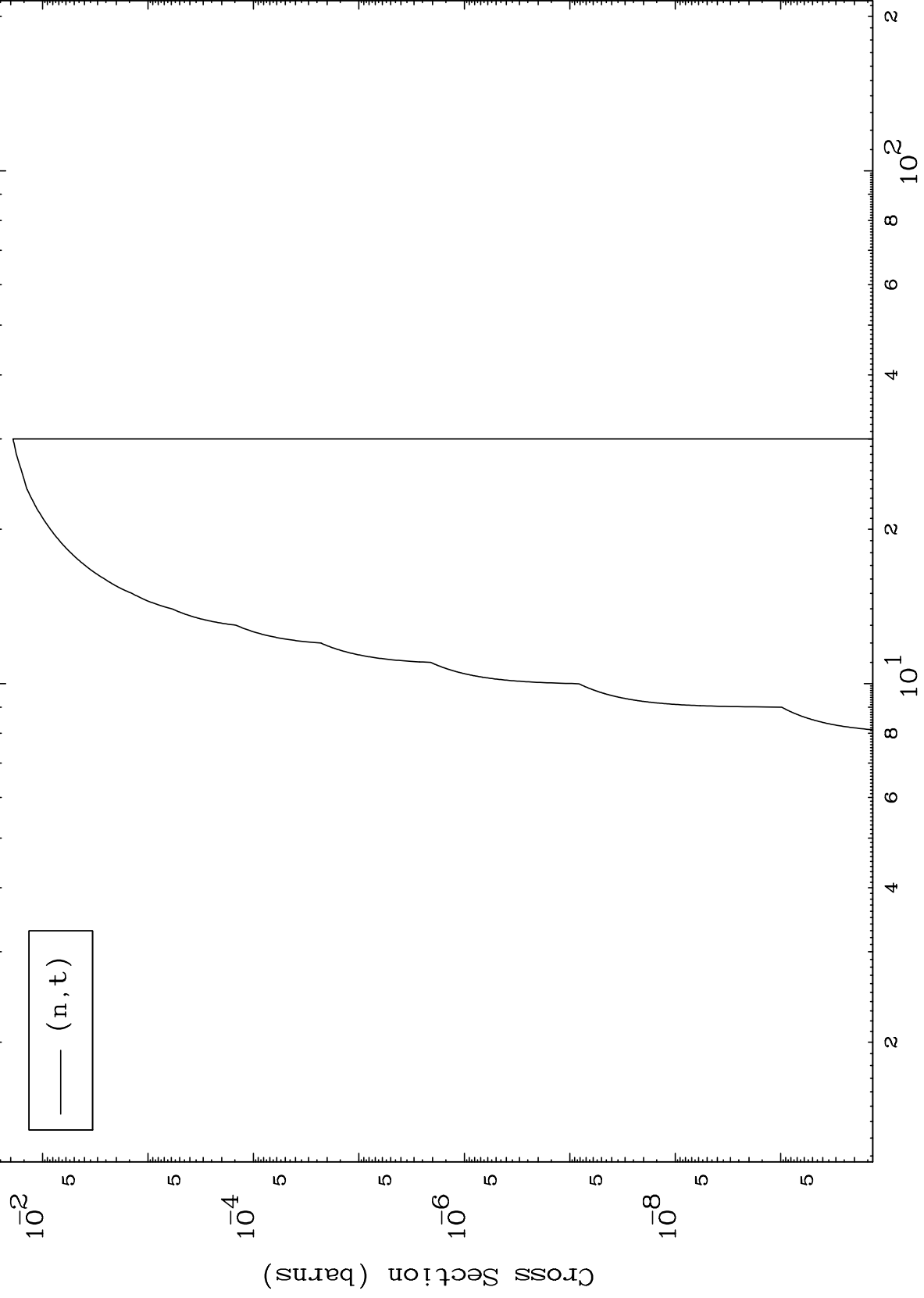
0 Kelvin Cross Sections



MAT 8004

(d, t) Levels  
0 Kelvin Cross Sections

80-Hg-189



10

Incident Energy (MeV)

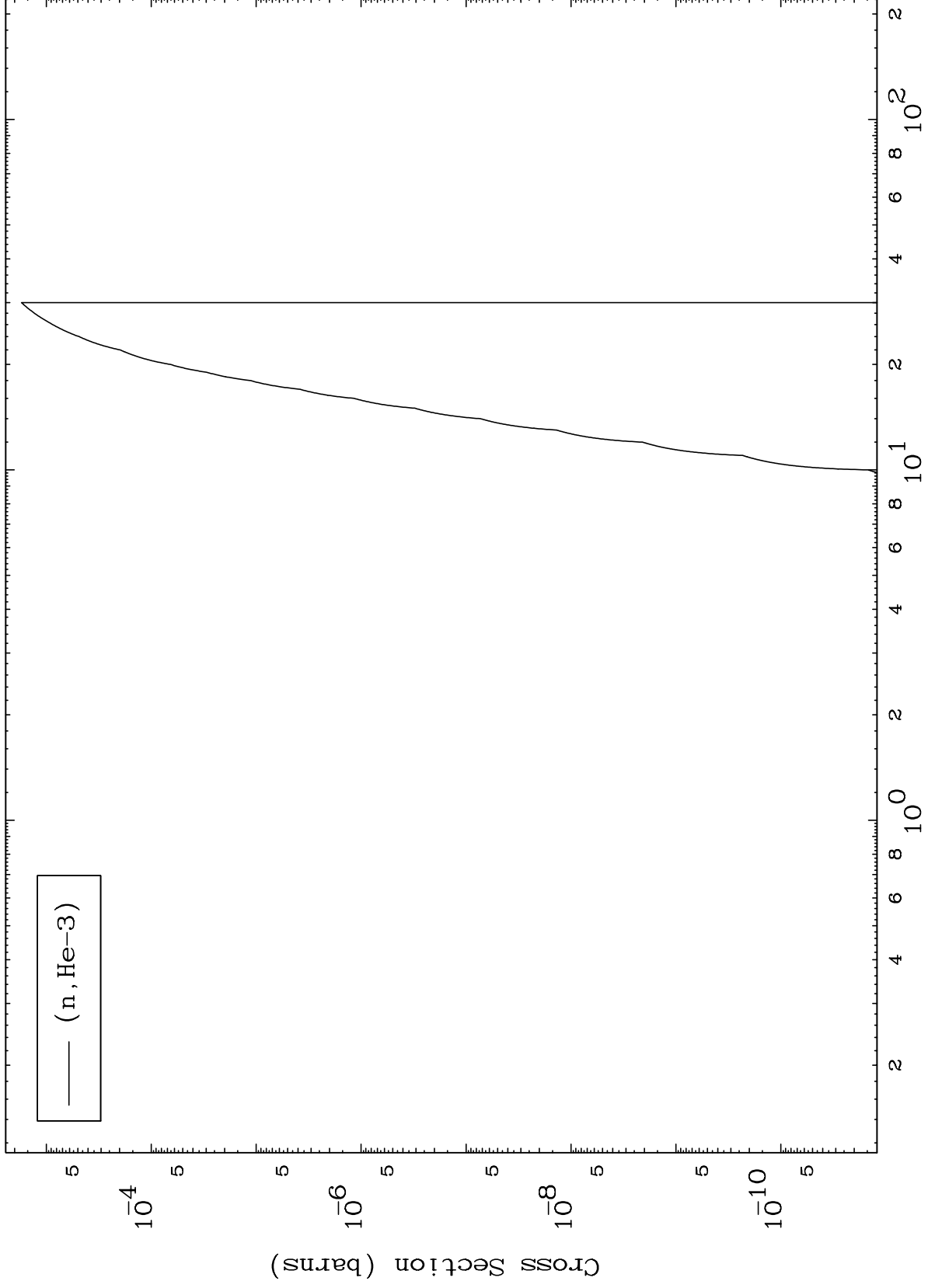
80-Hg-189

MAT 8004

(d,He3) Levels

80-Hg-189

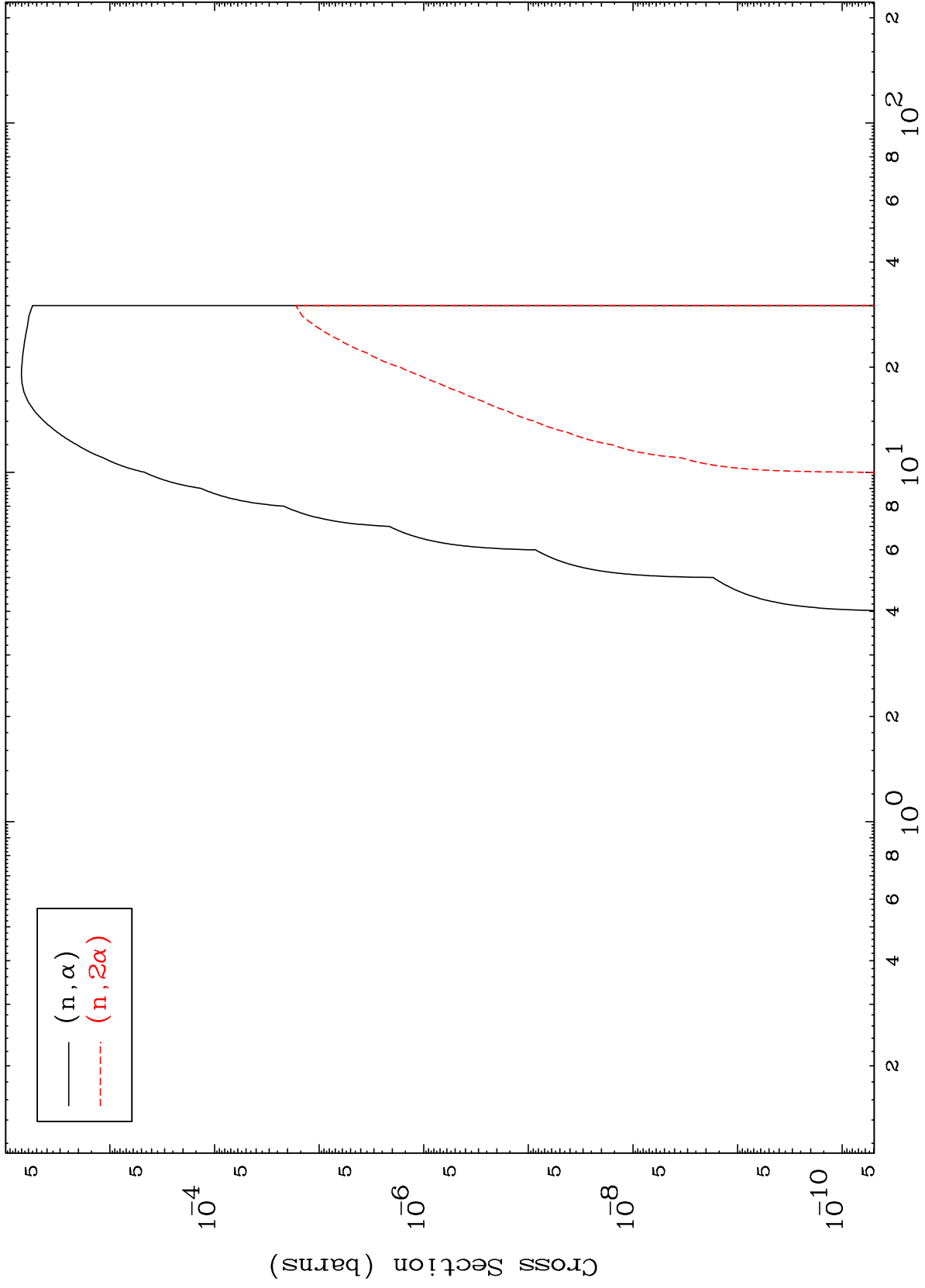
0 Kelvin Cross Sections



MAT 8004

(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

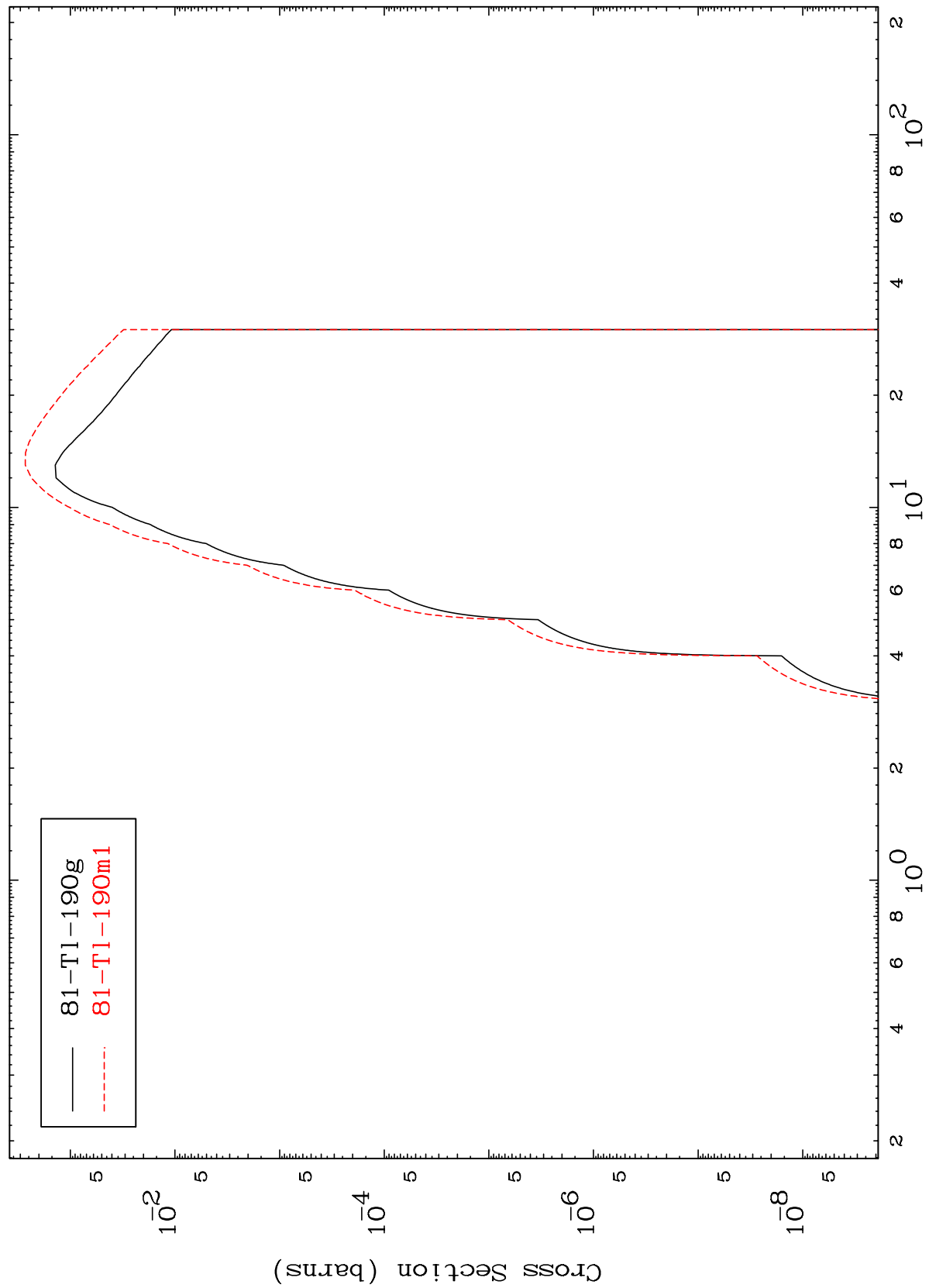
80-Hg-189



MAT 8004

80-Hg-189

Inelastic  
Radionuclide Production Cross Section



81-Tl-190g  
81-Tl-190m1

80-Hg-189

Incident Energy (MeV)

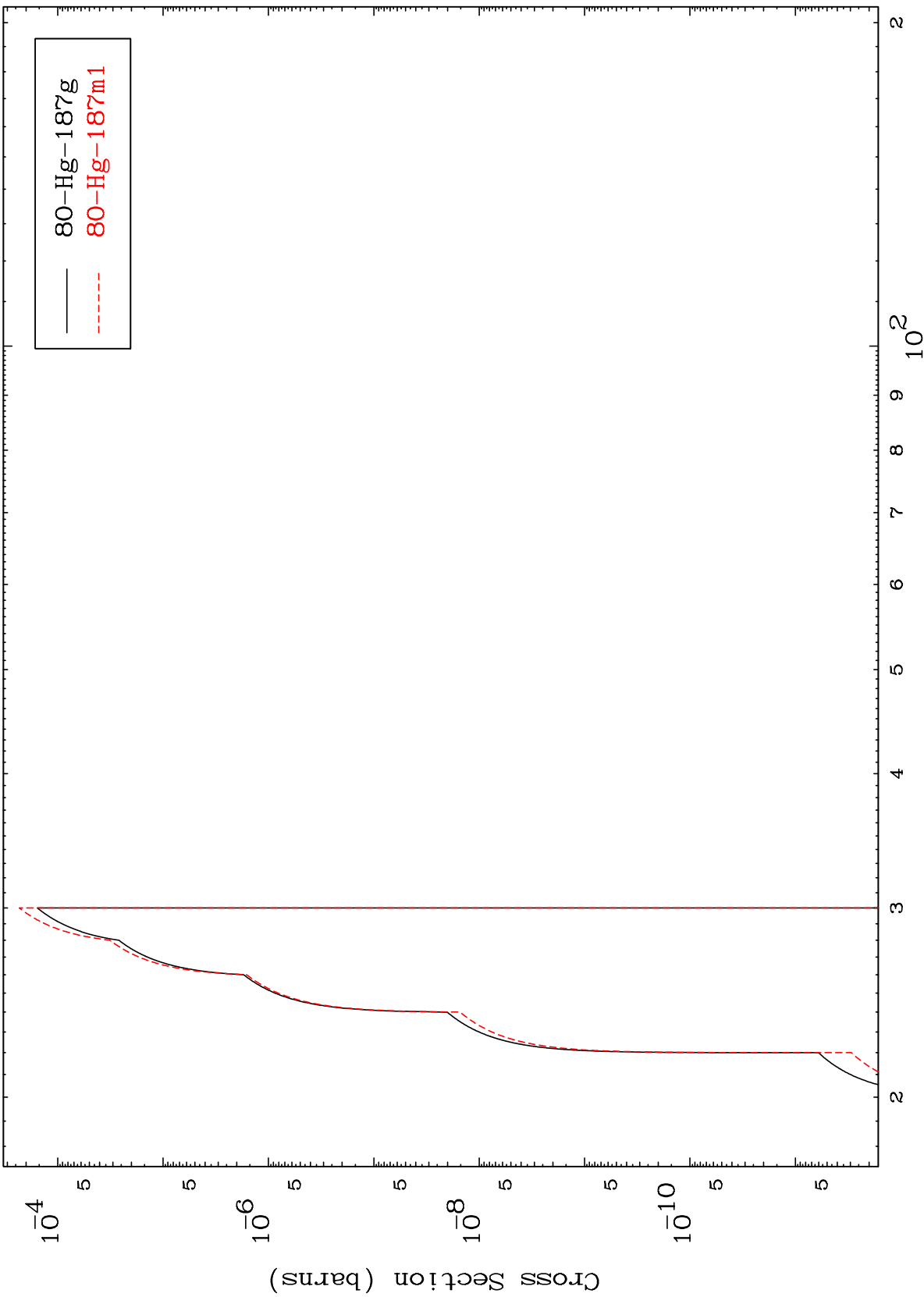
13

MAT 8004

(n,2n) d

80-Hg-189

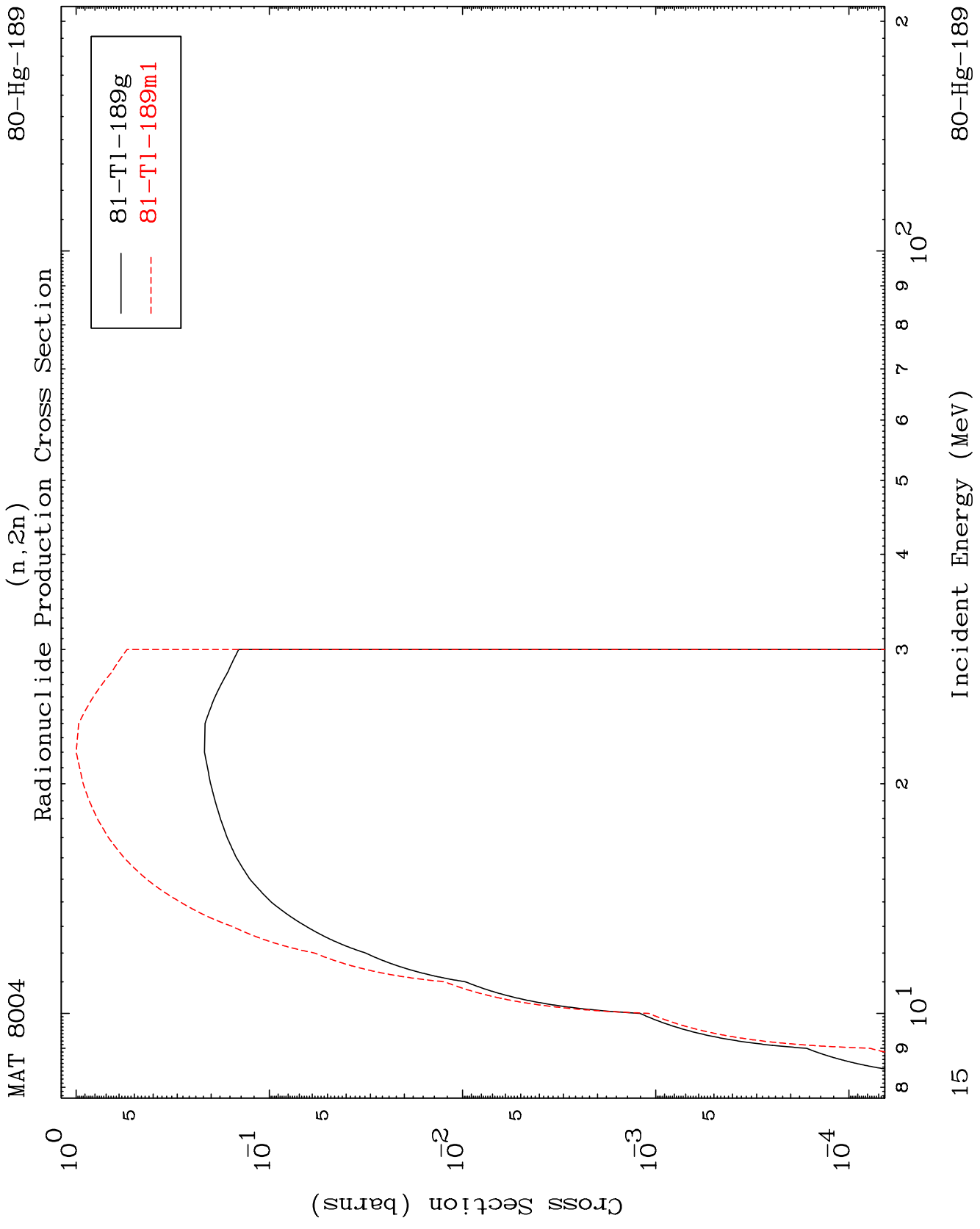
Radionuclide Production Cross Section



14

Incident Energy (MeV)

80-Hg-189

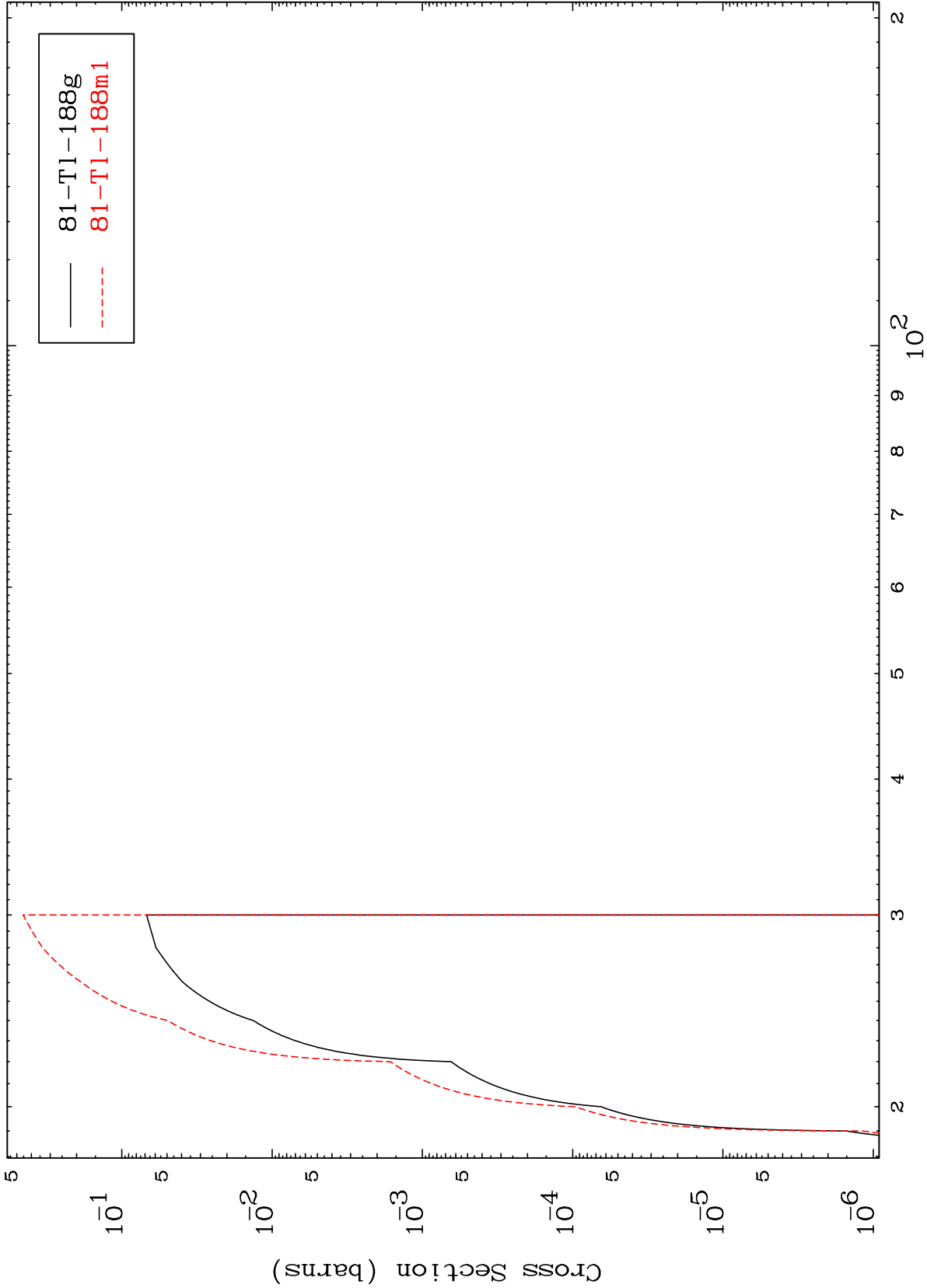


MAT 8004

(n,3n)

80-Hg-189

Radionuclide Production Cross Section



16

Incident Energy (MeV)

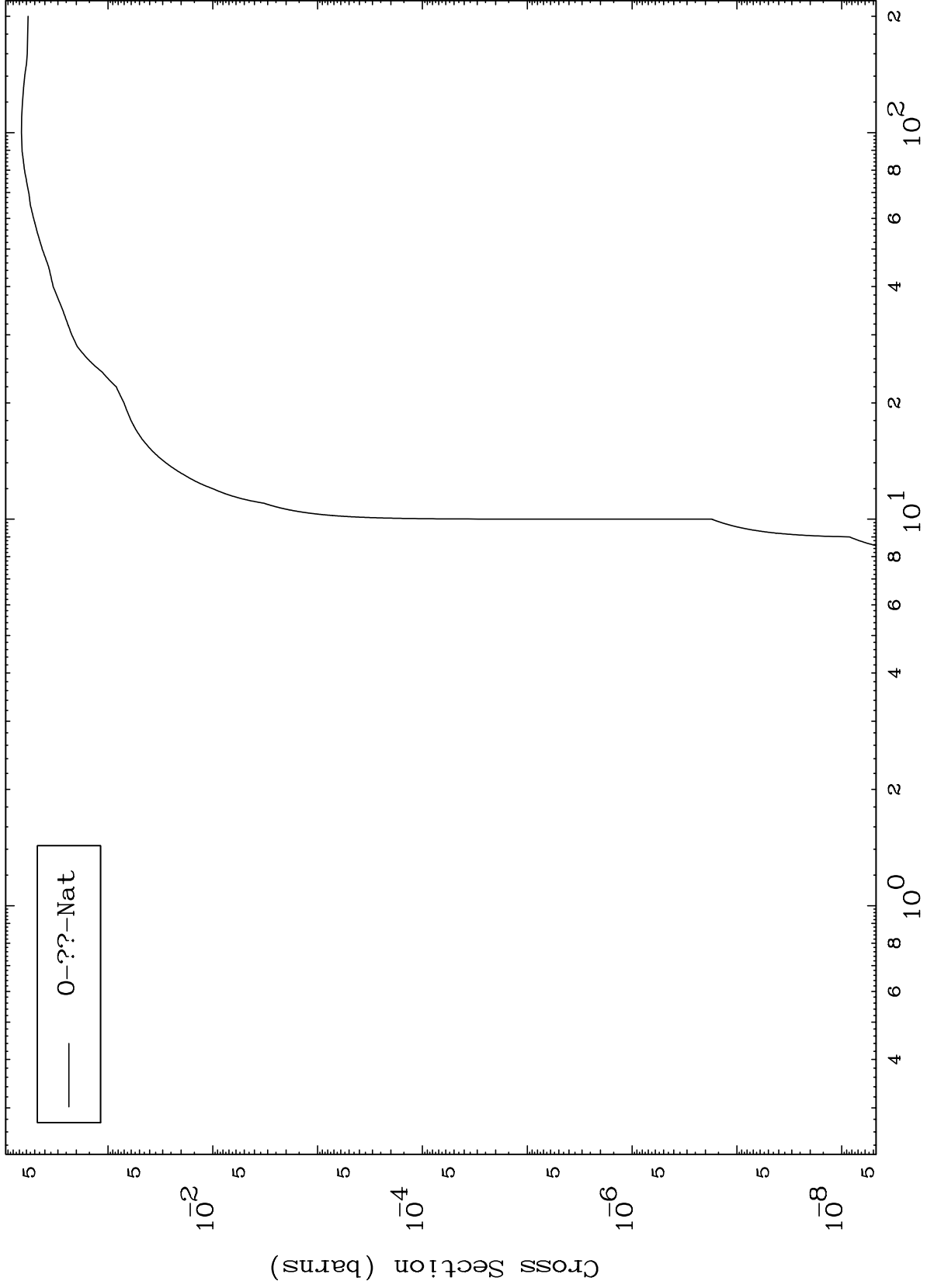
80-Hg-189

MAT 8004

Fission

80-Hg-189

Radionuclide Production Cross Section



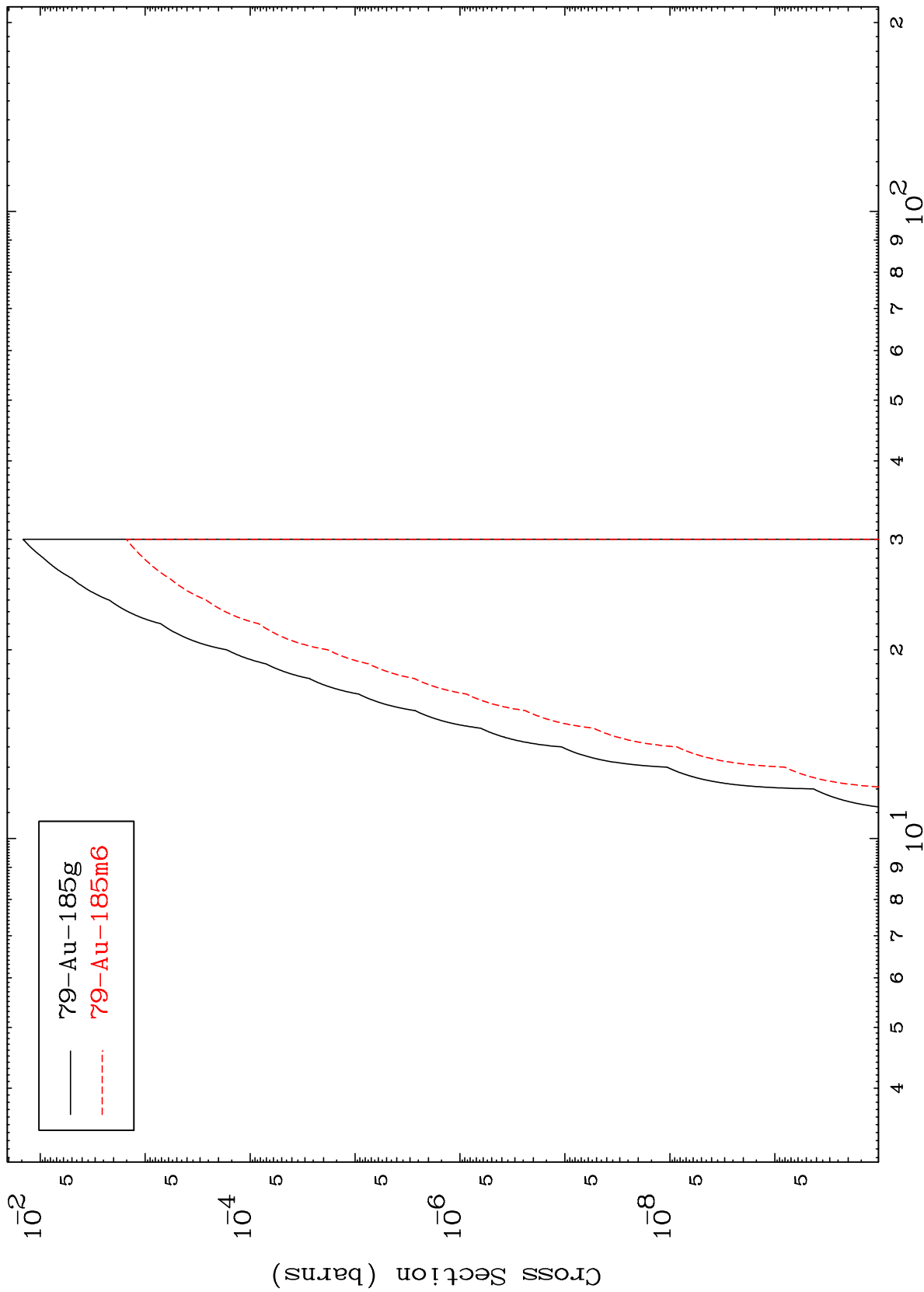
0-??-Nat

MAT 8004

$(n,2n) \alpha$

80-Hg-189

Radionuclide Production Cross Section

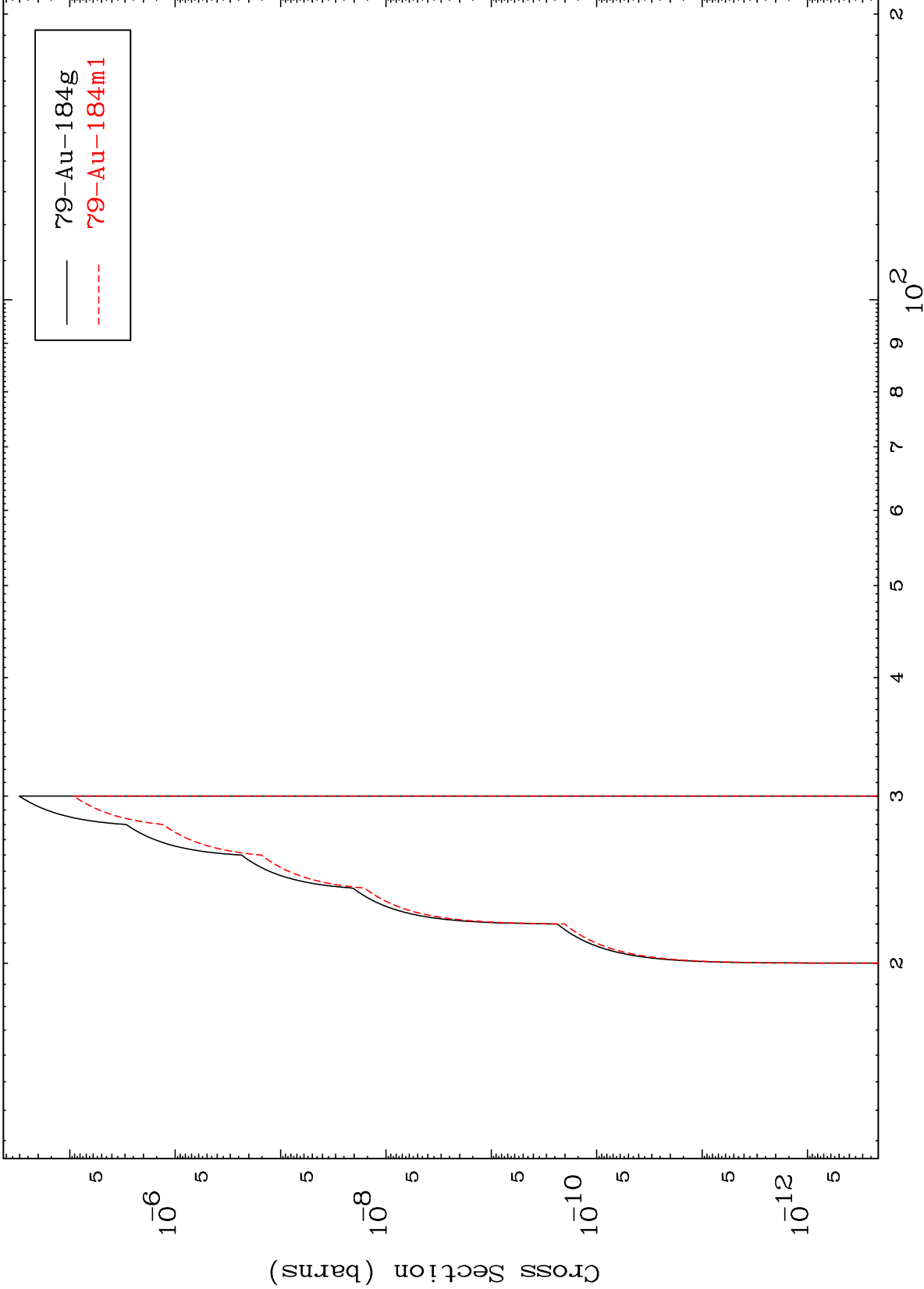


MAT 8004

(n,3n)  $\alpha$

80-Hg-189

Radionuclide Production Cross Section



79-Au-184g  
79-Au-184m1

19

Incident Energy (MeV)

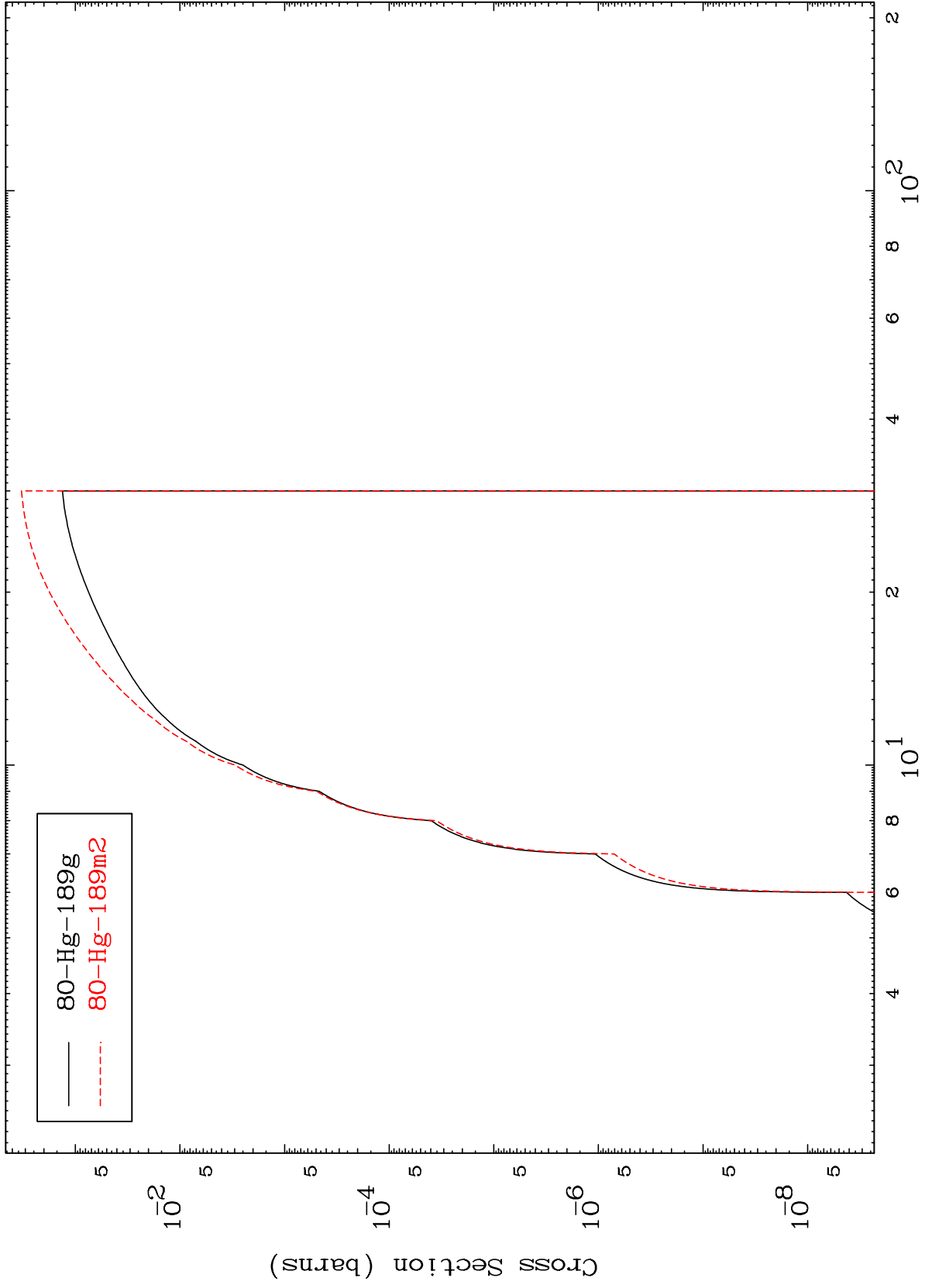
80-Hg-189

MAT 8004

(n,n') p

80-Hg-189

Radionuclide Production Cross Section



20

Incident Energy (MeV)

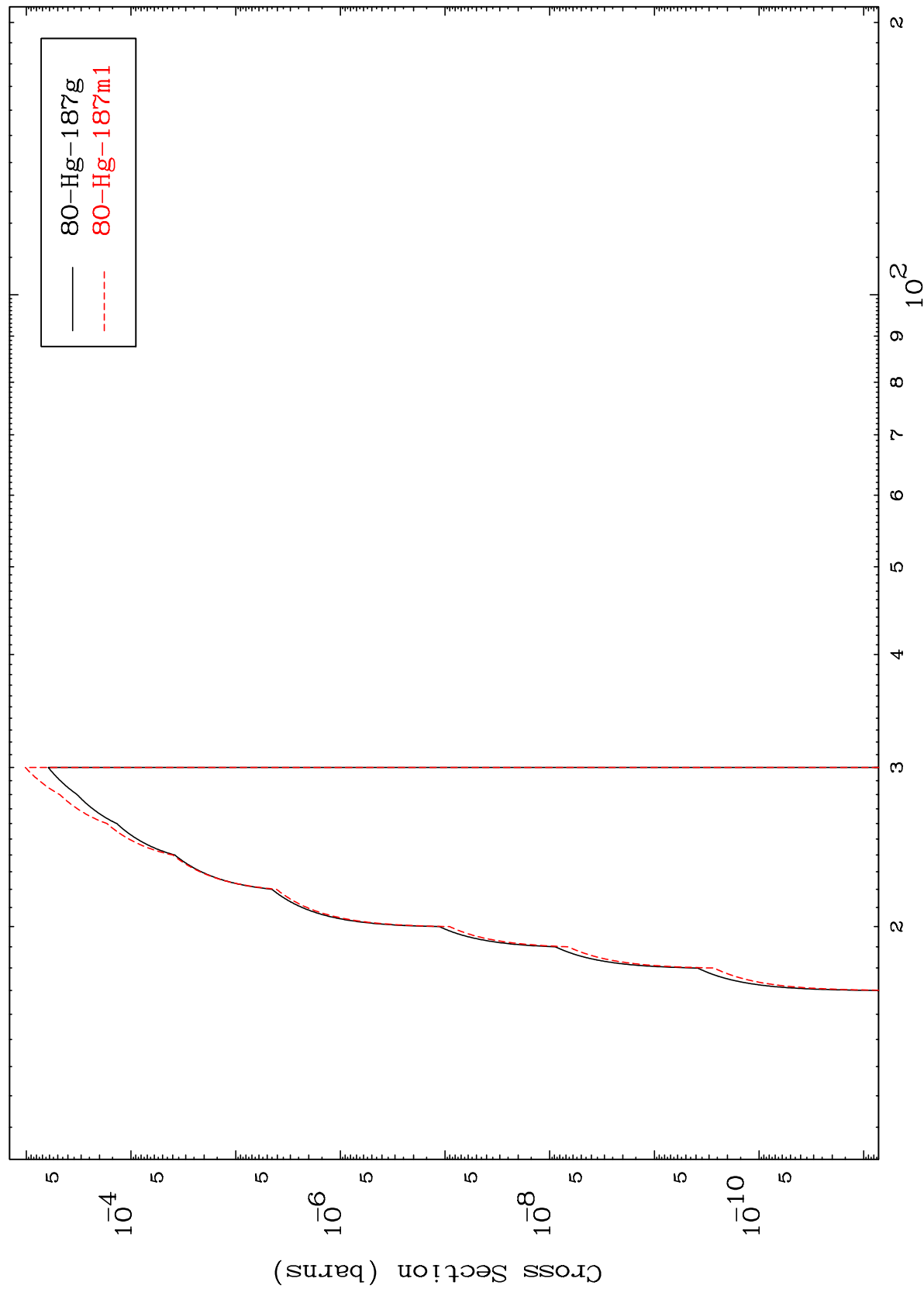
80-Hg-189

MAT 8004

(n,n') t

80-Hg-189

Radionuclide Production Cross Section

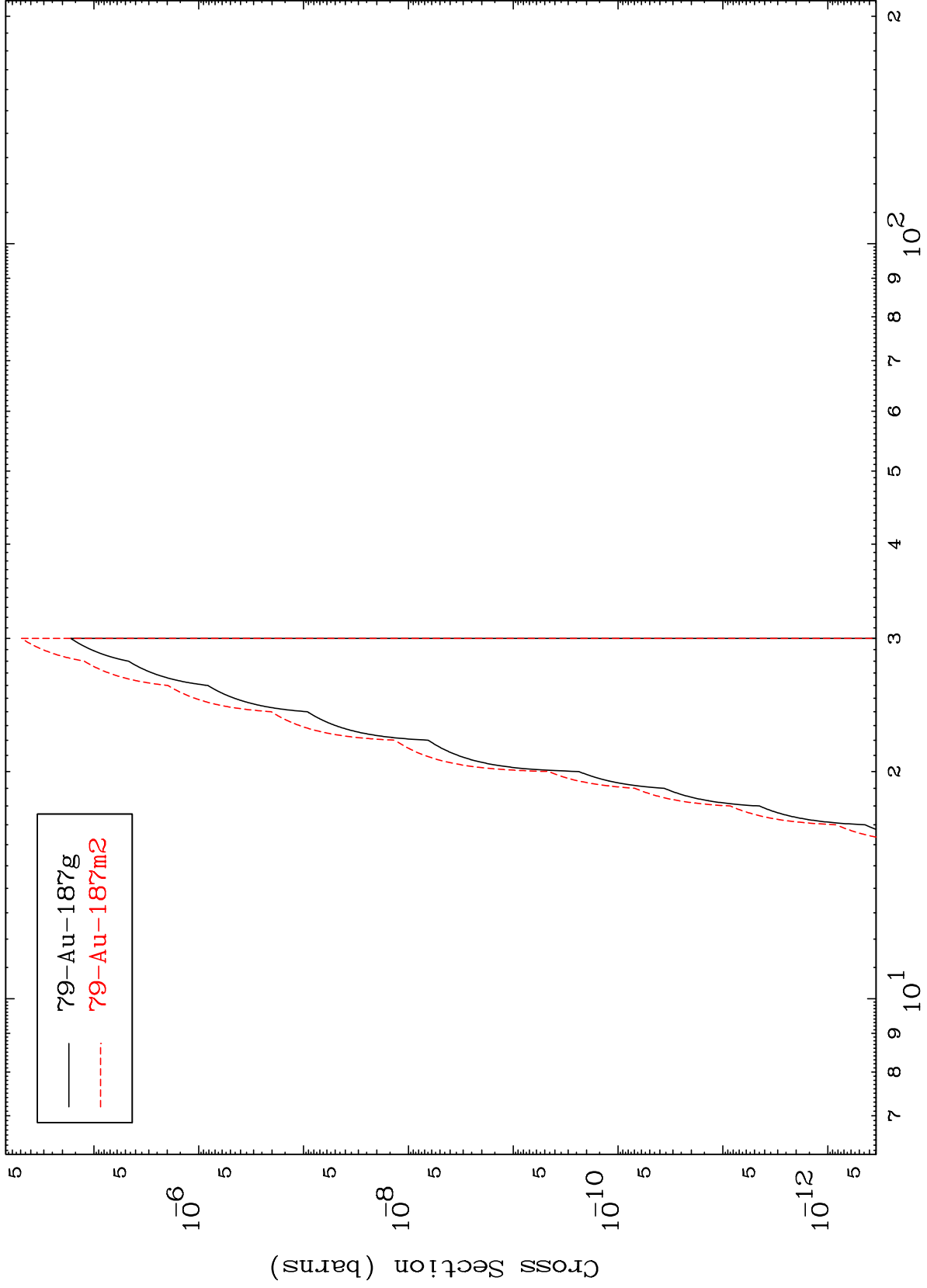


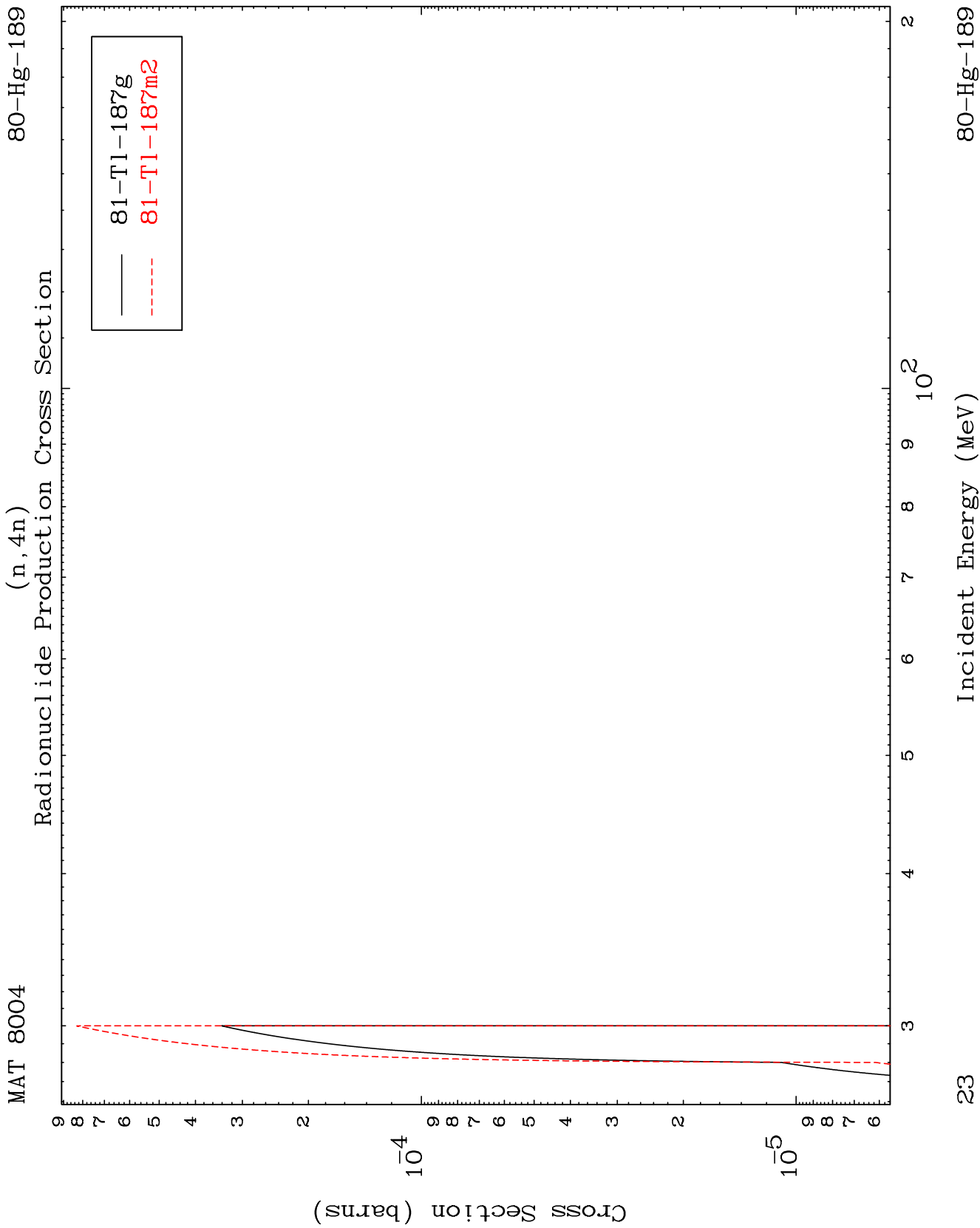
MAT 8004

(n,n') He-3

80-Hg-189

Radionuclide Production Cross Section



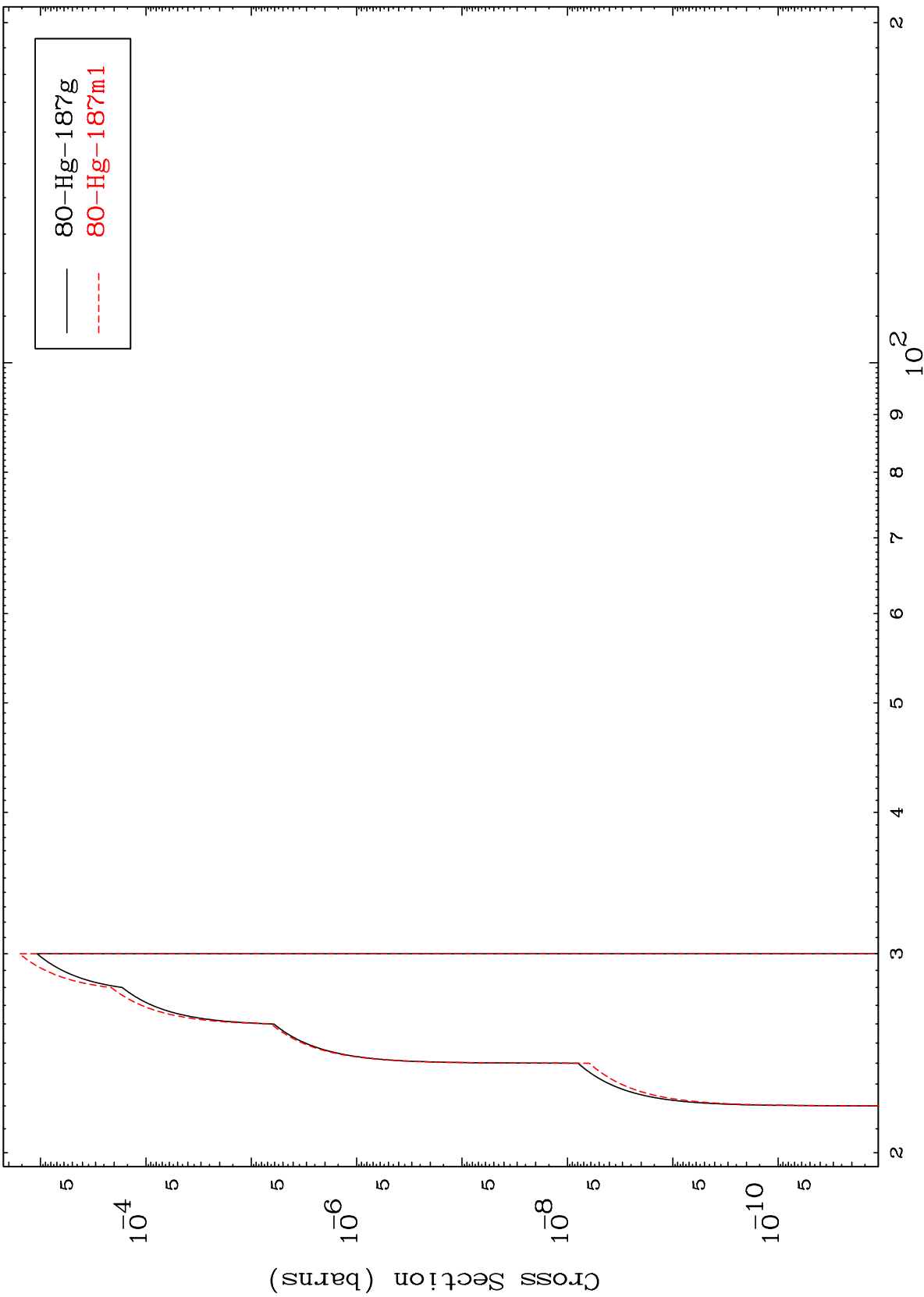


MAT 8004

(n,3n) p

80-Hg-189

Radionuclide Production Cross Section



24

Incident Energy (MeV)

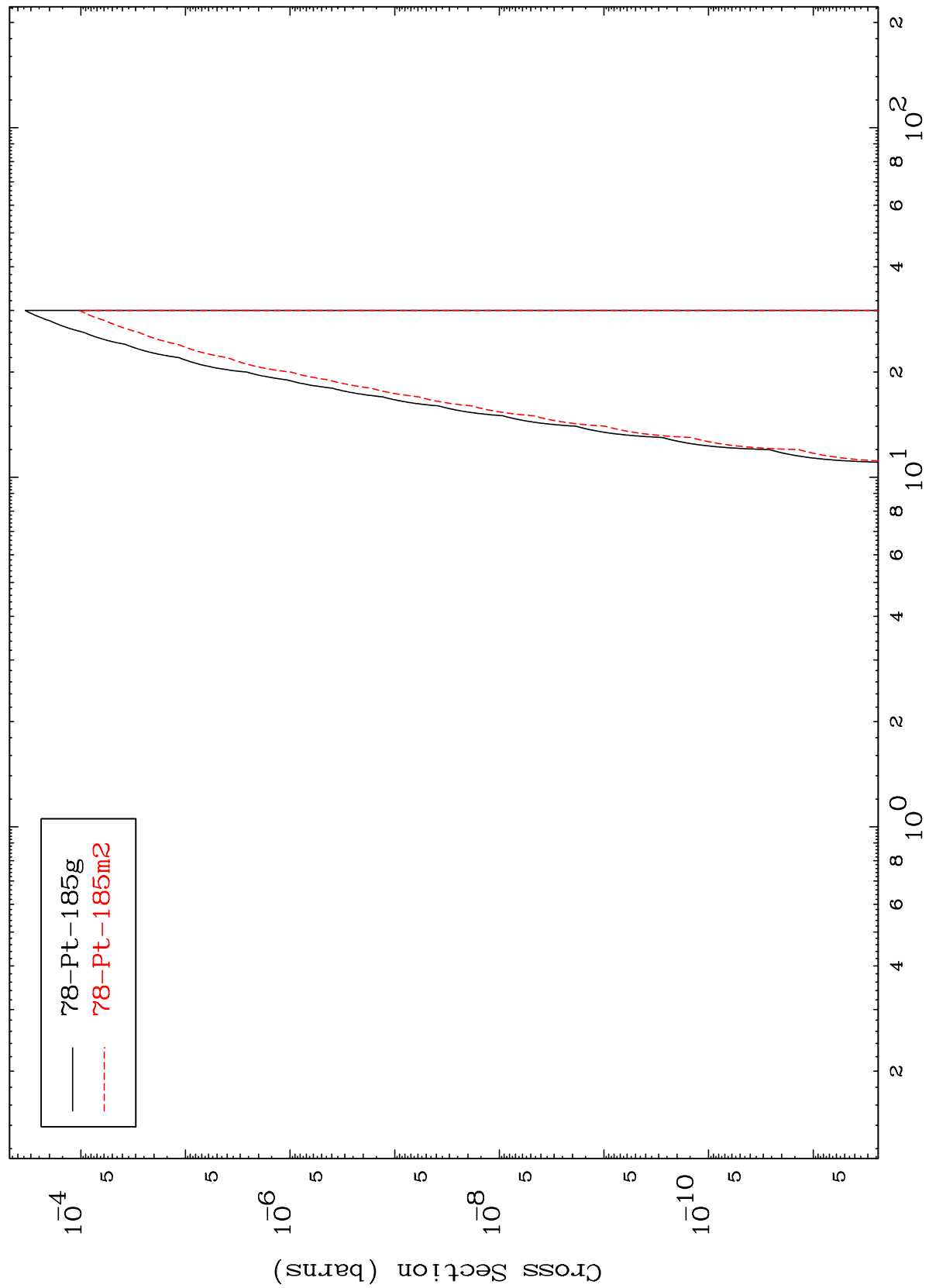
80-Hg-189

MAT 8004

(n,n') p  $\alpha$

80-Hg-189

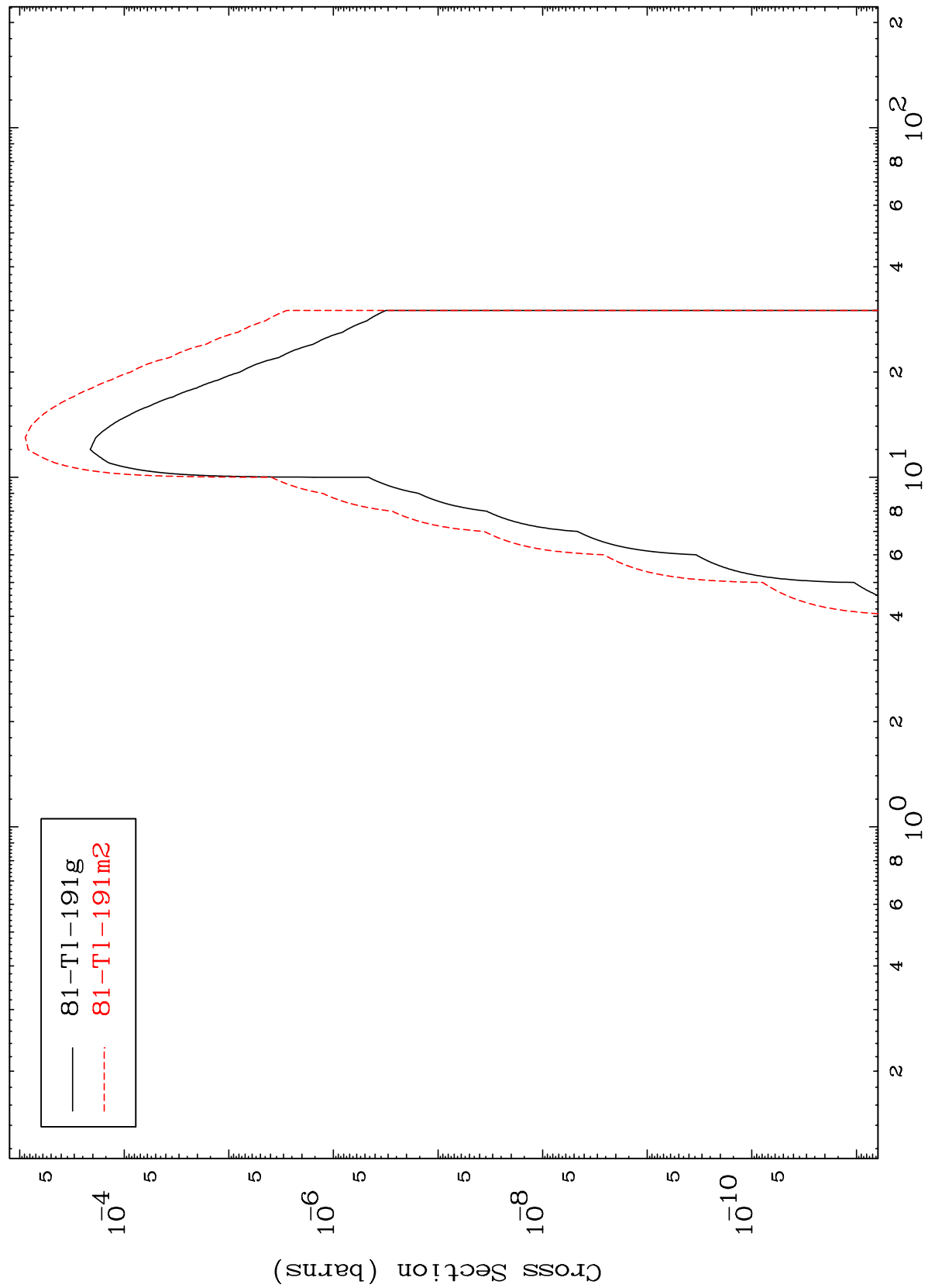
Radionuclide Production Cross Section



MAT 8004

80-Hg-189

(n,  $\gamma$ )  
Radionuclide Production Cross Section



80-Hg-189

Incident Energy (MeV)

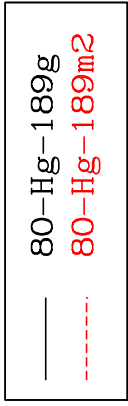
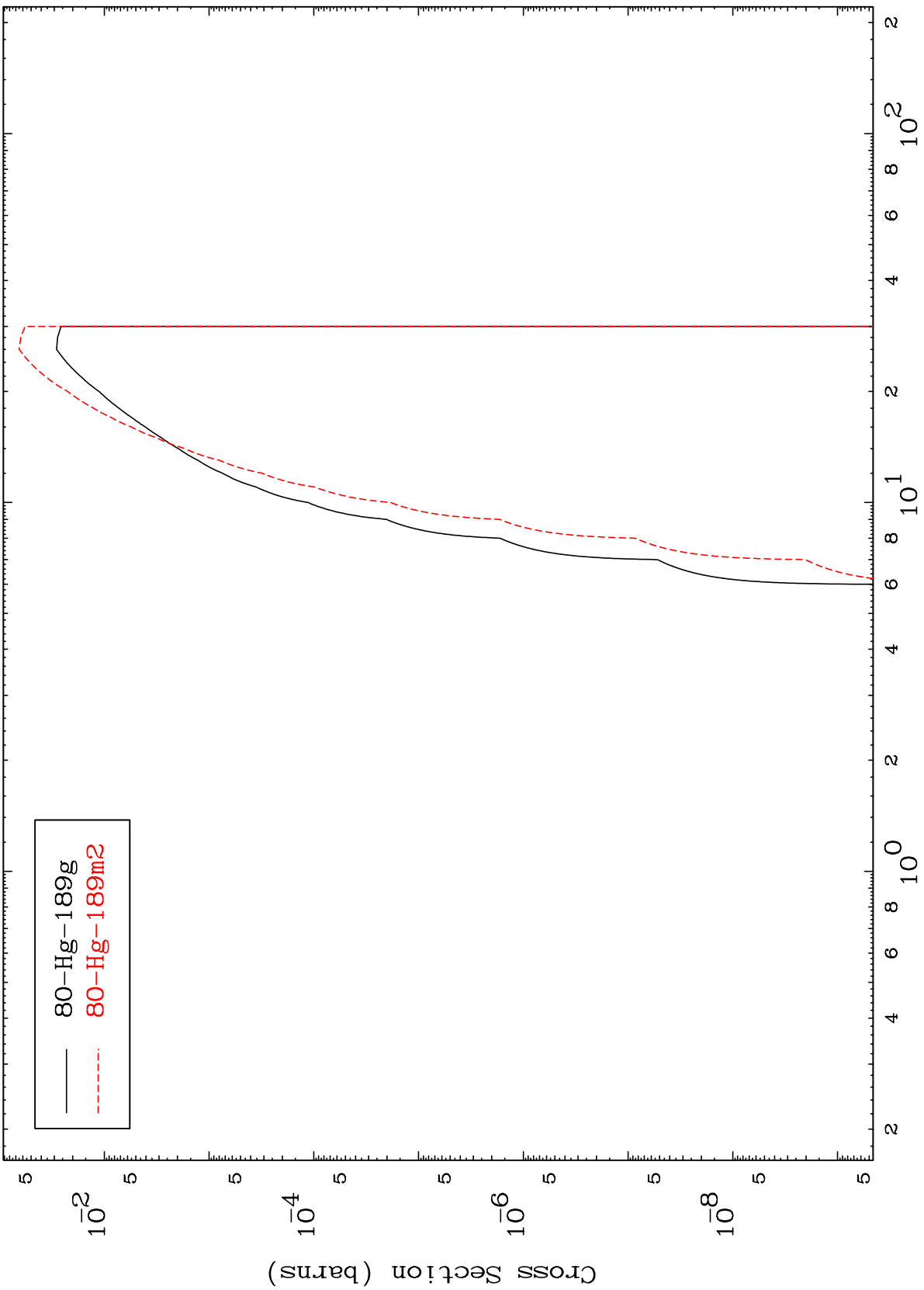
26

MAT 8004

(n, d)

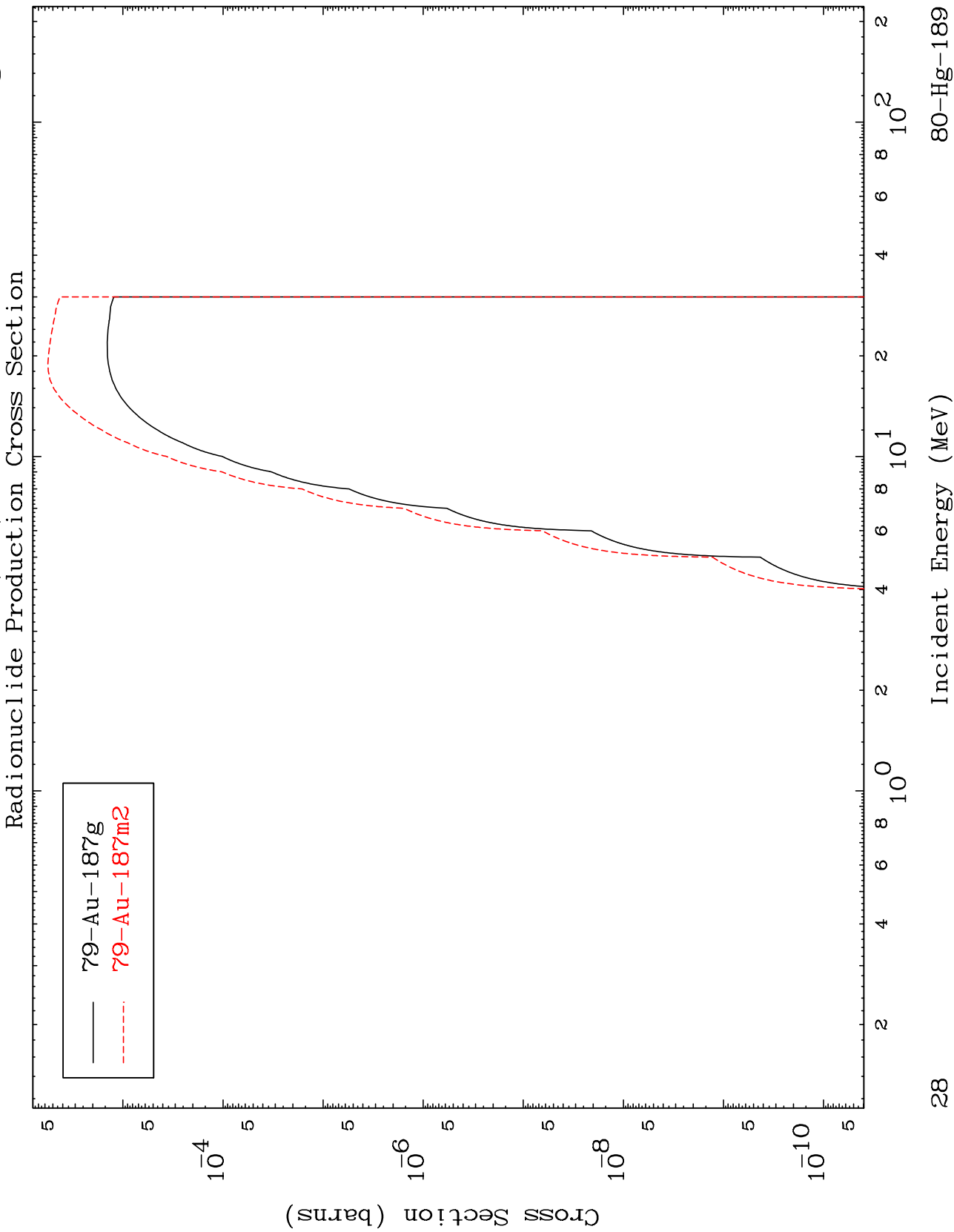
80-Hg-189

Radionuclide Production Cross Section



MAT 8004

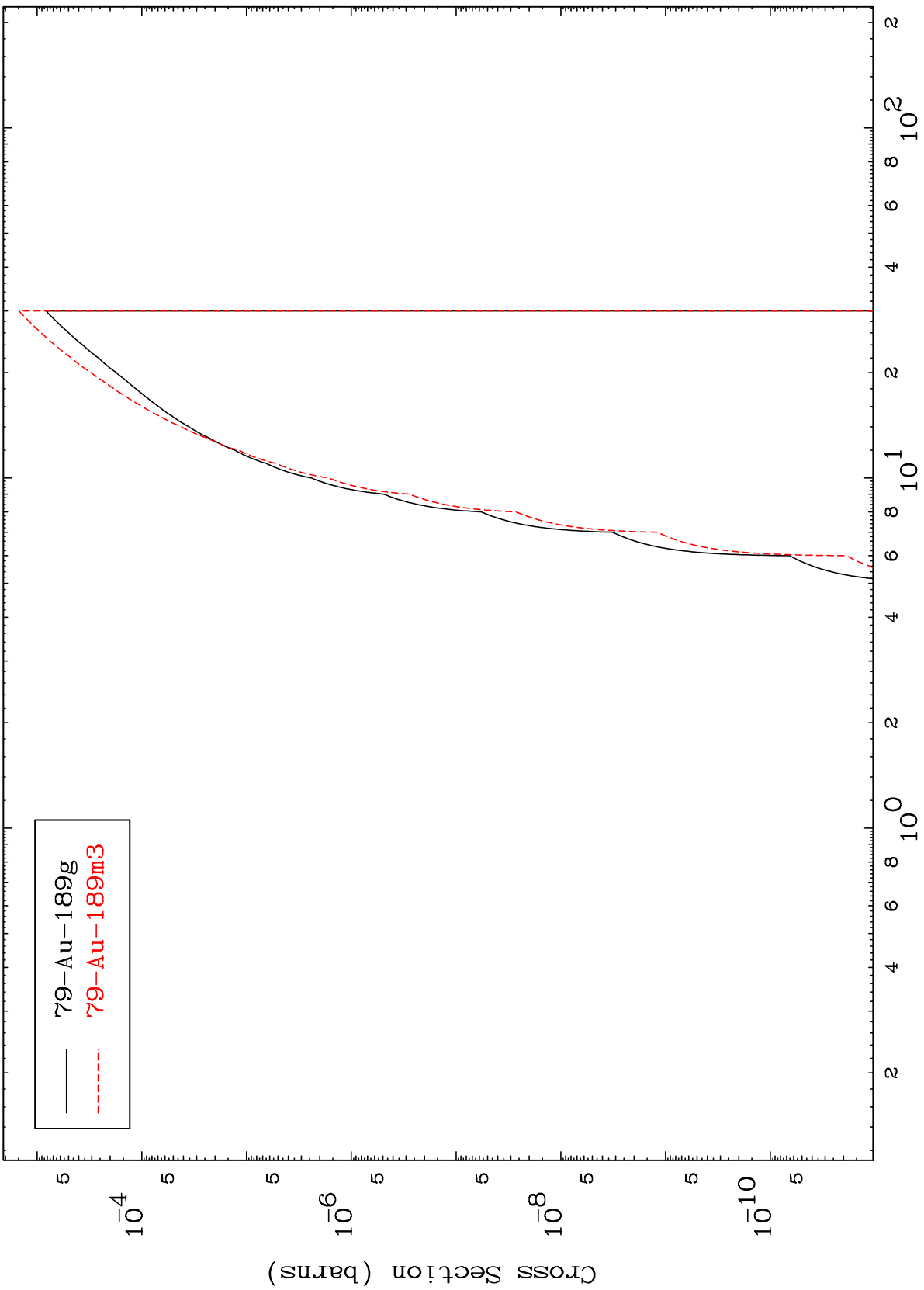
80-Hg-189



MAT 8004

80-Hg-189

Radionuclide Production Cross Section  
(n,2p)



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

80-Hg-189

Incident Energy (MeV)

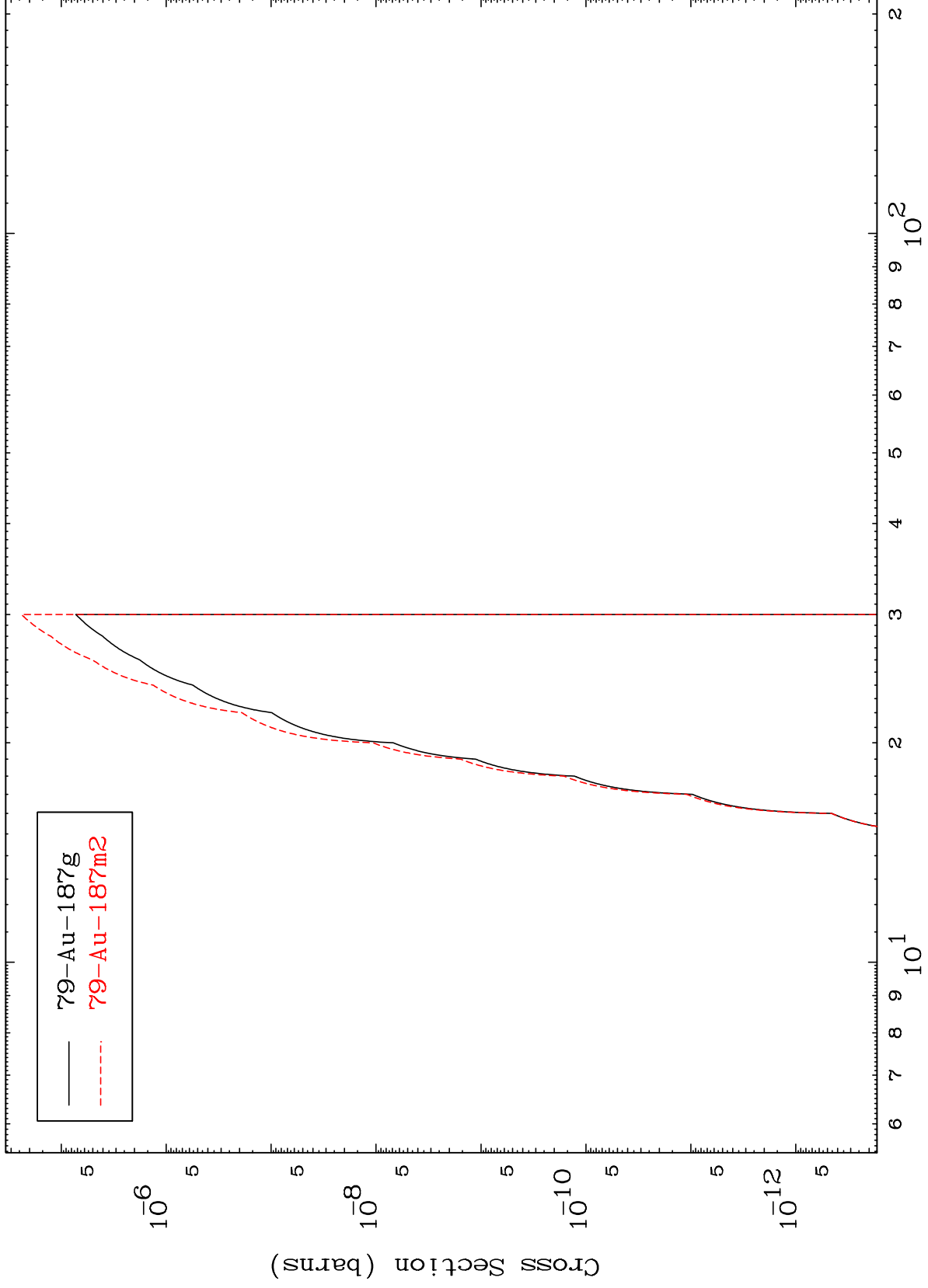
29

MAT 8004

(n,p) t

80-Hg-189

Radionuclide Production Cross Section



30

Incident Energy (MeV)

80-Hg-189

MAT 8004

(n,d)  $\alpha$

80-Hg-189

Radionuclide Production Cross Section

