

Program EVALPLOT  
(Version 2021-1)

by

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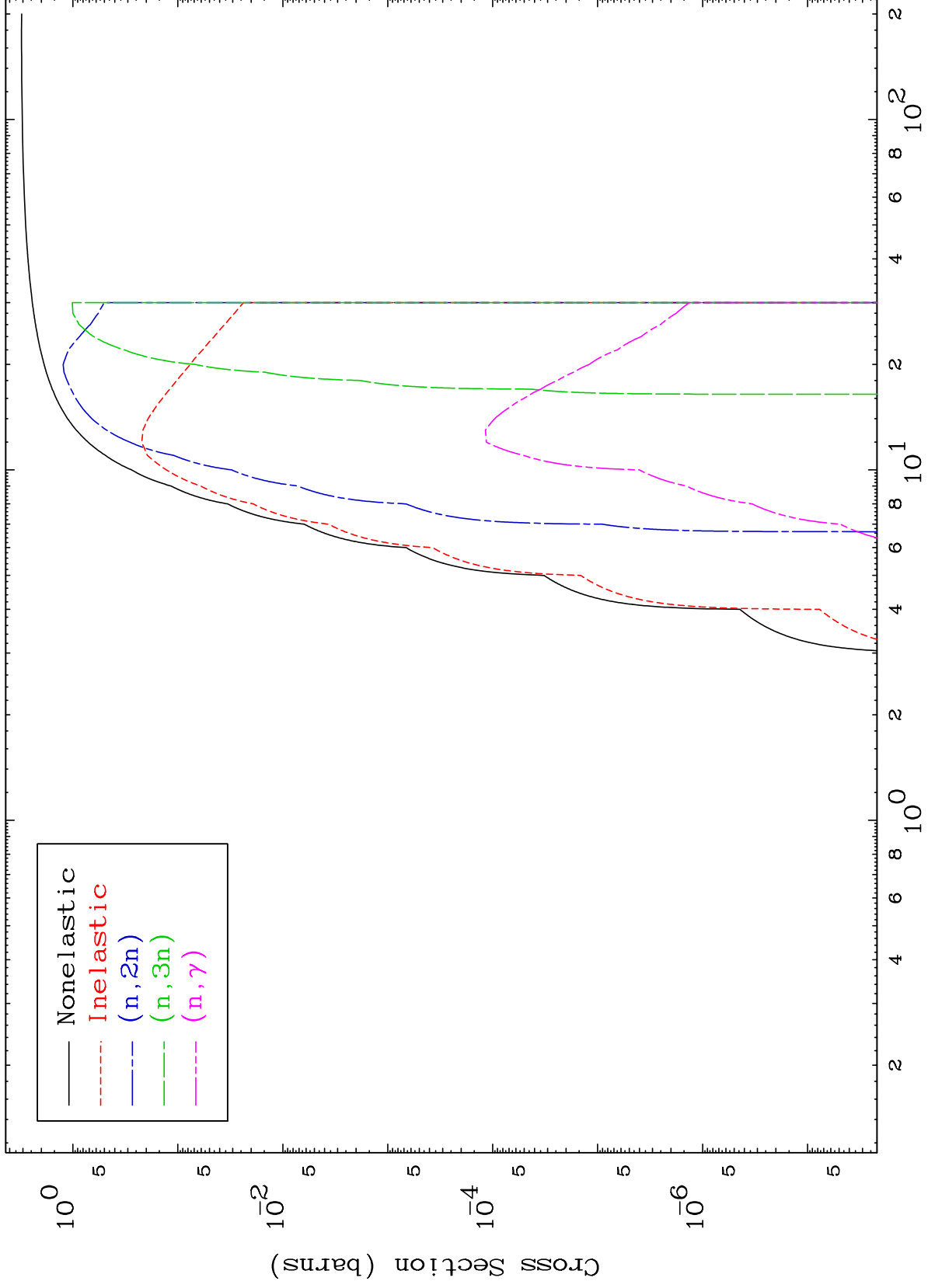
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8016

Deuteron Major  
0 Kelvin Cross Sections

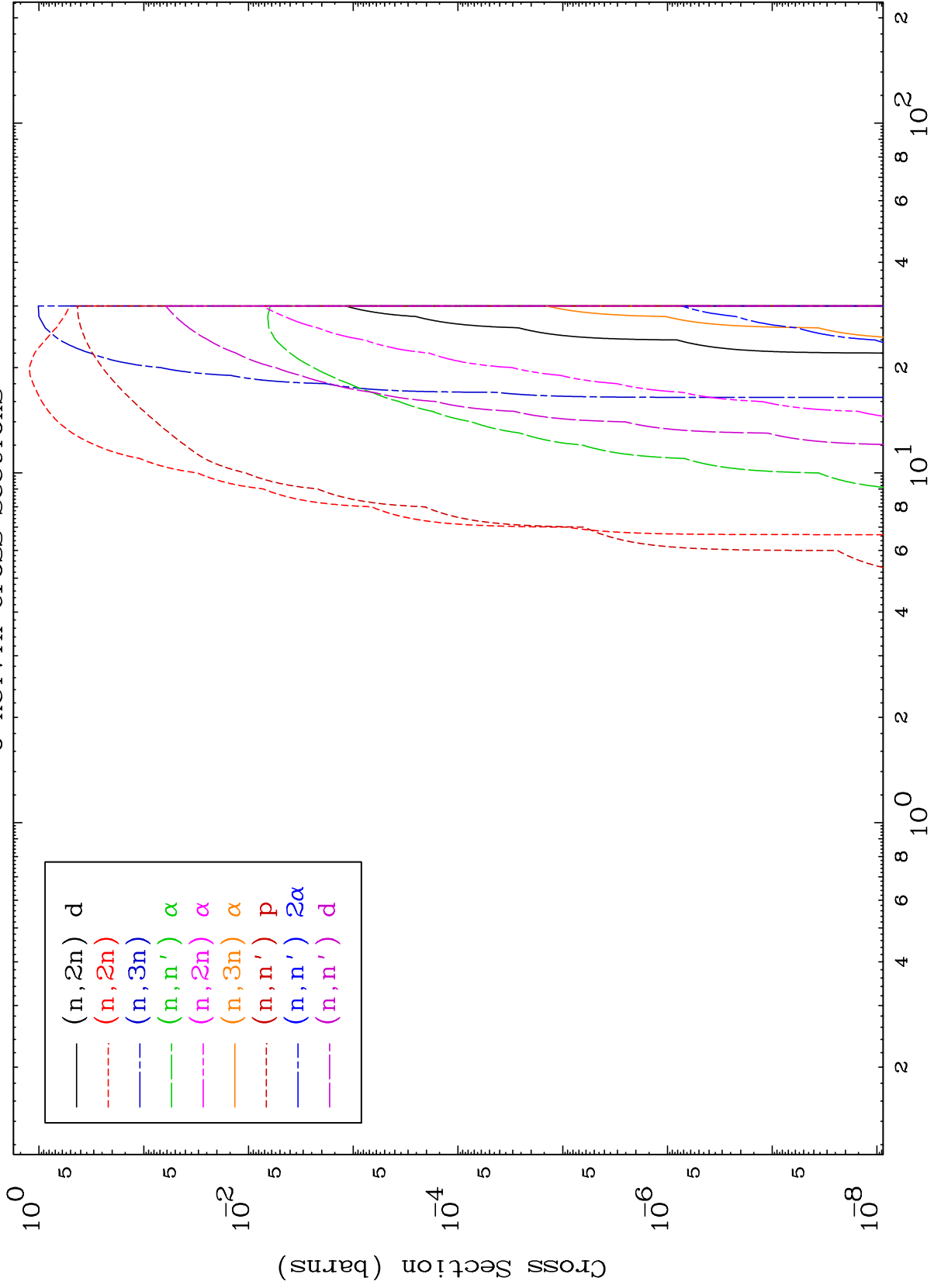
80-Hg-193

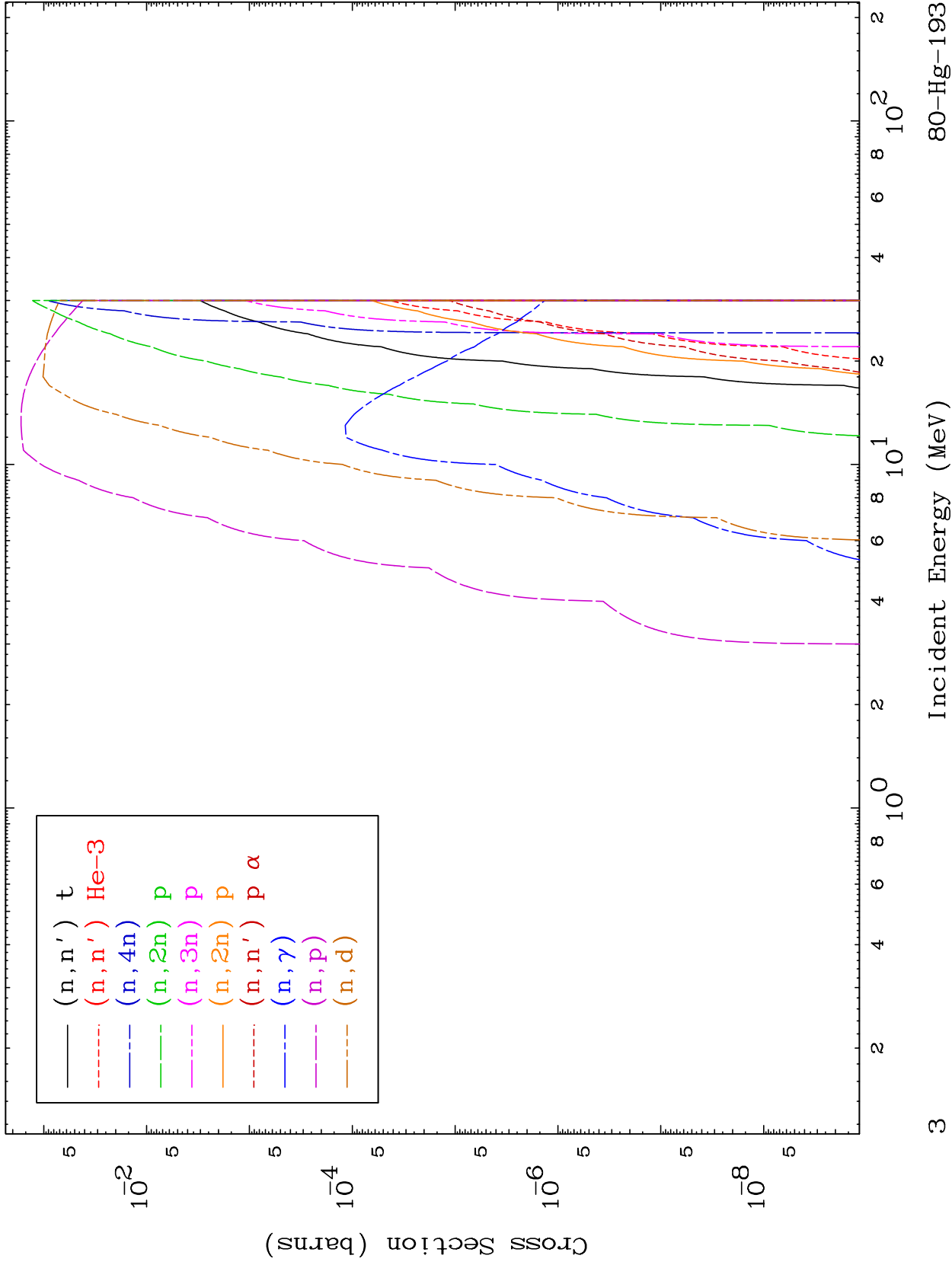


MAT 8016

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-193



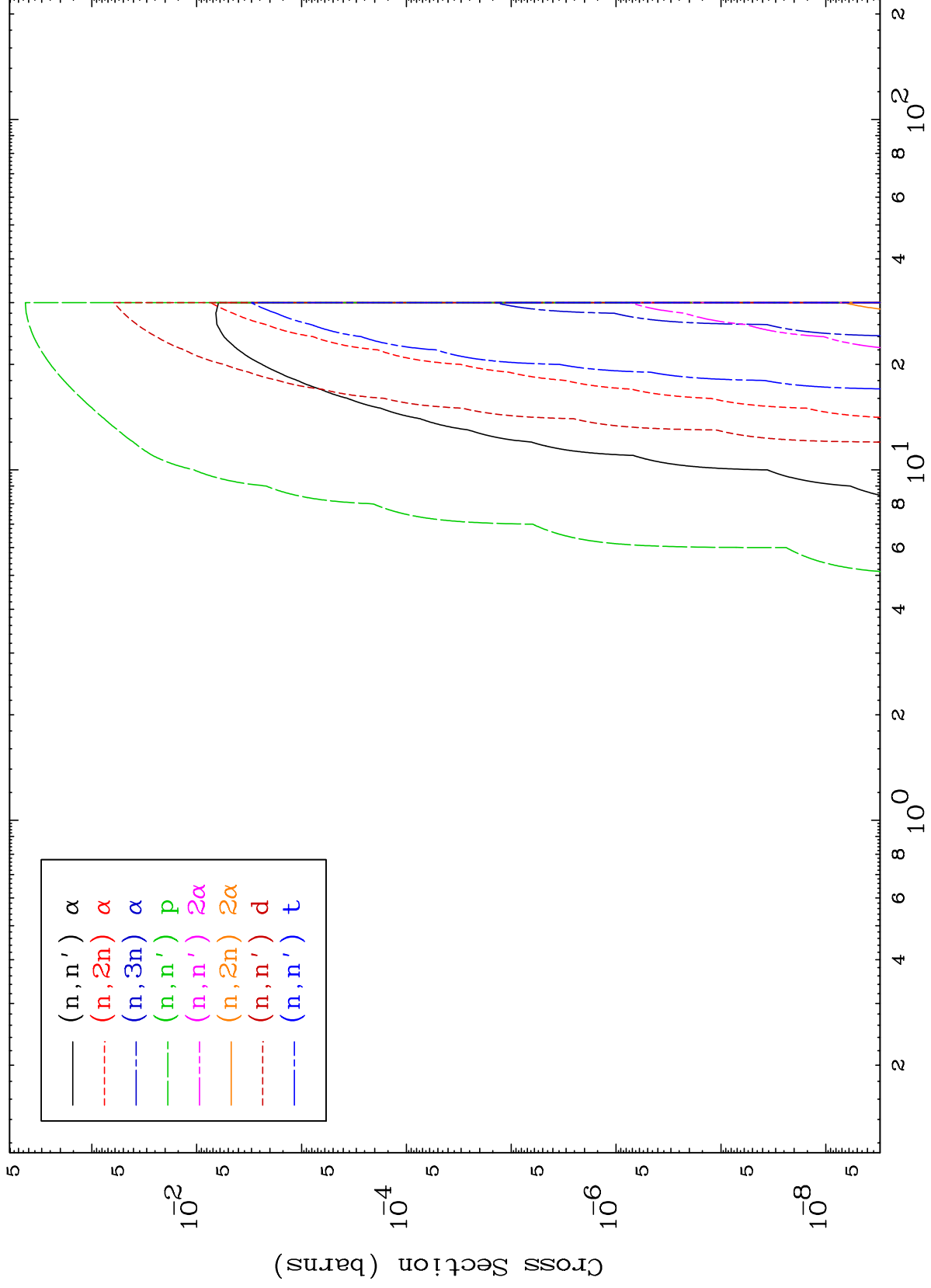




MAT 8016

Deuteron Charged Particle  
0 Kelvin Cross Sections

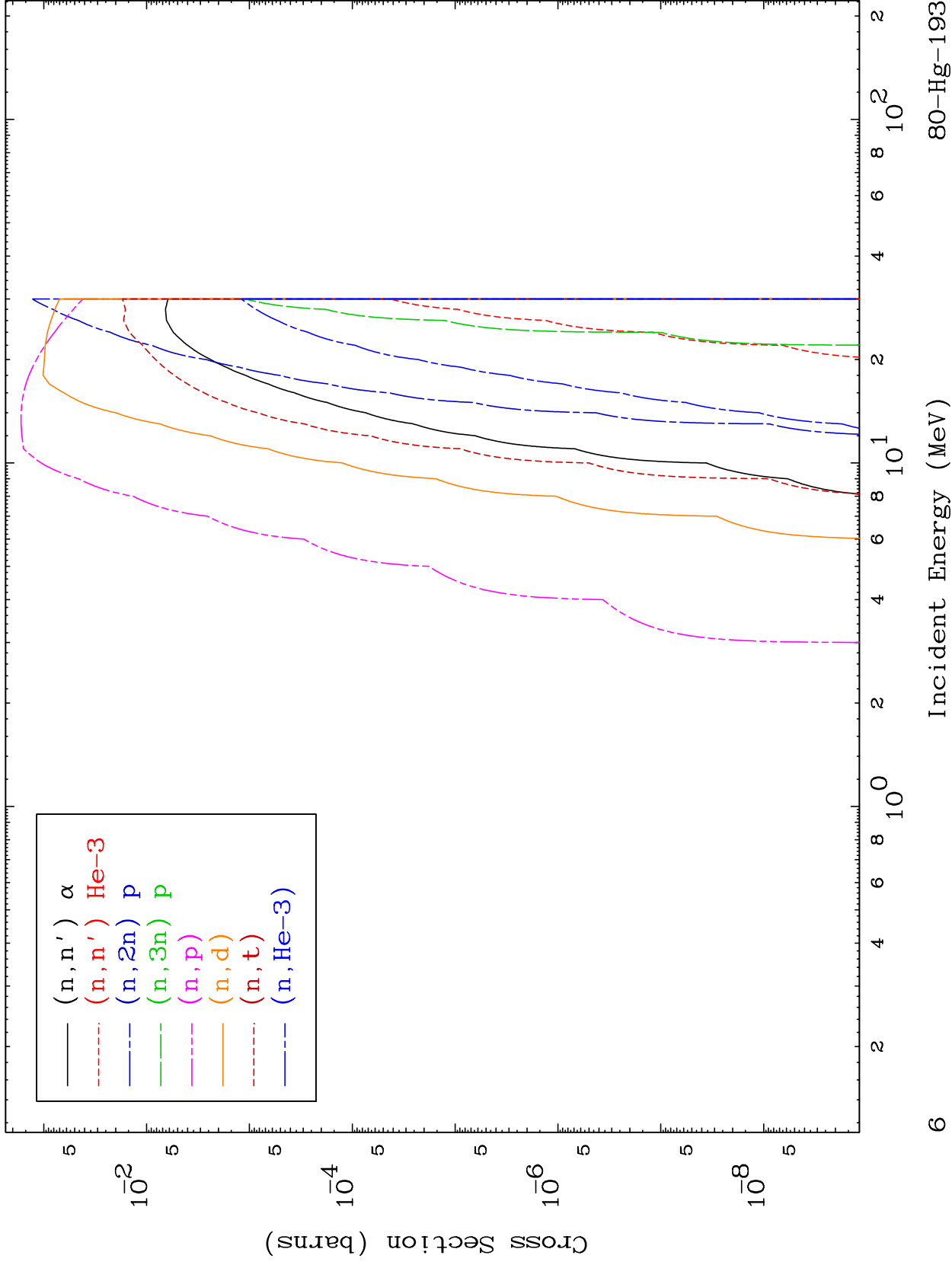
80-Hg-193



5

Incident Energy (MeV)

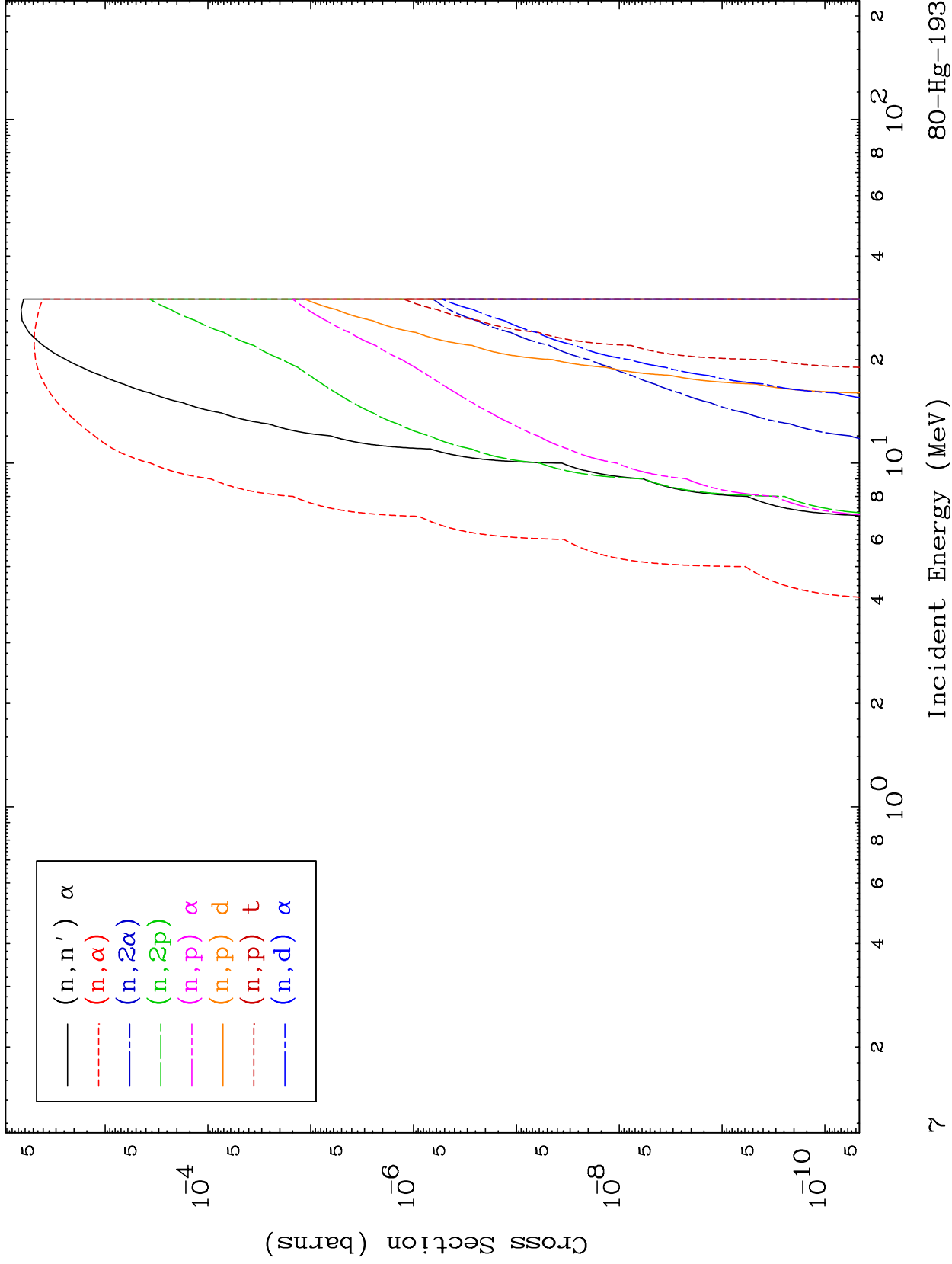
80-Hg-193



MAT 8016

Deuteron Charged Particle  
0 Kelvin Cross Sections

80-Hg-193



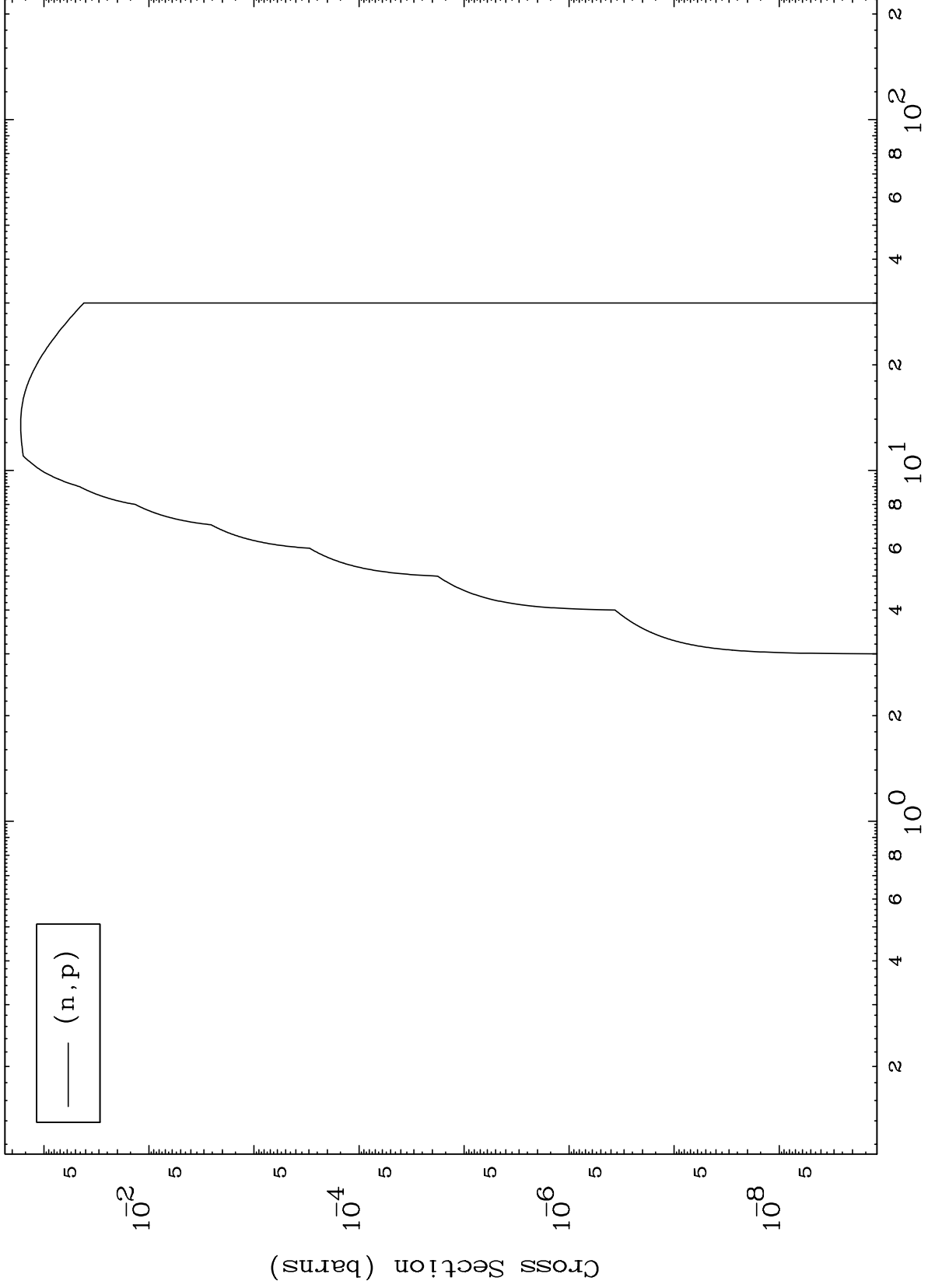


MAT 8016

(d,p) Levels

80-Hg-193

0 Kelvin Cross Sections

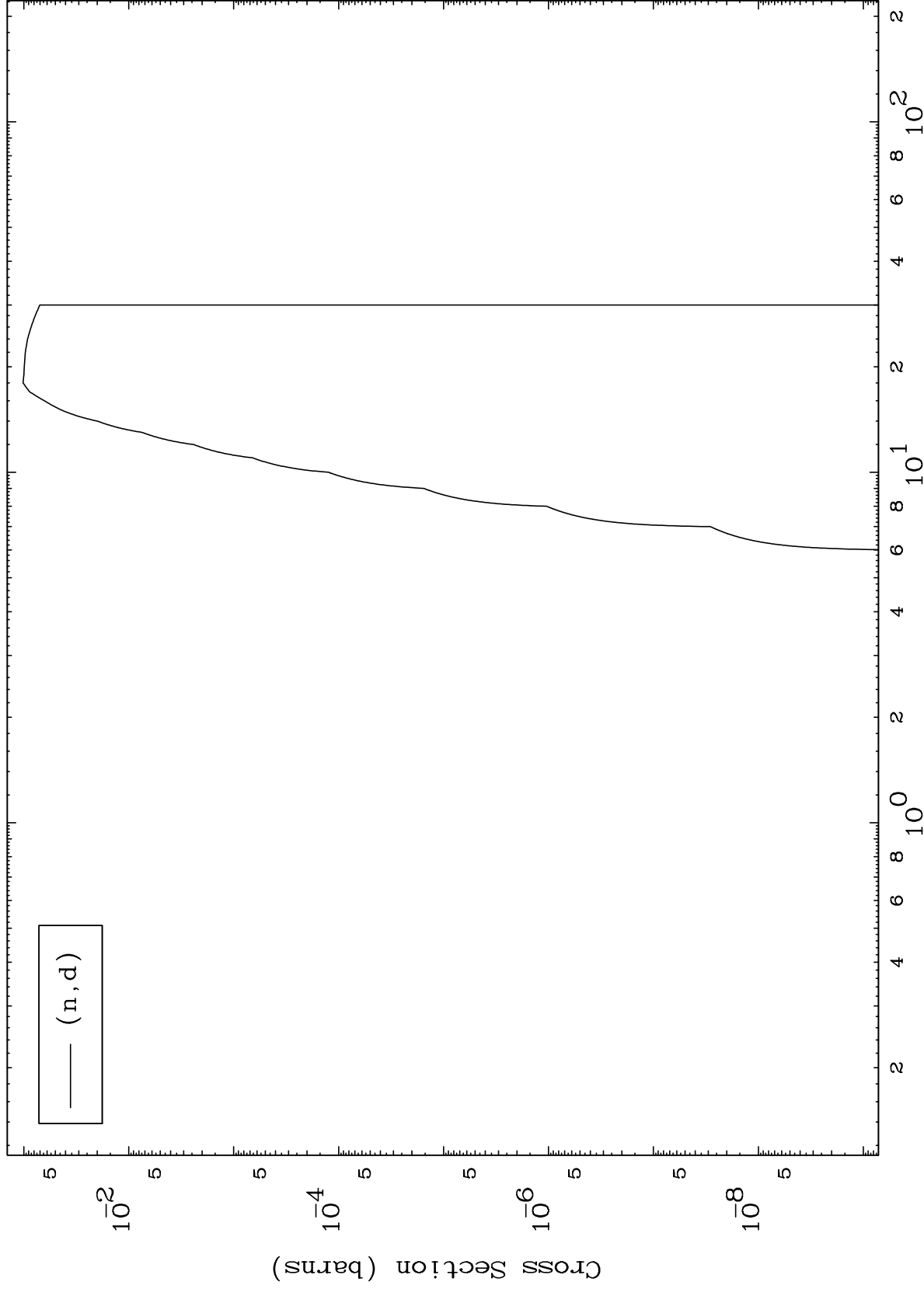


(n,p)

MAT 8016

80-Hg-193

(d,d) Levels  
0 Kelvin Cross Sections

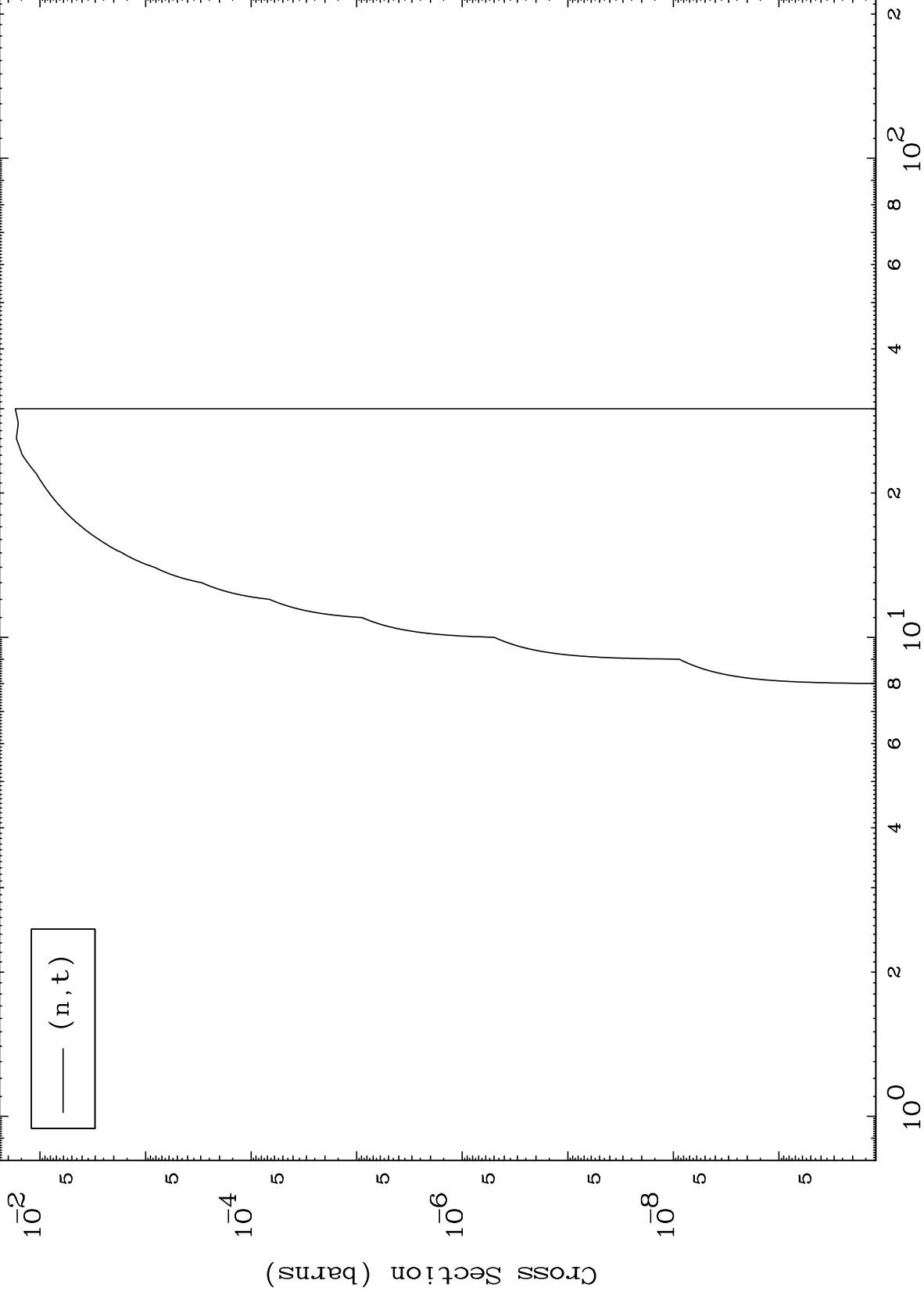


MAT 8016

(d, t) Levels

80-Hg-193

0 Kelvin Cross Sections



Incident Energy (MeV)

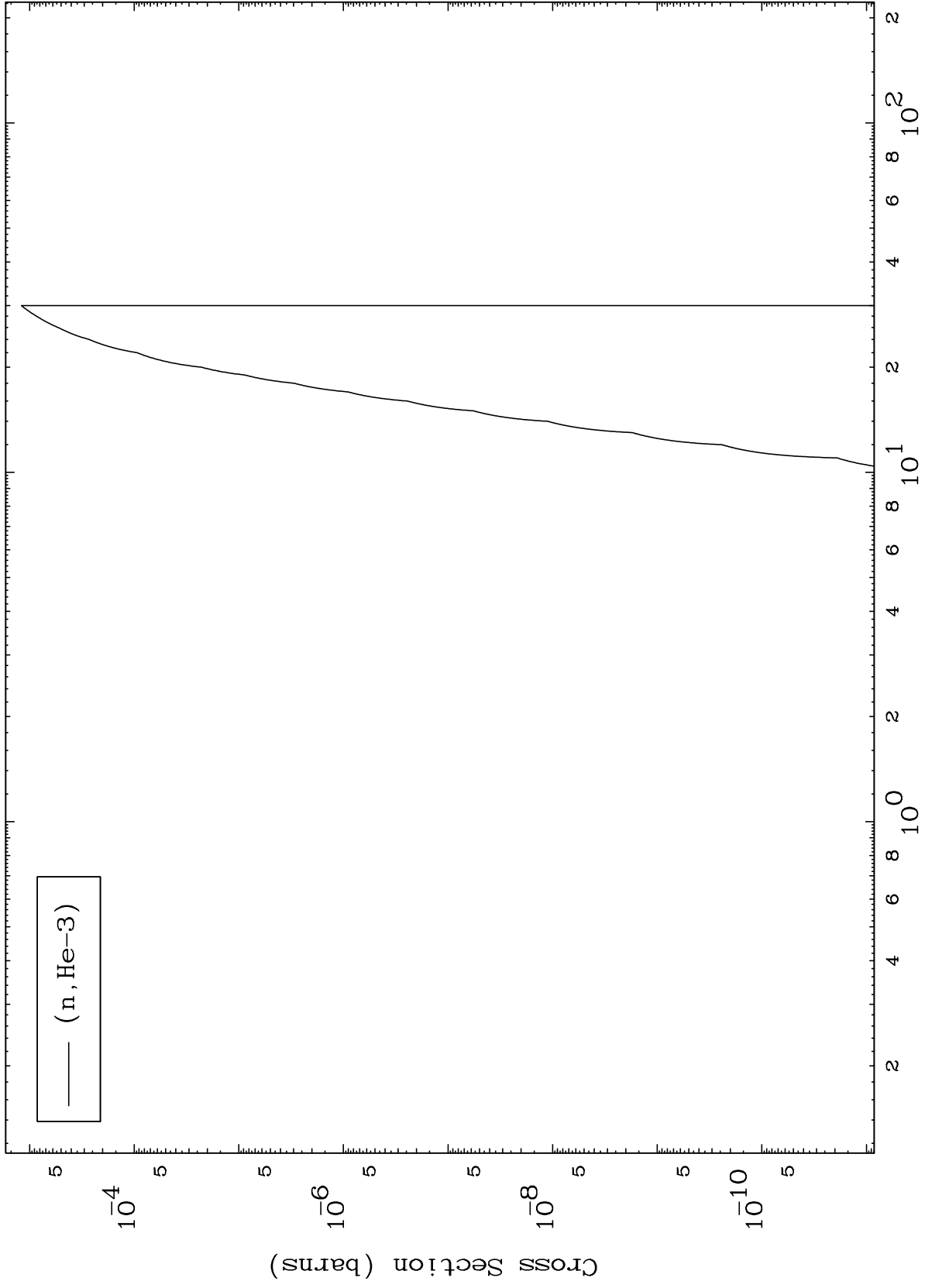
80-Hg-193

MAT 8016

(d,He3) Levels

80-Hg-193

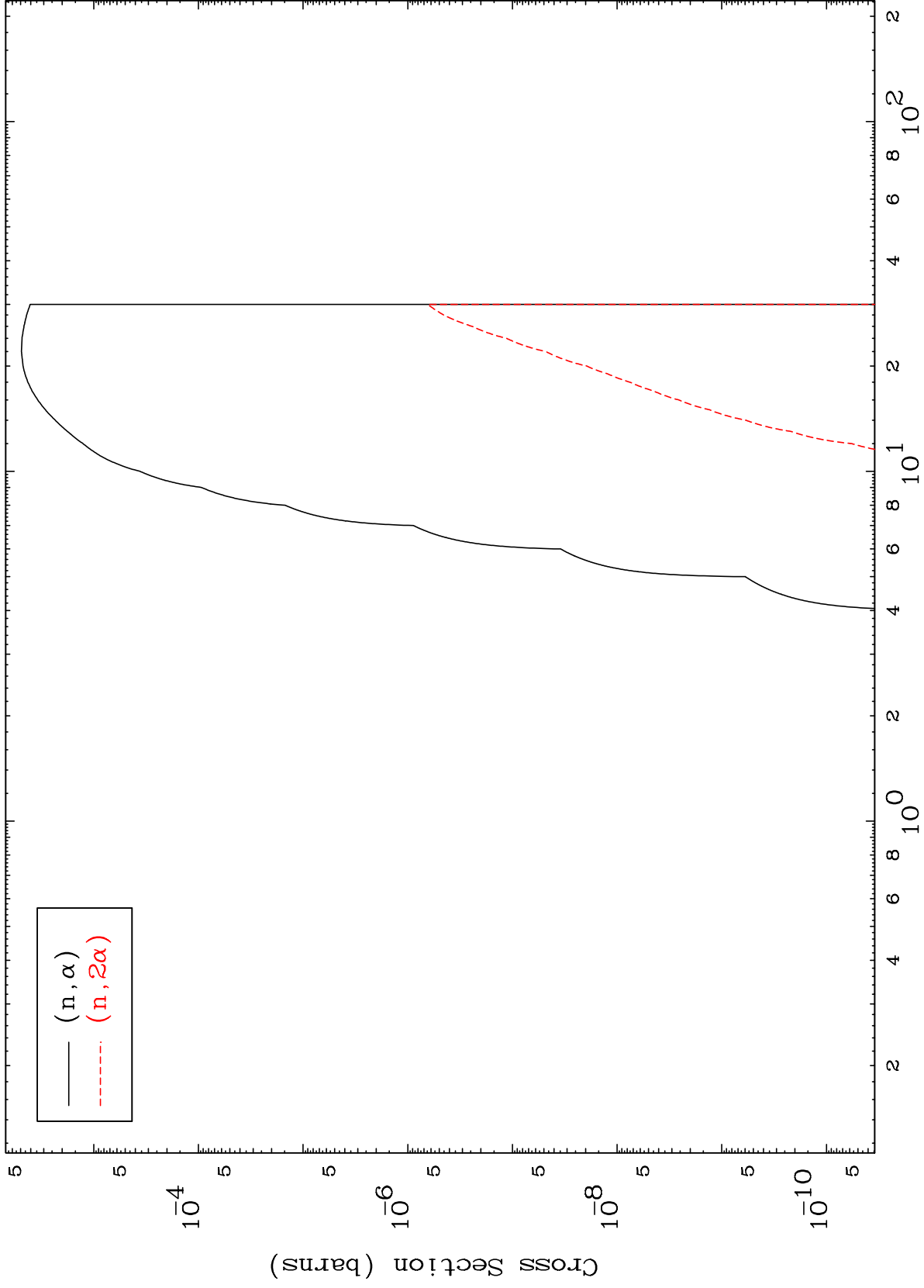
0 Kelvin Cross Sections



MAT 8016

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

80-Hg-193



12

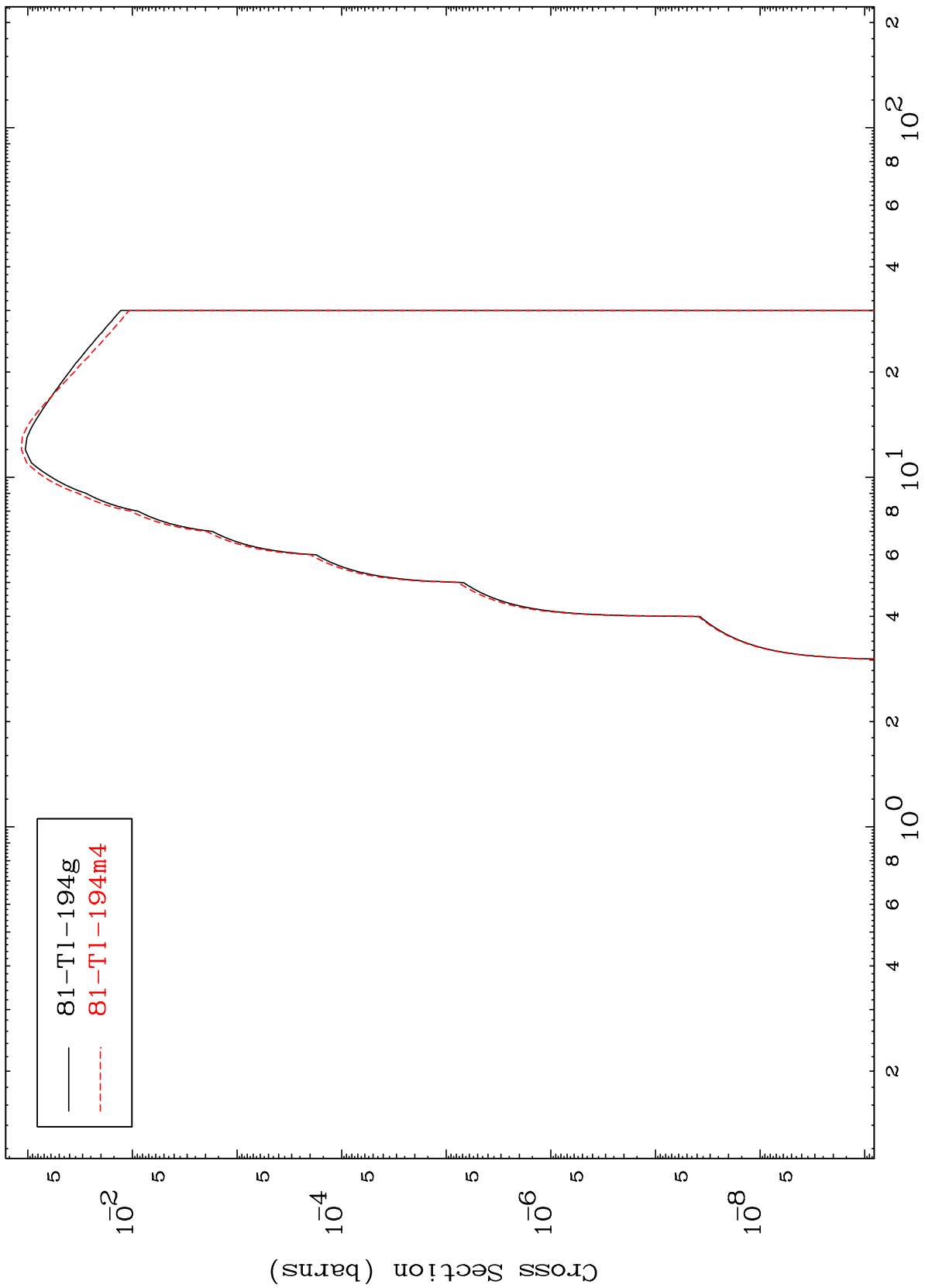
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

Inelastic  
Radionuclide Production Cross Section



13

80-Hg-193

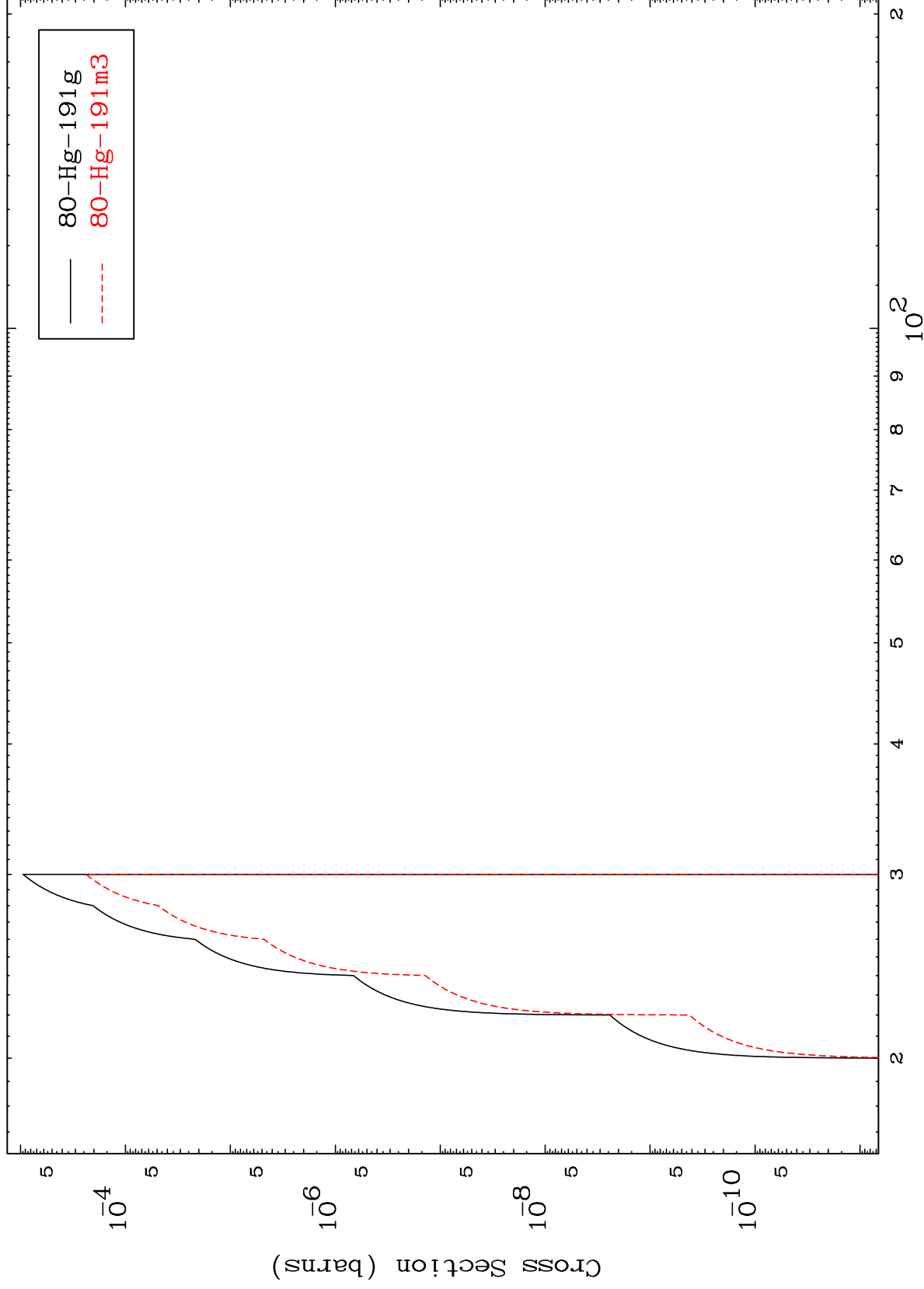
Incident Energy (MeV)

MAT 8016

(n,2n) d

80-Hg-193

Radionuclide Production Cross Section



14

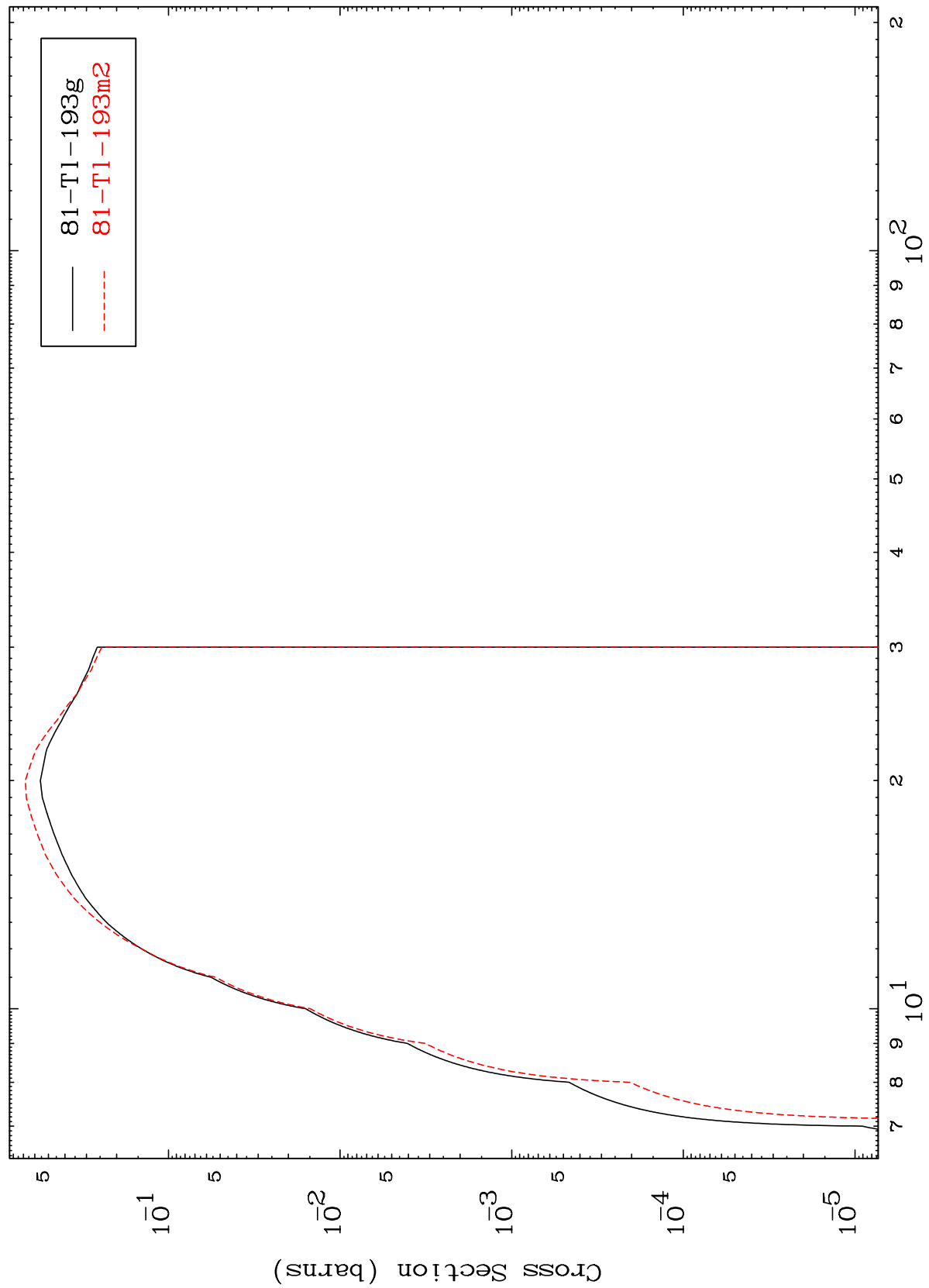
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n,2n)  
Radionuclide Production Cross Section



80-Hg-193

Incident Energy (MeV)

15

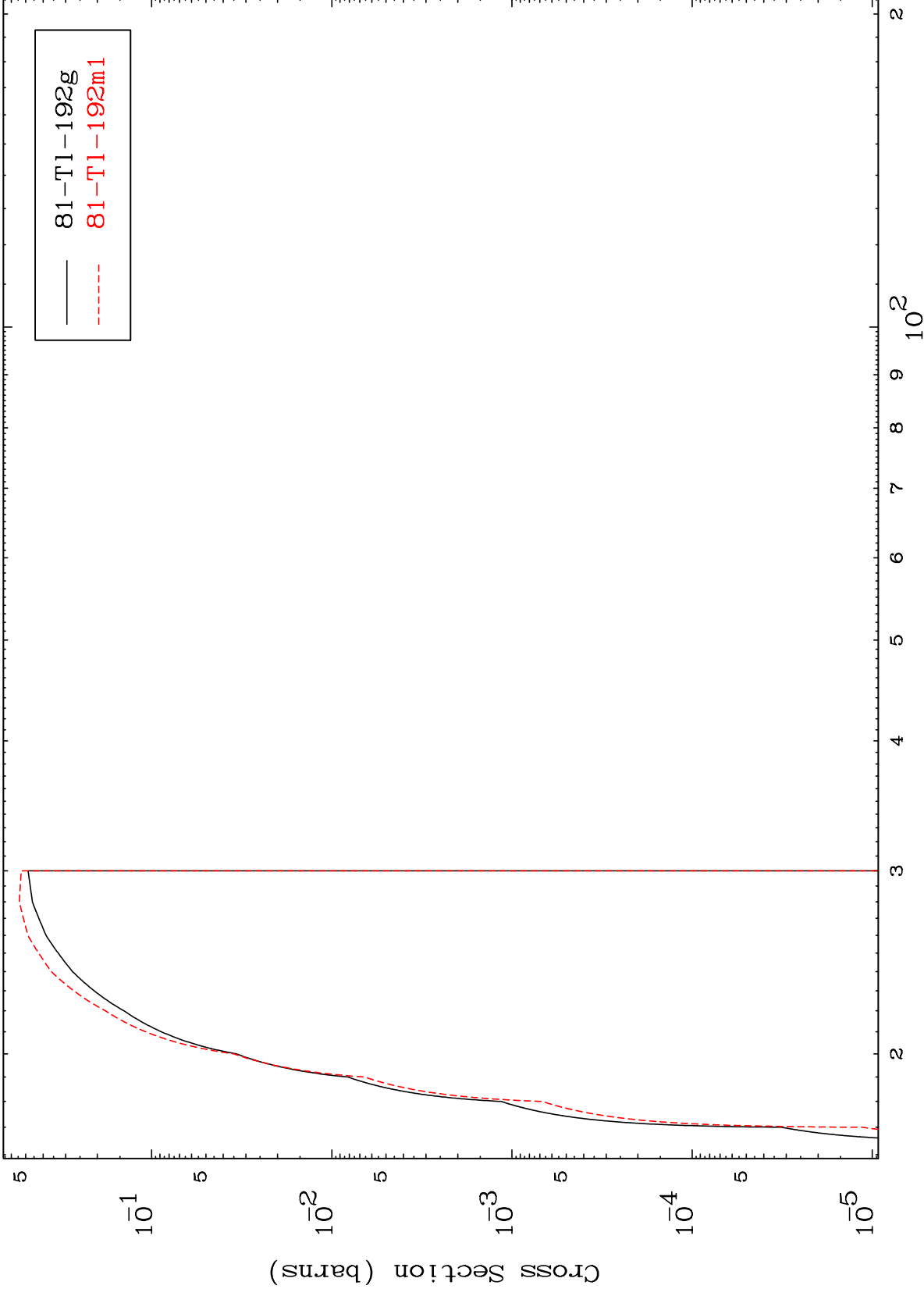


MAT 8016

(n,3n)

80-Hg-193

Radionuclide Production Cross Section



16

Incident Energy (MeV)

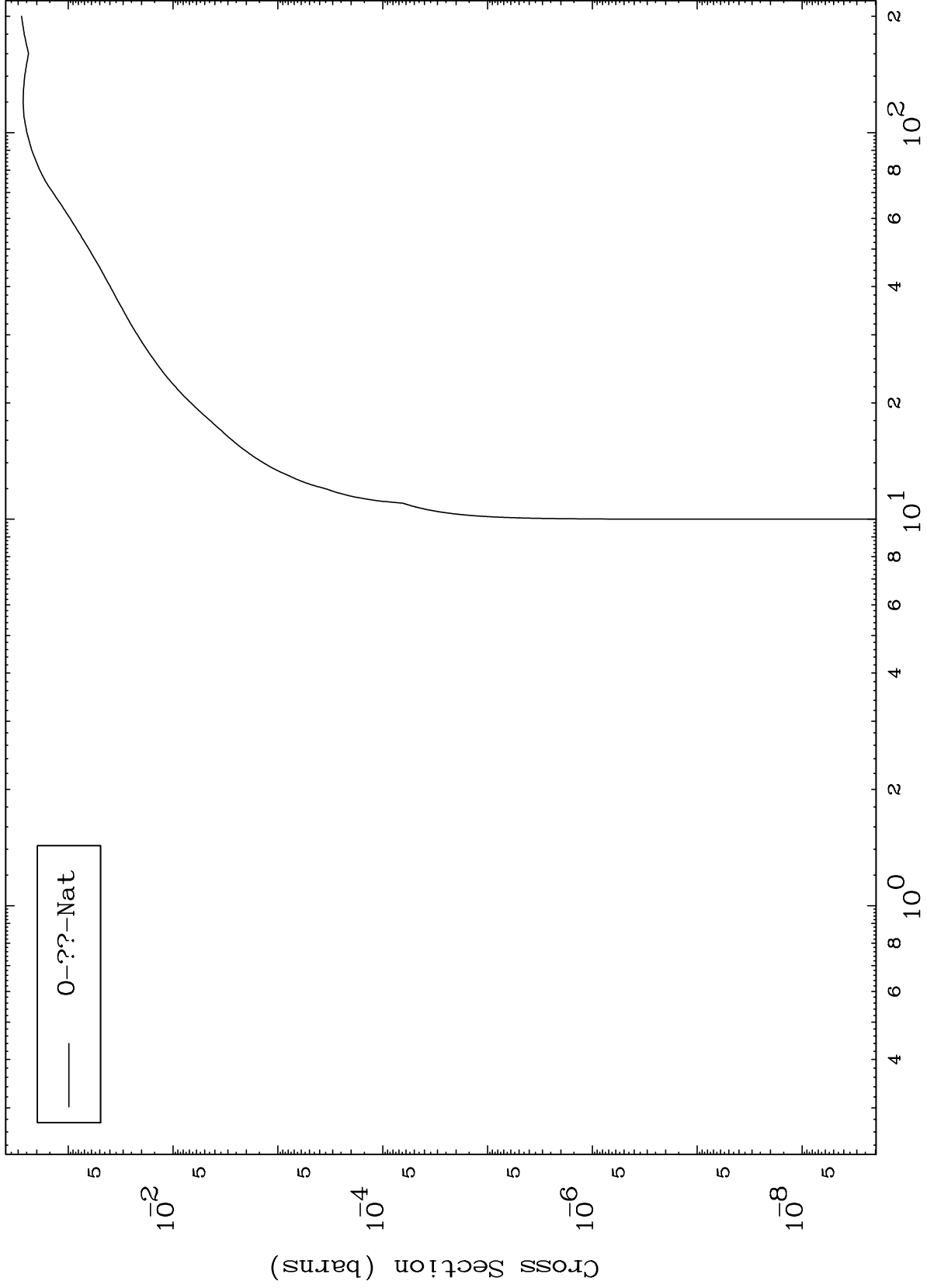
80-Hg-193

MAT 8016

Fission

80-Hg-193

Radionuclide Production Cross Section

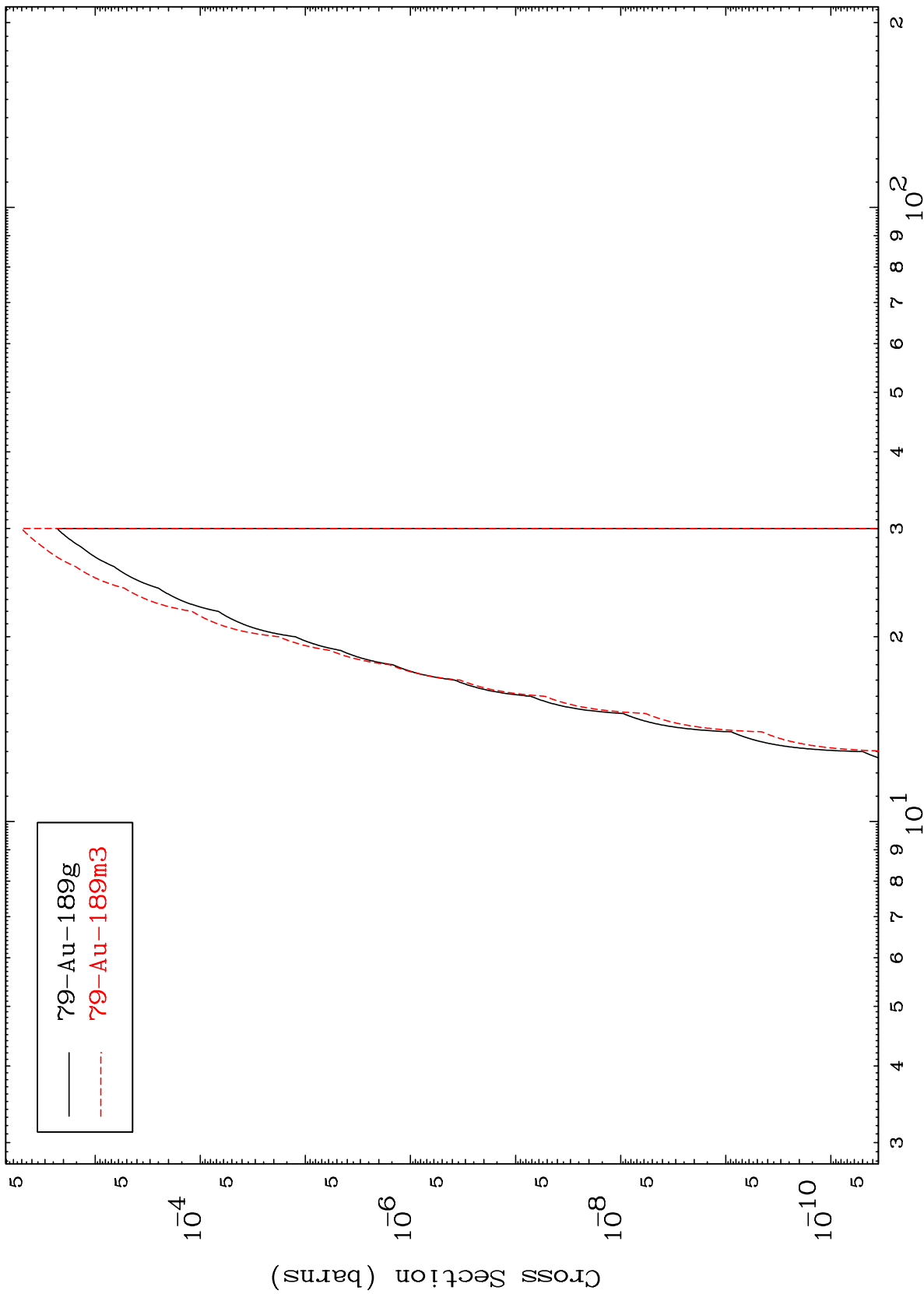


MAT 8016

(n,2n)  $\alpha$

80-Hg-193

Radionuclide Production Cross Section



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

Incident Energy (MeV)

80-Hg-193

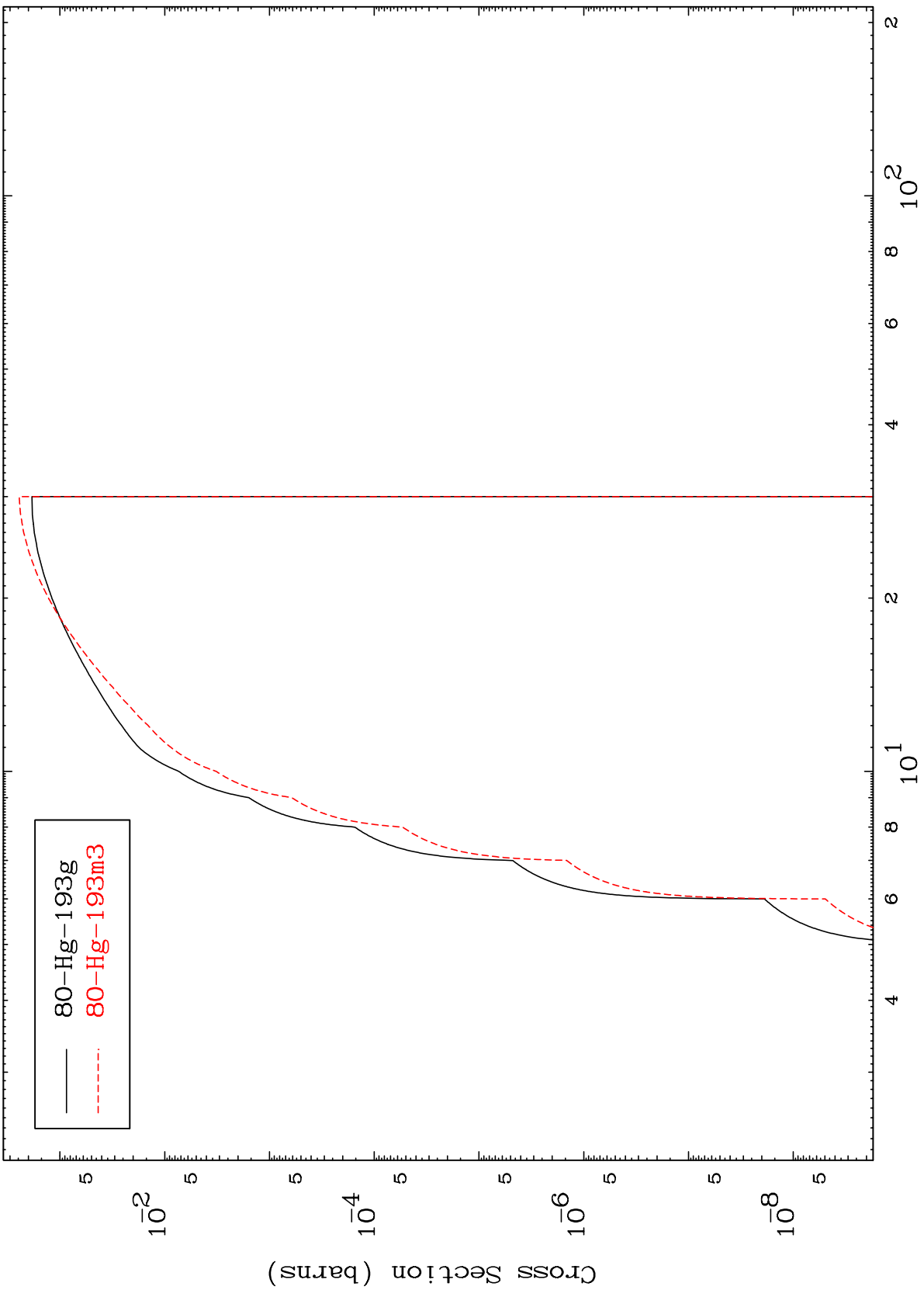
18

MAT 8016

(n,n') p

80-Hg-193

Radionuclide Production Cross Section



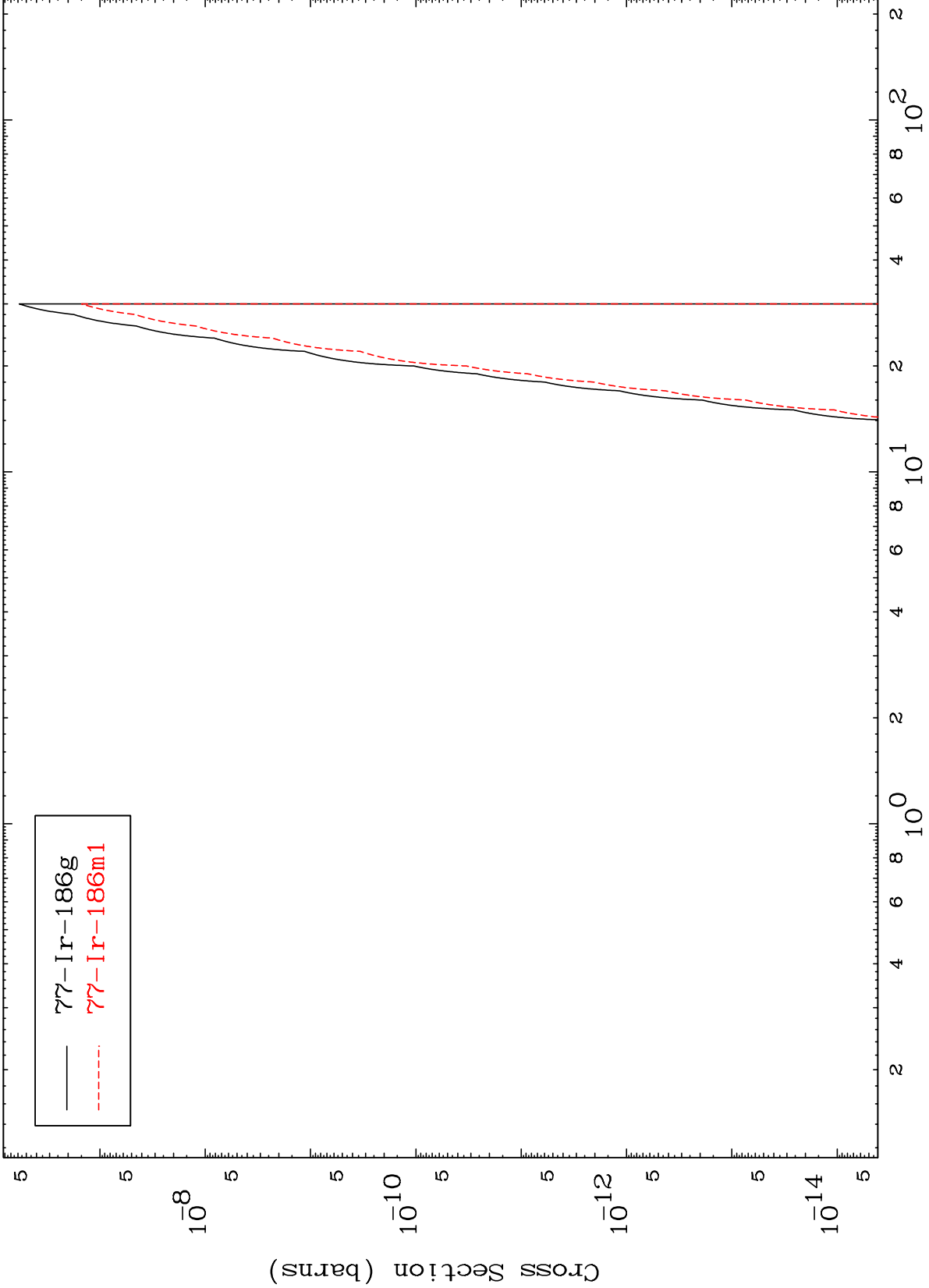
80-Hg-193g  
80-Hg-193m3

MAT 8016

(n,n') 2α

80-Hg-193

Radionuclide Production Cross Section



—  $^{77}\text{Ir-186g}$   
- - -  $^{77}\text{Ir-186m1}$

20

Incident Energy (MeV)

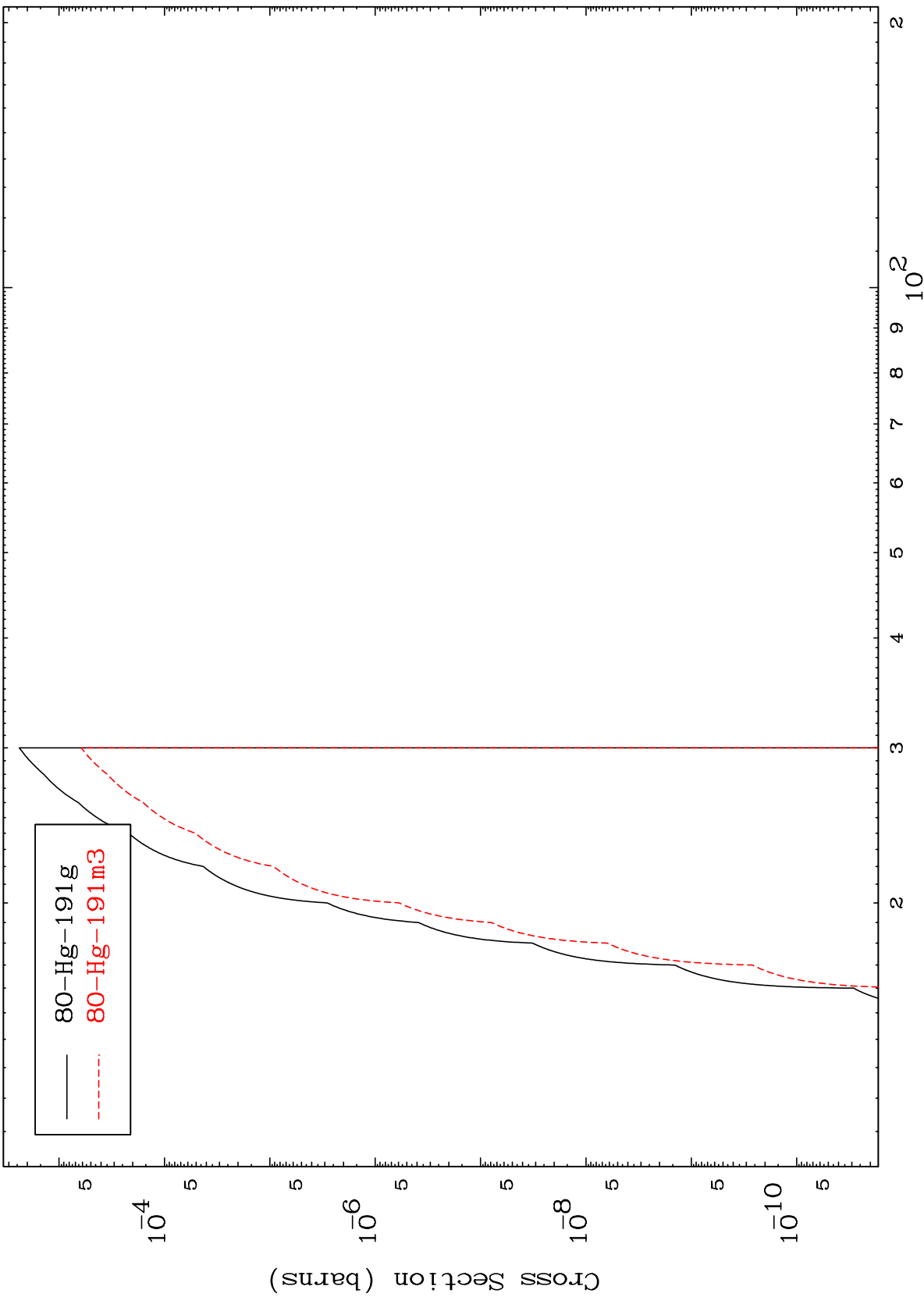
80-Hg-193

MAT 8016

(n,n') t

80-Hg-193

Radionuclide Production Cross Section

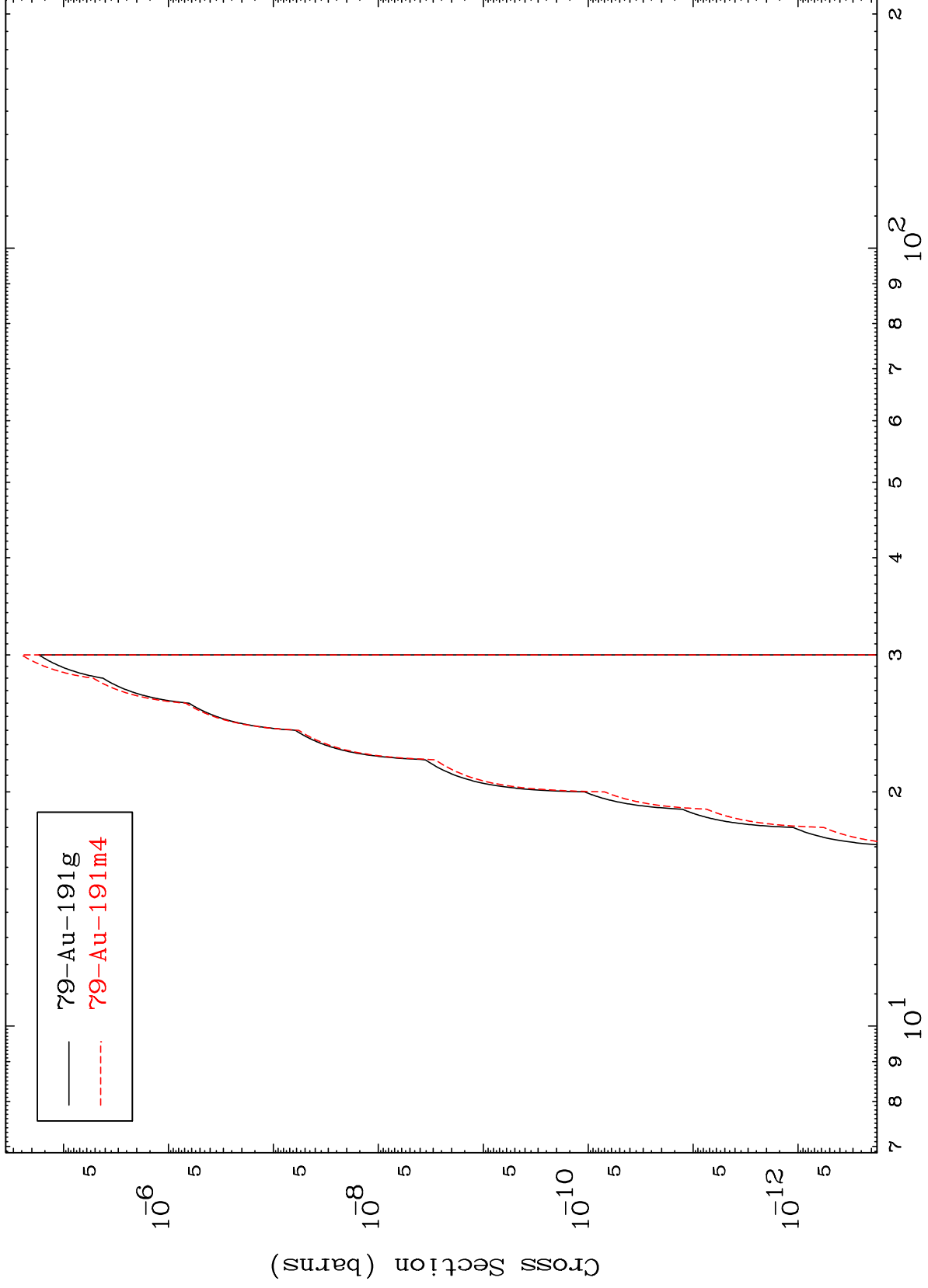


MAT 8016

(n,n') He-3

80-Hg-193

Radionuclide Production Cross Section



22

Incident Energy (MeV)

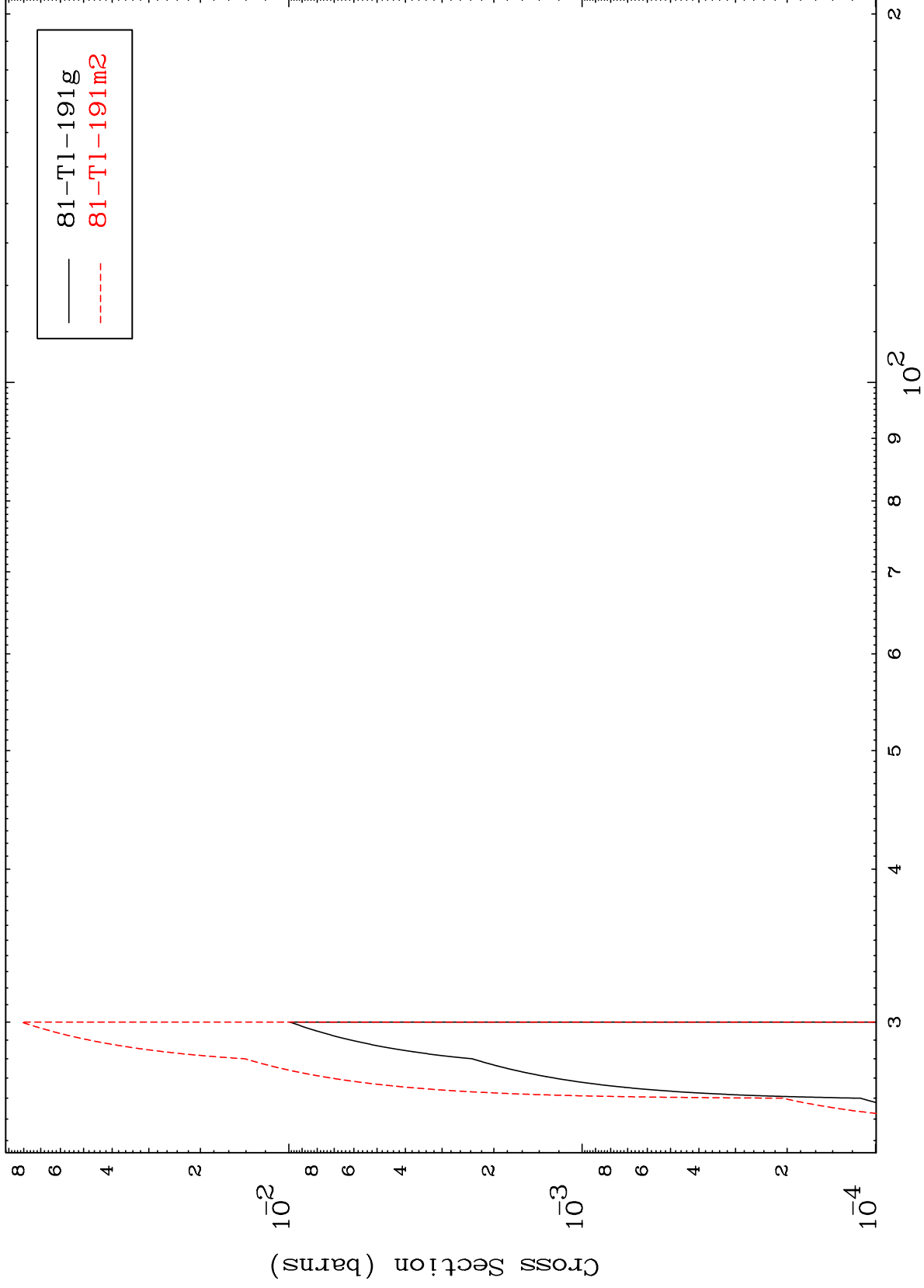
80-Hg-193

MAT 8016

(n,4n)

80-Hg-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

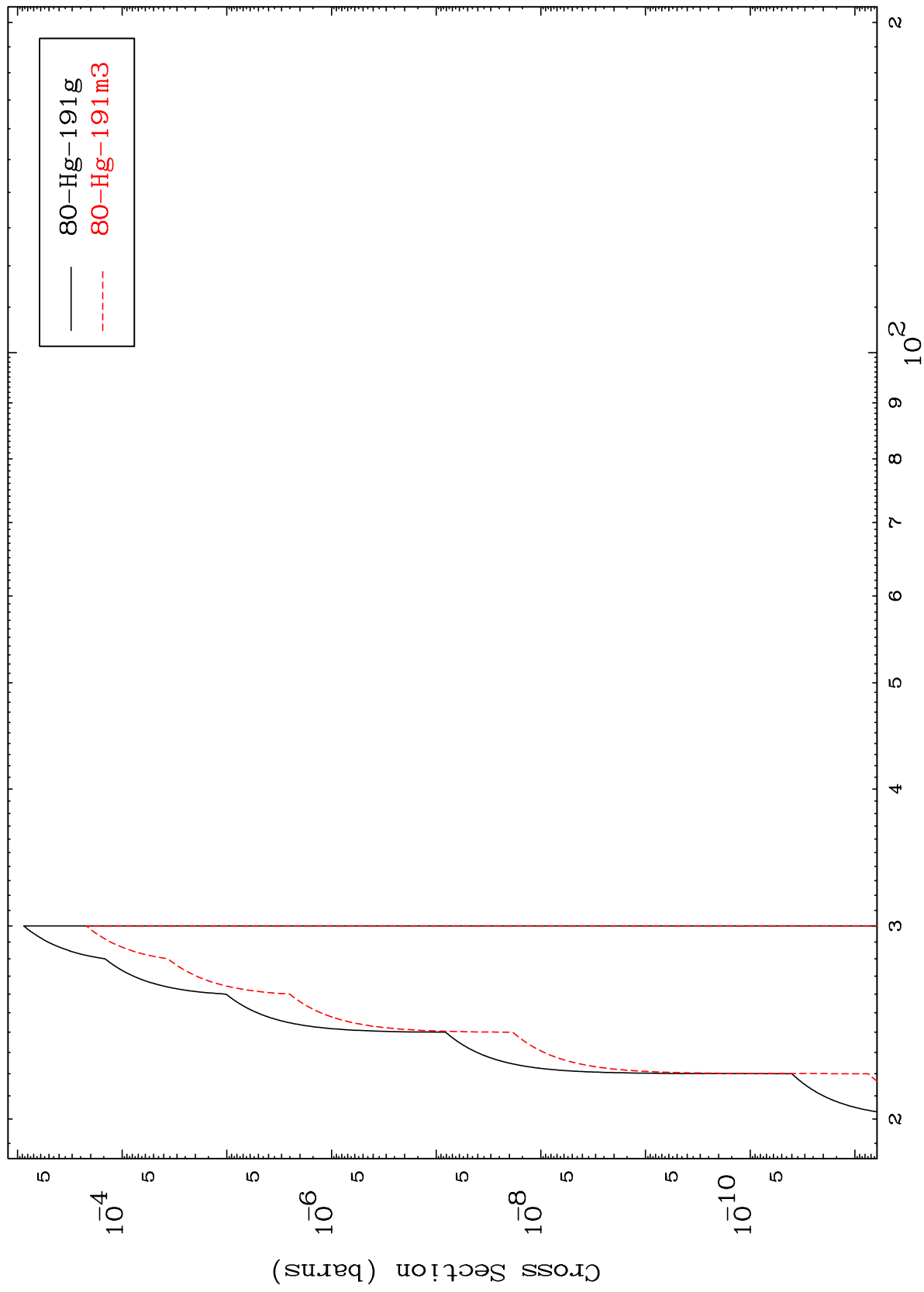
80-Hg-193



MAT 8016

80-Hg-193

(n,3n) p  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

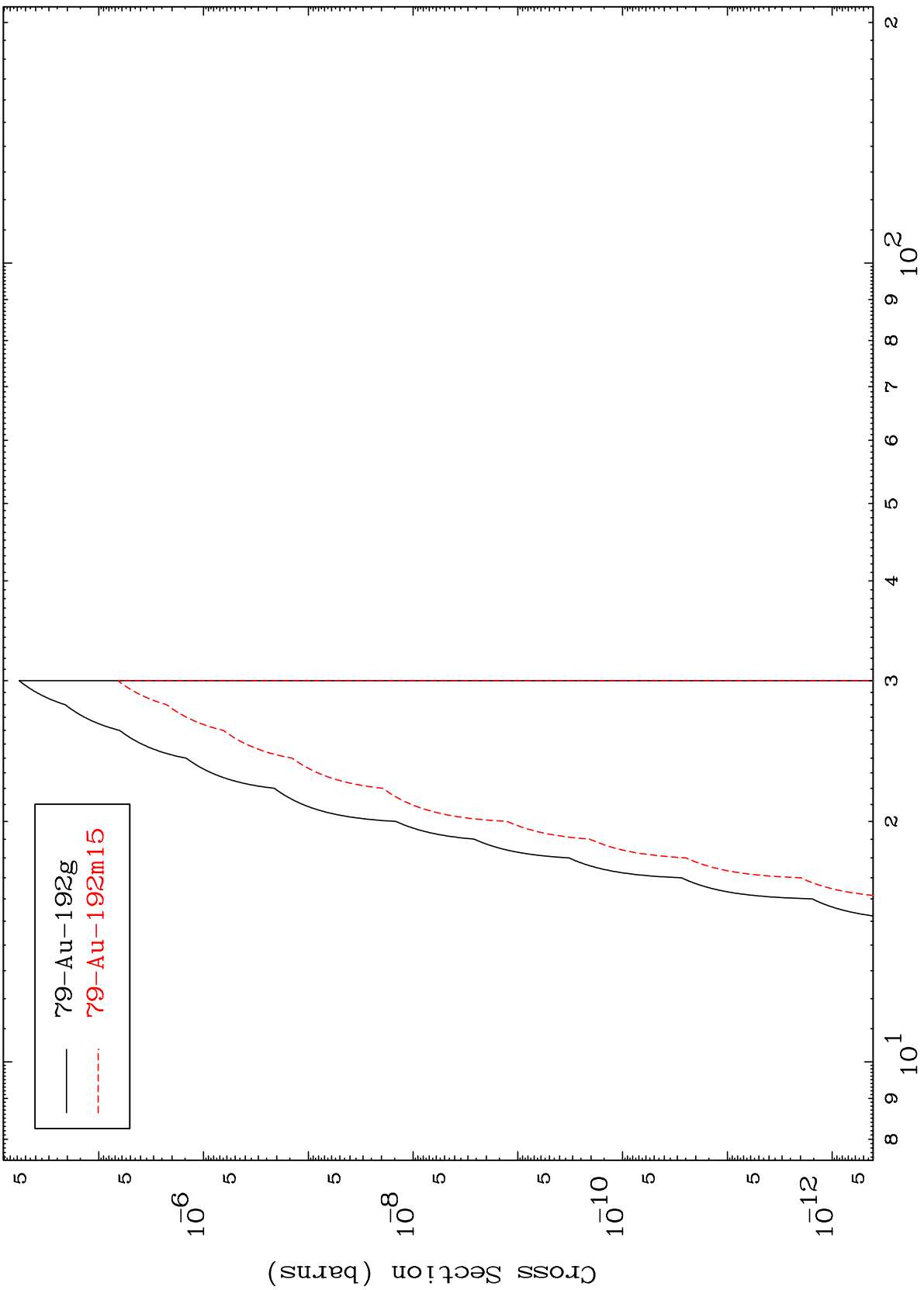
80-Hg-193

MAT 8016

(n,2n) p

80-Hg-193

Radionuclide Production Cross Section



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

25

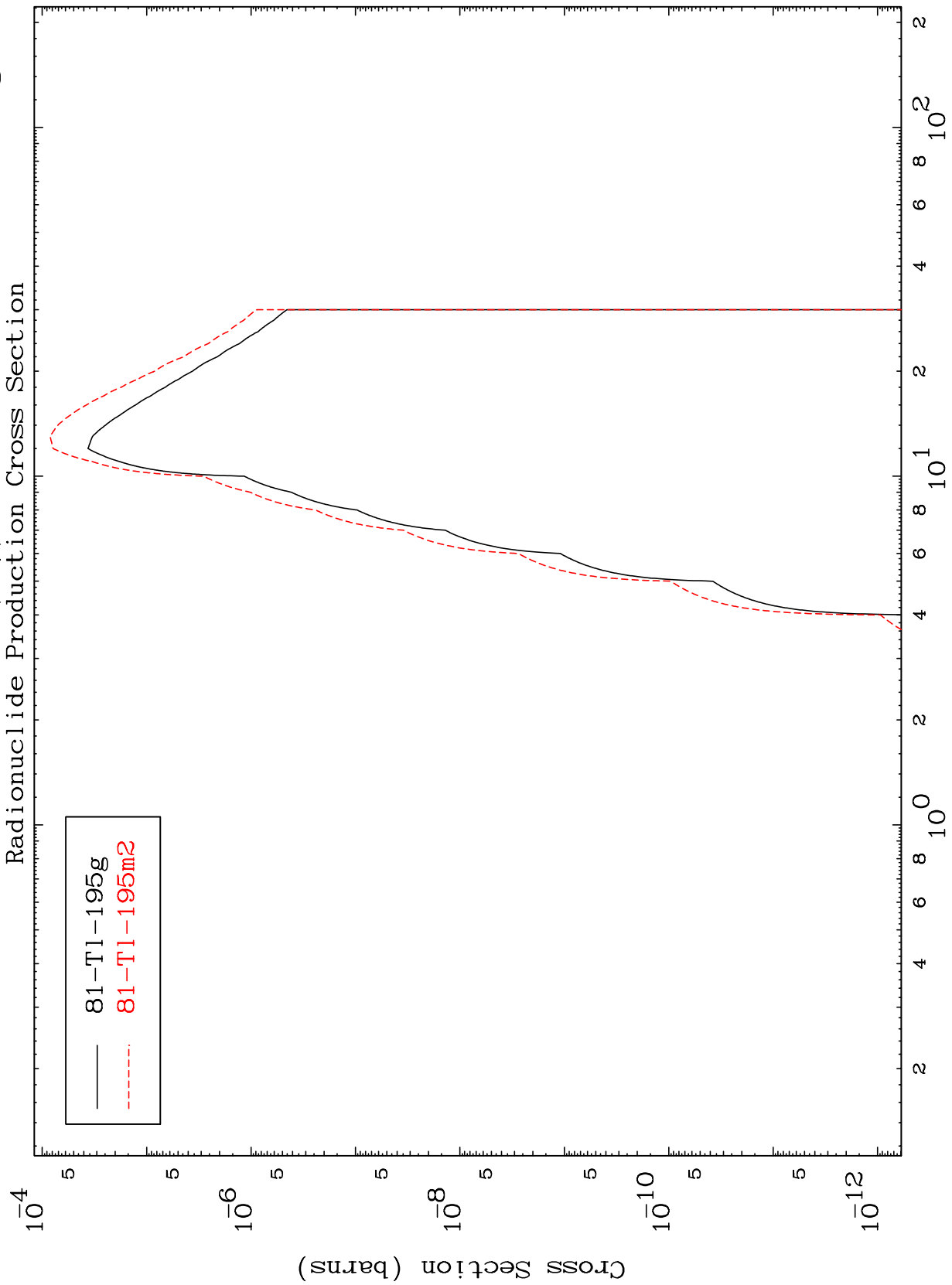
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

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



80-Hg-193

Incident Energy (MeV)

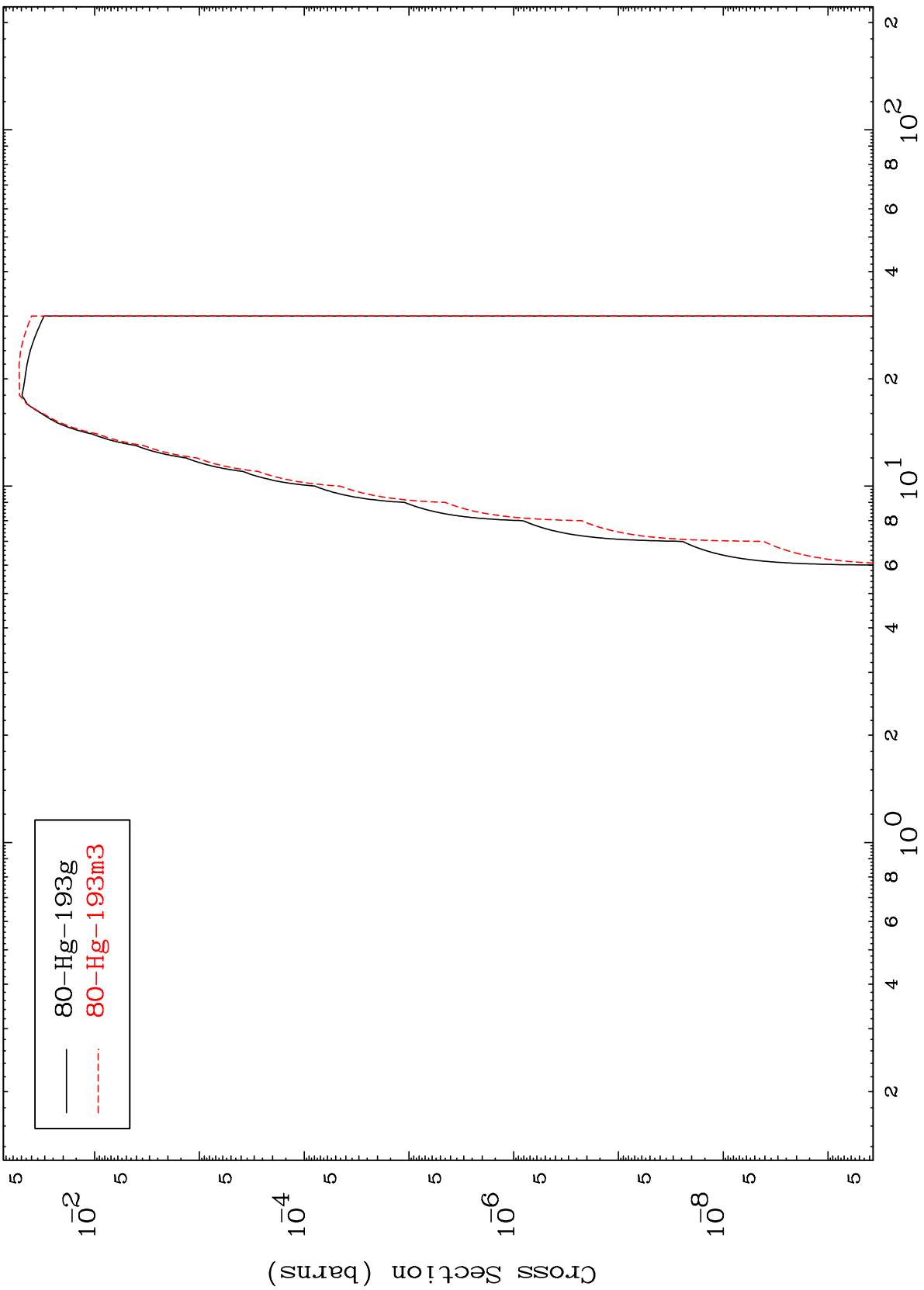
26

MAT 8016

(n, d)

80-Hg-193

Radionuclide Production Cross Section



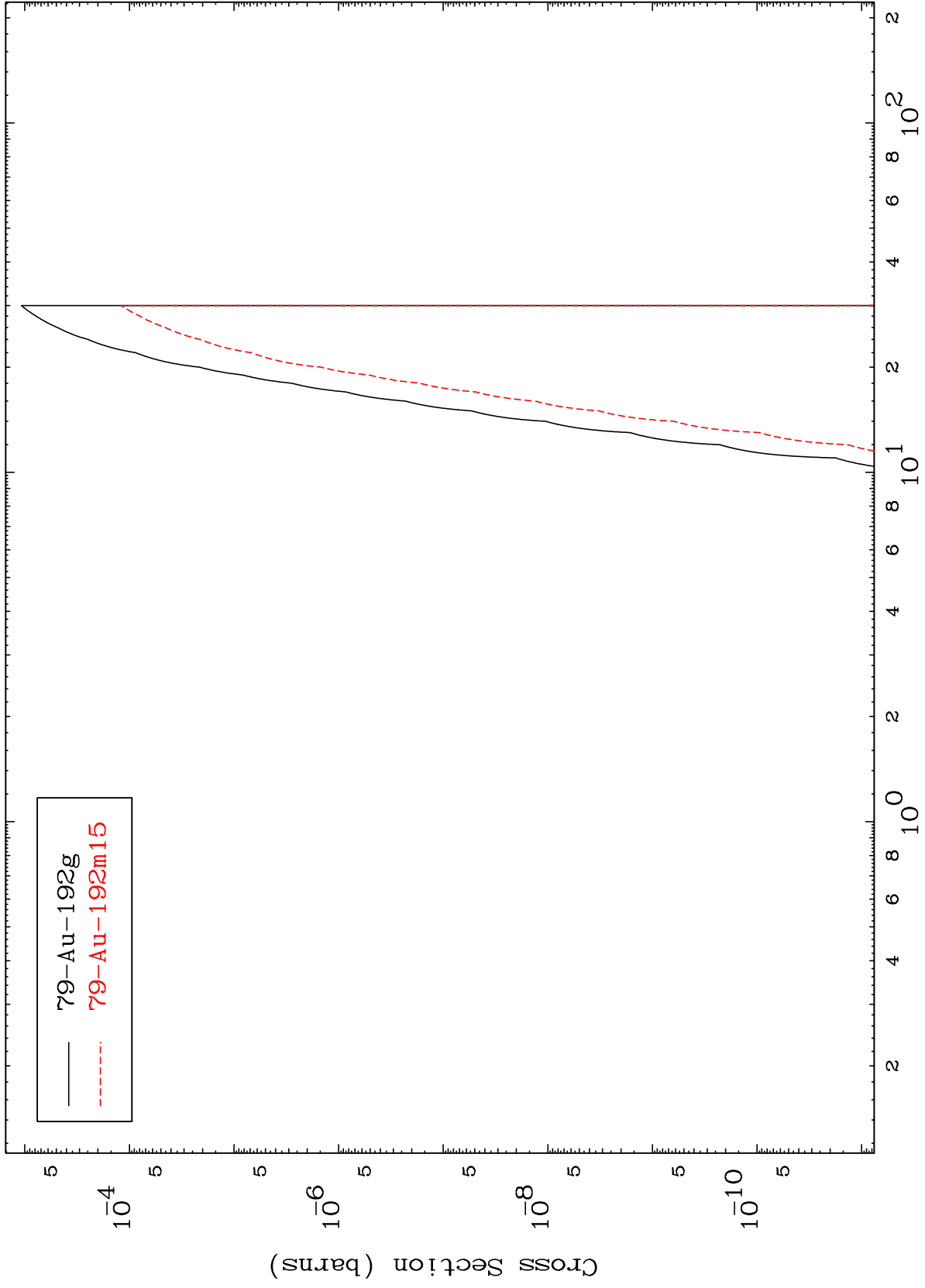
80-Hg-193g  
80-Hg-193m3

MAT 8016

(n,He-3)

80-Hg-193

Radionuclide Production Cross Section



28

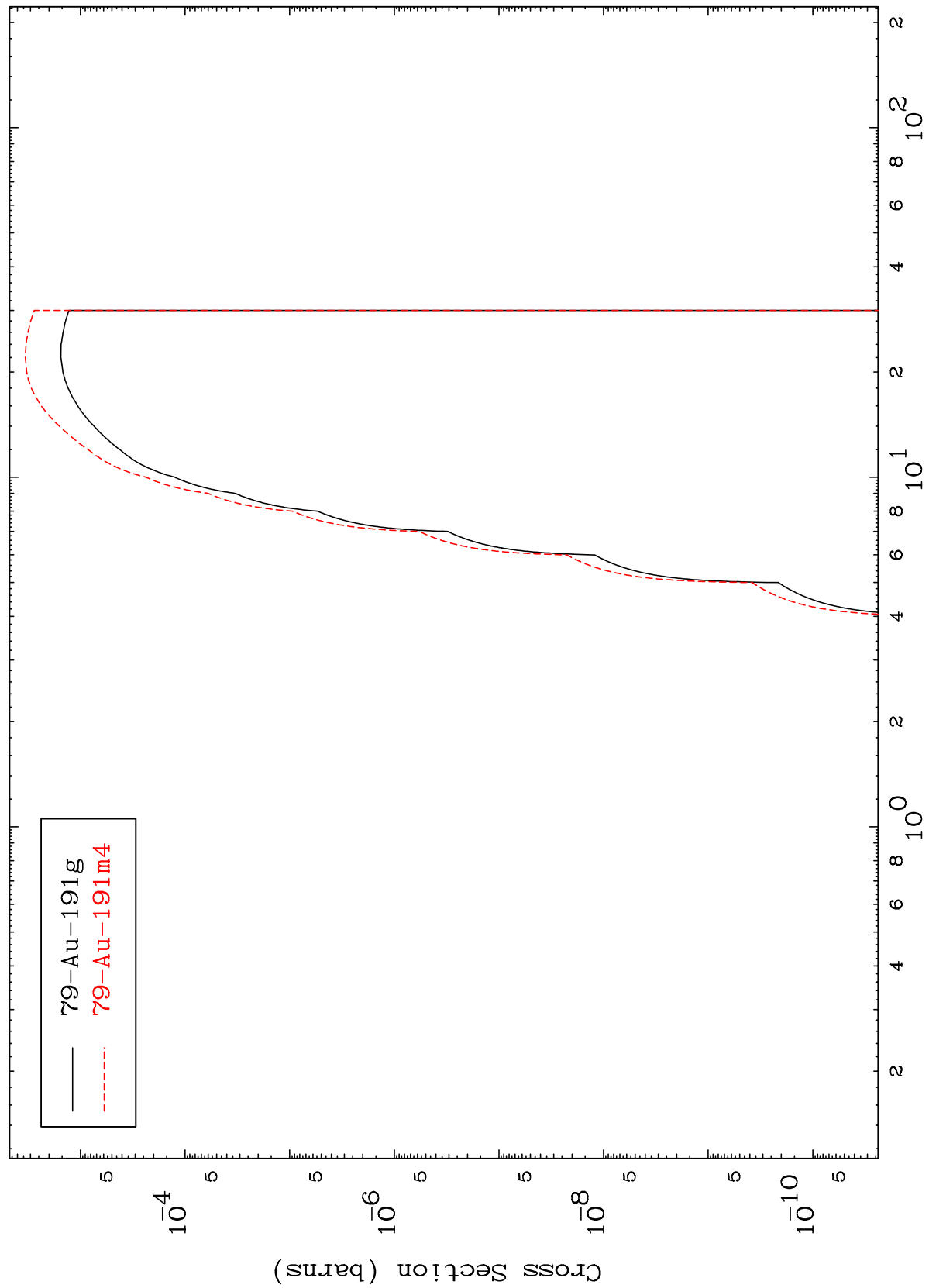
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

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



80-Hg-193

Incident Energy (MeV)

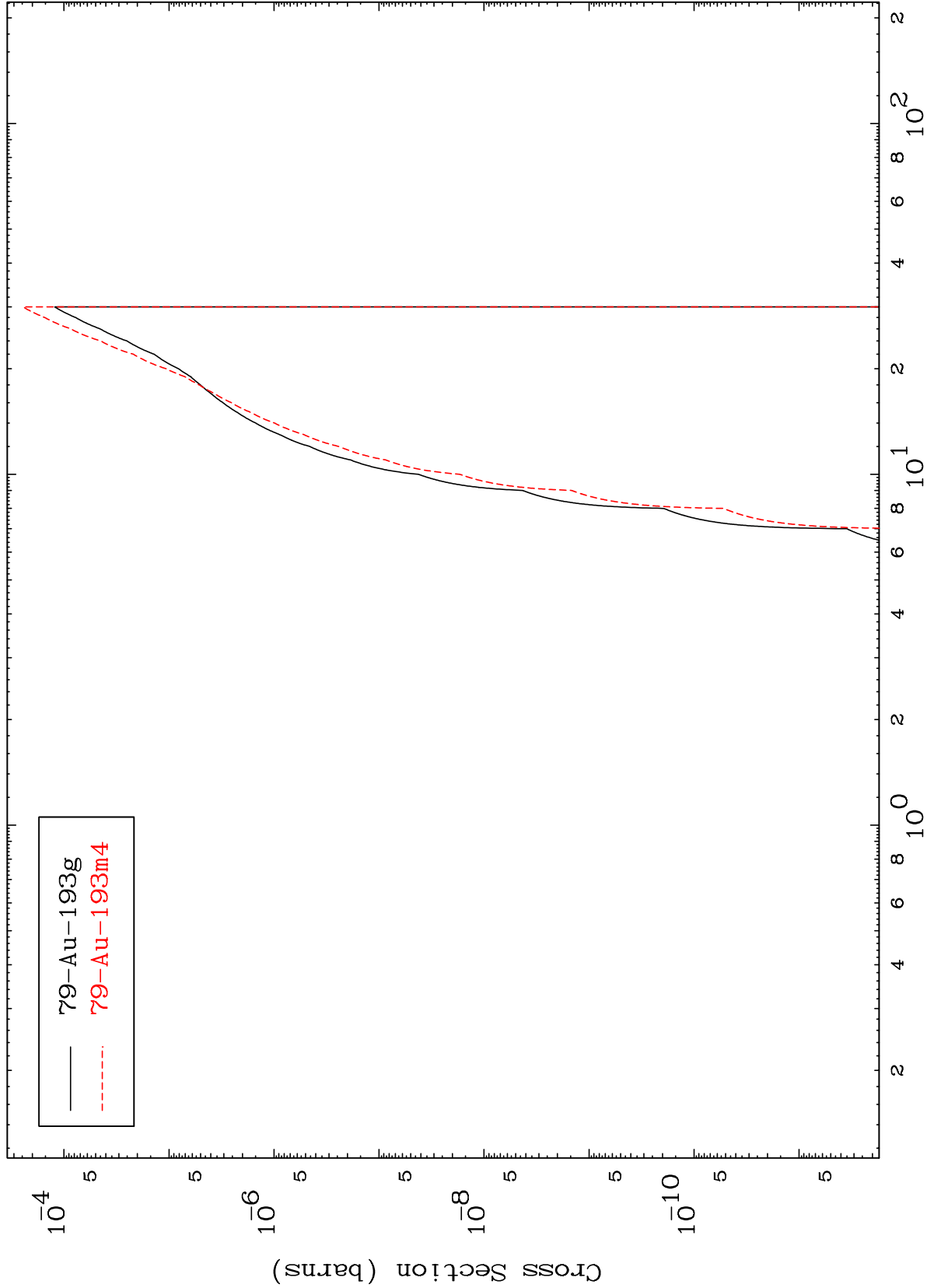
29

MAT 8016

(n,2p)

80-Hg-193

Radionuclide Production Cross Section



30

Incident Energy (MeV)

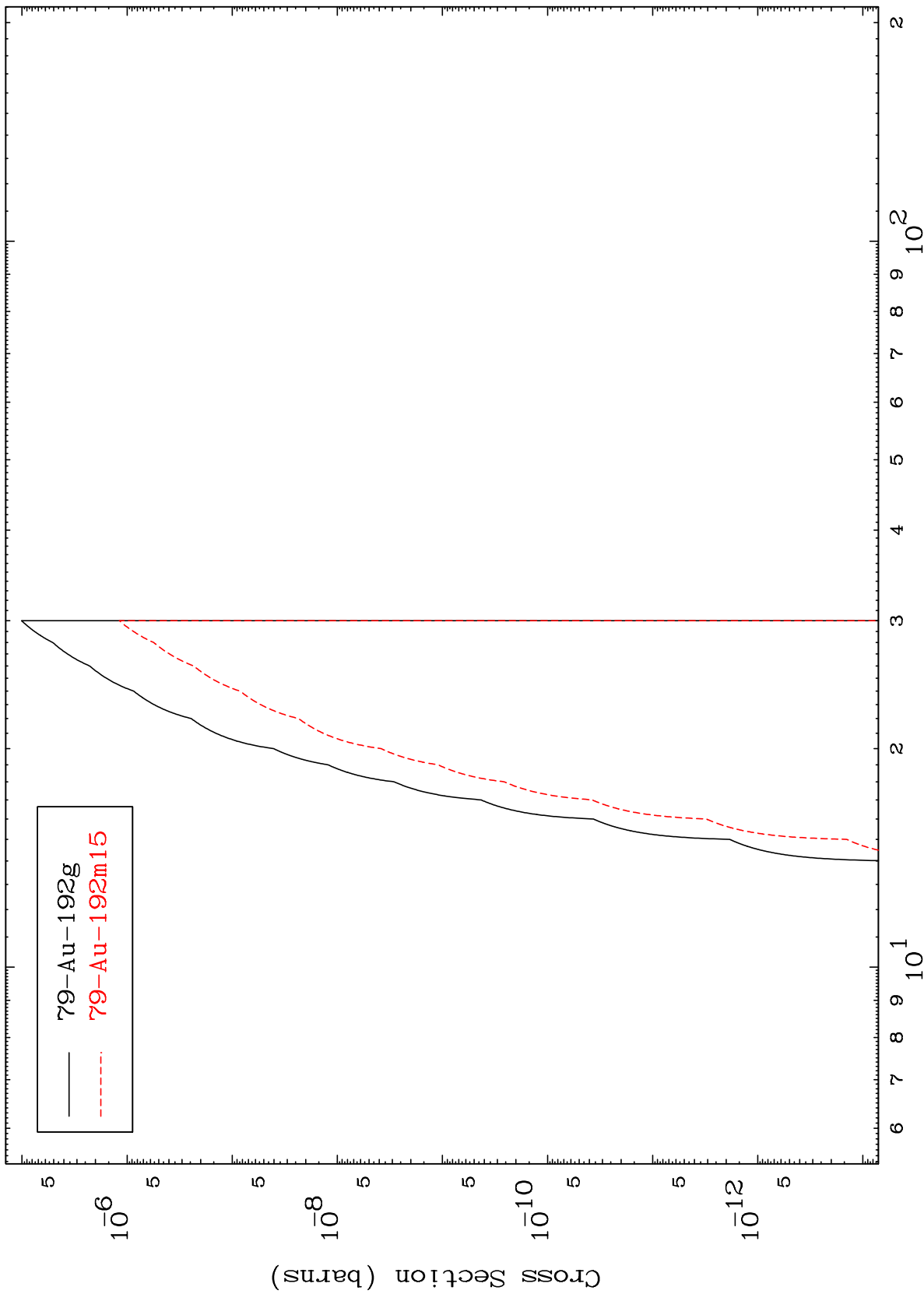
80-Hg-193

MAT 8016

(n,p) d

80-Hg-193

Radionuclide Production Cross Section



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



MAT 8016

(n,p) t

80-Hg-193

