

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

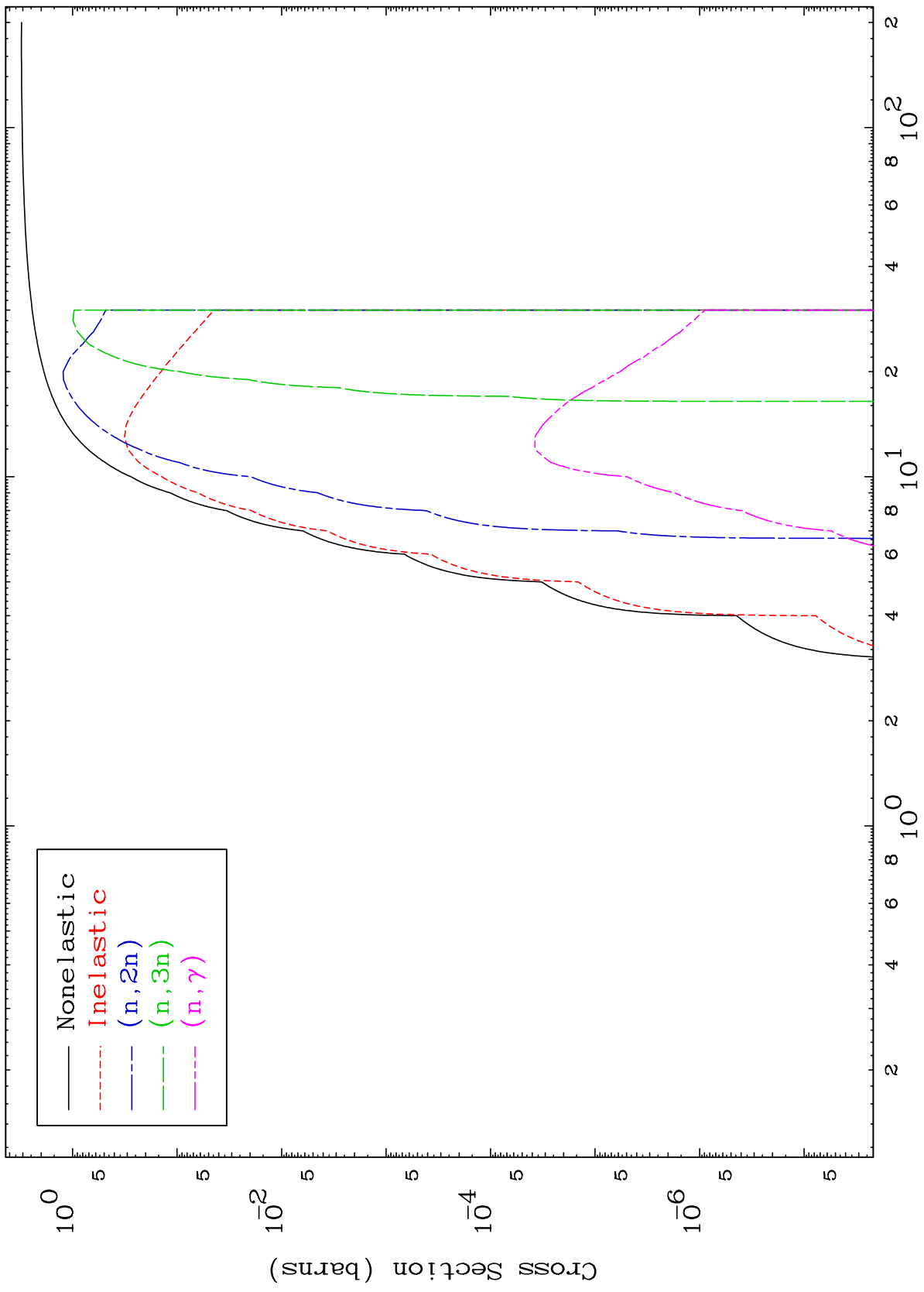
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Web: redcullen1.net/HOMEPAGE.NEW

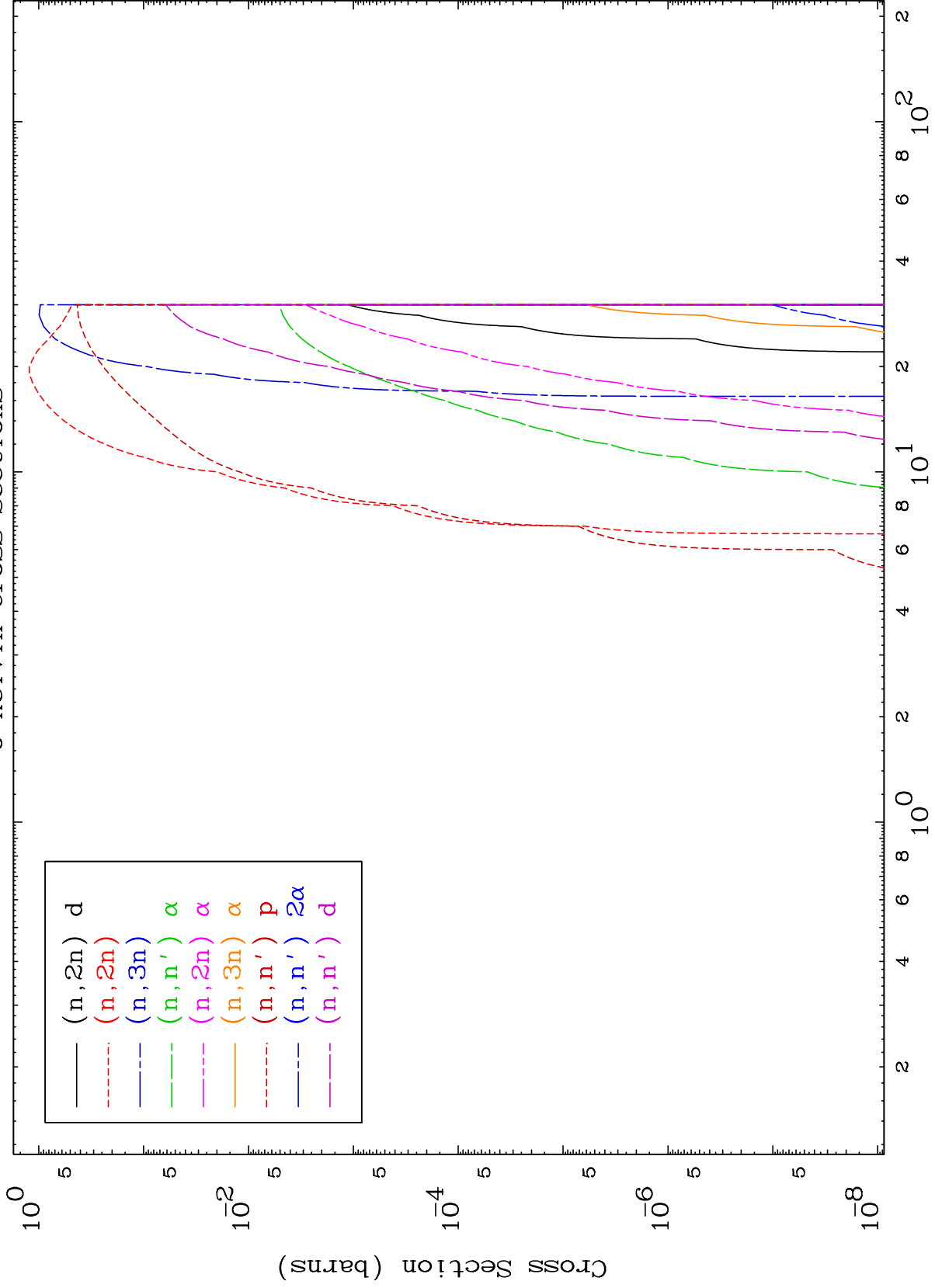
Press Mouse Button to Start

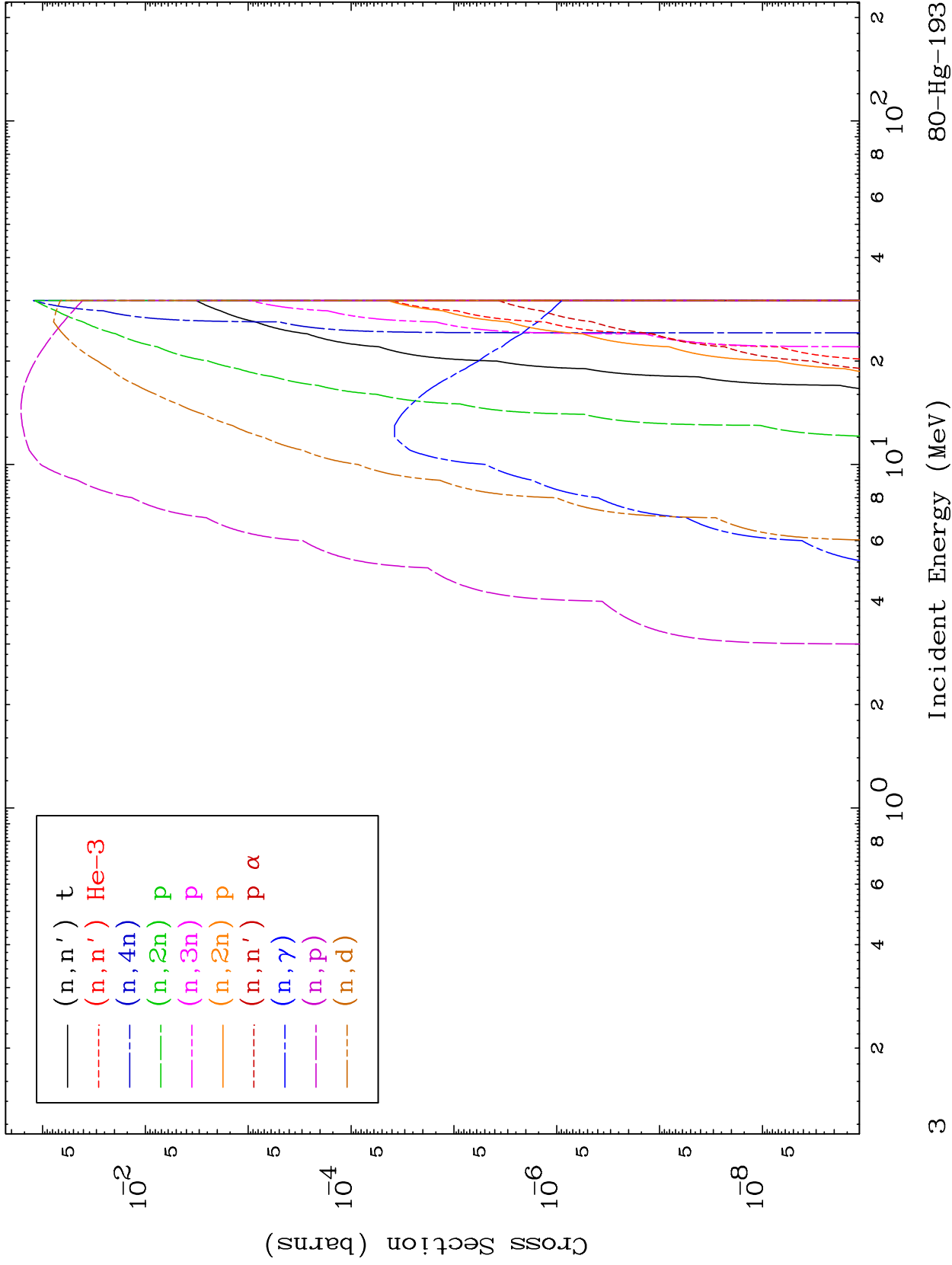


MAT 8016

Deuteron Neutron Absorption
0 Kelvin Cross Sections

80-Hg-193

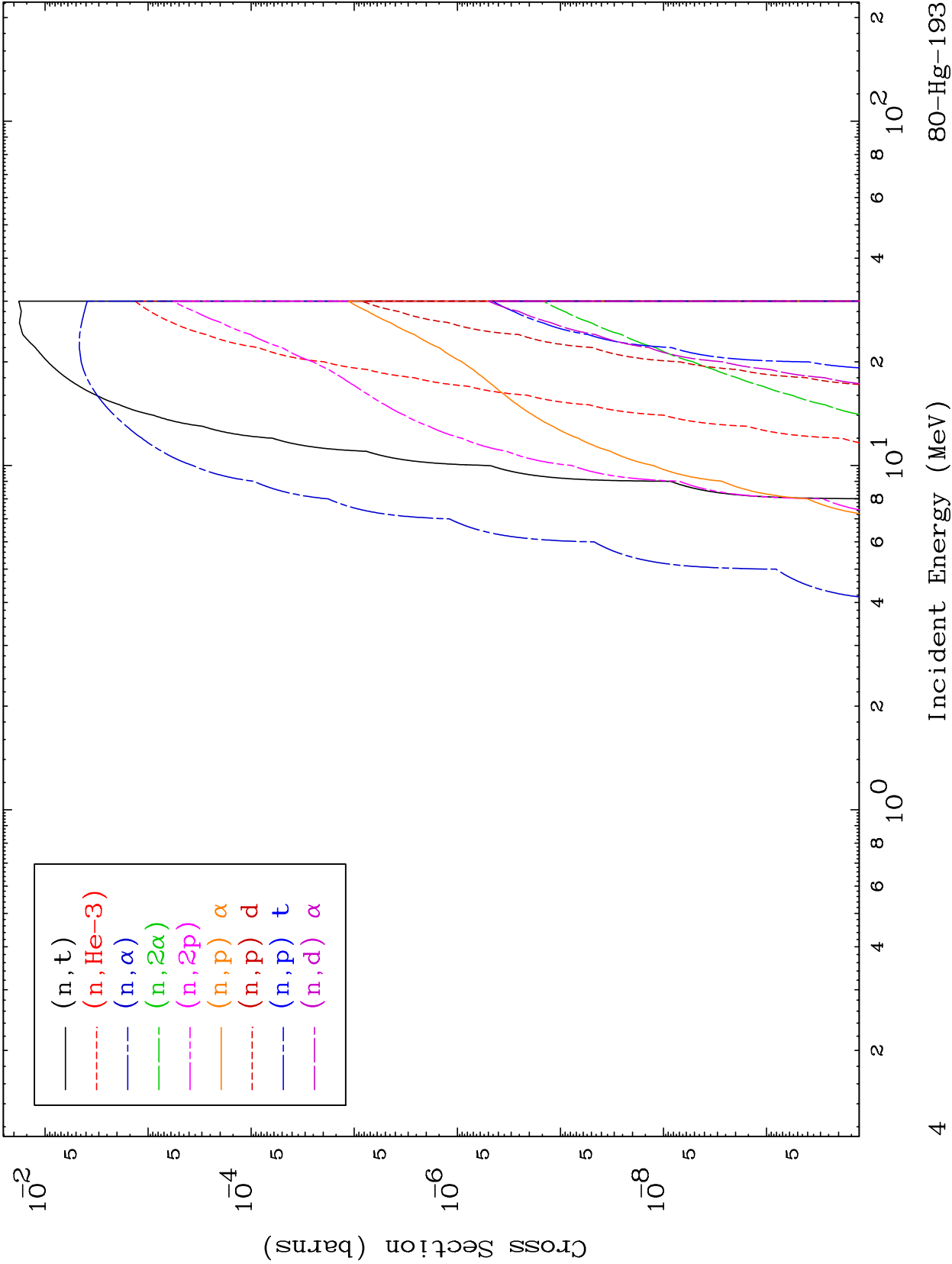


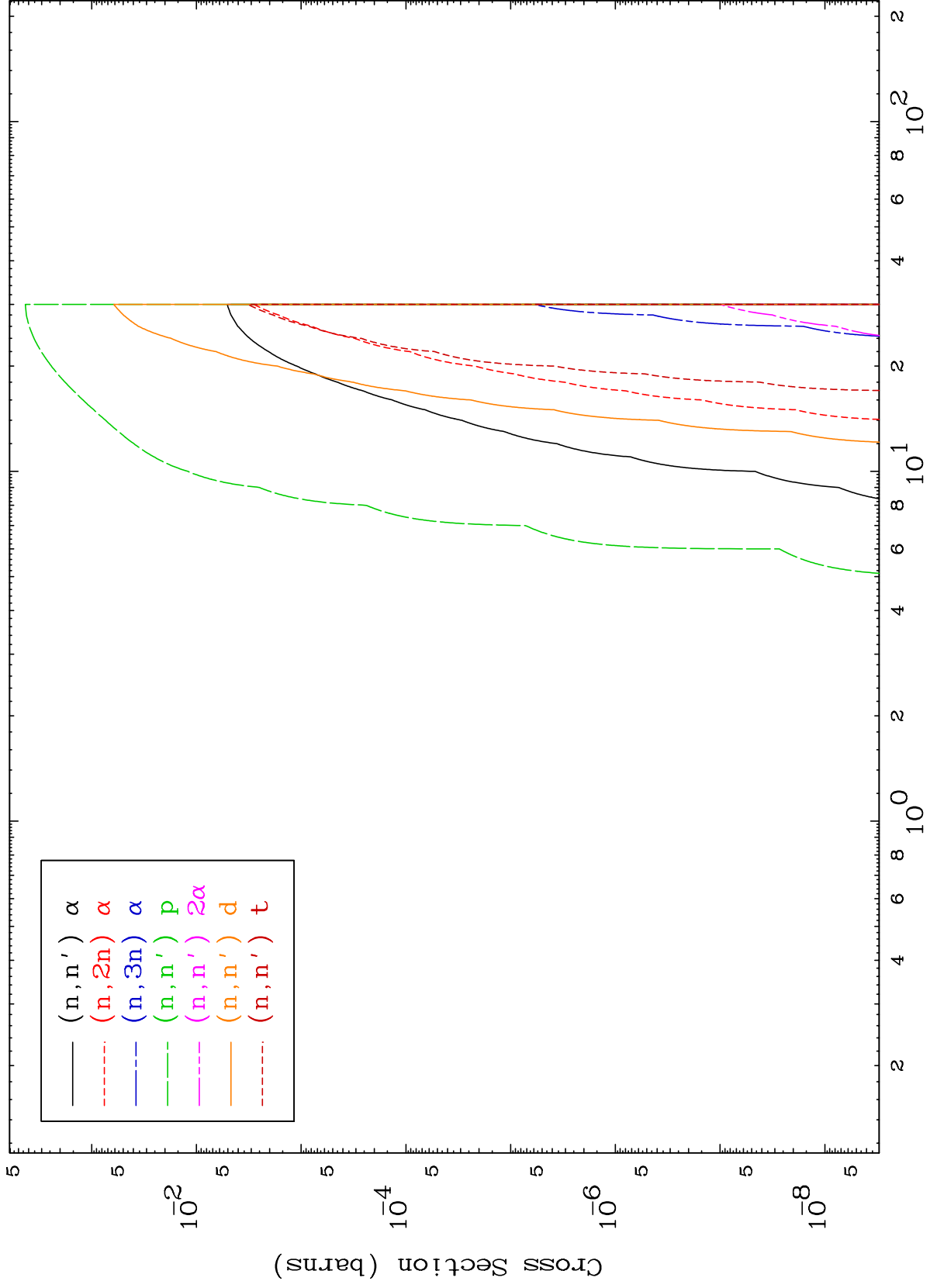


MAT 8016

Deuteron Neutron Absorption
0 Kelvin Cross Sections

80-Hg-193

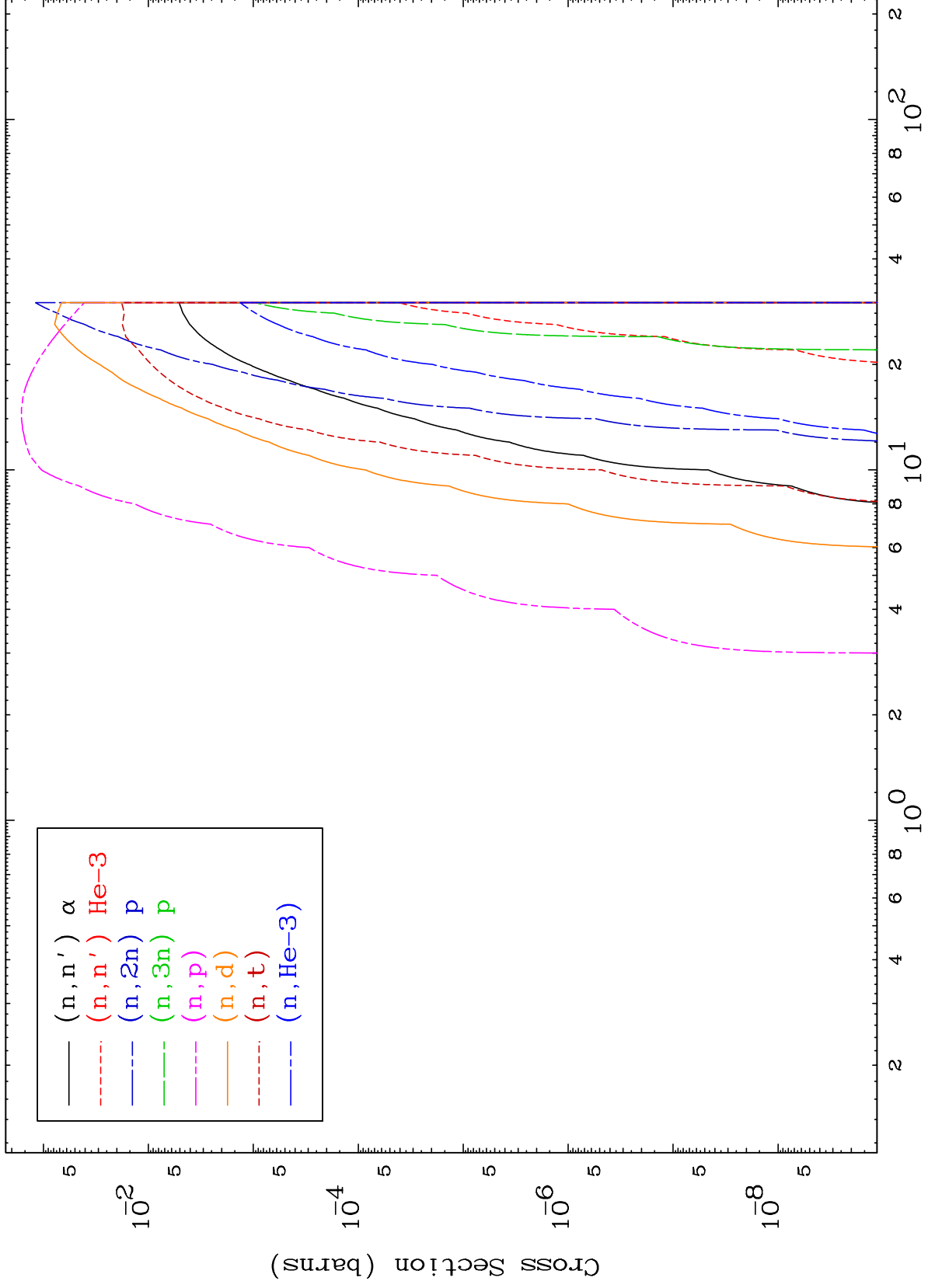




MAT 8016

Deuteron Charged Particle
0 Kelvin Cross Sections

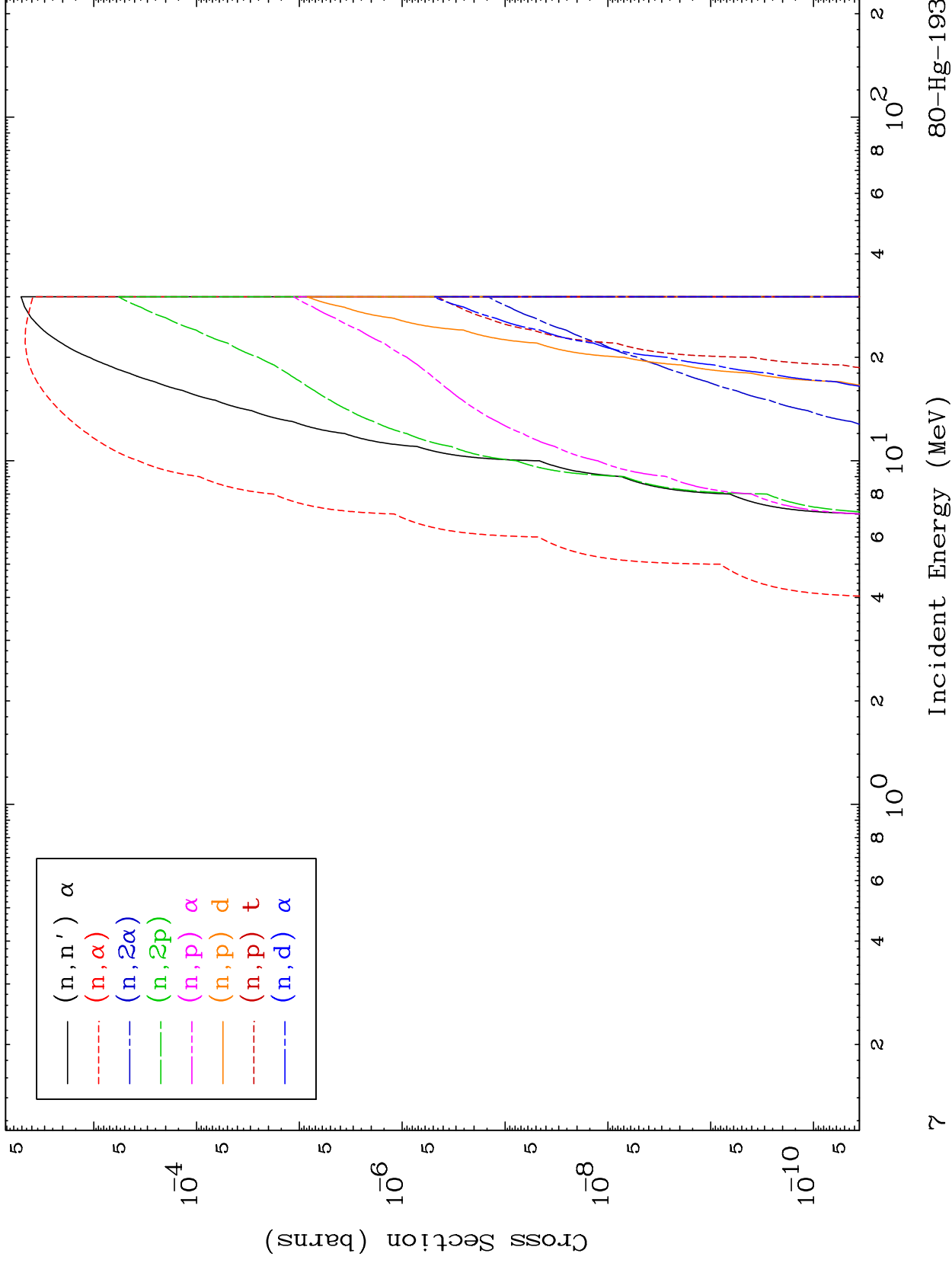
80-Hg-193



MAT 8016

Deuteron Charged Particle
0 Kelvin Cross Sections

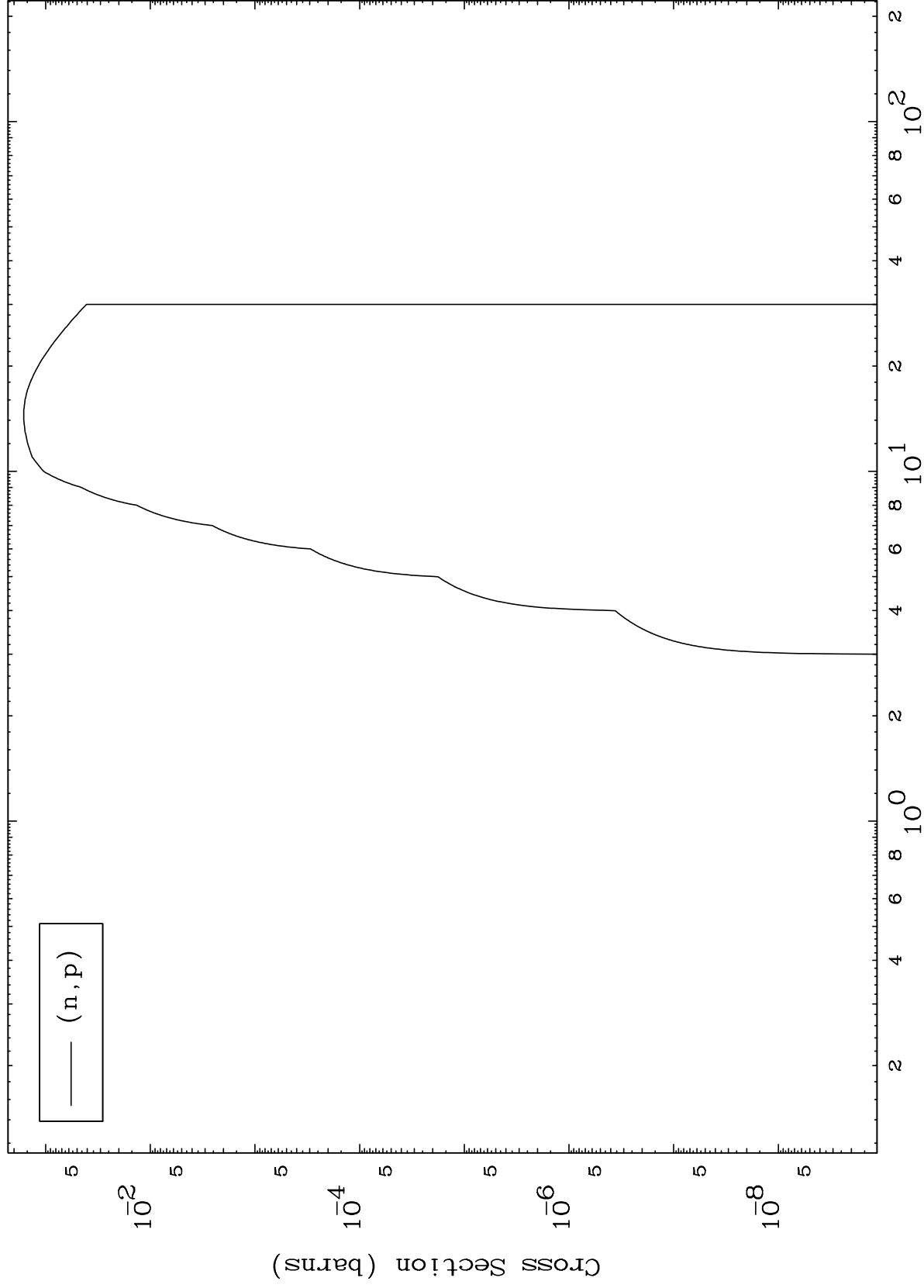
80-Hg-193



MAT 8016

80-Hg-193

(d,p) Levels
0 Kelvin Cross Sections

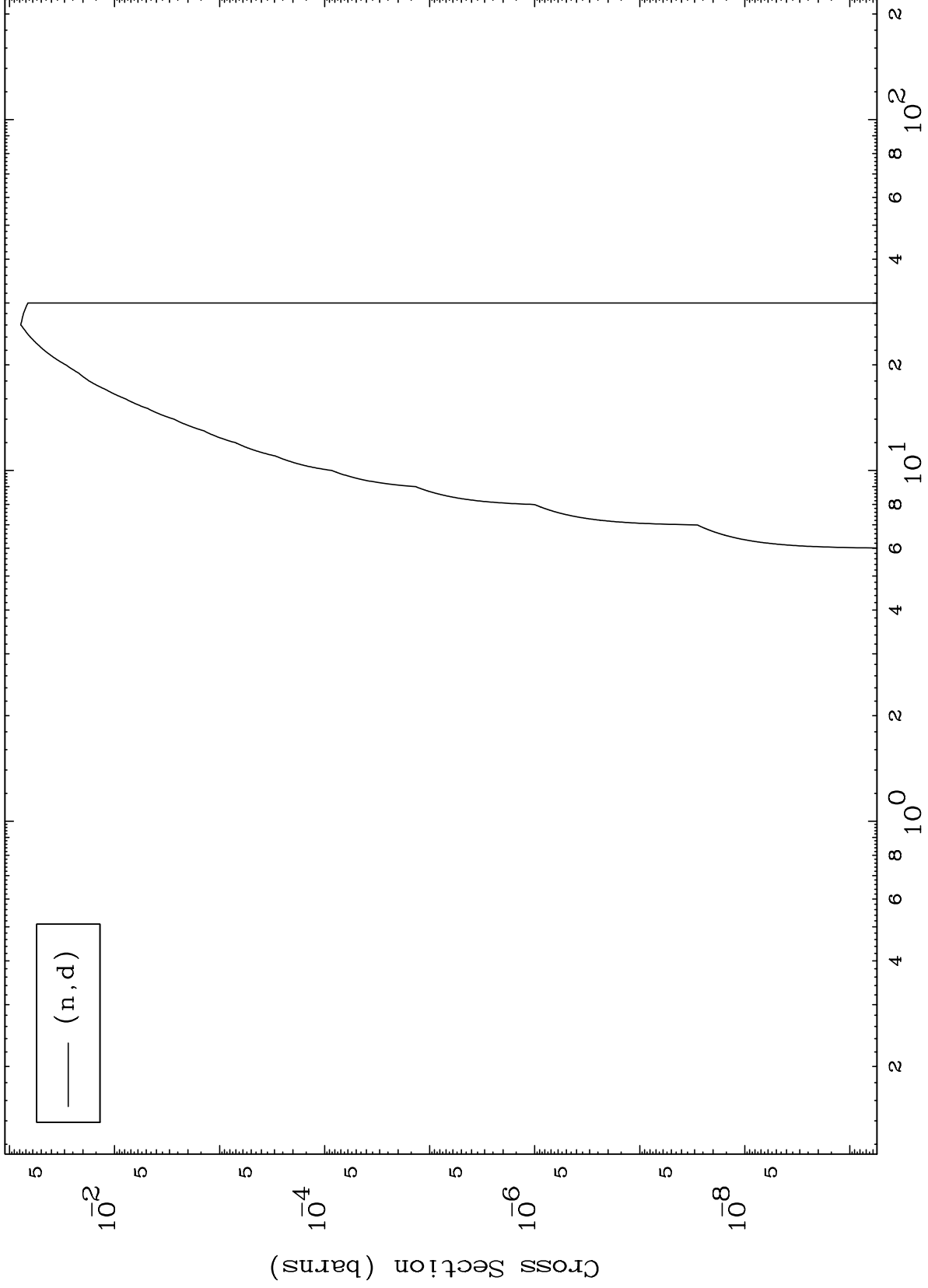


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(d,d) Levels

80-Hg-193

0 Kelvin Cross Sections

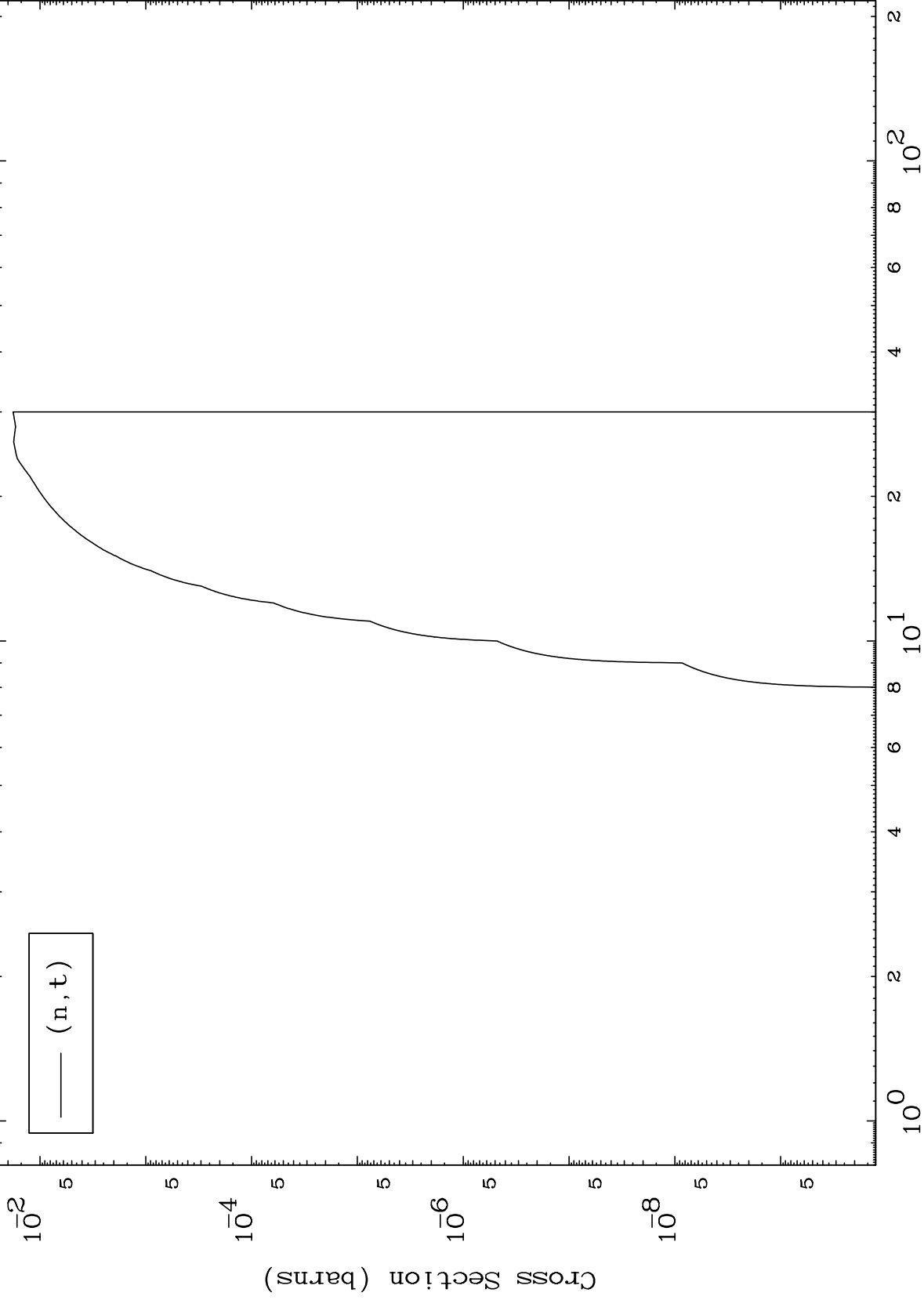


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(d, t) Levels

80-Hg-193

0 Kelvin Cross Sections



Incident Energy (MeV)

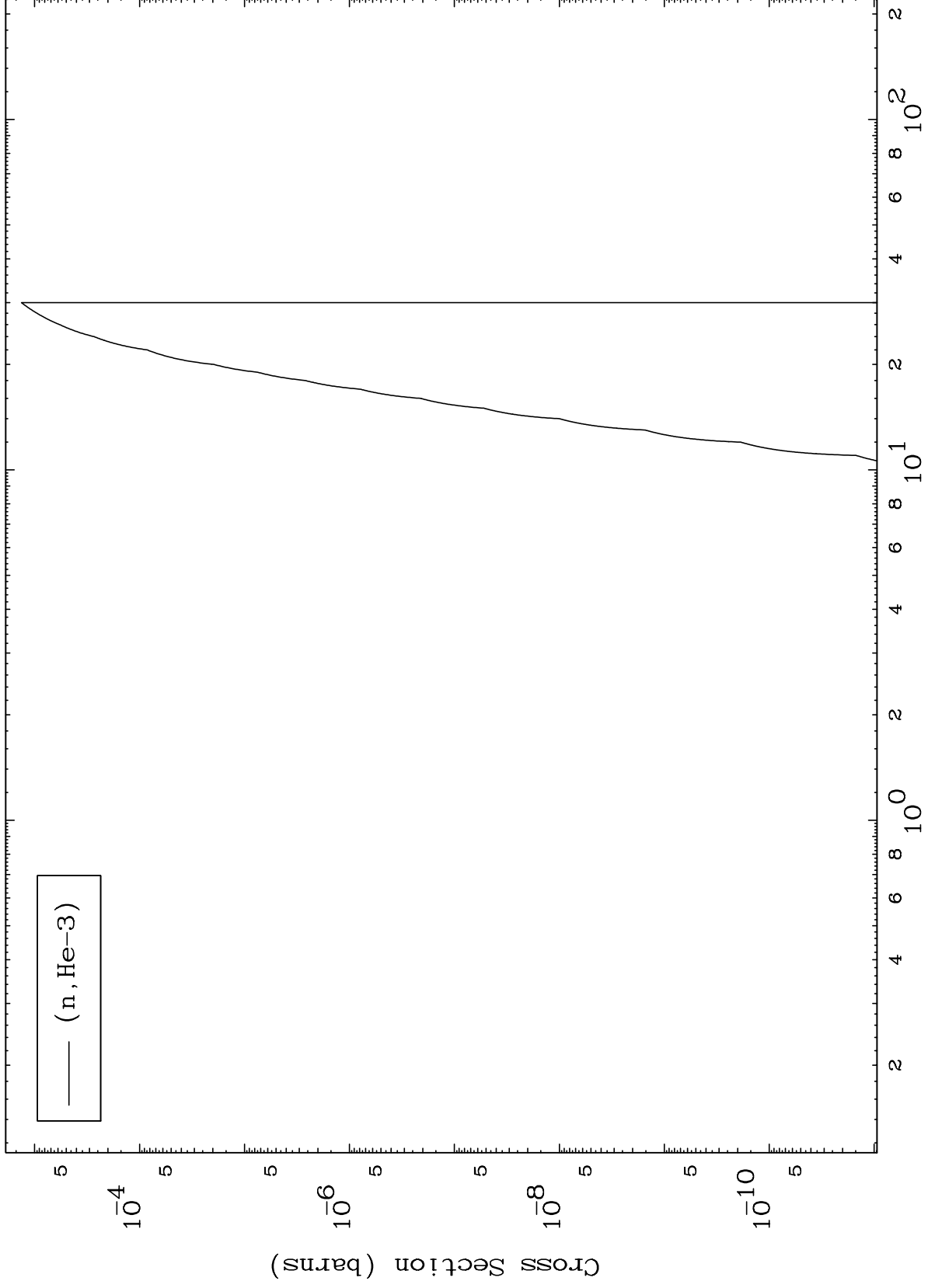
80-Hg-193

MAT 8016

(d,He3) Levels

80-Hg-193

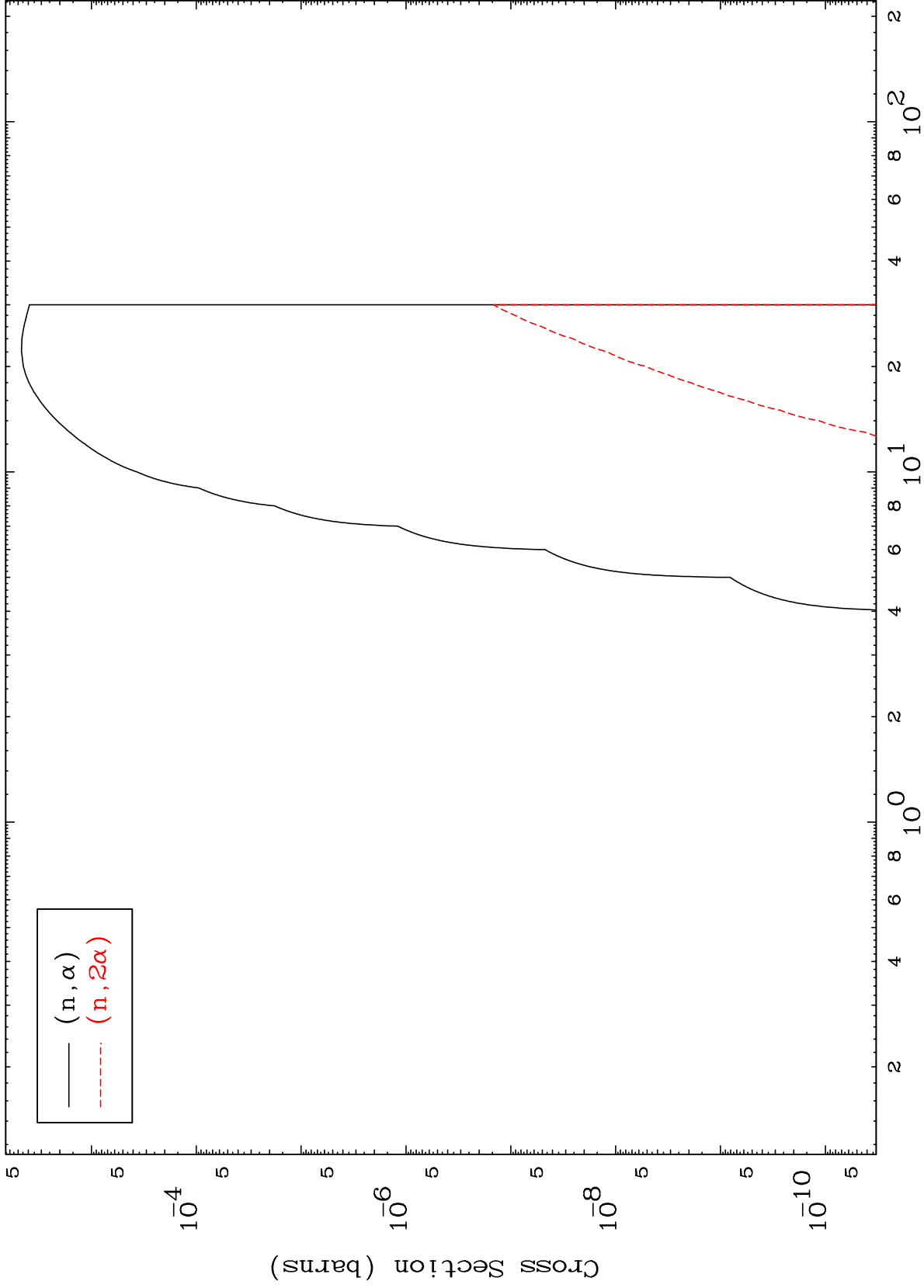
0 Kelvin Cross Sections



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(d, α) Levels
0 Kelvin Cross Sections

80-Hg-193



12

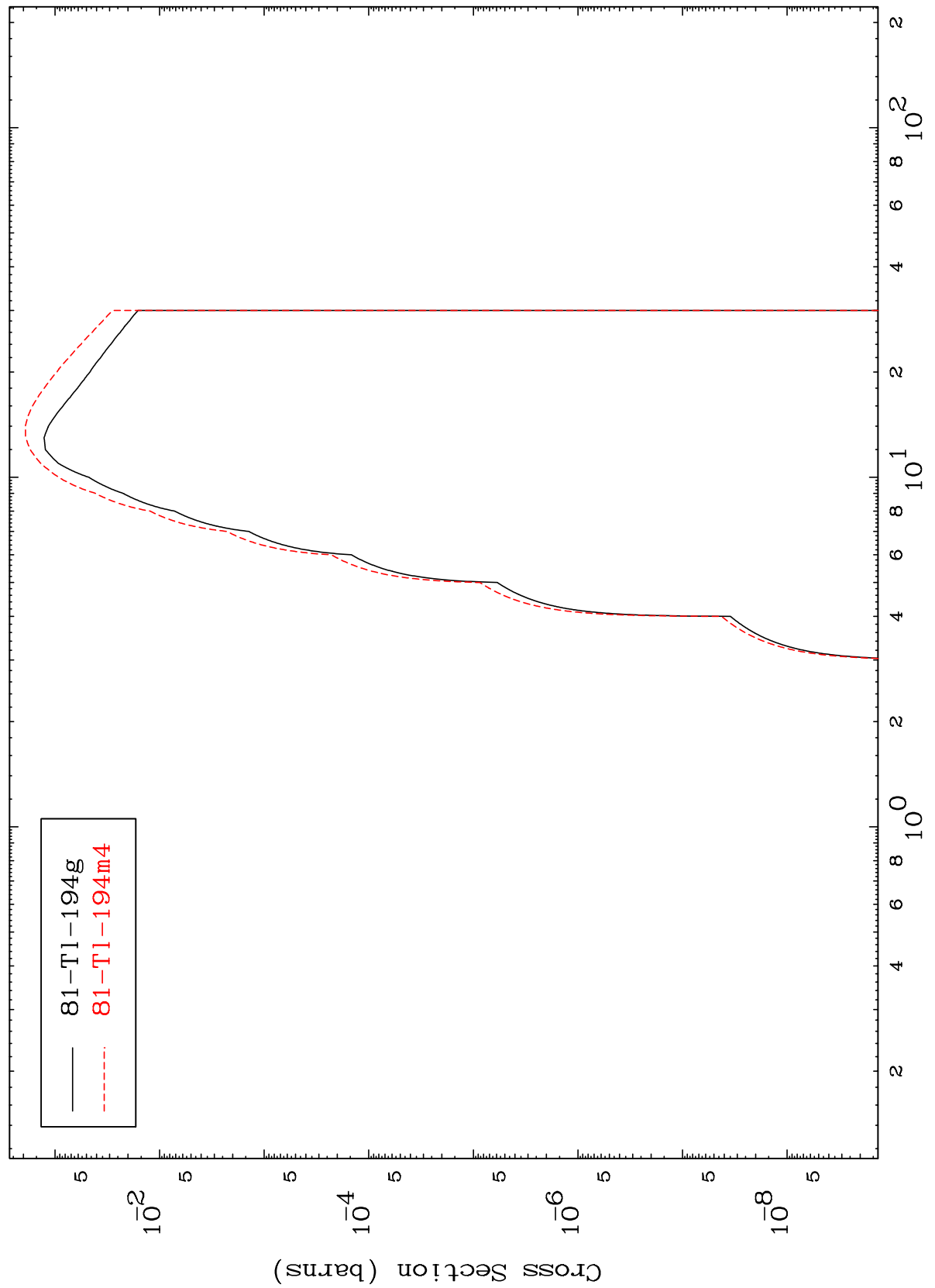
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

Inelastic
Radionuclide Production Cross Section



80-Hg-193

Incident Energy (MeV)

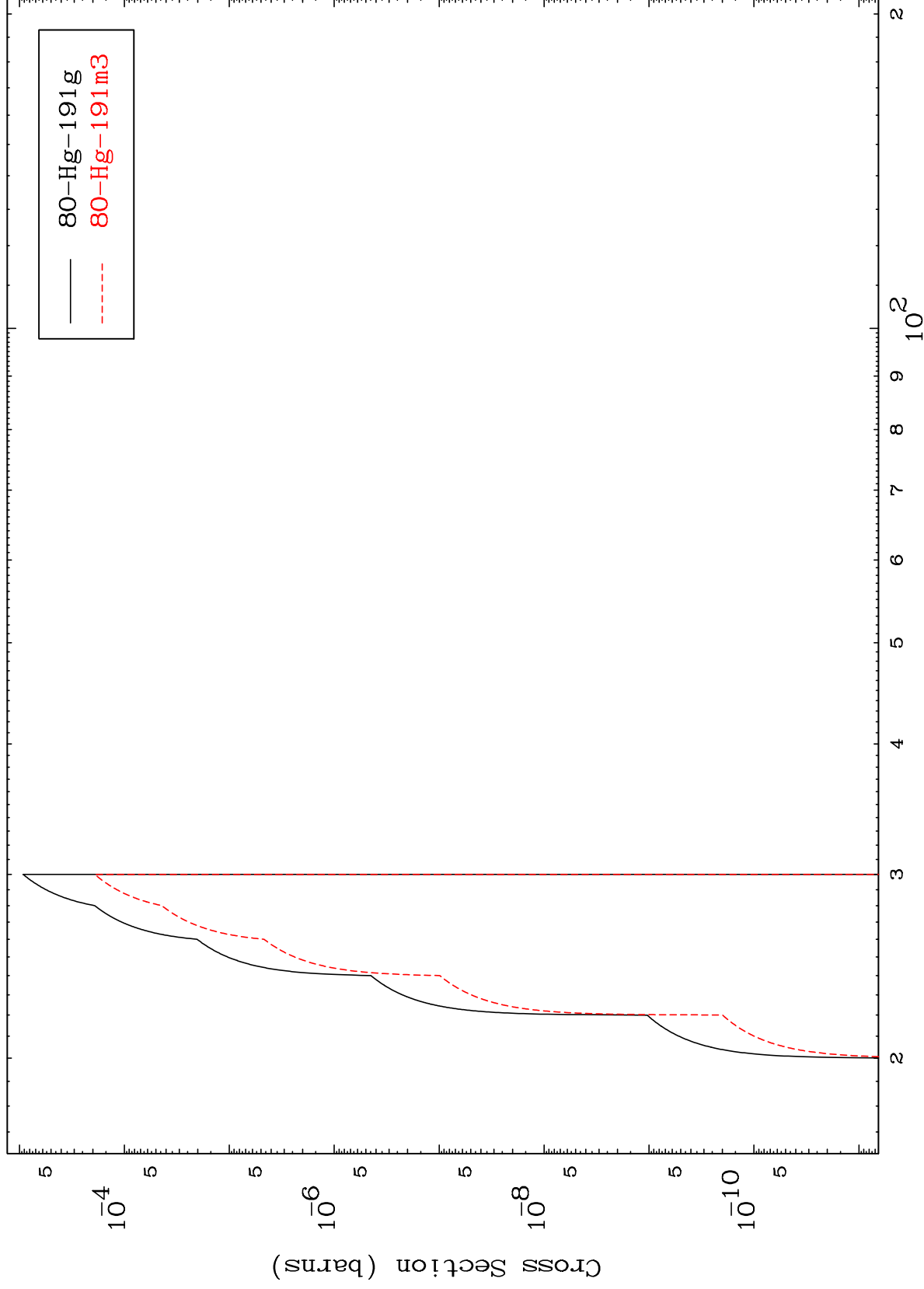
13

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(n,2n) d

80-Hg-193

Radionuclide Production Cross Section



14

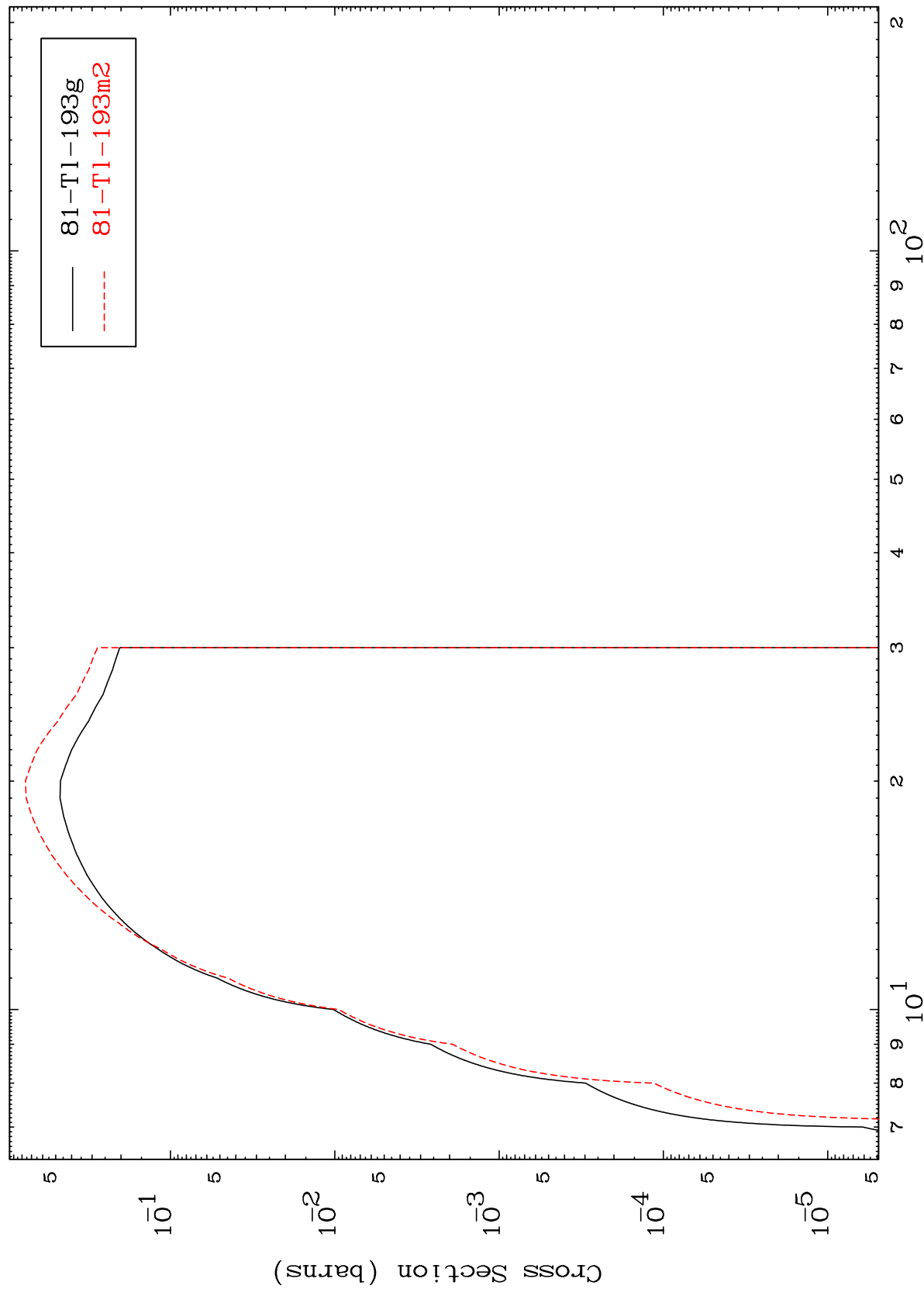
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n,2n)
Radionuclide Production Cross Section



80-Hg-193

Incident Energy (MeV)

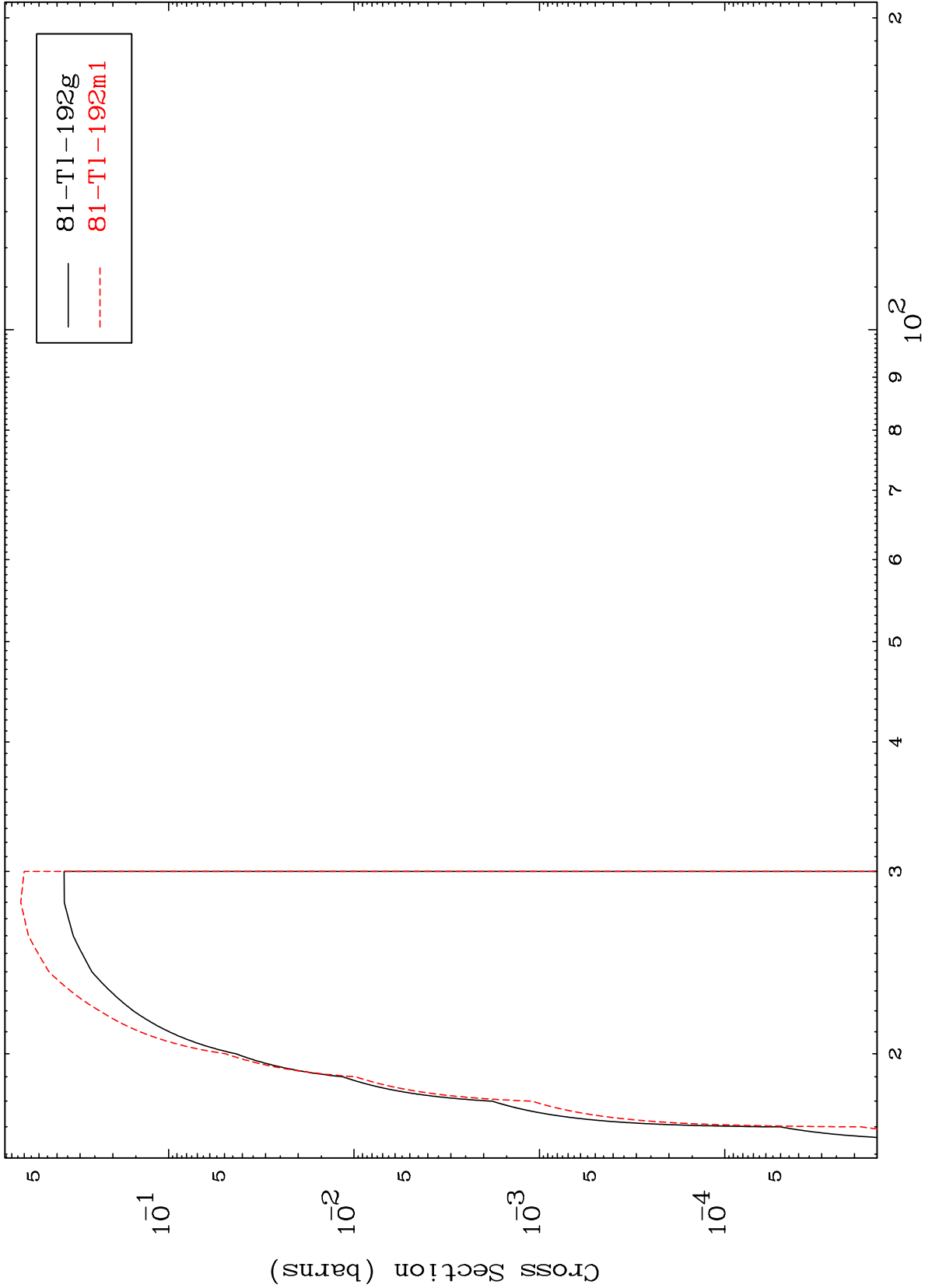
15

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(n,3n)

80-Hg-193

Radionuclide Production Cross Section



16

Incident Energy (MeV)

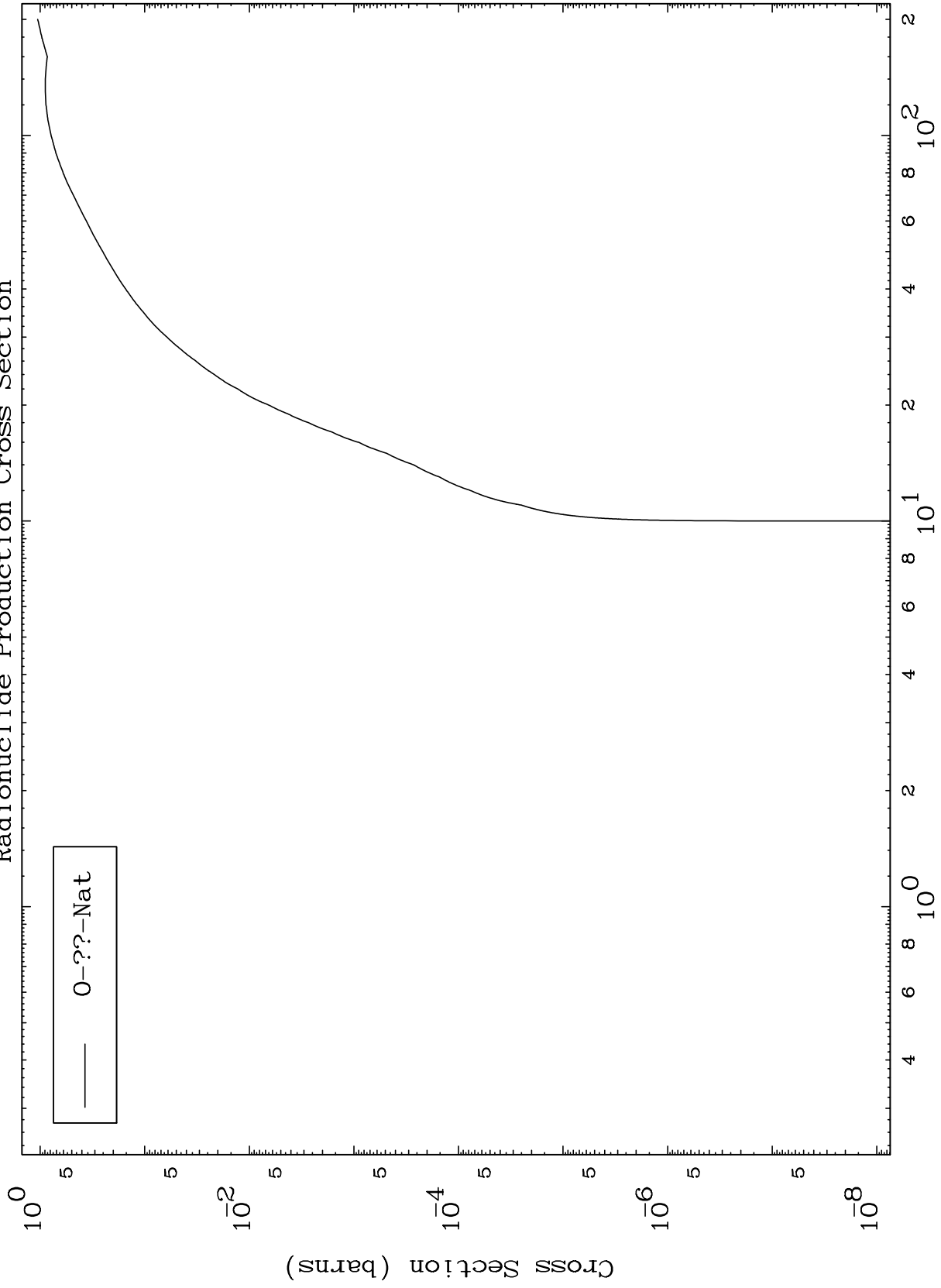
80-Hg-193

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Fission

80-Hg-193

Radionuclide Production Cross Section

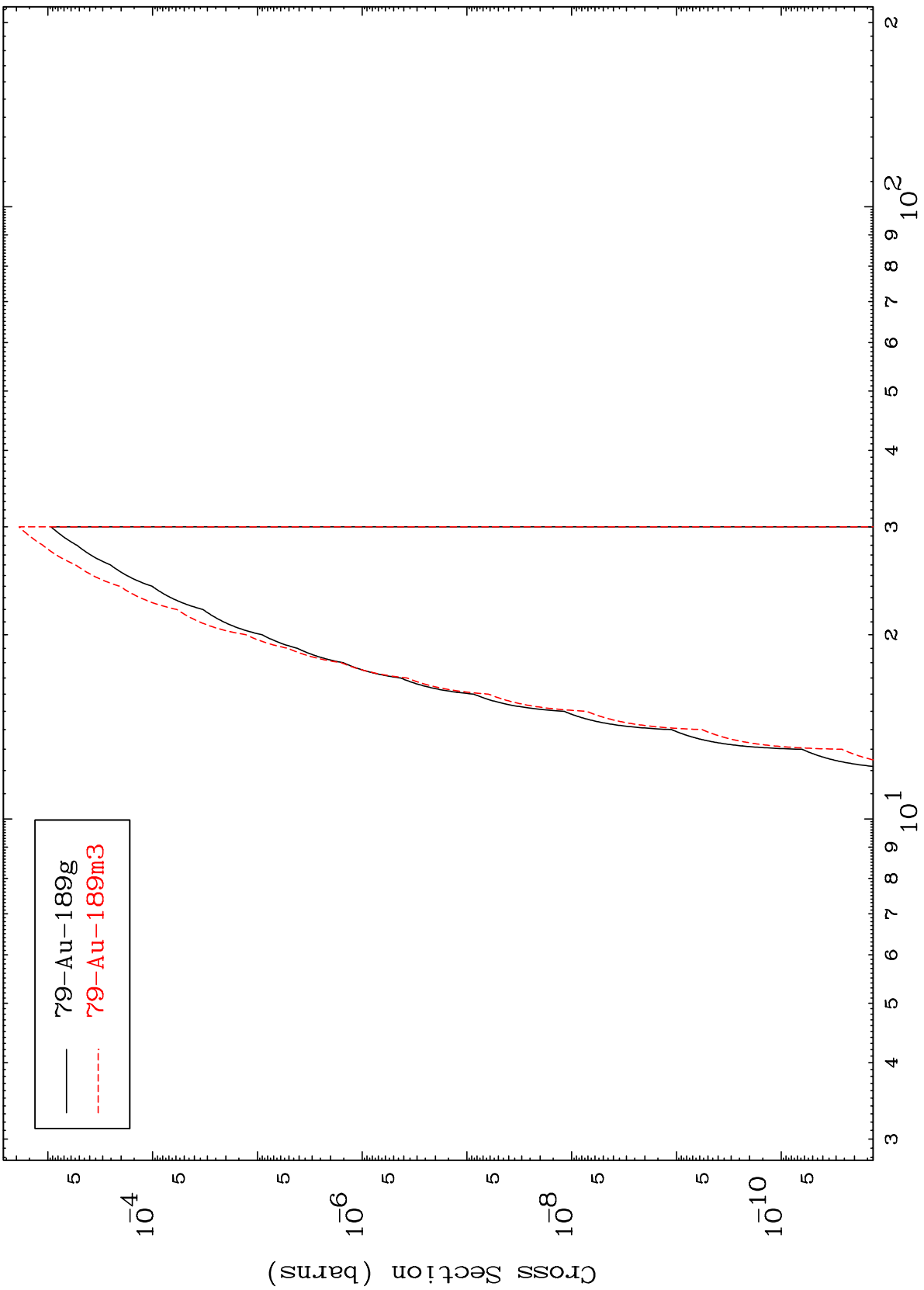


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(n,2n) α

80-Hg-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

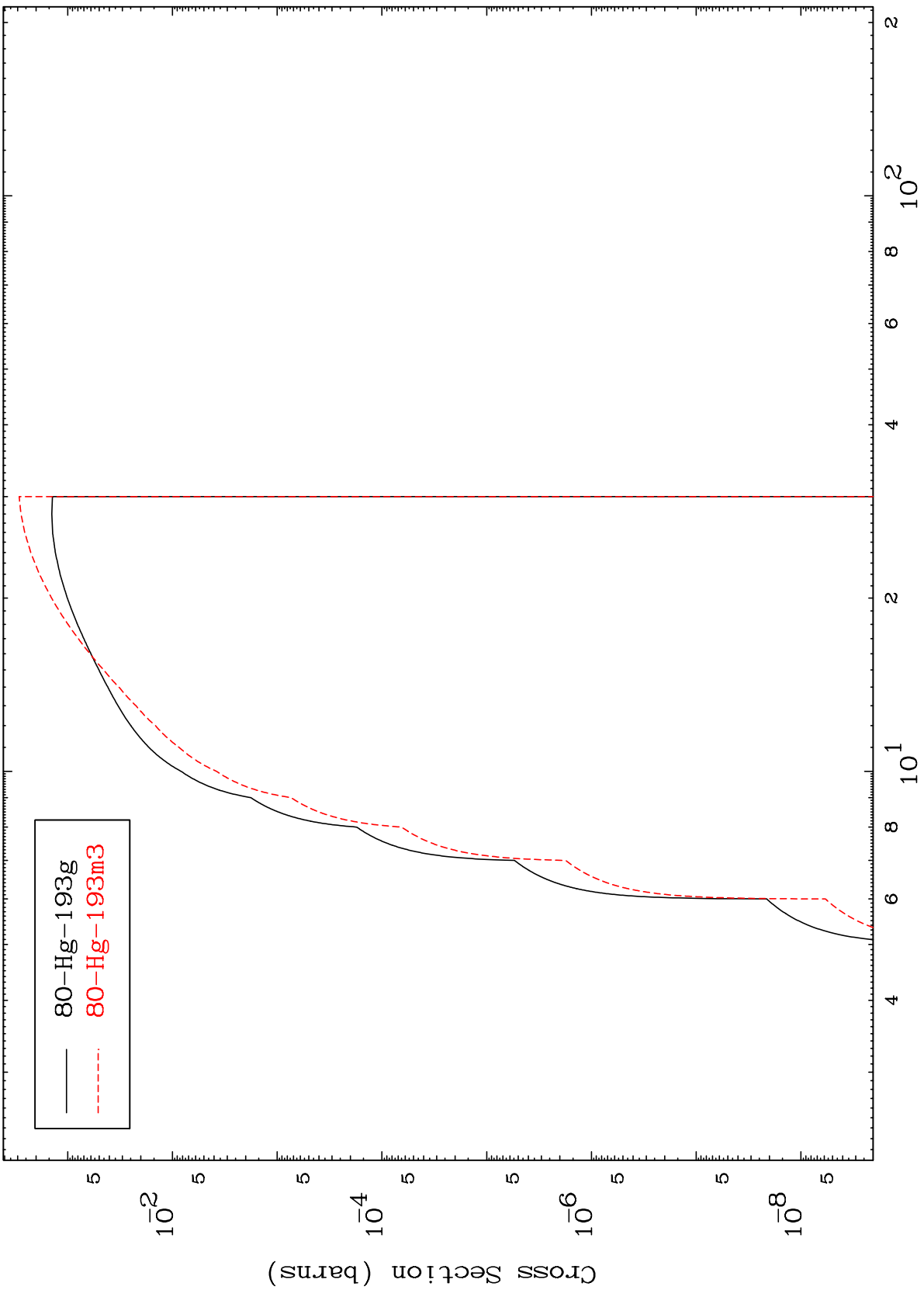
80-Hg-193

MAT 8016

(n,n') p

80-Hg-193

Radionuclide Production Cross Section



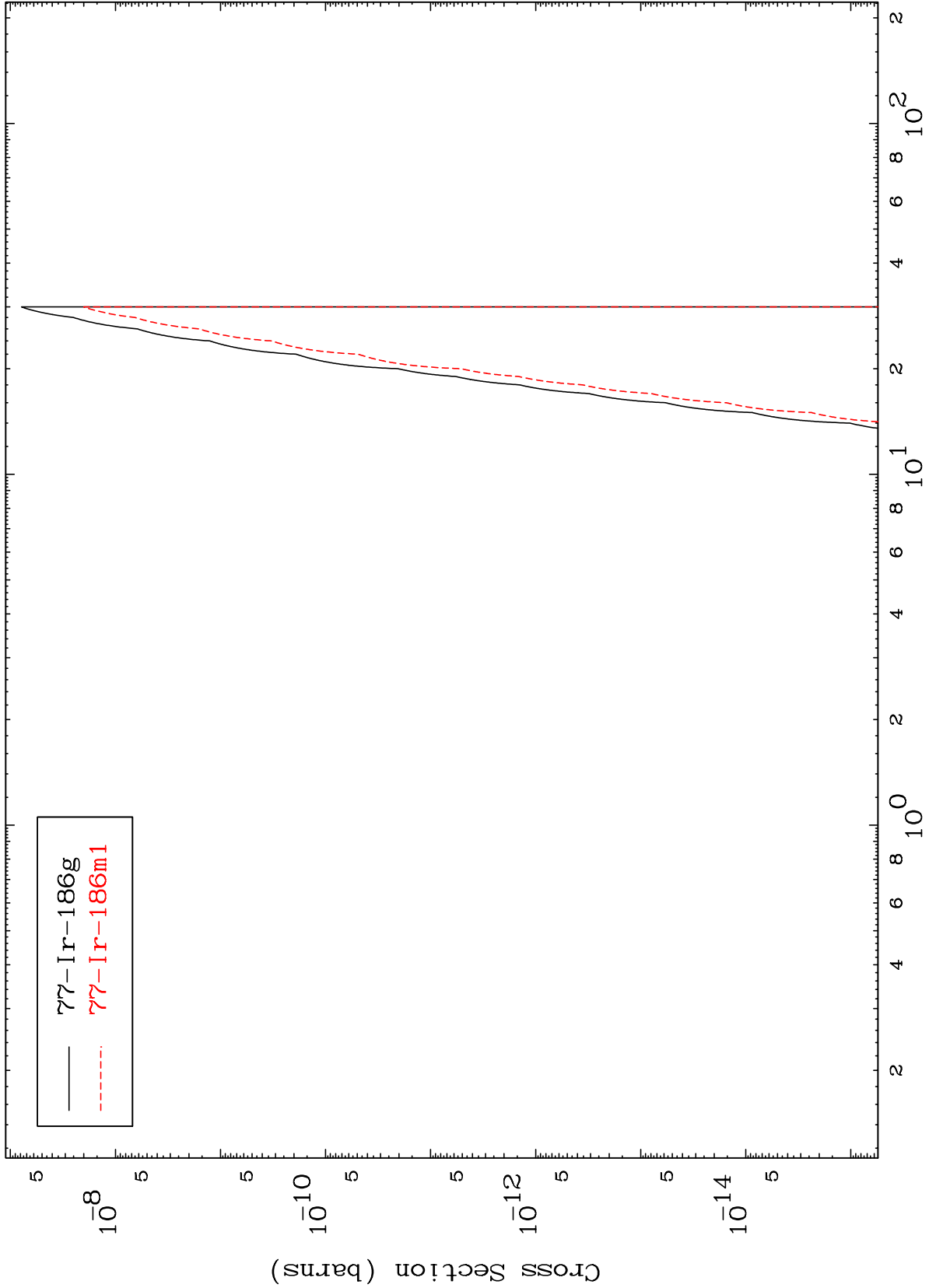
80-Hg-193g
80-Hg-193m3

MAT 8016

(n,n') 2 α

80-Hg-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

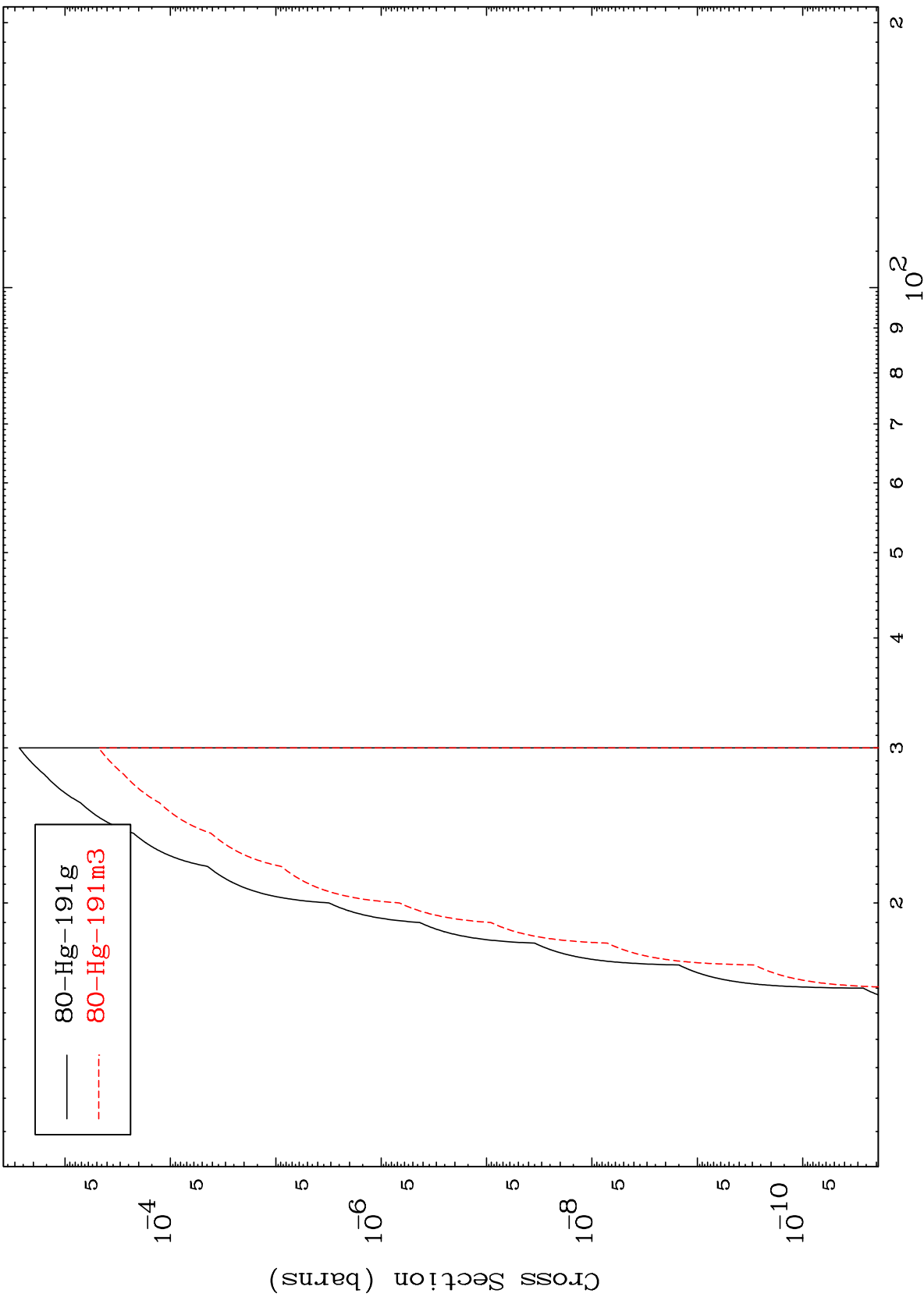
80-Hg-193

MAT 8016

(n,n') t

80-Hg-193

Radionuclide Production Cross Section

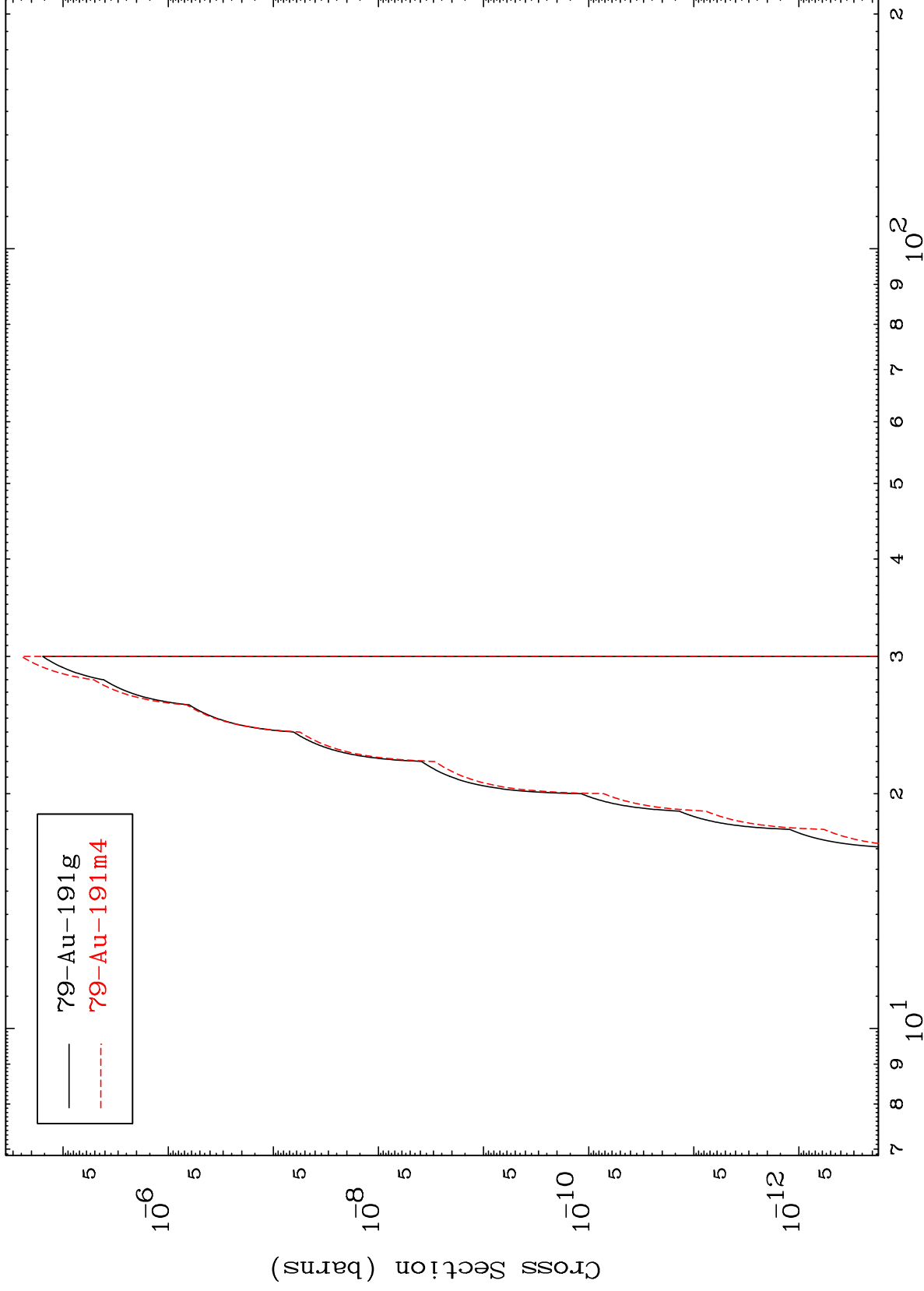


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(n,n') He-3

80-Hg-193

Radionuclide Production Cross Section



22

Incident Energy (MeV)

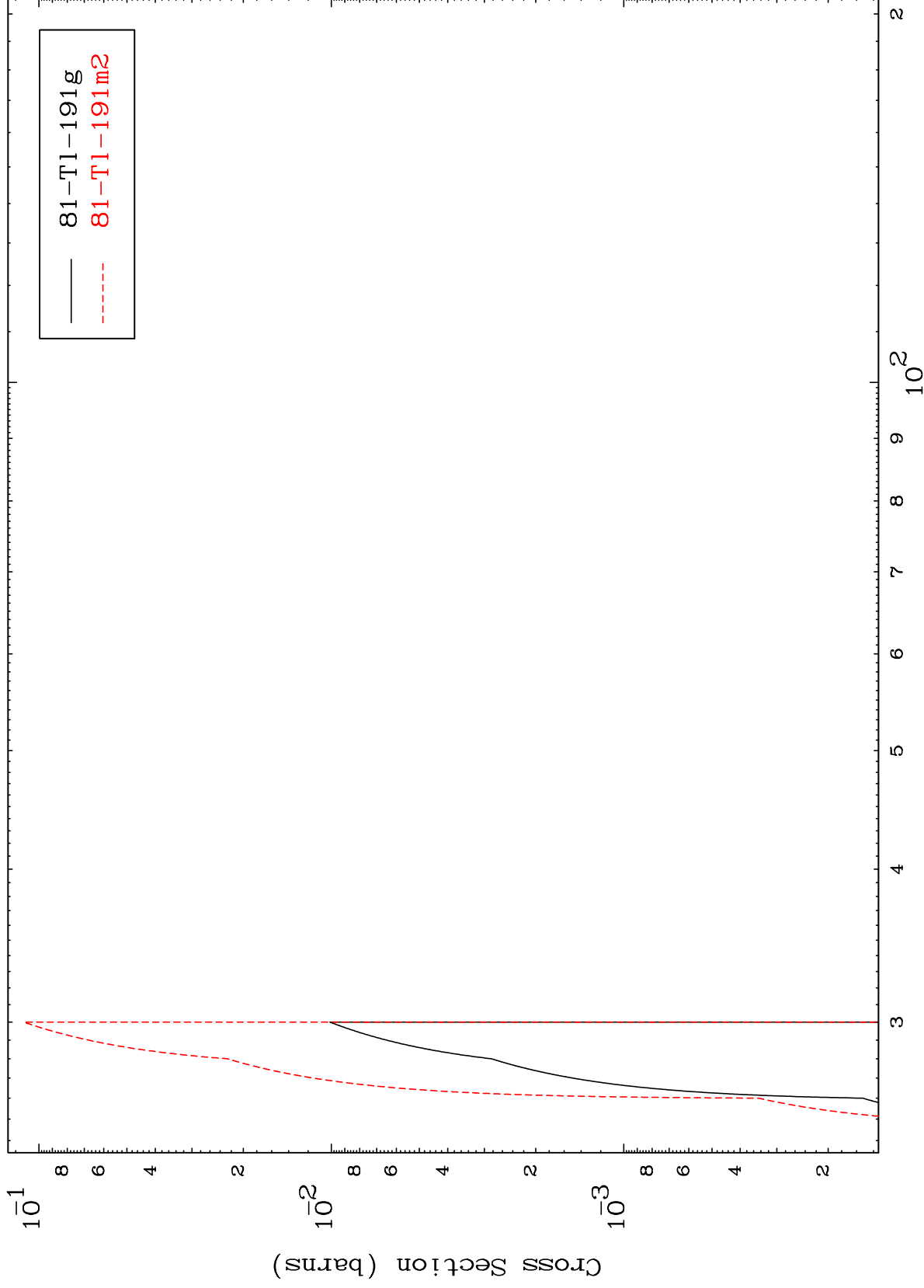
80-Hg-193

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(n,4n)

80-Hg-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

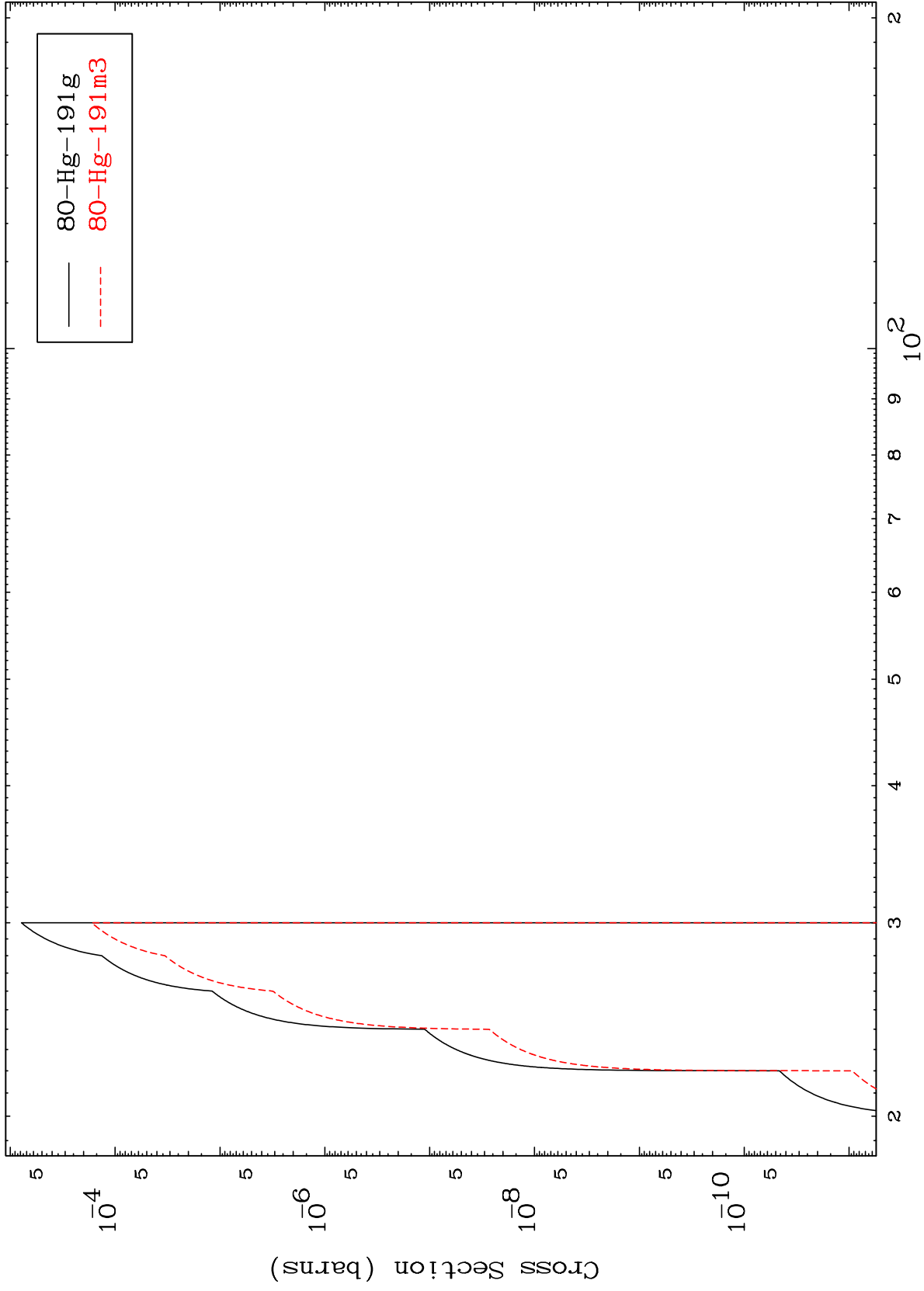
80-Hg-193

MAT 8016

(n,3n) p

80-Hg-193

Radionuclide Production Cross Section



24

Incident Energy (MeV)

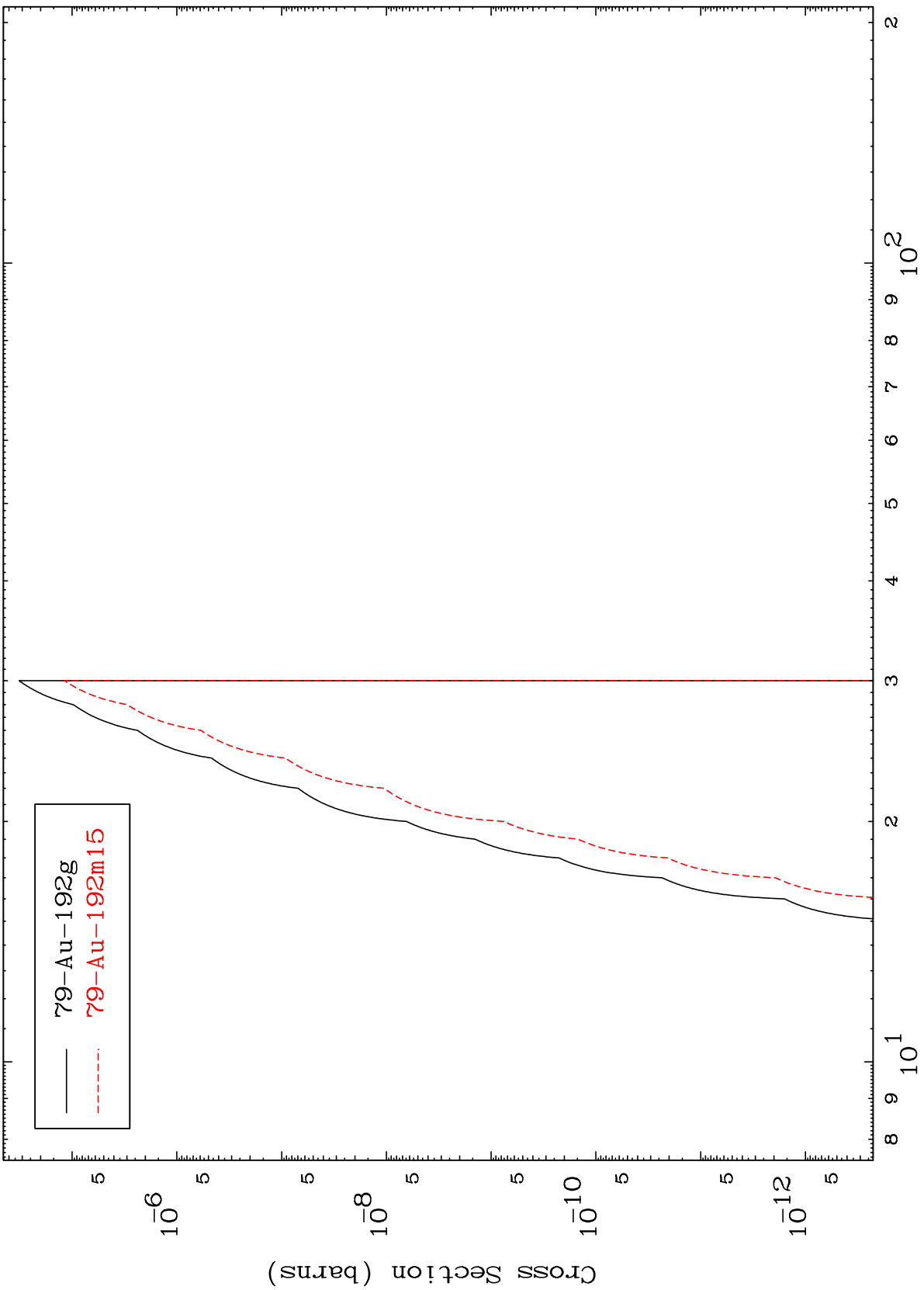
80-Hg-193

MAT 8016

(n,2n) p

80-Hg-193

Radionuclide Production Cross Section



25

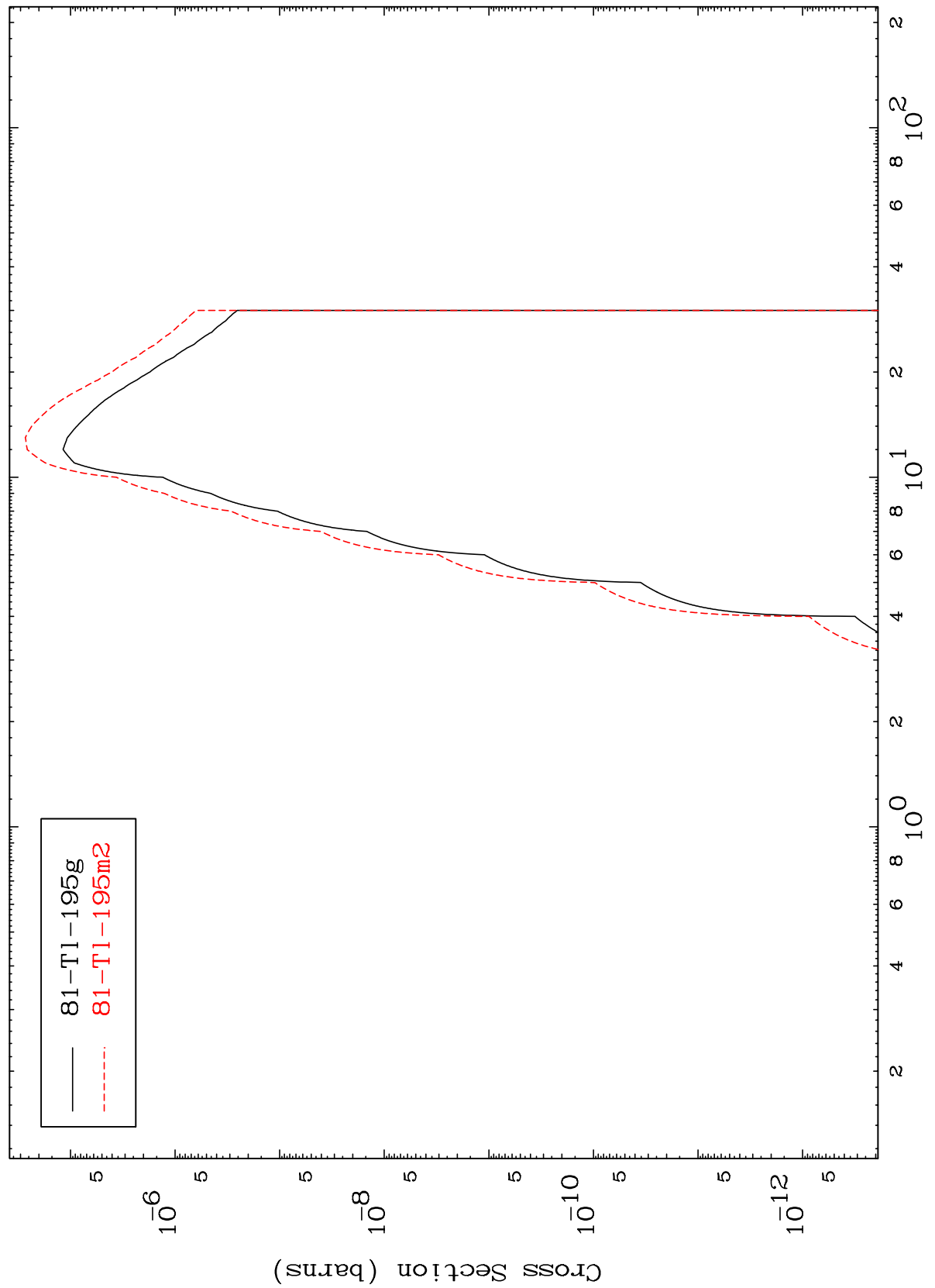
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

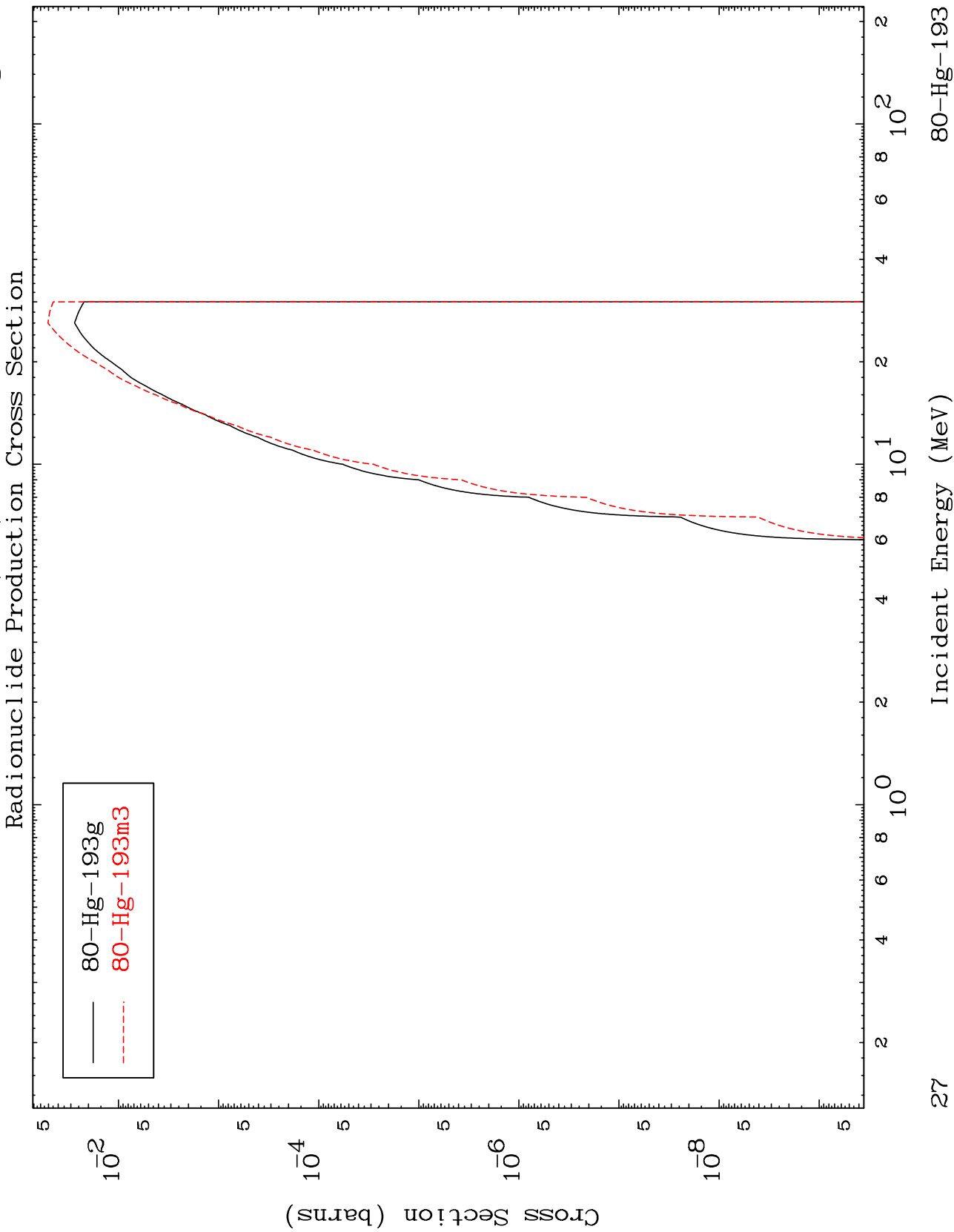
(n, γ)
Radionuclide Production Cross Section



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(n, d)

80-Hg-193

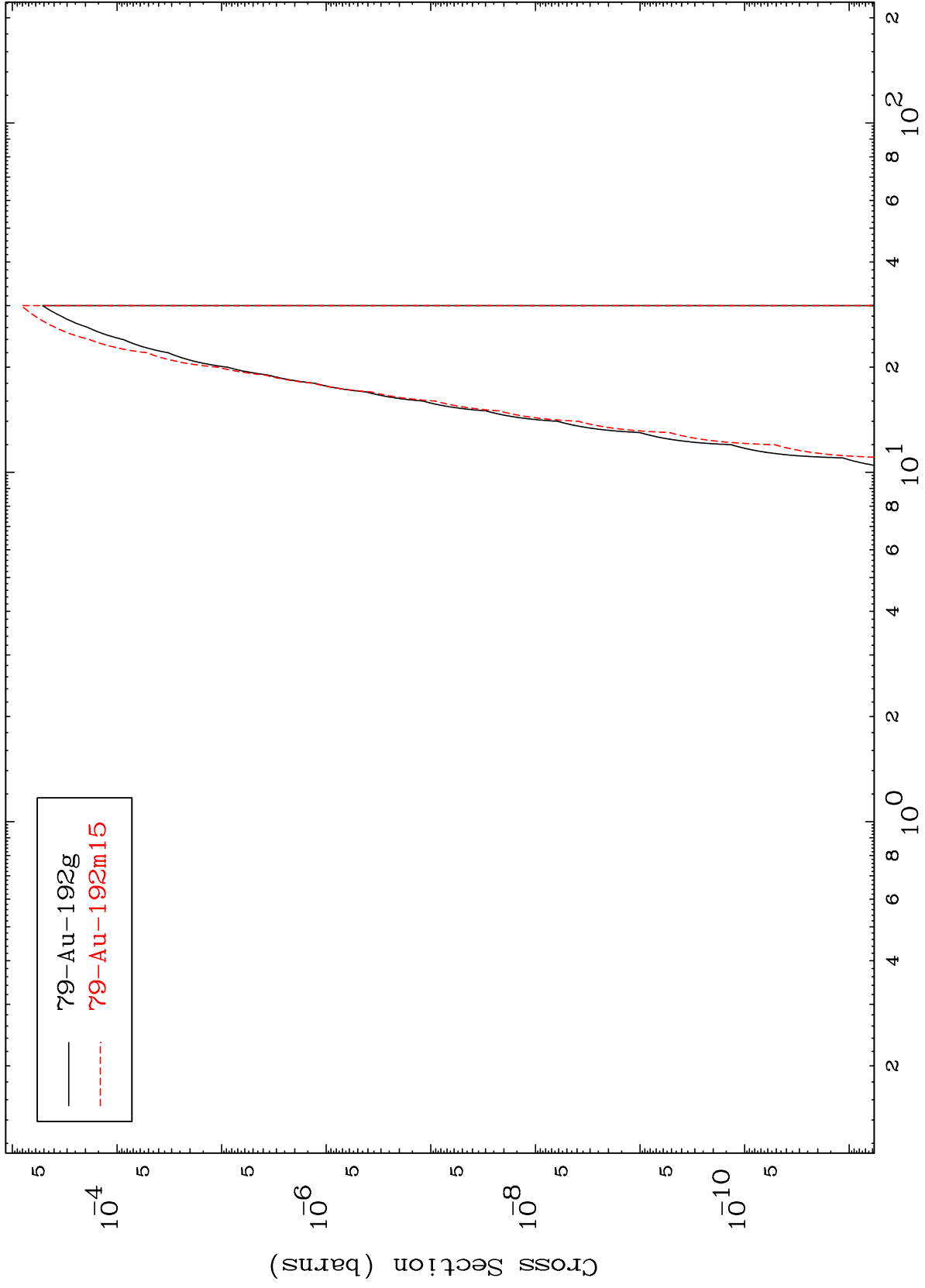


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(n,He-3)

80-Hg-193

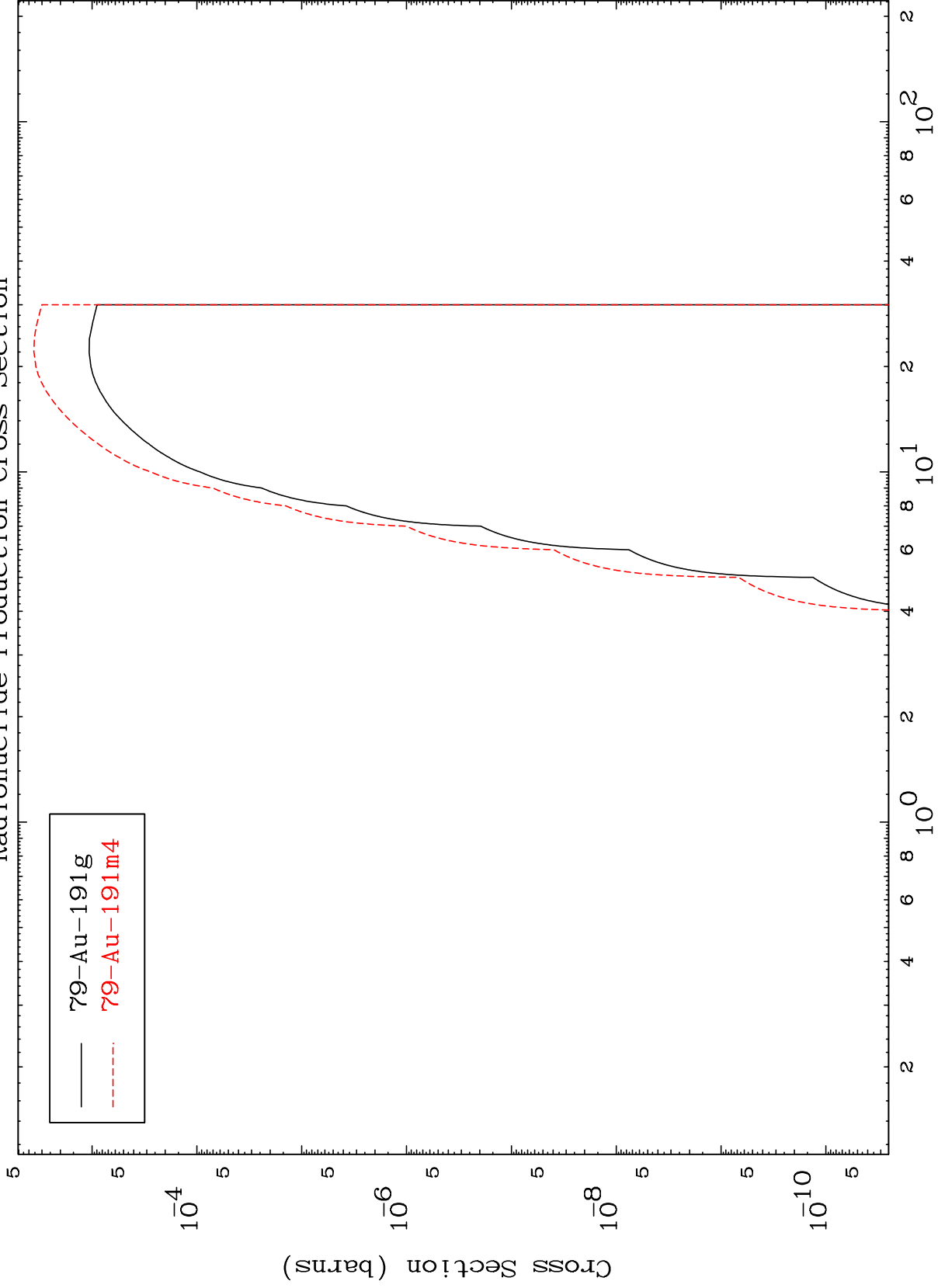
Radionuclide Production Cross Section



MAT 8016

80-Hg-193

Radionuclide Production Cross Section
(n, α)



29

80-Hg-193

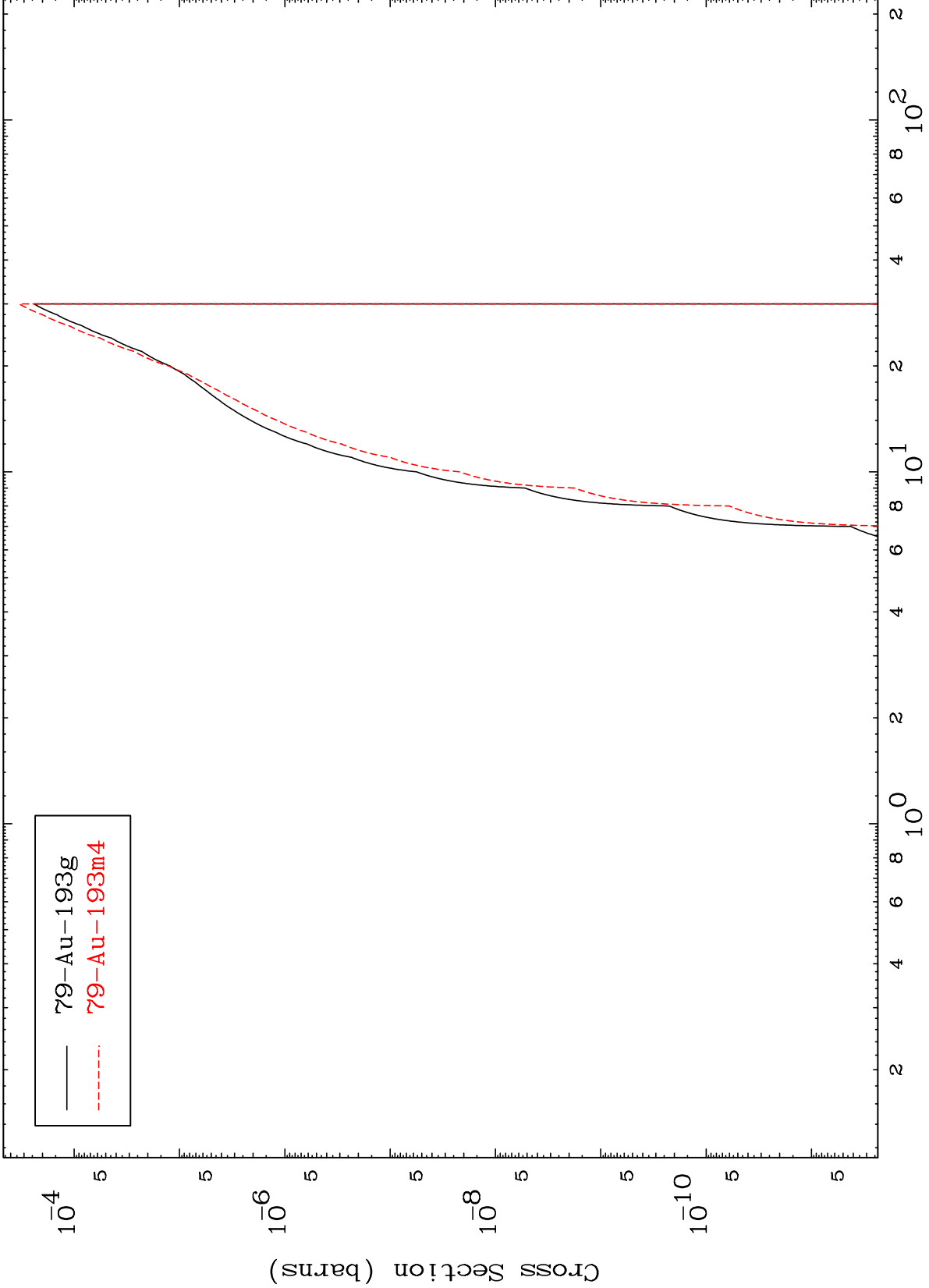
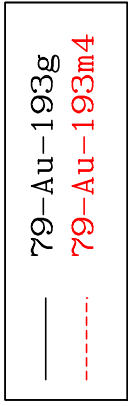
Incident Energy (MeV)

MAT 8016

(n,2p)

80-Hg-193

Radionuclide Production Cross Section



30

Incident Energy (MeV)

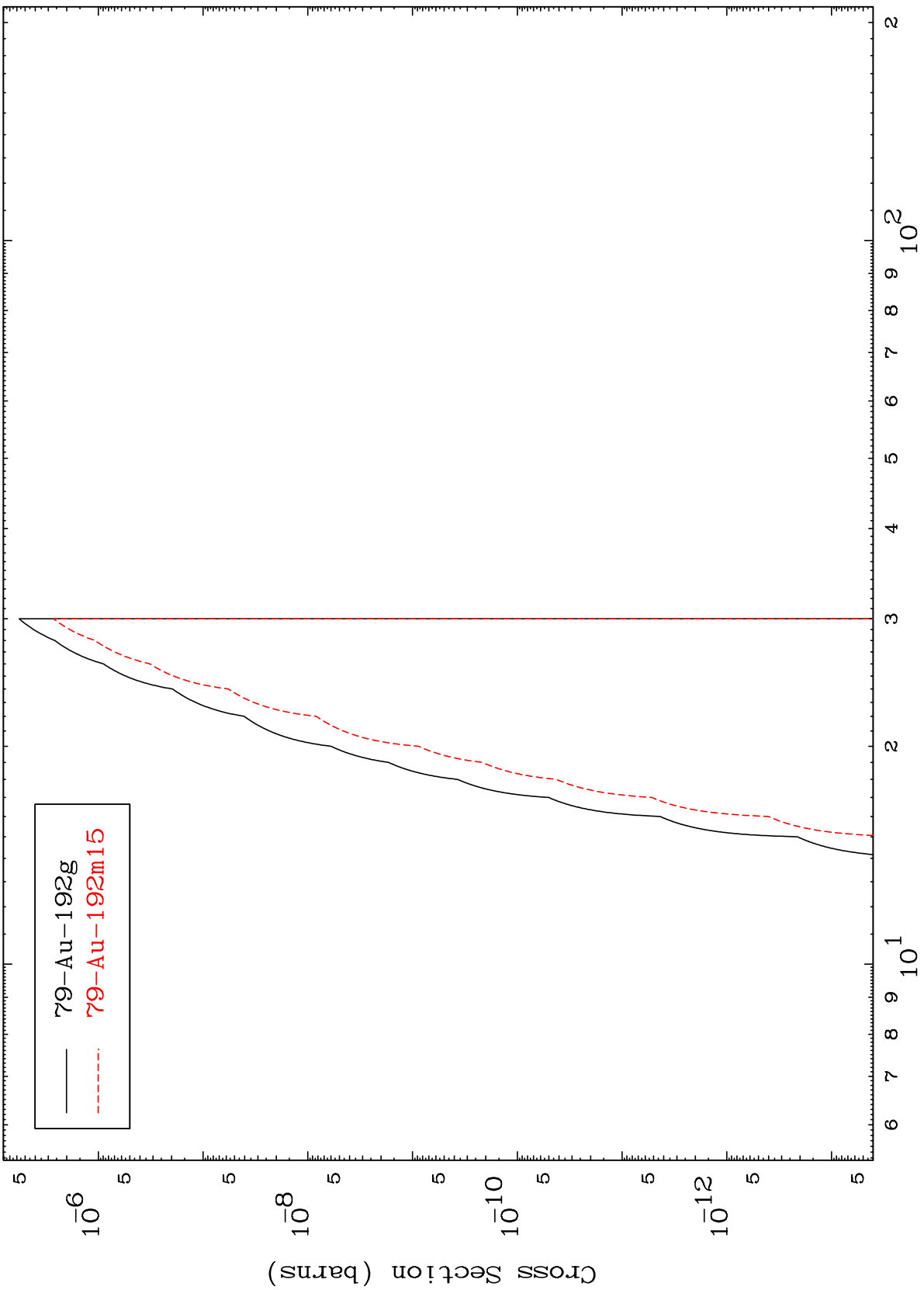
80-Hg-193

MAT 8016

(n,p) d

80-Hg-193

Radionuclide Production Cross Section

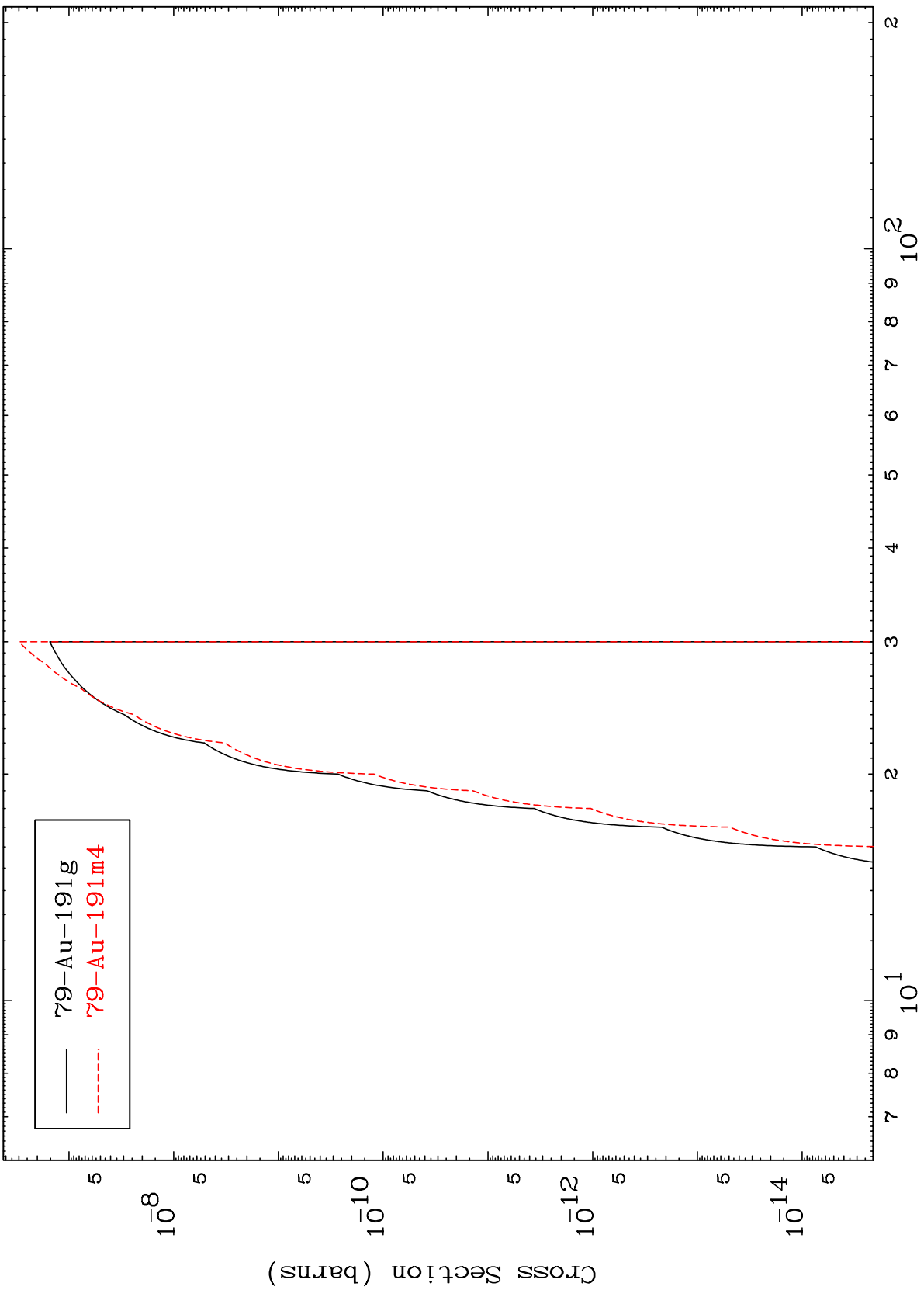


MAT 8016

(n,p) t

80-Hg-193

Radionuclide Production Cross Section



32

Incident Energy (MeV)

80-Hg-193