

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

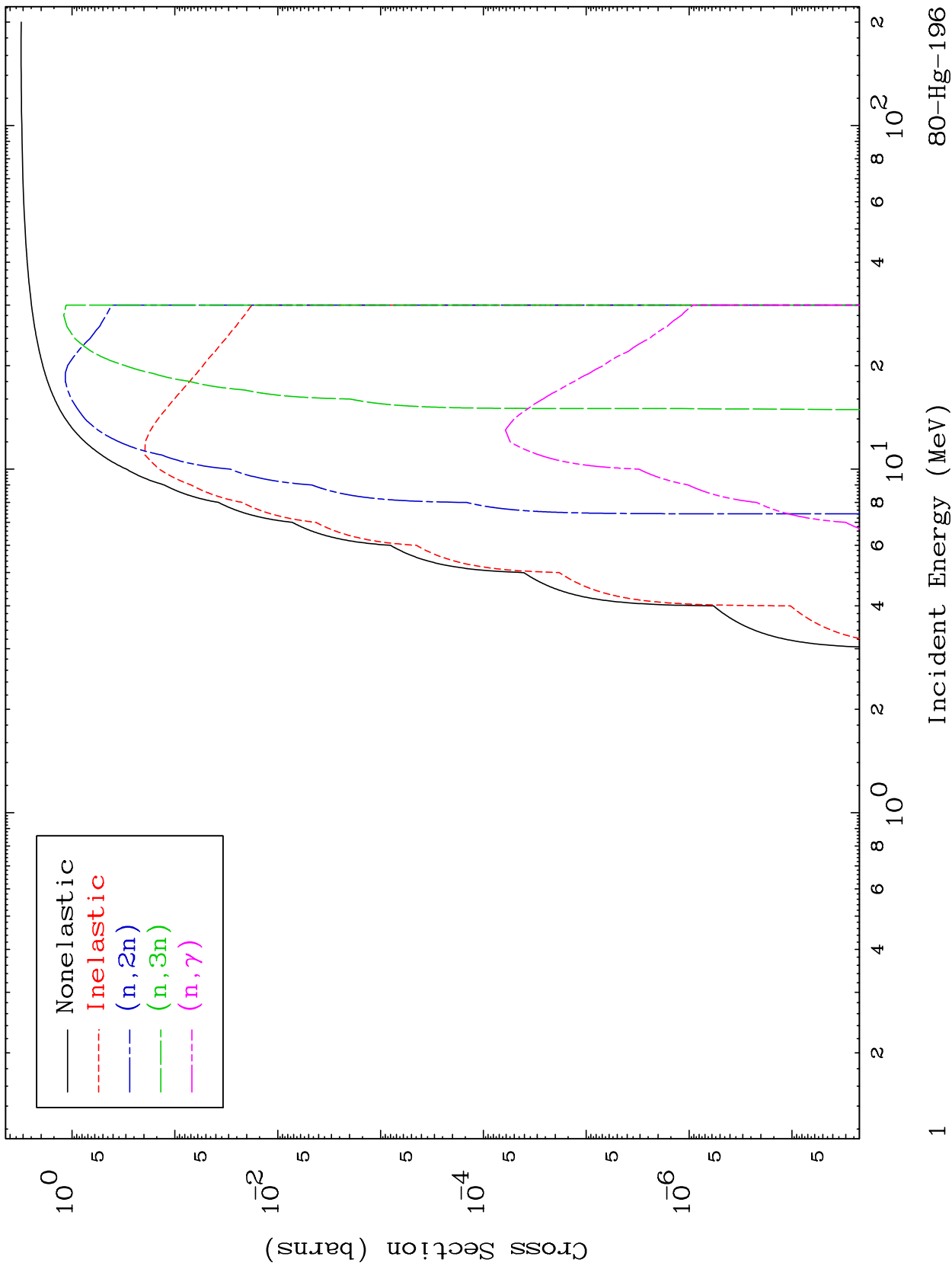
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Web:redcullen1.net/HOMEPAGE.NEW

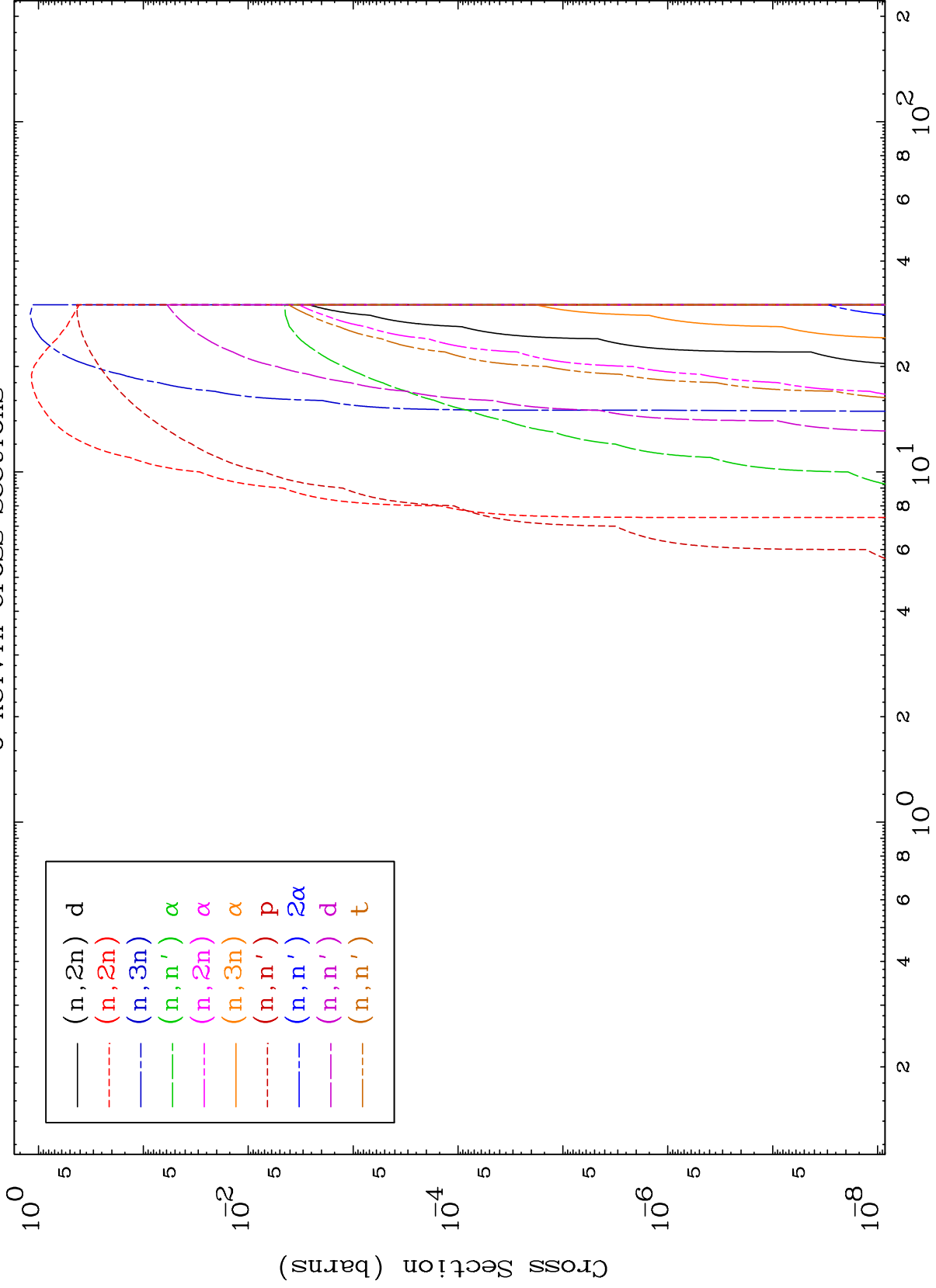
Press Mouse Button to Start

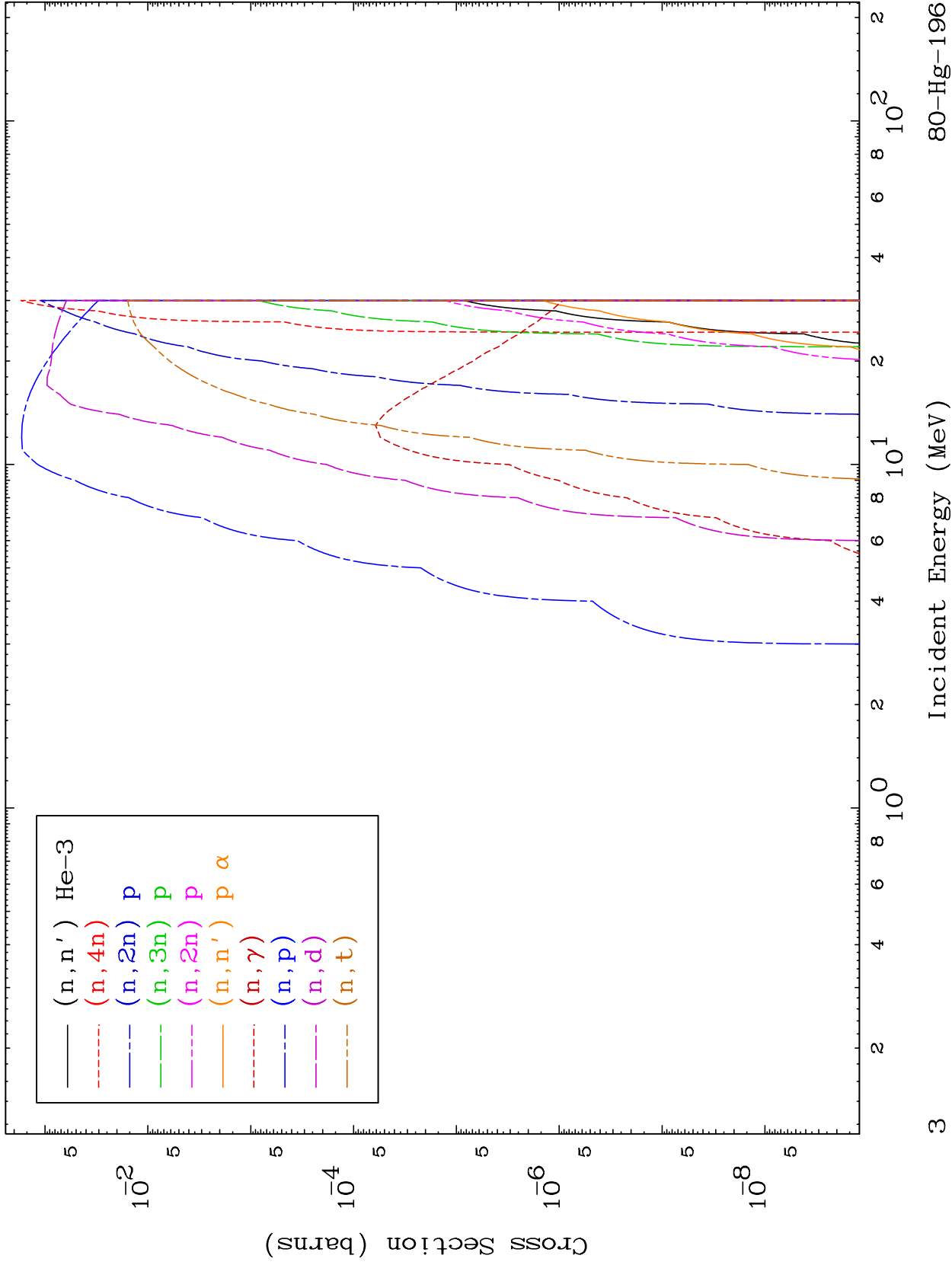


MAT 8025

Deuteron Neutron Absorption
0 Kelvin Cross Sections

80-Hg-196

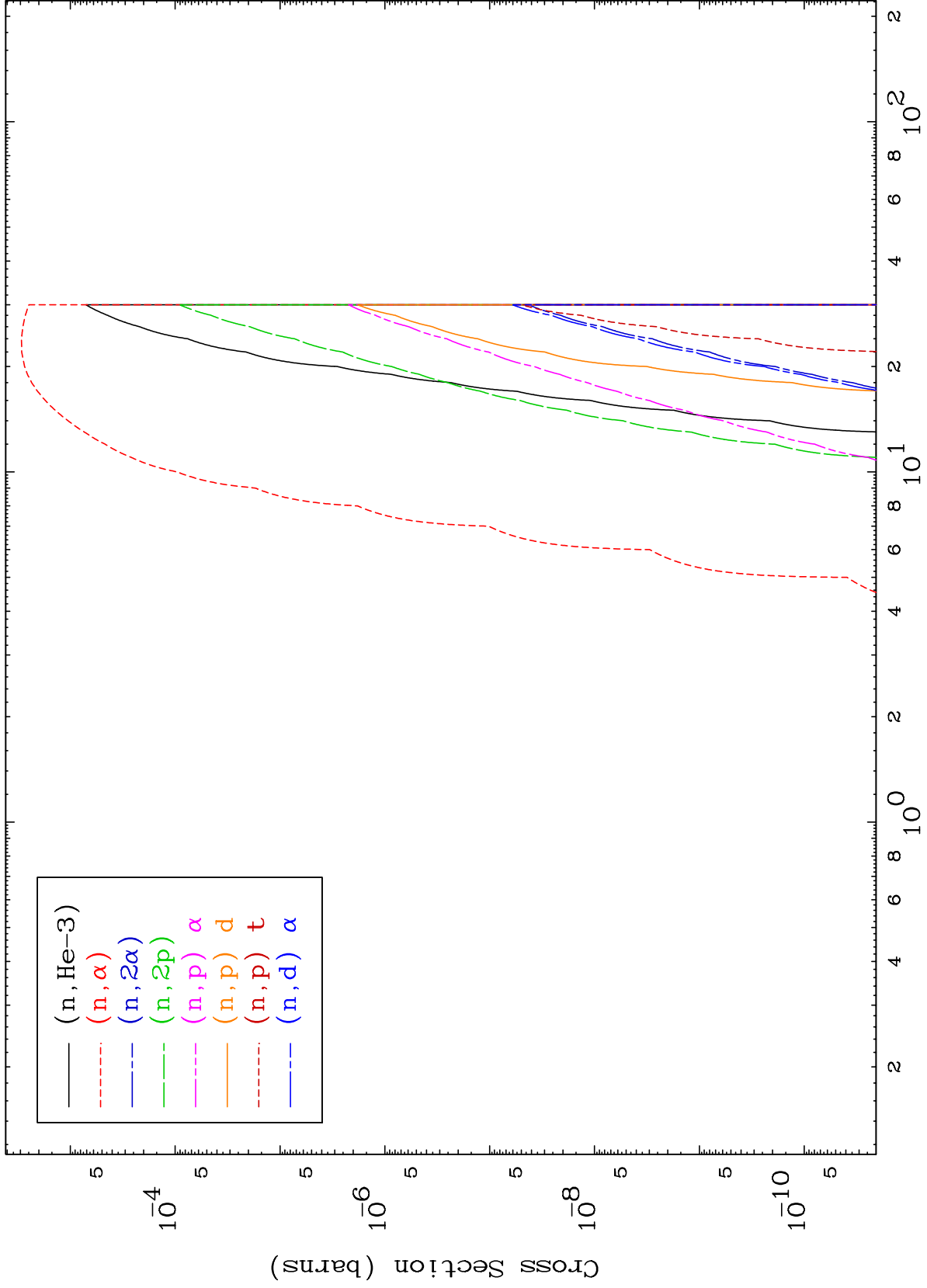


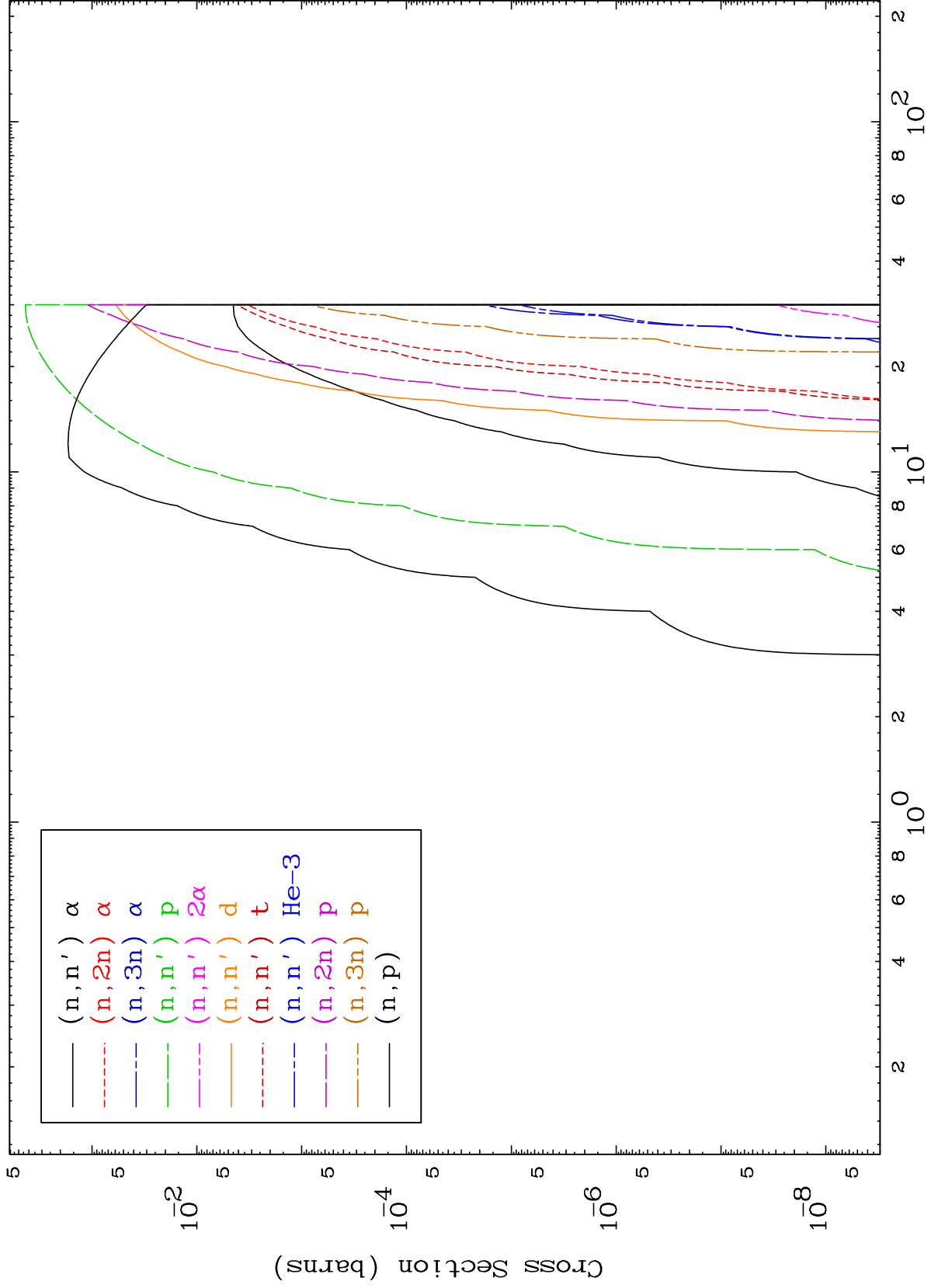


MAT 8025

Deuteron Neutron Absorption
0 Kelvin Cross Sections

80-Hg-196

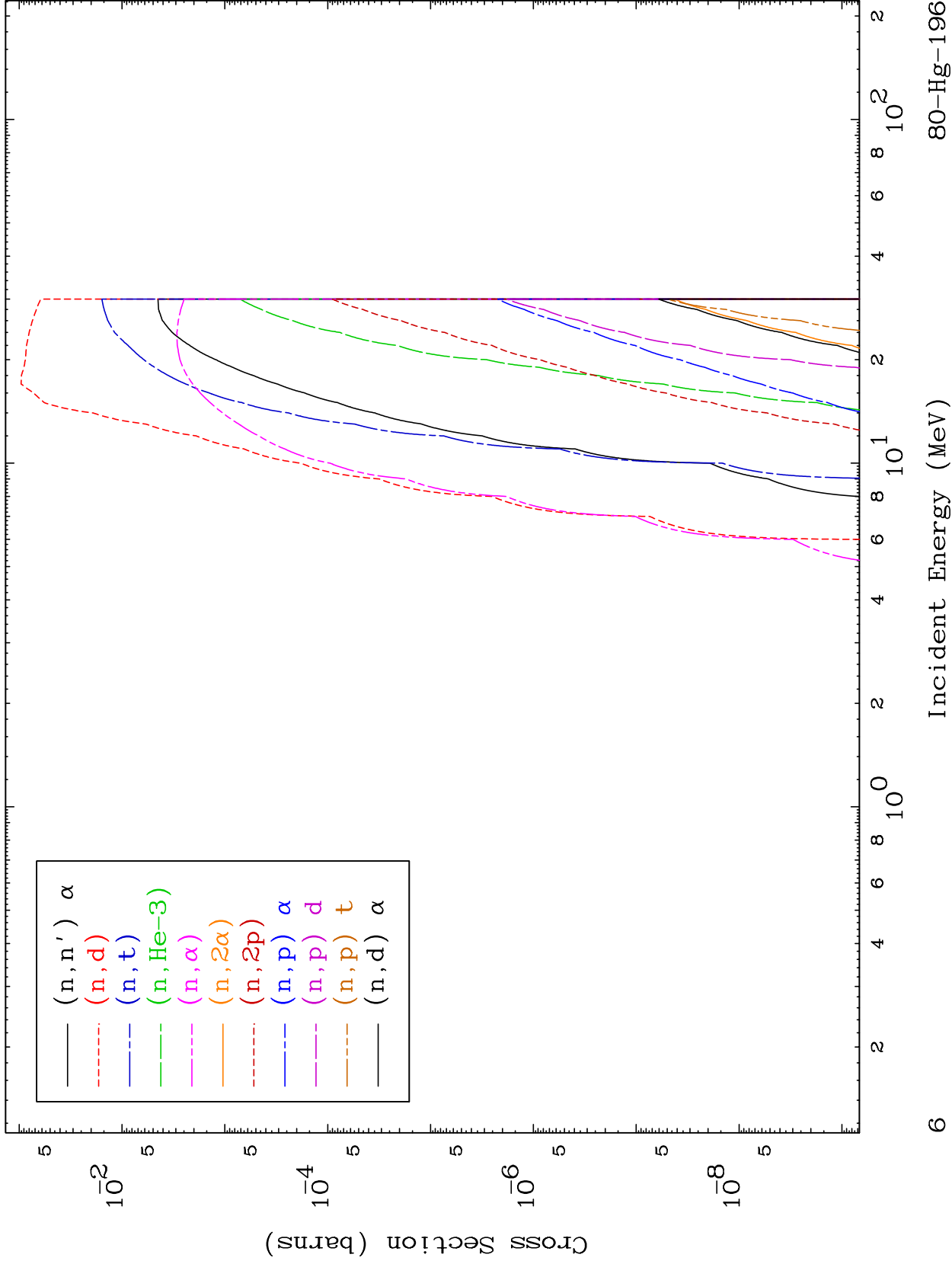




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Deuteron Charged Particle
0 Kelvin Cross Sections

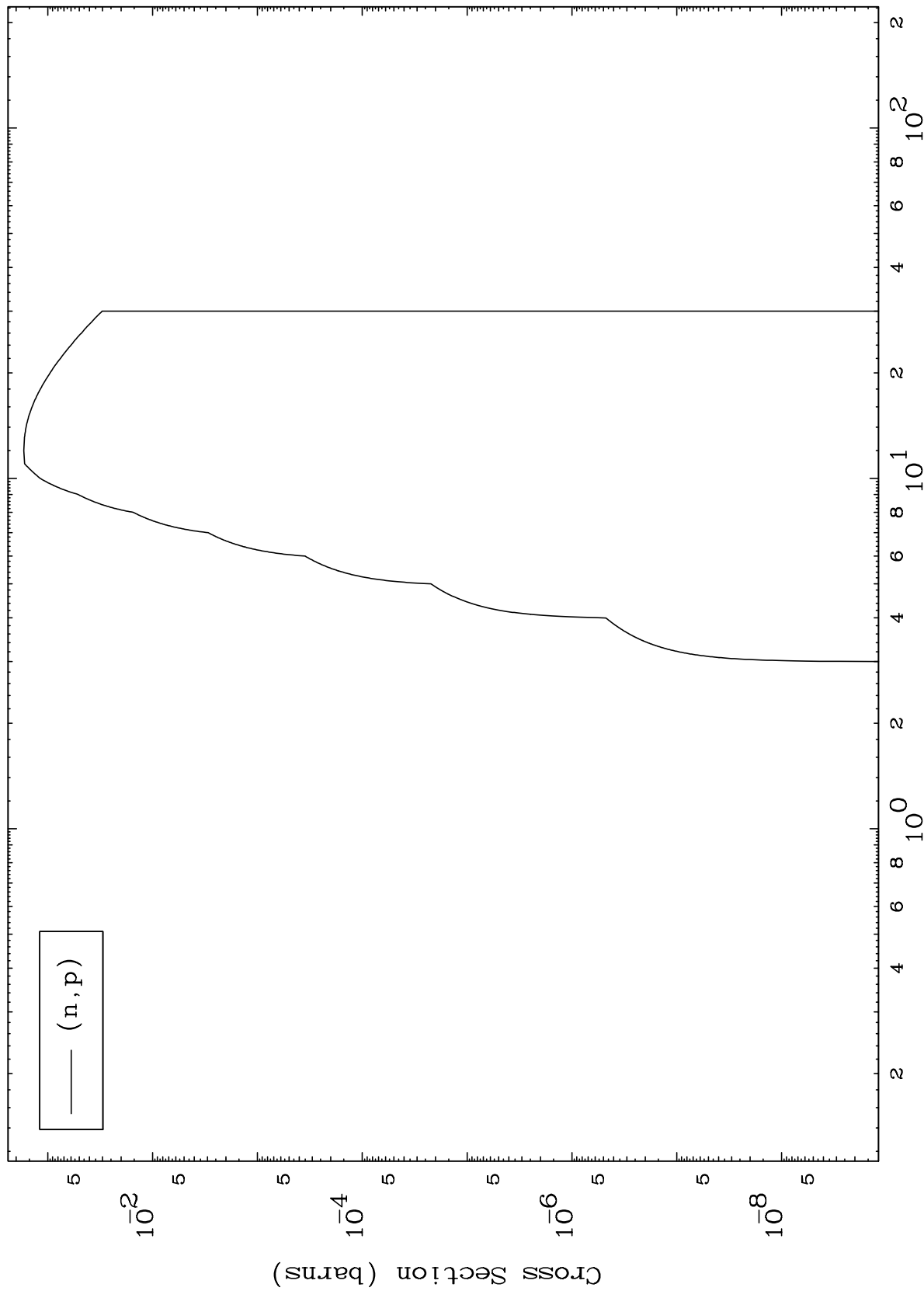
80-Hg-196



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80-Hg-196

(d,p) Levels
0 Kelvin Cross Sections



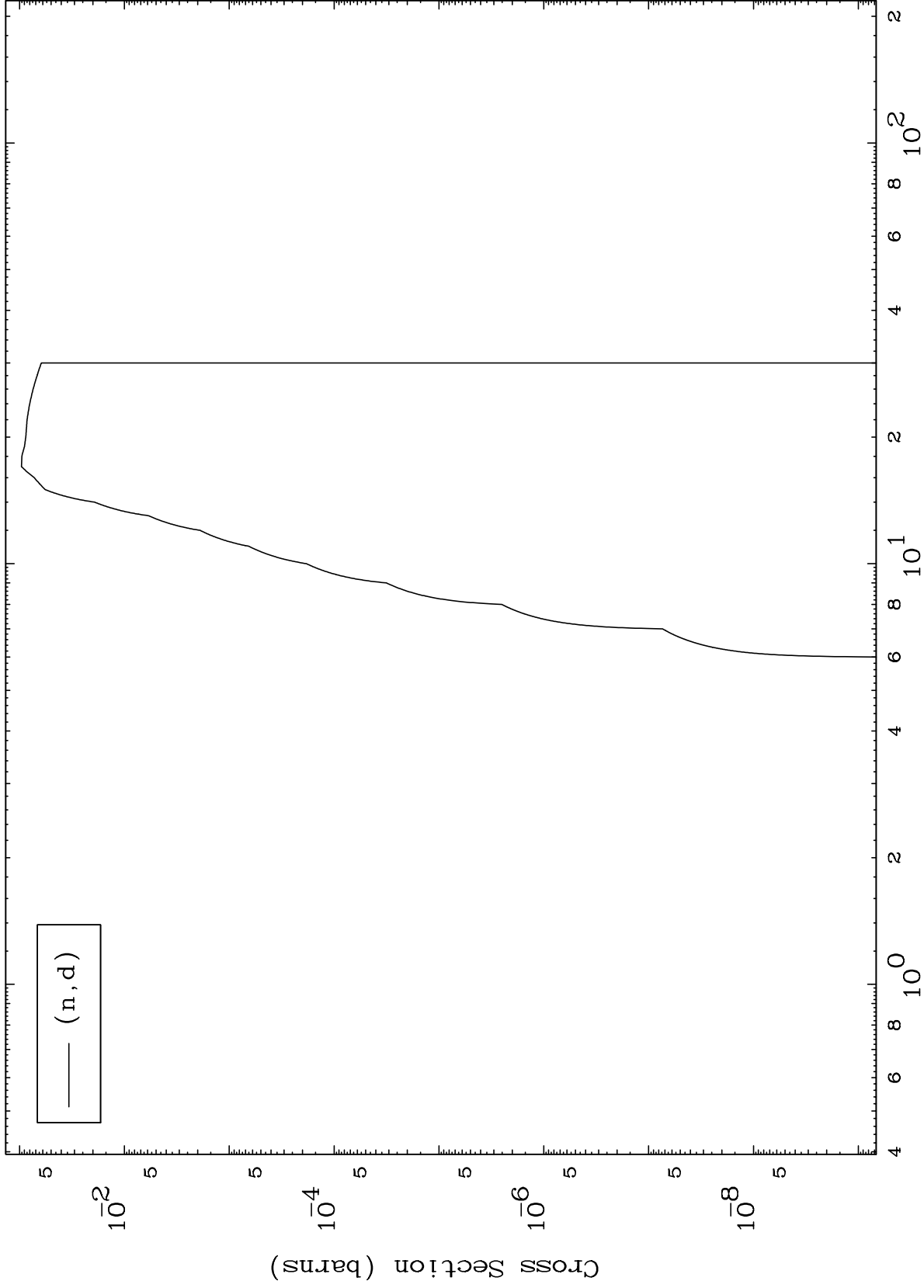
80-Hg-196

Incident Energy (MeV)

MAT 8025

(d,d) Levels
0 Kelvin Cross Sections

80-Hg-196



8

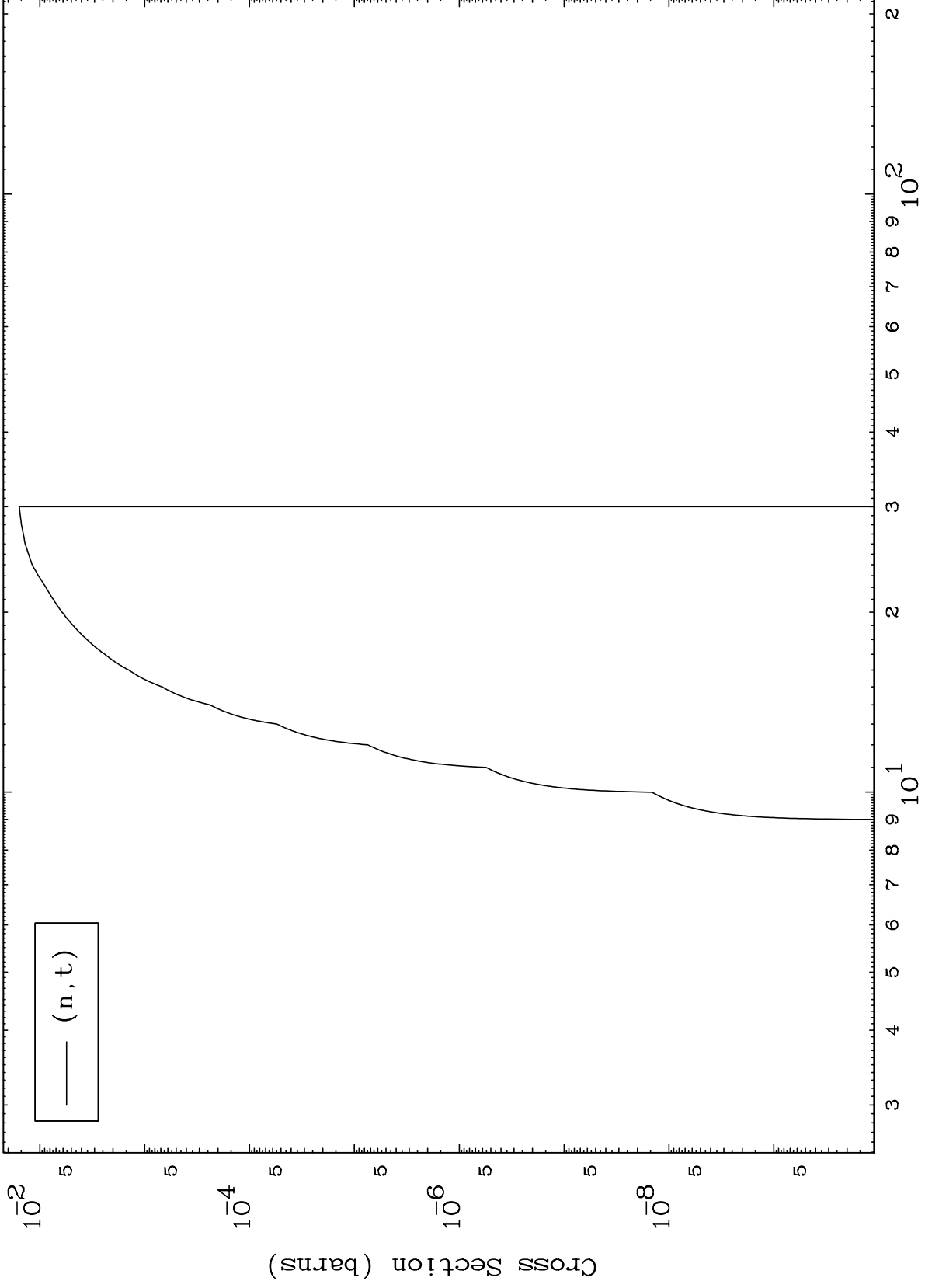
Incident Energy (MeV)

80-Hg-196

MAT 8025

(d, t) Levels
0 Kelvin Cross Sections

80-Hg-196

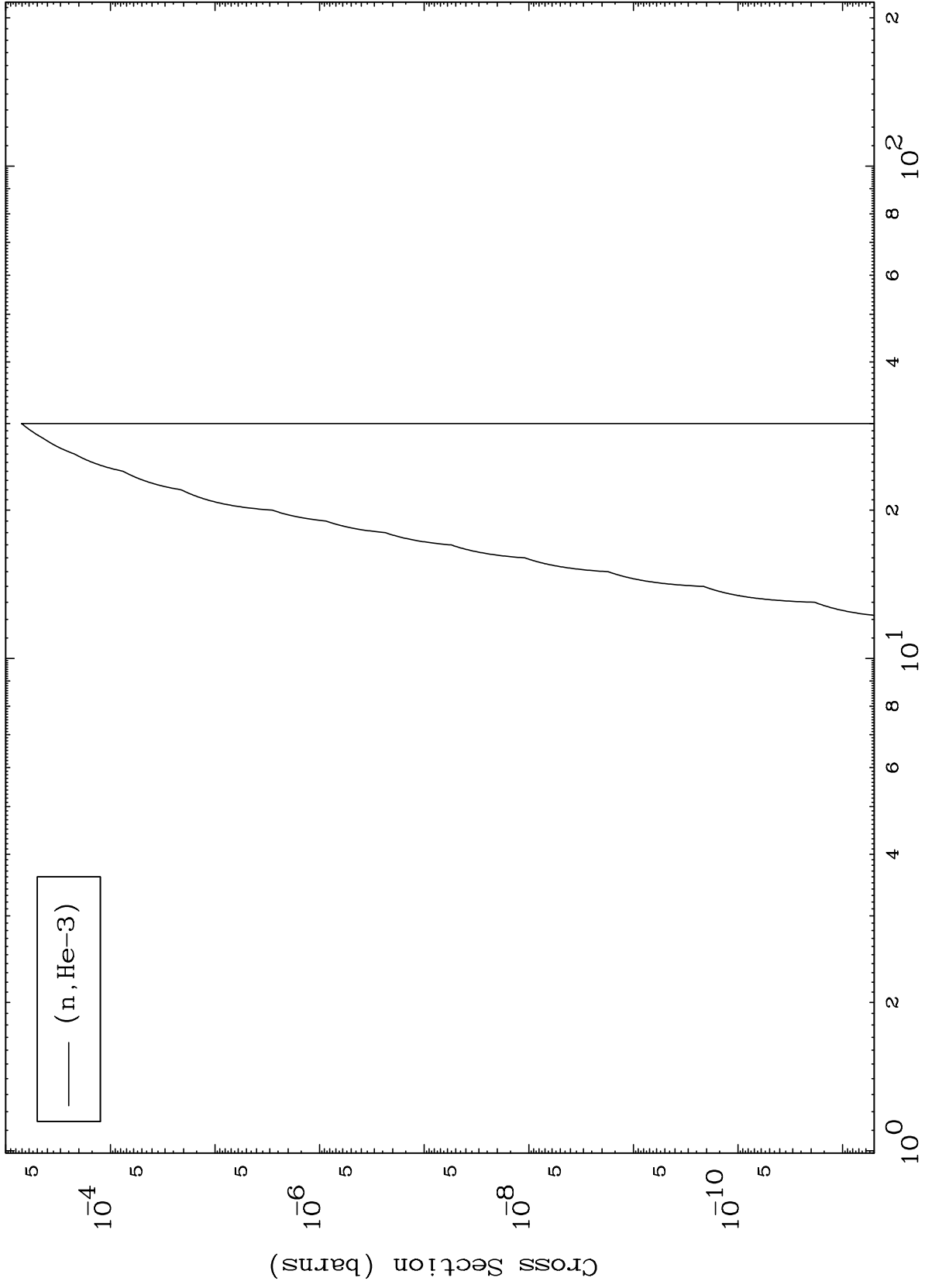


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(d,He3) Levels

80-Hg-196

0 Kelvin Cross Sections



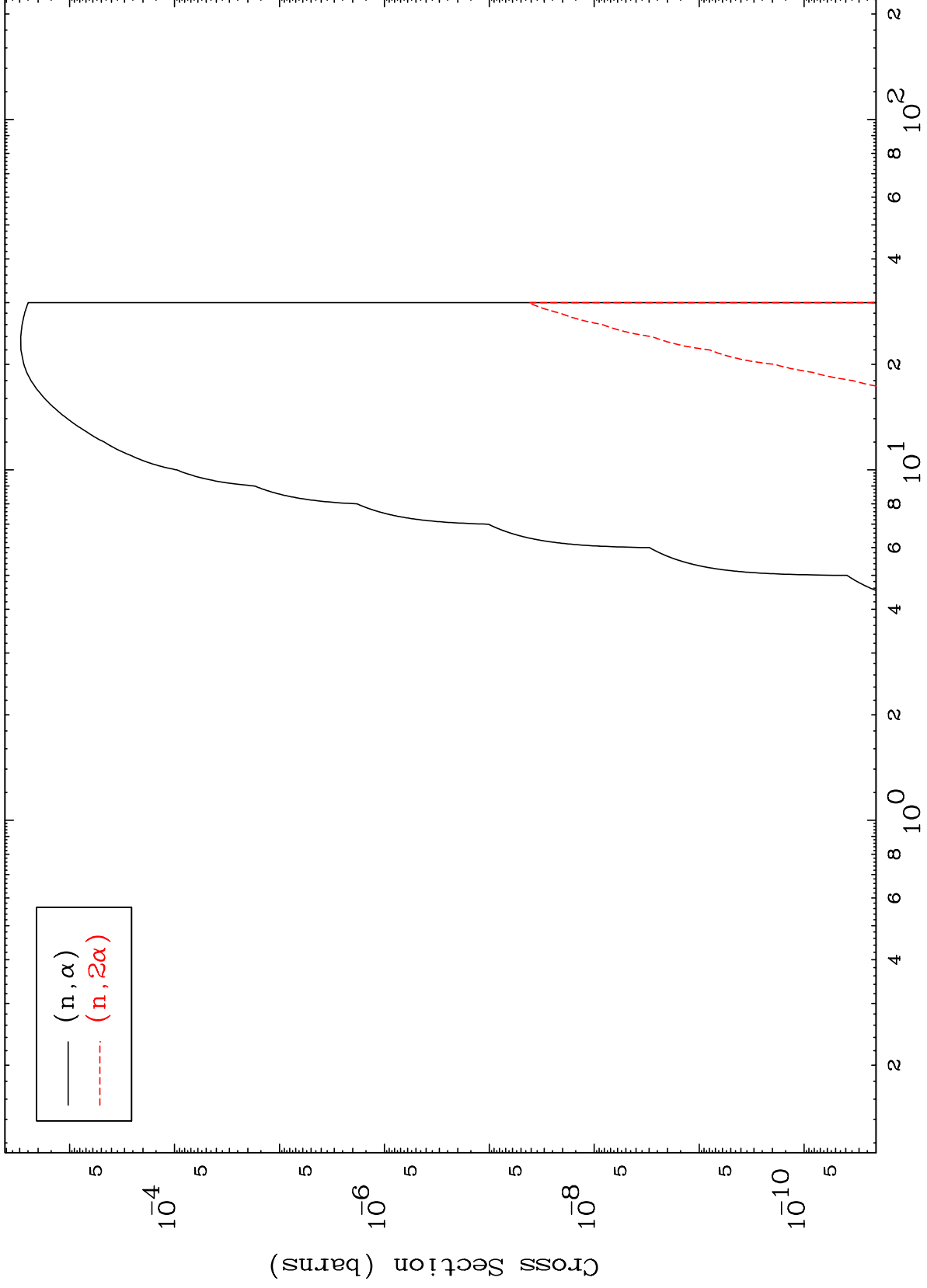
Incident Energy (MeV)

80-Hg-196

MAT 8025

(d, α) Levels
0 Kelvin Cross Sections

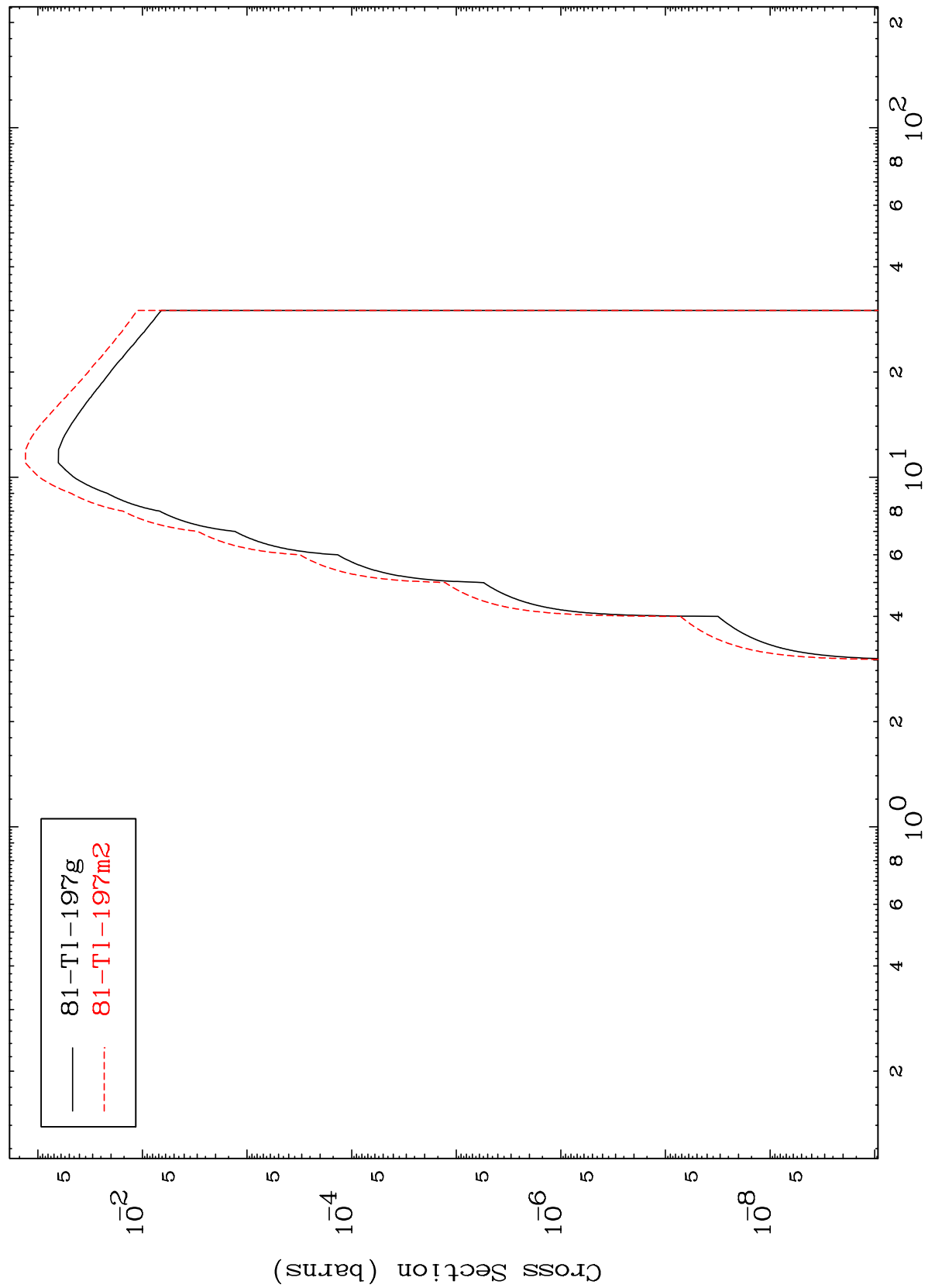
80-Hg-196



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80-Hg-196

Inelastic
Radionuclide Production Cross Section



80-Hg-196

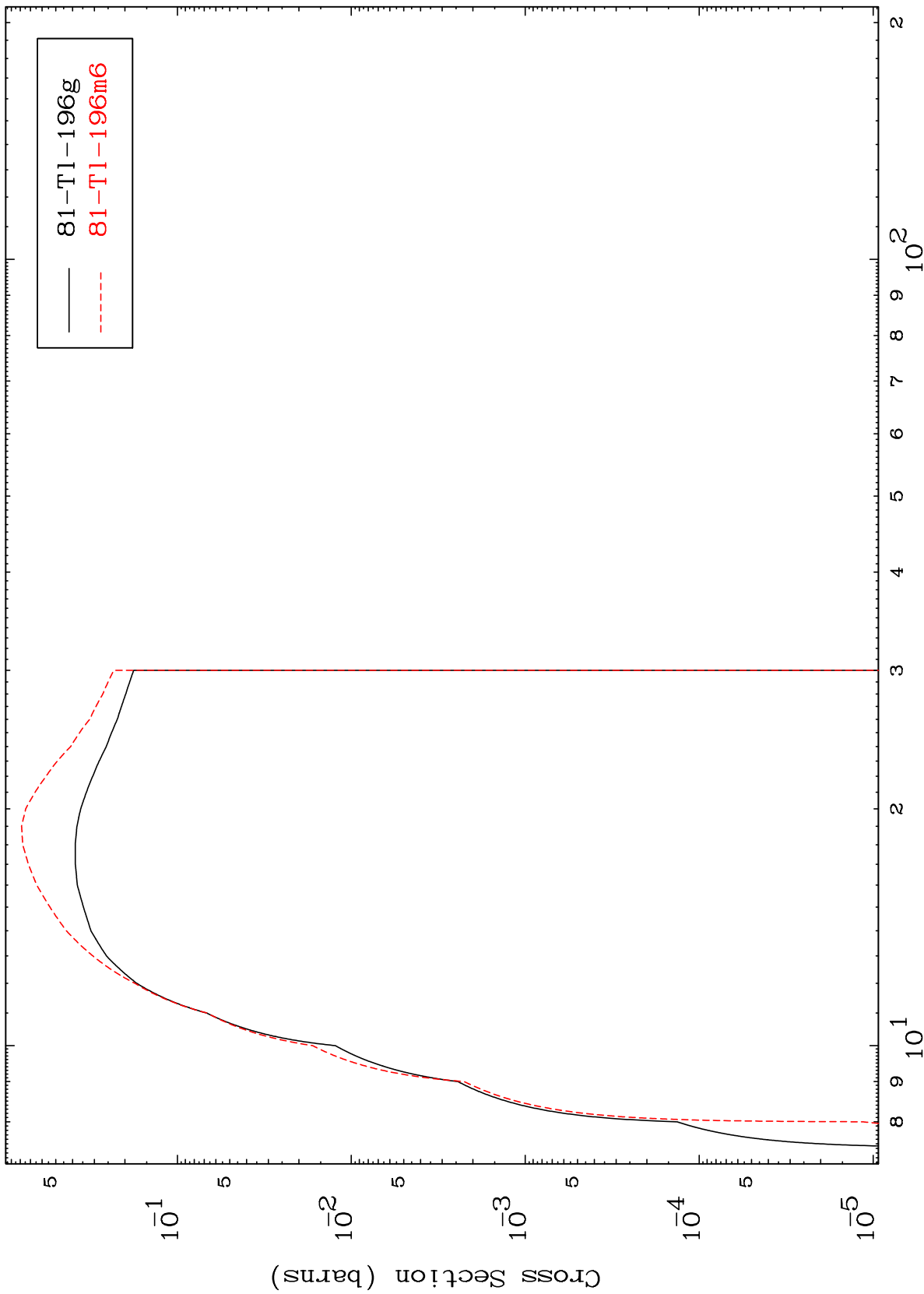
Incident Energy (MeV)

12

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80-Hg-196

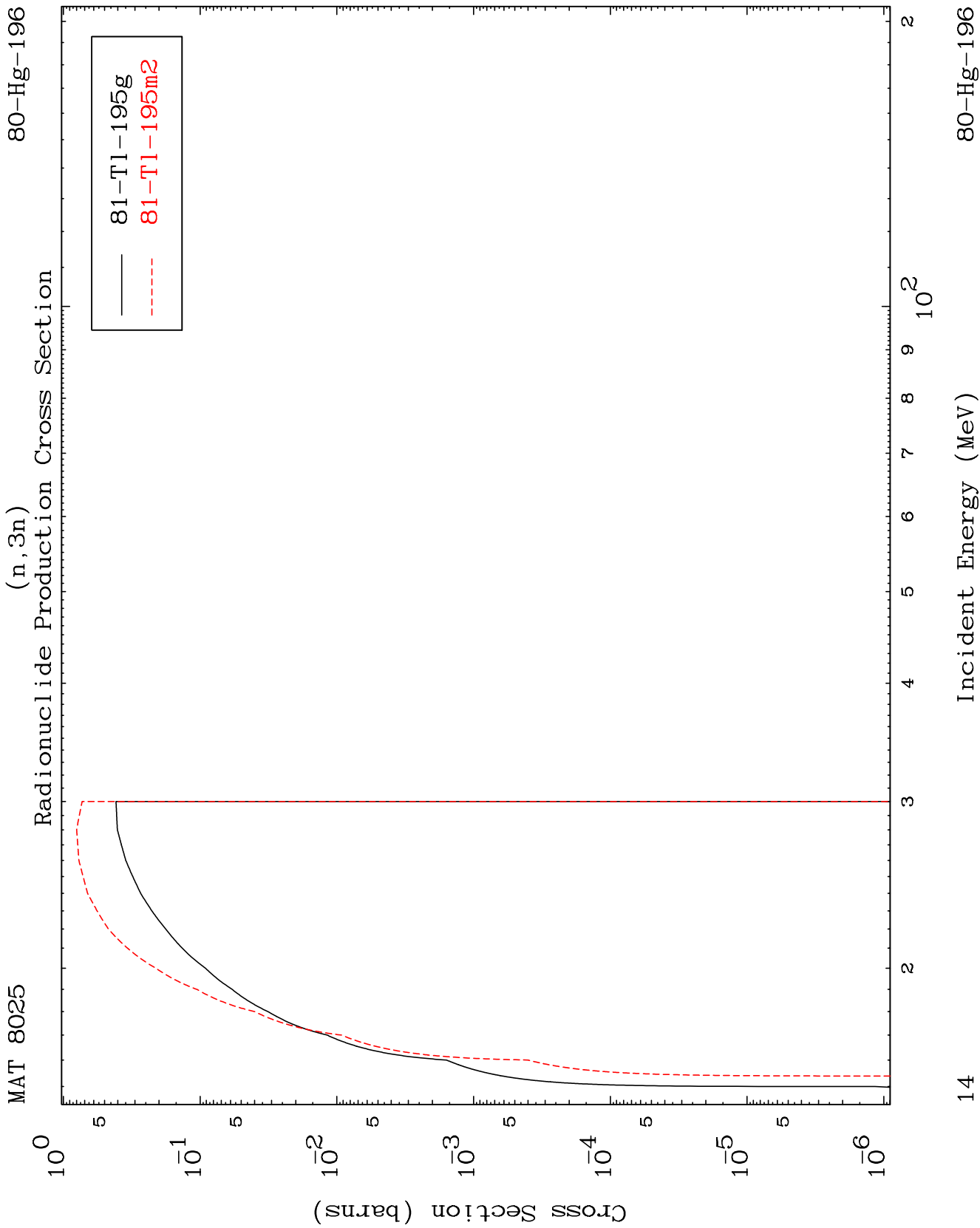
(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

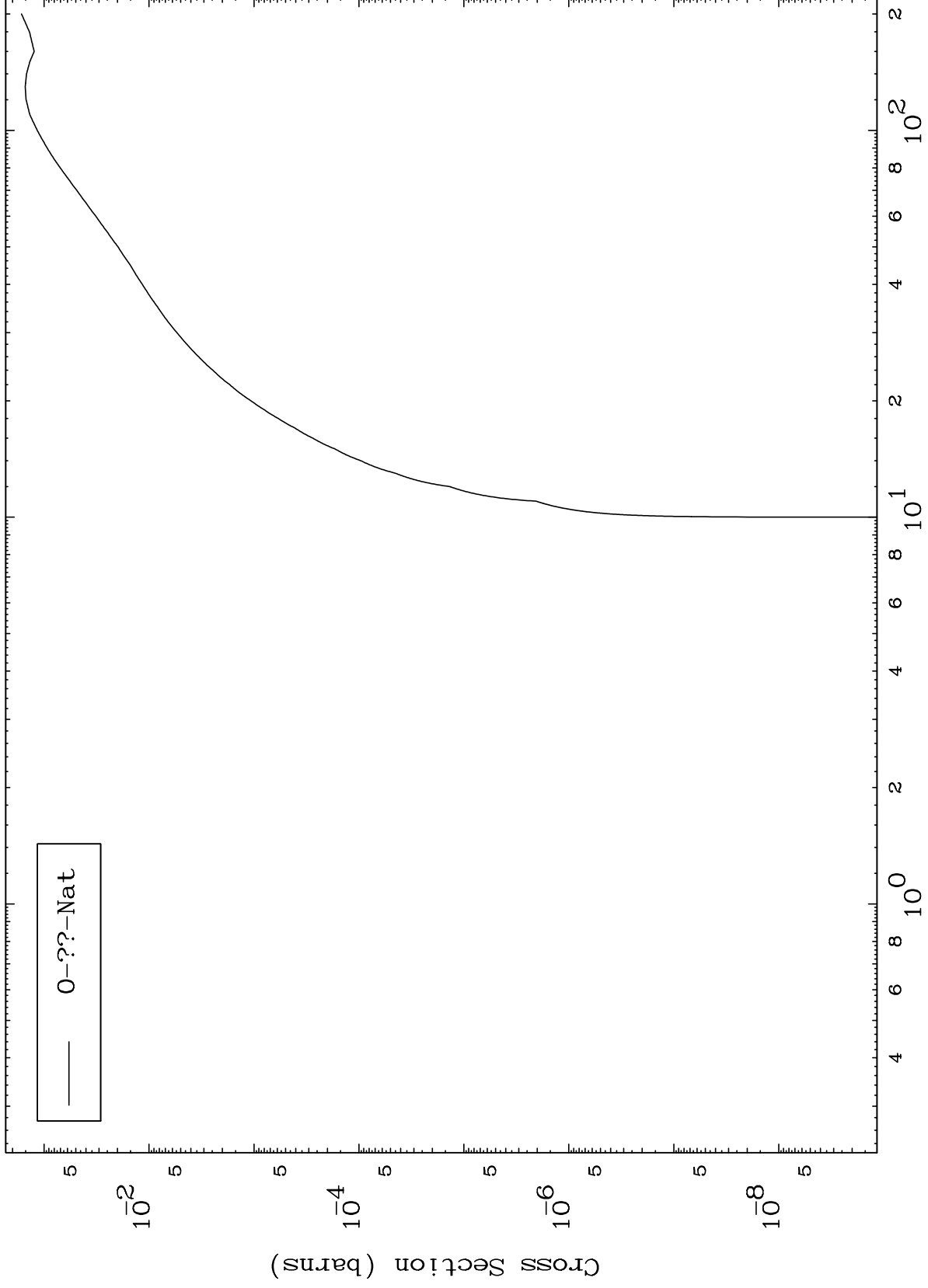
80-Hg-196



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Fission
Radionuclide Production Cross Section

80-Hg-196



15

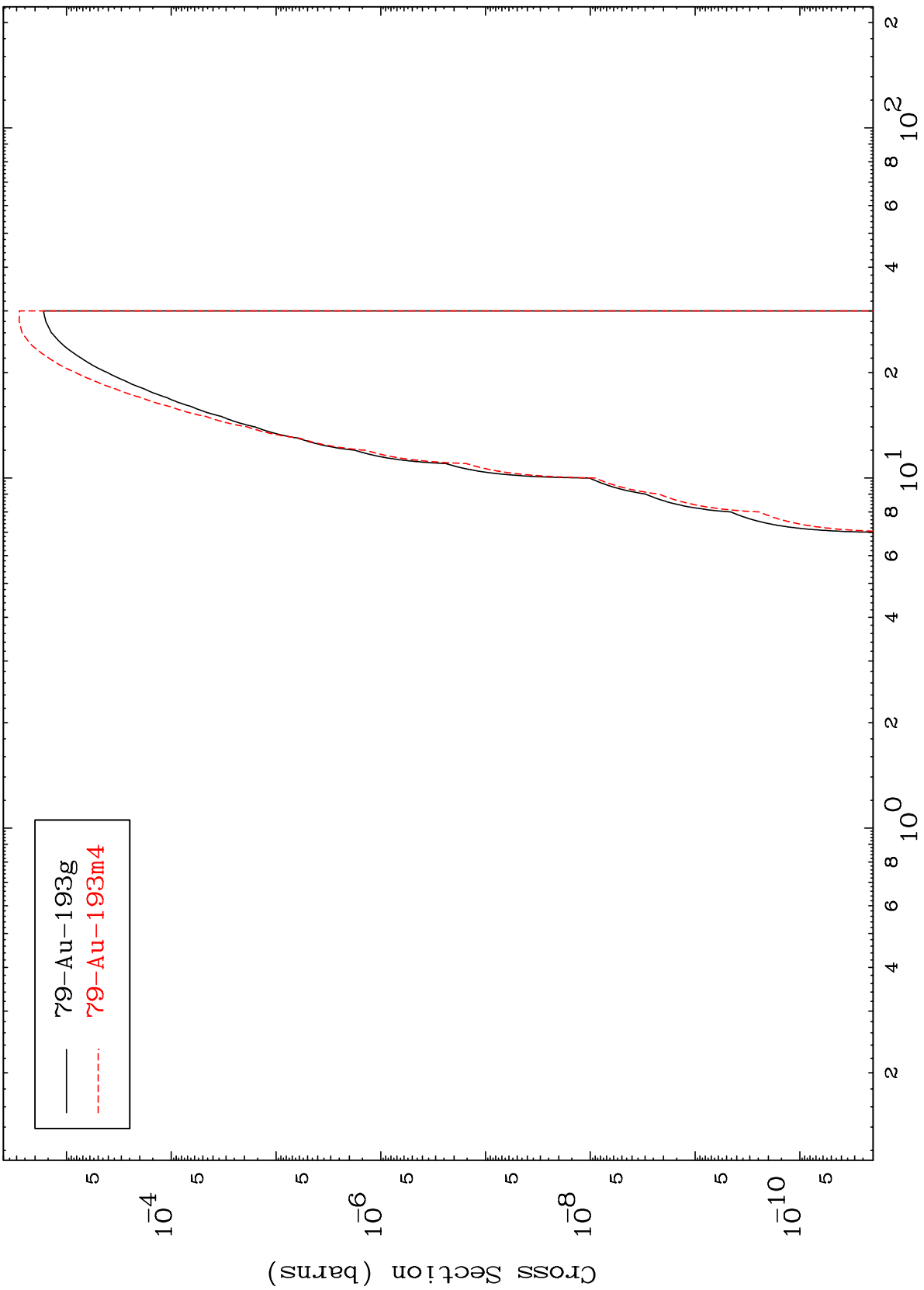
80-Hg-196

MAT 8025

$(n, n') \alpha$

80-Hg-196

Radionuclide Production Cross Section

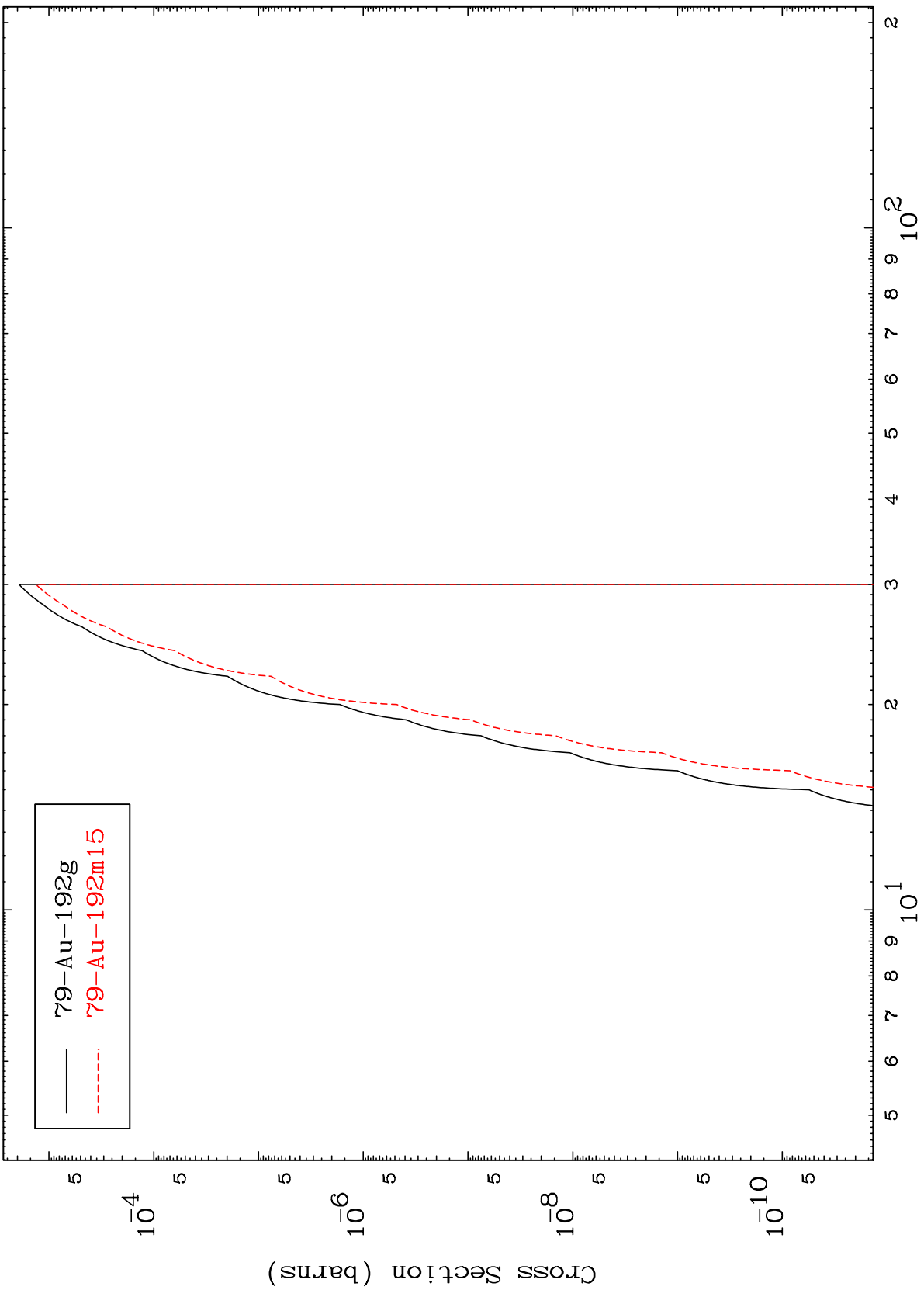


MAT 8025

$(n, 2n) \alpha$

80-Hg-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

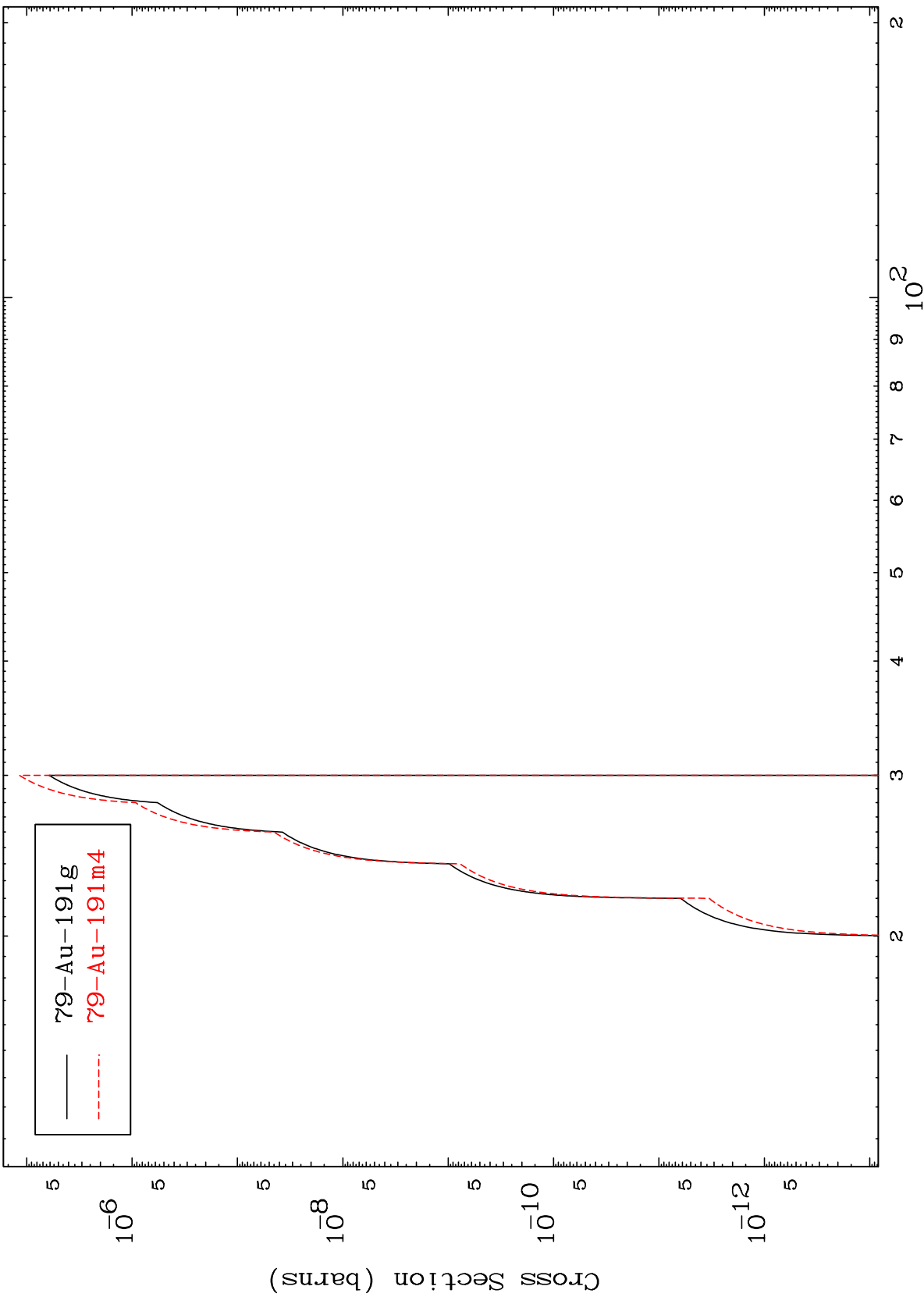
80-Hg-196

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(n,3n) α

80-Hg-196

Radionuclide Production Cross Section



18

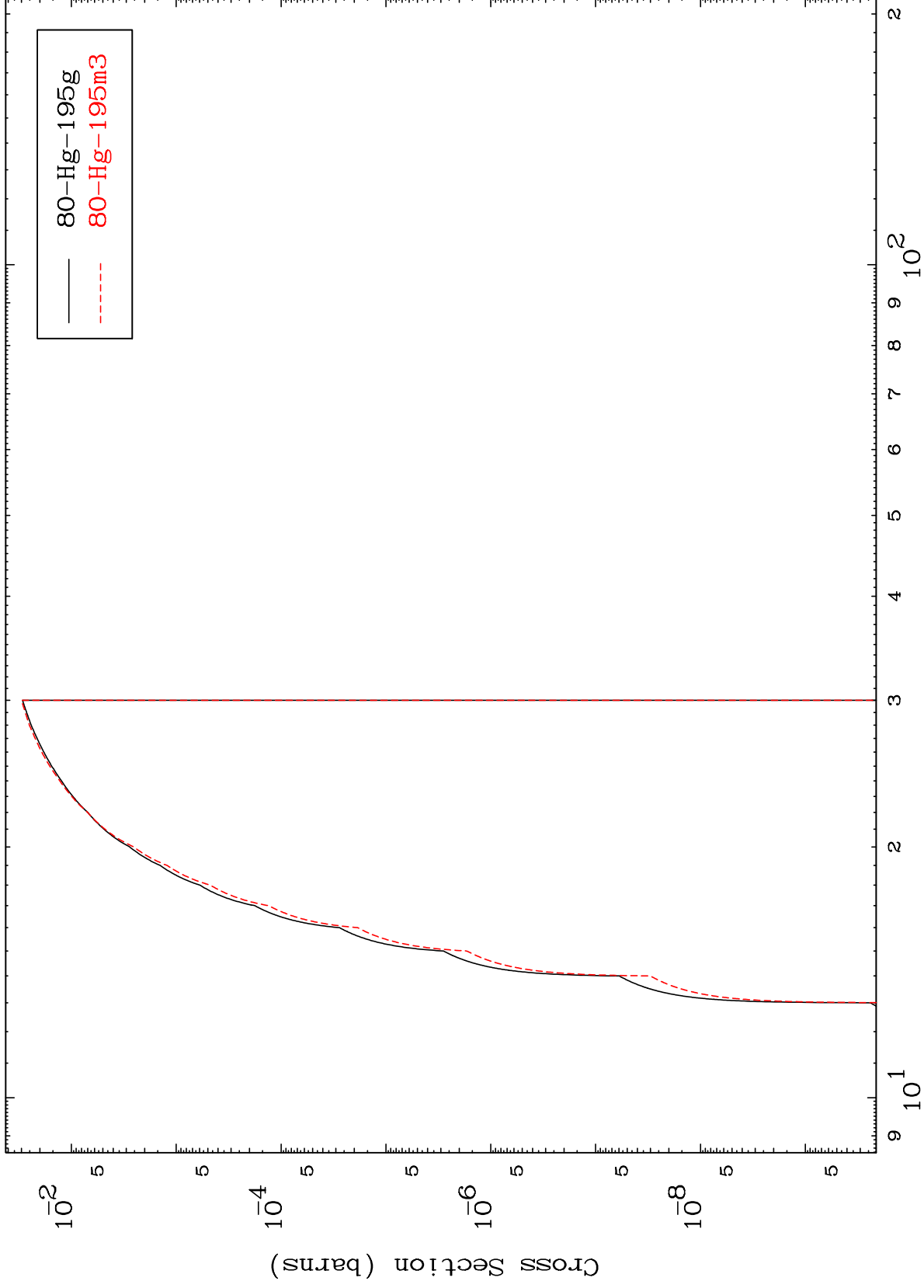
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(n,n') d
Radionuclide Production Cross Section



80-Hg-196

Incident Energy (MeV)

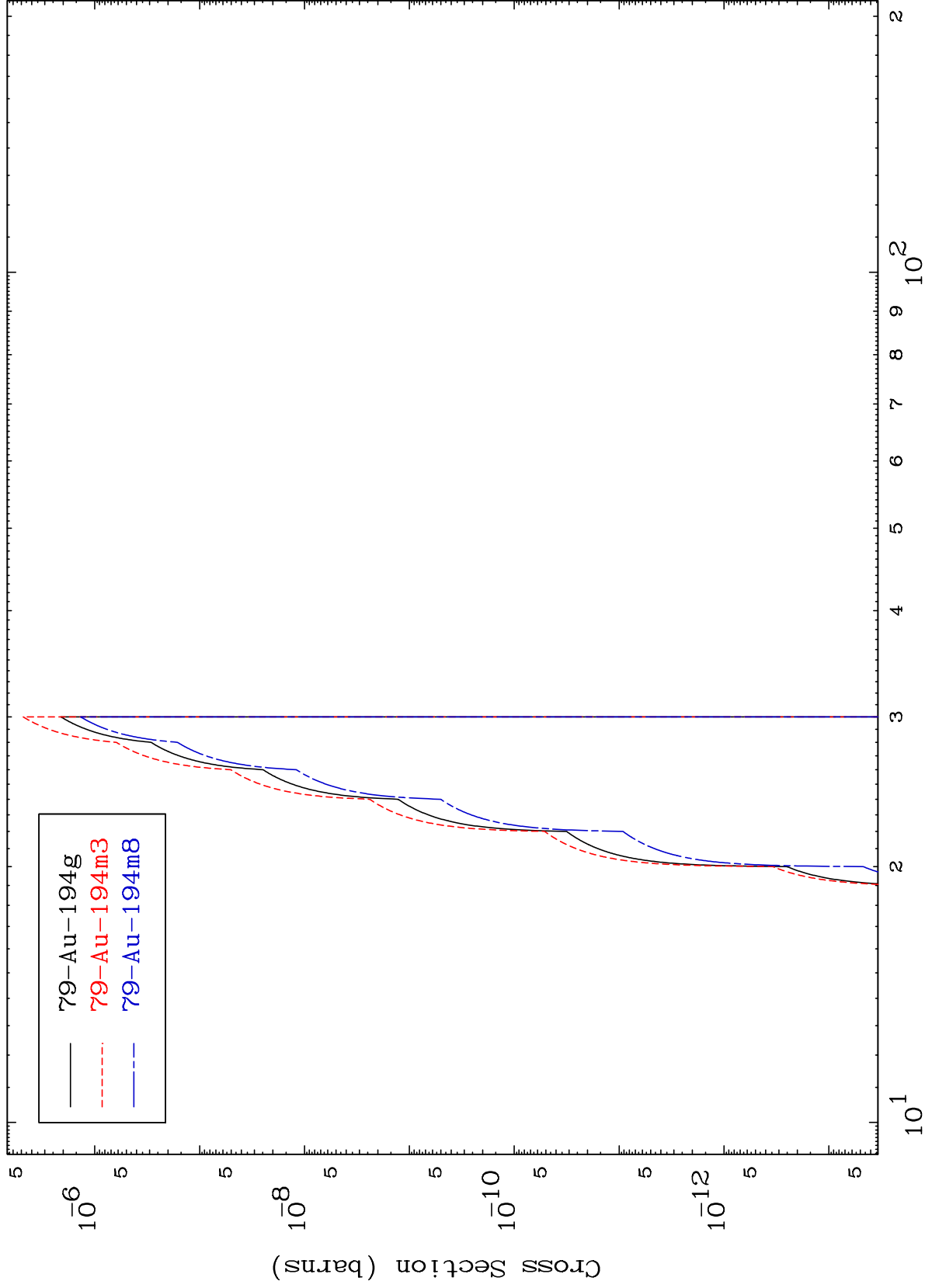
19

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(n,n') He-3

80-Hg-196

Radionuclide Production Cross Section

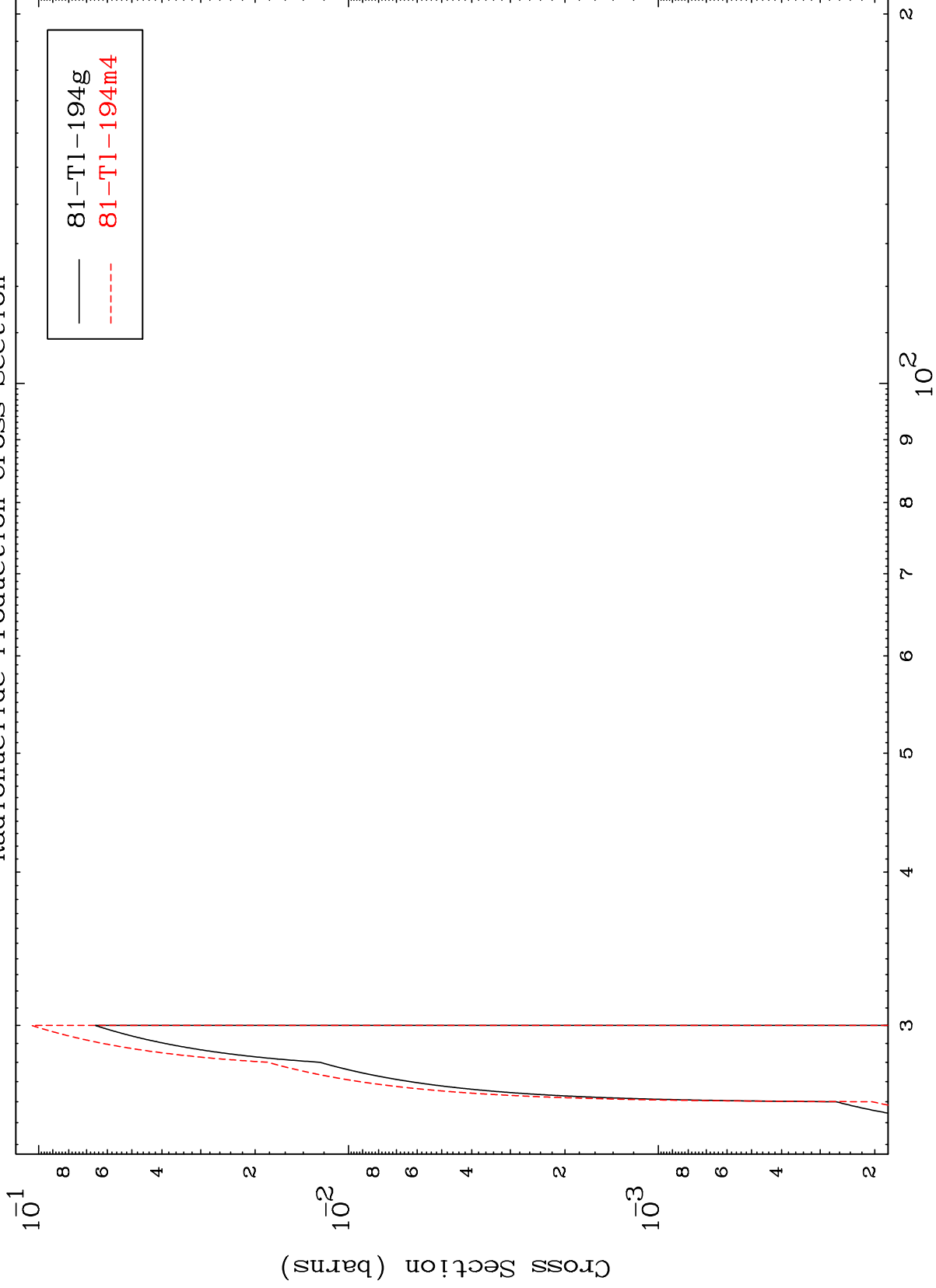


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(n,4n)

80-Hg-196

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m4

21

Incident Energy (MeV)

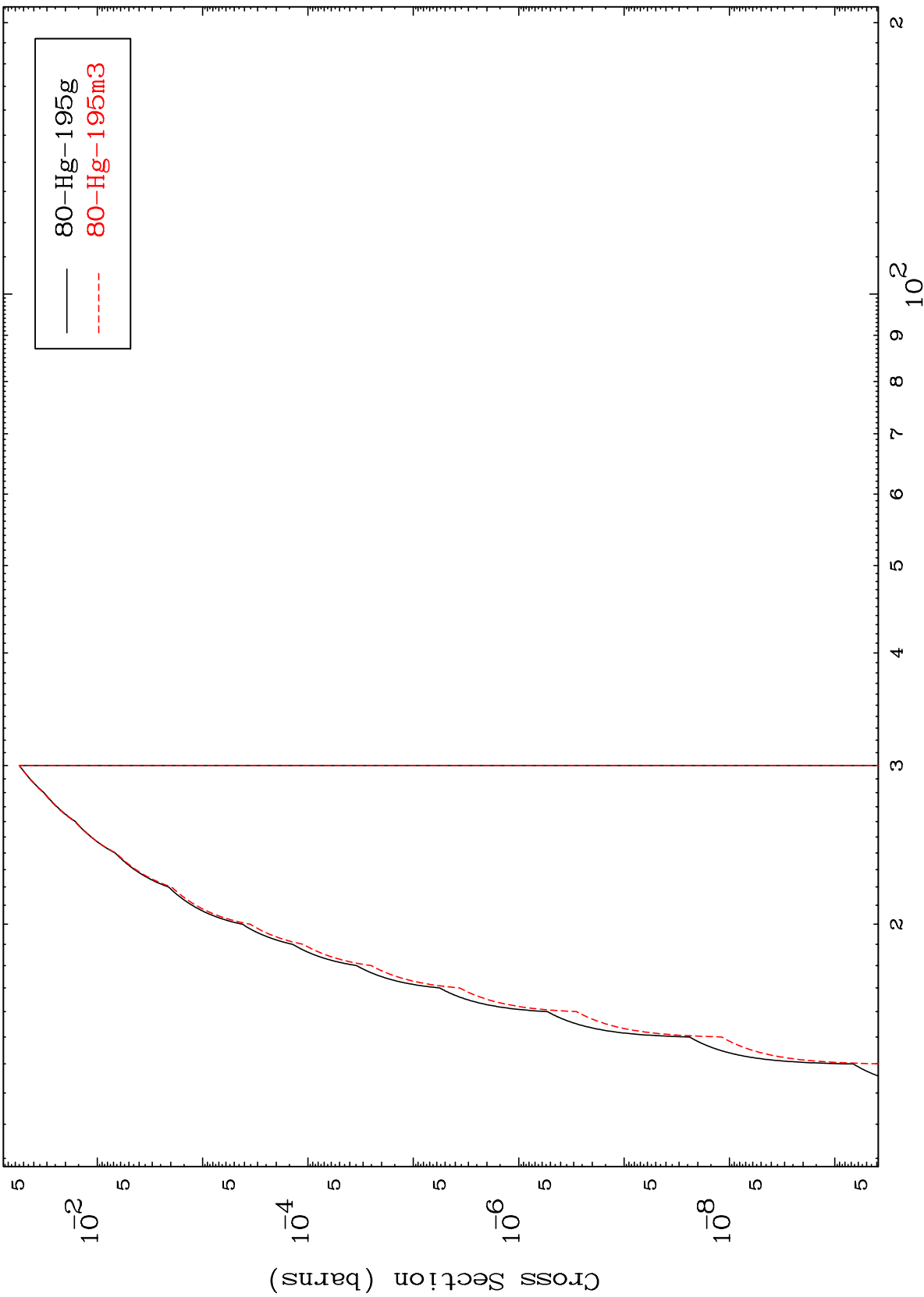
80-Hg-196

MAT 8025

(n,2n) p

80-Hg-196

Radionuclide Production Cross Section



80-Hg-195g
80-Hg-195m3

Incident Energy (MeV)

80-Hg-196

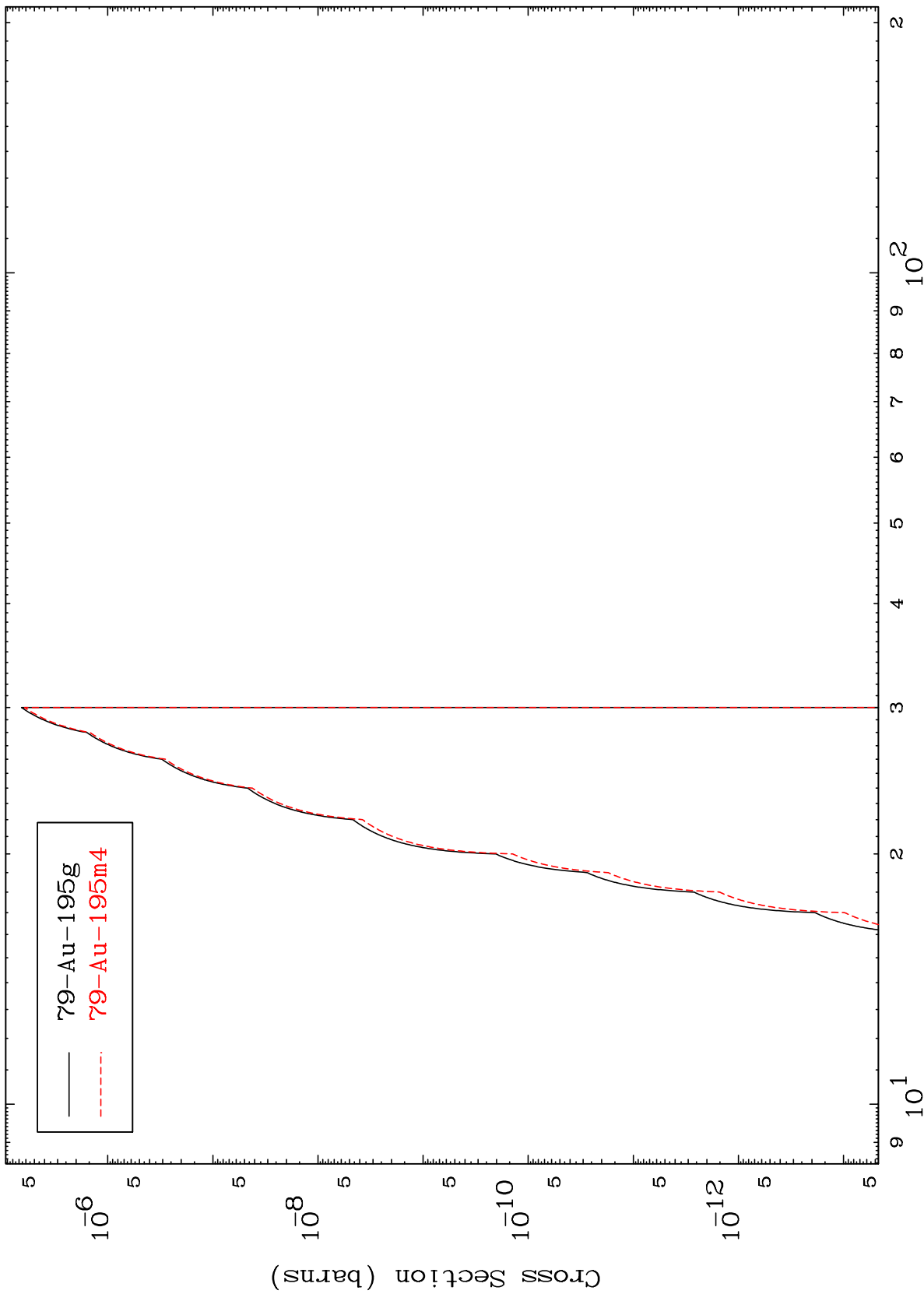
22

MAT 8025

(n,2n) p

80-Hg-196

Radionuclide Production Cross Section



23

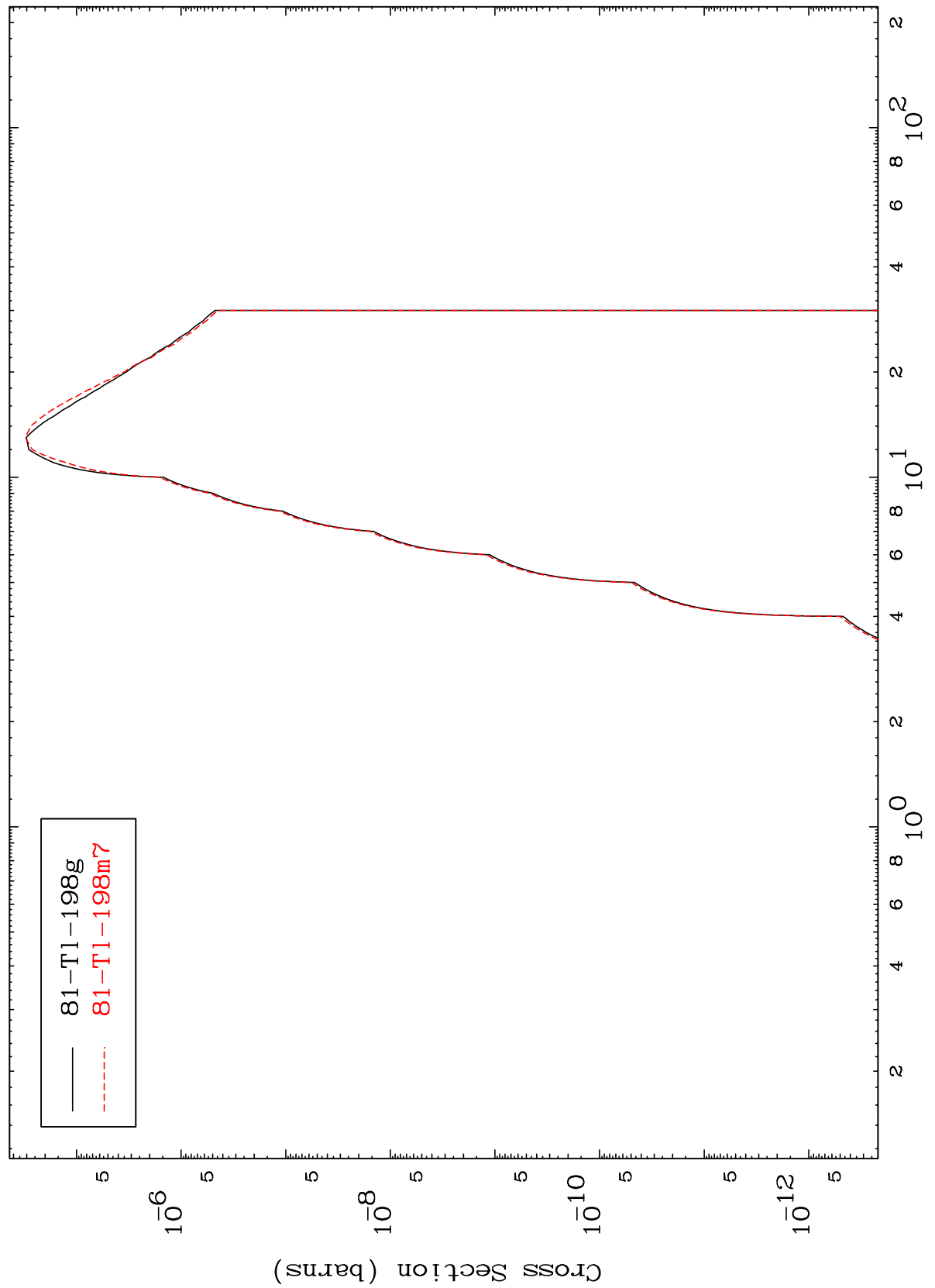
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

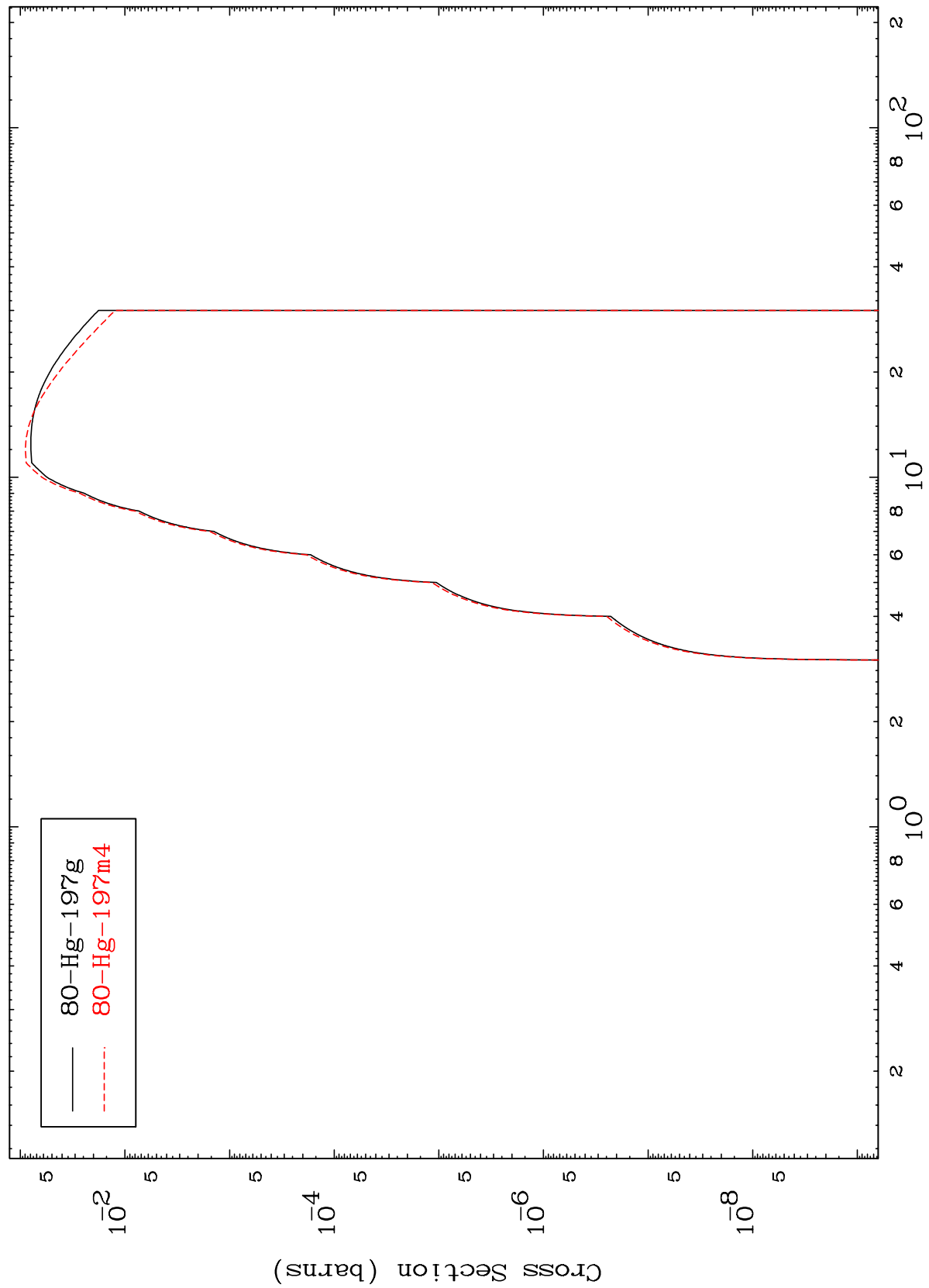
Radionuclide Production Cross Section
(n, γ)



MAT 8025

80-Hg-196

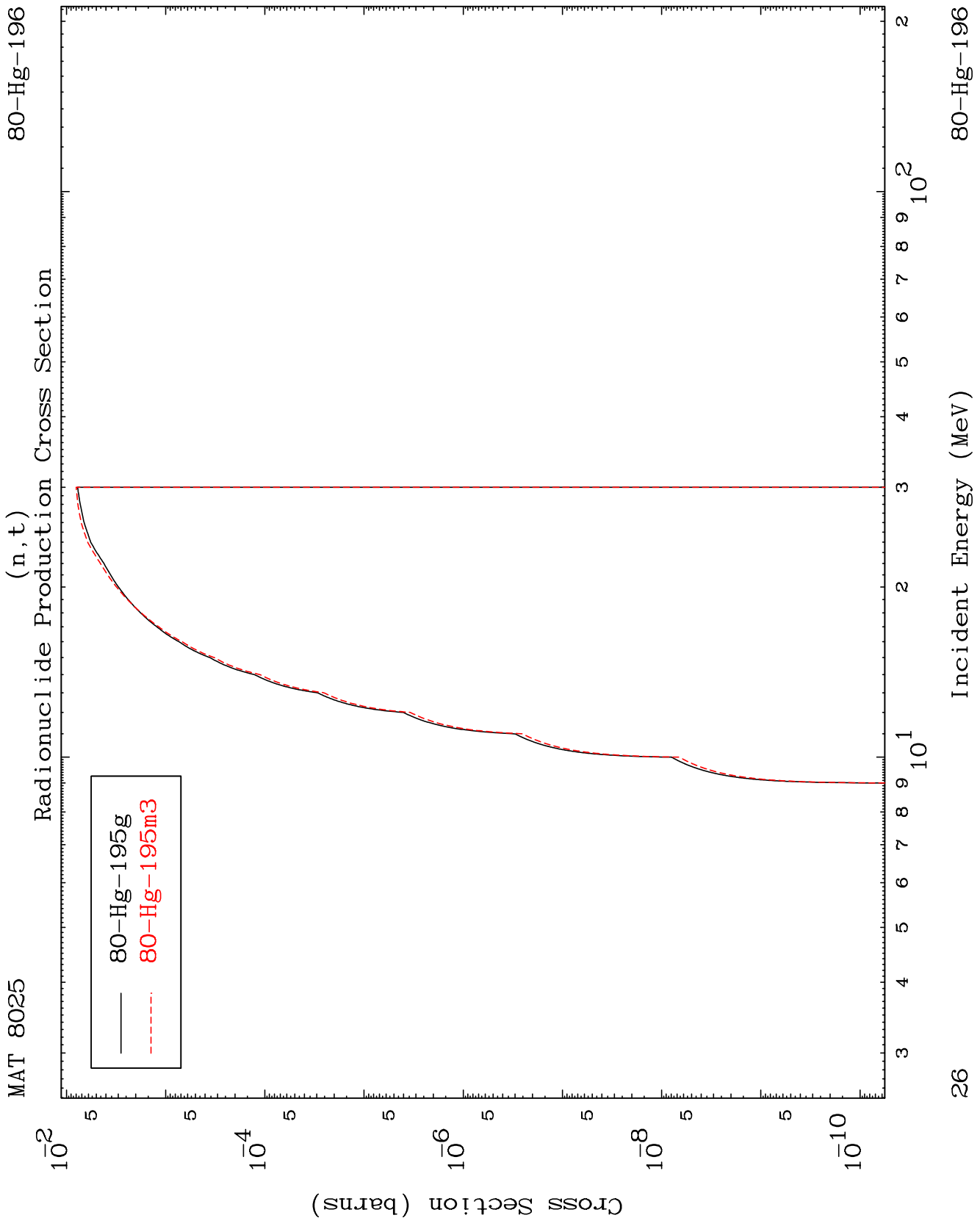
(n,p)
Radionuclide Production Cross Section



25

80-Hg-196

Incident Energy (MeV)

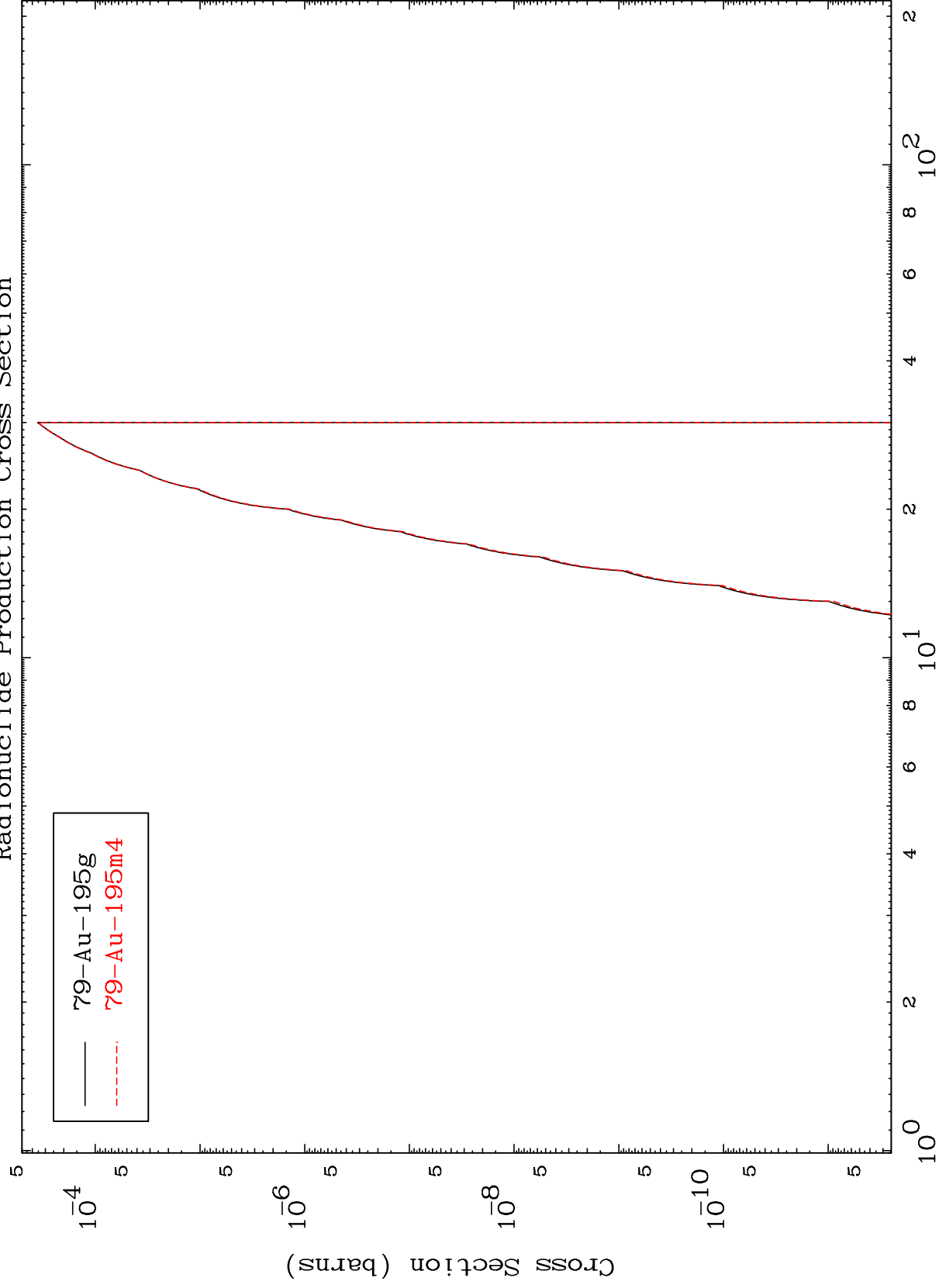


MAT 8025

(n,He-3)

80-Hg-196

Radionuclide Production Cross Section



Incident Energy (MeV)

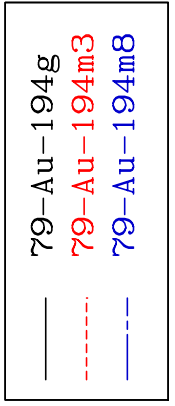
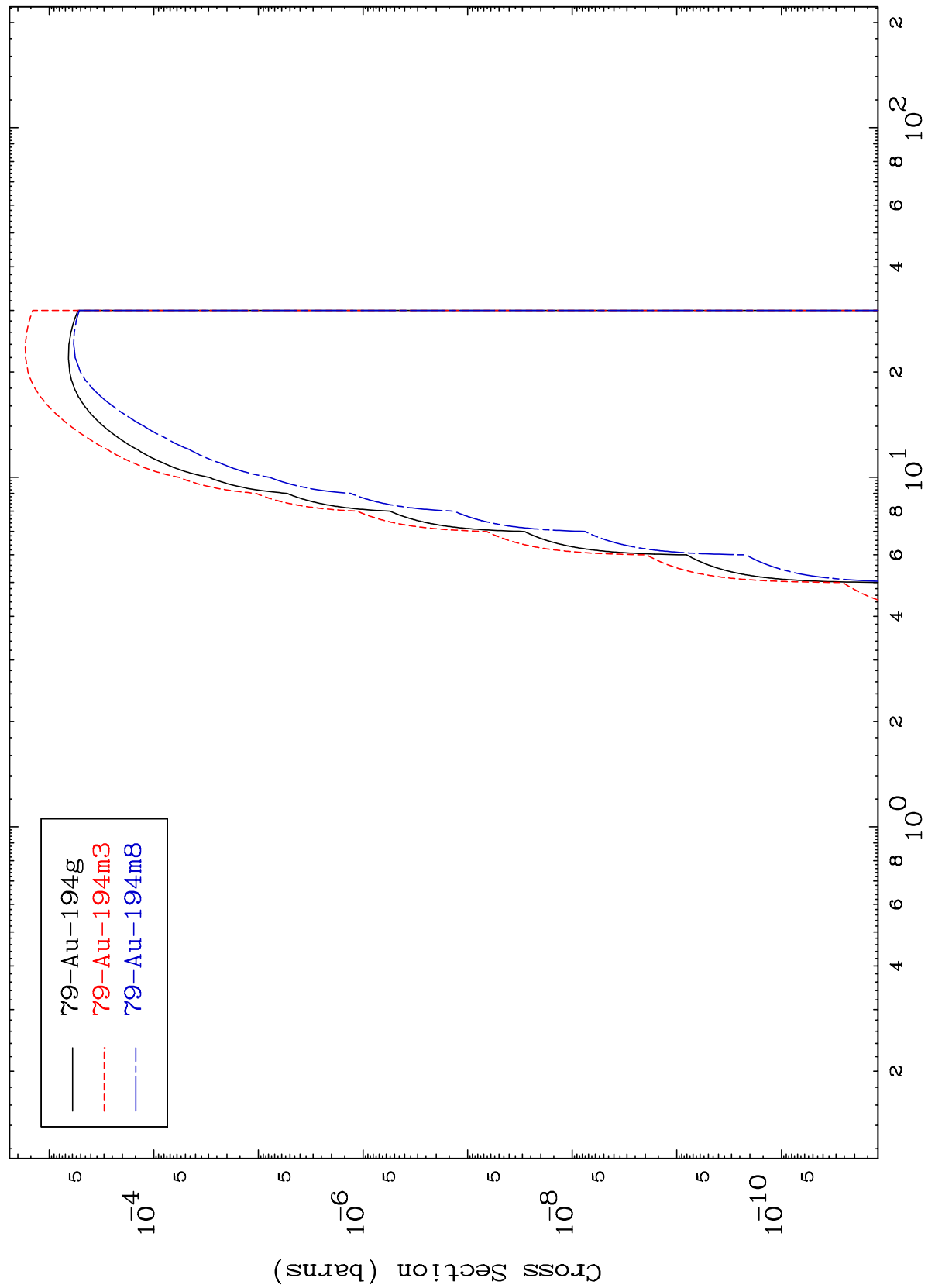
80-Hg-196

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80-Hg-196

Radionuclide Production Cross Section
(n, α)



80-Hg-196

Incident Energy (MeV)

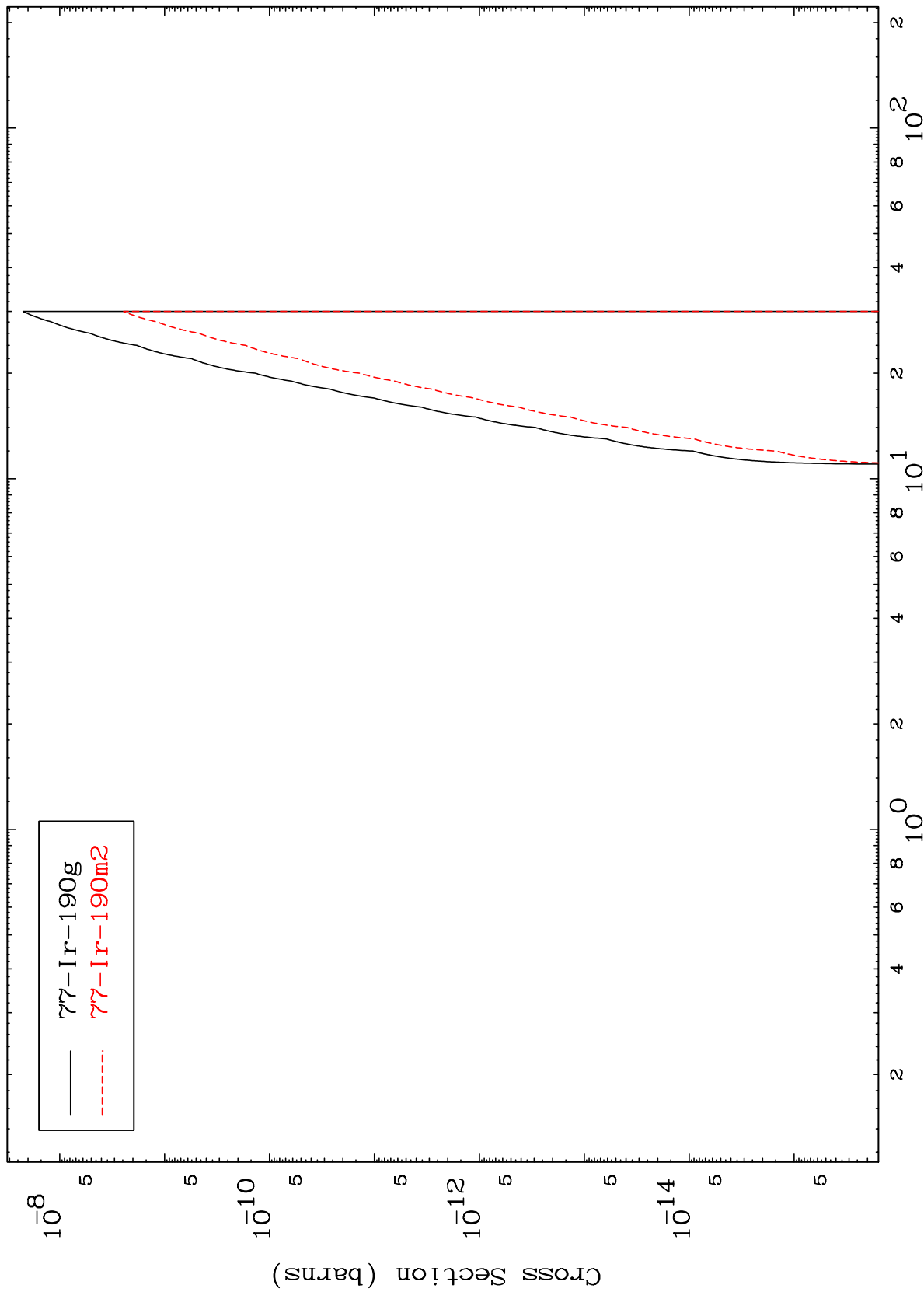
28

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80-Hg-196

(n,2α)

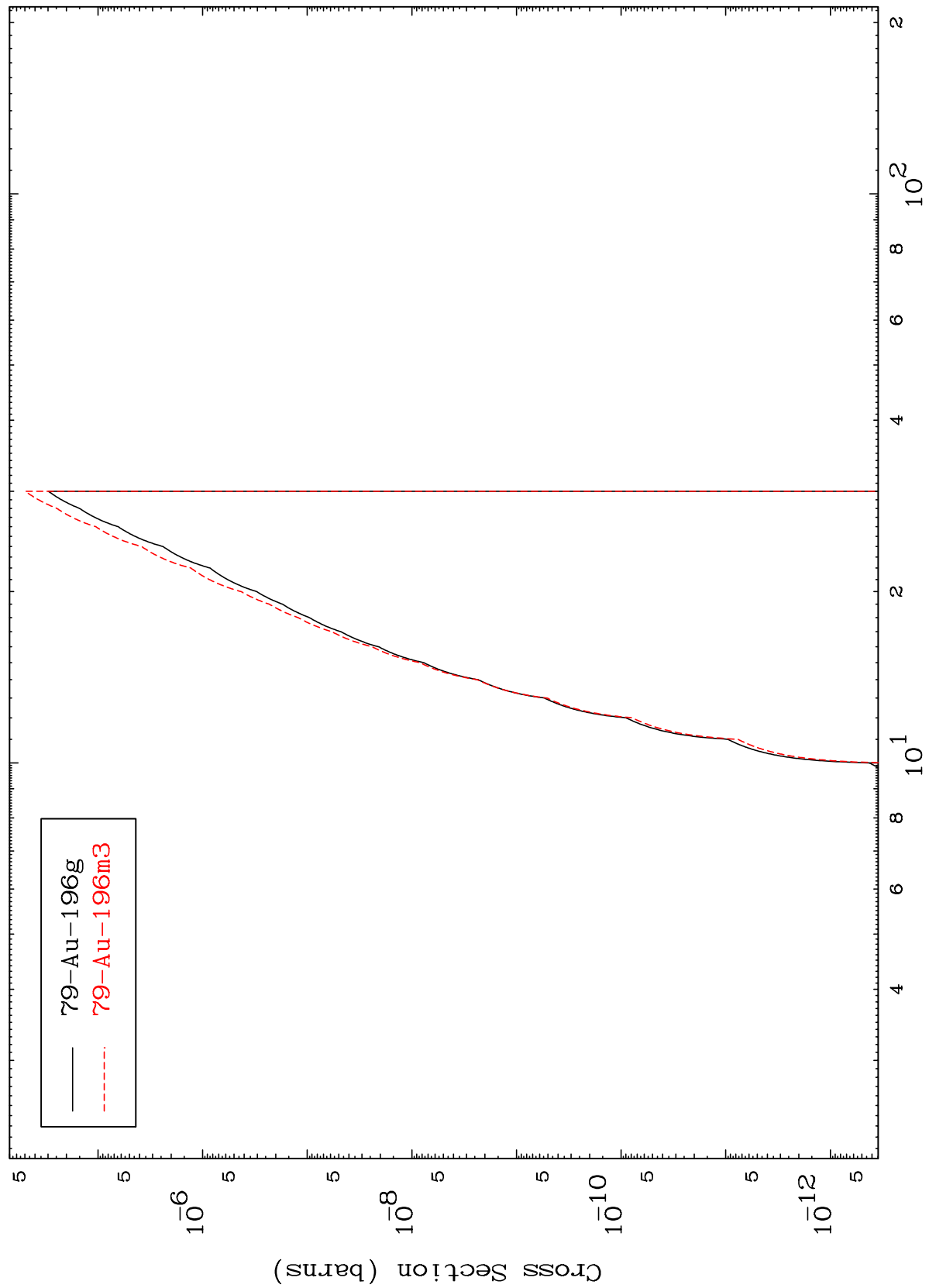
Radionuclide Production Cross Section



MAT 8025

80-Hg-196

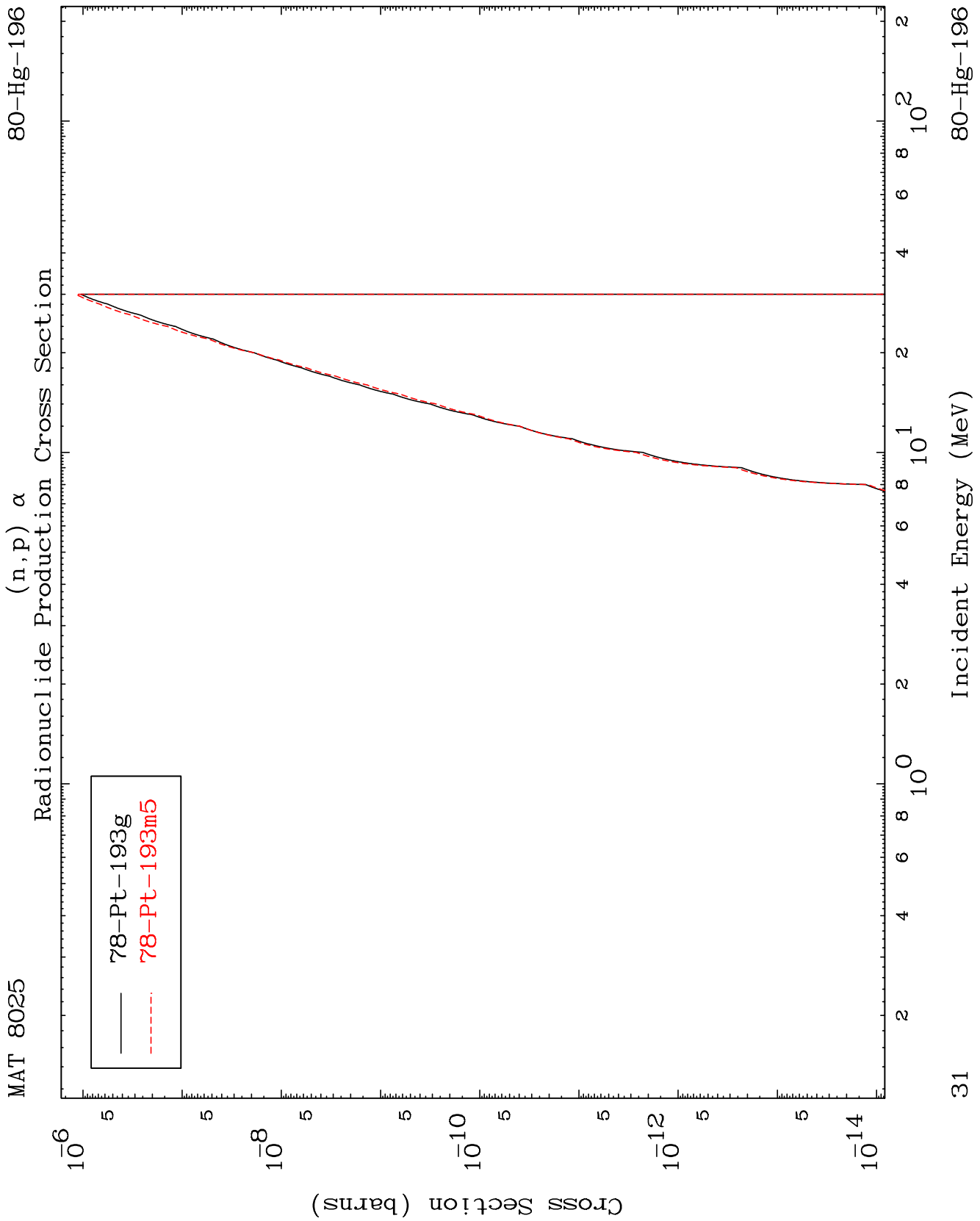
(n,2p)
Radionuclide Production Cross Section

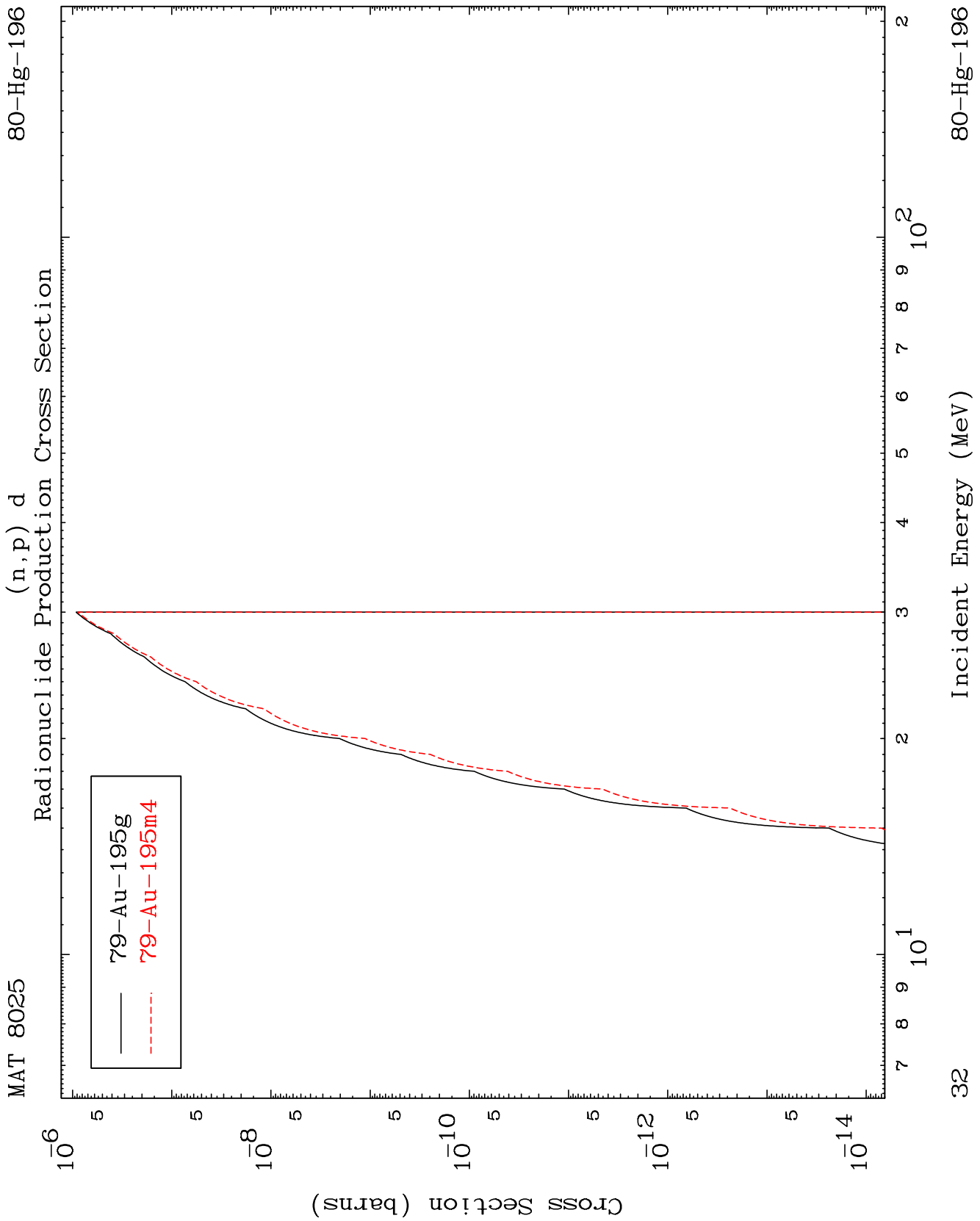


30

80-Hg-196

Incident Energy (MeV)



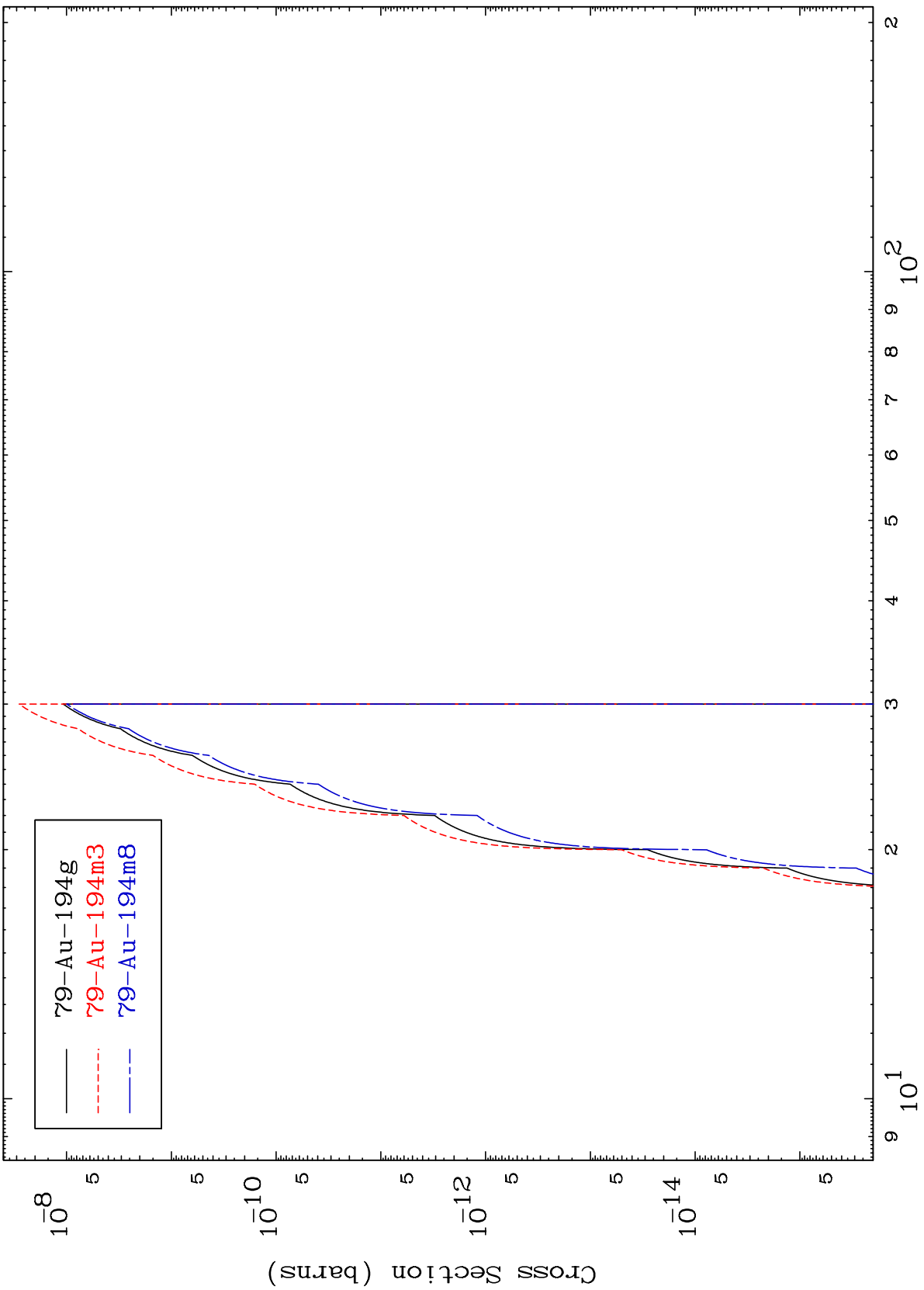


MAT 8025

(n,p) t

80-Hg-196

Radionuclide Production Cross Section



33

Incident Energy (MeV)

80-Hg-196