

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

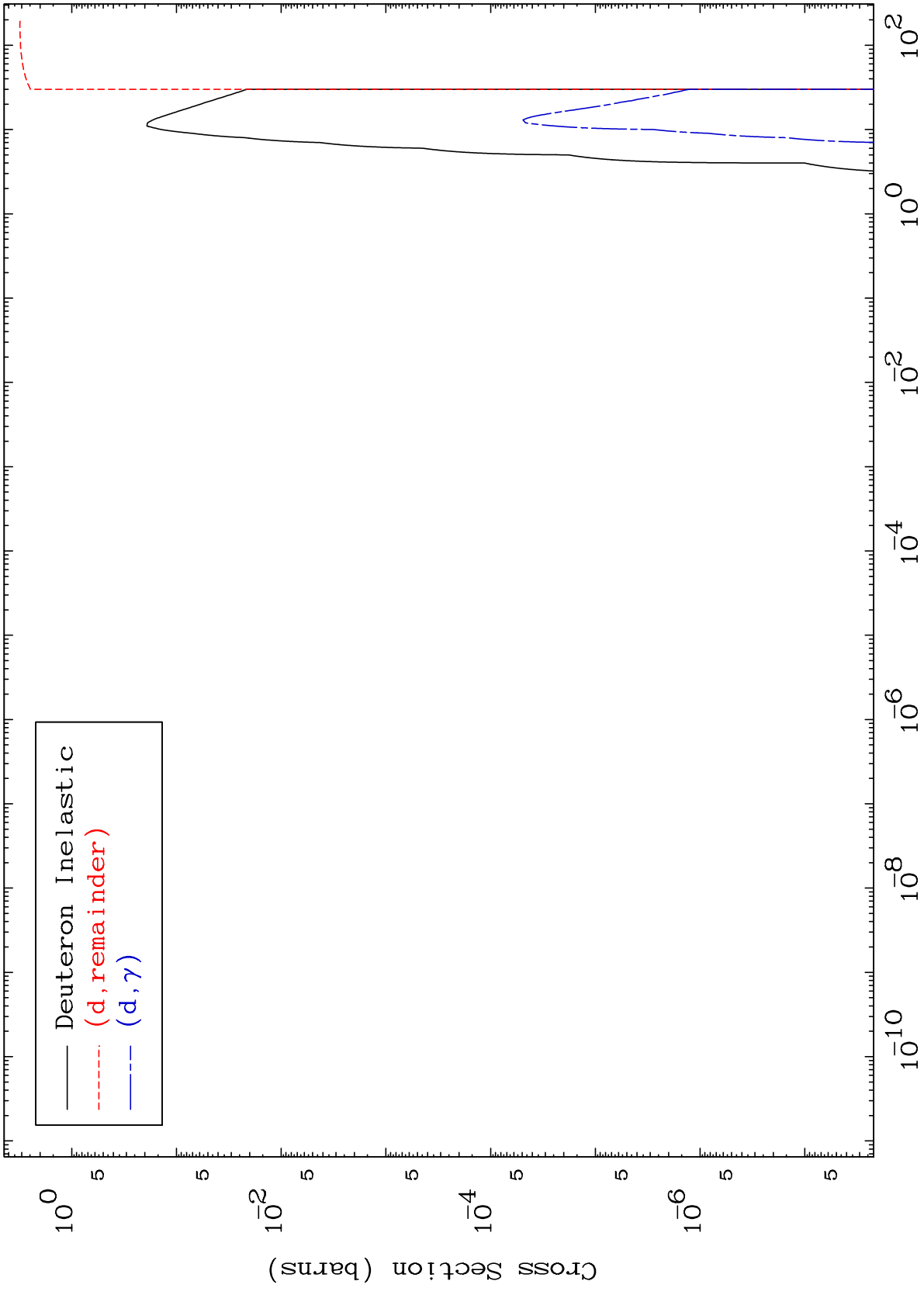
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

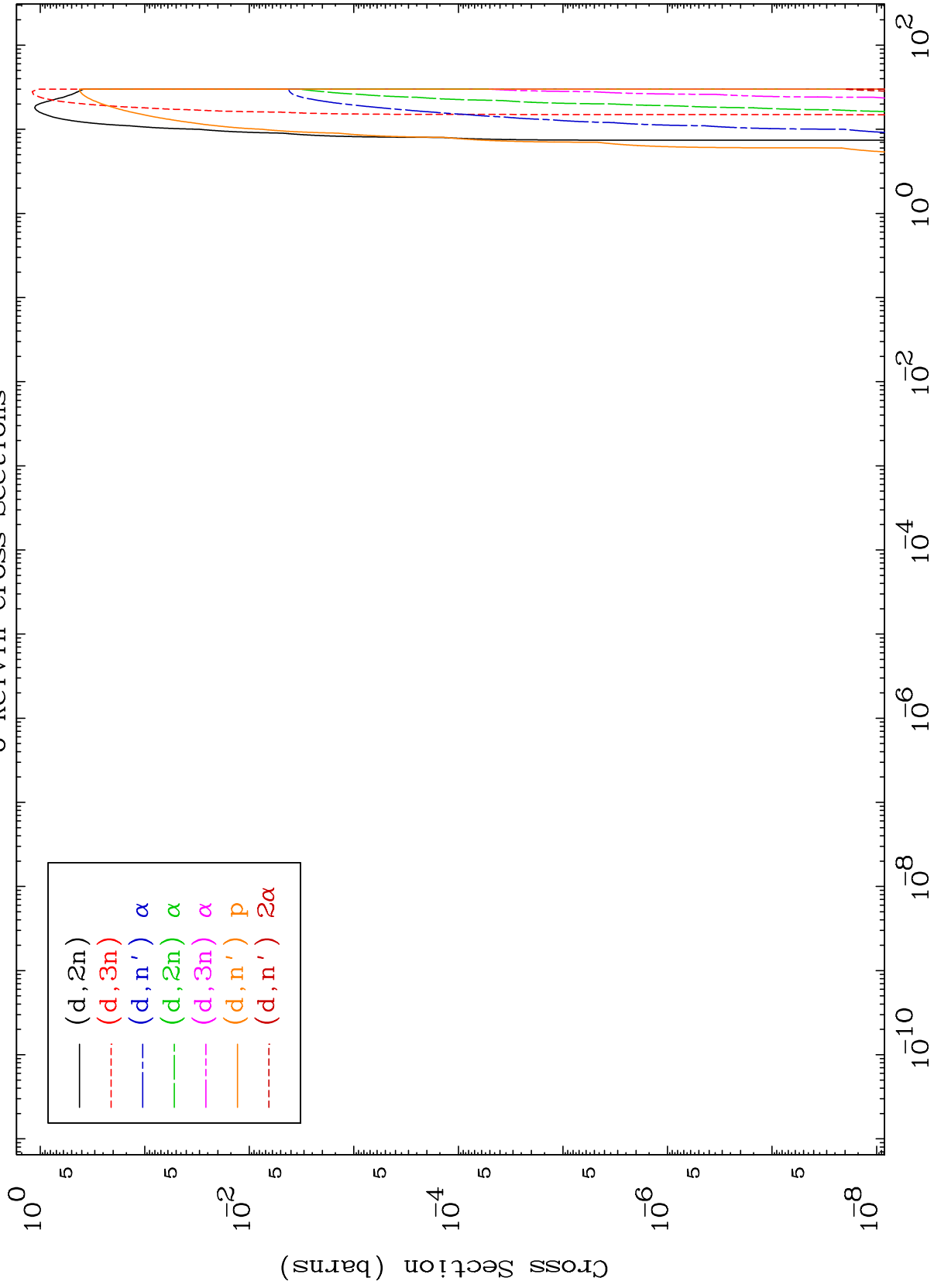
Press Mouse Button to Start



MAT 8025

Deuteron Neutron Production  
0 Kelvin Cross Sections

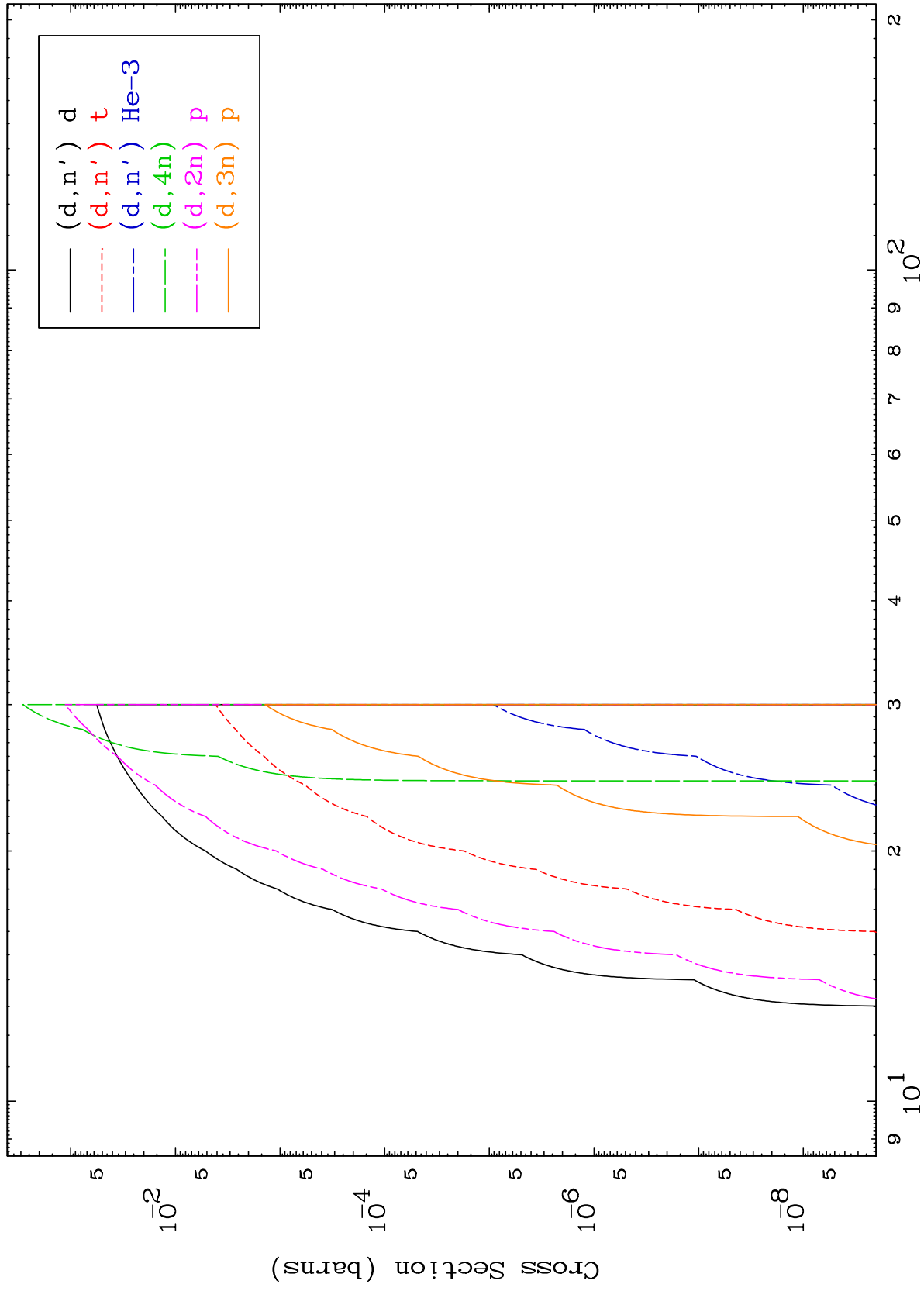
80-Hg-196



2

Incident Energy (MeV)

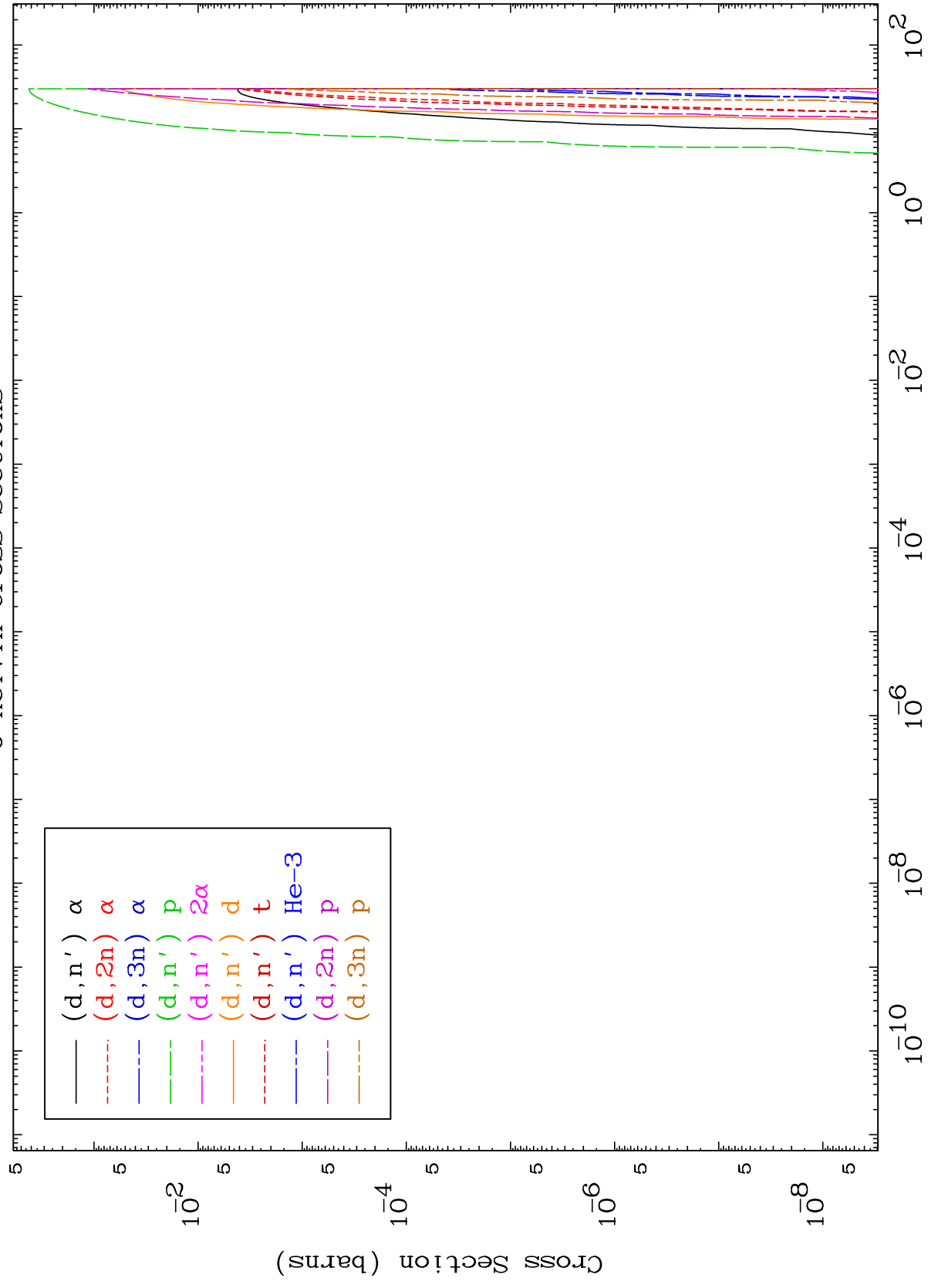
80-Hg-196



MAT 8025

Deuteron Charged Particle  
0 Kelvin Cross Sections

80-Hg-196



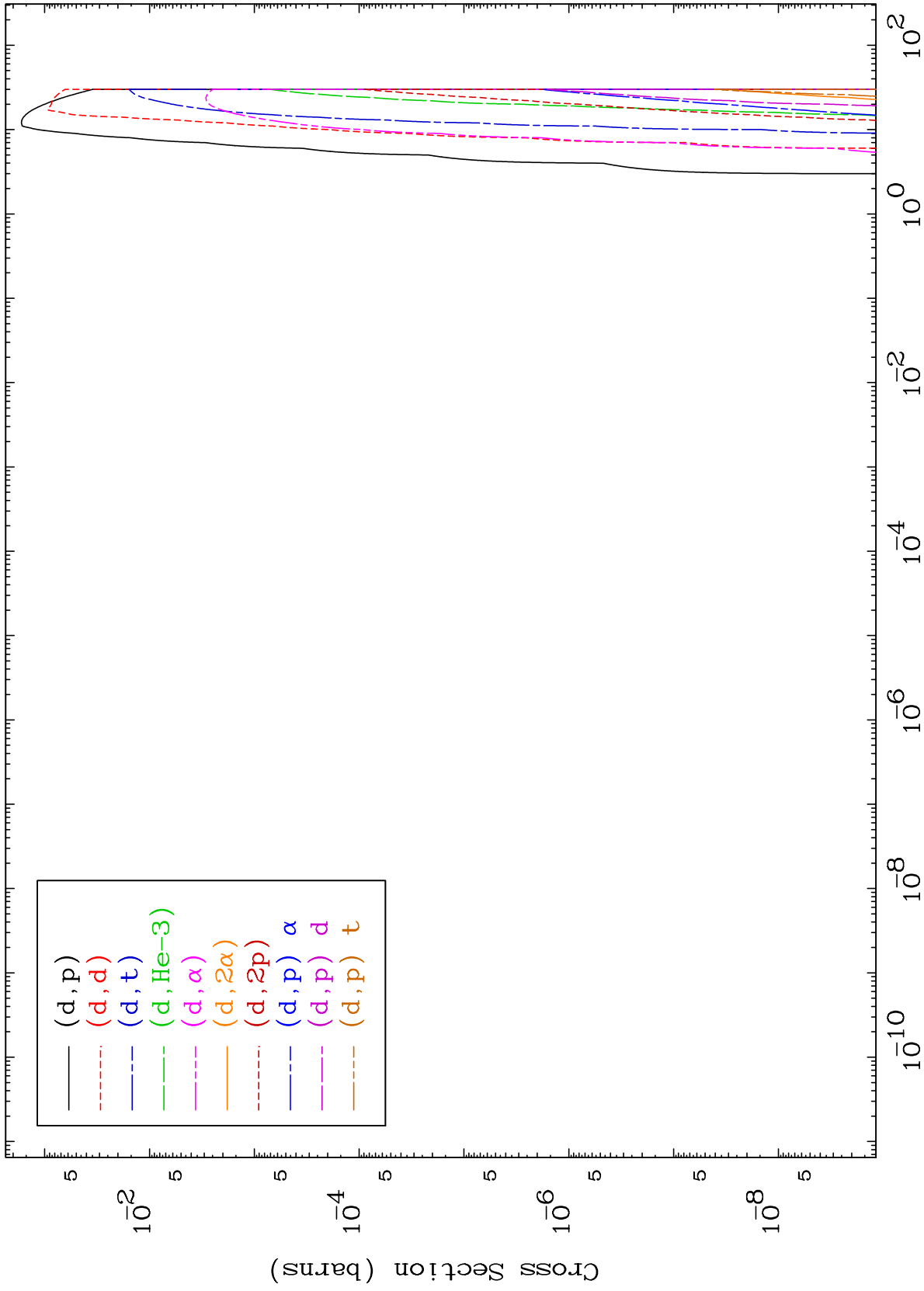
80-Hg-196

Incident Energy (MeV)

MAT 8025

Deuteron Charged Particle  
0 Kelvin Cross Sections

80-Hg-196



5

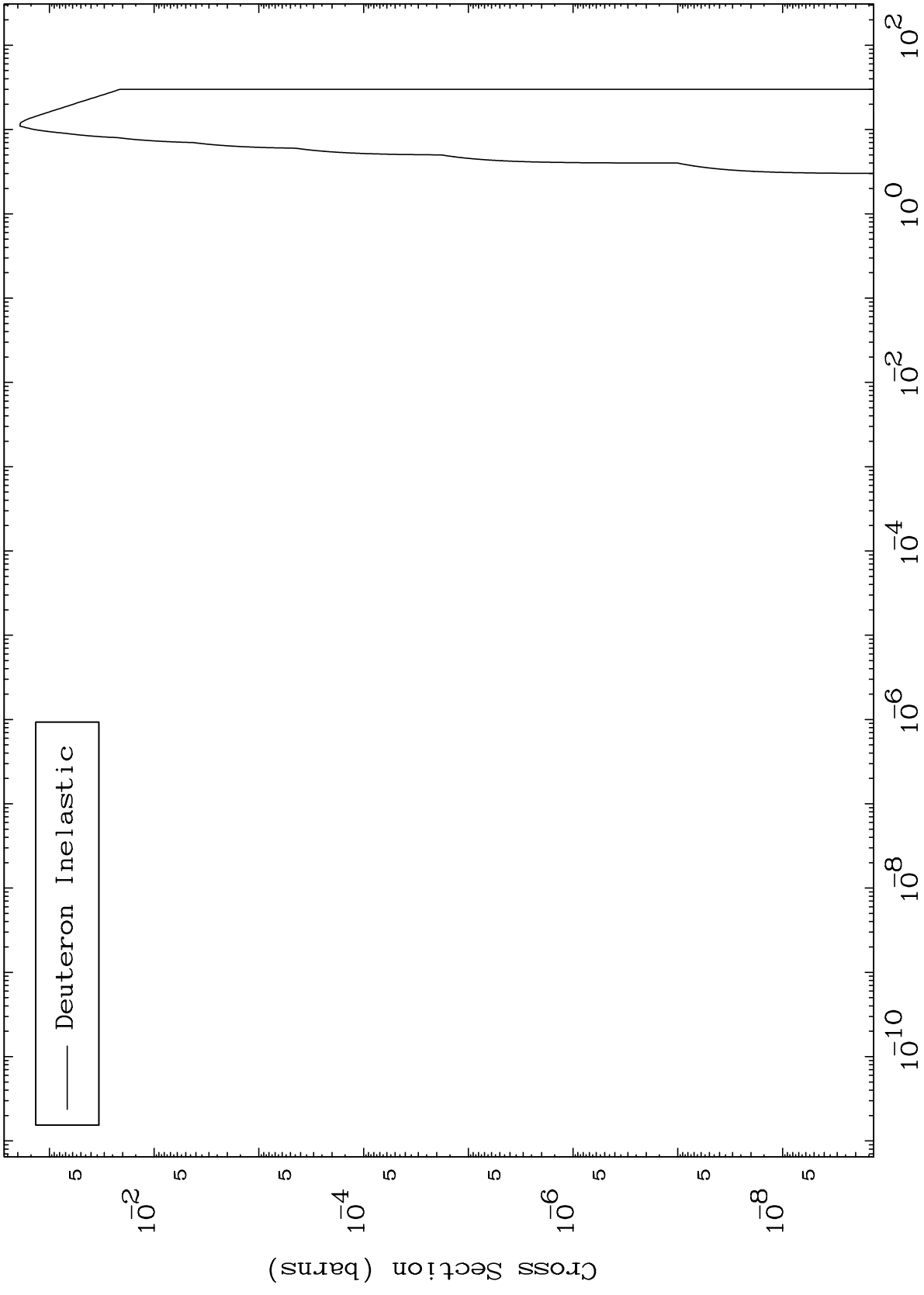
Incident Energy (MeV)

80-Hg-196

MAT 8025

(d,n') Level  
0 Kelvin Cross Sections

80-Hg-196

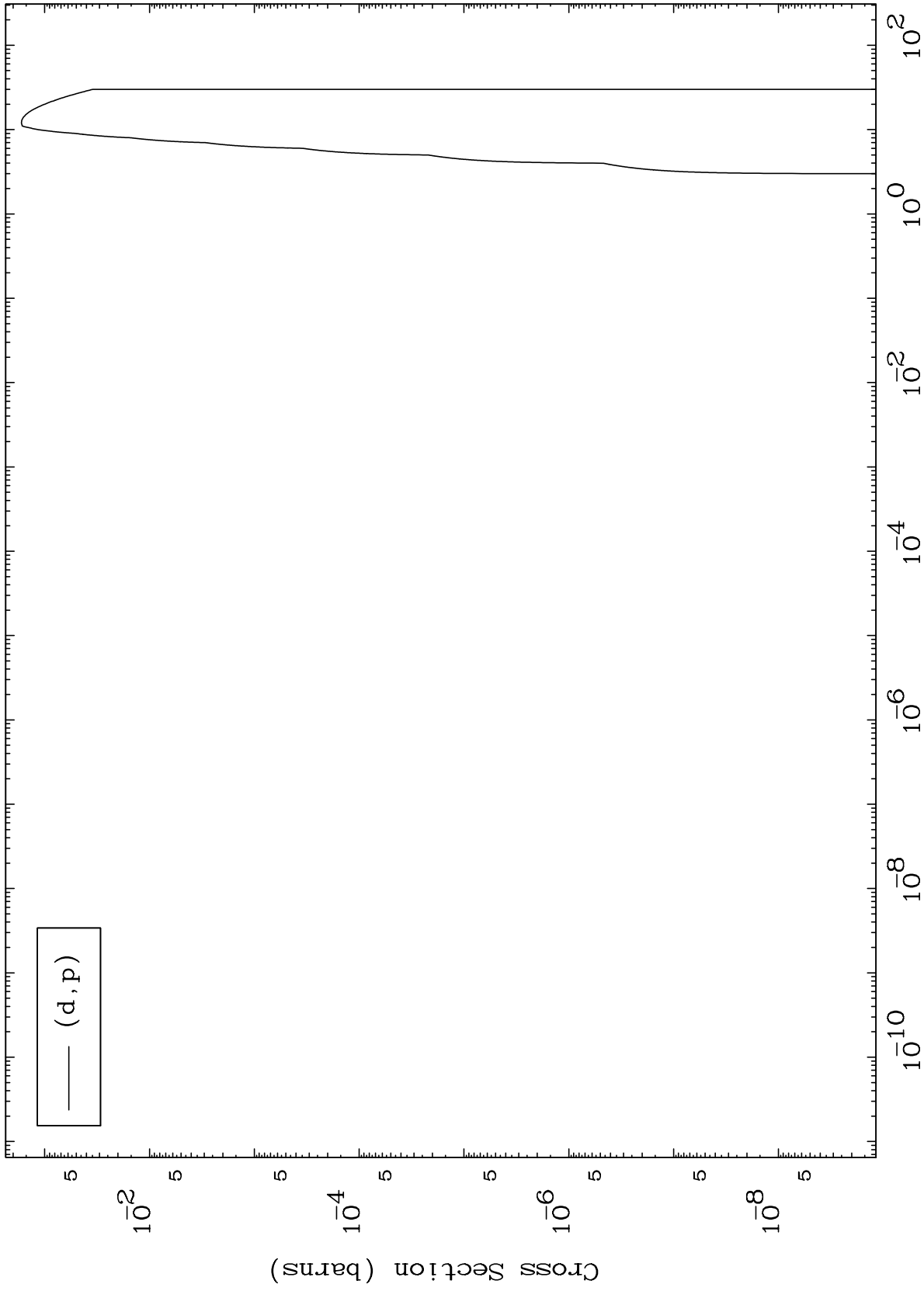


80-Hg-196

MAT 8025

(d,p) Levels  
0 Kelvin Cross Sections

80-Hg-196



7

Incident Energy (MeV)

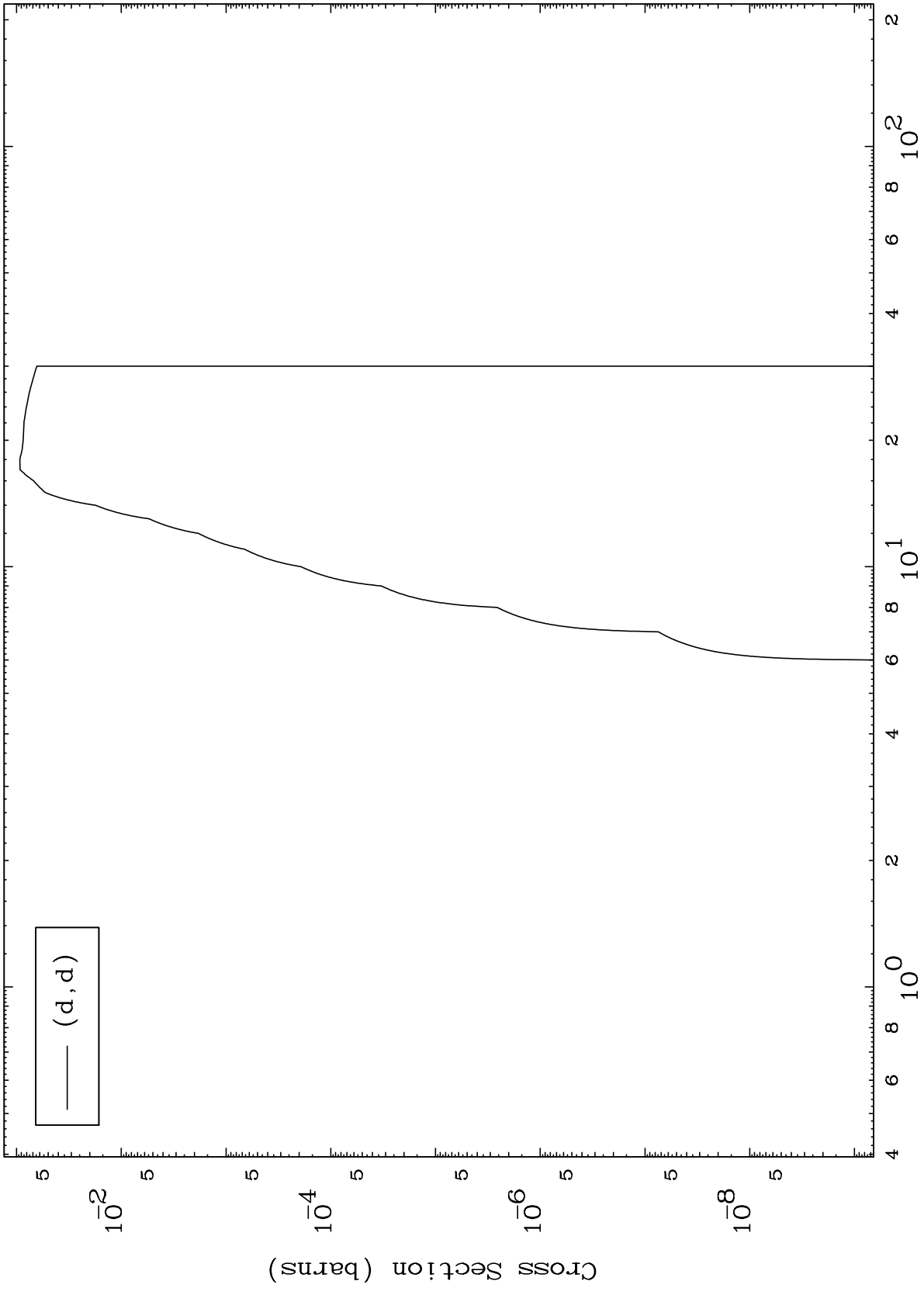
80-Hg-196



MAT 8025

(d,d) Levels  
0 Kelvin Cross Sections

80-Hg-196



8

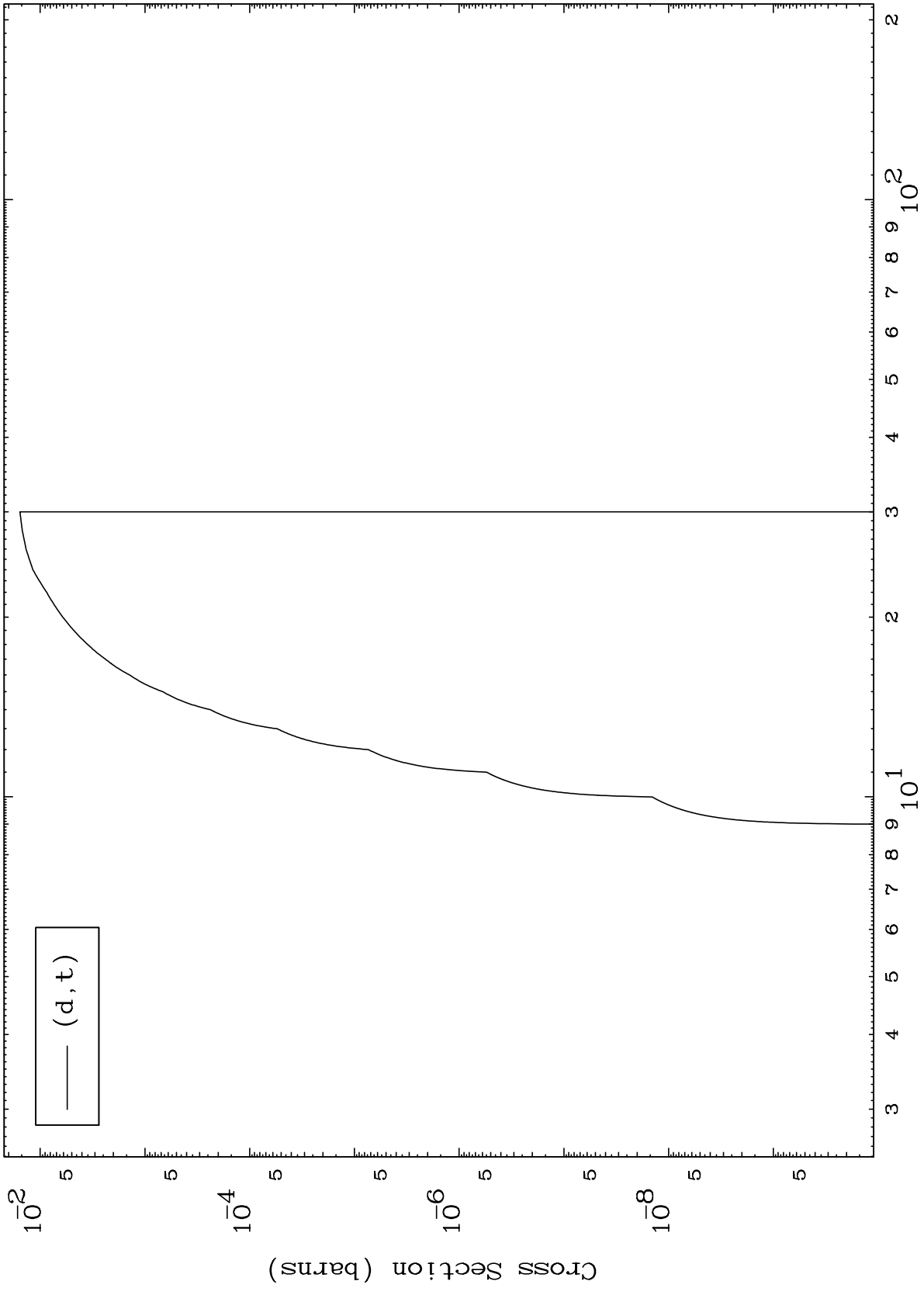
Incident Energy (MeV)

80-Hg-196

MAT 8025

(d,t) Levels  
0 Kelvin Cross Sections

80-Hg-196



9

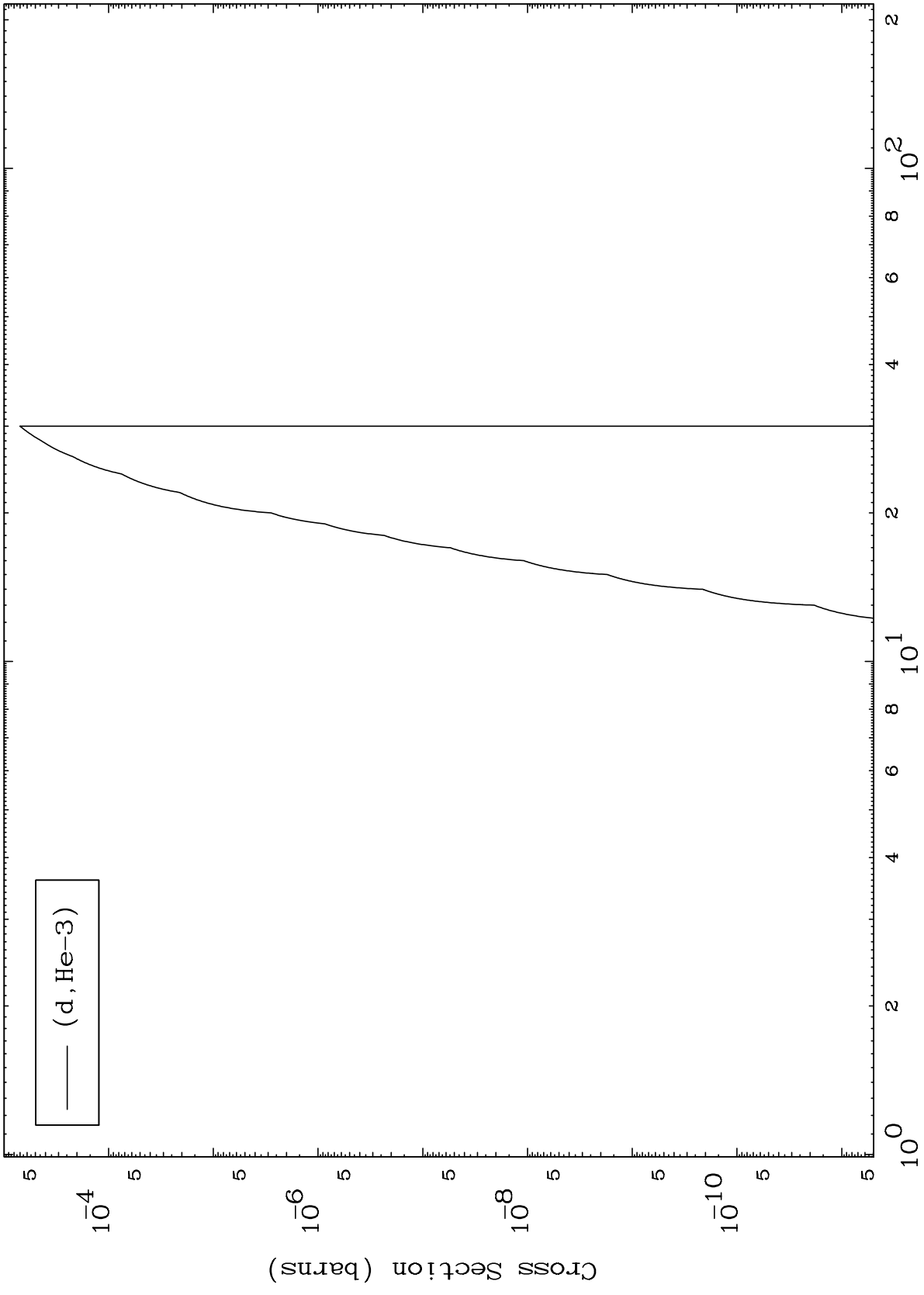
Incident Energy (MeV)

80-Hg-196

MAT 8025

(d,He3) Levels  
0 Kelvin Cross Sections

80-Hg-196



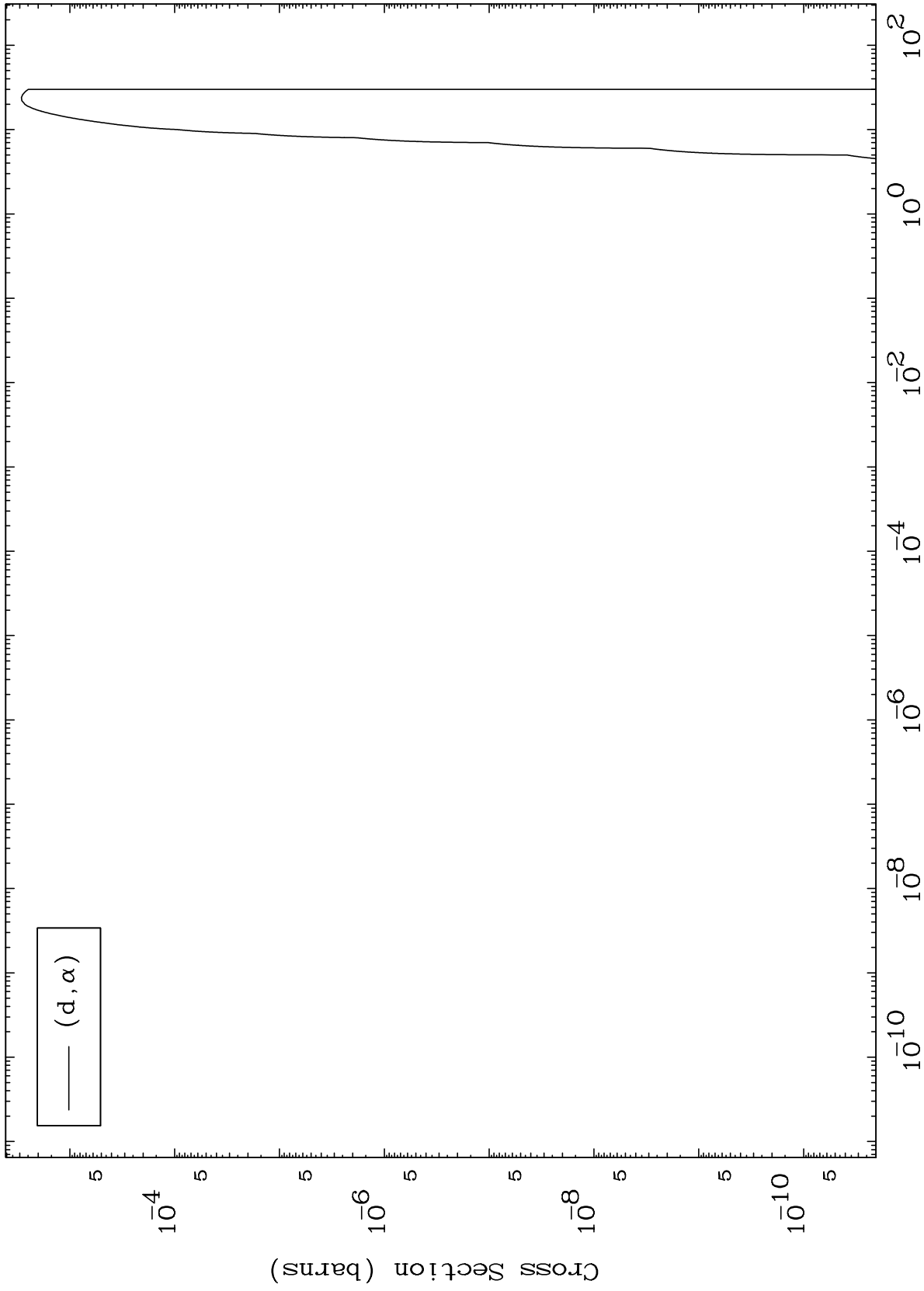
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



11

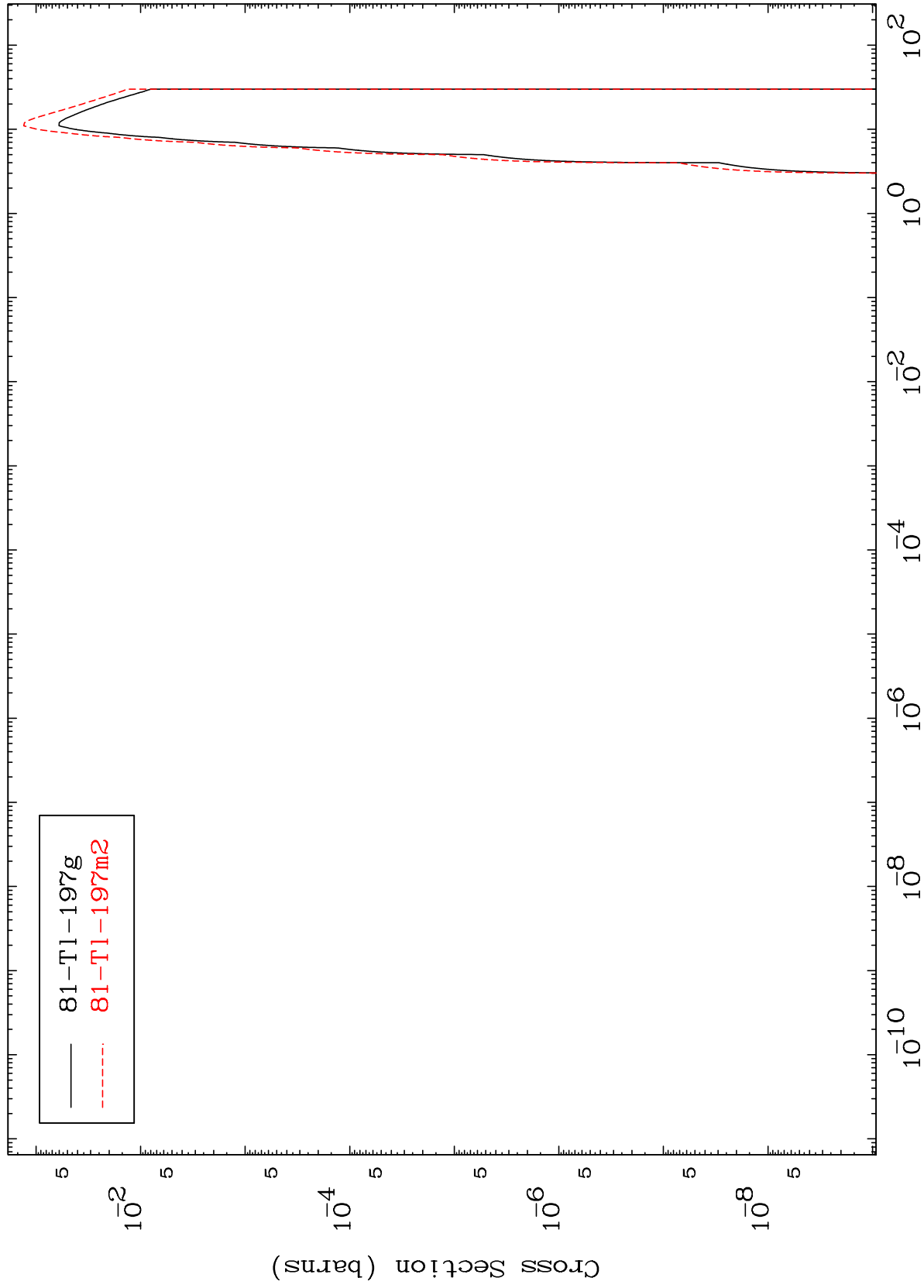
Incident Energy (MeV)

80-Hg-196

MAT 8025

Deuteron Inelastic  
Radionuclide Production Cross Section

80-Hg-196



12

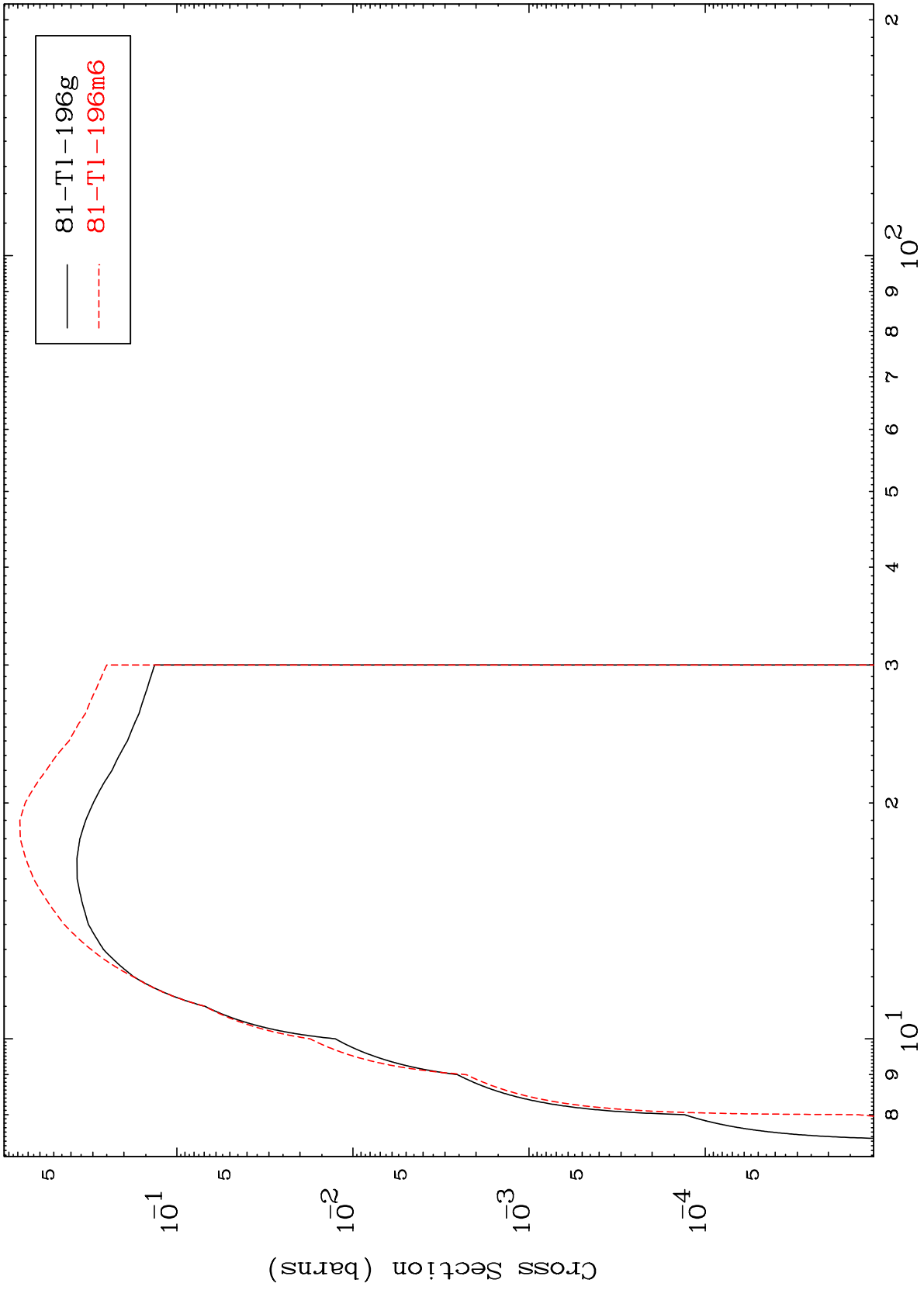
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(d,2n)  
Radionuclide Production Cross Section



13

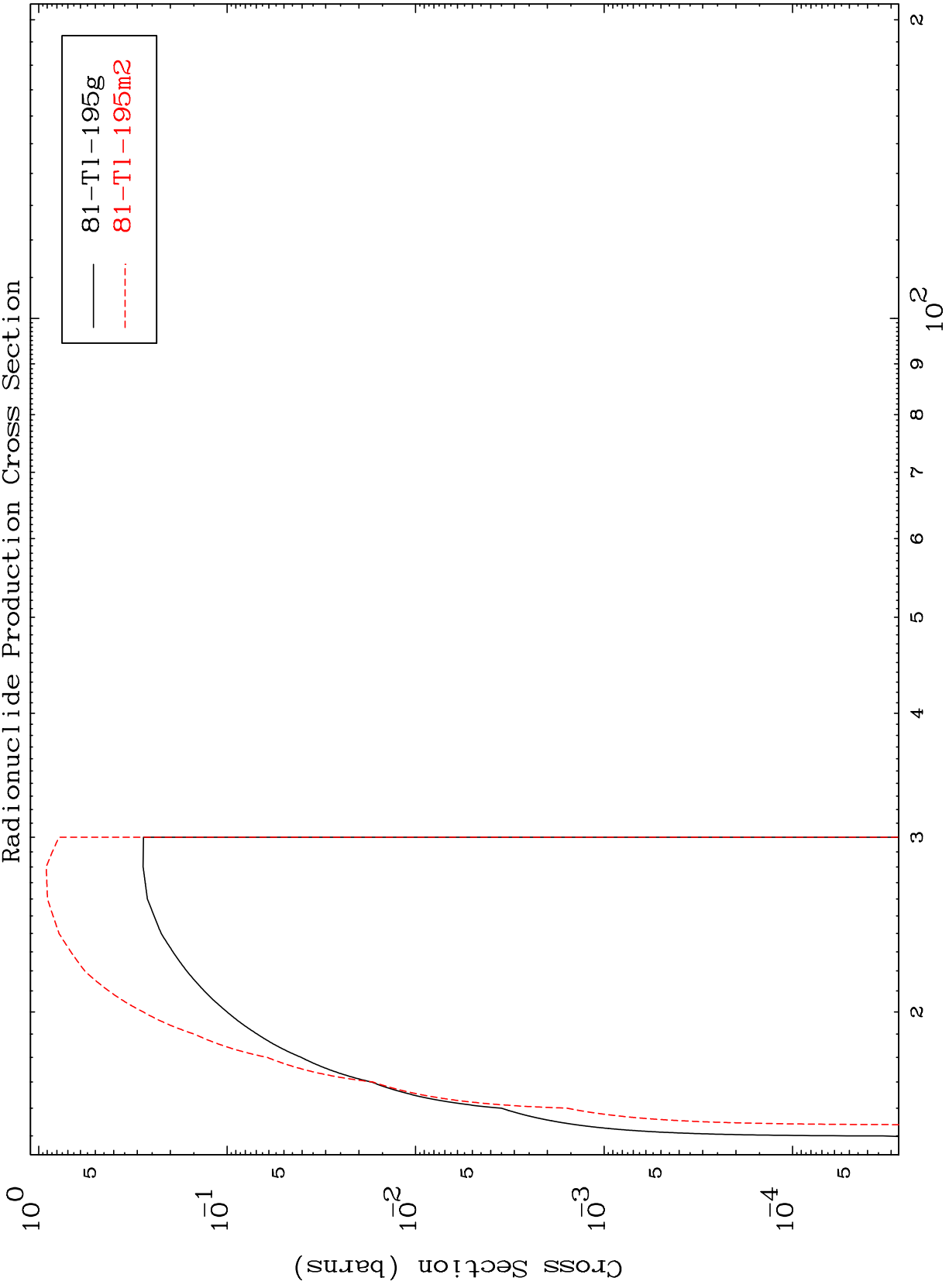
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(d,3n)  
Radionuclide Production Cross Section



14

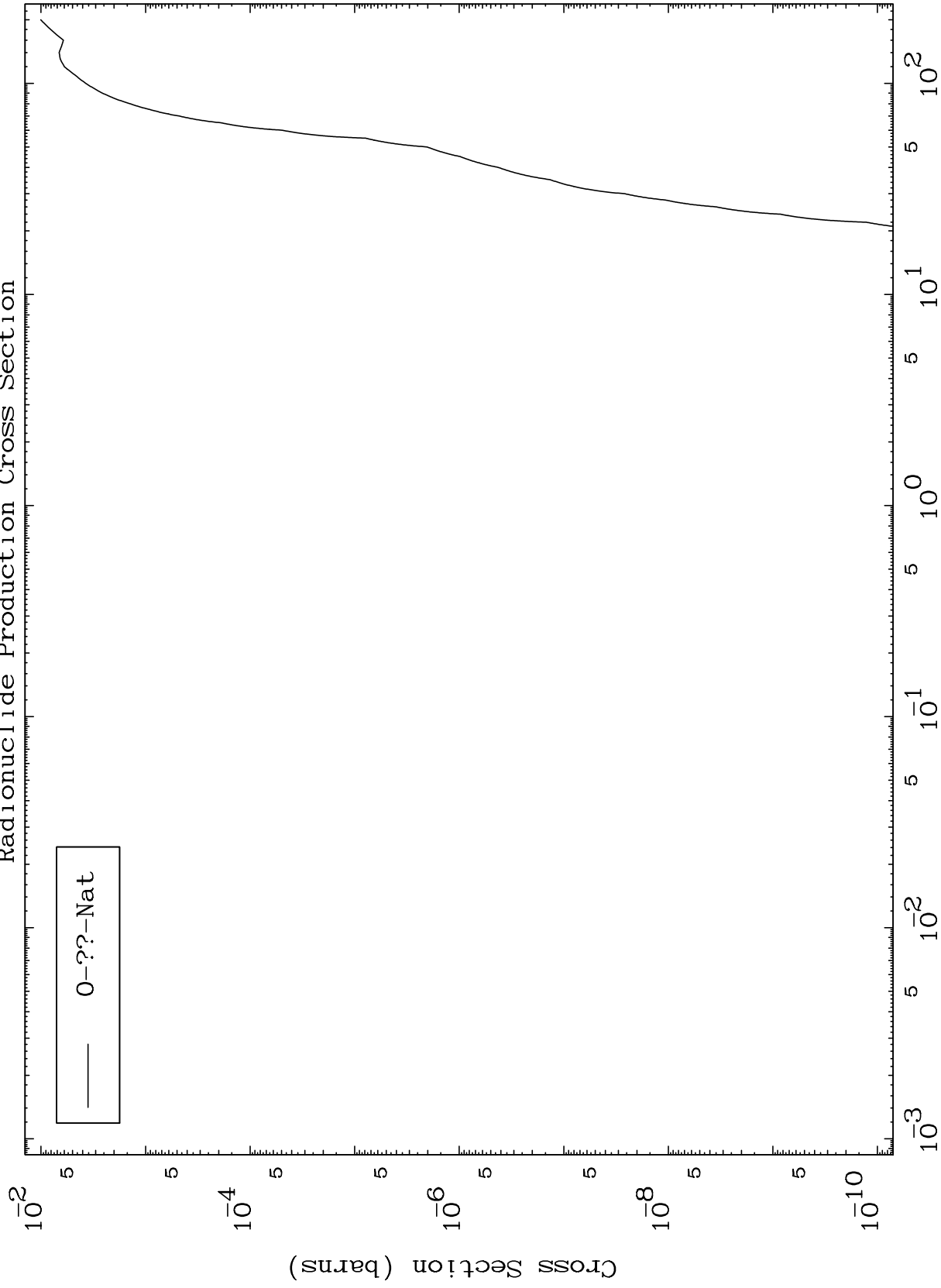
Incident Energy (MeV)

80-Hg-196

MAT 8025

Deuteron Fission  
Radionuclide Production Cross Section

80-Hg-196



15

Incident Energy (MeV)

80-Hg-196

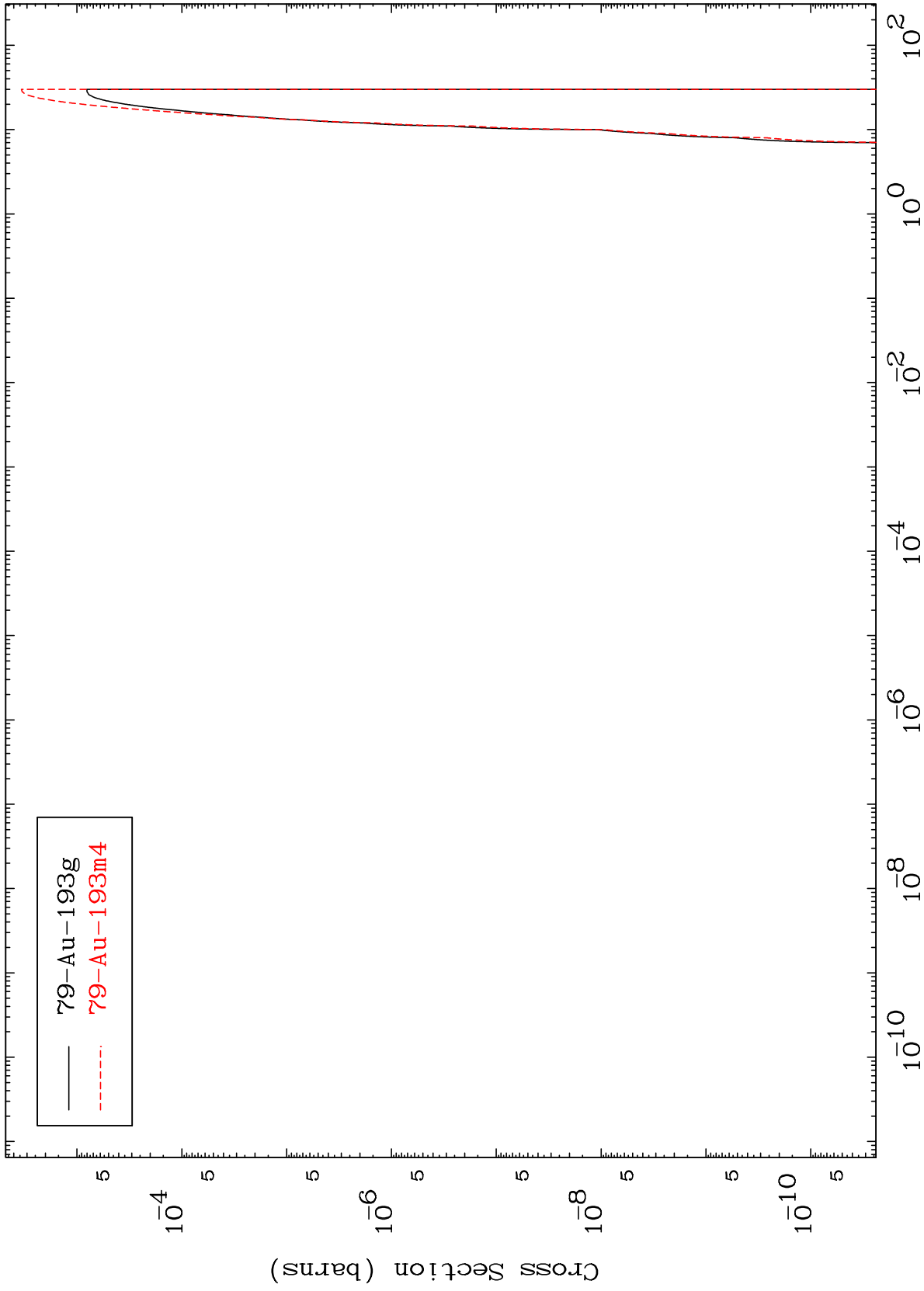


MAT 8025

(d,n')  $\alpha$

80-Hg-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

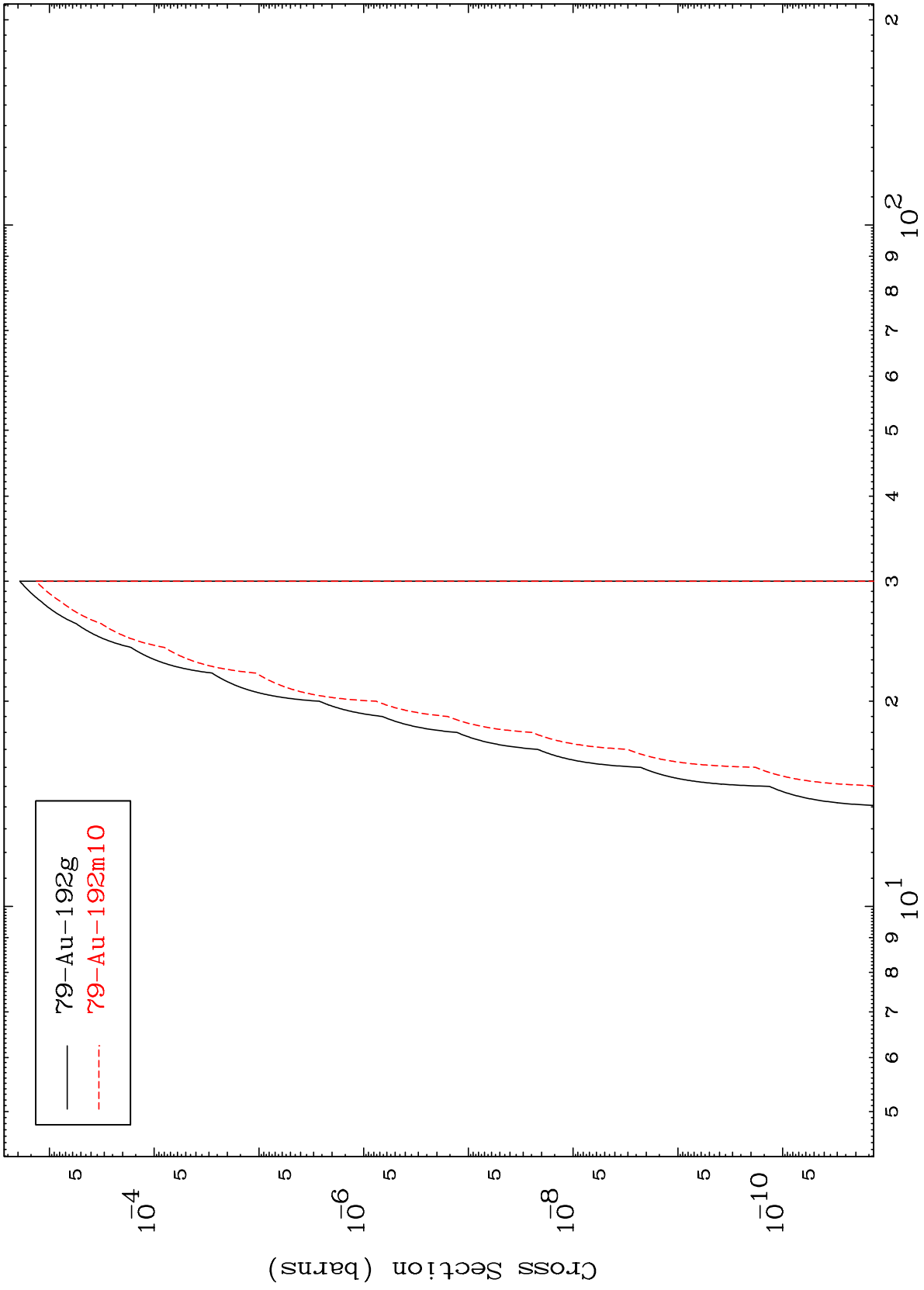
80-Hg-196

MAT 8025

(d,2n)  $\alpha$

80-Hg-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

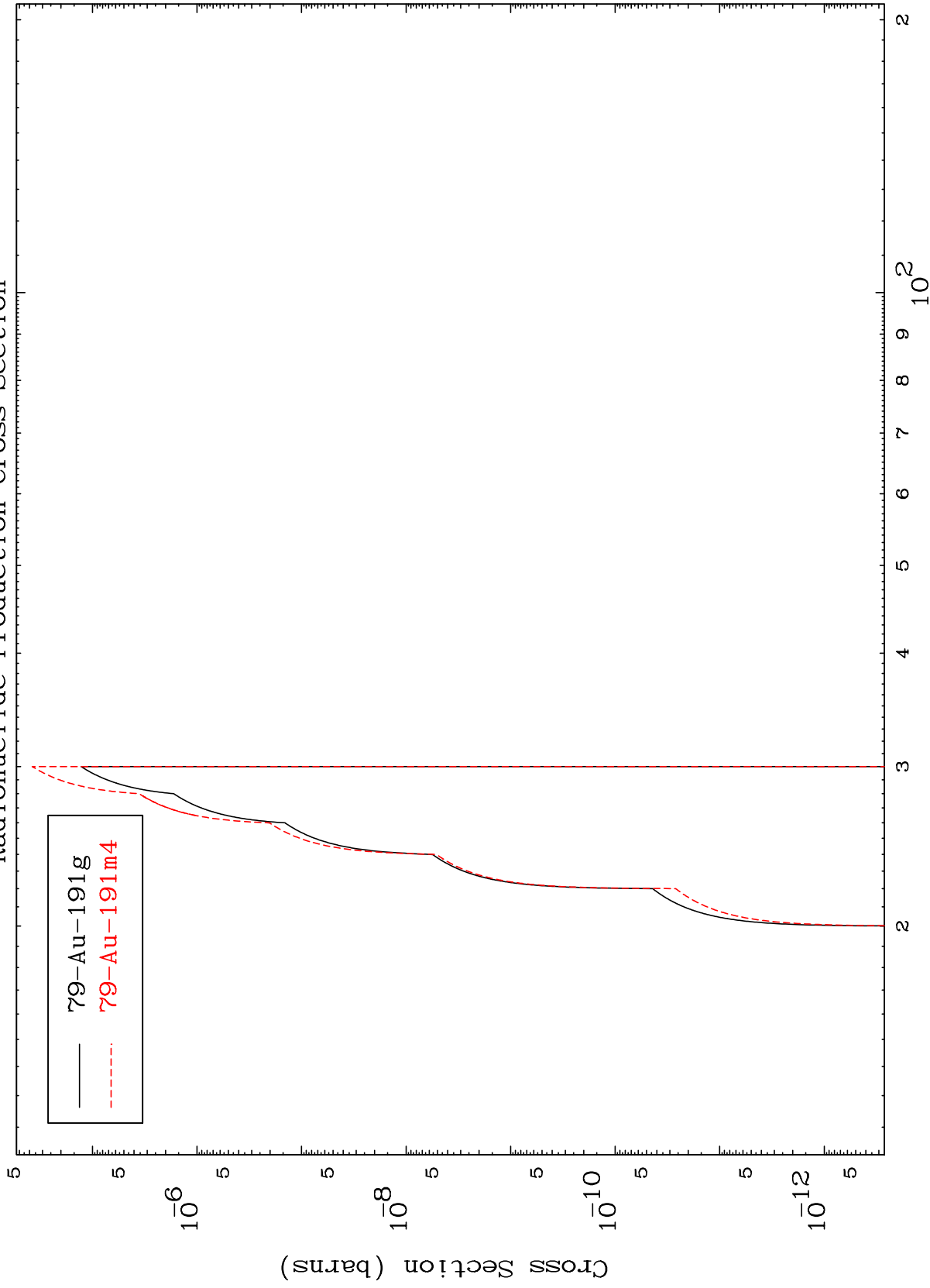
80-Hg-196

MAT 8025

(d,3n)  $\alpha$

80-Hg-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

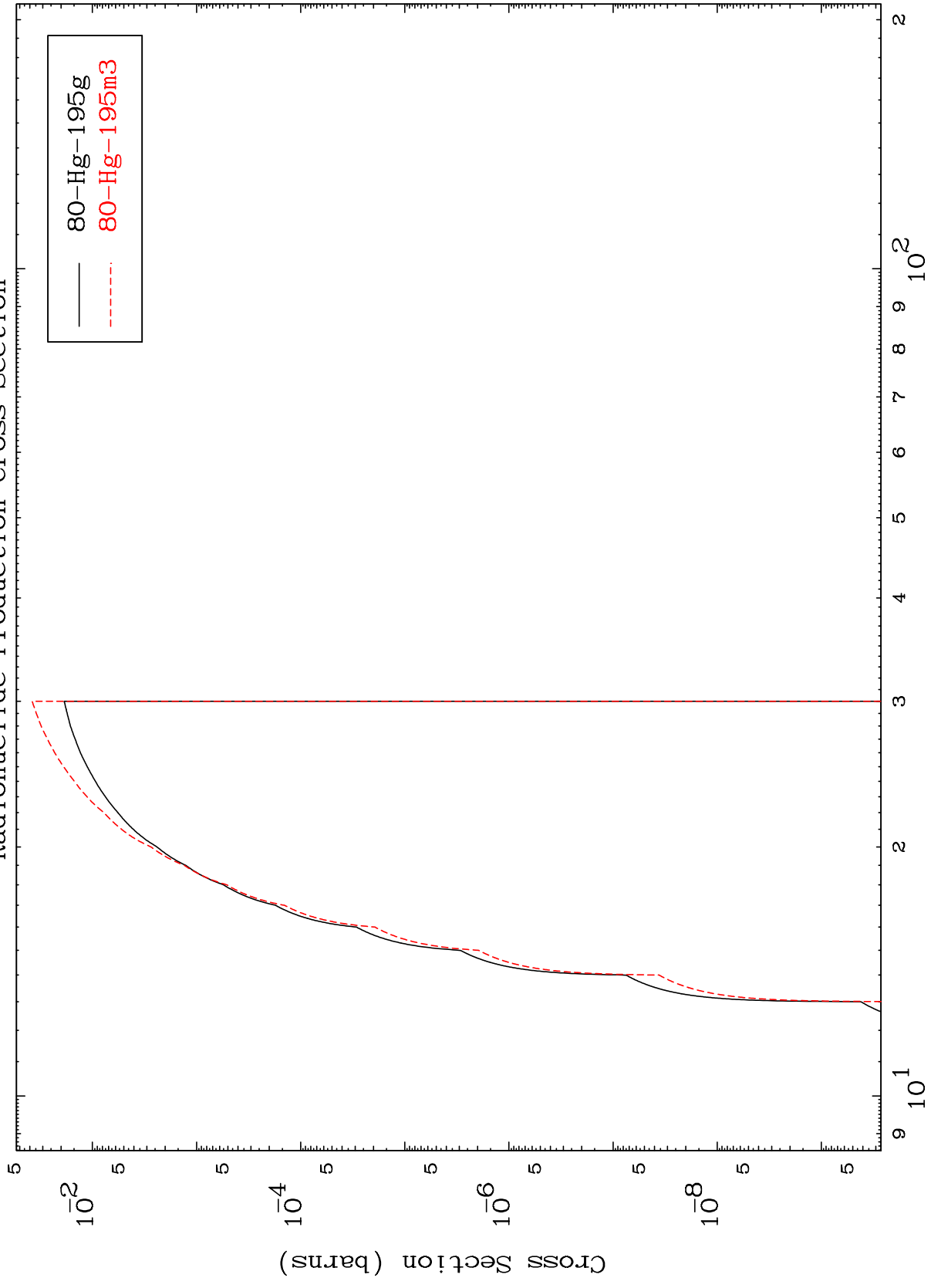
80-Hg-196

MAT 8025

(d,n') d

80-Hg-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

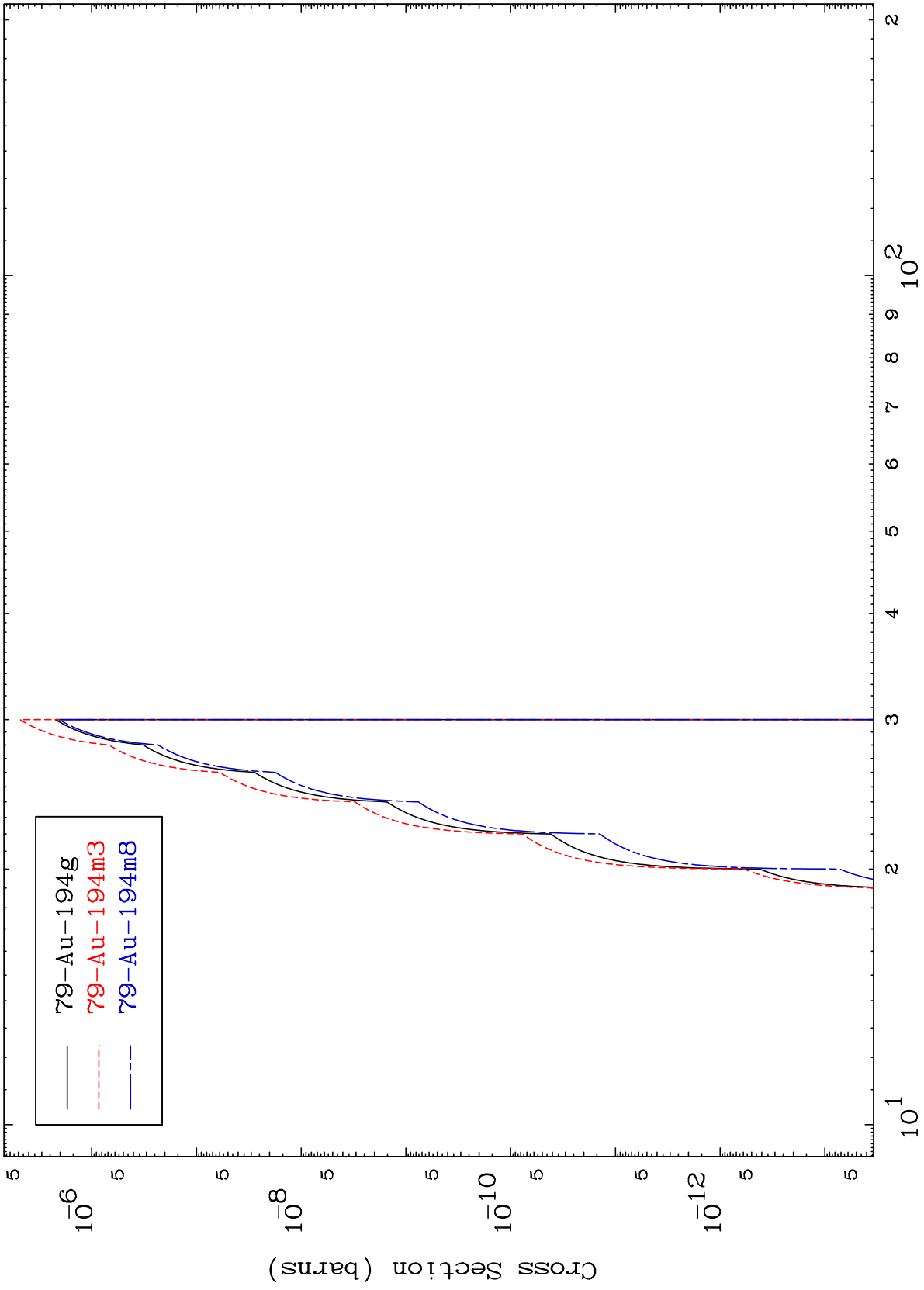
80-Hg-196

MAT 8025

(d, n') He-3

80-Hg-196

Radionuclide Production Cross Section



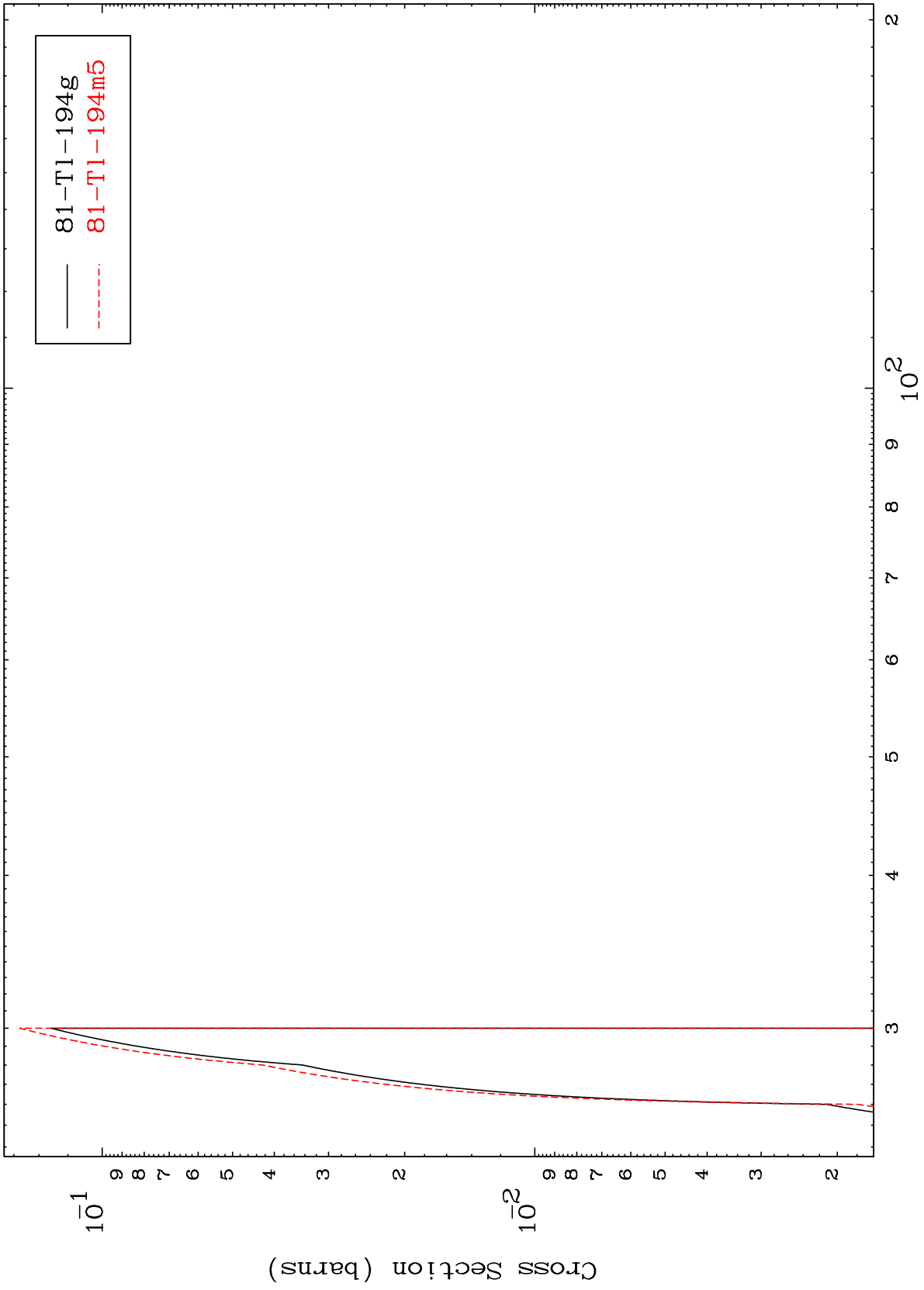
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(d,4n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

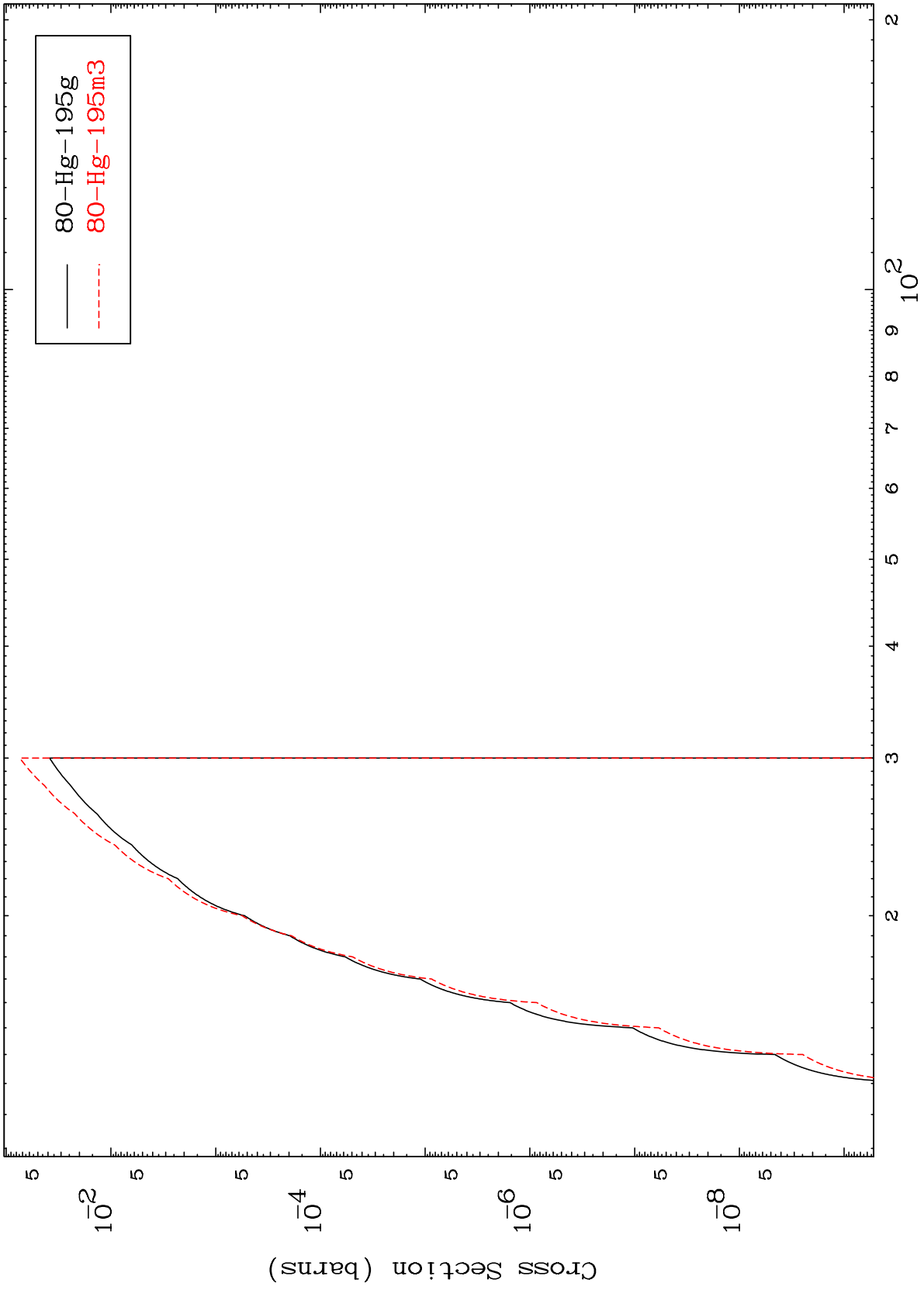
80-Hg-196

MAT 8025

(d,2n) p

80-Hg-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

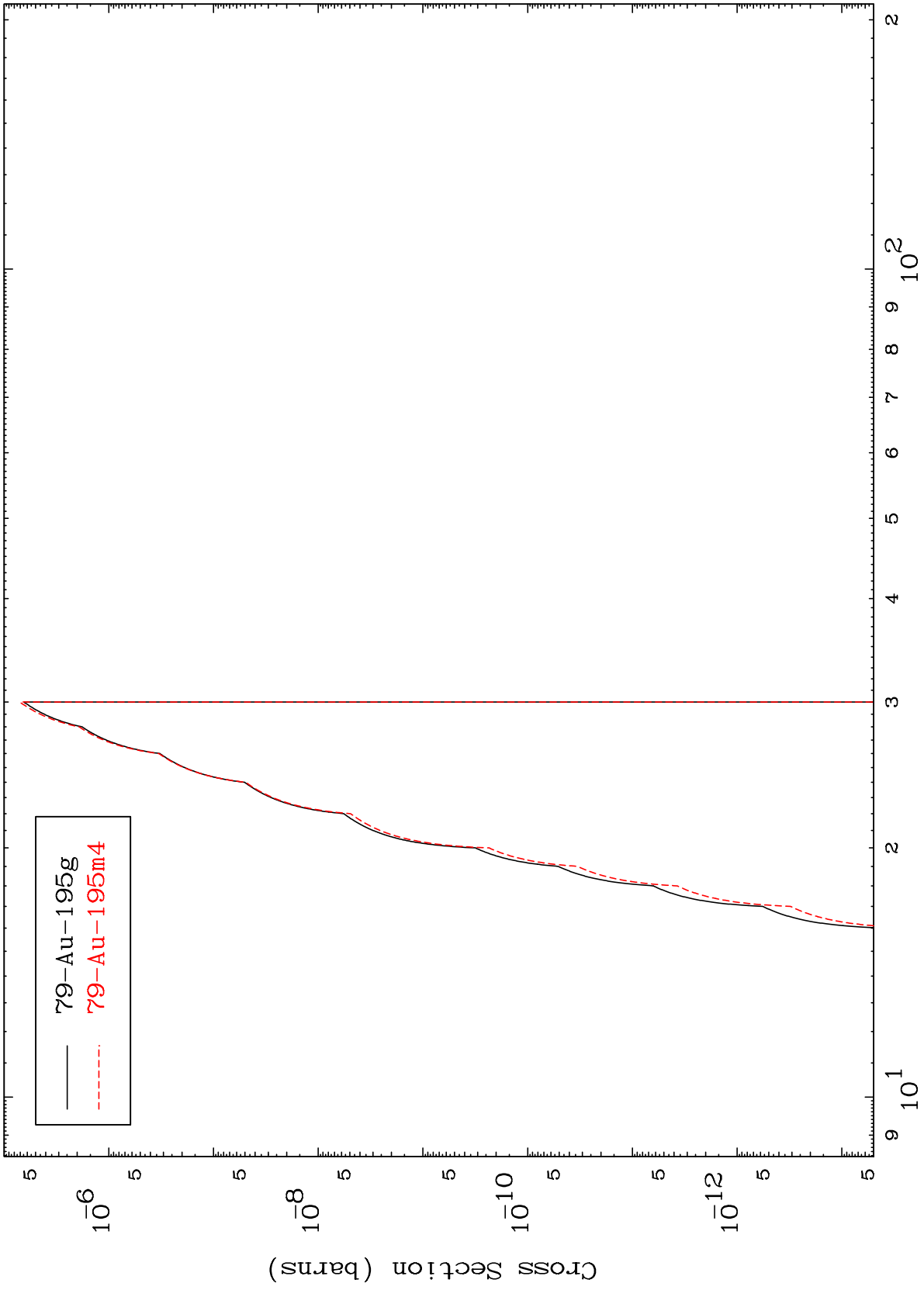
80-Hg-196

MAT 8025

(d,2n) p

80-Hg-196

Radionuclide Production Cross Section



23

Incident Energy (MeV)

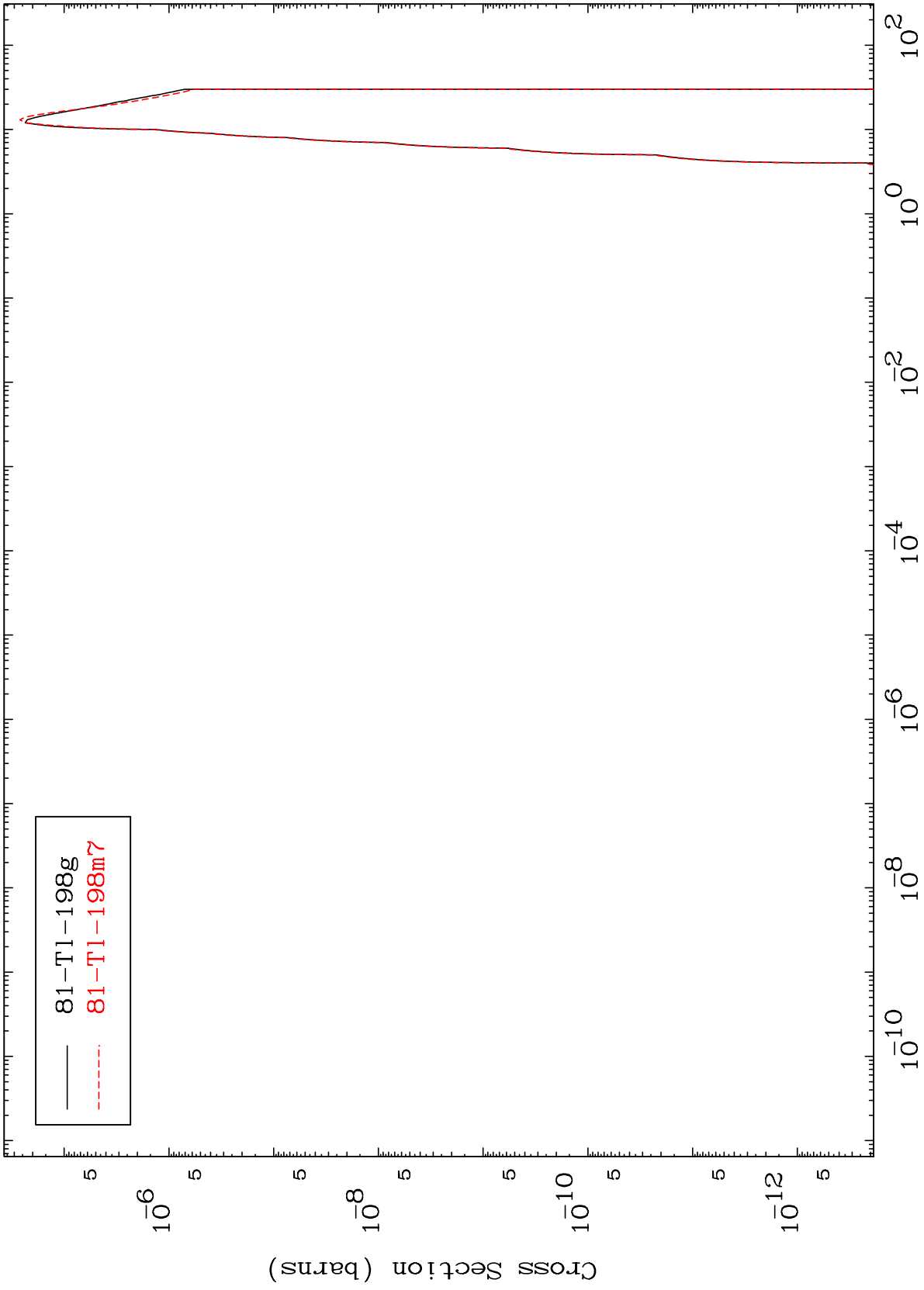
80-Hg-196



MAT 8025

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

80-Hg-196



24

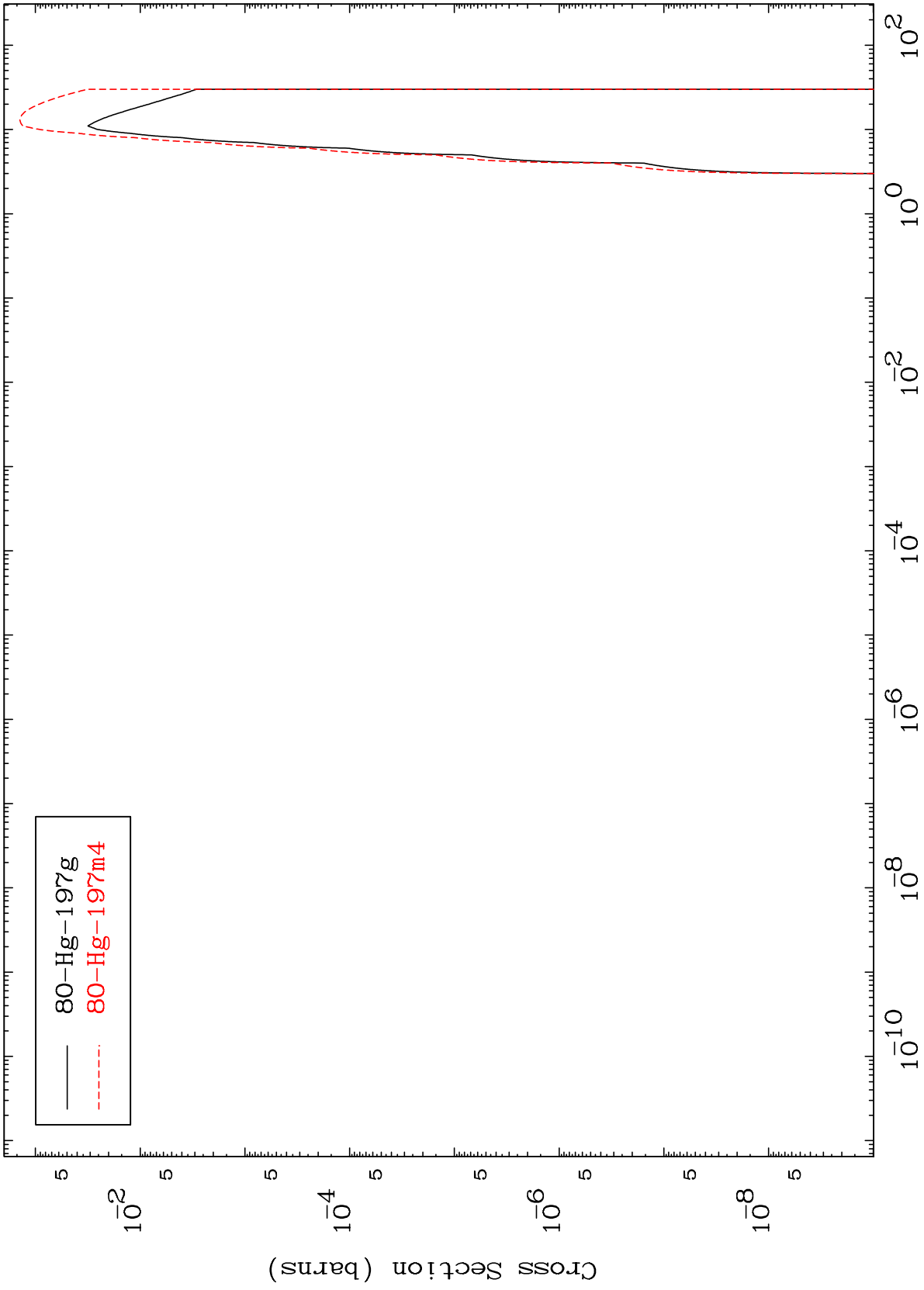
Incident Energy (MeV)

80-Hg-196

MAT 8025

(d,p)  
Radionuclide Production Cross Section

80-Hg-196



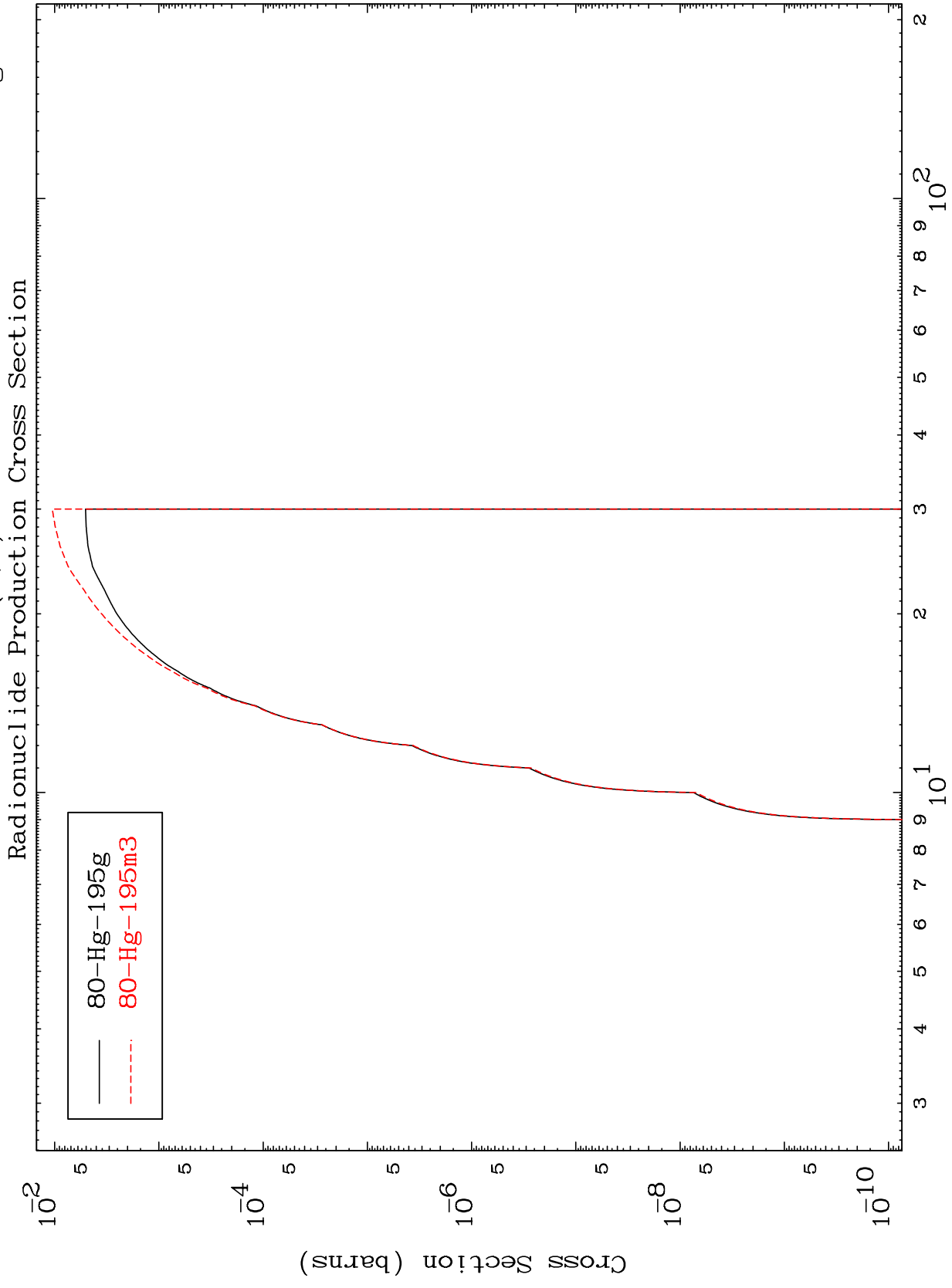
25

Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196



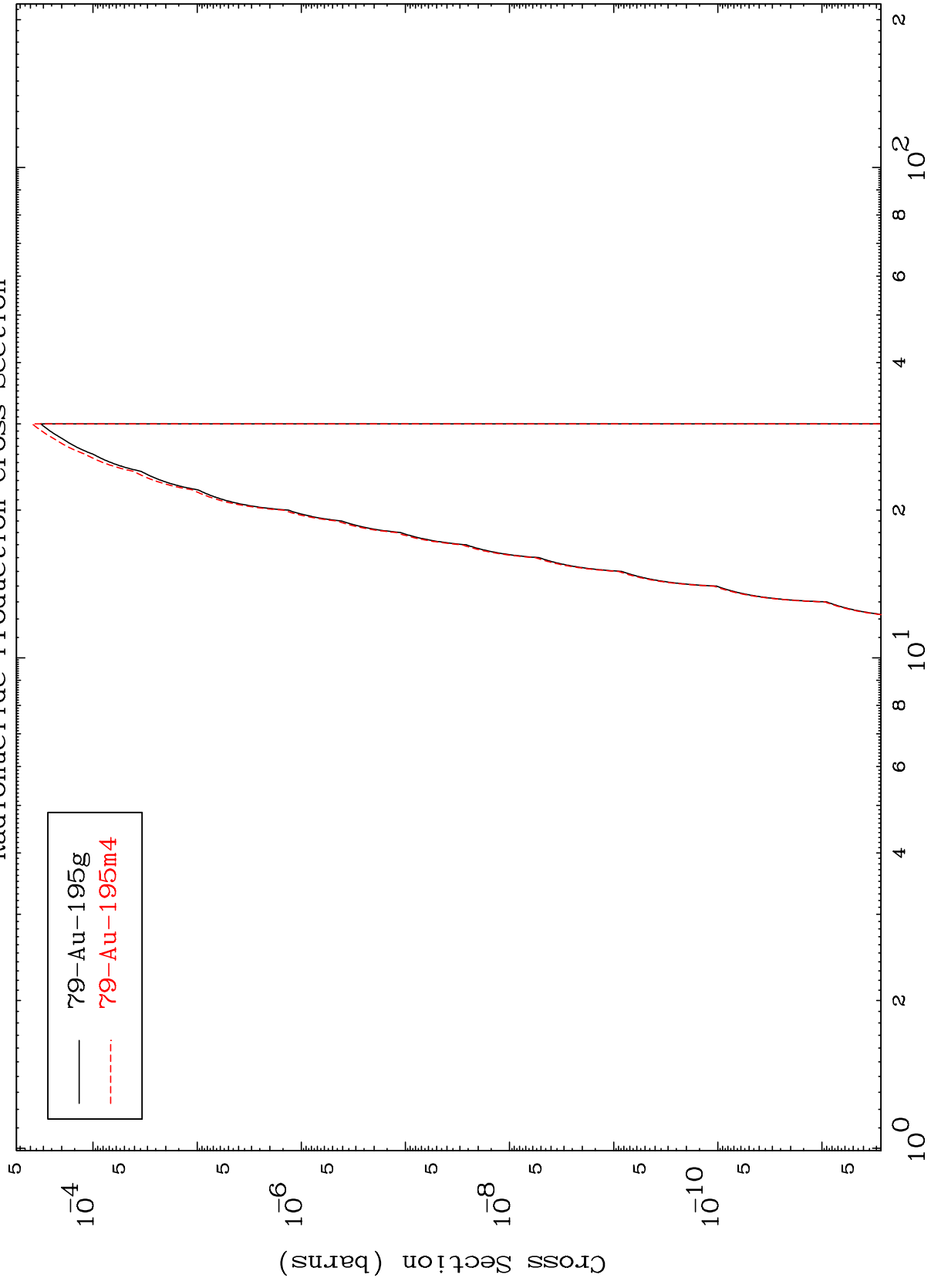
80-Hg-196

MAT 8025

(d, He-3)

80-Hg-196

Radionuclide Production Cross Section



79-Au-195g  
79-Au-195m4

27

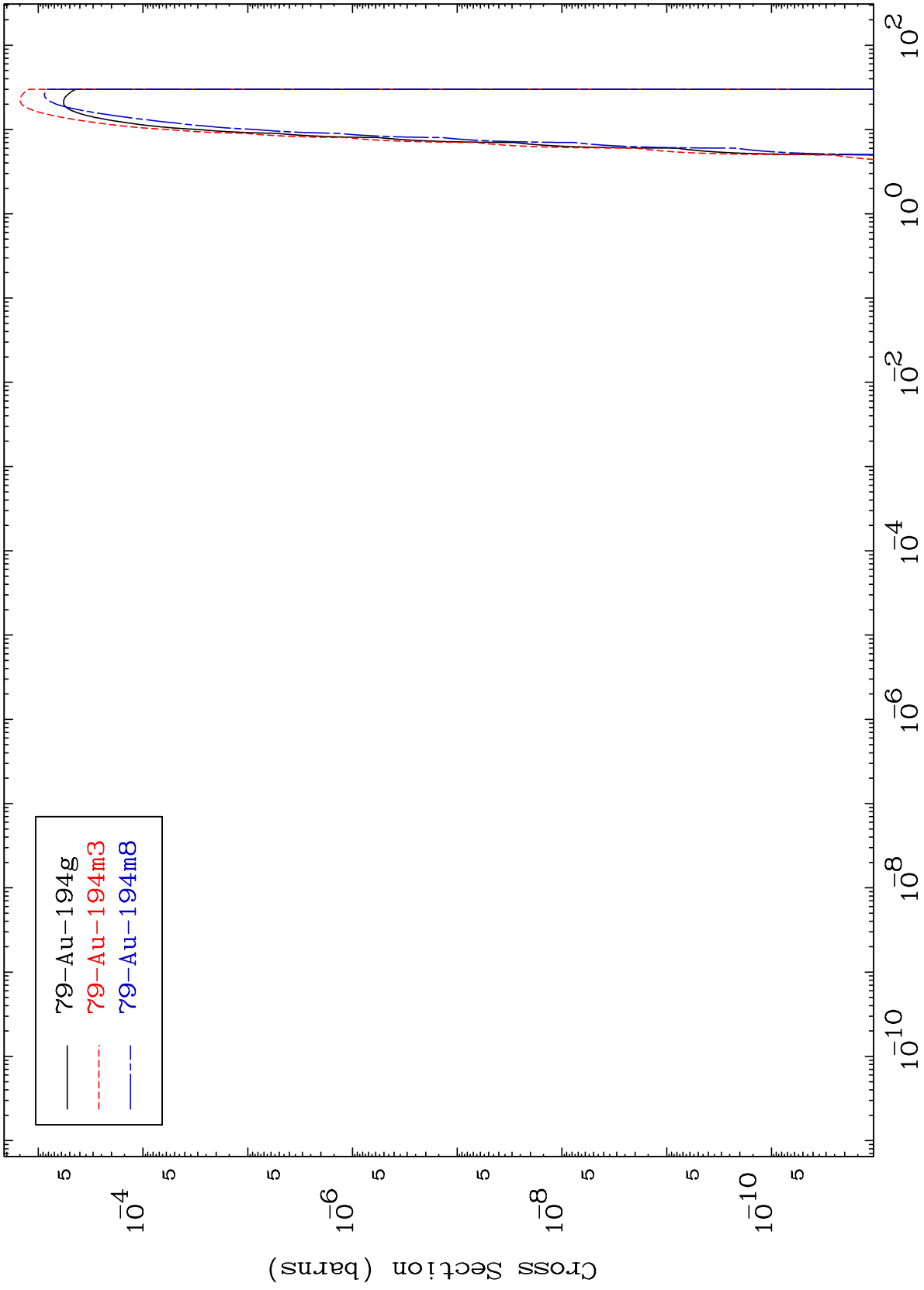
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



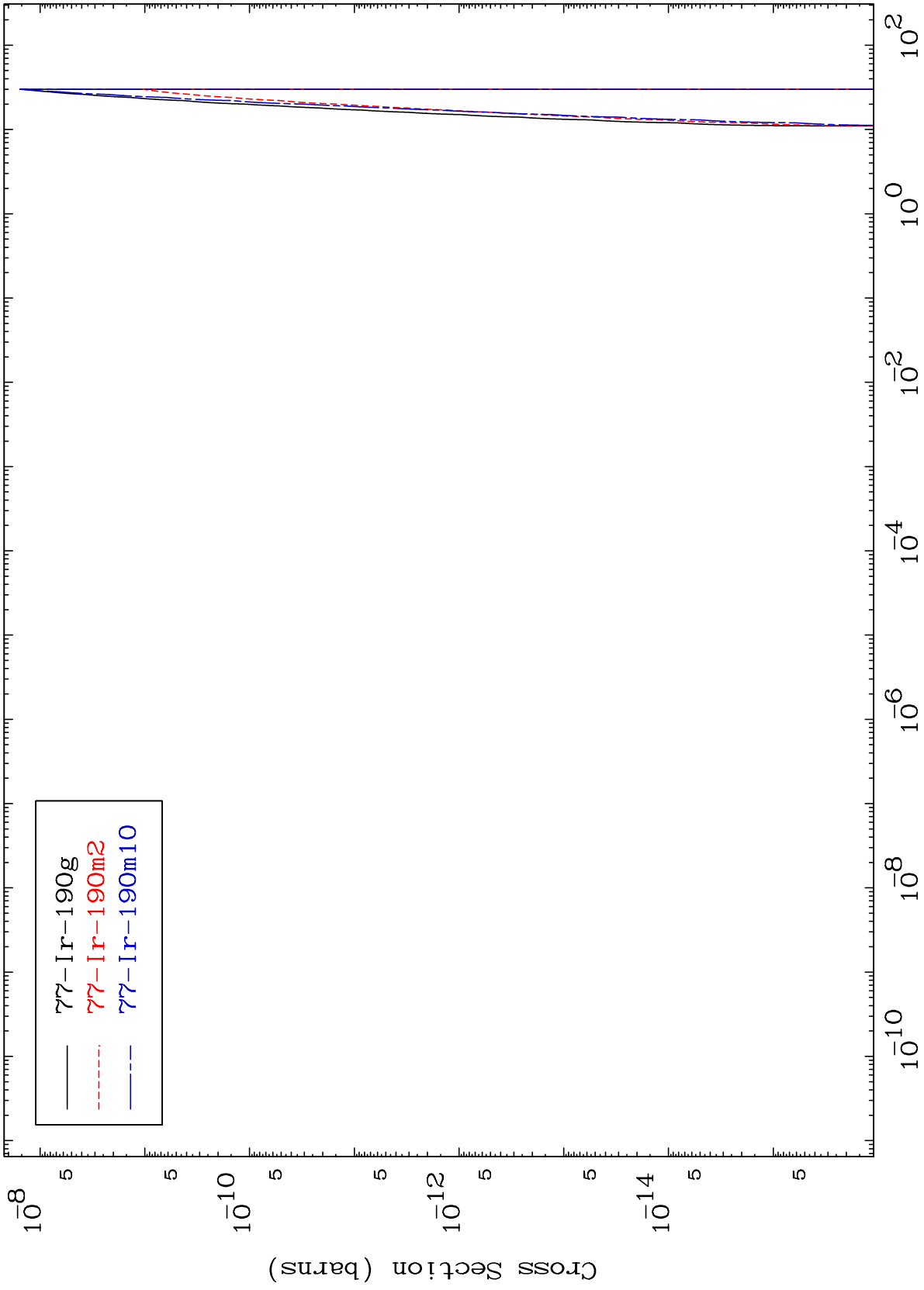
28

80-Hg-196

MAT 8025

Radionuclide Production Cross Section  
(d,2 $\alpha$ )

80-Hg-196



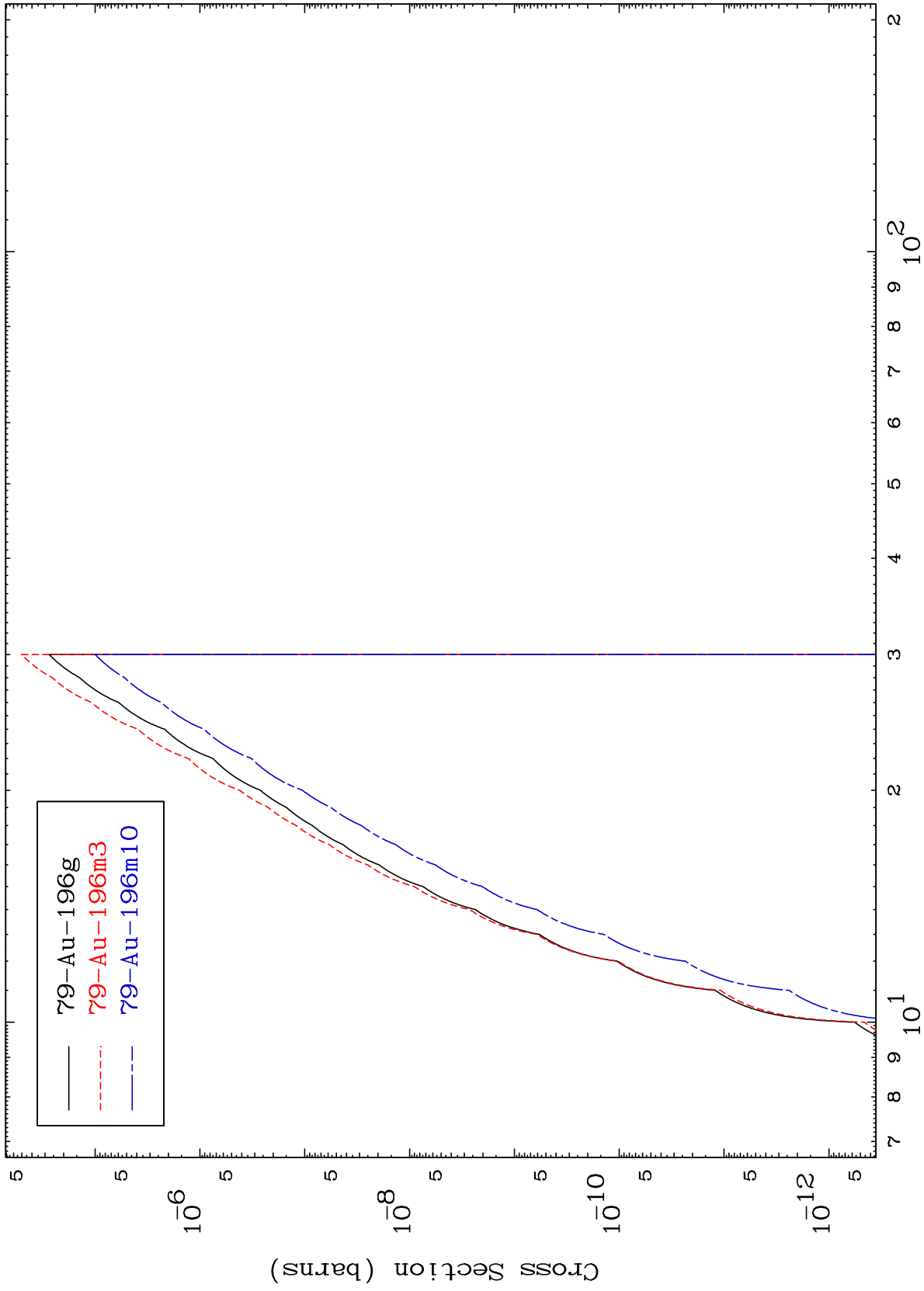
29

80-Hg-196

MAT 8025

80-Hg-196

(d,2p)  
Radionuclide Production Cross Section

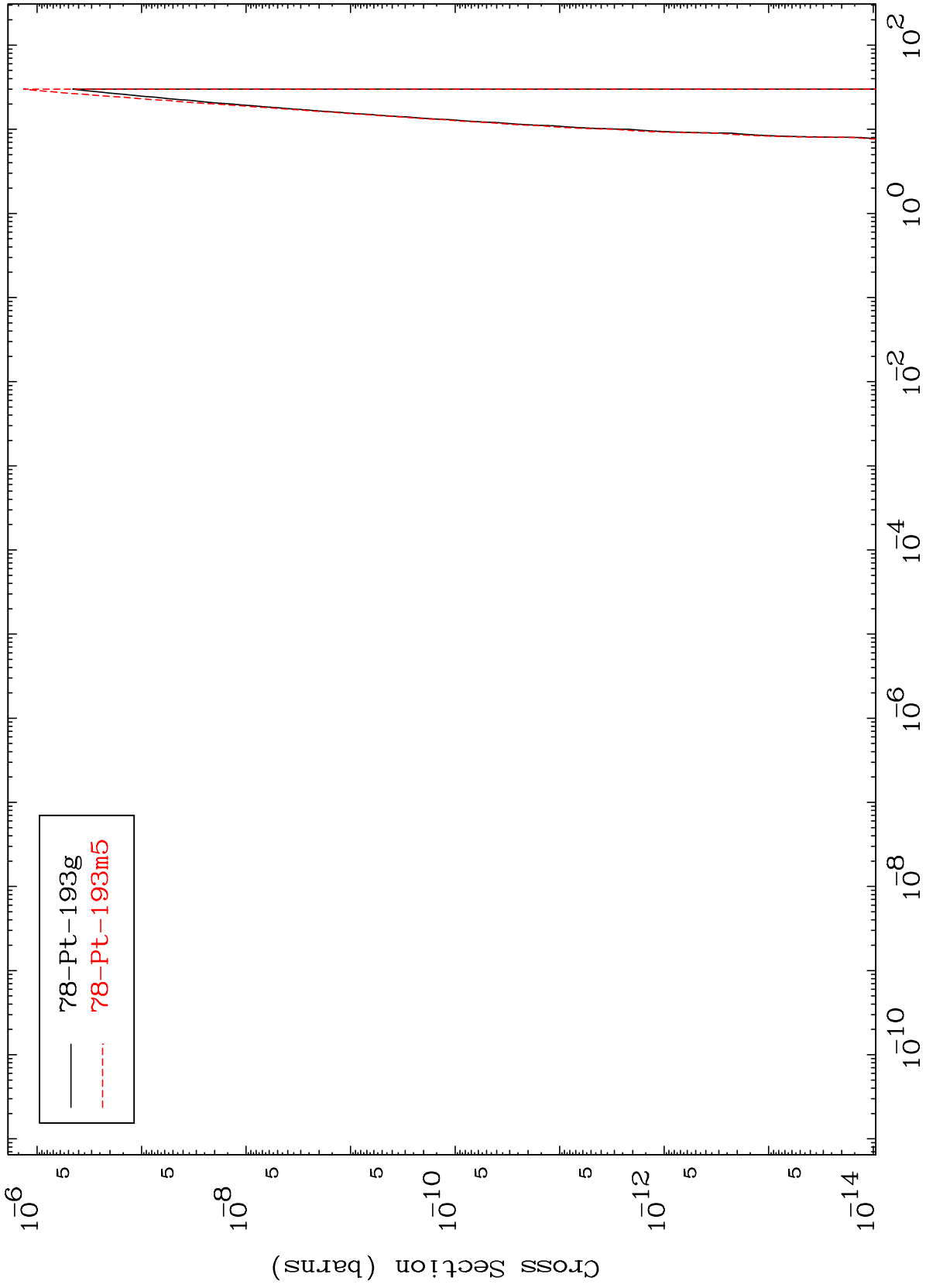


MAT 8025

(d,p)  $\alpha$

80-Hg-196

Radionuclide Production Cross Section



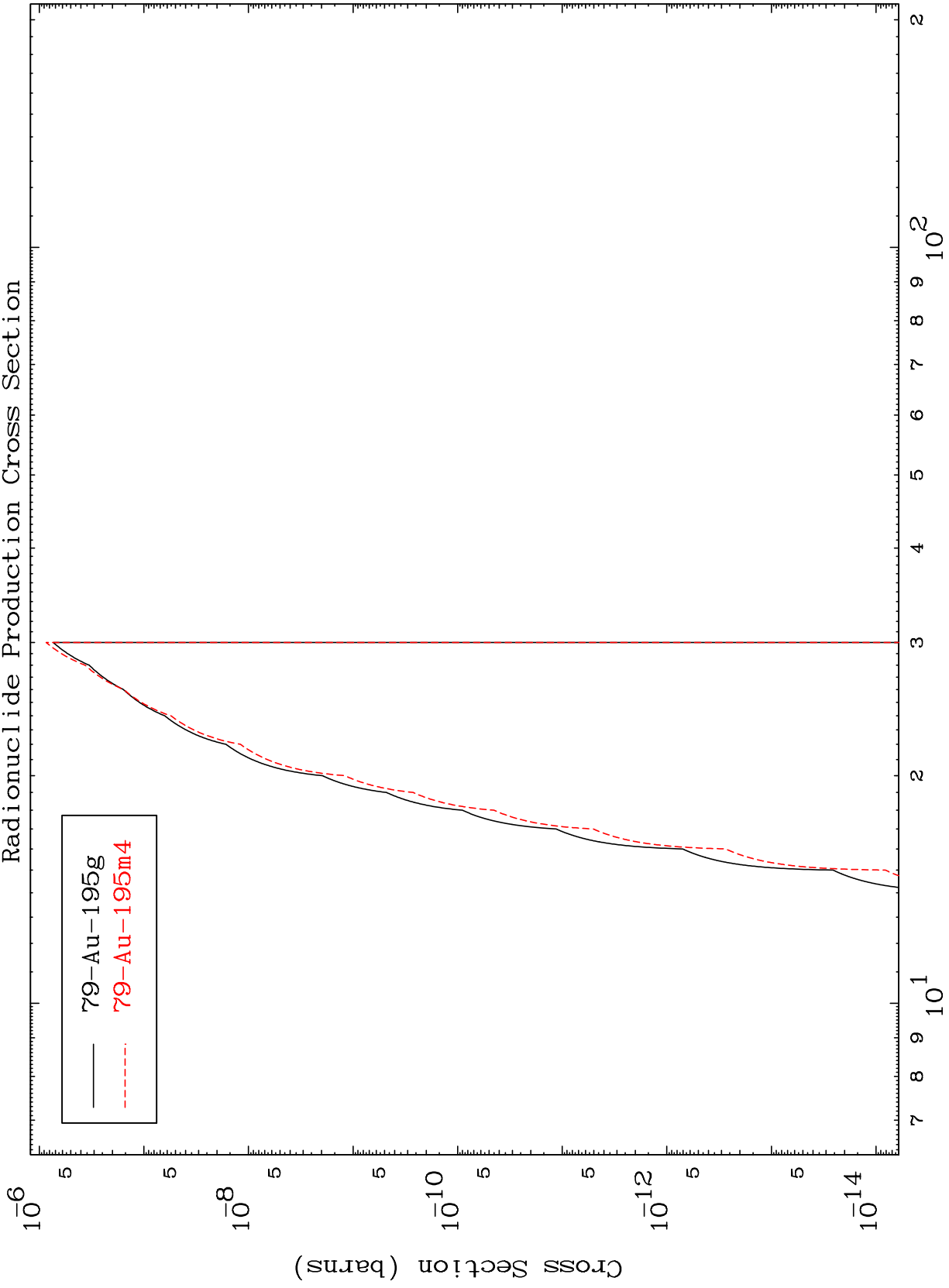


MAT 8025

(d,p) d

80-Hg-196

Radionuclide Production Cross Section



79-Au-195g  
79-Au-195m4

32

Incident Energy (MeV)

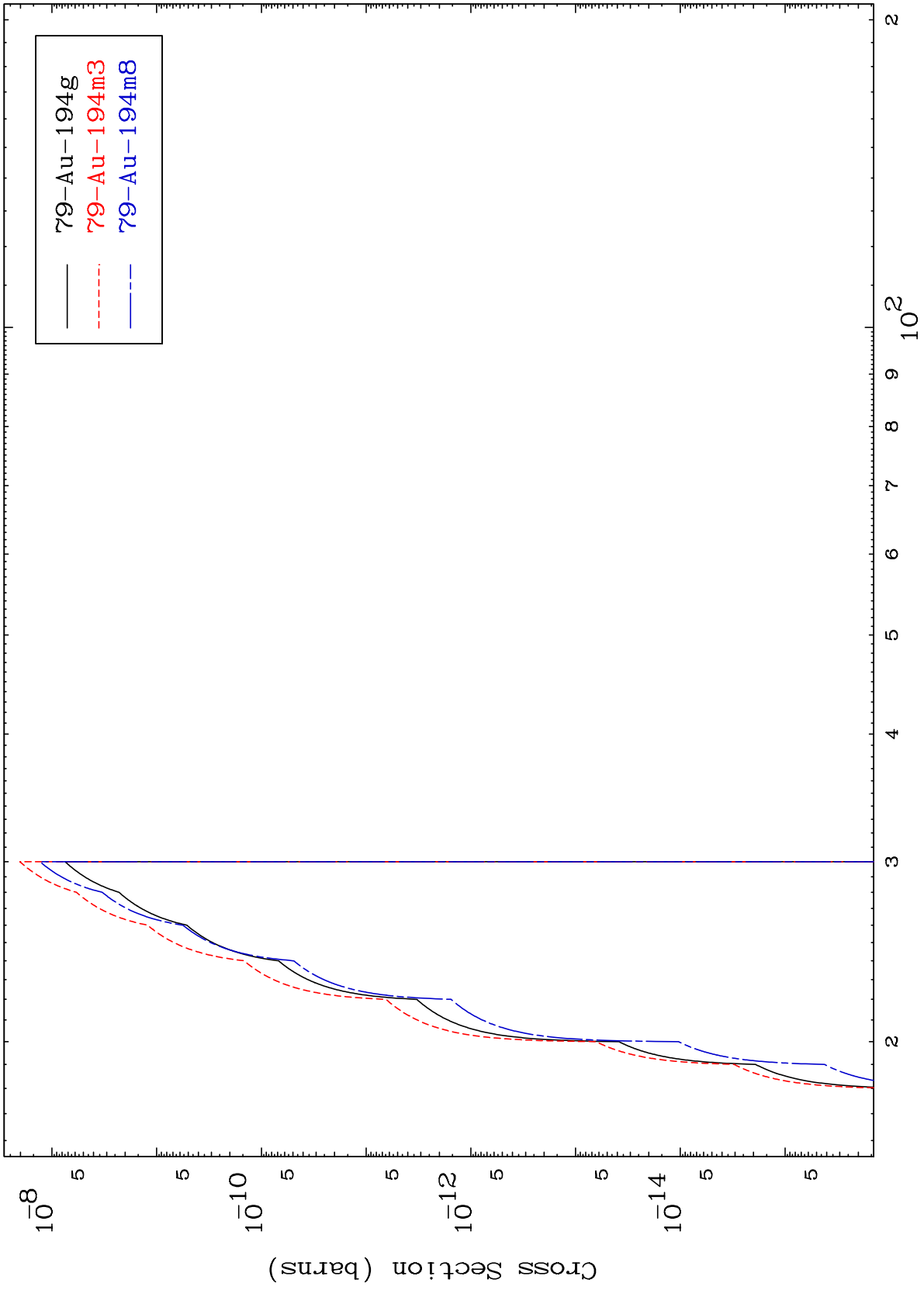
80-Hg-196

MAT 8025

(d,p) t

80-Hg-196

Radionuclide Production Cross Section



33

Incident Energy (MeV)

80-Hg-196