

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

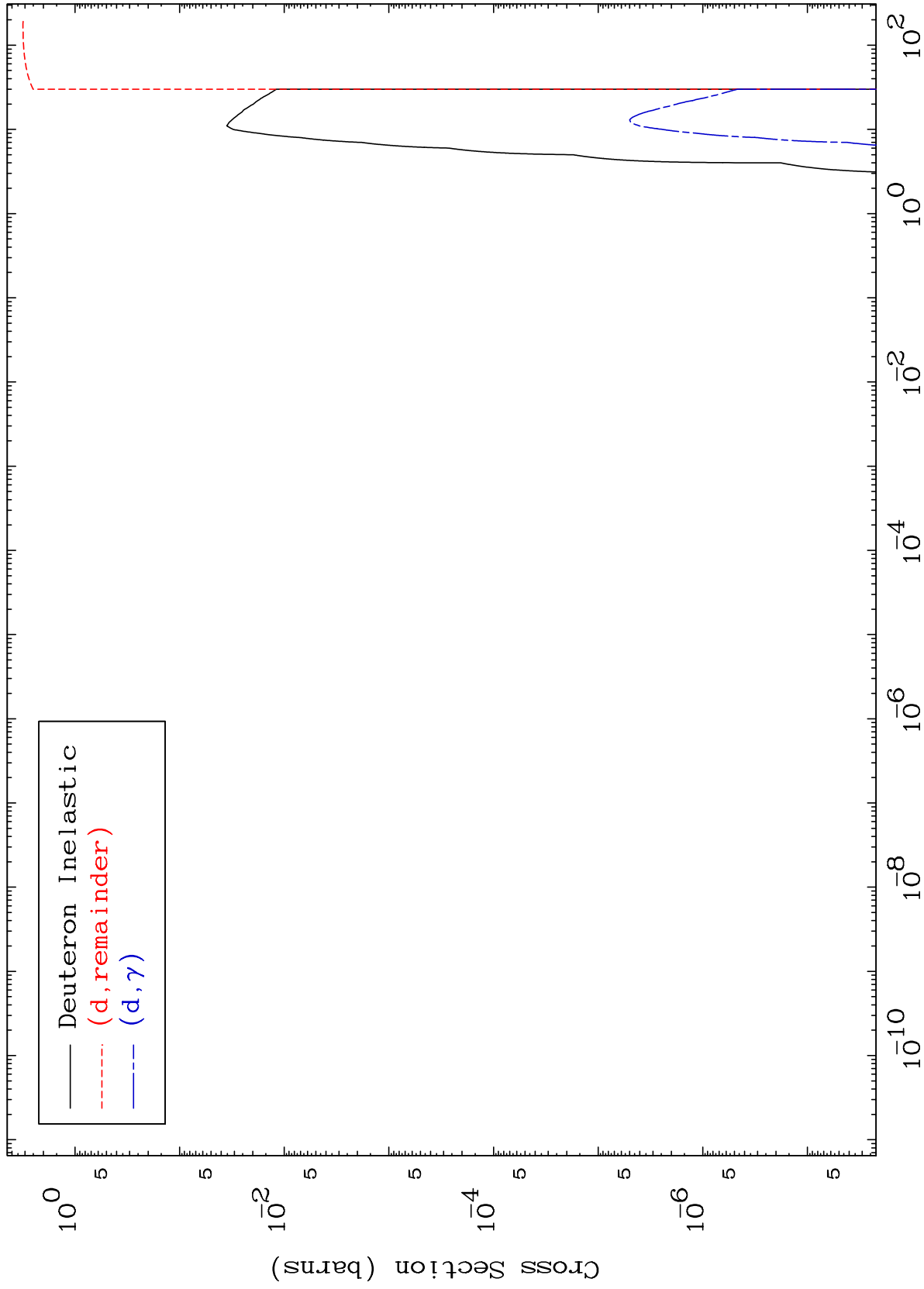
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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

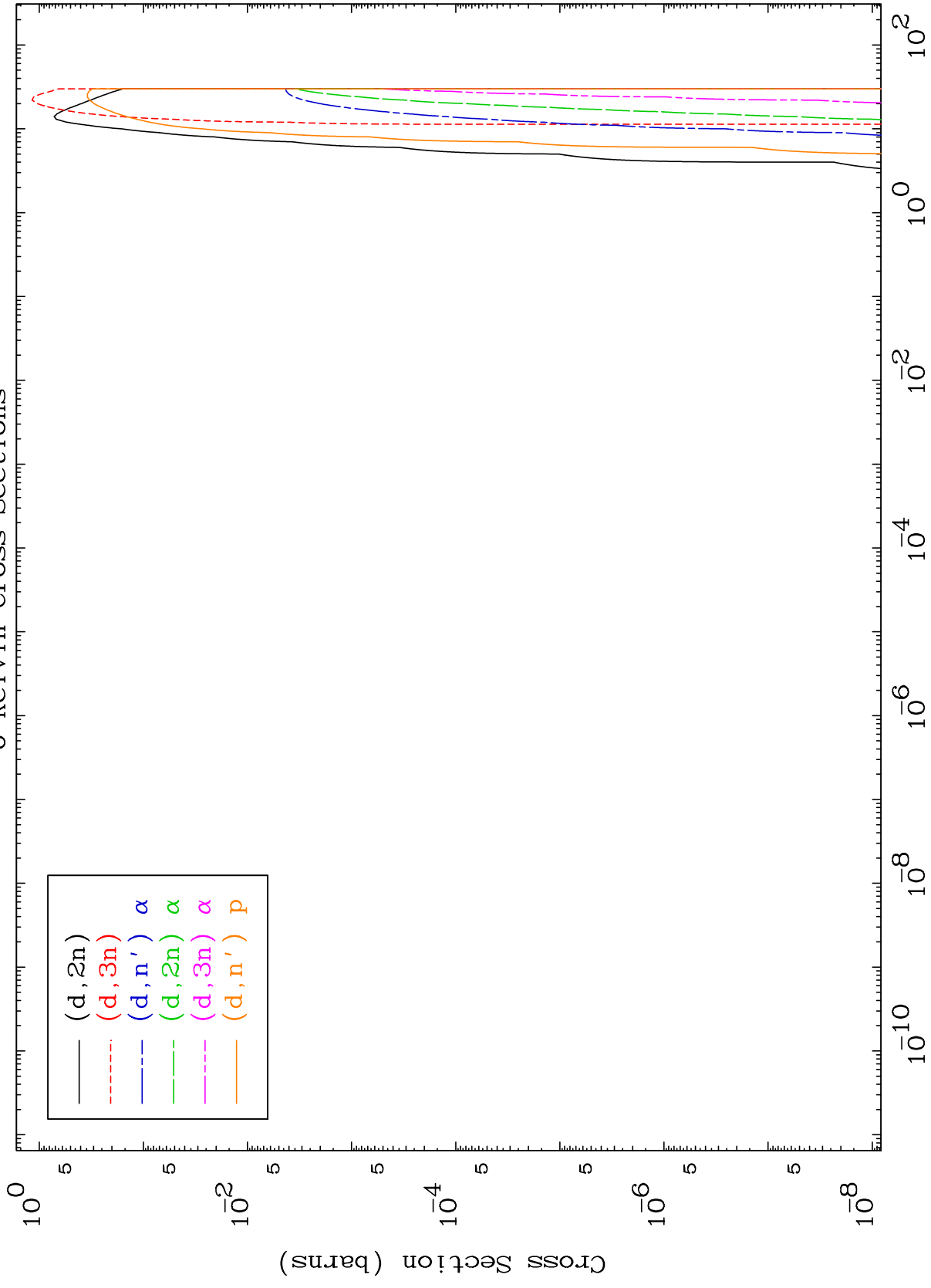
Press Mouse Button to Start



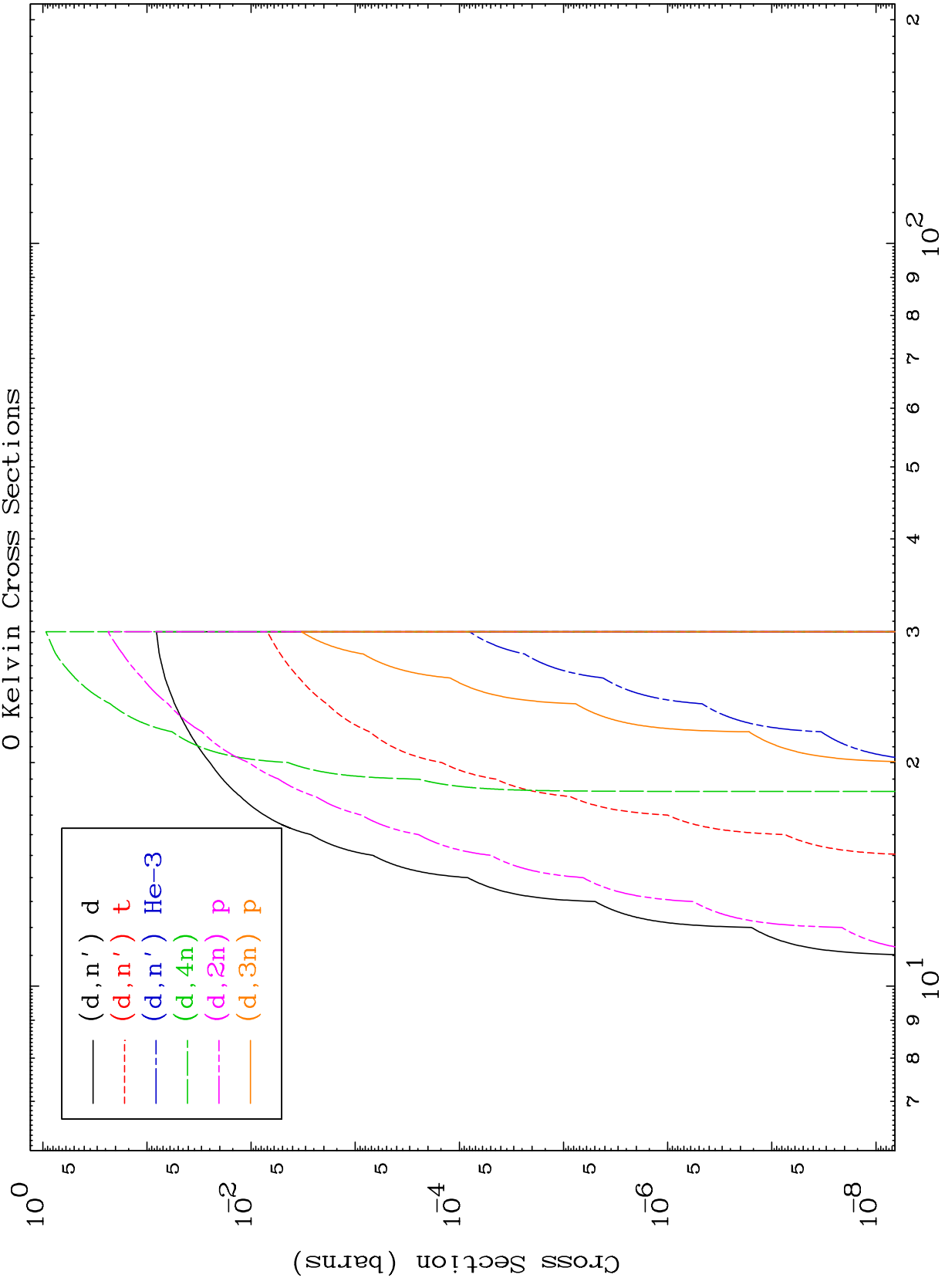
MAT 7922

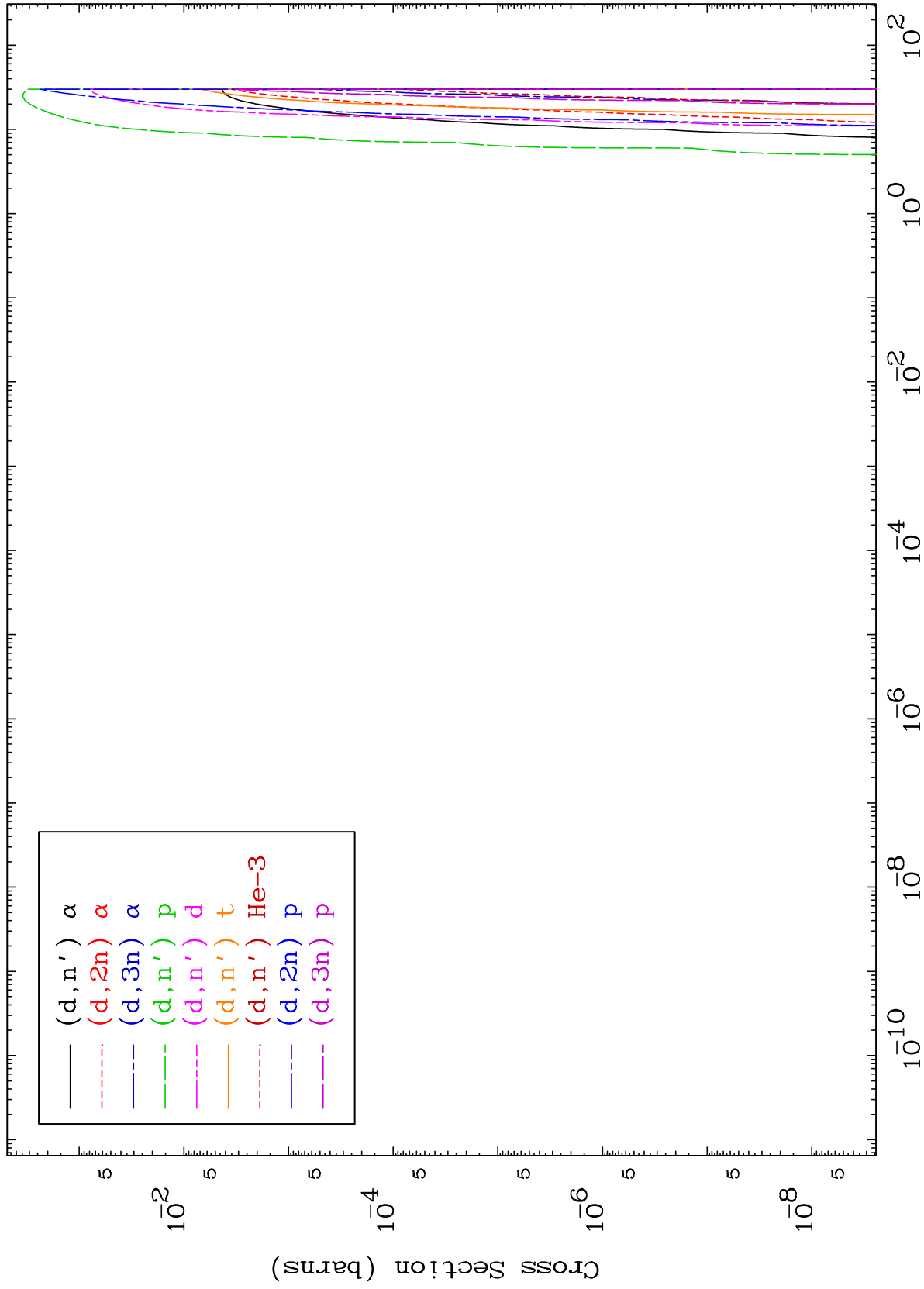
Deuteron Neutron Production
0 Kelvin Cross Sections

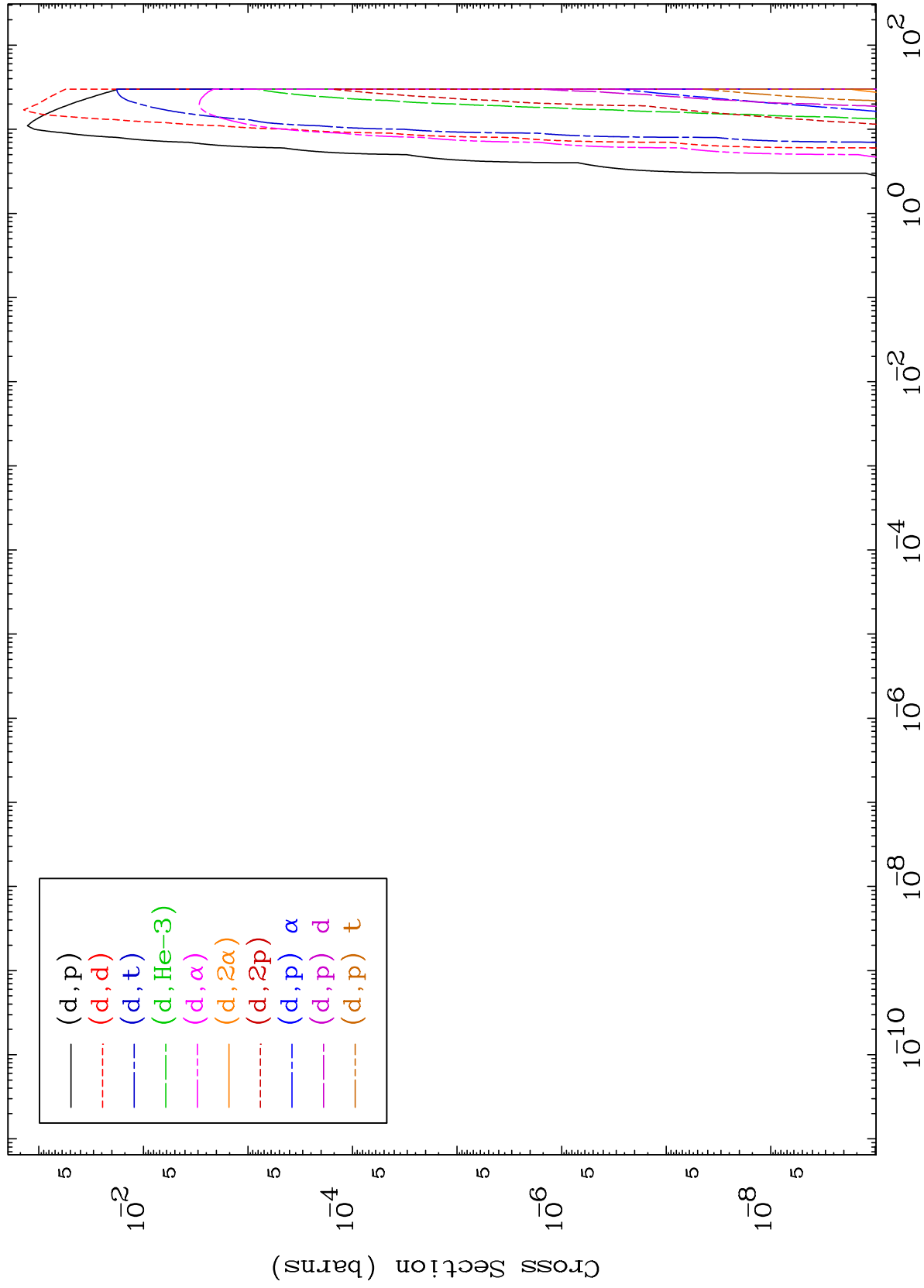
79-Au-196



79-Au-196



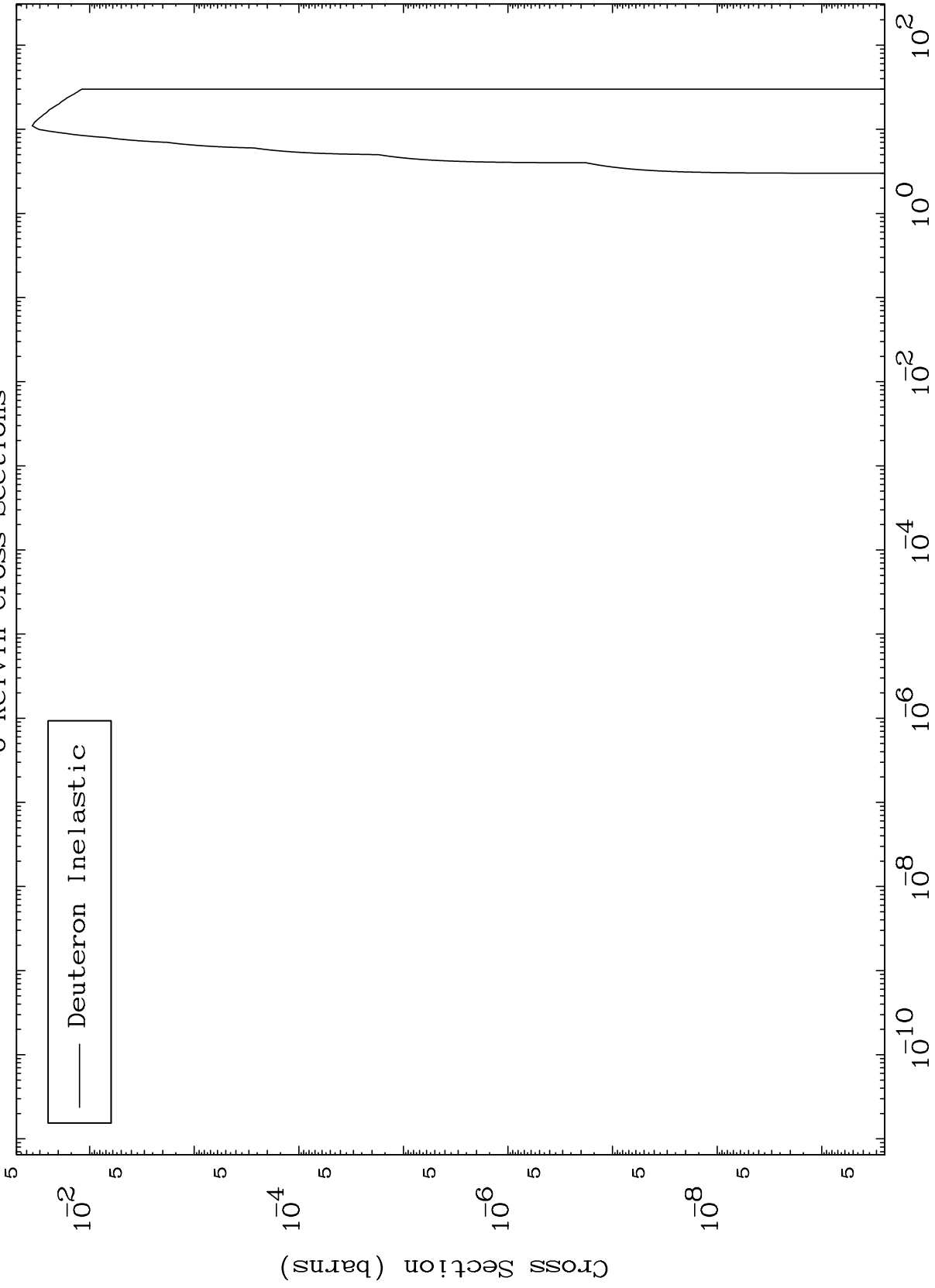




MAT 7922

(d,n') Level
0 Kelvin Cross Sections

79-Au-196



6

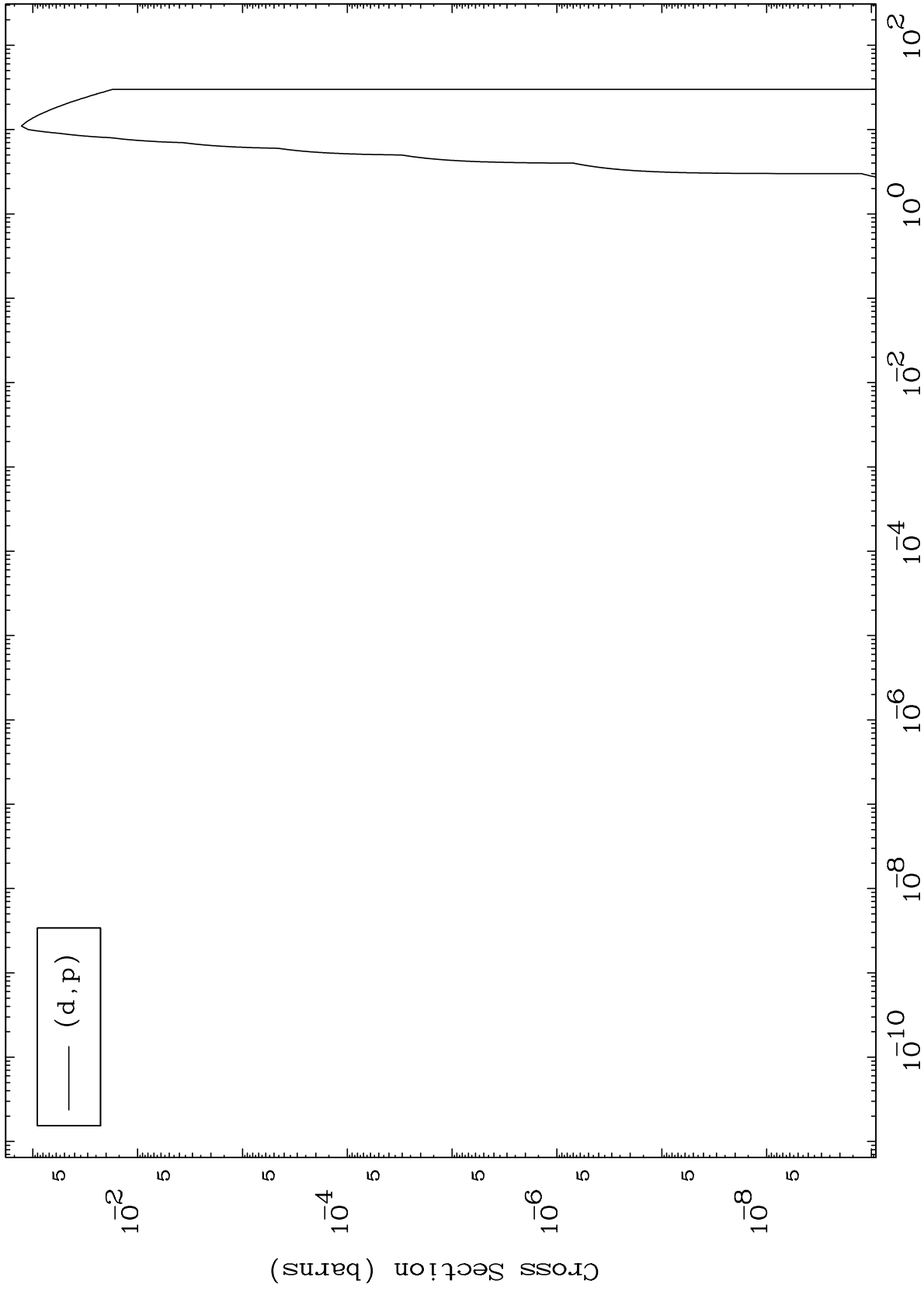
Incident Energy (MeV)

79-Au-196

MAT 7922

(d,p) Levels
0 Kelvin Cross Sections

79-Au-196



7

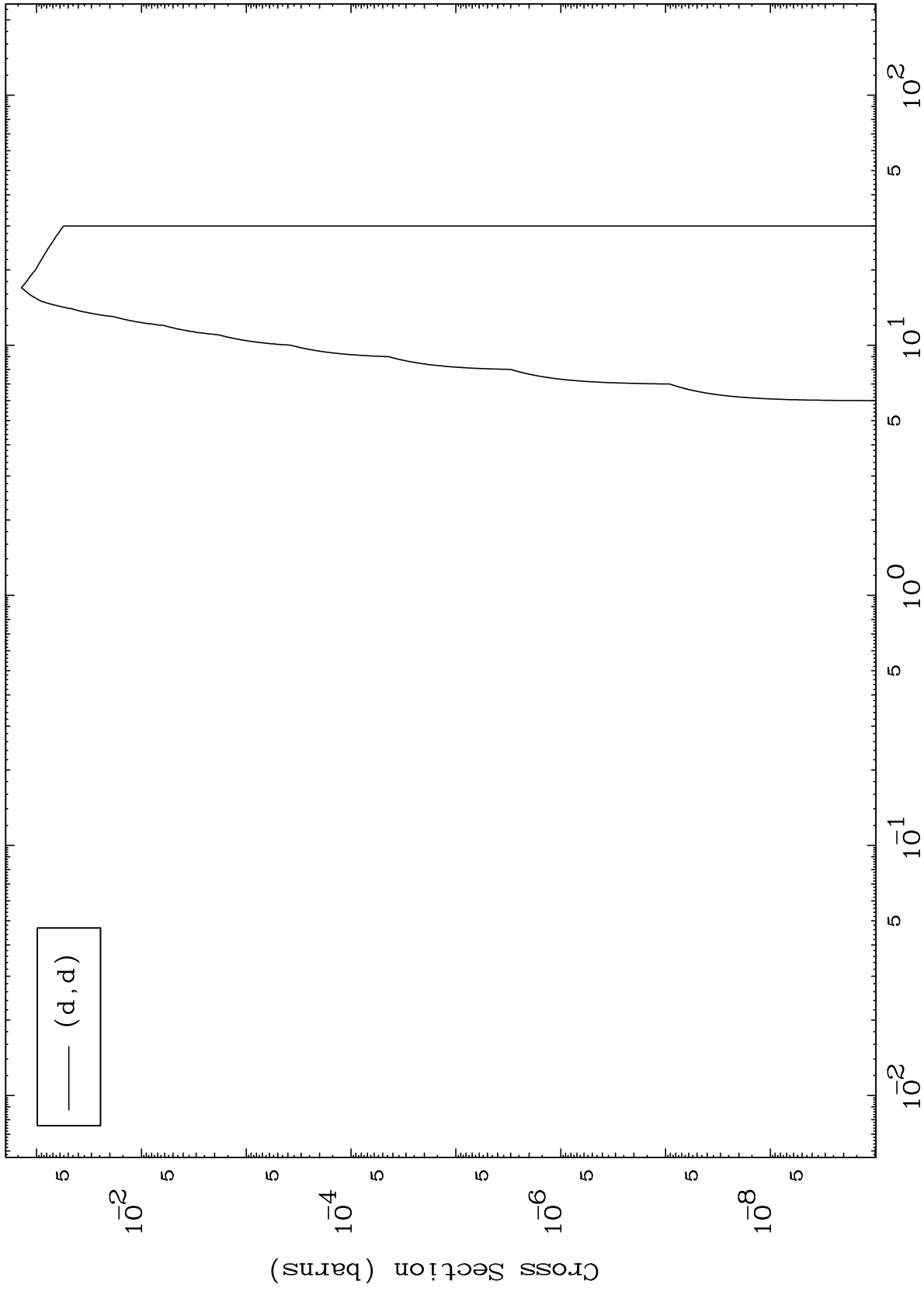
Incident Energy (MeV)

79-Au-196

MAT 7922

(d,d) Levels
0 Kelvin Cross Sections

79-Au-196



8

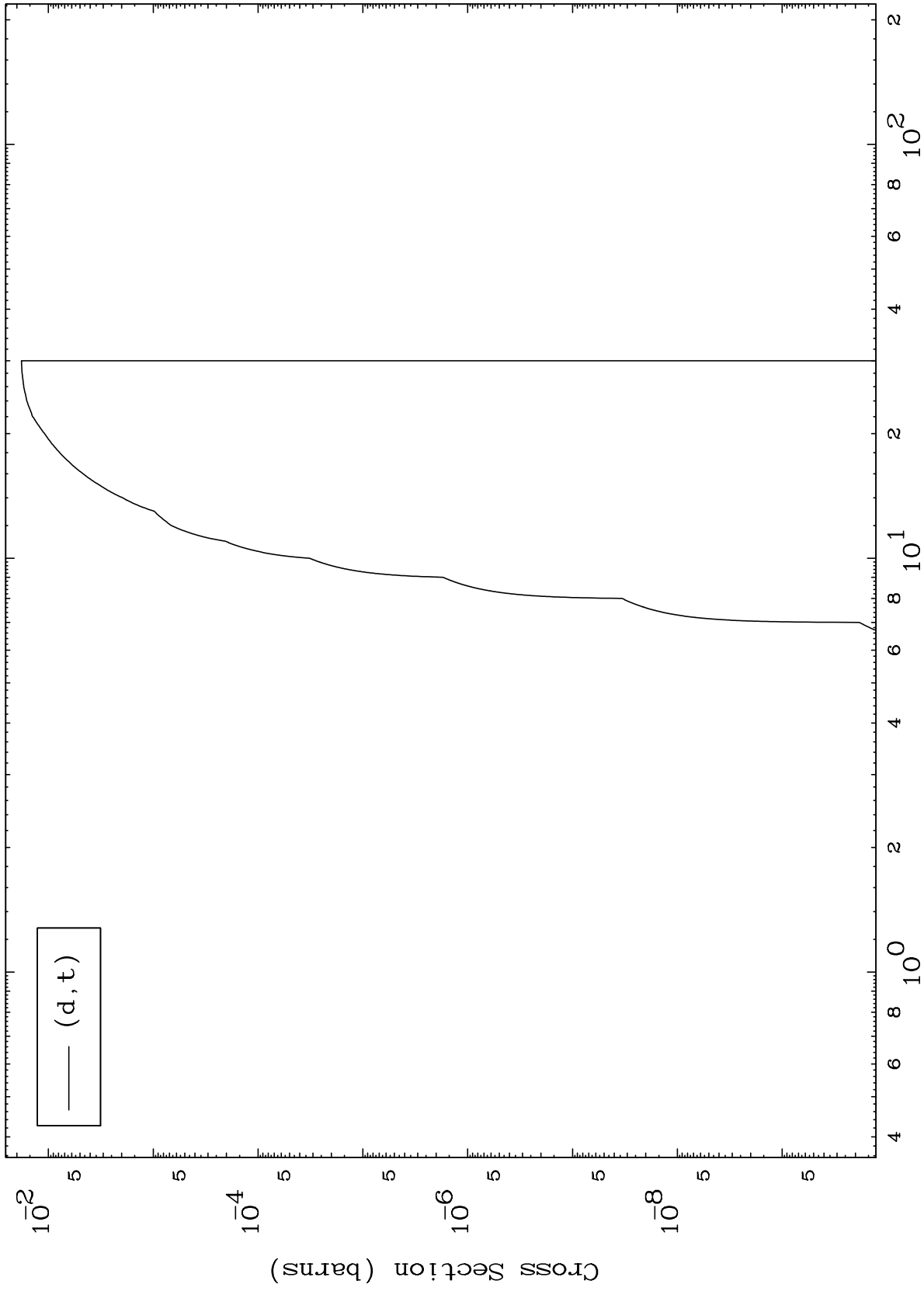
Incident Energy (MeV)

79-Au-196

MAT 7922

(d,t) Levels
0 Kelvin Cross Sections

79-Au-196



9

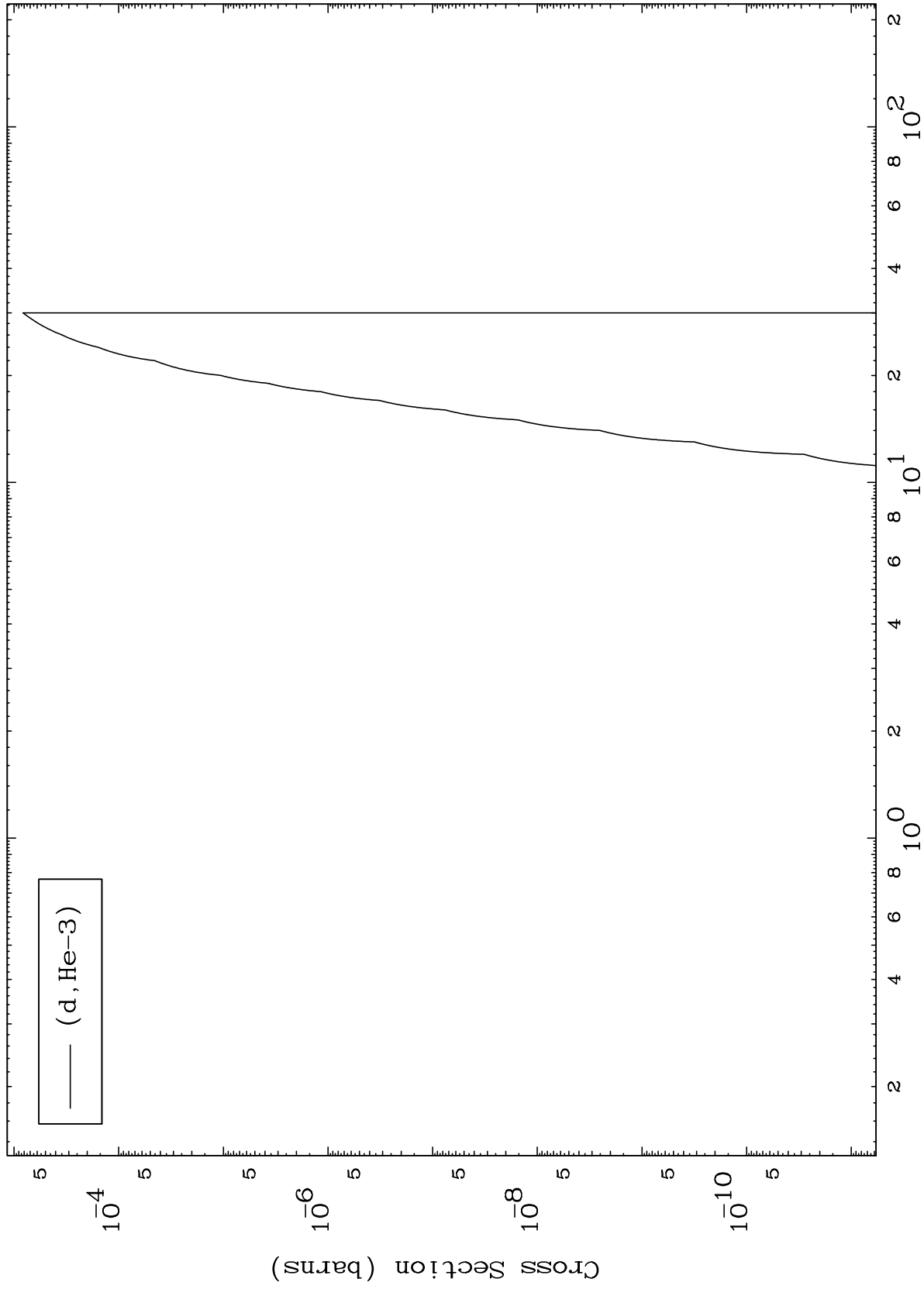
Incident Energy (MeV)

79-Au-196

MAT 7922

(d,He3) Levels
0 Kelvin Cross Sections

79-Au-196



10

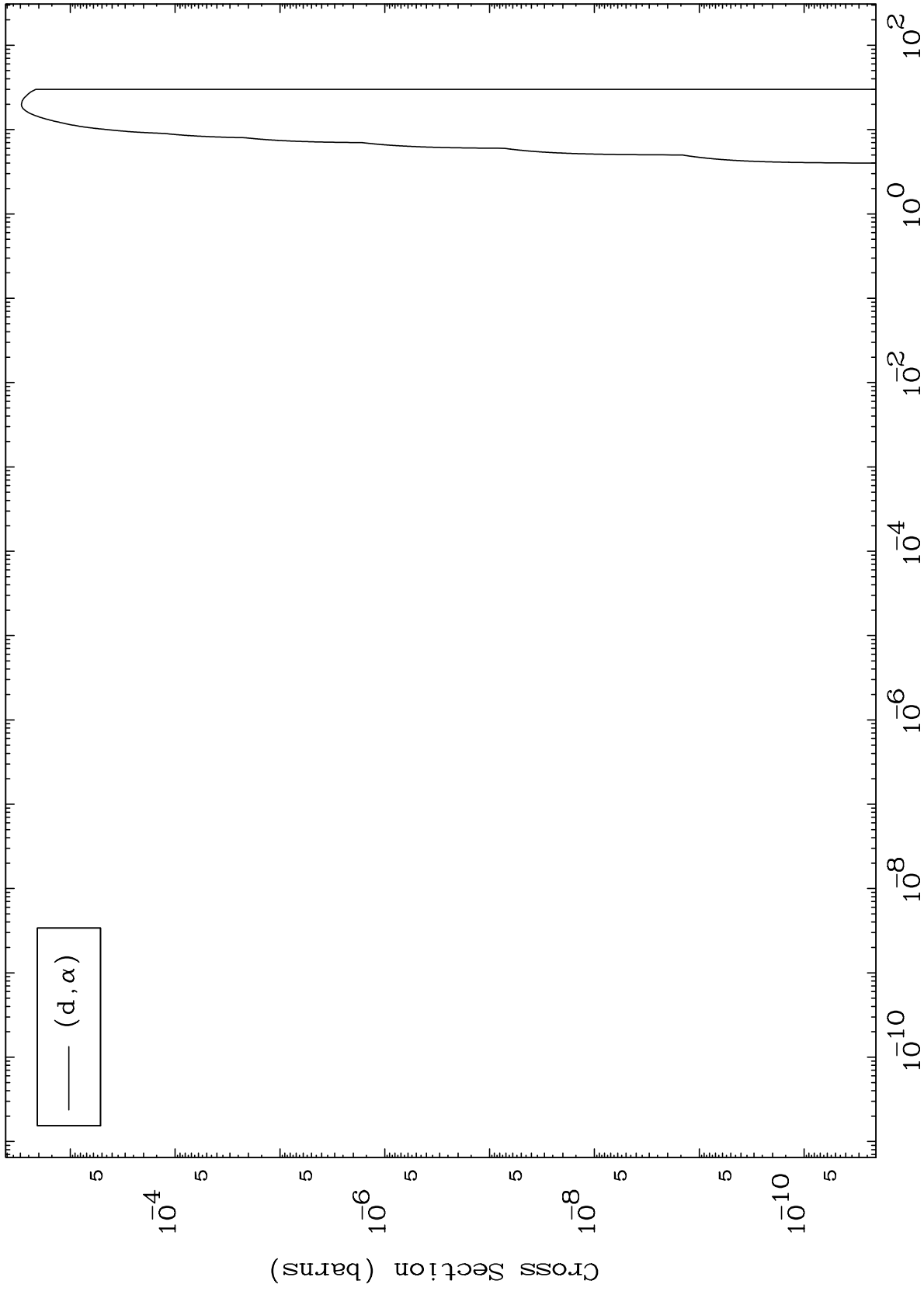
Incident Energy (MeV)

79-Au-196

MAT 7922

(d, α) Levels
0 Kelvin Cross Sections

79-Au-196



11

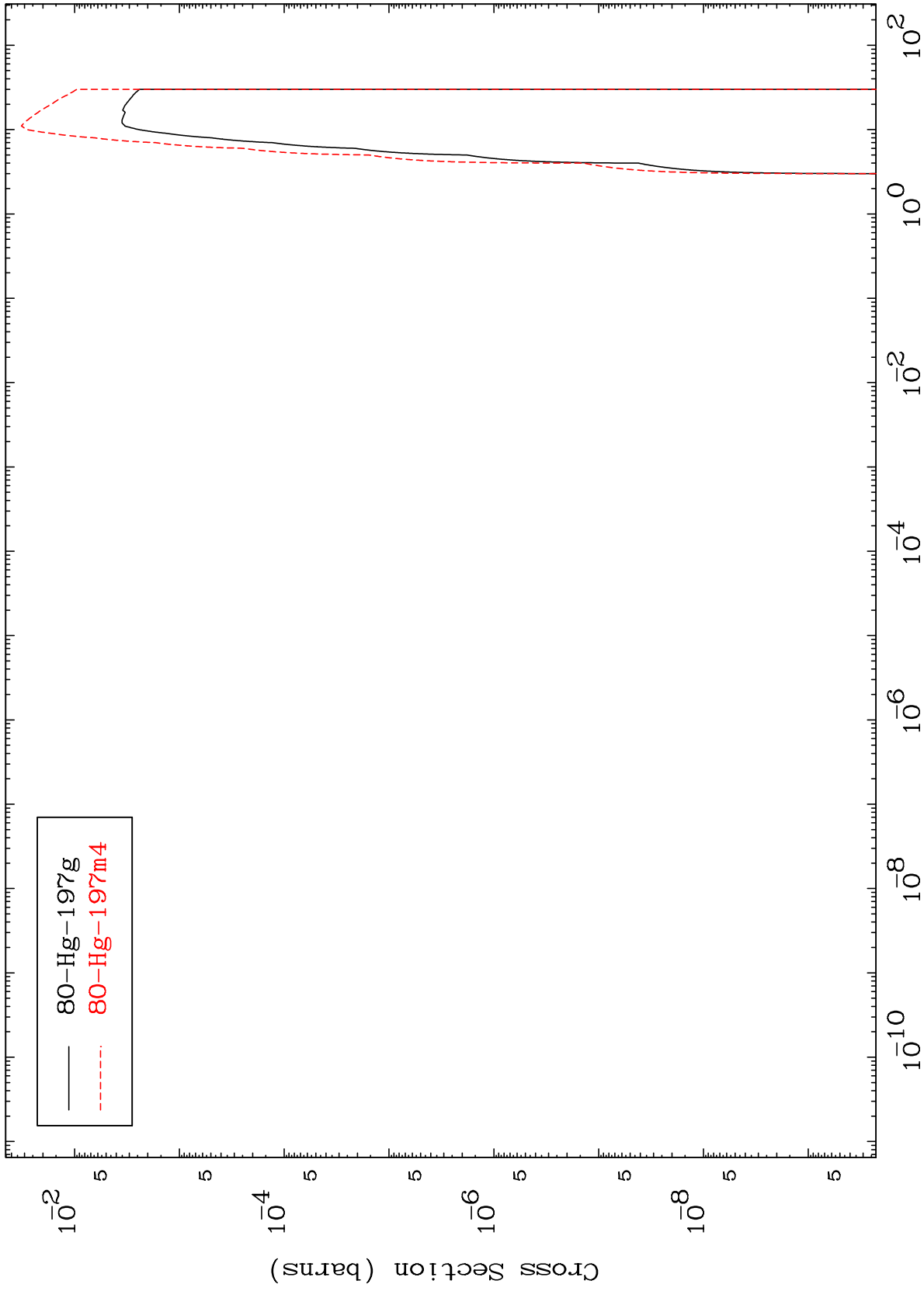
Incident Energy (MeV)

79-Au-196

MAT 7922

Deuteron Inelastic
Radionuclide Production Cross Section

79-Au-196



12

Incident Energy (MeV)

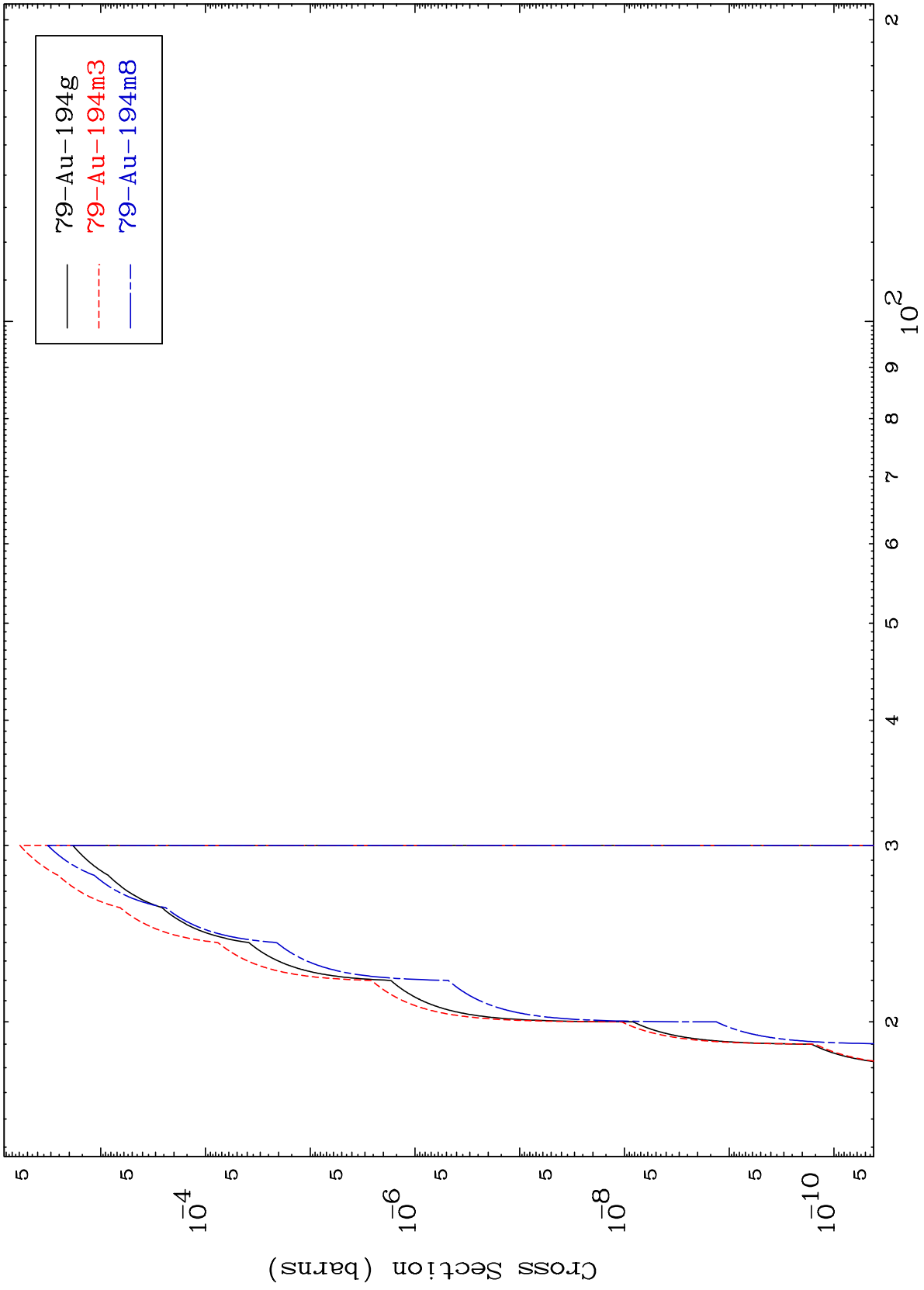
79-Au-196

MAT 7922

(d,2n) d

⁷⁹Au-196

Radionuclide Production Cross Section



13

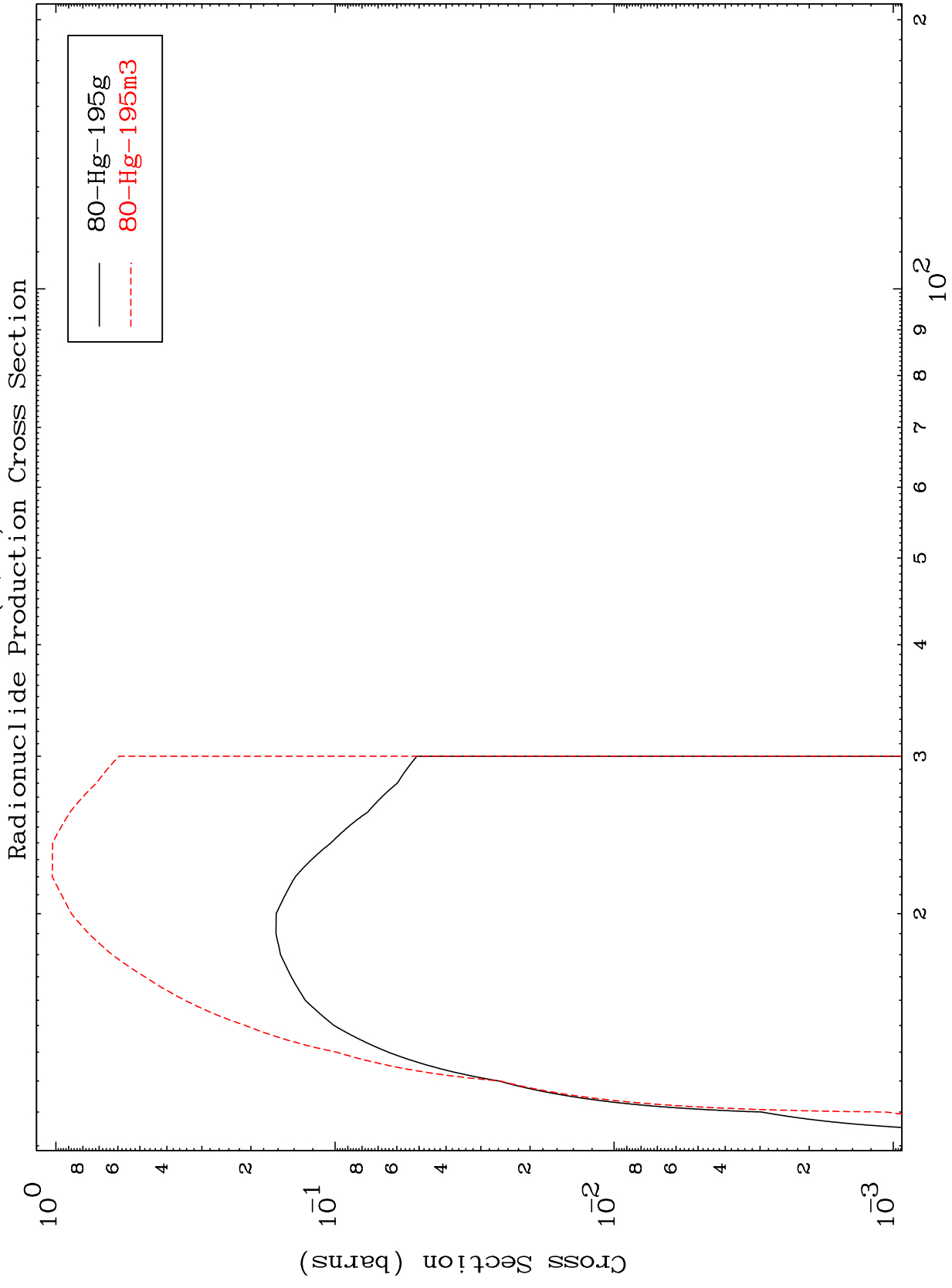
Incident Energy (MeV)

⁷⁹Au-196

MAT 7922

(d,3n)

79-Au-196



14

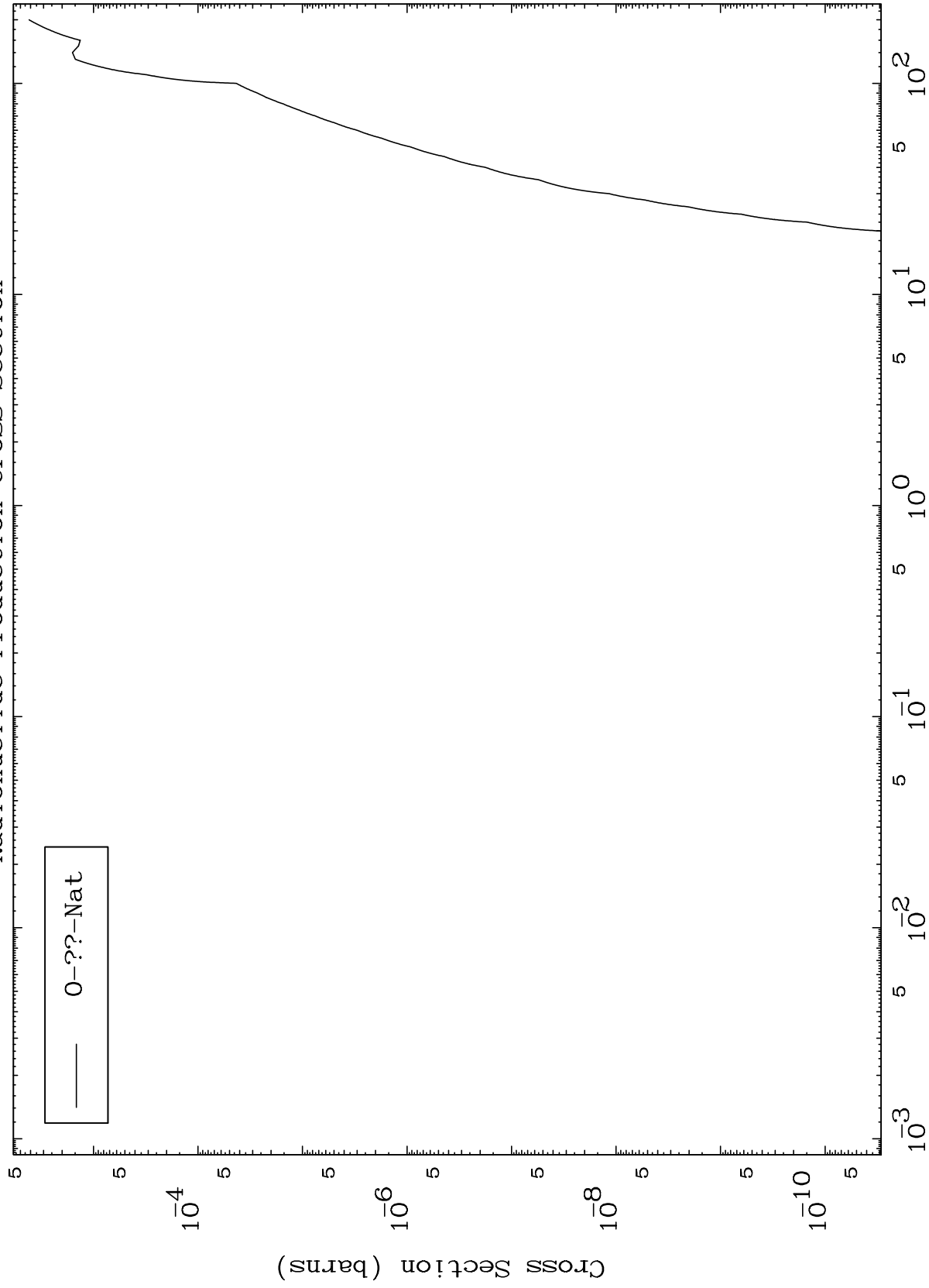
Incident Energy (MeV)

79-Au-196

MAT 7922

Deuteron Fission
Radionuclide Production Cross Section

79-Au-196



15

Incident Energy (MeV)

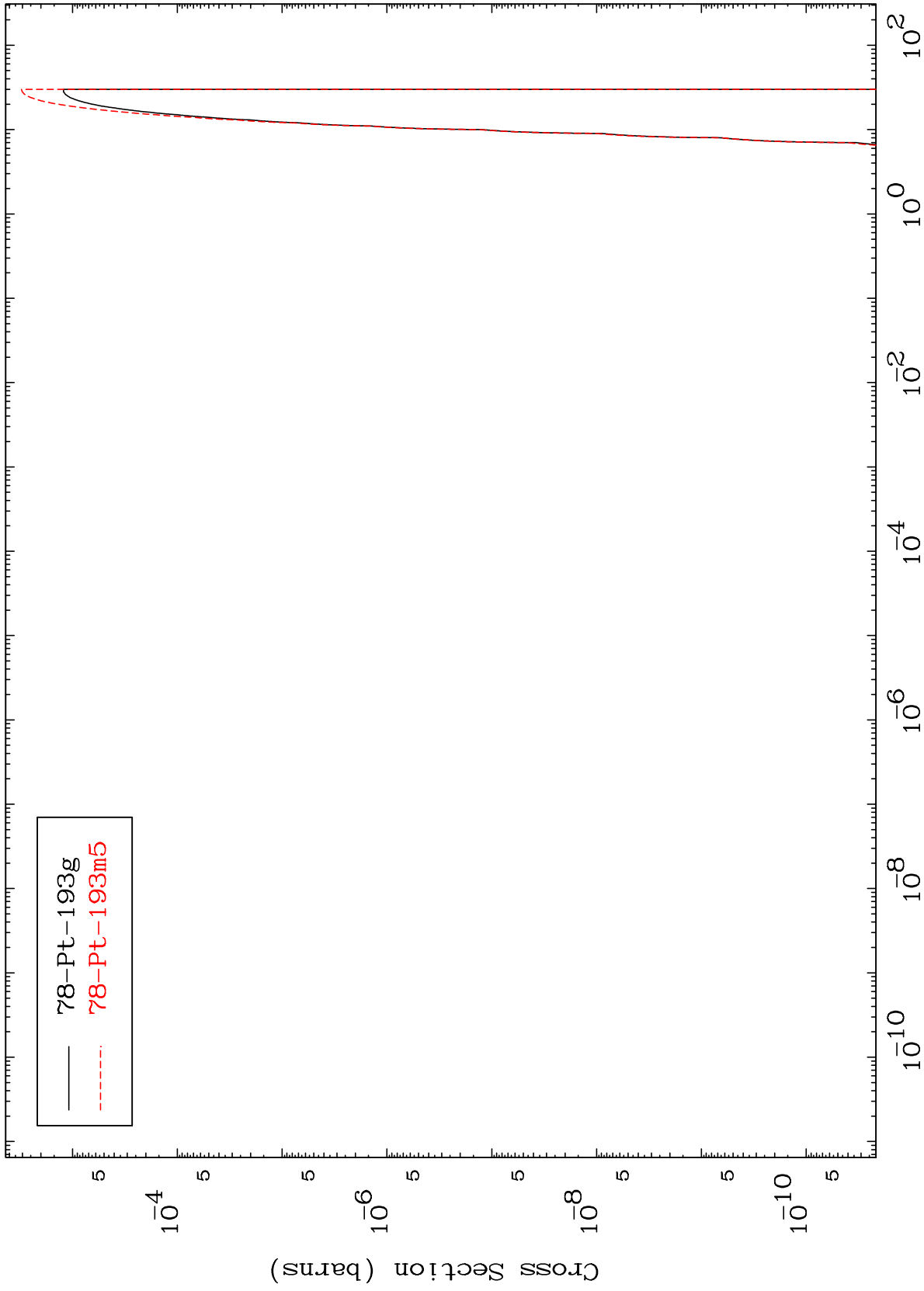
79-Au-196

MAT 7922

(d,n') α

79-Au-196

Radionuclide Production Cross Section



16

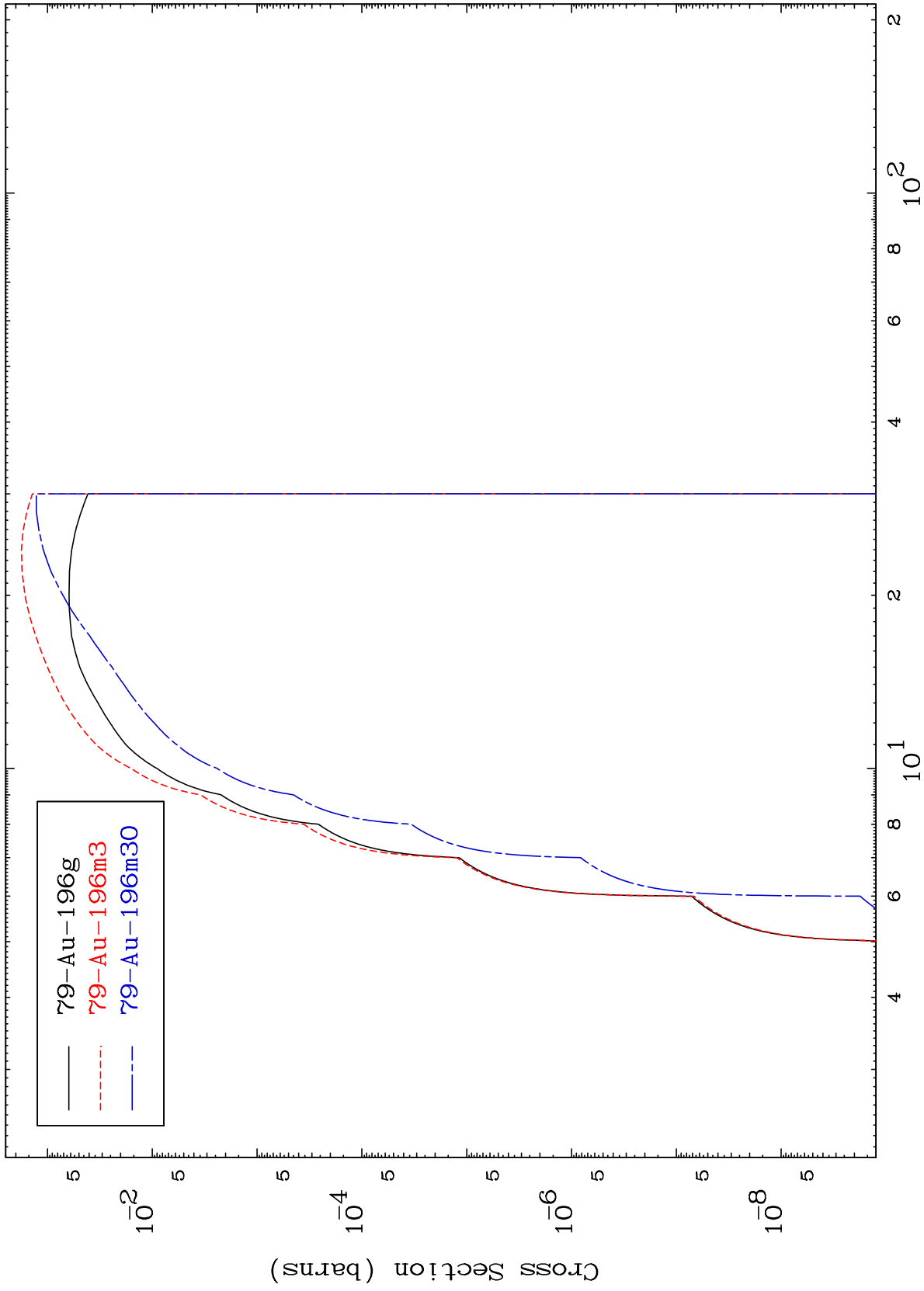
Incident Energy (MeV)

79-Au-196

MAT 7922

⁷⁹Au-196

(d,n') p
Radionuclide Production Cross Section



17

Incident Energy (MeV)

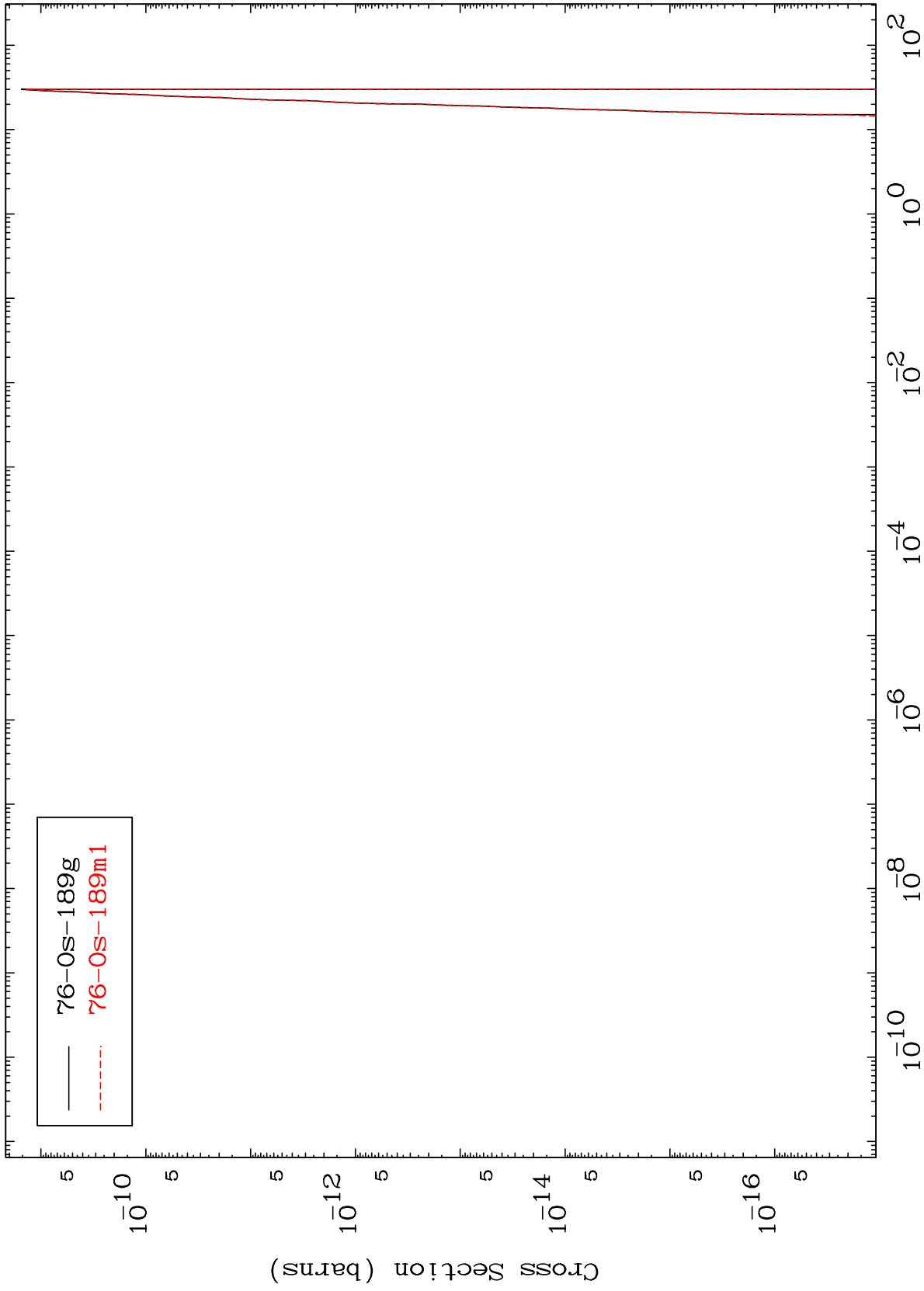
⁷⁹Au-196

MAT 7922

(d,n') 2 α

⁷⁹Au-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

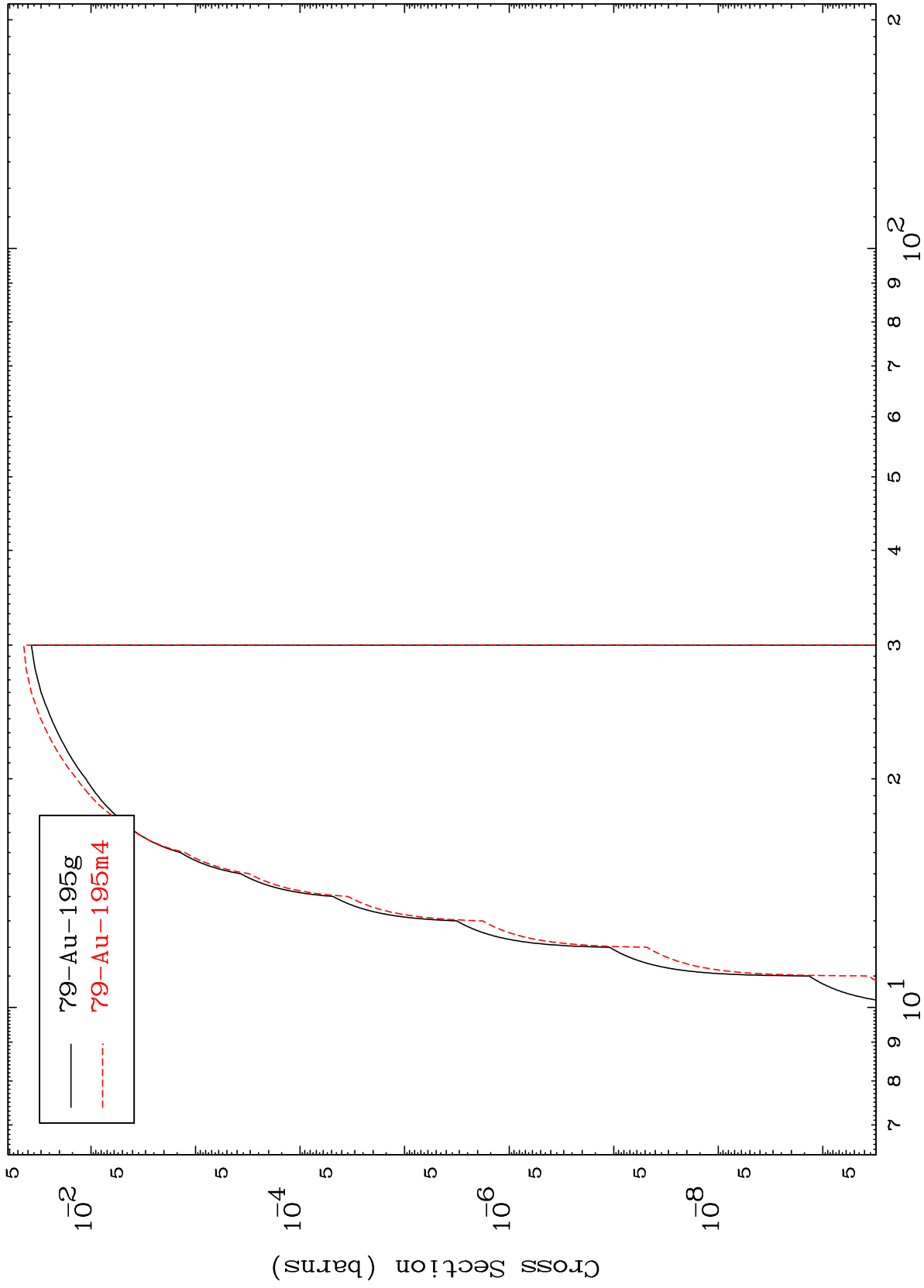
⁷⁹Au-196

MAT 7922

(d,n') d

⁷⁹Au-196

Radionuclide Production Cross Section



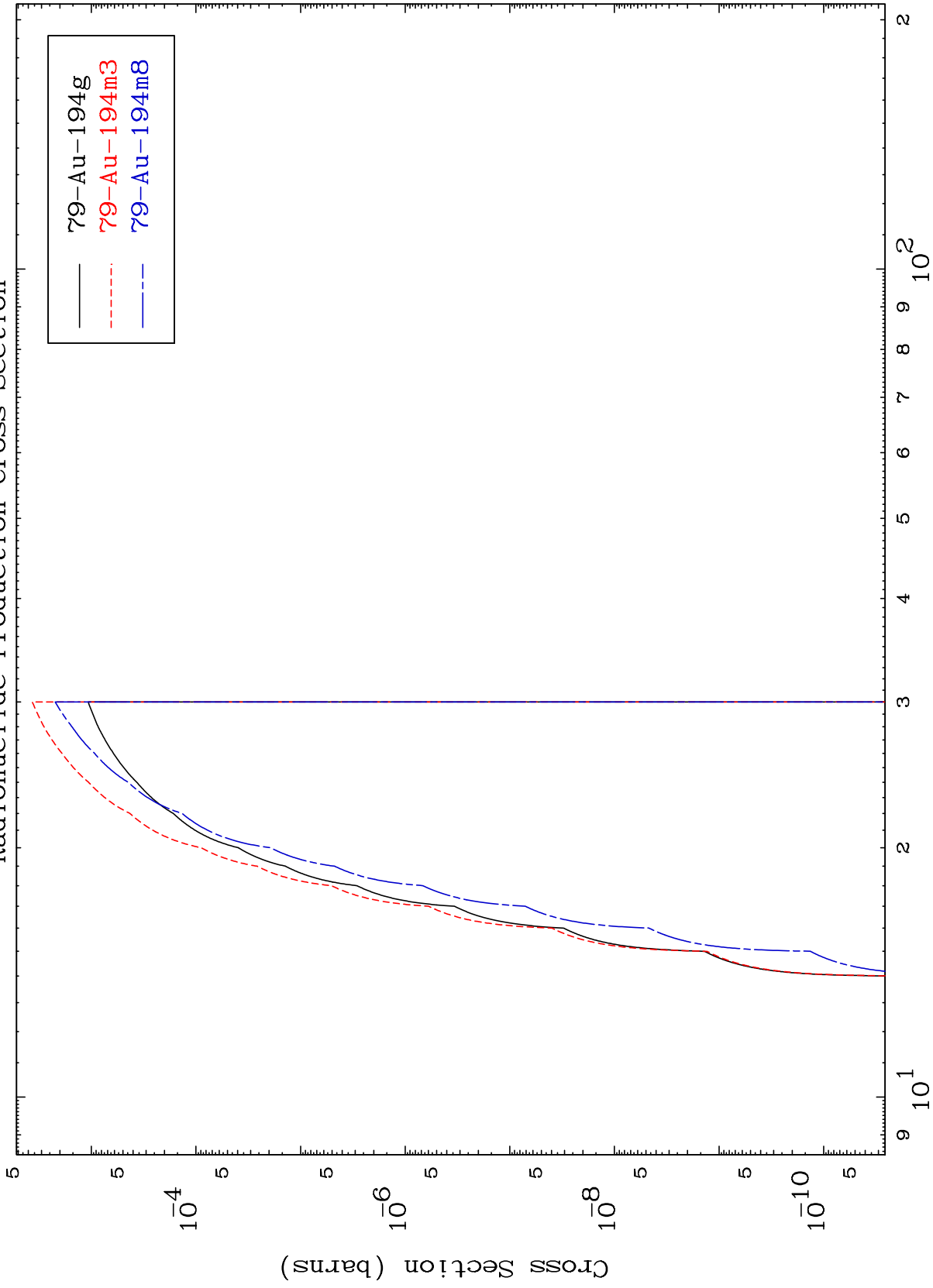
19

MAT 7922

(d,n') t

⁷⁹Au-¹⁹⁶

Radionuclide Production Cross Section



20

Incident Energy (MeV)

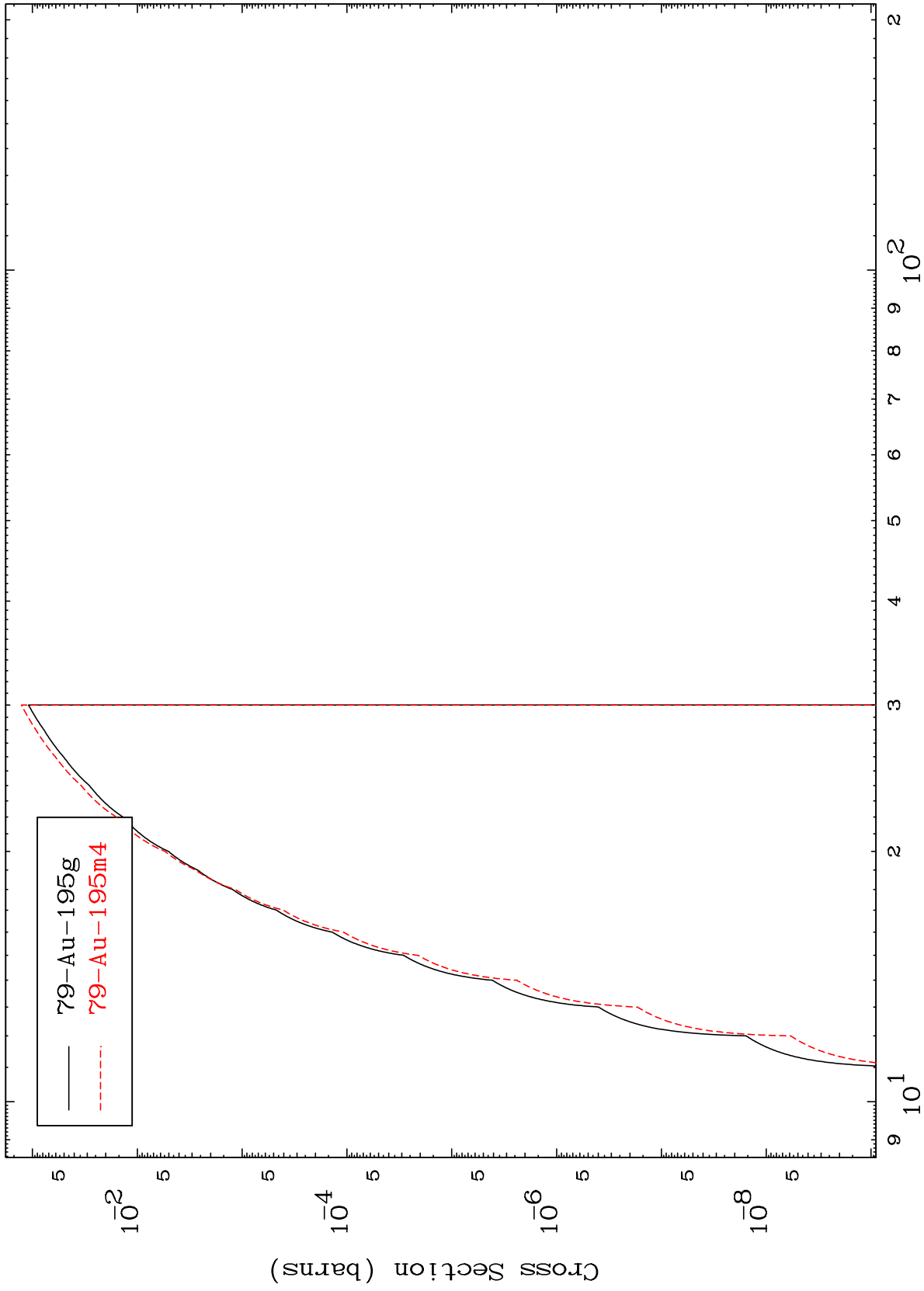
⁷⁹Au-¹⁹⁶

MAT 7922

(d,2n) p

⁷⁹Au-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

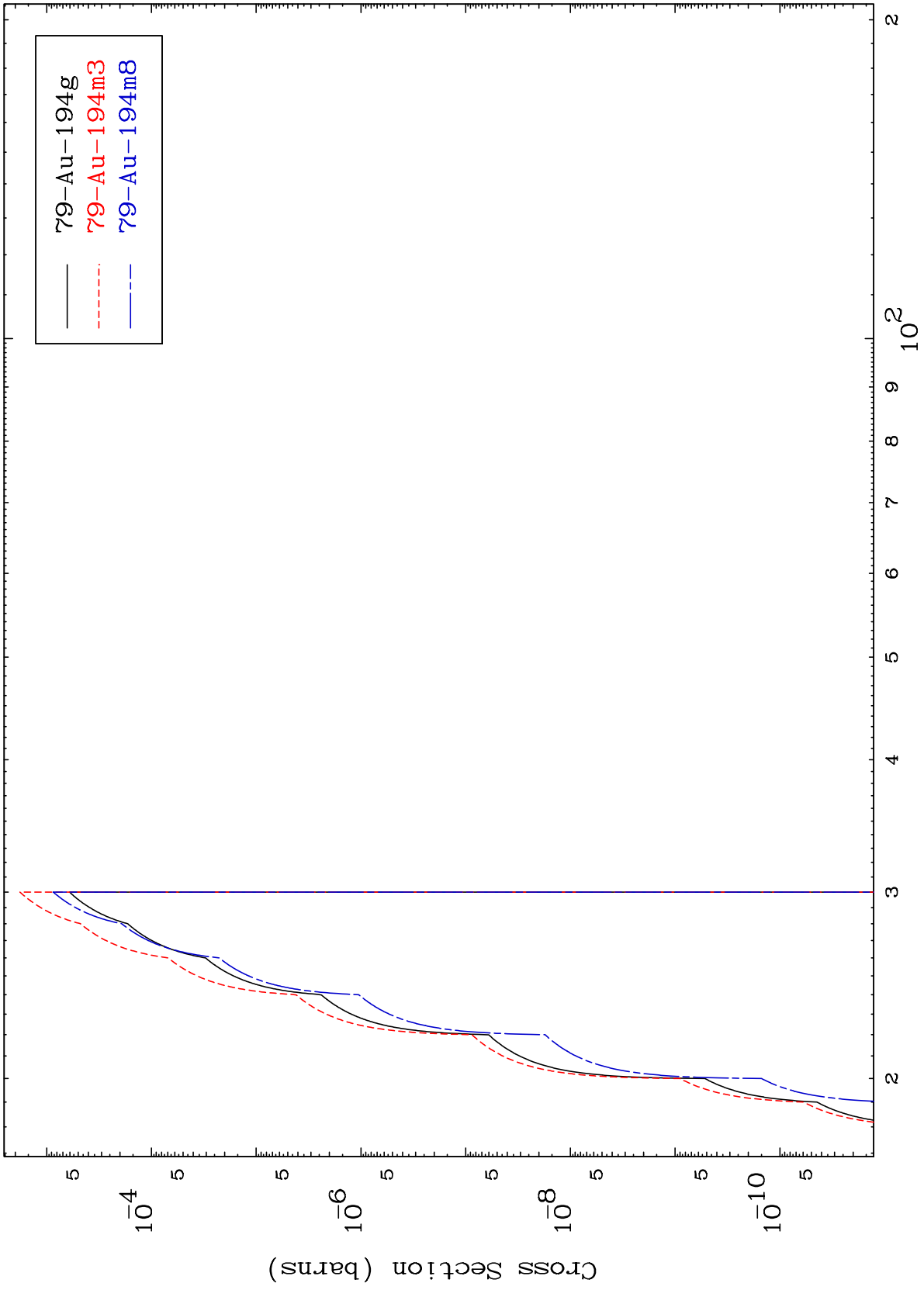
⁷⁹Au-196

MAT 7922

(d,3n) p

⁷⁹Au-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

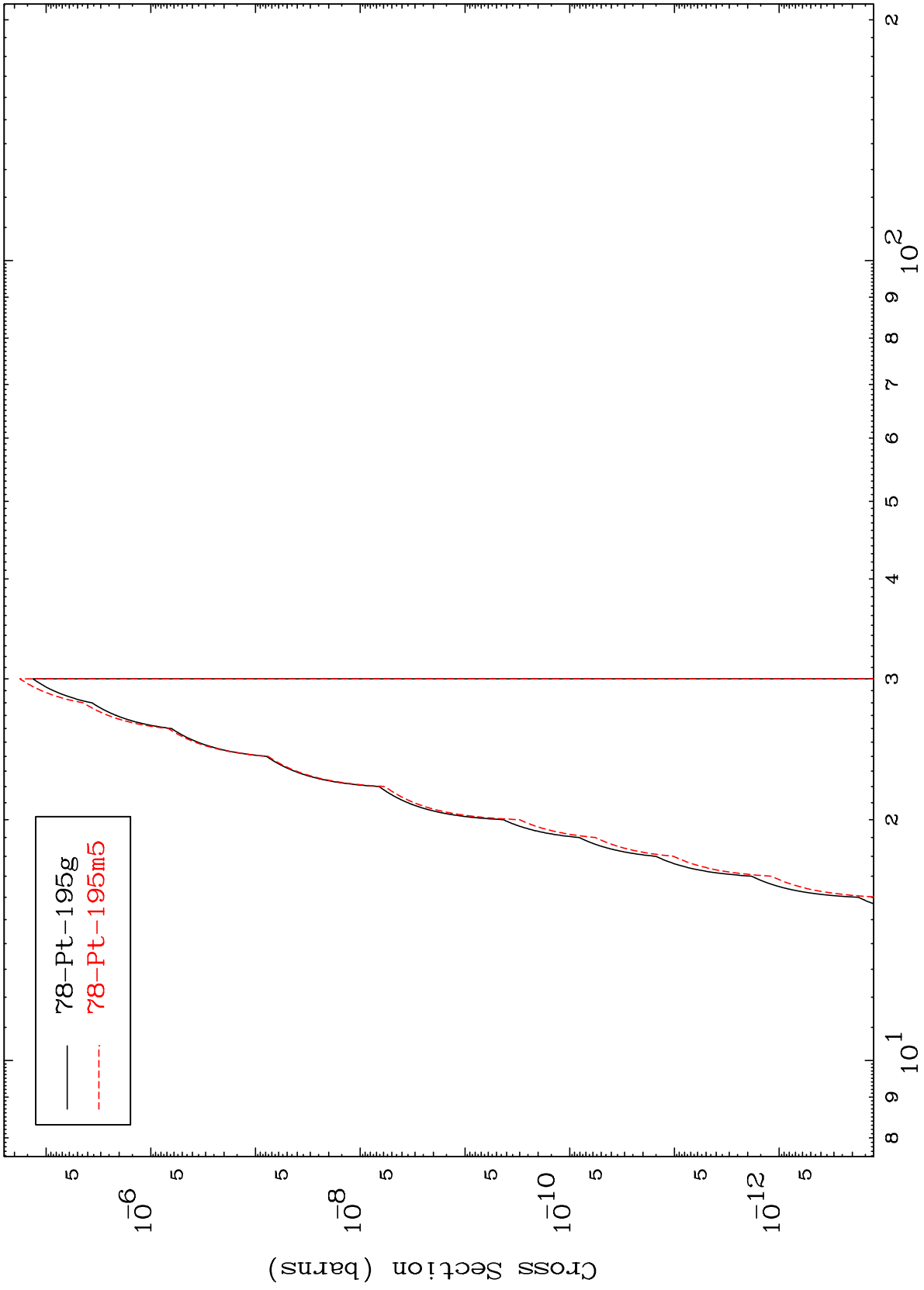
⁷⁹Au-196

MAT 7922

(d,2n) p

⁷⁹Au-196

Radionuclide Production Cross Section



23

Incident Energy (MeV)

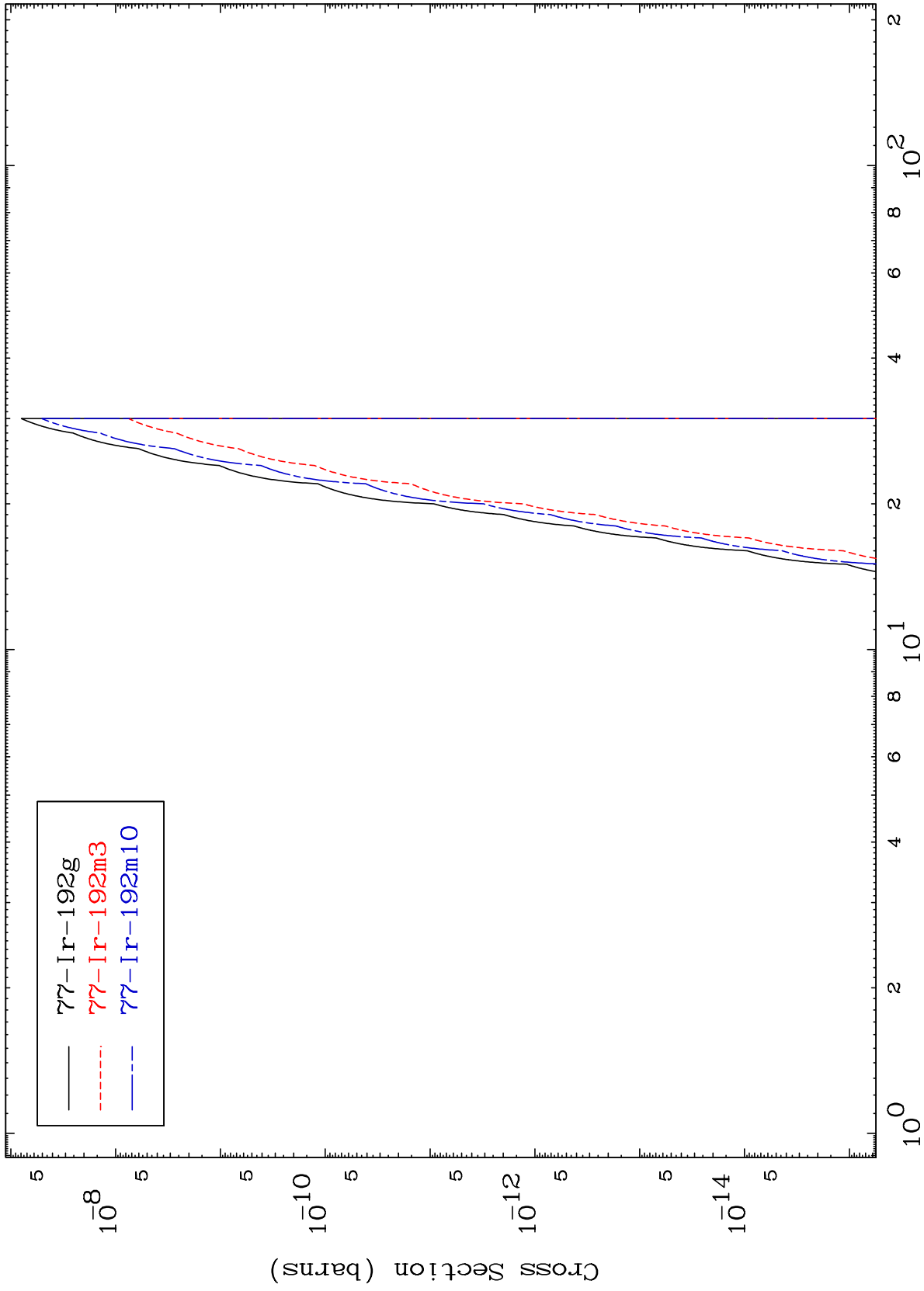
⁷⁹Au-196

MAT 7922

(d,n') p α

79-Au-196

Radionuclide Production Cross Section



24

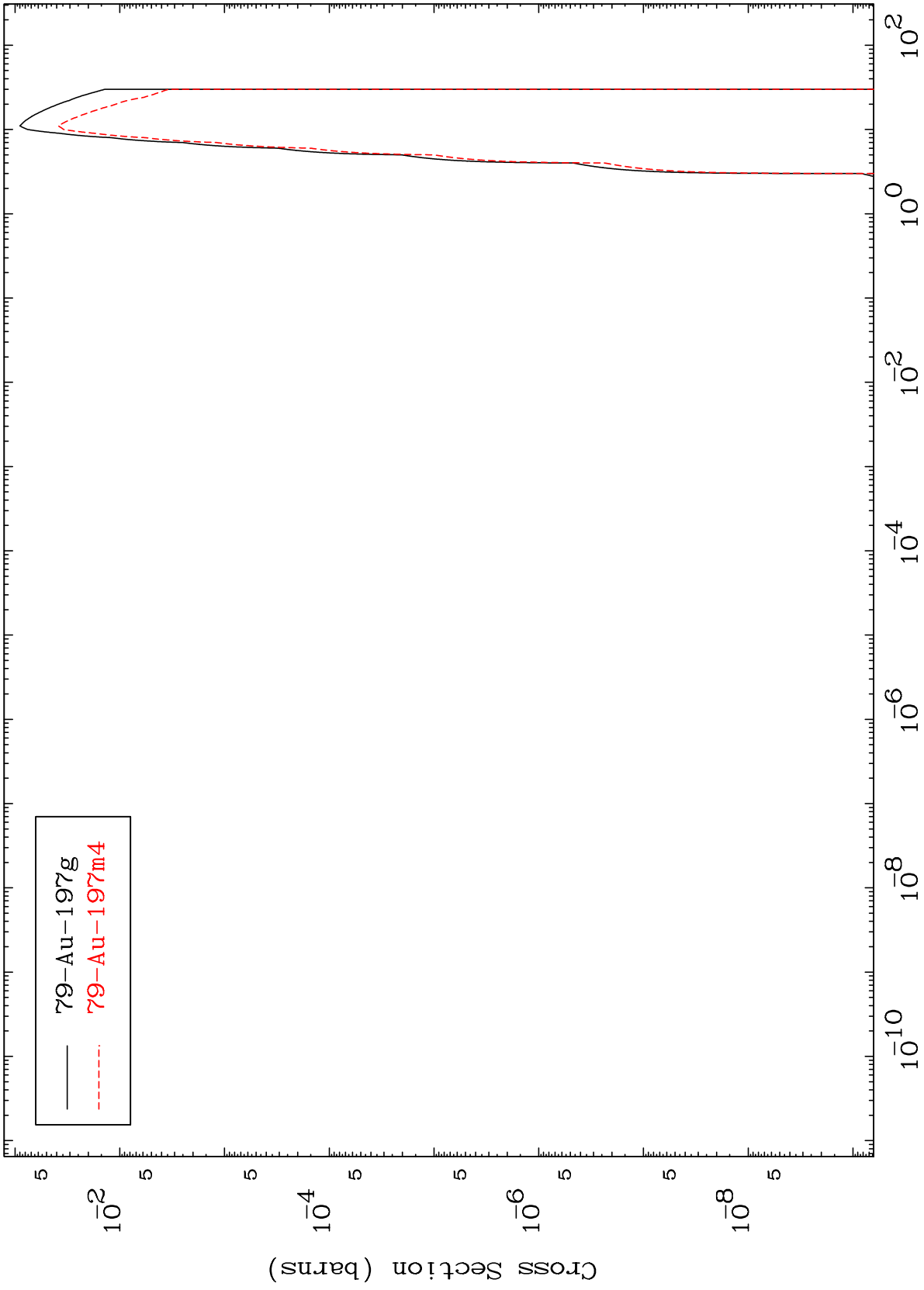
Incident Energy (MeV)

79-Au-196

MAT 7922

(d,p)
Radionuclide Production Cross Section

⁷⁹Au-196



25

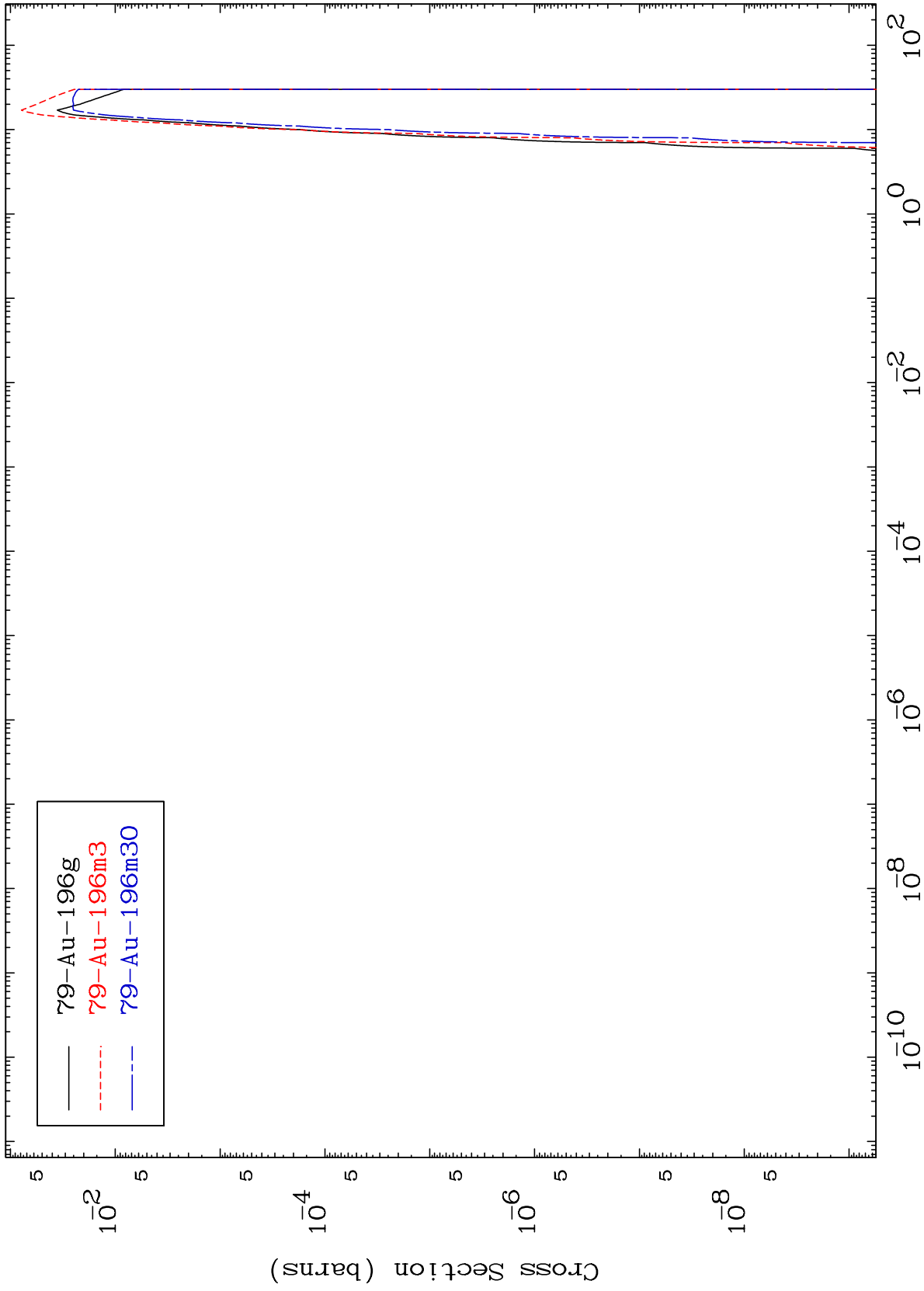
⁷⁹Au-196

MAT 7922

(d,d)

Radionuclide Production Cross Section

⁷⁹Au-196



26

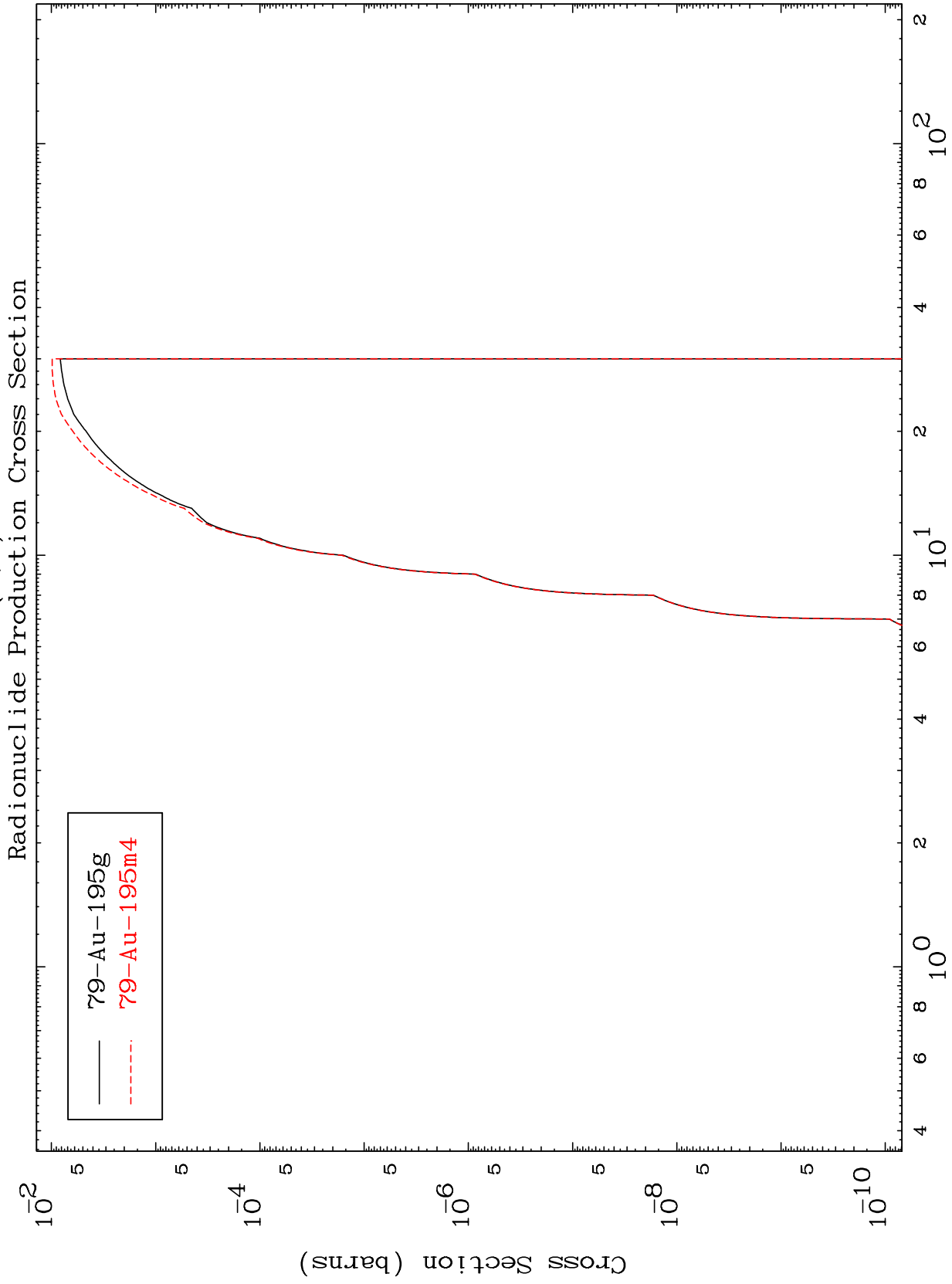
Incident Energy (MeV)

⁷⁹Au-196

MAT 7922

(d, t)

79-Au-196



27

79-Au-196

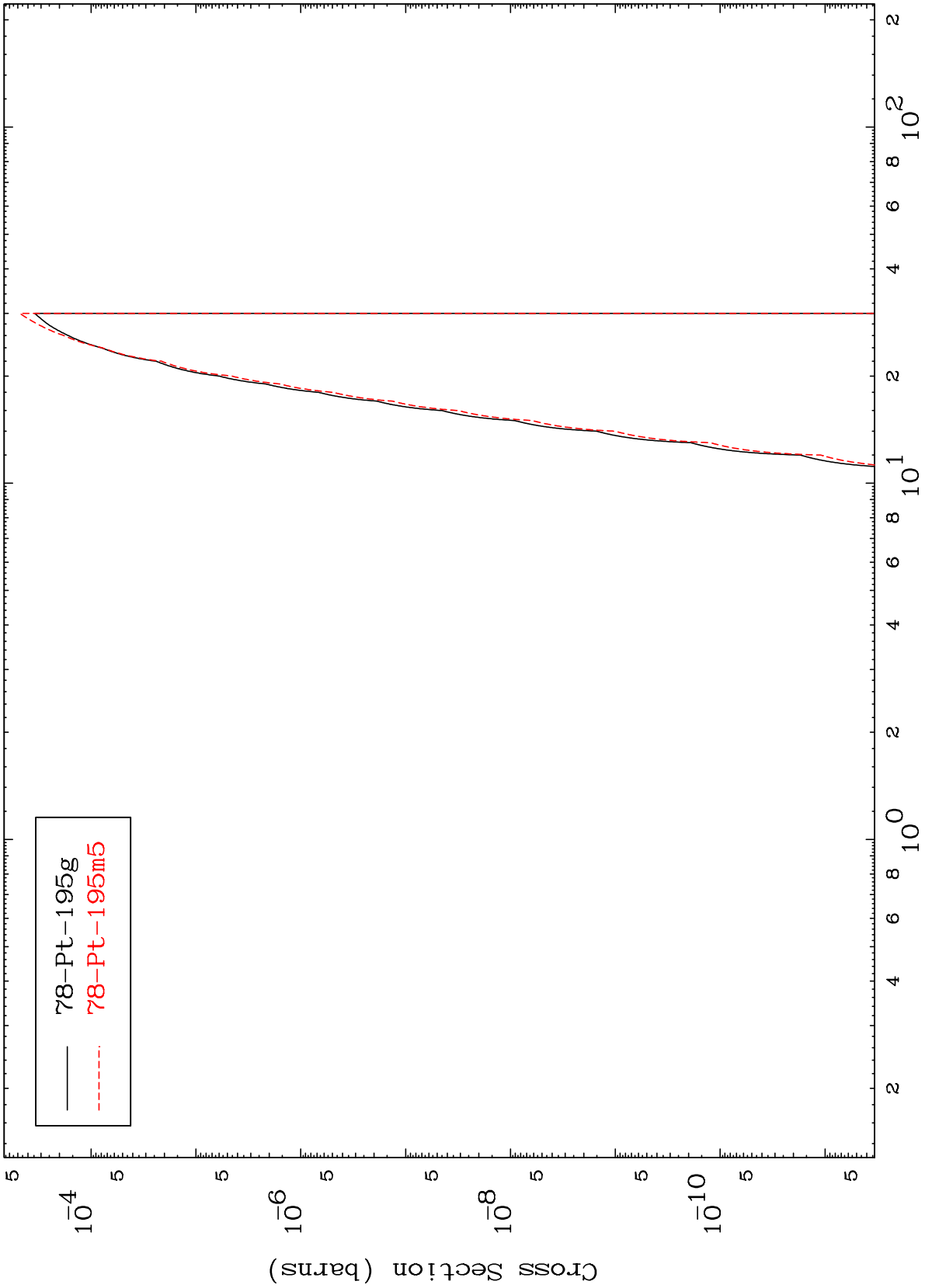
79-Au-196

MAT 7922

(d, He-3)

79-Au-196

Radionuclide Production Cross Section



78-Pt-195g
78-Pt-195m5

28

Incident Energy (MeV)

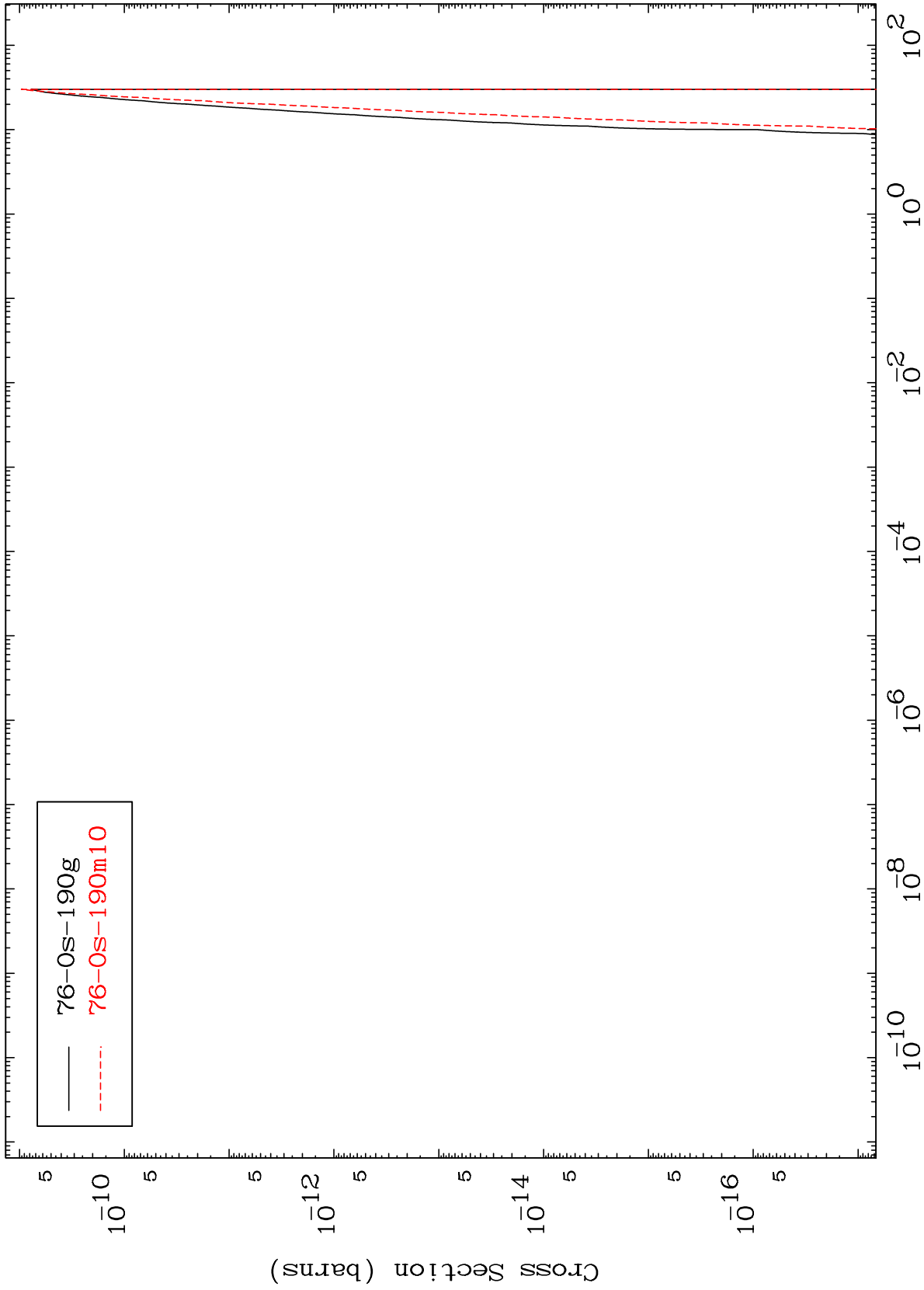
79-Au-196

MAT 7922

(d,2α)

79-Au-196

Radionuclide Production Cross Section



29

Incident Energy (MeV)

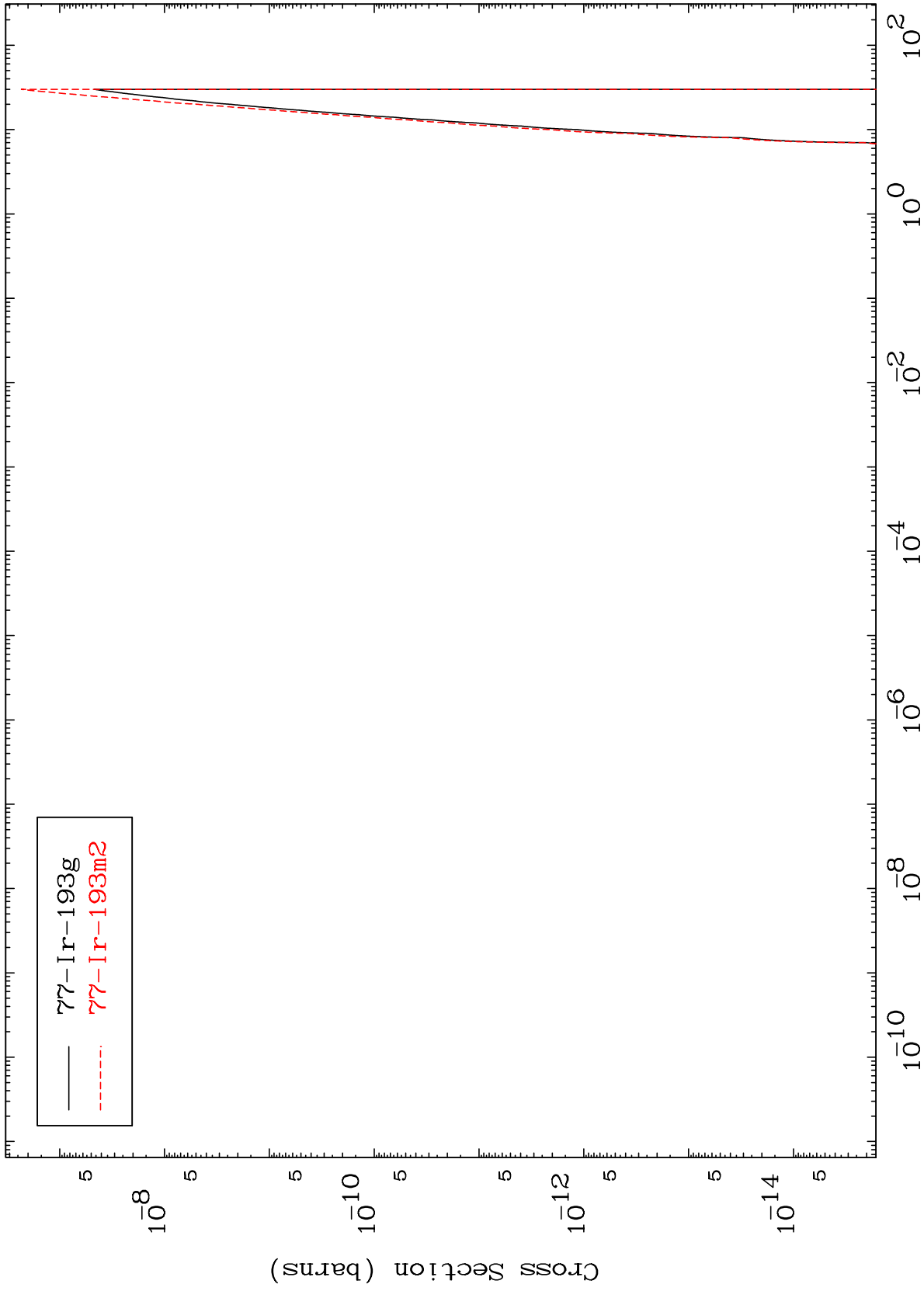
79-Au-196

MAT 7922

(d,p) α

79-Au-196

Radionuclide Production Cross Section



30

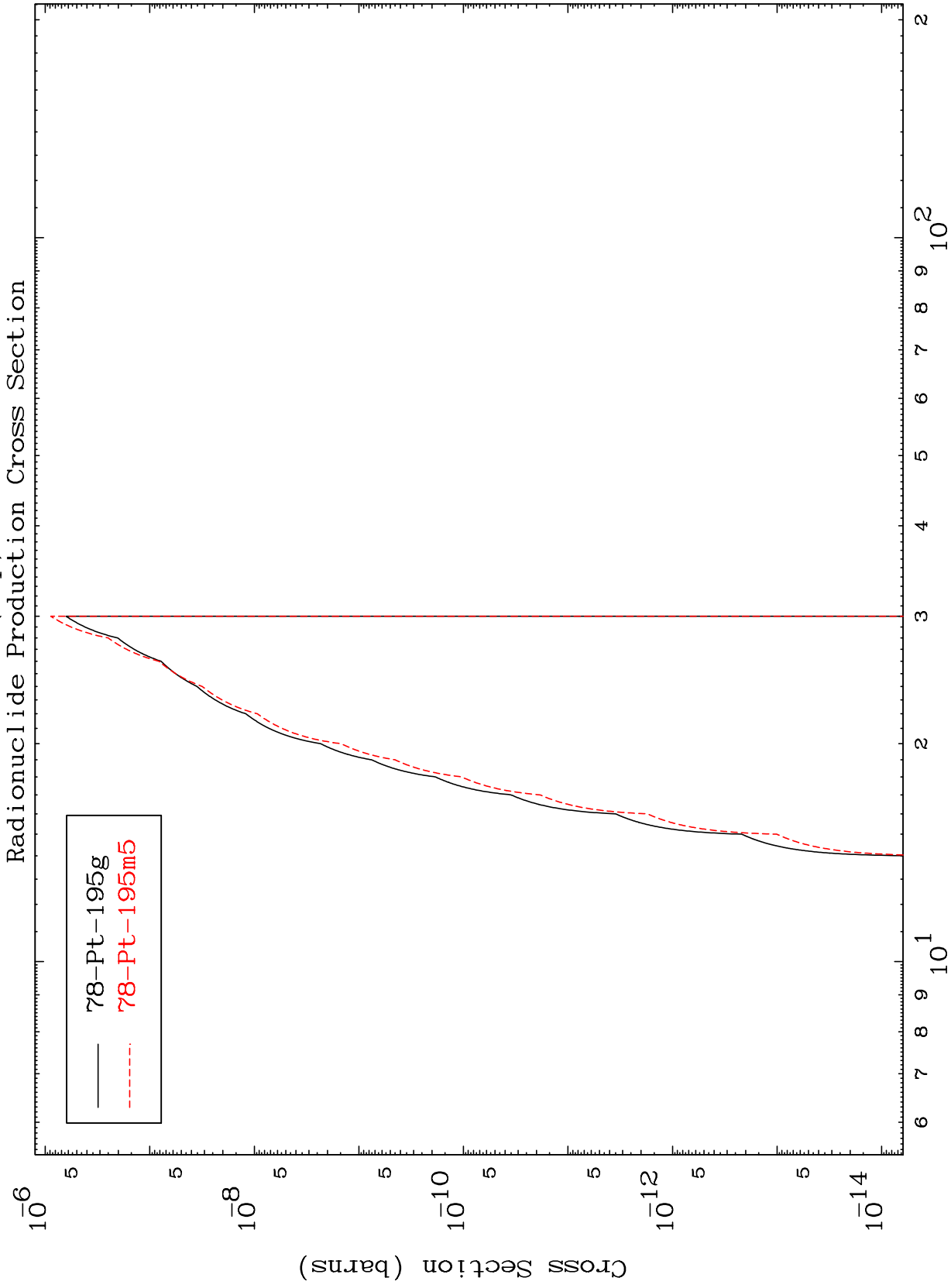
Incident Energy (MeV)

79-Au-196

MAT 7922

(d,p) d

79-Au-196



31

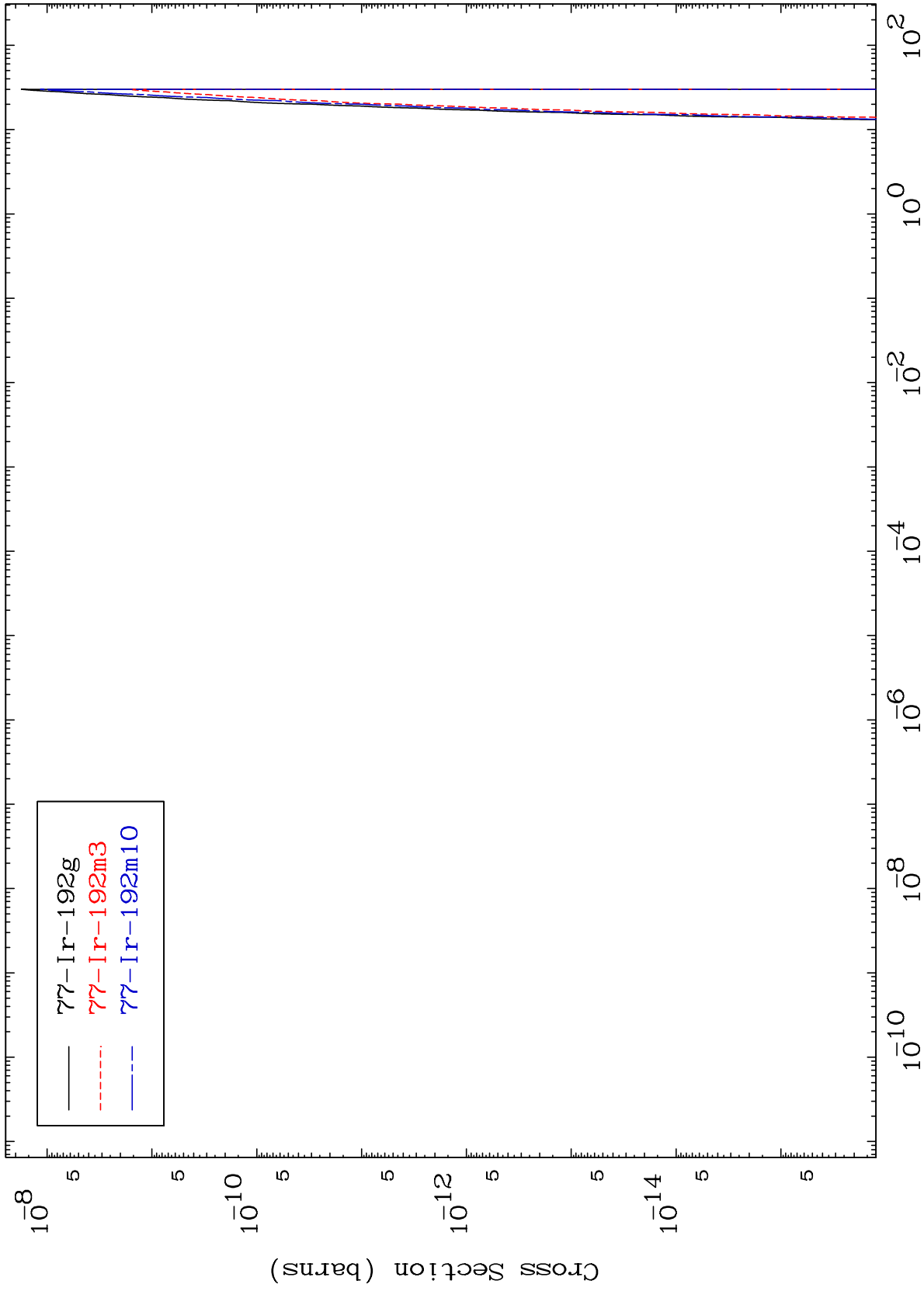
79-Au-196

MAT 7922

(d,d) α

⁷⁹Au-196

Radionuclide Production Cross Section



32

Incident Energy (MeV)

⁷⁹Au-196