

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

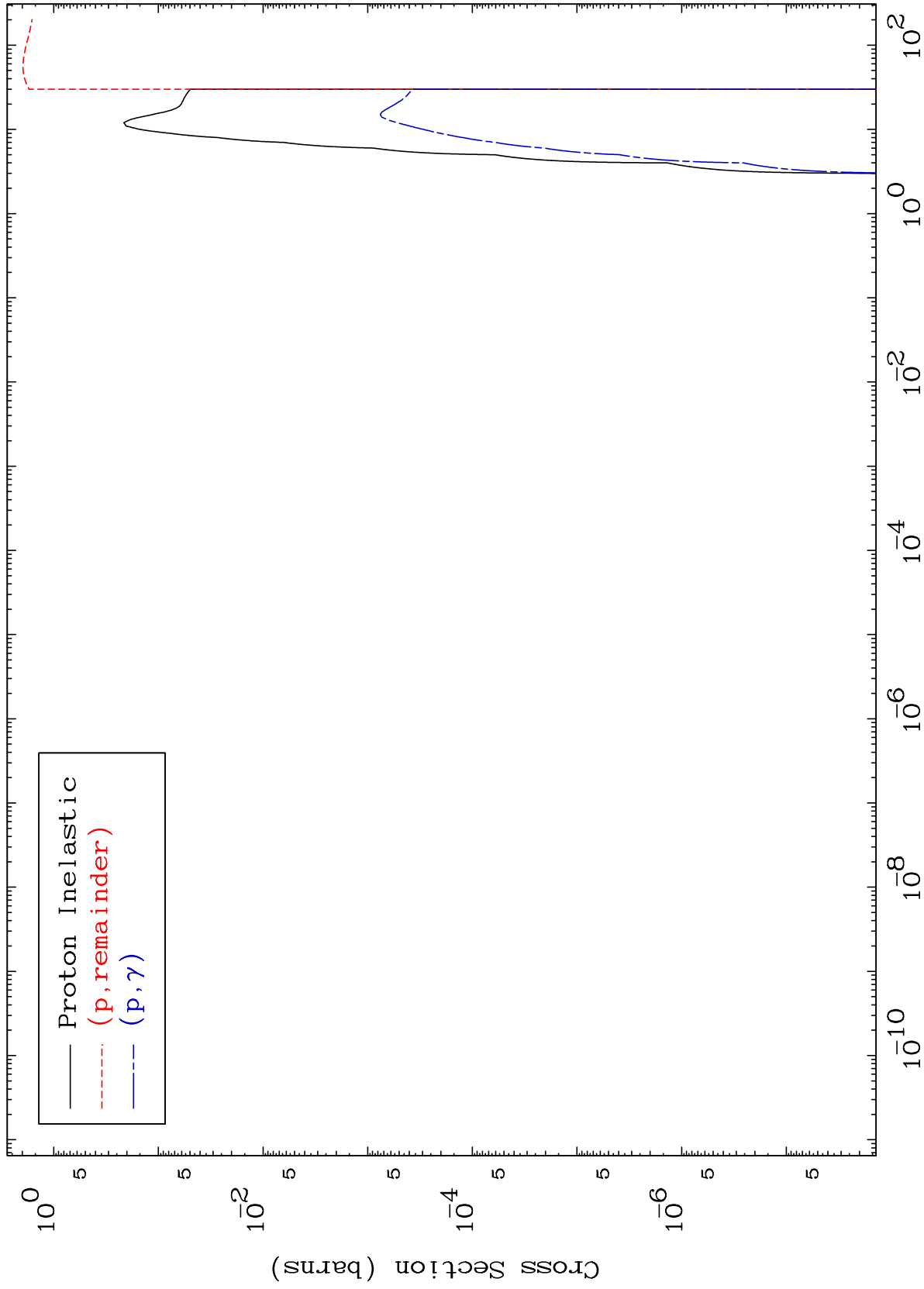
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7924

Proton Major
0 Kelvin Cross Sections

79-Au-196



1

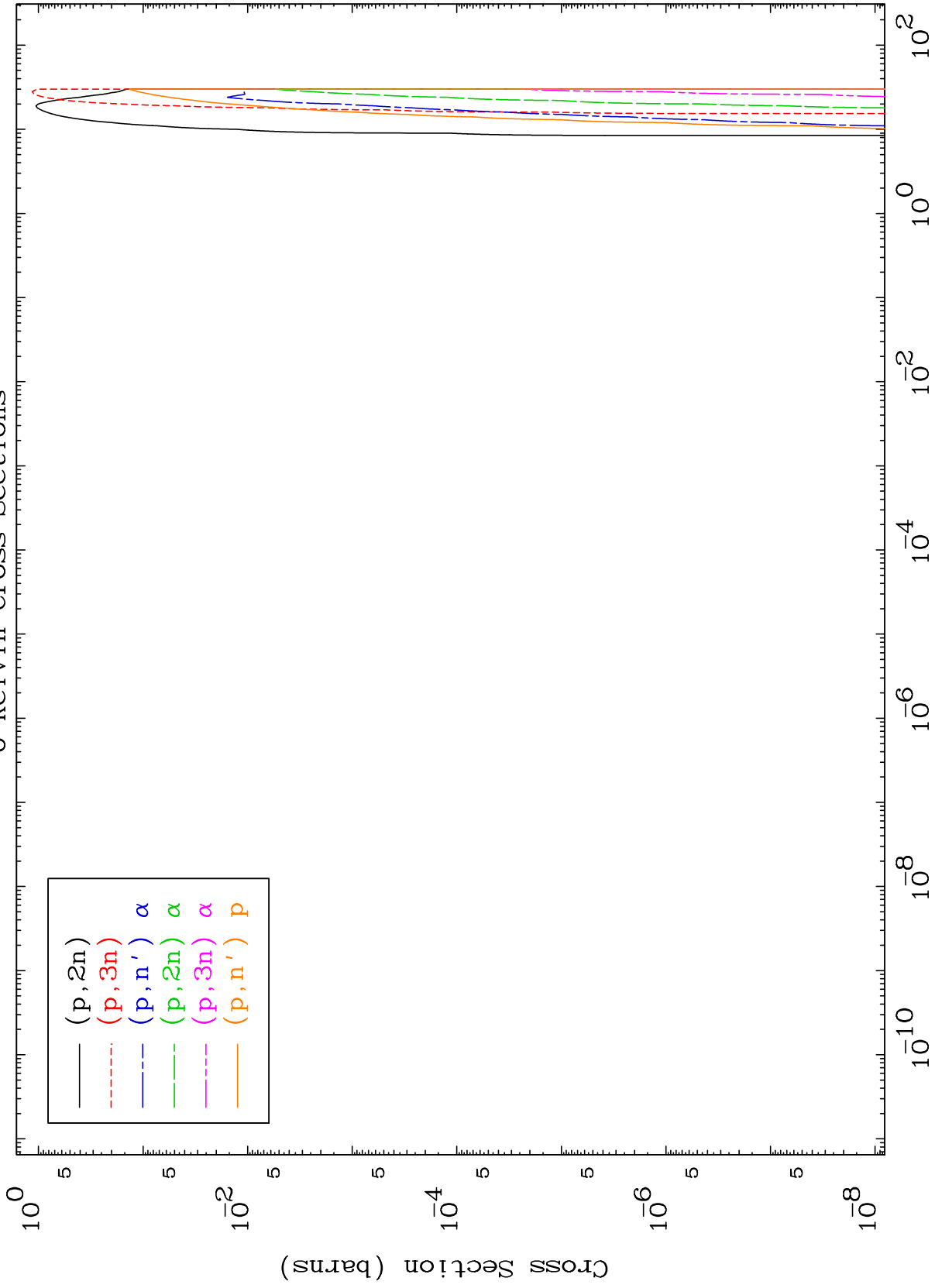
Incident Energy (MeV)

79-Au-196

MAT 7924

Proton Neutron Production
0 Kelvin Cross Sections

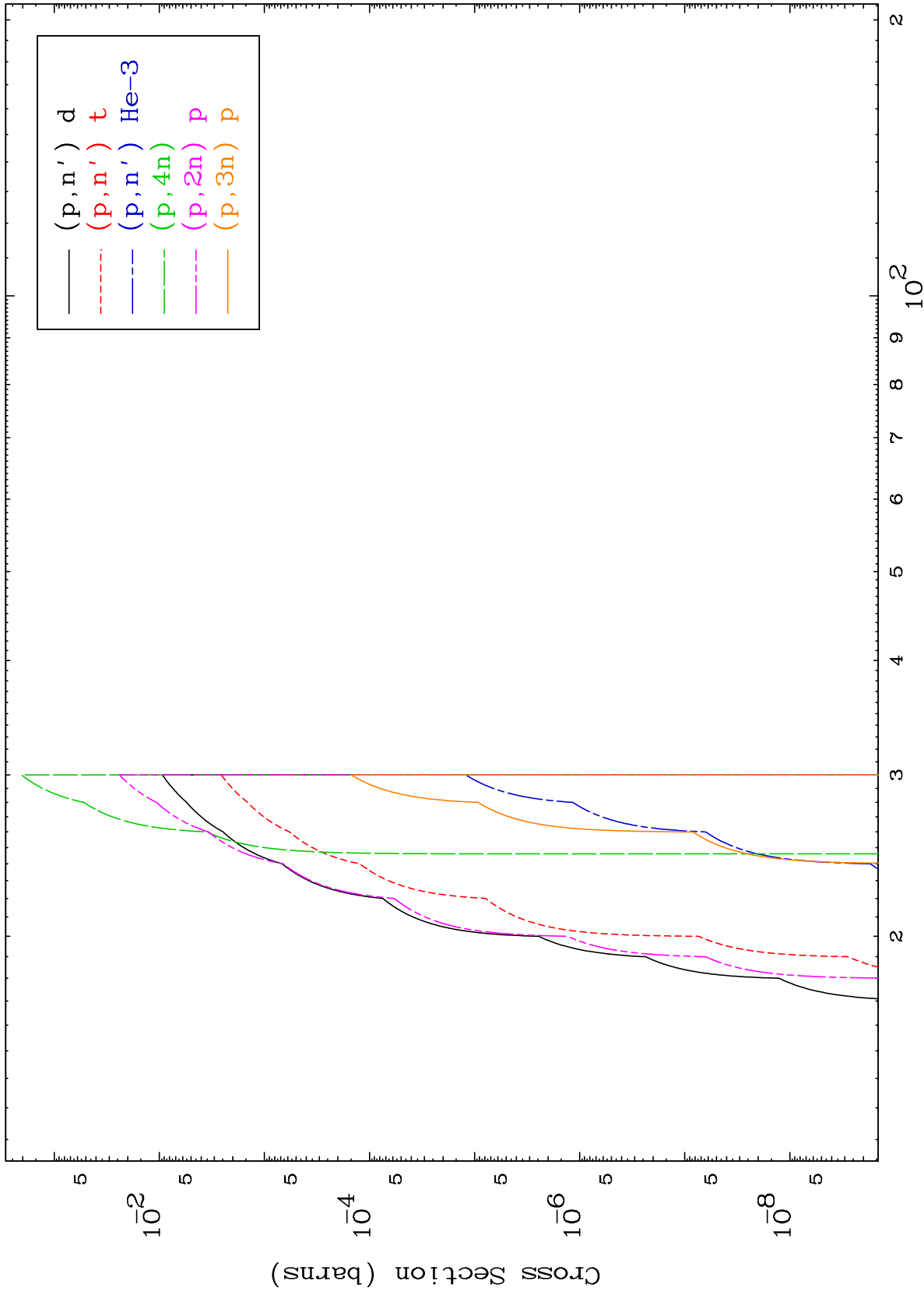
79-Au-196



2

Incident Energy (MeV)

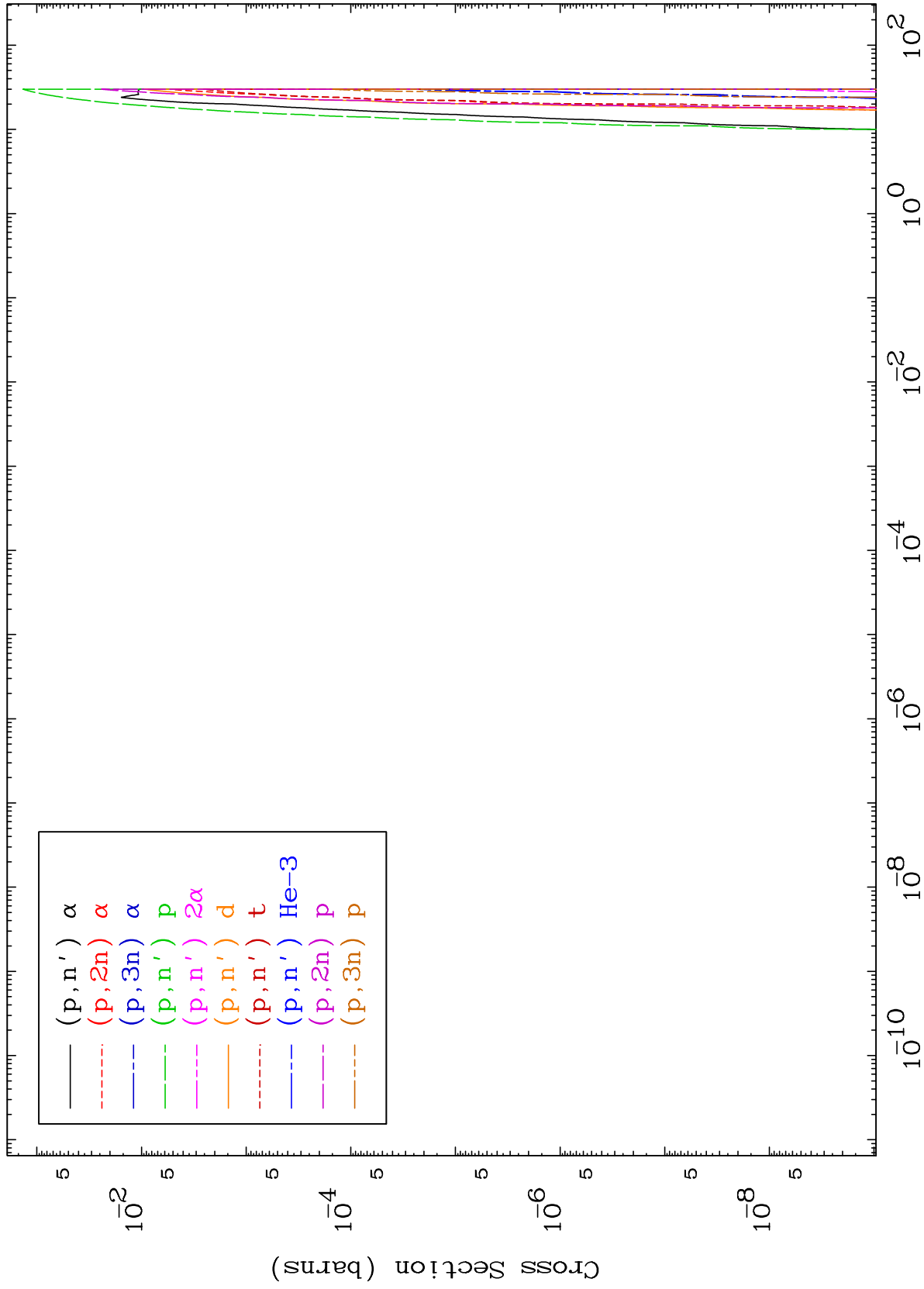
79-Au-196



MAT 7924

Proton Charged Particle
0 Kelvin Cross Sections

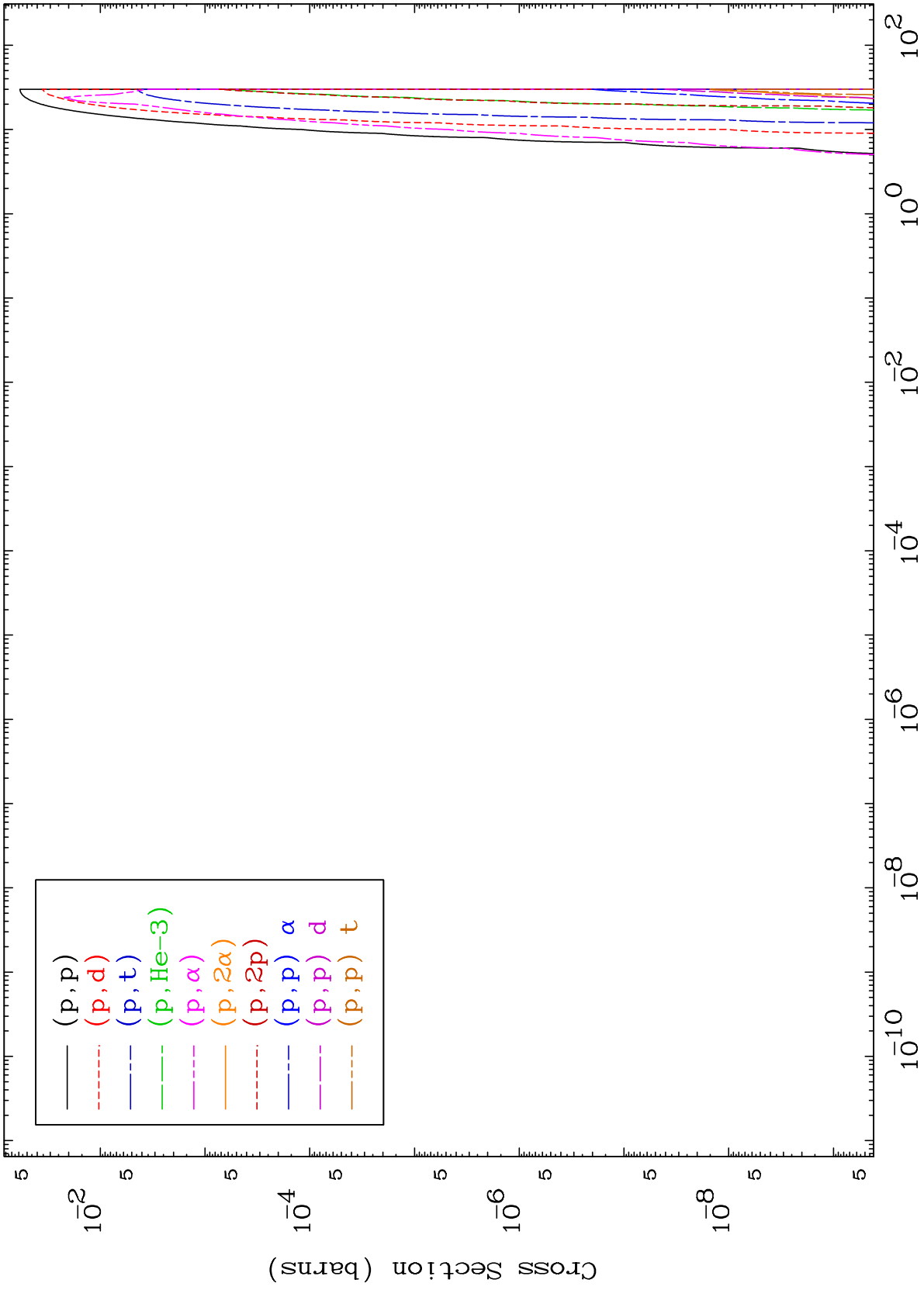
79-Au-196



MAT 7924

Proton Charged Particle
0 Kelvin Cross Sections

79-Au-196



5

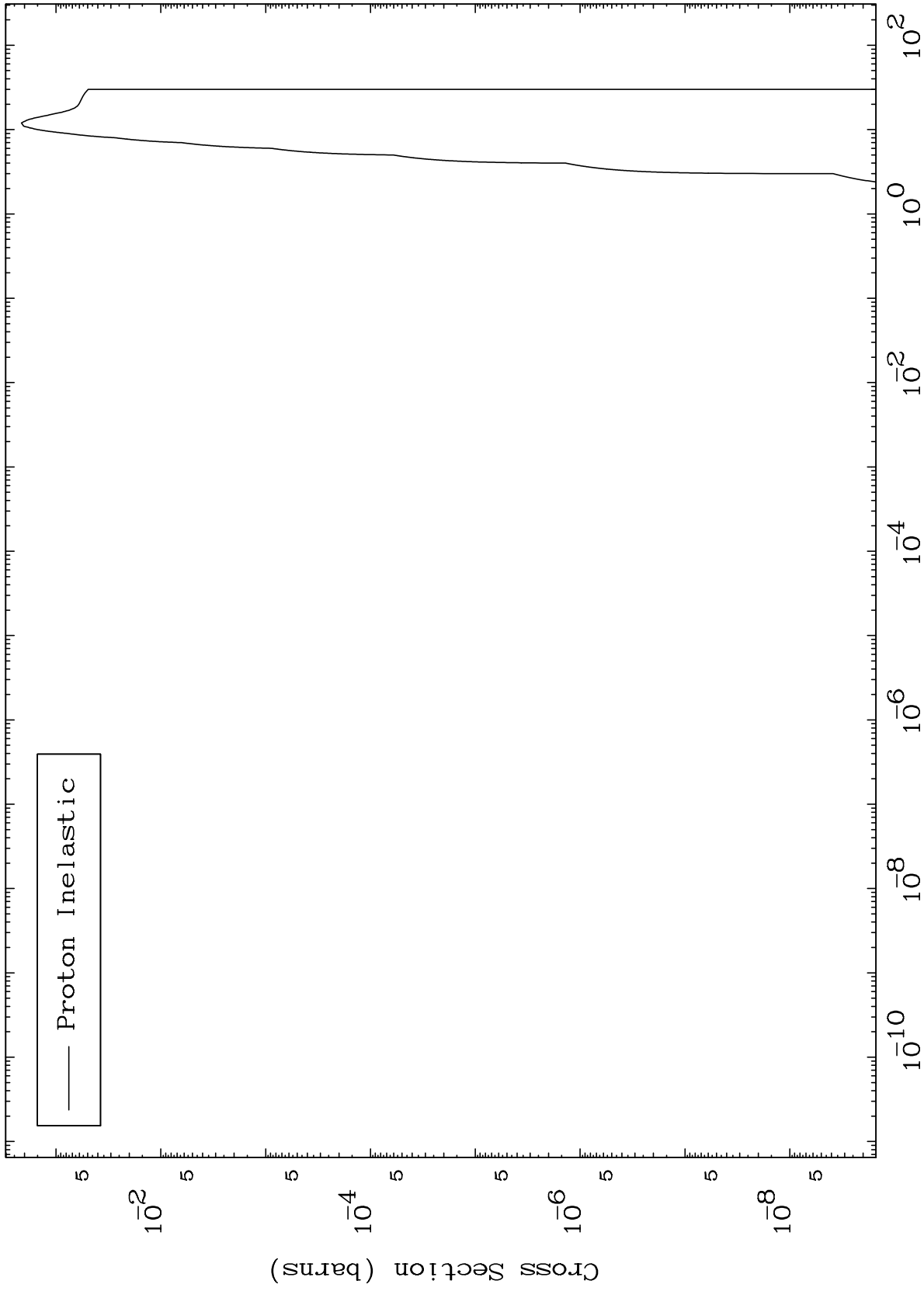
Incident Energy (MeV)

79-Au-196

MAT 7924

(p,n') Level
0 Kelvin Cross Sections

79-Au-196



6

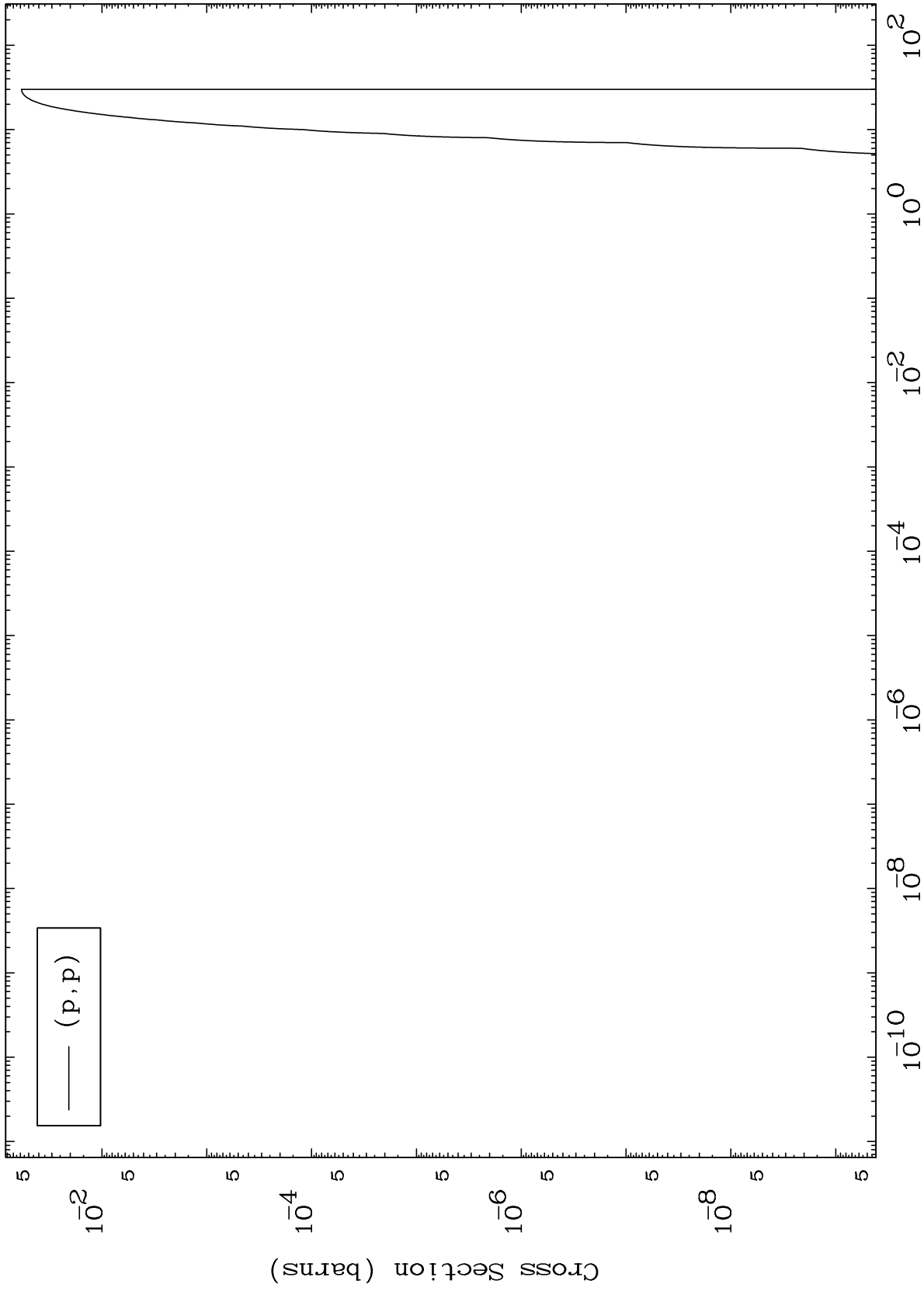
Incident Energy (MeV)

79-Au-196

MAT 7924

(p,p) Levels
0 Kelvin Cross Sections

79-Au-196



7

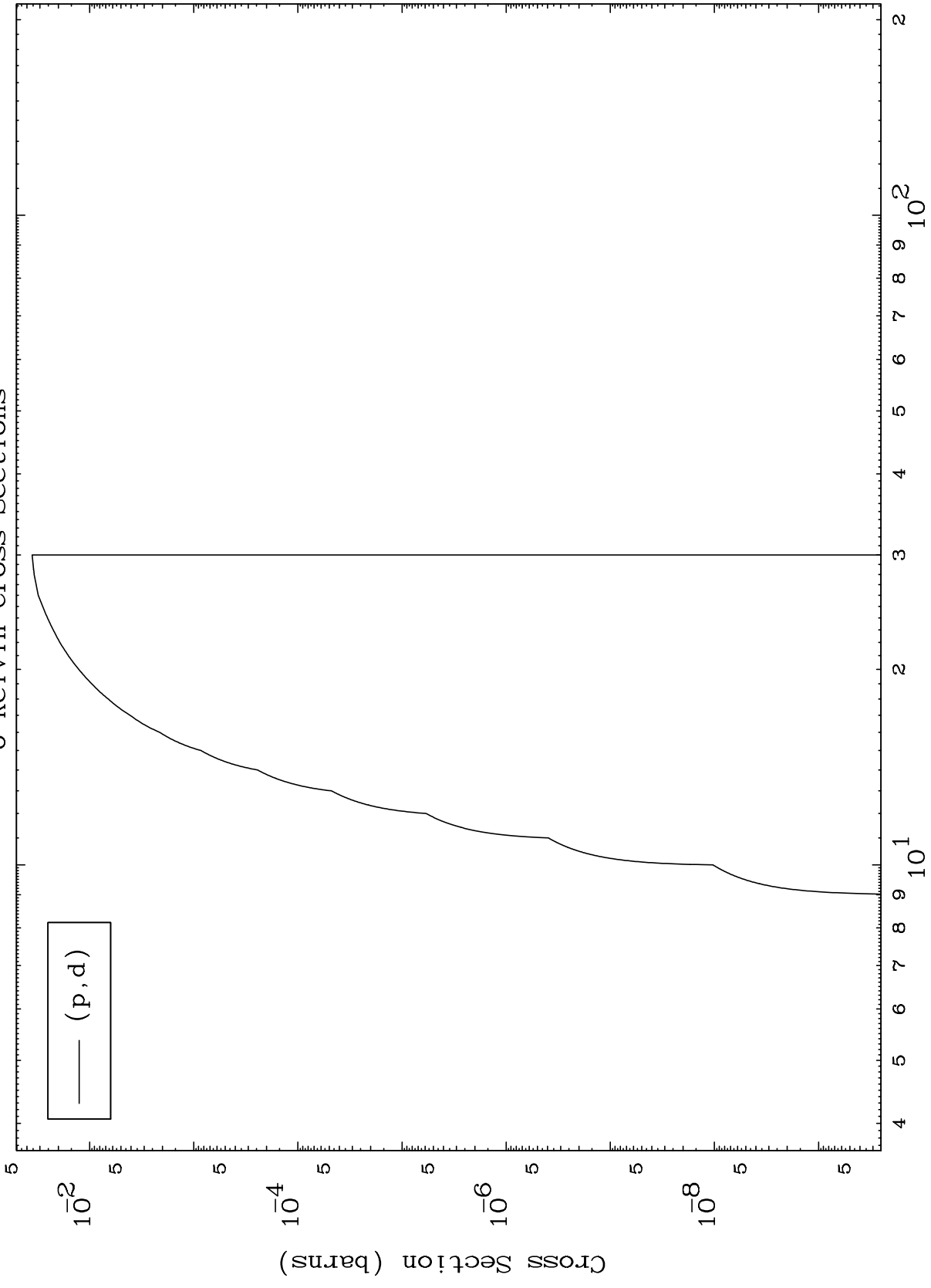
Incident Energy (MeV)

79-Au-196

MAT 7924

(p,d) Levels
0 Kelvin Cross Sections

79-Au-196



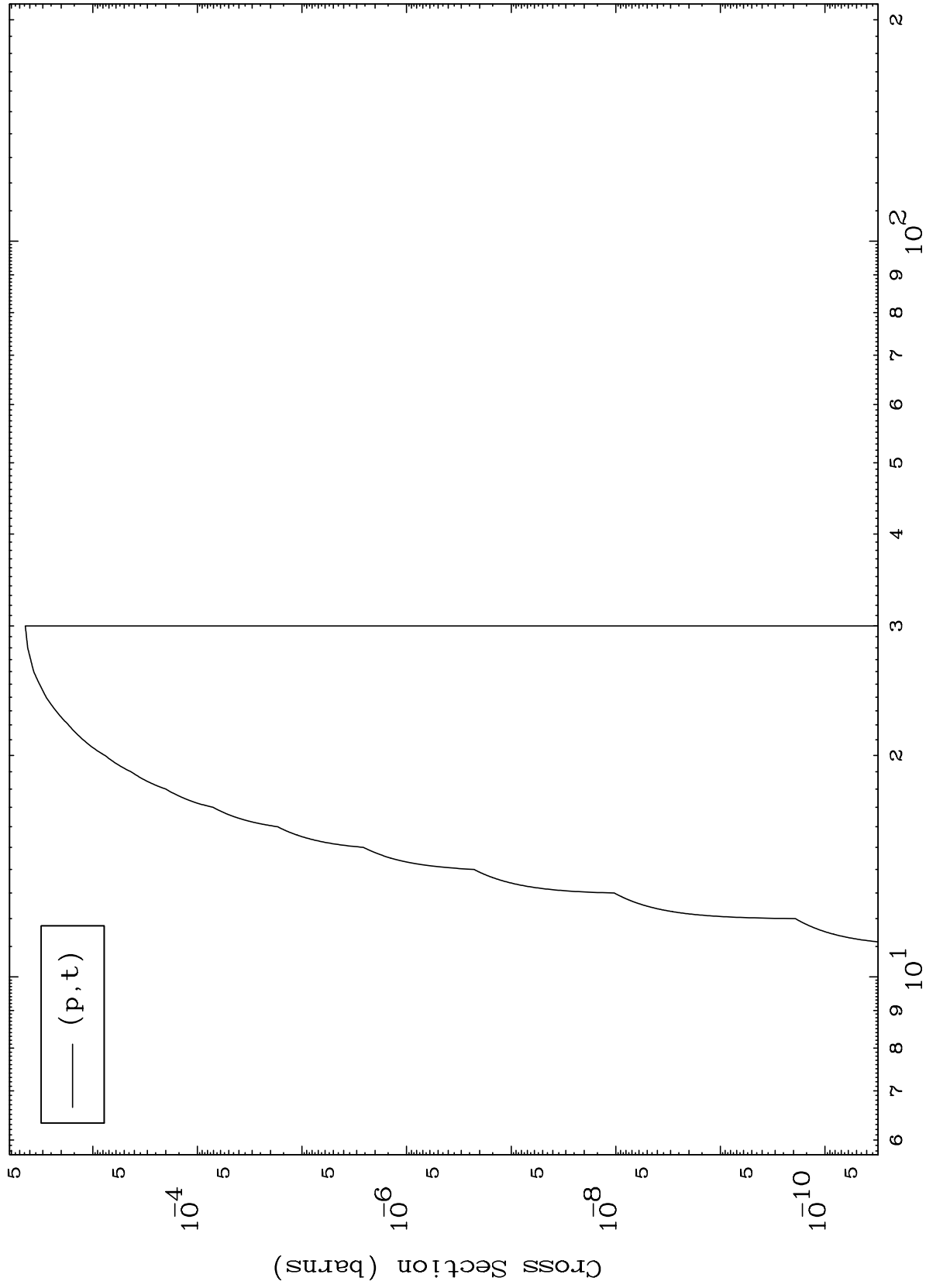
8

79-Au-196

MAT 7924

(p,t) Levels
0 Kelvin Cross Sections

79-Au-196



9

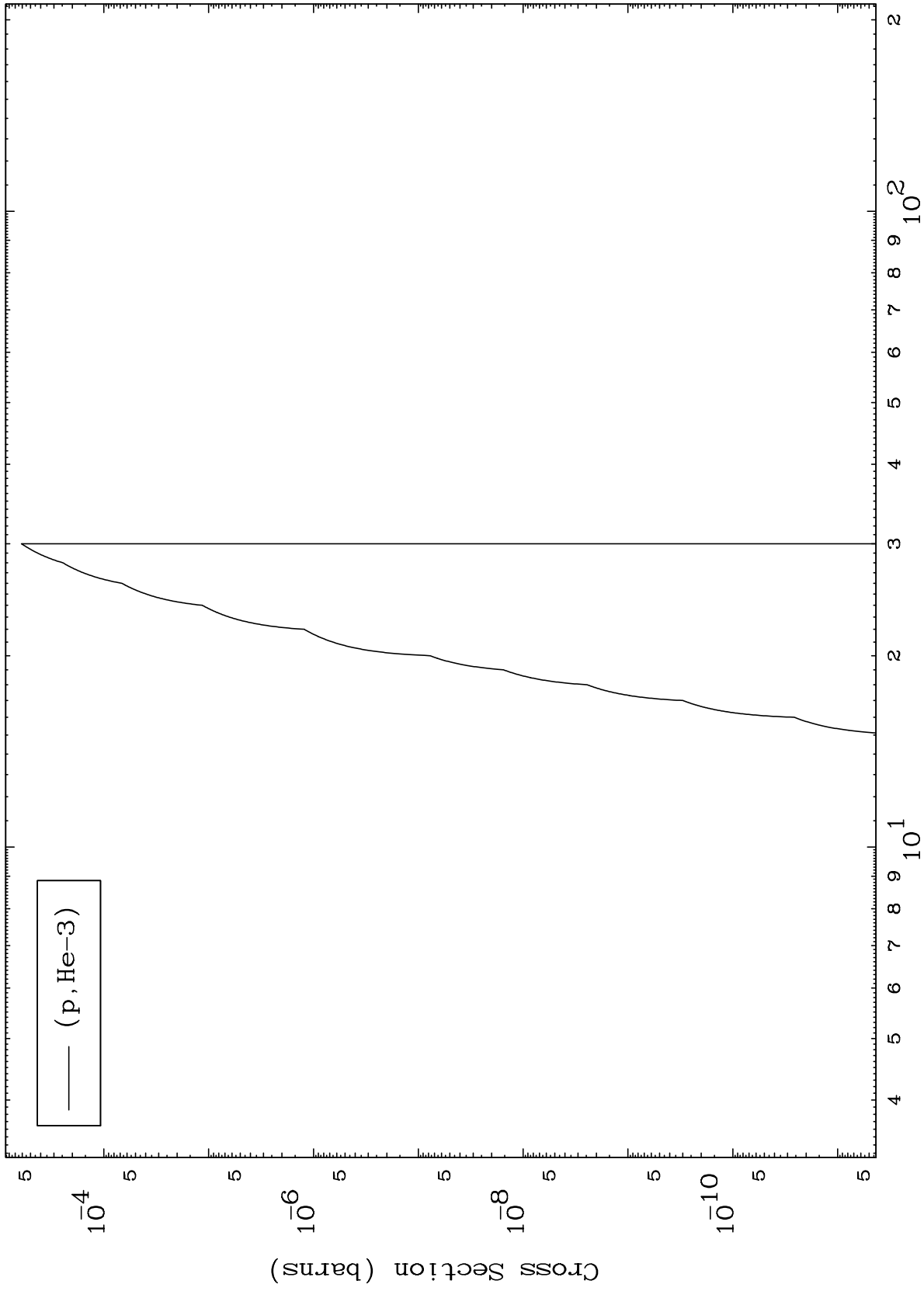
Incident Energy (MeV)

79-Au-196

MAT 7924

(p,He3) Levels
0 Kelvin Cross Sections

79-Au-196



10

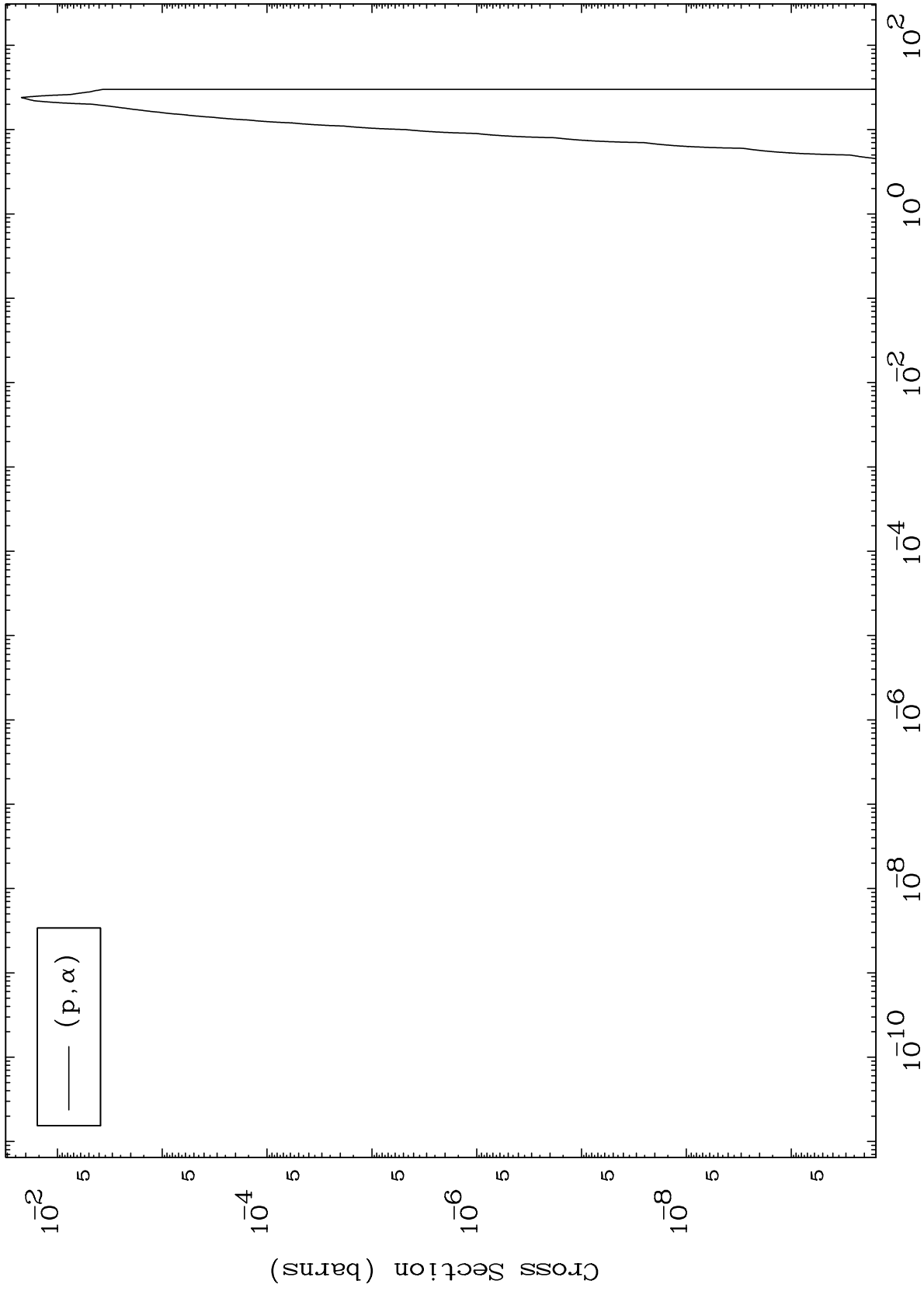
Incident Energy (MeV)

79-Au-196

MAT 7924

(p,α) Levels
0 Kelvin Cross Sections

79-Au-196



11

Incident Energy (MeV)

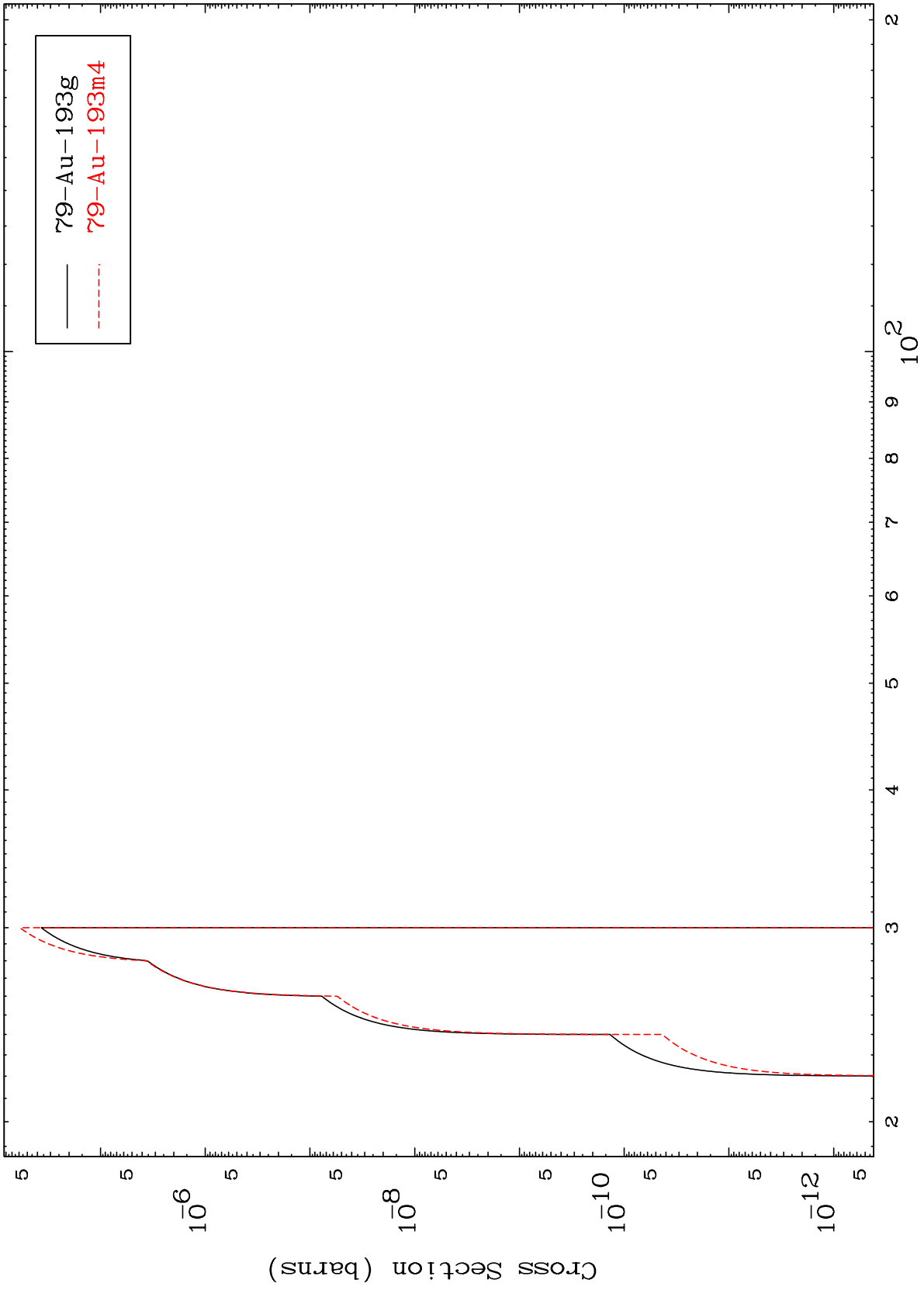
79-Au-196

MAT 7924

(p,2n) d

⁷⁹Au-196

Radionuclide Production Cross Section



12

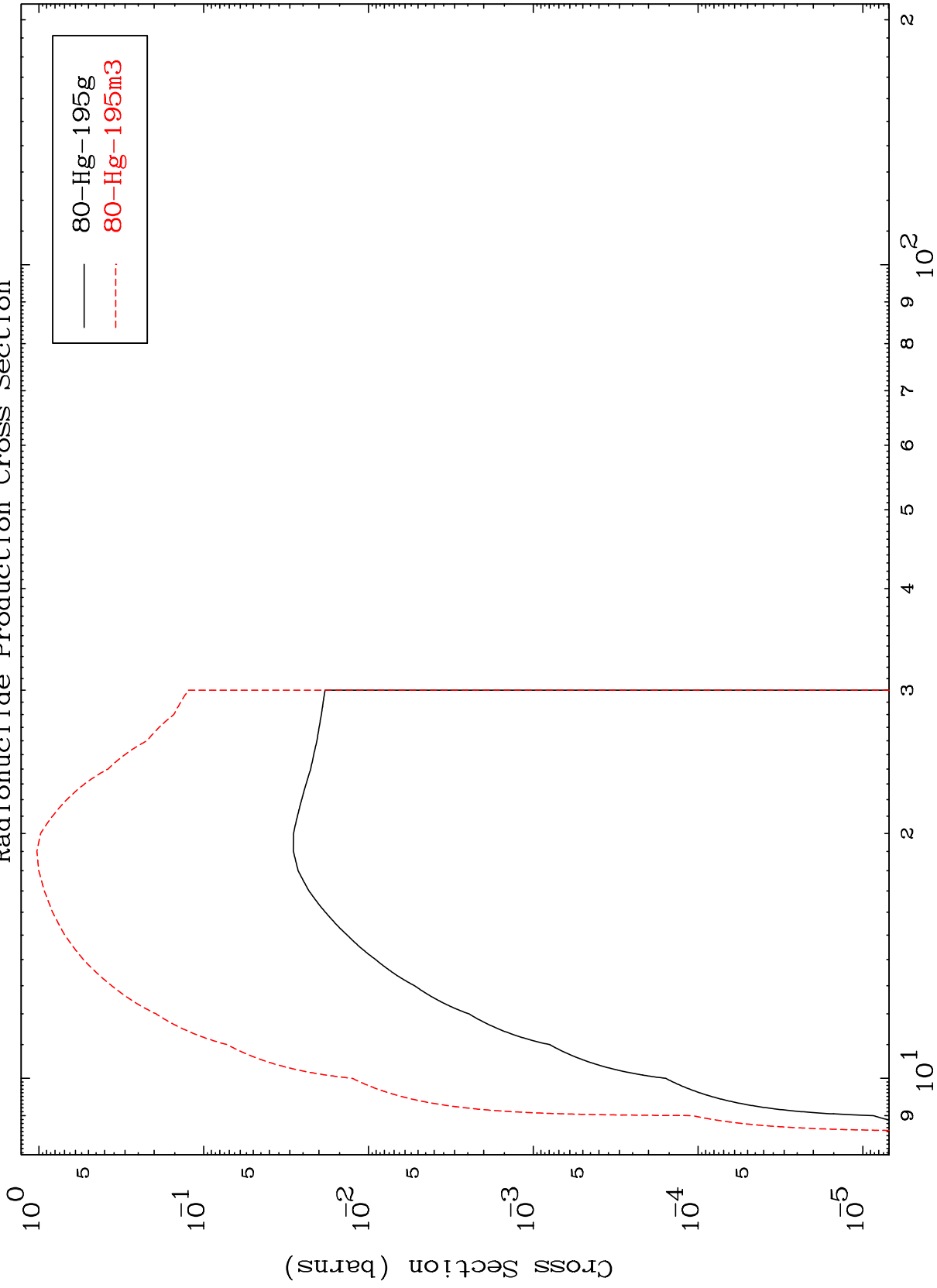
Incident Energy (MeV)

⁷⁹Au-196

MAT 7924

79-Au-196

(p,2n)
Radionuclide Production Cross Section



13

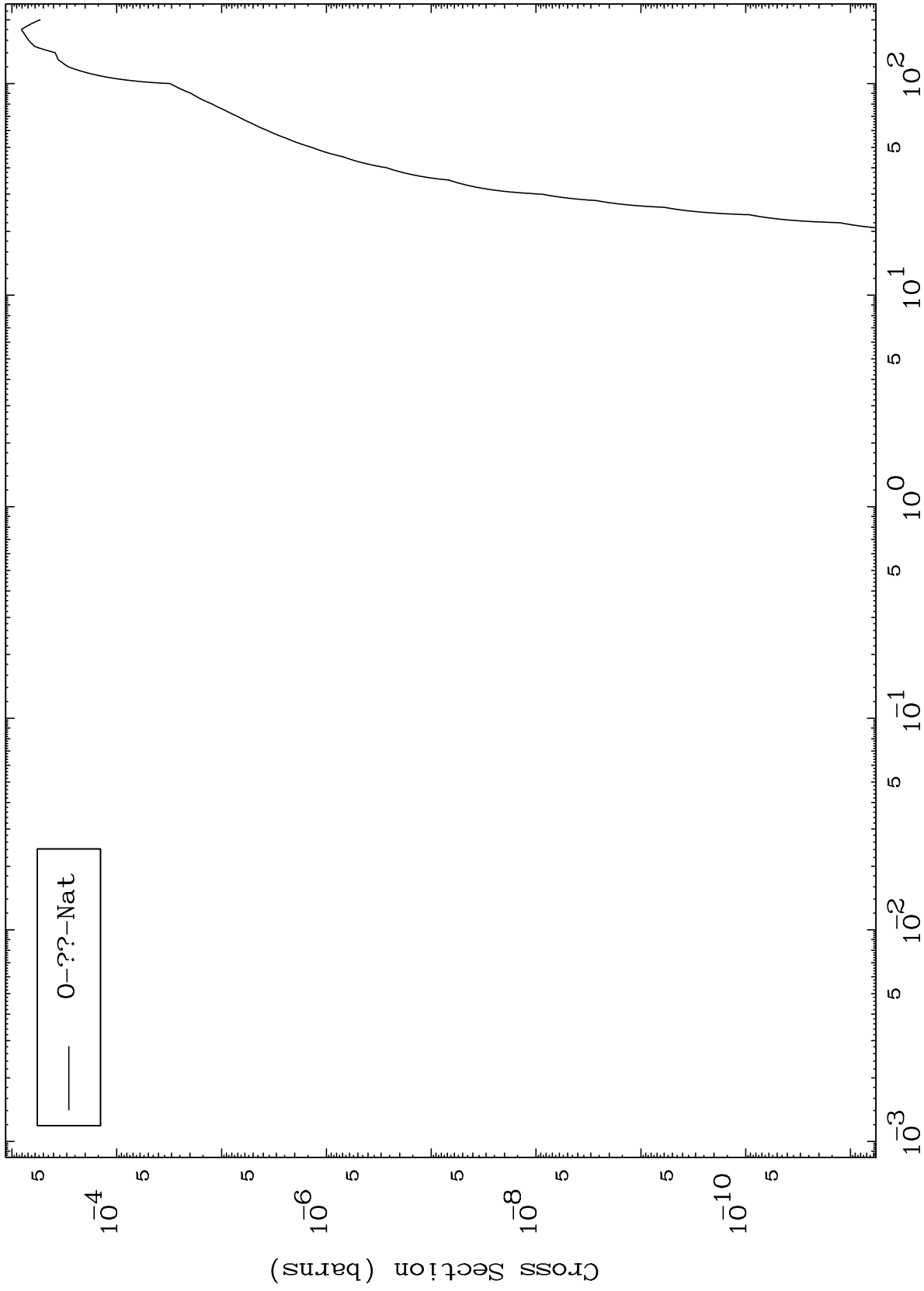
Incident Energy (MeV)

79-Au-196

MAT 7924

Proton Fission
Radionuclide Production Cross Section

79-Au-196



0-??-Nat

14

Incident Energy (MeV)

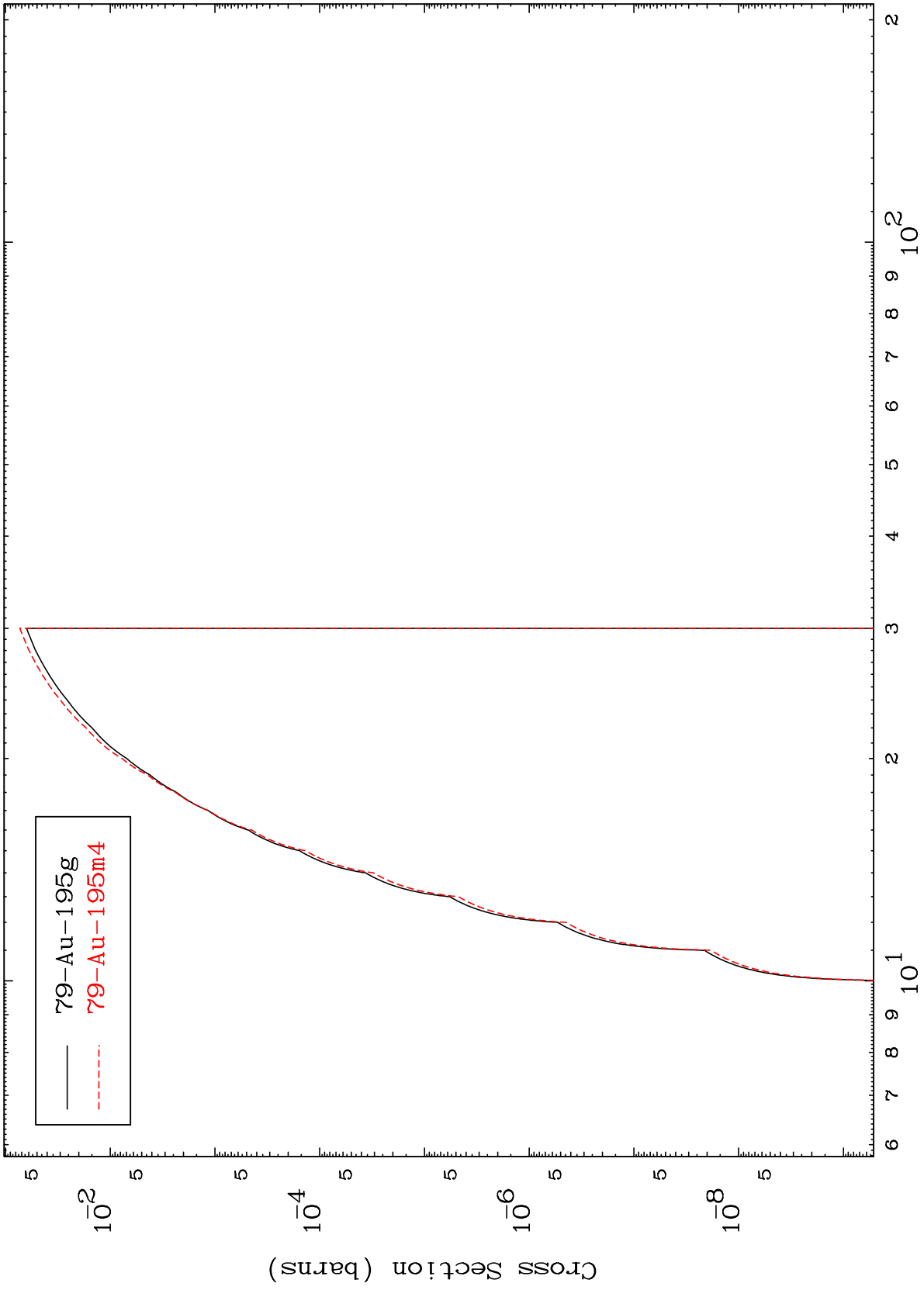
79-Au-196

MAT 7924

(p,n') p

⁷⁹Au-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

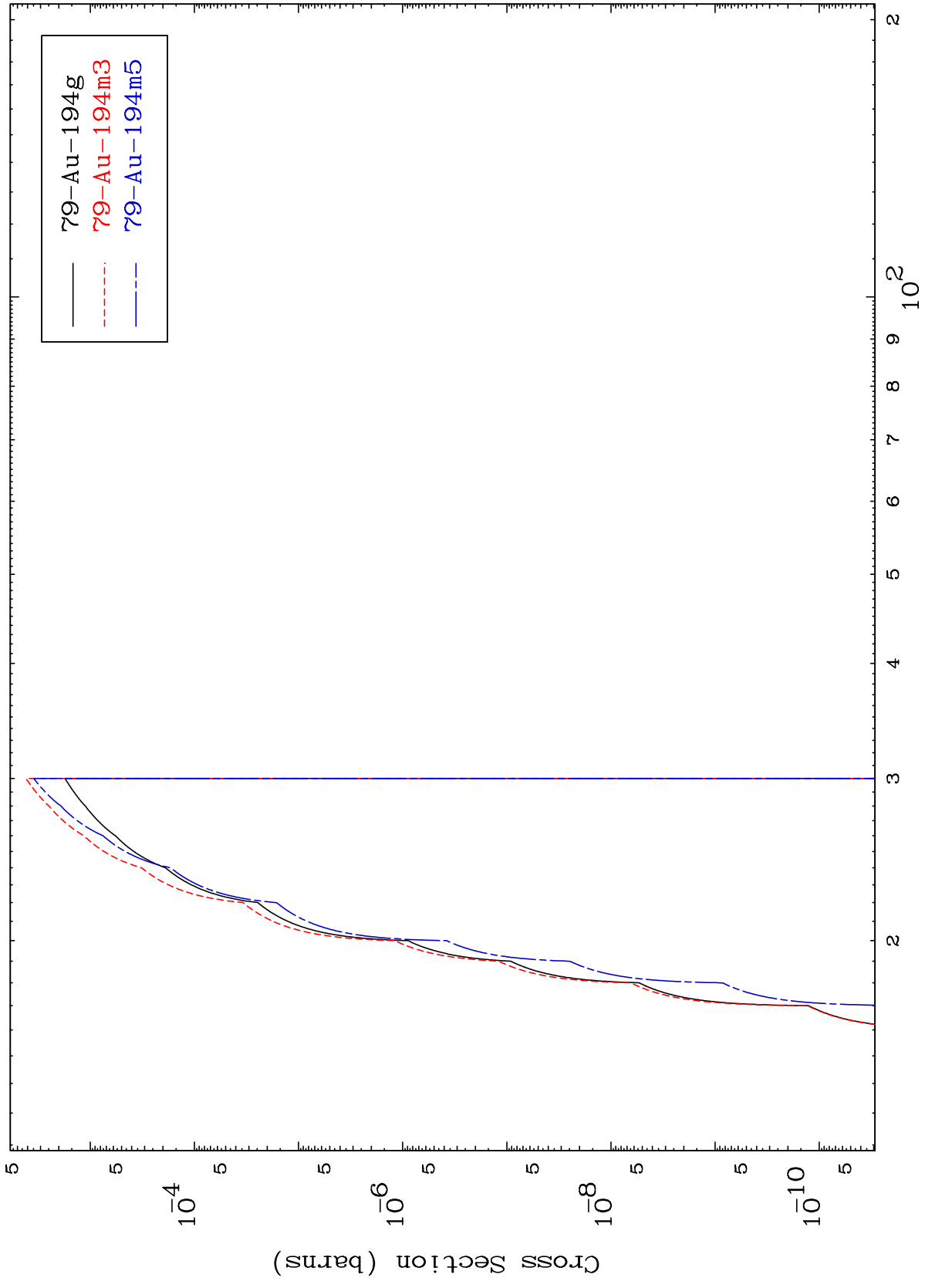
⁷⁹Au-196

MAT 7924

(p,n') d

⁷⁹Au-¹⁹⁶

Radionuclide Production Cross Section



16

Incident Energy (MeV)

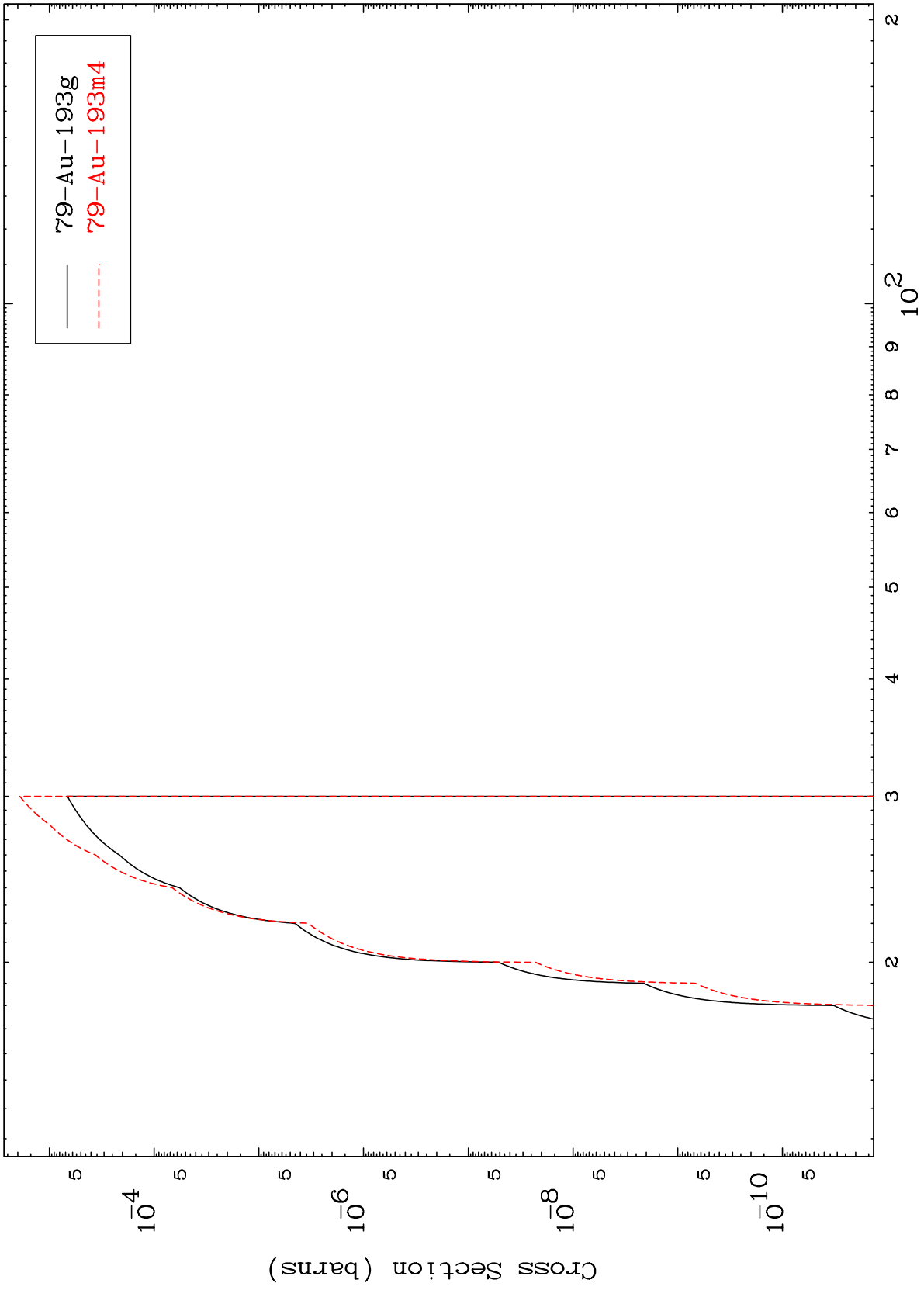
⁷⁹Au-¹⁹⁶

MAT 7924

(p,n') t

⁷⁹Au-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

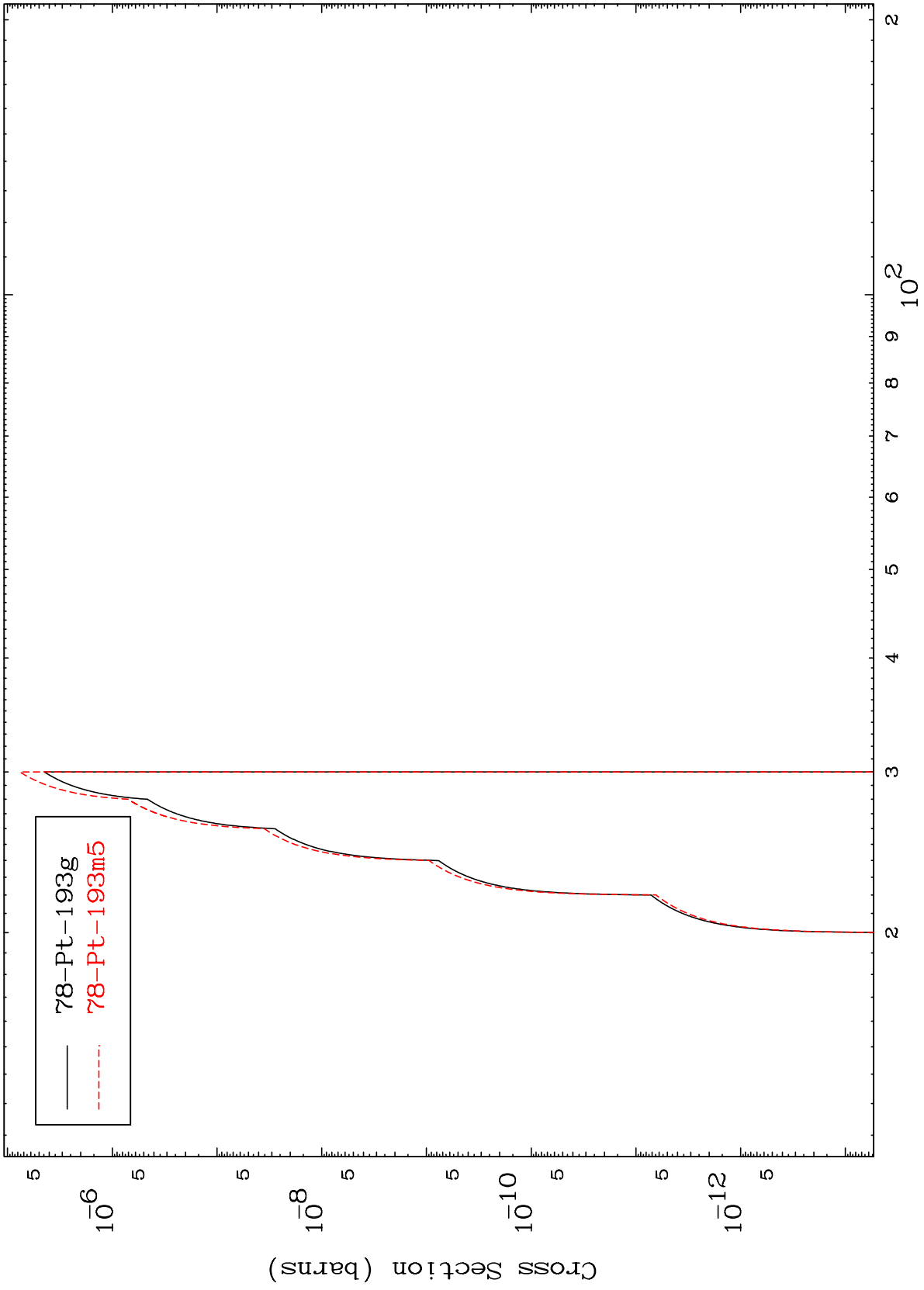
⁷⁹Au-196

MAT 7924

(p,n') He-3

79-Au-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

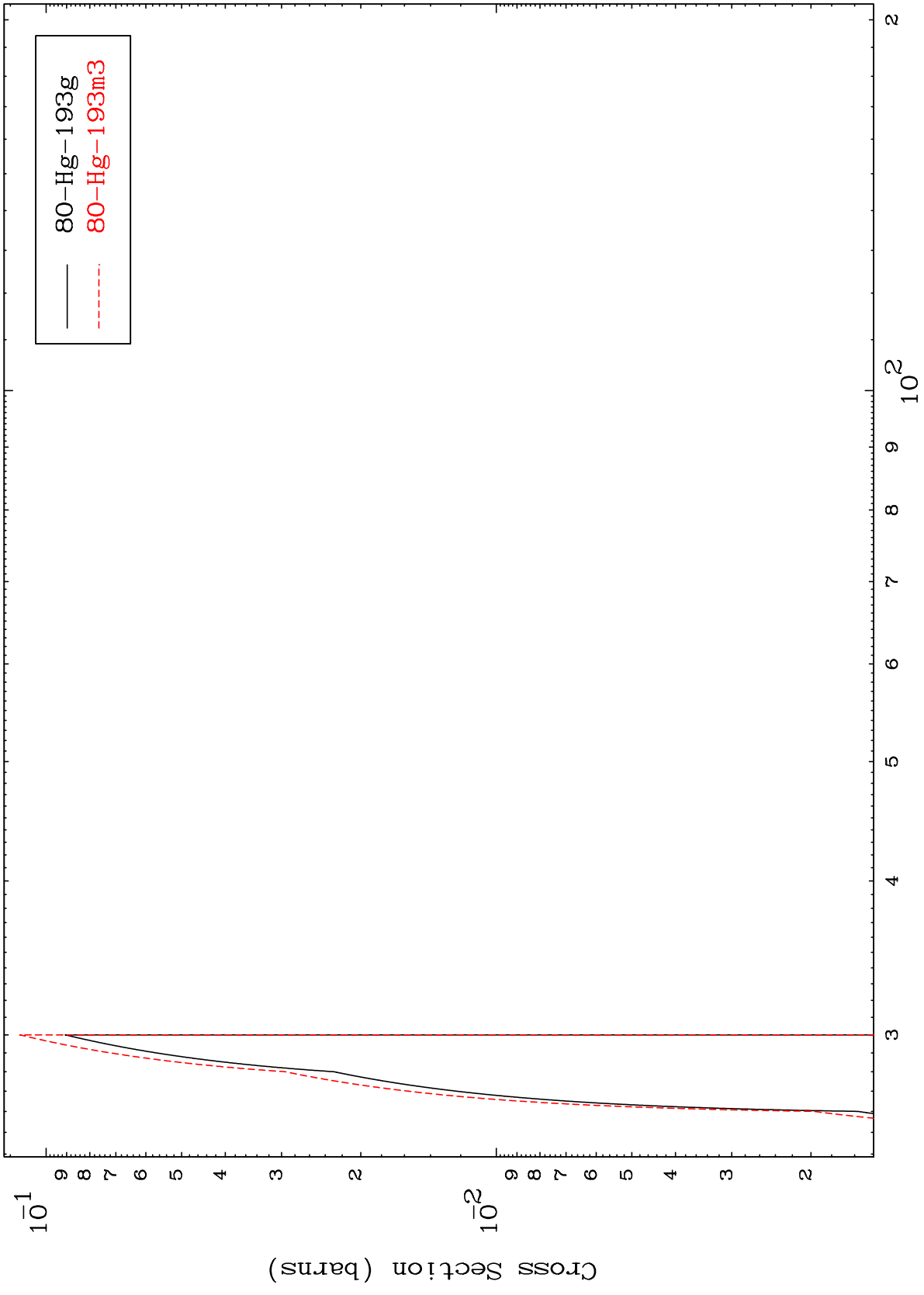
79-Au-196

MAT 7924

(p,4n)

79-Au-196

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

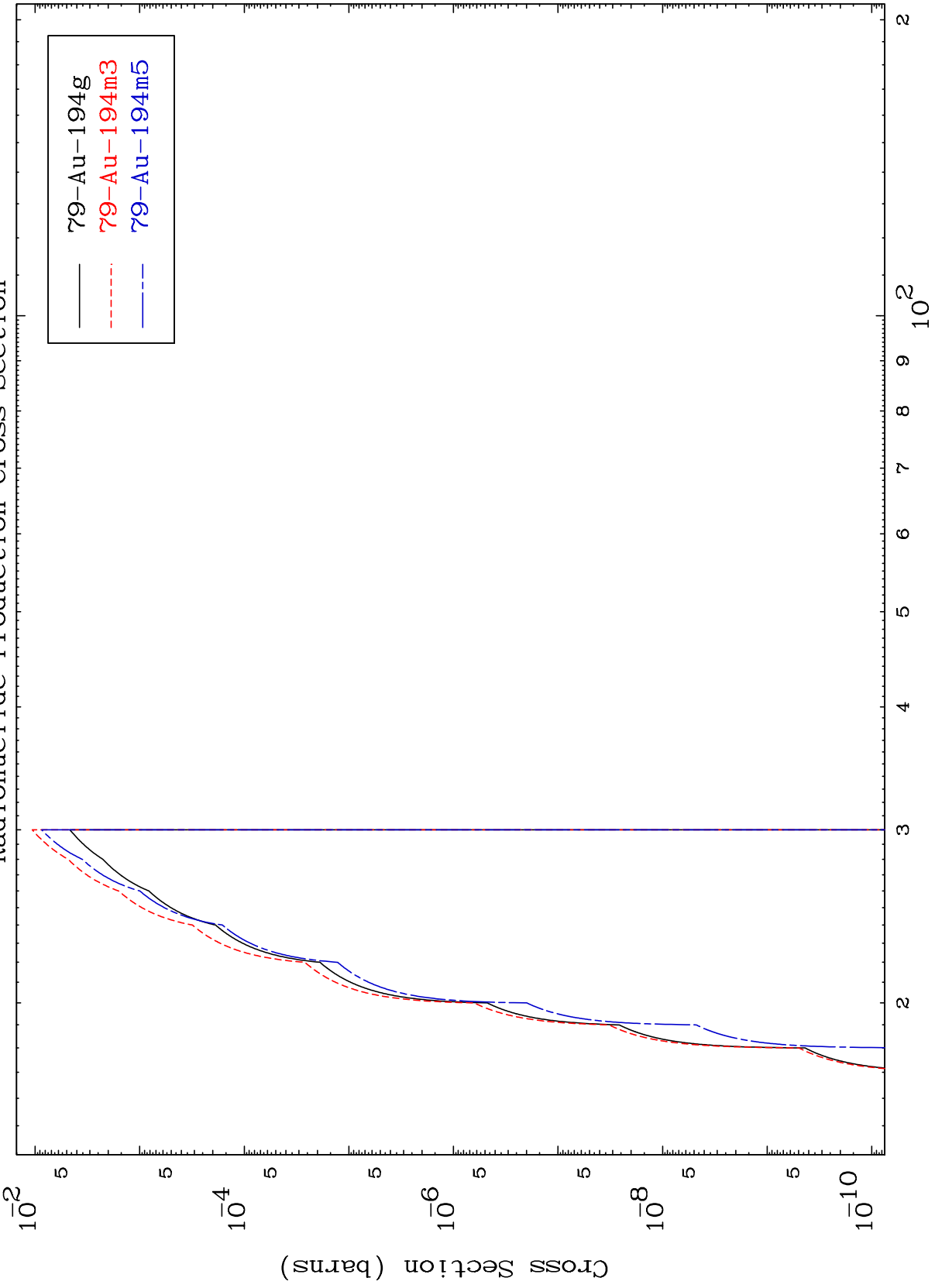
79-Au-196

MAT 7924

(p,2n) p

⁷⁹Au-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

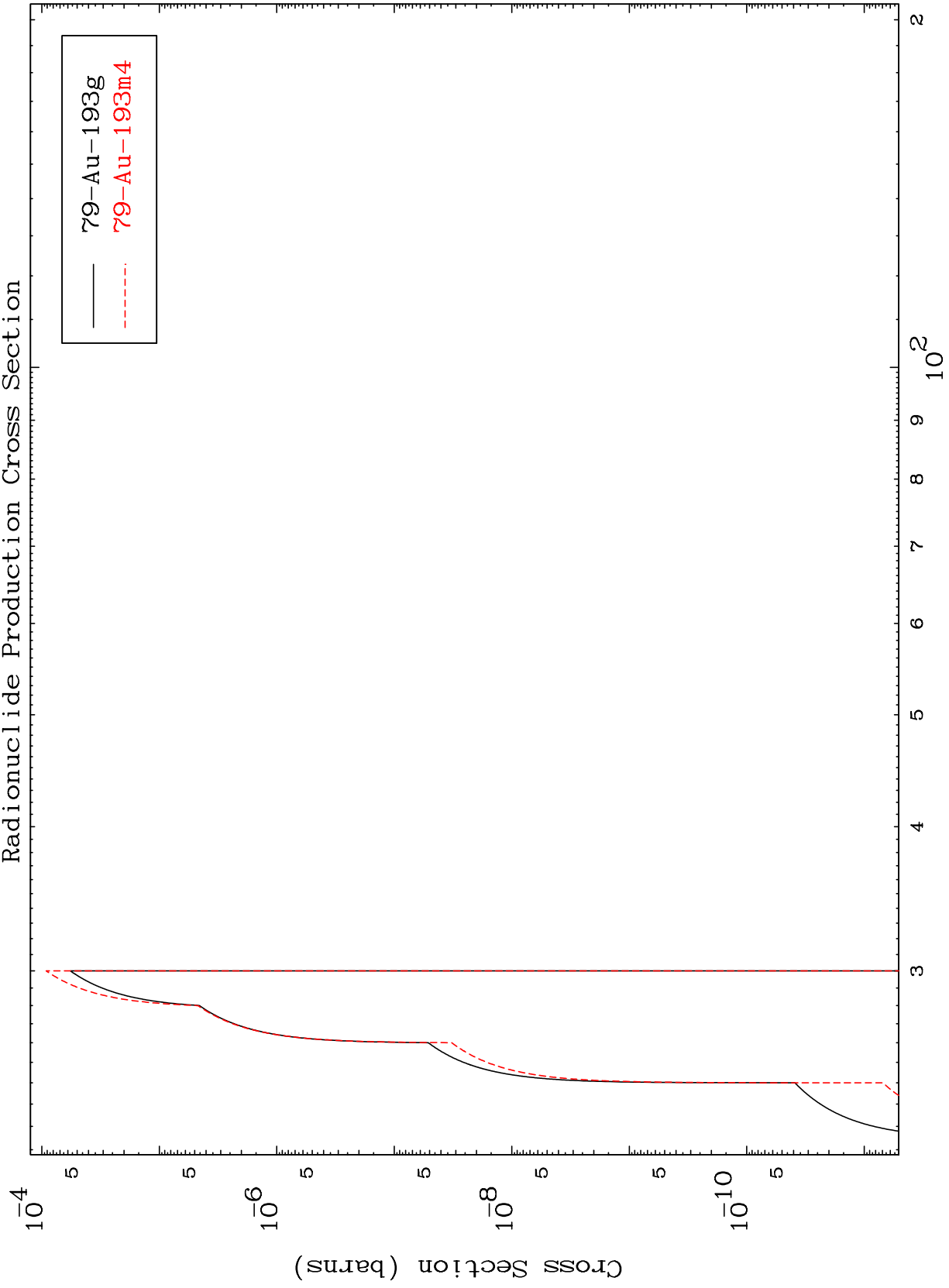
⁷⁹Au-196

MAT 7924

(p,3n) p

⁷⁹Au-196

Radionuclide Production Cross Section



21

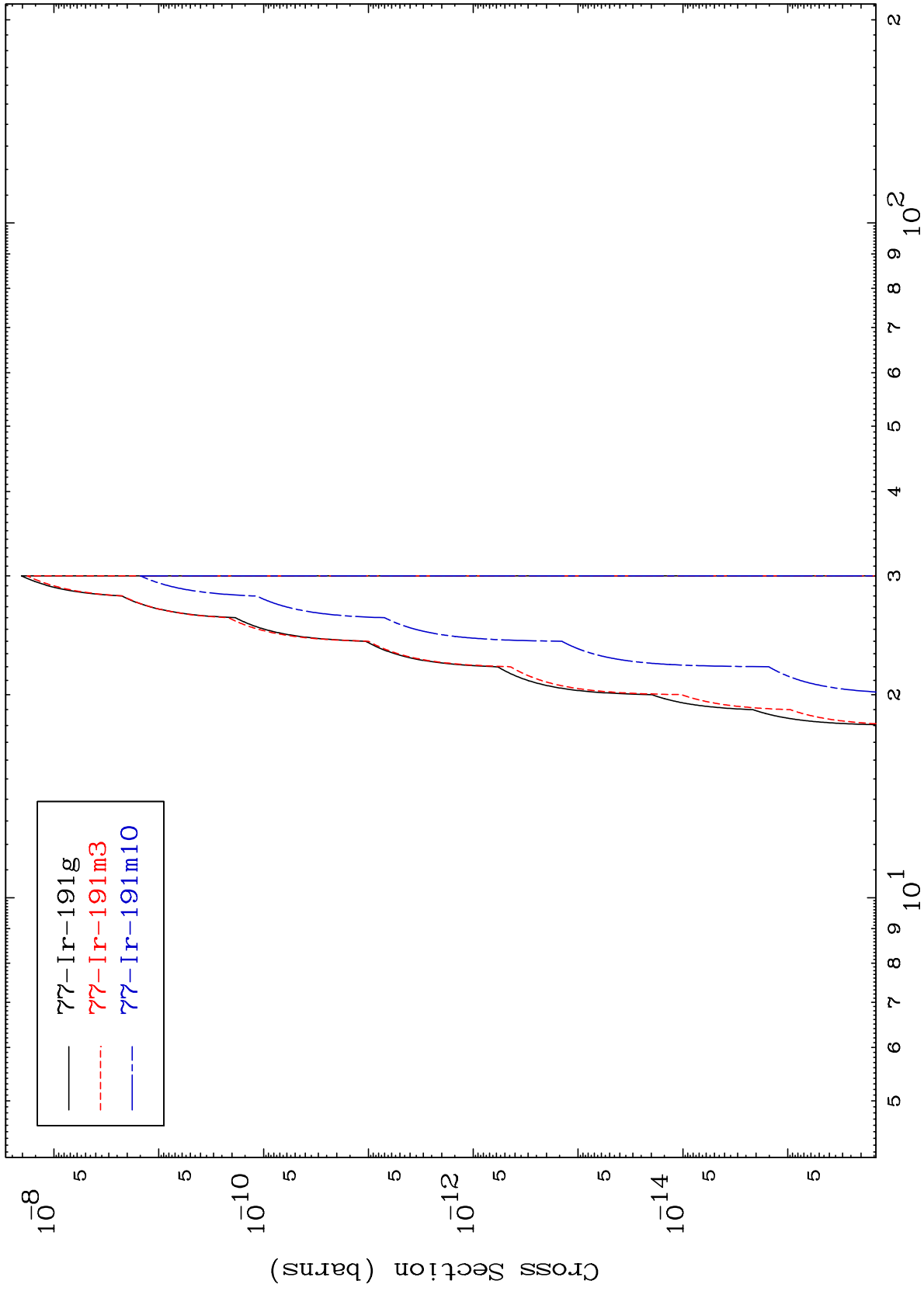
Incident Energy (MeV)

⁷⁹Au-196

MAT 7924

79-Au-196

(p,n) p α
Radionuclide Production Cross Section



77-Ir-191g
77-Ir-191m3
77-Ir-191m10

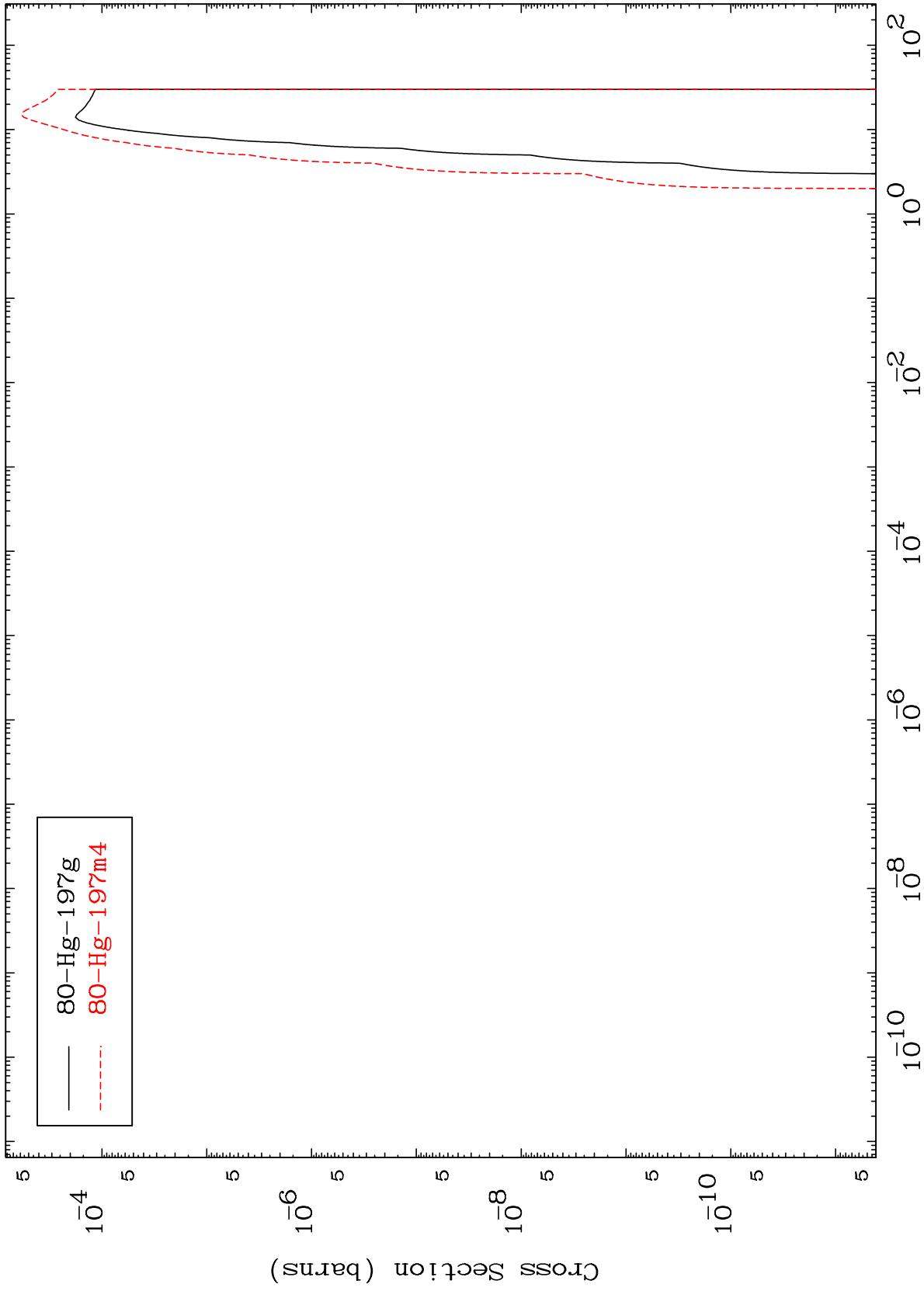
22

79-Au-196

MAT 7924

(p,γ)
Radionuclide Production Cross Section

79-Au-196



23

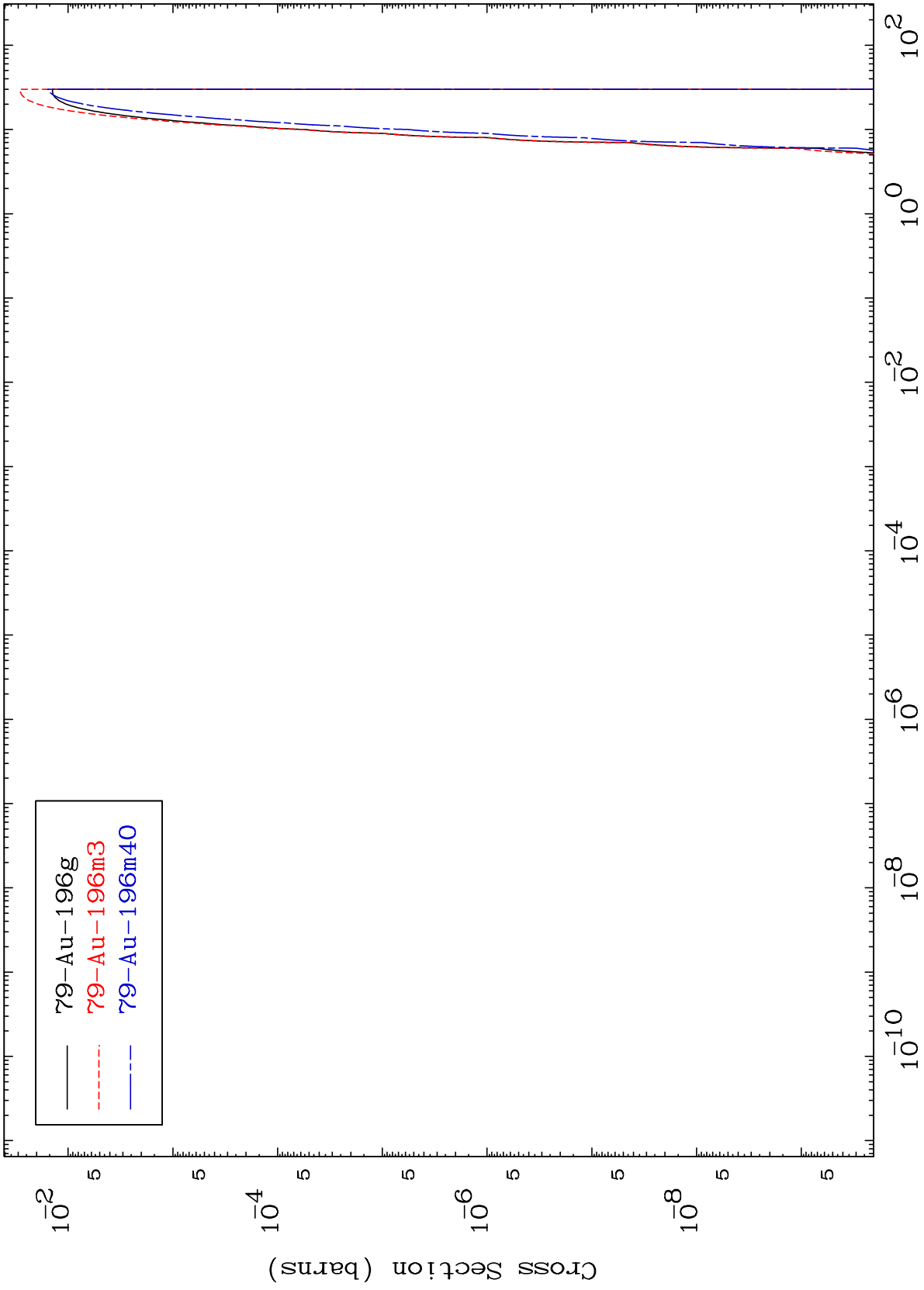
Incident Energy (MeV)

79-Au-196

MAT 7924

(p,p)
Radionuclide Production Cross Section

⁷⁹Au-196



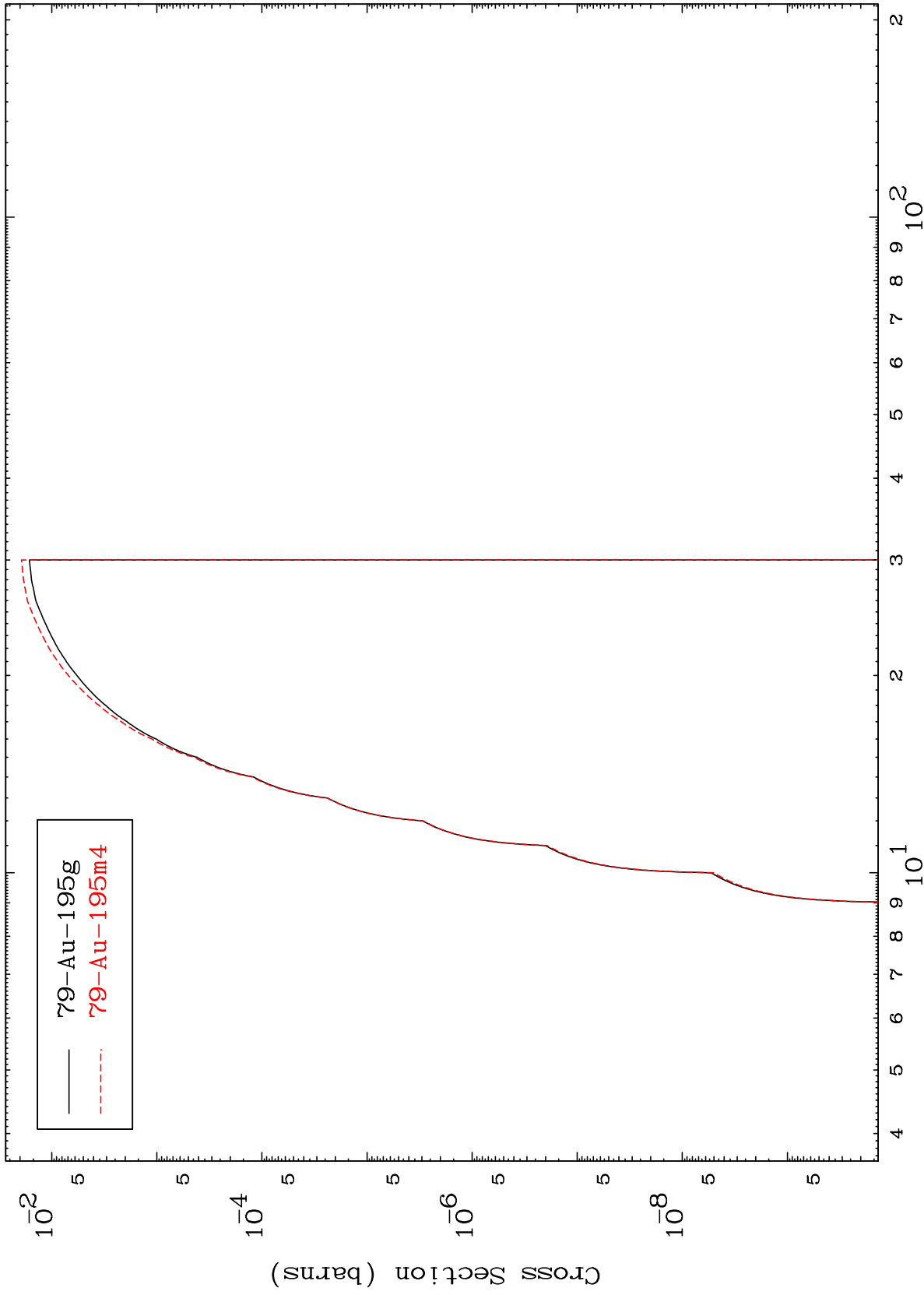
24

⁷⁹Au-196

MAT 7924

79-Au-196

(p,d)
Radionuclide Production Cross Section



25

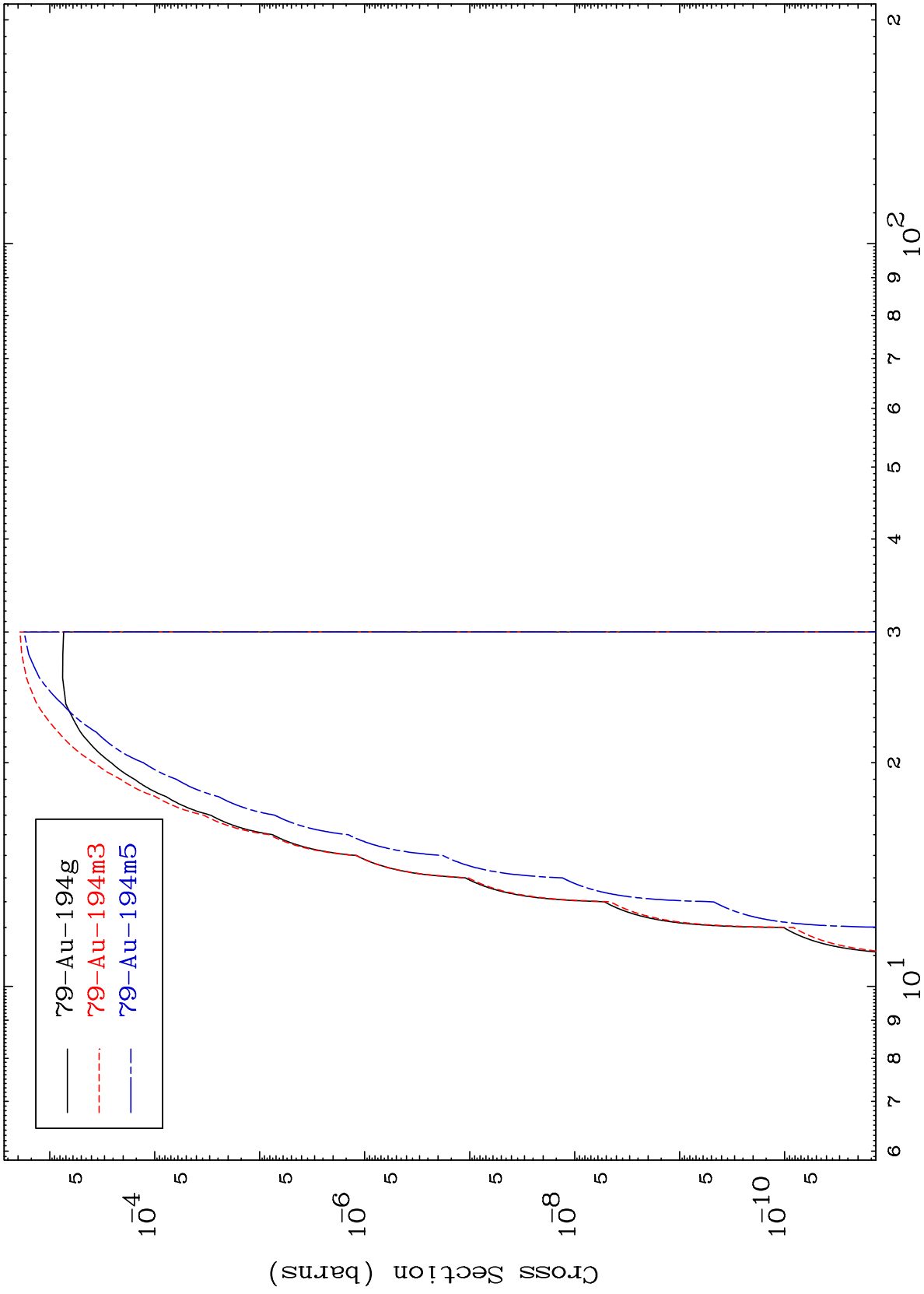
Incident Energy (MeV)

79-Au-196

MAT 7924

⁷⁹Au-196

Radionuclide Production Cross Section (p, t)



26

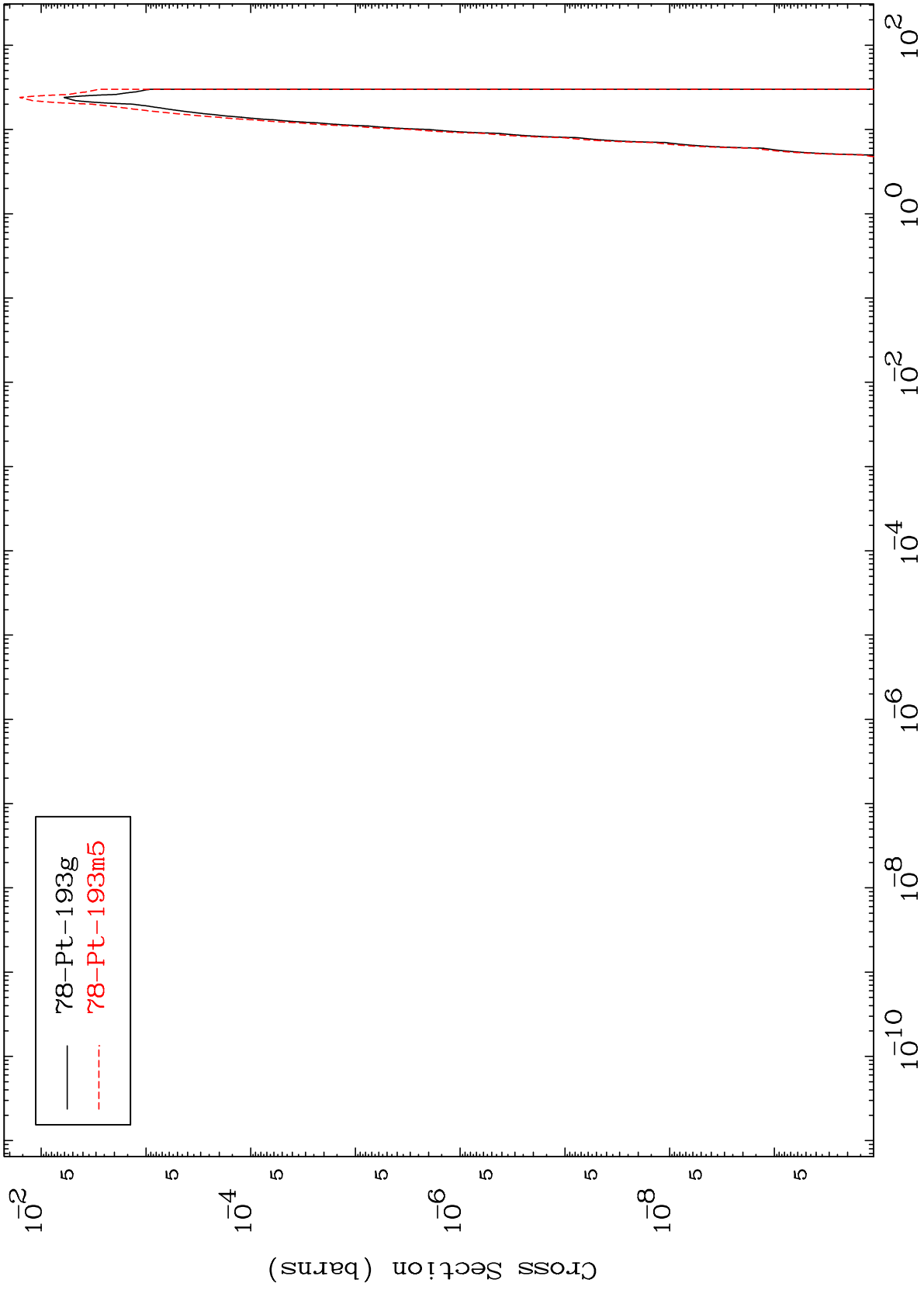
⁷⁹Au-196

MAT 7924

(p, α)

⁷⁹Au-196

Radionuclide Production Cross Section



27

Incident Energy (MeV)

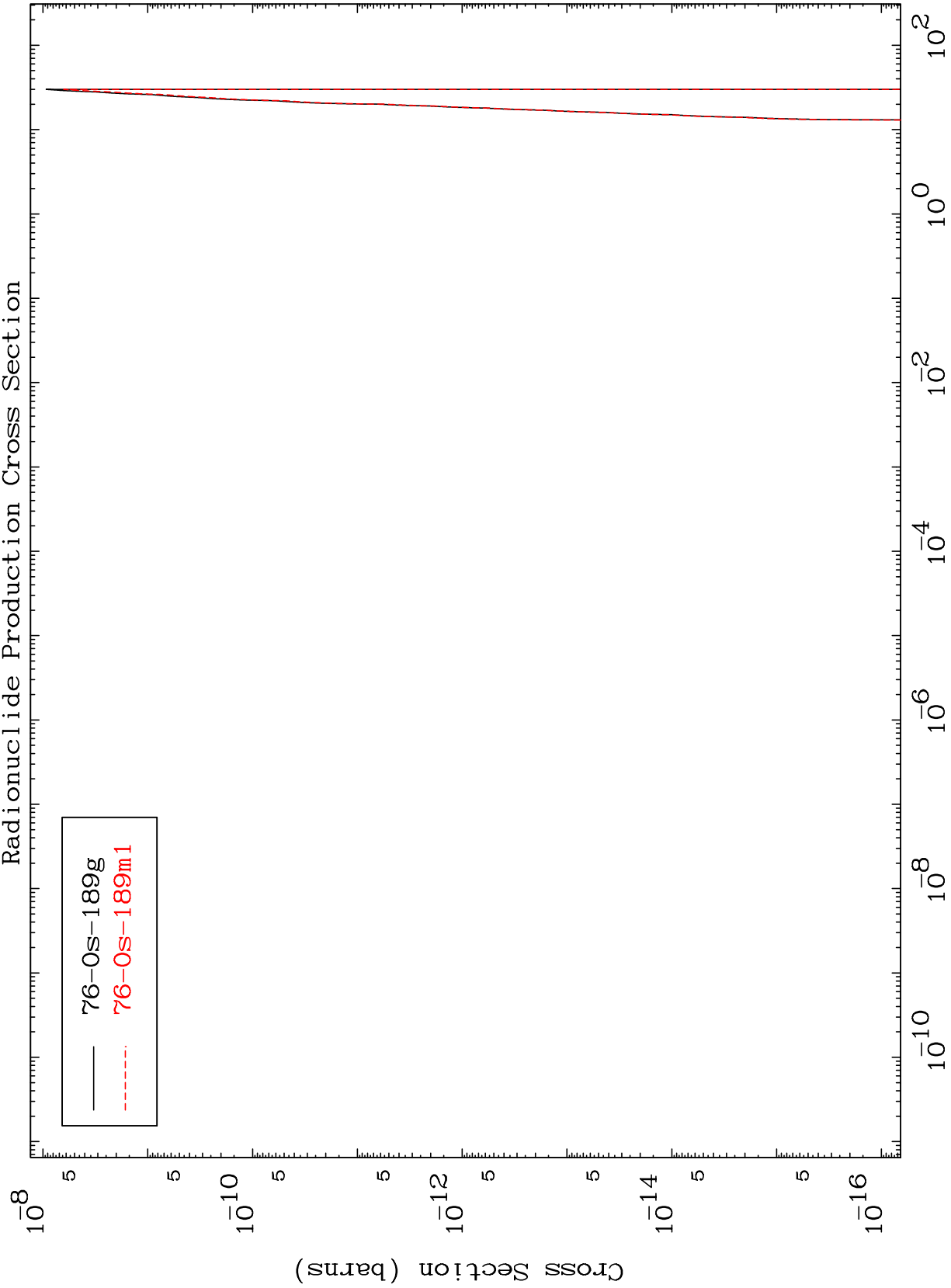
⁷⁹Au-196

MAT 7924

(p,2α)

⁷⁹Au-196

Radionuclide Production Cross Section

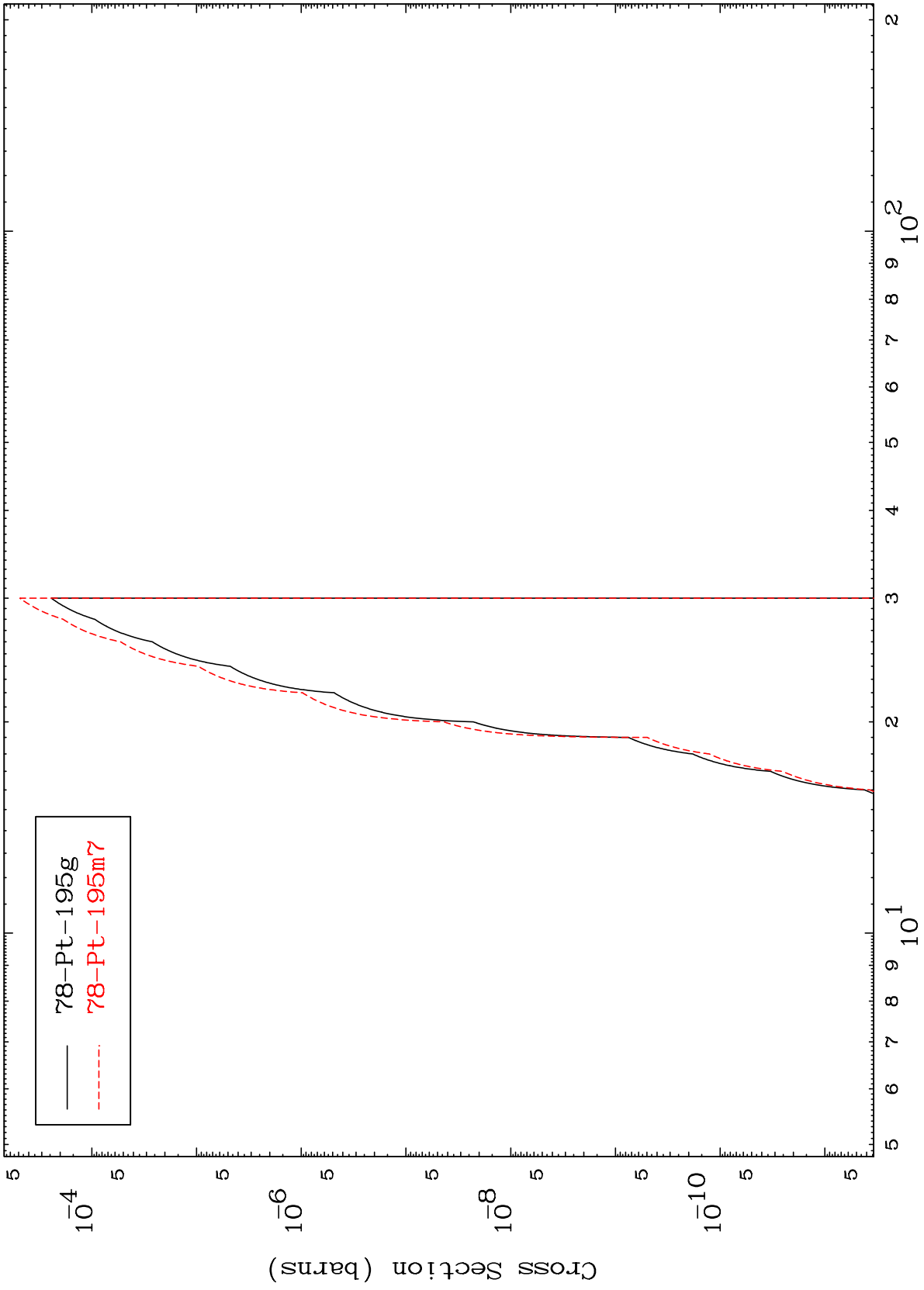


⁷⁹Au-196

MAT 7924

Radionuclide Production Cross Section
(p,2p)

⁷⁹Au-196



— 78-Pt-195g
- - - 78-Pt-195m7

29

Incident Energy (MeV)

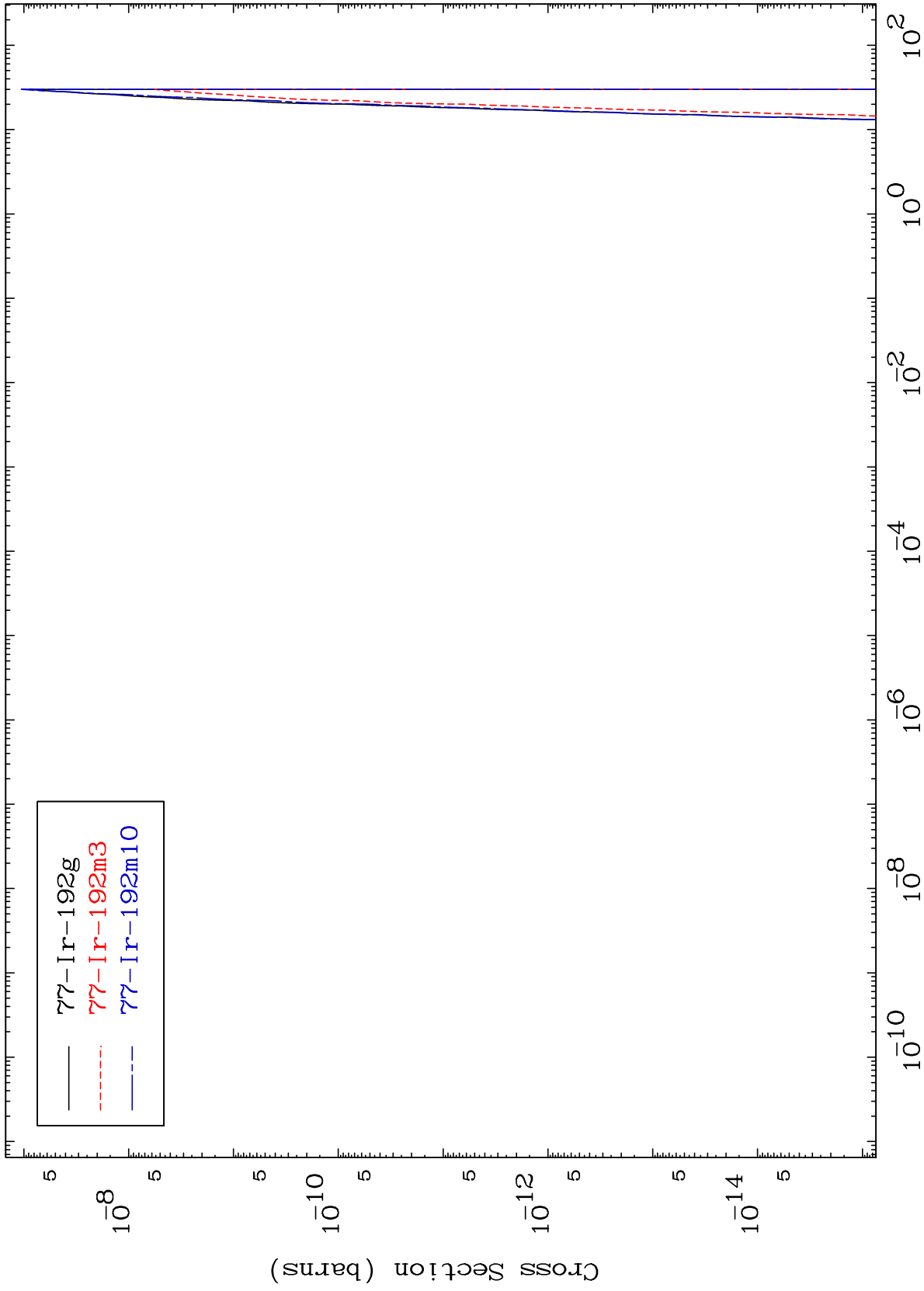
⁷⁹Au-196

MAT 7924

(p,p) α

⁷⁹Au-196

Radionuclide Production Cross Section



30

Incident Energy (MeV)

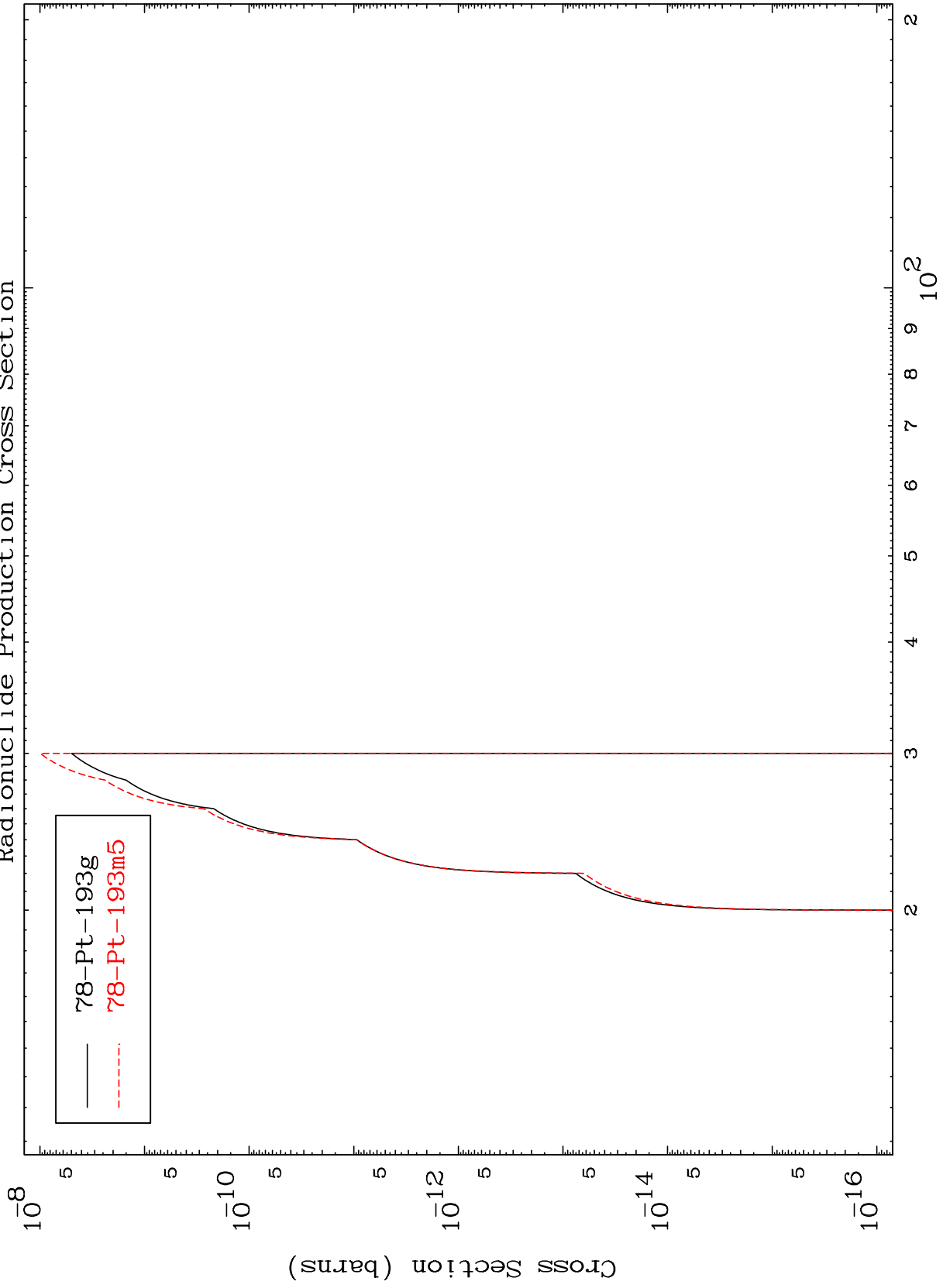
⁷⁹Au-196

MAT 7924

(p,p) t

79-Au-196

Radionuclide Production Cross Section



31

Incident Energy (MeV)

79-Au-196