

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

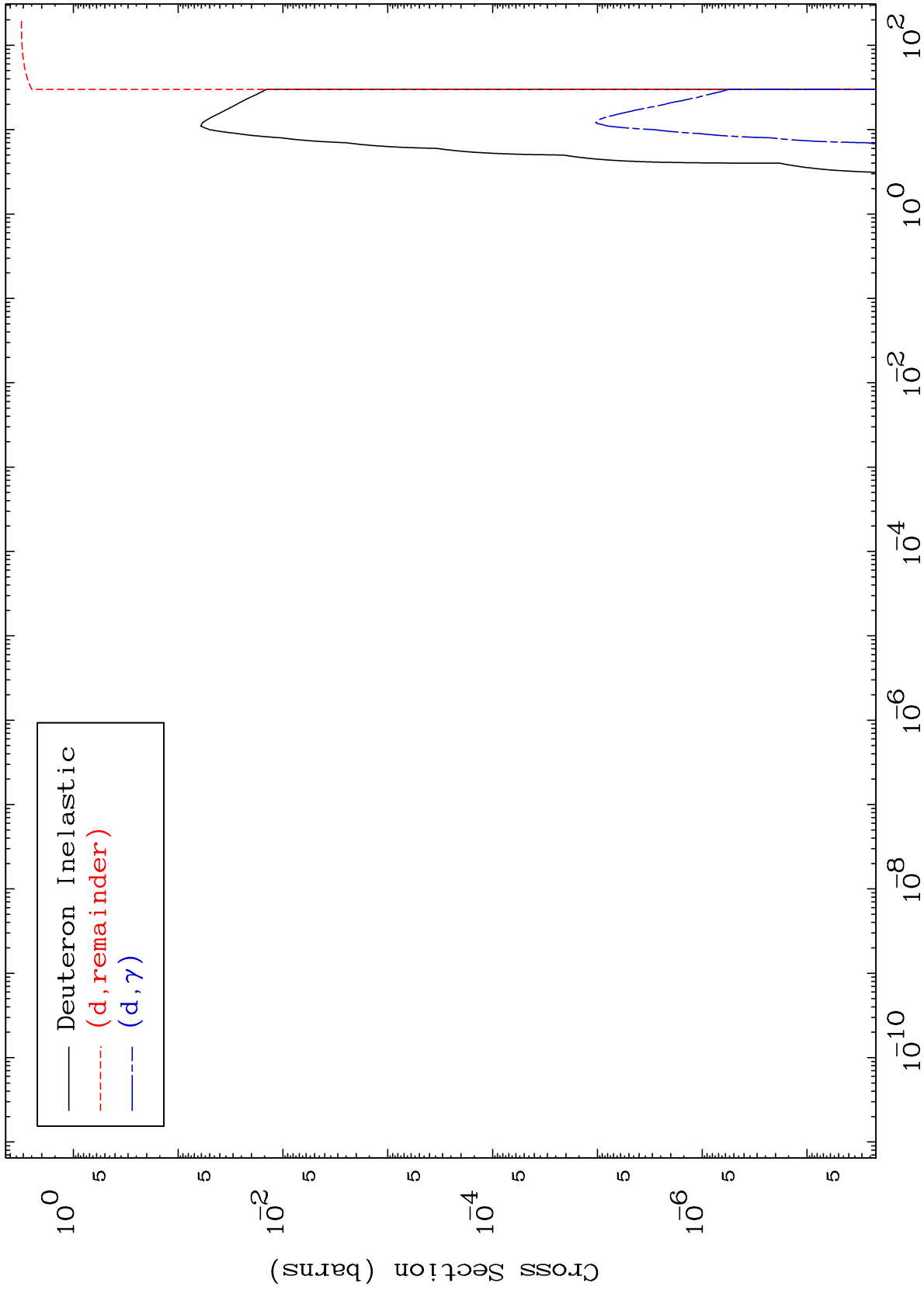
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Web:redcullen1.net/HOMEPAGE.NEW

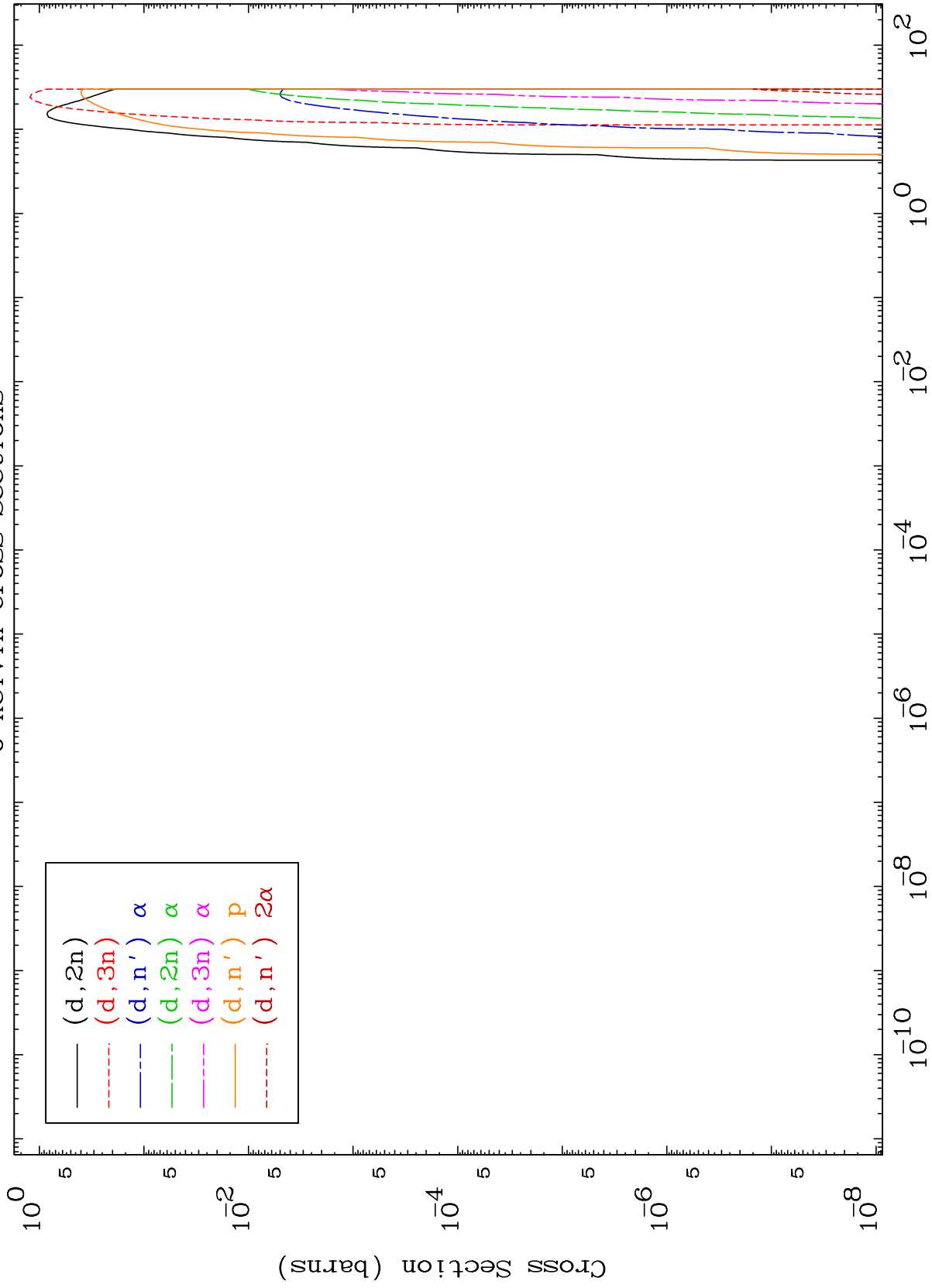
Press Mouse Button to Start



MAT 7920

Deuteron Neutron Production
0 Kelvin Cross Sections

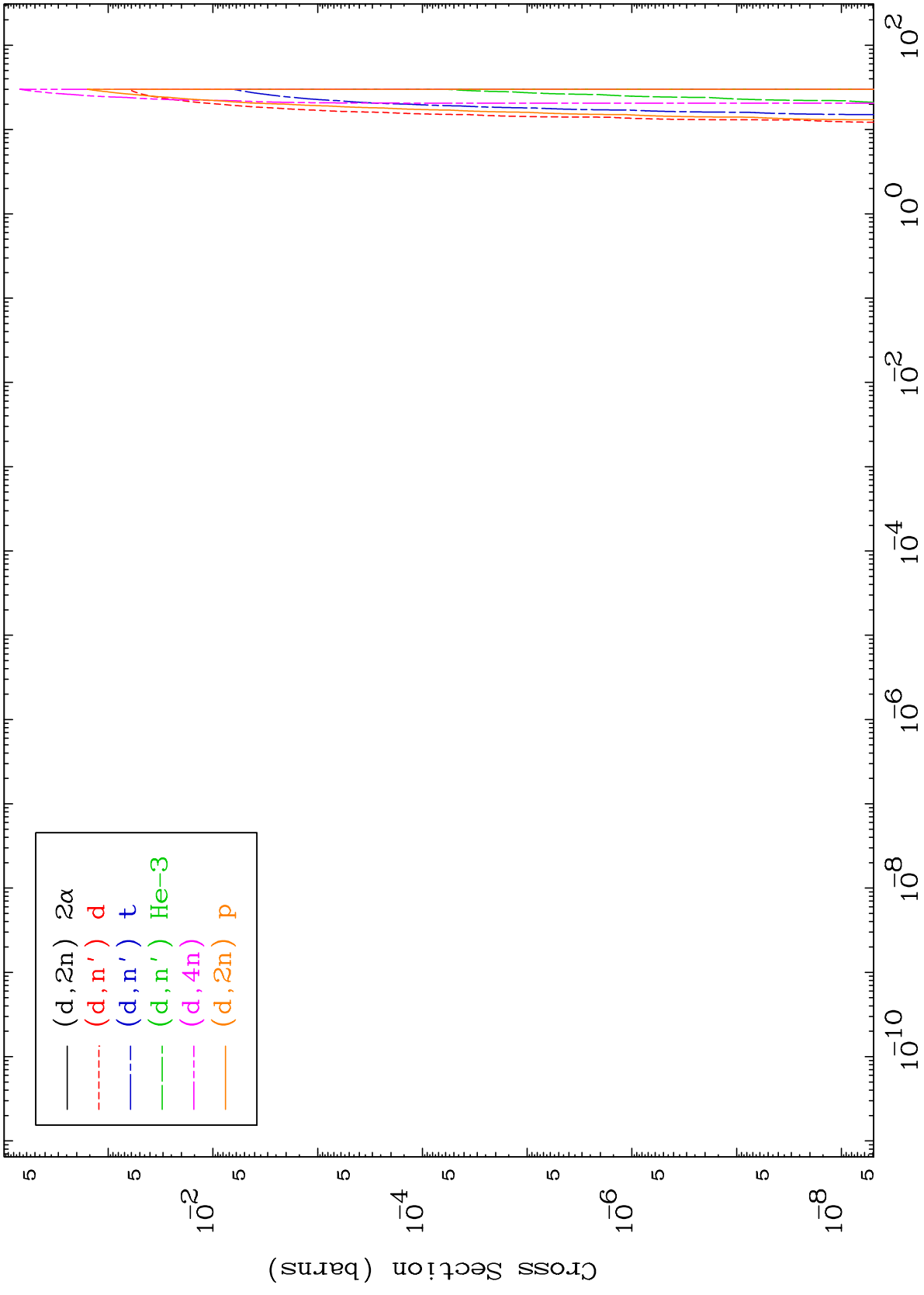
79-Au-195



2

Incident Energy (MeV)

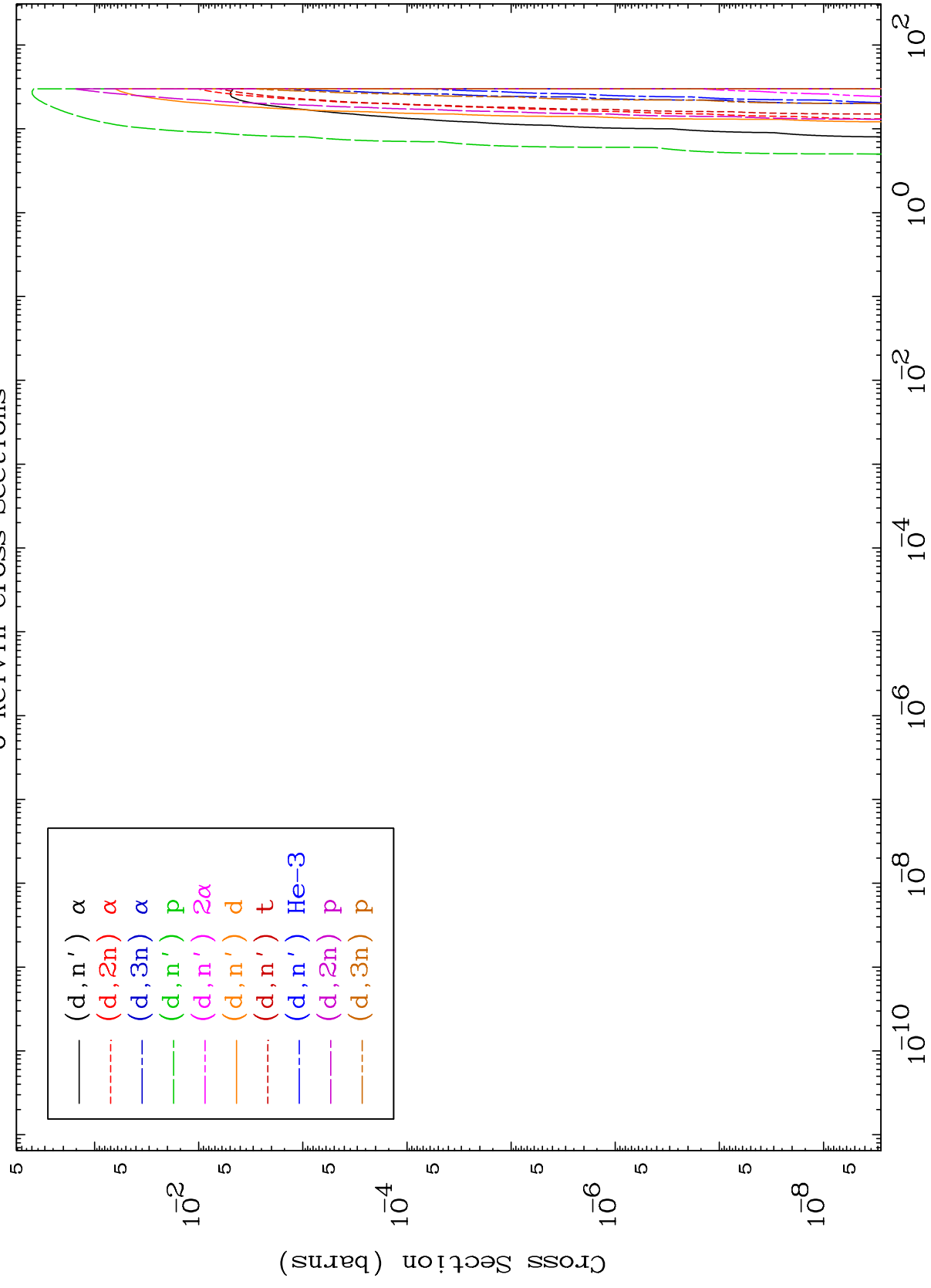
79-Au-195



MAT 7920

Deuteron Charged Particle
0 Kelvin Cross Sections

79-Au-195

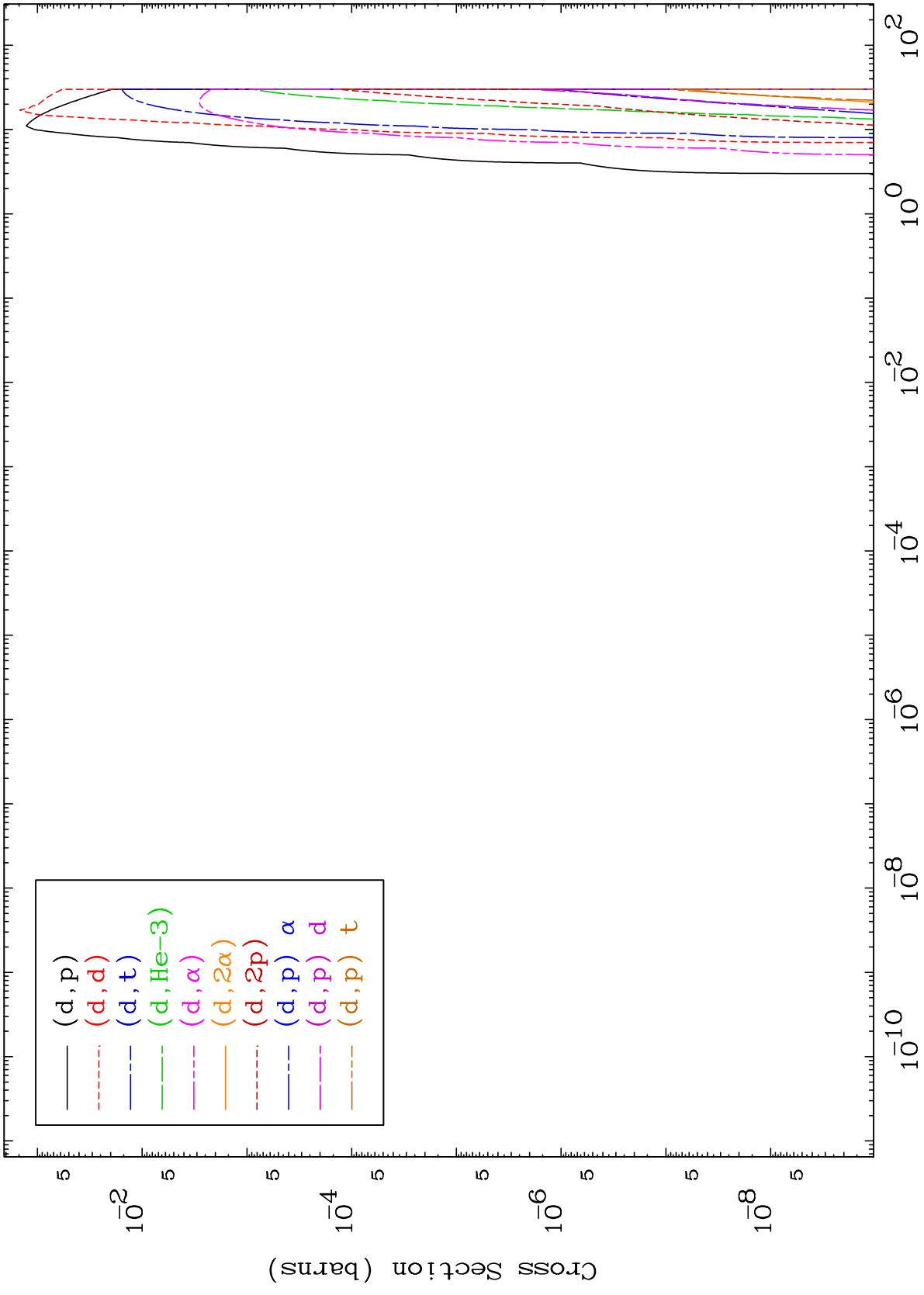


79-Au-195

MAT 7920

Deuteron Charged Particle
0 Kelvin Cross Sections

79-Au-195



5

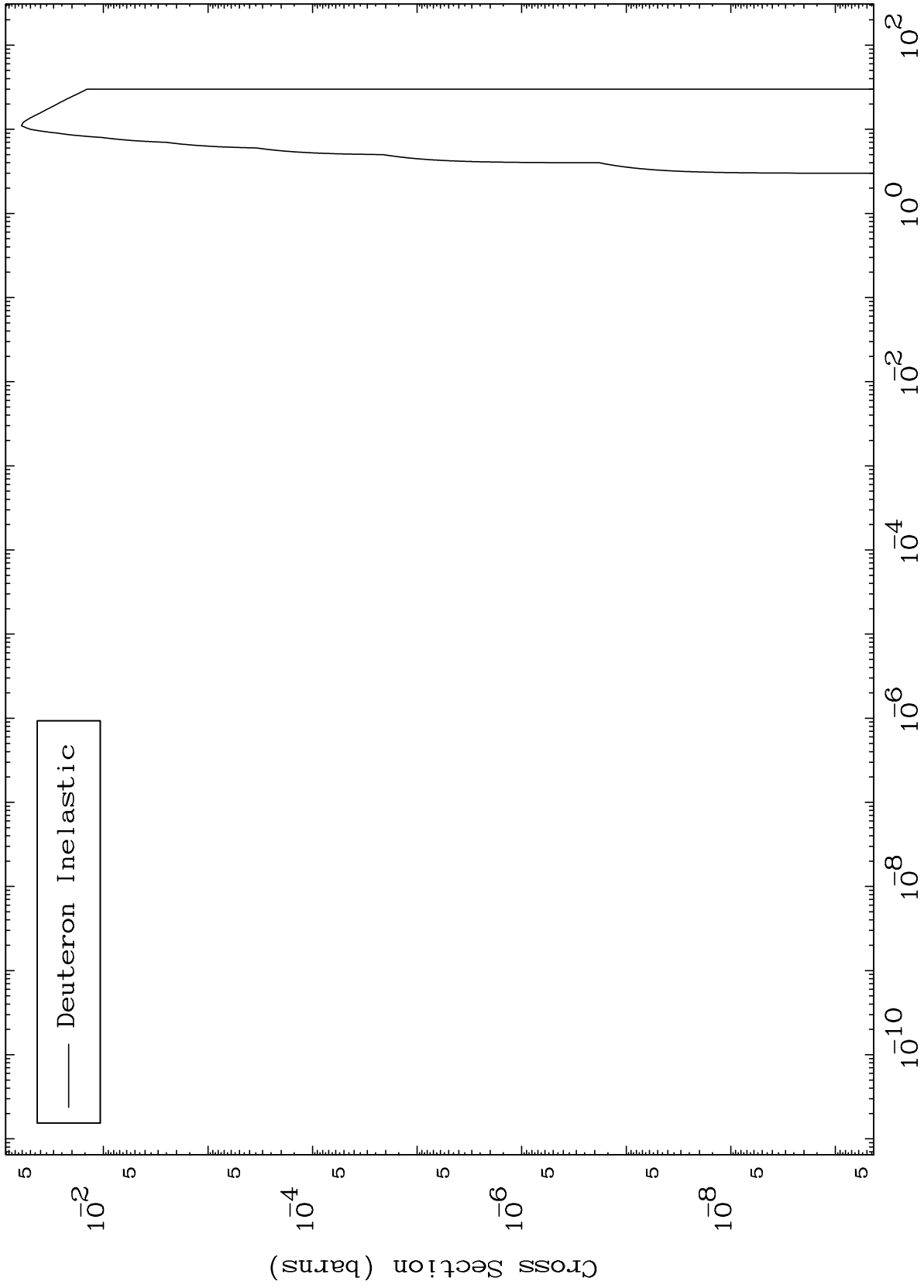
Incident Energy (MeV)

79-Au-195

MAT 7920

(d,n') Level
0 Kelvin Cross Sections

79-Au-195



6

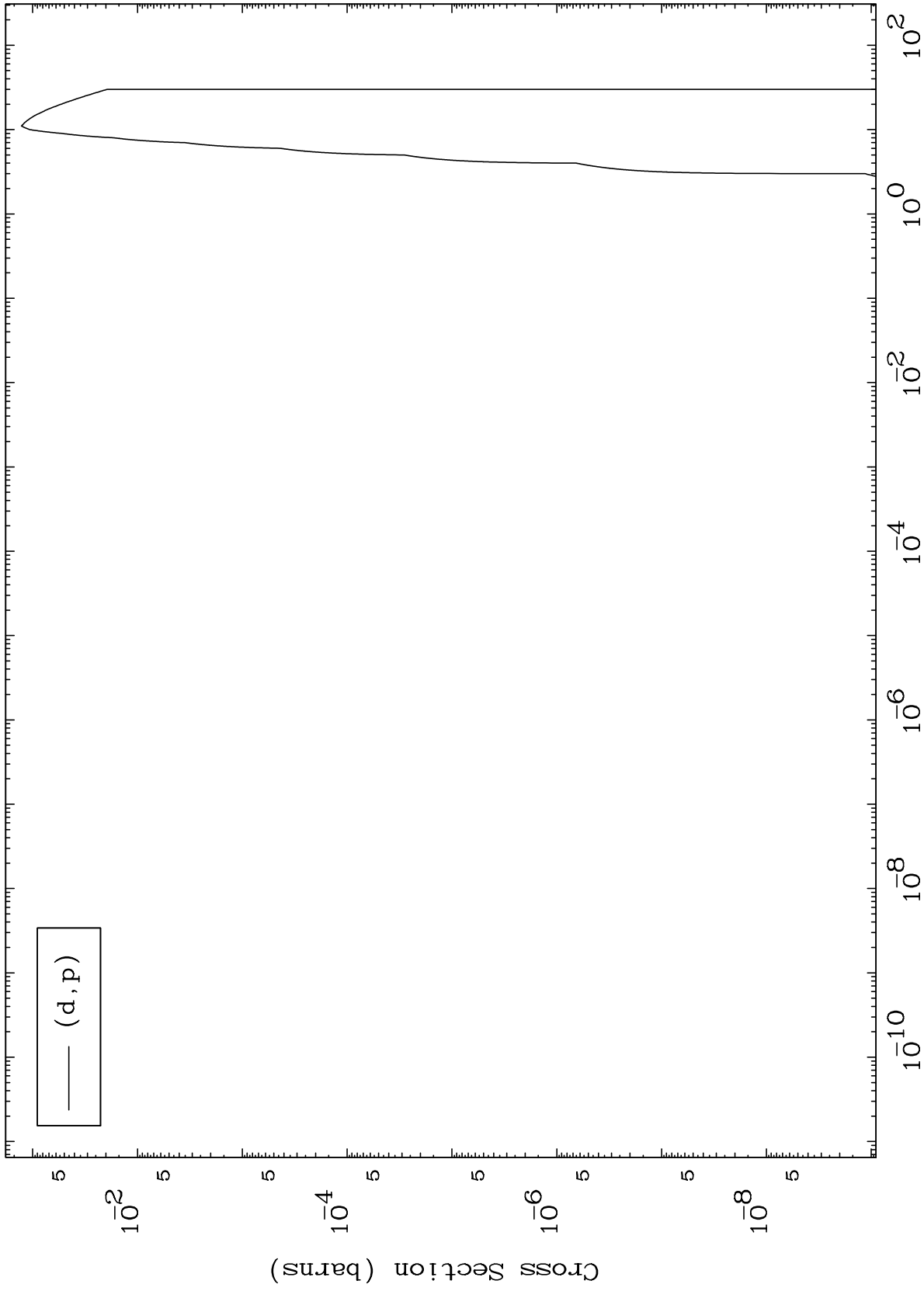
Incident Energy (MeV)

79-Au-195

MAT 7920

(d,p) Levels
0 Kelvin Cross Sections

79-Au-195



7

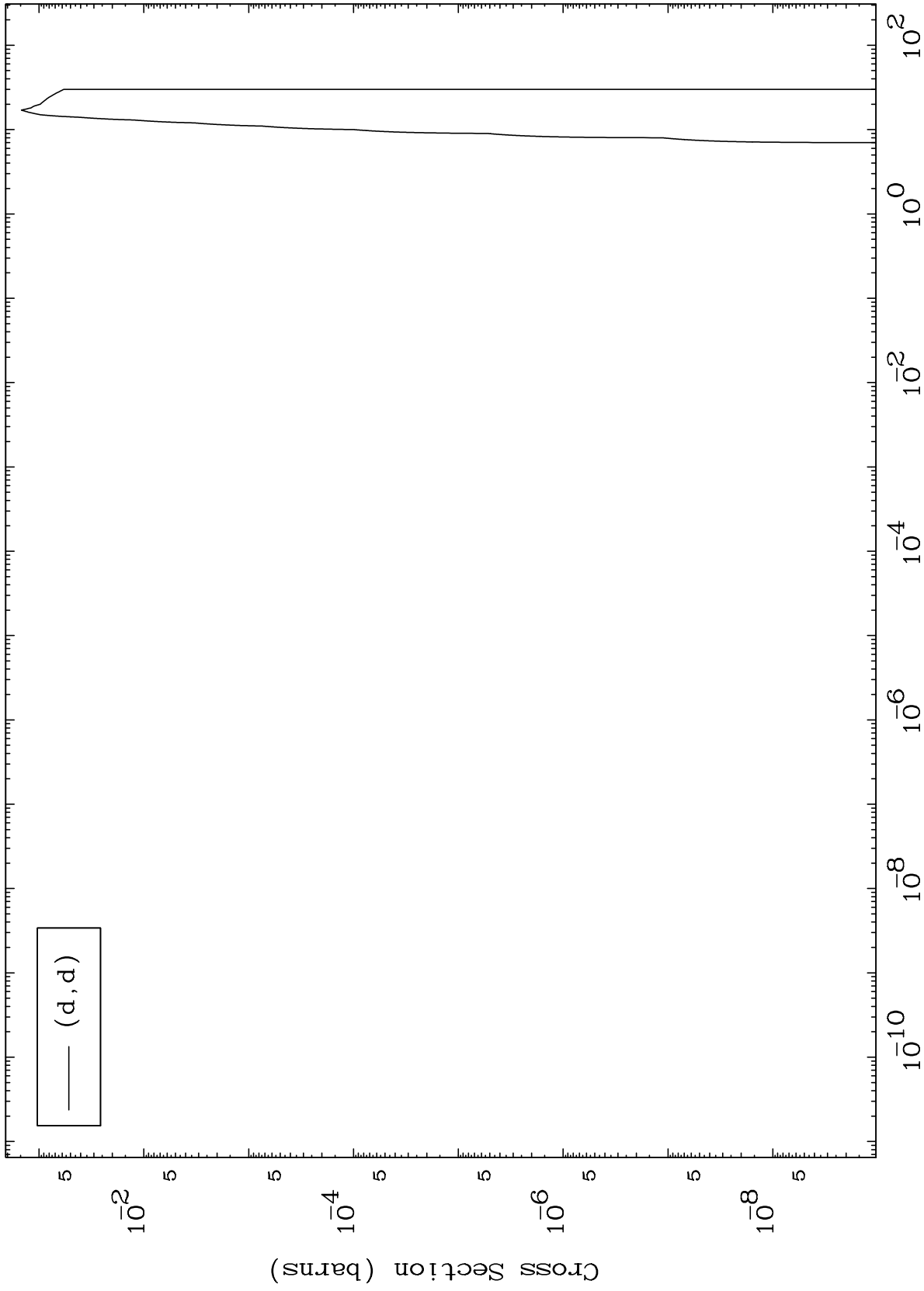
Incident Energy (MeV)

79-Au-195

MAT 7920

(d,d) Levels
0 Kelvin Cross Sections

79-Au-195



8

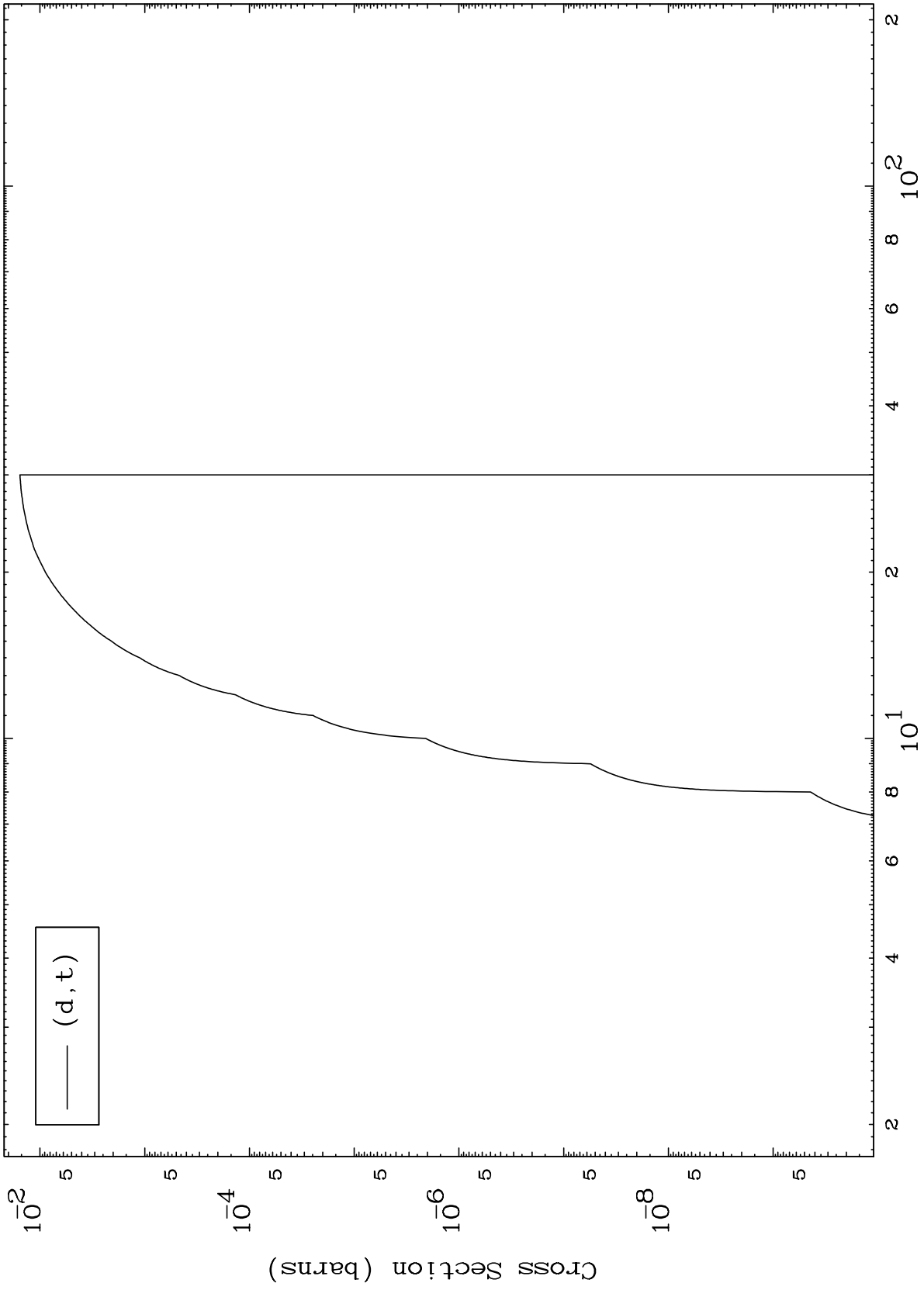
Incident Energy (MeV)

79-Au-195

MAT 7920

(d,t) Levels
0 Kelvin Cross Sections

79-Au-195



9

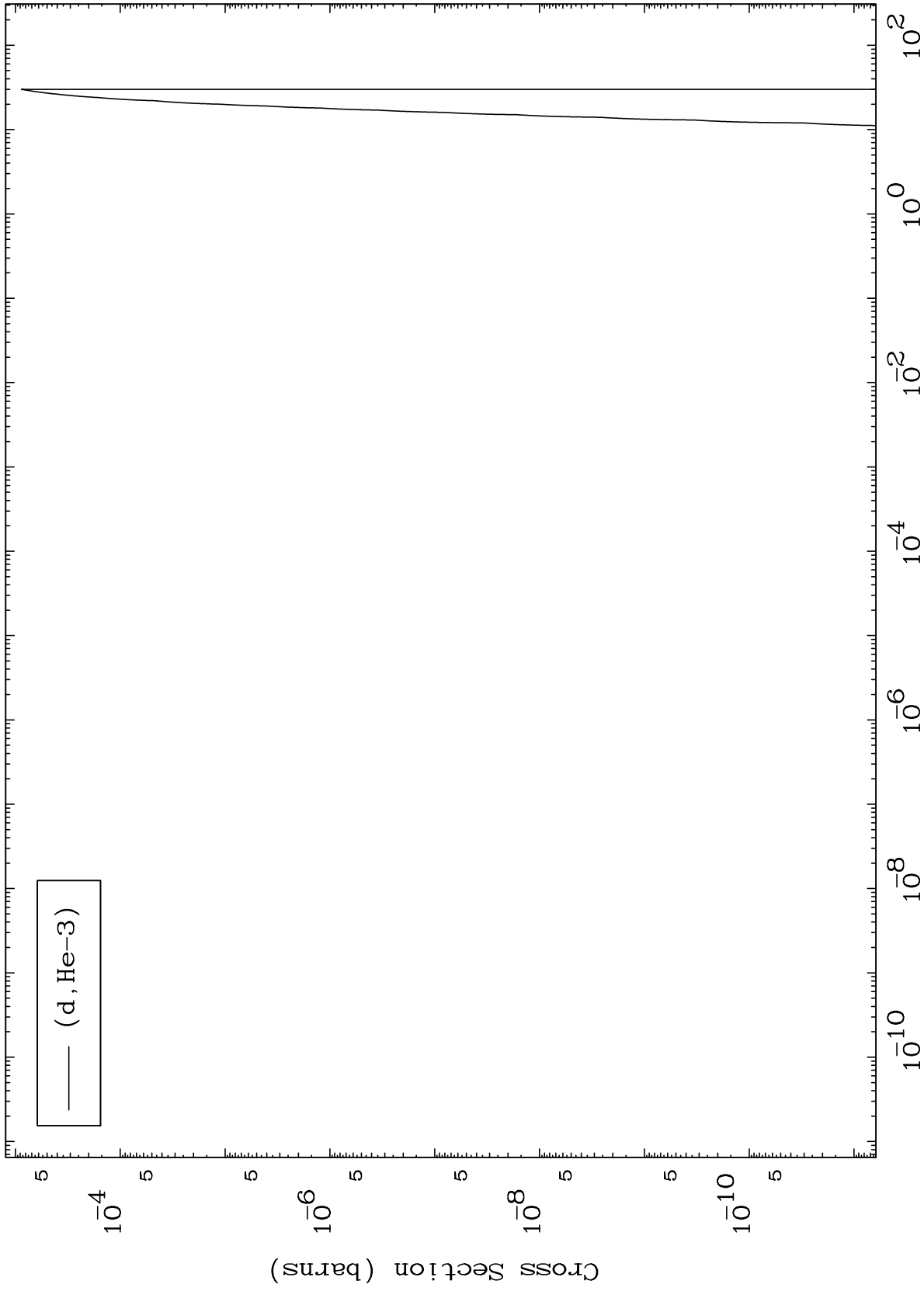
Incident Energy (MeV)

79-Au-195

MAT 7920

(d,He3) Levels
0 Kelvin Cross Sections

79-Au-195



10

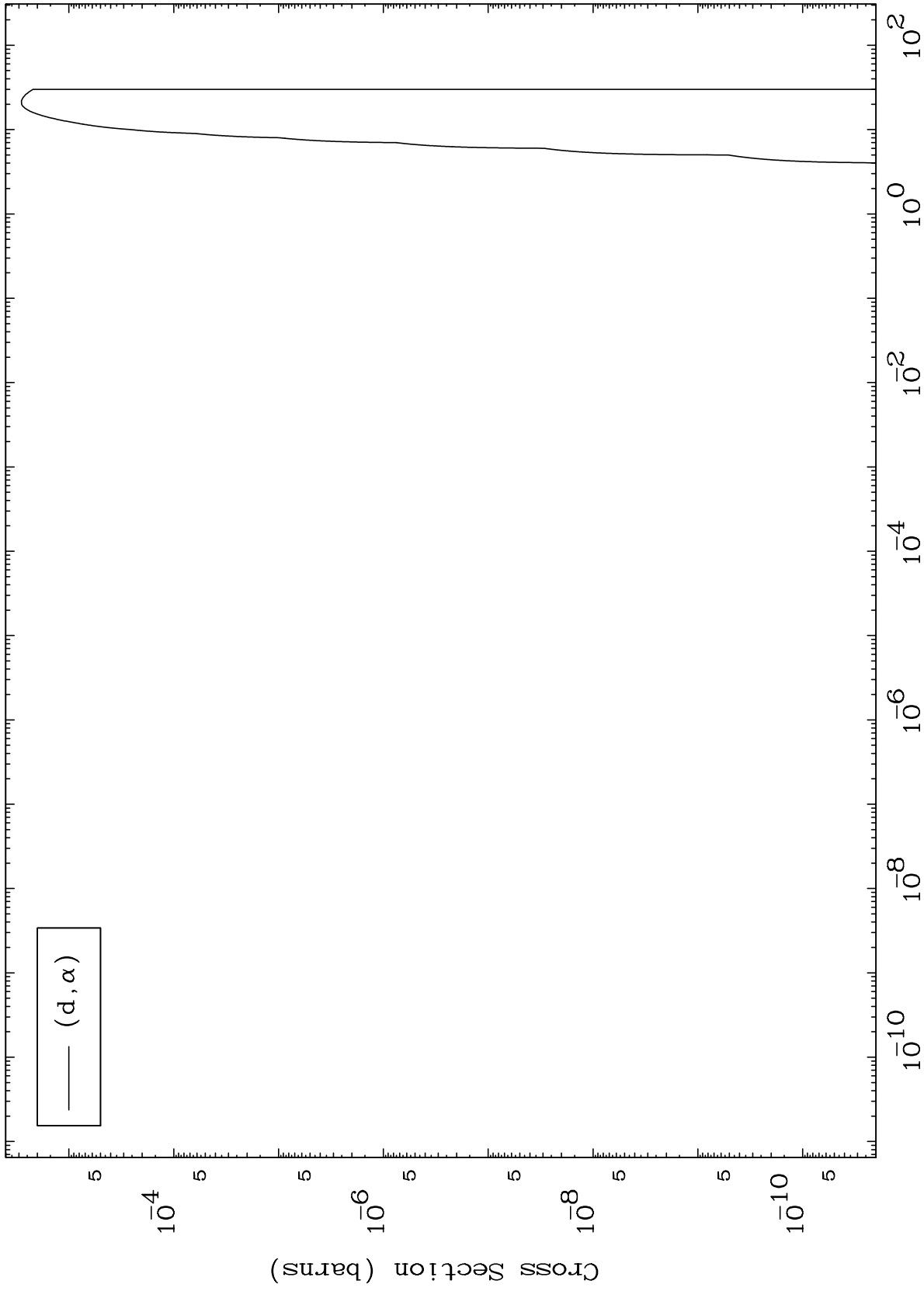
Incident Energy (MeV)

79-Au-195

MAT 7920

(d, α) Levels
0 Kelvin Cross Sections

79-Au-195



11

Incident Energy (MeV)

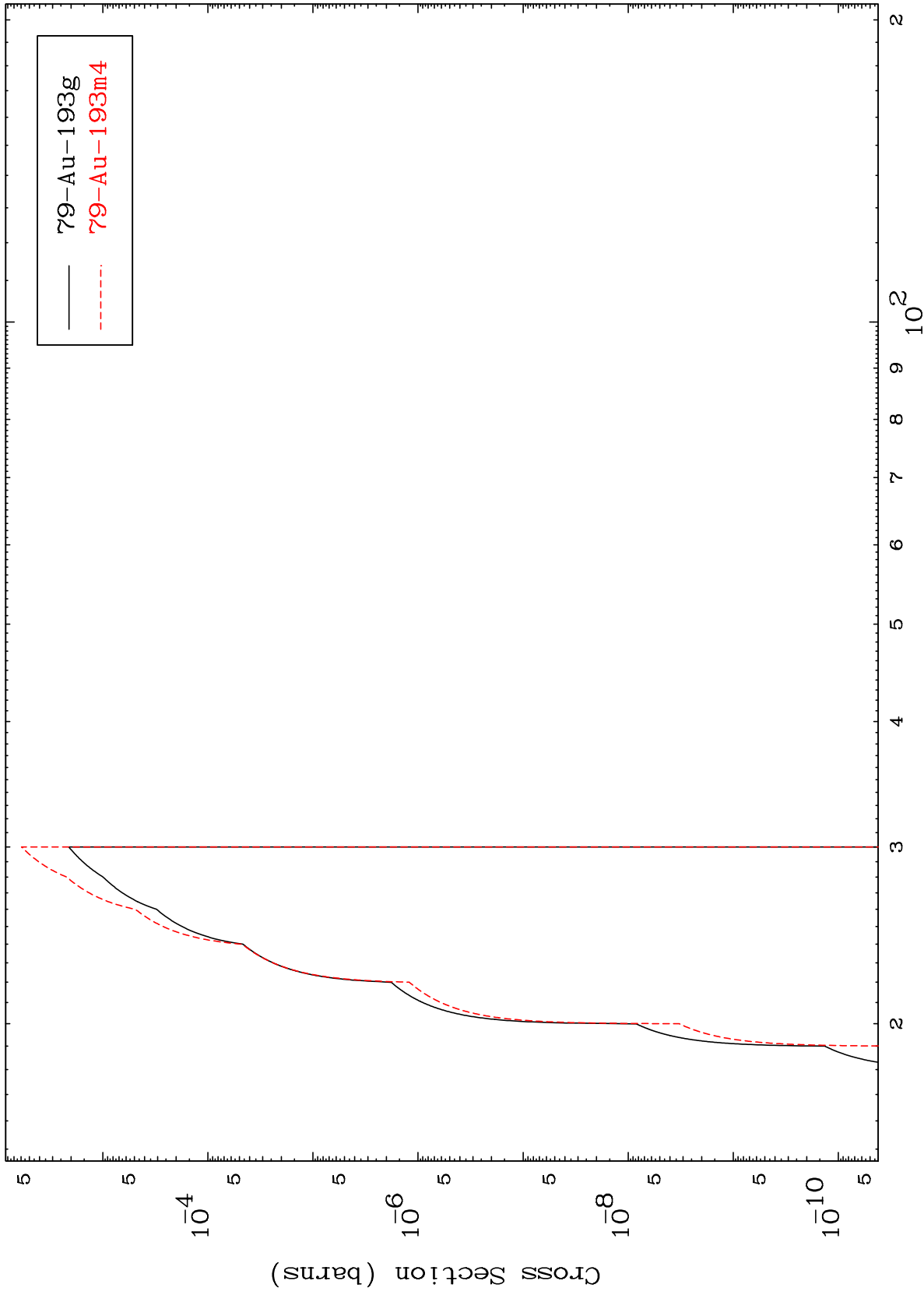
79-Au-195

MAT 7920

(d,2n) d

⁷⁹Au-195

Radionuclide Production Cross Section



12

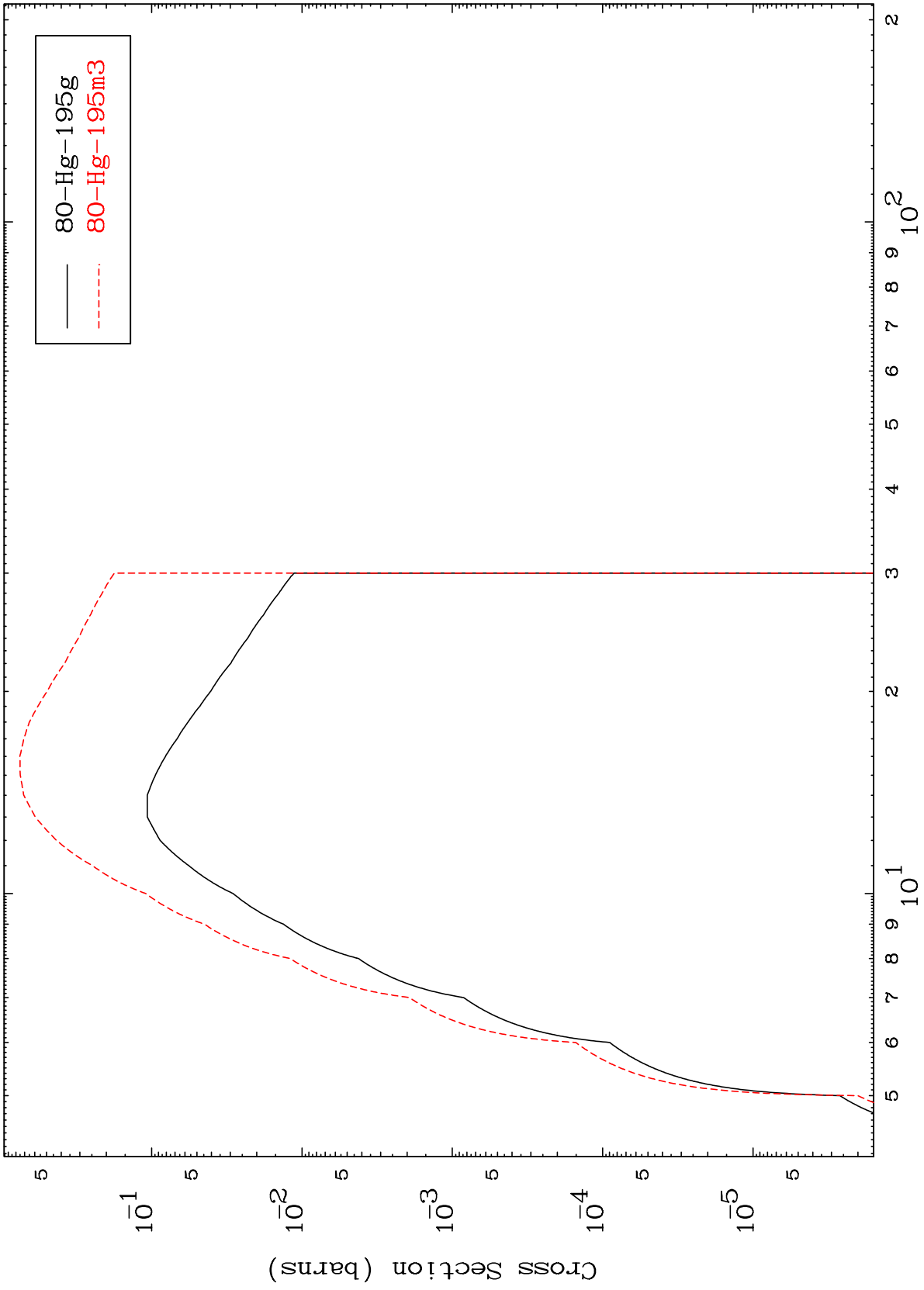
Incident Energy (MeV)

⁷⁹Au-195

MAT 7920

79-Au-195

(d,2n)
Radionuclide Production Cross Section



13

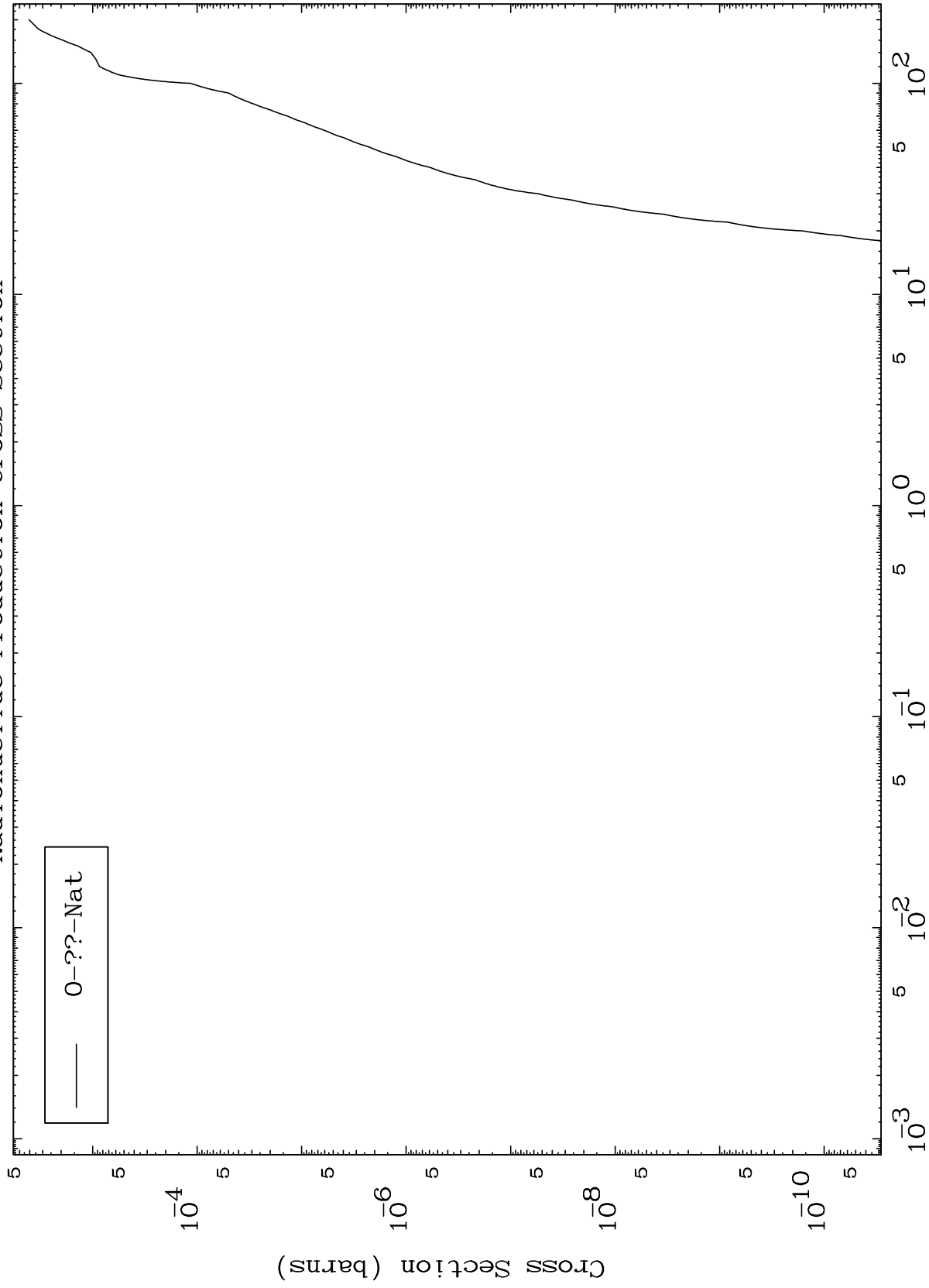
Incident Energy (MeV)

79-Au-195

MAT 7920

Deuteron Fission
Radionuclide Production Cross Section

79-Au-195



14

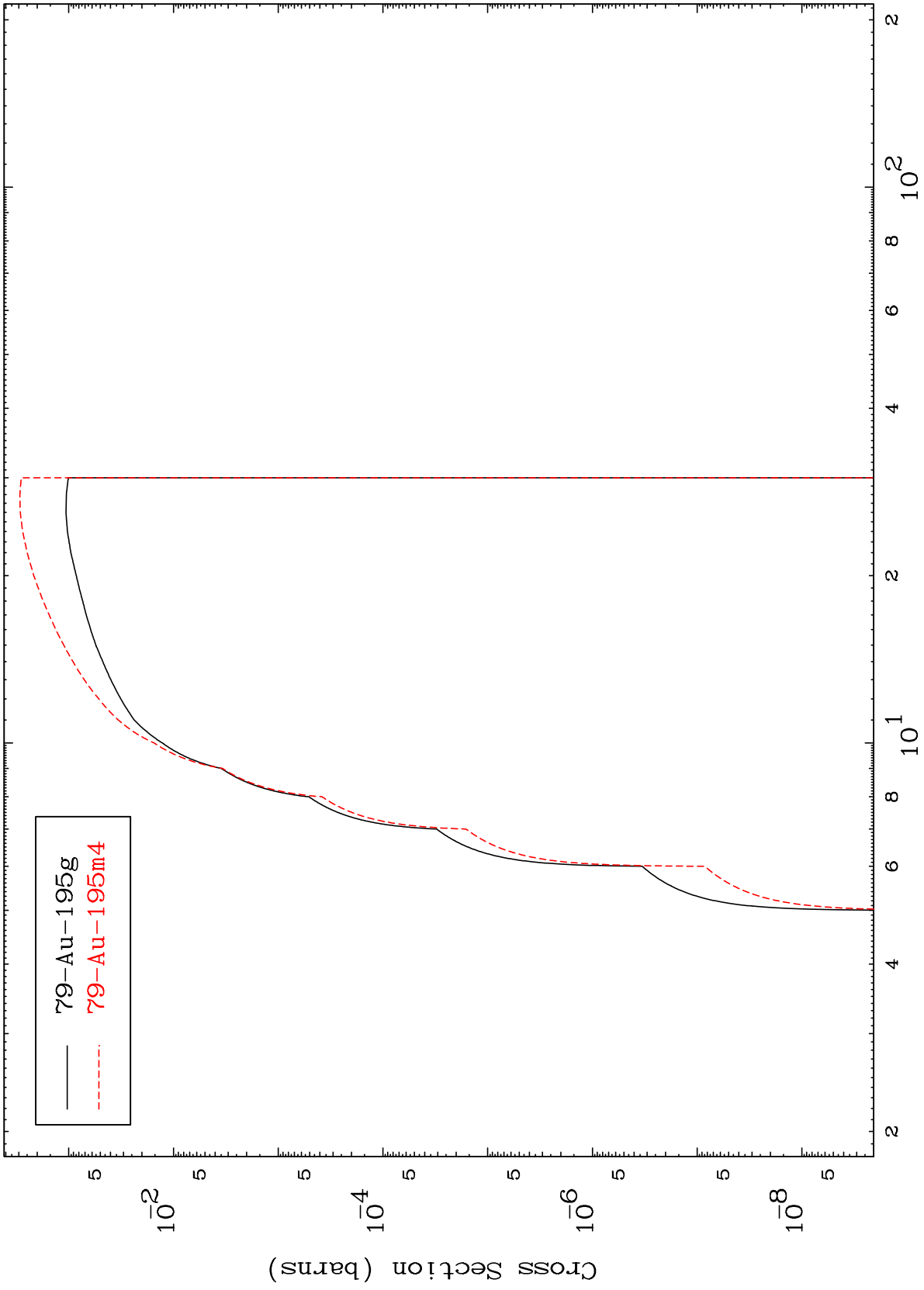
Incident Energy (MeV)

79-Au-195

MAT 7920

⁷⁹Au-195

(d,n') p
Radionuclide Production Cross Section



15

Incident Energy (MeV)

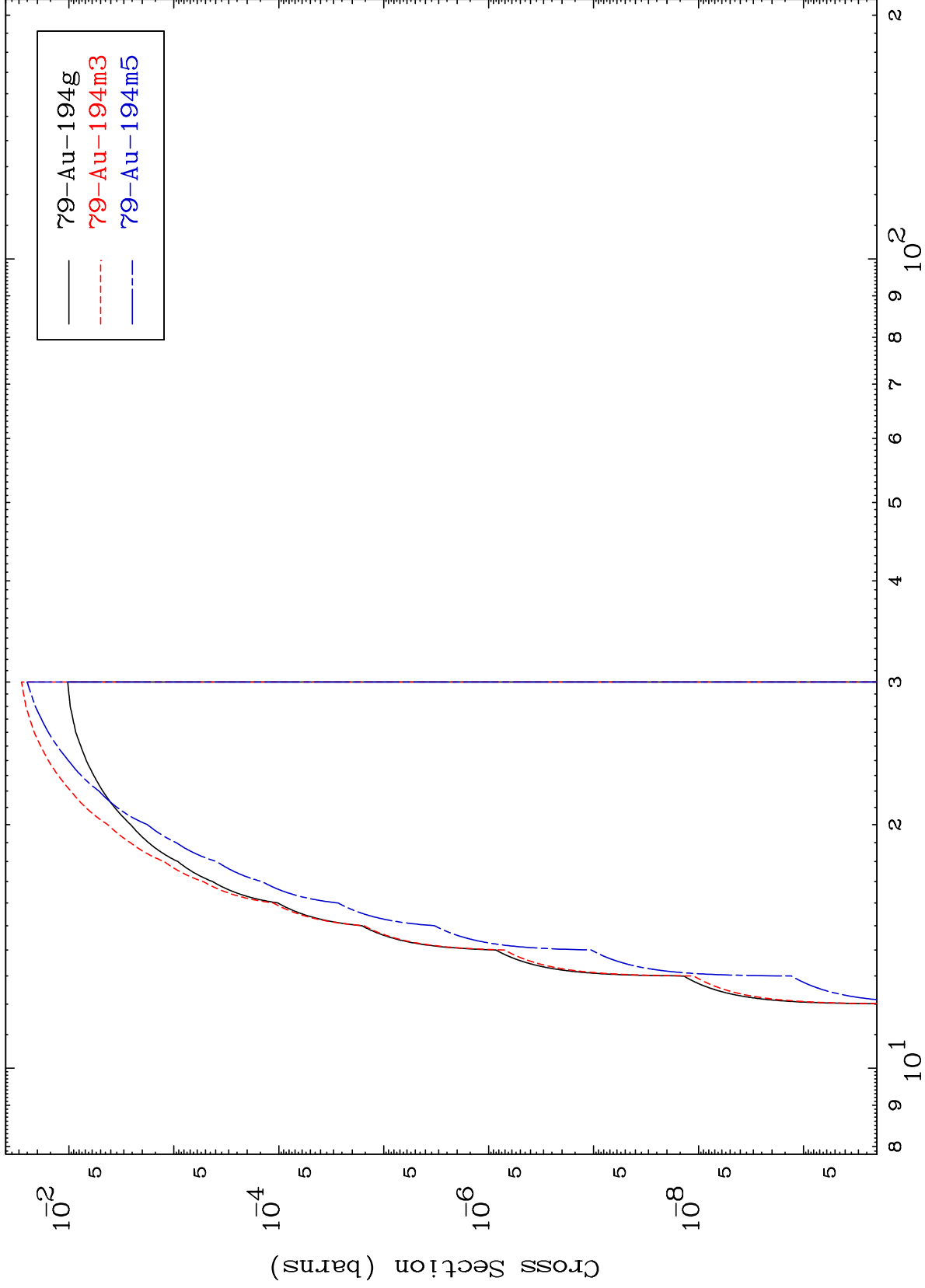
⁷⁹Au-195

MAT 7920

(d,n') d

⁷⁹Au-¹⁹⁵

Radionuclide Production Cross Section



16

Incident Energy (MeV)

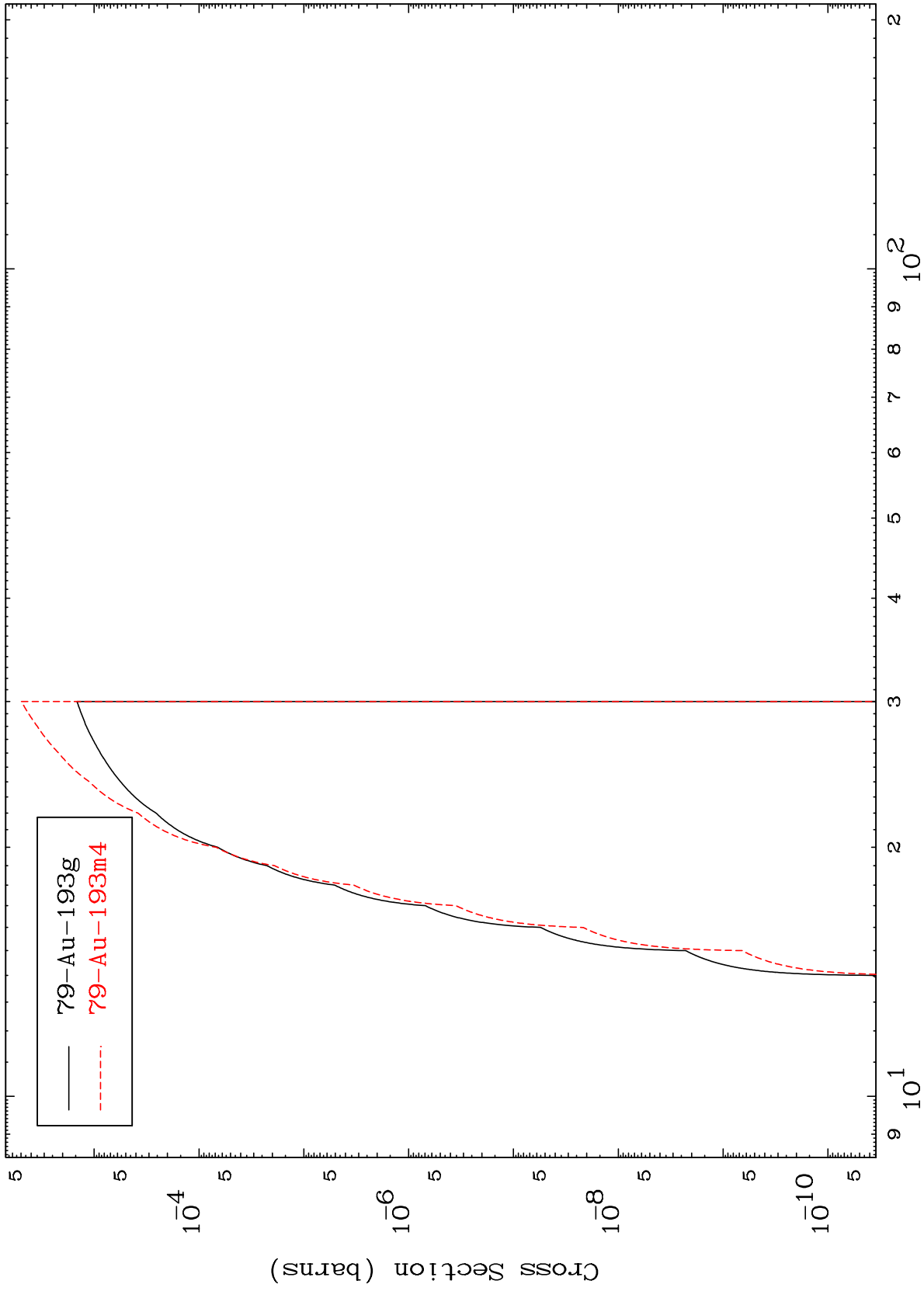
⁷⁹Au-¹⁹⁵

MAT 7920

(d,n') t

⁷⁹Au-195

Radionuclide Production Cross Section



17

Incident Energy (MeV)

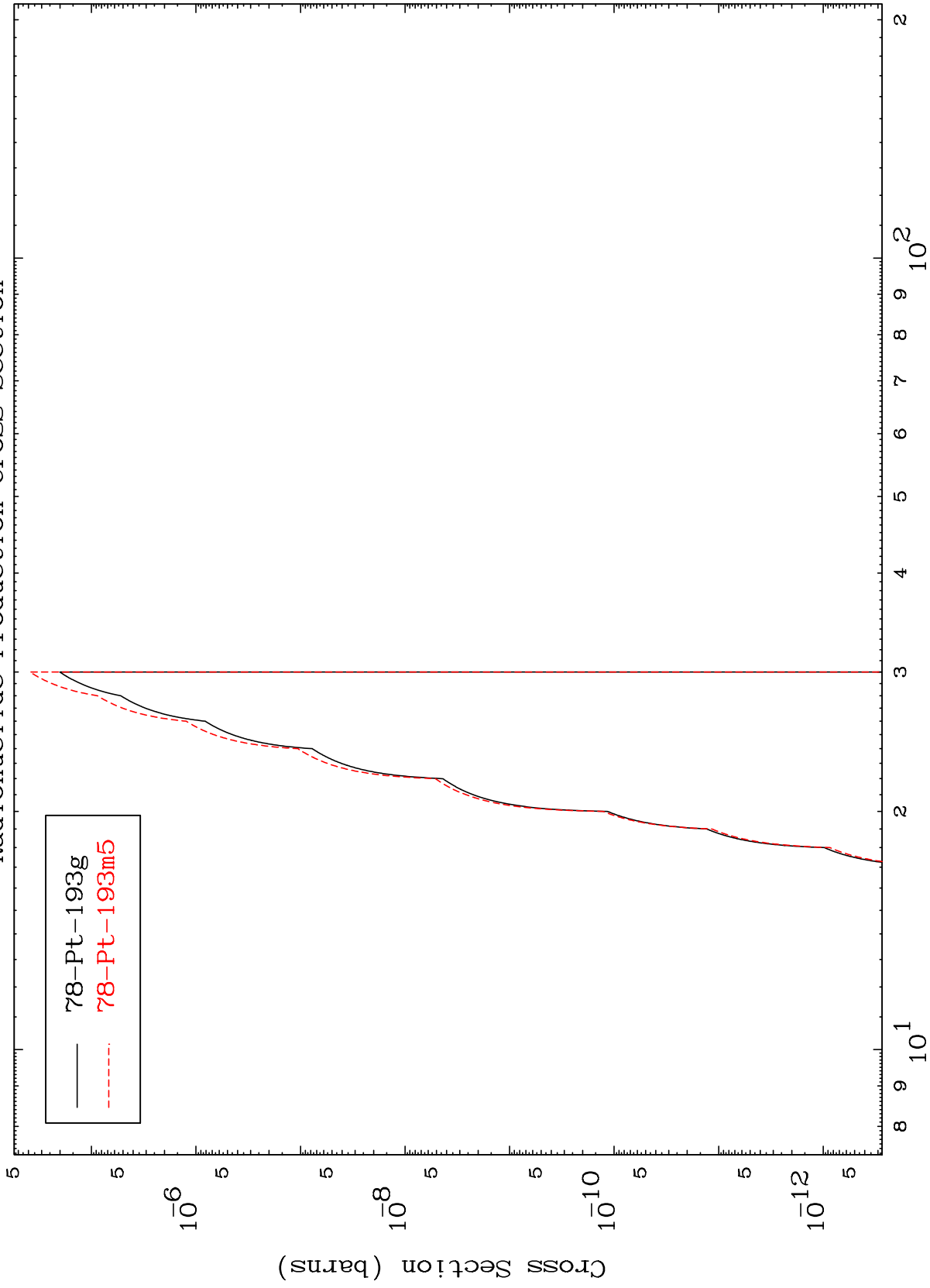
⁷⁹Au-195

MAT 7920

(d, n') He-3

79-Au-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

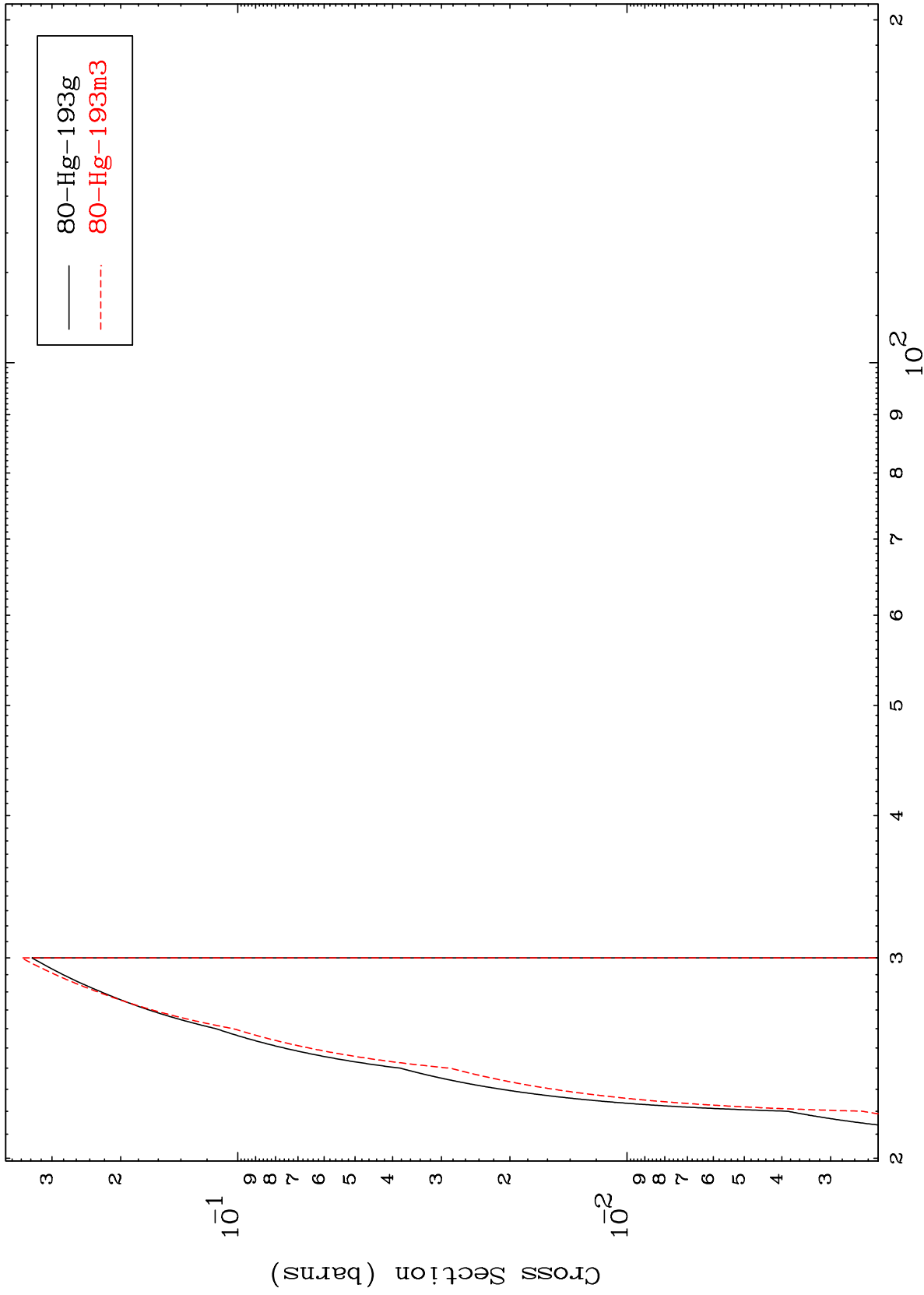
79-Au-195

MAT 7920

(d,4n)

79-Au-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

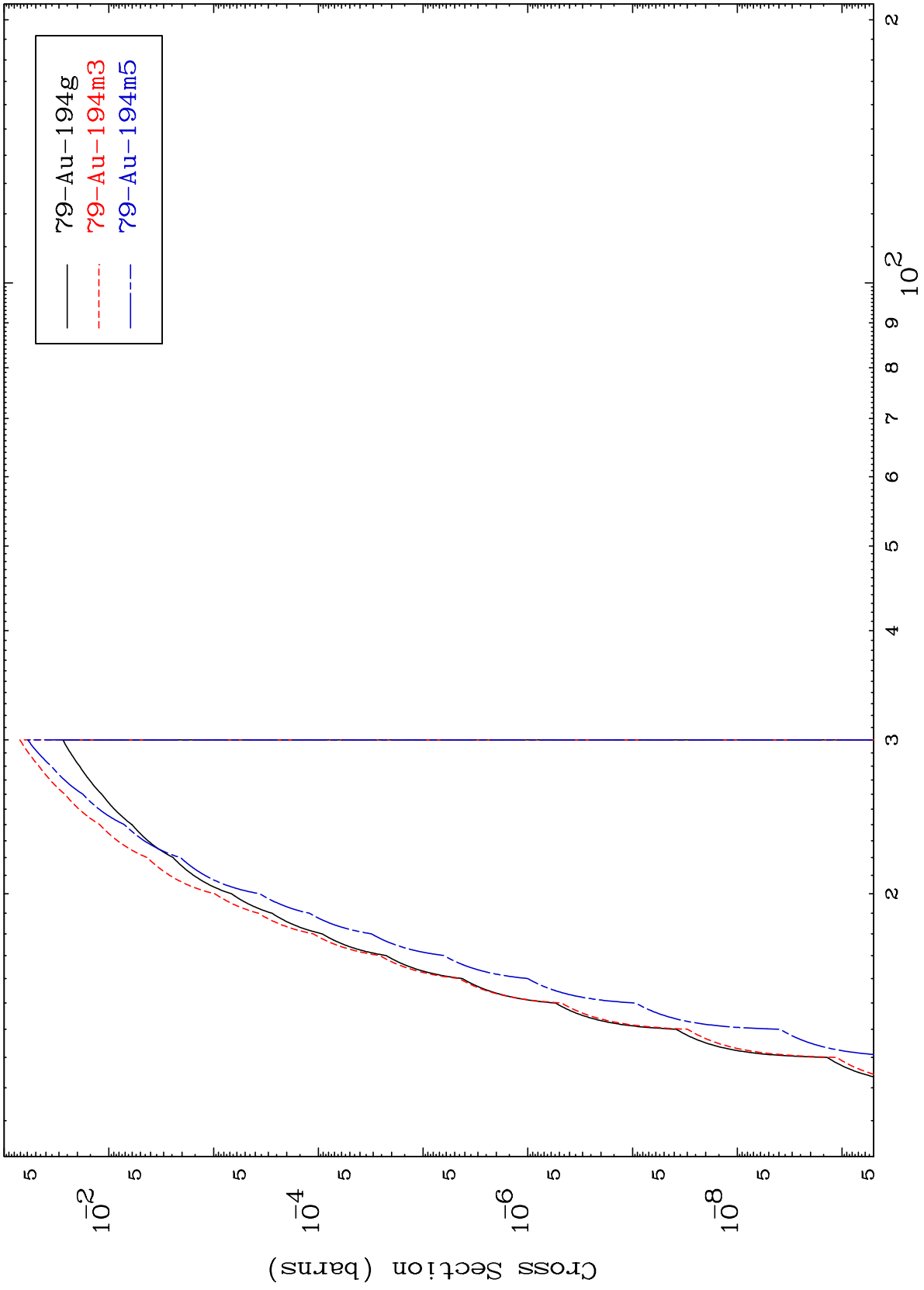
79-Au-195

MAT 7920

(d,2n) p

⁷⁹Au-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

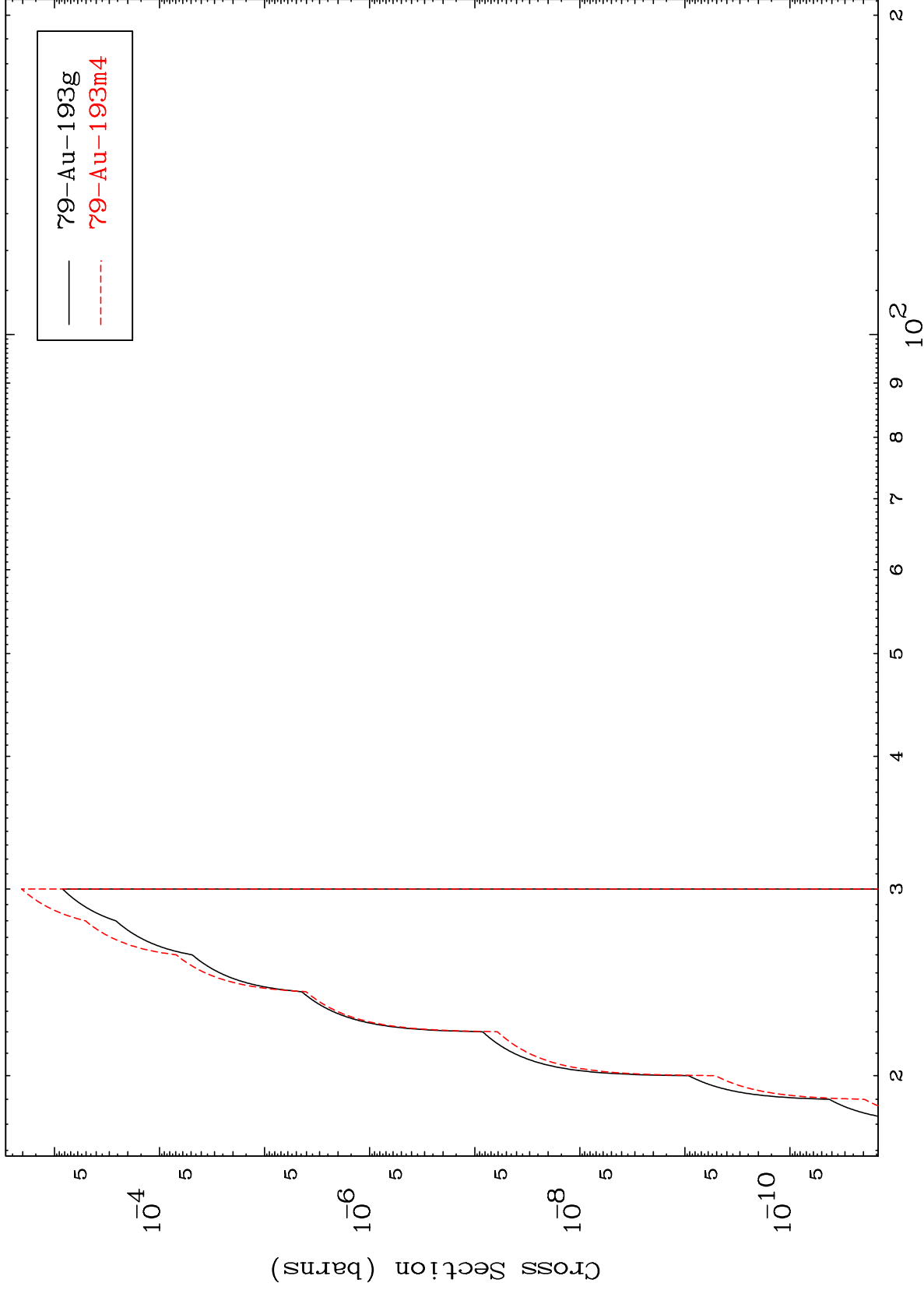
⁷⁹Au-195

MAT 7920

(d,3n) p

⁷⁹Au-195

Radionuclide Production Cross Section



21

Incident Energy (MeV)

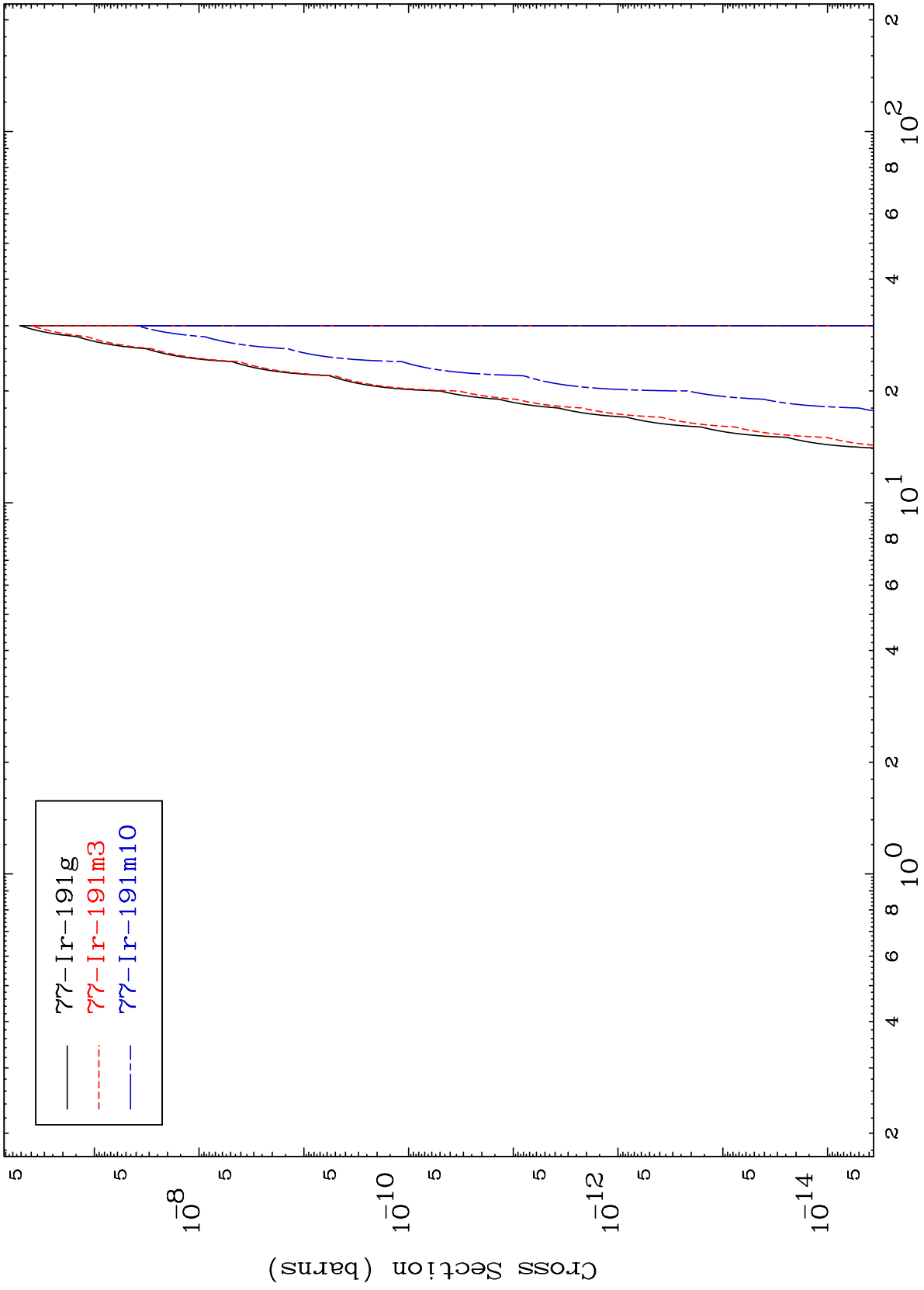
⁷⁹Au-195

MAT 7920

(d,n') p α

79-Au-195

Radionuclide Production Cross Section



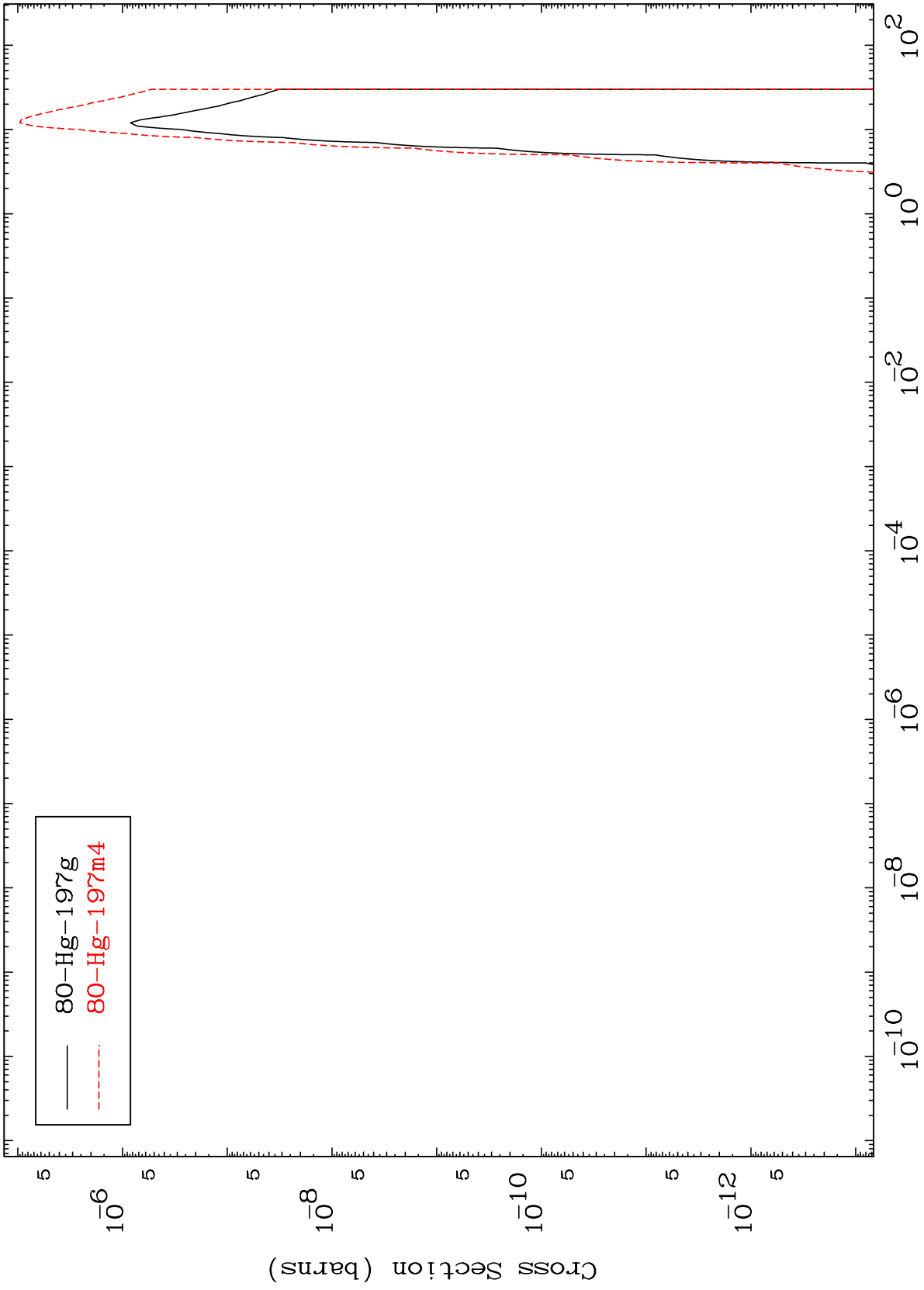
22

79-Au-195

MAT 7920

(d,γ)
Radionuclide Production Cross Section

79-Au-195



23

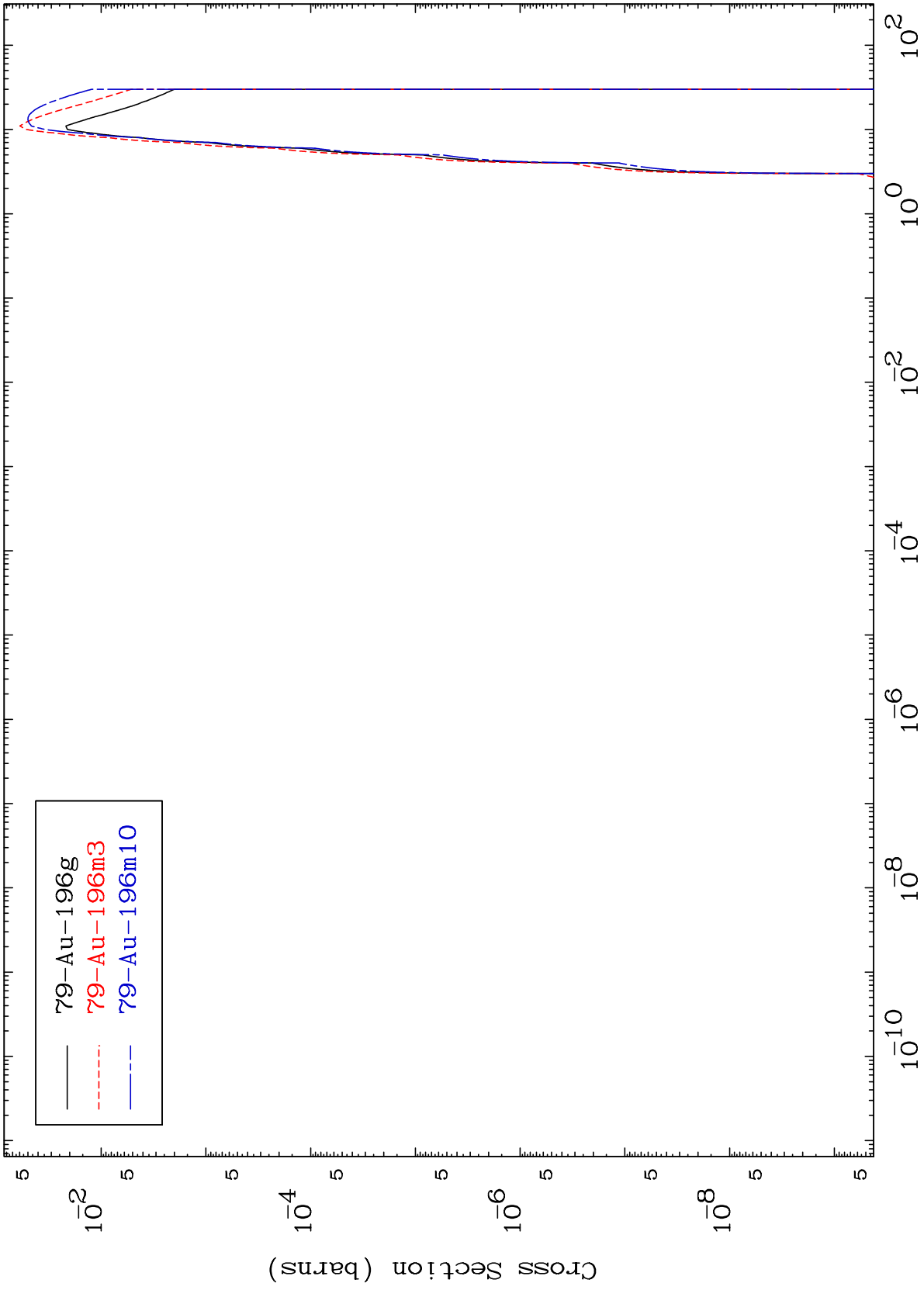
Incident Energy (MeV)

79-Au-195

MAT 7920

(d,p)
Radionuclide Production Cross Section

⁷⁹Au-195



24

Incident Energy (MeV)

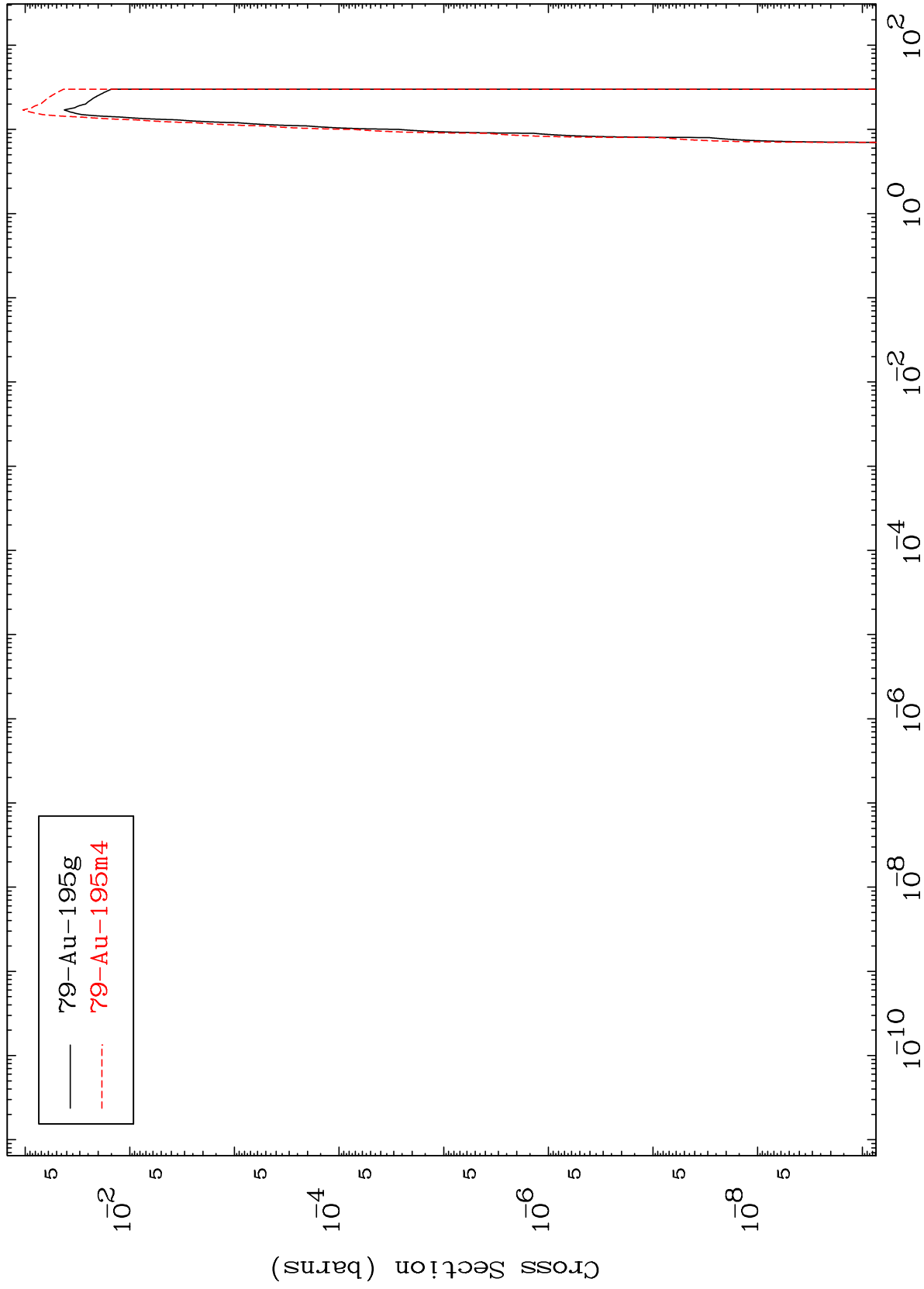
⁷⁹Au-195

MAT 7920

(d,d)

Radionuclide Production Cross Section

⁷⁹Au-195



25

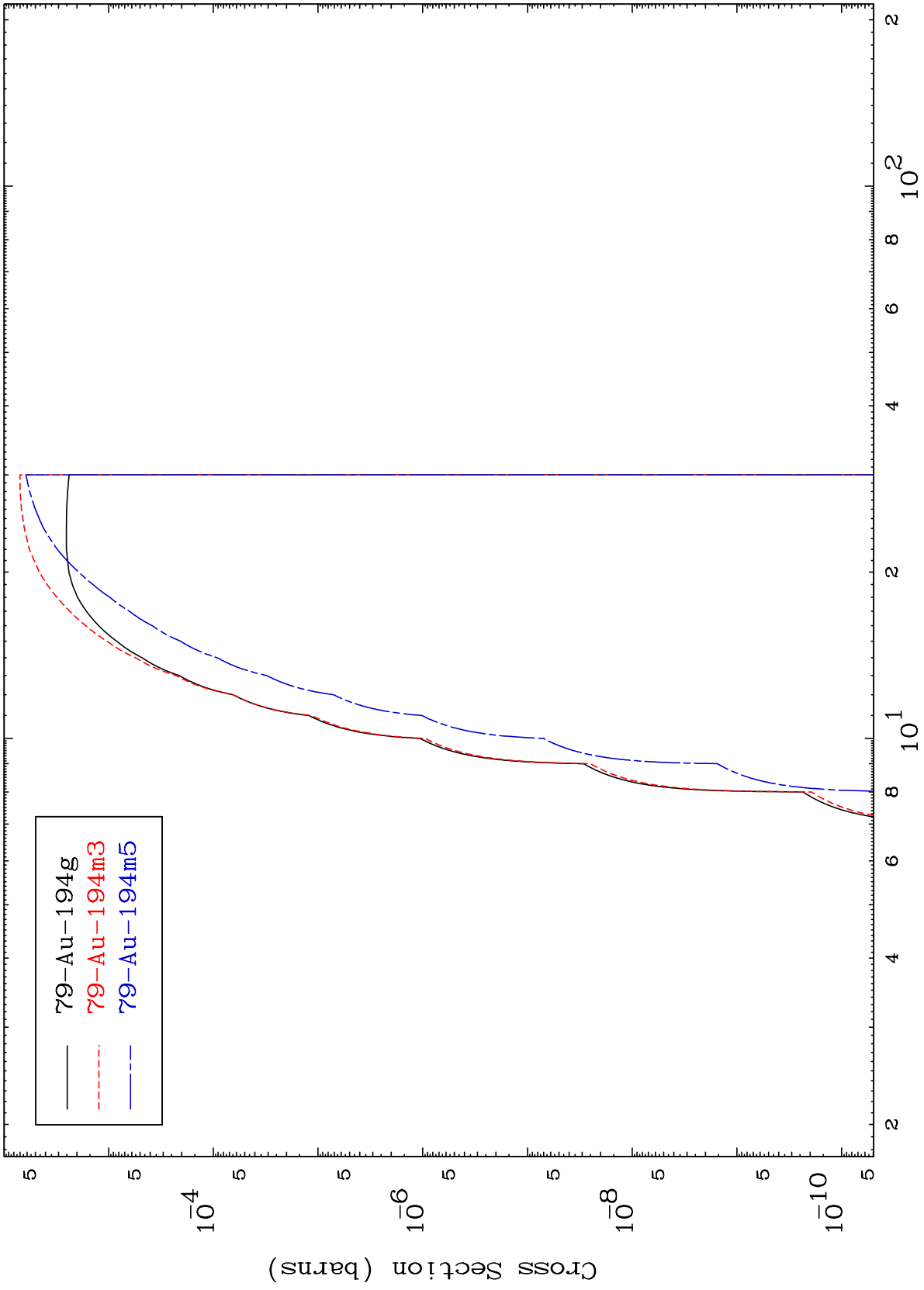
Incident Energy (MeV)

⁷⁹Au-195

MAT 7920

(d, t)
Radionuclide Production Cross Section

⁷⁹Au-195



26

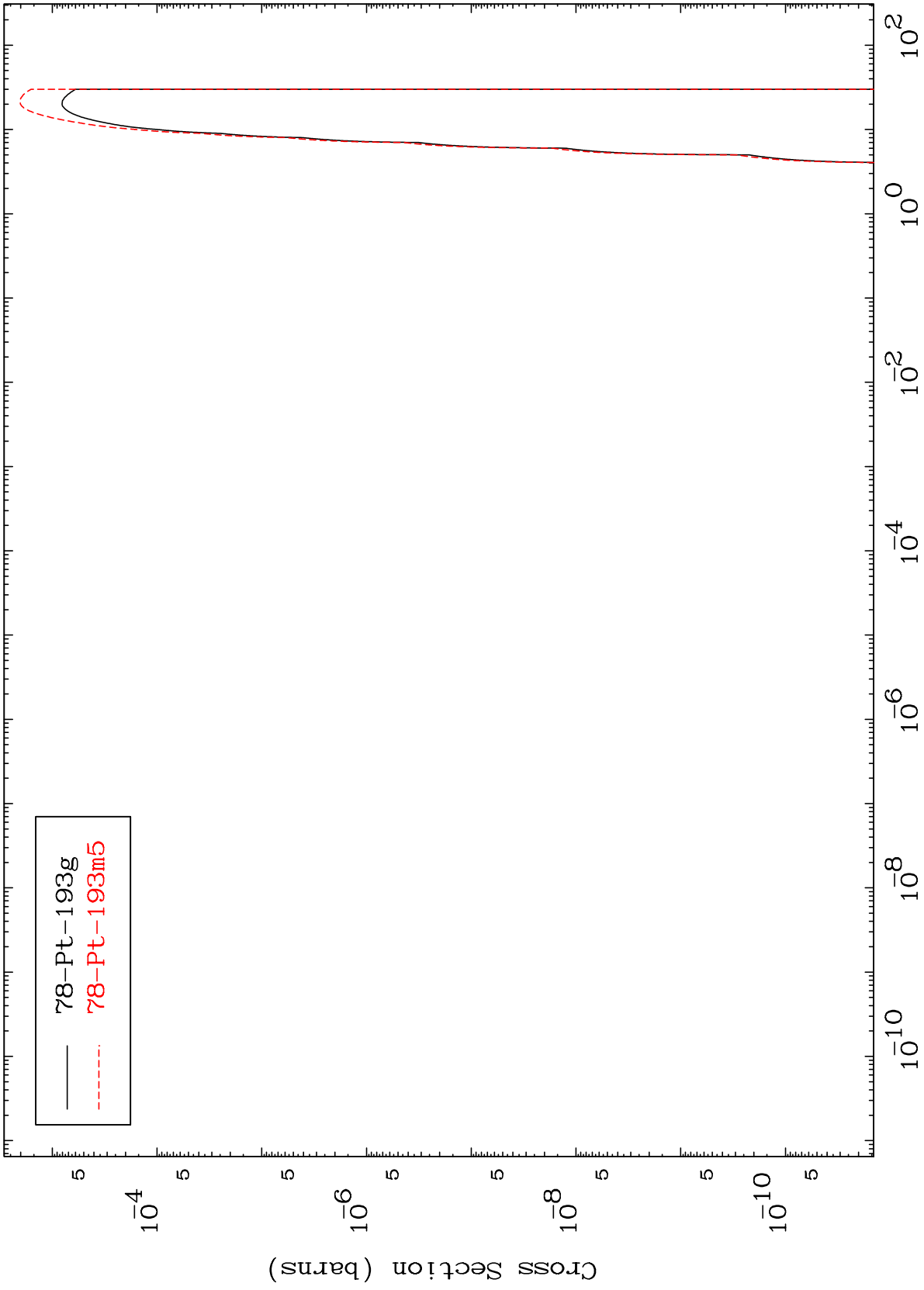
Incident Energy (MeV)

⁷⁹Au-195

MAT 7920

(d, α)
Radionuclide Production Cross Section

⁷⁹Au-195



27

Incident Energy (MeV)

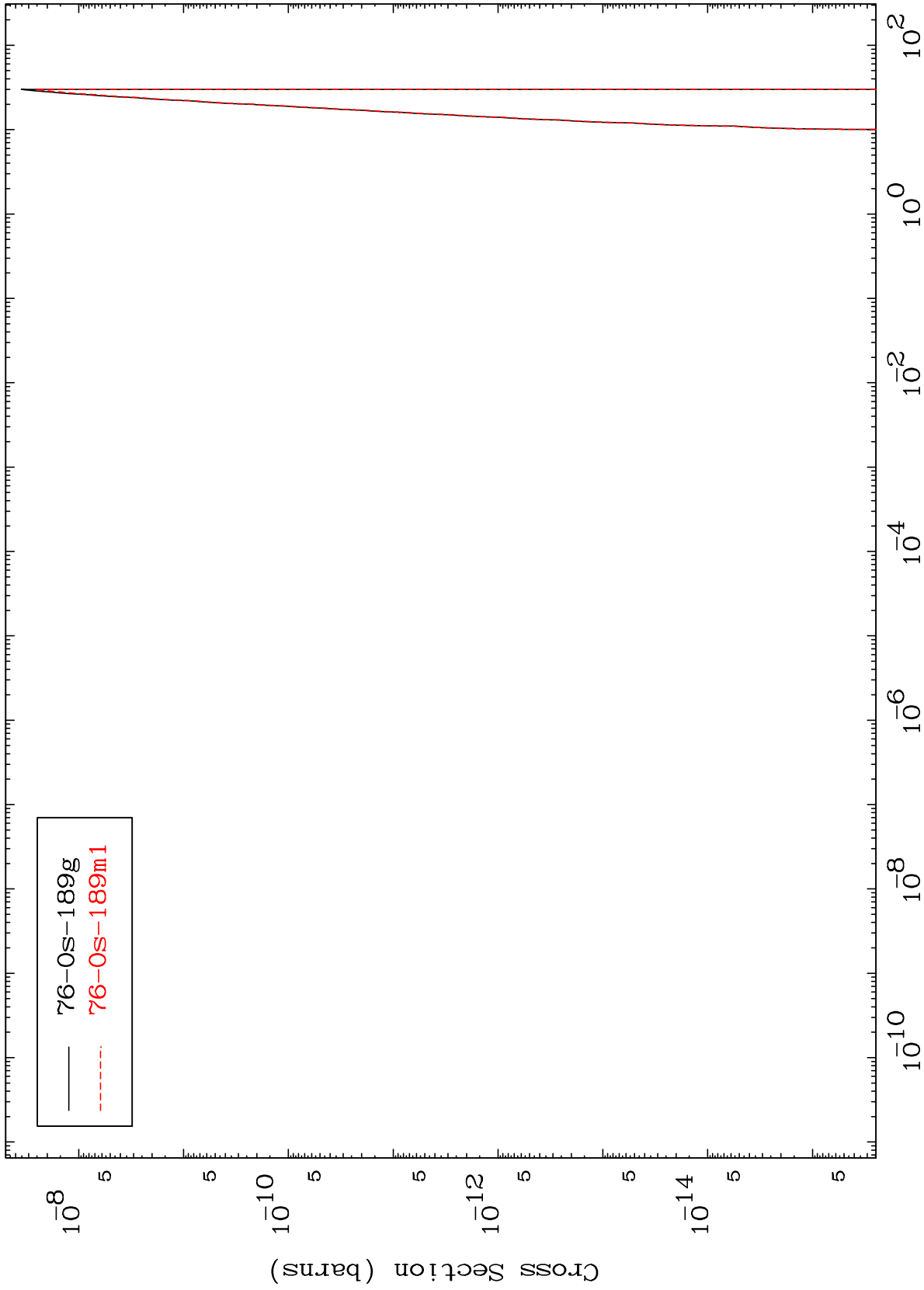
⁷⁹Au-195

MAT 7920

(d,2α)

79-Au-195

Radionuclide Production Cross Section



28

Incident Energy (MeV)

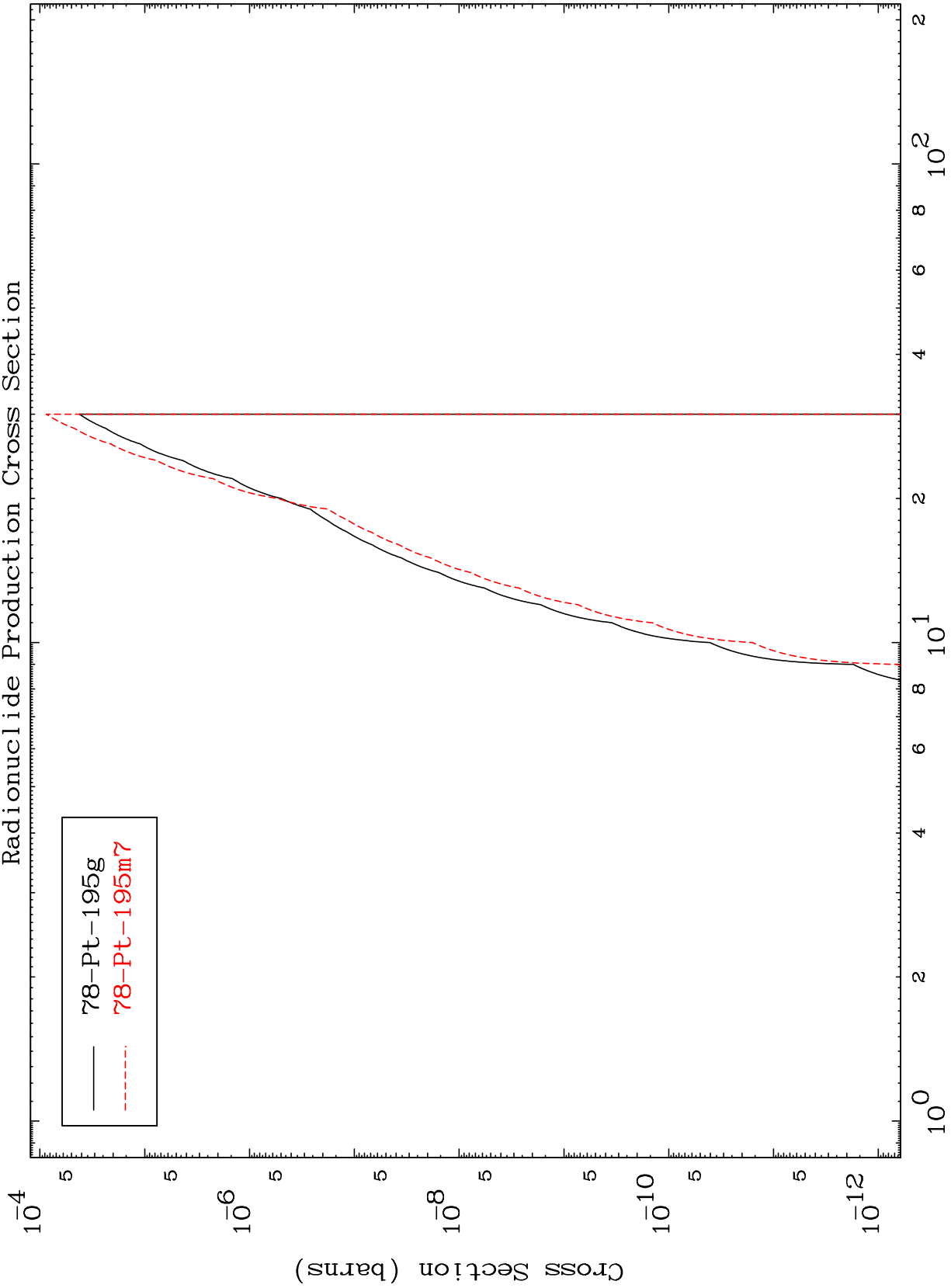
79-Au-195

MAT 7920

(d,2p)

79-Au-195

Radionuclide Production Cross Section



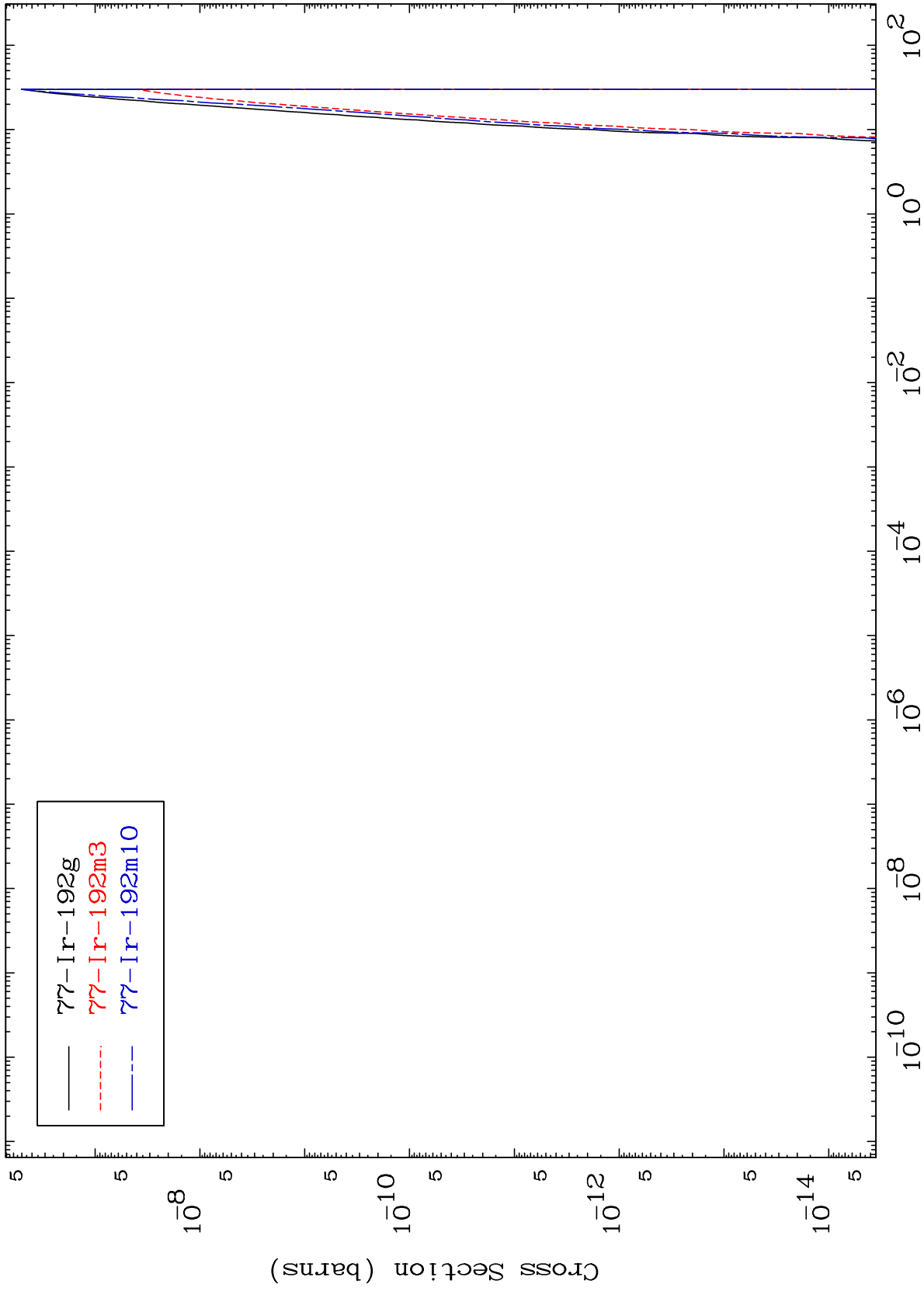
29

MAT 7920

(d,p) α

⁷⁹Au-195

Radionuclide Production Cross Section



30

Incident Energy (MeV)

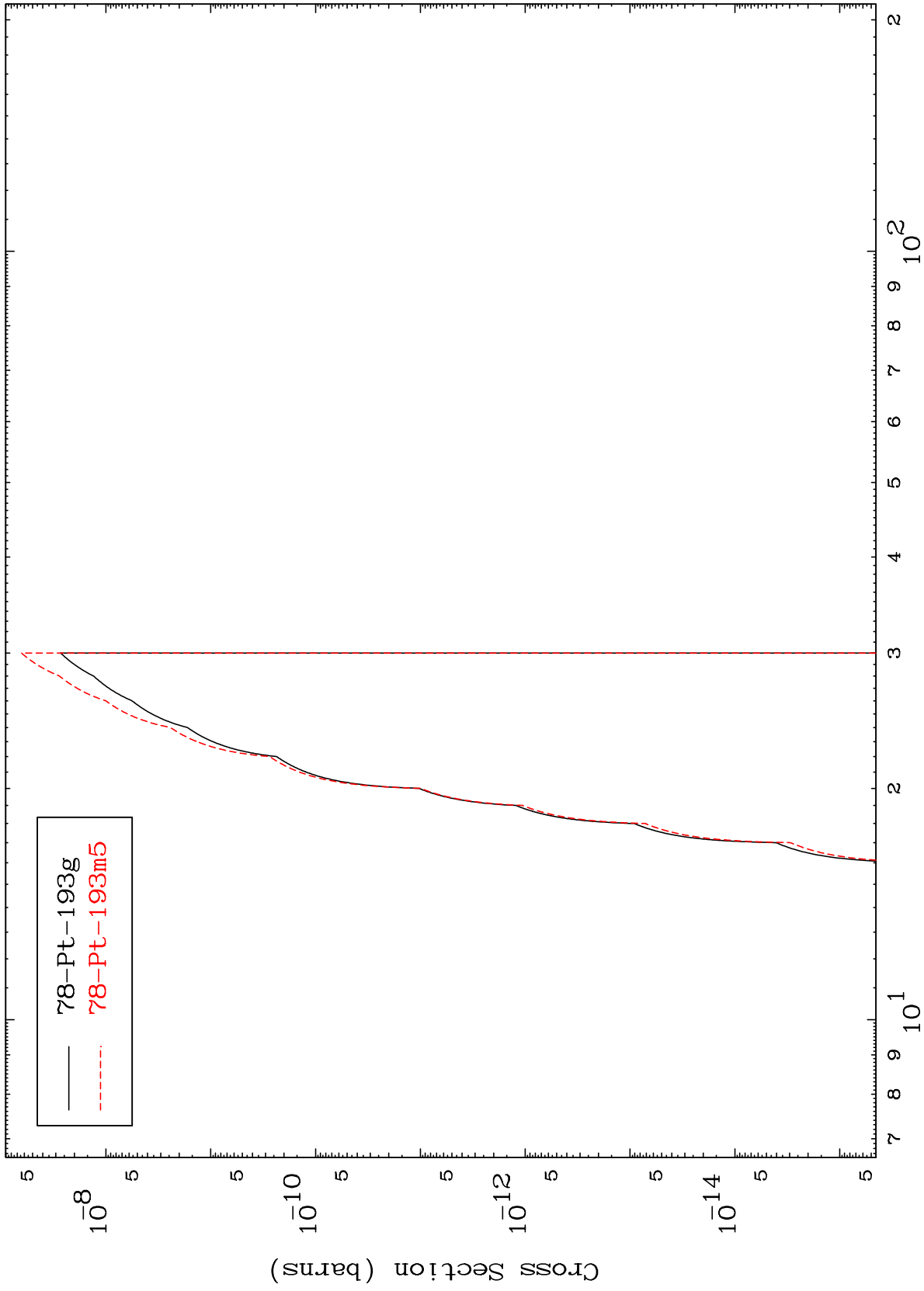
⁷⁹Au-195

MAT 7920

(d,p) t

⁷⁹Au-195

Radionuclide Production Cross Section



31

Incident Energy (MeV)

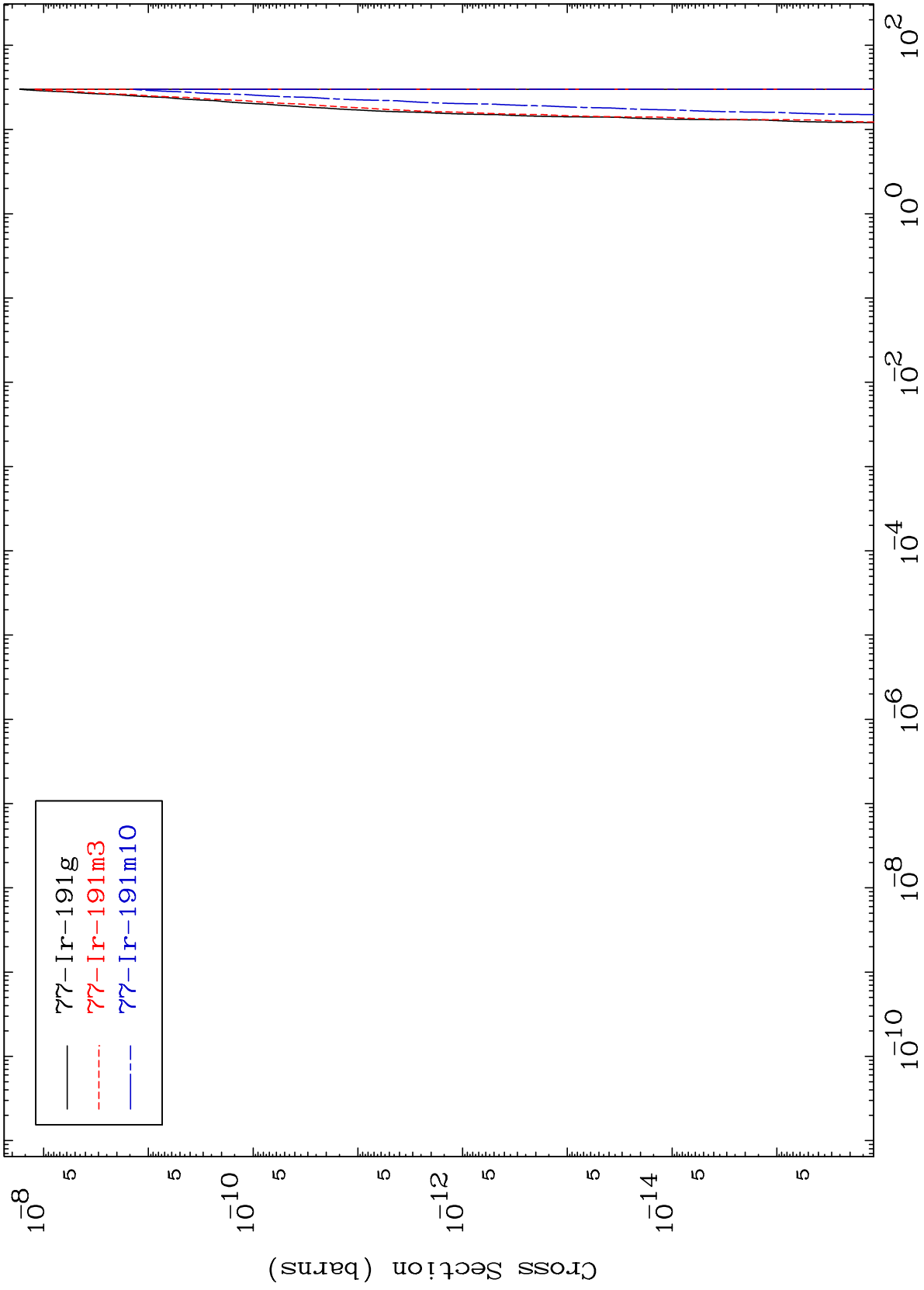
⁷⁹Au-195

MAT 7920

(d,d) α

⁷⁹Au-195

Radionuclide Production Cross Section



32

Incident Energy (MeV)

⁷⁹Au-195