

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

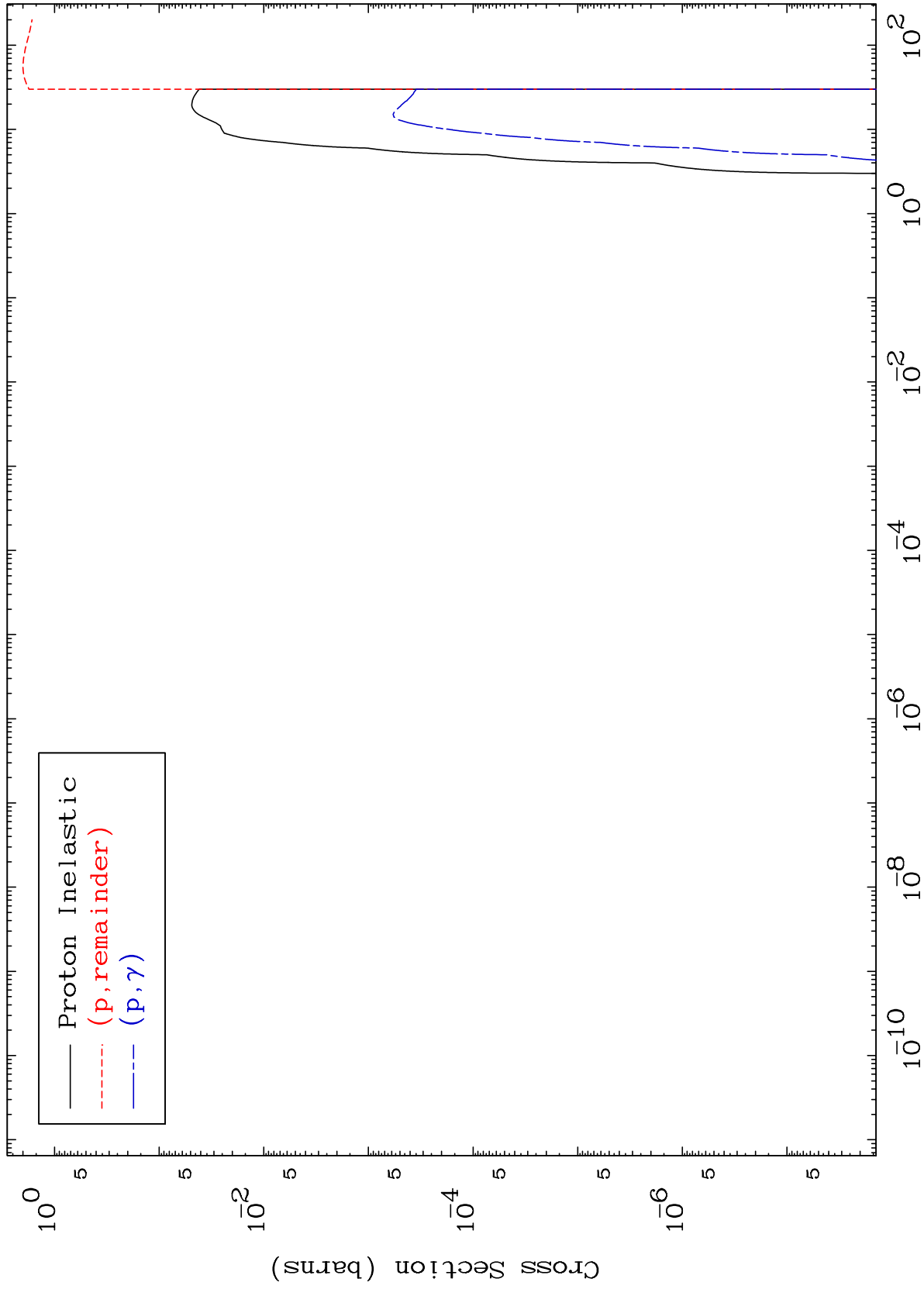
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7934

Proton Major
0 Kelvin Cross Sections

79-Au-200



1

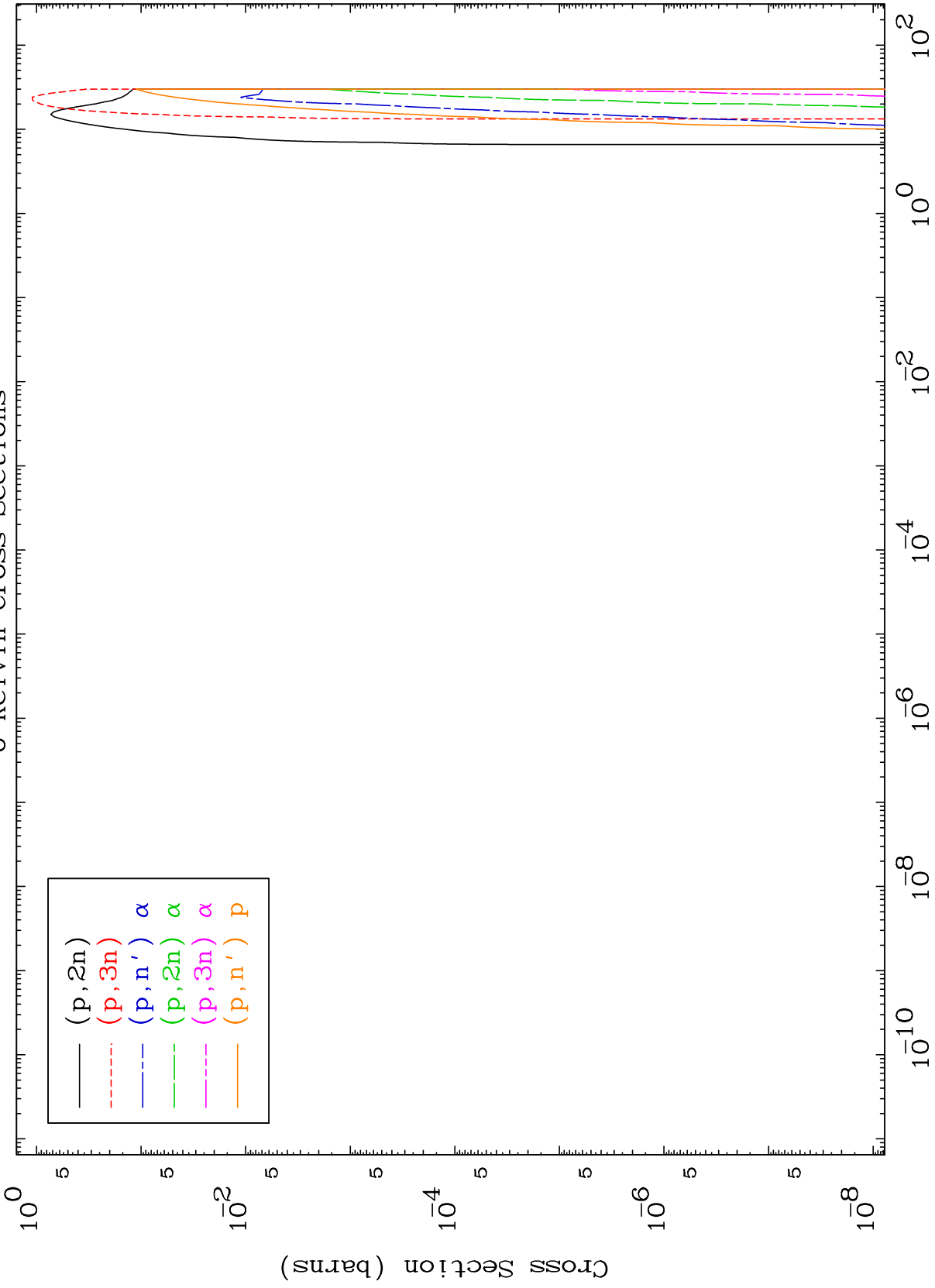
Incident Energy (MeV)

79-Au-200

MAT 7934

Proton Neutron Production
0 Kelvin Cross Sections

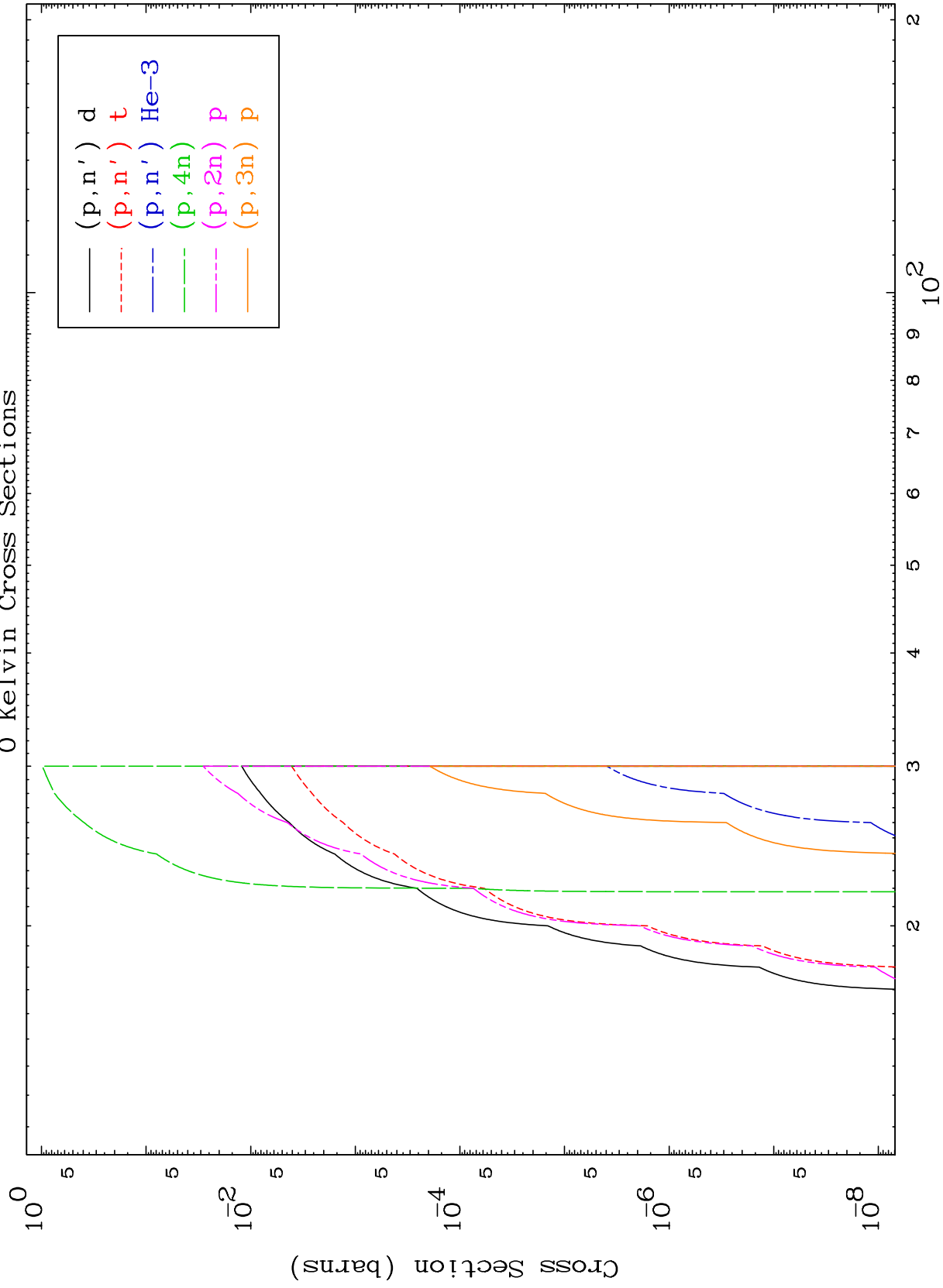
79-Au-200



2

Incident Energy (MeV)

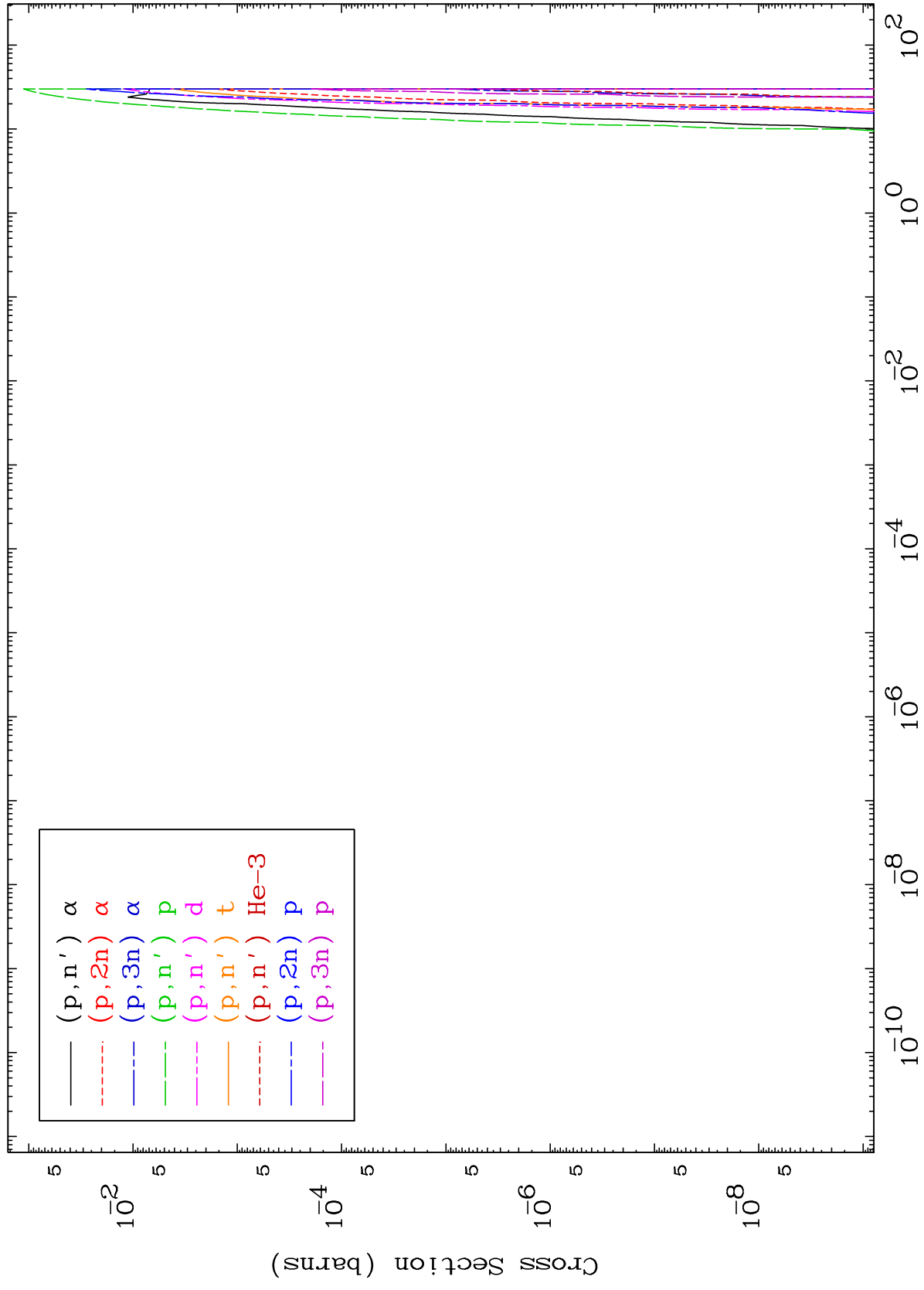
79-Au-200



MAT 7934

Proton Charged Particle
0 Kelvin Cross Sections

79-Au-200

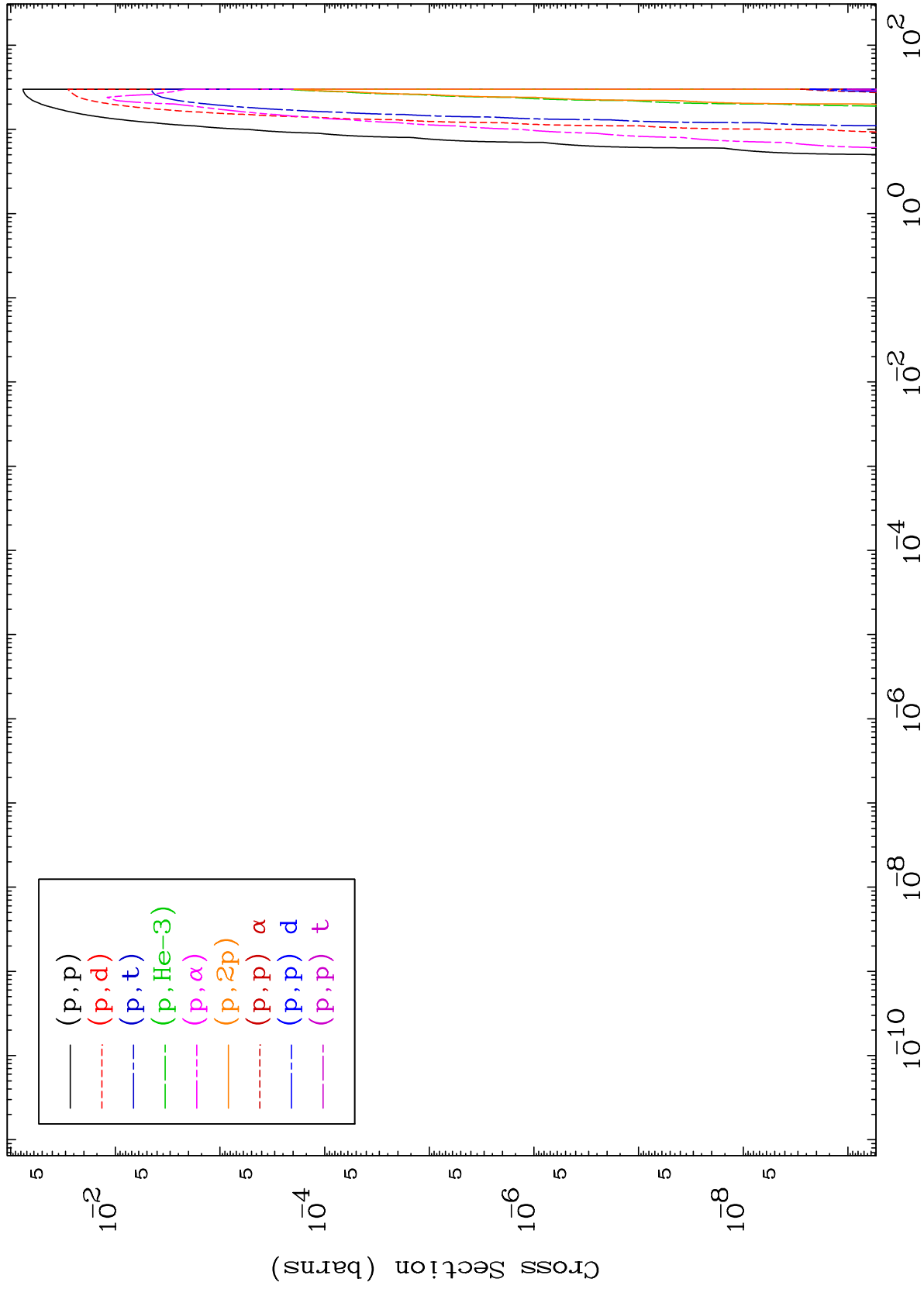


79-Au-200

MAT 7934

Proton Charged Particle
0 Kelvin Cross Sections

79-Au-200



5

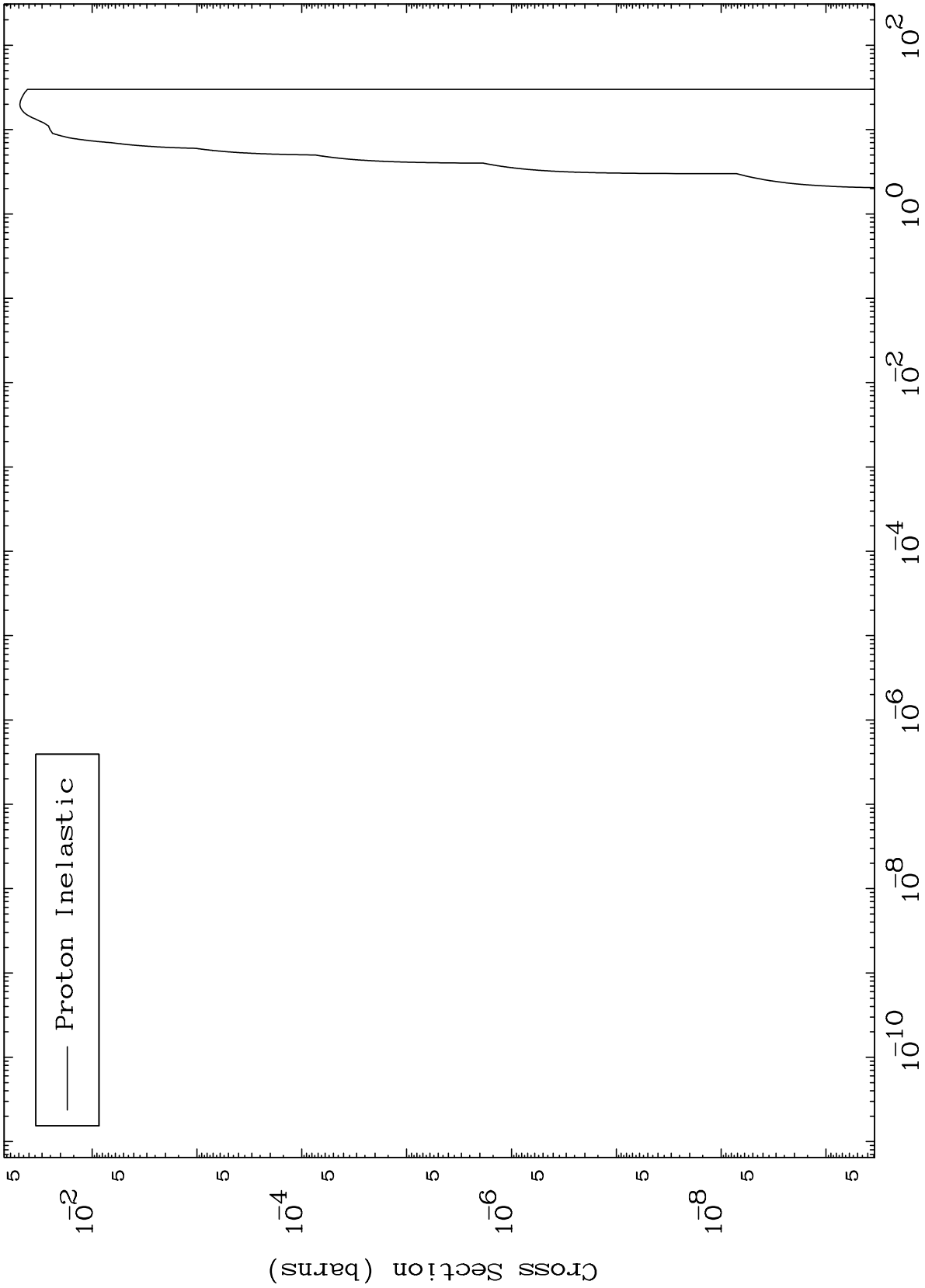
Incident Energy (MeV)

79-Au-200

MAT 7934

(p,n') Level
0 Kelvin Cross Sections

79-Au-200



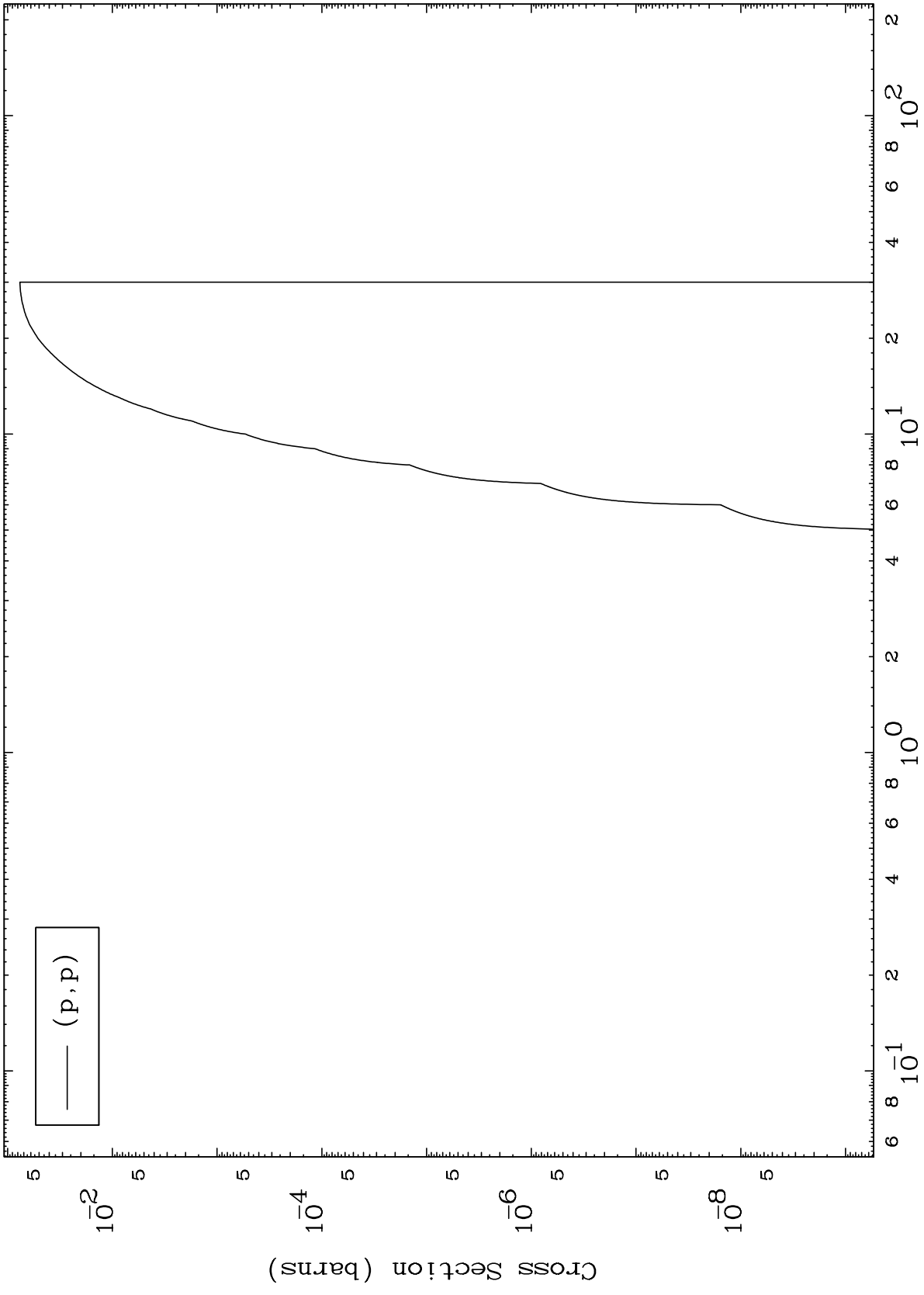
6

79-Au-200

MAT 7934

(p,p) Levels
0 Kelvin Cross Sections

79-Au-200



7

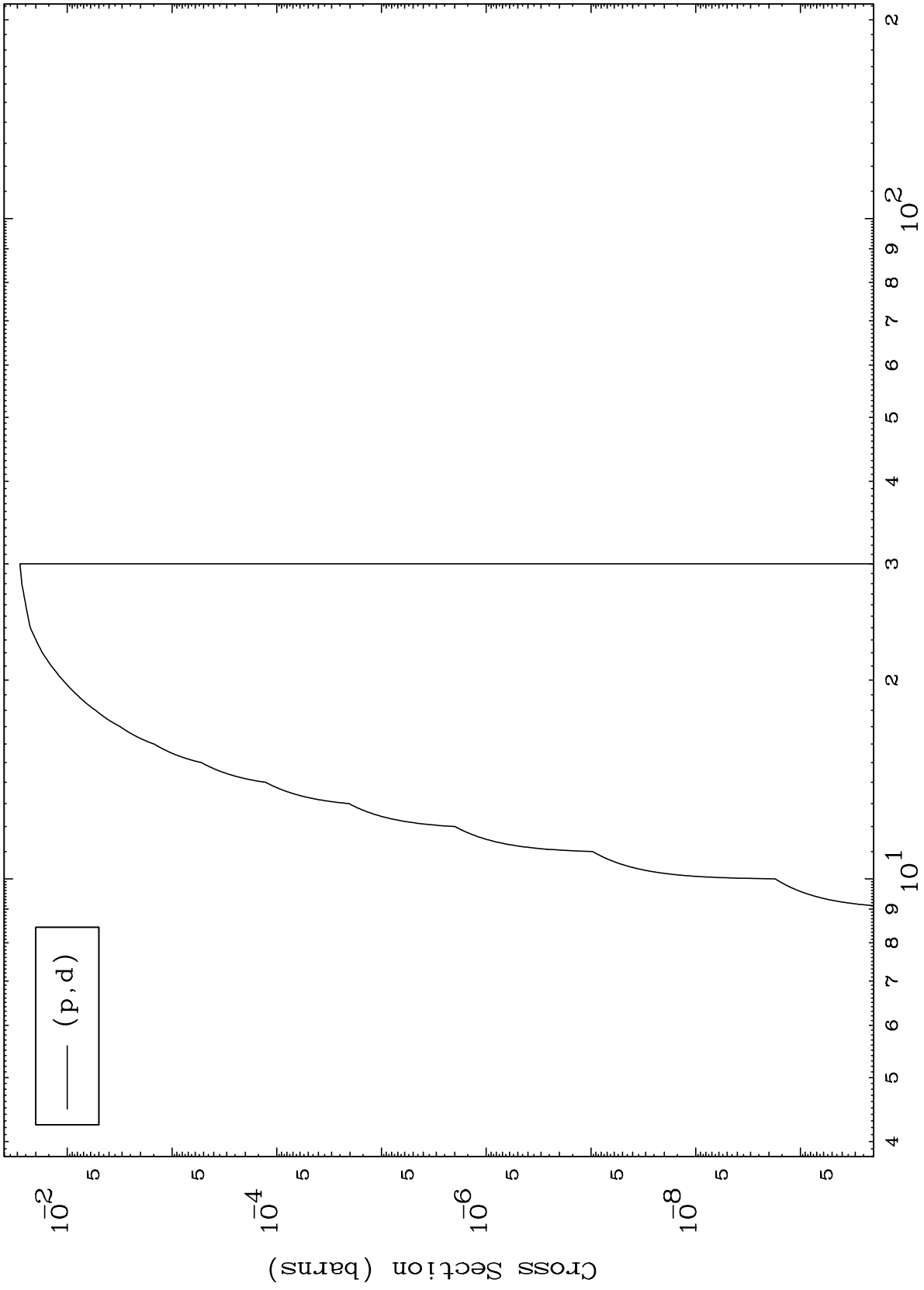
Incident Energy (MeV)

79-Au-200

MAT 7934

(p,d) Levels
0 Kelvin Cross Sections

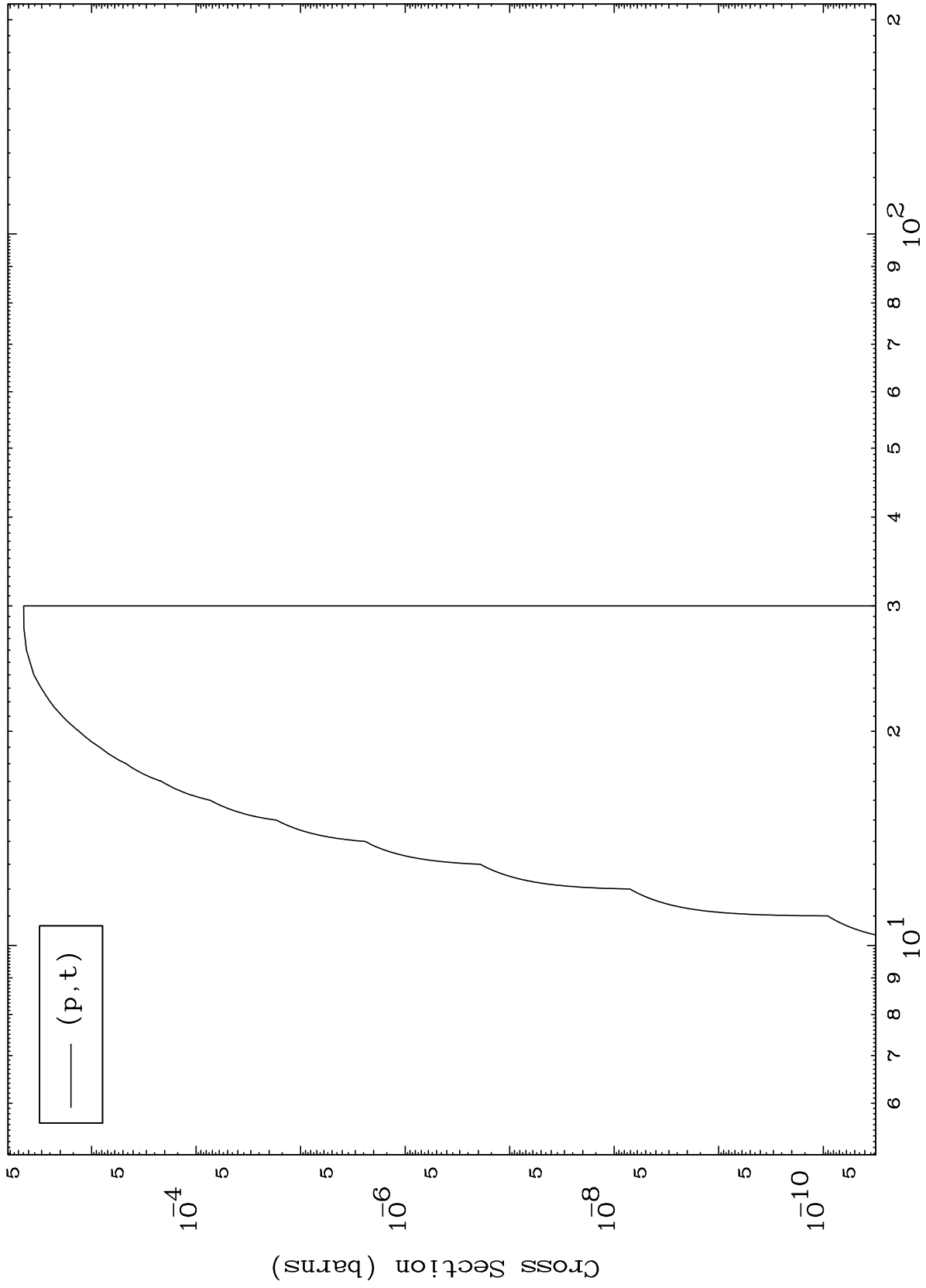
79-Au-200



MAT 7934

(p,t) Levels
0 Kelvin Cross Sections

79-Au-200



9

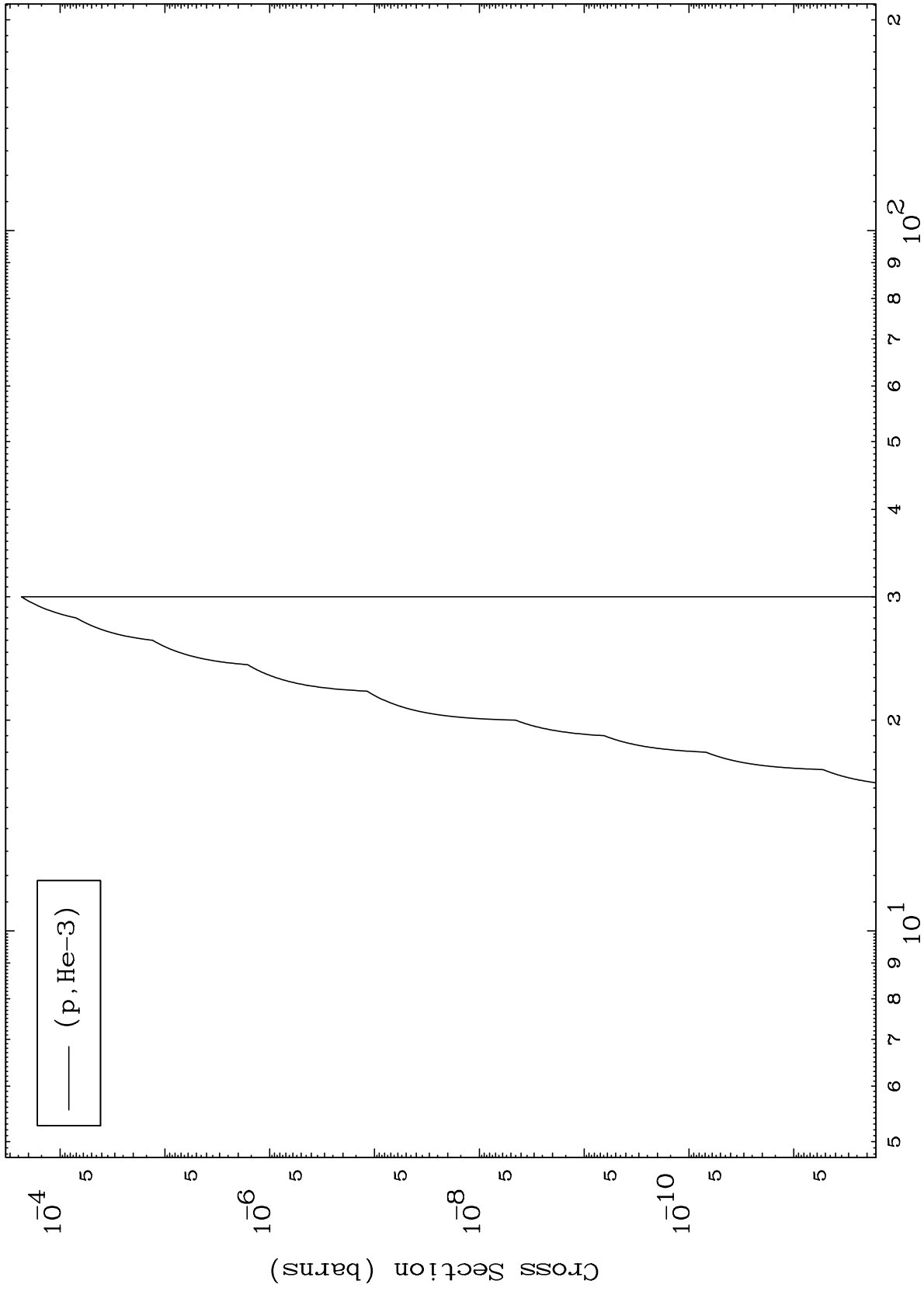
Incident Energy (MeV)

79-Au-200

MAT 7934

(p,He3) Levels
0 Kelvin Cross Sections

79-Au-200



10

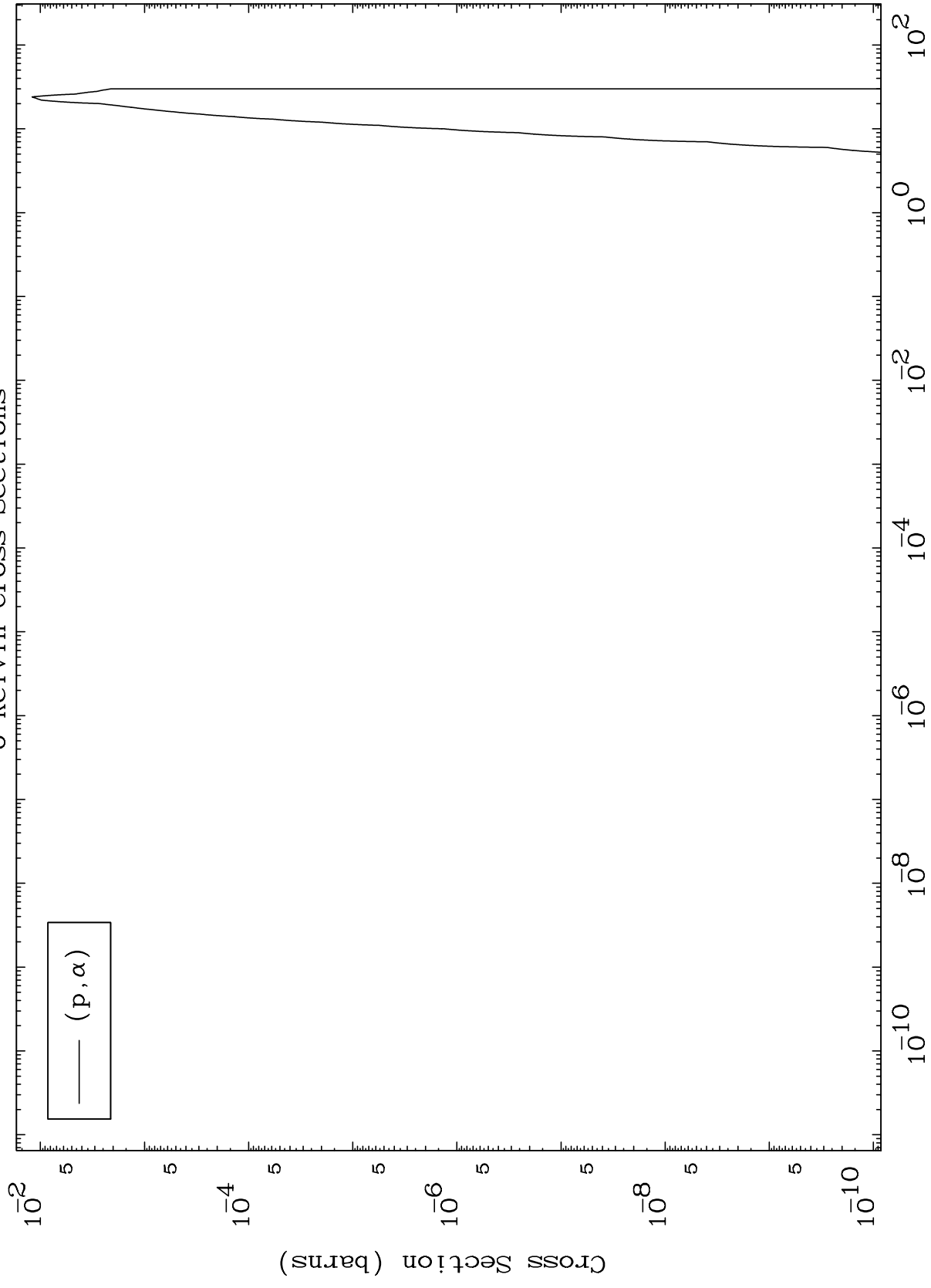
Incident Energy (MeV)

79-Au-200

MAT 7934

(p,α) Levels
0 Kelvin Cross Sections

79-Au-200



(p,α)

79-Au-200

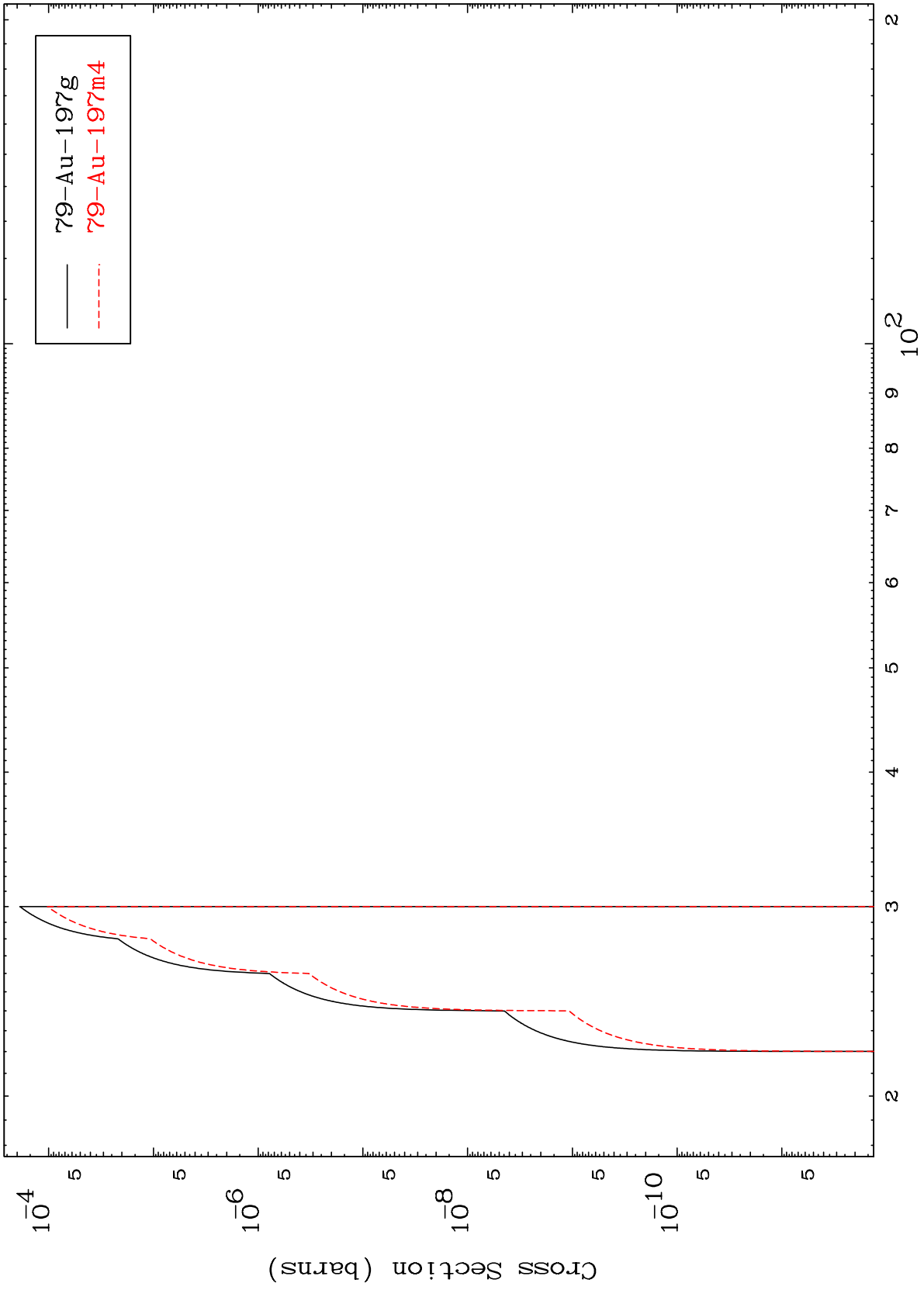
Incident Energy (MeV)

MAT 7934

(p,2n) d

⁷⁹Au-200

Radionuclide Production Cross Section



12

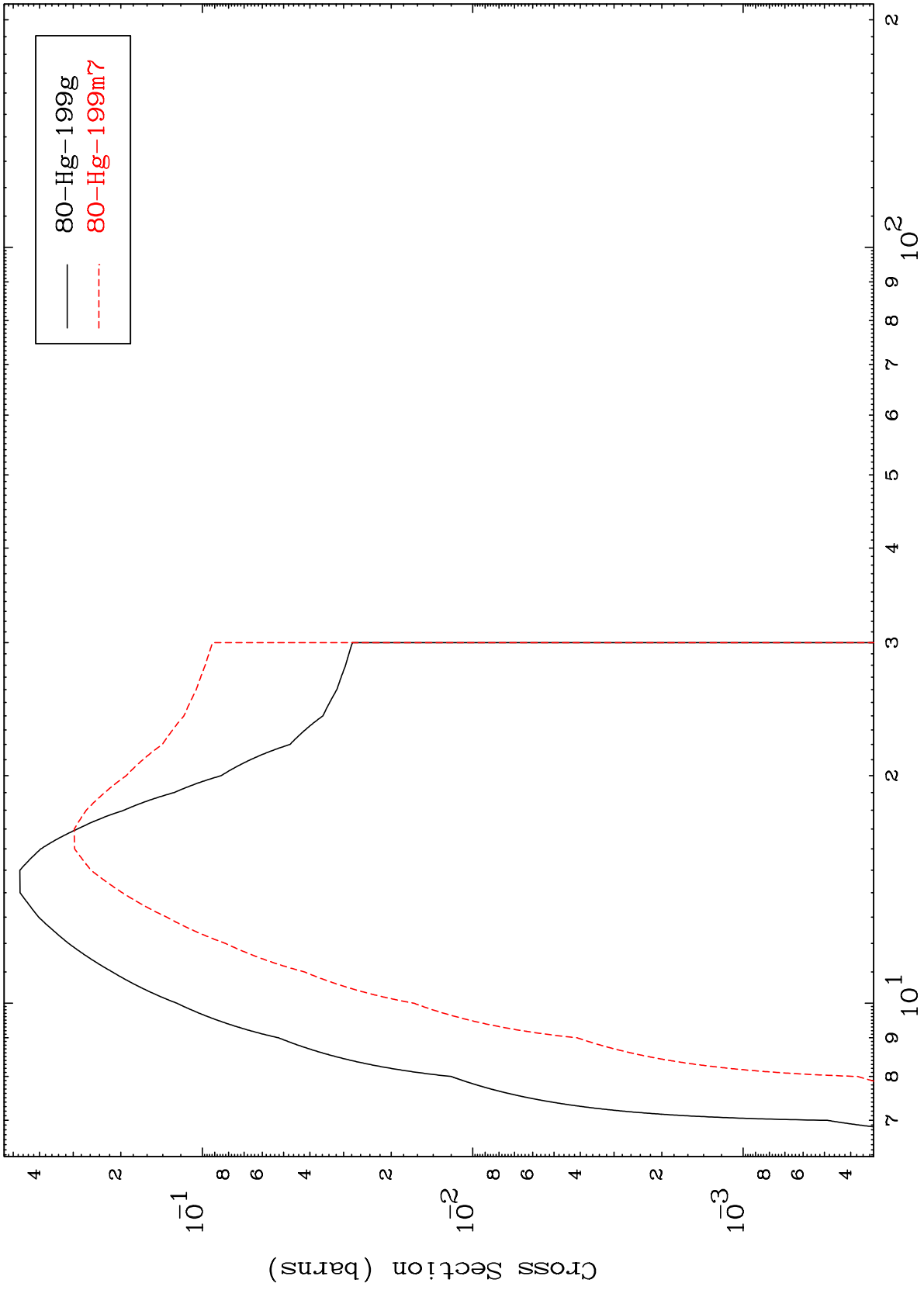
Incident Energy (MeV)

⁷⁹Au-200

MAT 7934

79-Au-200

(p,2n)
Radionuclide Production Cross Section



13

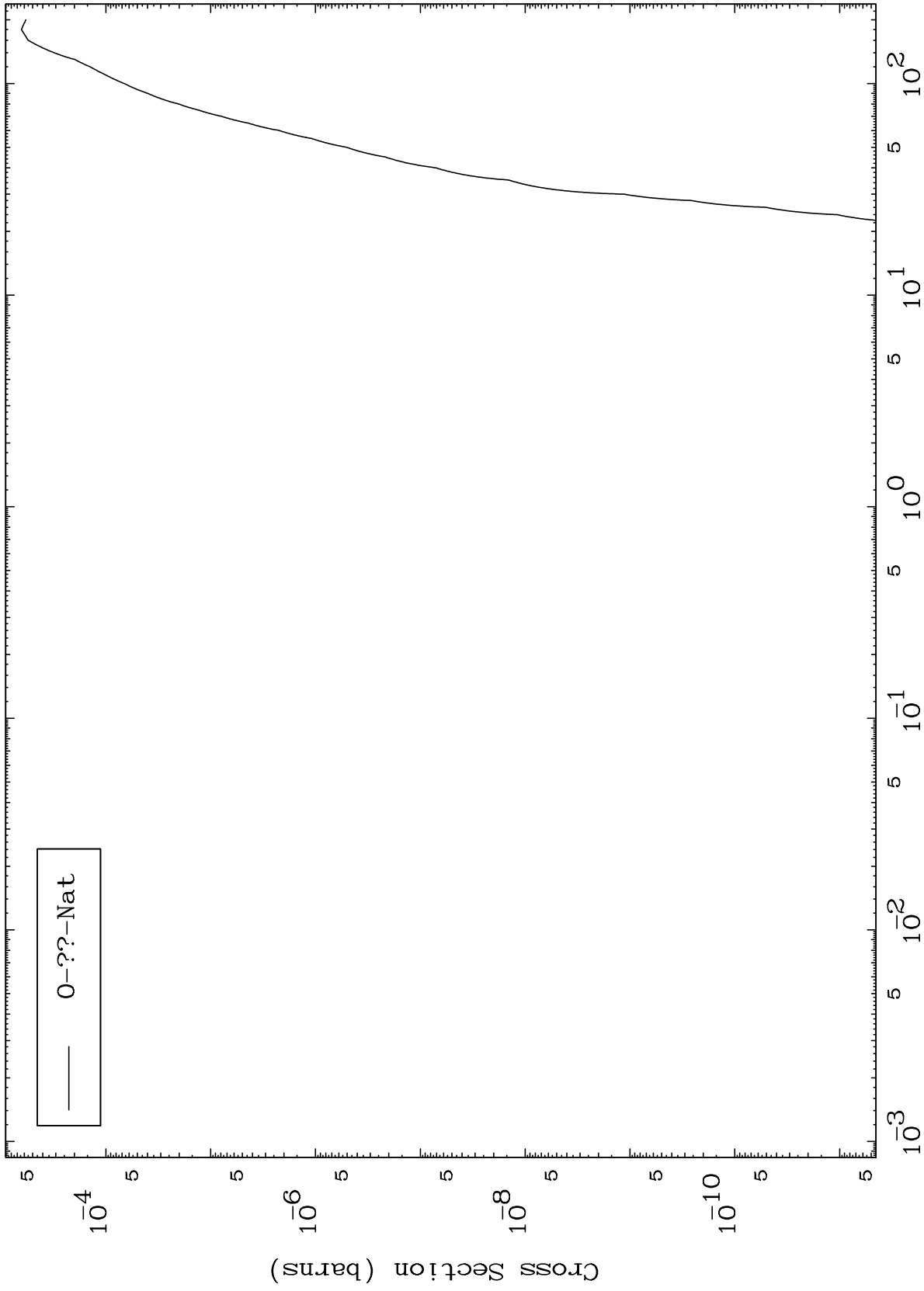
Incident Energy (MeV)

79-Au-200

MAT 7934

Proton Fission
Radionuclide Production Cross Section

79-Au-200



0-??-Nat

14

Incident Energy (MeV)

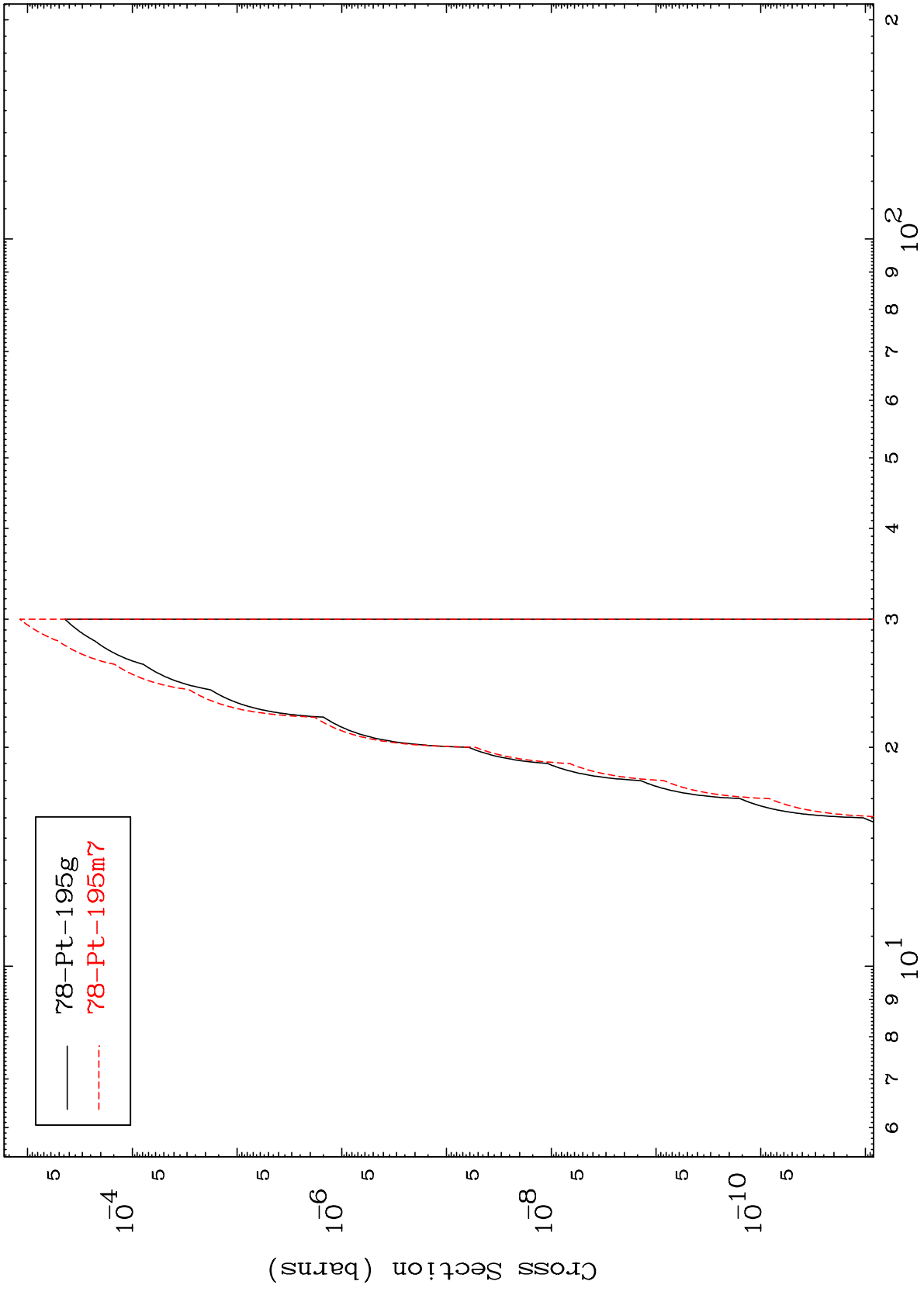
79-Au-200

MAT 7934

$(p,2n) \alpha$

$^{79}\text{Au-200}$

Radionuclide Production Cross Section



15

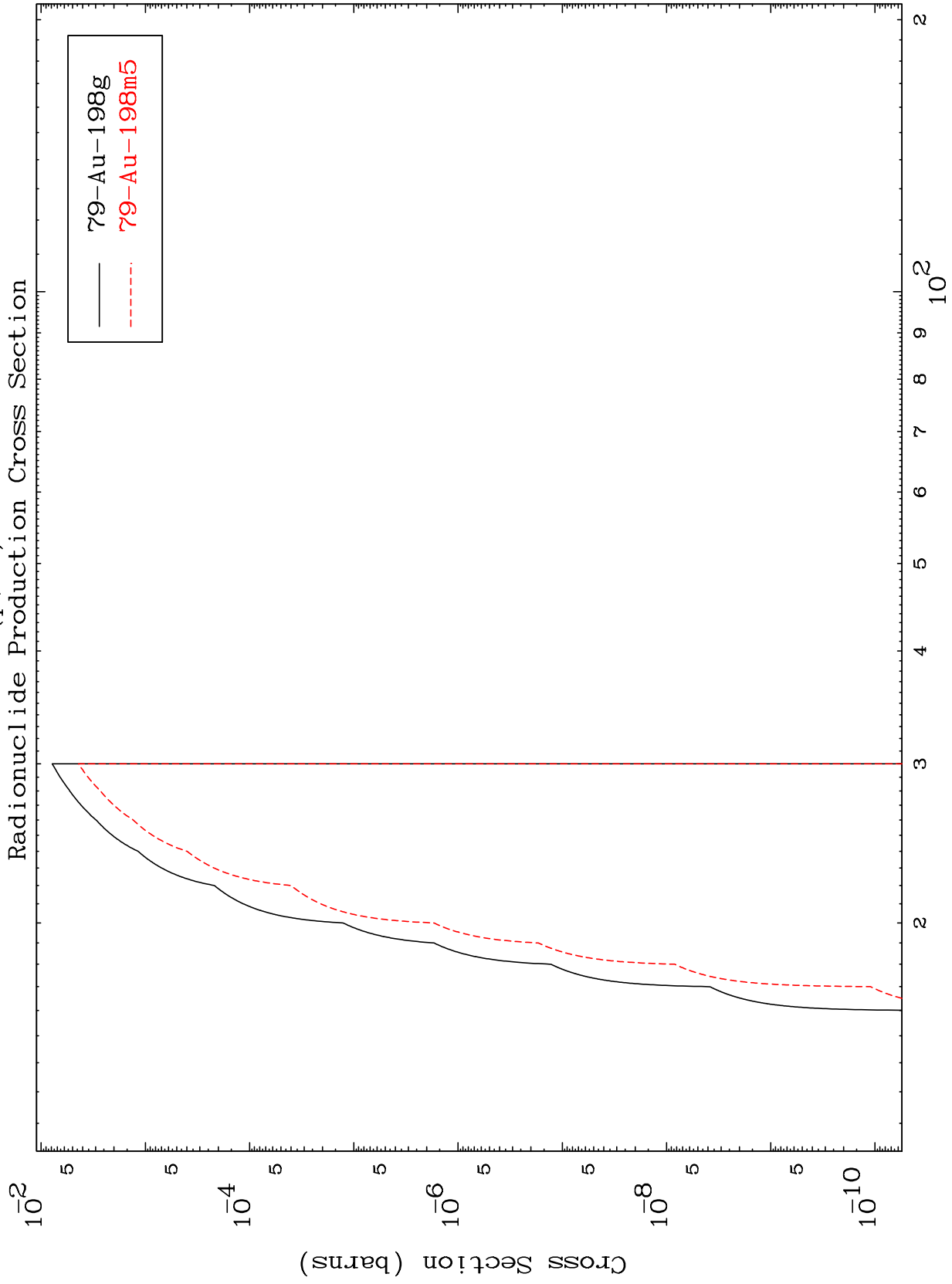
Incident Energy (MeV)

$^{79}\text{Au-200}$

MAT 7934

(p,n') d

⁷⁹Au-200



16

Incident Energy (MeV)

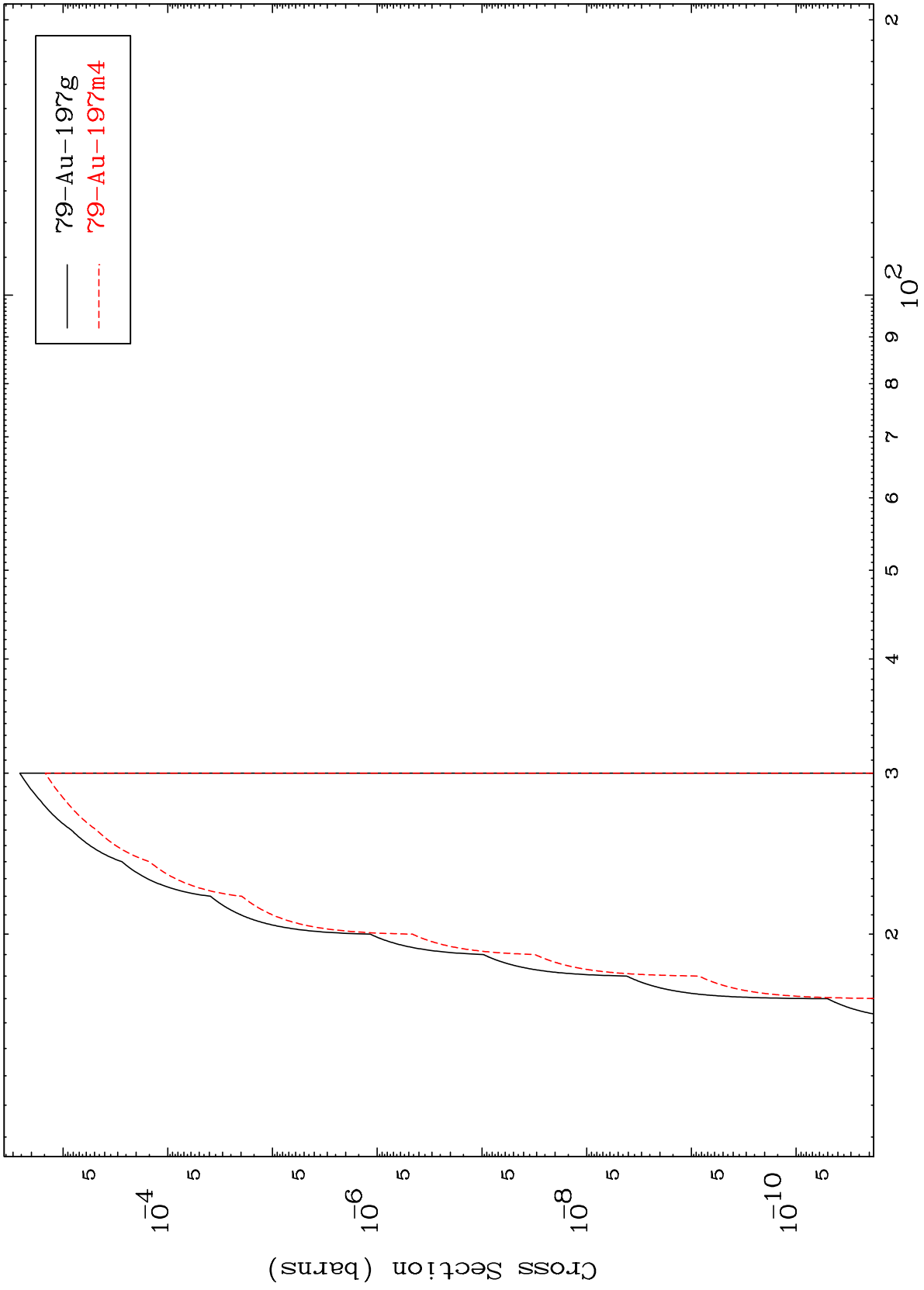
⁷⁹Au-200

MAT 7934

(p,n') t

⁷⁹Au-200

Radionuclide Production Cross Section



79-Au-197g
79-Au-197m4

17

Incident Energy (MeV)

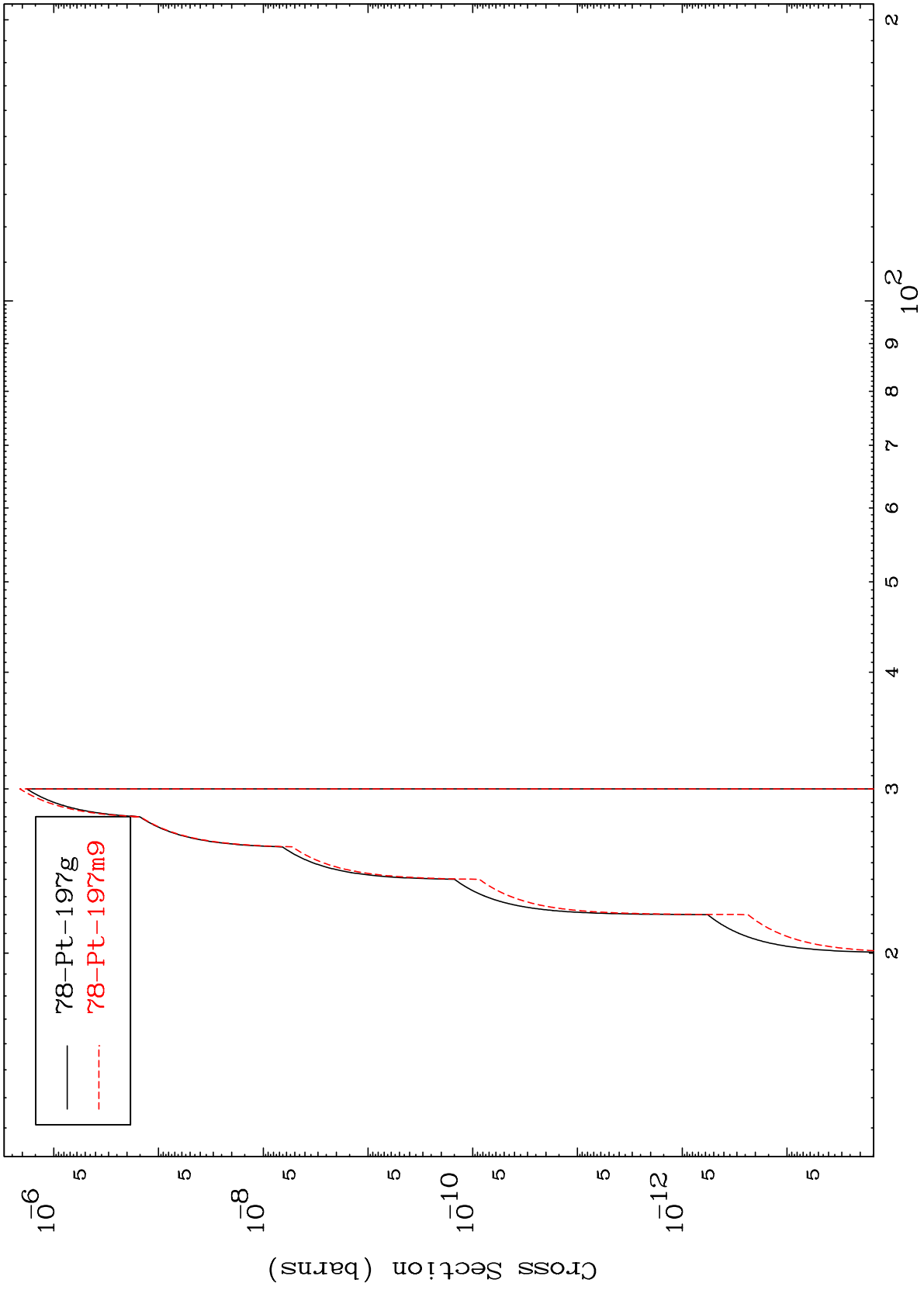
⁷⁹Au-200

MAT 7934

(p,n') He-3

79-Au-200

Radionuclide Production Cross Section



18

Incident Energy (MeV)

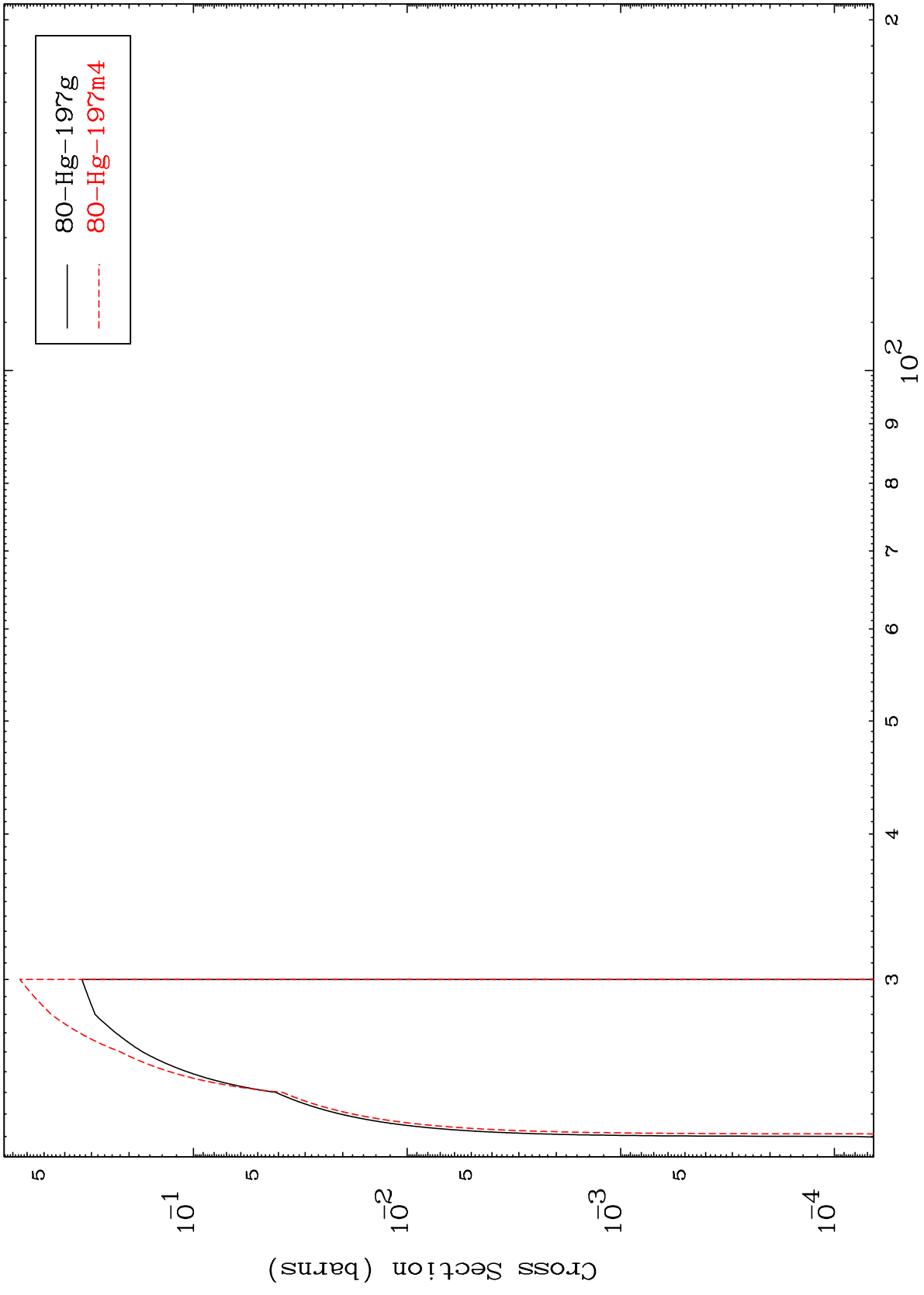
79-Au-200

MAT 7934

(p,4n)

79-Au-200

Radionuclide Production Cross Section



19

Incident Energy (MeV)

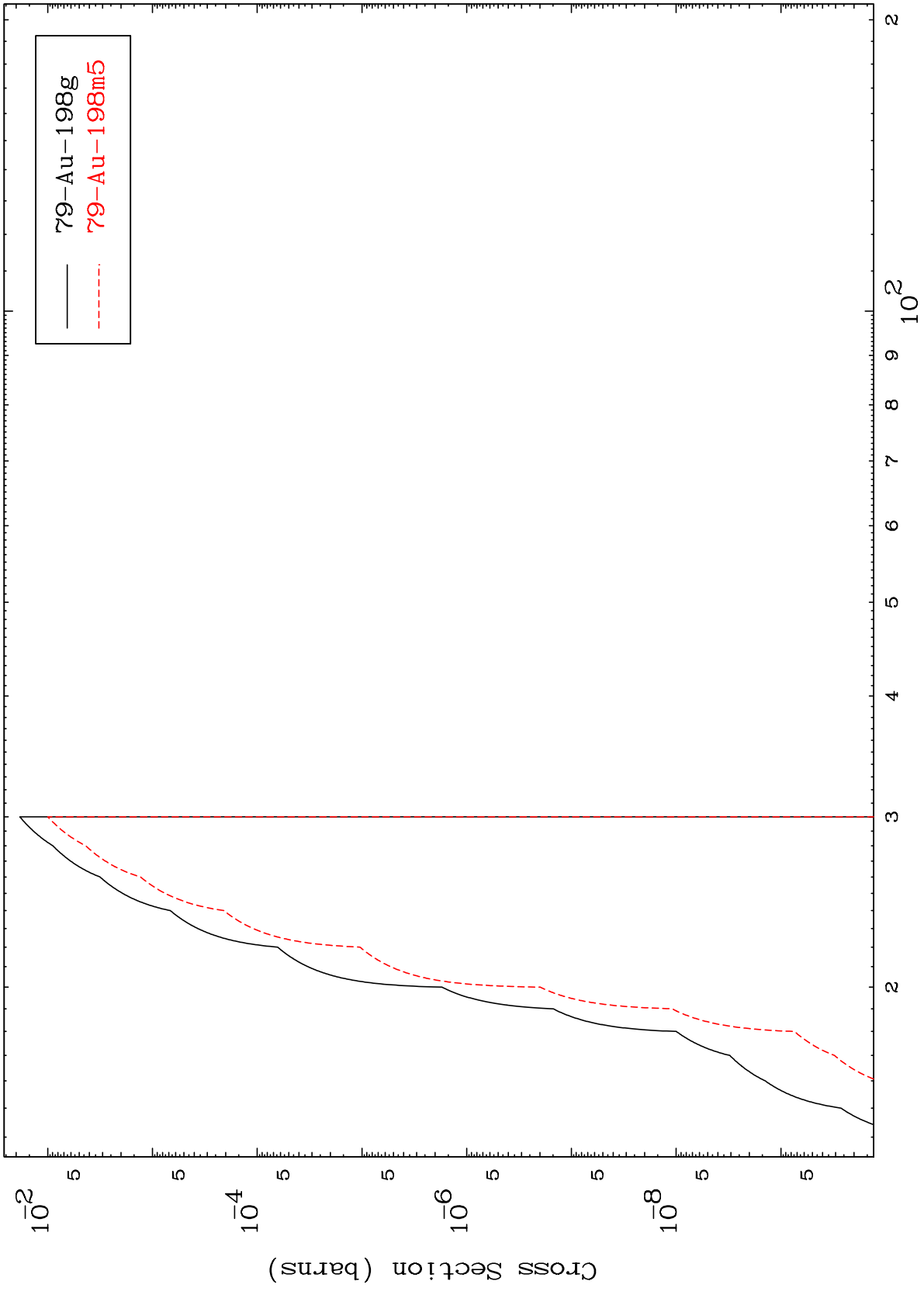
79-Au-200

MAT 7934

(p,2n) p

⁷⁹Au-200

Radionuclide Production Cross Section



— ⁷⁹Au-198g
- - - ⁷⁹Au-198m5

20

Incident Energy (MeV)

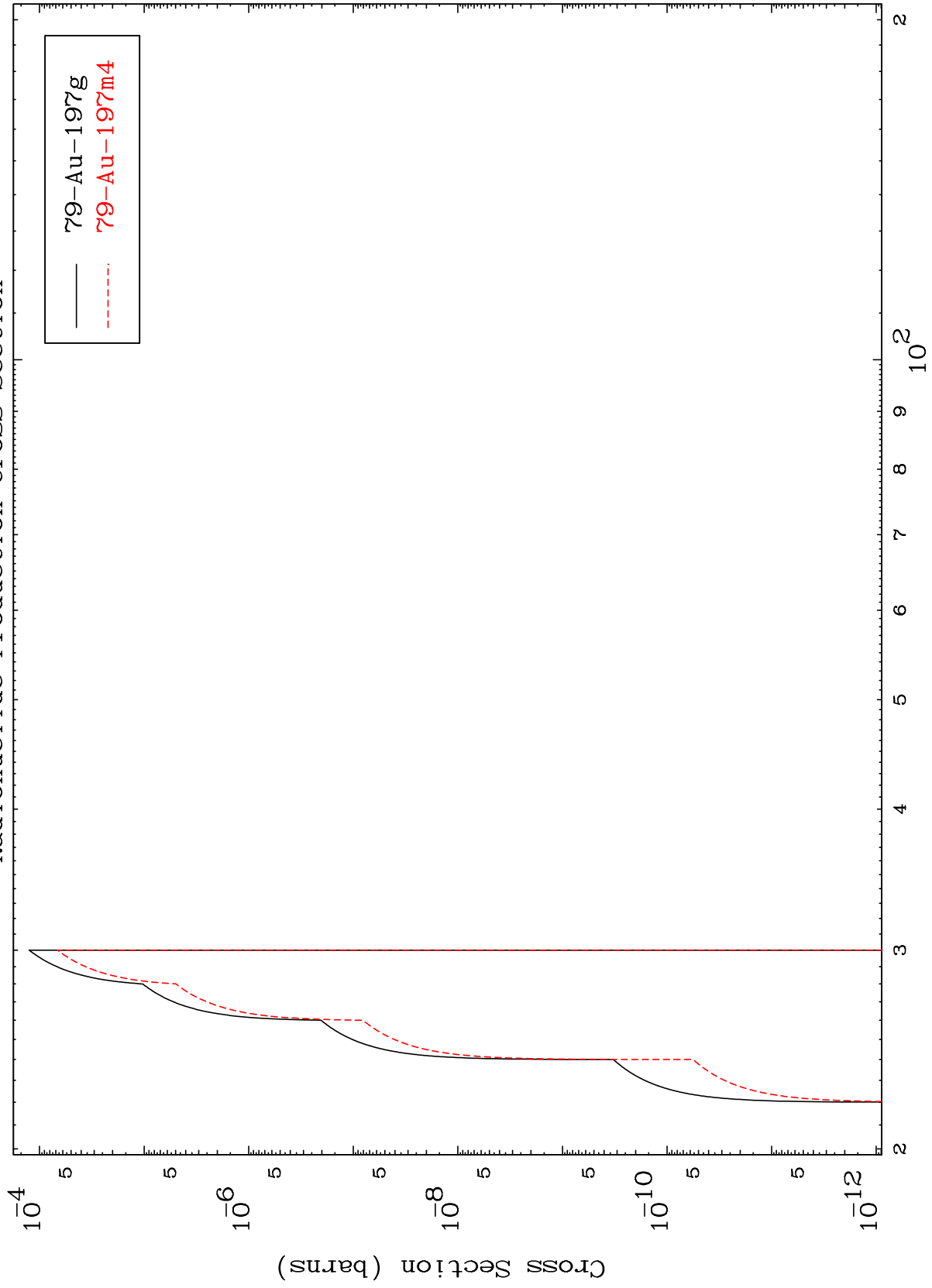
⁷⁹Au-200

MAT 7934

(p,3n) p

⁷⁹Au-200

Radionuclide Production Cross Section



21

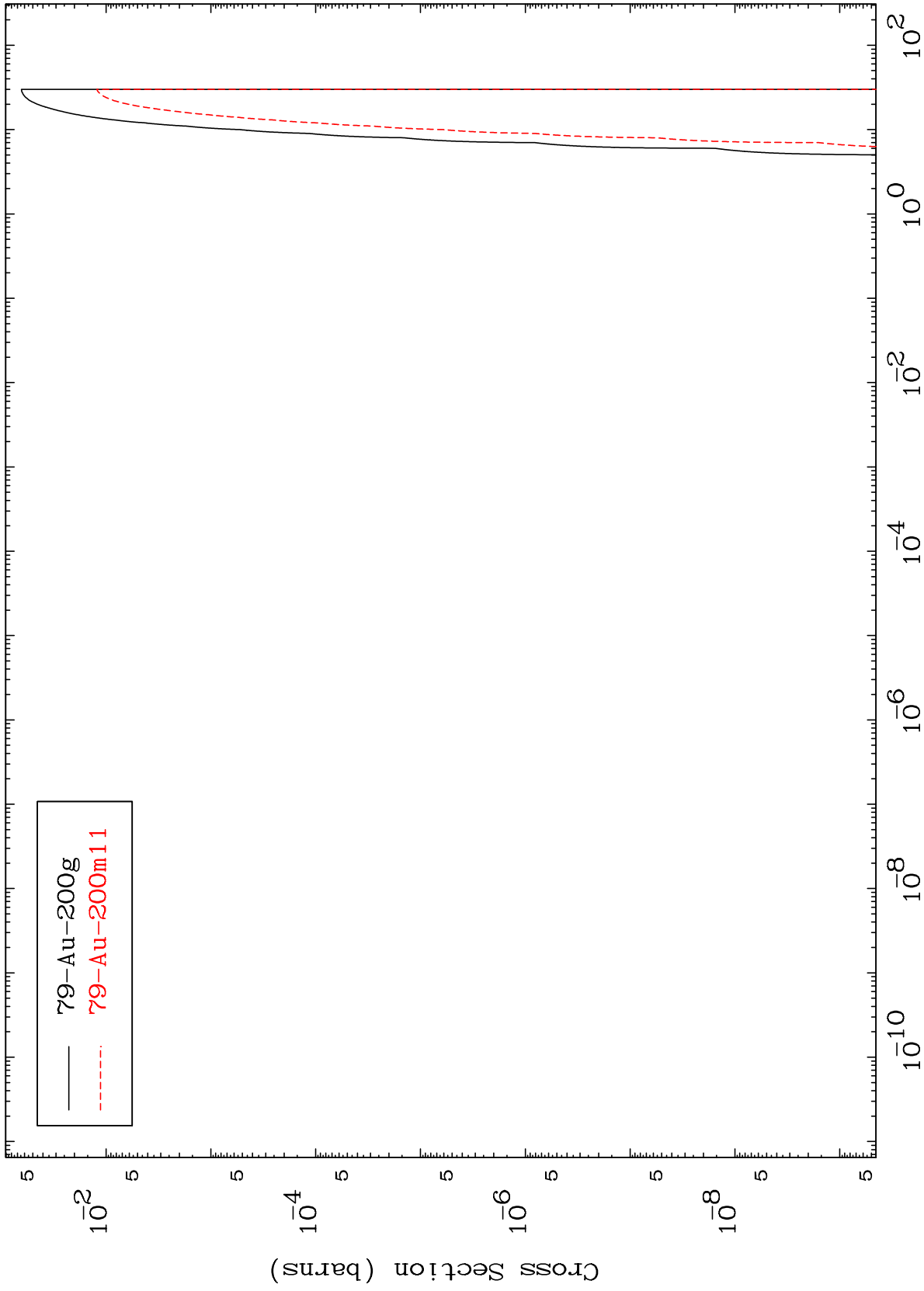
Incident Energy (MeV)

⁷⁹Au-200

MAT 7934

(p,p)
Radionuclide Production Cross Section

79-Au-200



22

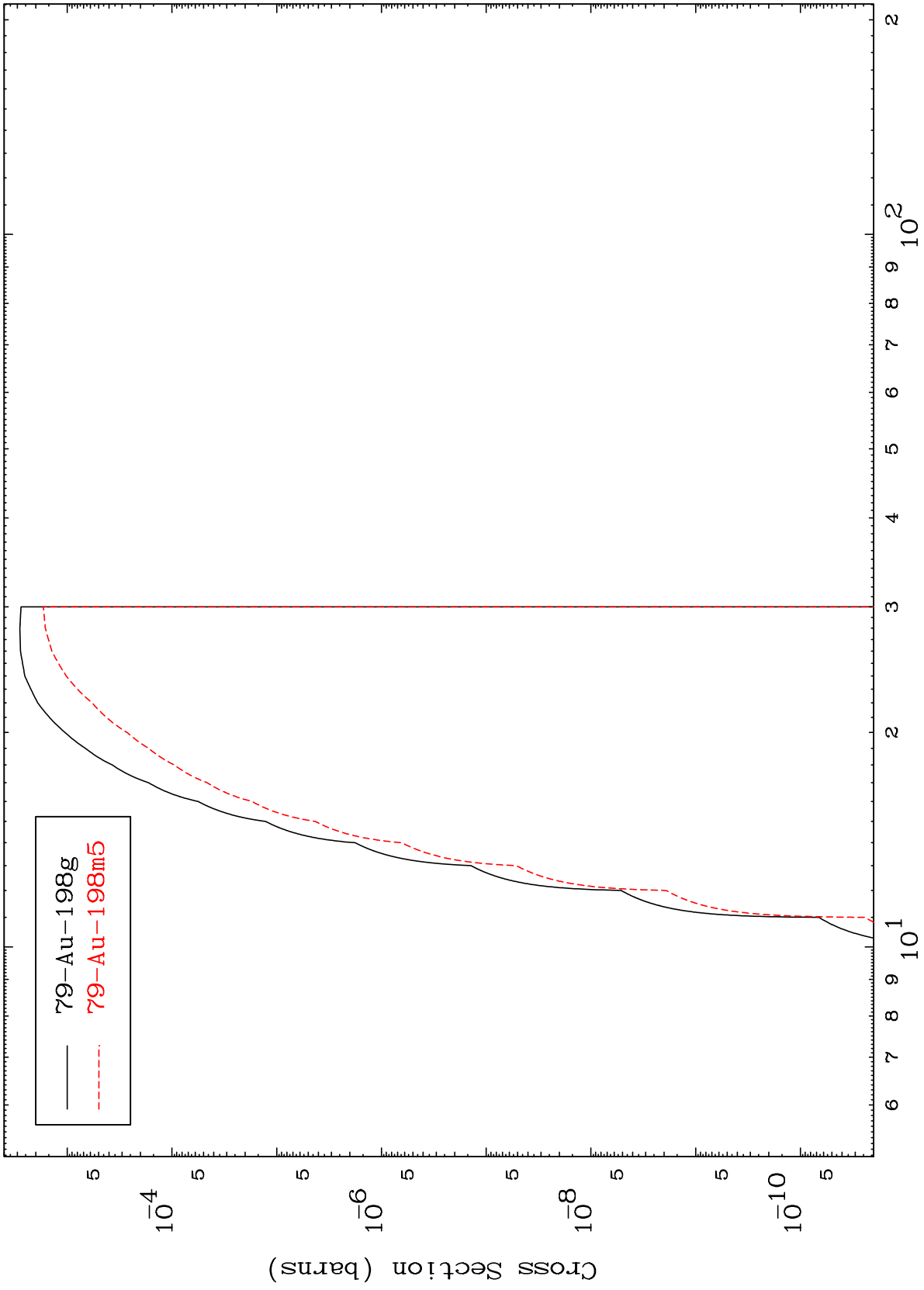
Incident Energy (MeV)

79-Au-200

MAT 7934

Radionuclide Production Cross Section
(p, t)

⁷⁹Au-200



23

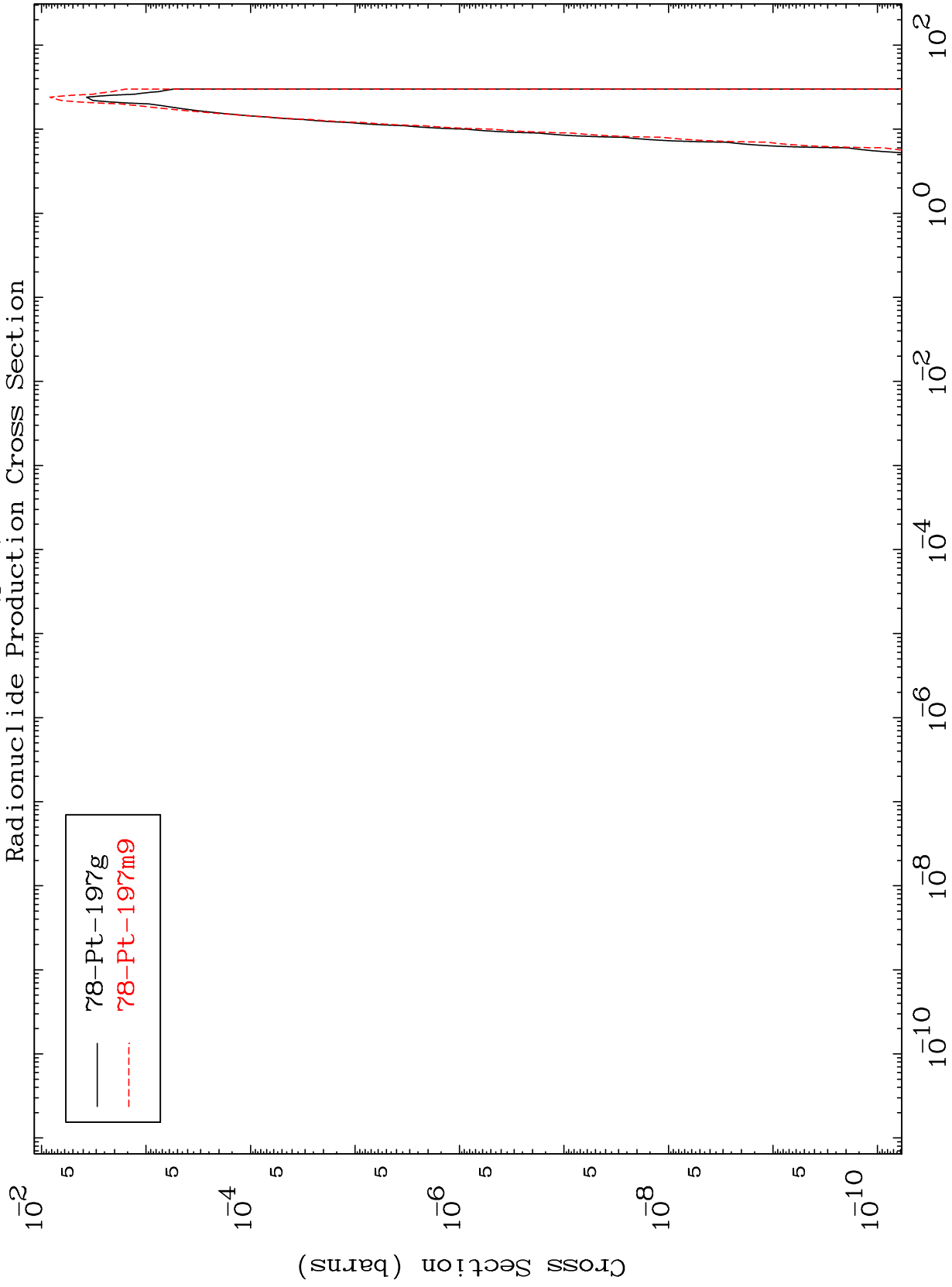
Incident Energy (MeV)

⁷⁹Au-200

MAT 7934

Radionuclide Production Cross Section
(p,α)

⁷⁹Au-200



24

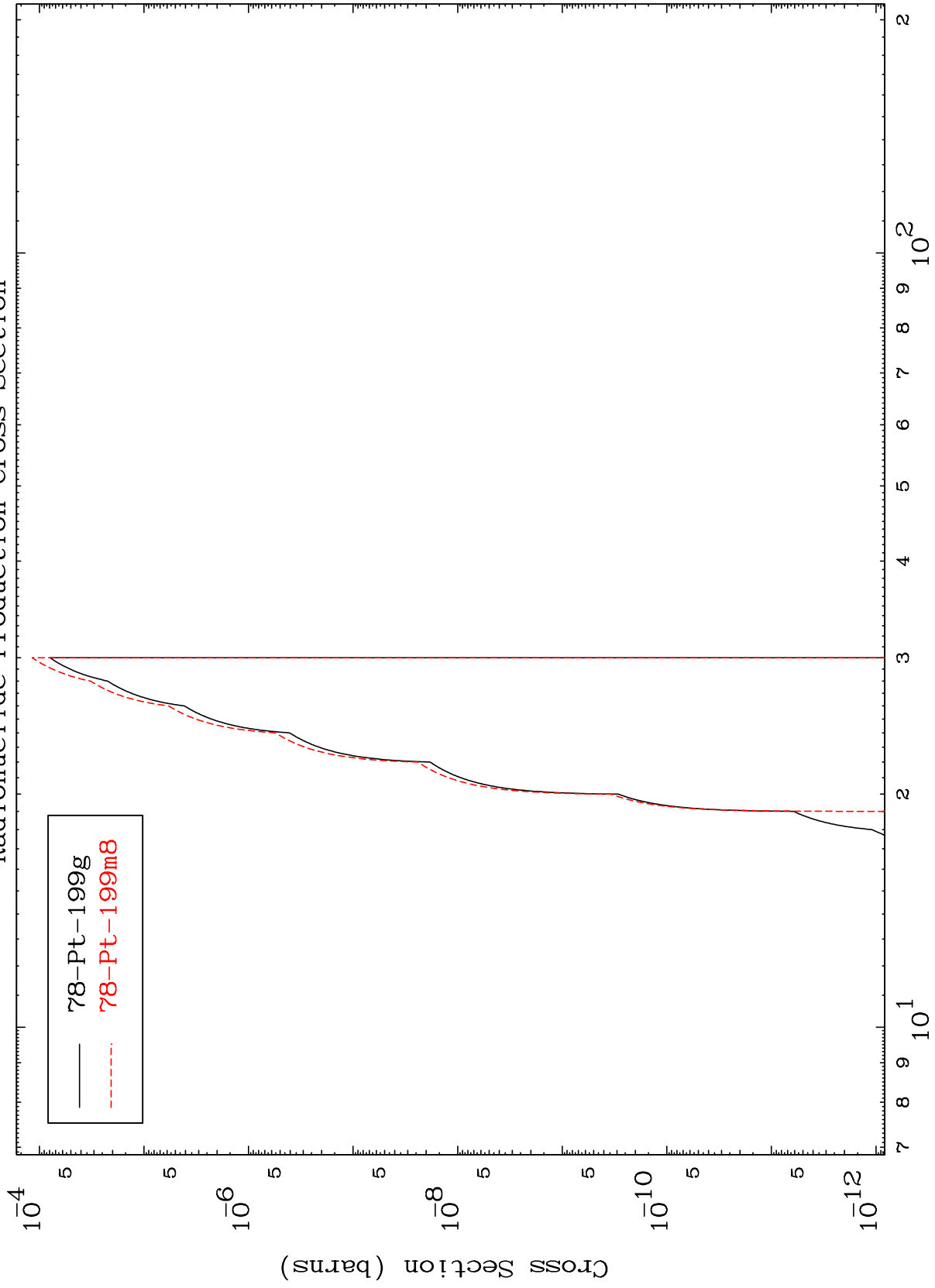
Incident Energy (MeV)

⁷⁹Au-200

MAT 7934

79-Au-200

(p,2p)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

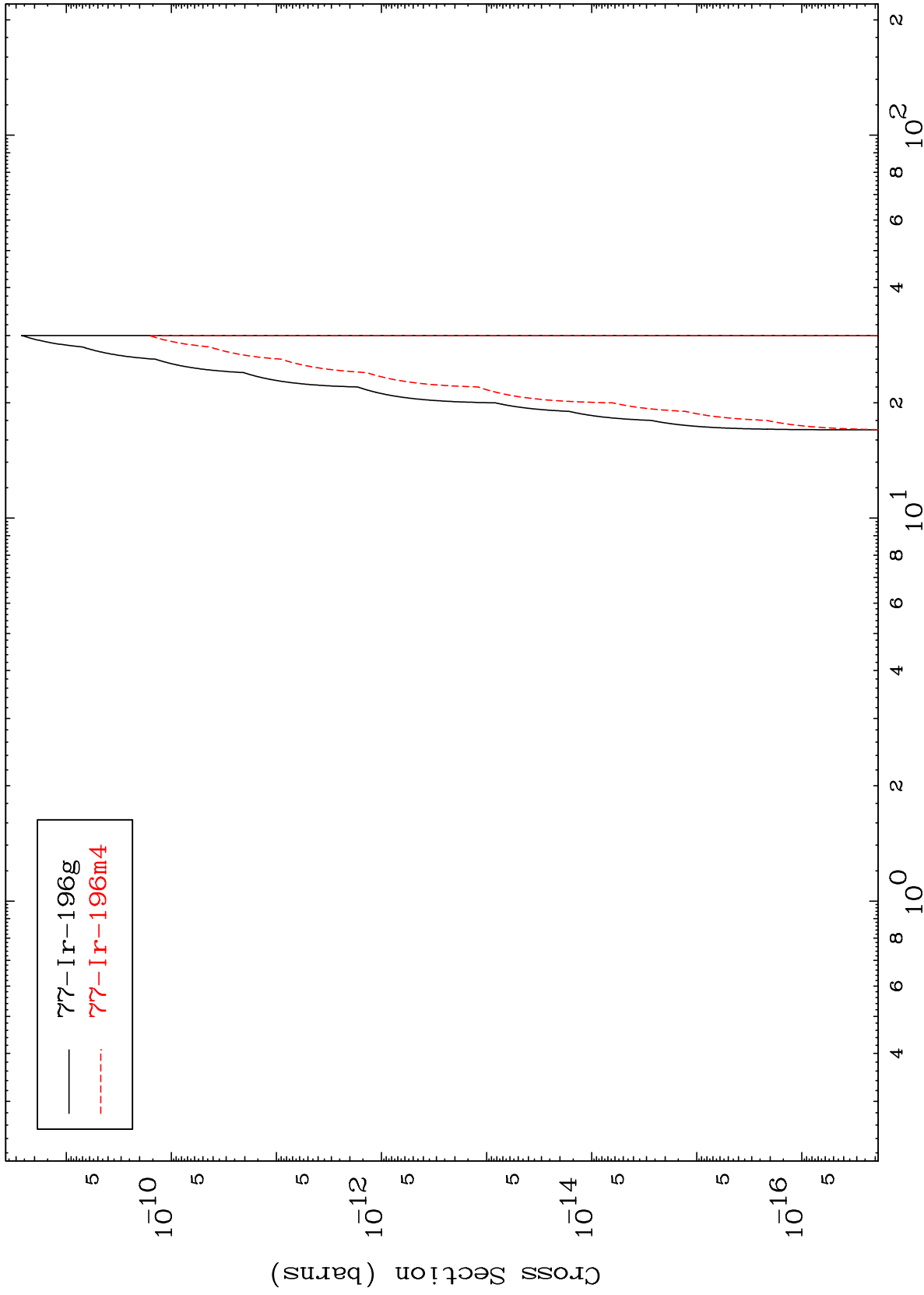
79-Au-200

MAT 7934

(p,p) α

⁷⁹Au-200

Radionuclide Production Cross Section



26

Incident Energy (MeV)

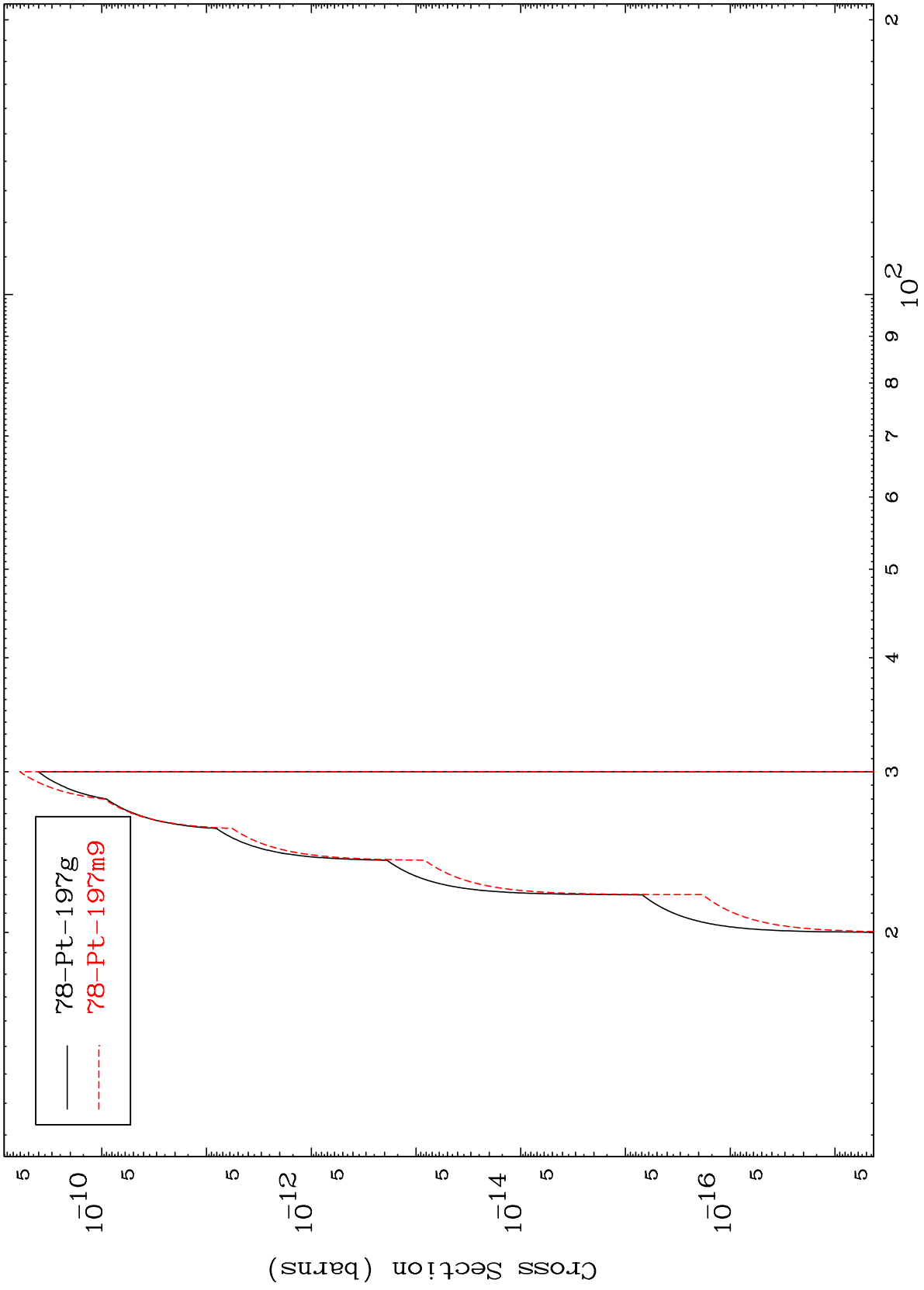
⁷⁹Au-200

MAT 7934

(p,p) t

79-Au-200

Radionuclide Production Cross Section



27

Incident Energy (MeV)

79-Au-200