

Program EVALPLOT
(Version 2018-1)

by

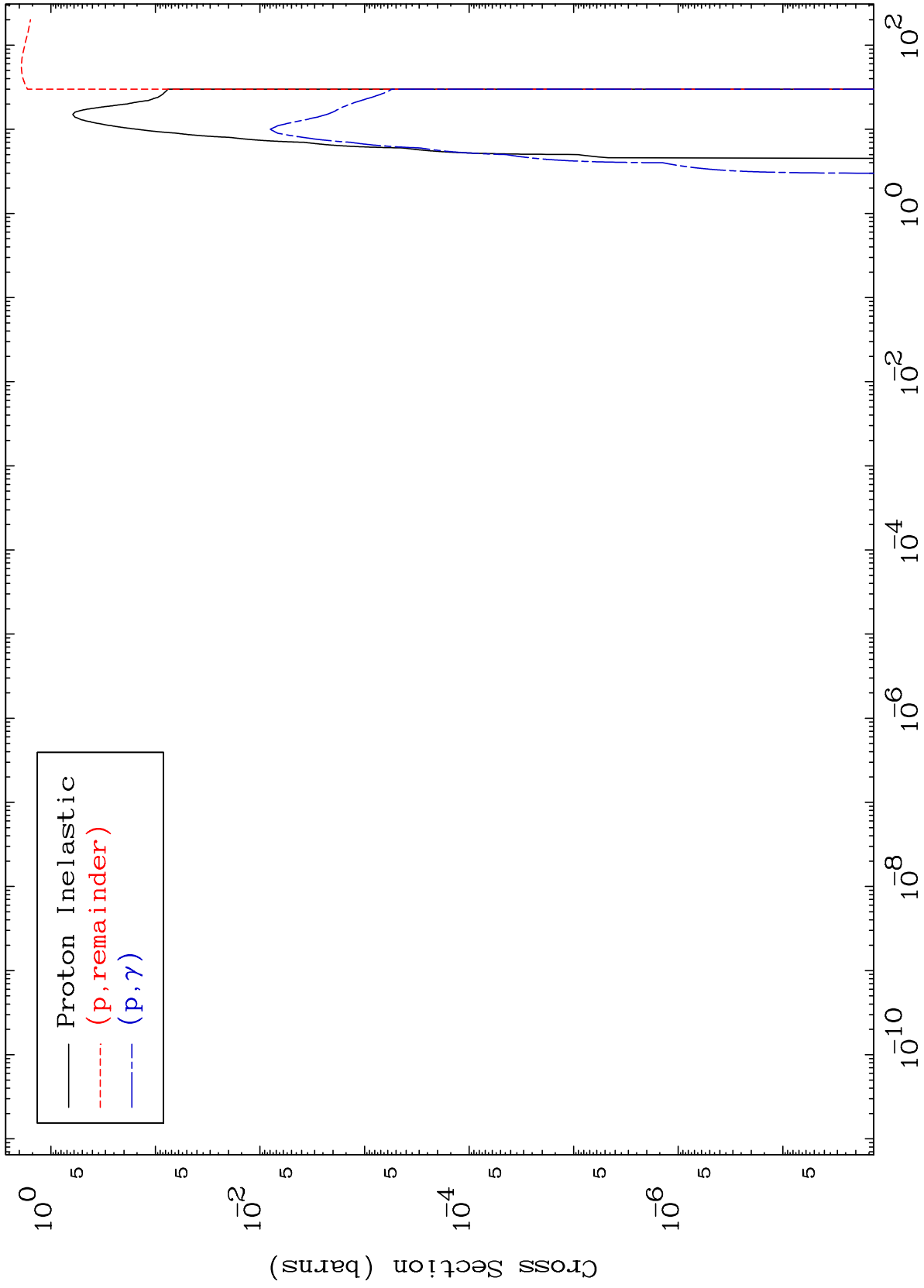
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail:redcullen1@comcast.net
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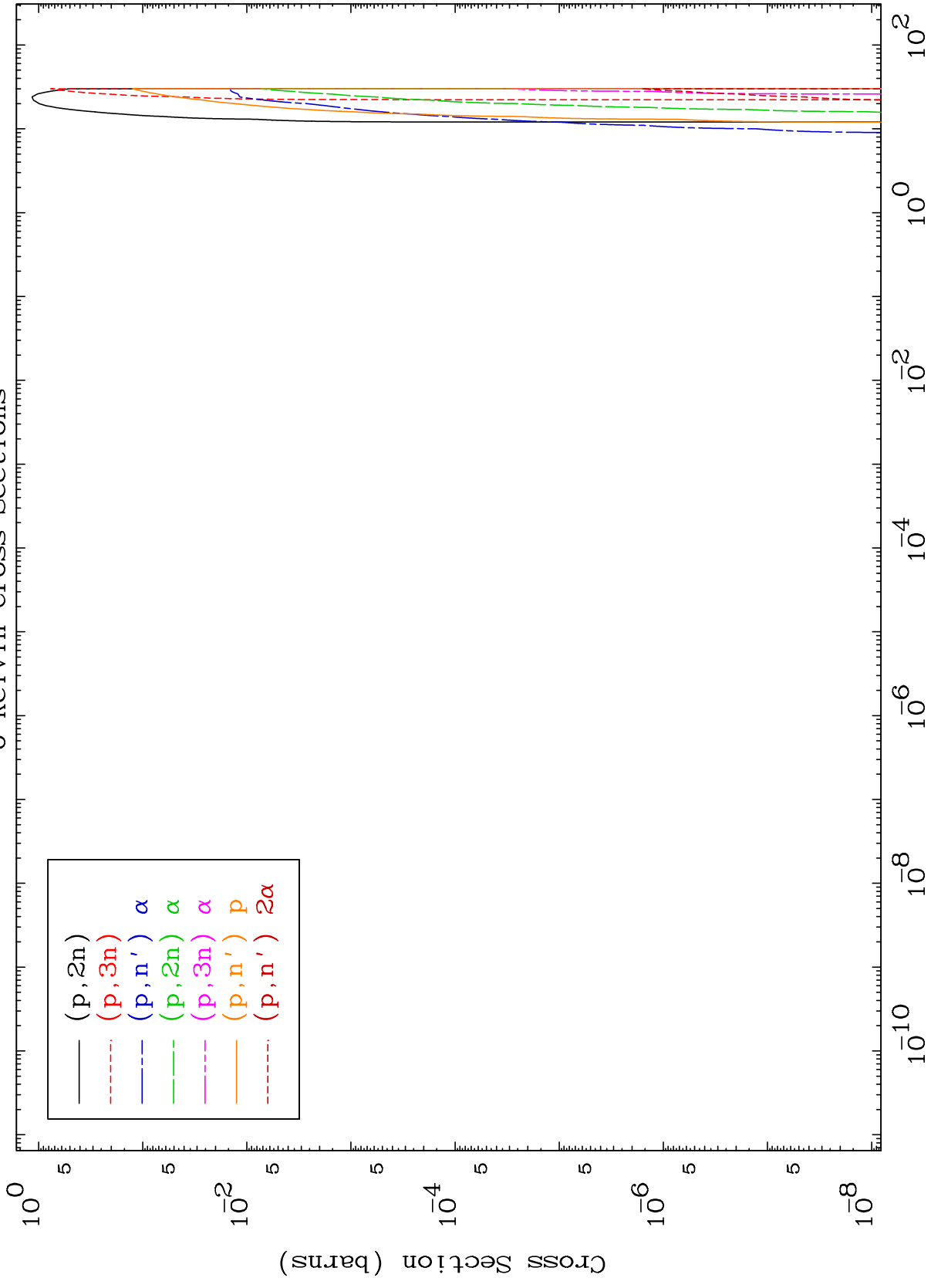
Press Mouse Button to Start



MAT 7902

Proton Neutron Production
0 Kelvin Cross Sections

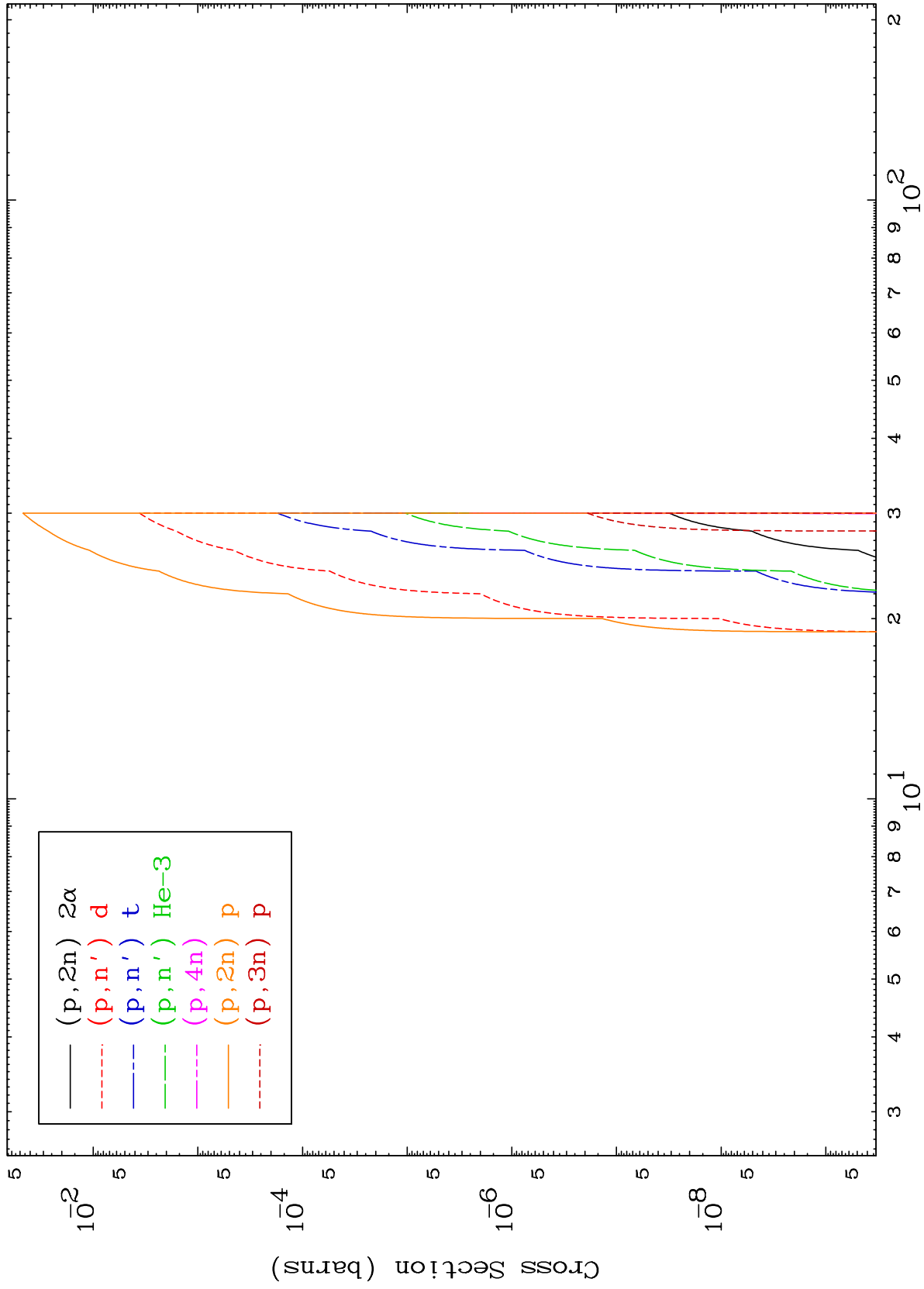
79-Au-189

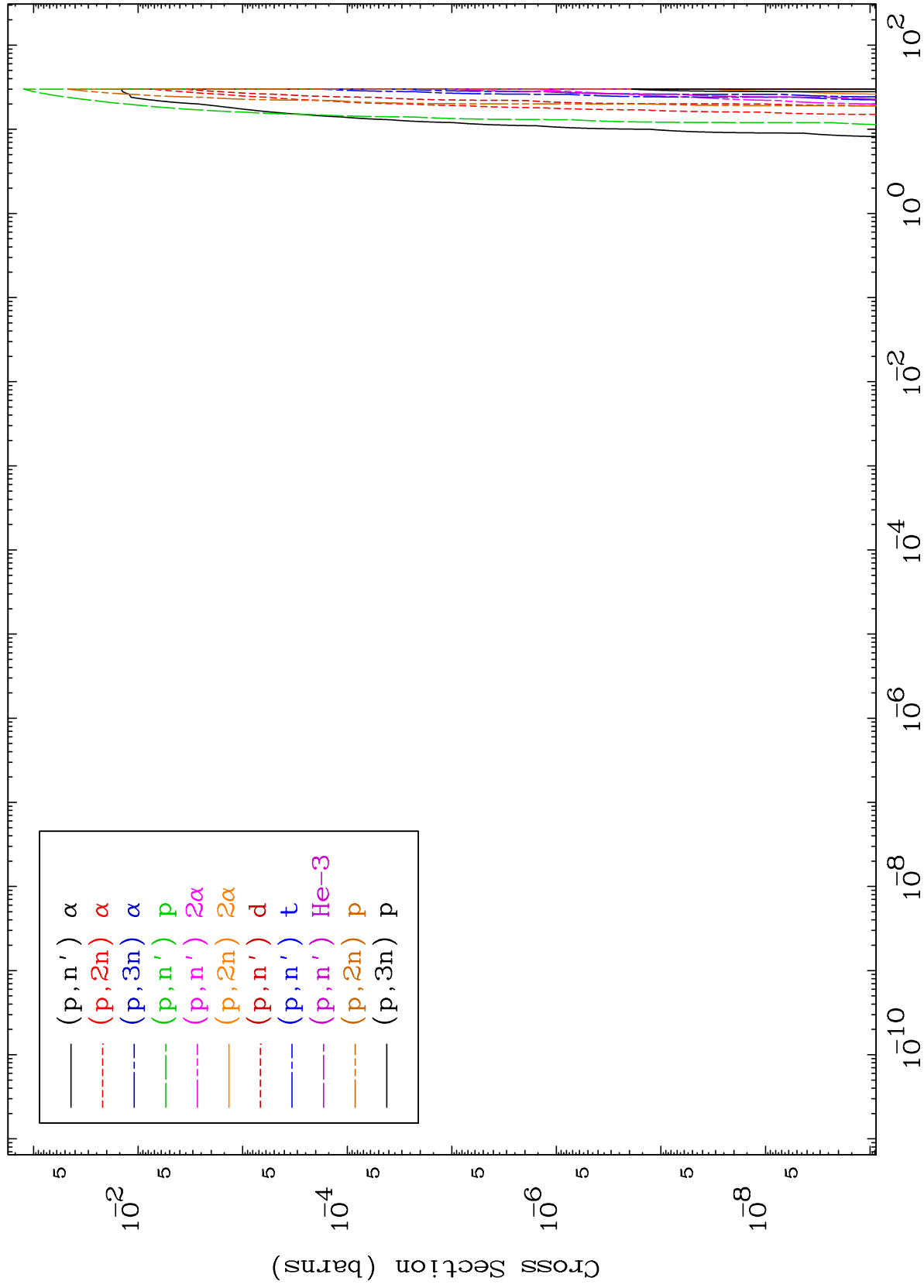


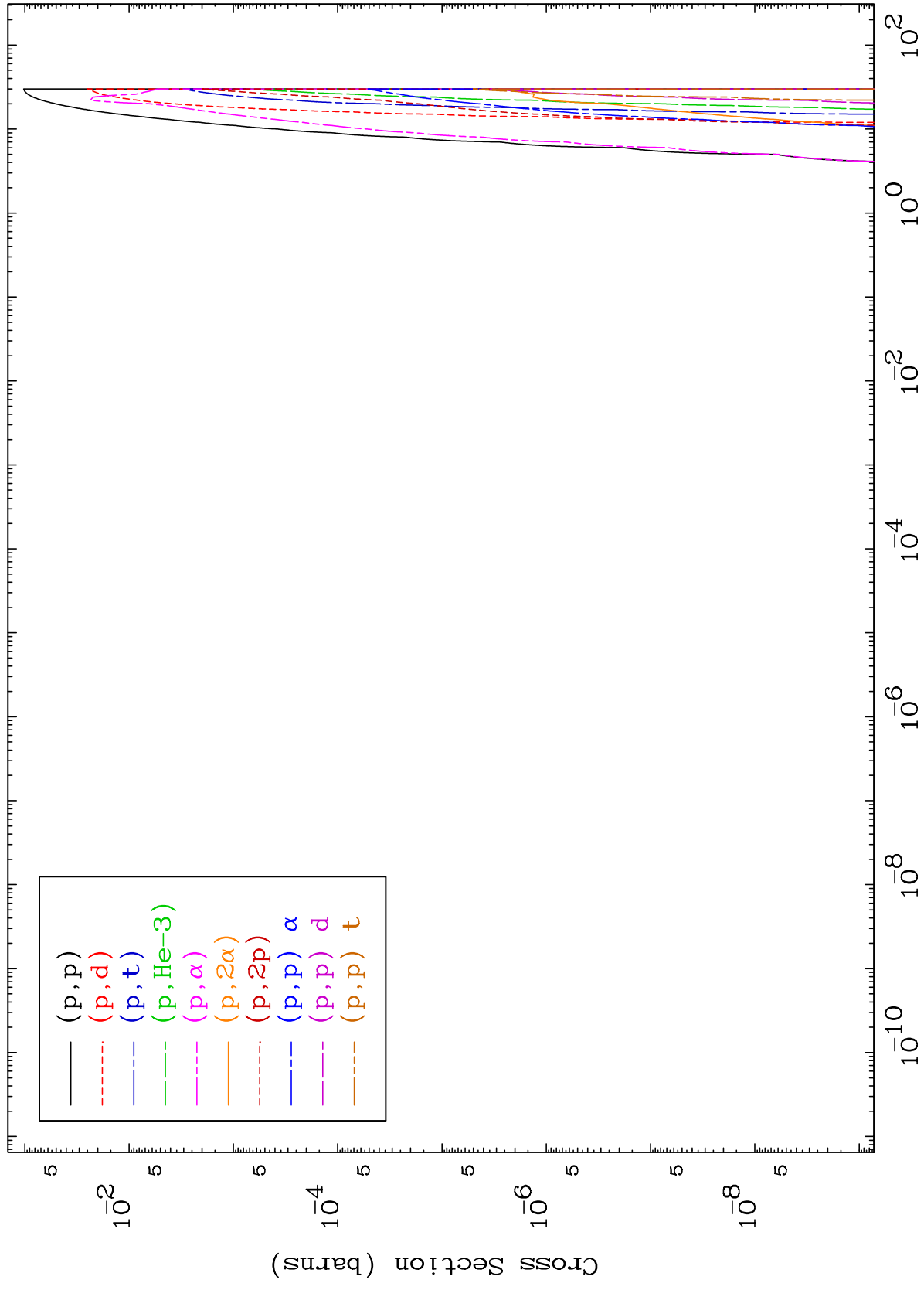
2

Incident Energy (MeV)

79-Au-189



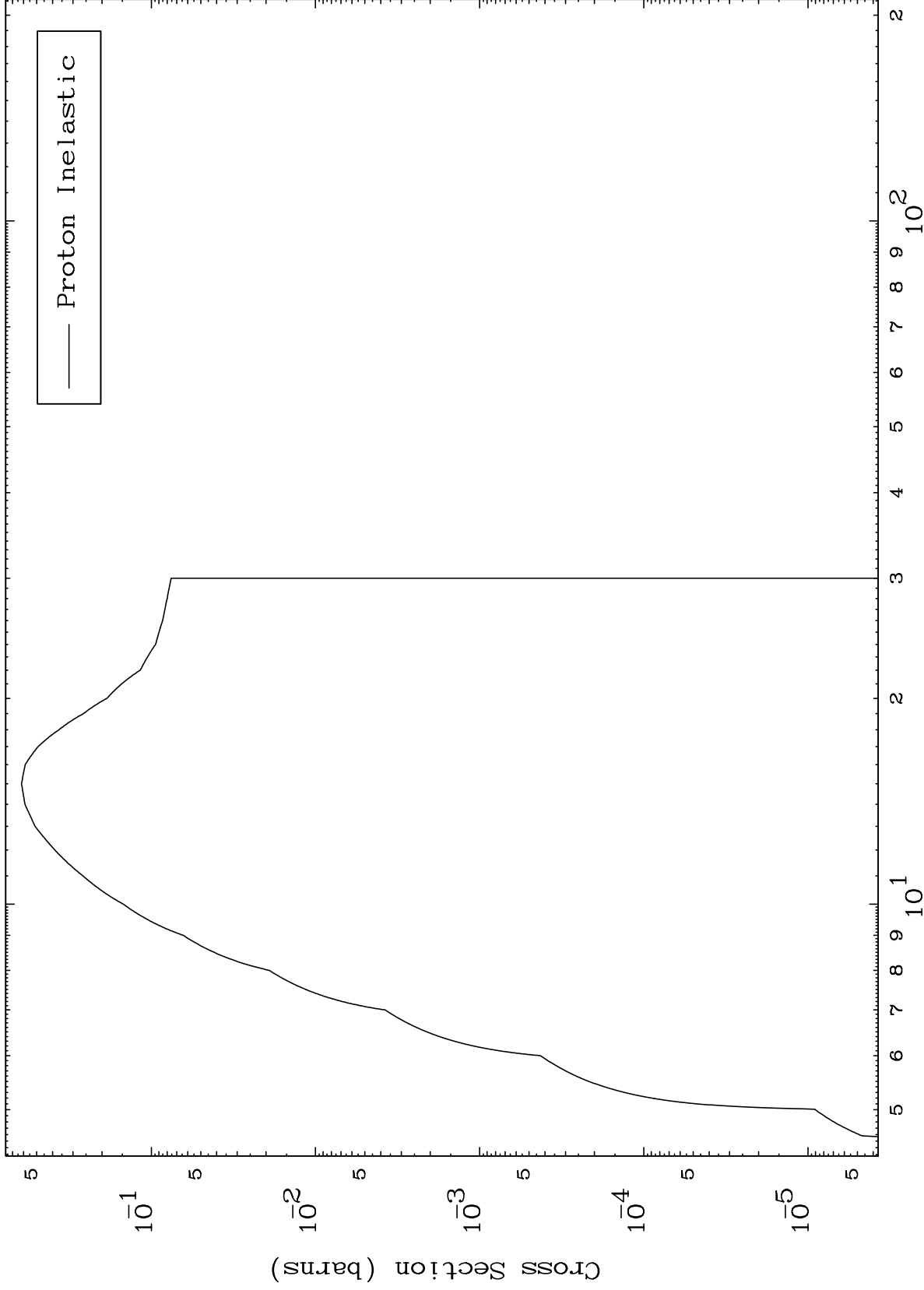




MAT 7902

(p,n') Level
0 Kelvin Cross Sections

79-Au-189



6

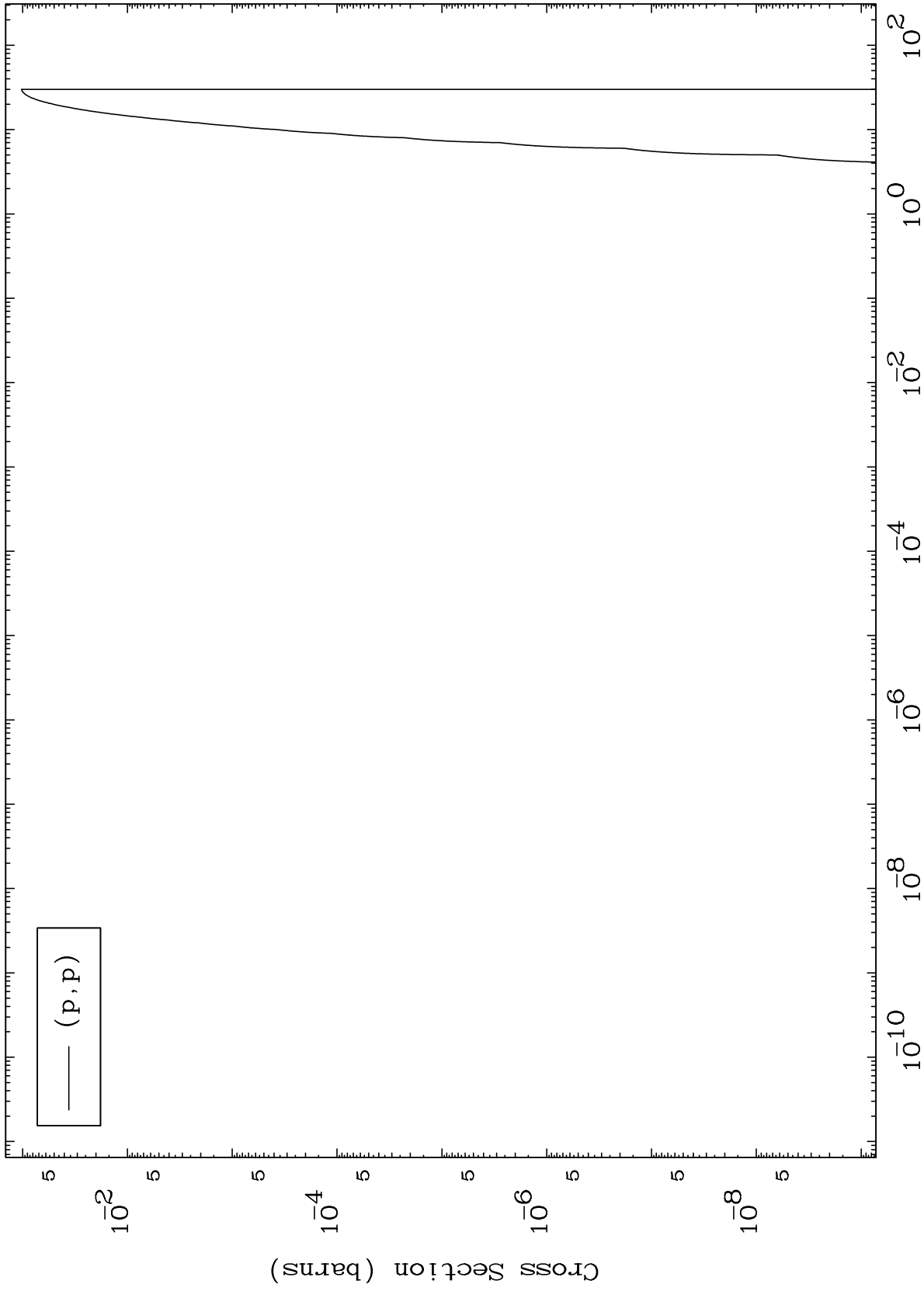
Incident Energy (MeV)

79-Au-189

MAT 7902

(p,p) Levels
0 Kelvin Cross Sections

79-Au-189



7

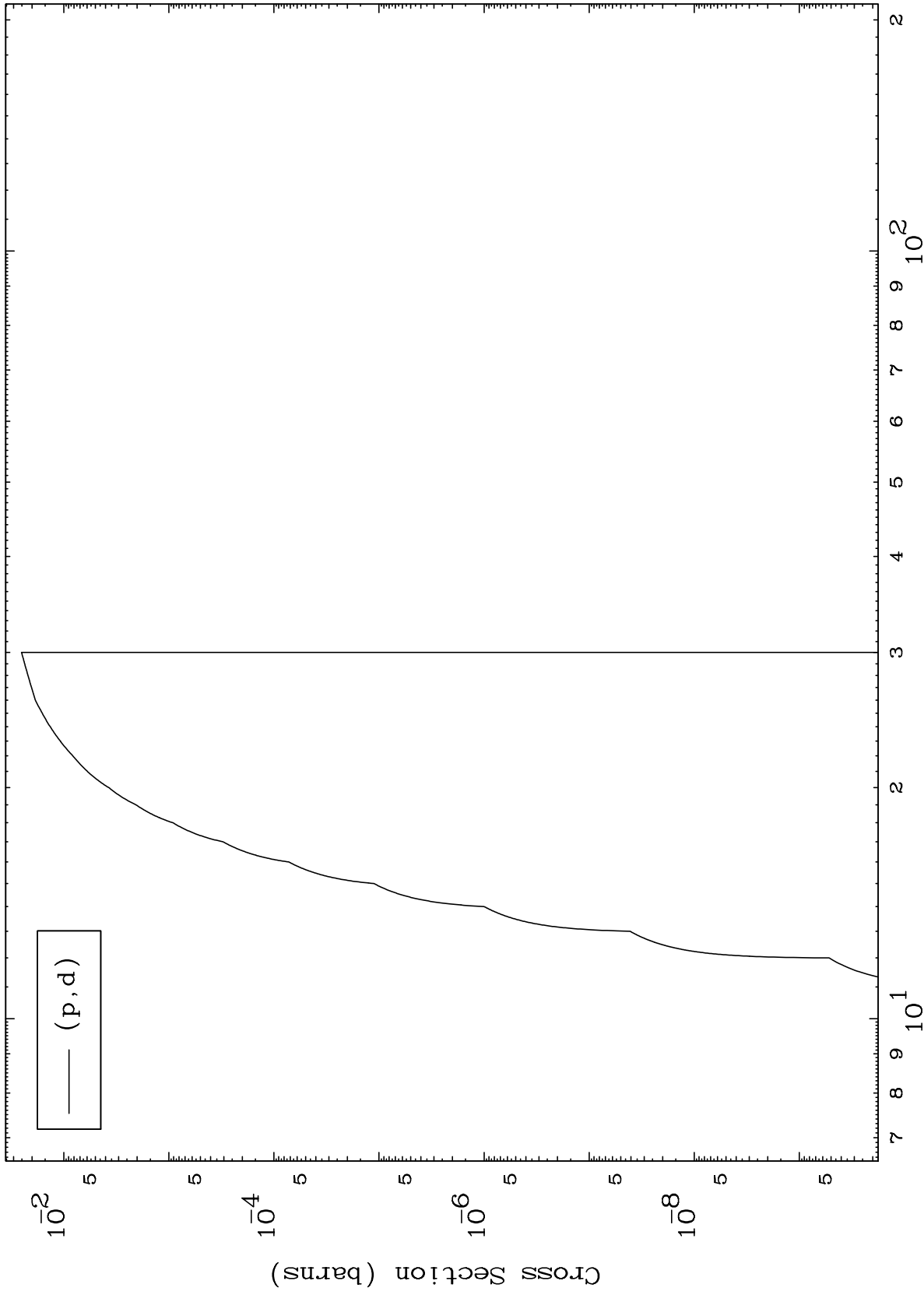
Incident Energy (MeV)

79-Au-189

MAT 7902

(p,d) Levels
0 Kelvin Cross Sections

79-Au-189



8

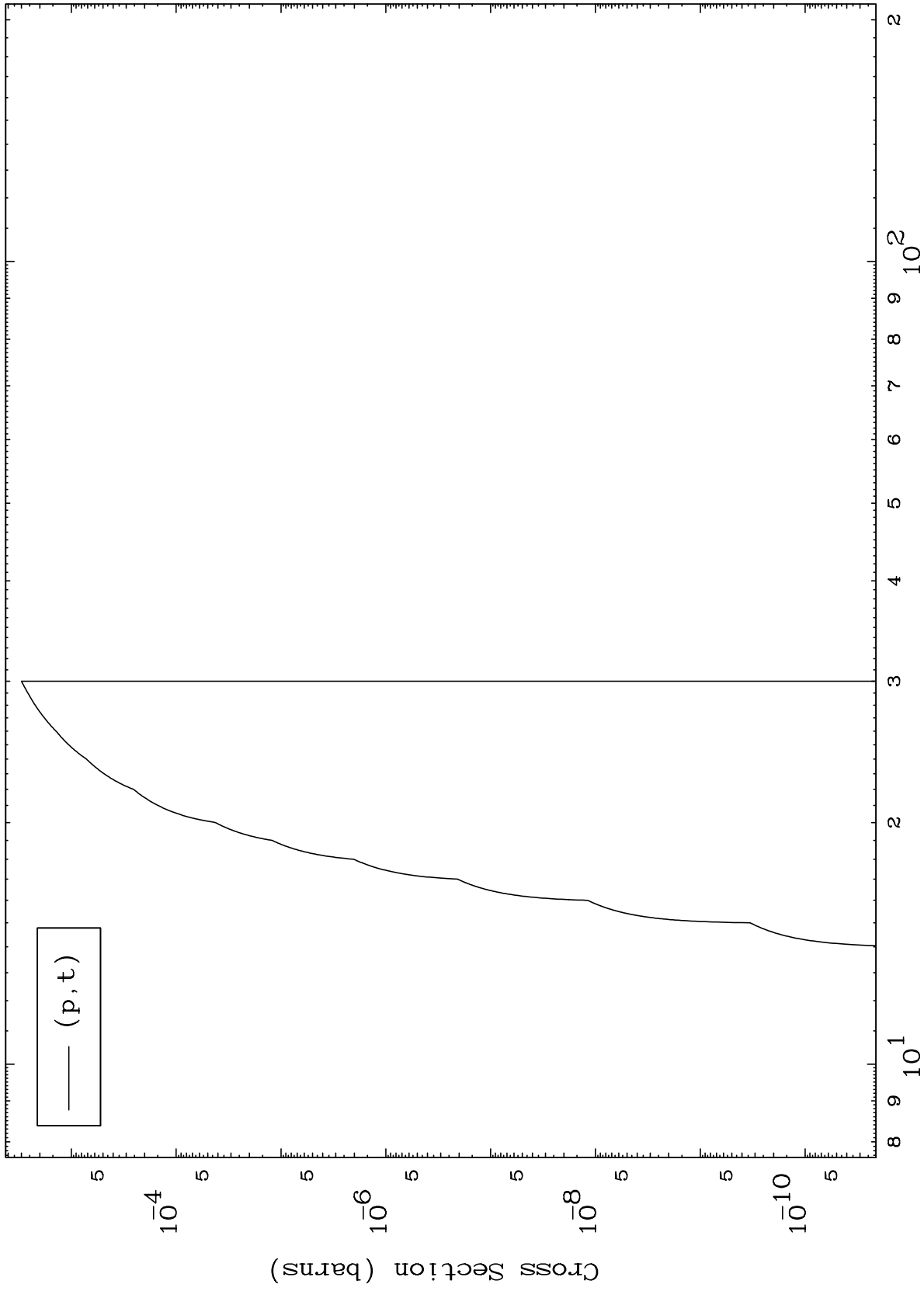
Incident Energy (MeV)

79-Au-189

MAT 7902

(p,t) Levels
0 Kelvin Cross Sections

79-Au-189



9

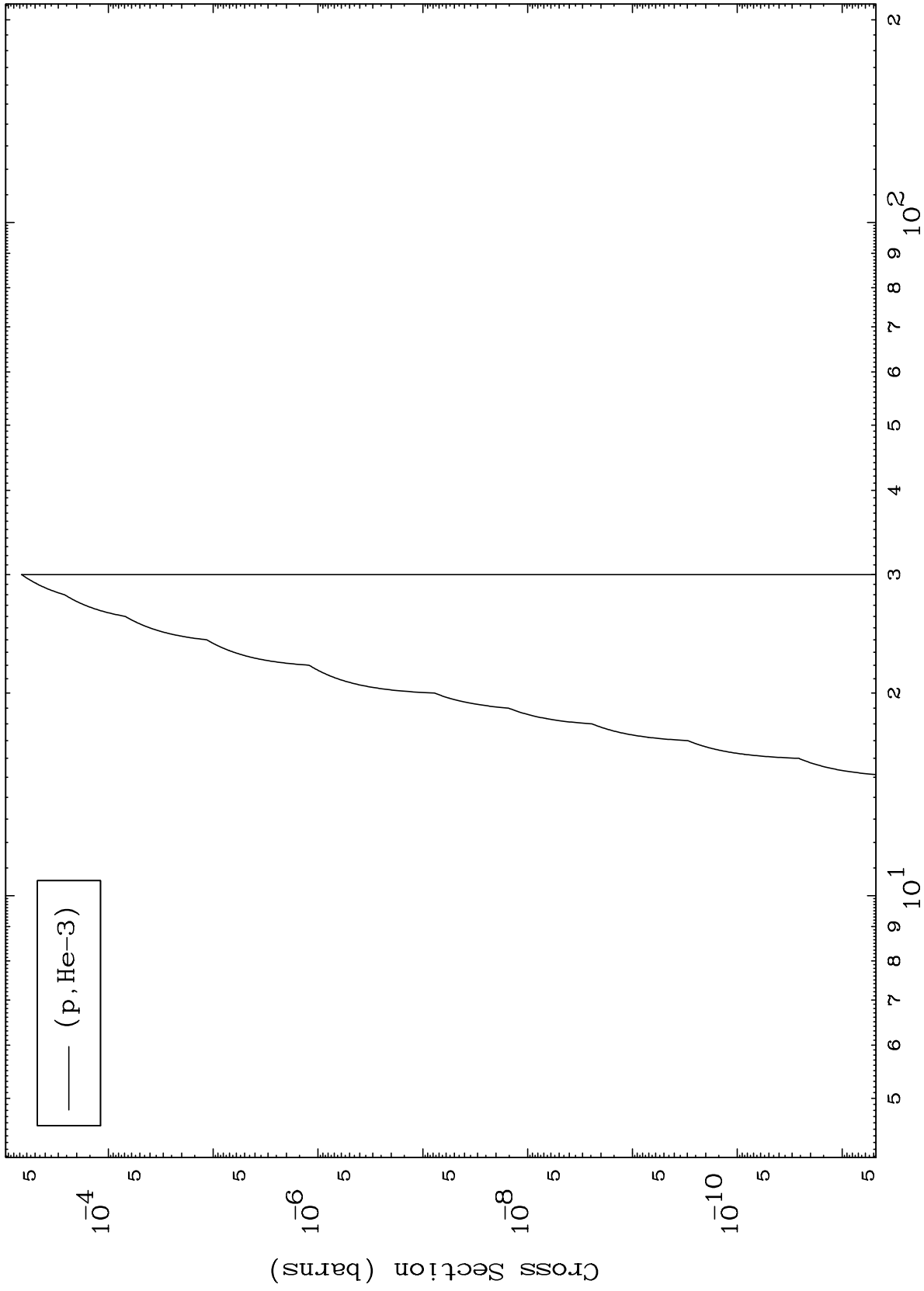
Incident Energy (MeV)

79-Au-189

MAT 7902

(p,He3) Levels
0 Kelvin Cross Sections

79-Au-189



10

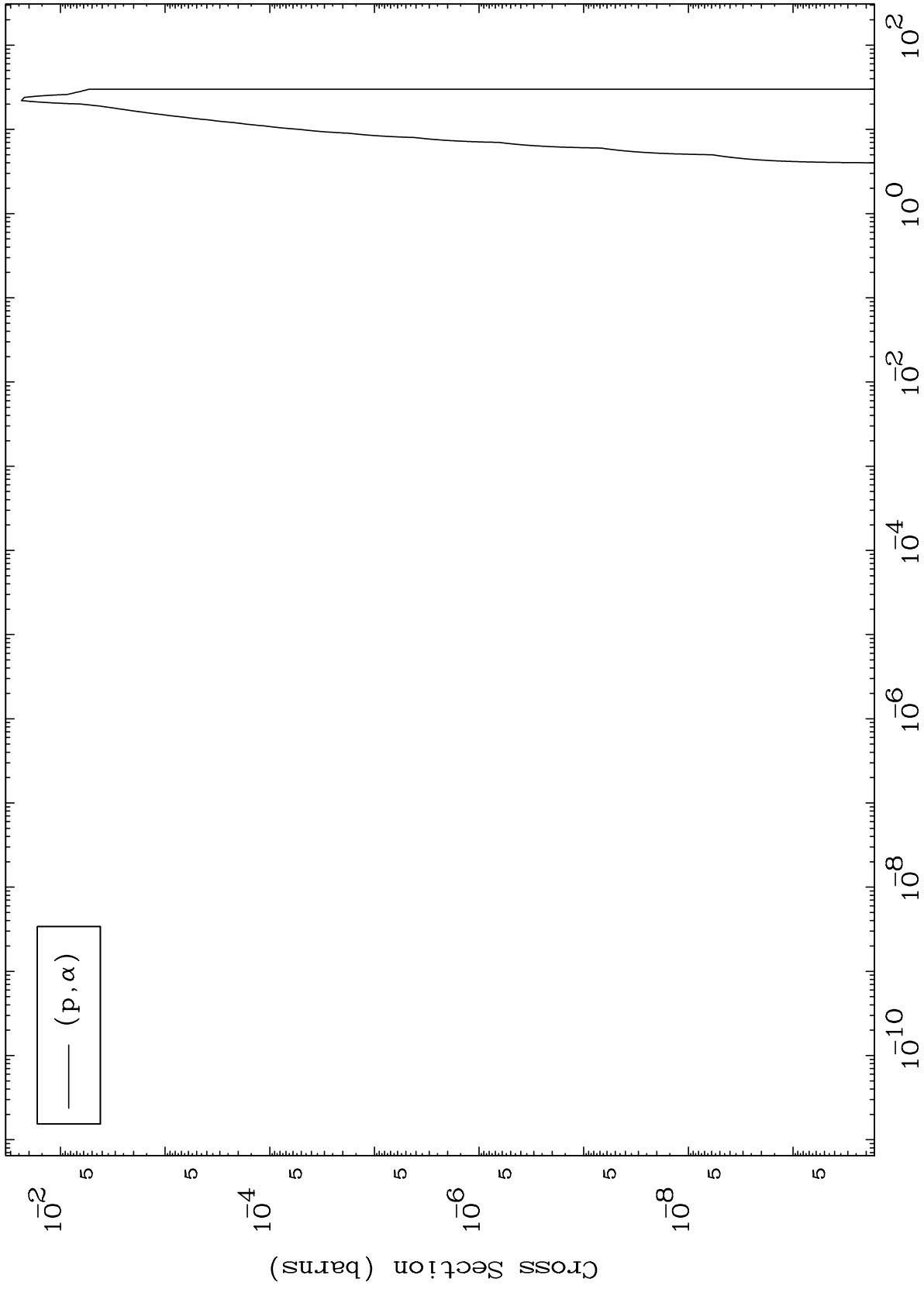
Incident Energy (MeV)

79-Au-189

MAT 7902

(p,α) Levels
0 Kelvin Cross Sections

79-Au-189



11

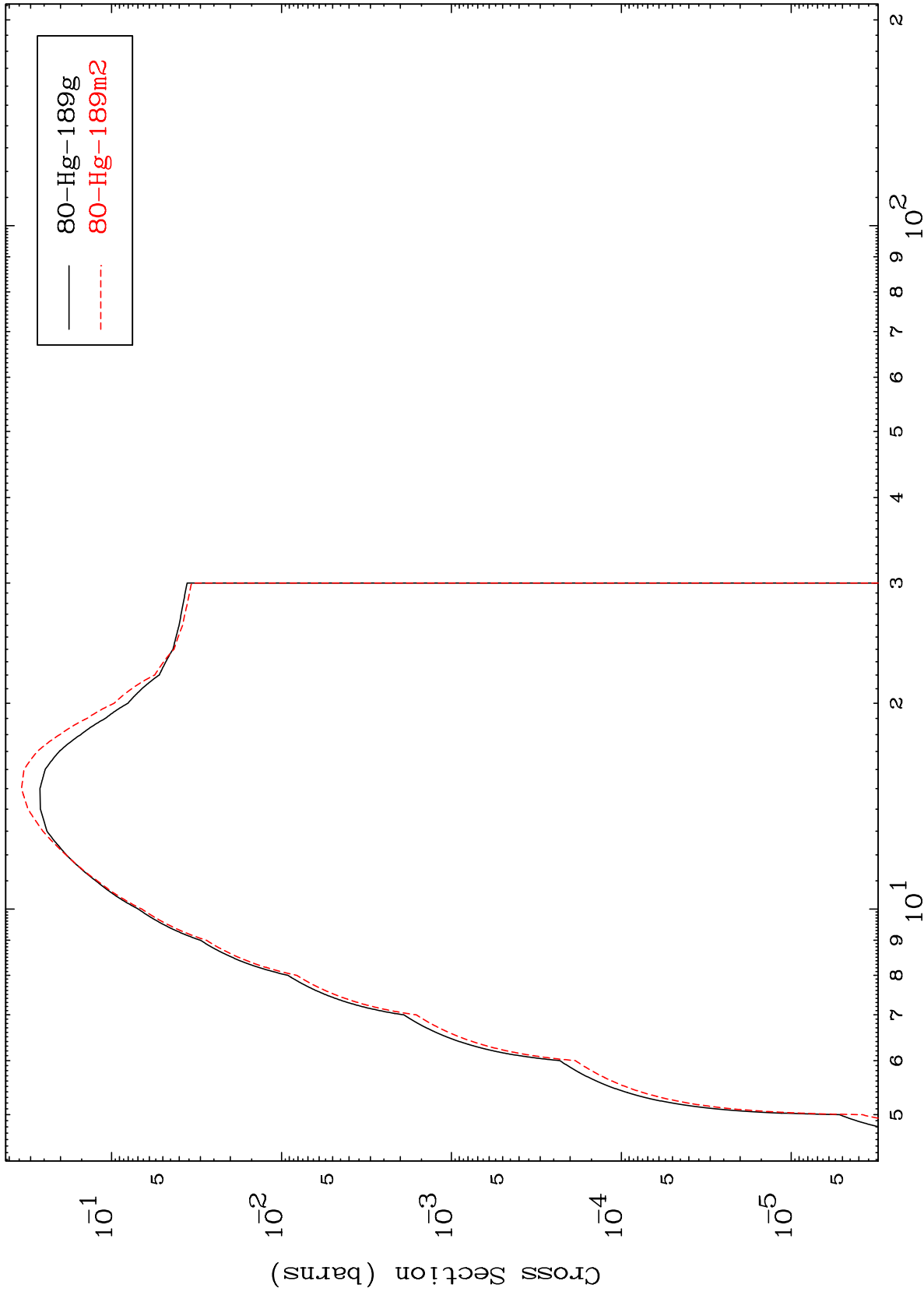
Incident Energy (MeV)

79-Au-189

MAT 7902

Proton Inelastic
Radionuclide Production Cross Section

79-Au-189



12

Incident Energy (MeV)

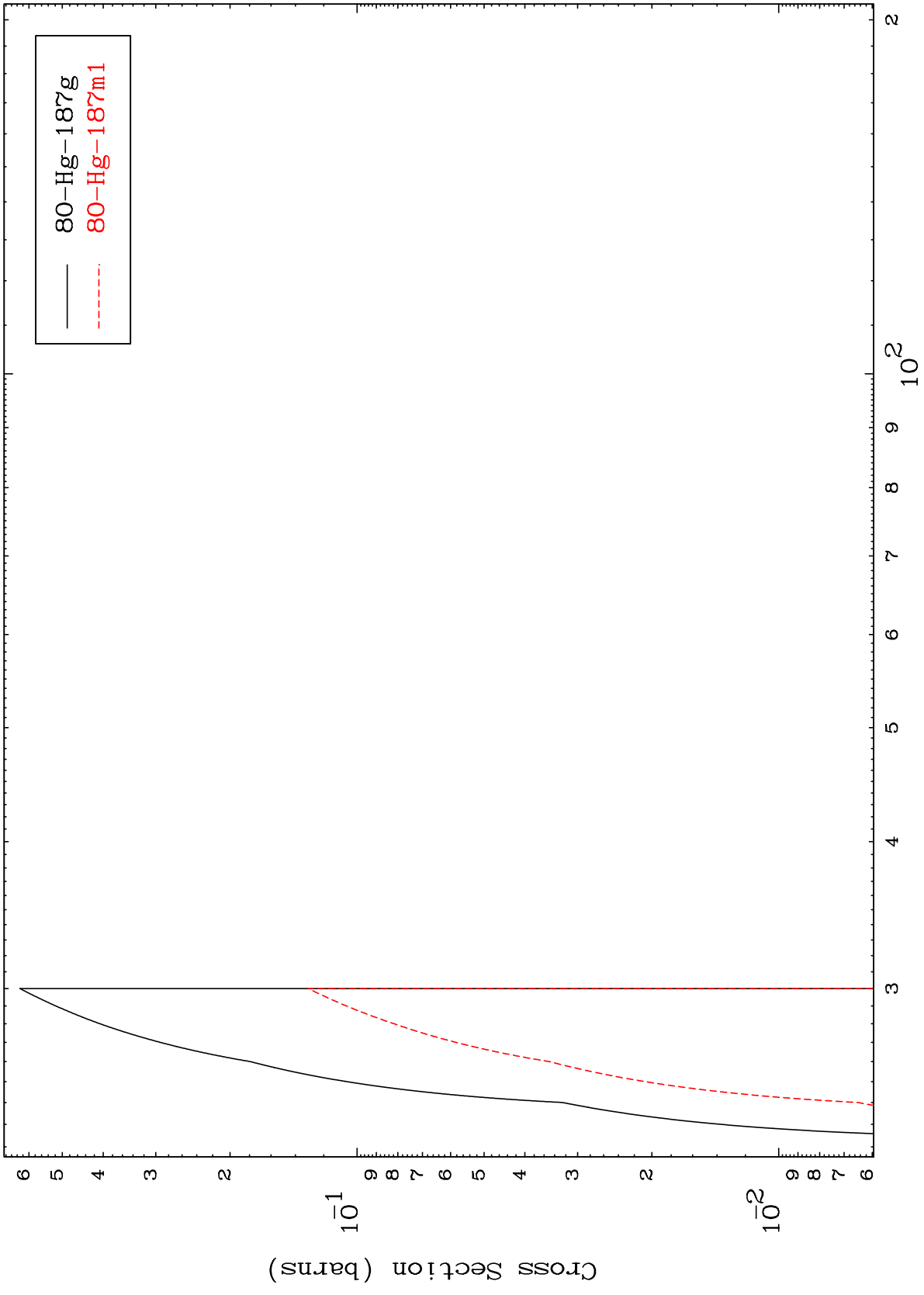
79-Au-189

MAT 7902

(p,3n)

79-Au-189

Radionuclide Production Cross Section



80-Hg-187g
80-Hg-187m1

13

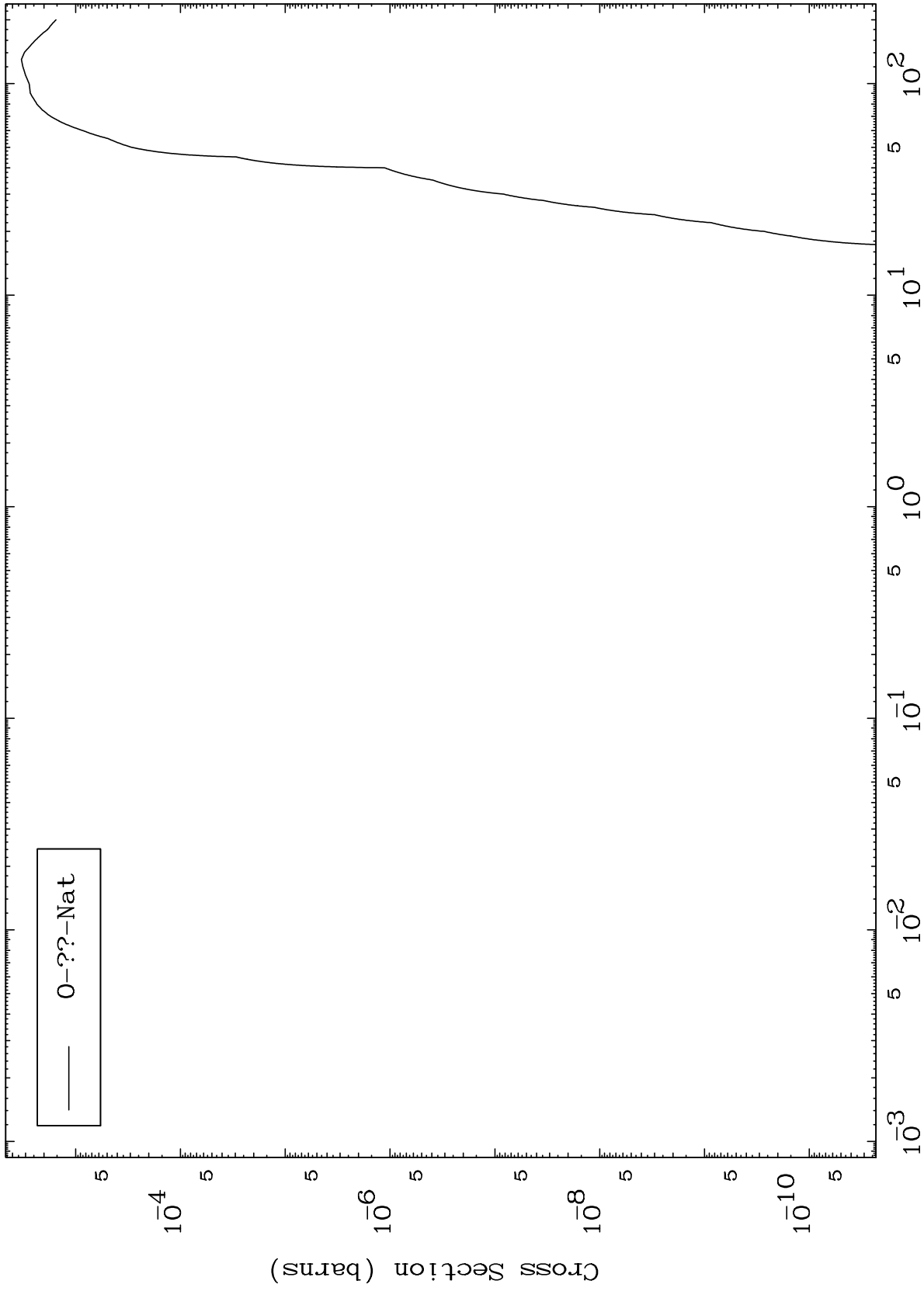
Incident Energy (MeV)

79-Au-189

MAT 7902

Proton Fission
Radionuclide Production Cross Section

79-Au-189



14

Incident Energy (MeV)

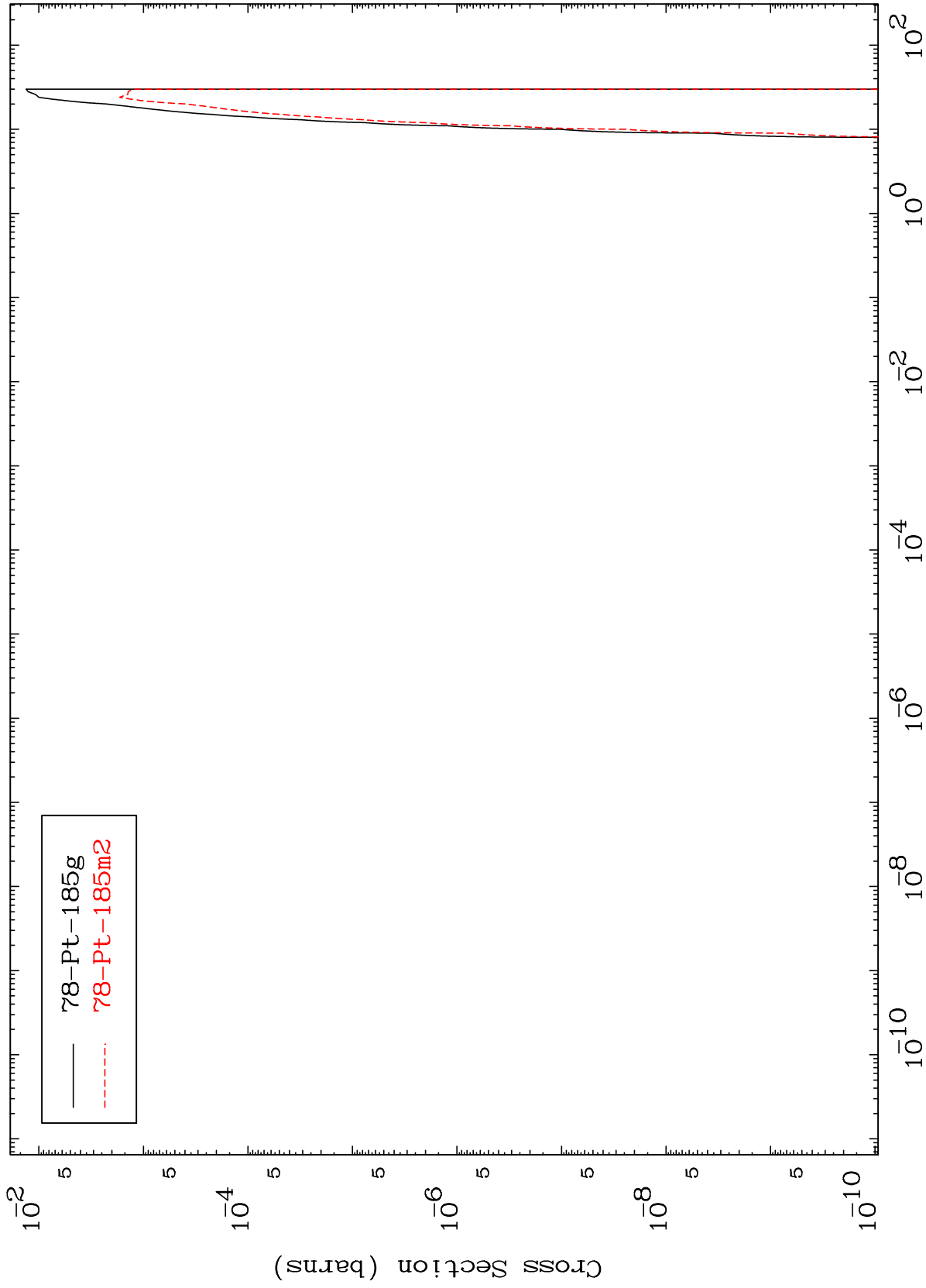
79-Au-189

MAT 7902

(p,n') α

⁷⁹Au-189

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

15

Incident Energy (MeV)

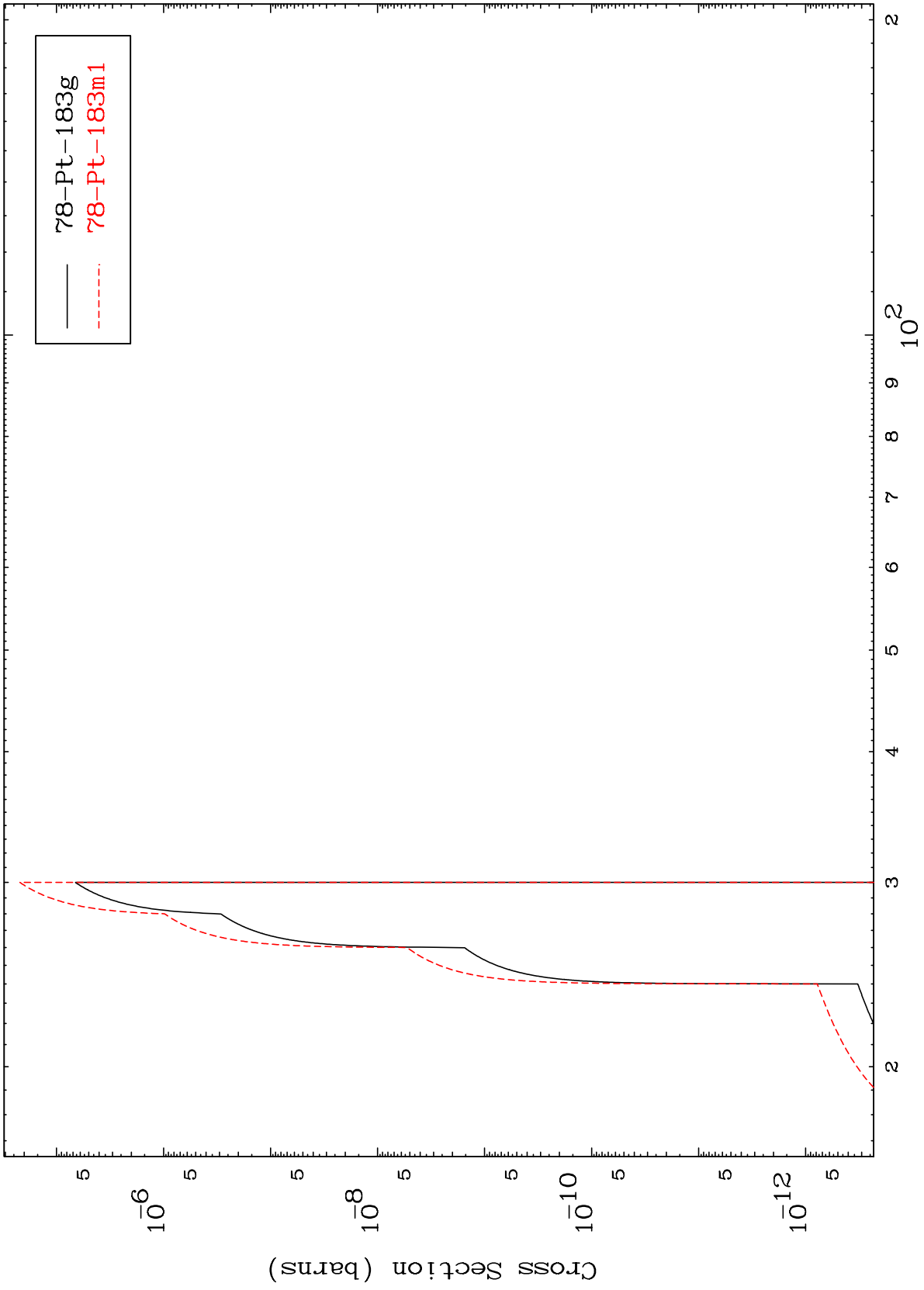
⁷⁹Au-189

MAT 7902

(p,3n) α

79-Au-189

Radionuclide Production Cross Section



16

Incident Energy (MeV)

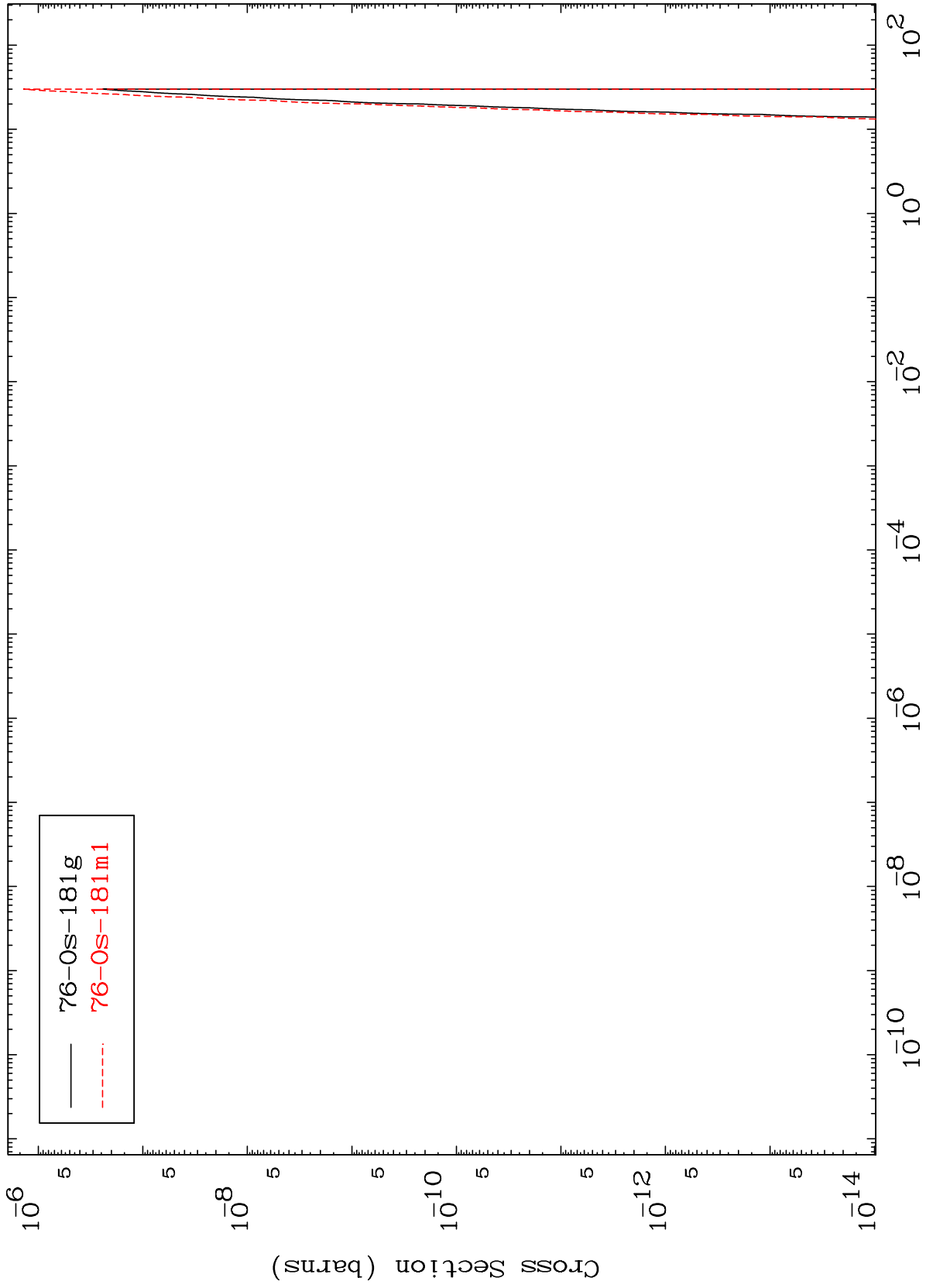
79-Au-189

MAT 7902

(p,n') 2 α

⁷⁹Au-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

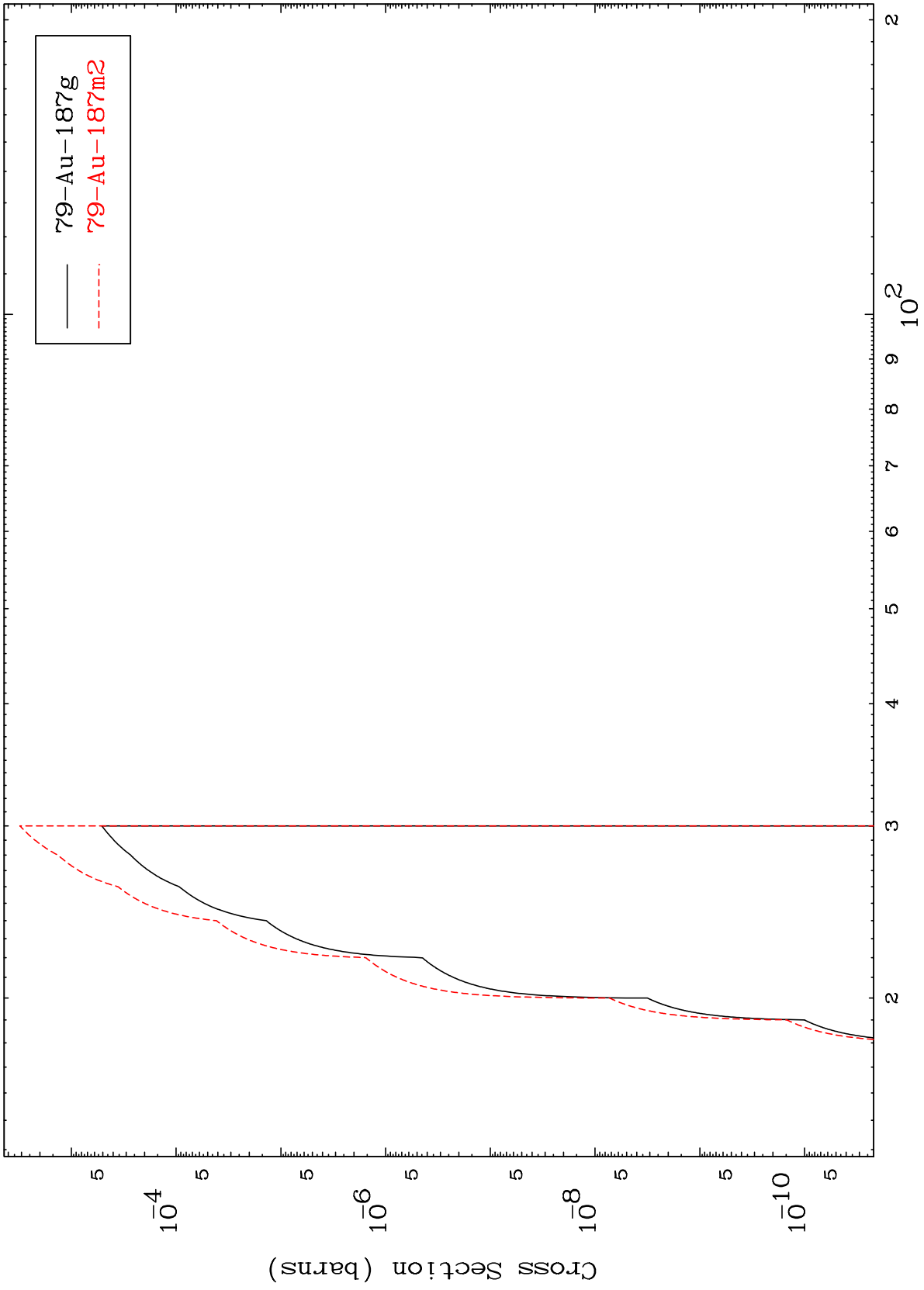
⁷⁹Au-189

MAT 7902

(p,n') d

⁷⁹Au-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

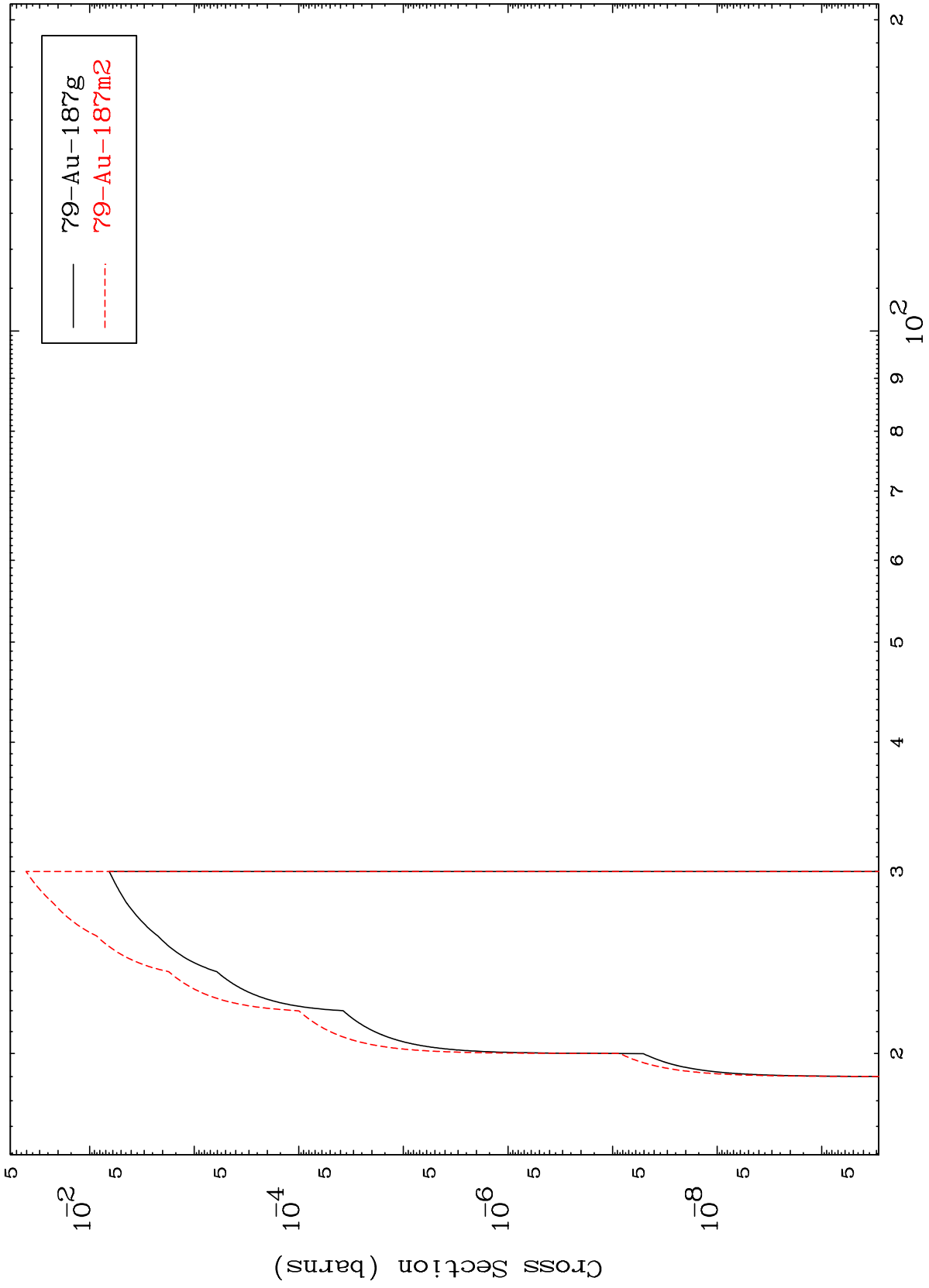
⁷⁹Au-189

MAT 7902

(p,2n) p

⁷⁹Au-189

Radionuclide Production Cross Section



19

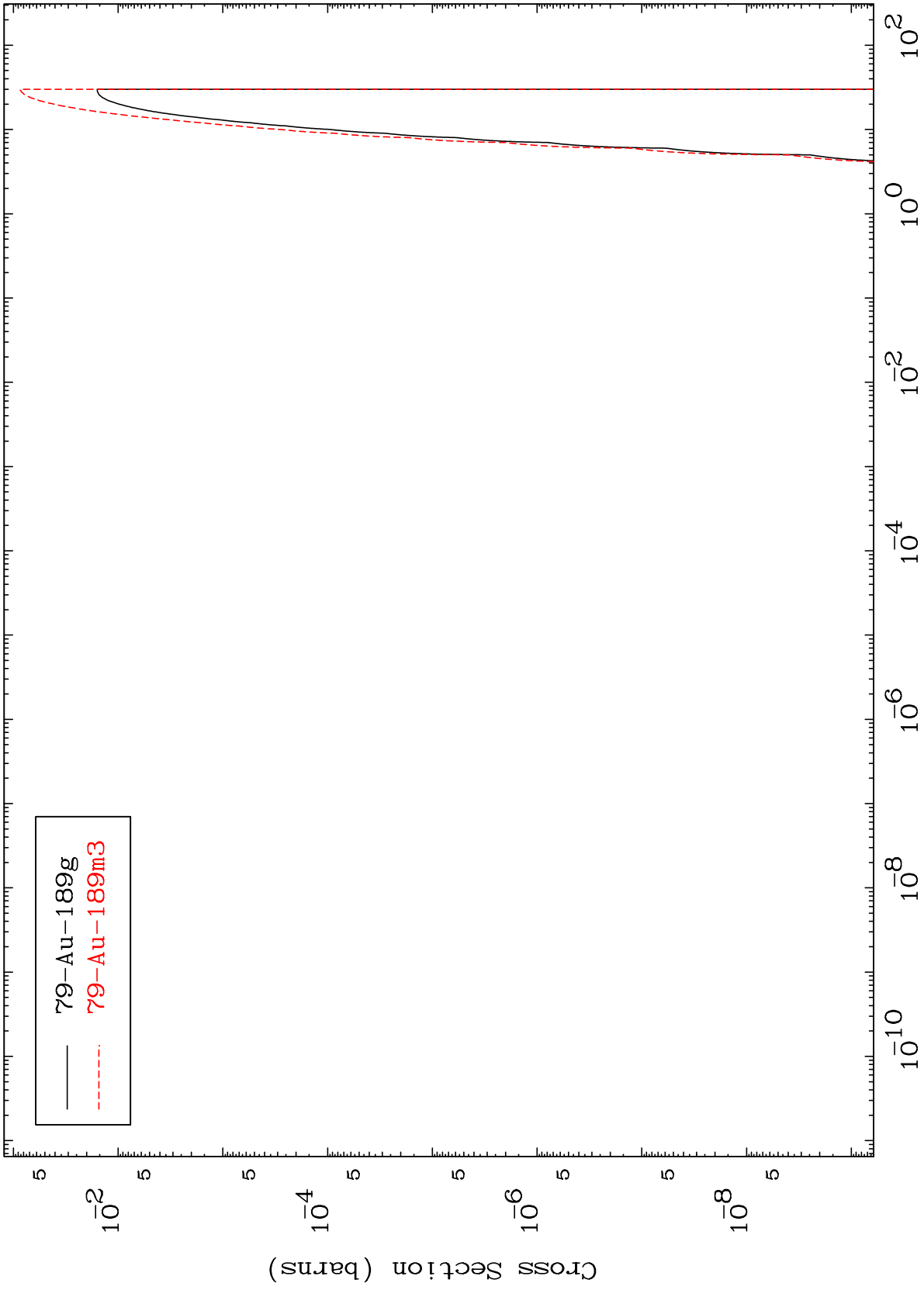
Incident Energy (MeV)

⁷⁹Au-189

MAT 7902

(p,p)
Radionuclide Production Cross Section

⁷⁹Au-189

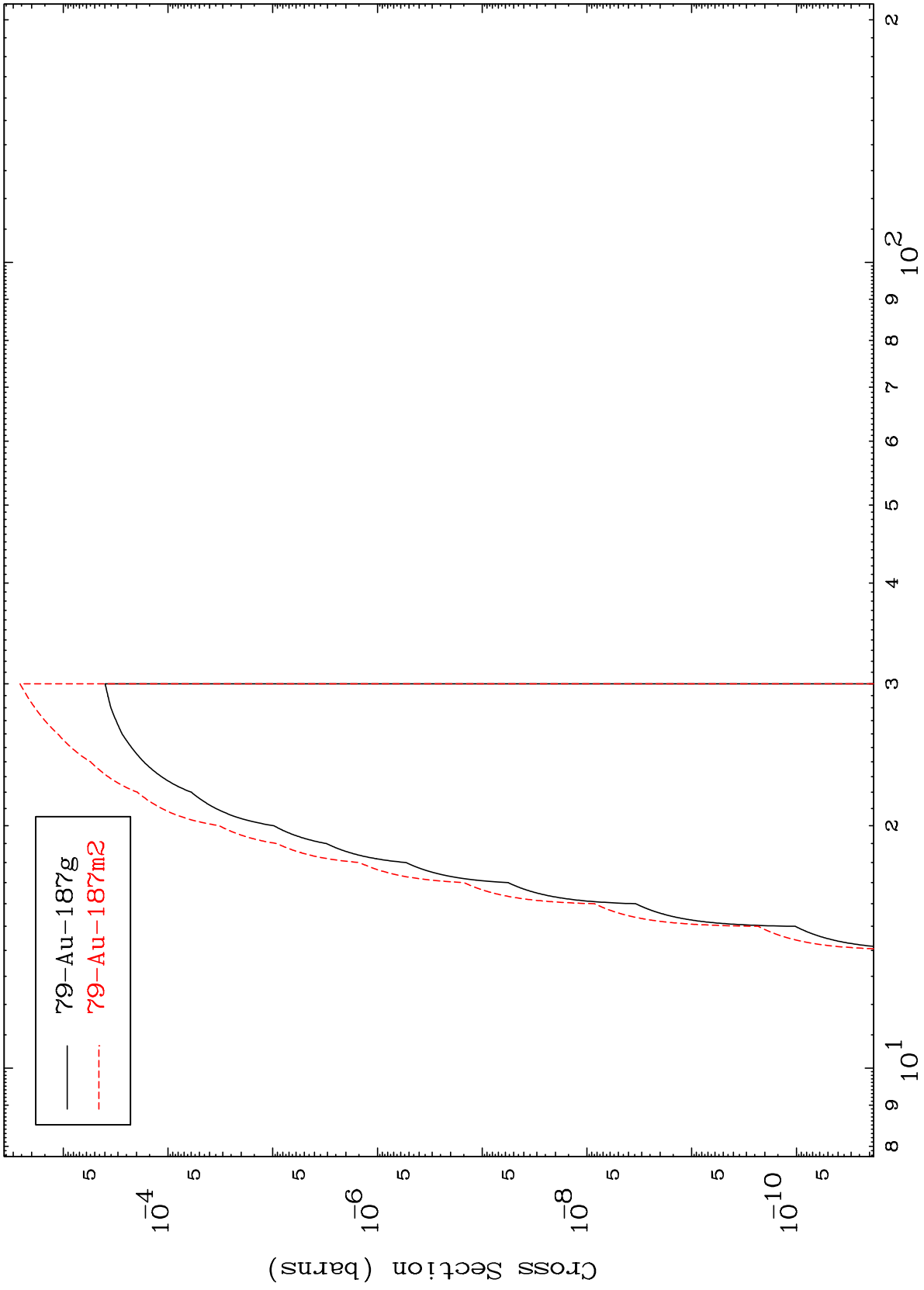


— ⁷⁹Au-189g
- - - ⁷⁹Au-189m3

MAT 7902

⁷⁹Au-189

(p, t)
Radionuclide Production Cross Section



21

⁷⁹Au-189

Incident Energy (MeV)