

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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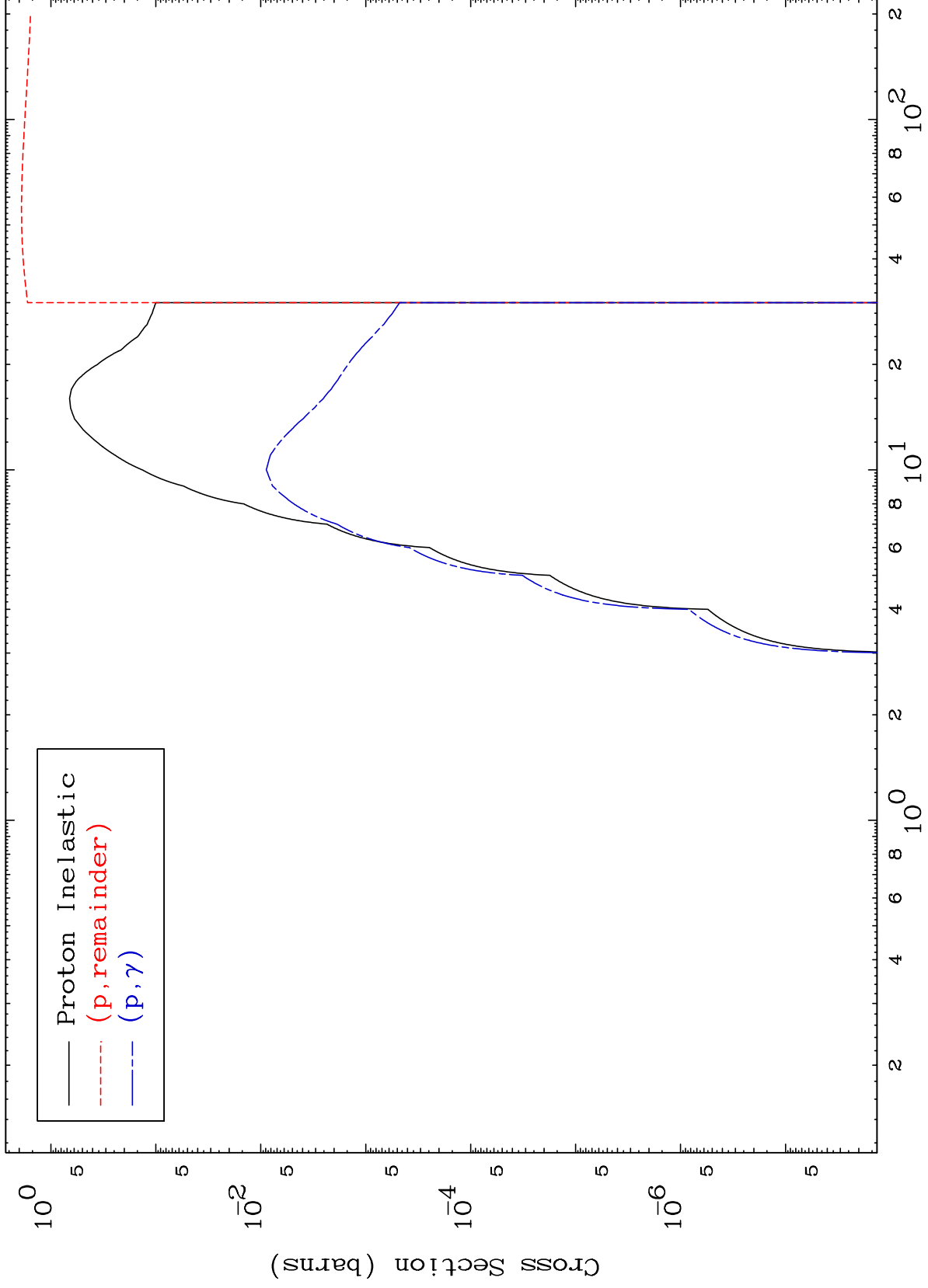
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

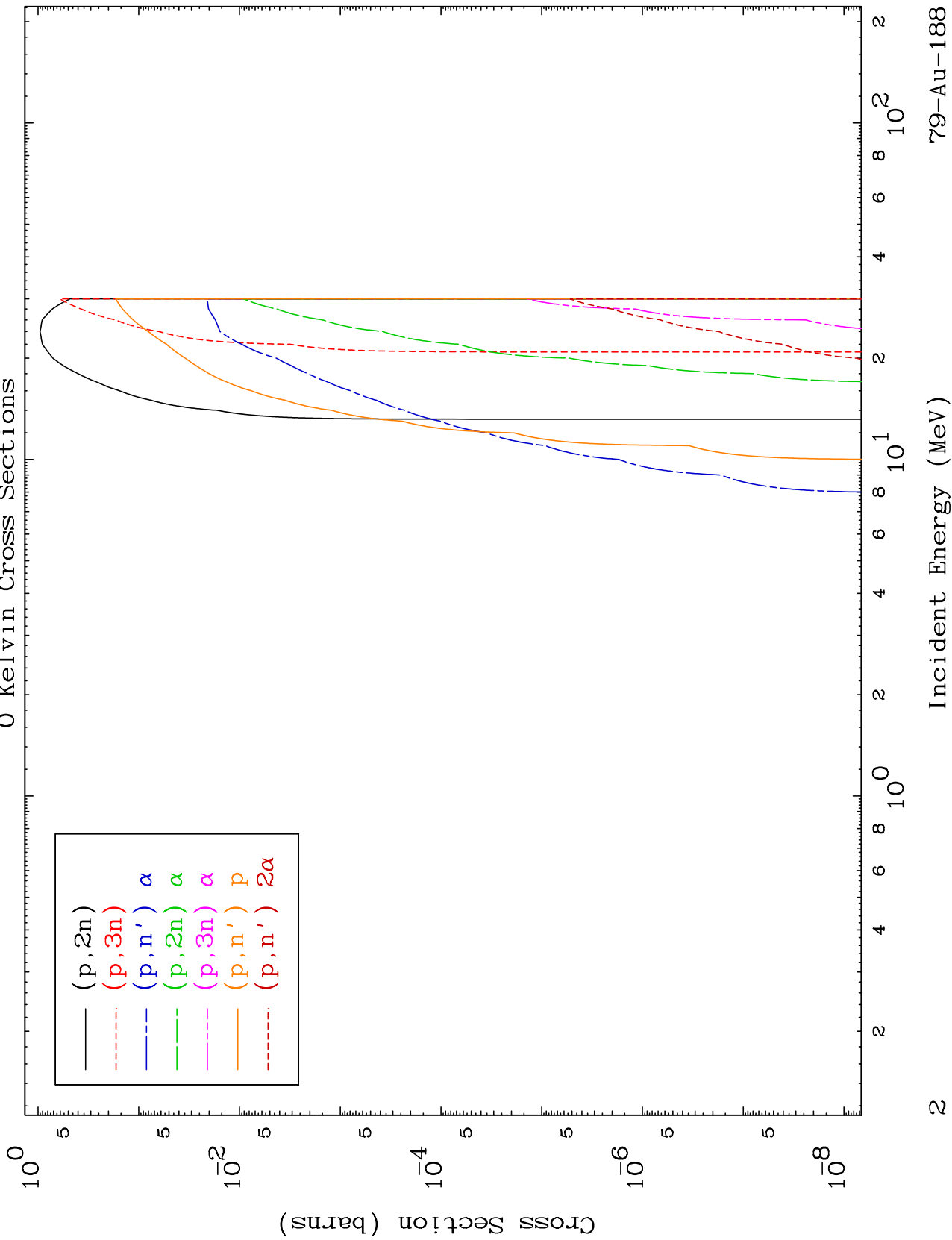
0 Kelvin Cross Sections

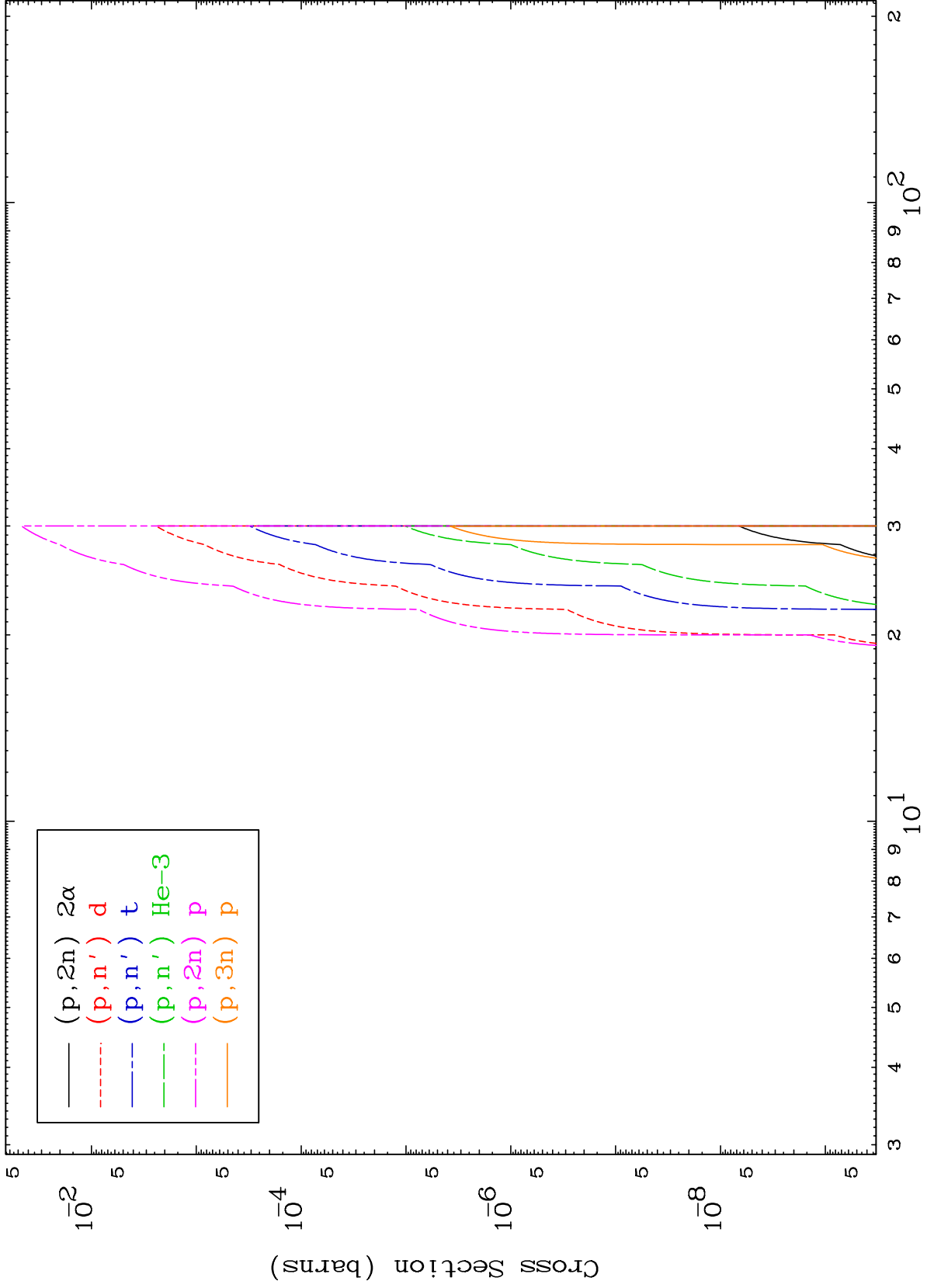


MAT 7898

Proton Neutron Production
0 Kelvin Cross Sections

79-Au-188

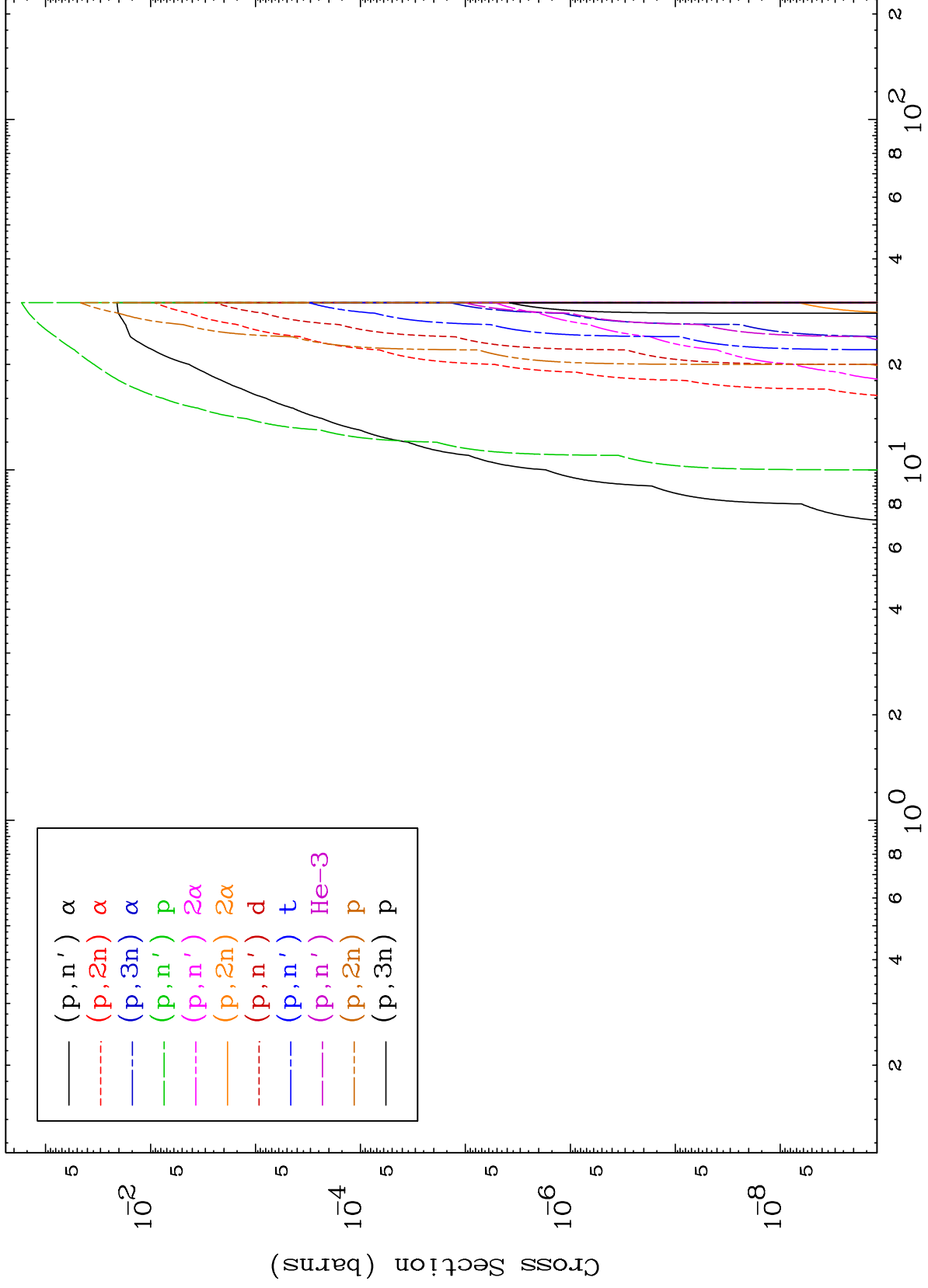


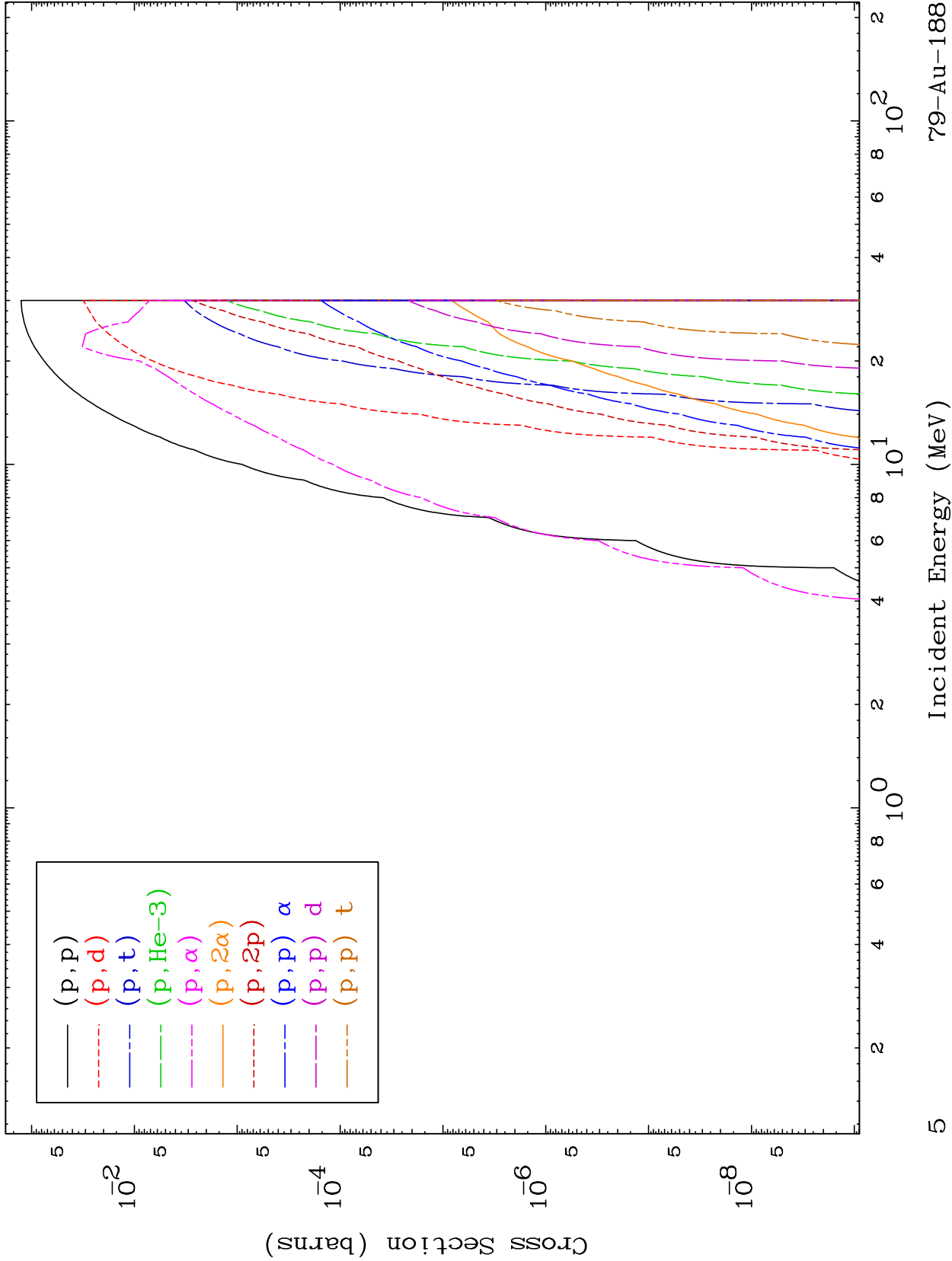


MAT 7898

Proton Charged Particle
0 Kelvin Cross Sections

79-Au-188

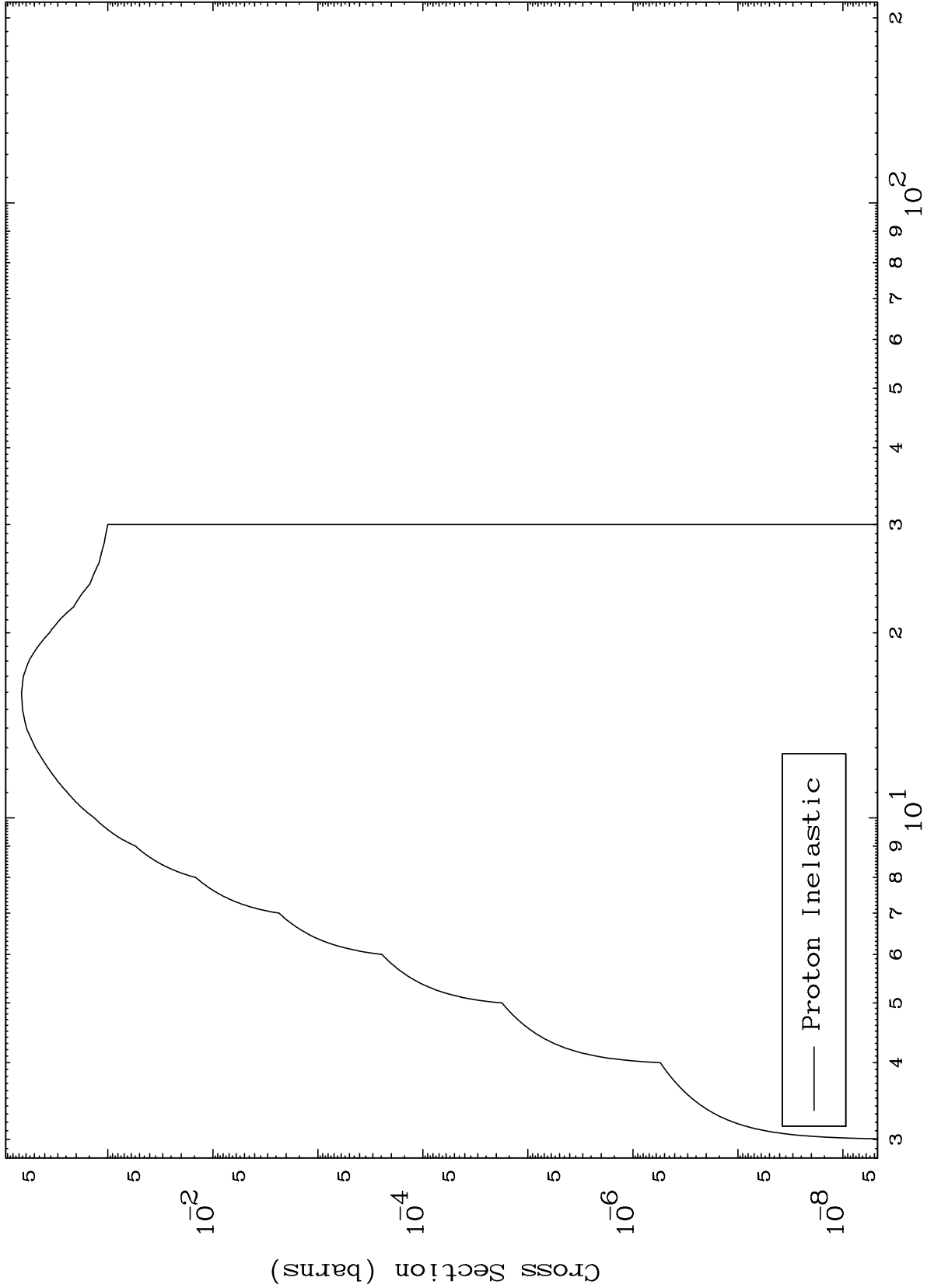




MAT 7898

79-Au-188

(p,n') Level
0 Kelvin Cross Sections



— Proton Inelastic

79-Au-188

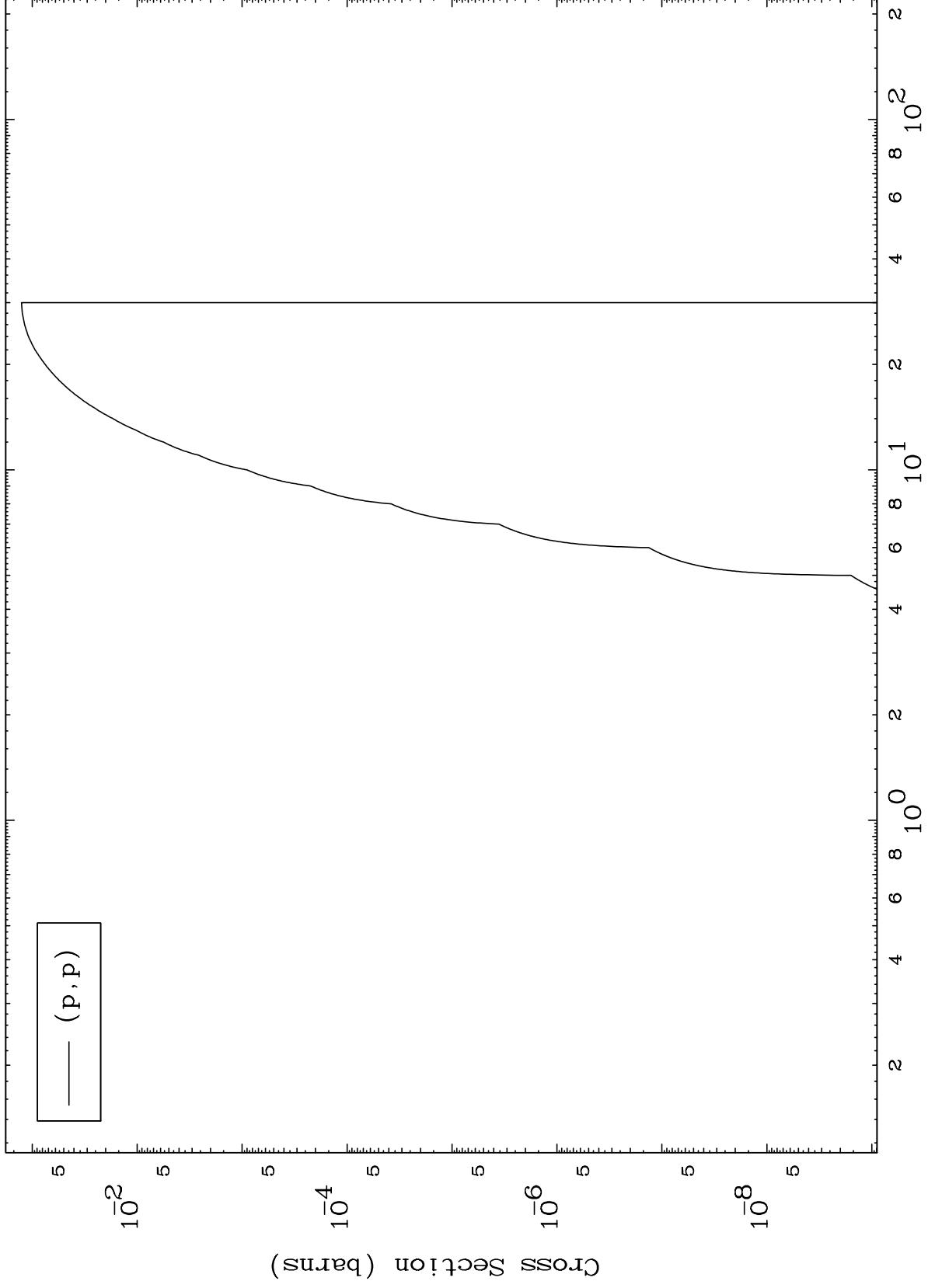
Incident Energy (MeV)

6

MAT 7898

(p,p) Levels
0 Kelvin Cross Sections

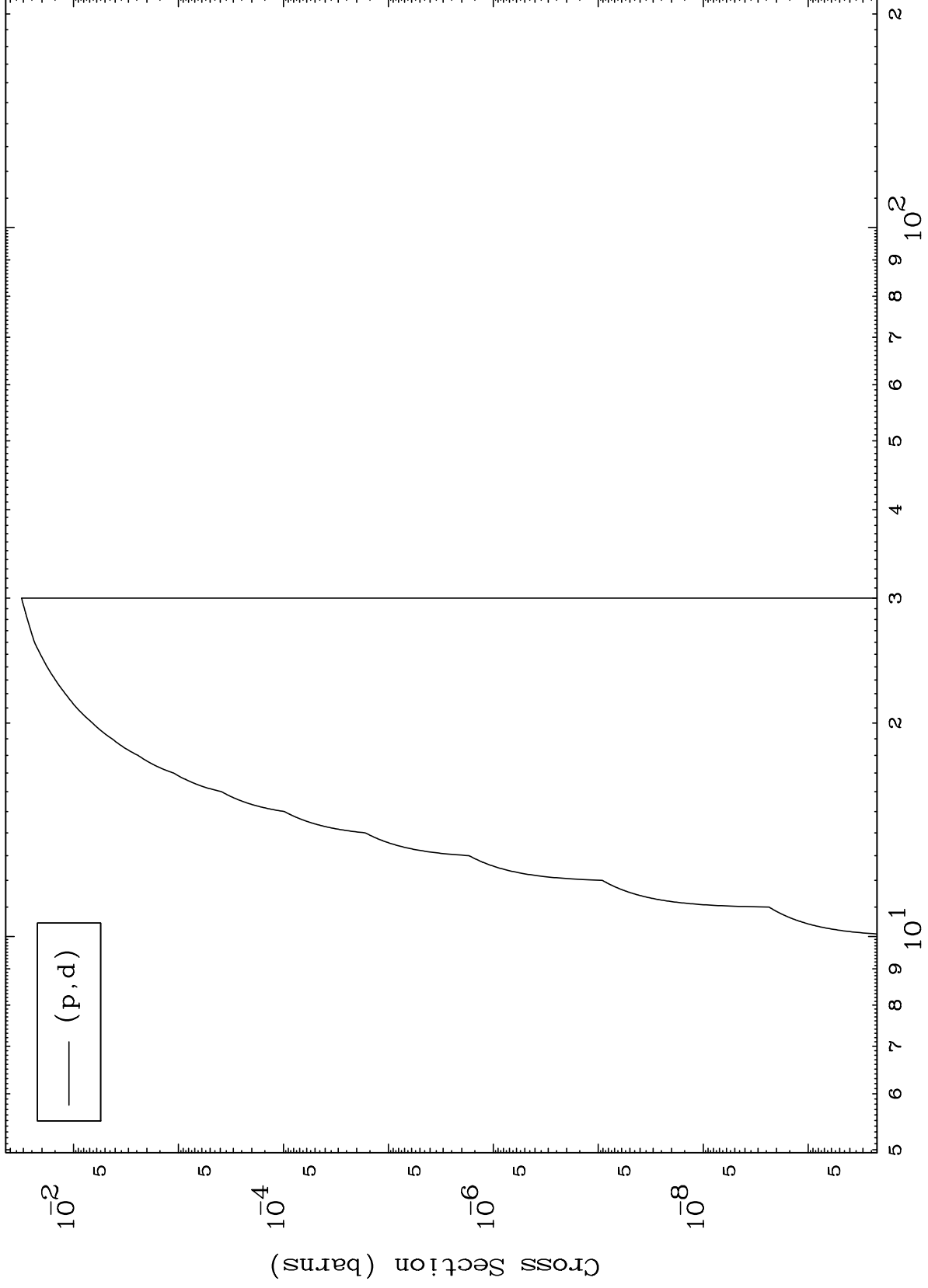
79-Au-188



MAT 7898

(p,d) Levels
0 Kelvin Cross Sections

79-Au-188



8

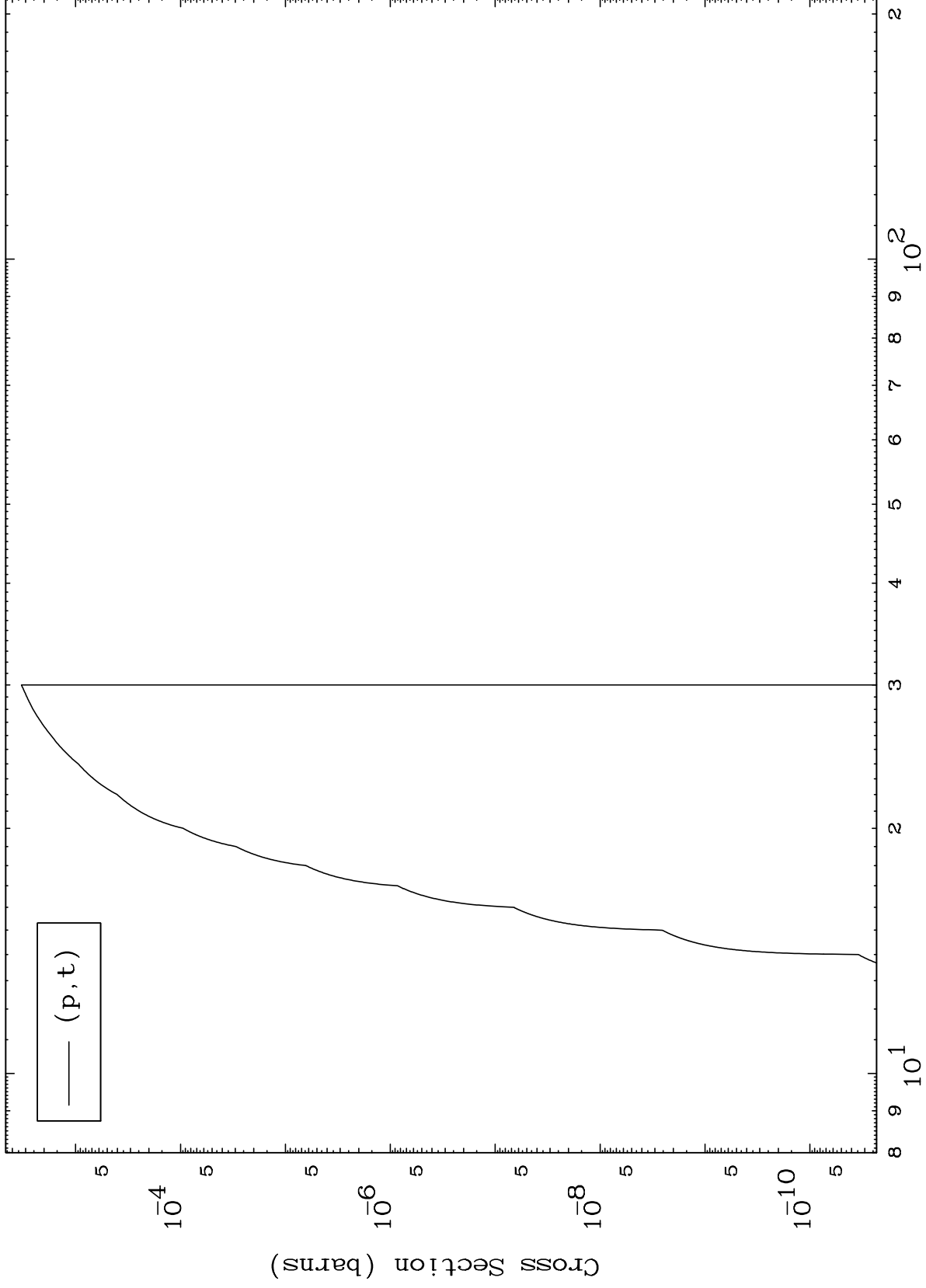
Incident Energy (MeV)

79-Au-188

MAT 7898

(p,t) Levels
0 Kelvin Cross Sections

79-Au-188



9

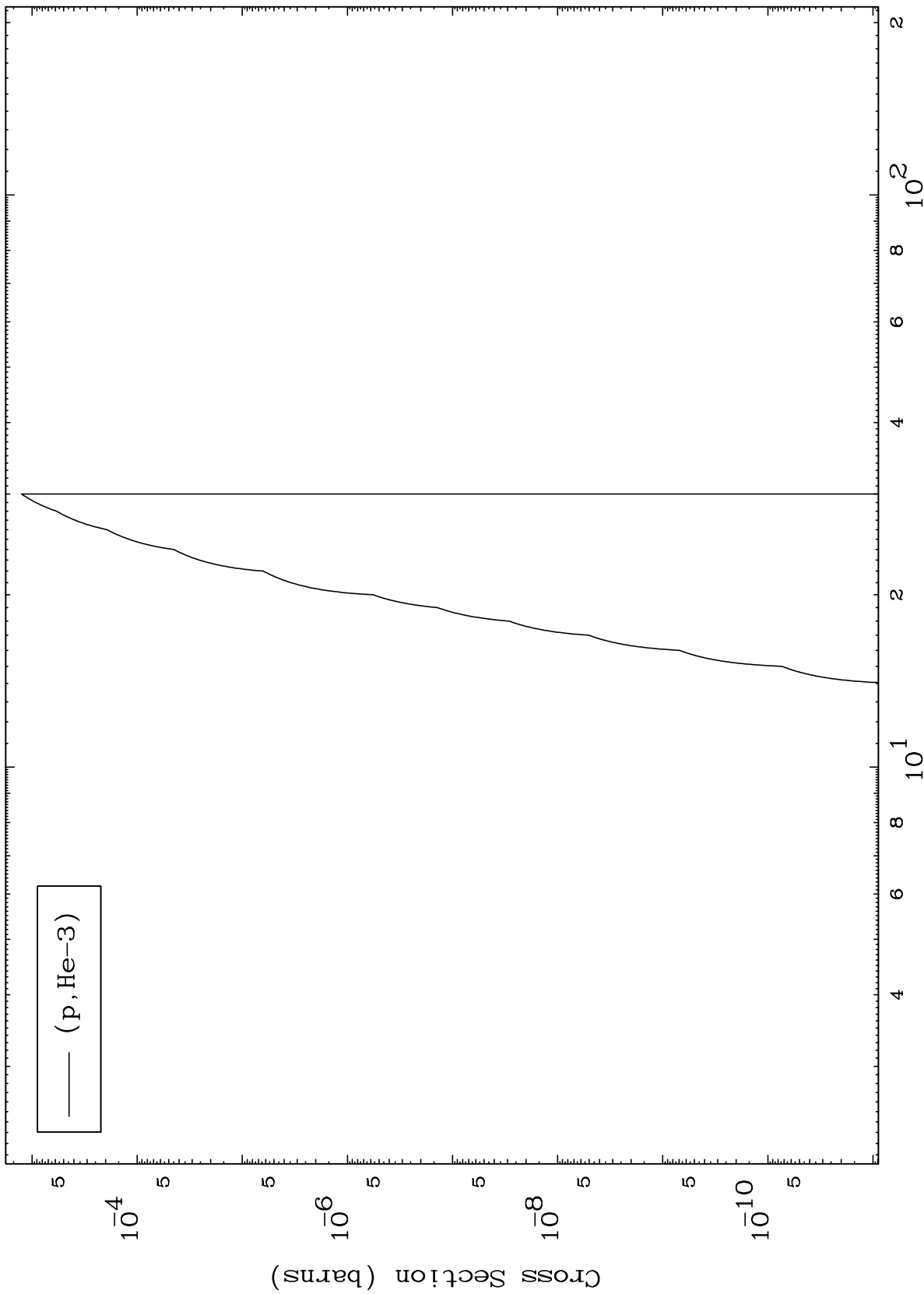
Incident Energy (MeV)

79-Au-188

MAT 7898

79-Au-188

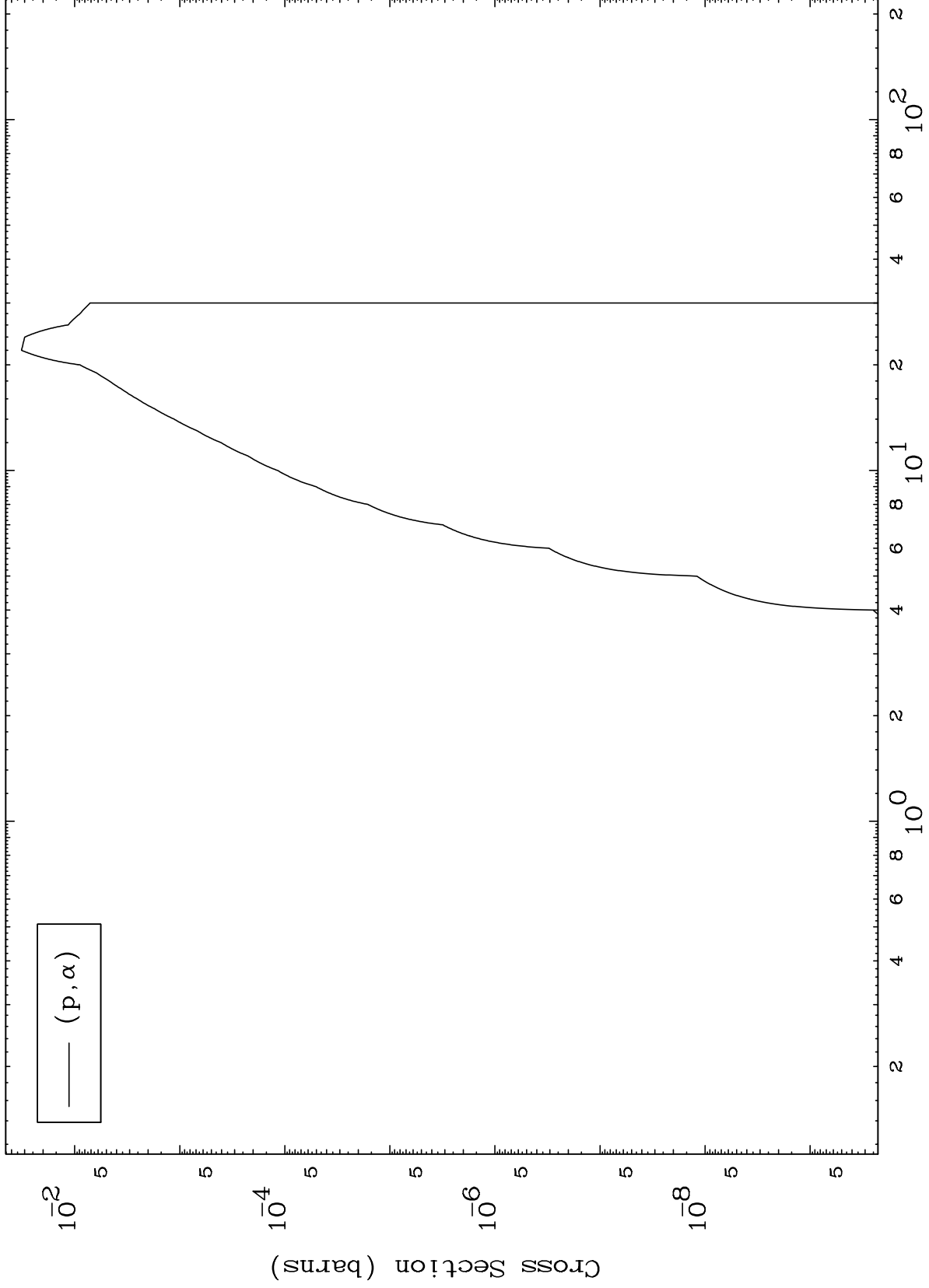
(p,He3) Levels
0 Kelvin Cross Sections



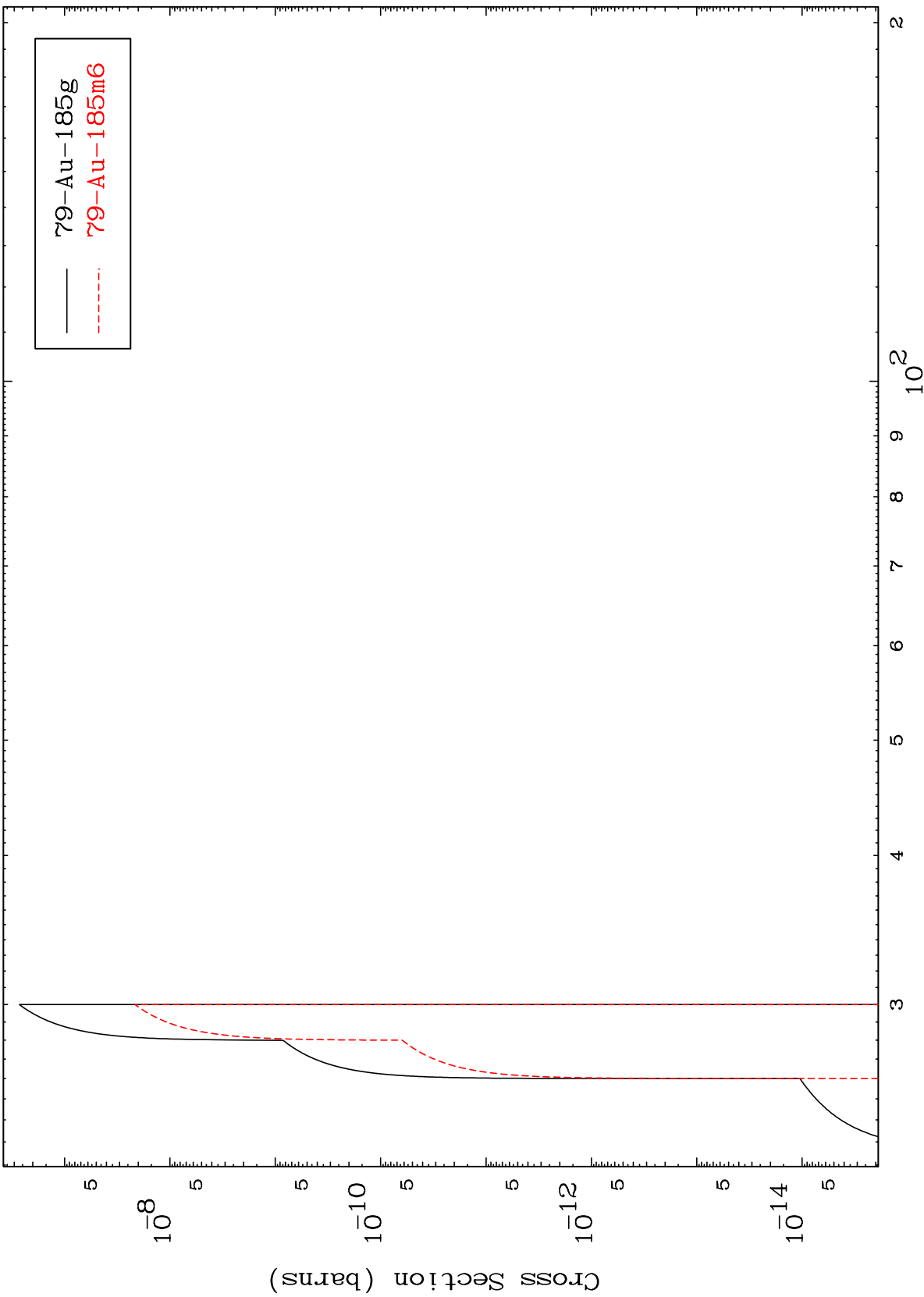
79-Au-188

Incident Energy (MeV)

10

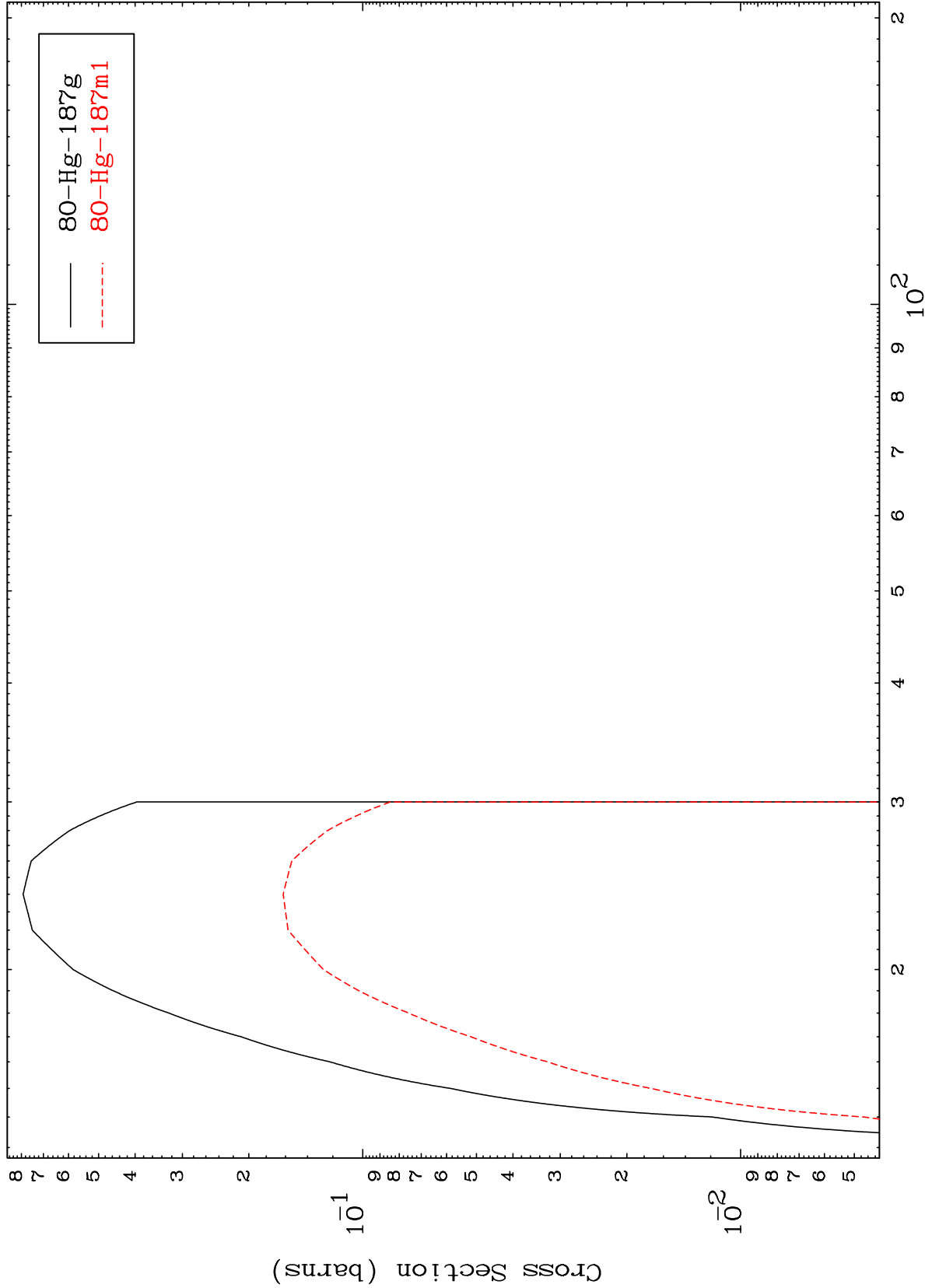


Radionuclide Production Cross Section



79-Au-185g
79-Au-185m6

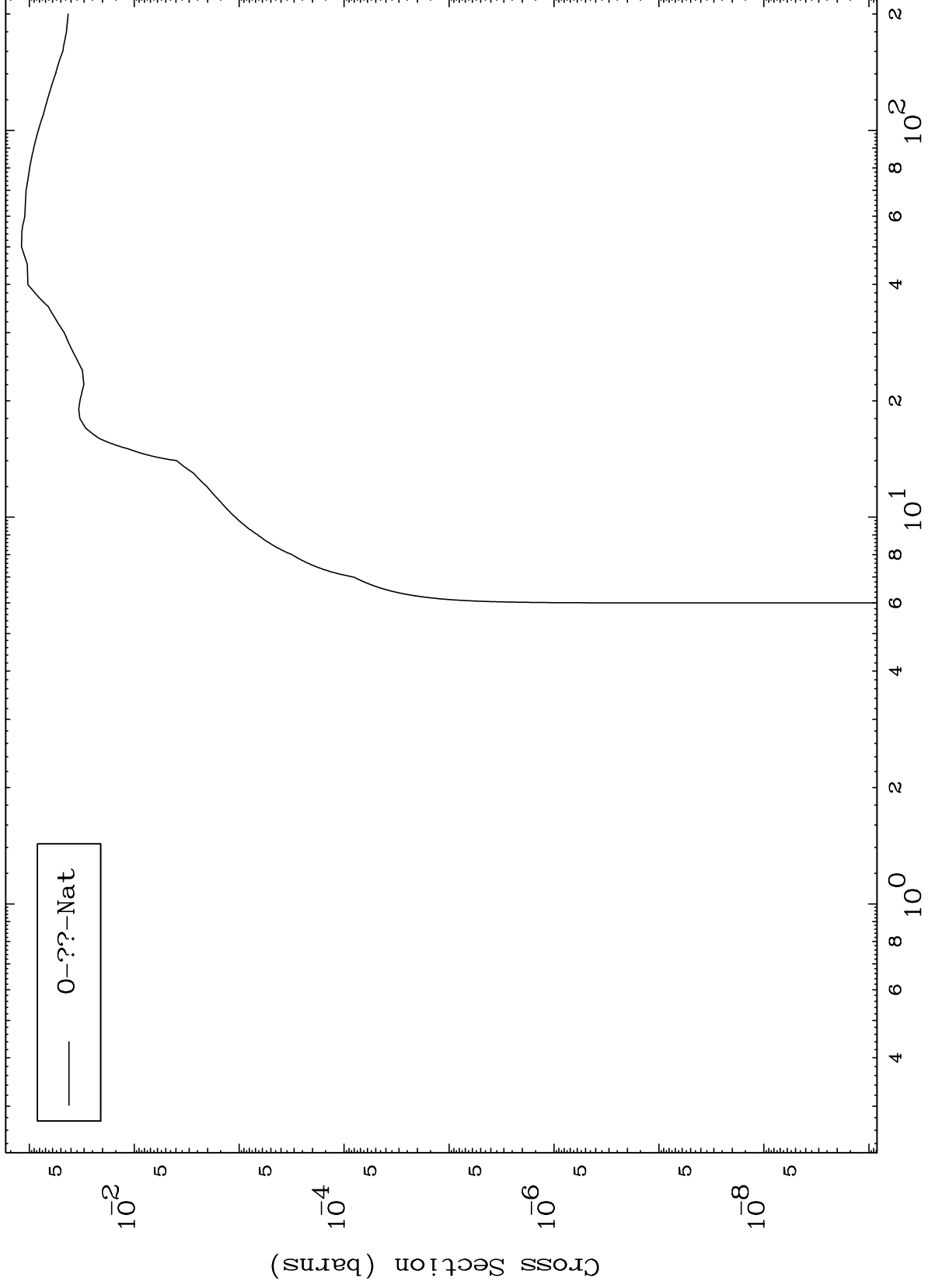
Radionuclide Production Cross Section



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79-Au-188

Proton Fission
Radionuclide Production Cross Section



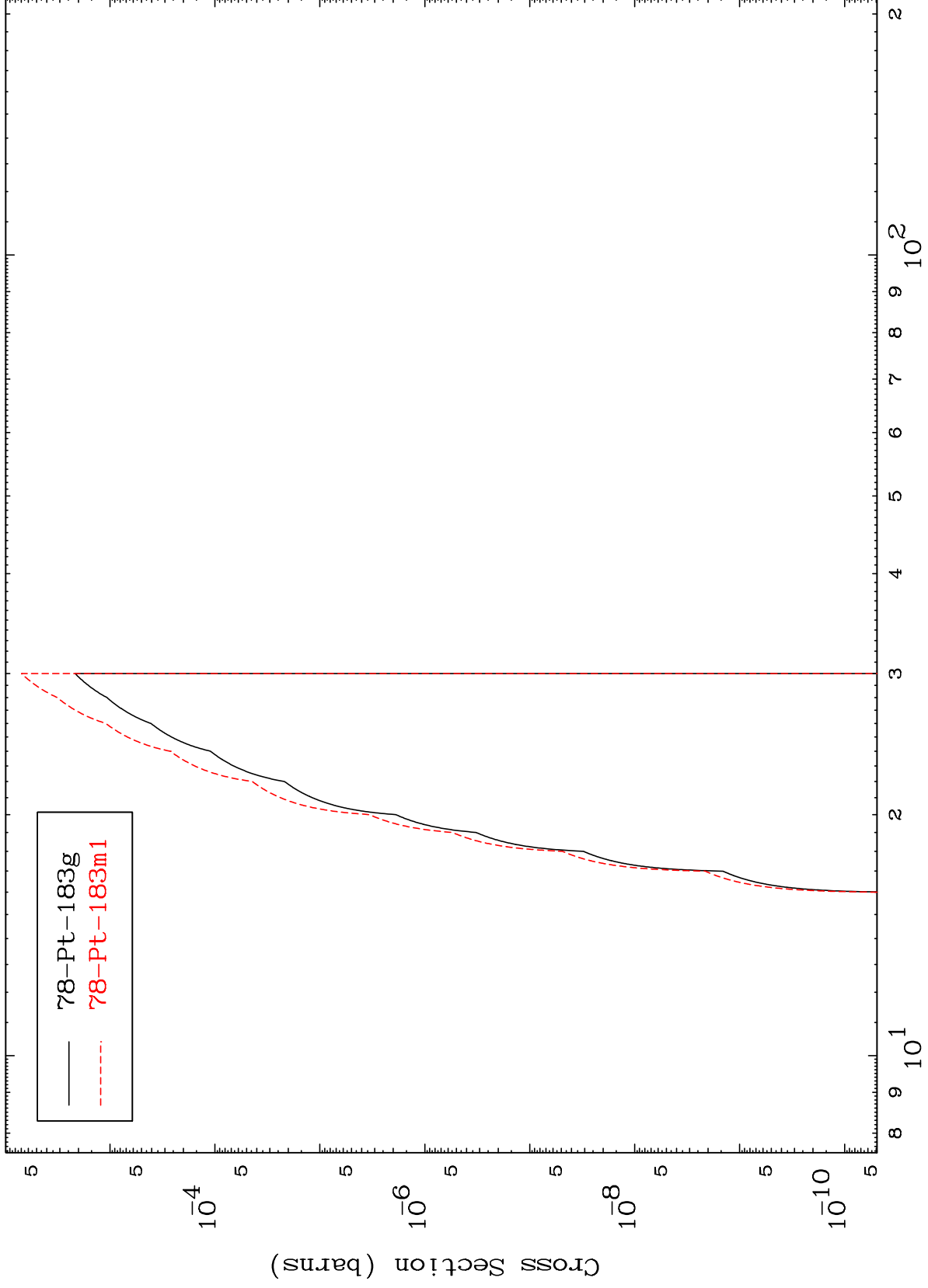
0-??-Nat

MAT 7898

(p,2n) α

79-Au-188

Radionuclide Production Cross Section



15

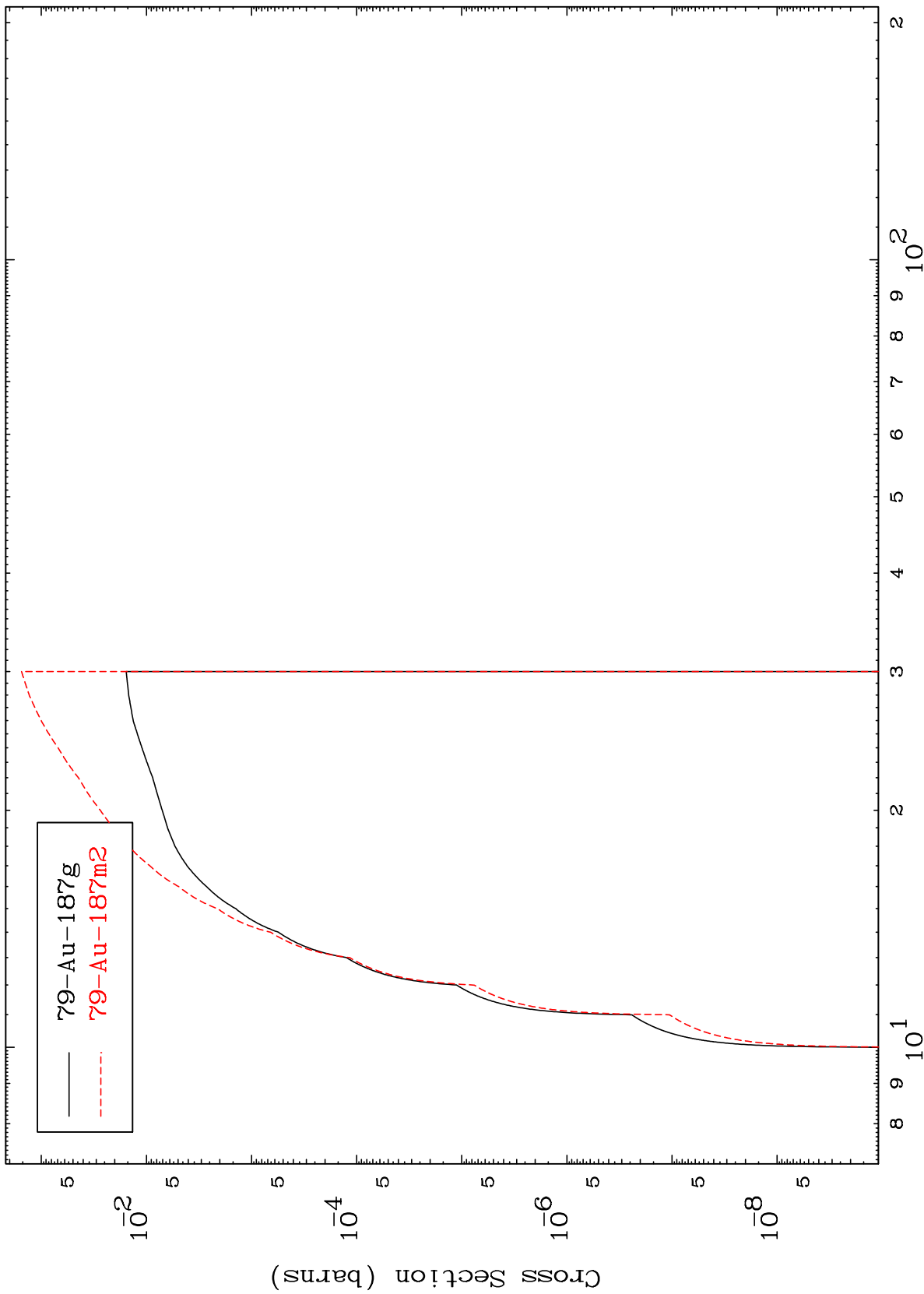
Incident Energy (MeV)

79-Au-188

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⁷⁹Au-188

(p,n') p
Radionuclide Production Cross Section



79-Au-187g
79-Au-187m2

⁷⁹Au-188

Incident Energy (MeV)

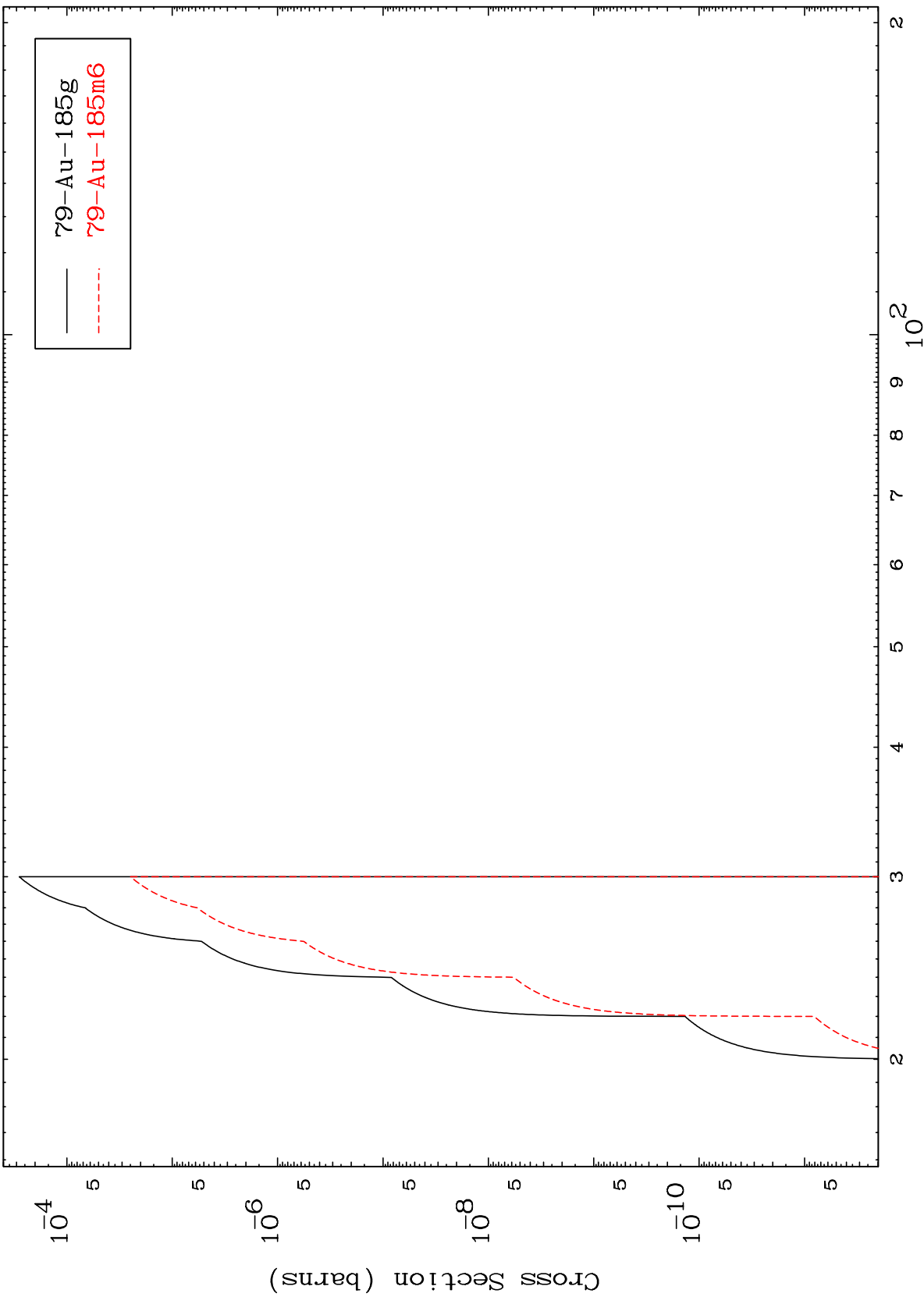
16

MAT 7898

(p,n') t

79-Au-188

Radionuclide Production Cross Section



17

Incident Energy (MeV)

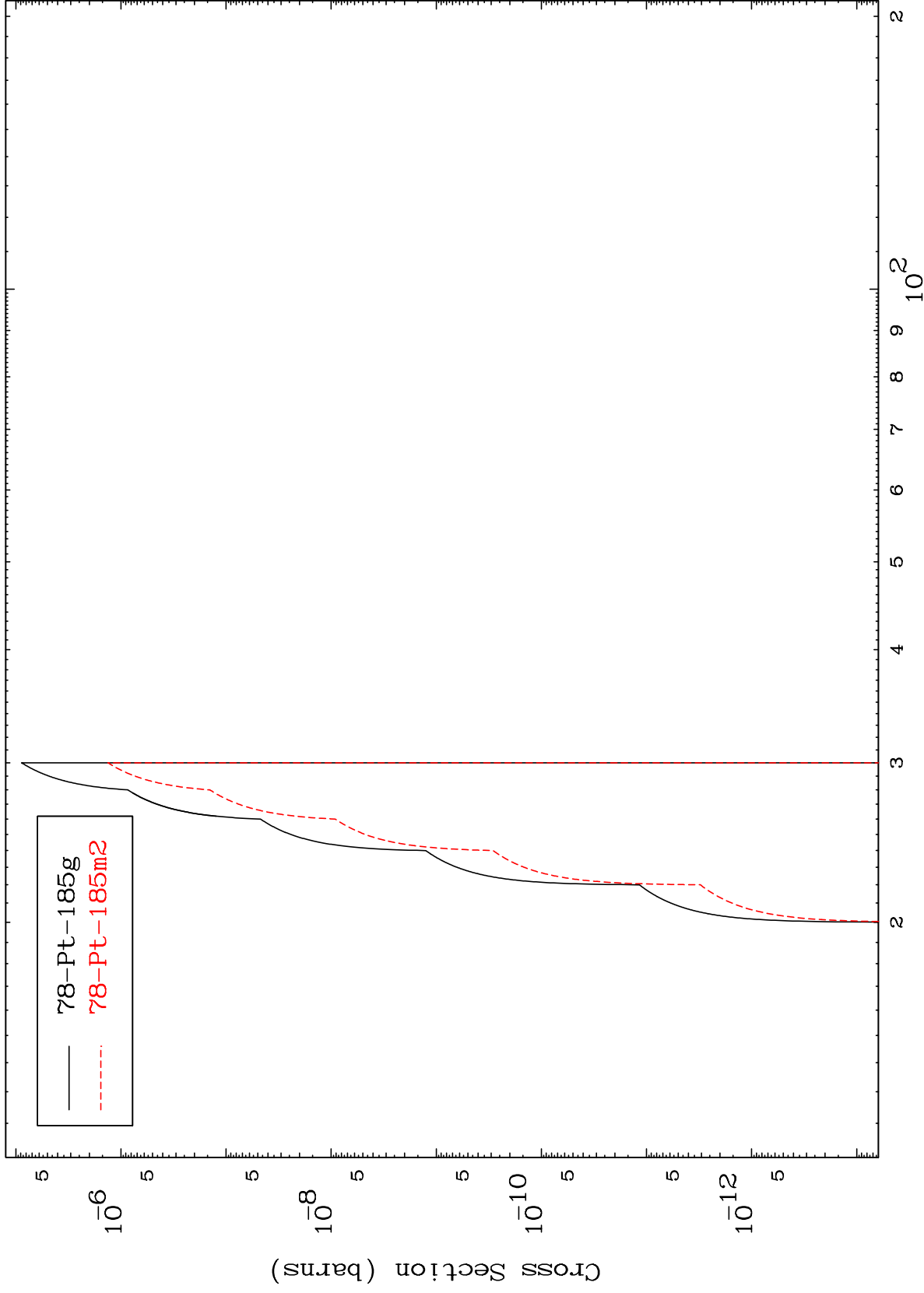
79-Au-188

MAT 7898

(p,n') He-3

79-Au-188

Radionuclide Production Cross Section



18

Incident Energy (MeV)

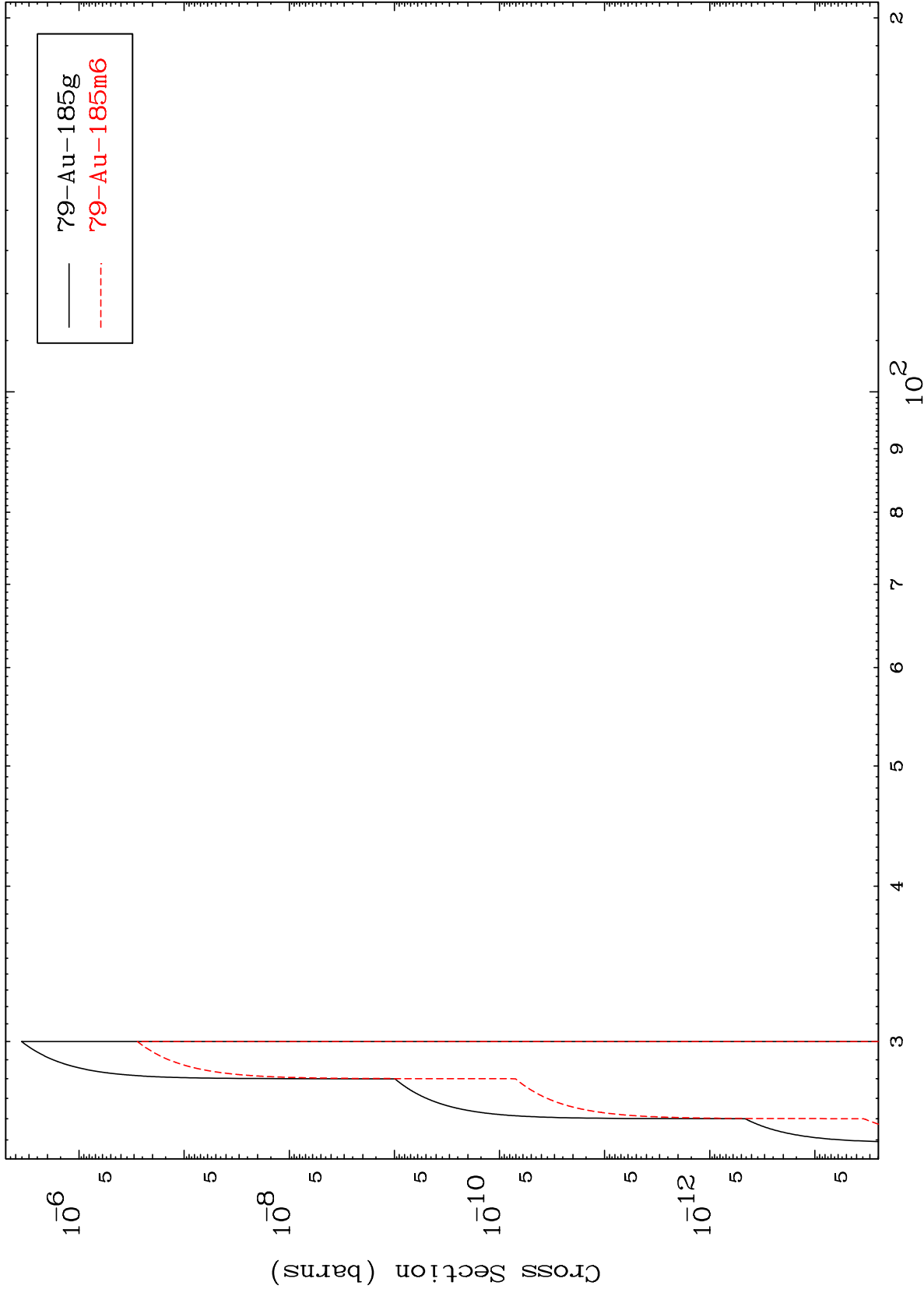
79-Au-188

MAT 7898

⁷⁹Au-188

(p,3n) p

Radionuclide Production Cross Section



⁷⁹Au-188

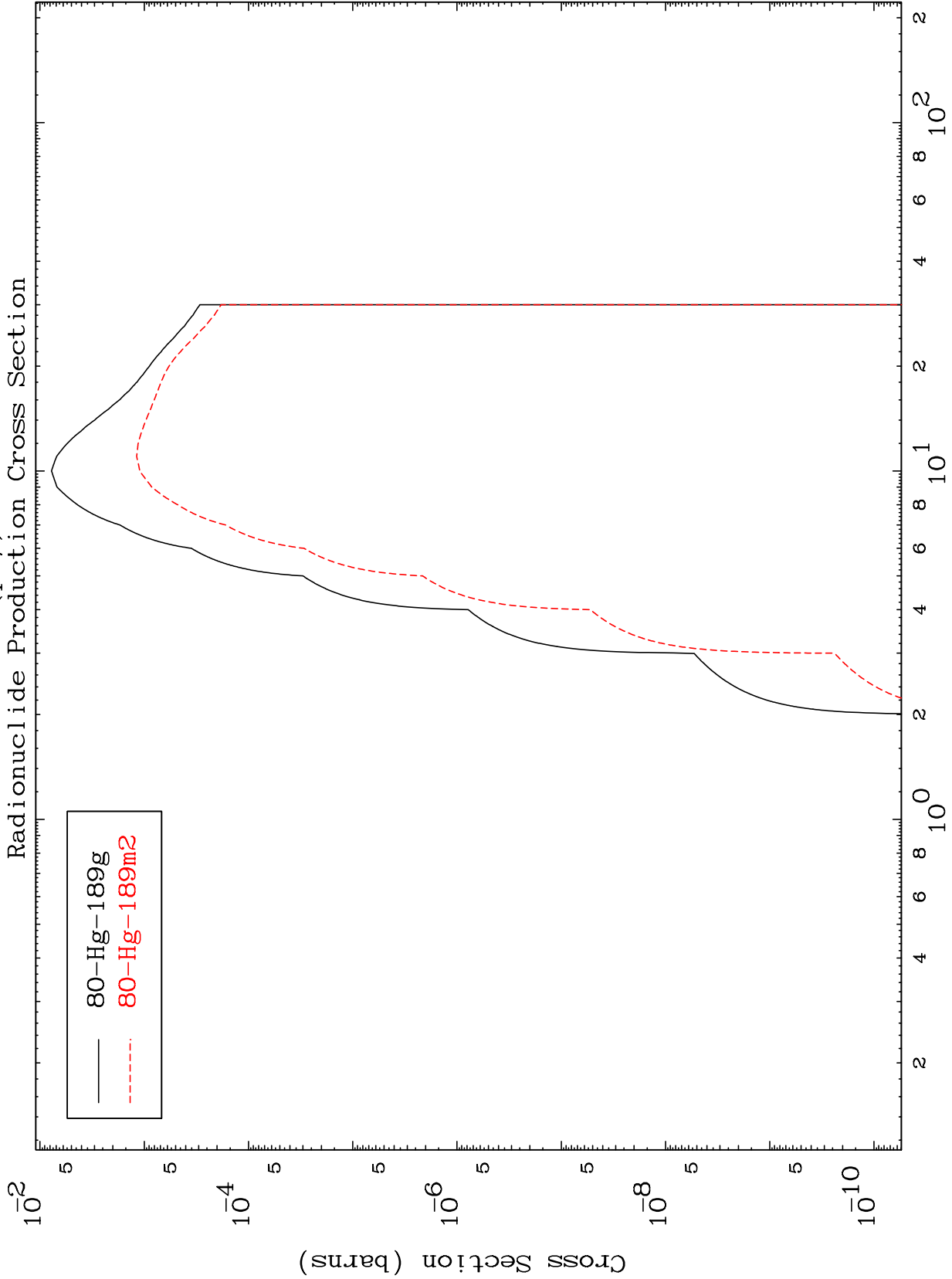
Incident Energy (MeV)

19

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79-Au-188

(p, γ)
Radionuclide Production Cross Section



— 80-Hg-189g
- - - 80-Hg-189m2

20

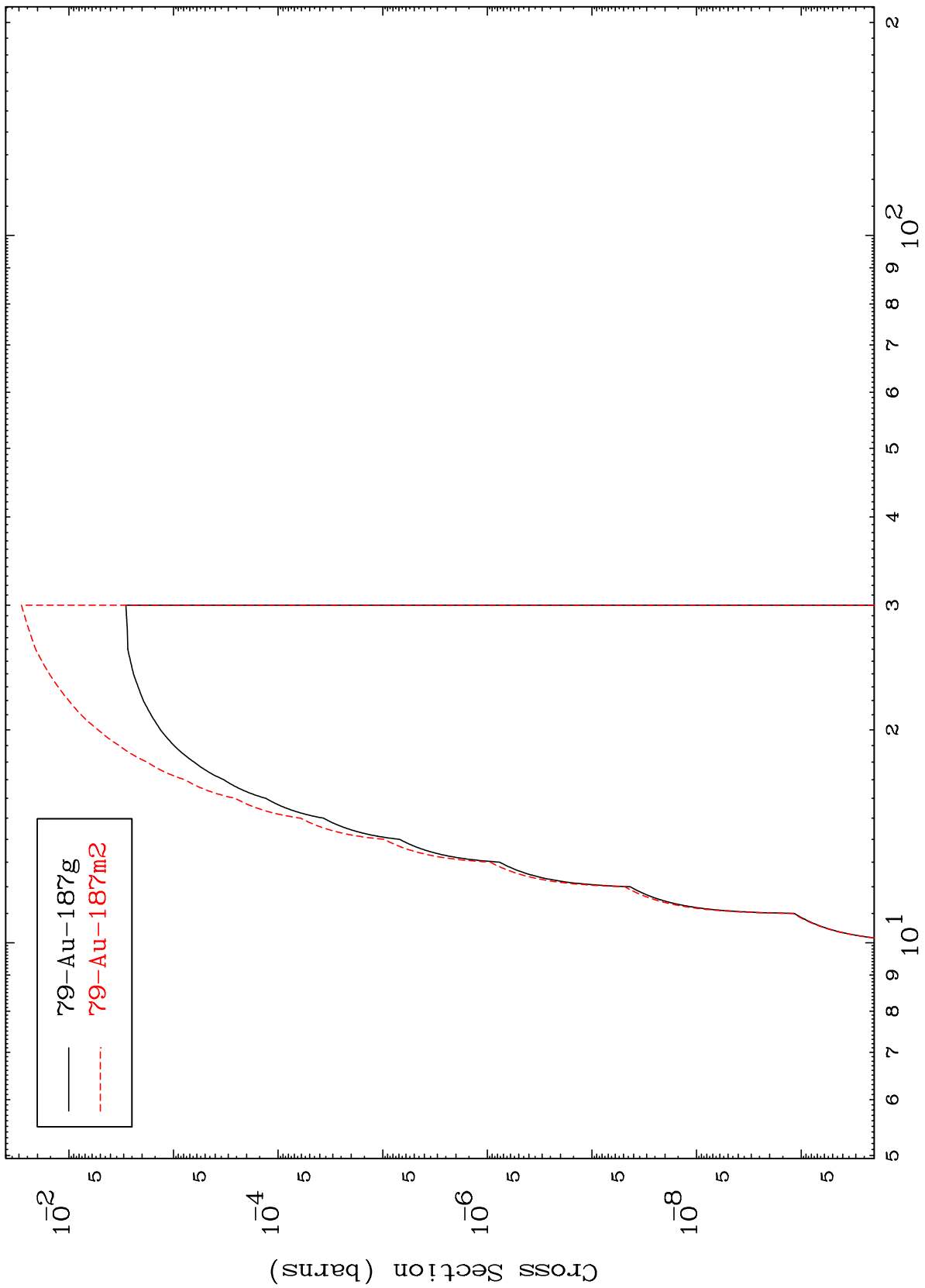
Incident Energy (MeV)

79-Au-188

MAT 7898

79-Au-188

(p,d)
Radionuclide Production Cross Section



21

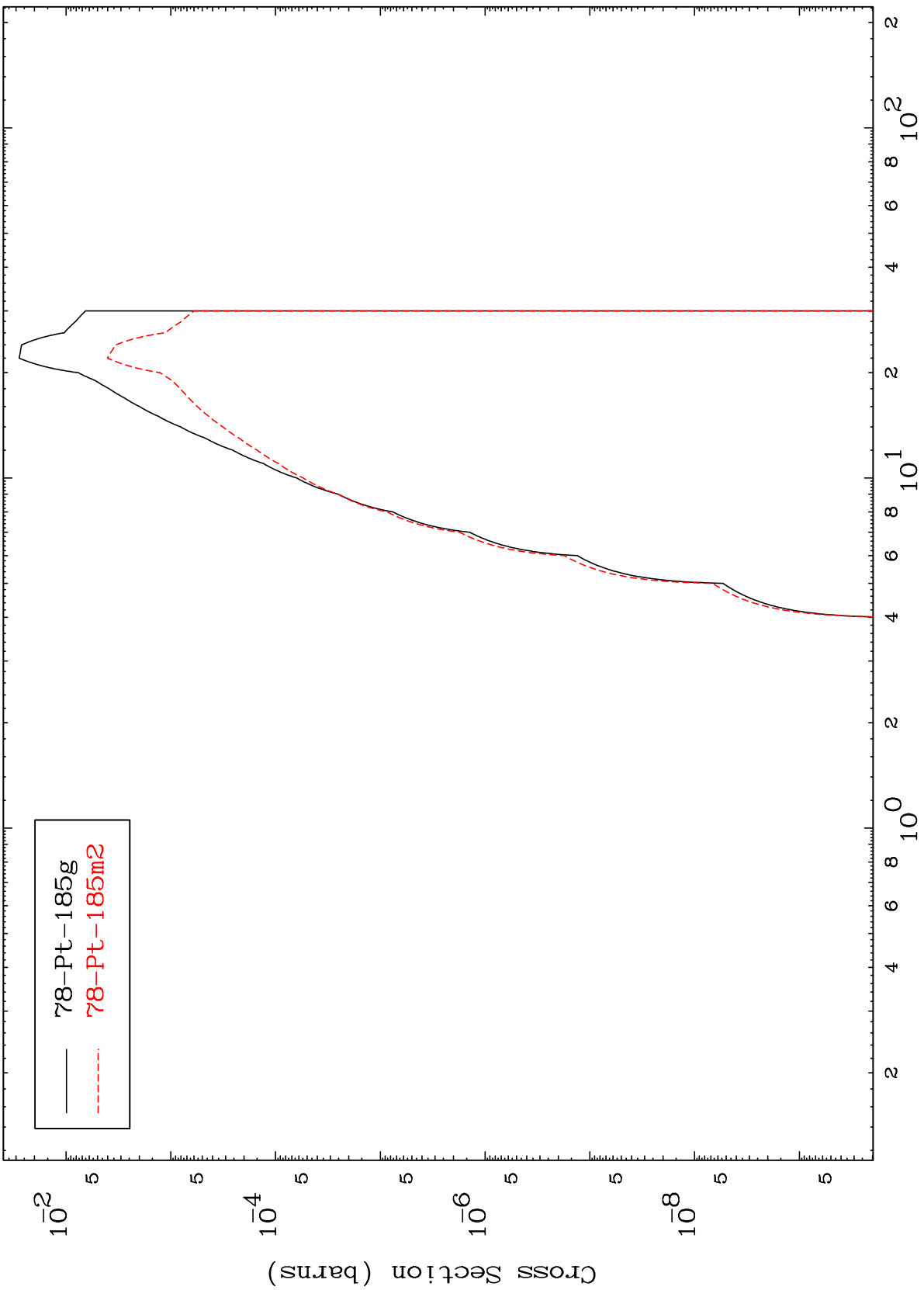
79-Au-188

Incident Energy (MeV)

MAT 7898

79-Au-188

Radionuclide Production Cross Section
(p, α)



79-Au-188

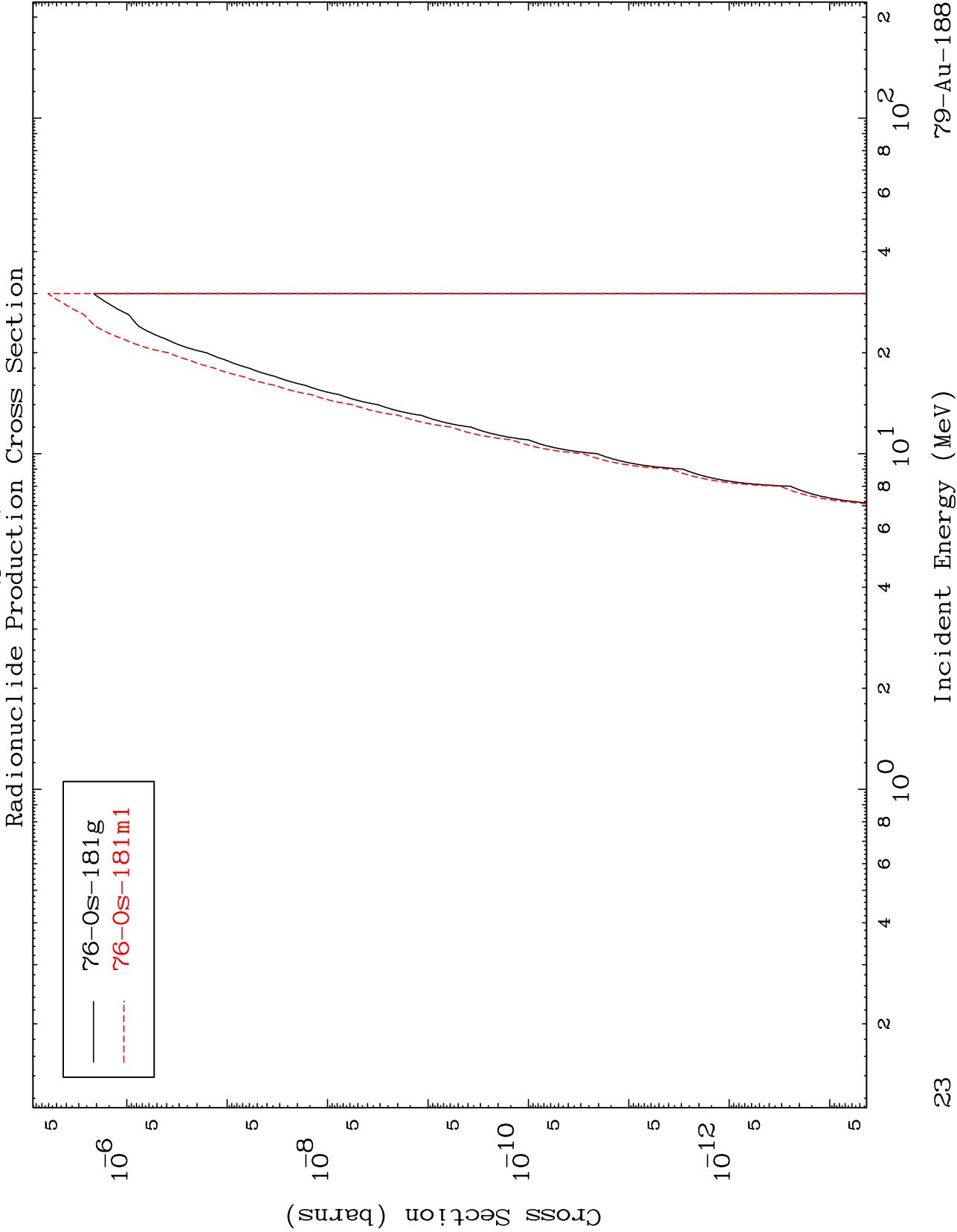
Incident Energy (MeV)

22

MAT 7898

(p,2 α)

79-Au-188

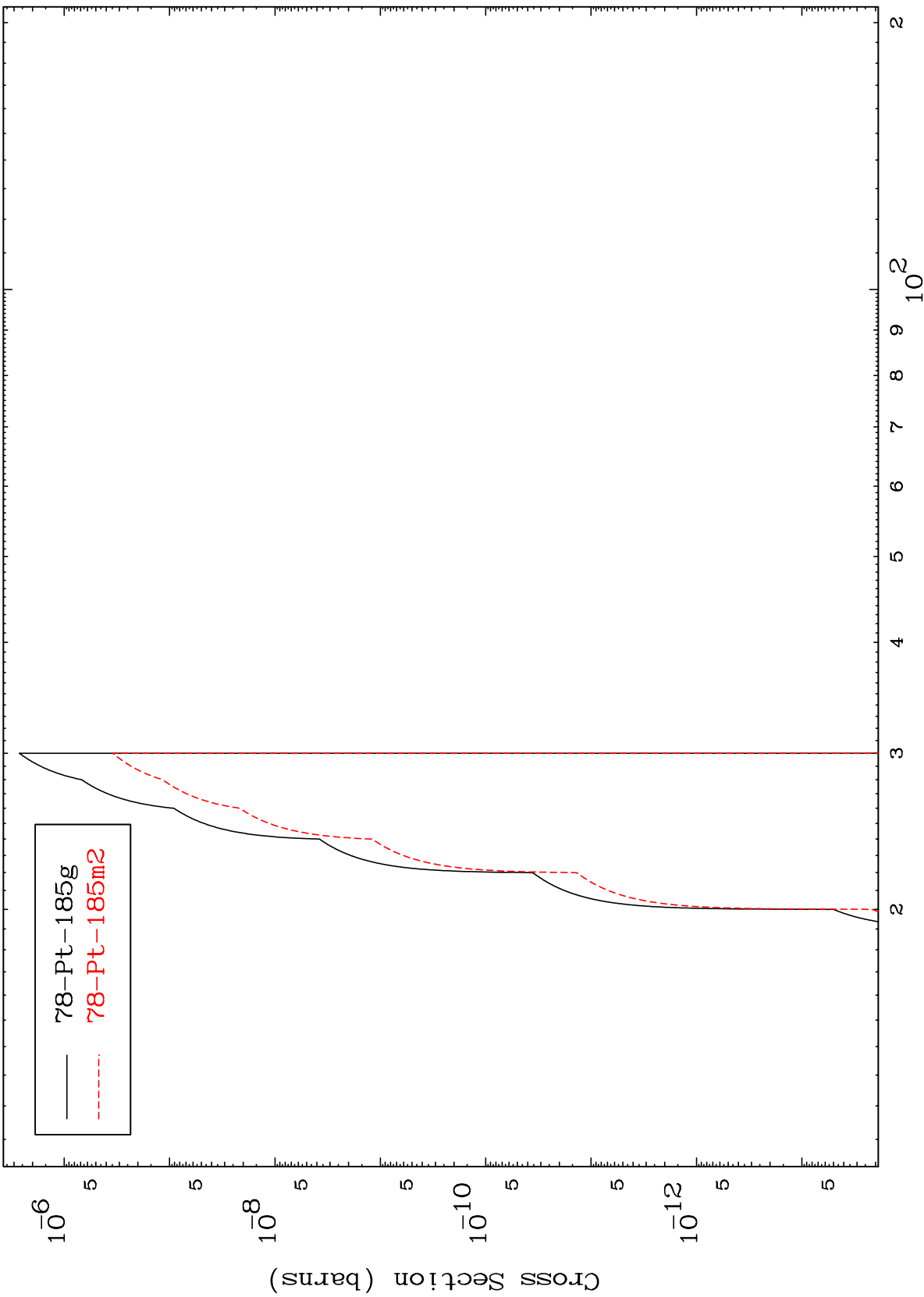


MAT 7898

(p,p) t

79-Au-188

Radionuclide Production Cross Section



24

Incident Energy (MeV)

79-Au-188