

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

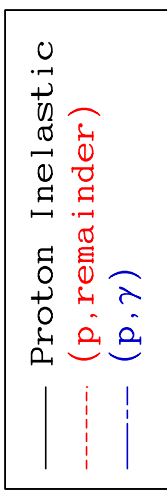
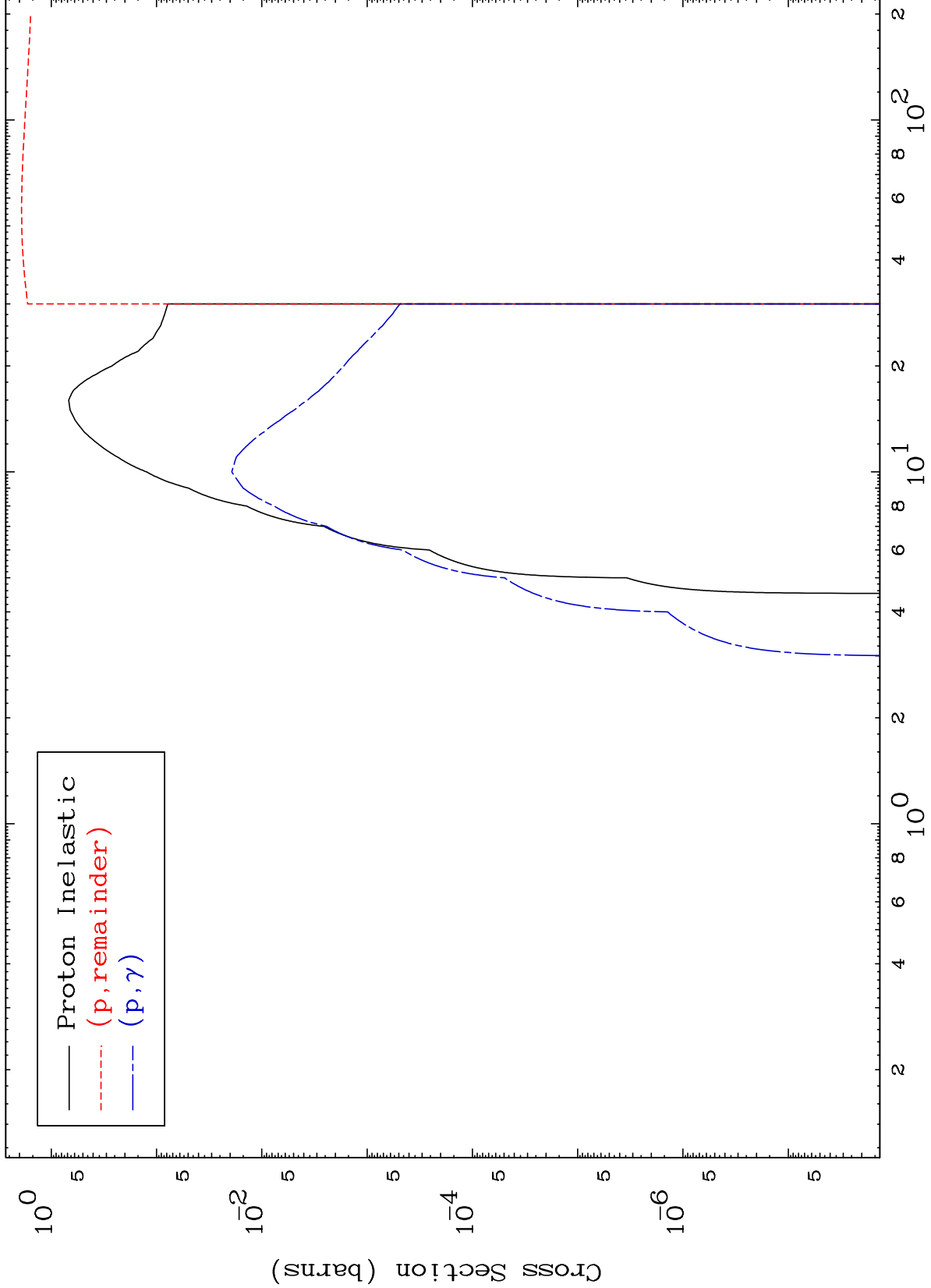
Tele: 925-443-1911

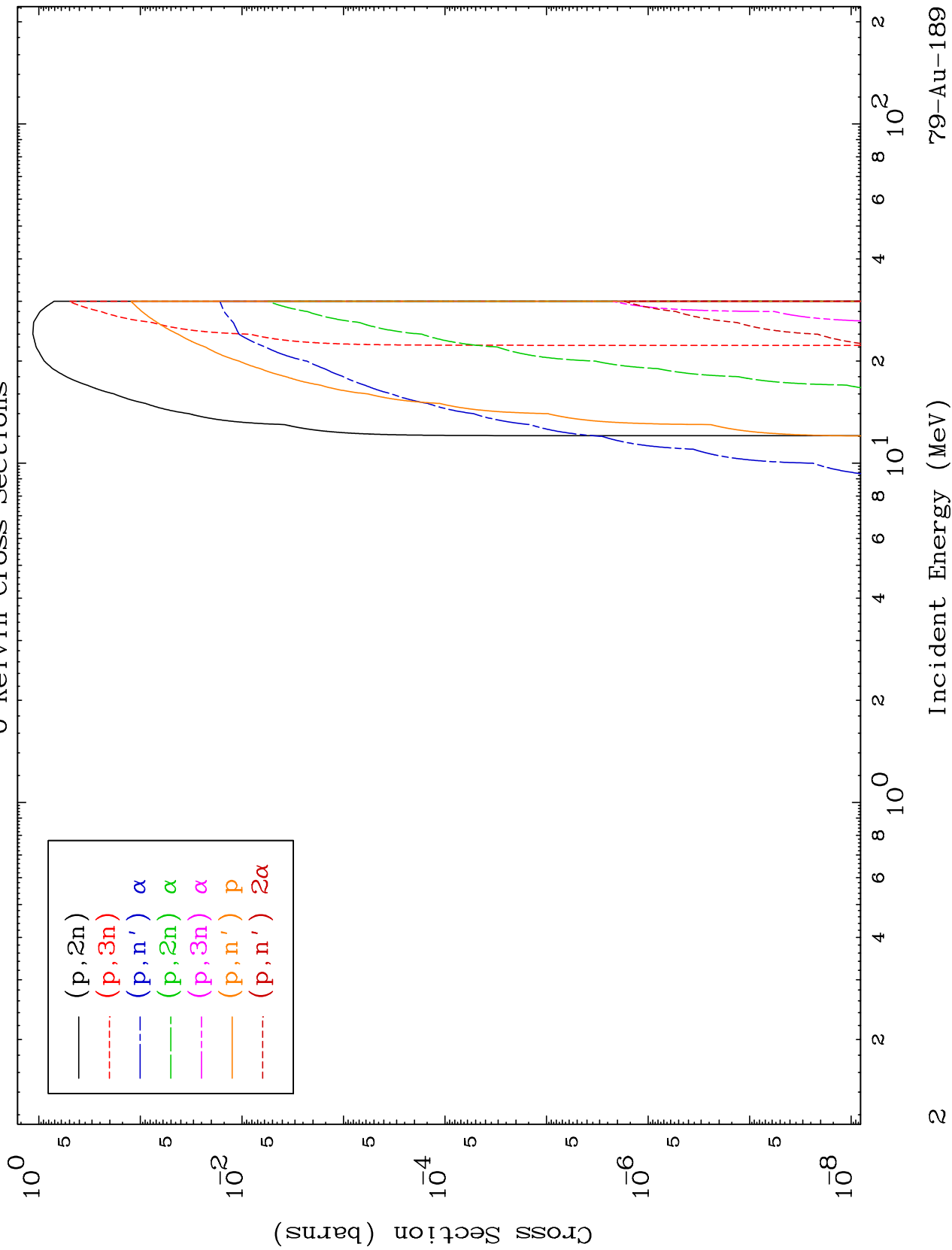
E.Mail:redcullen1@comcast.net

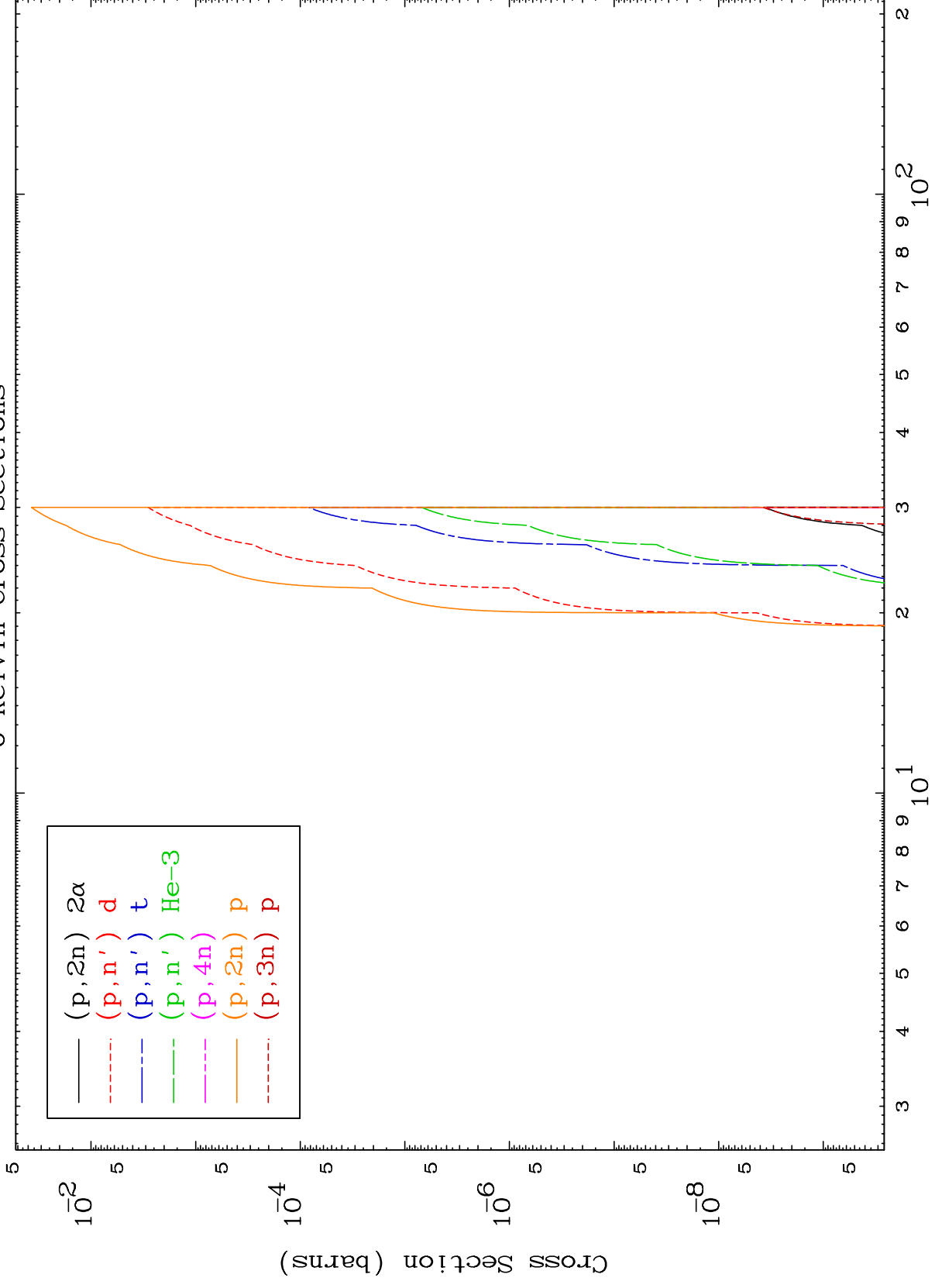
Web:redcullen1.net/HOMEPAGE.NEW

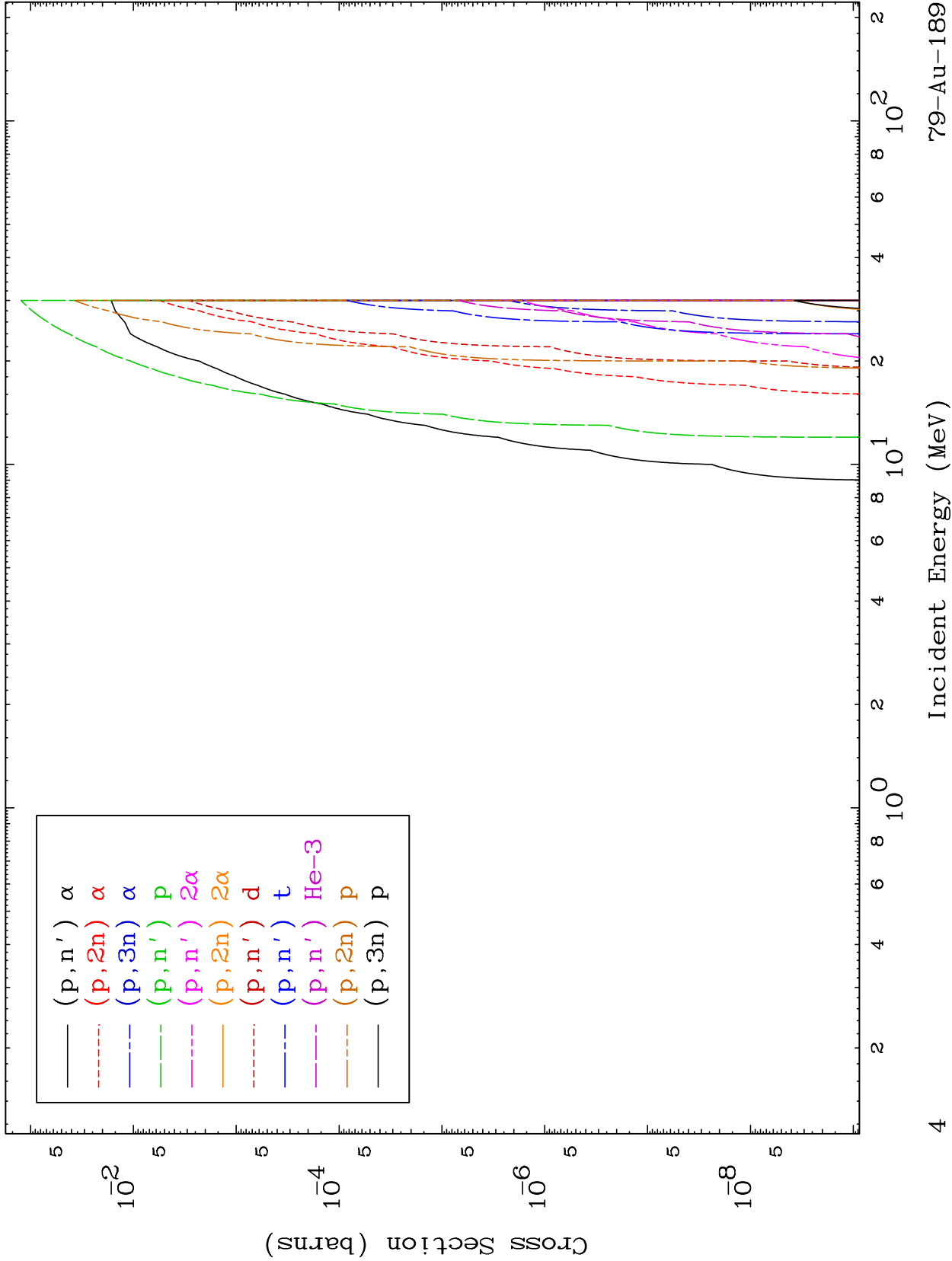
Press Mouse Button to Start

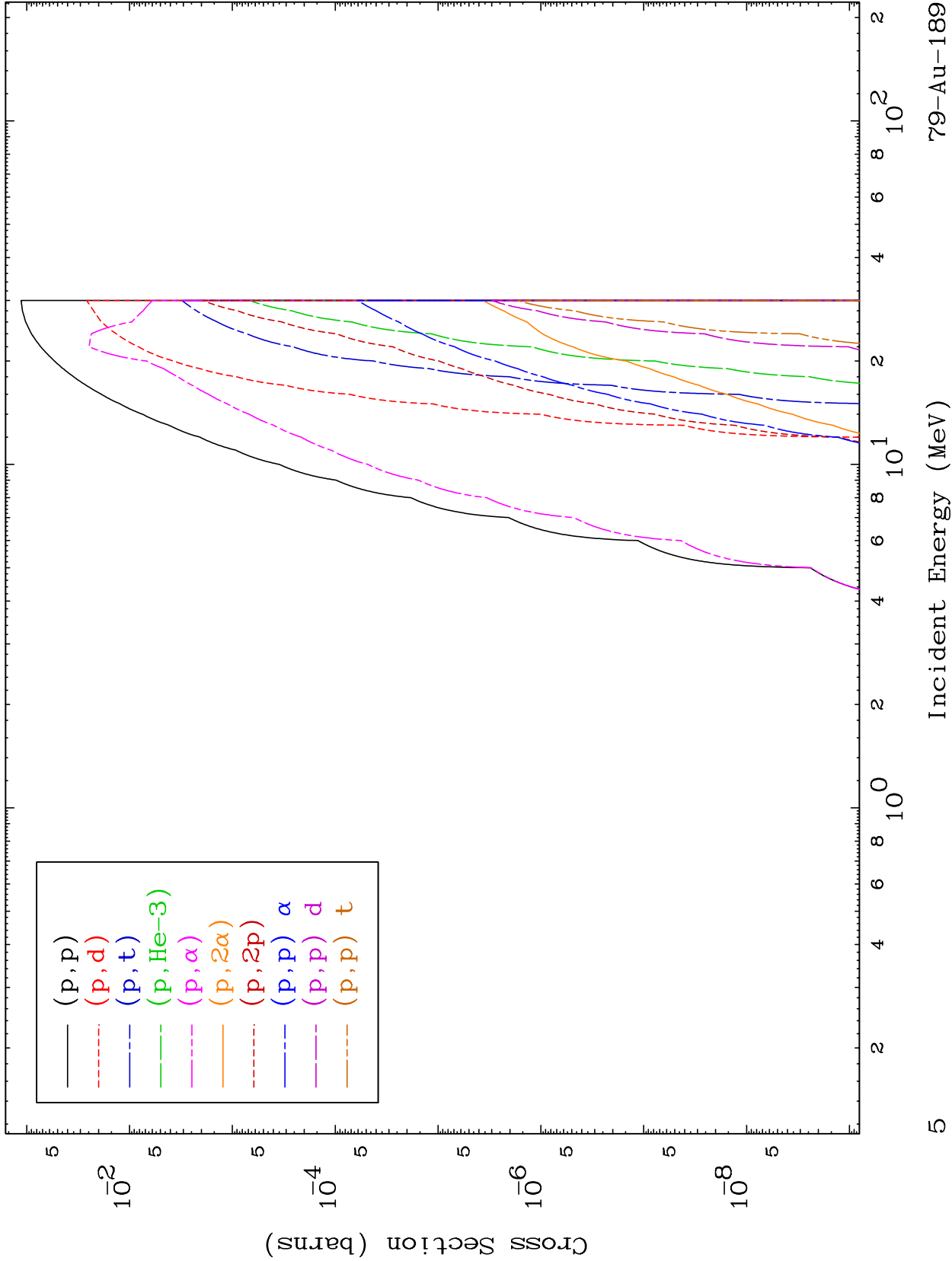
0 Kelvin Cross Sections









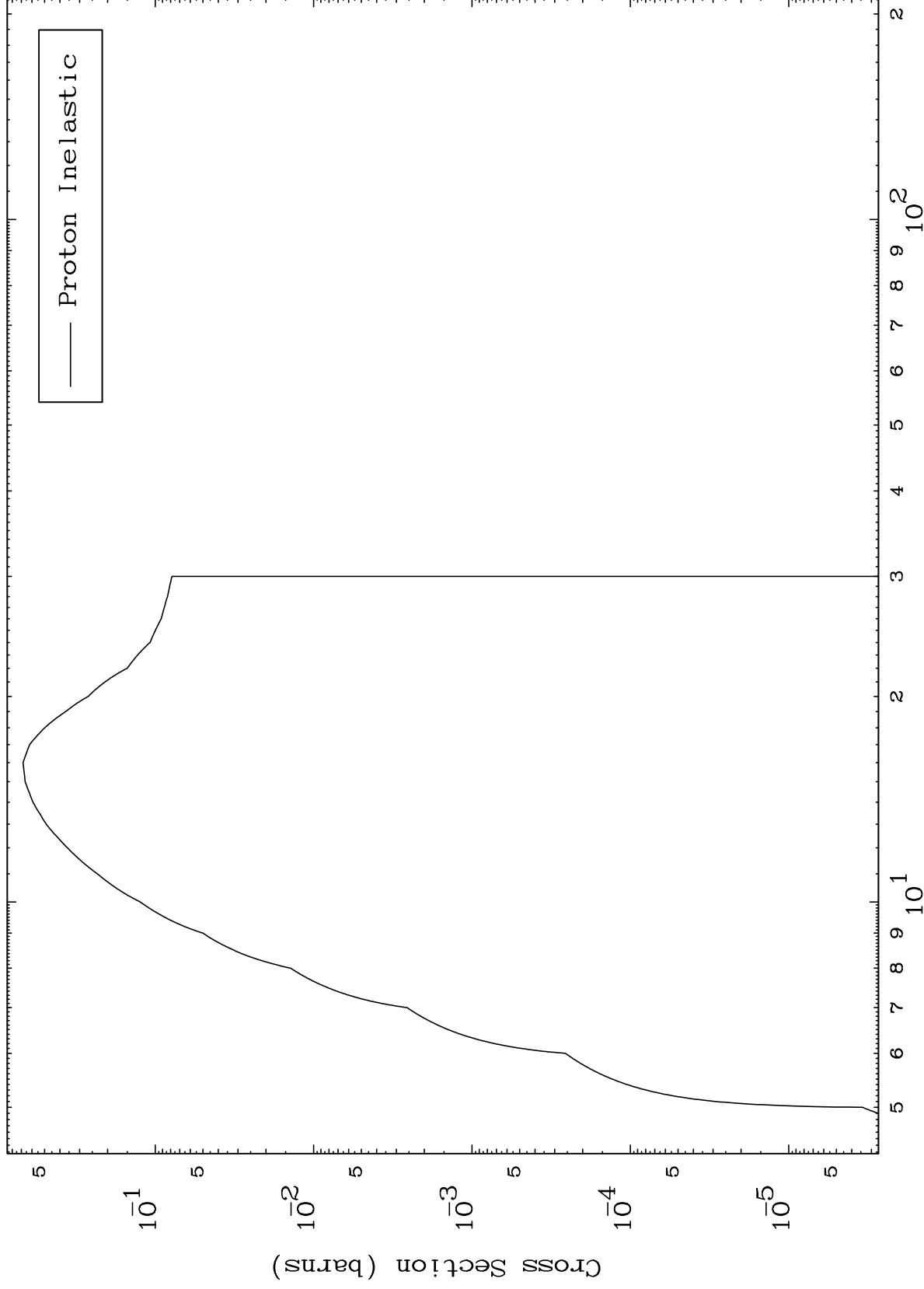


MAT 7902

(p,n') Level

79-Au-189

0 Kelvin Cross Sections



Incident Energy (MeV)

79-Au-189

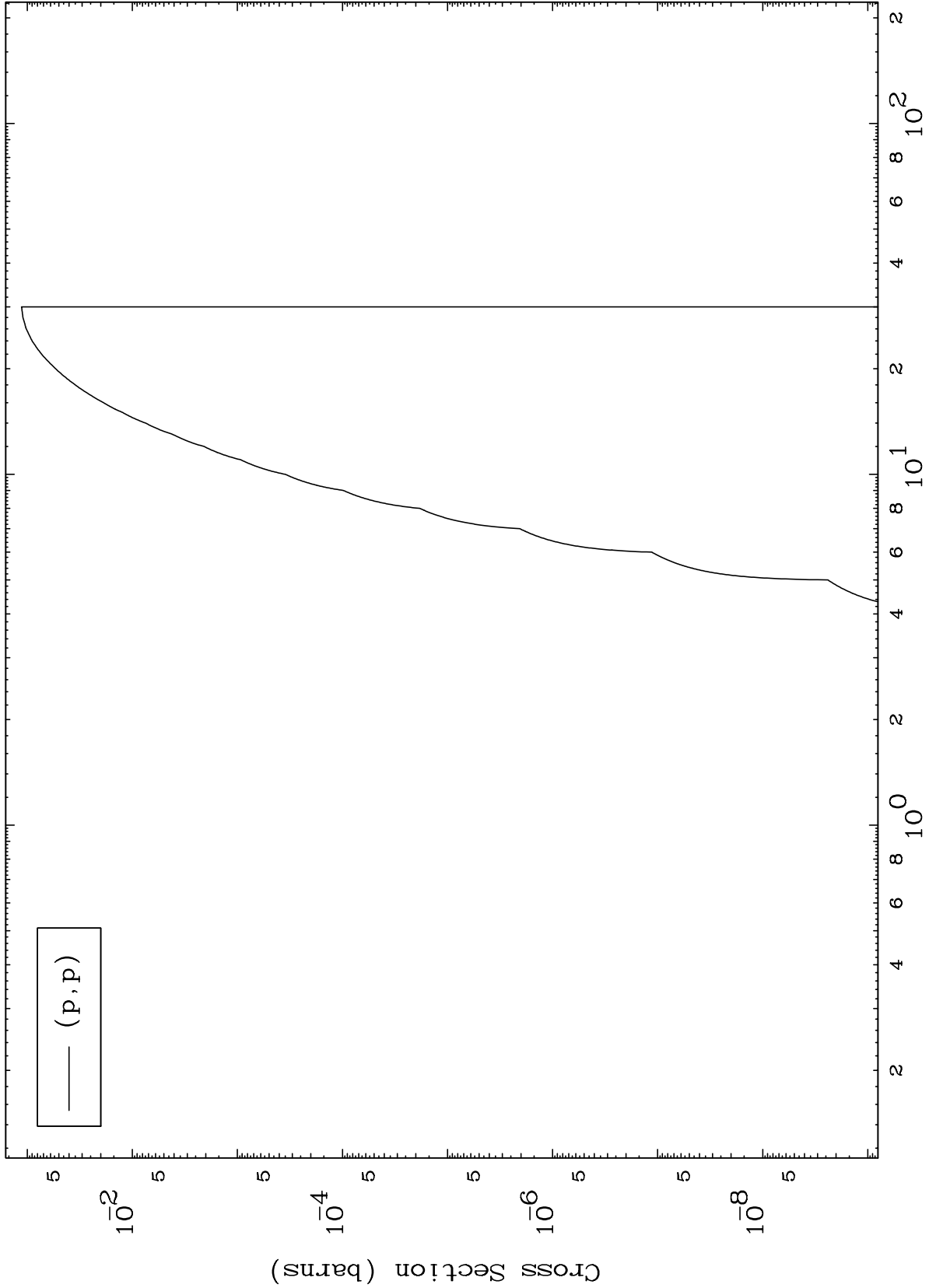
6

MAT 7902

(p,p) Levels

79-Au-189

0 Kelvin Cross Sections

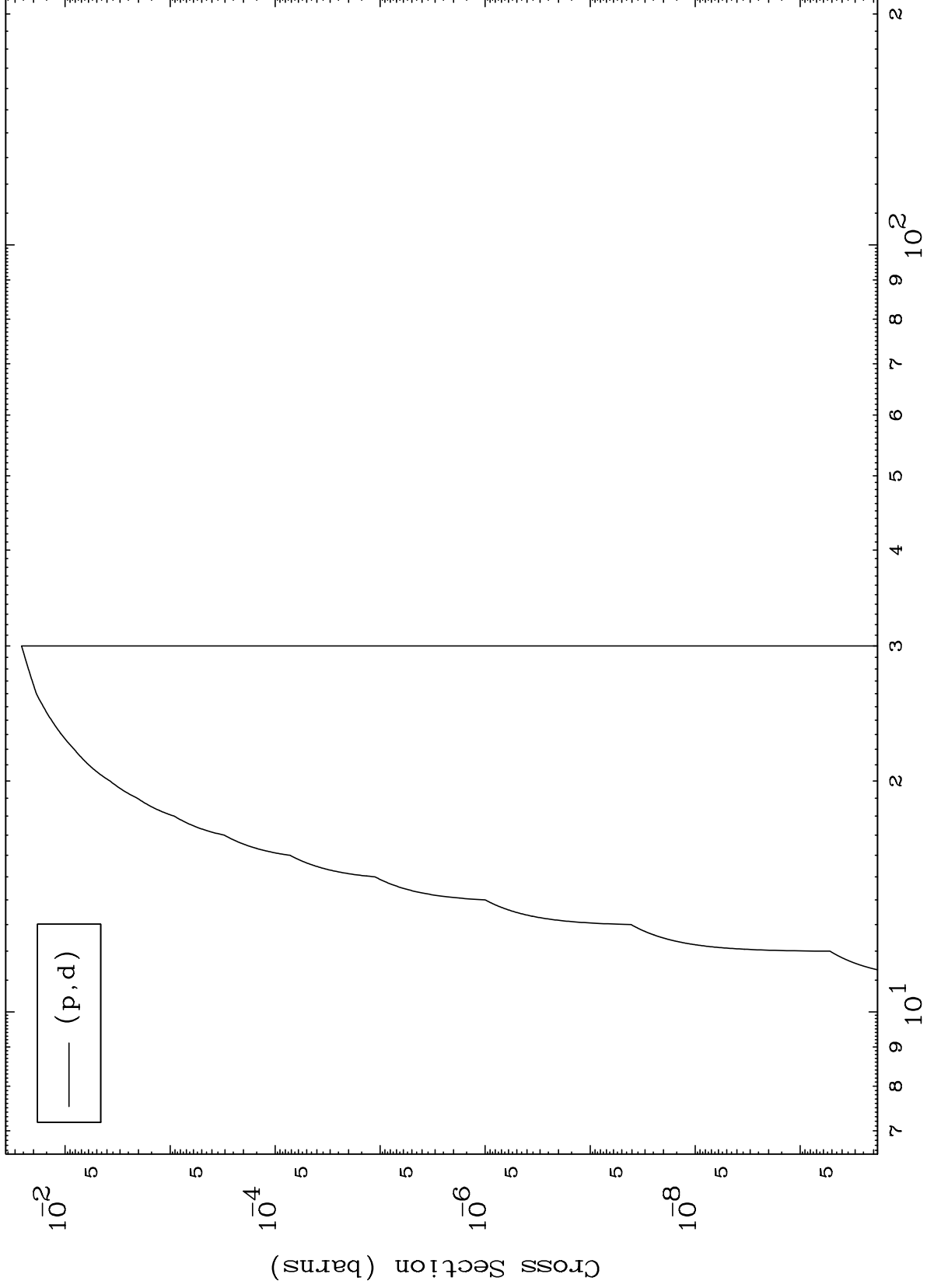


(p,p)

MAT 7902

(p,d) Levels
0 Kelvin Cross Sections

79-Au-189



8

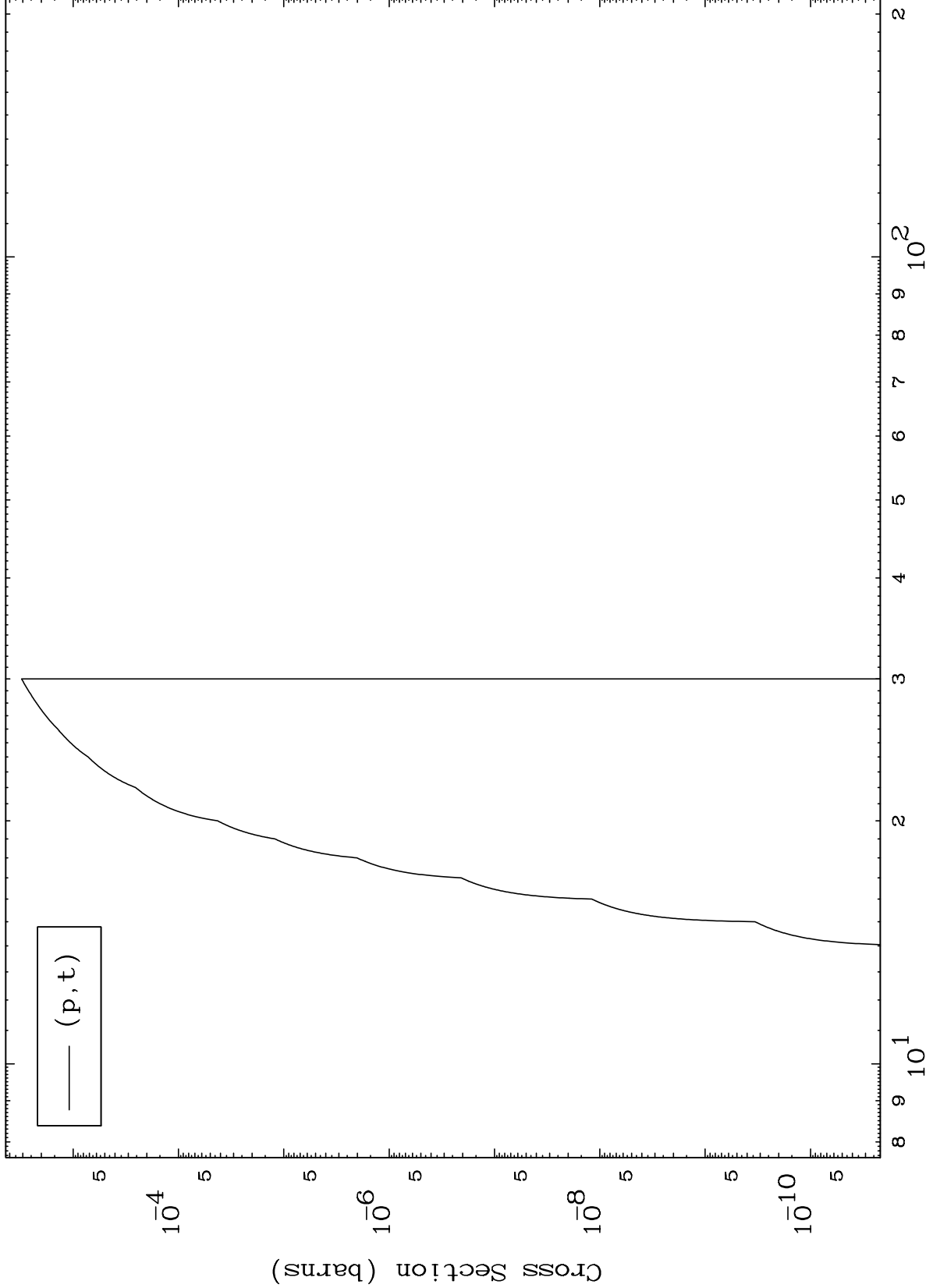
Incident Energy (MeV)

79-Au-189

MAT 7902

(p,t) Levels
0 Kelvin Cross Sections

79-Au-189



9

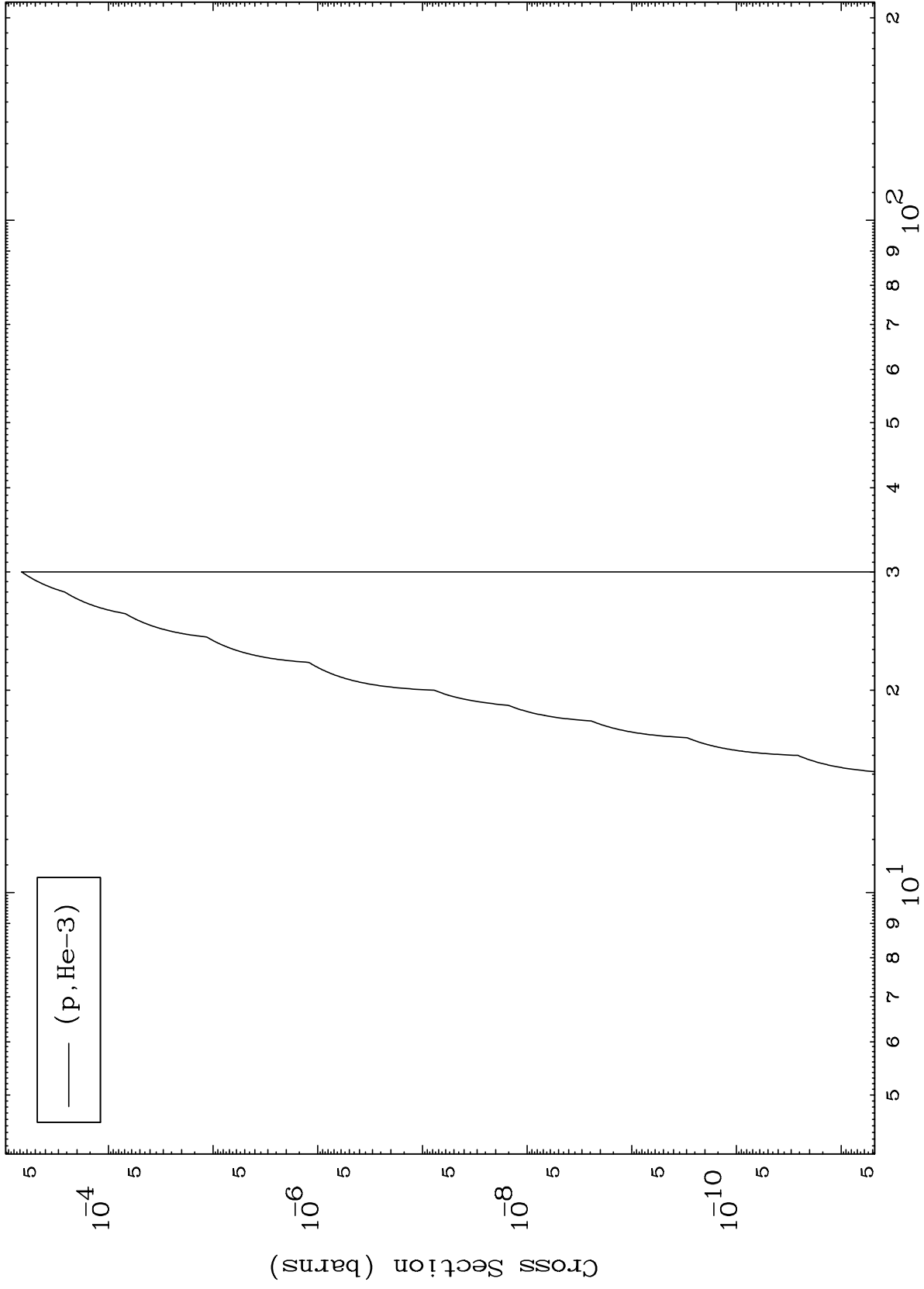
Incident Energy (MeV)

79-Au-189

MAT 7902

(p,He3) Levels
0 Kelvin Cross Sections

79-Au-189



10

Incident Energy (MeV)

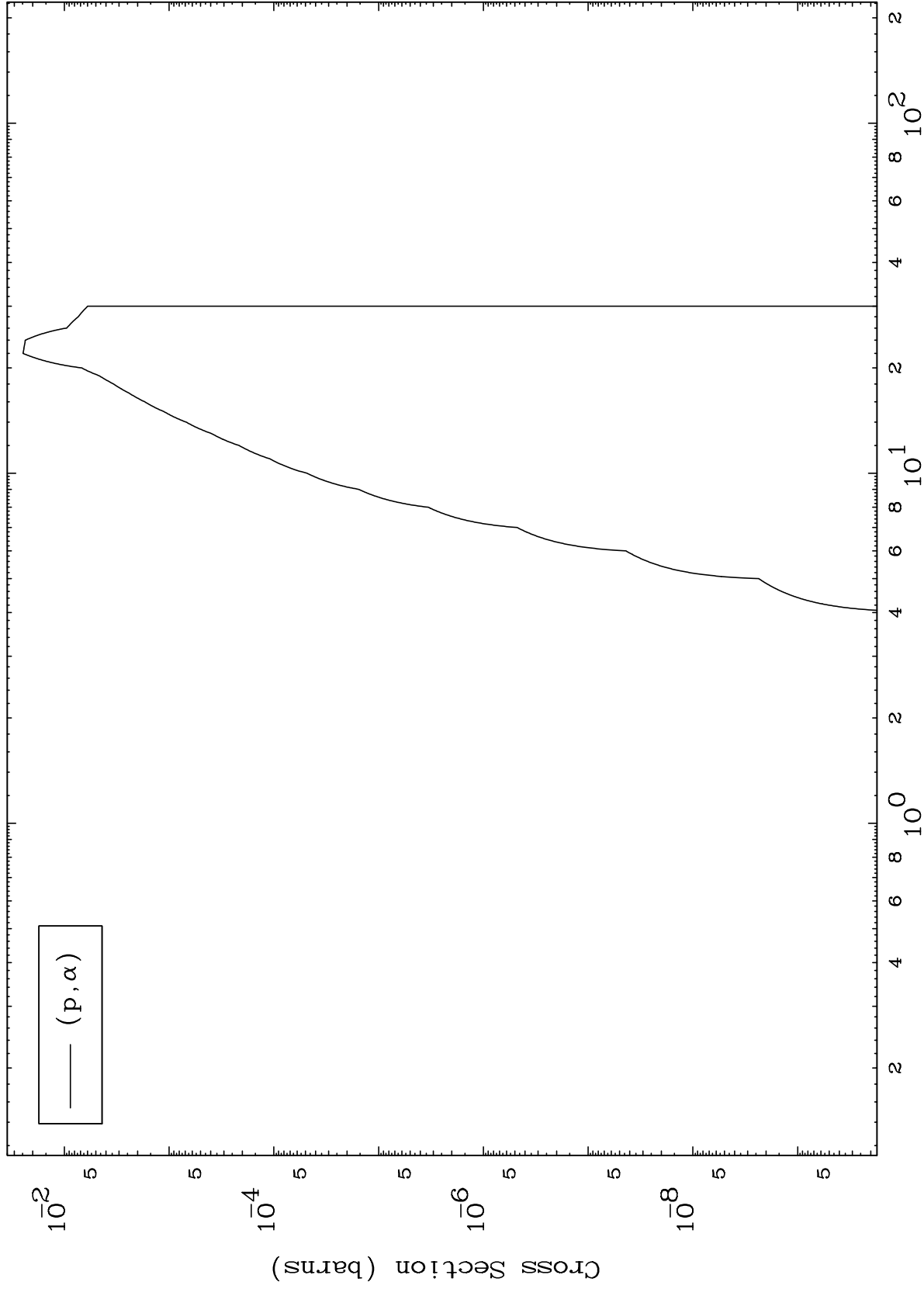
79-Au-189

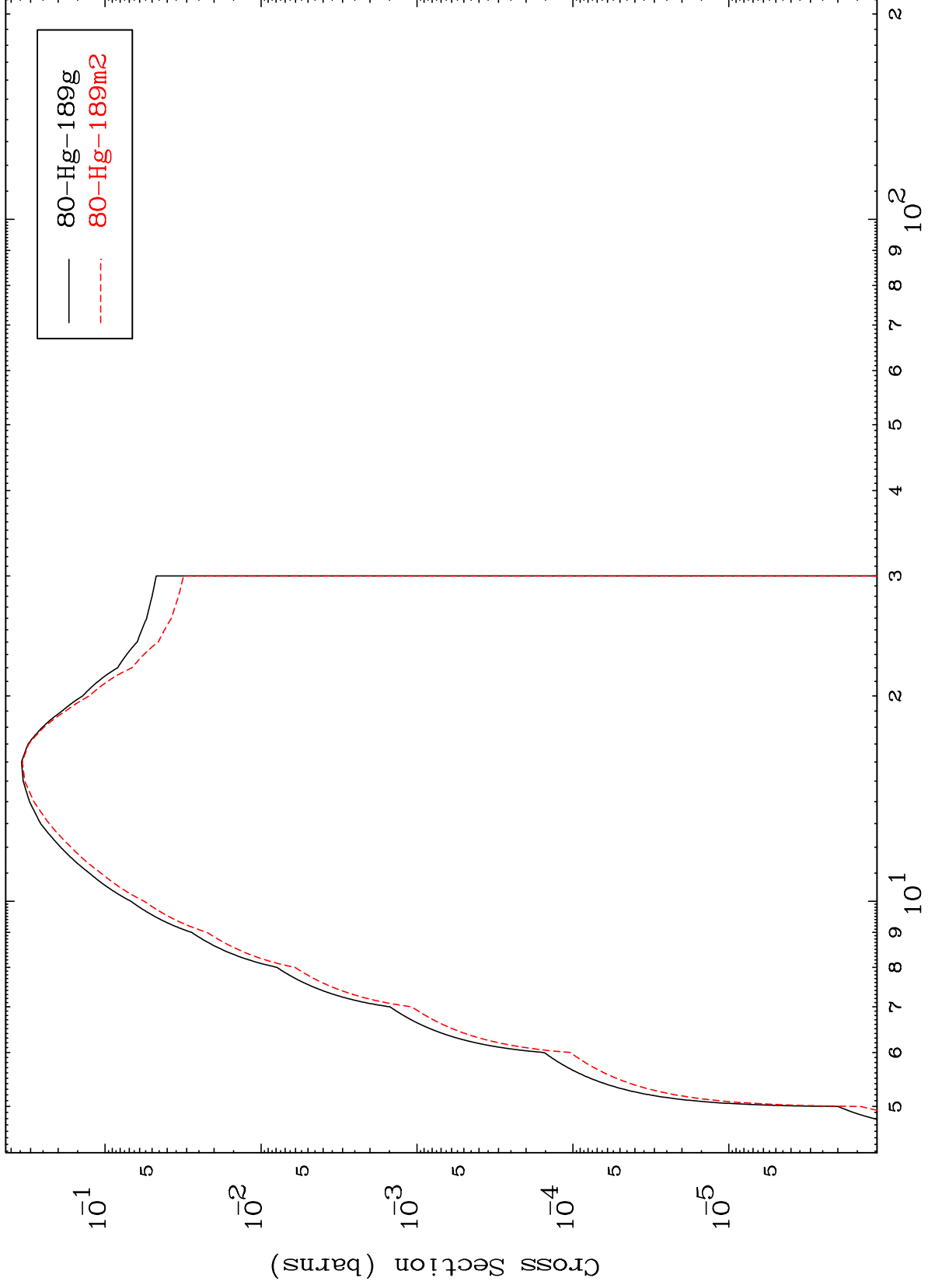
MAT 7902

(p, α) Levels

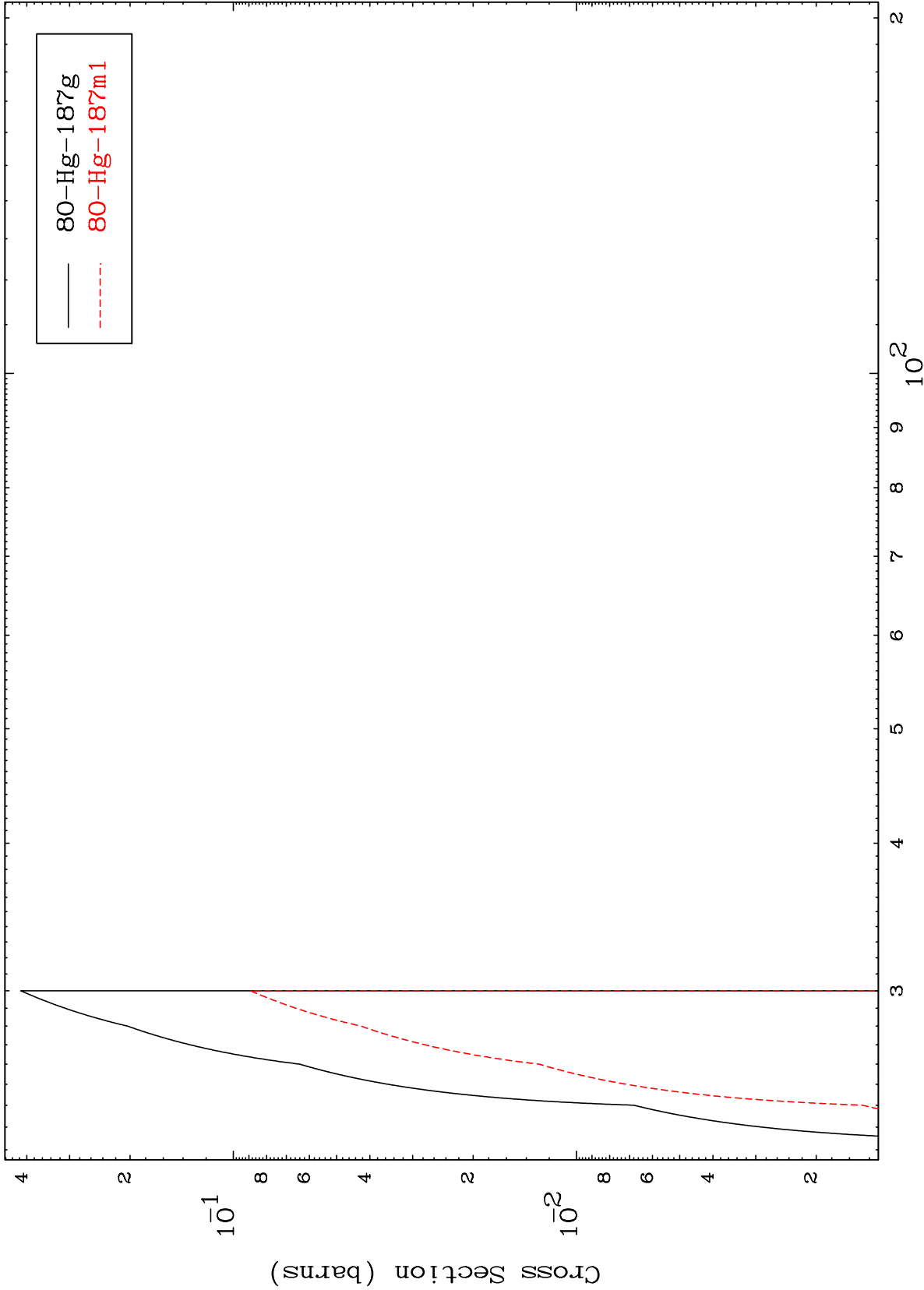
79-Au-189

0 Kelvin Cross Sections





Radionuclide Production Cross Section

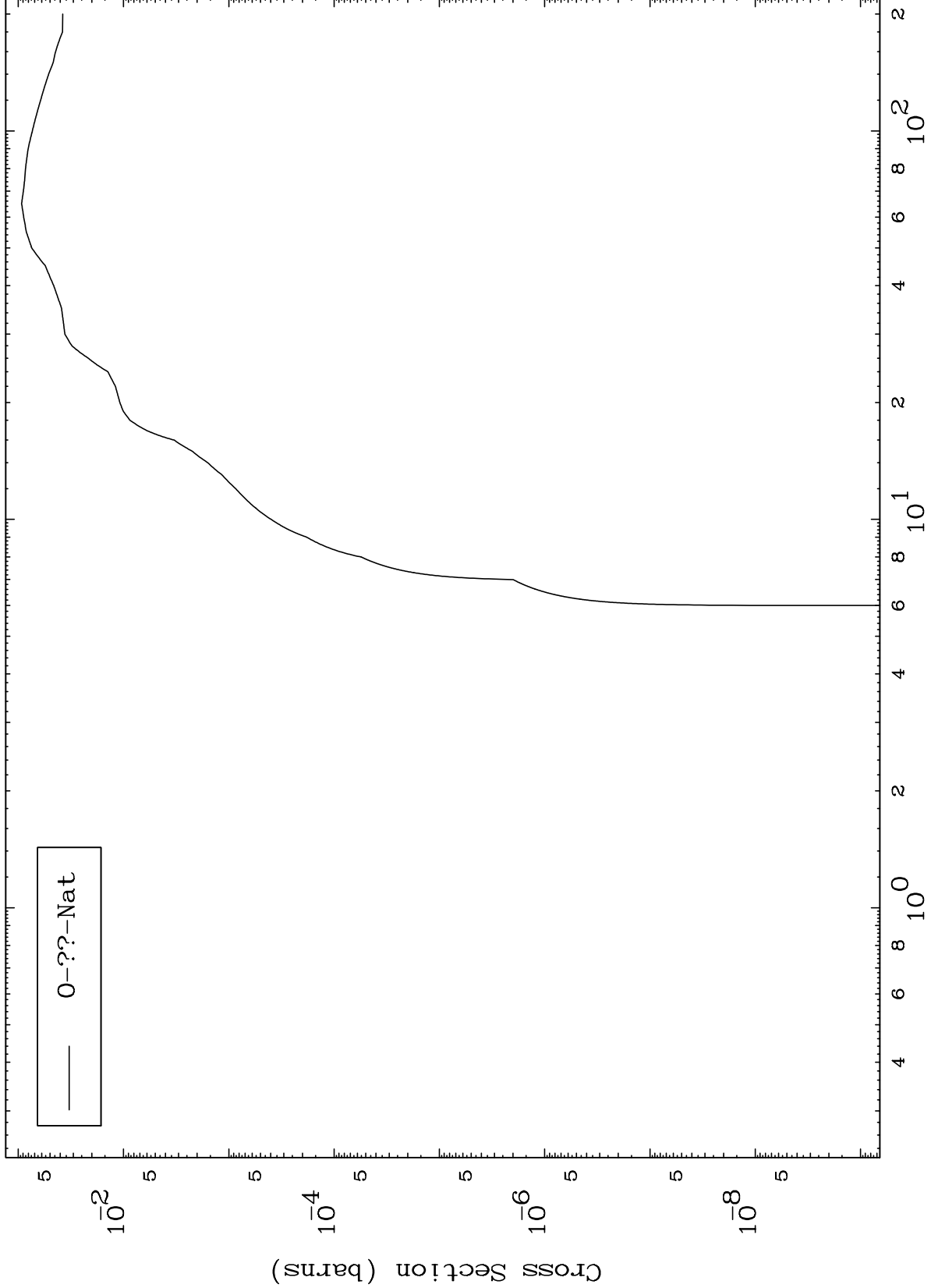


MAT 7902

Proton Fission

79-Au-189

Radionuclide Production Cross Section



14

Incident Energy (MeV)

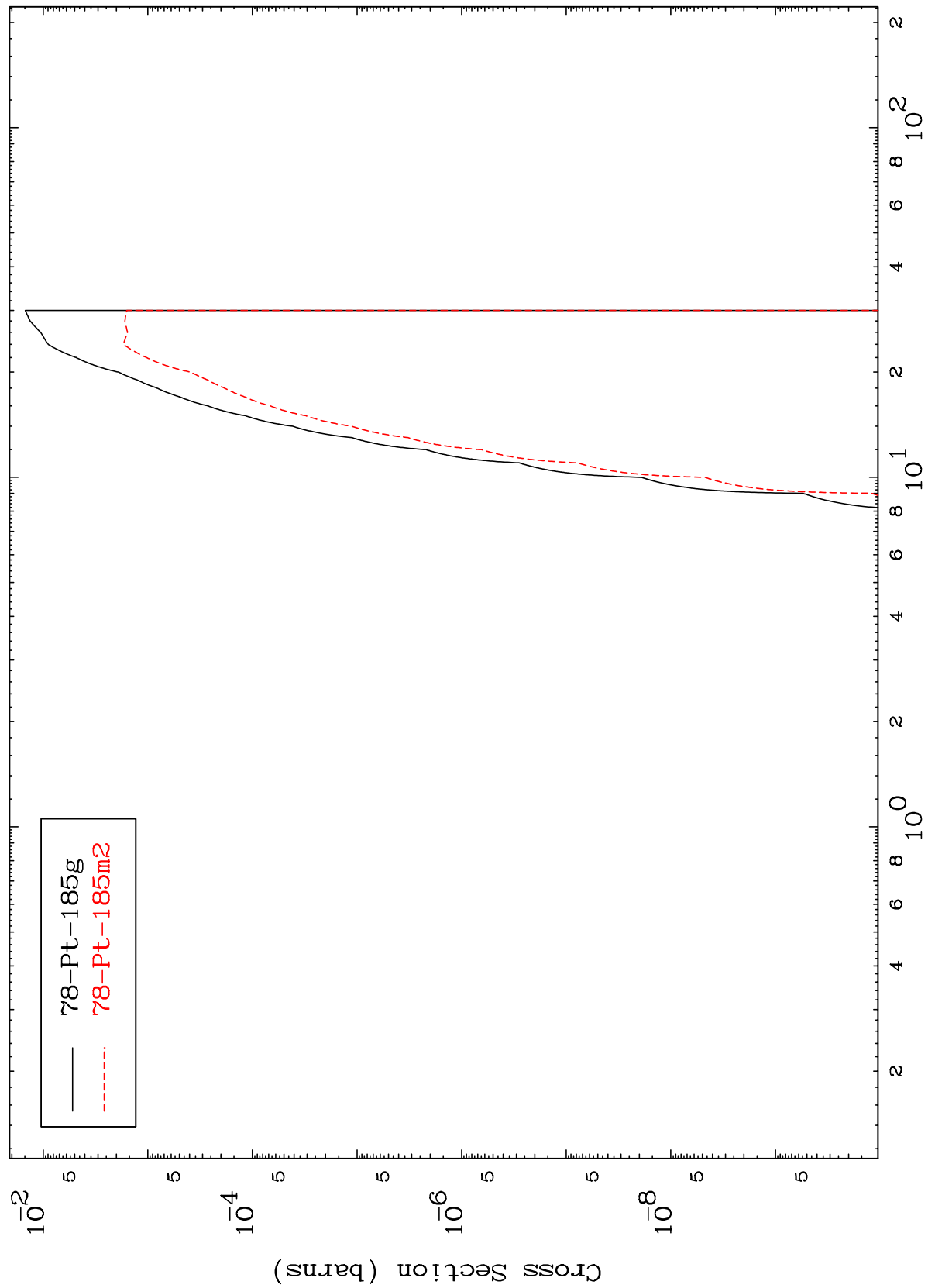
79-Au-189

MAT 7902

$(p,n') \alpha$

$^{79}\text{Au-189}$

Radionuclide Production Cross Section

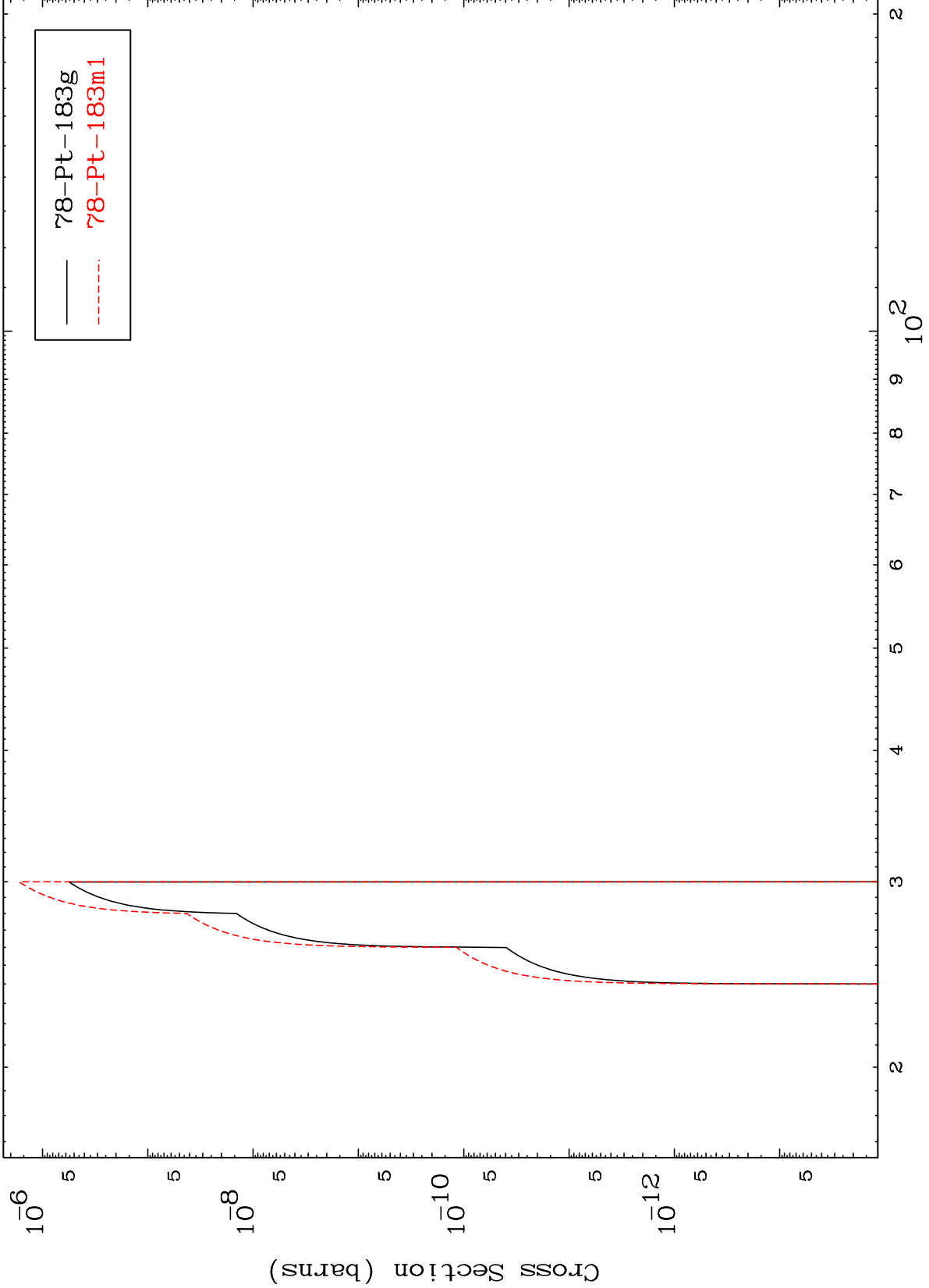


MAT 7902

(p,3n) α

79-Au-189

Radionuclide Production Cross Section



16

Incident Energy (MeV)

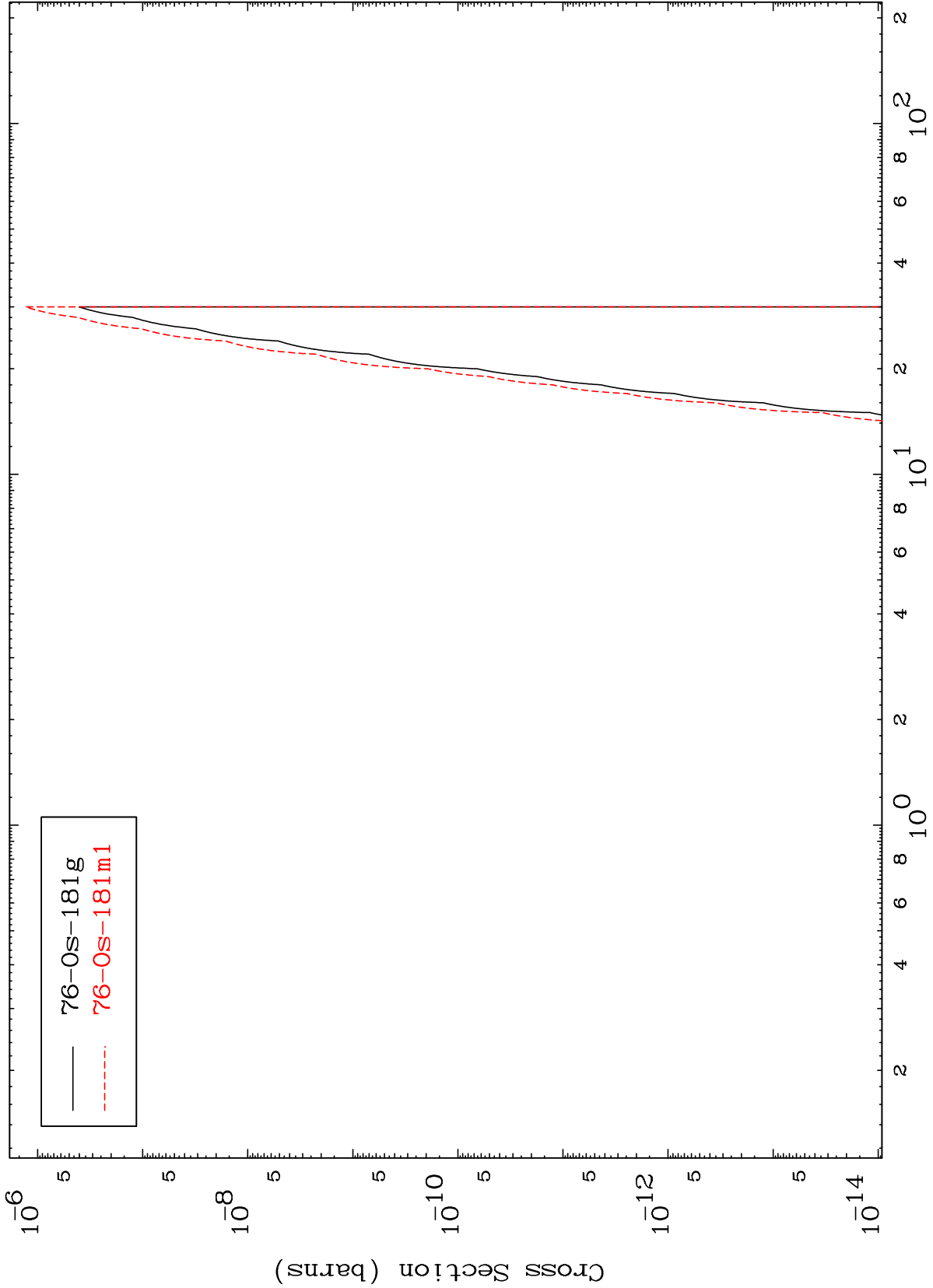
79-Au-189

MAT 7902

(p,n') 2 α

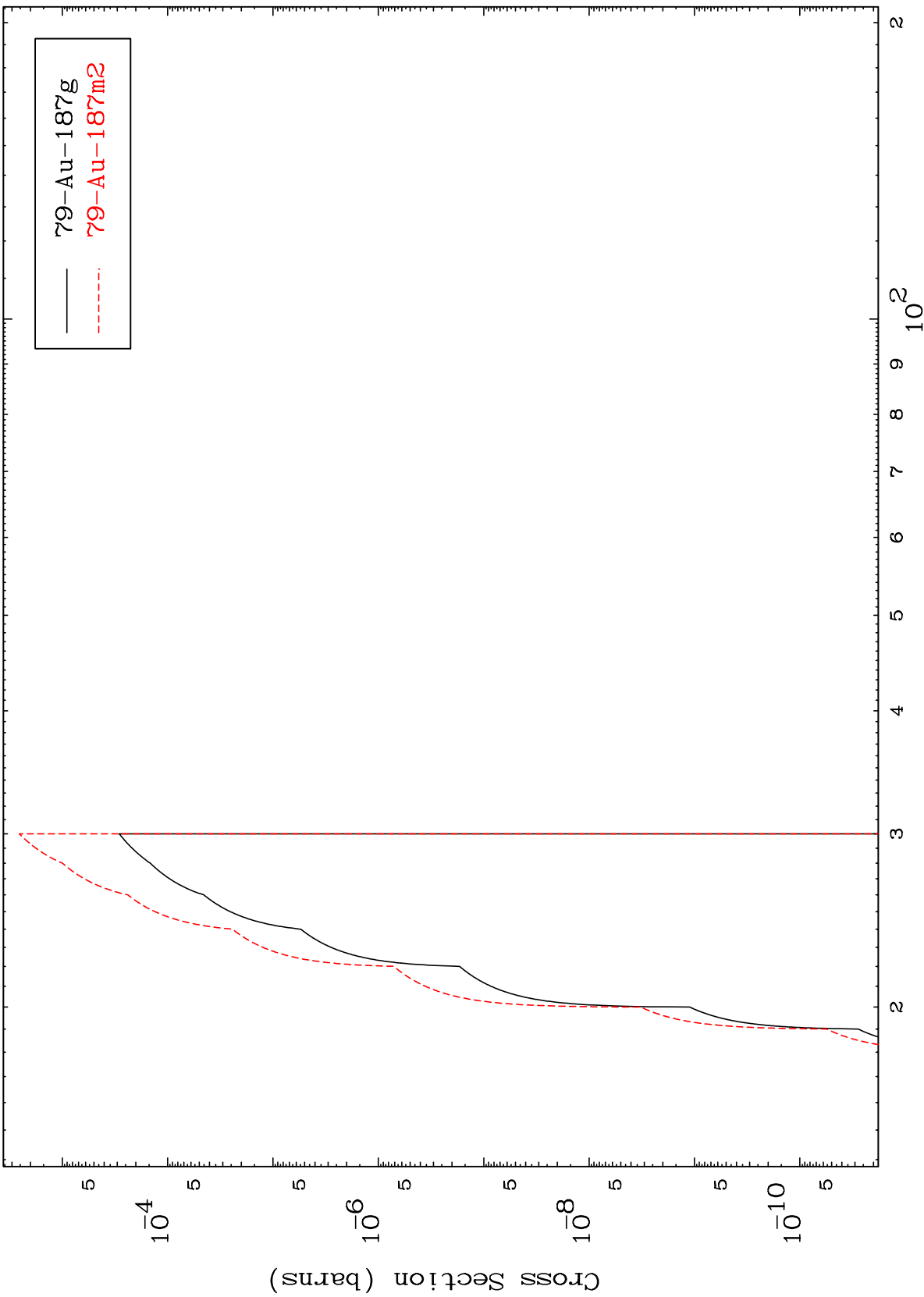
79-Au-189

Radionuclide Production Cross Section



— 76-Os-181g
- - - 76-Os-181m1

Radionuclide Production Cross Section

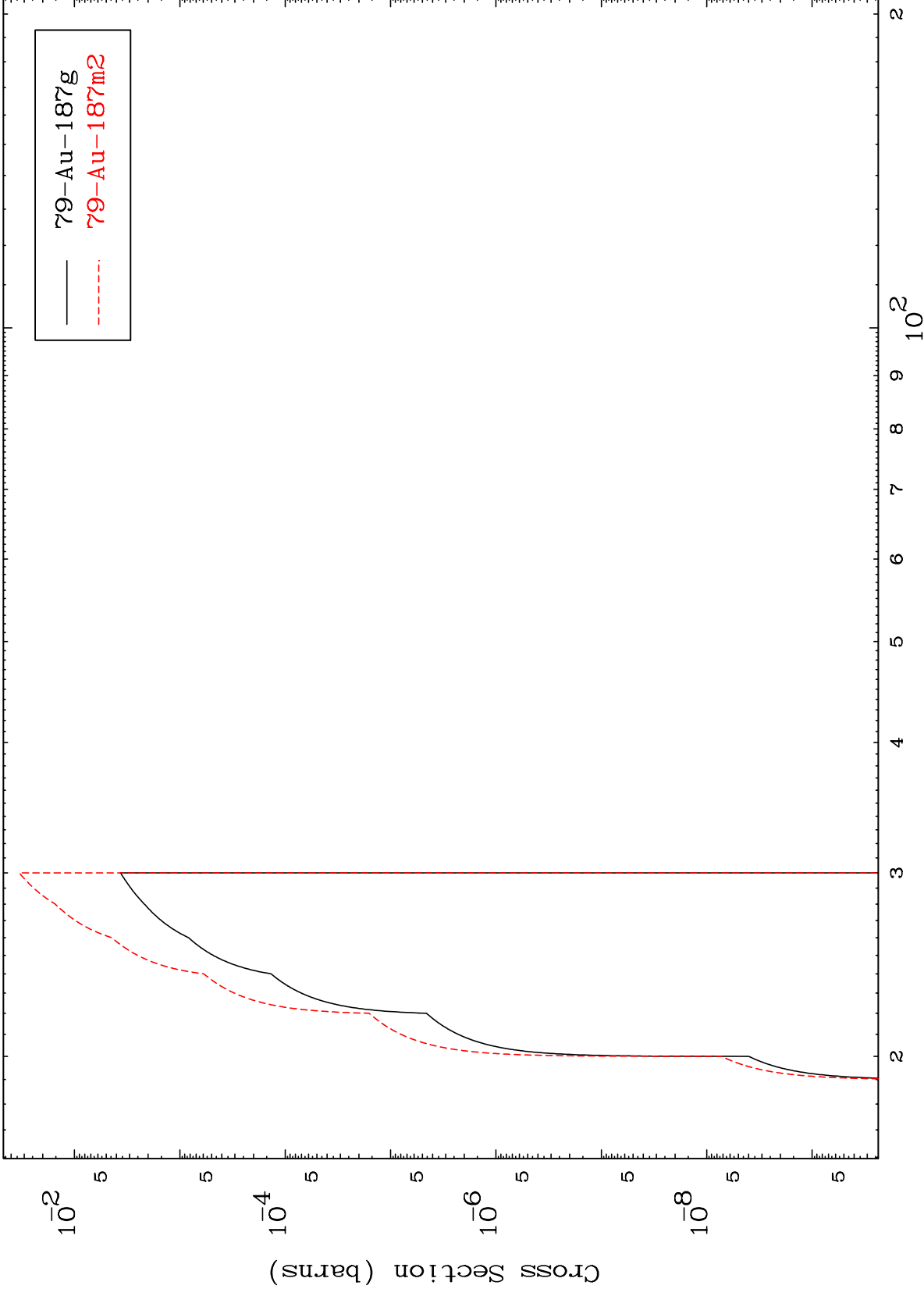


MAT 7902

(p,2n) p

⁷⁹Au-189

Radionuclide Production Cross Section



19

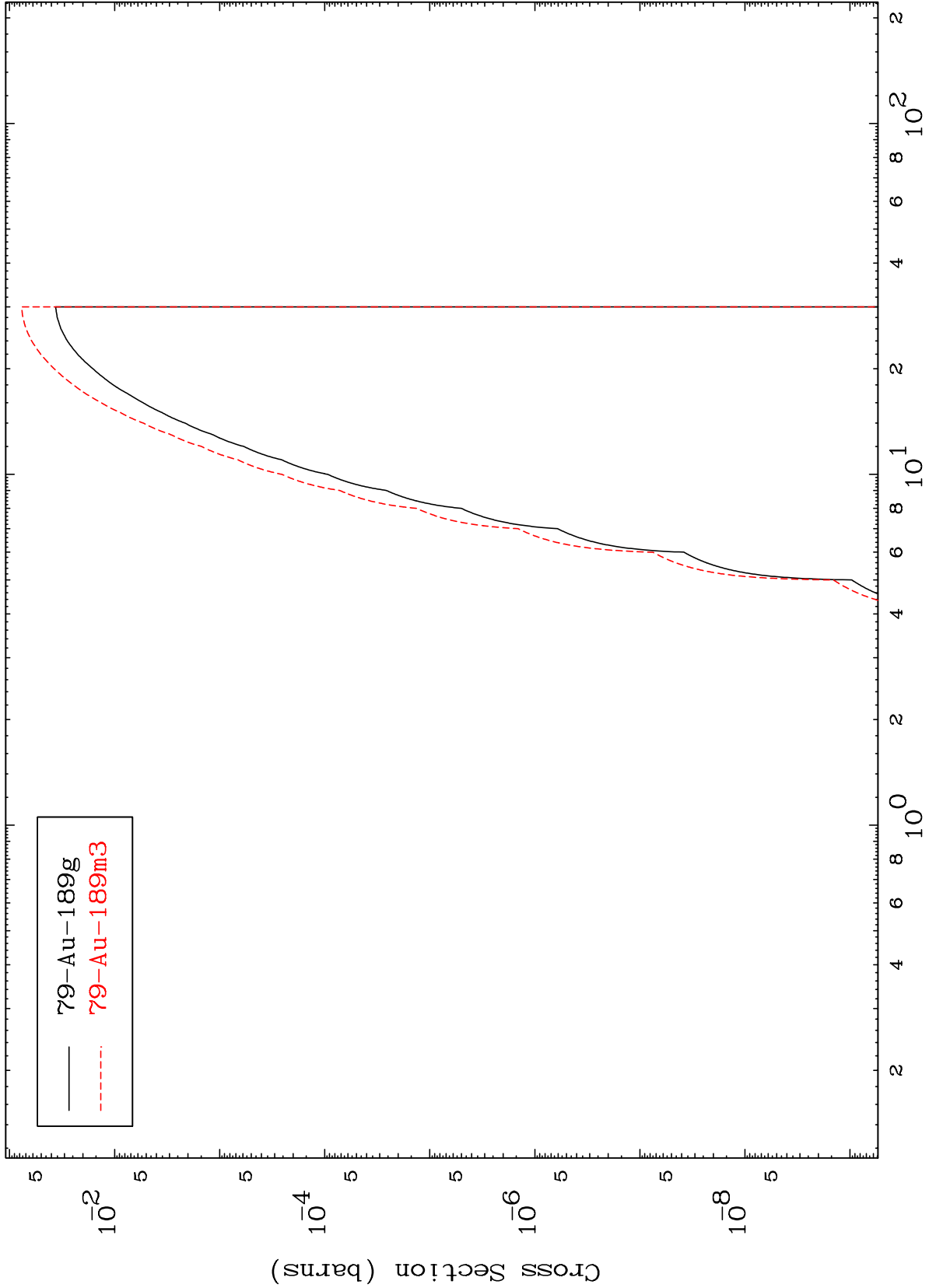
Incident Energy (MeV)

⁷⁹Au-189

MAT 7902

79-Au-189

(p,p)
Radionuclide Production Cross Section



20

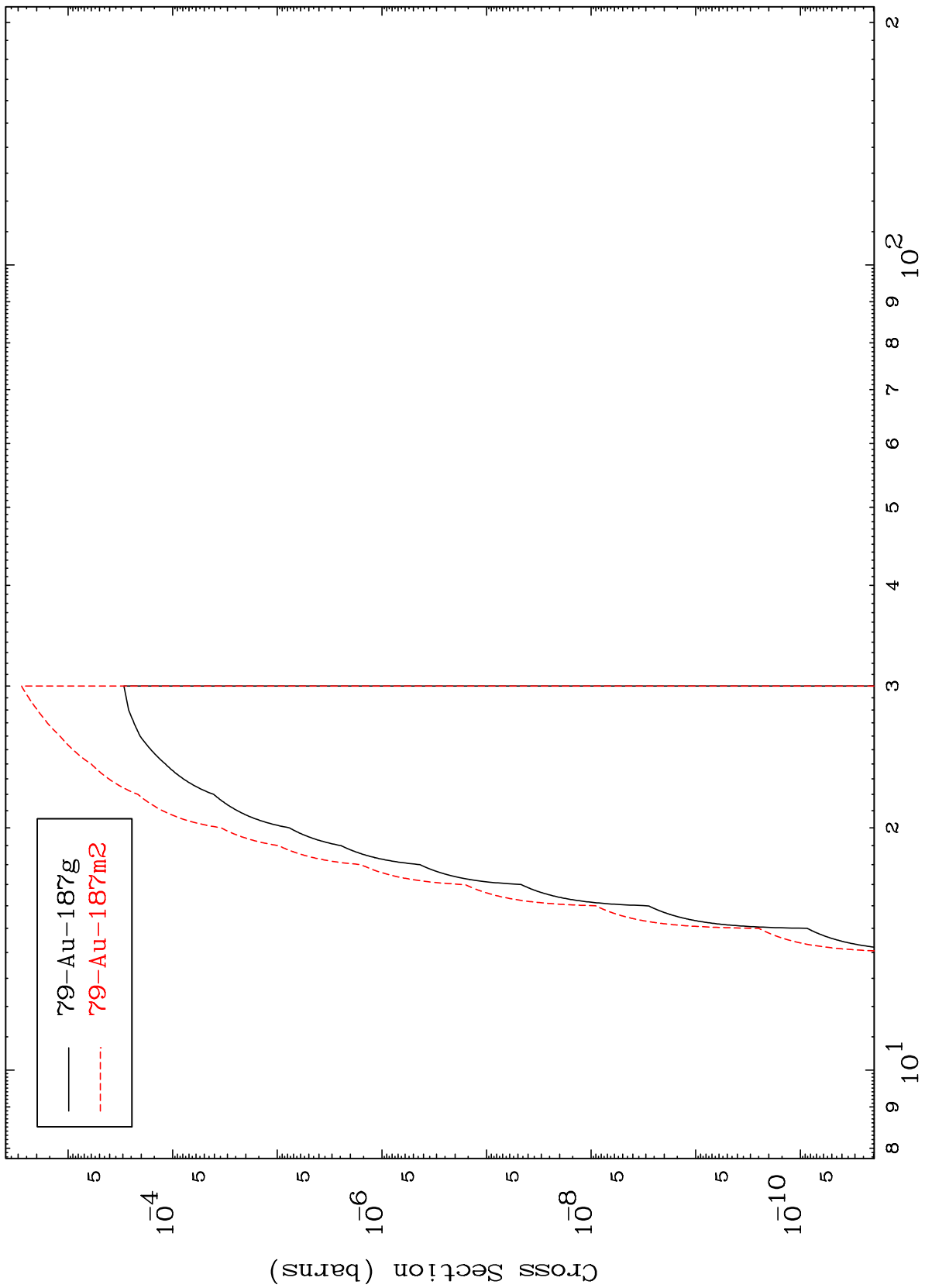
79-Au-189

Incident Energy (MeV)

MAT 7902

79-Au-189

(p, t)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

79-Au-189