

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

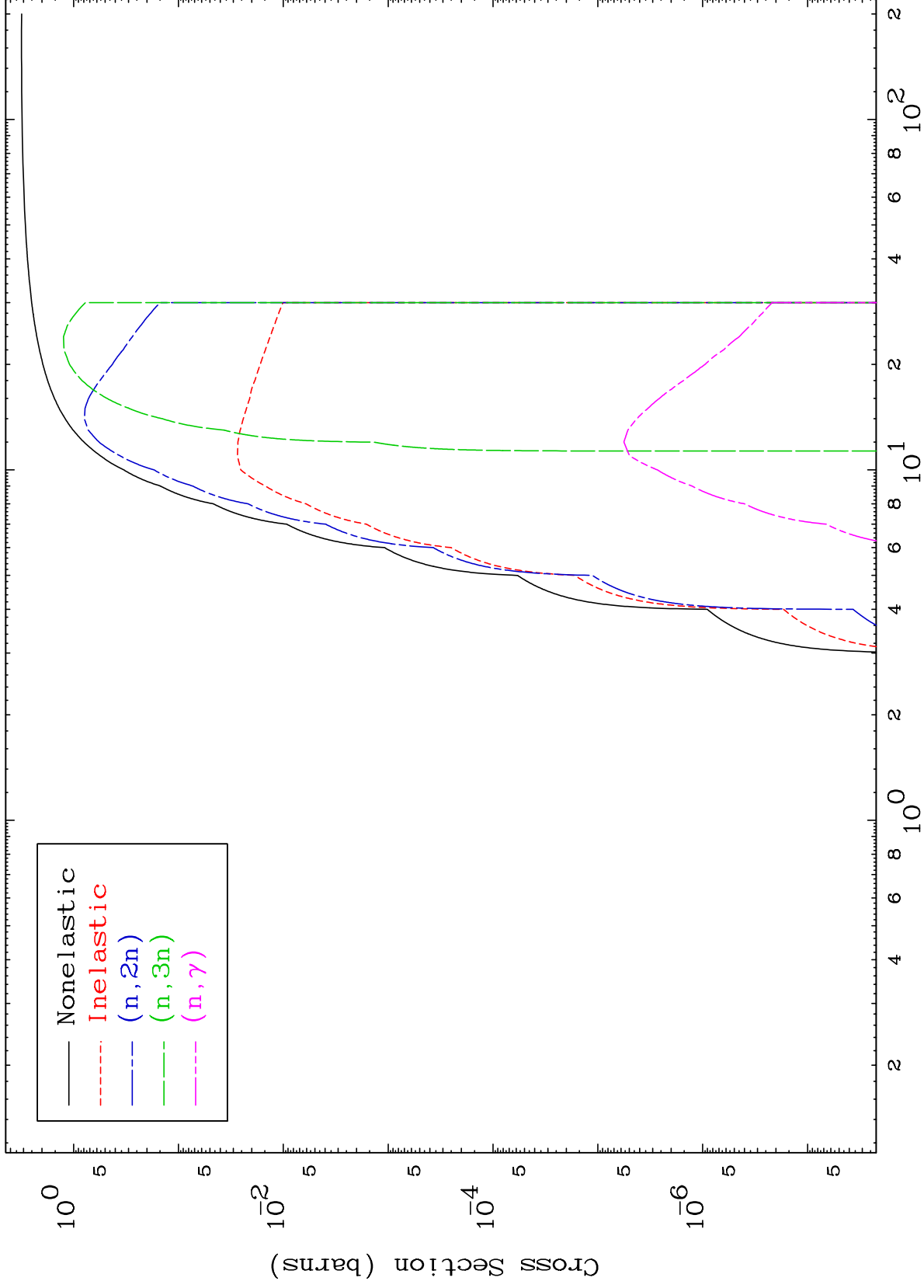
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

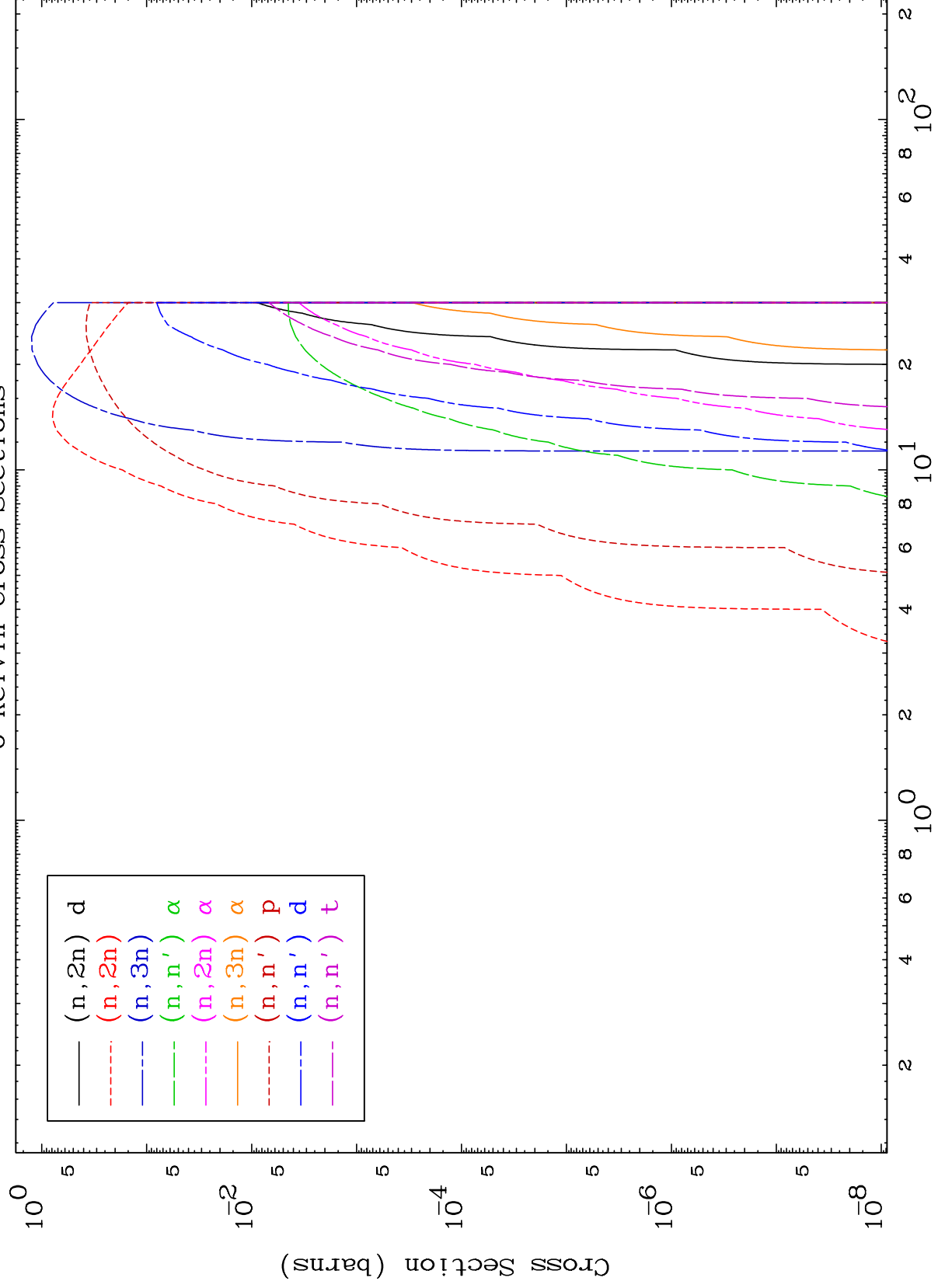
Tele: 925-443-1911

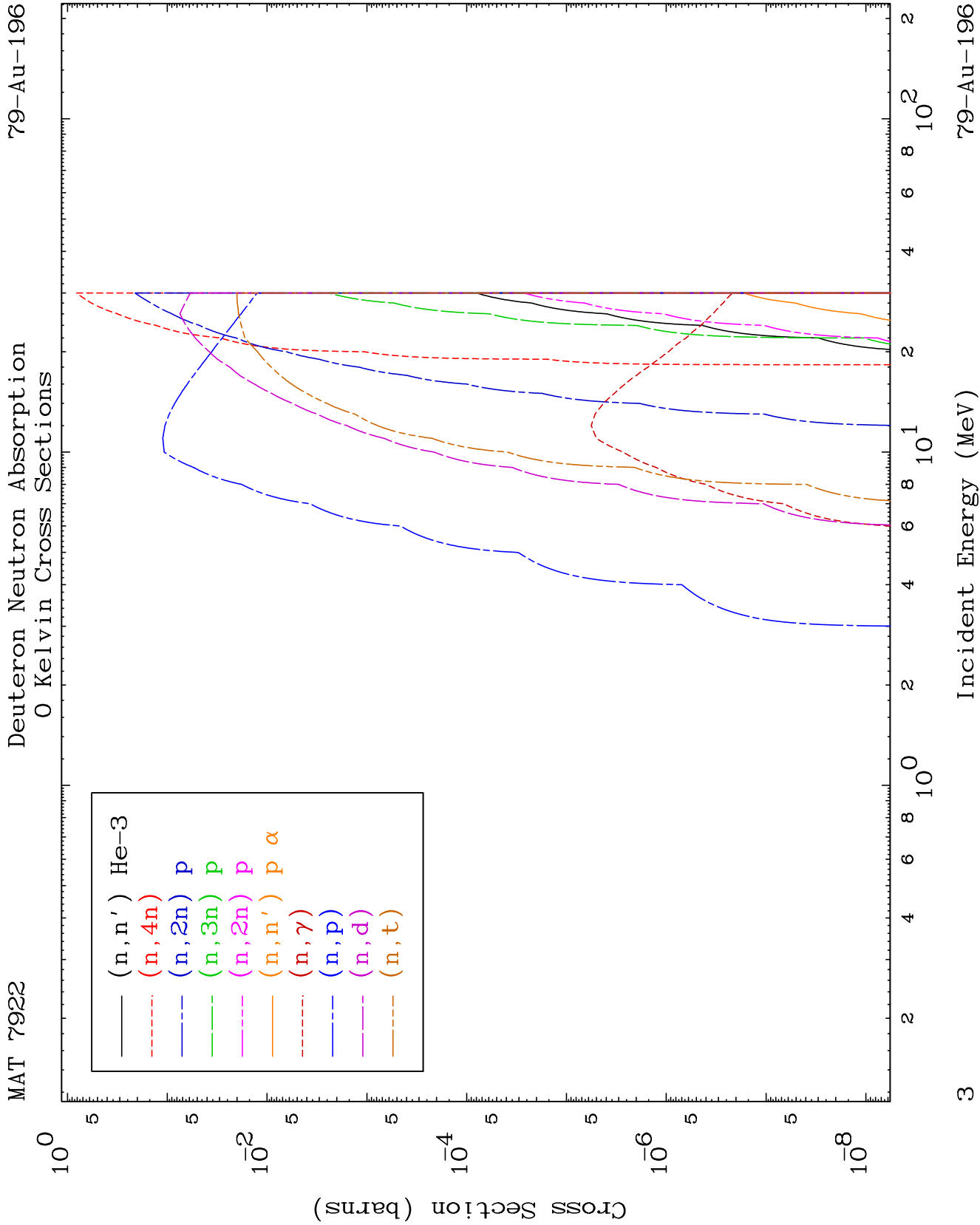
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

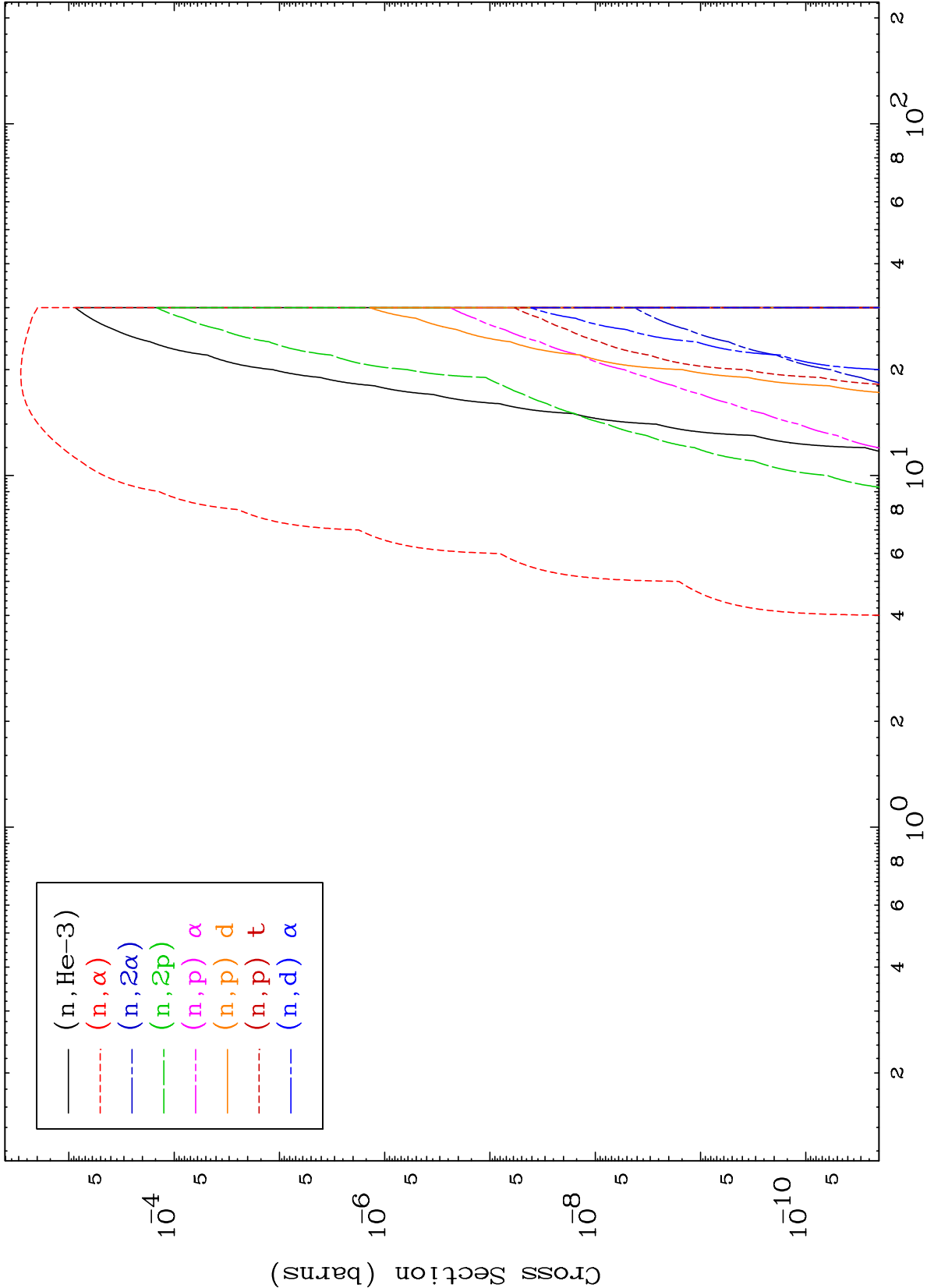
Press Mouse Button to Start

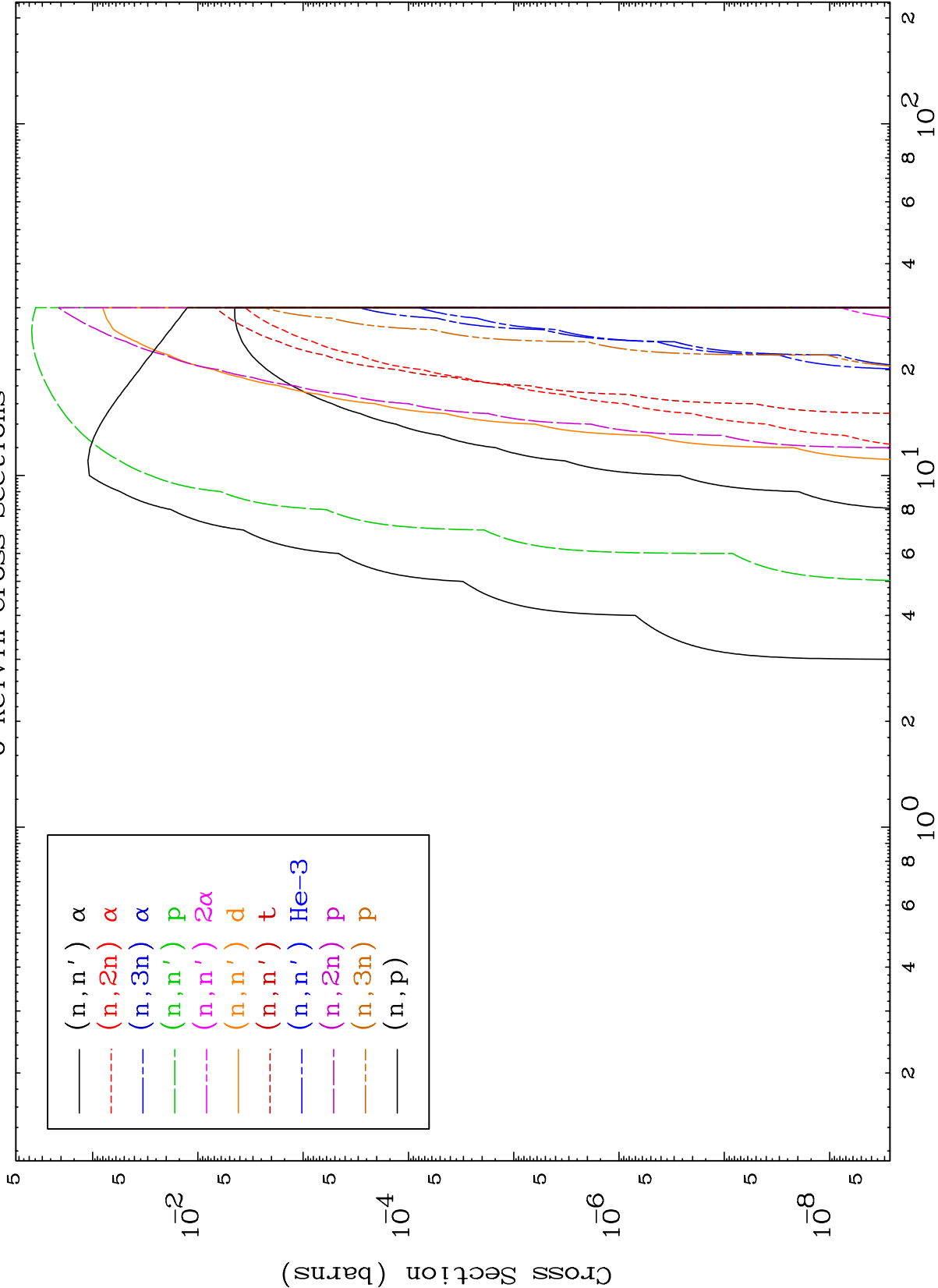
0 Kelvin Cross Sections

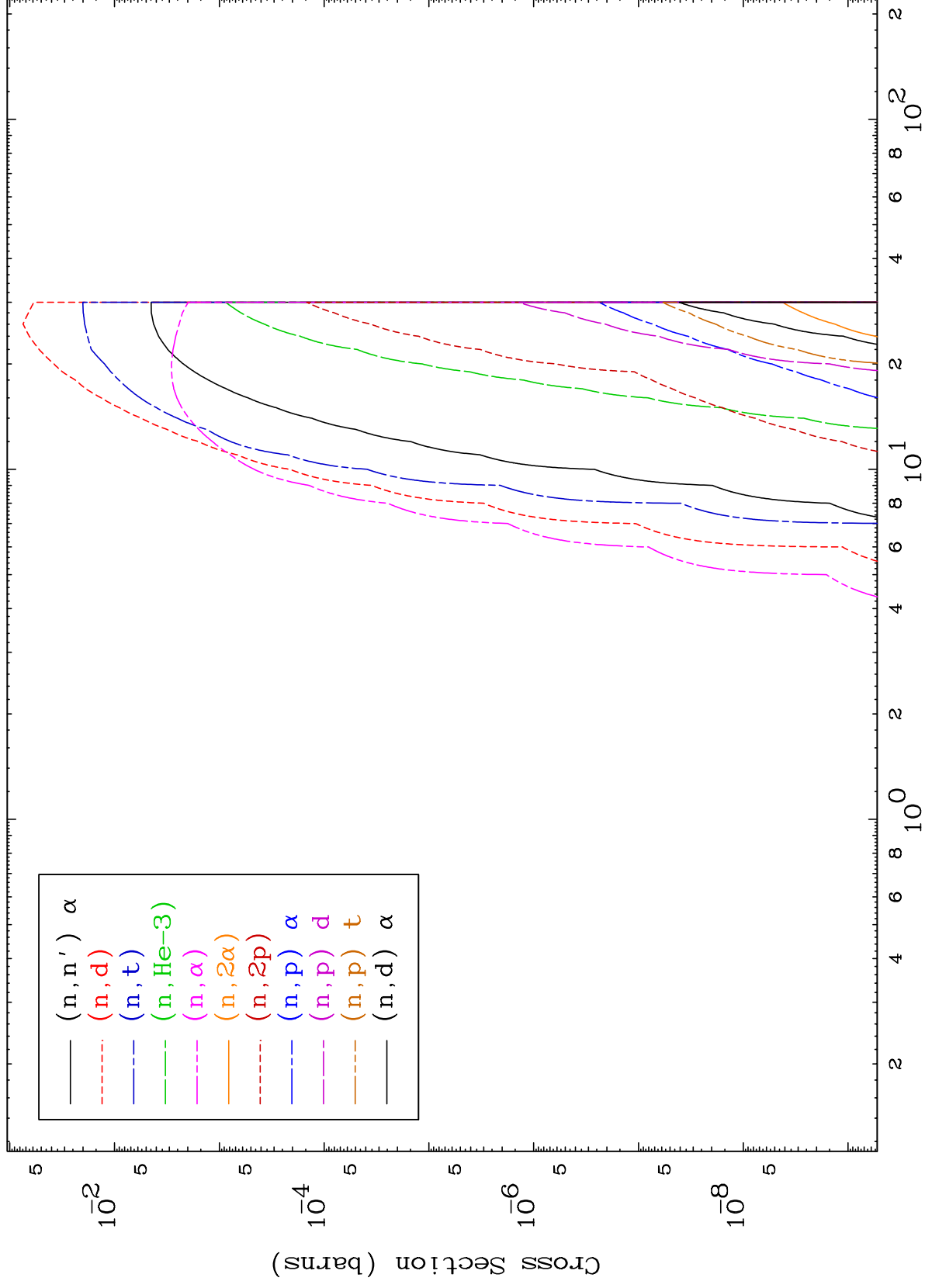








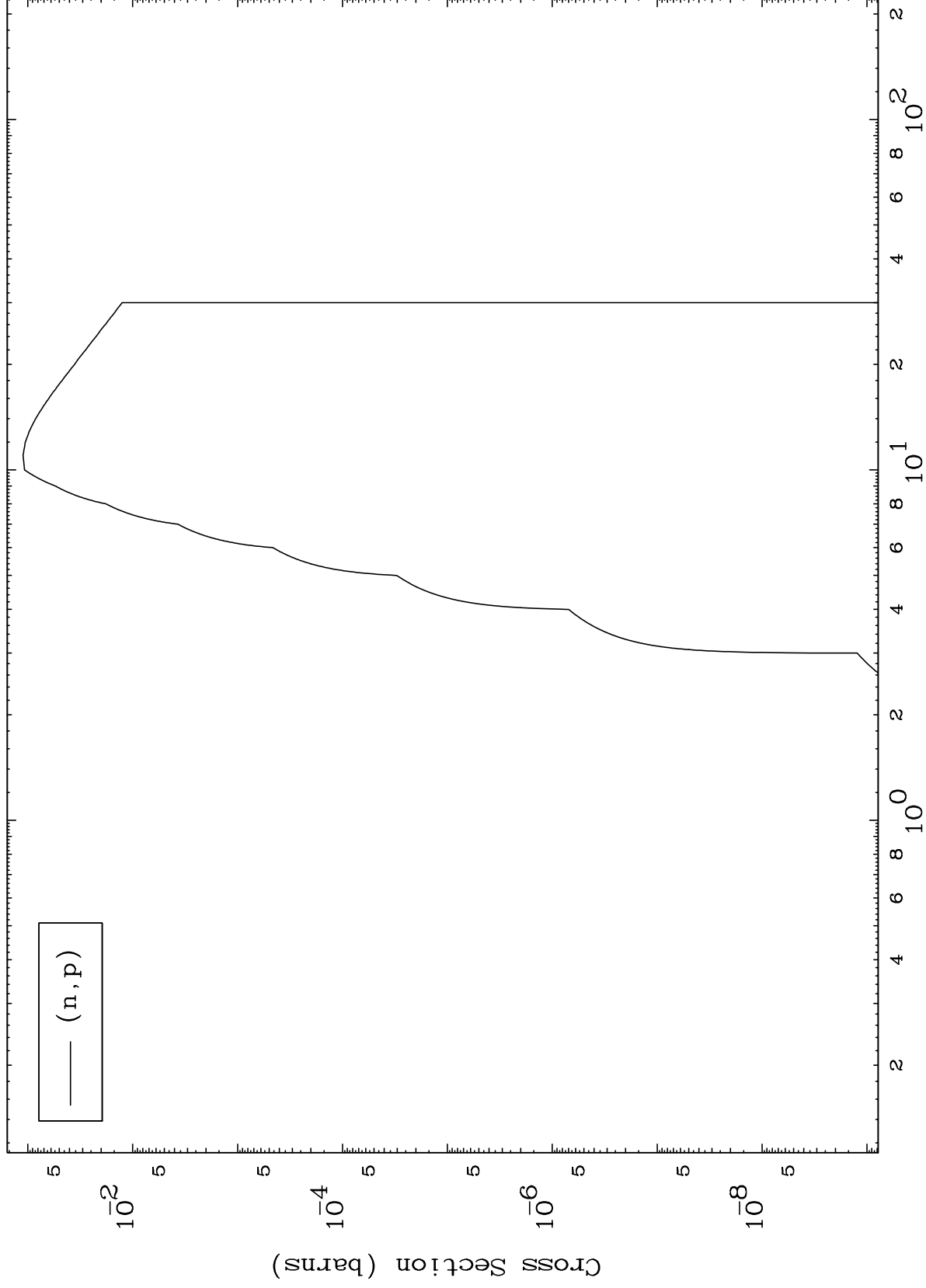




MAT 7922

79-Au-196

(d,p) Levels
0 Kelvin Cross Sections



— (n,p)

79-Au-196

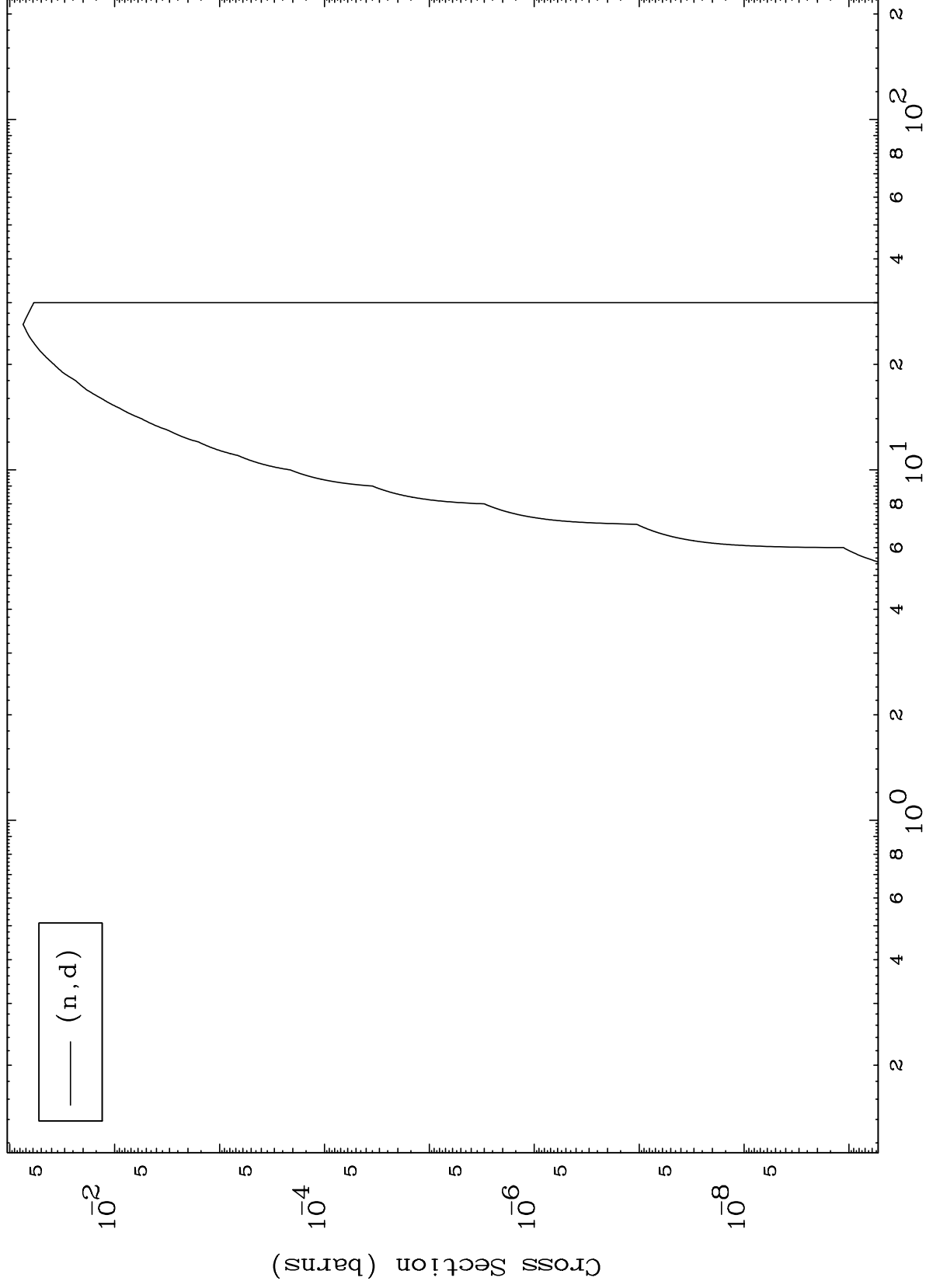
Incident Energy (MeV)

7

MAT 7922

79-Au-196

(d,d) Levels
0 Kelvin Cross Sections



79-Au-196

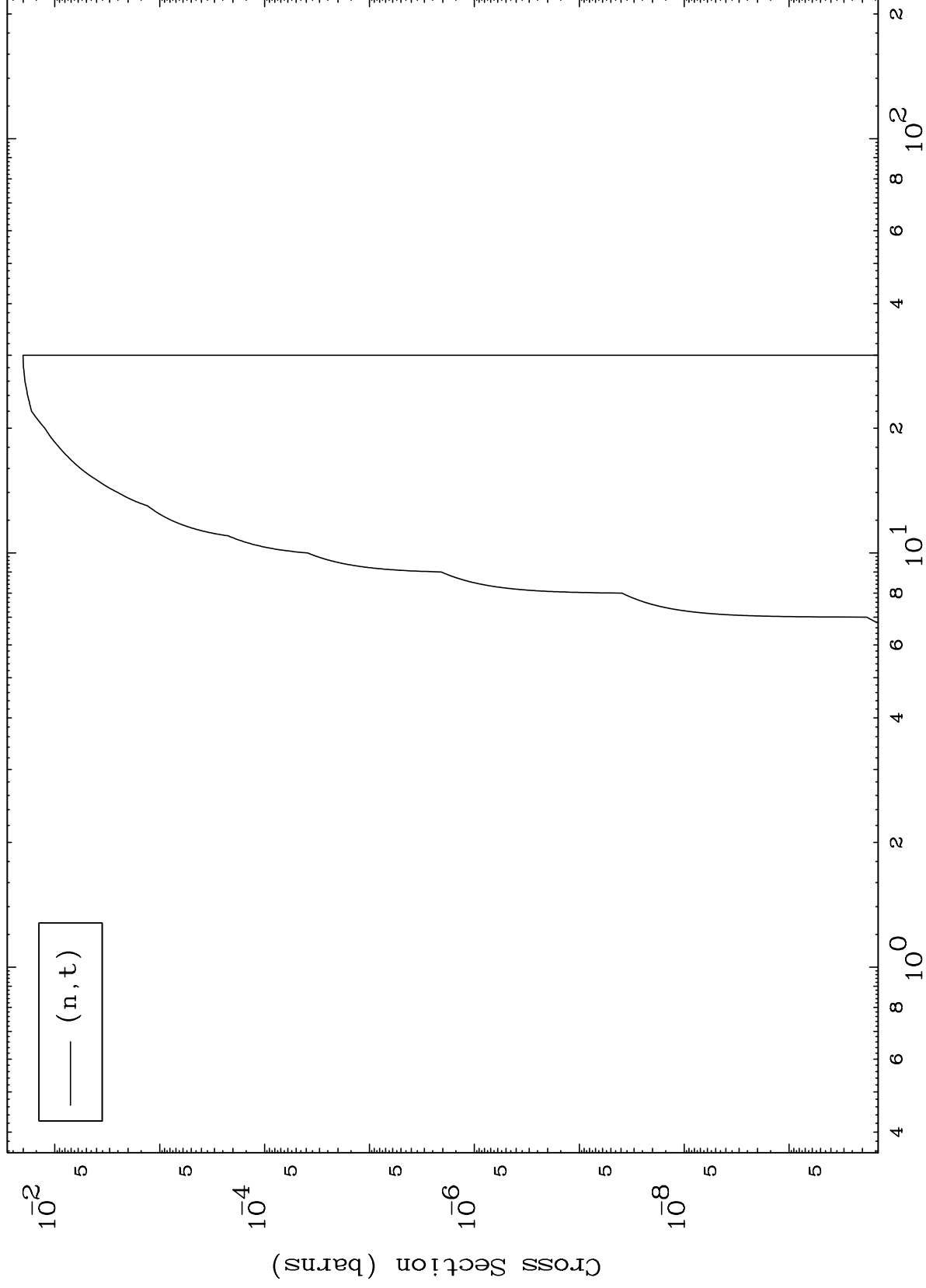
Incident Energy (MeV)

8

MAT 7922

79-Au-196

(d,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

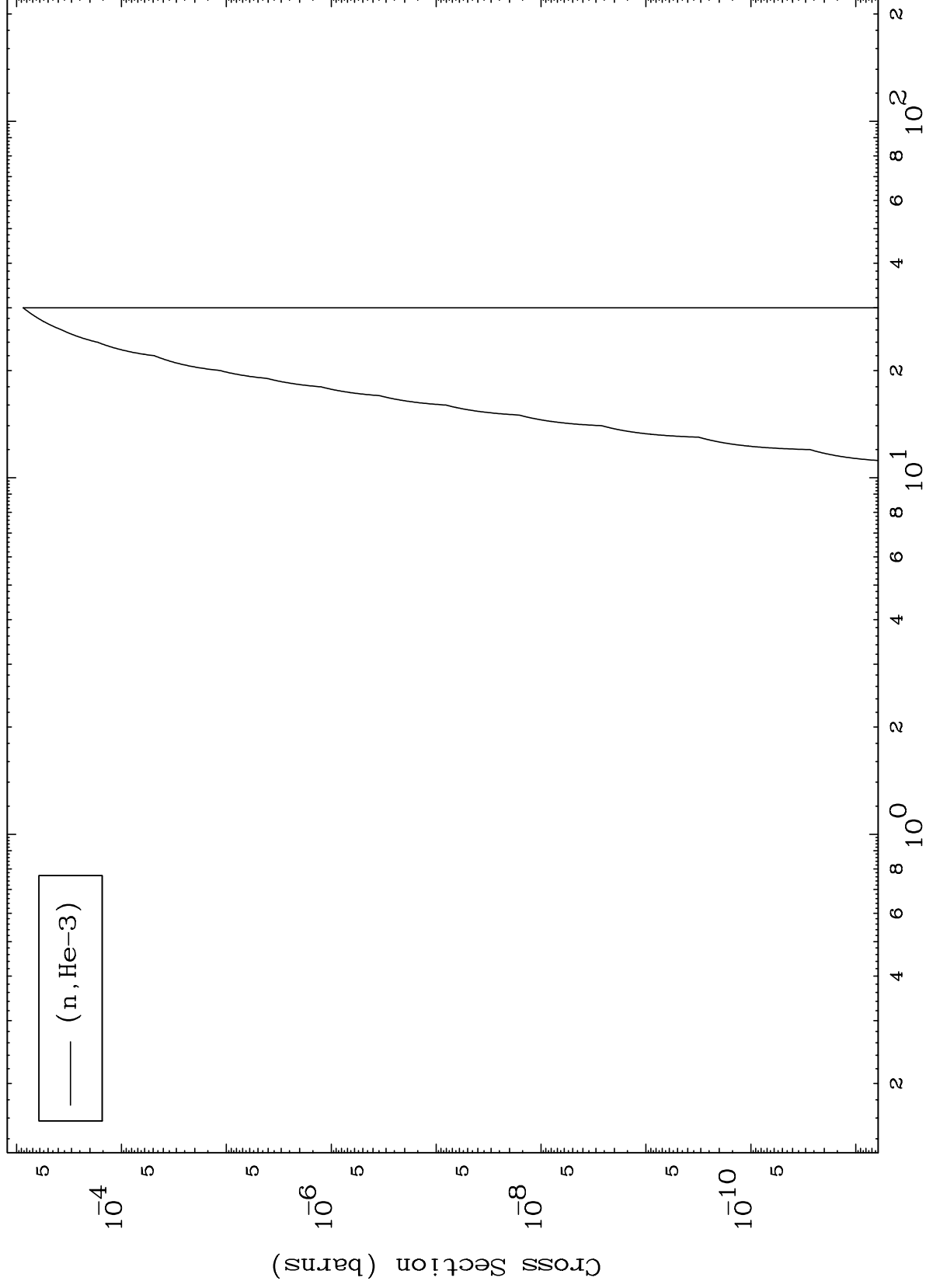
79-Au-196

MAT 7922

(d,He3) Levels

79-Au-196

0 Kelvin Cross Sections

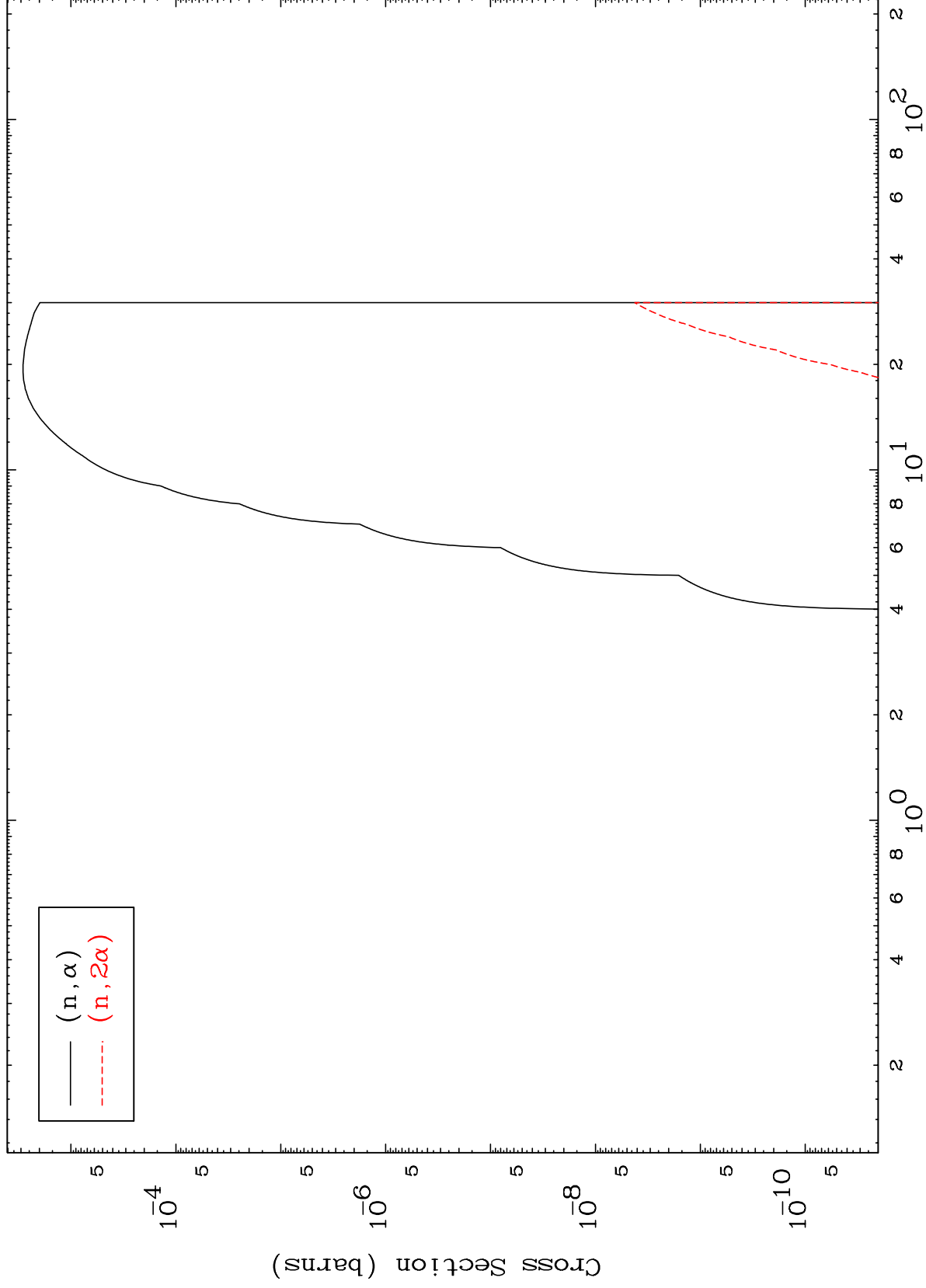


10

Incident Energy (MeV)

79-Au-196

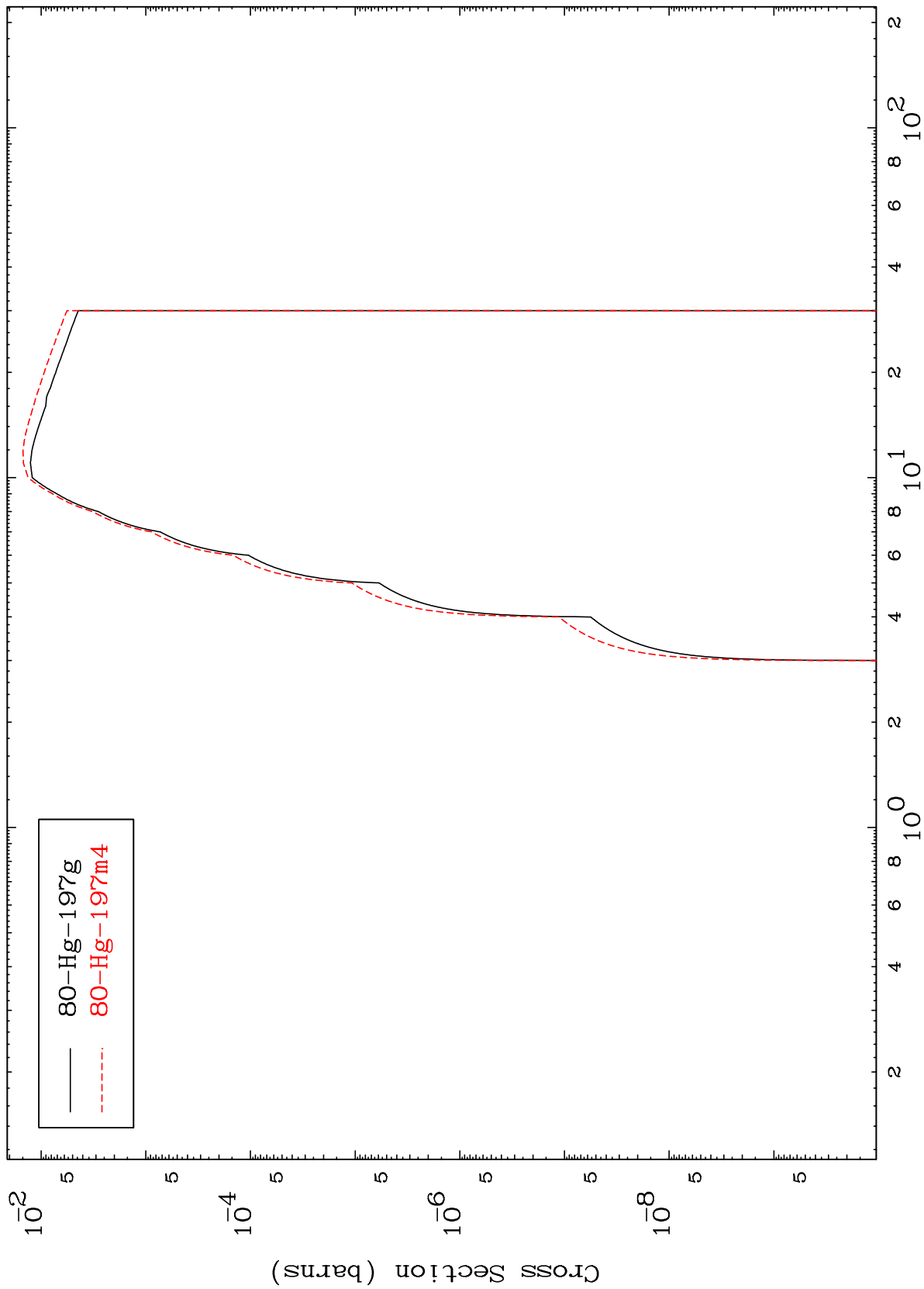
(d, α) Levels
0 Kelvin Cross Sections



MAT 7922

79-Au-196

Inelastic
Radionuclide Production Cross Section

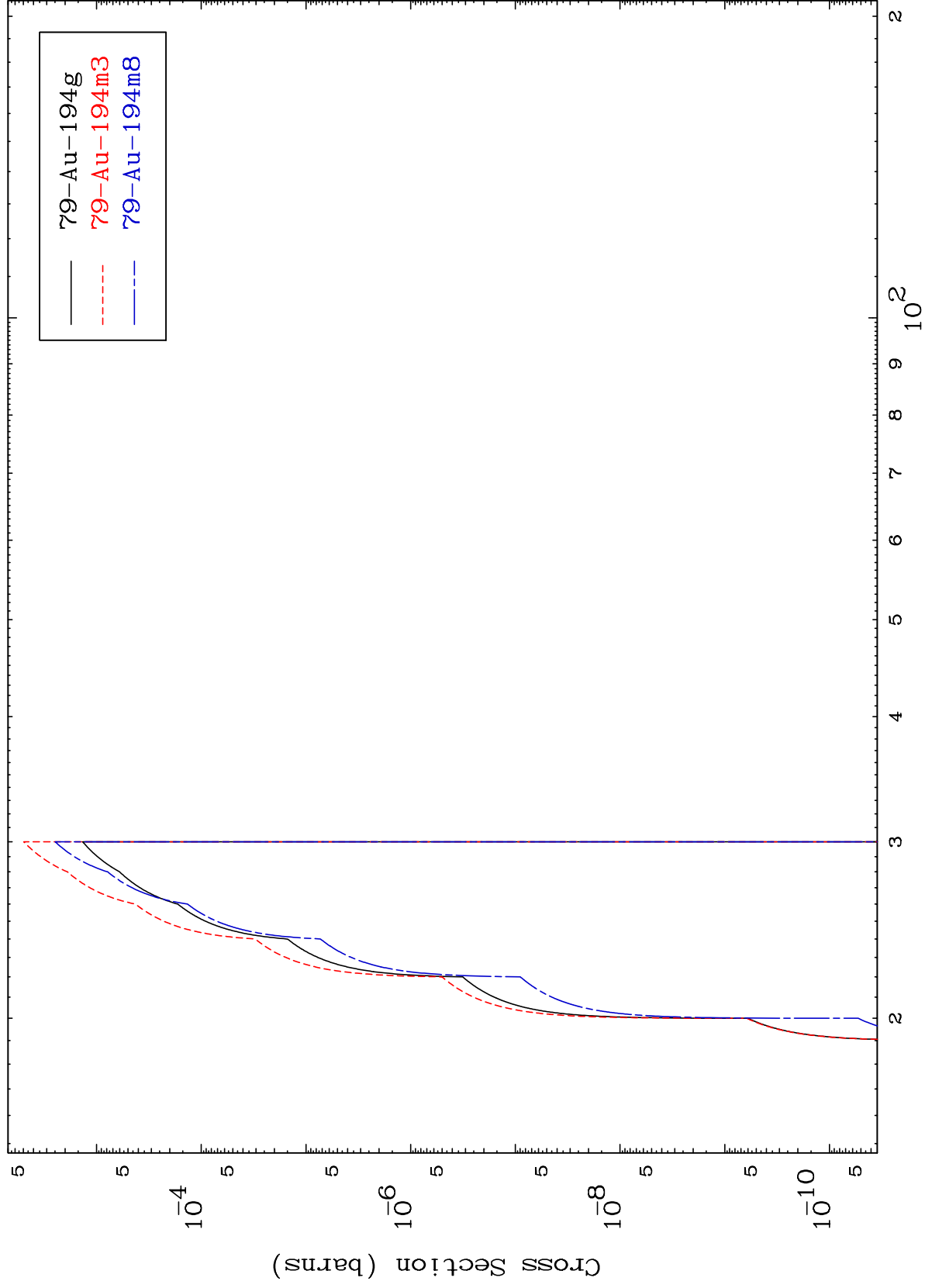


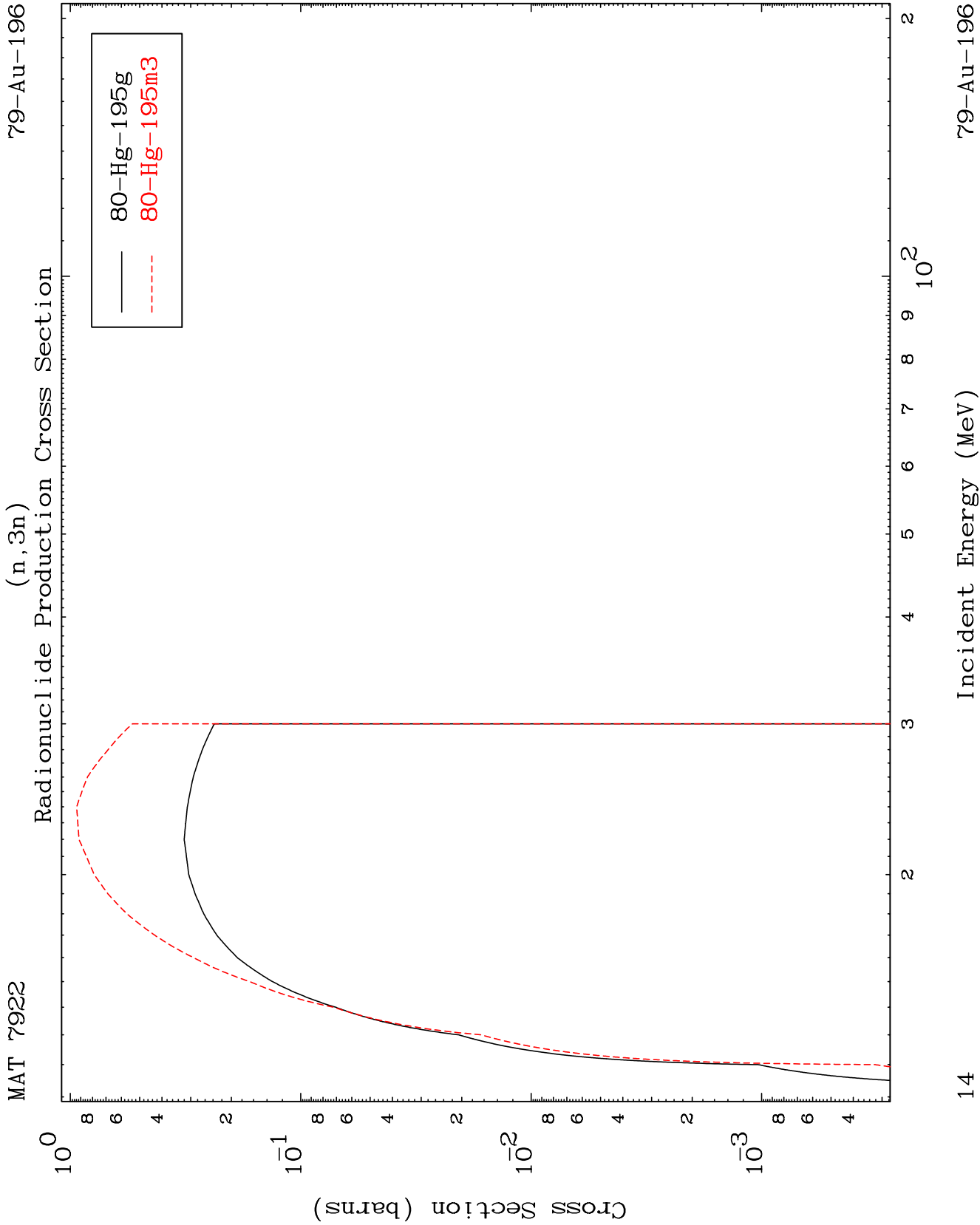
12

Incident Energy (MeV)

79-Au-196

(n,2n) d
Radionuclide Production Cross Section



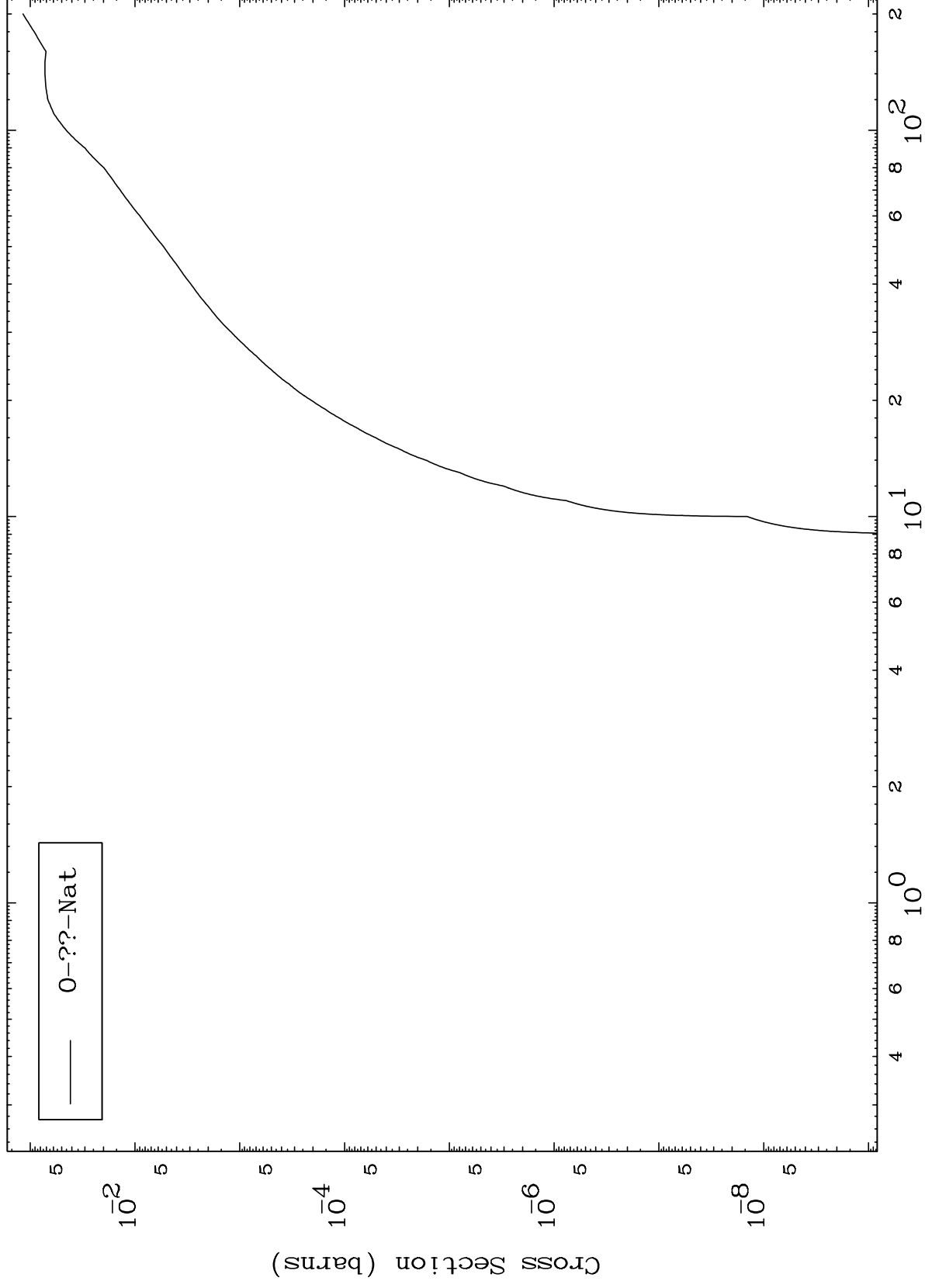


MAT 7922

Fission

⁷⁹Au-196

Radionuclide Production Cross Section

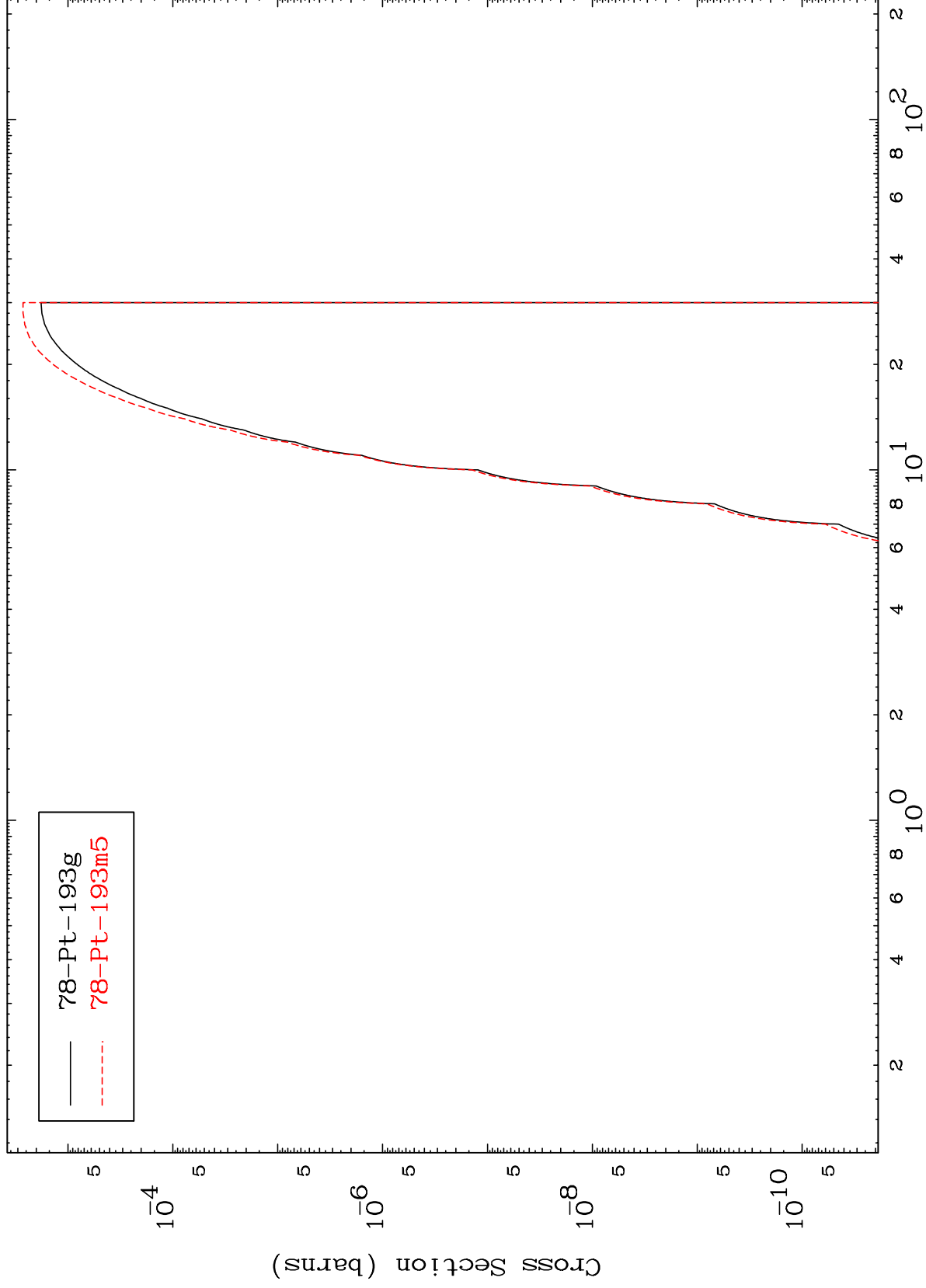


15

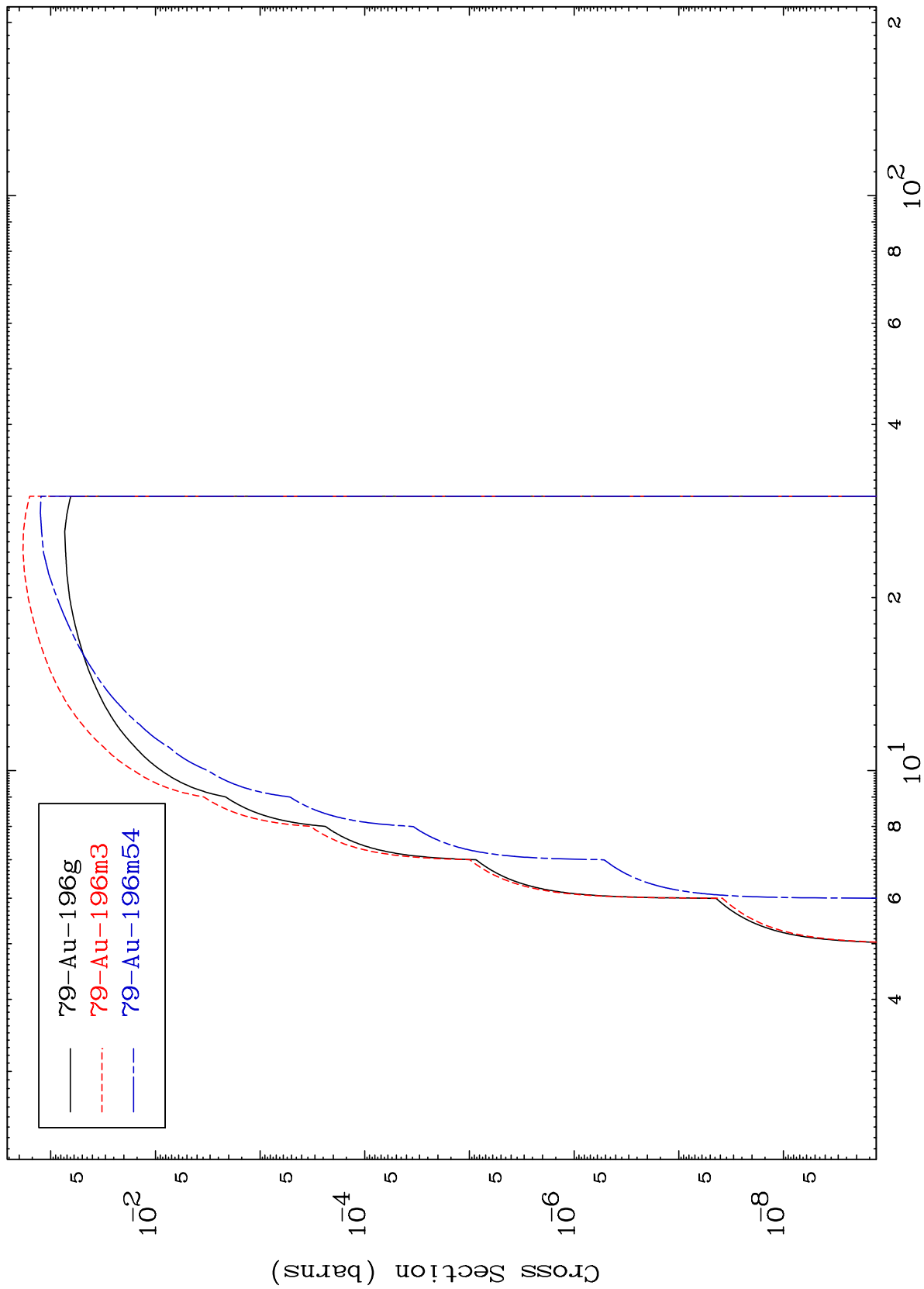
Incident Energy (MeV)

⁷⁹Au-196

Radionuclide Production Cross Section
(n,n') α



(n,n') p
Radionuclide Production Cross Section

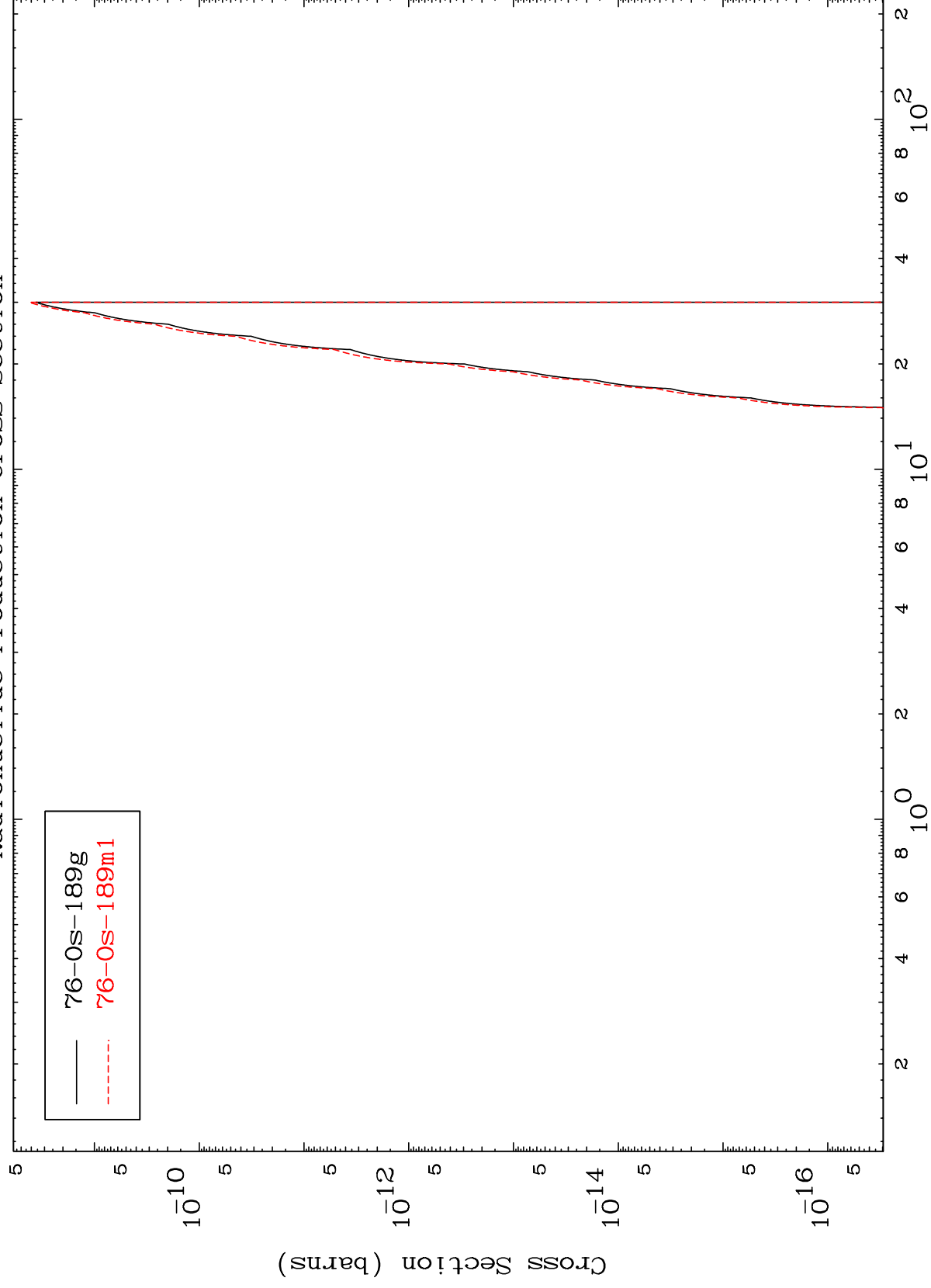


MAT 7922

(n,n') 2 α

79-Au-196

Radionuclide Production Cross Section



18

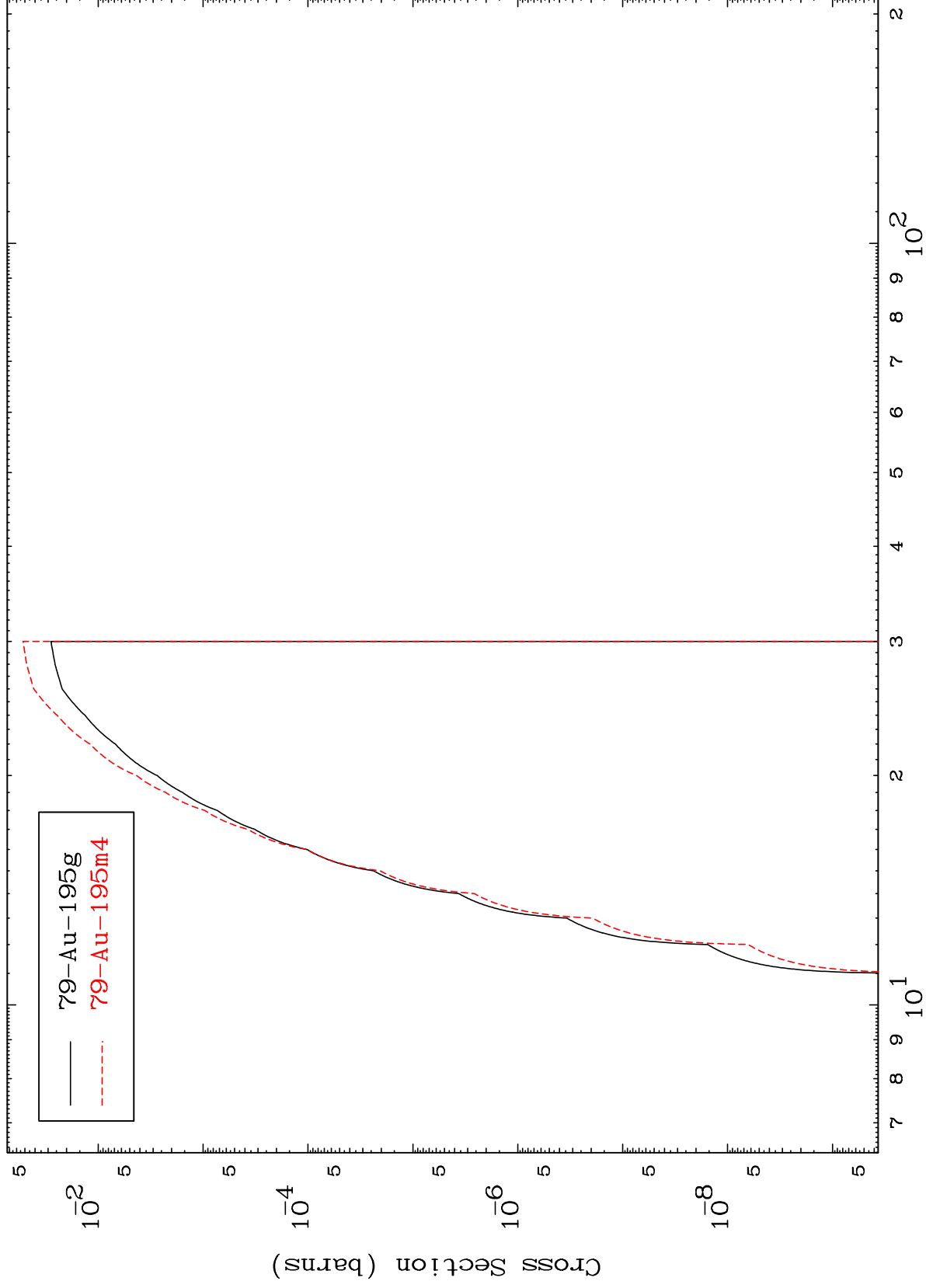
Incident Energy (MeV)

79-Au-196

MAT 7922

79-Au-196

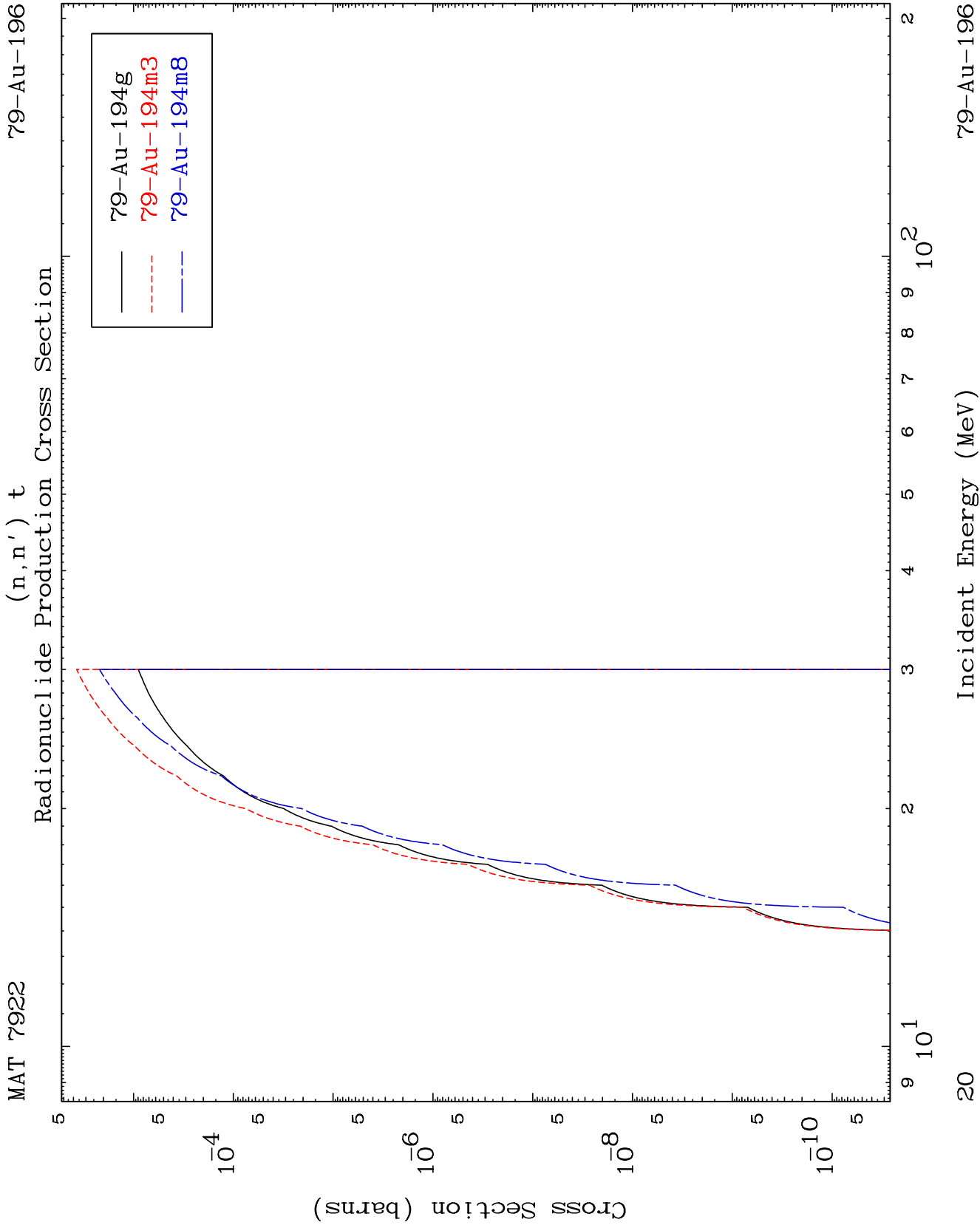
(n,n') d
Radionuclide Production Cross Section



19

Incident Energy (MeV)

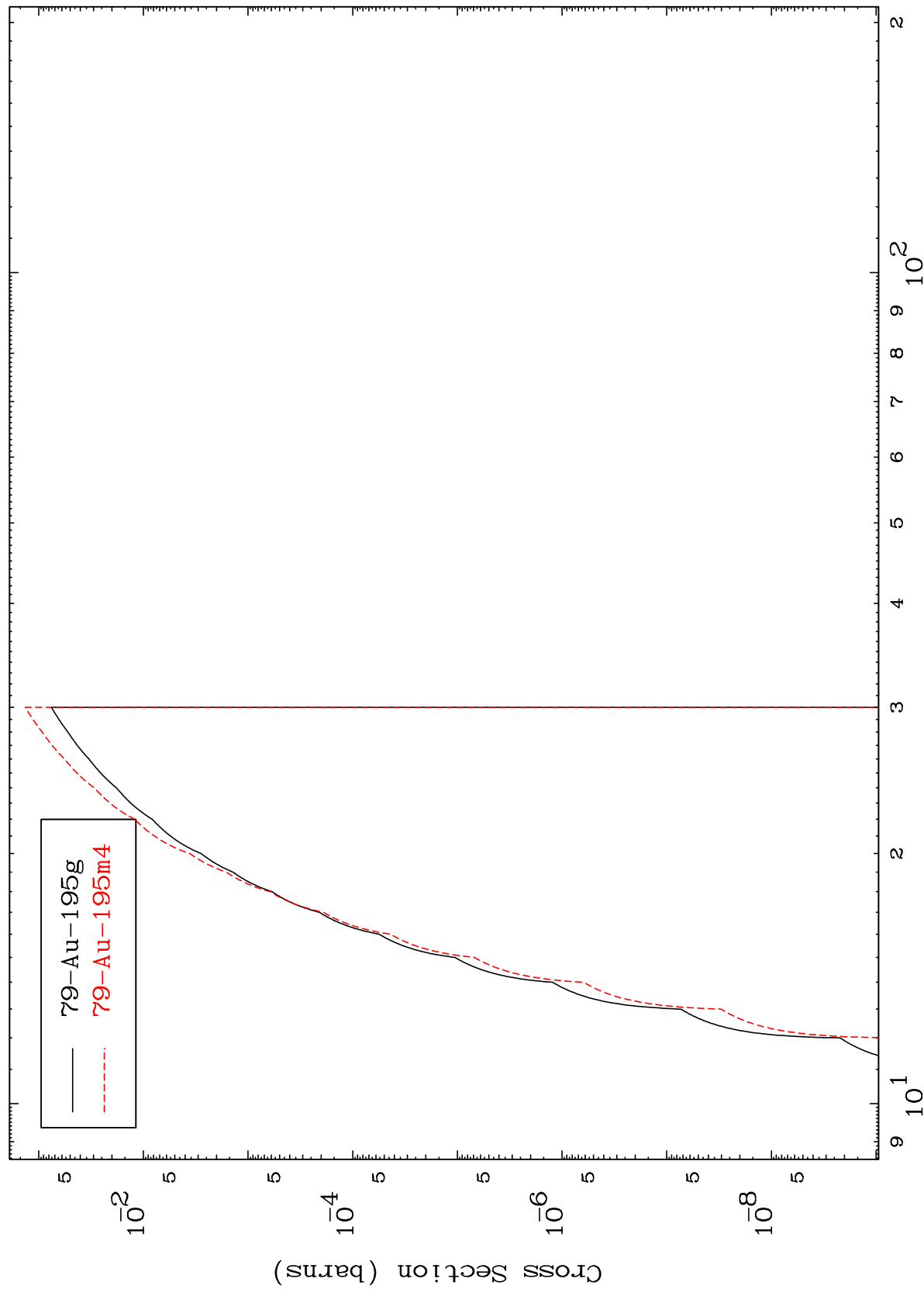
79-Au-196



MAT 7922

79-Au-196

(n,2n) p
Radionuclide Production Cross Section

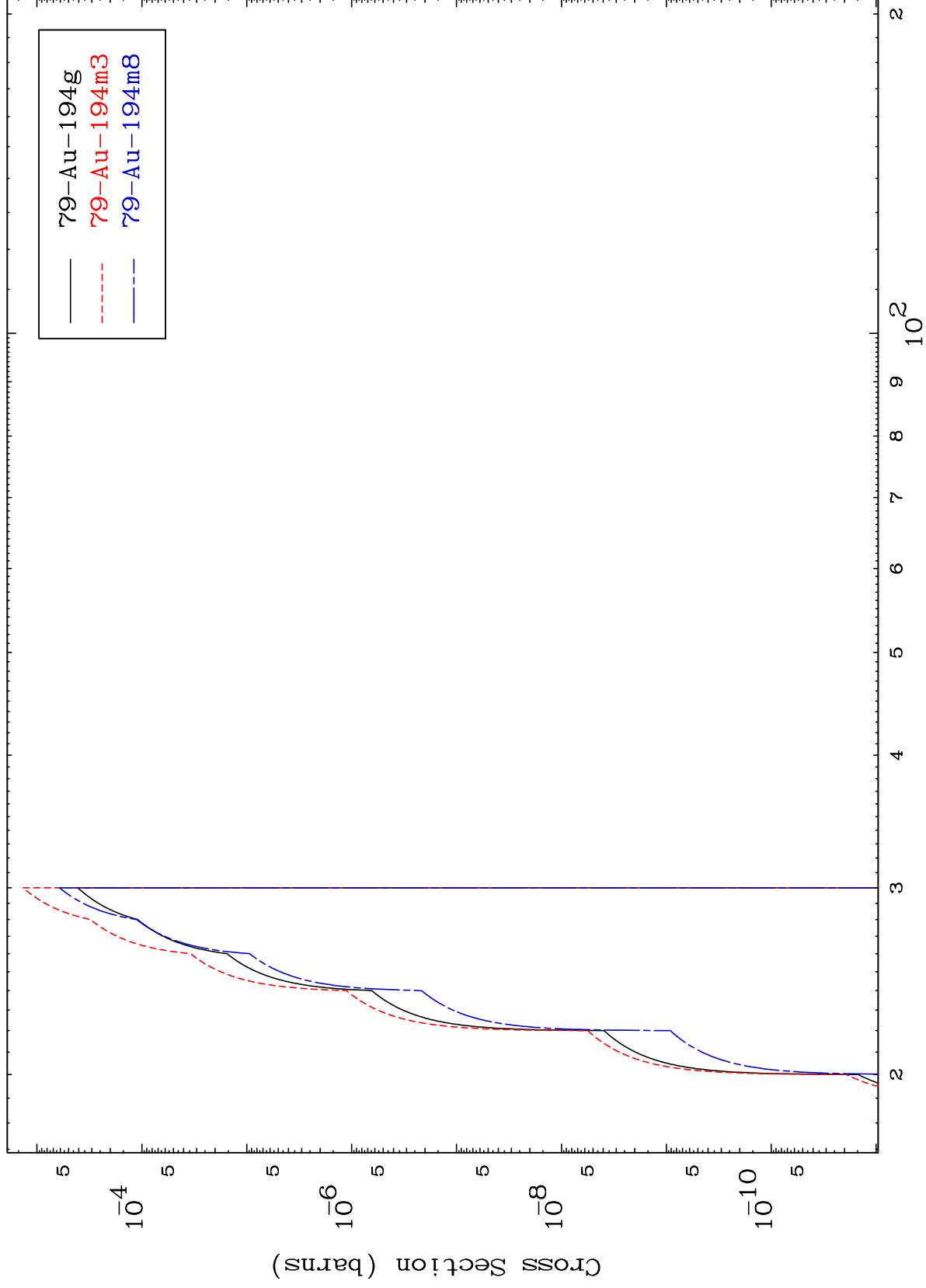


79-Au-196

Incident Energy (MeV)

21

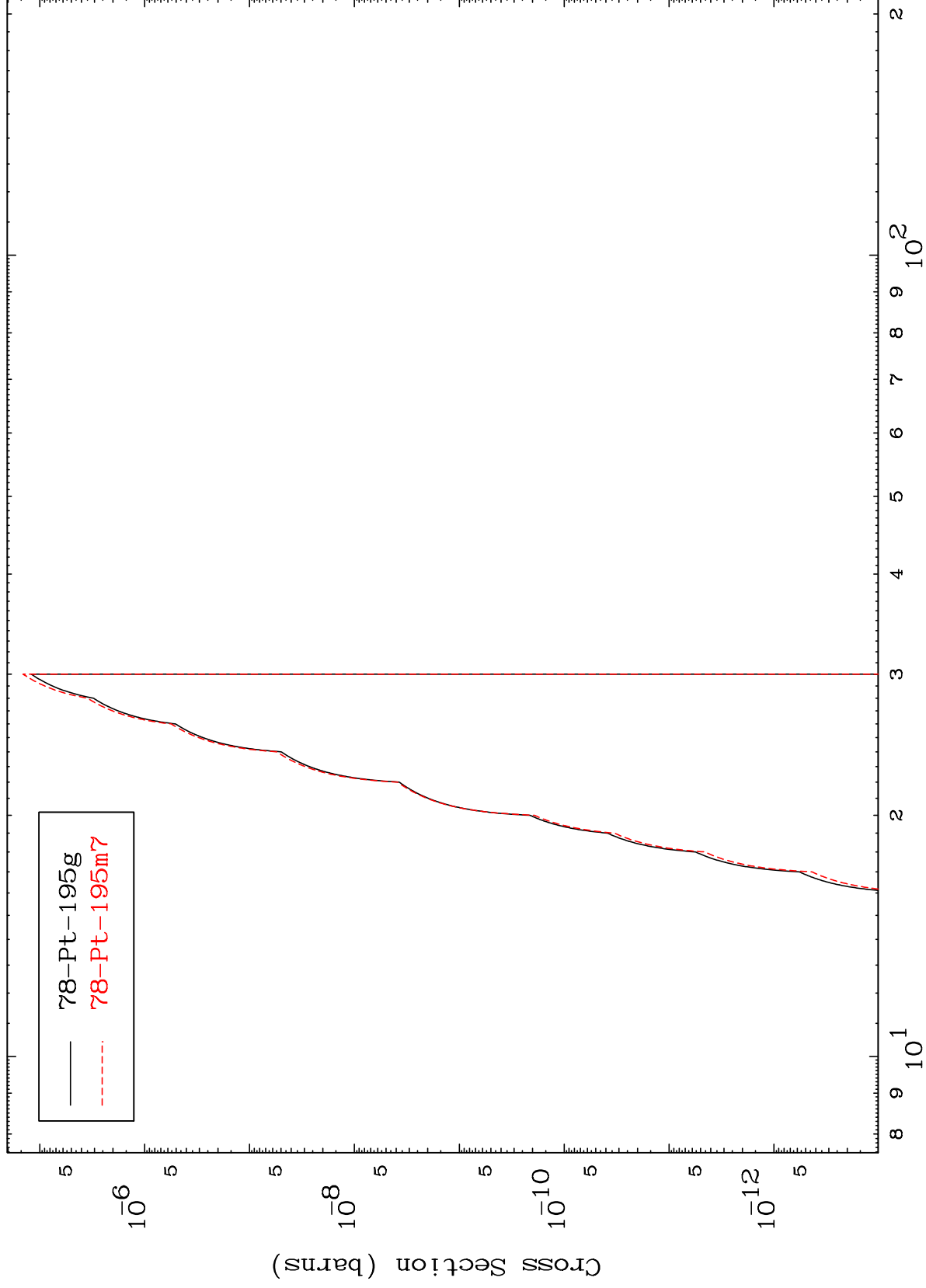
(n,3n) p
Radionuclide Production Cross Section



MAT 7922

79-Au-196

(n,2n) p
Radionuclide Production Cross Section



79-Au-196

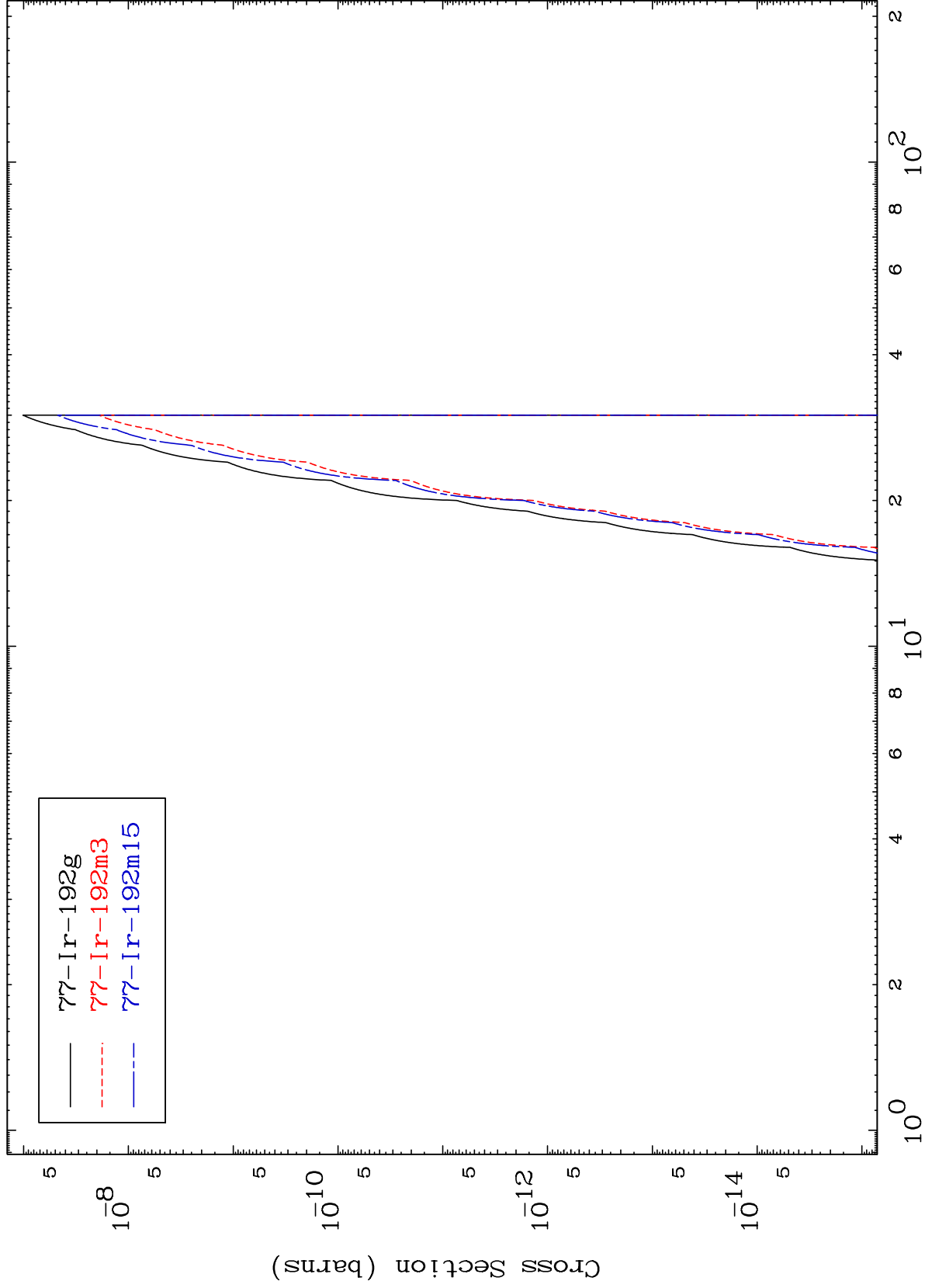
Incident Energy (MeV)

23

MAT 7922

79-Au-196

(n,n') p α
Radionuclide Production Cross Section

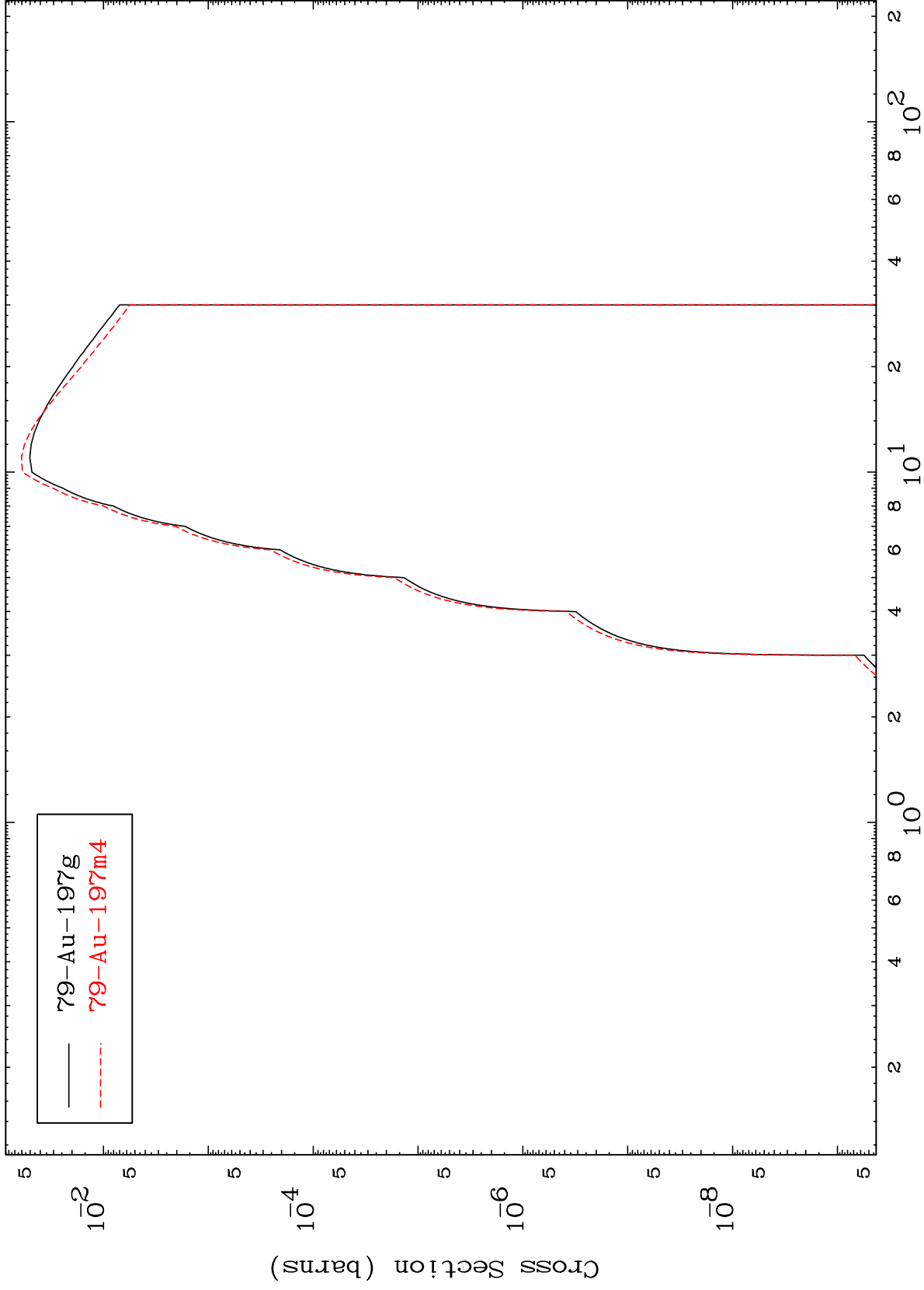


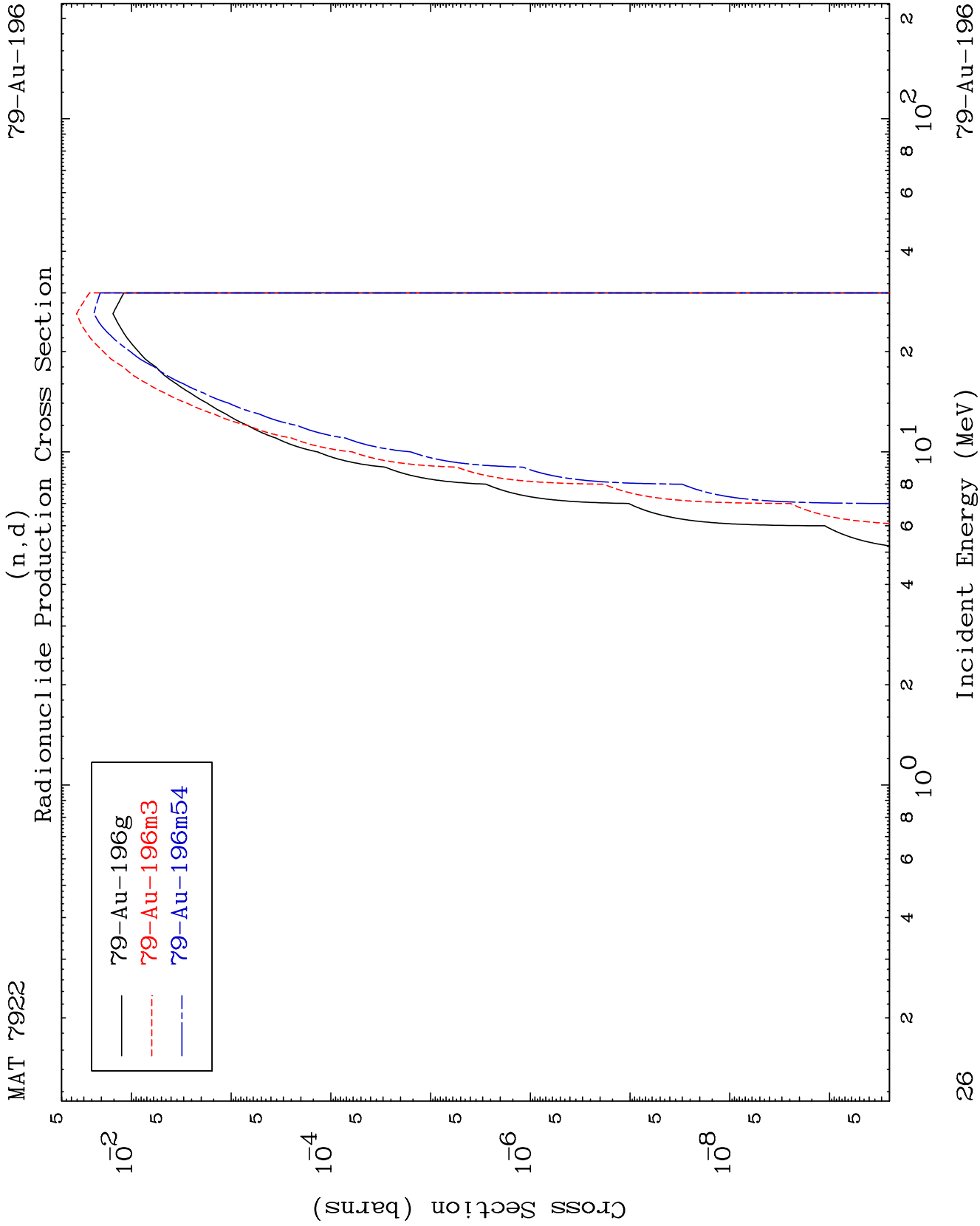
79-Au-196

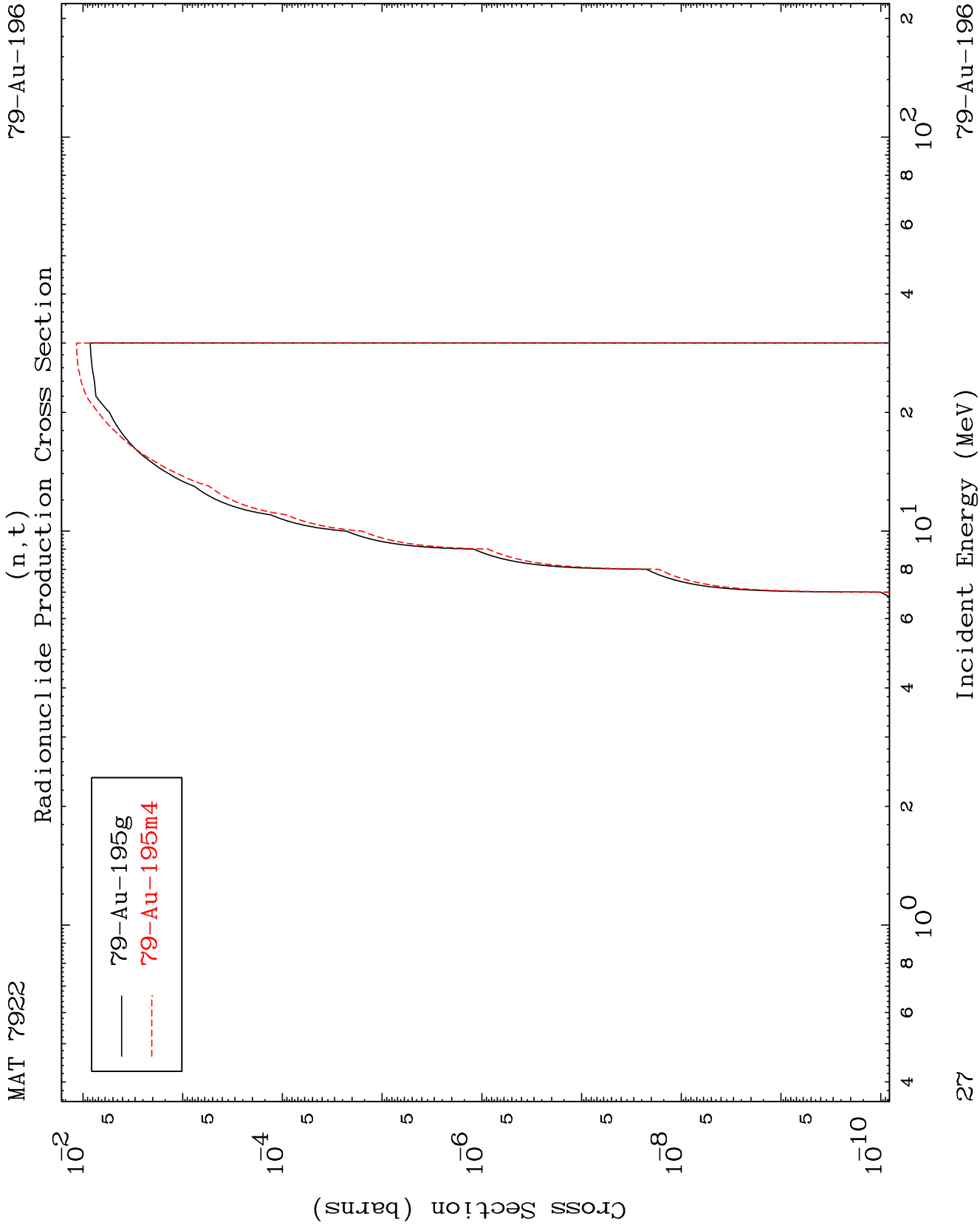
Incident Energy (MeV)

24

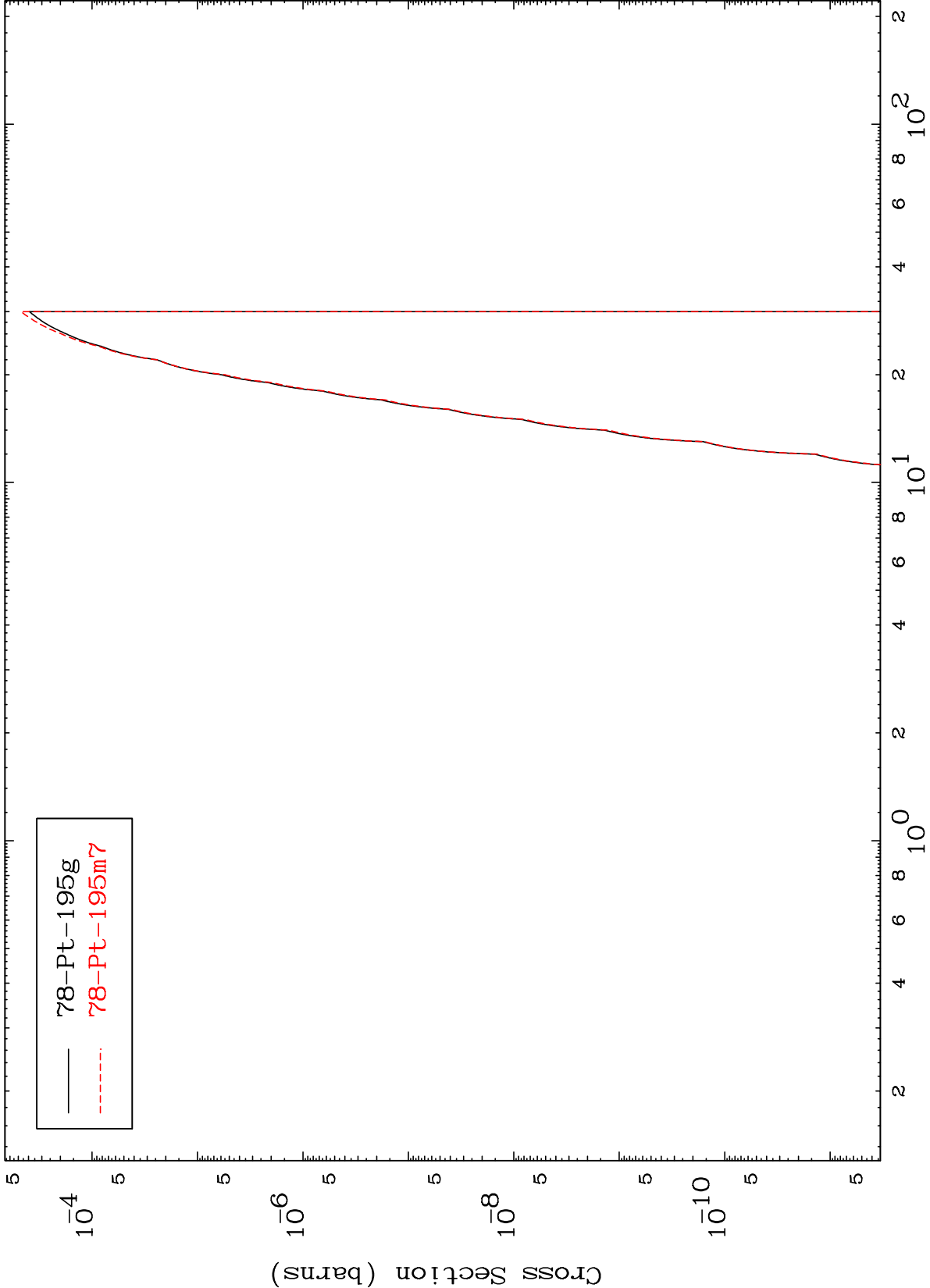
(n,p)
Radionuclide Production Cross Section



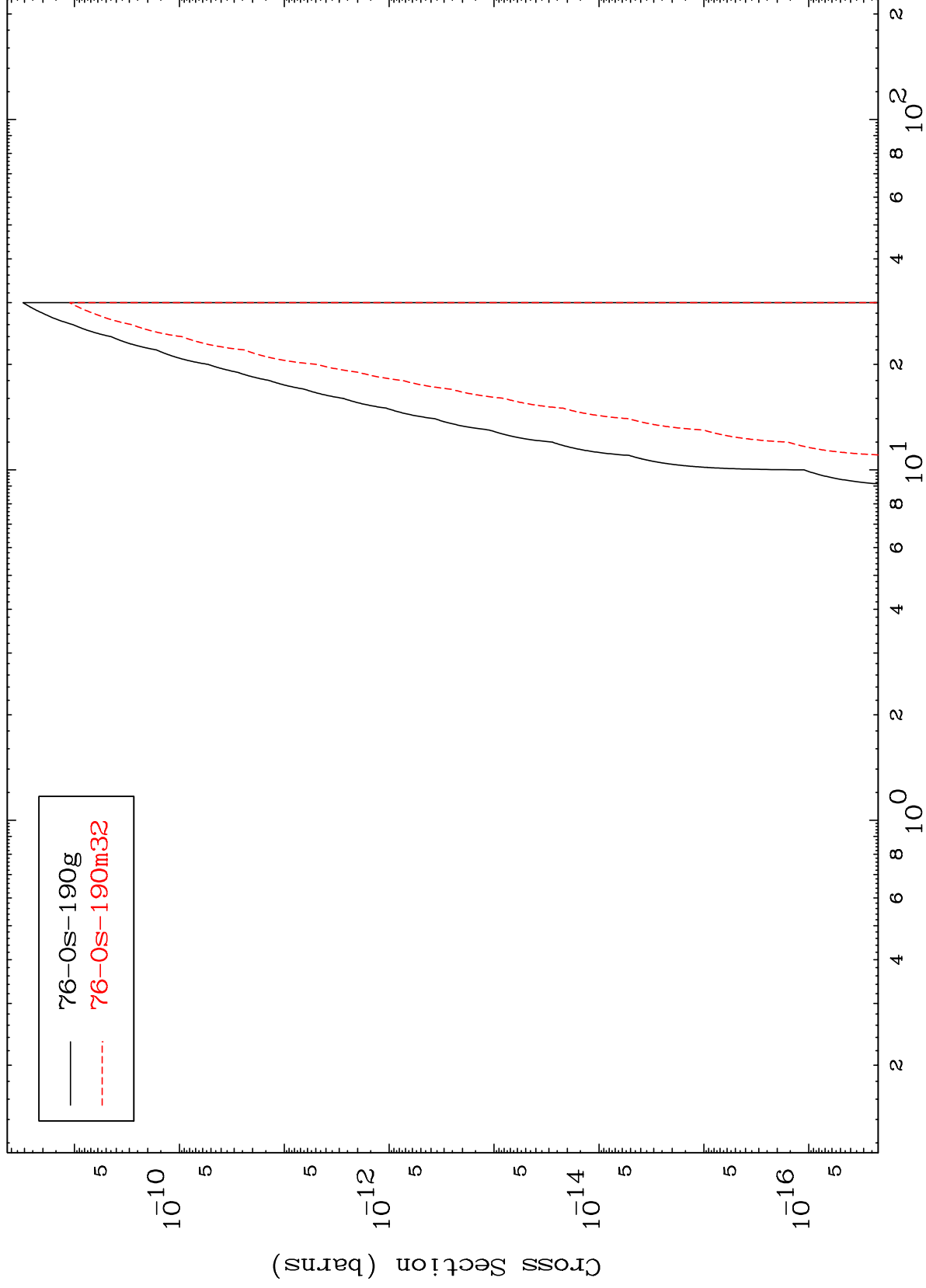




Radionuclide Production Cross Section



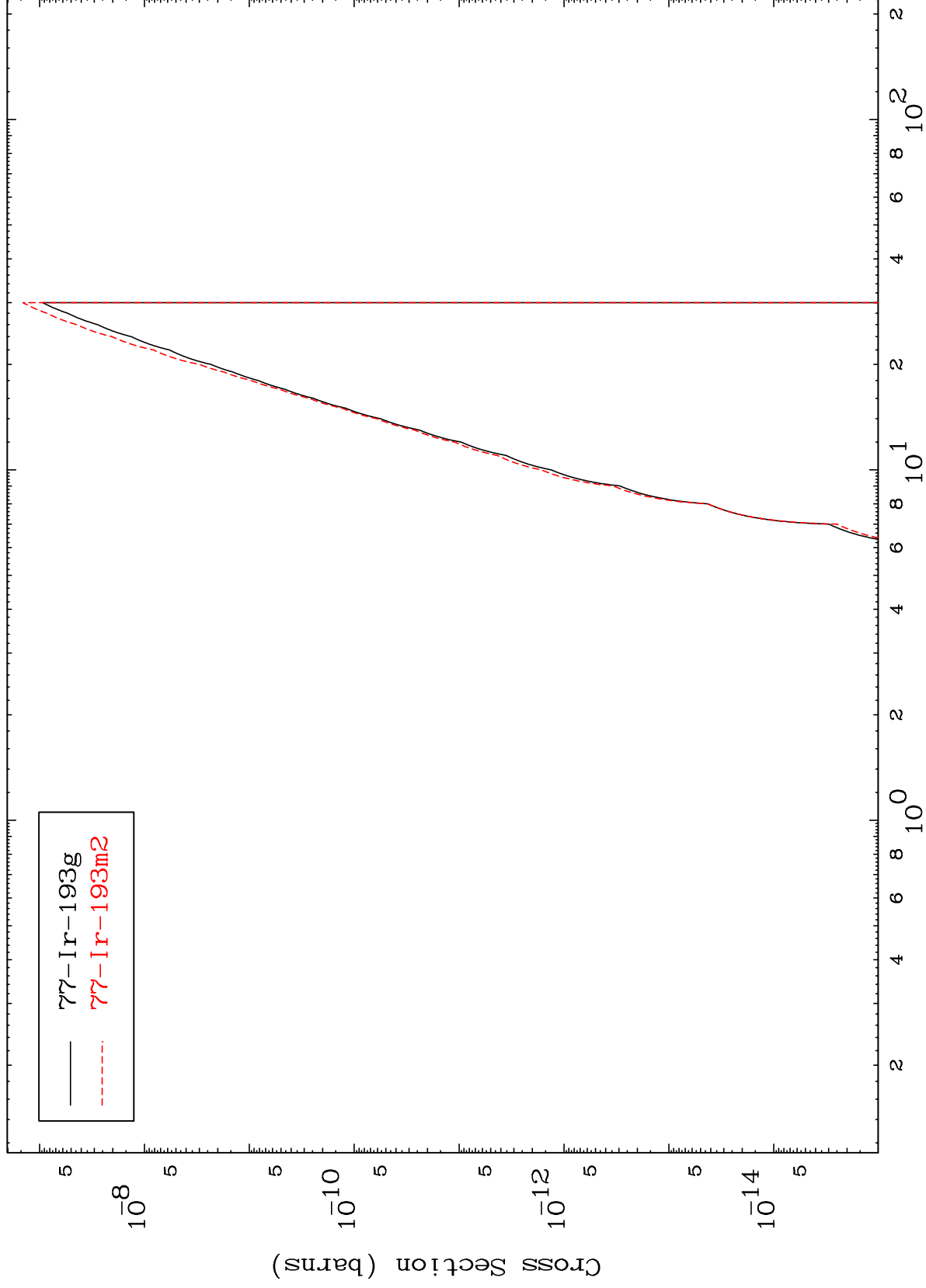
Radionuclide Production Cross Section
(n,2α)



MAT 7922

79-Au-196

(n,p) α
Radionuclide Production Cross Section

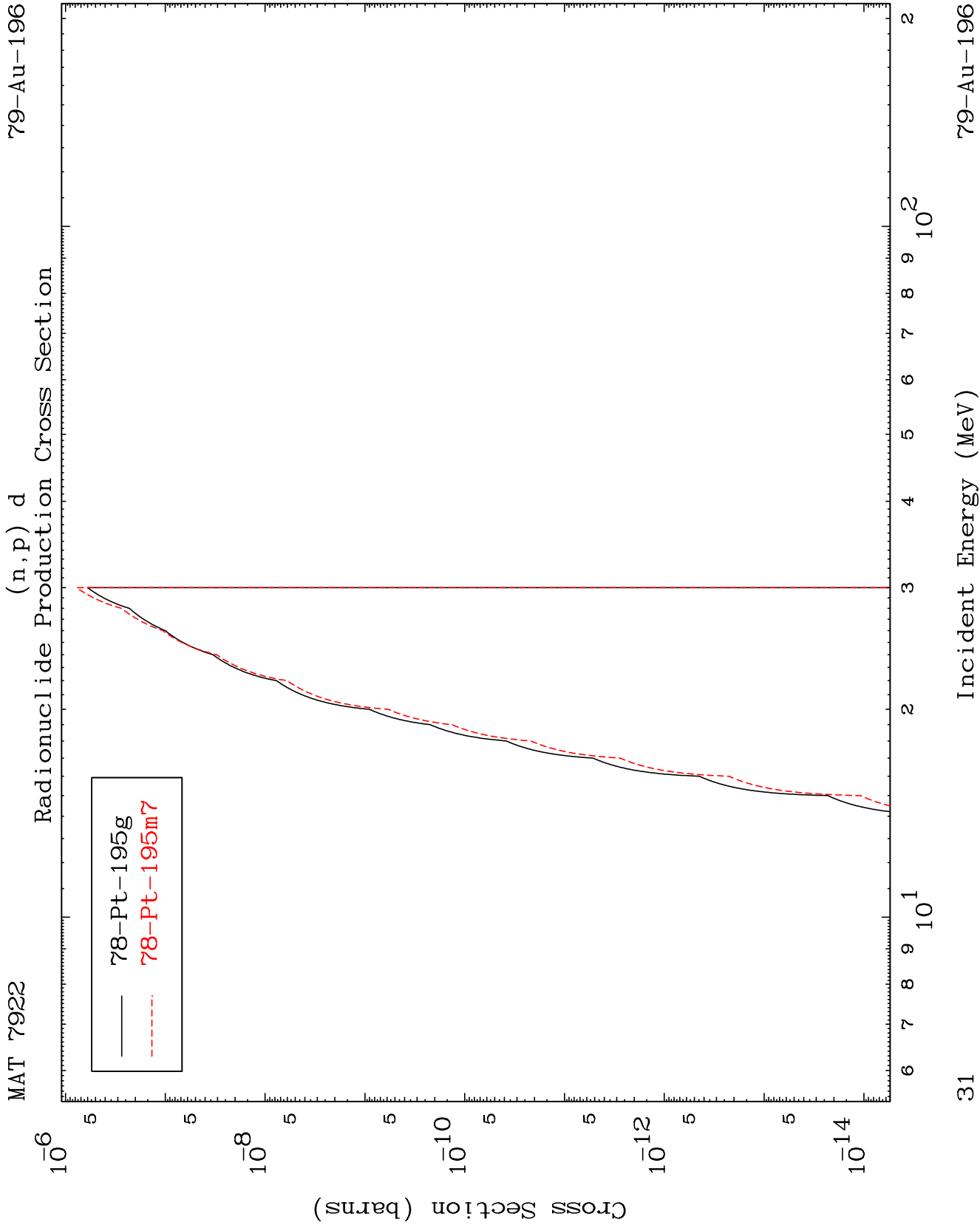


77-Ir-193g
77-Ir-193m2

79-Au-196

Incident Energy (MeV)

30



Radionuclide Production Cross Section
(n,d) α

