

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

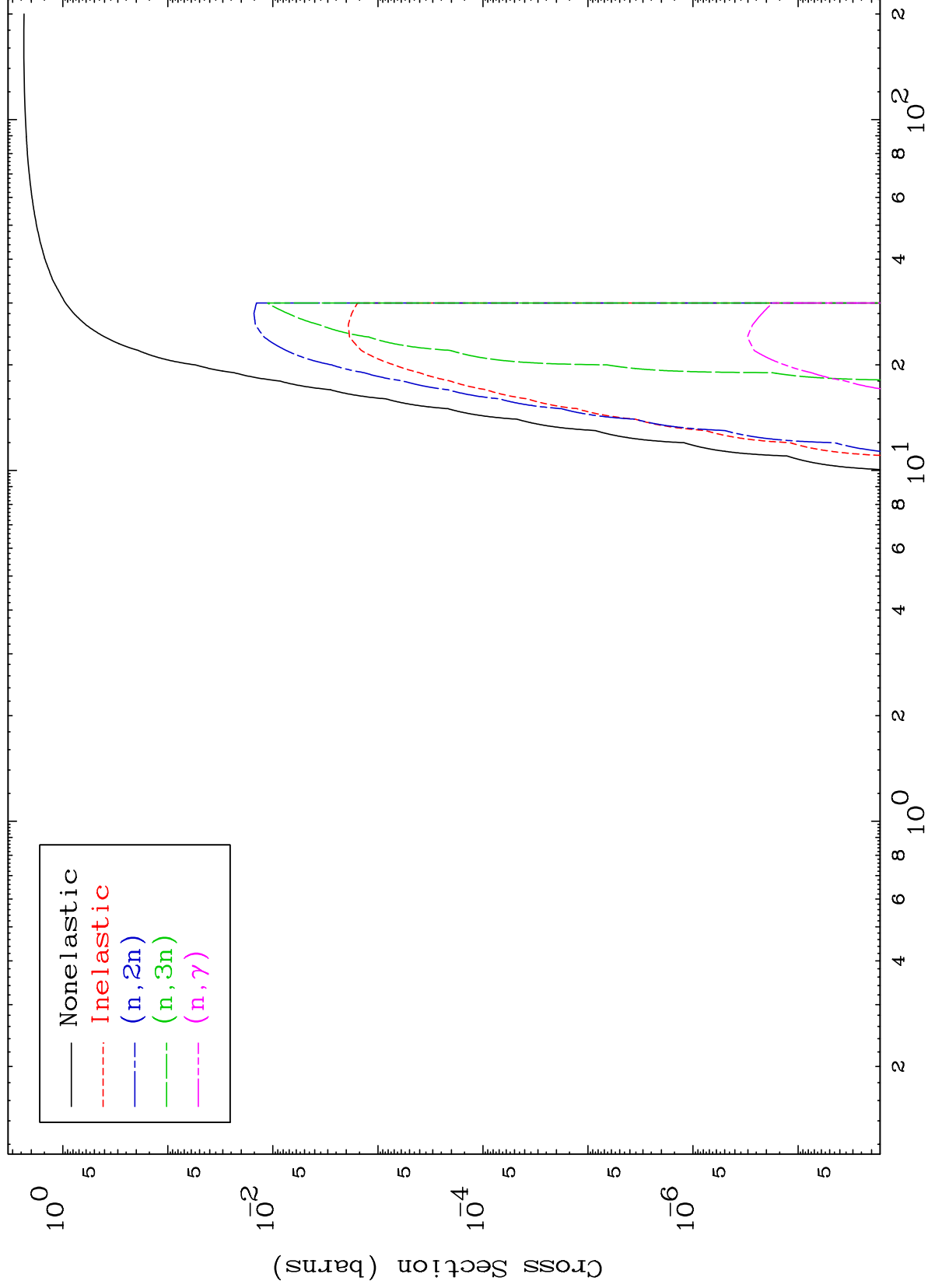
Press Mouse Button to Start

MAT 7904

He-3 Major

79-Au-190

0 Kelvin Cross Sections



1

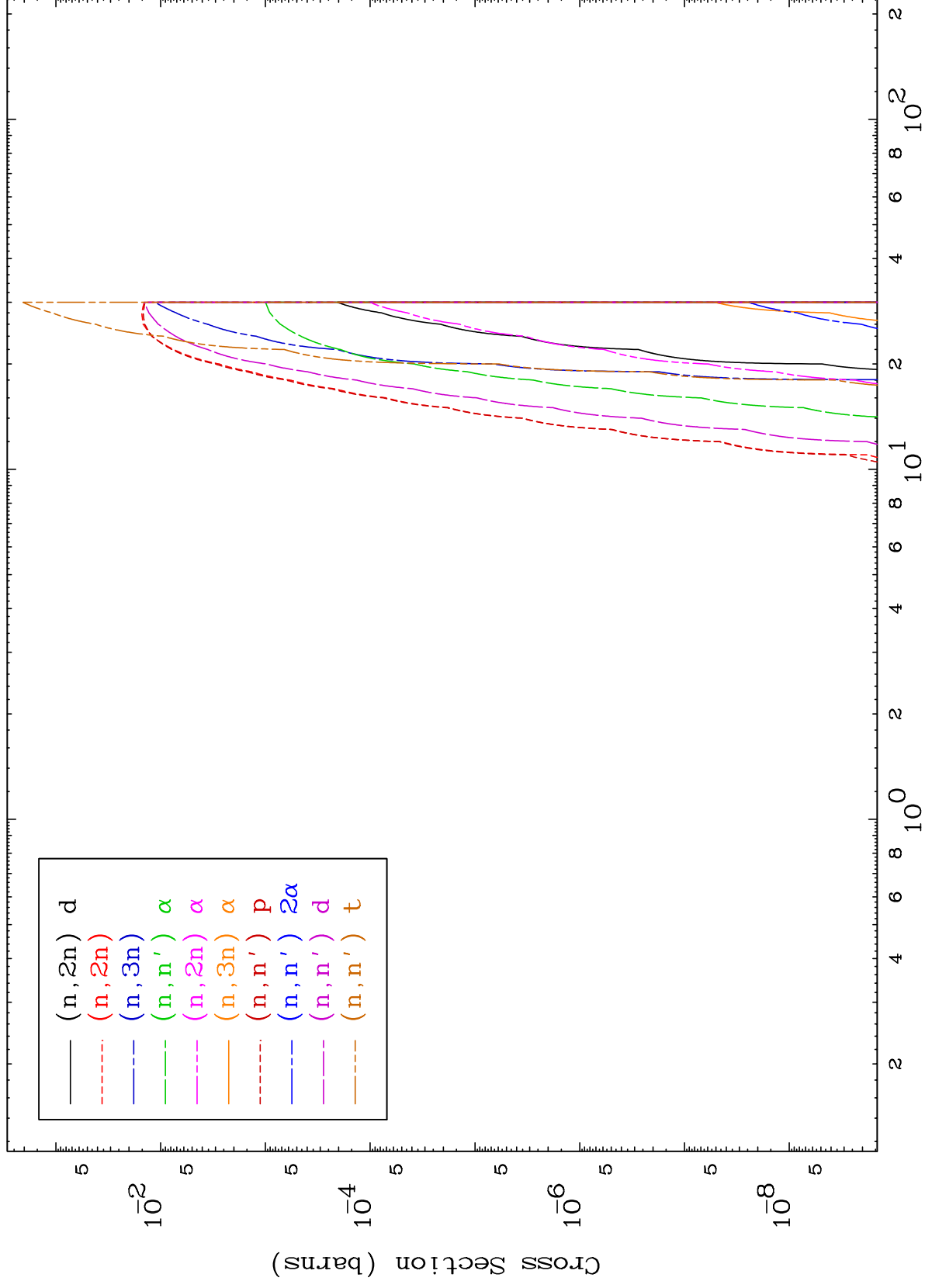
Incident Energy (MeV)

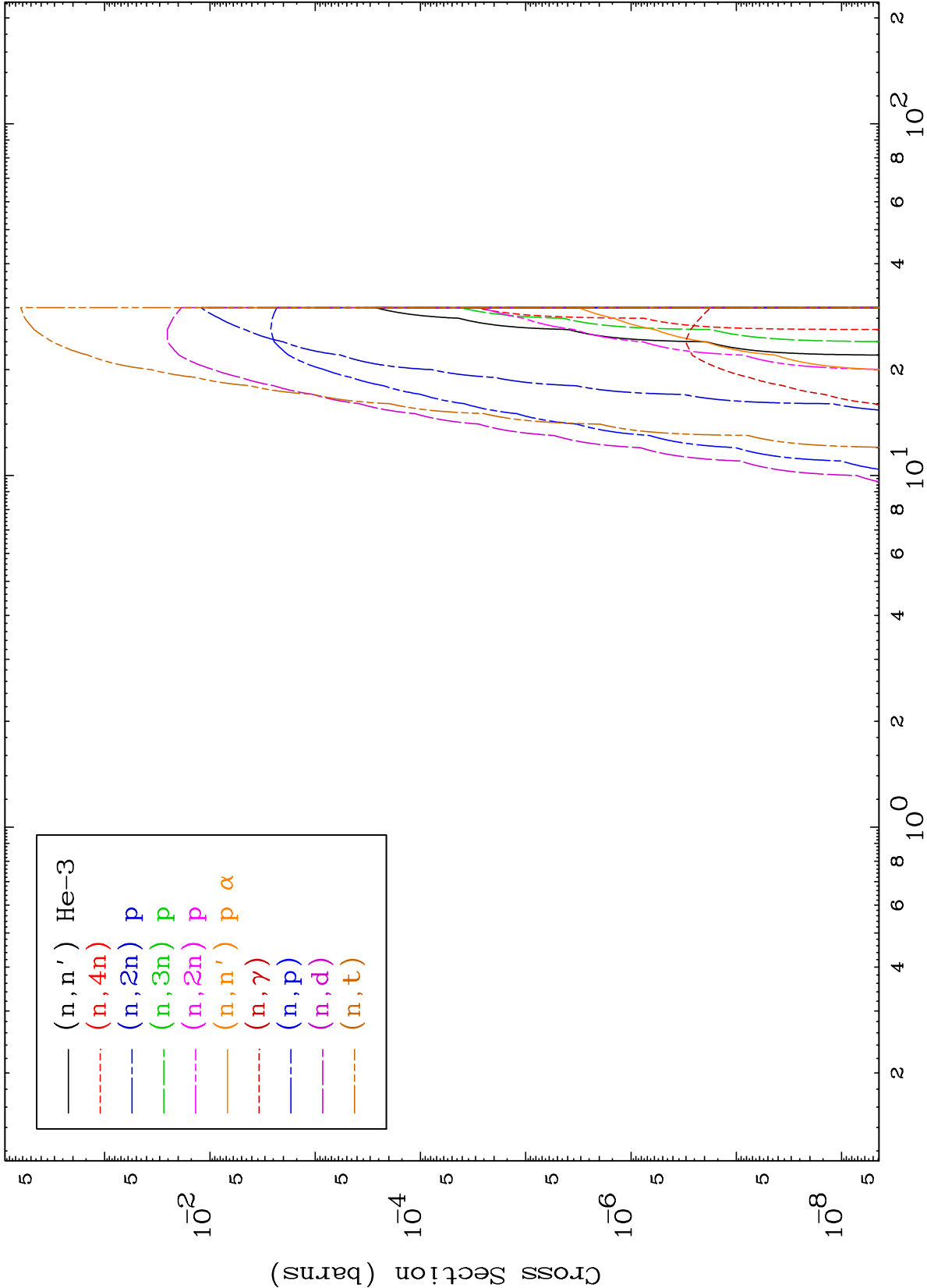
79-Au-190

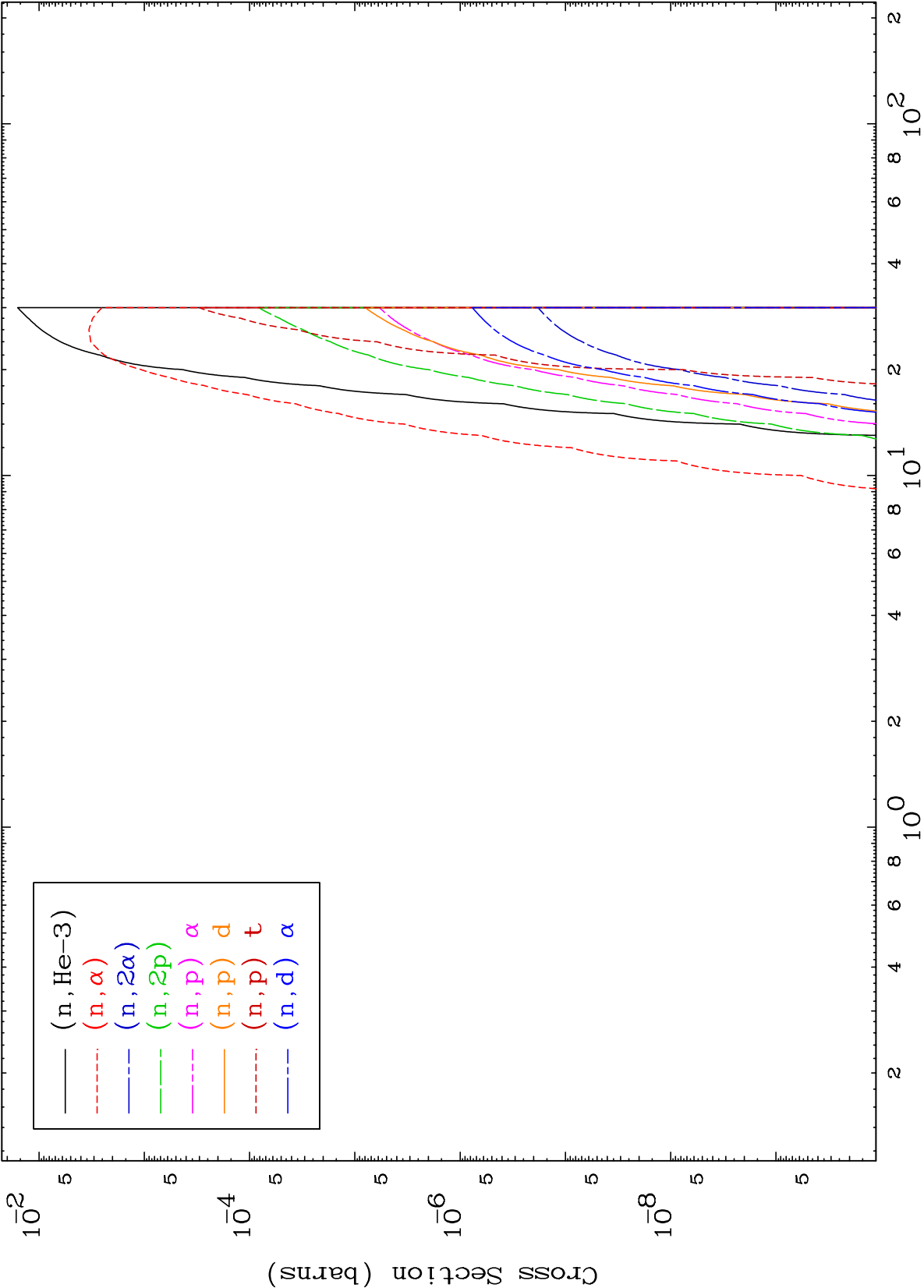
MAT 7904

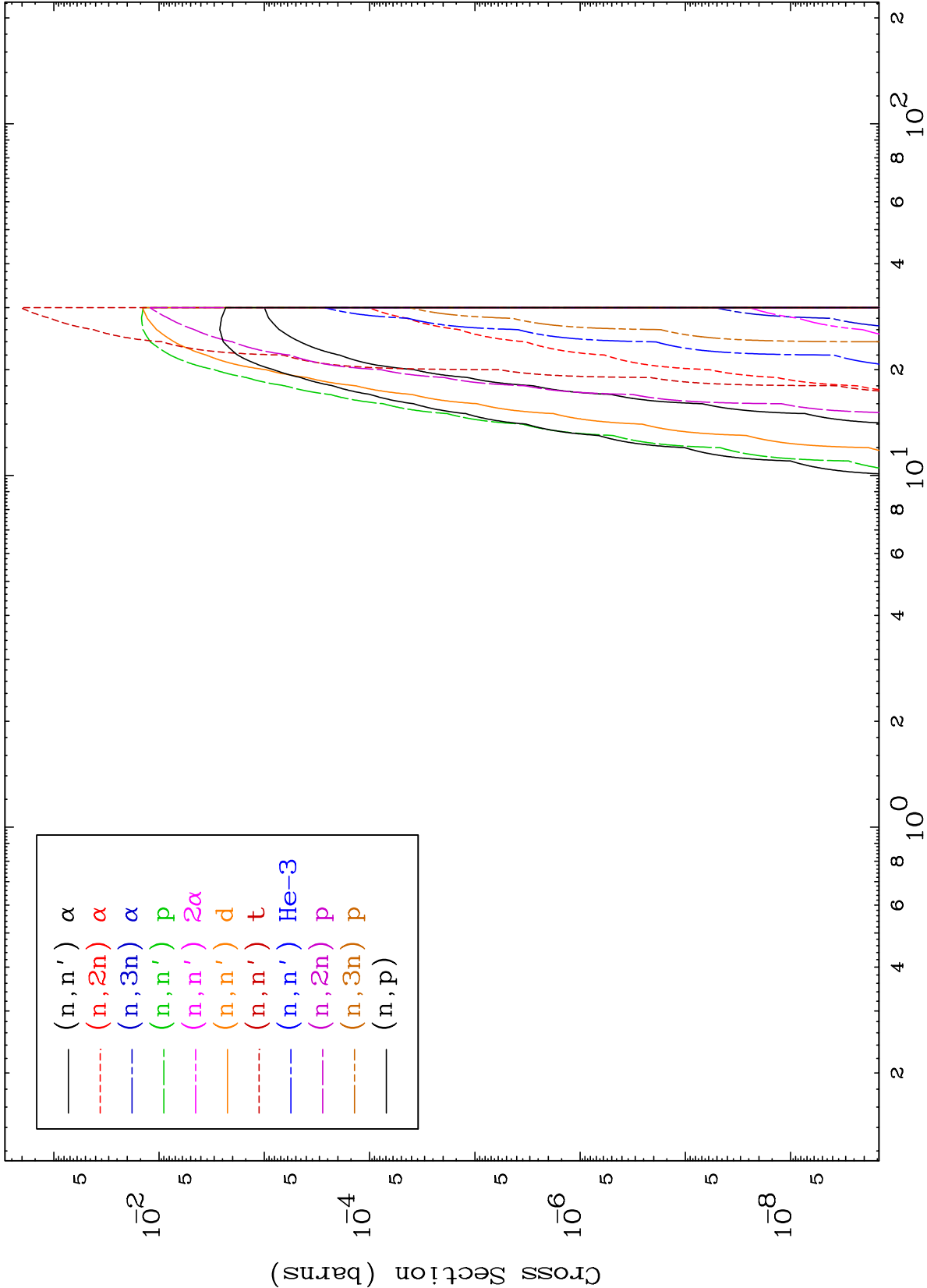
He-3 Neutron Absorption
0 Kelvin Cross Sections

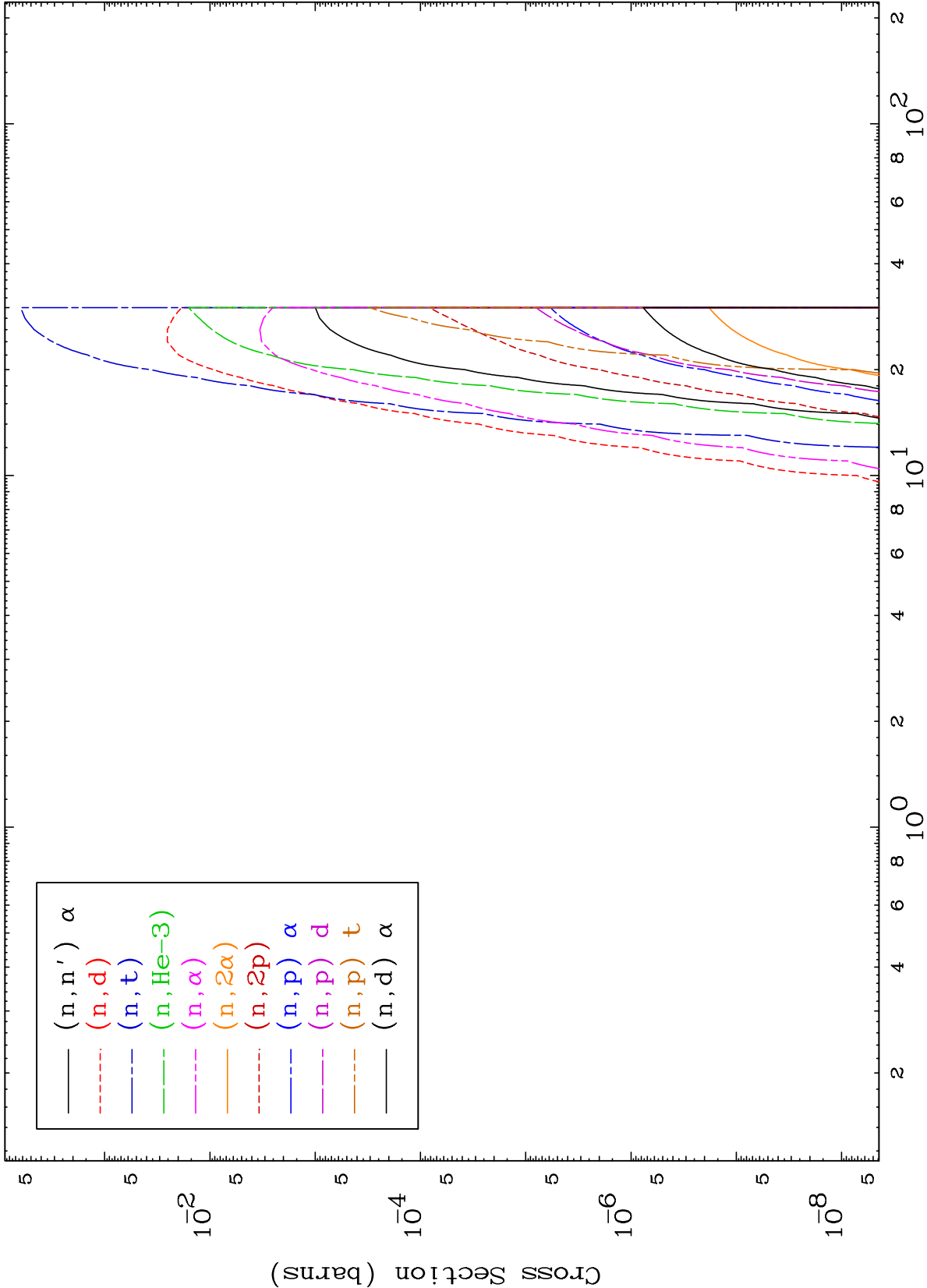
79-Au-190







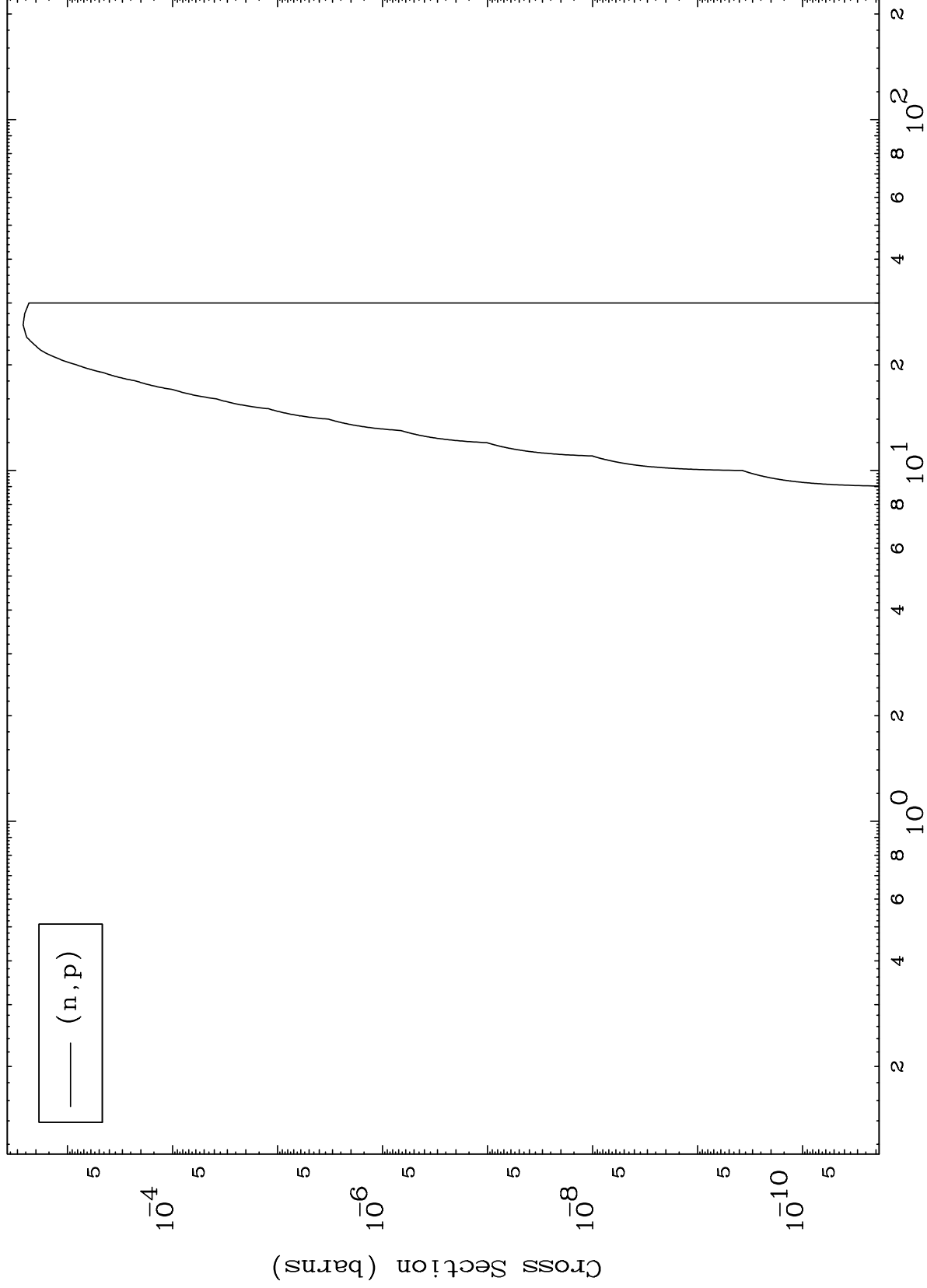




MAT 7904

79-Au-190

(He-3,p) Levels
0 Kelvin Cross Sections



7

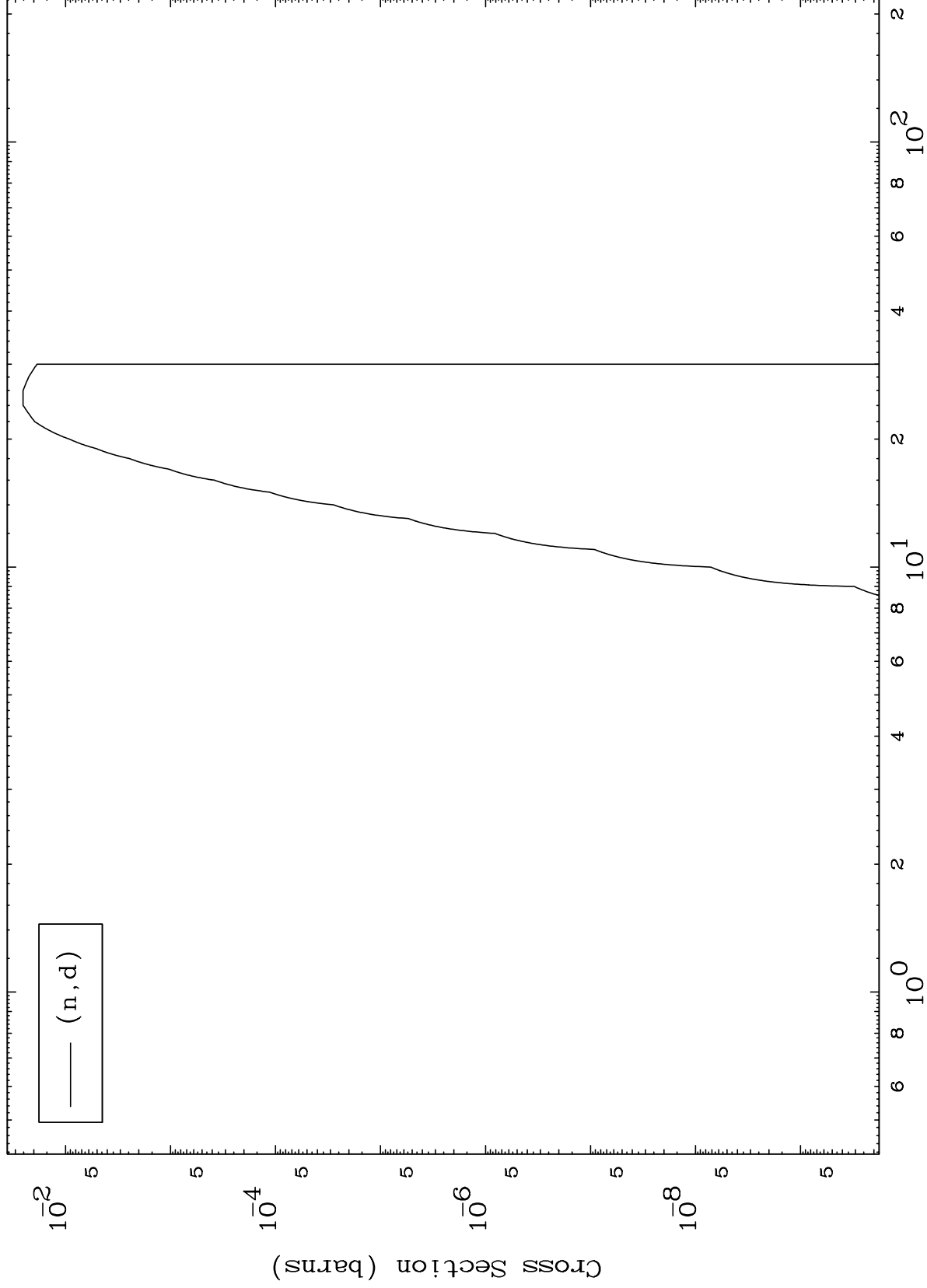
Incident Energy (MeV)

79-Au-190

MAT 7904

79-Au-190

(He-3,d) Levels
0 Kelvin Cross Sections



79-Au-190

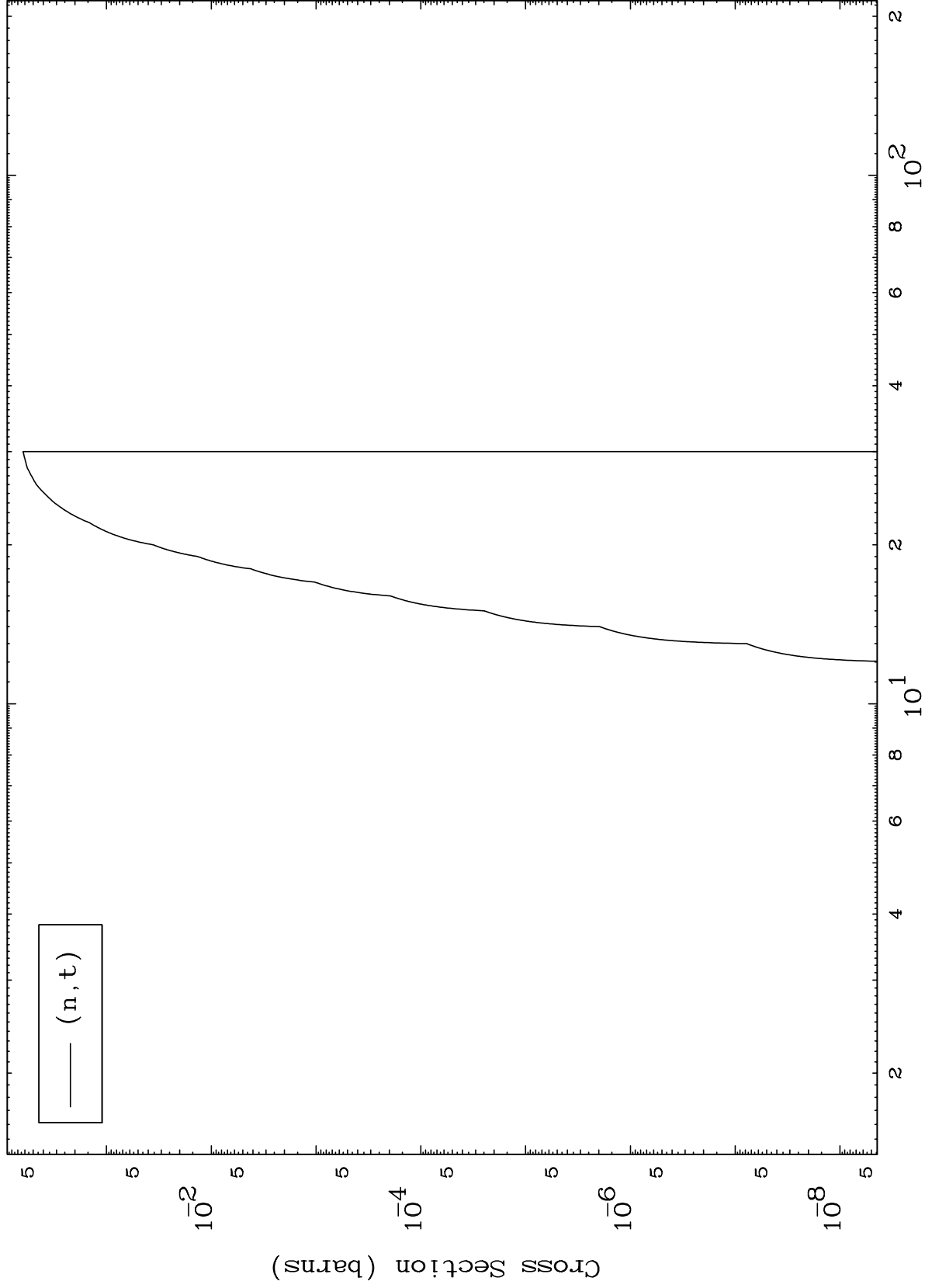
Incident Energy (MeV)

8

MAT 7904

79-Au-190

(He-3,t) Levels
0 Kelvin Cross Sections



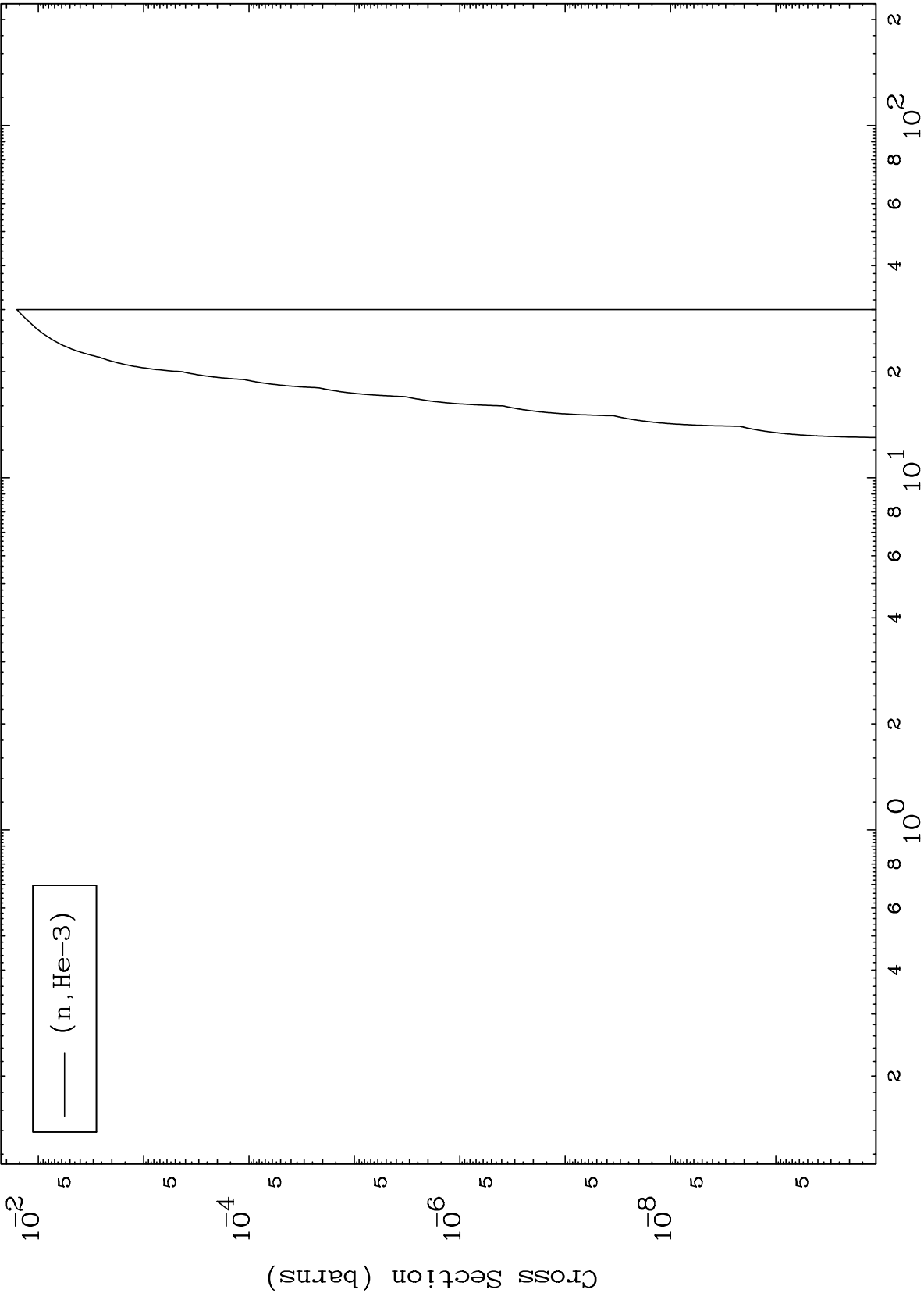
— (n,t)

MAT 7904

(He-3,He3) Levels

79-Au-190

0 Kelvin Cross Sections



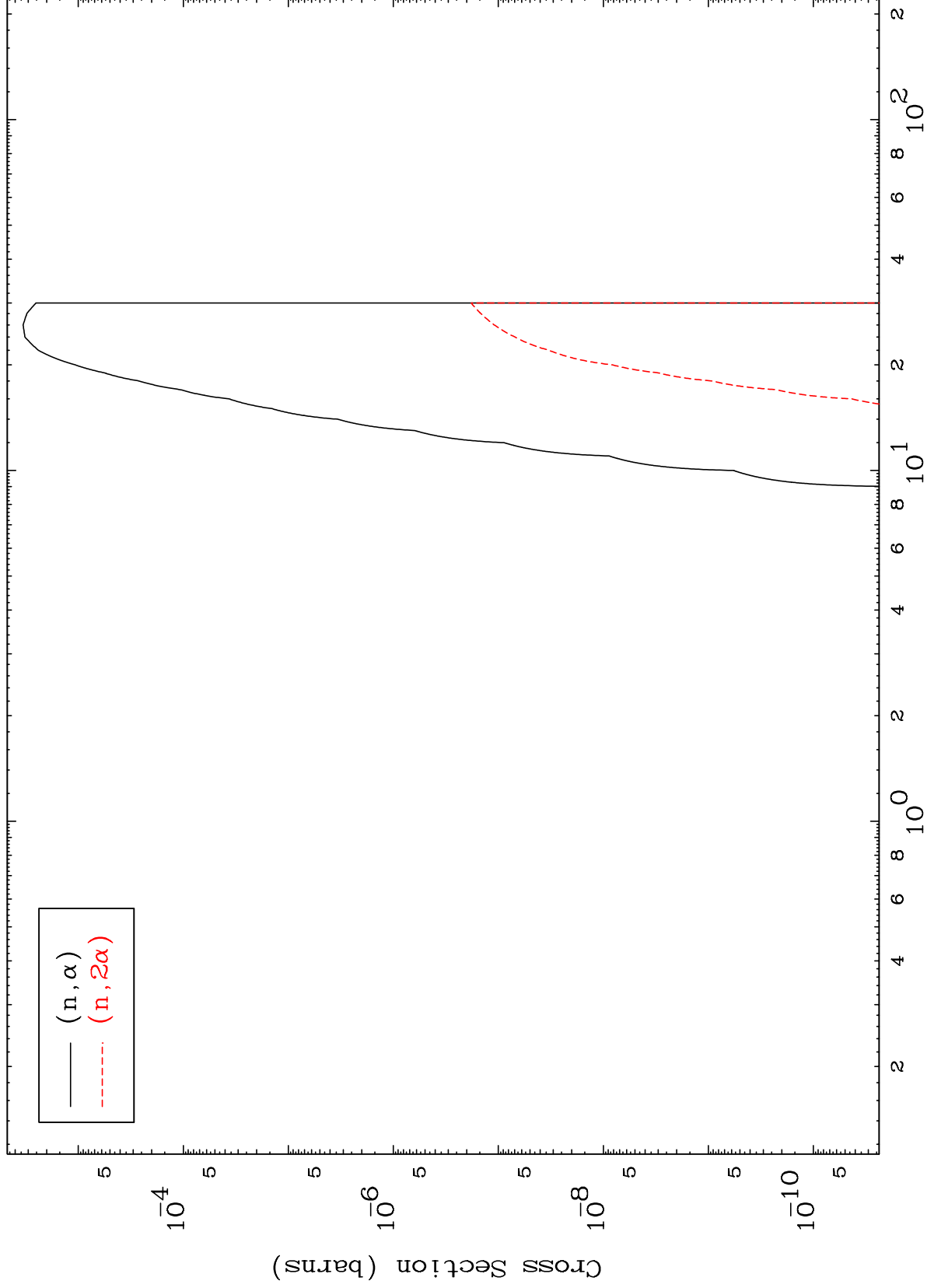
— (n, He-3)

10

Incident Energy (MeV)

79-Au-190

(He-3, α) Levels
0 Kelvin Cross Sections

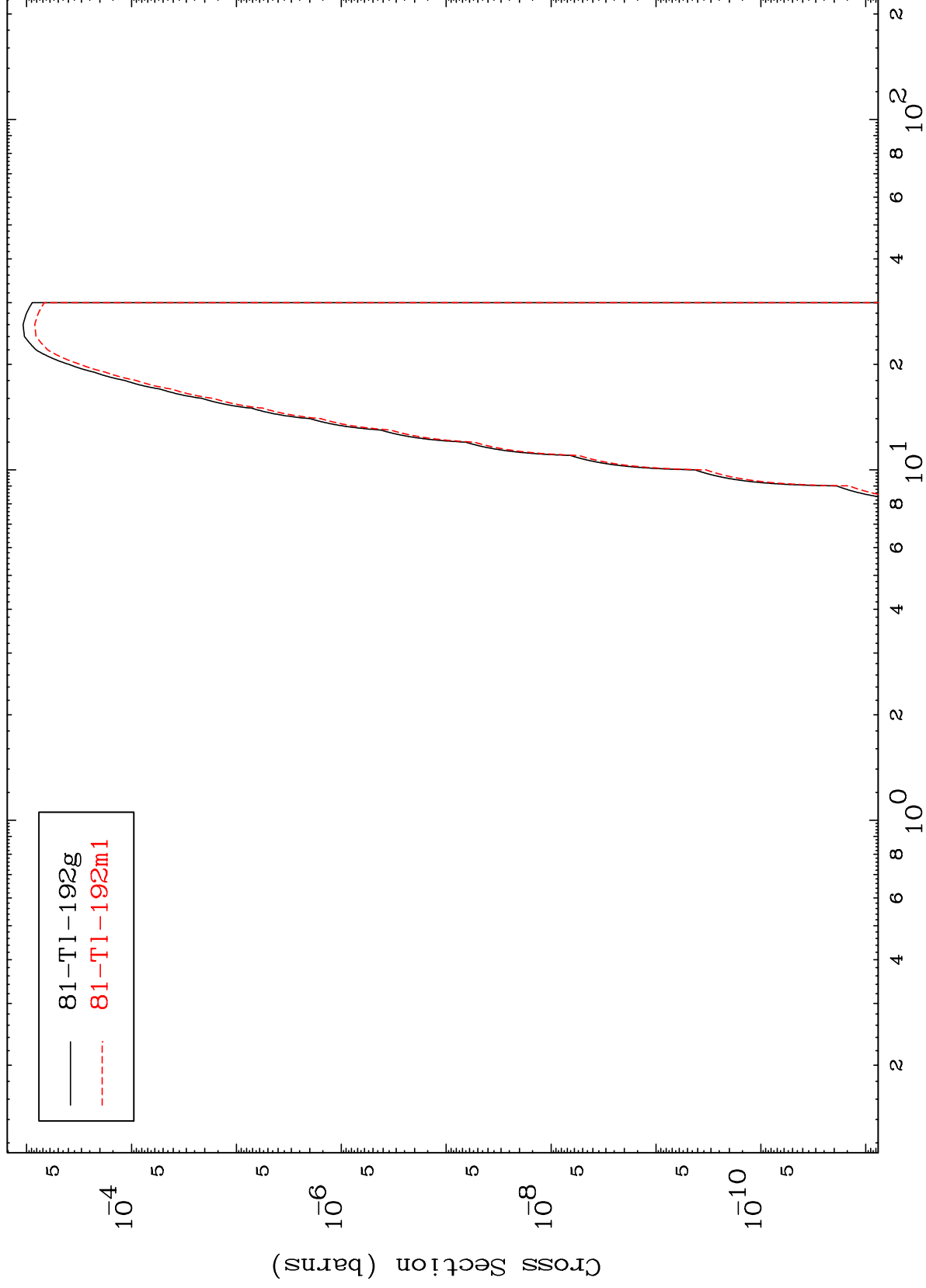


MAT 7904

Inelastic

79-Au-190

Radionuclide Production Cross Section



12

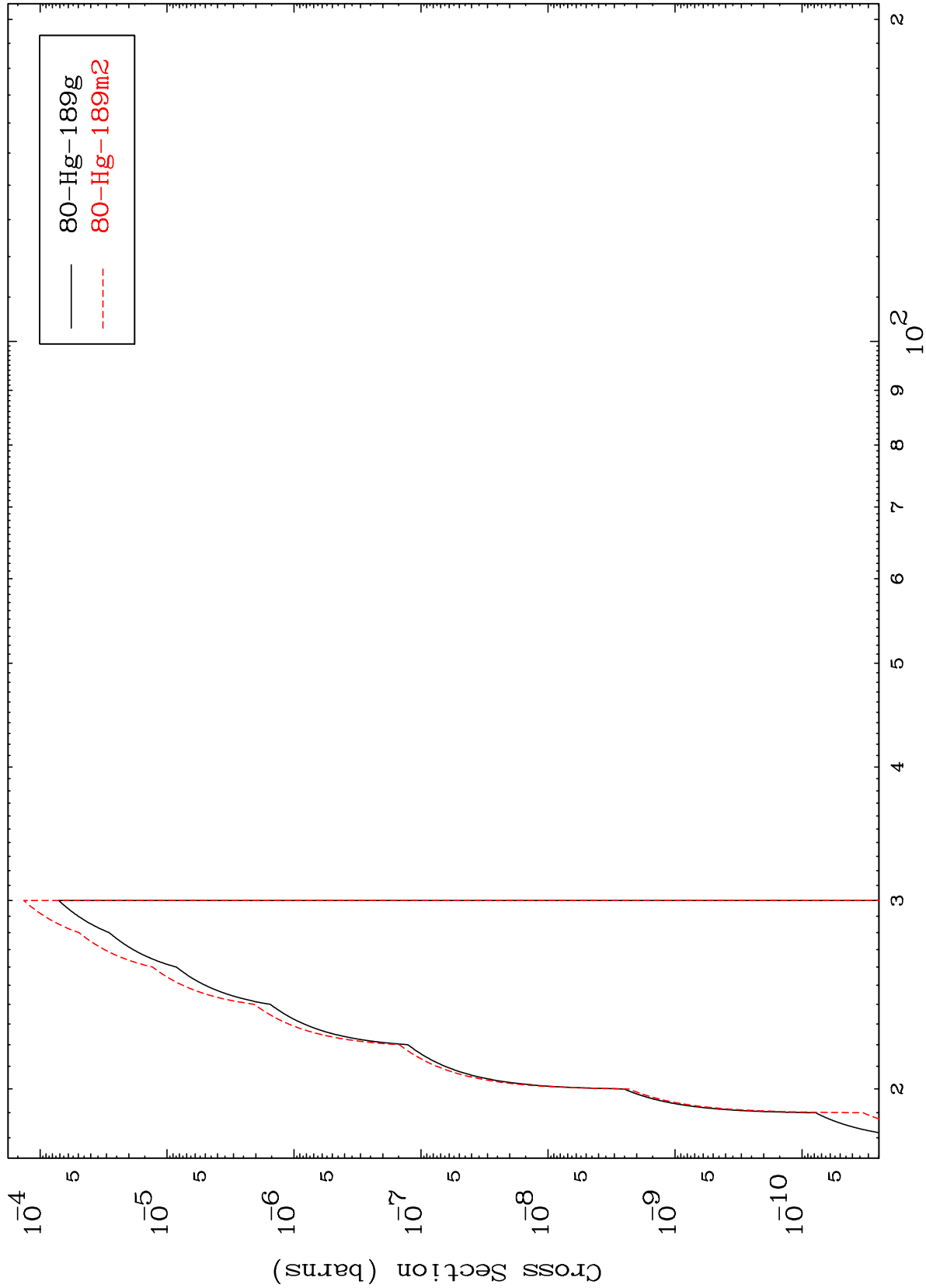
Incident Energy (MeV)

79-Au-190

MAT 7904

79-Au-190

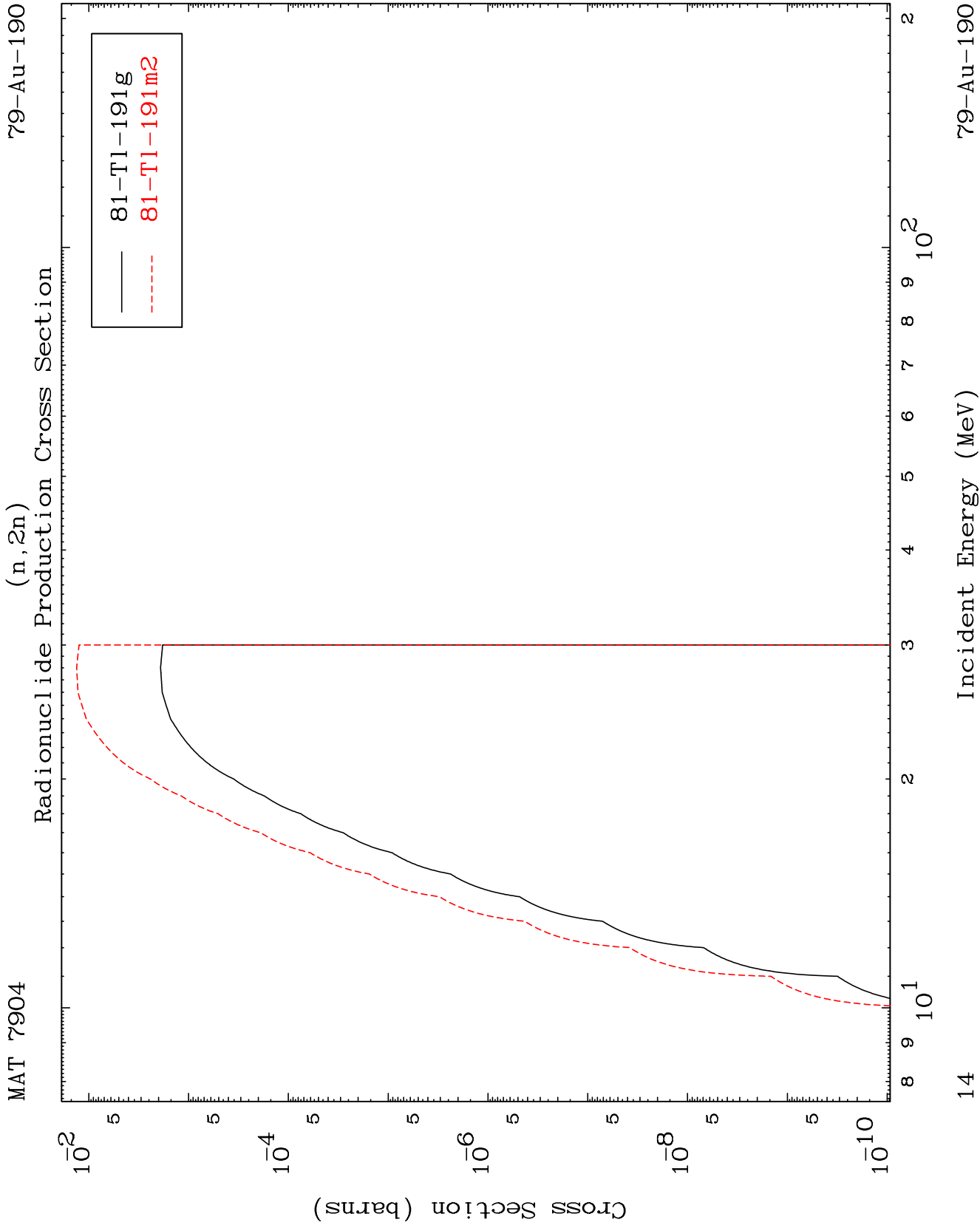
(n,2n) d
Radionuclide Production Cross Section



13

Incident Energy (MeV)

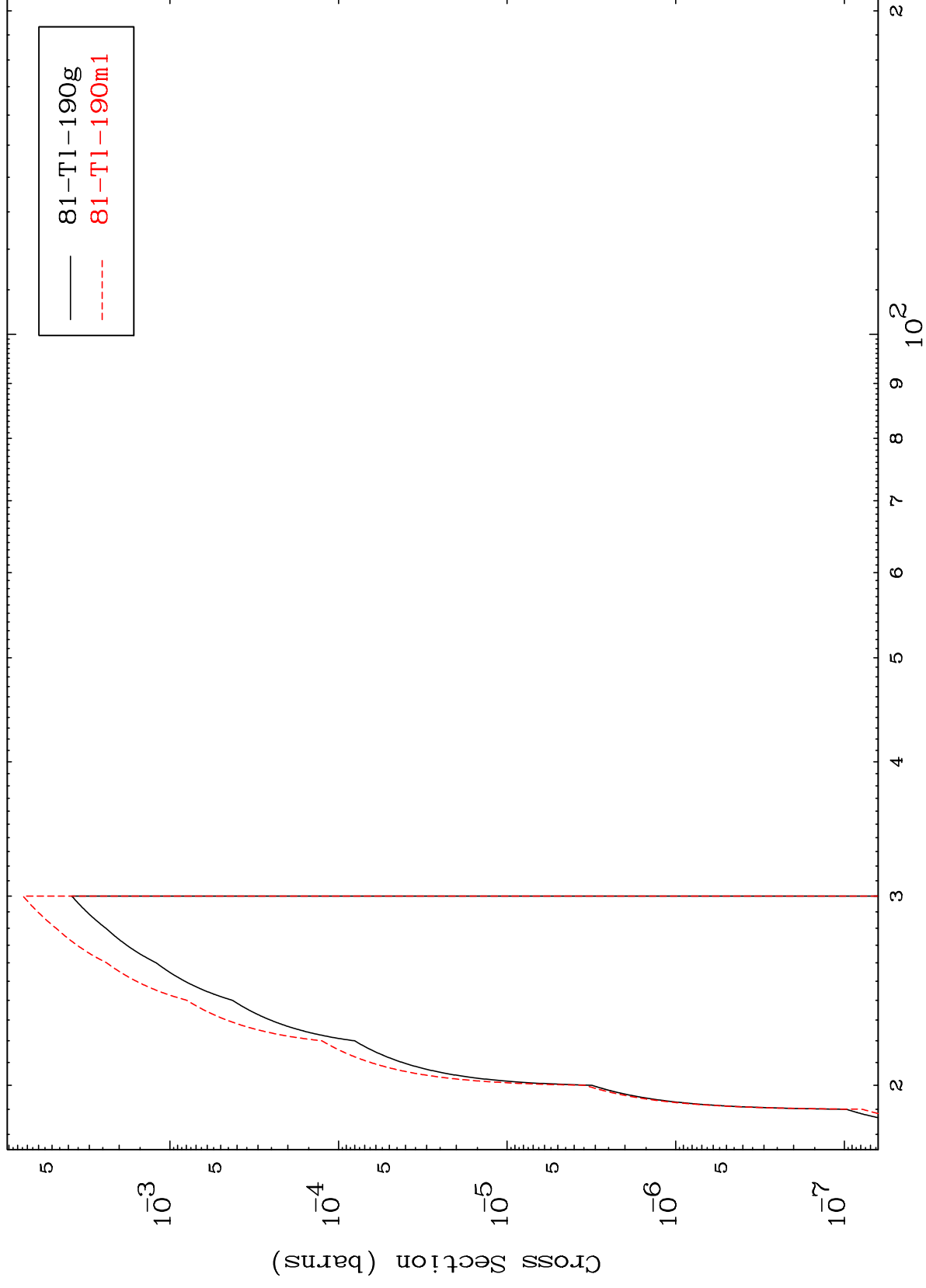
79-Au-190



MAT 7904

79-Au-190

(n,3n)
Radionuclide Production Cross Section



79-Au-190

Incident Energy (MeV)

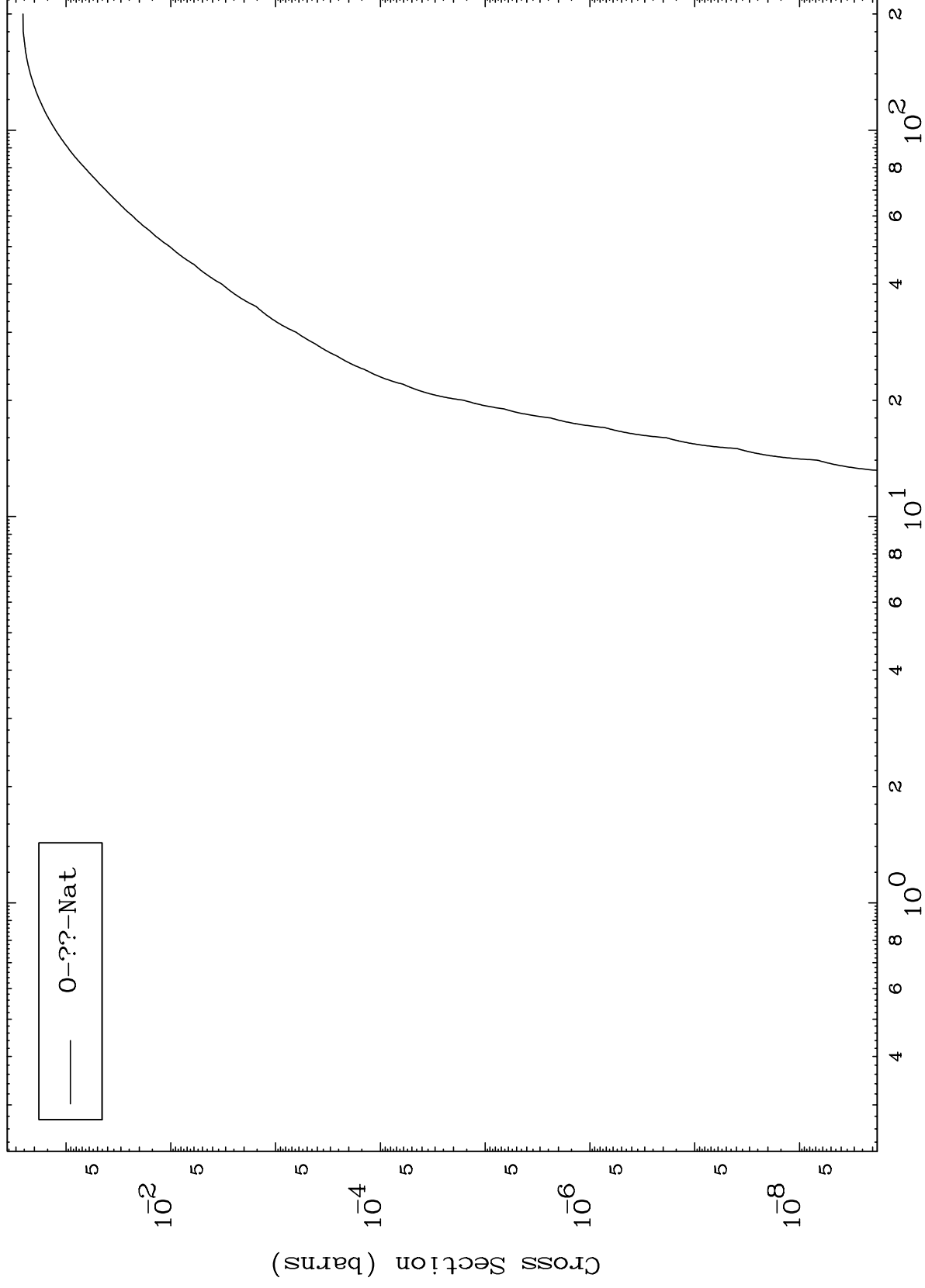
15

MAT 7904

Fission

⁷⁹Au-190

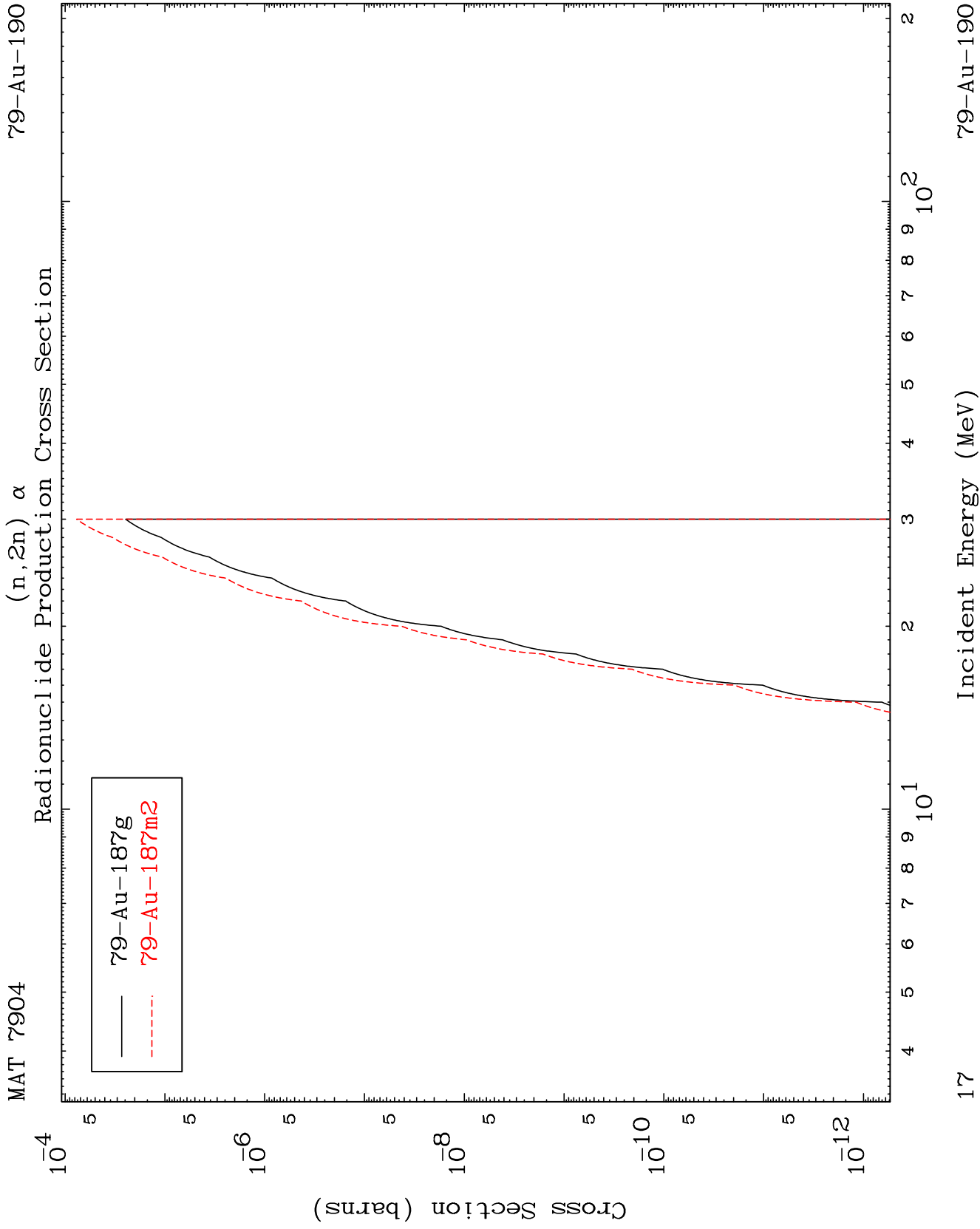
Radionuclide Production Cross Section

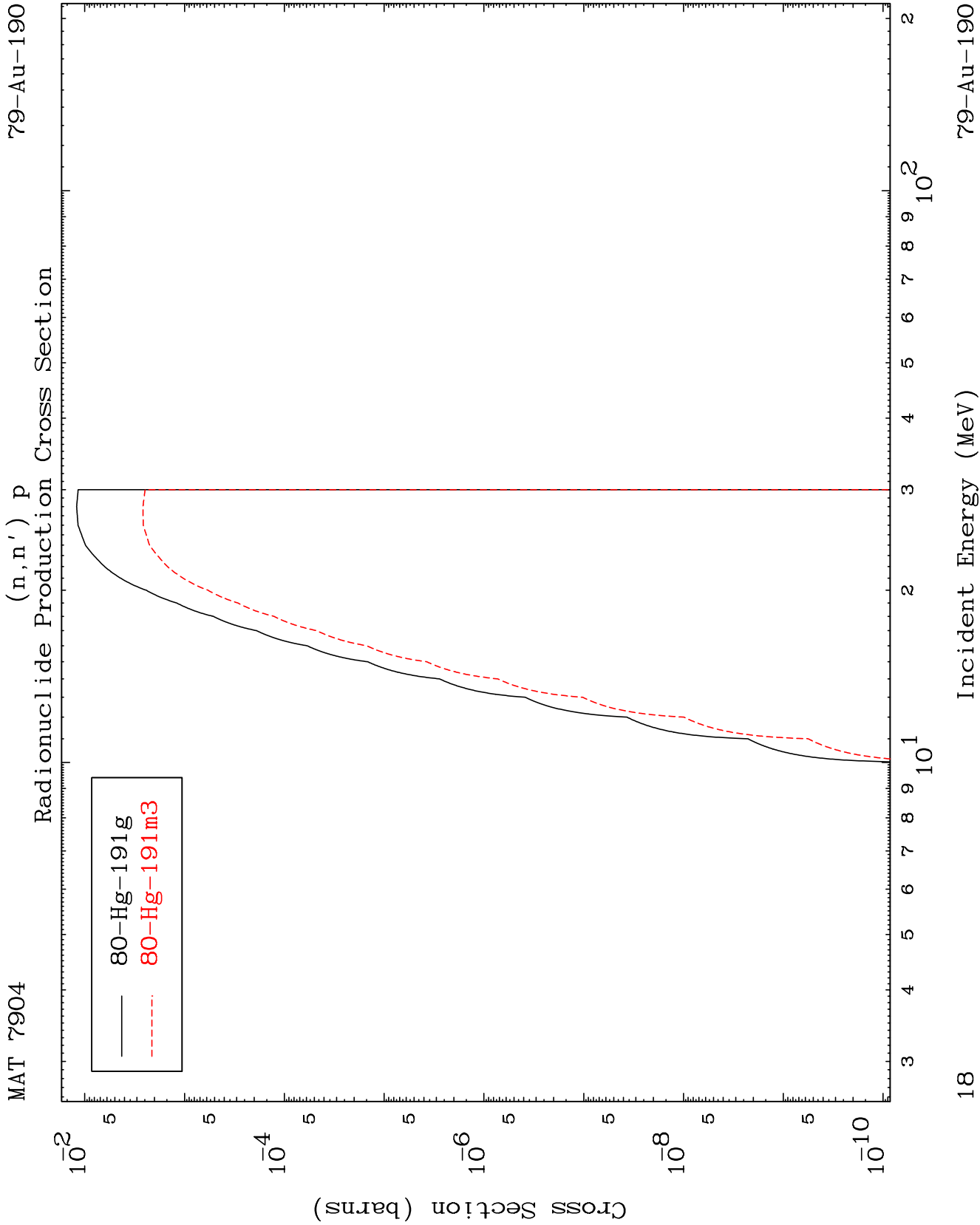


16

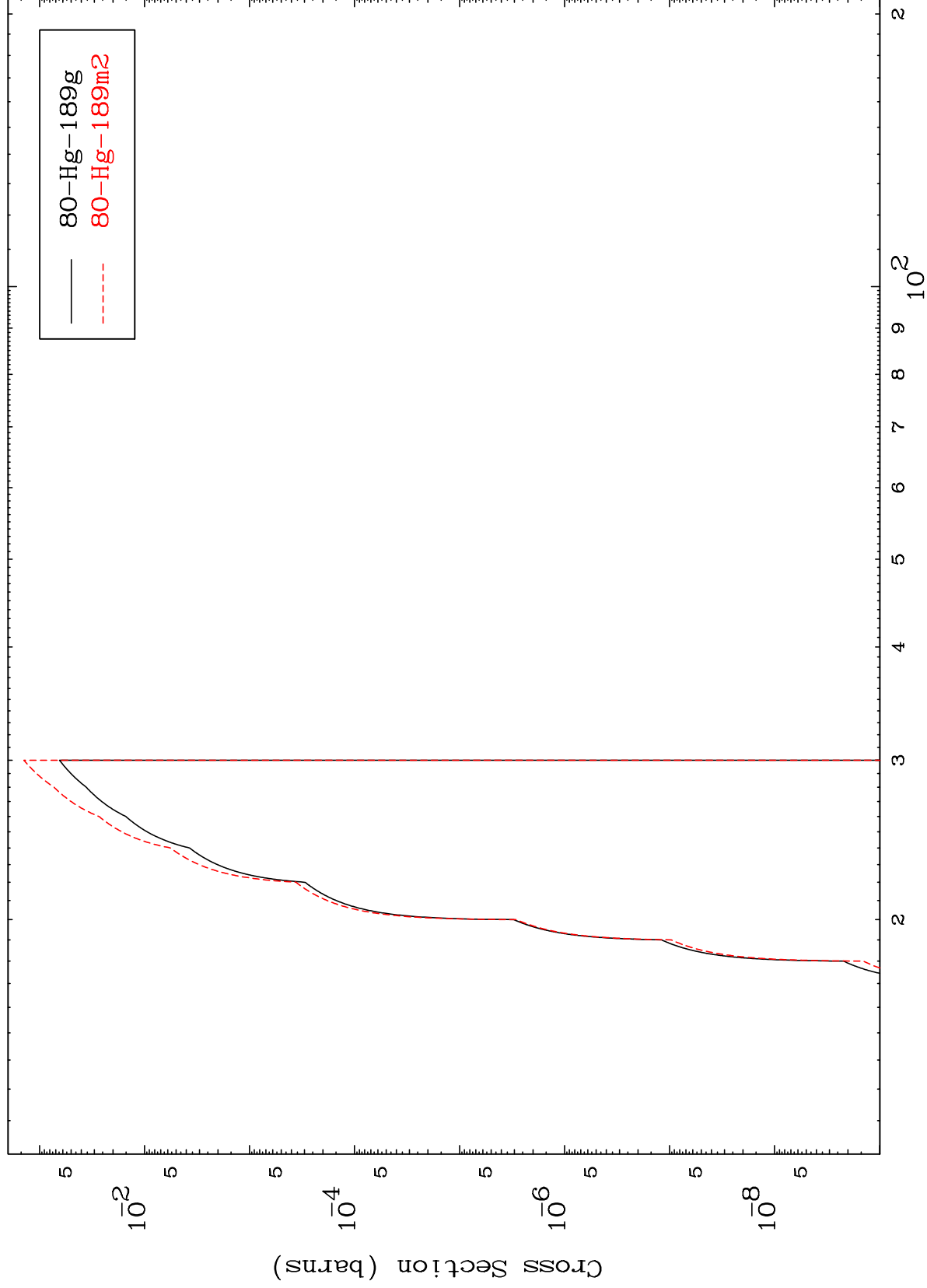
Incident Energy (MeV)

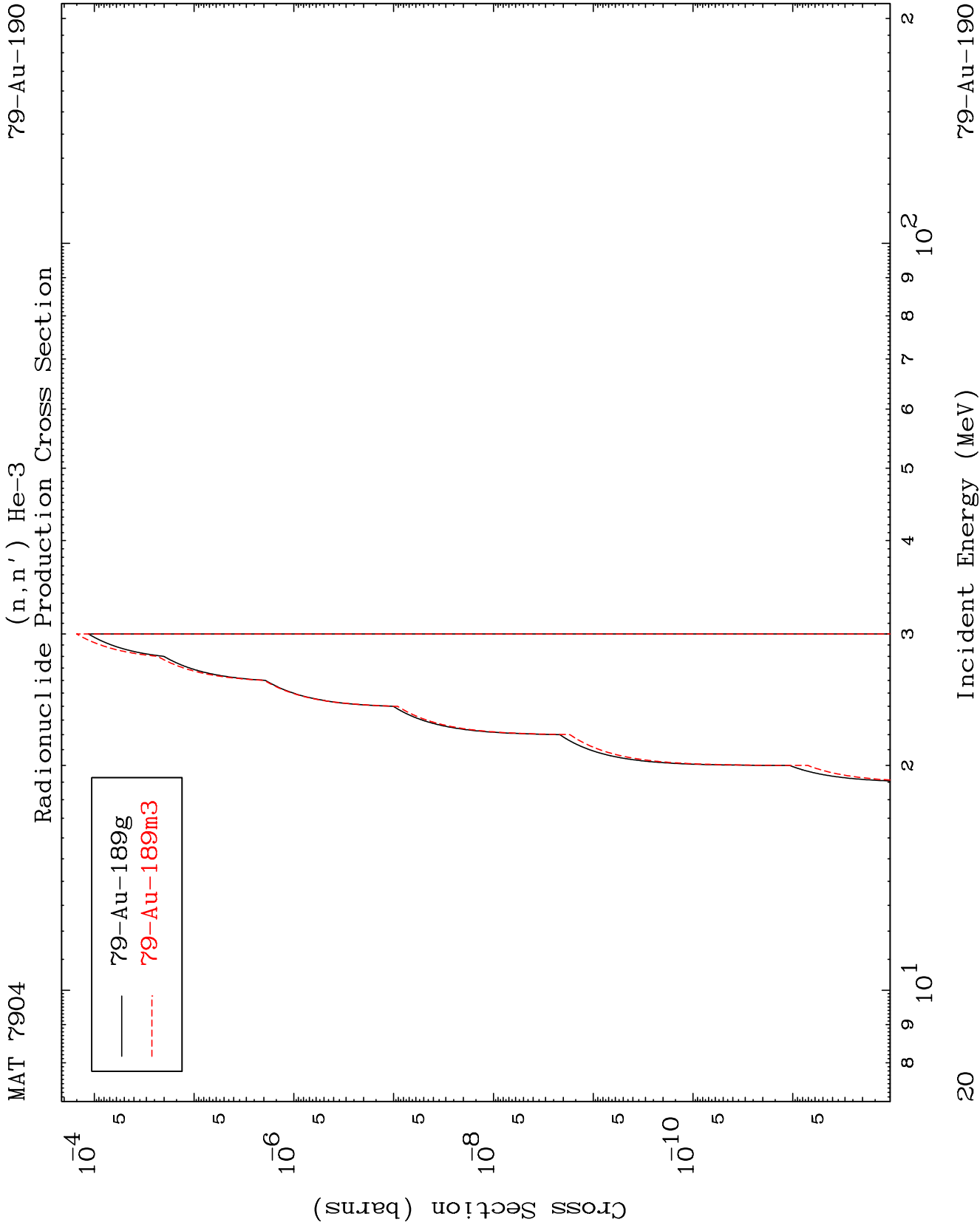
⁷⁹Au-190



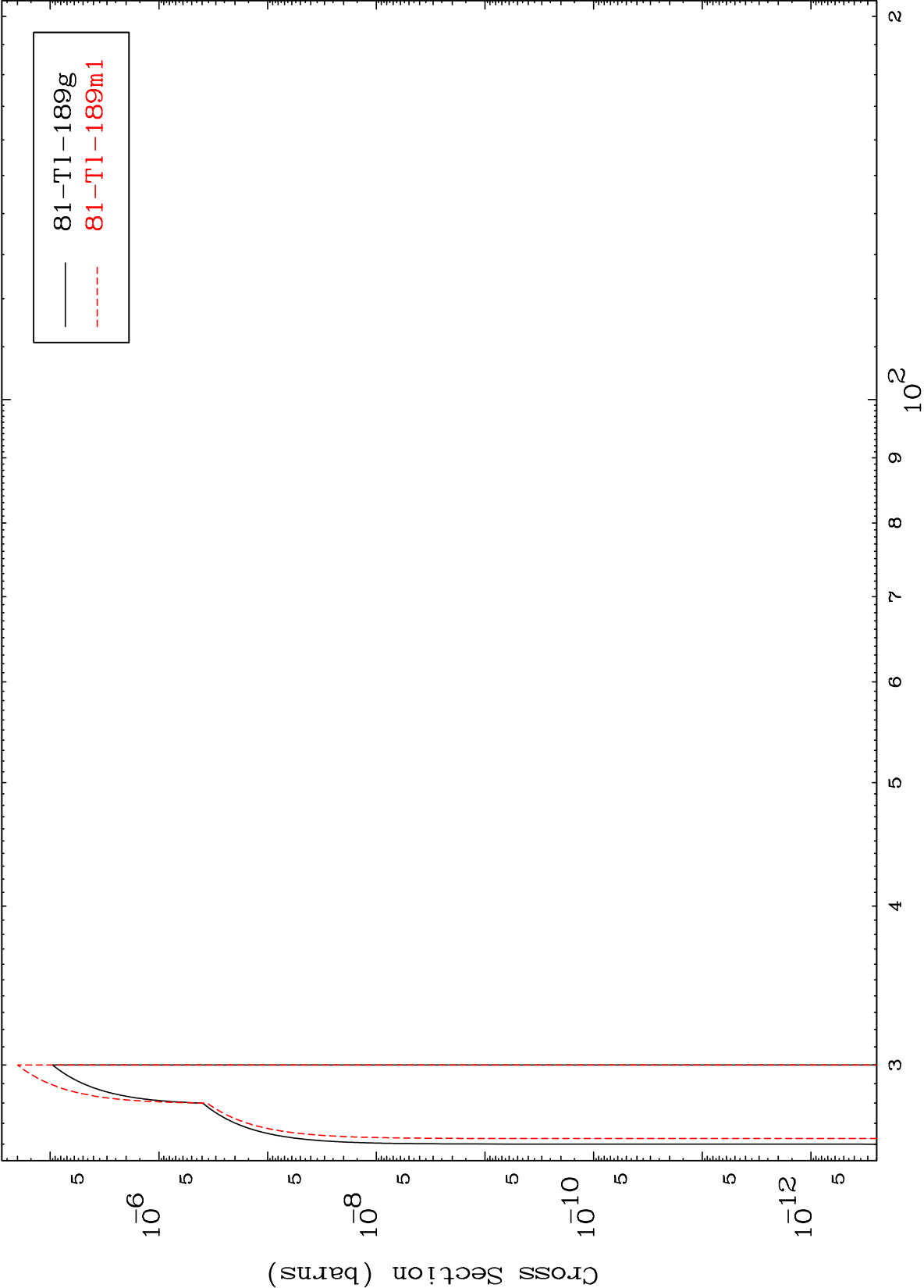


(n,n') t
Radionuclide Production Cross Section

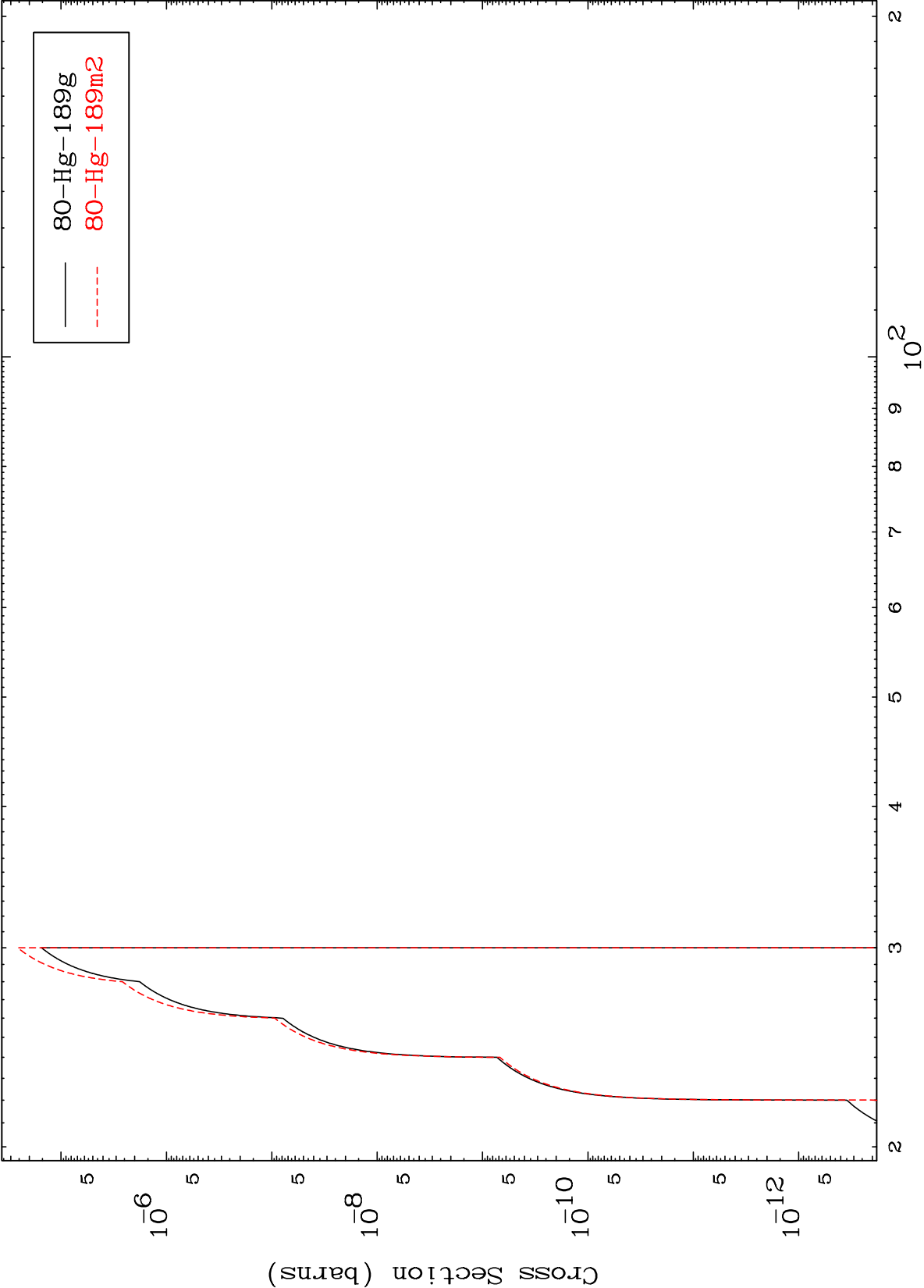


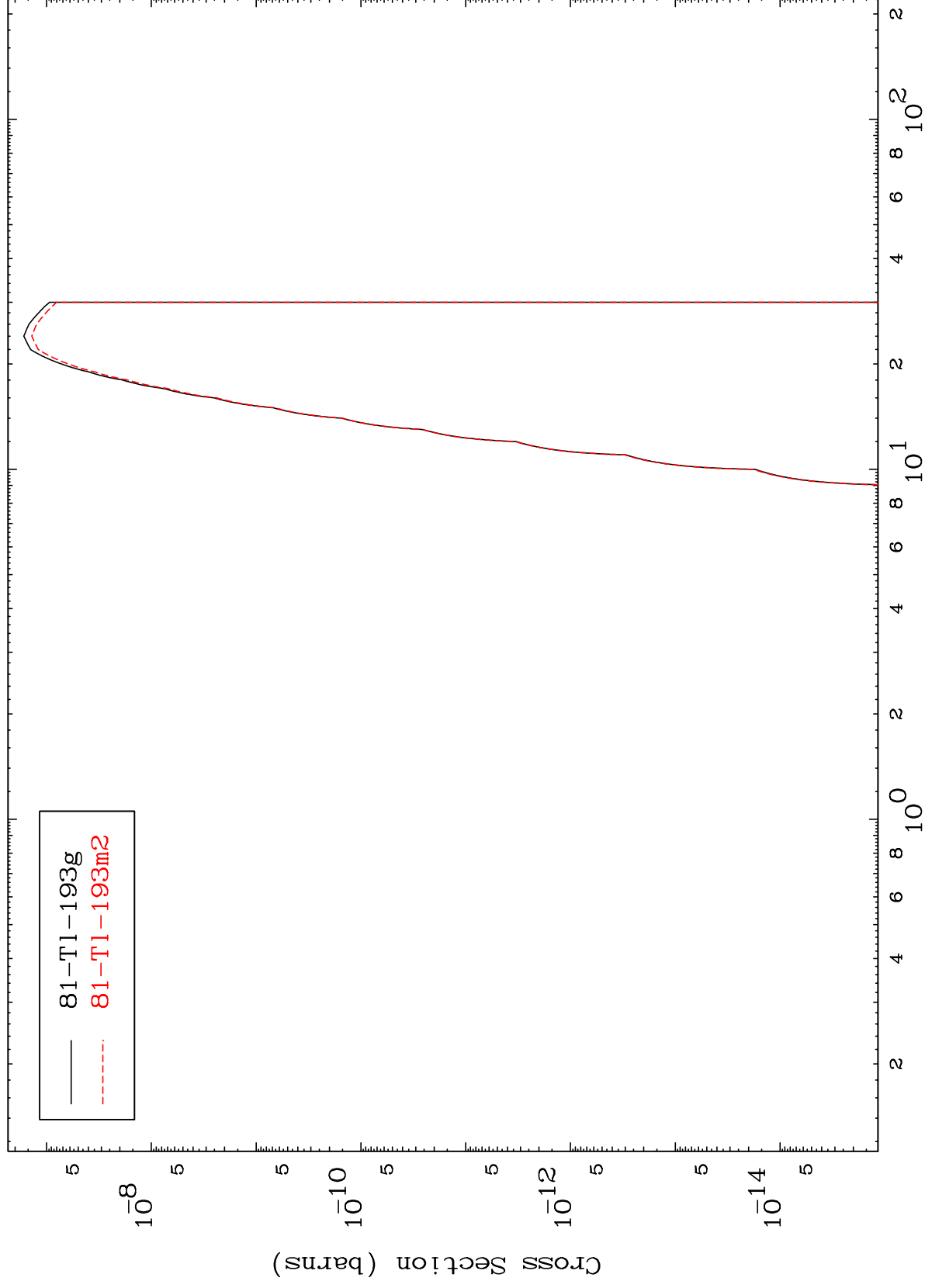


Radionuclide Production Cross Section
(n,4n)



(n,3n) p
Radionuclide Production Cross Section

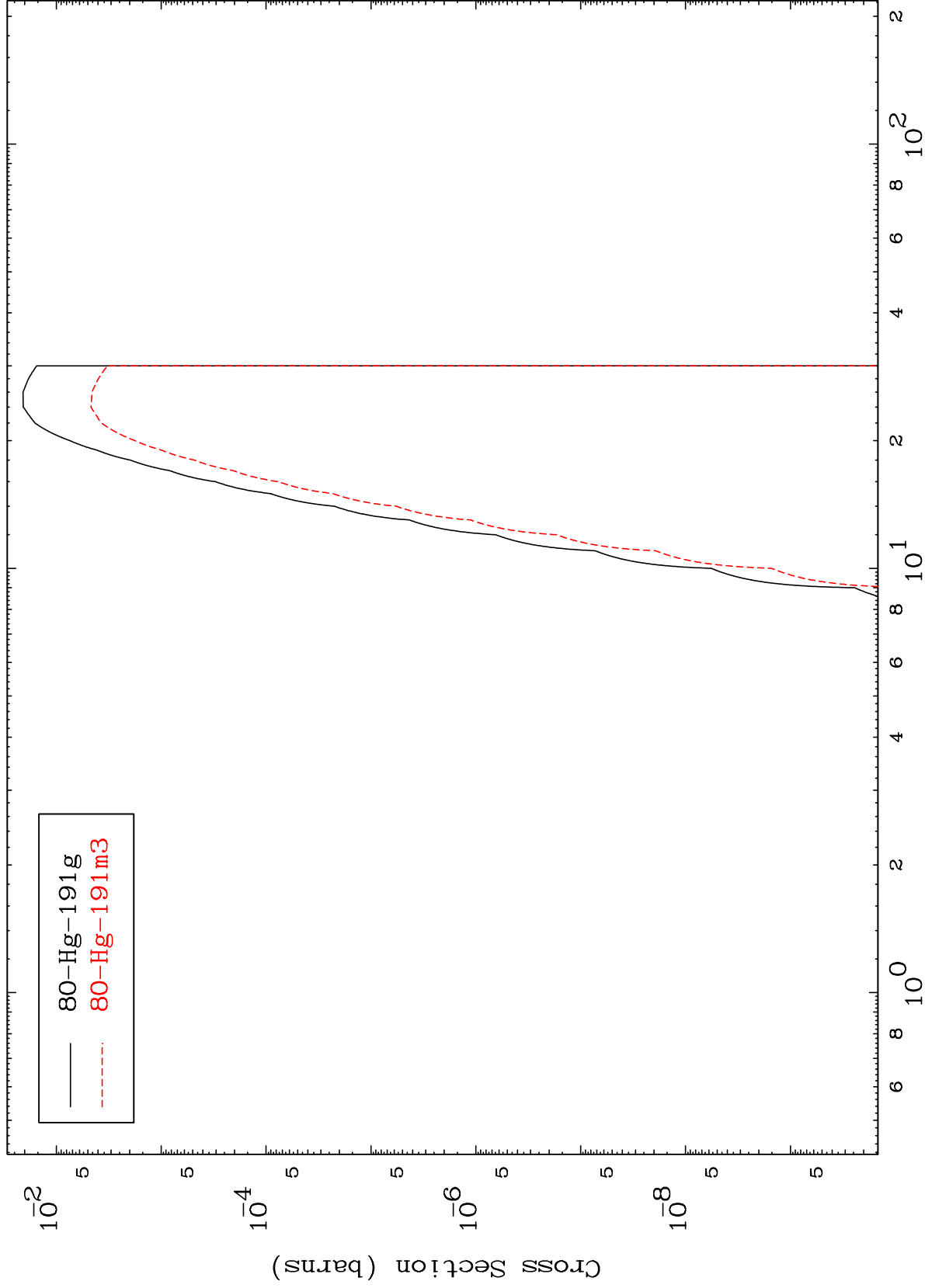


Radionuclide Production Cross Section
(n, γ)

MAT 7904

79-Au-190

(n,d)
Radionuclide Production Cross Section



24

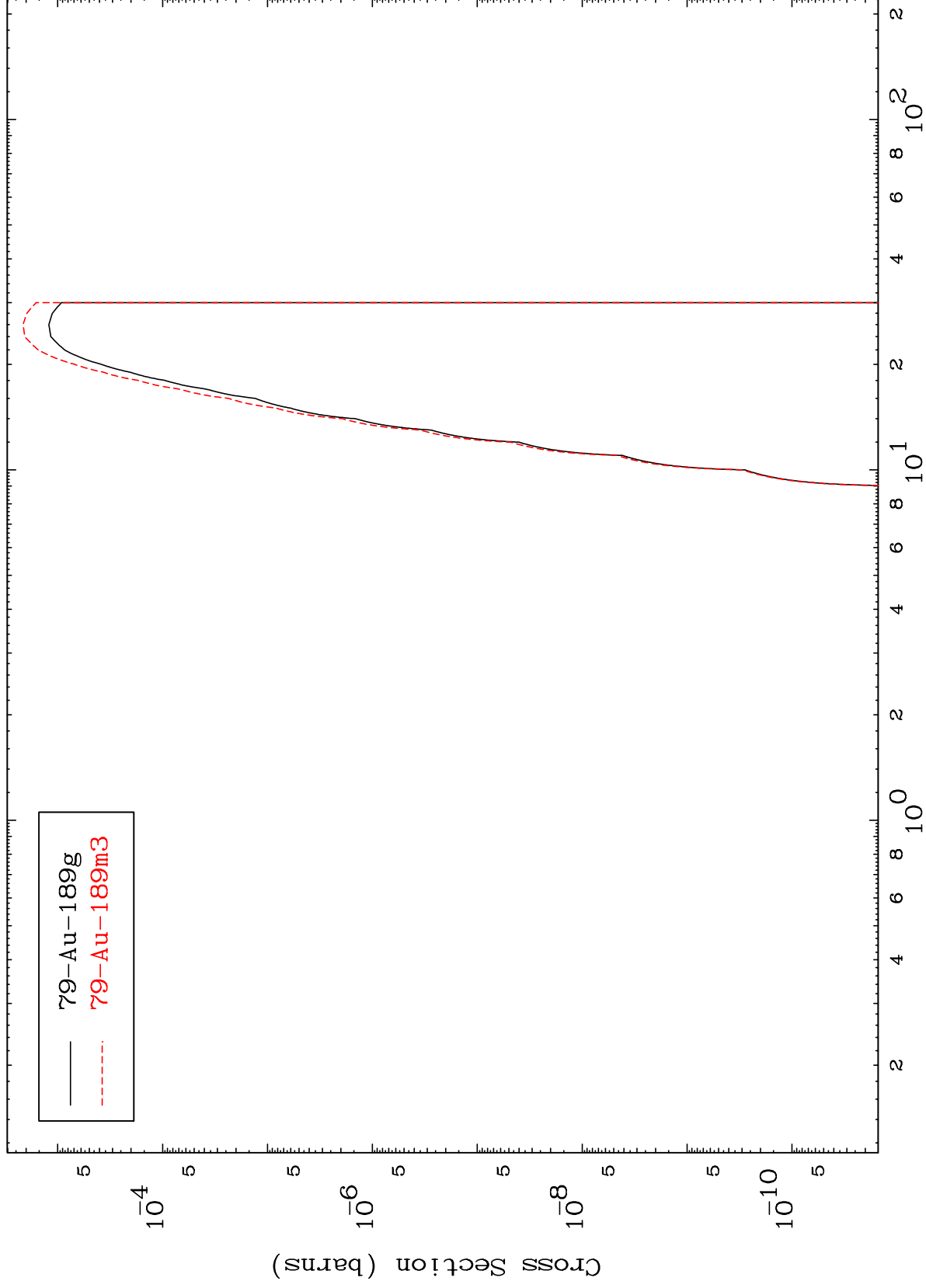
Incident Energy (MeV)

79-Au-190

MAT 7904

79-Au-190

Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-190

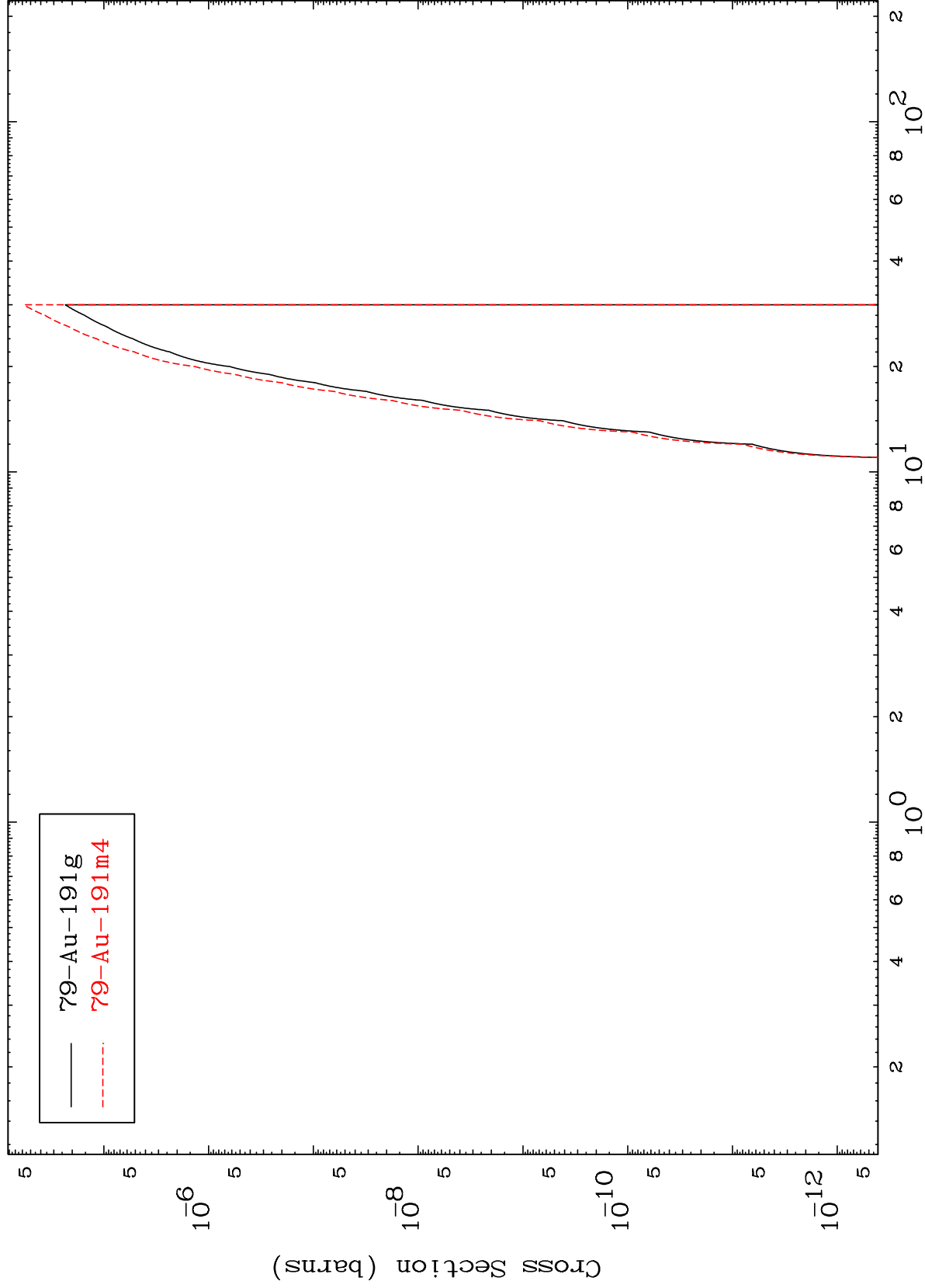
25

MAT 7904

(n,2p)

⁷⁹Au-190

Radionuclide Production Cross Section



26

Incident Energy (MeV)

⁷⁹Au-190

