

Program EVALPLOT
(Version 2021-1)

by

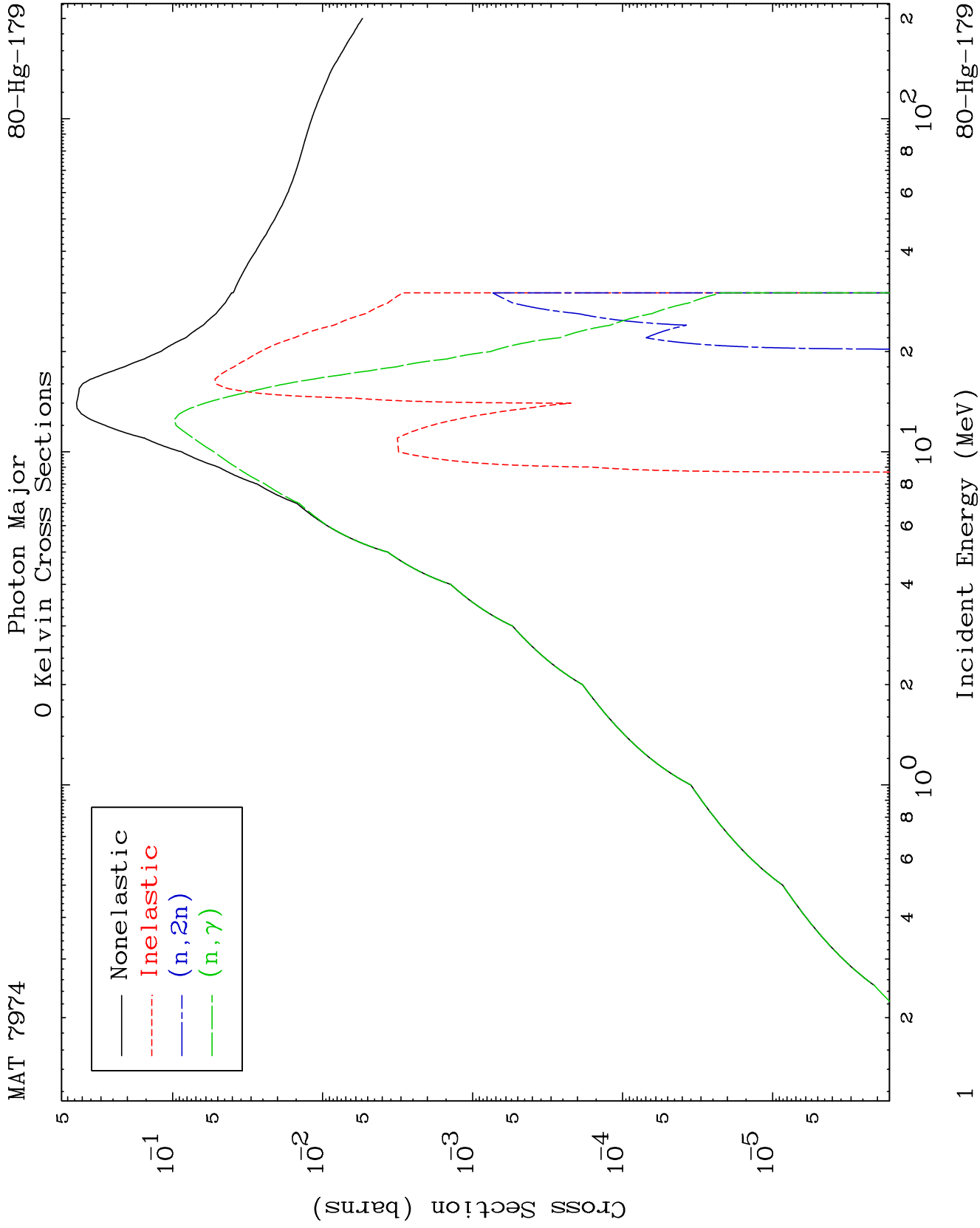
Dermott E. Cullen
(Present Contact Information)

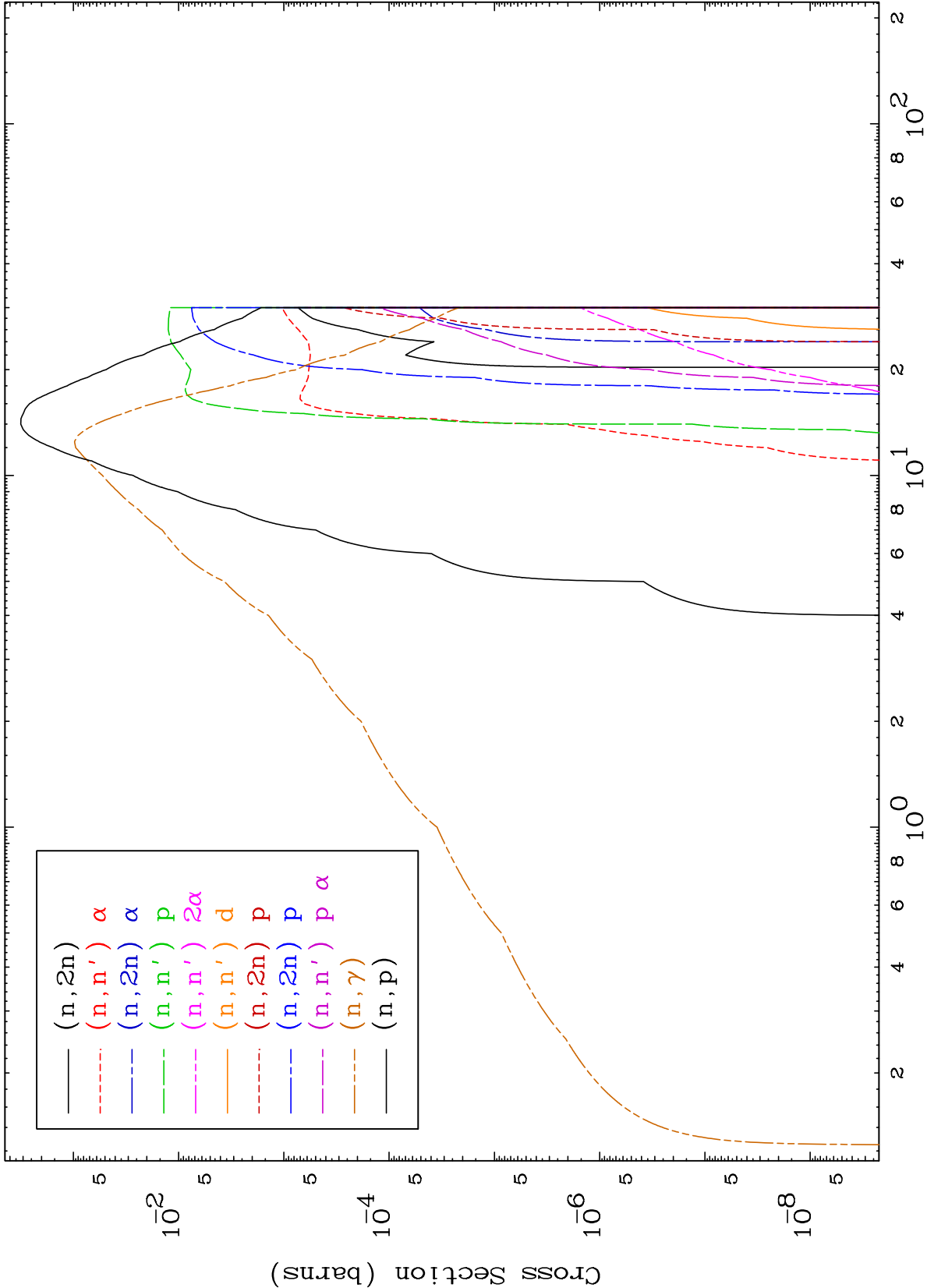
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

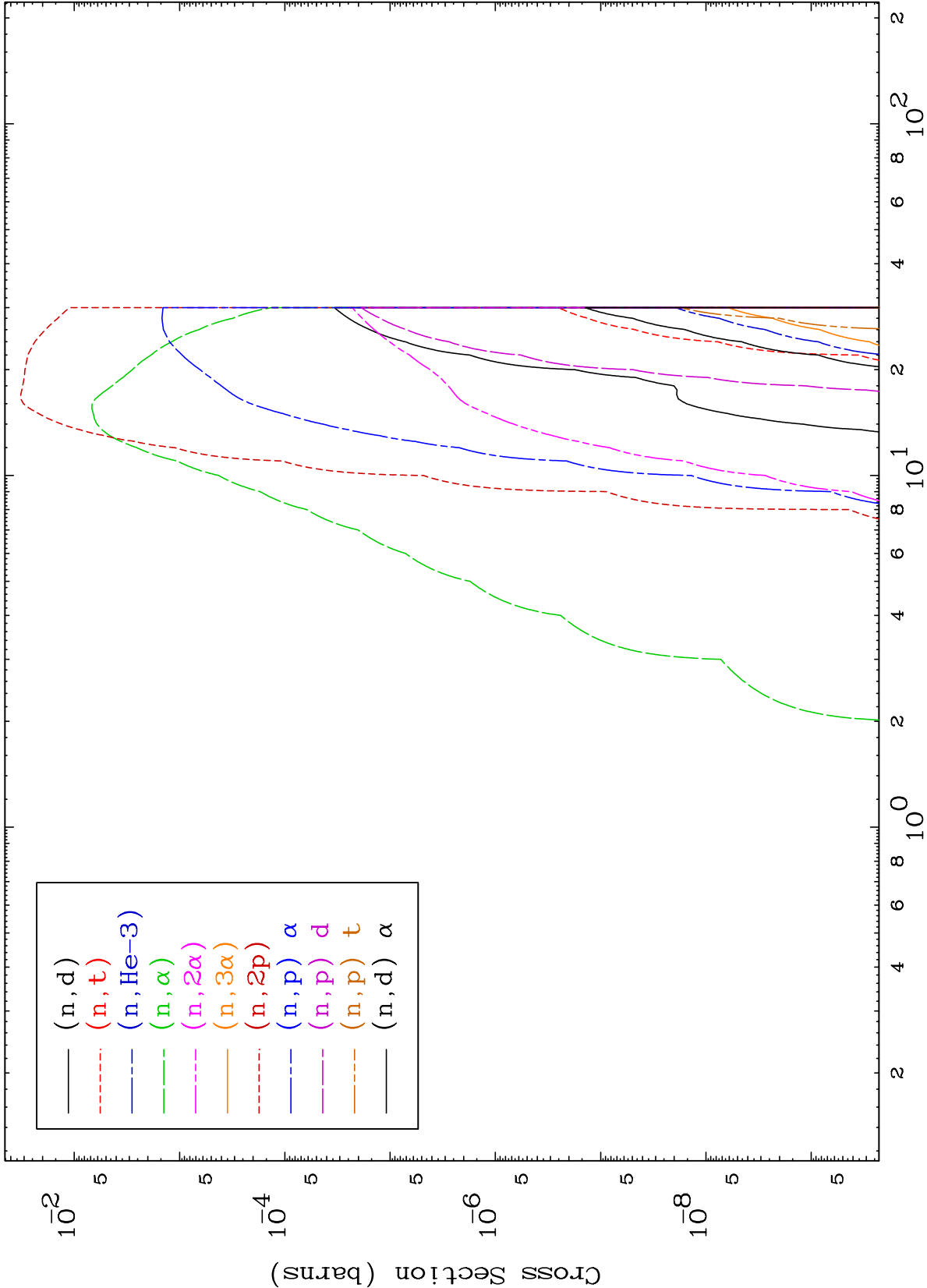
Tele: 925-443-1911

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

Press Mouse Button to Start



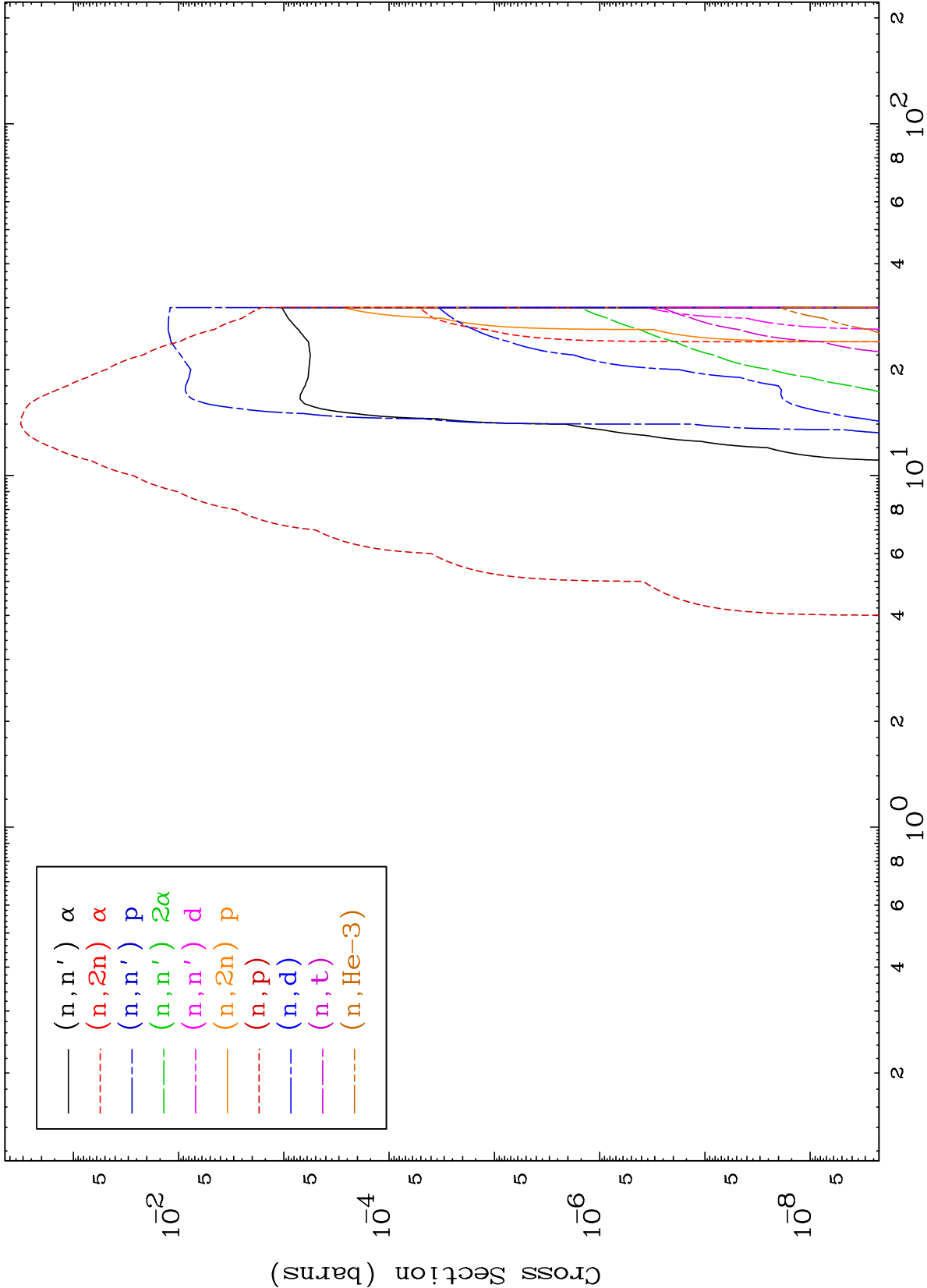


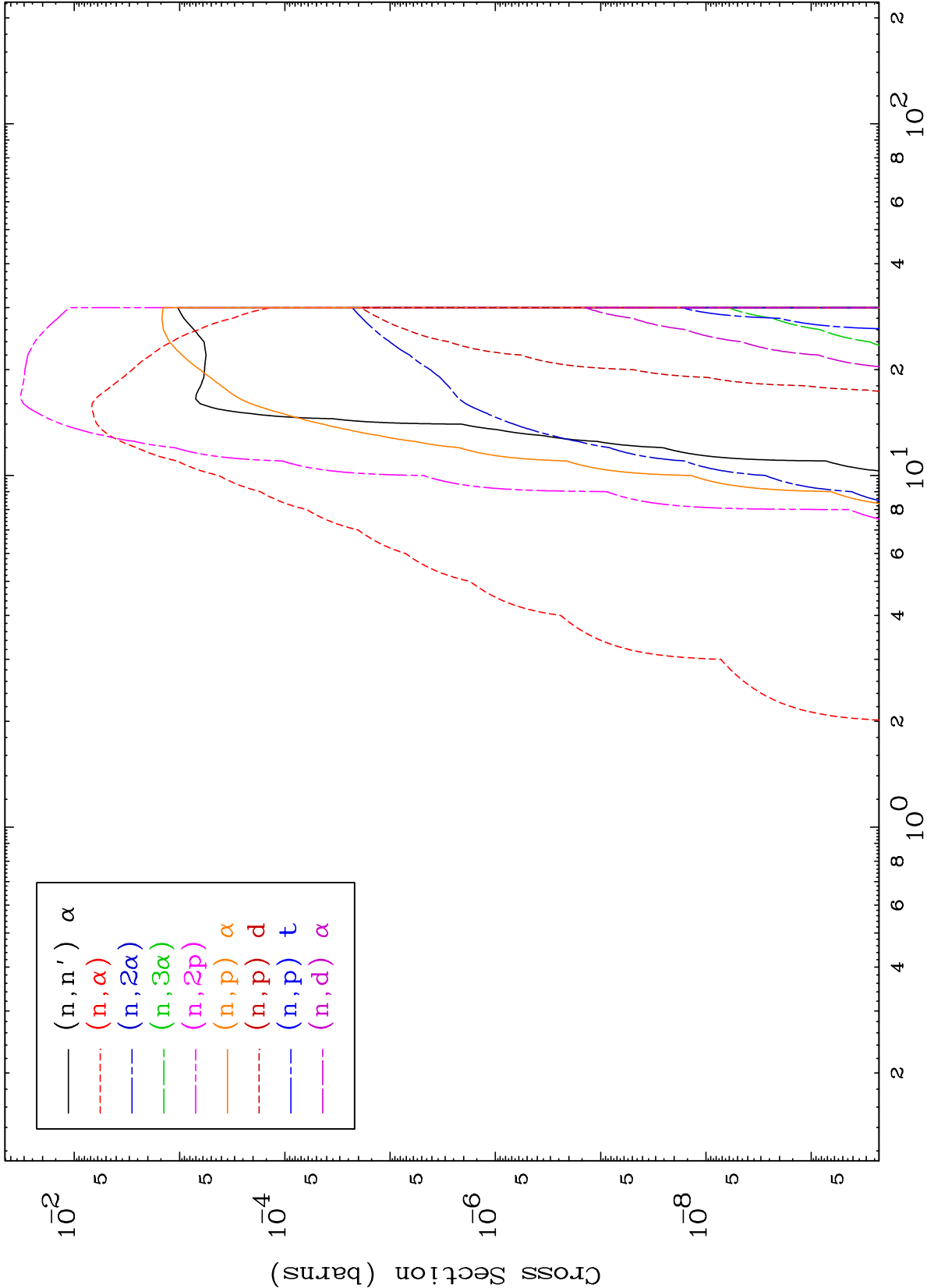


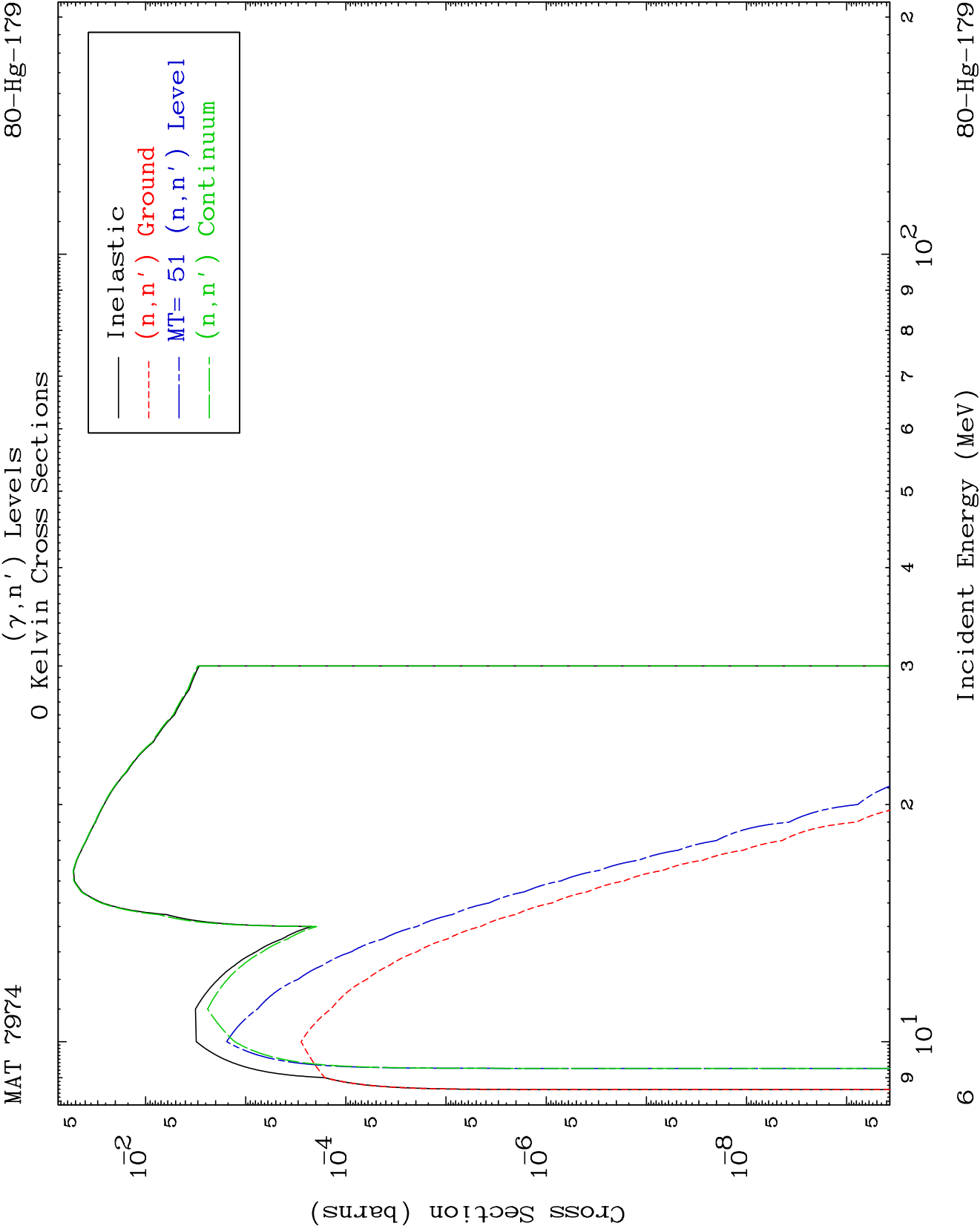
MAT 7974

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-179



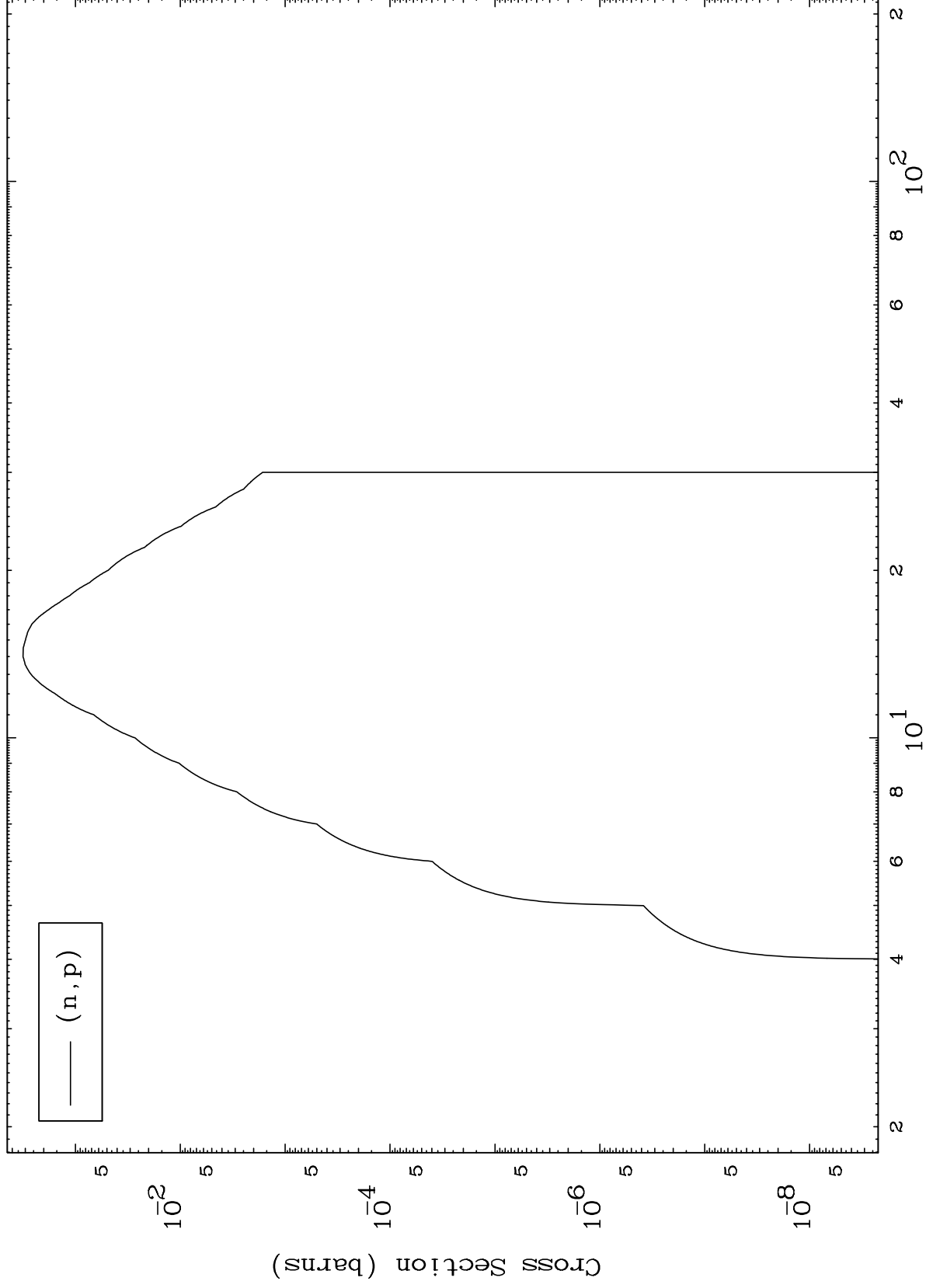




MAT 7974

80-Hg-179

(γ, p) Levels
0 Kelvin Cross Sections



7

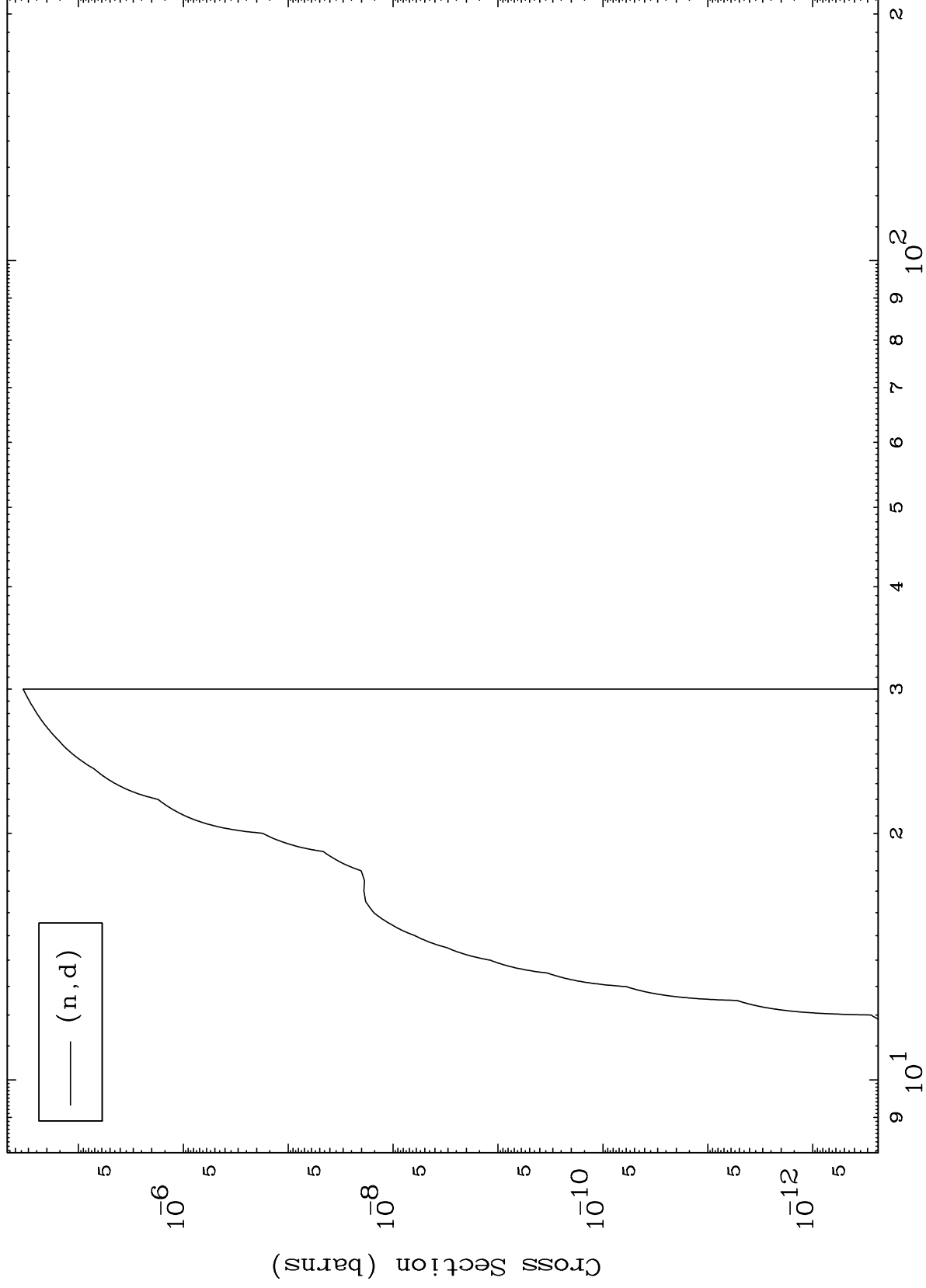
80-Hg-179

Incident Energy (MeV)

MAT 7974

80-Hg-179

(γ, d) Levels
0 Kelvin Cross Sections

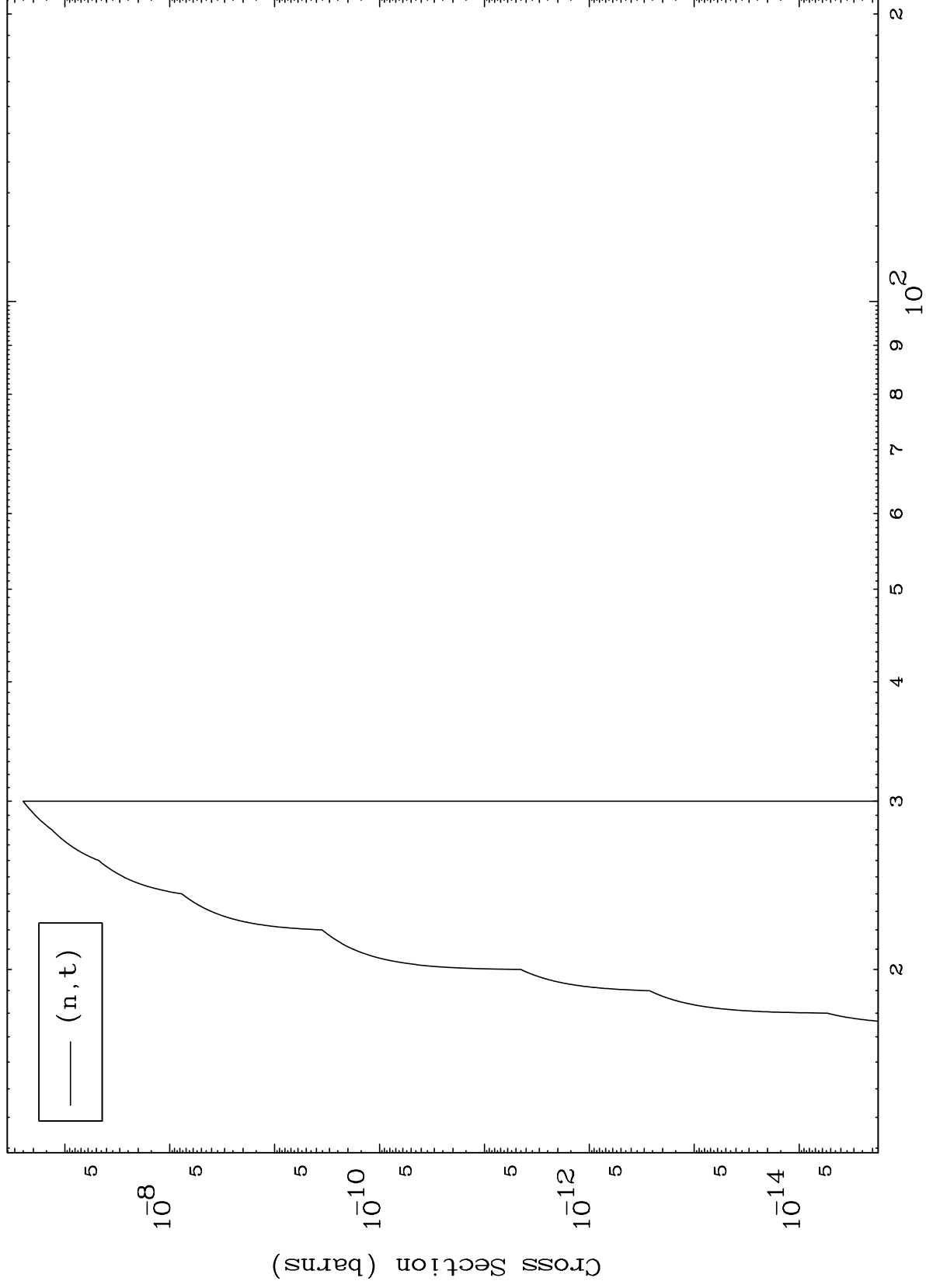


80-Hg-179

Incident Energy (MeV)

8

(γ, t) Levels
0 Kelvin Cross Sections

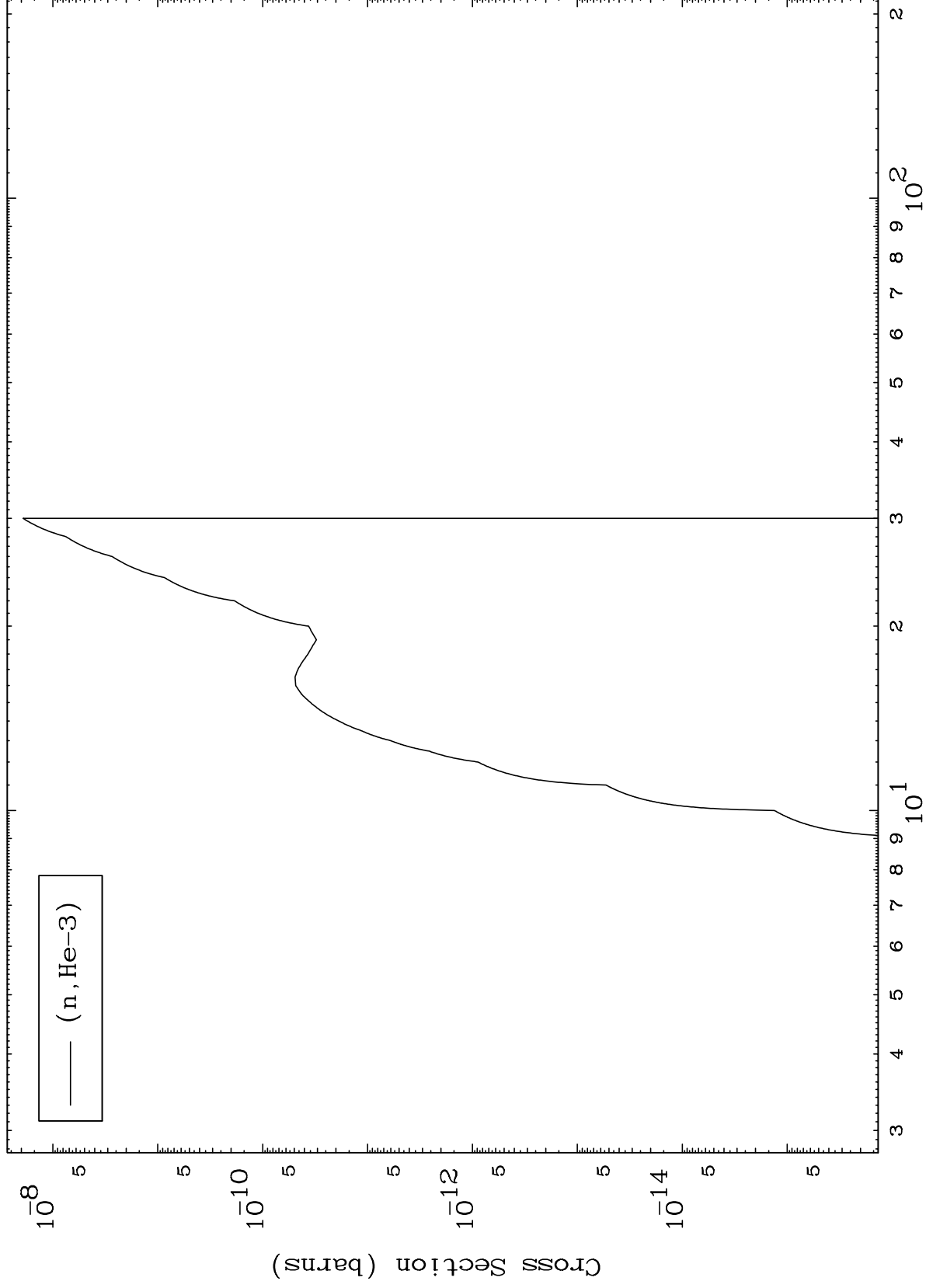


MAT 7974

(γ ,He3) Levels

80-Hg-179

0 Kelvin Cross Sections



Incident Energy (MeV)

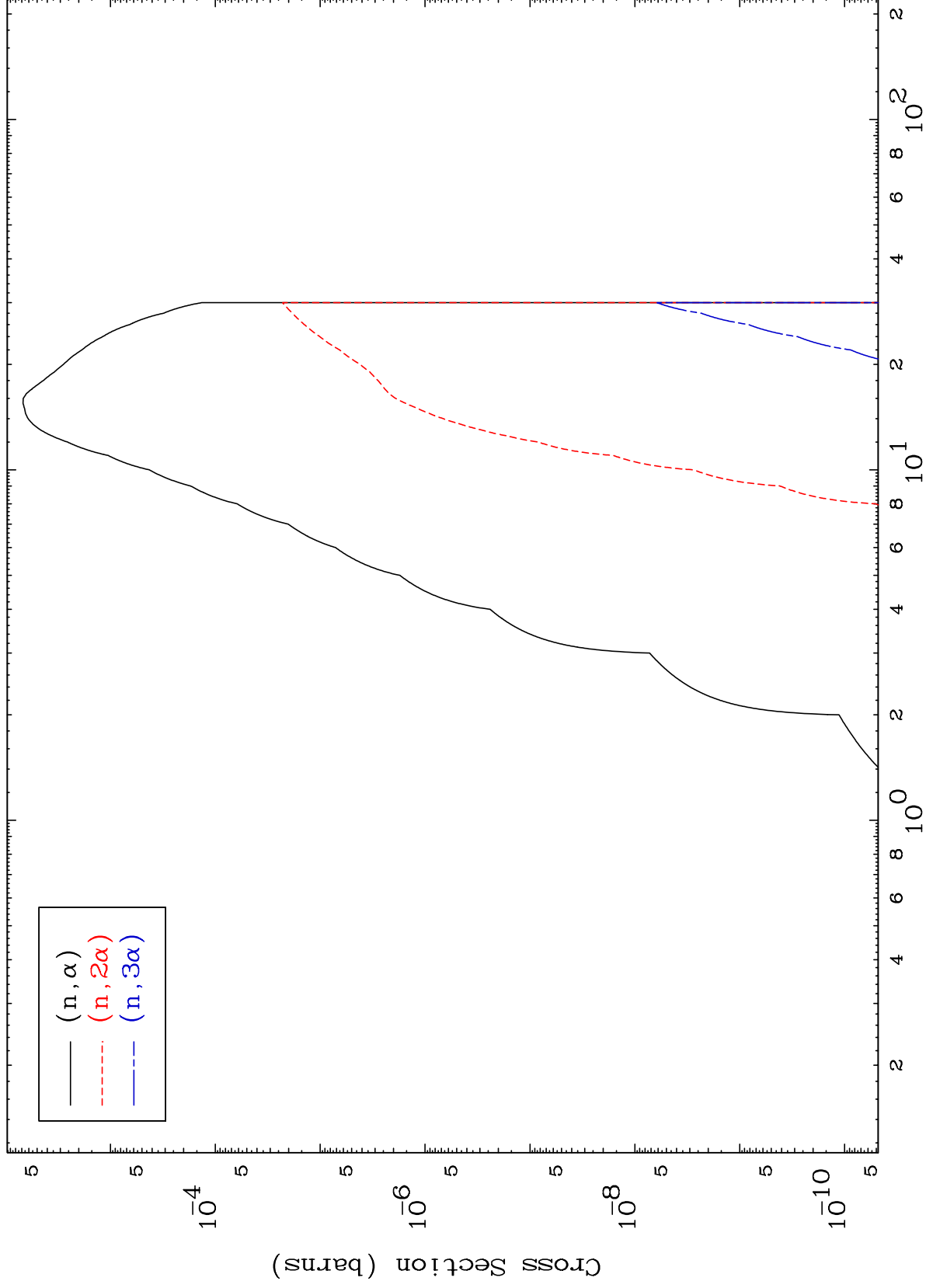
80-Hg-179

MAT 7974

(γ, α) Levels

80-Hg-179

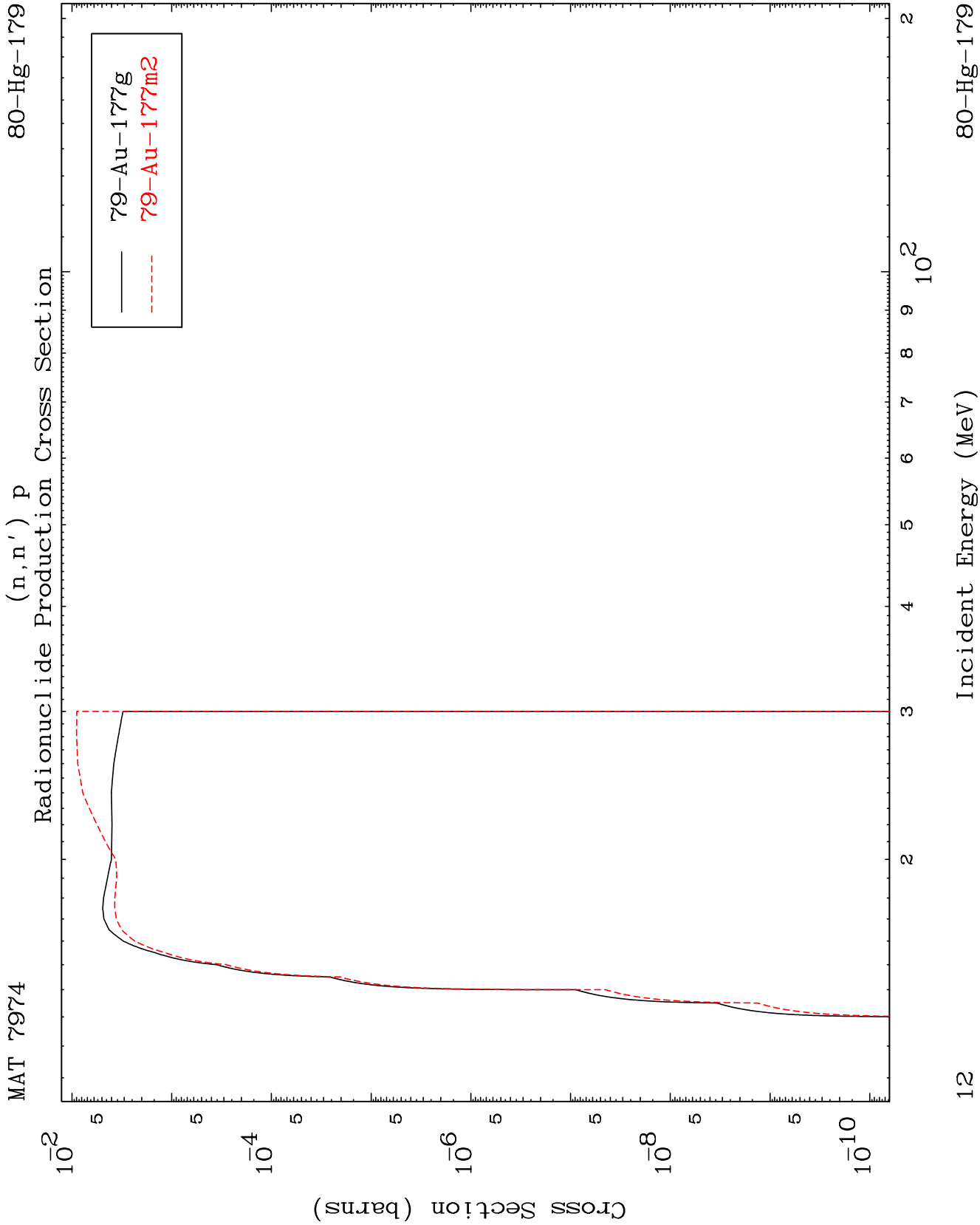
0 Kelvin Cross Sections



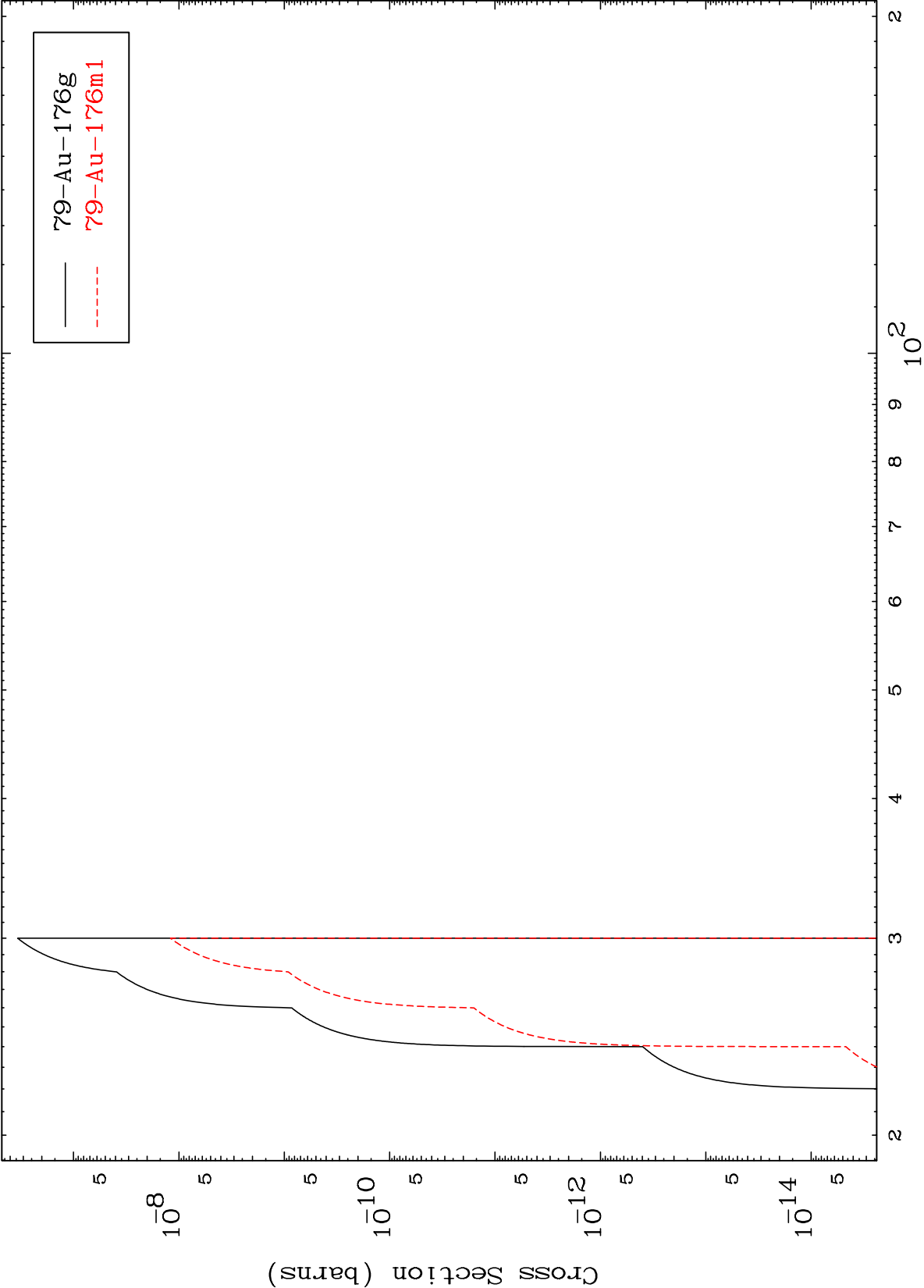
11

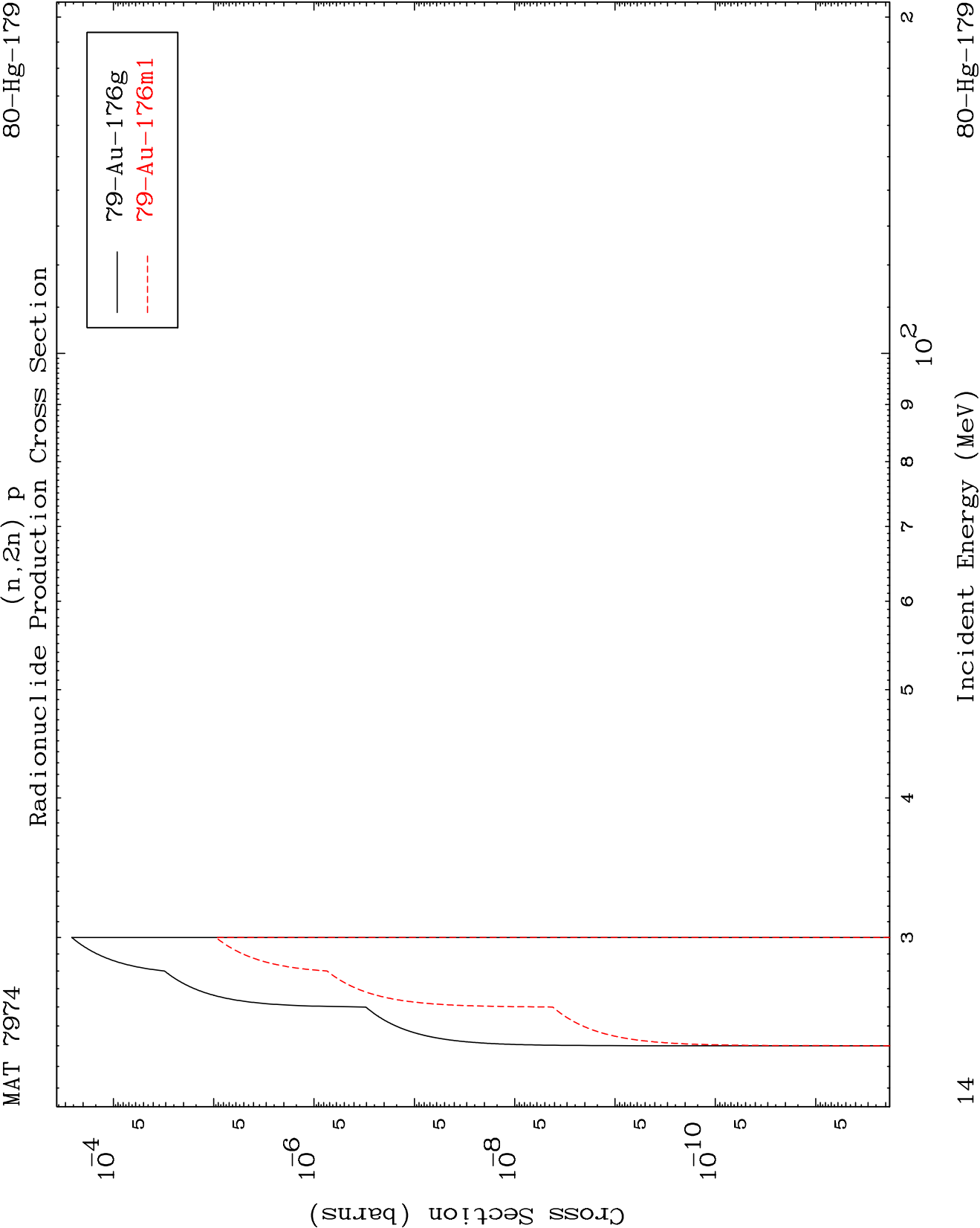
Incident Energy (MeV)

80-Hg-179



(n,n') d
Radionuclide Production Cross Section



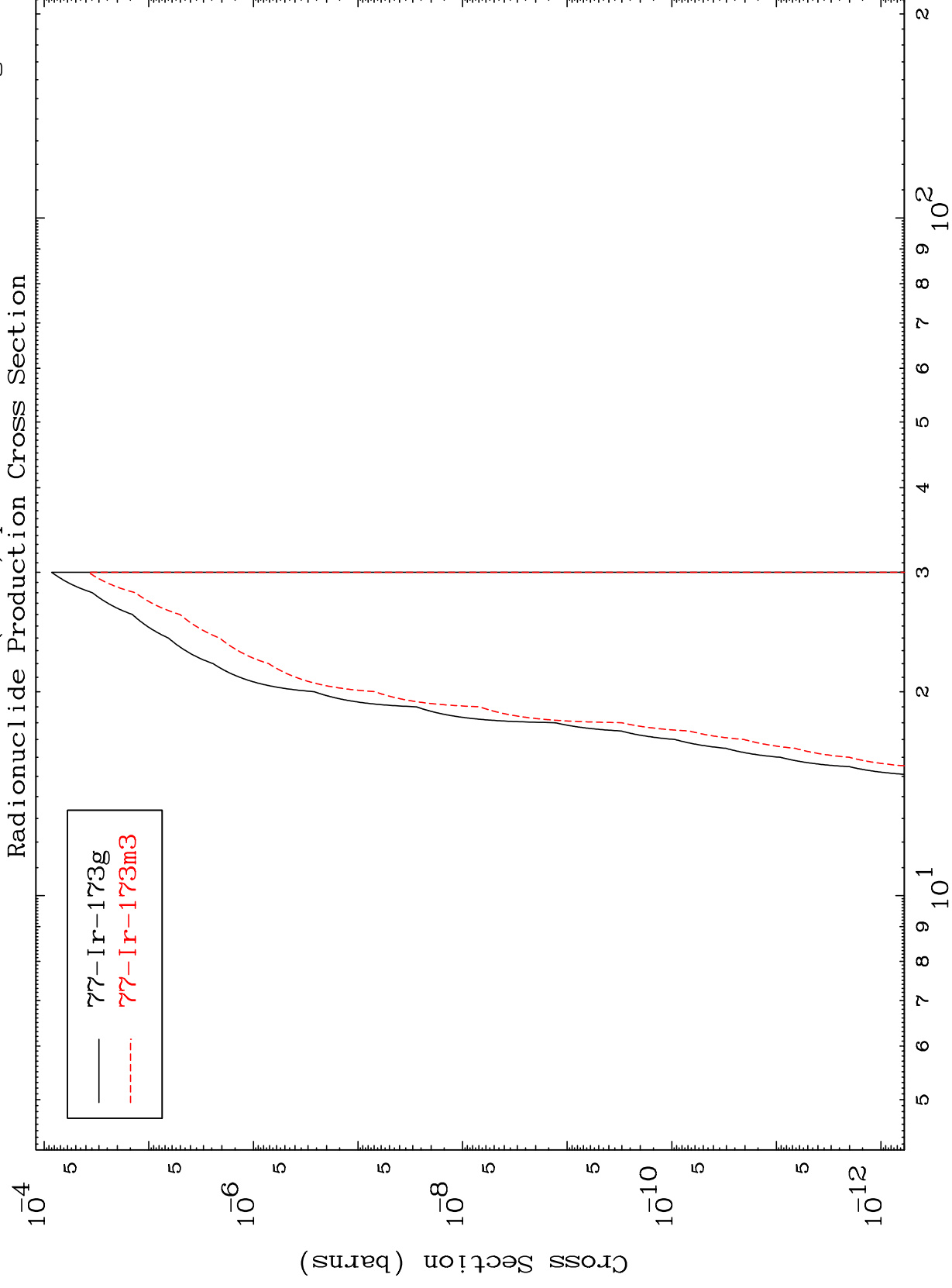


MAT 7974

80-Hg-179

$$(n, n') \propto p$$

Radionuclide Production Cross Section



80-Hg-179

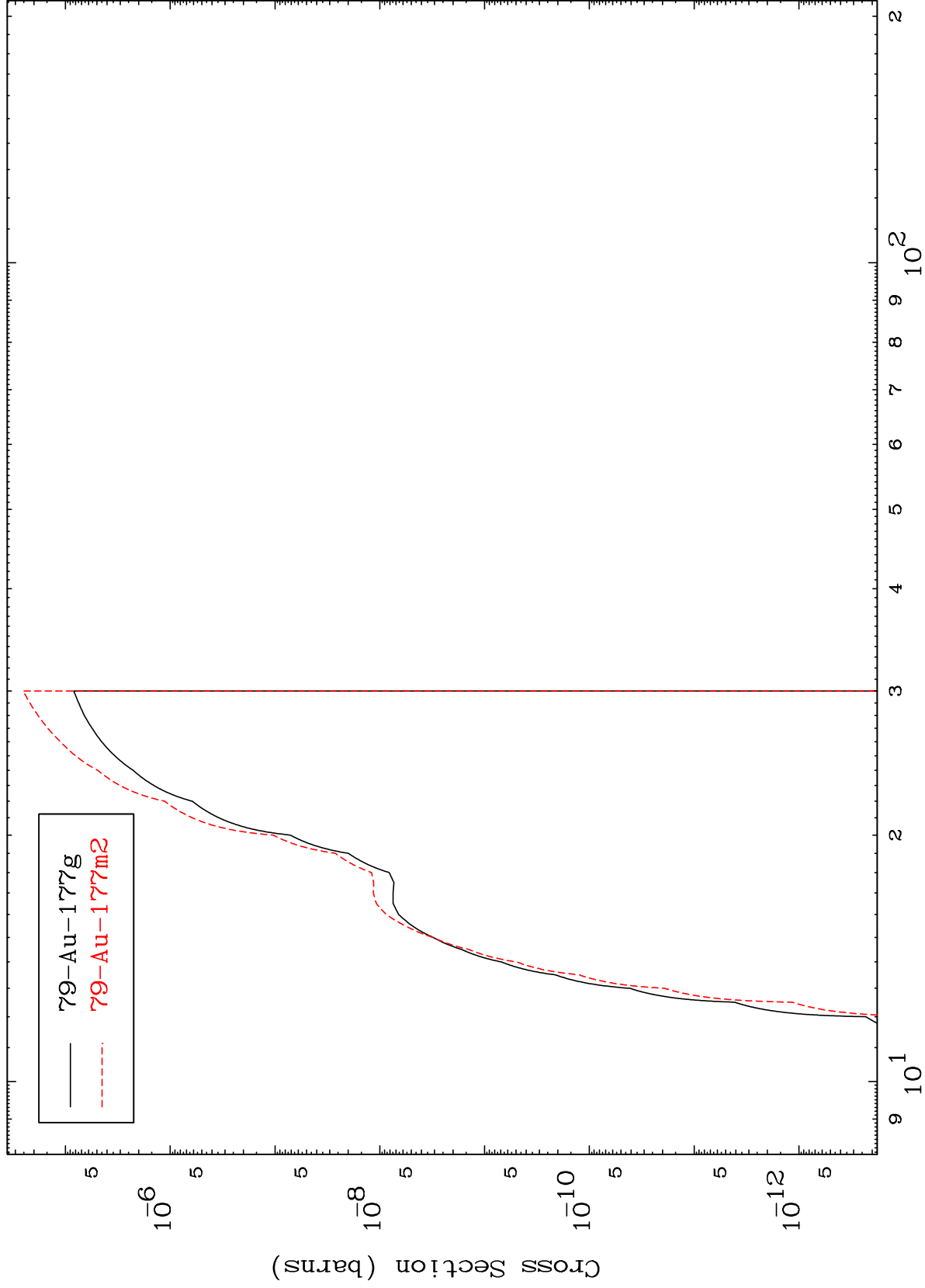
Incident Energy (MeV)

15

MAT 7974

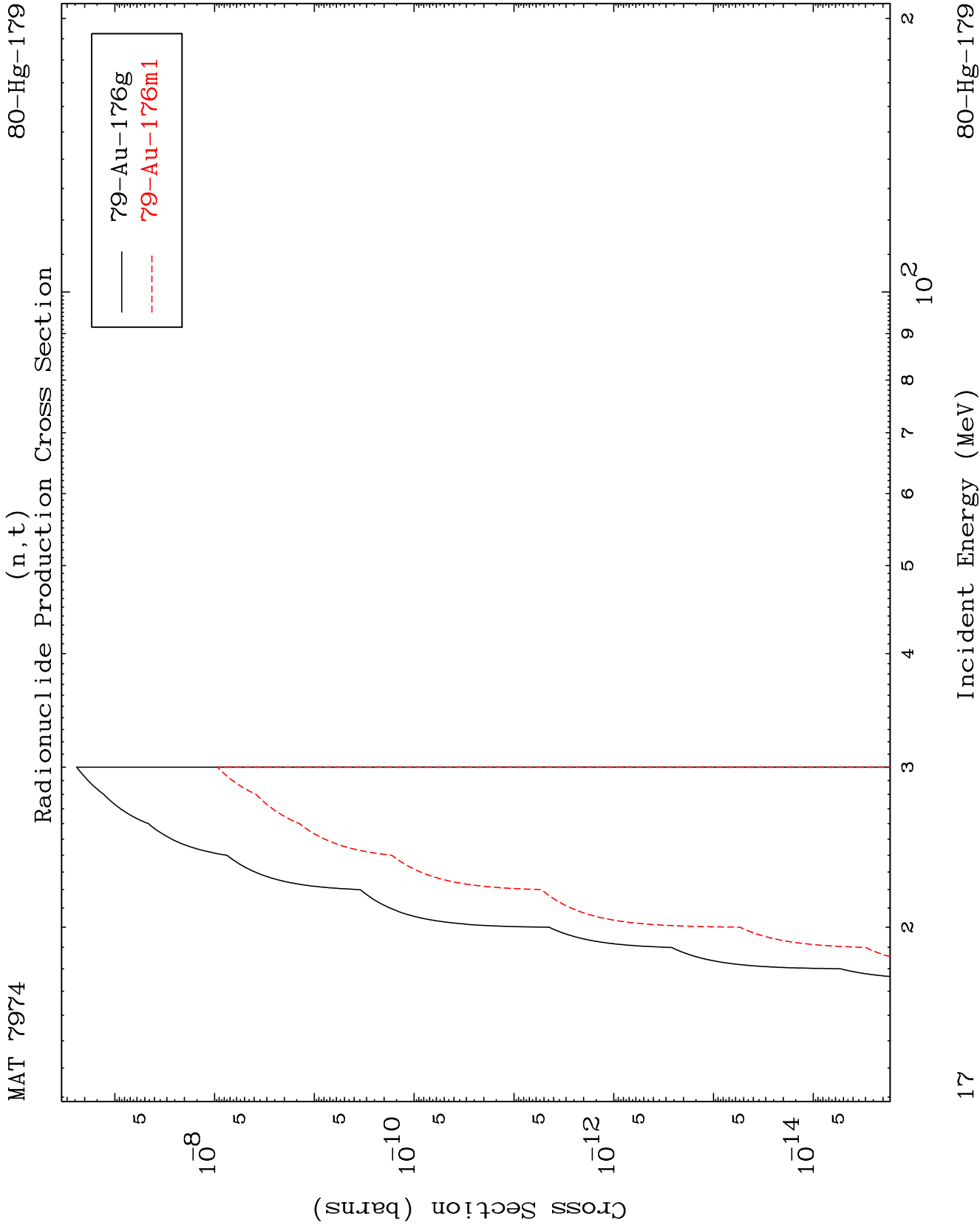
80-Hg-179

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-179

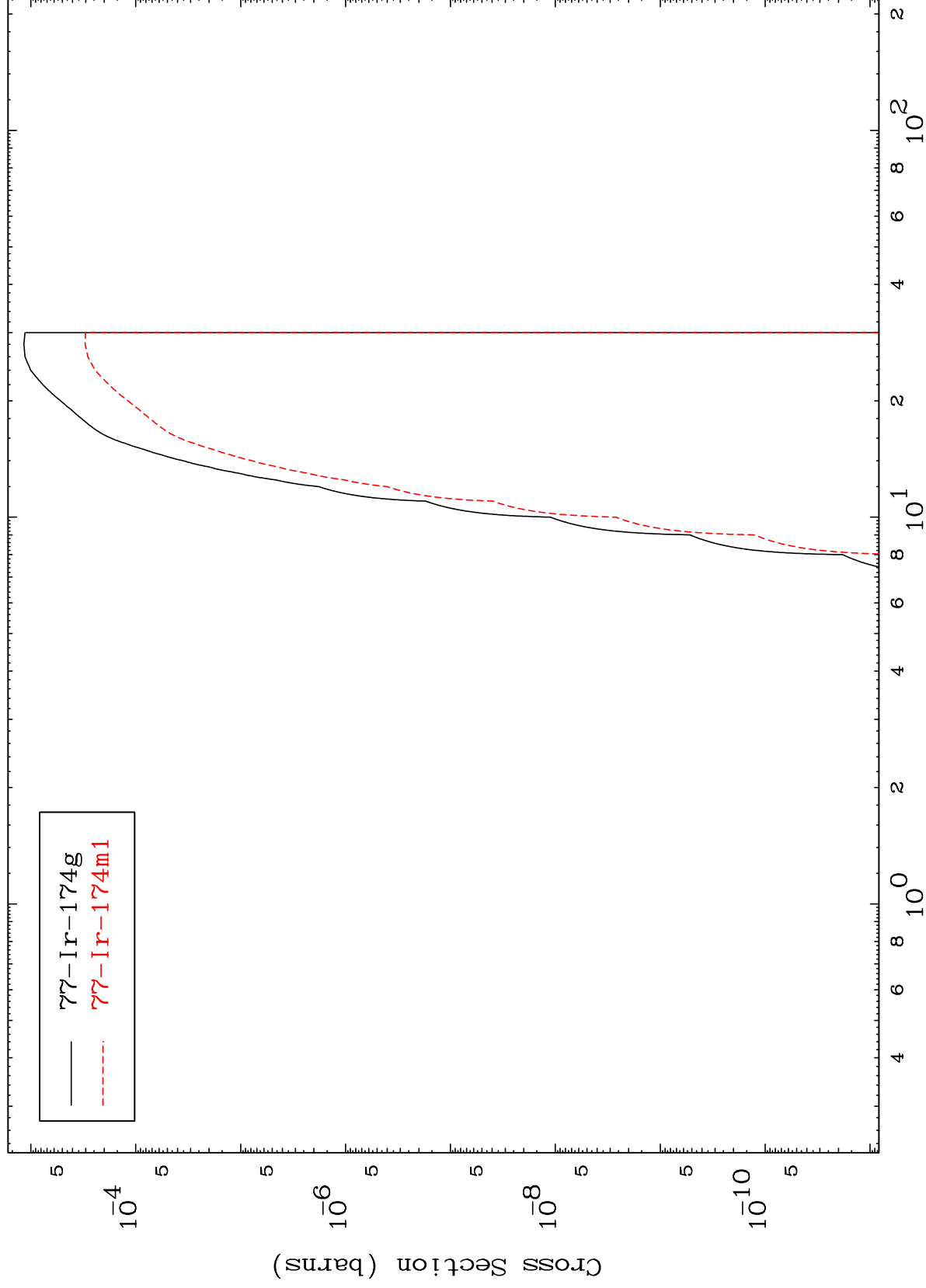


MAT 7974

(n,p) α

80-Hg-179

Radionuclide Production Cross Section



18

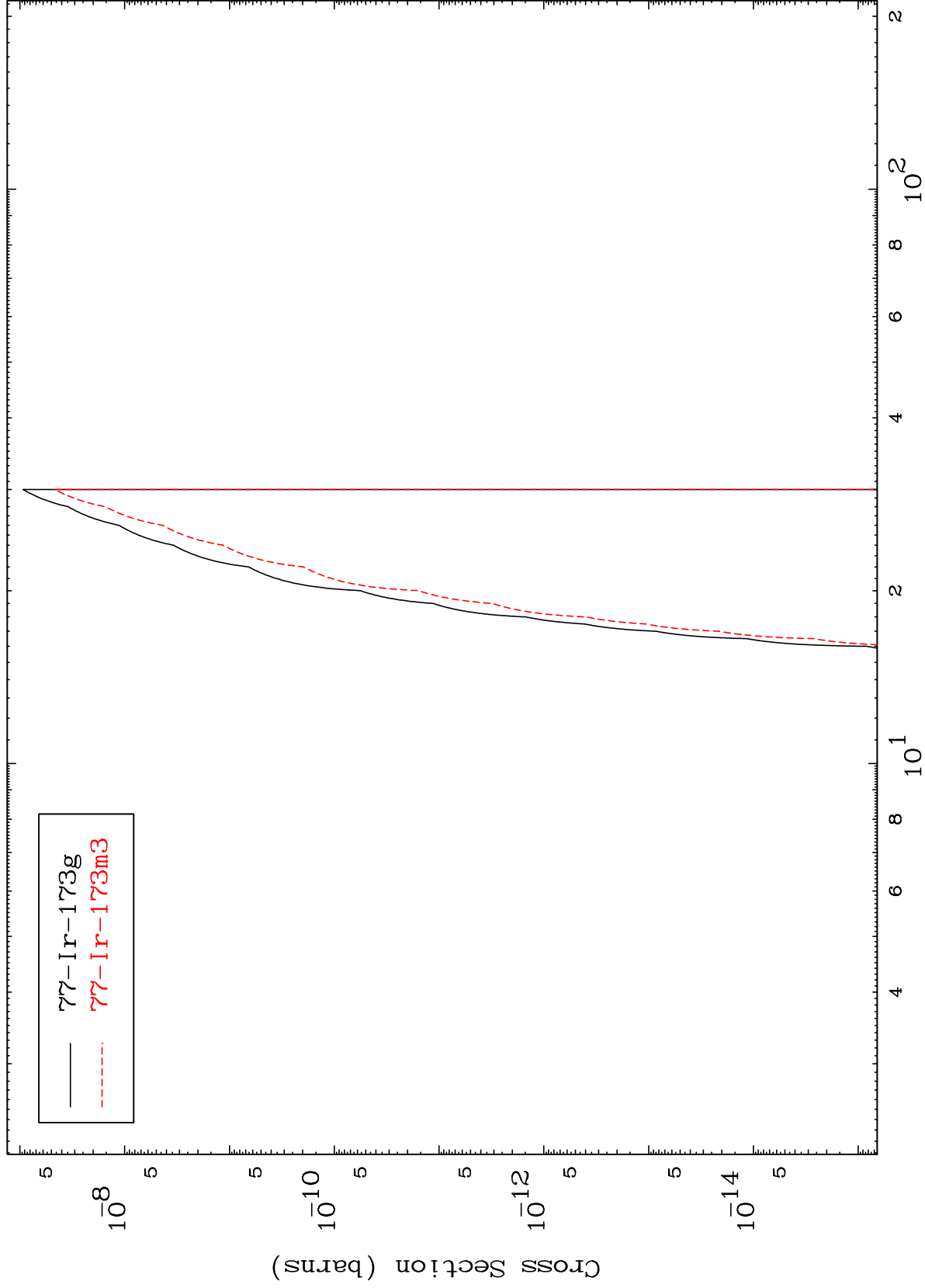
Incident Energy (MeV)

80-Hg-179

MAT 7974

80-Hg-179

(n,d) α
Radionuclide Production Cross Section



19

Incident Energy (MeV)

80-Hg-179