

Program EVALPLOT
(Version 2021-1)

by

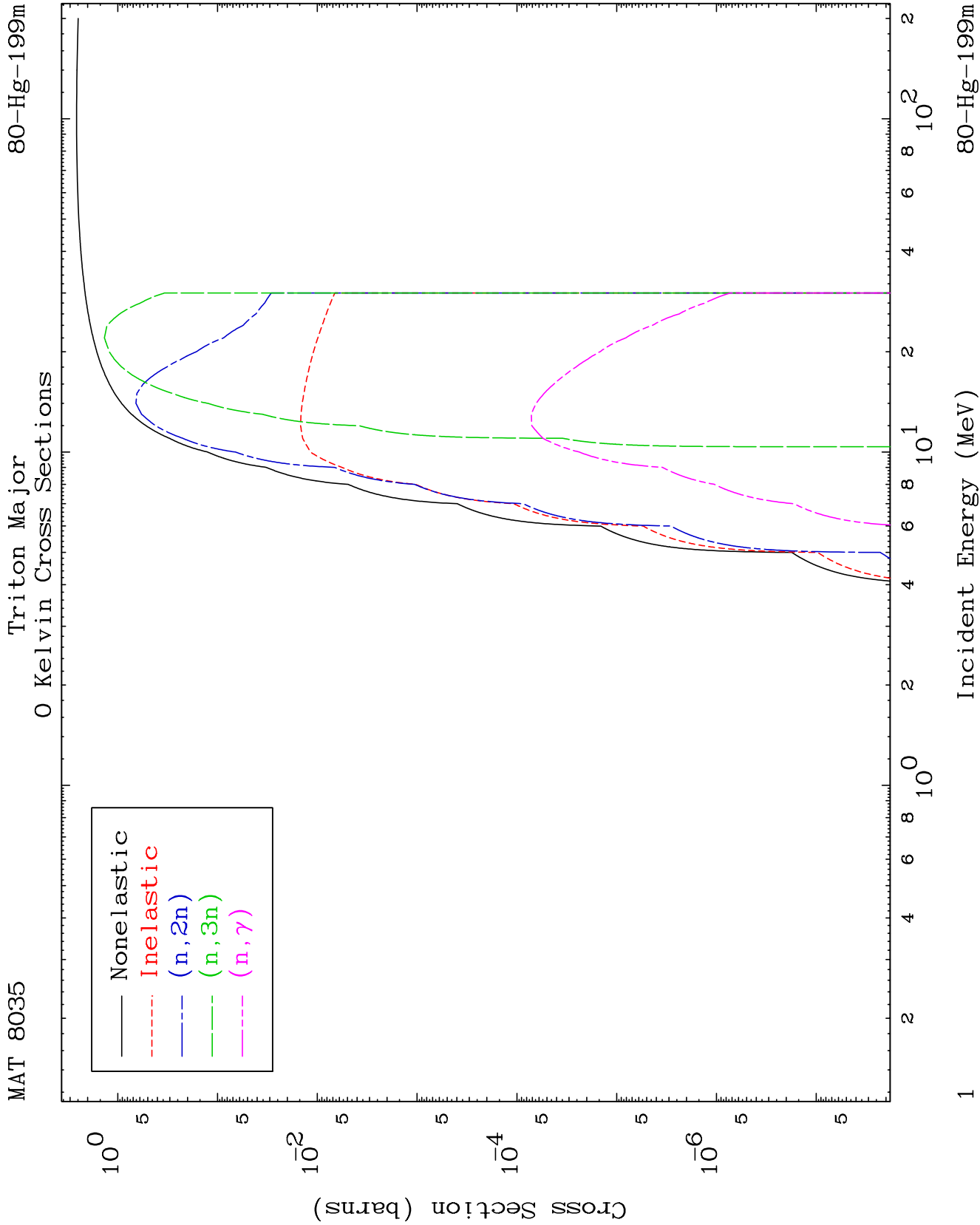
Dermott E. Cullen
(Present Contact Information)

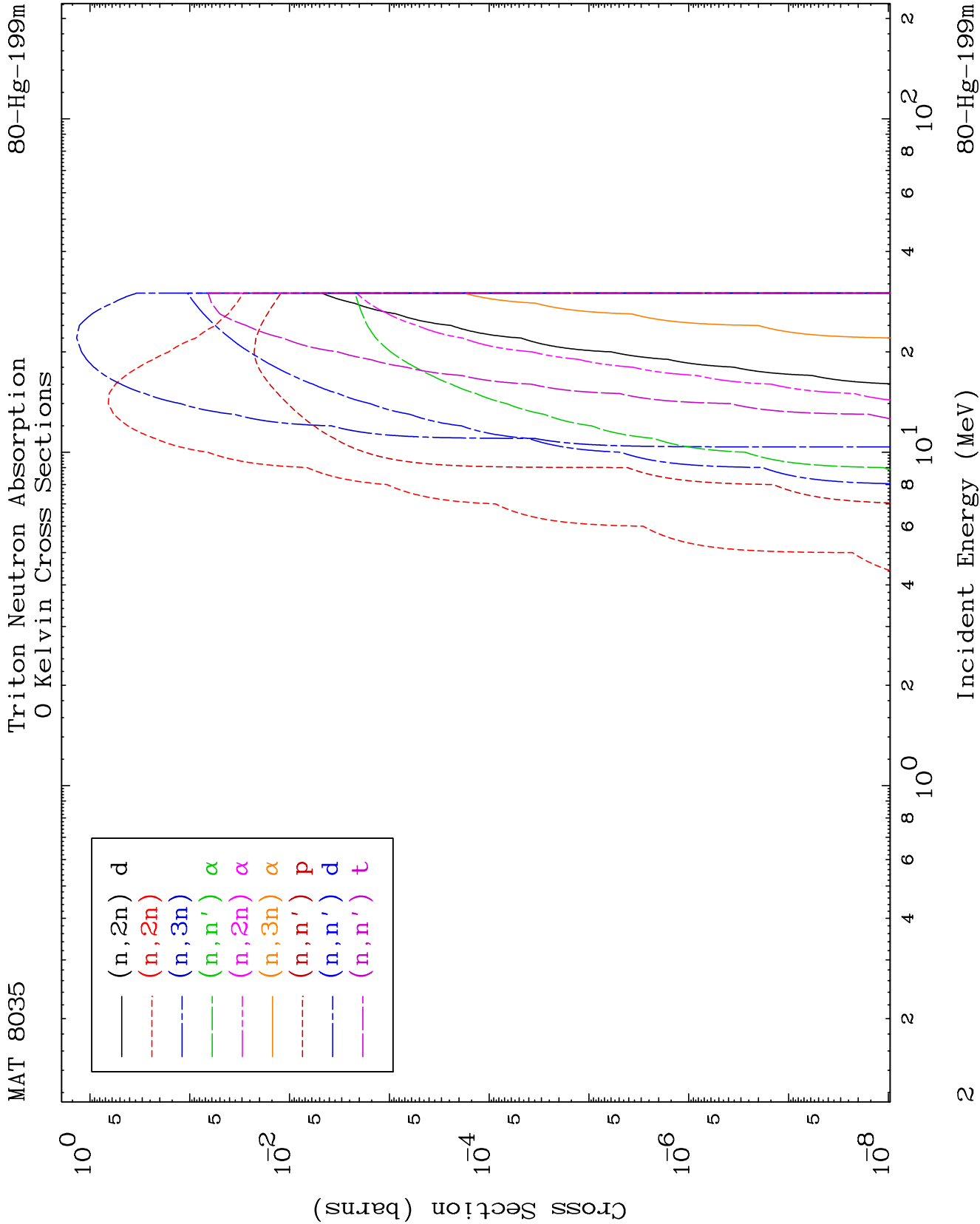
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

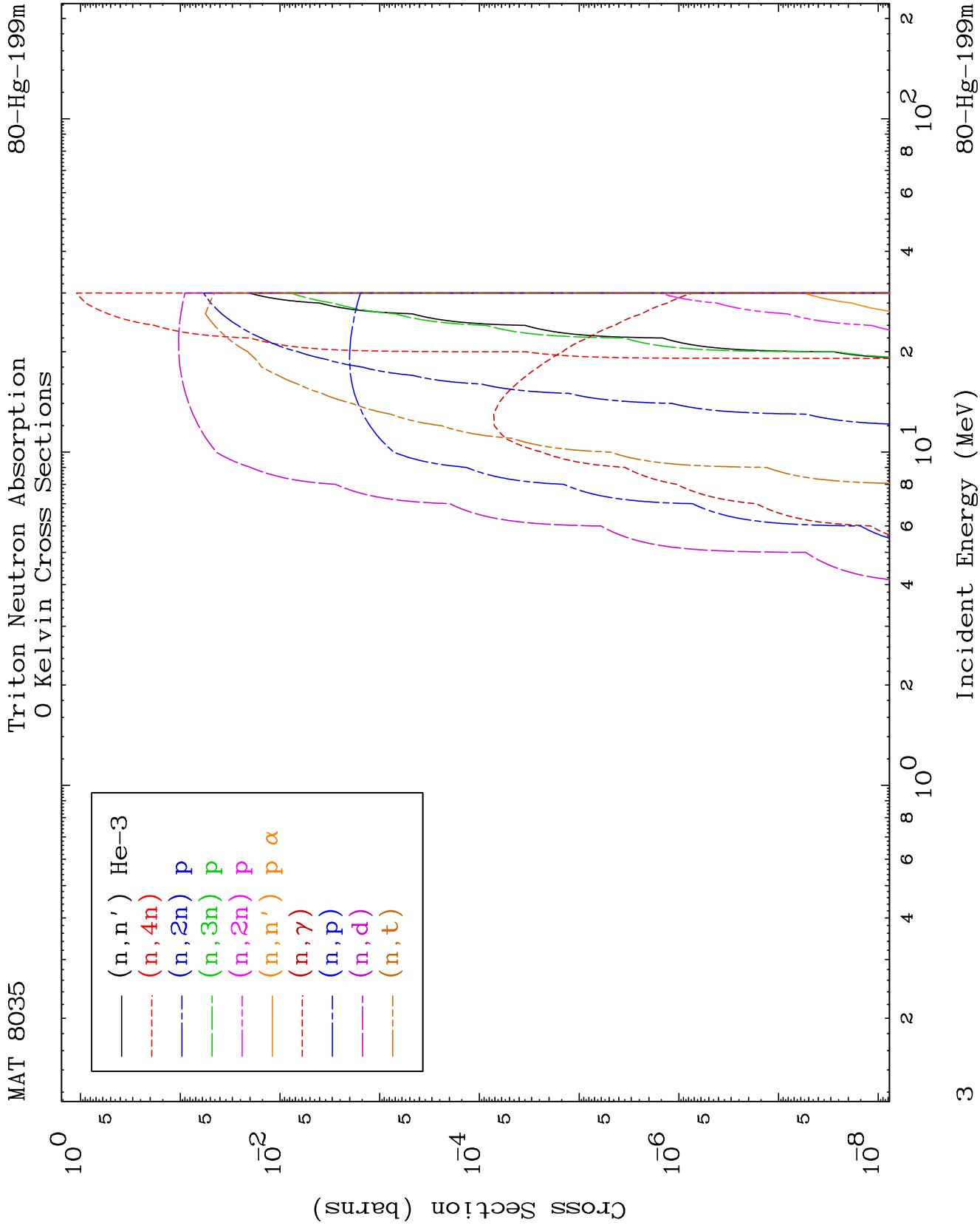
Tele: 925-443-1911

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

Press Mouse Button to Start



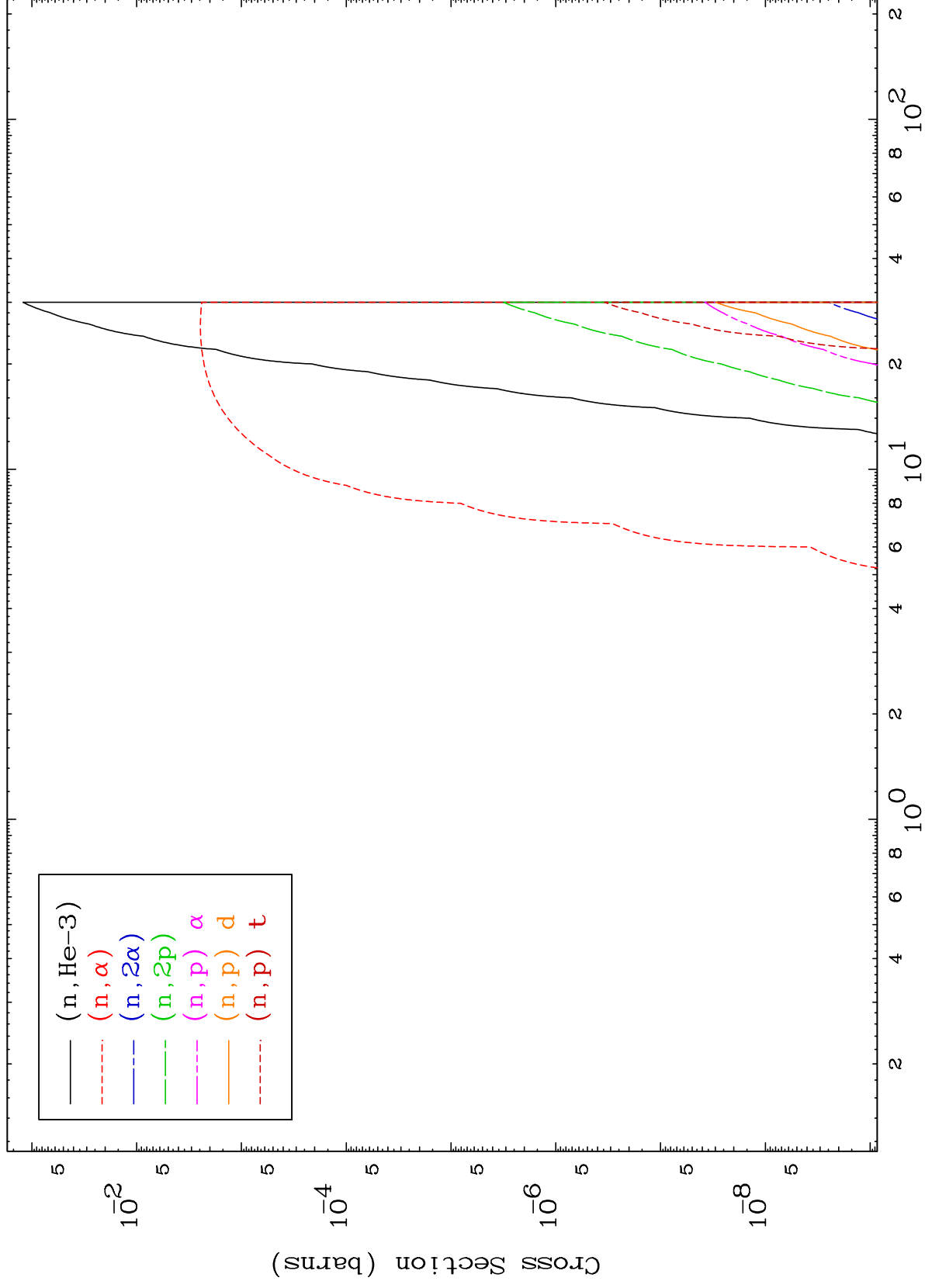


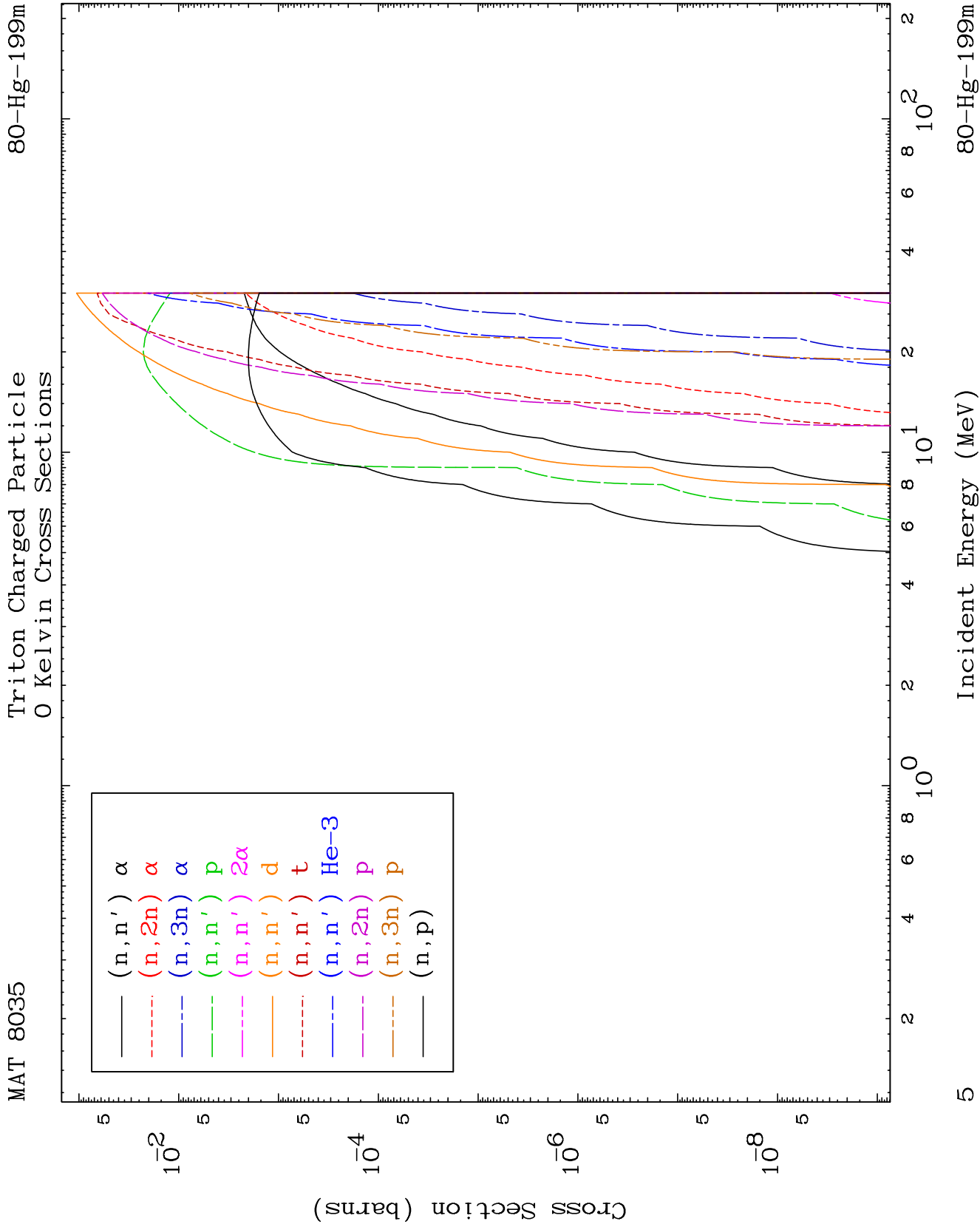


MAT 8035

Triton Neutron Absorption
0 Kelvin Cross Sections

80-Hg-199m

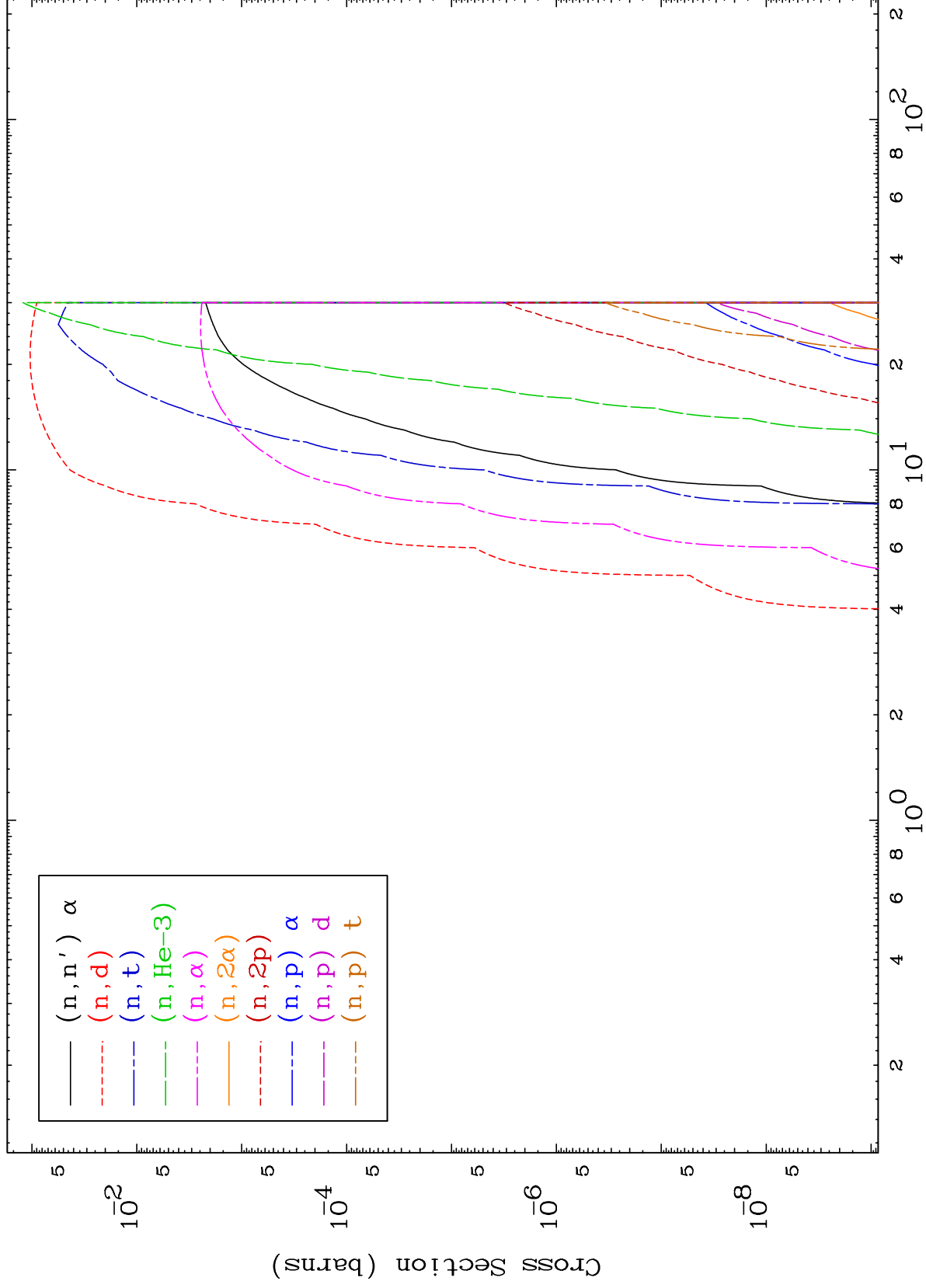




MAT 8035

Triton Charged Particle
0 Kelvin Cross Sections

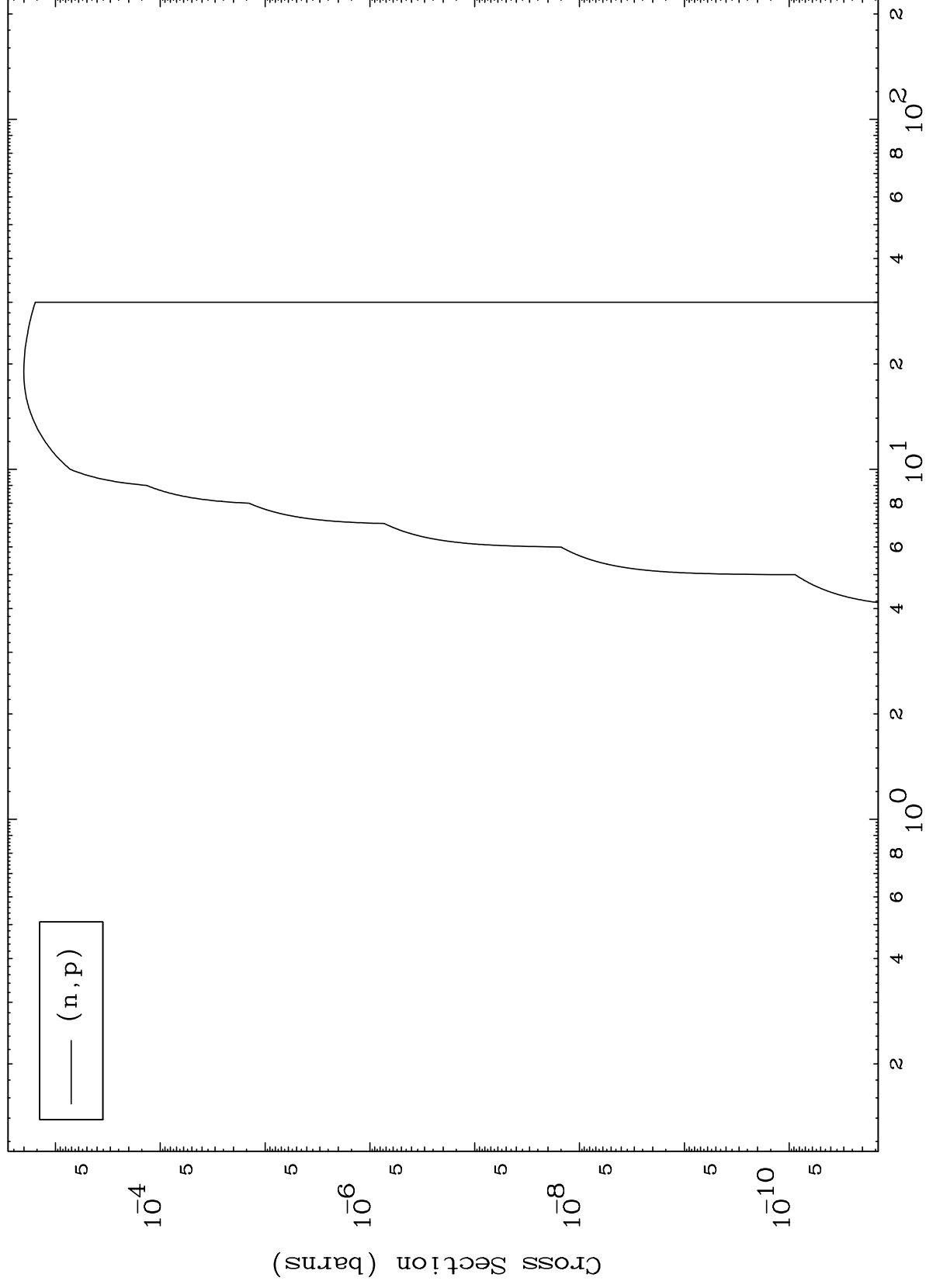
80-Hg-199m



MAT 8035

(t,p) Levels
0 Kelvin Cross Sections

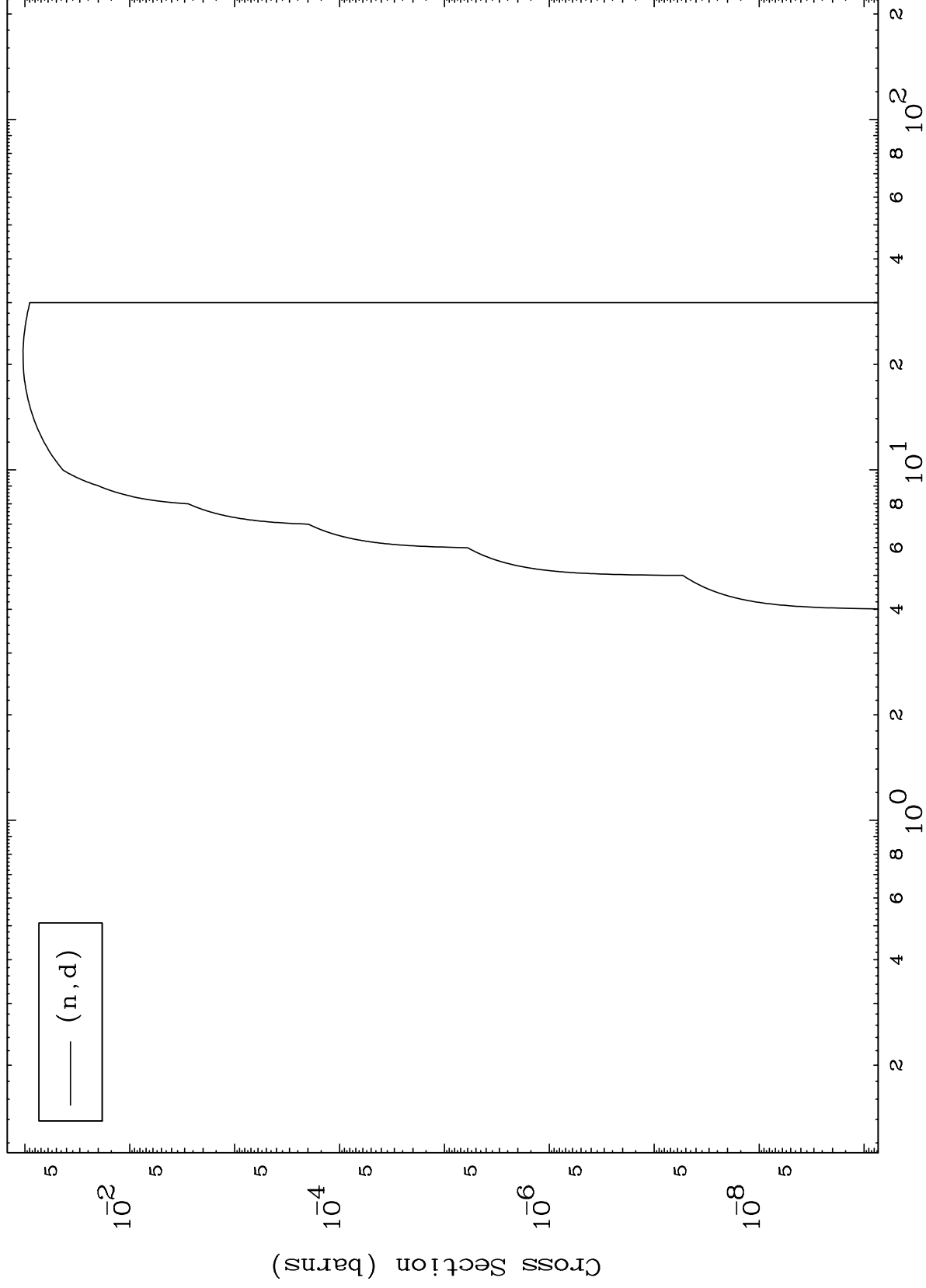
80-Hg-199m



MAT 8035

80-Hg-199m

(t,d) Levels
0 Kelvin Cross Sections



8

Incident Energy (MeV)

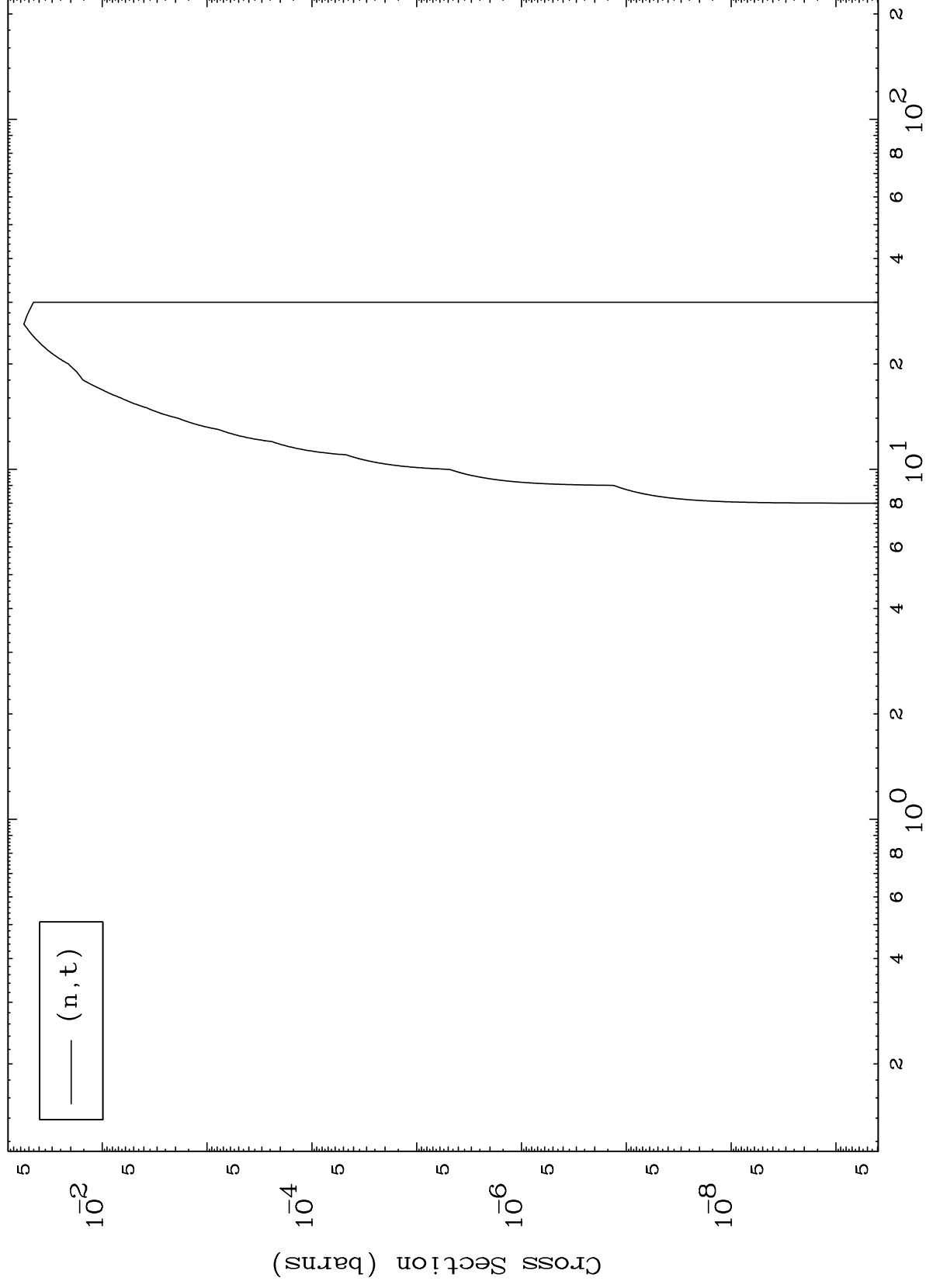
80-Hg-199m

MAT 8035

(t,t) Levels

80-Hg-199m

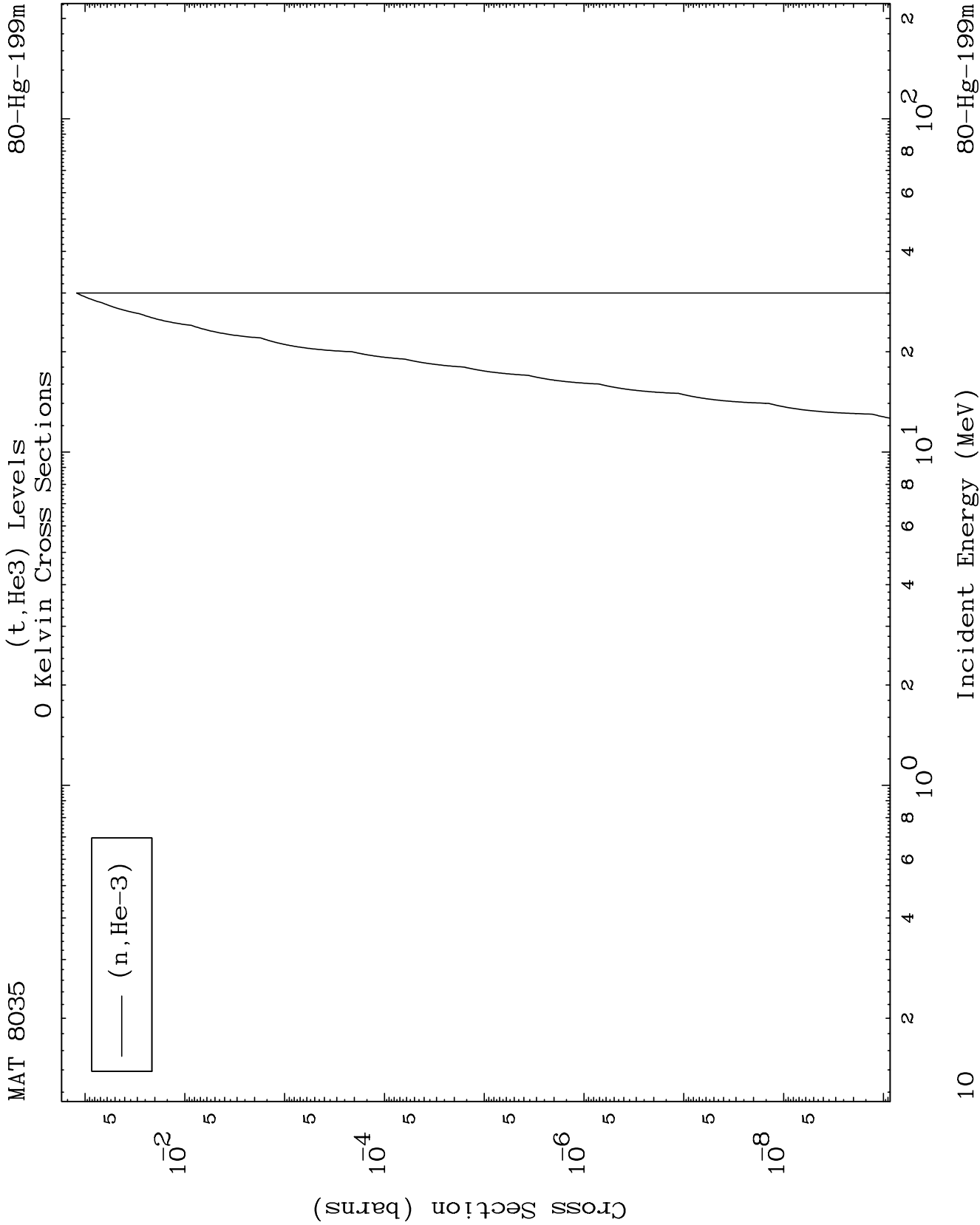
0 Kelvin Cross Sections



9

Incident Energy (MeV)

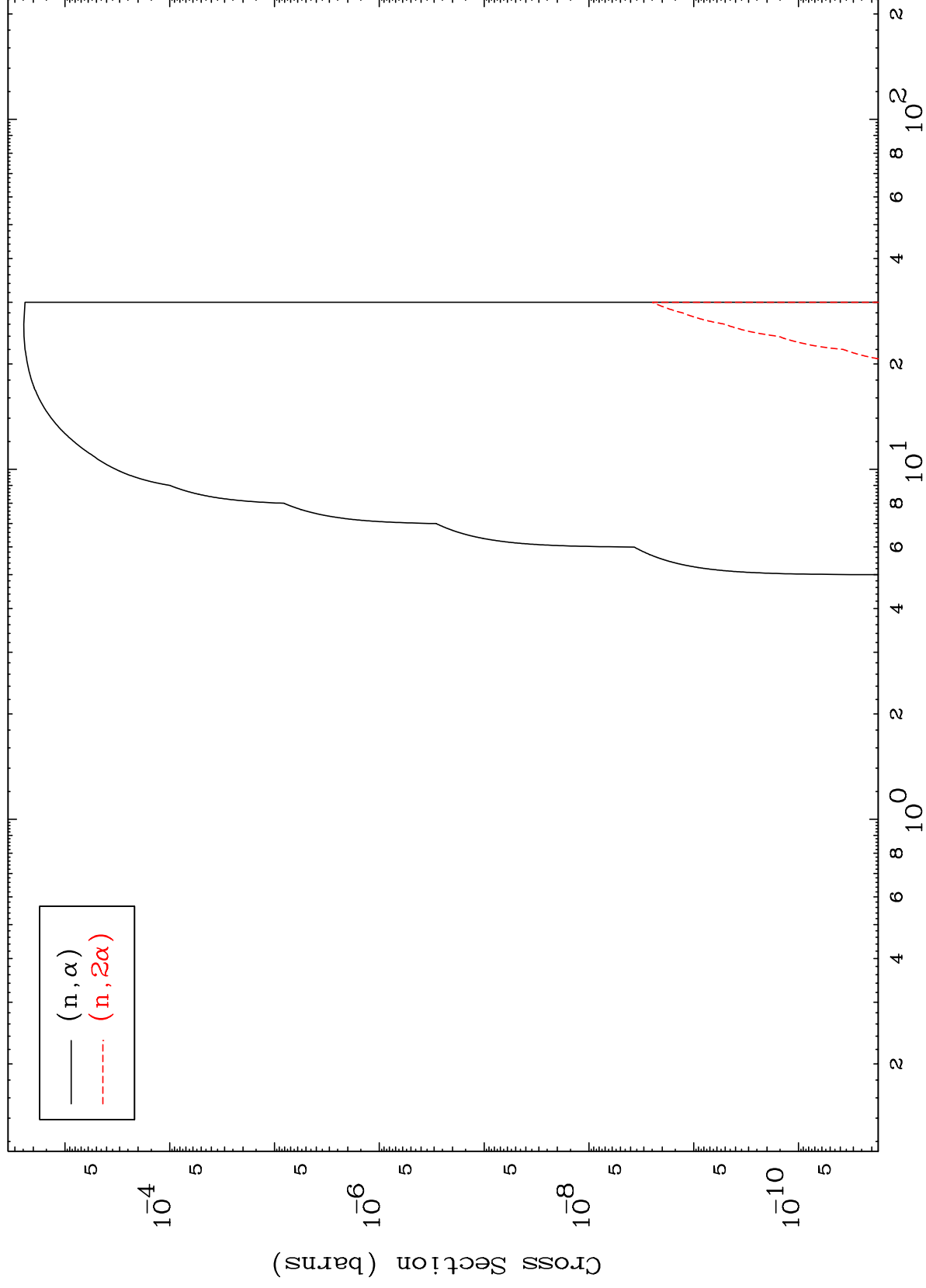
80-Hg-199m



MAT 8035

(t, α) Levels
0 Kelvin Cross Sections

80-Hg-199m

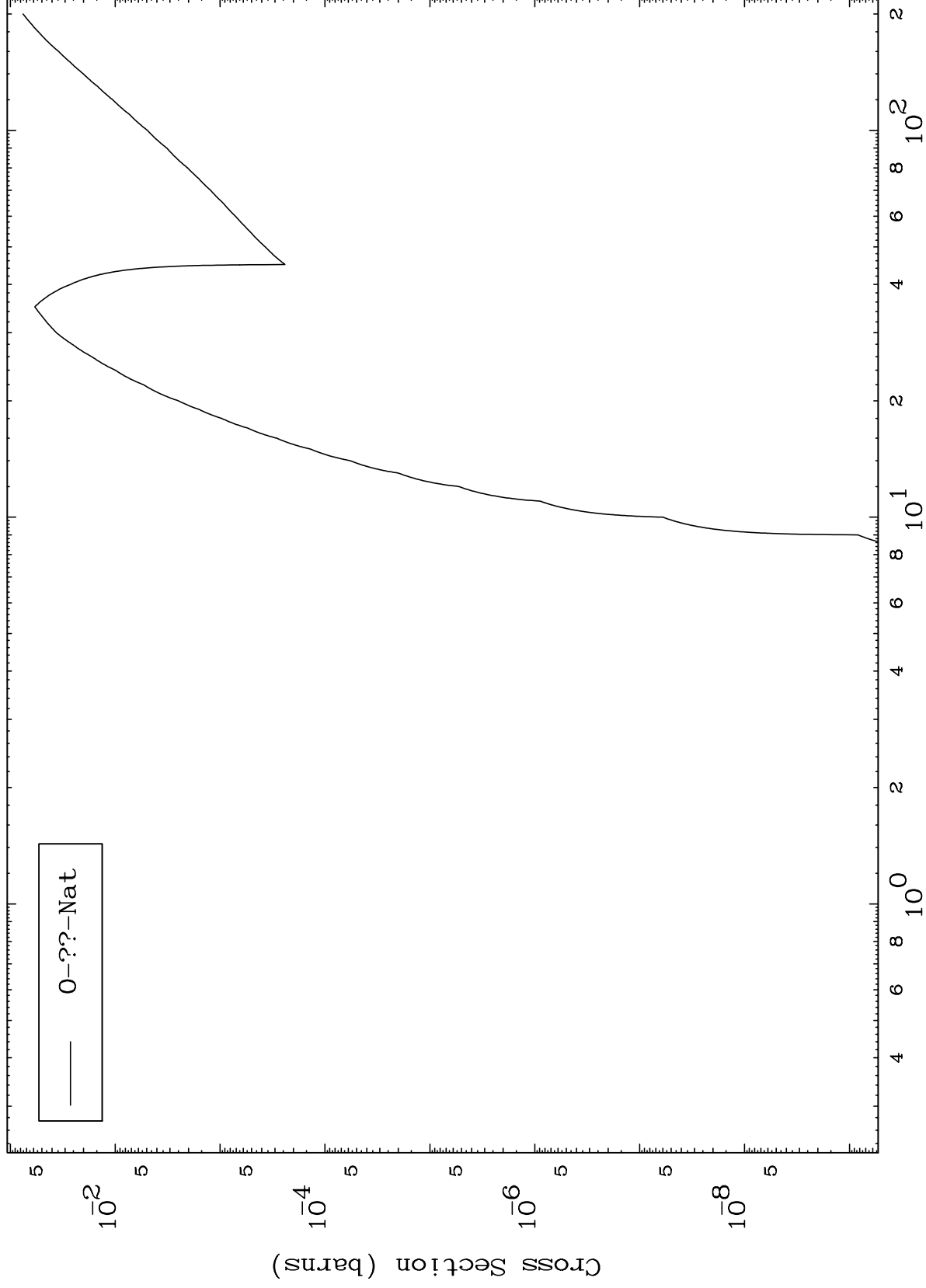


MAT 8035

Fission

80-Hg-199m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

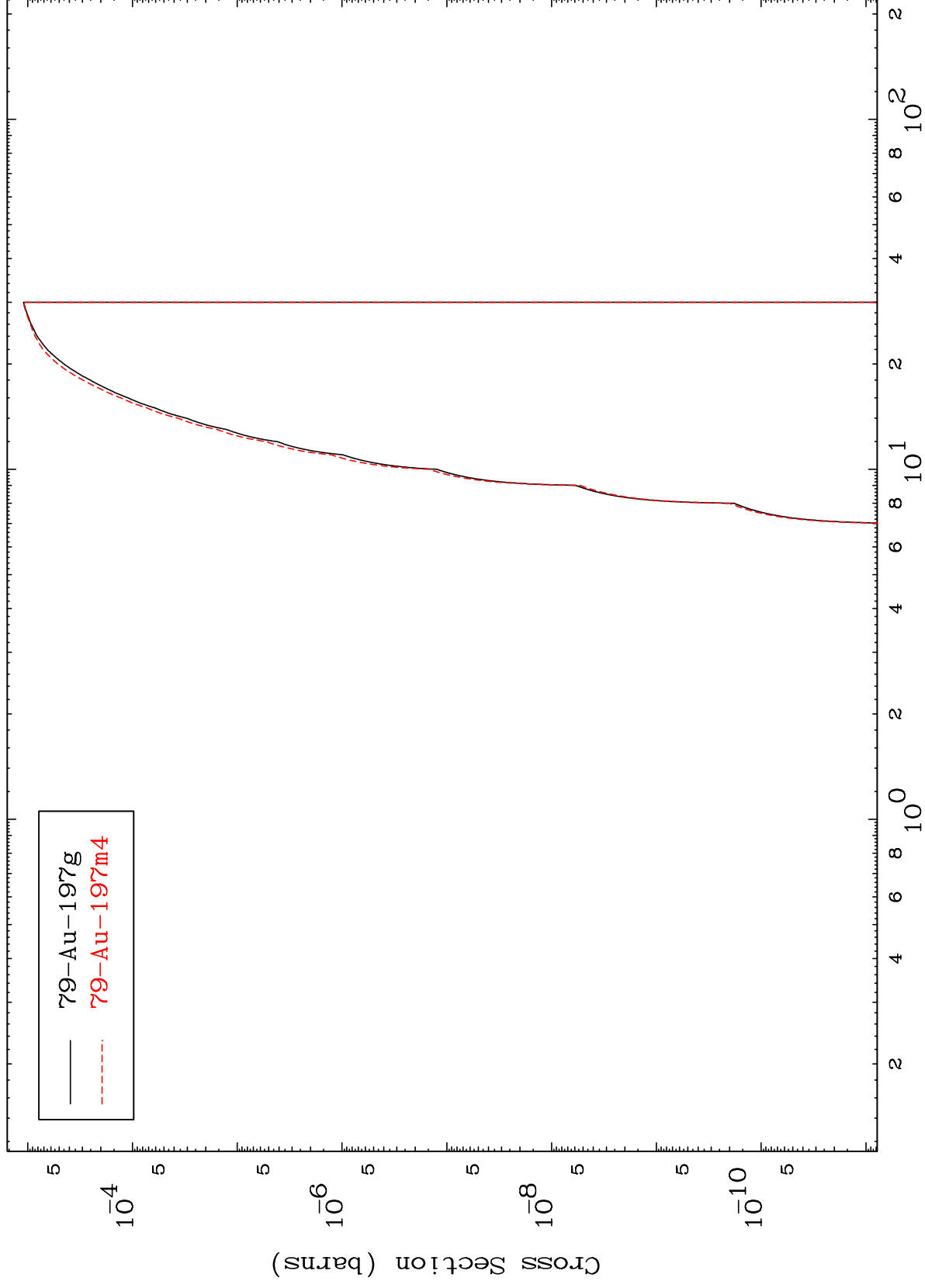
80-Hg-199m

MAT 8035

$(n,n') \alpha$

80-Hg-199m

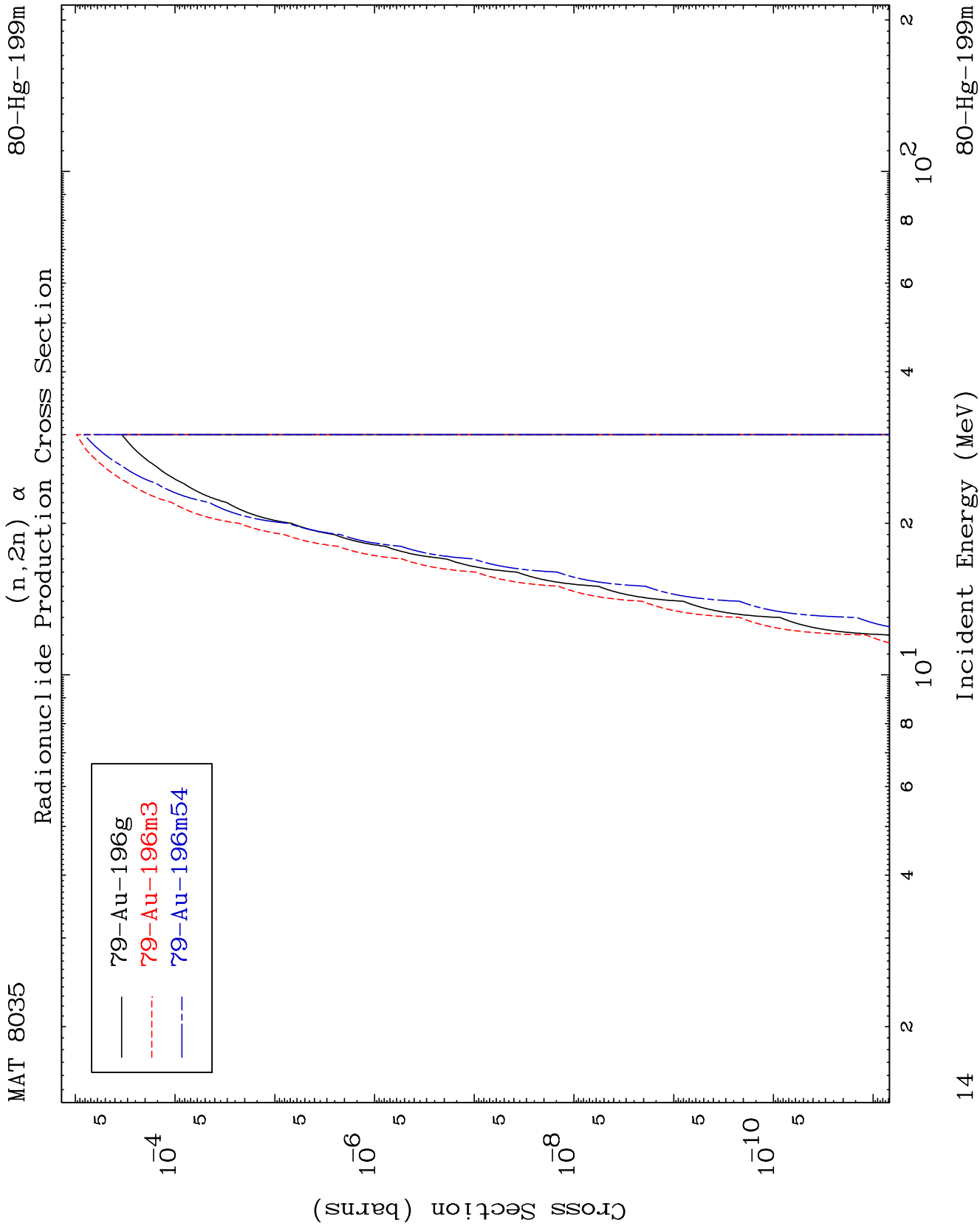
Radionuclide Production Cross Section



13

Incident Energy (MeV)

80-Hg-199m

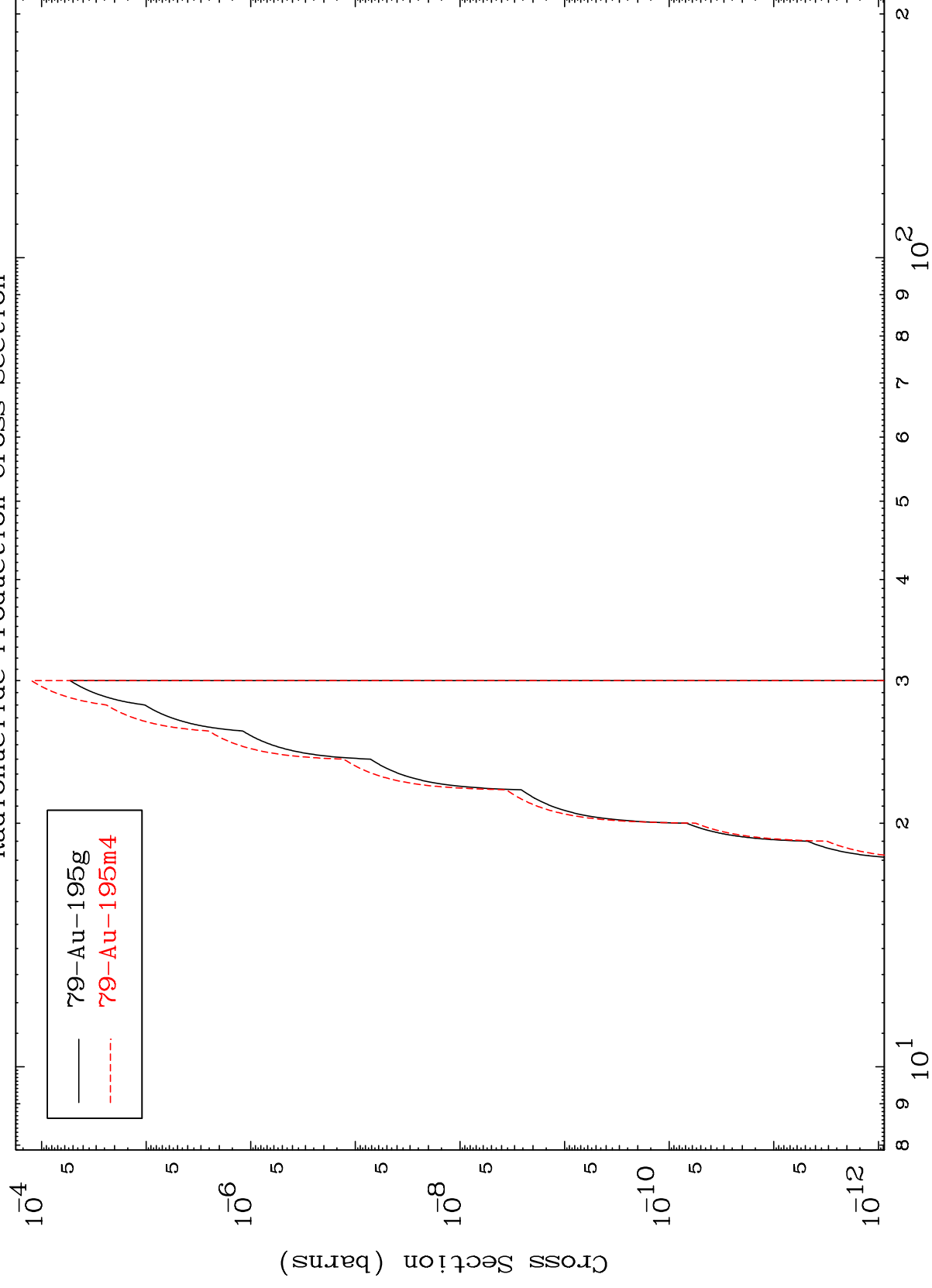


MAT 8035

$$(n, 3n) \propto$$

80-Hg-199m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

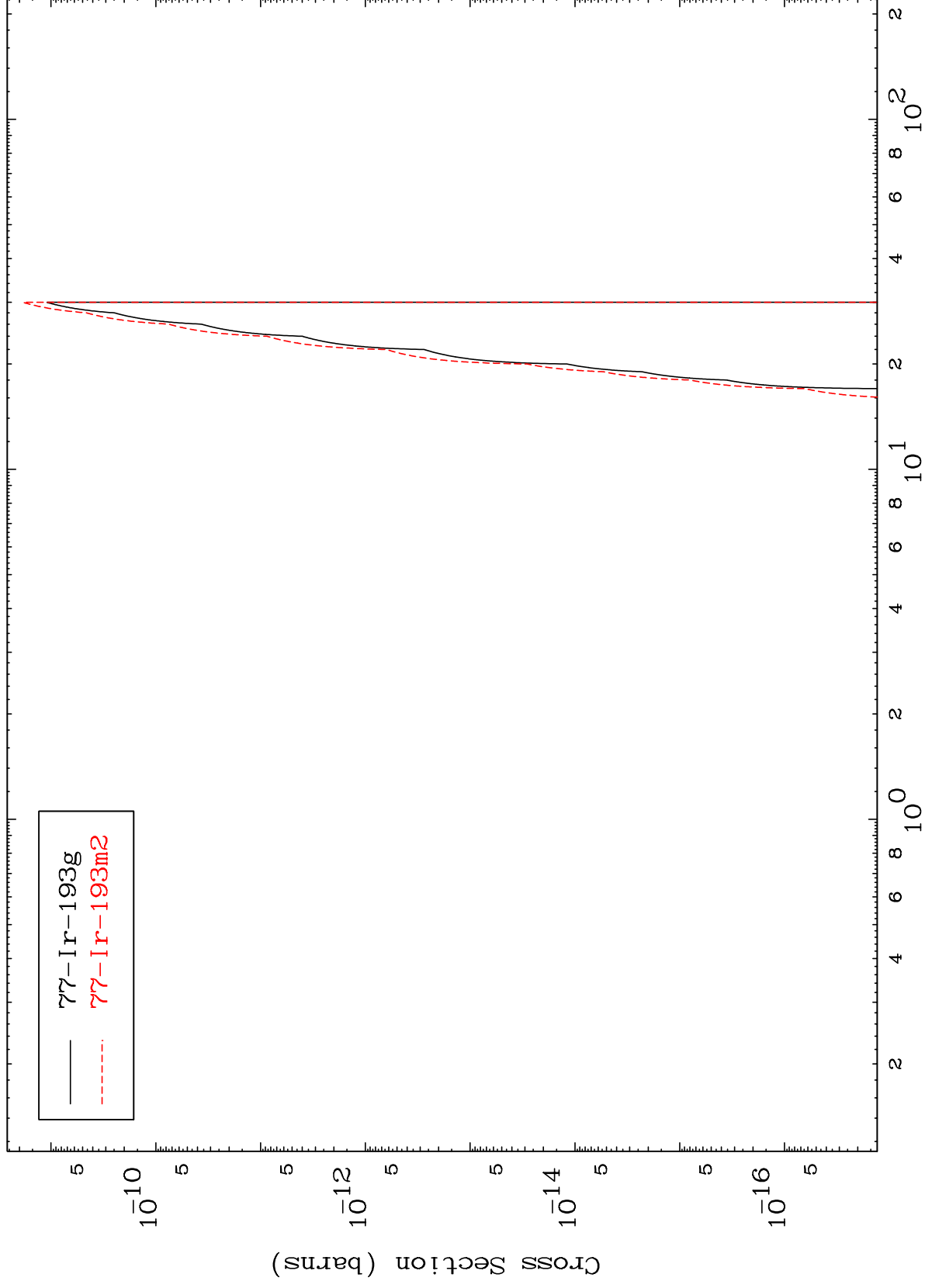
80-Hg-199m

MAT 8035

(n,n') 2 α

80-Hg-199m

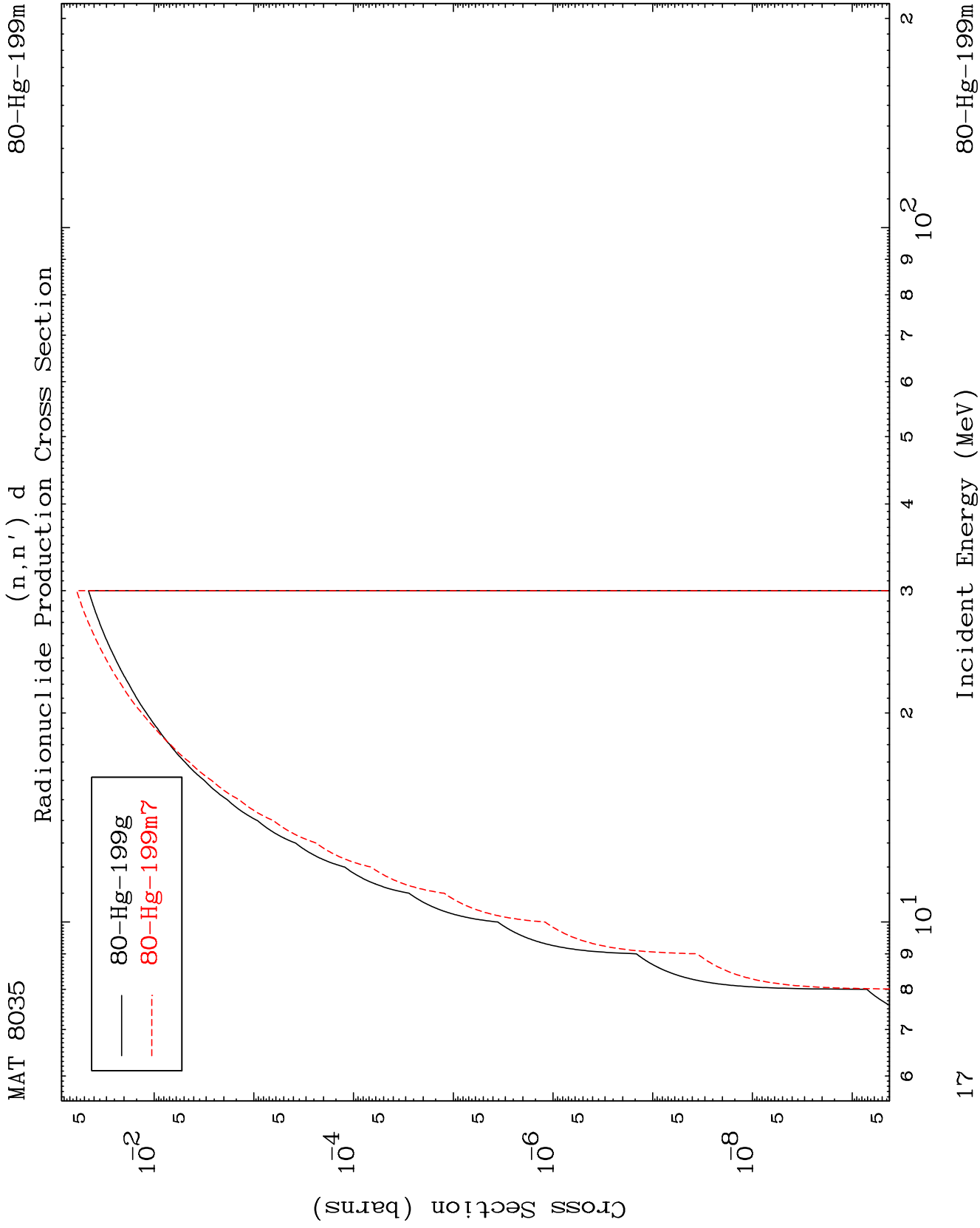
Radionuclide Production Cross Section

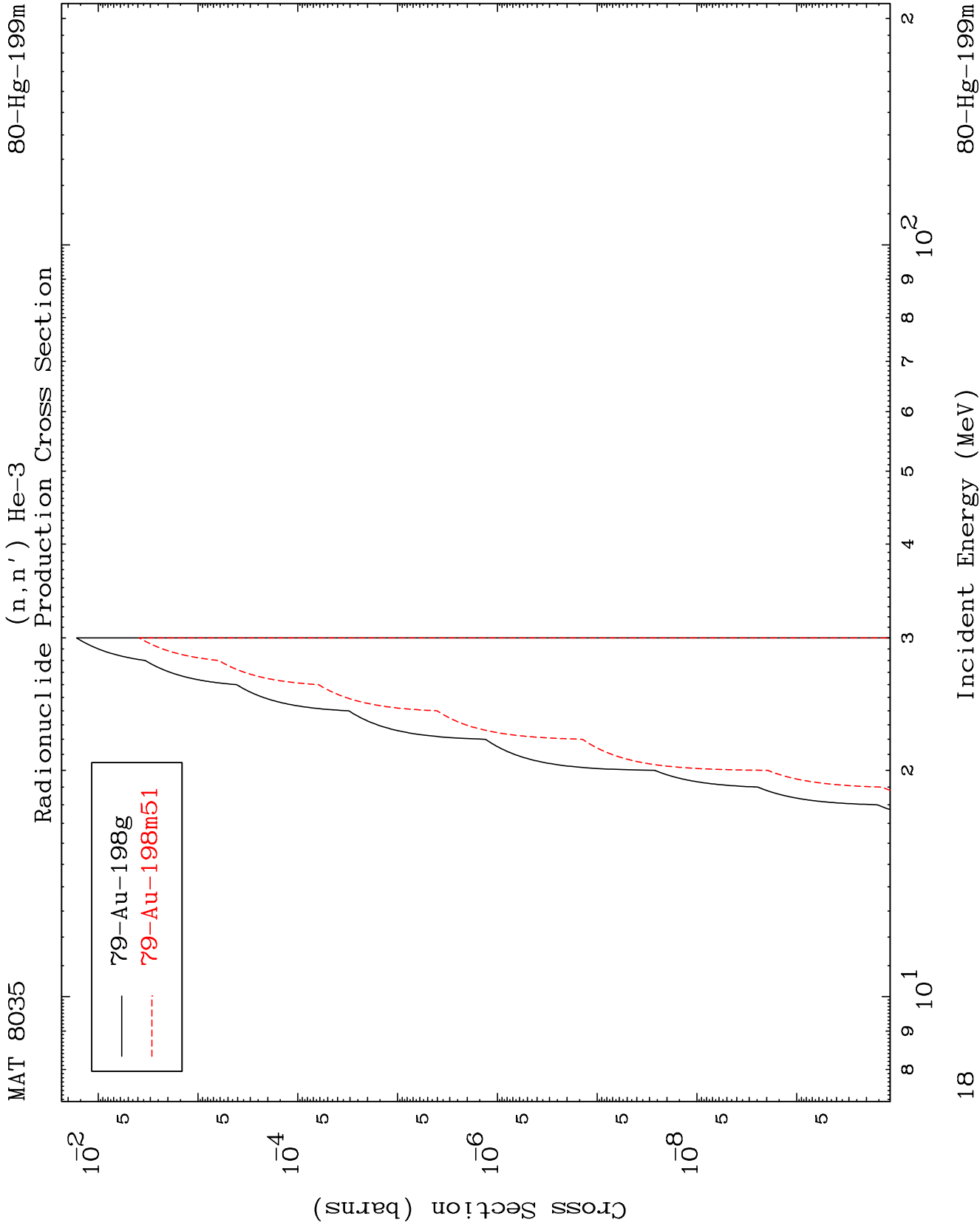


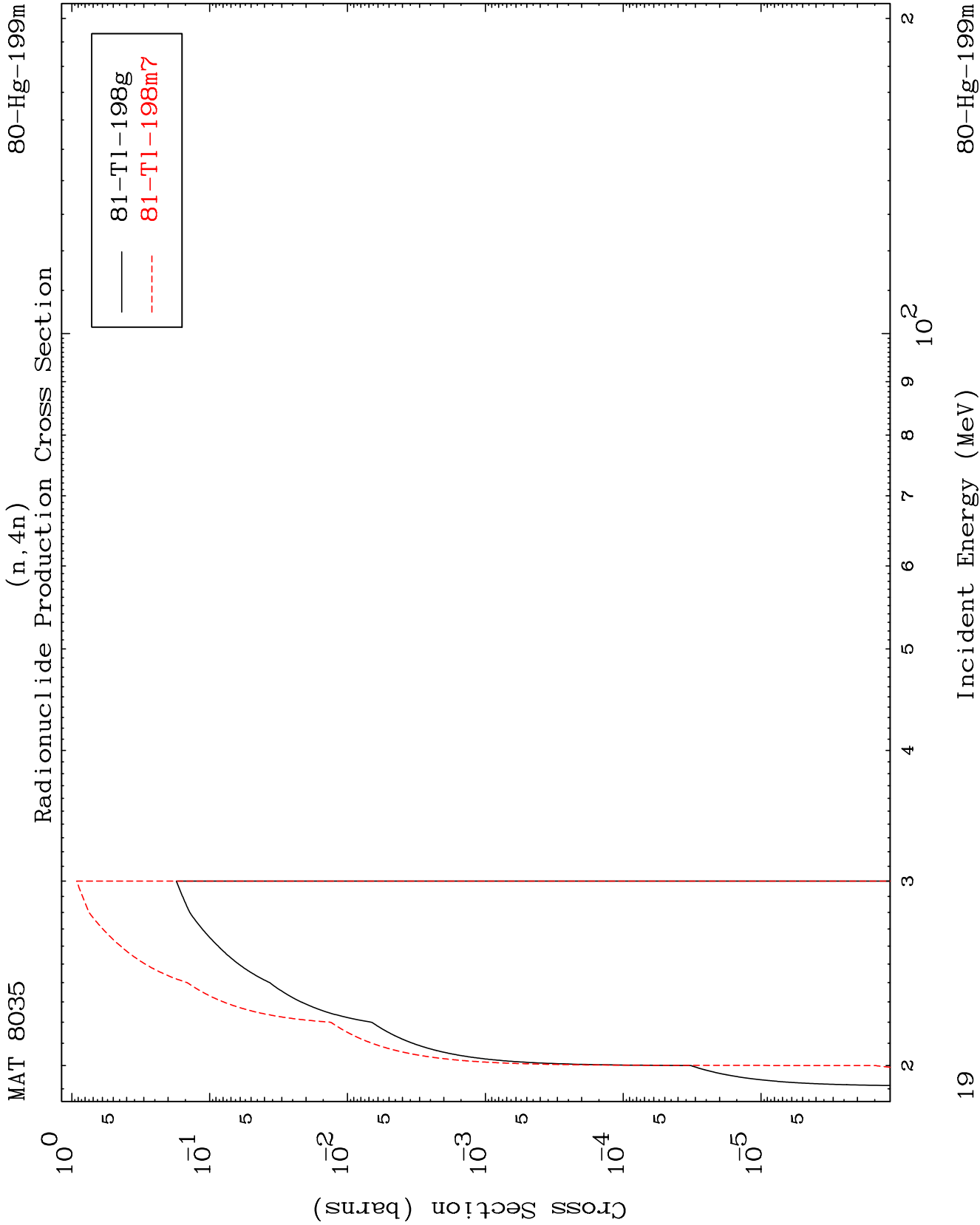
16

Incident Energy (MeV)

80-Hg-199m



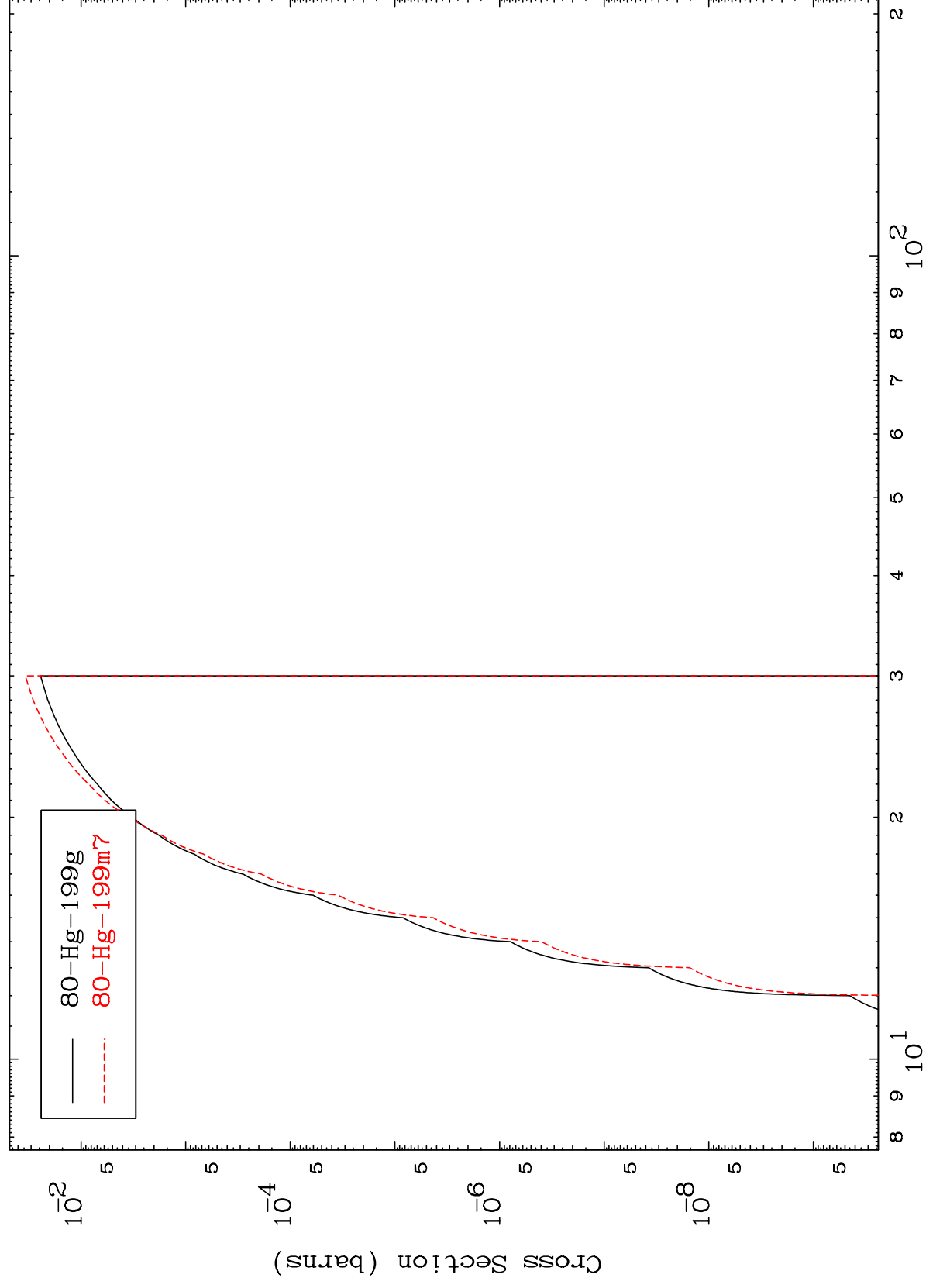




MAT 8035

80-Hg-199m

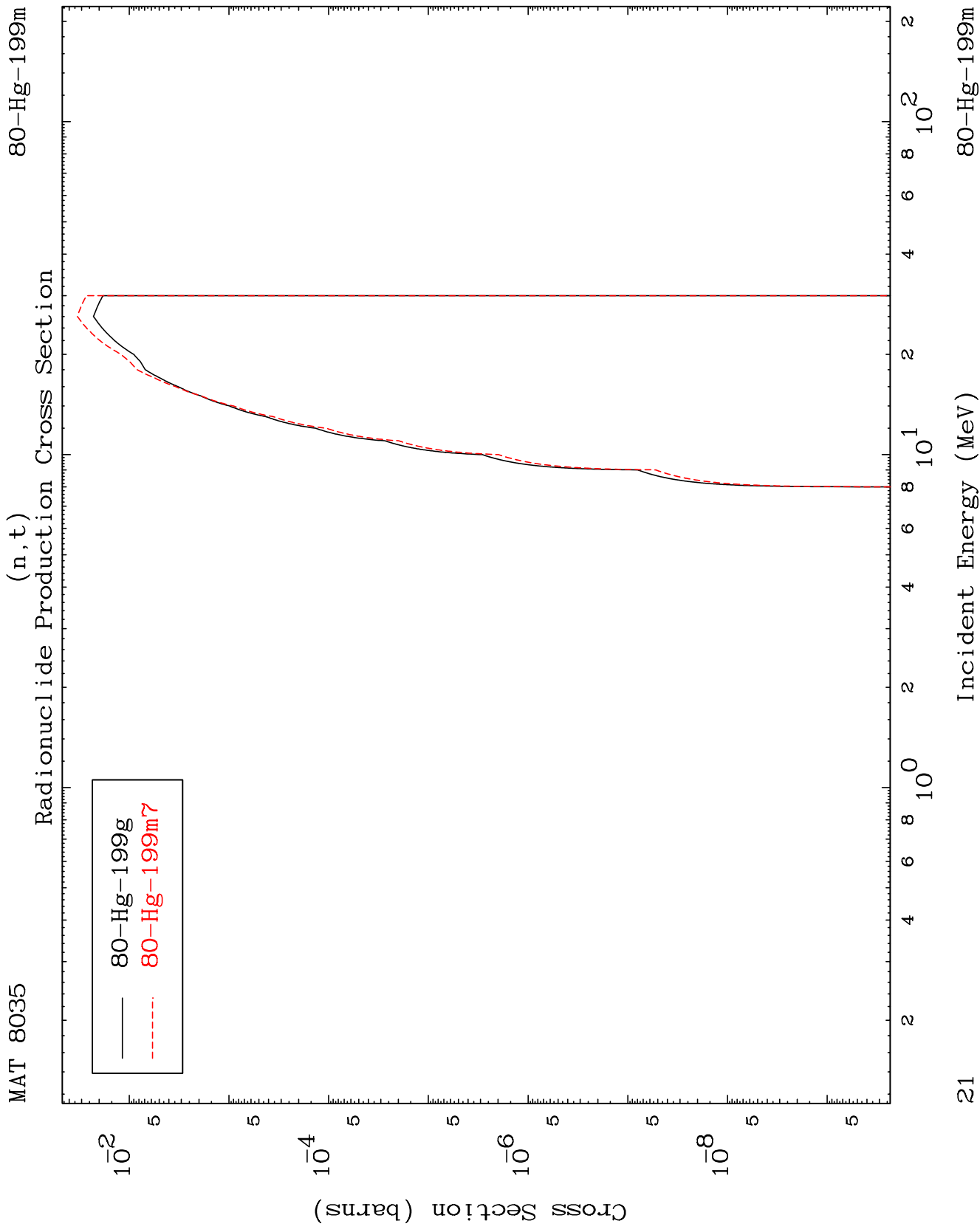
(n,2n) p
Radionuclide Production Cross Section



20

Incident Energy (MeV)

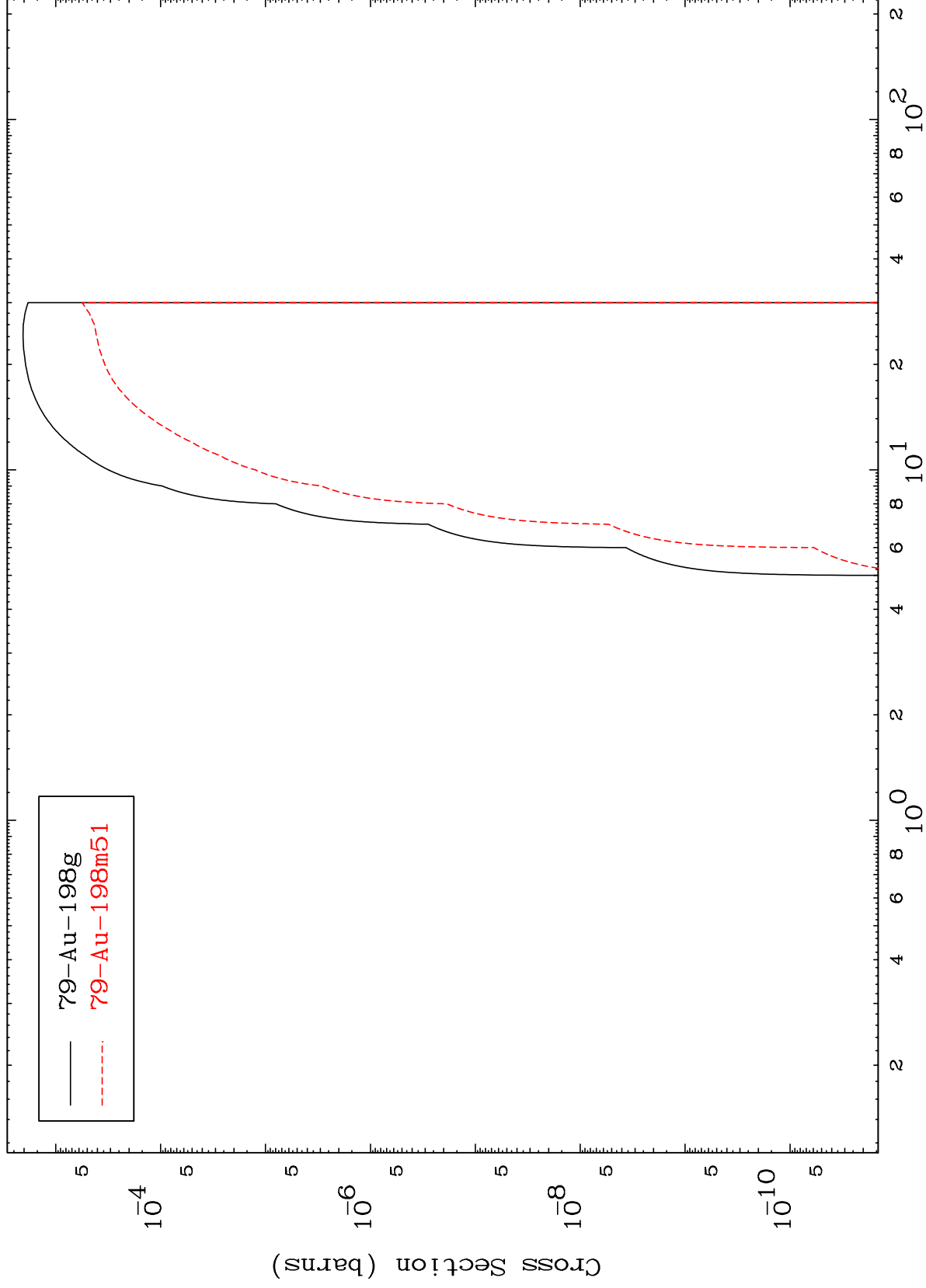
80-Hg-199m



MAT 8035

80-Hg-199m

Radionuclide Production Cross Section



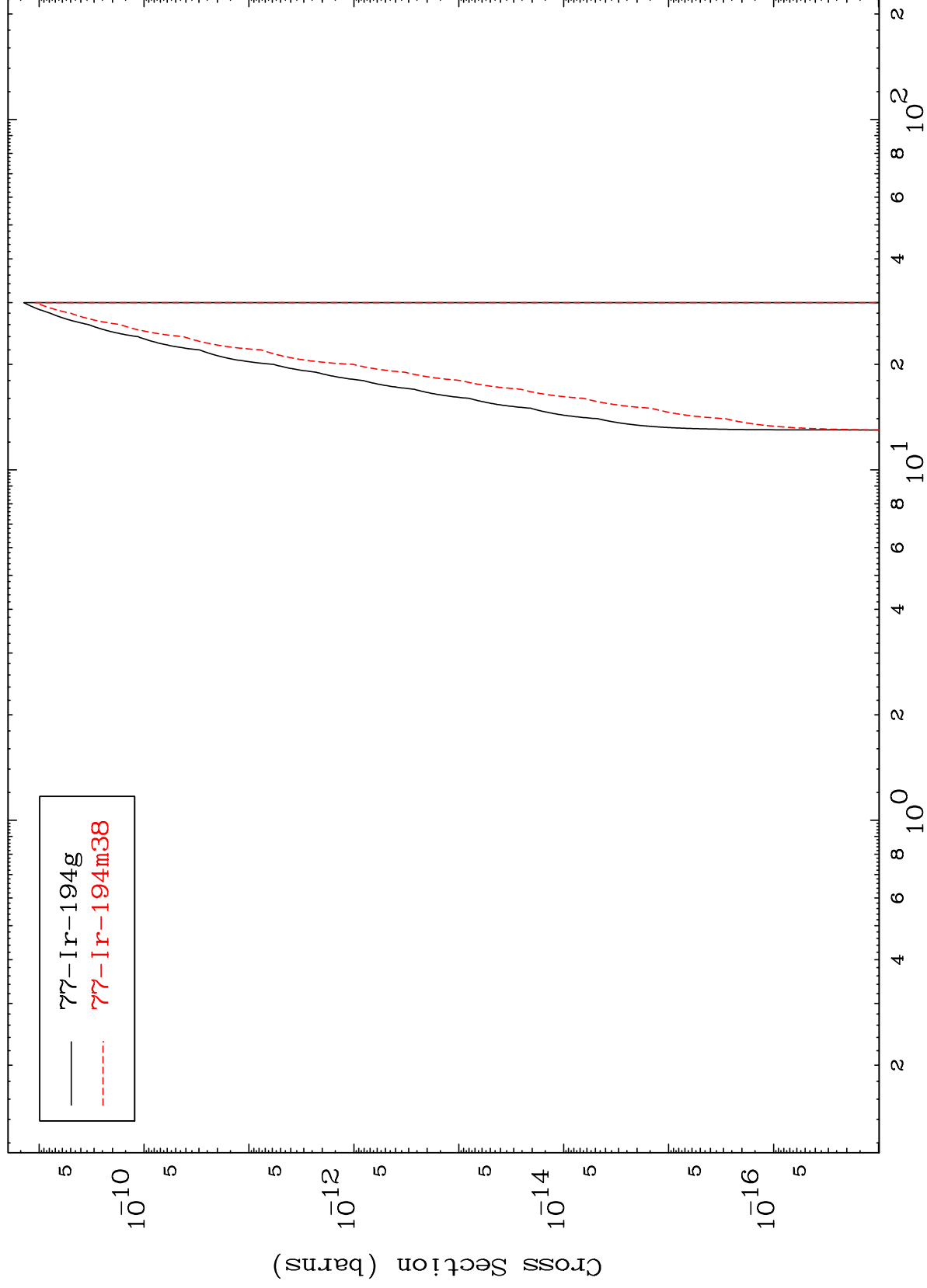
22

80-Hg-199m

MAT 8035

80-Hg-199m

Radionuclide Production Cross Section
(n,2 α)



23

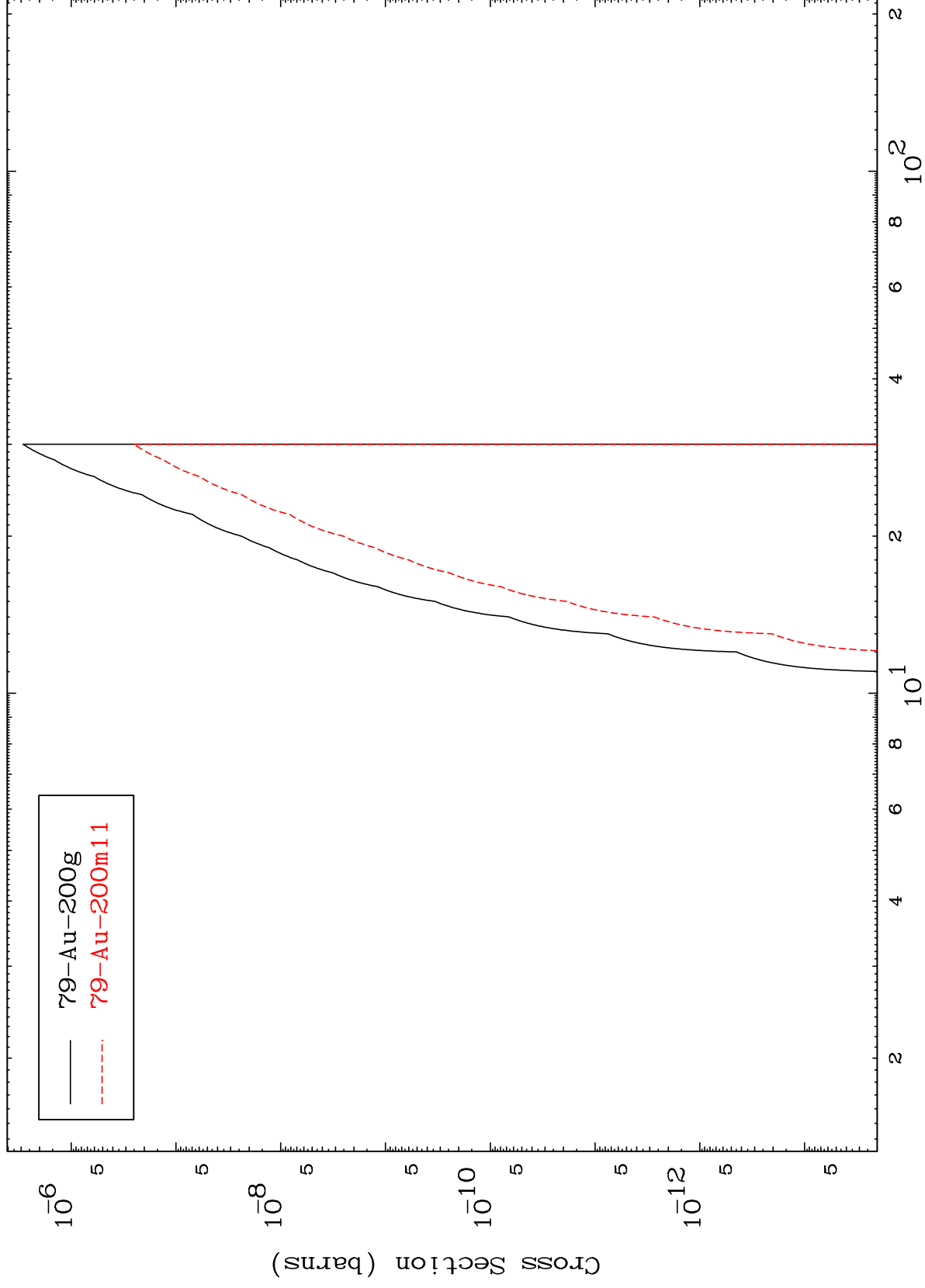
Incident Energy (MeV)

80-Hg-199m

MAT 8035

Radionuclide Production Cross Section
(n,2p)

80-Hg-199m



24

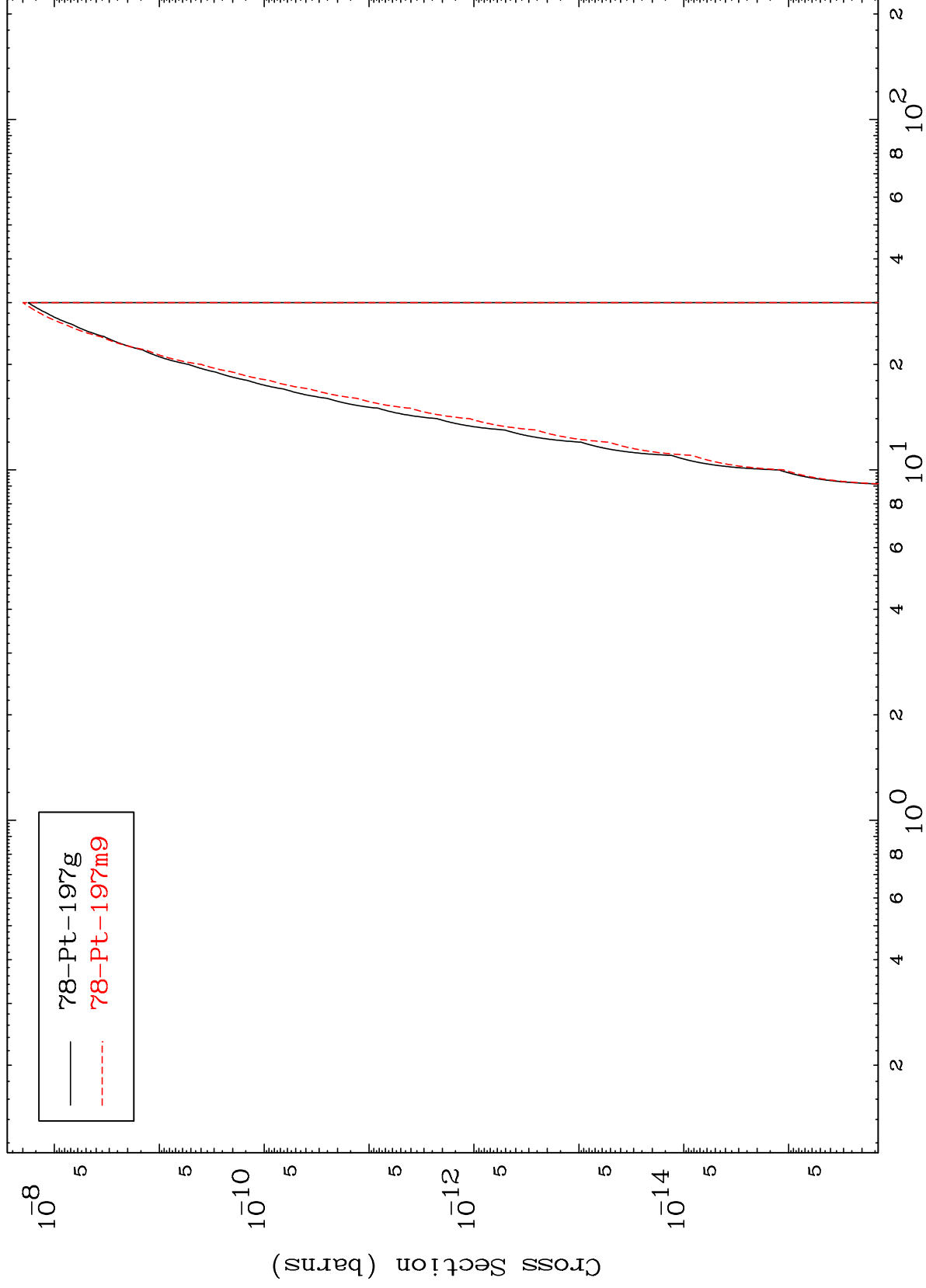
Incident Energy (MeV)

80-Hg-199m

MAT 8035

80-Hg-199m

(n,p) α
Radionuclide Production Cross Section



25

Incident Energy (MeV)

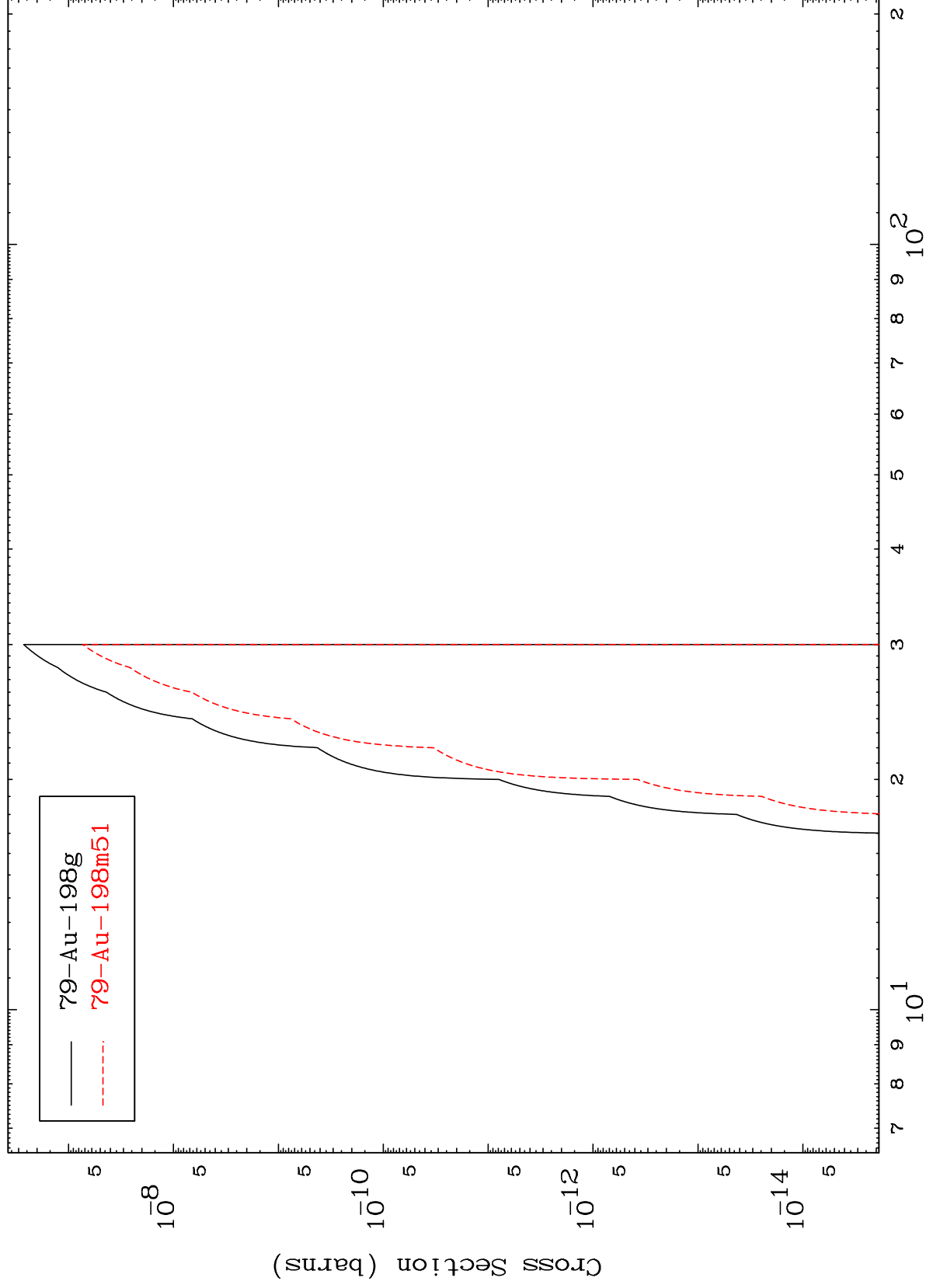
80-Hg-199m

MAT 8035

(n,p) t

80-Hg-199m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

80-Hg-199m