

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

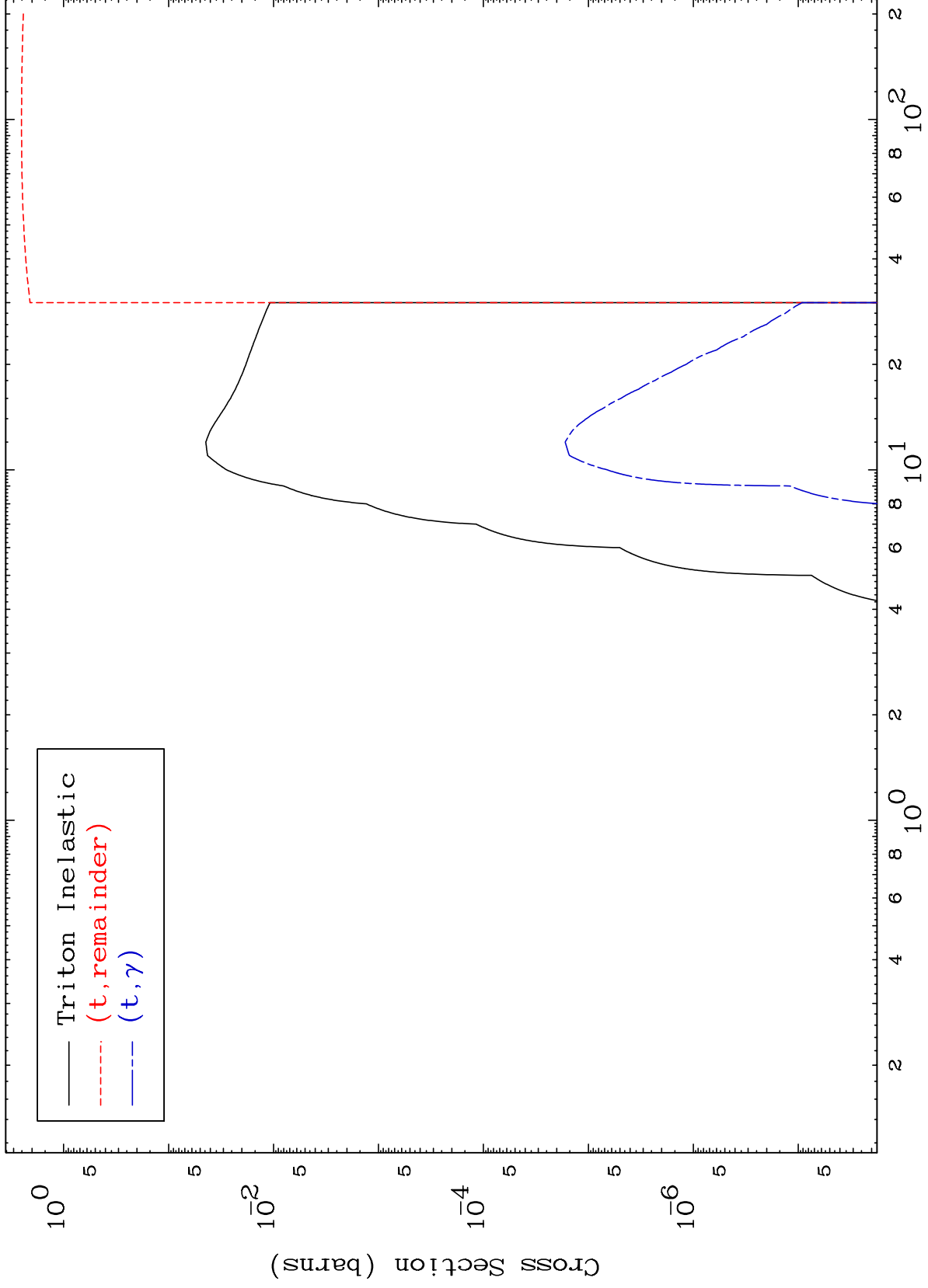
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

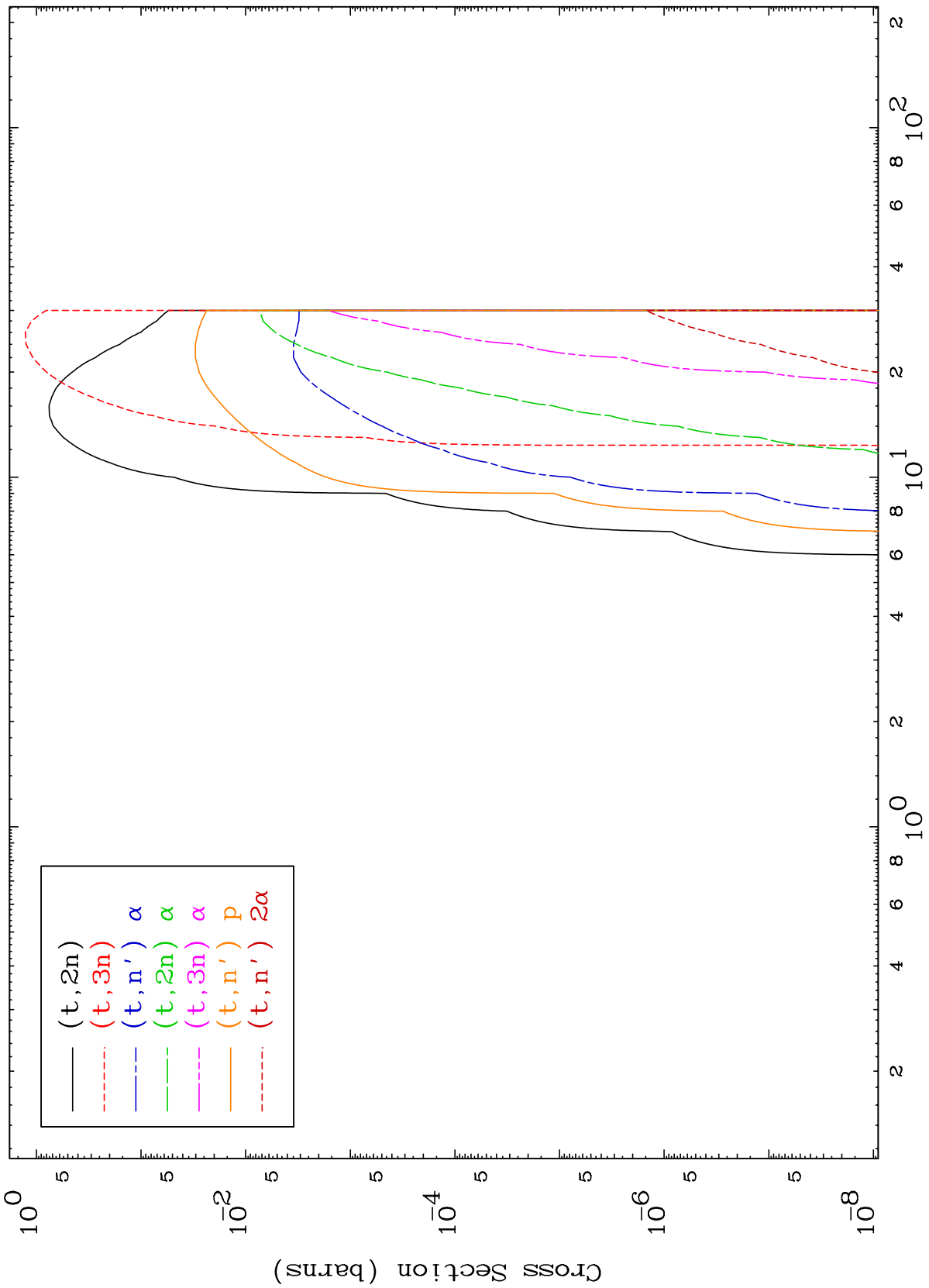
Web: redcullen1.net/HOMEPAGE.NEW

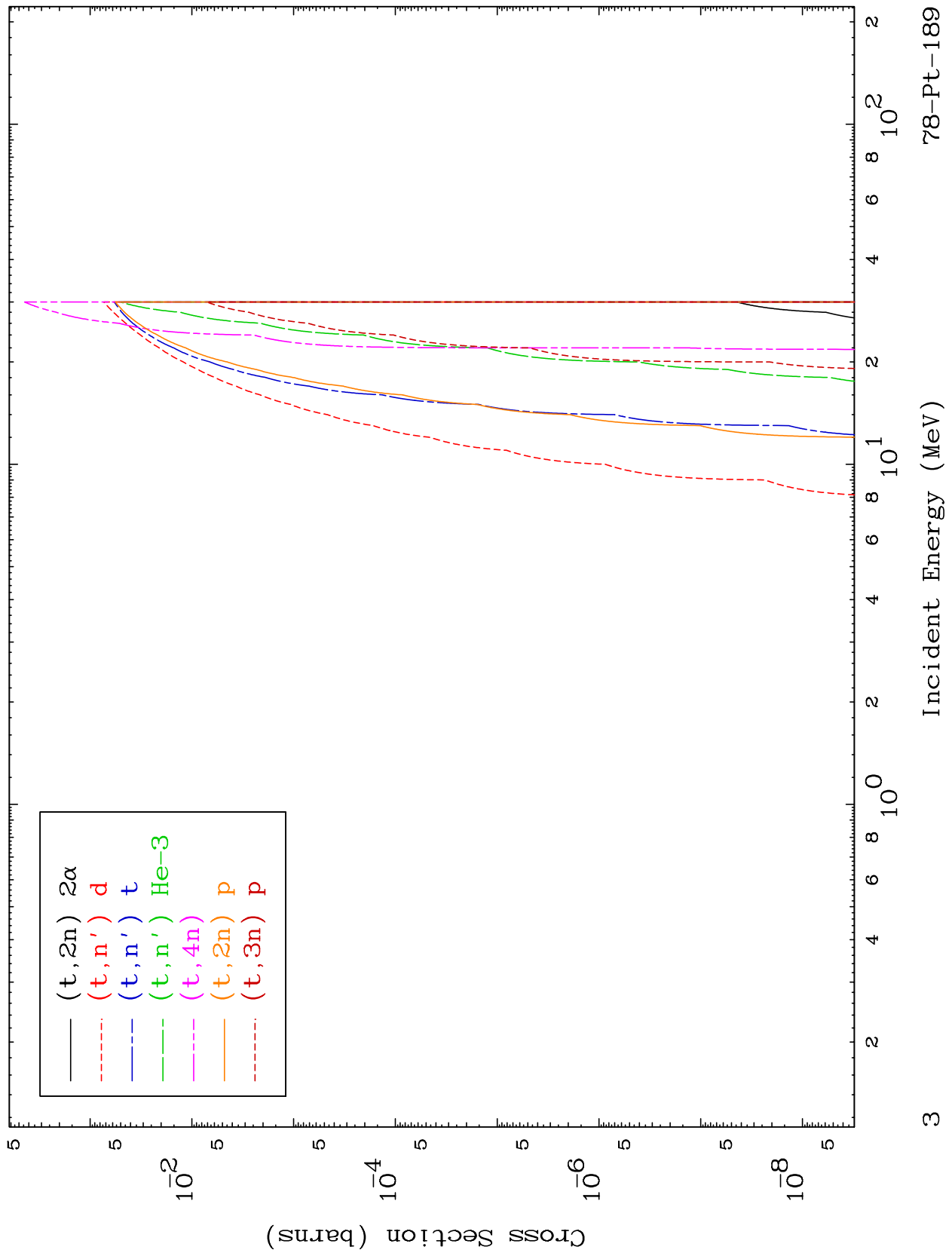
Press Mouse Button to Start

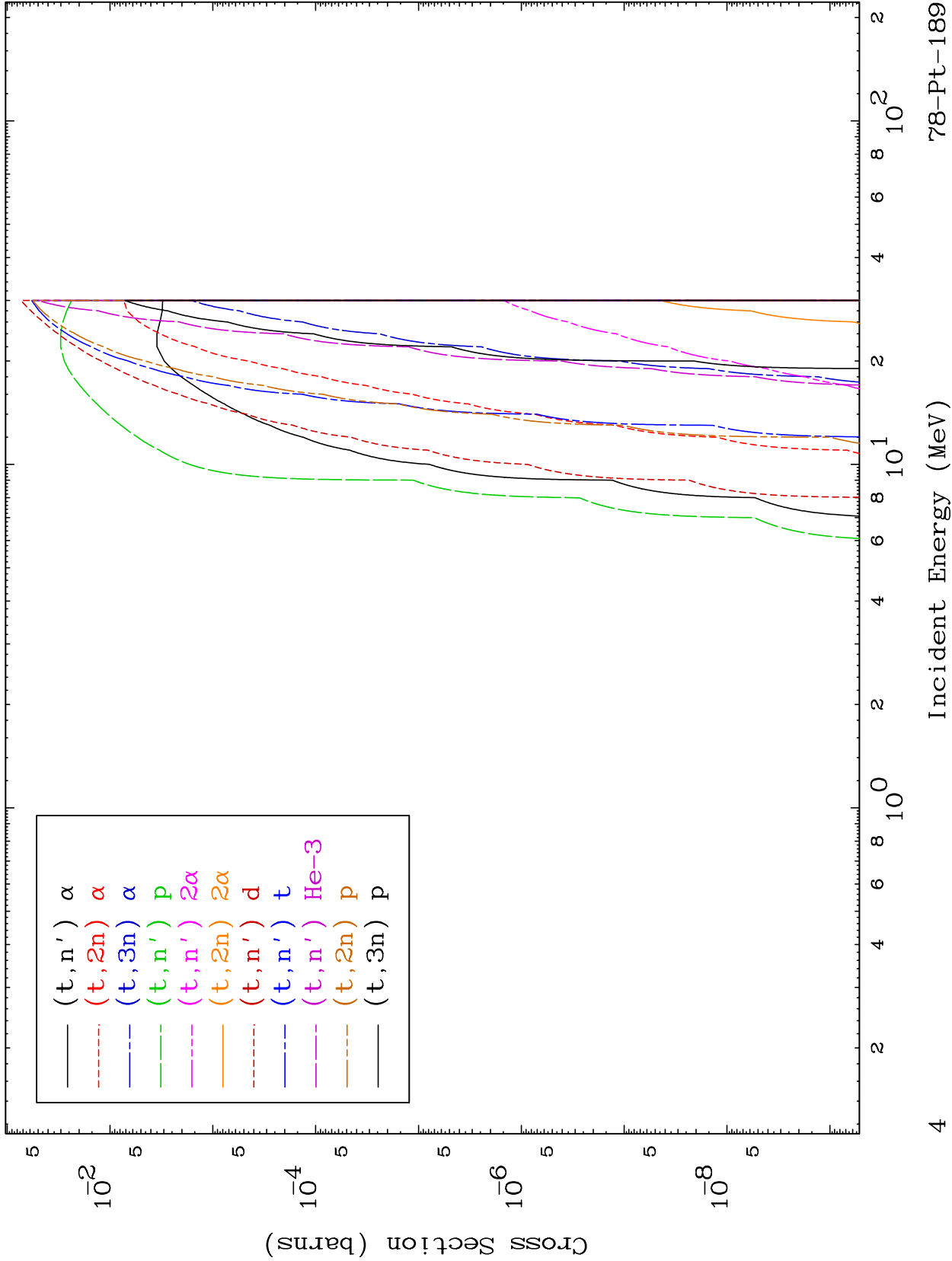
0 Kelvin Cross Sections

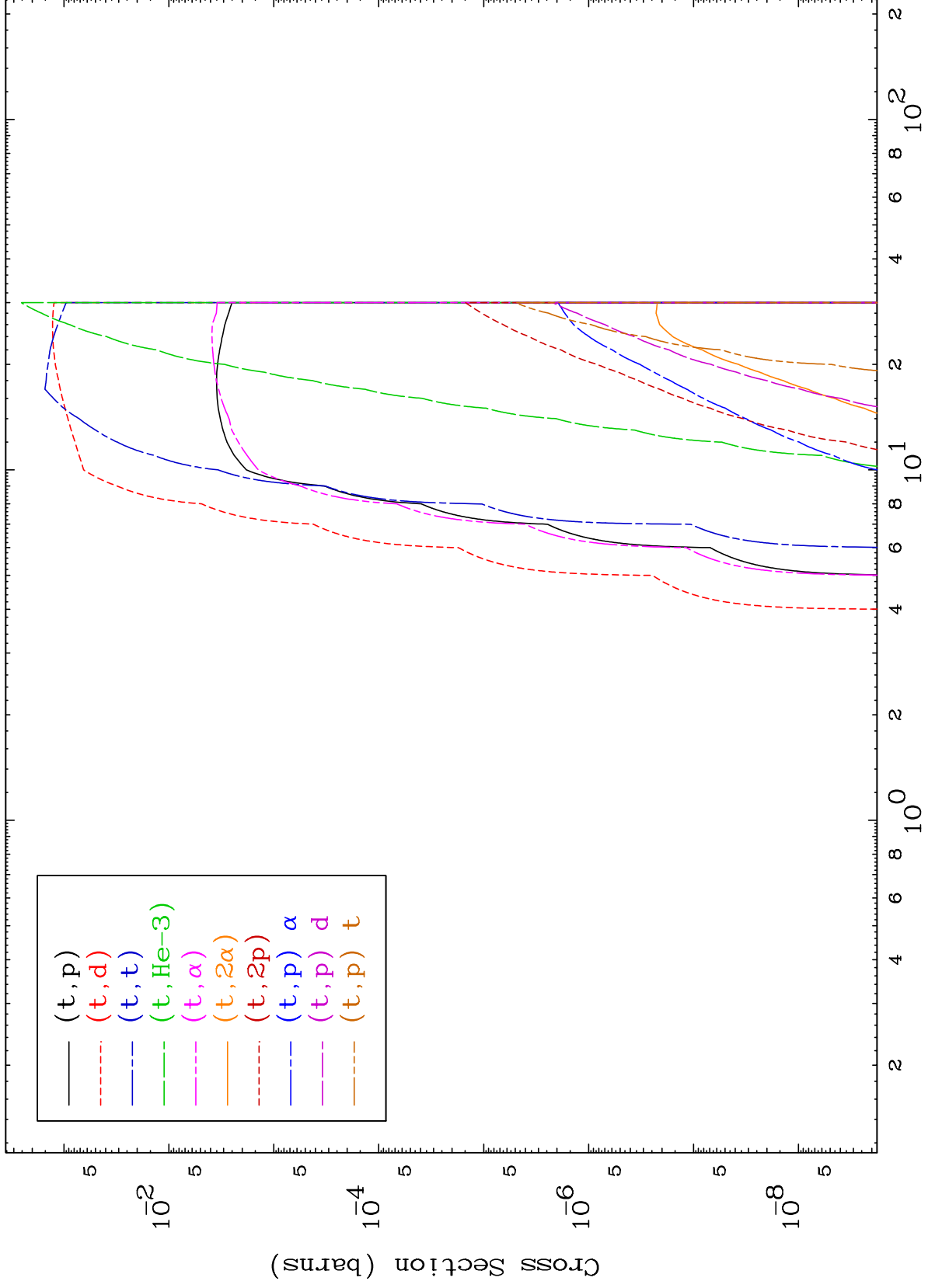


— Triton Inelastic
- - - (t, remainder)
- - - (t, γ)

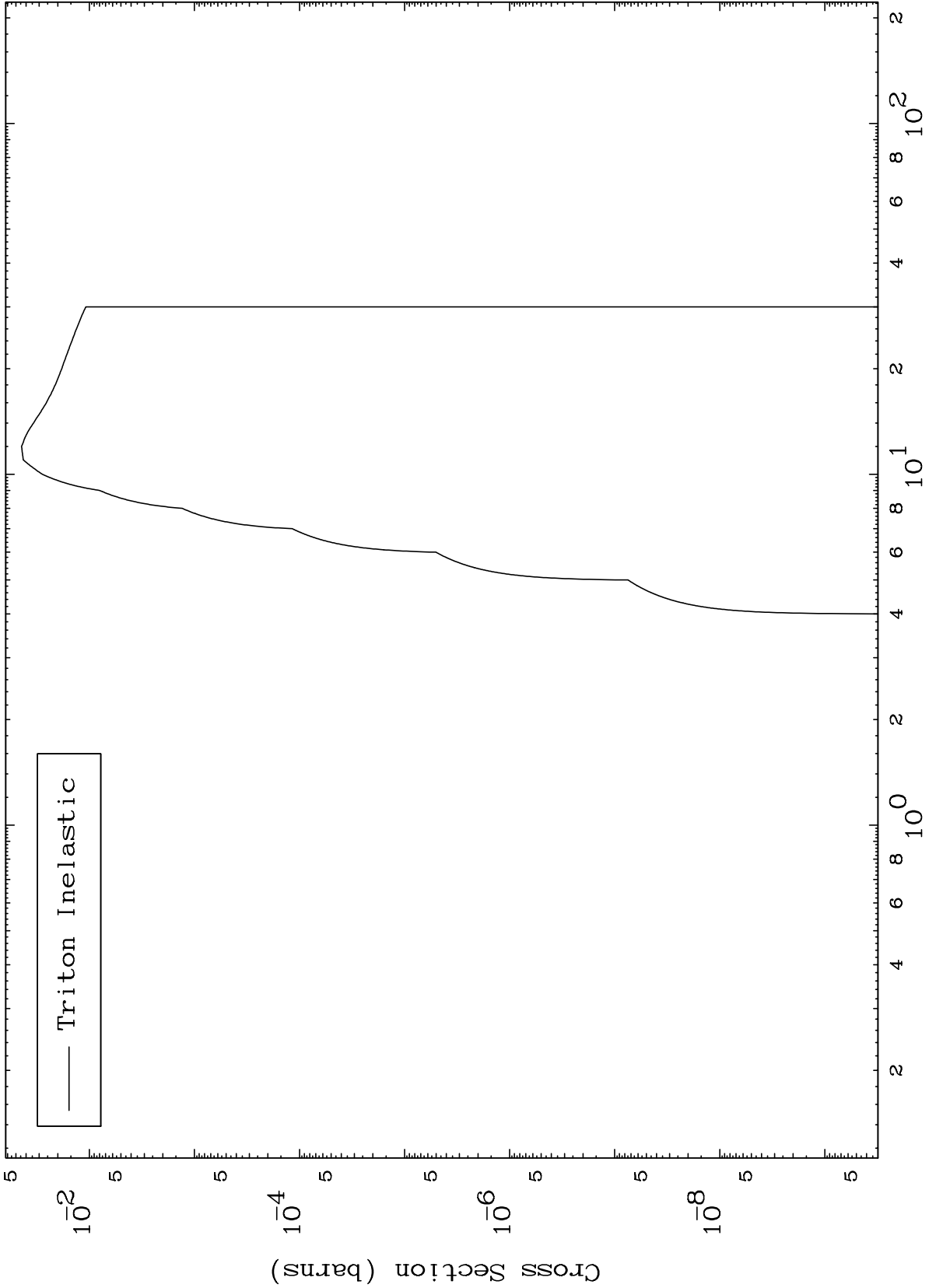


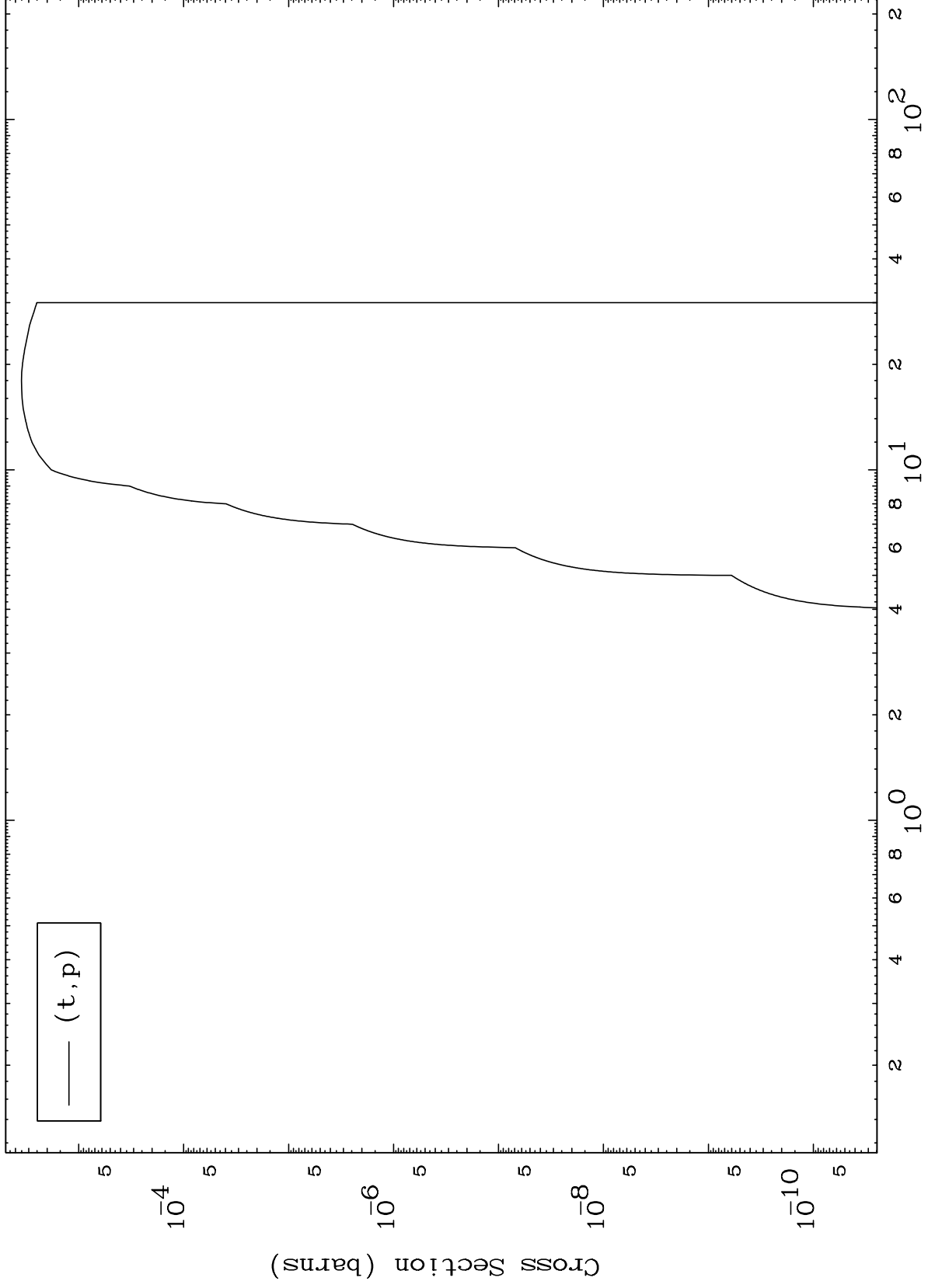




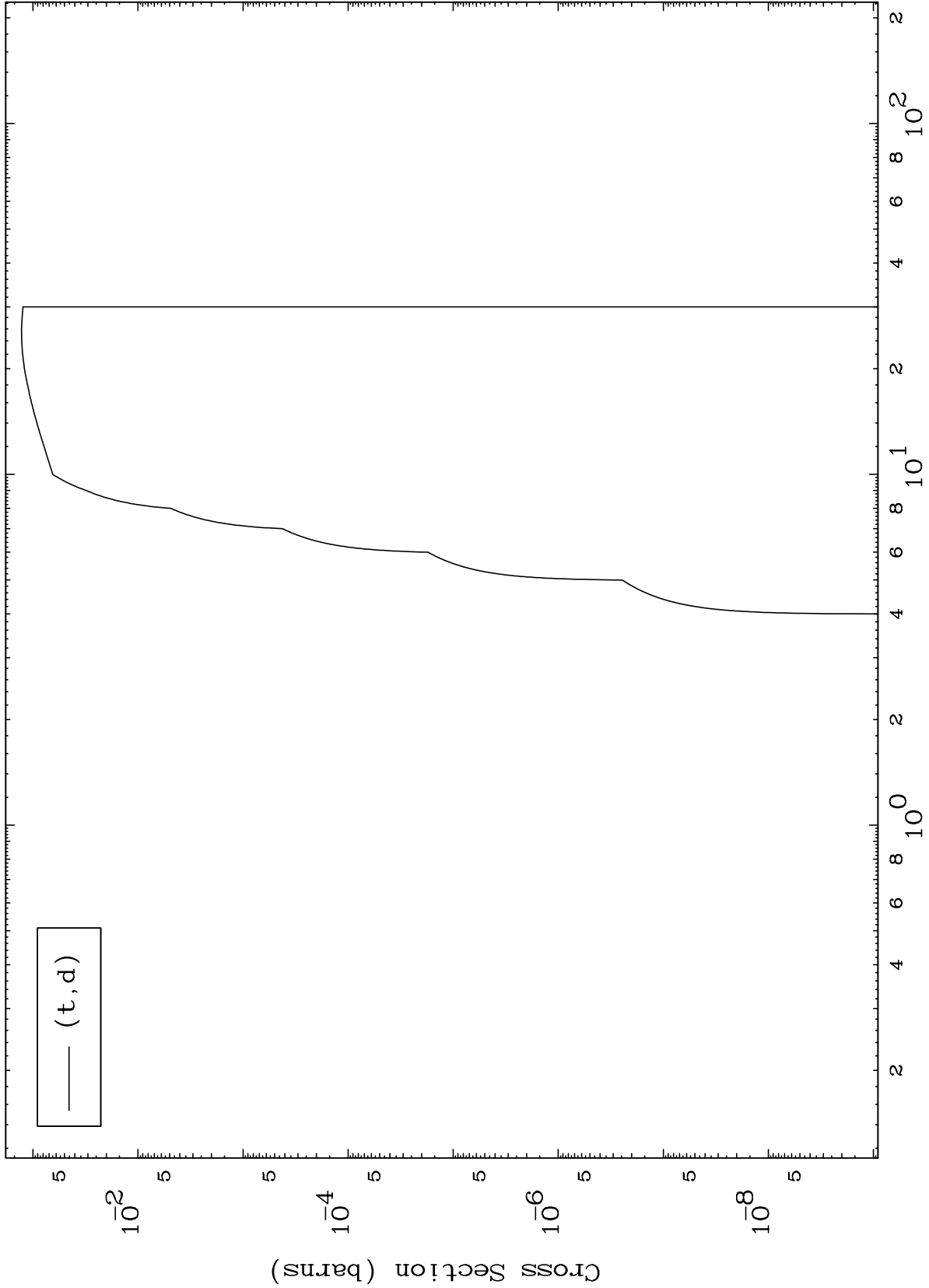


(t, n') Level
0 Kelvin Cross Sections

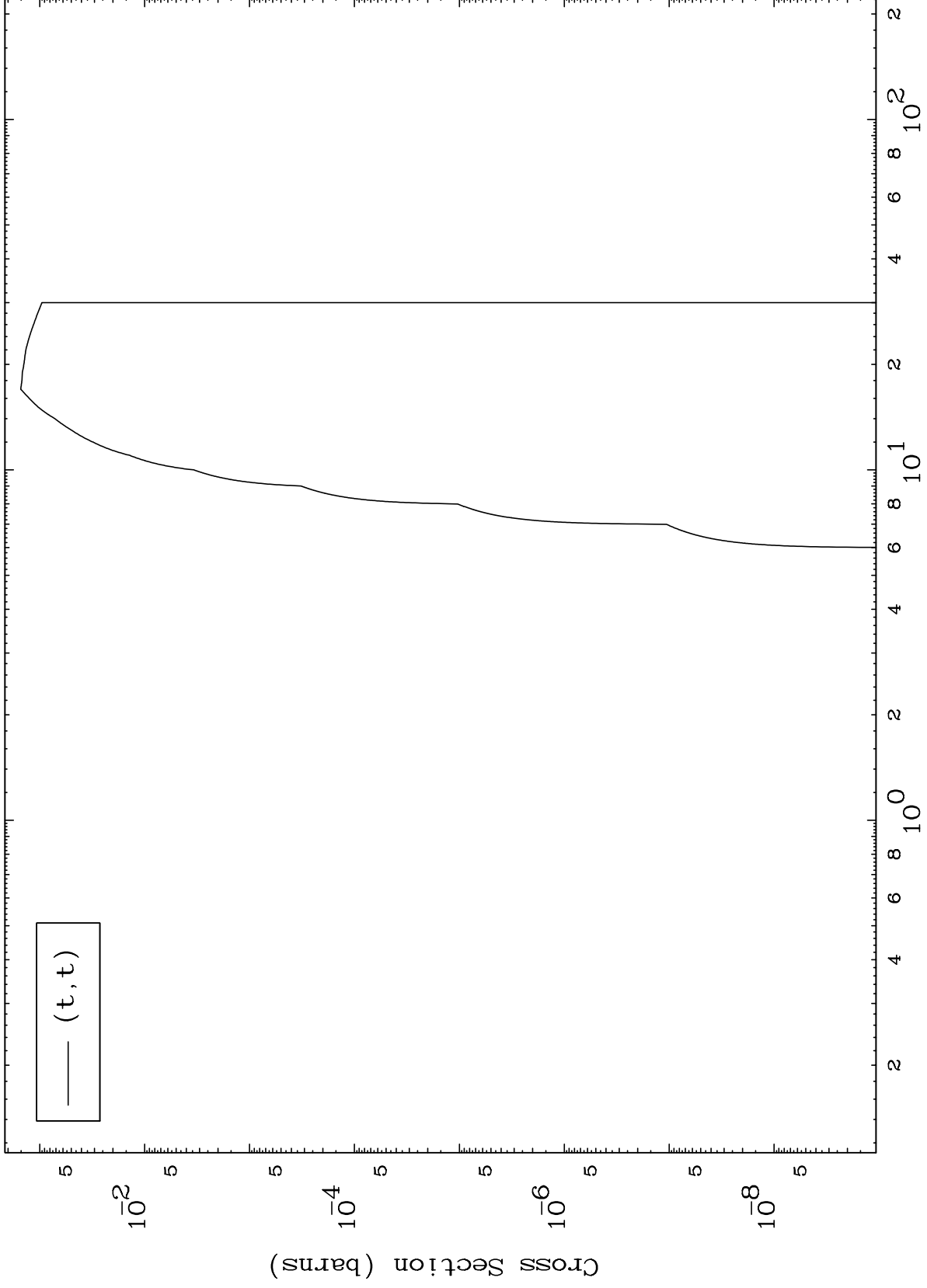




(t,d) Levels
0 Kelvin Cross Sections



0 Kelvin Cross Sections

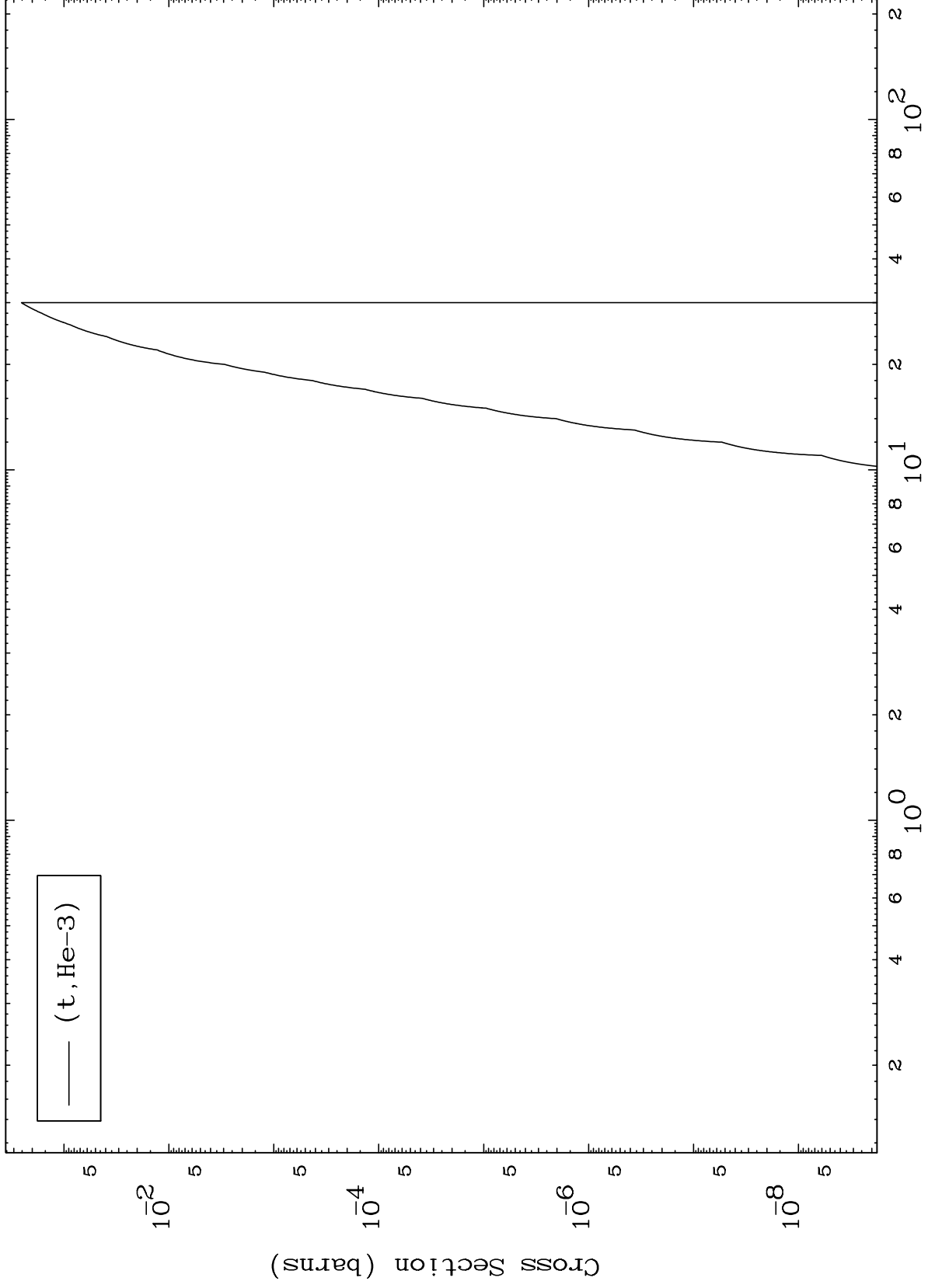


MAT 7822

(t,He3) Levels

78-Pt-189

0 Kelvin Cross Sections



10

Incident Energy (MeV)

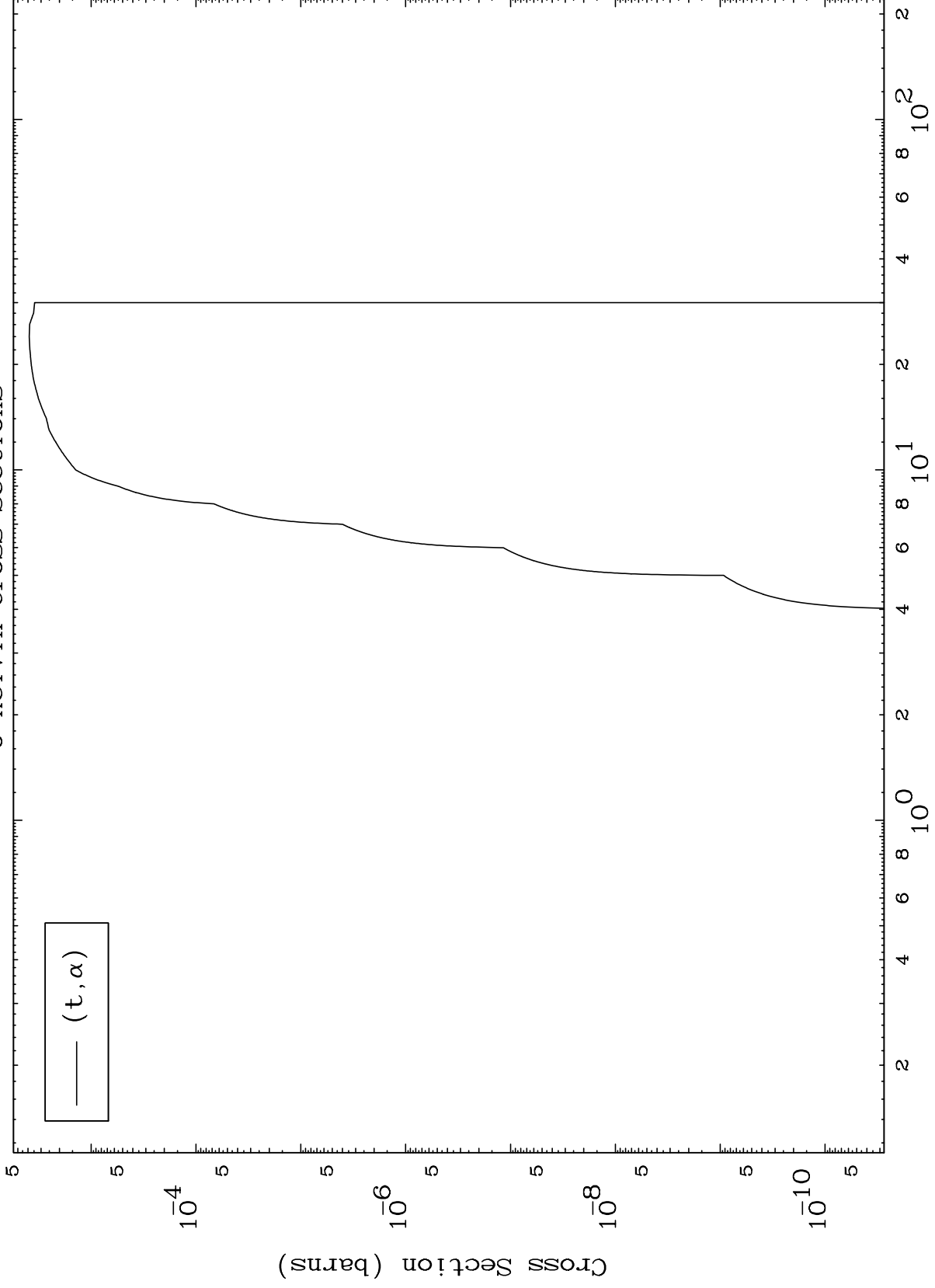
78-Pt-189

MAT 7822

(t, α) Levels

78-Pt-189

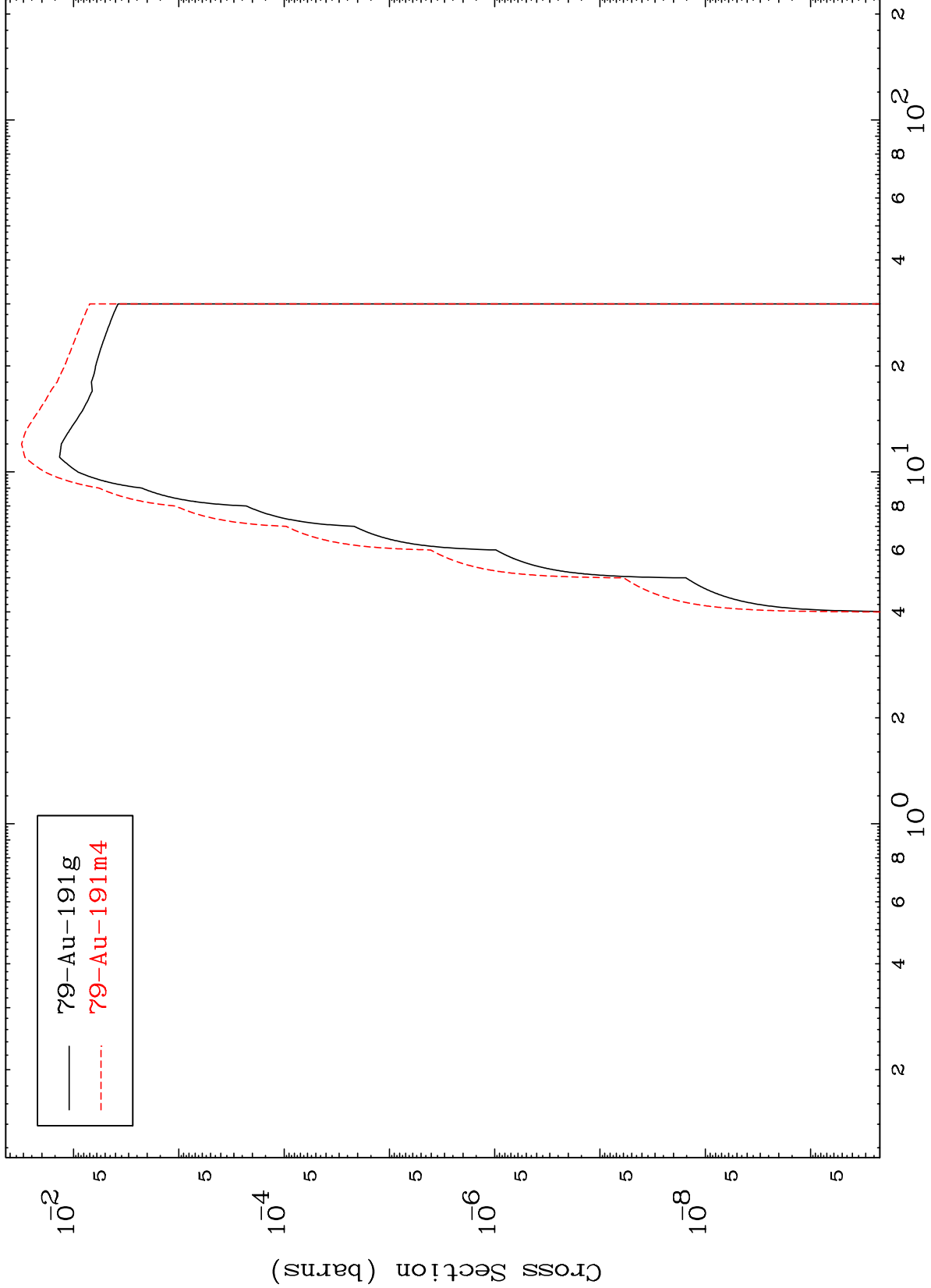
0 Kelvin Cross Sections



MAT 7822

Triton Inelastic
Radionuclide Production Cross Section

78-Pt-189



12

Incident Energy (MeV)

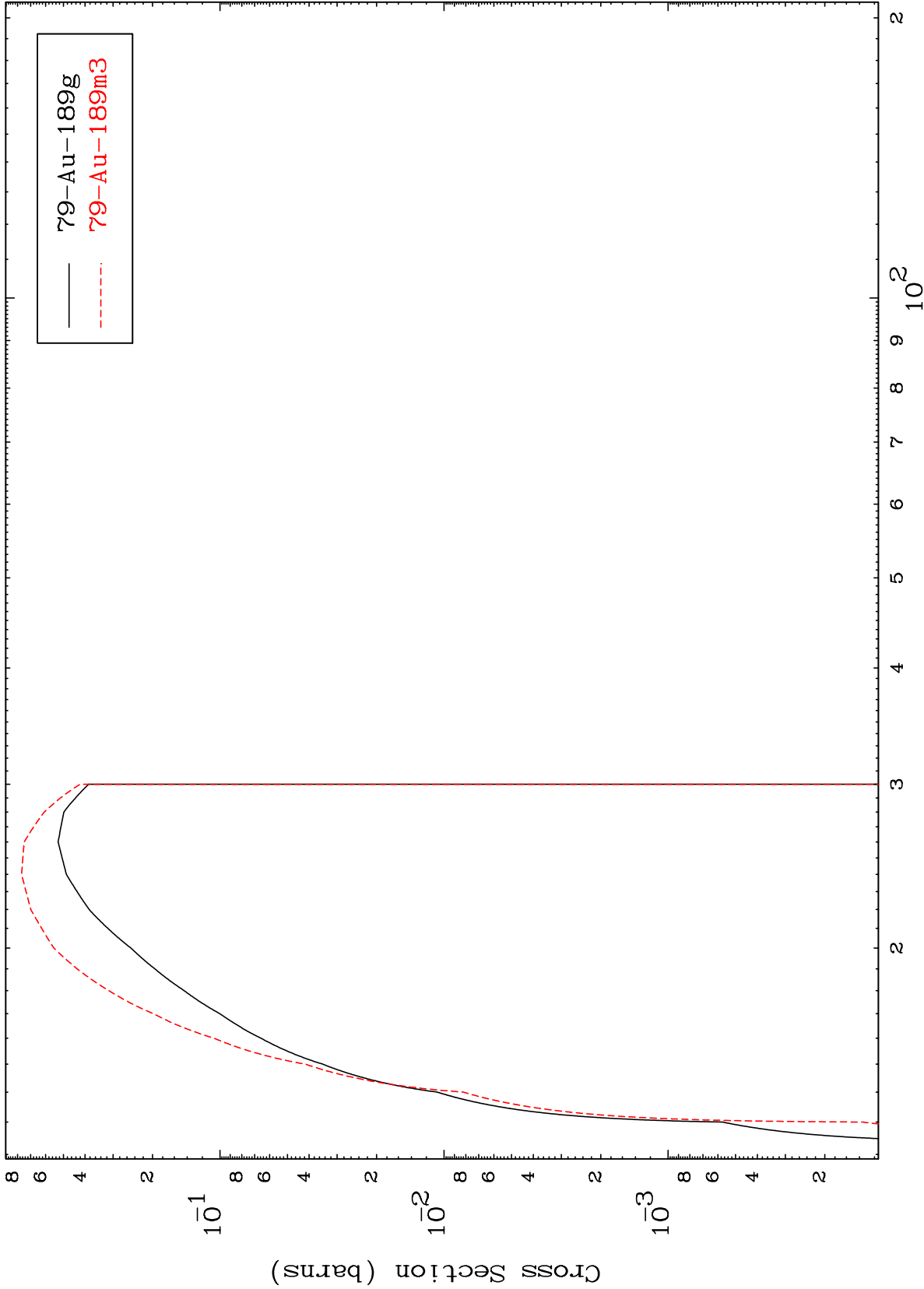
78-Pt-189

MAT 7822

(t,3n)

78-Pt-189

Radionuclide Production Cross Section

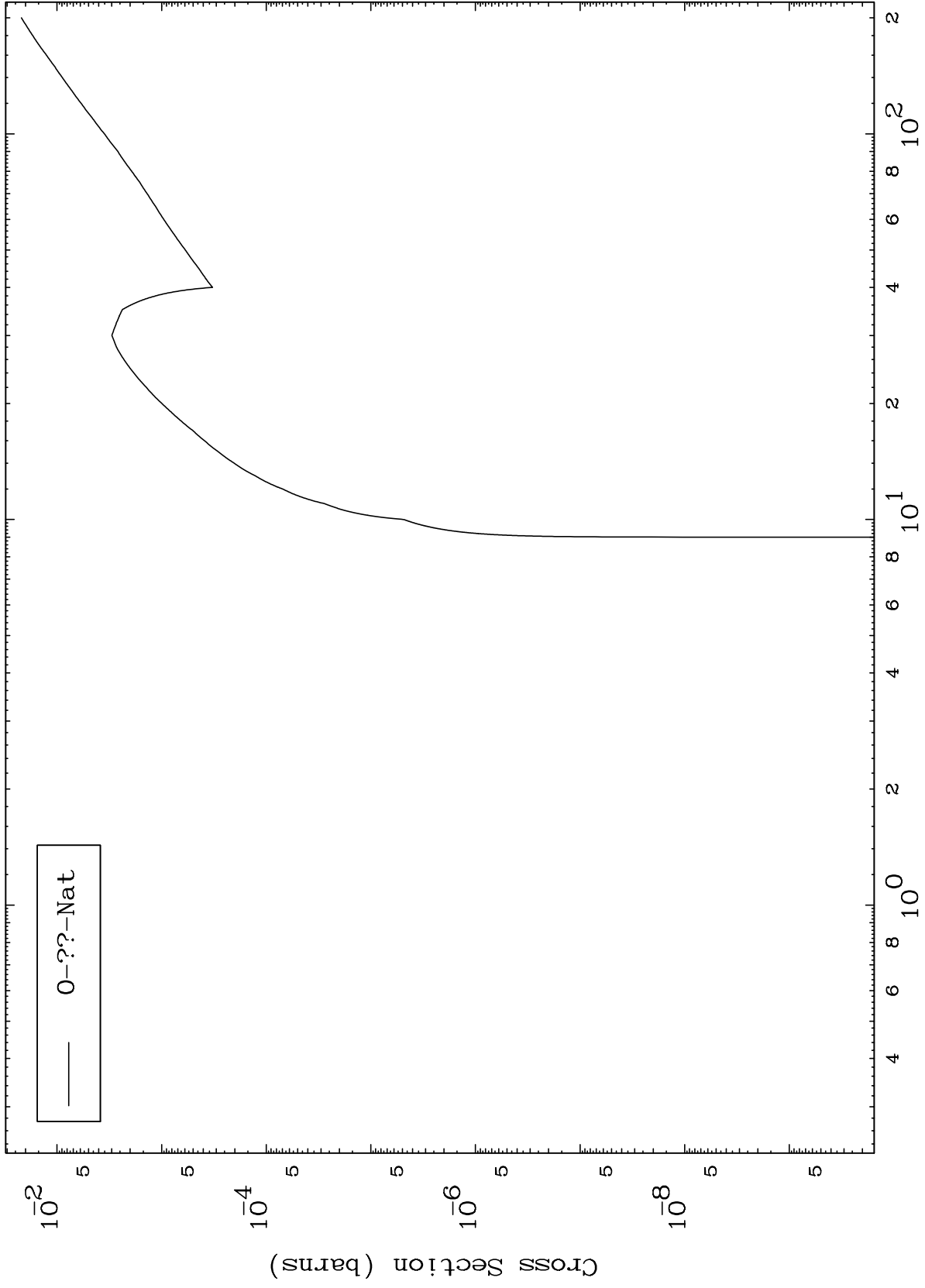


MAT 7822

Triton Fission

78-Pt-189

Radionuclide Production Cross Section

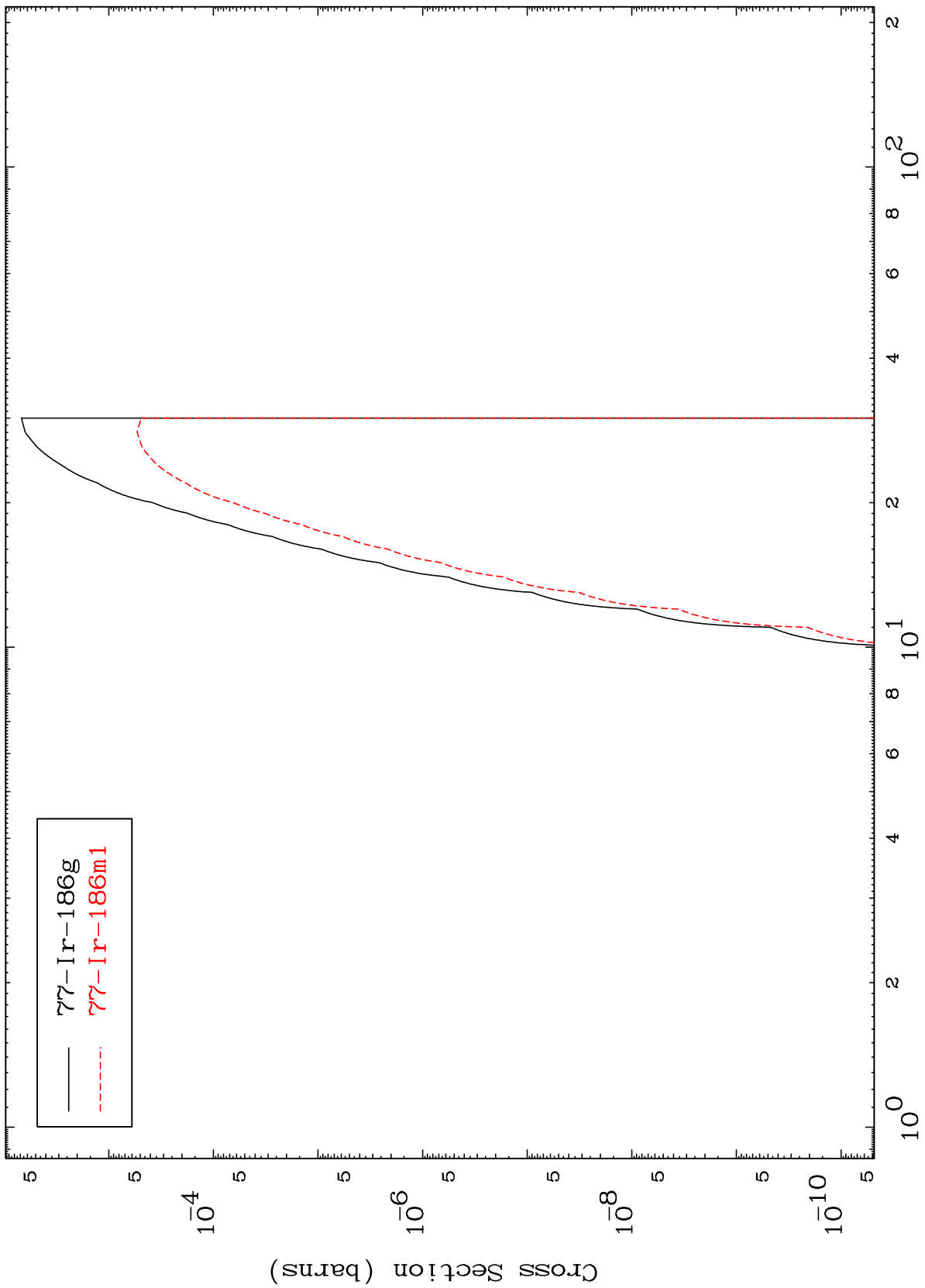


MAT 78222

$(t, 2n) \alpha$

78-Pt-189

Radionuclide Production Cross Section



— $^{77}\text{Ir-186g}$
- - - $^{77}\text{Ir-186m1}$

15

Incident Energy (MeV)

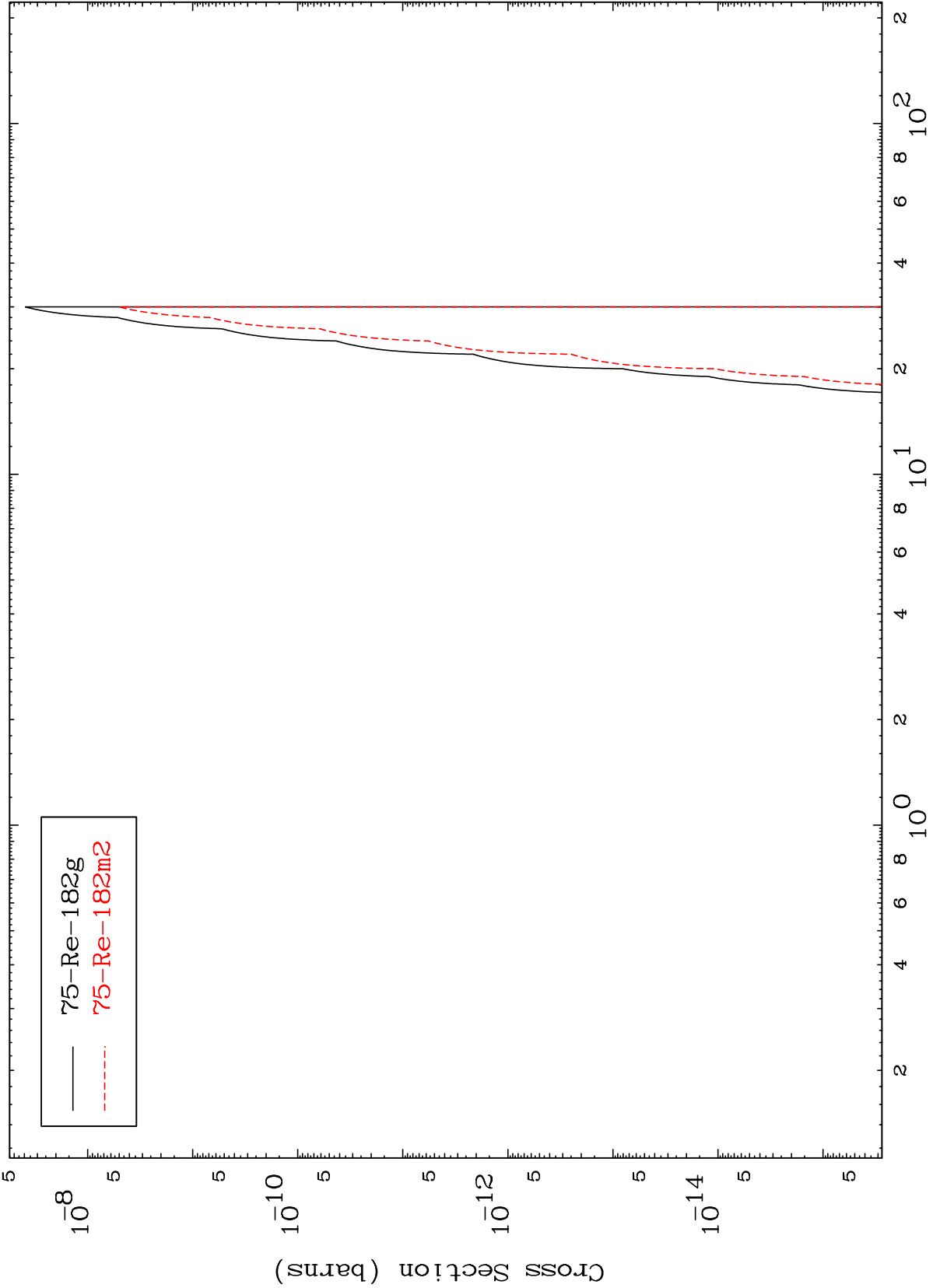
78-Pt-189

MAT 7822

(t,2n) 2α

78-Pt-189

Radionuclide Production Cross Section

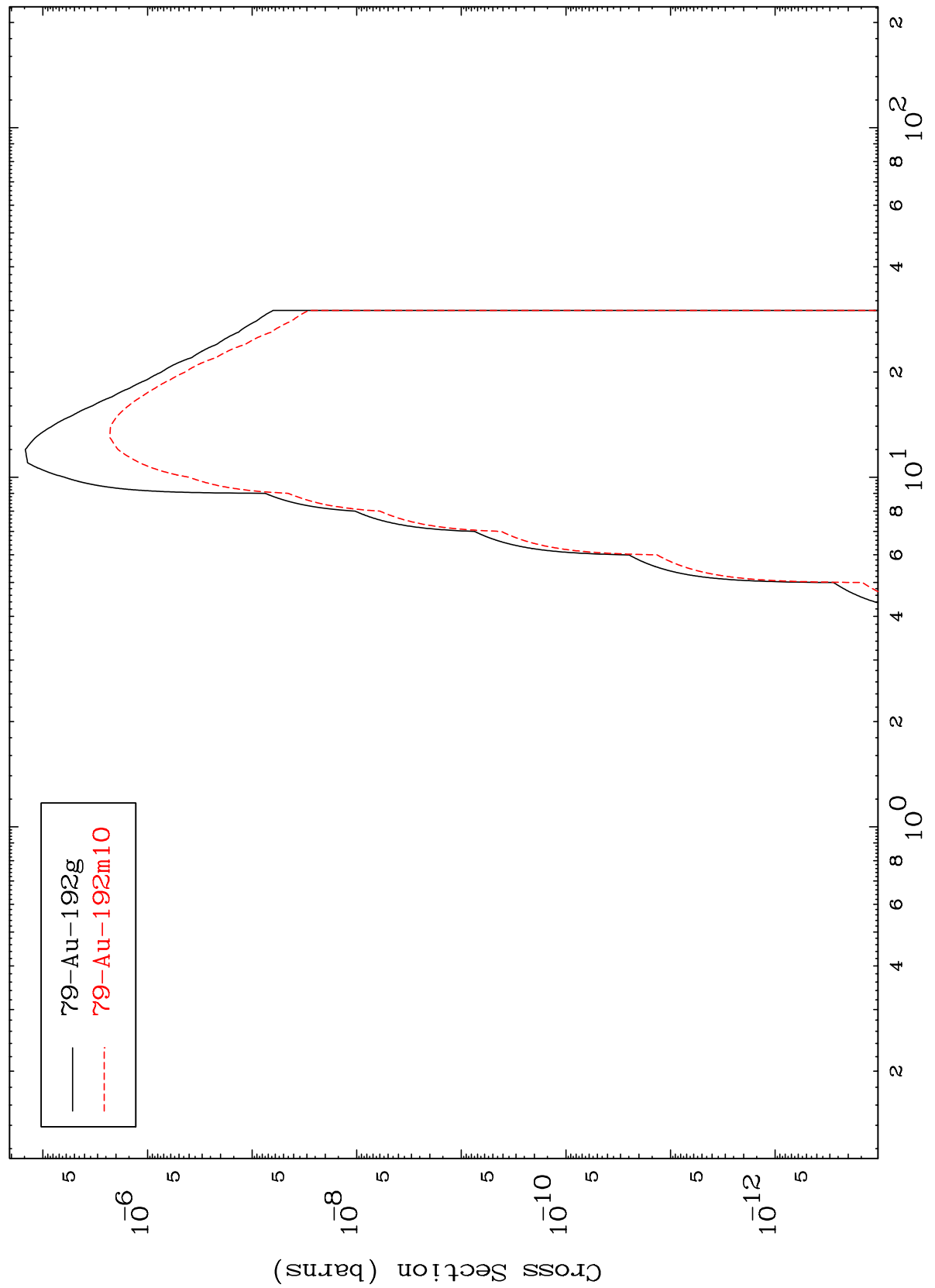


75-Re-182g
75-Re-182m2

MAT 7822

78-Pt-189

(t, γ)
Radionuclide Production Cross Section



17

78-Pt-189

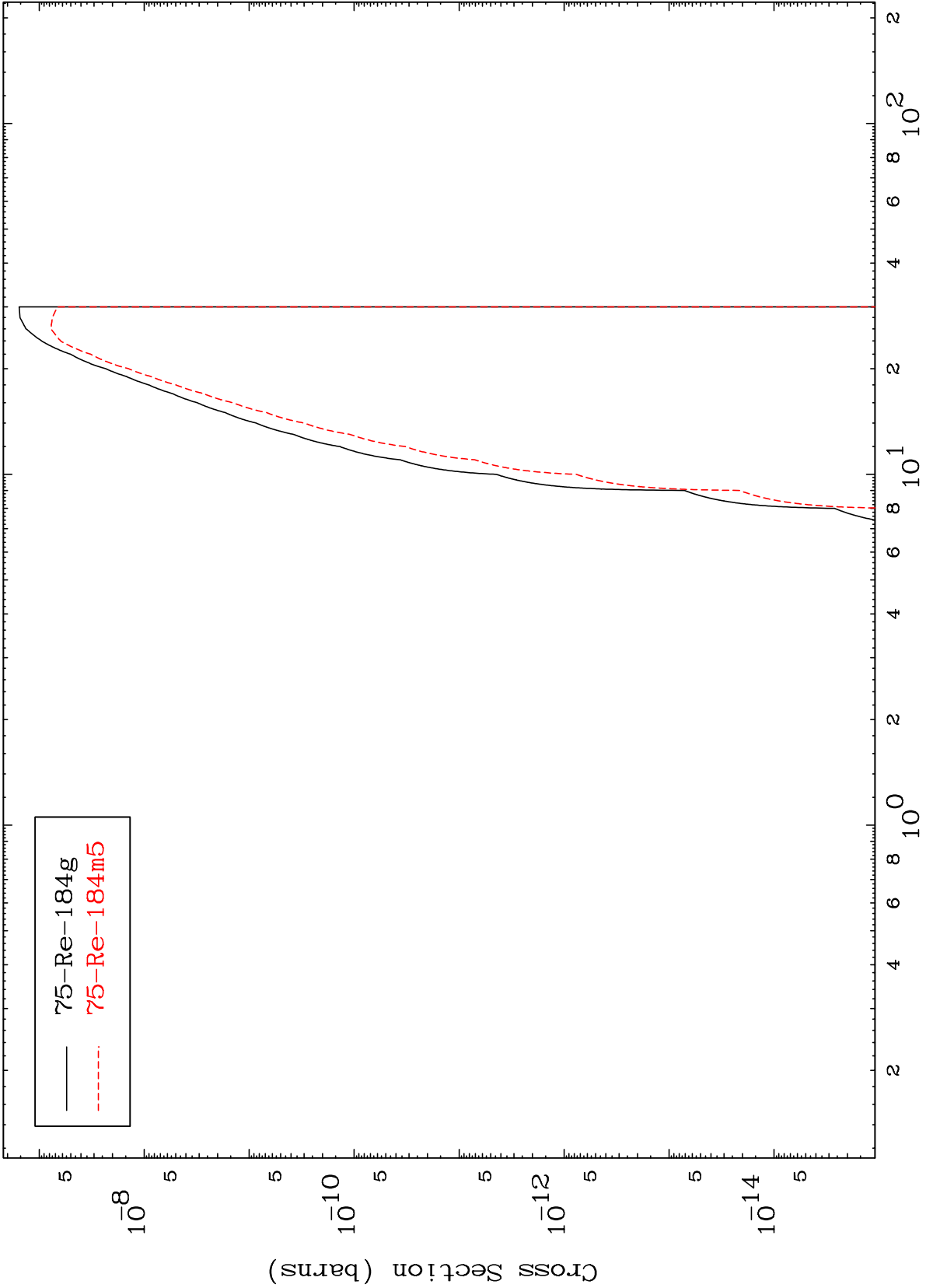
Incident Energy (MeV)

MAT 7822

(t,2 α)

78-Pt-189

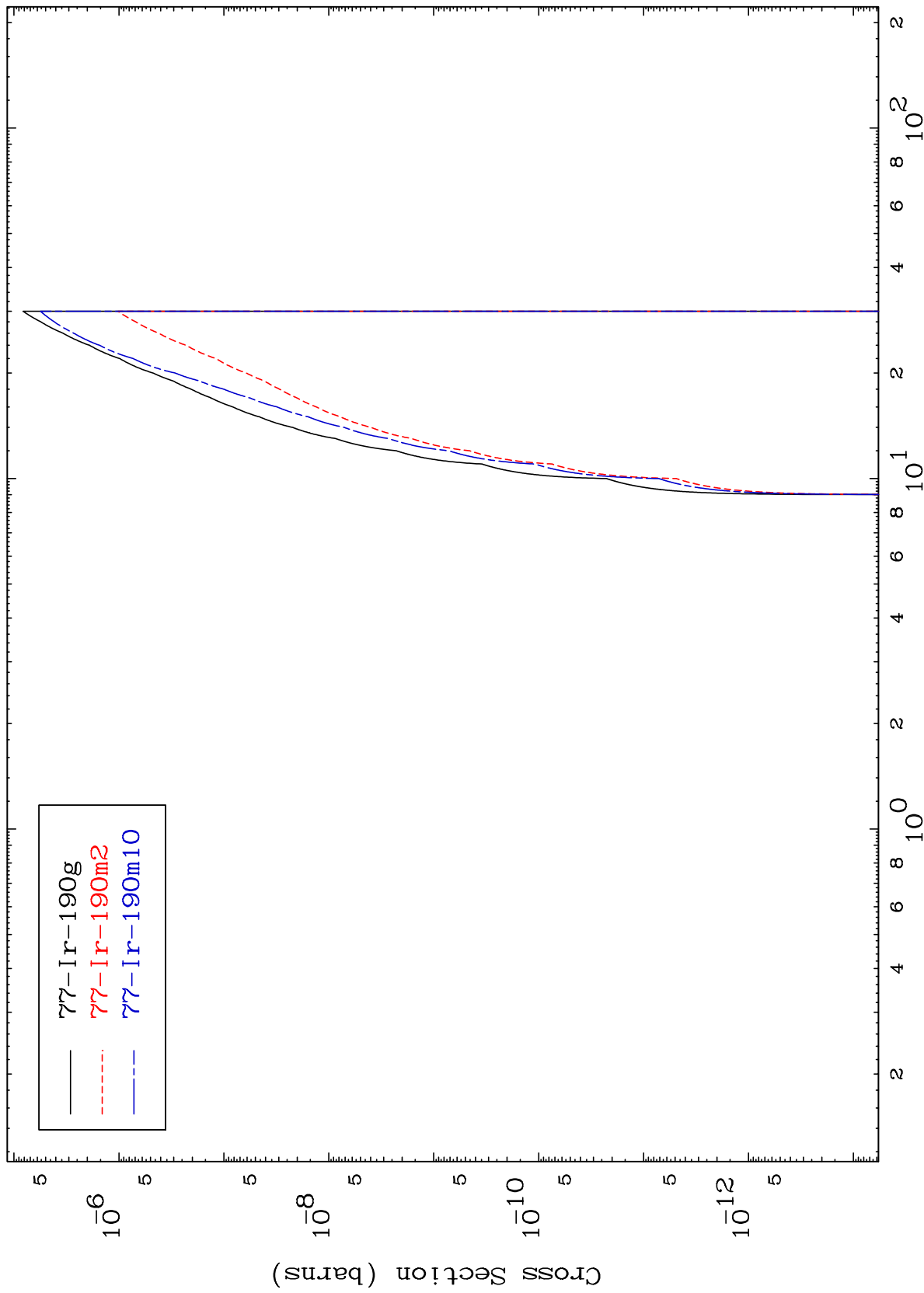
Radionuclide Production Cross Section



MAT 7822

78-Pt-189

(t,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

78-Pt-189