

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

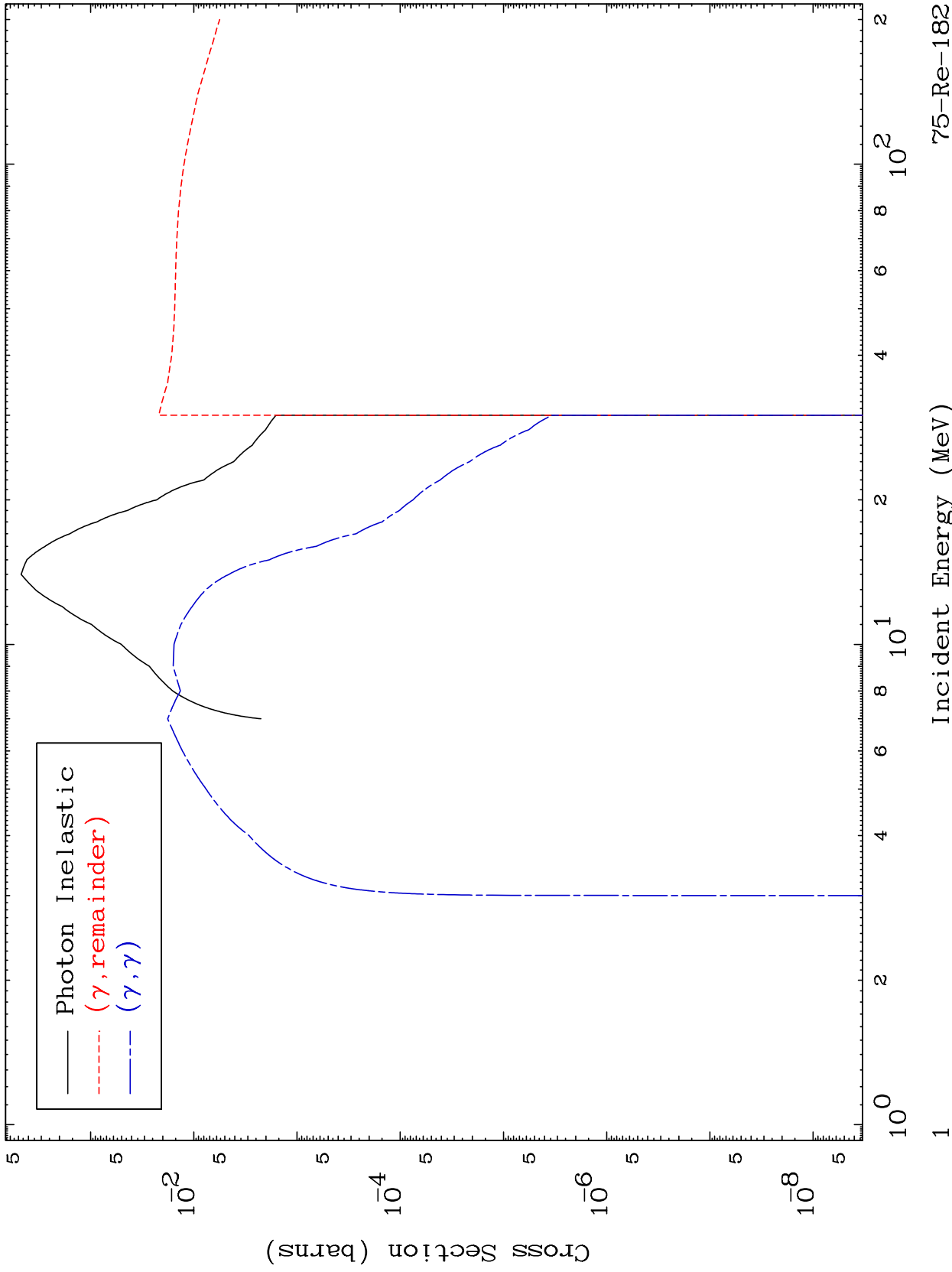
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

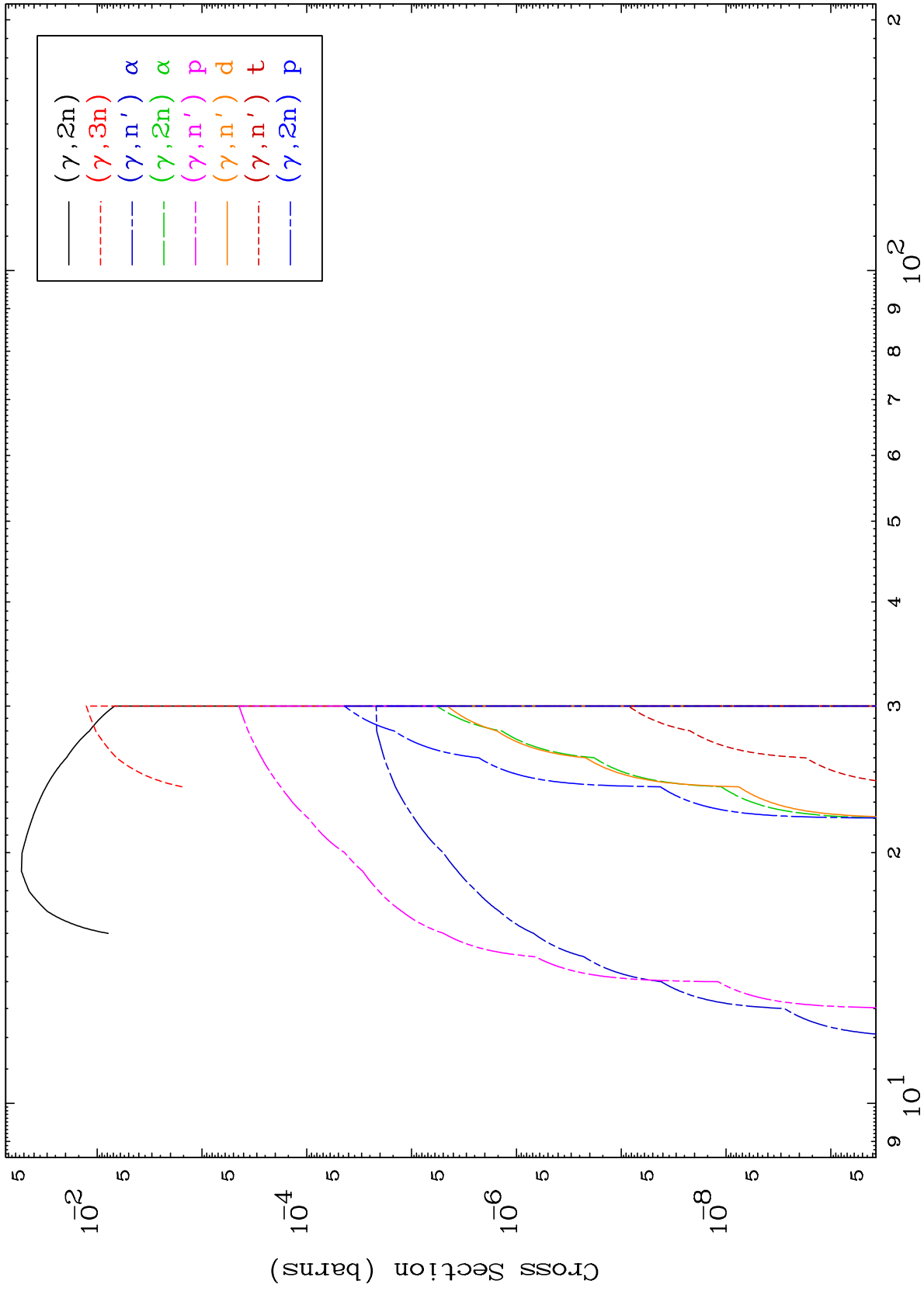
MAT 7517

Photon Major
0 Kelvin Cross Sections

75-Re-182



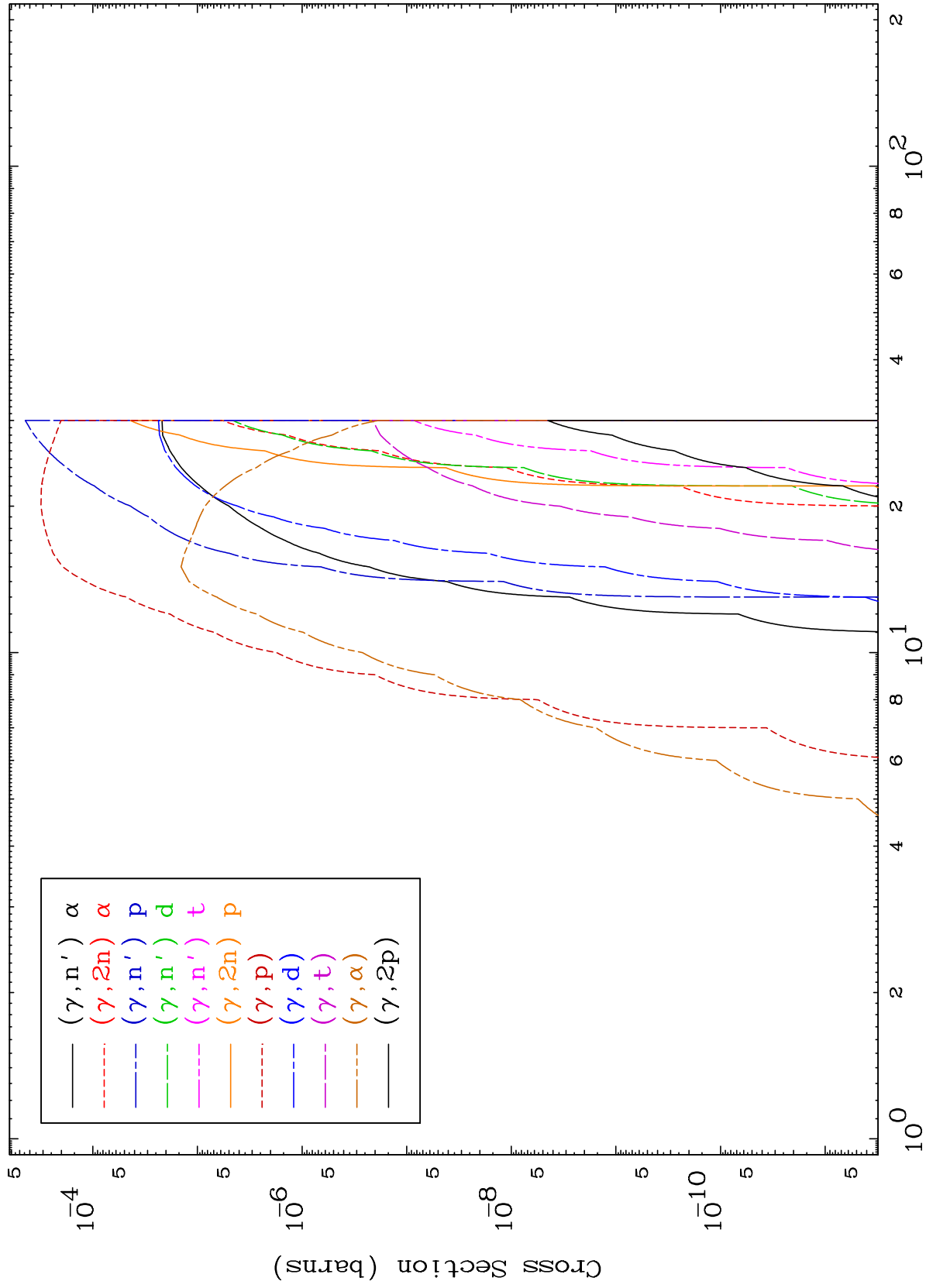
75-Re-182



MAT 7517

Photon Charged Particle
0 Kelvin Cross Sections

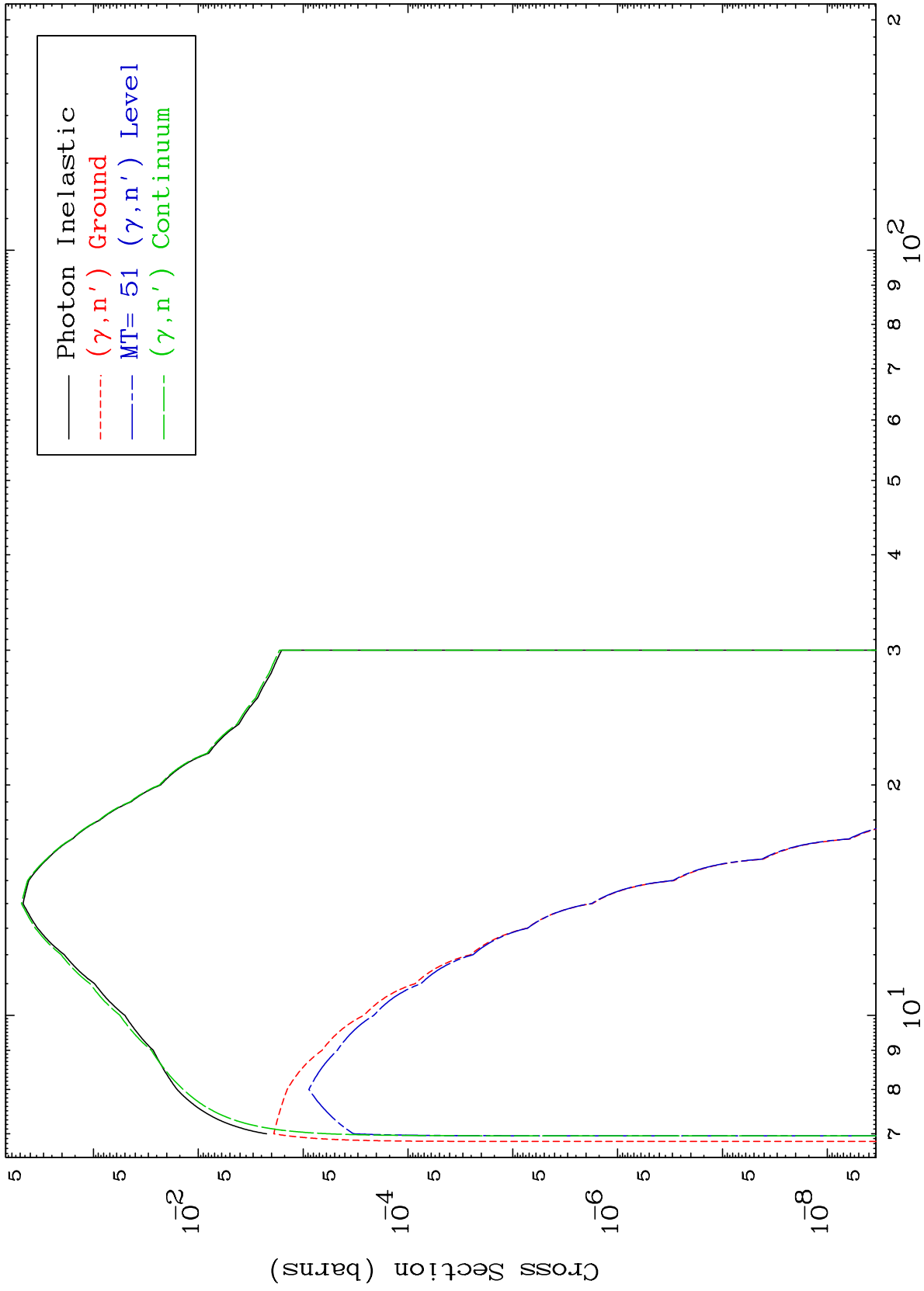
75-Re-182

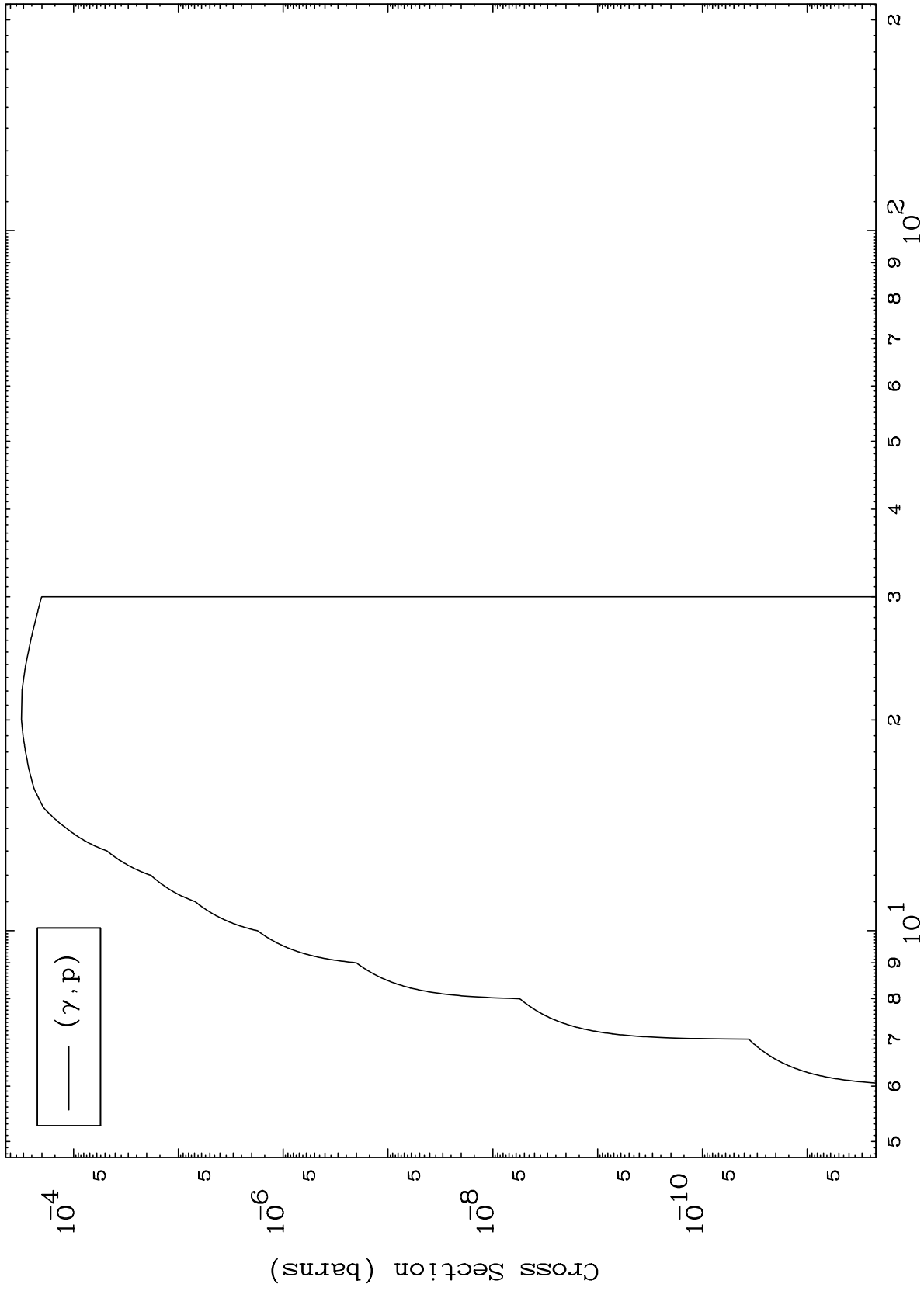


Incident Energy (MeV)

75-Re-182

3

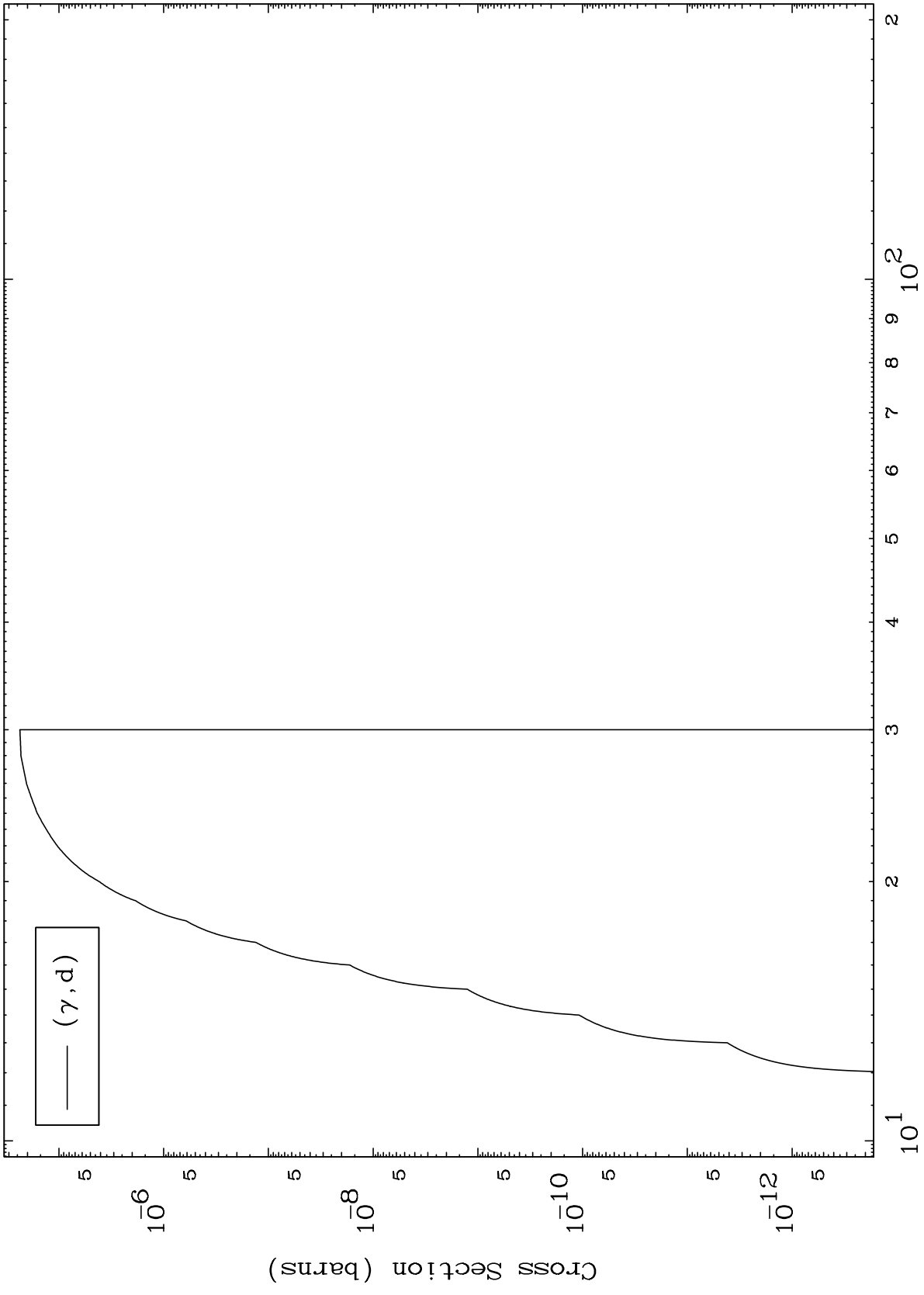




MAT 75117

(γ, d) Levels
0 Kelvin Cross Sections

75-Re-182



75-Re-182

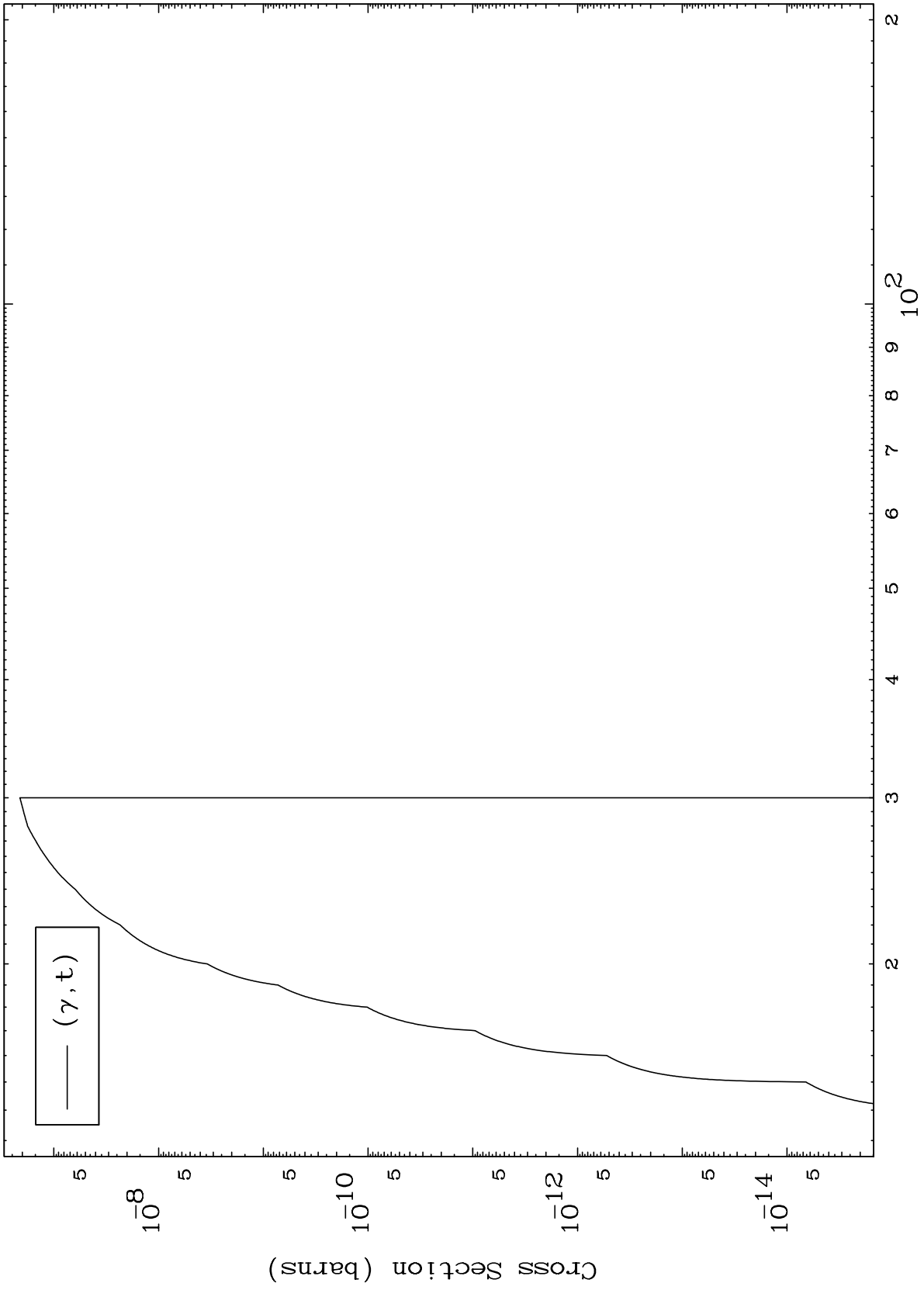
Incident Energy (MeV)

6

MAT 7517

(γ, t) Levels
0 Kelvin Cross Sections

75-Re-182



7

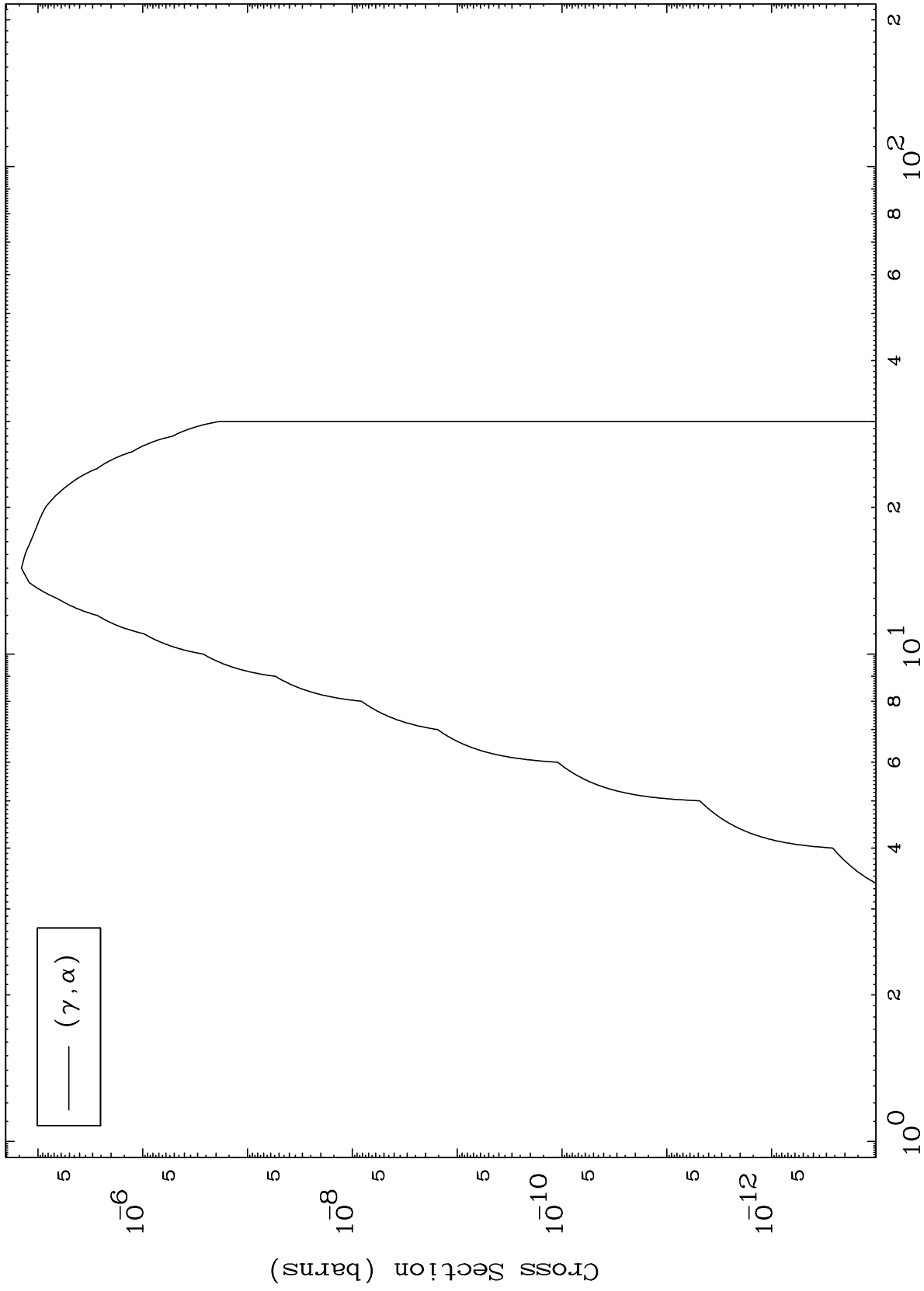
Incident Energy (MeV)

75-Re-182

MAT 7517

(γ, α) Levels
0 Kelvin Cross Sections

75-Re-182



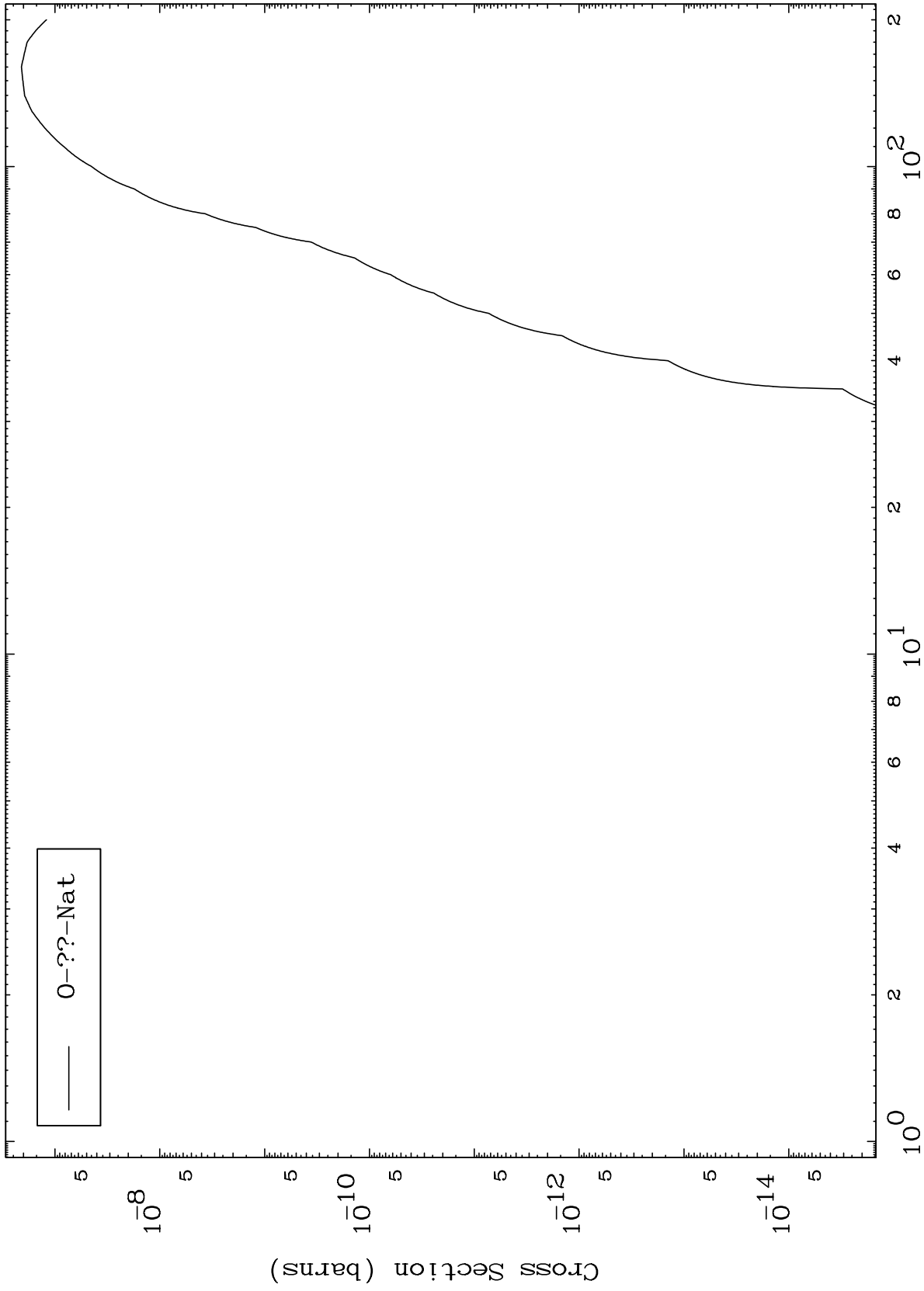
Incident Energy (MeV)

75-Re-182

MAT 7517

Photon Fission
Radionuclide Production Cross Section

75-Re-182



Incident Energy (MeV)

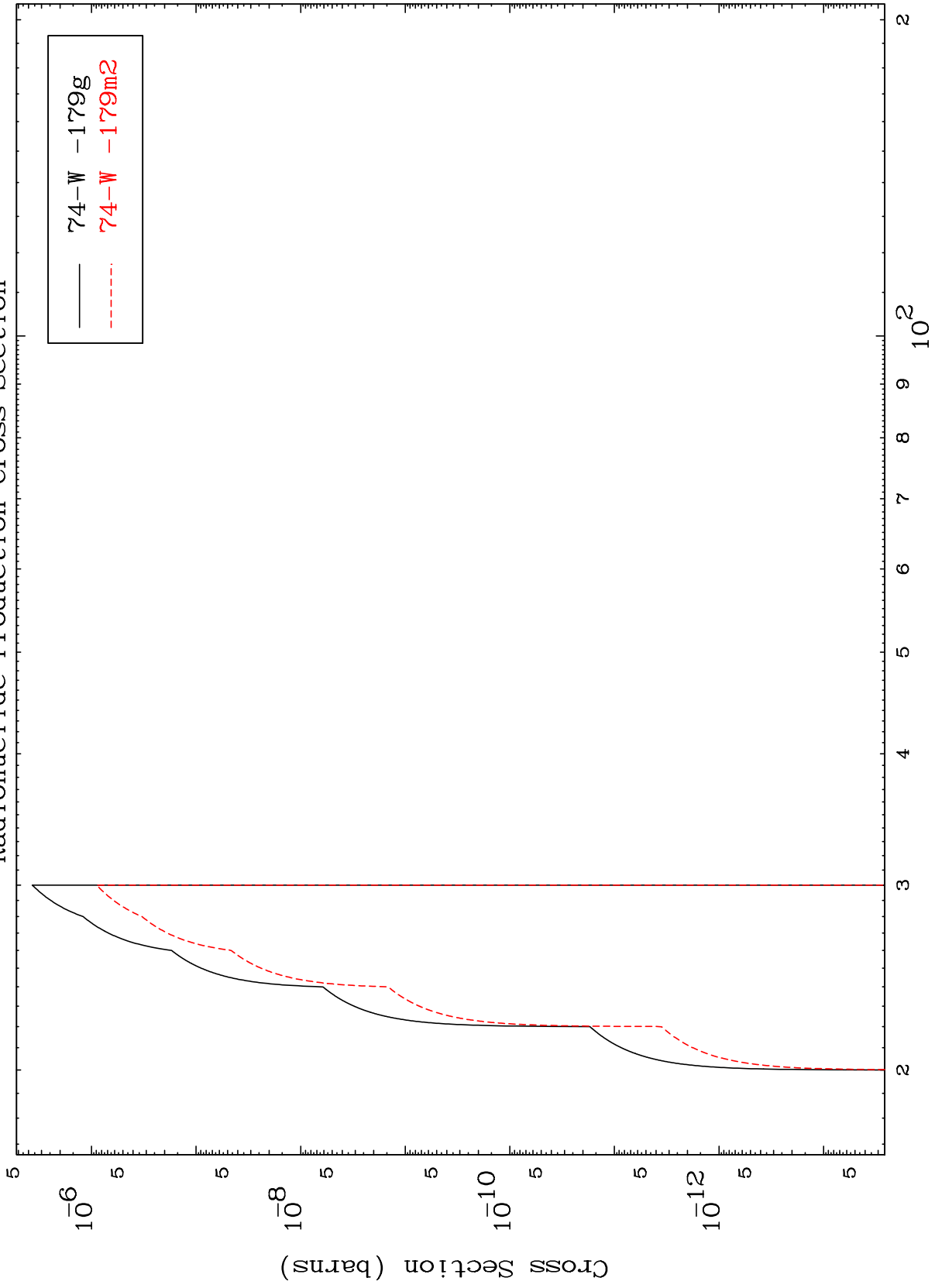
75-Re-182

MAT 7517

(γ, n') d

75-Re-182

Radionuclide Production Cross Section



10

Incident Energy (MeV)

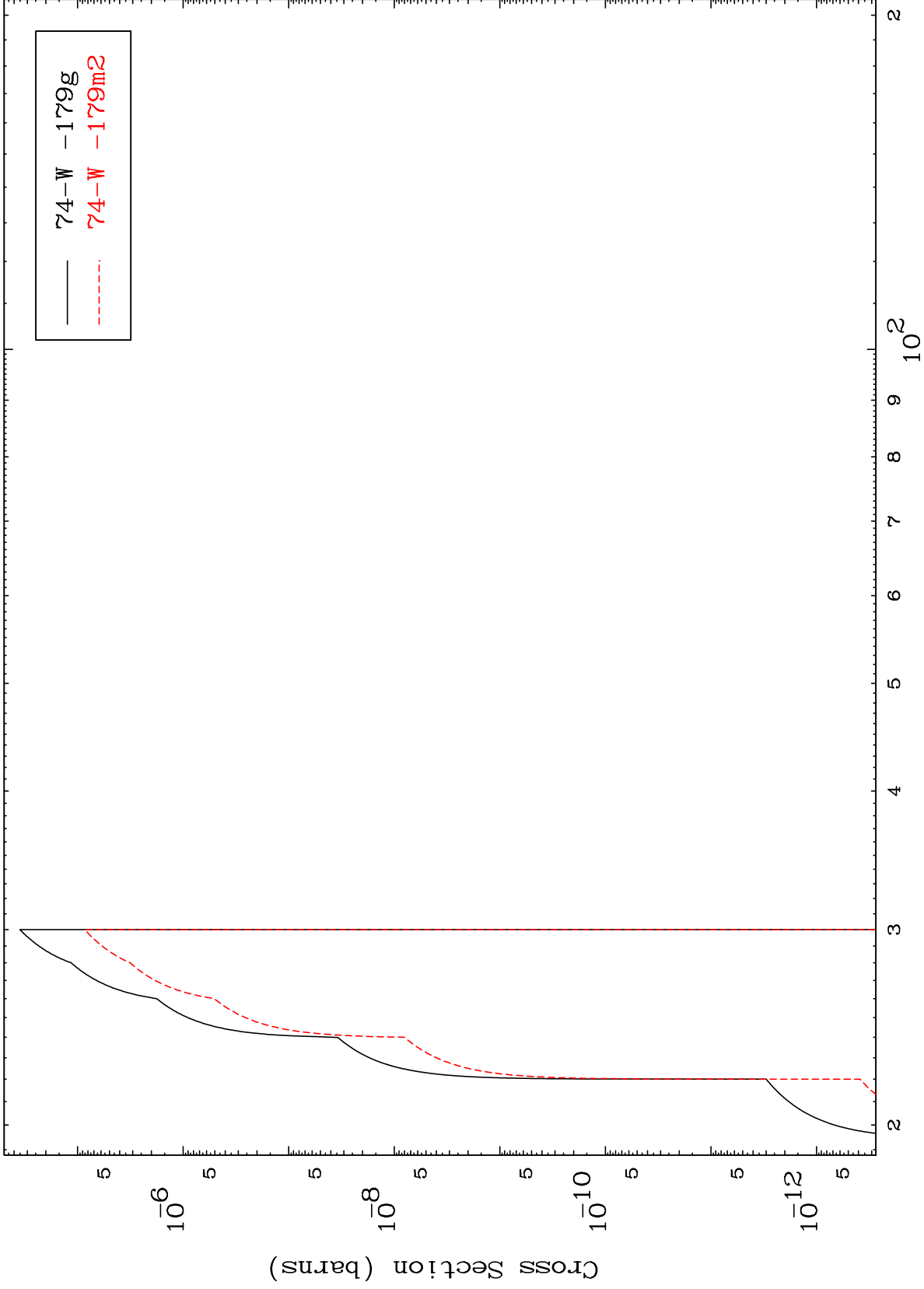
75-Re-182

MAT 7517

($\gamma, 2n$) p

75-Re-182

Radionuclide Production Cross Section



11

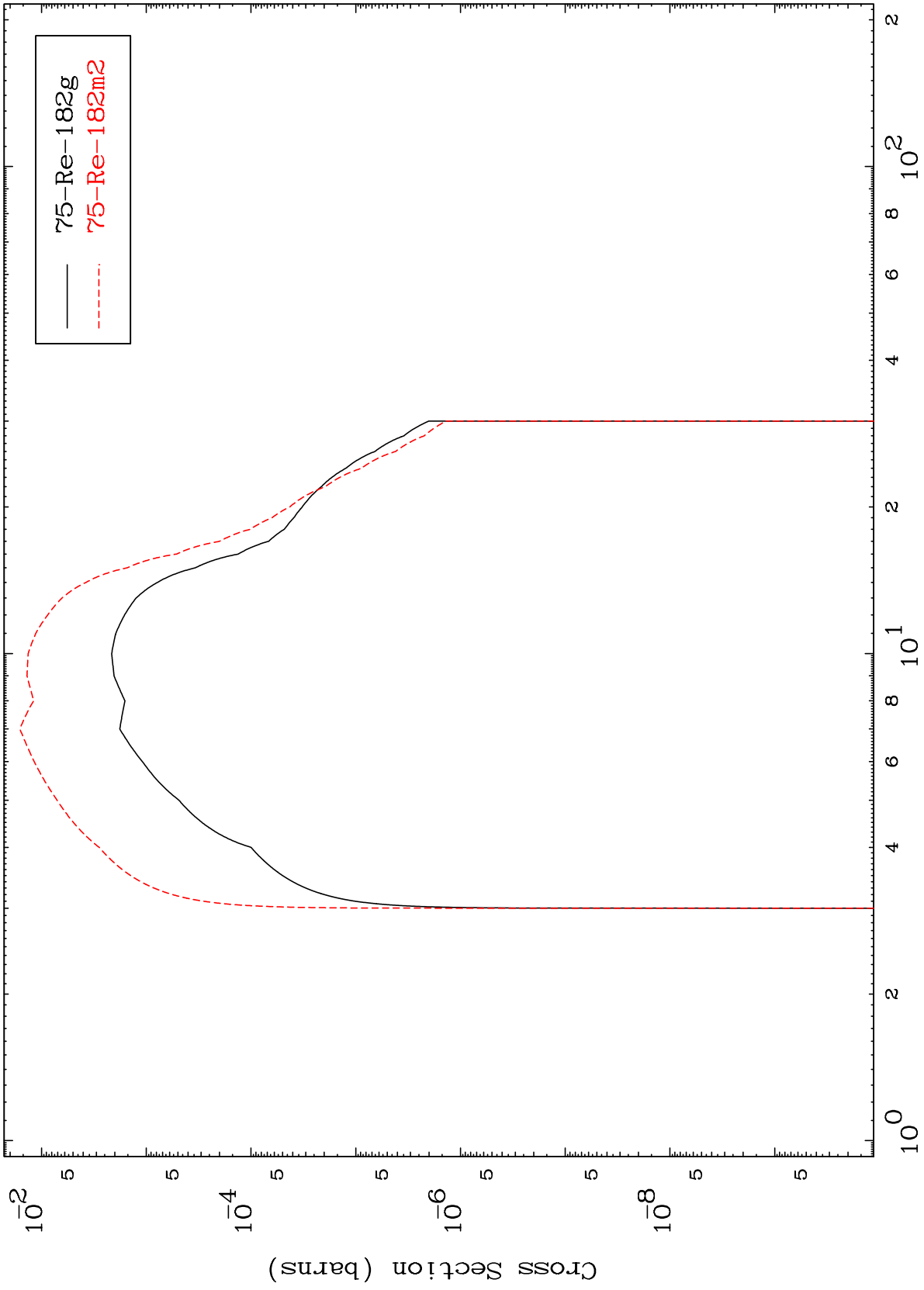
Incident Energy (MeV)

75-Re-182

MAT 7517

75-Re-182

Radionuclide Production Cross Section (γ, γ)



Incident Energy (MeV)

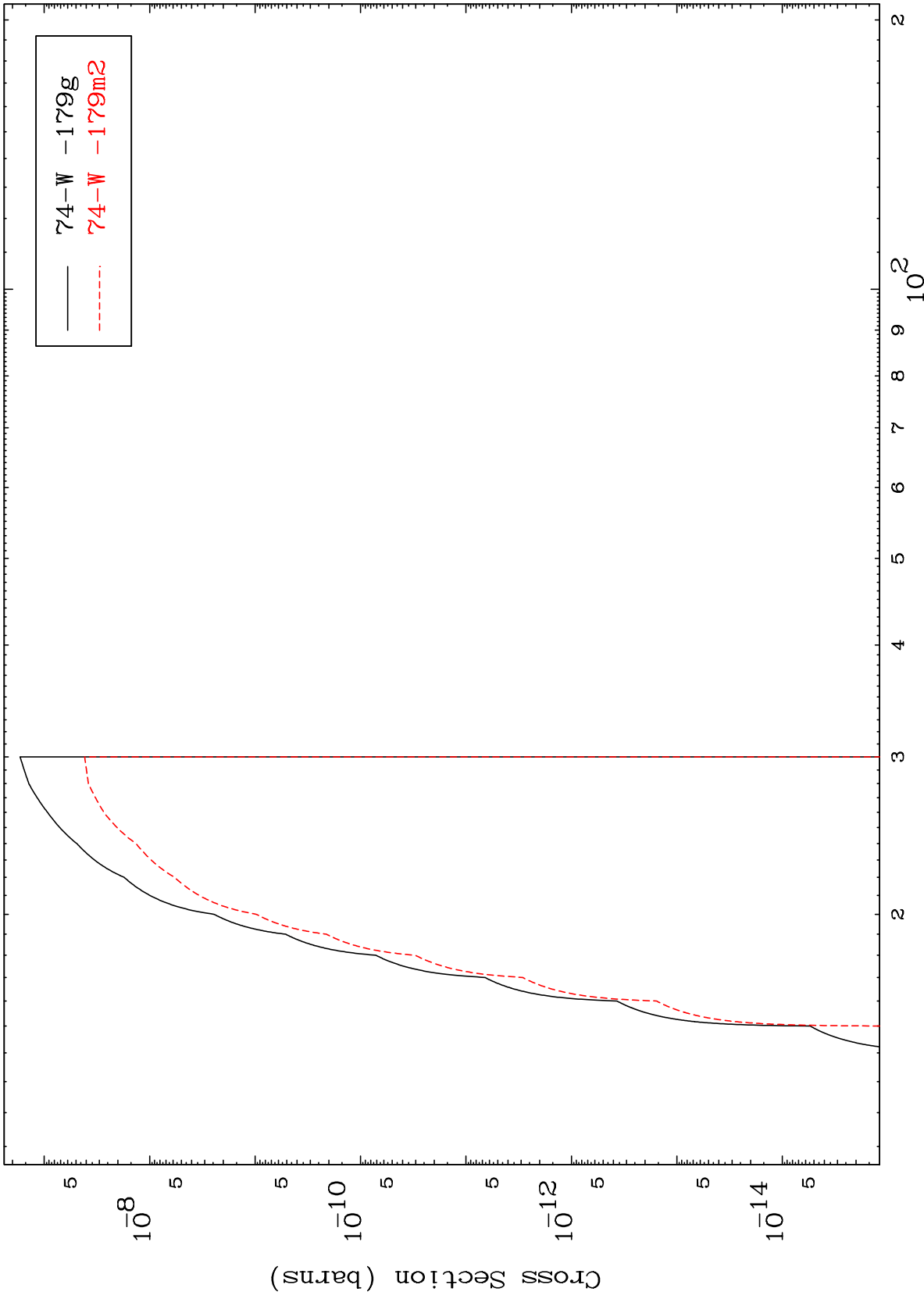
75-Re-182

MAT 7517

(γ, t)

75-Re-182

Radionuclide Production Cross Section



13

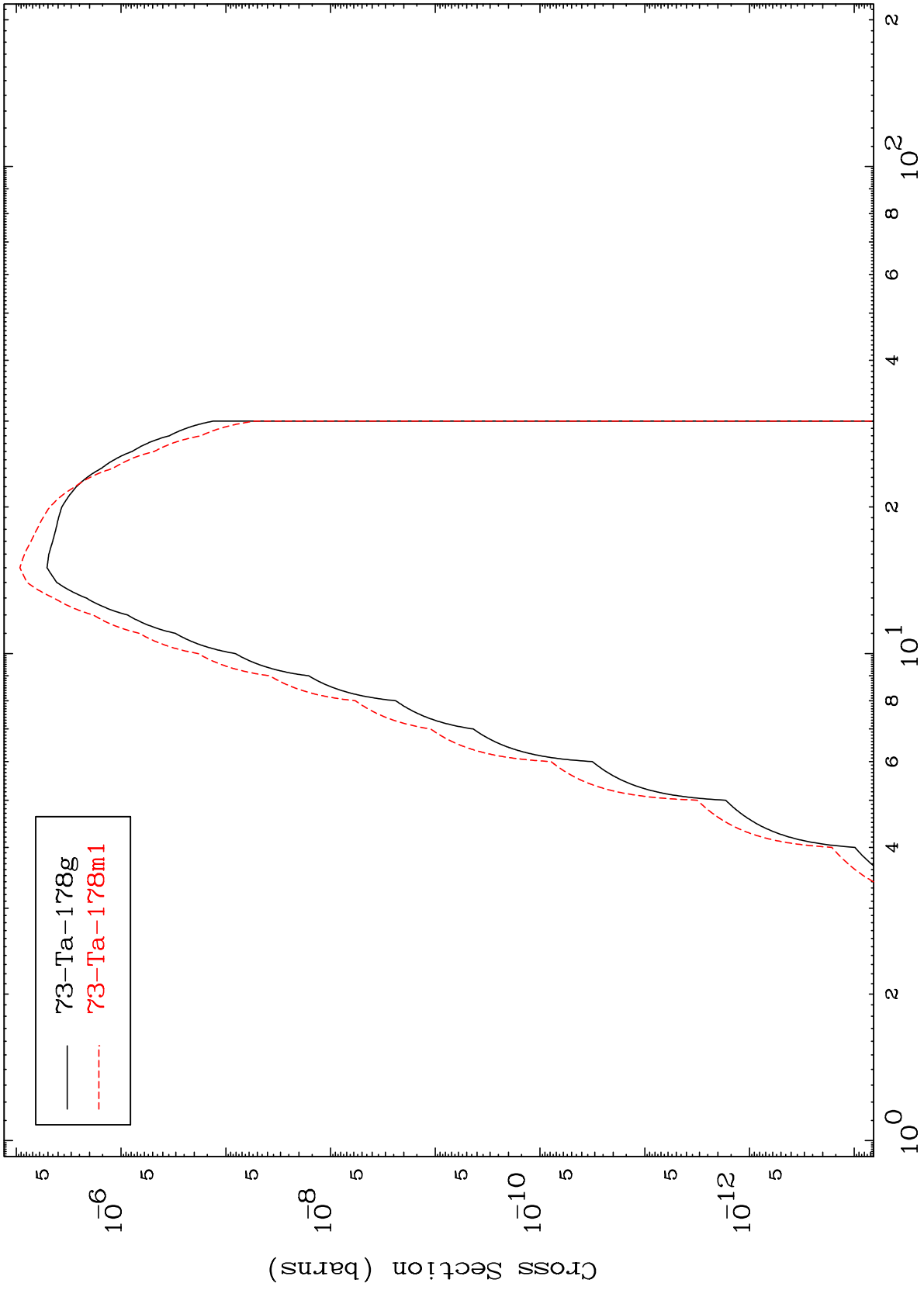
Incident Energy (MeV)

75-Re-182

MAT 7517

Radionuclide Production Cross Section
(γ, α)

75-Re-182



73-Ta-178g
73-Ta-178m1

14

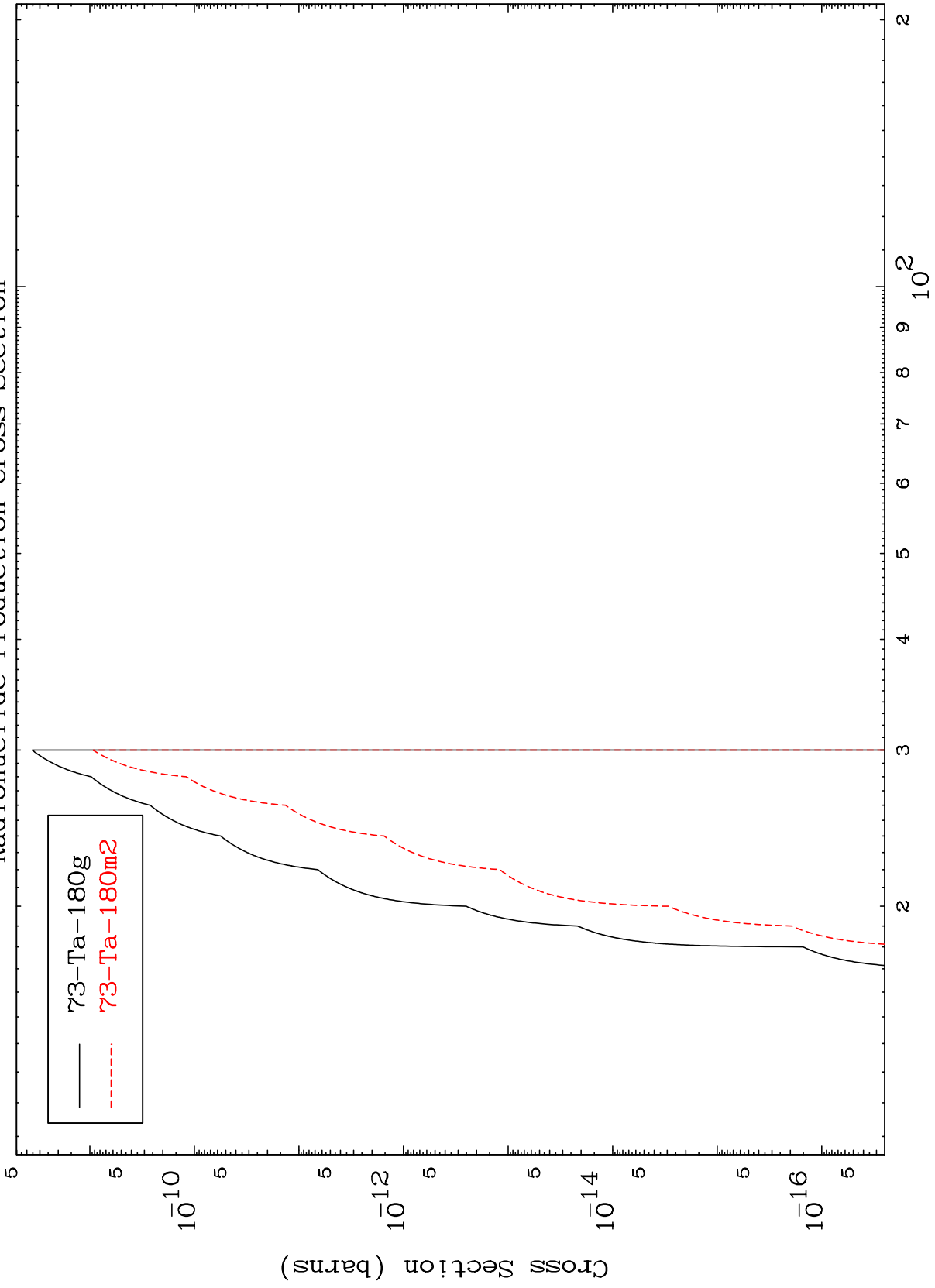
Incident Energy (MeV)

75-Re-182

MAT 7517

75-Re-182

($\gamma, 2p$)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

75-Re-182