

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

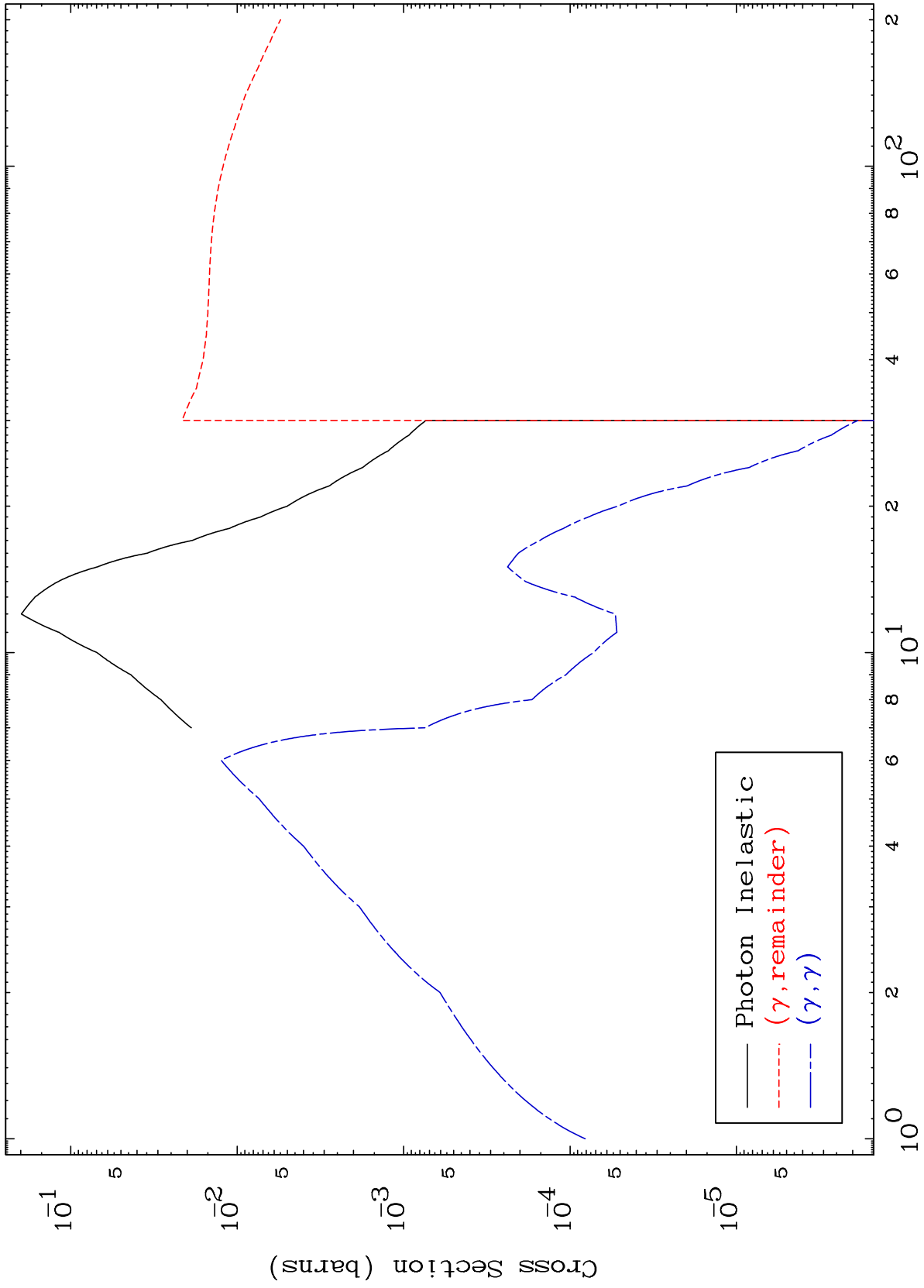
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

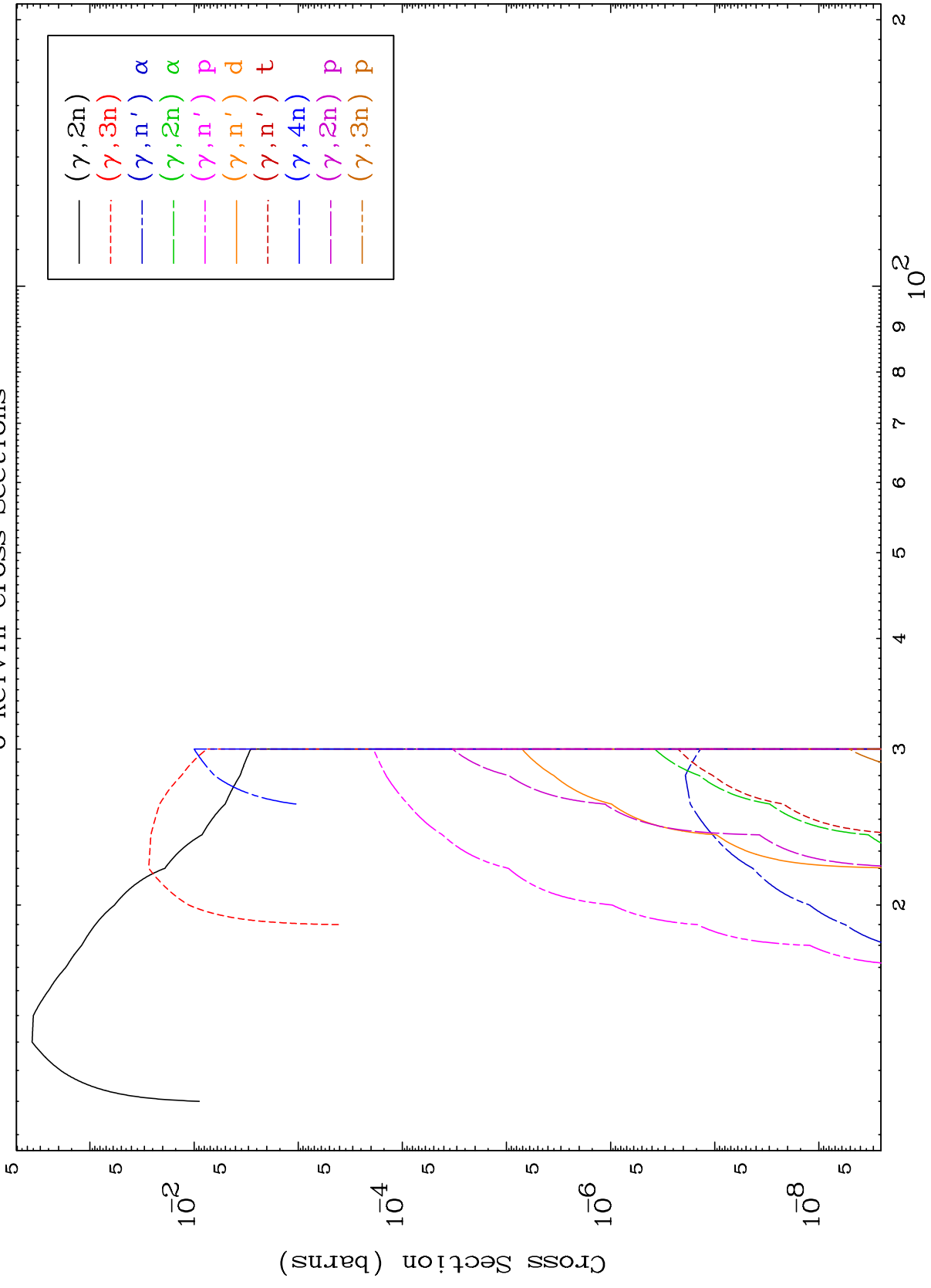
Press Mouse Button to Start

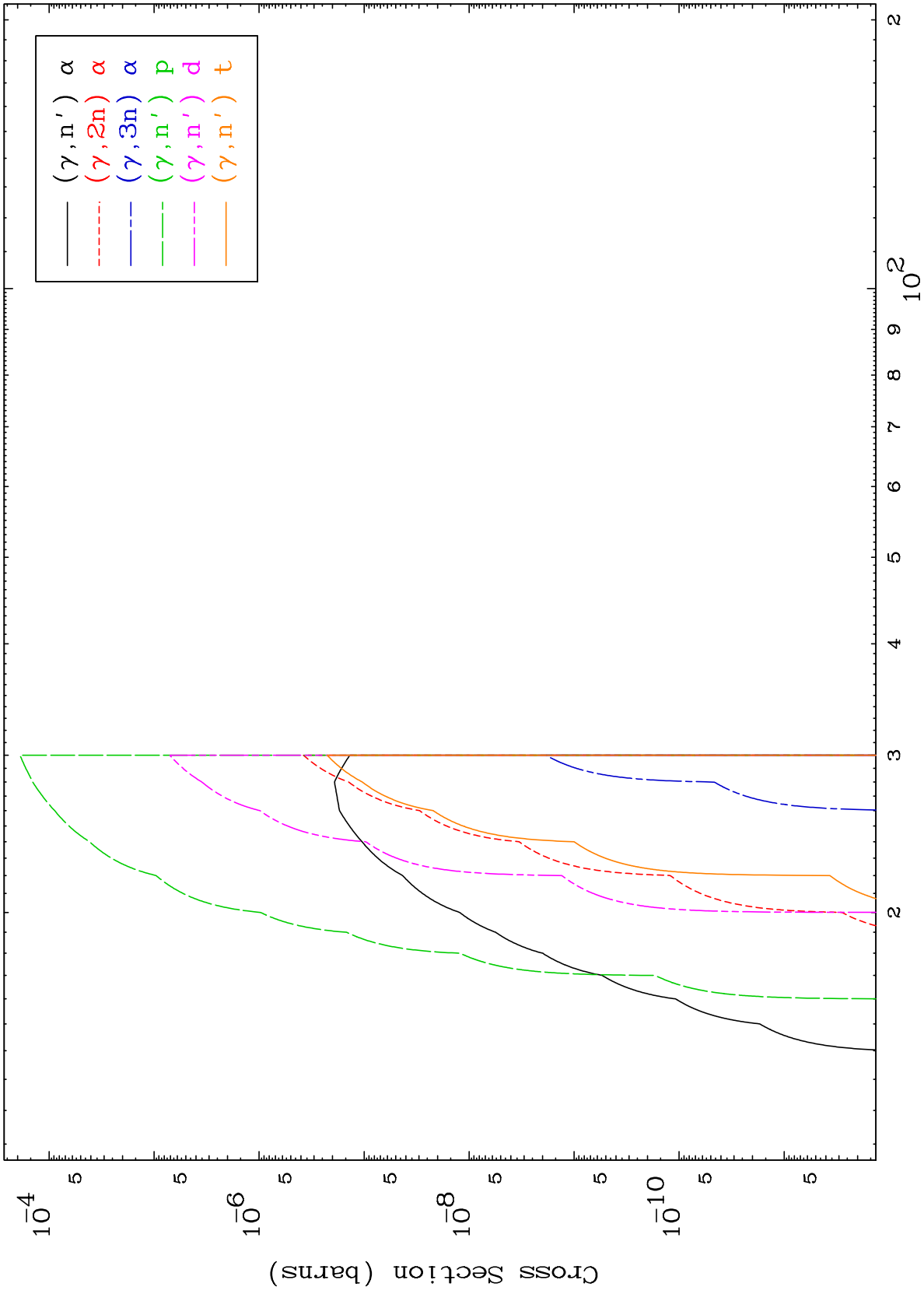
MAT 7143

Photon Major
0 Kelvin Cross Sections

71-Lu-181



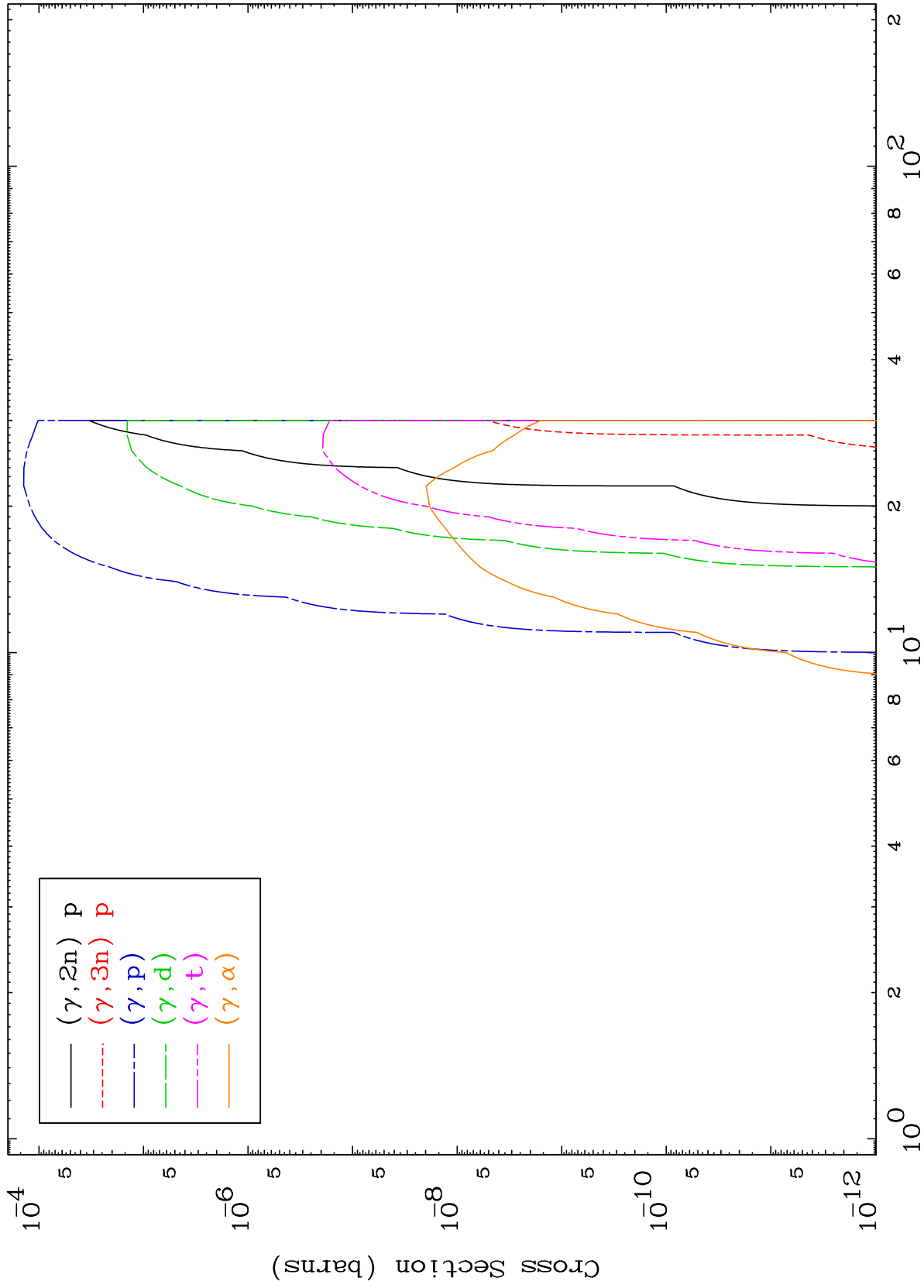




MAT 7143

Photon Charged Particle
0 Kelvin Cross Sections

71-Lu-181



71-Lu-181

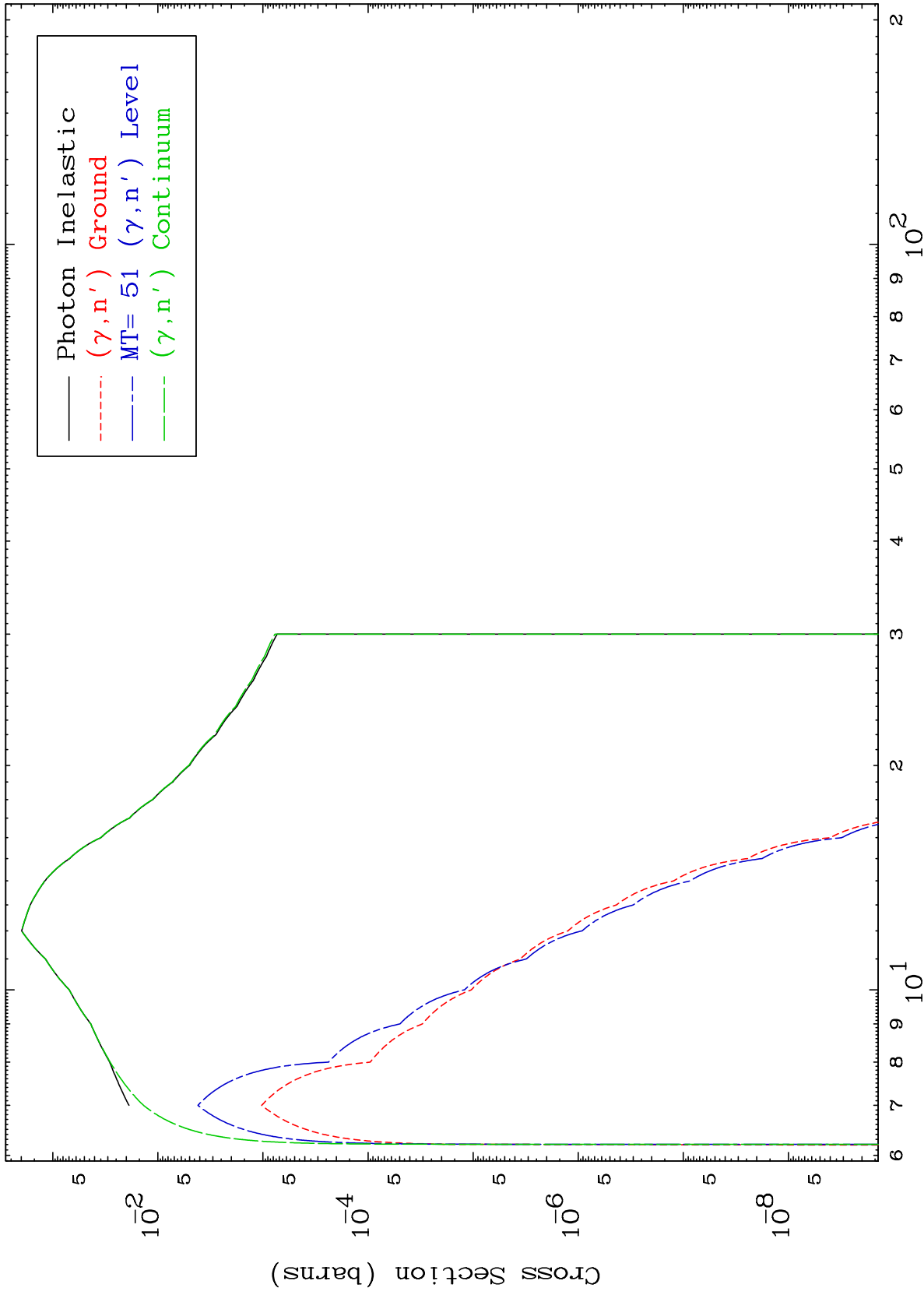
Incident Energy (MeV)

4

MAT 7143

(γ, n') Level
0 Kelvin Cross Sections

71-Lu-181



5

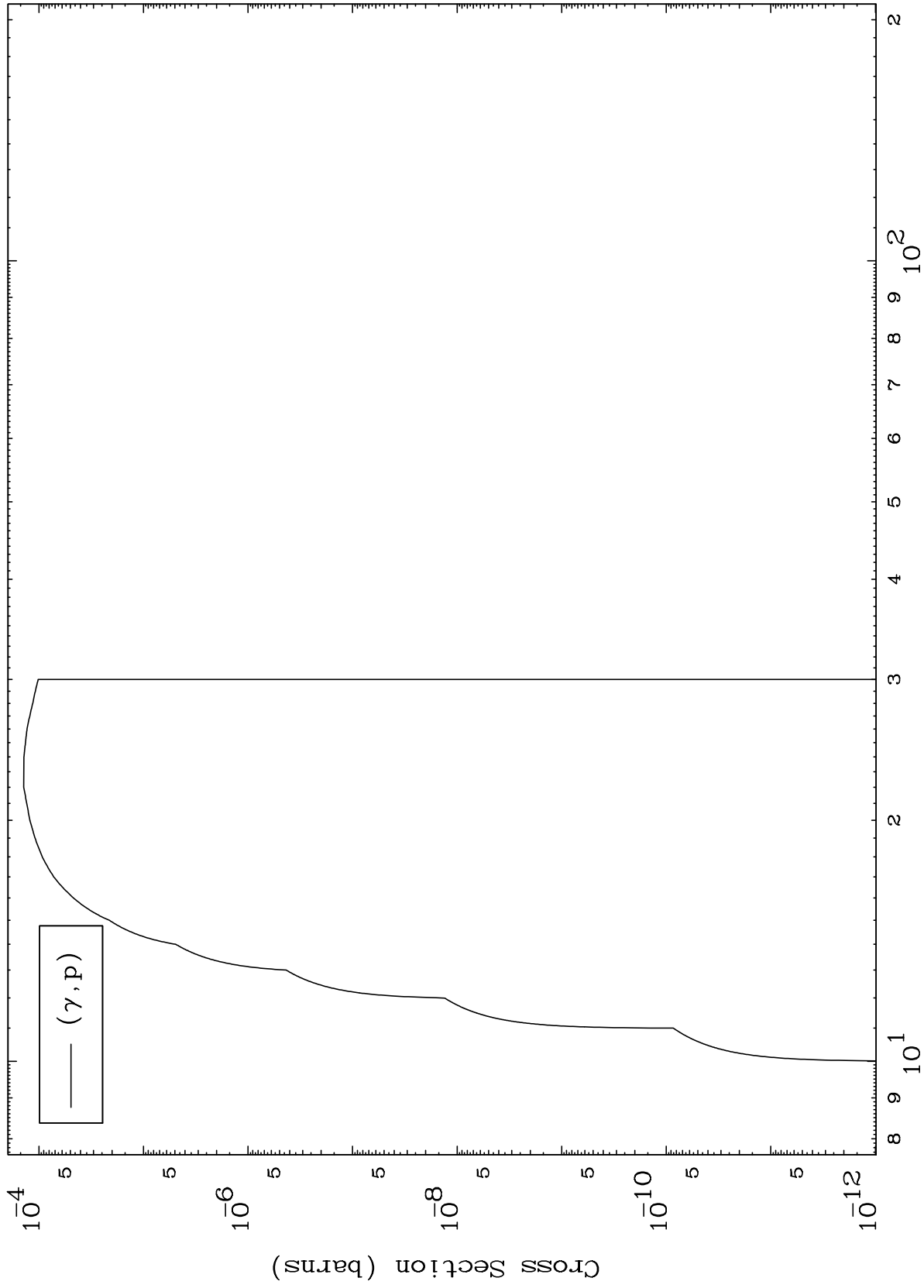
Incident Energy (MeV)

71-Lu-181

MAT 7143

(γ, p) Levels
0 Kelvin Cross Sections

71-Lu-181



6

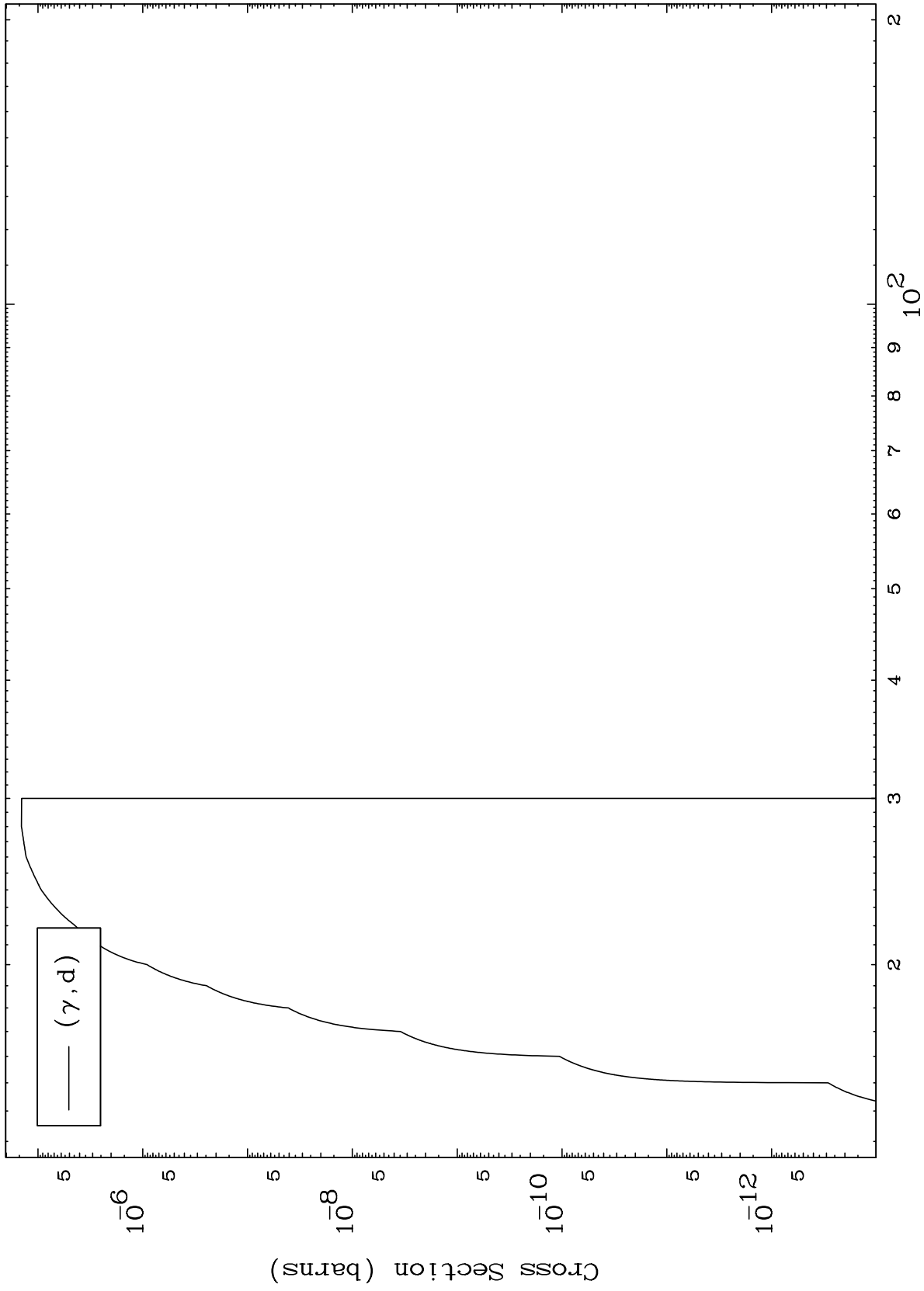
Incident Energy (MeV)

71-Lu-181

MAT 7143

(γ, d) Levels
0 Kelvin Cross Sections

71-Lu-181



7

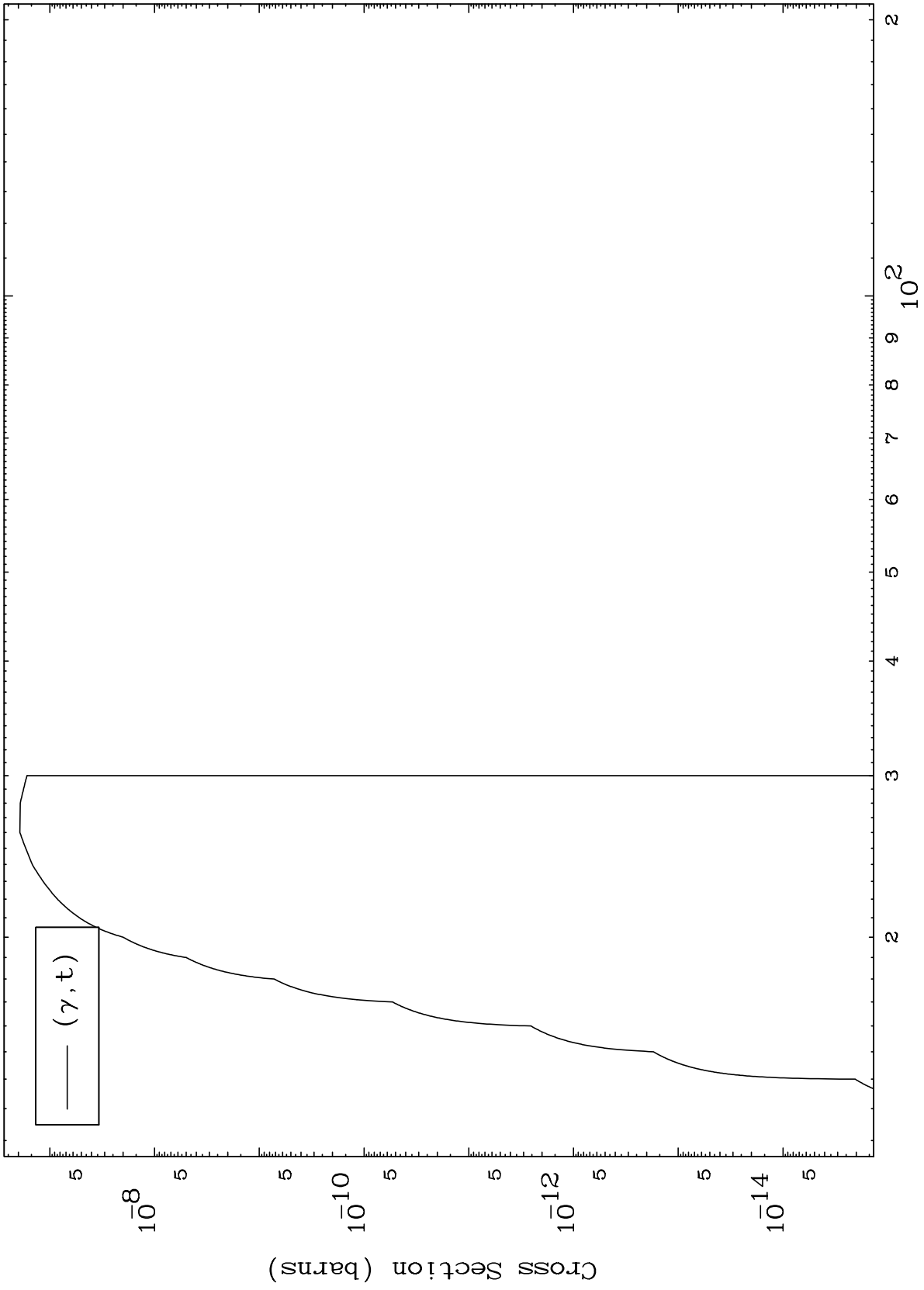
Incident Energy (MeV)

71-Lu-181

MAT 7143

(γ, t) Levels
0 Kelvin Cross Sections

71-Lu-181



8

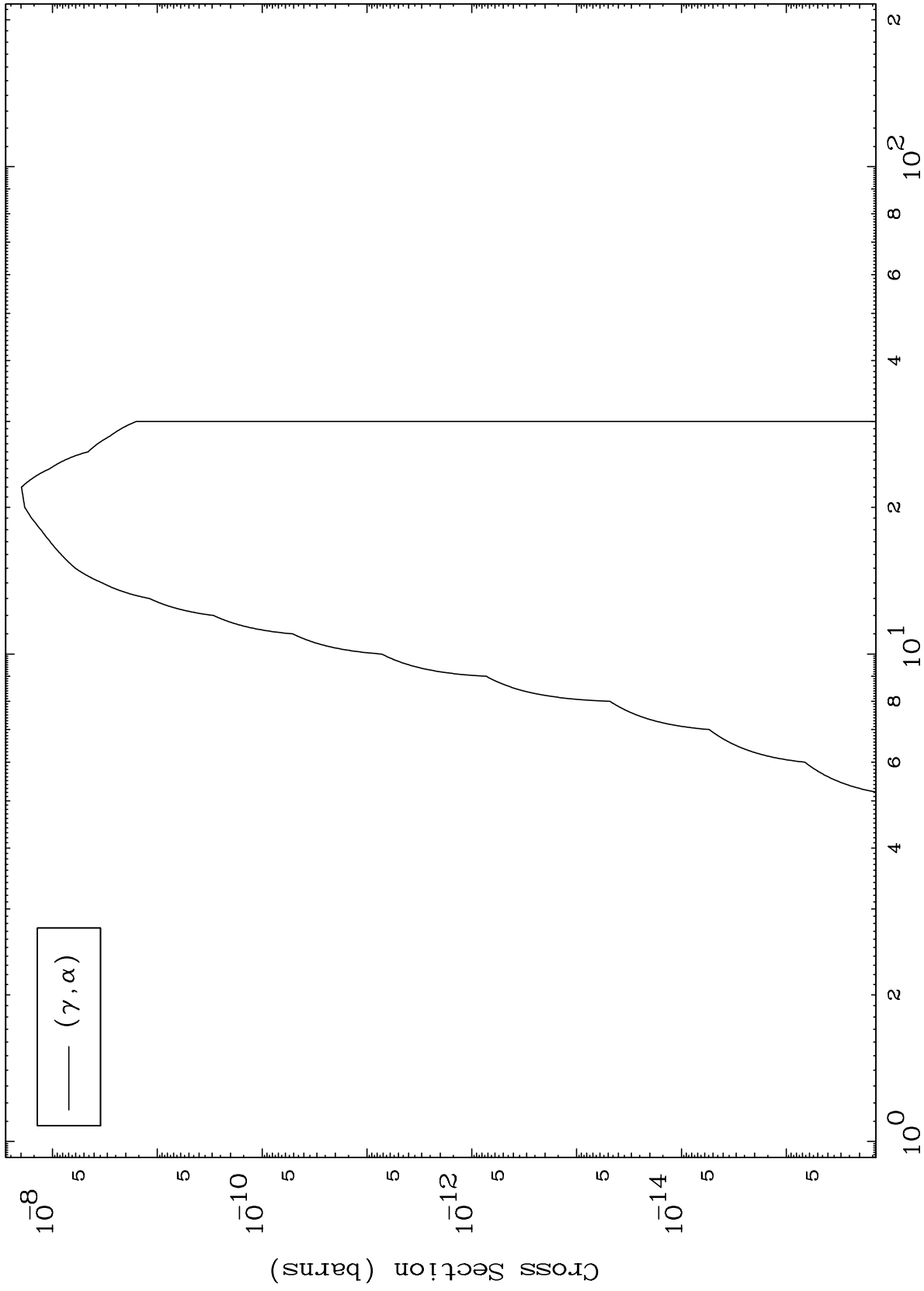
Incident Energy (MeV)

71-Lu-181

MAT 7143

(γ, α) Levels
0 Kelvin Cross Sections

71-Lu-181



Incident Energy (MeV)

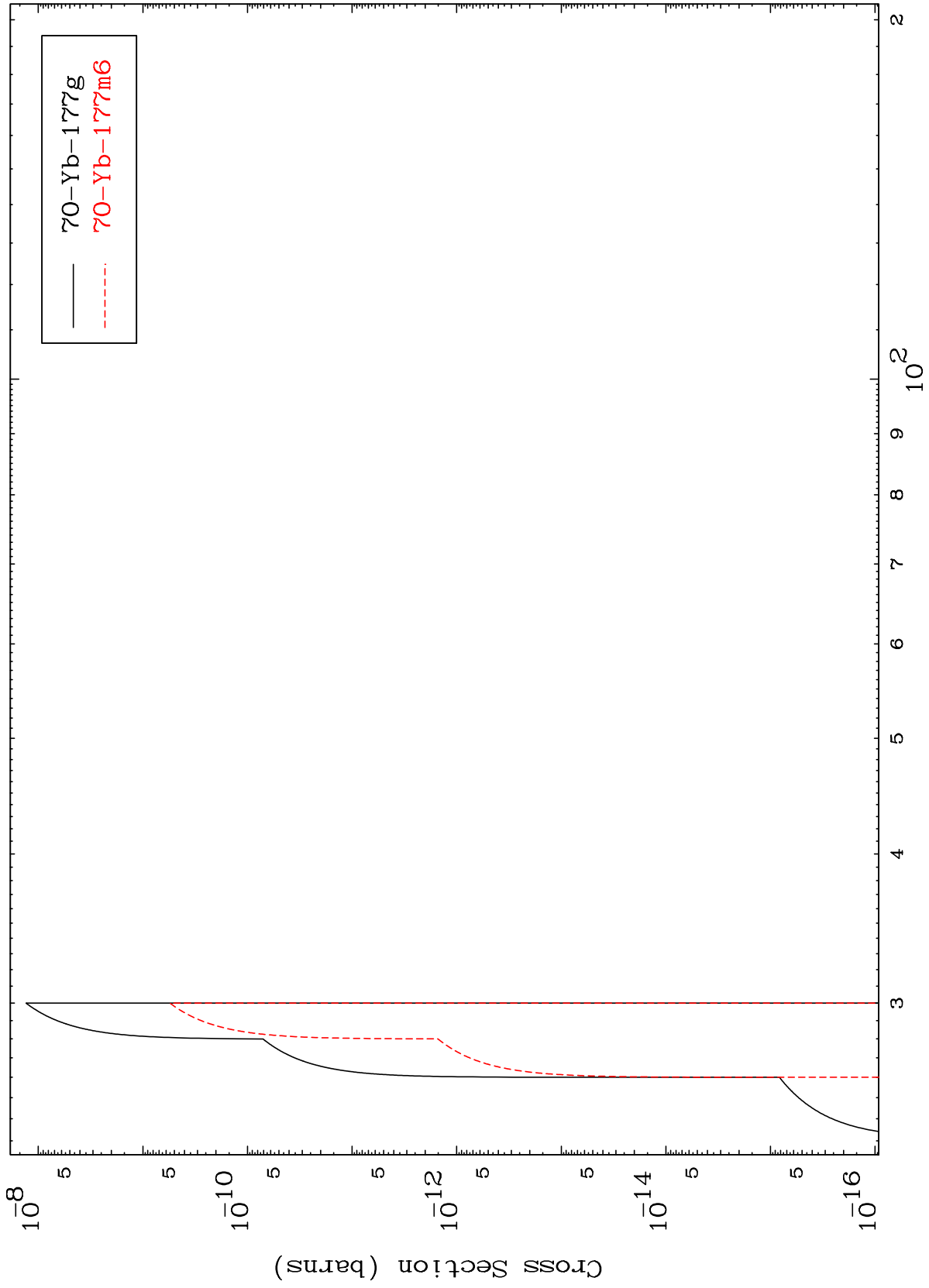
71-Lu-181

MAT 7143

($\gamma, 2n$) d

71-Lu-181

Radionuclide Production Cross Section



10

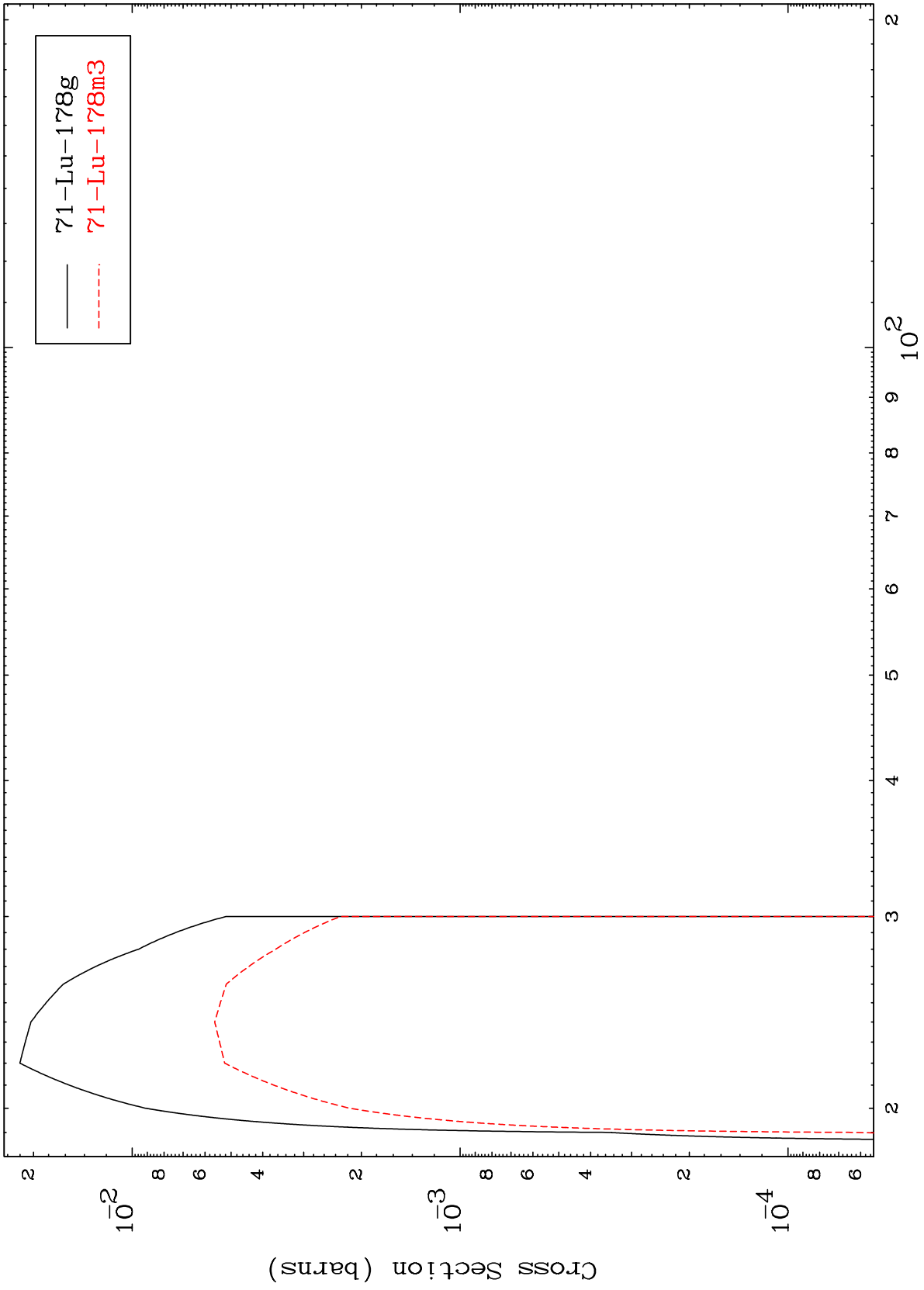
Incident Energy (MeV)

71-Lu-181

MAT 7143

71-Lu-181

($\gamma, 3n$)
Radionuclide Production Cross Section



11

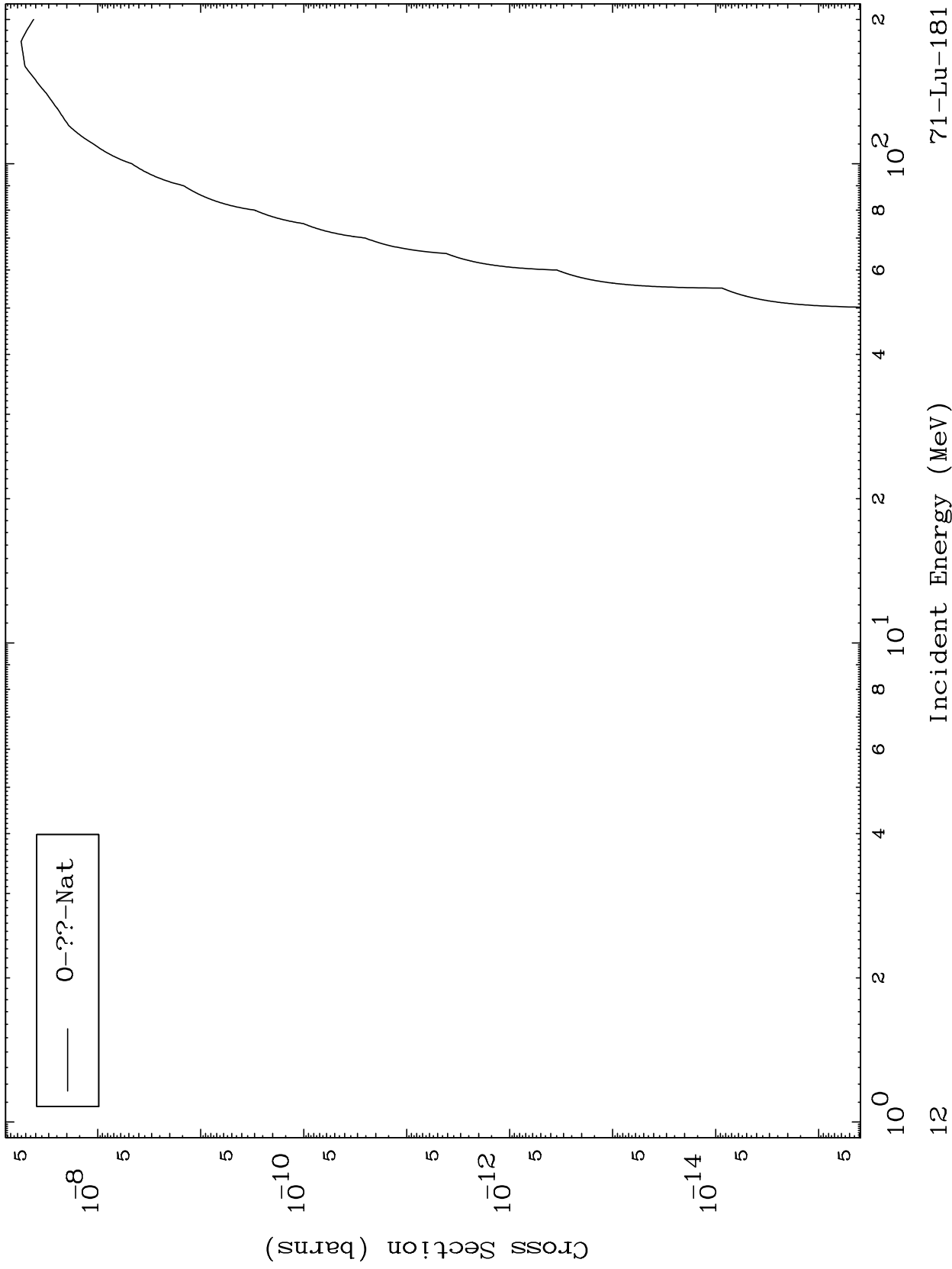
Incident Energy (MeV)

71-Lu-181

MAT 7143

Photon Fission
Radionuclide Production Cross Section

71-Lu-181



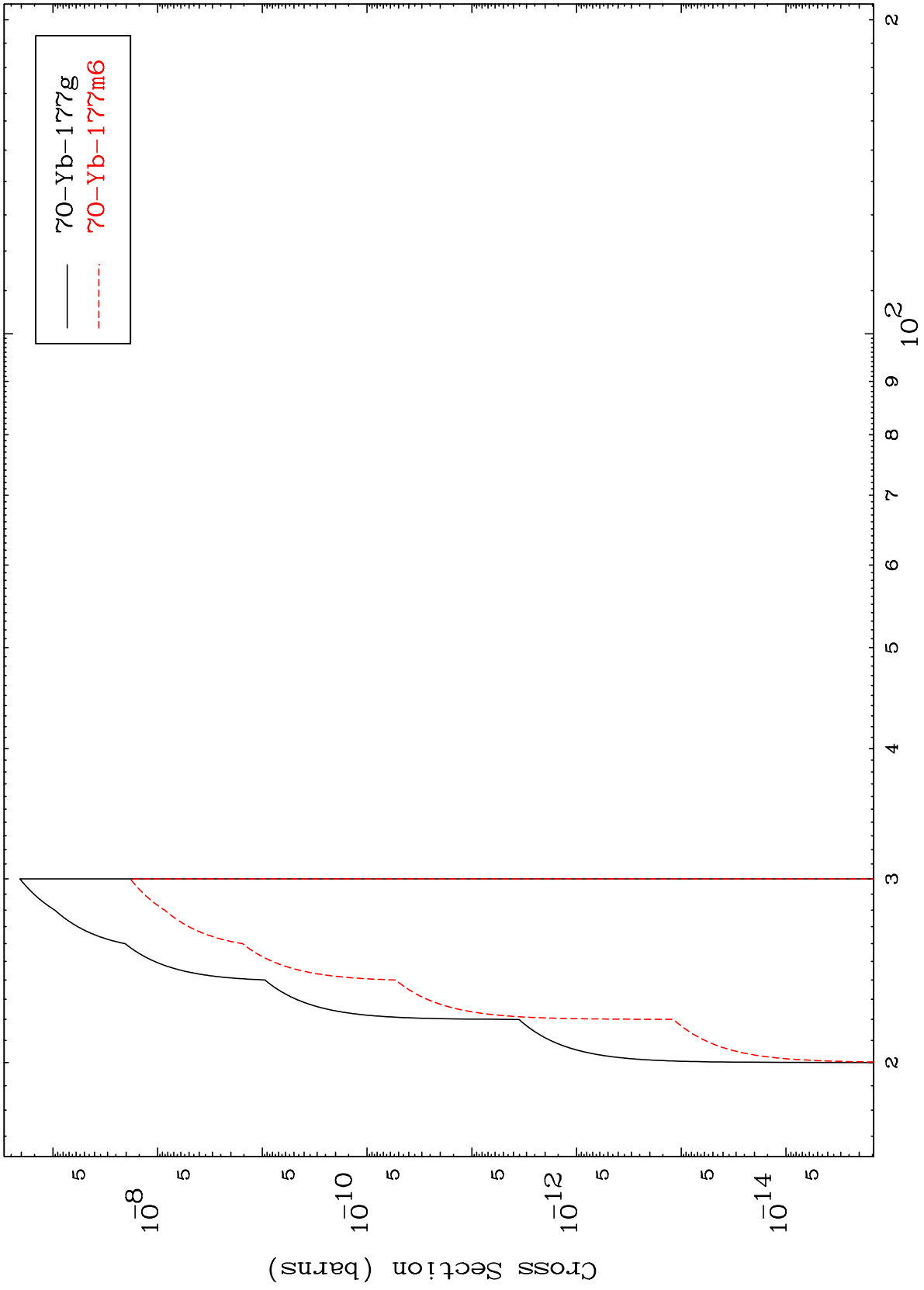
71-Lu-181

MAT 7143

(γ, n') t

71-Lu-181

Radionuclide Production Cross Section



13

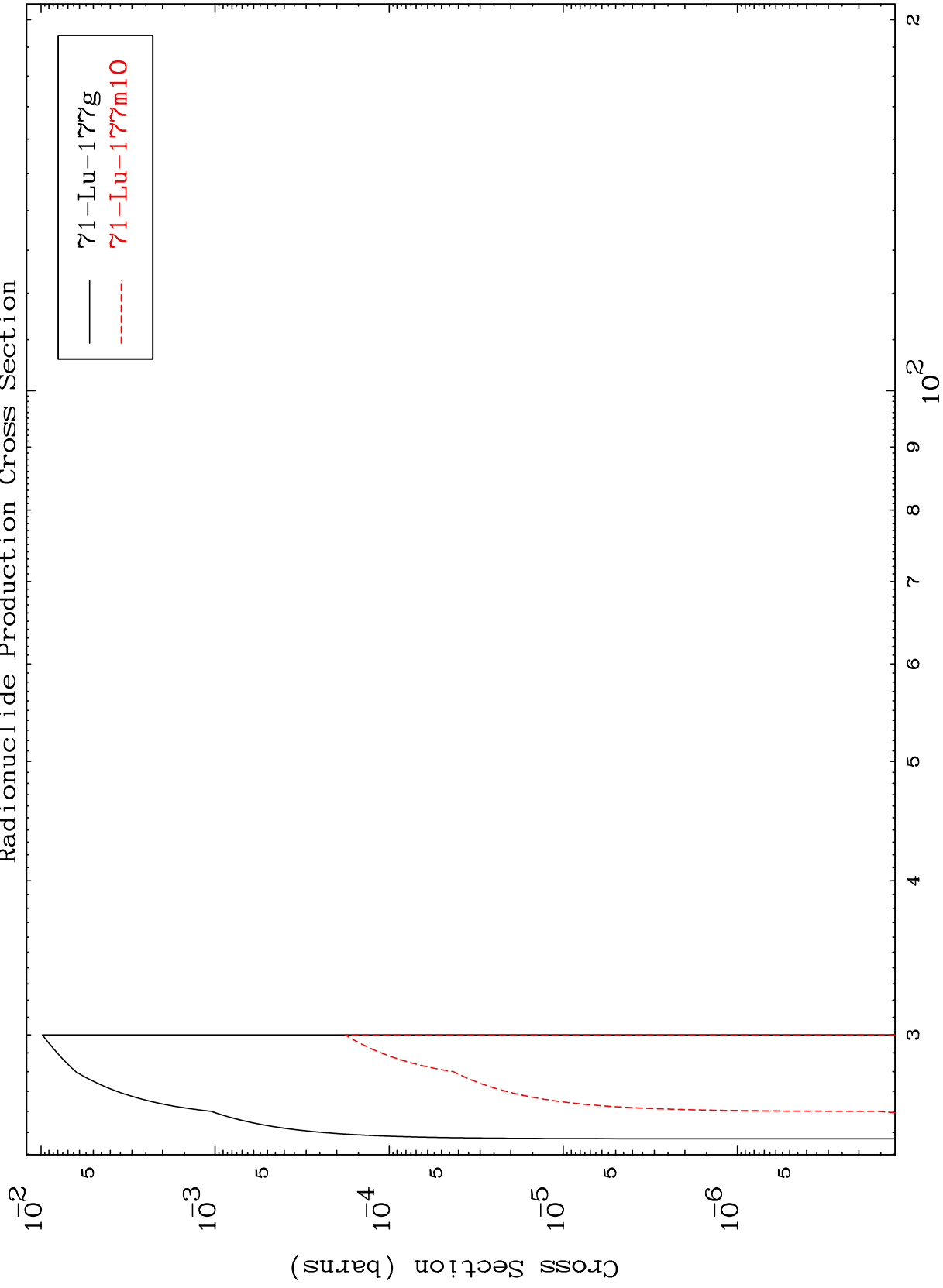
Incident Energy (MeV)

71-Lu-181

MAT 7143

71-Lu-181

($\gamma, 4n$)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

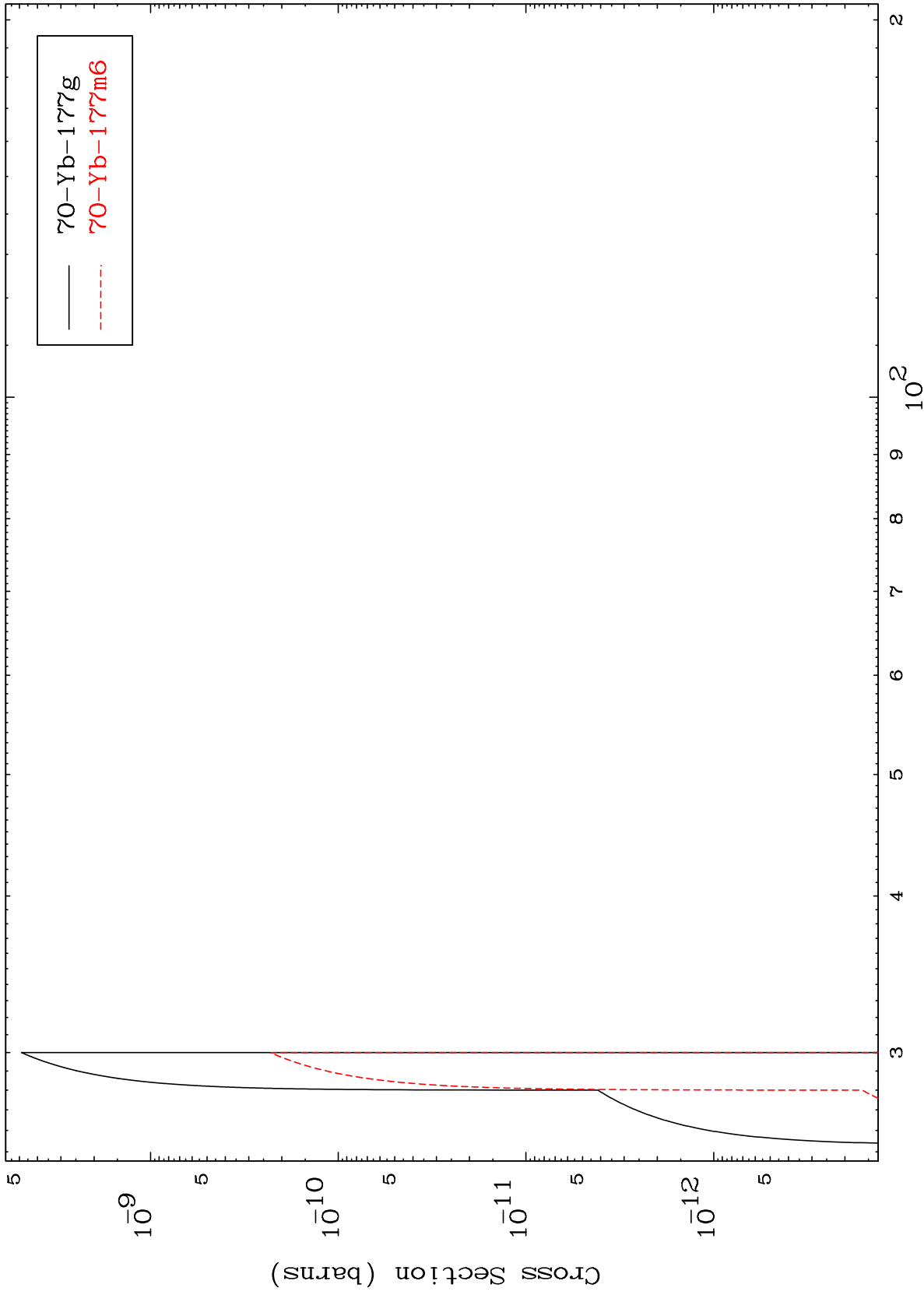
71-Lu-181

MAT 7143

($\gamma, 3n$) p

71-Lu-181

Radionuclide Production Cross Section



15

Incident Energy (MeV)

71-Lu-181