

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

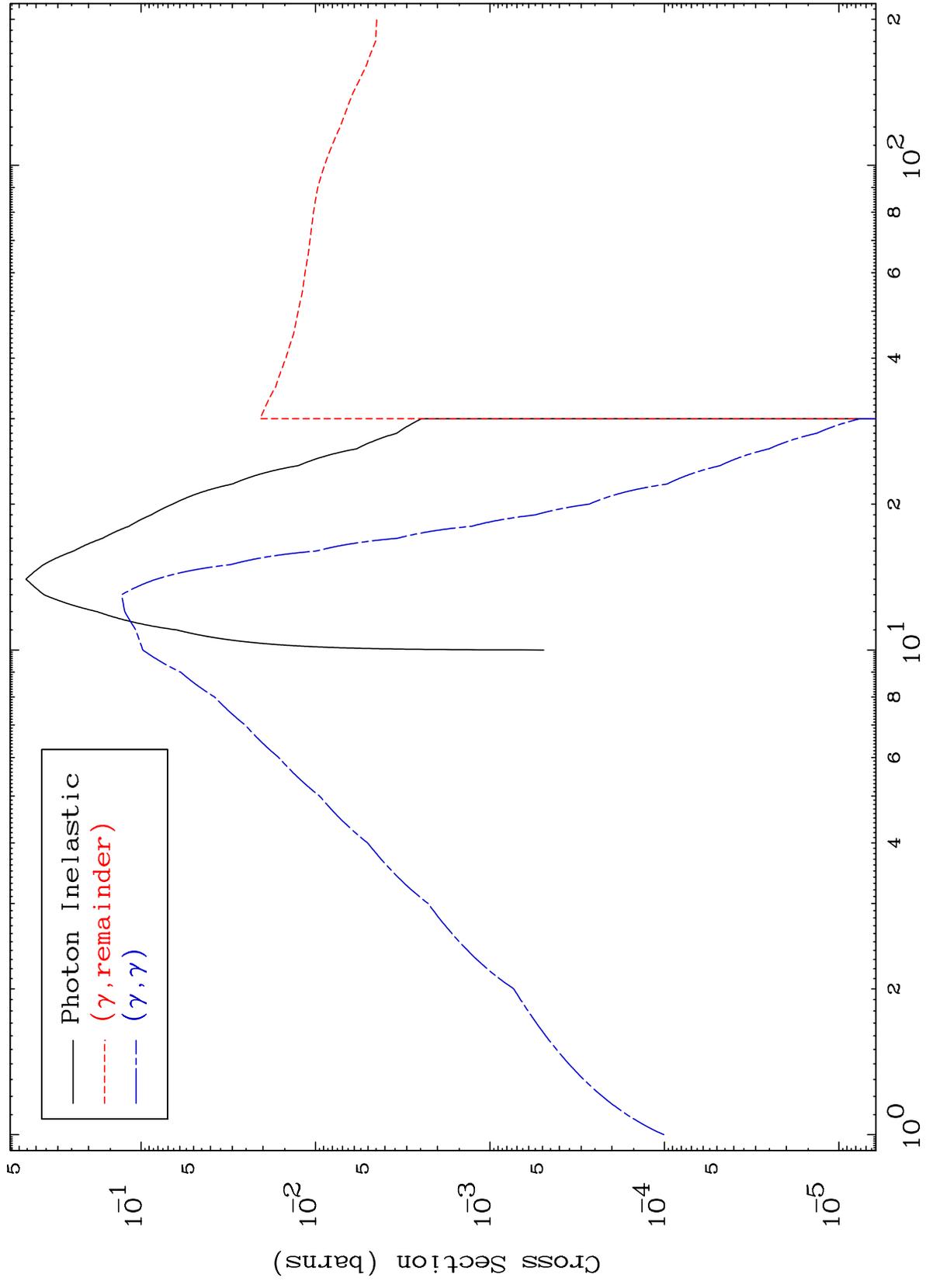
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8716

Photon Major
0 Kelvin Cross Sections

87-Fr-209



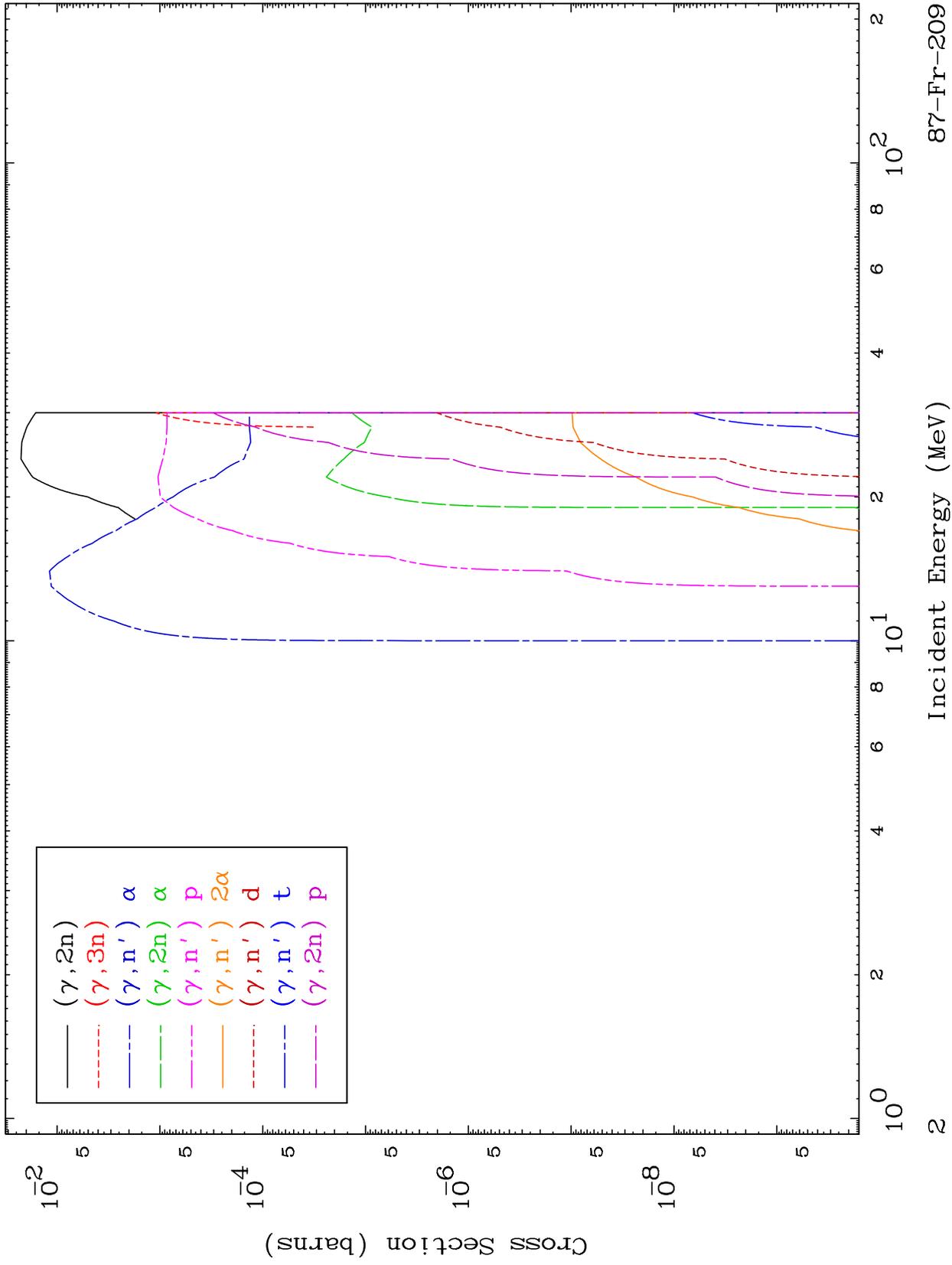
Incident Energy (MeV)

87-Fr-209

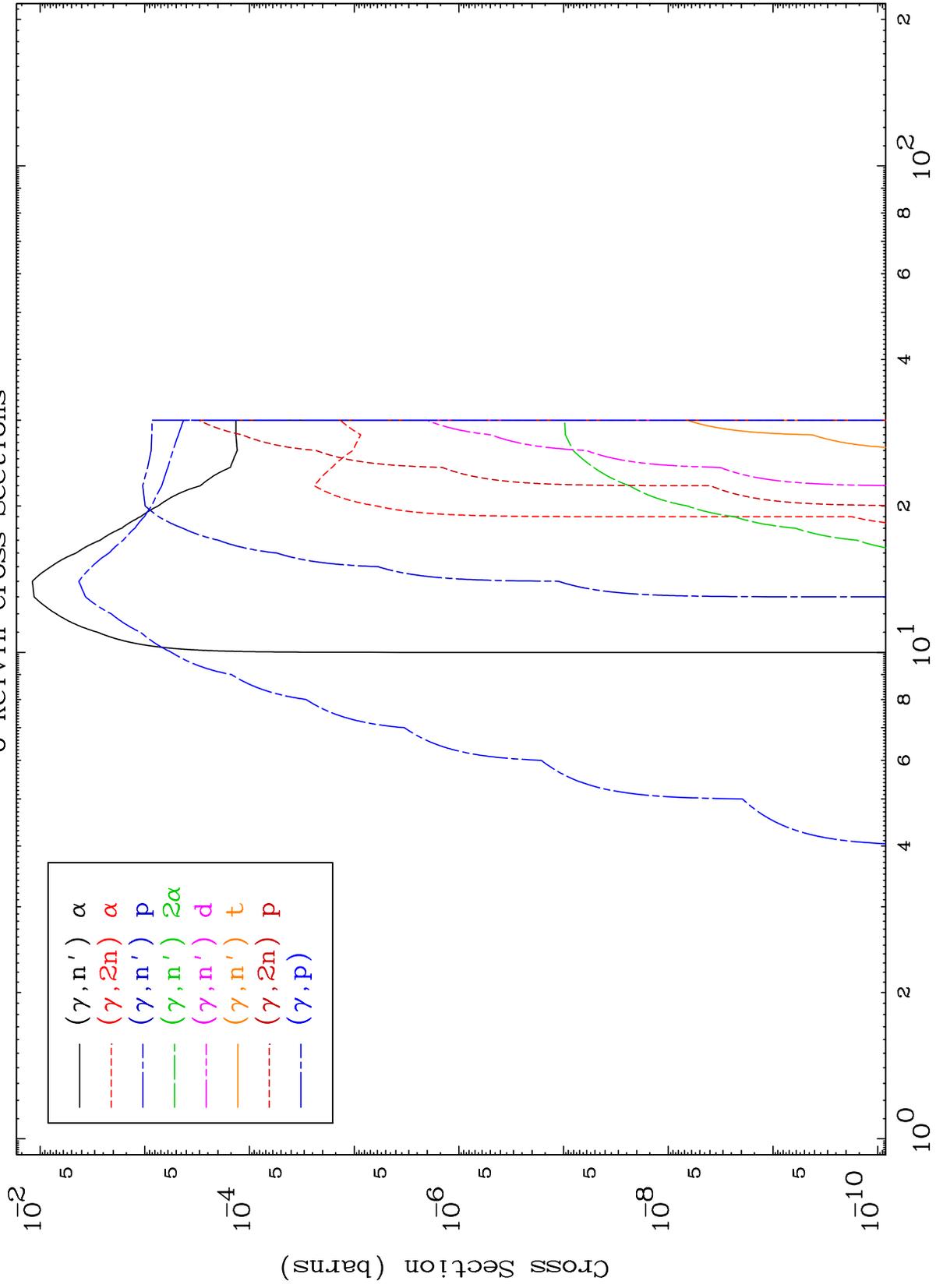
MAT 8716

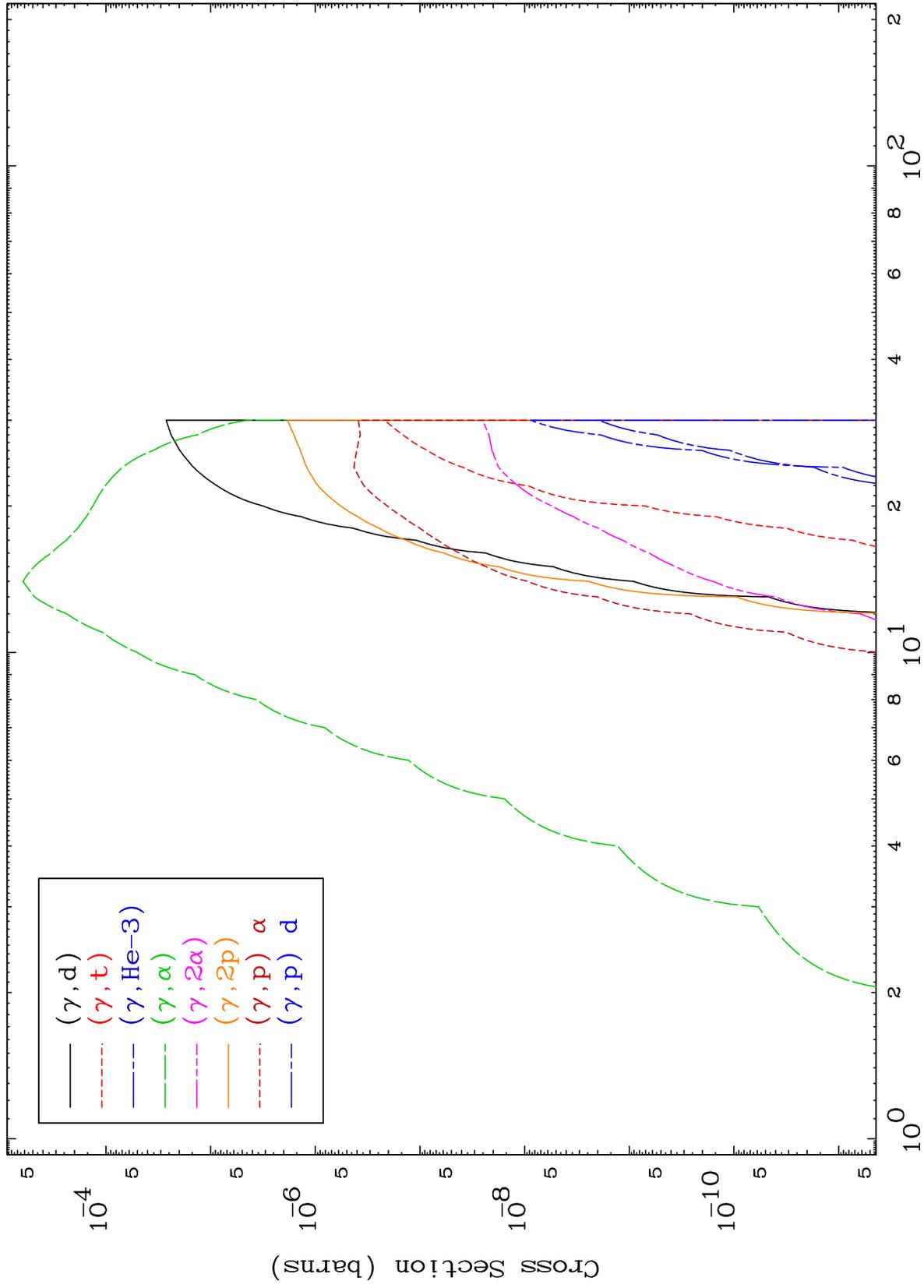
Photon Neutron Production
0 Kelvin Cross Sections

87-Fr-209



87-Fr-209



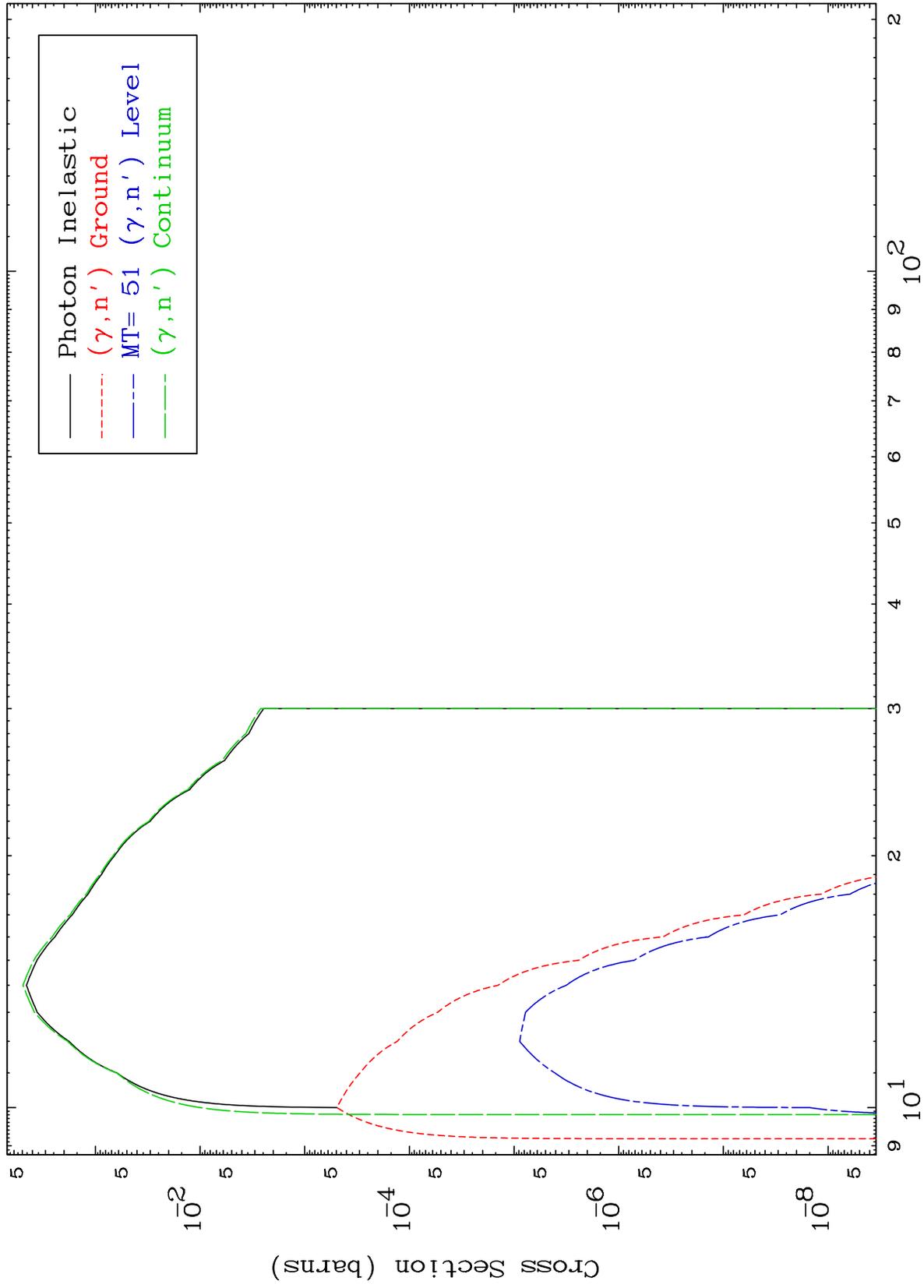


MAT 8716

(γ, n') Level

87-Fr-209

0 Kelvin Cross Sections



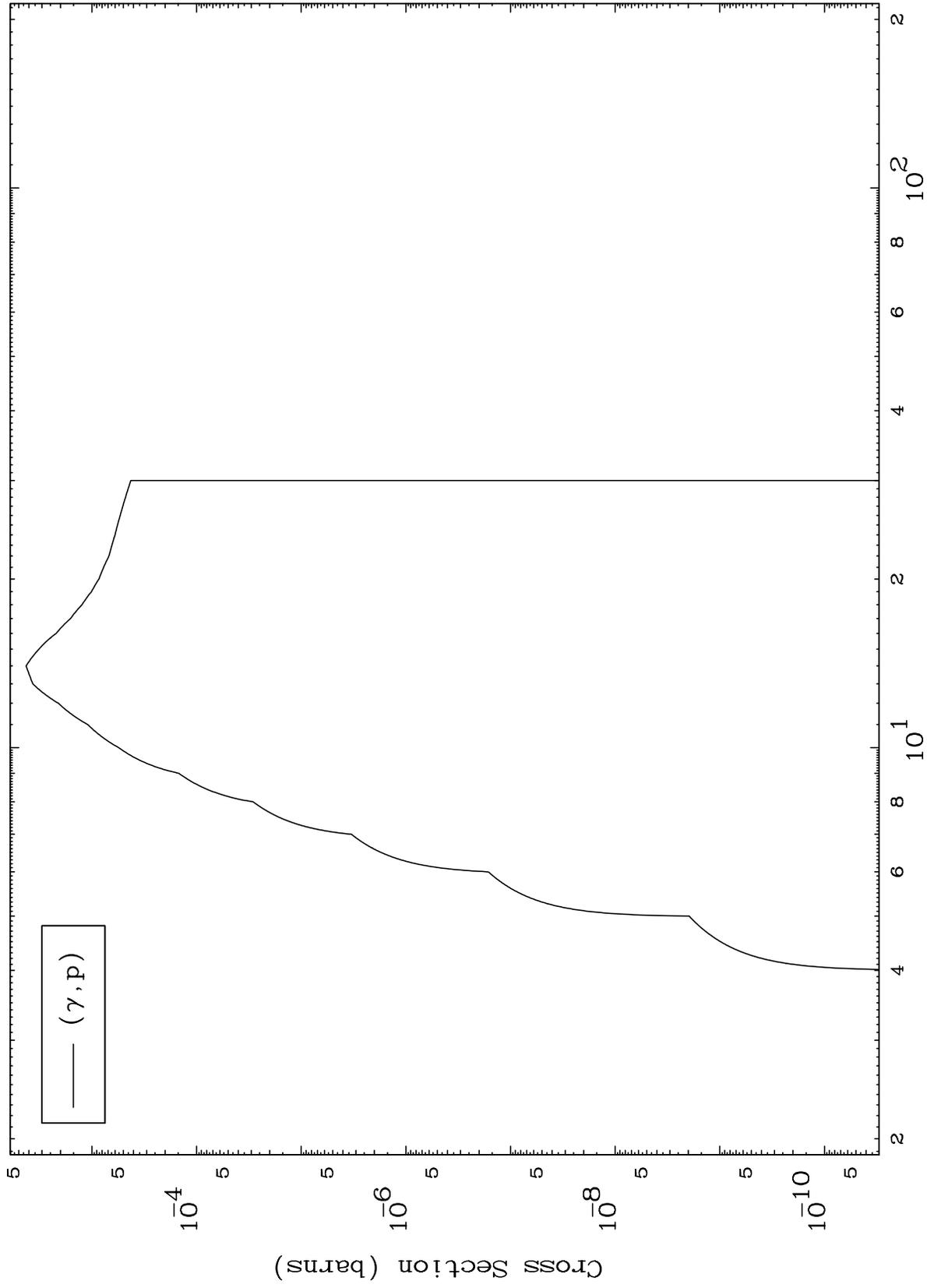
Incident Energy (MeV)

87-Fr-209

MAT 8716

(γ, p) Levels
0 Kelvin Cross Sections

87-Fr-209



6

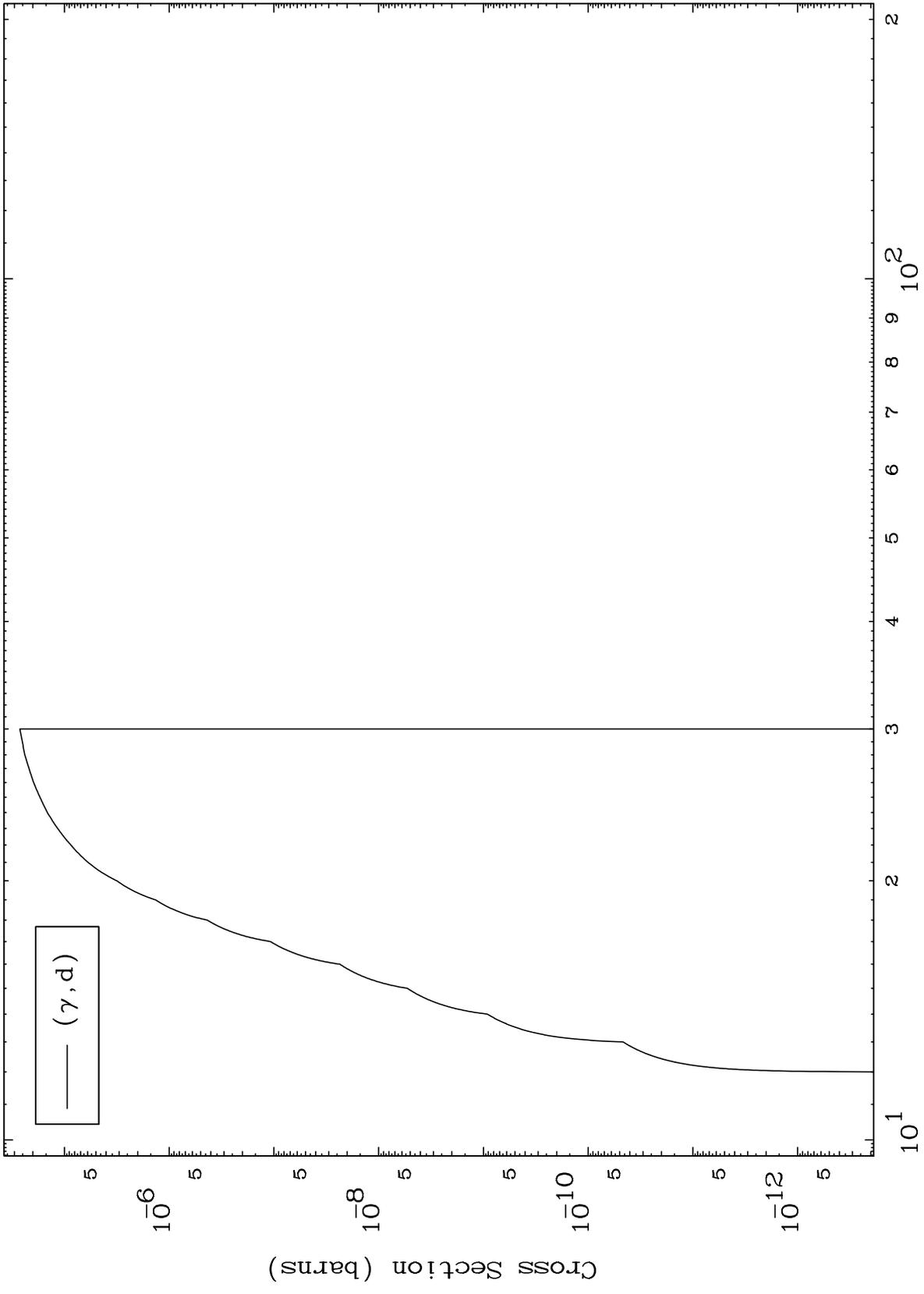
Incident Energy (MeV)

87-Fr-209

MAT 8716

(γ, d) Levels
0 Kelvin Cross Sections

87-Fr-209



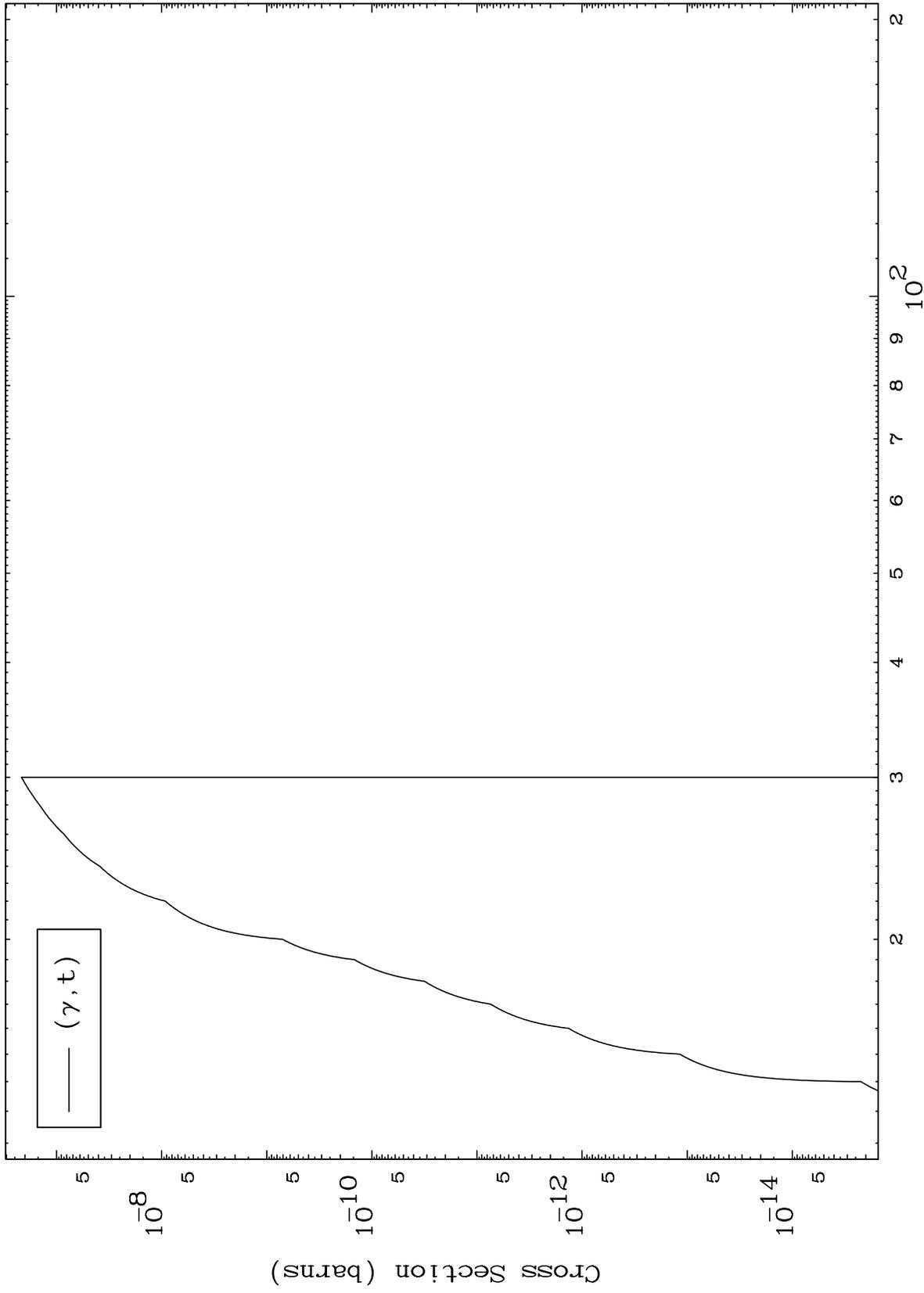
Incident Energy (MeV)

87-Fr-209

MAT 8716

(γ, t) Levels
0 Kelvin Cross Sections

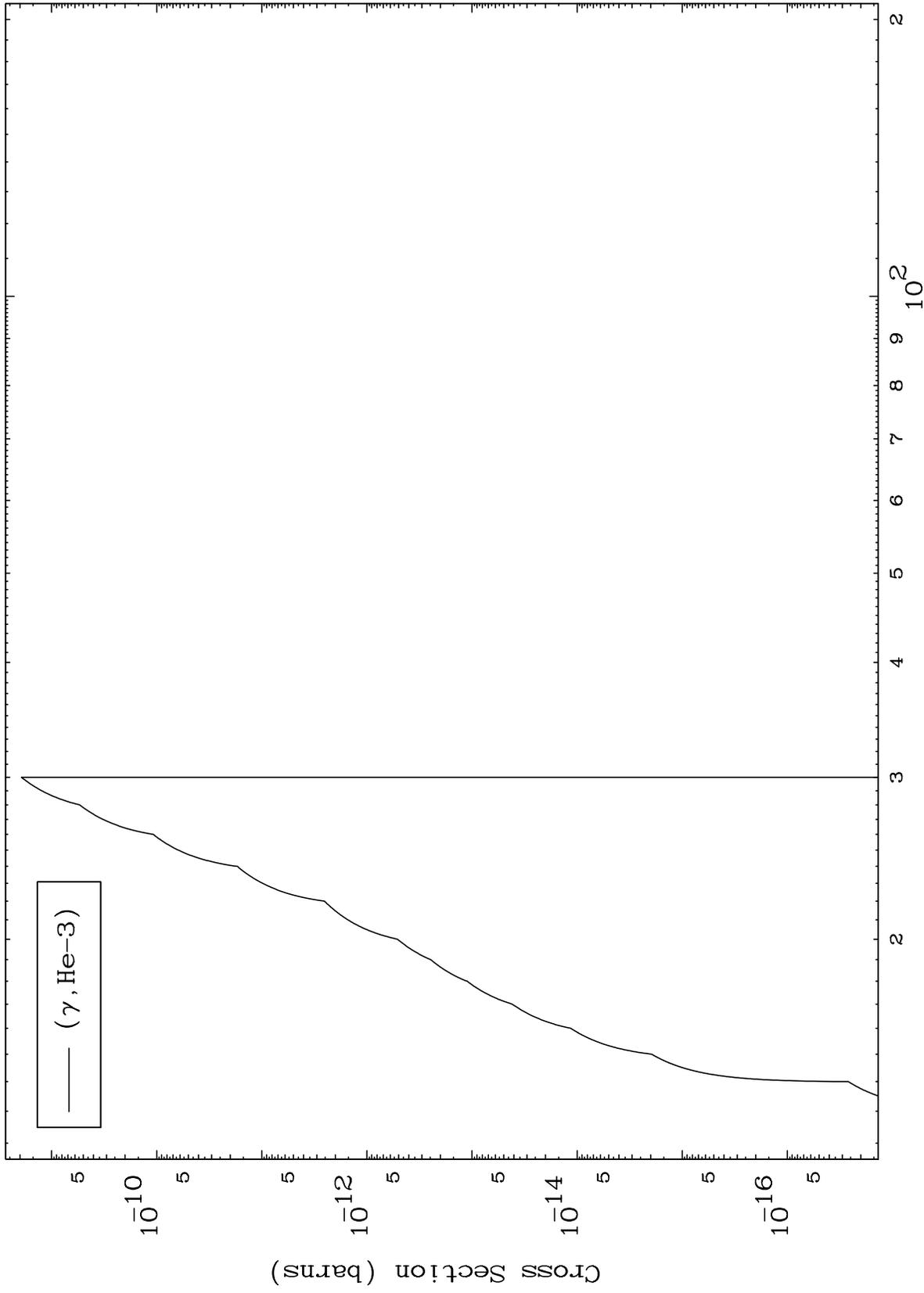
87-Fr-209



8

Incident Energy (MeV)

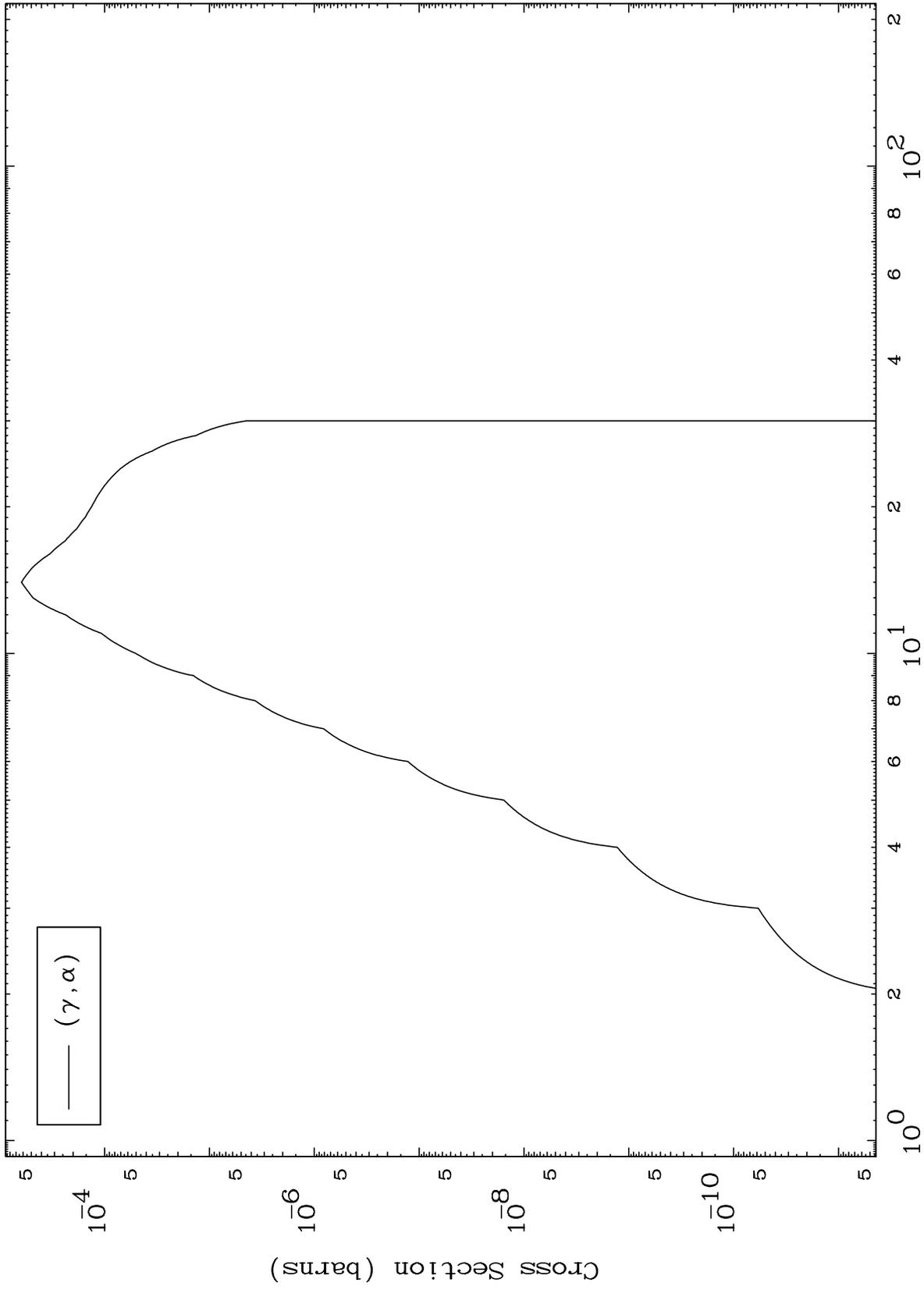
87-Fr-209



MAT 8716

(γ, α) Levels
0 Kelvin Cross Sections

87-Fr-209



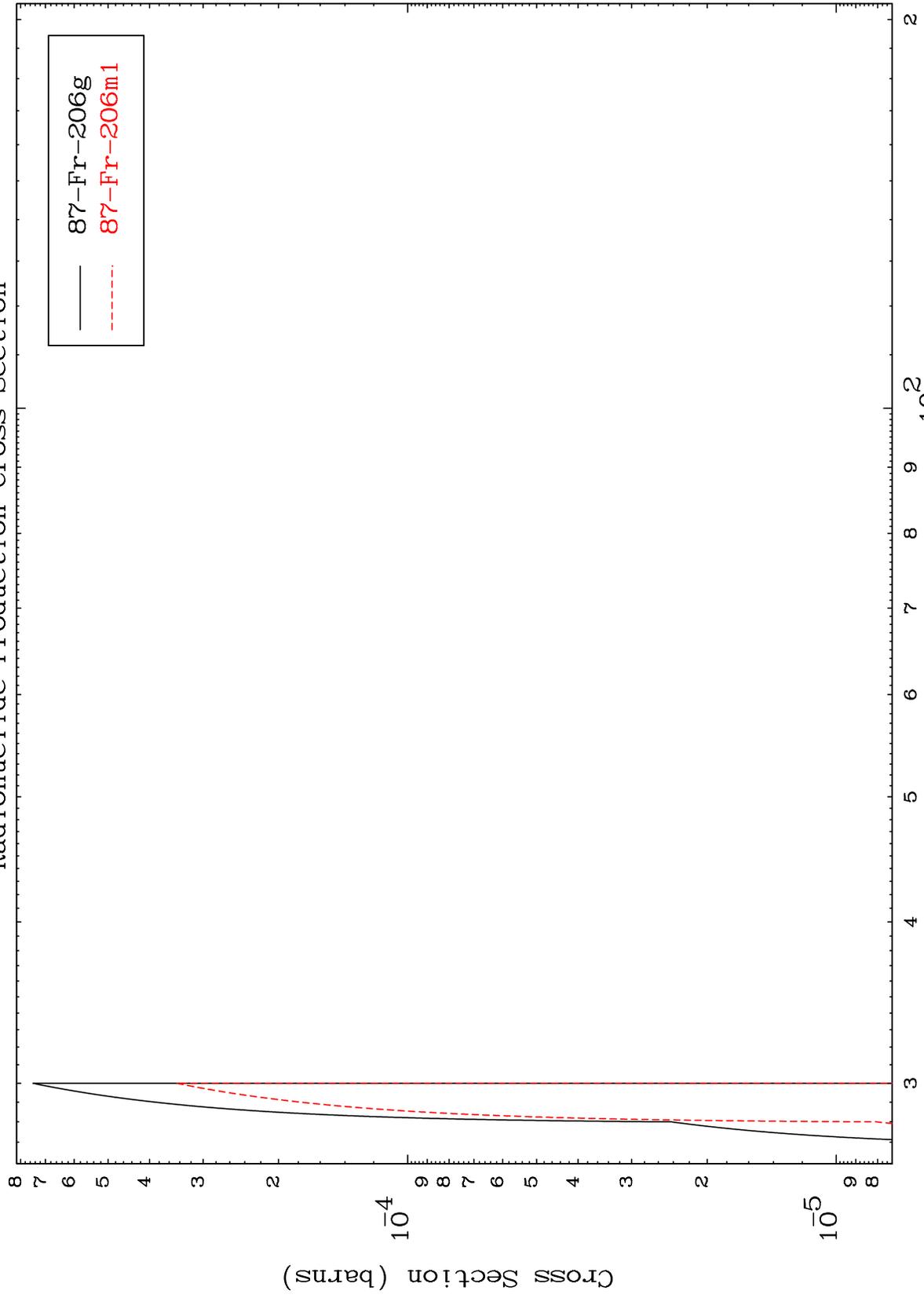
Incident Energy (MeV)

87-Fr-209

MAT 8716

87-Fr-209

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



11

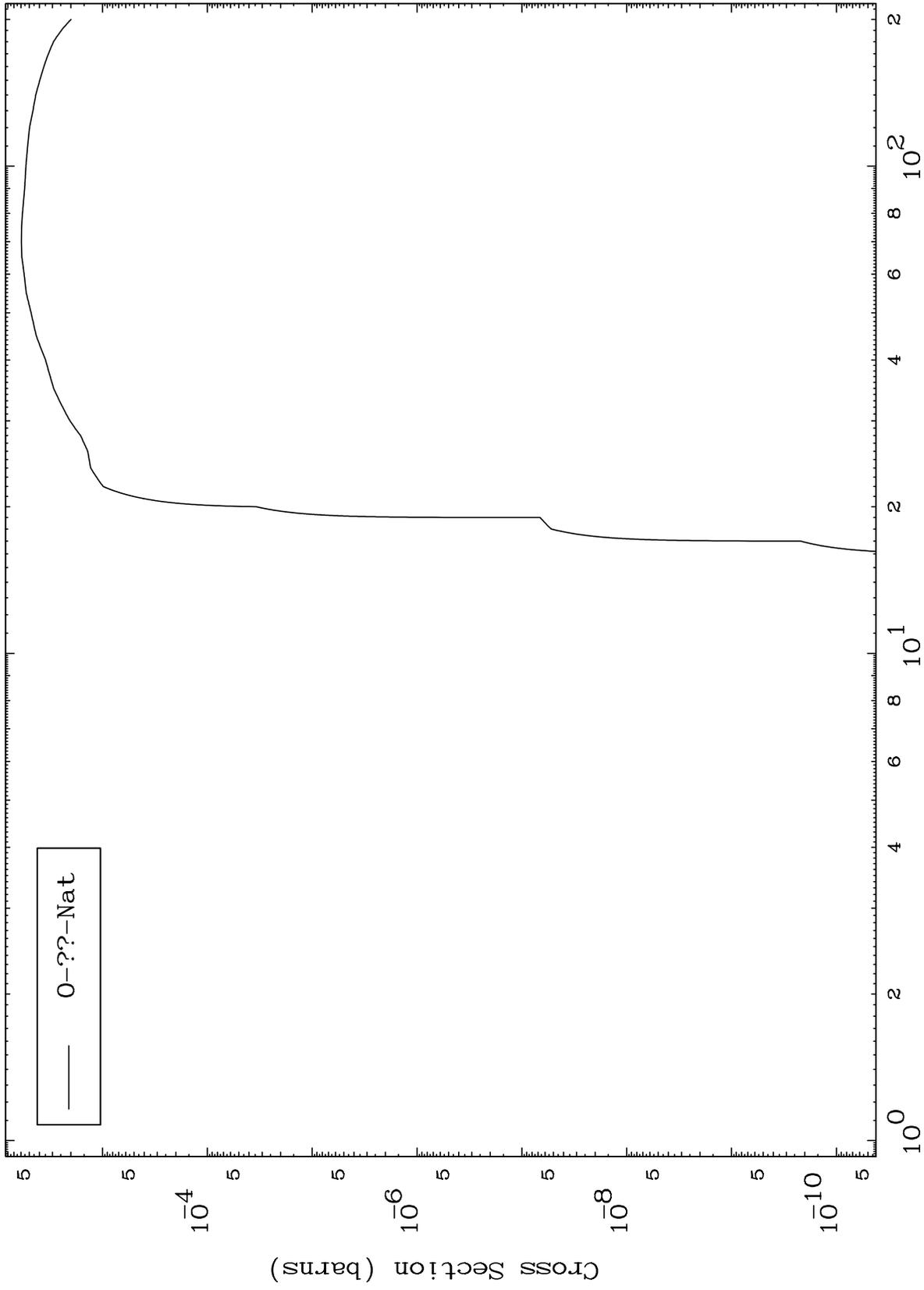
87-Fr-209

MAT 8716

Photon Fission

87-Fr-209

Radionuclide Production Cross Section



Incident Energy (MeV)

87-Fr-209

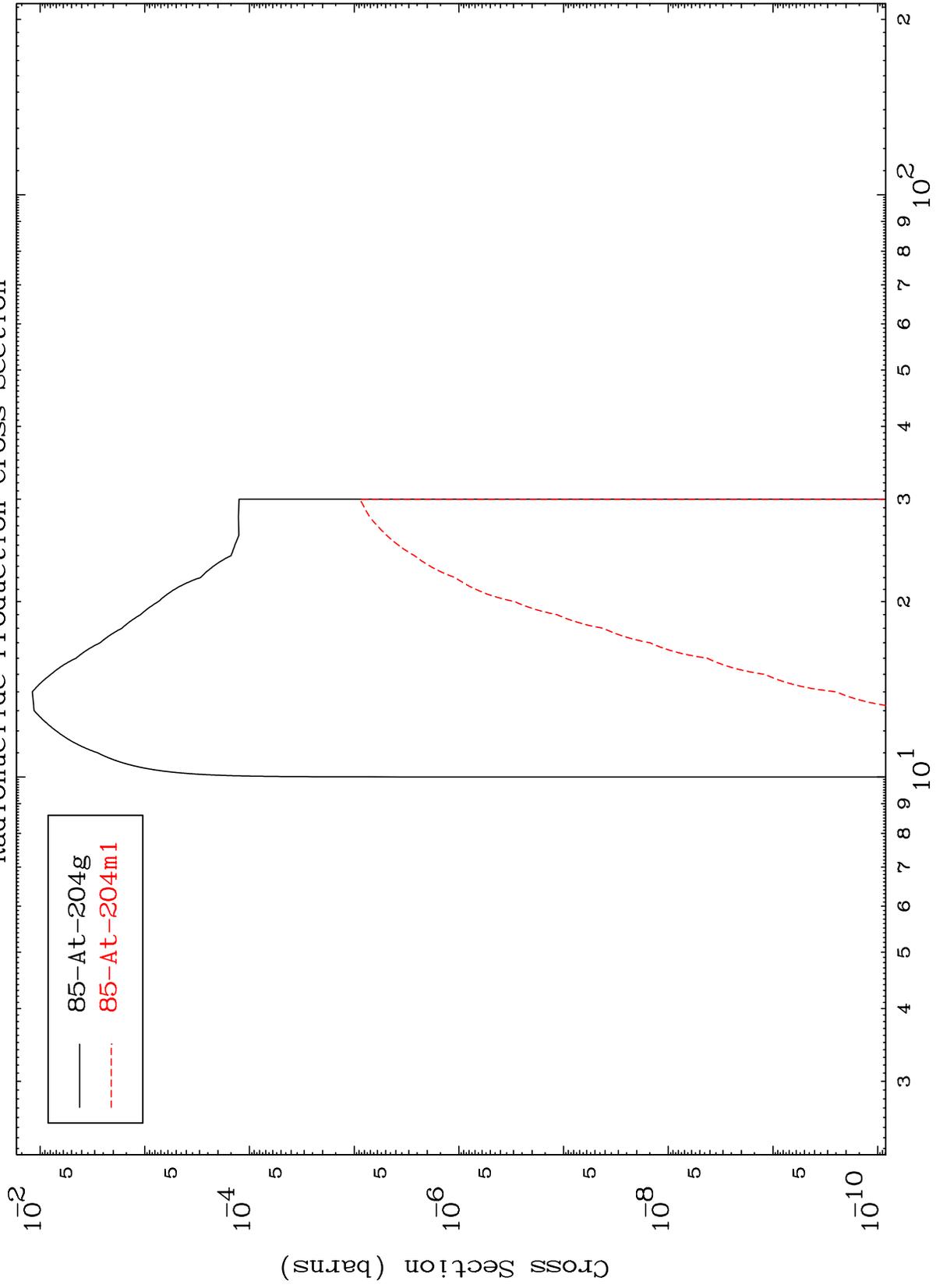
12

MAT 8716

(γ, n') α

87-Fr-209

Radionuclide Production Cross Section



13

Incident Energy (MeV)

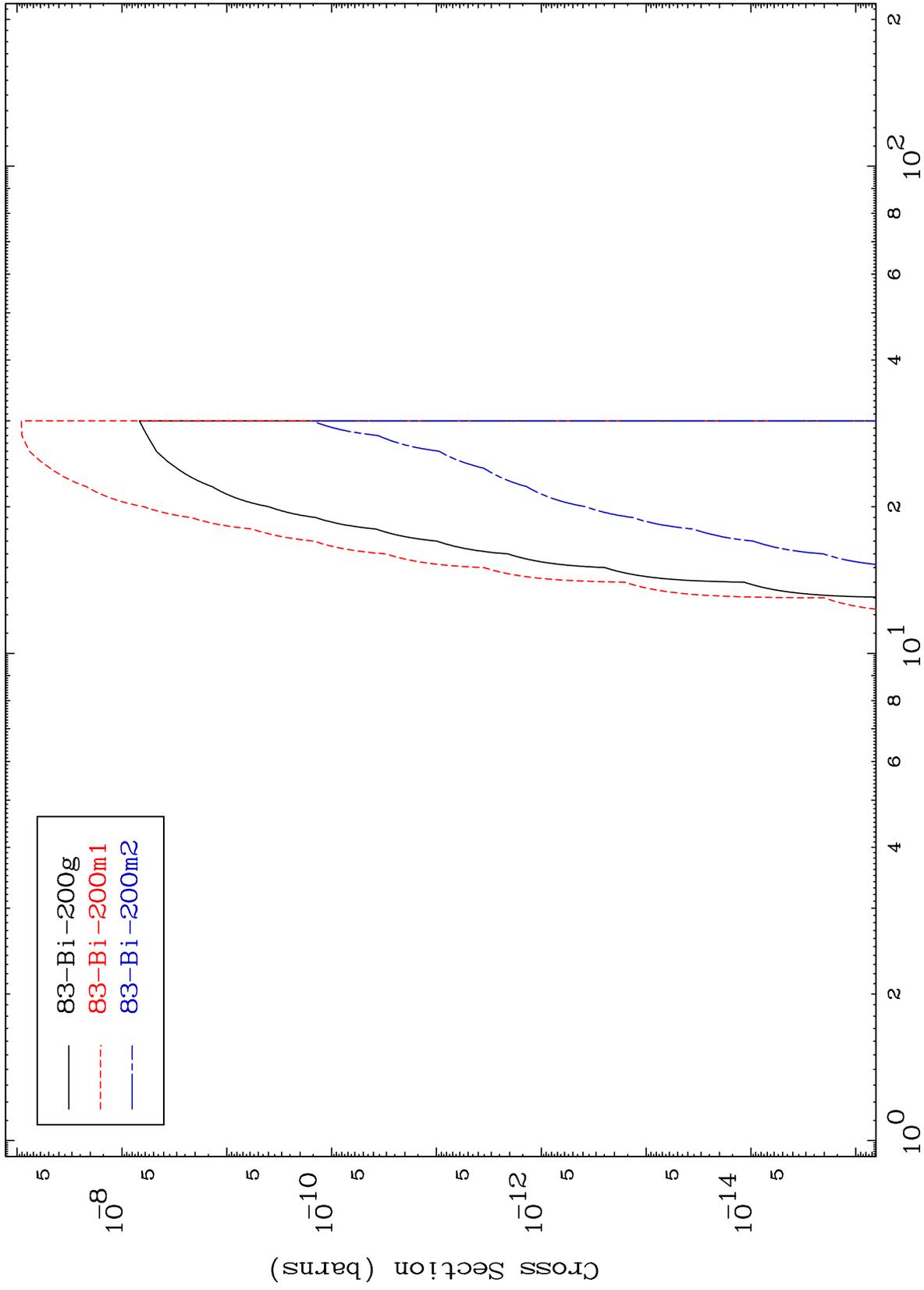
87-Fr-209

MAT 8716

(γ, n') 2α

87-Fr-209

Radionuclide Production Cross Section



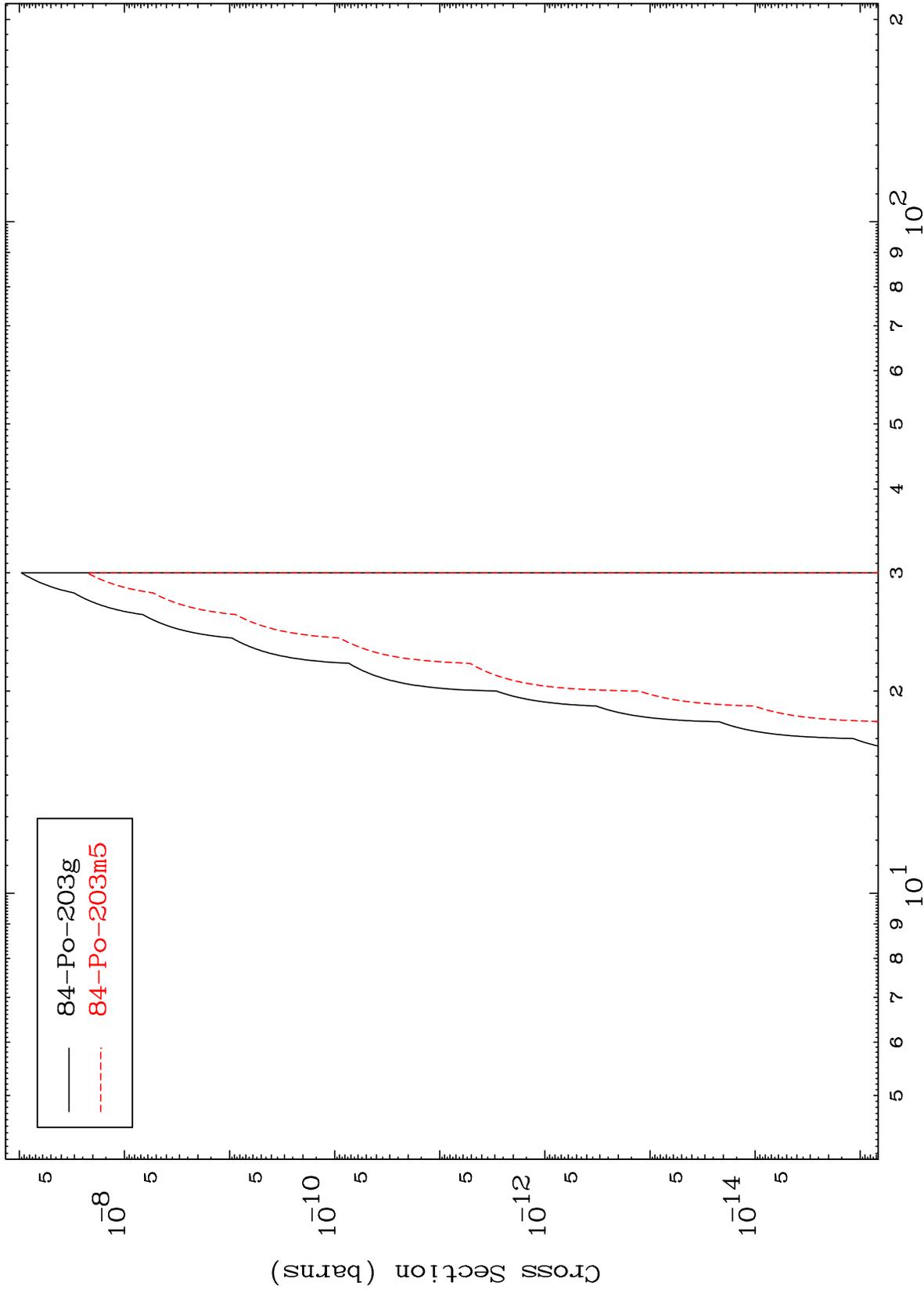
Incident Energy (MeV)

87-Fr-209

MAT 8716

87-Fr-209

(γ, n') p α
Radionuclide Production Cross Section



15

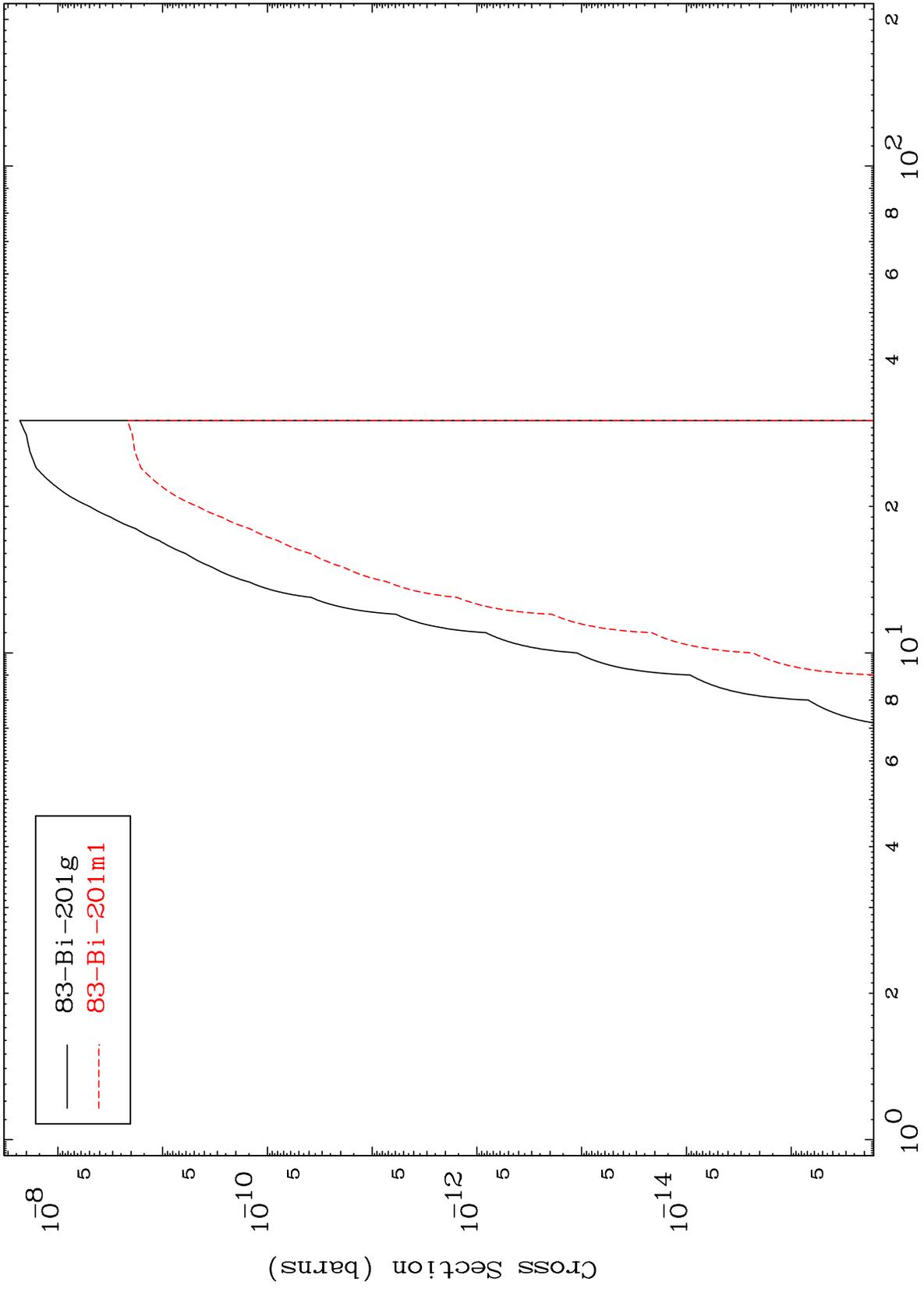
Incident Energy (MeV)

87-Fr-209

MAT 8716

87-Fr-209

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



87-Fr-209

Incident Energy (MeV)

16