

Program EVALPLOT
(Version 2017-1)

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

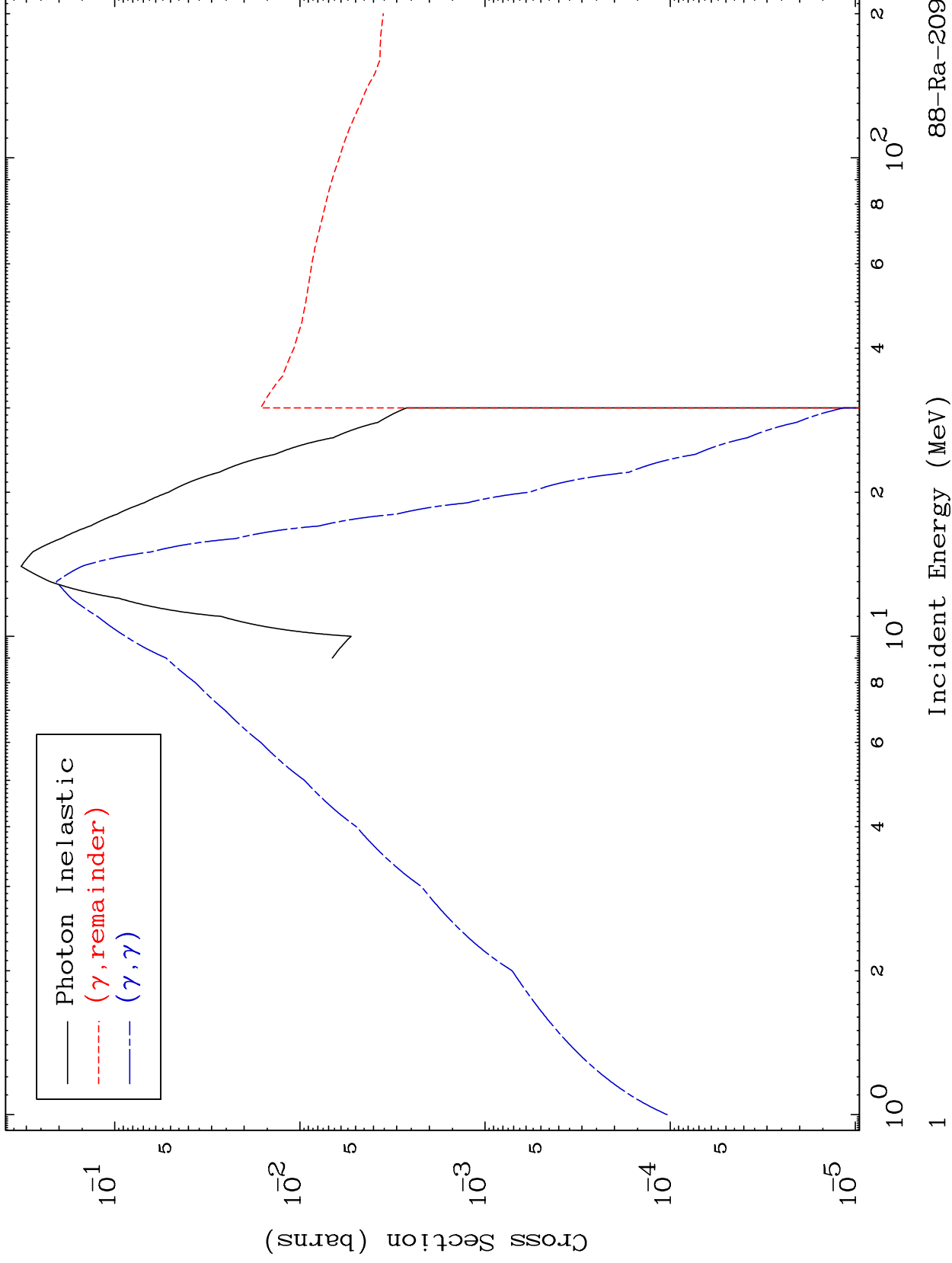
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8783

Photon Major
0 Kelvin Cross Sections

88-Ra-209



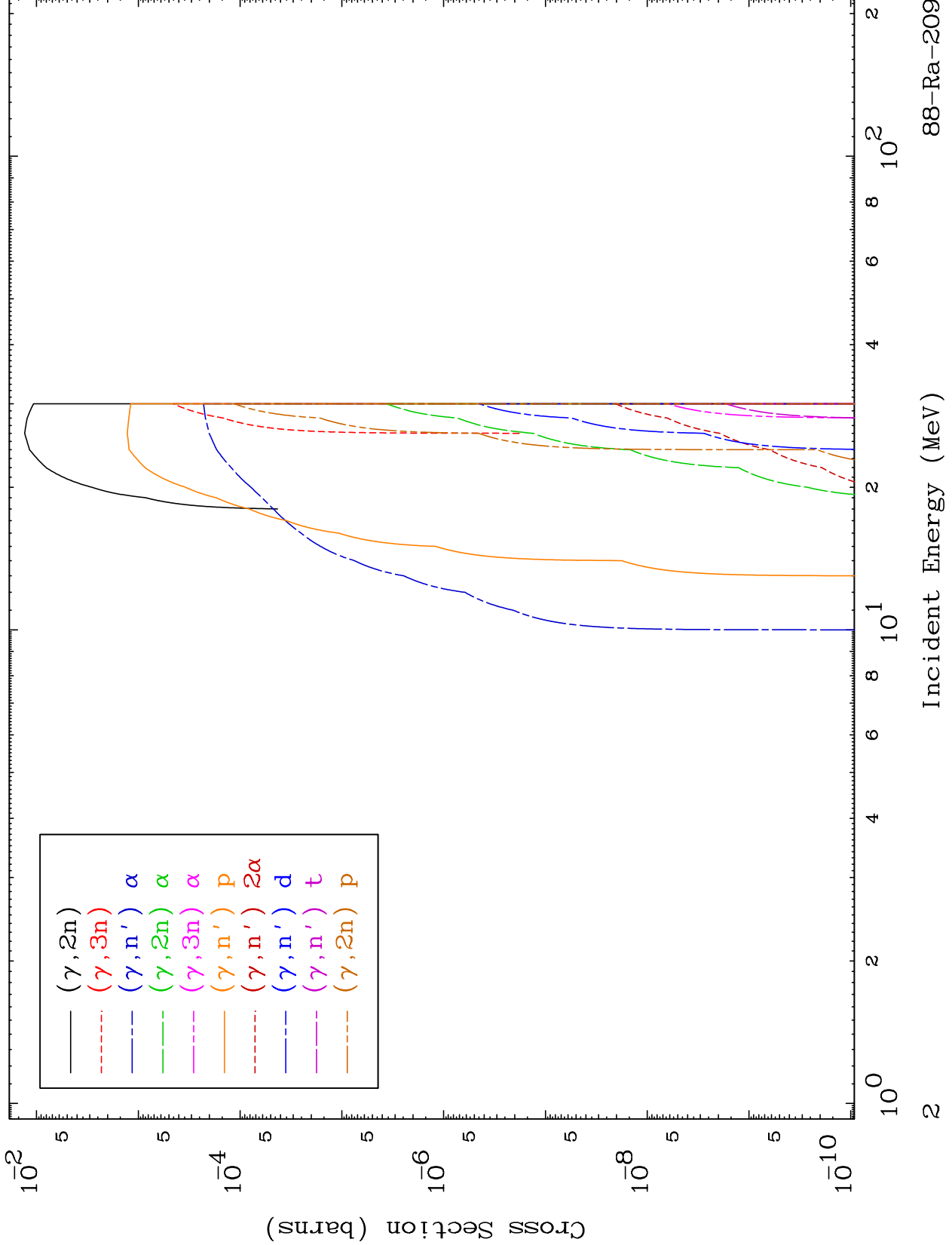
88-Ra-209

Incident Energy (MeV)

MAT 8783

Photon Neutron Production
0 Kelvin Cross Sections

88-Ra-209

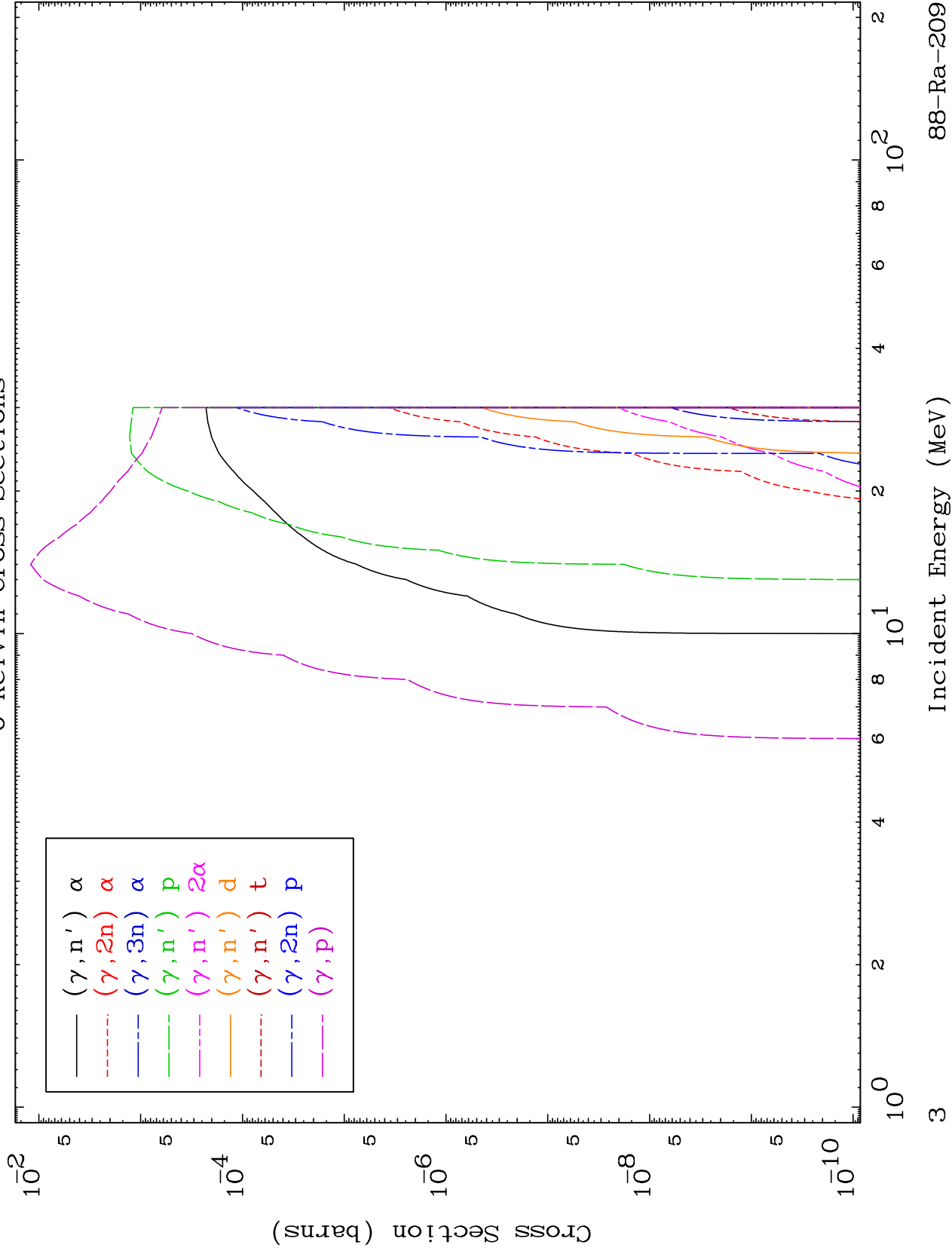


88-Ra-209

MAT 8783

Photon Charged Particle
0 Kelvin Cross Sections

88-Ra-209



88-Ra-209

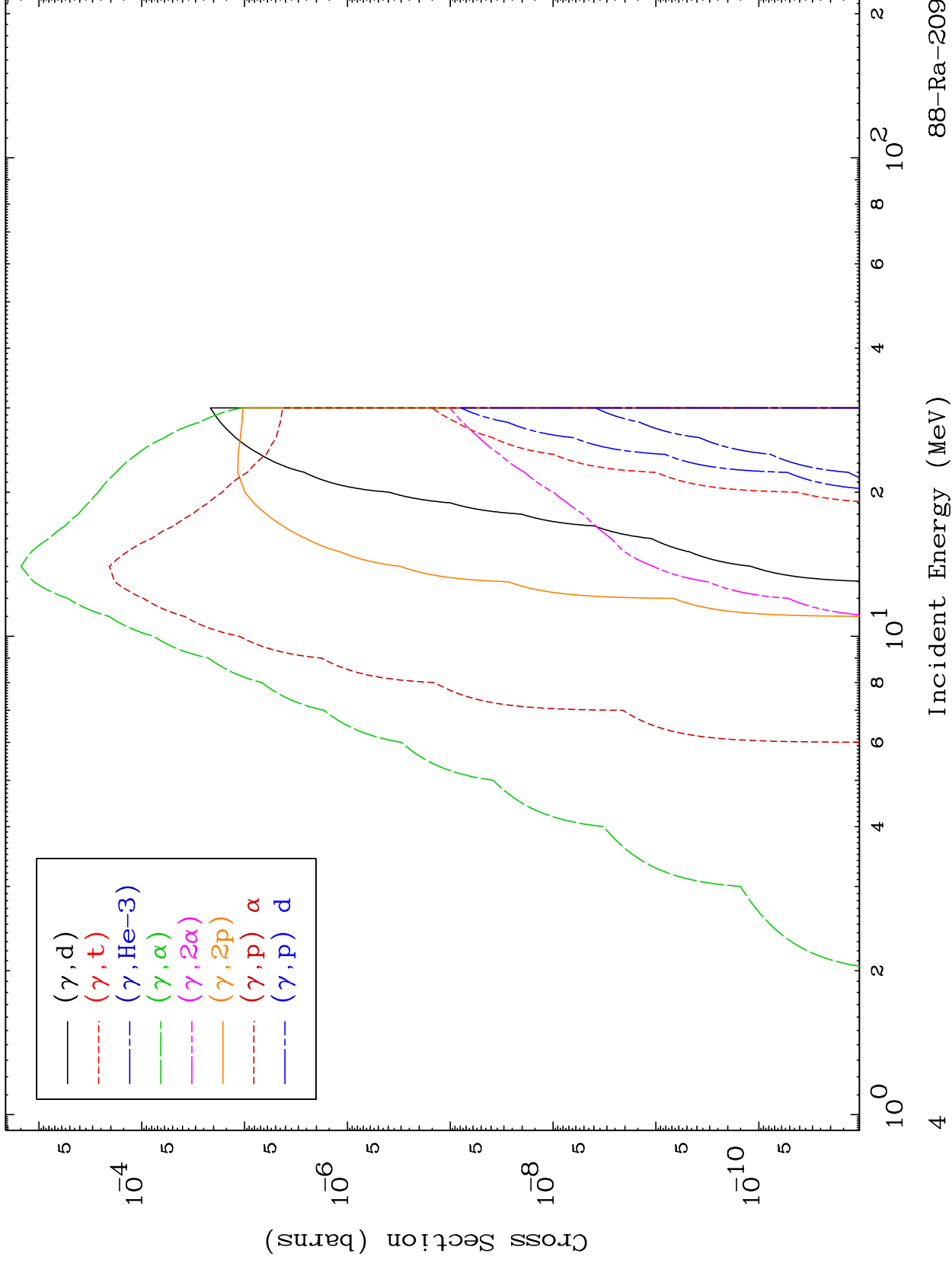
Incident Energy (MeV)

3

MAT 8783

Photon Charged Particle
0 Kelvin Cross Sections

88-Ra-209

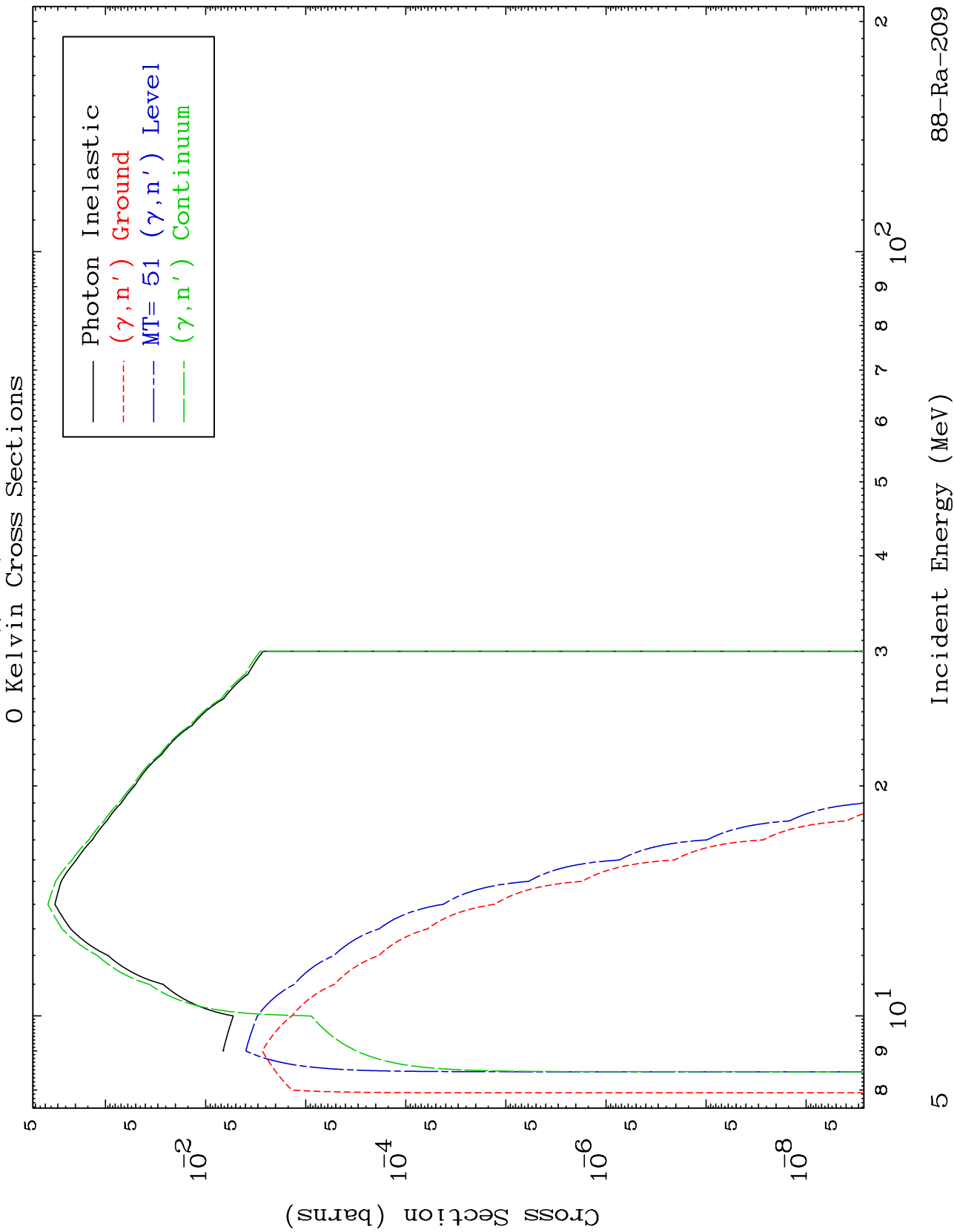


88-Ra-209

MAT 8783

(γ, n') Level

88-Ra-209



88-Ra-209

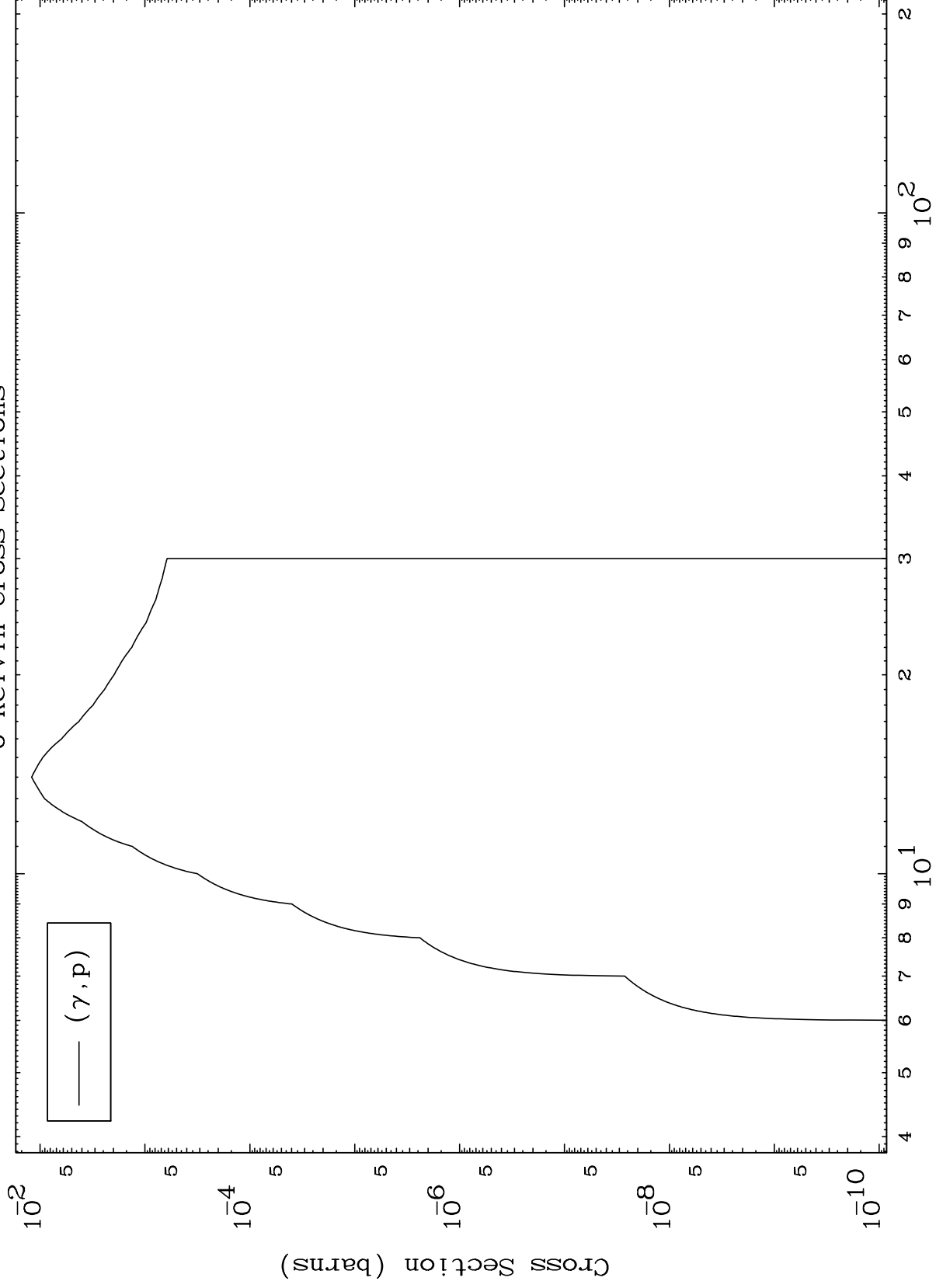
Incident Energy (MeV)

5

MAT 8783

(γ, p) Levels
0 Kelvin Cross Sections

88-Ra-209



6

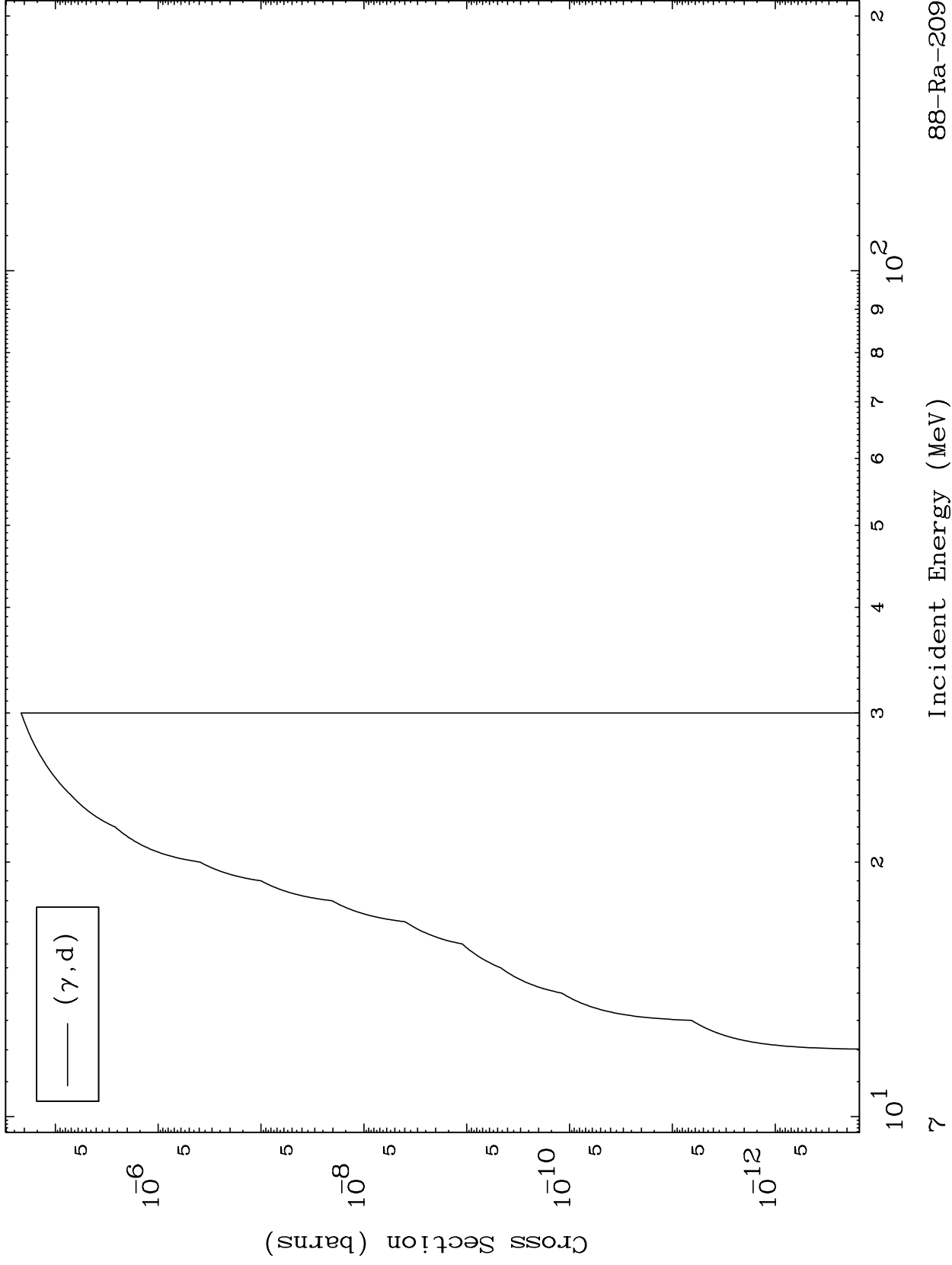
Incident Energy (MeV)

88-Ra-209

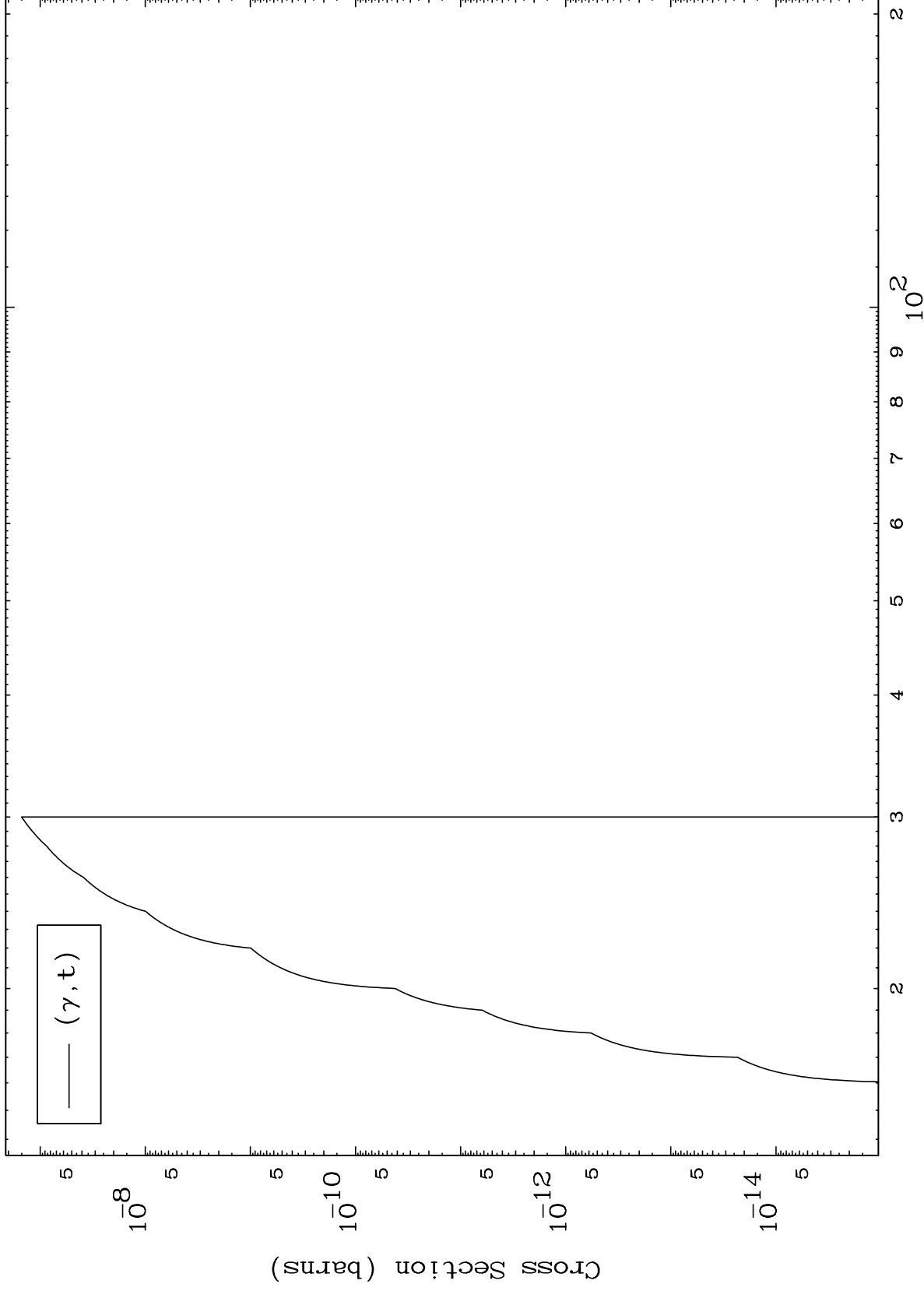
MAT 8783

(γ, d) Levels
0 Kelvin Cross Sections

88-Ra-209



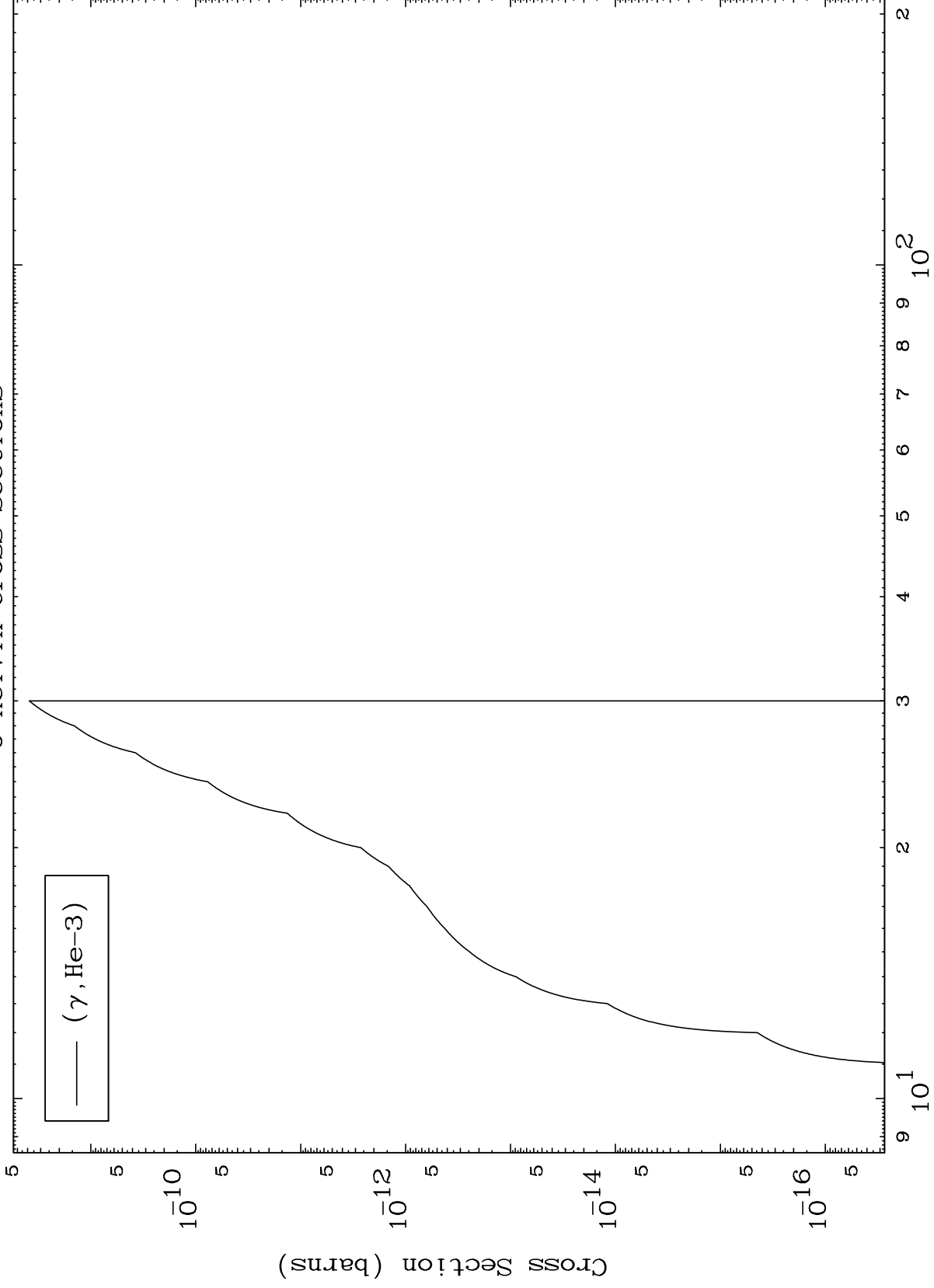
88-Ra-209



MAT 8783

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

88-Ra-209



9

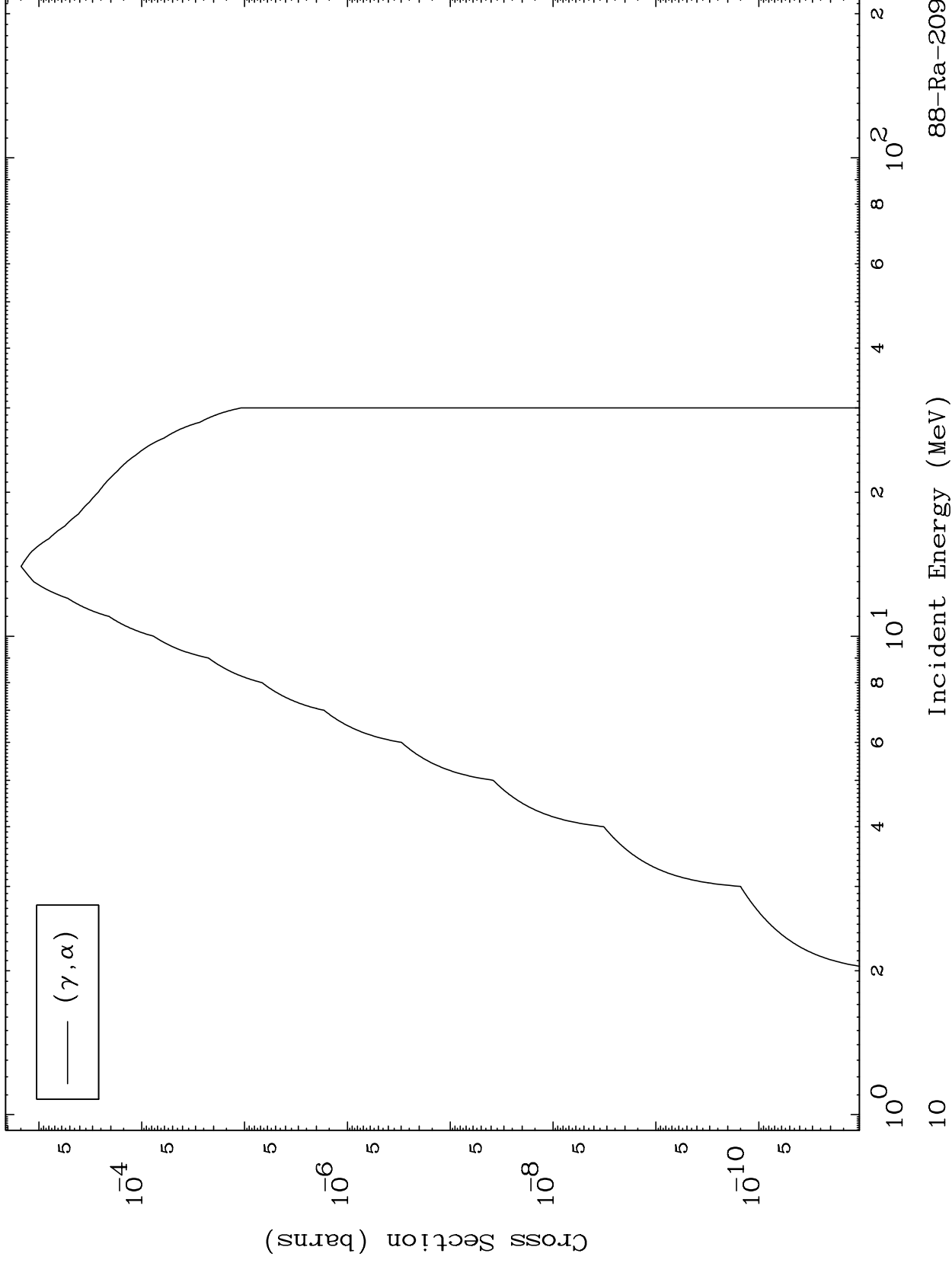
Incident Energy (MeV)

88-Ra-209

MAT 8783

(γ, α) Levels
0 Kelvin Cross Sections

88-Ra-209

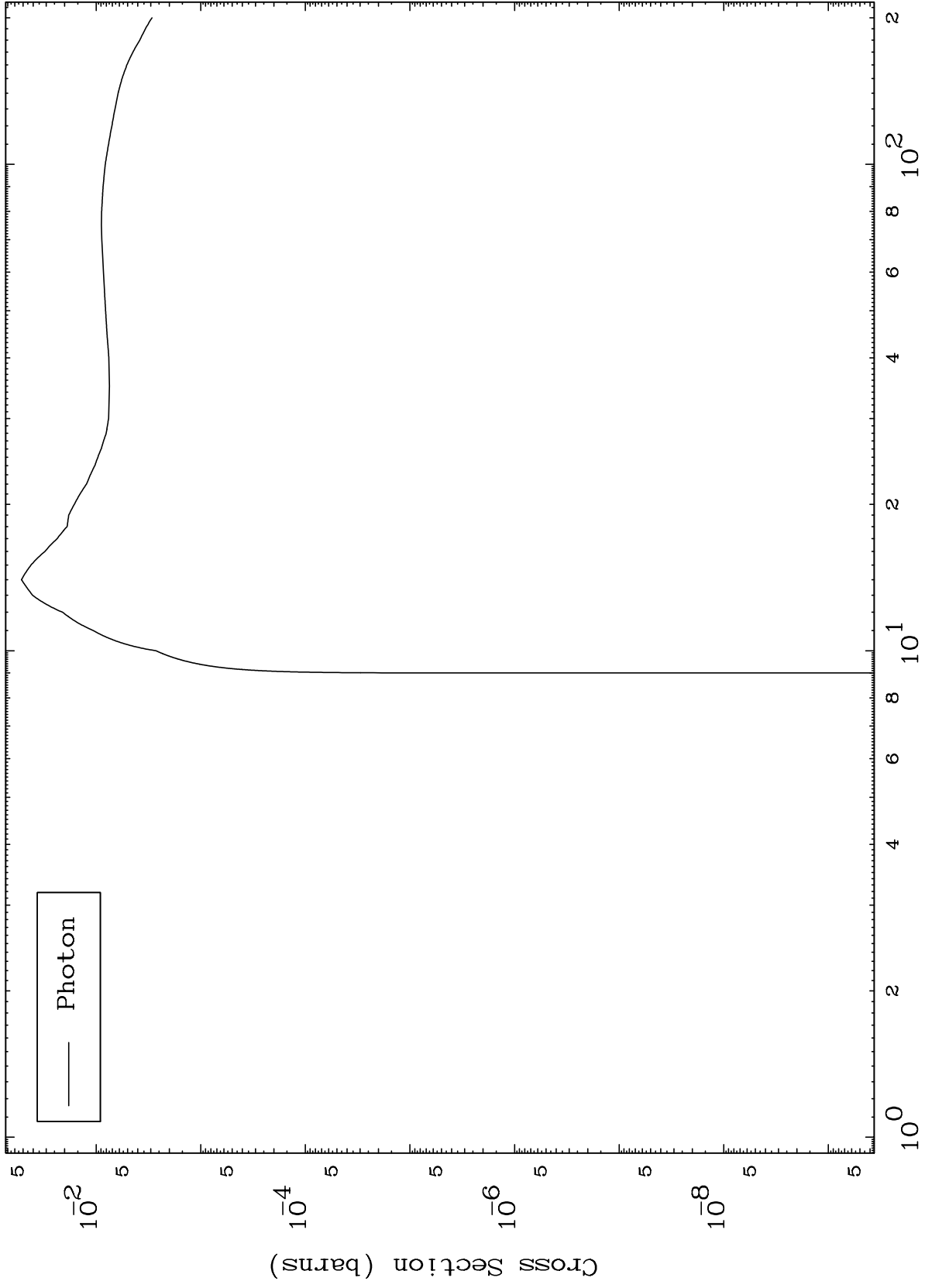


88-Ra-209

MAT 8783

88-Ra-209

Photon Fission
Radionuclide Production Cross Section



88-Ra-209

Incident Energy (MeV)

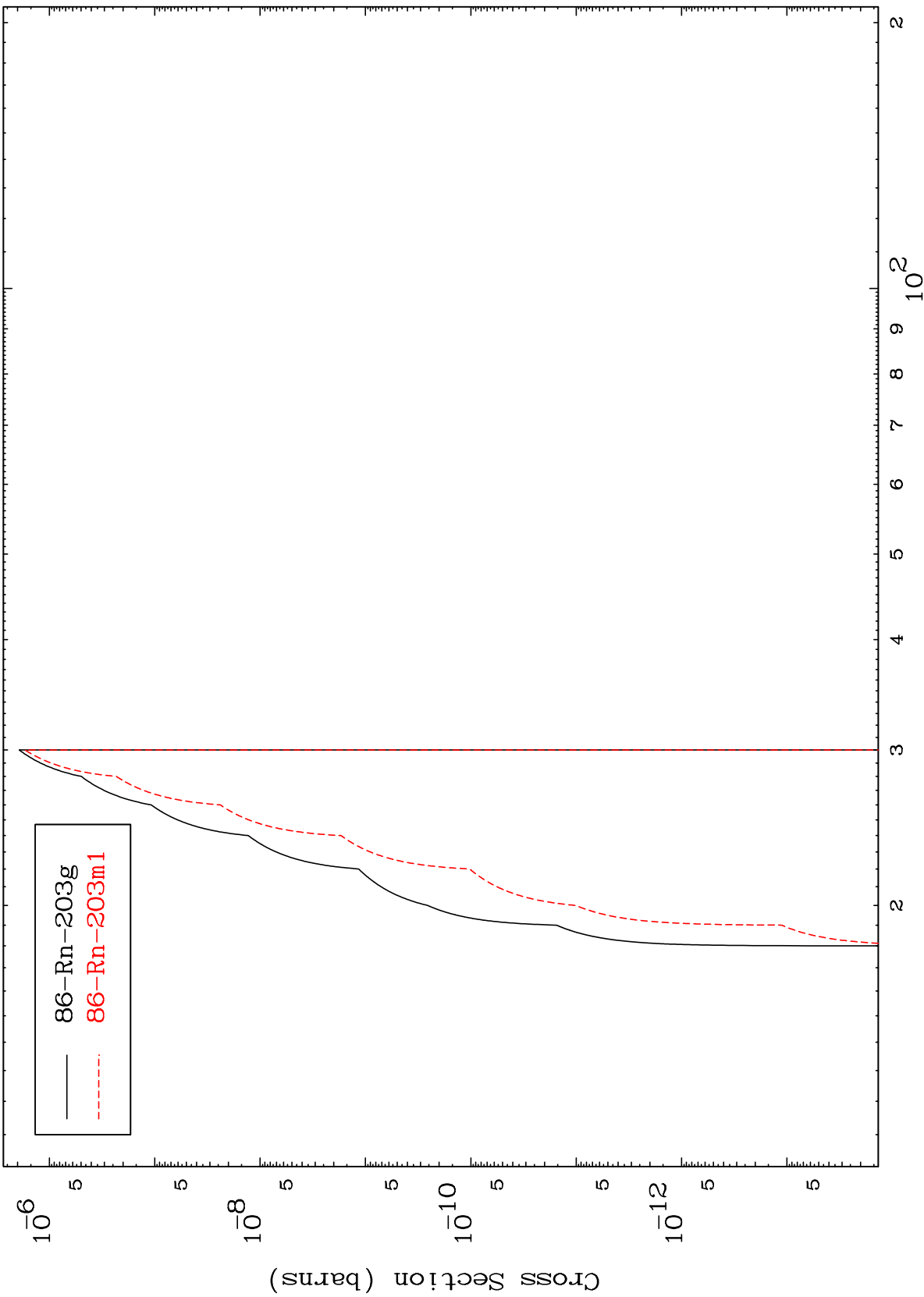
11

MAT 8783

($\gamma, 2n$) α

88-Ra-209

Radionuclide Production Cross Section



12

Incident Energy (MeV)

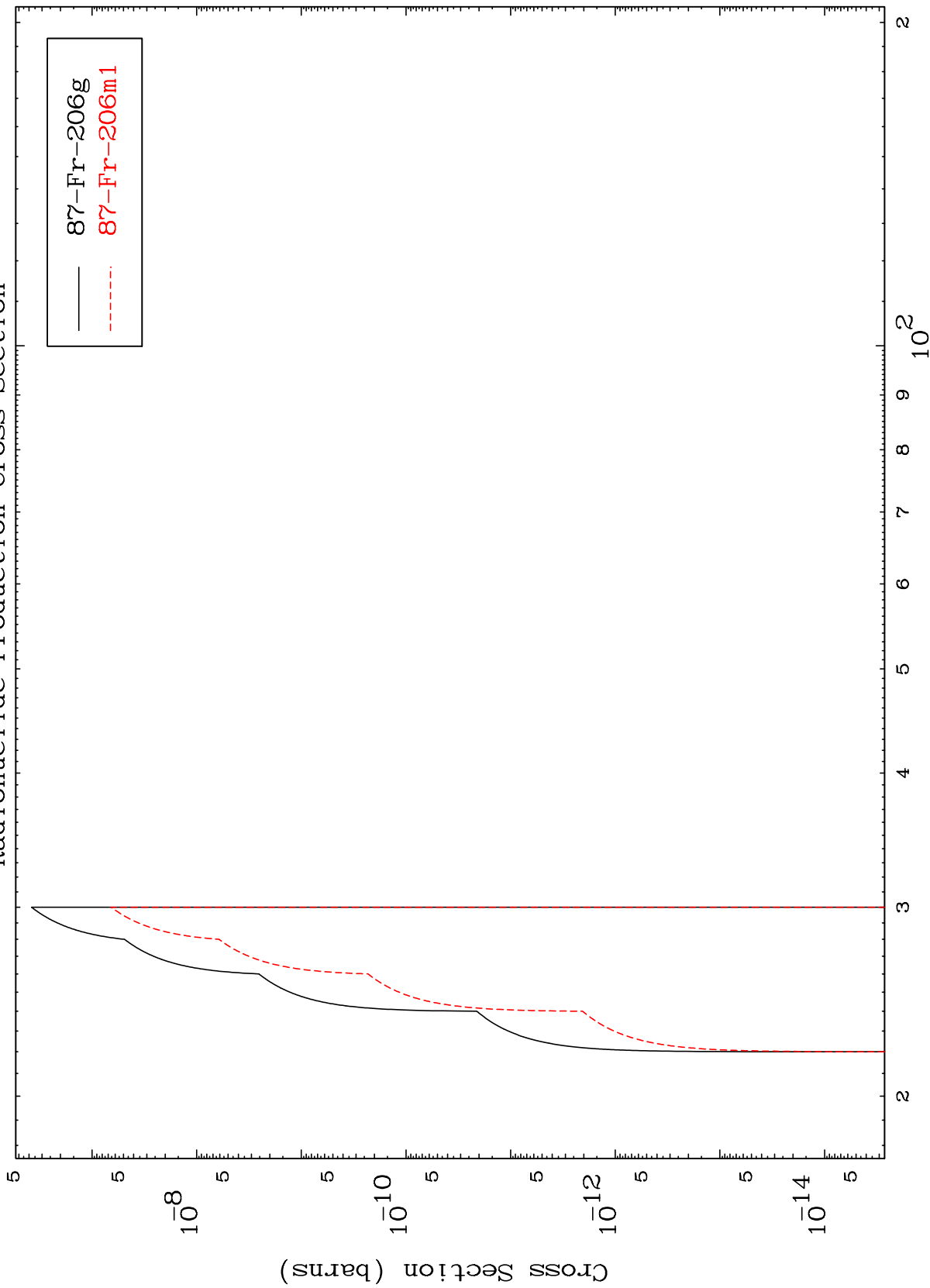
88-Ra-209

MAT 8783

(γ, n') d

88-Ra-209

Radionuclide Production Cross Section



13

Incident Energy (MeV)

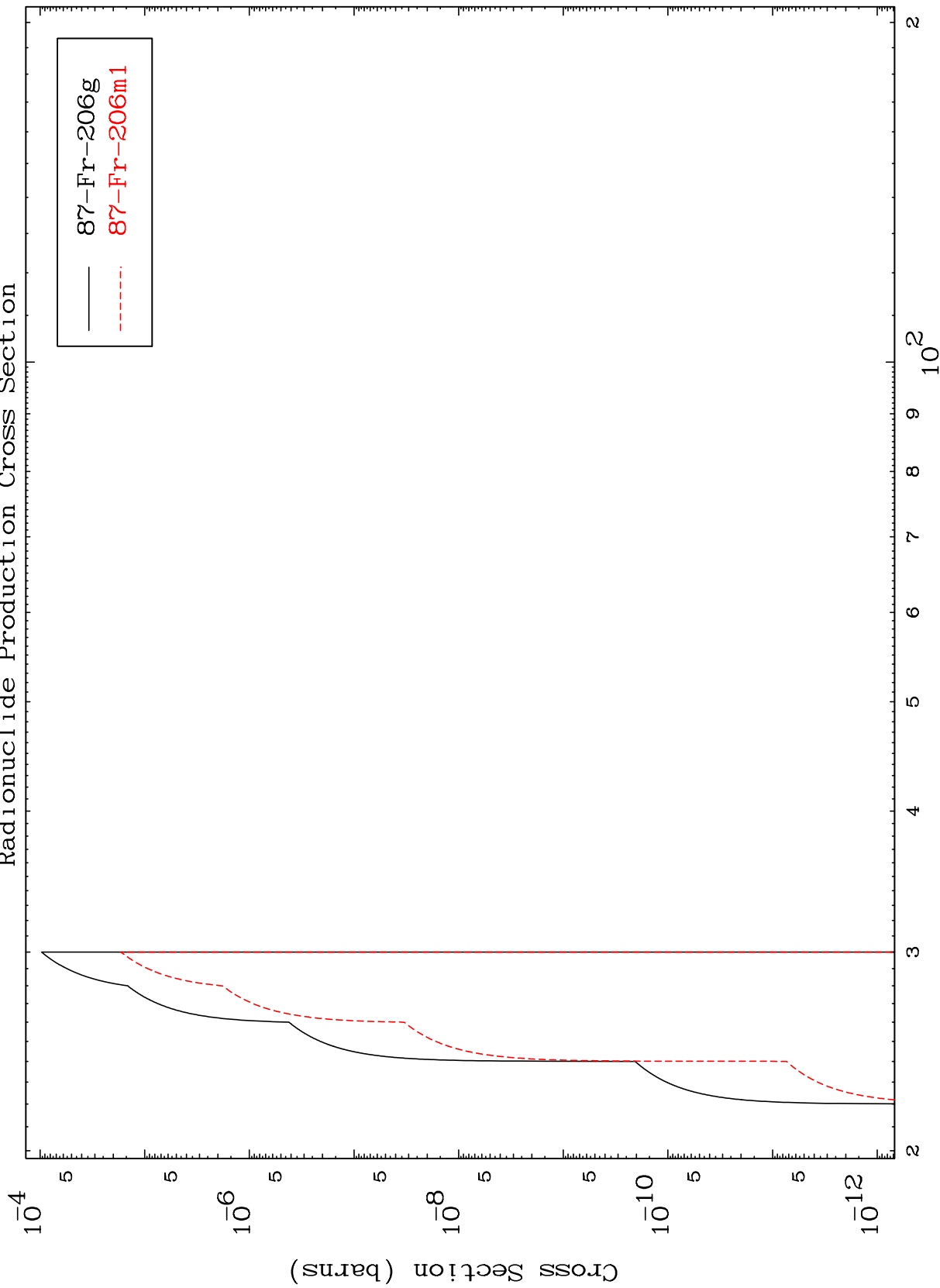
88-Ra-209

MAT 8783

$(\gamma, 2n)$ p

88-Ra-209

Radionuclide Production Cross Section



14

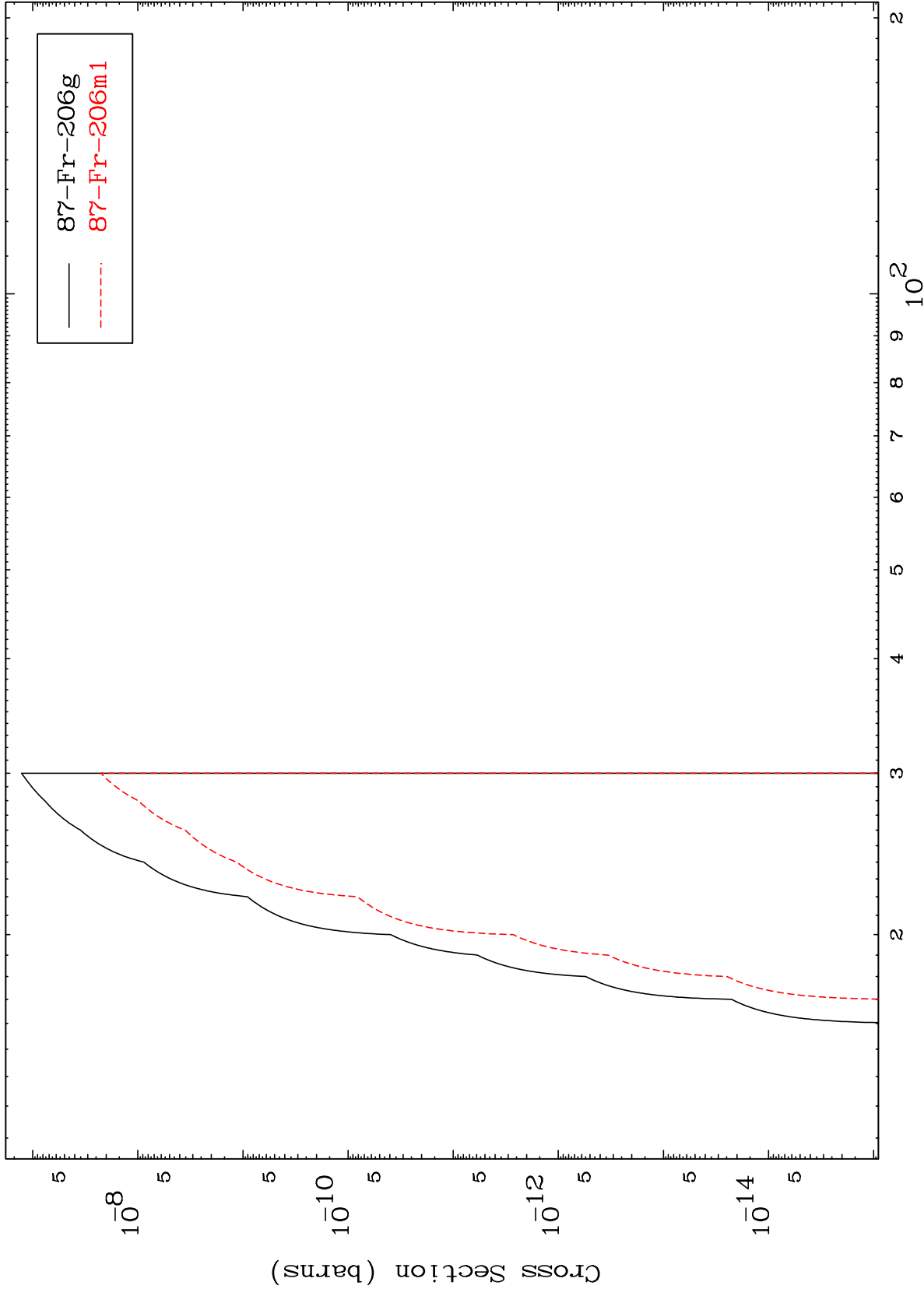
Incident Energy (MeV)

88-Ra-209

MAT 8783

88-Ra-209

(γ, t)
Radionuclide Production Cross Section



15

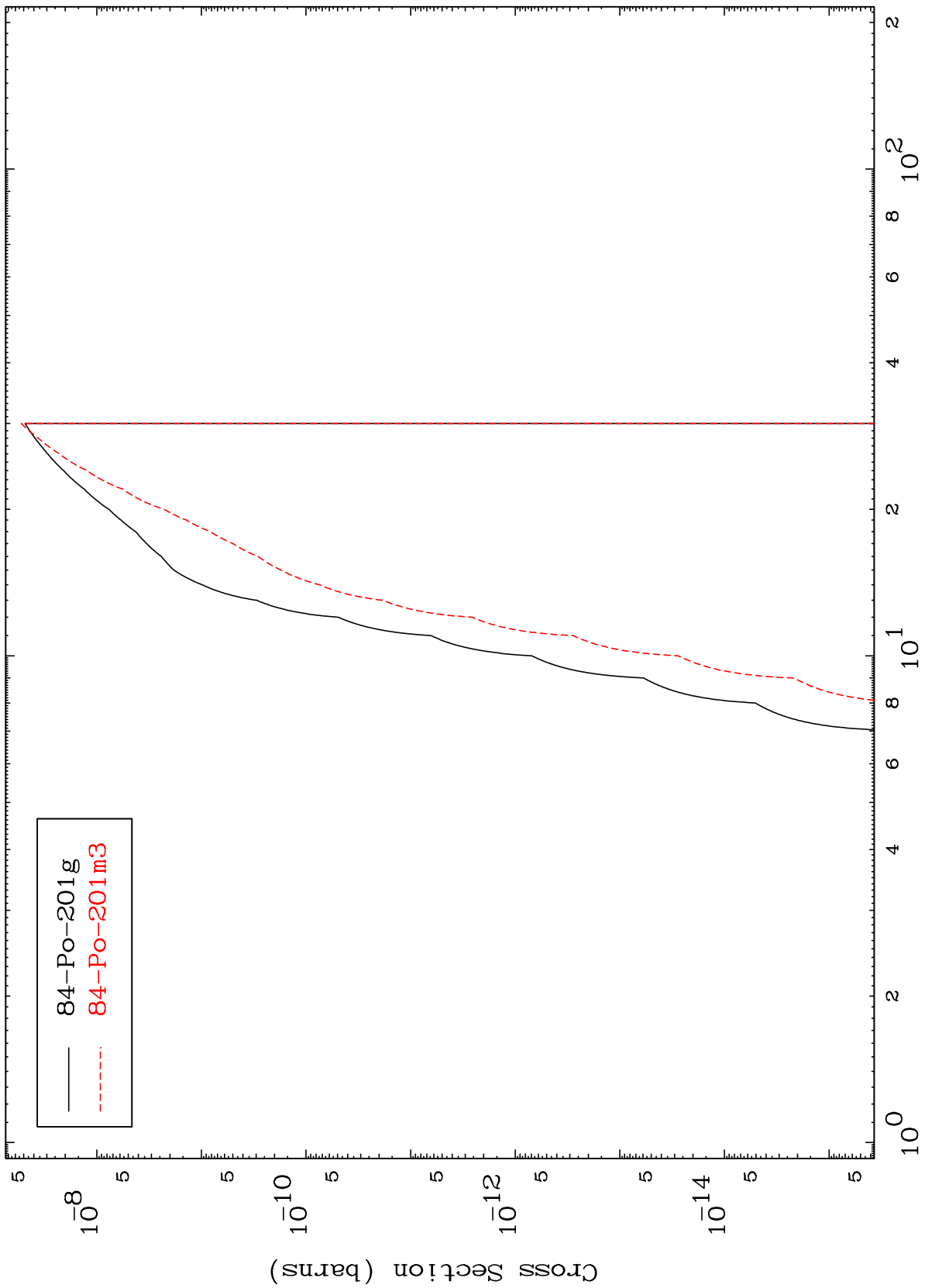
Incident Energy (MeV)

88-Ra-209

MAT 8783

88-Ra-209

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



16

Incident Energy (MeV)

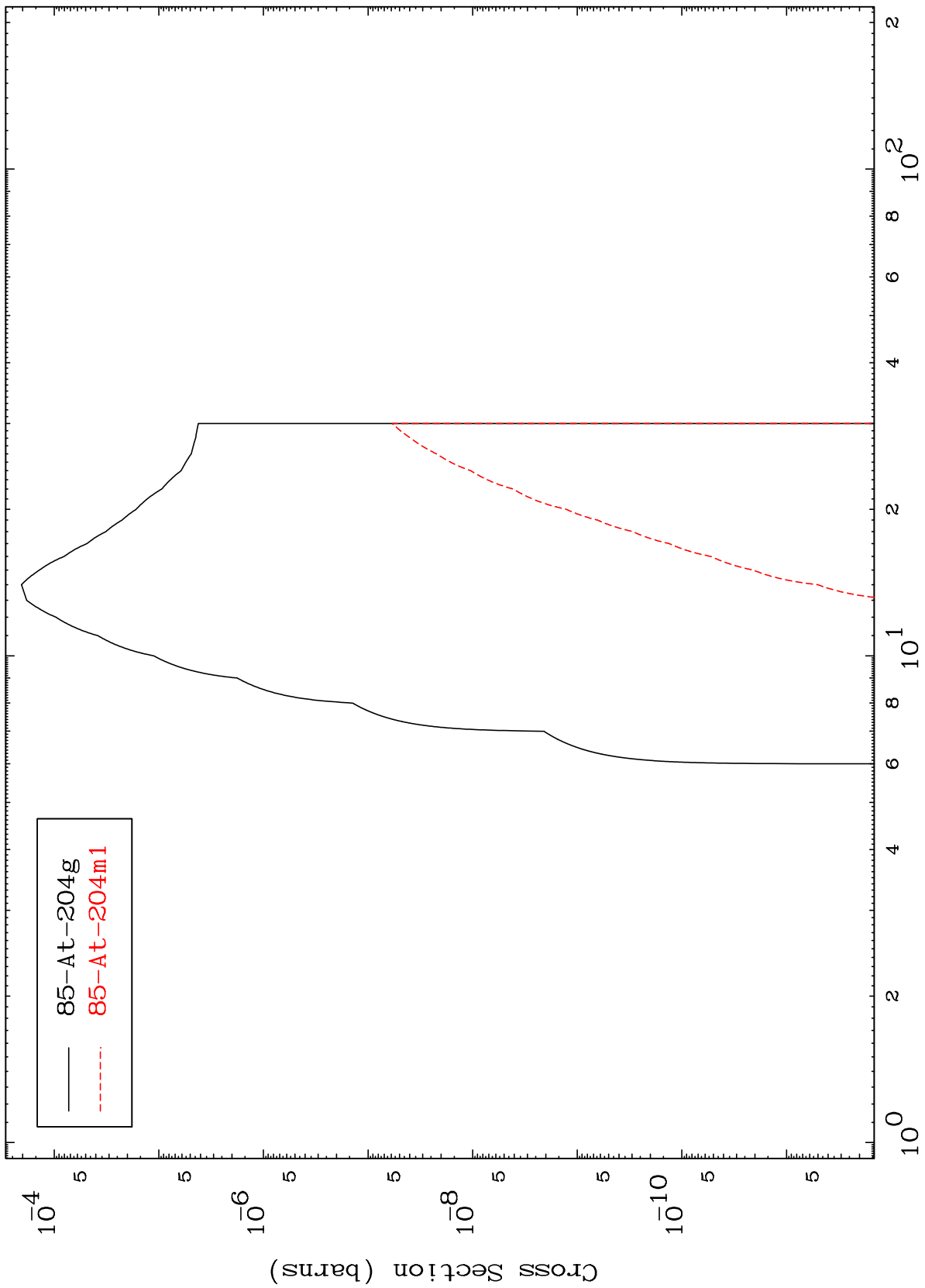
88-Ra-209

MAT 8783

(γ, p) α

88-Ra-209

Radionuclide Production Cross Section



85-At-204g
85-At-204m1

Incident Energy (MeV)

88-Ra-209

17