

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

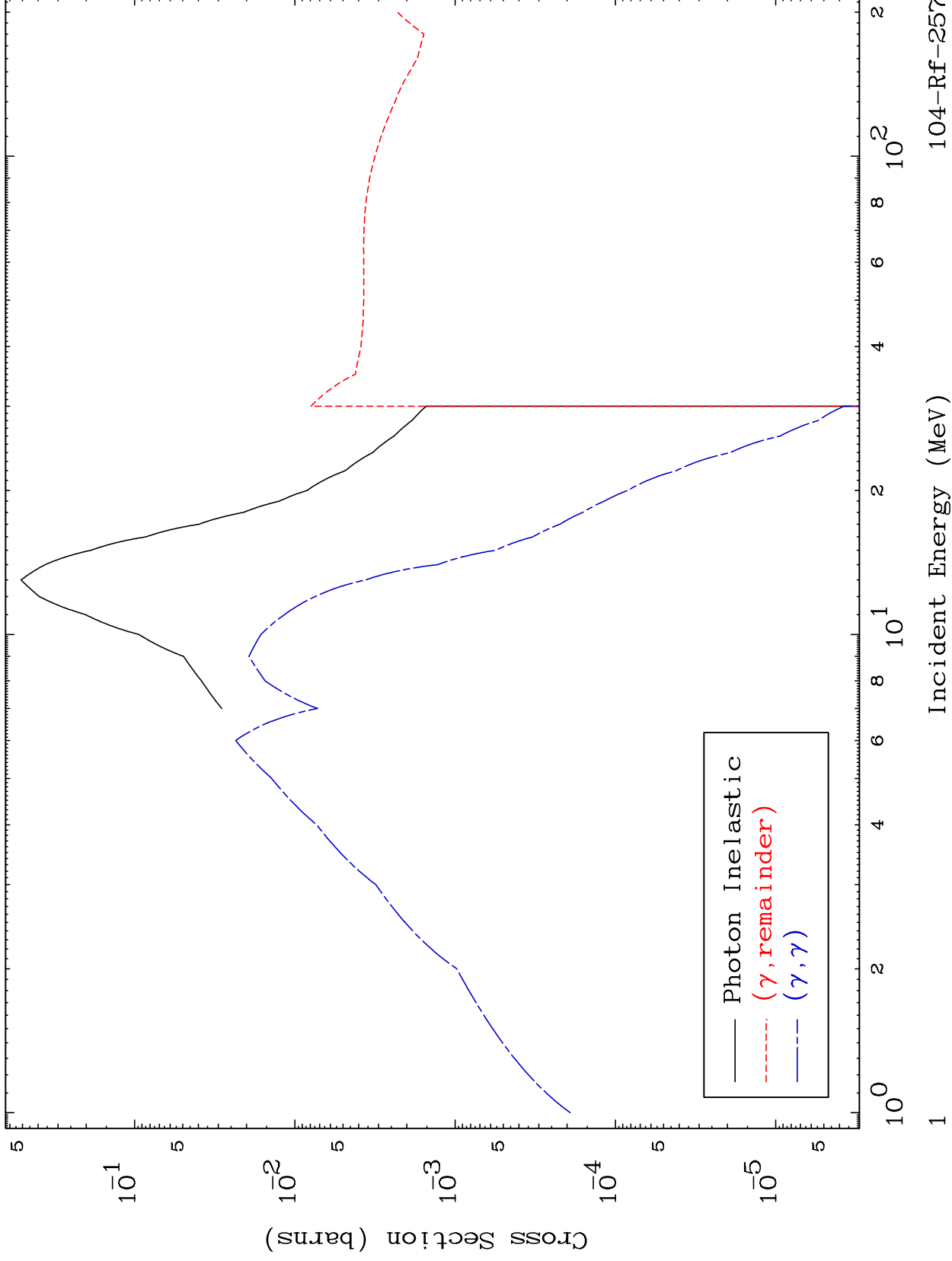
Press Mouse Button to Start

MAT 457

Photon Major

104-Rf-257

0 Kelvin Cross Sections



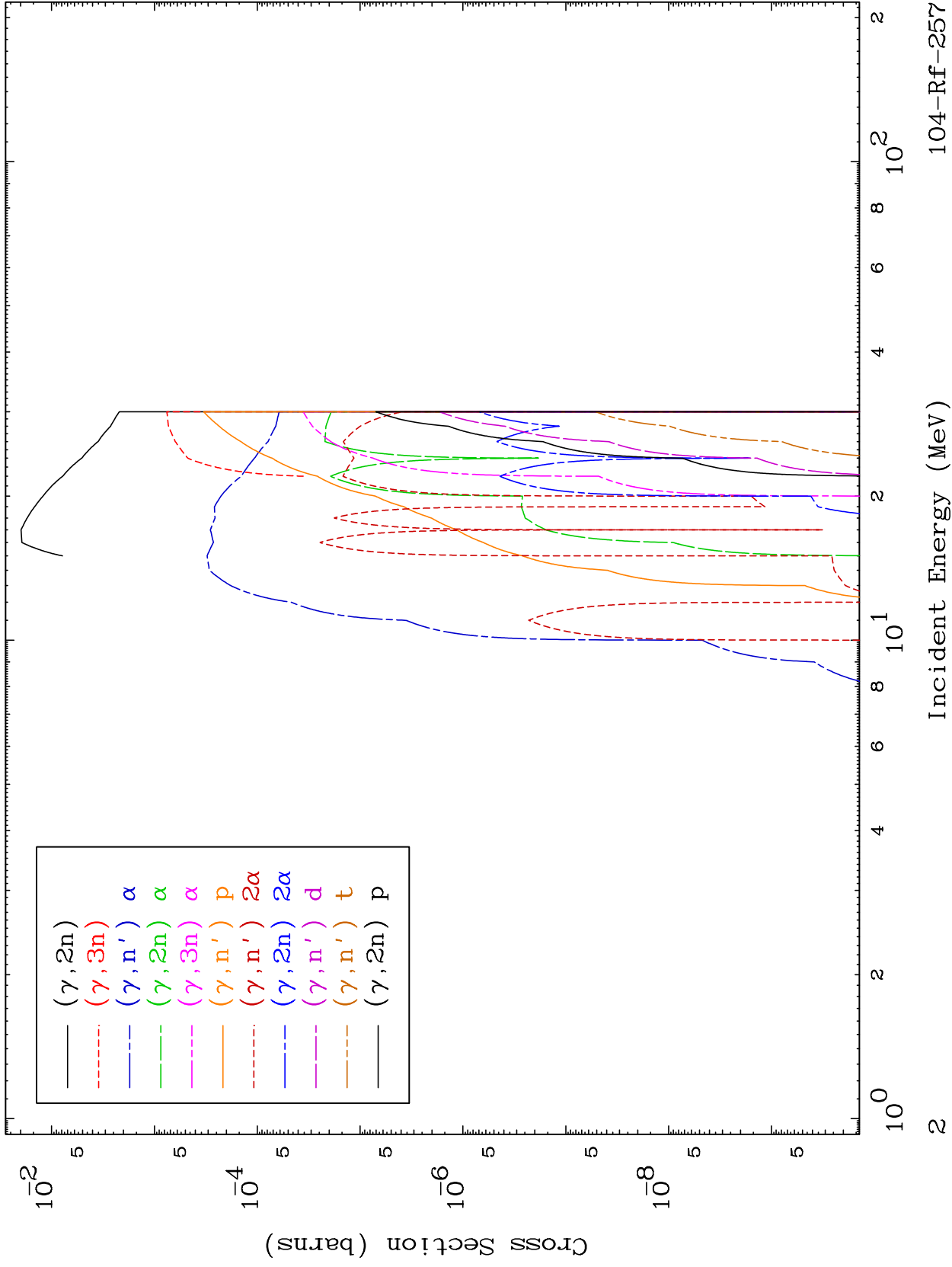
104-Rf-257

Incident Energy (MeV)

MAT 457

Photon Neutron Production
0 Kelvin Cross Sections

104-Rf-257



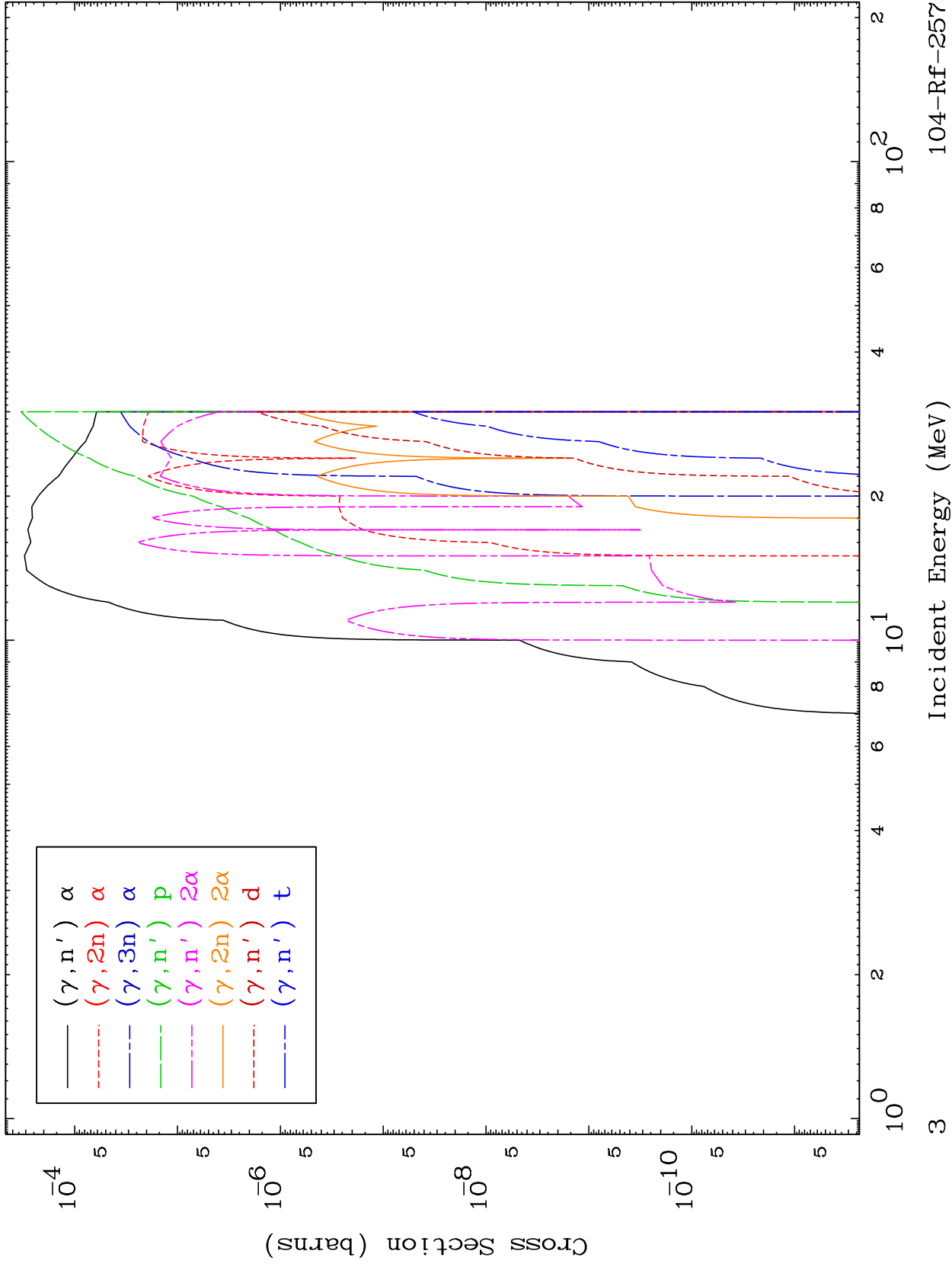
Incident Energy (MeV)

104-Rf-257

MAT 457

Photon Charged Particle
0 Kelvin Cross Sections

104-Rf-257



Incident Energy (MeV)

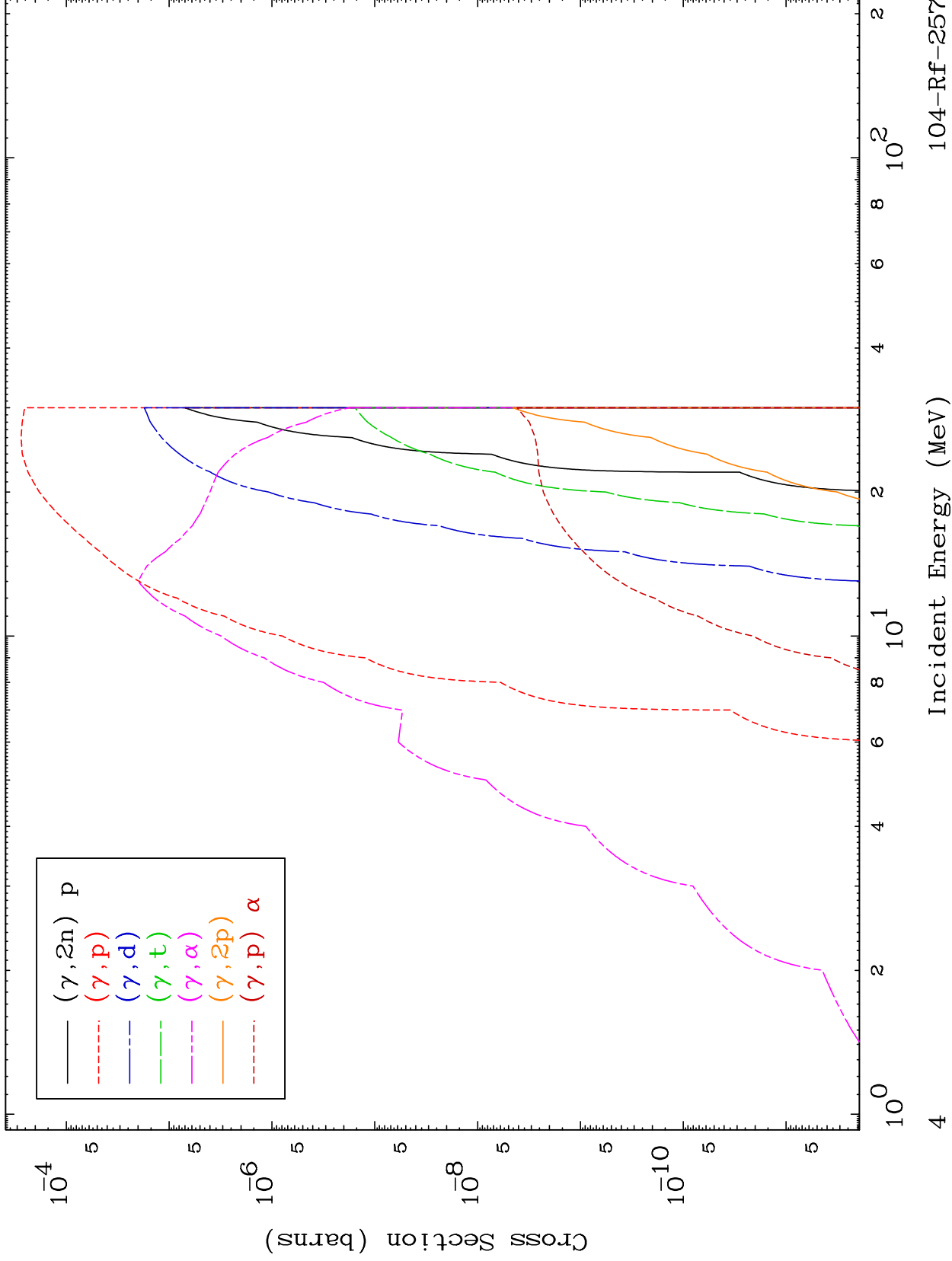
104-Rf-257

3

MAT 457

Photon Charged Particle
0 Kelvin Cross Sections

104-Rf-257



104-Rf-257

Incident Energy (MeV)

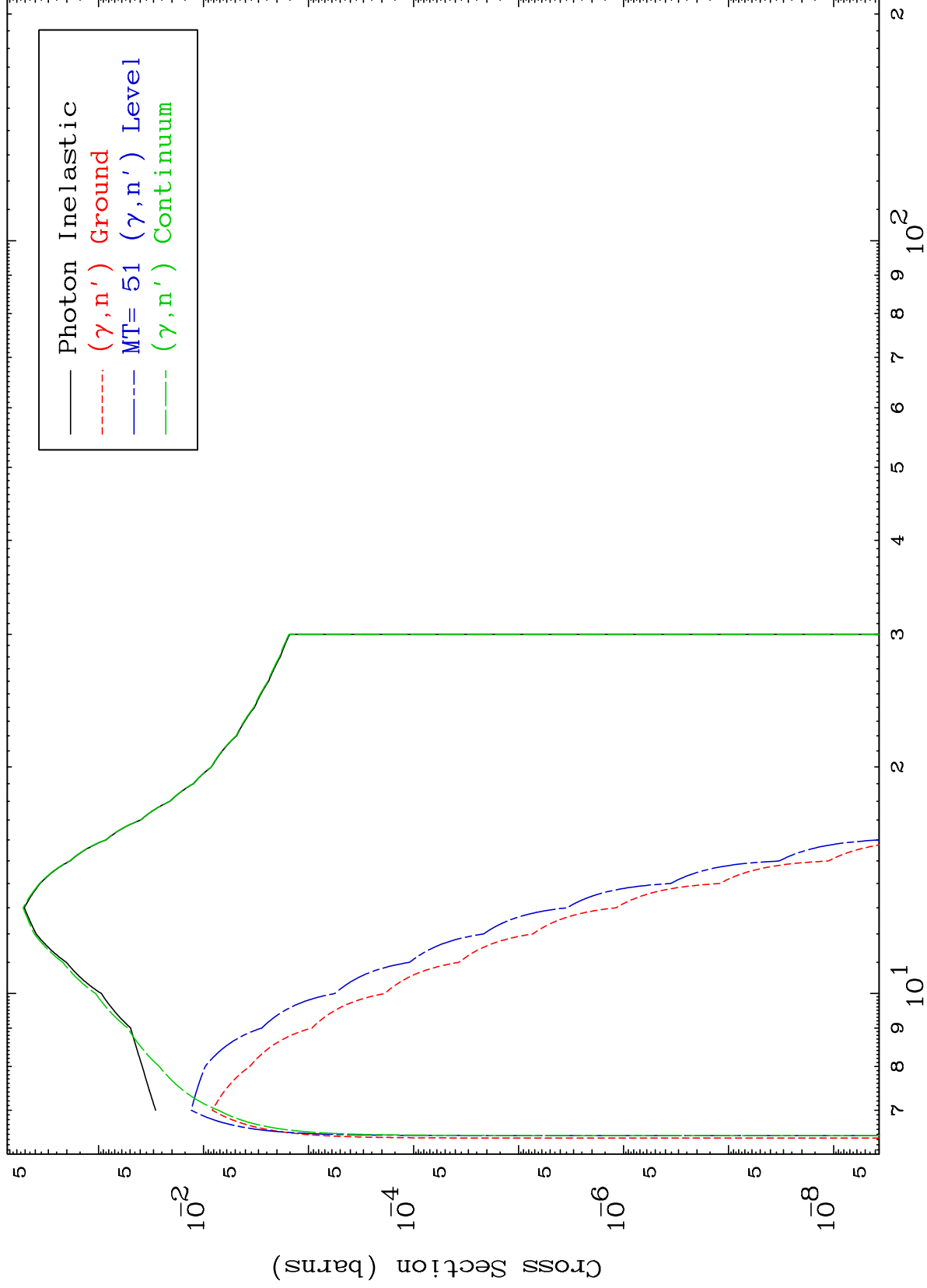
4

MAT 457

(γ, n') Level

104-Rf-257

0 Kelvin Cross Sections



5

Incident Energy (MeV)

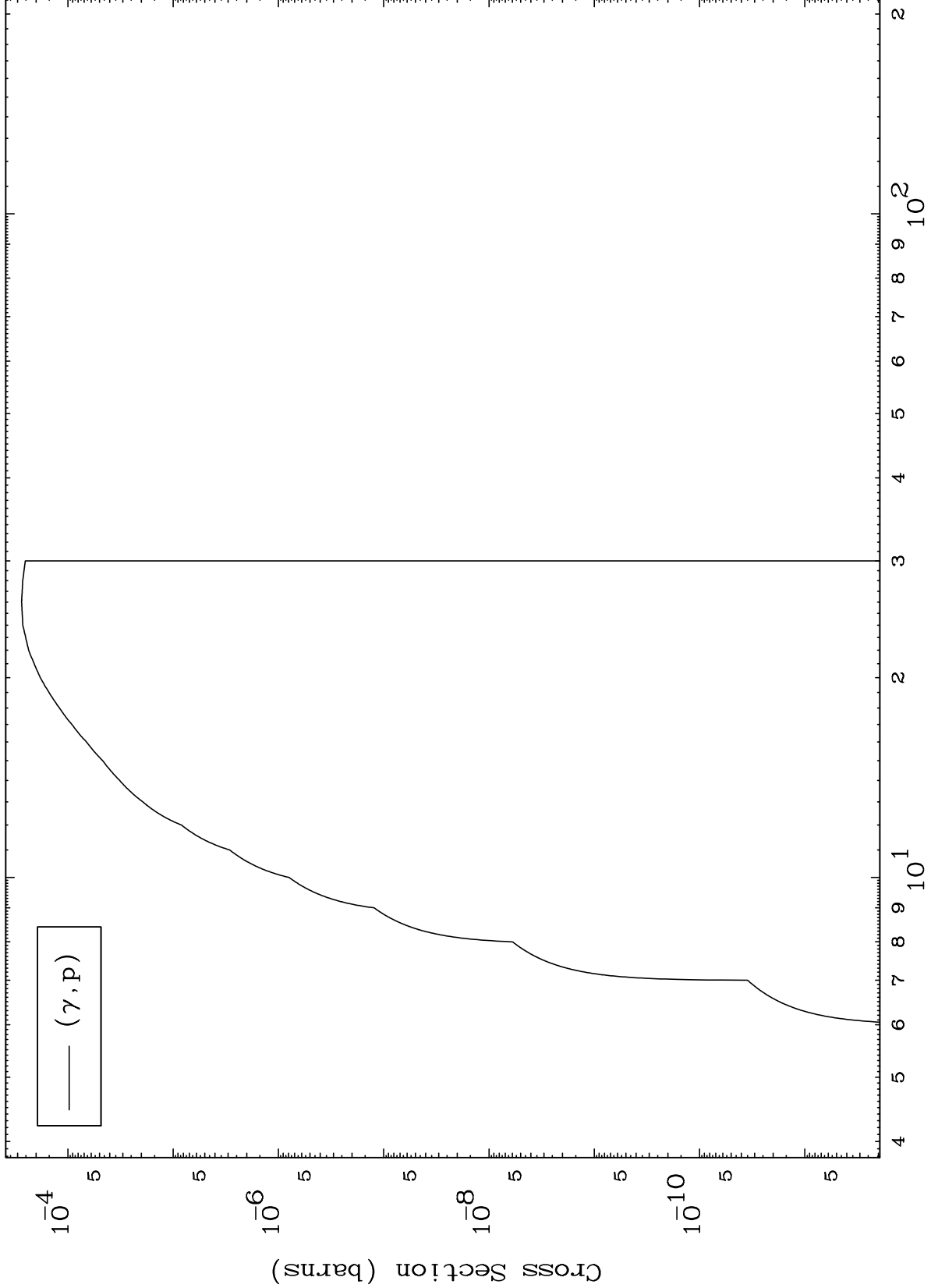
104-Rf-257

MAT 457

(γ, p) Levels

104-Rf-257

0 Kelvin Cross Sections



Incident Energy (MeV)

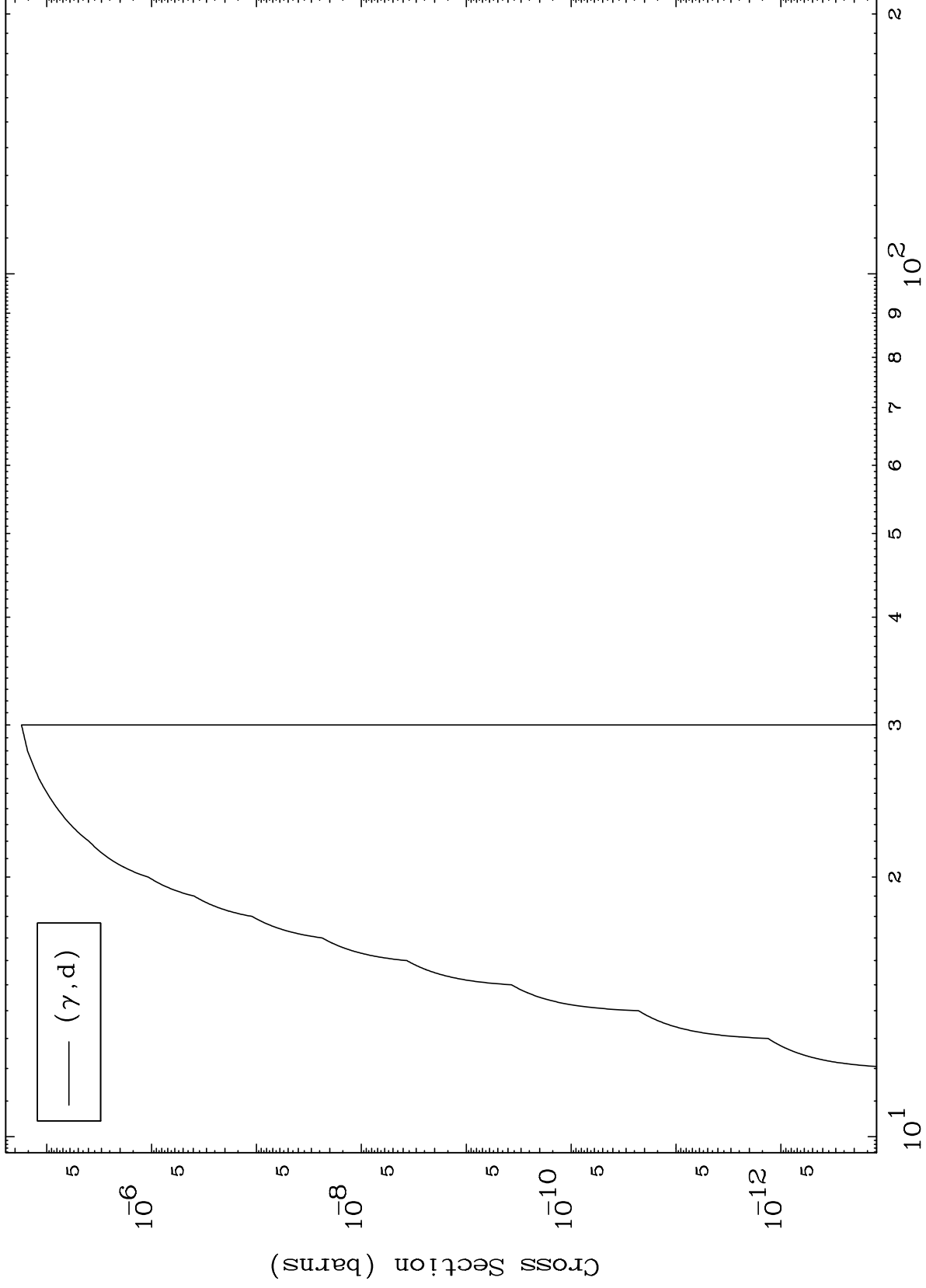
104-Rf-257

6

MAT 457

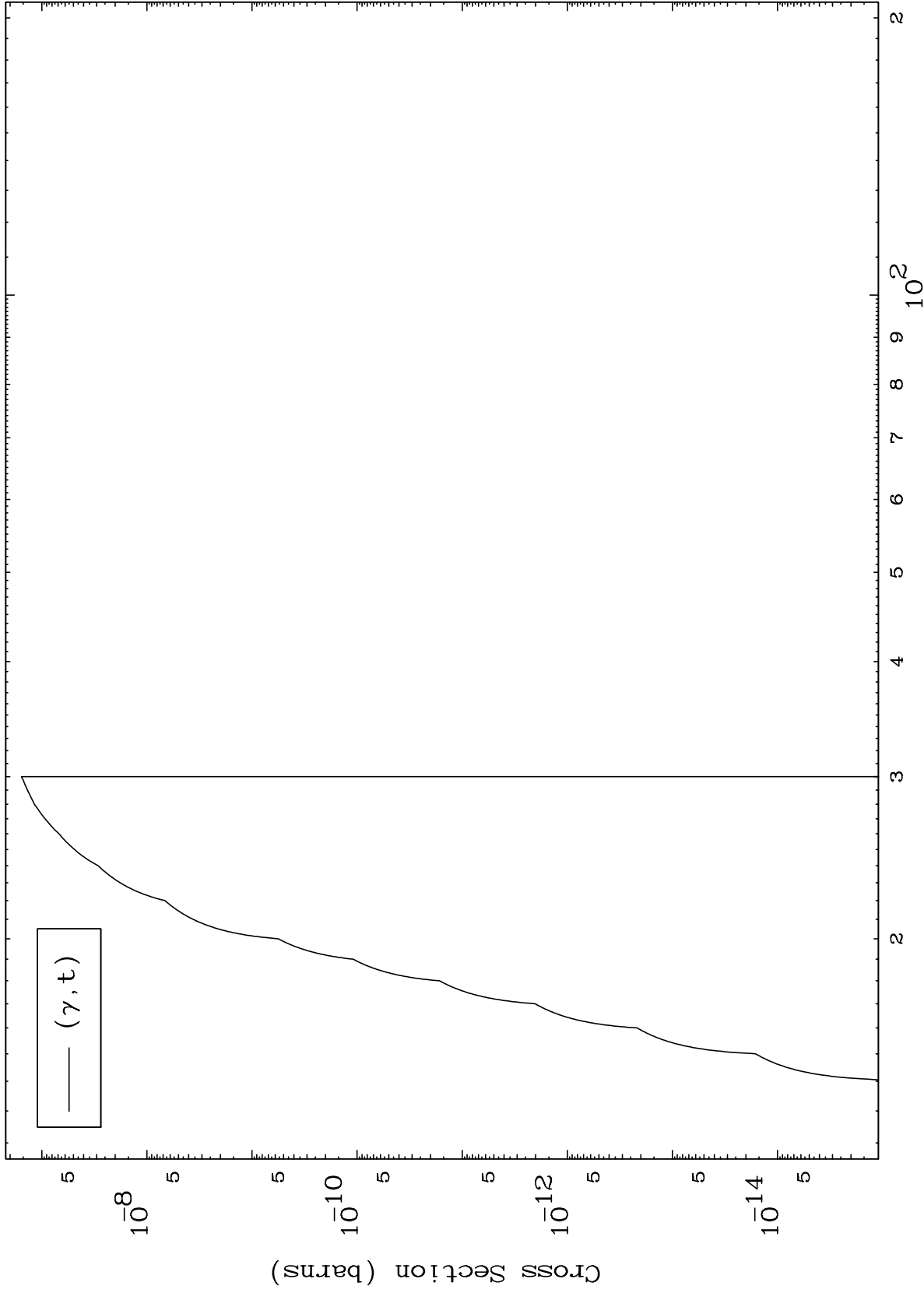
(γ, d) Levels
0 Kelvin Cross Sections

104-Rf-257



Incident Energy (MeV)

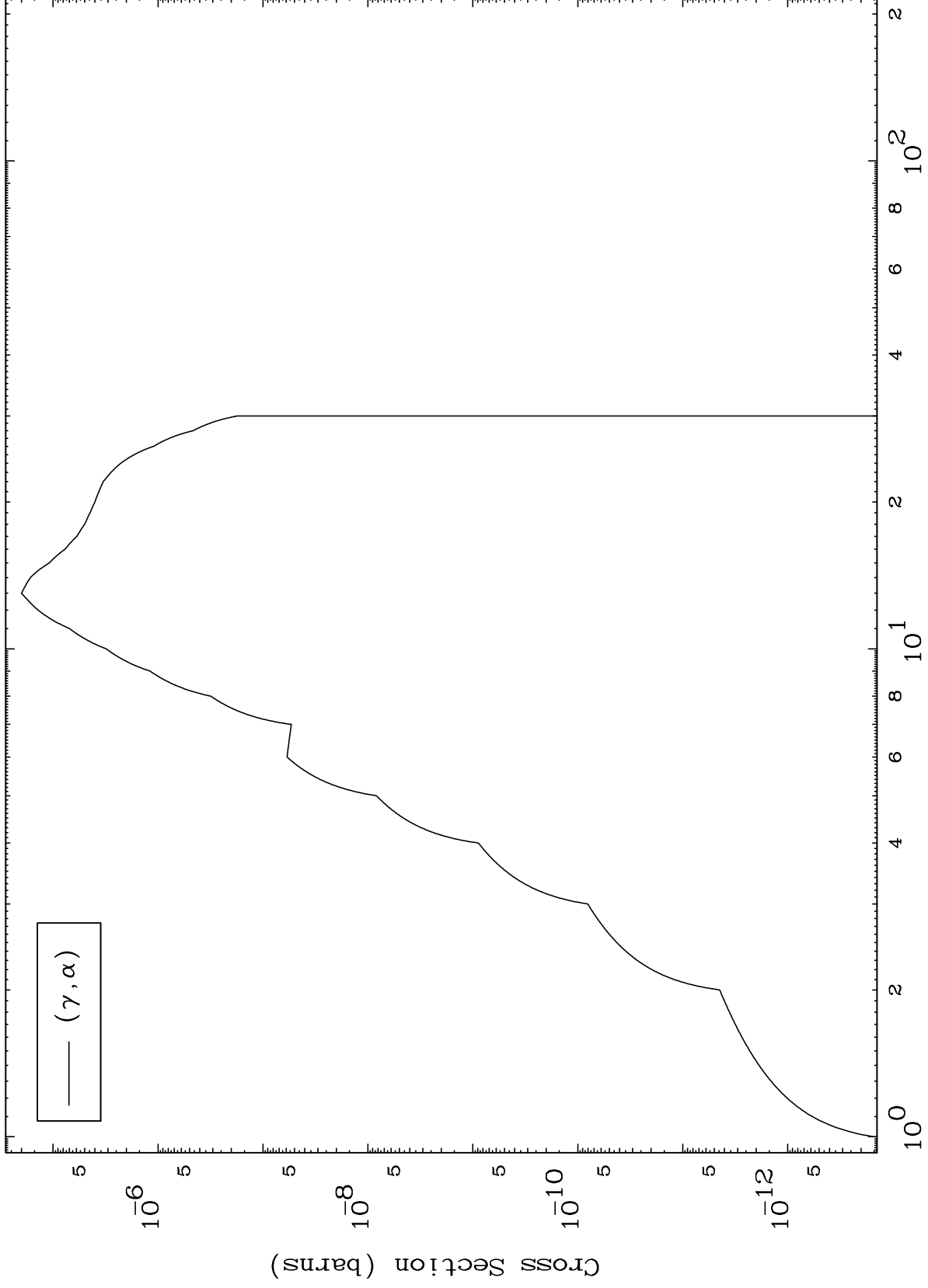
104-Rf-257



MAT 457

104-Rf-257

(γ, α) Levels
0 Kelvin Cross Sections



104-Rf-257

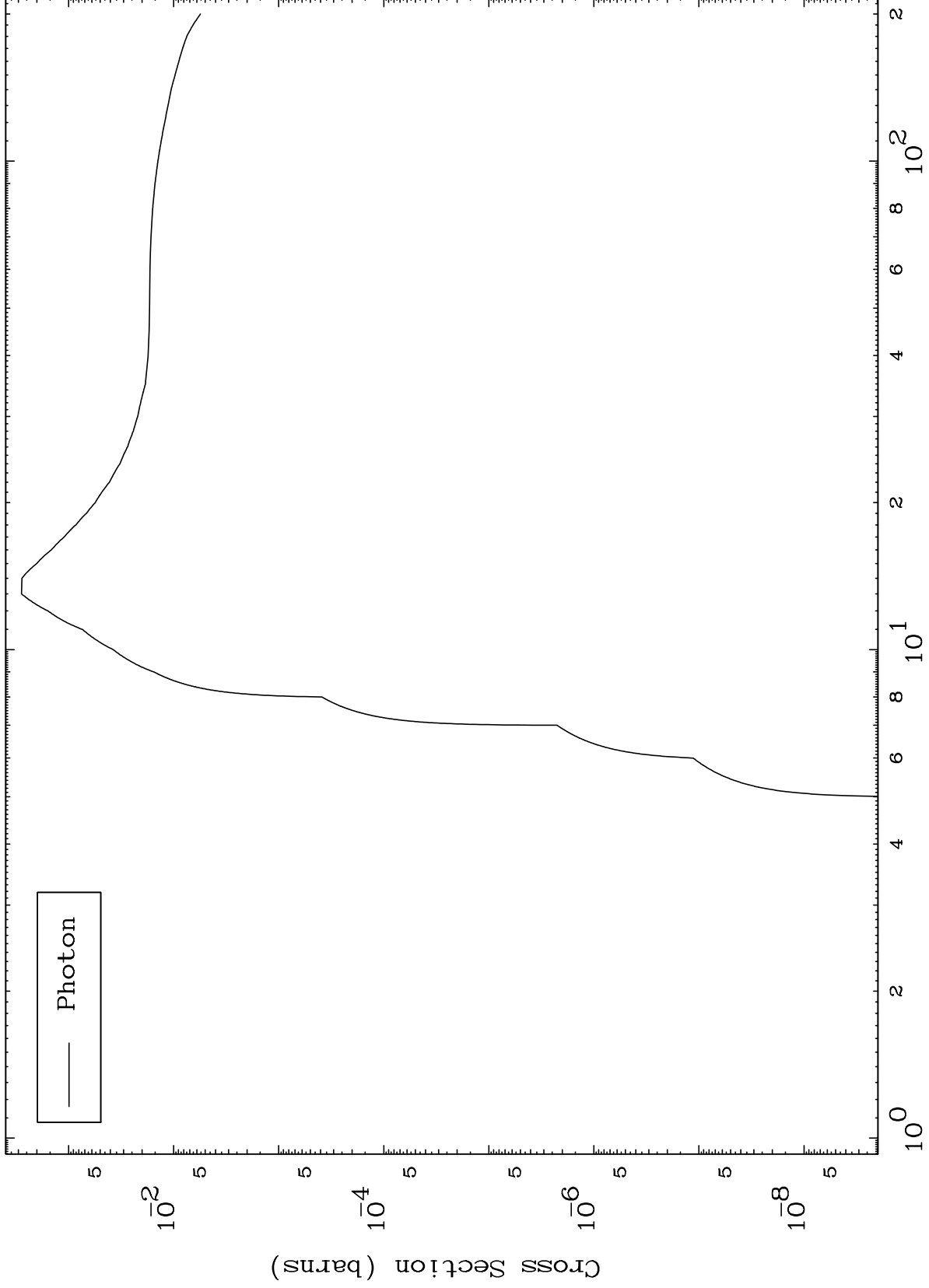
Incident Energy (MeV)

9

MAT 457

Photon Fission
Radionuclide Production Cross Section

104-Rf-257



Incident Energy (MeV)

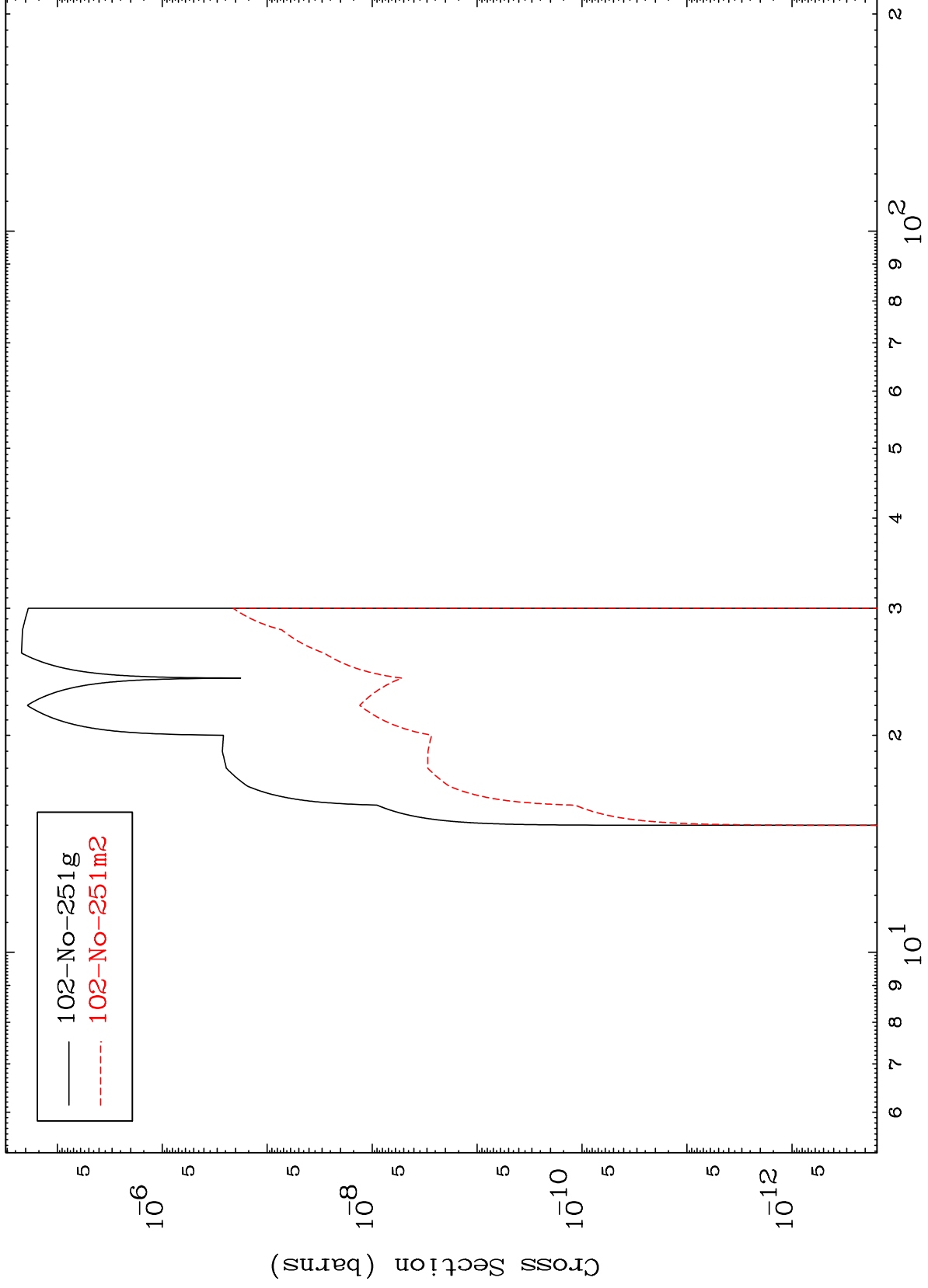
104-Rf-257

MAT 457

104-Rf-257

($\gamma, 2n$) α

Radionuclide Production Cross Section



11

Incident Energy (MeV)

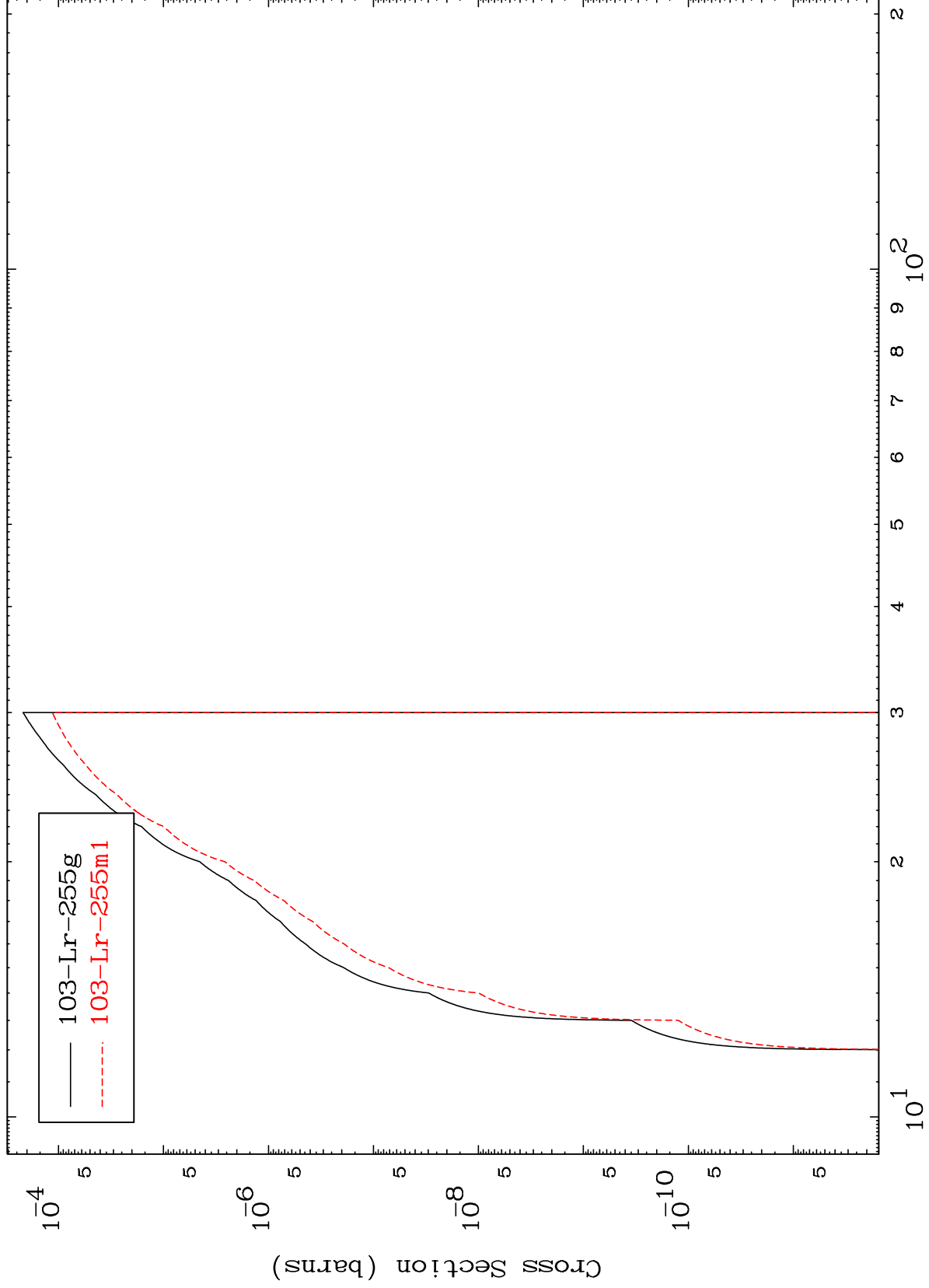
104-Rf-257

MAT 457

(γ, n') p

104-Rf-257

Radionuclide Production Cross Section



Incident Energy (MeV)

104-Rf-257

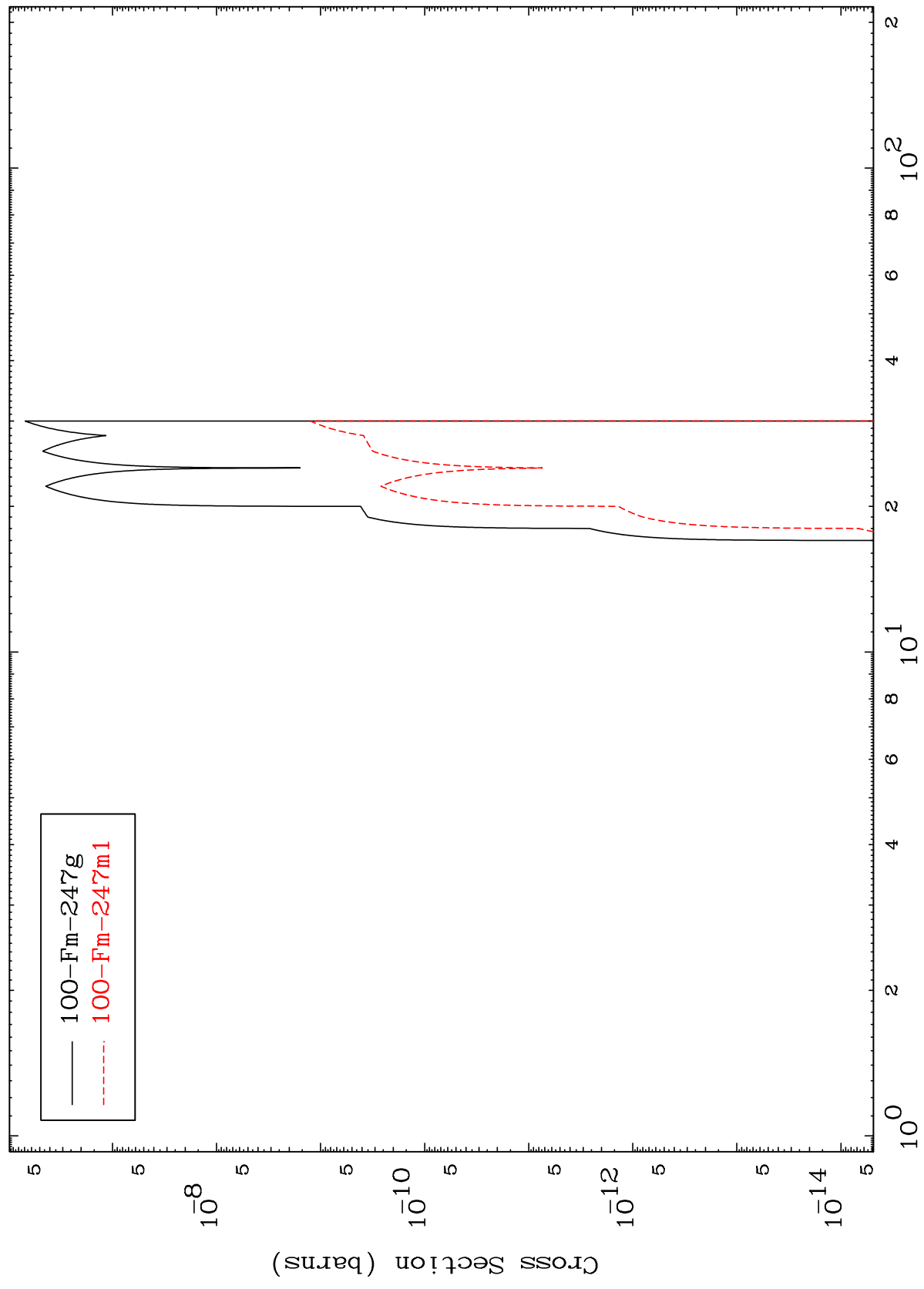
12

MAT 457

$(\gamma, 2n) 2\alpha$

104-Rf-257

Radionuclide Production Cross Section



— 100-Fm-247g
- - - 100-Fm-247m1

Incident Energy (MeV)

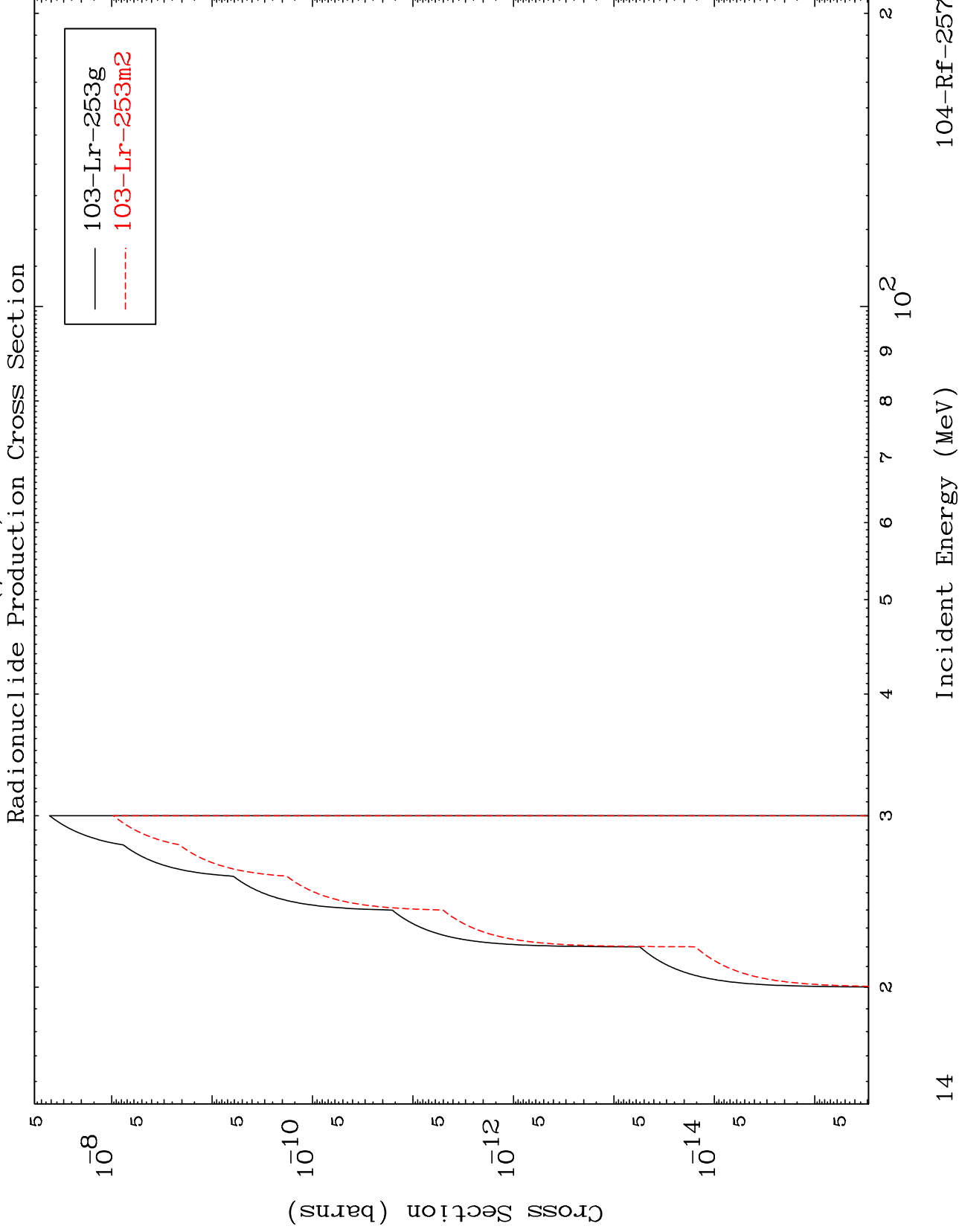
104-Rf-257

13

MAT 457

(γ, n') t

104-Rf-257



14

Incident Energy (MeV)

104-Rf-257

MAT 457

104-Rf-257

Radionuclide Production Cross Section



104-Rf-257

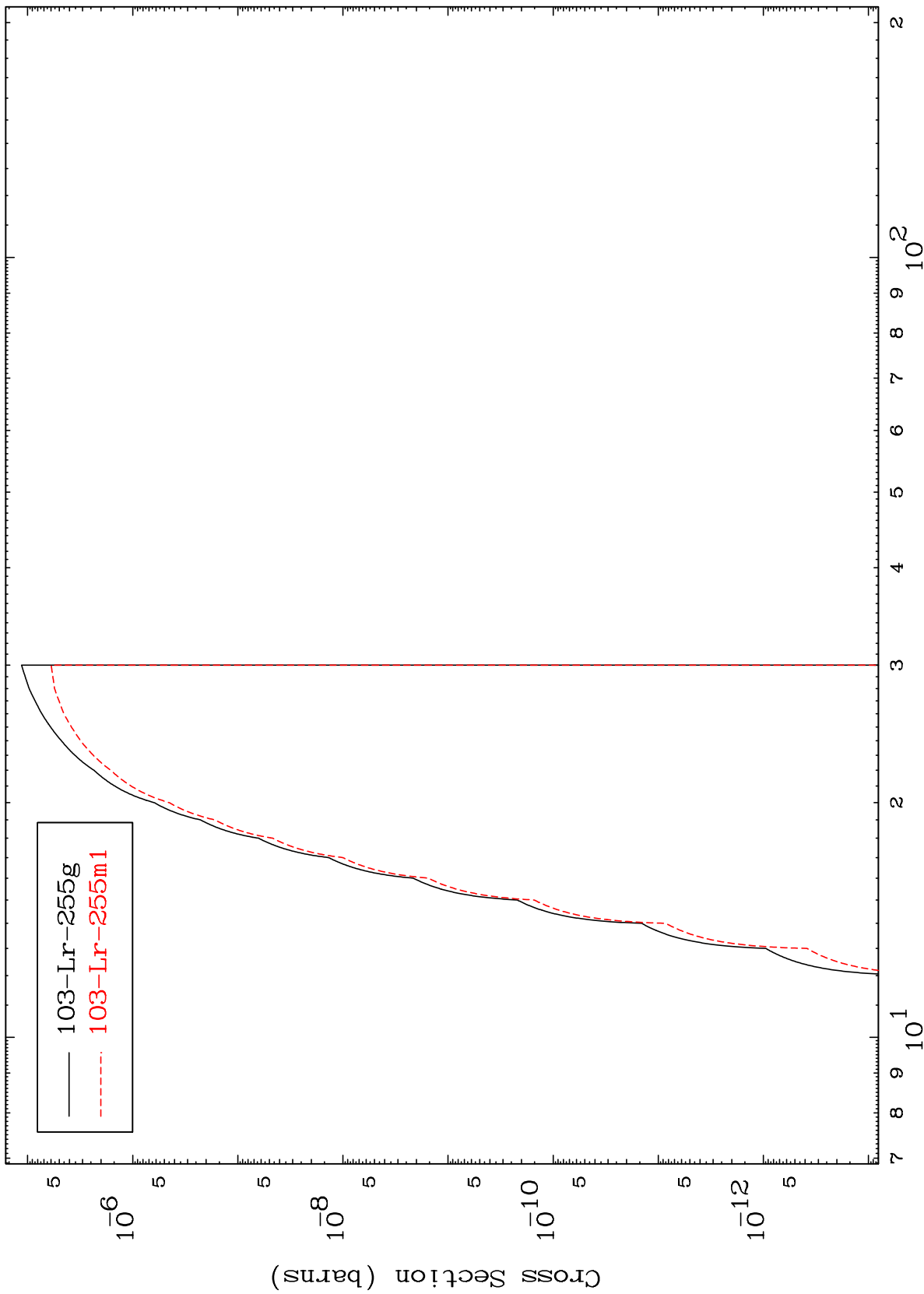
Incident Energy (MeV)

15

MAT 457

104-Rf-257

(γ, d)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

104-Rf-257