

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

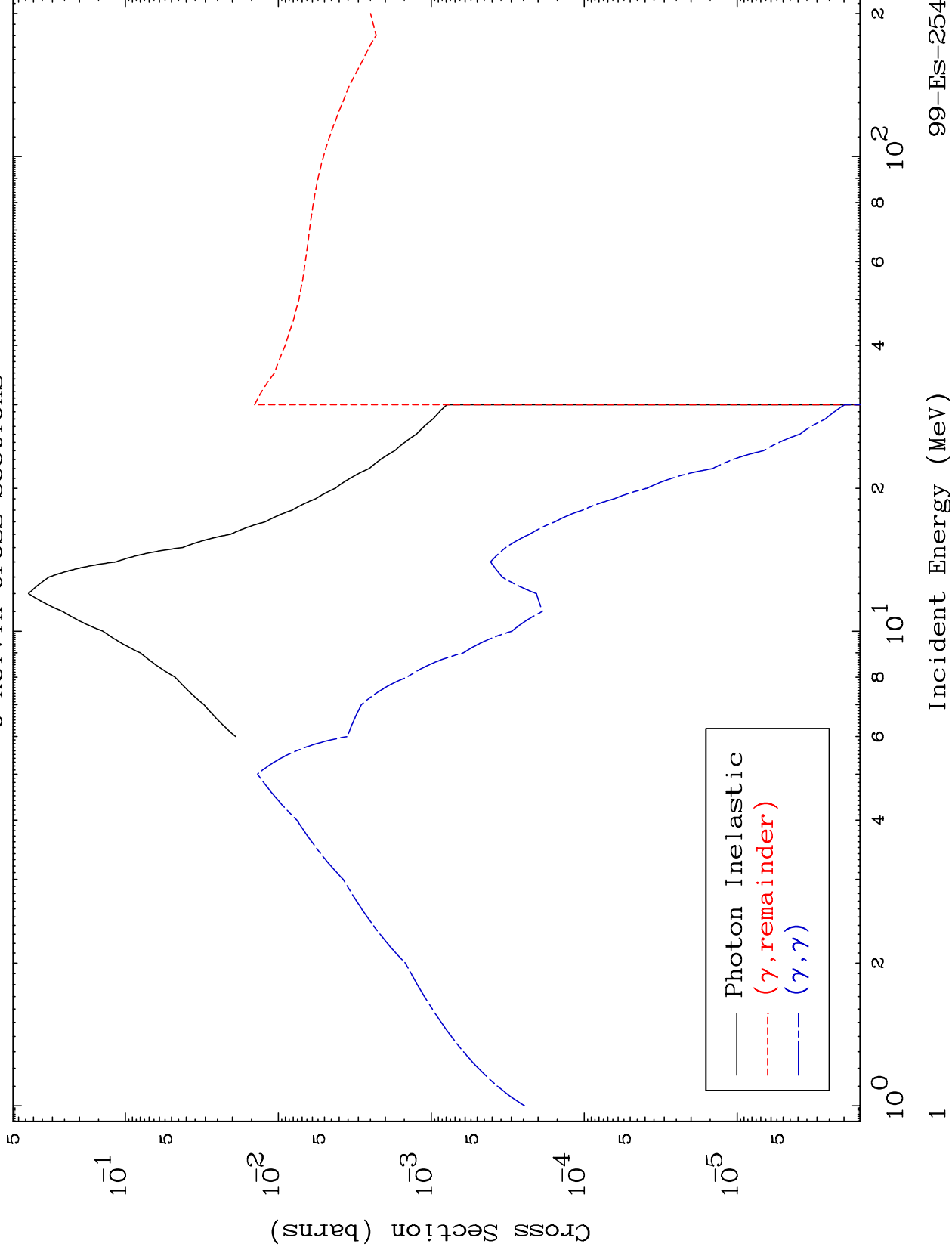
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9919

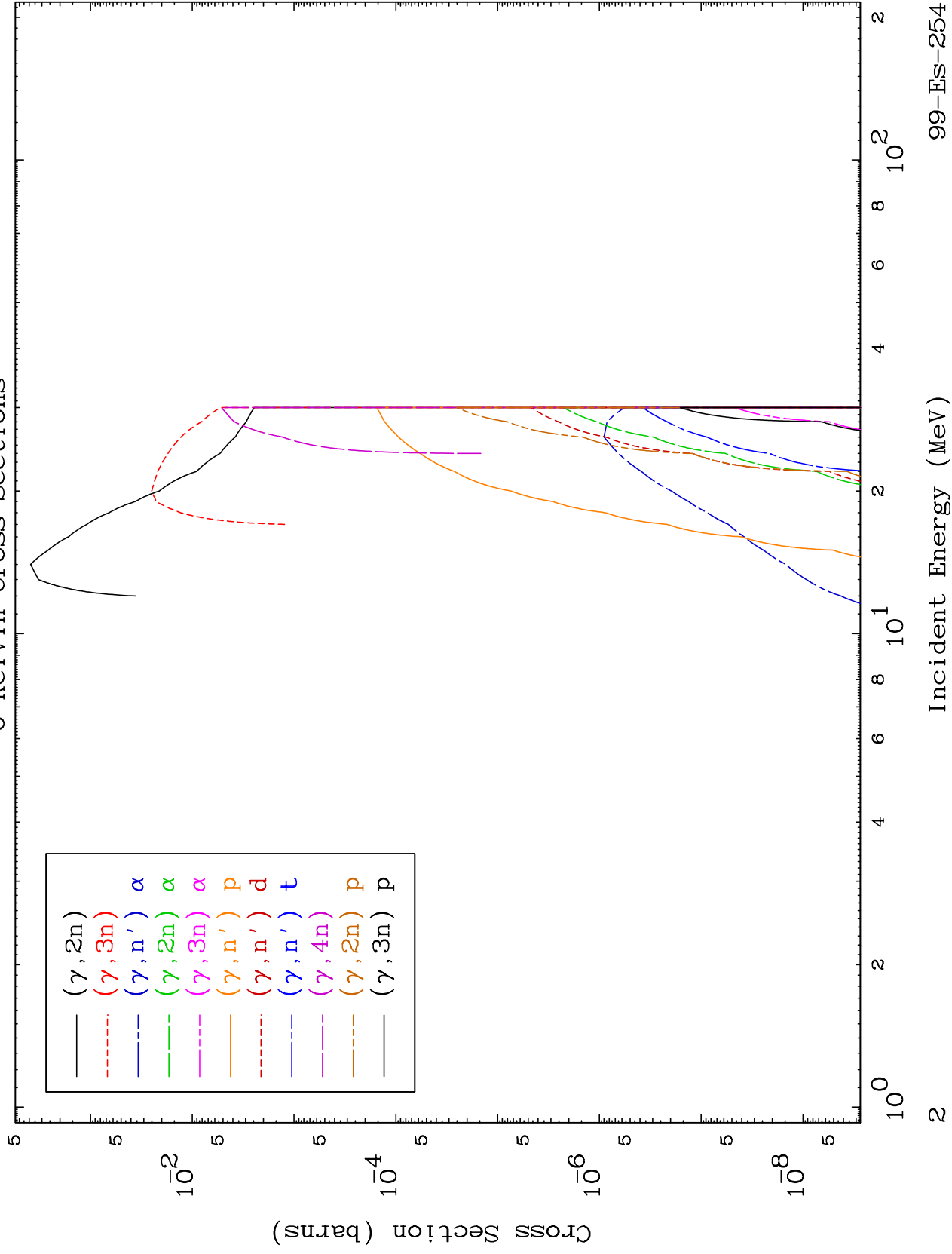
Photon Major
0 Kelvin Cross Sections

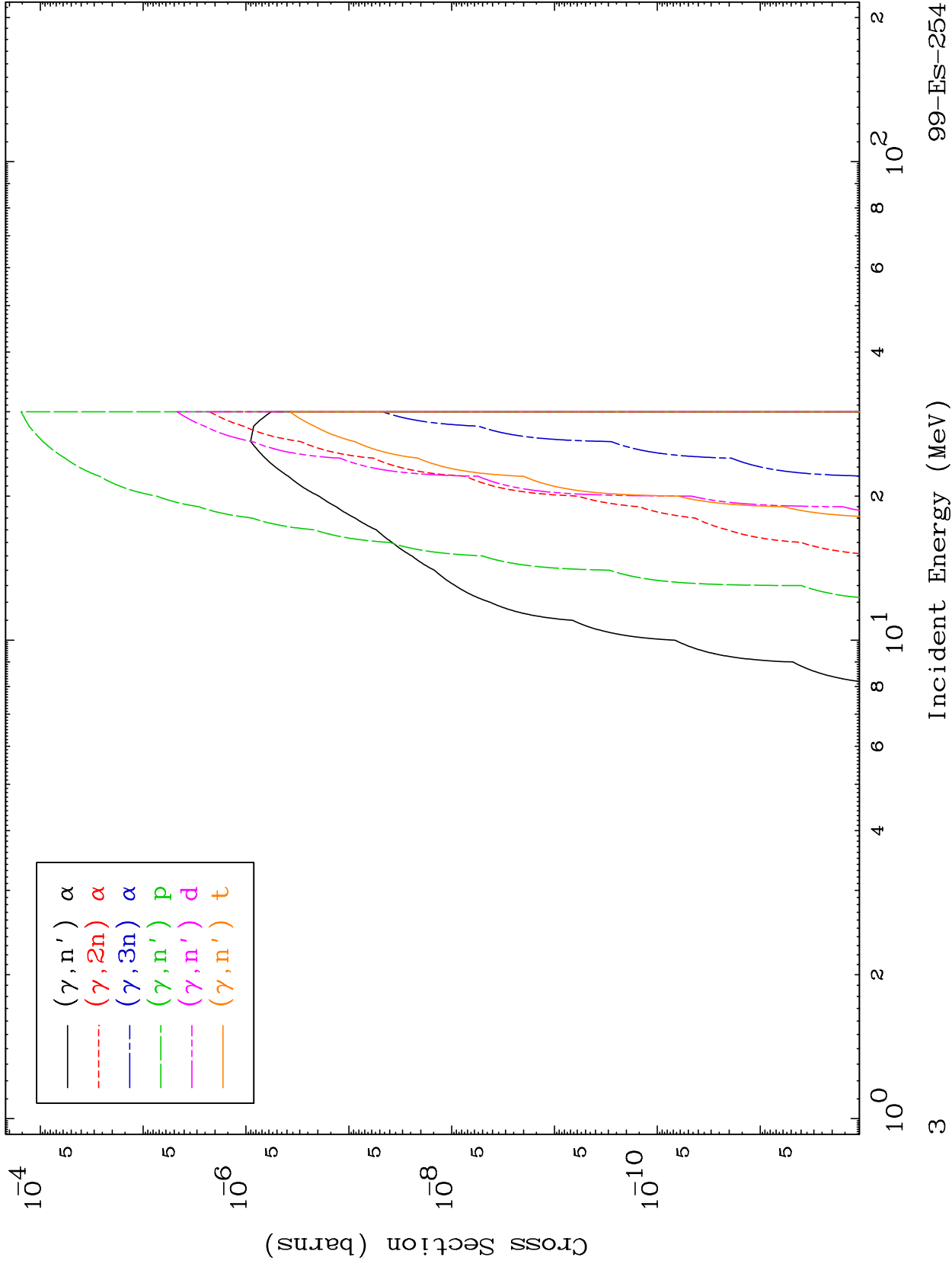
99-Es-254



99-Es-254

Incident Energy (MeV)

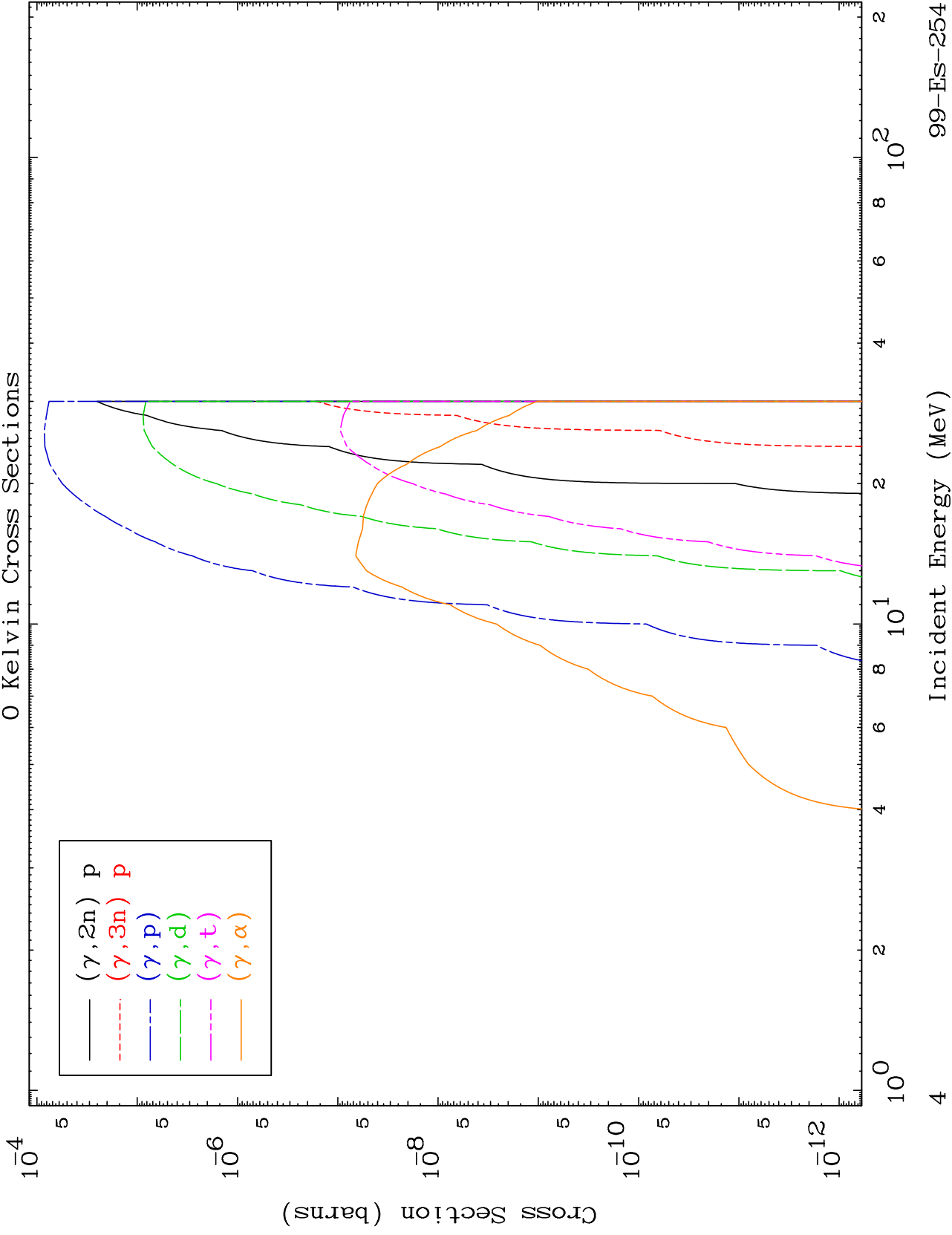




MAT 9919

Photon Charged Particle
0 Kelvin Cross Sections

99-Es-254



Incident Energy (MeV)

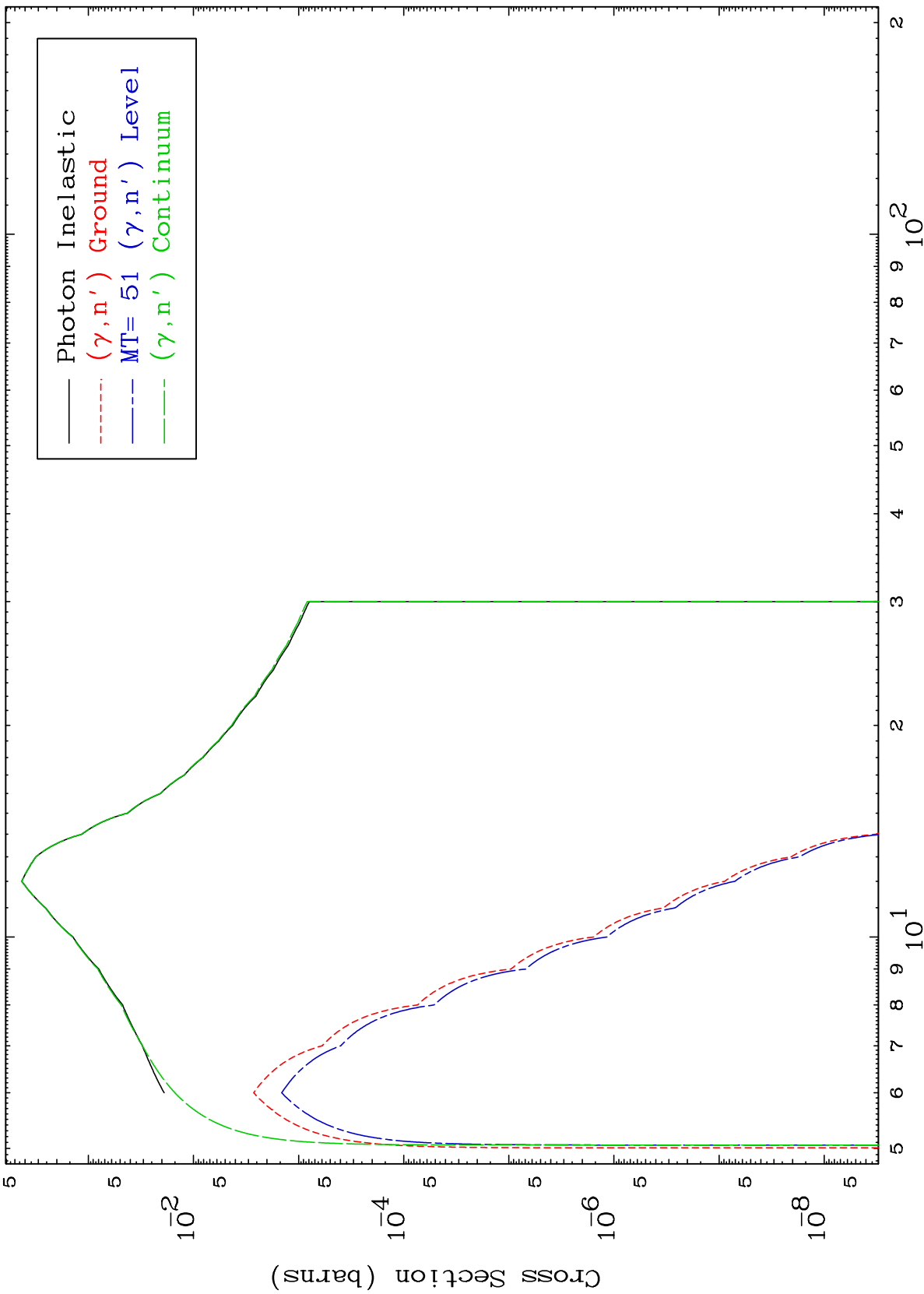
99-Es-254

MAT 9919

(γ, n') Level

99-Es-254

0 Kelvin Cross Sections



Incident Energy (MeV)

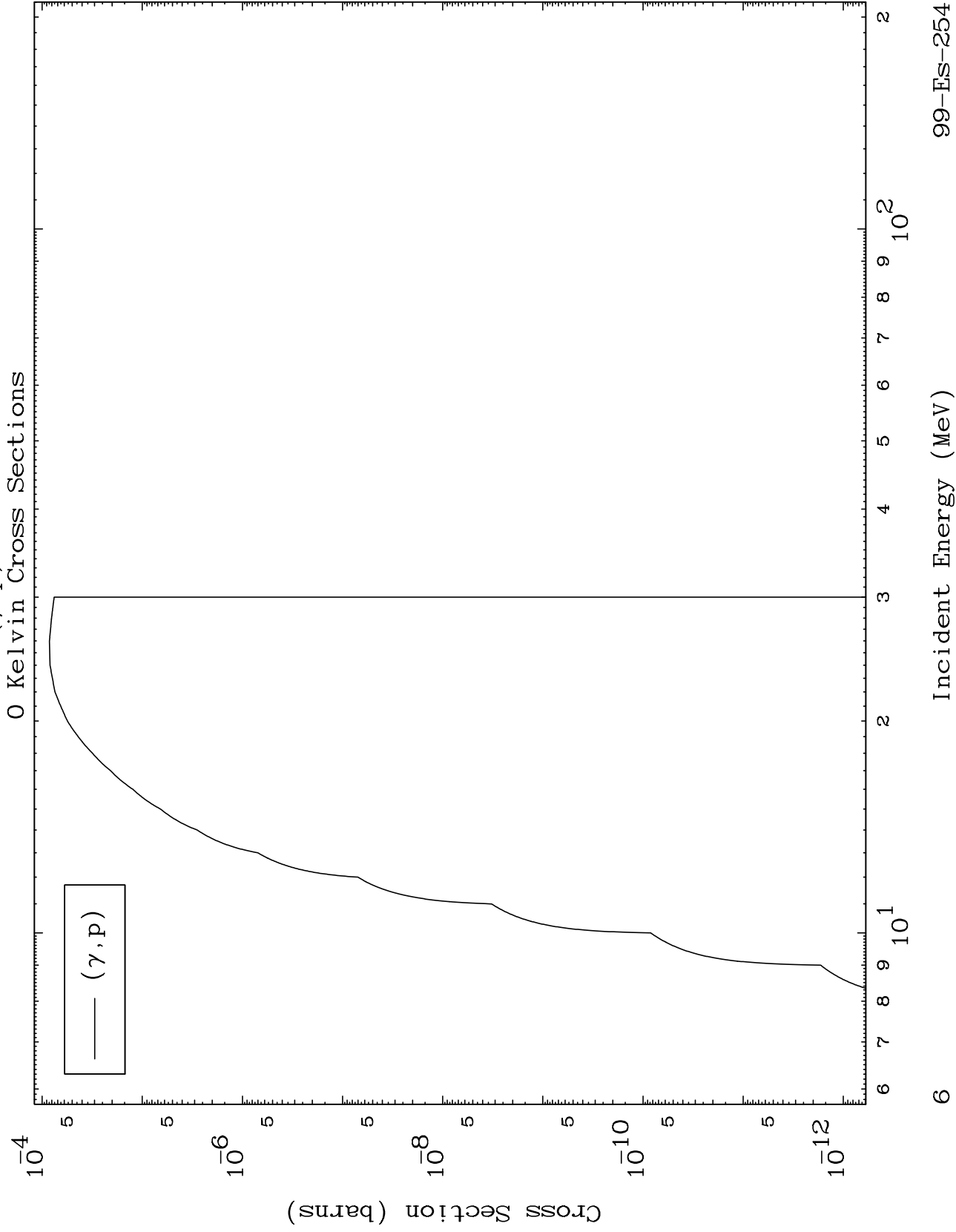
99-Es-254

5

MAT 9919

(γ, p) Levels

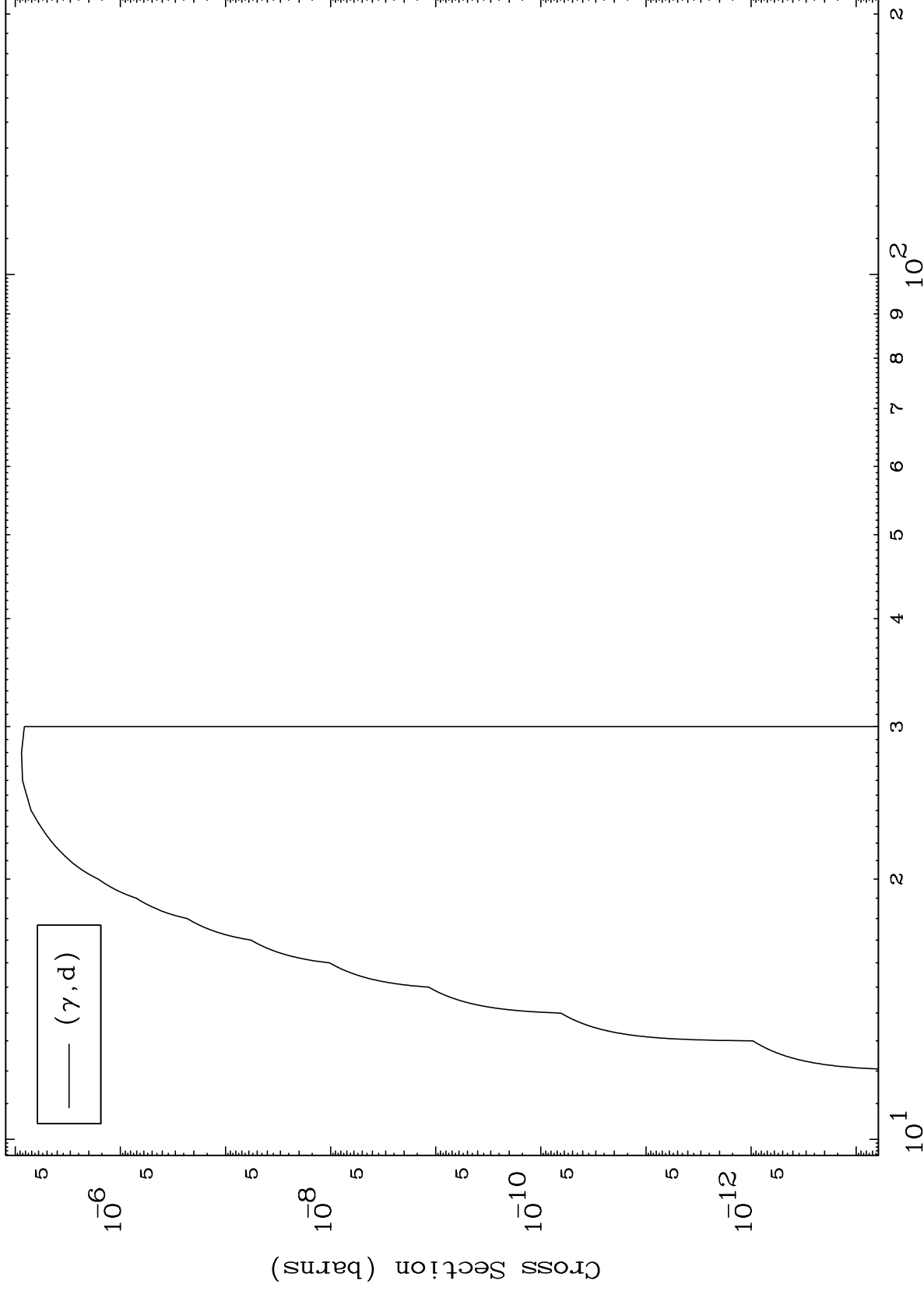
99-Es-254



MAT 9919

(γ, d) Levels
0 Kelvin Cross Sections

99-Es-254



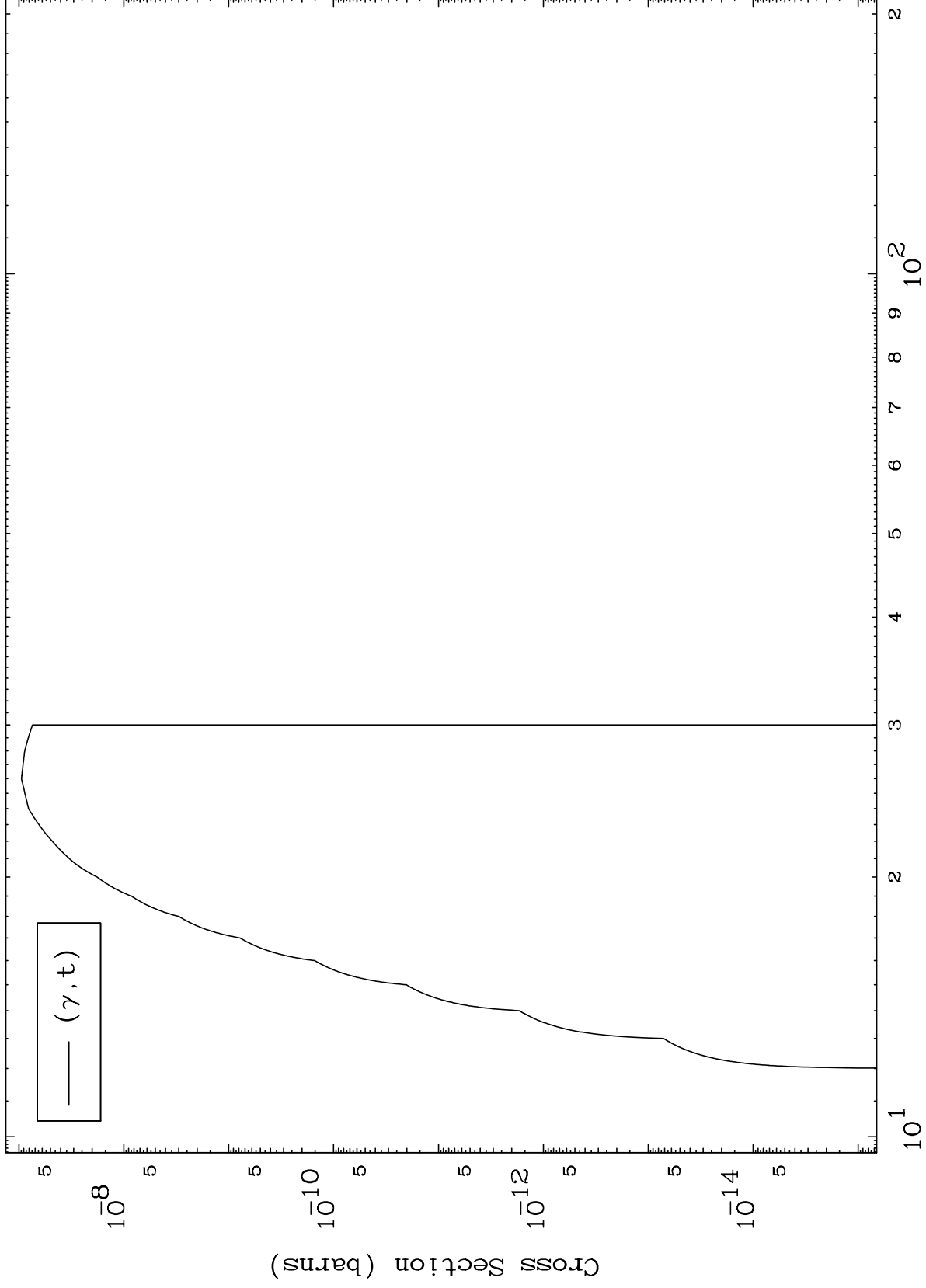
Incident Energy (MeV)

99-Es-254

MAT 9919

(γ, t) Levels
0 Kelvin Cross Sections

99-Es-254



Incident Energy (MeV)

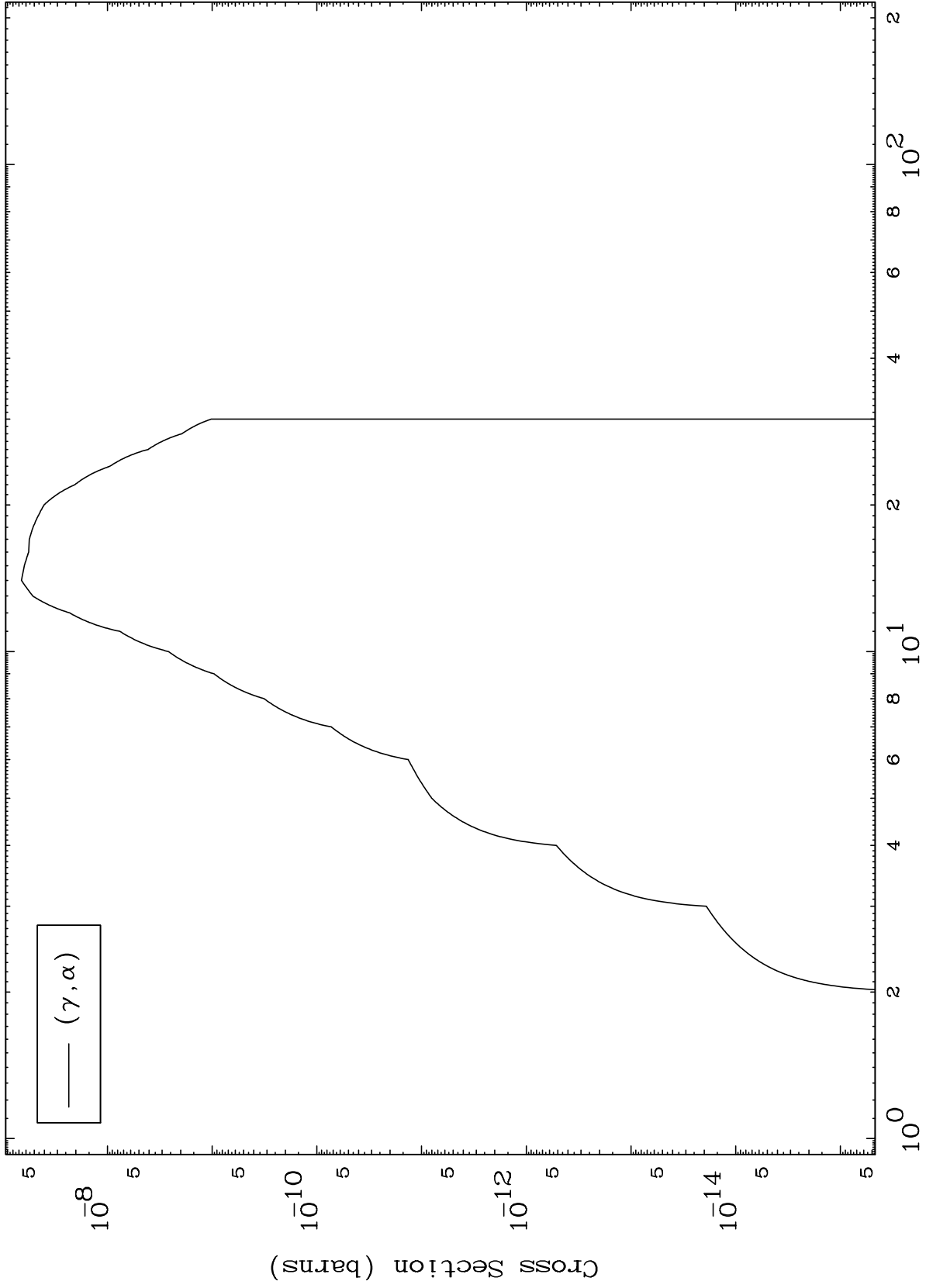
99-Es-254

MAT 9919

(γ, α) Levels

99-Es-254

0 Kelvin Cross Sections



(γ, α)

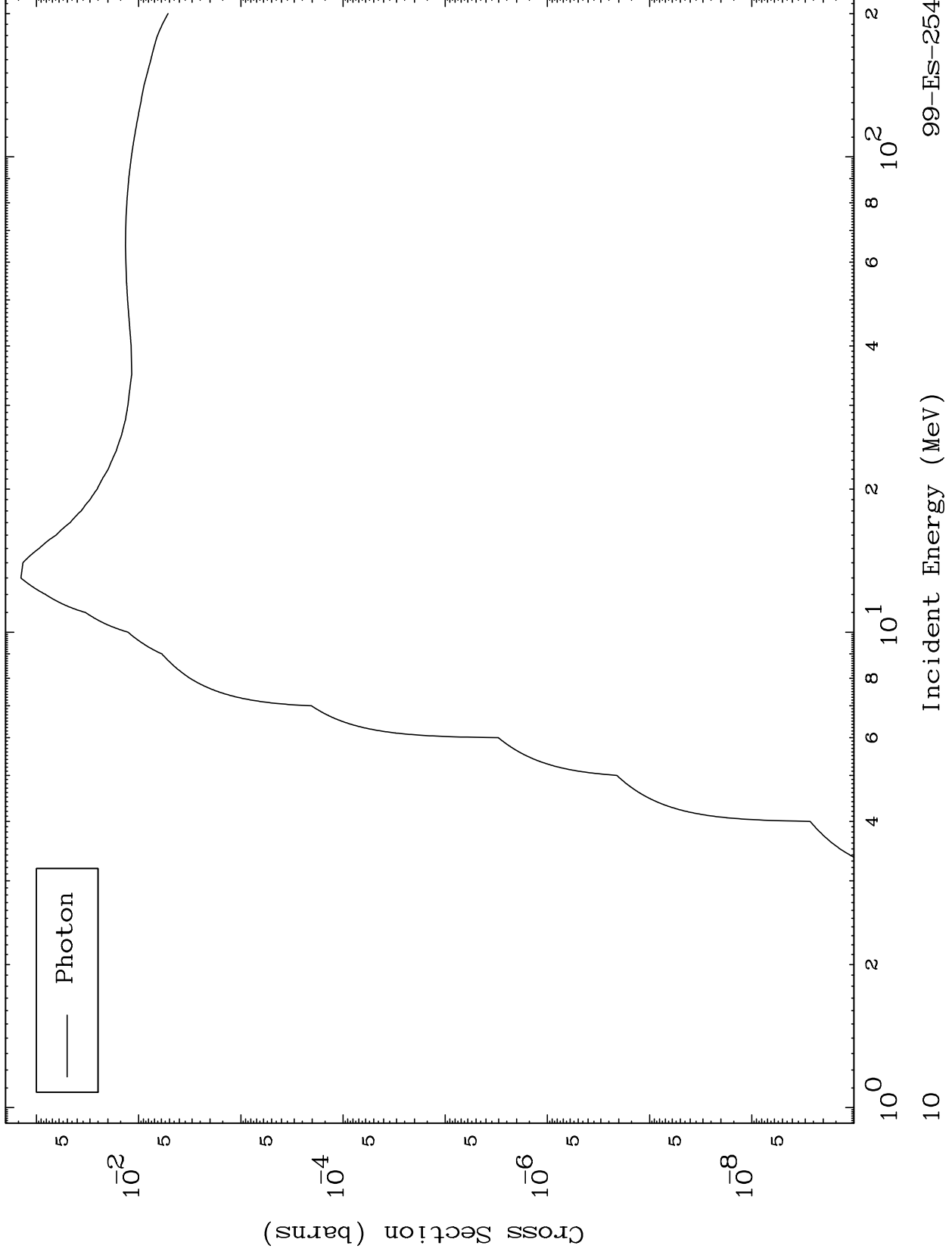
Incident Energy (MeV)

99-Es-254

MAT 9919

99-Es-254

Photon Fission
Radionuclide Production Cross Section



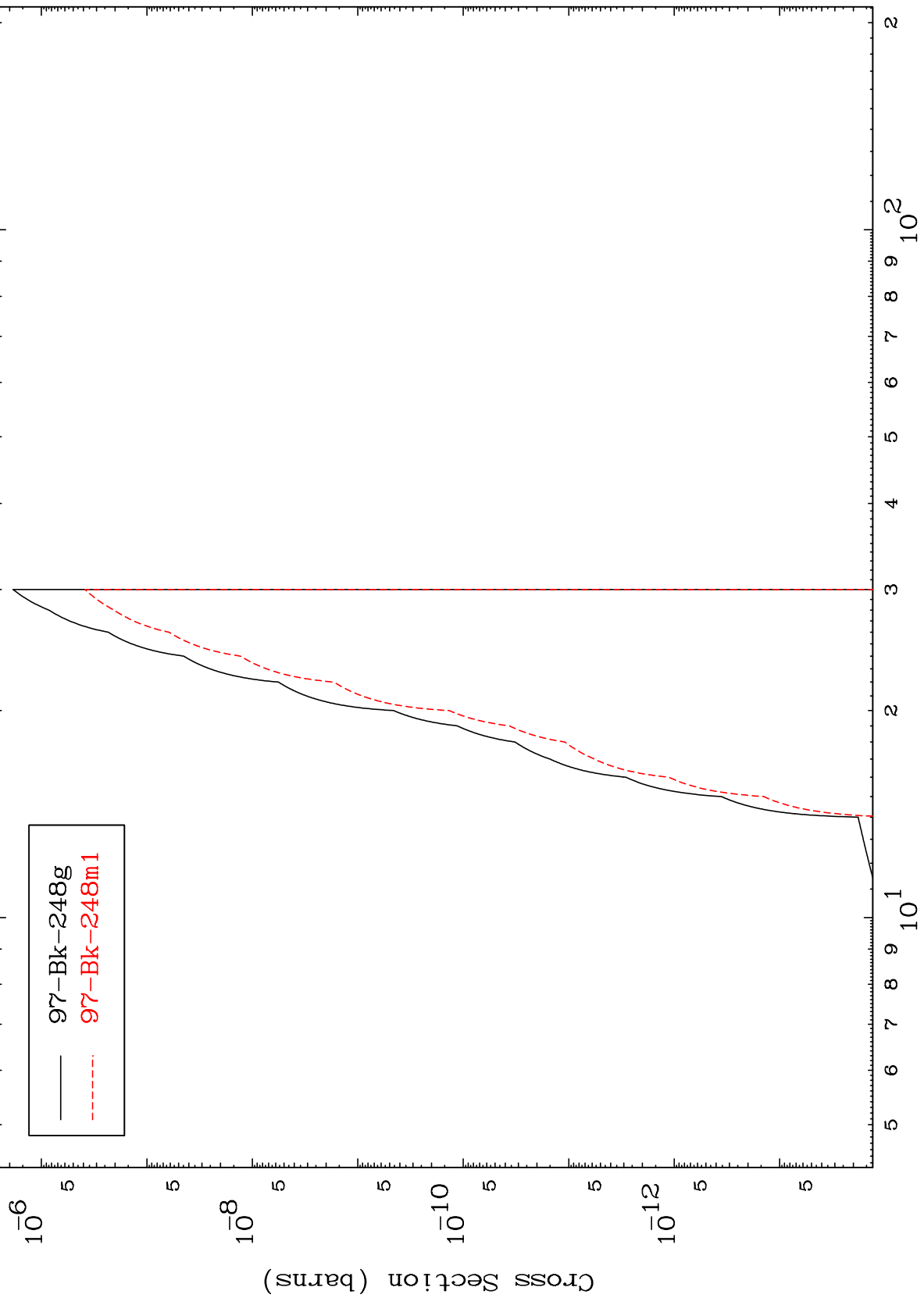
99-Es-254

MAT 9919

($\gamma, 2n$) α

99-Es-254

Radionuclide Production Cross Section



11

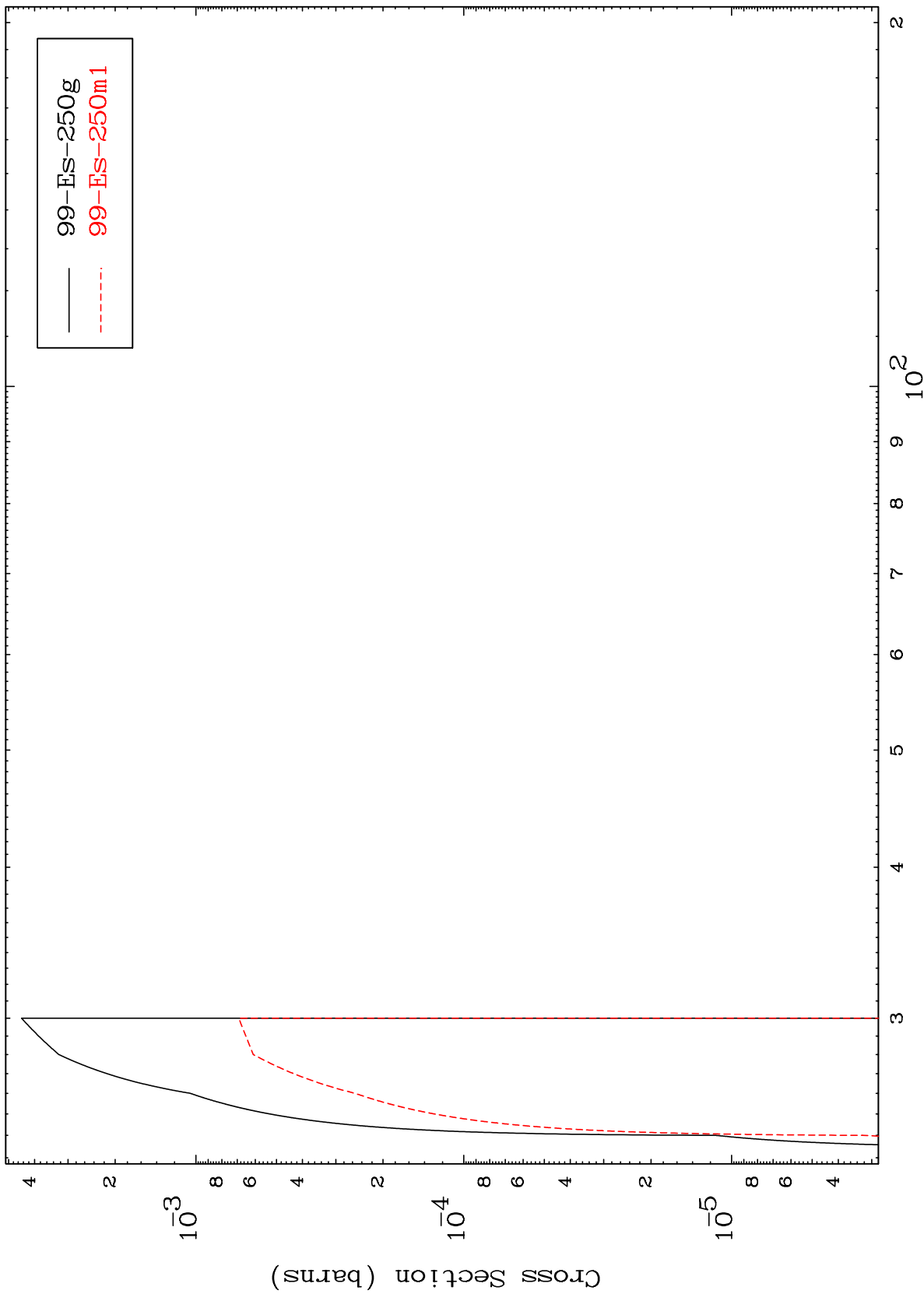
Incident Energy (MeV)

99-Es-254

MAT 9919

99-Es-254

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



12

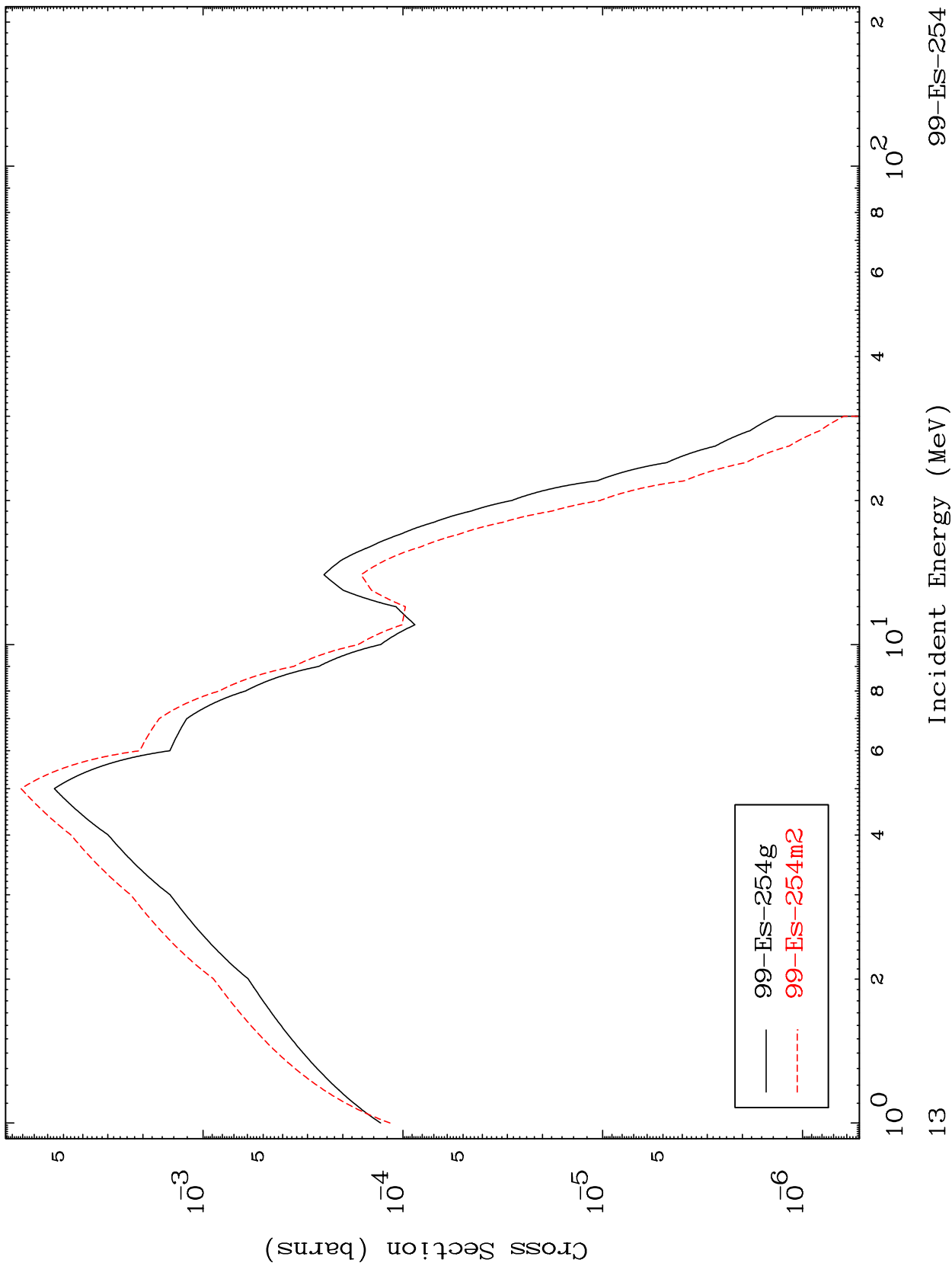
99-Es-254

Incident Energy (MeV)

MAT 9919

99-Es-254

(γ, γ)
Radionuclide Production Cross Section



99-Es-254

Incident Energy (MeV)

13