

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

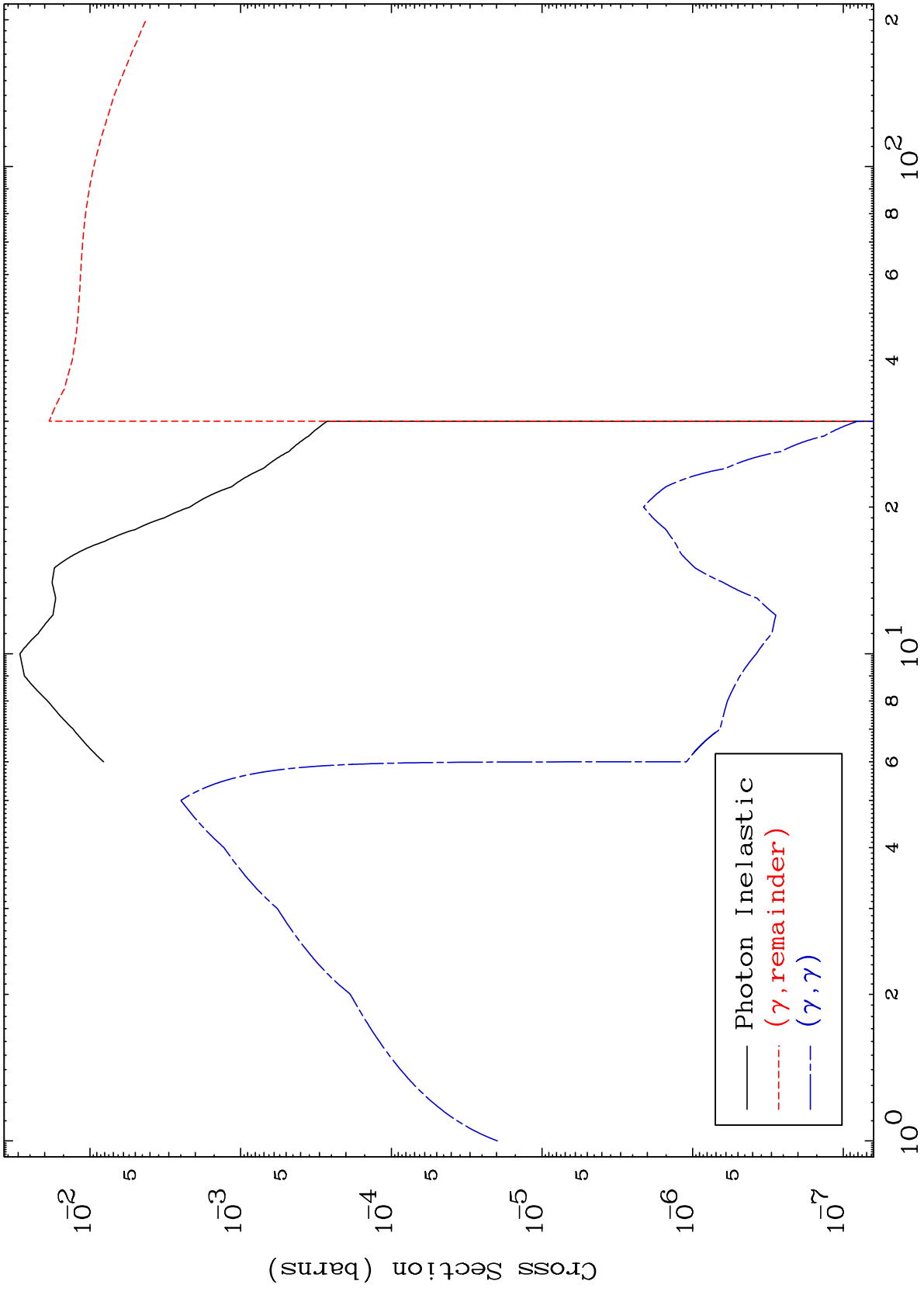
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5473

Photon Major
0 Kelvin Cross Sections

54-Xe-140



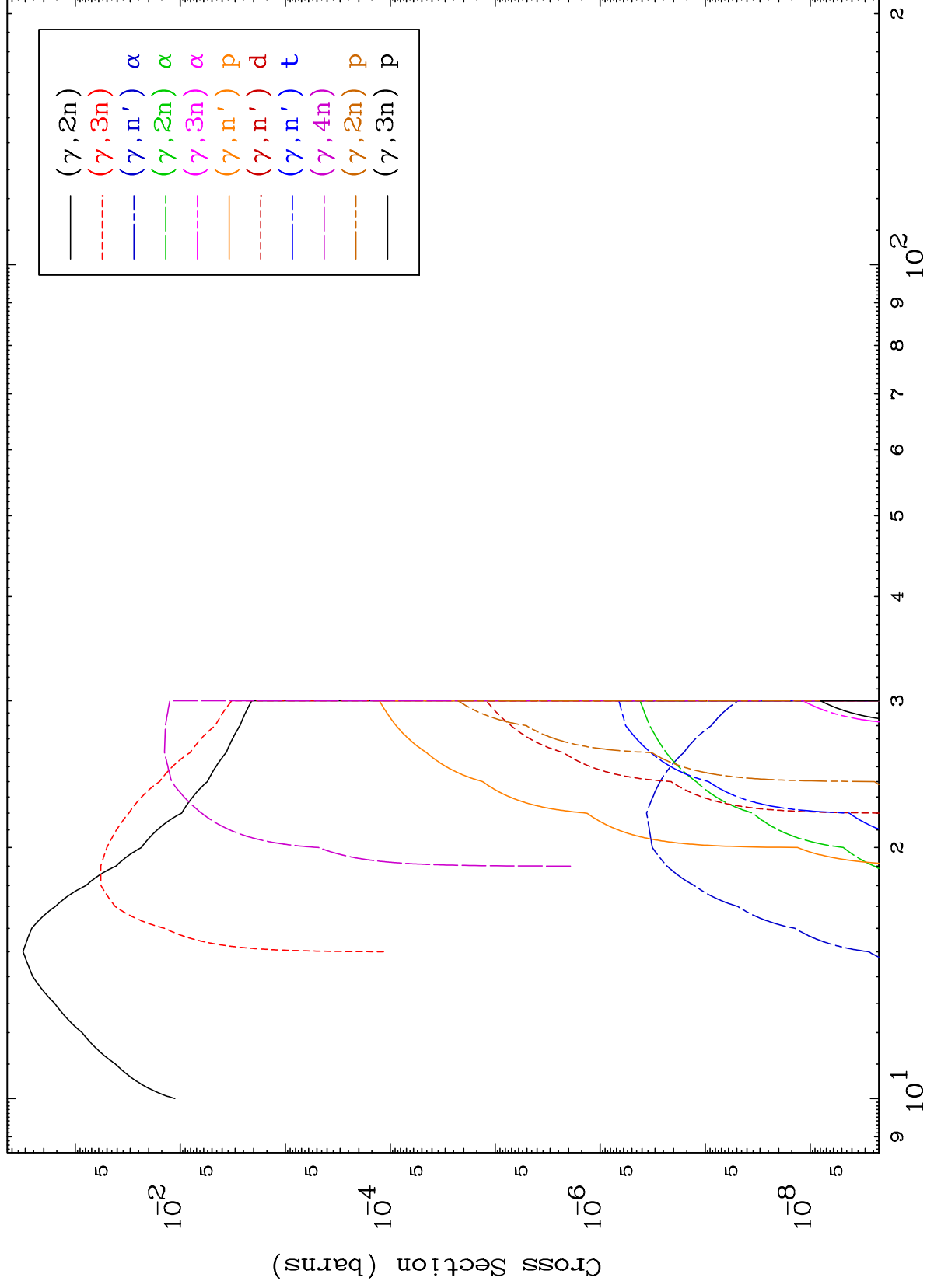
Incident Energy (MeV)

54-Xe-140

MAT 5473

Photon Neutron Production
0 Kelvin Cross Sections

54-Xe-140



2

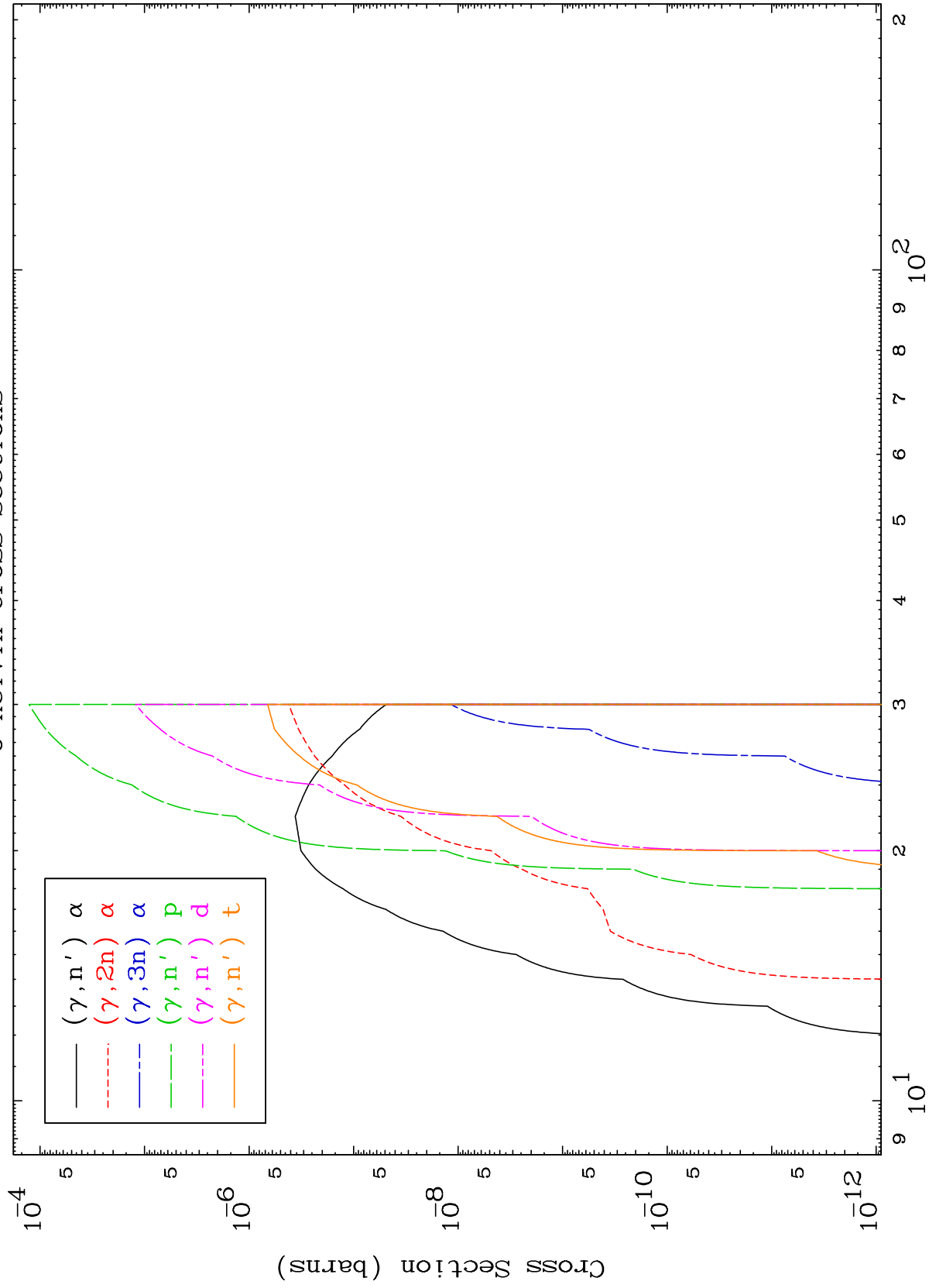
Incident Energy (MeV)

54-Xe-140

MAT 5473

Photon Charged Particle
0 Kelvin Cross Sections

54-Xe-140



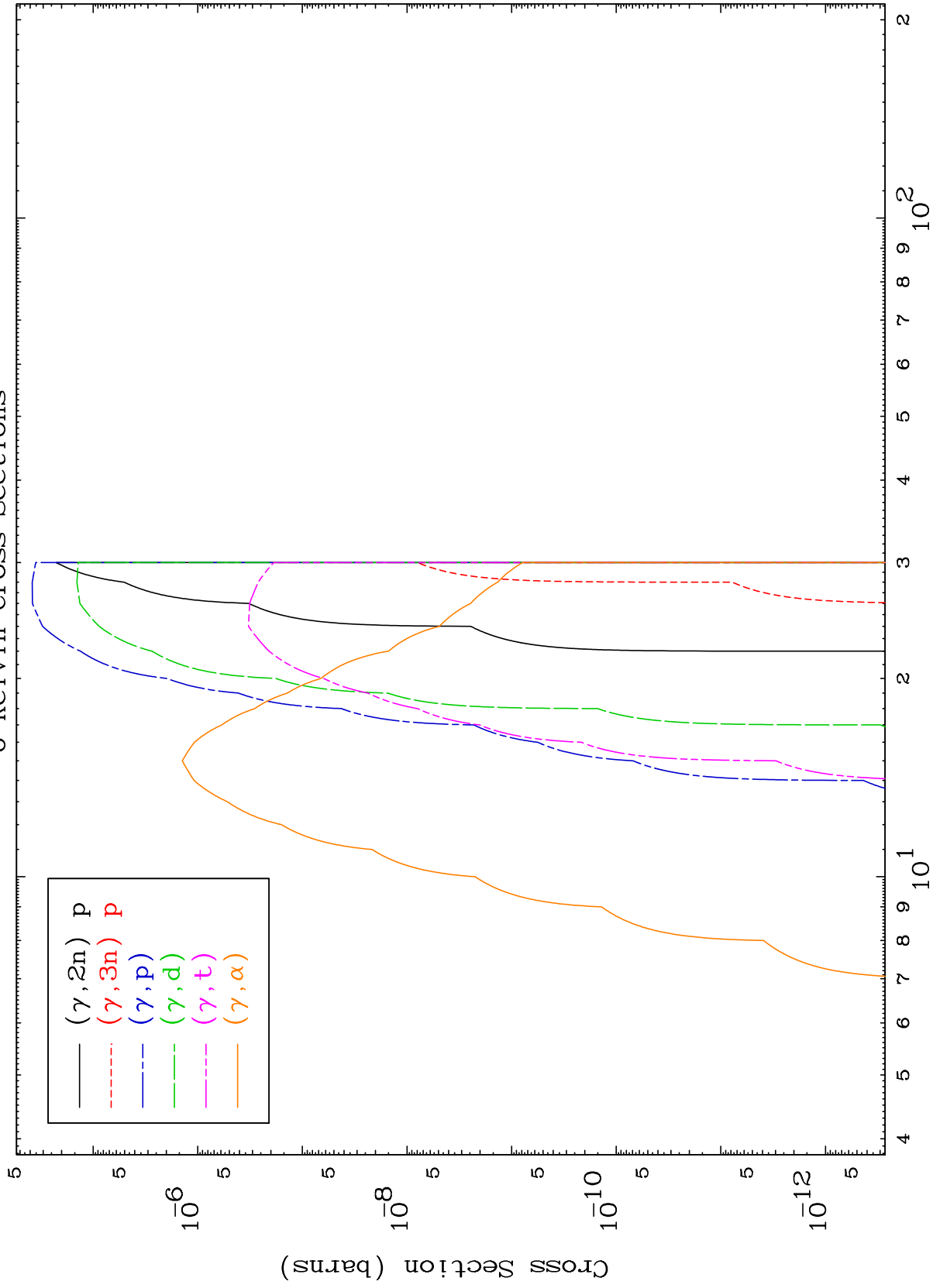
Incident Energy (MeV)

54-Xe-140

MAT 5473

Photon Charged Particle
0 Kelvin Cross Sections

54-Xe-140

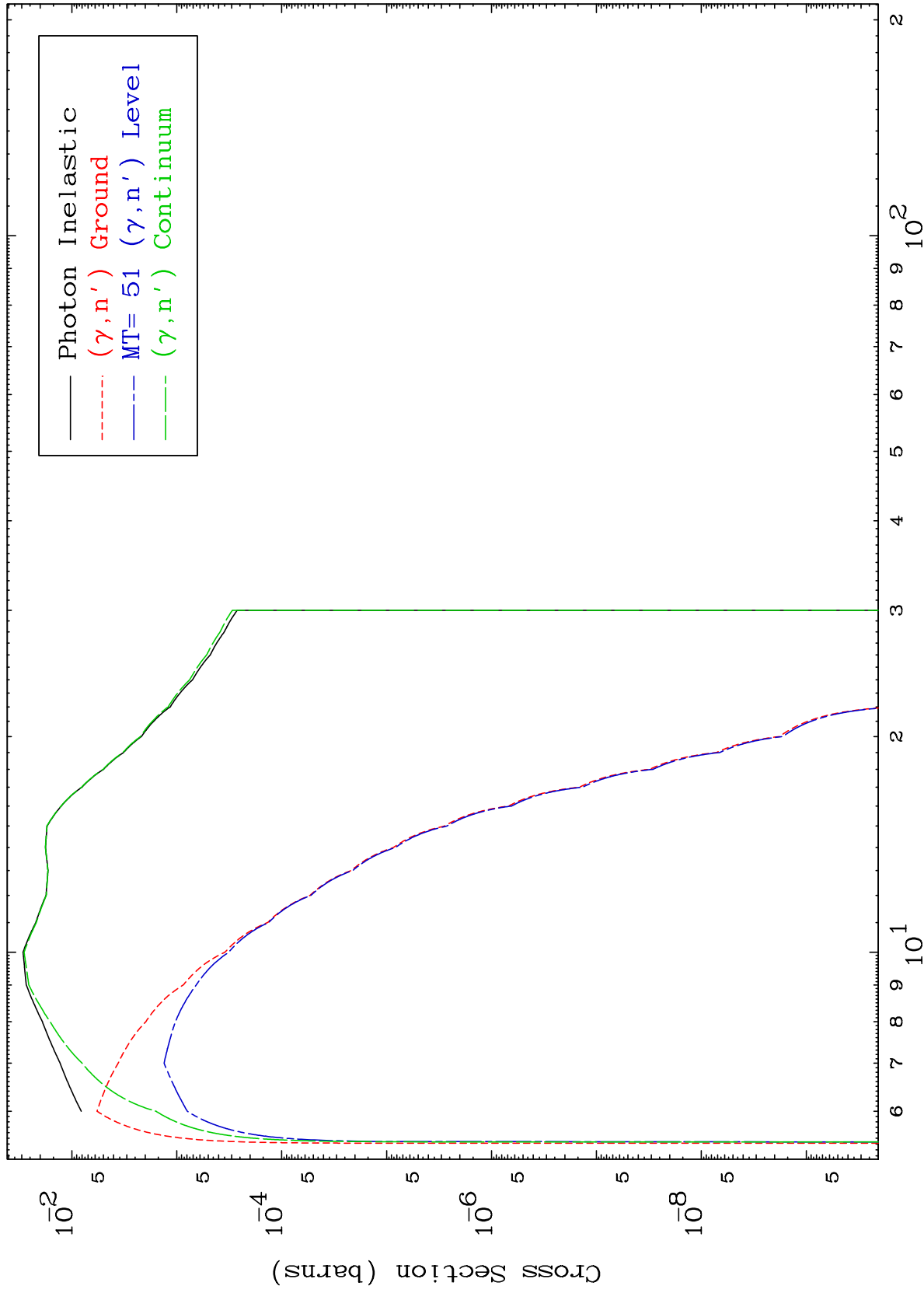


MAT 5473

(γ, n') Level

54-Xe-140

0 Kelvin Cross Sections



5

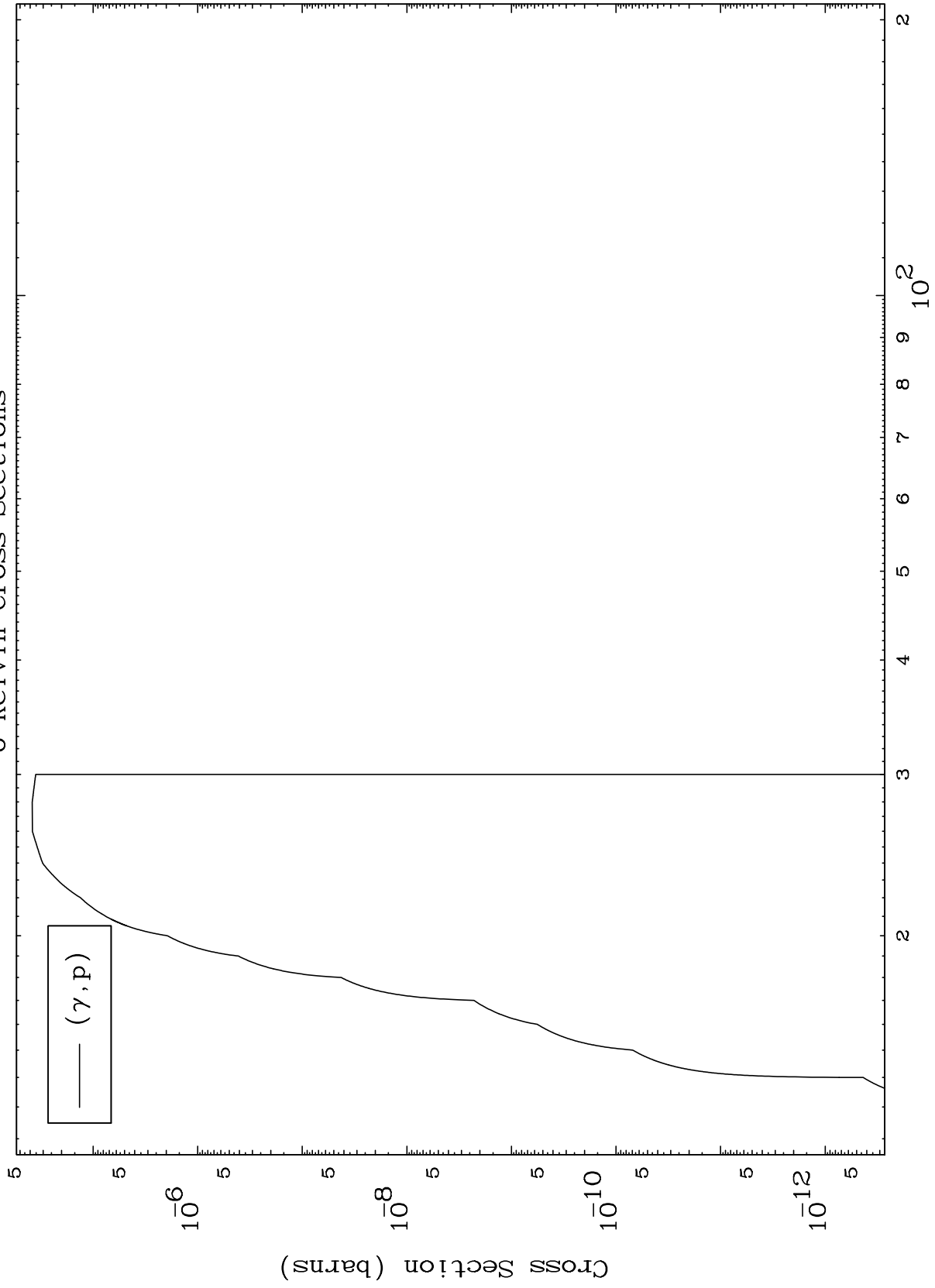
Incident Energy (MeV)

54-Xe-140

MAT 5473

(γ, p) Levels
0 Kelvin Cross Sections

54-Xe-140



6

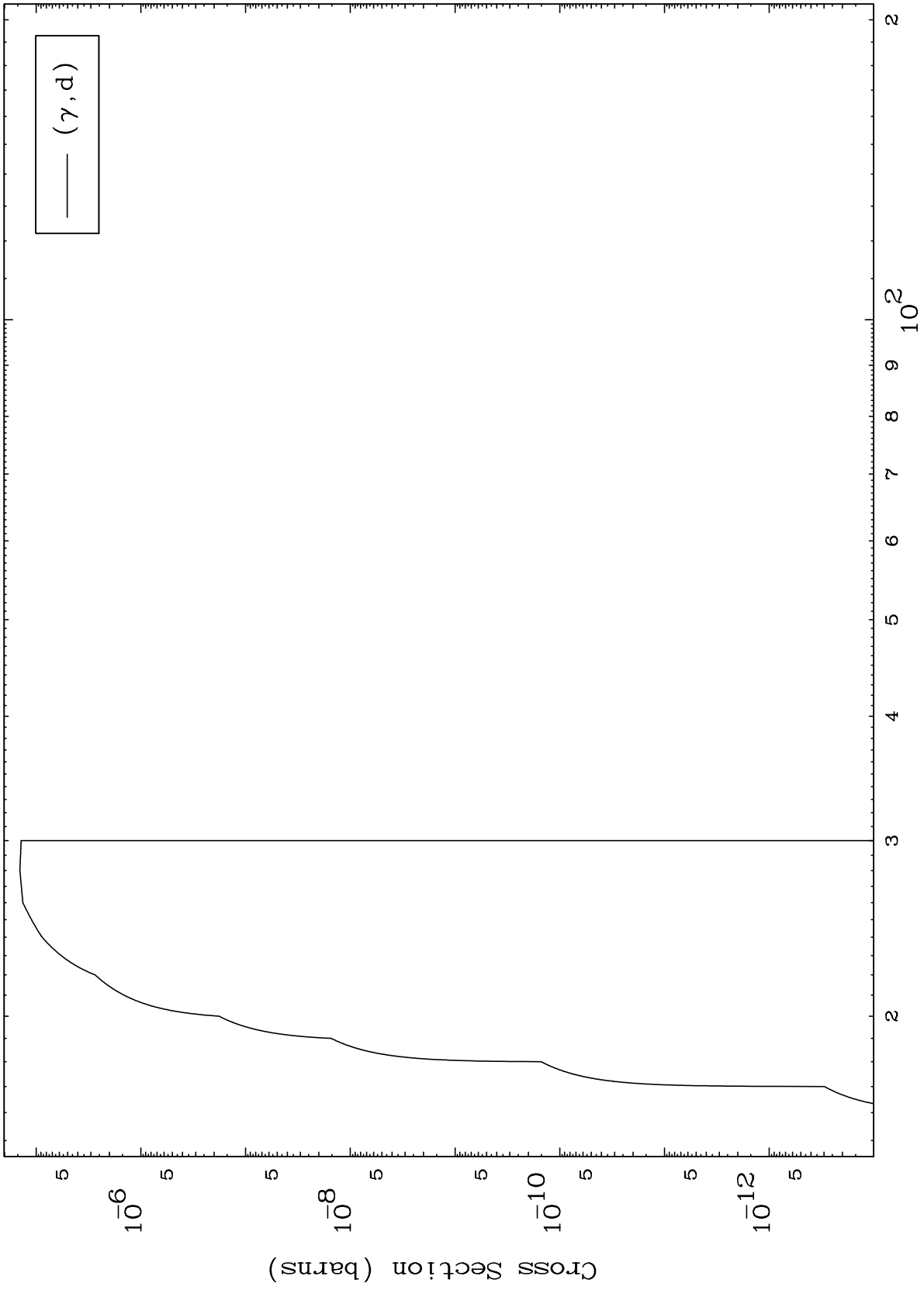
Incident Energy (MeV)

54-Xe-140

MAT 5473

(γ, d) Levels
0 Kelvin Cross Sections

54-Xe-140



7

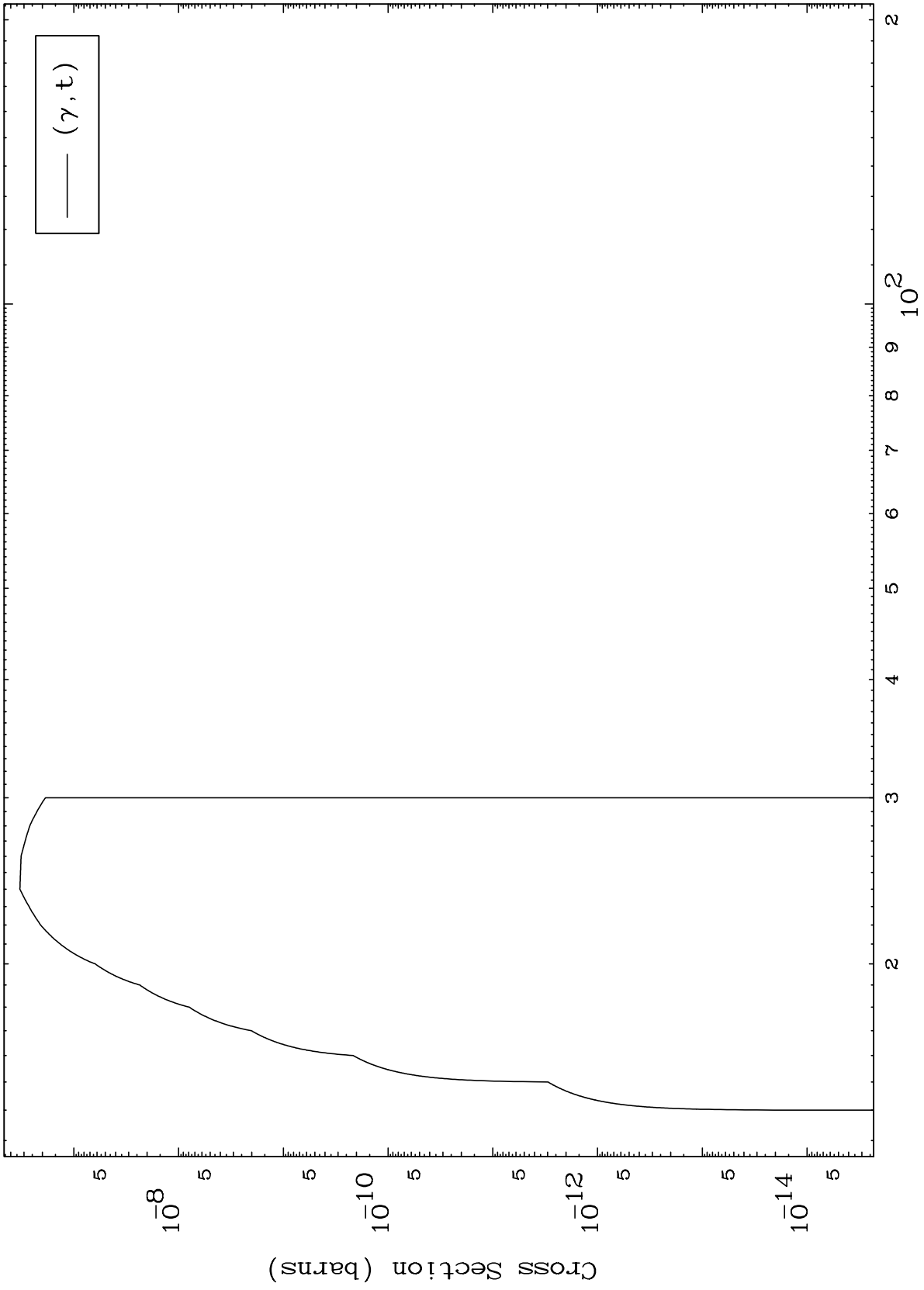
Incident Energy (MeV)

54-Xe-140

MAT 5473

(γ, t) Levels
0 Kelvin Cross Sections

54-Xe-140



8

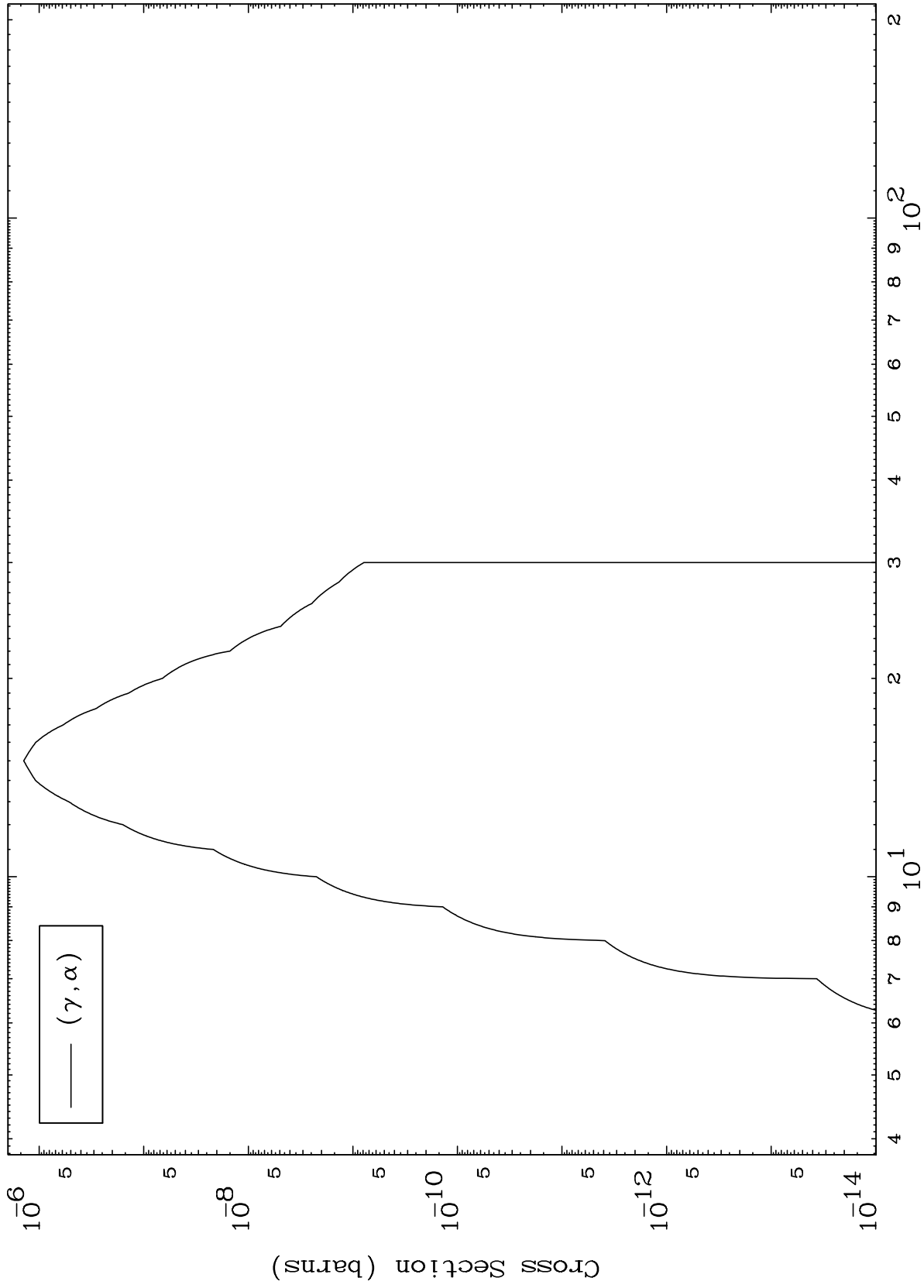
Incident Energy (MeV)

54-Xe-140

MAT 5473

(γ, α) Levels
0 Kelvin Cross Sections

54-Xe-140



9

Incident Energy (MeV)

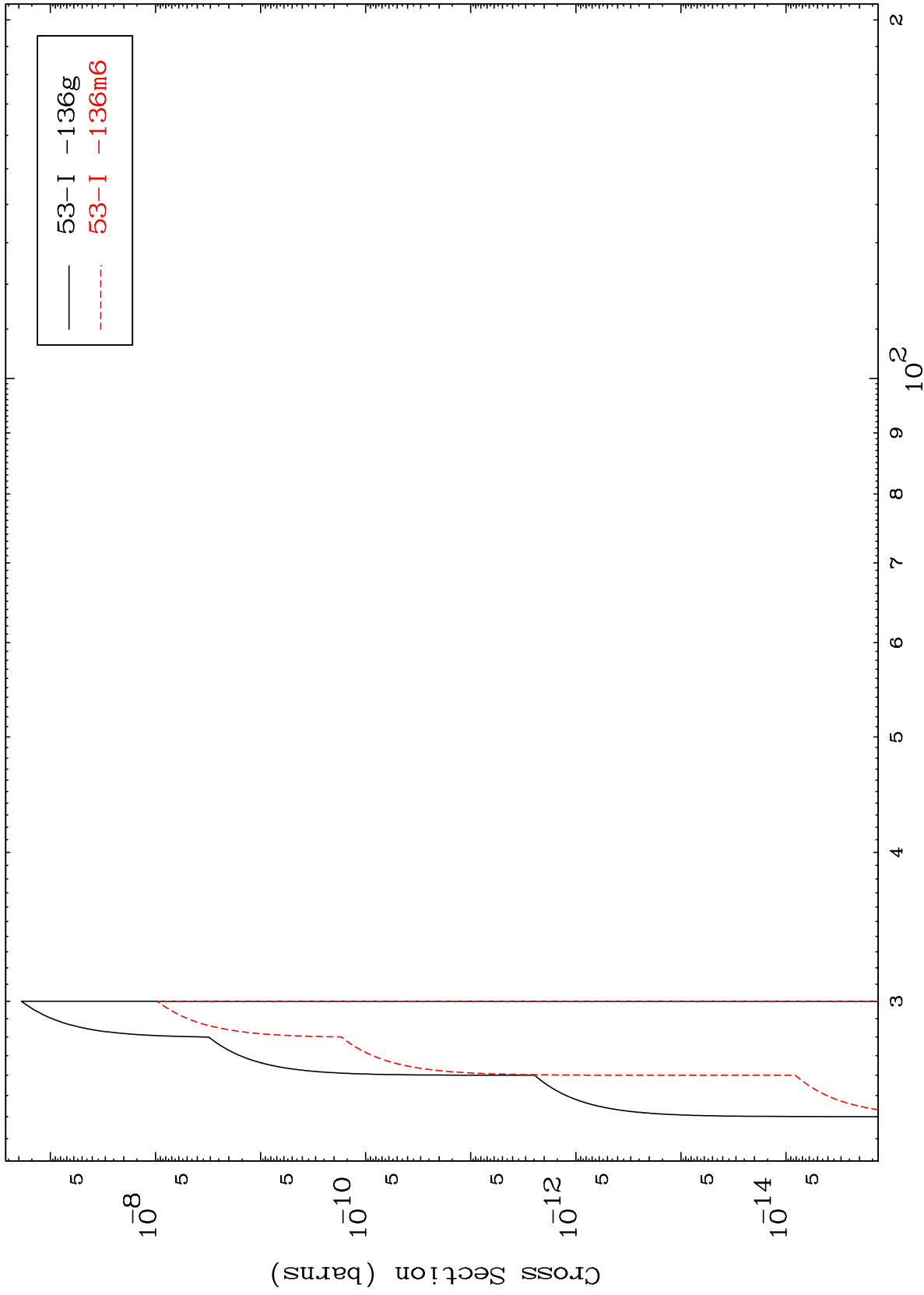
54-Xe-140

MAT 5473

($\gamma, 2n$) d

54-Xe-140

Radionuclide Production Cross Section



10

Incident Energy (MeV)

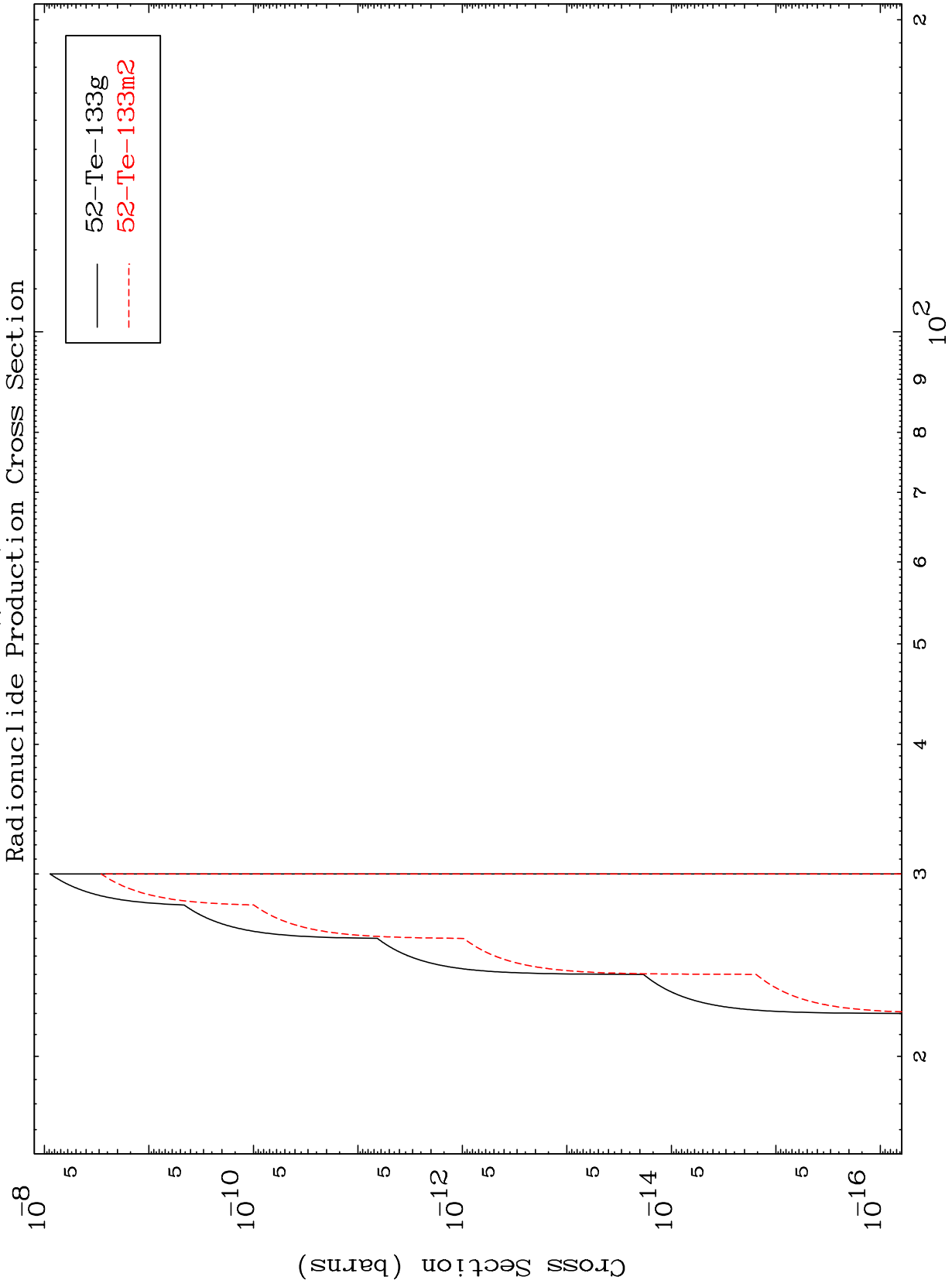
10^2

54-Xe-140

MAT 5473

$(\gamma, 3n) \alpha$

54-Xe-140



11

Incident Energy (MeV)

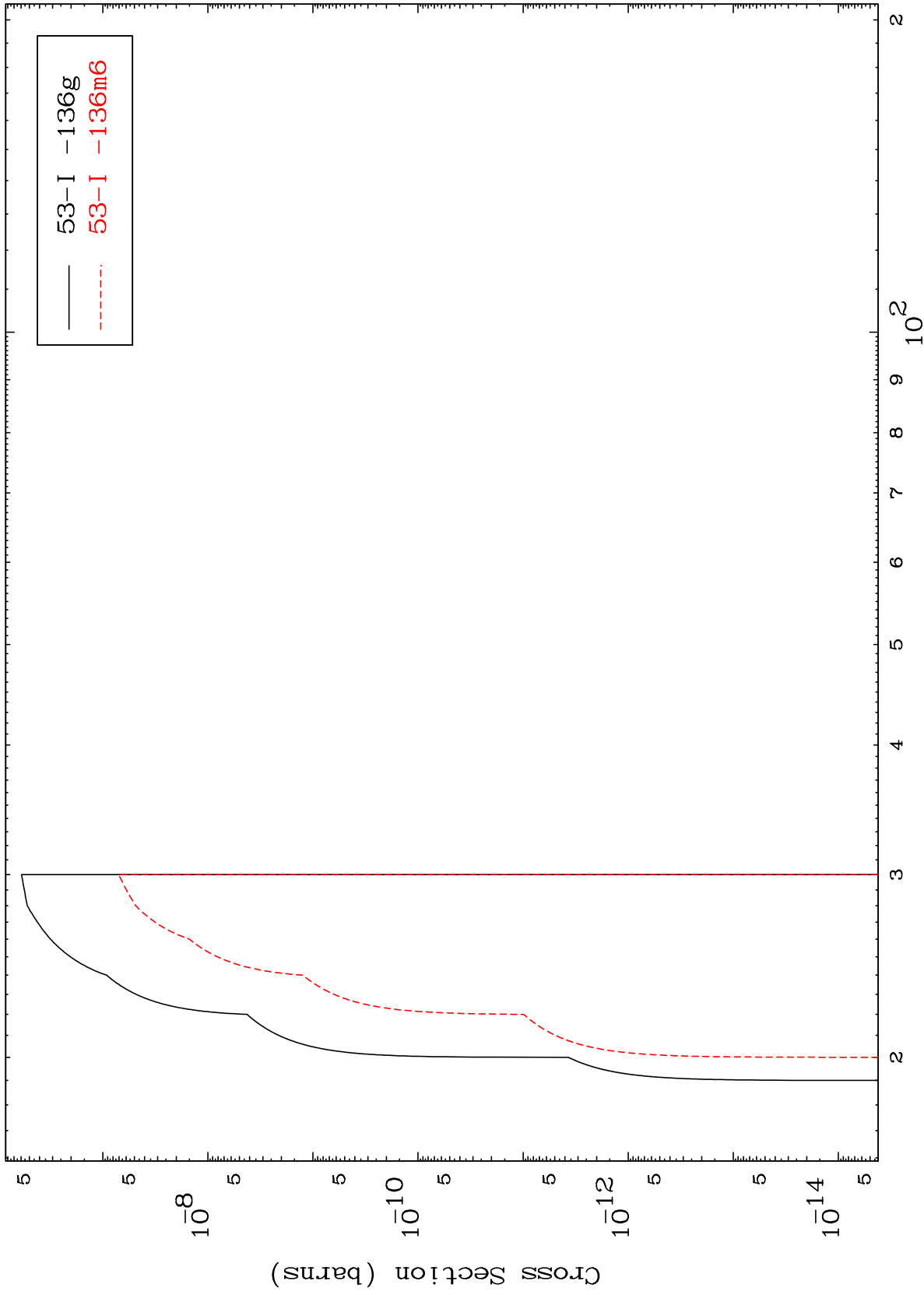
54-Xe-140

MAT 5473

(γ, n') t

54-Xe-140

Radionuclide Production Cross Section



12

Incident Energy (MeV)

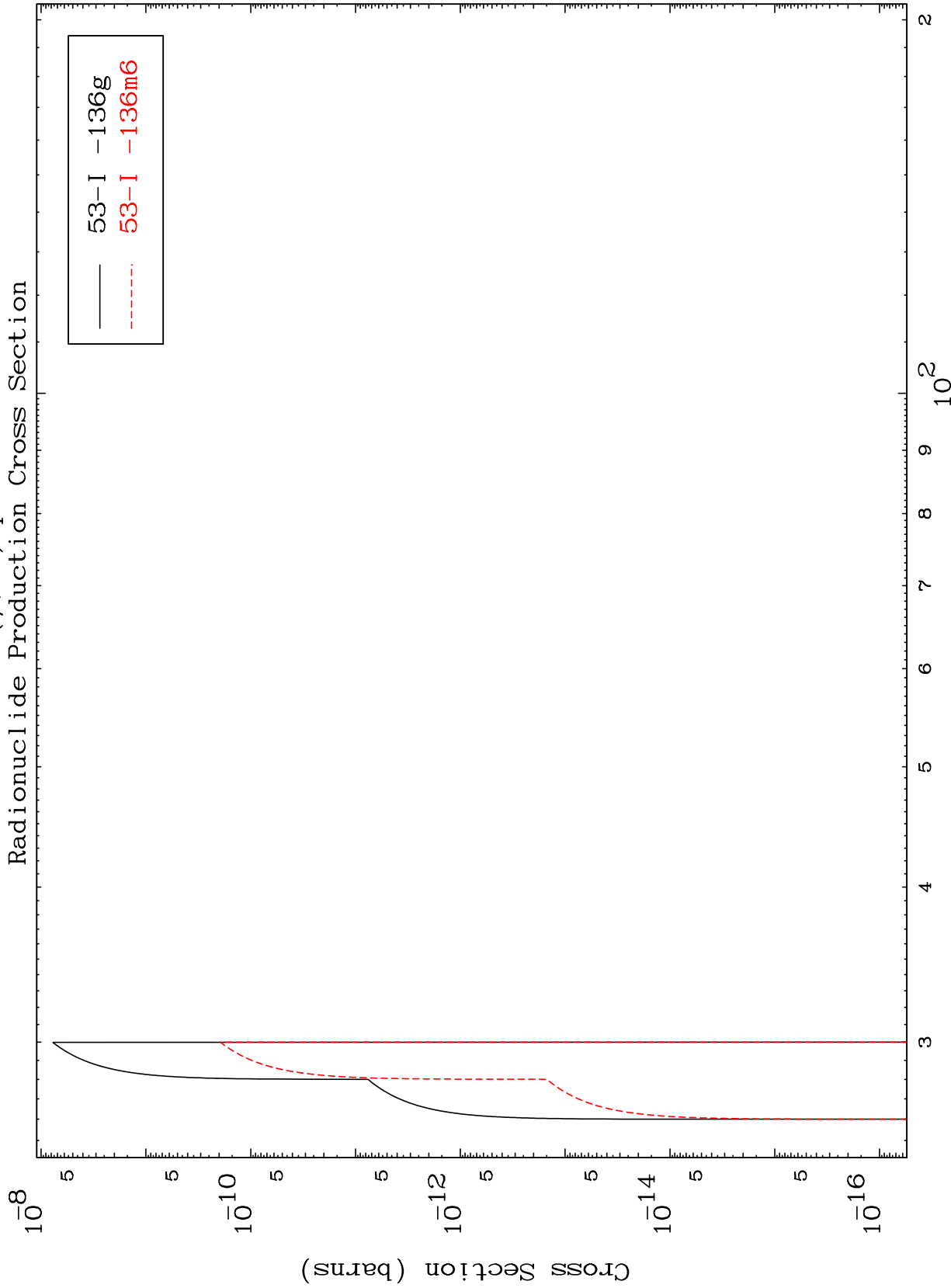
54-Xe-140

MAT 5473

($\gamma, 3n$) p

54-Xe-140

Radionuclide Production Cross Section



53-I -136g
53-I -136m6

13

Incident Energy (MeV)

54-Xe-140