

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

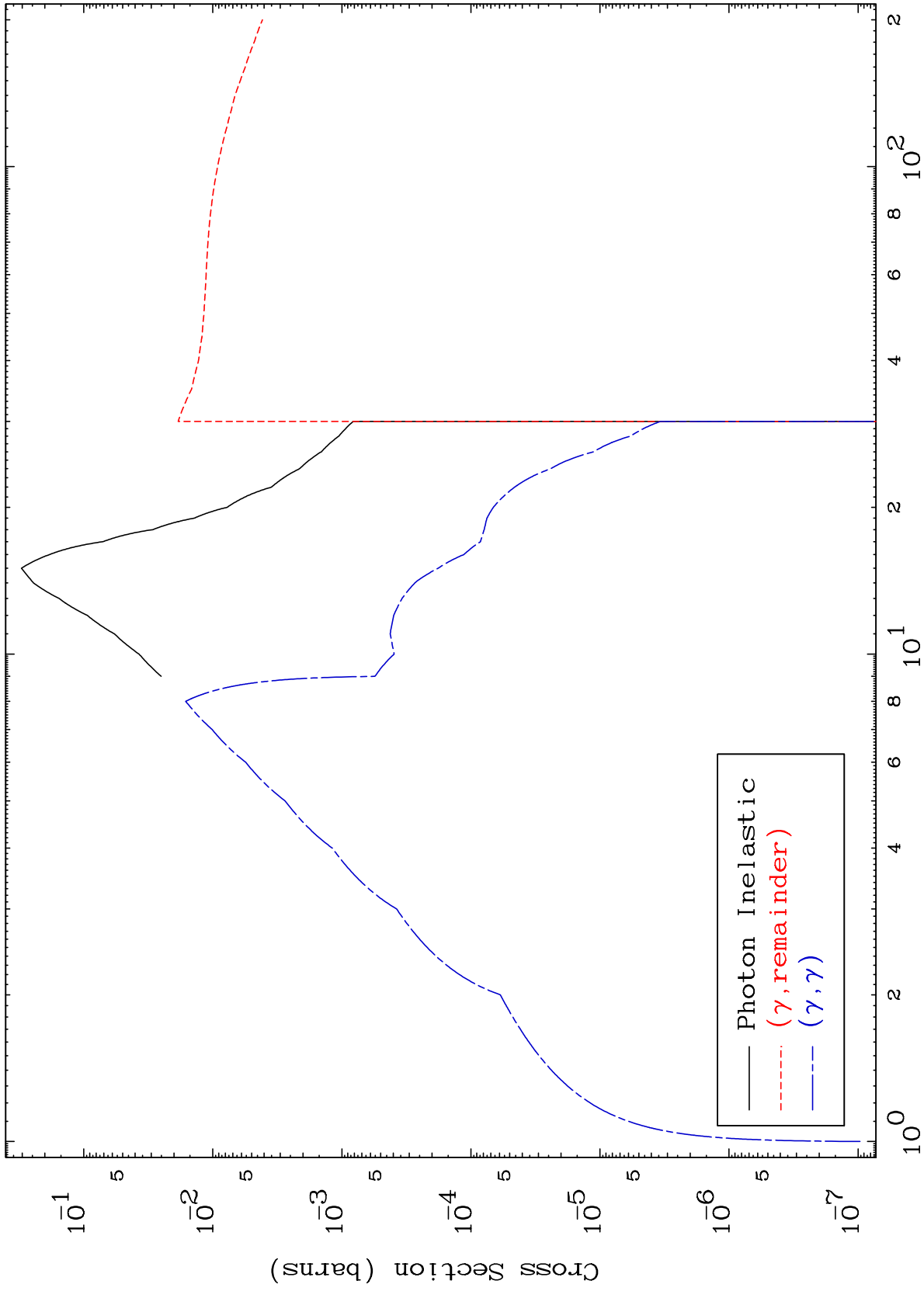
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5455

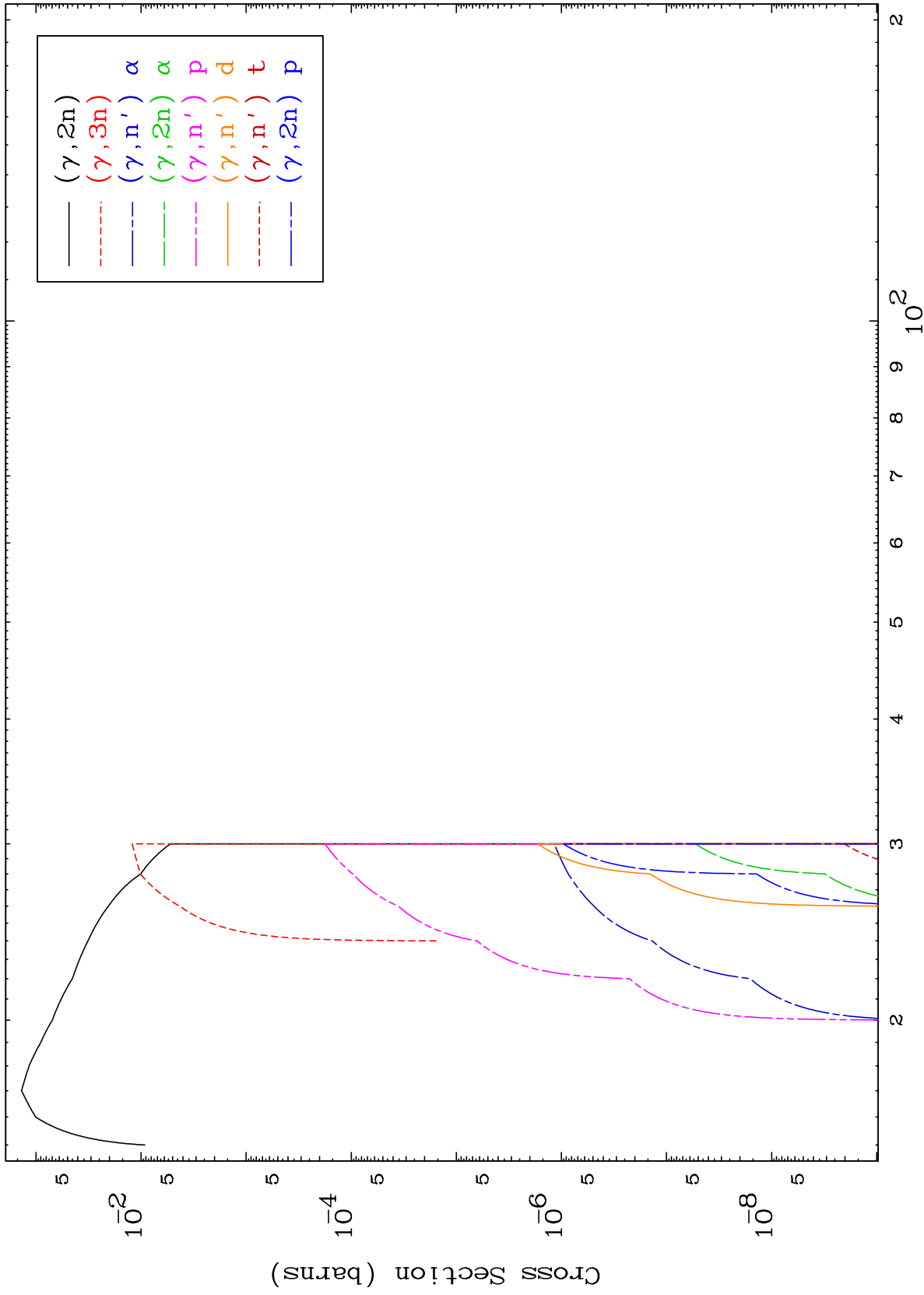
Photon Major  
0 Kelvin Cross Sections

54-Xe-134



Incident Energy (MeV)

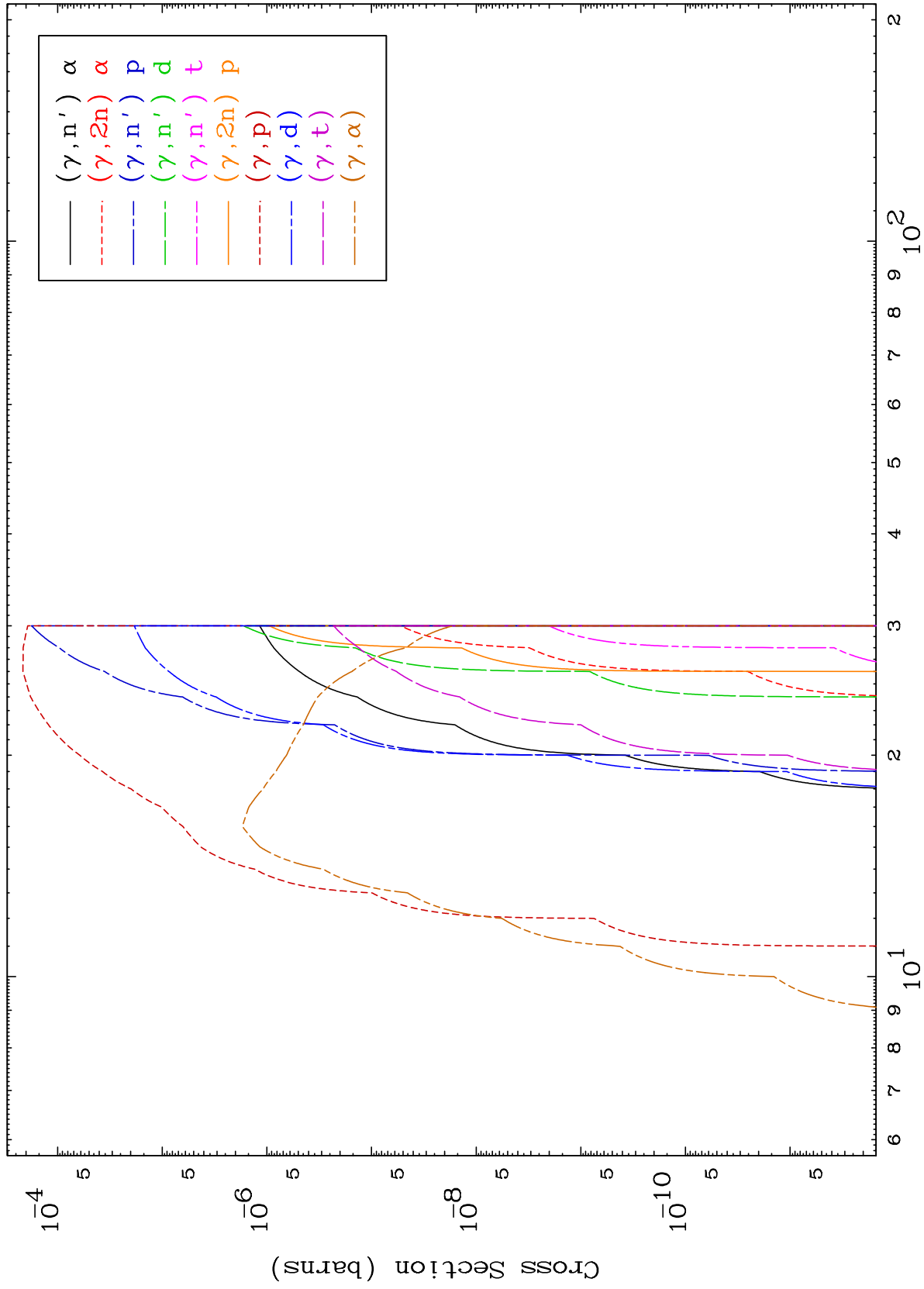
54-Xe-134



MAT 5455

Photon Charged Particle  
0 Kelvin Cross Sections

54-Xe-134



3

Incident Energy (MeV)

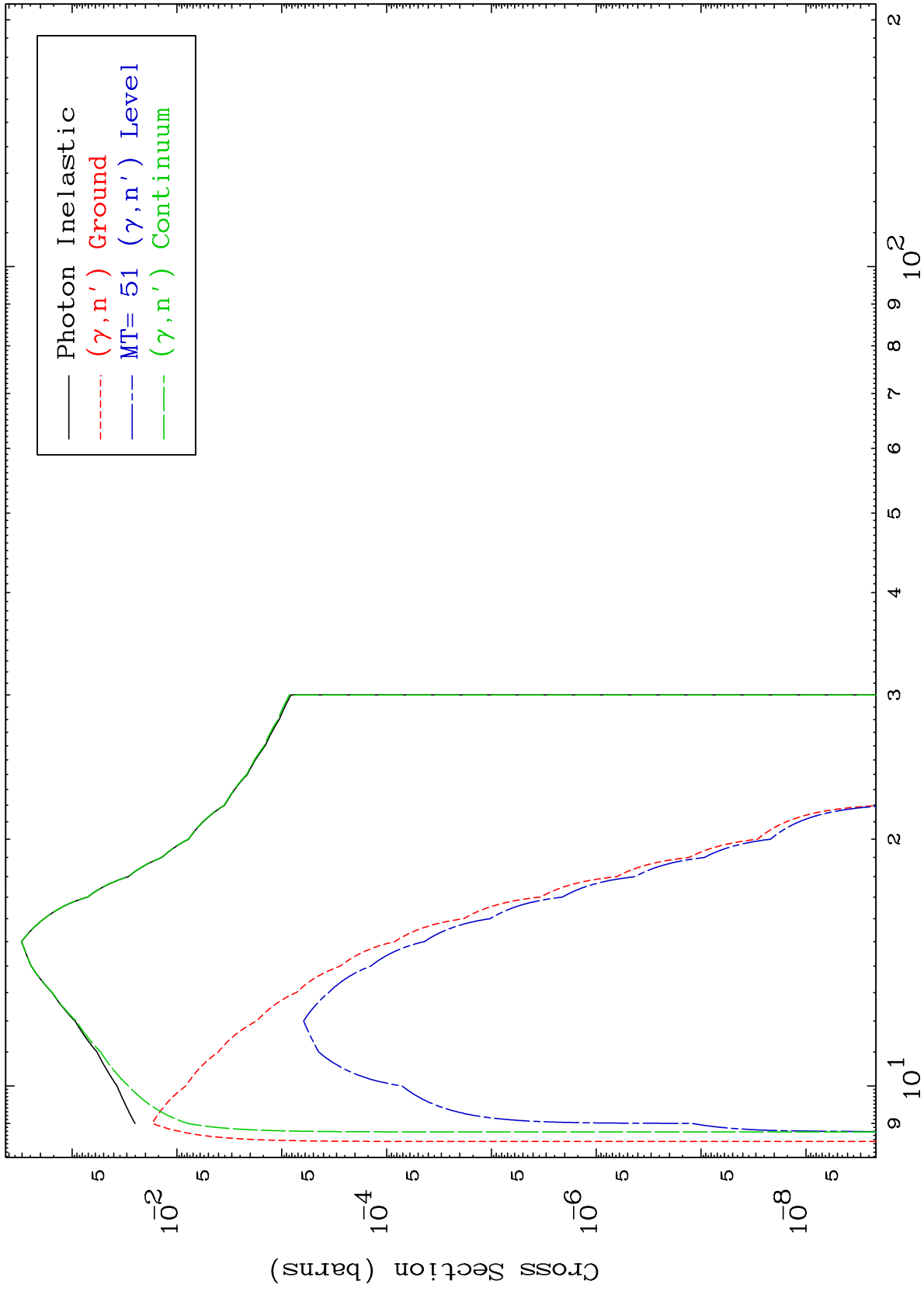
54-Xe-134

MAT 5455

$(\gamma, n')$  Level

54-Xe-134

0 Kelvin Cross Sections



4

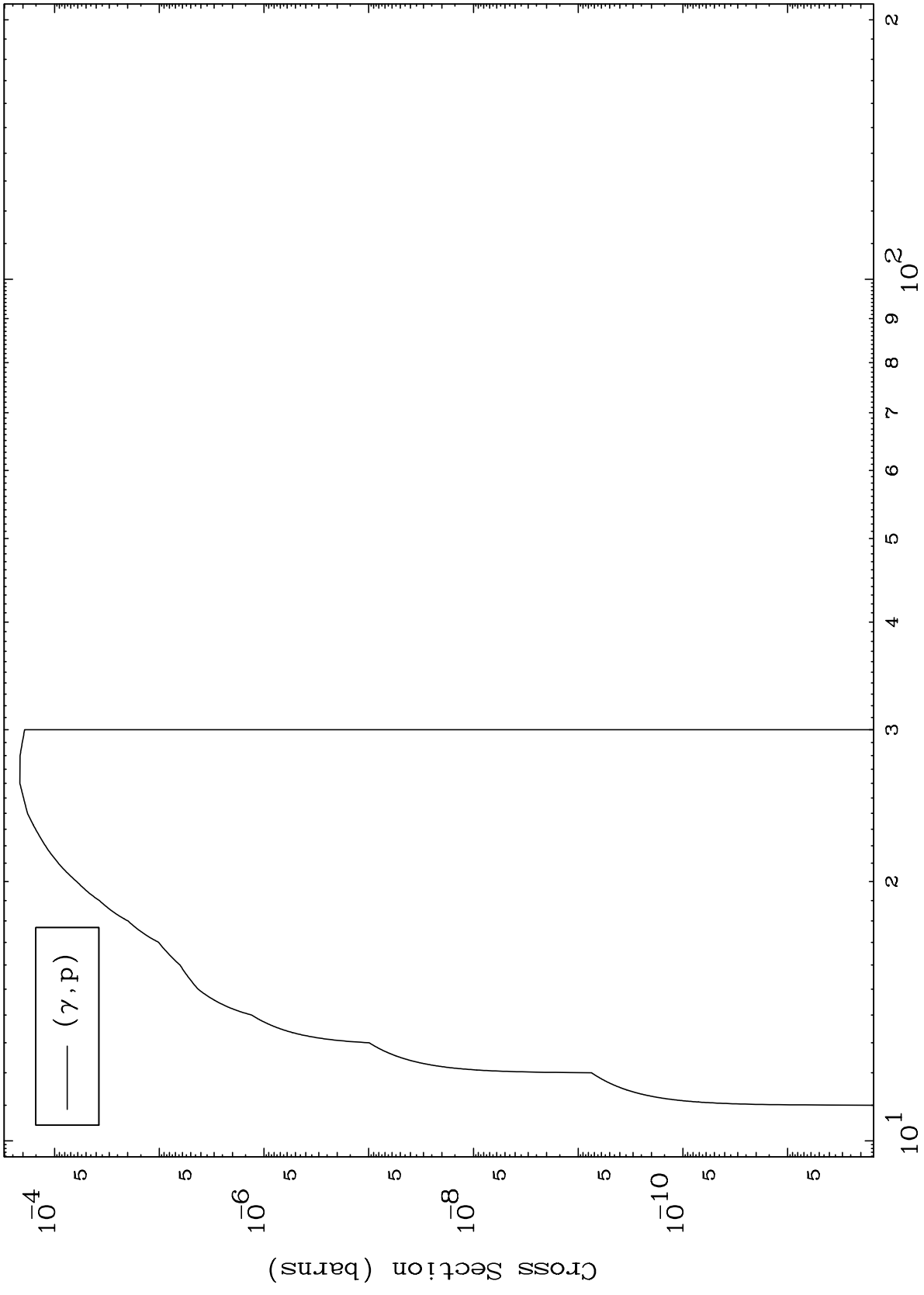
Incident Energy (MeV)

54-Xe-134

MAT 5455

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

54-Xe-134



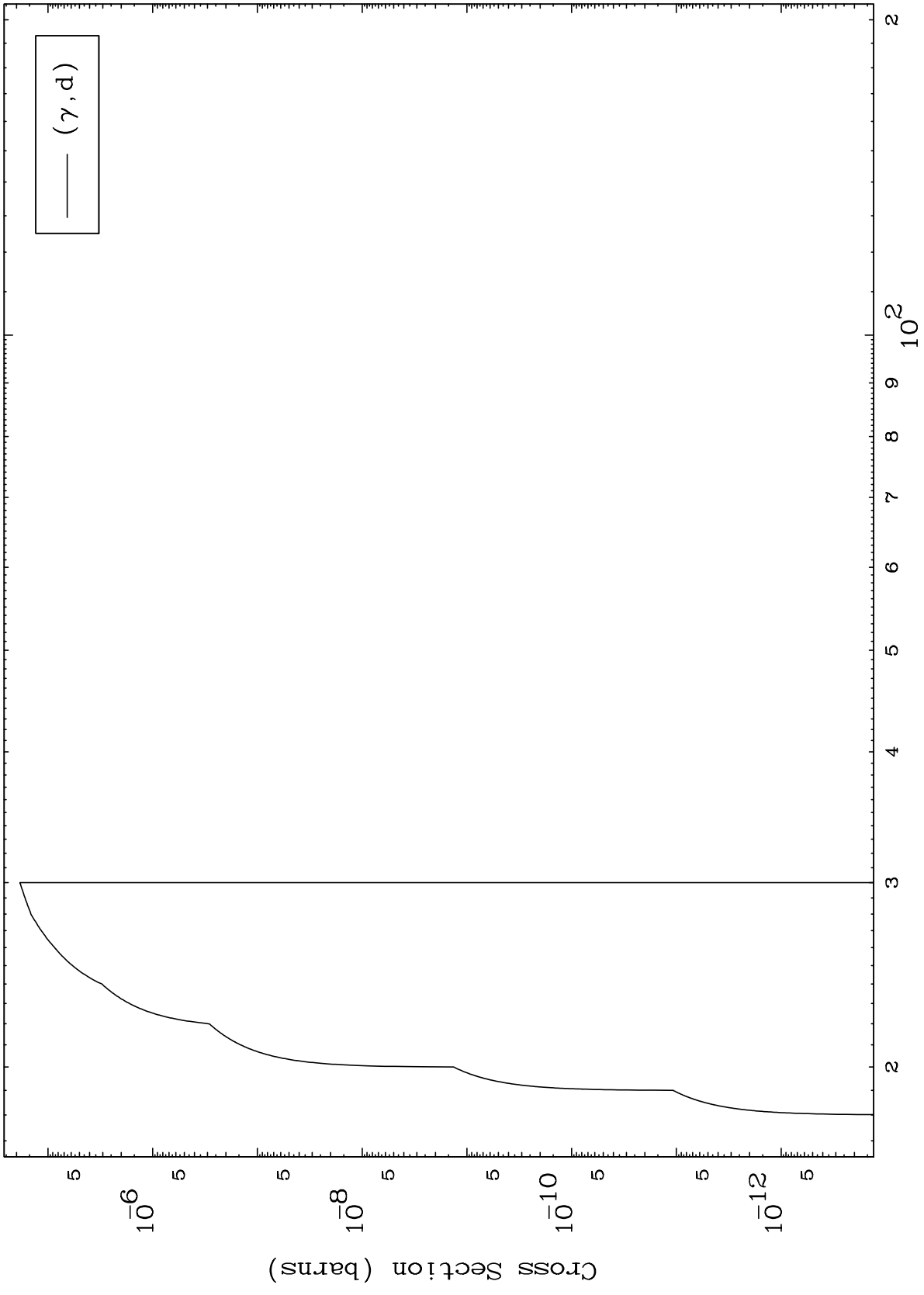
Incident Energy (MeV)

54-Xe-134

MAT 5455

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

54-Xe-134



6

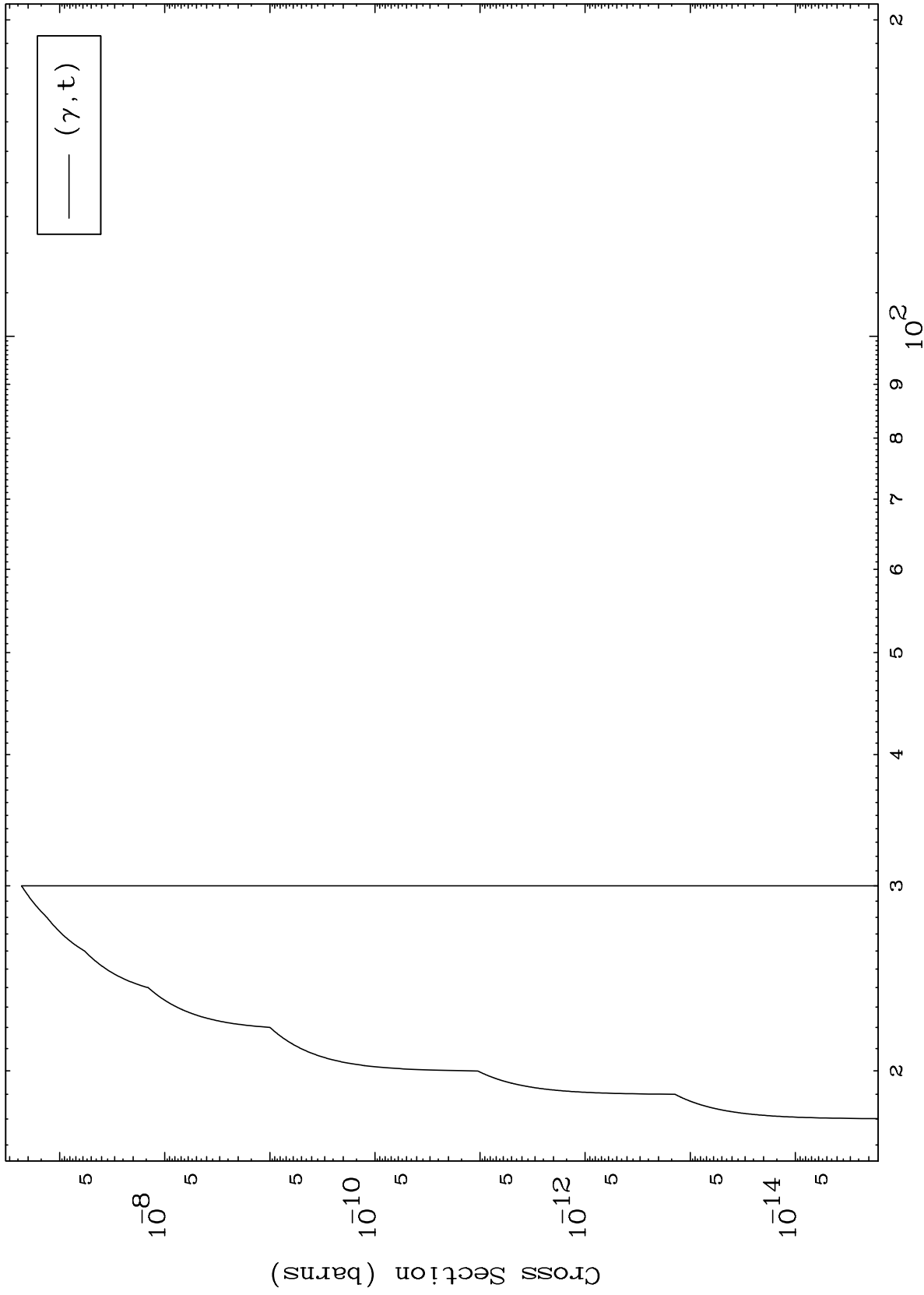
Incident Energy (MeV)

54-Xe-134

MAT 5455

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

54-Xe-134



7

Incident Energy (MeV)

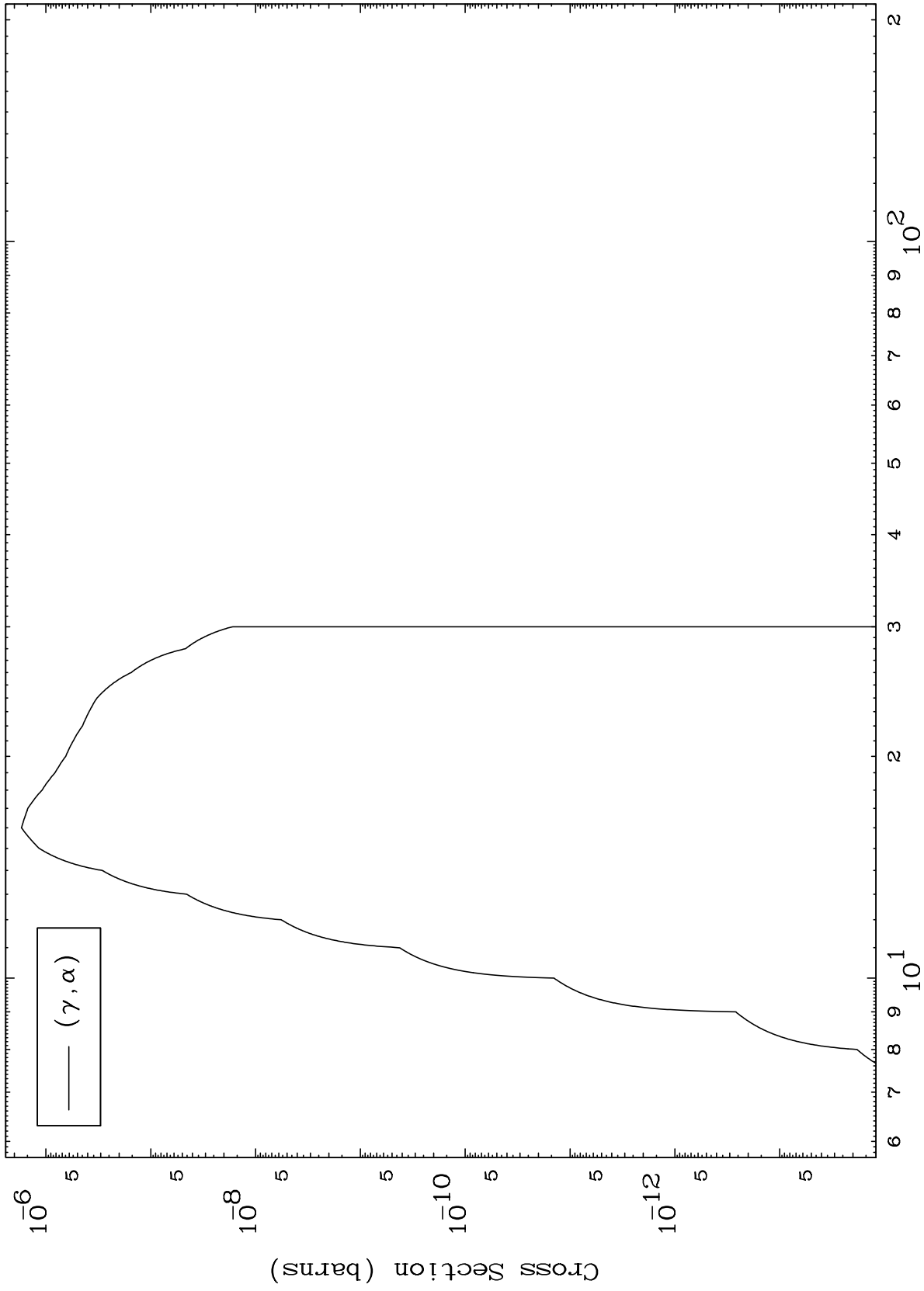
54-Xe-134



MAT 5455

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

54-Xe-134



8

Incident Energy (MeV)

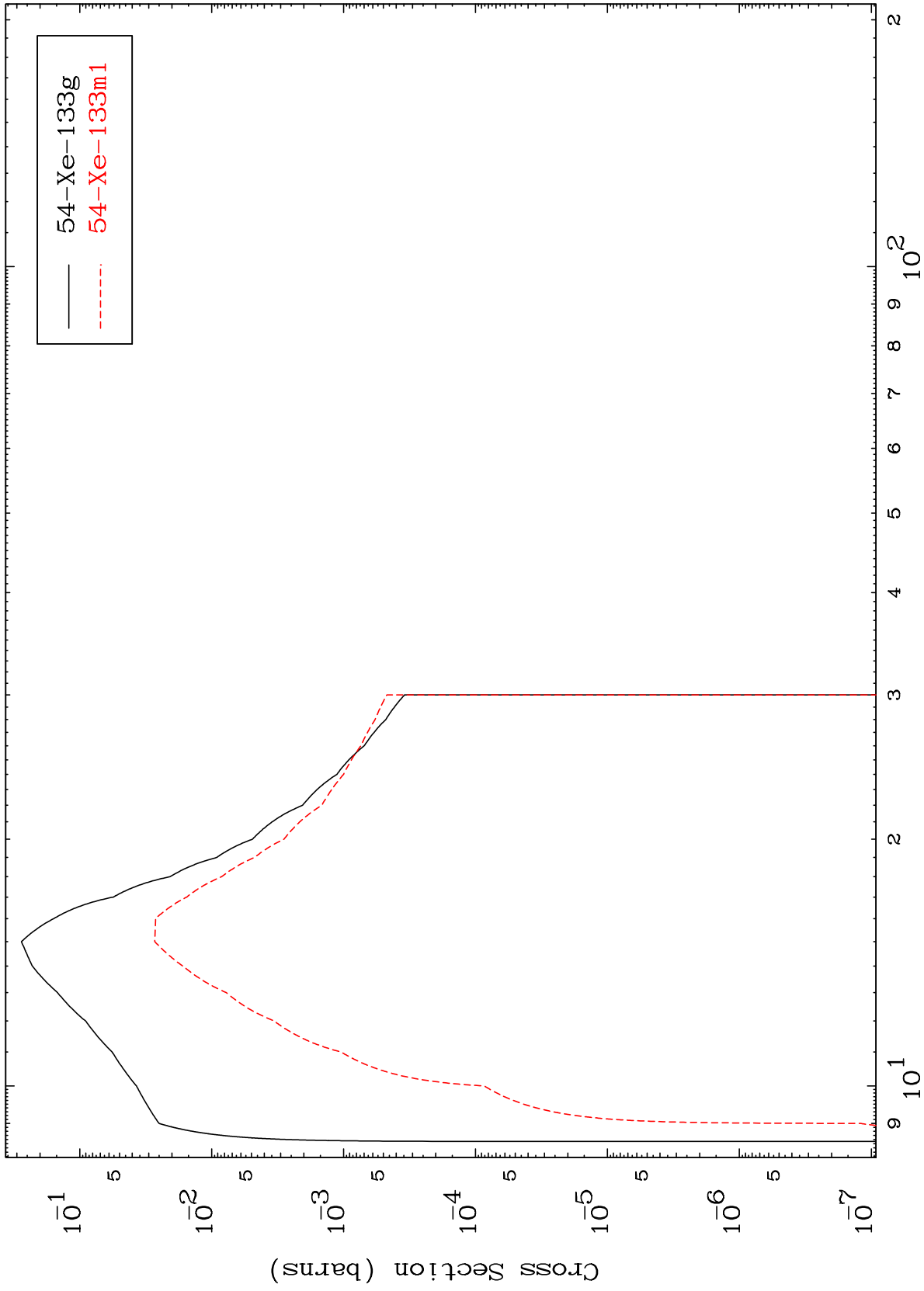
54-Xe-134

MAT 5455

Photon Inelastic

54-Xe-134

Radionuclide Production Cross Section



9

Incident Energy (MeV)

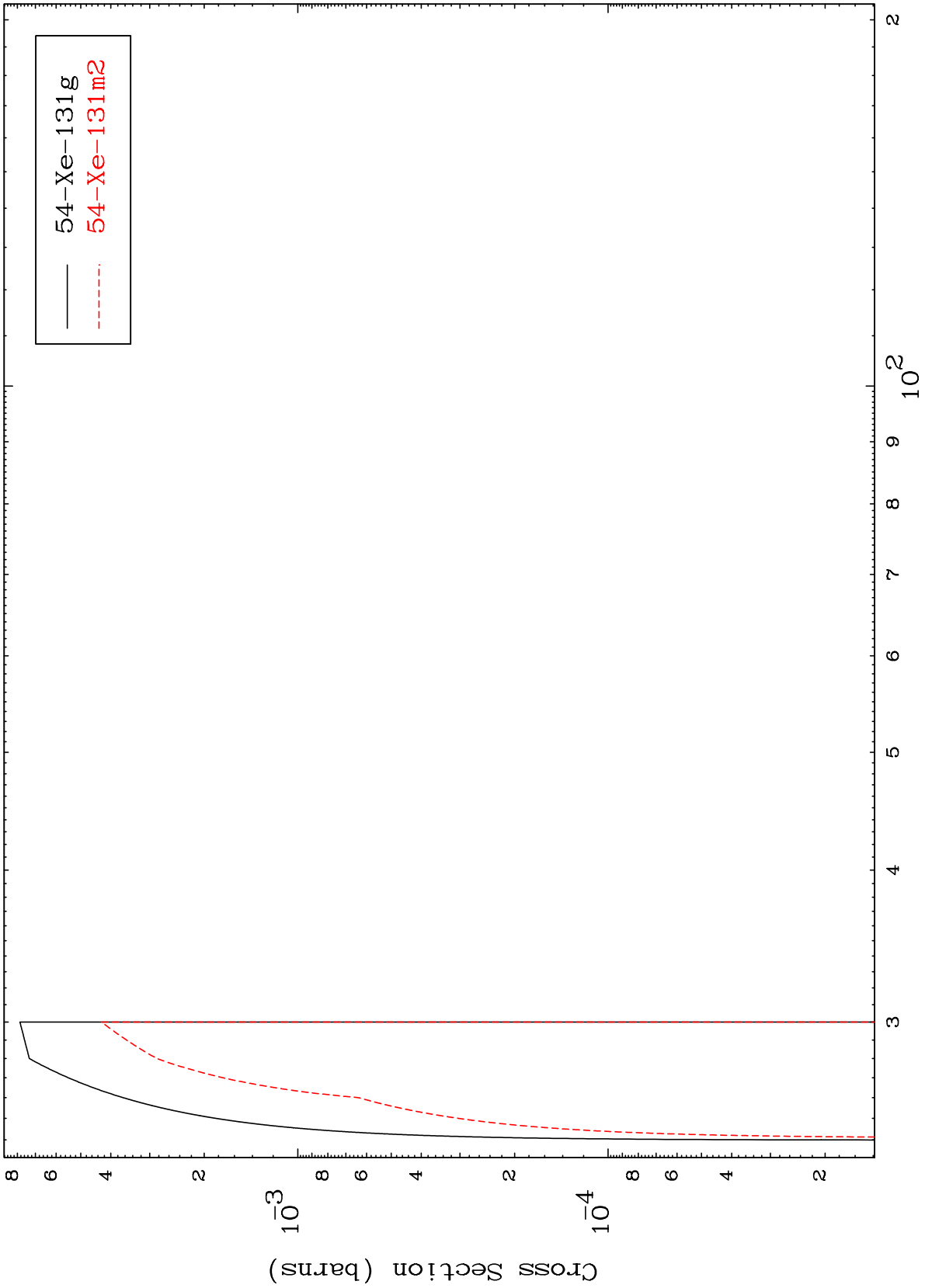
54-Xe-134

MAT 5455

( $\gamma, 3n$ )

54-Xe-134

Radionuclide Production Cross Section



54-Xe-131g  
54-Xe-131m2

10

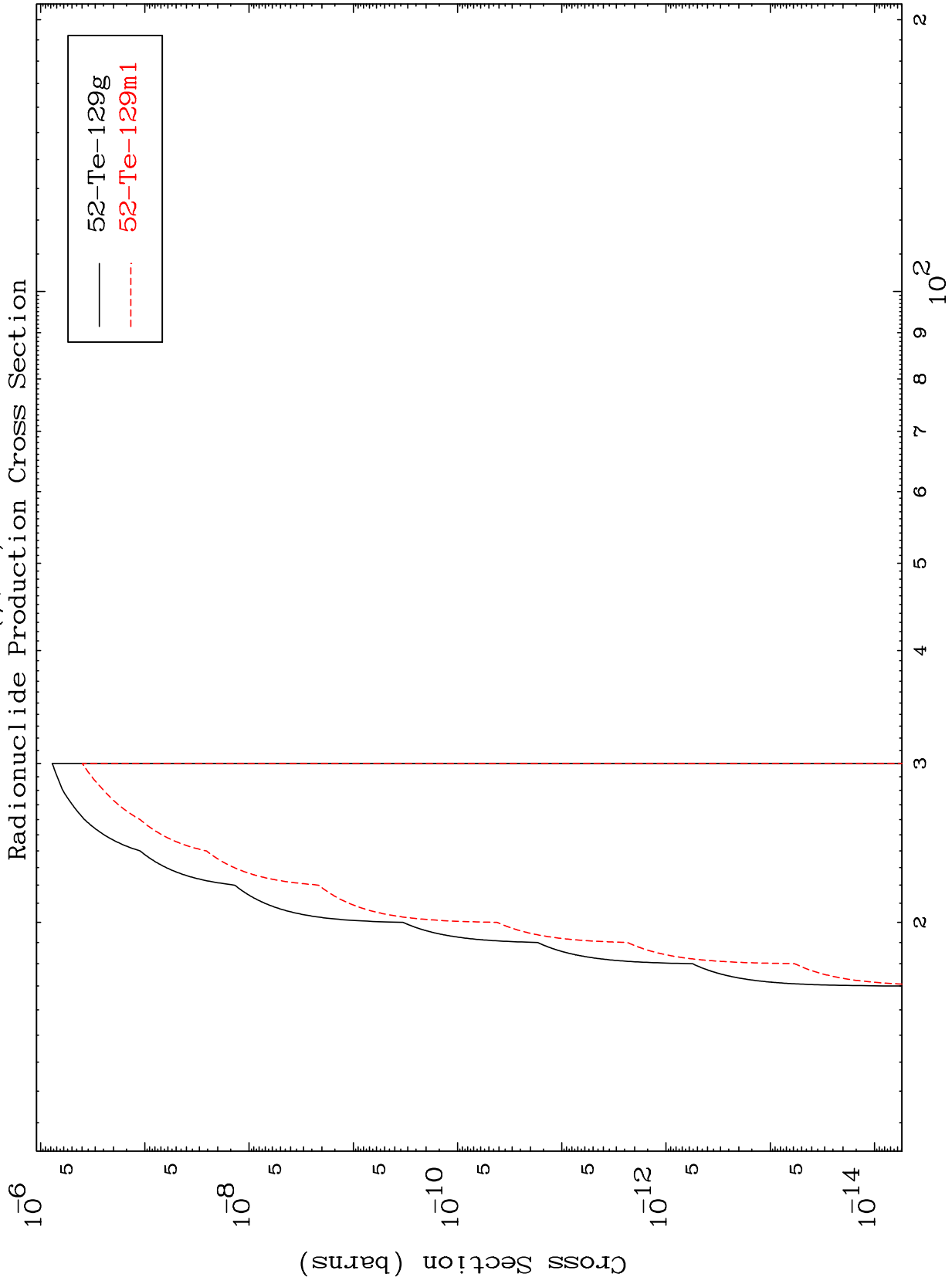
Incident Energy (MeV)

54-Xe-134

MAT 5455

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

54-Xe-134



11

Incident Energy (MeV)

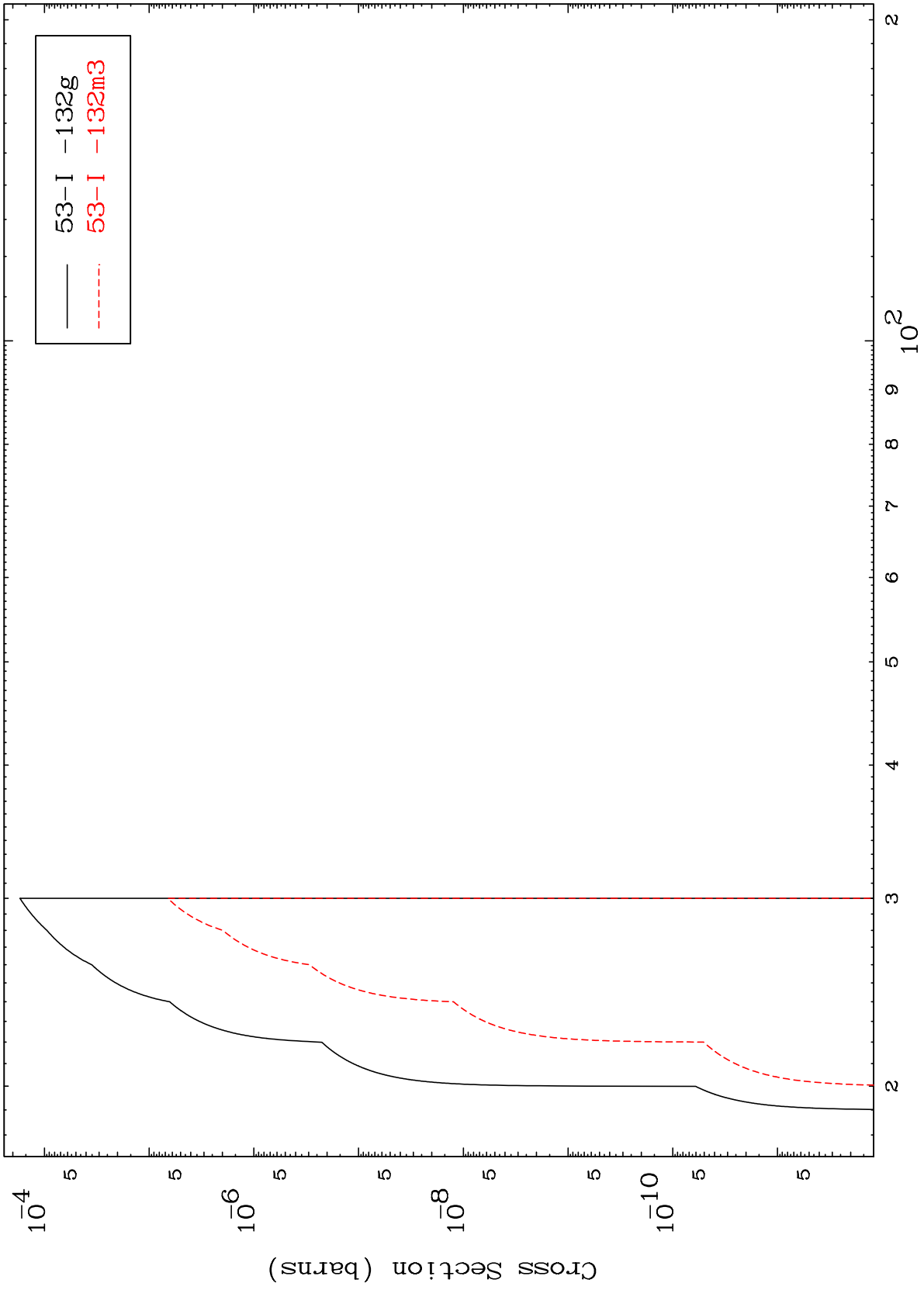
54-Xe-134

MAT 5455

( $\gamma, n'$ ) p

54-Xe-134

Radionuclide Production Cross Section



12

Incident Energy (MeV)

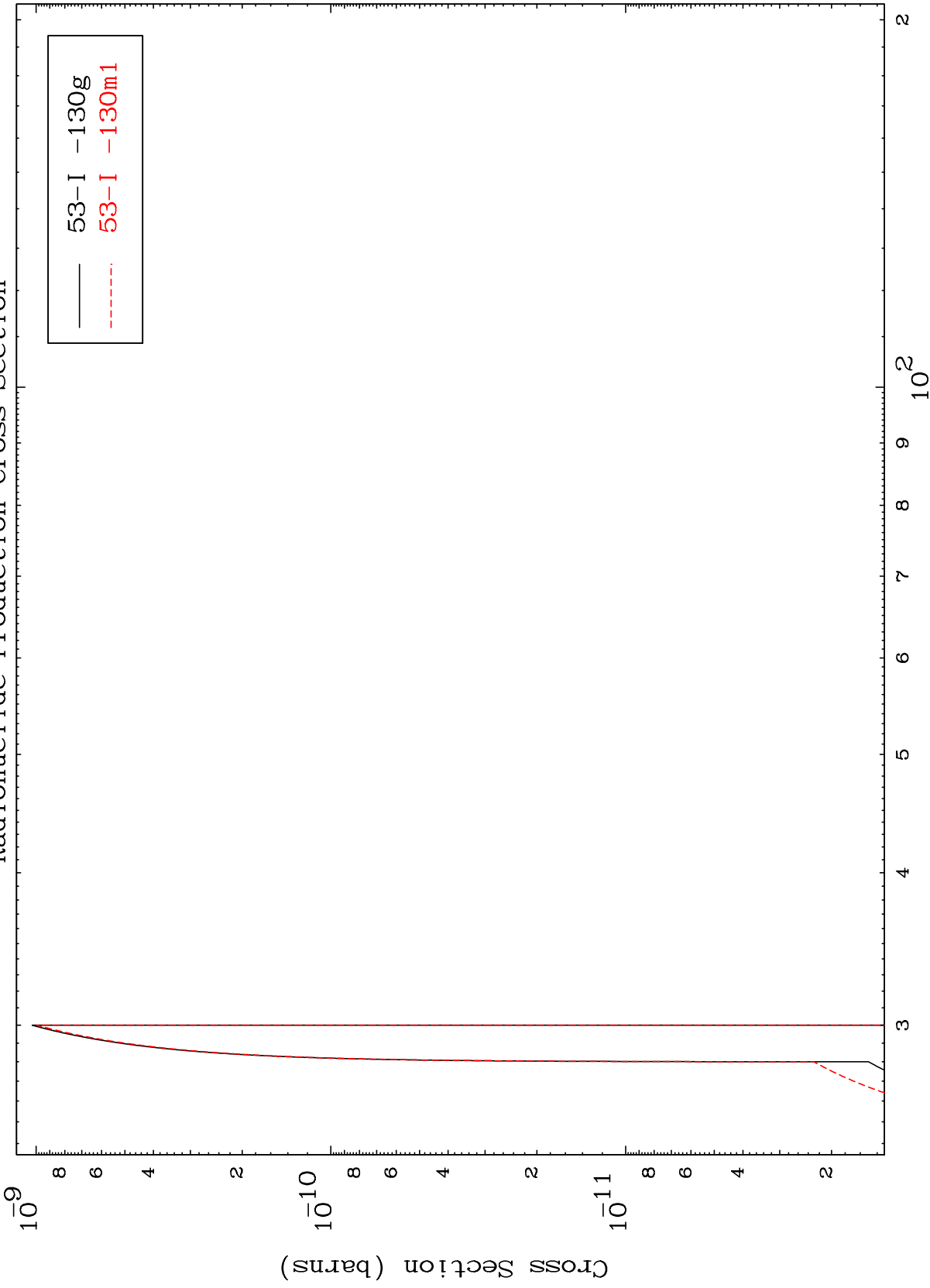
54-Xe-134

MAT 5455

( $\gamma, n'$ ) t

54-Xe-134

Radionuclide Production Cross Section



13

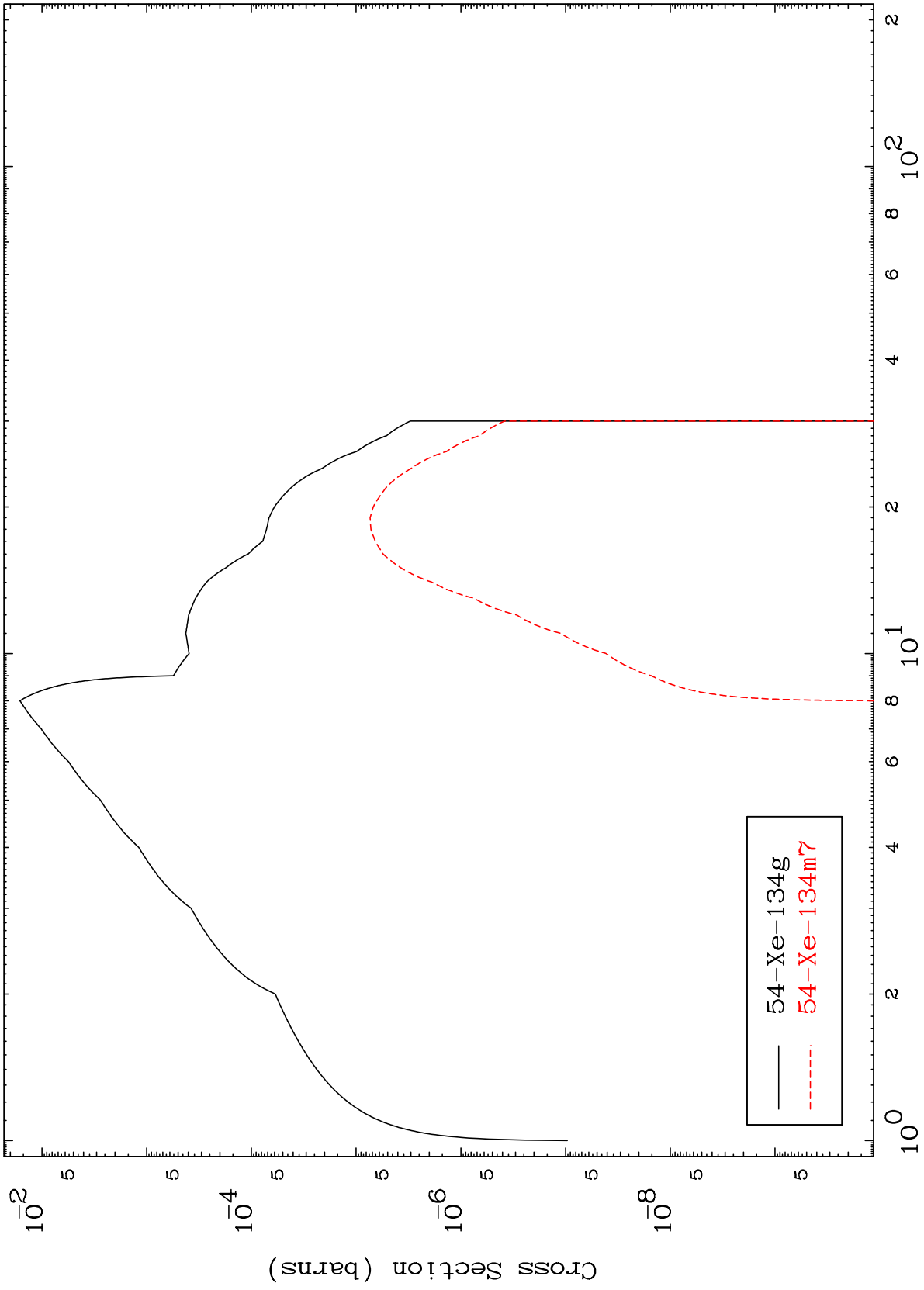
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

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



54-Xe-134

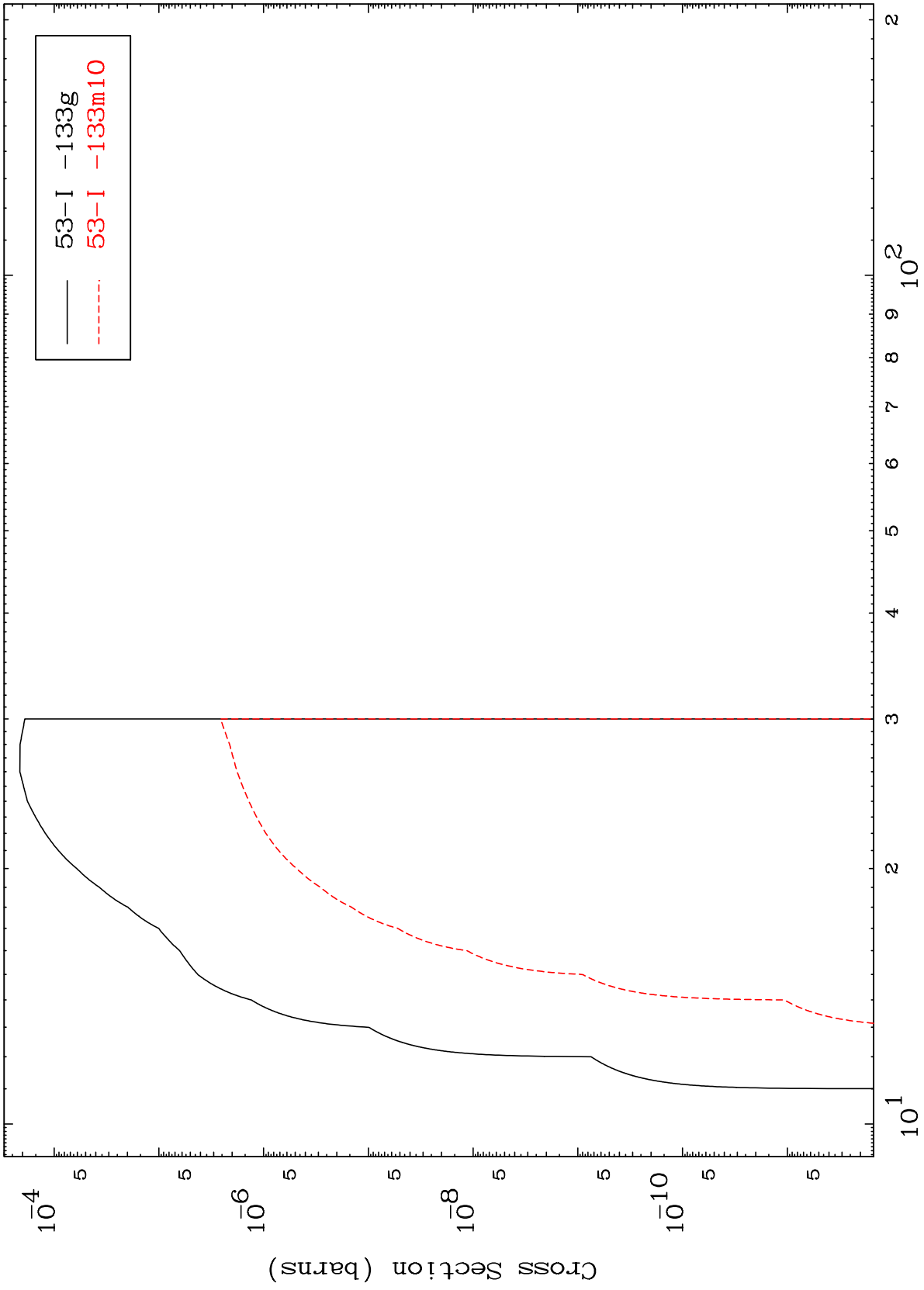
Incident Energy (MeV)

14

MAT 5455

54-Xe-134

Radionuclide Production Cross Section  
( $\gamma, p$ )



54-Xe-134

Incident Energy (MeV)

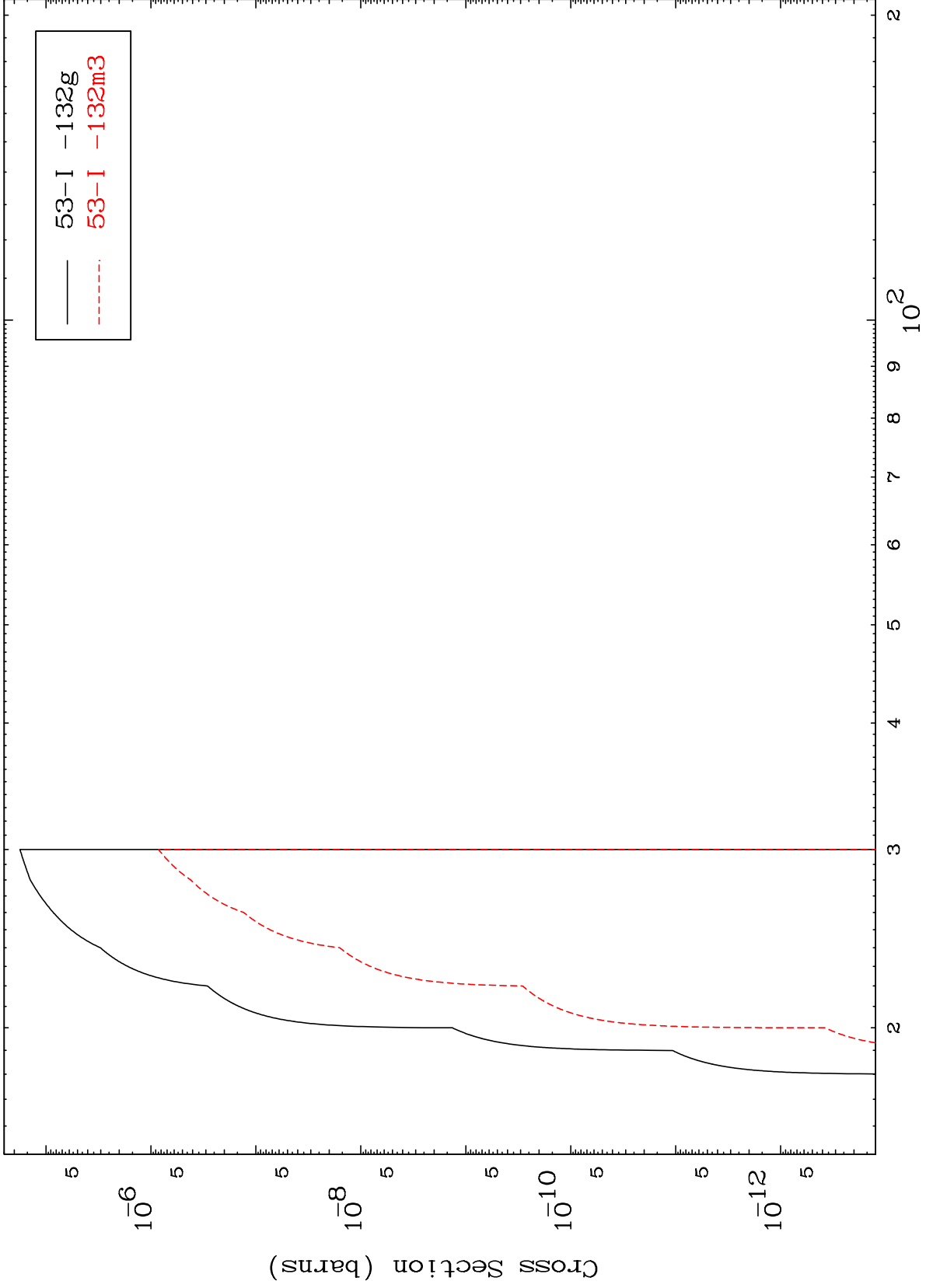


MAT 5455

( $\gamma, d$ )

54-Xe-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-134