

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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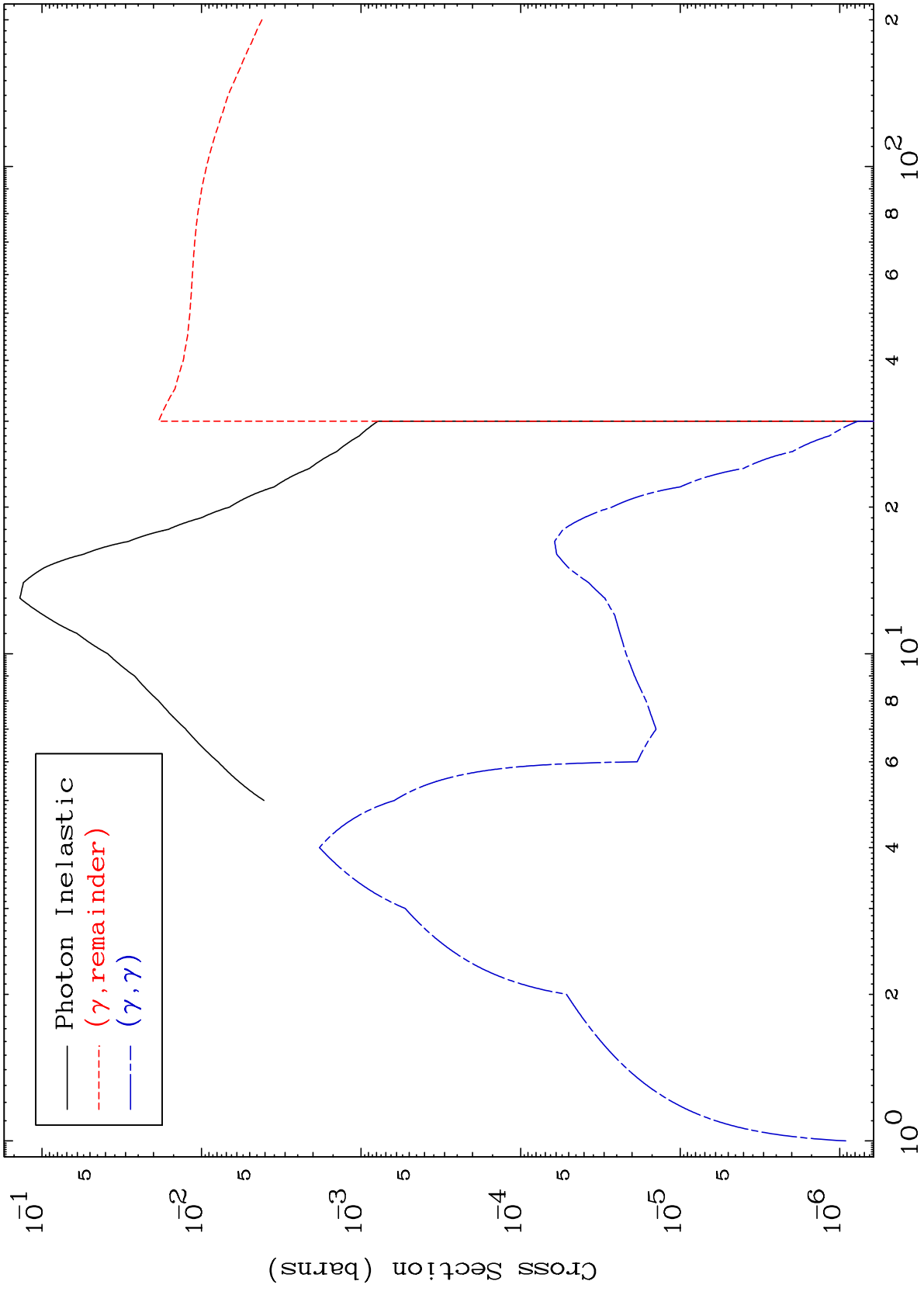
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5464

Photon Major  
0 Kelvin Cross Sections

54-Xe-137



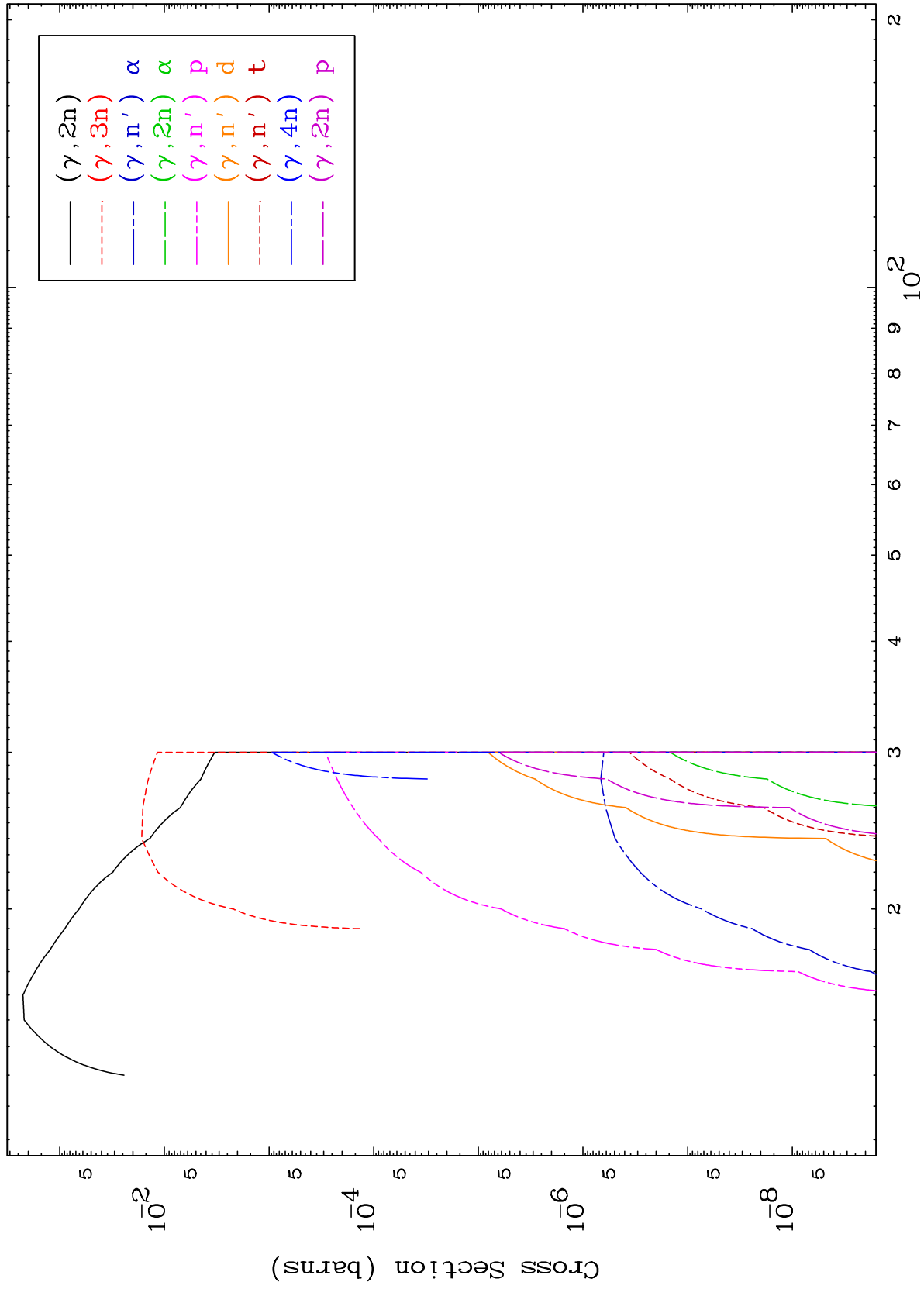
Incident Energy (MeV)

54-Xe-137

MAT 5464

Photon Neutron Production  
0 Kelvin Cross Sections

54-Xe-137



2

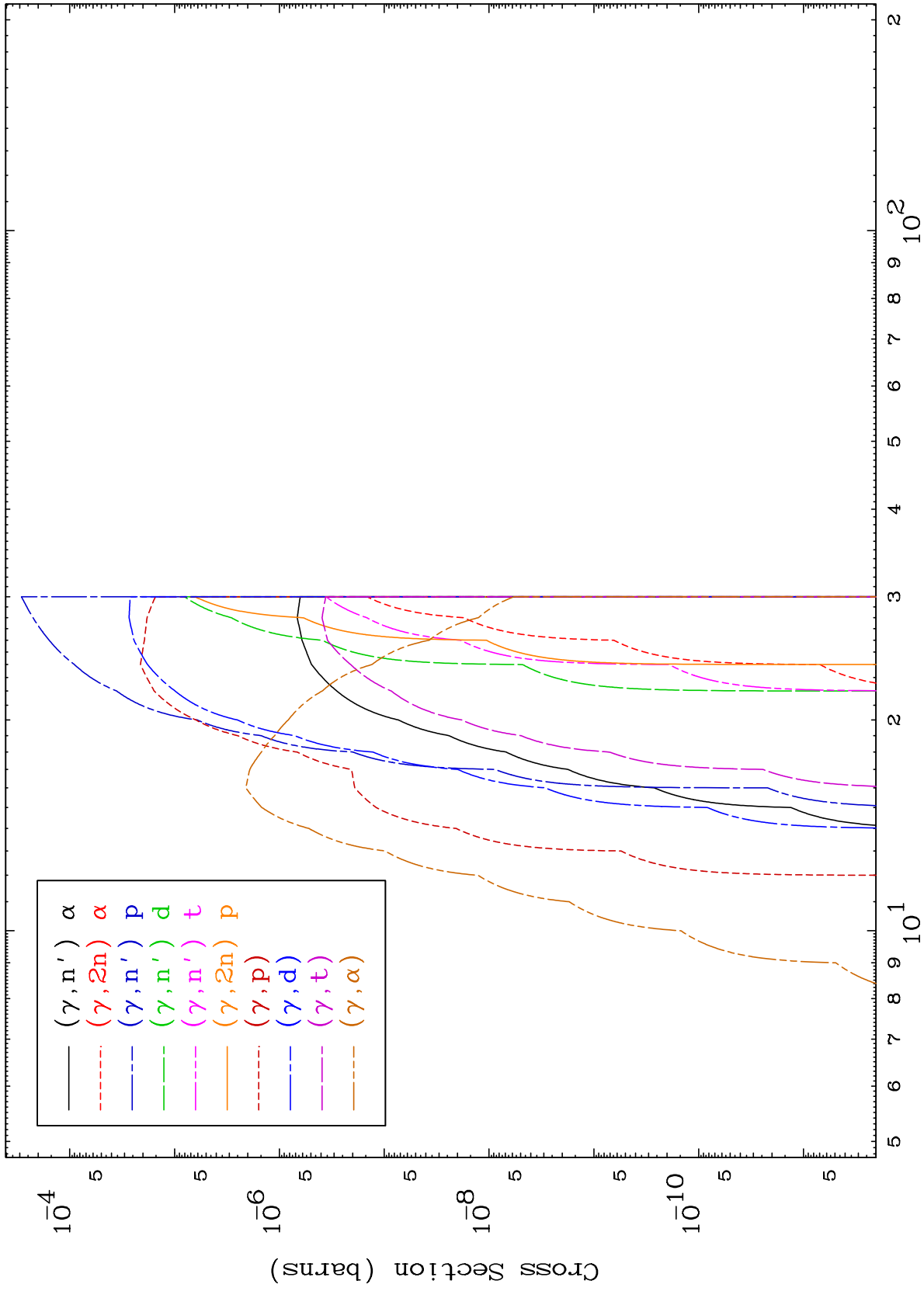
Incident Energy (MeV)

54-Xe-137

MAT 5464

Photon Charged Particle  
0 Kelvin Cross Sections

54-Xe-137



3

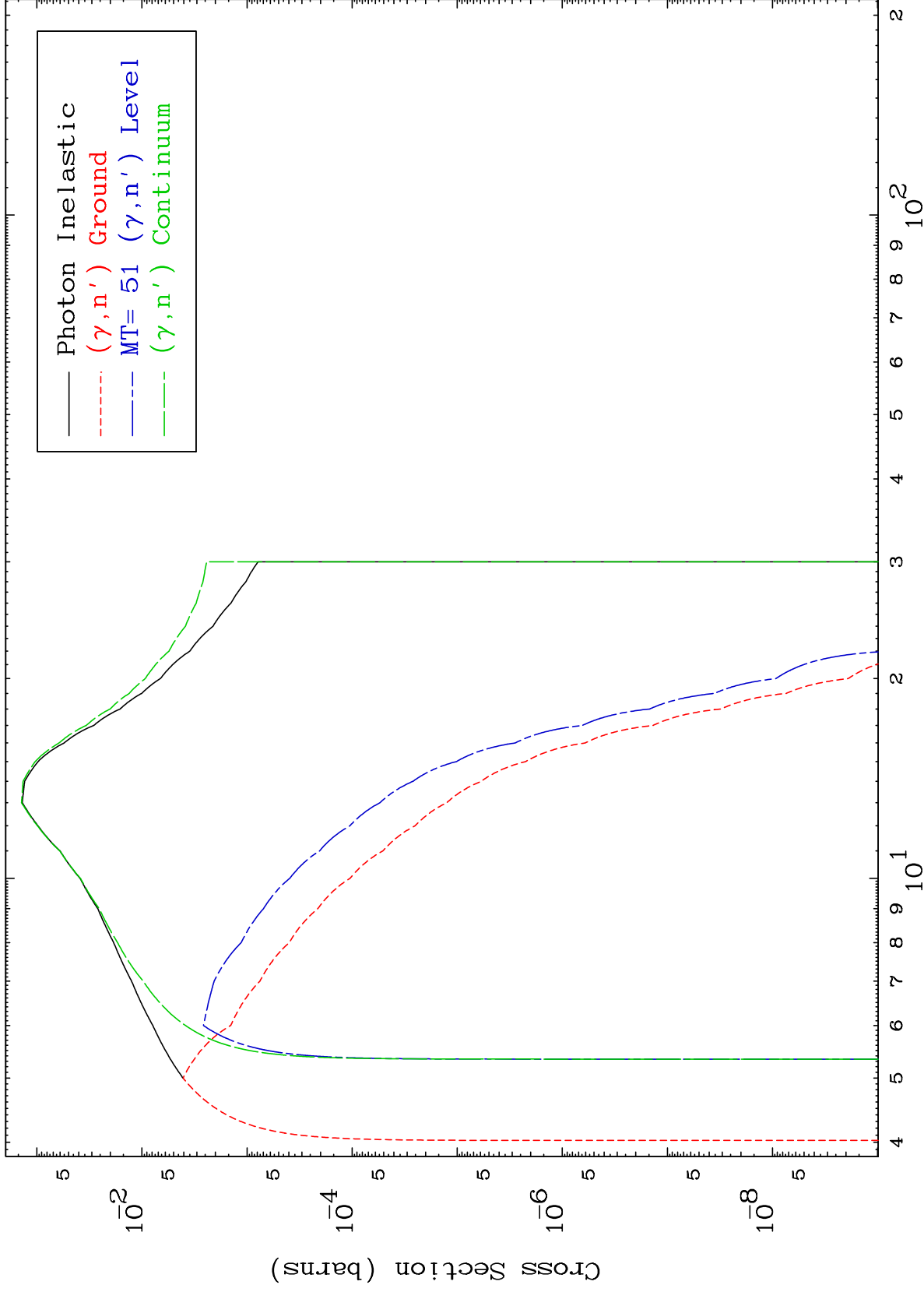
Incident Energy (MeV)

54-Xe-137

MAT 5464

( $\gamma, n'$ ) Level  
0 Kelvin Cross Sections

54-Xe-137



4

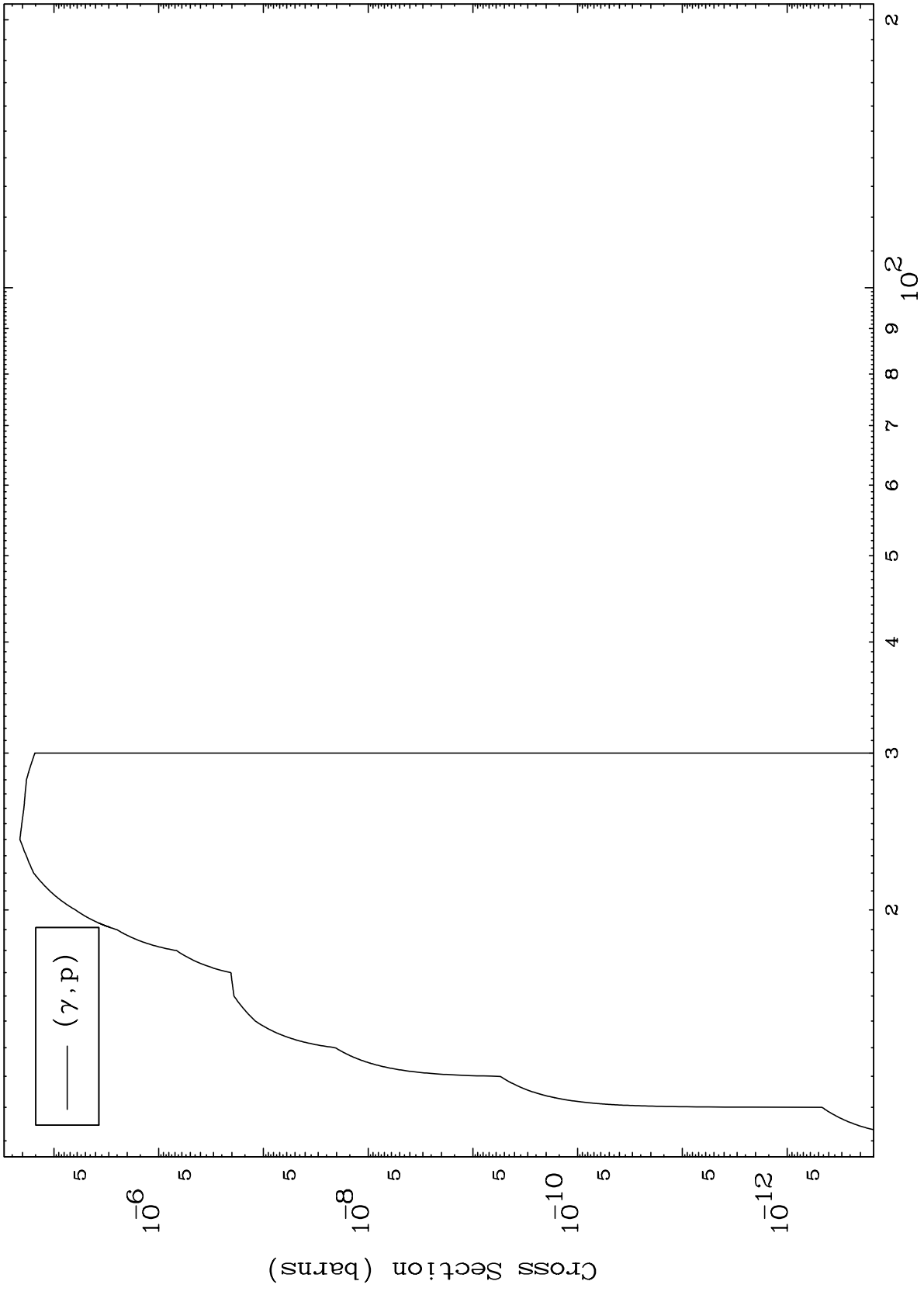
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



5

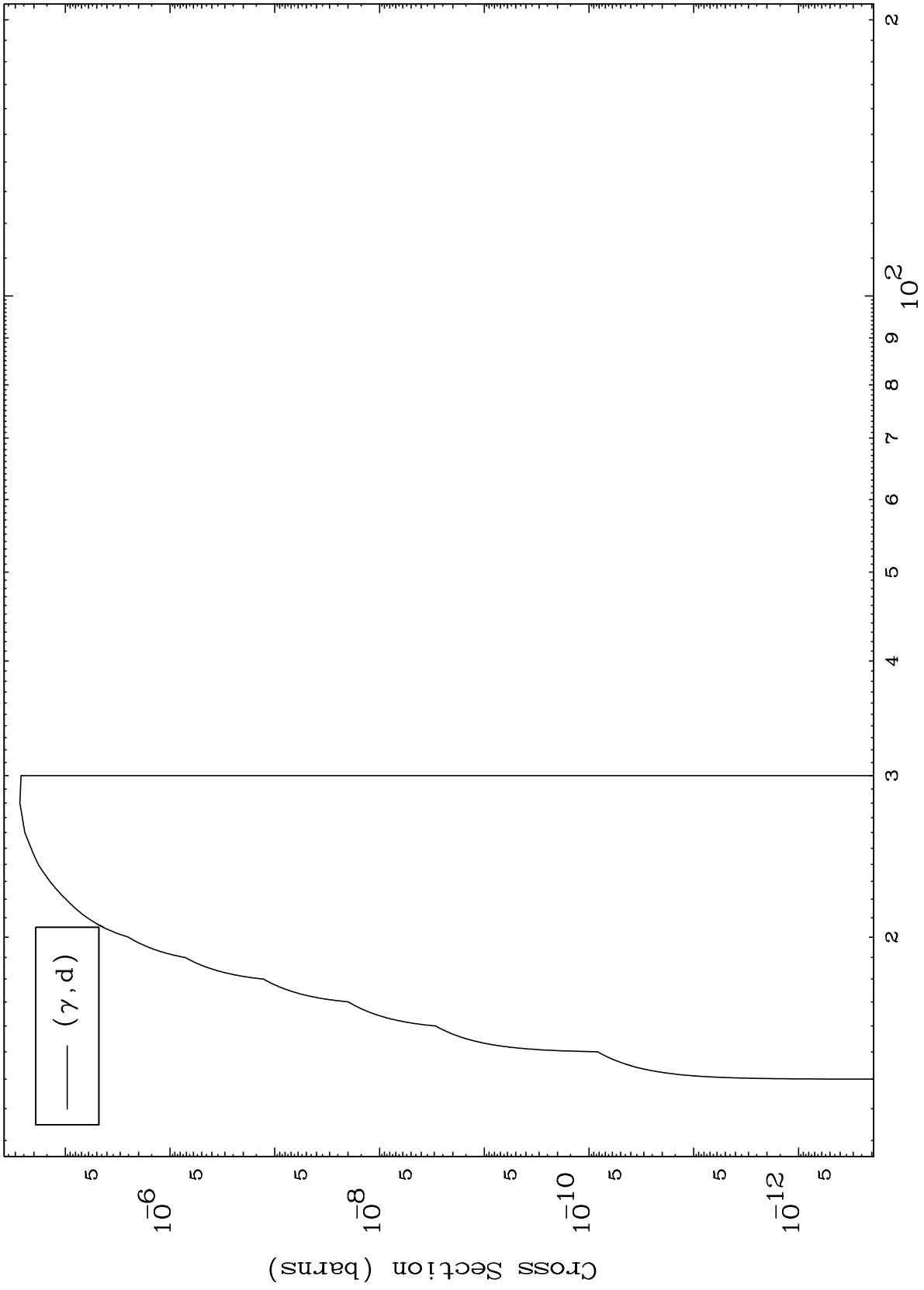
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



6

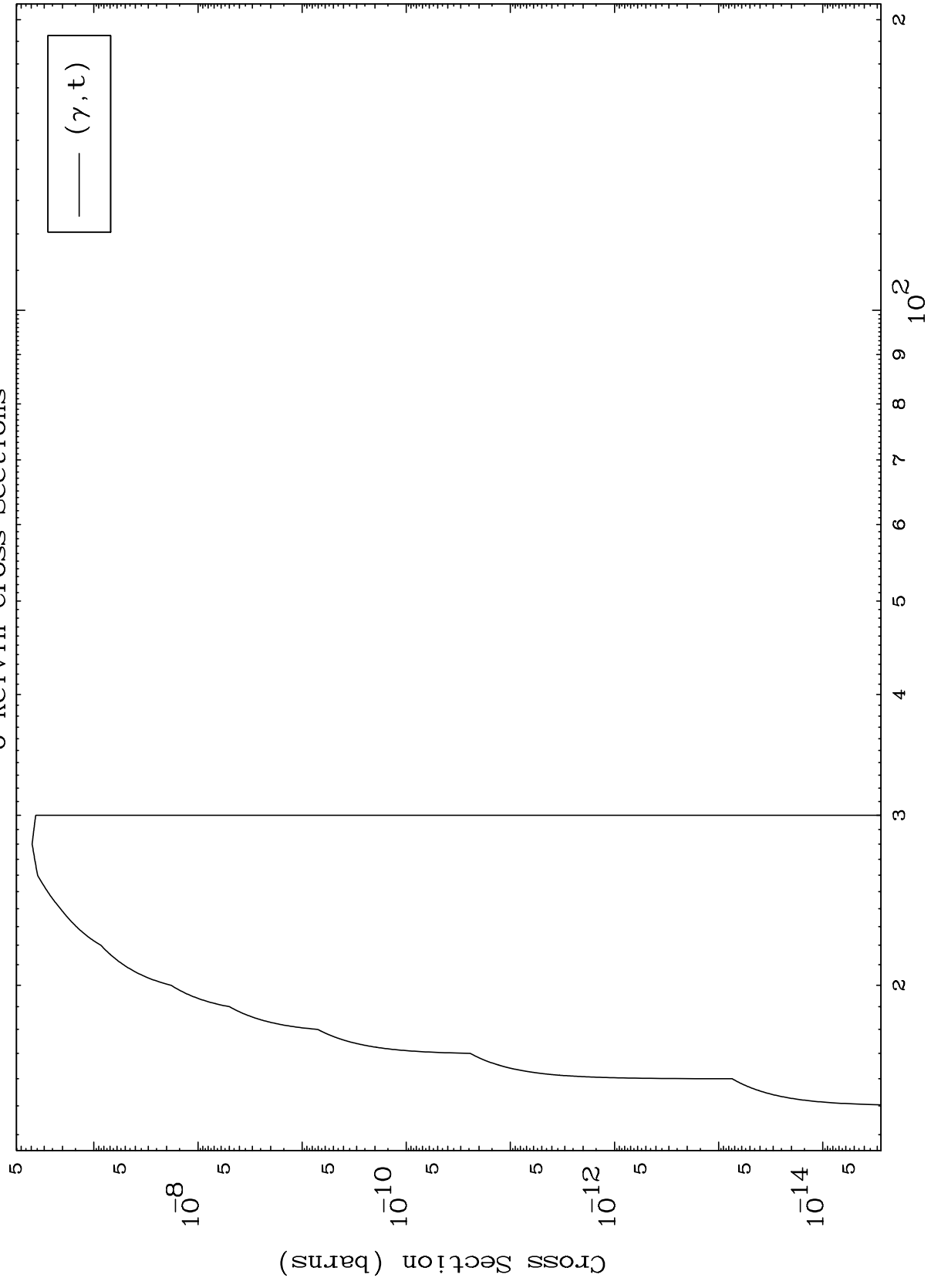
Incident Energy (MeV)

54-Xe-137

MAT 5464

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

54-Xe-137



7

Incident Energy (MeV)

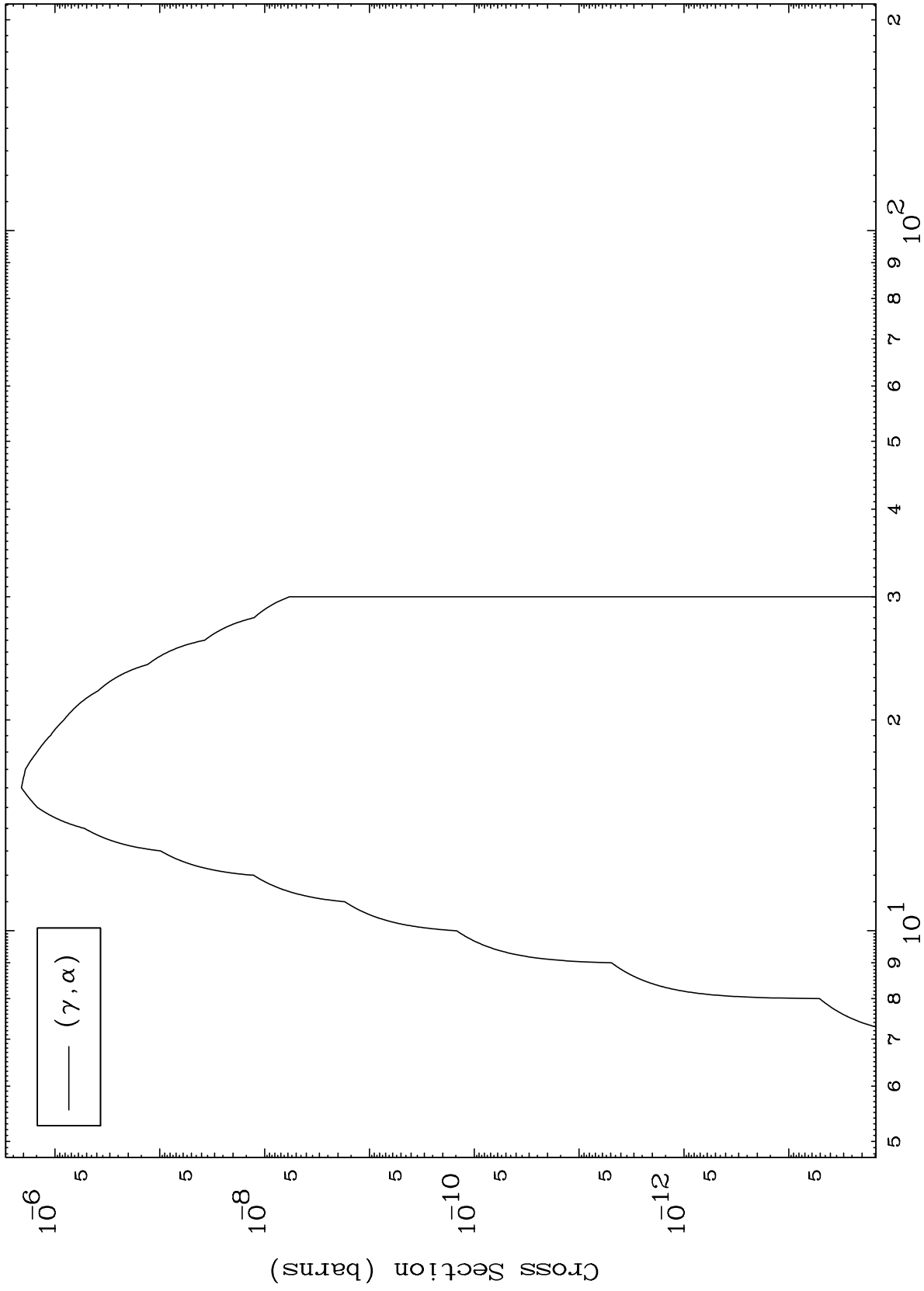
54-Xe-137



MAT 5464

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

54-Xe-137



8

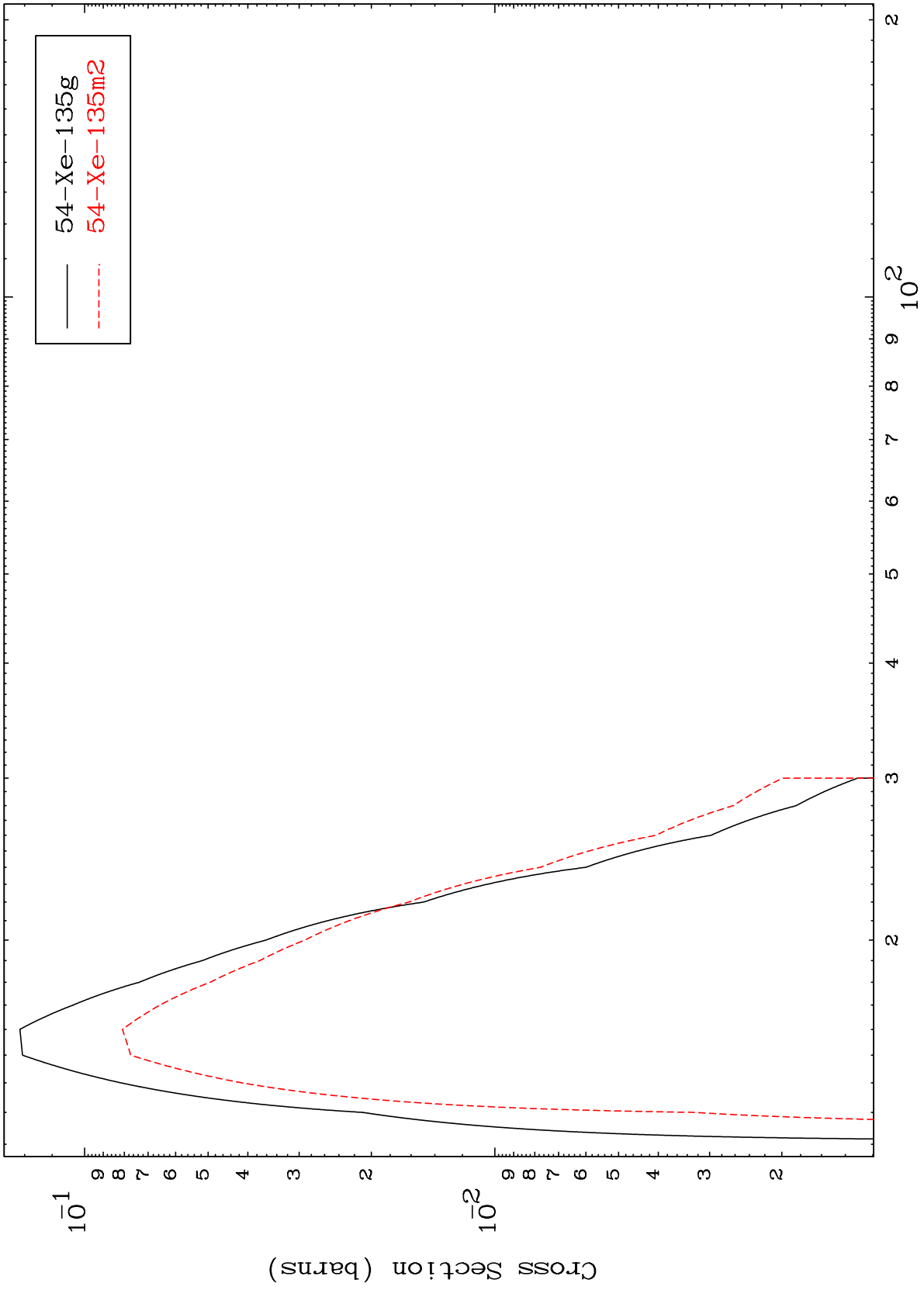
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

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



9

Incident Energy (MeV)

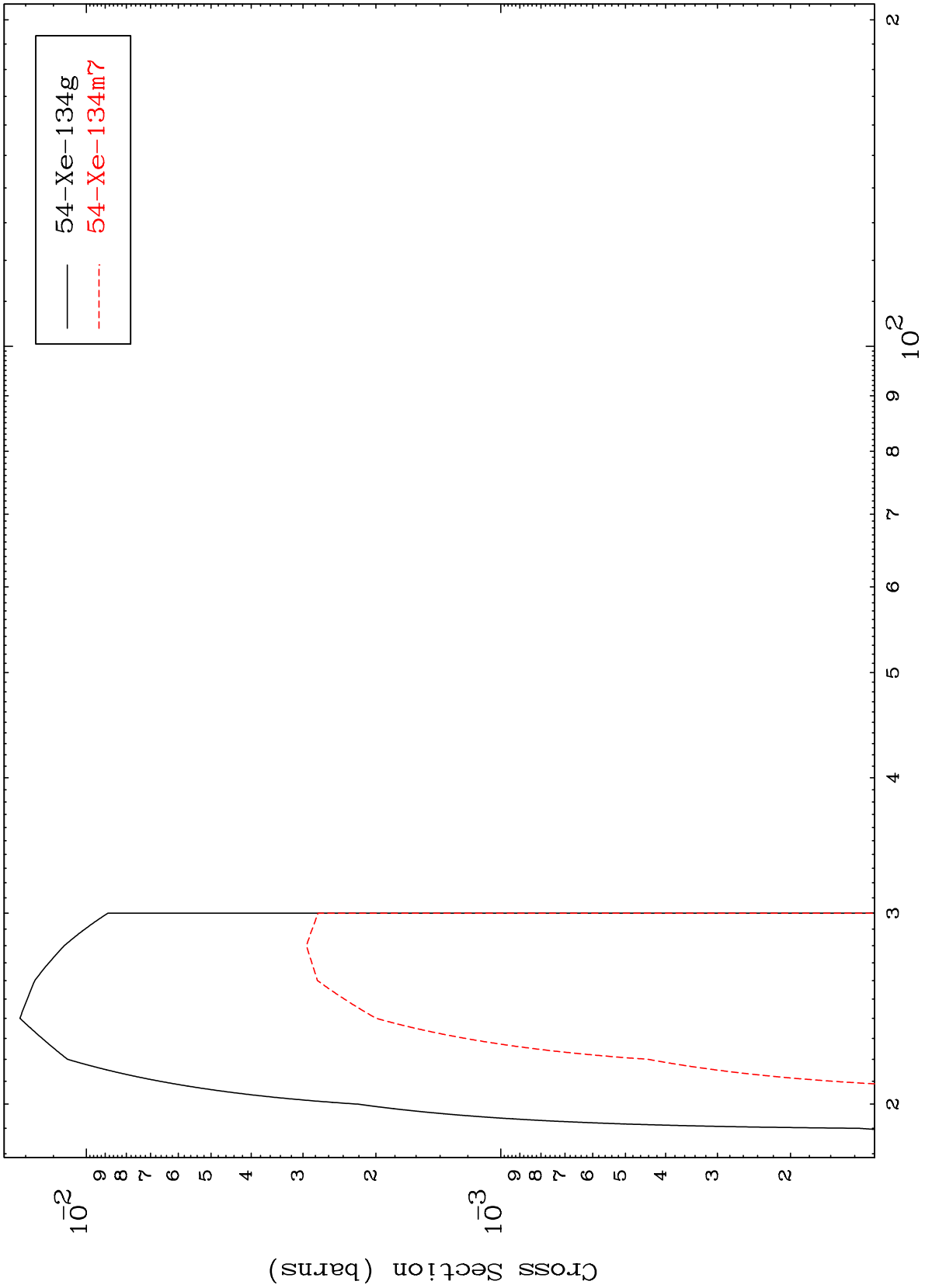
54-Xe-137

MAT 5464

( $\gamma, 3n$ )

54-Xe-137

Radionuclide Production Cross Section



54-Xe-134g  
54-Xe-134m7

10

Incident Energy (MeV)

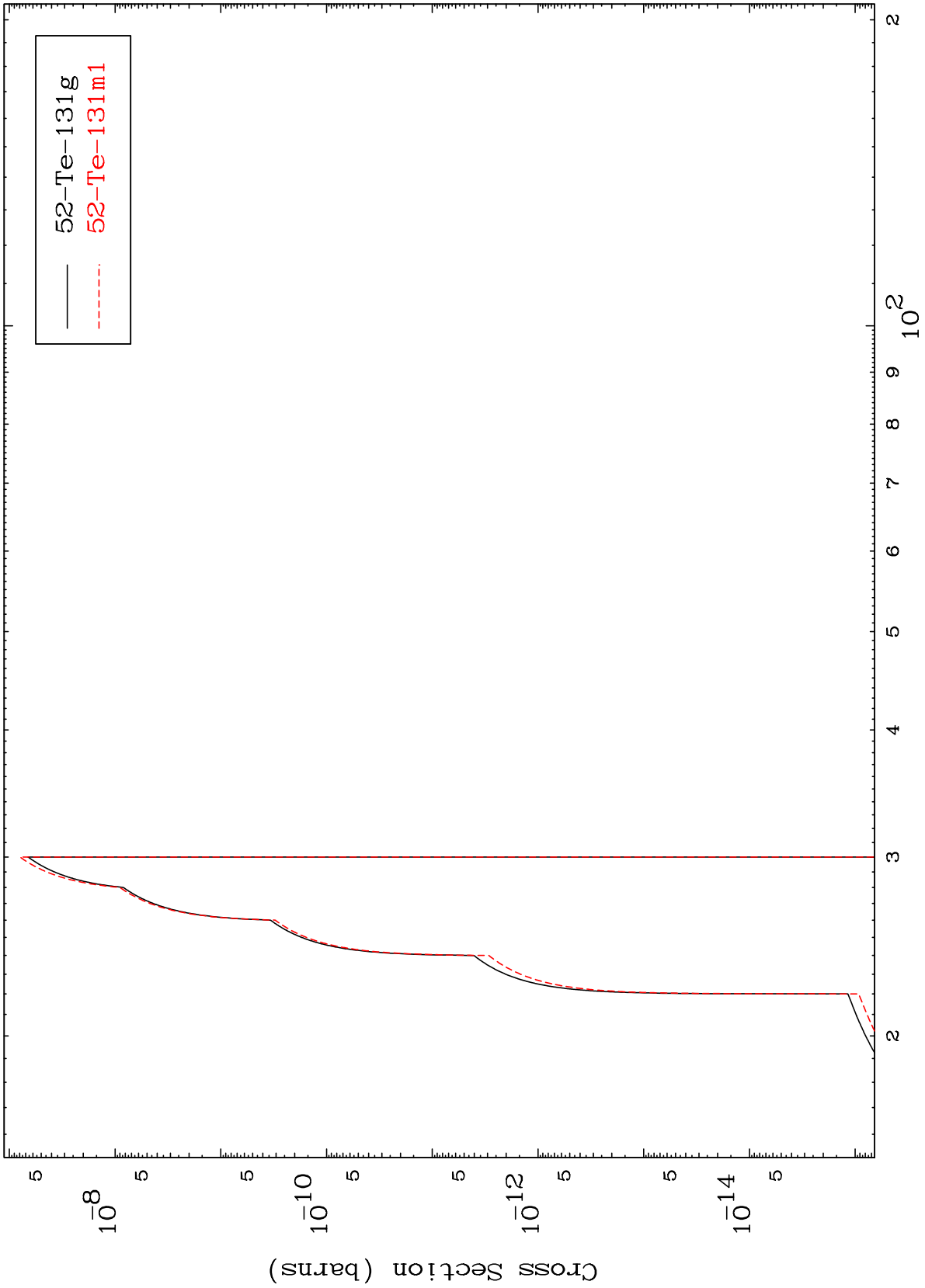
54-Xe-137

MAT 5464

$(\gamma, 2n) \alpha$

54-Xe-137

Radionuclide Production Cross Section



11

Incident Energy (MeV)

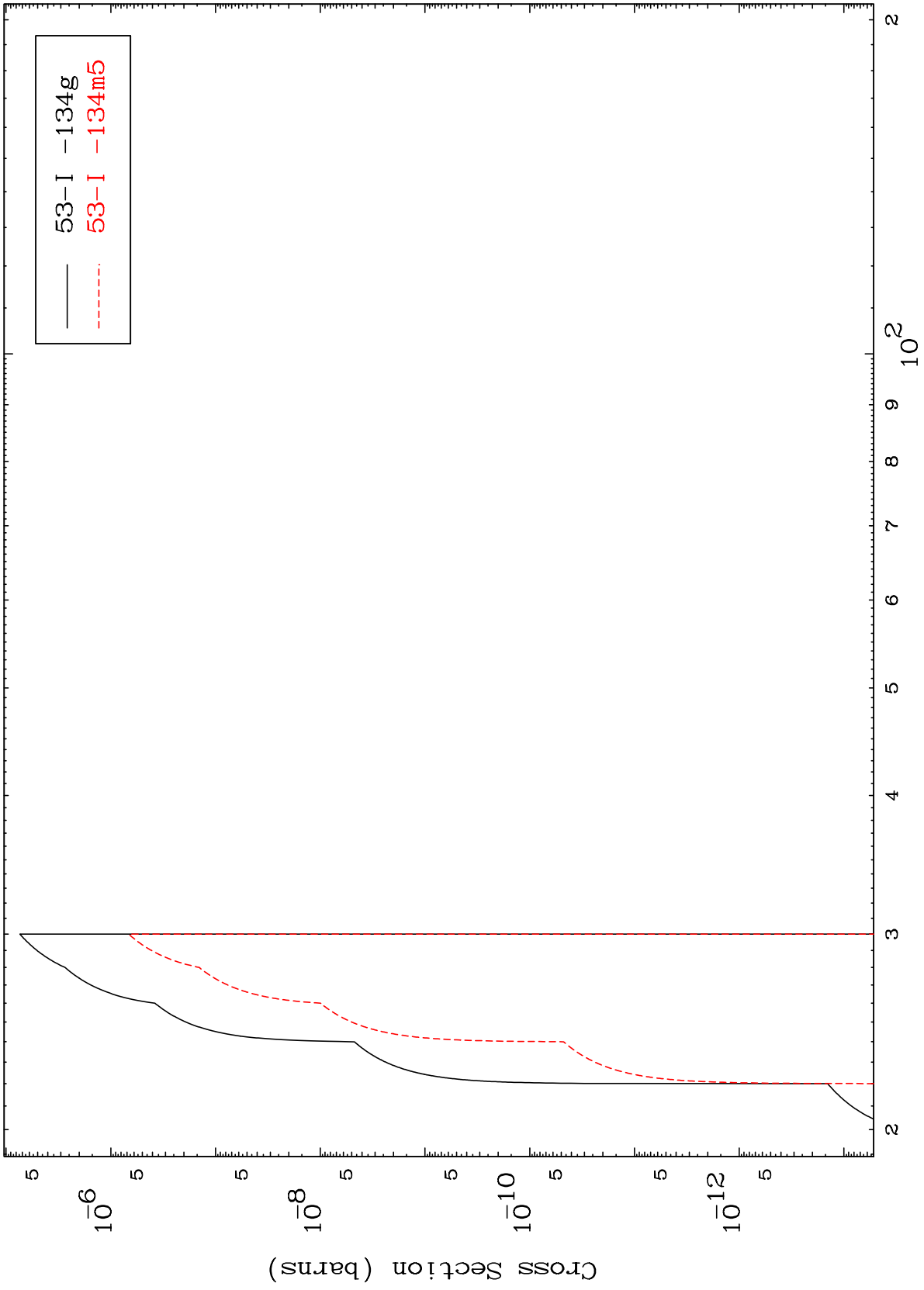
54-Xe-137

MAT 5464

( $\gamma, n'$ ) d

54-Xe-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

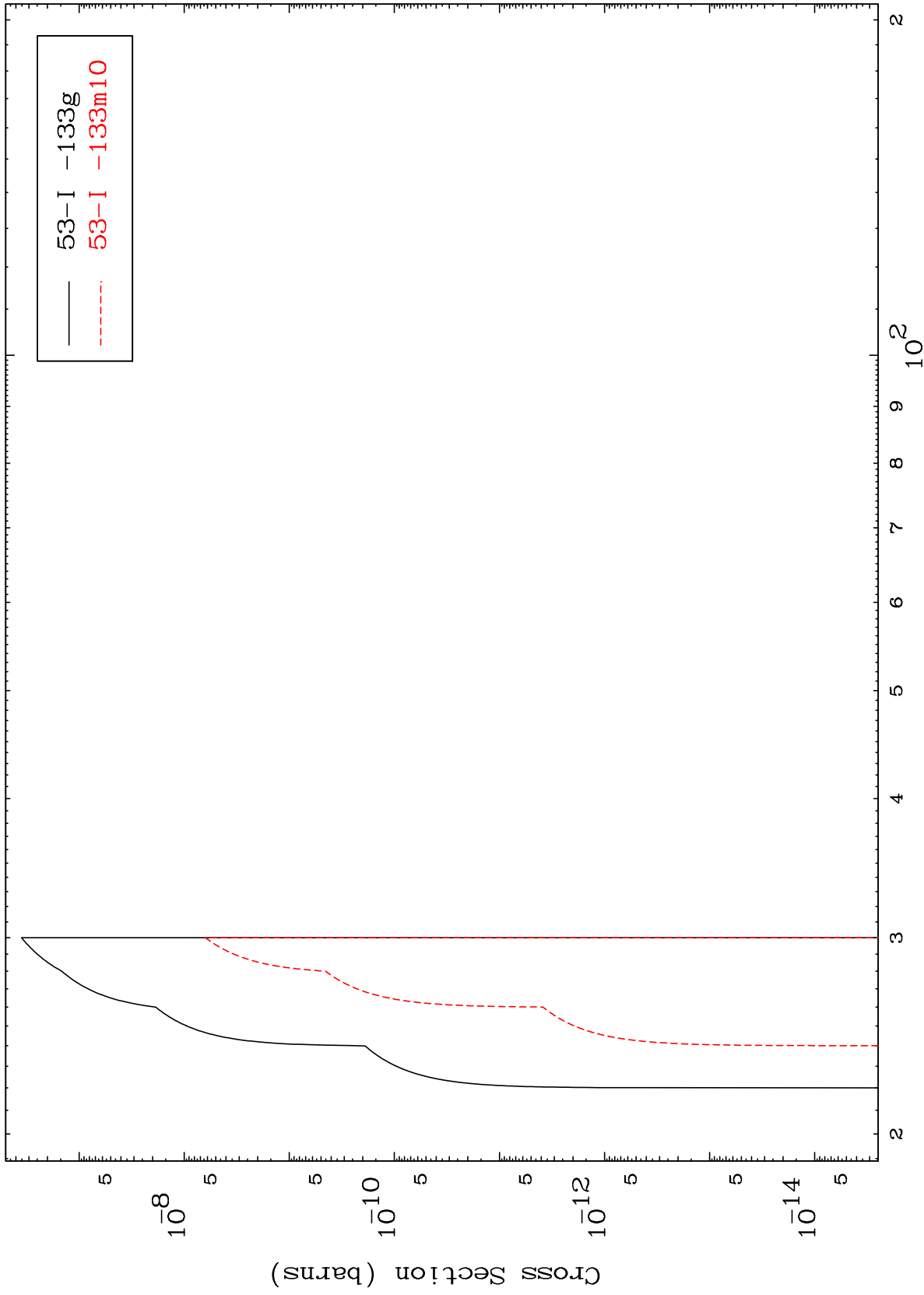
54-Xe-137

MAT 5464

( $\gamma, n'$ ) t

54-Xe-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

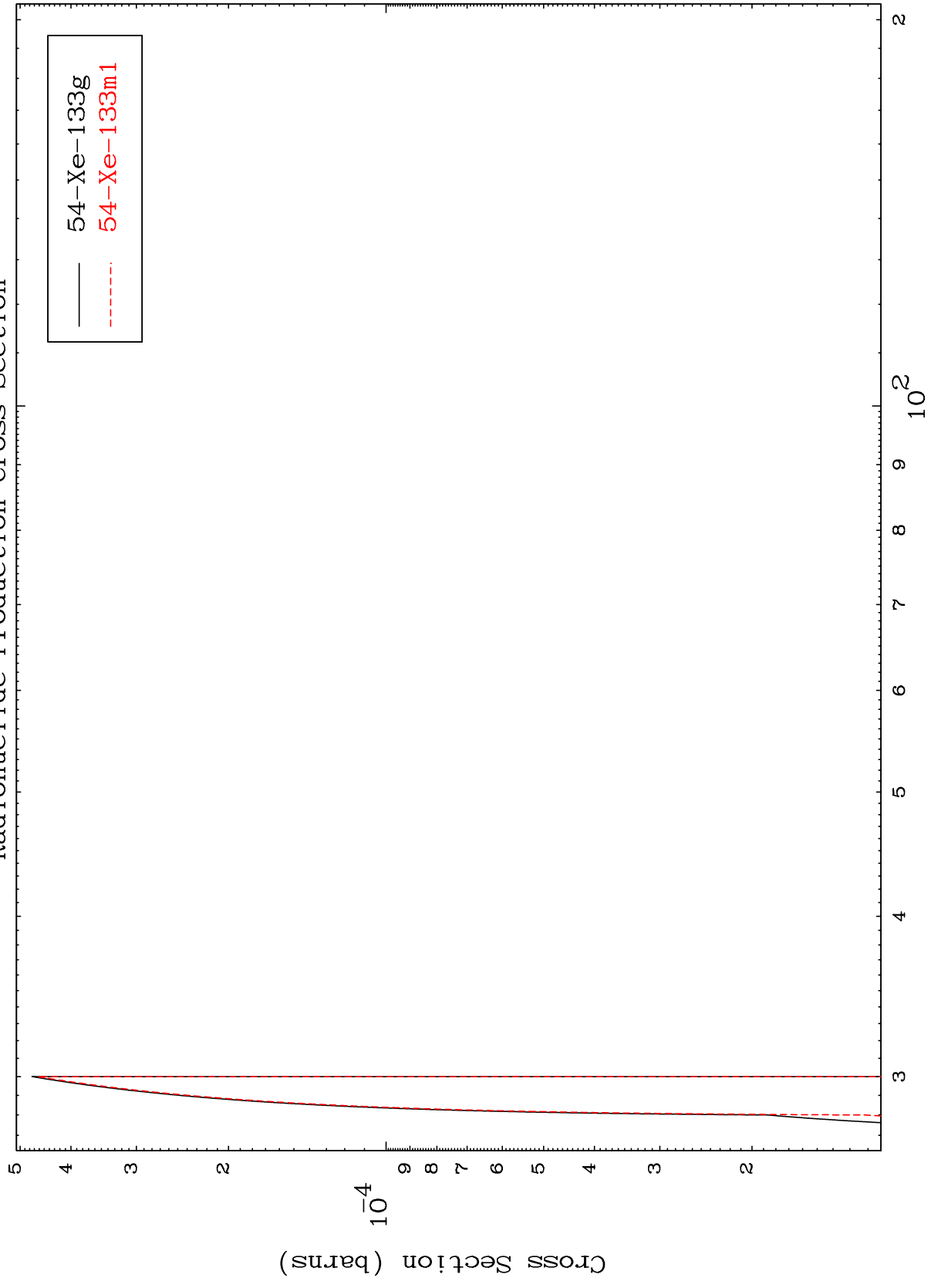
54-Xe-137

MAT 5464

( $\gamma, 4n$ )

54-Xe-137

Radionuclide Production Cross Section



54-Xe-133g  
54-Xe-133m1

14

Incident Energy (MeV)

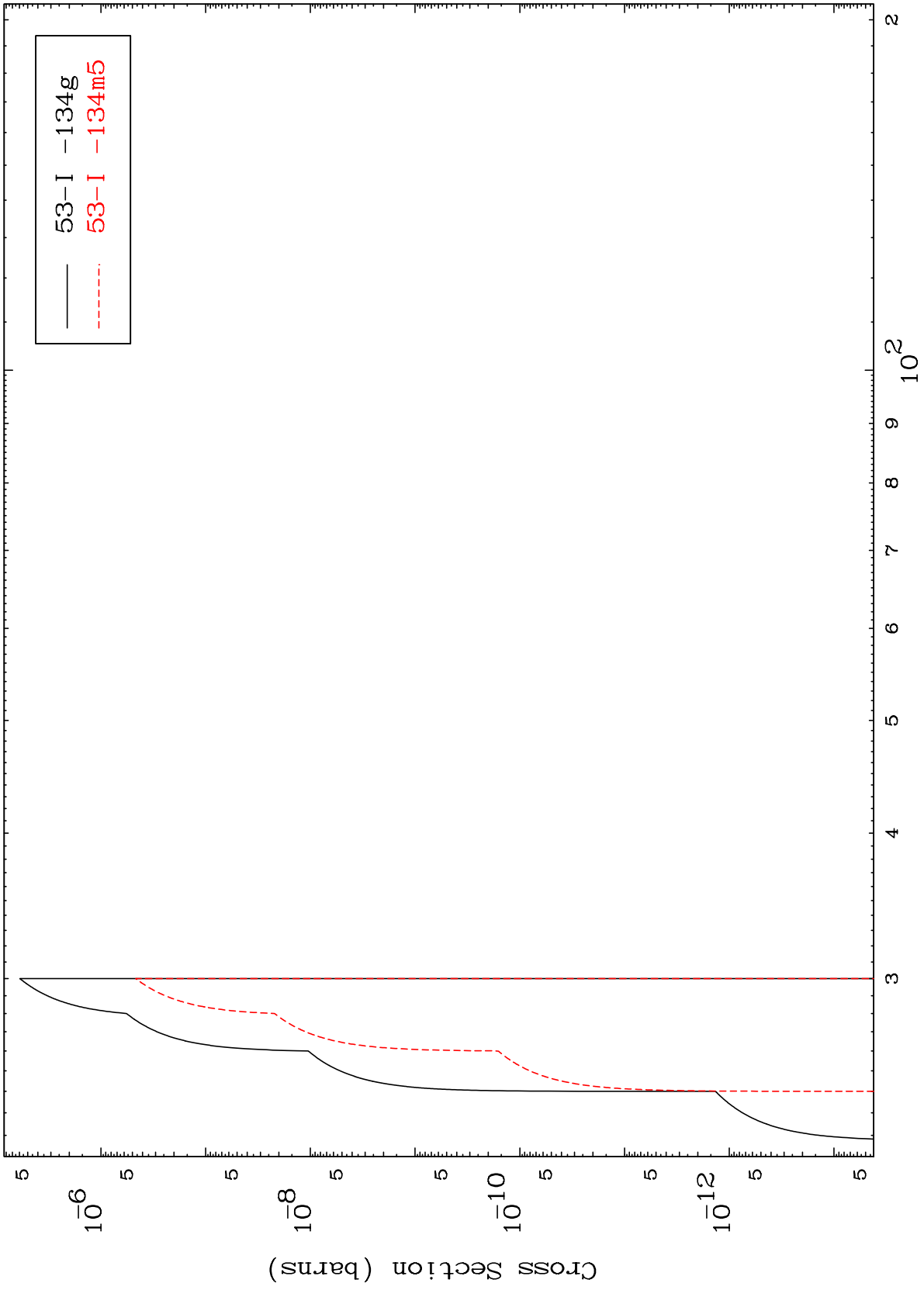
54-Xe-137

MAT 5464

( $\gamma, 2n$ ) p

54-Xe-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

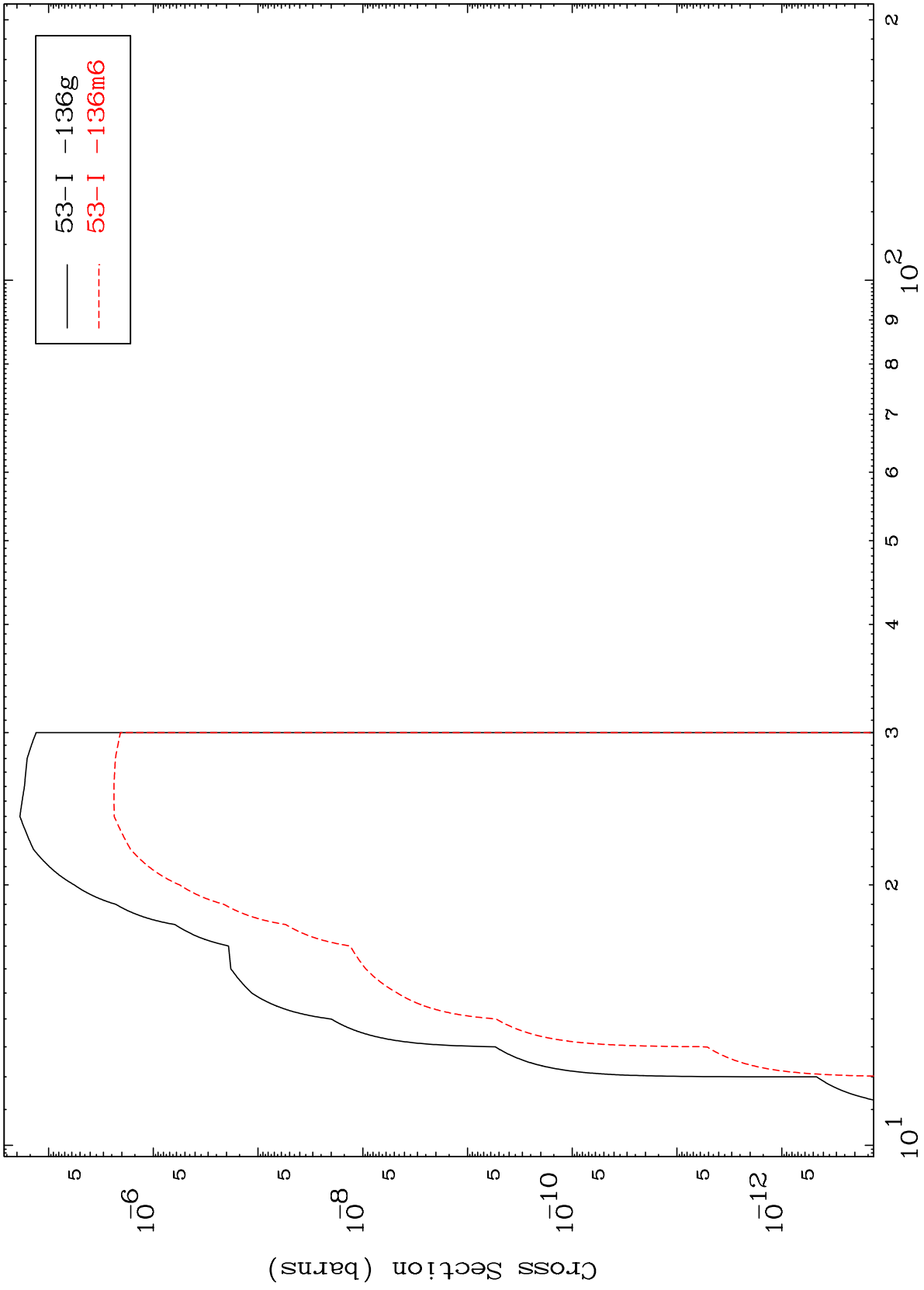
54-Xe-137



MAT 5464

54-Xe-137

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



54-Xe-137

Incident Energy (MeV)

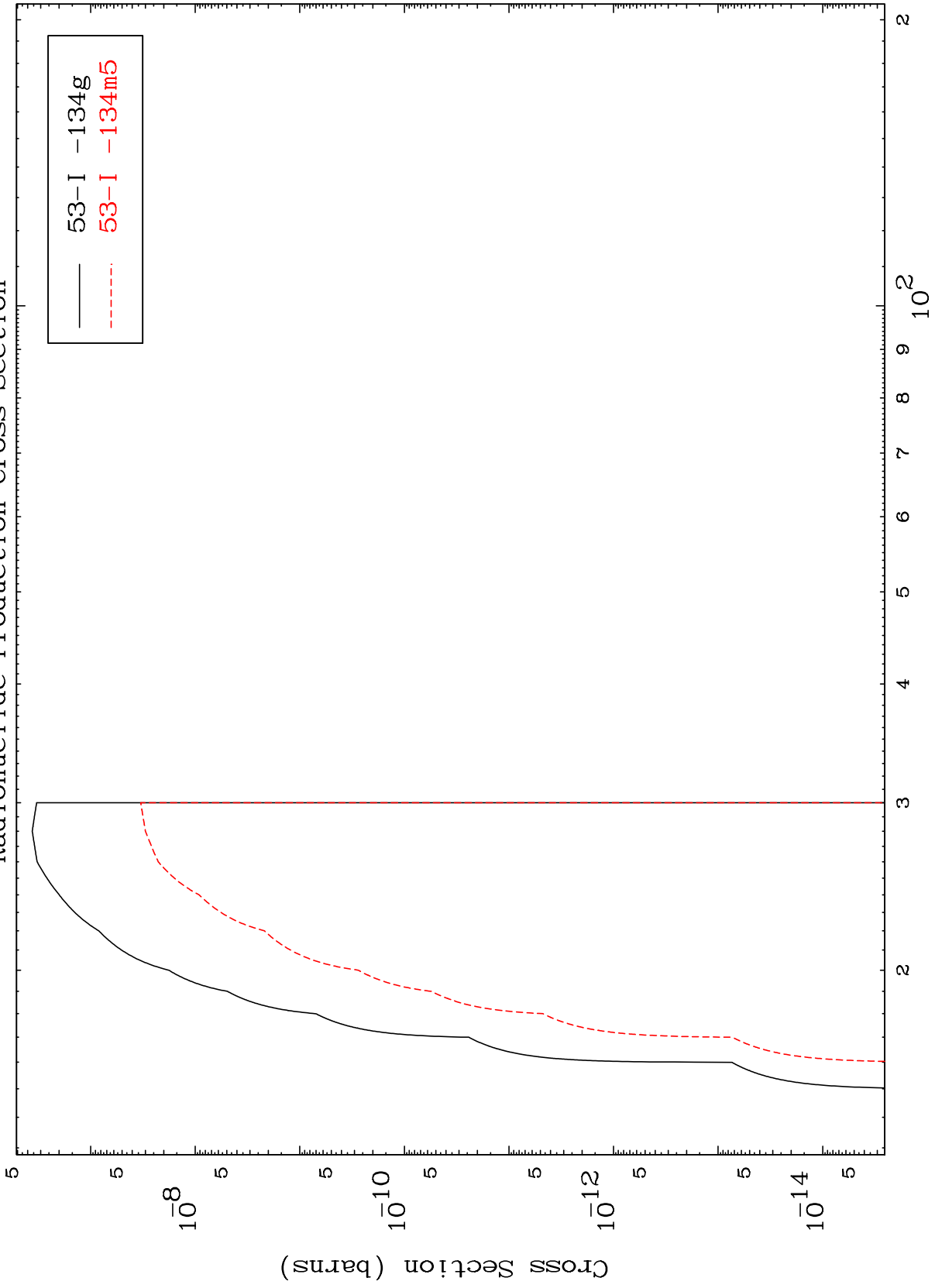
16

MAT 5464

( $\gamma, t$ )

54-Xe-137

Radionuclide Production Cross Section



17

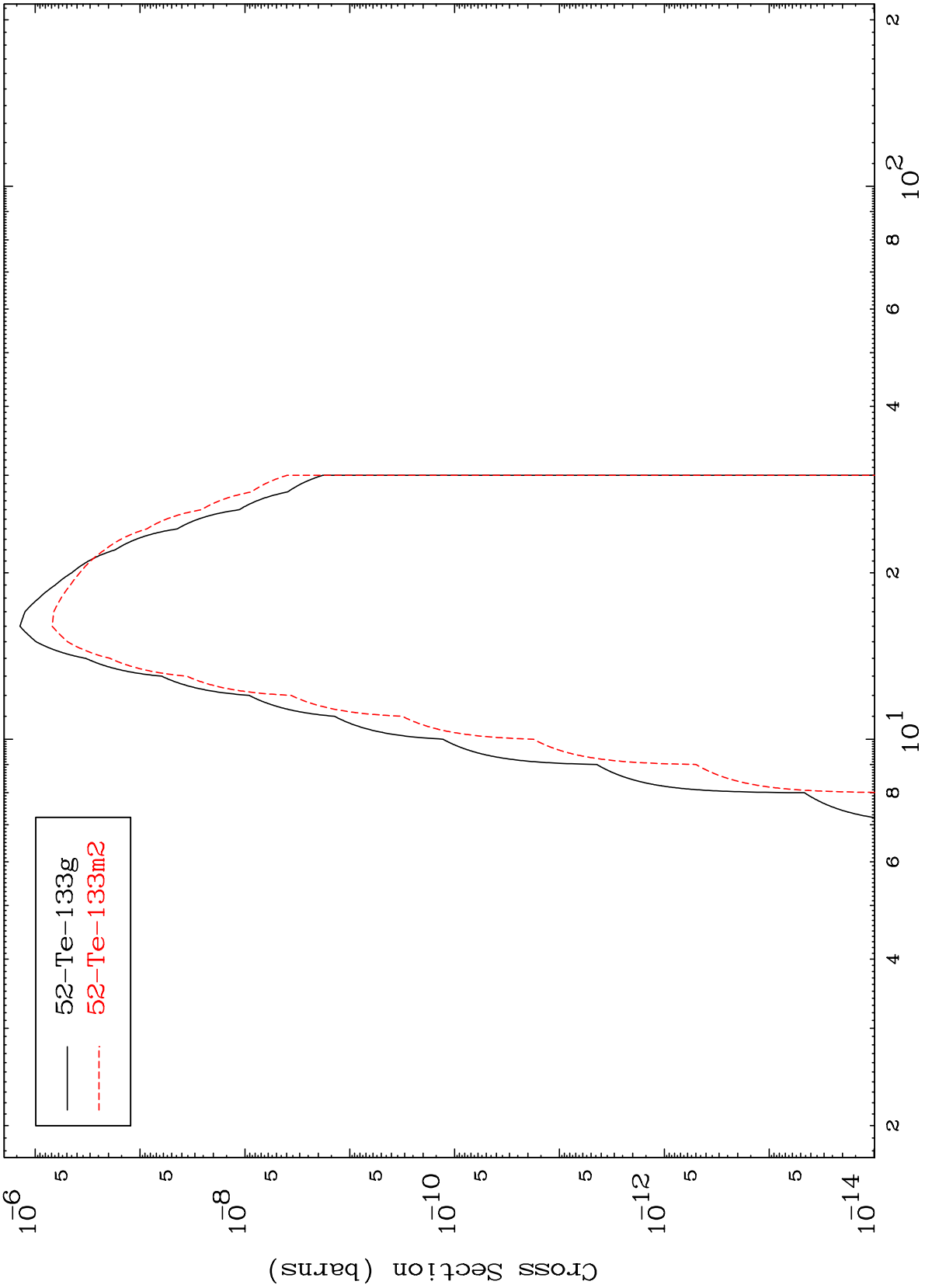
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

Radionuclide Production Cross Section



18

54-Xe-137