

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

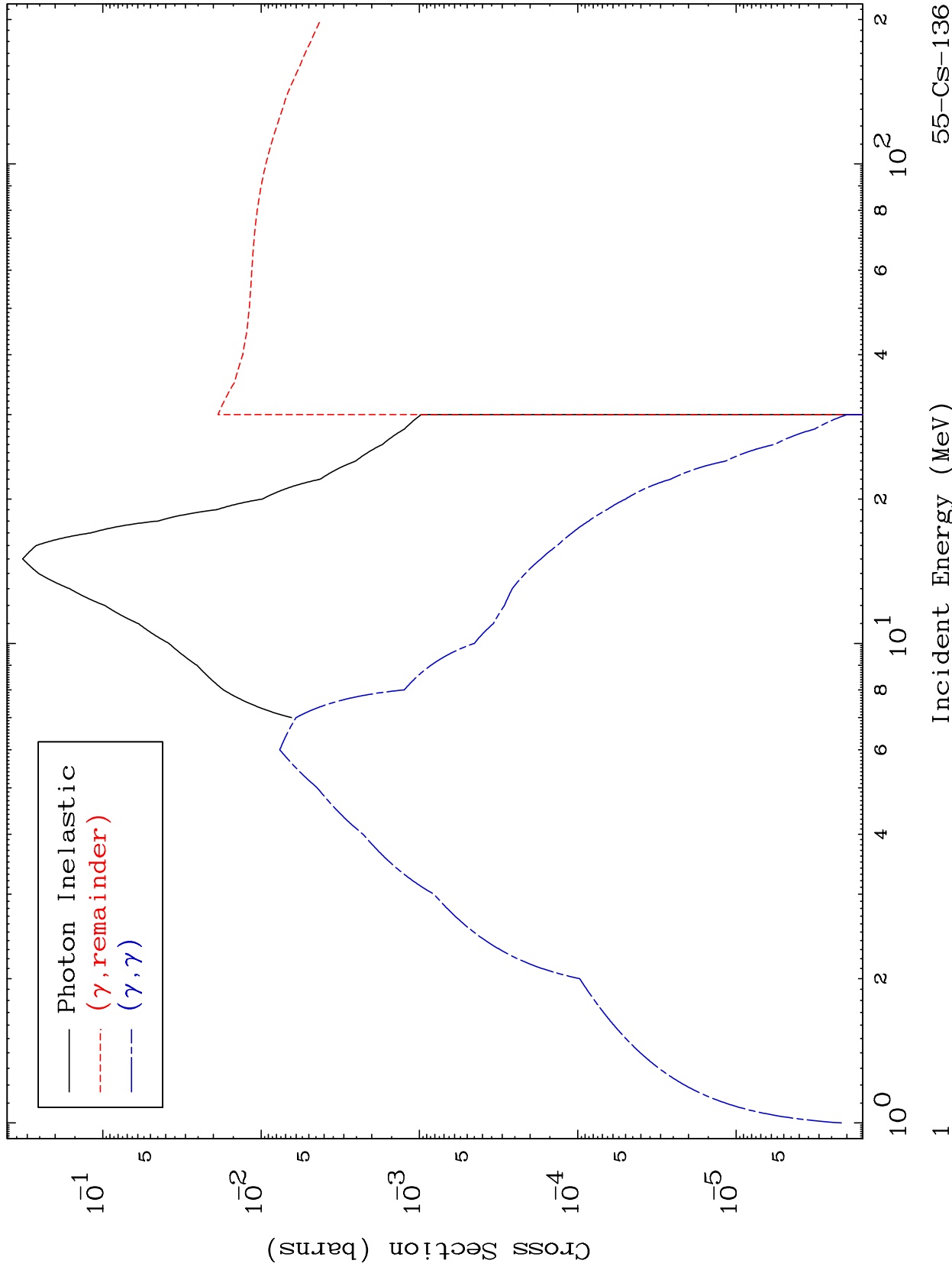
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5534

Photon Major  
0 Kelvin Cross Sections

55-Cs-136

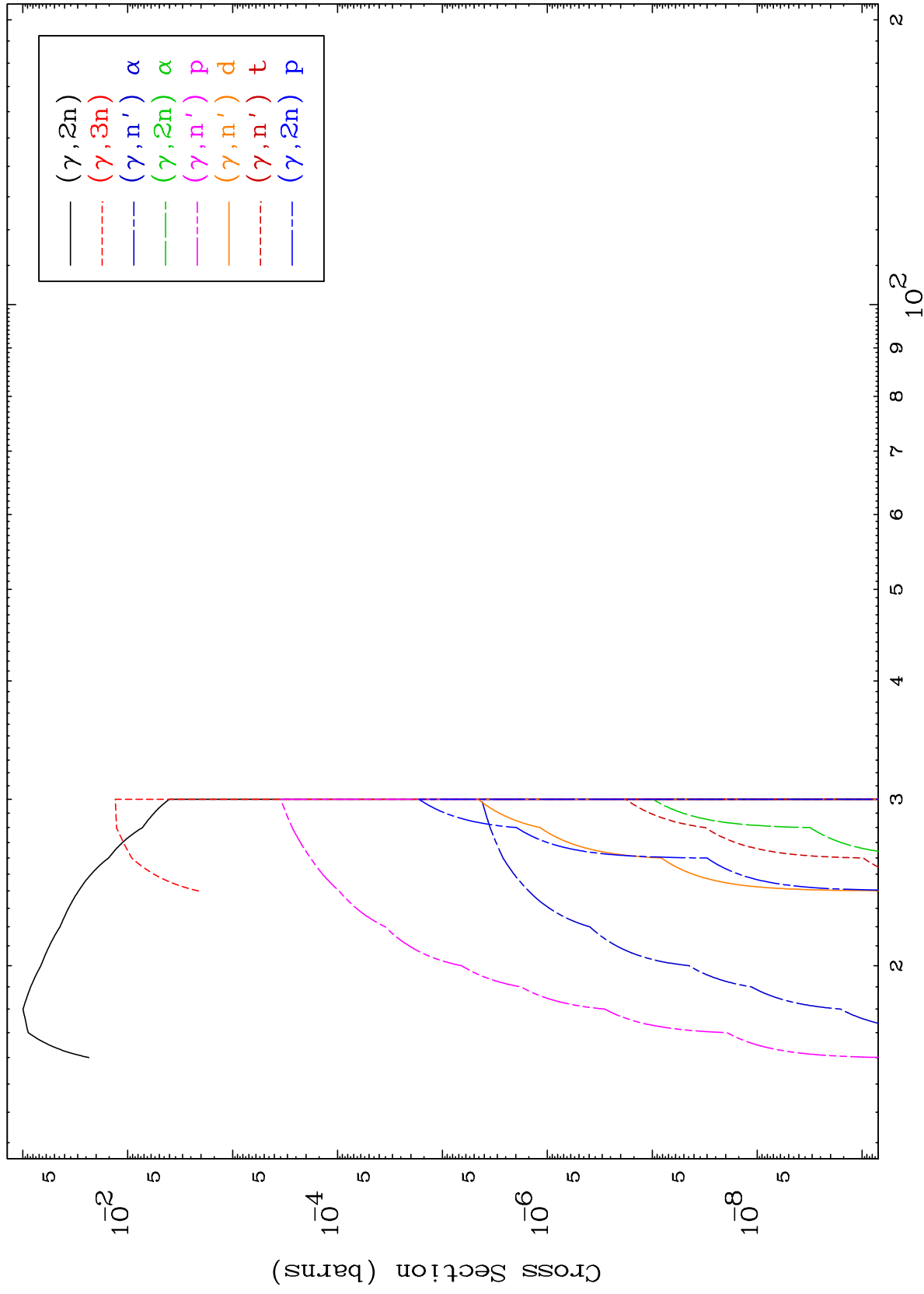


55-Cs-136

MAT 5534

Photon Neutron Production  
0 Kelvin Cross Sections

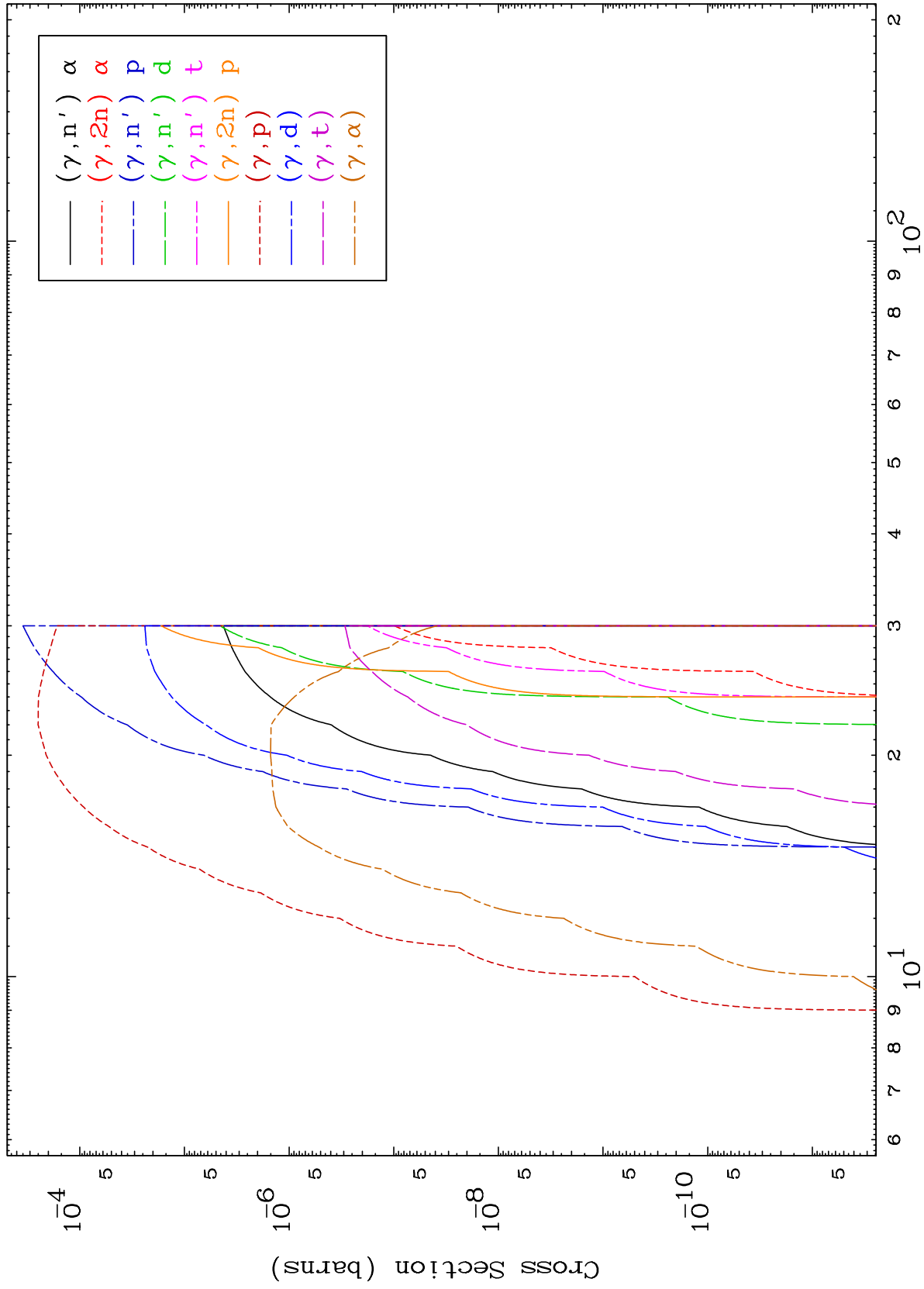
55-Cs-136



2

Incident Energy (MeV)

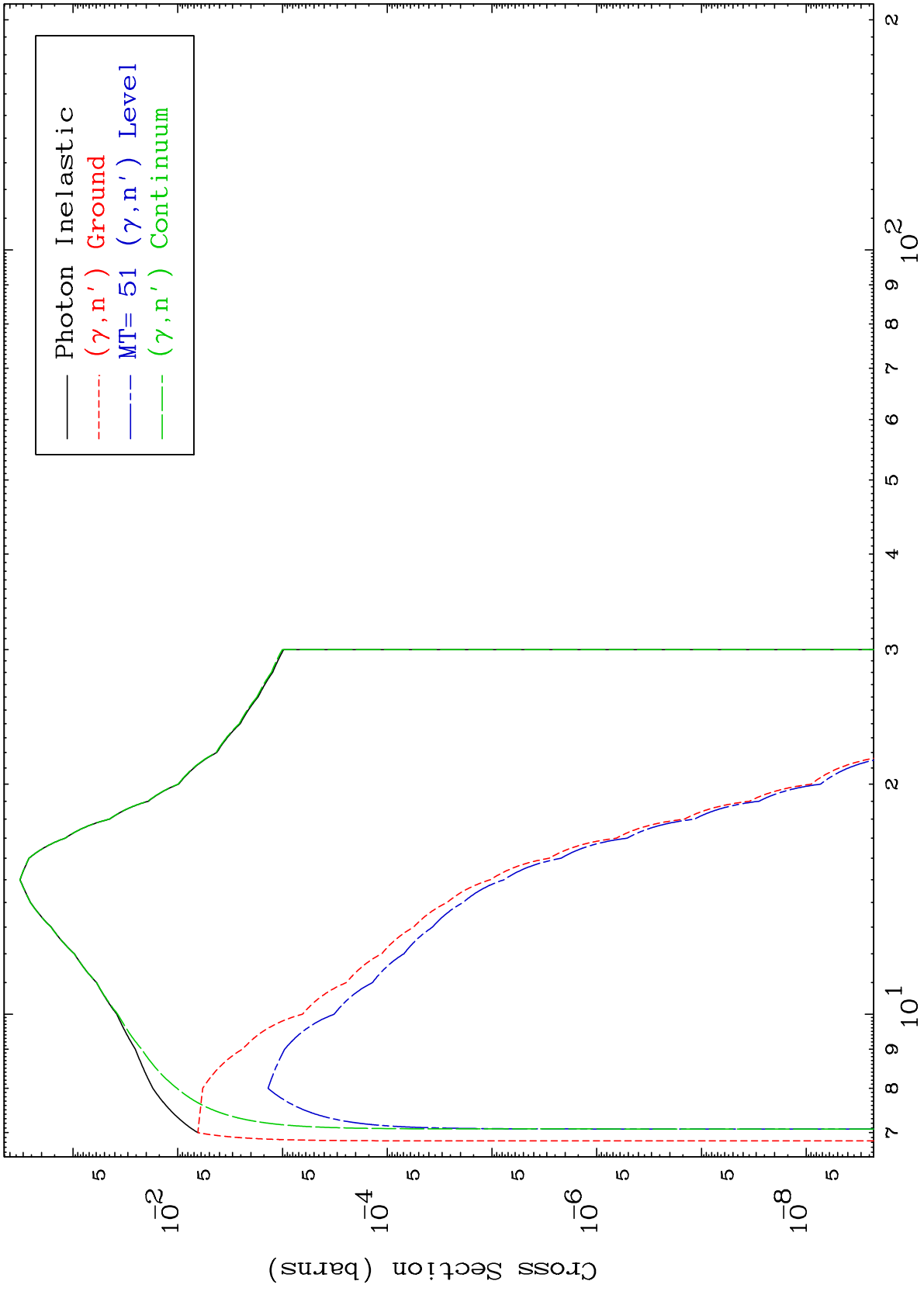
55-Cs-136



MAT 5534

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

55-Cs-136



4

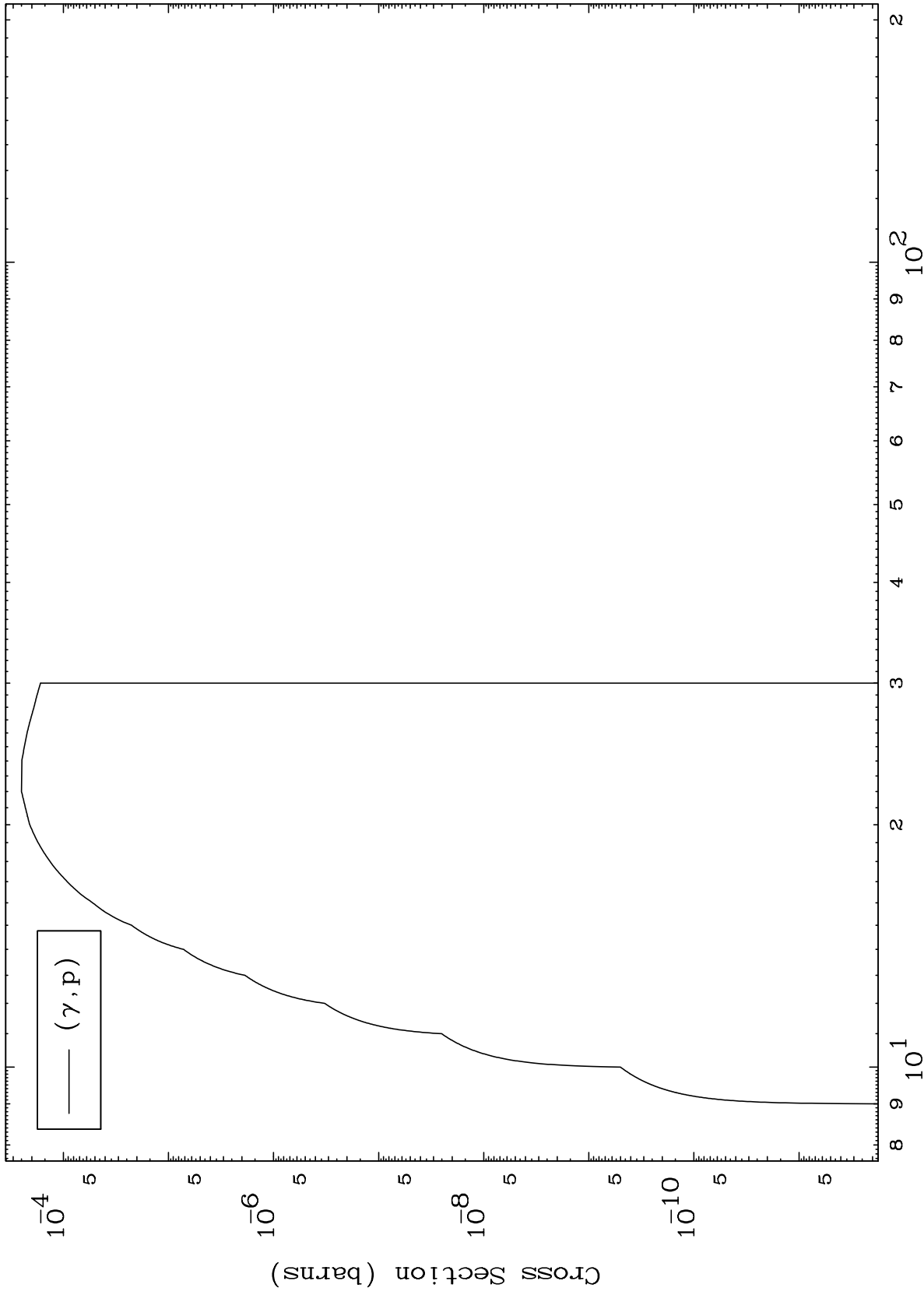
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

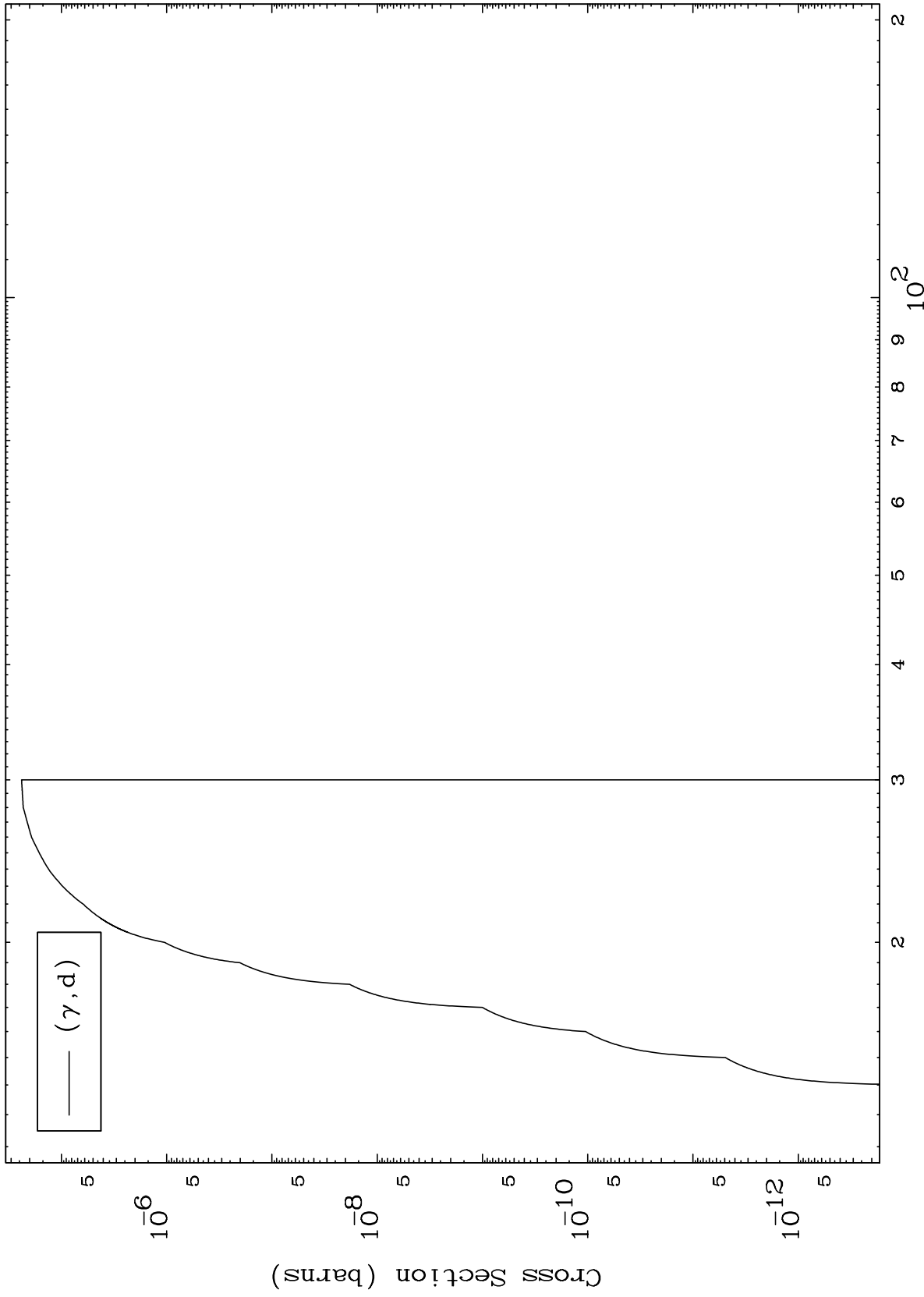
55-Cs-136



5

Incident Energy (MeV)

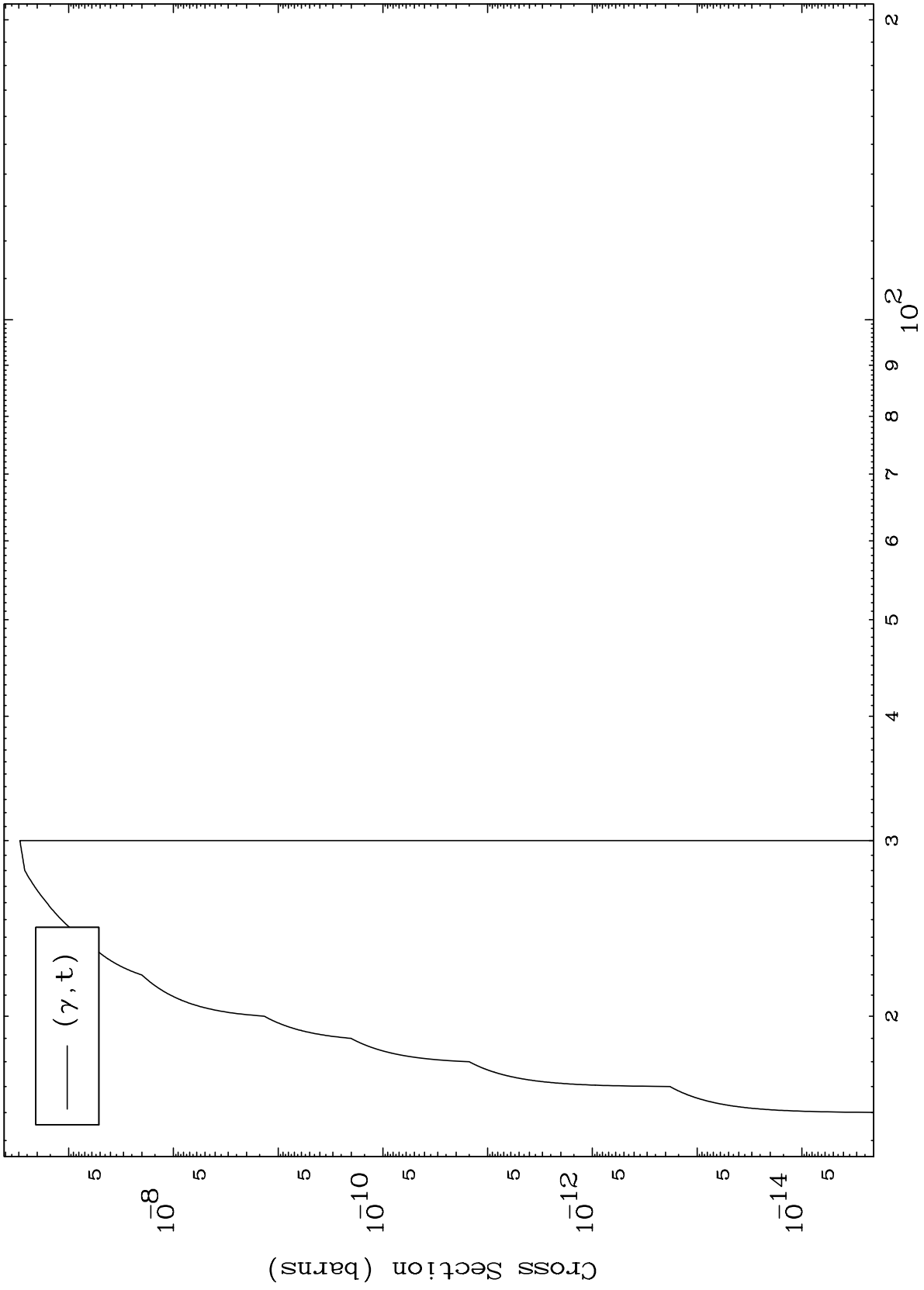
55-Cs-136



MAT 5534

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

55-Cs-136



7

Incident Energy (MeV)

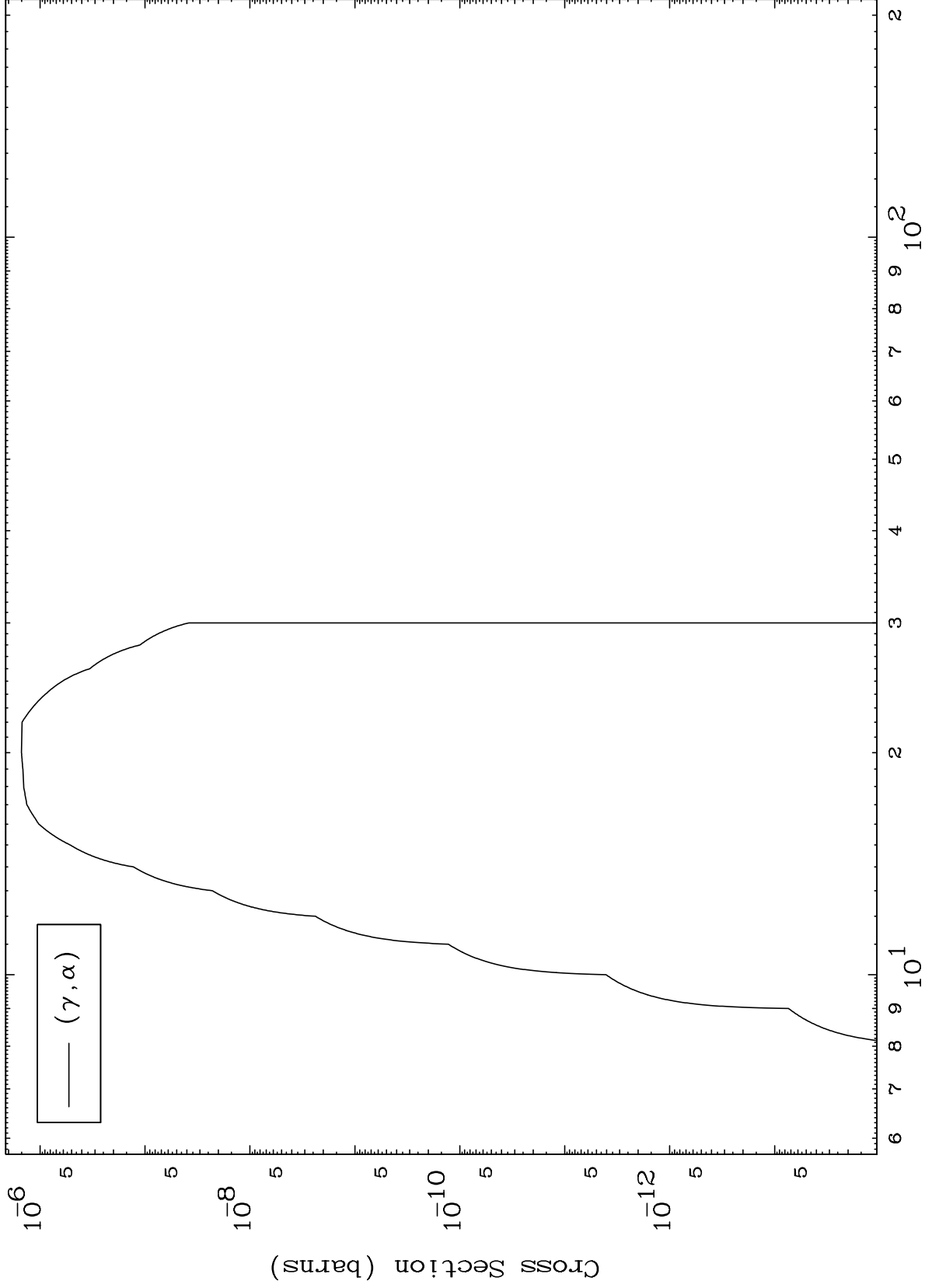
55-Cs-136



MAT 5534

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

55-Cs-136



8

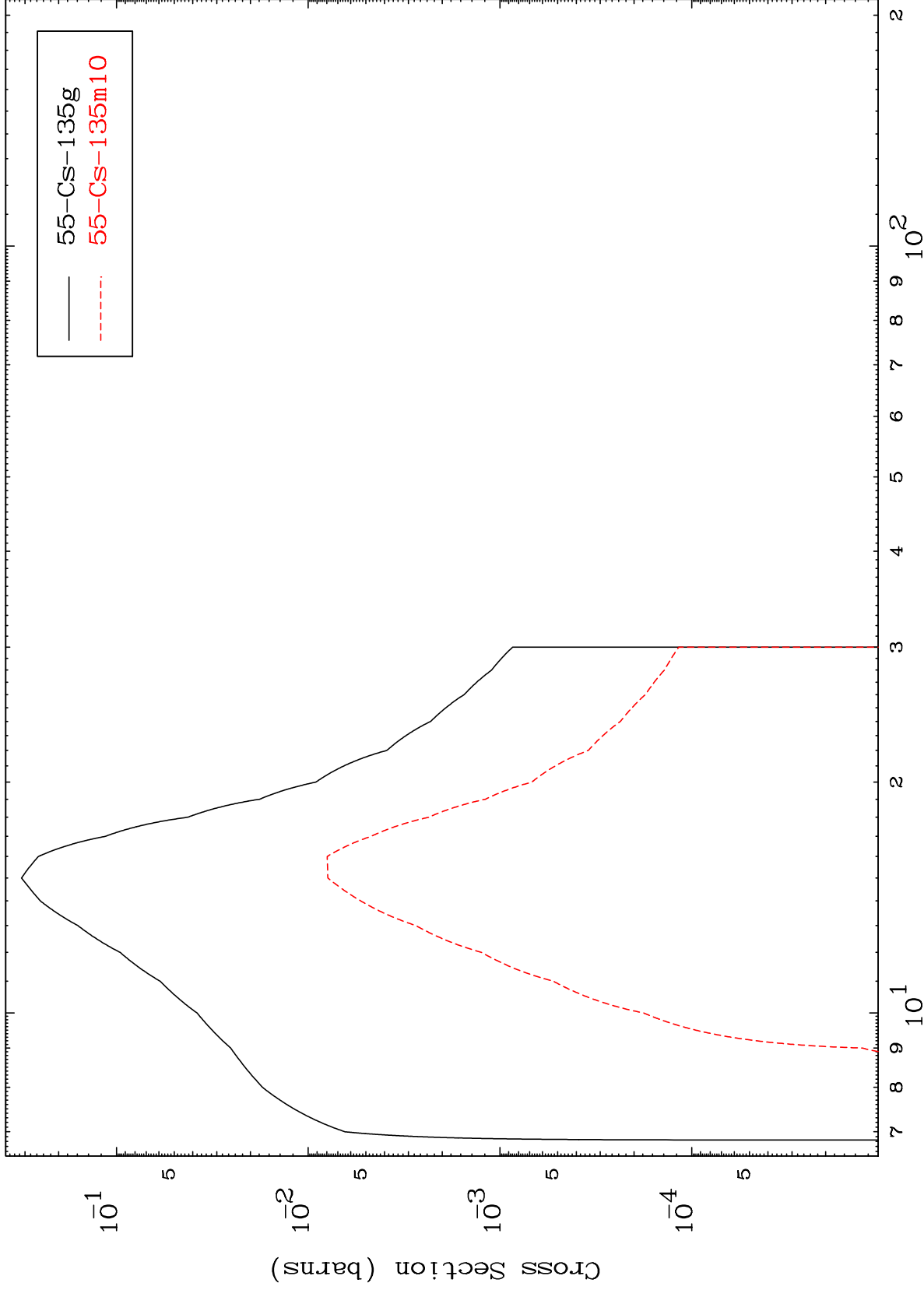
Incident Energy (MeV)

55-Cs-136

MAT 5534

Photon Inelastic  
Radionuclide Production Cross Section

55-Cs-136



9

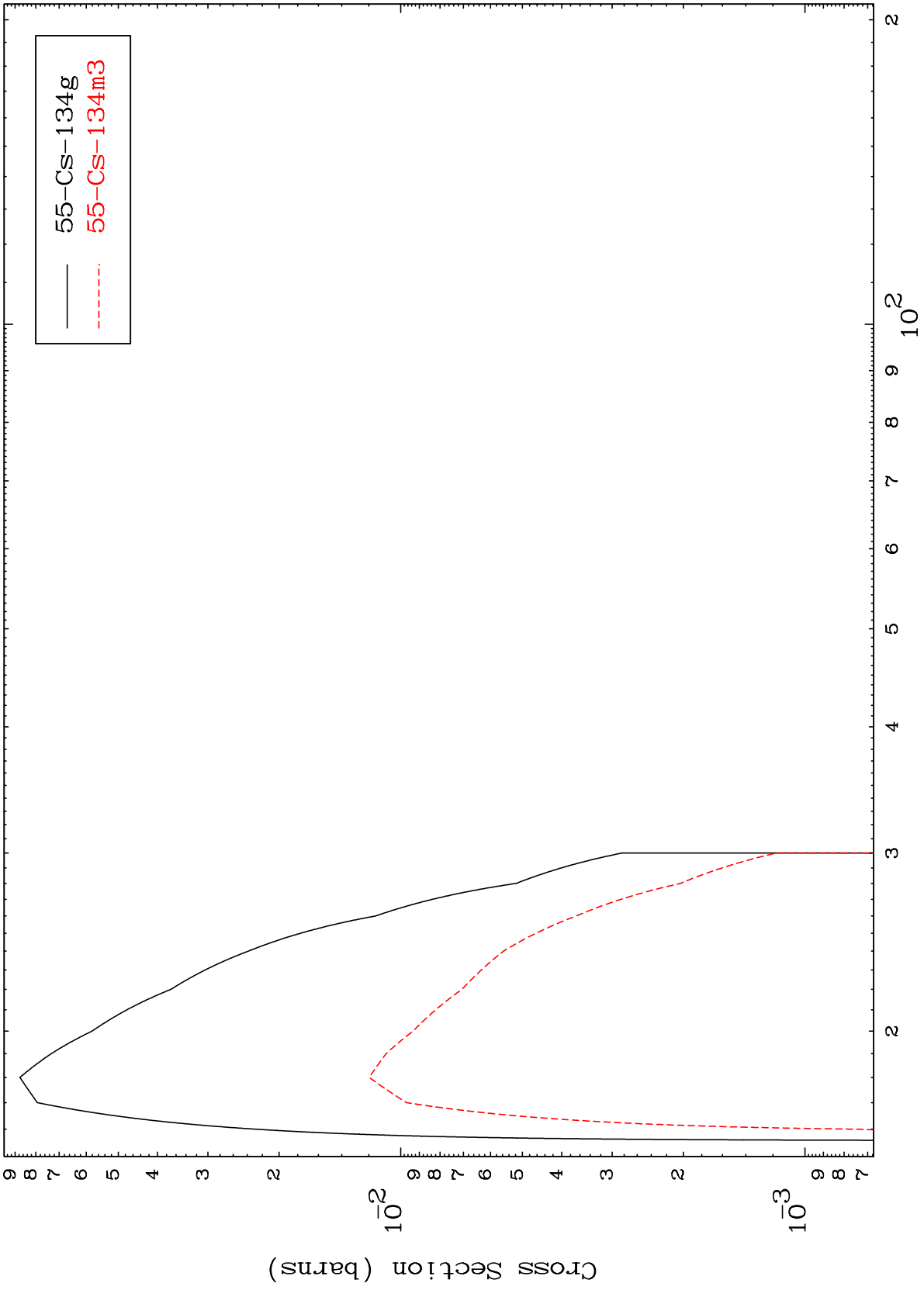
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

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



10

Incident Energy (MeV)

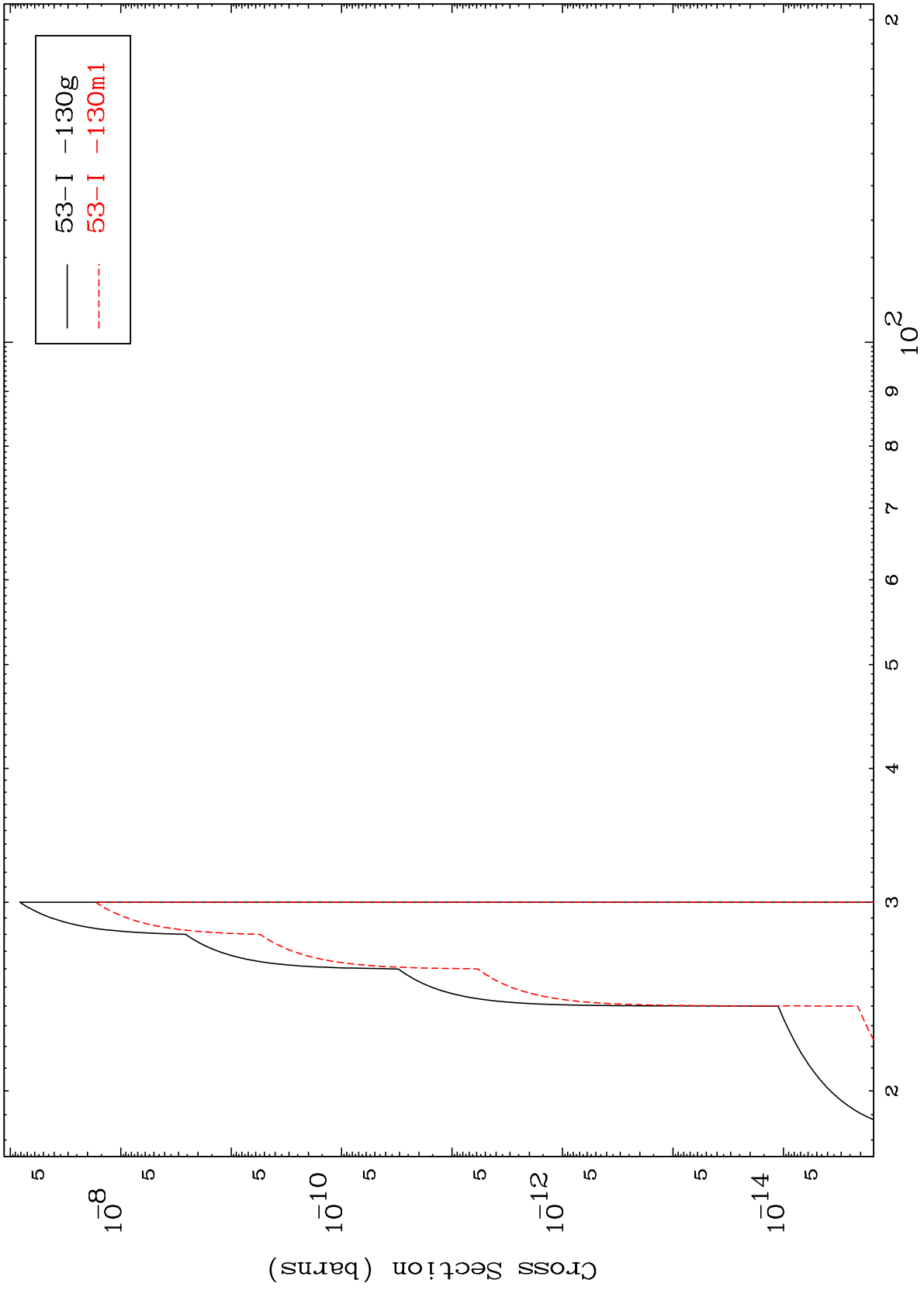
55-Cs-136

MAT 5534

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

55-Cs-136

Radionuclide Production Cross Section



11

Incident Energy (MeV)

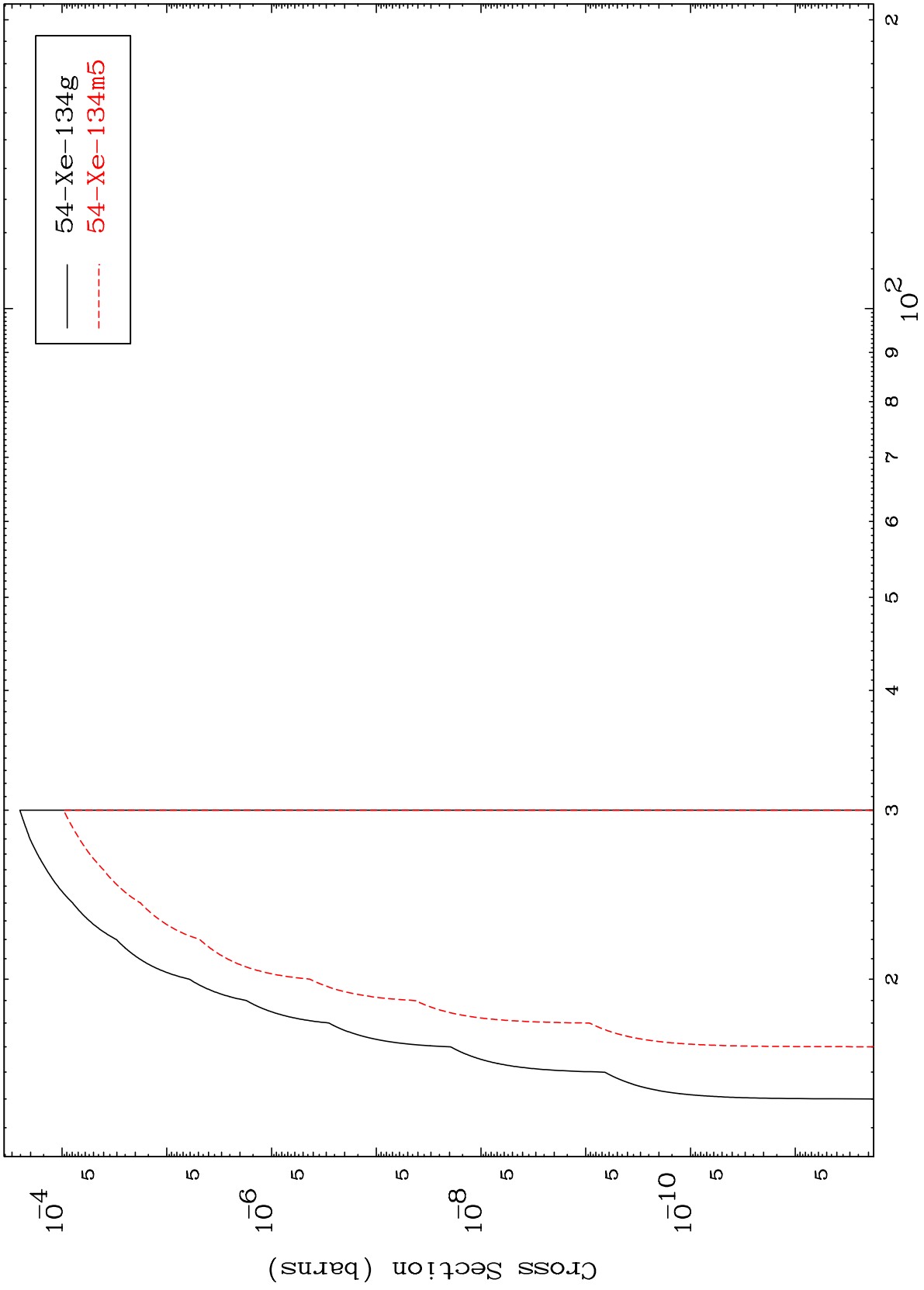
55-Cs-136

MAT 5534

( $\gamma, n'$ ) p

55-Cs-136

Radionuclide Production Cross Section



12

Incident Energy (MeV)

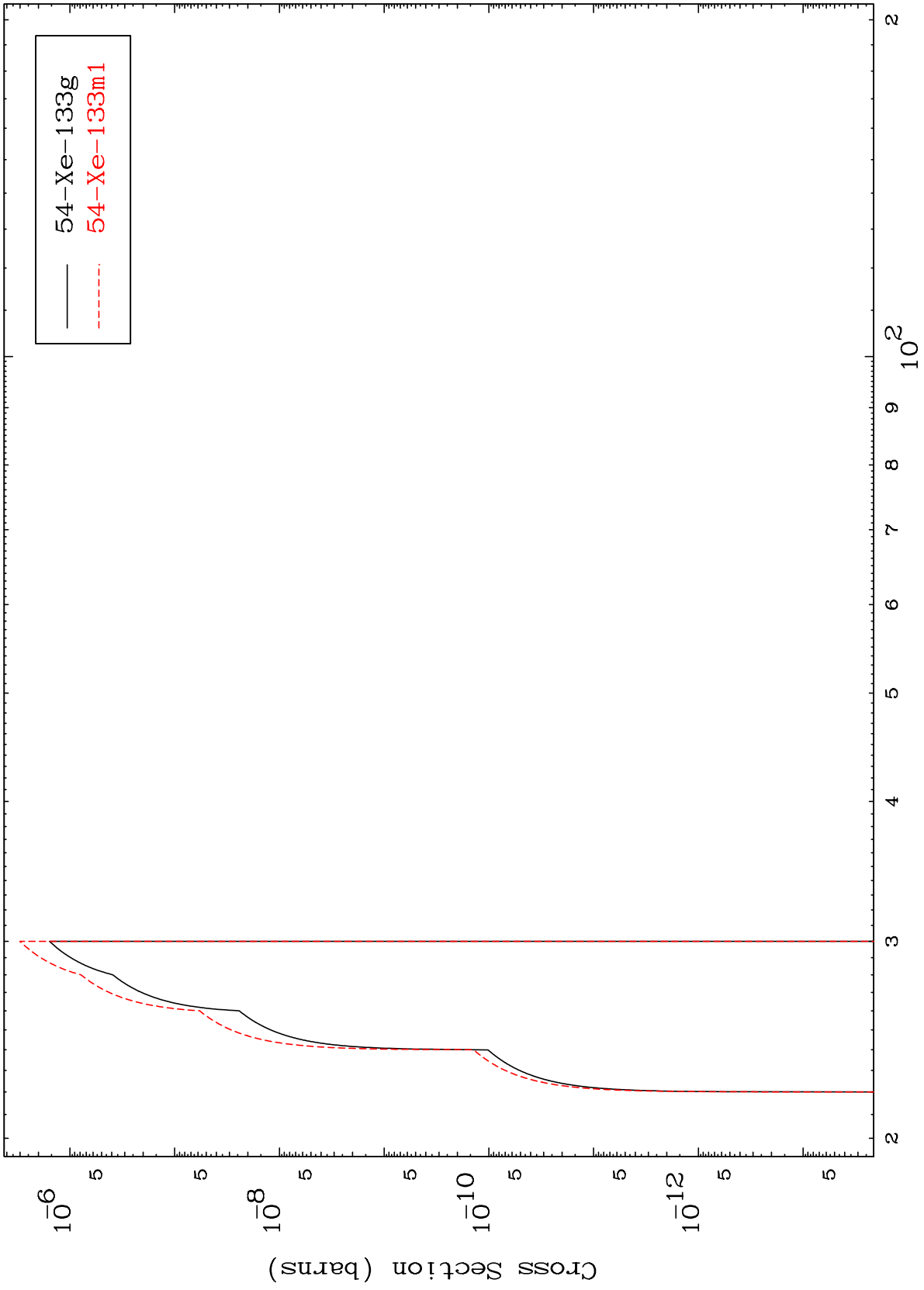
55-Cs-136

MAT 5534

( $\gamma, n'$ ) d

55-Cs-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

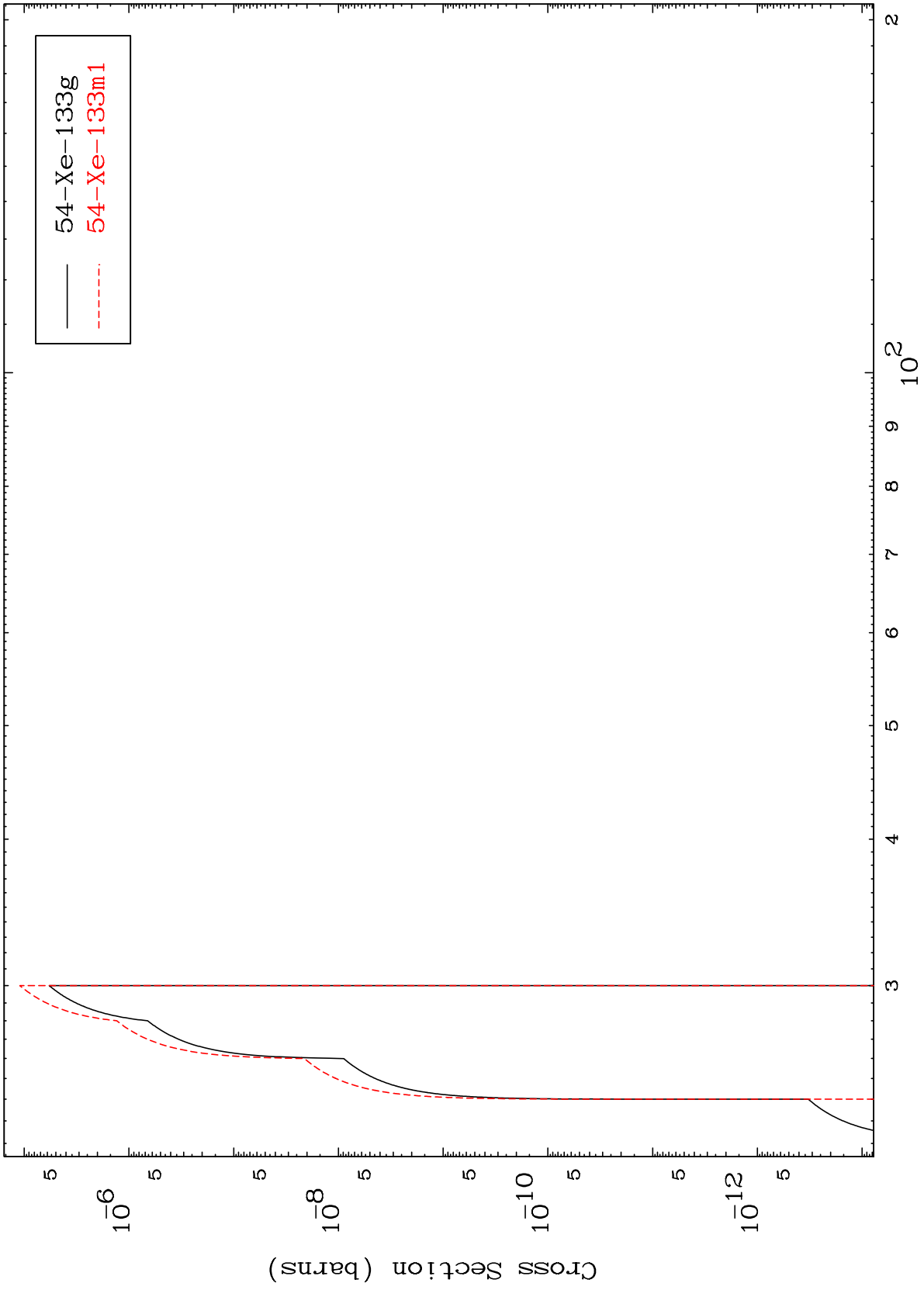
55-Cs-136

MAT 5534

( $\gamma, 2n$ ) p

55-Cs-136

Radionuclide Production Cross Section



14

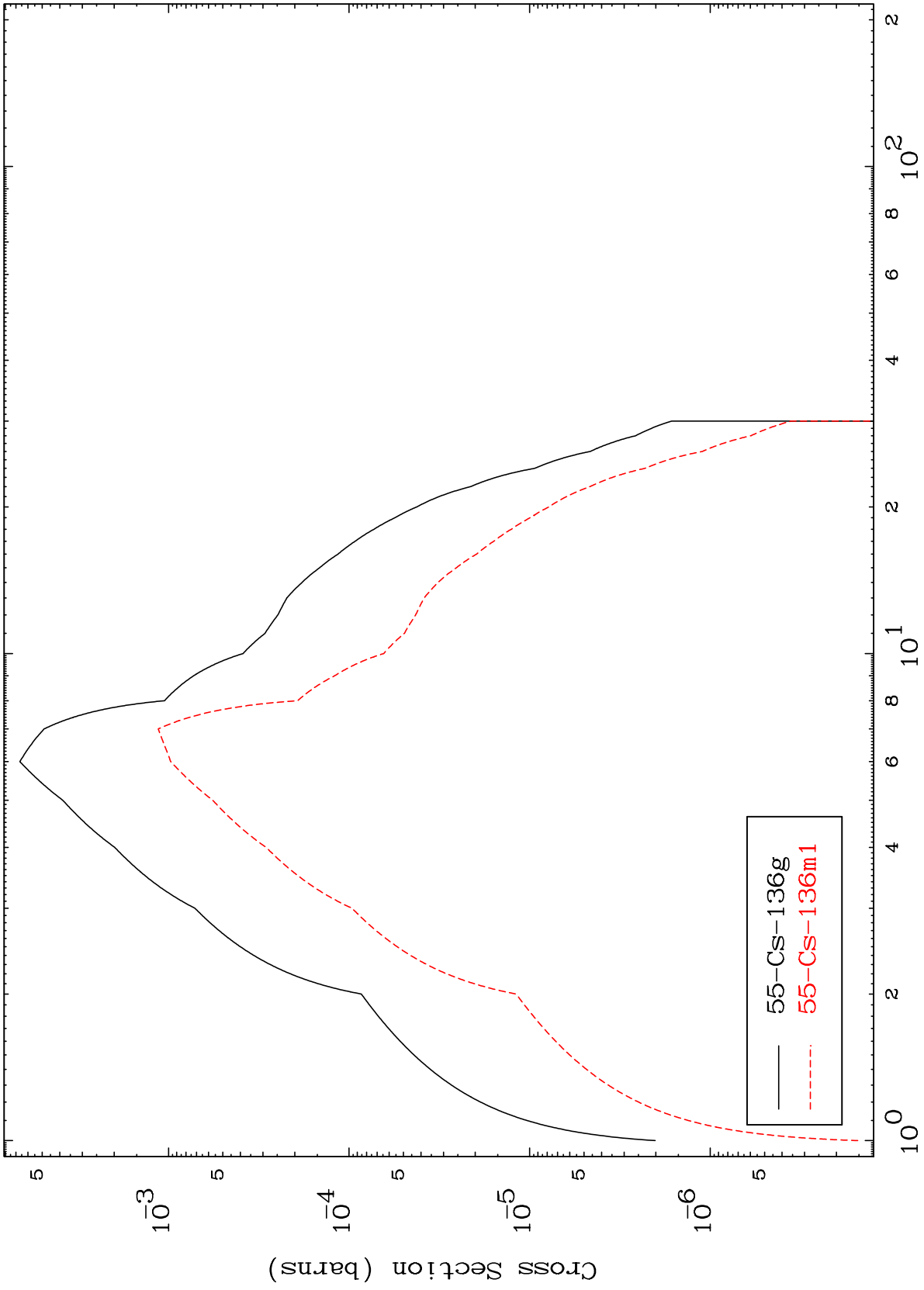
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

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



Incident Energy (MeV)

55-Cs-136

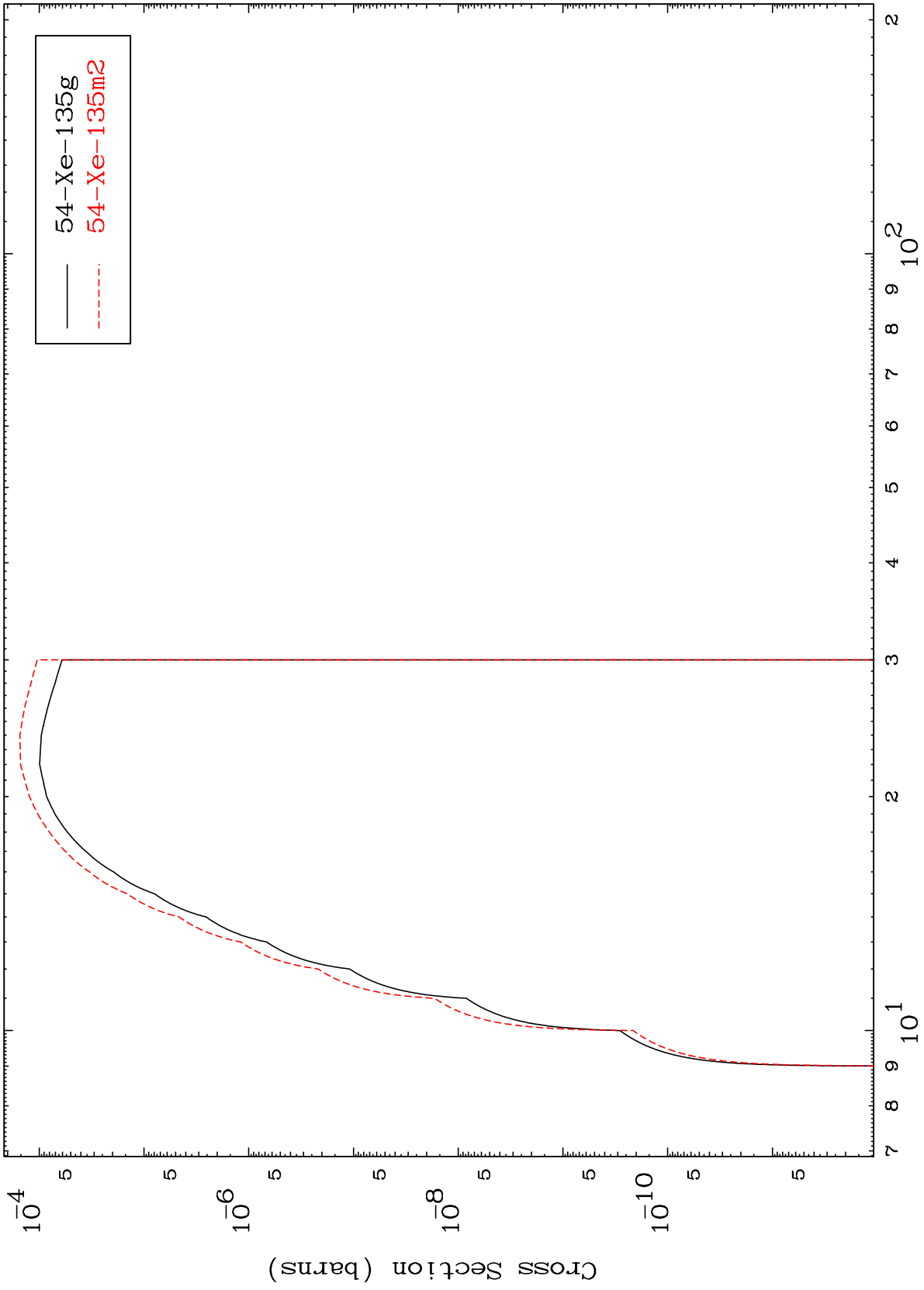
— 55-Cs-136g  
- - - 55-Cs-136m1



MAT 5534

55-Cs-136

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



16

Incident Energy (MeV)

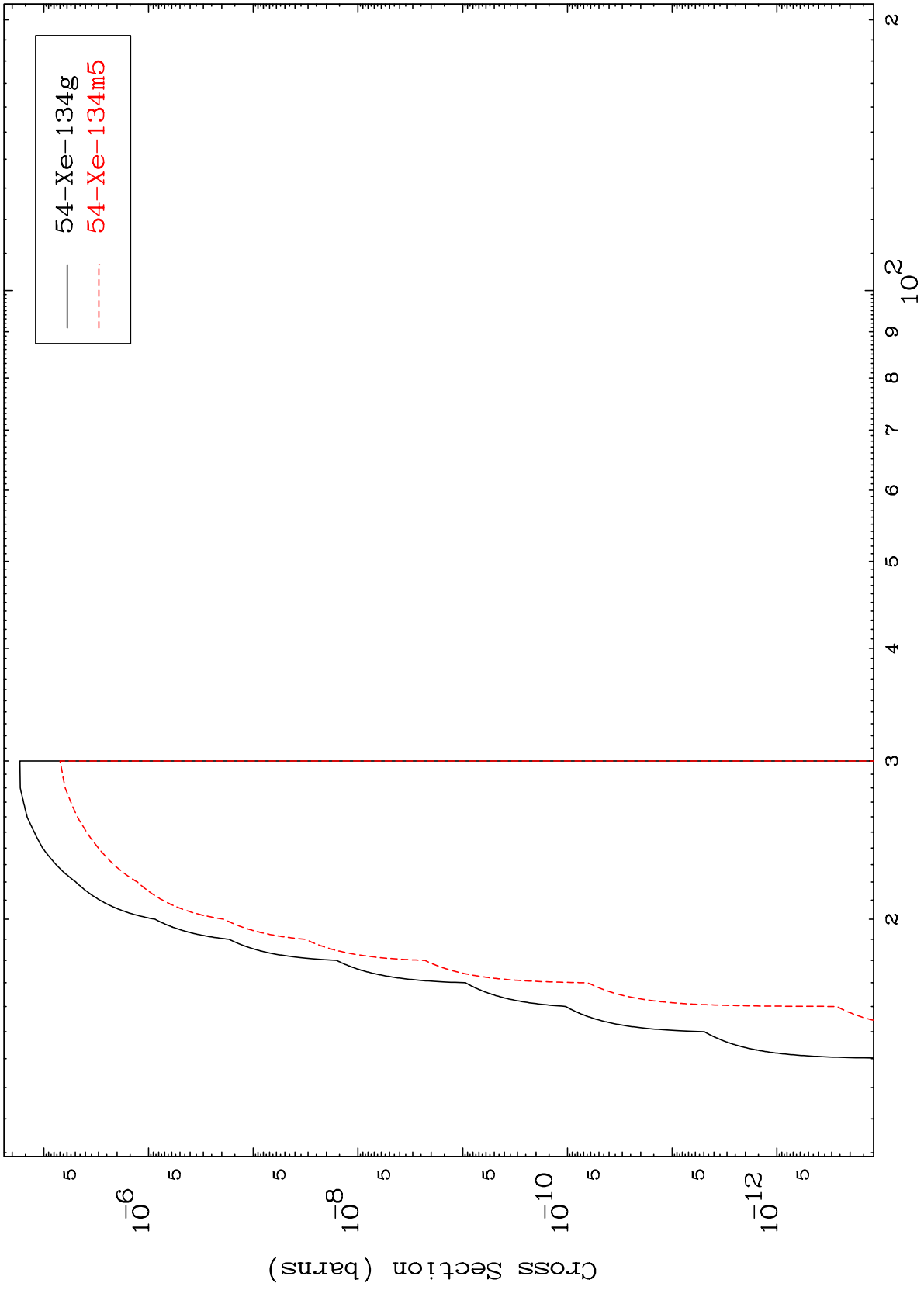
55-Cs-136

MAT 5534

( $\gamma, d$ )

55-Cs-136

Radionuclide Production Cross Section



17

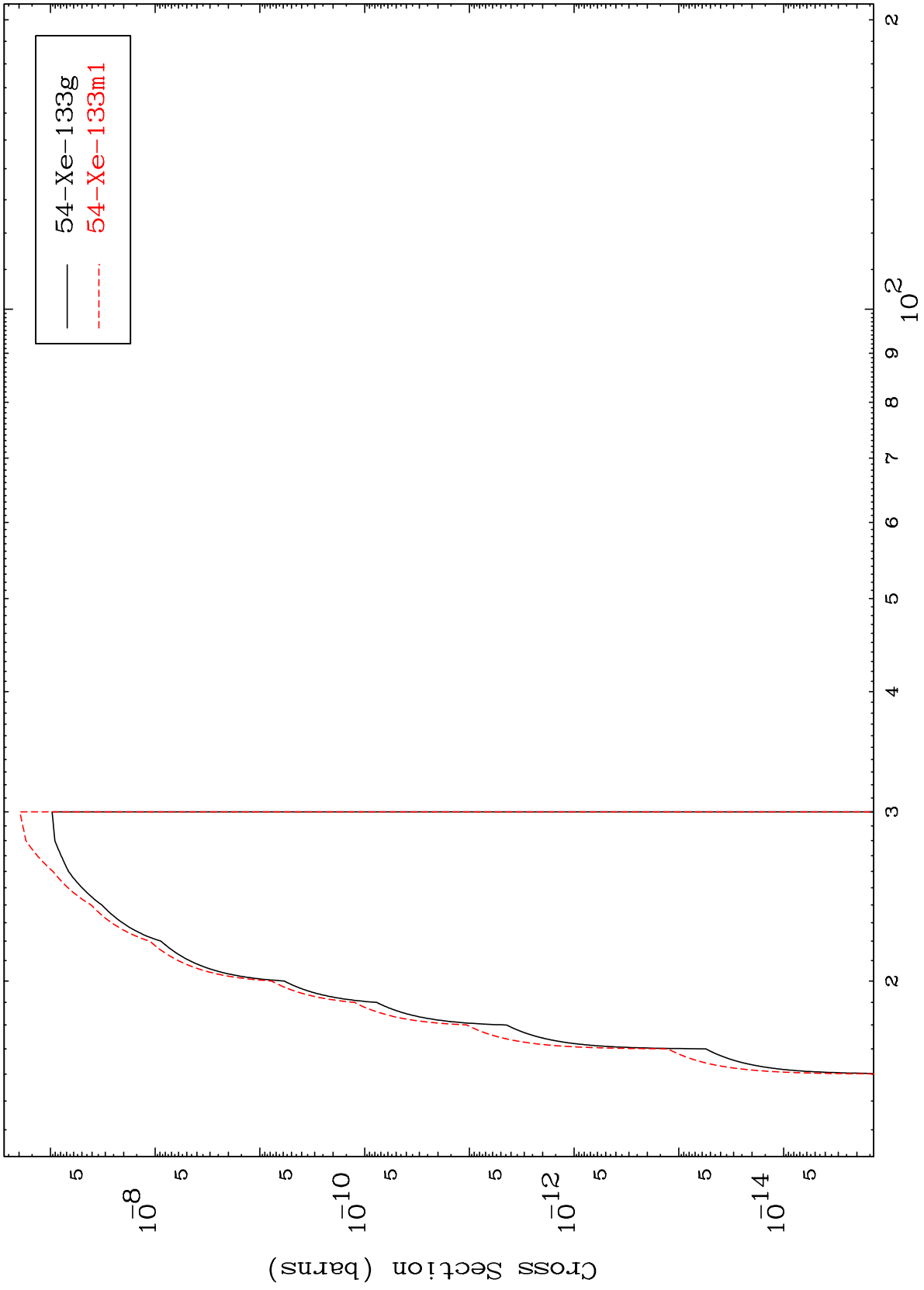
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

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



18

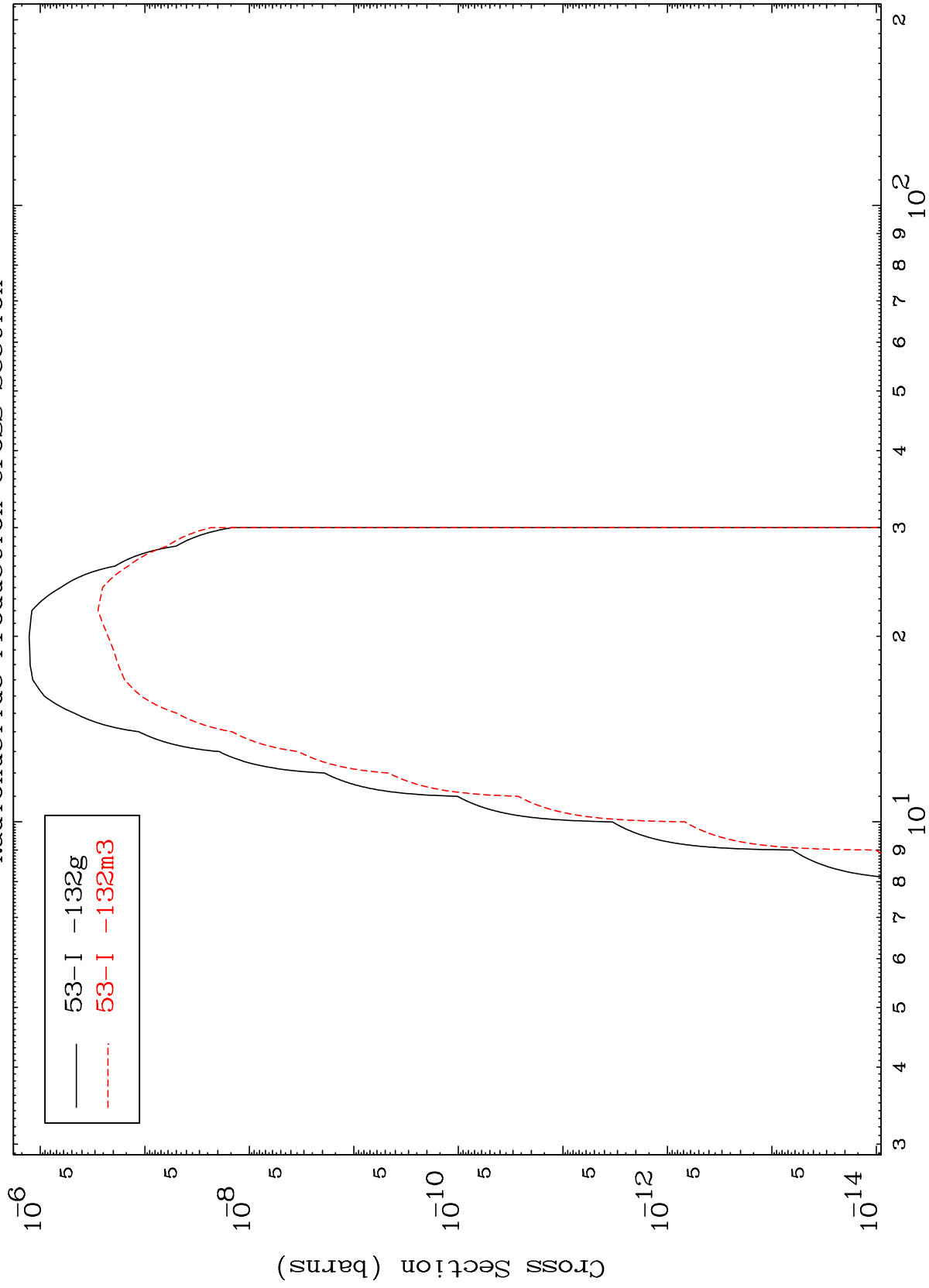
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

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



19

Incident Energy (MeV)

55-Cs-136