

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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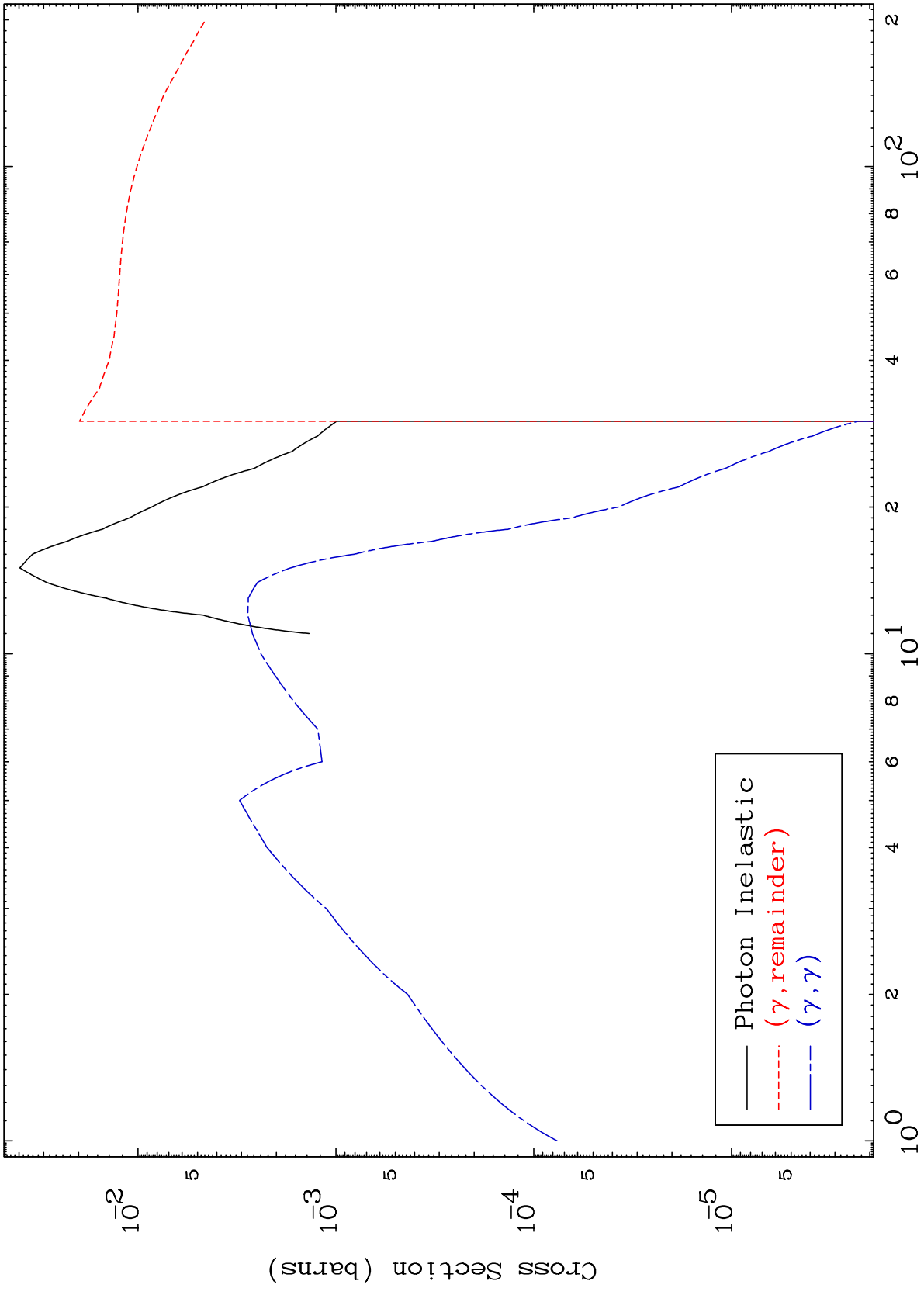
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6480

Photon Major  
0 Kelvin Cross Sections

65-Tb-144



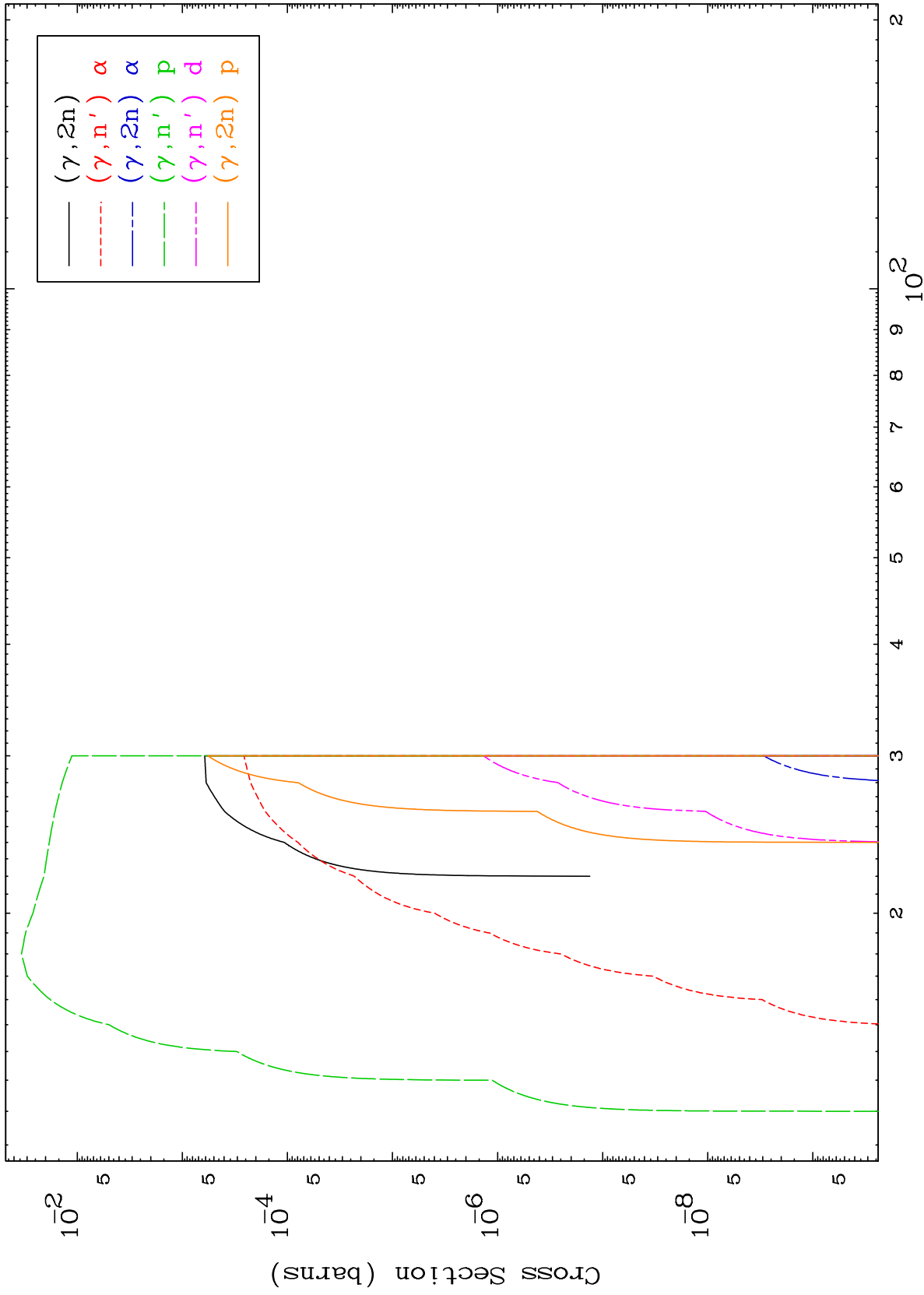
65-Tb-144

Incident Energy (MeV)

MAT 6480

Photon Neutron Production  
0 Kelvin Cross Sections

65-Tb-144



2

Incident Energy (MeV)

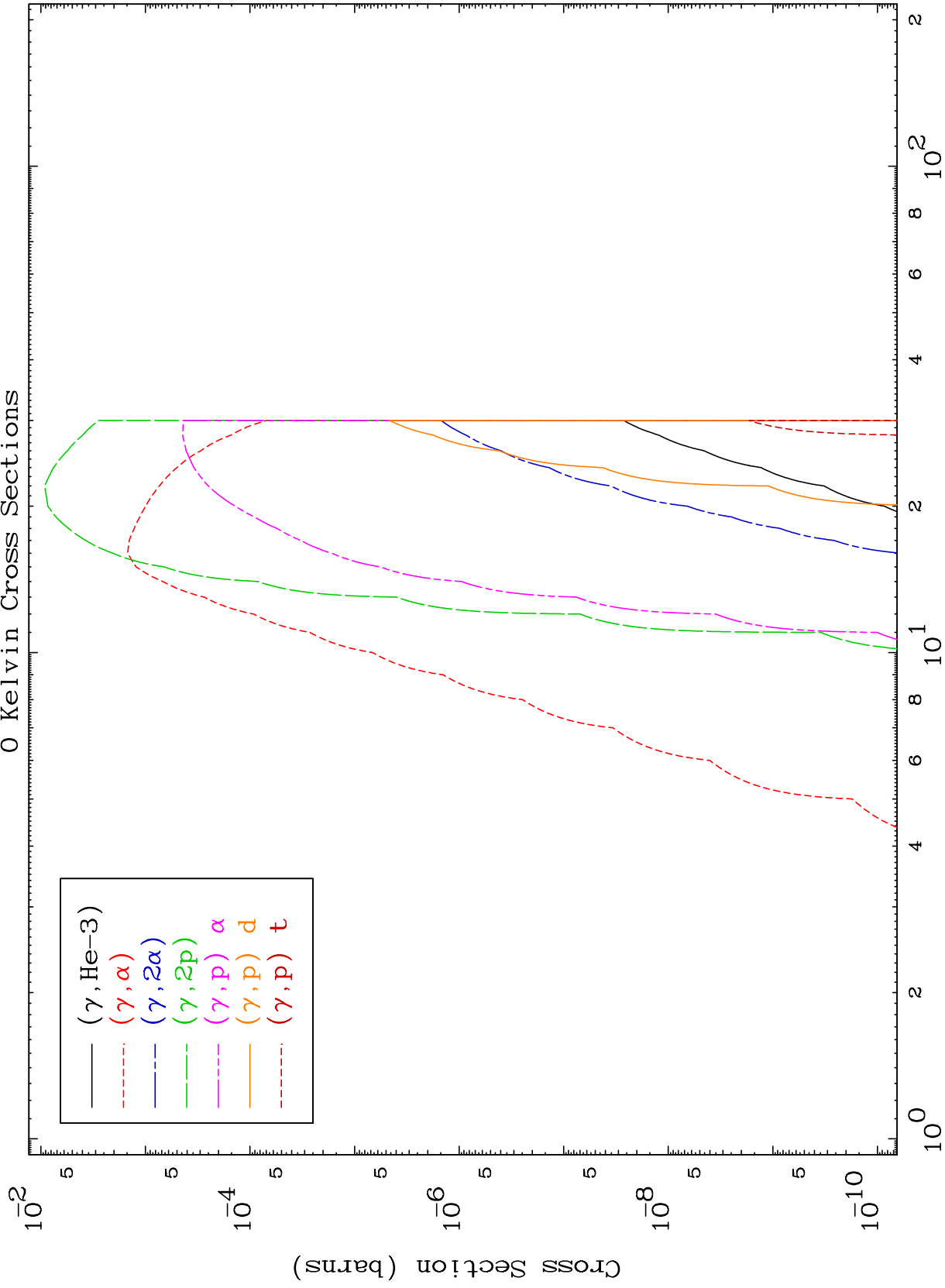
65-Tb-144



MAT 6480

Photon Charged Particle  
0 Kelvin Cross Sections

65-Tb-144



Incident Energy (MeV)

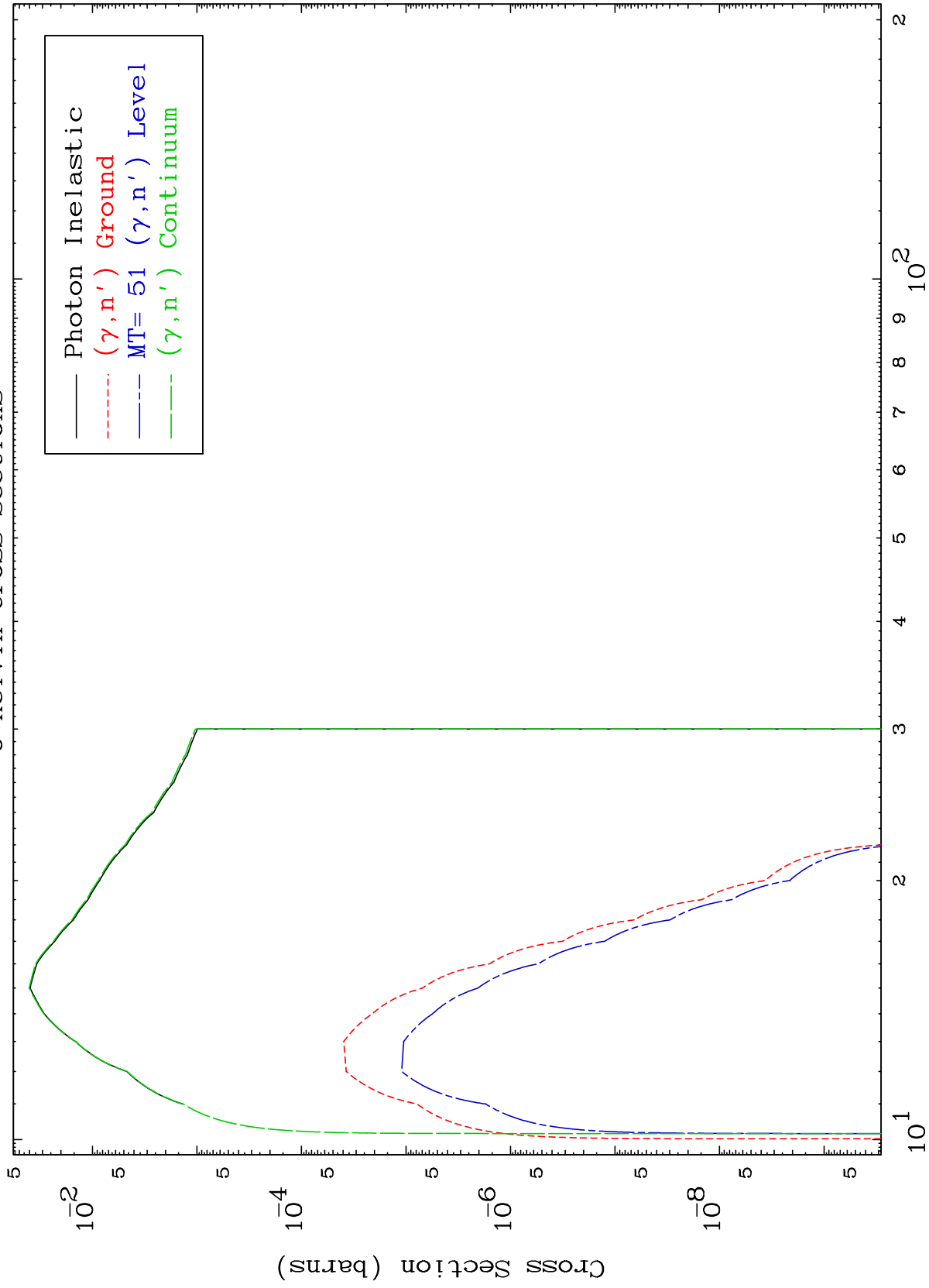
65-Tb-144

MAT 6480

$(\gamma, n')$  Level

0 Kelvin Cross Sections

65-Tb-144



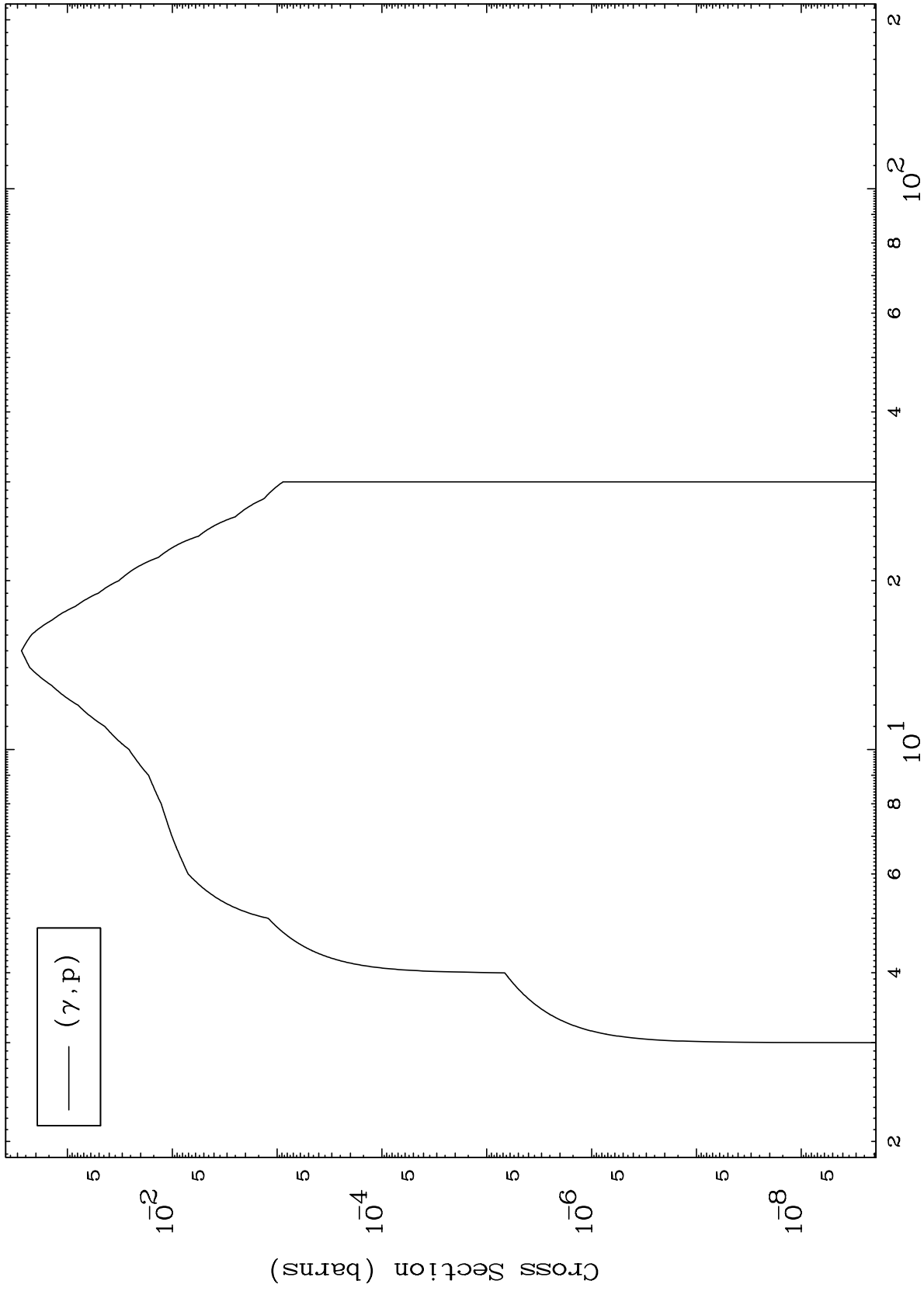
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144



6

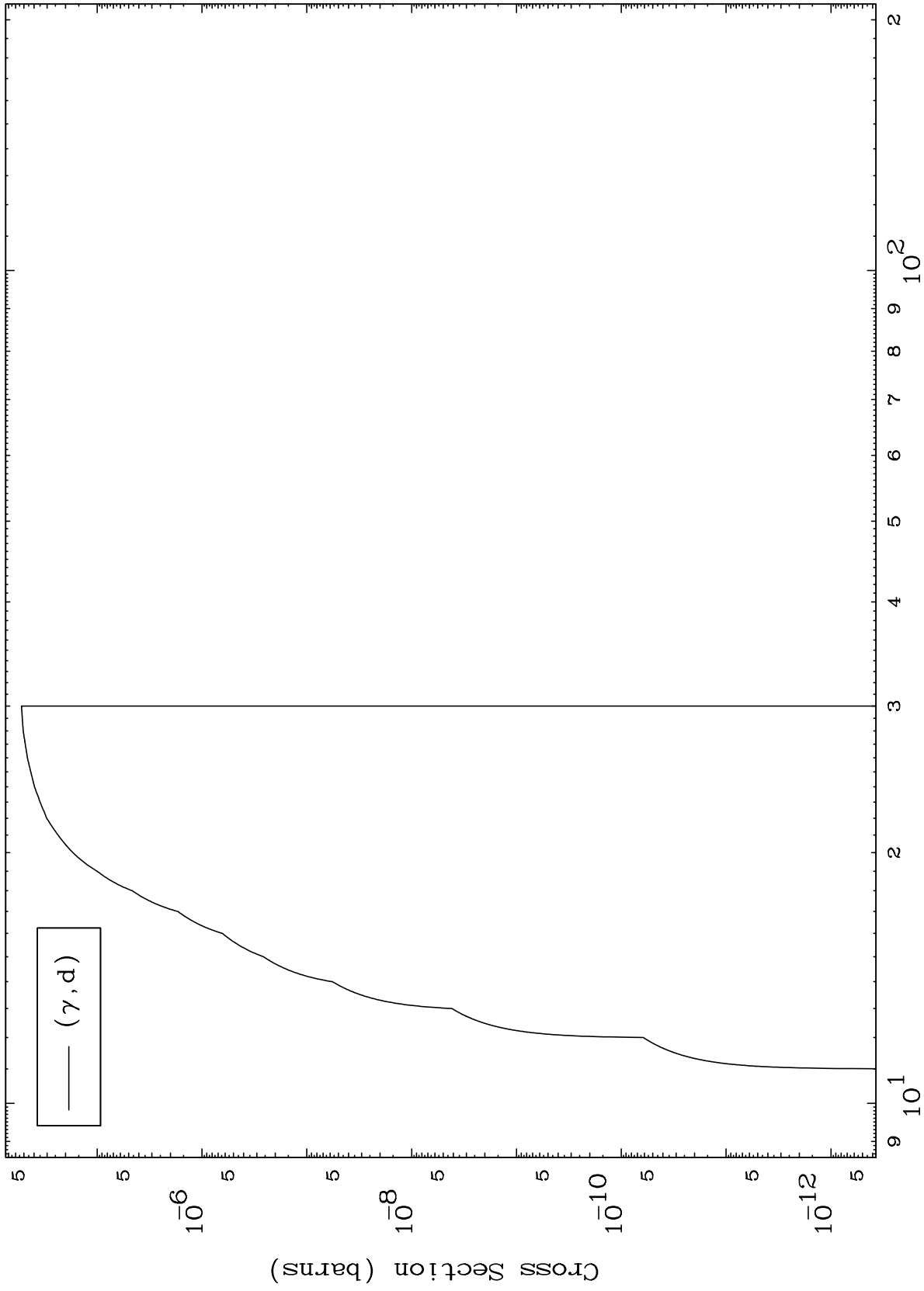
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144



$\gamma$

Incident Energy (MeV)

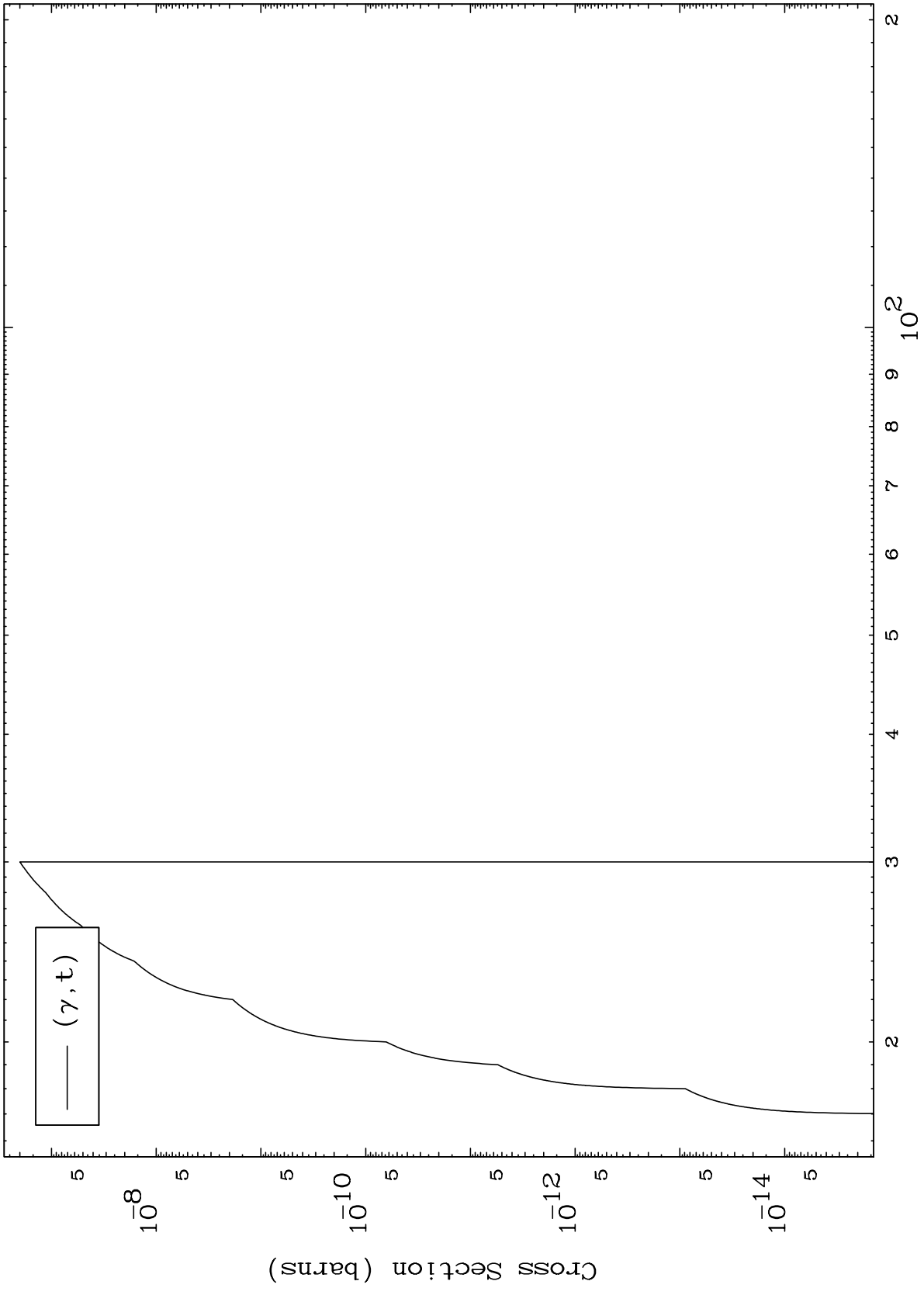
65-Tb-144



MAT 6480

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

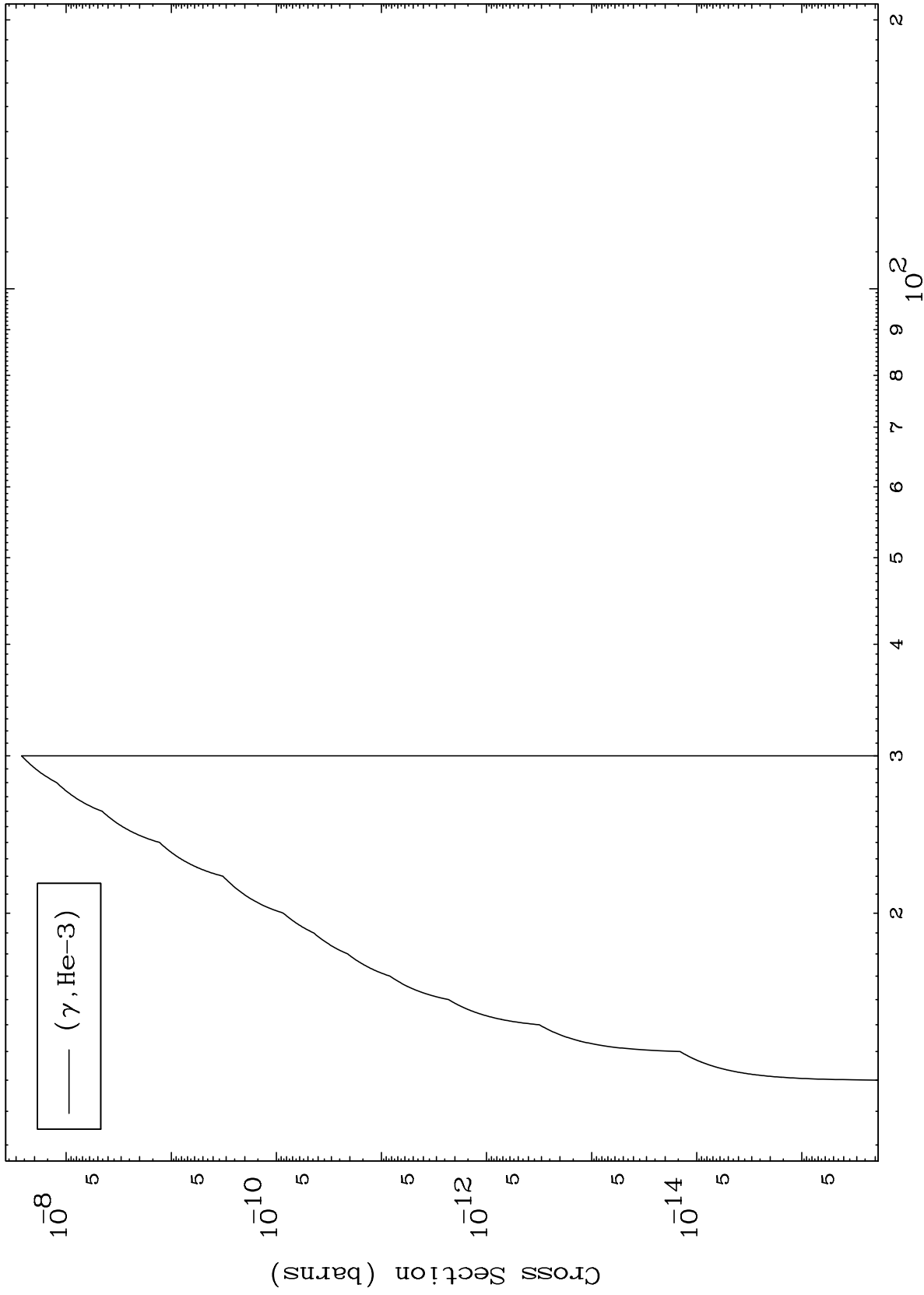
65-Tb-144



8

Incident Energy (MeV)

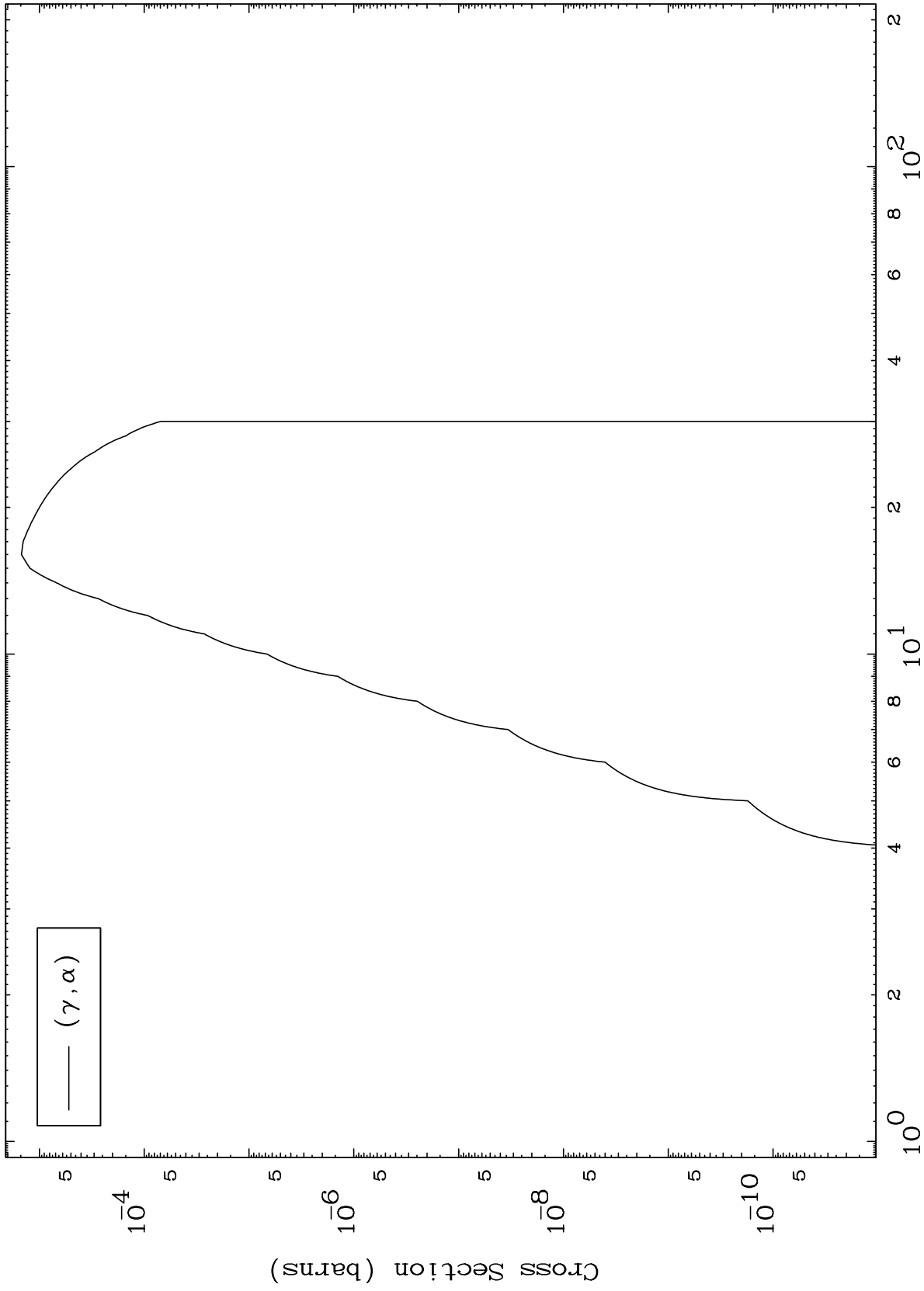
65-Tb-144



MAT 6480

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

65-Tb-144



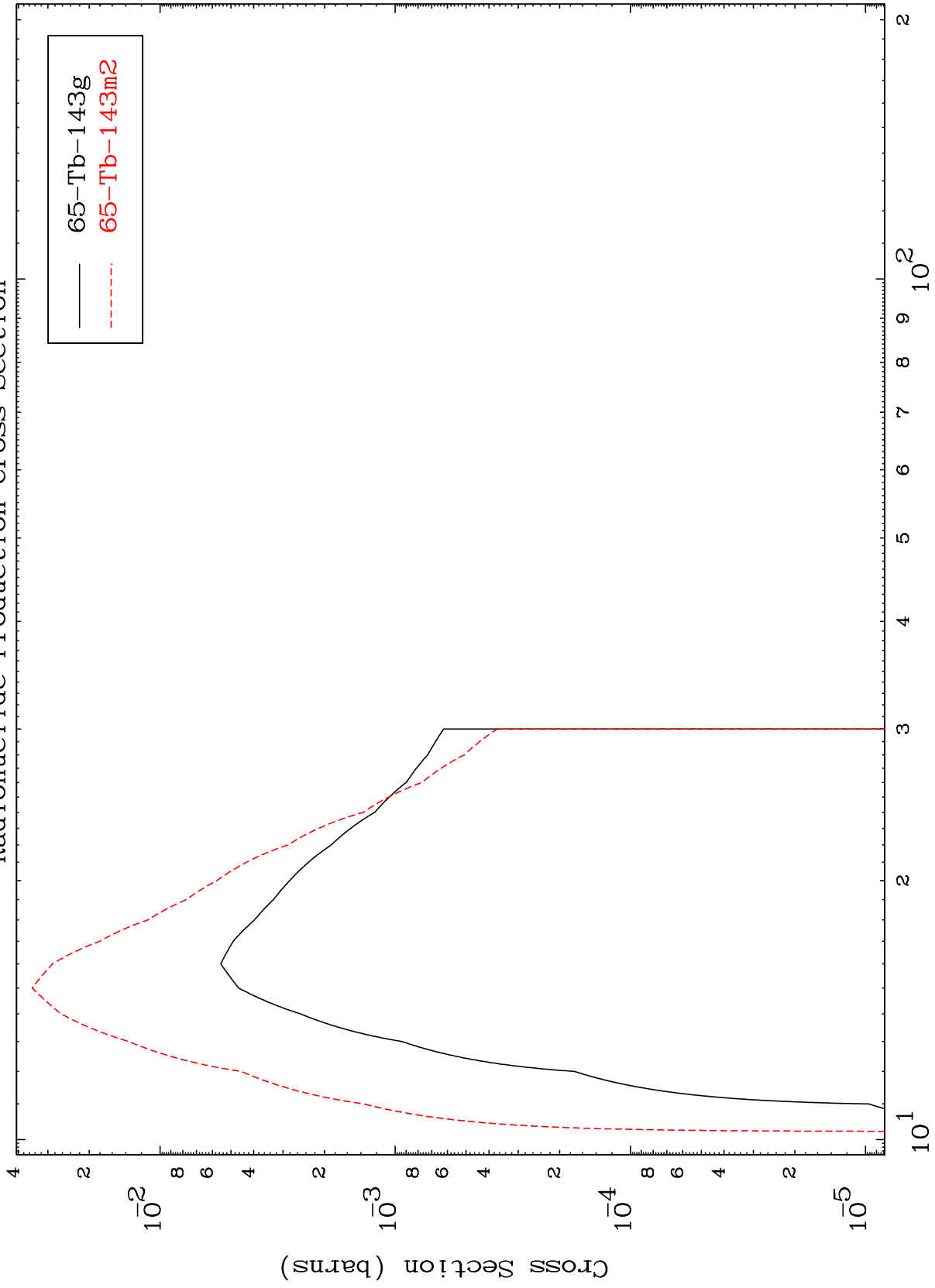
Incident Energy (MeV)

65-Tb-144

MAT 6480

Photon Inelastic  
Radionuclide Production Cross Section

65-Tb-144



65-Tb-143g  
65-Tb-143m2

11

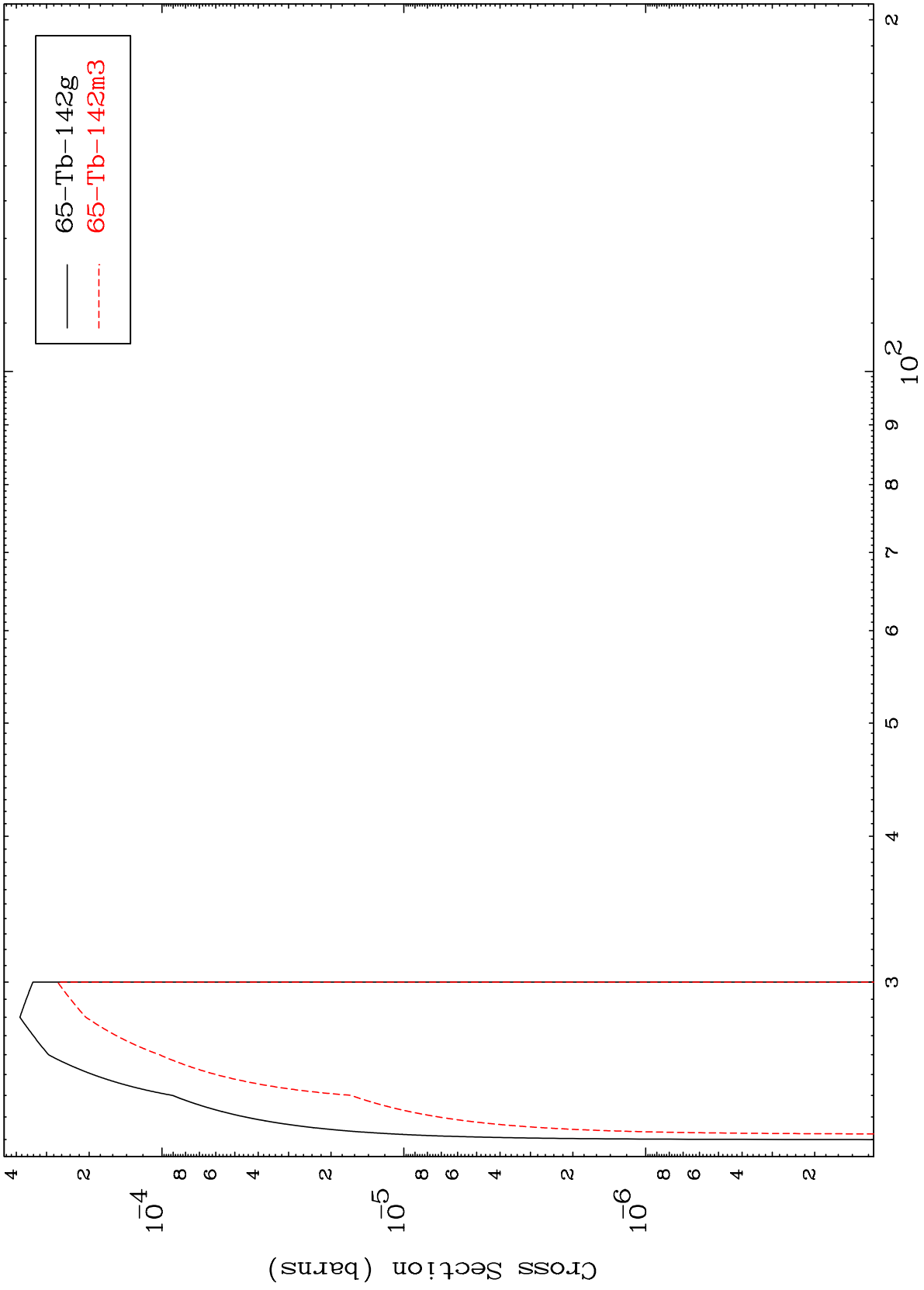
Incident Energy (MeV)

65-Tb-144

MAT 6480

65-Tb-144

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



12

Incident Energy (MeV)

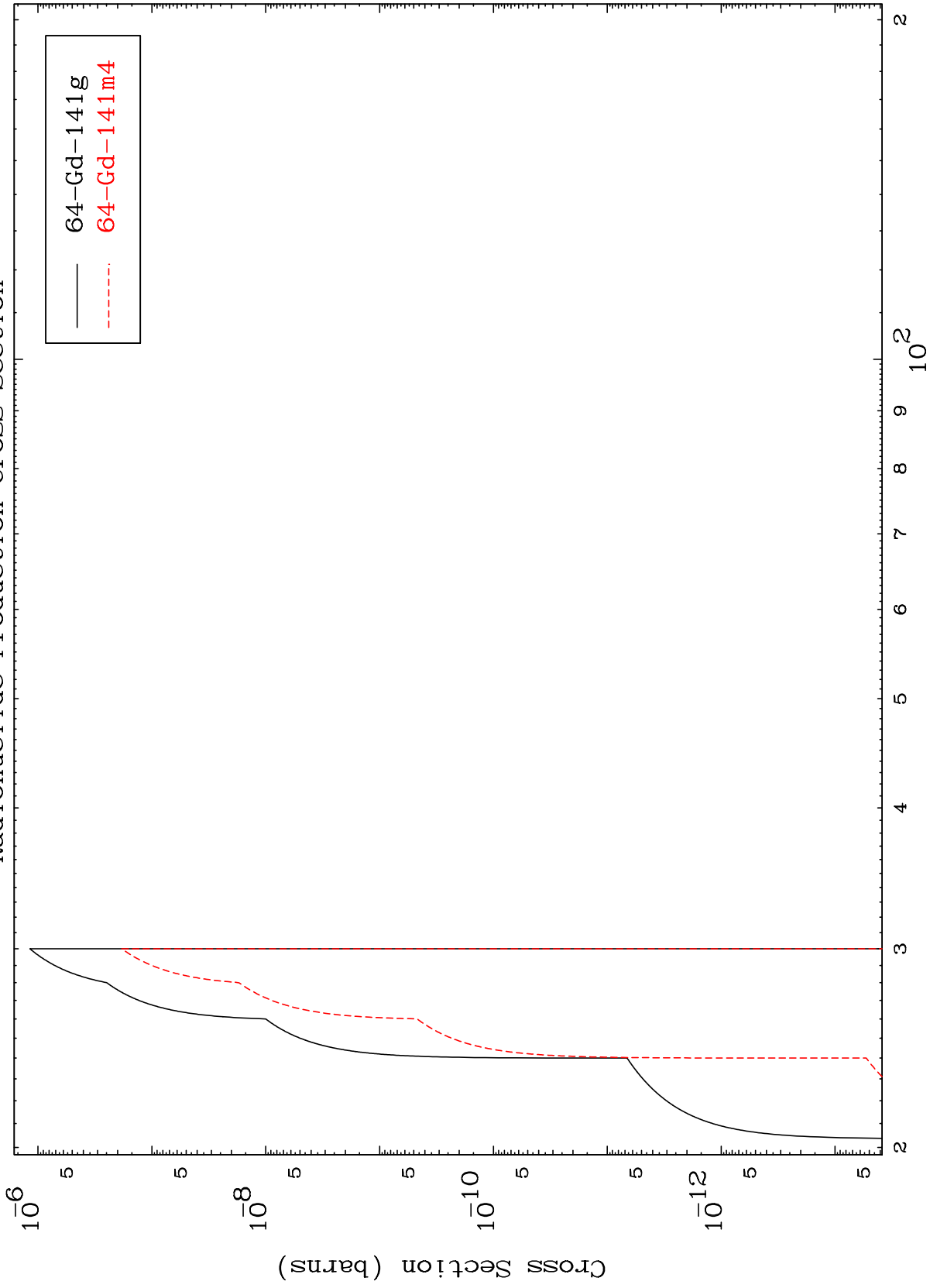
65-Tb-144

MAT 6480

( $\gamma, n'$ ) d

65-Tb-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

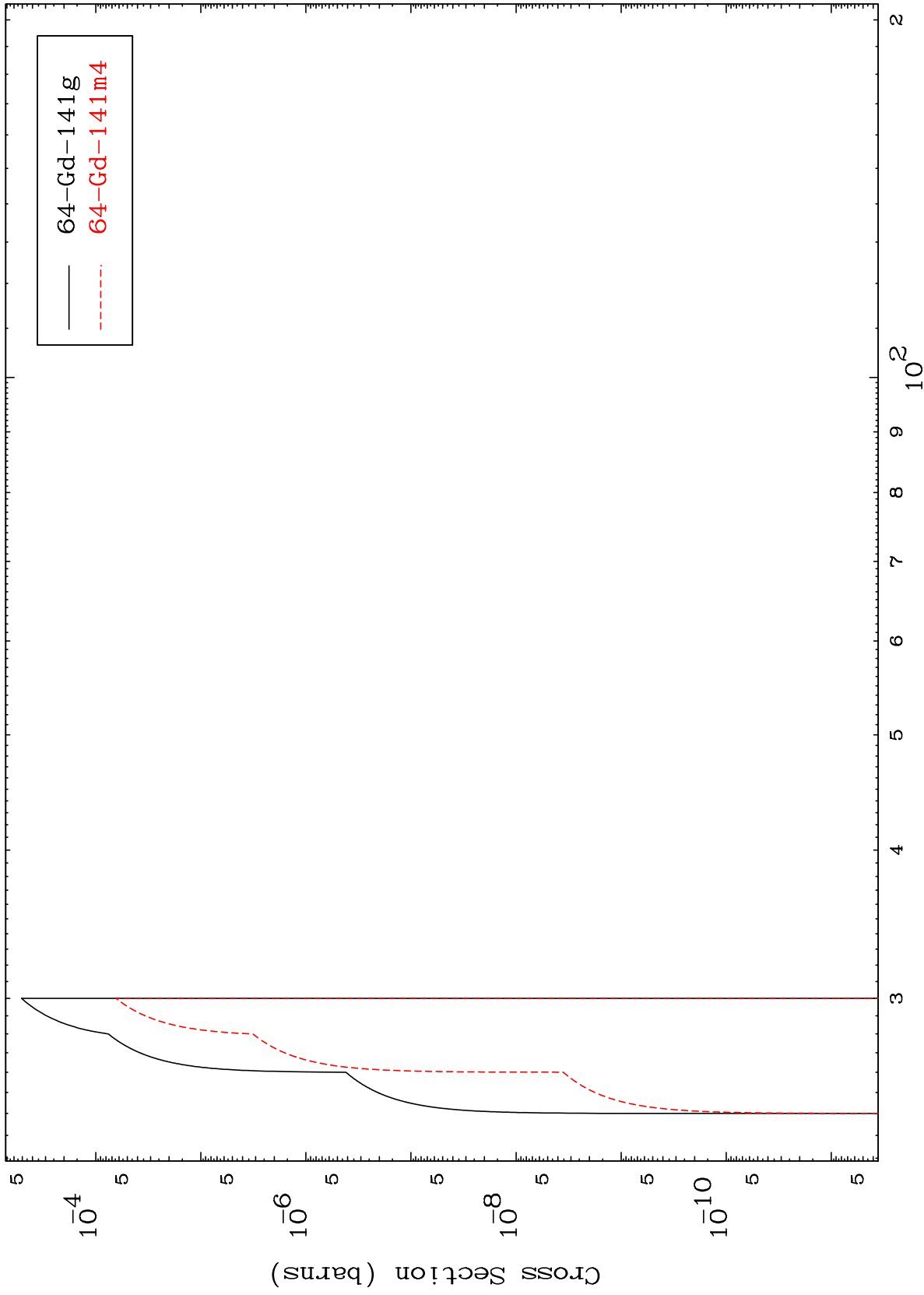
65-Tb-144

MAT 6480

( $\gamma, 2n$ ) p

65-Tb-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

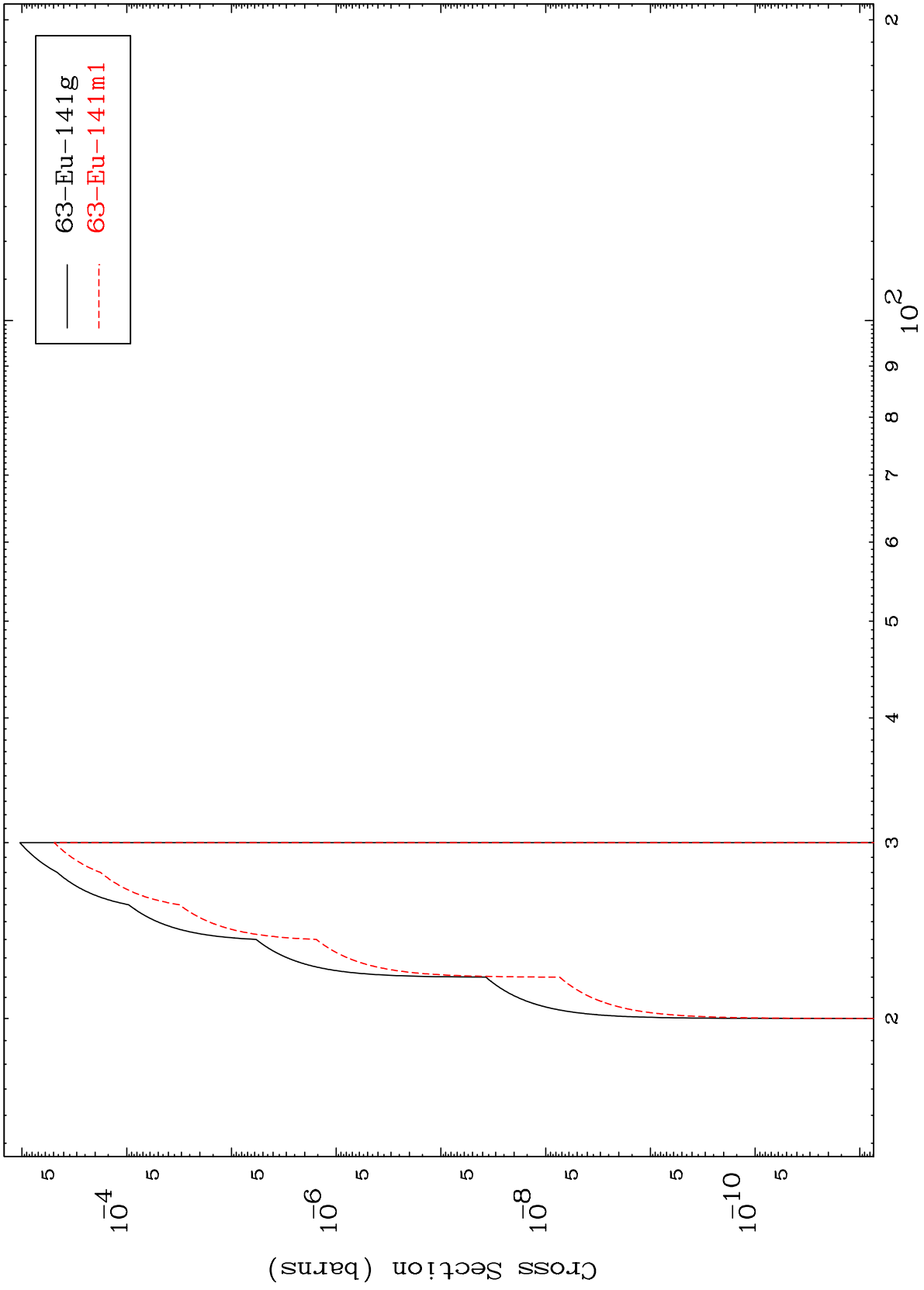
65-Tb-144

MAT 6480

( $\gamma, 2n$ ) p

65-Tb-144

Radionuclide Production Cross Section



15

Incident Energy (MeV)

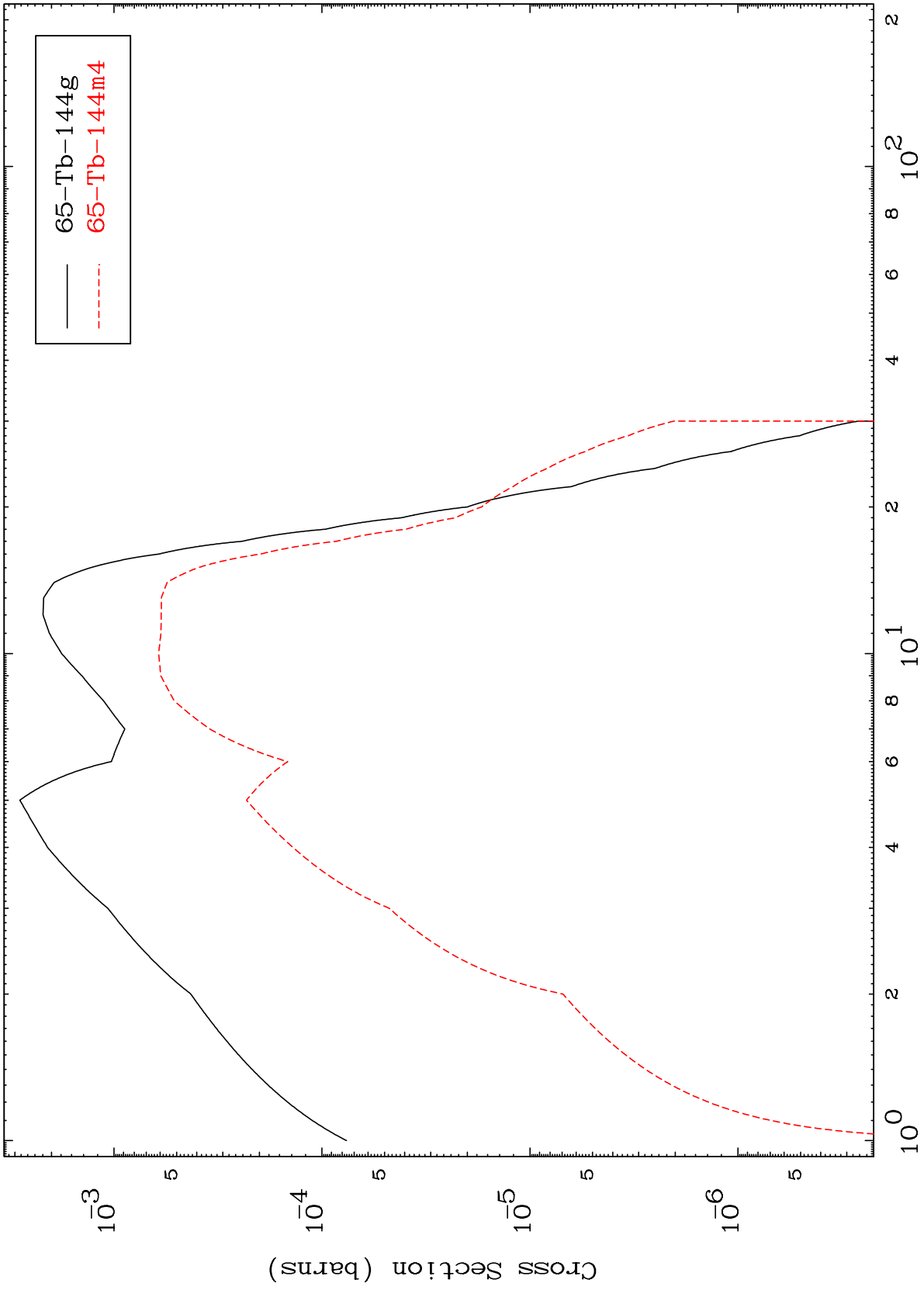
65-Tb-144



MAT 6480

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

65-Tb-144



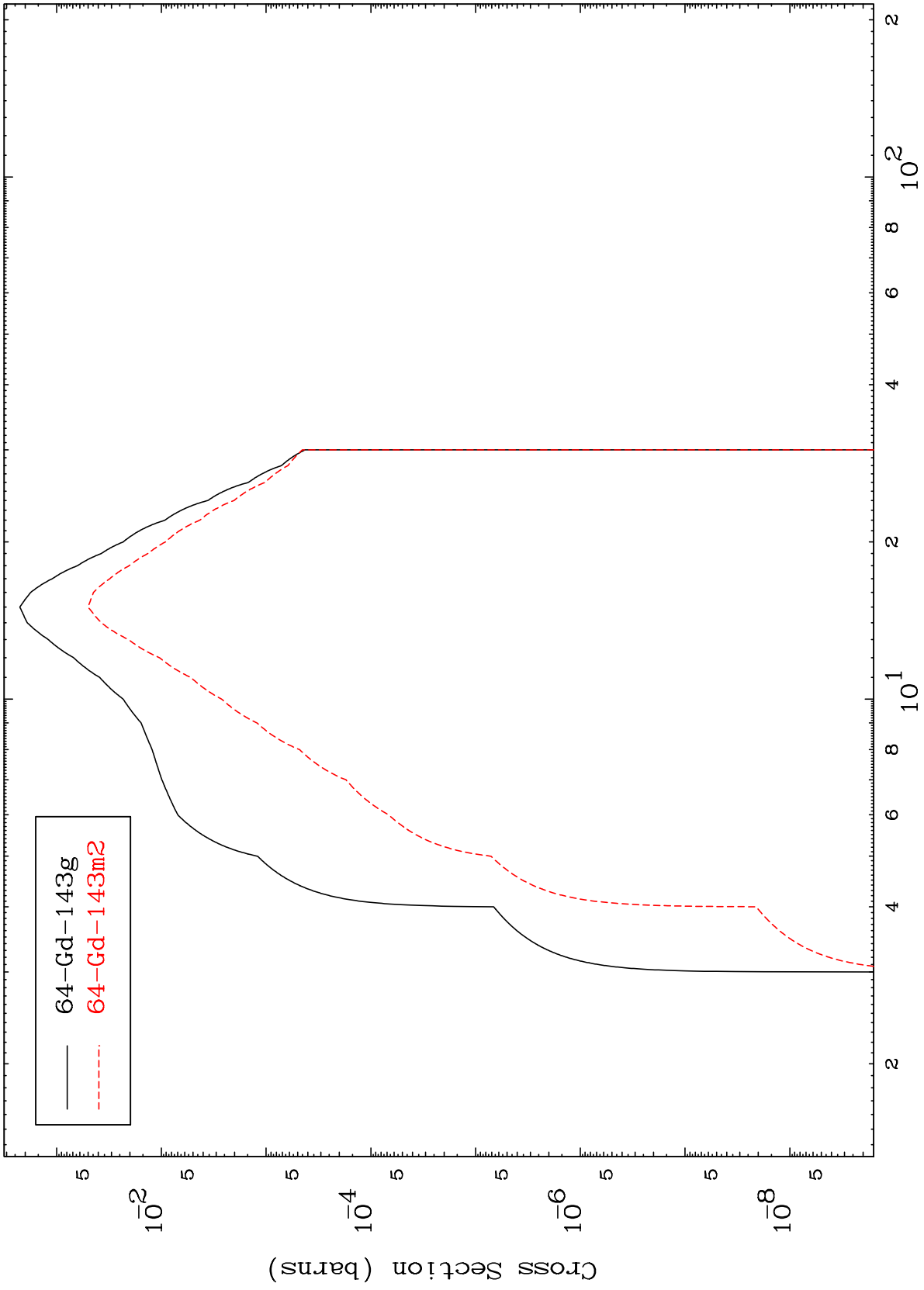
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

$^{65}\text{Tb-144}$



17

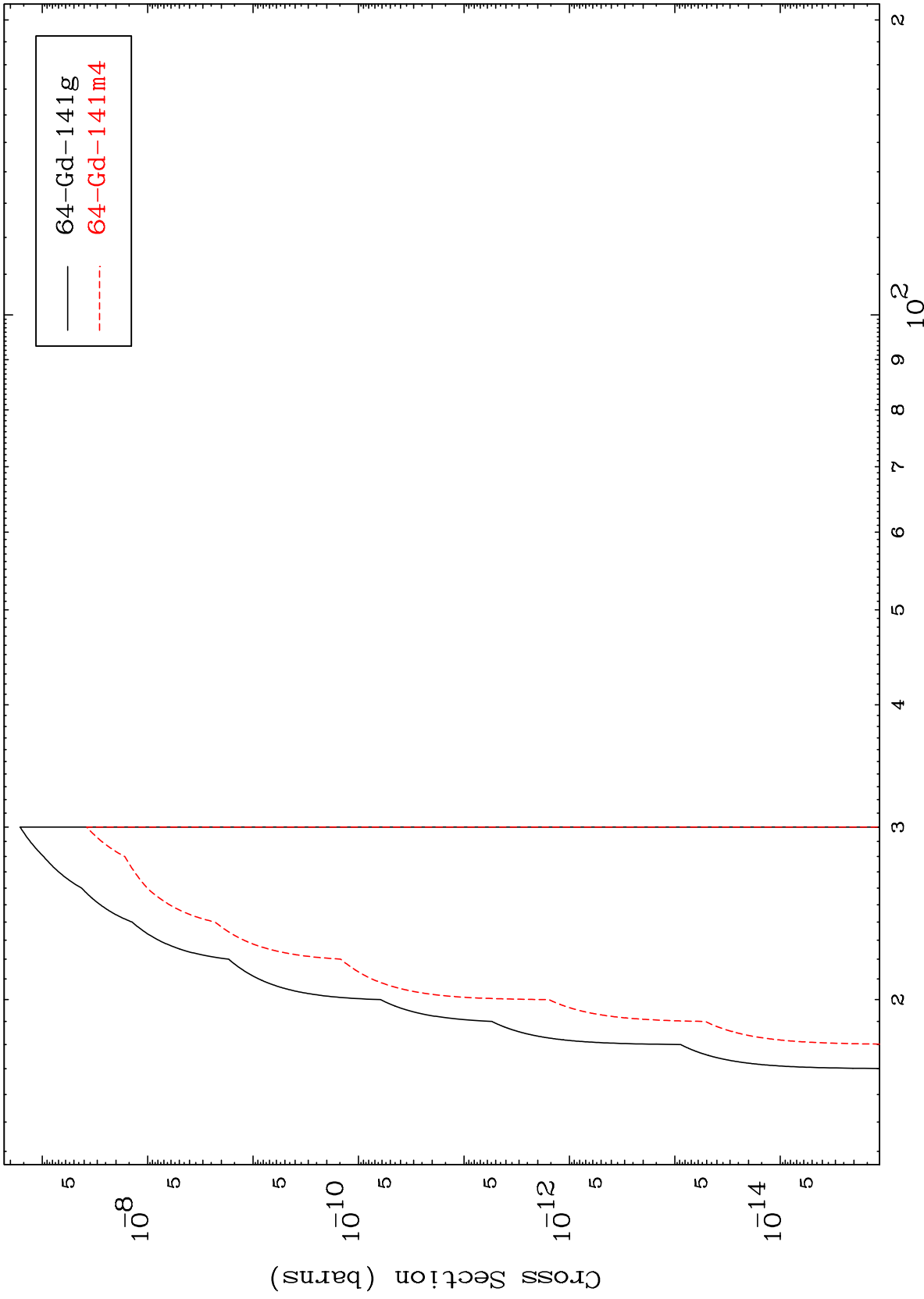
Incident Energy (MeV)

$^{65}\text{Tb-144}$

MAT 6480

65-Tb-144

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



18

Incident Energy (MeV)

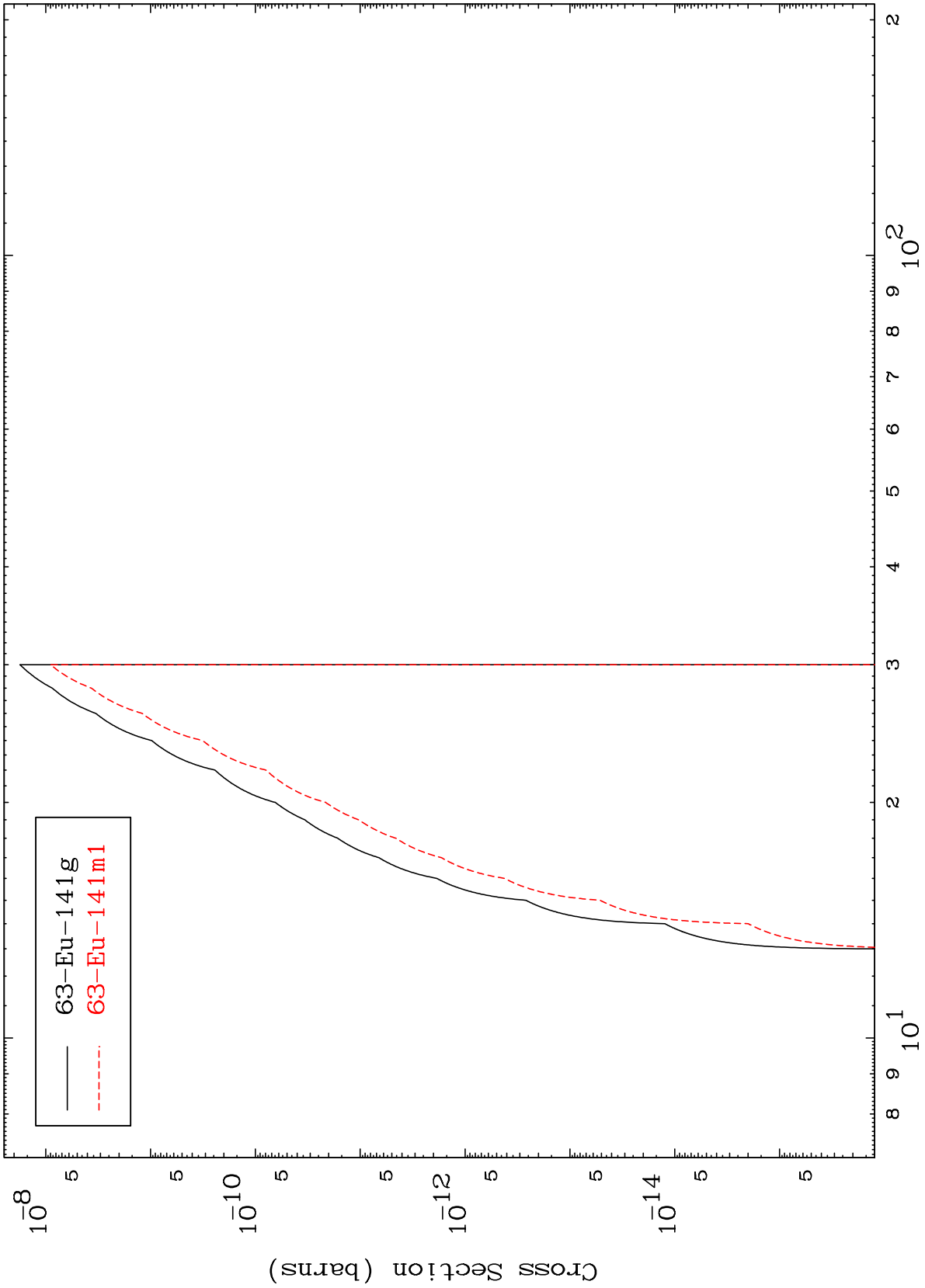
65-Tb-144

MAT 6480

( $\gamma, \text{He-3}$ )

65-Tb-144

Radionuclide Production Cross Section



19

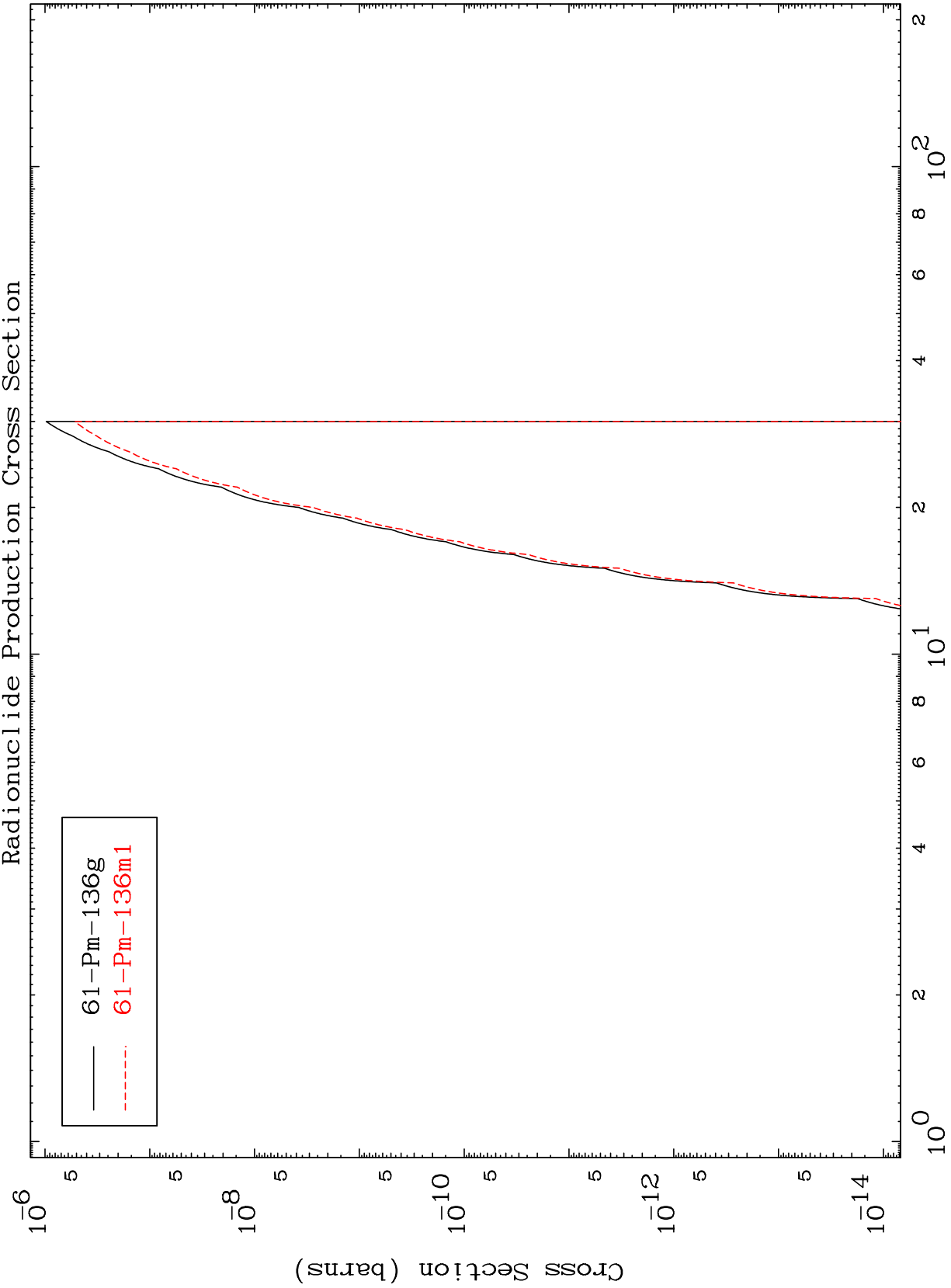
65-Tb-144

MAT 6480

( $\gamma, 2\alpha$ )

65-Tb-144

Radionuclide Production Cross Section



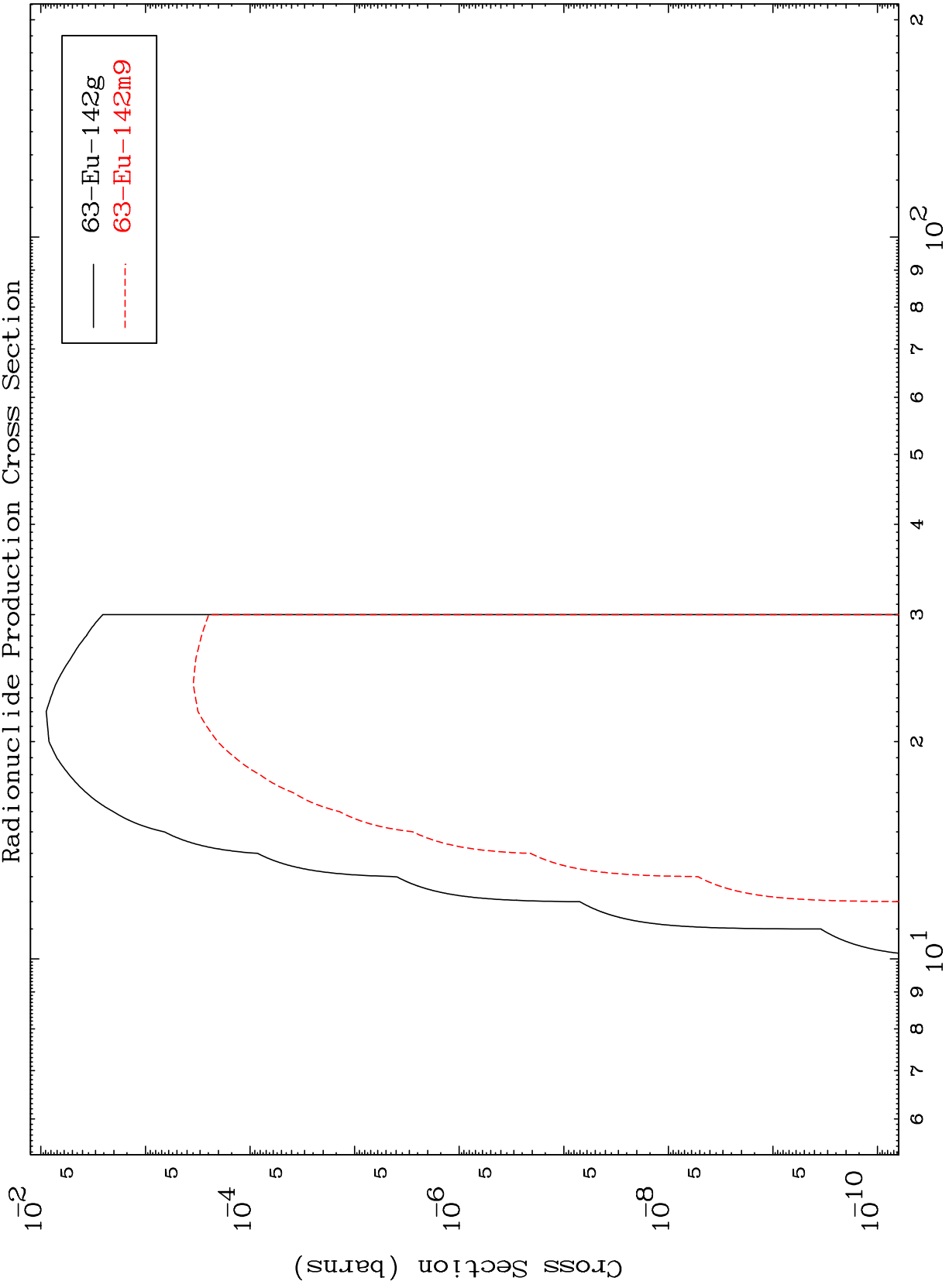
Incident Energy (MeV)

65-Tb-144

MAT 6480

65-Tb-144

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



21

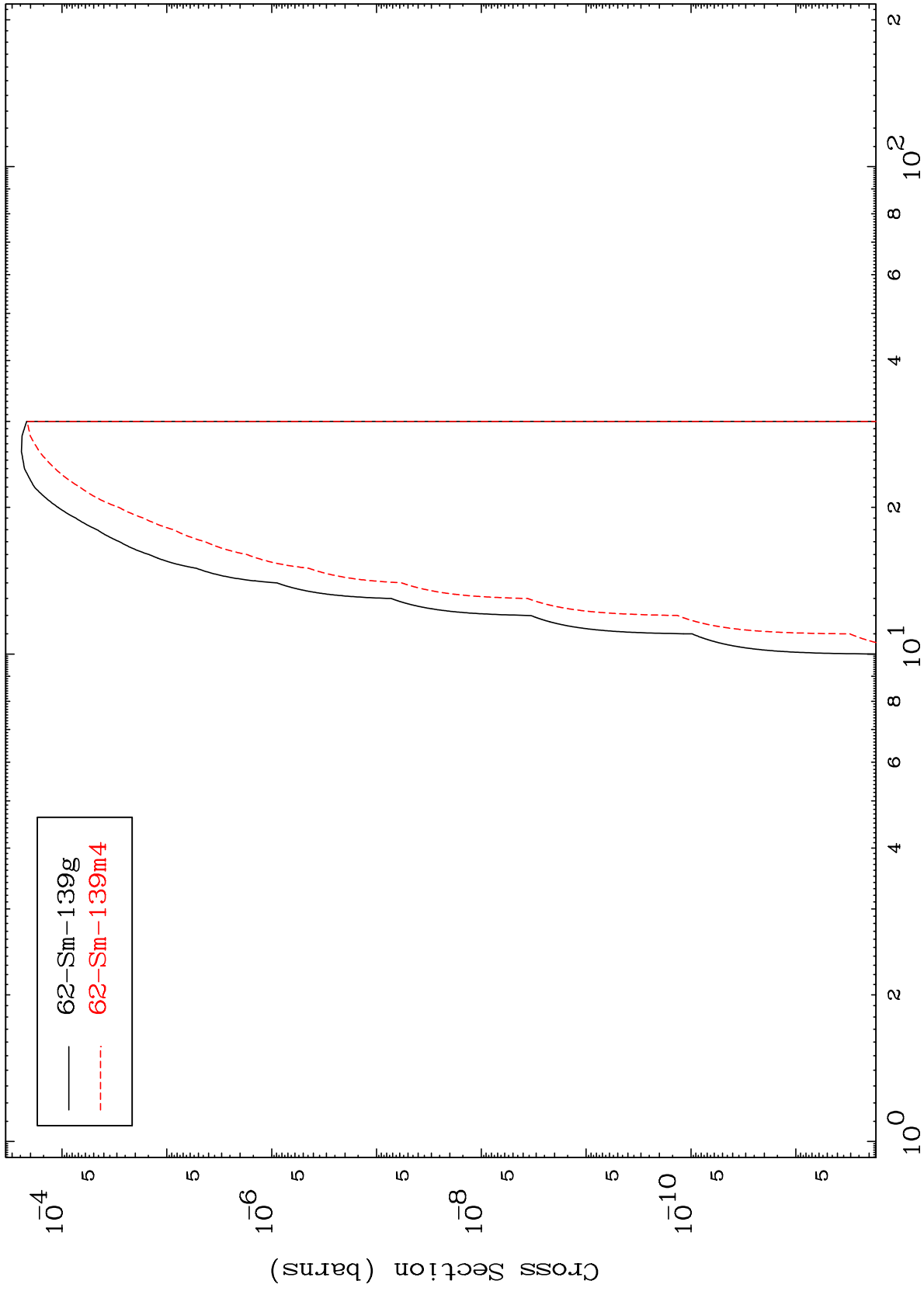
65-Tb-144

MAT 6480

( $\gamma, p$ )  $\alpha$

65-Tb-144

Radionuclide Production Cross Section



22

Incident Energy (MeV)

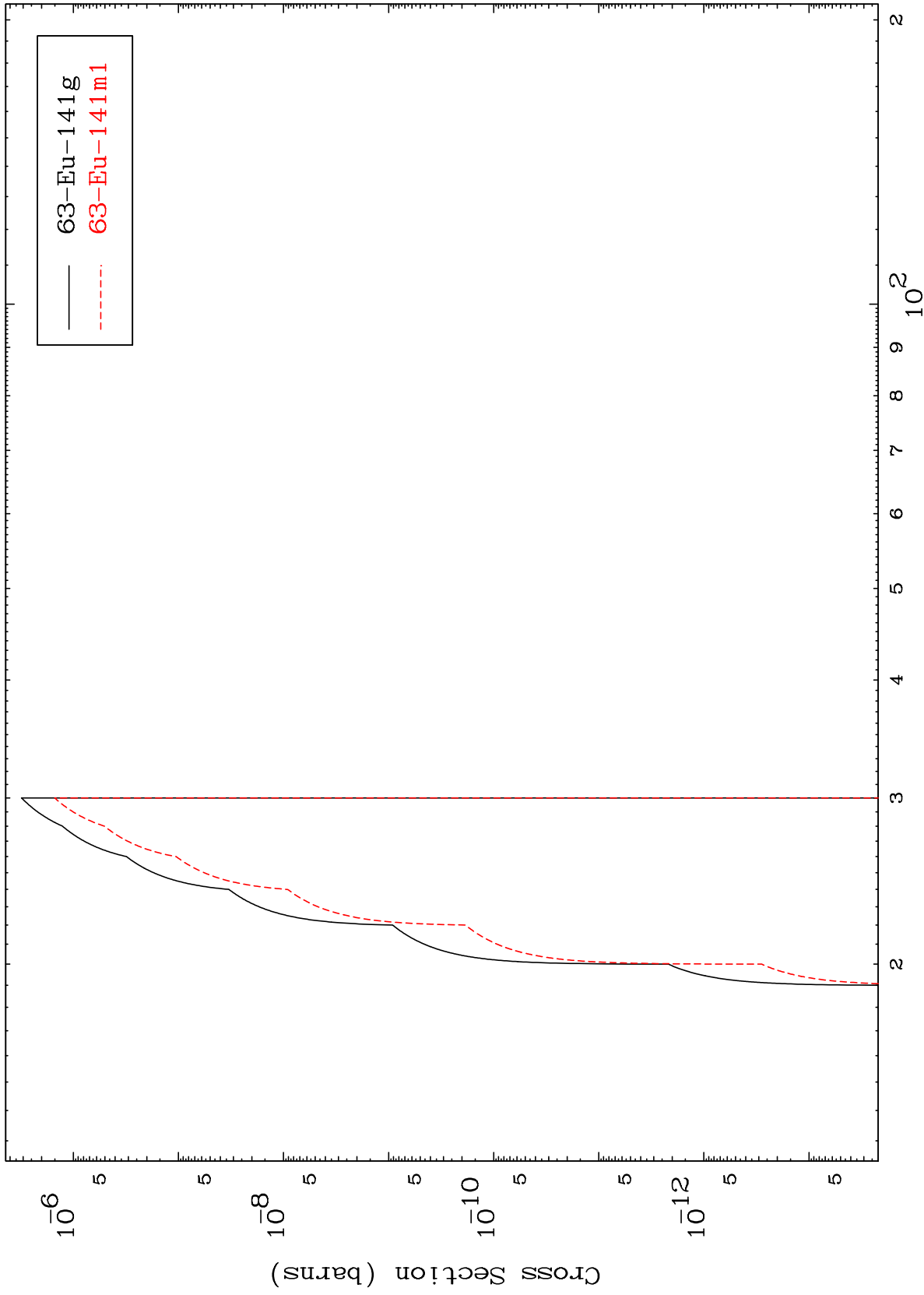
65-Tb-144

MAT 6480

( $\gamma, p$ ) d

65-Tb-144

Radionuclide Production Cross Section



23

Incident Energy (MeV)

65-Tb-144