

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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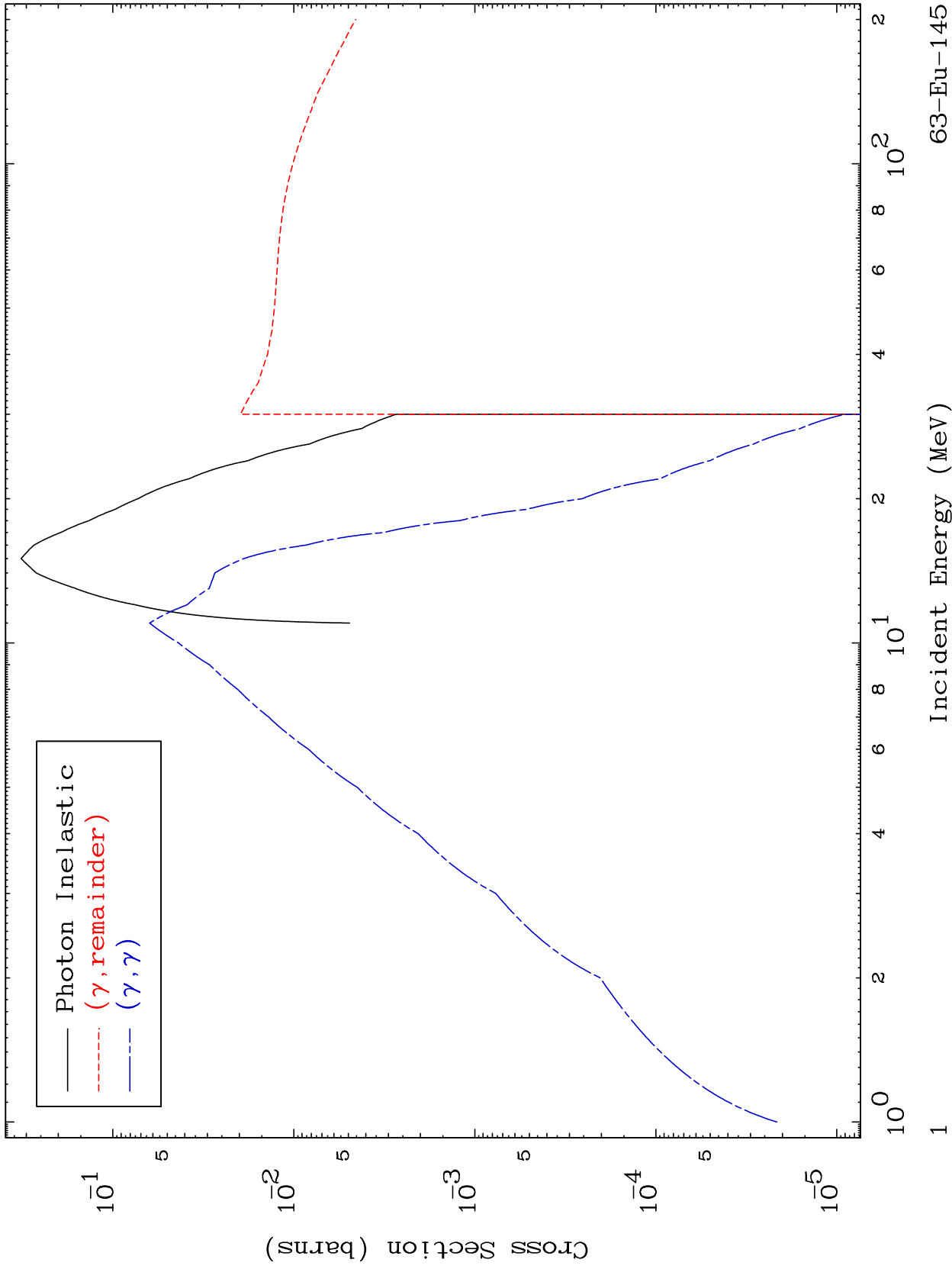
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

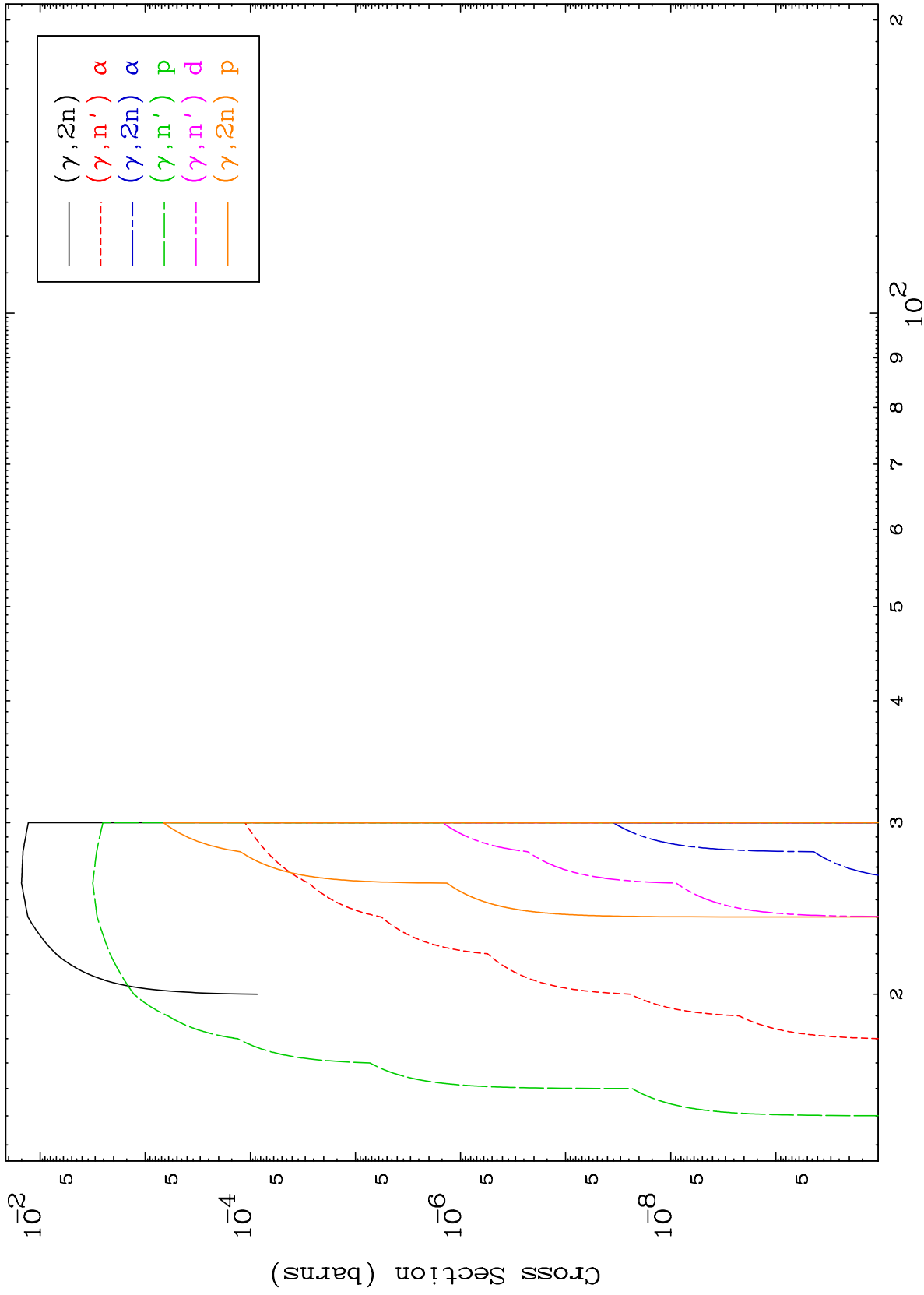
Press Mouse Button to Start

MAT 6307

Photon Major  
0 Kelvin Cross Sections

63-Eu-145

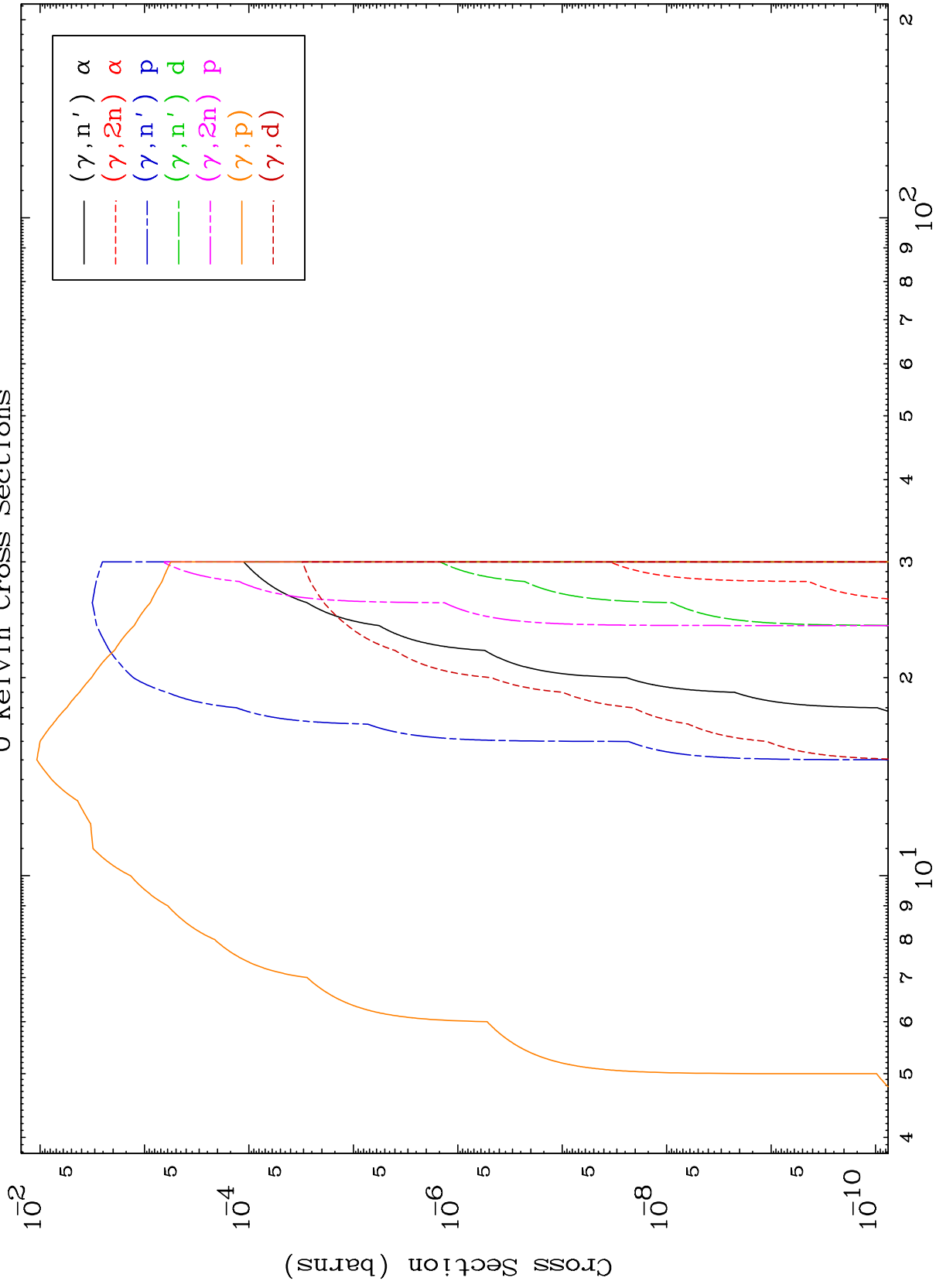




MAT 6307

Photon Charged Particle  
0 Kelvin Cross Sections

63-Eu-145



3

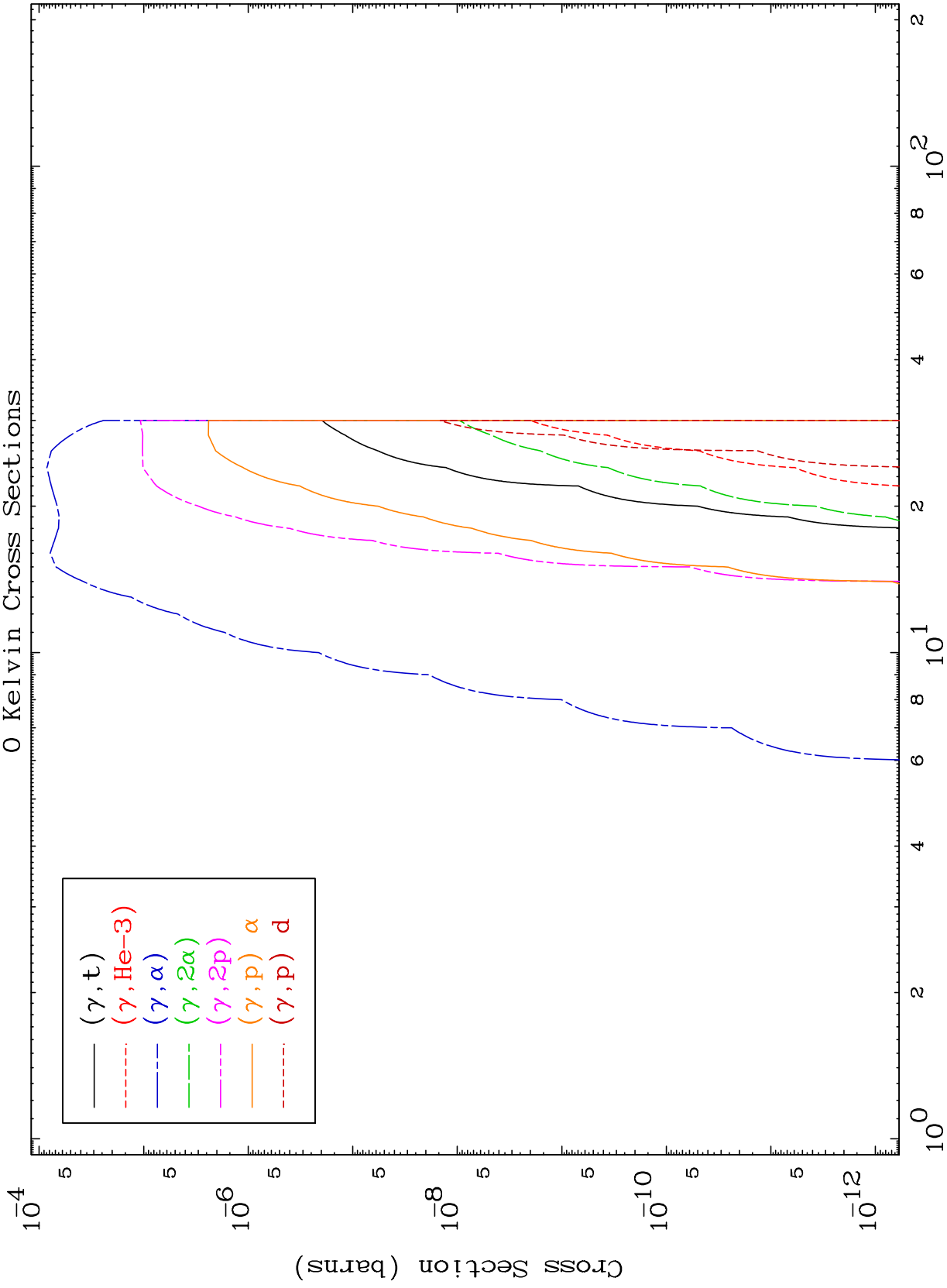
Incident Energy (MeV)

63-Eu-145

MAT 6307

Photon Charged Particle  
0 Kelvin Cross Sections

63-Eu-145



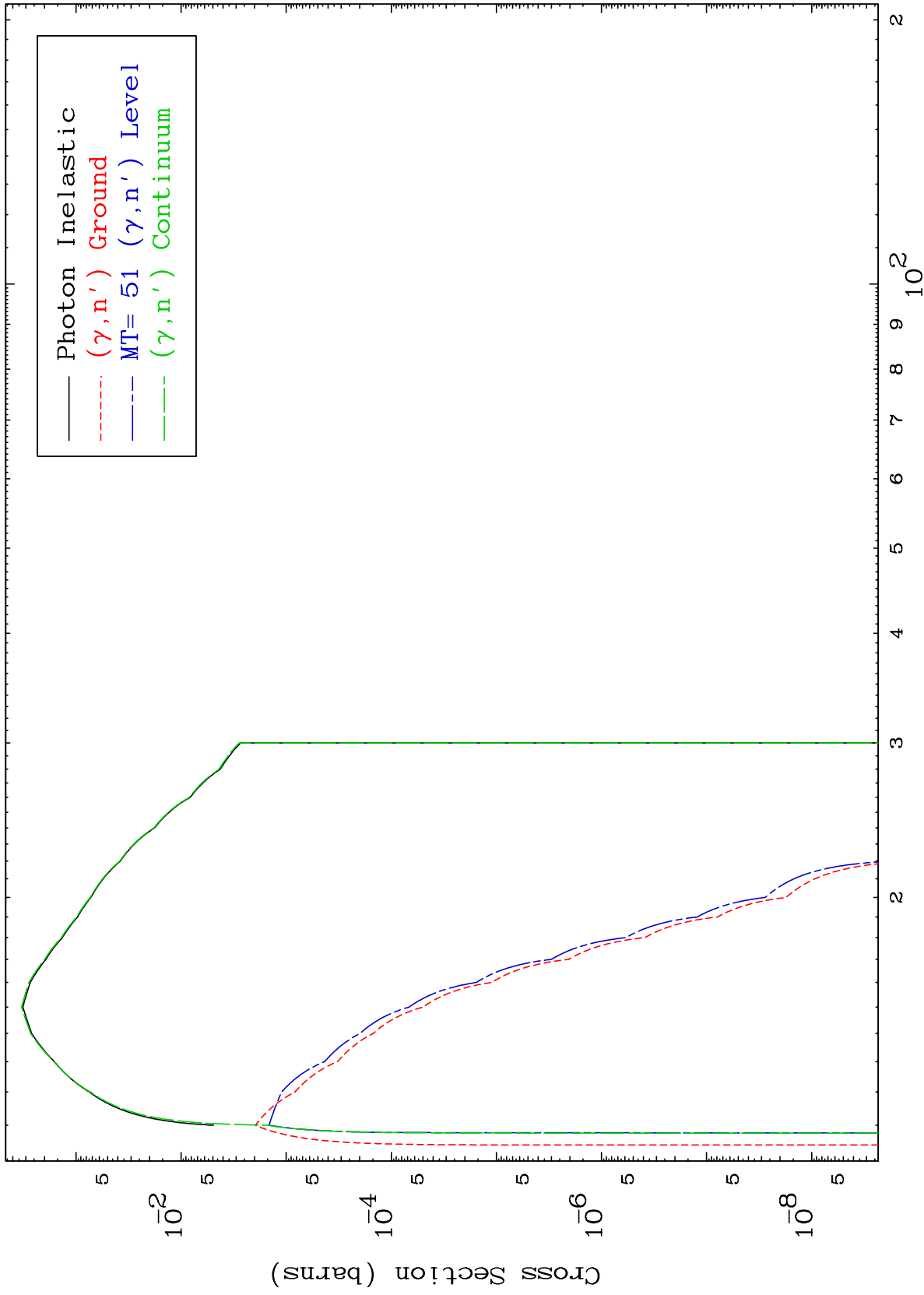
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



5

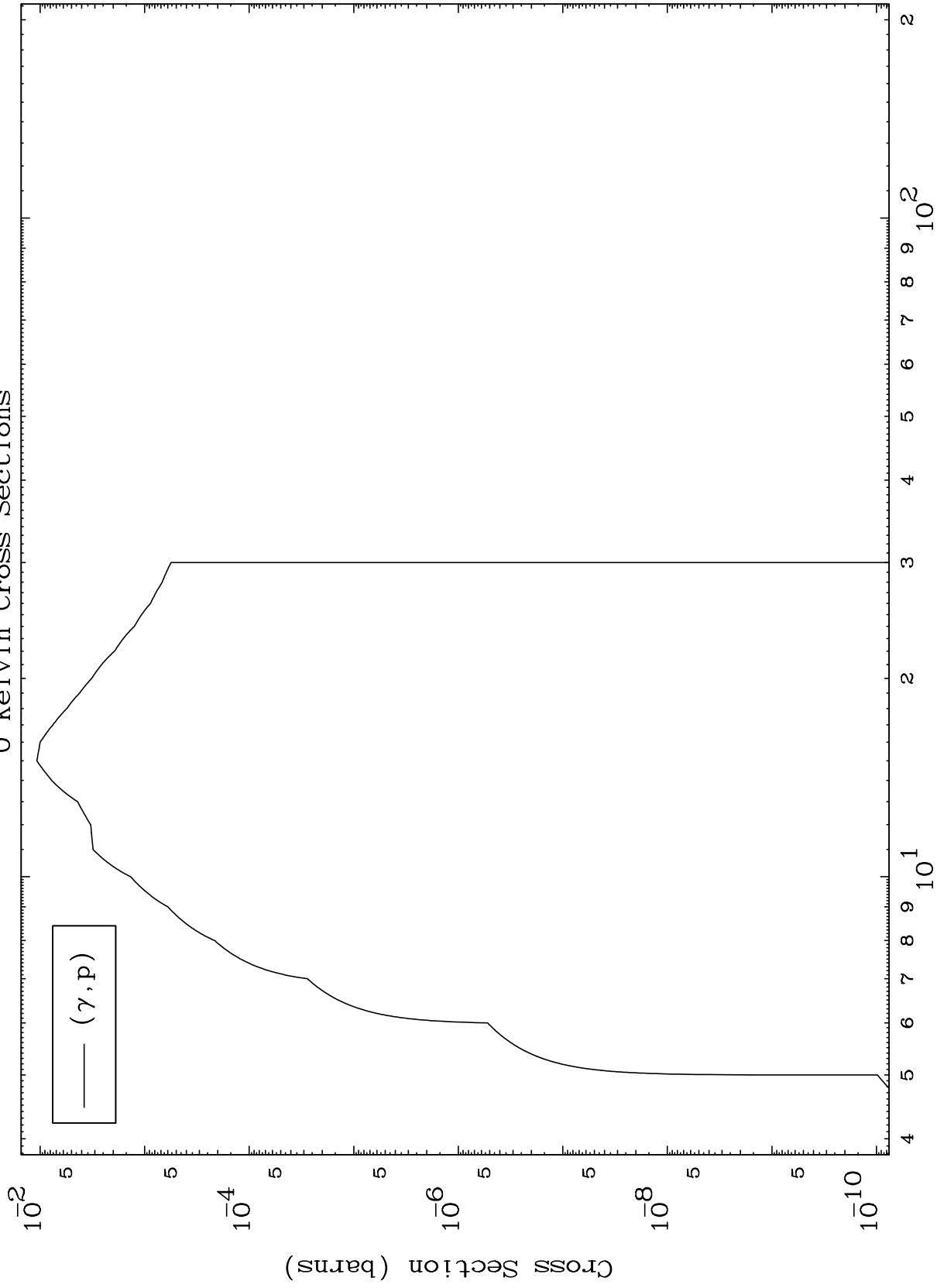
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

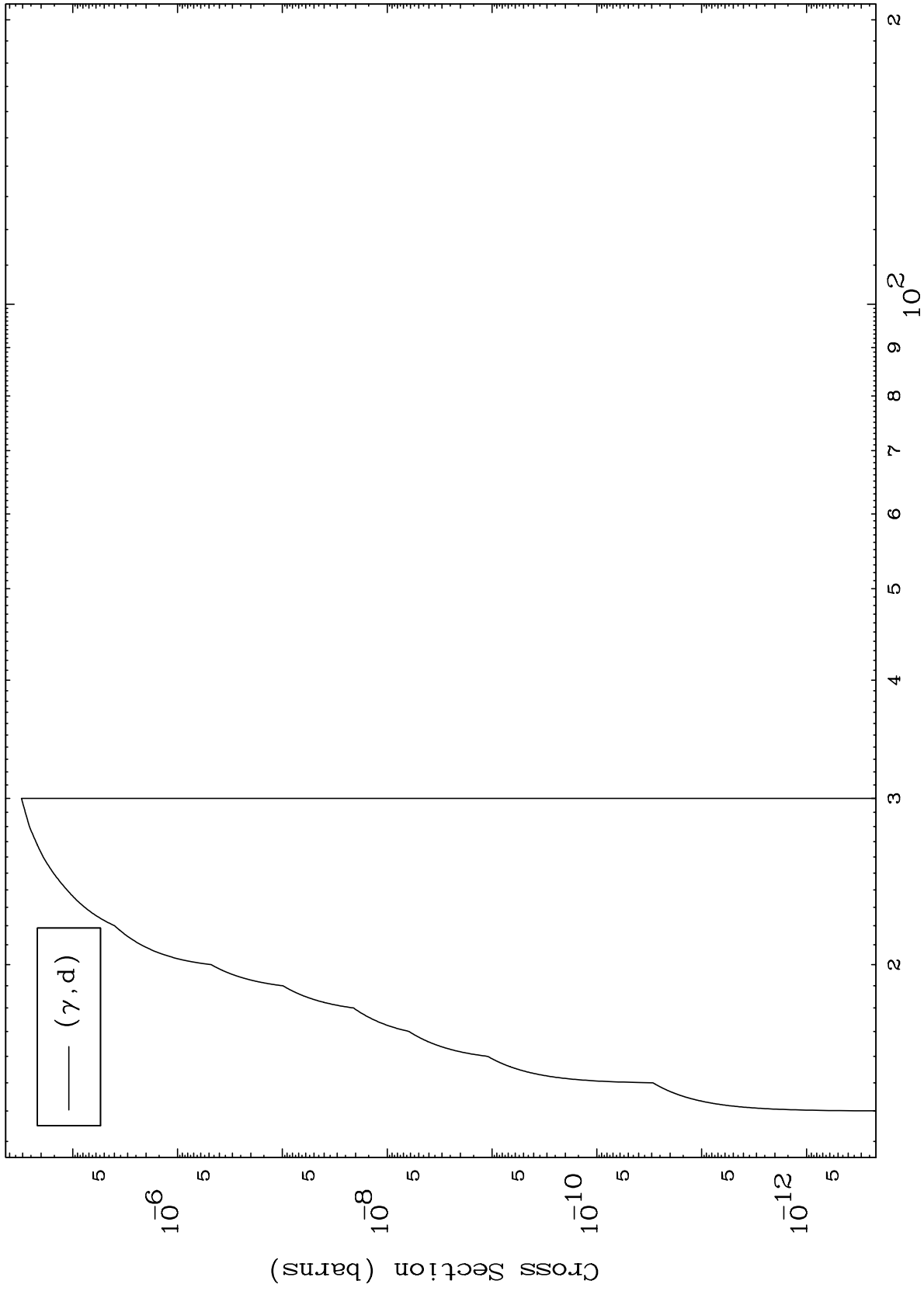
63-Eu-145



MAT 6307

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

63-Eu-145



7

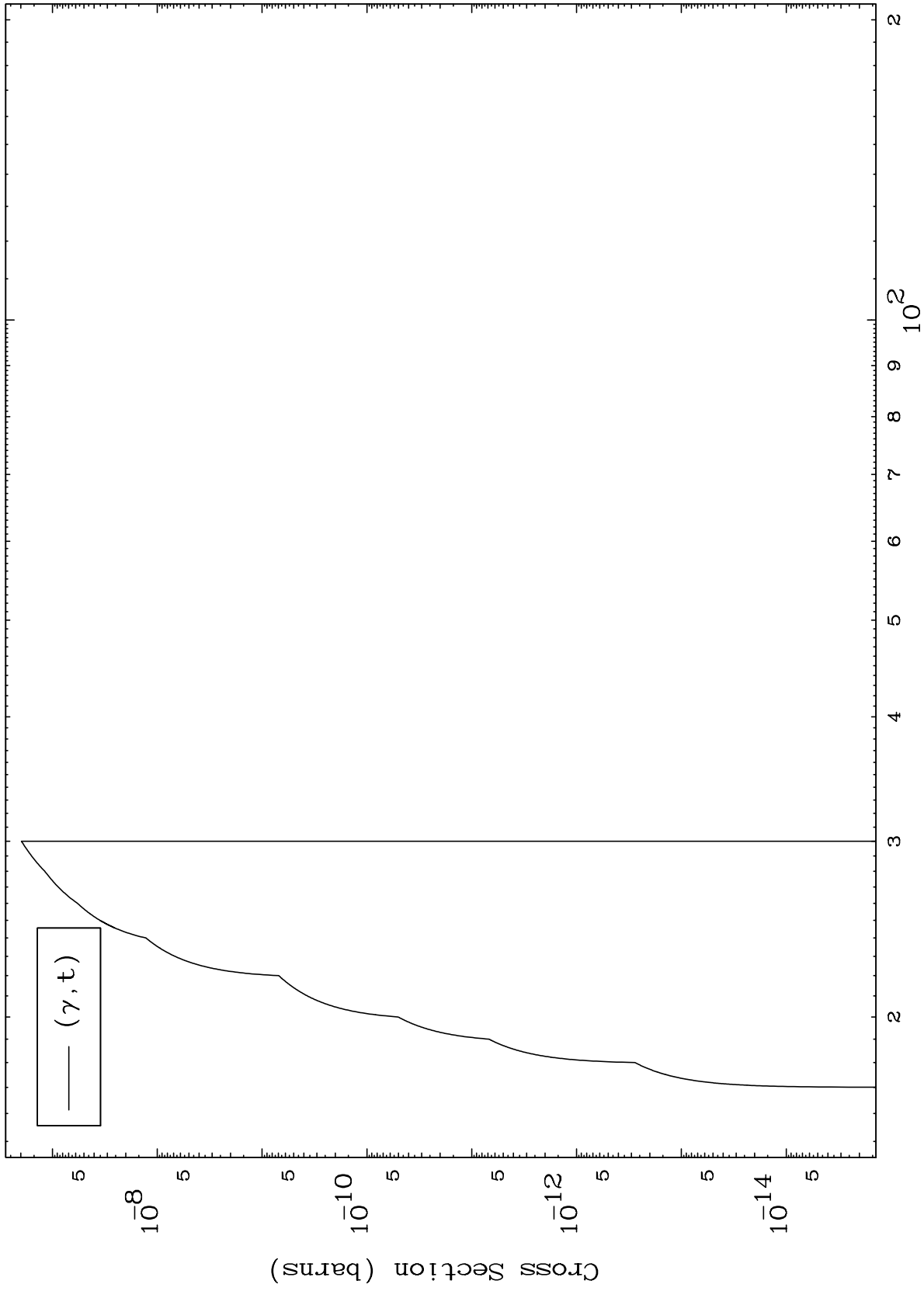
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

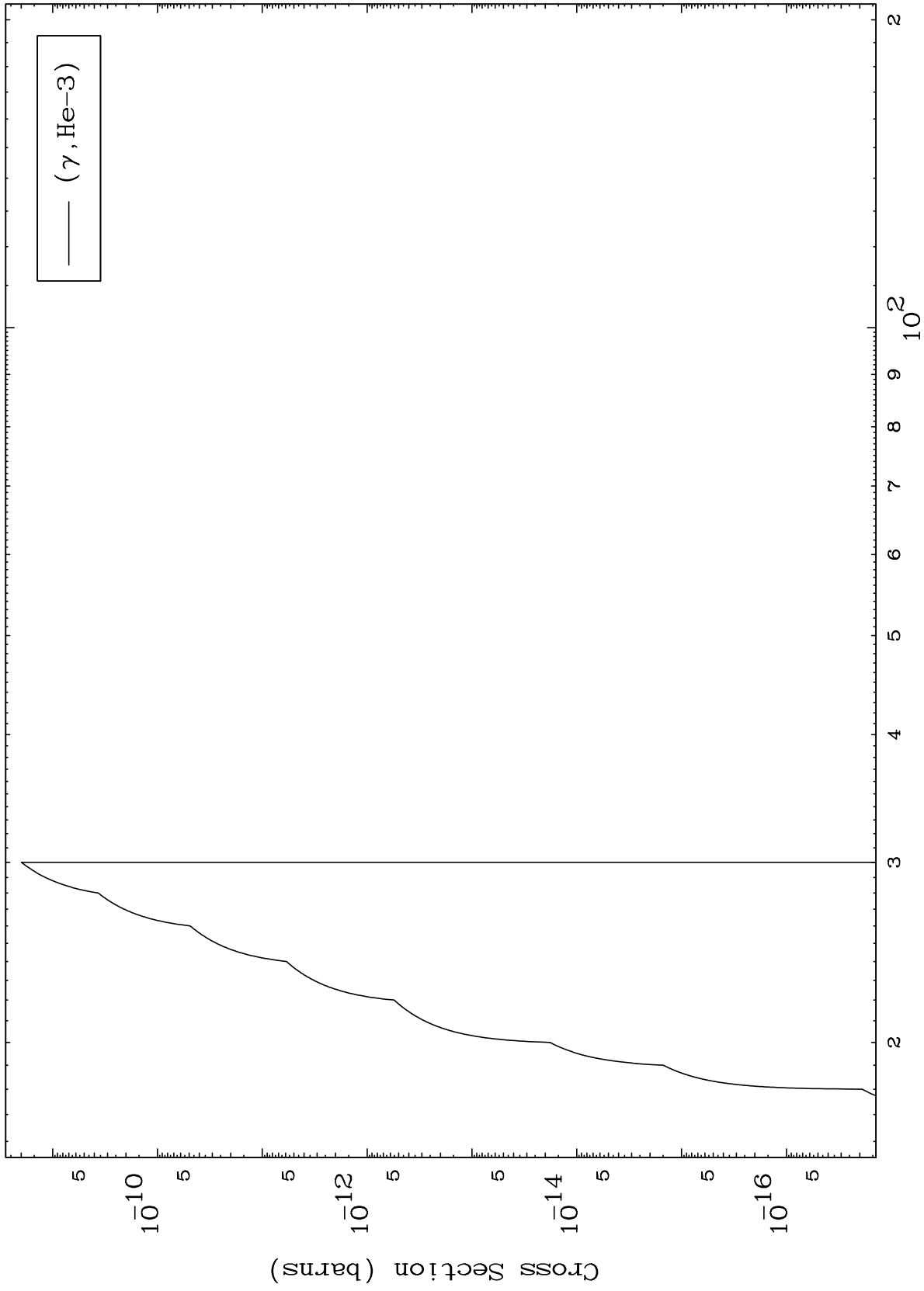
63-Eu-145



8

Incident Energy (MeV)

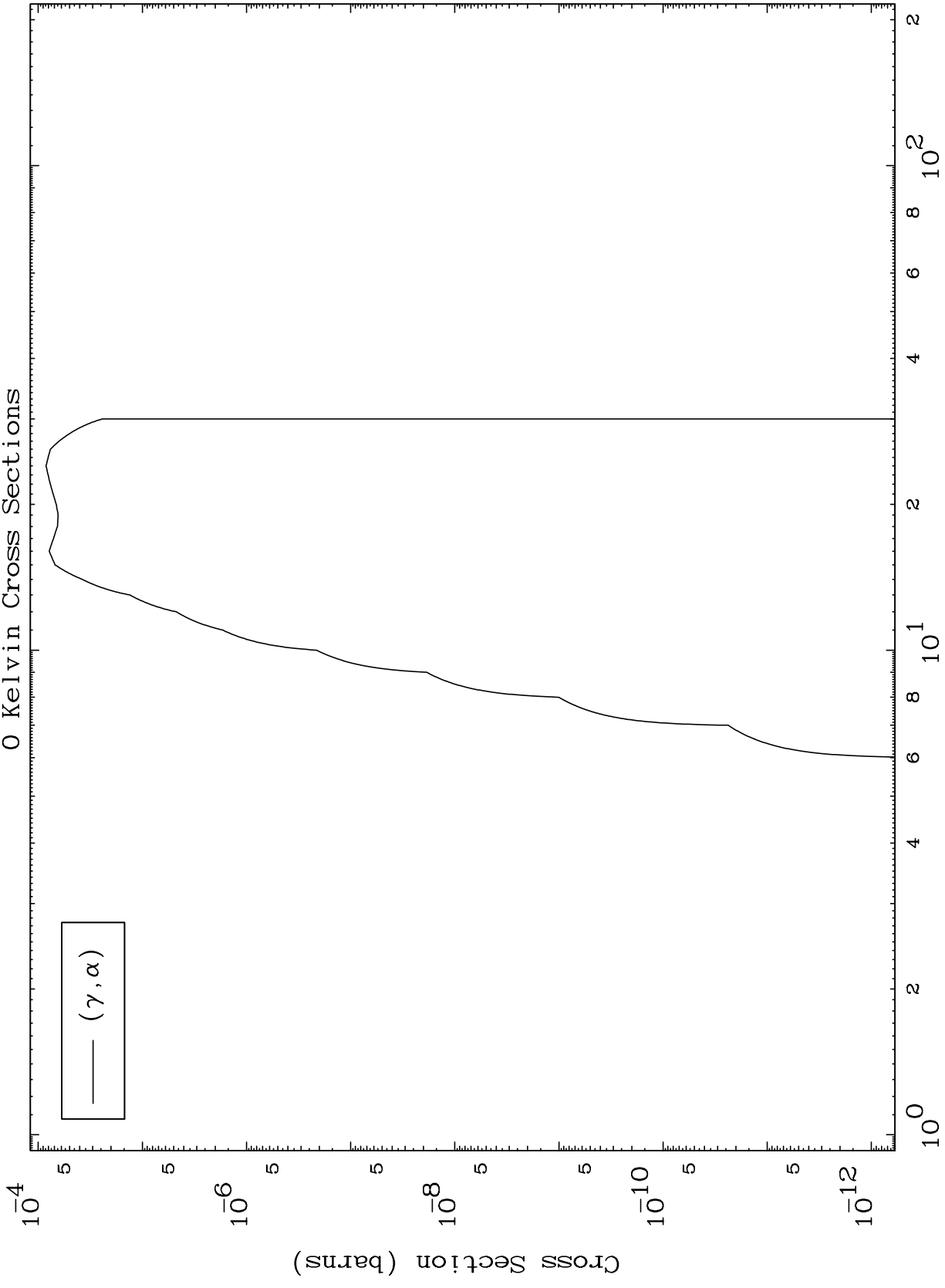
63-Eu-145



MAT 6307

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

63-Eu-145



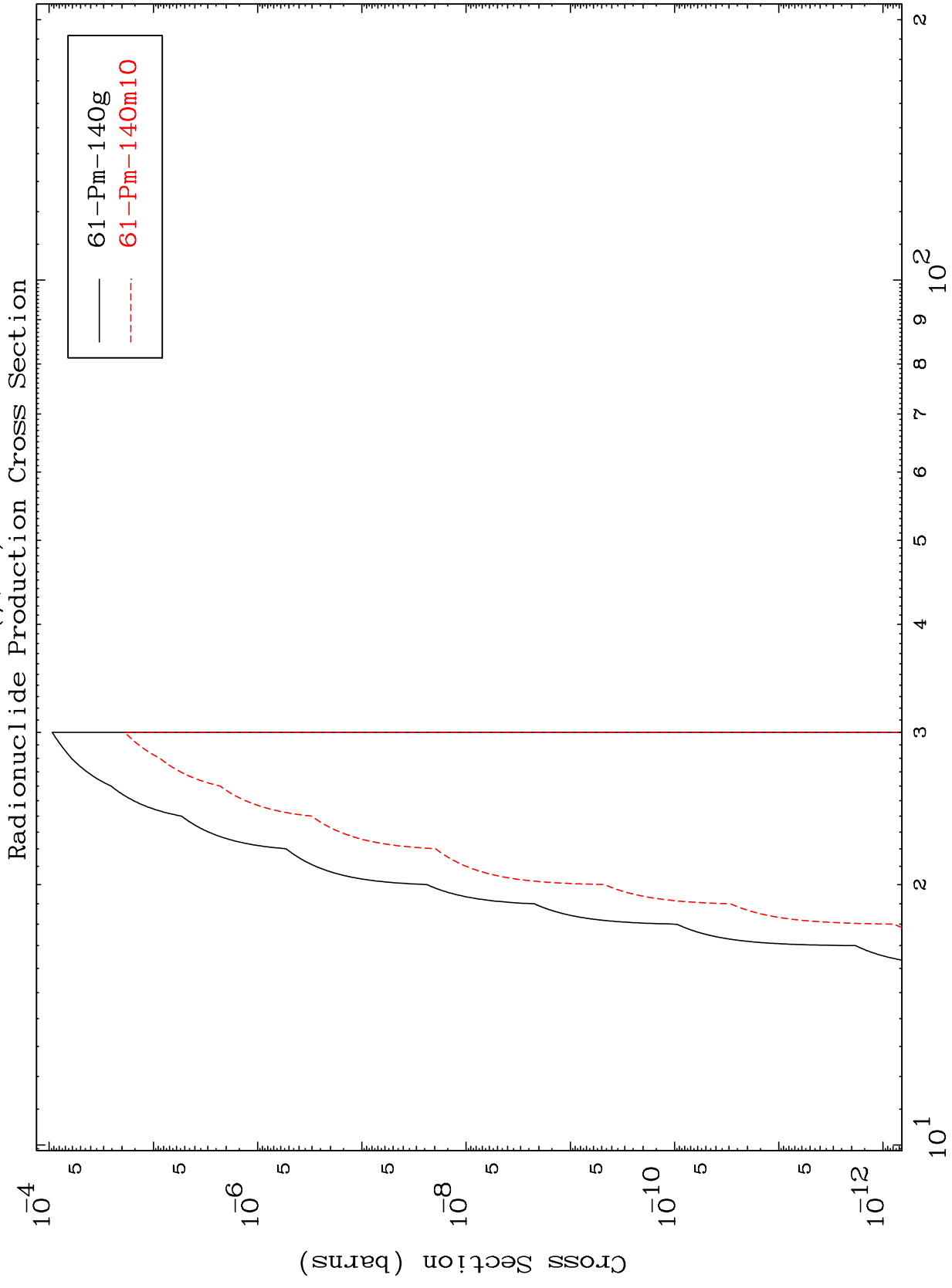
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



11

Incident Energy (MeV)

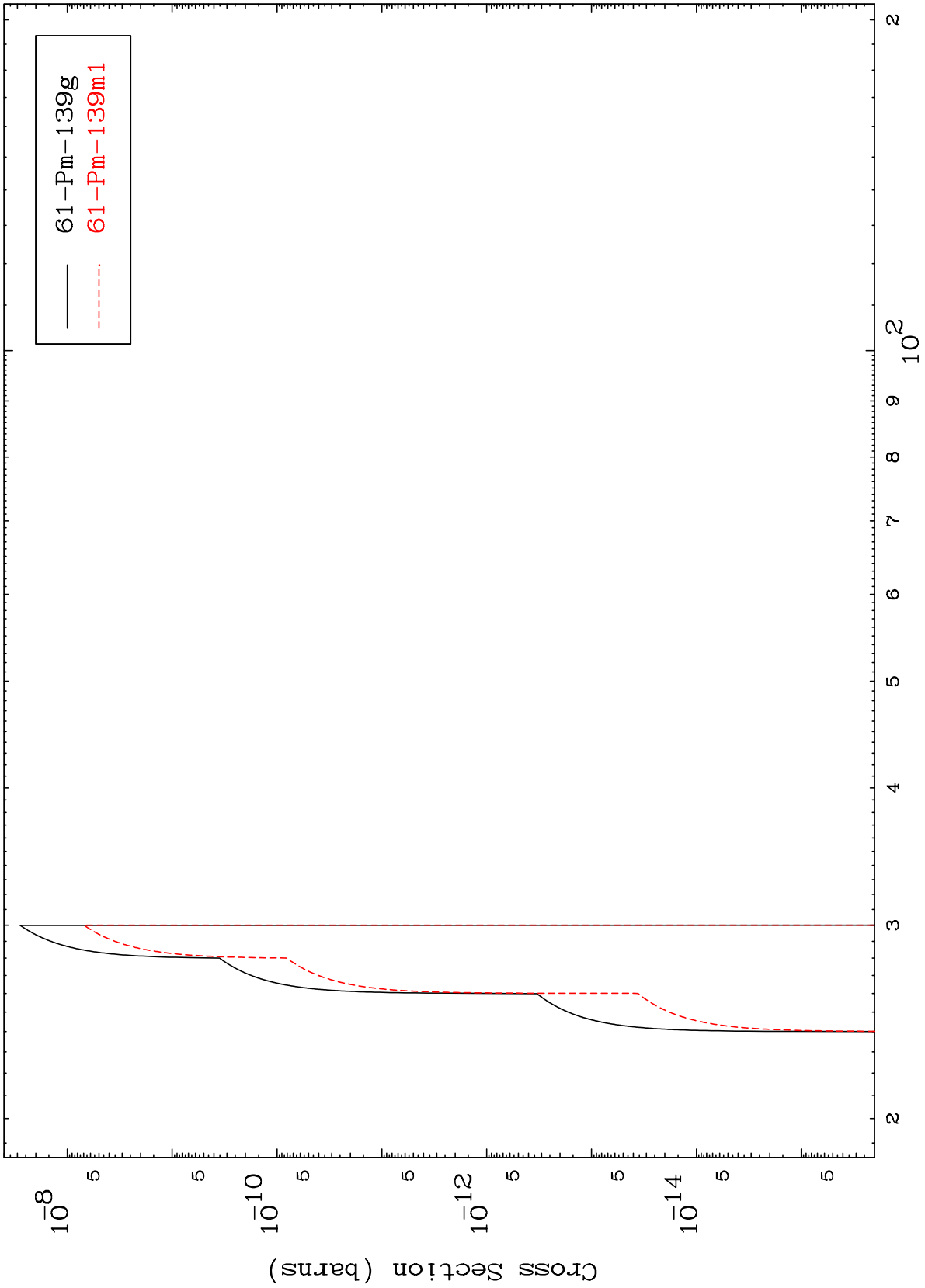
63-Eu-145

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$(\gamma, 2n) \alpha$

63-Eu-145

Radionuclide Production Cross Section



12

Incident Energy (MeV)

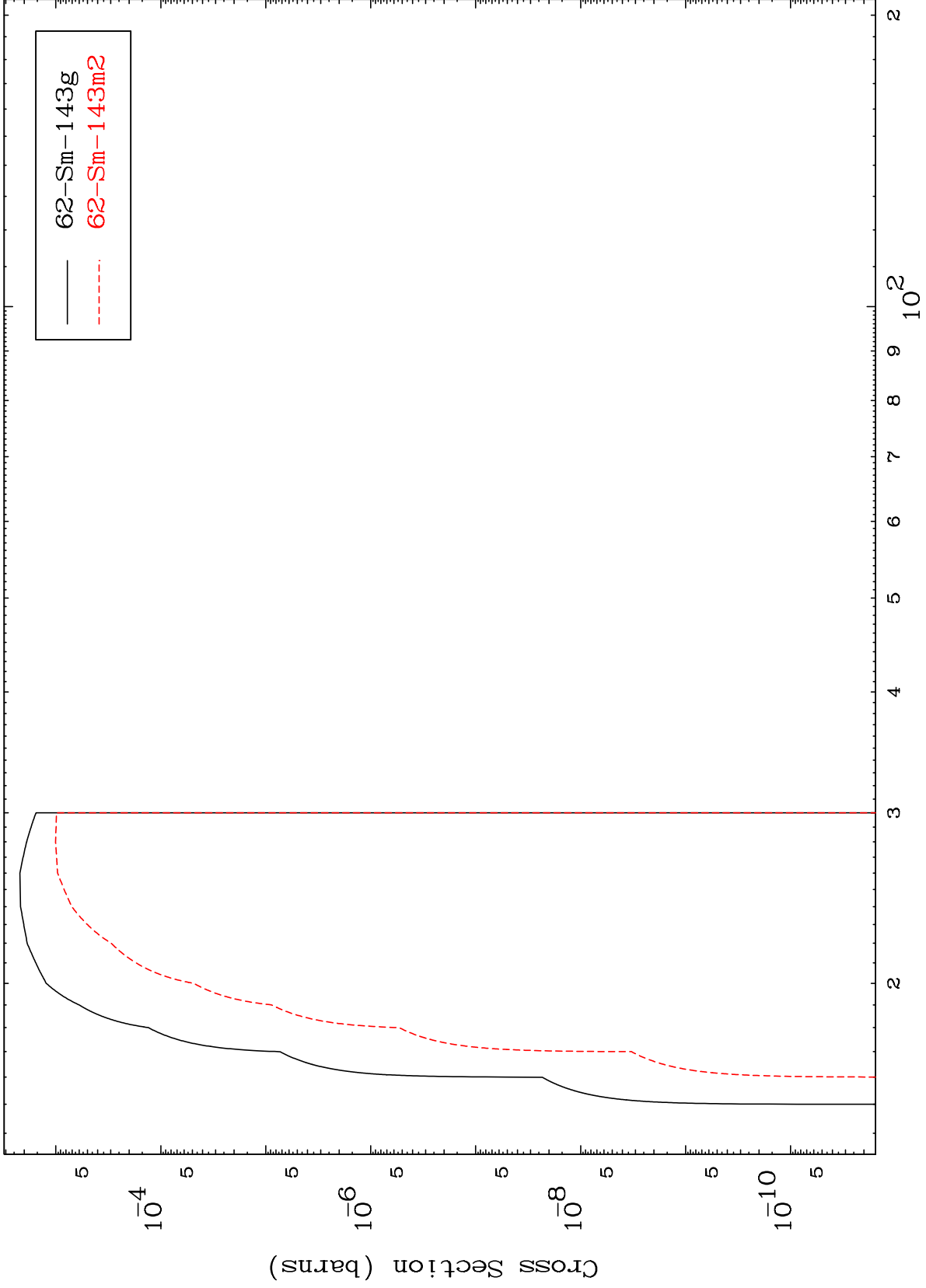
63-Eu-145

MAT 6307

$(\gamma, n')$  p

63-Eu-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

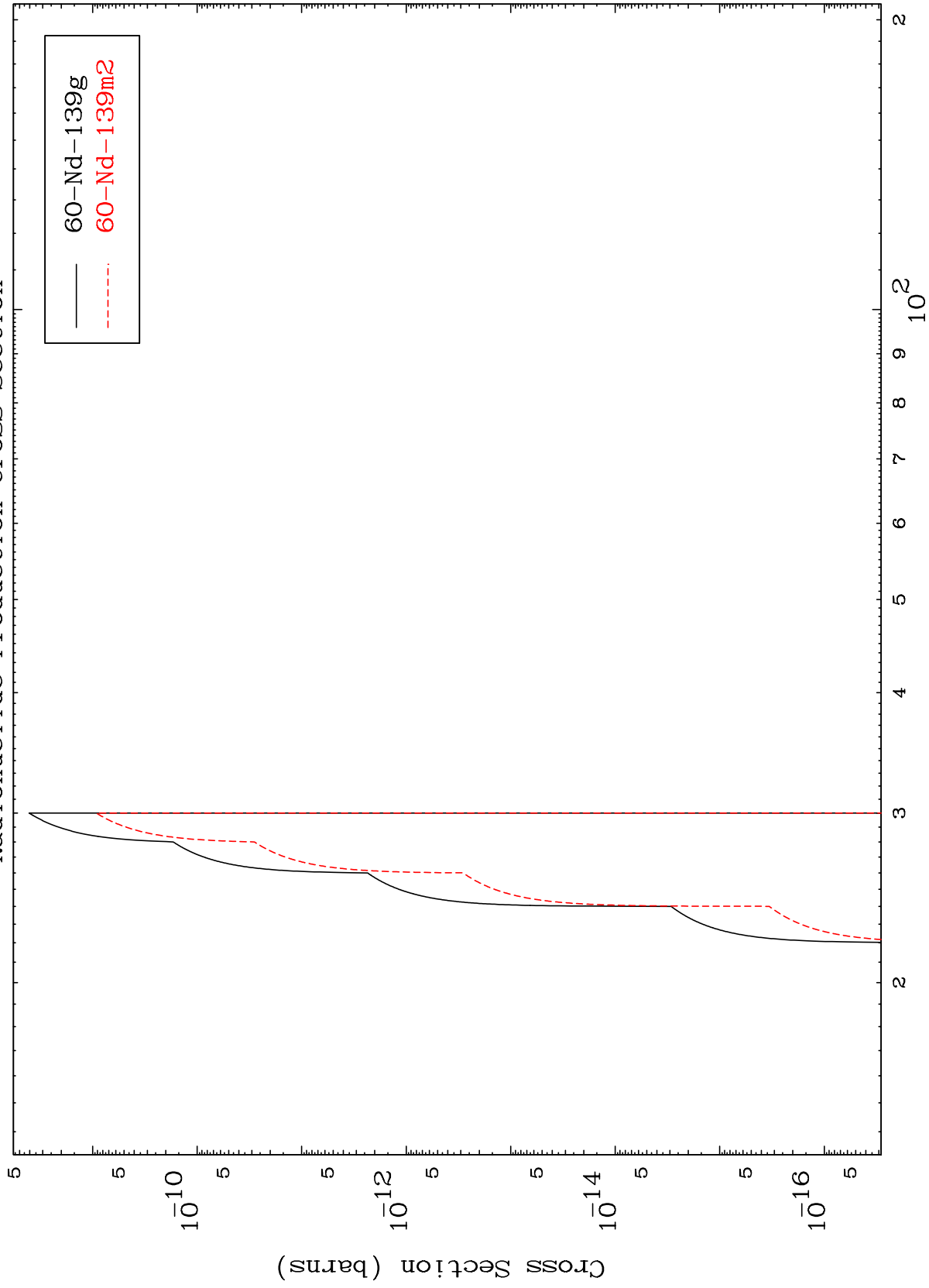
63-Eu-145

MAT 6307

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

63-Eu-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

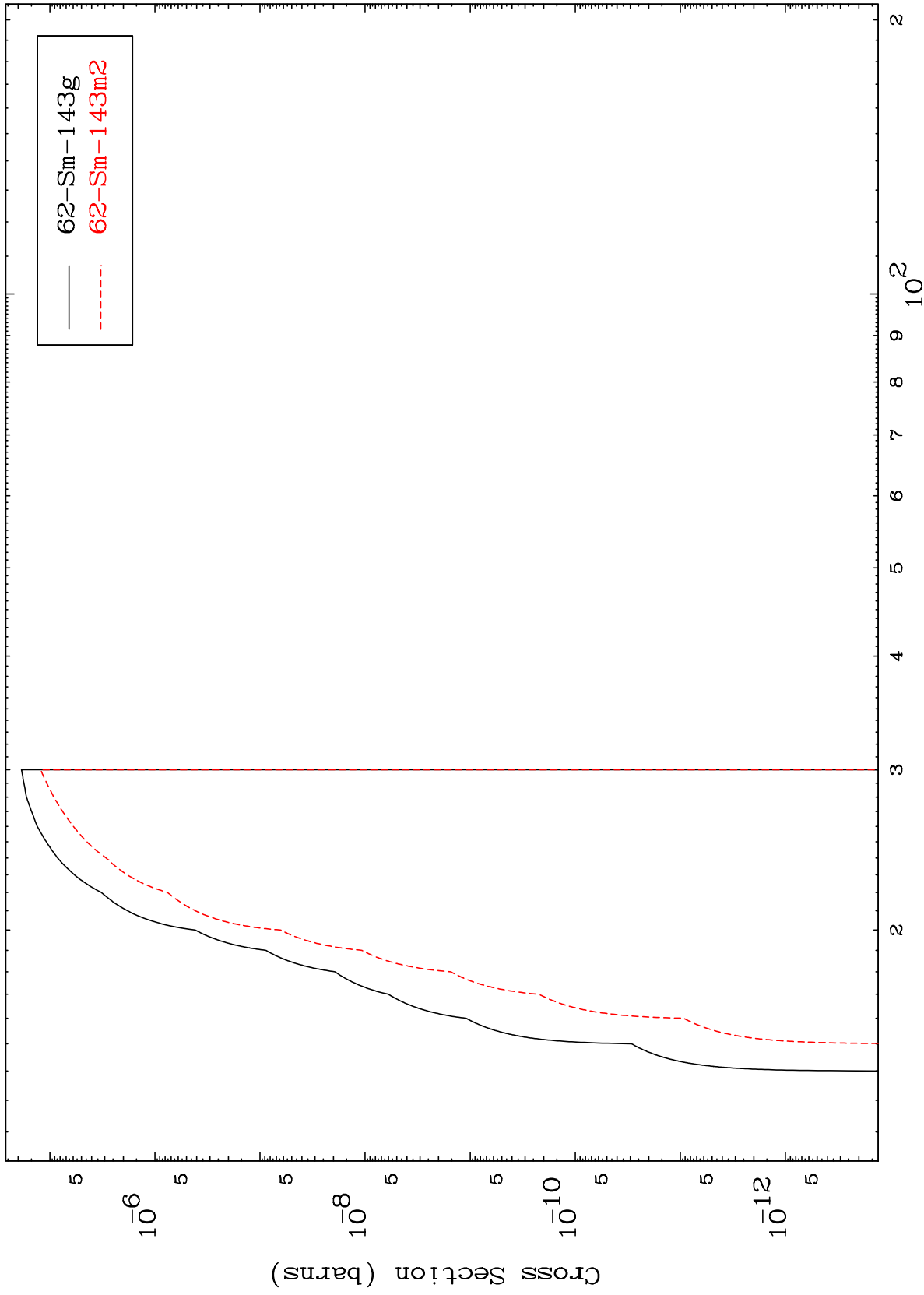
63-Eu-145

MAT 6307

( $\gamma, d$ )

63-Eu-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

63-Eu-145