

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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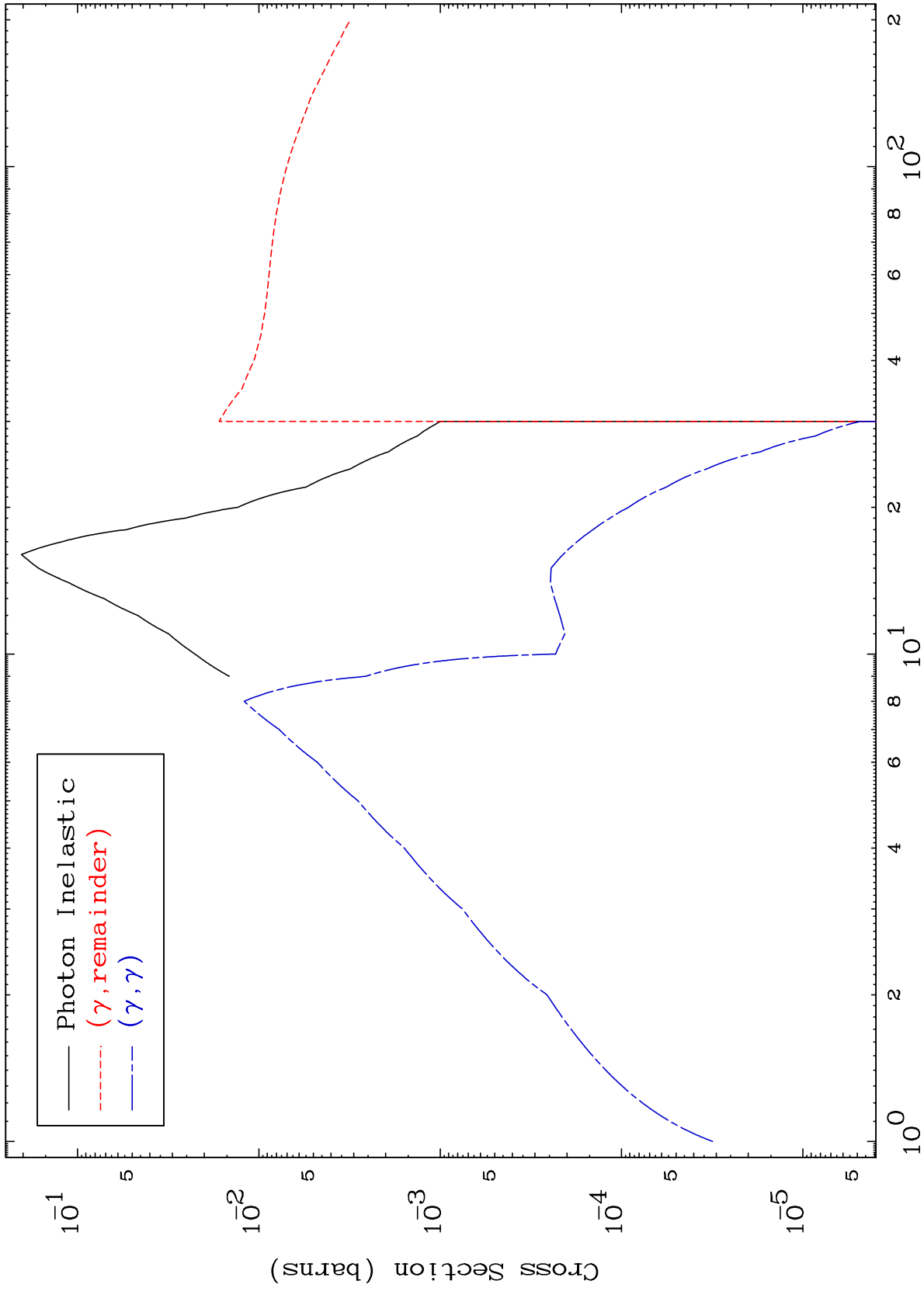
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4326

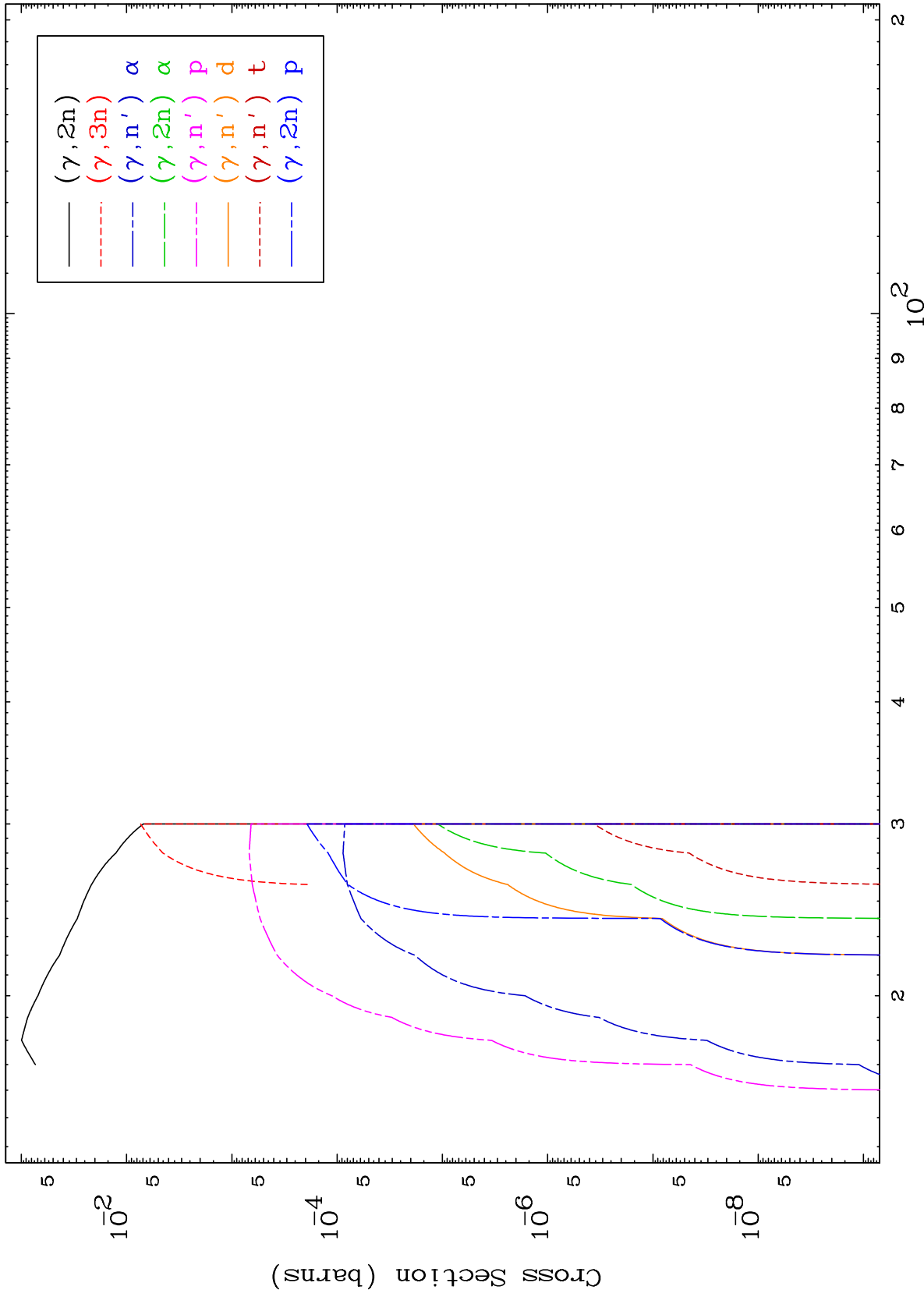
Photon Major  
0 Kelvin Cross Sections

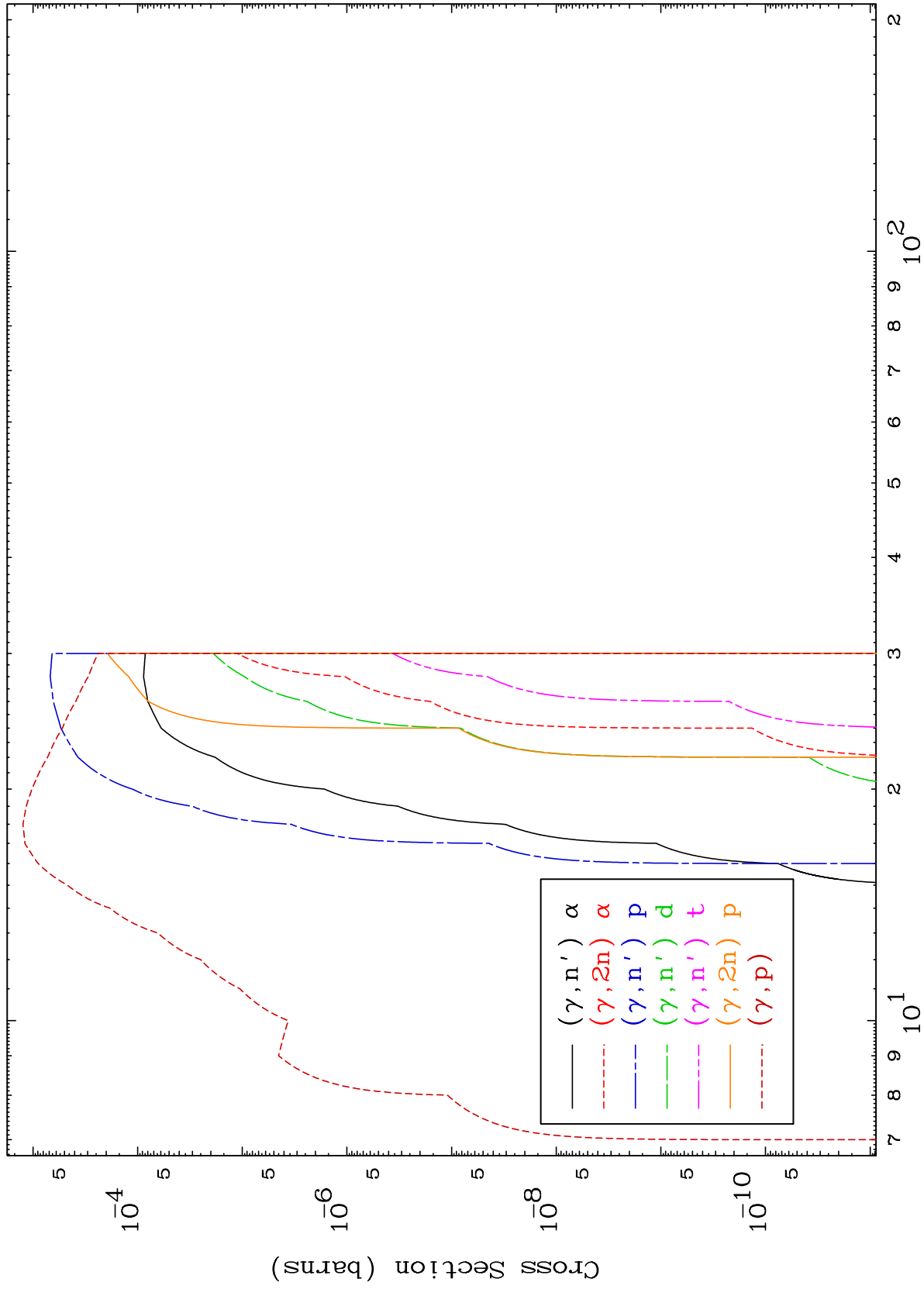
43-Tc-99



Incident Energy (MeV)

43-Tc-99

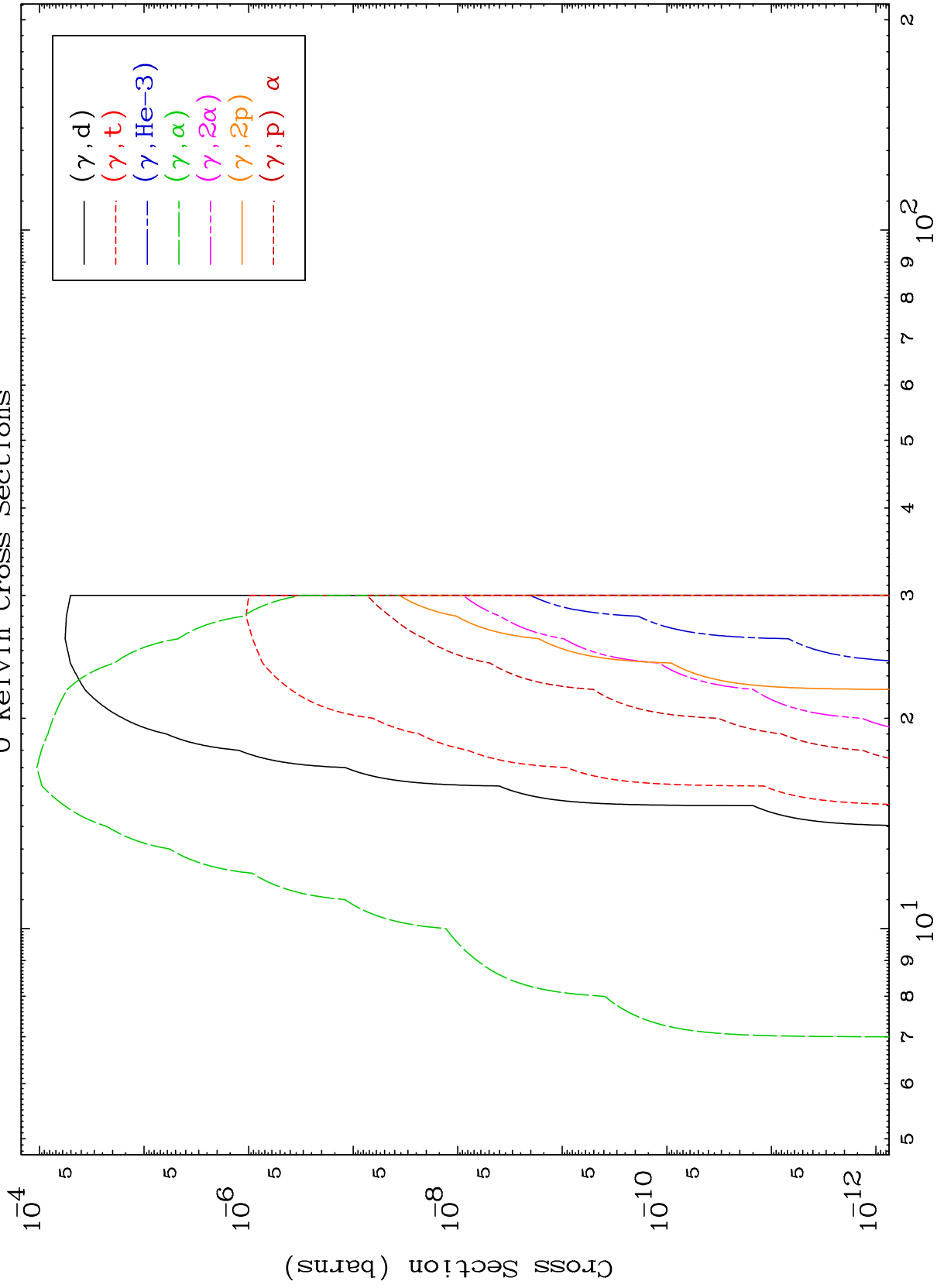




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Photon Charged Particle  
0 Kelvin Cross Sections

43-Tc-99



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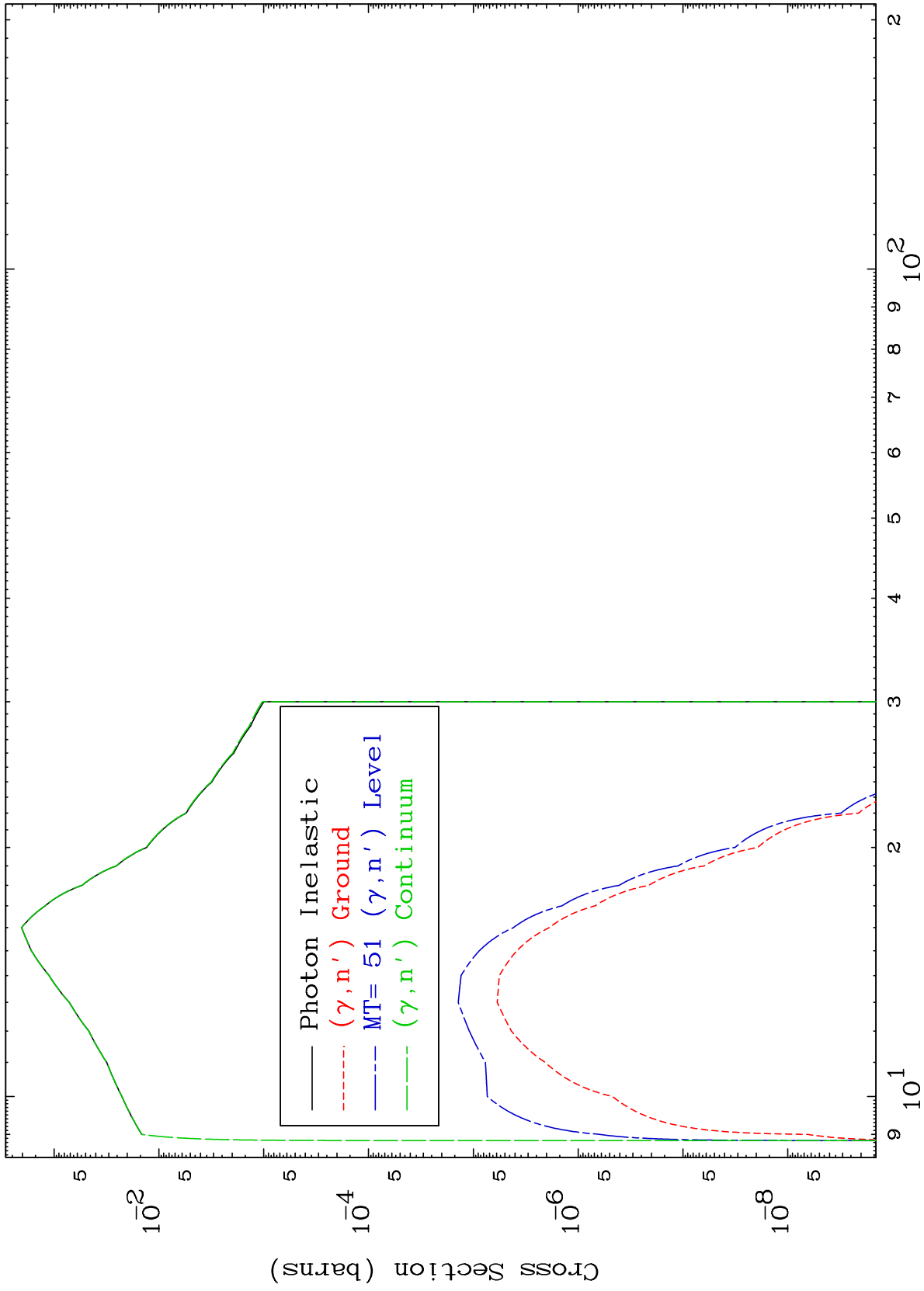
Incident Energy (MeV)

43-Tc-99

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

43-Tc-99



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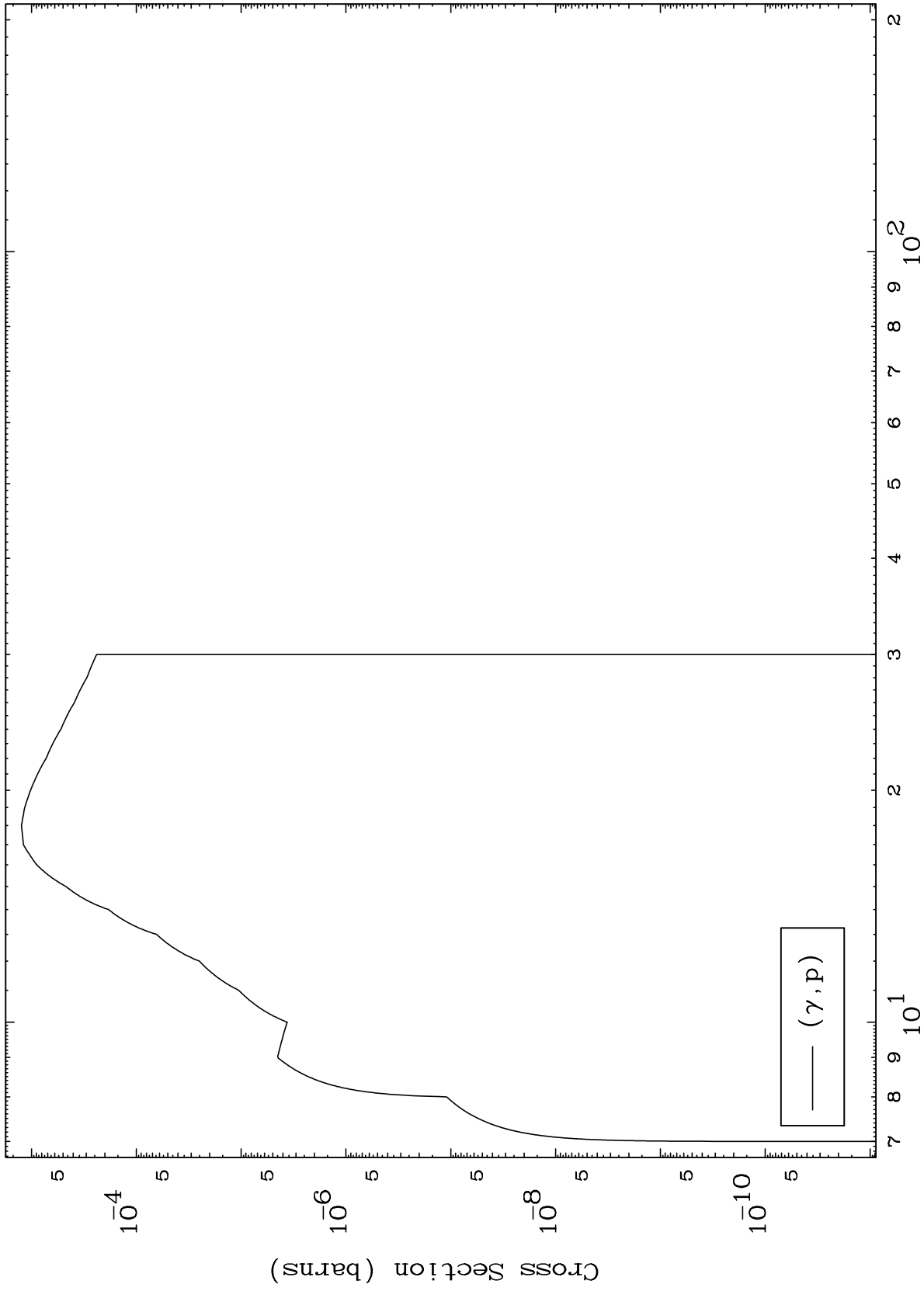
Incident Energy (MeV)

43-Tc-99

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43-Tc-99

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



6

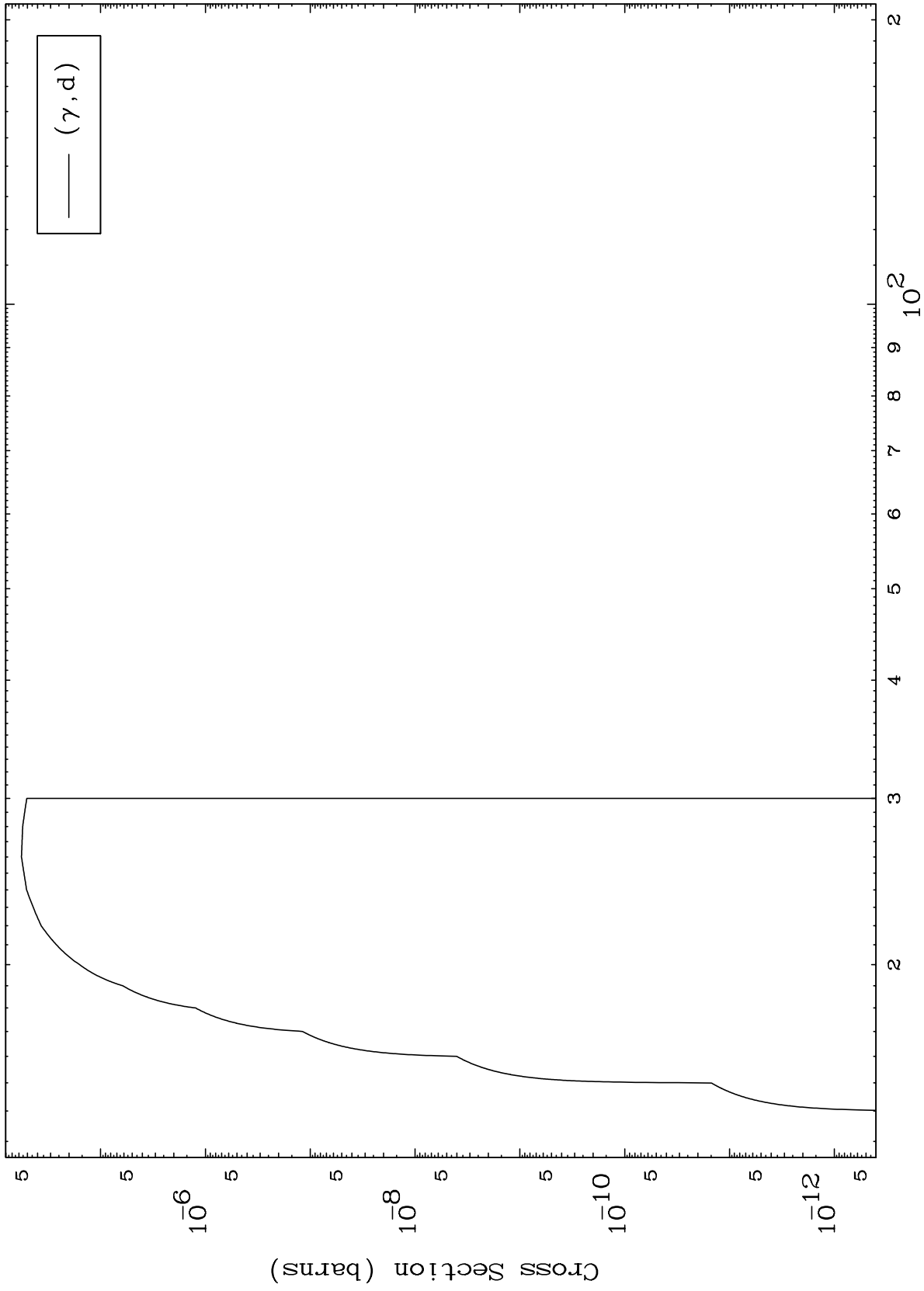
Incident Energy (MeV)

43-Tc-99

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

43-Tc-99



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Incident Energy (MeV)

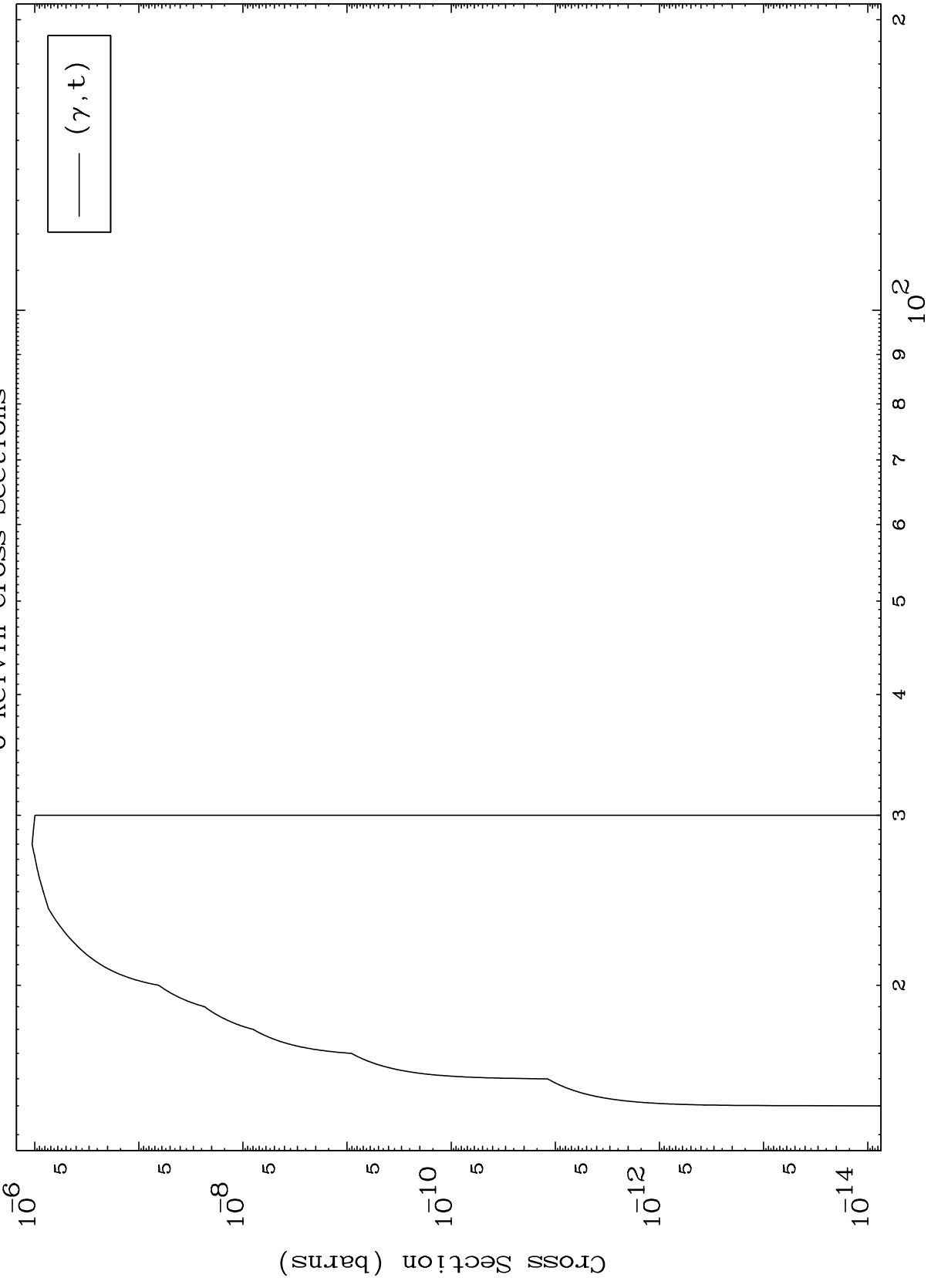
43-Tc-99



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

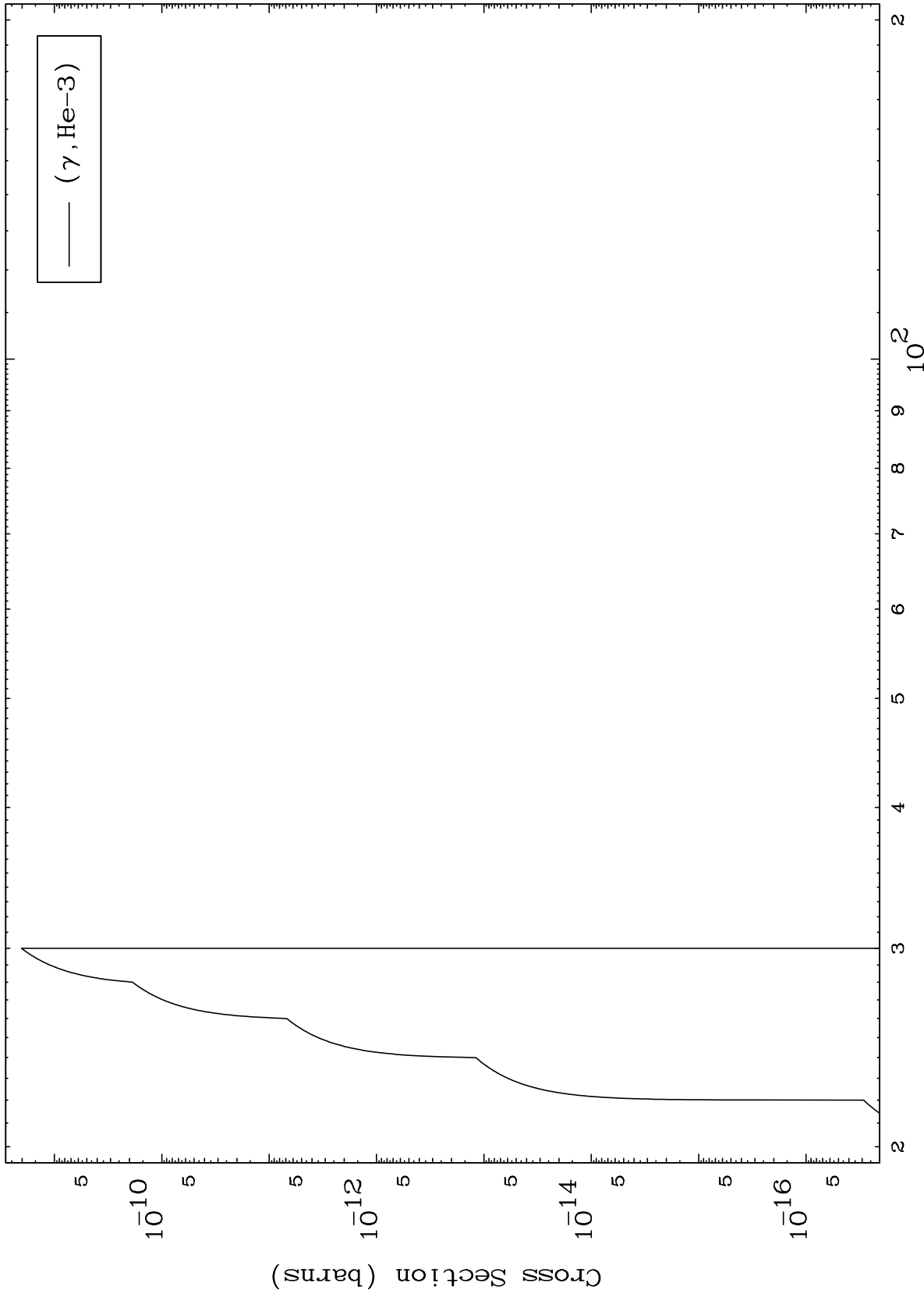
43-Tc-99



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Incident Energy (MeV)

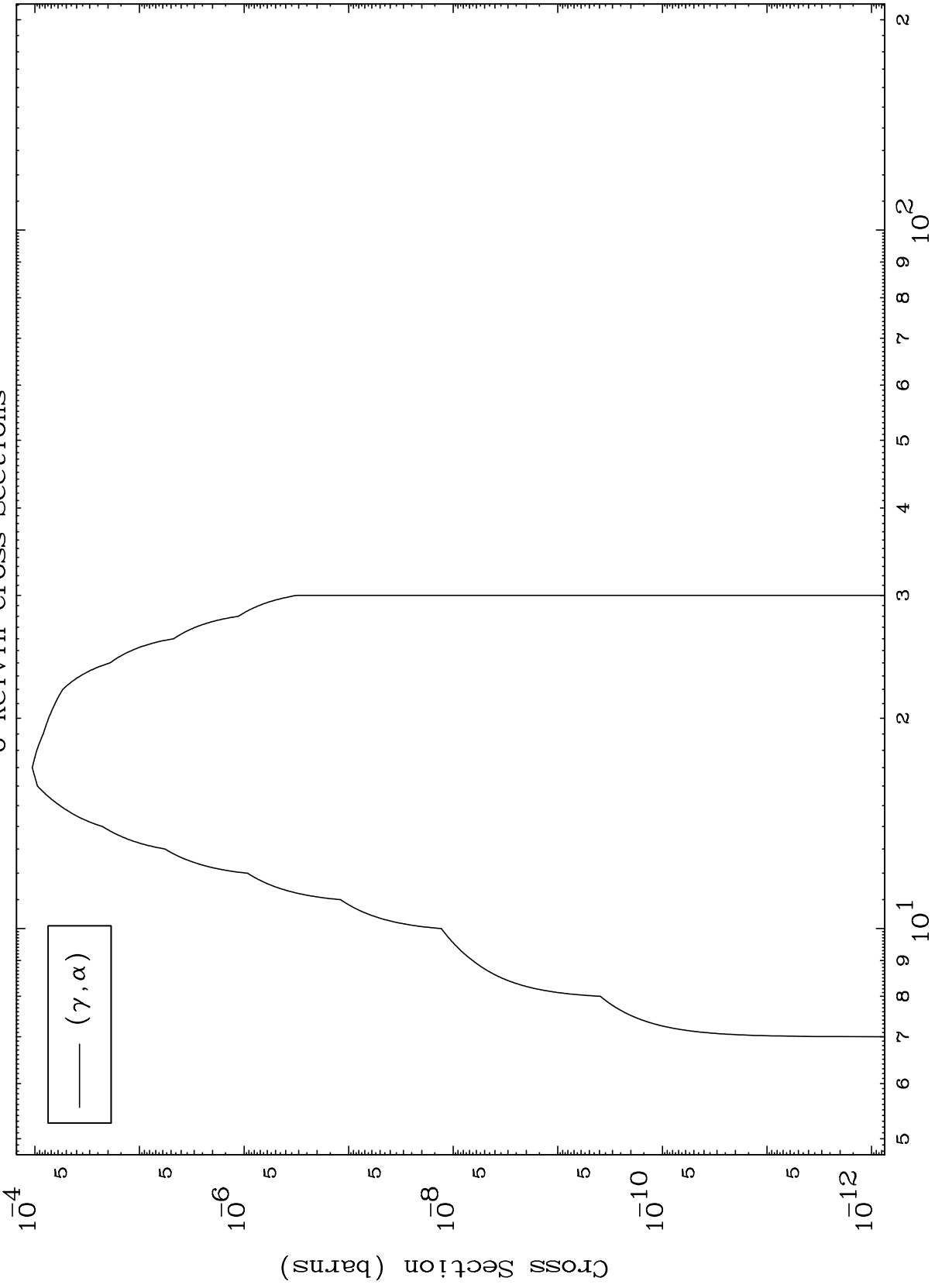
43-Tc-99



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43-Tc-99

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



10

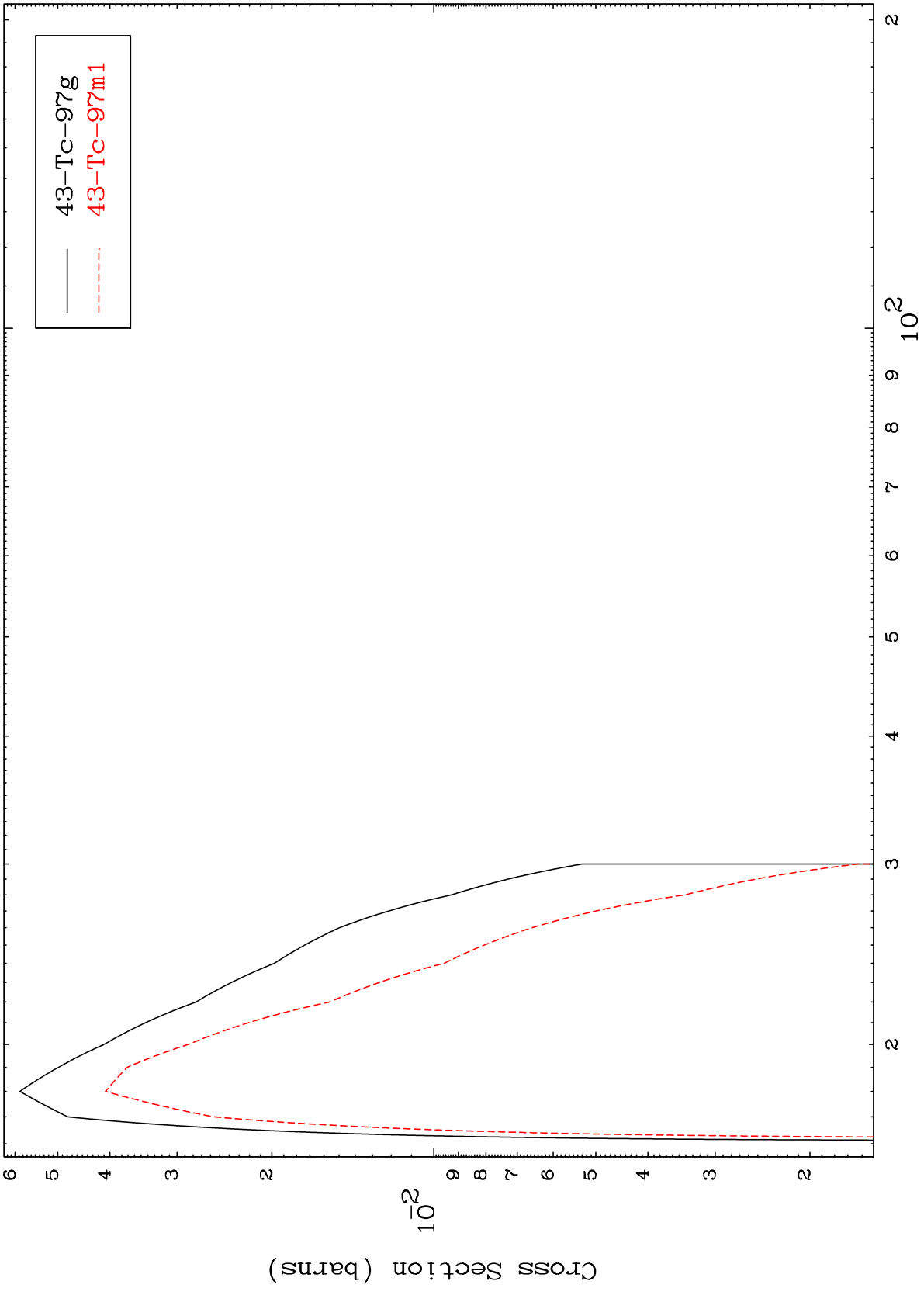
Incident Energy (MeV)

43-Tc-99

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

43-Tc-99



43-Tc-99

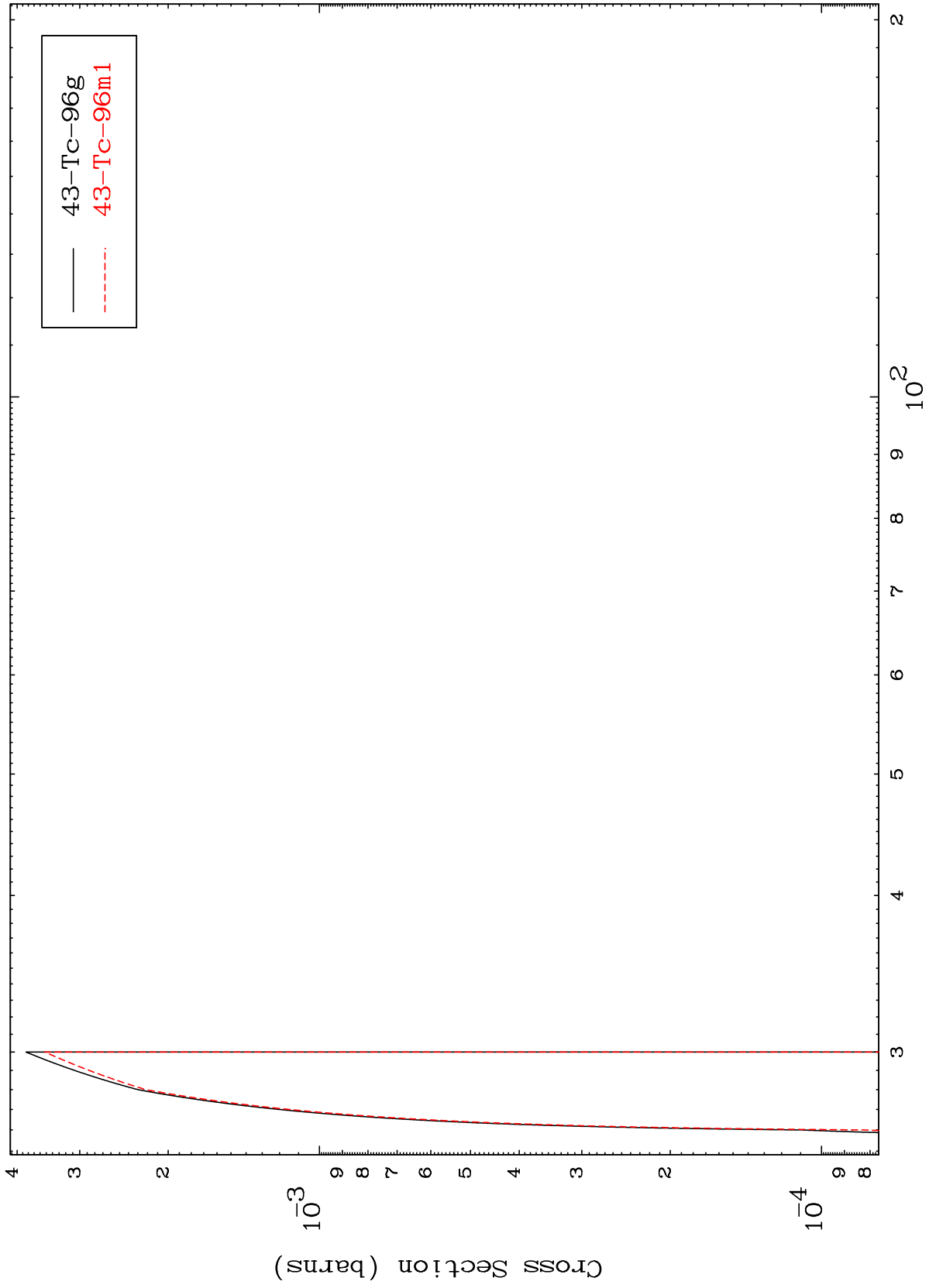
Incident Energy (MeV)

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43-Tc-99

( $\gamma, 3n$ )  
Radionuclide Production Cross Section



12

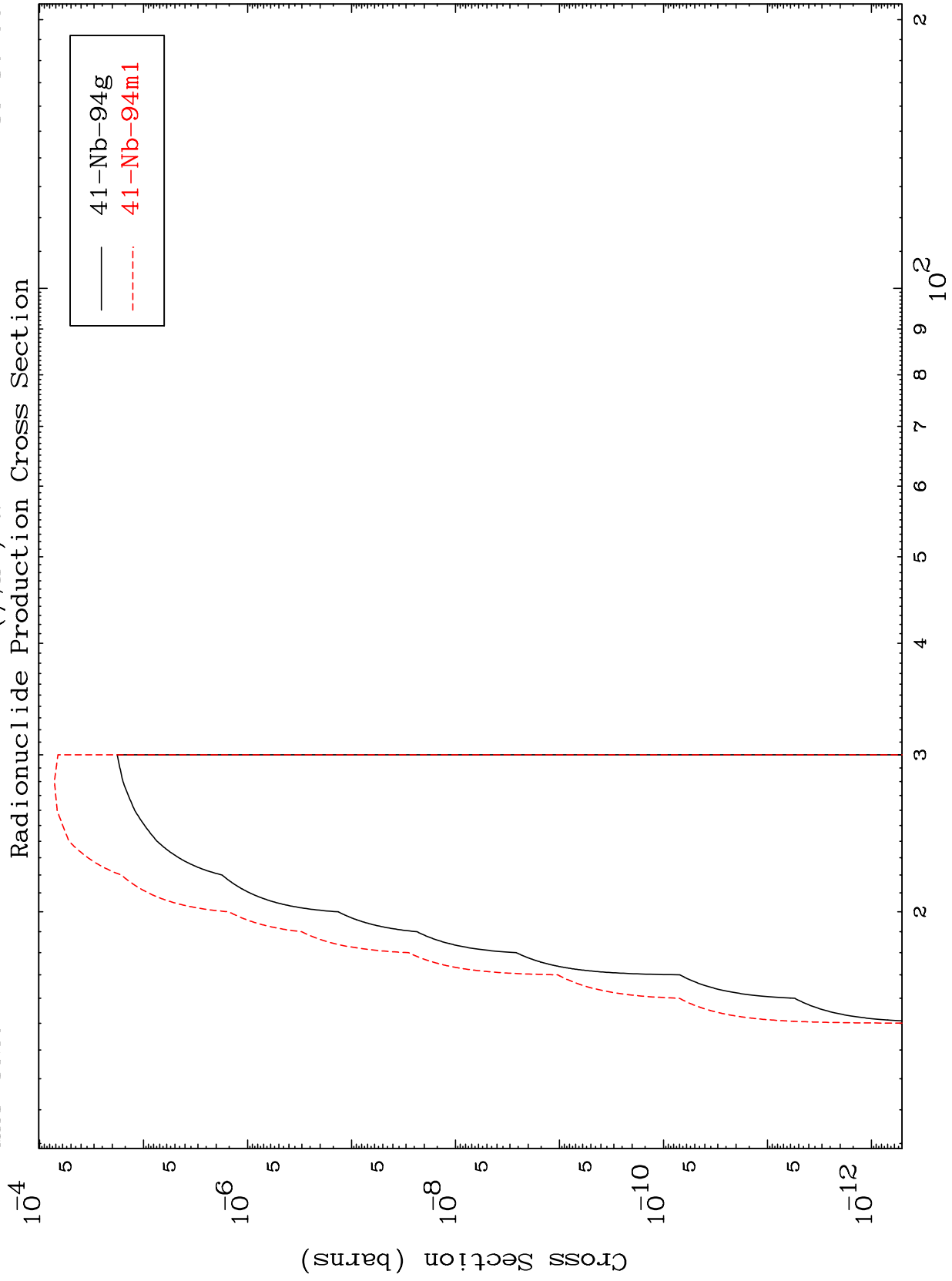
Incident Energy (MeV)

43-Tc-99

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

43-Tc-99



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Incident Energy (MeV)

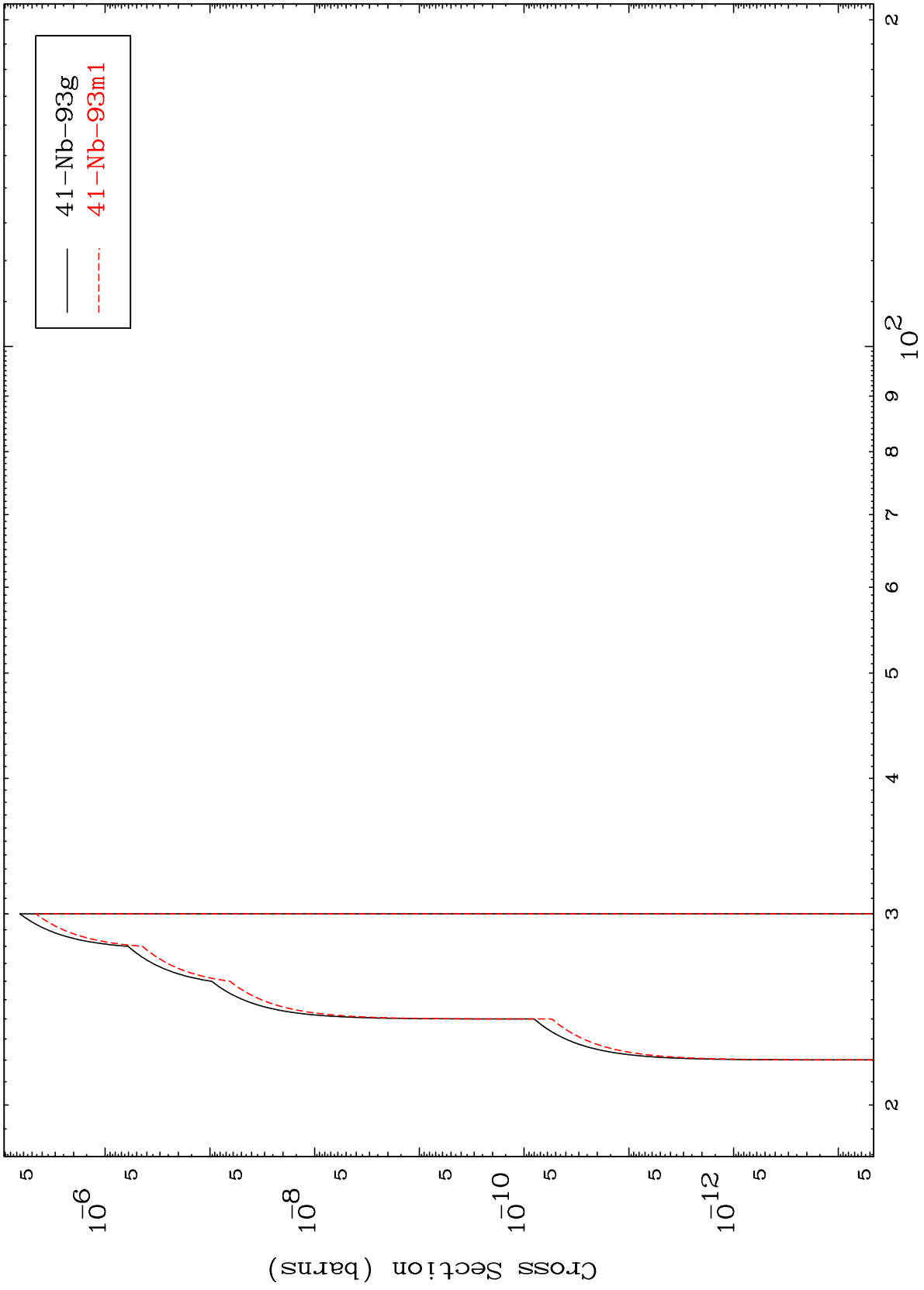
43-Tc-99

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

43-Tc-99

Radionuclide Production Cross Section



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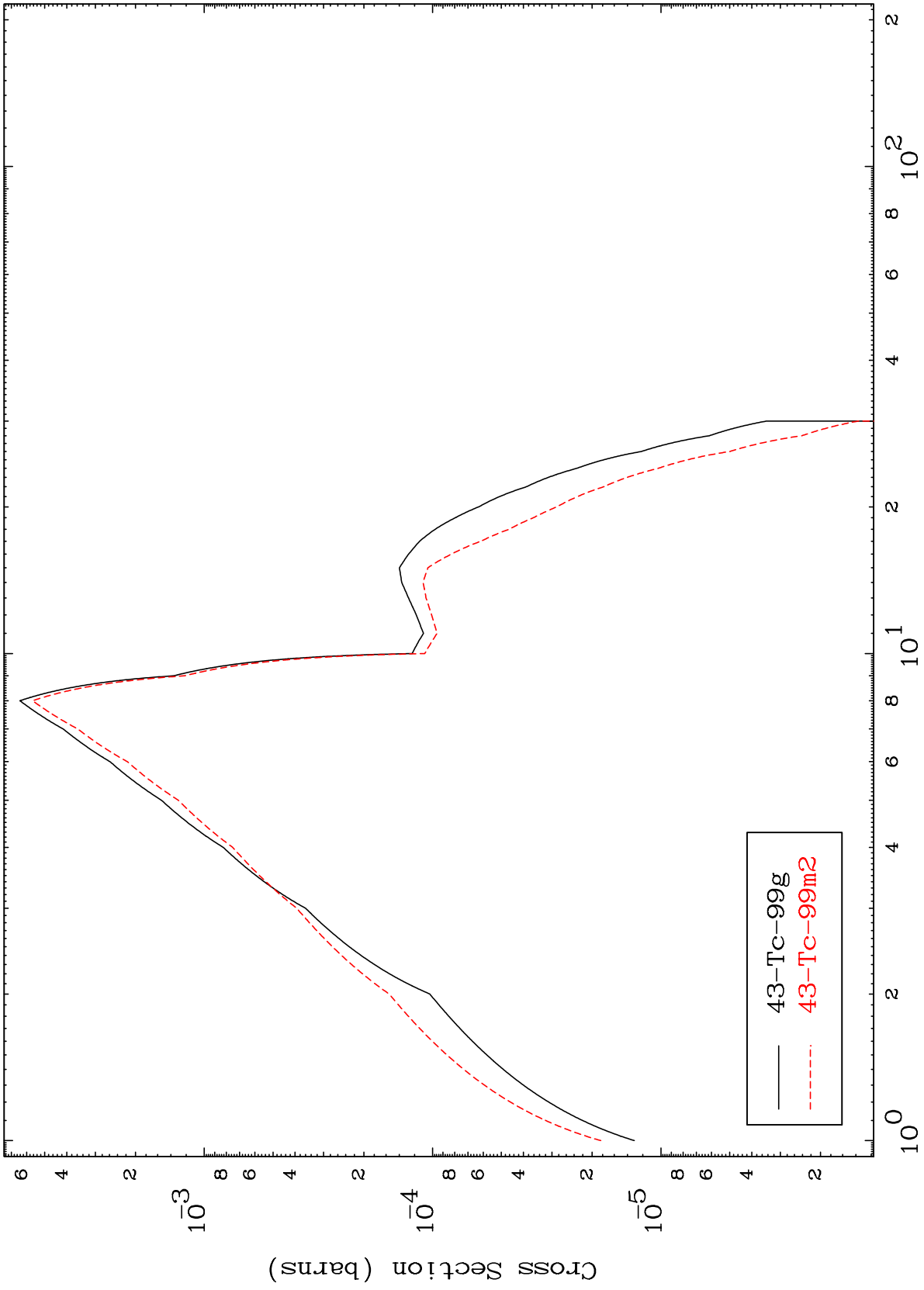
Incident Energy (MeV)

43-Tc-99

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43-Tc-99

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



43-Tc-99

Incident Energy (MeV)

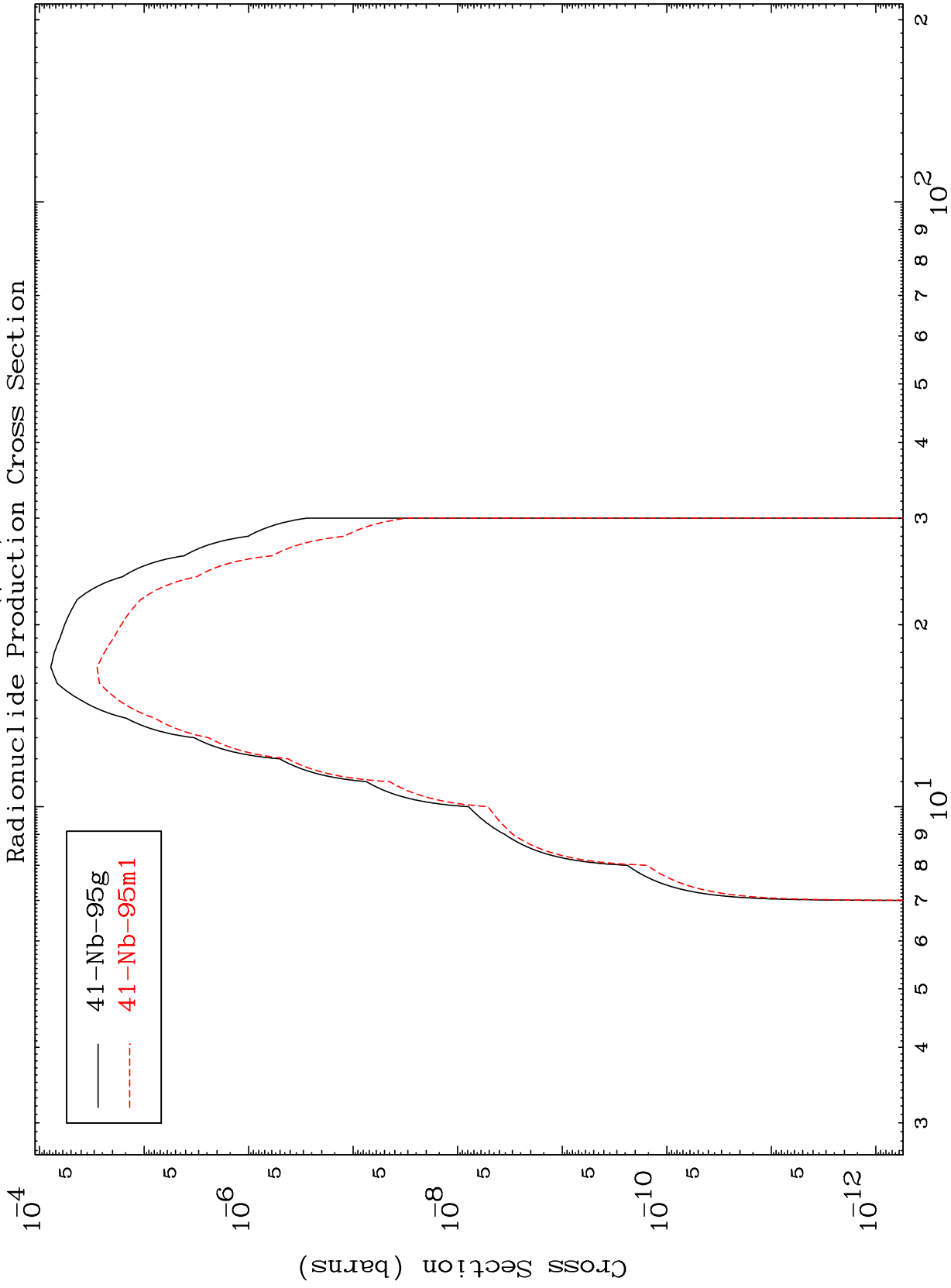
— 43-Tc-99g  
- - - 43-Tc-99m2



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43-Tc-99

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



— 41-Nb-95g  
- - - 41-Nb-95m1

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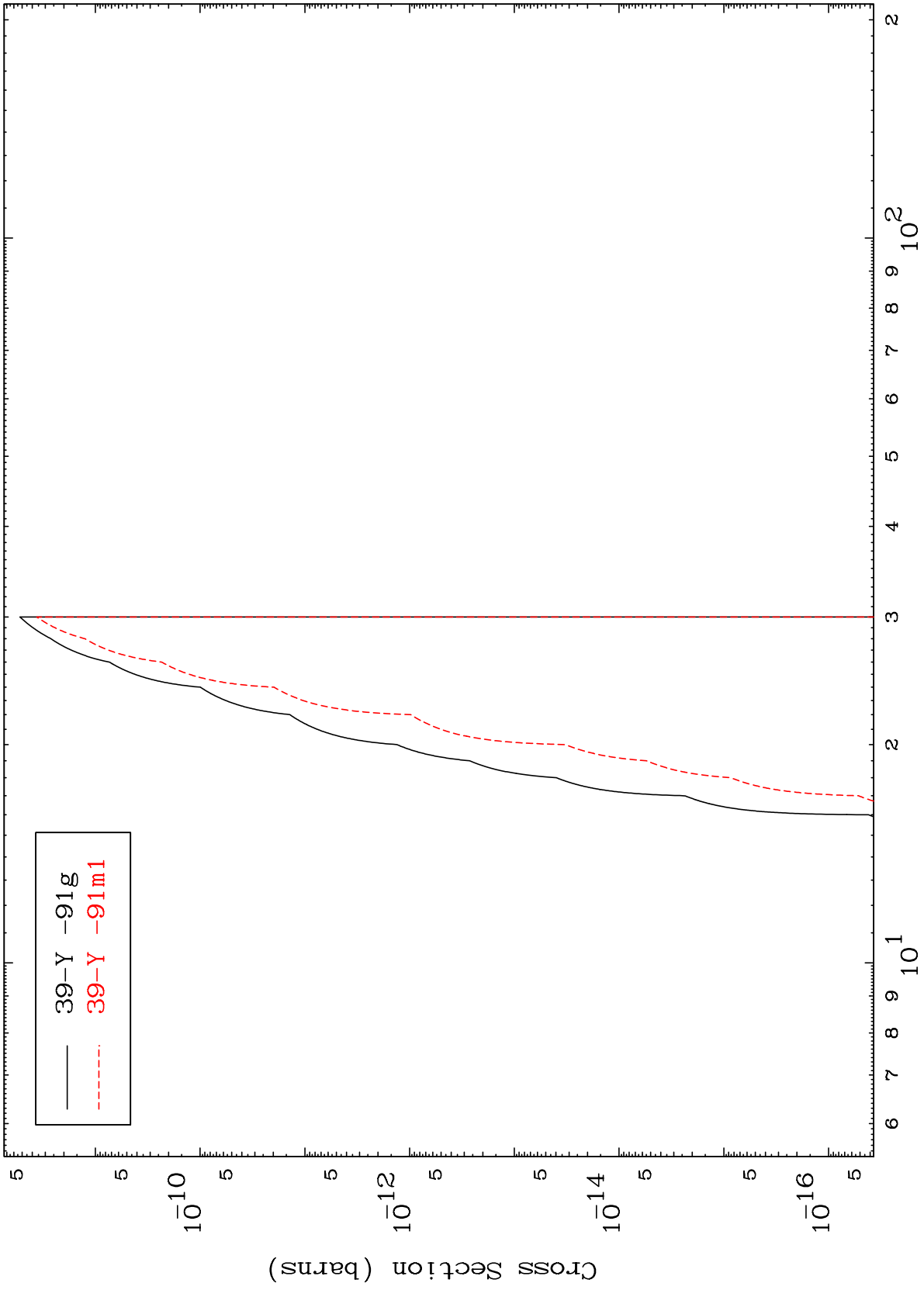
Incident Energy (MeV)

43-Tc-99

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43-Tc-99

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



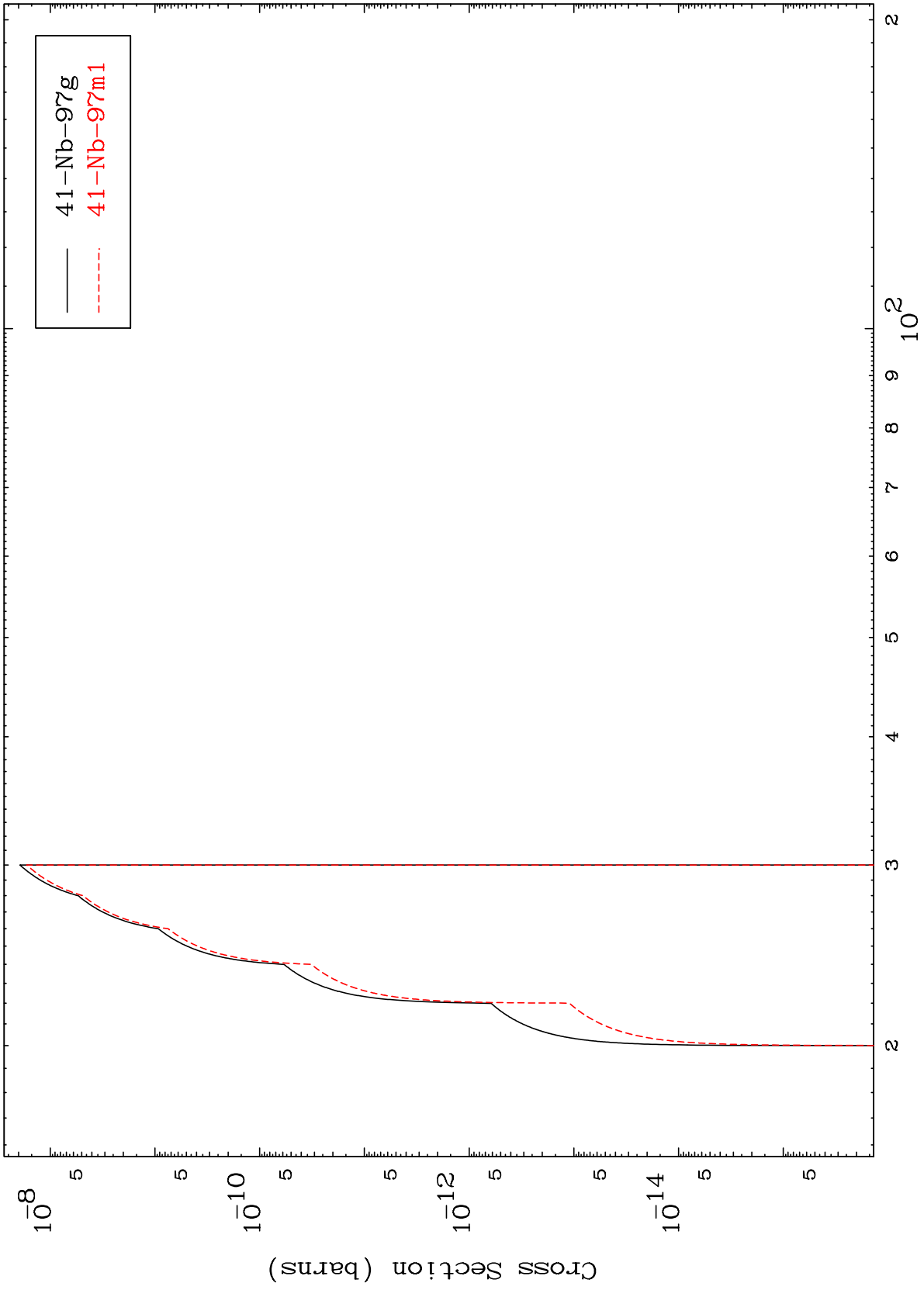
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43-Tc-99

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43-Tc-99

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



18

Incident Energy (MeV)

43-Tc-99