

Program EVALPLOT  
(Version 2017-1)

by

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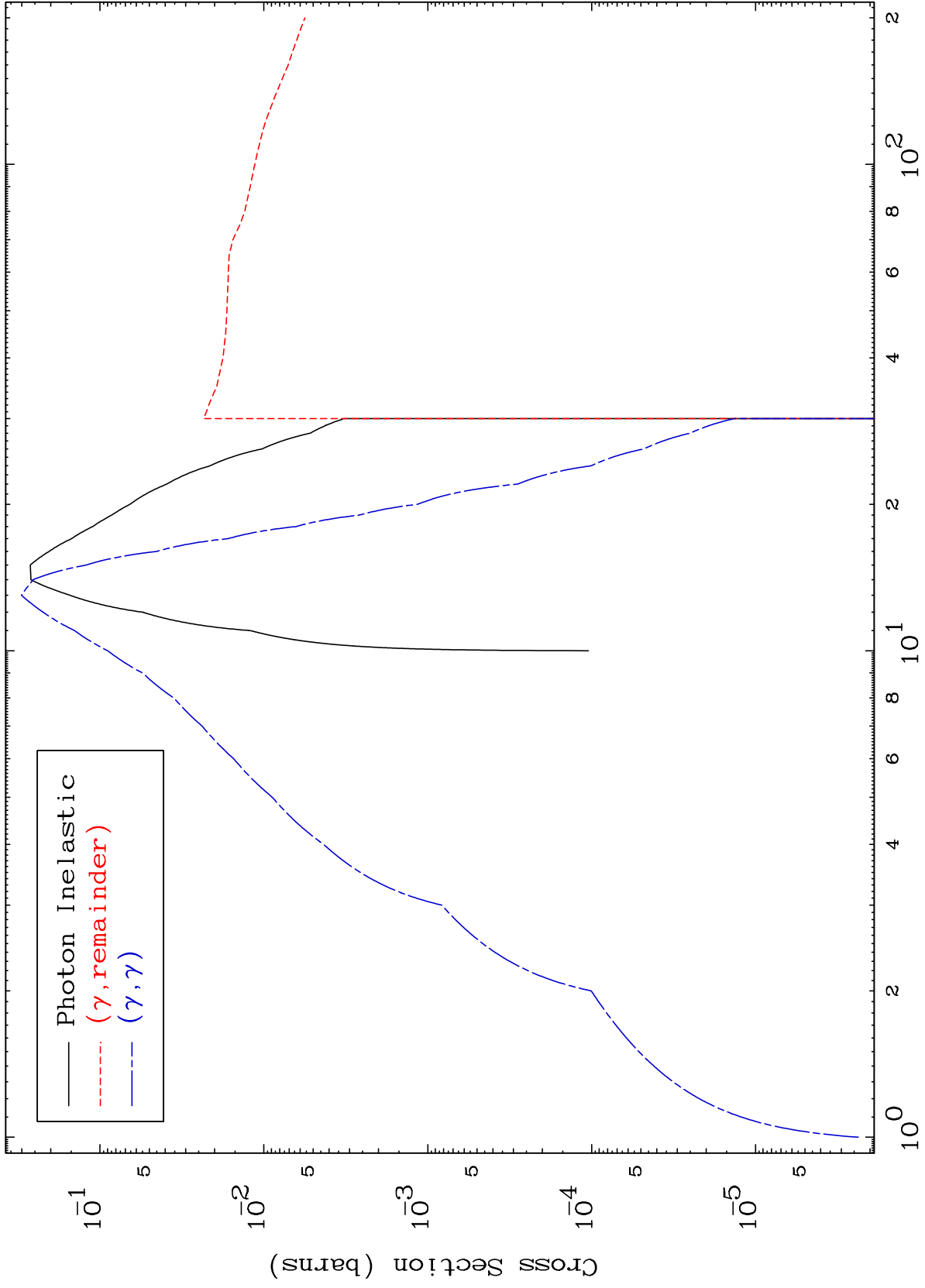
Press Mouse Button to Start

MAT 8519

Photon Major

85-At-201

0 Kelvin Cross Sections



— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- . -  $(\gamma, \gamma)$

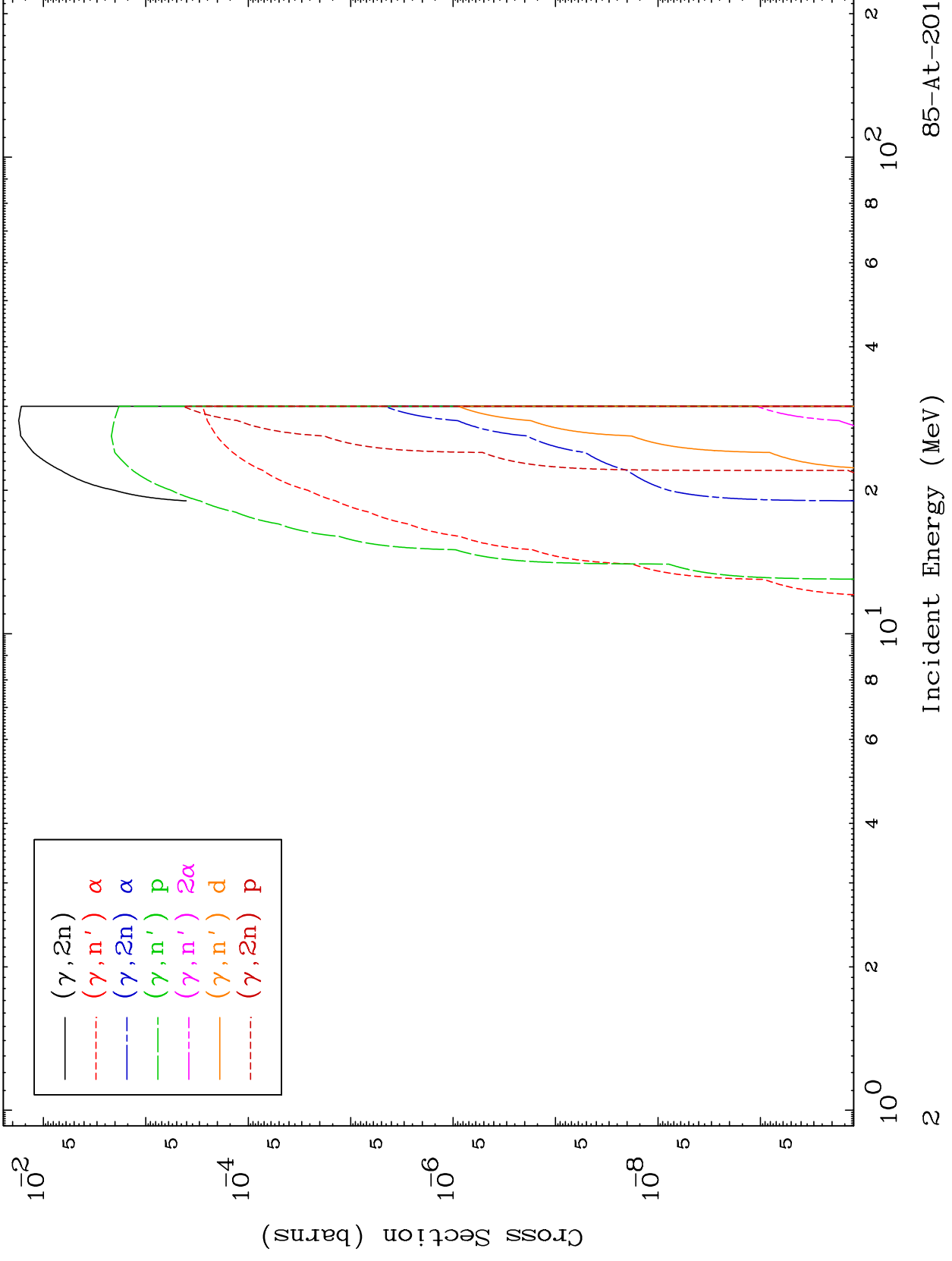
Incident Energy (MeV)

85-At-201

MAT 8519

Photon Neutron Production  
0 Kelvin Cross Sections

85-At-201



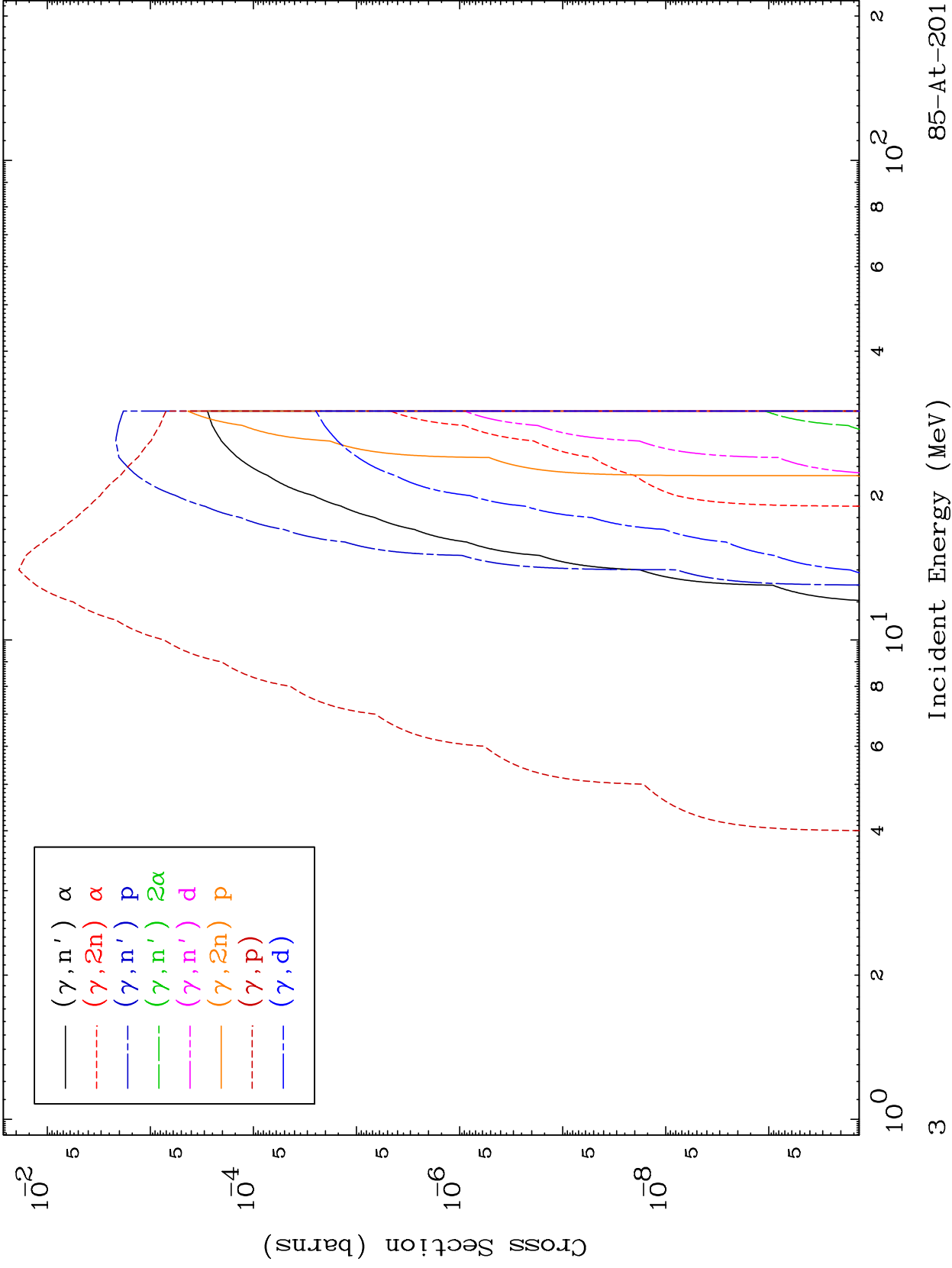
85-At-201

Incident Energy (MeV)

MAT 8519

Photon Charged Particle  
0 Kelvin Cross Sections

85-At-201



Incident Energy (MeV)

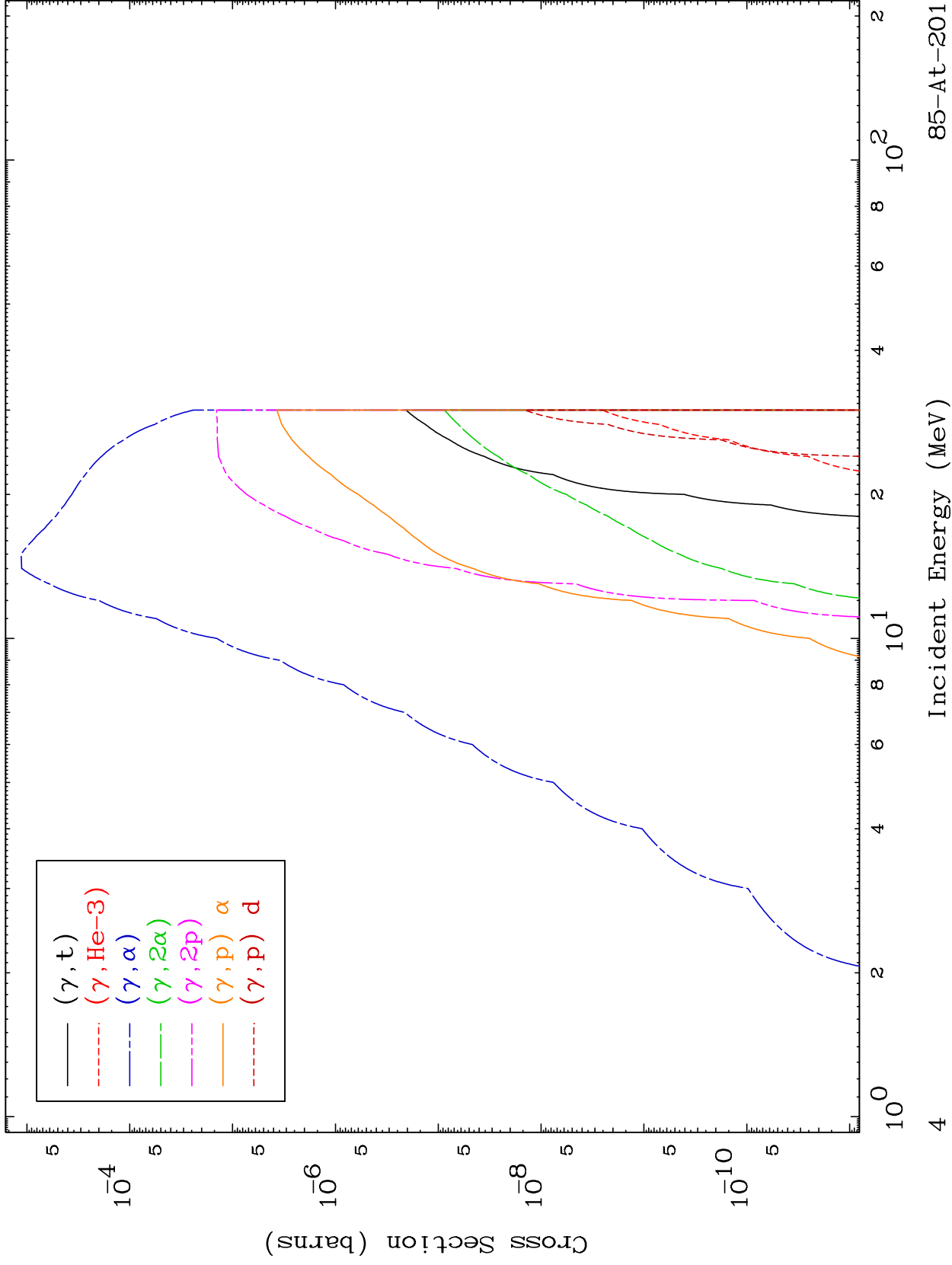
85-At-201

3

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Photon Charged Particle  
0 Kelvin Cross Sections

85-At-201

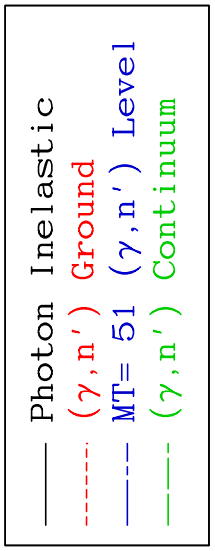
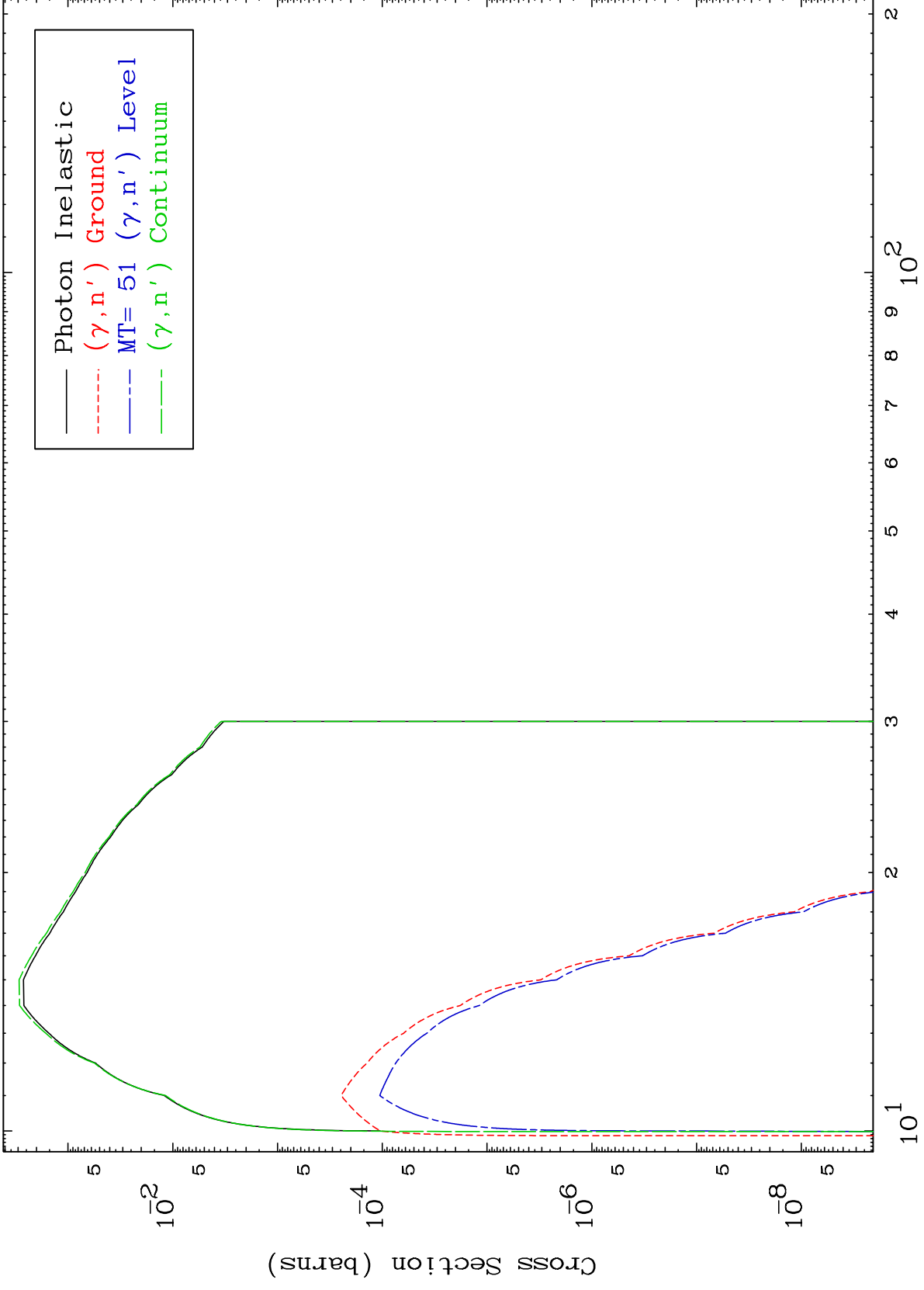


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$(\gamma, n')$  Level

85-At-201

0 Kelvin Cross Sections



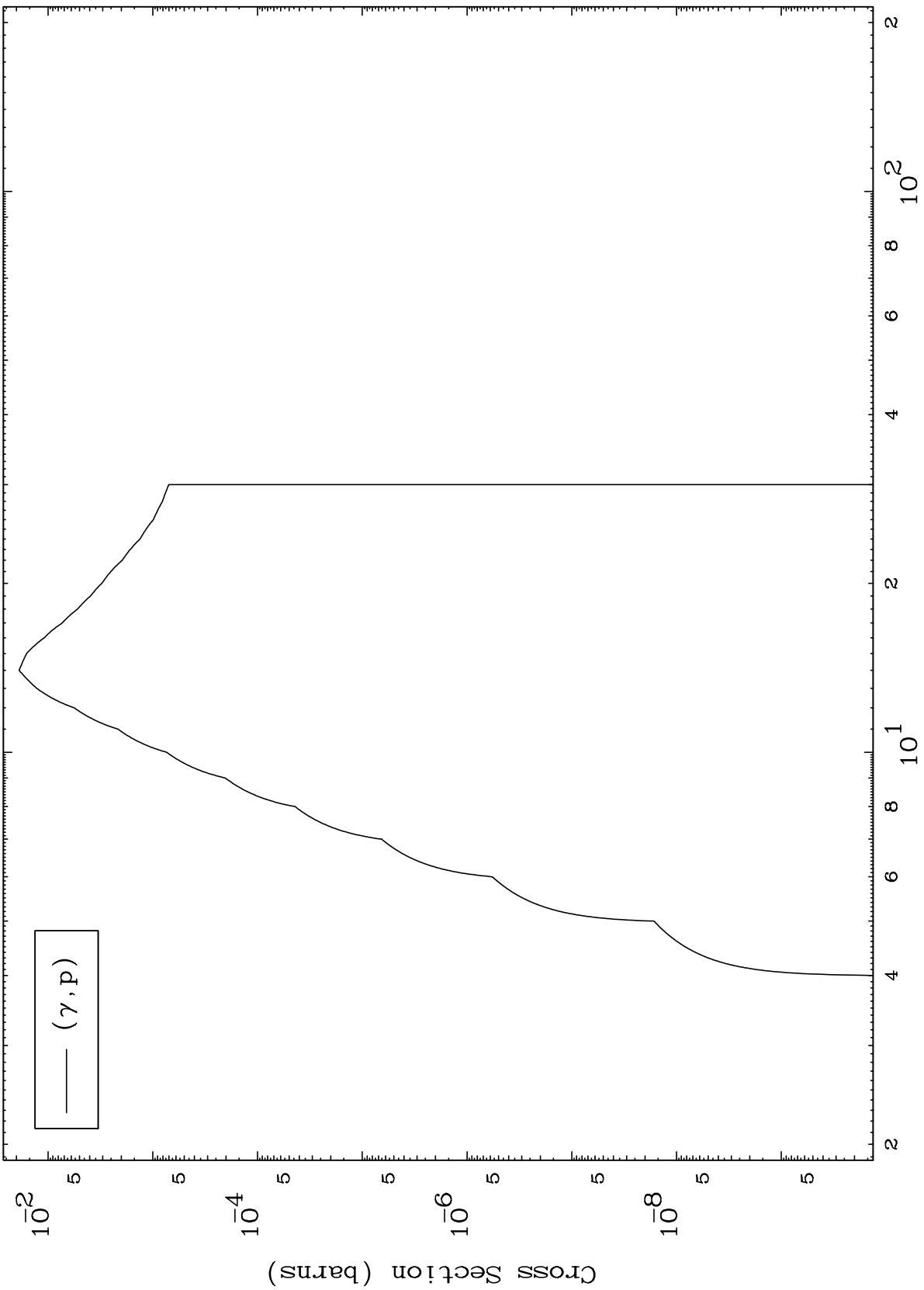
Incident Energy (MeV)

85-At-201

MAT 8519

85-At-201

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



6

Incident Energy (MeV)

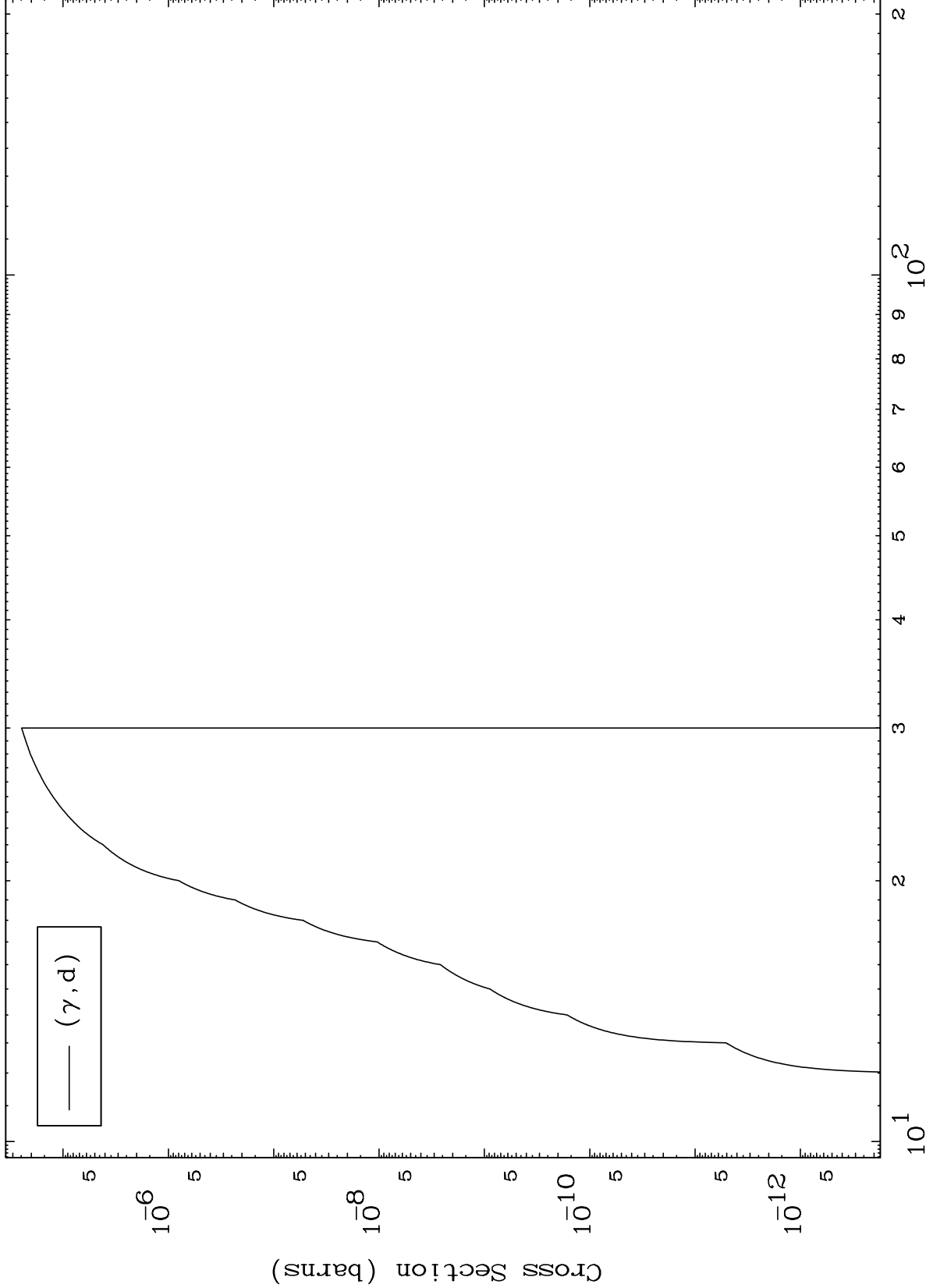
85-At-201

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( $\gamma, d$ ) Levels

85-At-201

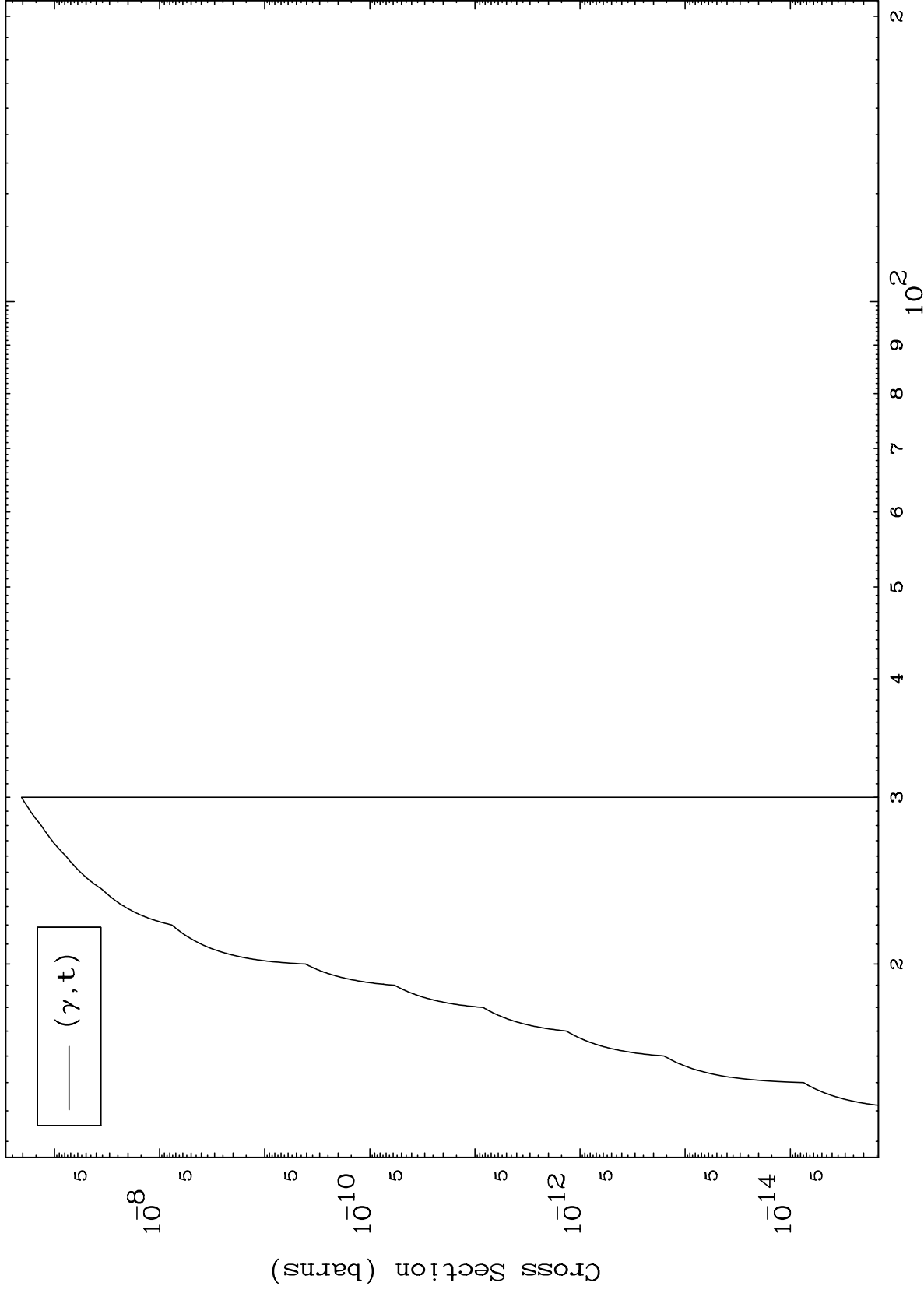
0 Kelvin Cross Sections

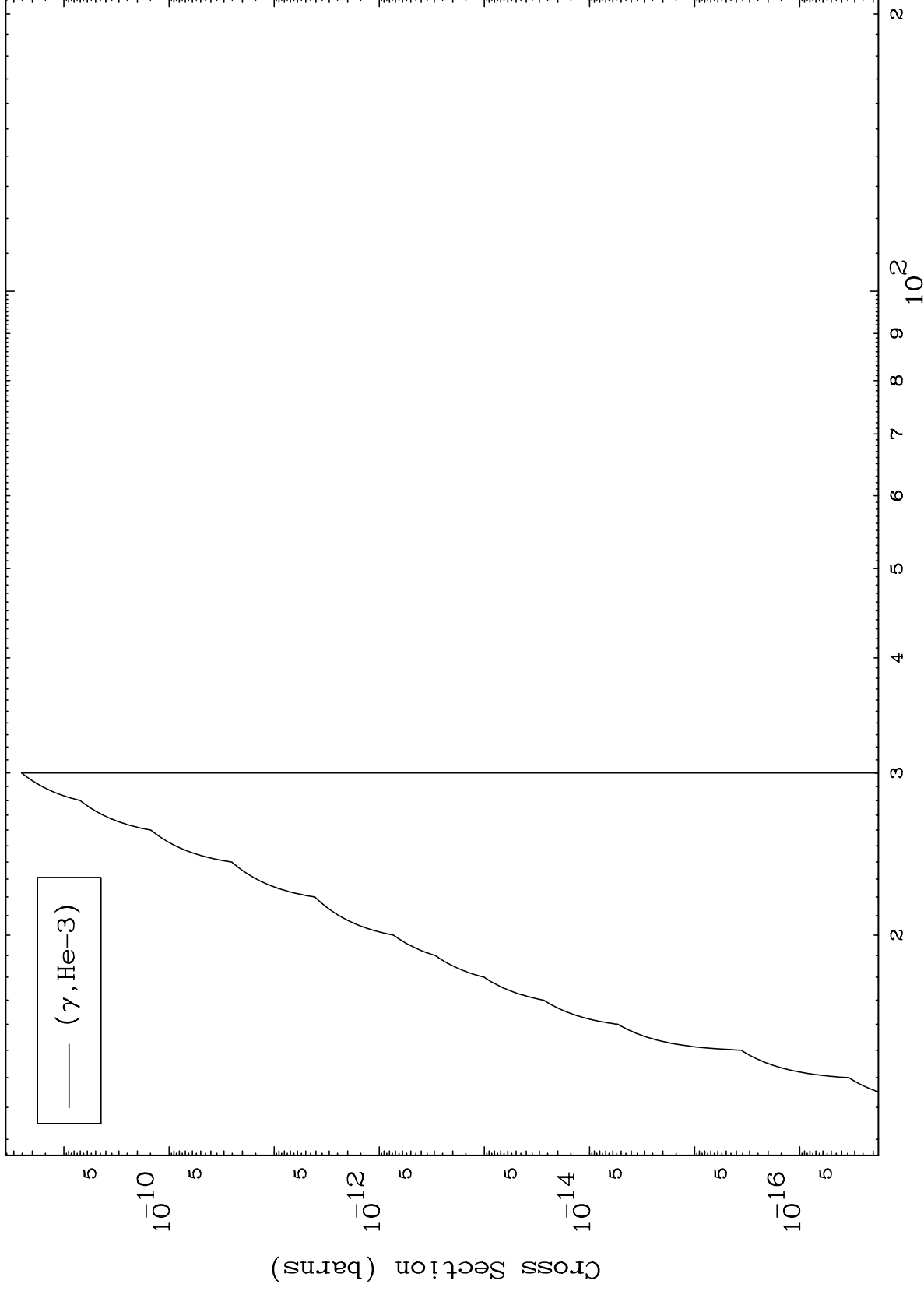


Incident Energy (MeV)

85-At-201



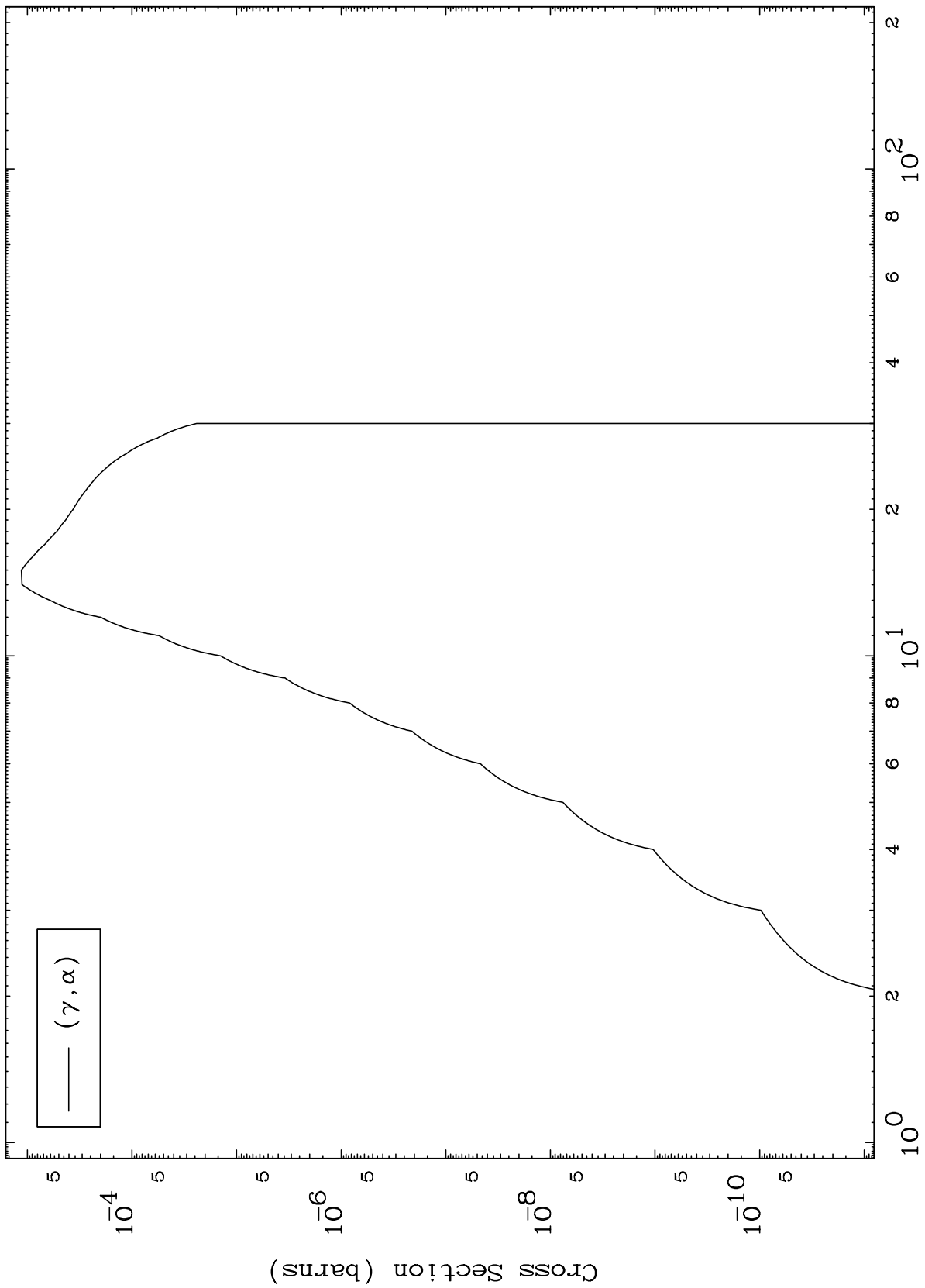




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85-At-201

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



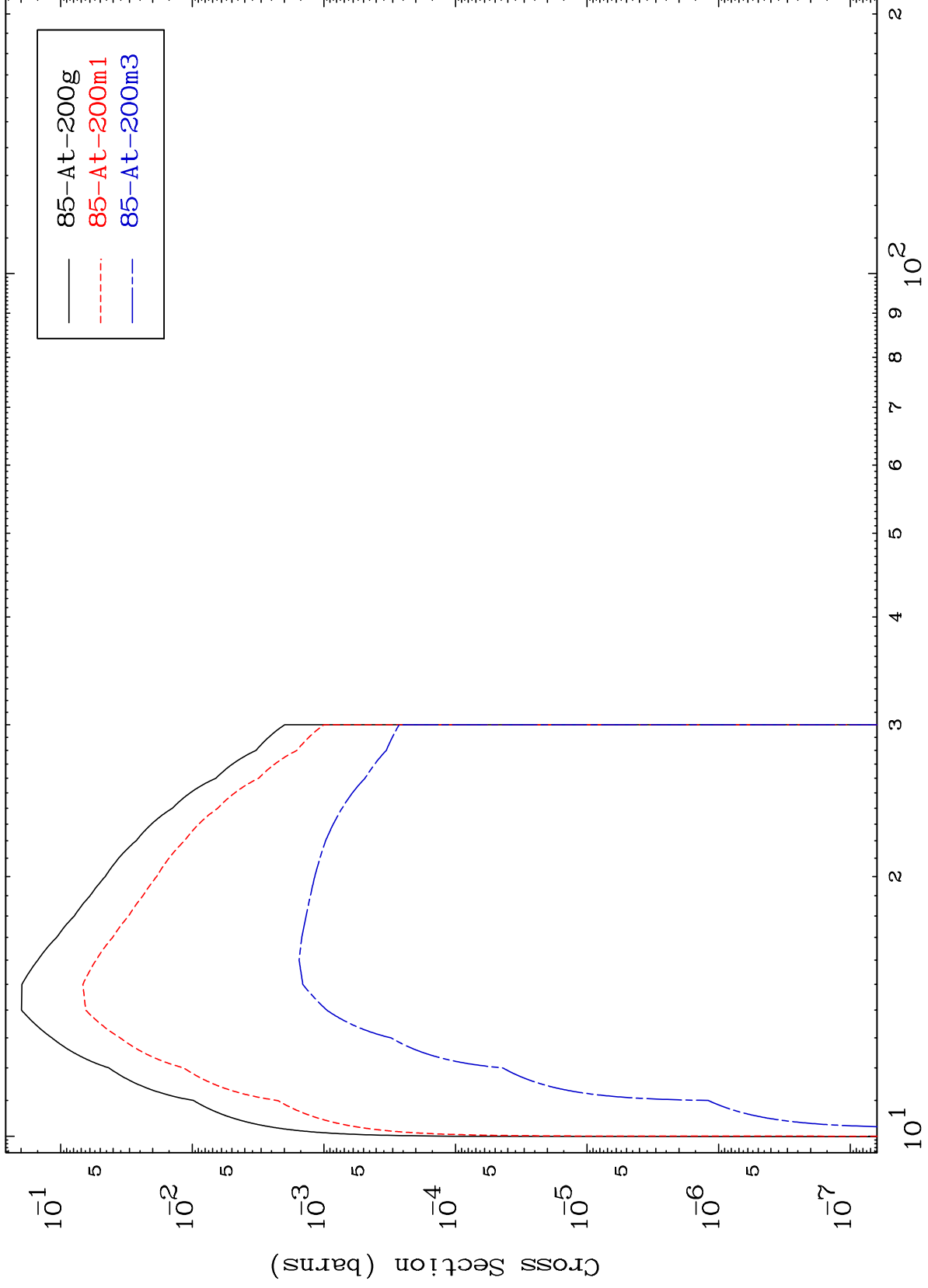
Incident Energy (MeV)

85-At-201

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Photon Inelastic  
Radionuclide Production Cross Section

85-At-201



Incident Energy (MeV)

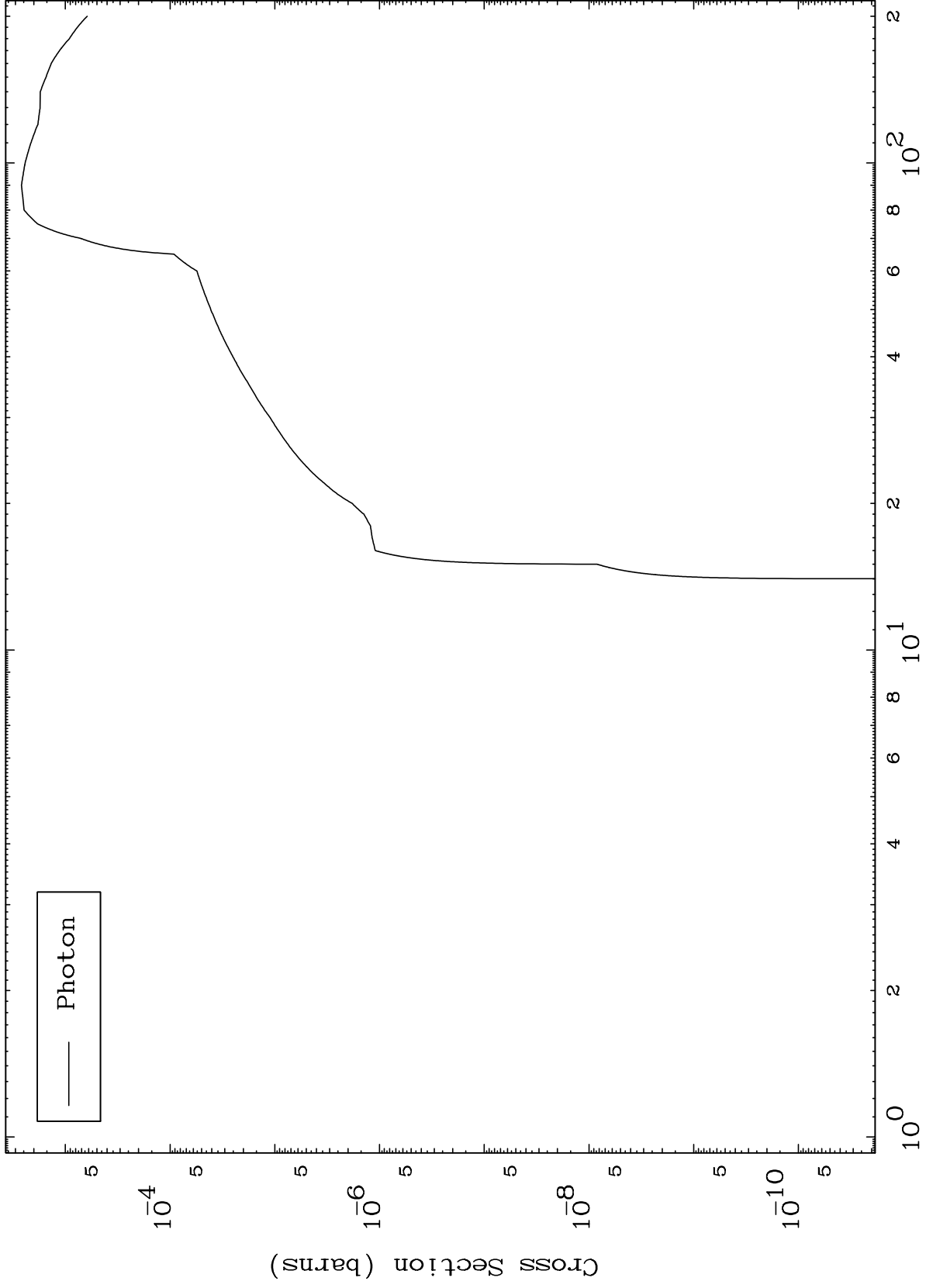
85-At-201

11

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85-At-201

Photon Fission  
Radionuclide Production Cross Section



Incident Energy (MeV)

85-At-201

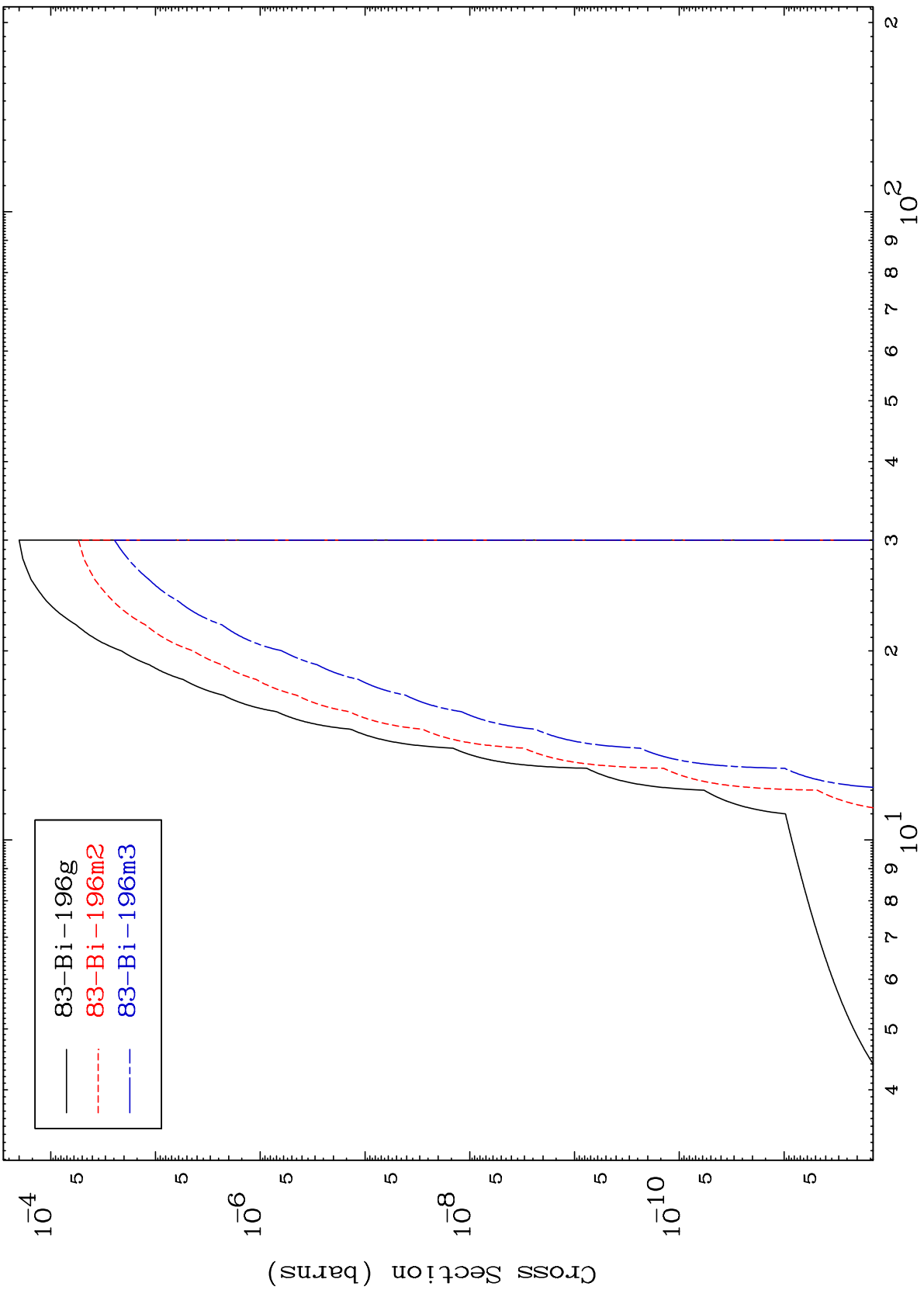
12

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

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Radionuclide Production Cross Section



13

Incident Energy (MeV)

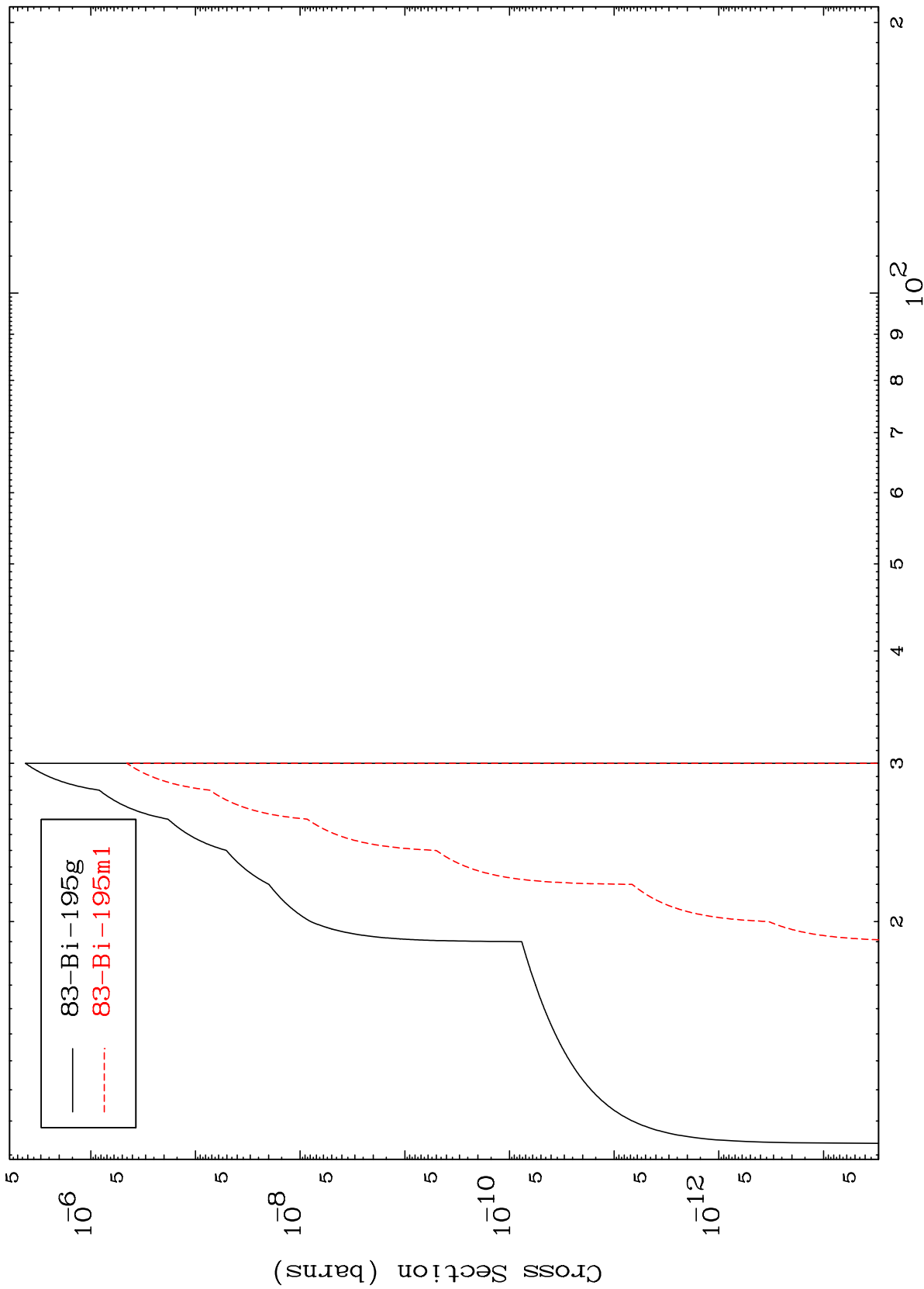
85-At-201

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

85-At-201

Radionuclide Production Cross Section



14

Incident Energy (MeV)

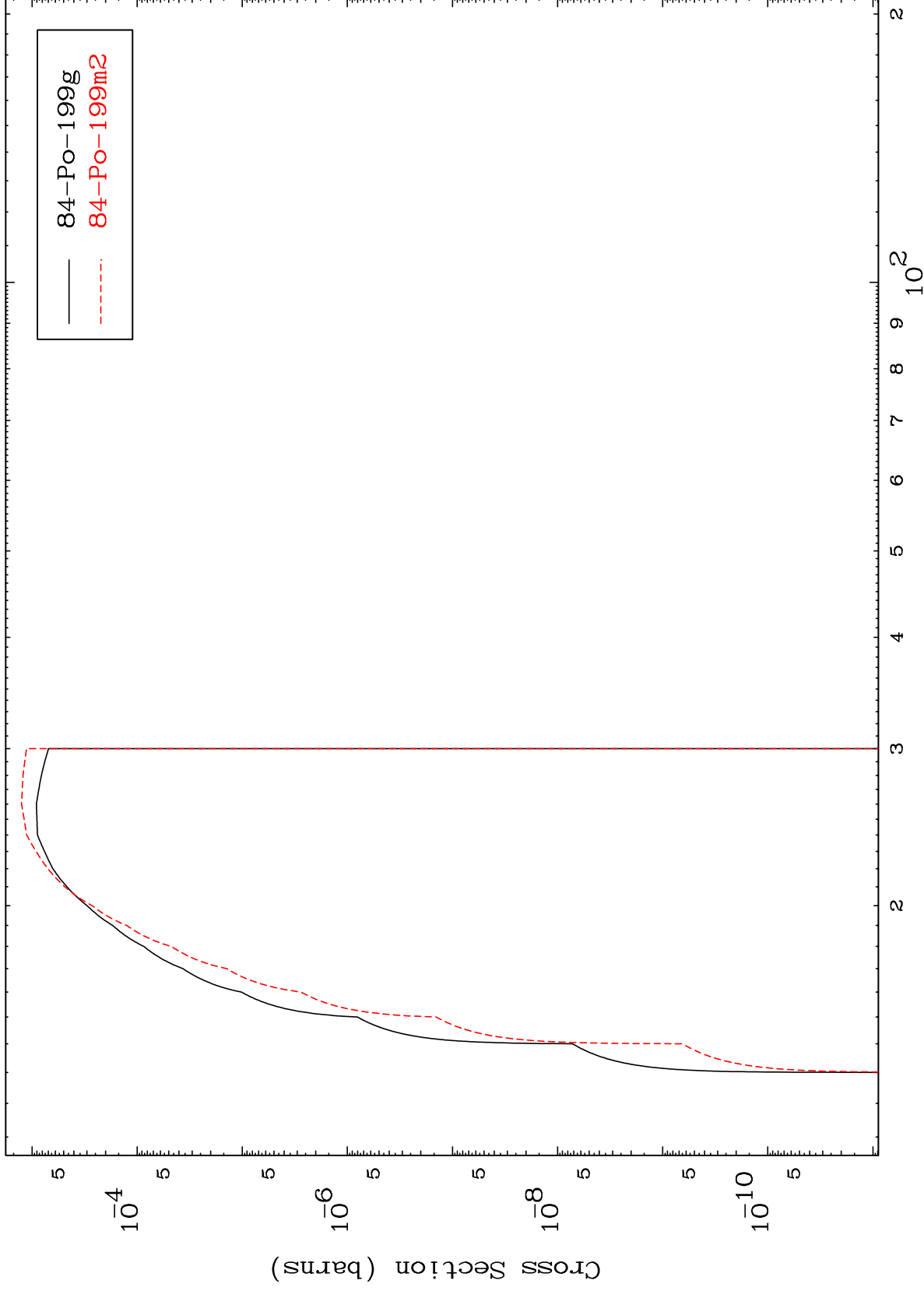
85-At-201

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$(\gamma, n')$  p

85-At-201

Radionuclide Production Cross Section



15

Incident Energy (MeV)

85-At-201

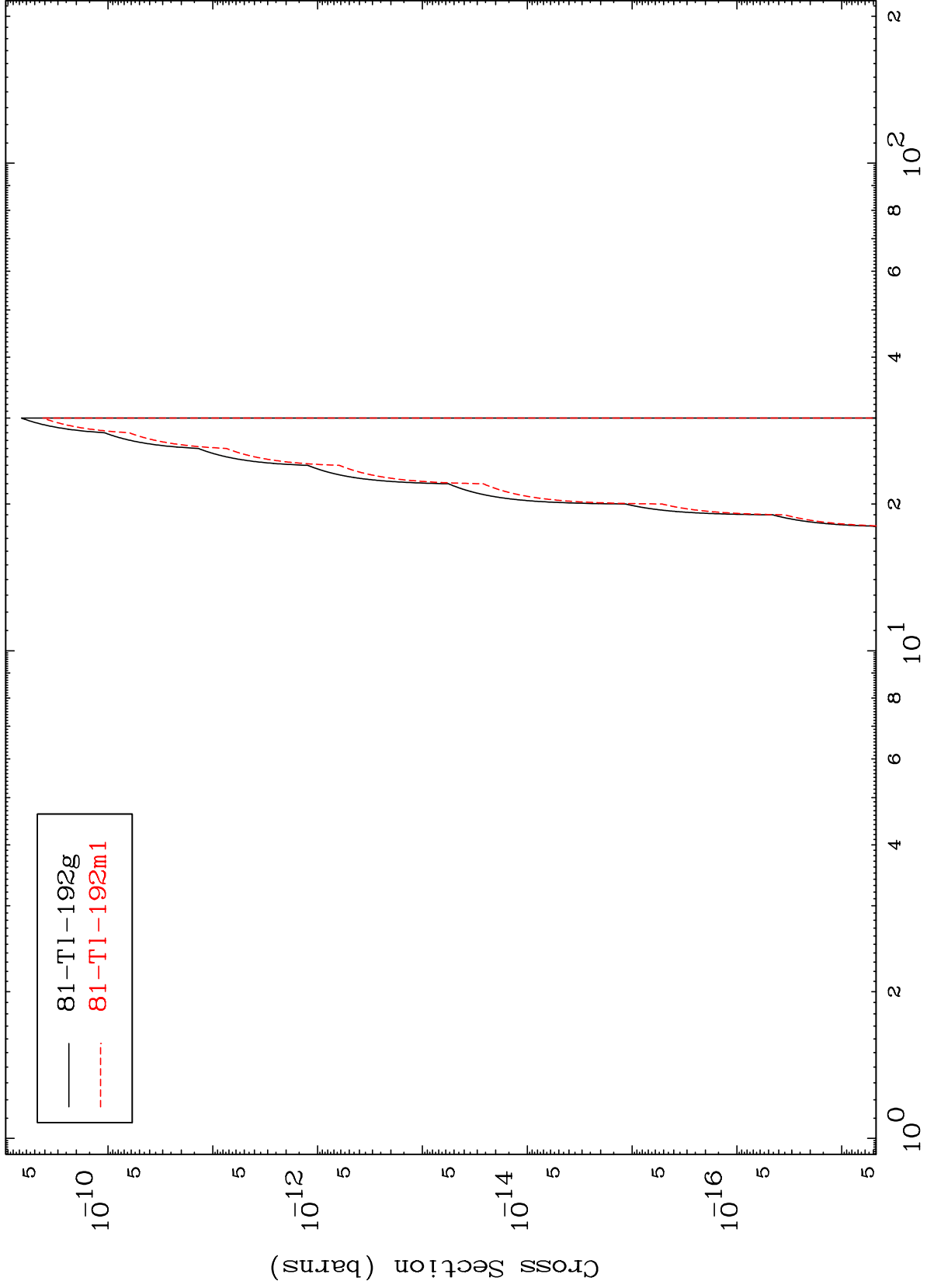


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( $\gamma, n'$ )  $2\alpha$

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Radionuclide Production Cross Section



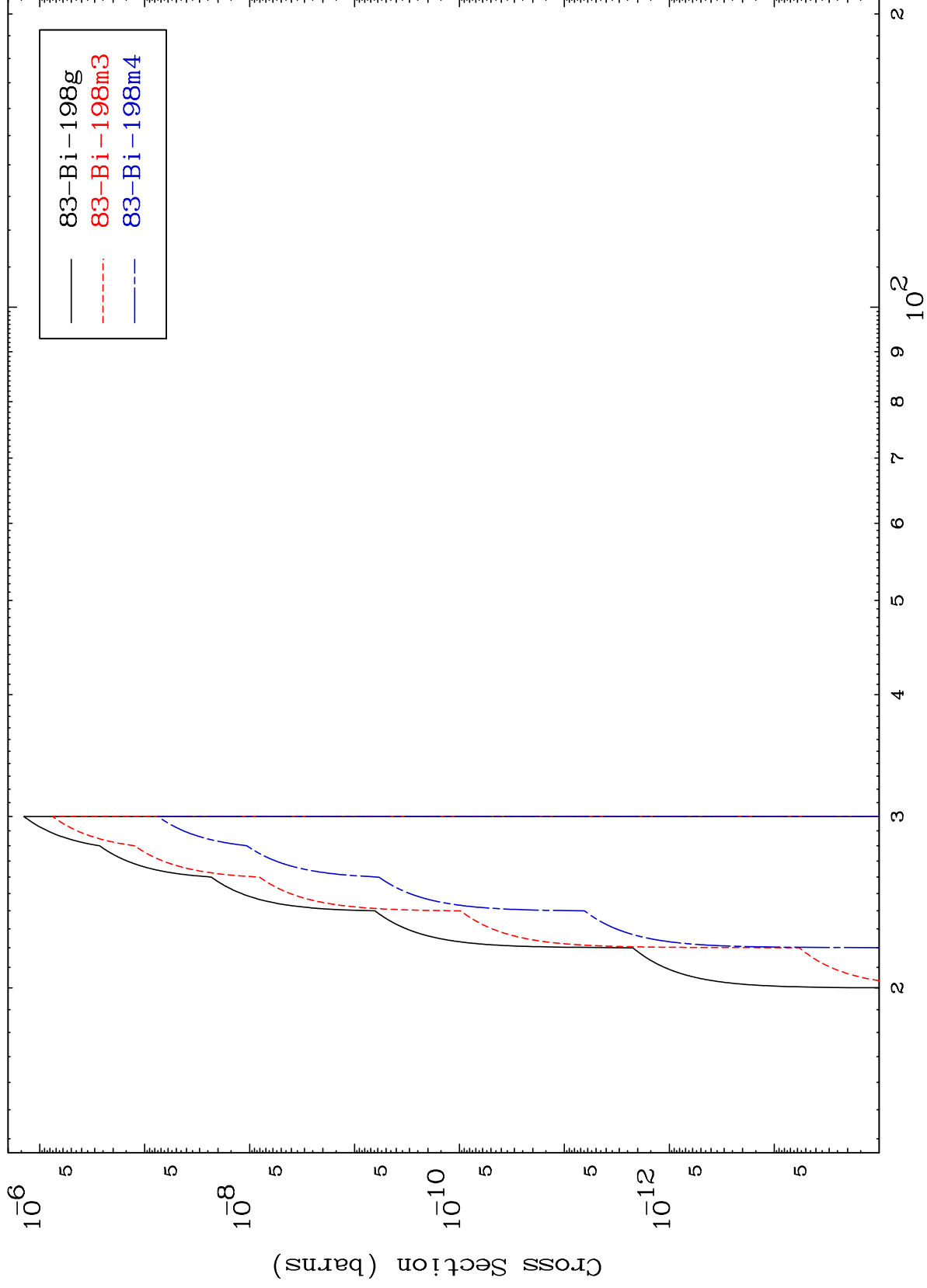
Incident Energy (MeV)

85-At-201

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85-At-201

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



17

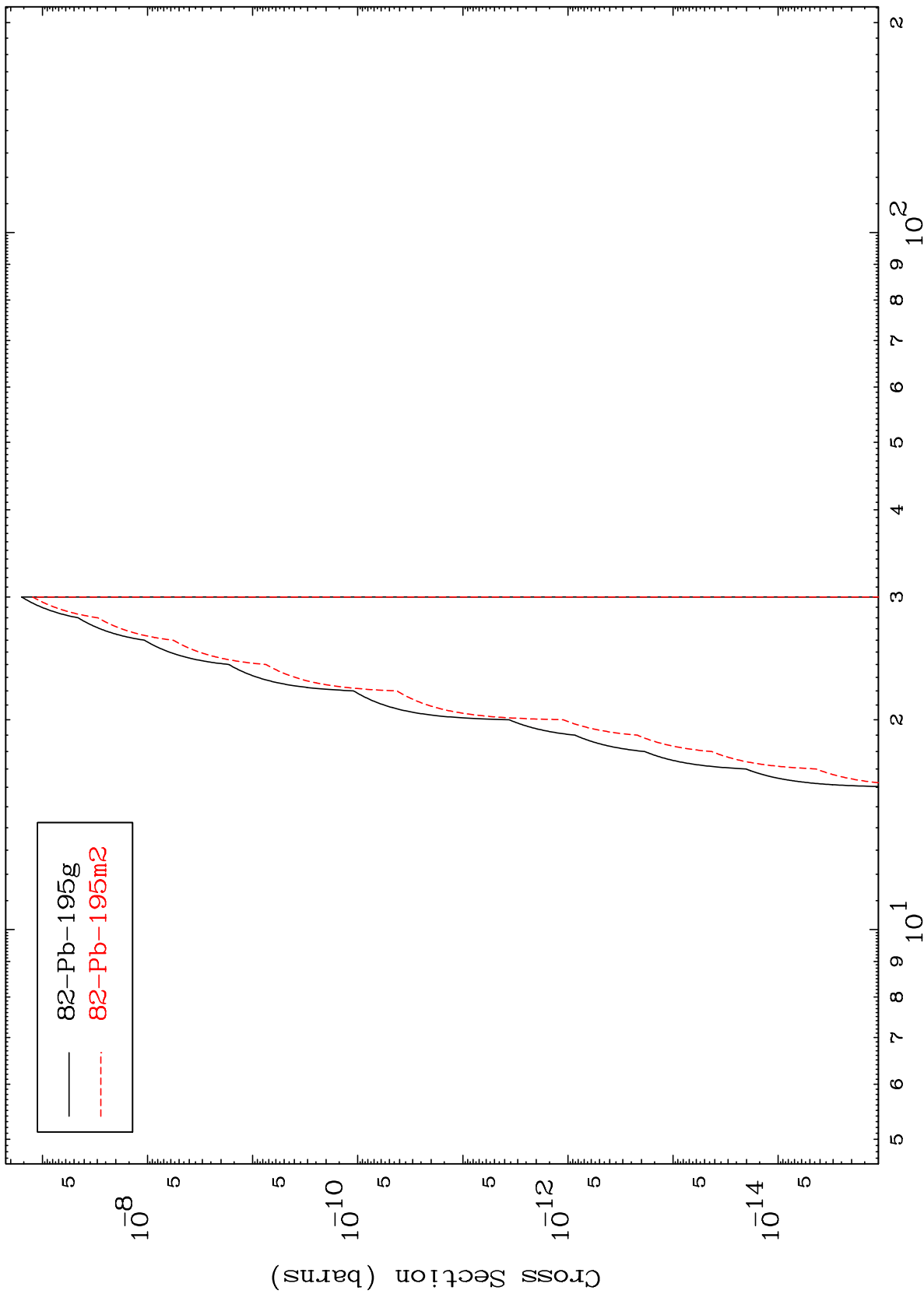
Incident Energy (MeV)

85-At-201

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85-At-201

( $\gamma, n'$ ) p  $\alpha$   
Radionuclide Production Cross Section



18

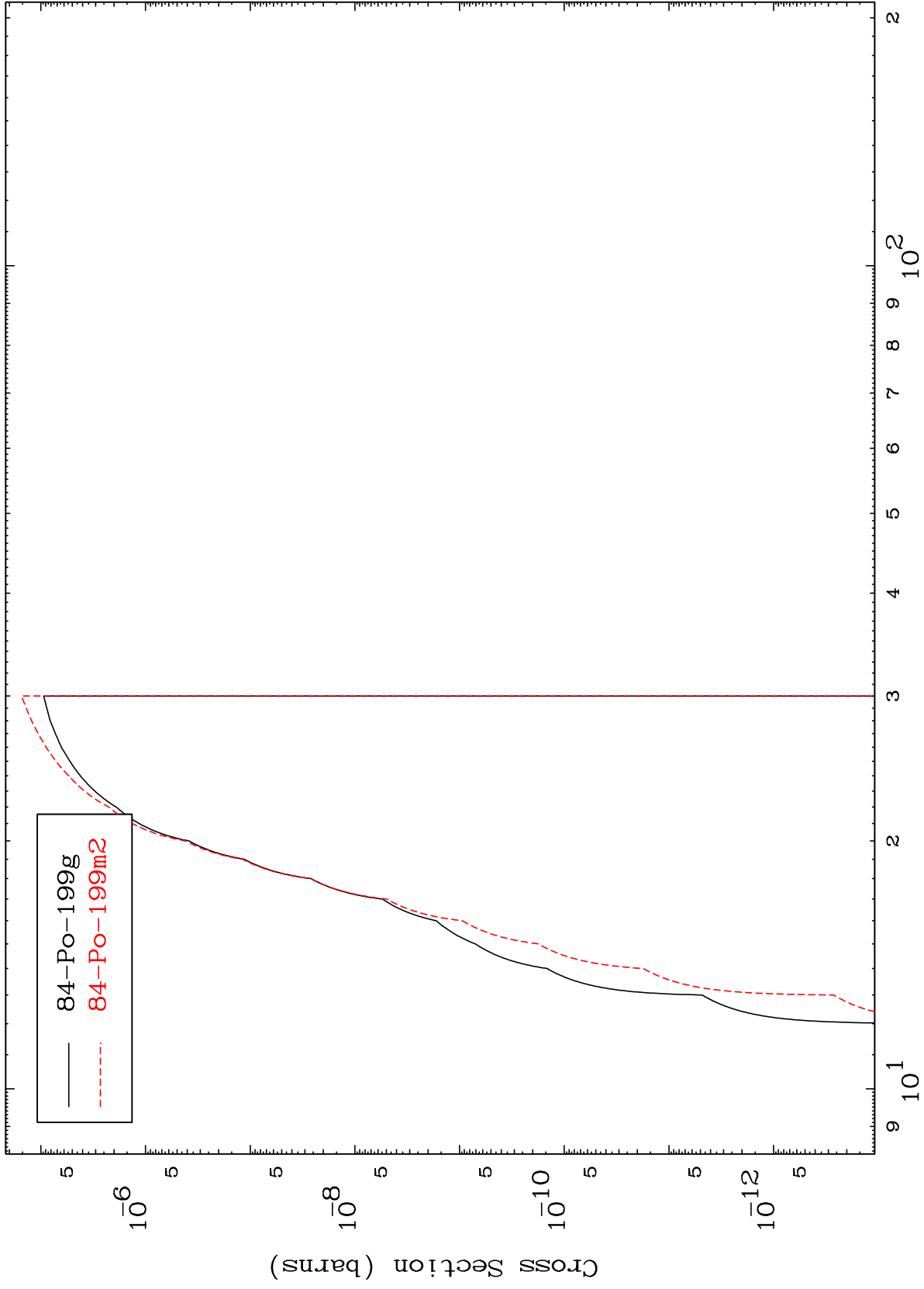
Incident Energy (MeV)

85-At-201

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85-At-201

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



19

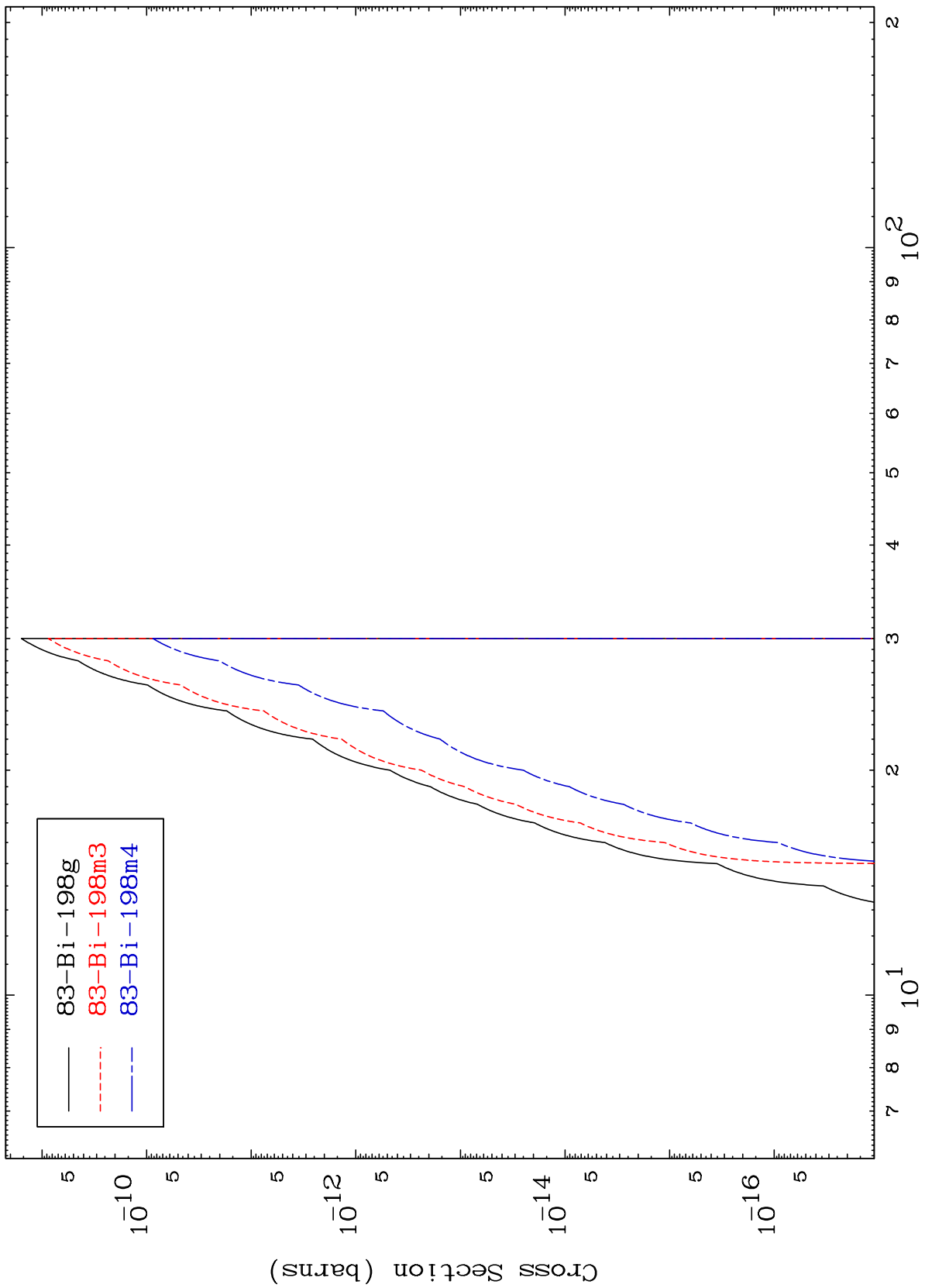
Incident Energy (MeV)

85-At-201

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85-At-201

Radionuclide Production Cross Section  
( $\gamma, \text{He-3}$ )



20

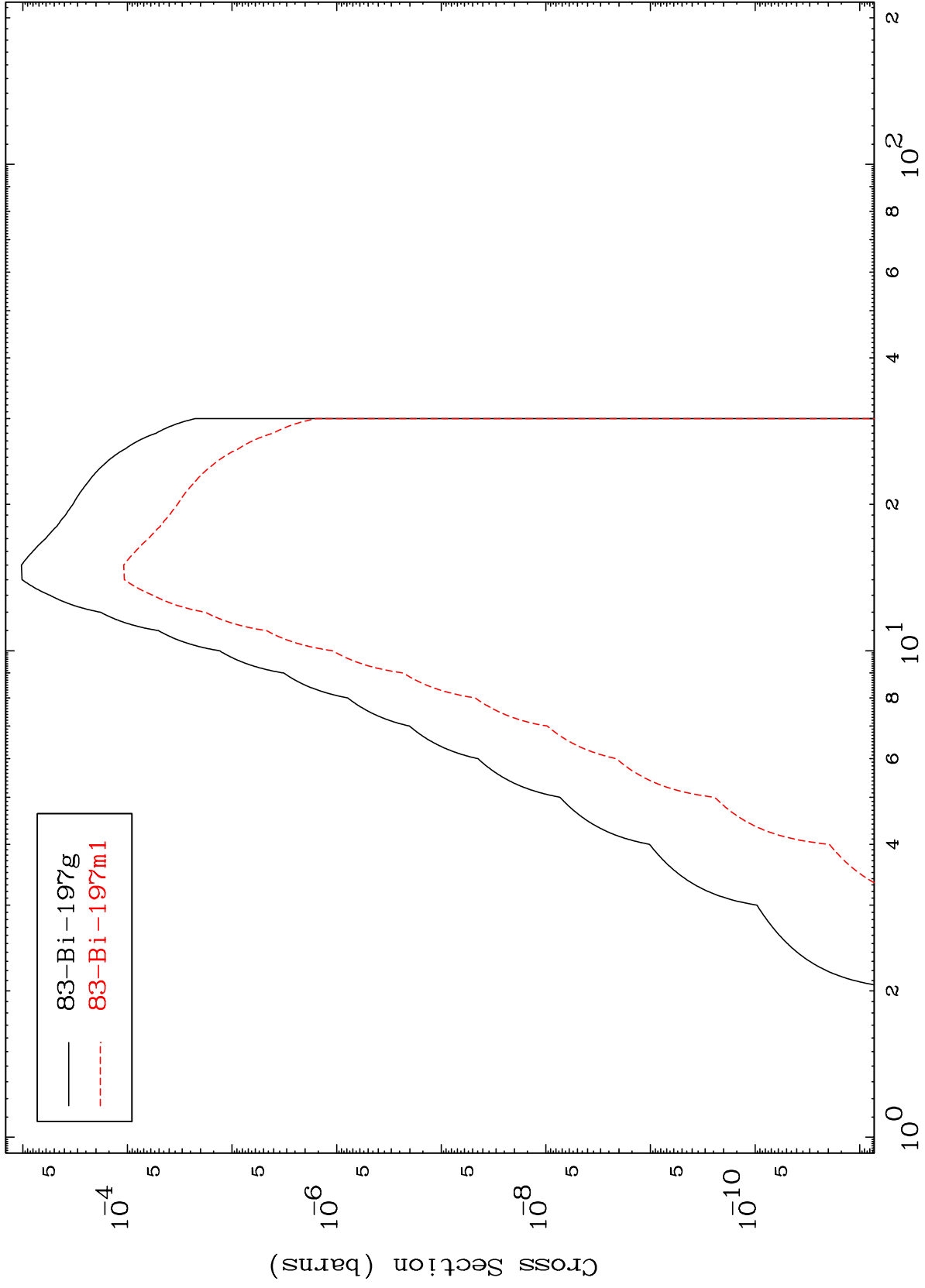
Incident Energy (MeV)

85-At-201

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85-At-201

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



21

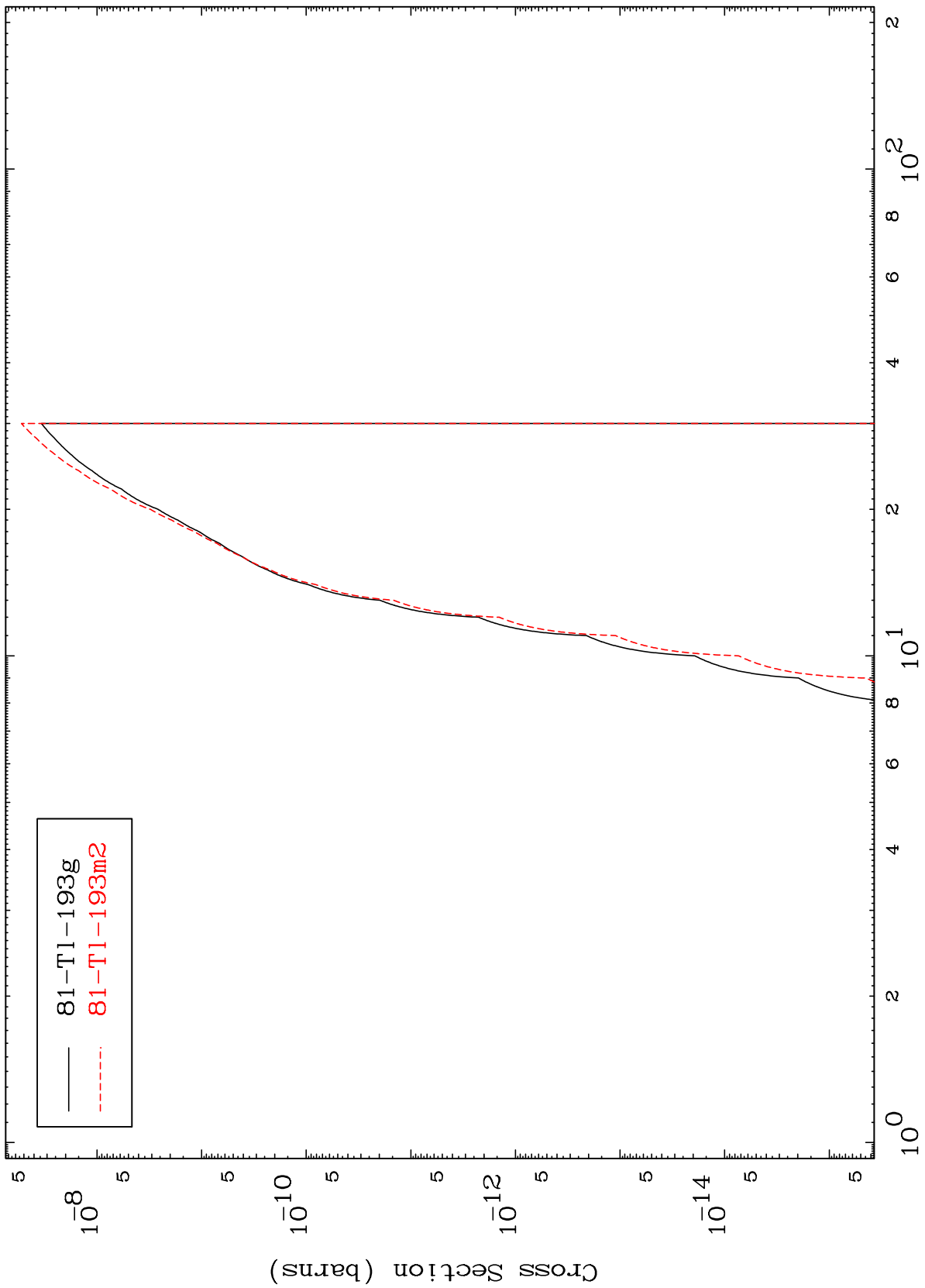
Incident Energy (MeV)

85-At-201

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85-At-201

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



22

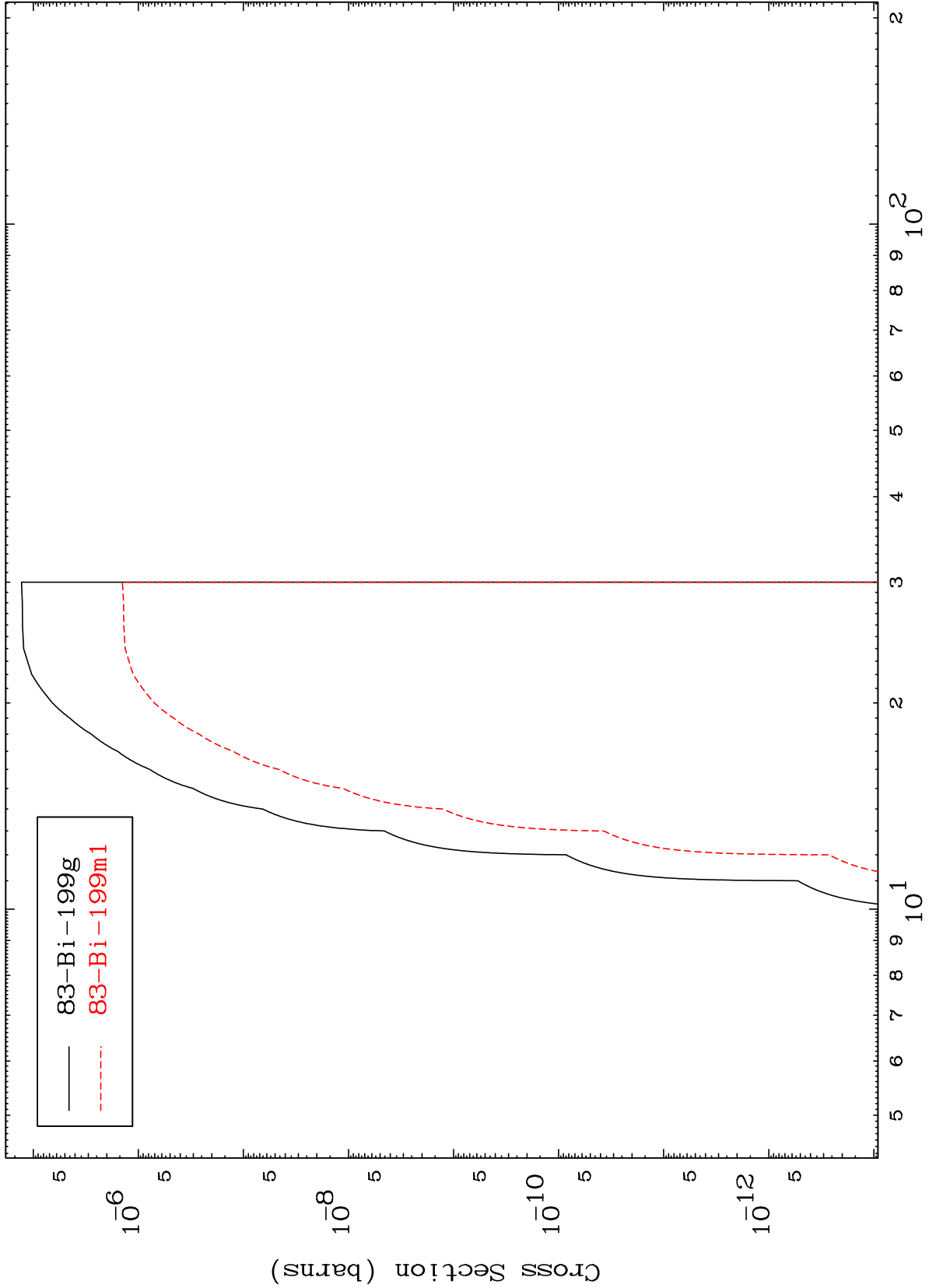
Incident Energy (MeV)

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85-At-201

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



23

Incident Energy (MeV)

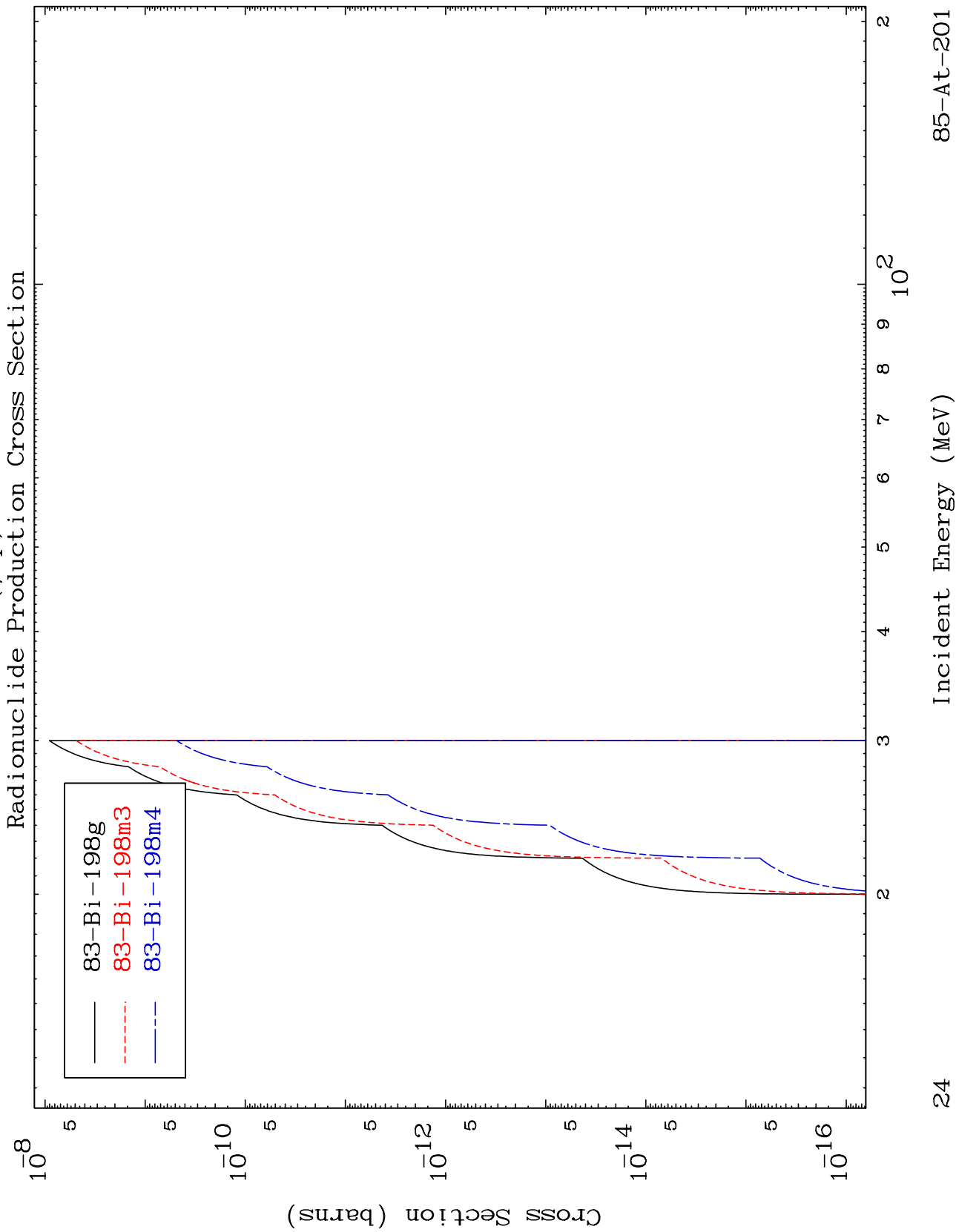
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( $\gamma, p$ ) d

85-At-201



24

85-At-201