

Program EVALPLOT  
(Version 2018-1)

by

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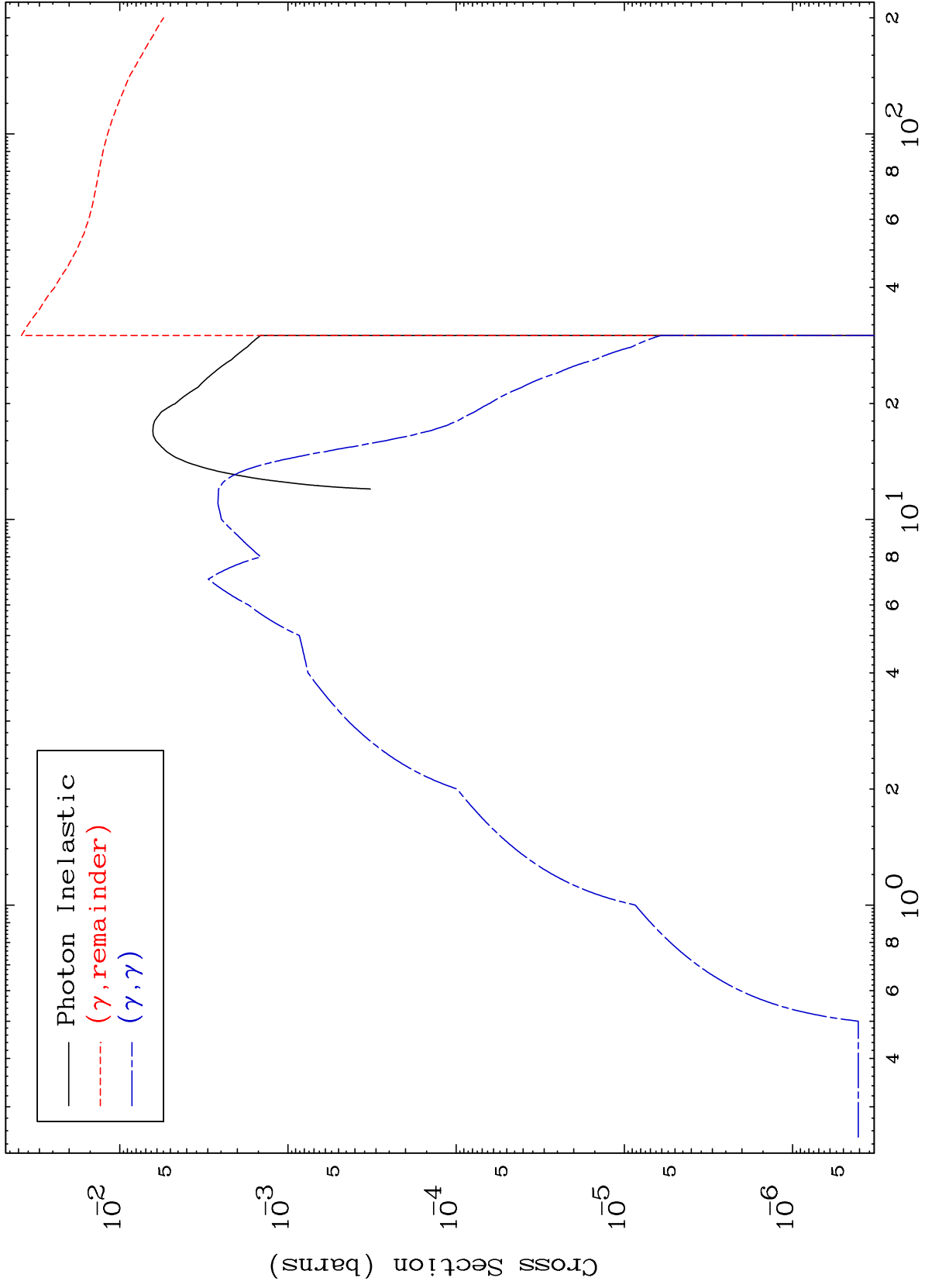
Web:redcullen1.net/HOMEPAGE.NEW

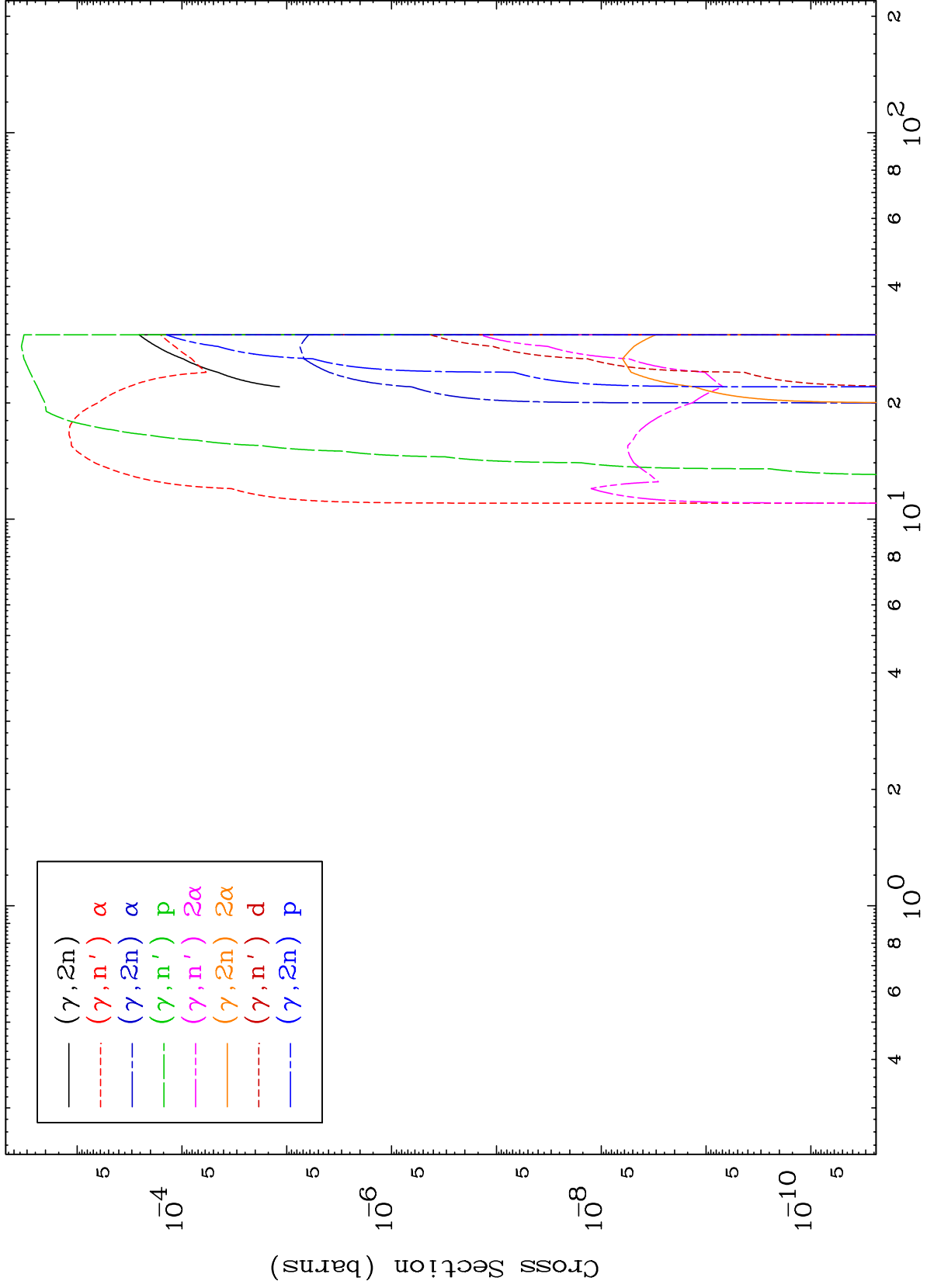
Press Mouse Button to Start

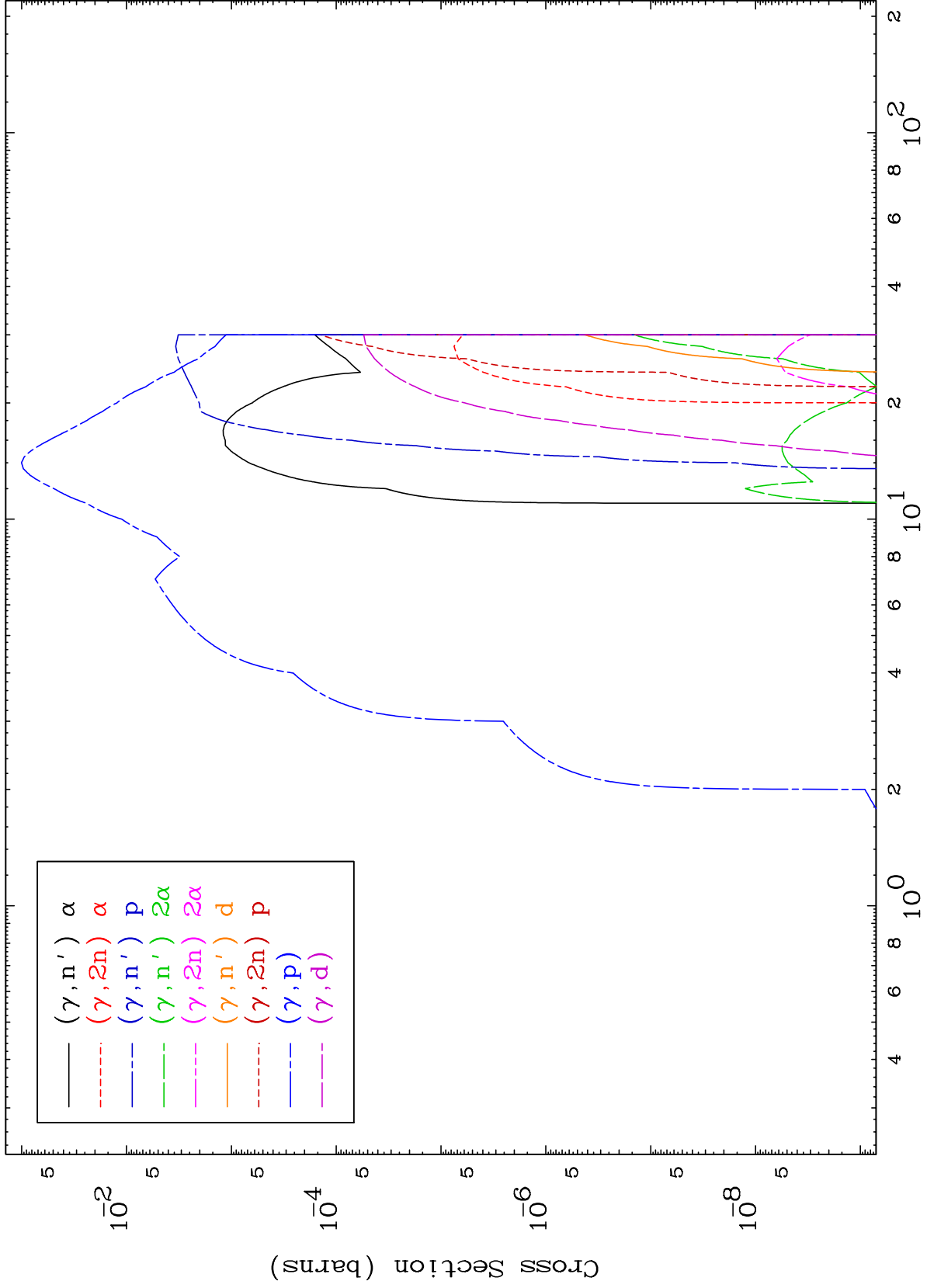
MAT 8059

Photon Major  
0 Kelvin Cross Sections

81-Tl-181



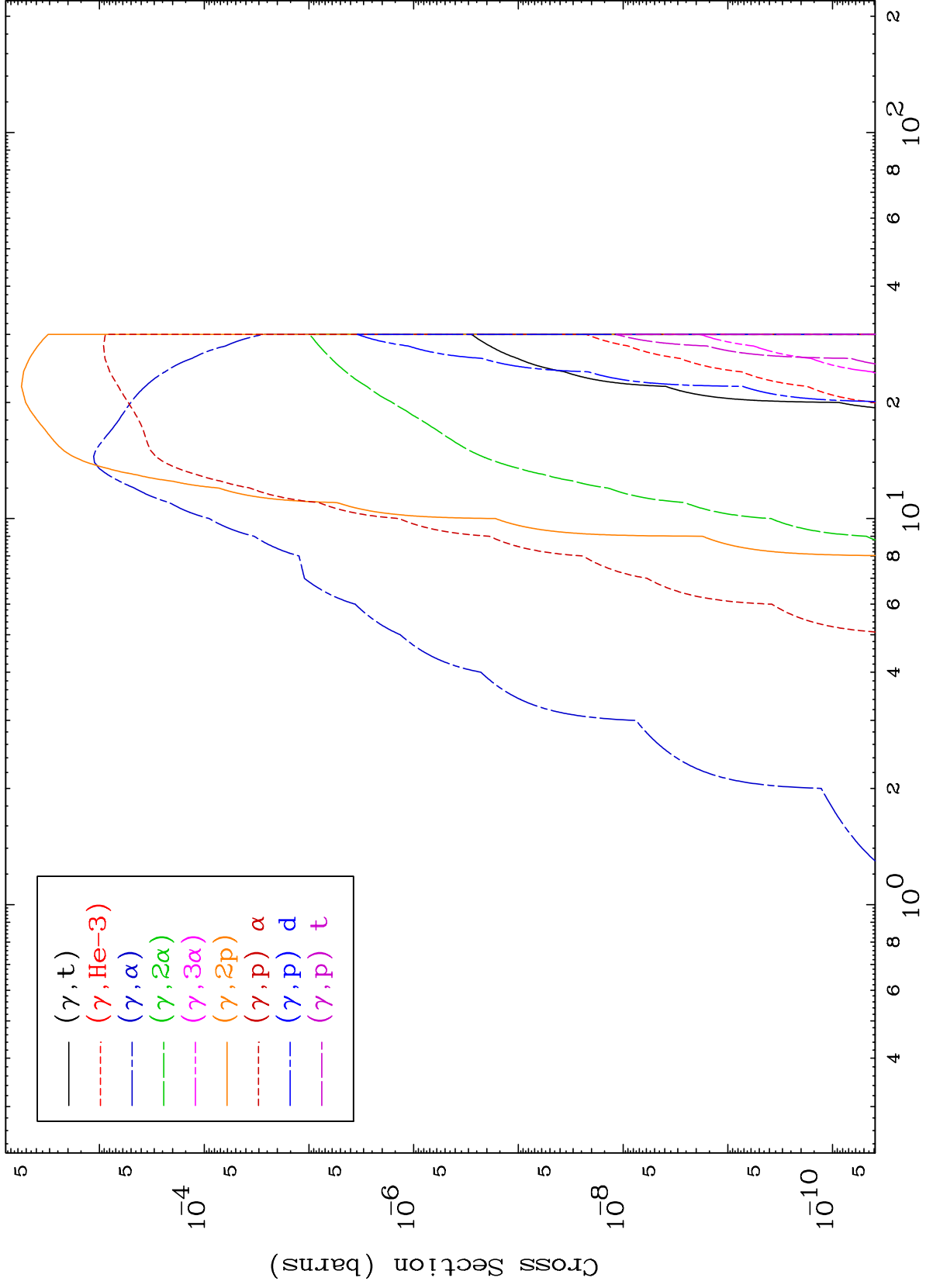




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Photon Charged Particle  
0 Kelvin Cross Sections

81-Tl-181

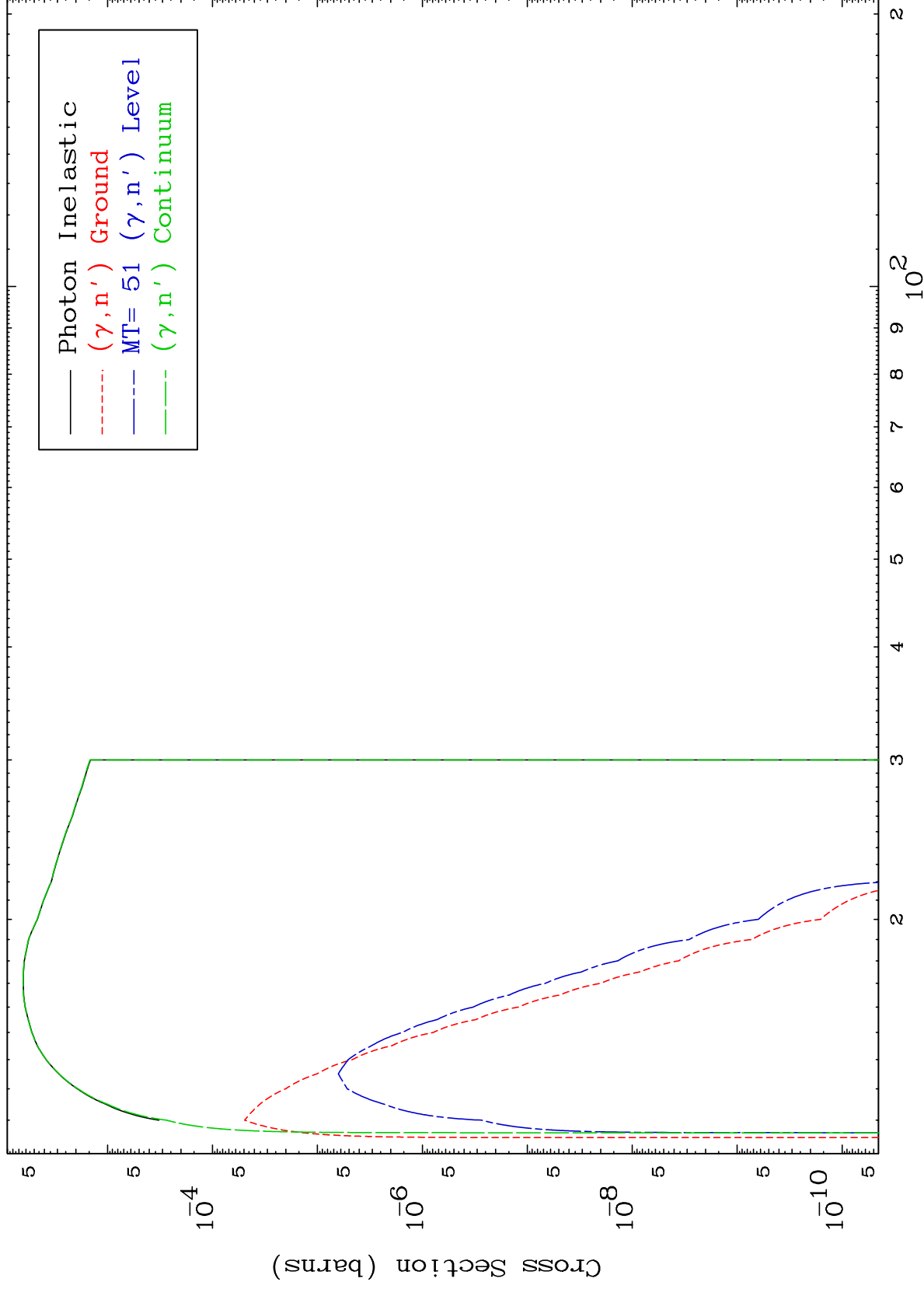


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$(\gamma, n')$  Level

81-Tl-181

0 Kelvin Cross Sections



Incident Energy (MeV)

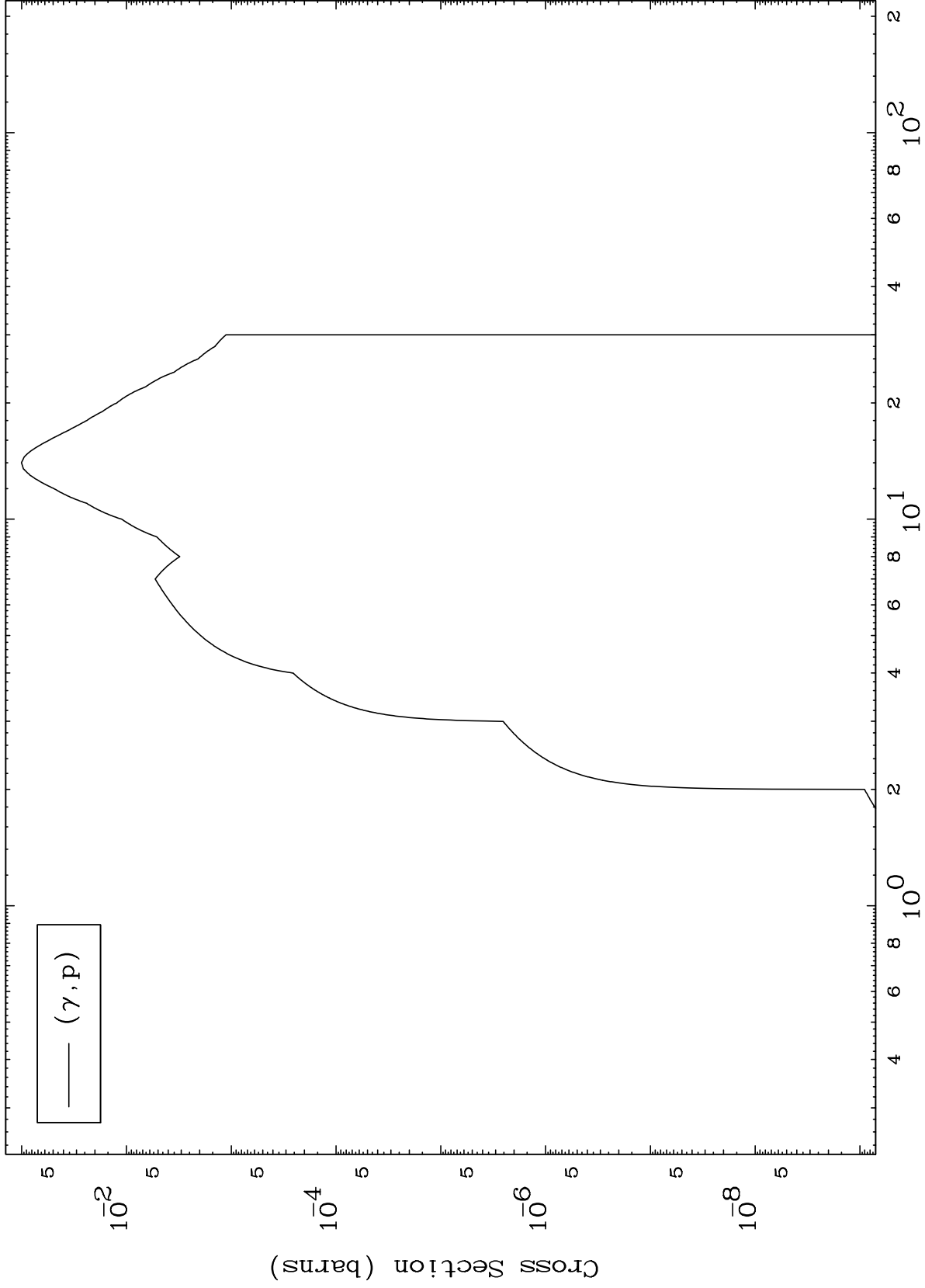
81-Tl-181

5

MAT 8059

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

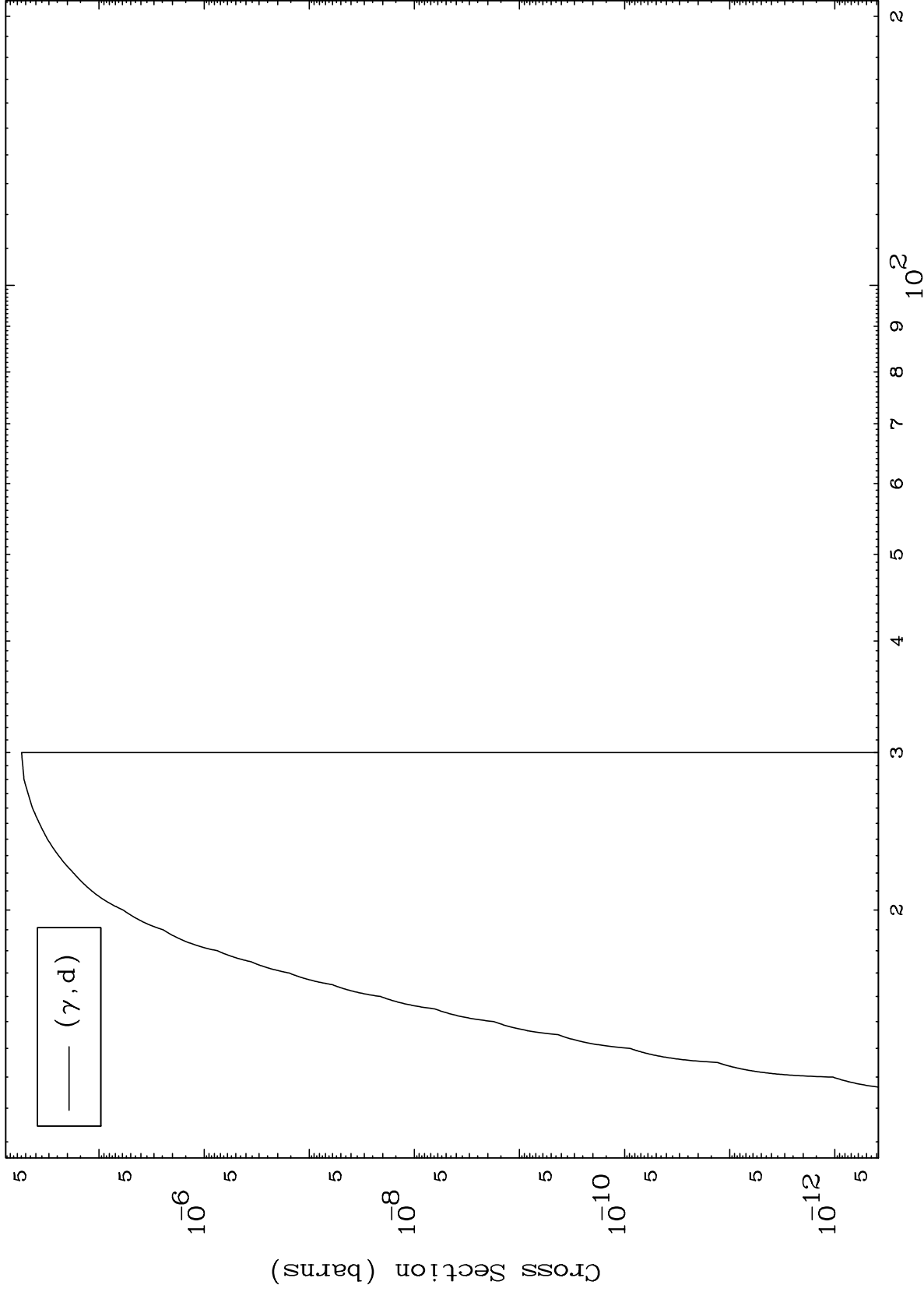
81-Tl-181



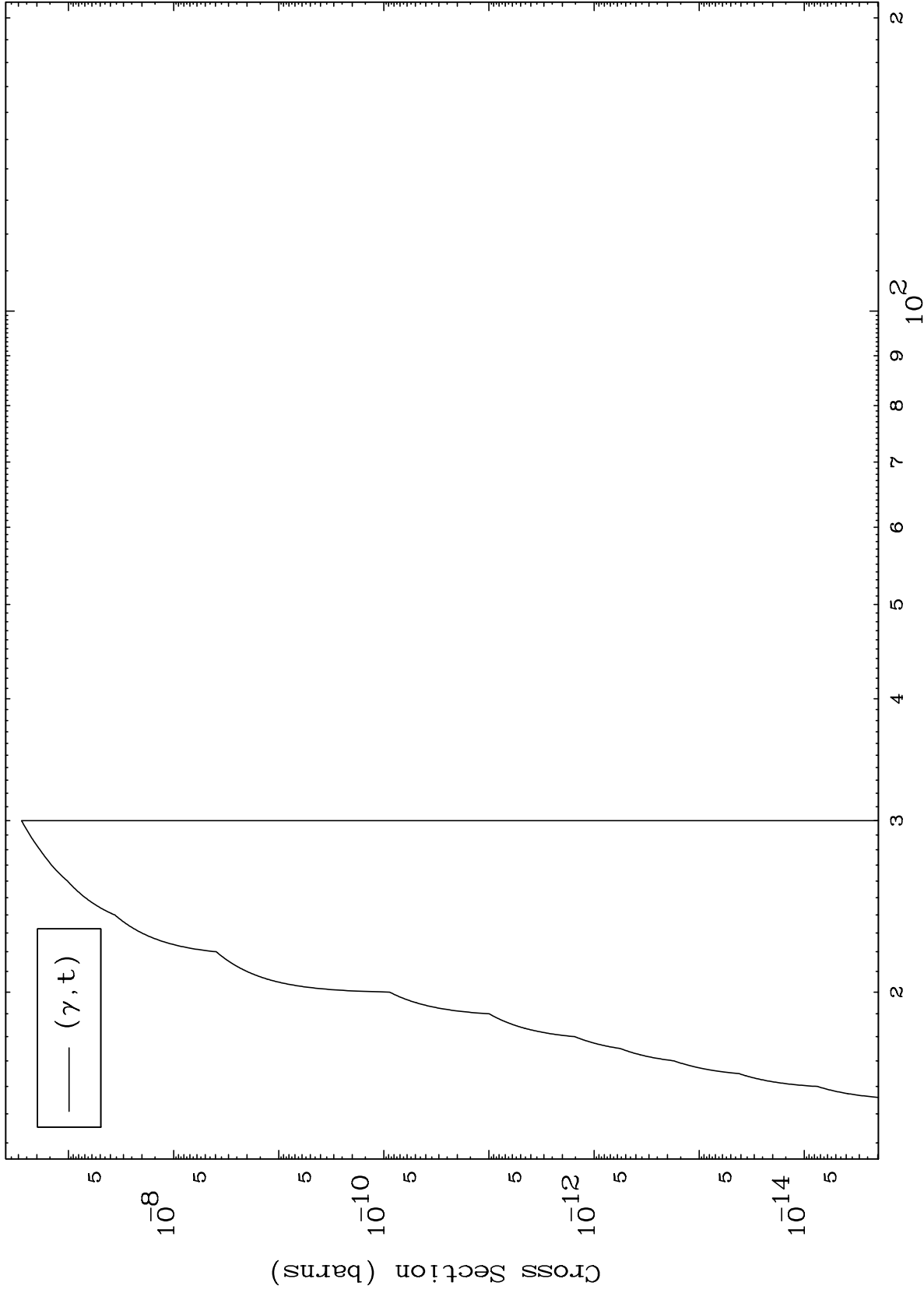
6

Incident Energy (MeV)

81-Tl-181



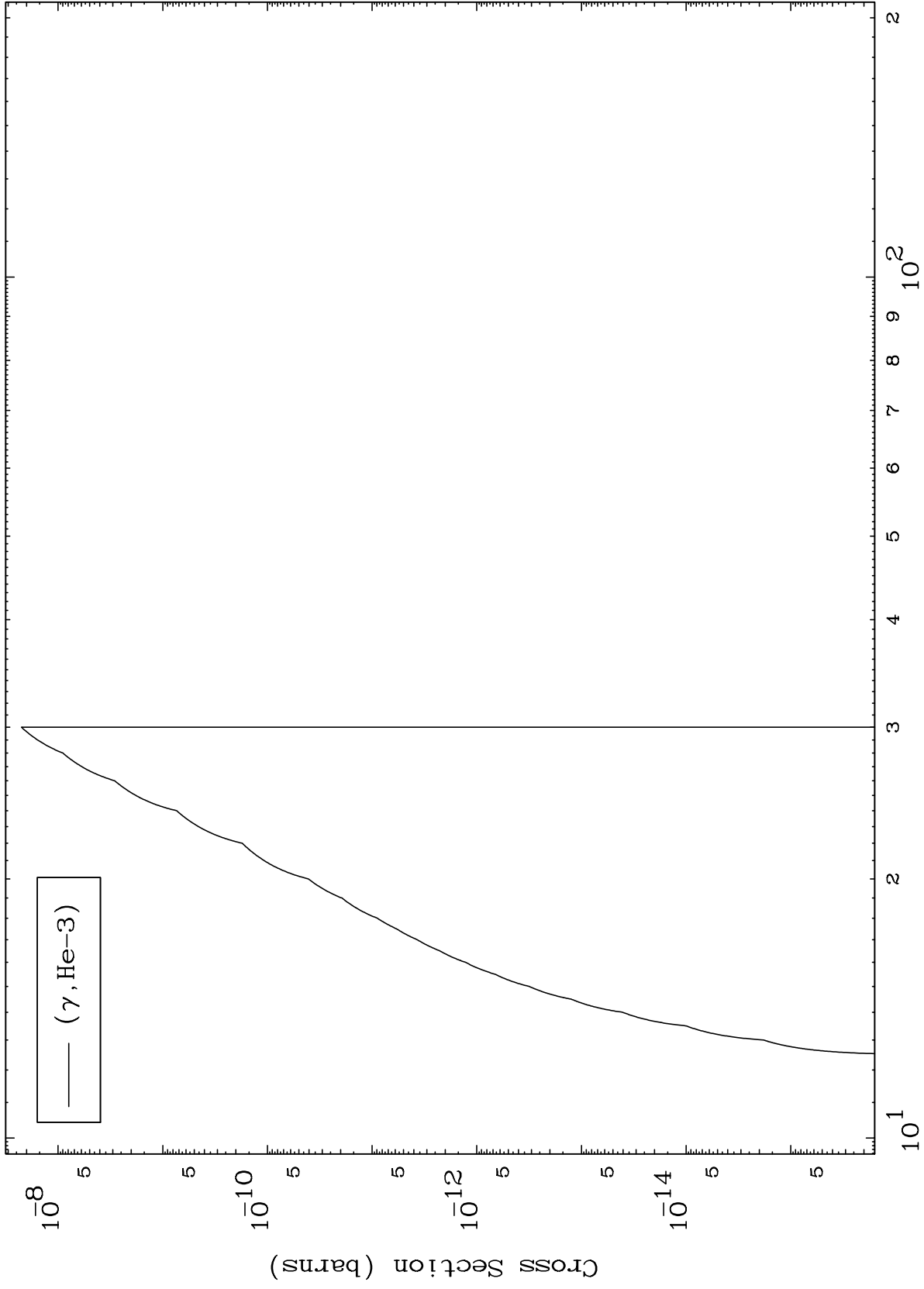




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( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

81-Tl-181



Incident Energy (MeV)

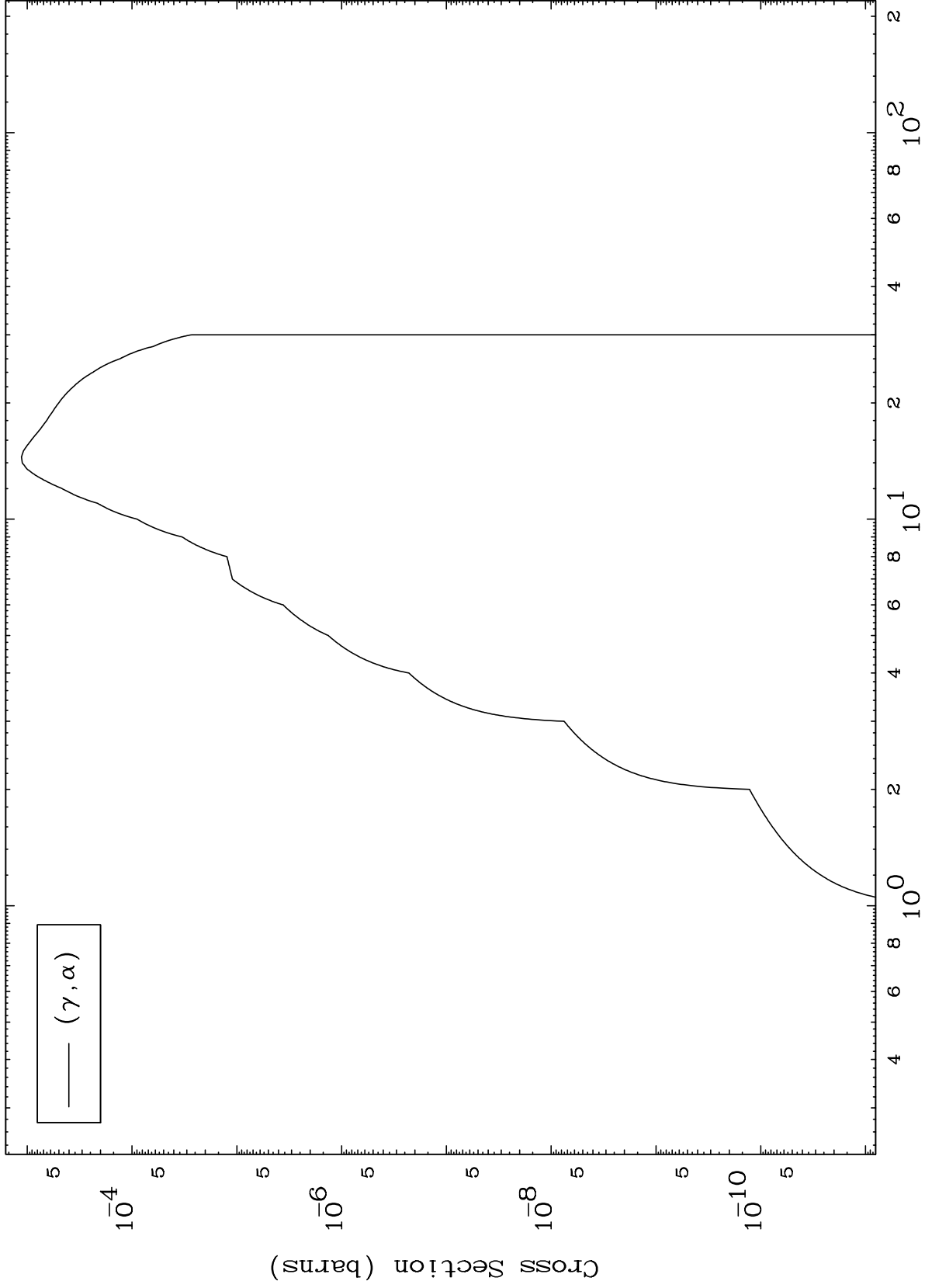
81-Tl-181

MAT 8059

( $\gamma, \alpha$ ) Levels

81-Tl-181

0 Kelvin Cross Sections



10

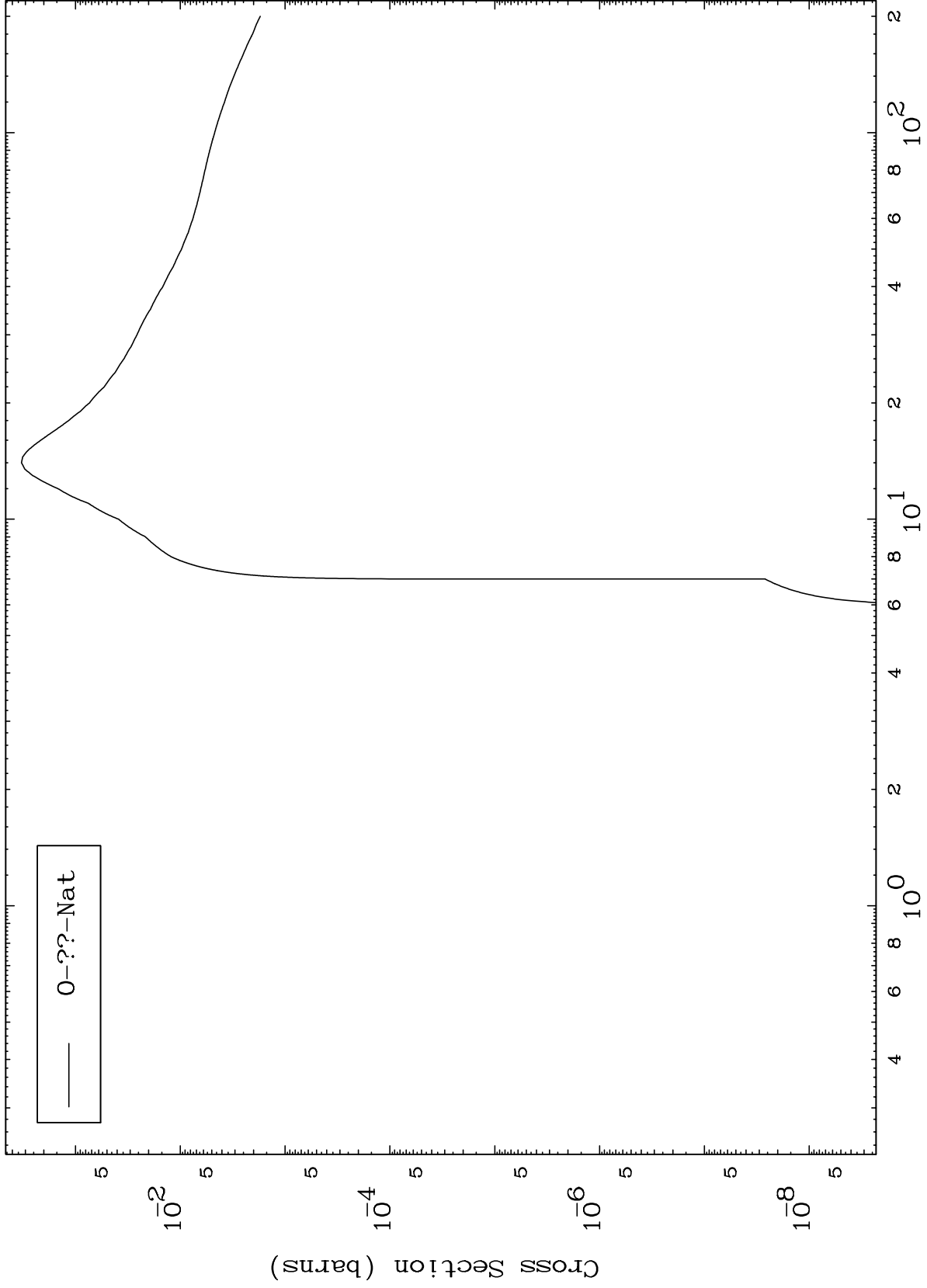
Incident Energy (MeV)

81-Tl-181

MAT 8059

81-Tl-181

Photon Fission  
Radionuclide Production Cross Section

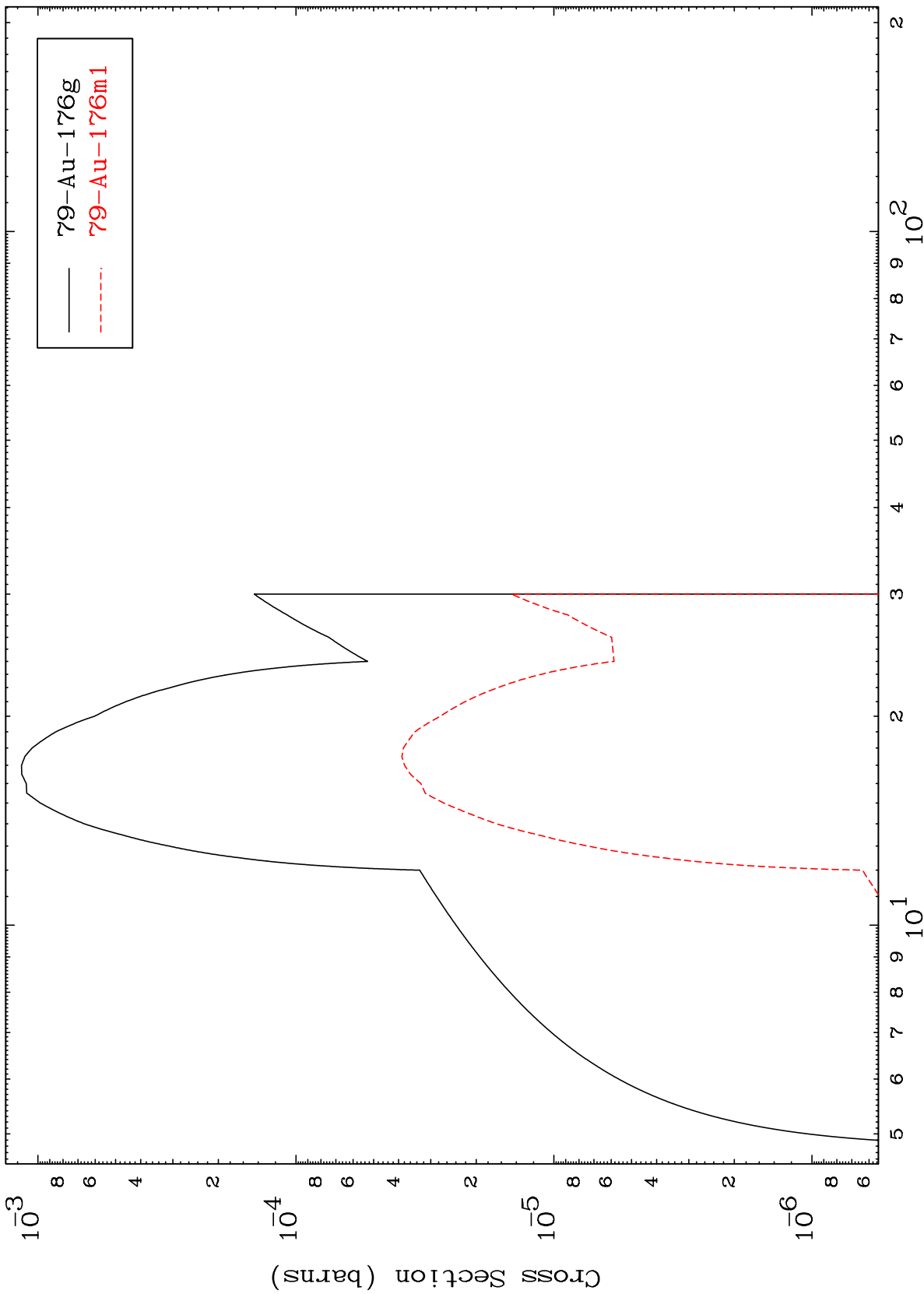


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$(\gamma, n')$   $\alpha$

81-Tl-181

Radionuclide Production Cross Section



—  $^{79}\text{Au-176g}$   
- - -  $^{79}\text{Au-176m1}$

12

Incident Energy (MeV)

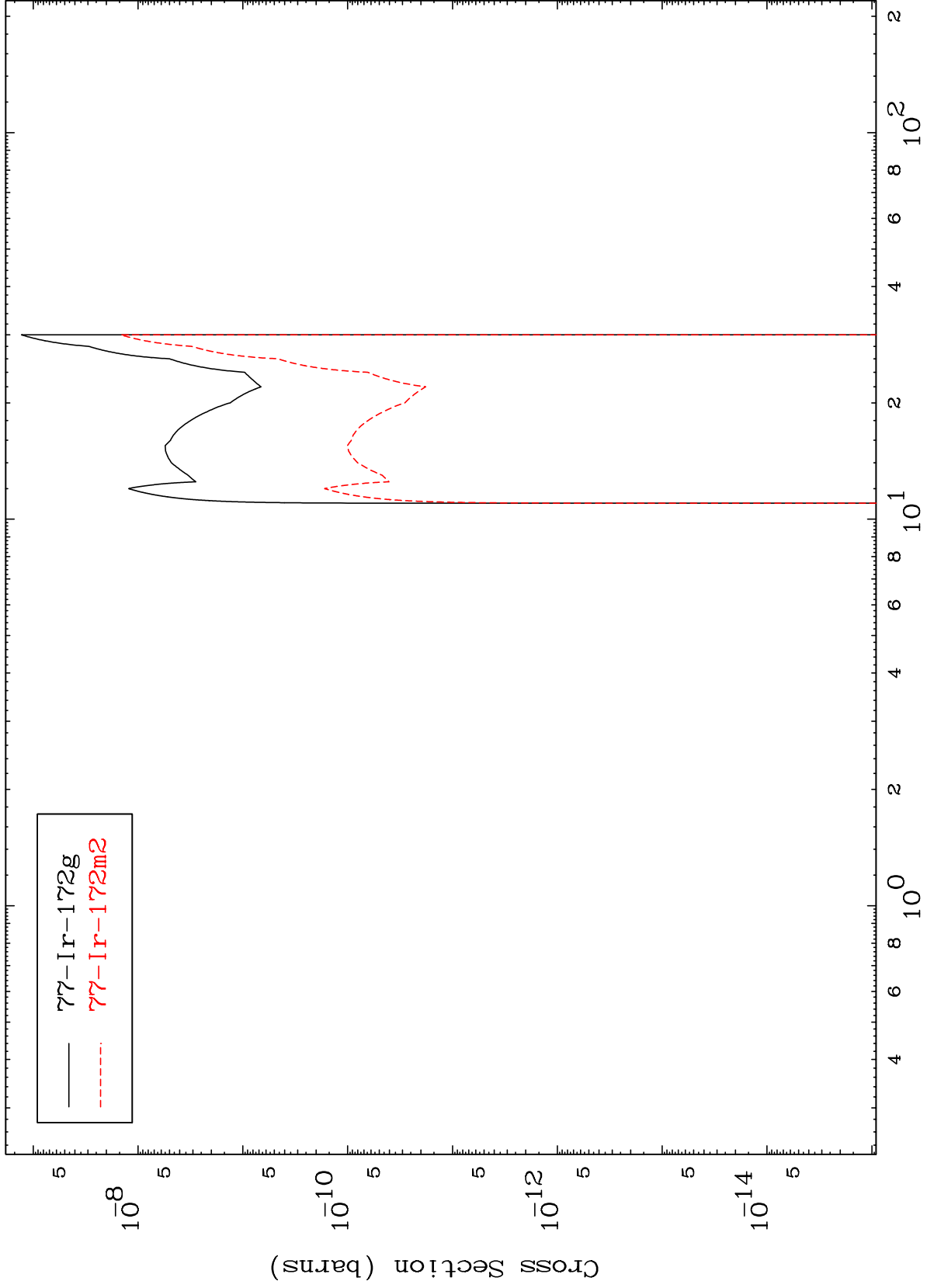
81-Tl-181

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

81-Tl-181

Radionuclide Production Cross Section



13

Incident Energy (MeV)

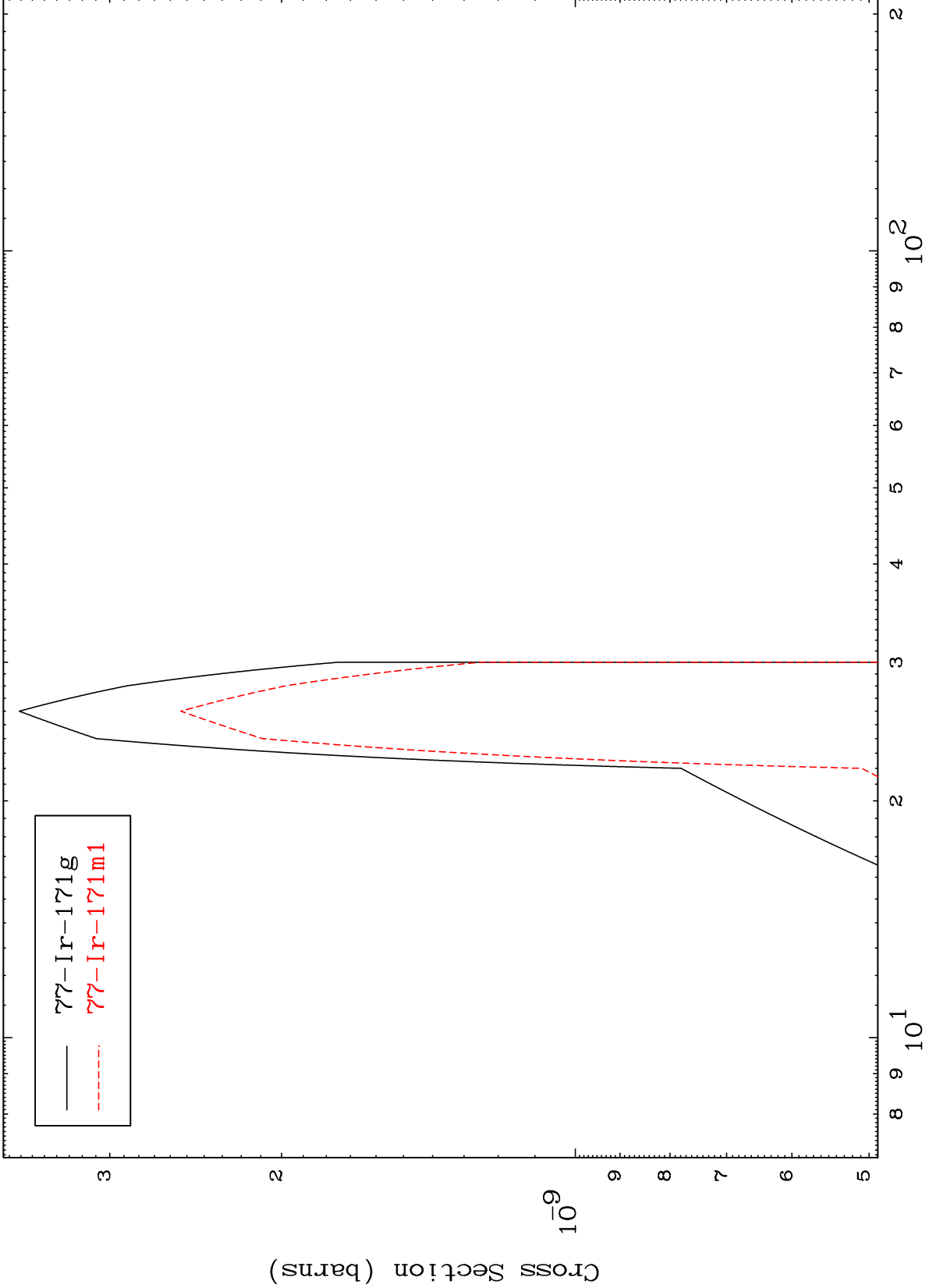
81-Tl-181

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

81-Tl-181

Radionuclide Production Cross Section



—  $^{77}\text{Ir-171g}$   
- - -  $^{77}\text{Ir-171m1}$

14

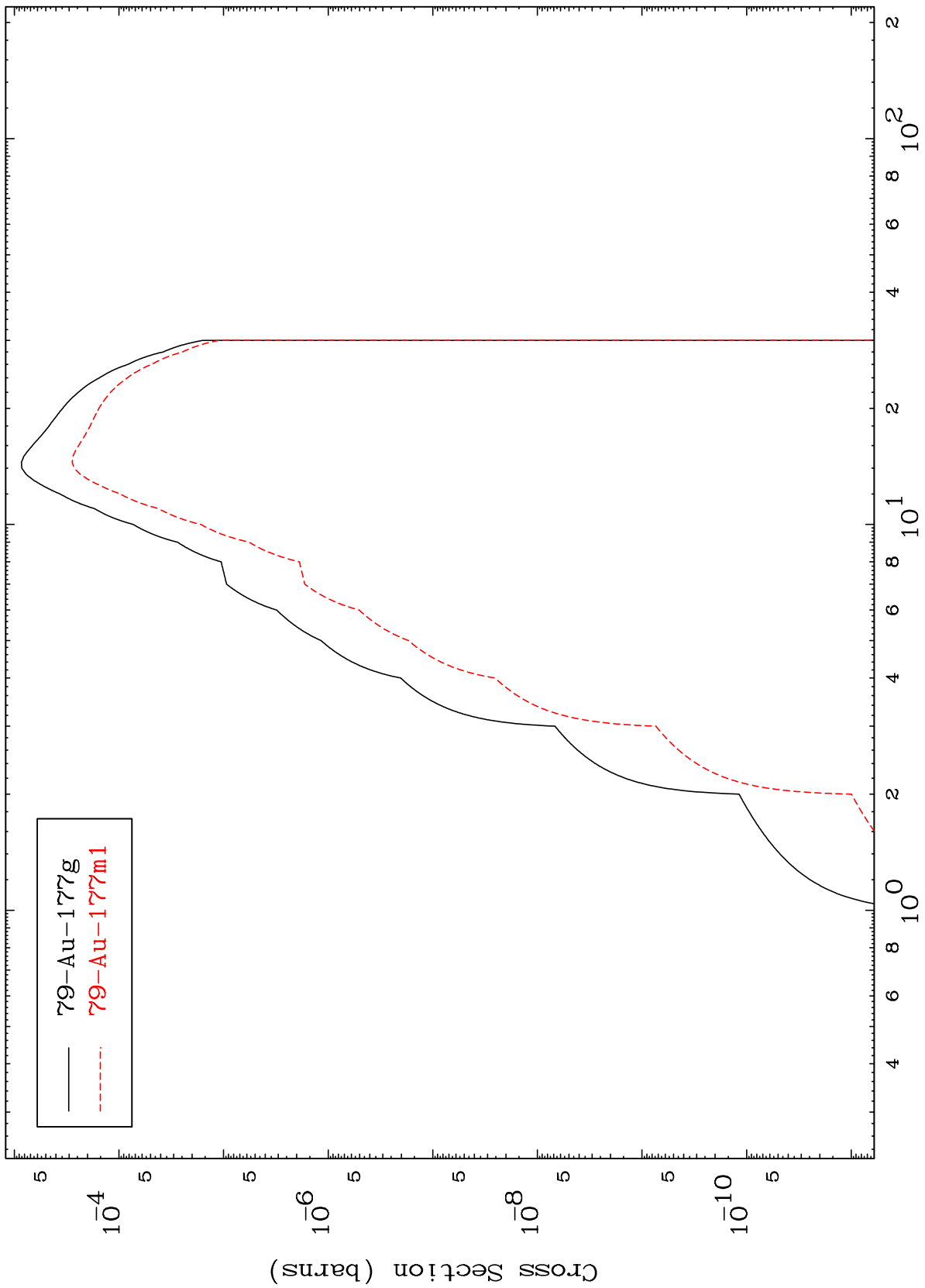
Incident Energy (MeV)

81-Tl-181

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81-Tl-181

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



—  $^{79}\text{Au-177g}$   
- - -  $^{79}\text{Au-177m1}$

15

81-Tl-181

Incident Energy (MeV)

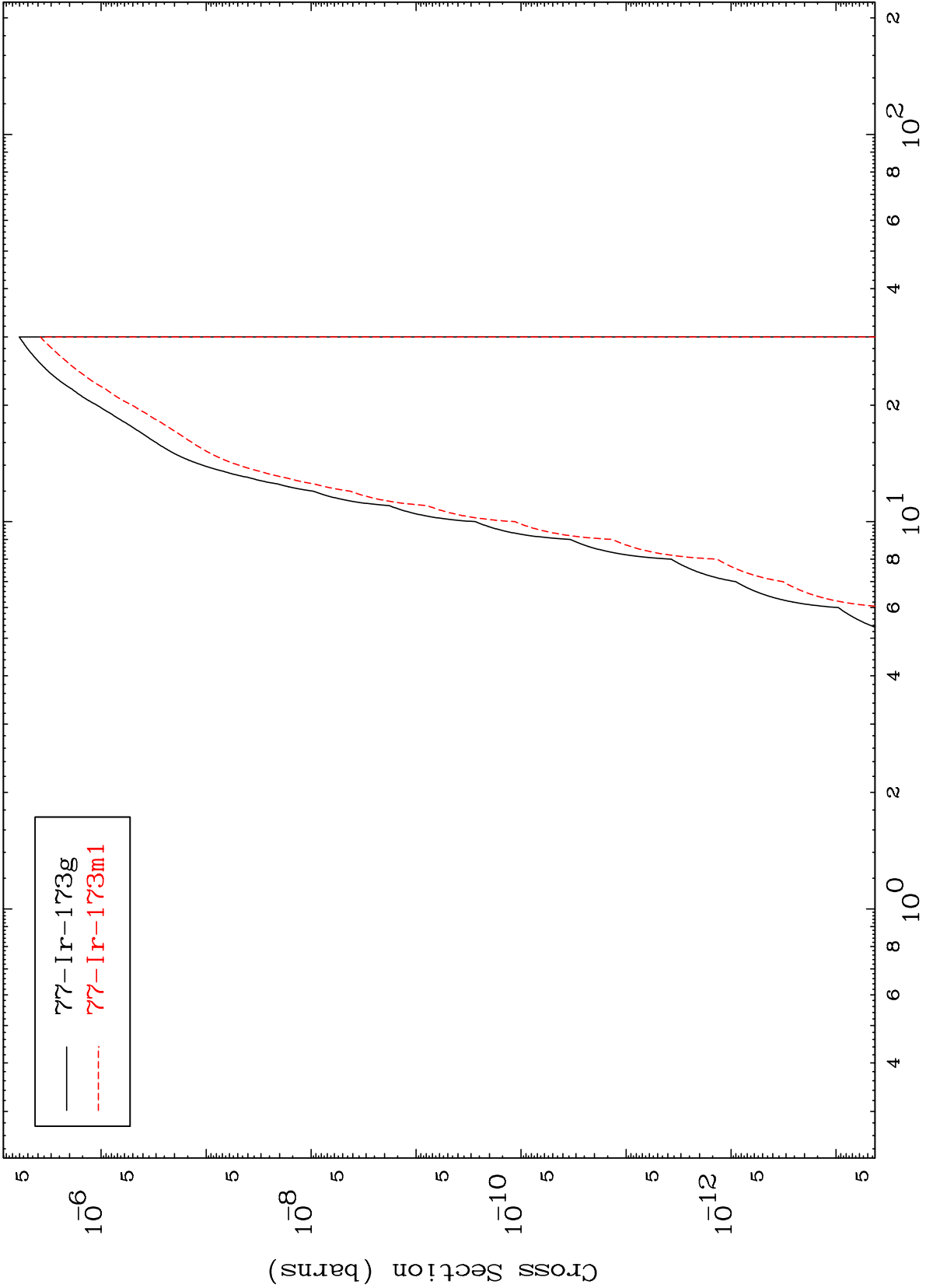


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( $\gamma, 2\alpha$ )

81-Tl-181

Radionuclide Production Cross Section



16

Incident Energy (MeV)

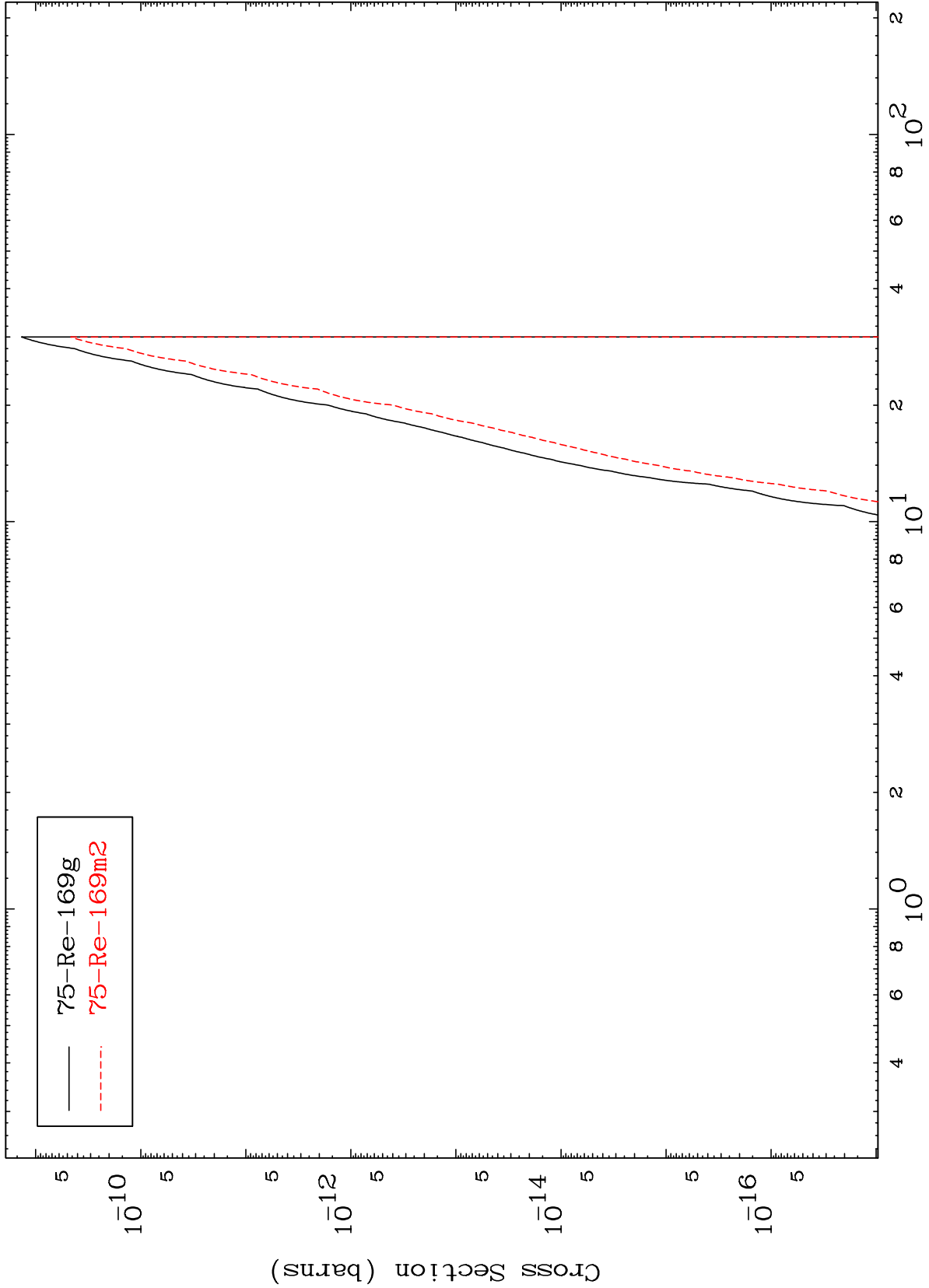
81-Tl-181

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( $\gamma, 3\alpha$ )

81-Tl-181

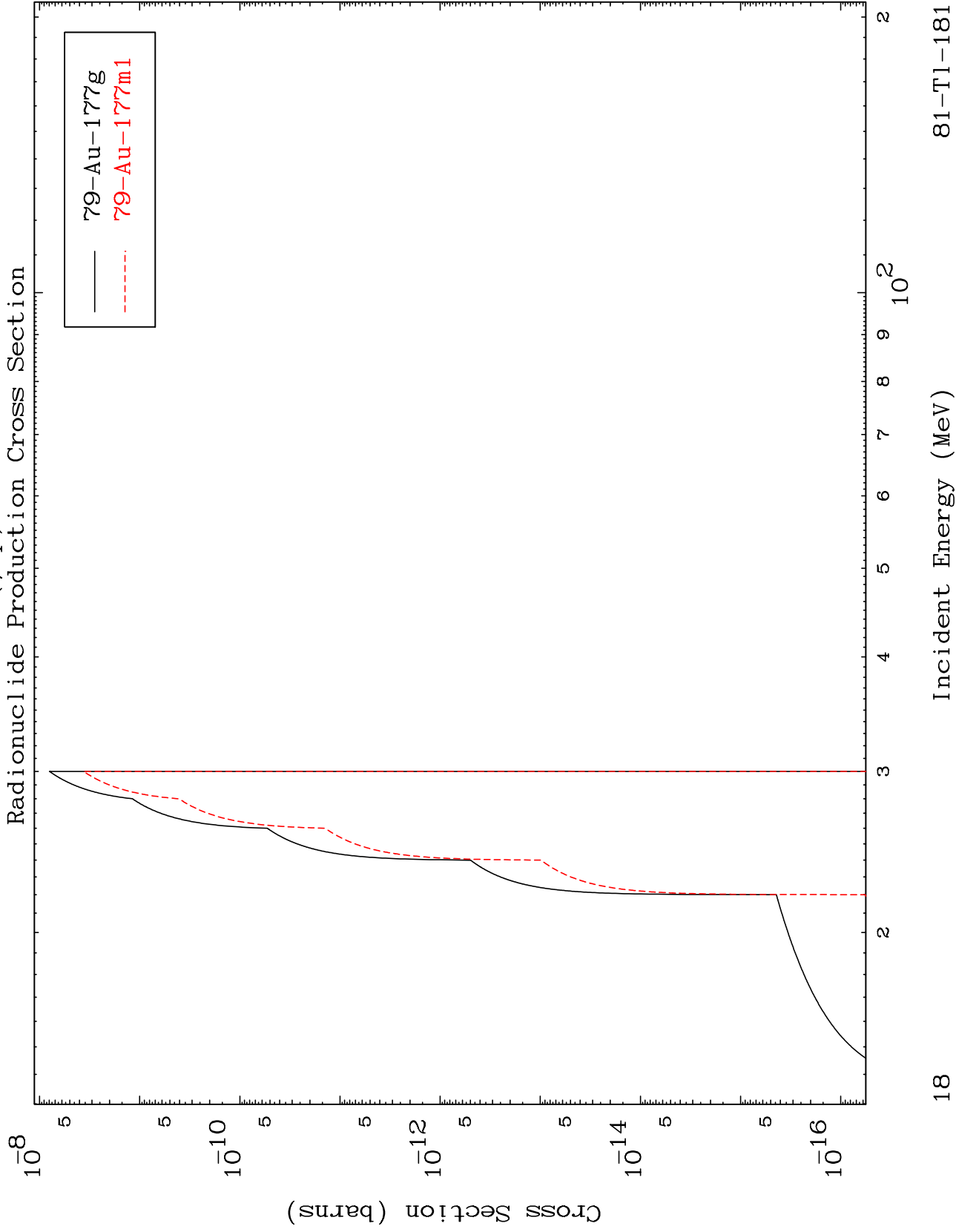
Radionuclide Production Cross Section



MAT 8059

( $\gamma, p$ ) t

81-Tl-181



18

Incident Energy (MeV)

81-Tl-181