

Program EVALPLOT  
(Version 2017-1)

by

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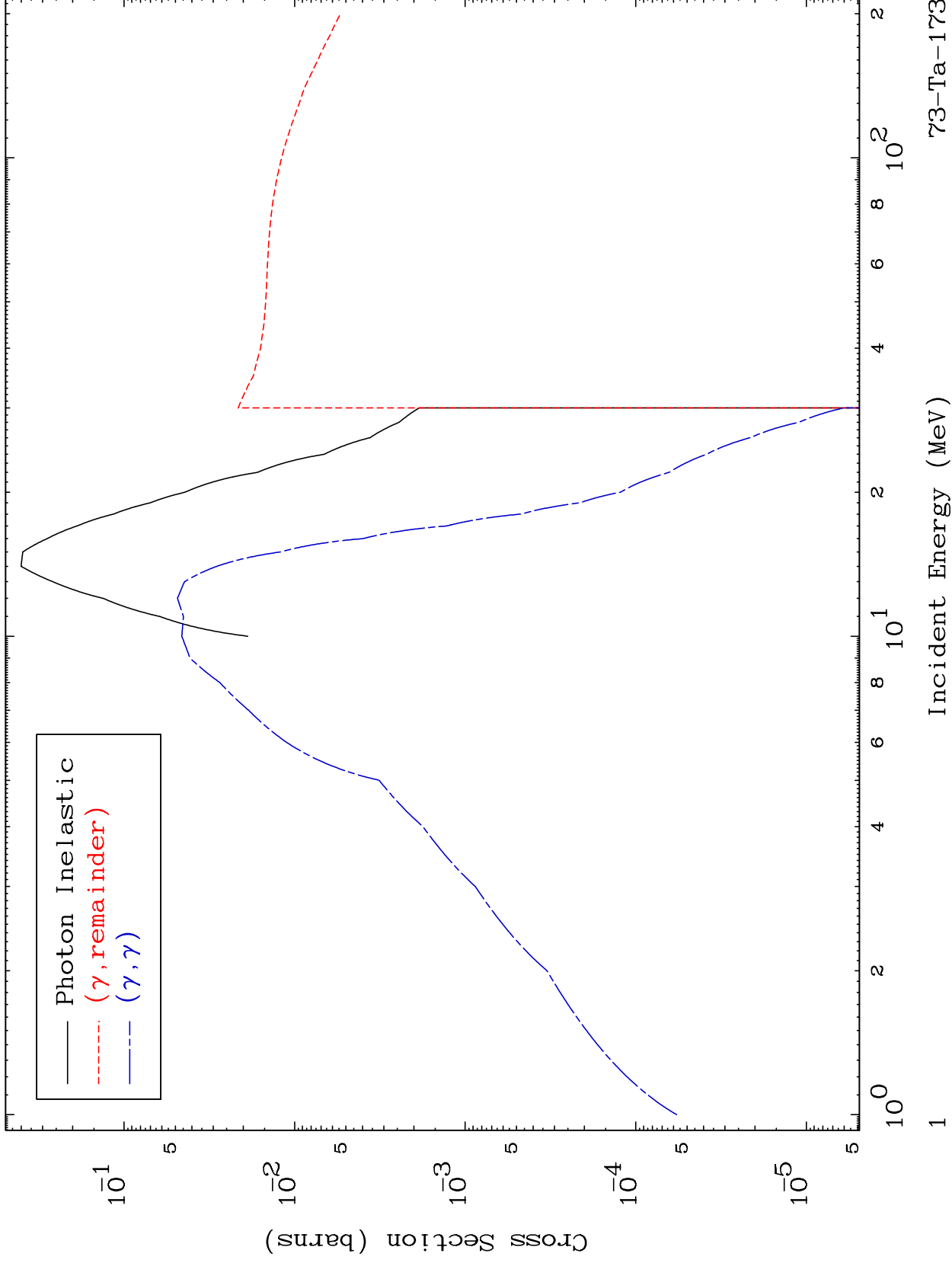
Press Mouse Button to Start

MAT 7304

Photon Major

73-Ta-173

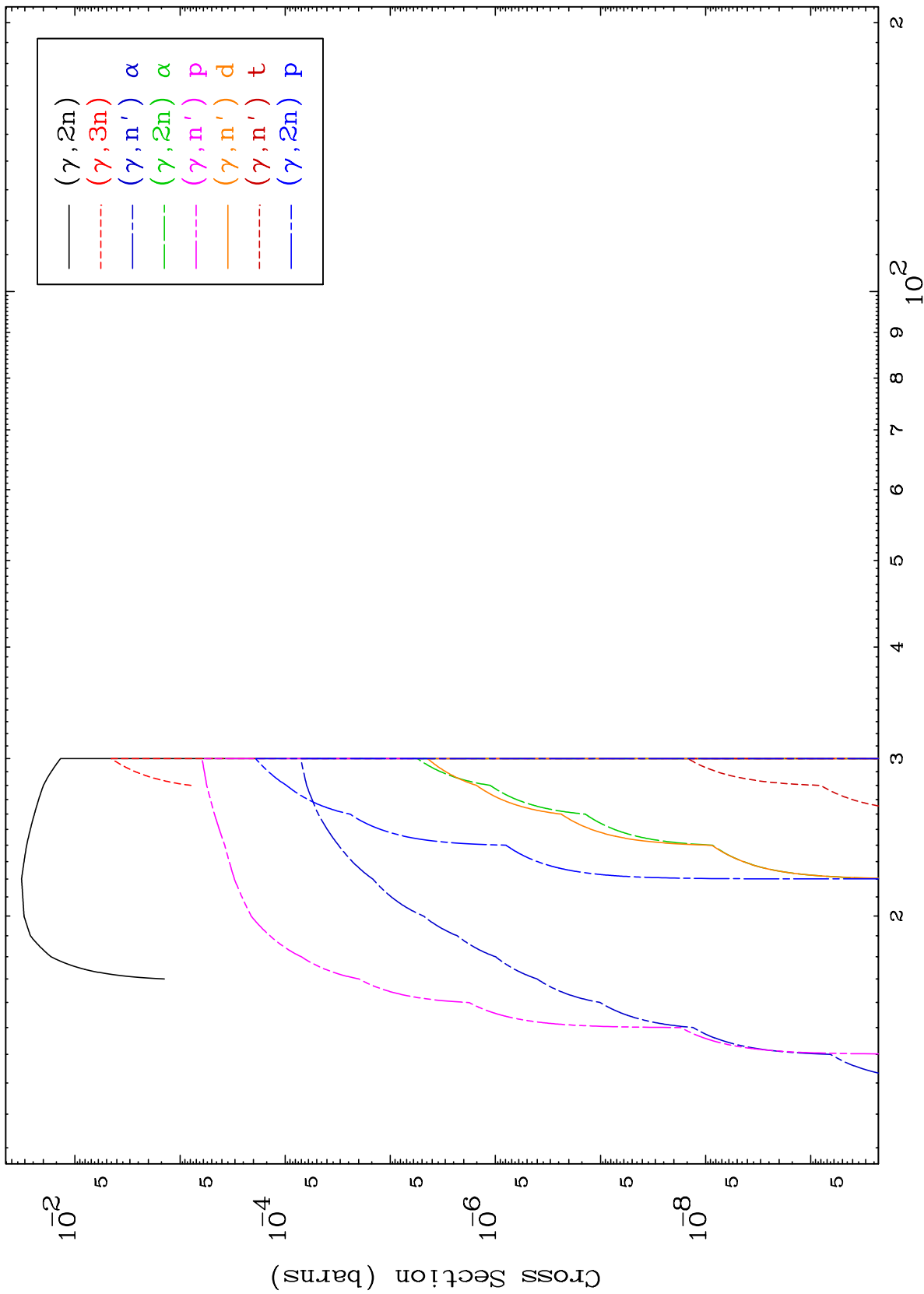
0 Kelvin Cross Sections



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

73-Ta-173

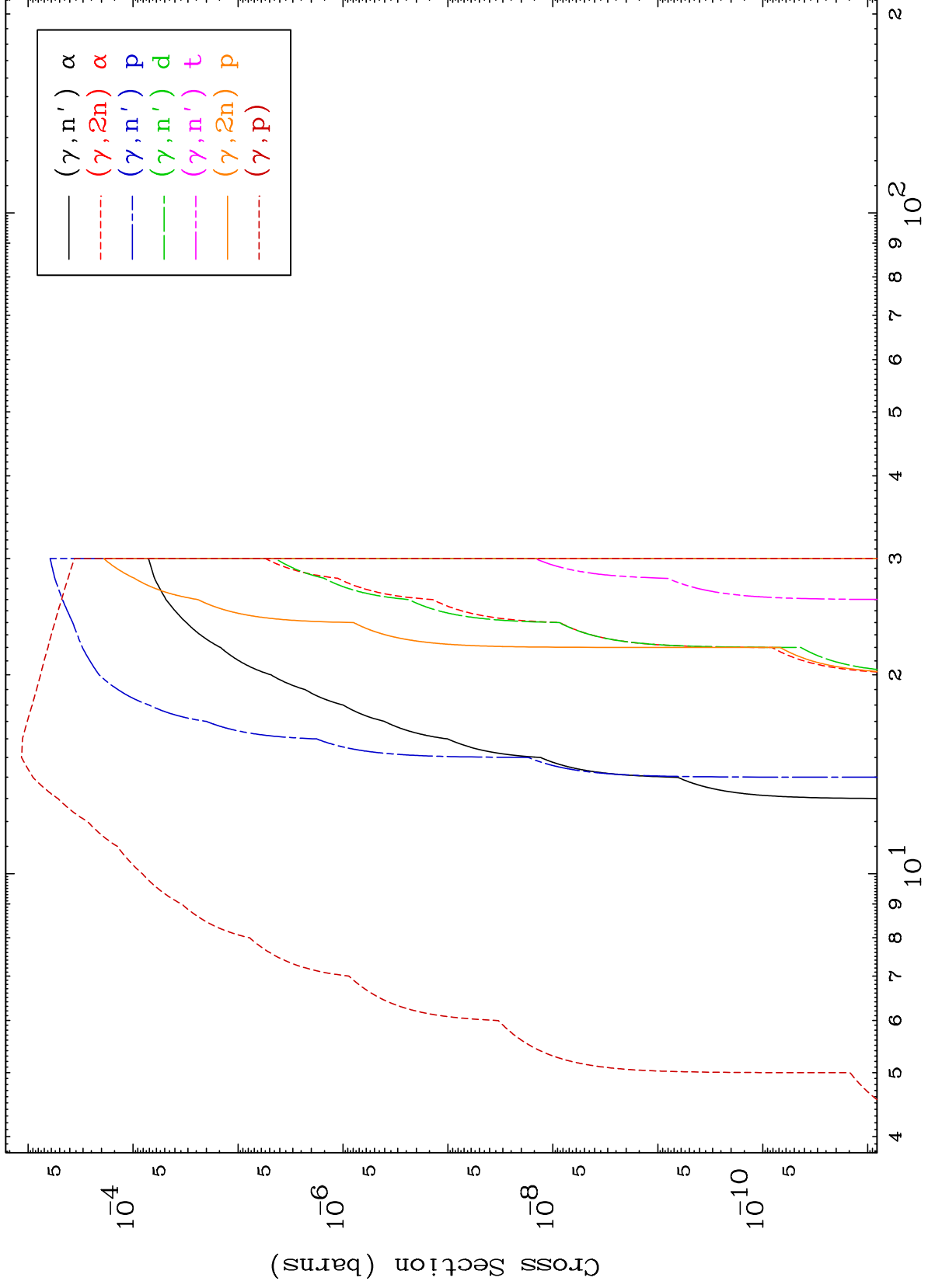
Incident Energy (MeV)



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Photon Charged Particle  
0 Kelvin Cross Sections

73-Ta-173



3

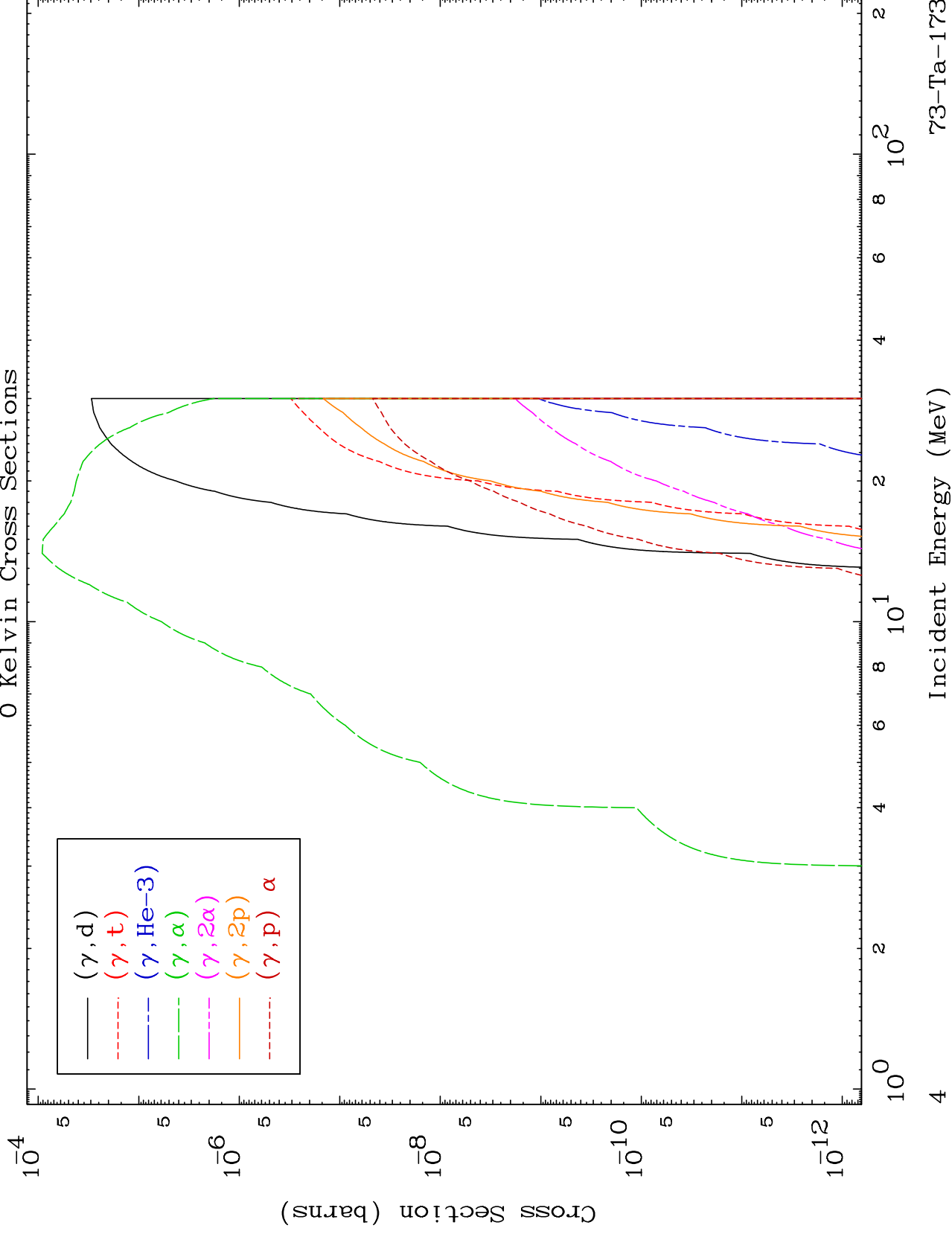
Incident Energy (MeV)

73-Ta-173

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Photon Charged Particle  
0 Kelvin Cross Sections

73-Ta-173



73-Ta-173

Incident Energy (MeV)

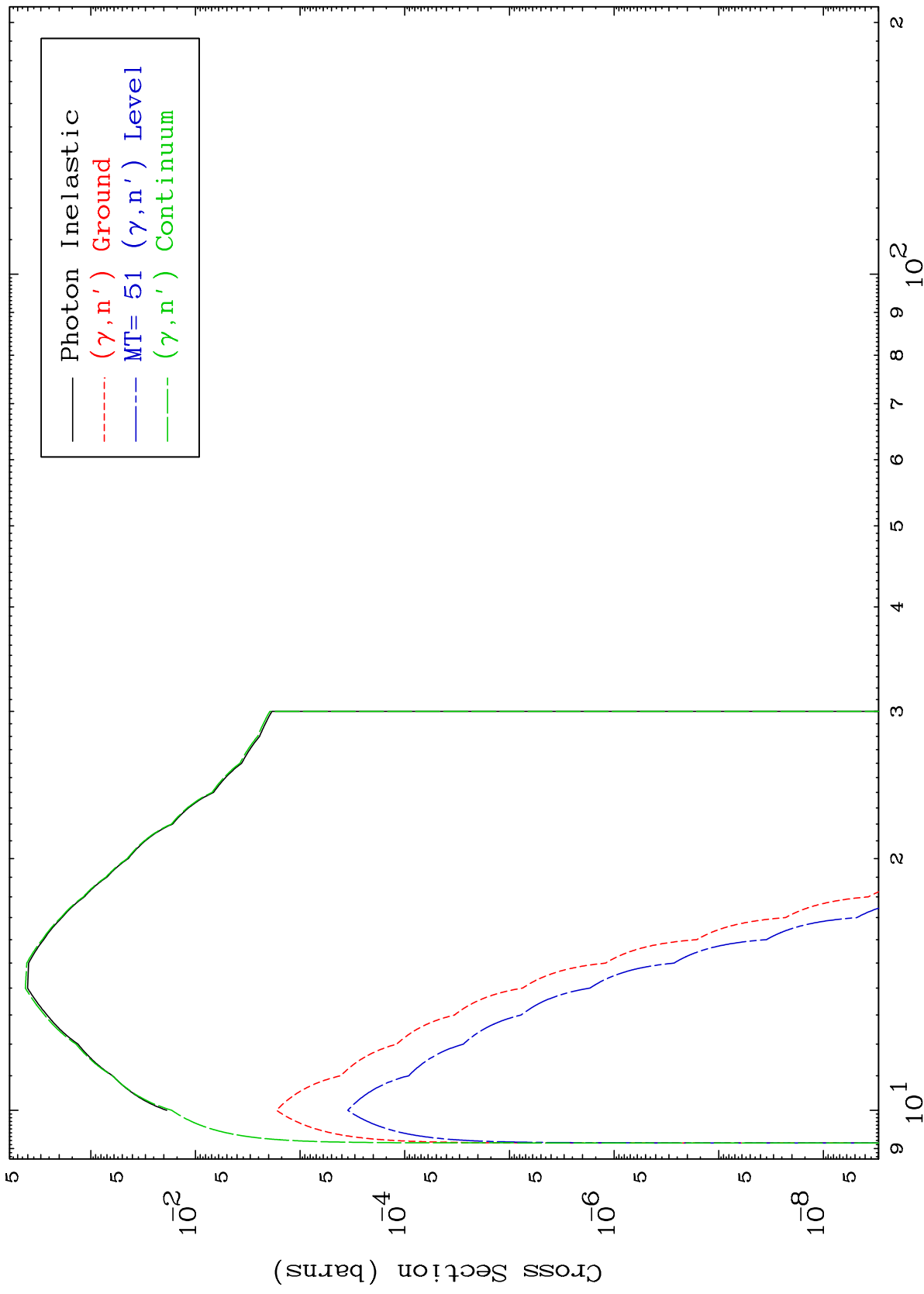
4

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$(\gamma, n')$  Level

73-Ta-173

0 Kelvin Cross Sections



Incident Energy (MeV)

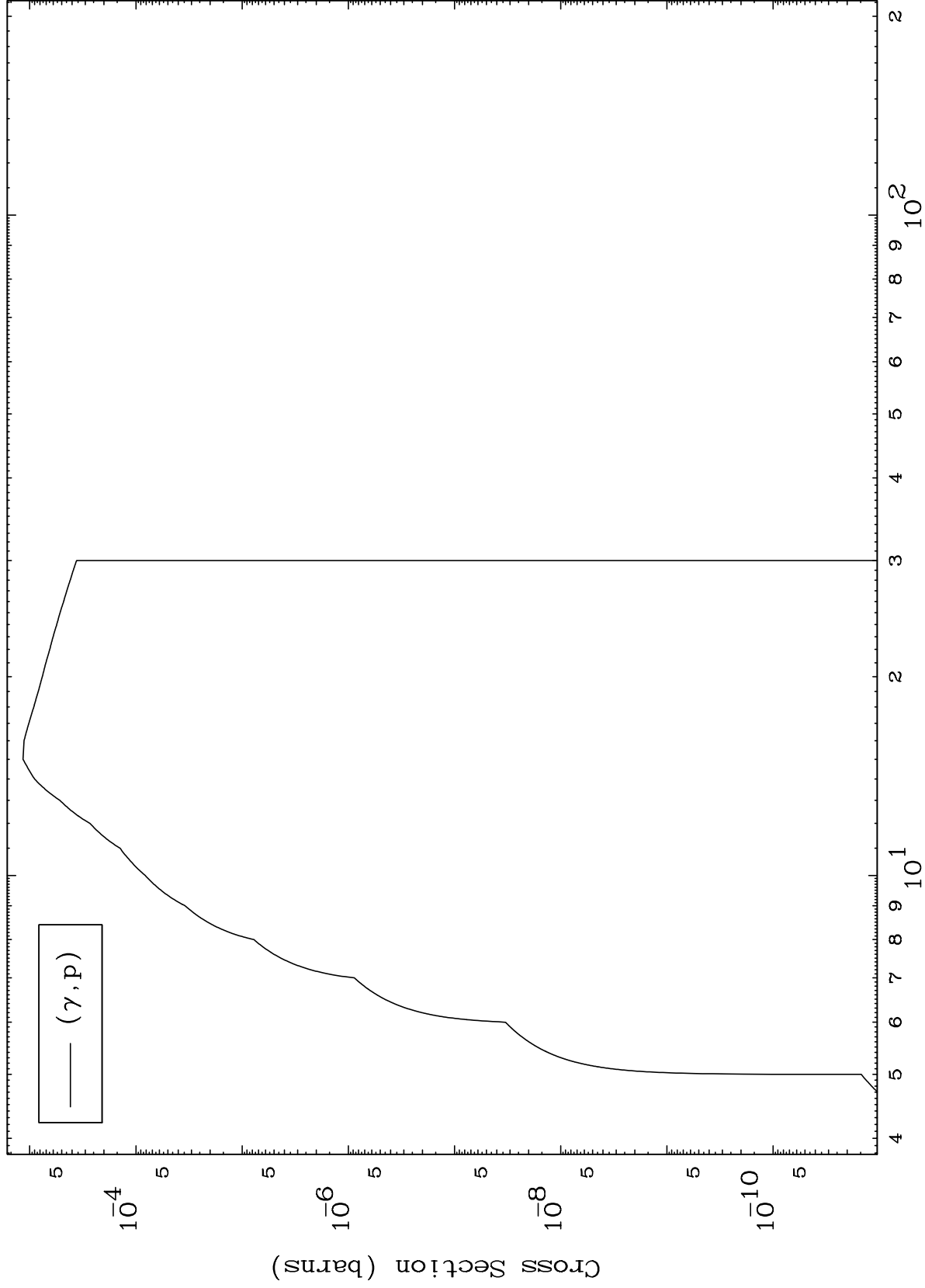
73-Ta-173

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( $\gamma, p$ ) Levels

$^{73}\text{Ta-173}$

0 Kelvin Cross Sections



Incident Energy (MeV)

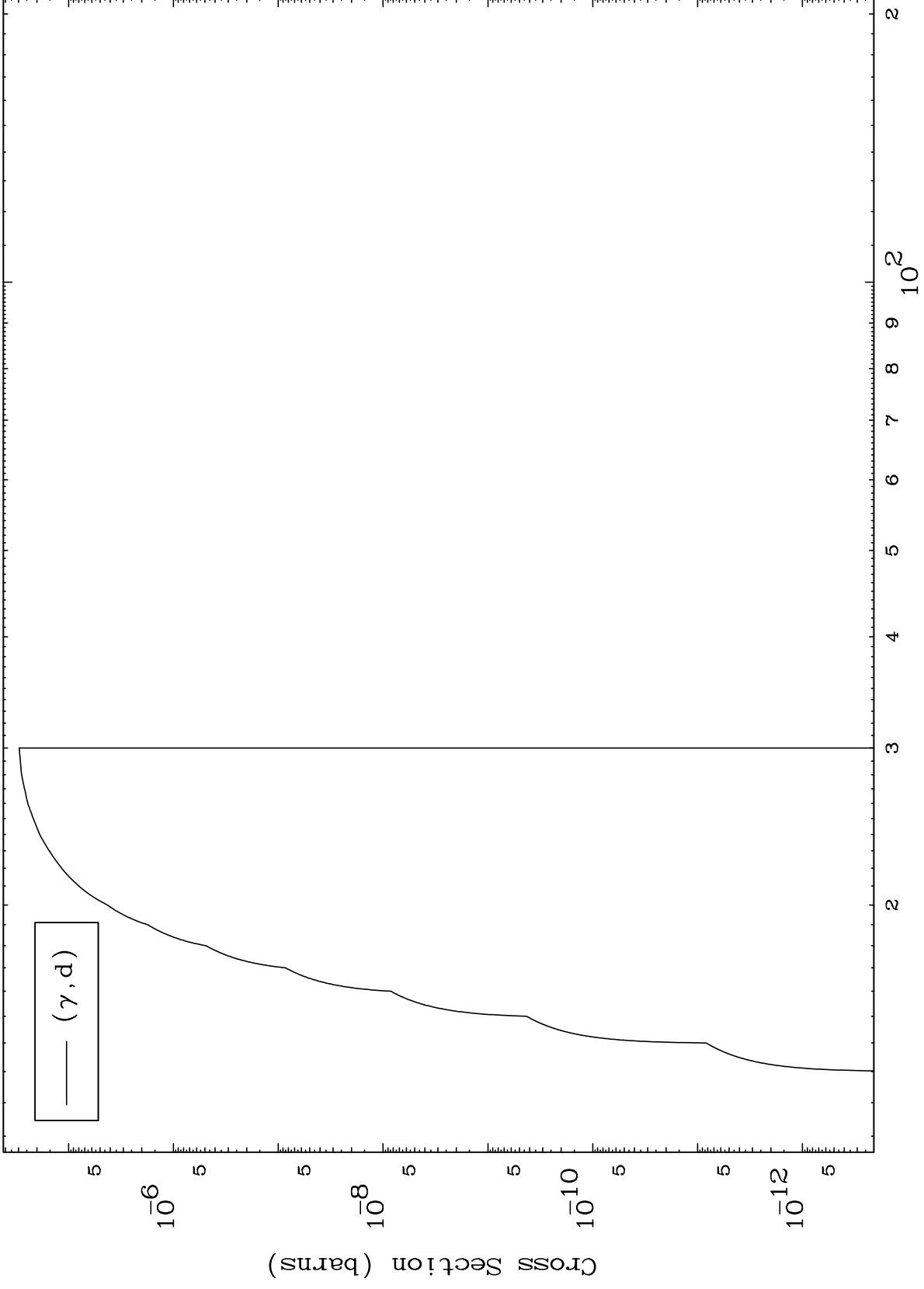
$^{73}\text{Ta-173}$

6

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

73-Ta-173



7

Incident Energy (MeV)

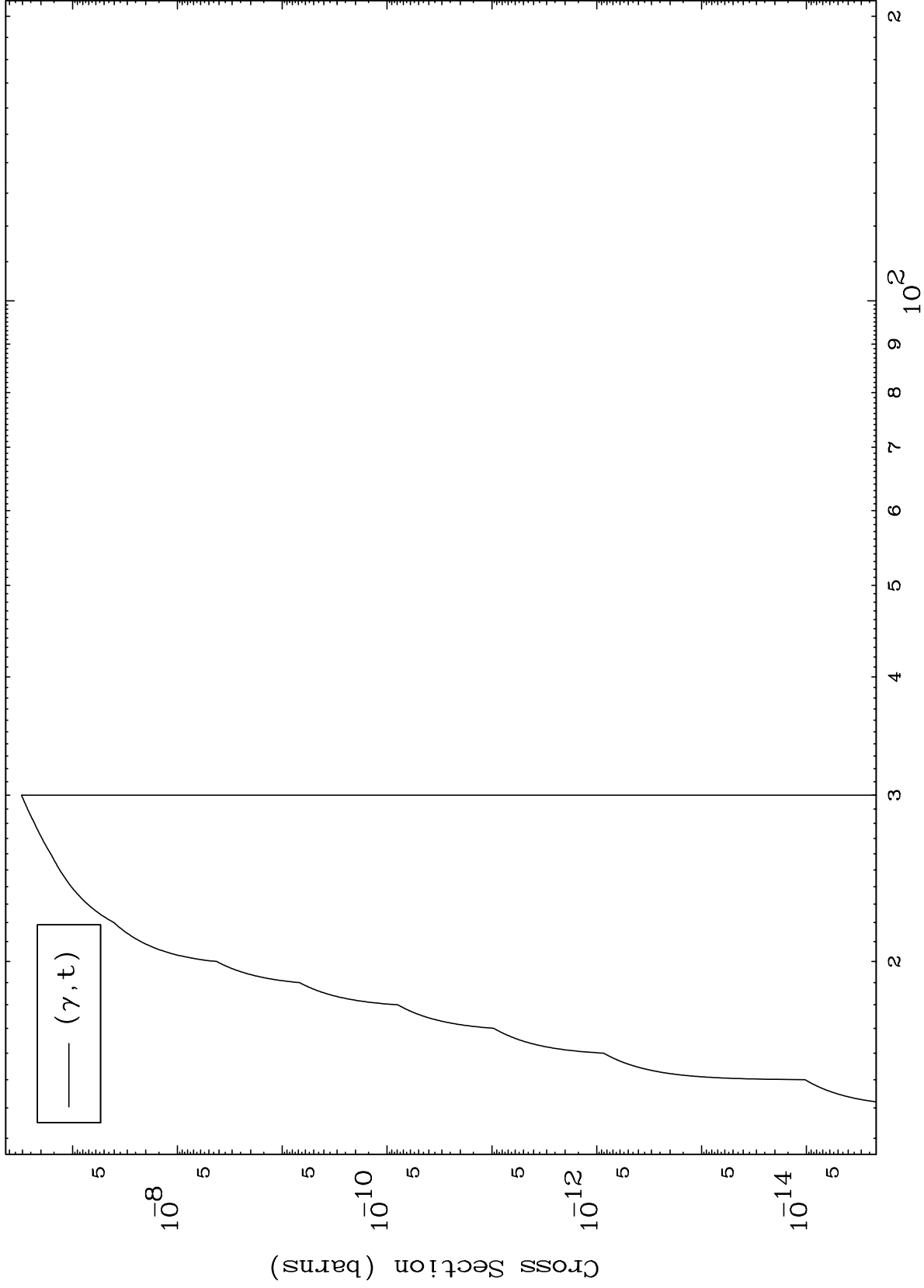
73-Ta-173



MAT 7304

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

73-Ta-173



8

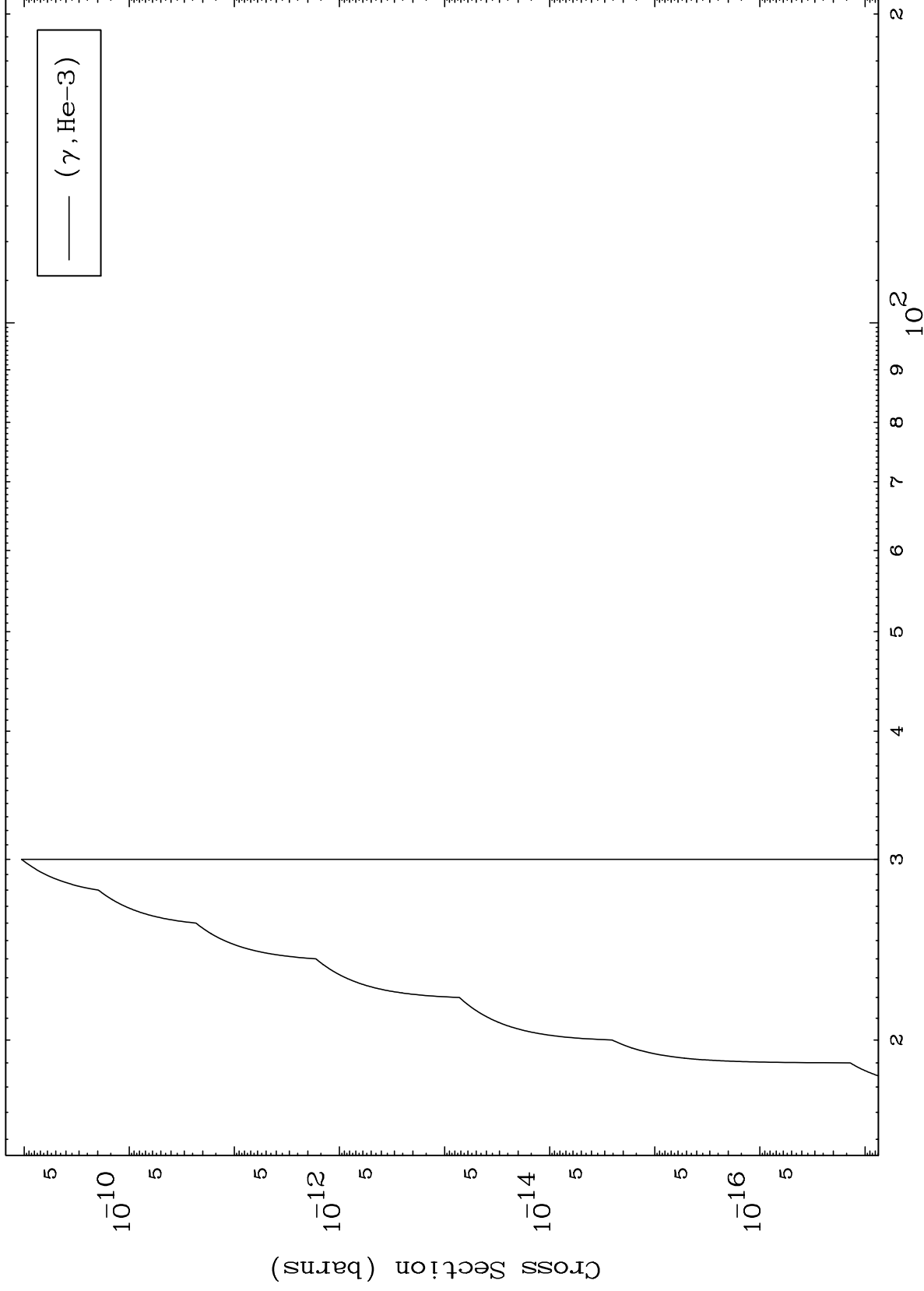
Incident Energy (MeV)

73-Ta-173

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

73-Ta-173



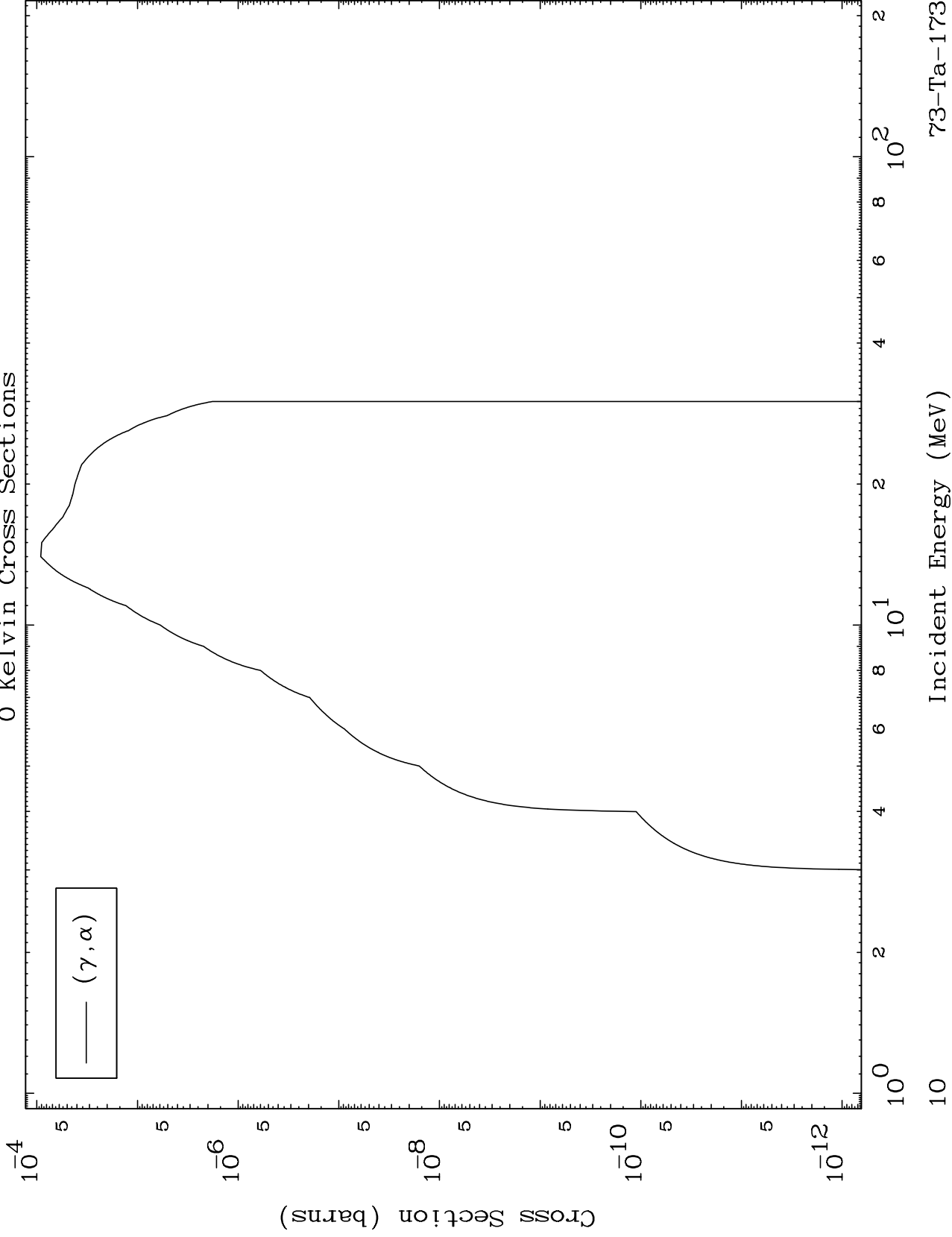
( $\gamma, \text{He-3}$ )

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( $\gamma, \alpha$ ) Levels

73-Ta-173

0 Kelvin Cross Sections



Incident Energy (MeV)

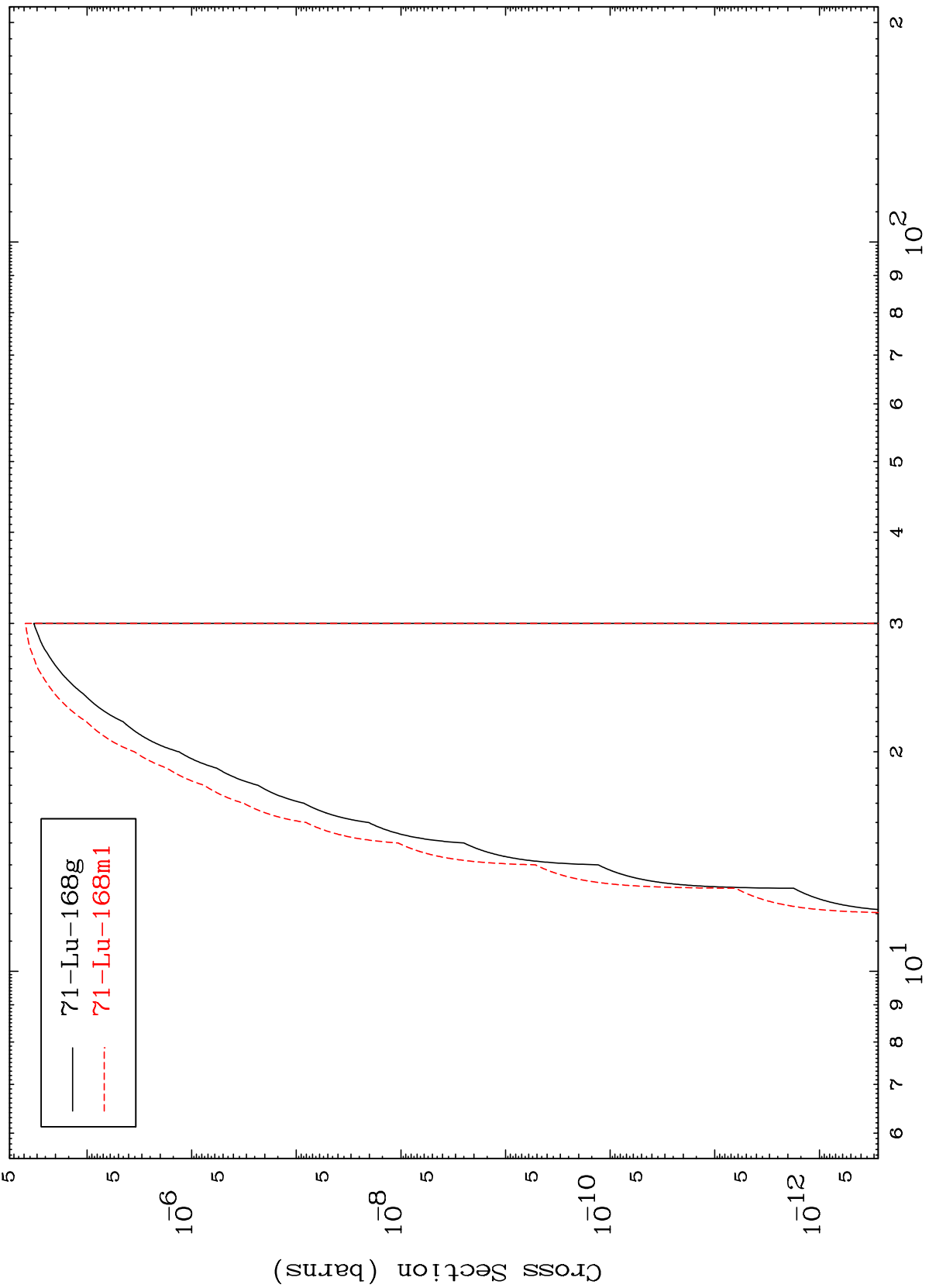
73-Ta-173

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$^{73}\text{Ta-173}$

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

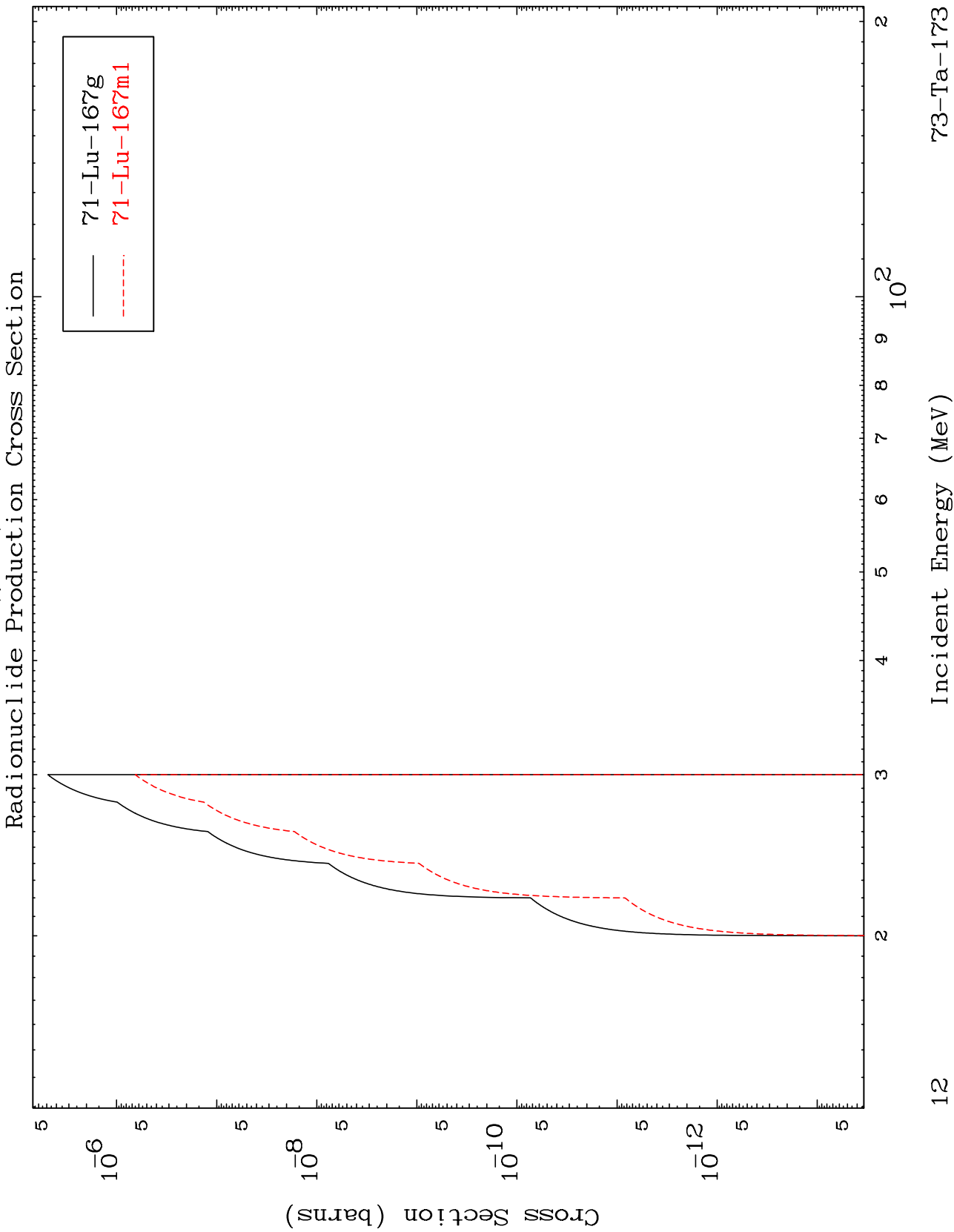
Radionuclide Production Cross Section



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$(\gamma, 2n) \alpha$

$^{73}\text{Ta}-173$



12

Incident Energy (MeV)

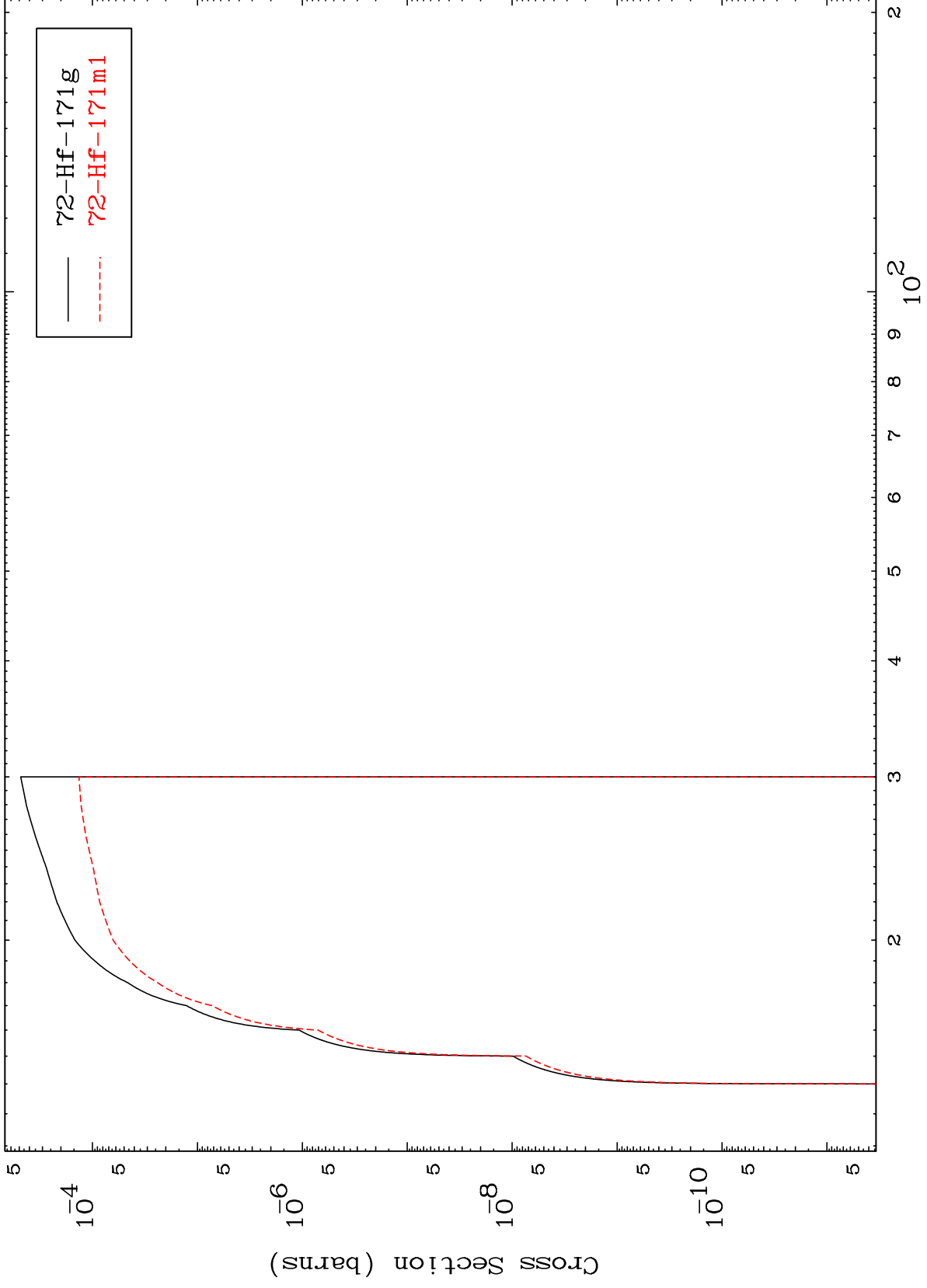
$^{73}\text{Ta}-173$

MAT 7304

$(\gamma, n')$  p

<sup>73</sup>Ta-173

Radionuclide Production Cross Section



13

Incident Energy (MeV)

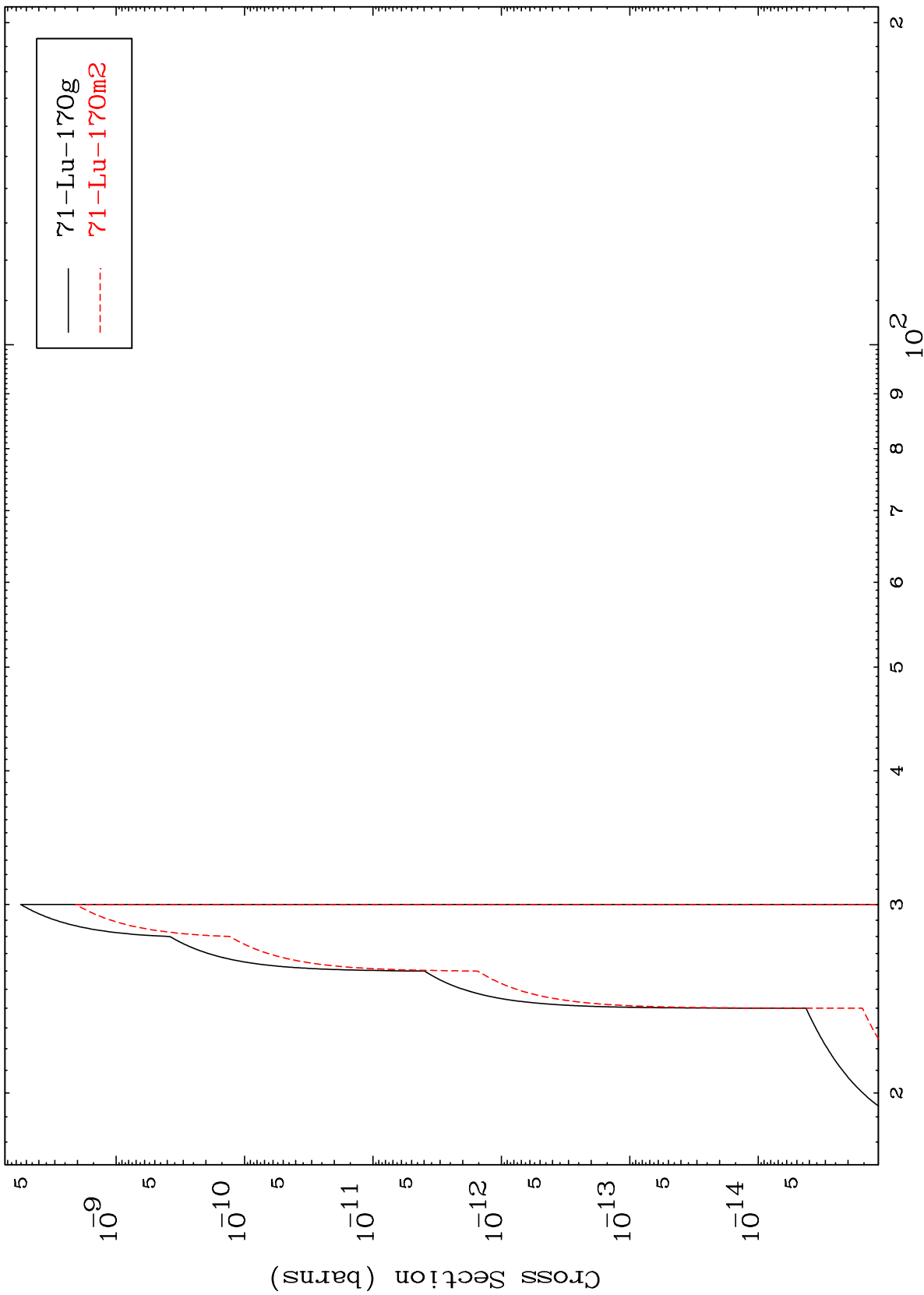
<sup>73</sup>Ta-173

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$(\gamma, 2n)$  p

$^{73}\text{Ta-173}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

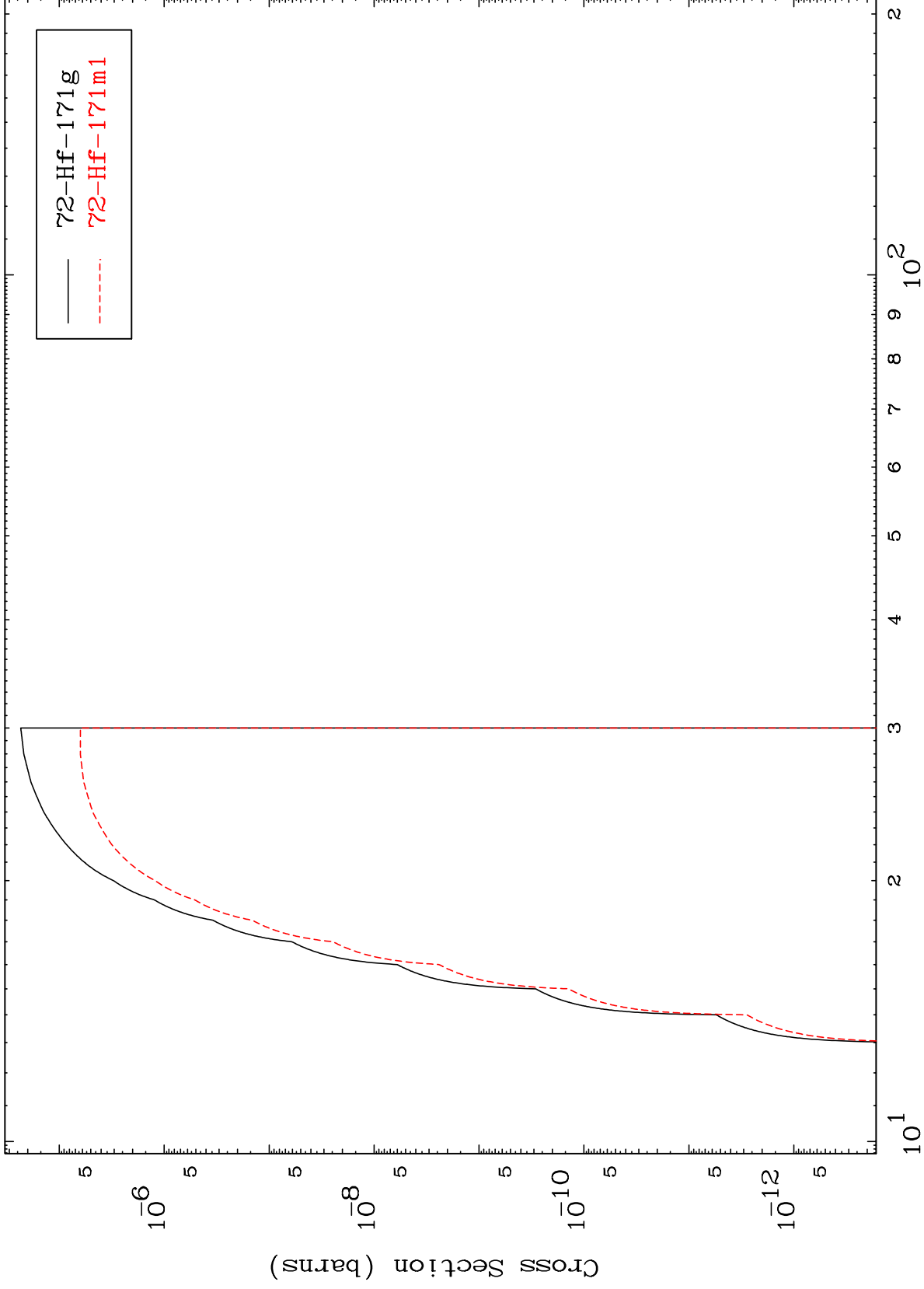
$^{73}\text{Ta-173}$

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( $\gamma, d$ )

$^{73}\text{Ta}-173$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{73}\text{Ta}-173$

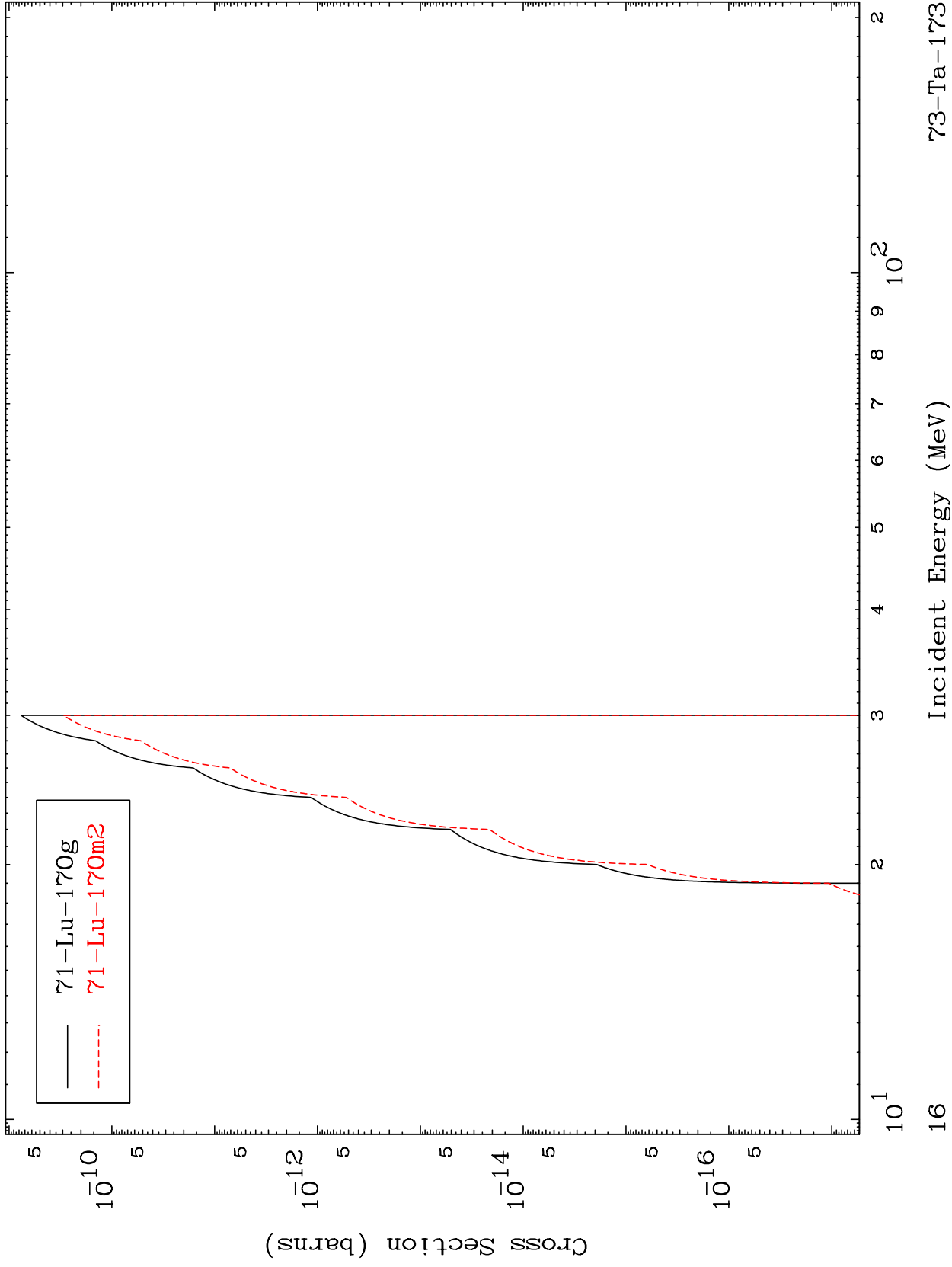


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( $\gamma, \text{He-3}$ )

73-Ta-173

Radionuclide Production Cross Section



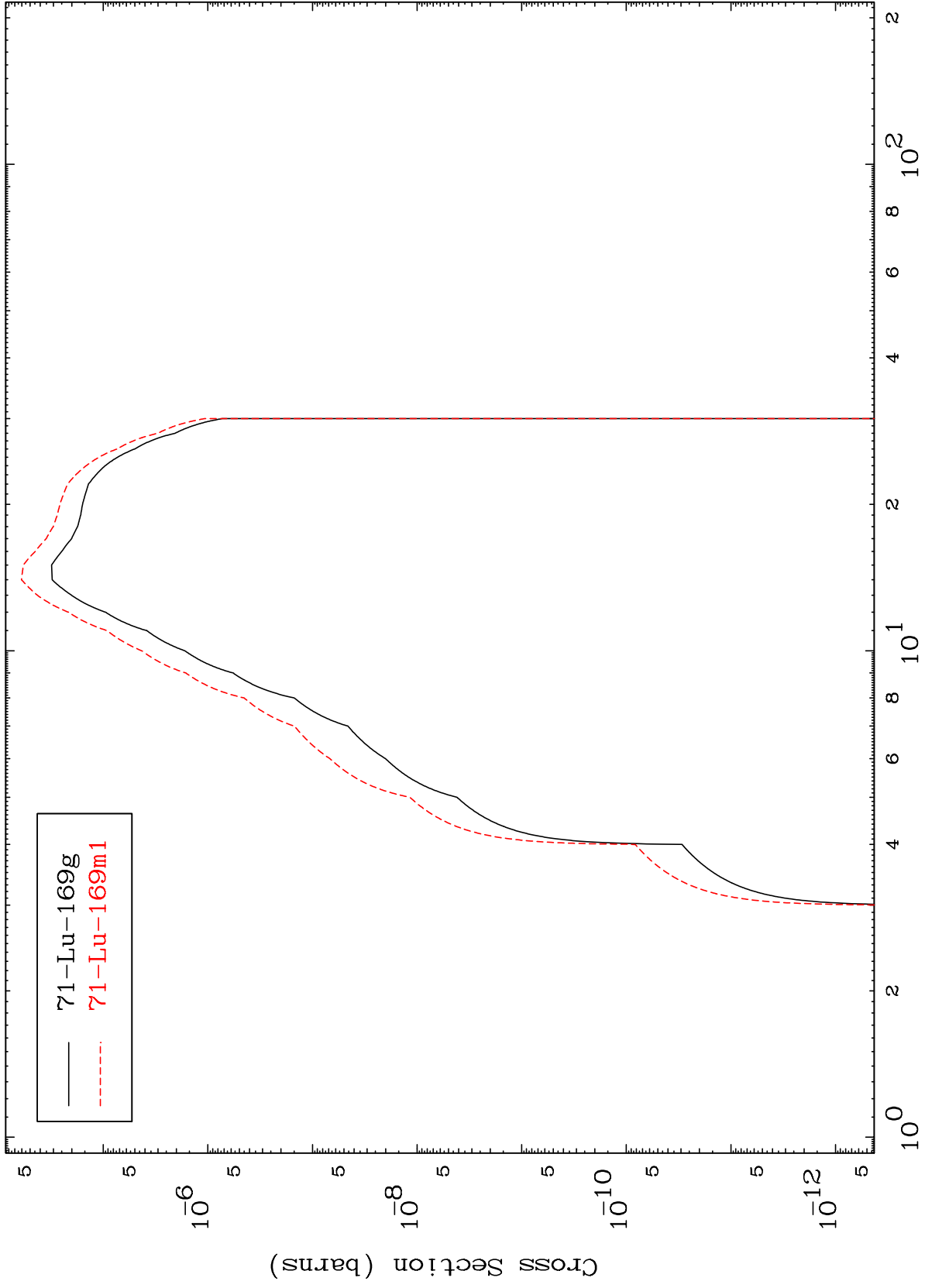
Incident Energy (MeV)

73-Ta-173

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73-Ta-173

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



— 71-Lu-169g  
- - - 71-Lu-169m1

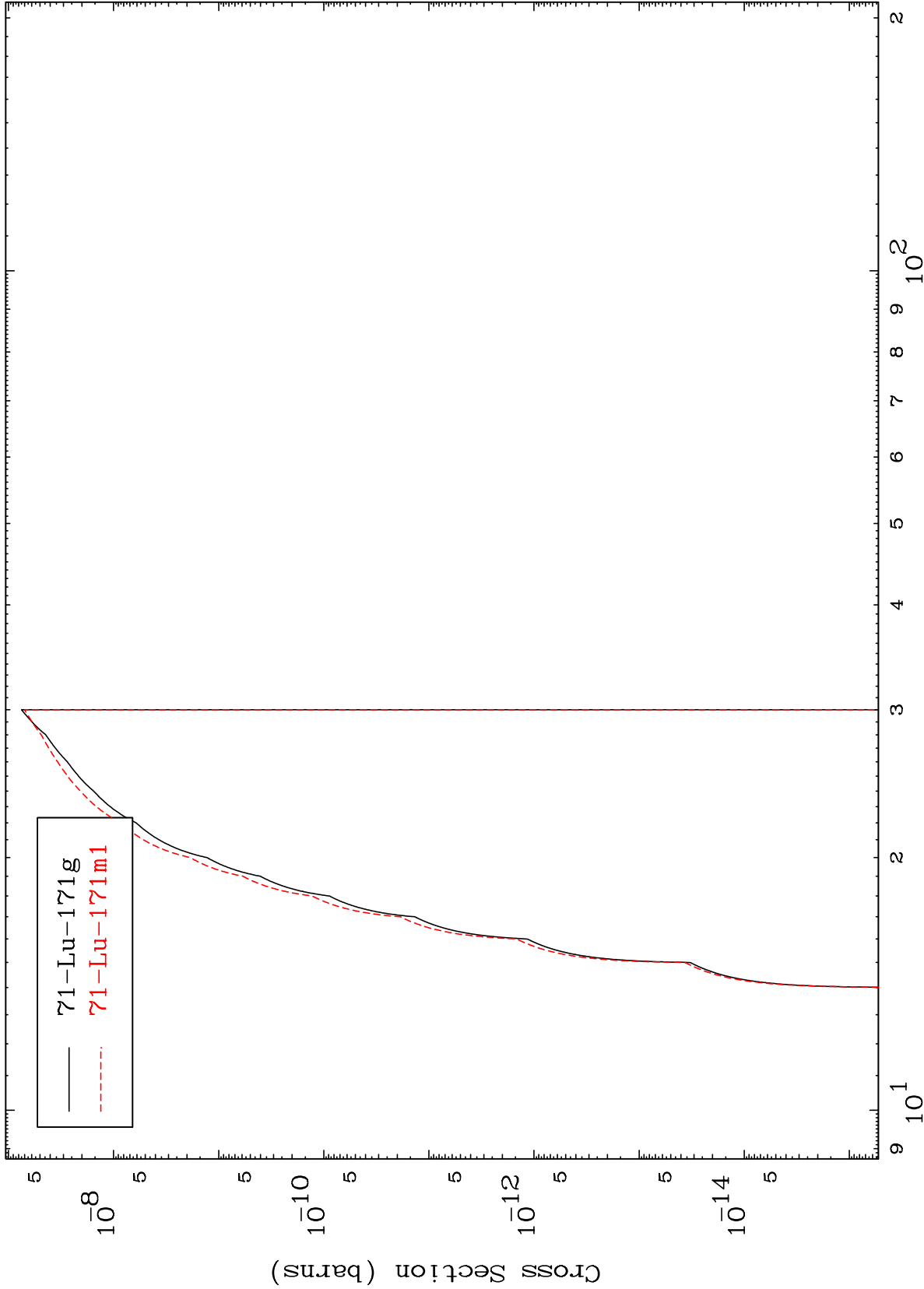
Incident Energy (MeV)

73-Ta-173

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73-Ta-173

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



73-Ta-173

Incident Energy (MeV)

18