

Program EVALPLOT  
(Version 2021-1)

by

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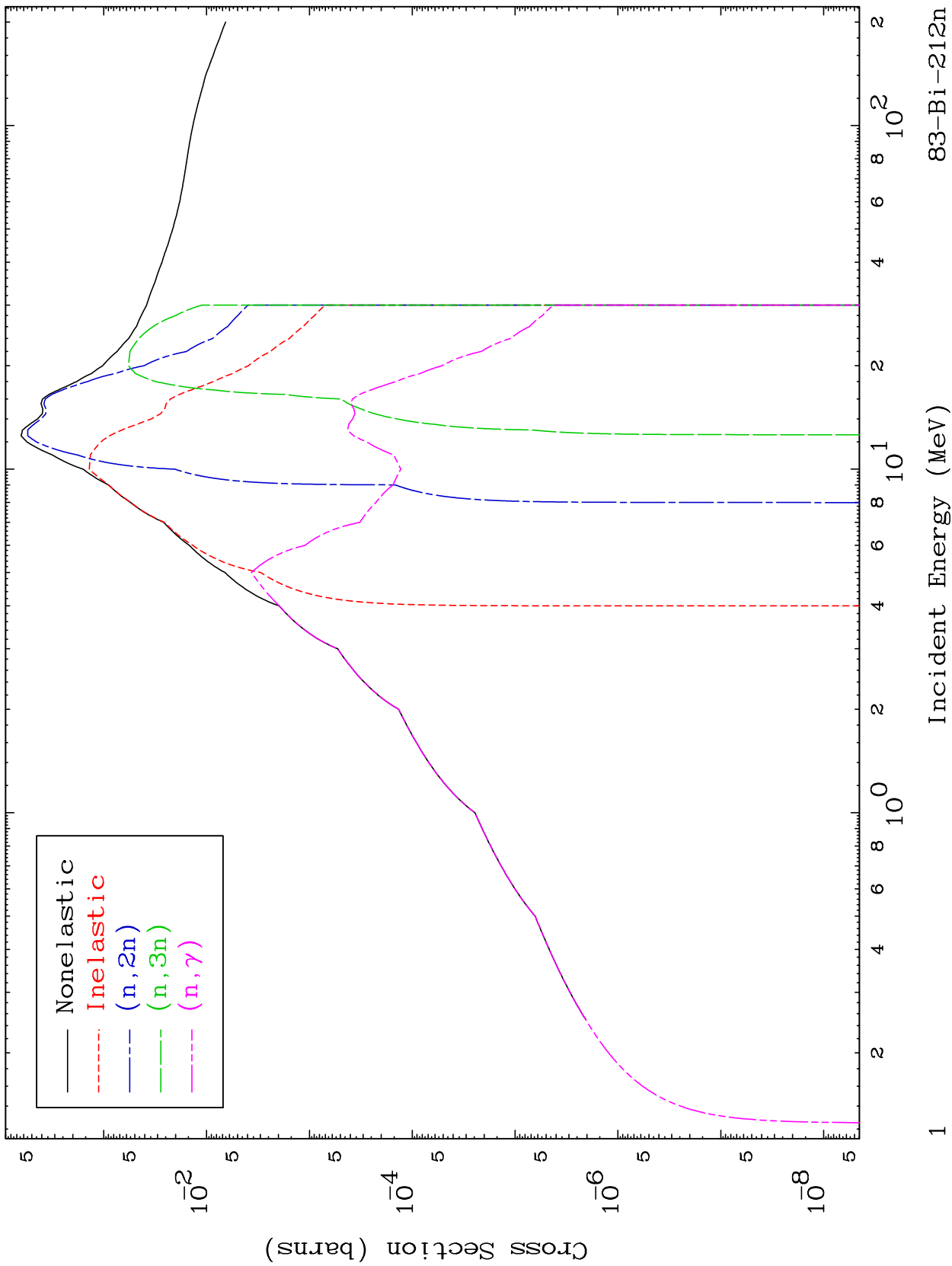
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8336

Photon Major  
0 Kelvin Cross Sections

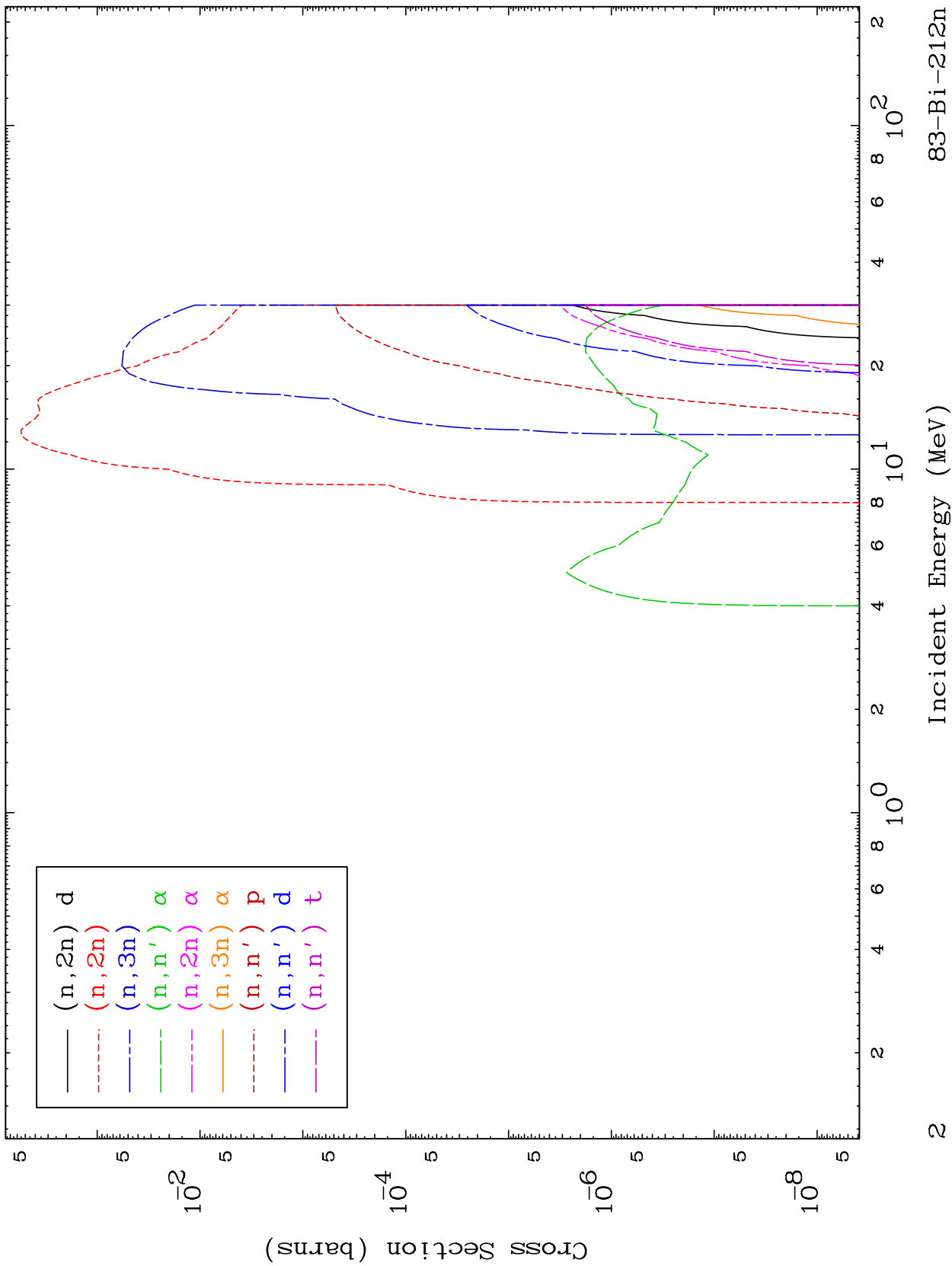
83-Bi-212n



MAT 8336

Photon Neutron Absorption  
0 Kelvin Cross Sections

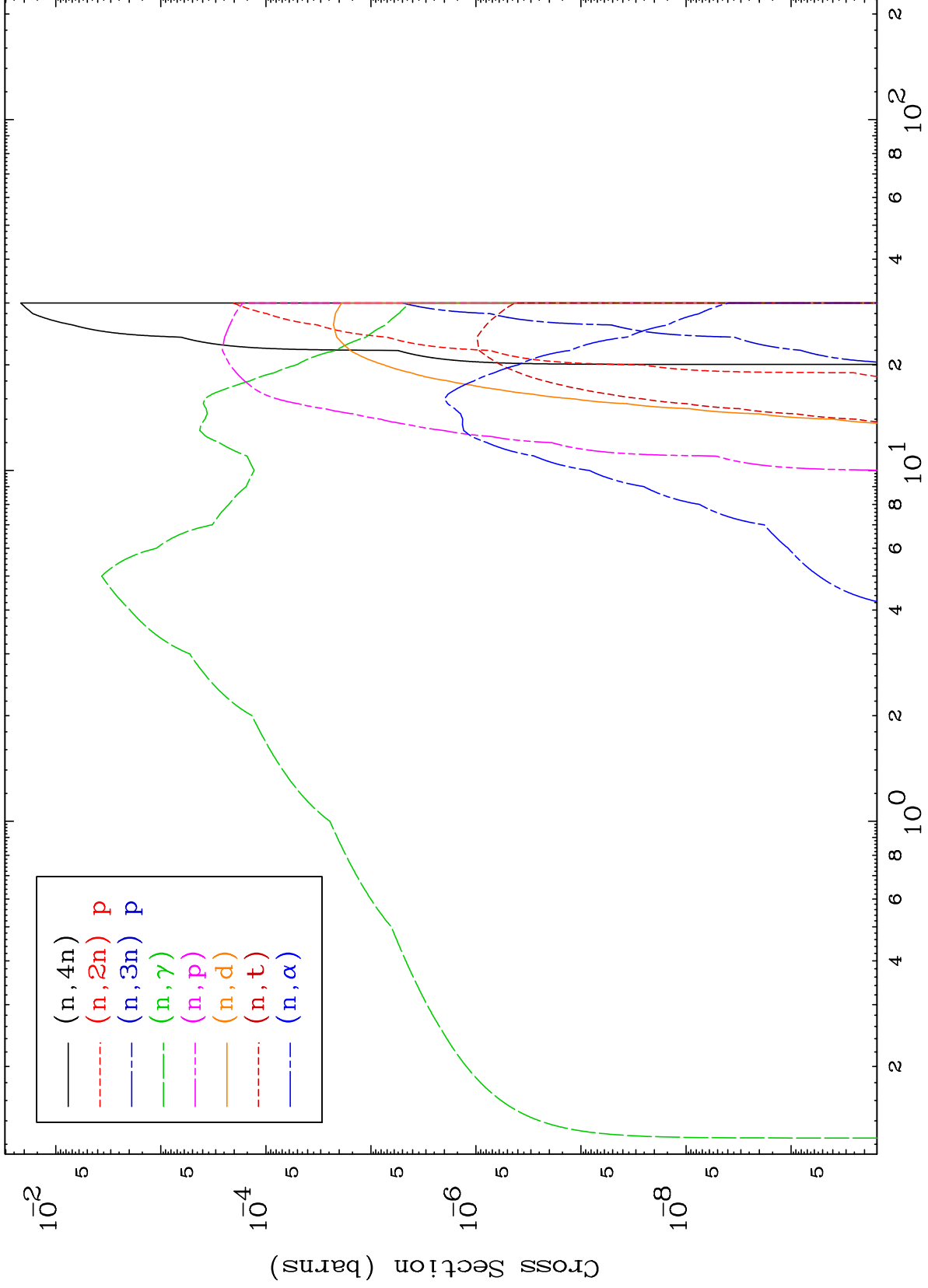
83-Bi-212n



MAT 8336

Photon Neutron Absorption  
0 Kelvin Cross Sections

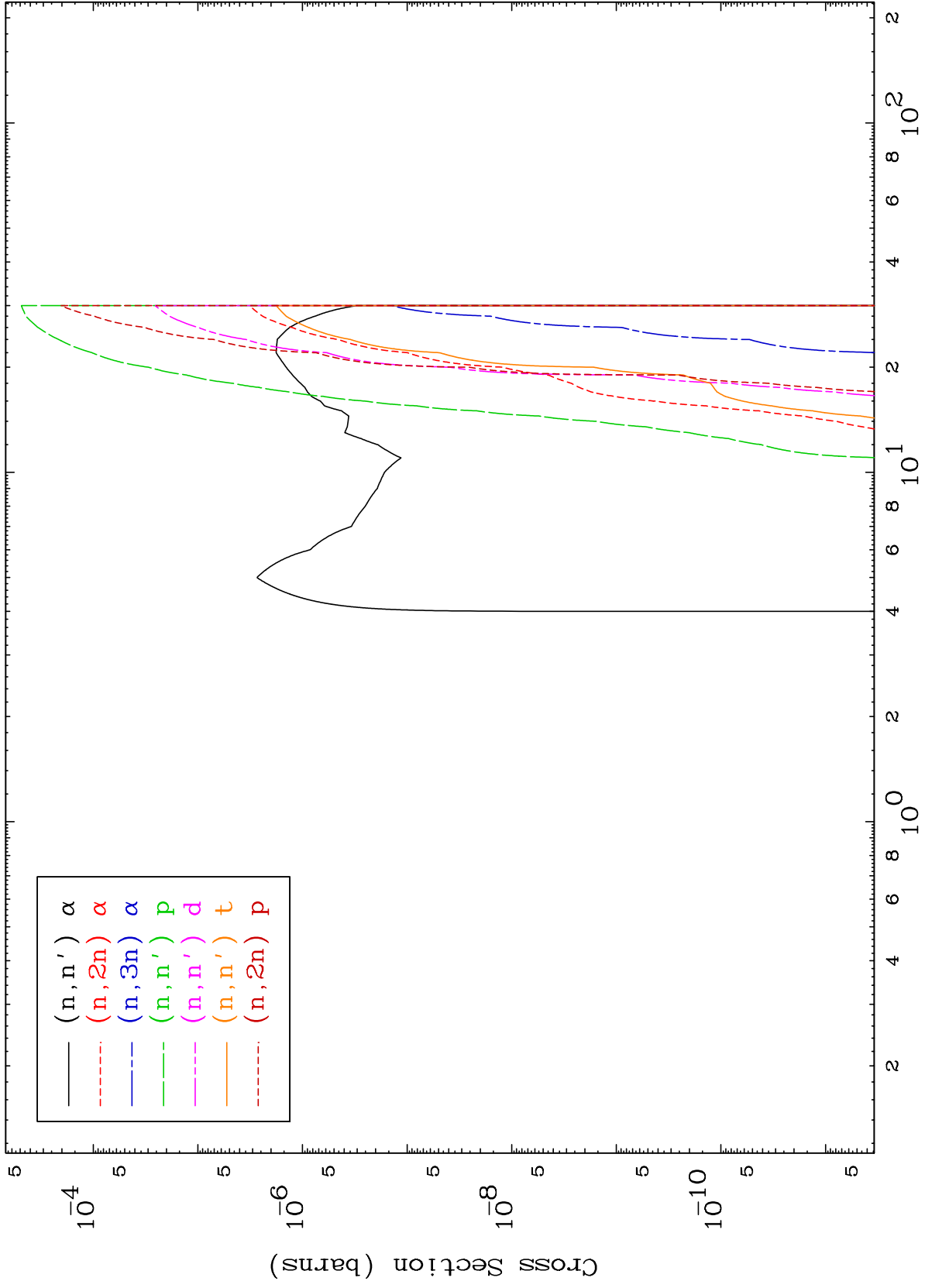
83-Bi-212n

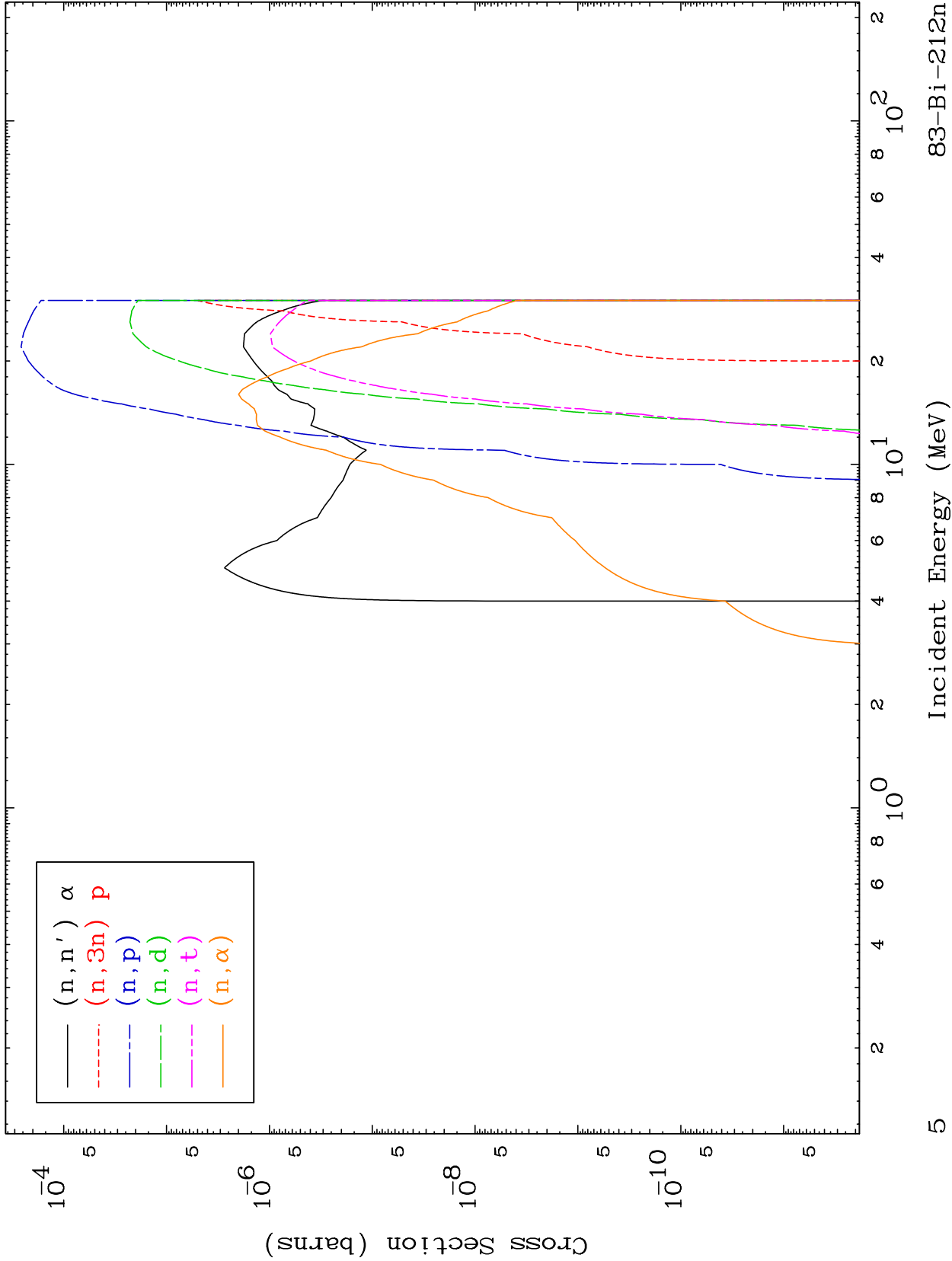


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Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-212n

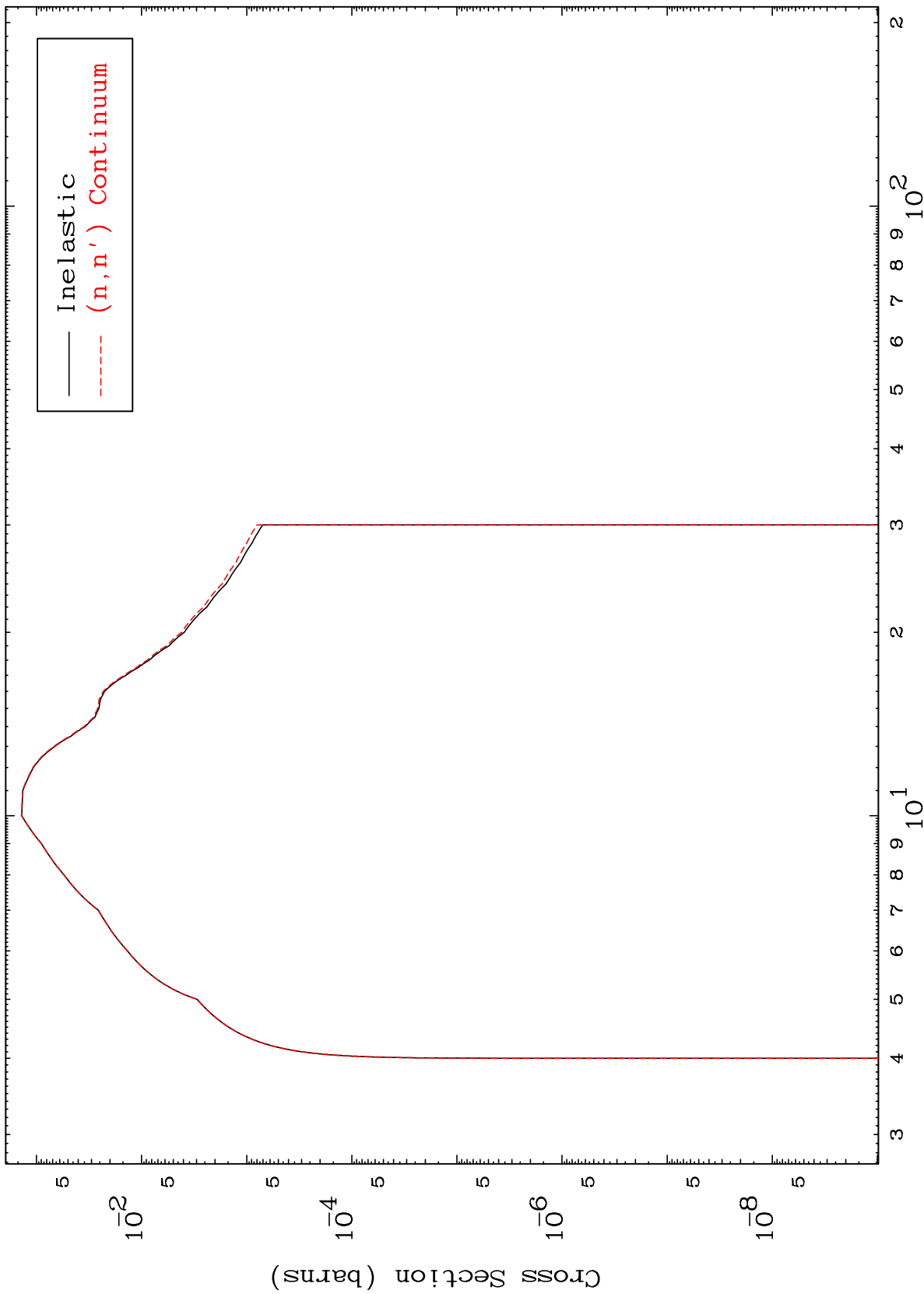




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83-Bi-212n

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



83-Bi-212n

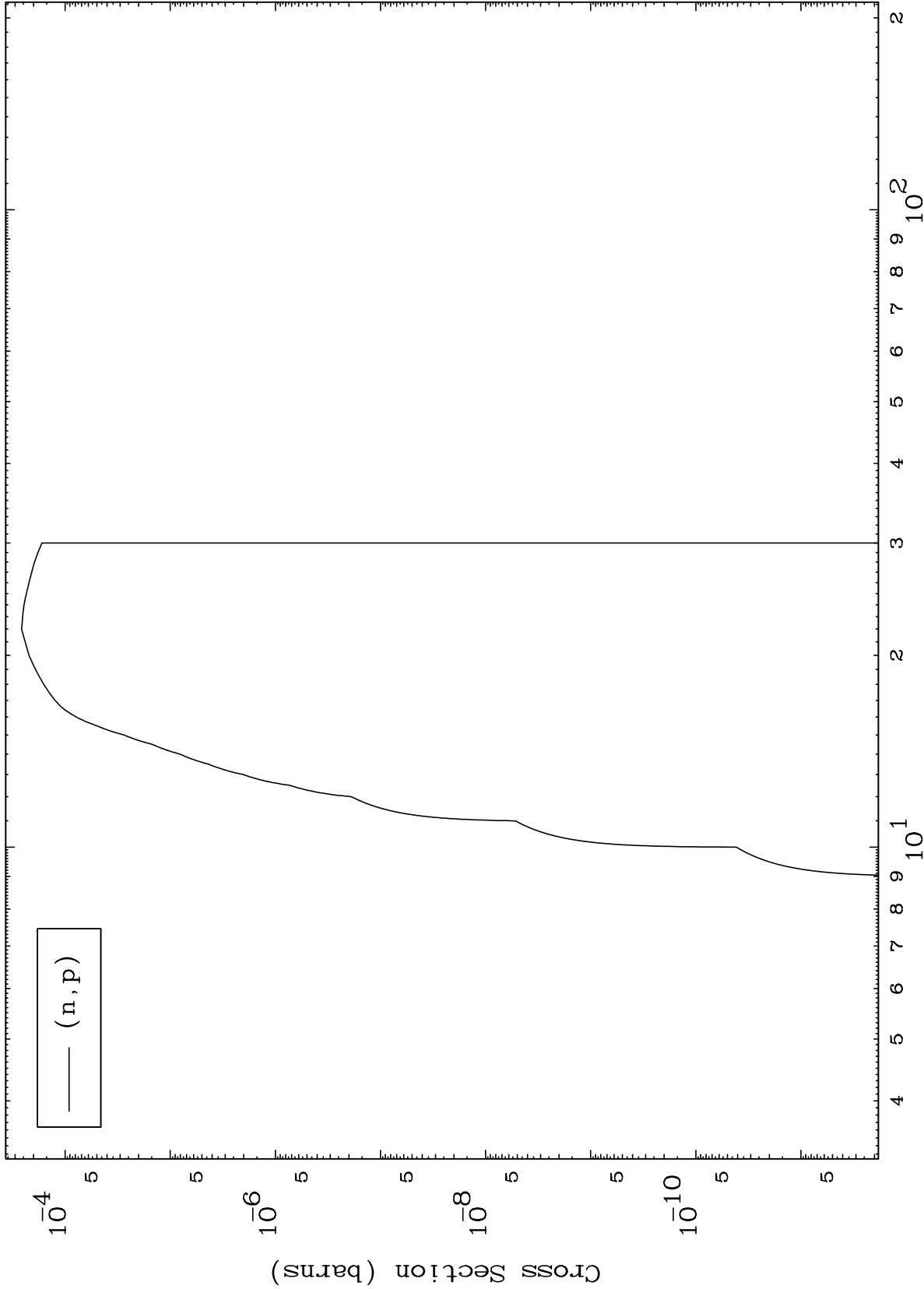
Incident Energy (MeV)

6

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

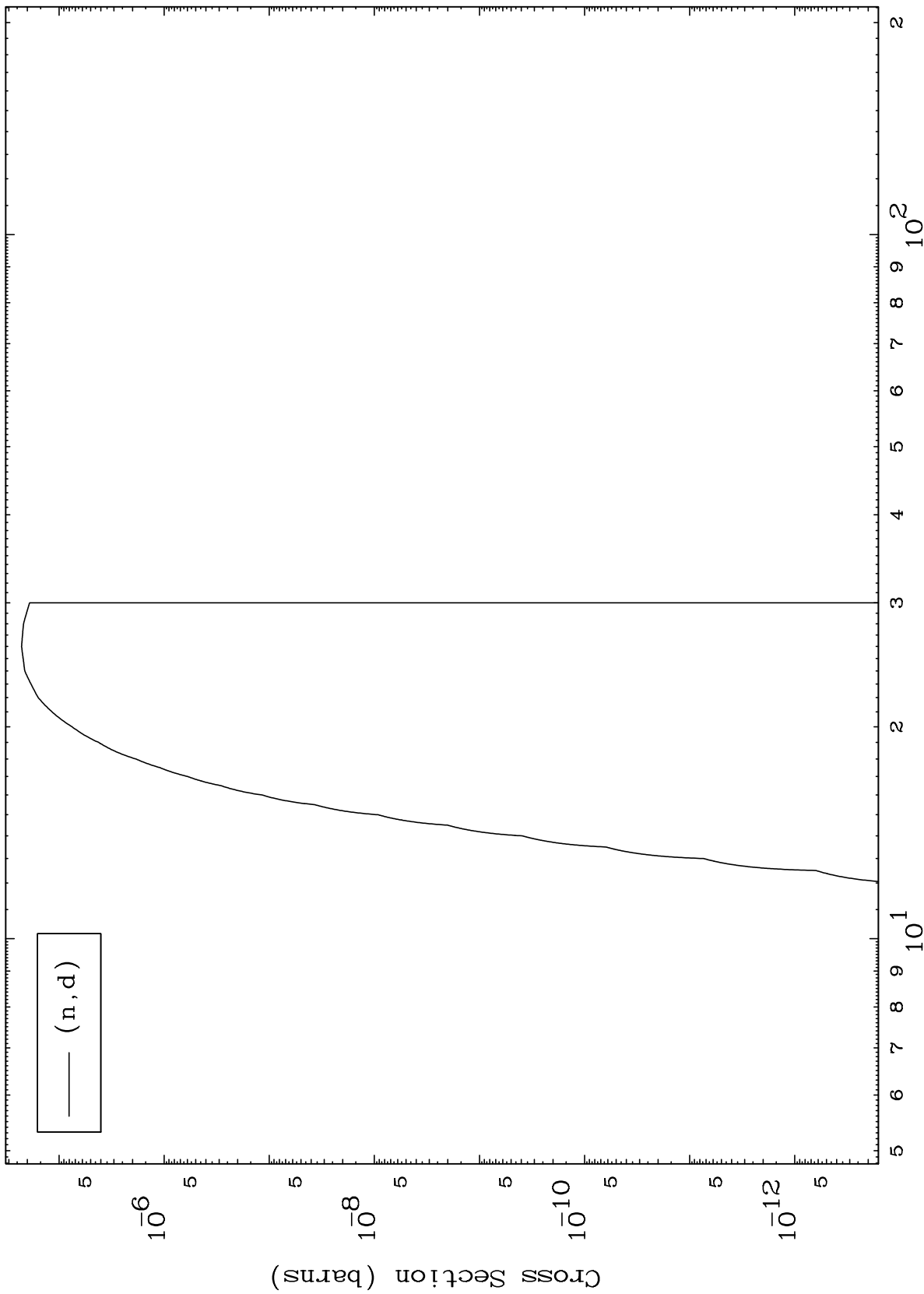
83-Bi-212n



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83-Bi-212n

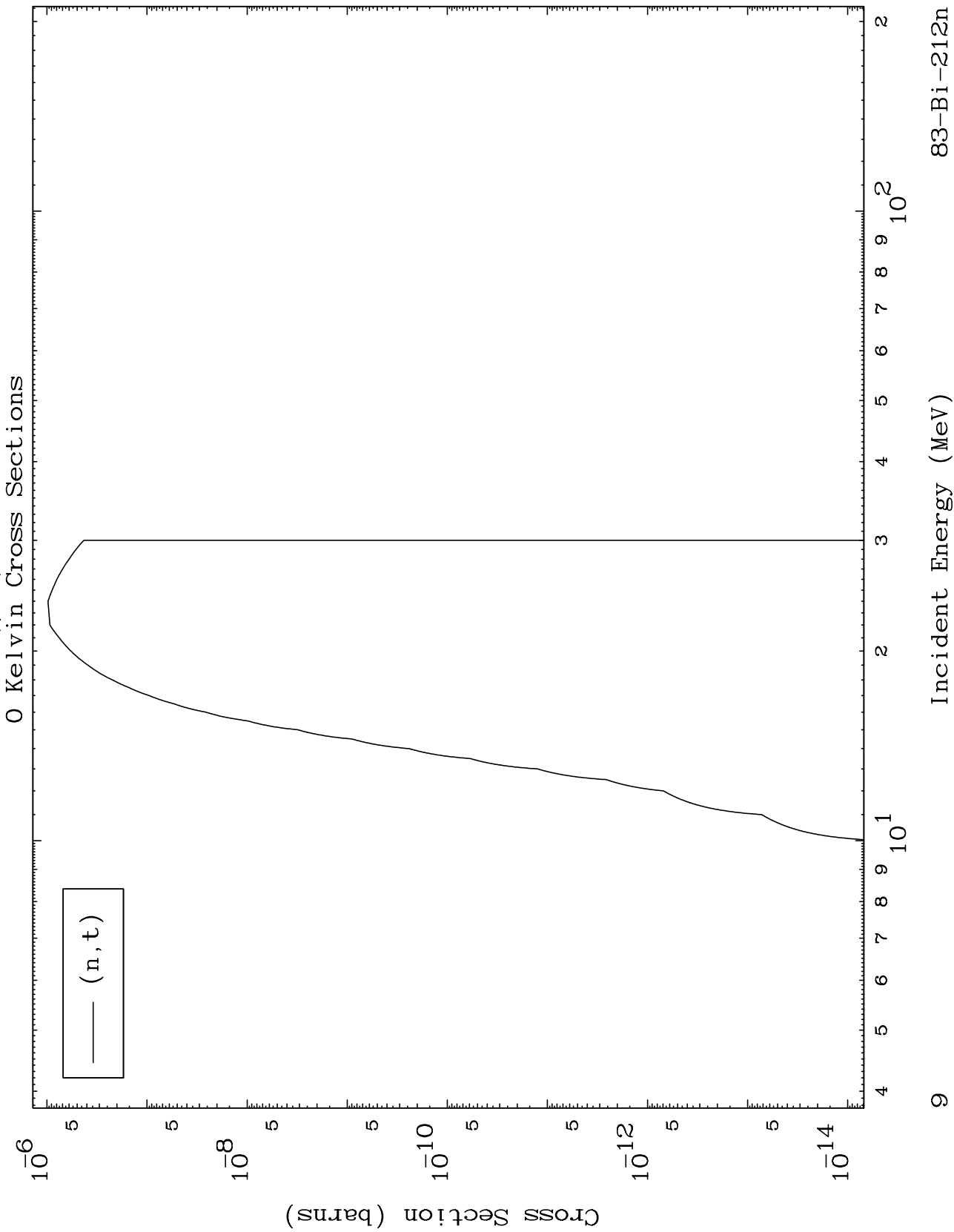
( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections



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( $\gamma, t$ ) Levels

$^{83}\text{Bi}-212n$

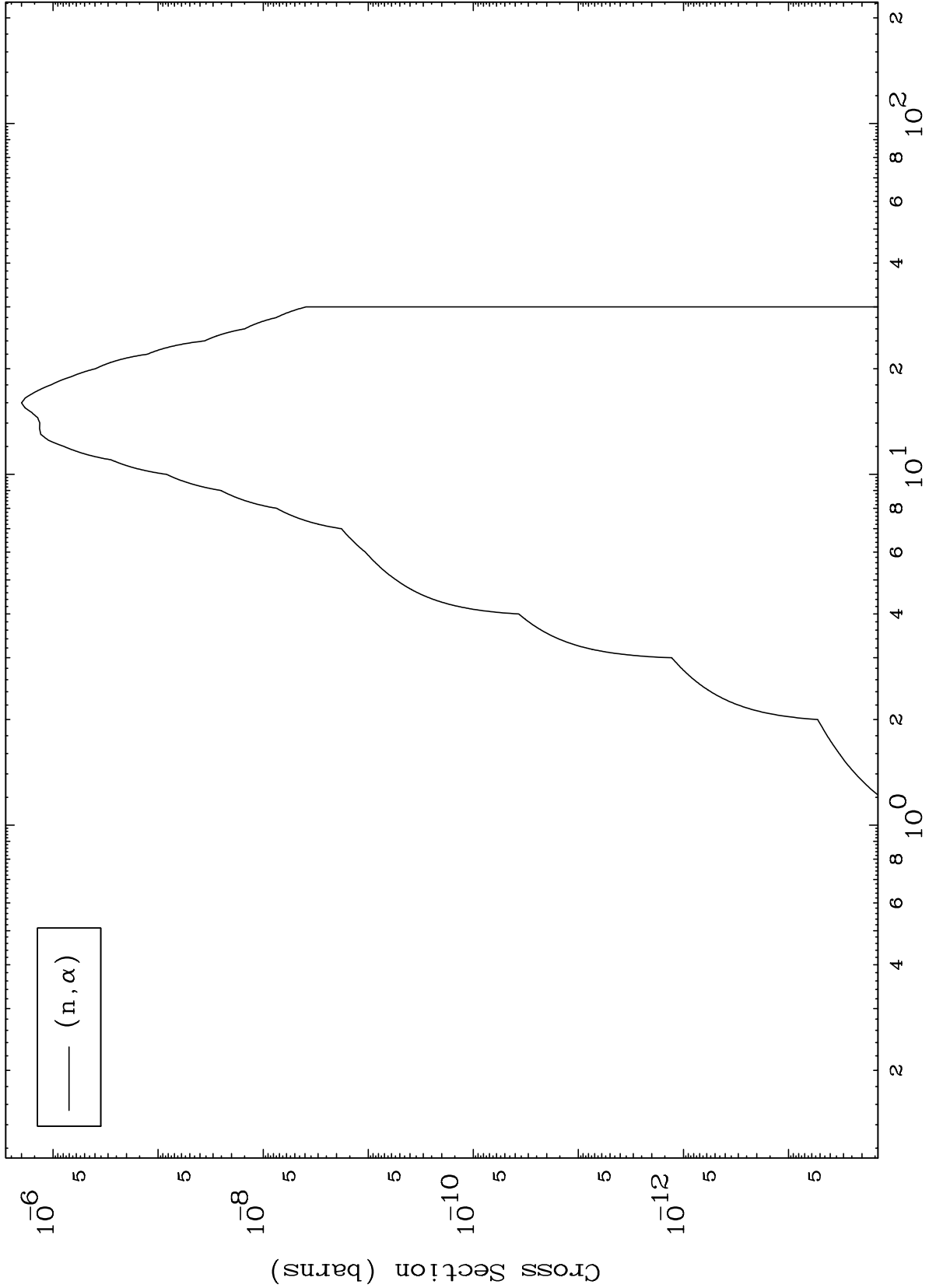


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( $\gamma, \alpha$ ) Levels

$^{83}\text{Bi}-^{212}\text{n}$

0 Kelvin Cross Sections



10

Incident Energy (MeV)

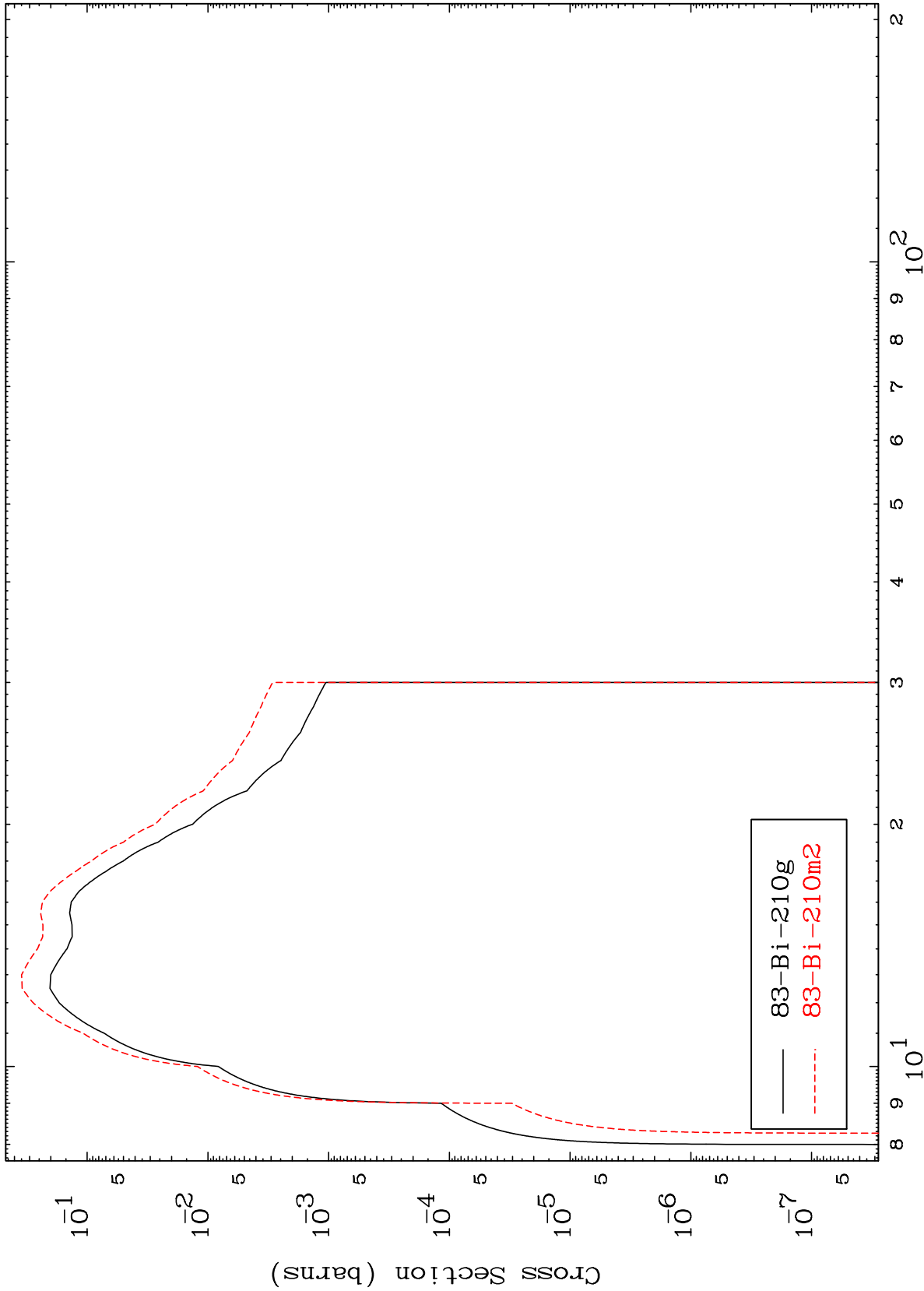
$^{83}\text{Bi}-^{212}\text{n}$

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(n,2n)

<sup>83</sup>Bi-<sup>212</sup>n

Radionuclide Production Cross Section



11

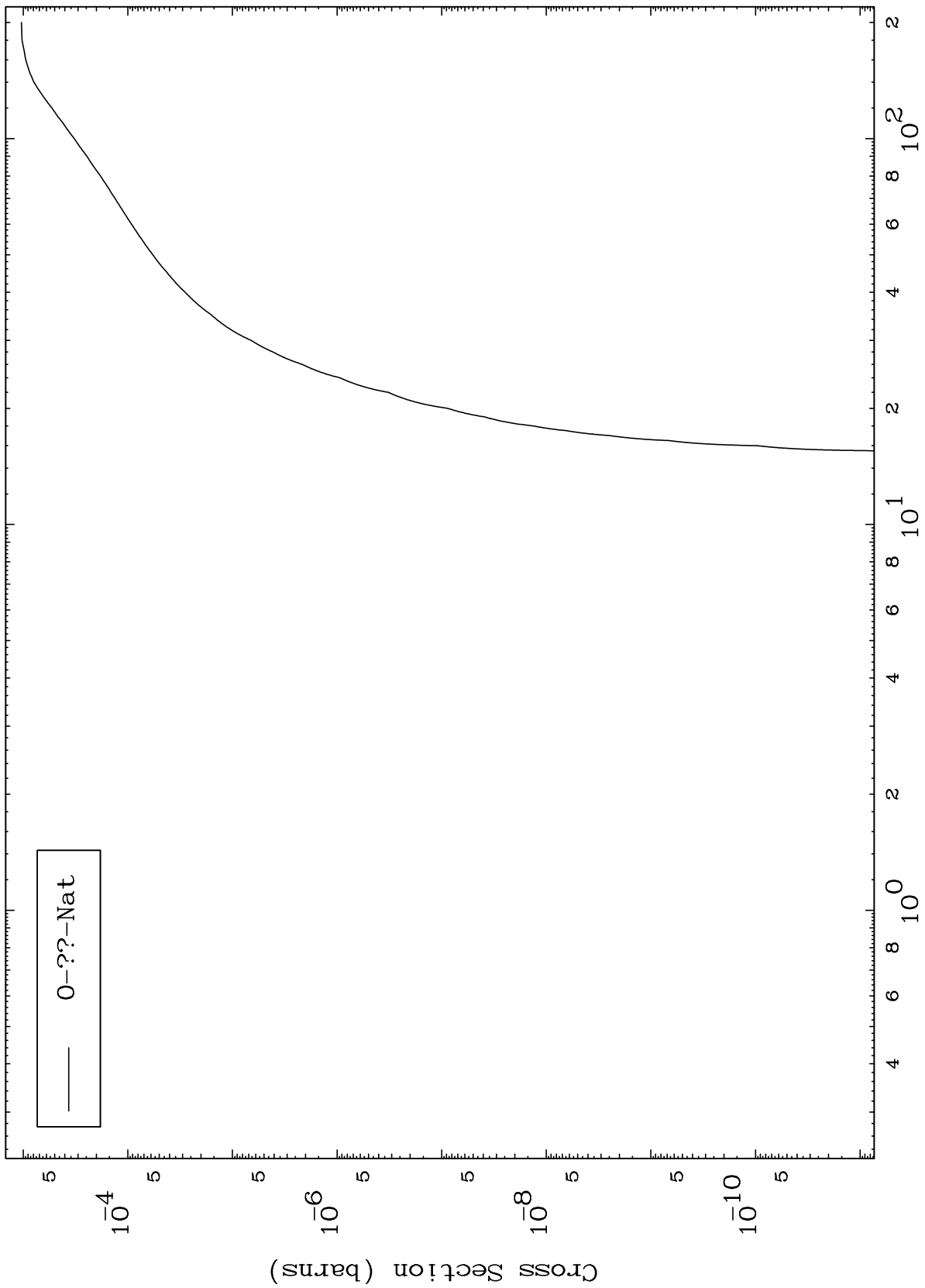
Incident Energy (MeV)

<sup>83</sup>Bi-<sup>212</sup>n

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Fission  
Radionuclide Production Cross Section

<sup>83</sup>Bi-<sup>212</sup>n

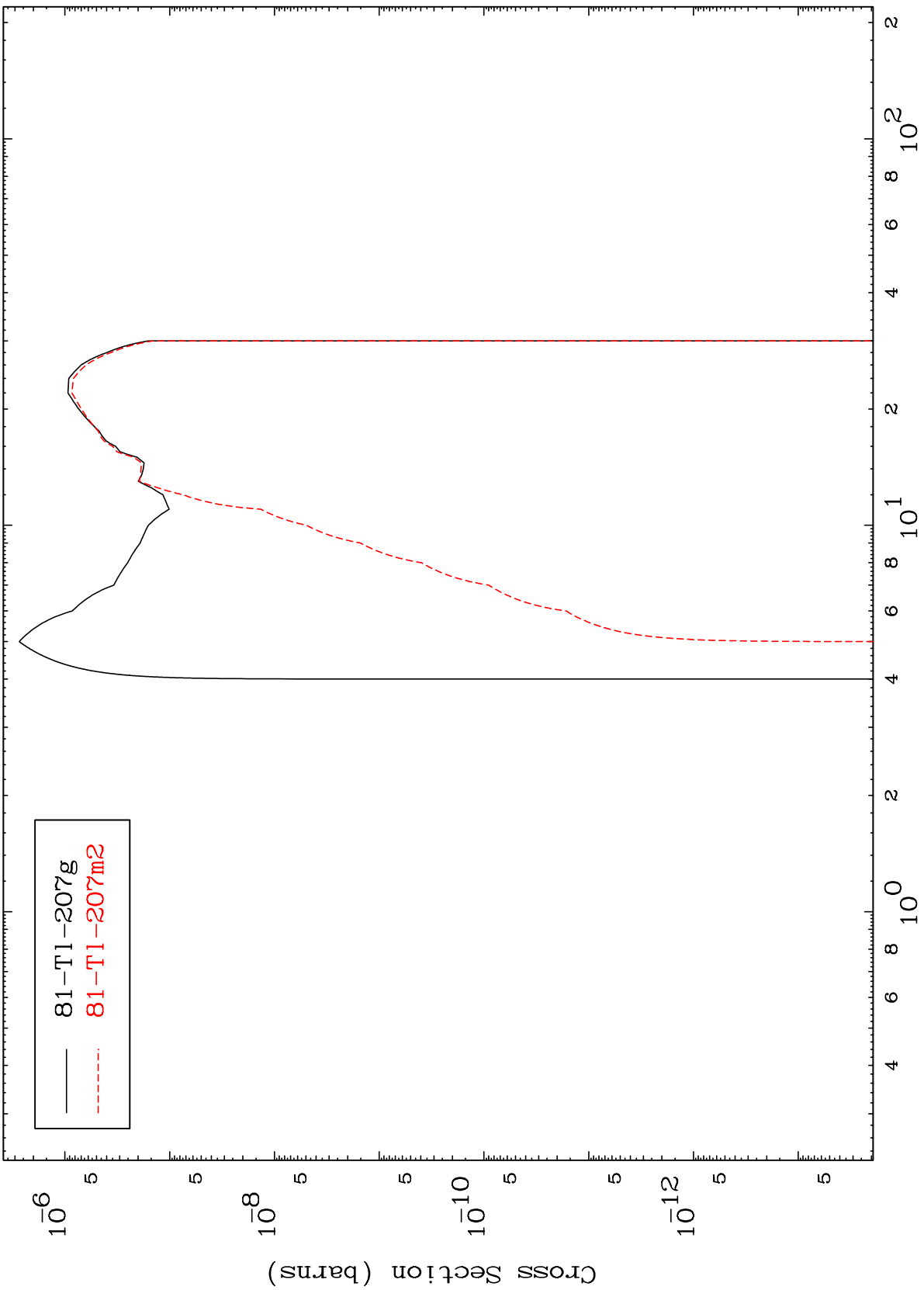


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$(n, n') \alpha$

$^{83}\text{Bi}-^{212}\text{n}$

Radionuclide Production Cross Section

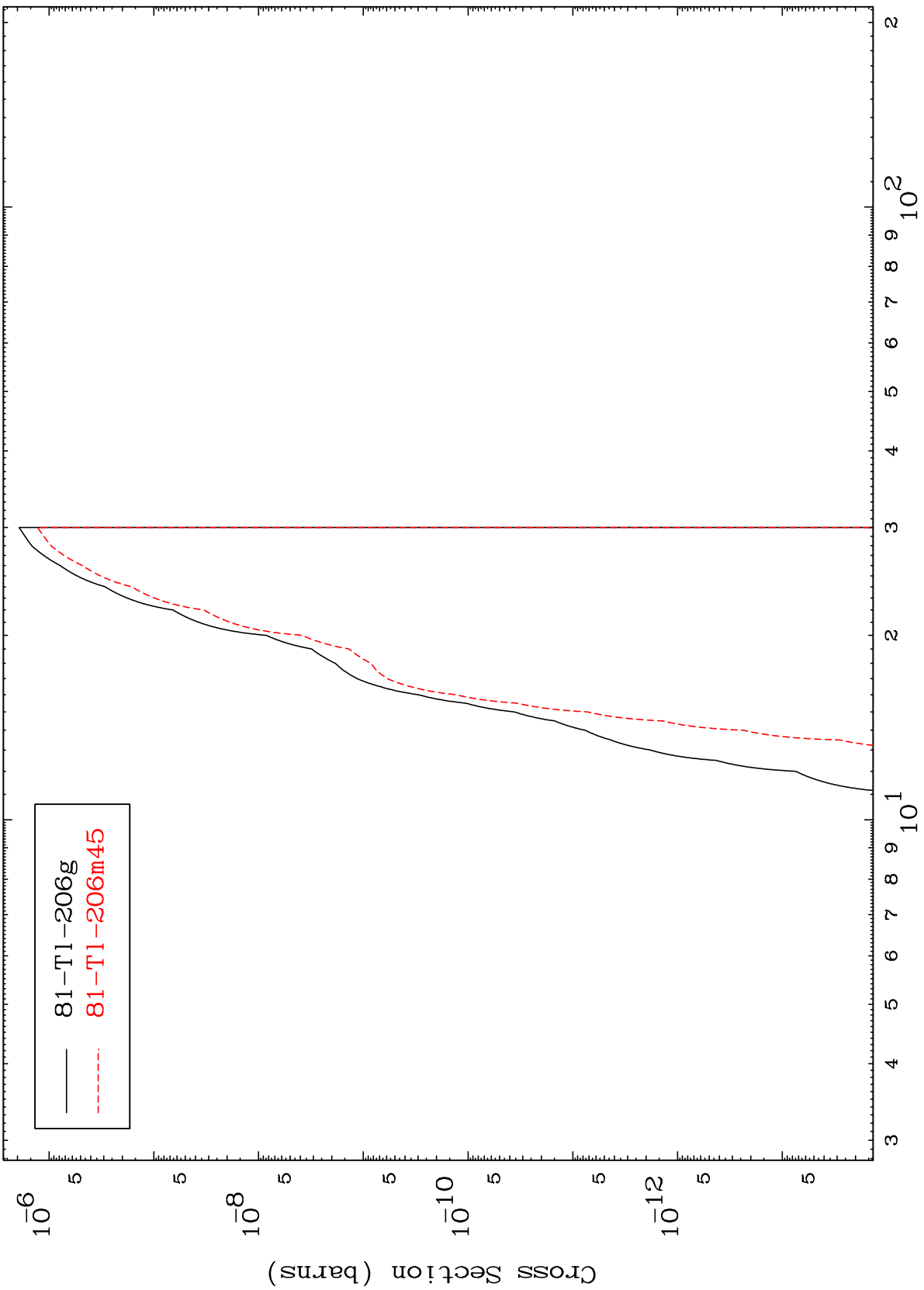


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(n,2n)  $\alpha$

83-Bi-212n

Radionuclide Production Cross Section



14

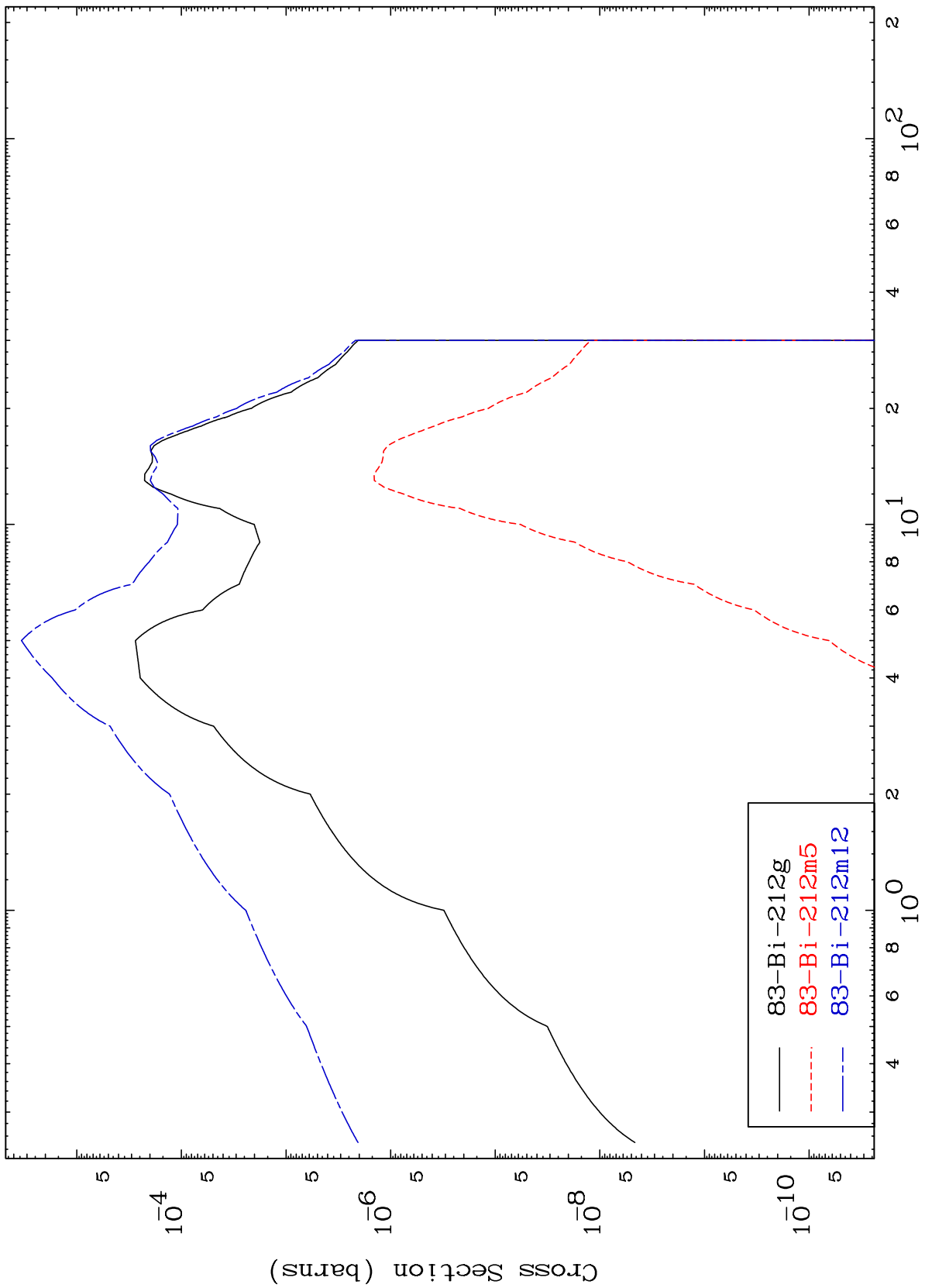
Incident Energy (MeV)

83-Bi-212n

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$^{83}\text{Bi}-212n$

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



$^{83}\text{Bi}-212n$

Incident Energy (MeV)

15