

Program EVALPLOT
(Version 2021-1)

by

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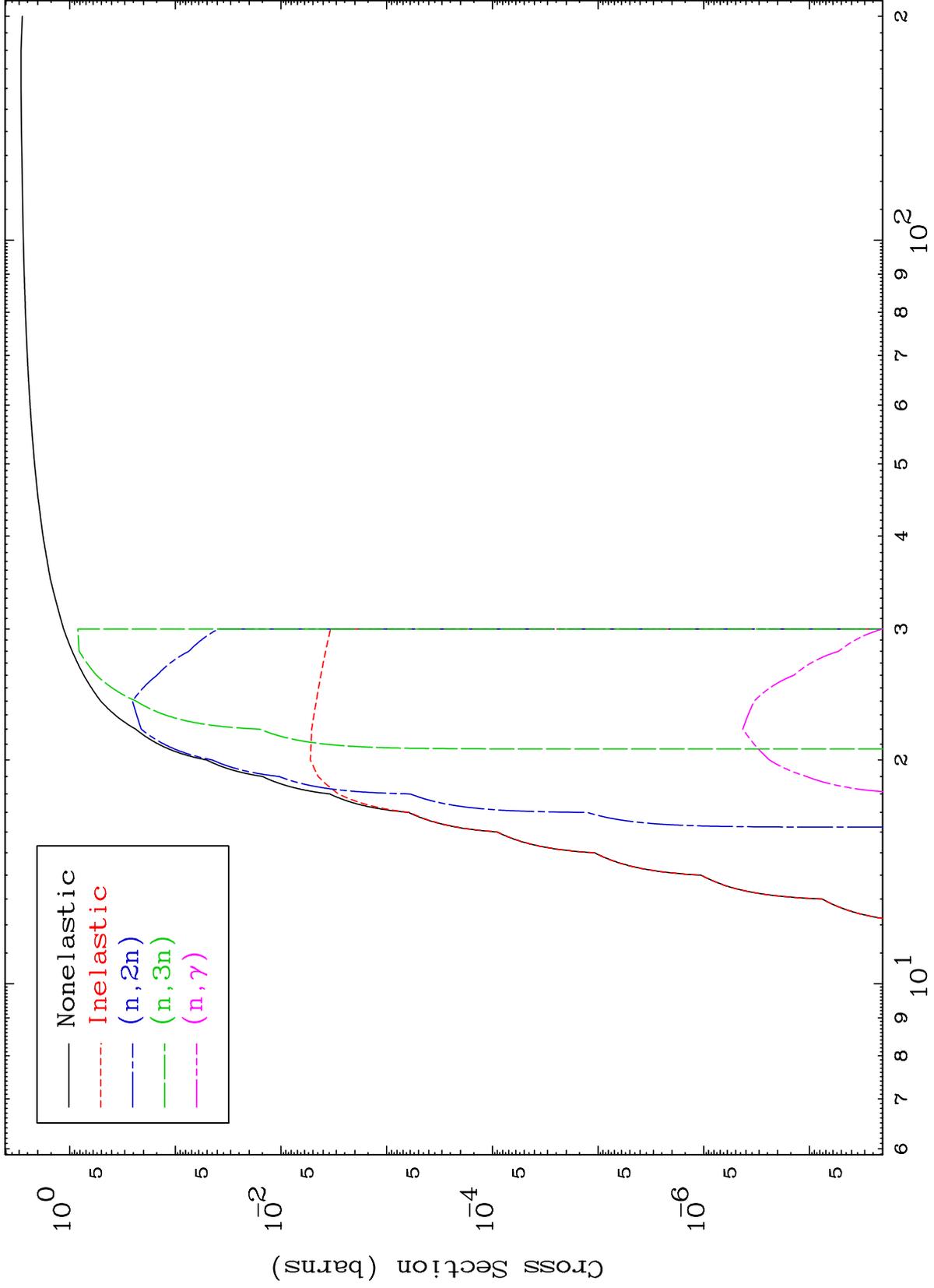
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Press Mouse Button to Start

MAT 8346

0 Kelvin α Major Cross Sections

83-Bi-216



1

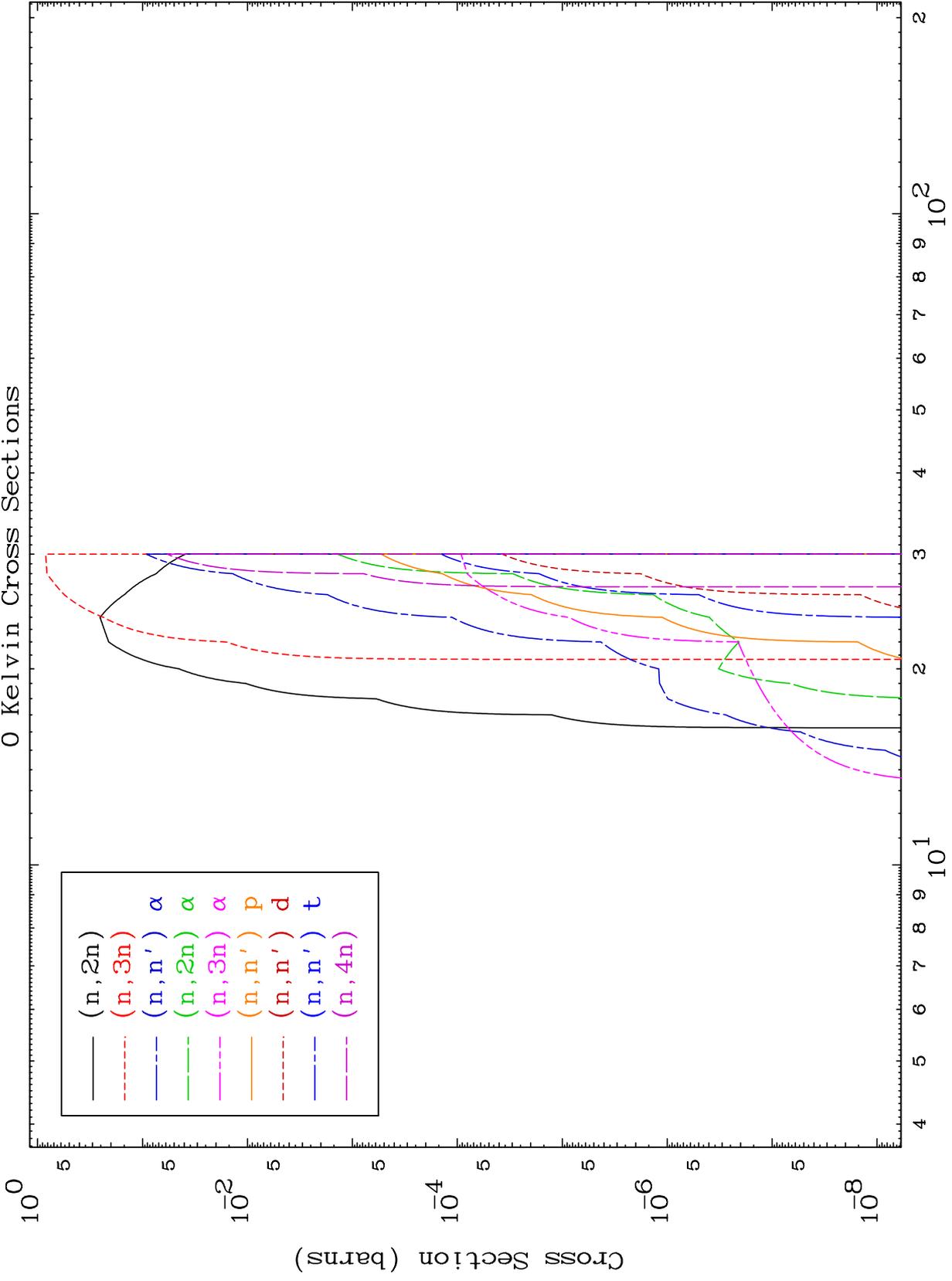
Incident Energy (MeV)

83-Bi-216

MAT 8346

α Neutron Absorption
0 Kelvin Cross Sections

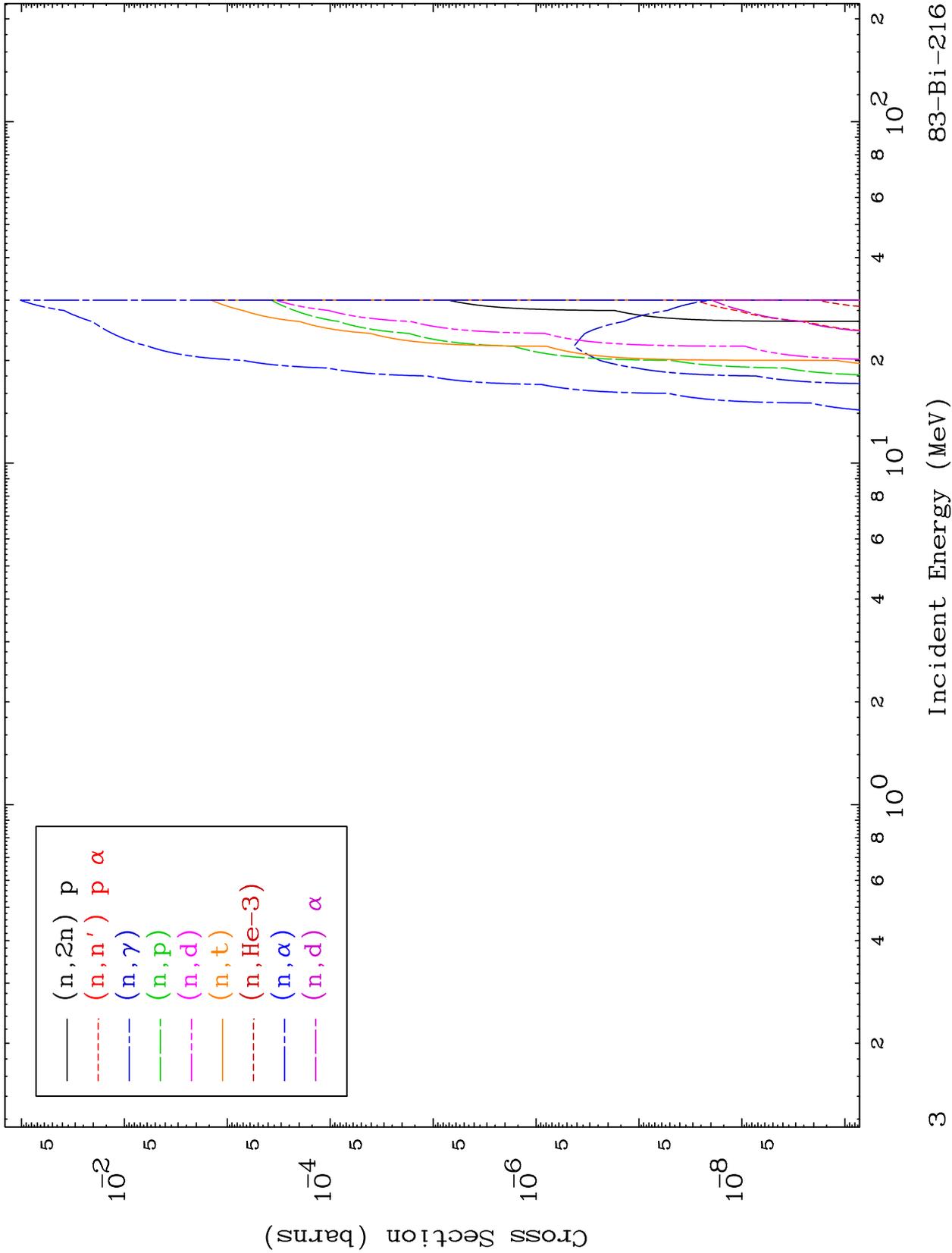
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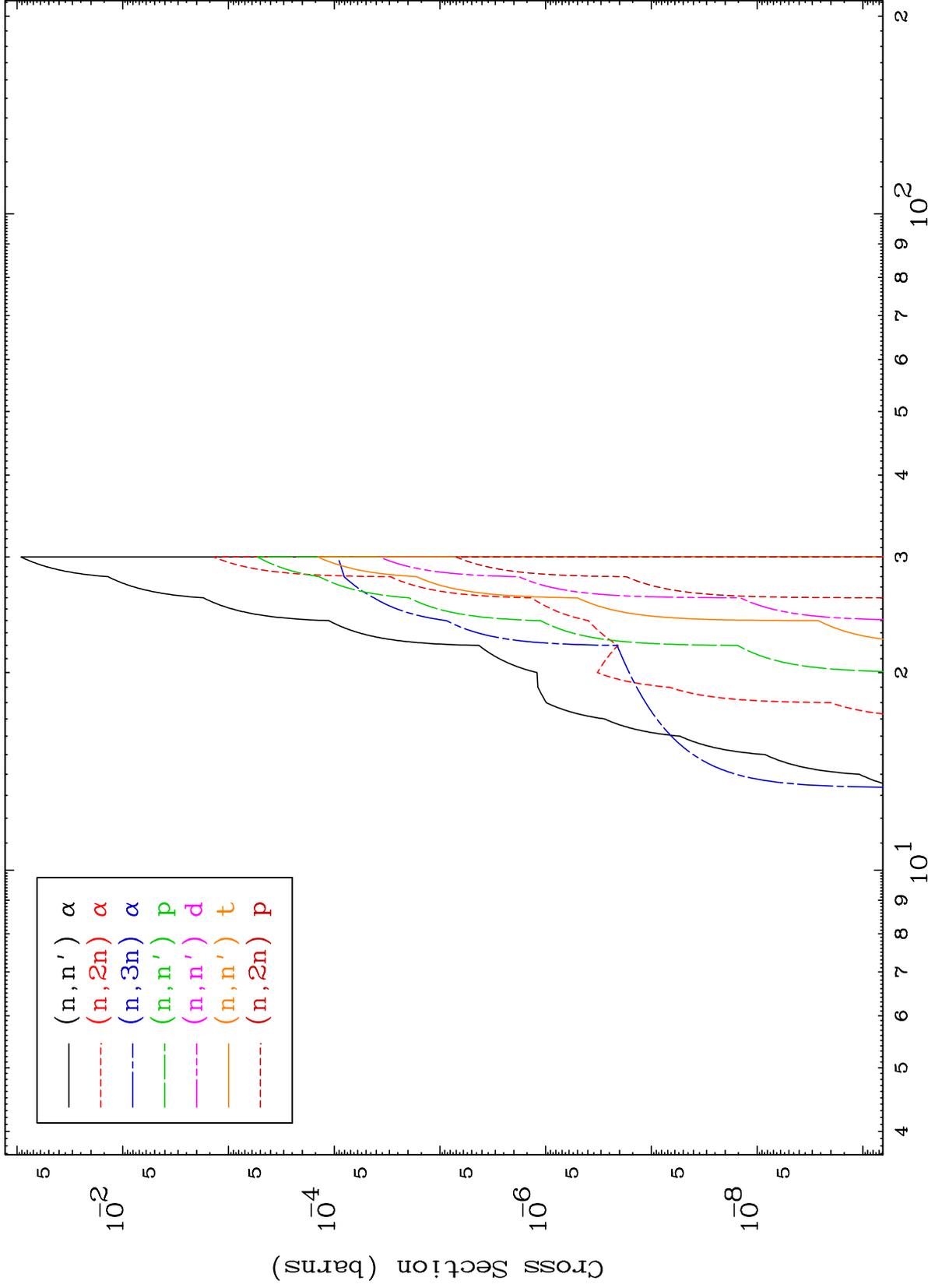
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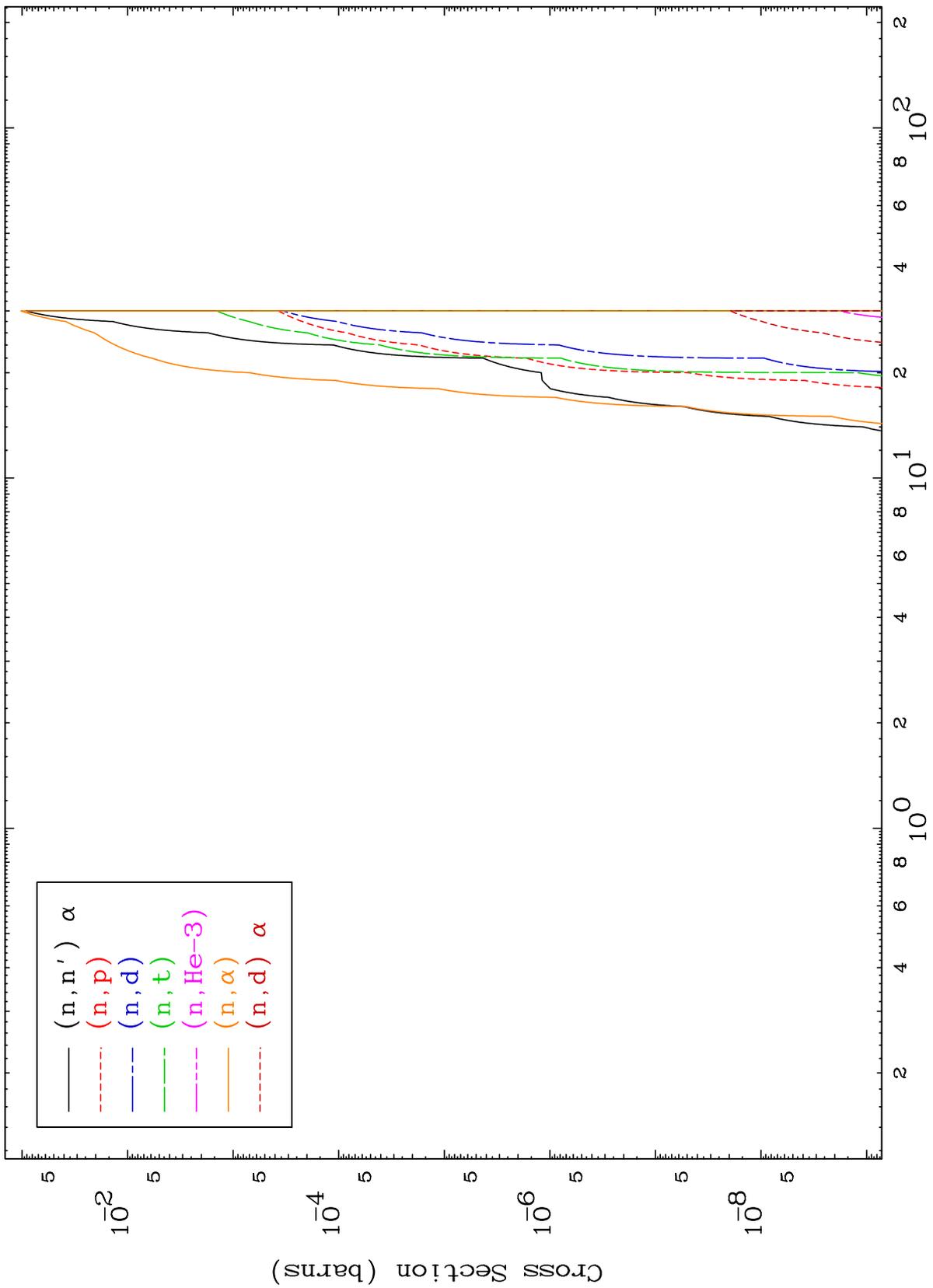
Incident Energy (MeV)

83-Bi-216



0 Kelvin Cross Sections

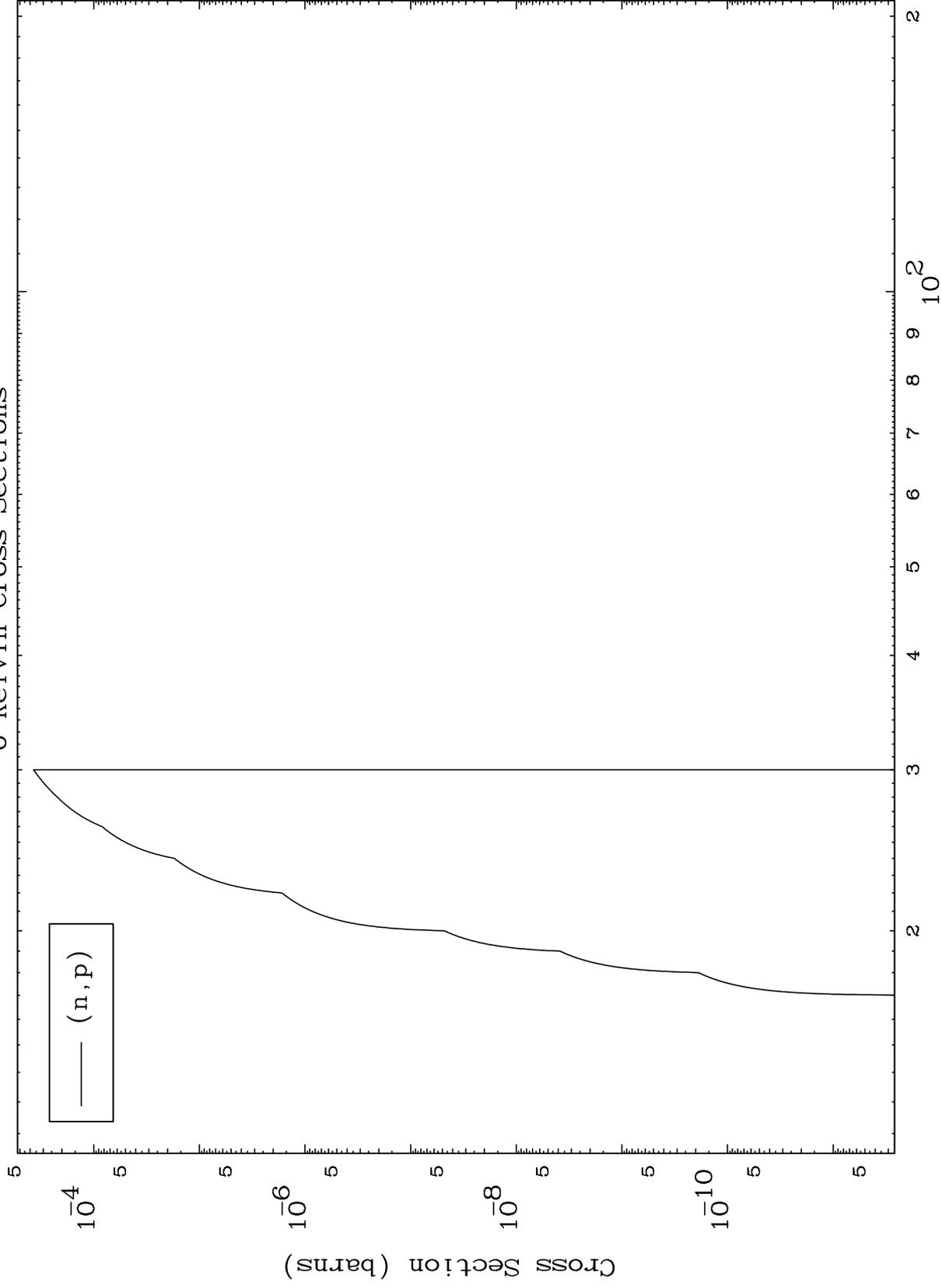




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(α, p) Levels
0 Kelvin Cross Sections

83-Bi-216



Incident Energy (MeV)

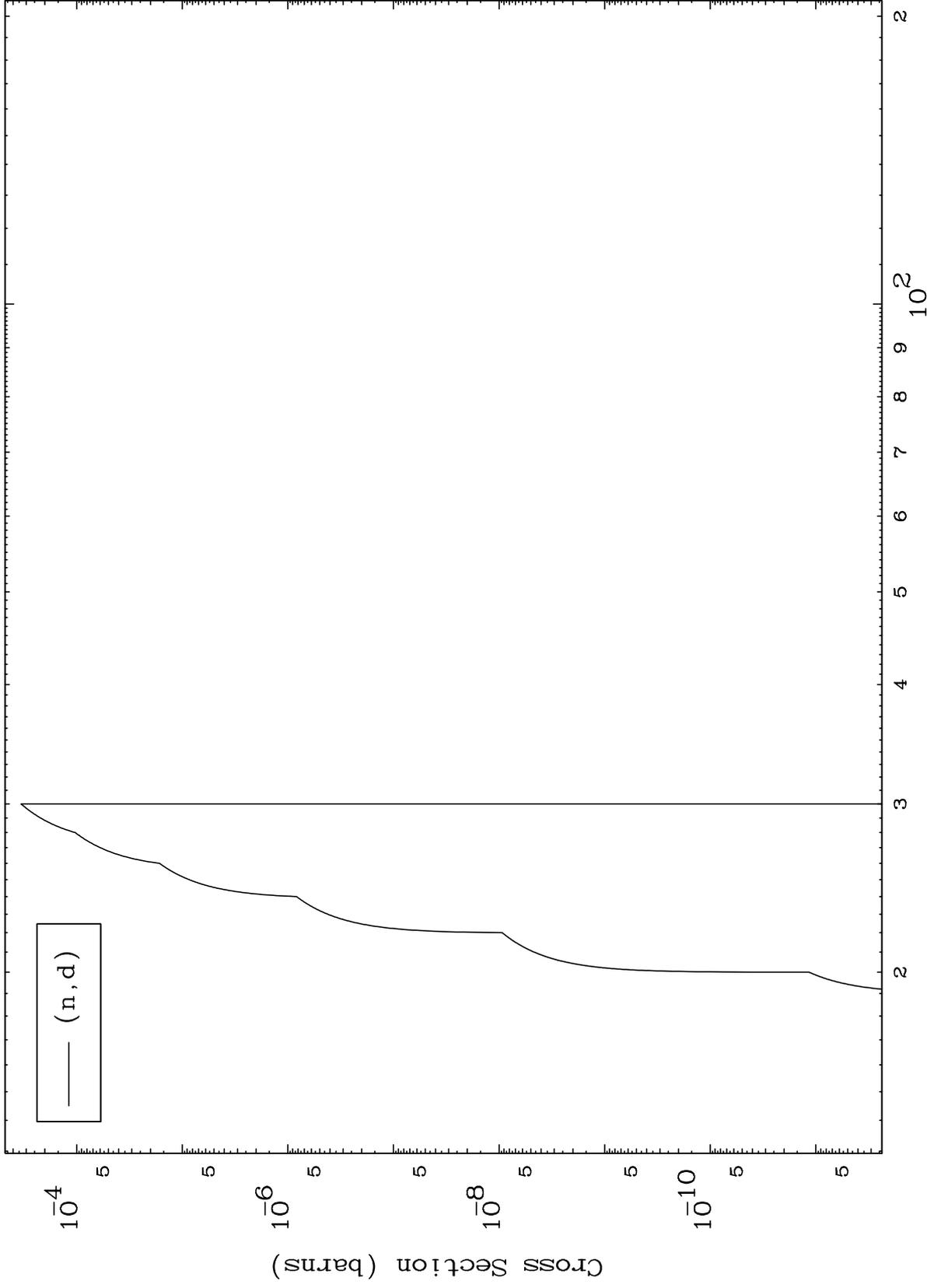
83-Bi-216

6

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(α, d) Levels
0 Kelvin Cross Sections

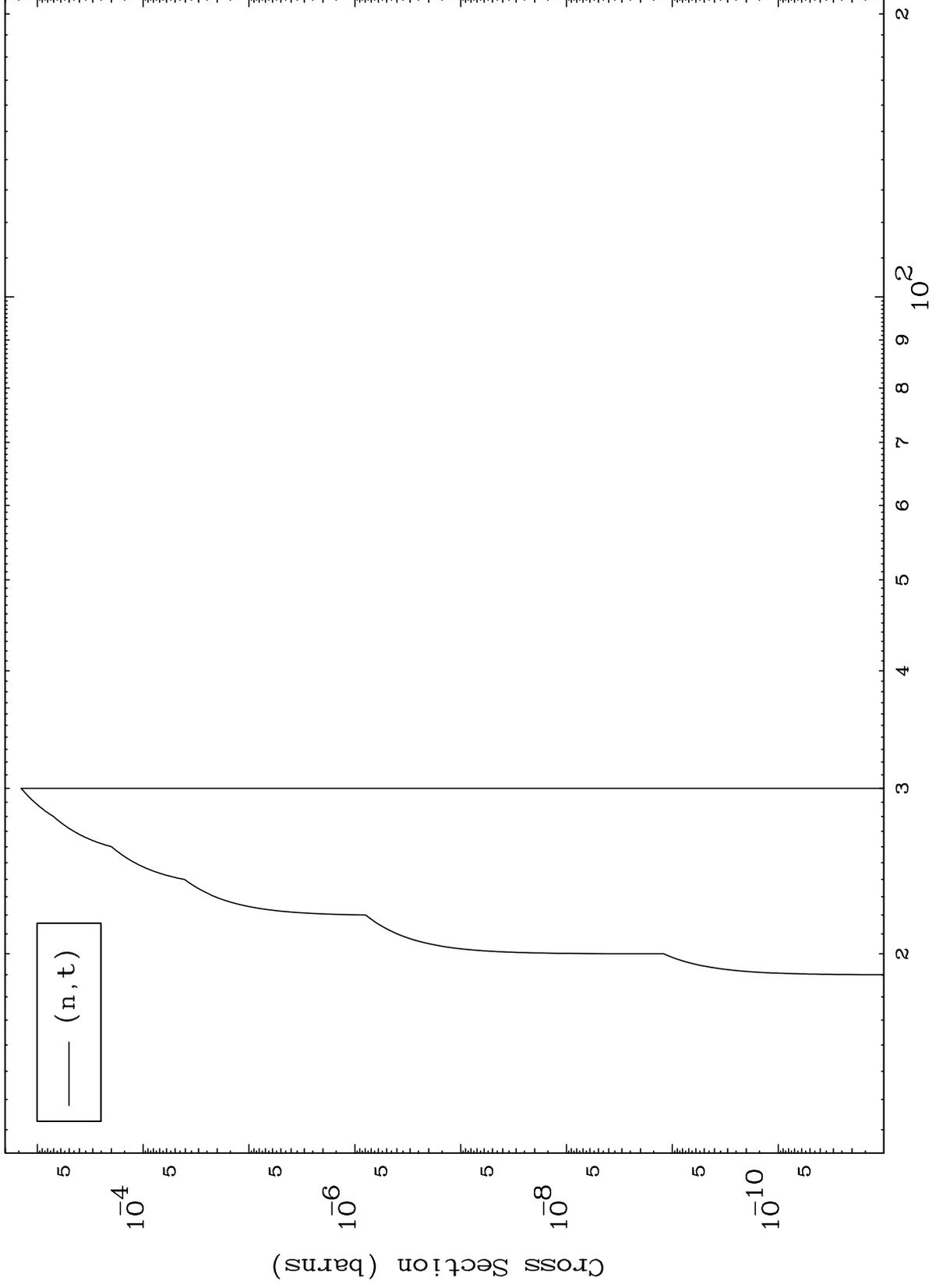
83-Bi-216



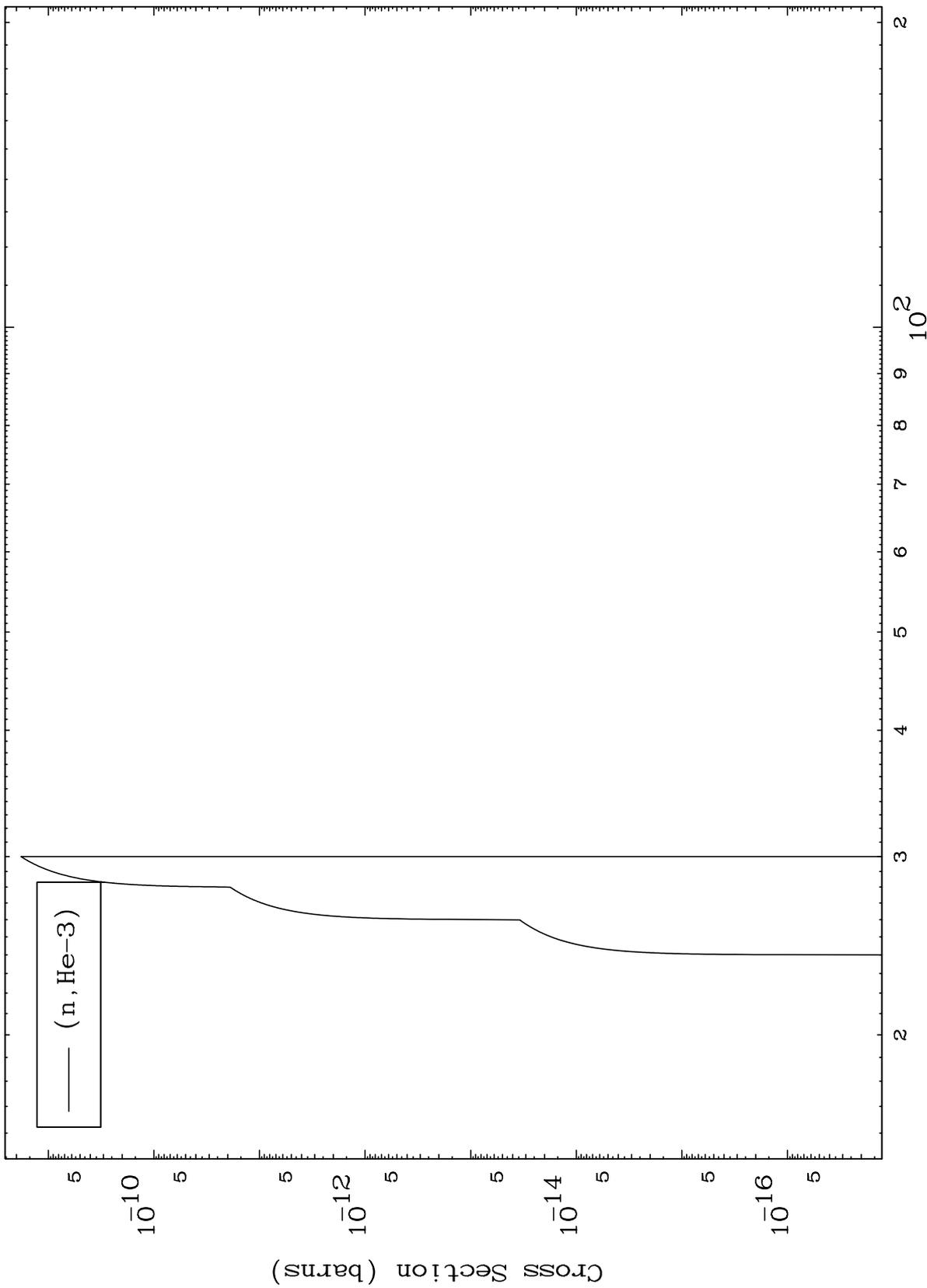
7

Incident Energy (MeV)

83-Bi-216



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

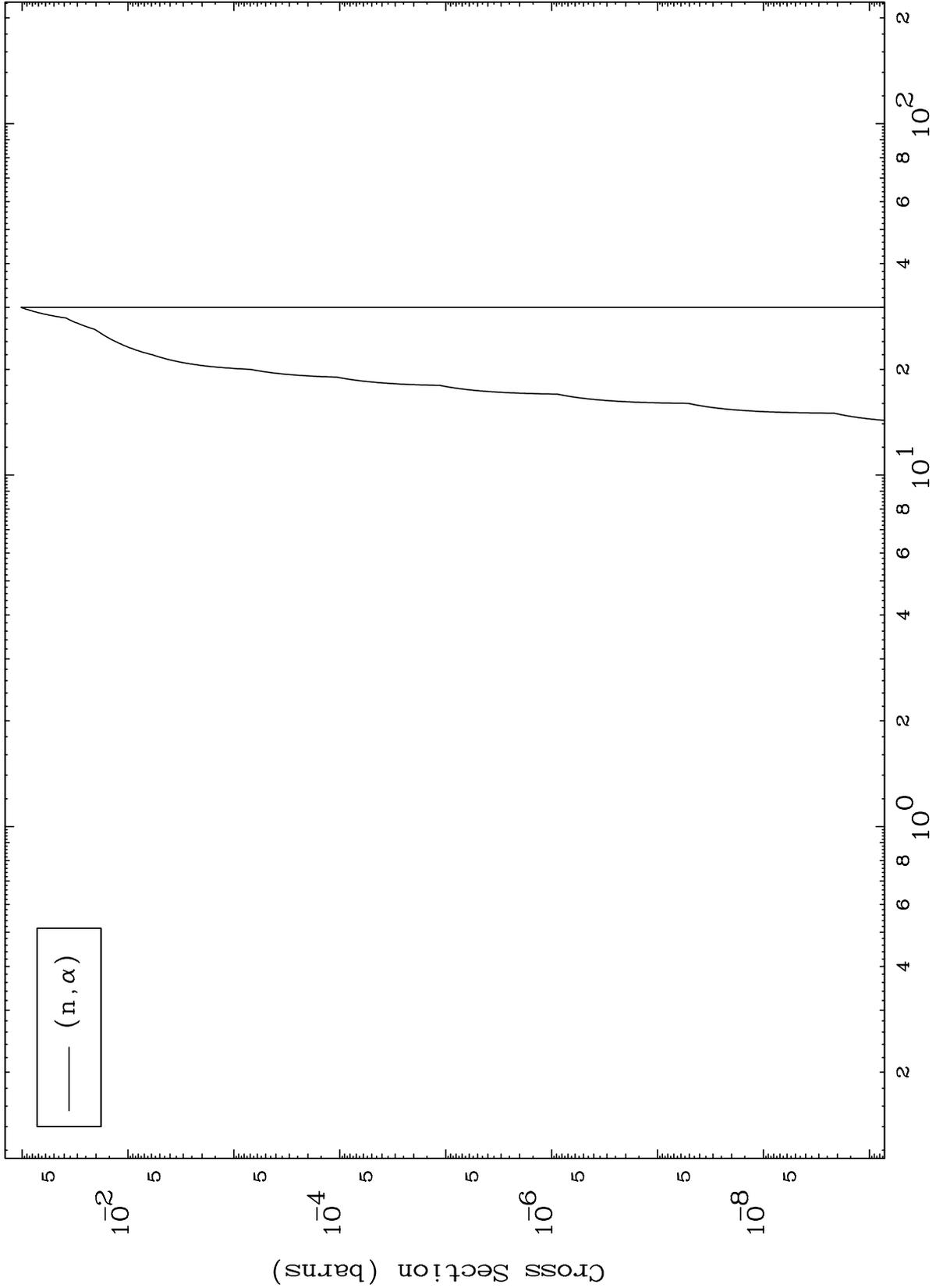


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(α, α) Levels

83-Bi-216

0 Kelvin Cross Sections



10

Incident Energy (MeV)

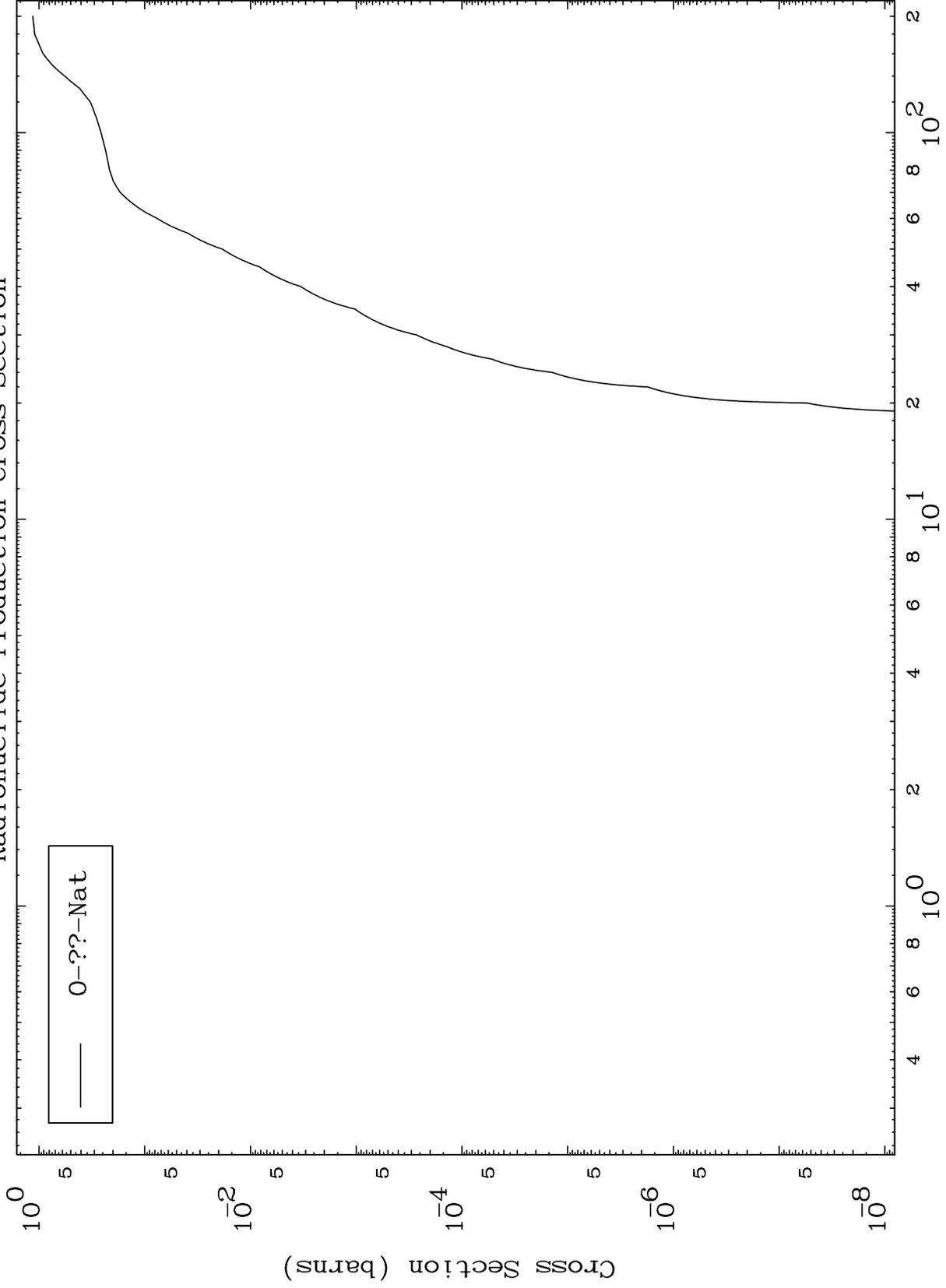
83-Bi-216

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Fission

83-Bi-216

Radionuclide Production Cross Section

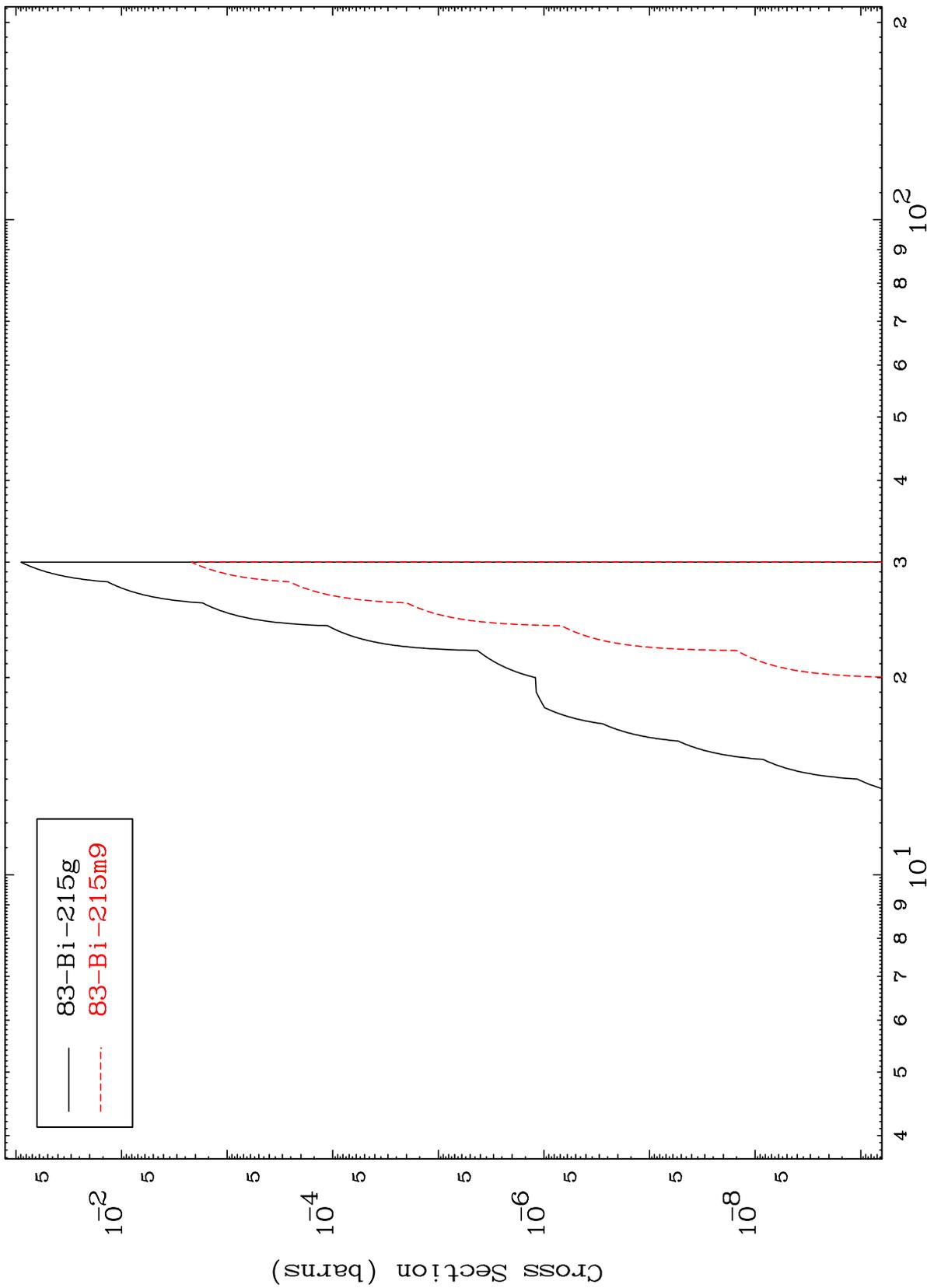


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$(n, n') \alpha$

83-Bi-216

Radionuclide Production Cross Section



12

Incident Energy (MeV)

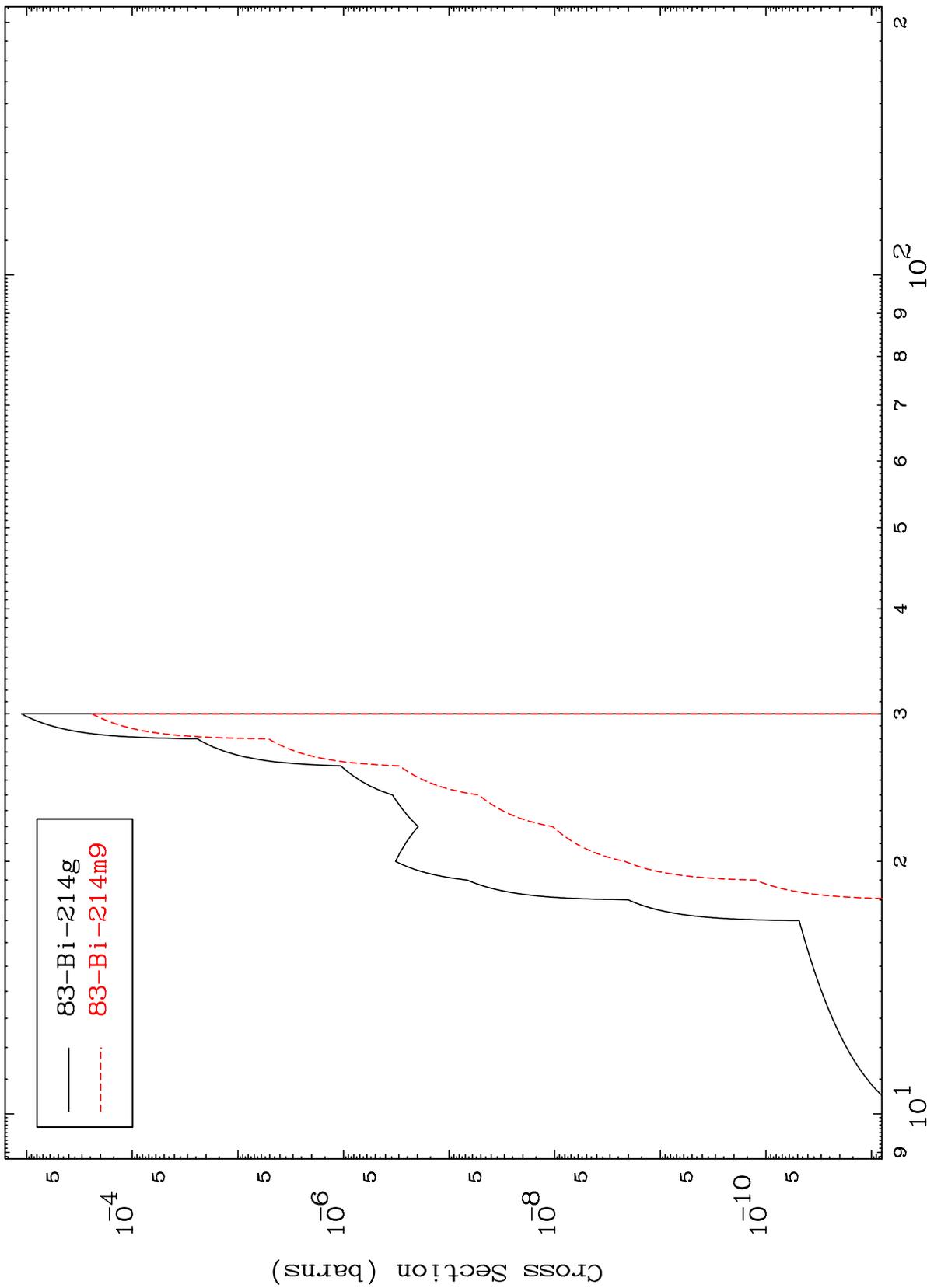
83-Bi-216

MAT 8346

$(n,2n) \alpha$

83-Bi-216

Radionuclide Production Cross Section



13

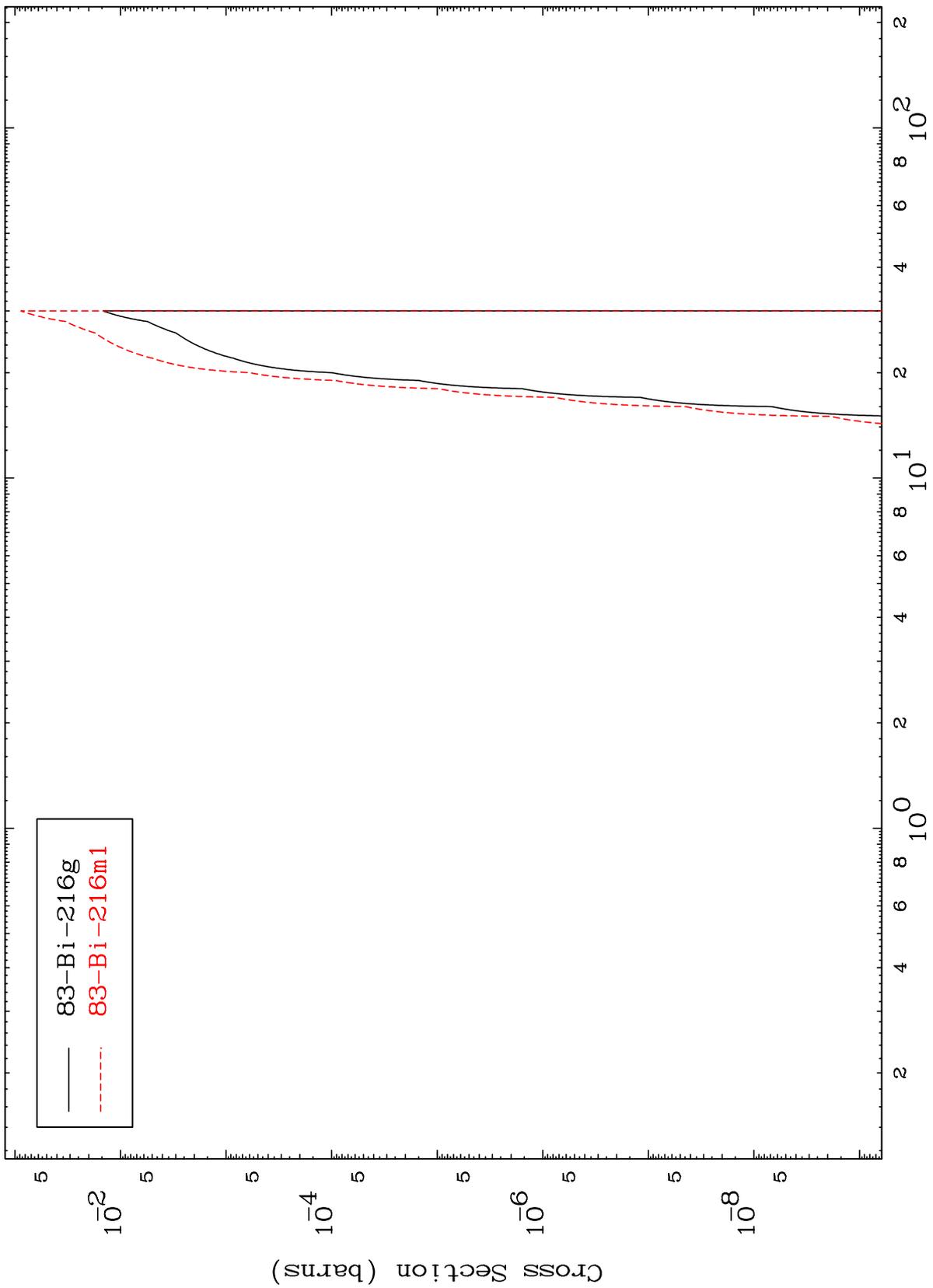
Incident Energy (MeV)

83-Bi-216

MAT 8346

83-Bi-216

(n, α)
Radionuclide Production Cross Section



83-Bi-216g
83-Bi-216m1

83-Bi-216

Incident Energy (MeV)

14