

Program EVALPLOT
(Version 2021-1)

by

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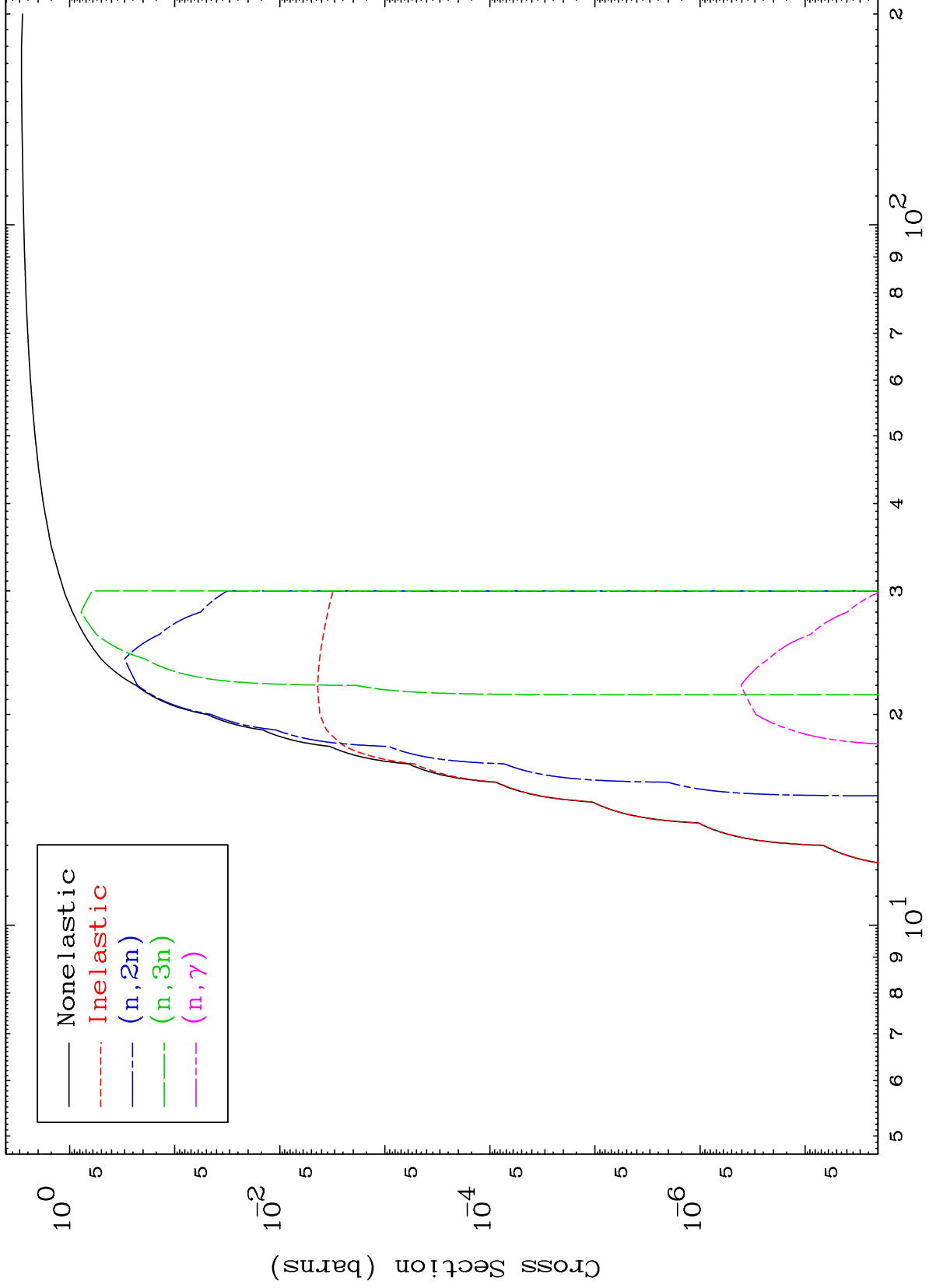
Press Mouse Button to Start

MAT 8344

0 Kelvin Cross Sections

α Major

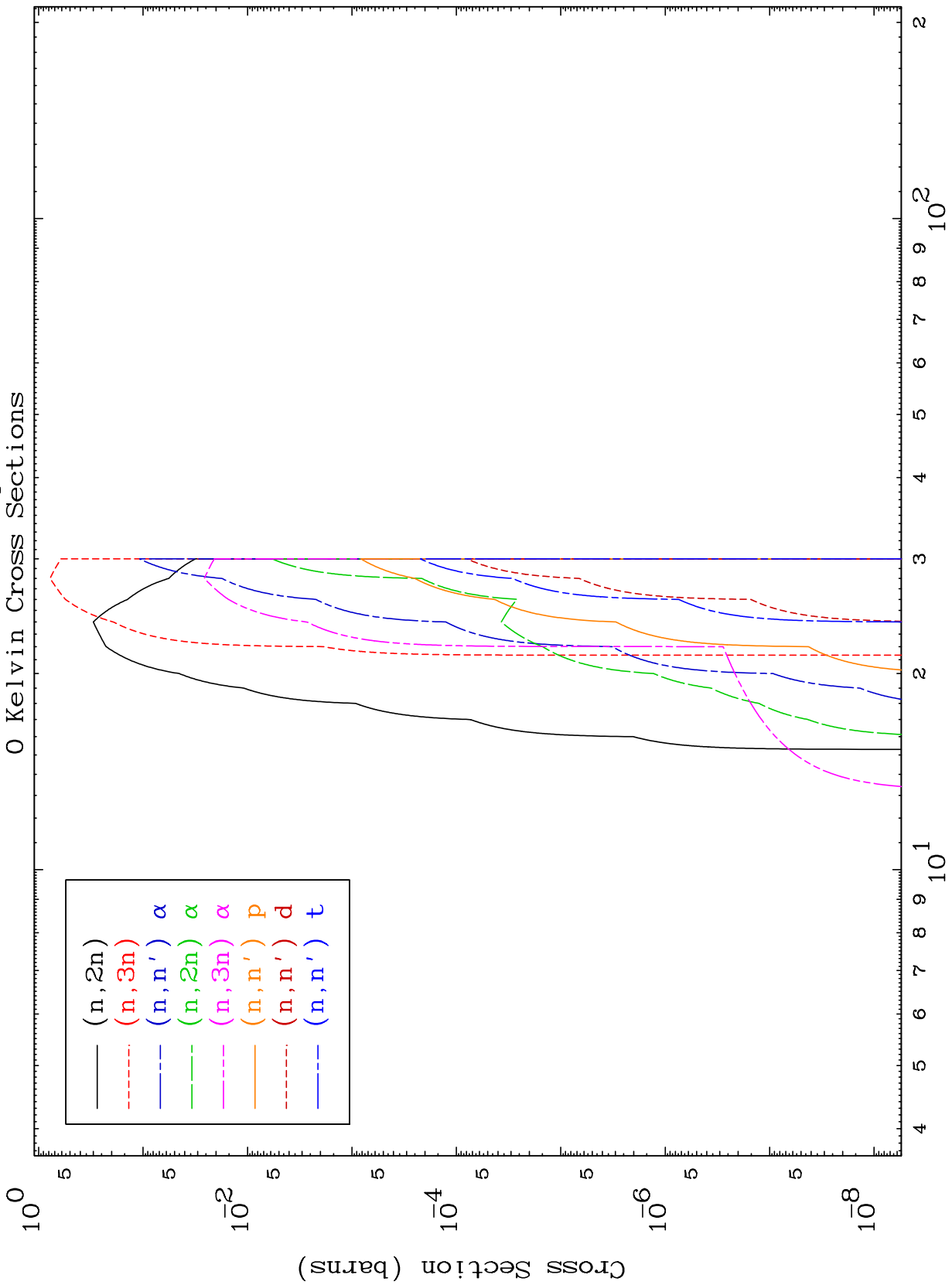
$^{83}\text{Bi}-215\text{m}$



MAT 8344

α Neutron Absorption
0 Kelvin Cross Sections

83-Bi-215m



Incident Energy (MeV)

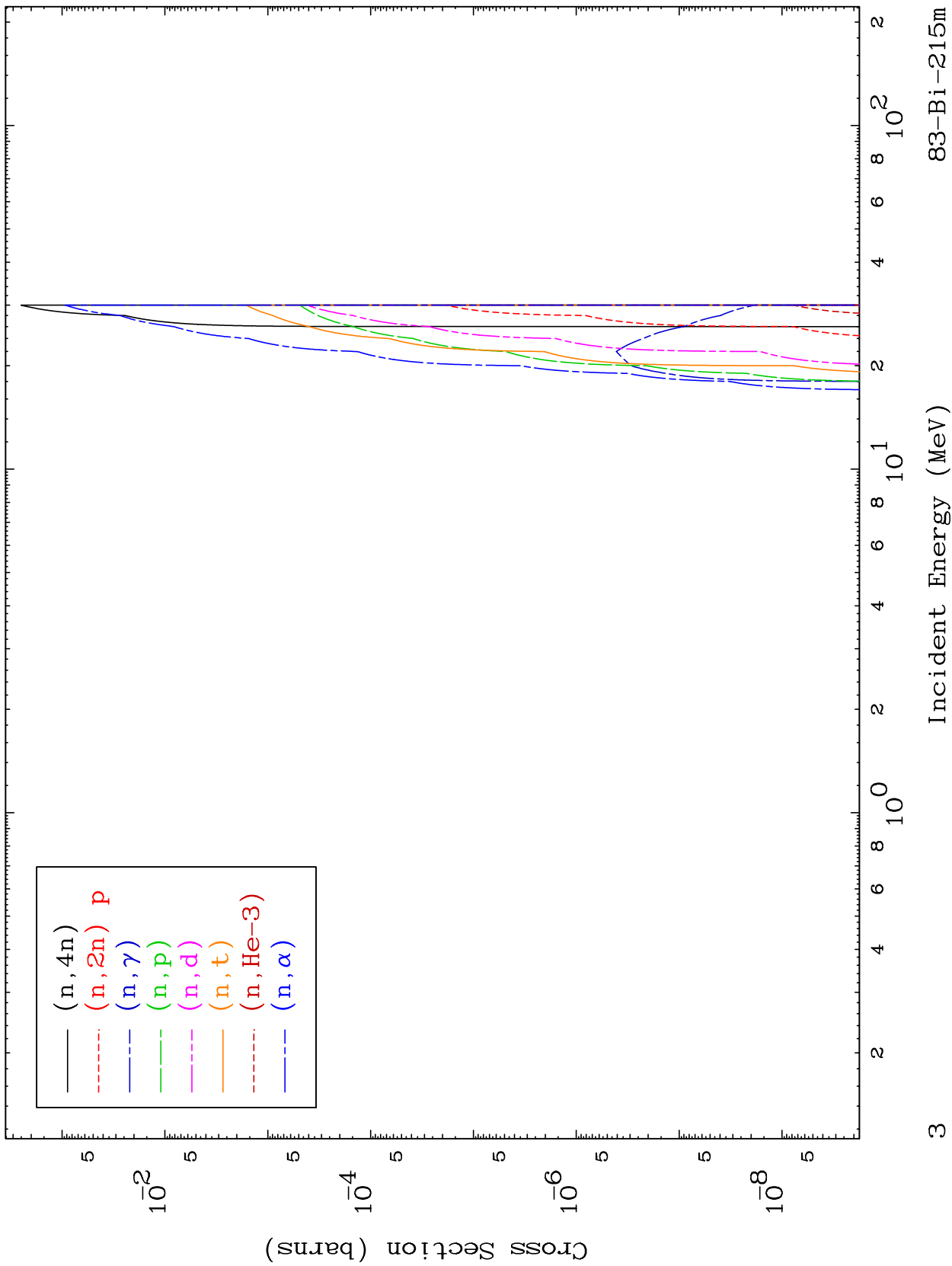
83-Bi-215m

2

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α Neutron Absorption
0 Kelvin Cross Sections

$^{83}\text{Bi}-215\text{m}$

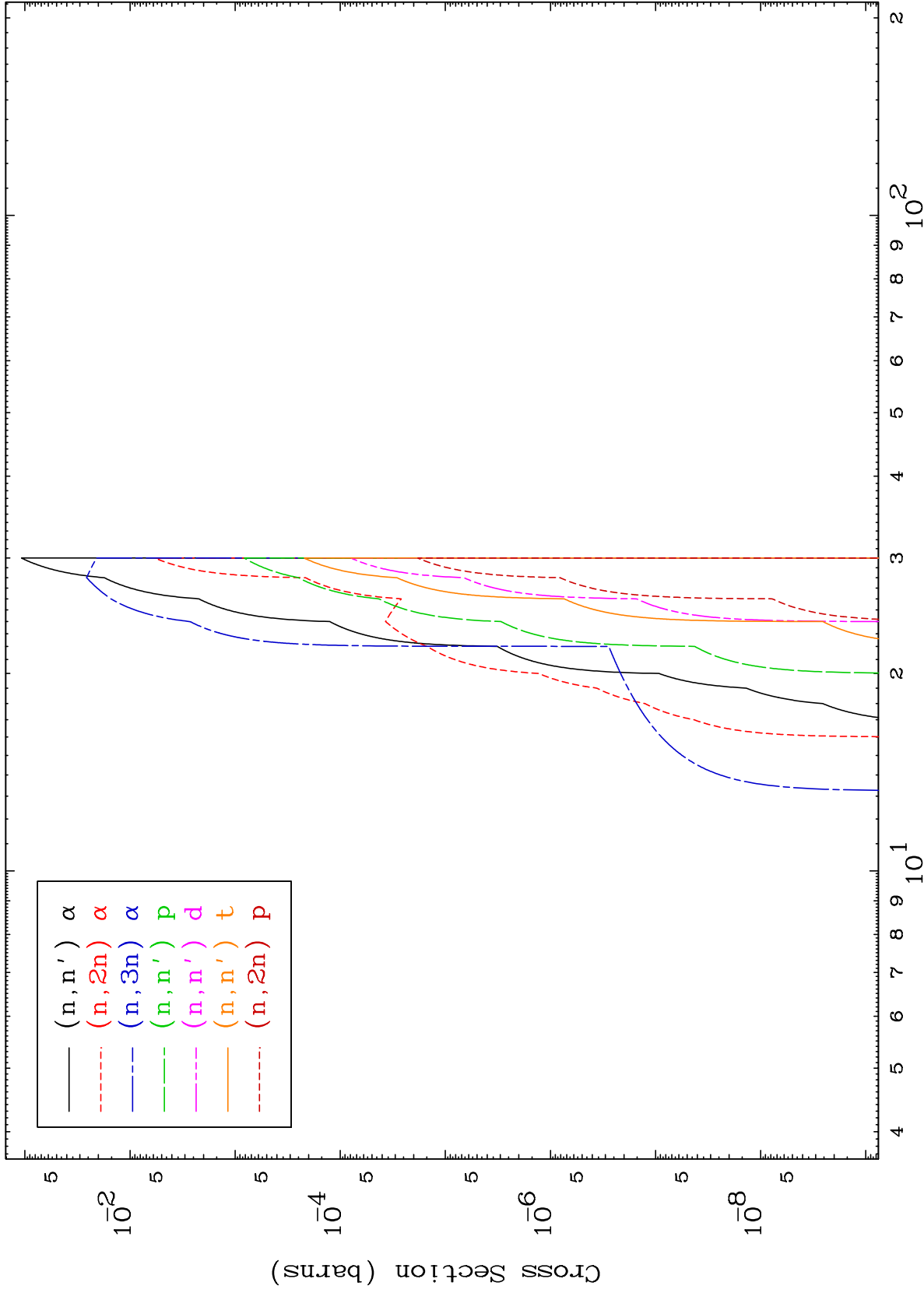


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α Charged Particle

83-Bi-215m

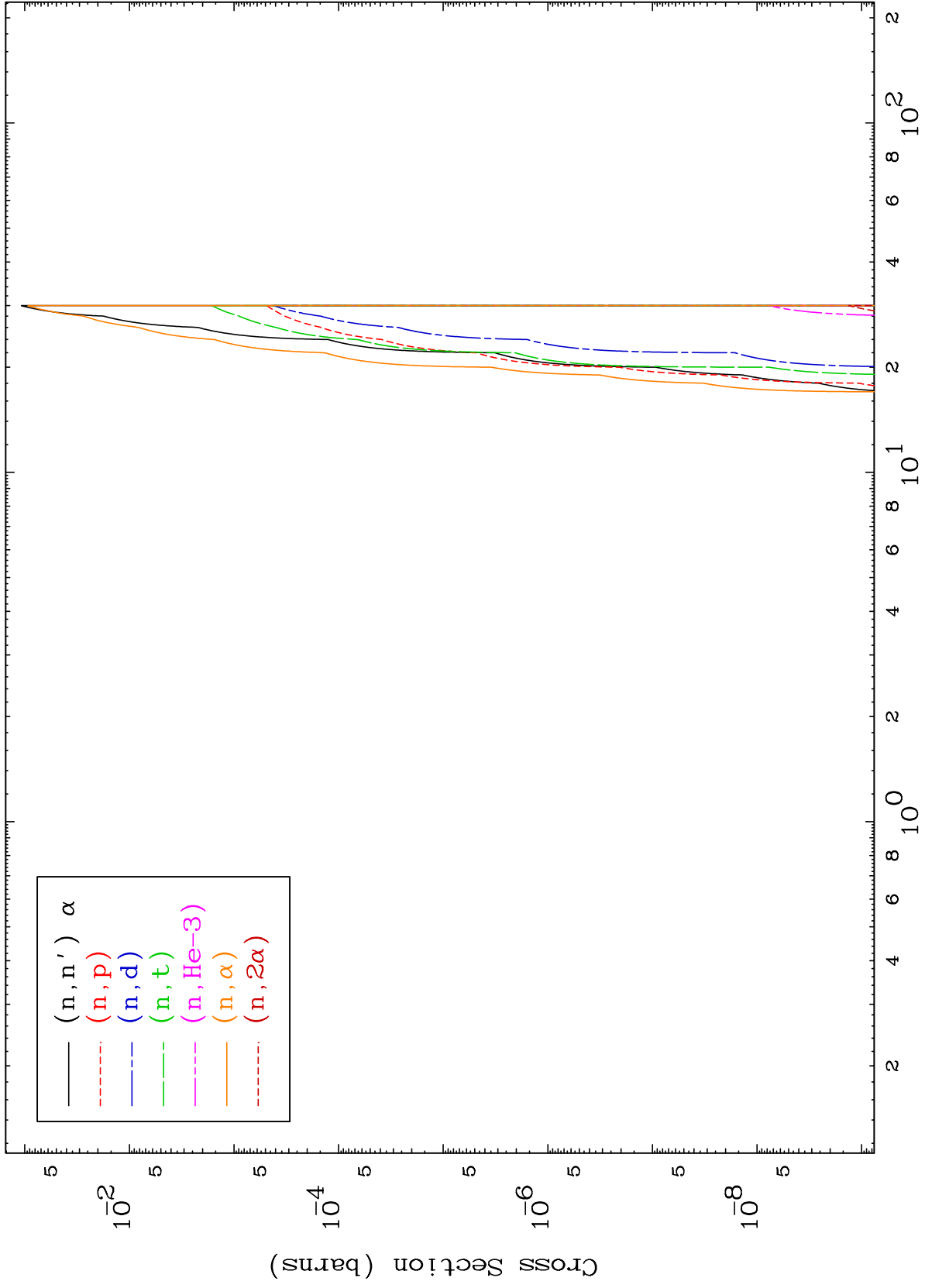
0 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-215m

4

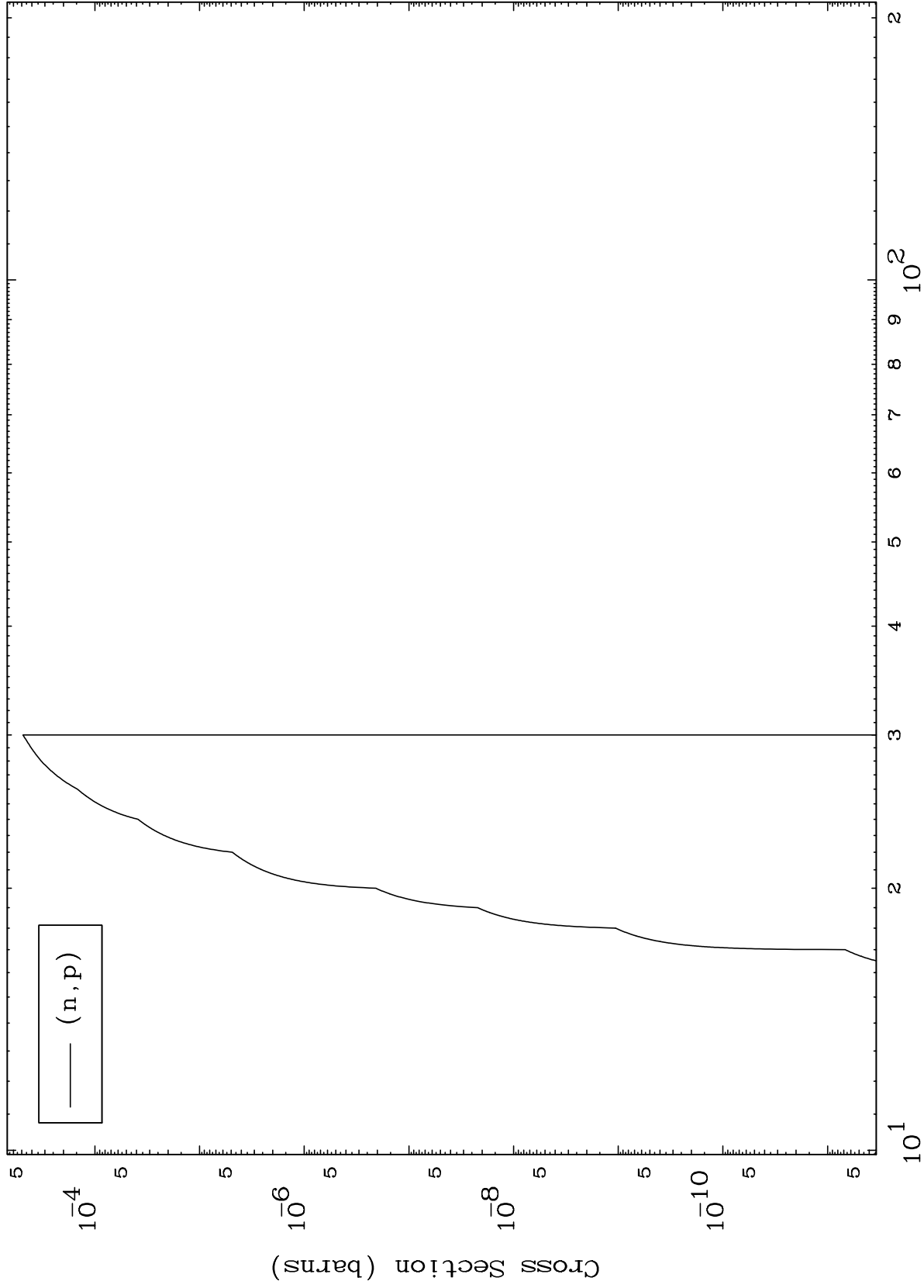


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(α, p) Levels

$^{83}\text{Bi}-215\text{m}$

0 Kelvin Cross Sections



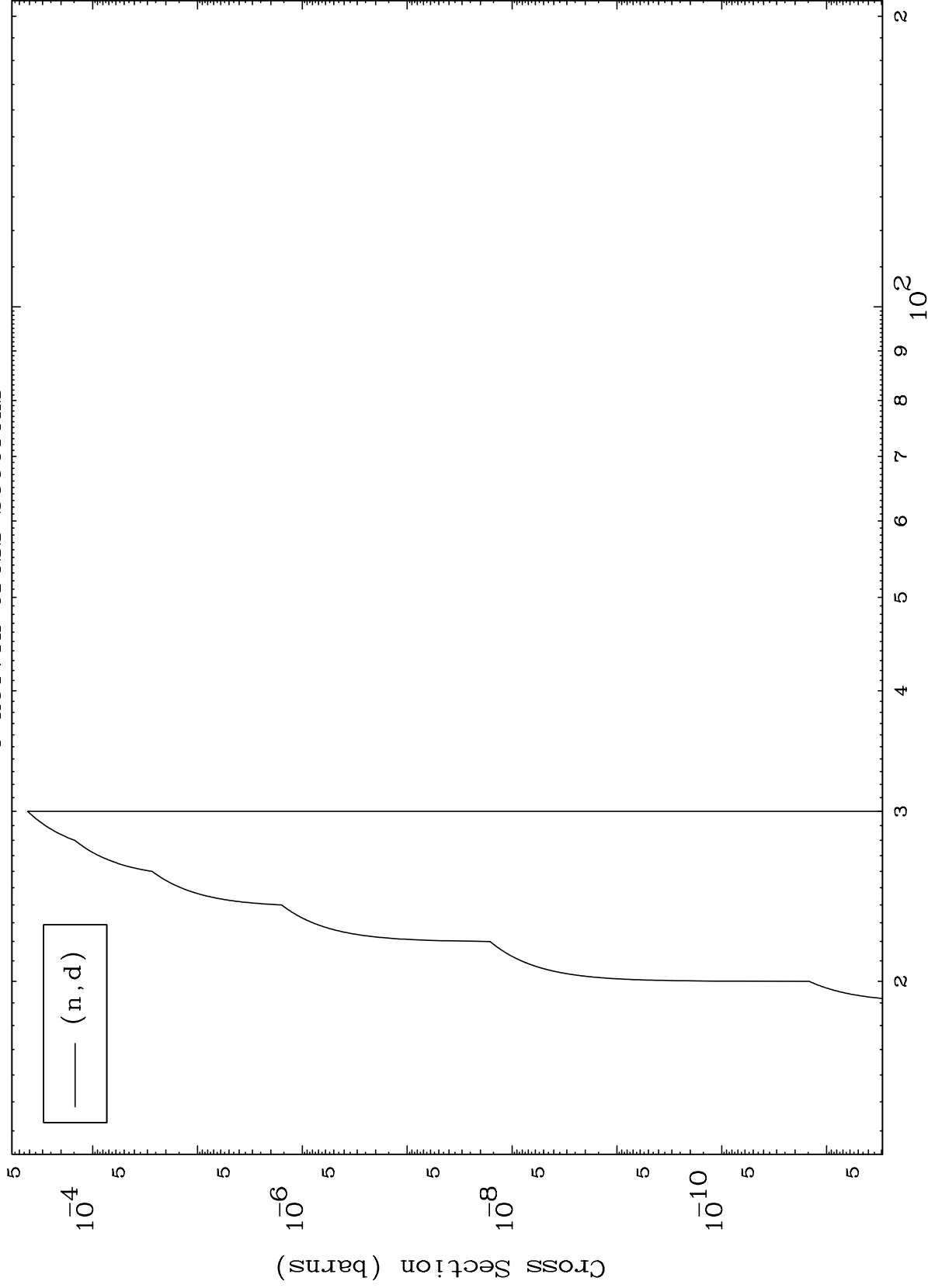
Incident Energy (MeV)

$^{83}\text{Bi}-215\text{m}$

MAT 8344

(α, d) Levels
0 Kelvin Cross Sections

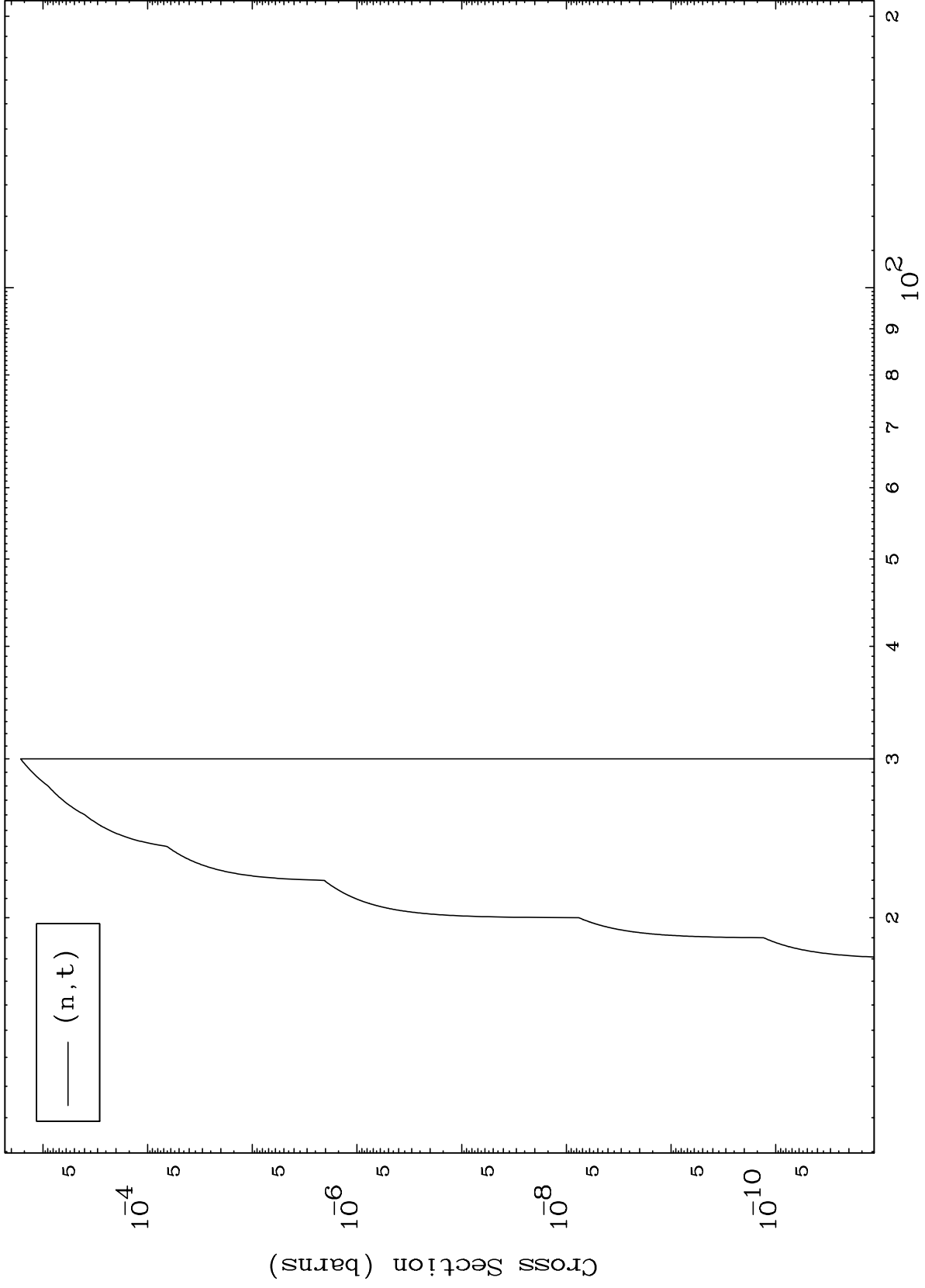
$^{83}\text{Bi}-215\text{m}$



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(α, t) Levels
0 Kelvin Cross Sections

83-Bi-215m

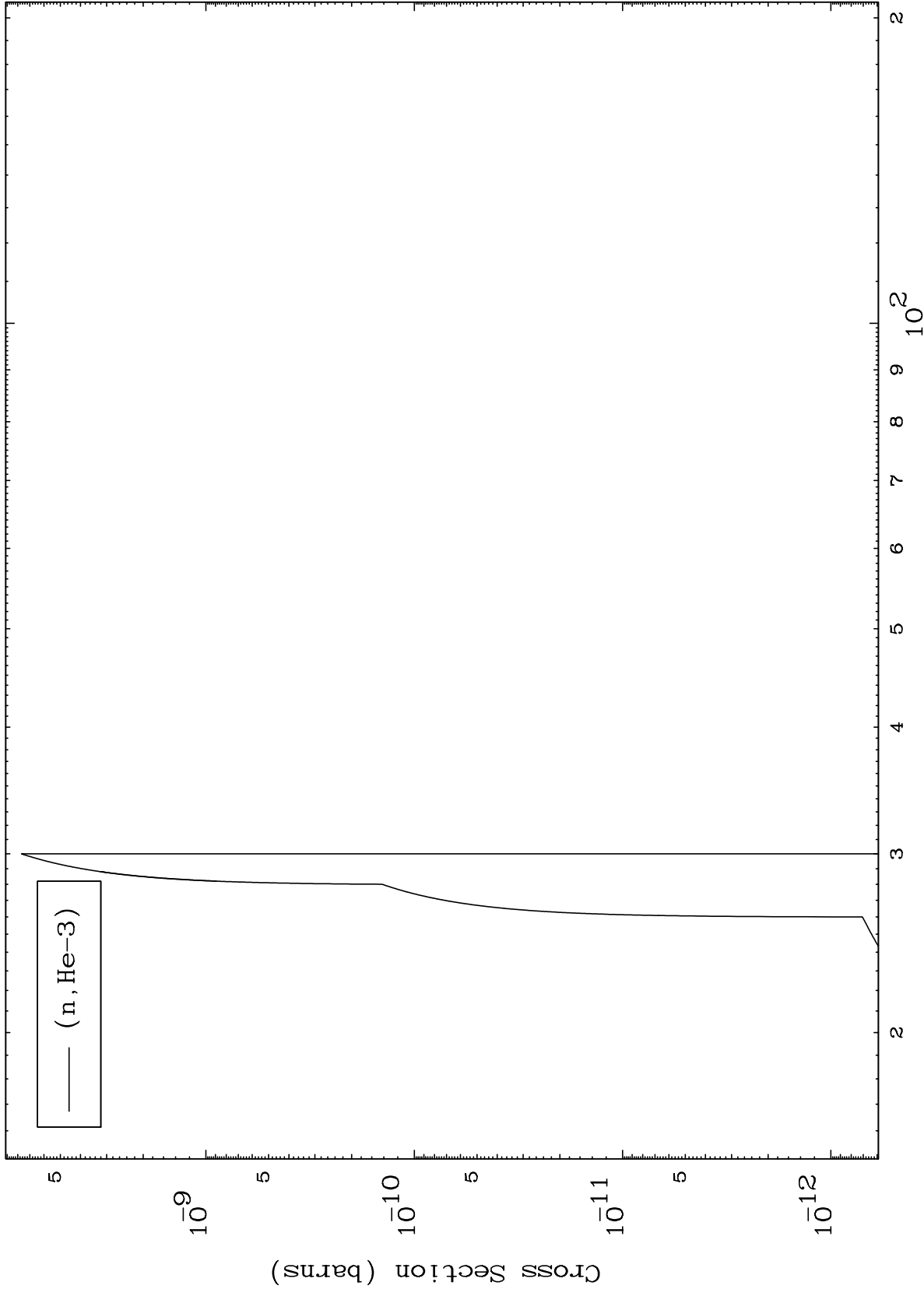


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($\alpha, \text{He3}$) Levels

$^{83}\text{Bi}-215\text{m}$

0 Kelvin Cross Sections

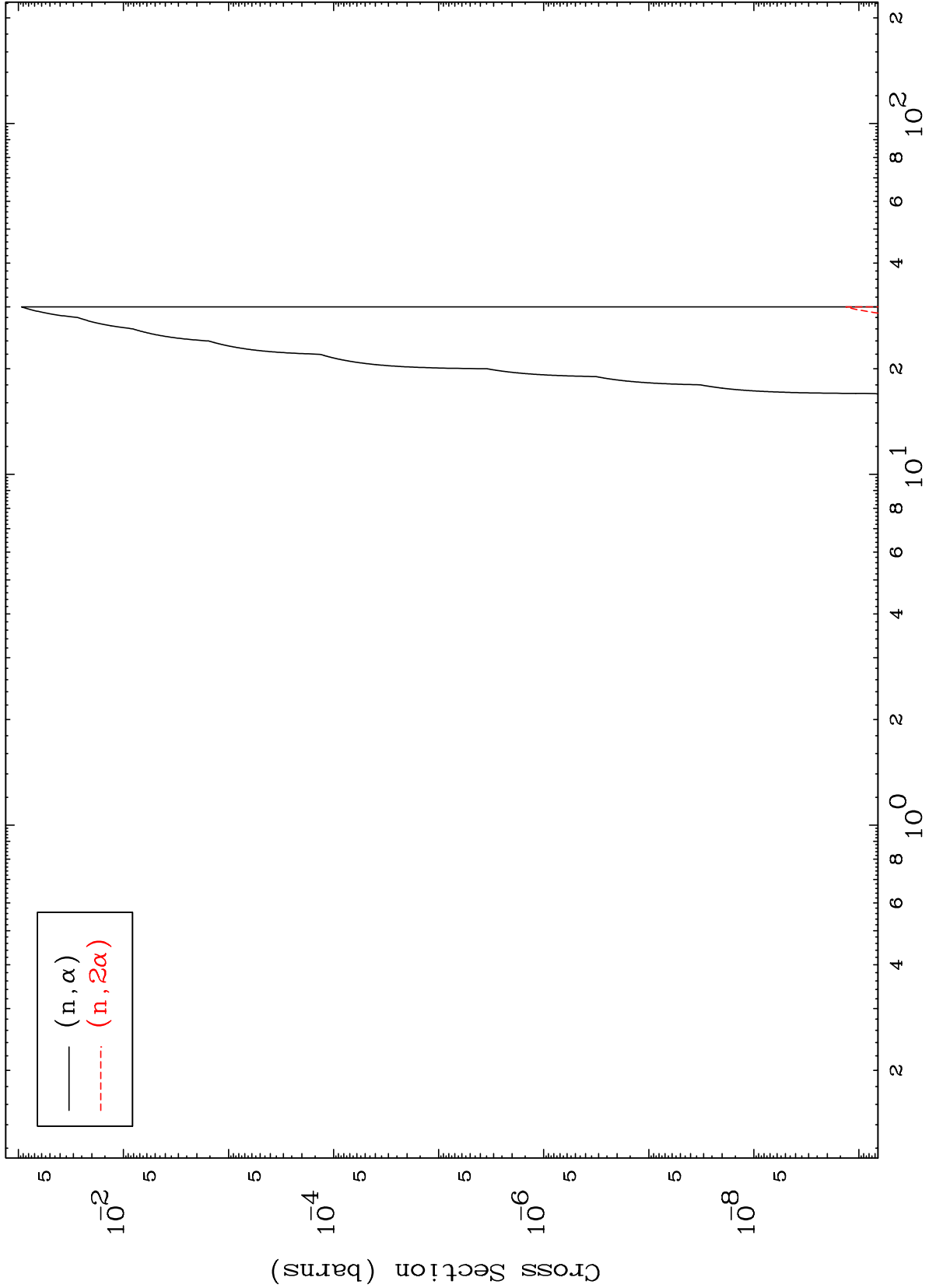


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(α, α) Levels

83-Bi-215m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

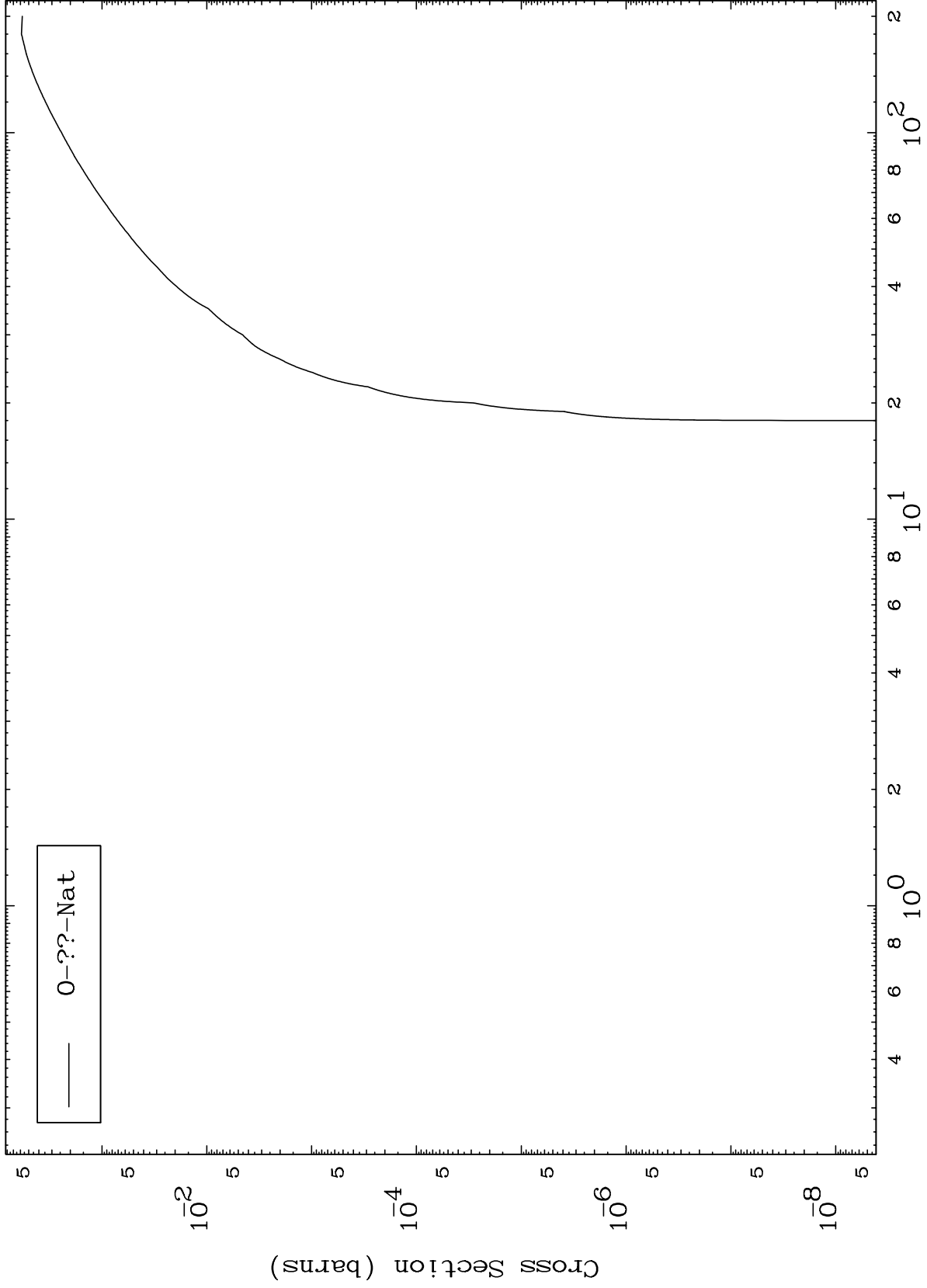
83-Bi-215m

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Fission

⁸³Bi-215m

Radionuclide Production Cross Section

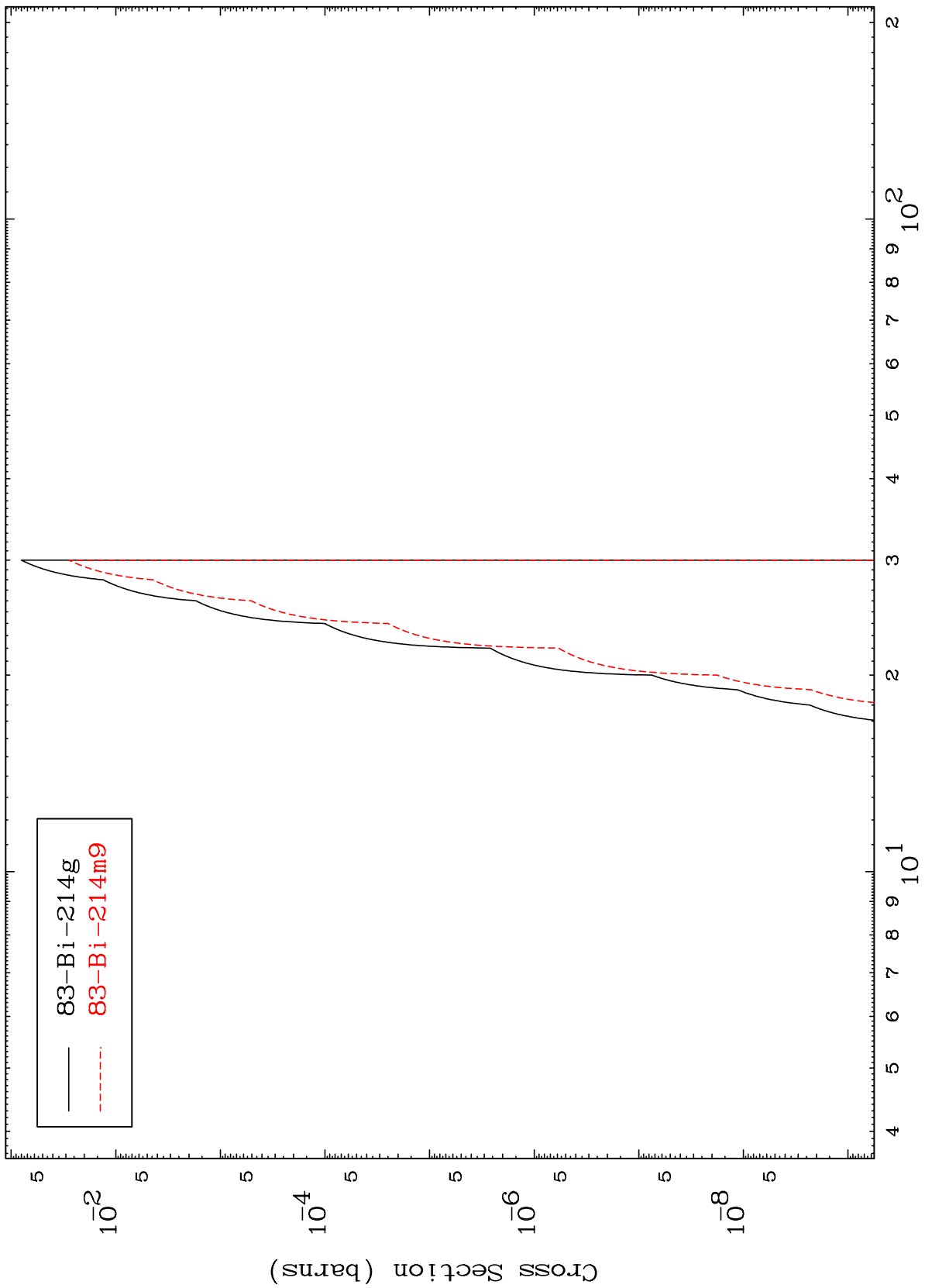


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$(n, n') \alpha$

$^{83}\text{Bi}-215\text{m}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

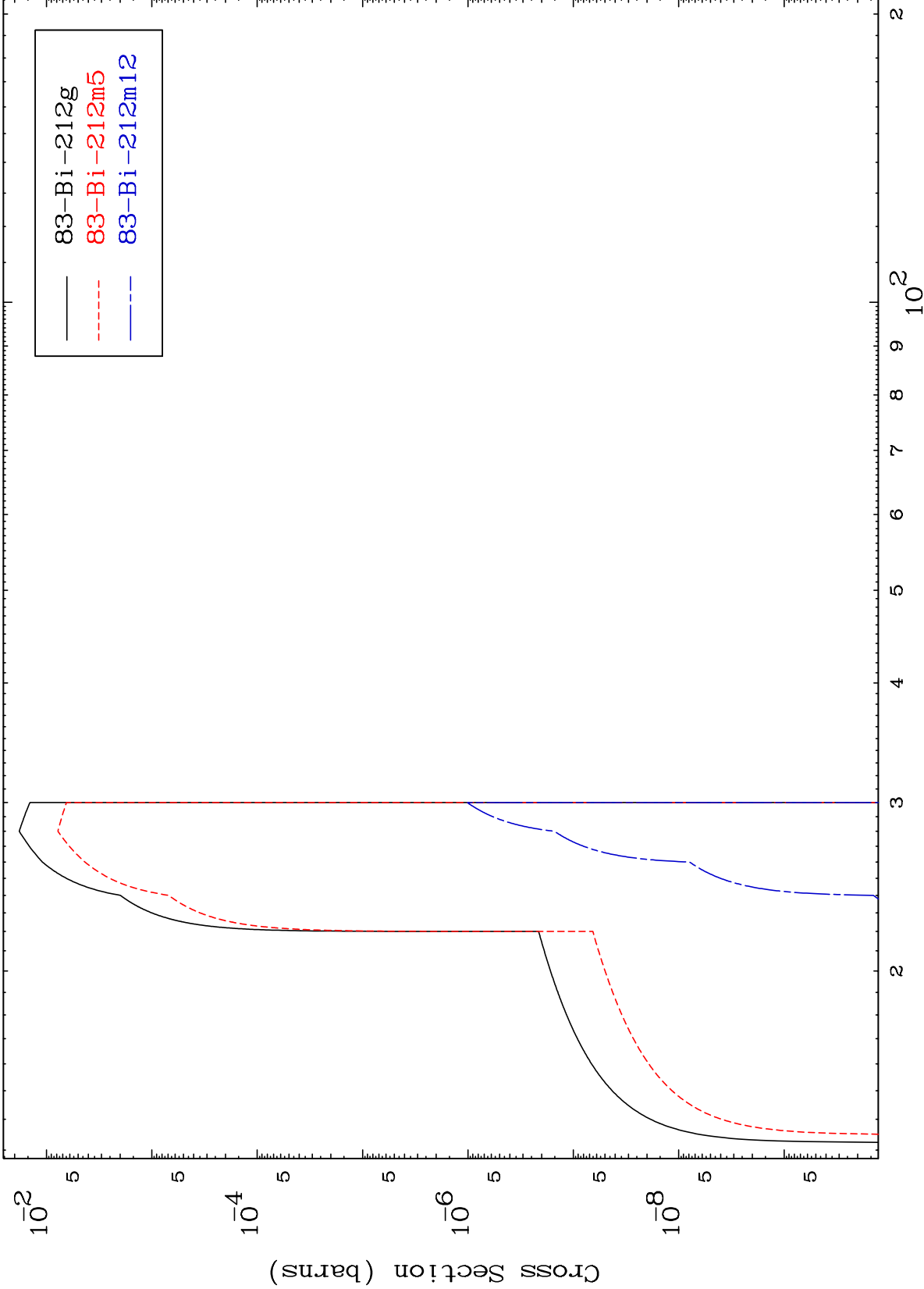
$^{83}\text{Bi}-215\text{m}$

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(n,3n) α

83-Bi-215m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

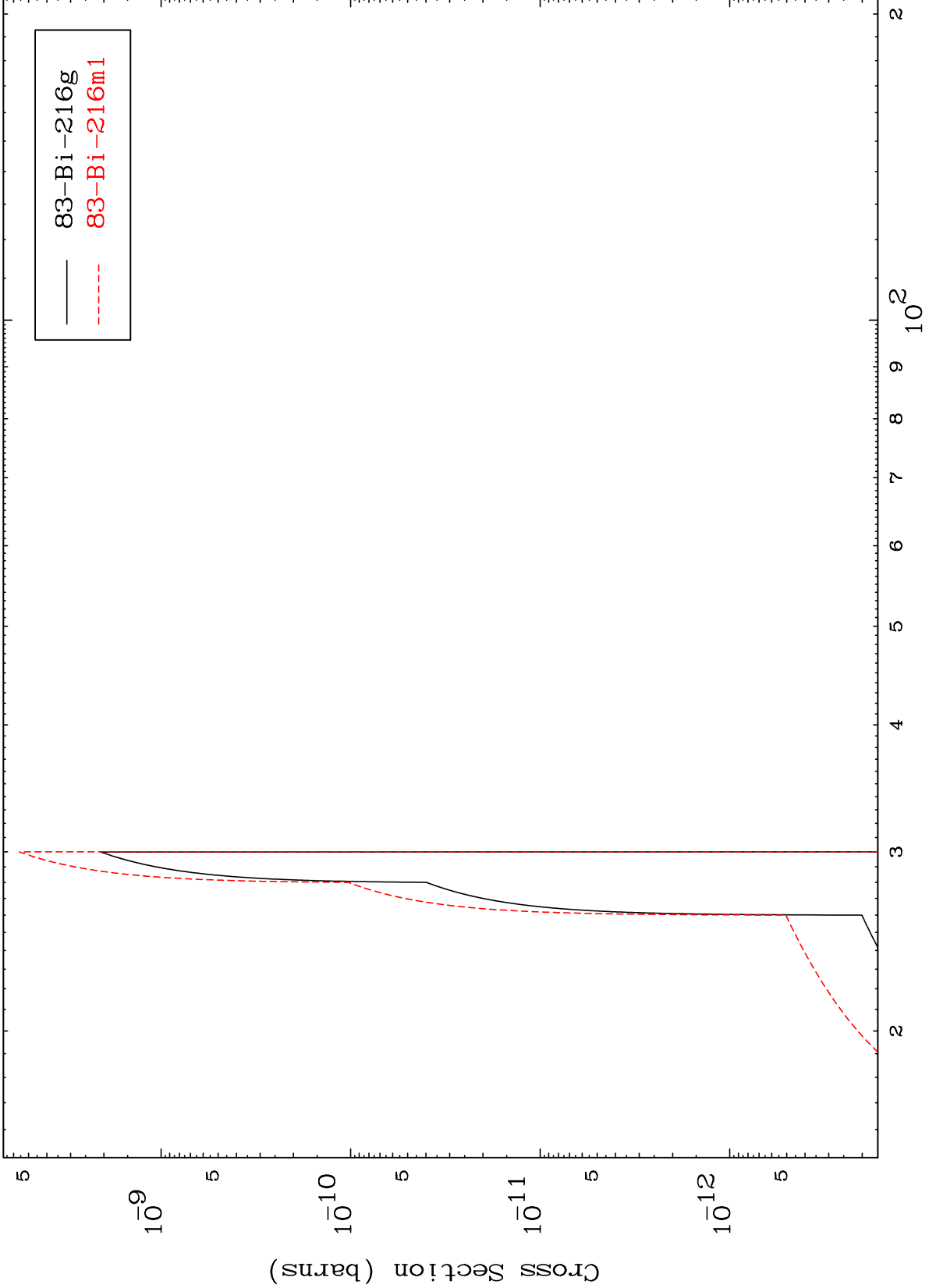
83-Bi-215m

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(n,He-3)

83-Bi-215m

Radionuclide Production Cross Section



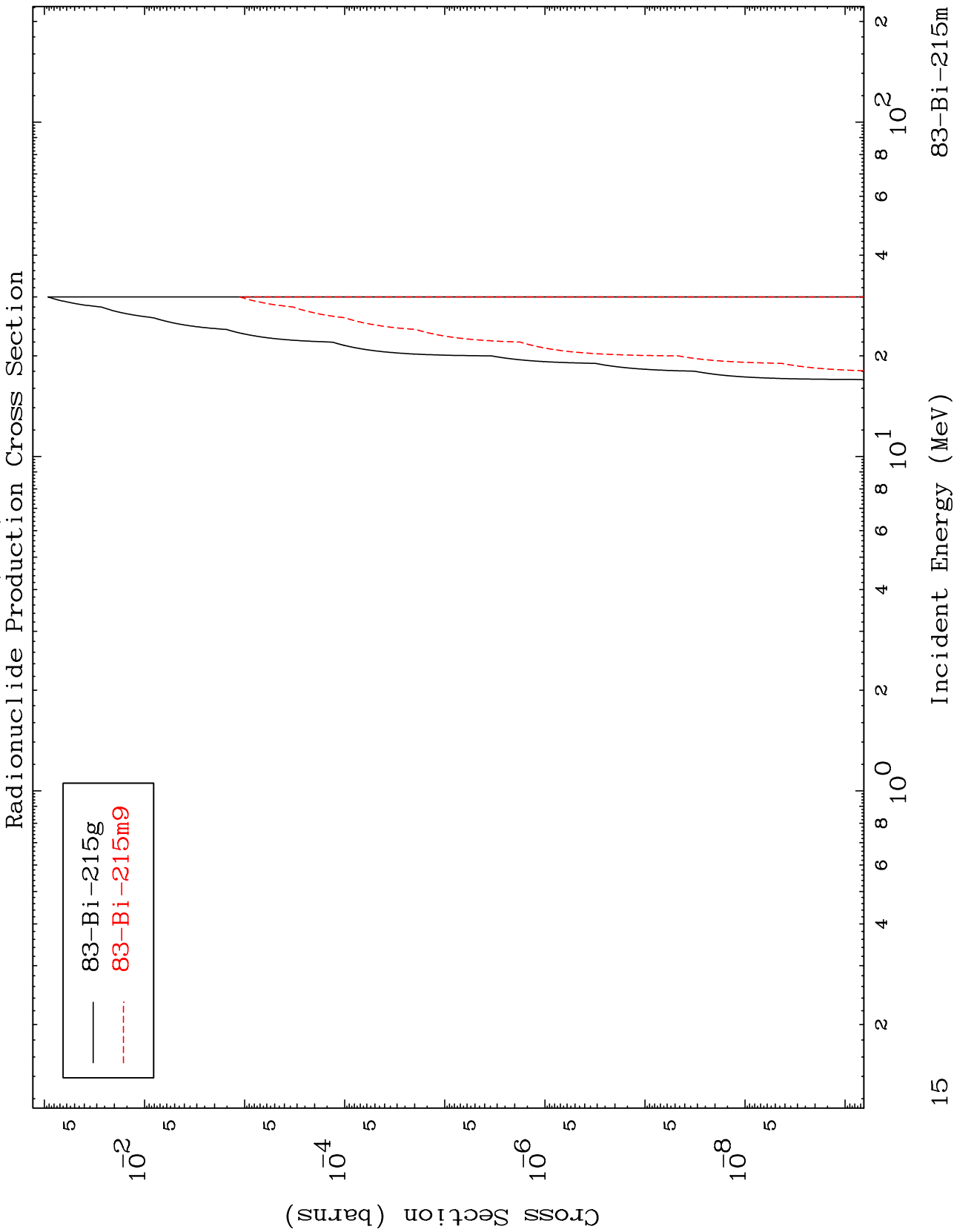
14

Incident Energy (MeV)

83-Bi-215m

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⁸³Bi-215m



15

⁸³Bi-215m