

Program EVALPLOT
(Version 2021-1)

by

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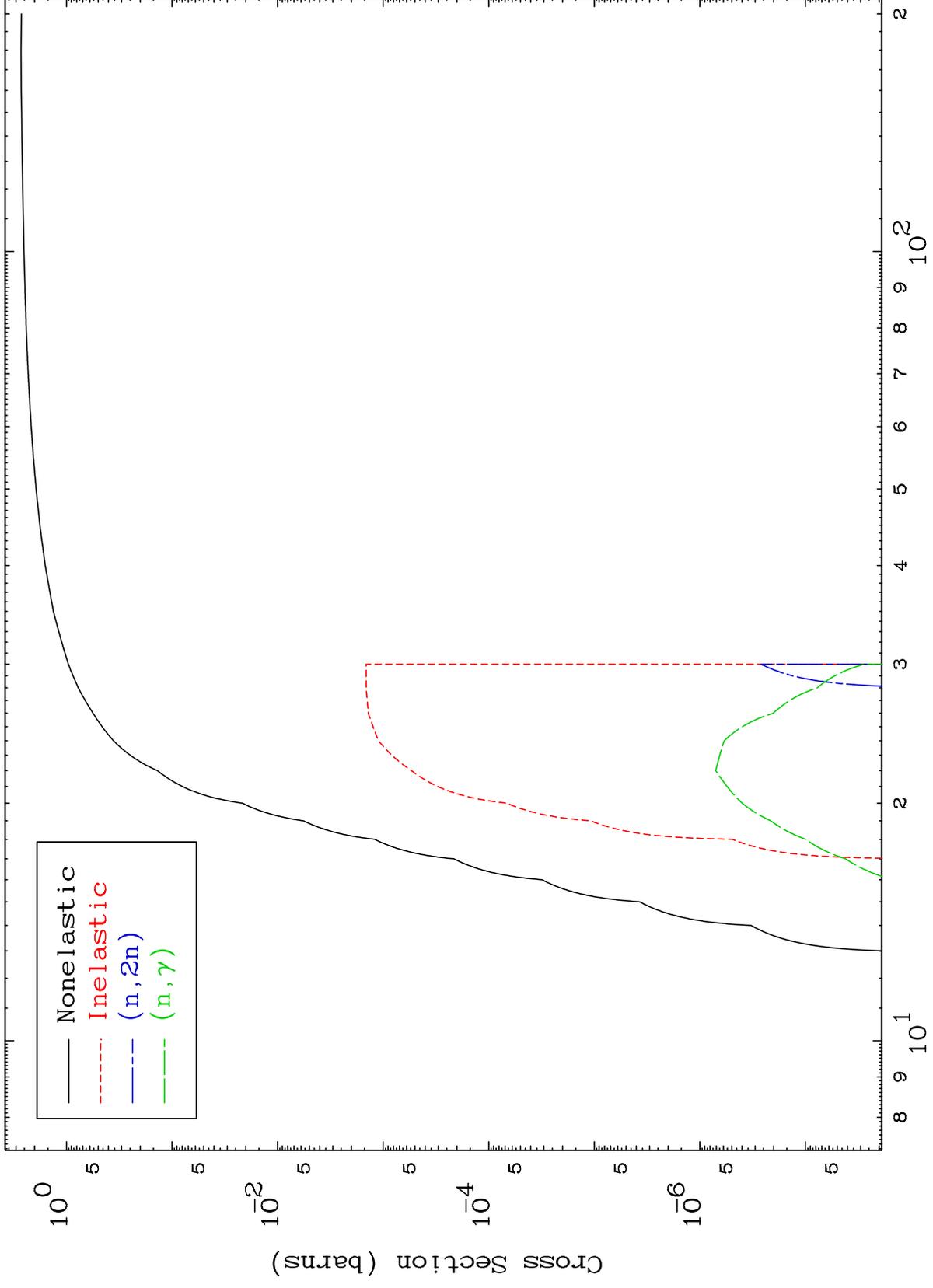
Press Mouse Button to Start

MAT 8268

α Major

83-Bi-190

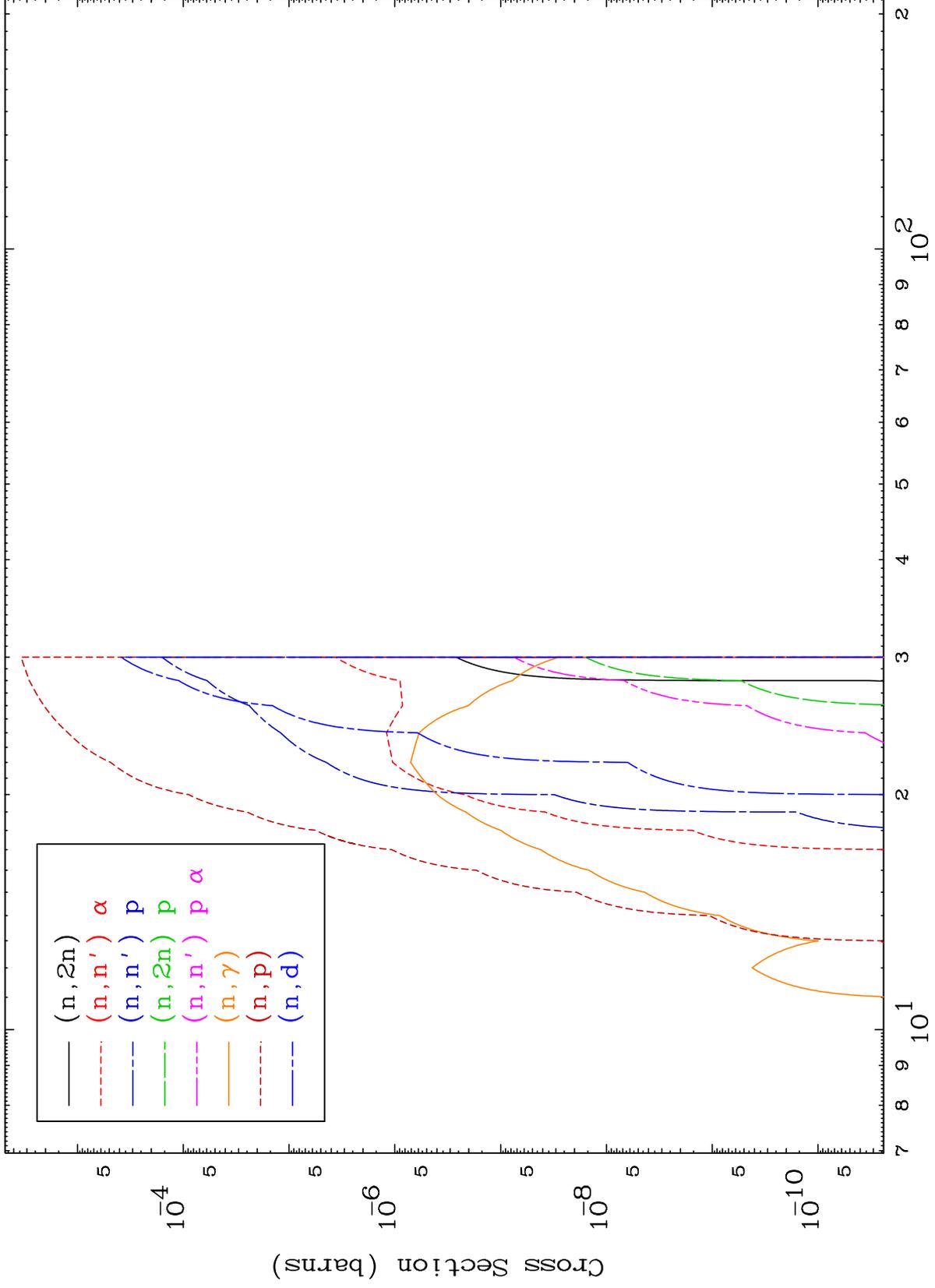
0 Kelvin Cross Sections



1

Incident Energy (MeV)

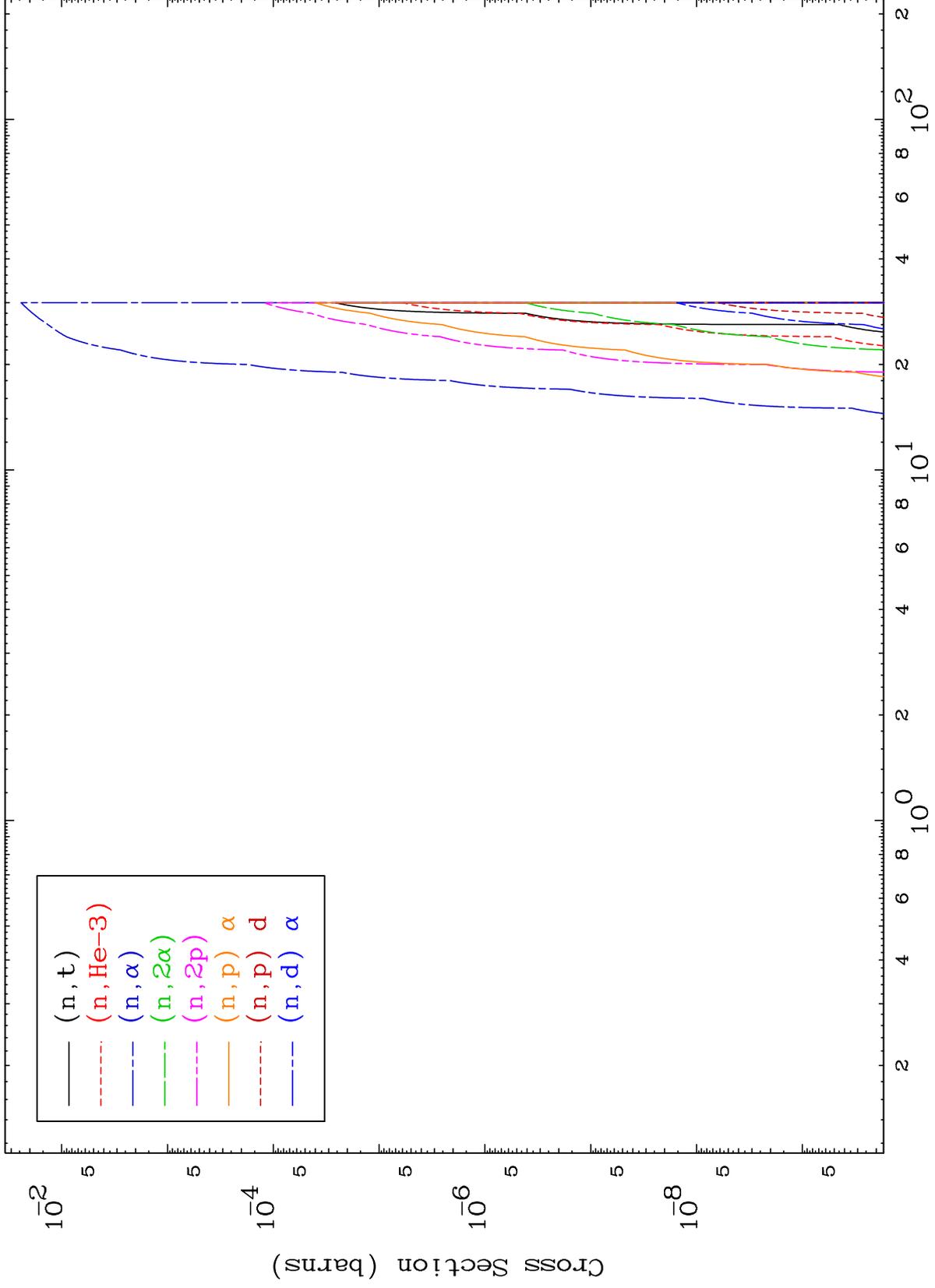
83-Bi-190



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α Neutron Absorption
0 Kelvin Cross Sections

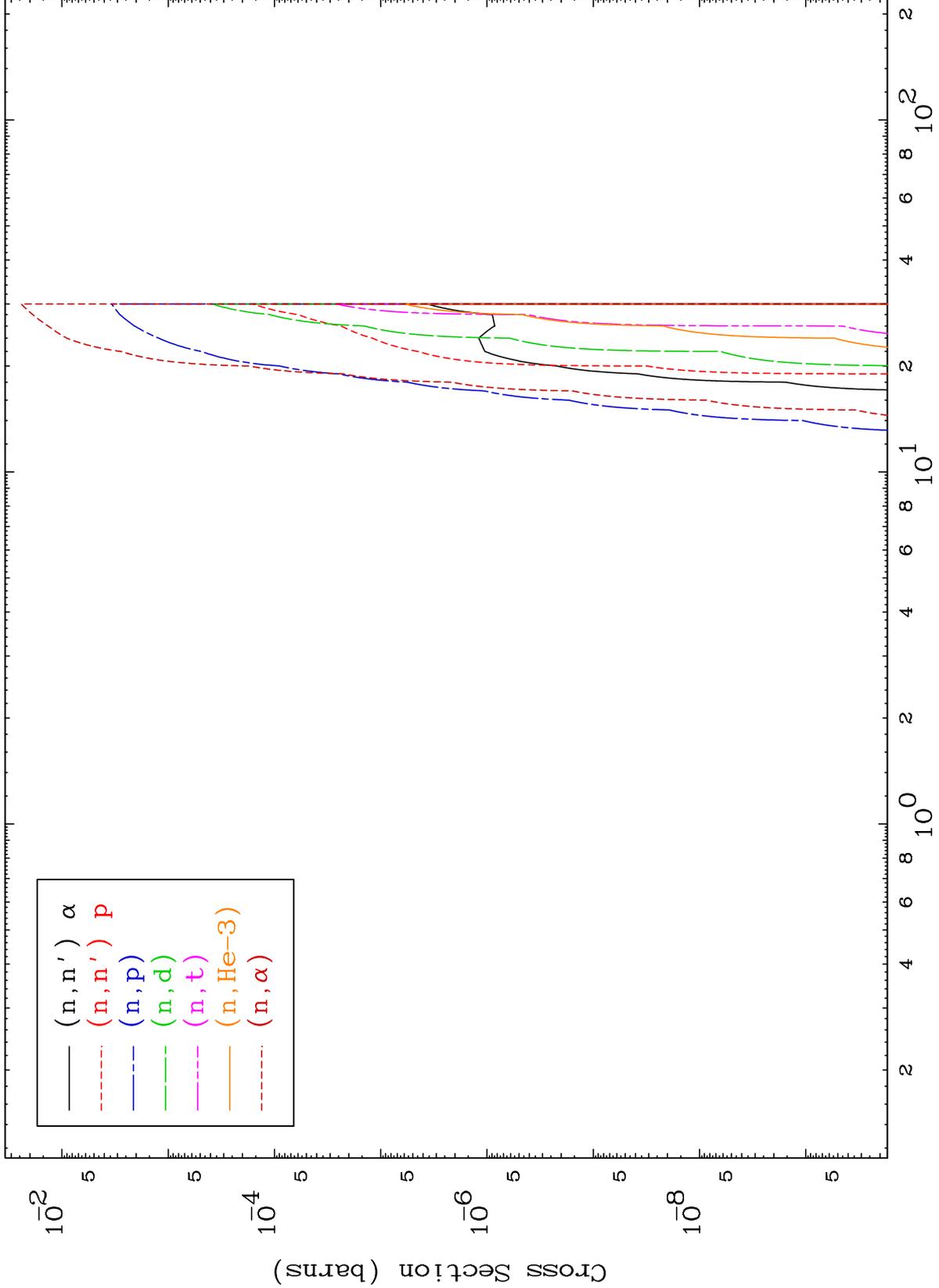
83-Bi-190



MAT 8268

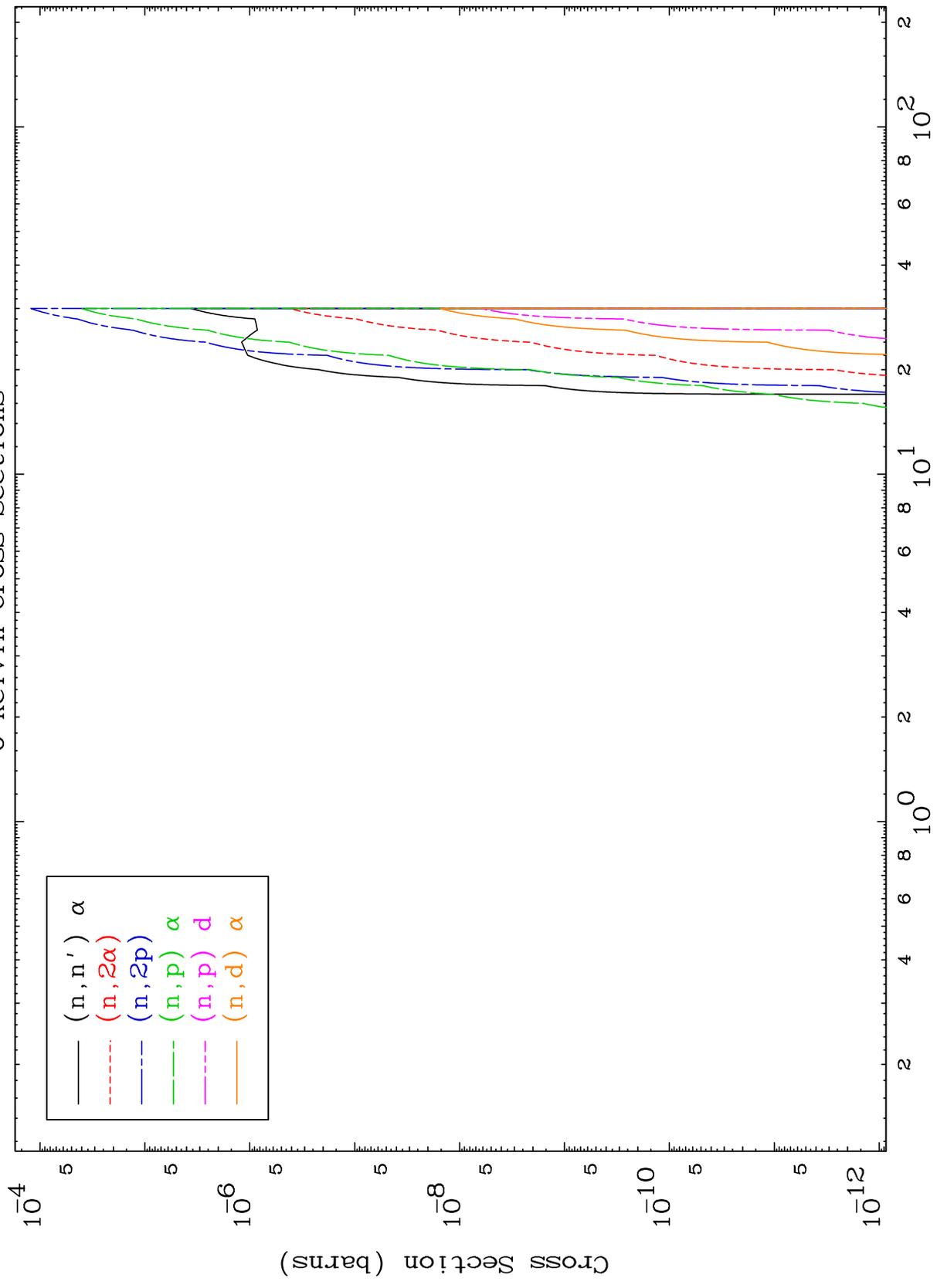
α Charged Particle
0 Kelvin Cross Sections

83-Bi-190



Incident Energy (MeV)

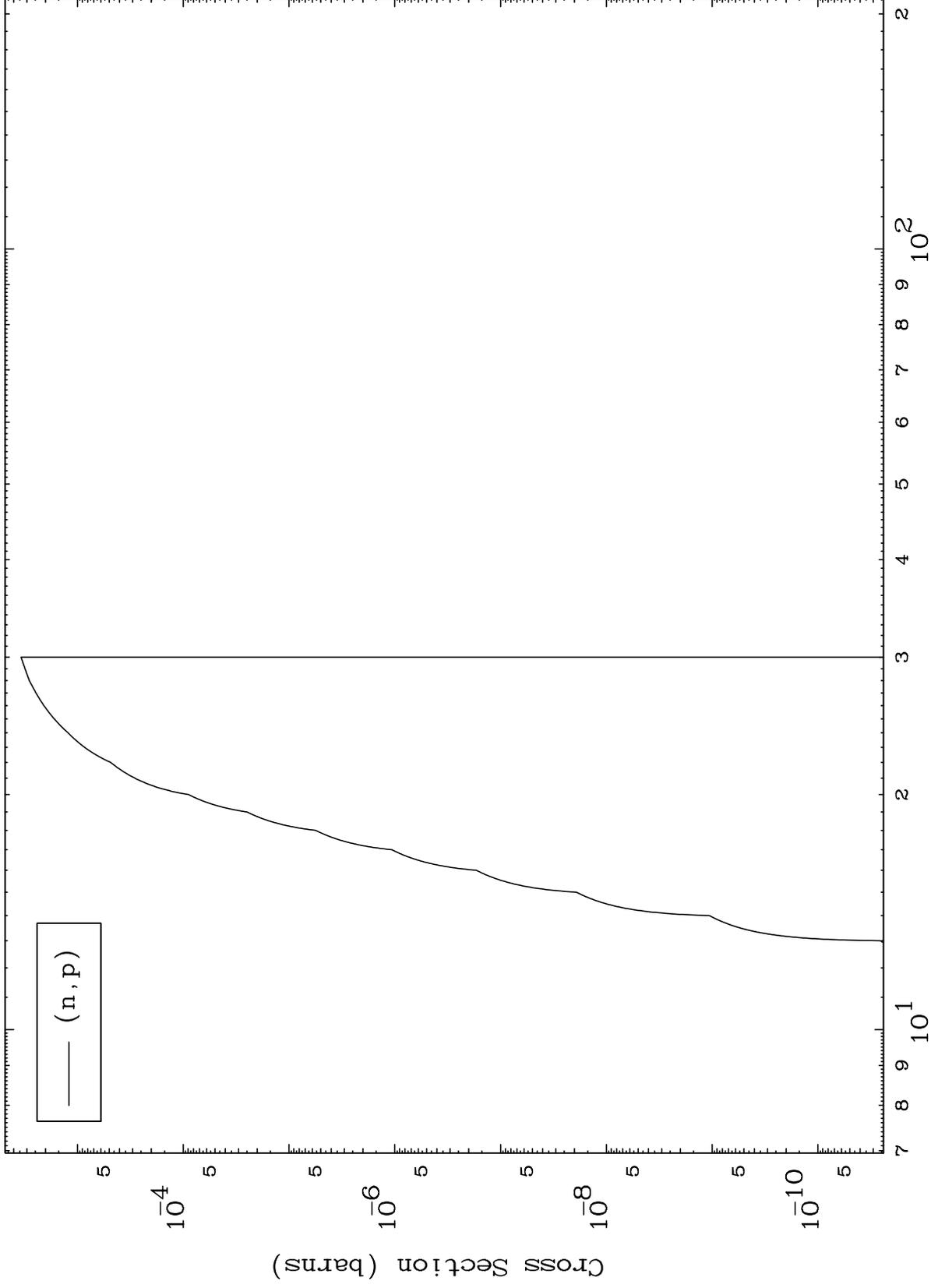
83-Bi-190



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(α, p) Levels
0 Kelvin Cross Sections

83-Bi-190



6

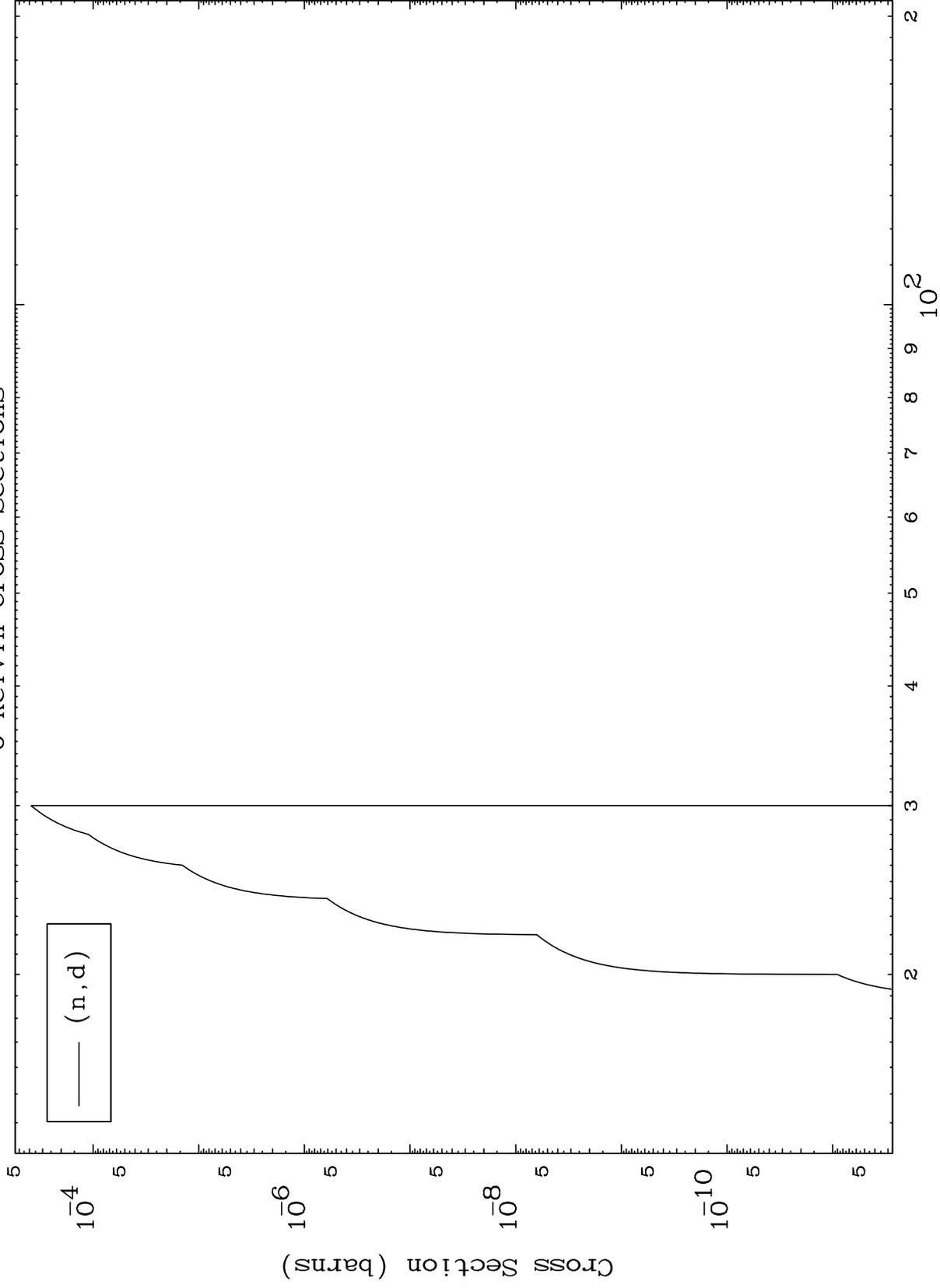
Incident Energy (MeV)

83-Bi-190

MAT 8268

(α, d) Levels
0 Kelvin Cross Sections

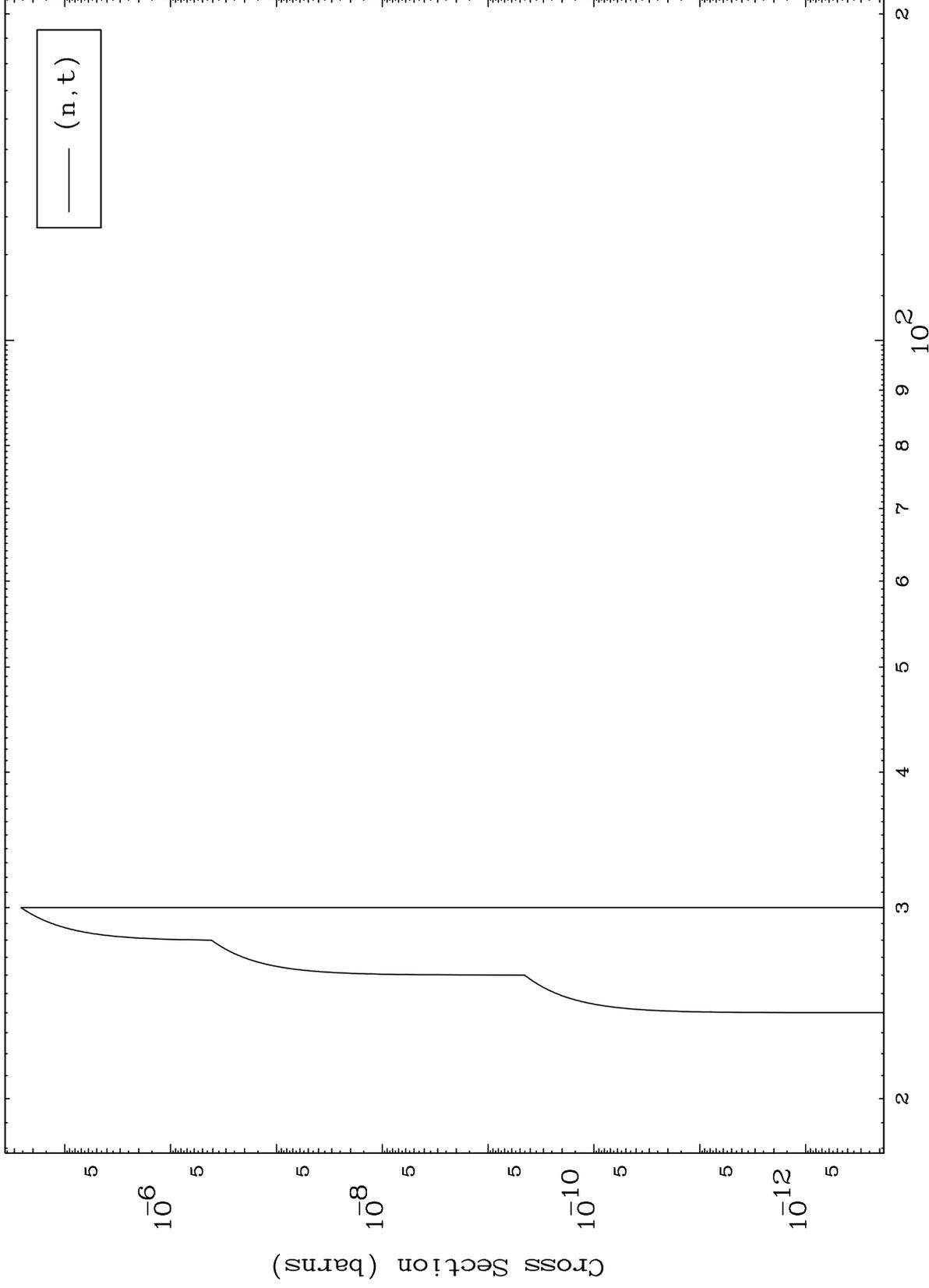
83-Bi-190



7

Incident Energy (MeV)

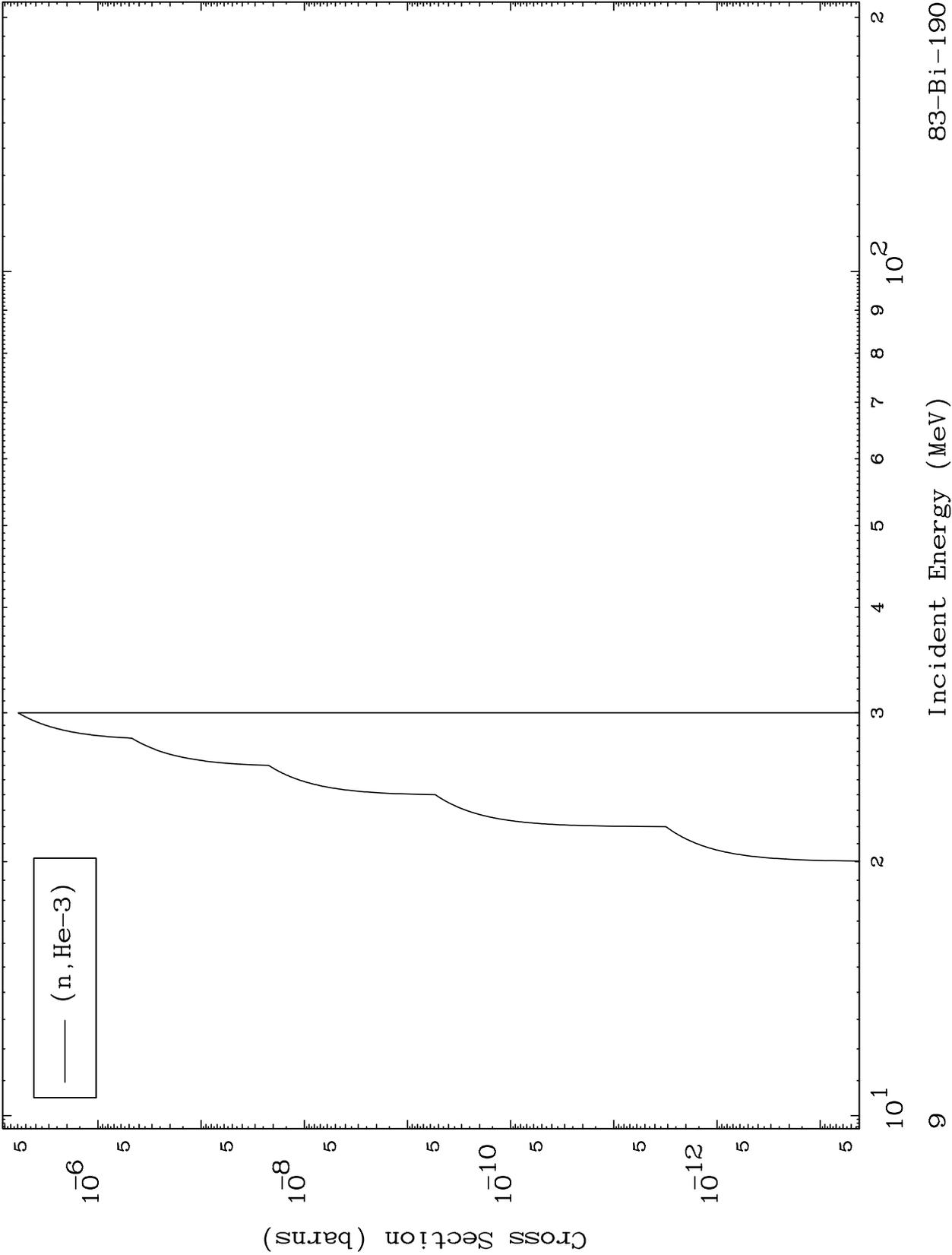
83-Bi-190



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

83-Bi-190



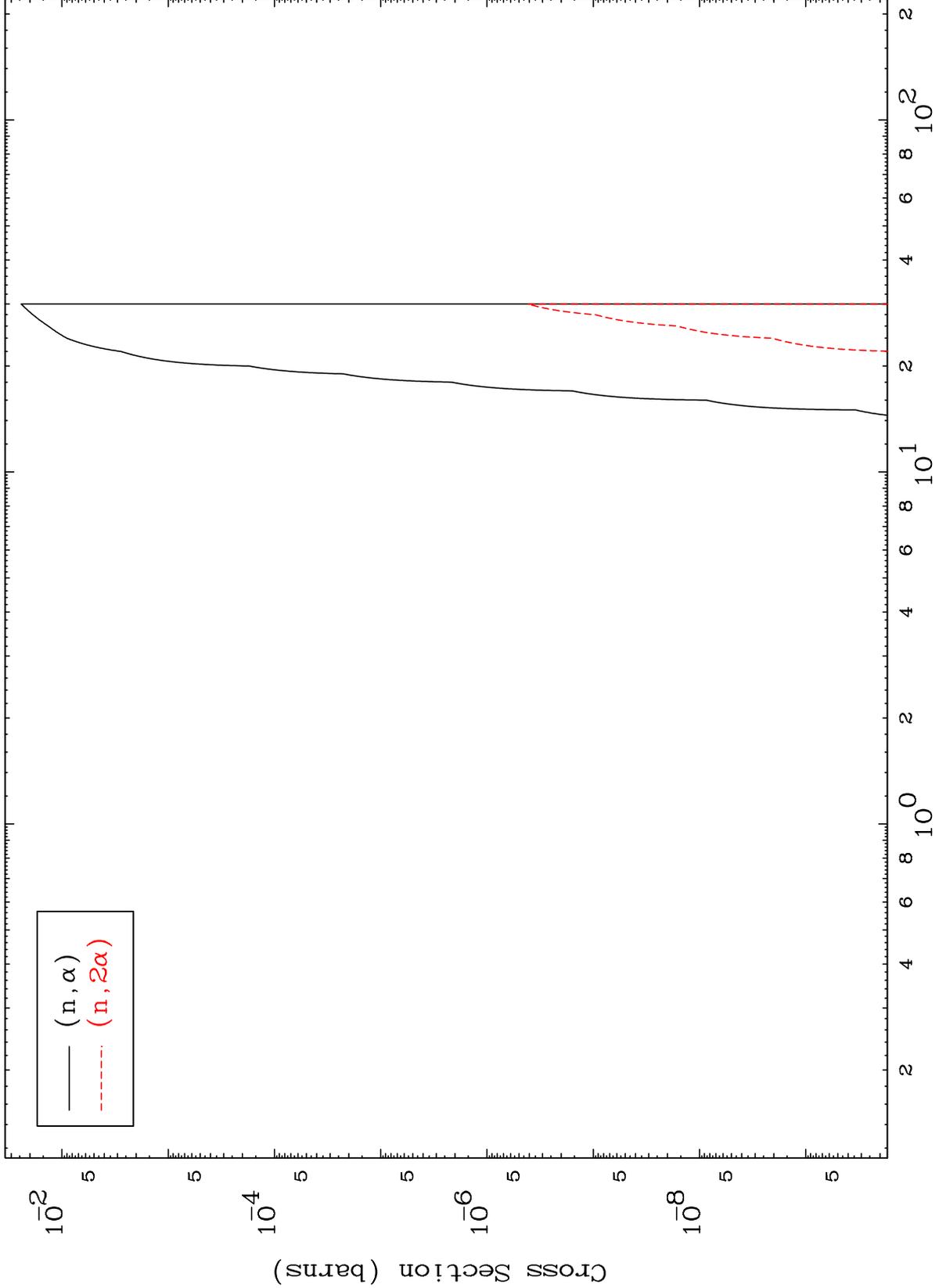
83-Bi-190

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(α, α) Levels

83-Bi-190

0 Kelvin Cross Sections



10

Incident Energy (MeV)

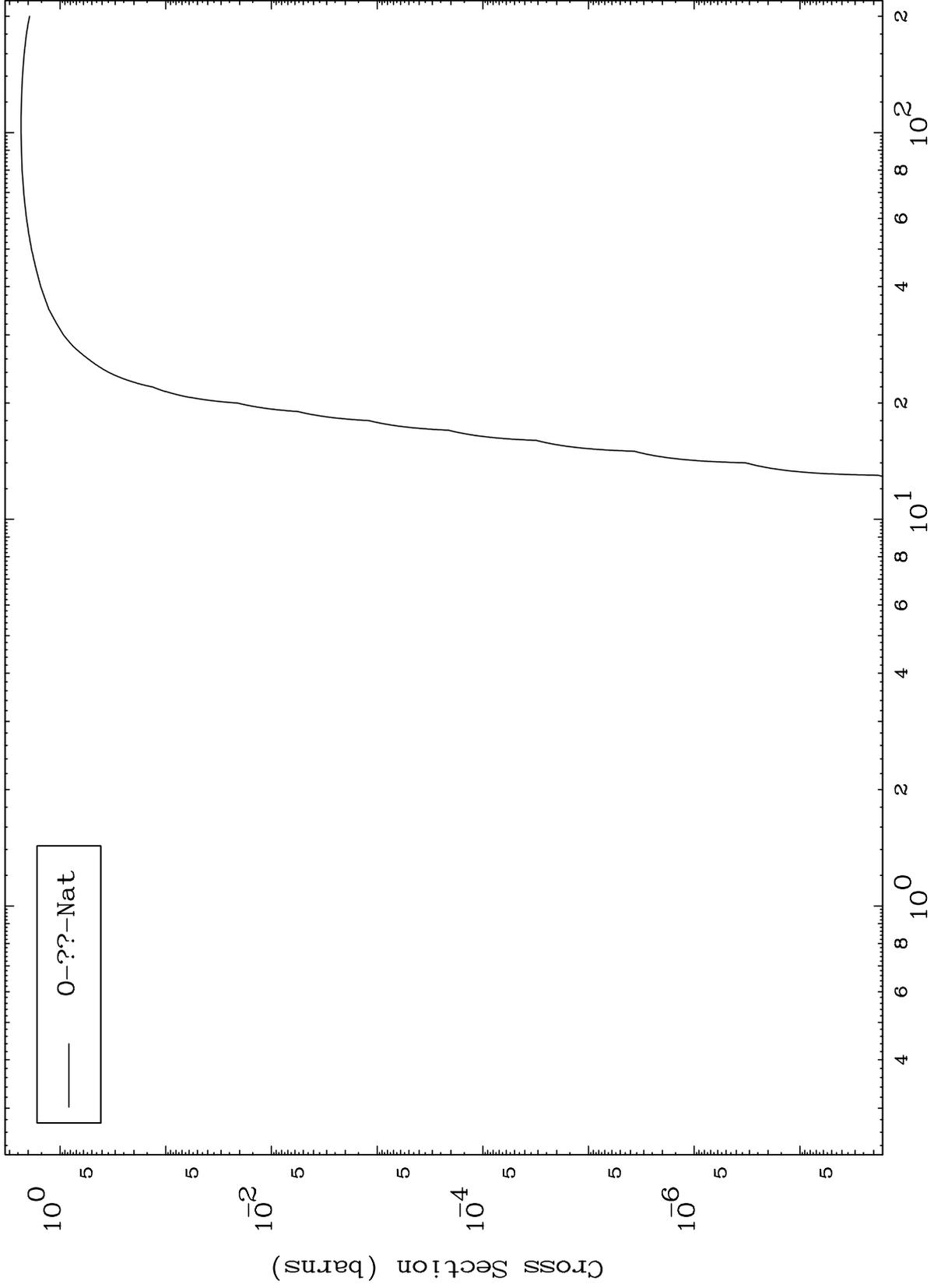
83-Bi-190

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Fission

83-Bi-190

Radionuclide Production Cross Section

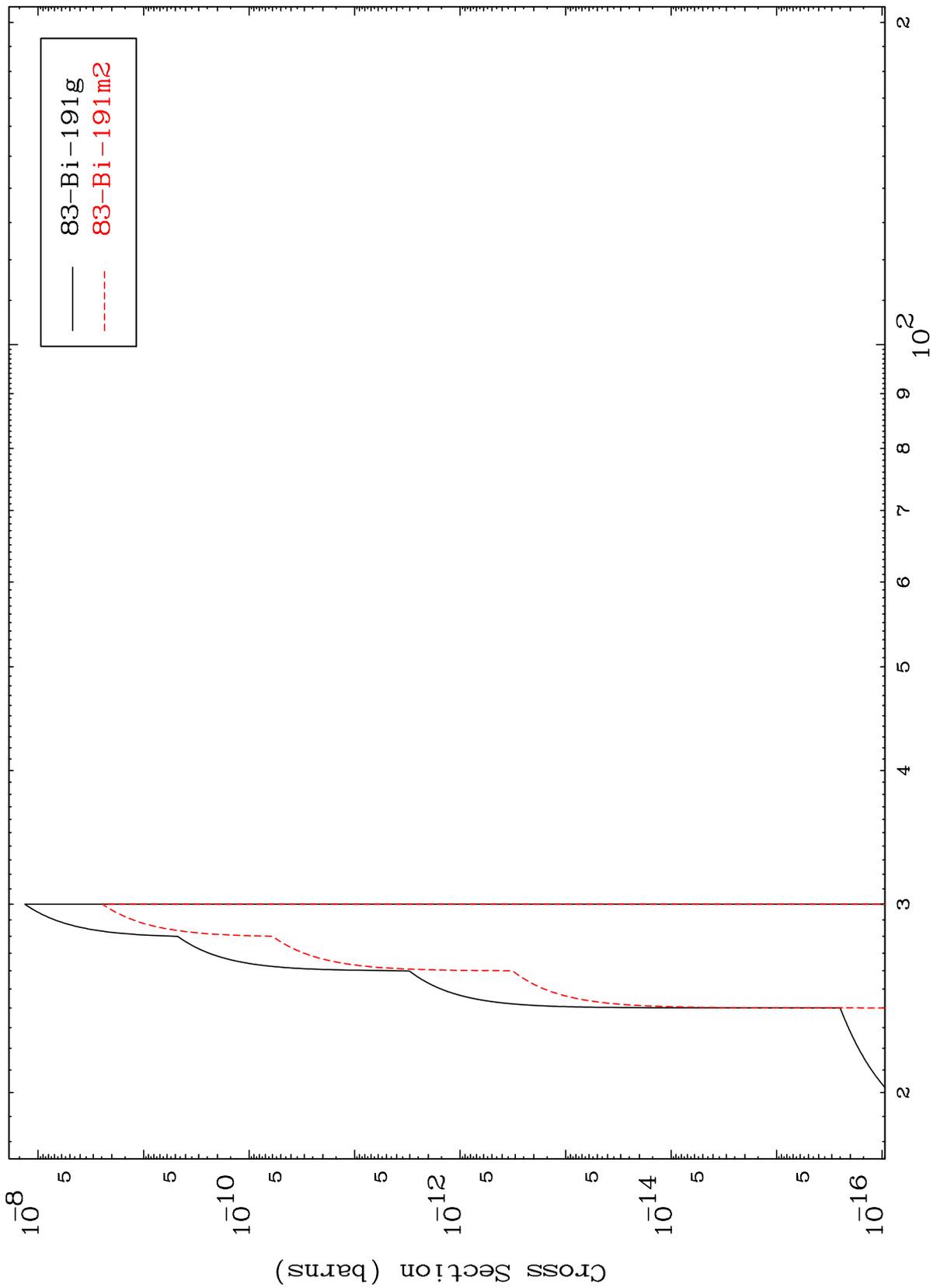


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(n,2n) p

83-Bi-190

Radionuclide Production Cross Section



83-Bi-191 g
83-Bi-191 m2

12

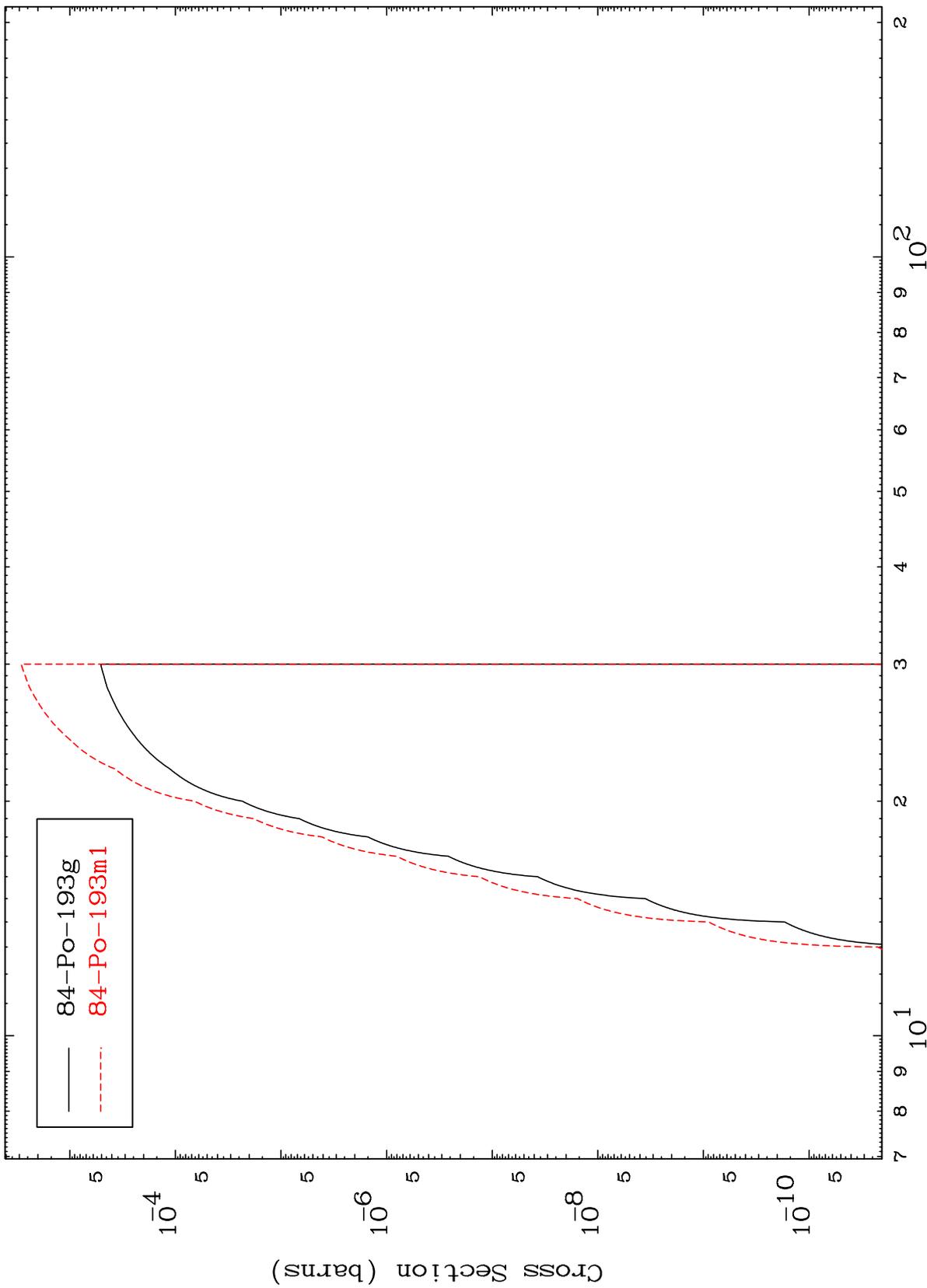
Incident Energy (MeV)

83-Bi-190

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83-Bi-190

(n,p)
Radionuclide Production Cross Section



84-Po-193g
84-Po-193m1

83-Bi-190

Incident Energy (MeV)

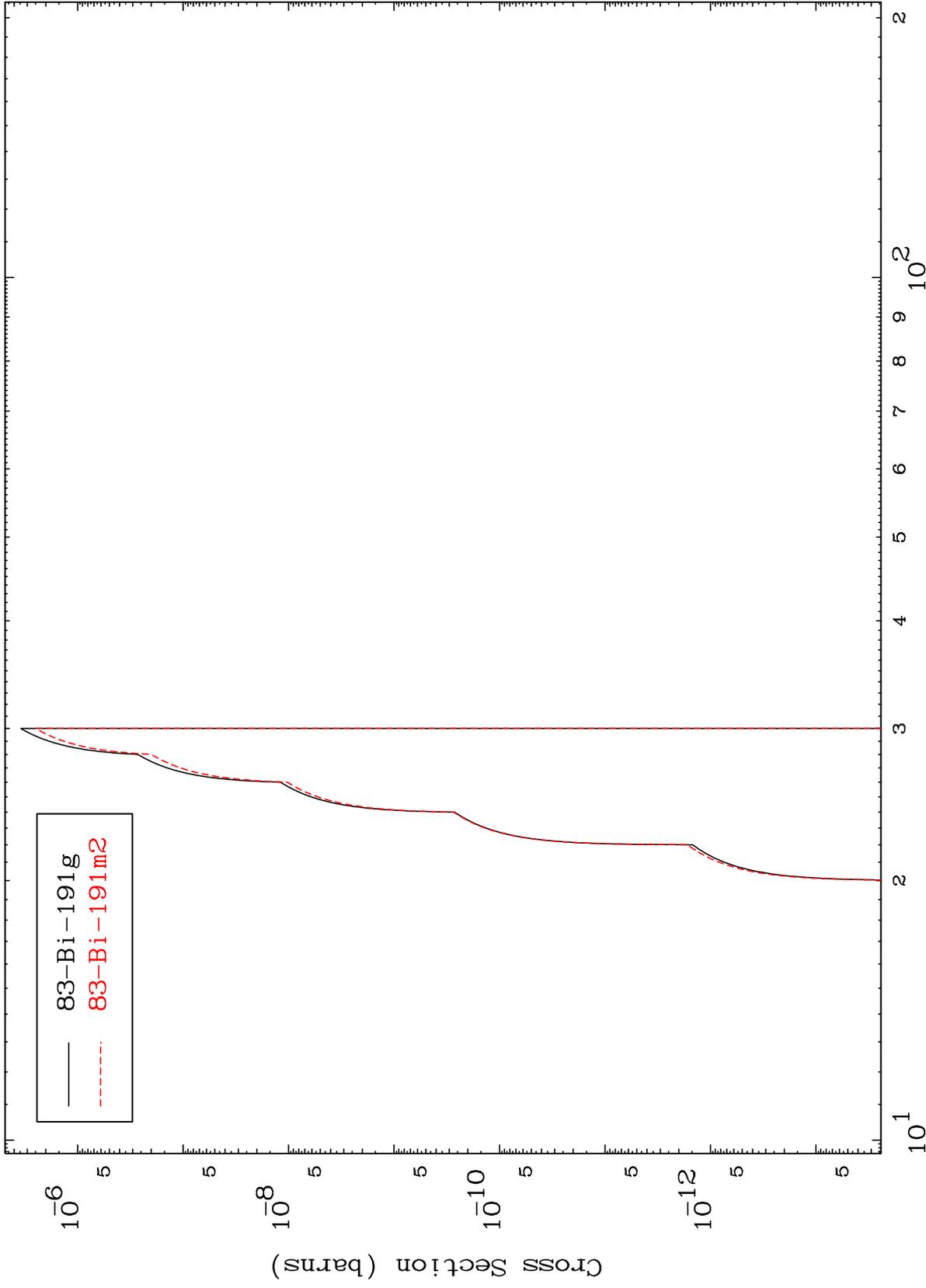
13

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(n,He-3)

83-Bi-190

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-190

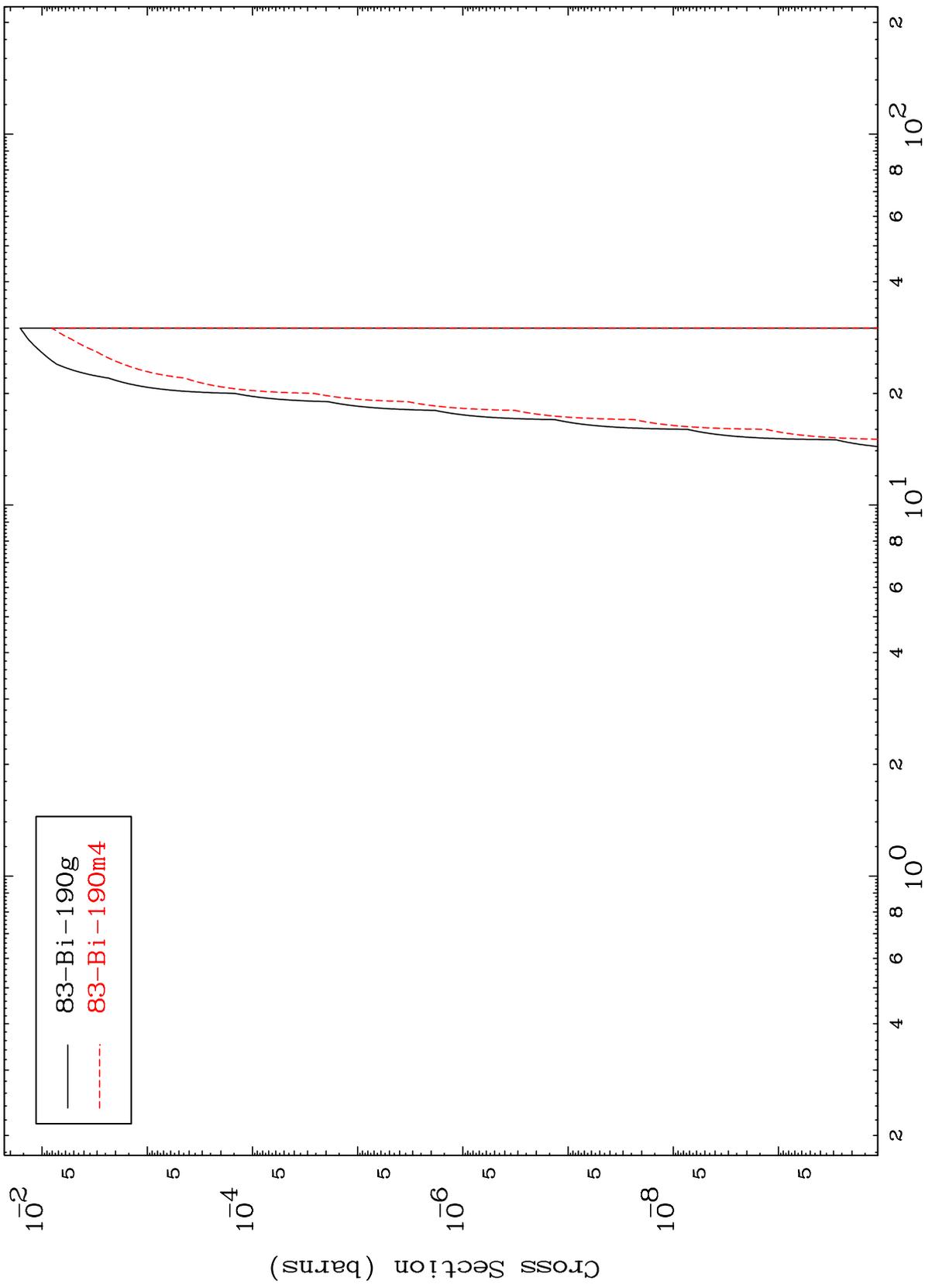
14

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(n, α)

83-Bi-190

Radionuclide Production Cross Section



15

Incident Energy (MeV)

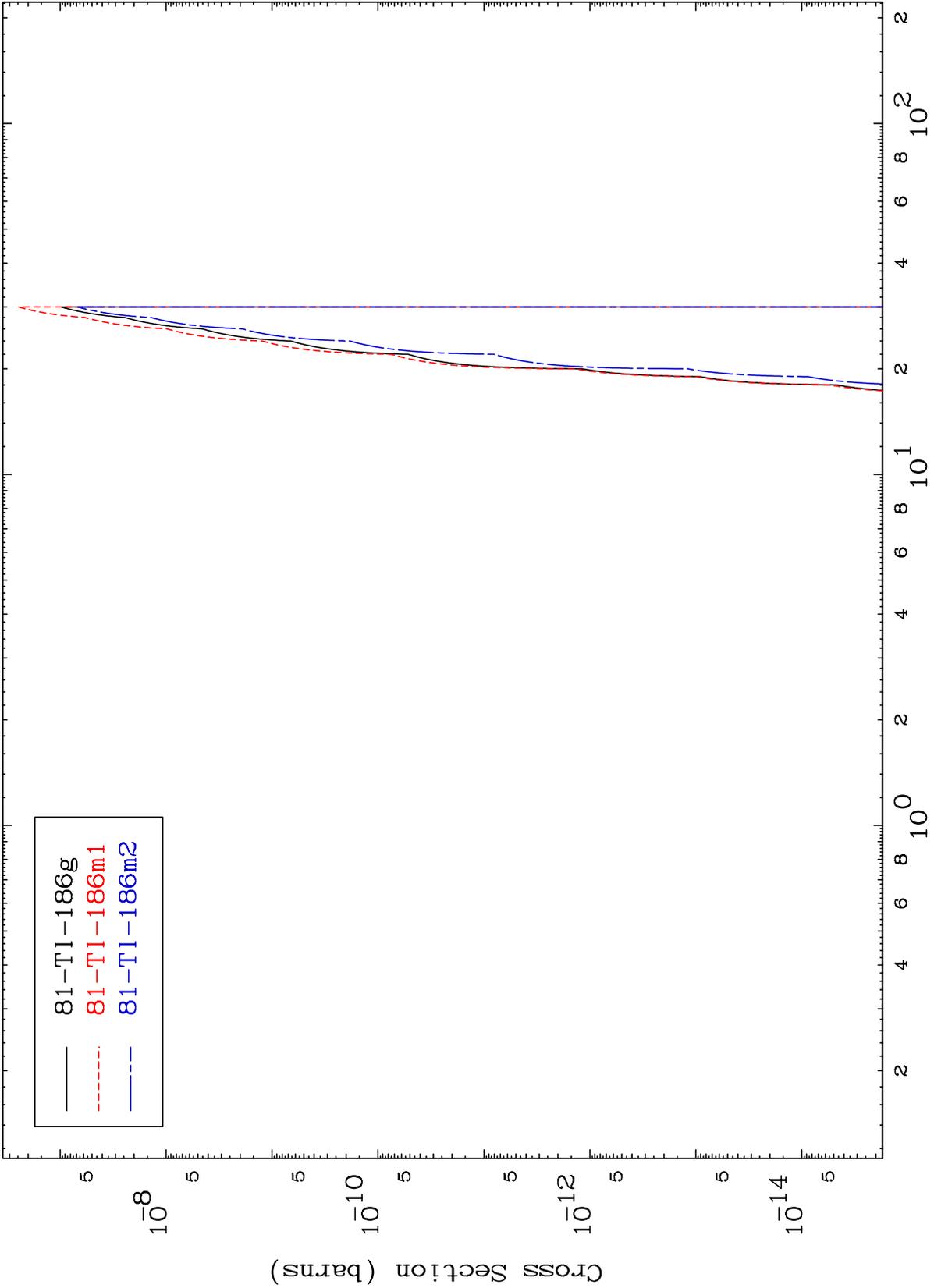
83-Bi-190

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(n,2α)

83-Bi-190

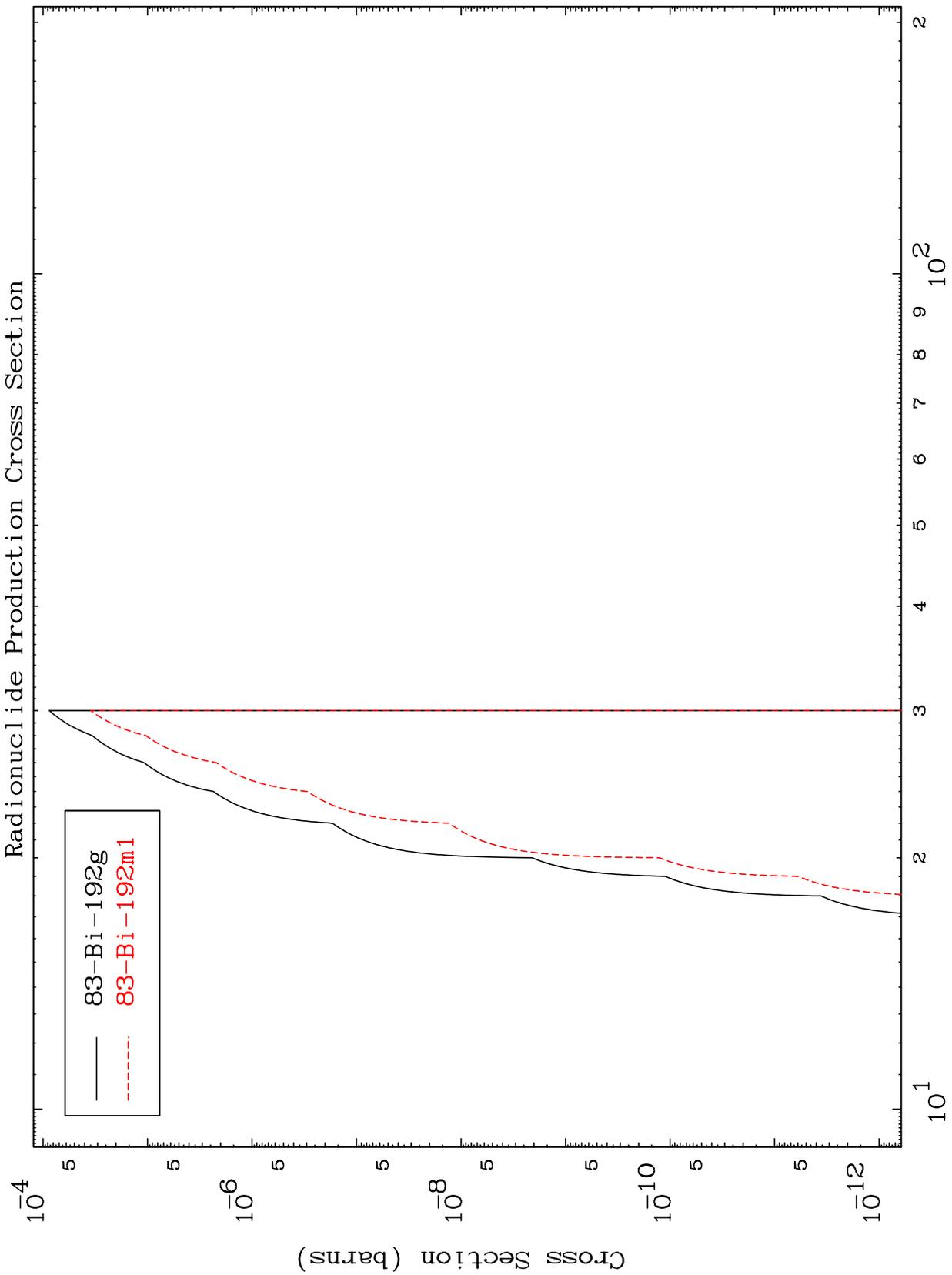
Radionuclide Production Cross Section



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83-Bi-190

(n,2p)
Radionuclide Production Cross Section



83-Bi-190

Incident Energy (MeV)

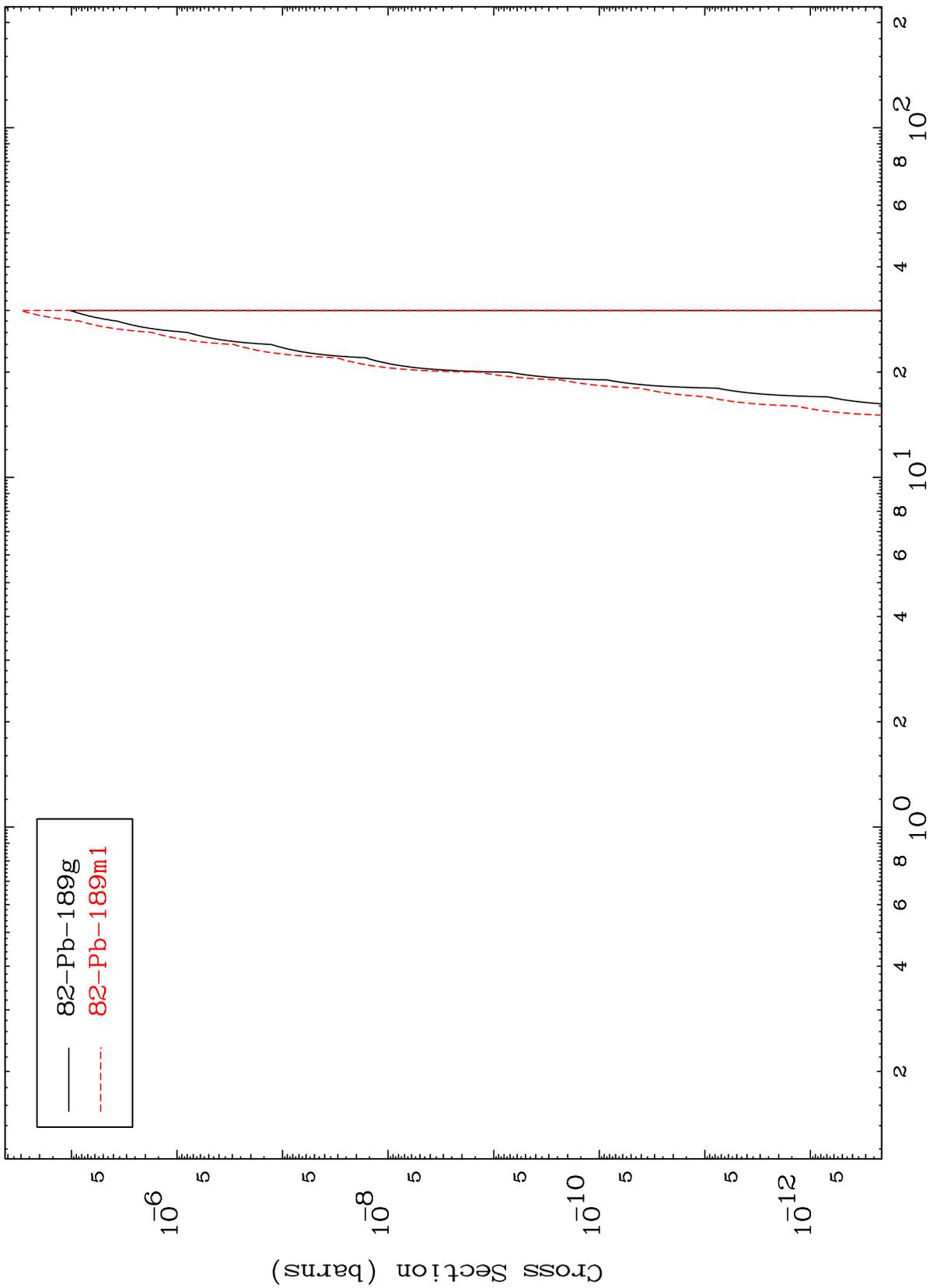
17

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(n,p) α

83-Bi-190

Radionuclide Production Cross Section



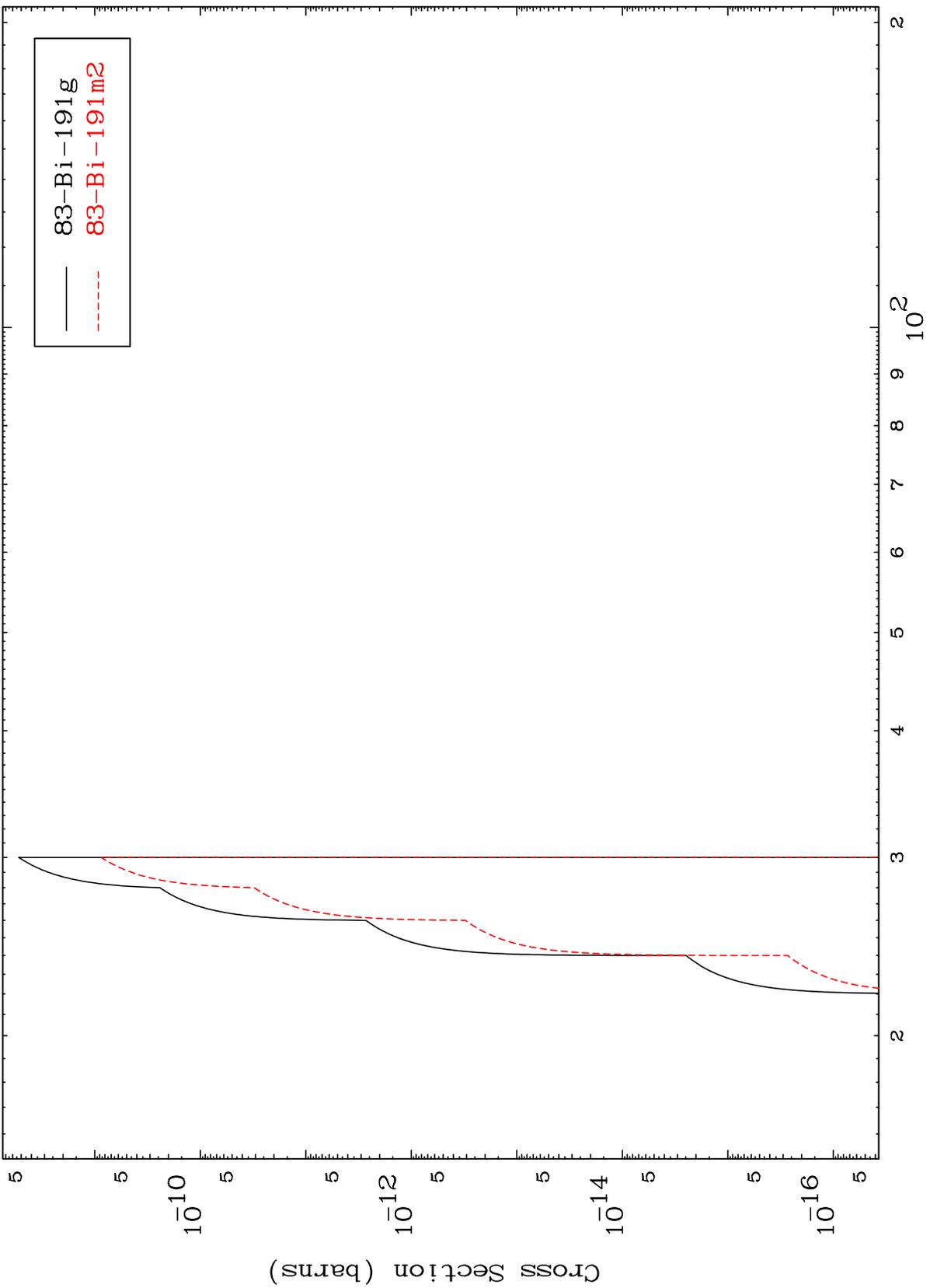
82-Pb-189g
82-Pb-189m1

MAT 8268

(n,p) d

⁸³Bi-190

Radionuclide Production Cross Section



19

Incident Energy (MeV)

⁸³Bi-190