

Program EVALPLOT
(Version 2021-1)

by

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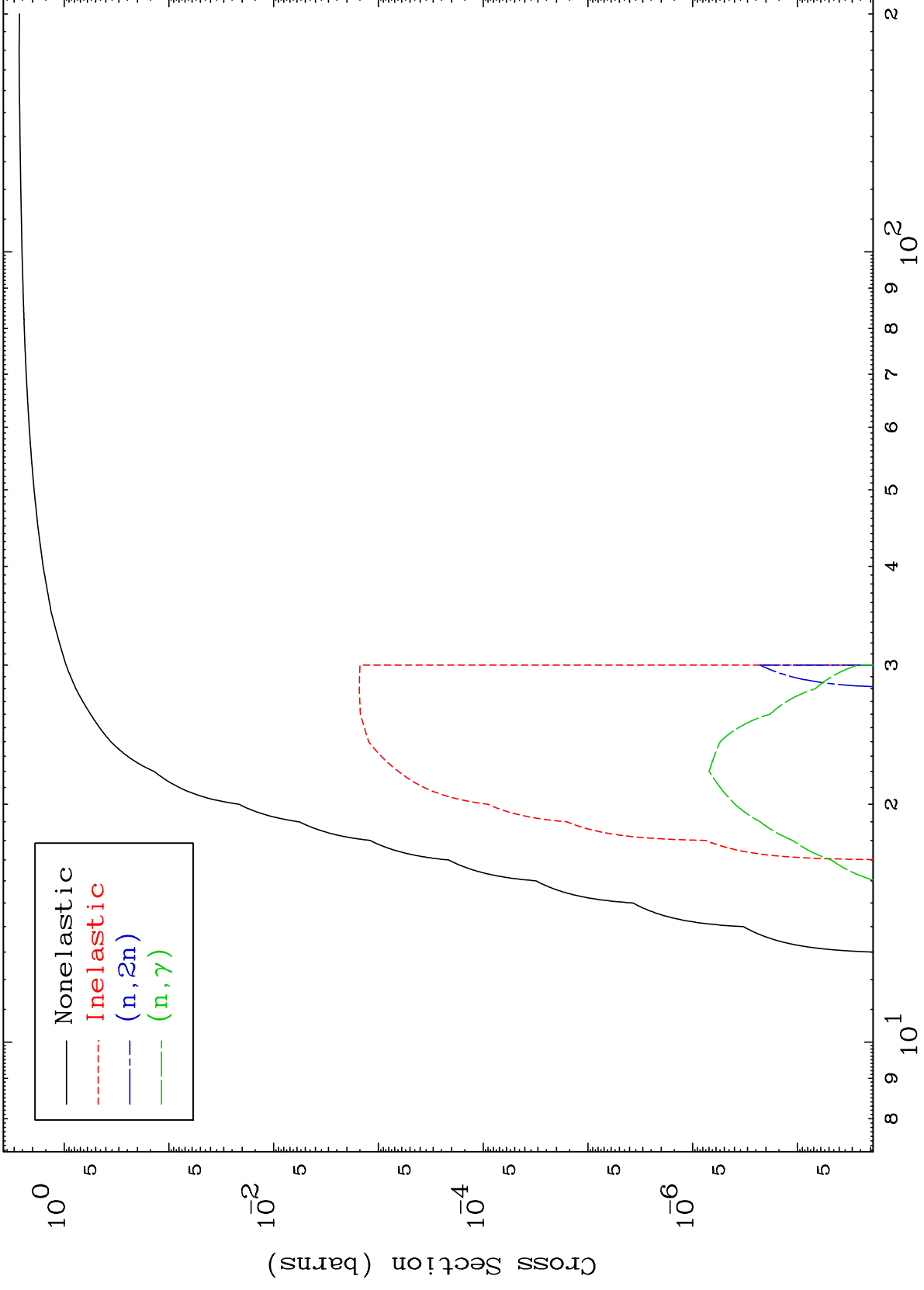
Press Mouse Button to Start

MAT 8268

α Major

83-Bi-190

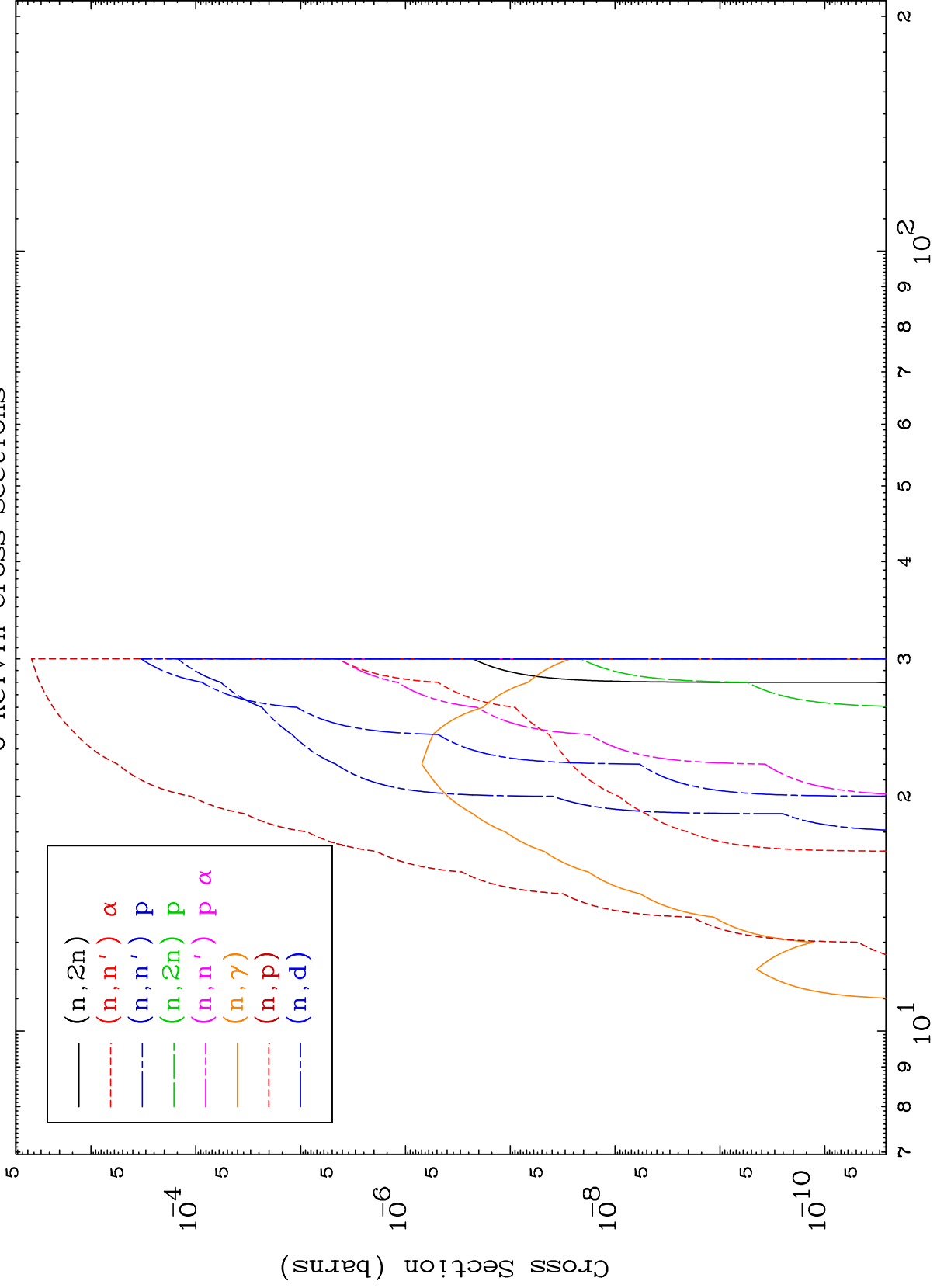
0 Kelvin Cross Sections



1

Incident Energy (MeV)

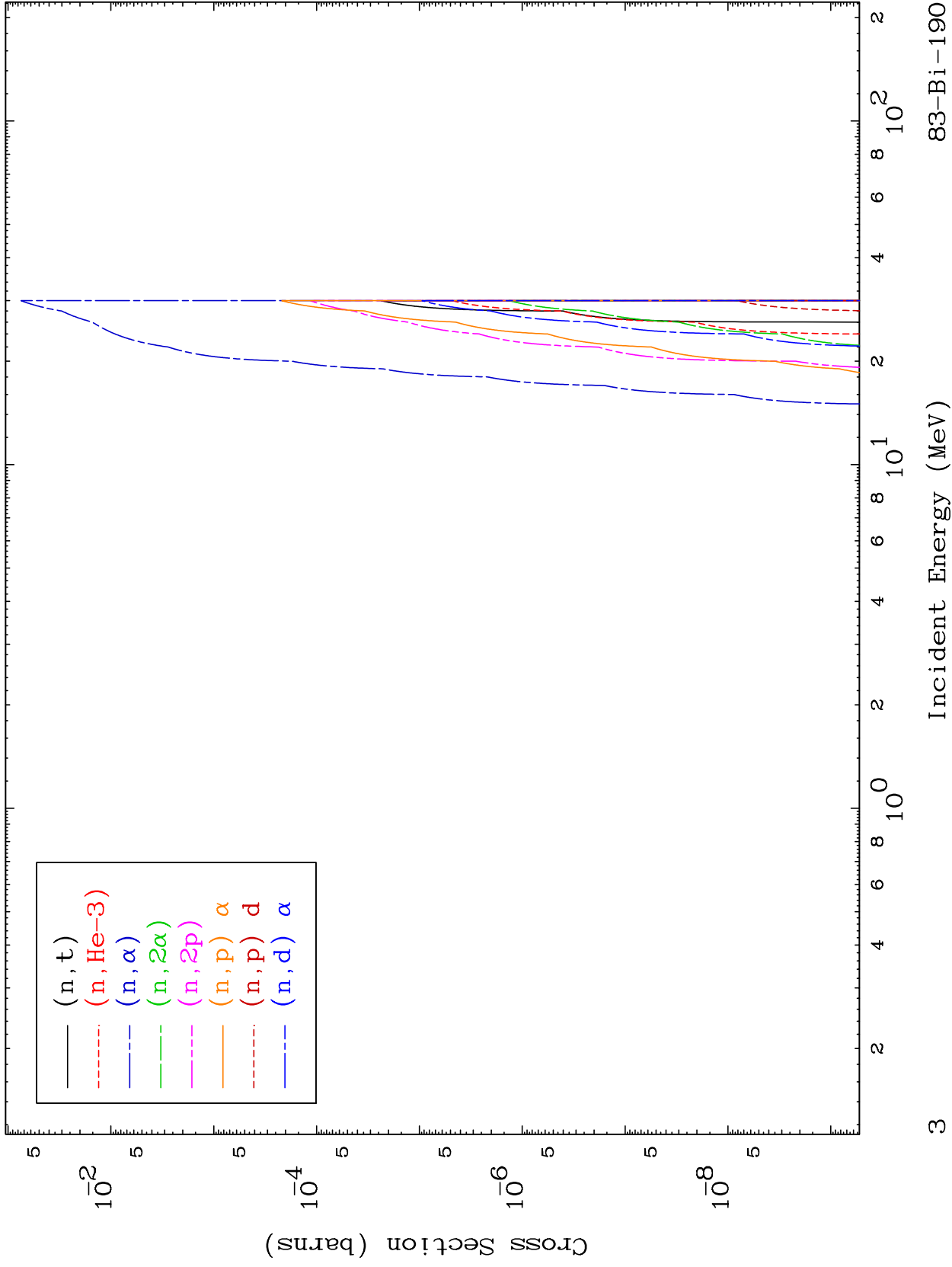
83-Bi-190



MAT 8268

α Neutron Absorption
0 Kelvin Cross Sections

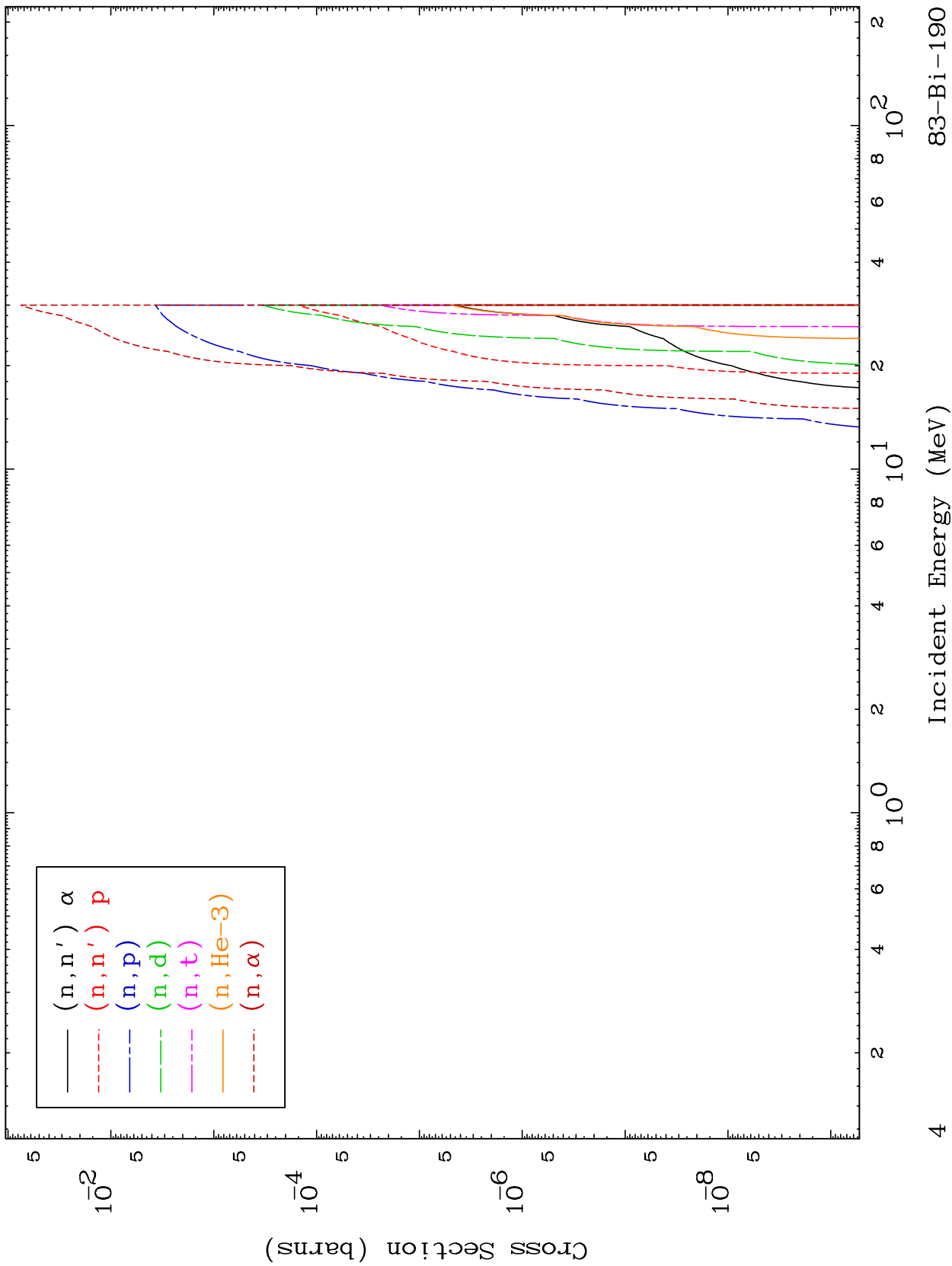
83-Bi-190



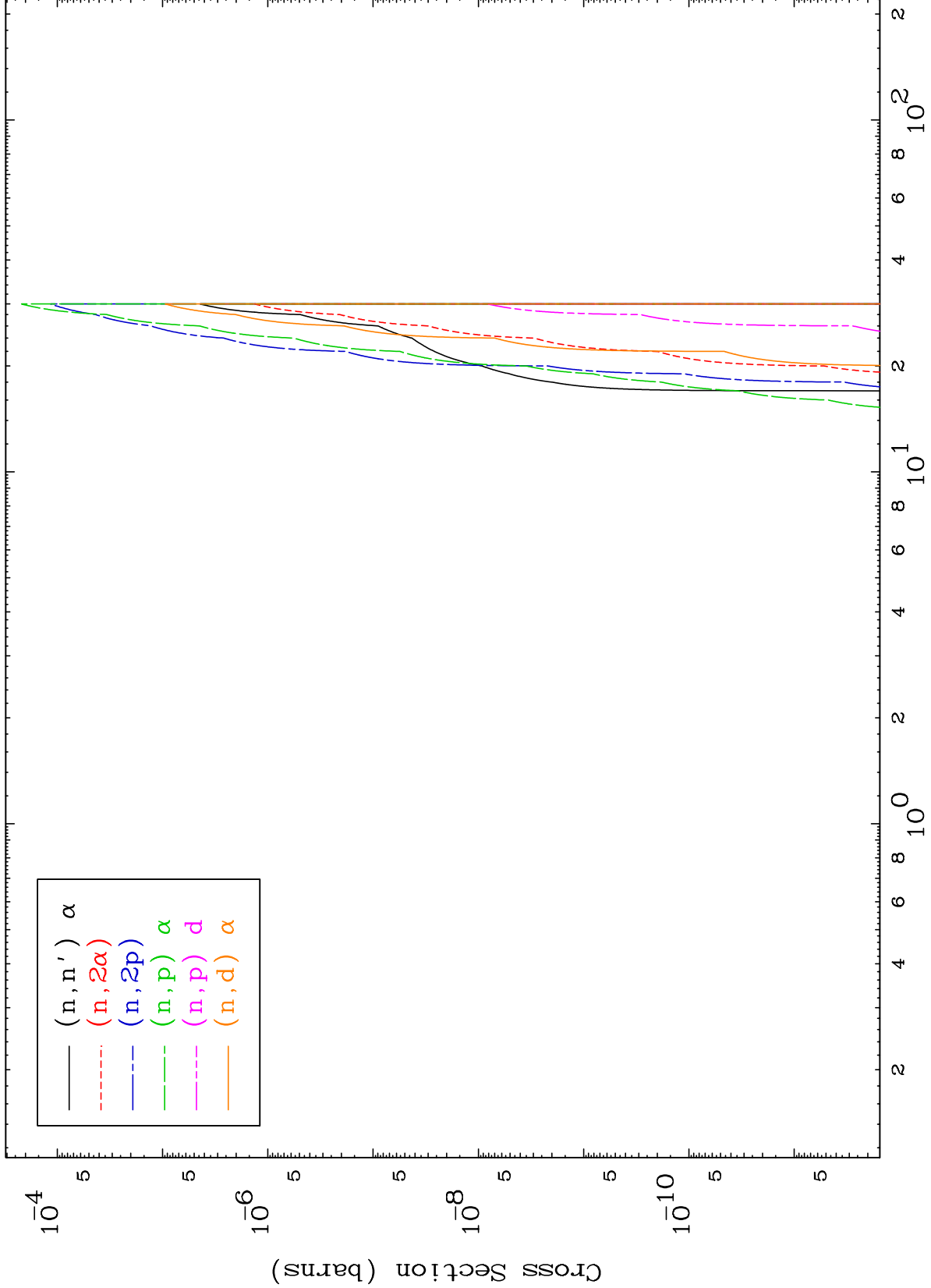
MAT 8268

α Charged Particle
0 Kelvin Cross Sections

83-Bi-190



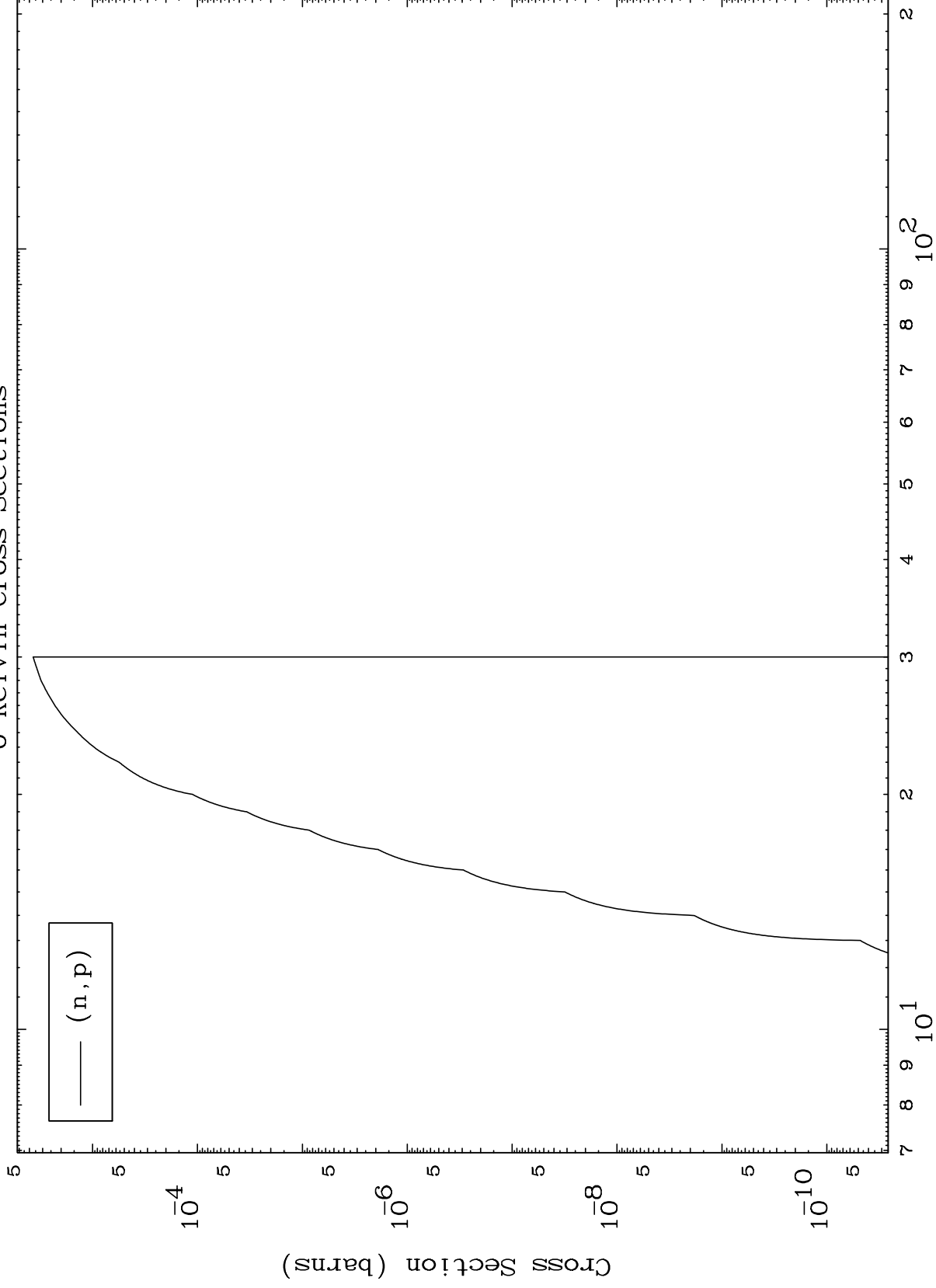
83-Bi-190



MAT 8268

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-190



6

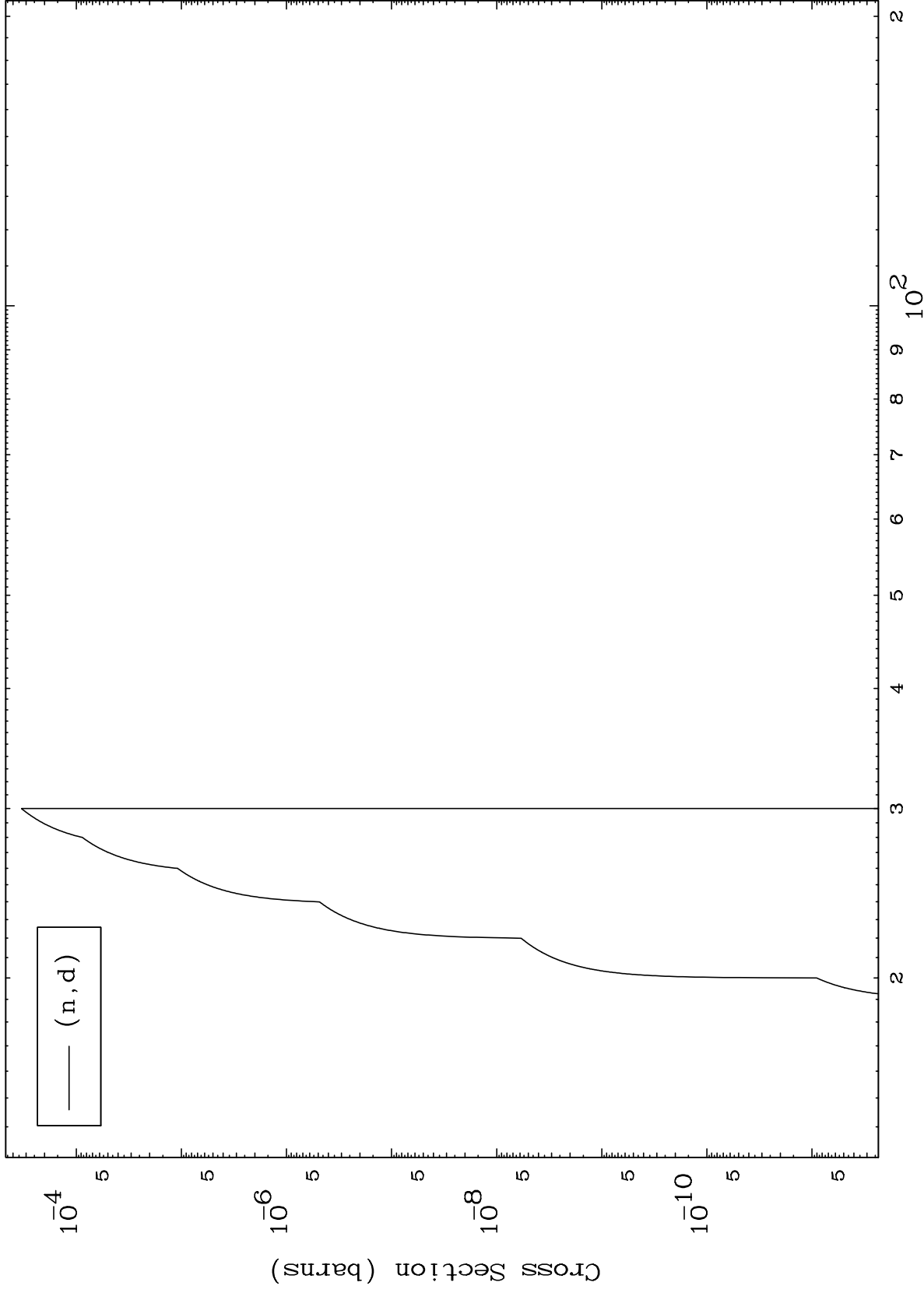
Incident Energy (MeV)

83-Bi-190

MAT 8268

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-190



7

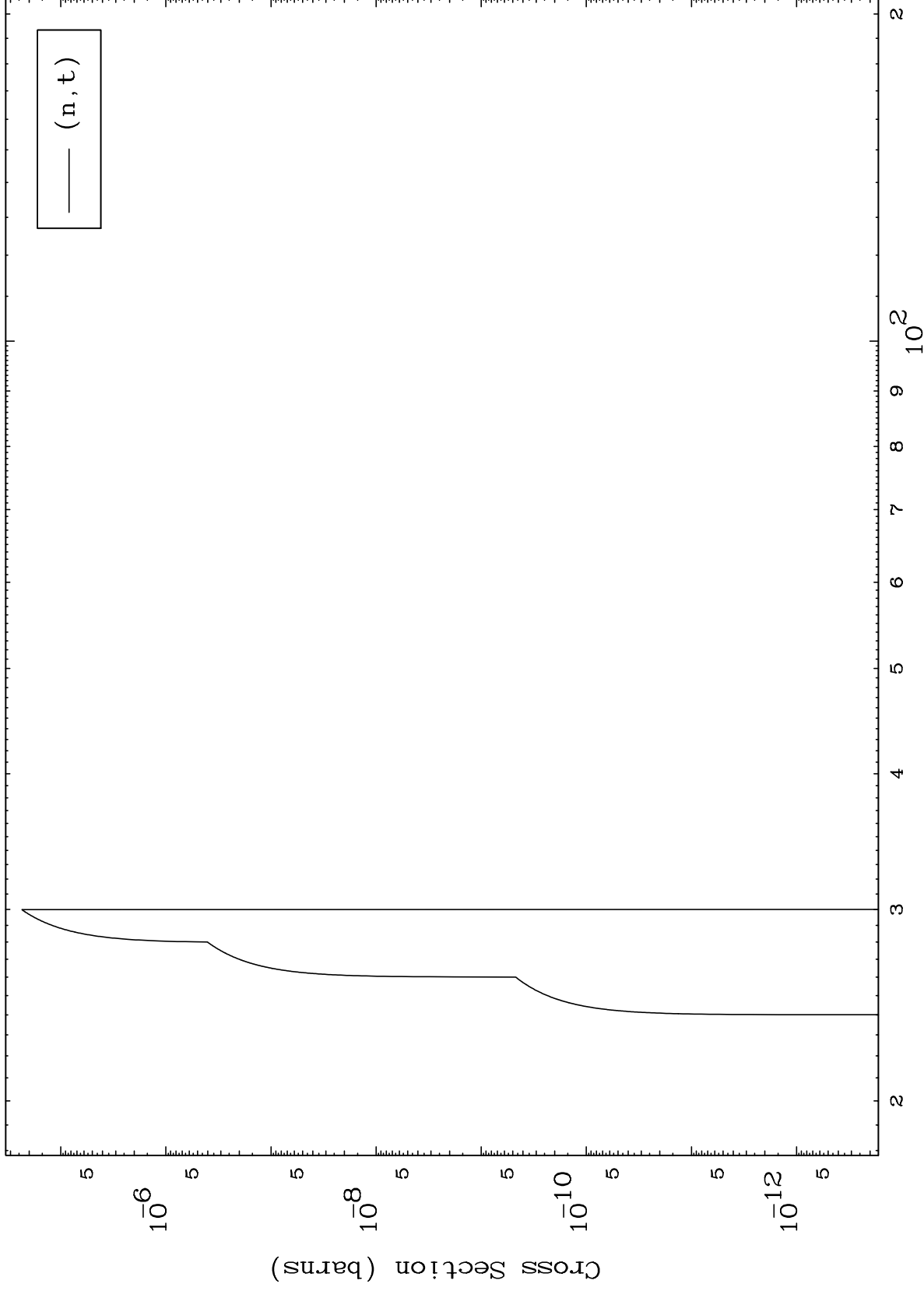
Incident Energy (MeV)

83-Bi-190

MAT 8268

(α, t) Levels
0 Kelvin Cross Sections

83-Bi-190



8

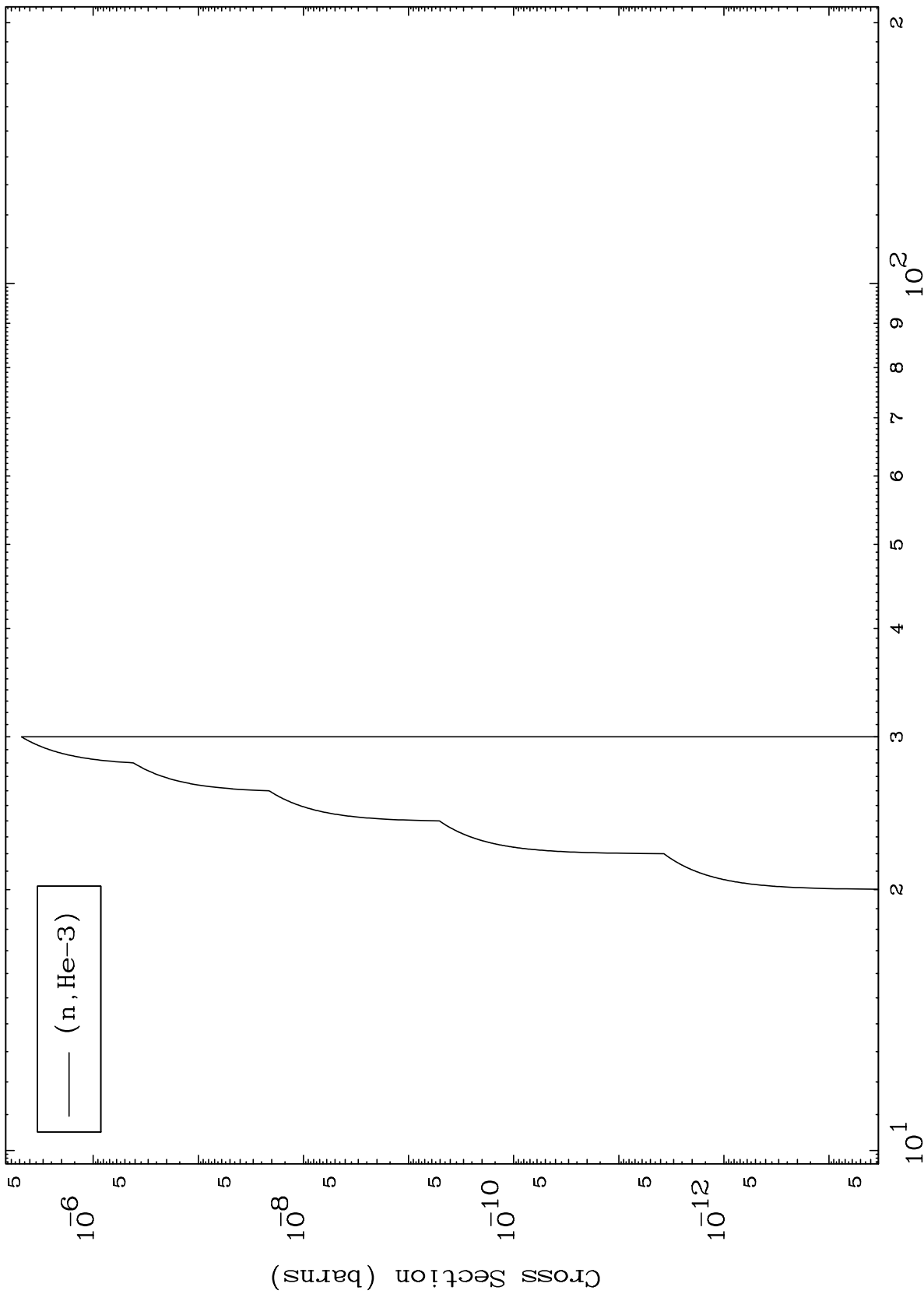
Incident Energy (MeV)

83-Bi-190

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83-Bi-190

(α , He3) Levels
0 Kelvin Cross Sections



83-Bi-190

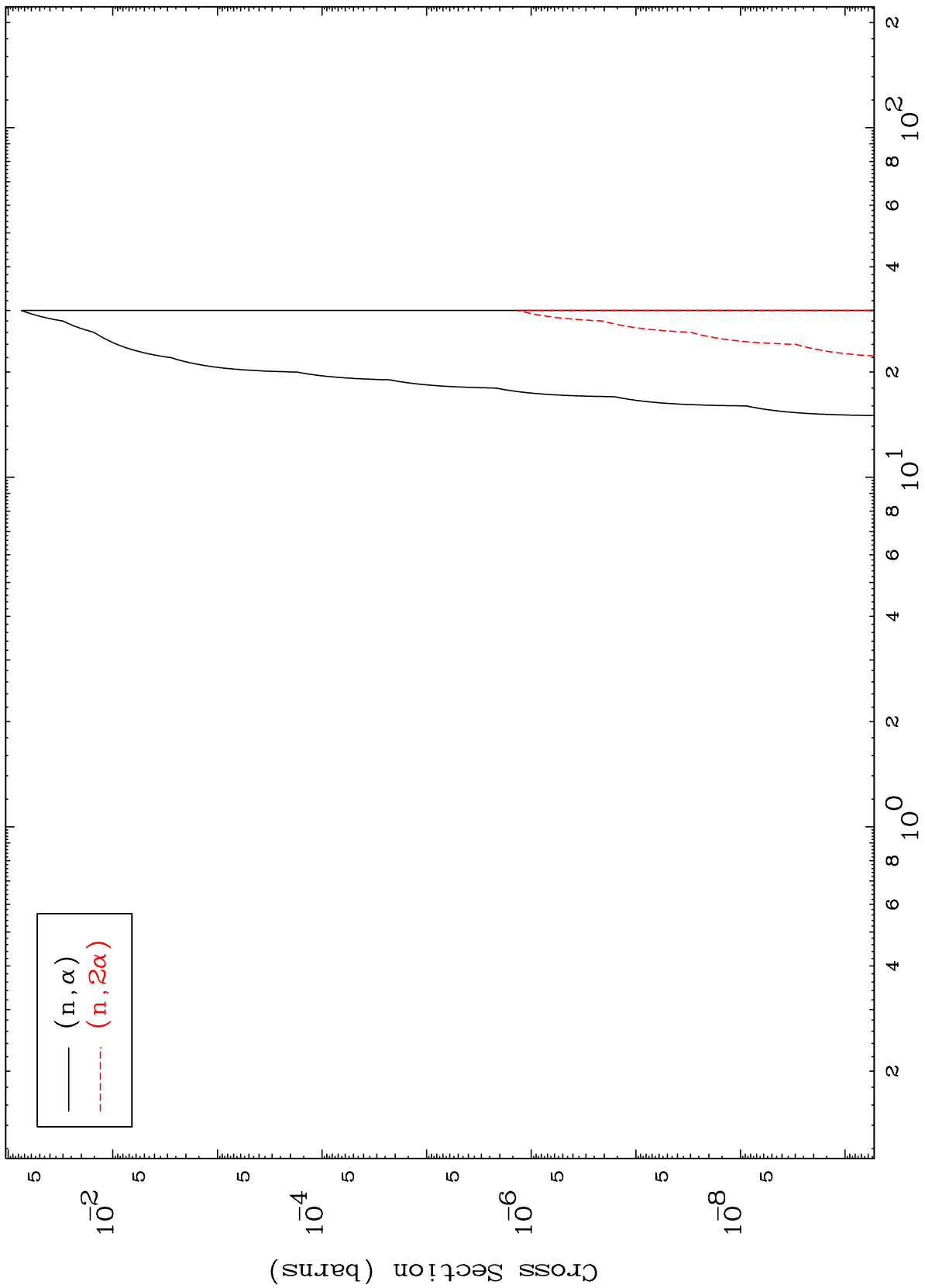
Incident Energy (MeV)

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(α, α) Levels

83-Bi-190

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

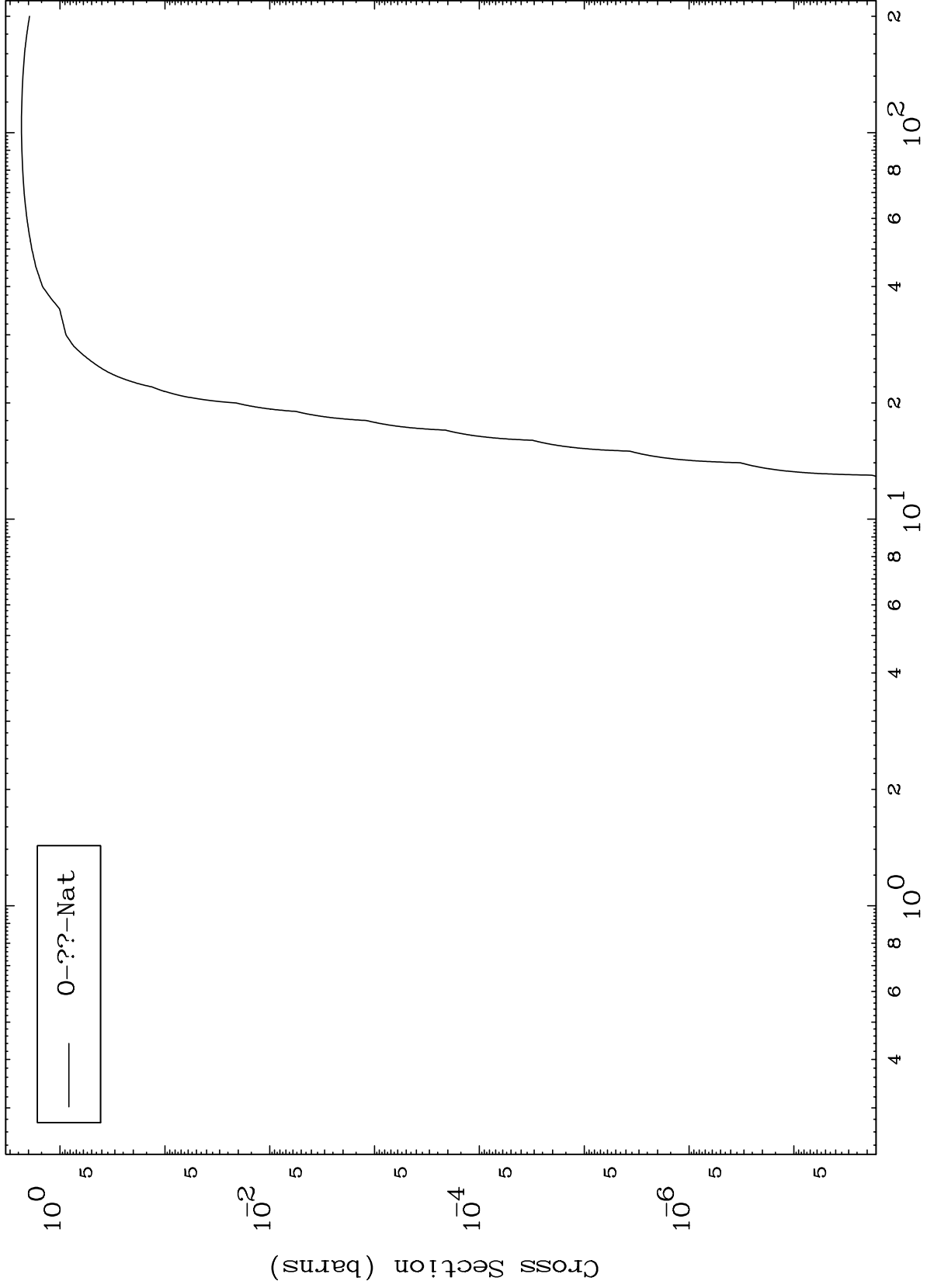
83-Bi-190

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Fission

83-Bi-190

Radionuclide Production Cross Section

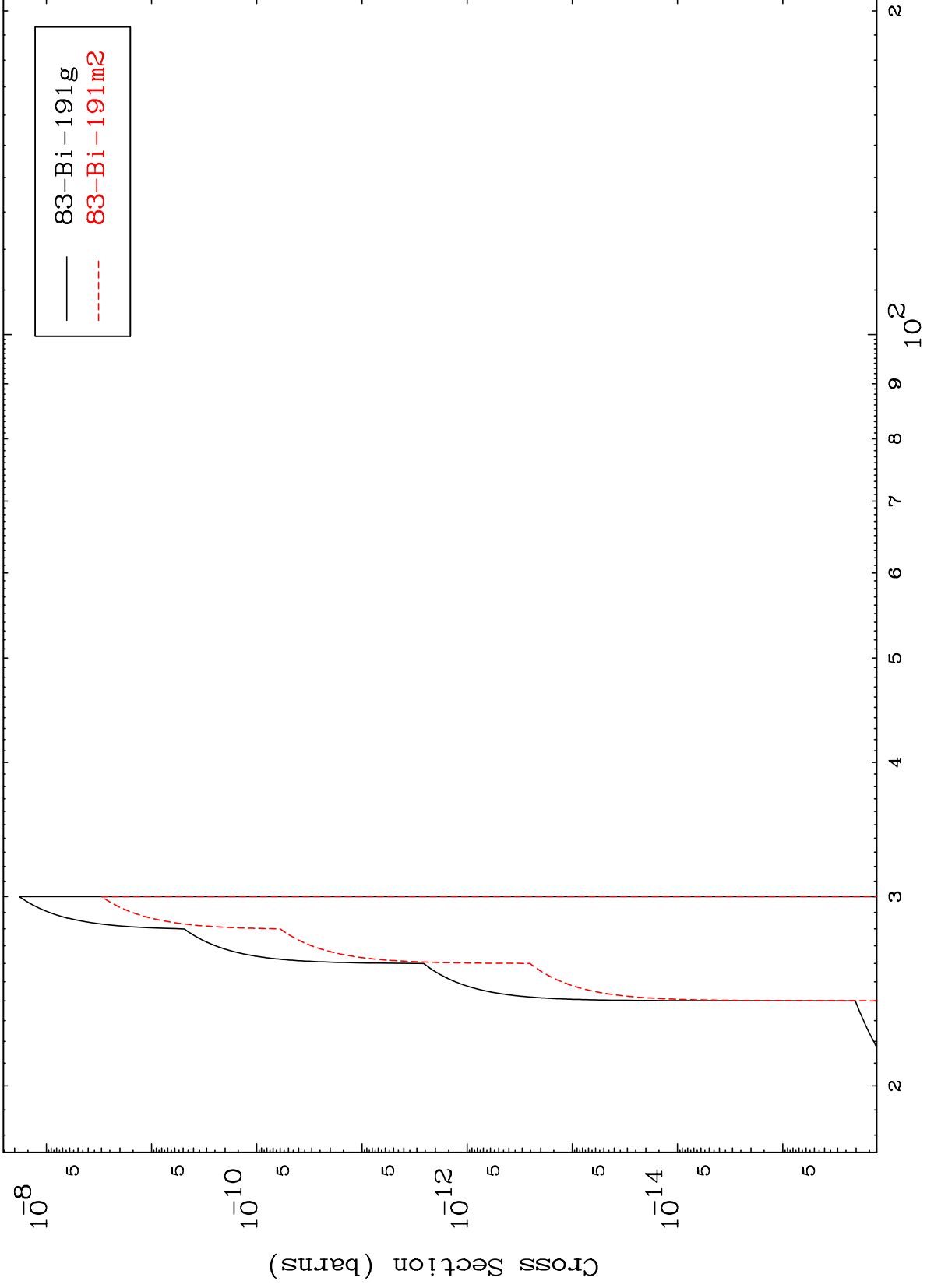


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(n,2n) p

83-Bi-190

Radionuclide Production Cross Section



12

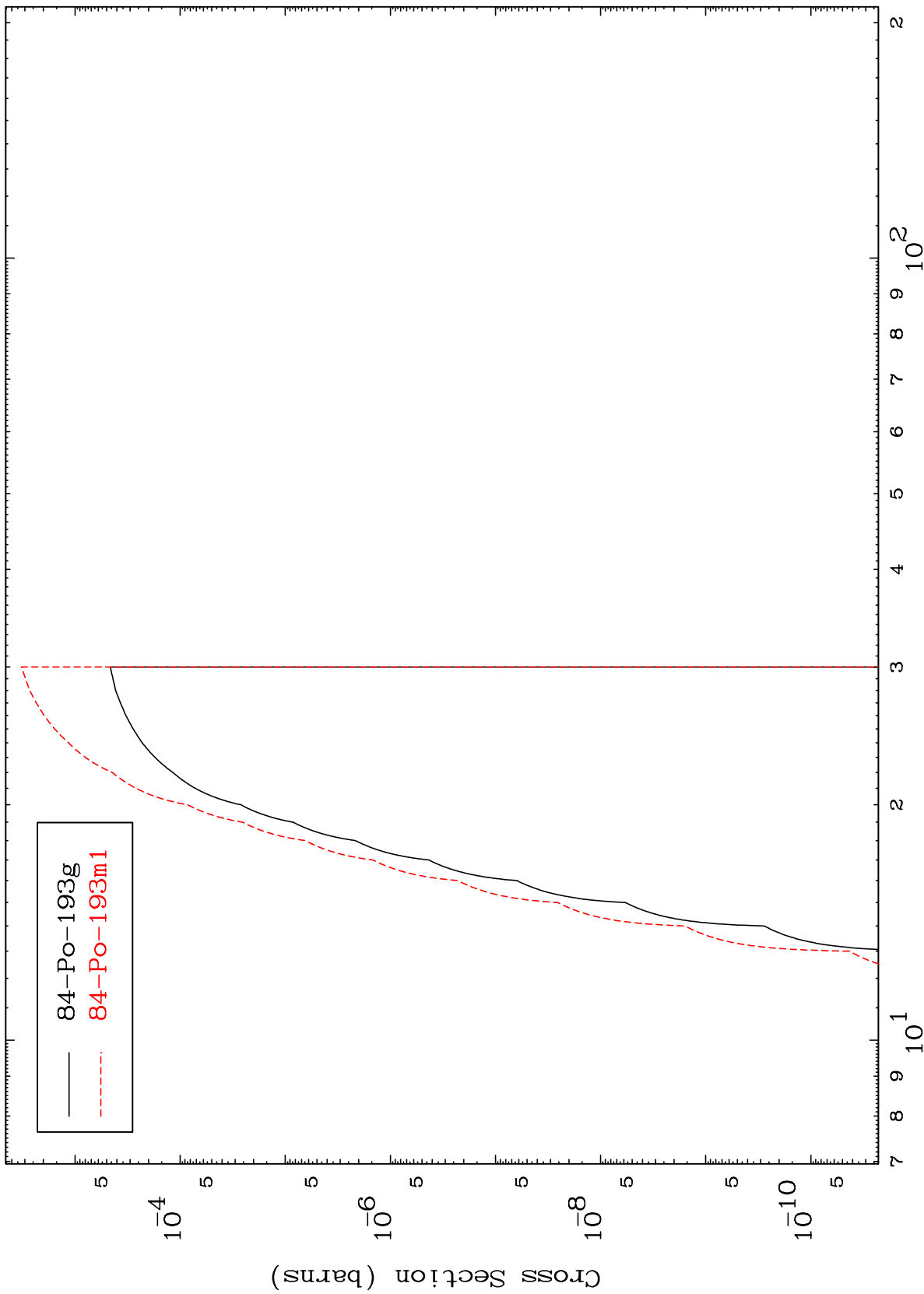
Incident Energy (MeV)

83-Bi-190

MAT 8268

83-Bi-190

(n,p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

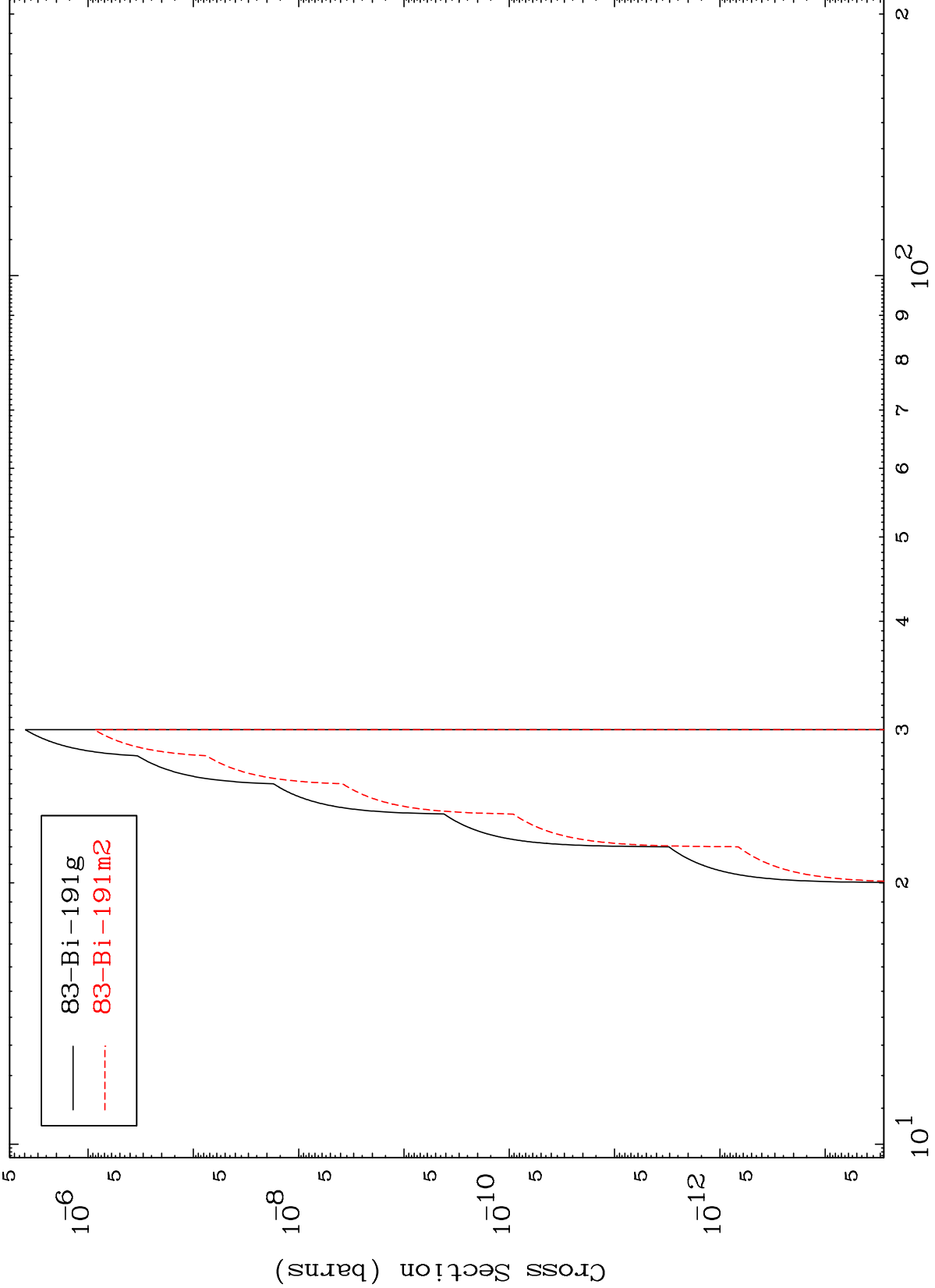
83-Bi-190

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(n,He-3)

83-Bi-190

Radionuclide Production Cross Section



Incident Energy (MeV)

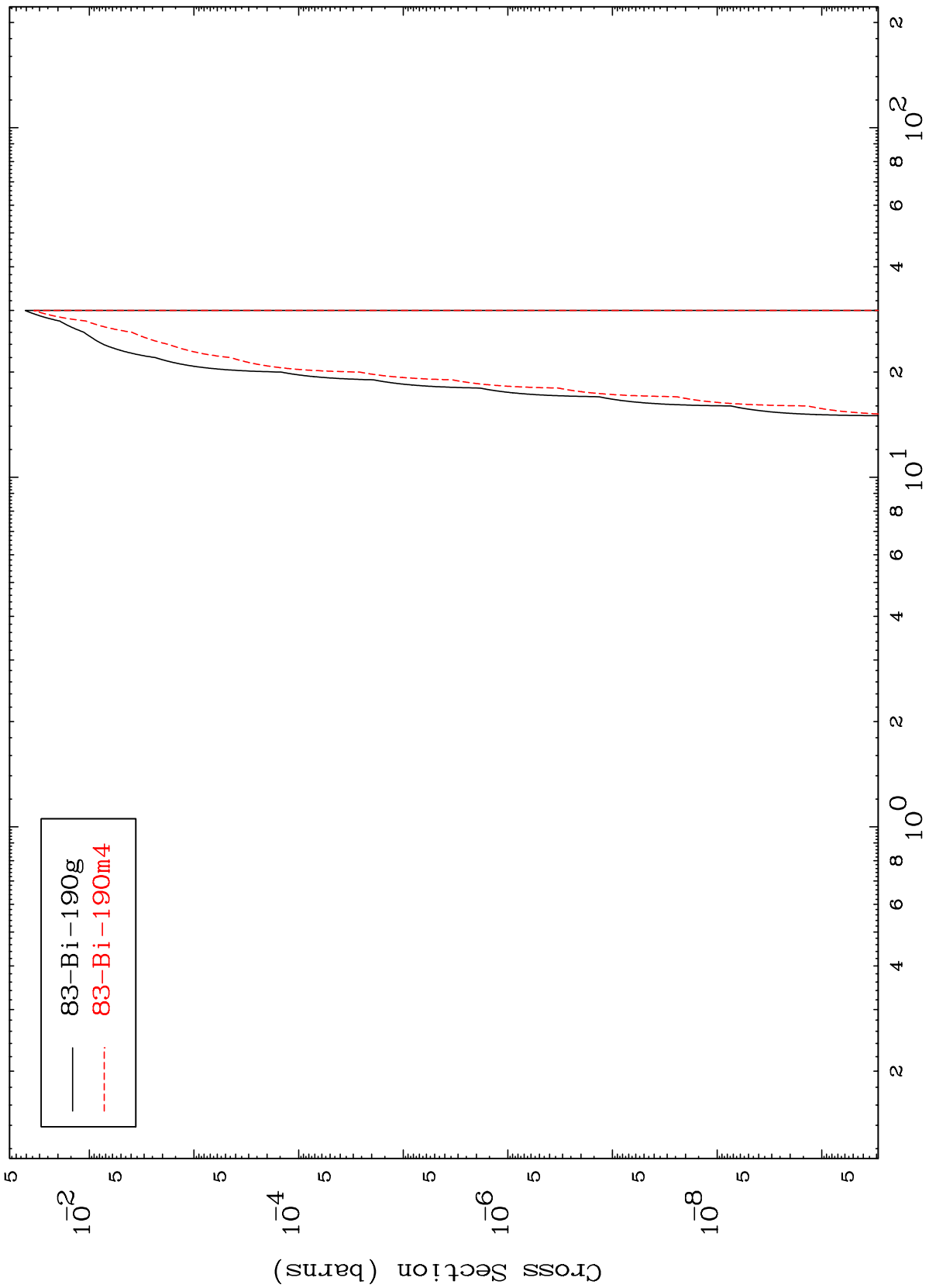
83-Bi-190

14

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83-Bi-190

Radionuclide Production Cross Section
(n, α)



83-Bi-190g
83-Bi-190m4

83-Bi-190

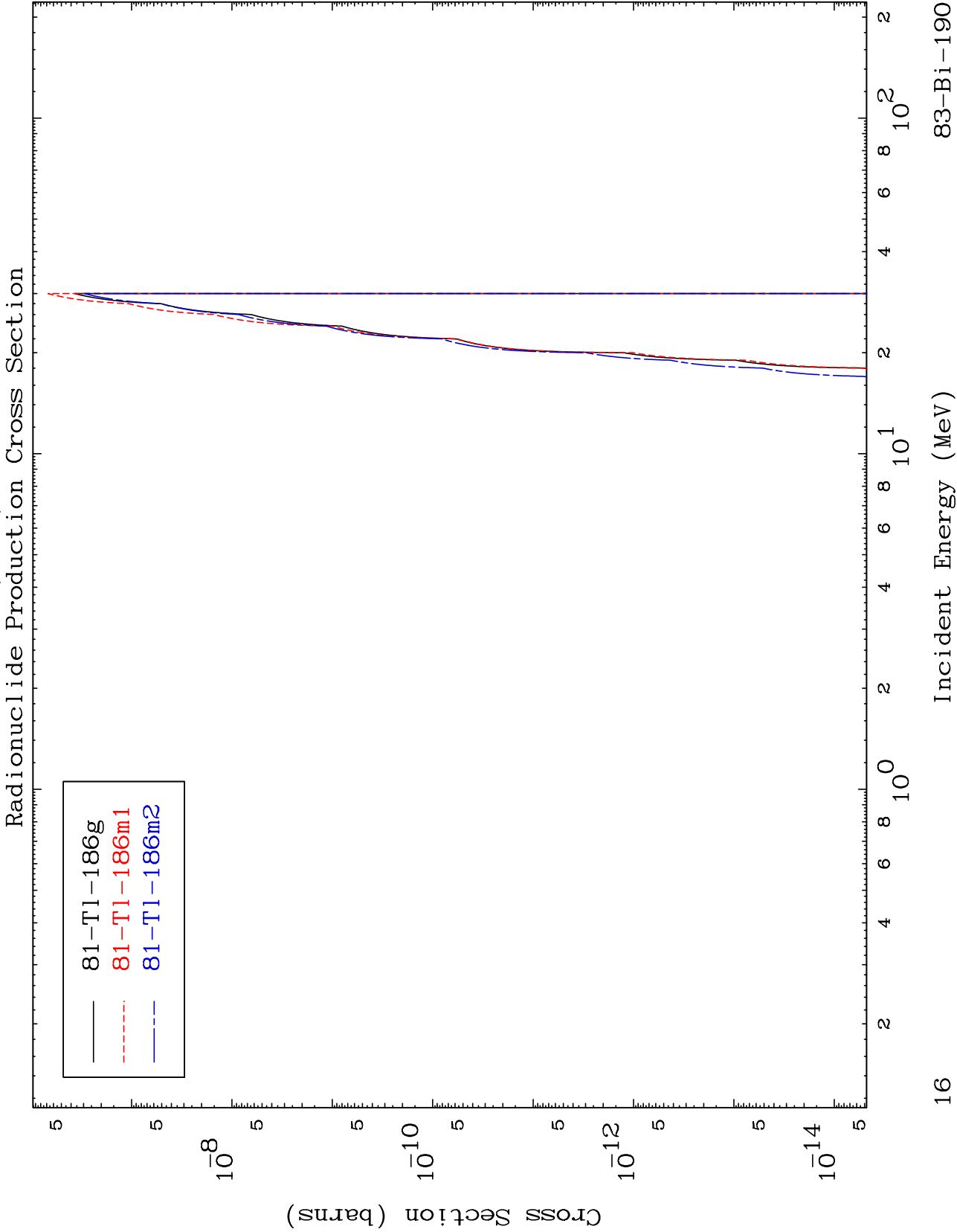
Incident Energy (MeV)

15

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(n,2α)

83-Bi-190

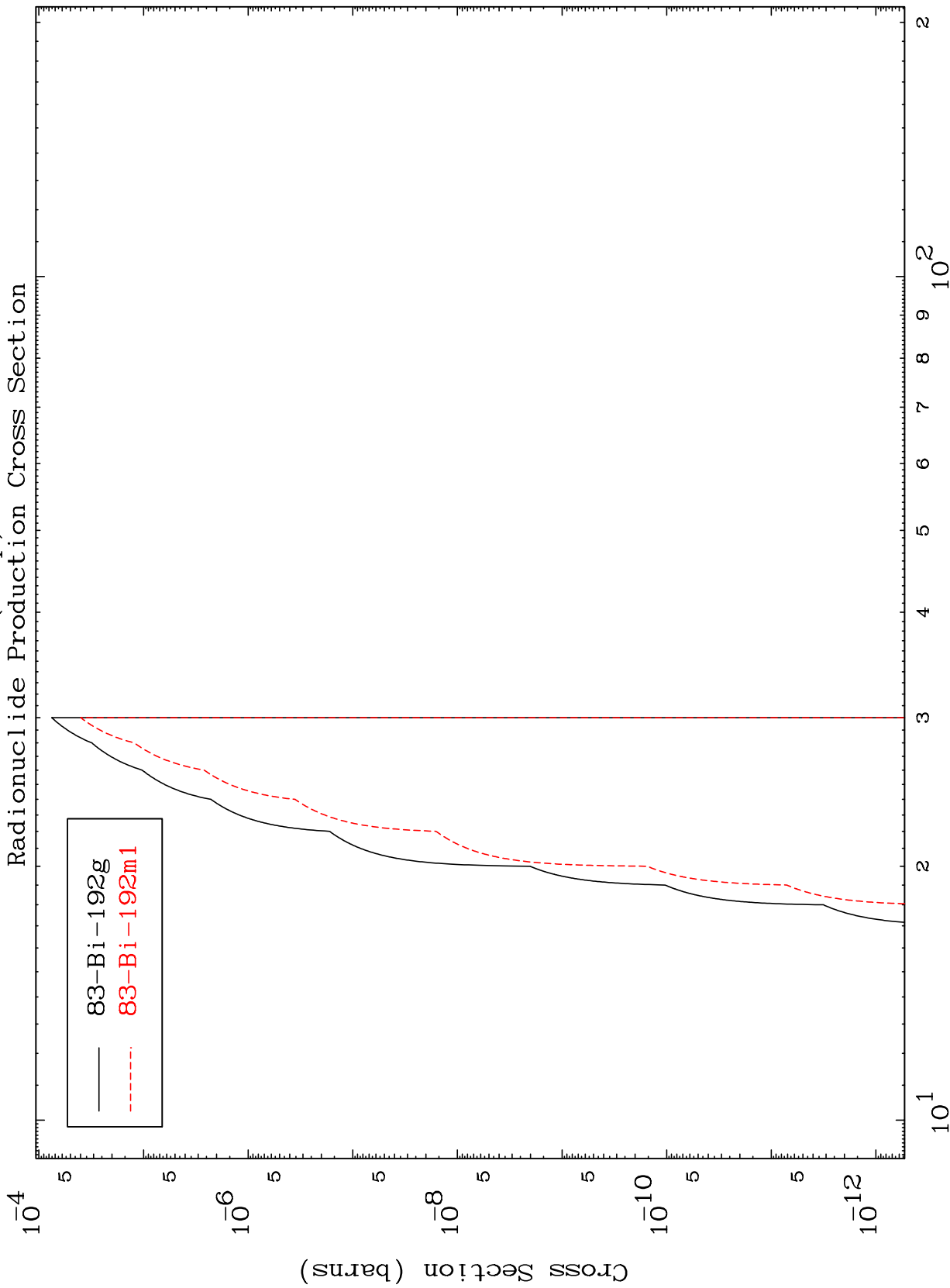


81-Tl-186g
81-Tl-186m1
81-Tl-186m2

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83-Bi-190

(n,2p)
Radionuclide Production Cross Section



83-Bi-192g
83-Bi-192m1

83-Bi-190

Incident Energy (MeV)

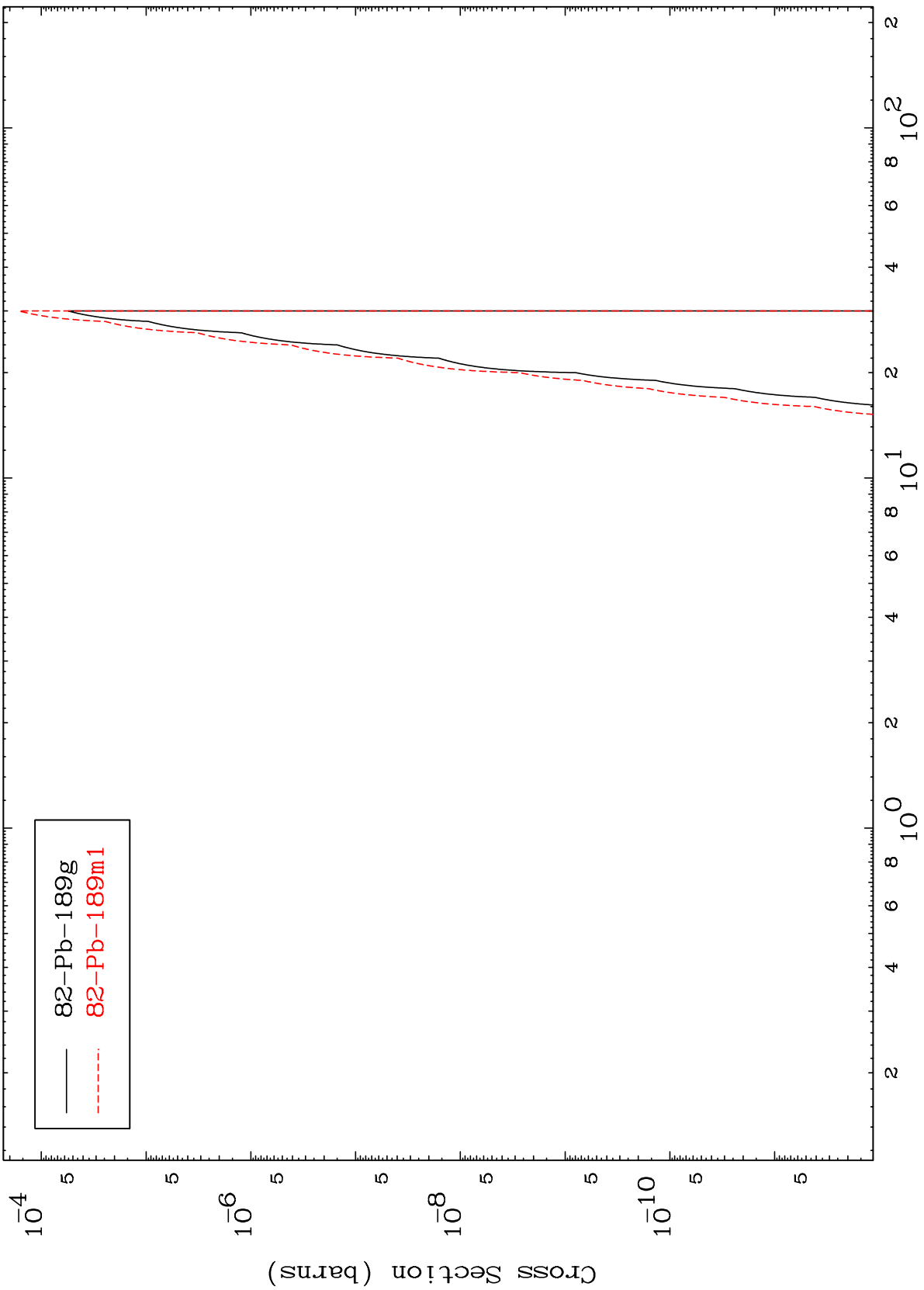
17

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(n,p) α

83-Bi-190

Radionuclide Production Cross Section



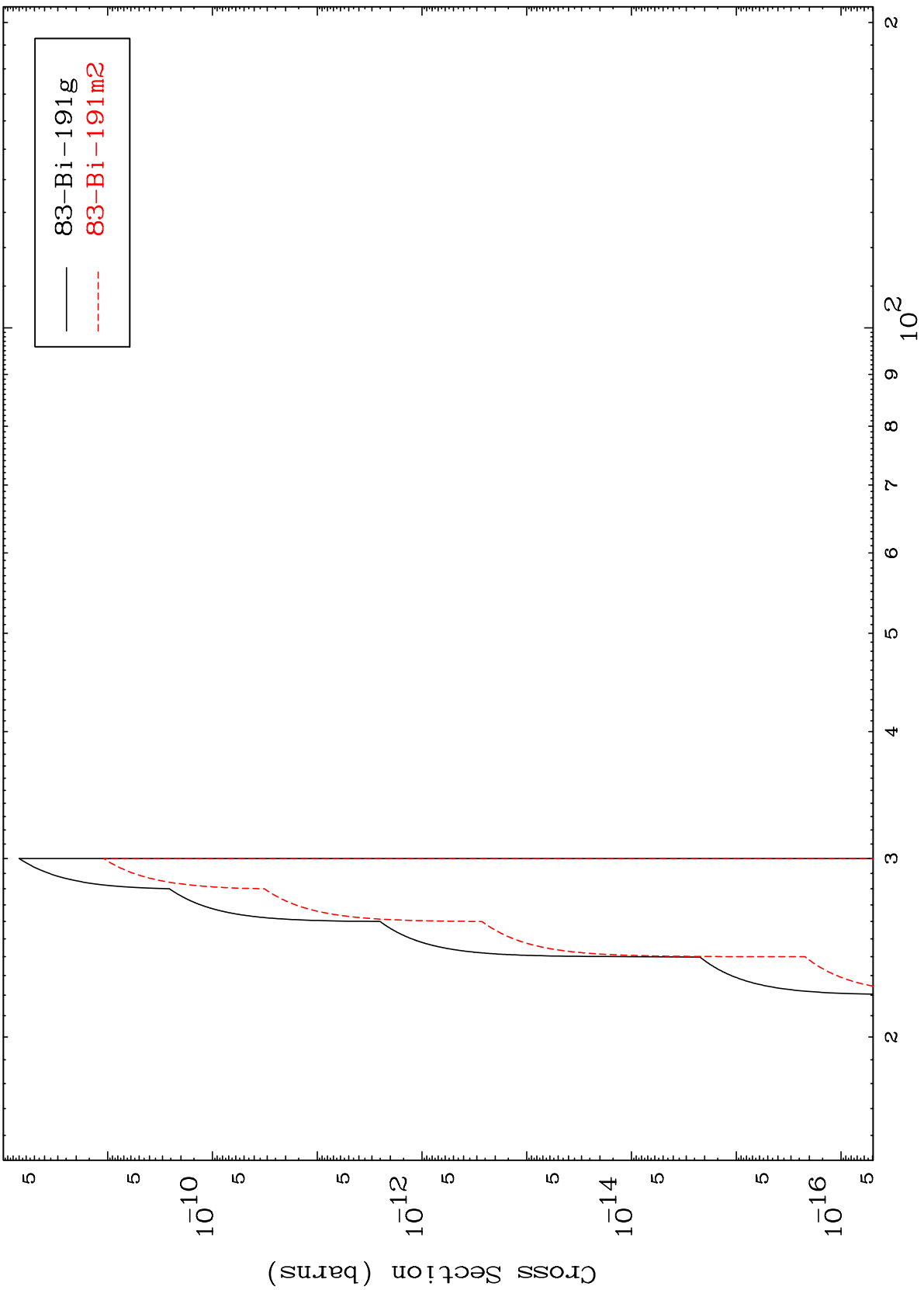
— 82-Pb-189g
- - - 82-Pb-189m1

MAT 8268

(n,p) d

83-Bi-190

Radionuclide Production Cross Section



19

Incident Energy (MeV)

83-Bi-190