

Program EVALPLOT
(Version 2018-1)

by

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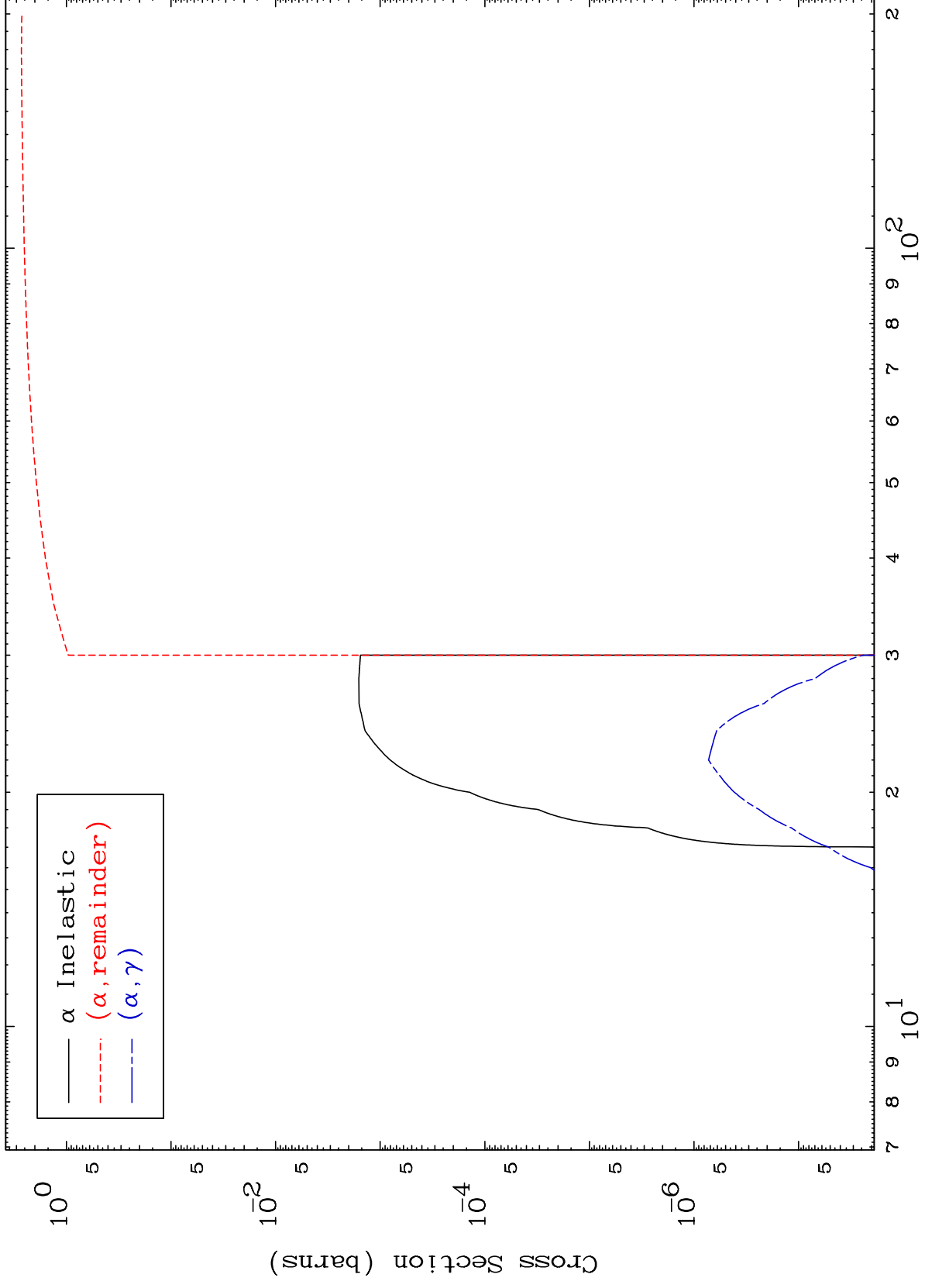
Press Mouse Button to Start

MAT 8269

α Major

83-Bi-190

0 Kelvin Cross Sections



α Inelastic
(α , remainder)
(α , γ)

1

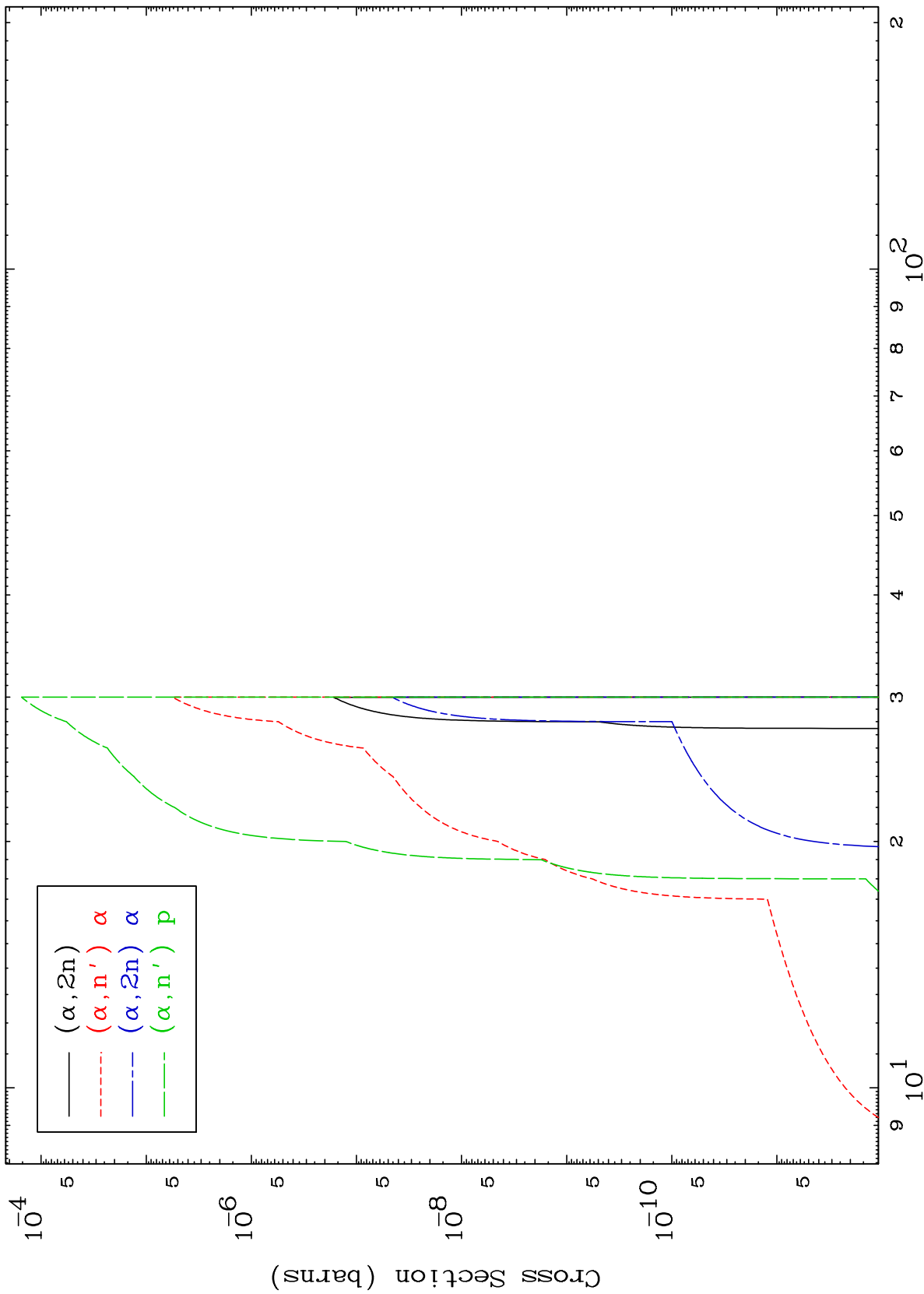
Incident Energy (MeV)

83-Bi-190

MAT 8269

α Neutron Production
0 Kelvin Cross Sections

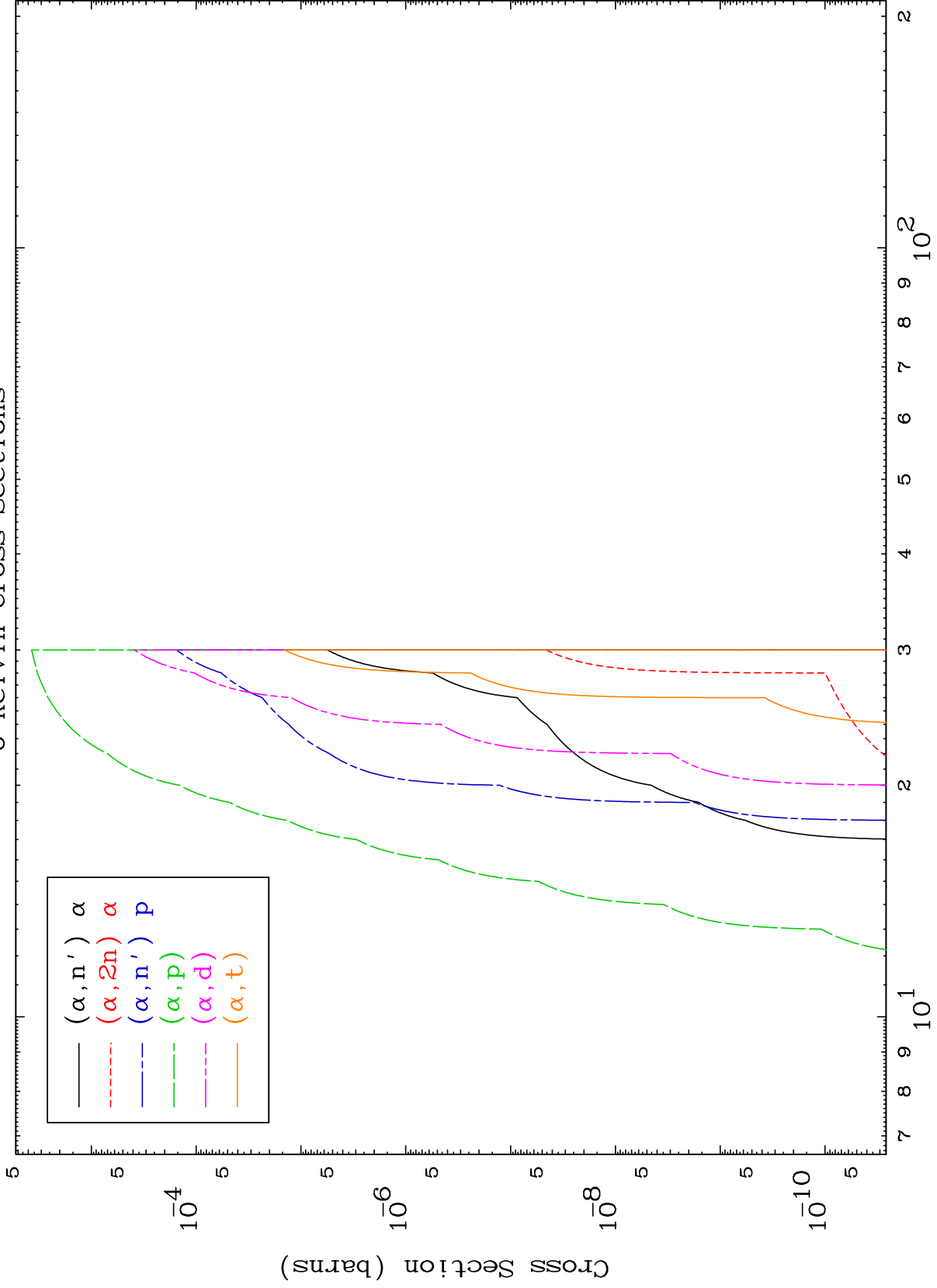
83-Bi-190



83-Bi-190

Incident Energy (MeV)

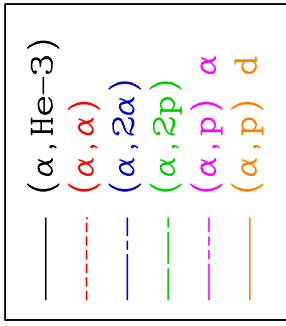
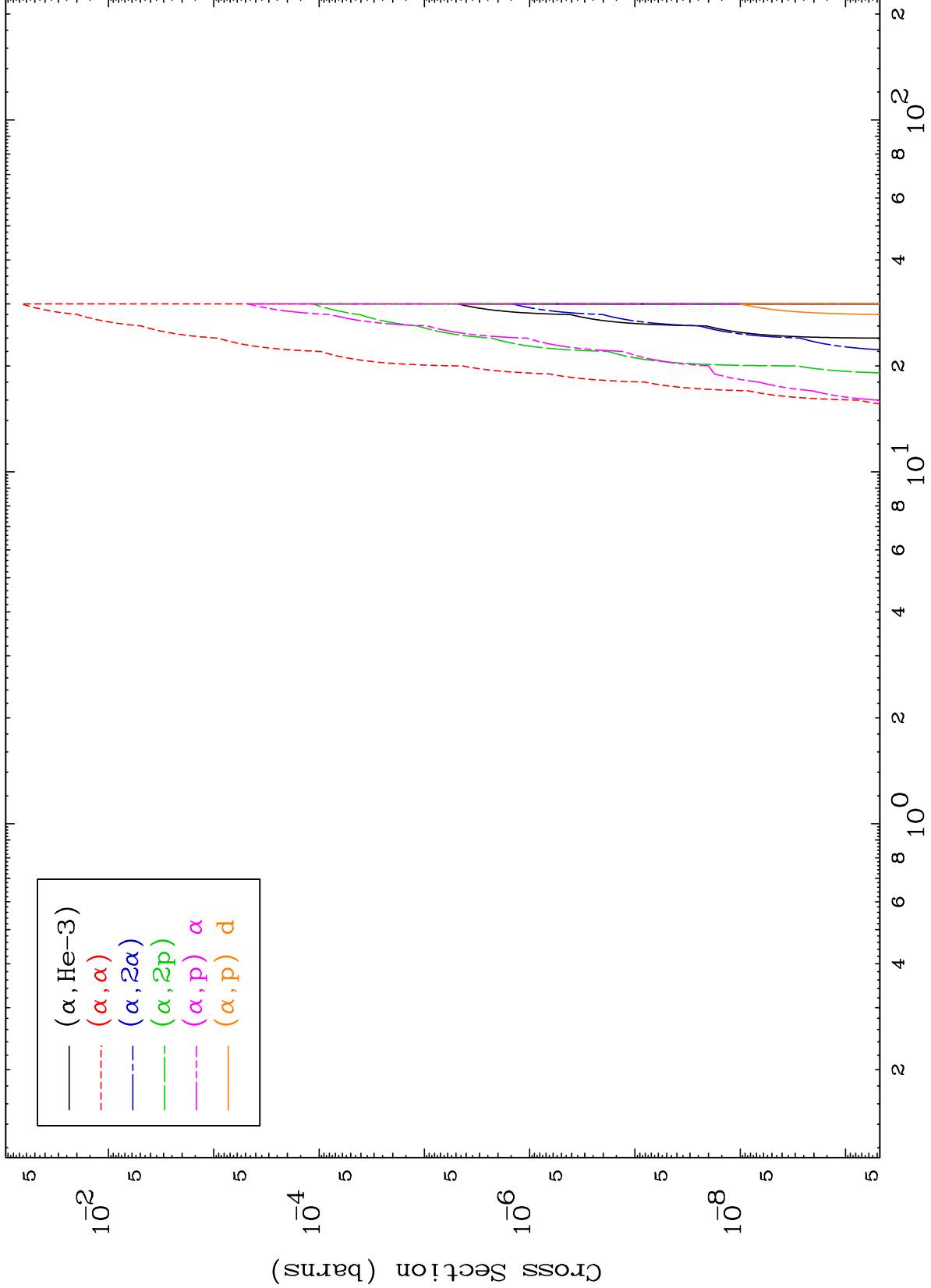
2



MAT 8269

α Charged Particle
0 Kelvin Cross Sections

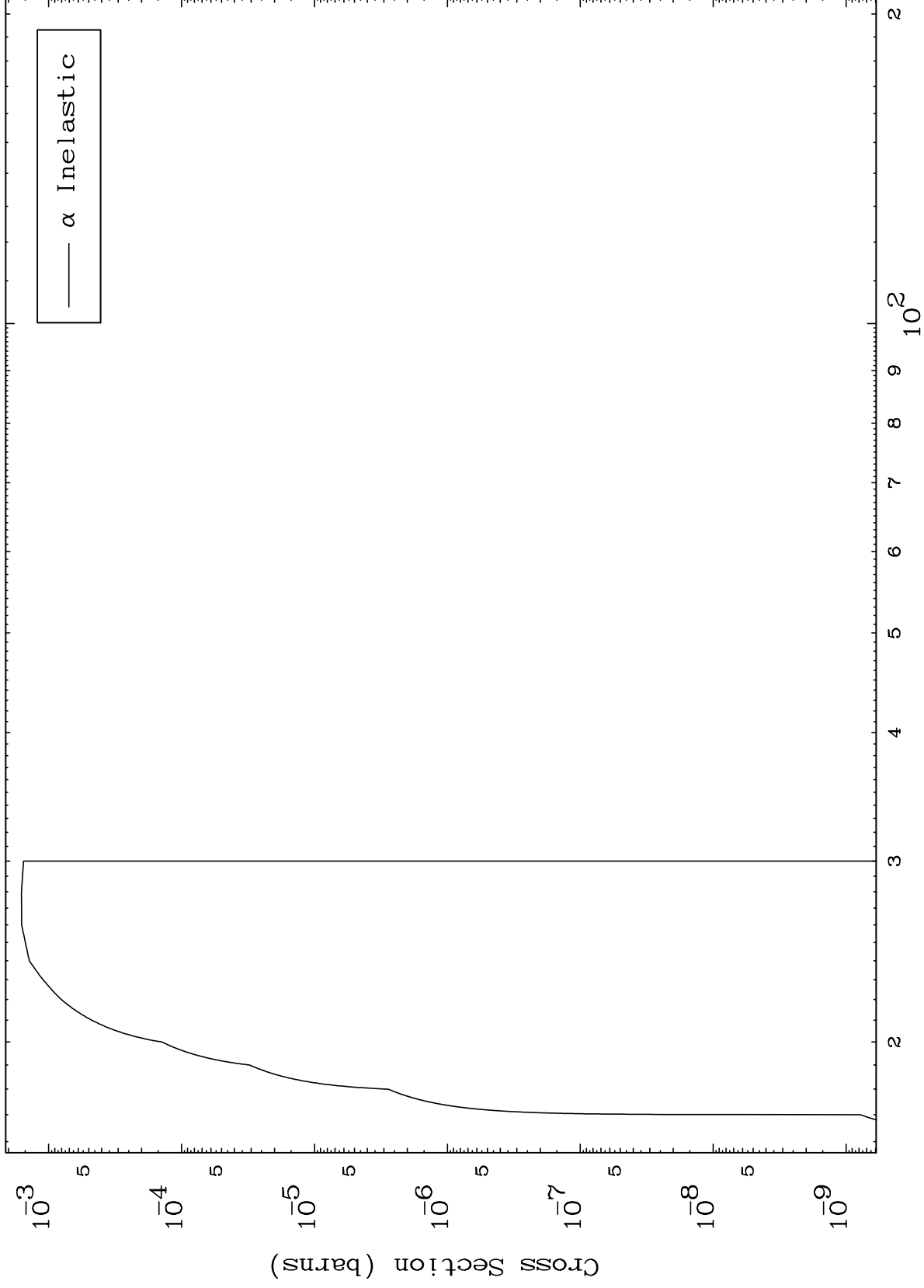
83-Bi-190



MAT 8269

(α, n') Level
0 Kelvin Cross Sections

83-Bi-190



5

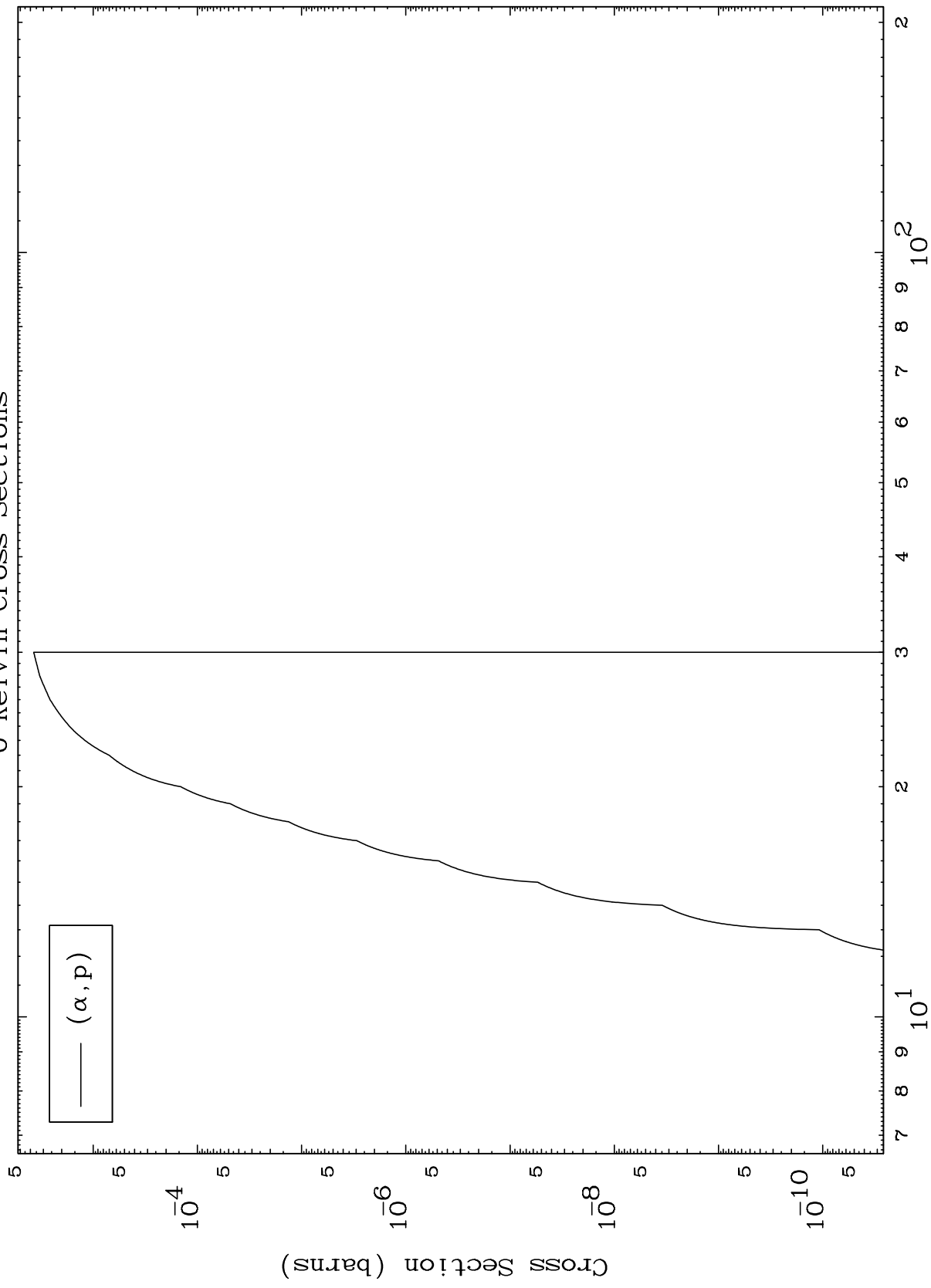
Incident Energy (MeV)

83-Bi-190

MAT 8269

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-190



6

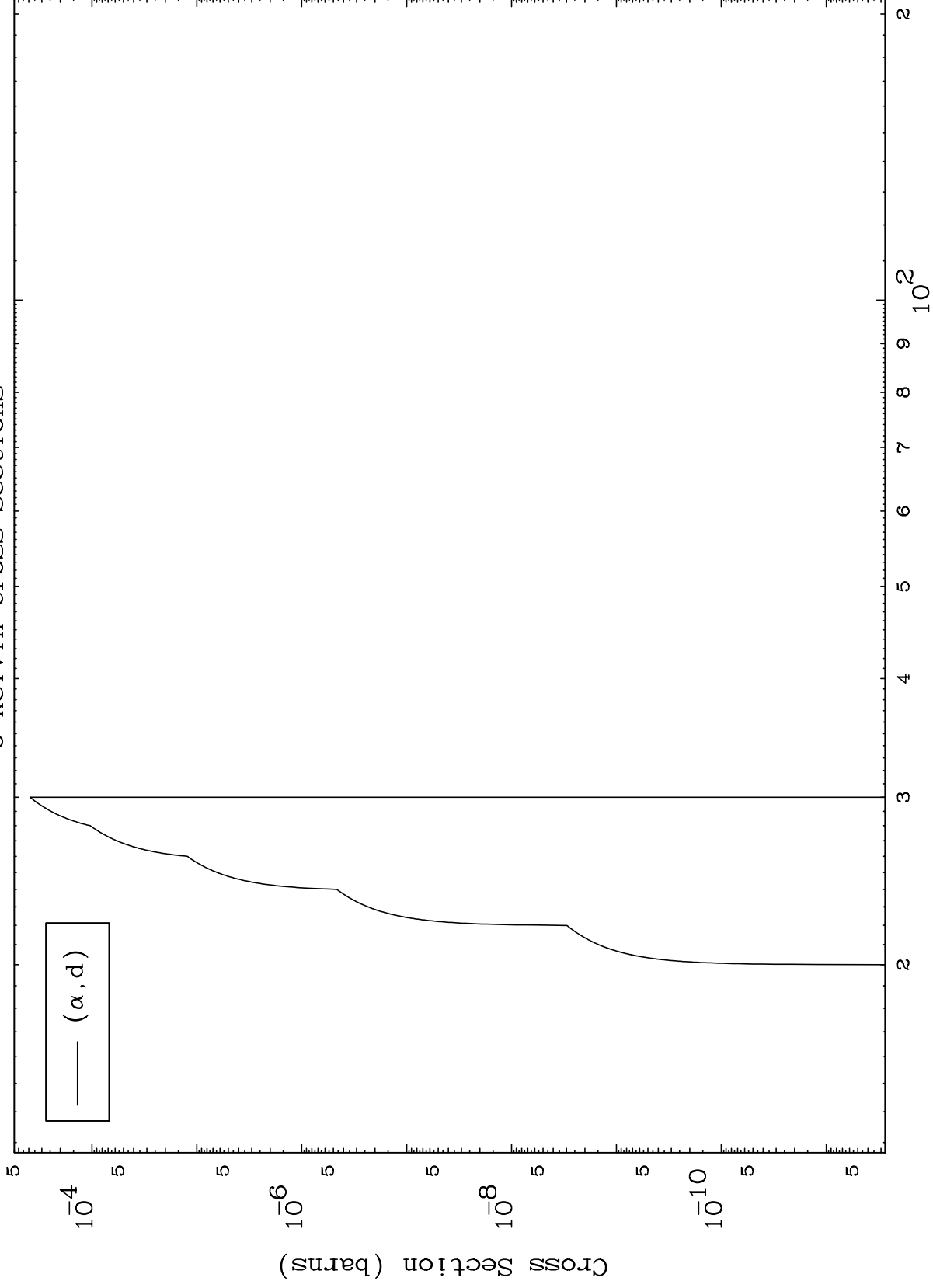
Incident Energy (MeV)

83-Bi-190

MAT 8269

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-190



7

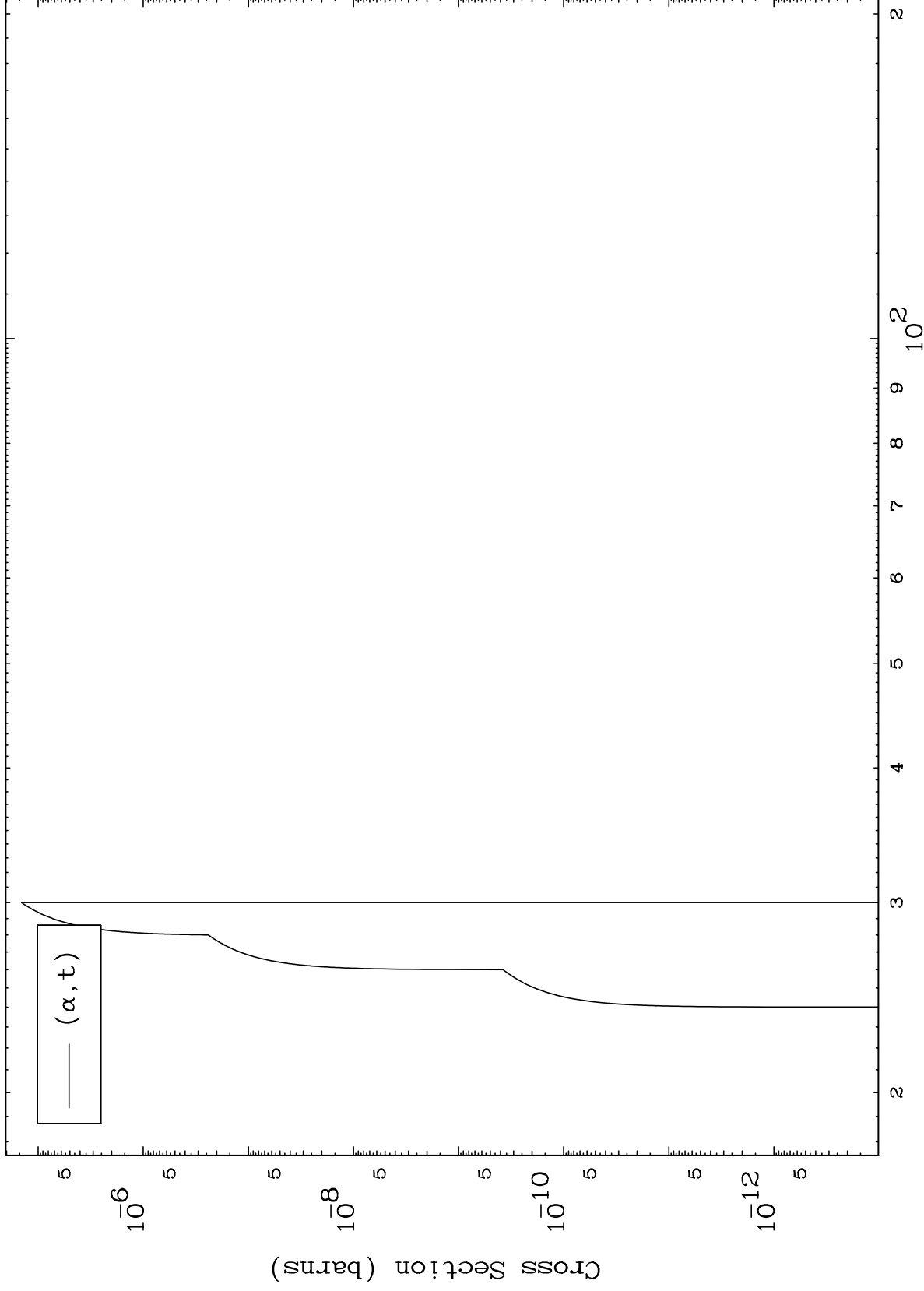
Incident Energy (MeV)

83-Bi-190

MAT 8269

(α, t) Levels
0 Kelvin Cross Sections

83-Bi-190



8

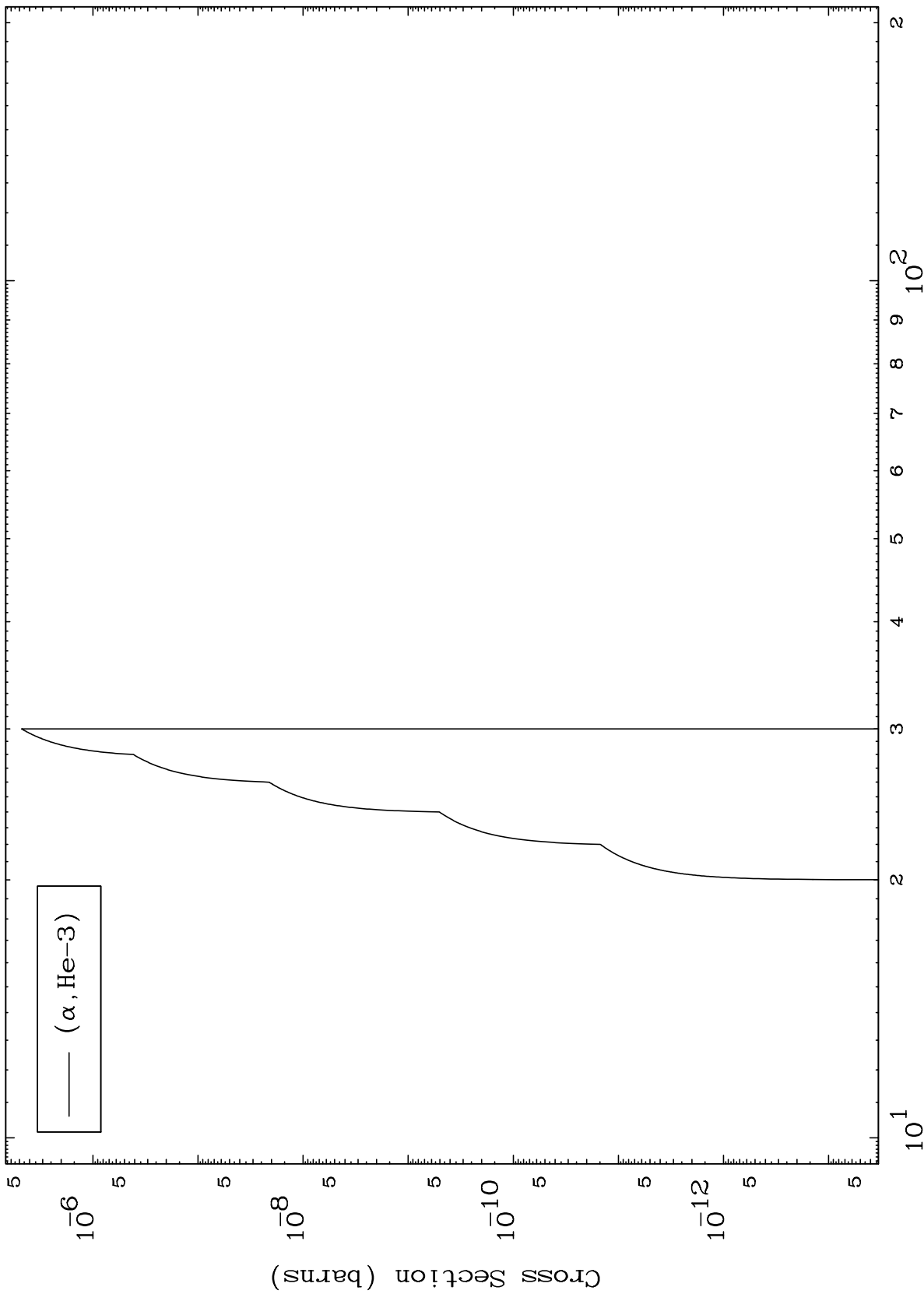
Incident Energy (MeV)

83-Bi-190

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

83-Bi-190



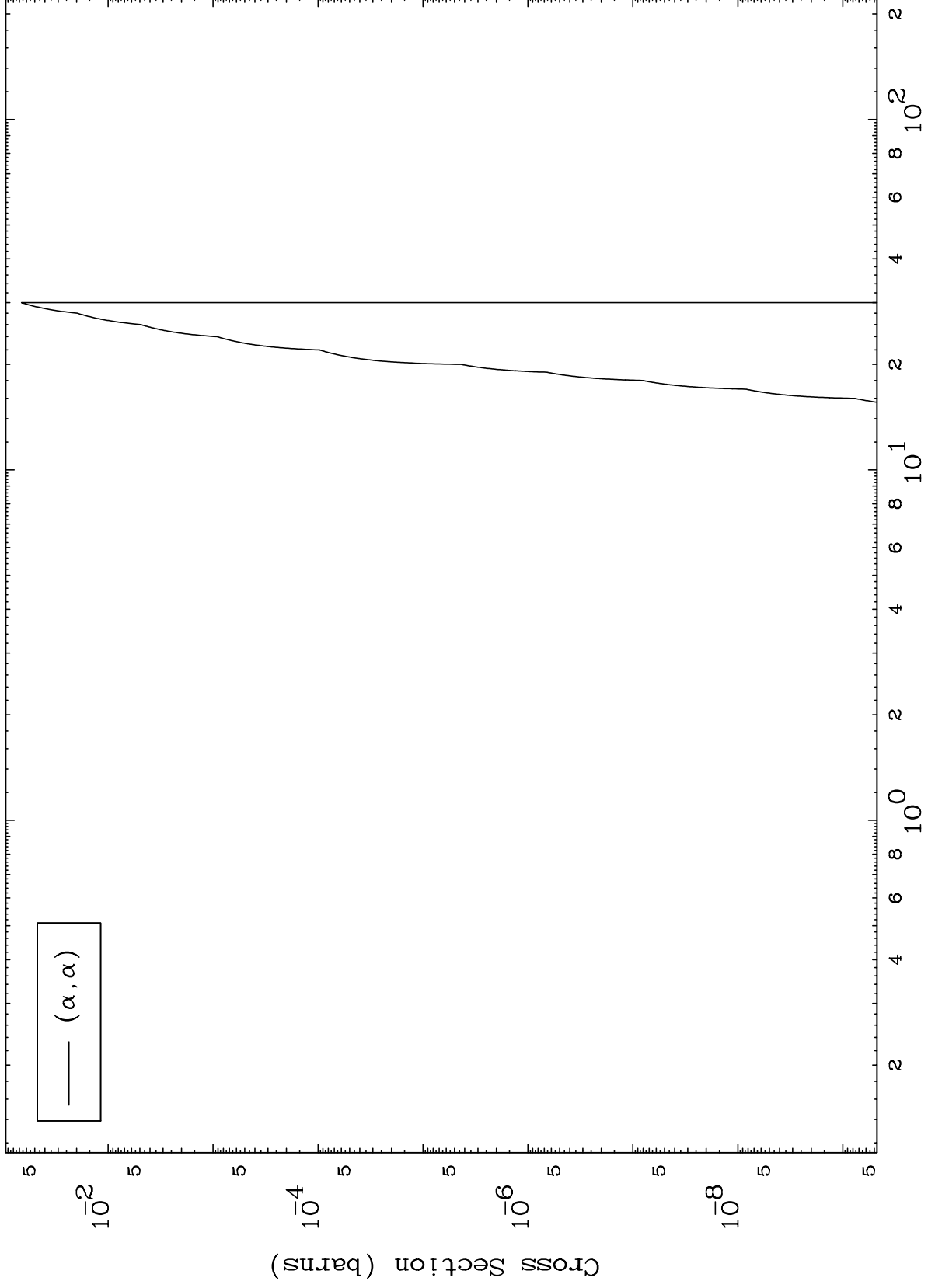
Incident Energy (MeV)

83-Bi-190

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(α, α) Levels
0 Kelvin Cross Sections

83-Bi-190



(α, α)

10

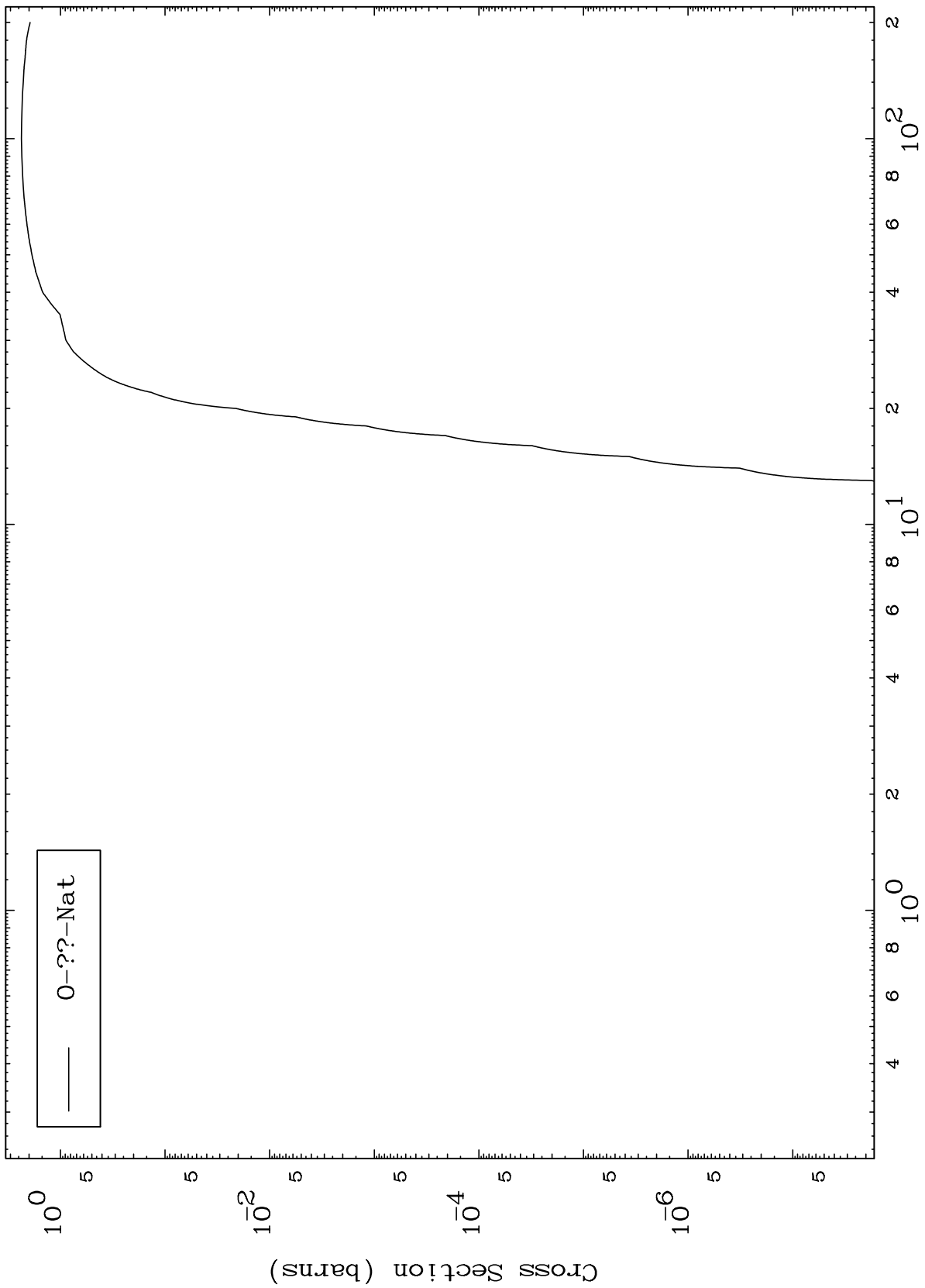
Incident Energy (MeV)

83-Bi-190

MAT 8269

83-Bi-190

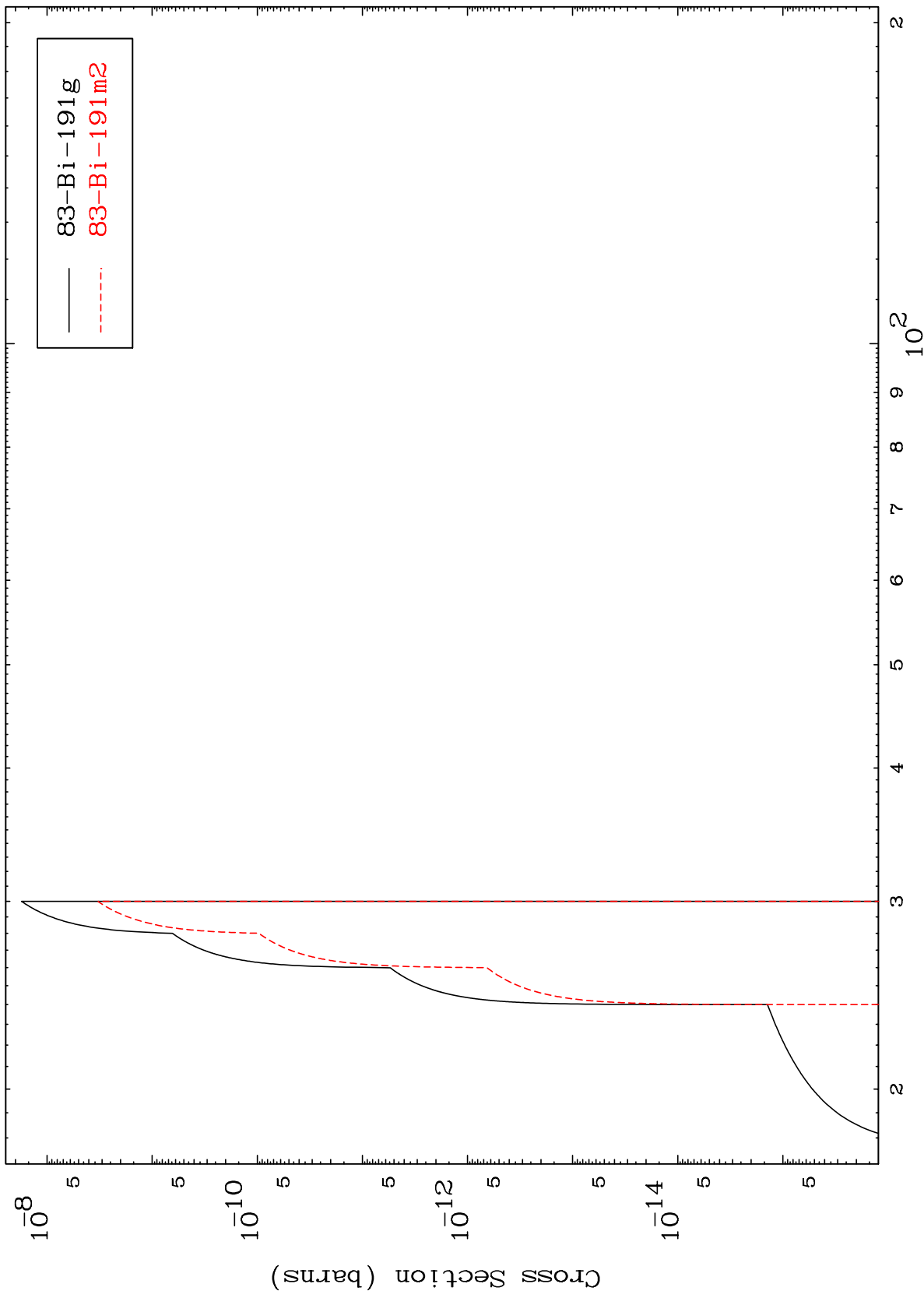
α Fission
Radionuclide Production Cross Section



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83-Bi-190

$(\alpha, 2n)$ p
Radionuclide Production Cross Section



12

83-Bi-190

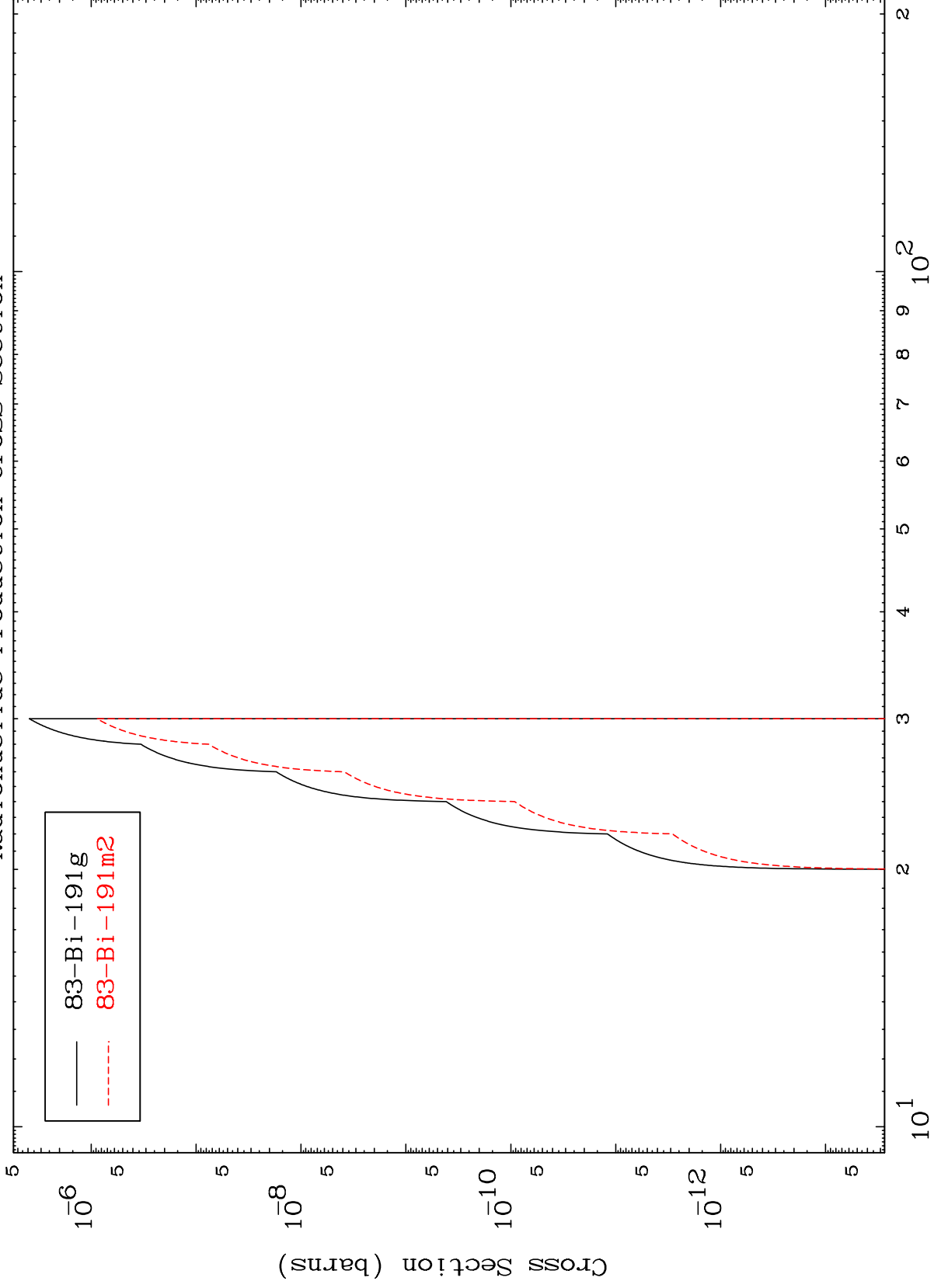
Incident Energy (MeV)

MAT 8269

($\alpha, \text{He-3}$)

83-Bi-190

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-190

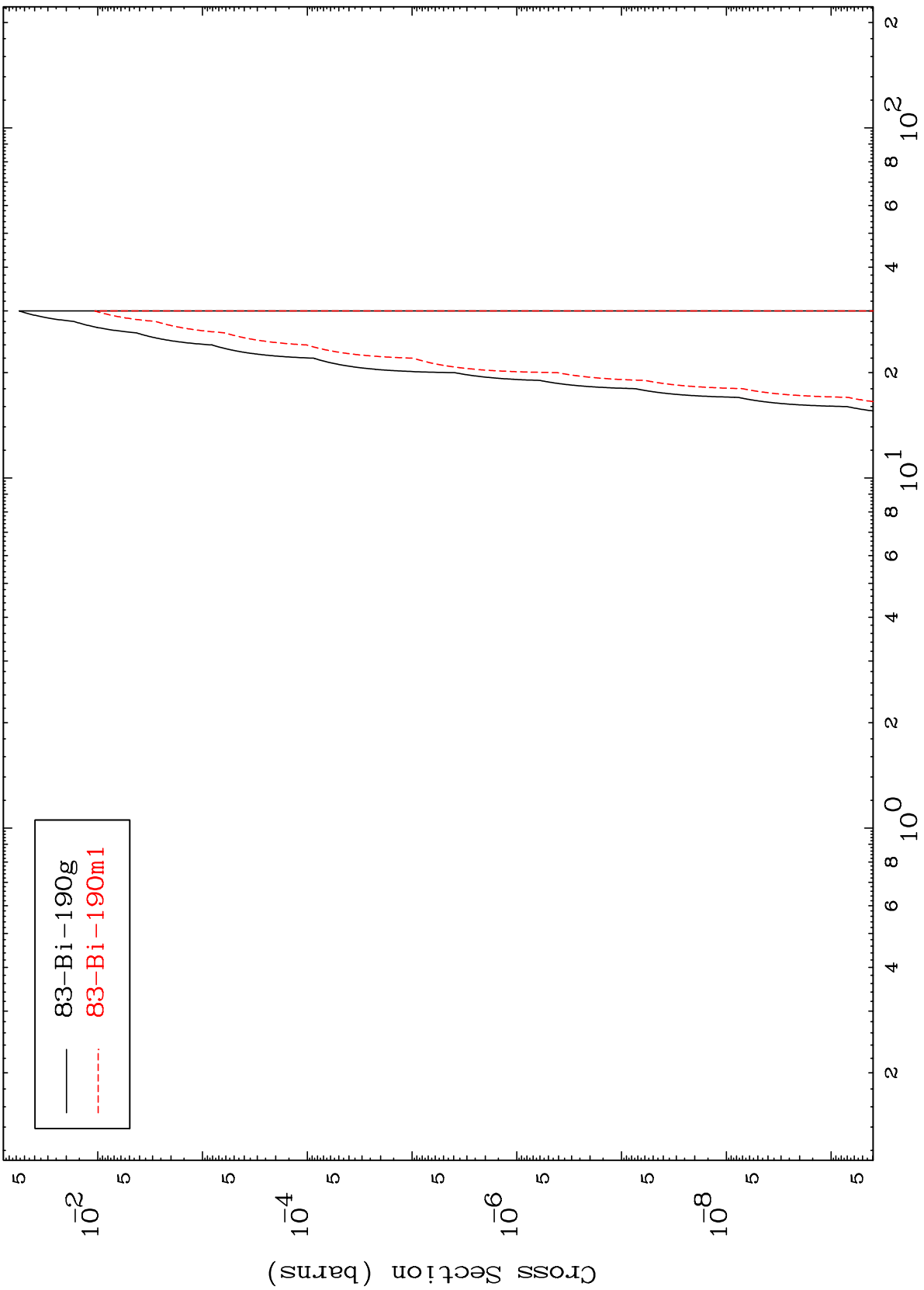
13

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(α, α)

83-Bi-190

Radionuclide Production Cross Section



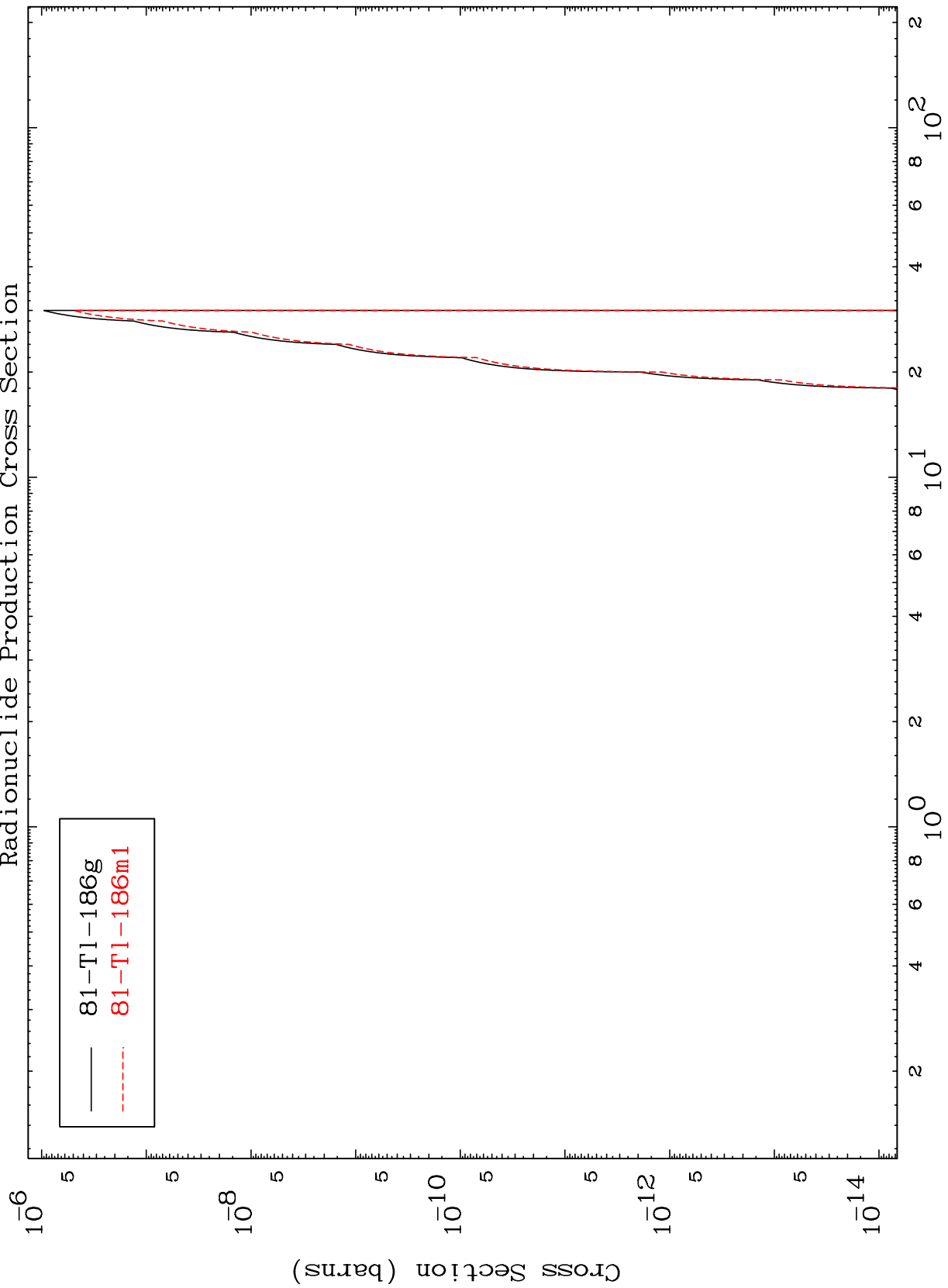
83-Bi-190g
83-Bi-190m1

MAT 8269

83-Bi-190

($\alpha, 2\alpha$)

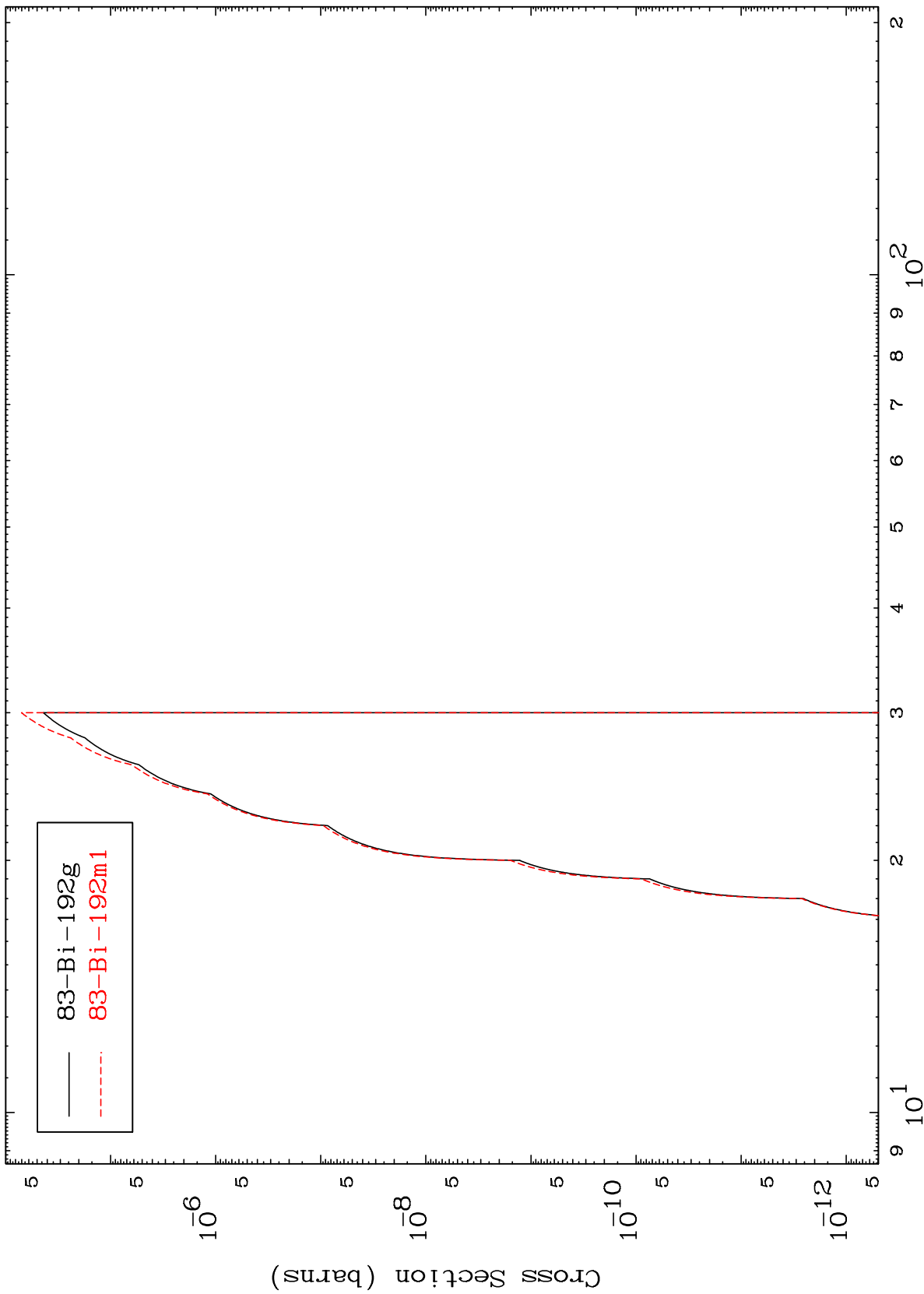
Radionuclide Production Cross Section



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83-Bi-190

Radionuclide Production Cross Section
($\alpha, 2p$)



83-Bi-190

Incident Energy (MeV)

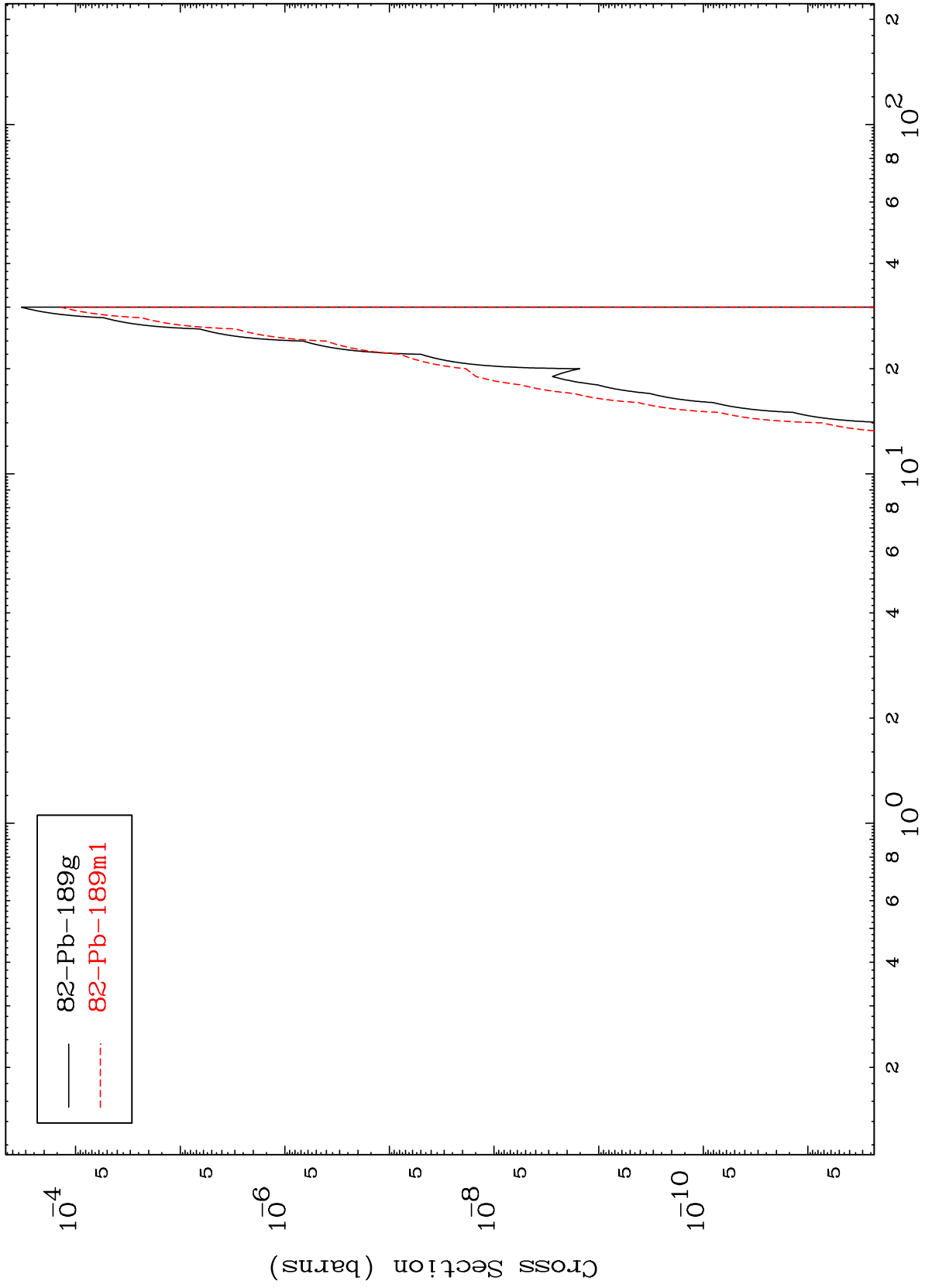
16

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(α, p) α

83-Bi-190

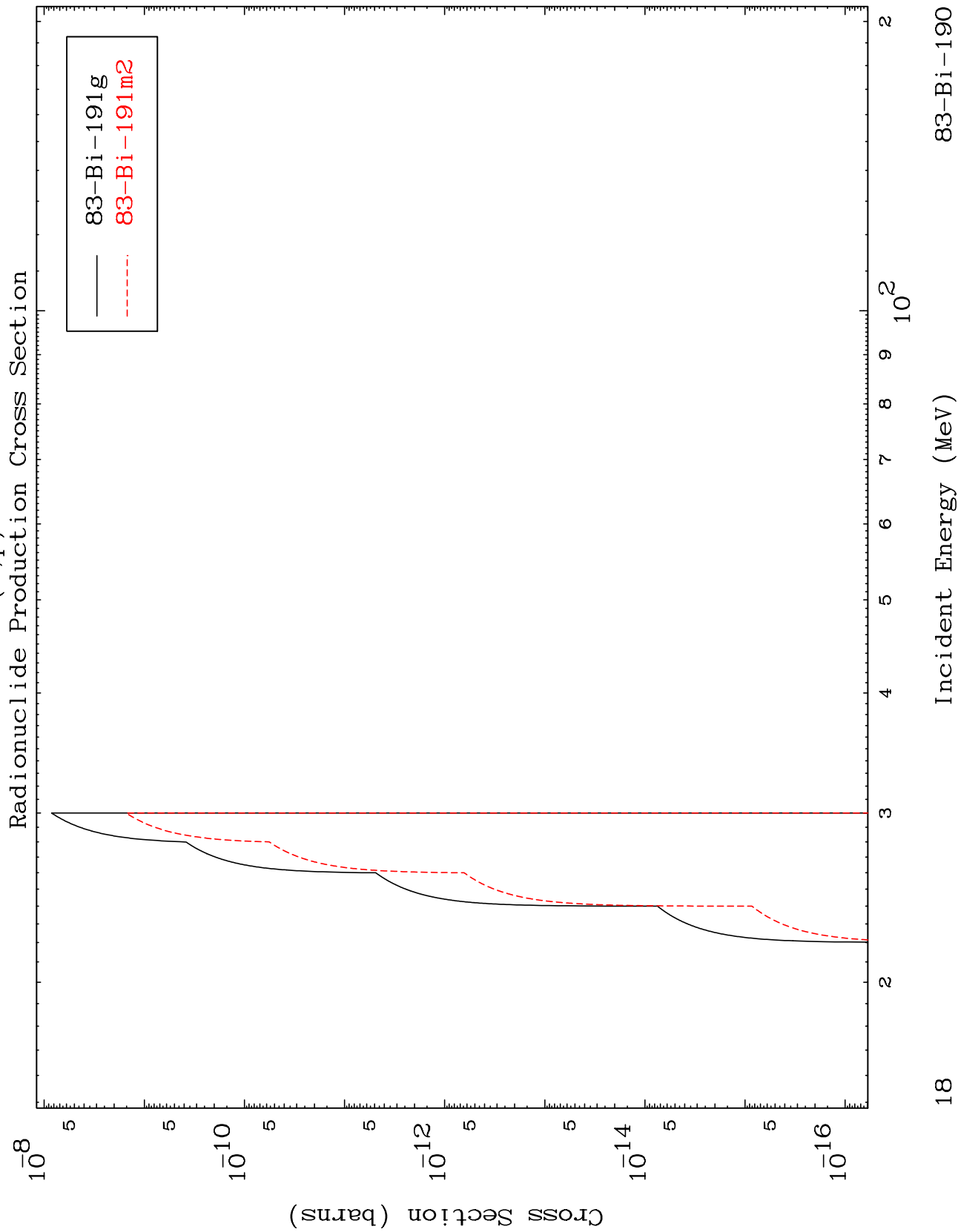
Radionuclide Production Cross Section



MAT 8269

(α, p) d

83-Bi-190



18

83-Bi-190