

Program EVALPLOT
(Version 2021-1)

by

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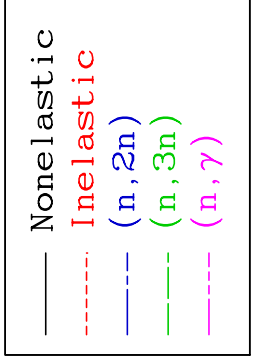
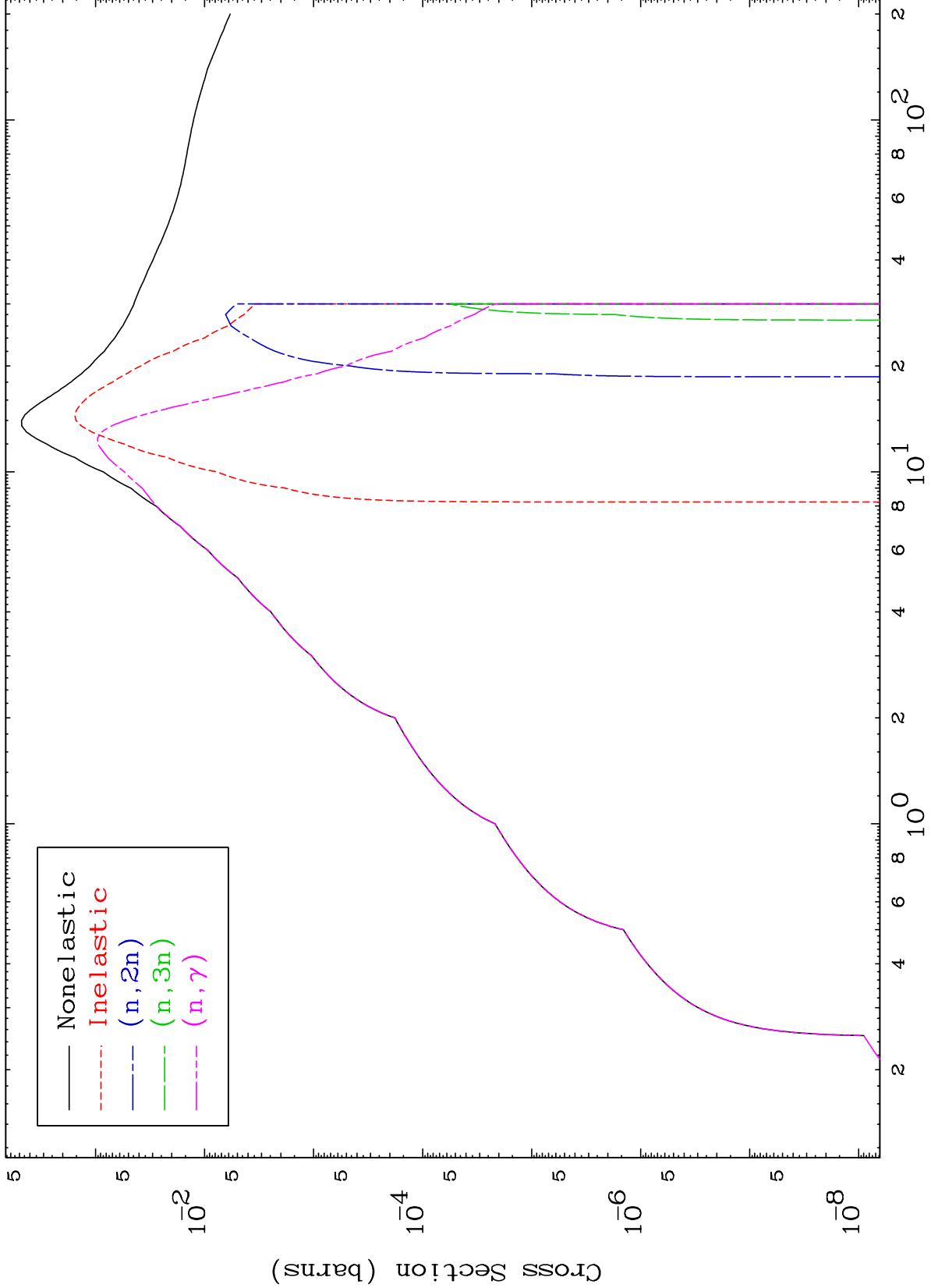
Press Mouse Button to Start

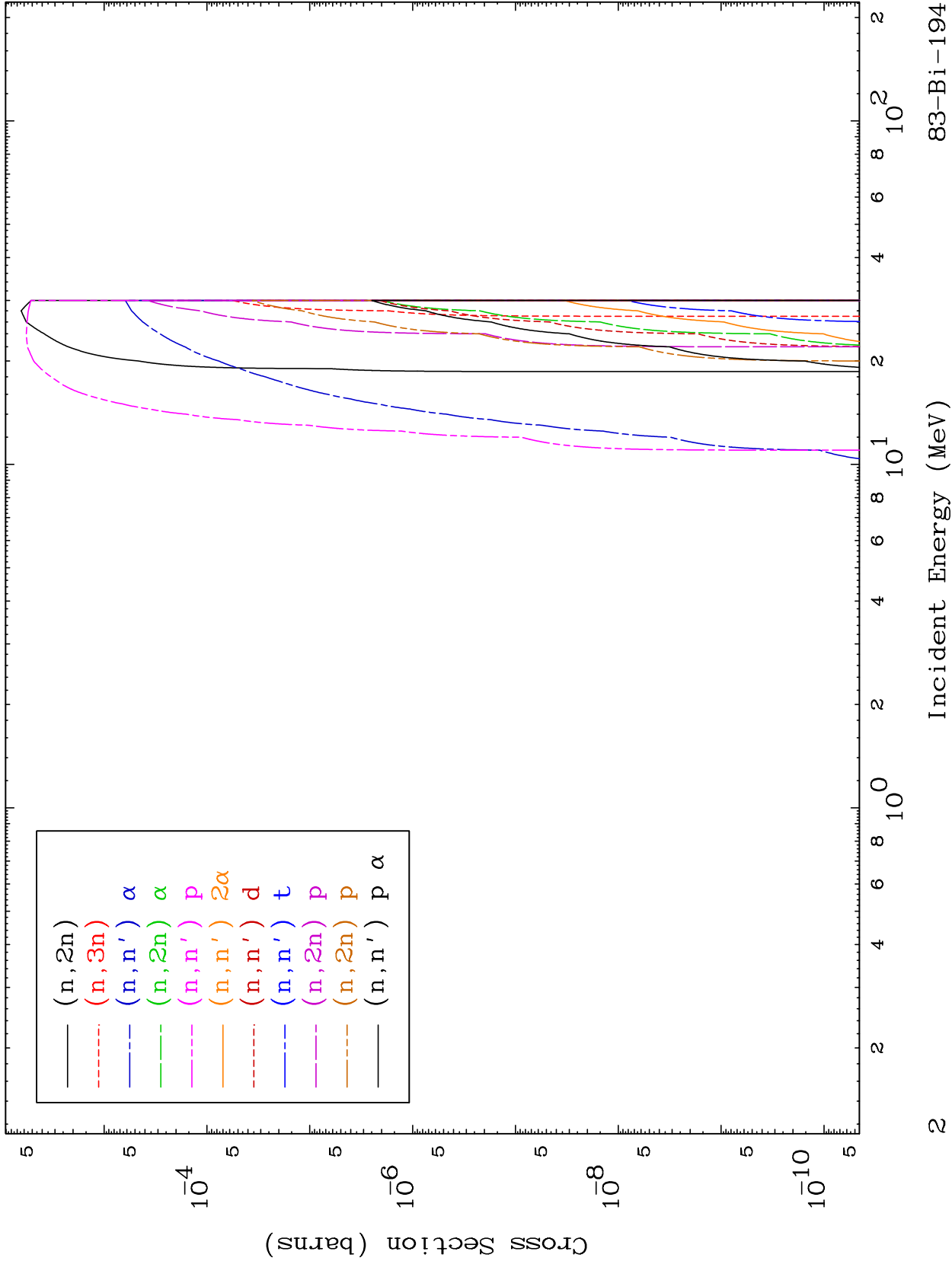
MAT 8280

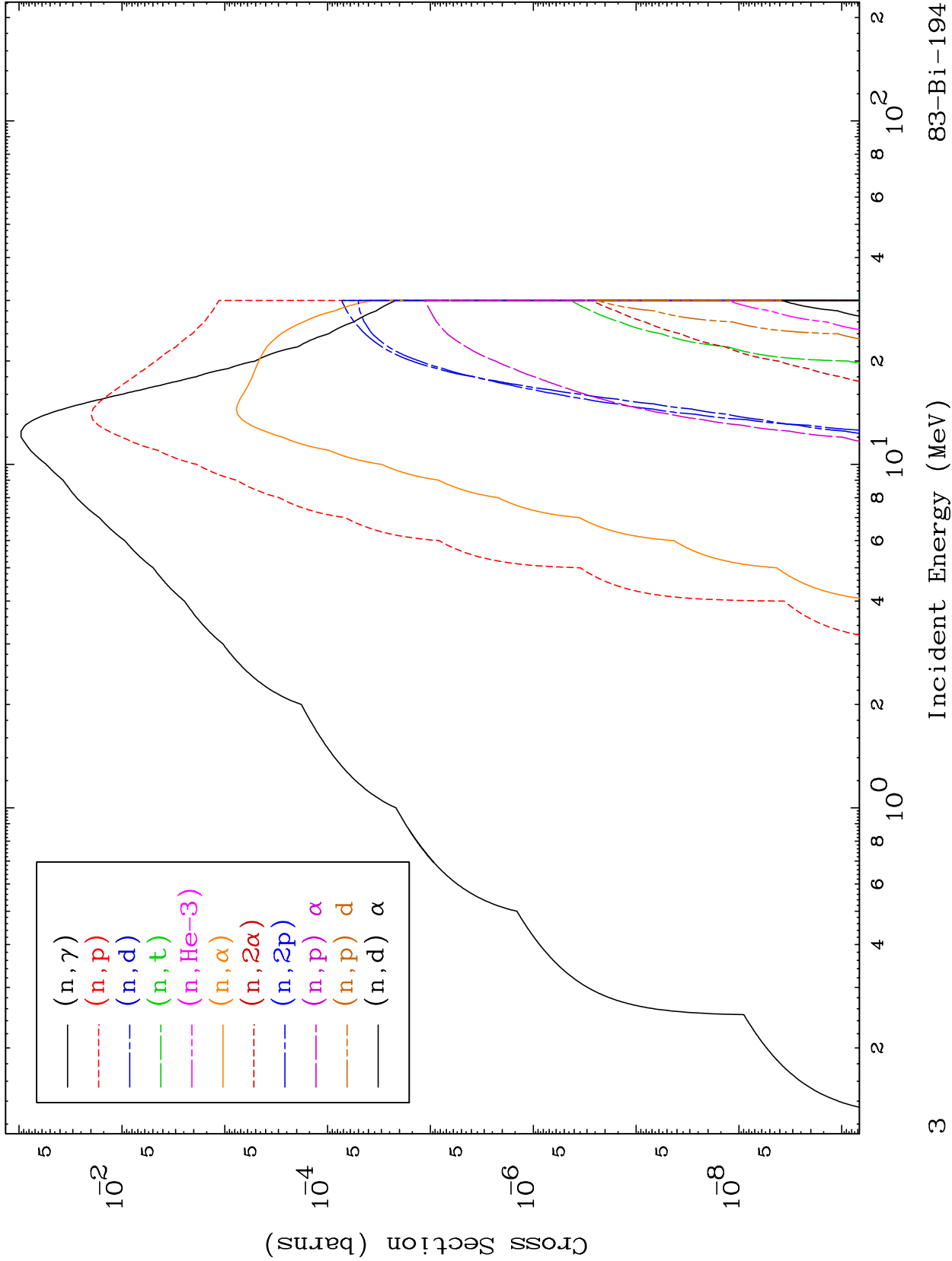
Photon Major

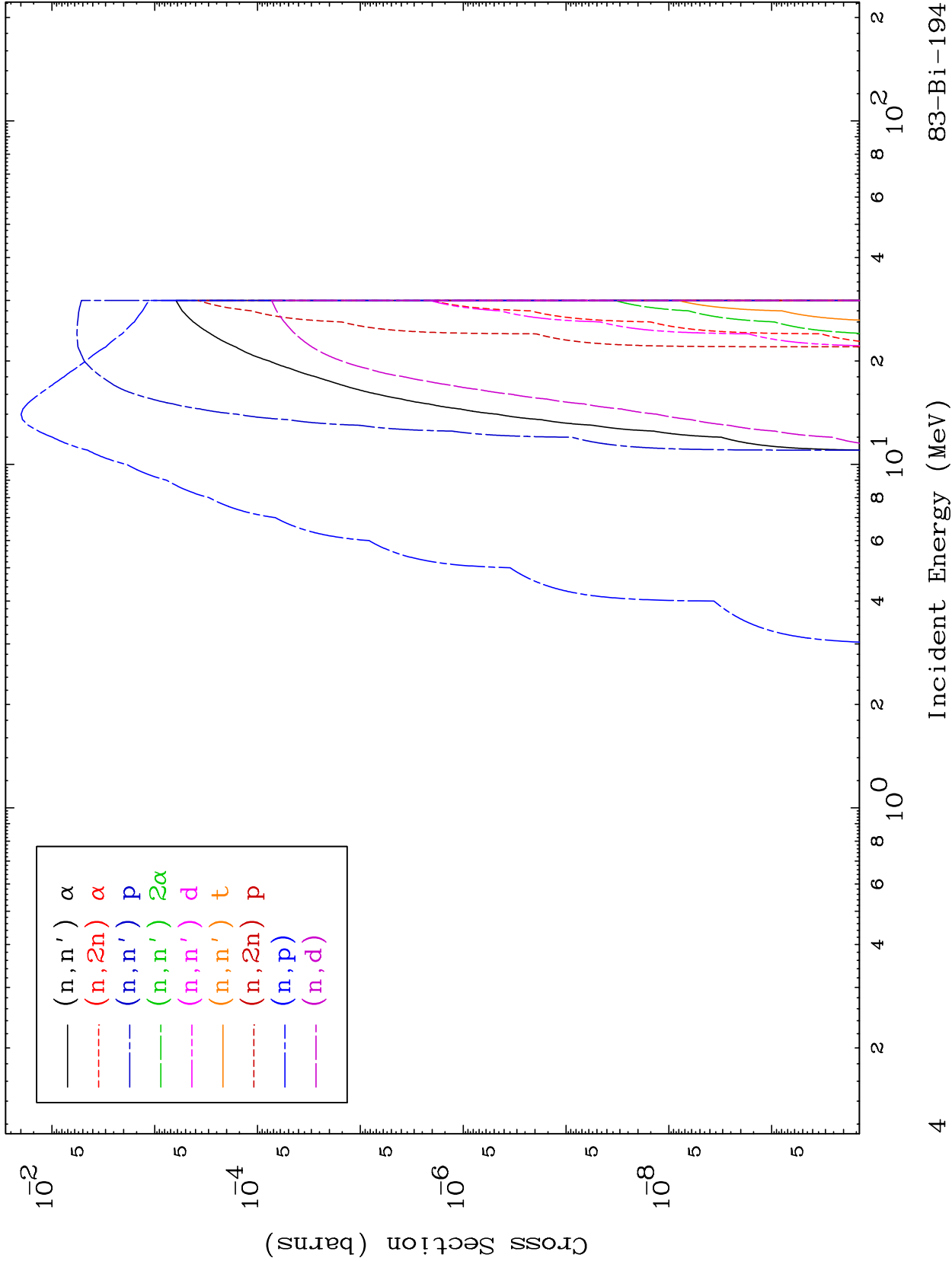
83-Bi-194

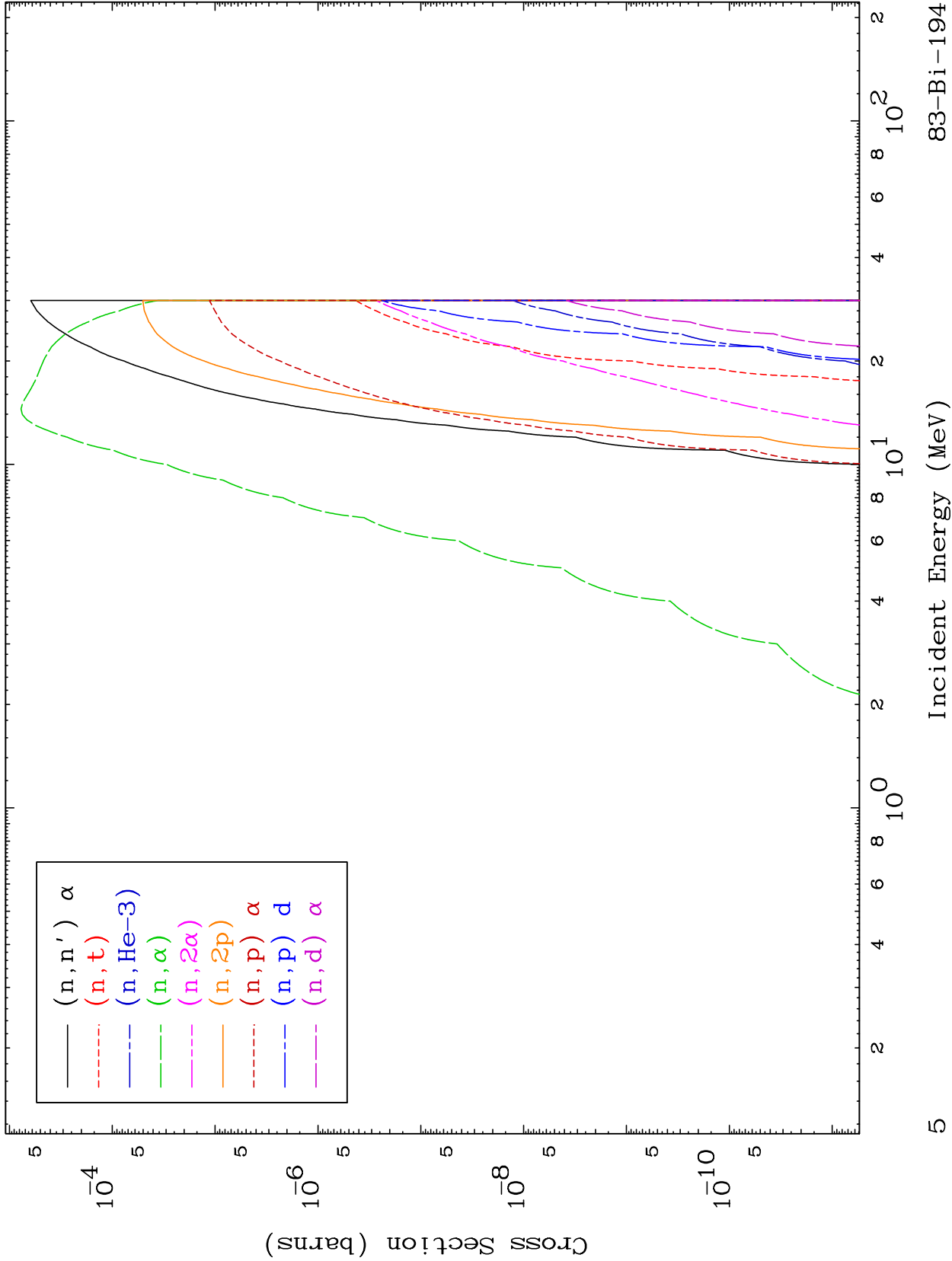
0 Kelvin Cross Sections







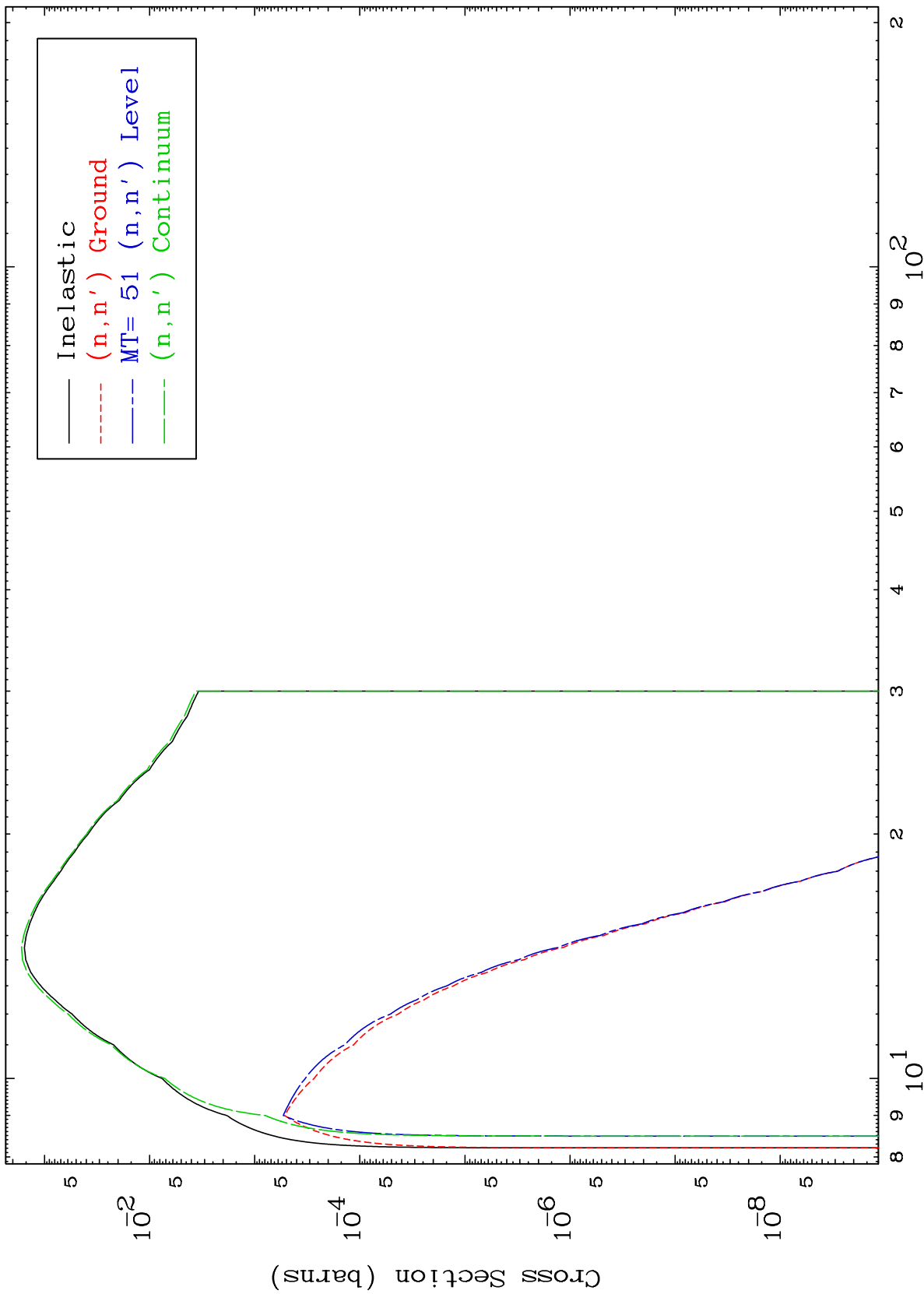




MAT 8280

83-Bi-194

(γ, n') Levels
0 Kelvin Cross Sections



83-Bi-194

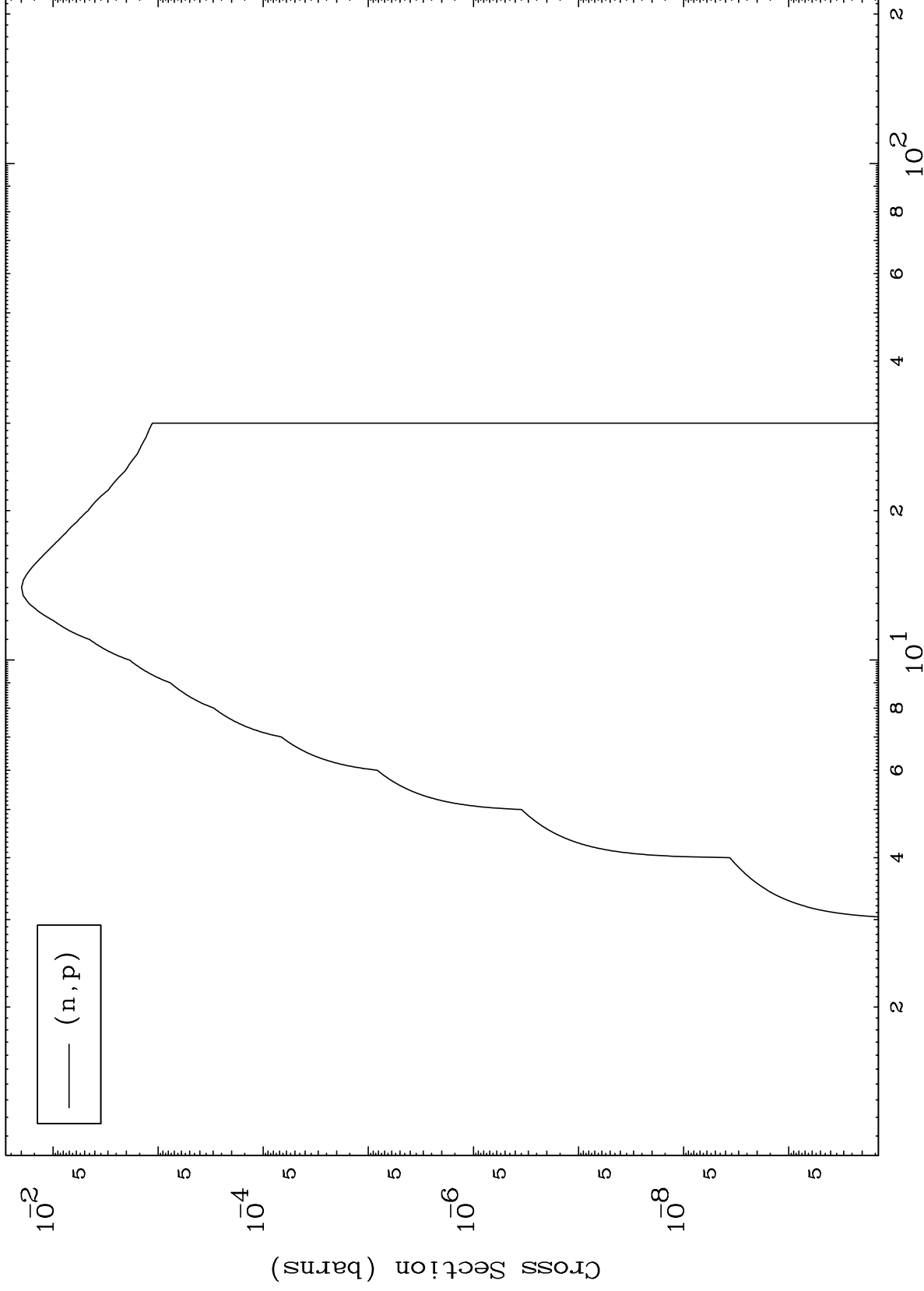
Incident Energy (MeV)

6

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(γ, p) Levels
0 Kelvin Cross Sections

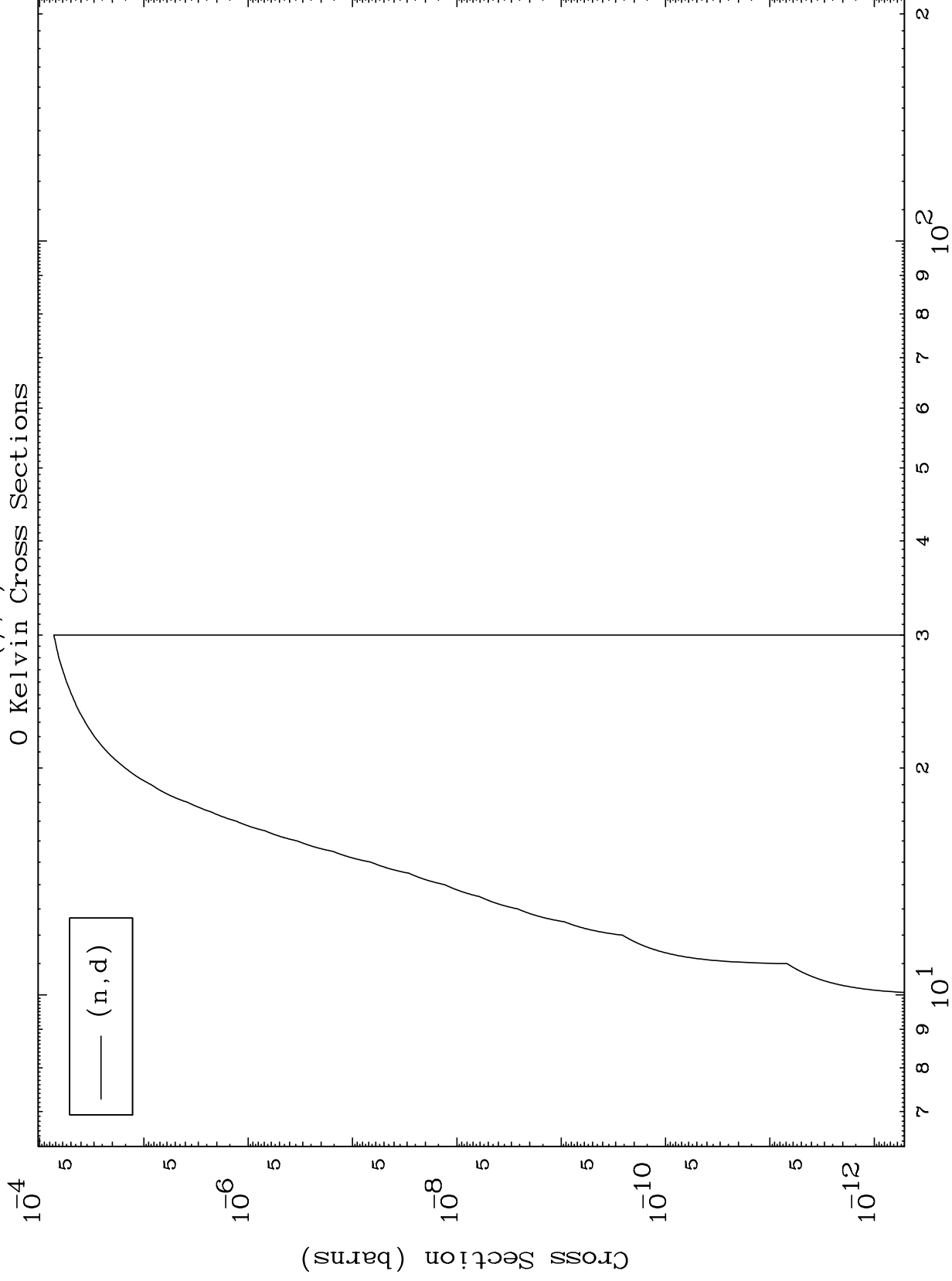
83-Bi-194



MAT 8280

(γ, d) Levels
0 Kelvin Cross Sections

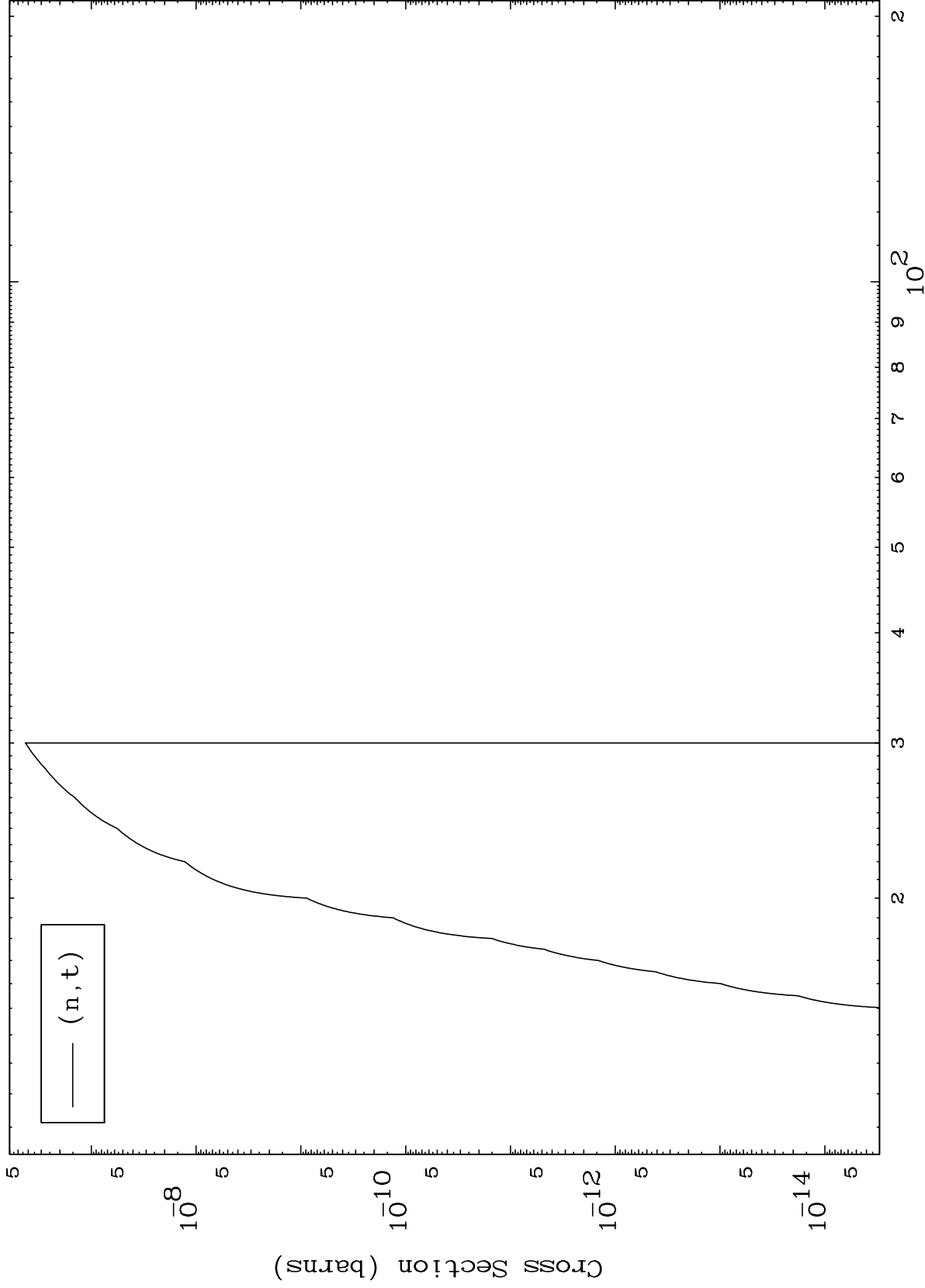
83-Bi-194



8

Incident Energy (MeV)

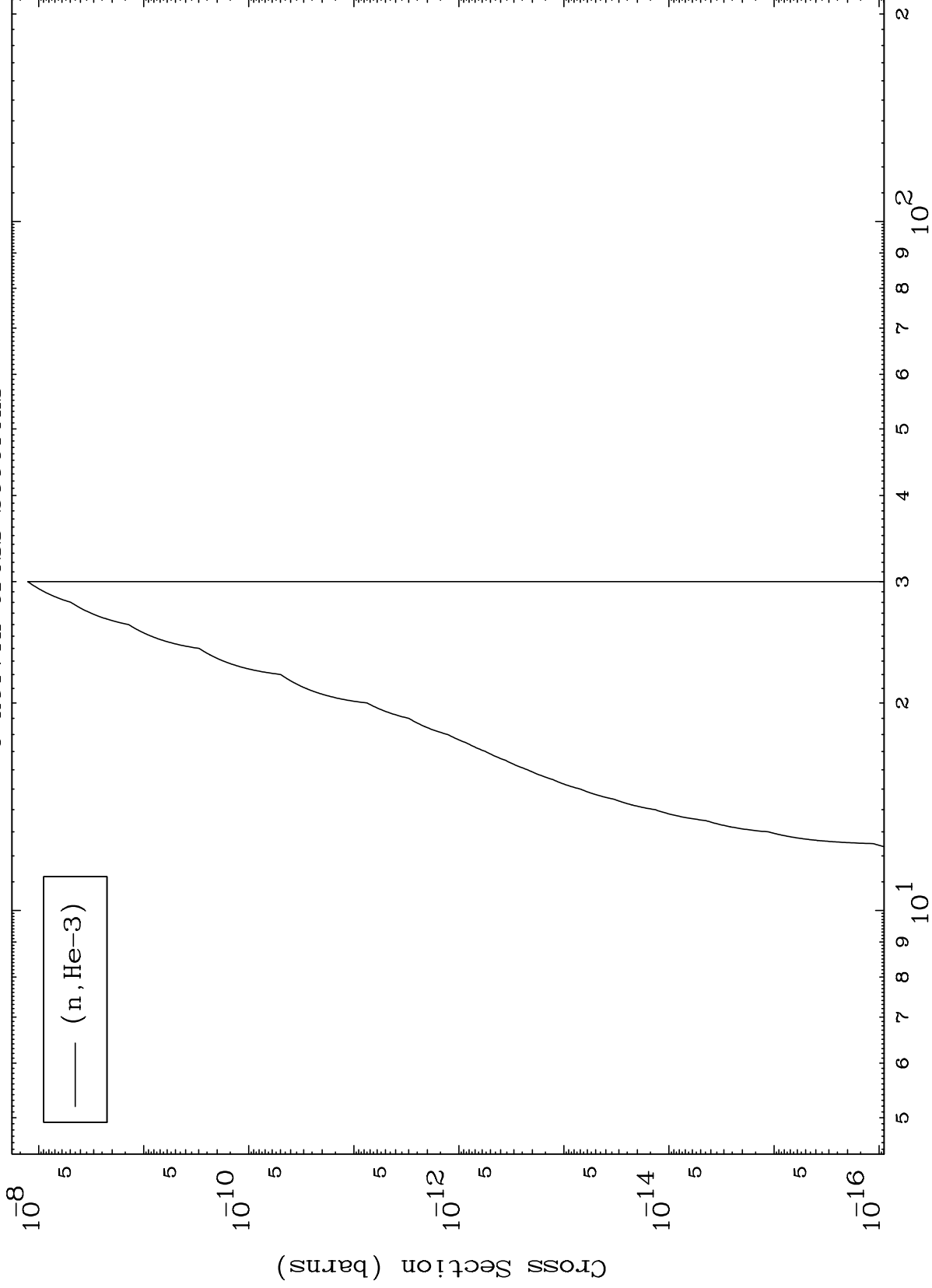
83-Bi-194



MAT 8280

83-Bi-194

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



83-Bi-194

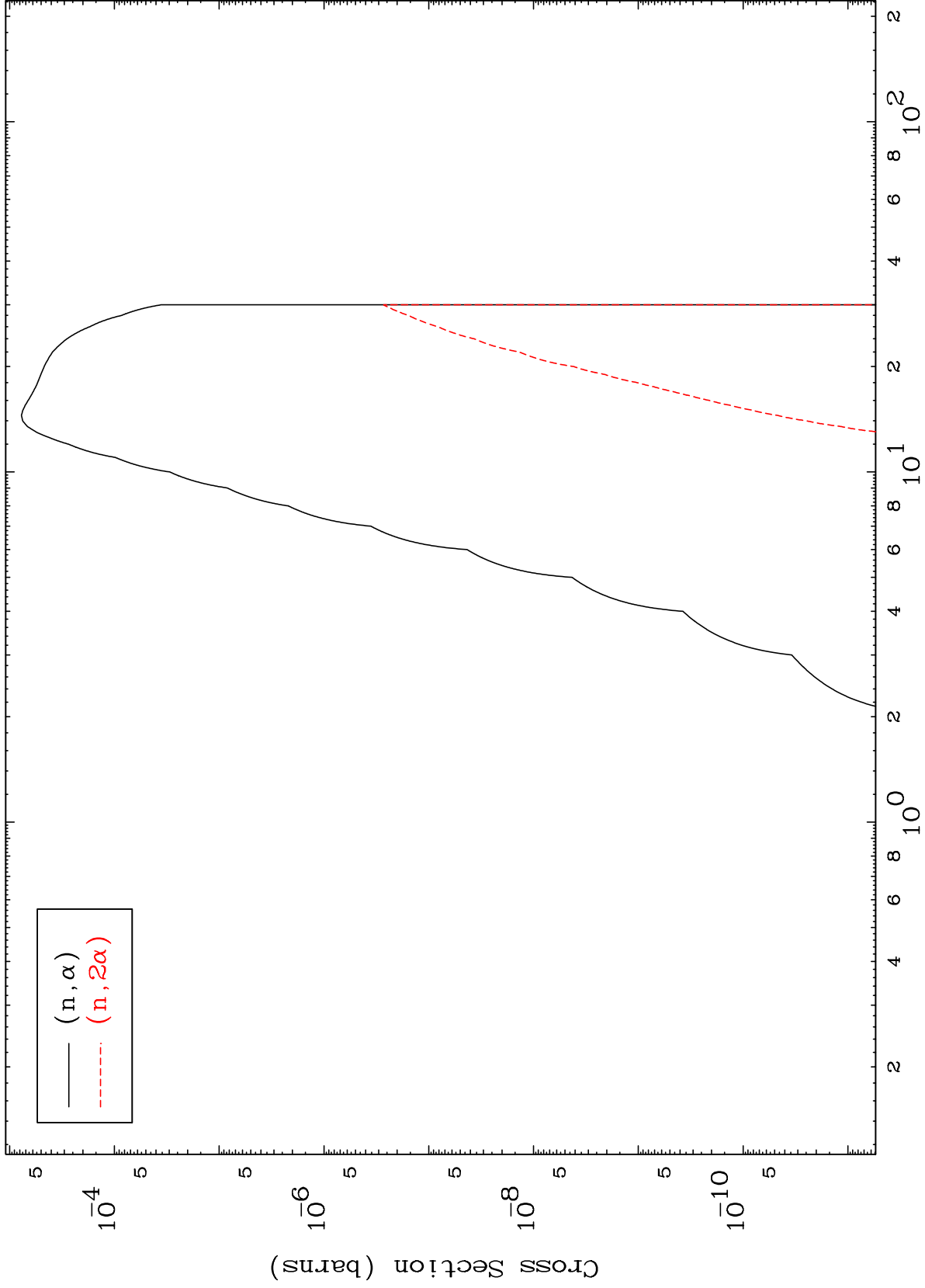
Incident Energy (MeV)

10

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(γ, α) Levels
0 Kelvin Cross Sections

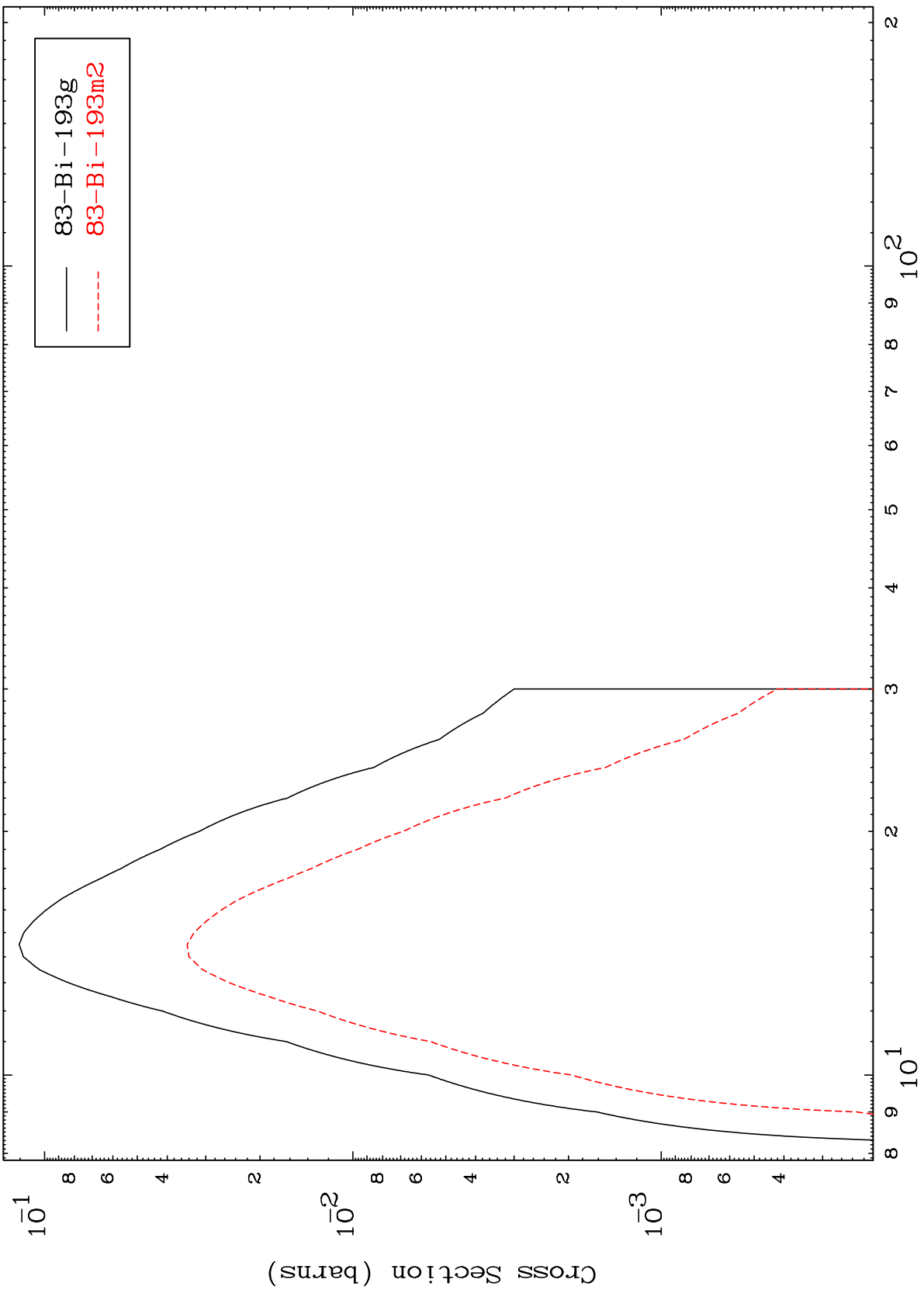
83-Bi-194



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83-Bi-194

Inelastic
Radionuclide Production Cross Section



83-Bi-194

Incident Energy (MeV)

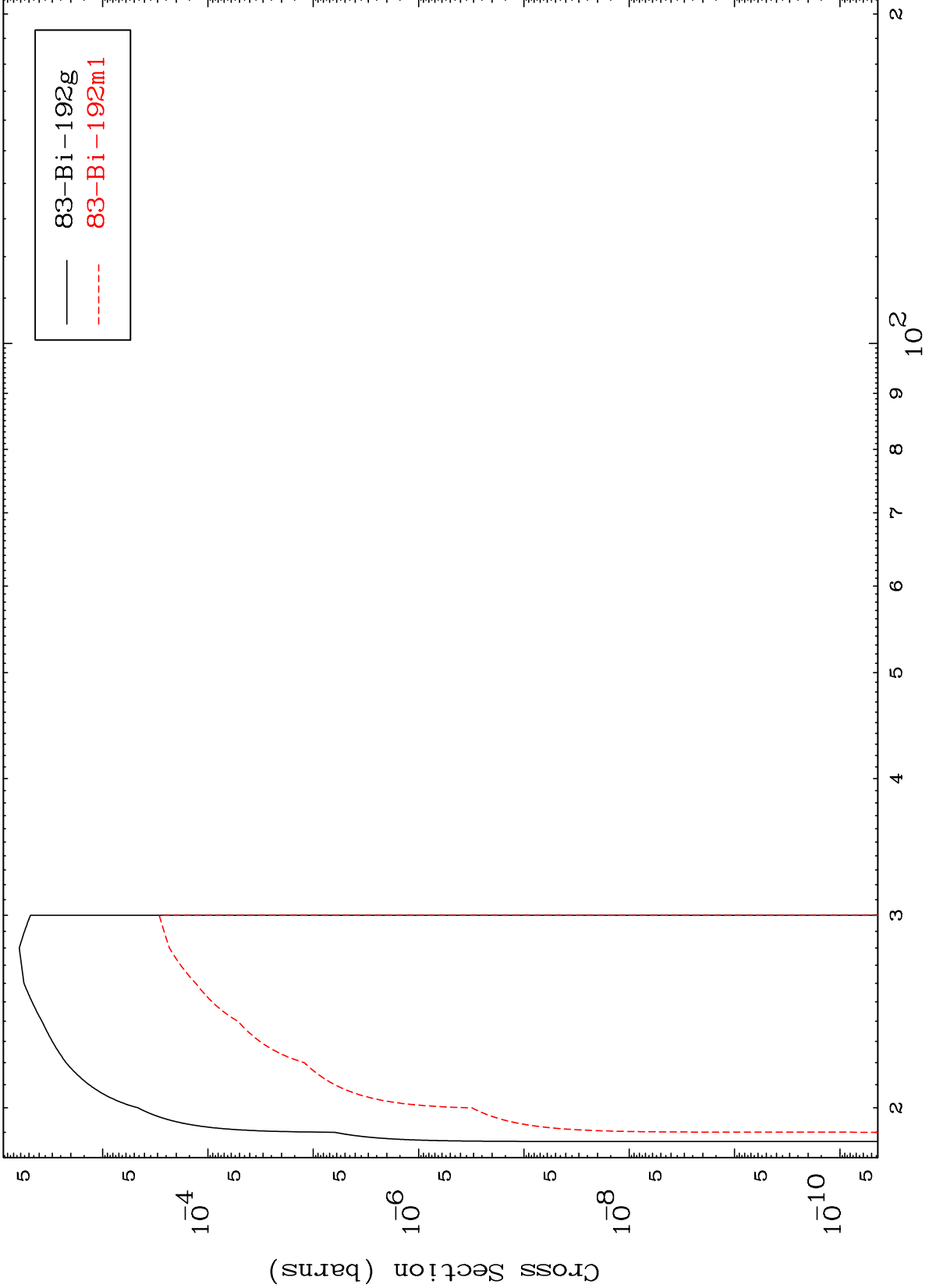
12

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(n,2n)

83-Bi-194

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

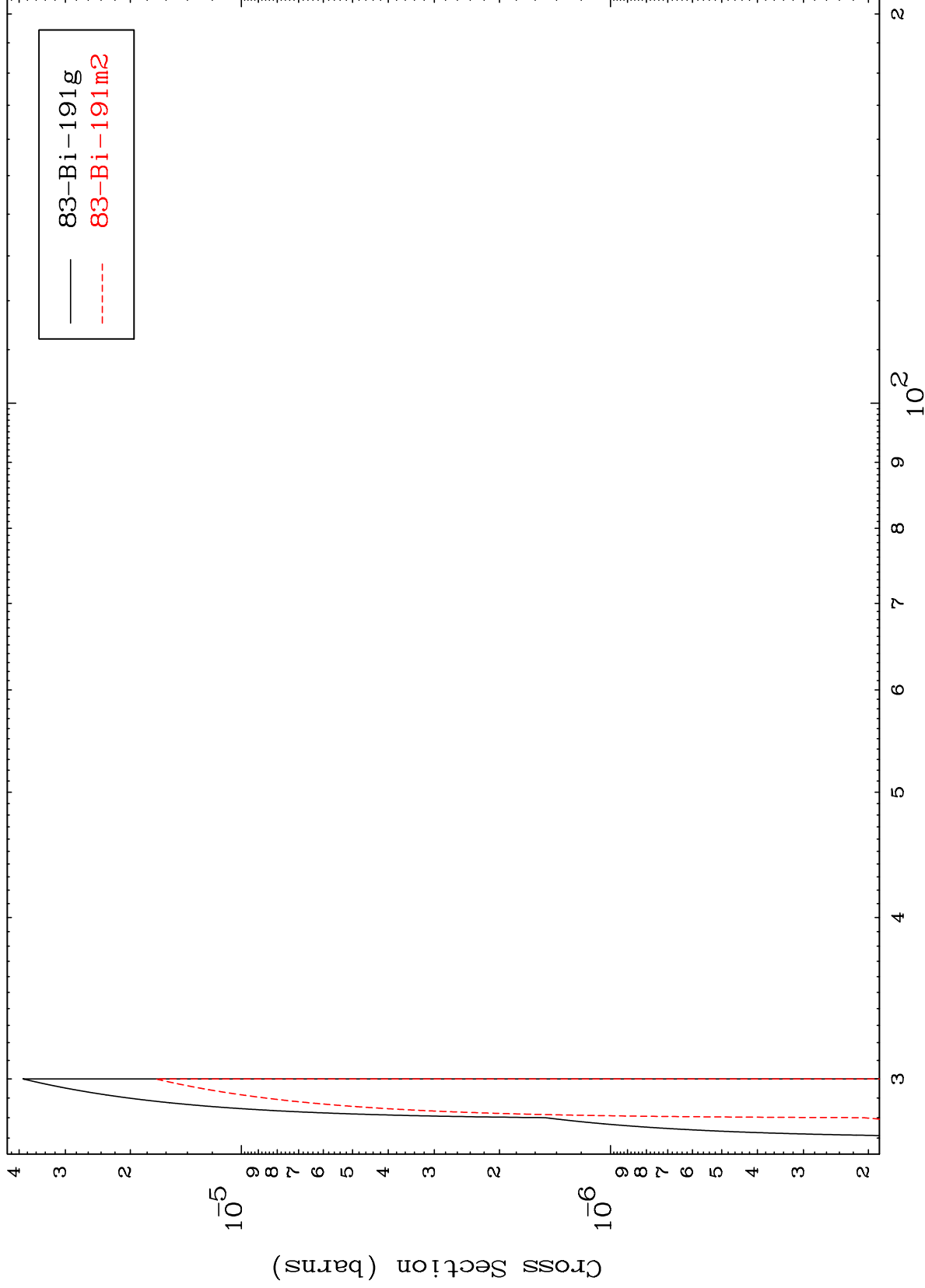
83-Bi-194

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(n,3n)

⁸³Bi-194

Radionuclide Production Cross Section



14

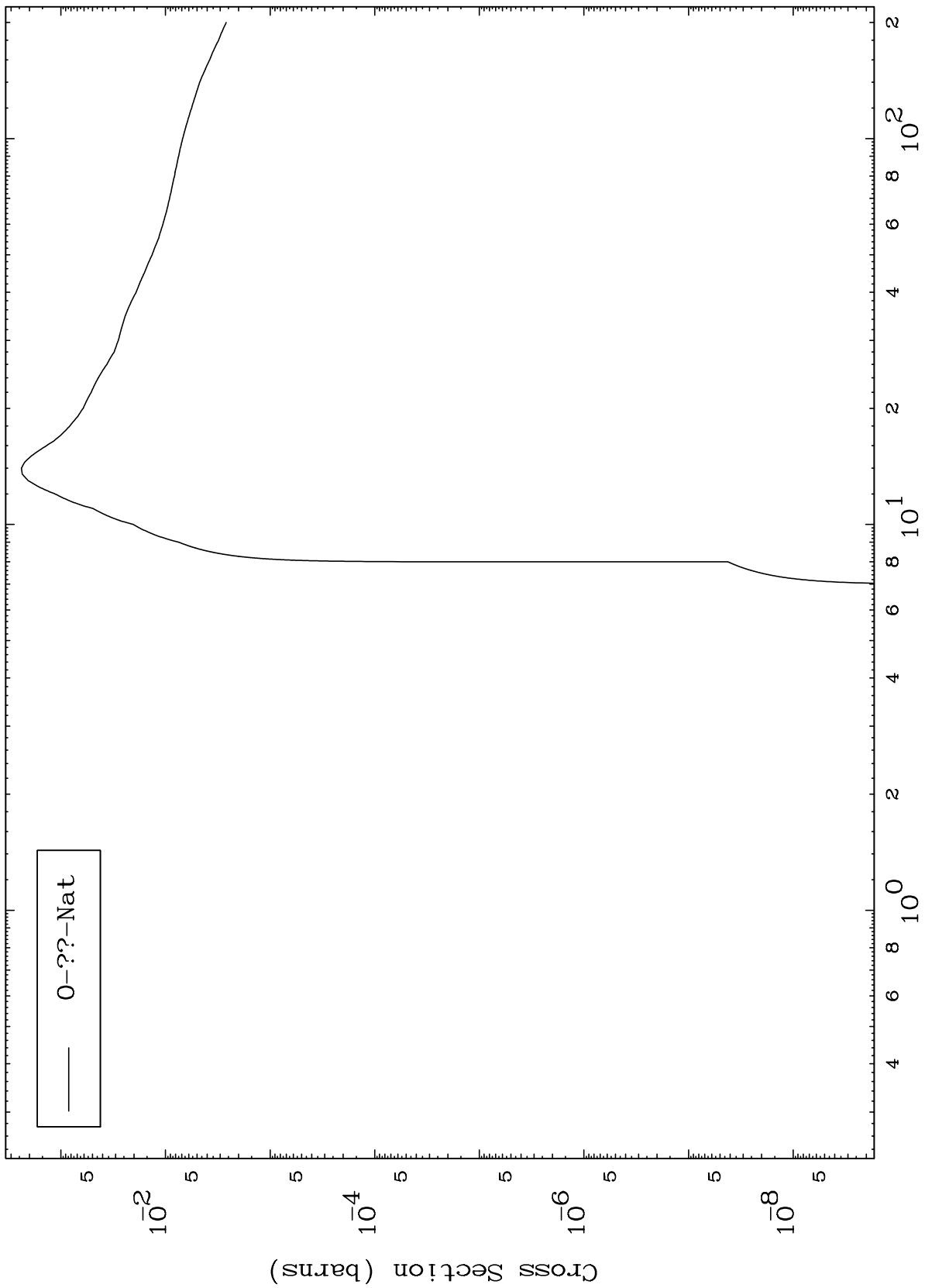
Incident Energy (MeV)

⁸³Bi-194

MAT 8280

83-Bi-194

Fission
Radionuclide Production Cross Section

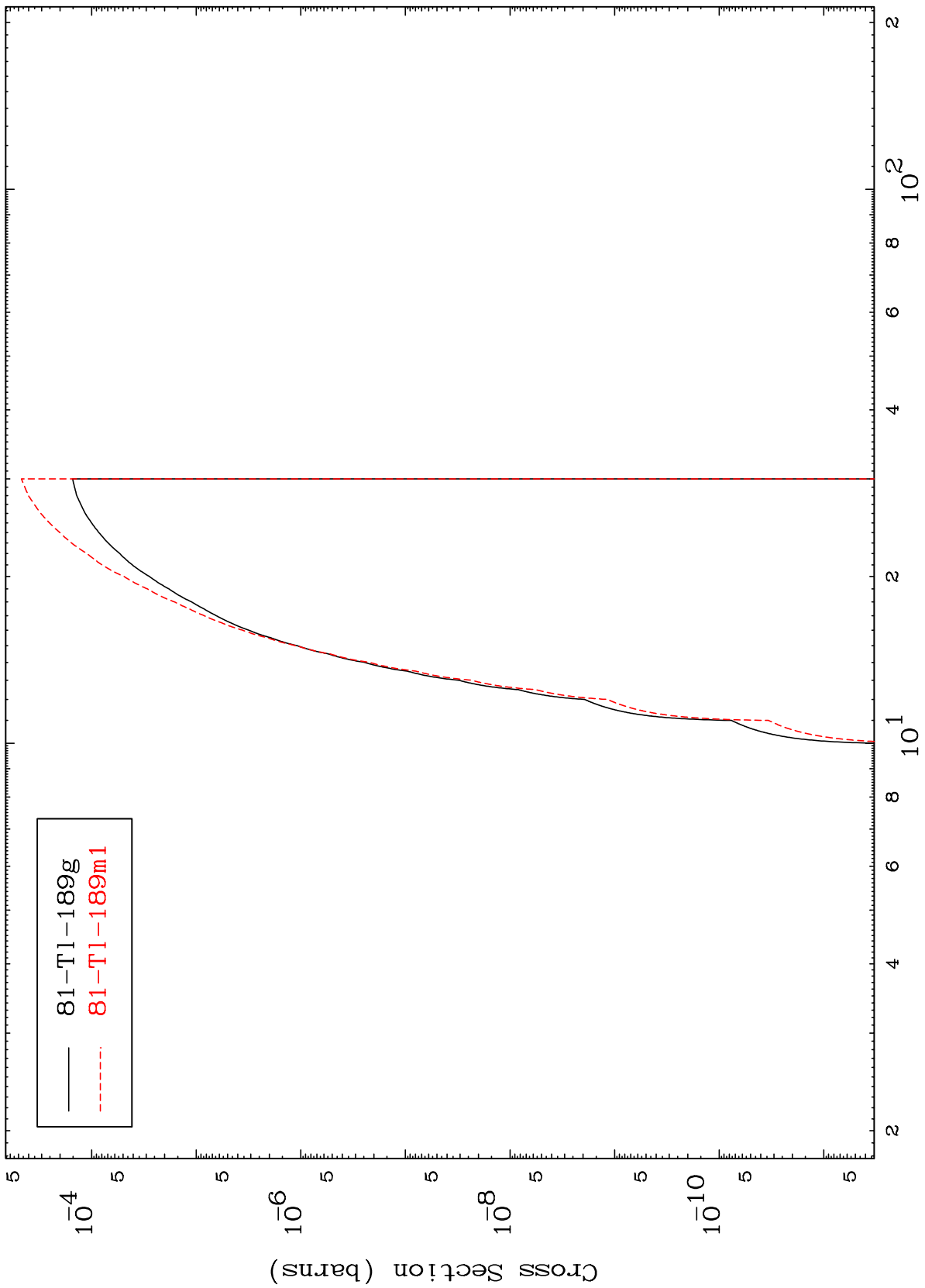


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$(n, n') \alpha$

83-Bi-194

Radionuclide Production Cross Section



81-Tl-189g
81-Tl-189m1

16

Incident Energy (MeV)

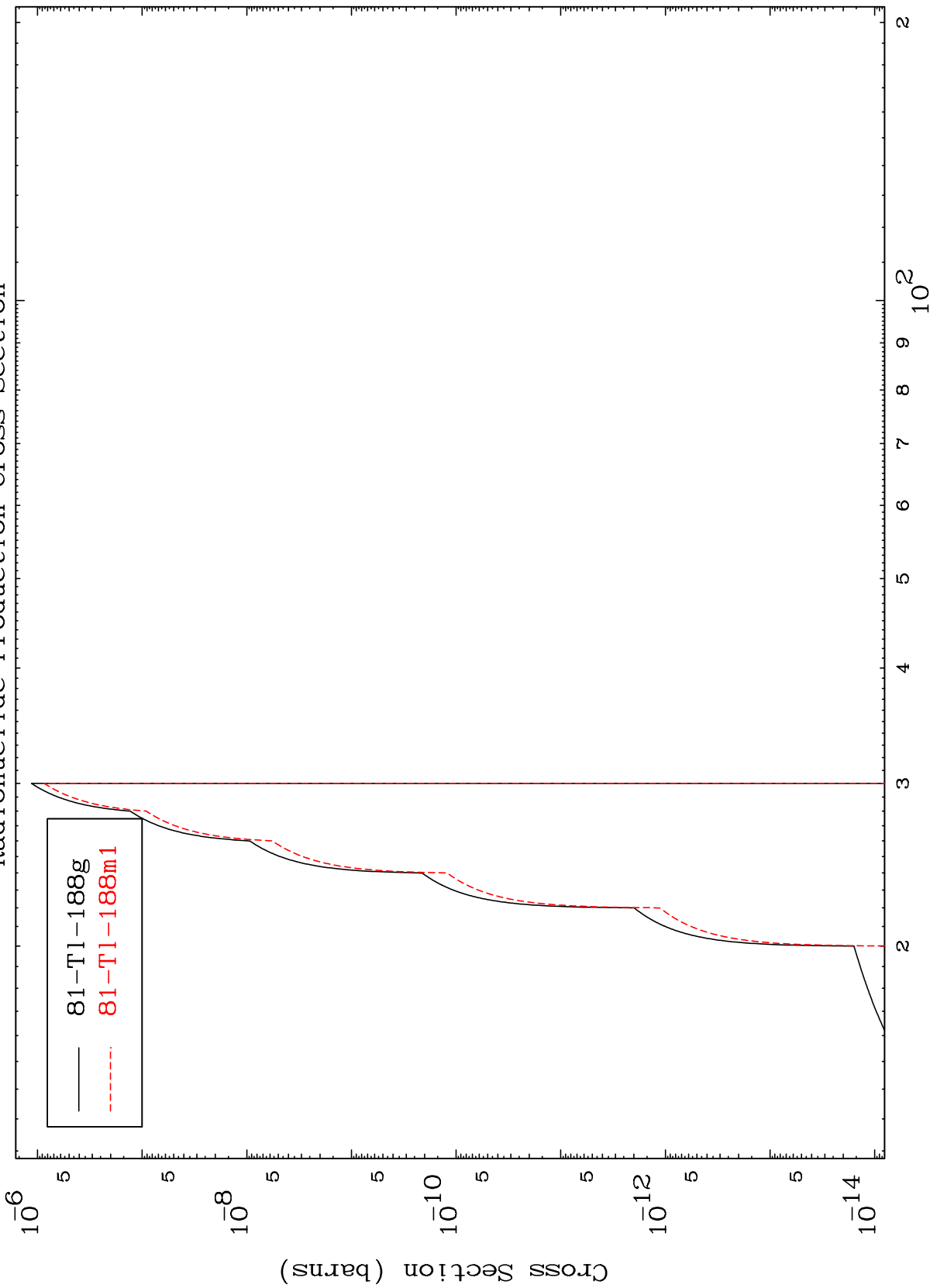
83-Bi-194

MAT 8280

(n,2n) α

83-Bi-194

Radionuclide Production Cross Section

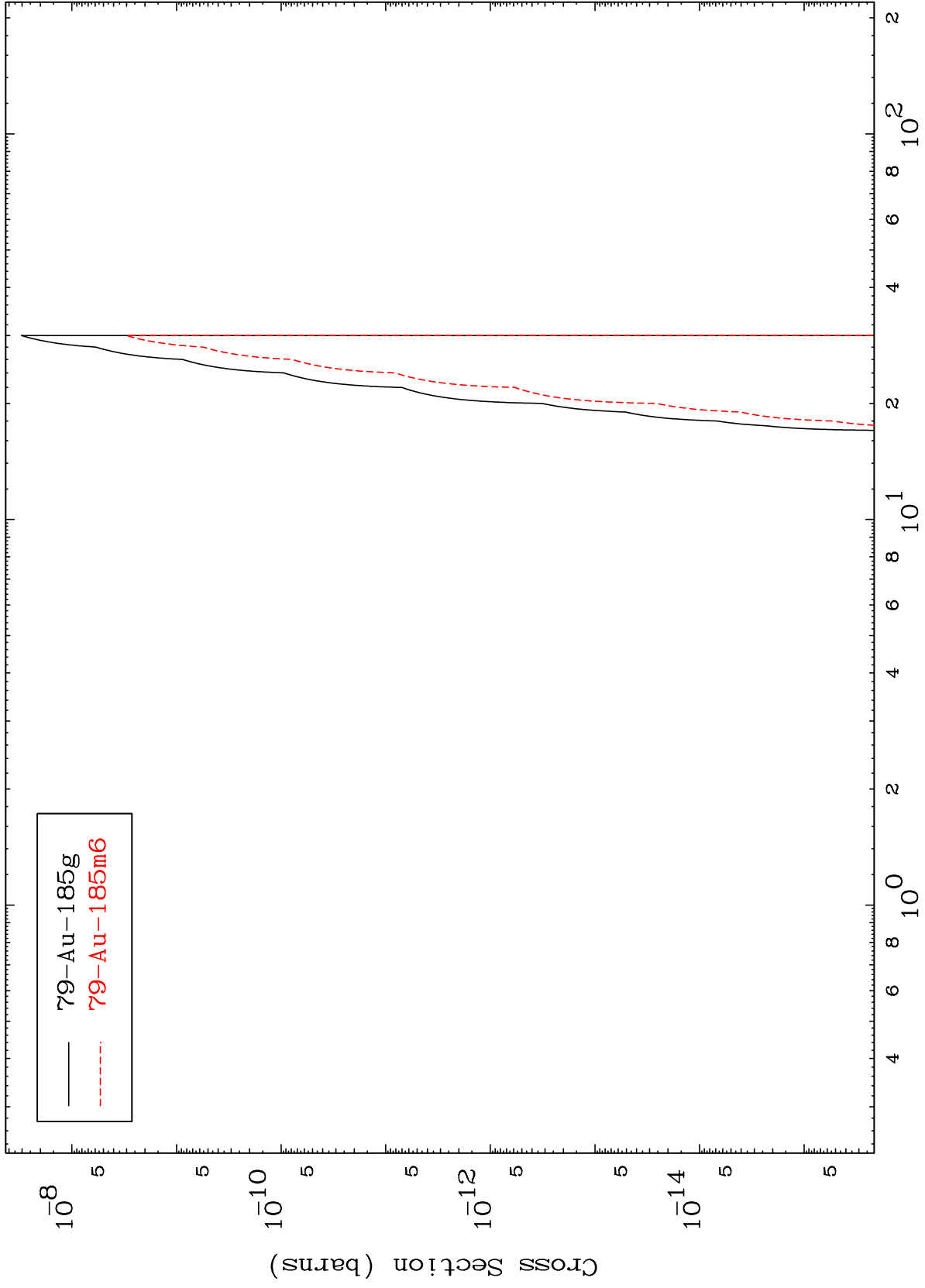


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(n,n') 2 α

83-Bi-194

Radionuclide Production Cross Section



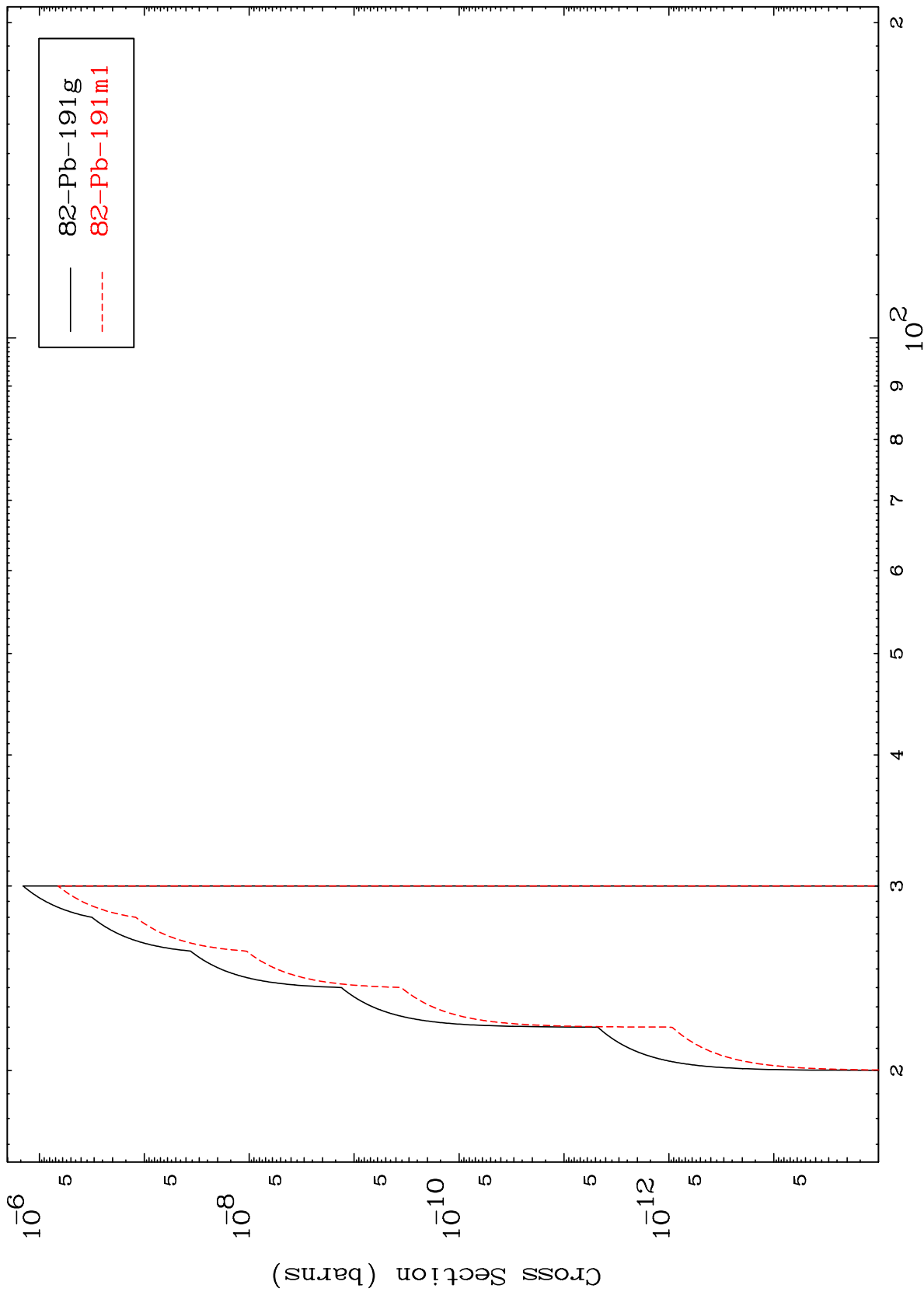
— 79-Au-185g
- - - 79-Au-185m6

MAT 8280

(n,n') d

83-Bi-194

Radionuclide Production Cross Section



19

Incident Energy (MeV)

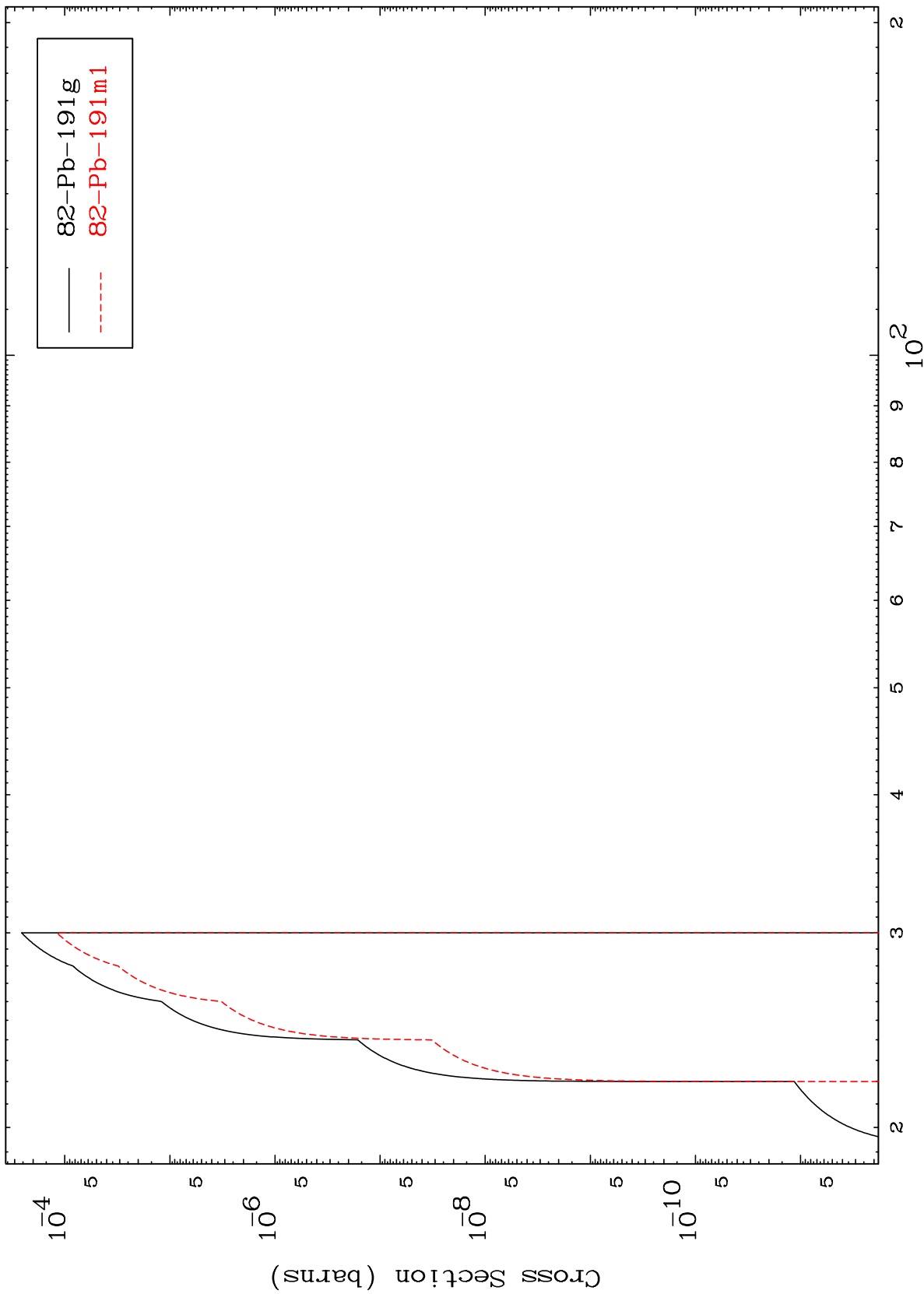
83-Bi-194

MAT 8280

(n,2n) p

83-Bi-194

Radionuclide Production Cross Section

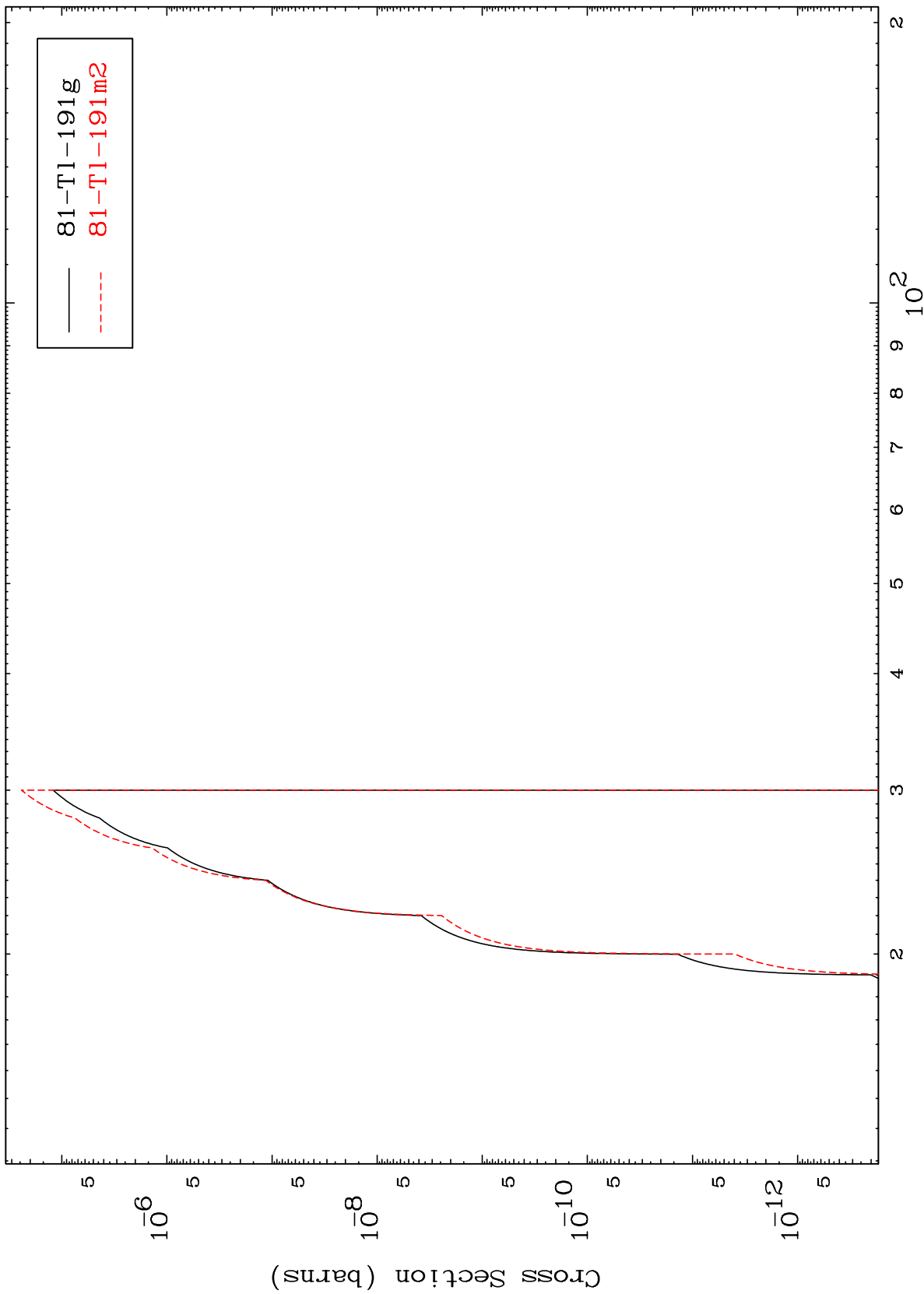


20

Incident Energy (MeV)

83-Bi-194

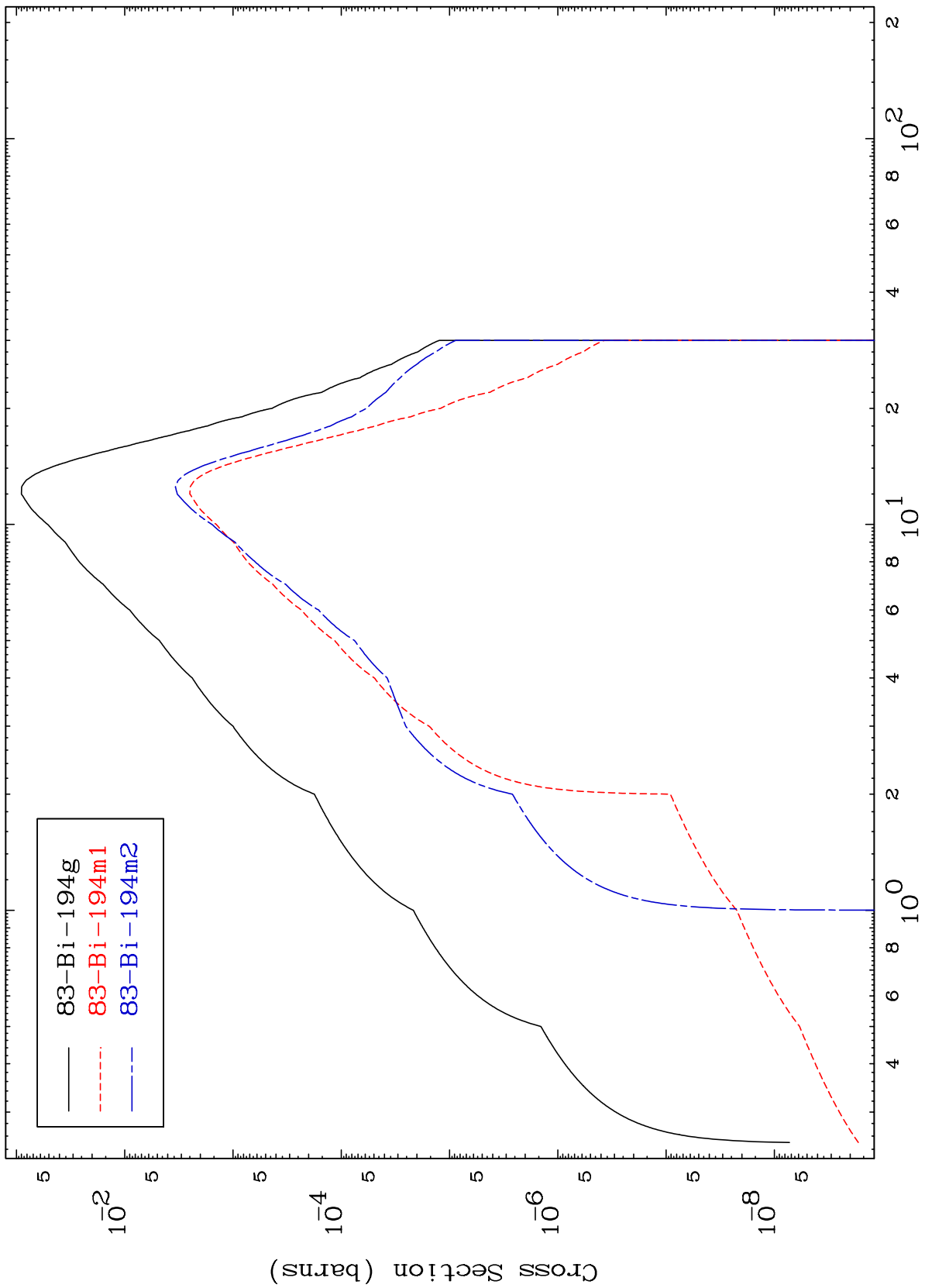
Radionuclide Production Cross Section



MAT 8280

83-Bi-194

Radionuclide Production Cross Section
(n, γ)



83-Bi-194

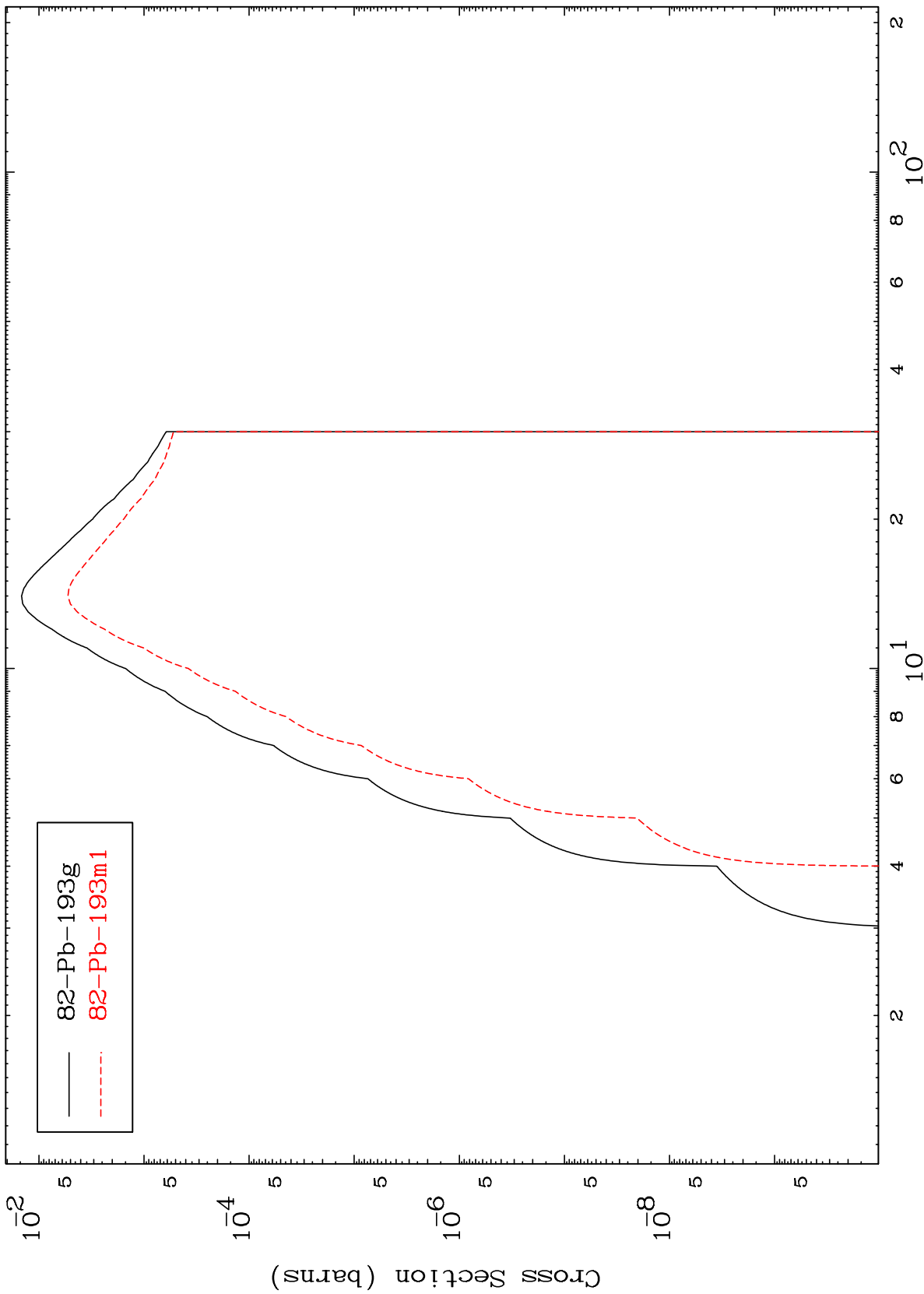
Incident Energy (MeV)

22

MAT 8280

83-Bi-194

(n,p)
Radionuclide Production Cross Section



23

83-Bi-194

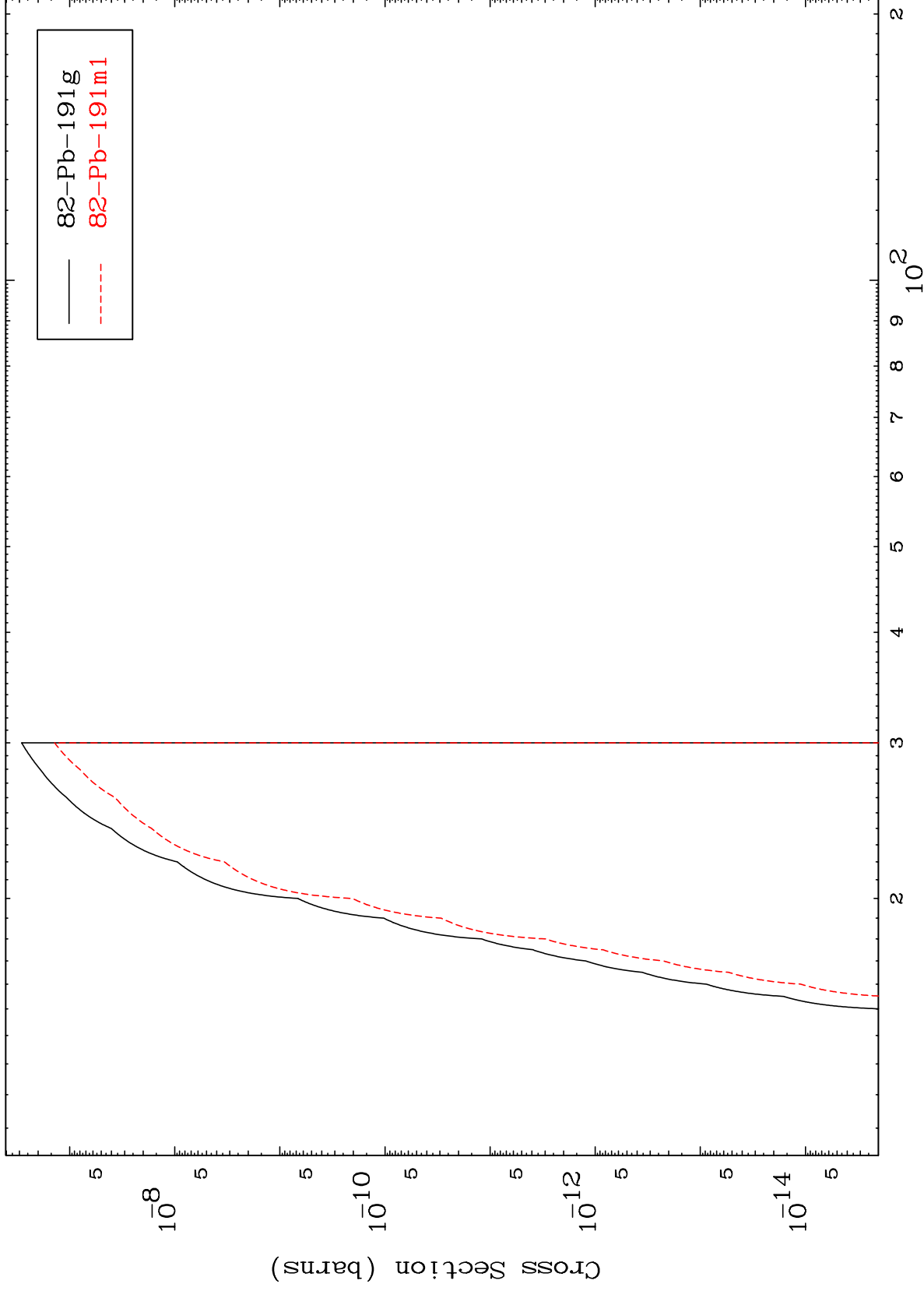
Incident Energy (MeV)

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(n, t)

83-Bi-194

Radionuclide Production Cross Section



24

Incident Energy (MeV)

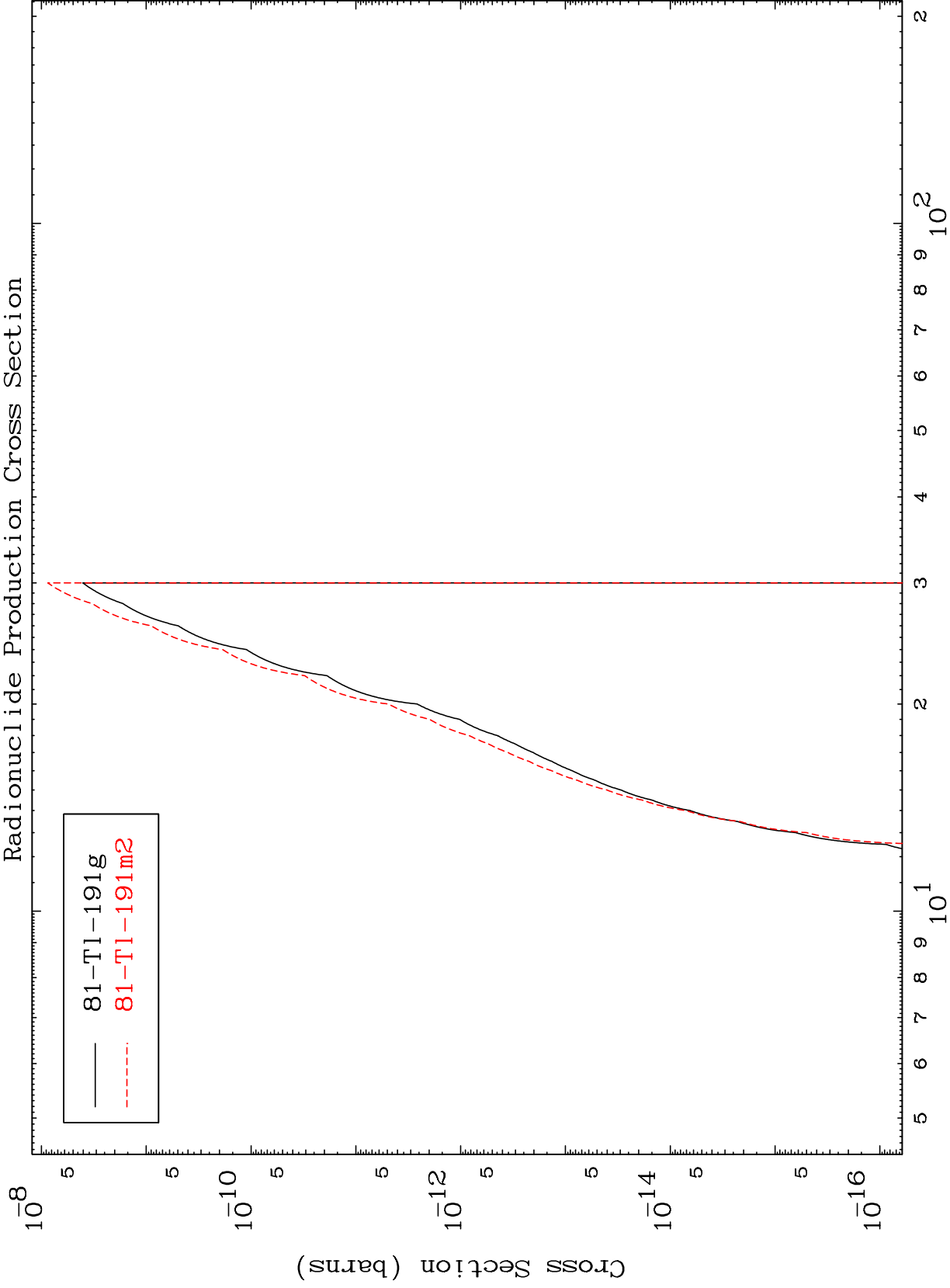
83-Bi-194

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(n,He-3)

83-Bi-194

Radionuclide Production Cross Section



Incident Energy (MeV)

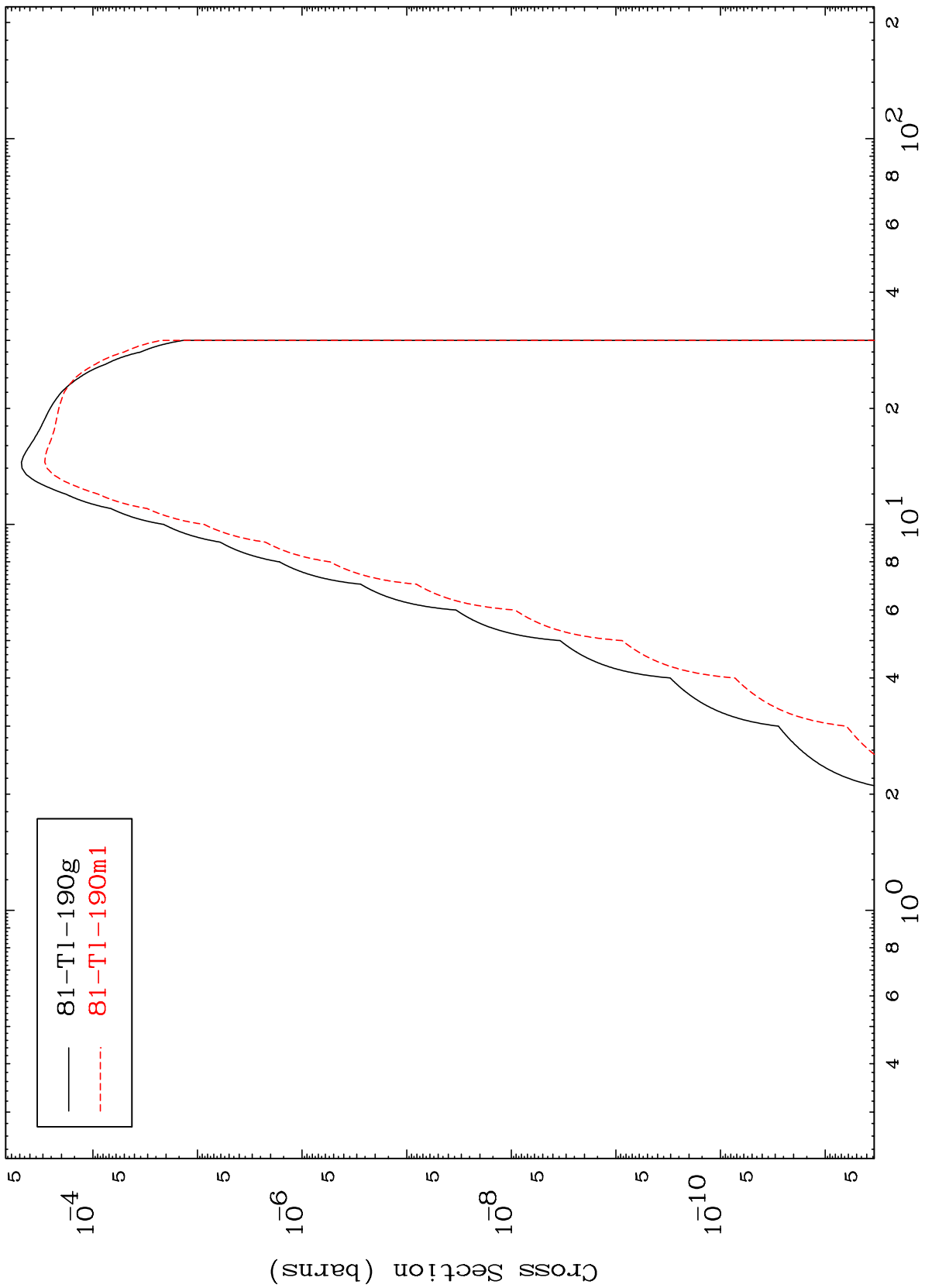
83-Bi-194

25

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83-Bi-194

(n, α)
Radionuclide Production Cross Section



83-Bi-194

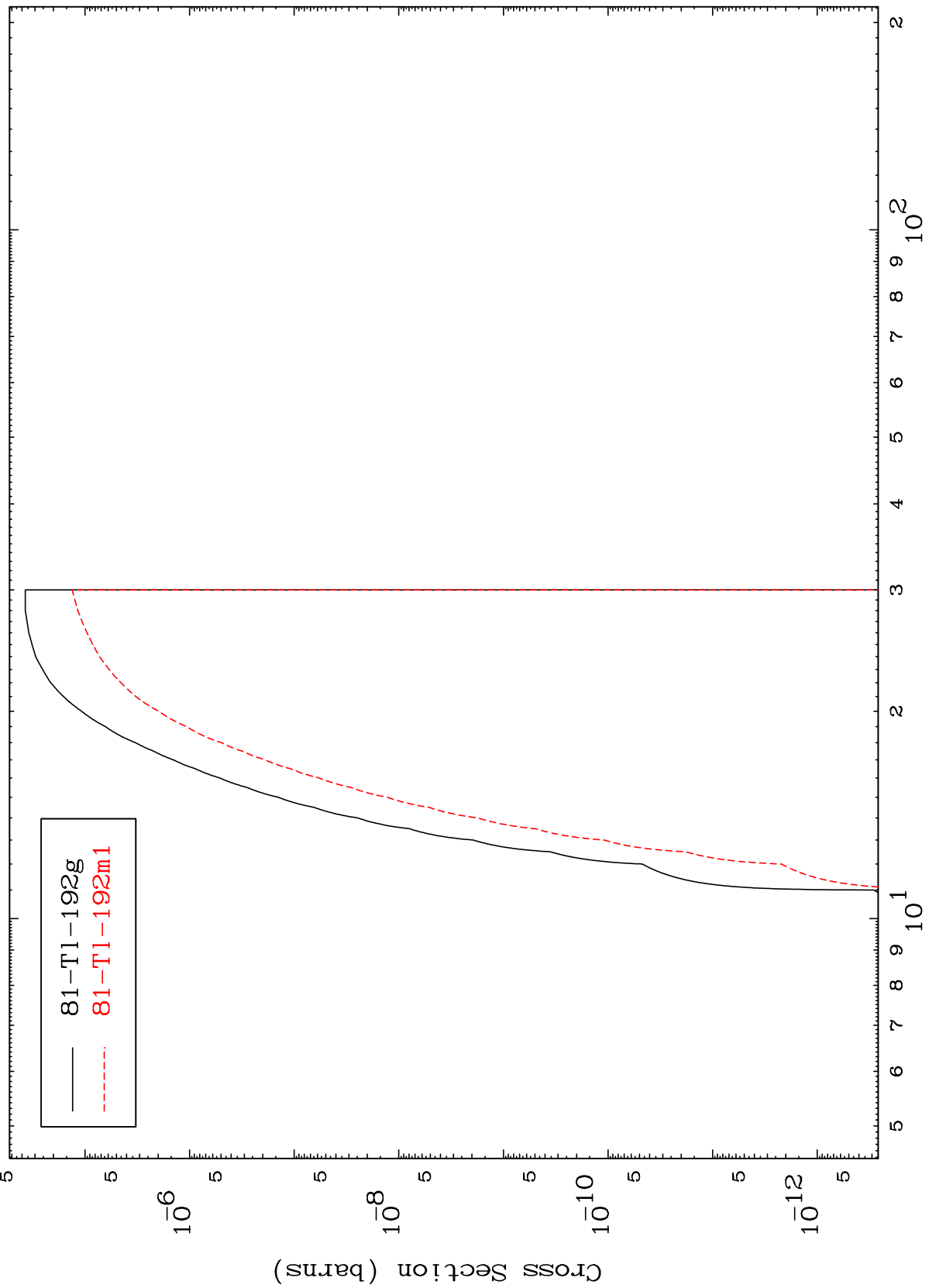
Incident Energy (MeV)

26

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83-Bi-194

(n,2p)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

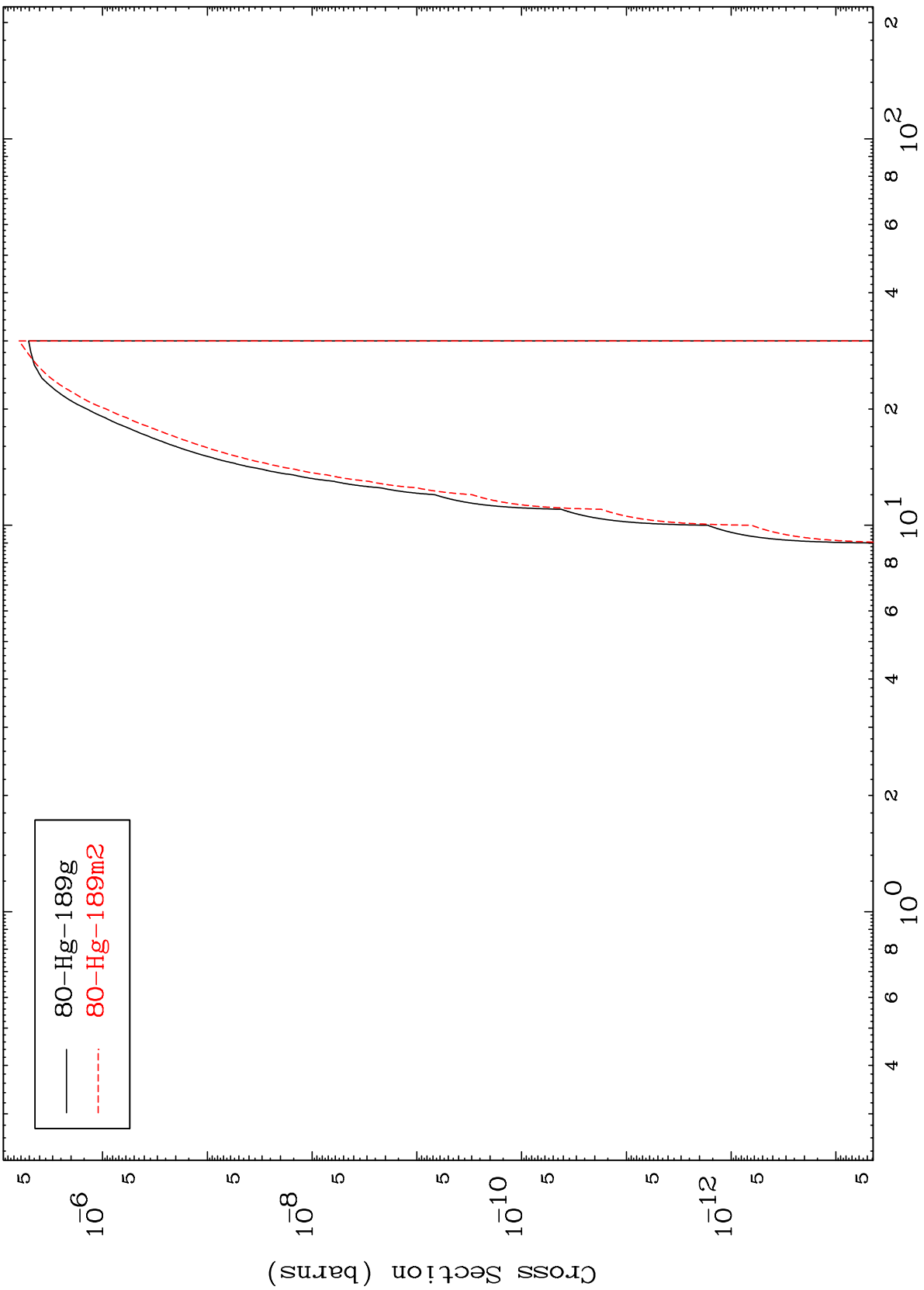
83-Bi-194

MAT 8280

(n,p) α

83-Bi-194

Radionuclide Production Cross Section

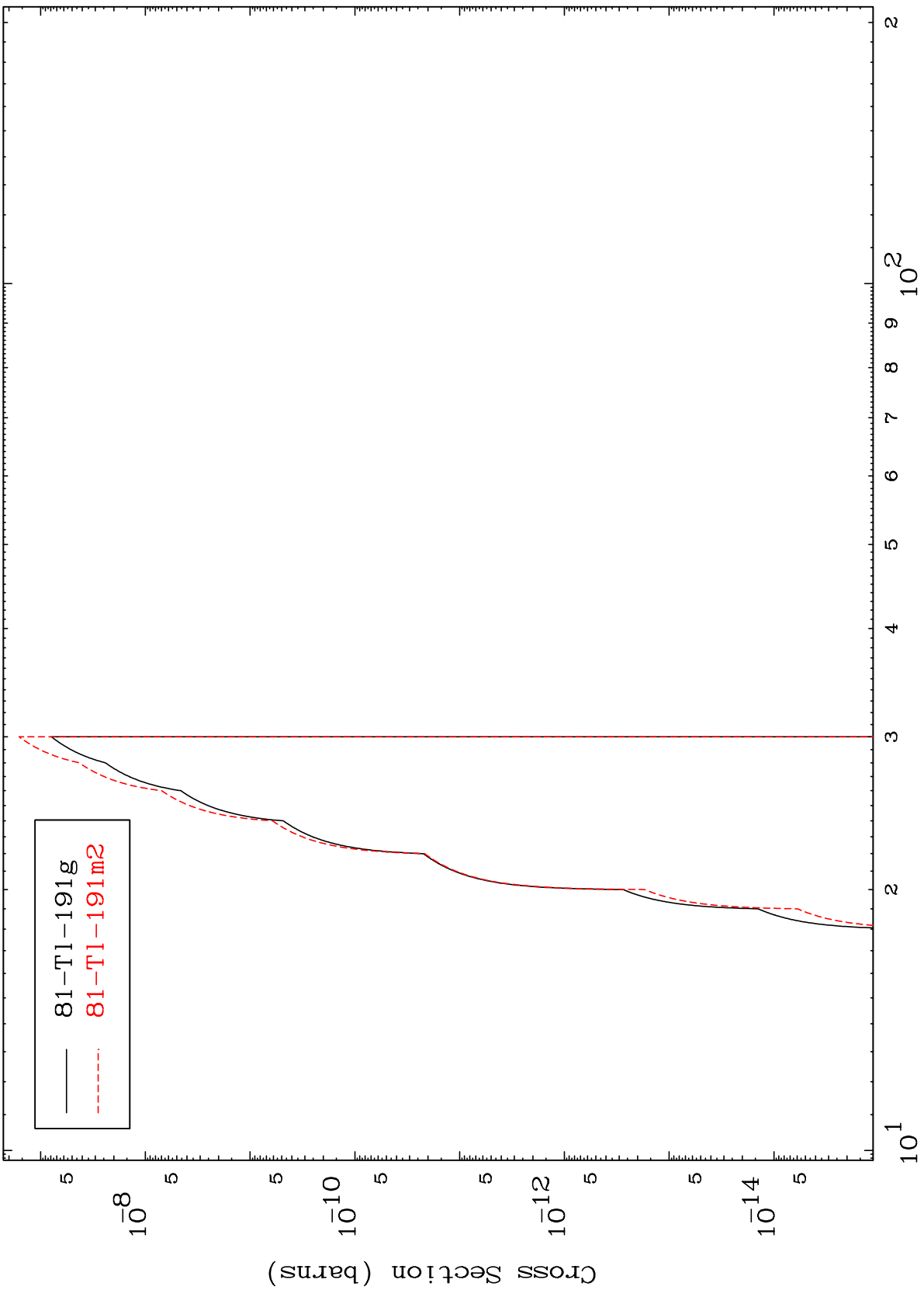


MAT 8280

(n,p) d

83-Bi-194

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

Incident Energy (MeV)

83-Bi-194

29