

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

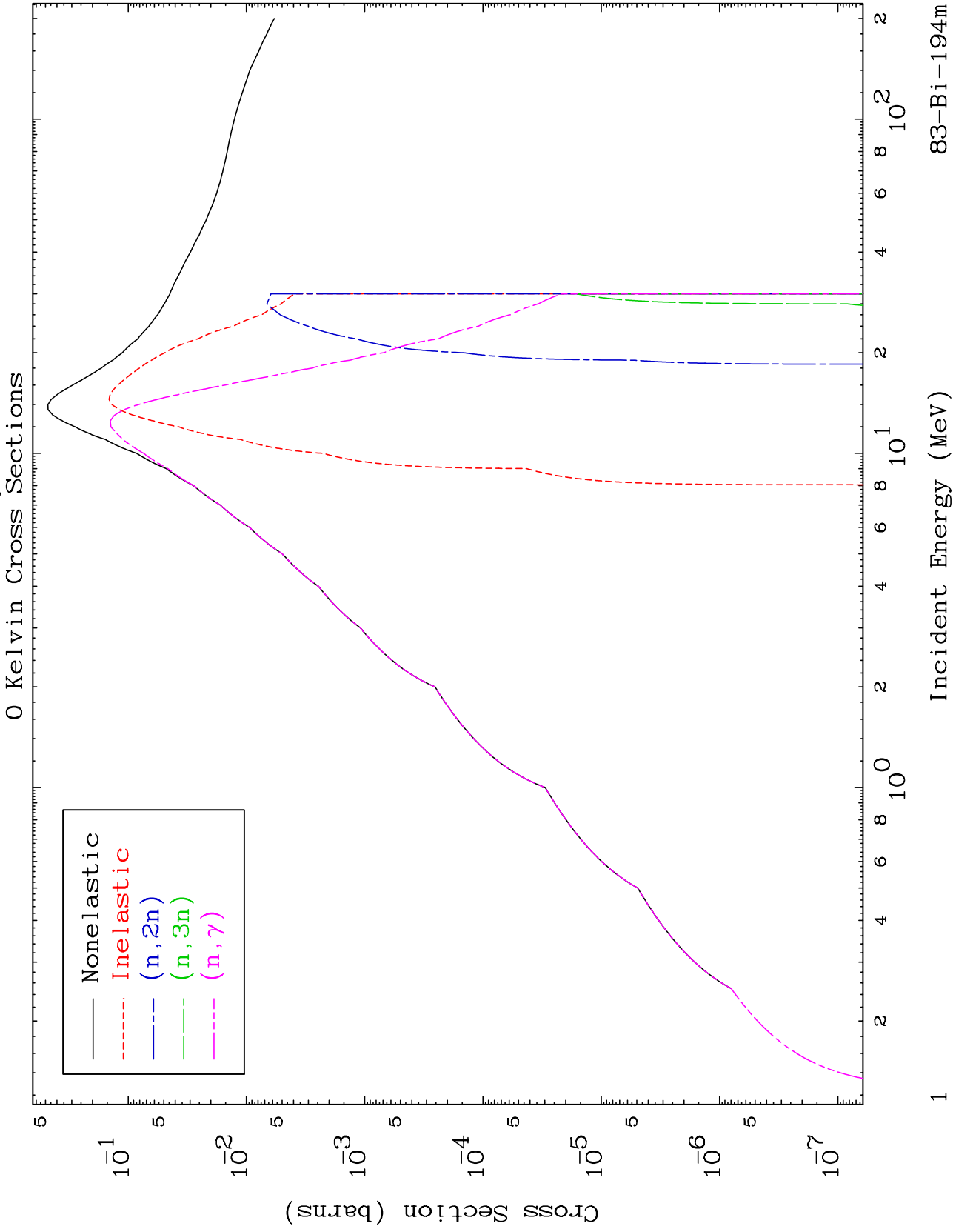
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8281

Photon Major

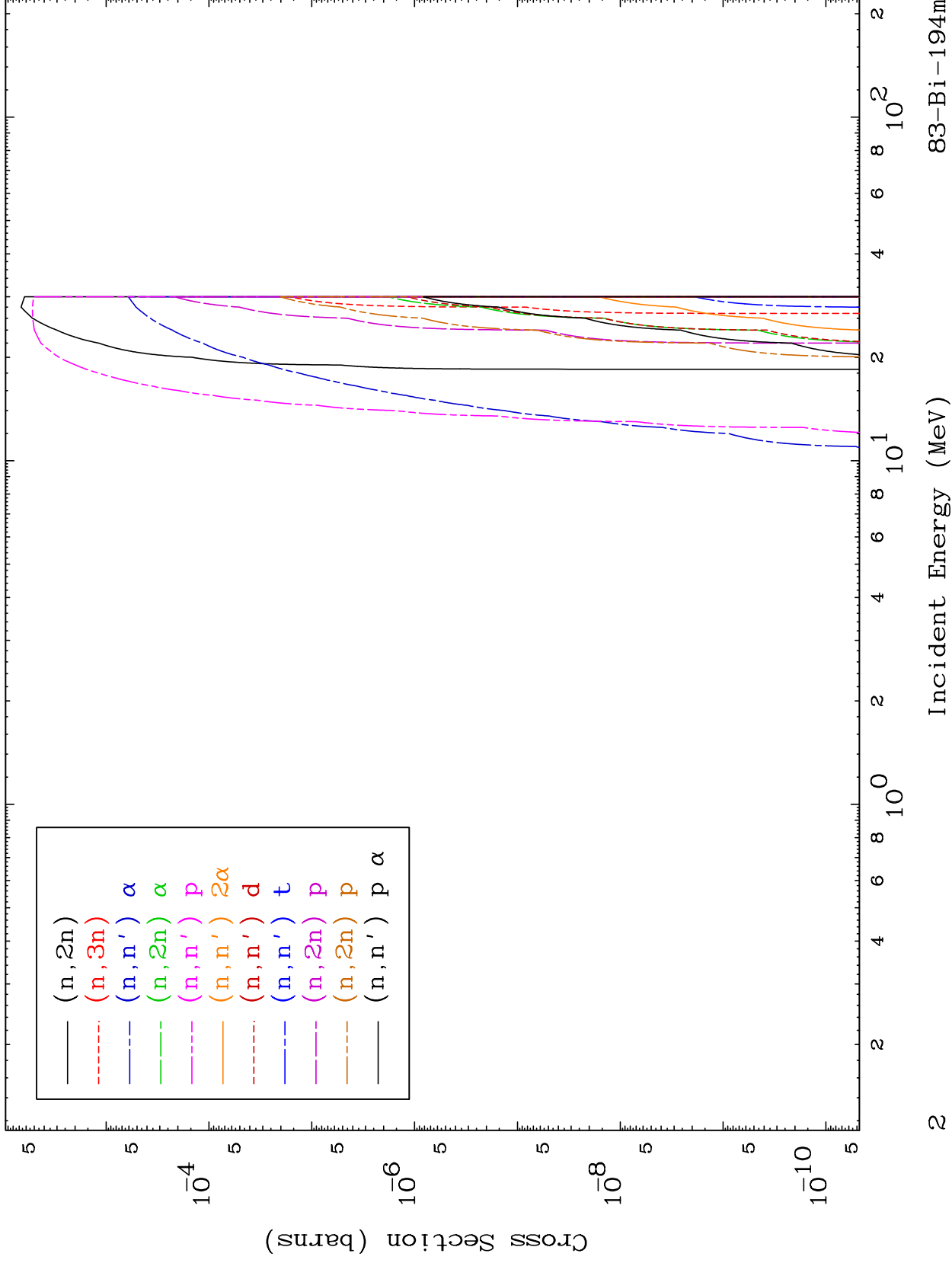
83-Bi-194m



MAT 8281

Photon Neutron Absorption
0 Kelvin Cross Sections

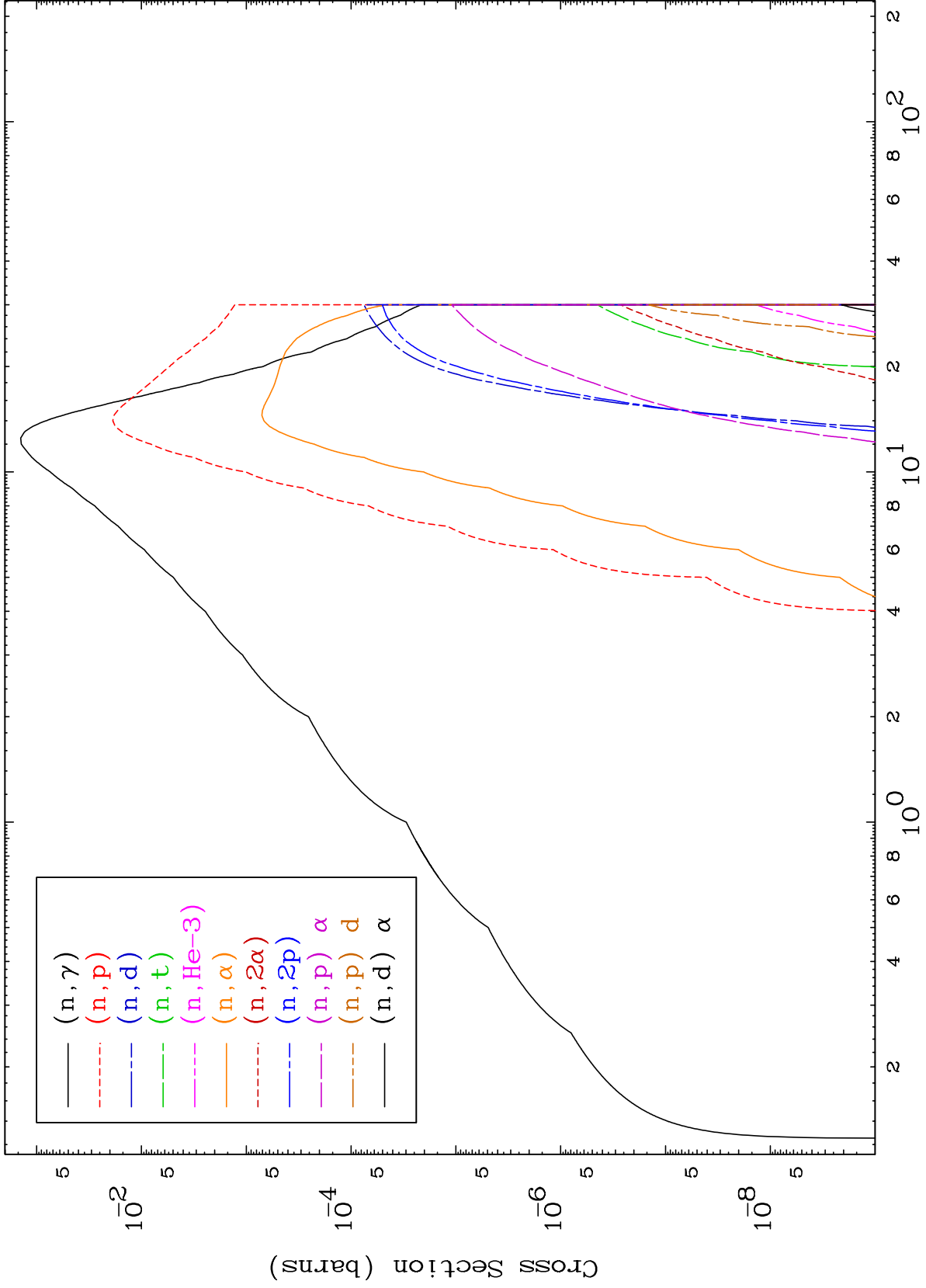
83-Bi-194m



MAT 8281

Photon Neutron Absorption
0 Kelvin Cross Sections

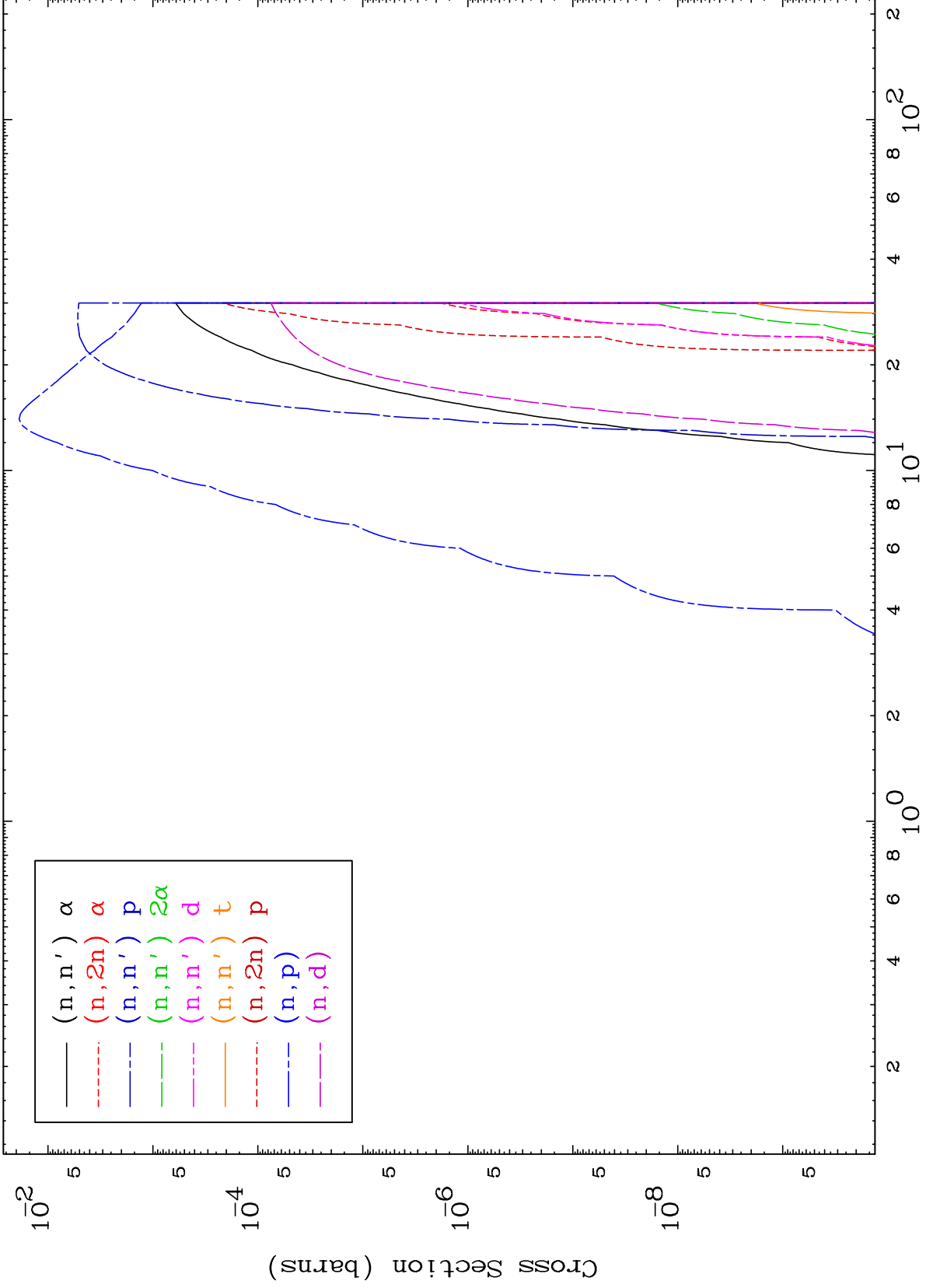
83-Bi-194m



MAT 8281

Photon Charged Particle
0 Kelvin Cross Sections

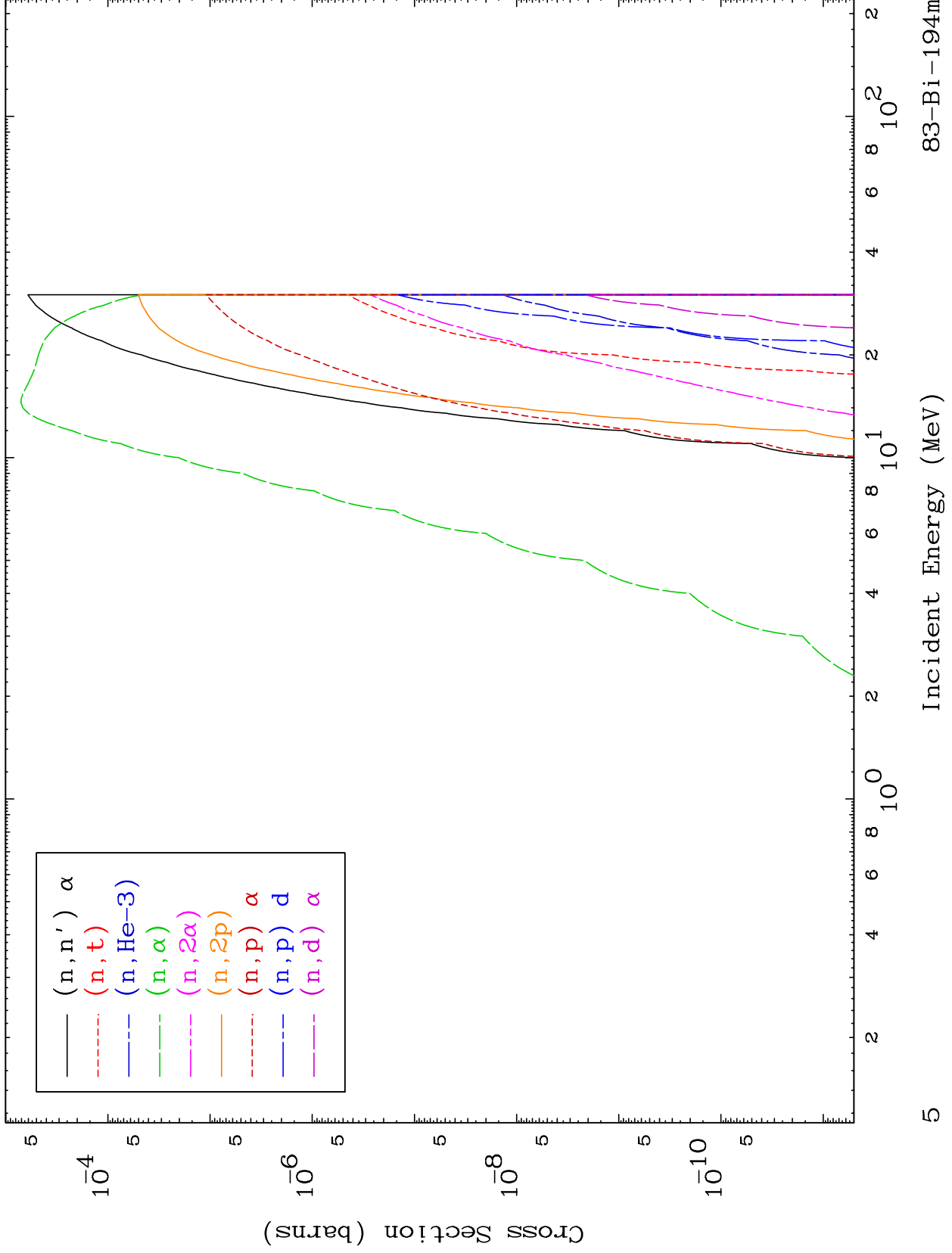
83-Bi-194m



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Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-194m

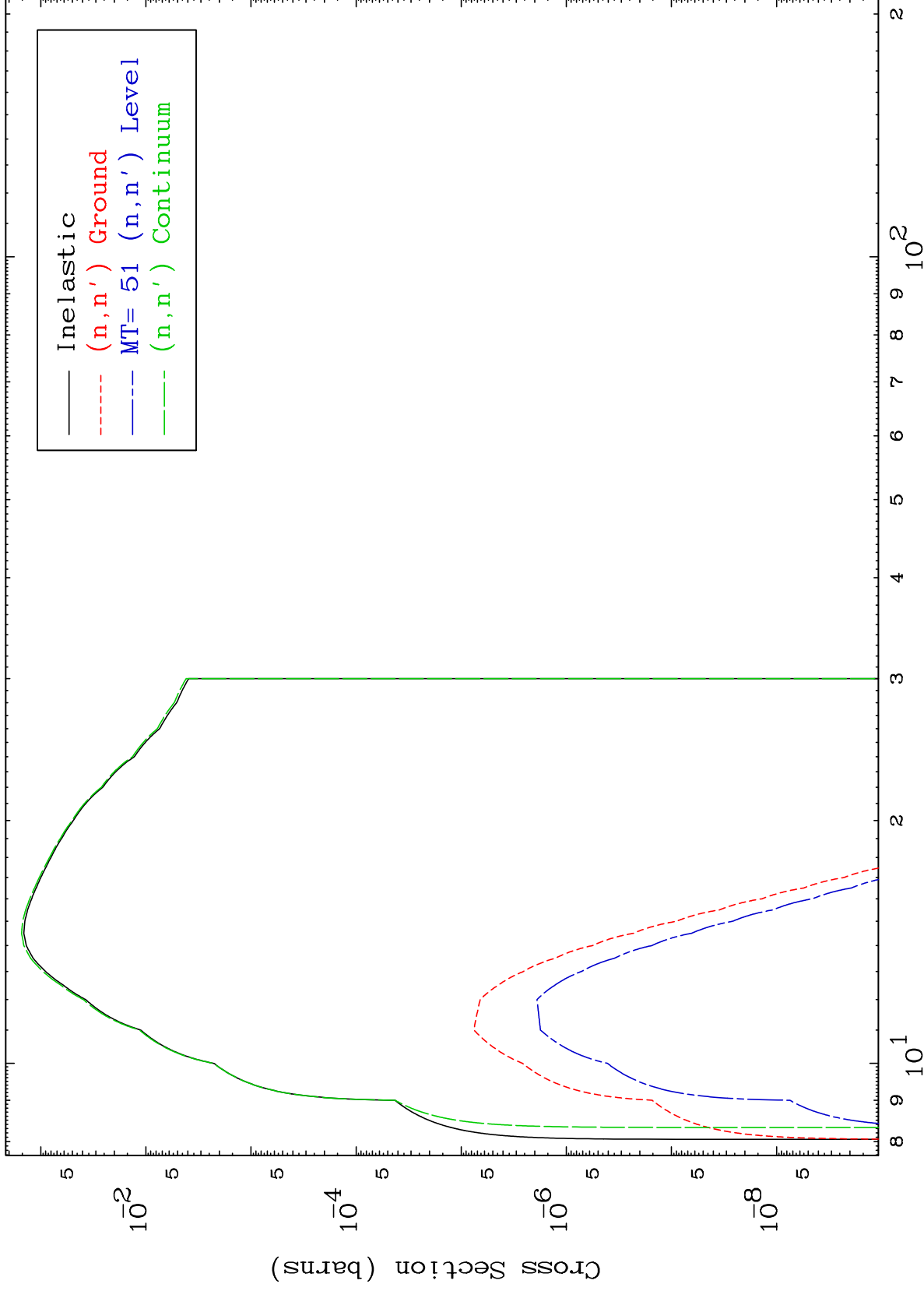


MAT 8281

(γ, n') Levels

83-Bi-194m

0 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-194m

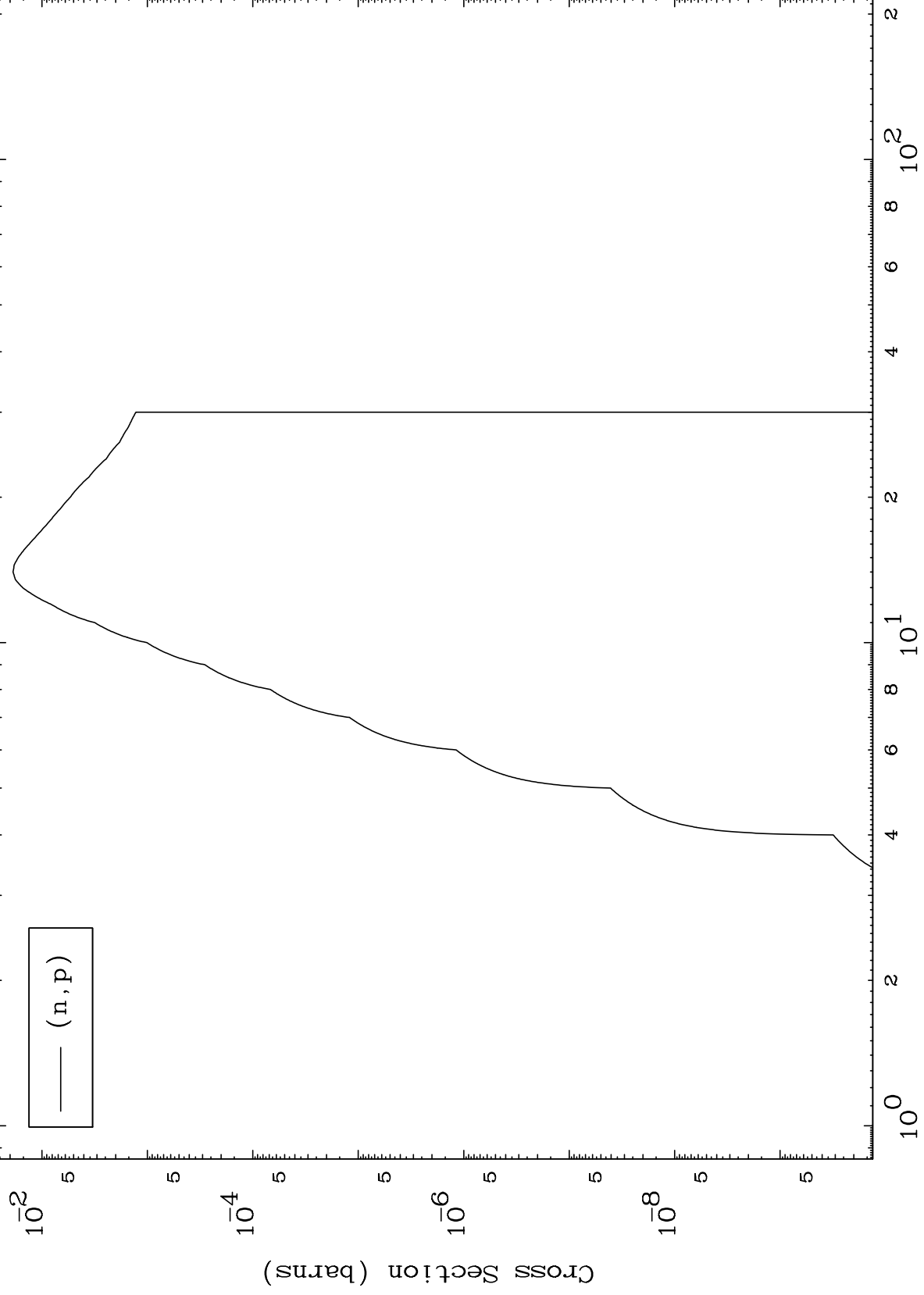
6

MAT 8281

(γ, p) Levels

83-Bi-194m

0 Kelvin Cross Sections



Incident Energy (MeV)

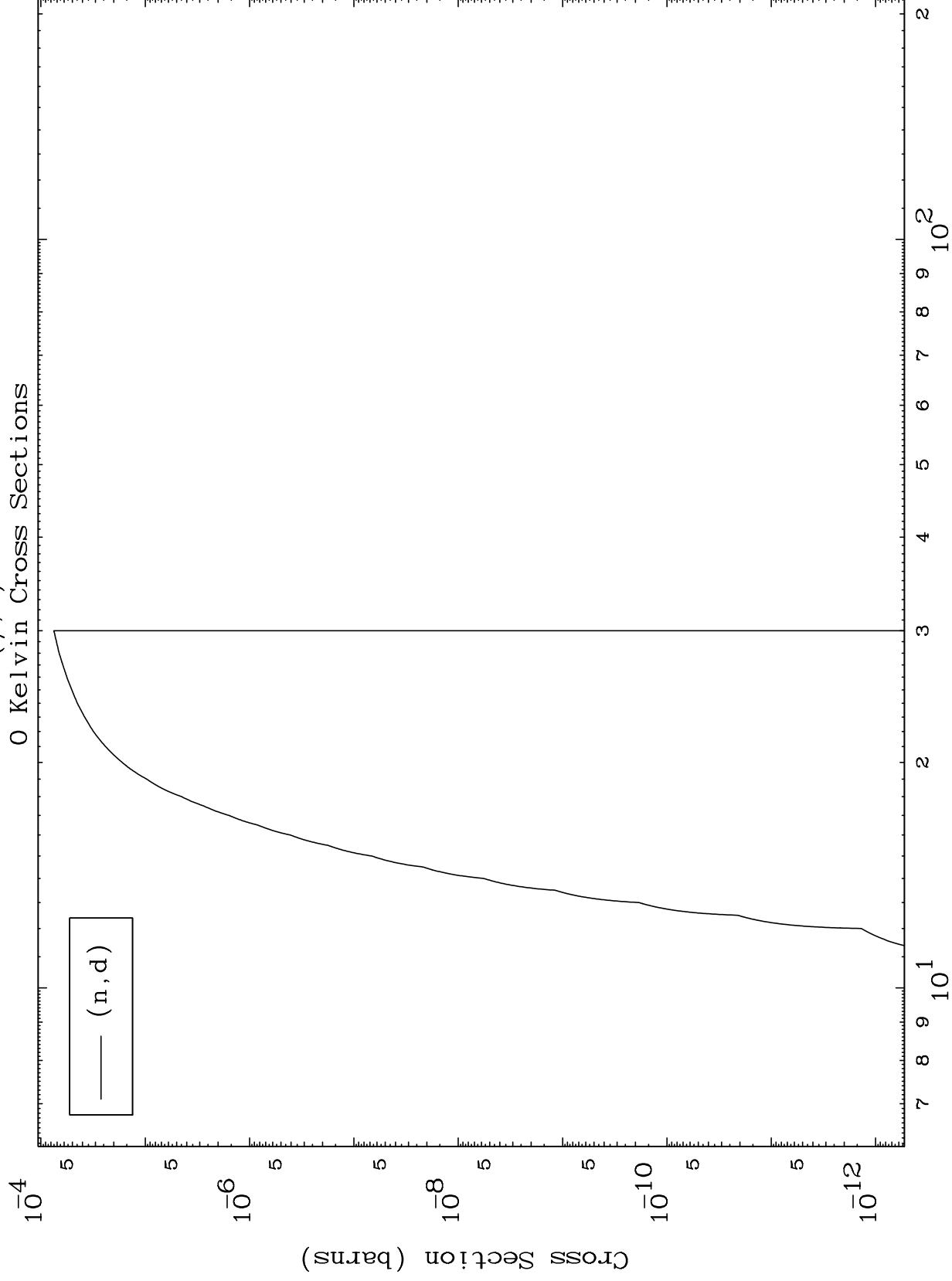
83-Bi-194m

7

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(γ, d) Levels
0 Kelvin Cross Sections

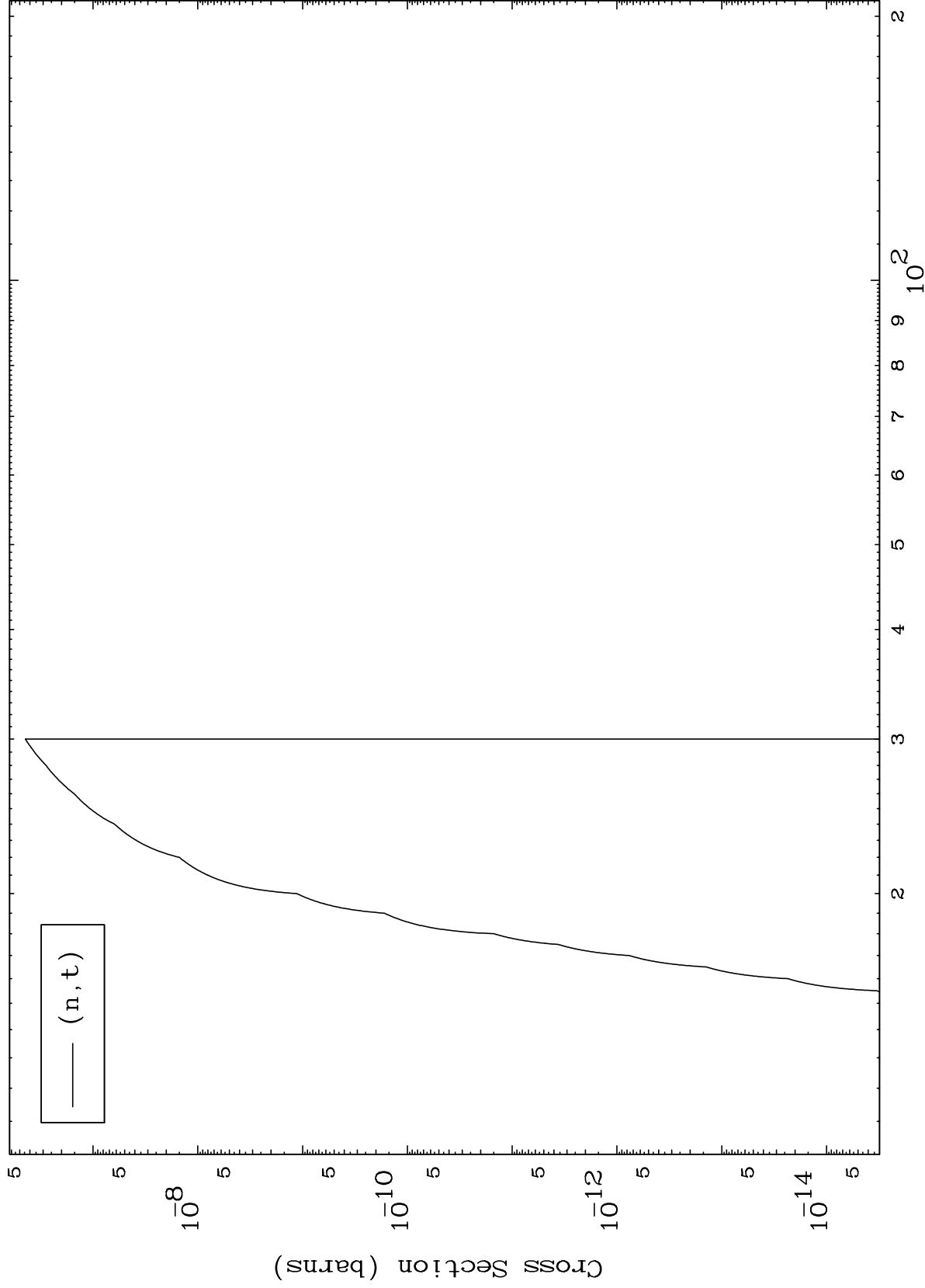
83-Bi-194m



8

Incident Energy (MeV)

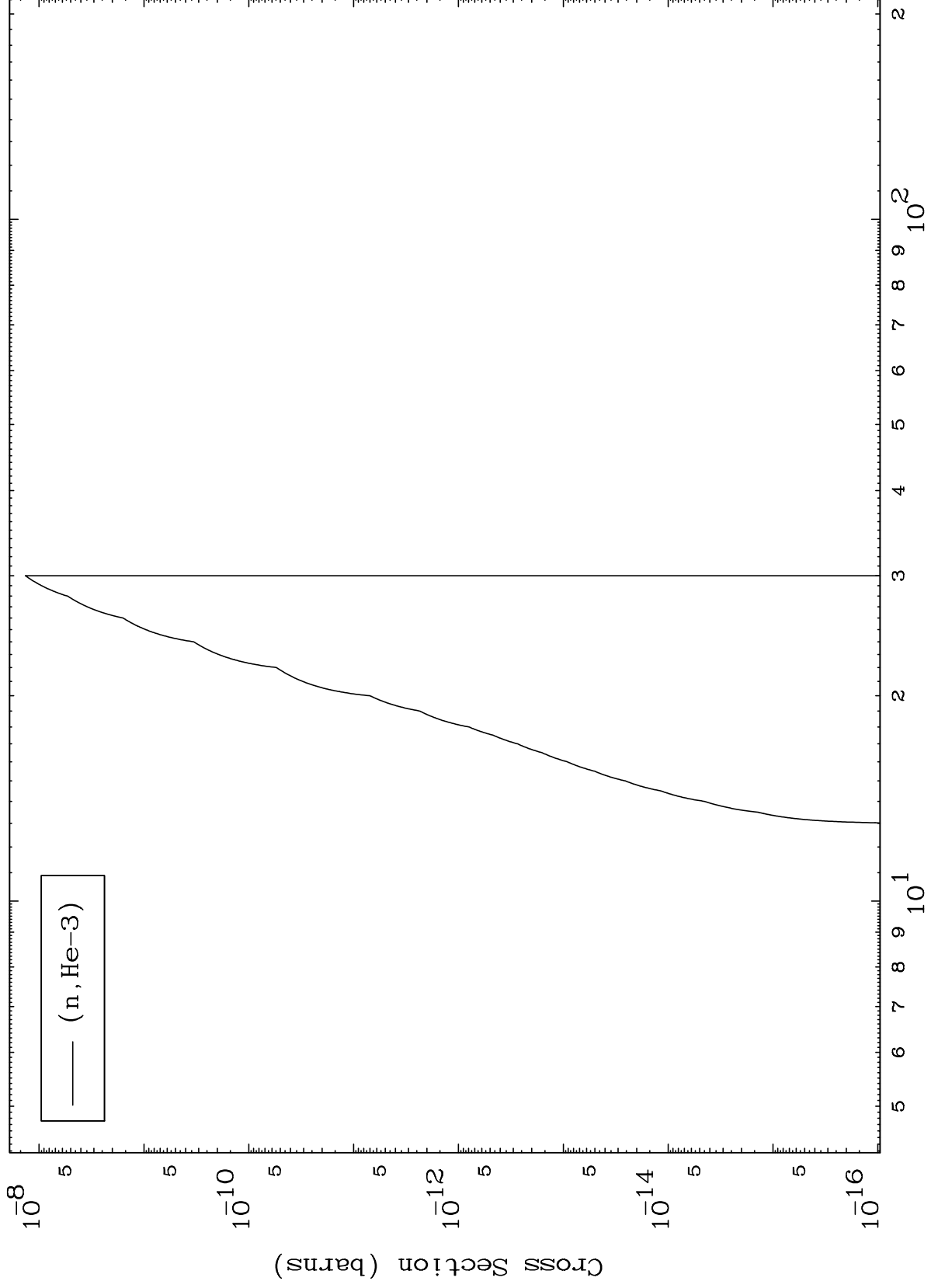
83-Bi-194m



MAT 8281

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

83-Bi-194m



10

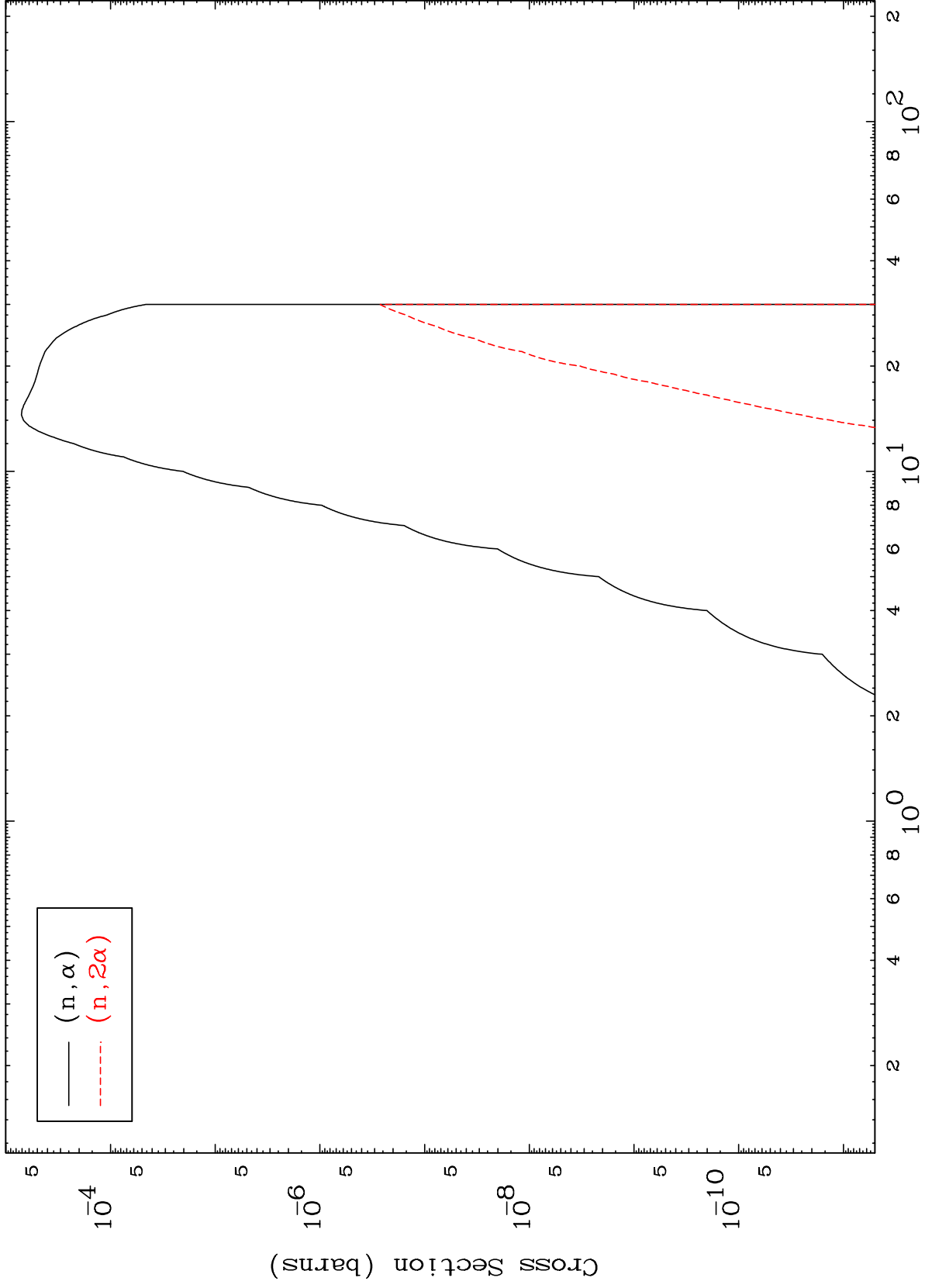
Incident Energy (MeV)

83-Bi-194m

MAT 8281

(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-194m



11

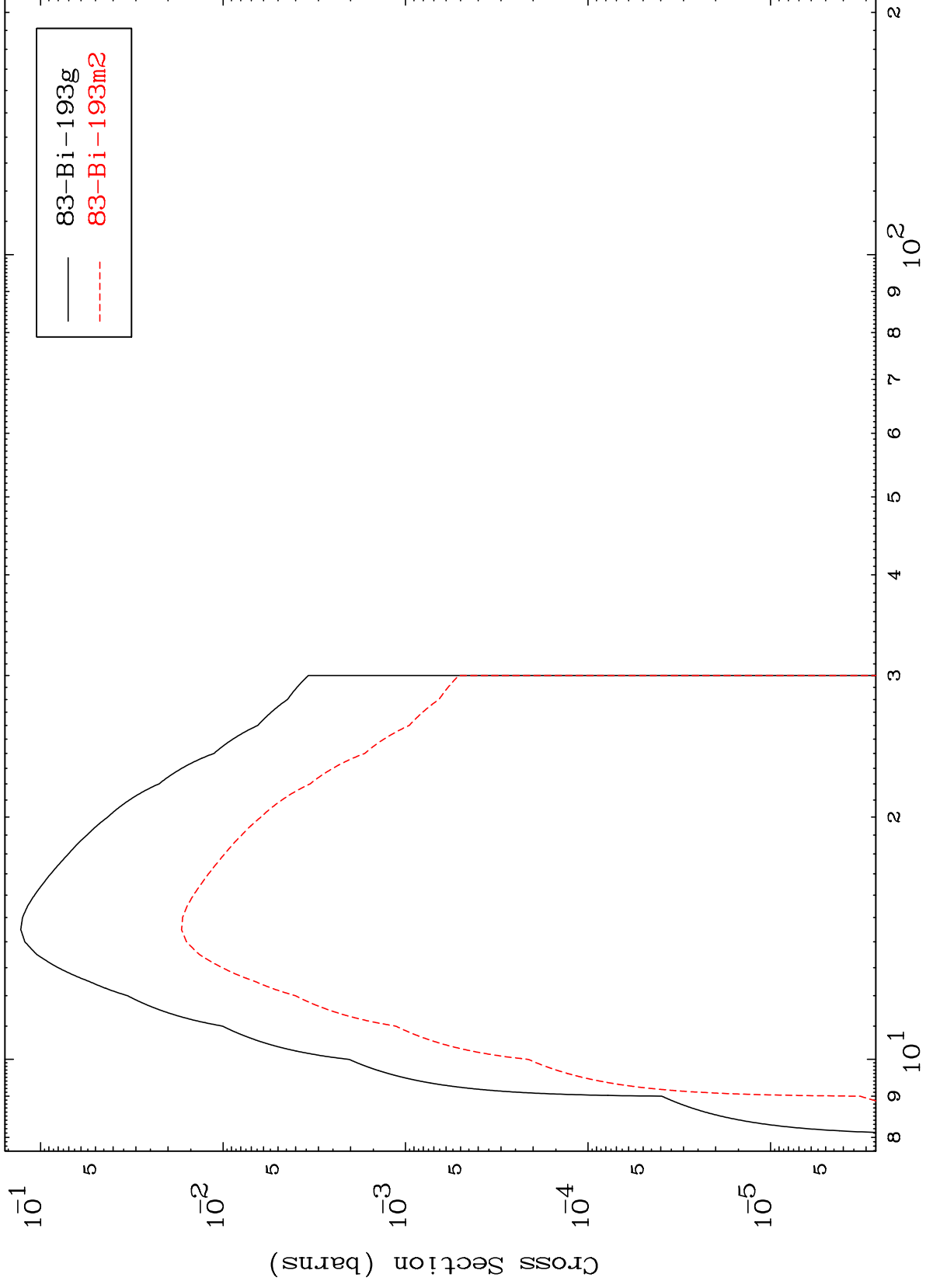
Incident Energy (MeV)

83-Bi-194m

MAT 8281

83-Bi-194m

Inelastic
Radionuclide Production Cross Section



83-Bi-194m

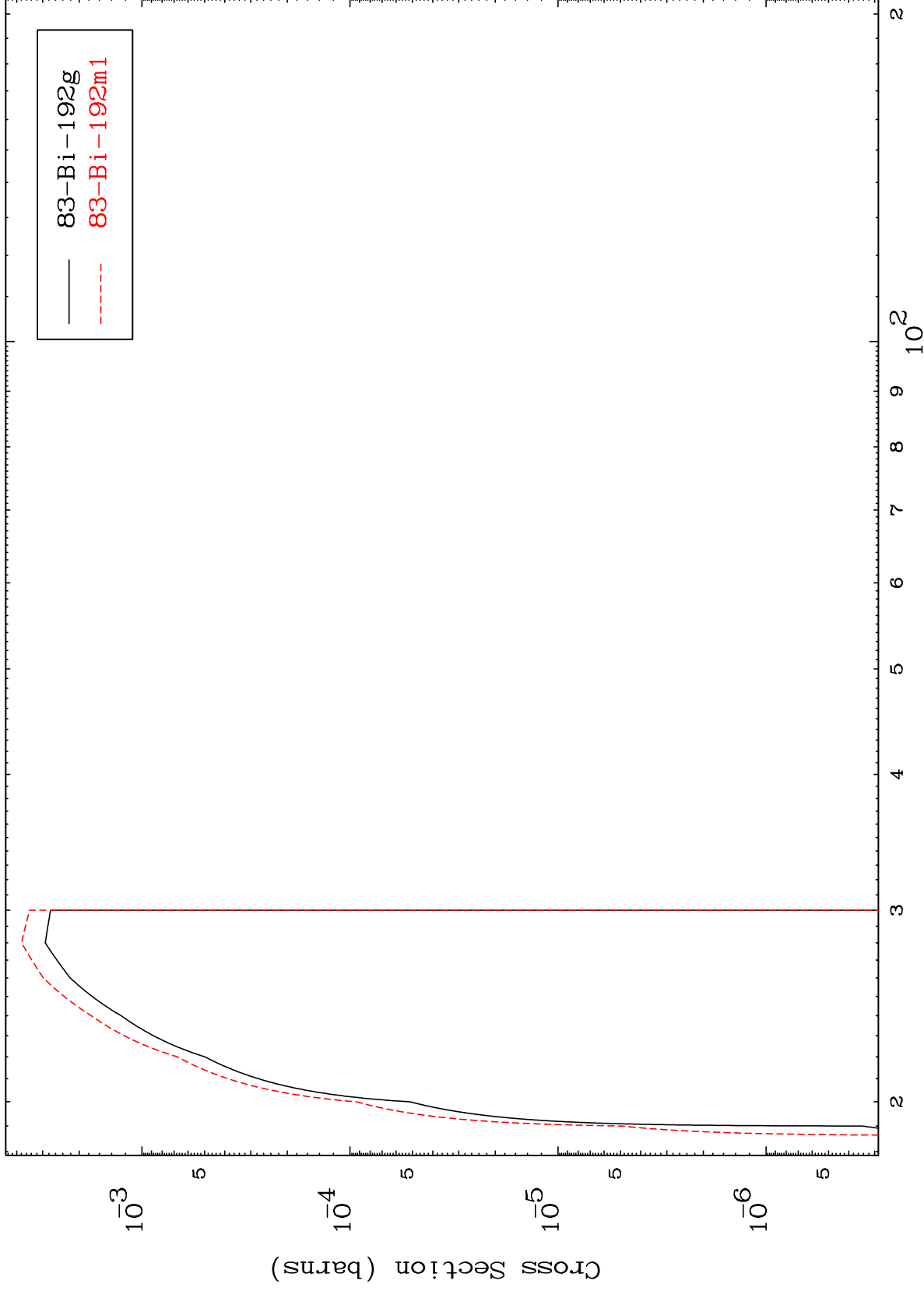
Incident Energy (MeV)

12

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83-Bi-194m

(n,2n)
Radionuclide Production Cross Section



13

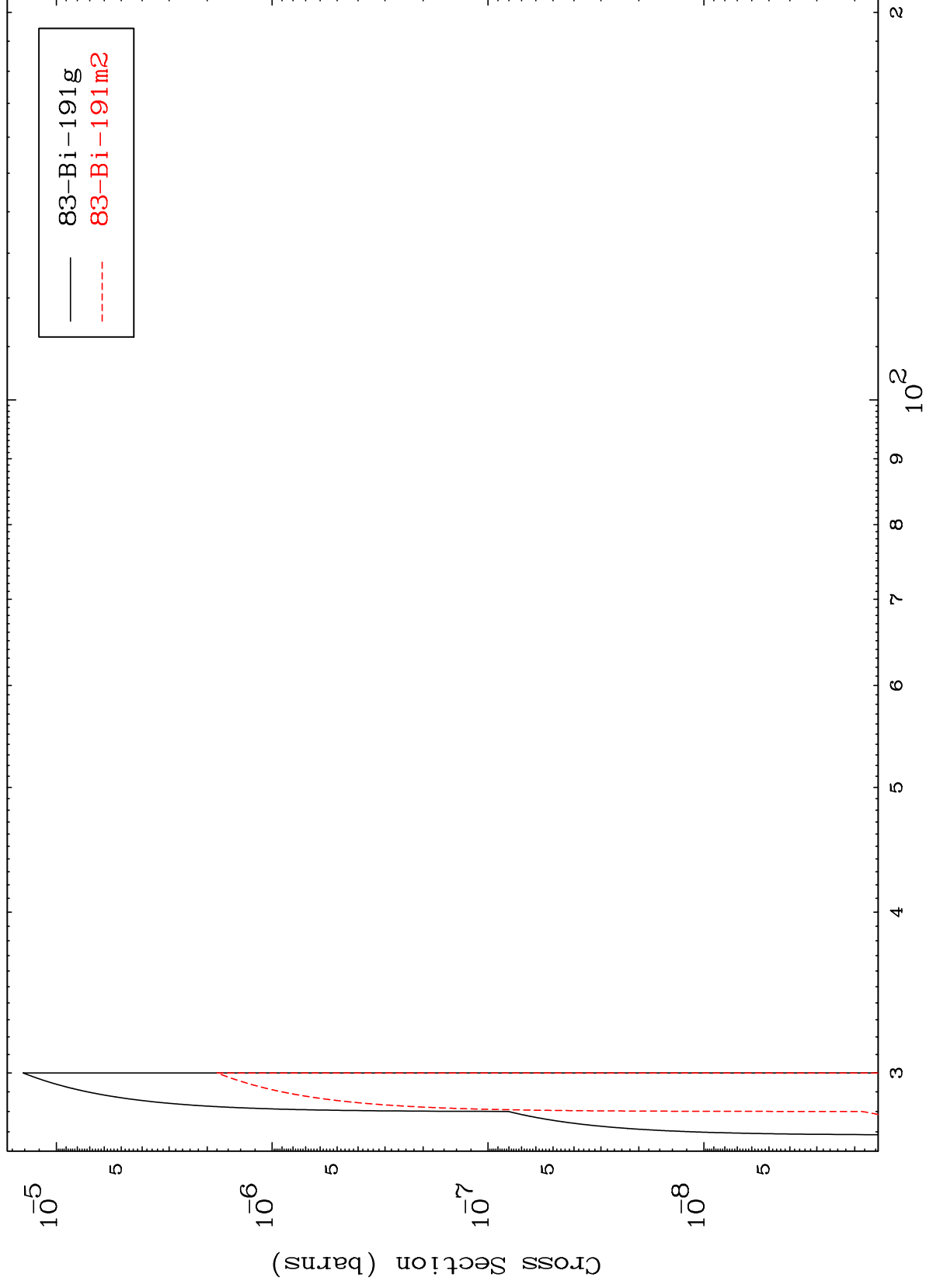
Incident Energy (MeV)

83-Bi-194m

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⁸³Bi-194m

(n,3n)
Radionuclide Production Cross Section



⁸³Bi-194m

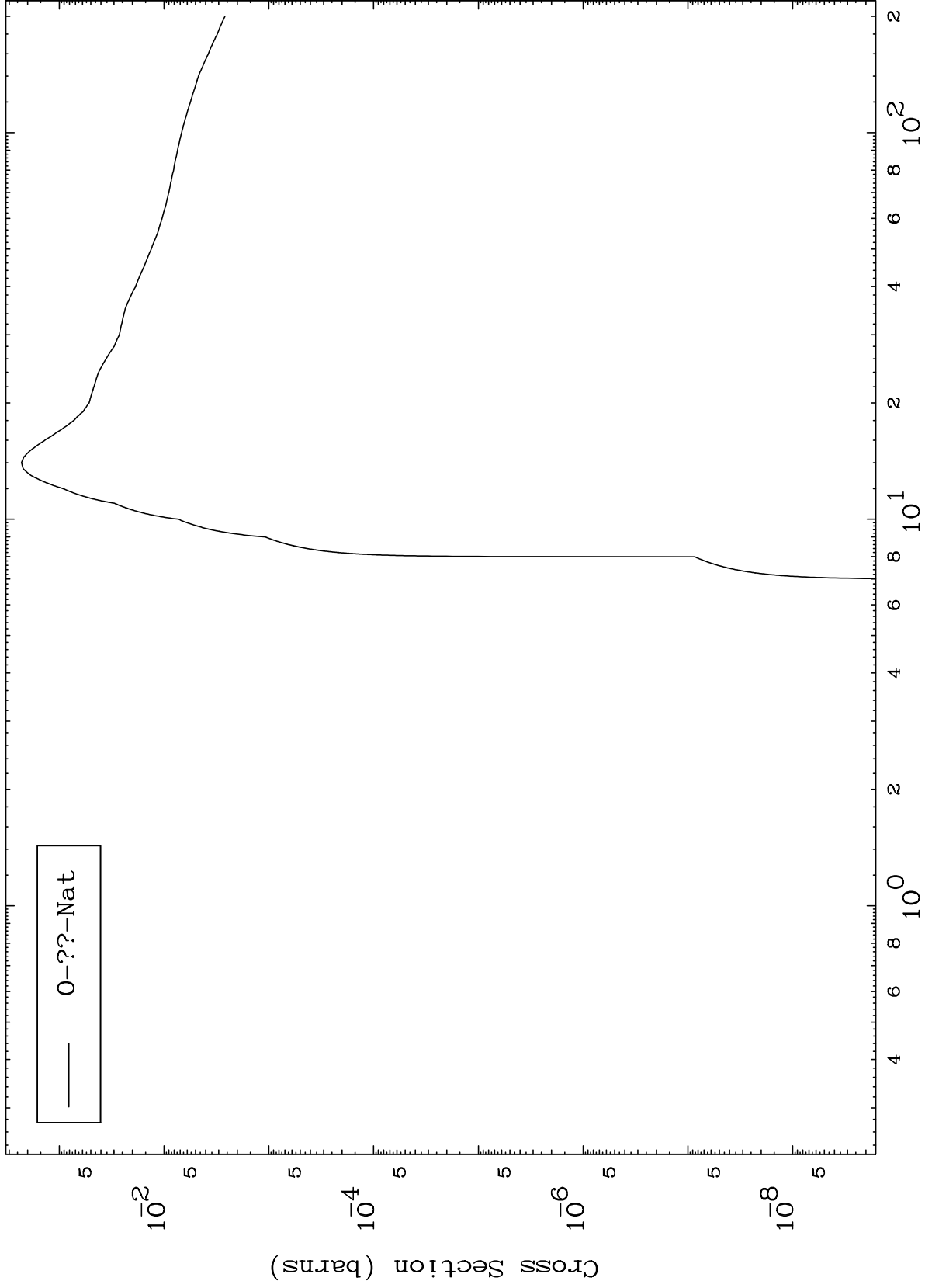
Incident Energy (MeV)

14

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83-Bi-194m

Fission
Radionuclide Production Cross Section

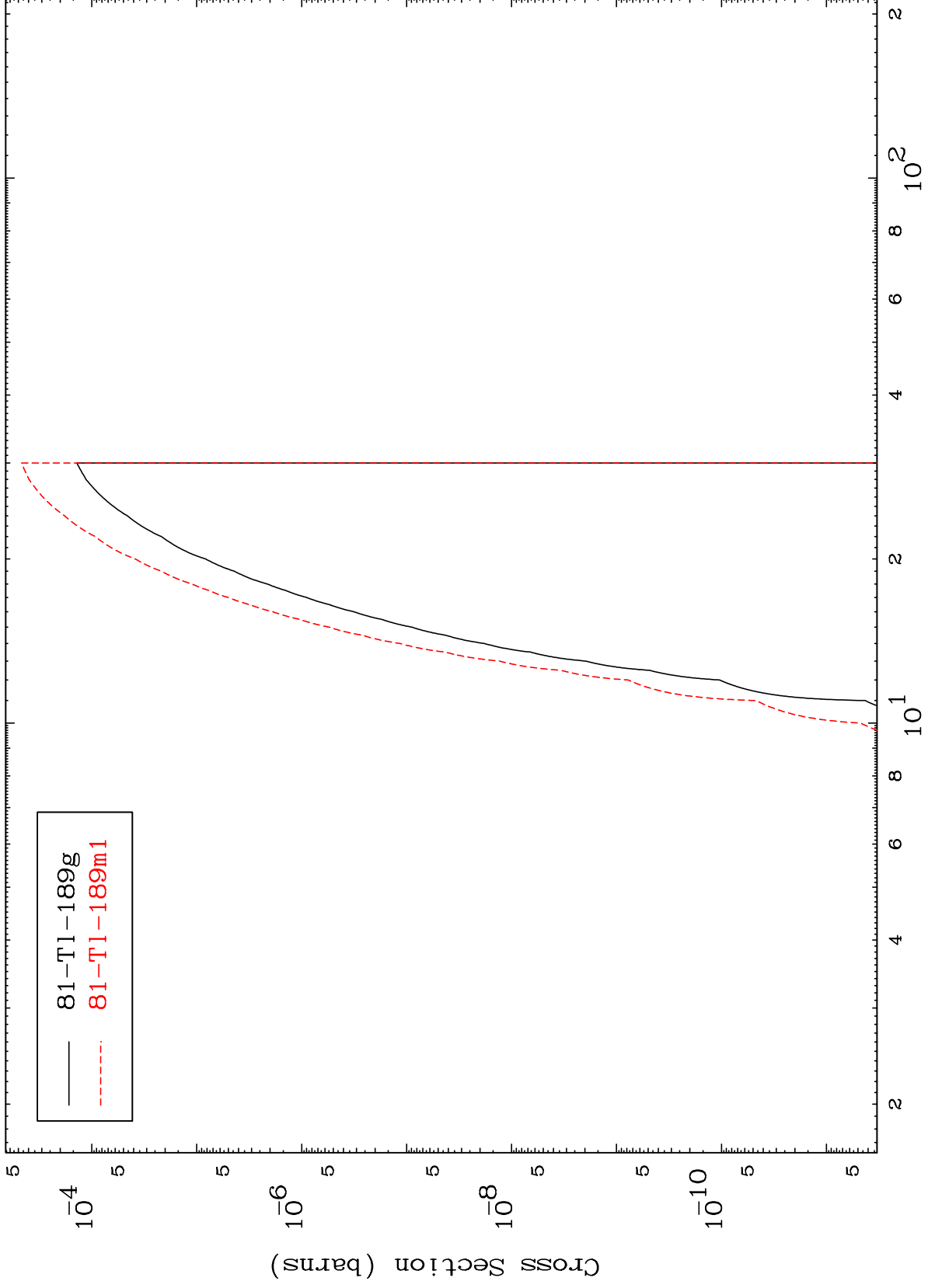


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$(n, n') \alpha$

83-Bi-194m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

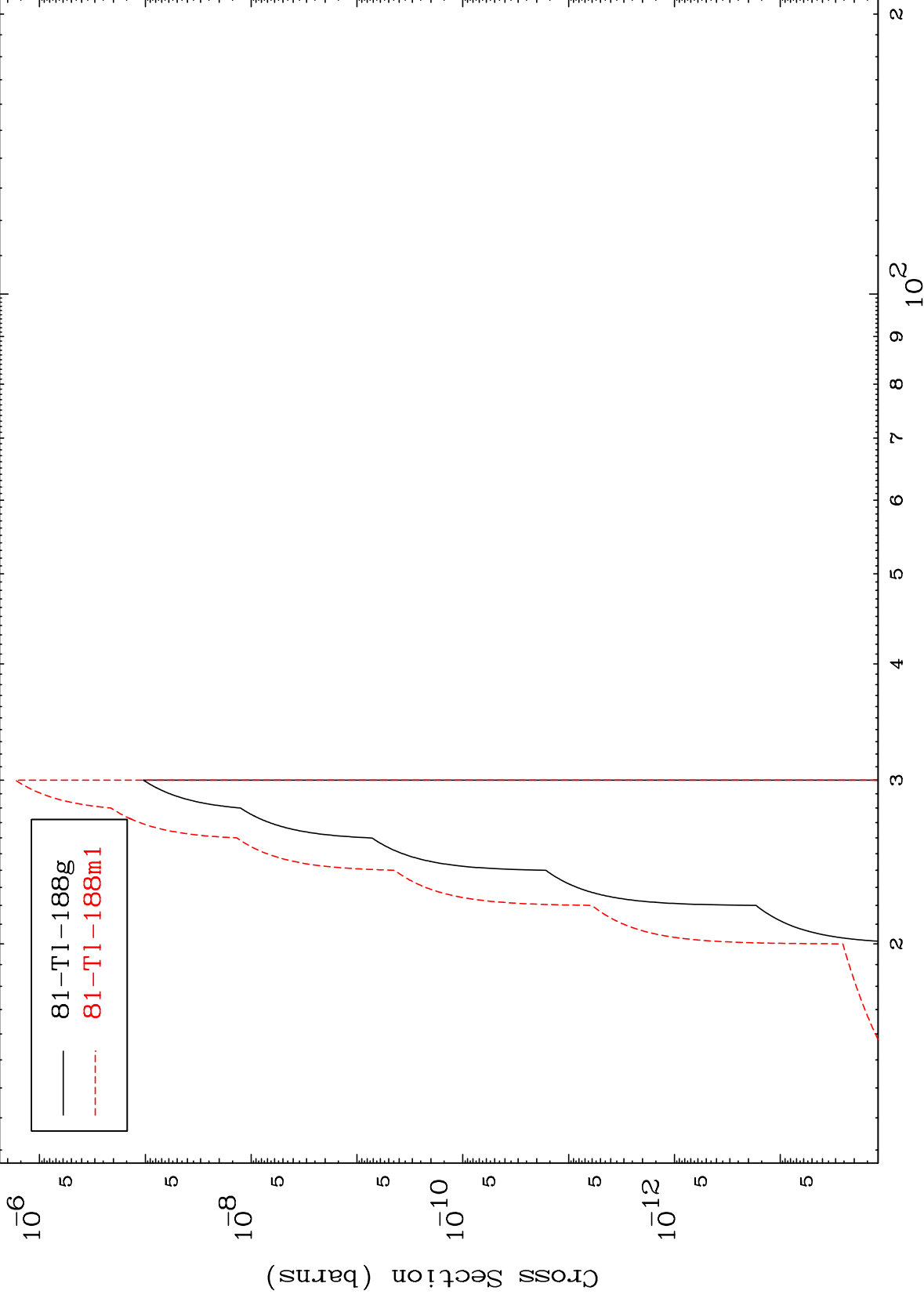
83-Bi-194m

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(n,2n) α

83-Bi-194m

Radionuclide Production Cross Section



17

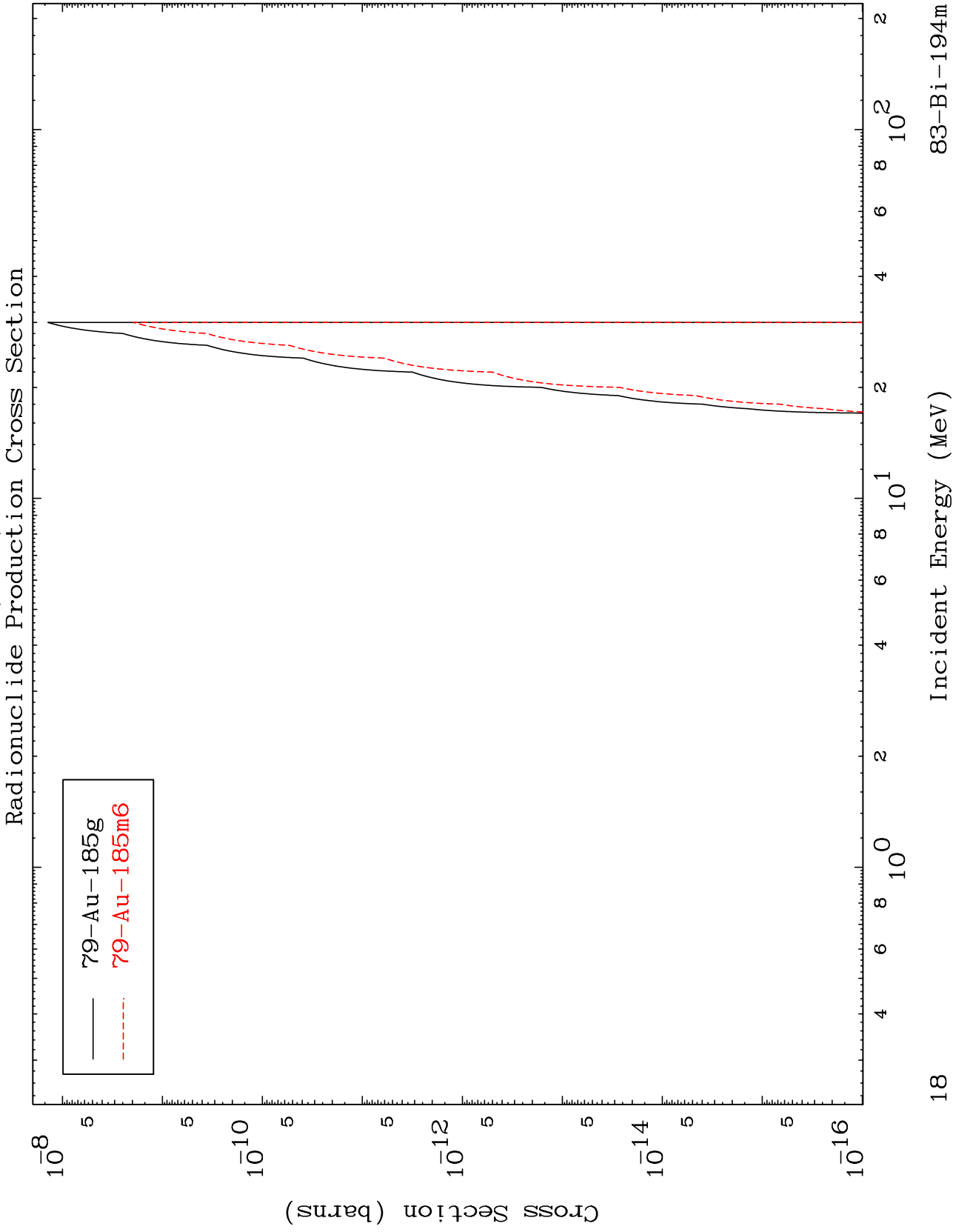
Incident Energy (MeV)

83-Bi-194m

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(n,n') 2 α

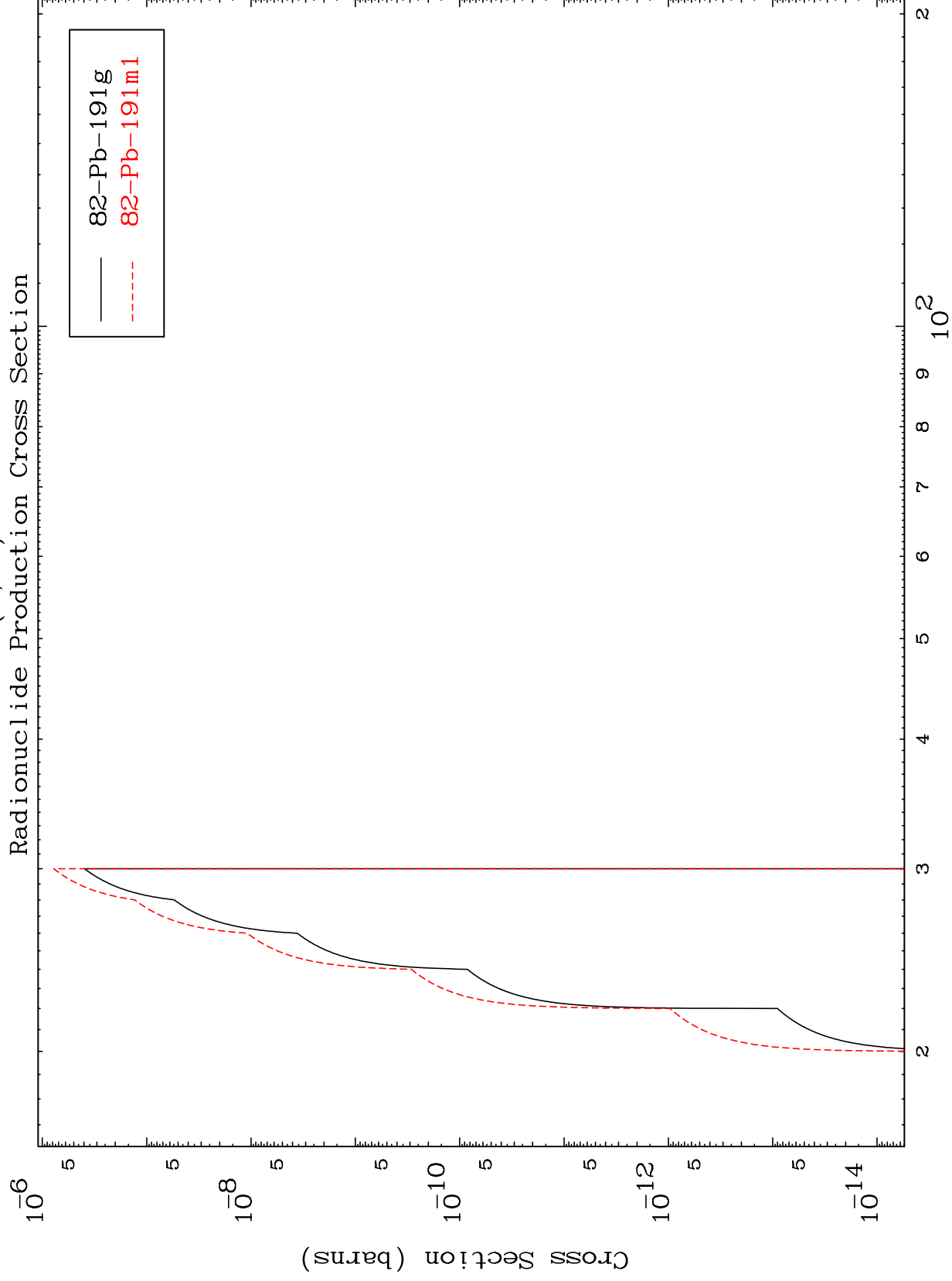
83-Bi-194m



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(n,n') d

83-Bi-194m



19

Incident Energy (MeV)

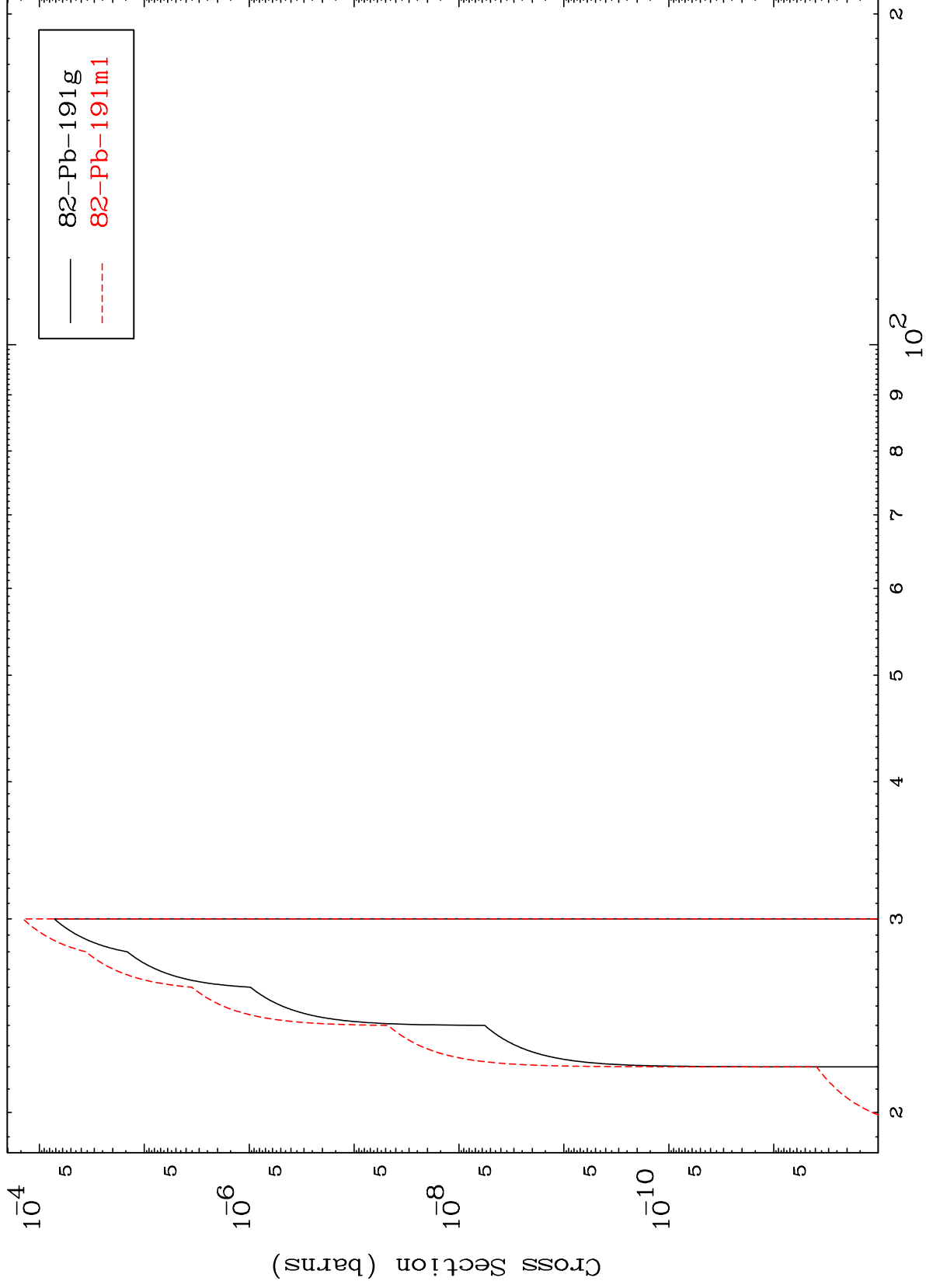
83-Bi-194m

MAT 8281

(n,2n) p

83-Bi-194m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

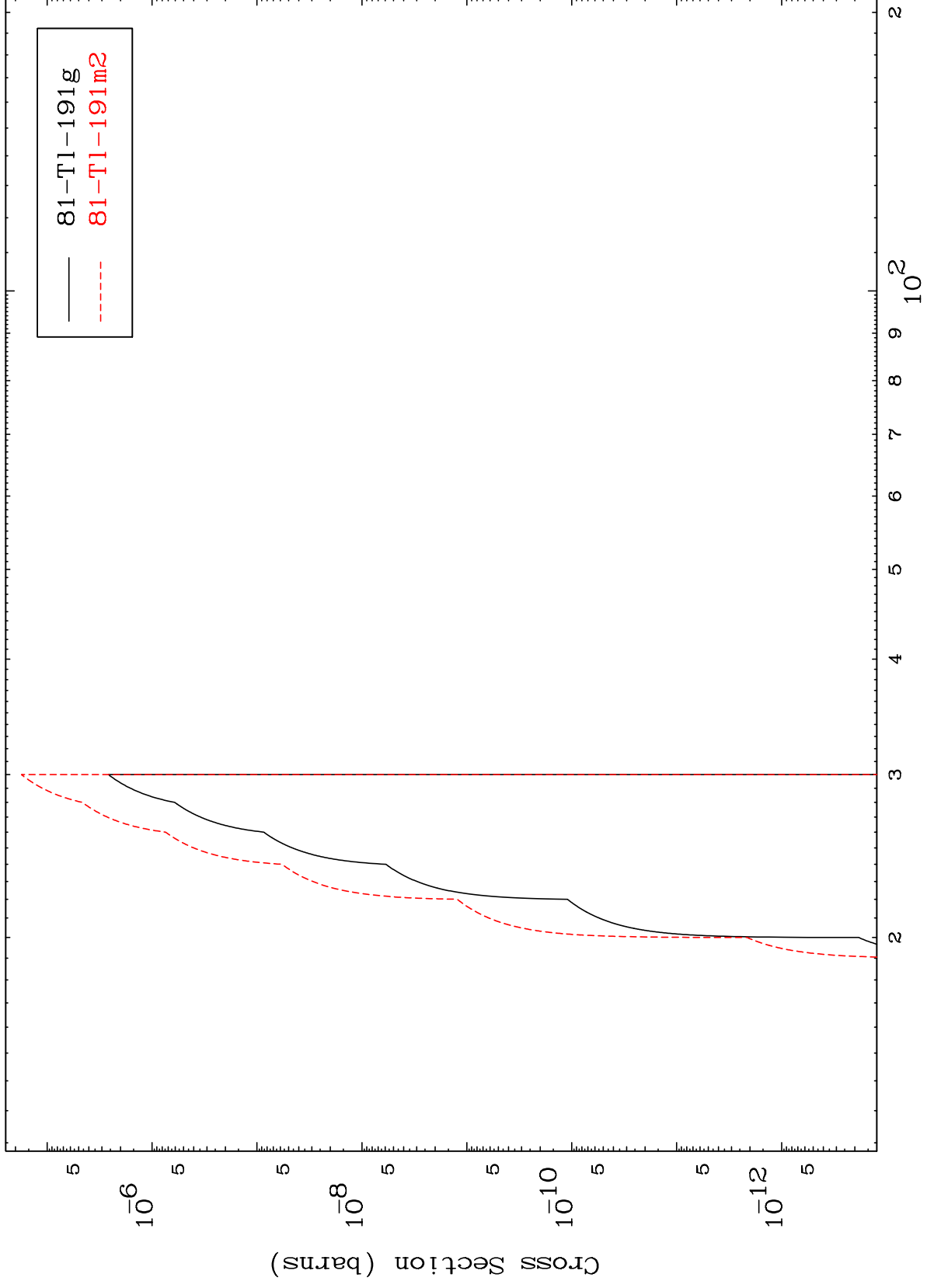
83-Bi-194m

MAT 8281

$(n,2n)$ p

83-Bi-194m

Radionuclide Production Cross Section



21

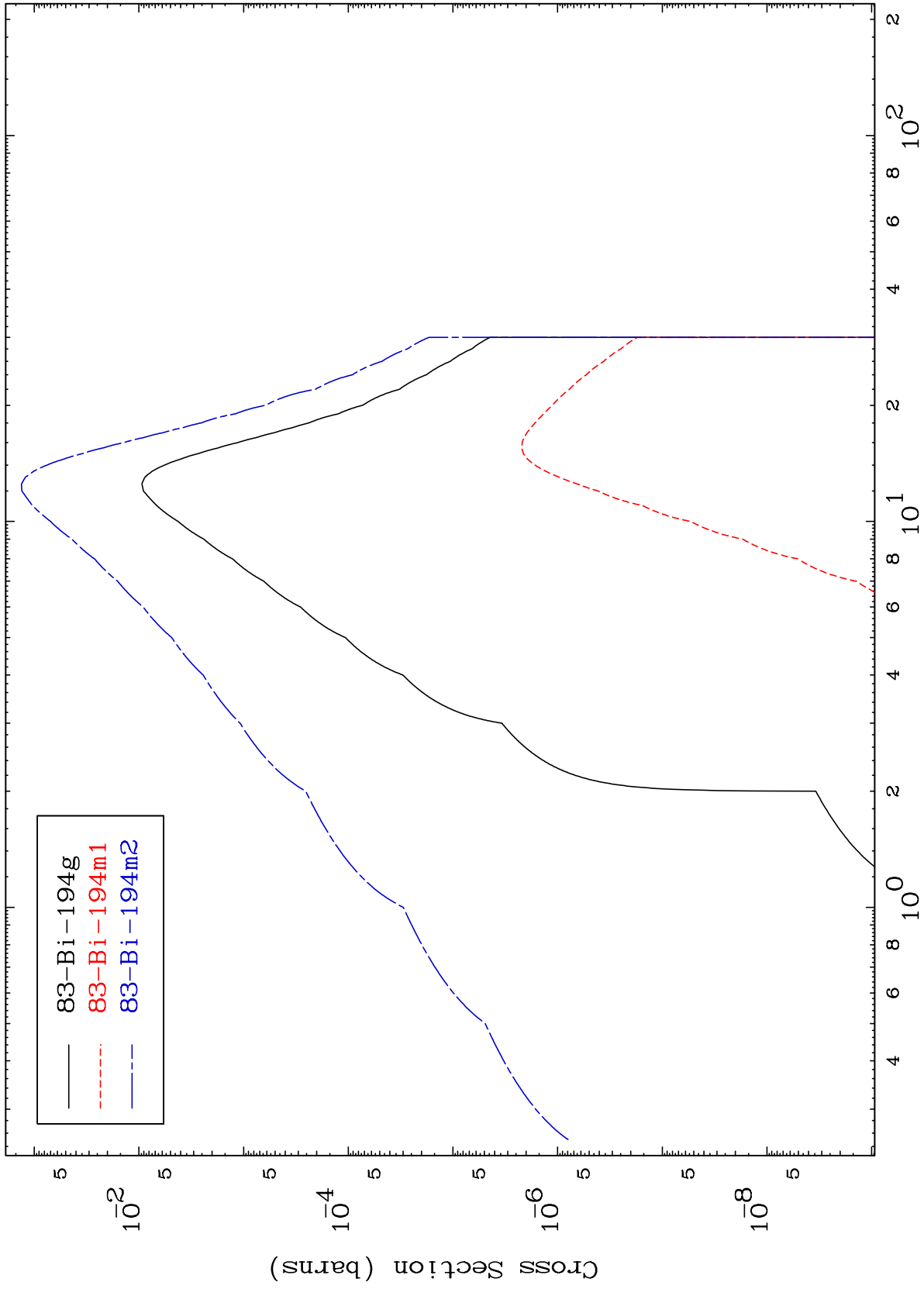
Incident Energy (MeV)

83-Bi-194m

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⁸³Bi-194m

Radionuclide Production Cross Section
(n, γ)



⁸³Bi-194m

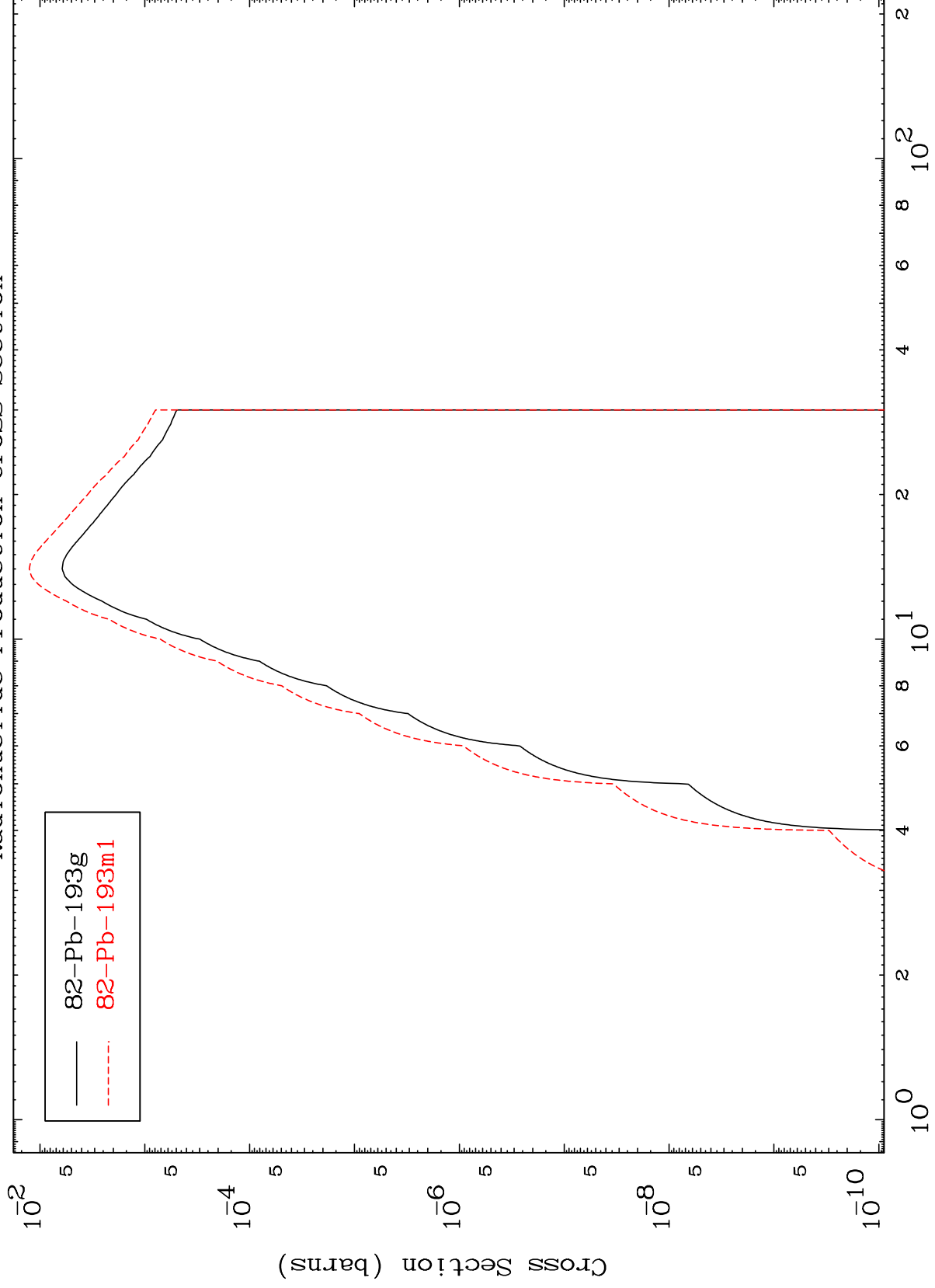
Incident Energy (MeV)

22

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⁸³Bi-194m

(n,p)
Radionuclide Production Cross Section



— 82-Pb-193g
- - - 82-Pb-193m1

Incident Energy (MeV)

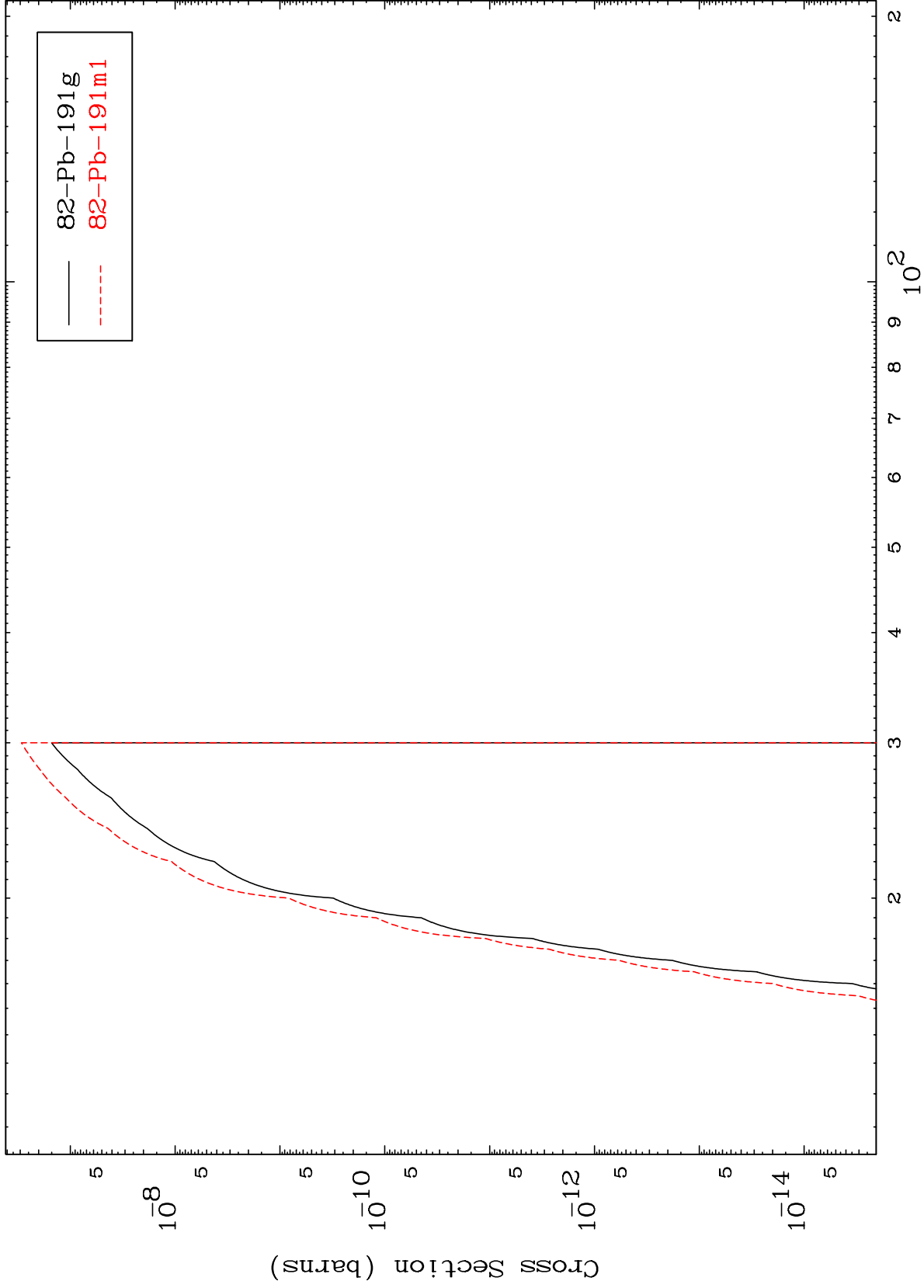
⁸³Bi-194m

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83-Bi-194m

(n, t)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

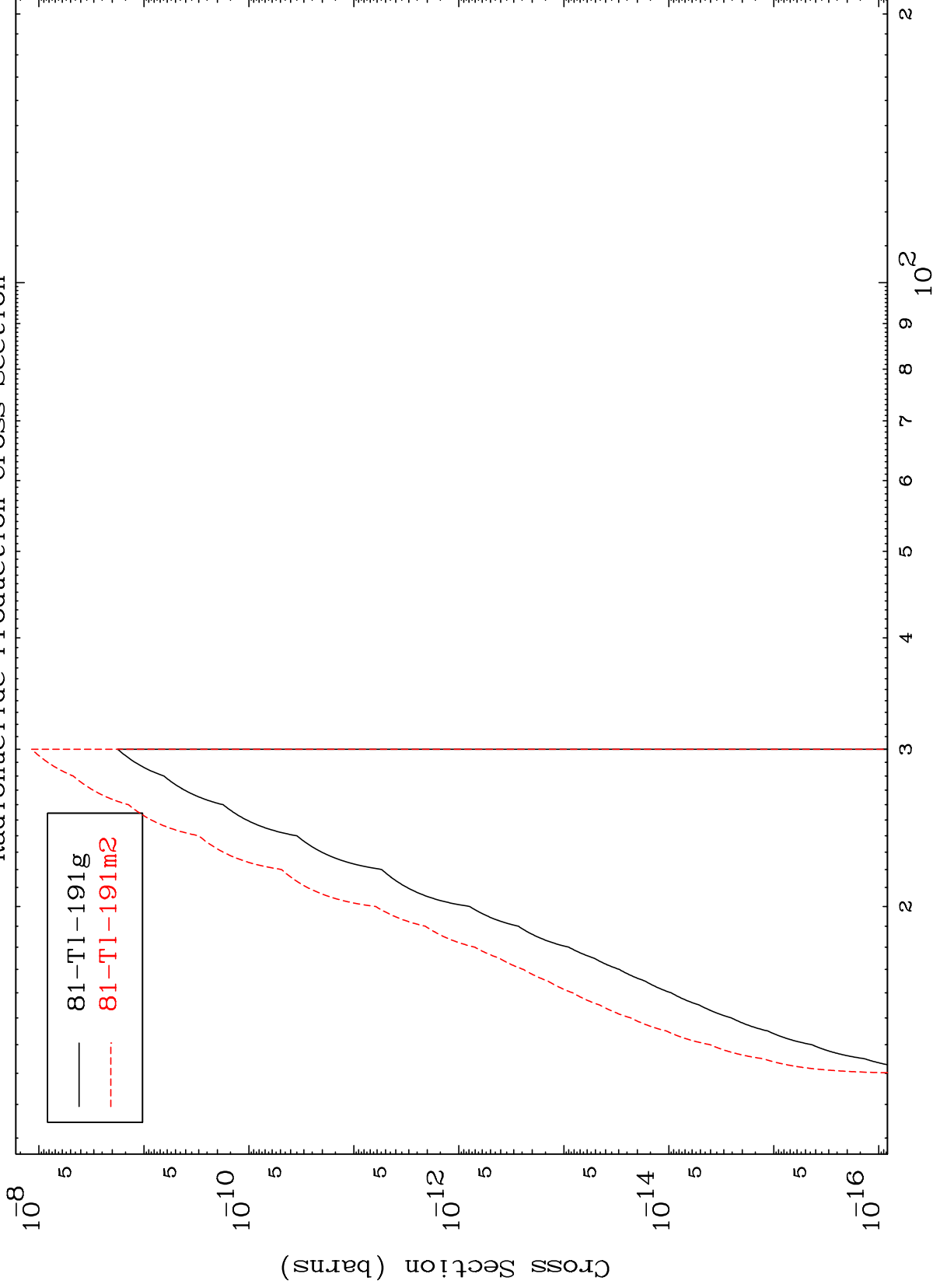
83-Bi-194m

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(n,He-3)

83-Bi-194m

Radionuclide Production Cross Section



25

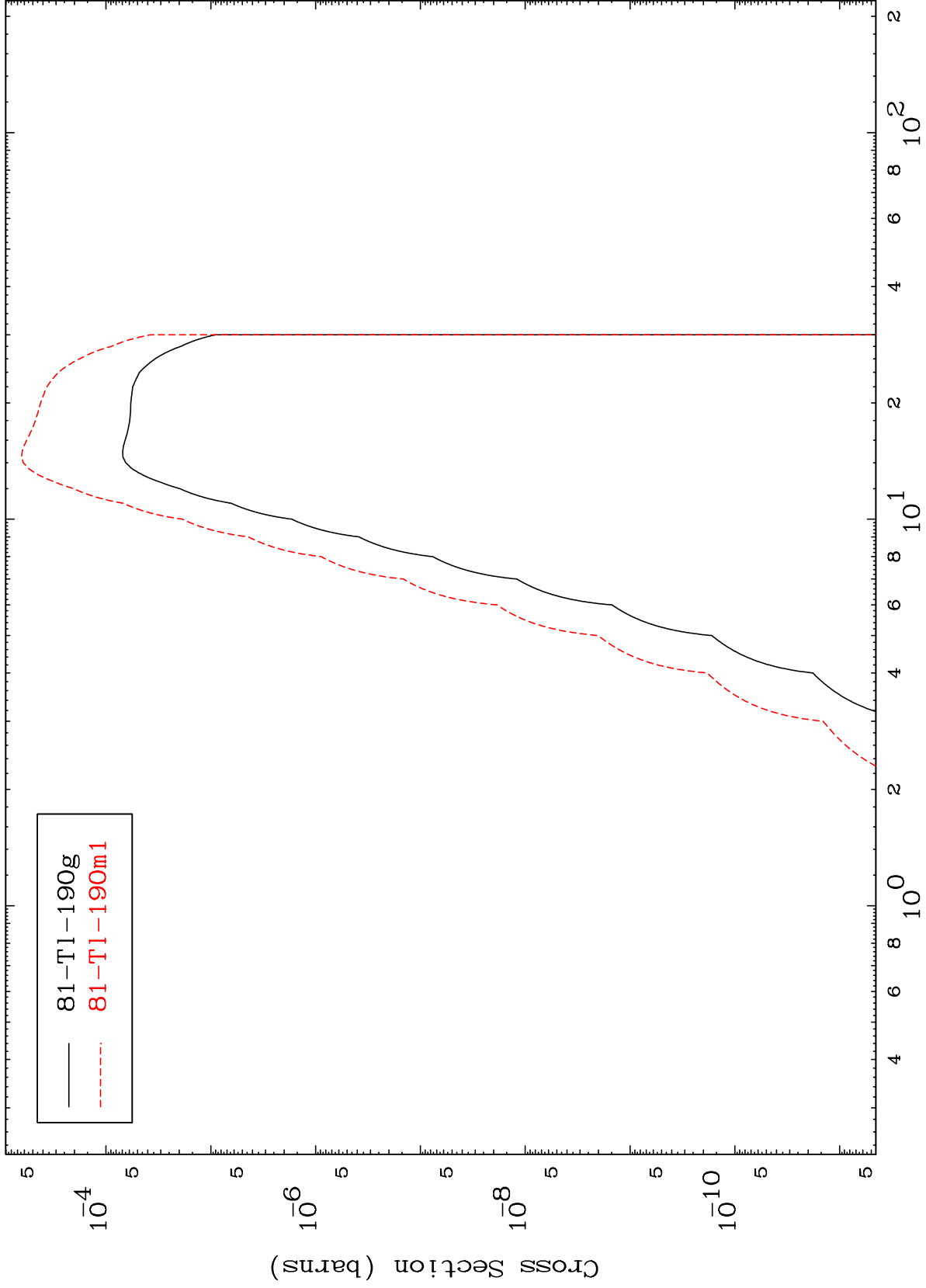
Incident Energy (MeV)

83-Bi-194m

MAT 8281

⁸³Bi-194m

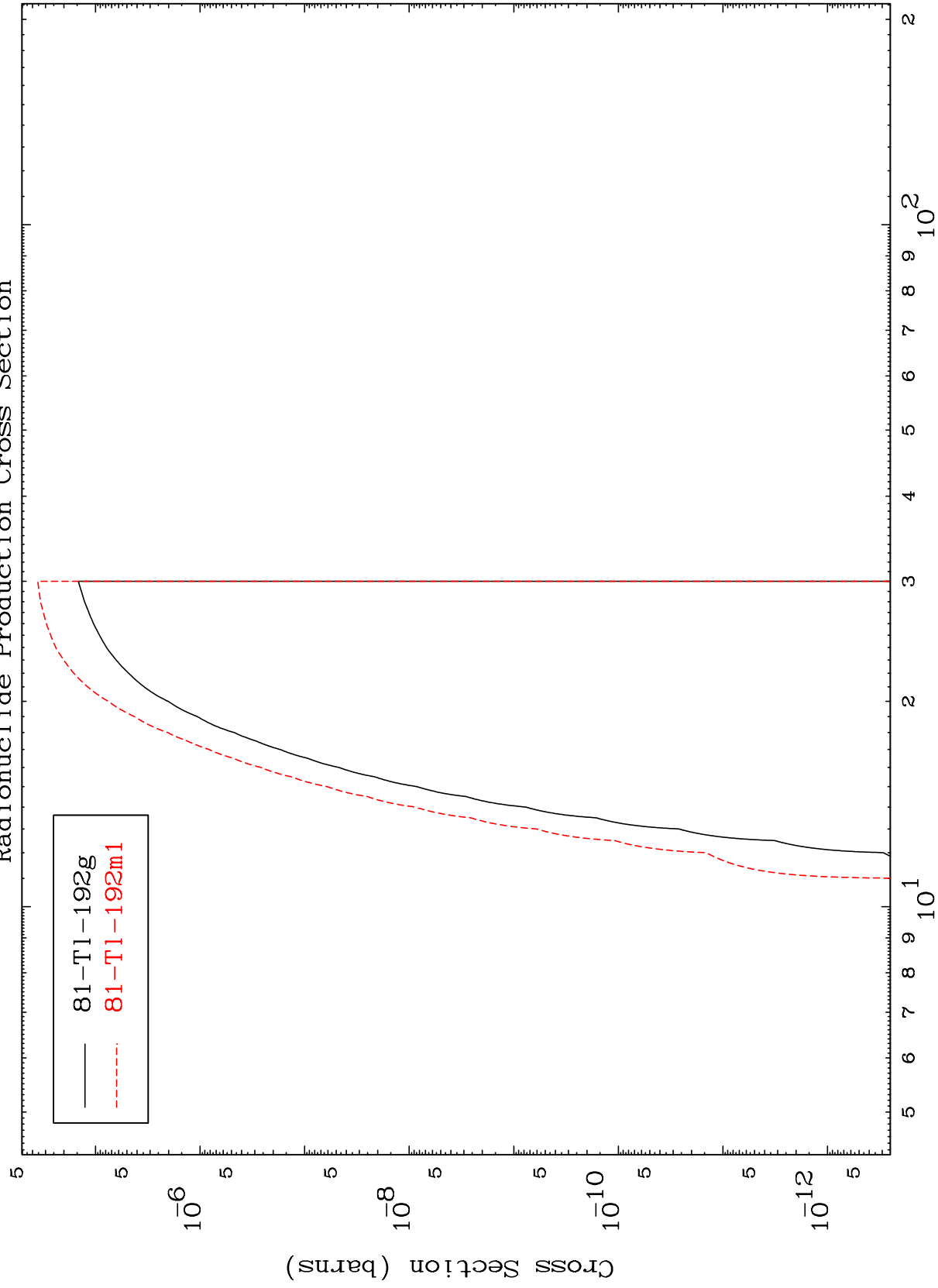
(n,α)
Radionuclide Production Cross Section



MAT 8281

83-Bi-194m

(n,2p)
Radionuclide Production Cross Section



83-Bi-194m

Incident Energy (MeV)

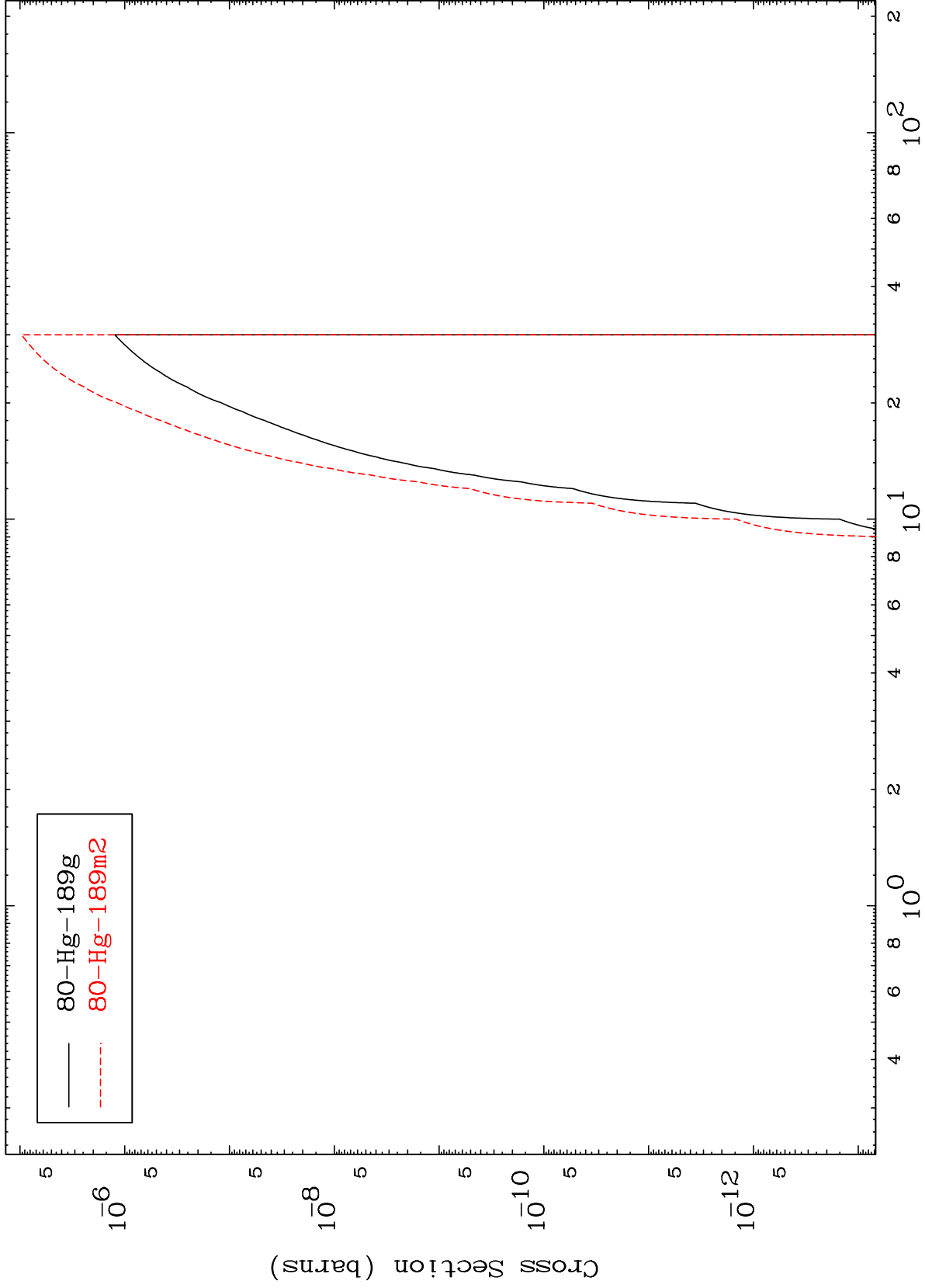
27

MAT 8281

(n,p) α

⁸³Bi-194m

Radionuclide Production Cross Section

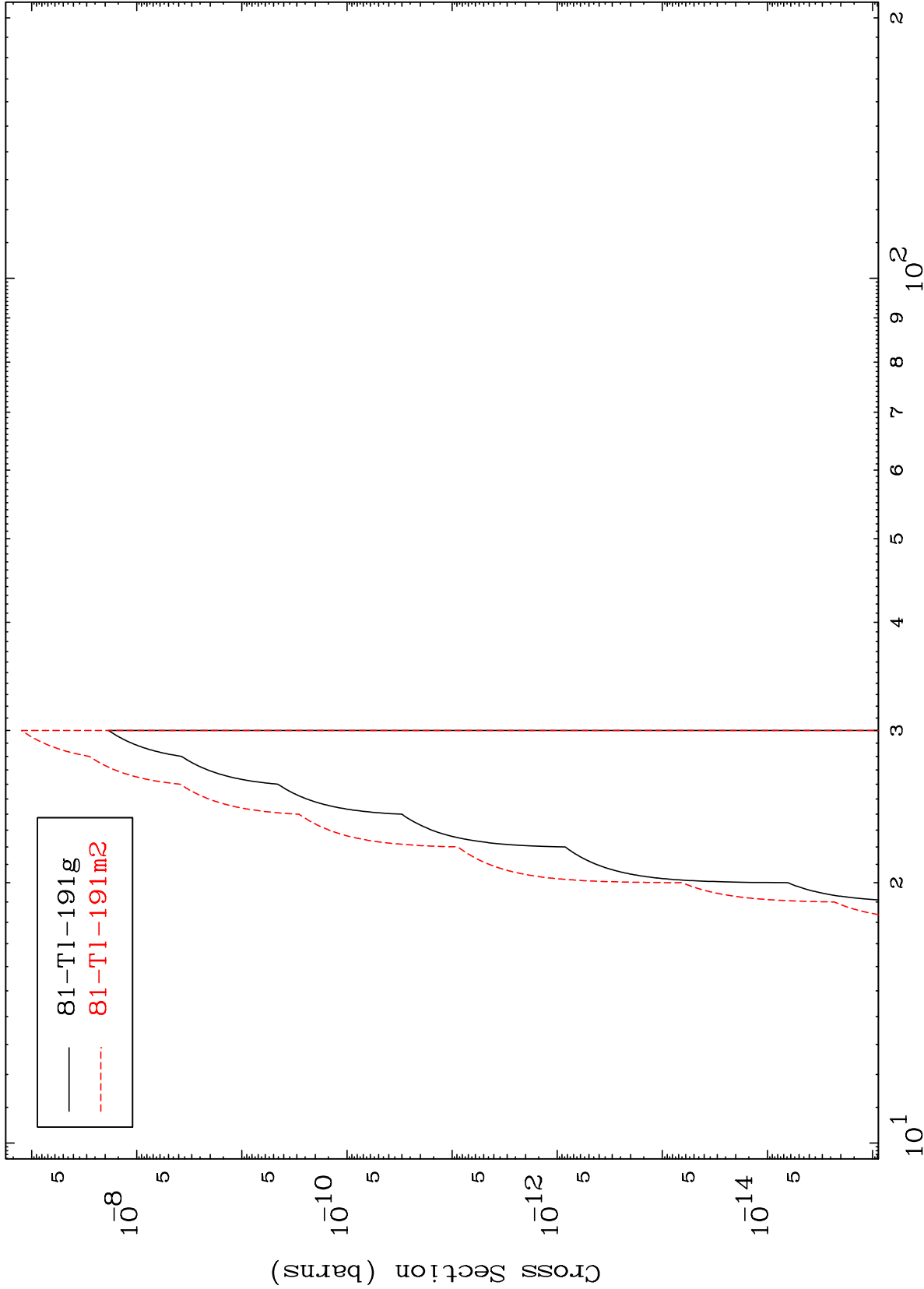


MAT 8281

(n,p) d

83-Bi-194m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

83-Bi-194m