

Program EVALPLOT
(Version 2021-1)

by

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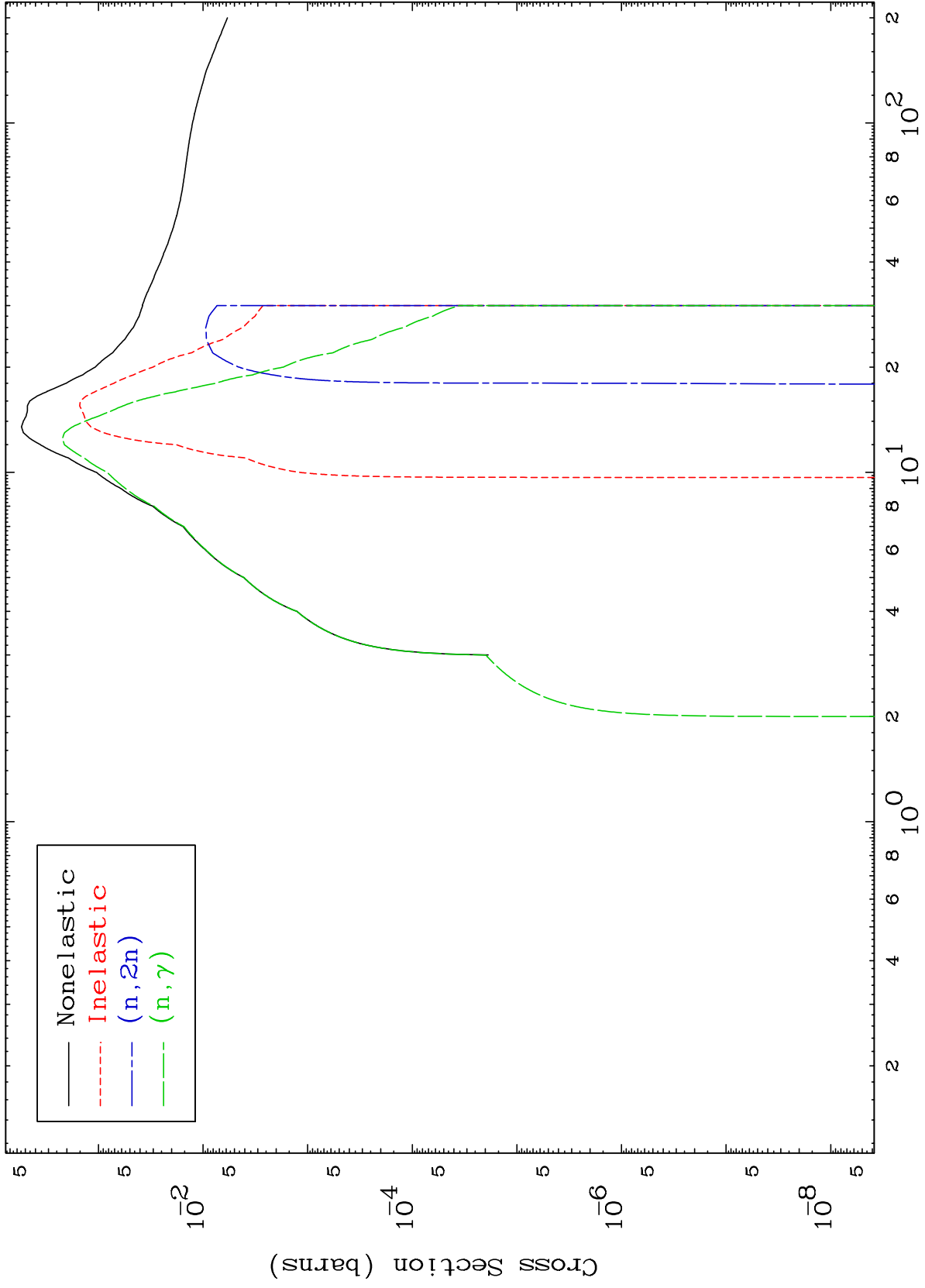
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8284

Photon Major
0 Kelvin Cross Sections

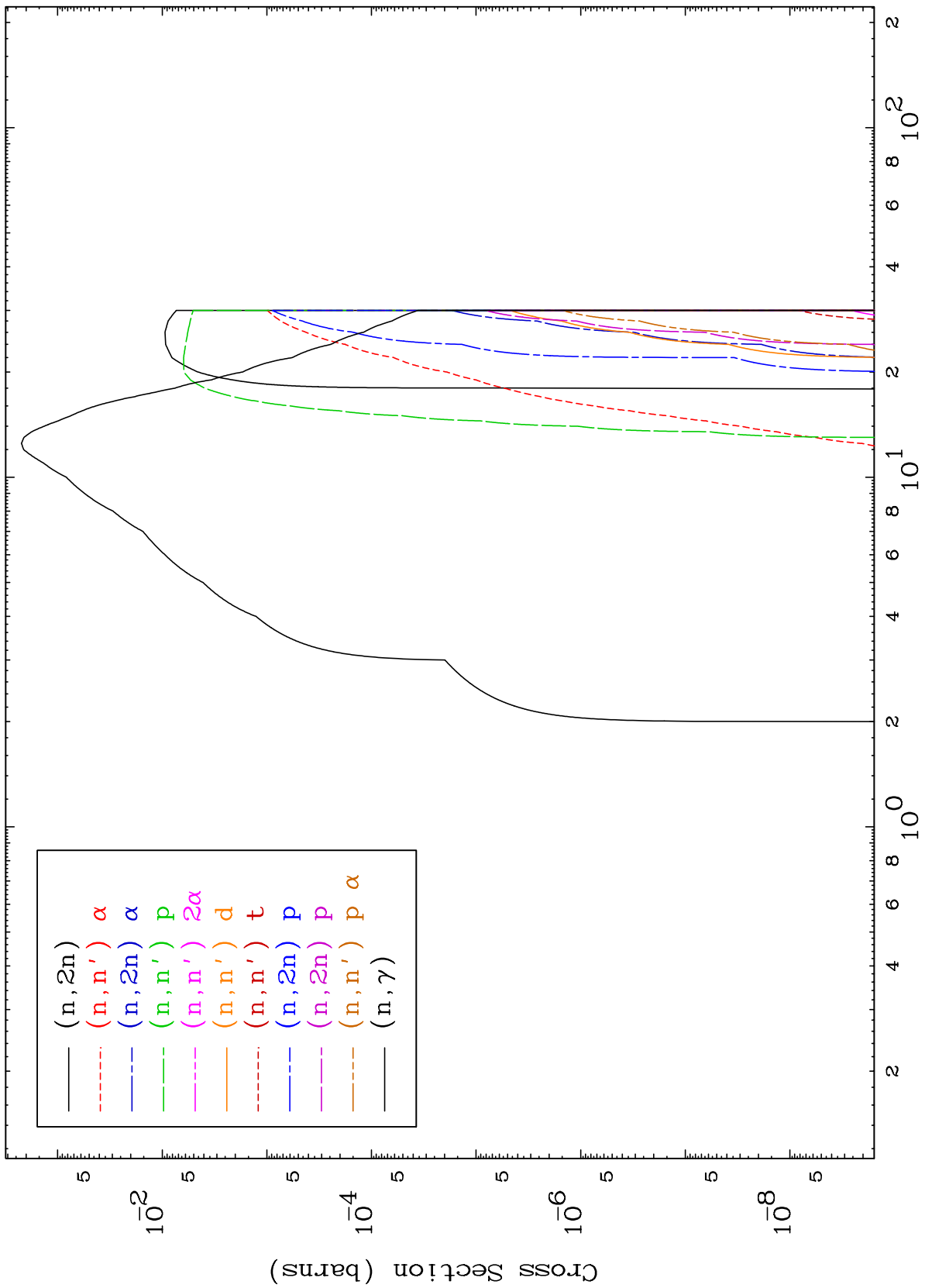
83-Bi-195m



MAT 8284

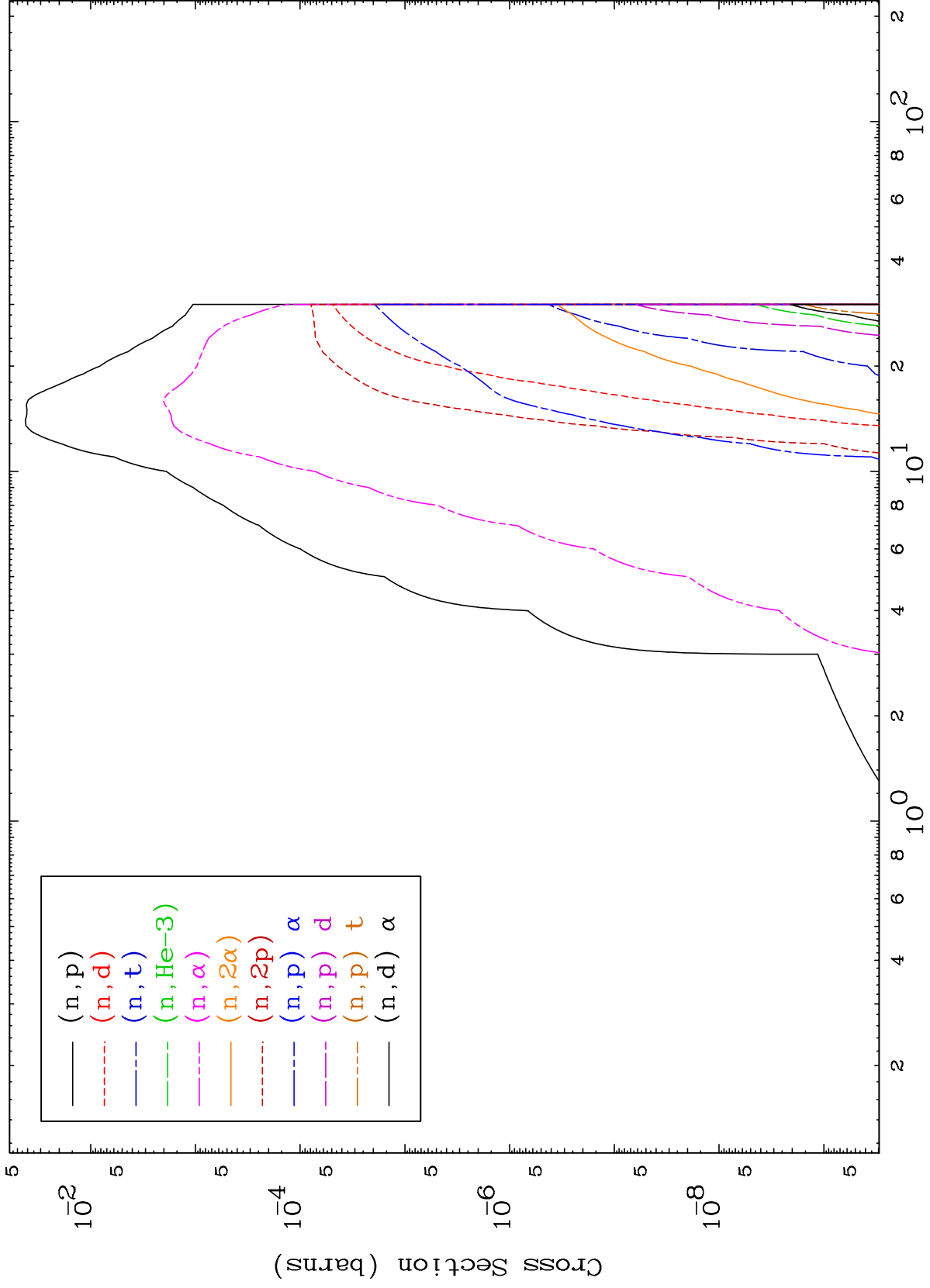
Photon Neutron Absorption
0 Kelvin Cross Sections

83-Bi-195m



83-Bi-195m

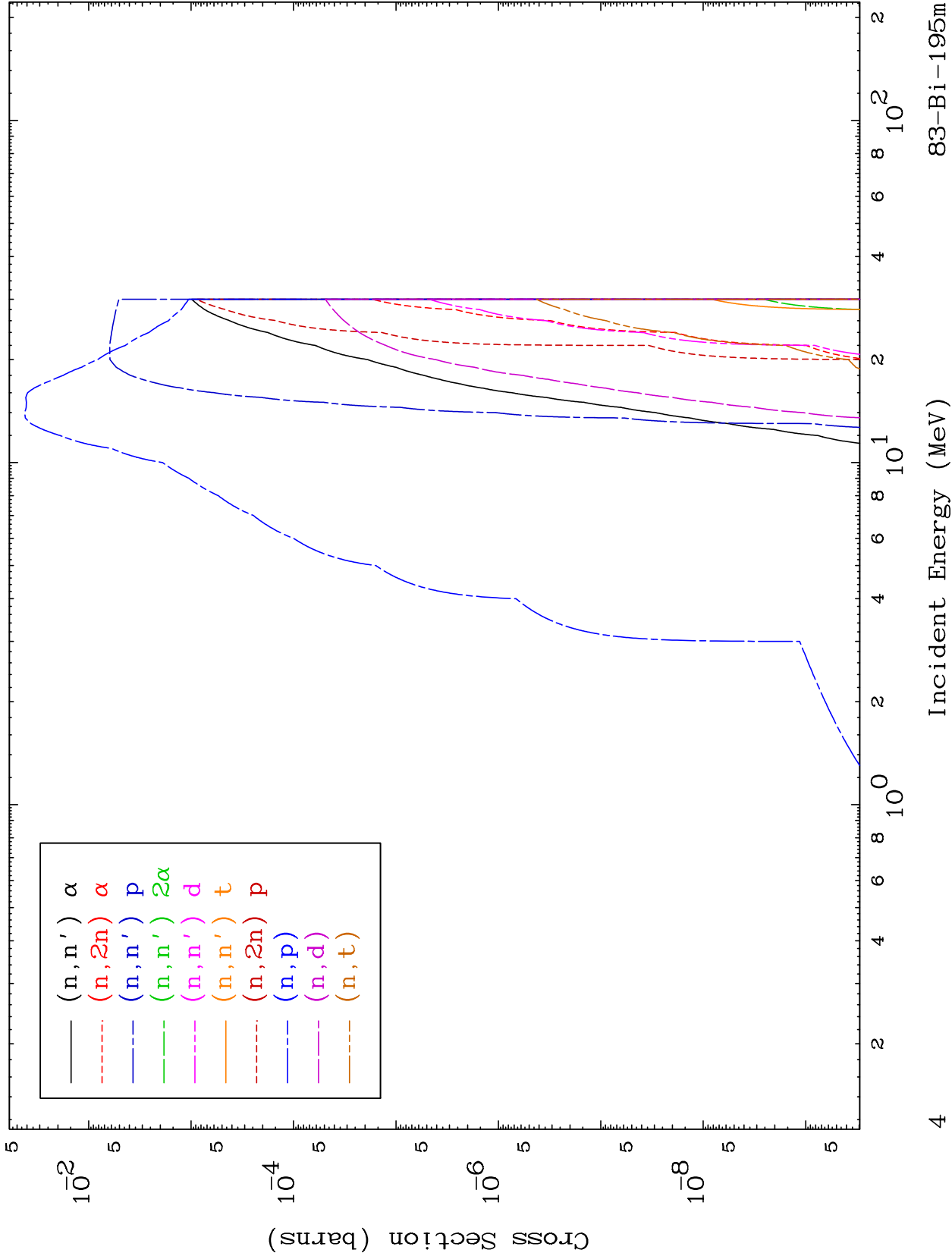
Incident Energy (MeV)

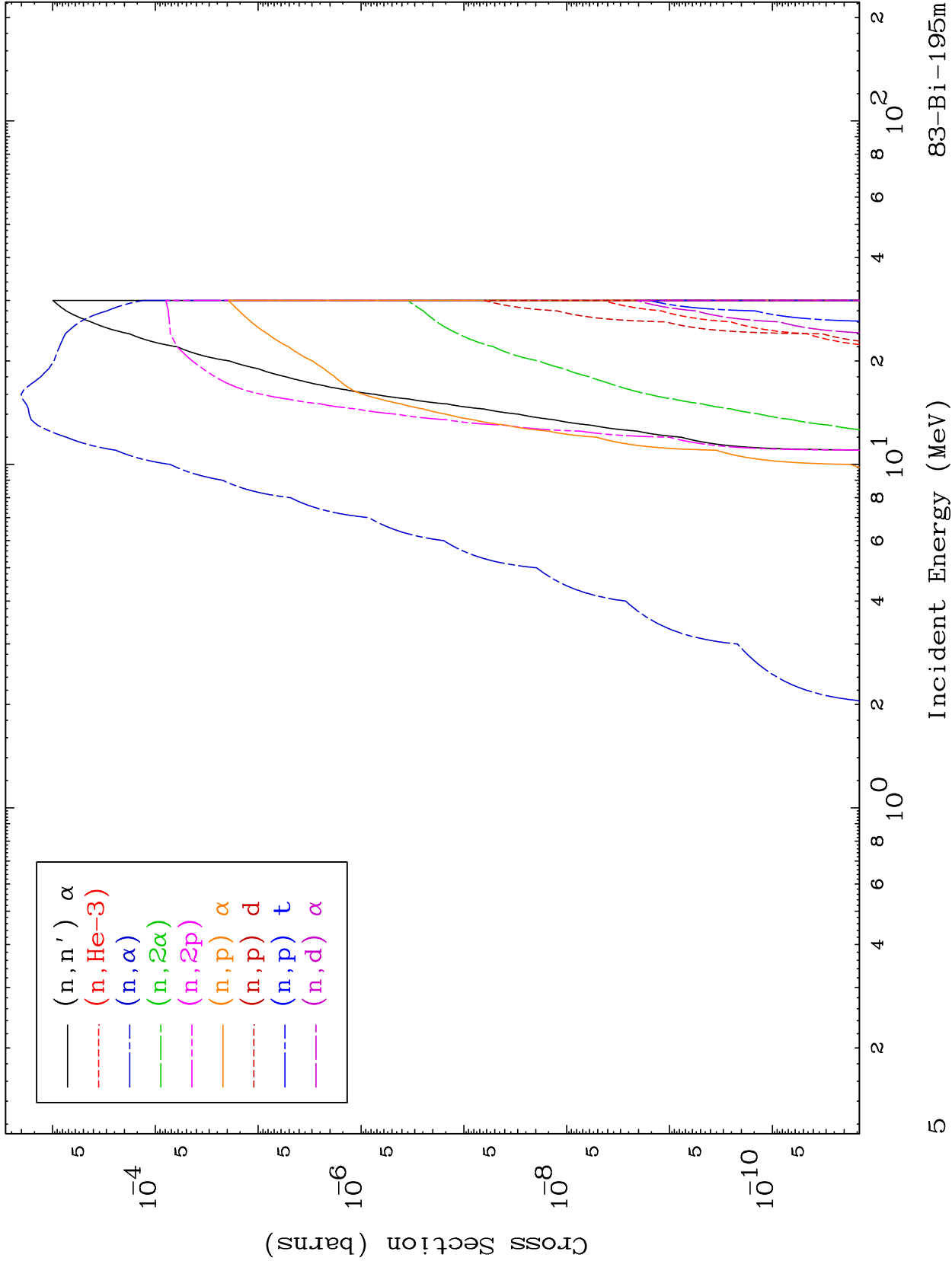


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Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-195m



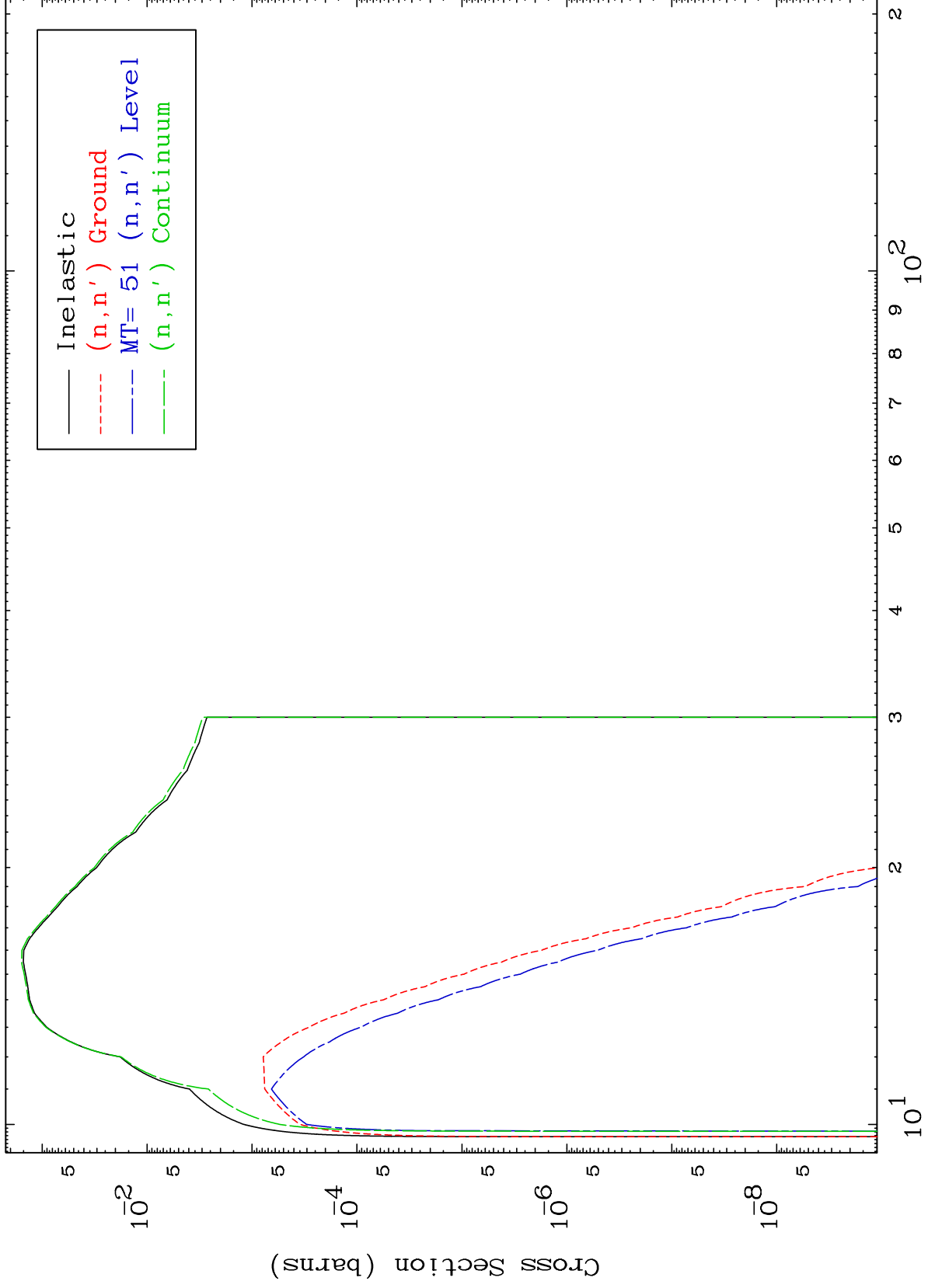


MAT 8284

(γ, n') Levels

83-Bi-195m

0 Kelvin Cross Sections



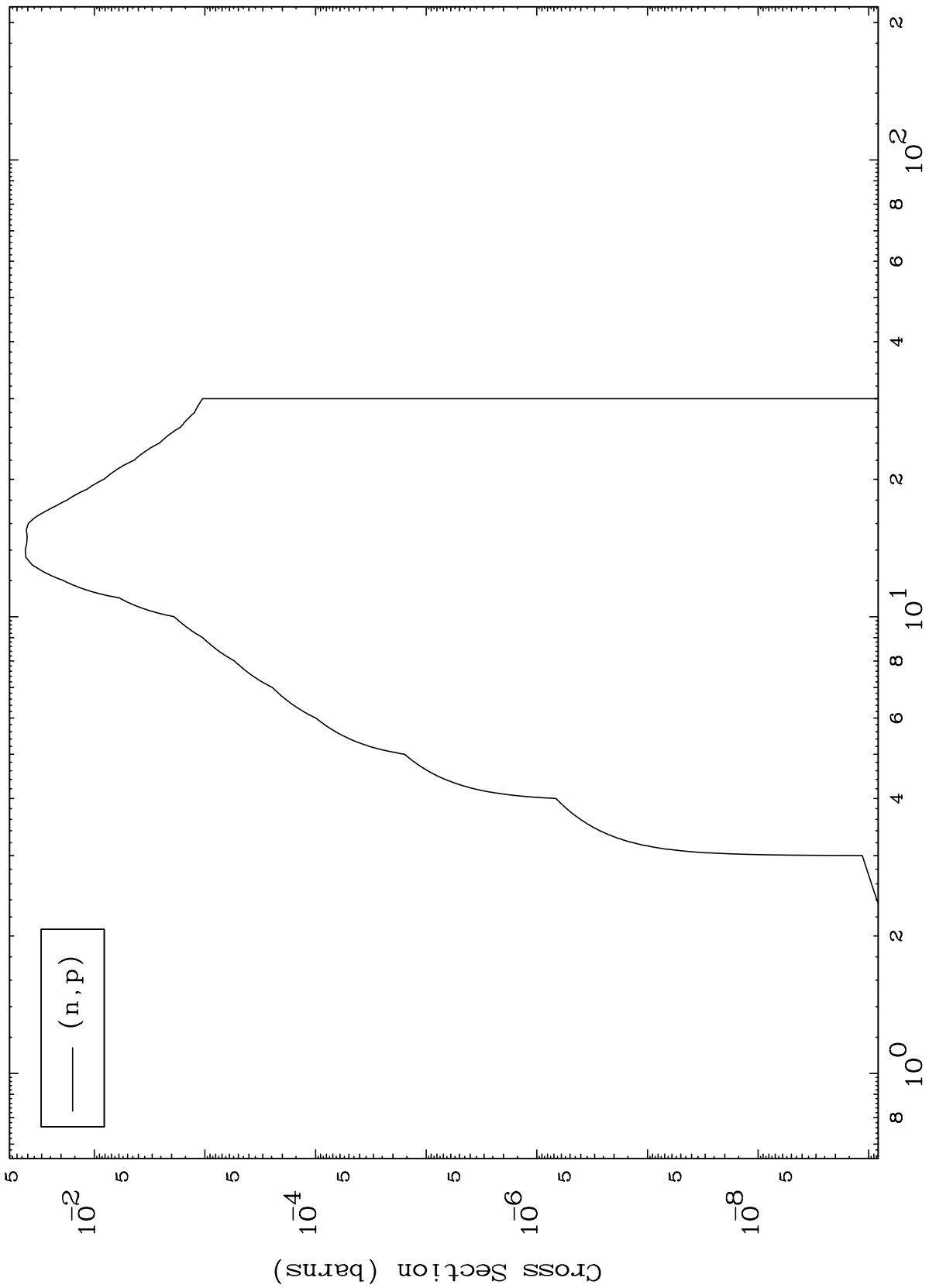
Incident Energy (MeV)

83-Bi-195m

MAT 8284

83-Bi-195m

(γ, p) Levels
0 Kelvin Cross Sections



7

83-Bi-195m

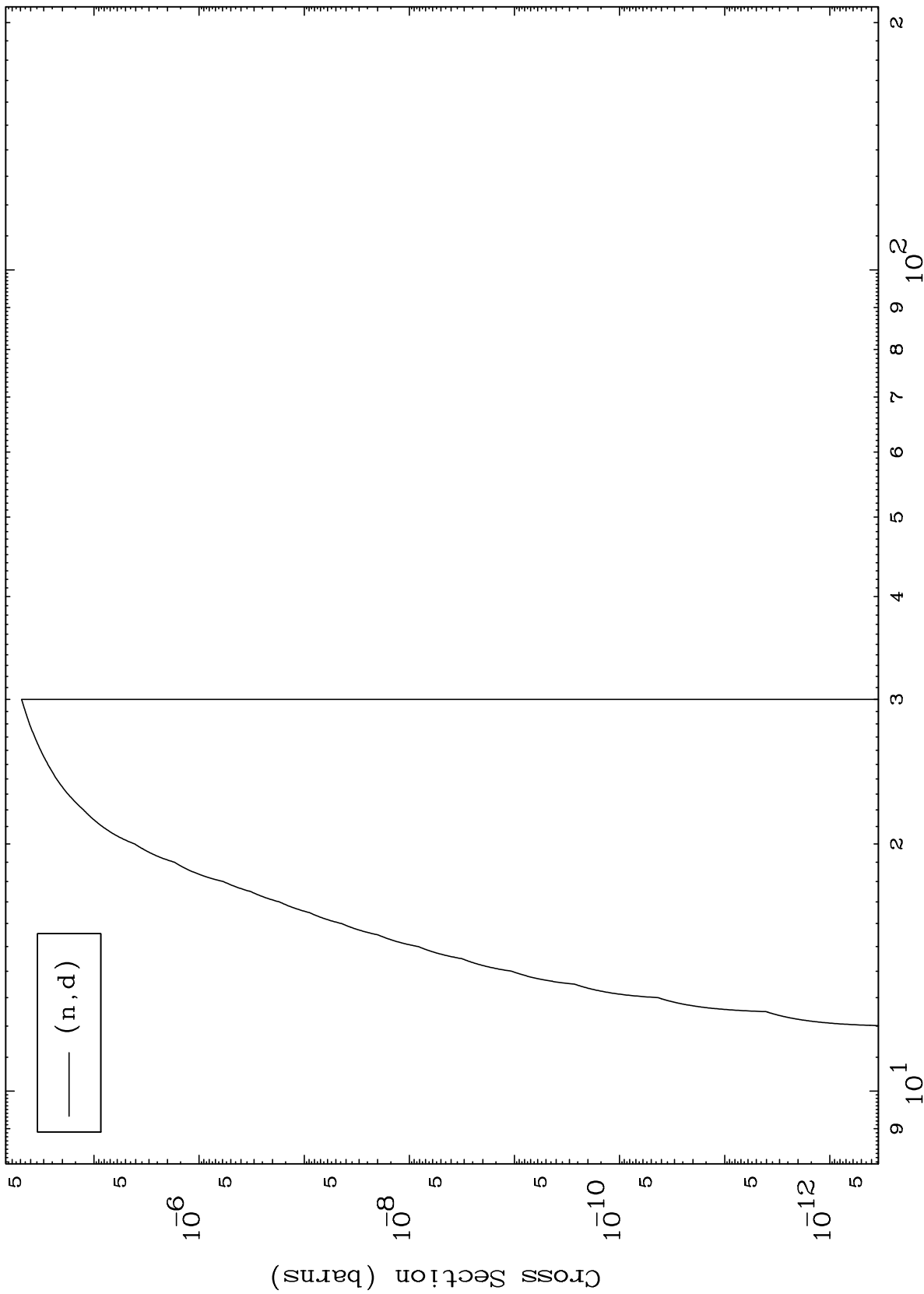
Incident Energy (MeV)

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(γ, d) Levels

$^{83}\text{Bi}-195\text{m}$

0 Kelvin Cross Sections



8

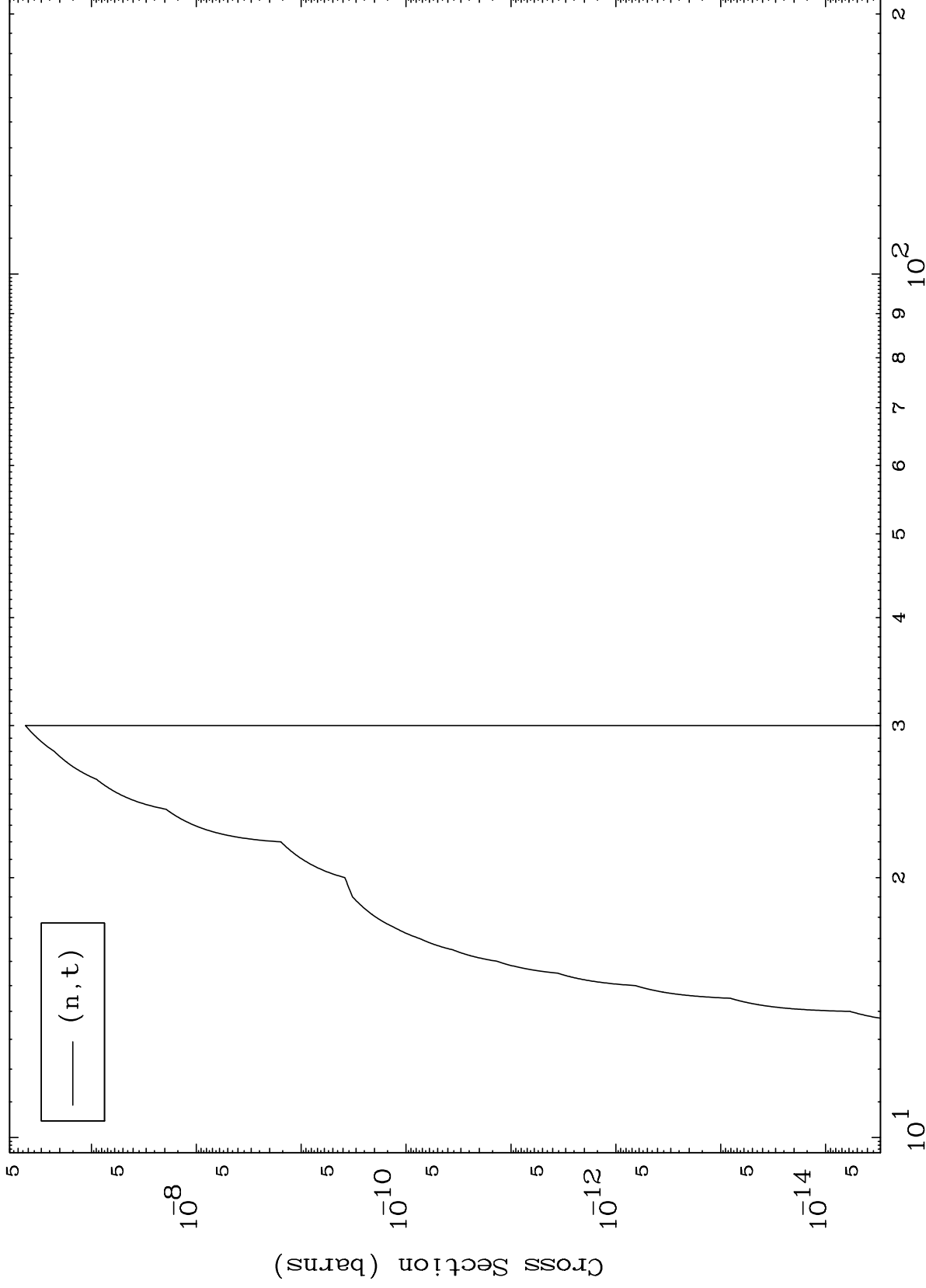
Incident Energy (MeV)

$^{83}\text{Bi}-195\text{m}$

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(γ, t) Levels
0 Kelvin Cross Sections

$^{83}\text{Bi}-195\text{m}$



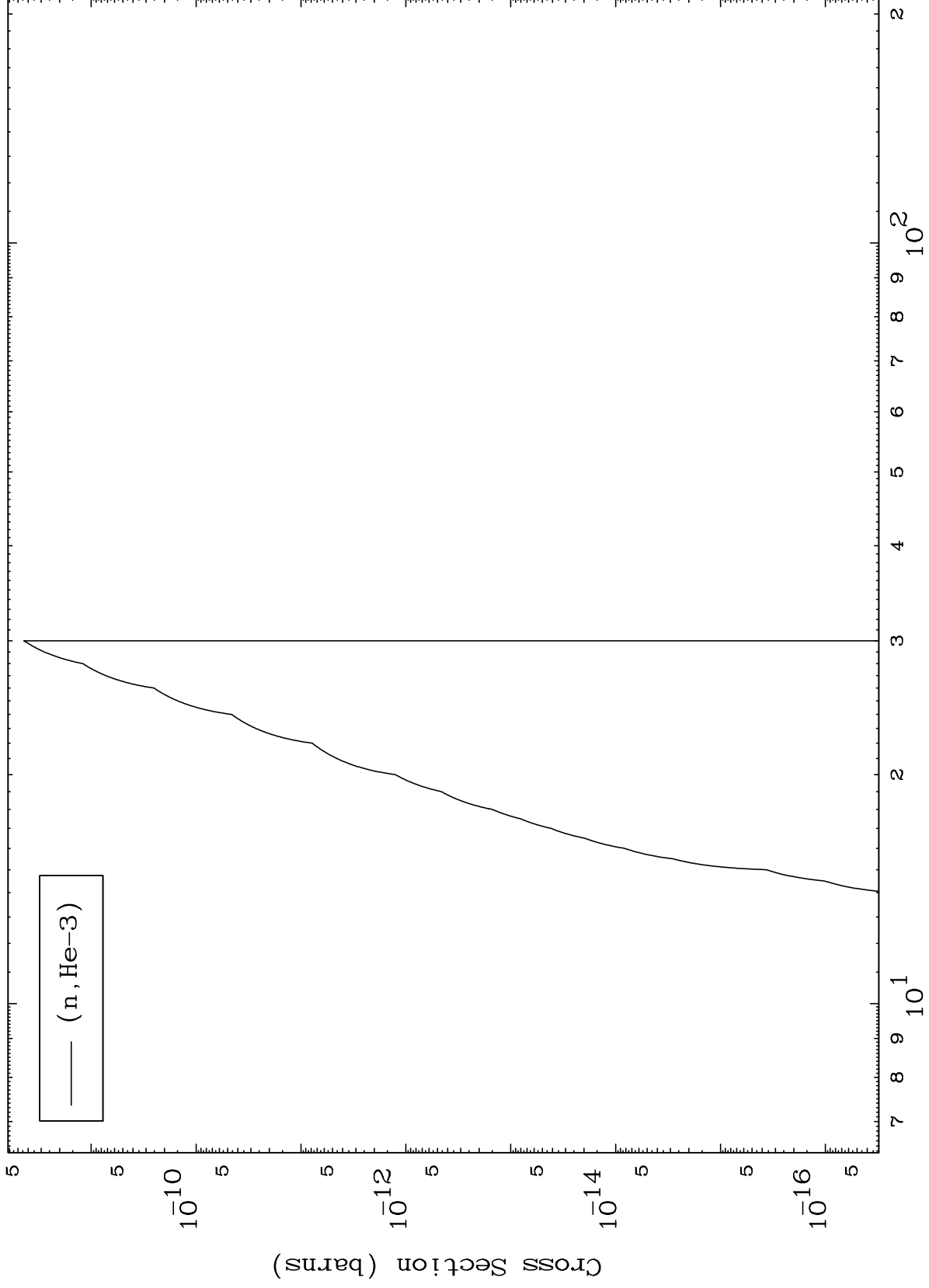
Incident Energy (MeV)

$^{83}\text{Bi}-195\text{m}$

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(γ , He3) Levels
0 Kelvin Cross Sections

83-Bi-195m



10

Incident Energy (MeV)

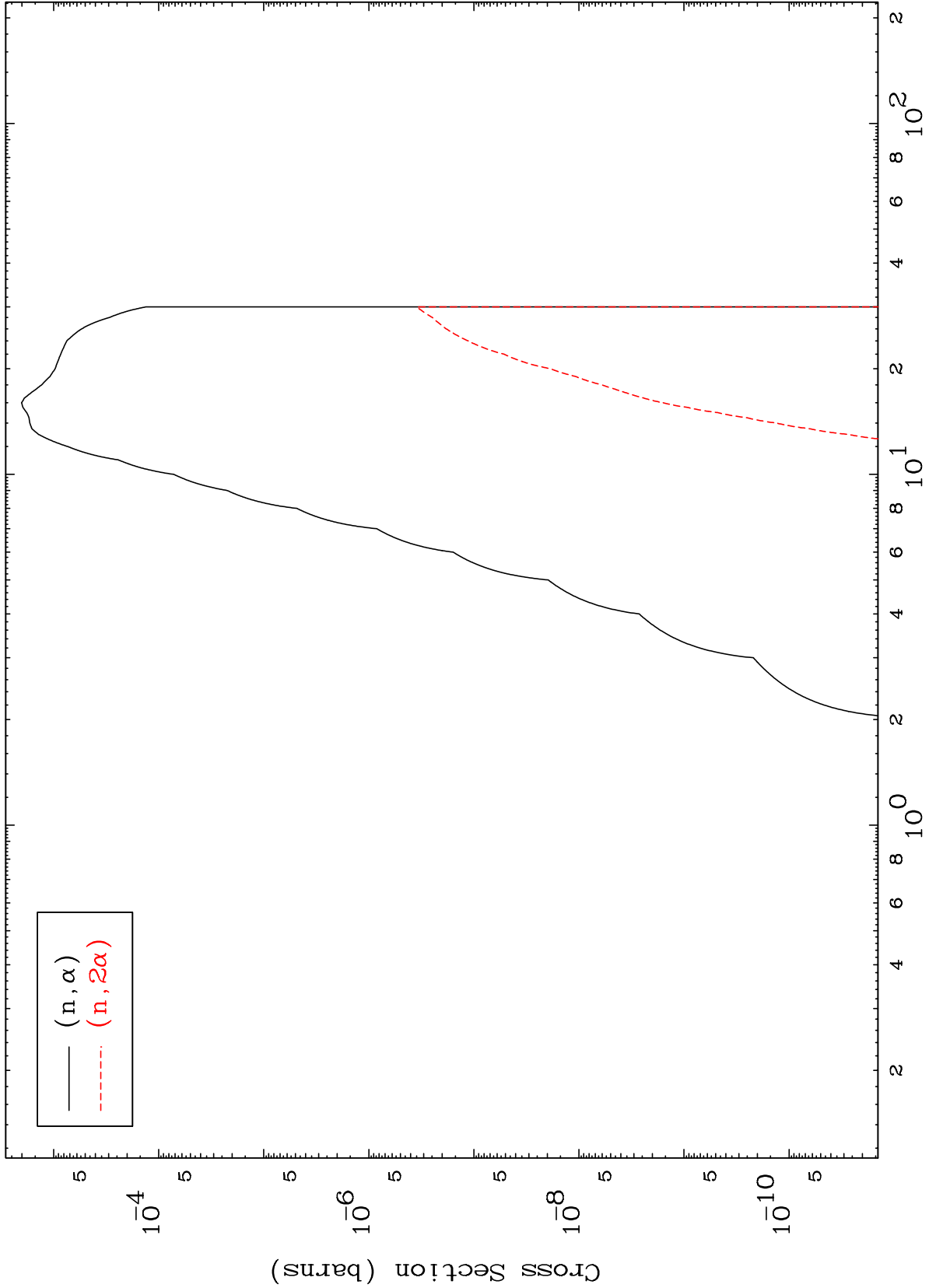
83-Bi-195m

MAT 8284

(γ, α) Levels

83-Bi-195m

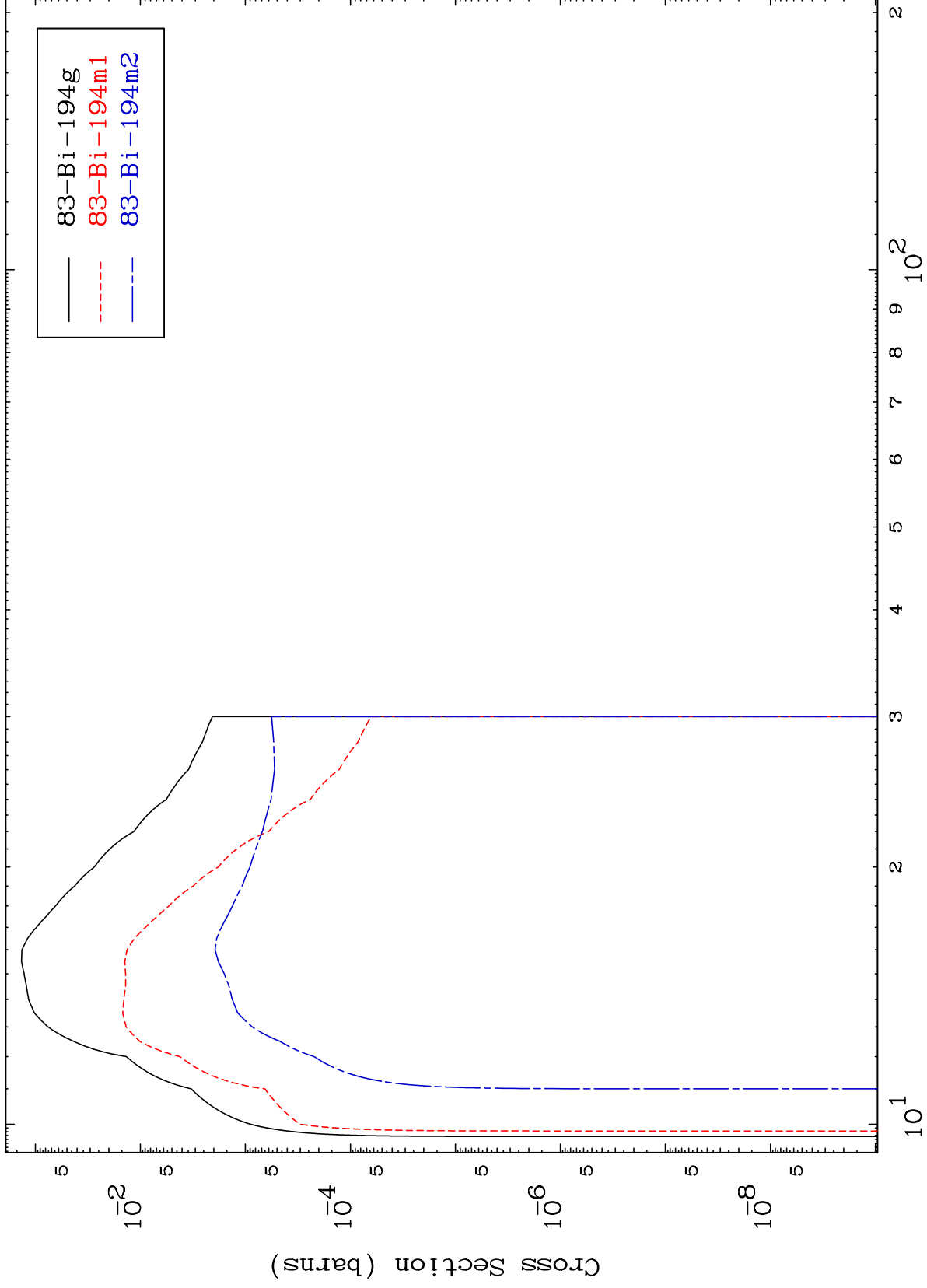
0 Kelvin Cross Sections



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83-Bi-195m

Inelastic
Radionuclide Production Cross Section



83-Bi-195m

Incident Energy (MeV)

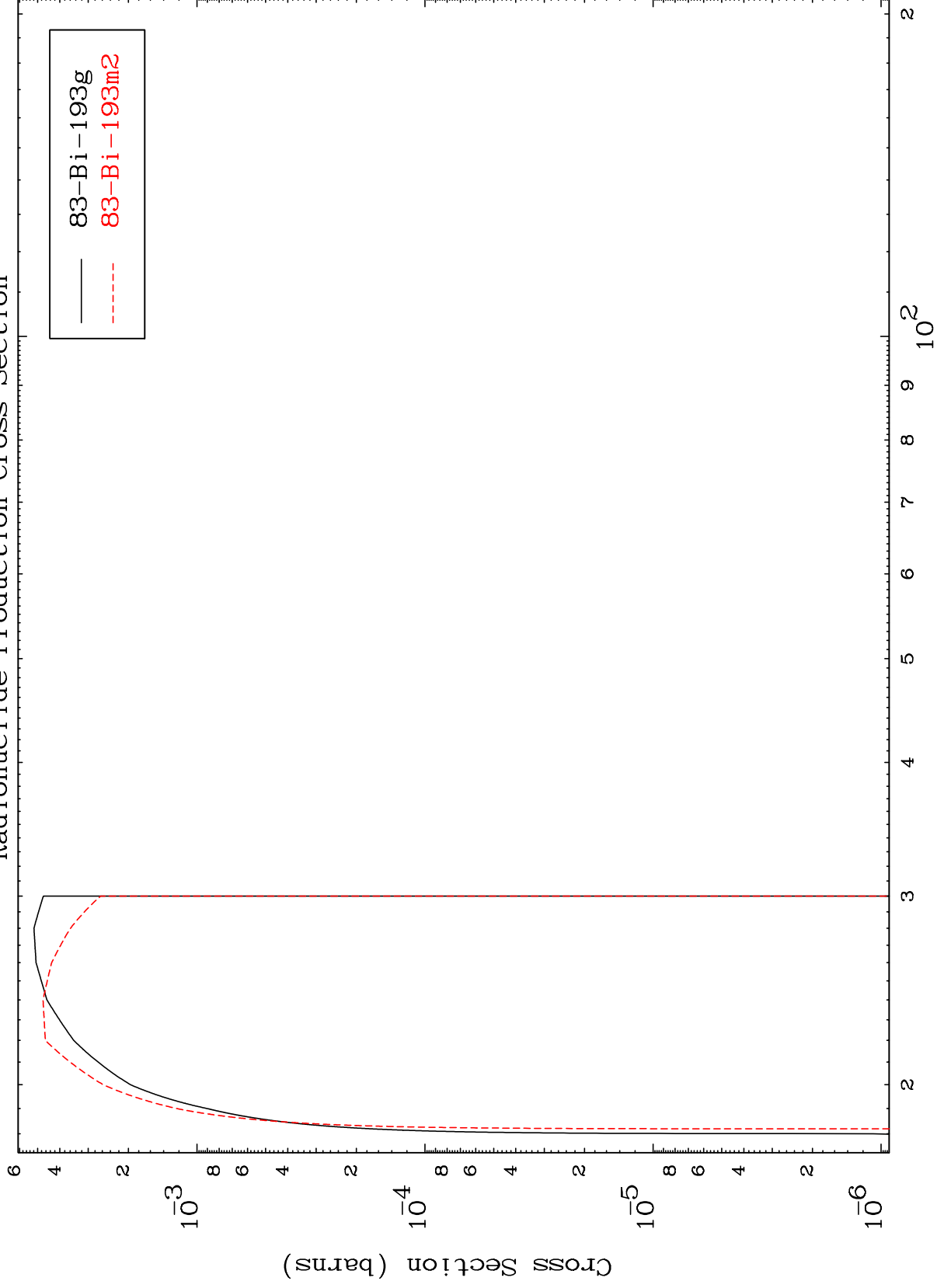
12

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(n,2n)

83-Bi-195m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

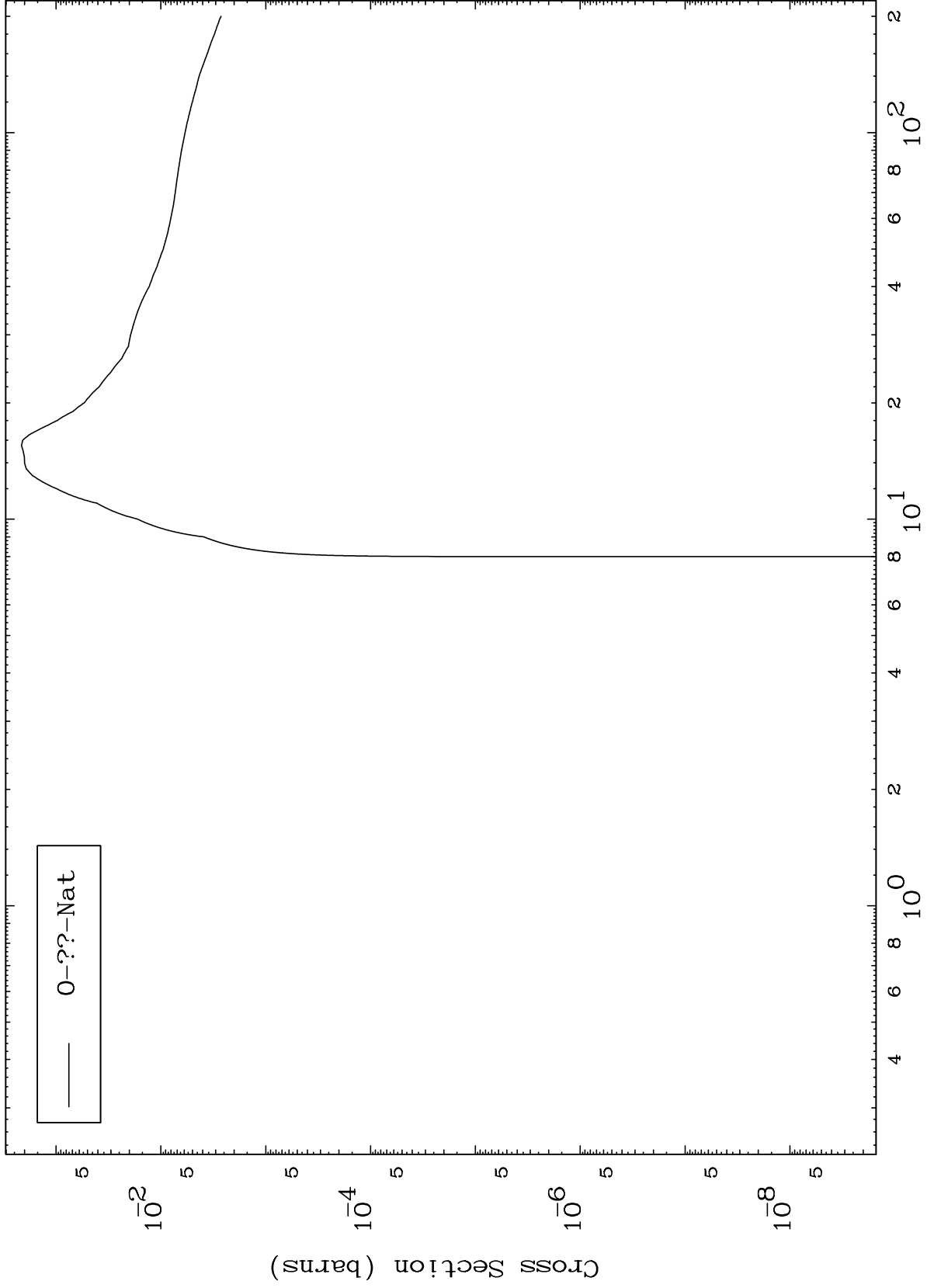
83-Bi-195m

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Fission

83-Bi-195m

Radionuclide Production Cross Section

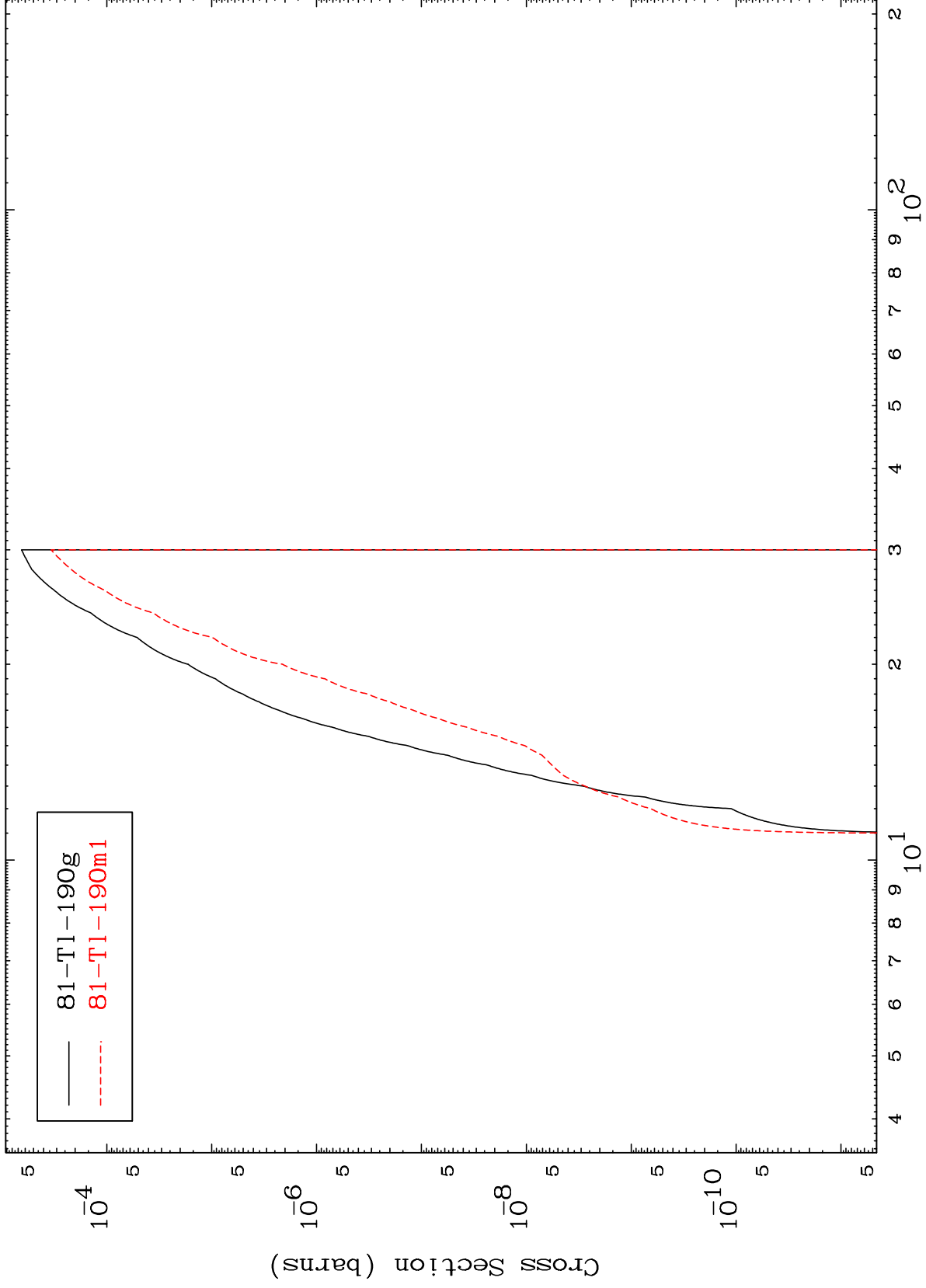


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$(n, n') \alpha$

83-Bi-195m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

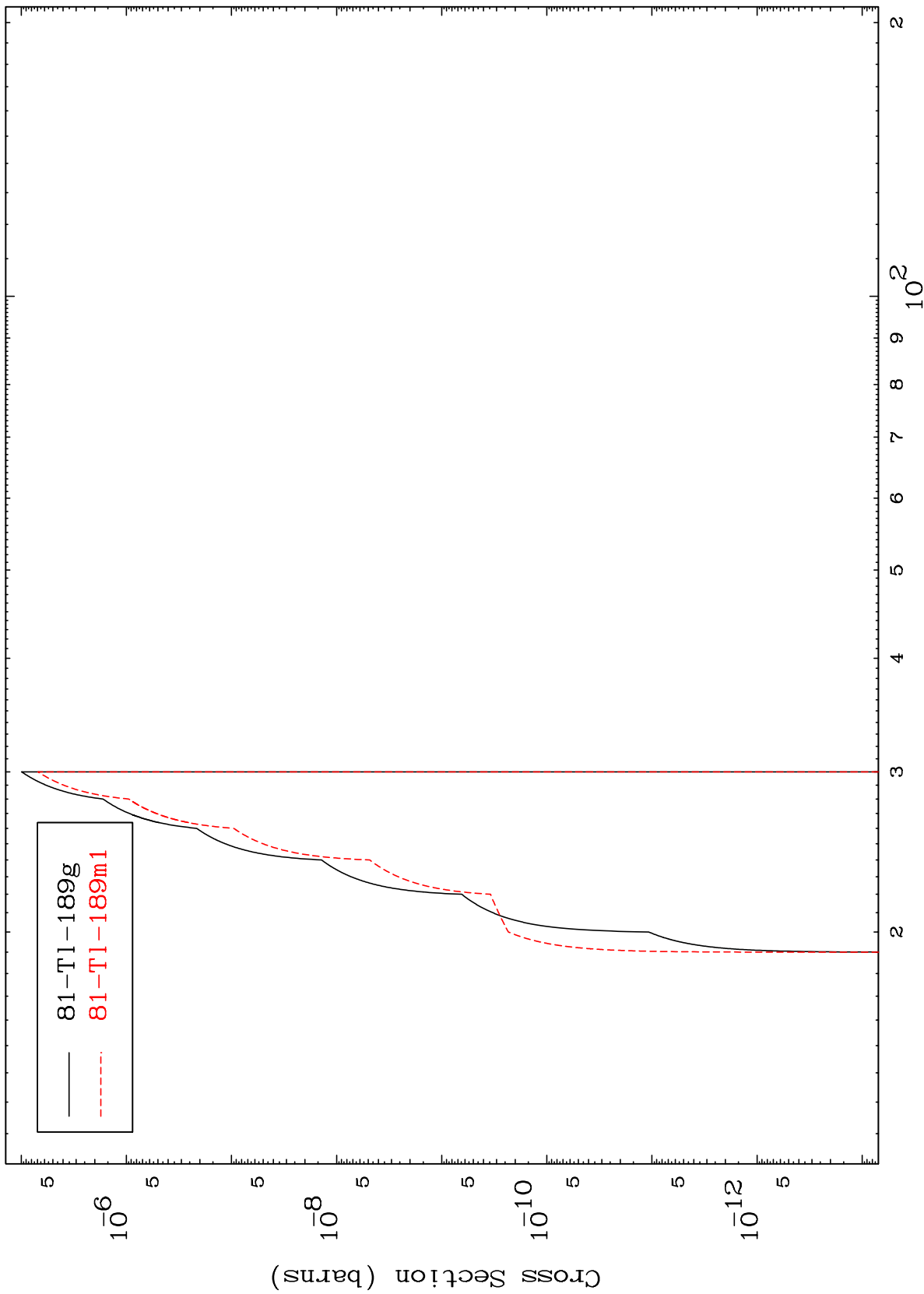
83-Bi-195m

MAT 8284

$(n,2n) \alpha$

83-Bi-195m

Radionuclide Production Cross Section

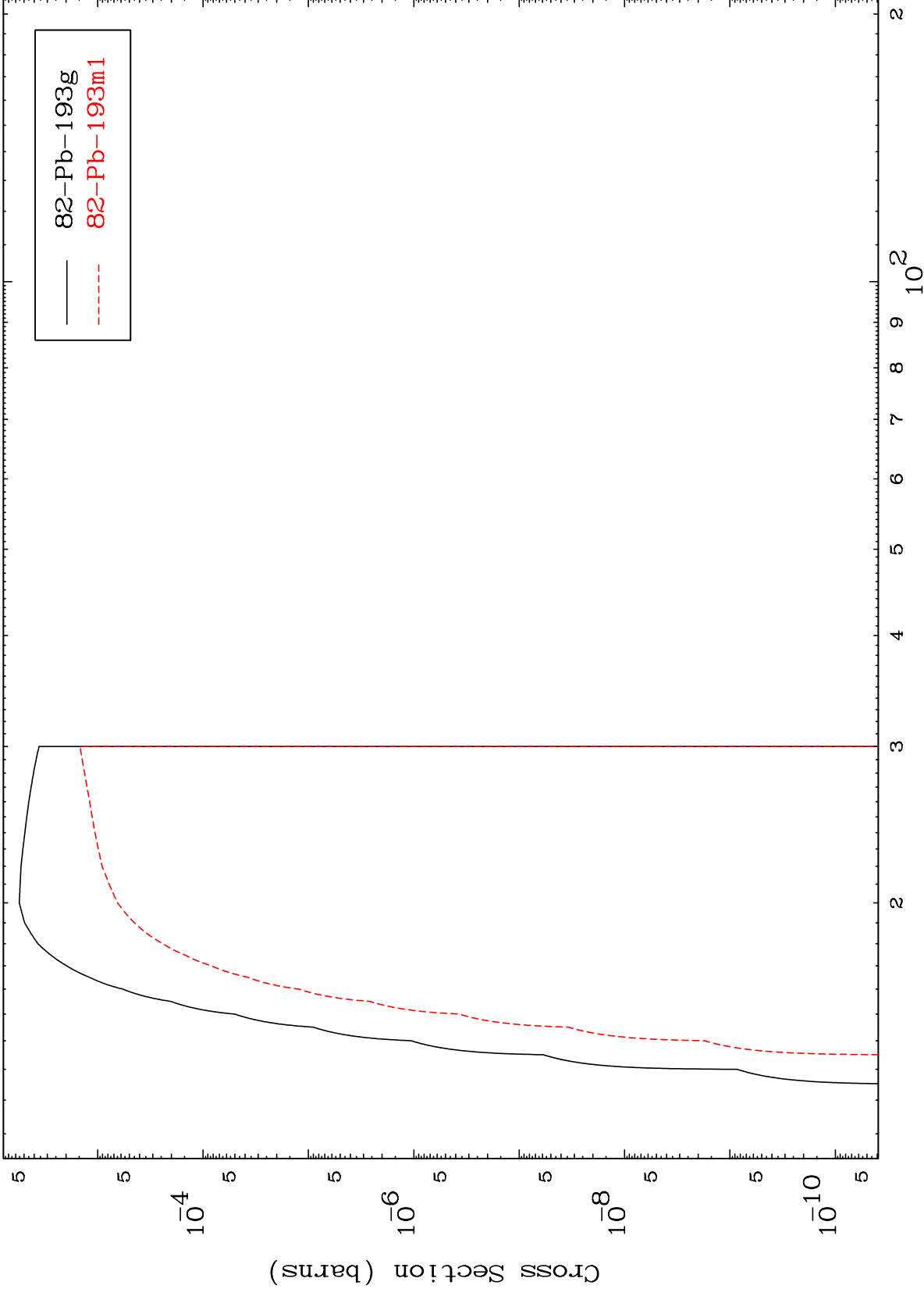


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(n,n') p

83-Bi-195m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

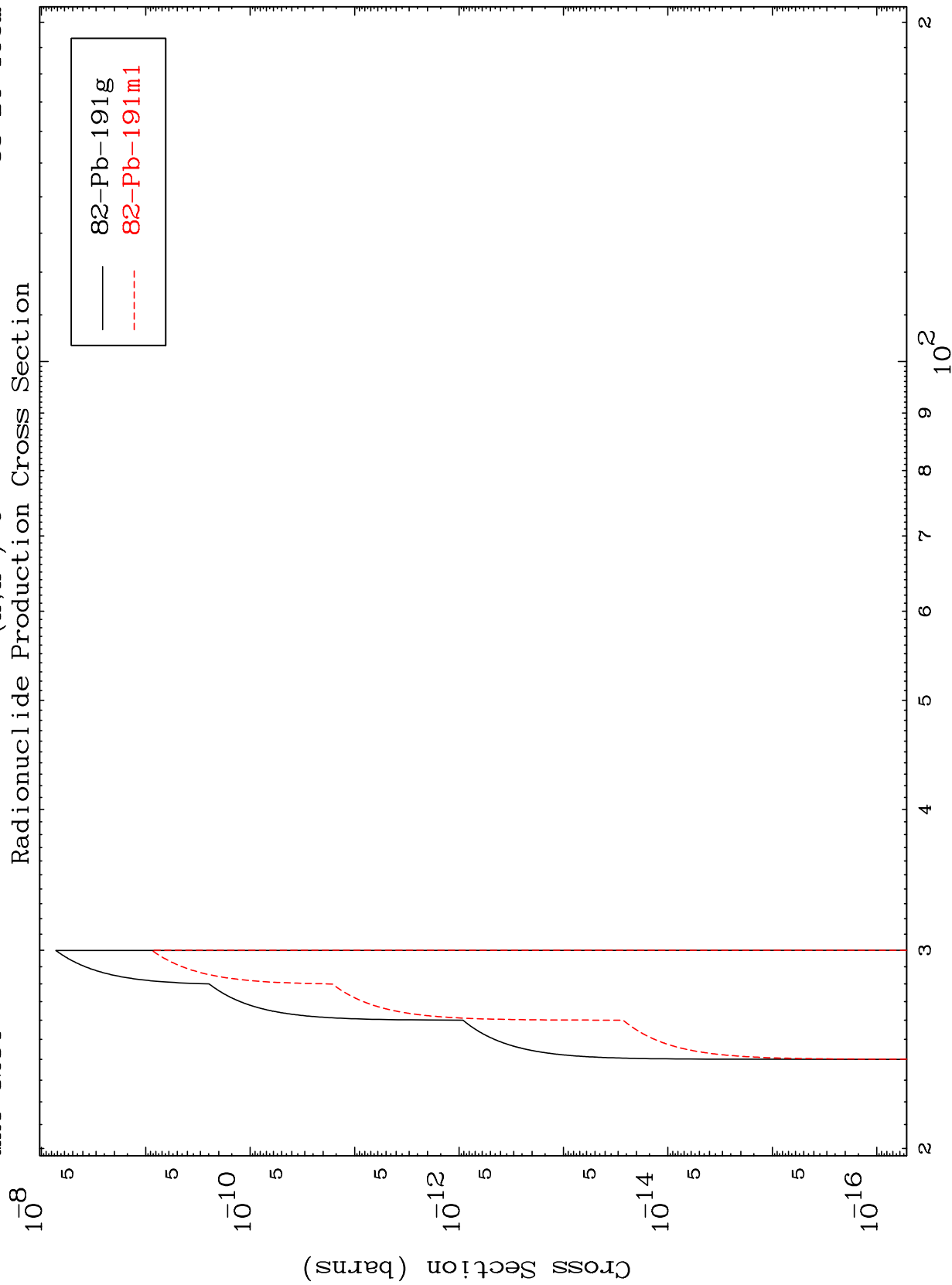
83-Bi-195m

MAT 8284

(n,n') t

83-Bi-195m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

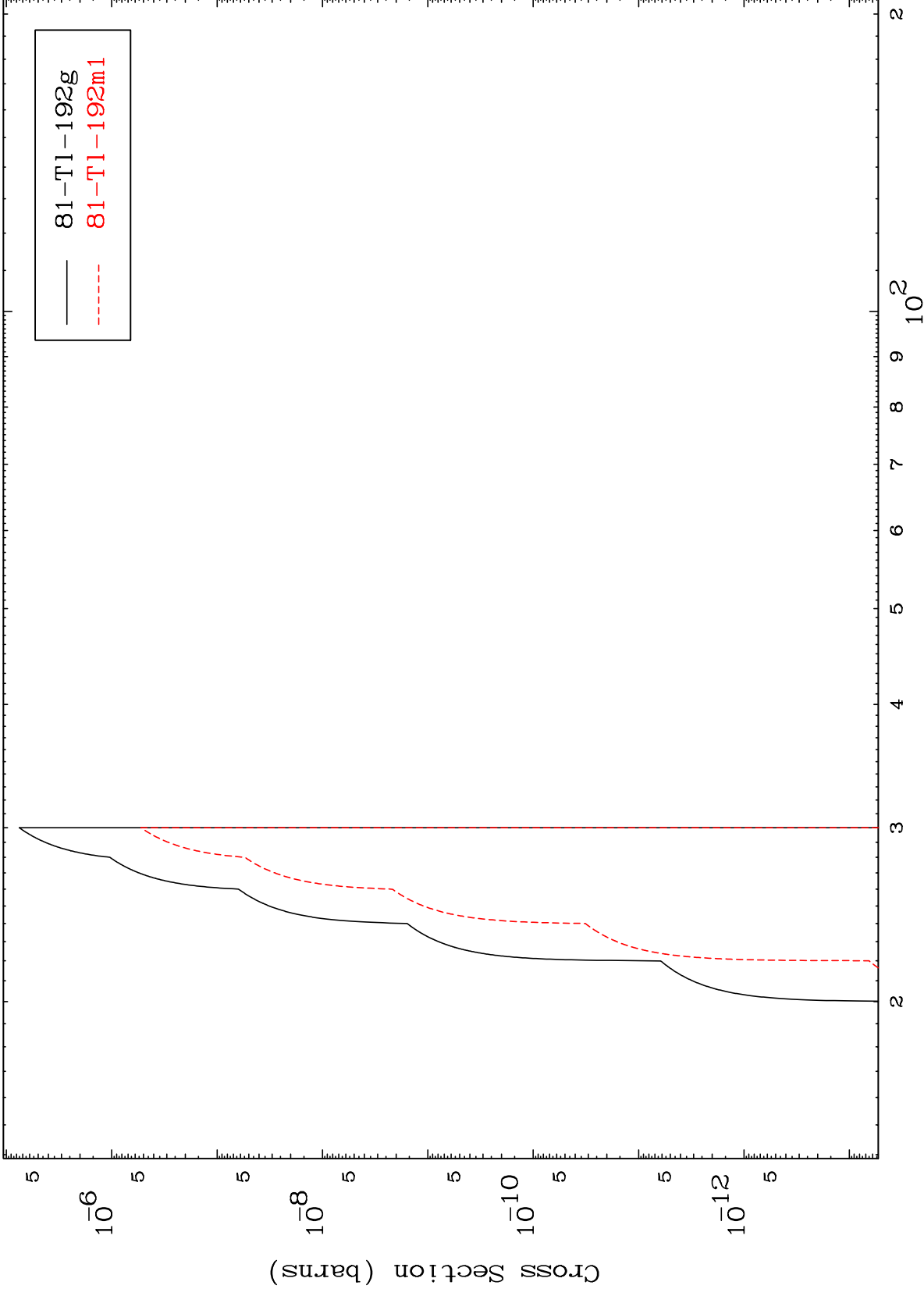
83-Bi-195m

MAT 8284

(n,2n) p

83-Bi-195m

Radionuclide Production Cross Section



19

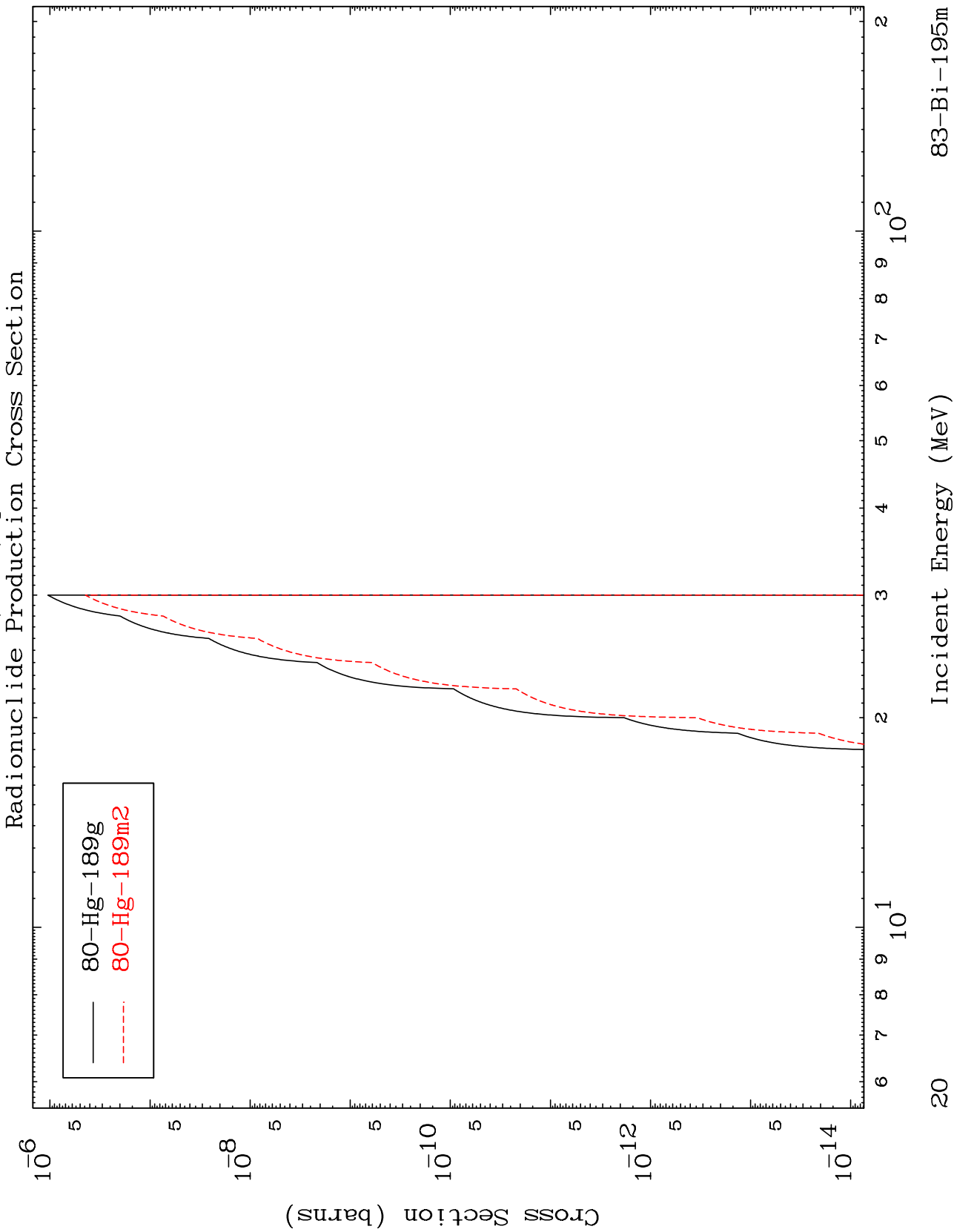
Incident Energy (MeV)

83-Bi-195m

MAT 8284

(n,n') p α

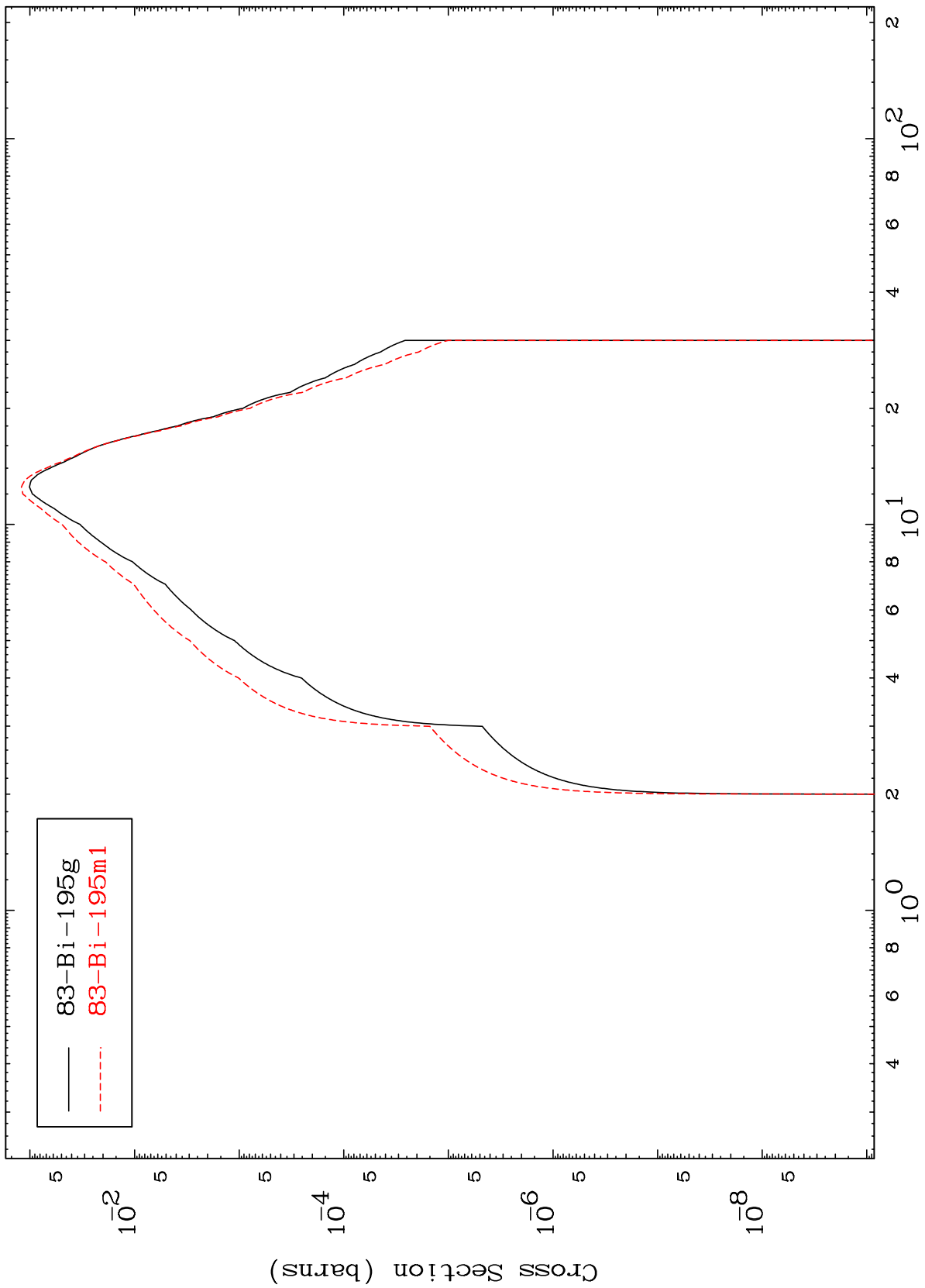
83-Bi-195m



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⁸³Bi-195m

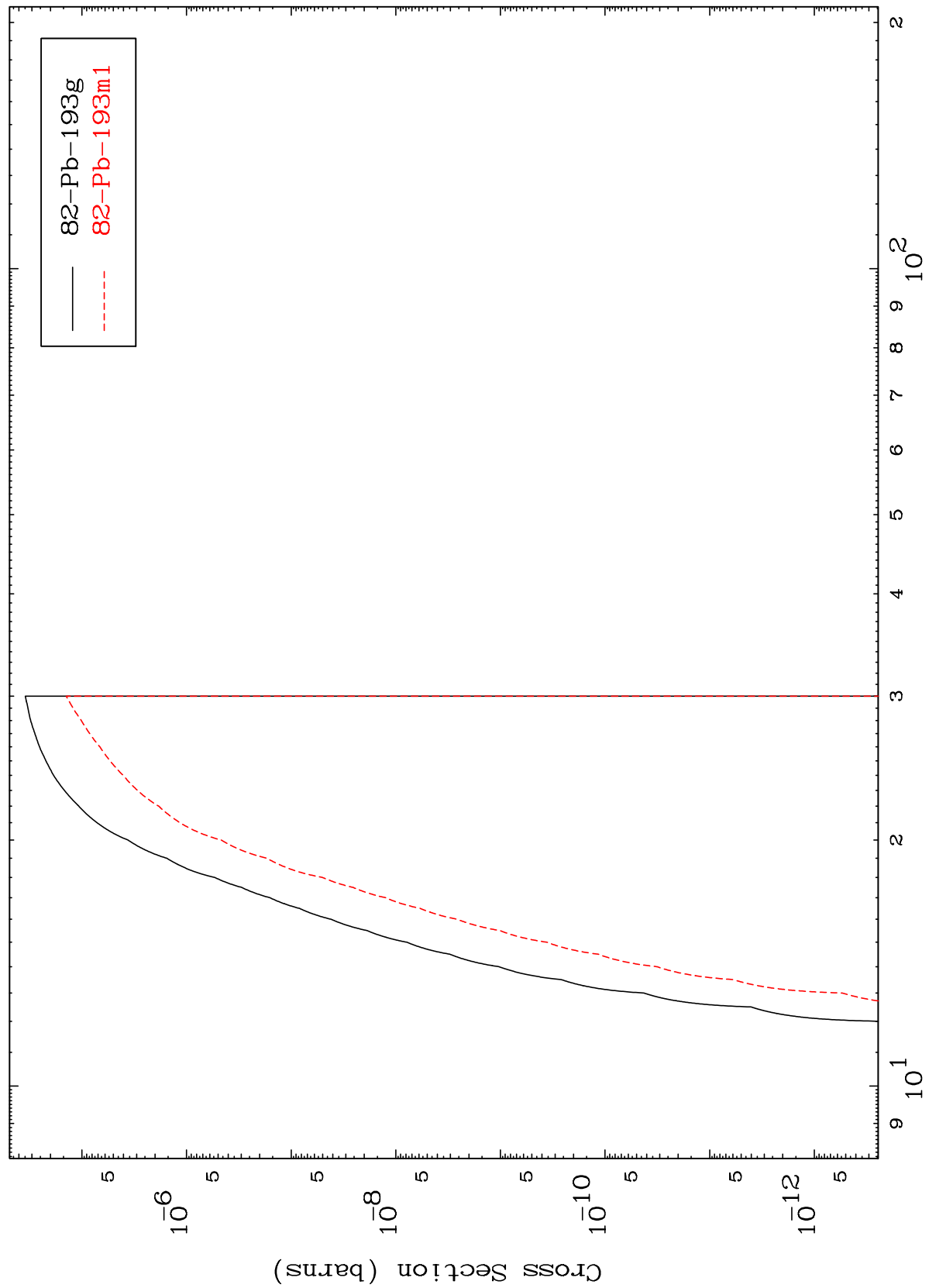
Radionuclide Production Cross Section (n,γ)



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83-Bi-195m

(n,d)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

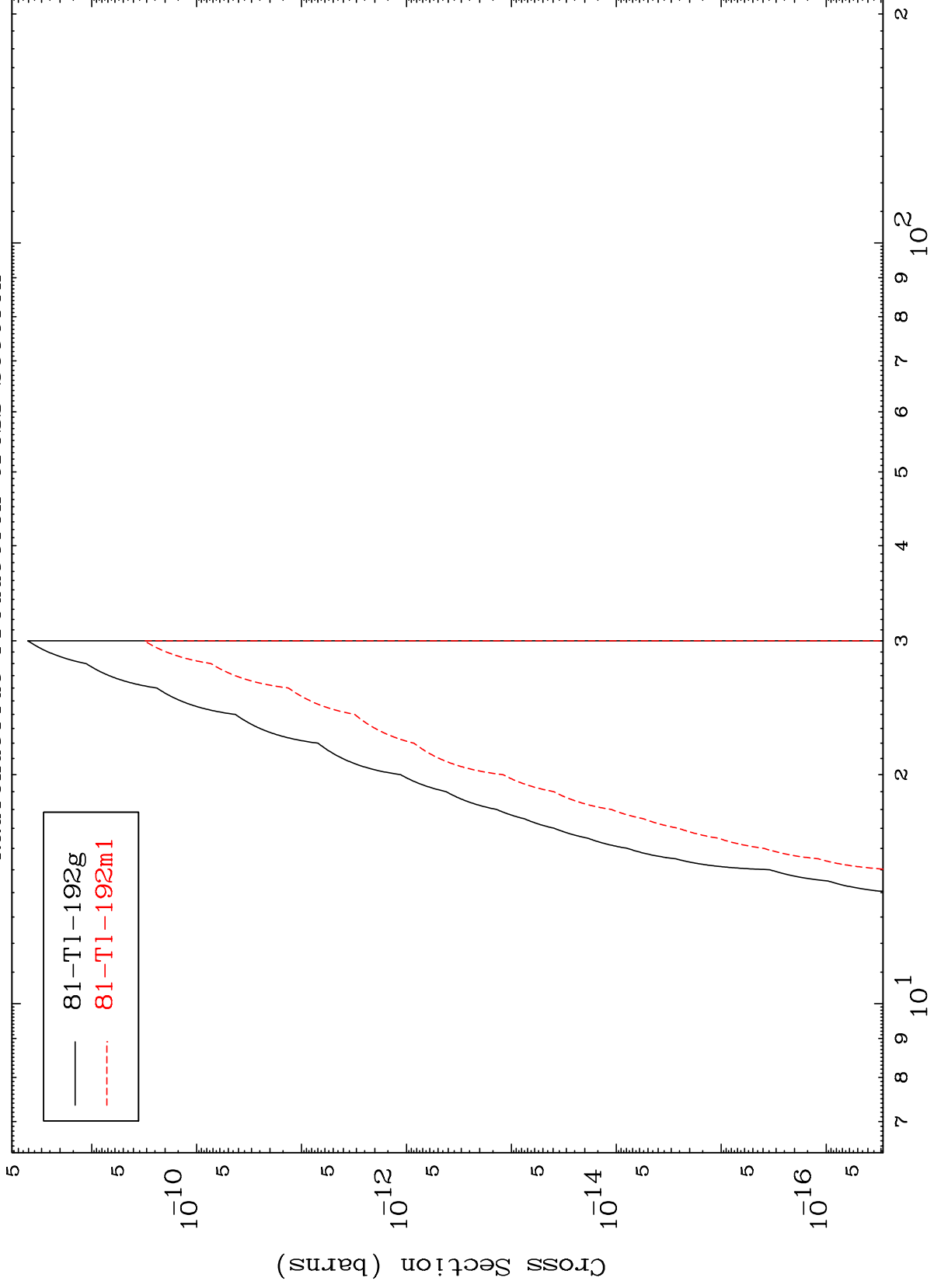
83-Bi-195m

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(n,He-3)

83-Bi-195m

Radionuclide Production Cross Section



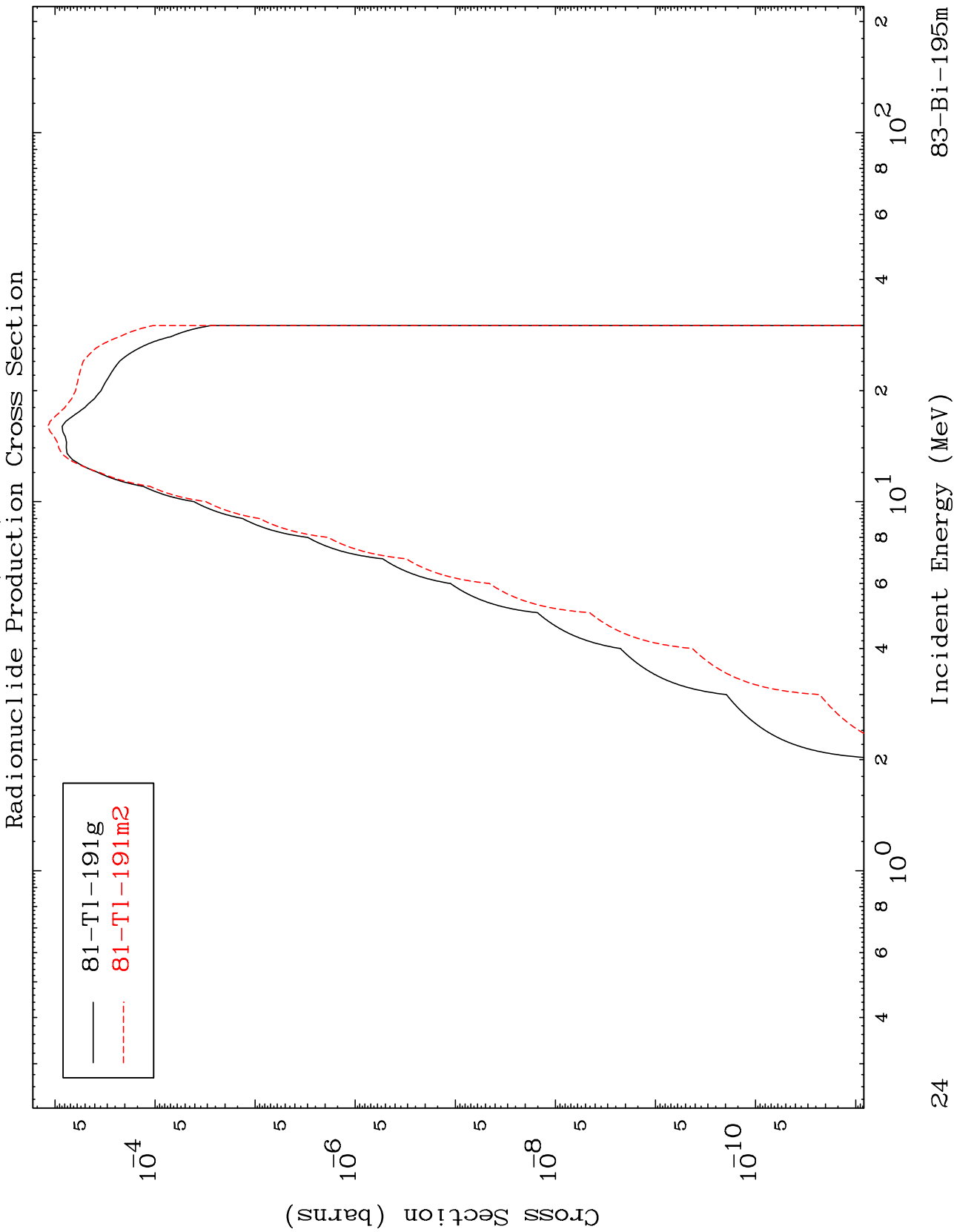
23

Incident Energy (MeV)

83-Bi-195m

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⁸³Bi-195m

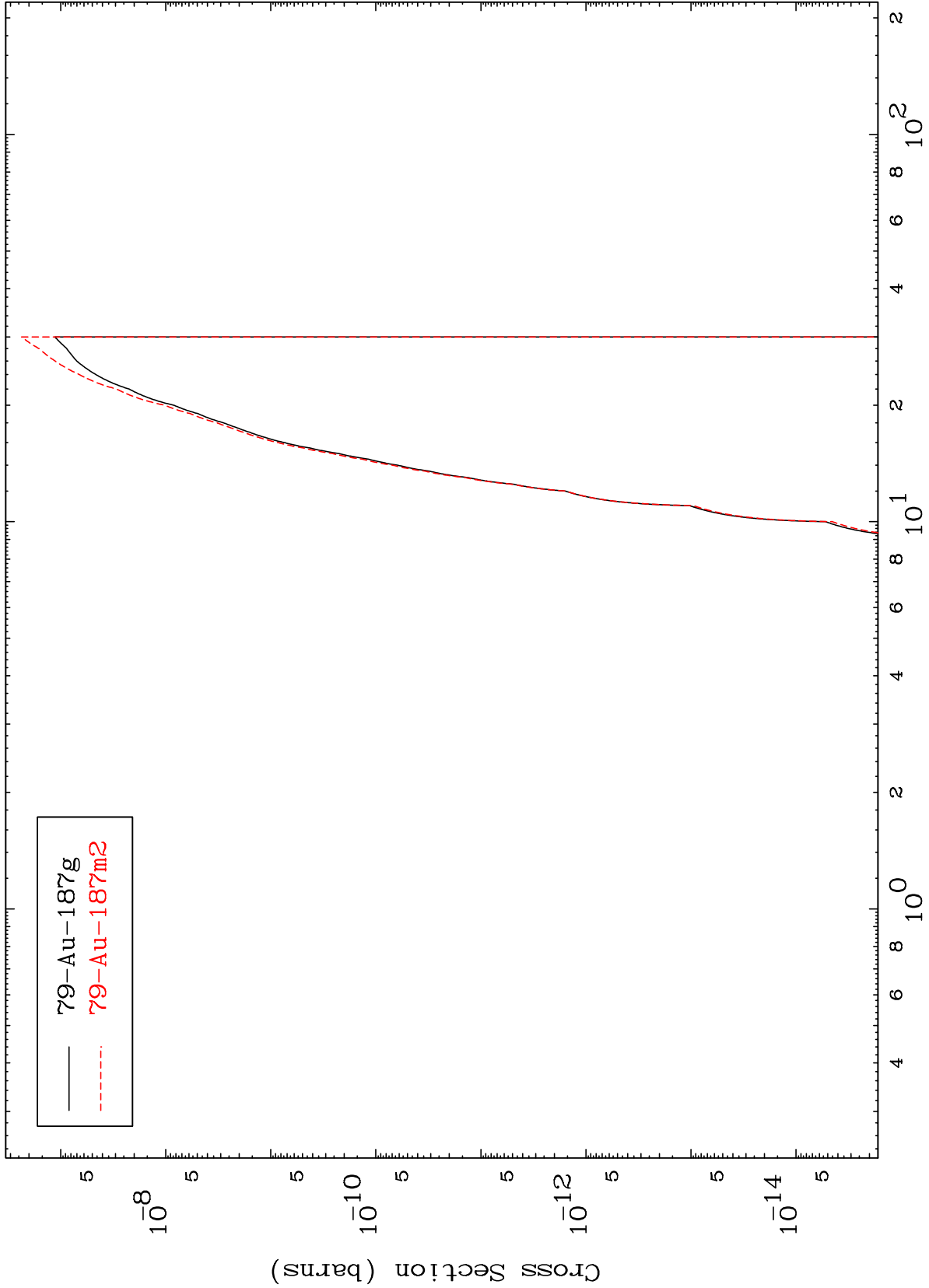


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(n,2α)

83-Bi-195m

Radionuclide Production Cross Section

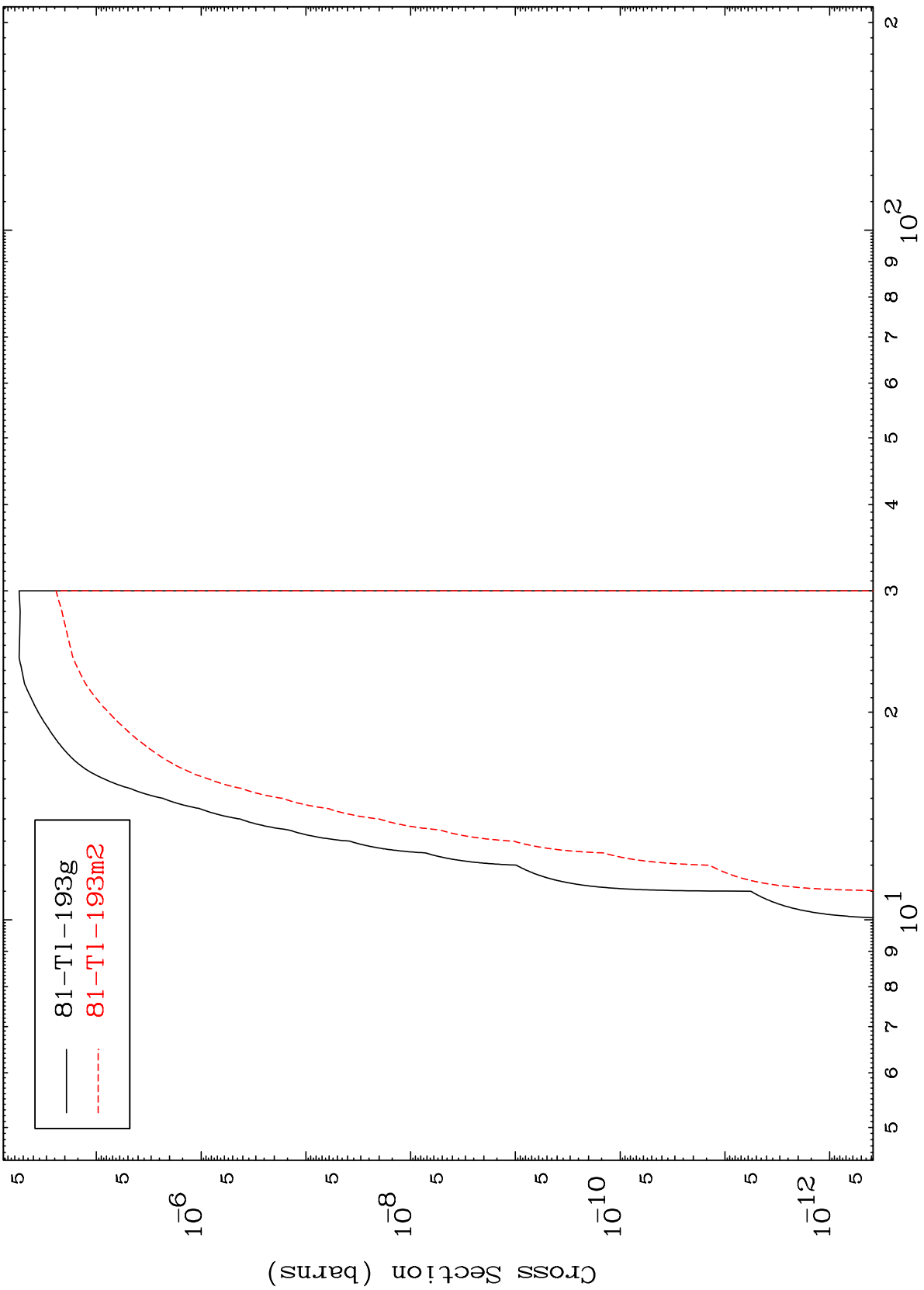


79-Au-187g
79-Au-187m2

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83-Bi-195m

(n,2p)
Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

26

Incident Energy (MeV)

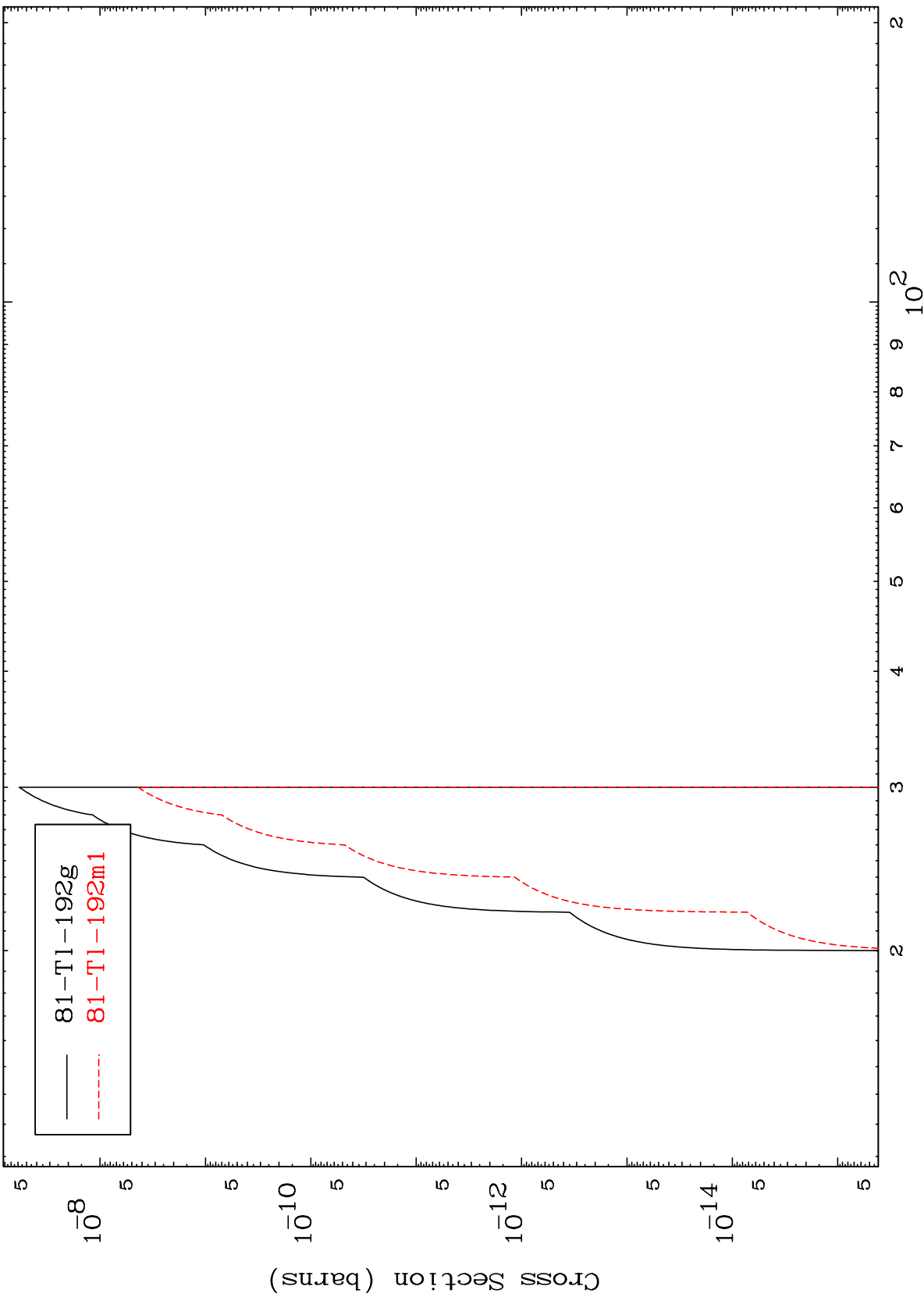
83-Bi-195m

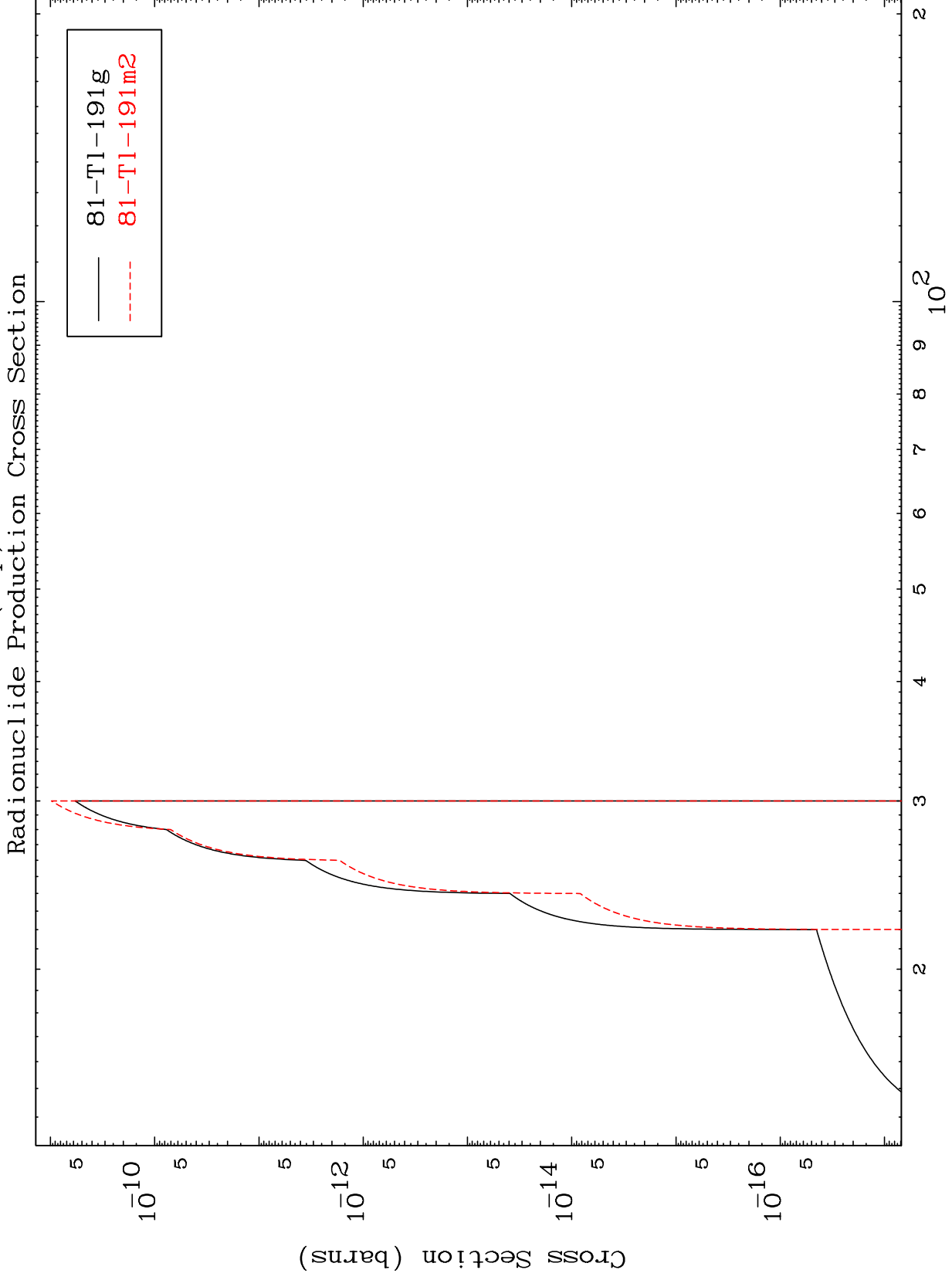
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(n,p) d

83-Bi-195m

Radionuclide Production Cross Section



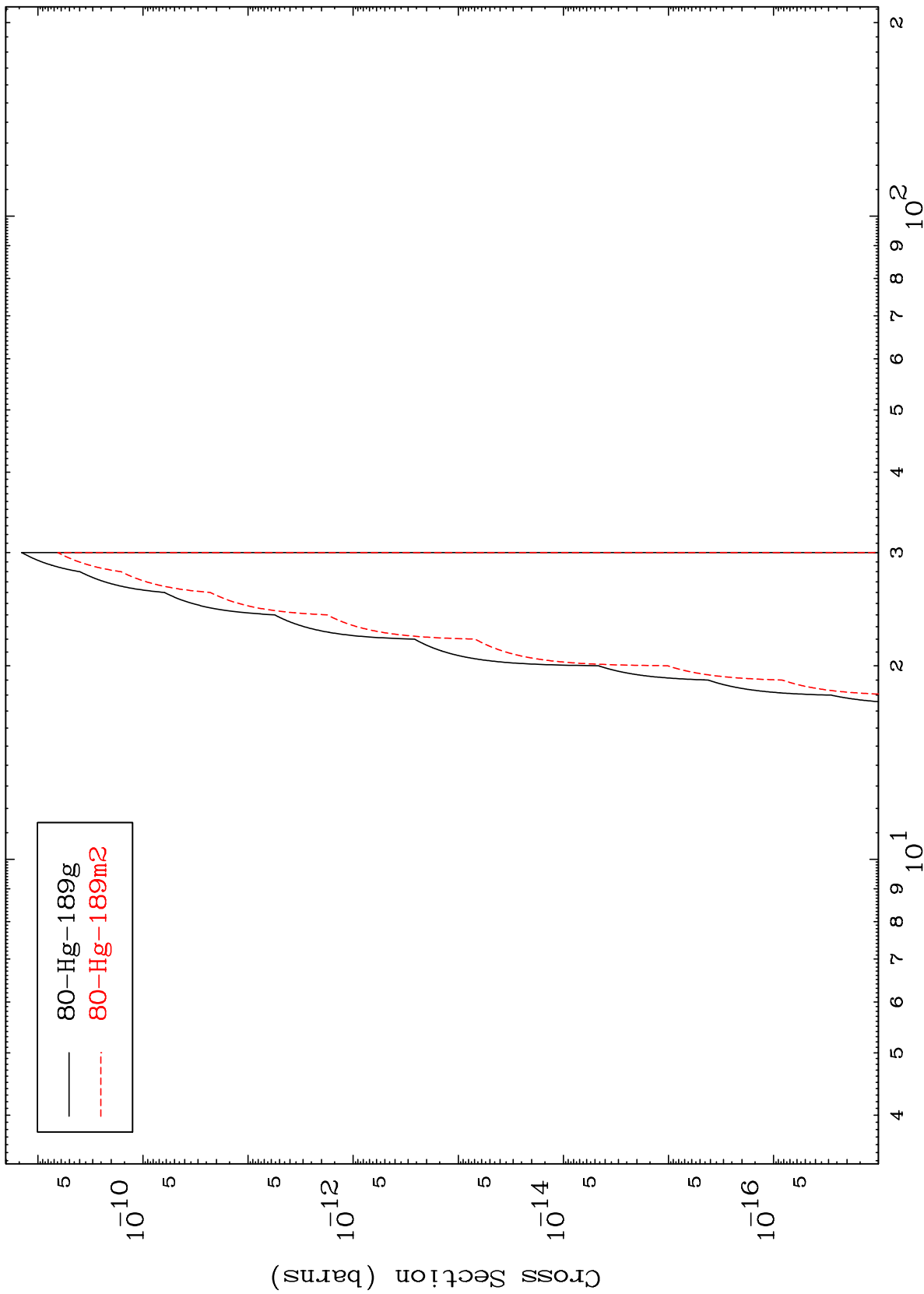


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(n,d) α

83-Bi-195m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

83-Bi-195m