

Program EVALPLOT
(Version 2021-1)

by

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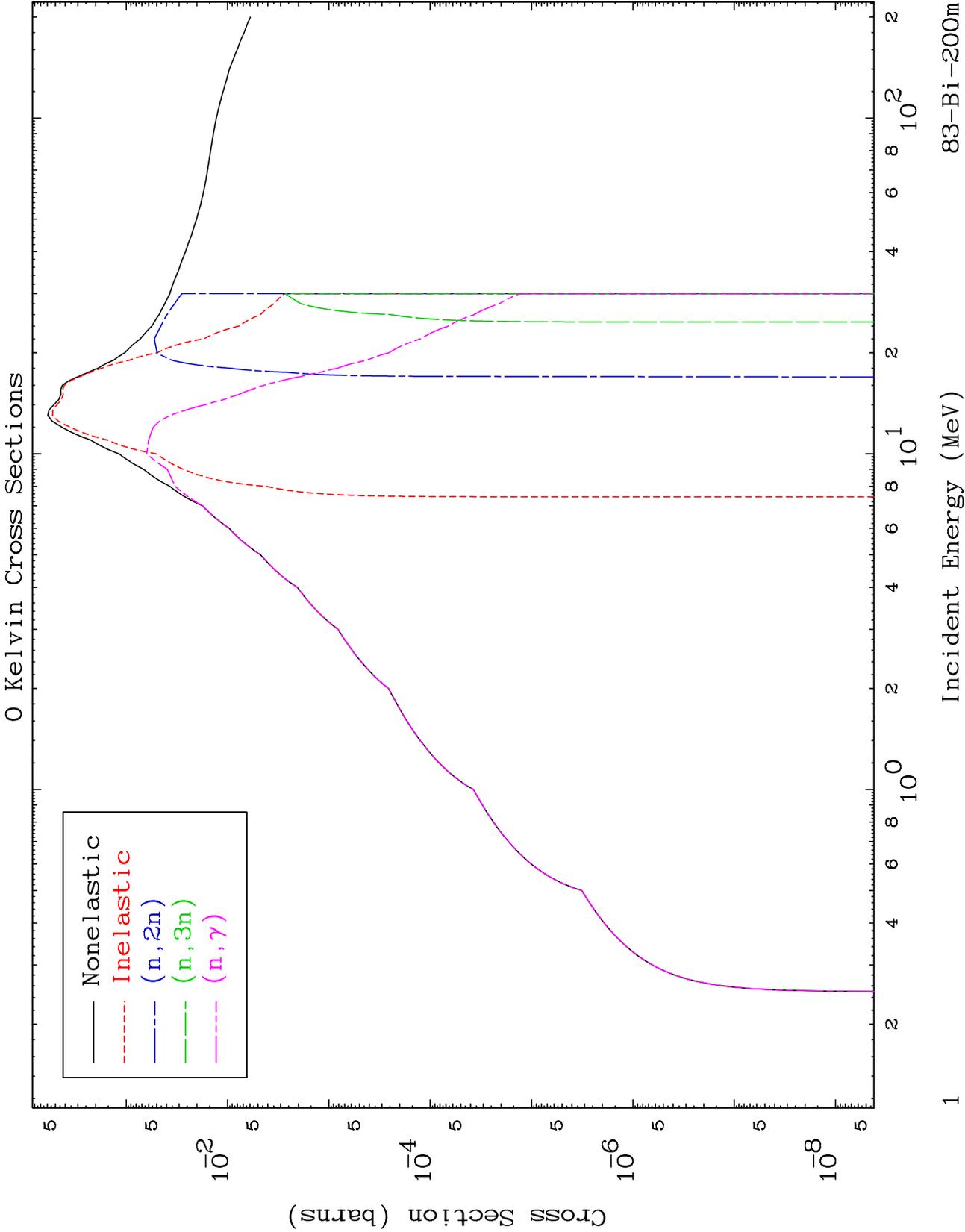
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Press Mouse Button to Start

MAT 8299

Photon Major

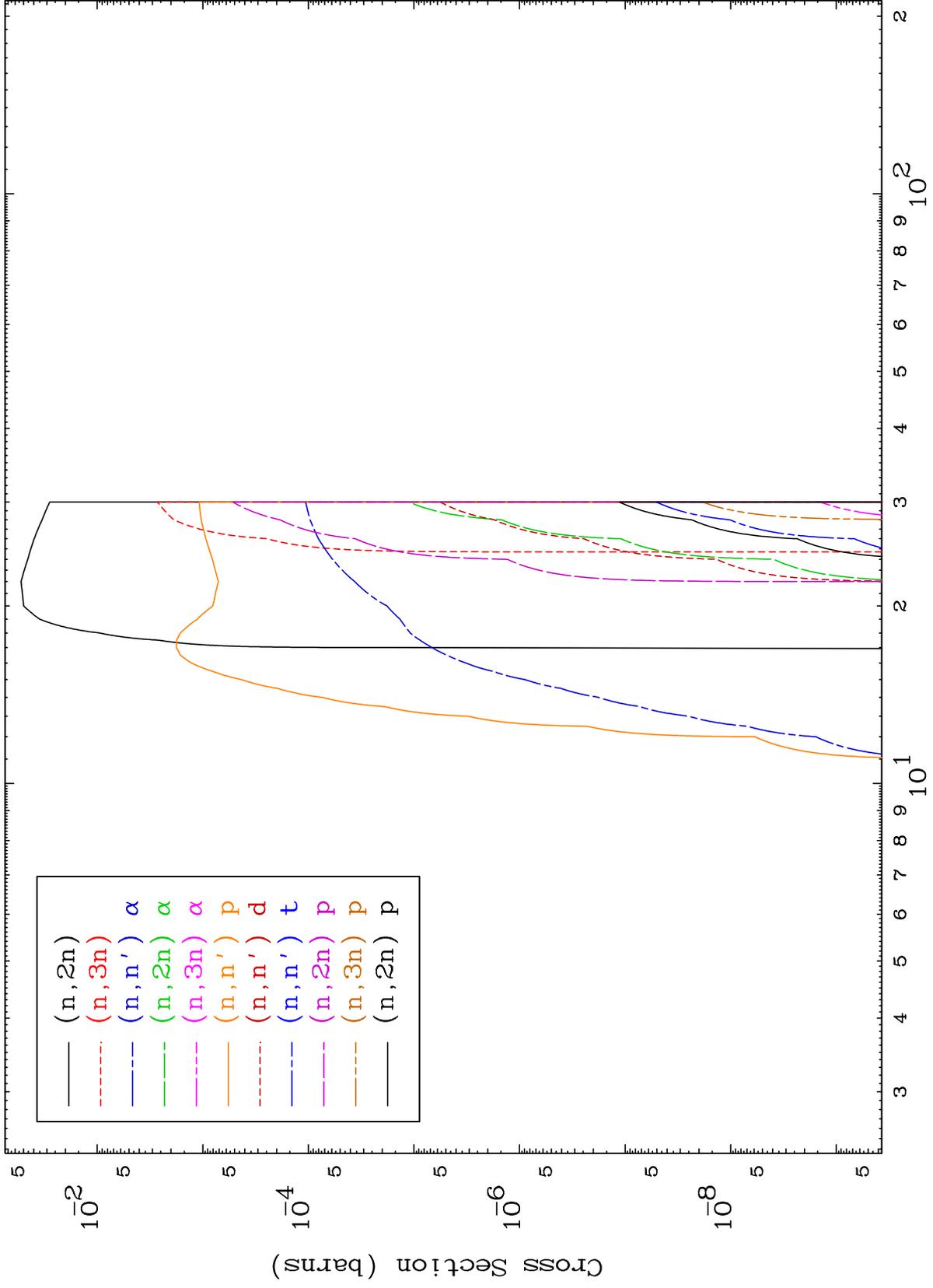
83-Bi-200m

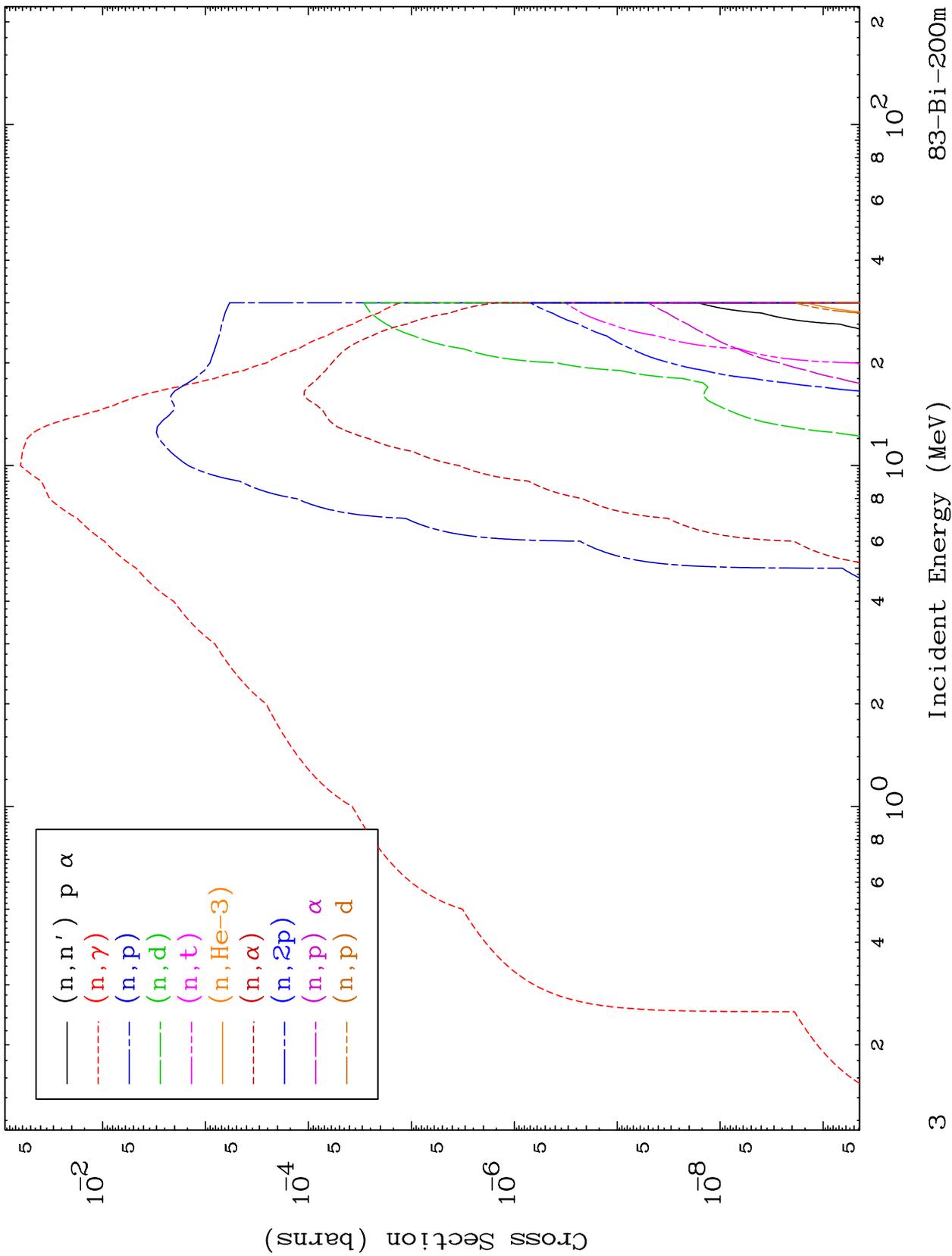


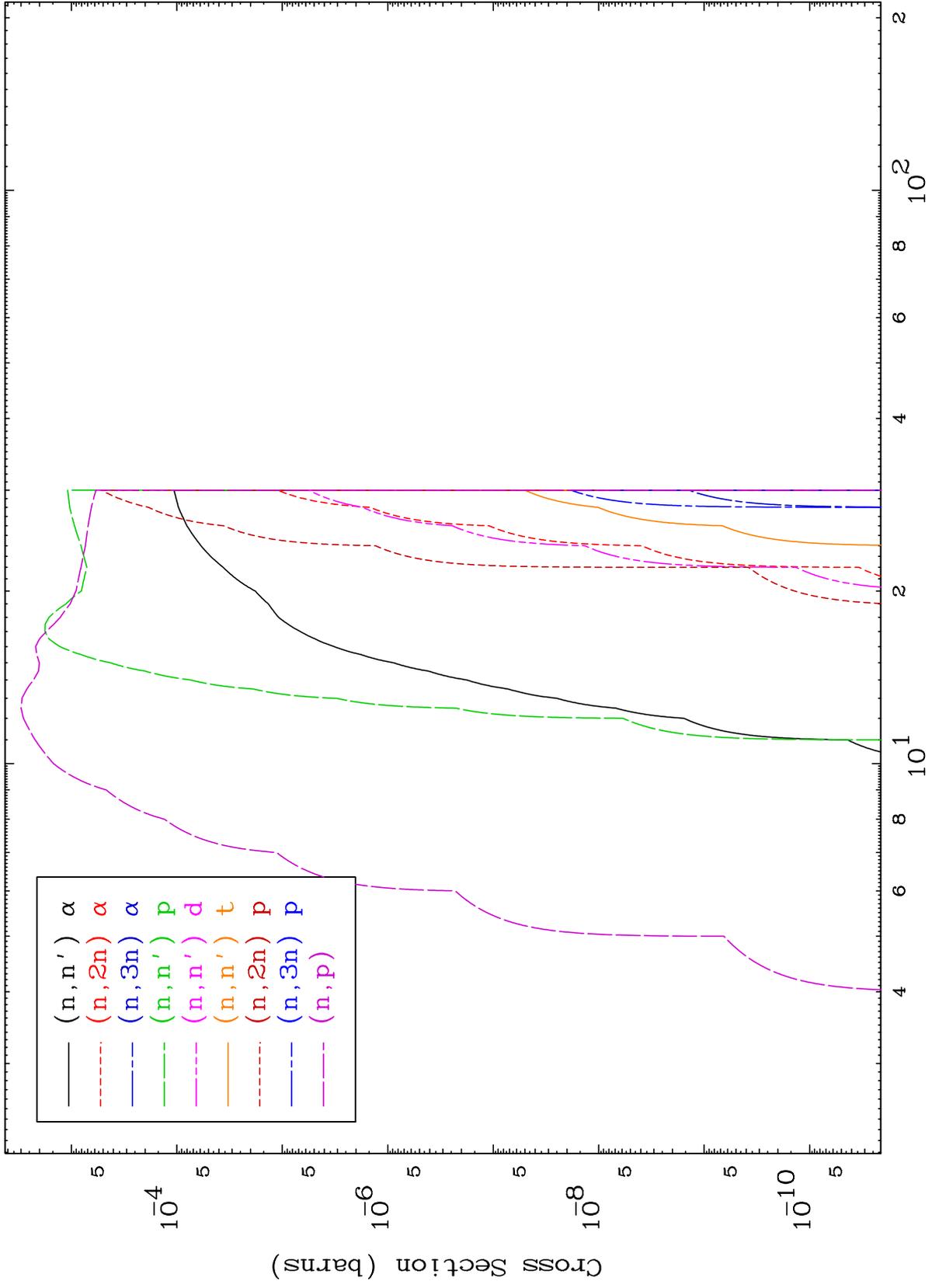
MAT 8299

Photon Neutron Absorption
0 Kelvin Cross Sections

83-Bi-200m



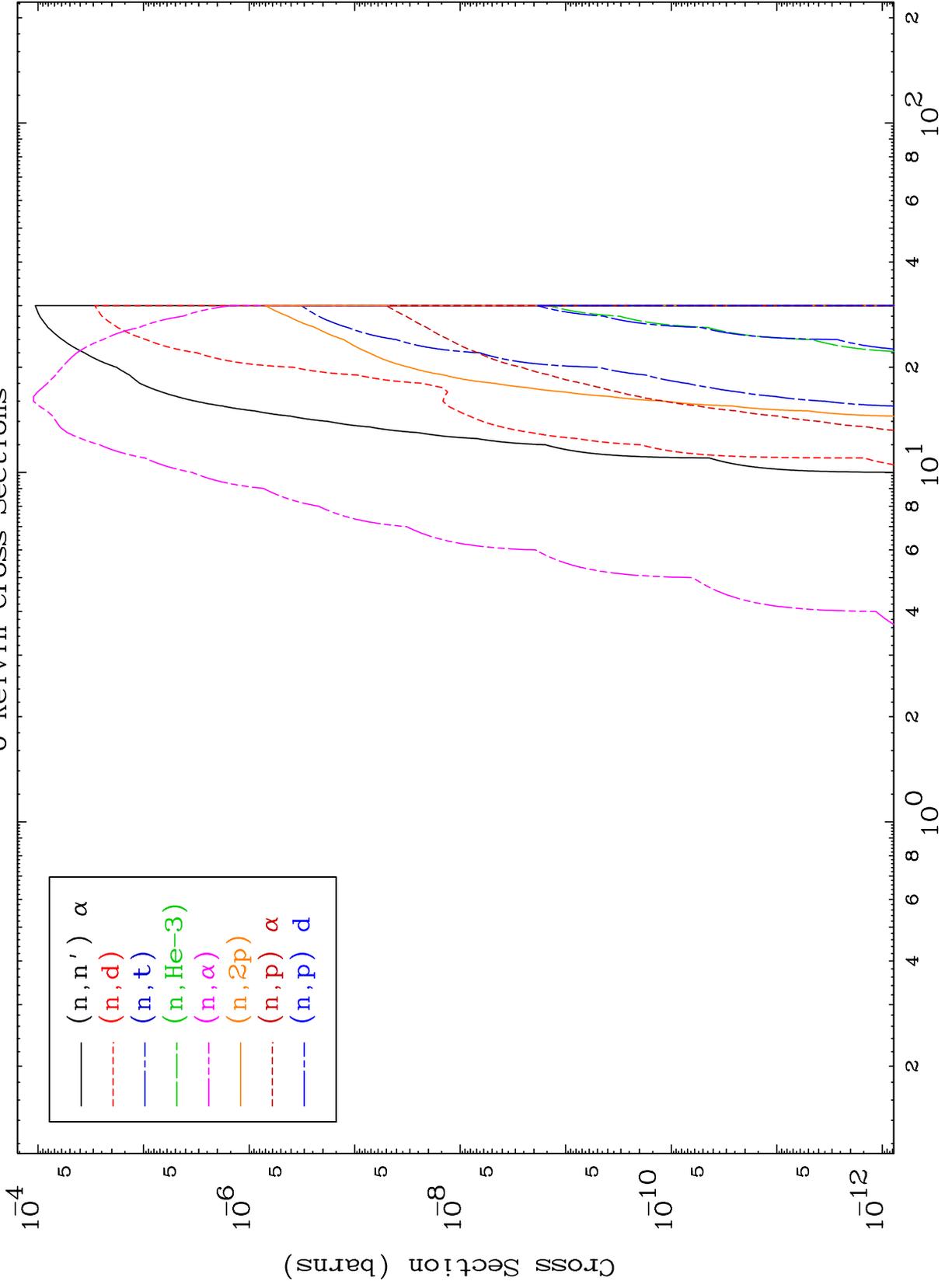




MAT 8299

Photon Charged Particle
0 Kelvin Cross Sections

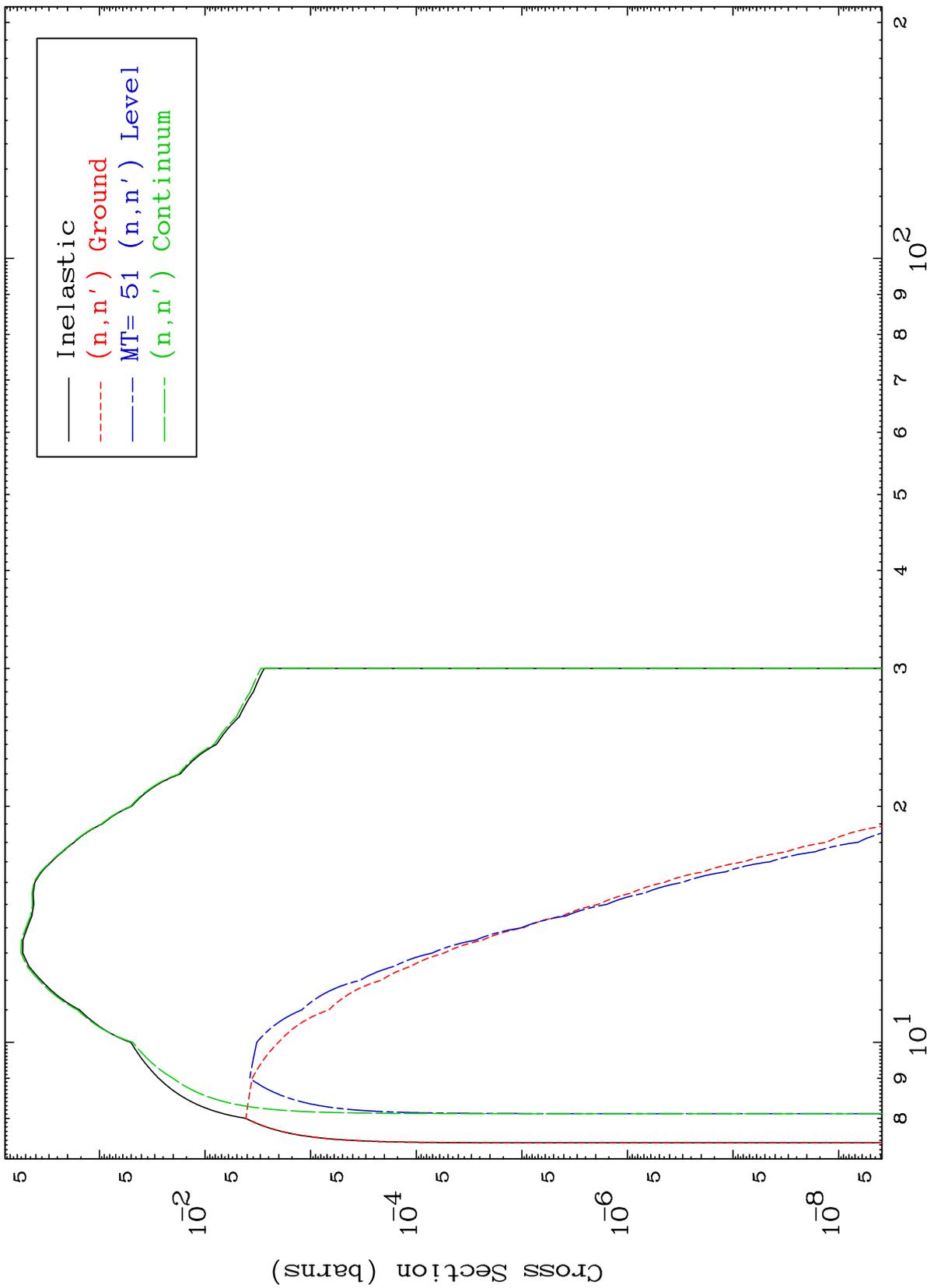
83-Bi-200m



MAT 8299

83-Bi-200m

(γ, n') Levels
0 Kelvin Cross Sections



83-Bi-200m

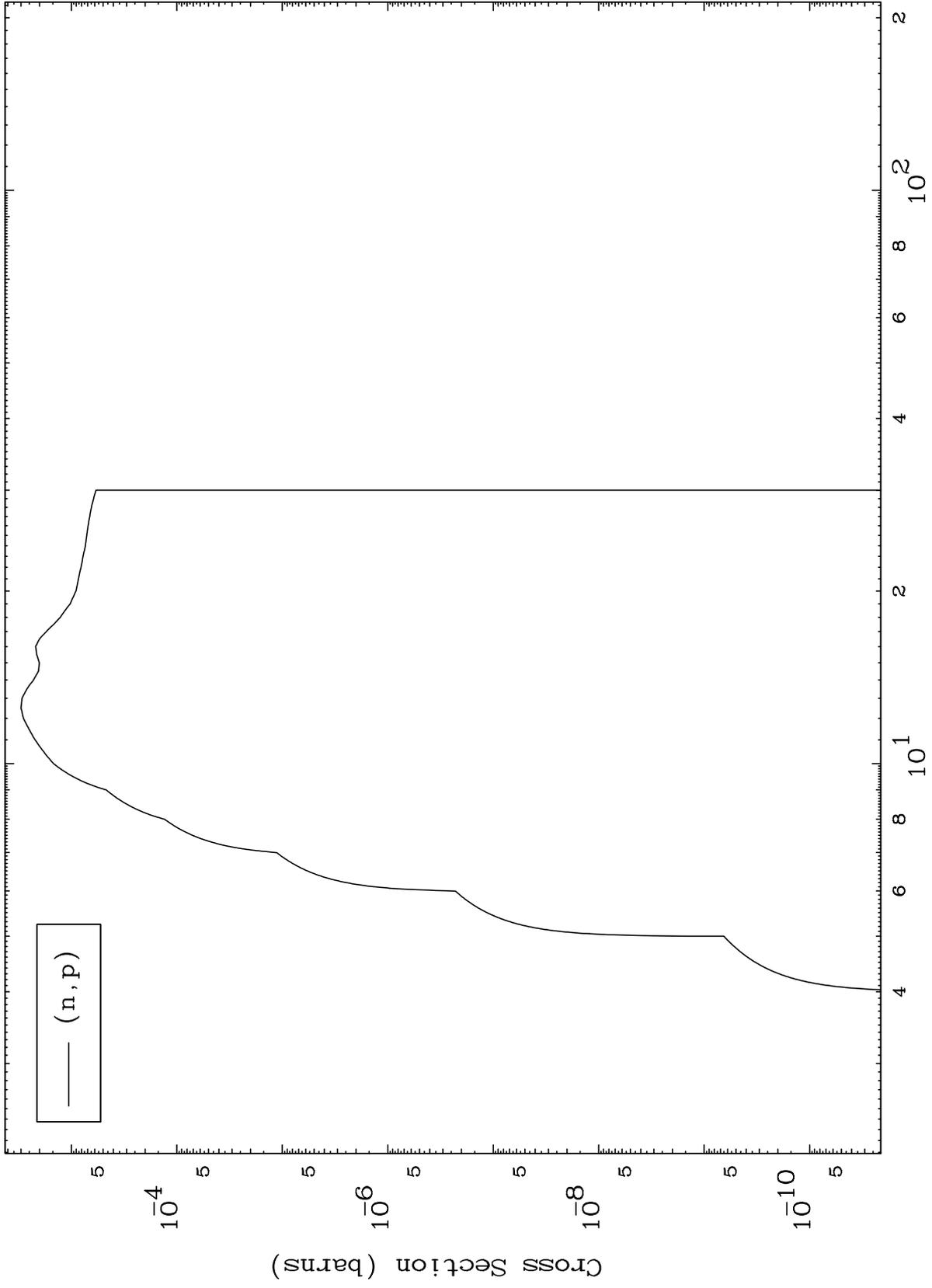
Incident Energy (MeV)

6

MAT 8299

(γ, p) Levels
0 Kelvin Cross Sections

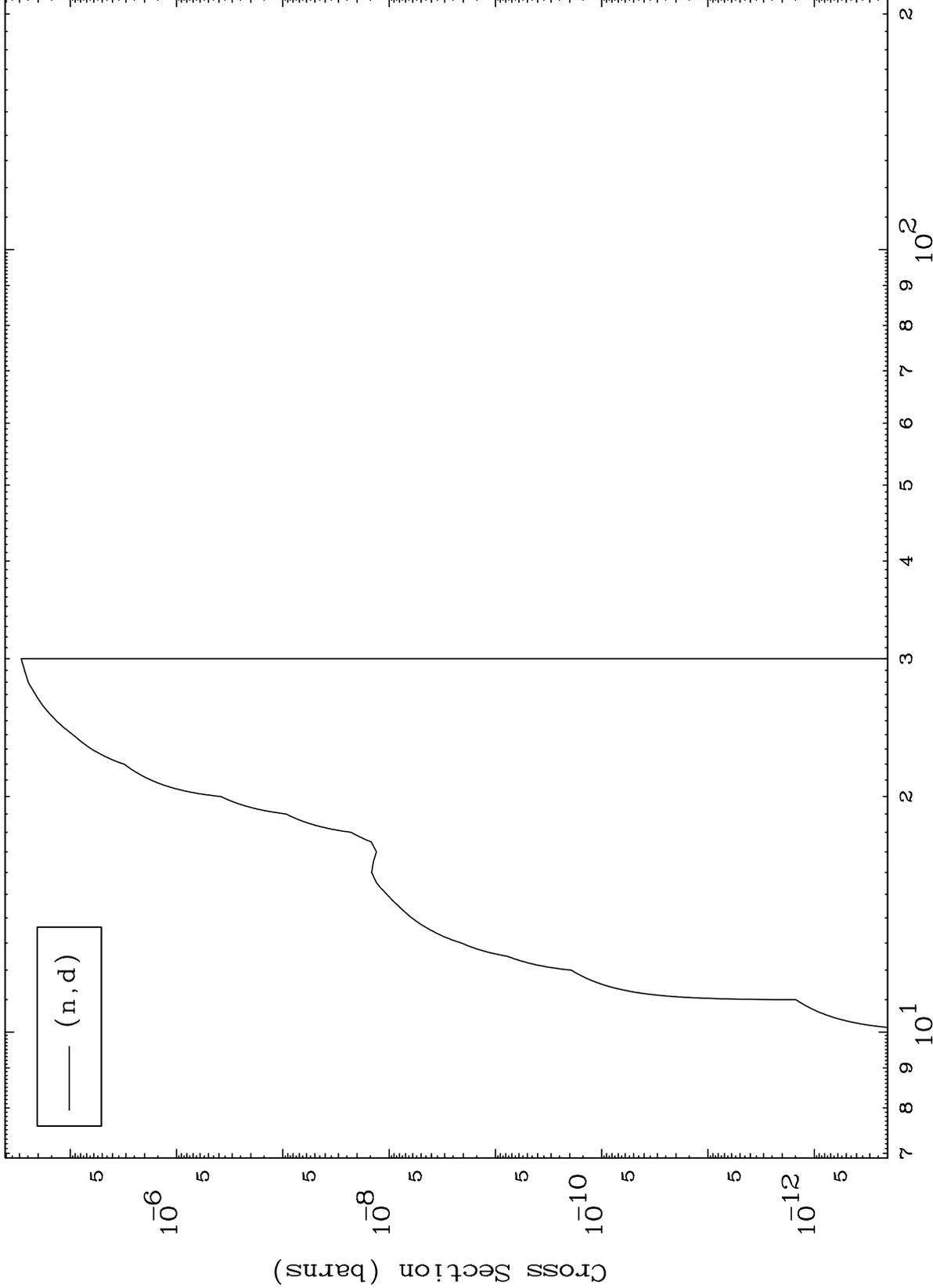
^{83}Bi -200m



MAT 8299

(γ, d) Levels
0 Kelvin Cross Sections

^{83}Bi -200m



8

Incident Energy (MeV)

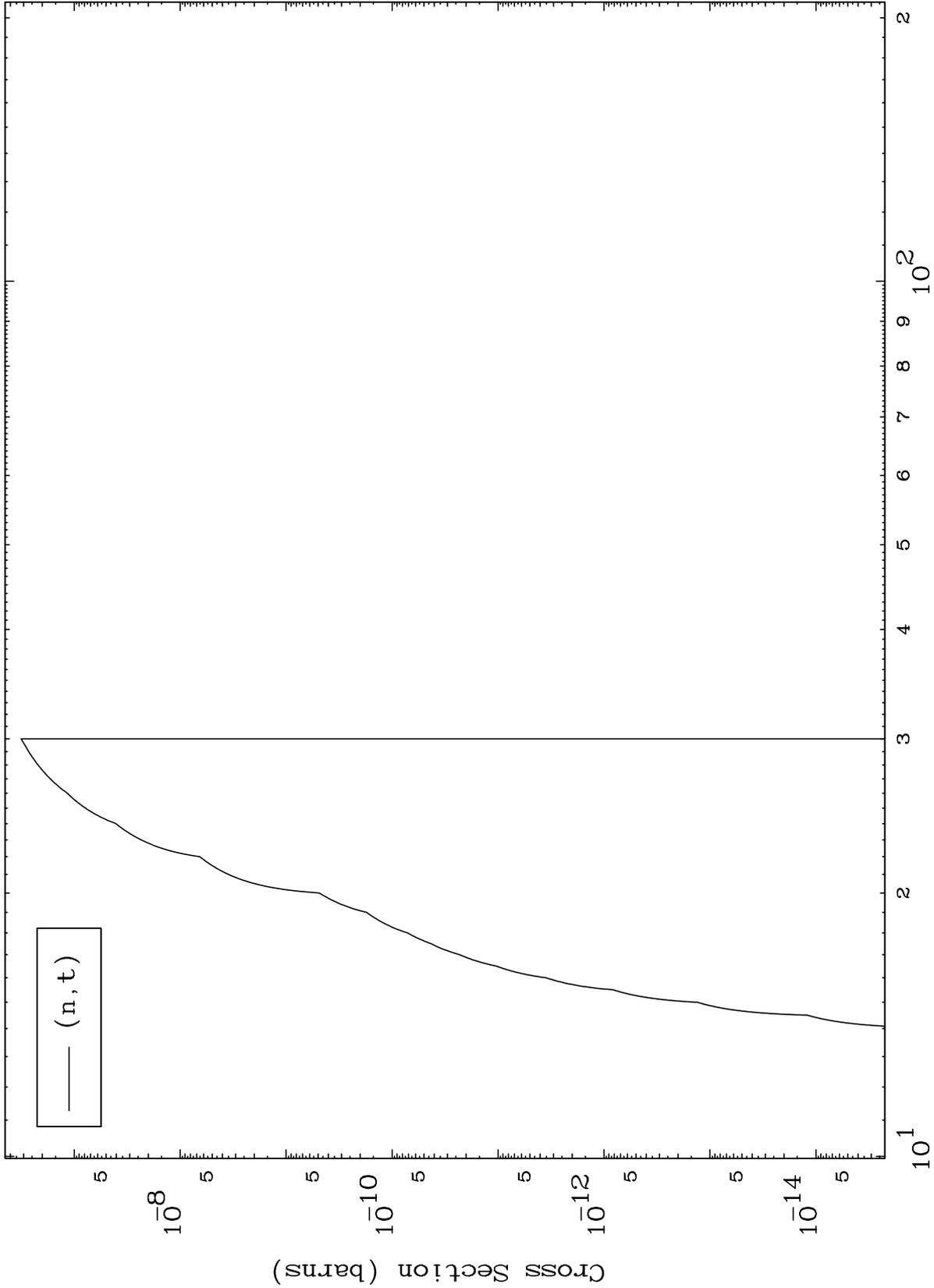
^{83}Bi -200m

MAT 8299

(γ, t) Levels

^{83}Bi -200m

0 Kelvin Cross Sections



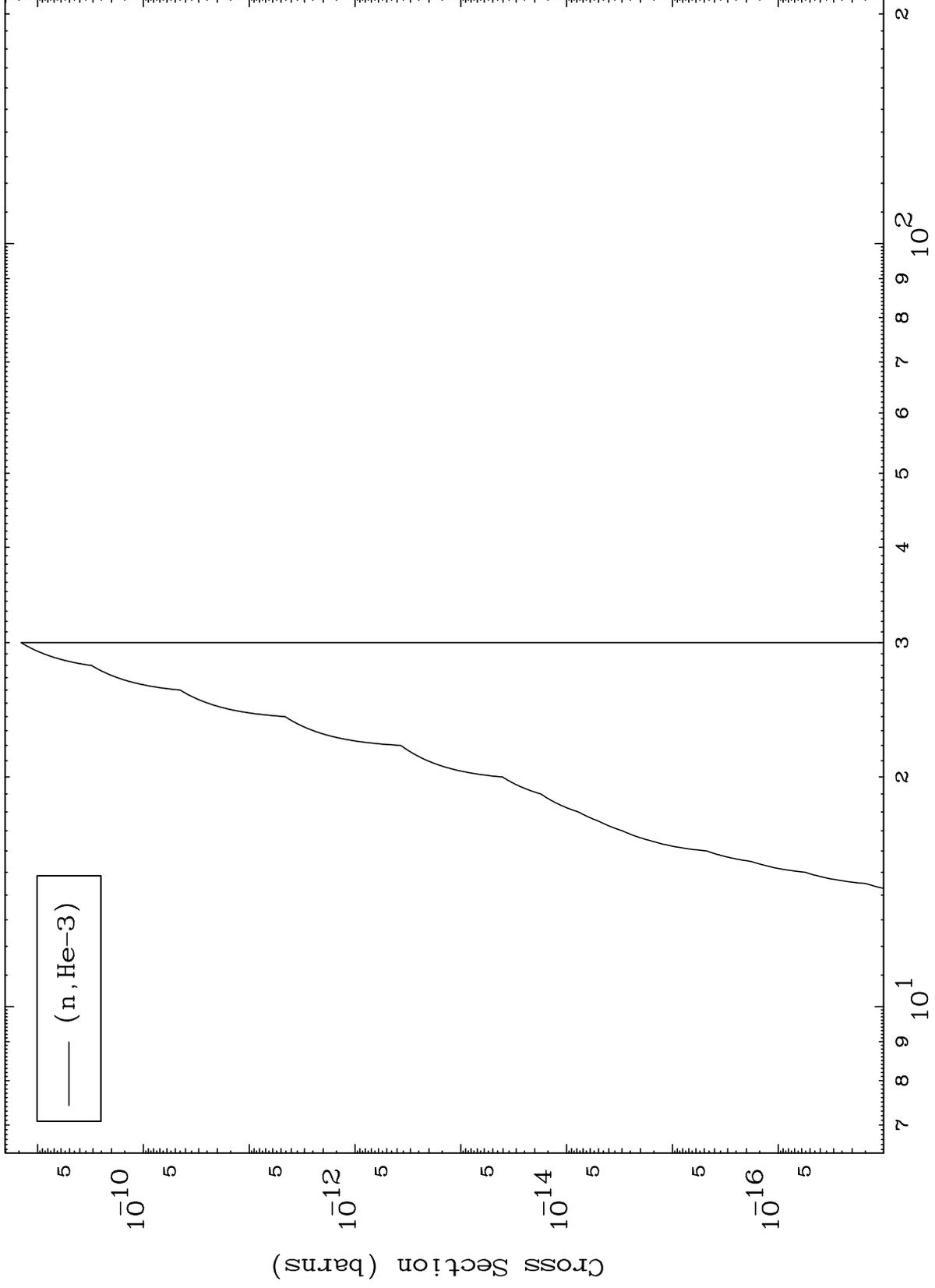
Incident Energy (MeV)

^{83}Bi -200m

MAT 8299

(γ , He3) Levels
0 Kelvin Cross Sections

83-Bi-200m



10

Incident Energy (MeV)

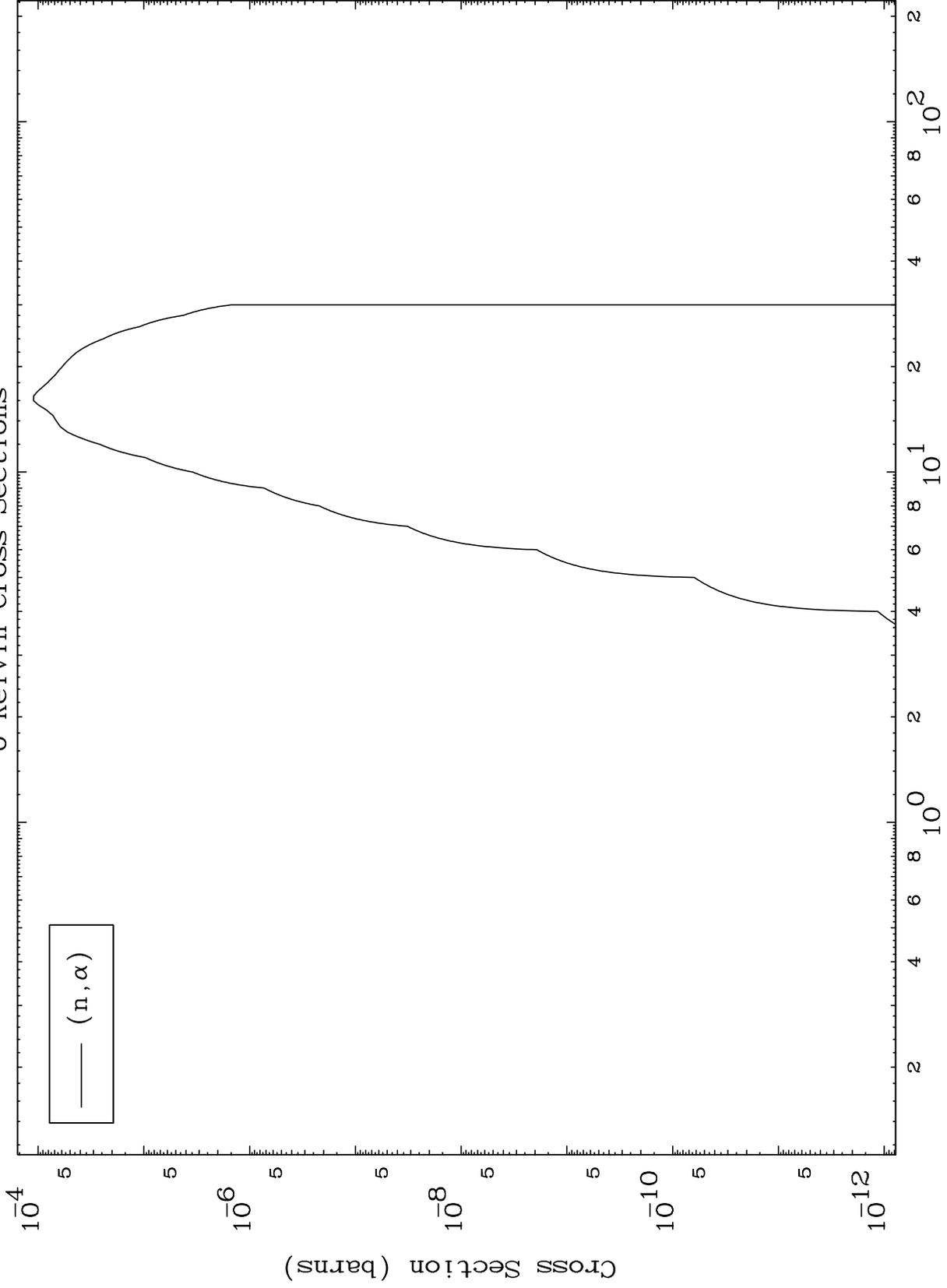
83-Bi-200m

MAT 8299

(γ, α) Levels

^{83}Bi -200m

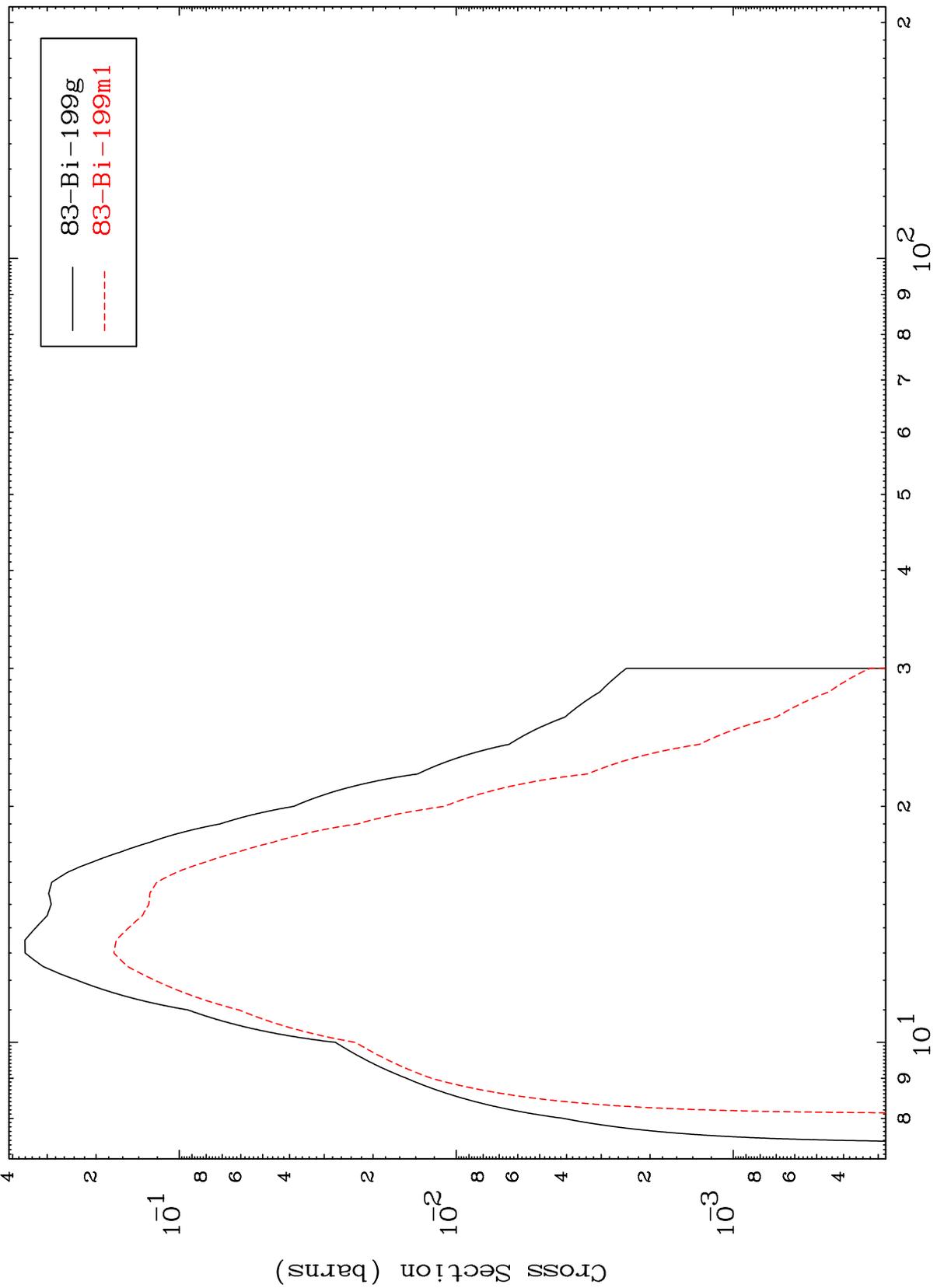
0 Kelvin Cross Sections



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83-Bi-200m

Inelastic
Radionuclide Production Cross Section



12

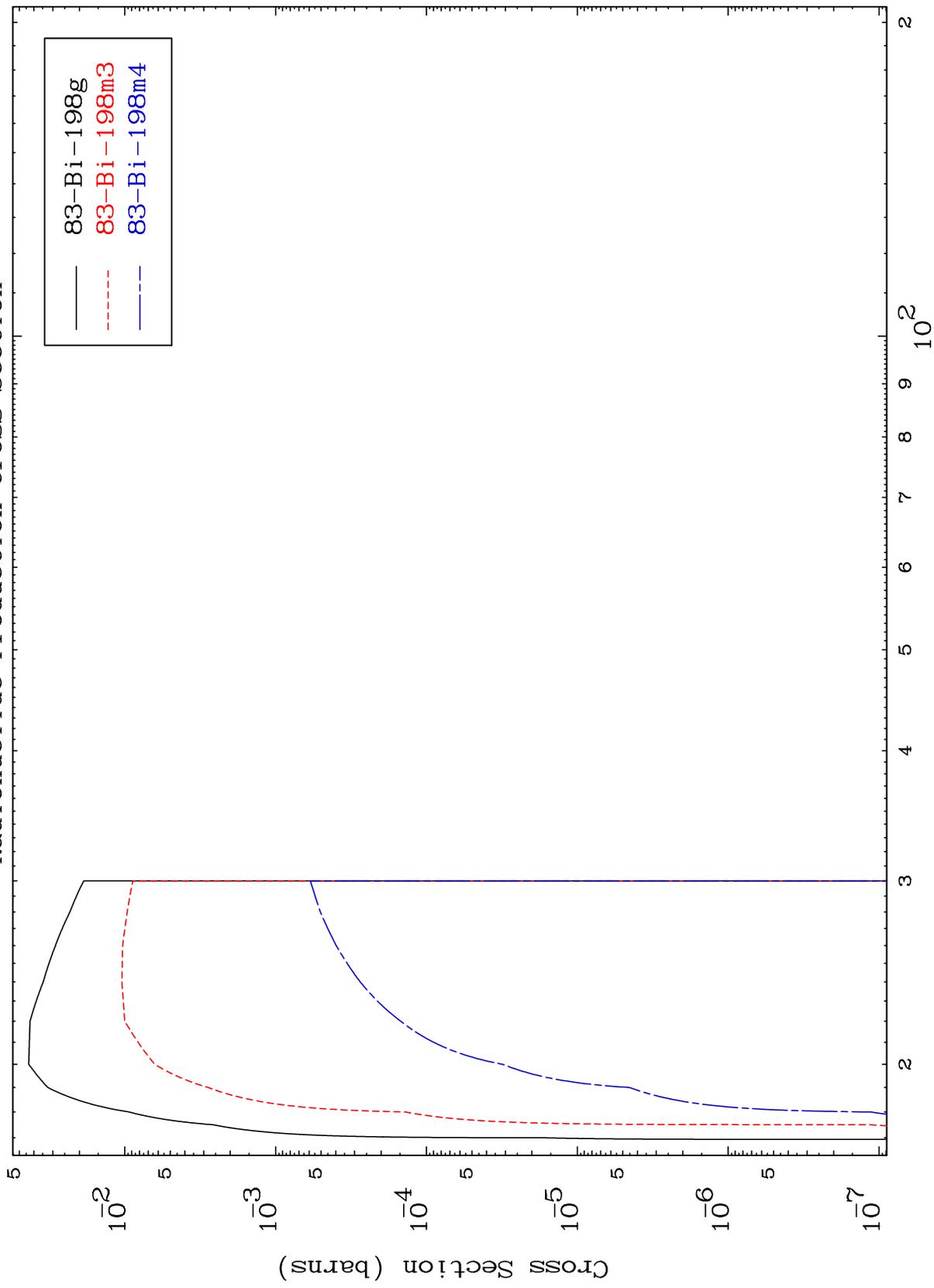
Incident Energy (MeV)

83-Bi-200m

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⁸³Bi-200m

(n,2n)
Radionuclide Production Cross Section



13

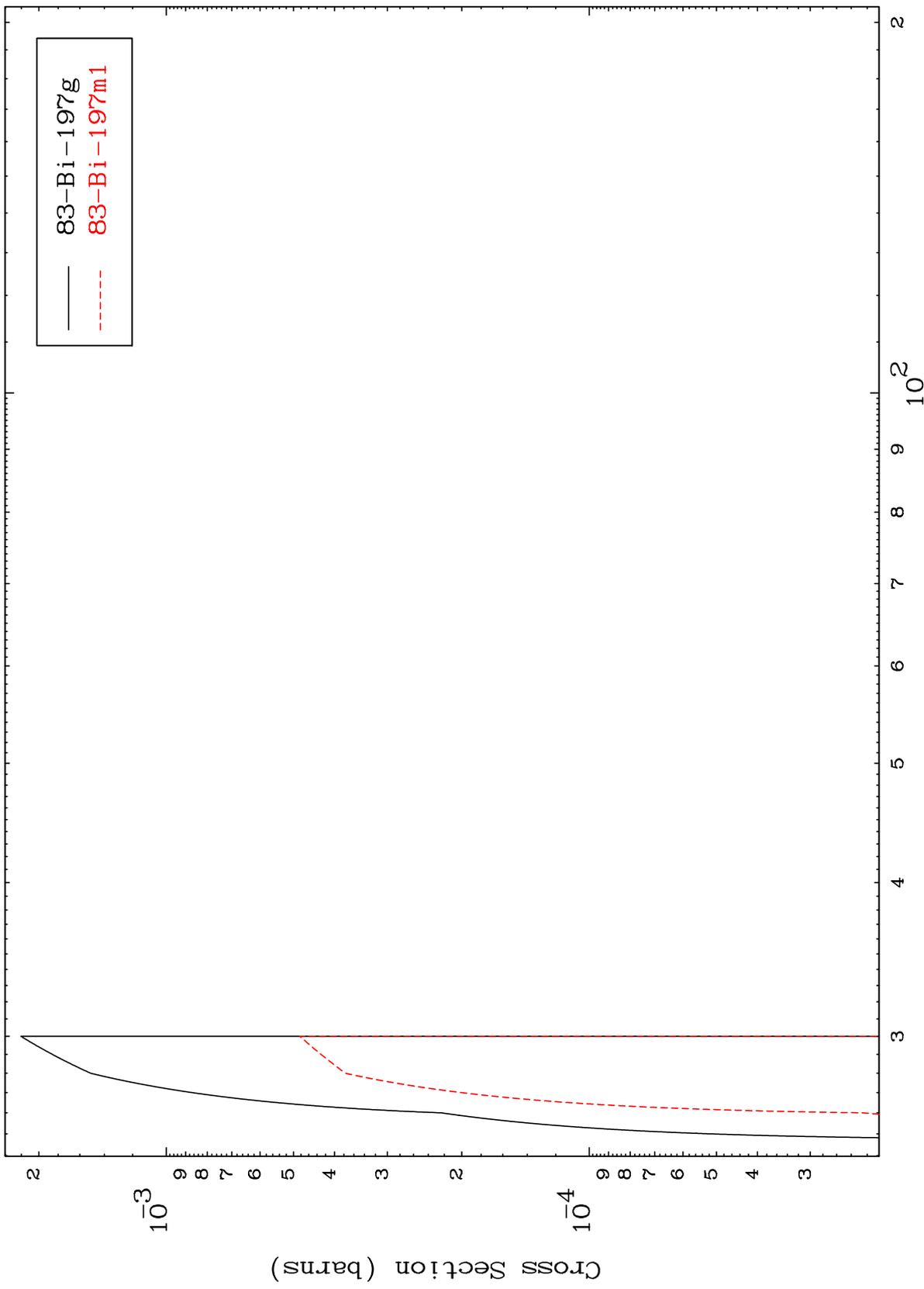
Incident Energy (MeV)

⁸³Bi-200m

MAT 8299

^{83}Bi -200m

(n,3n)
Radionuclide Production Cross Section



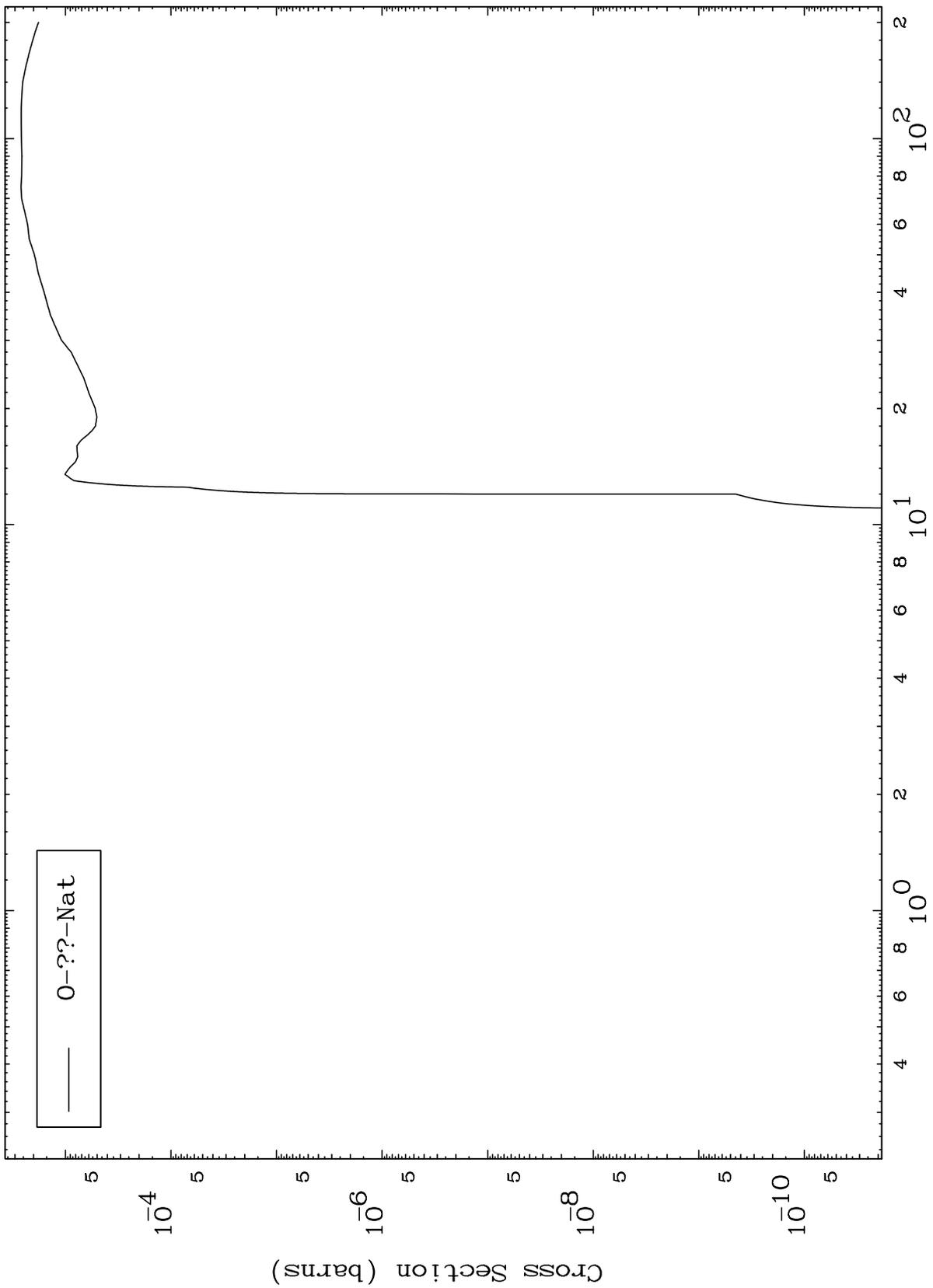
14

^{83}Bi -200m

MAT 8299

83-Bi-200m

Fission
Radionuclide Production Cross Section

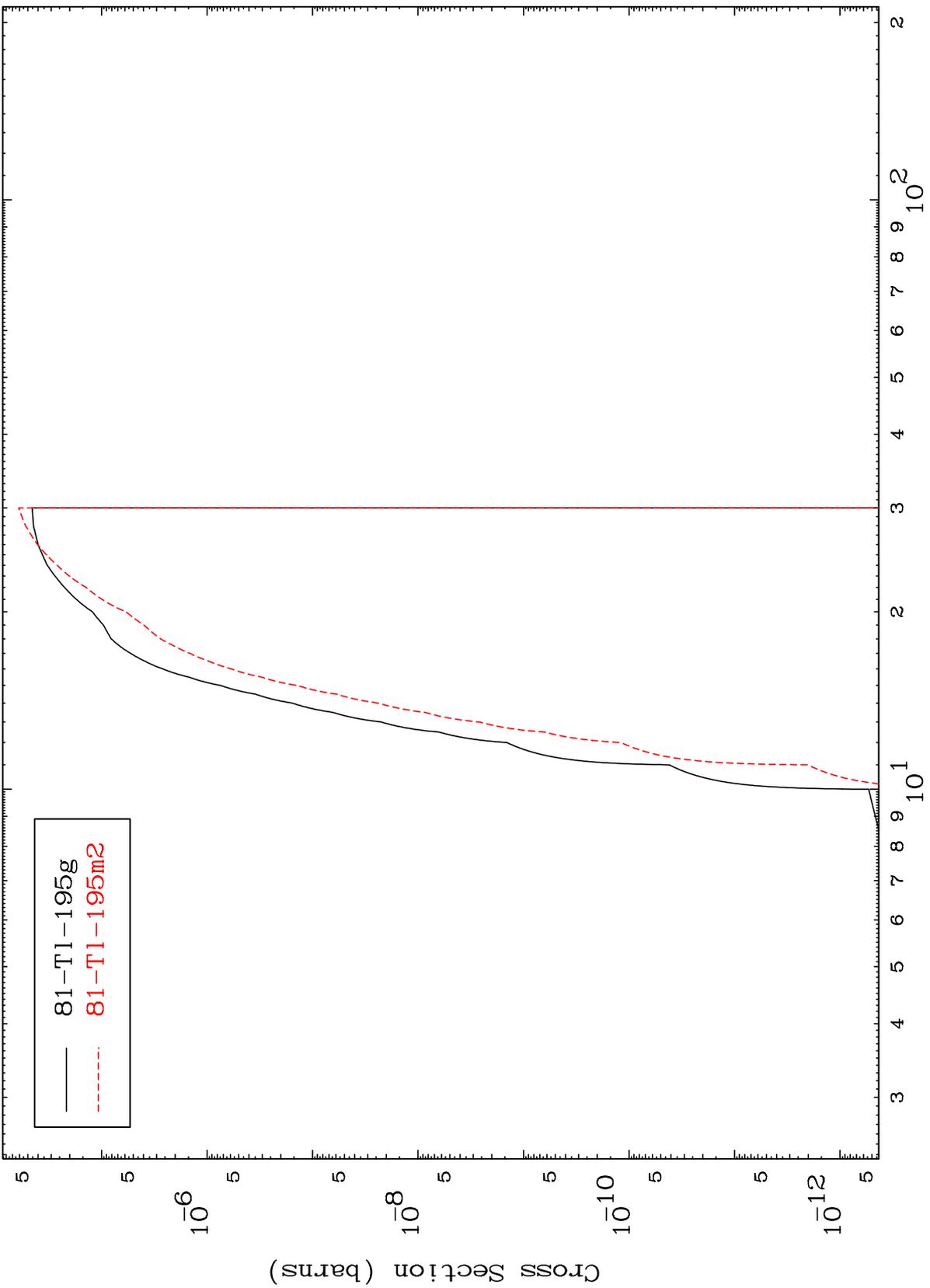


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$(n, n') \alpha$

83-Bi-200m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

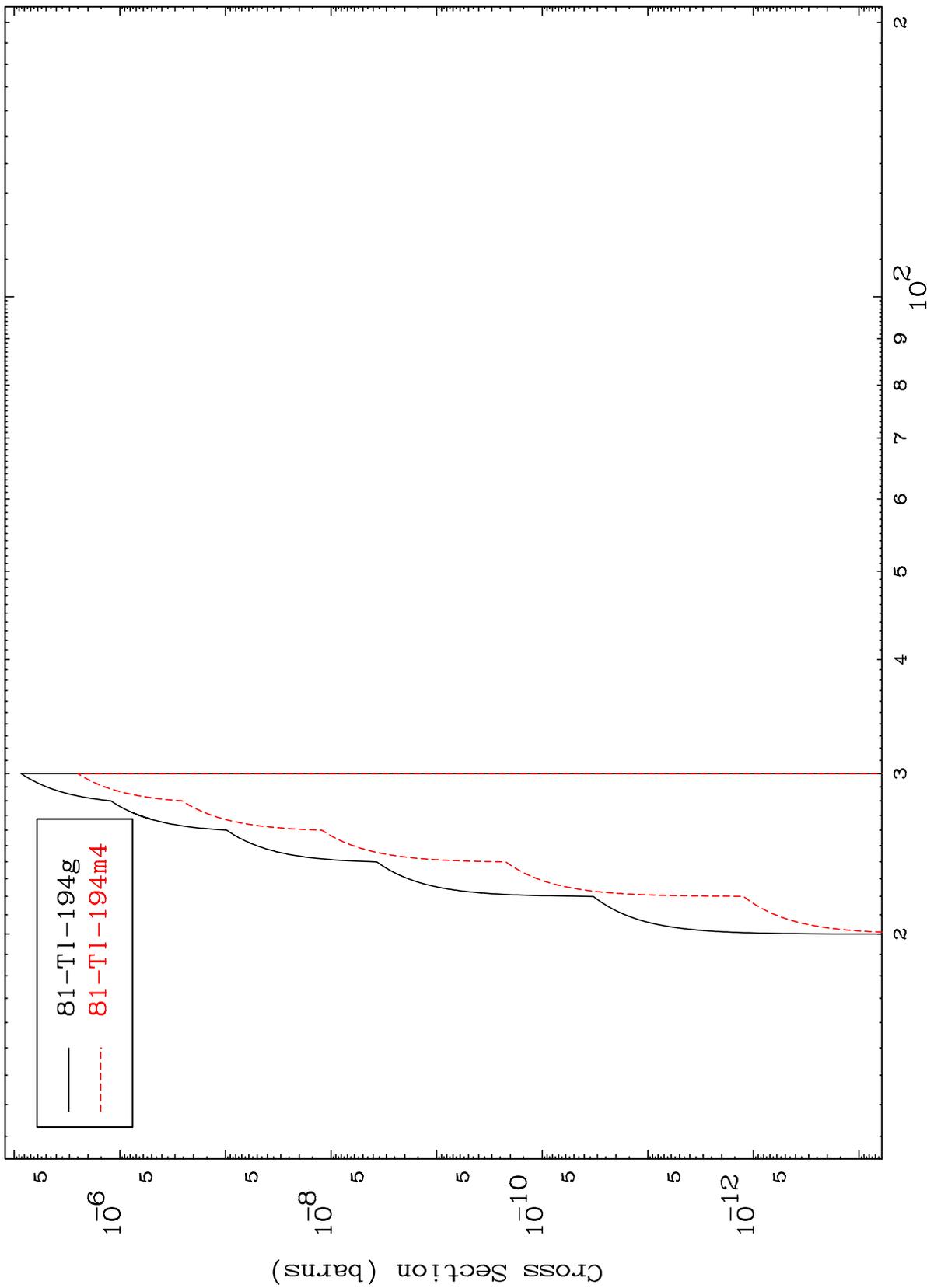
83-Bi-200m

MAT 8299

(n,2n) α

⁸³Bi-200m

Radionuclide Production Cross Section

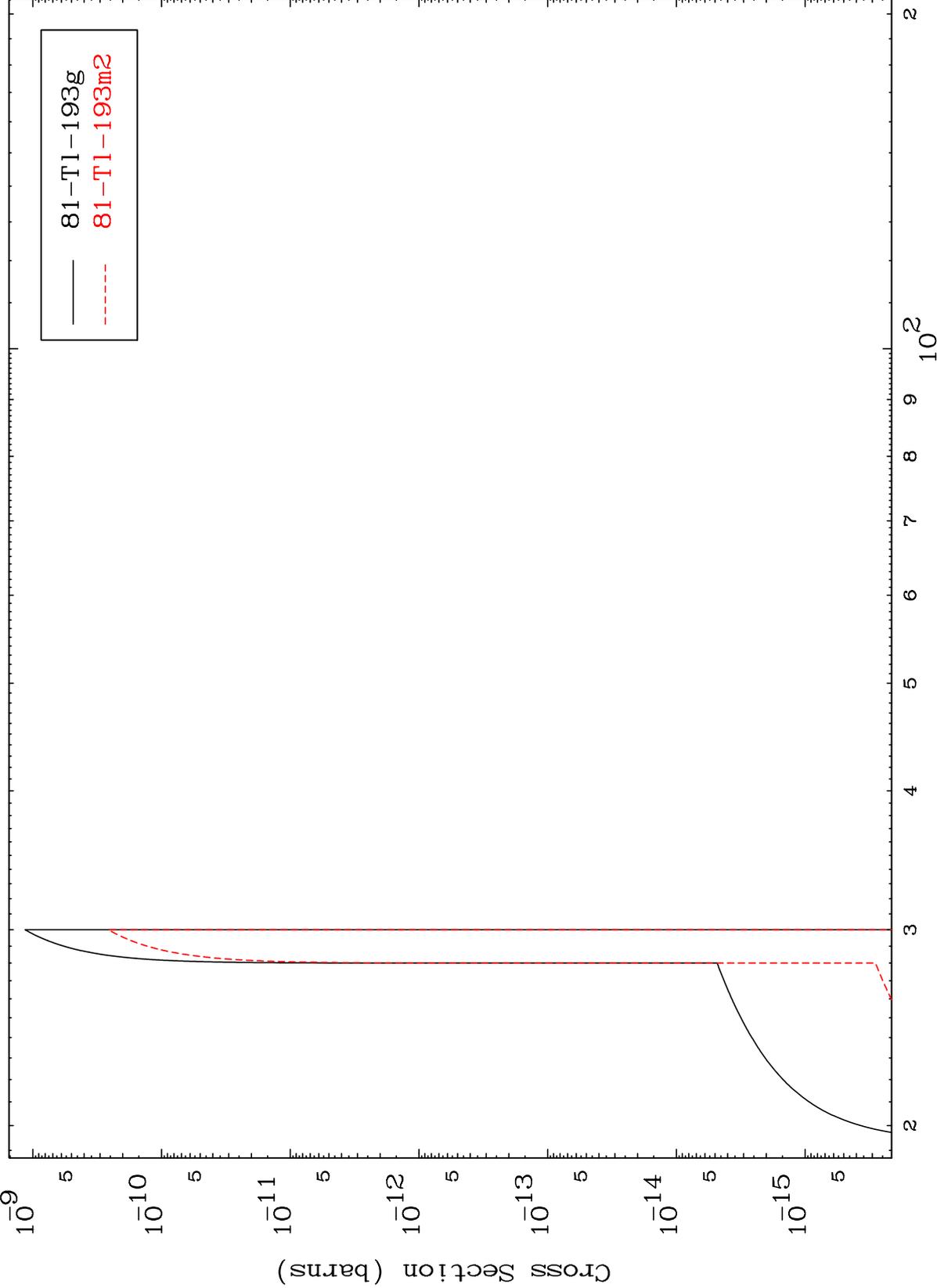


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(n,3n) α

83-Bi-200m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

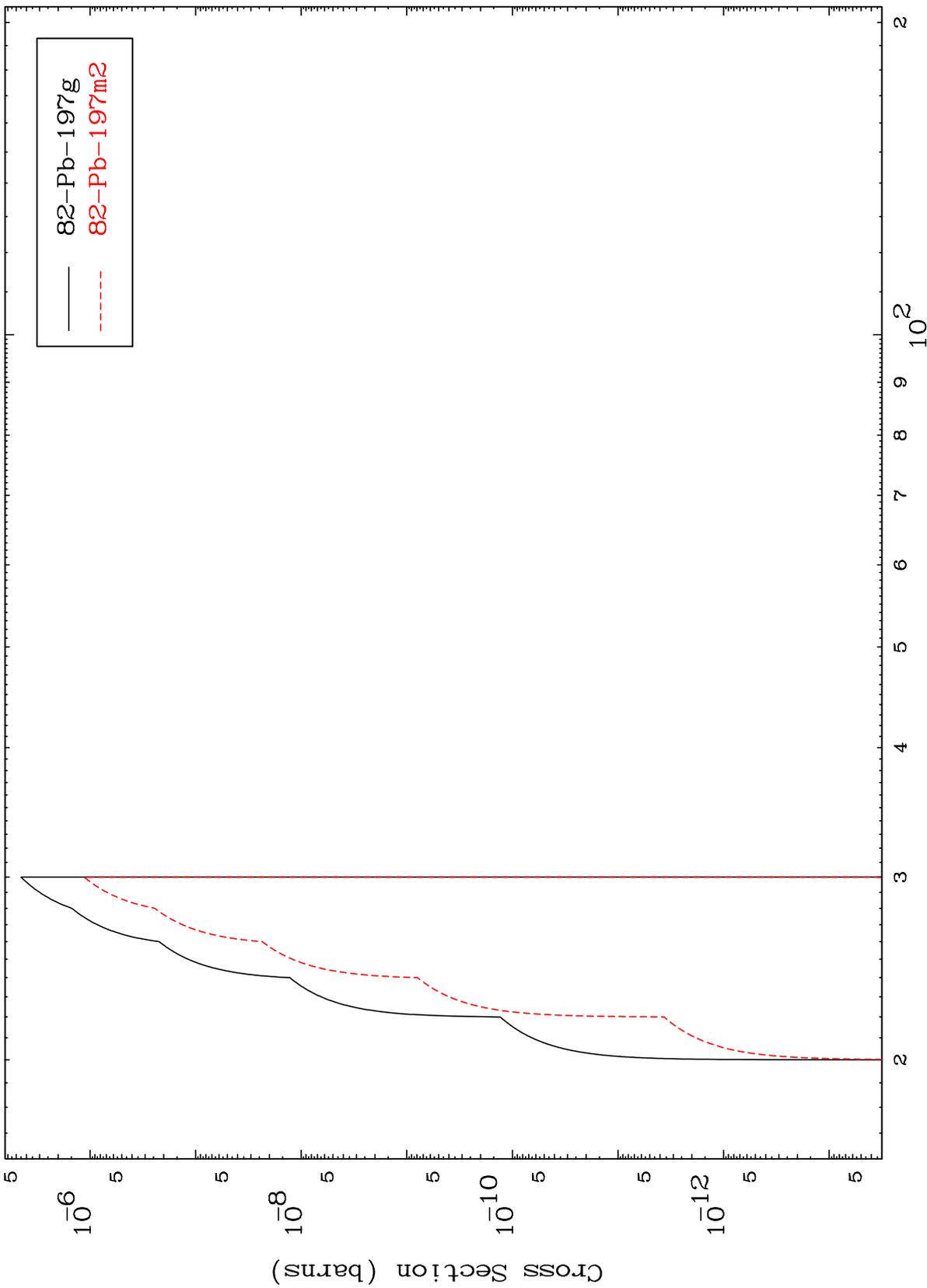
83-Bi-200m

MAT 8299

(n,n') d

83-Bi-200m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

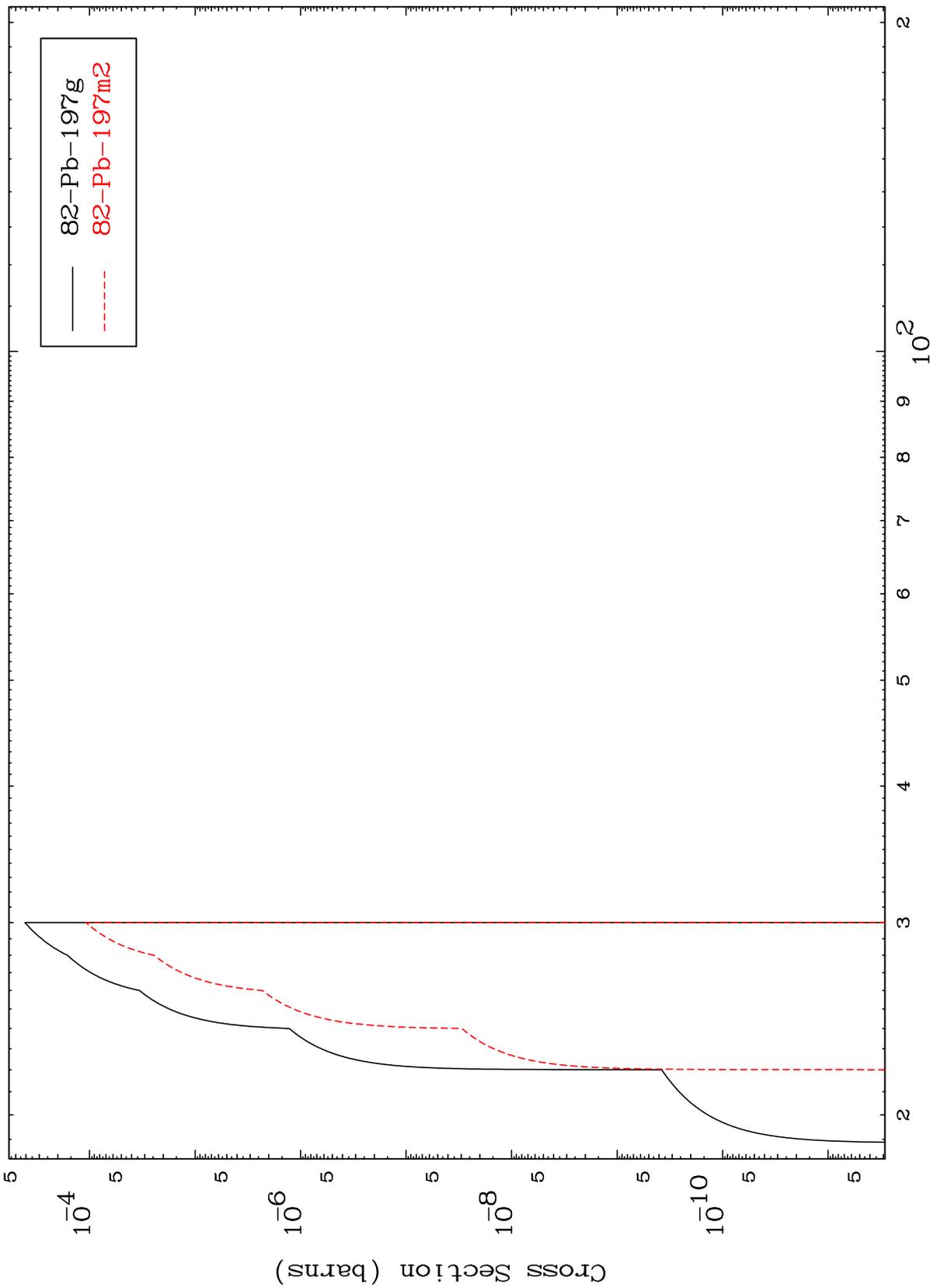
83-Bi-200m

MAT 8299

(n,2n) p

83-Bi-200m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

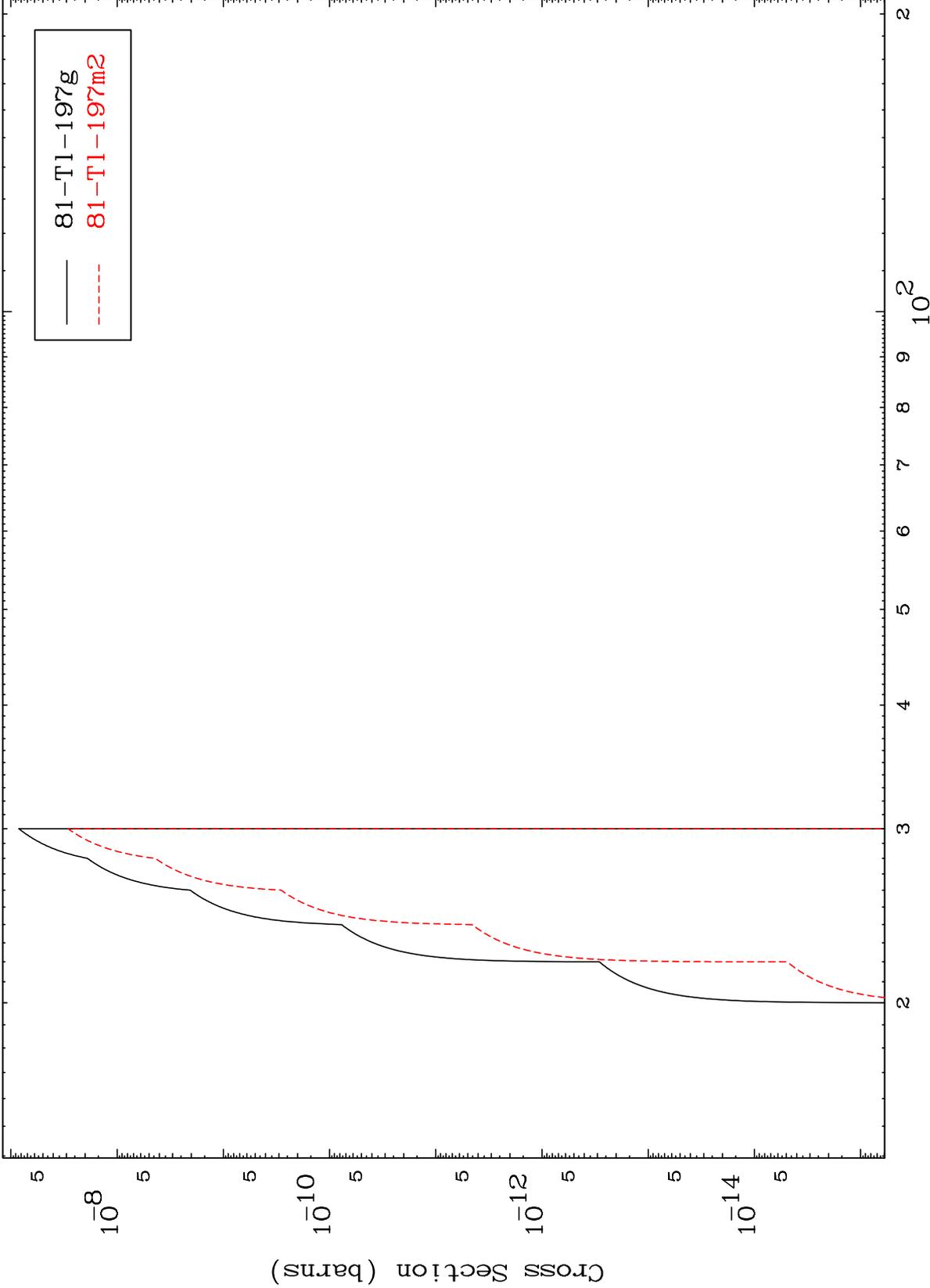
83-Bi-200m

MAT 8299

(n,2n) p

83-Bi-200m

Radionuclide Production Cross Section



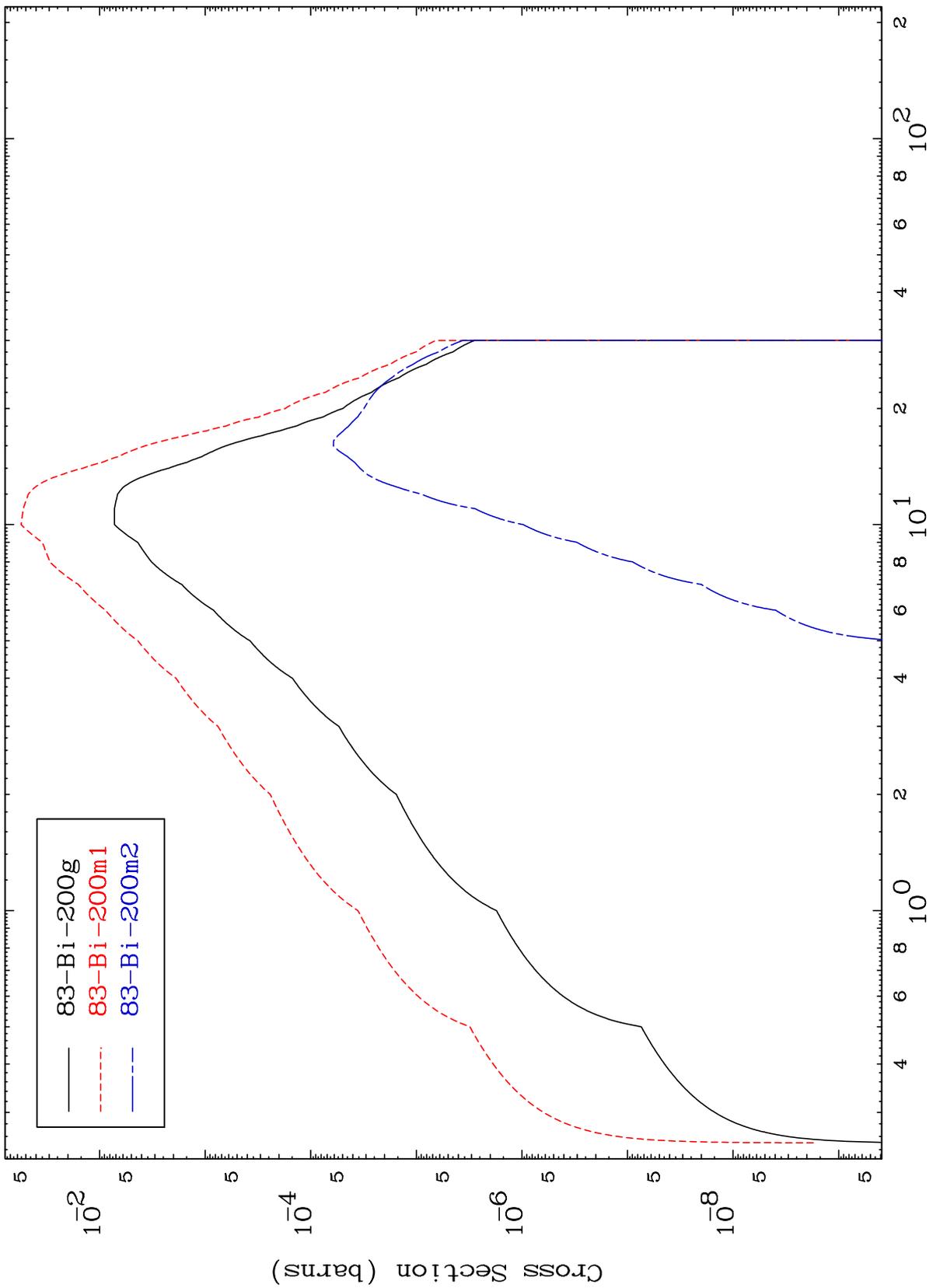
81-Tl-197g
81-Tl-197m2

MAT 8299

⁸³Bi-200m

Radionuclide Production Cross Section

(n,γ)



⁸³Bi-200m

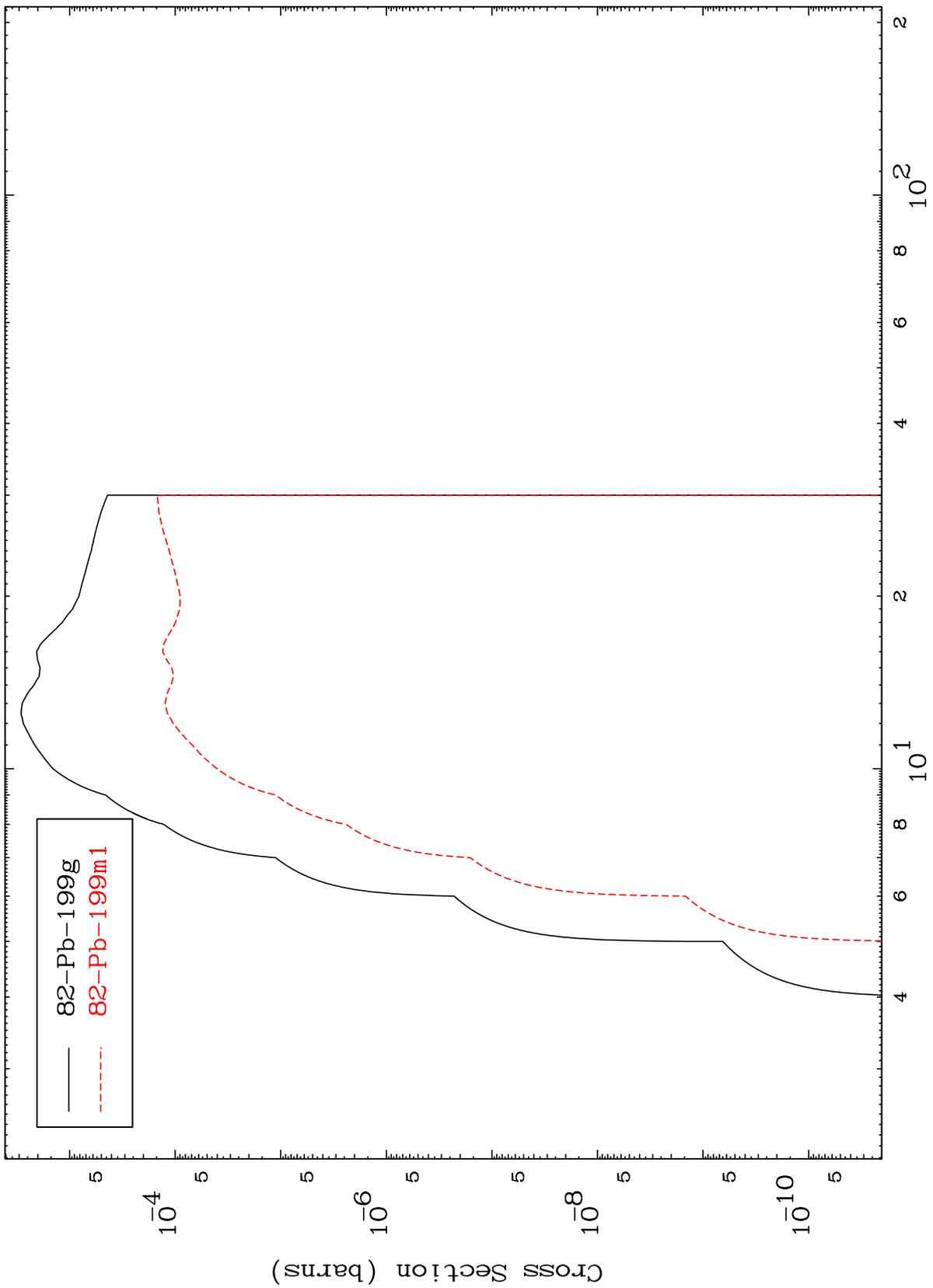
Incident Energy (MeV)

22

MAT 8299

83-Bi-200m

(n,p)
Radionuclide Production Cross Section



23

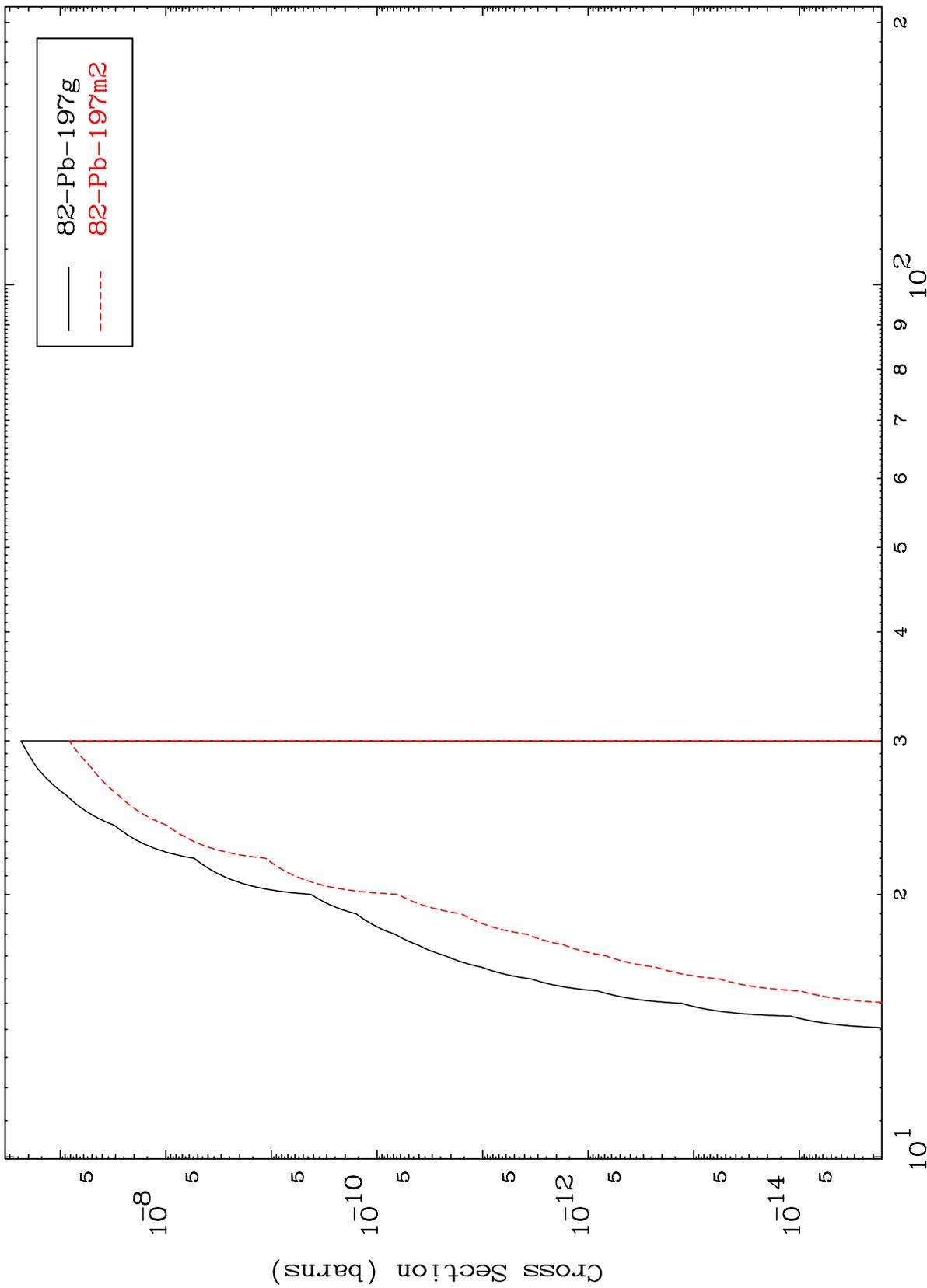
83-Bi-200m

Incident Energy (MeV)

MAT 8299

83-Bi-200m

(n,t)
Radionuclide Production Cross Section



83-Bi-200m

Incident Energy (MeV)

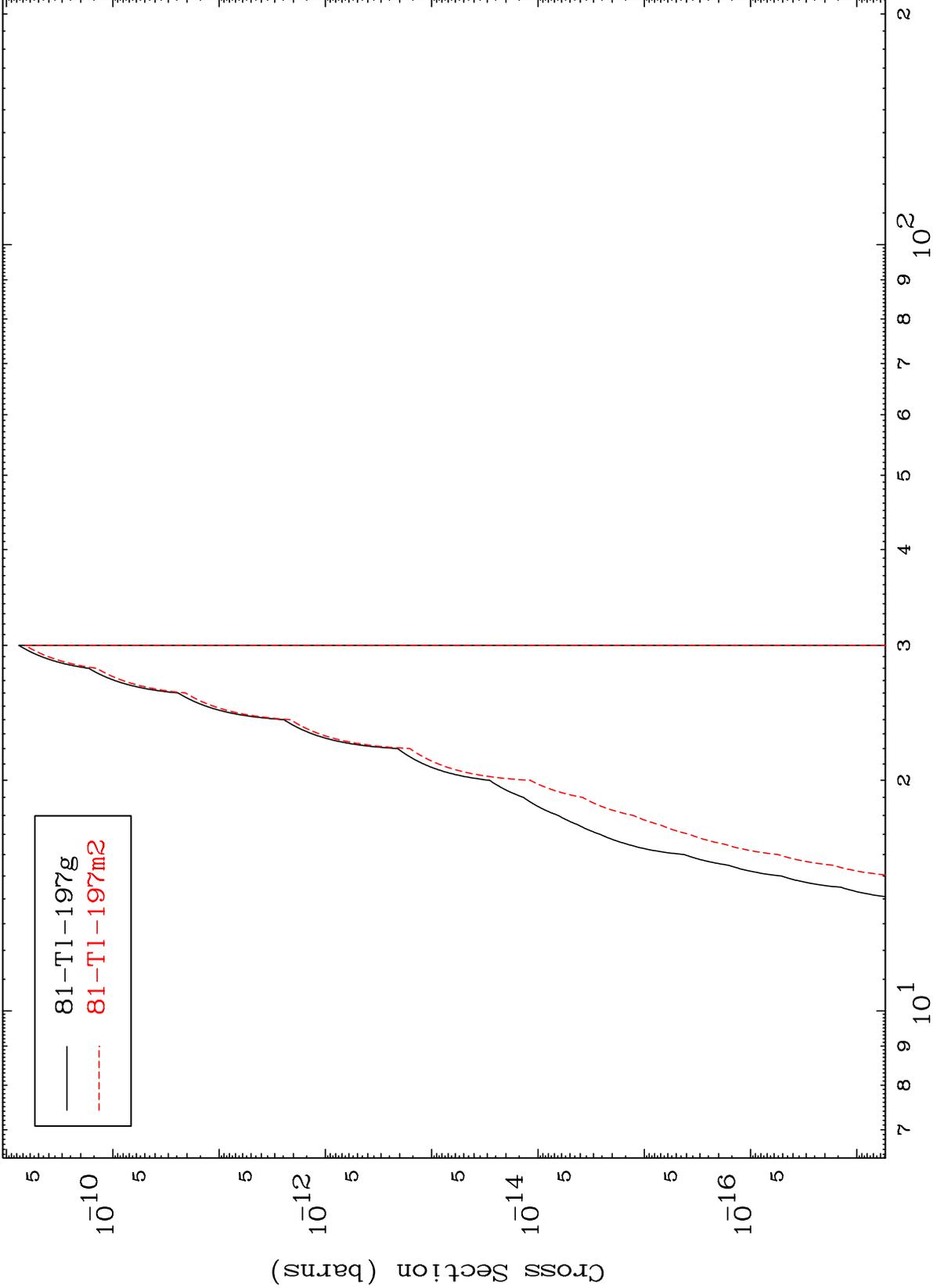
24

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(n,He-3)

83-Bi-200m

Radionuclide Production Cross Section



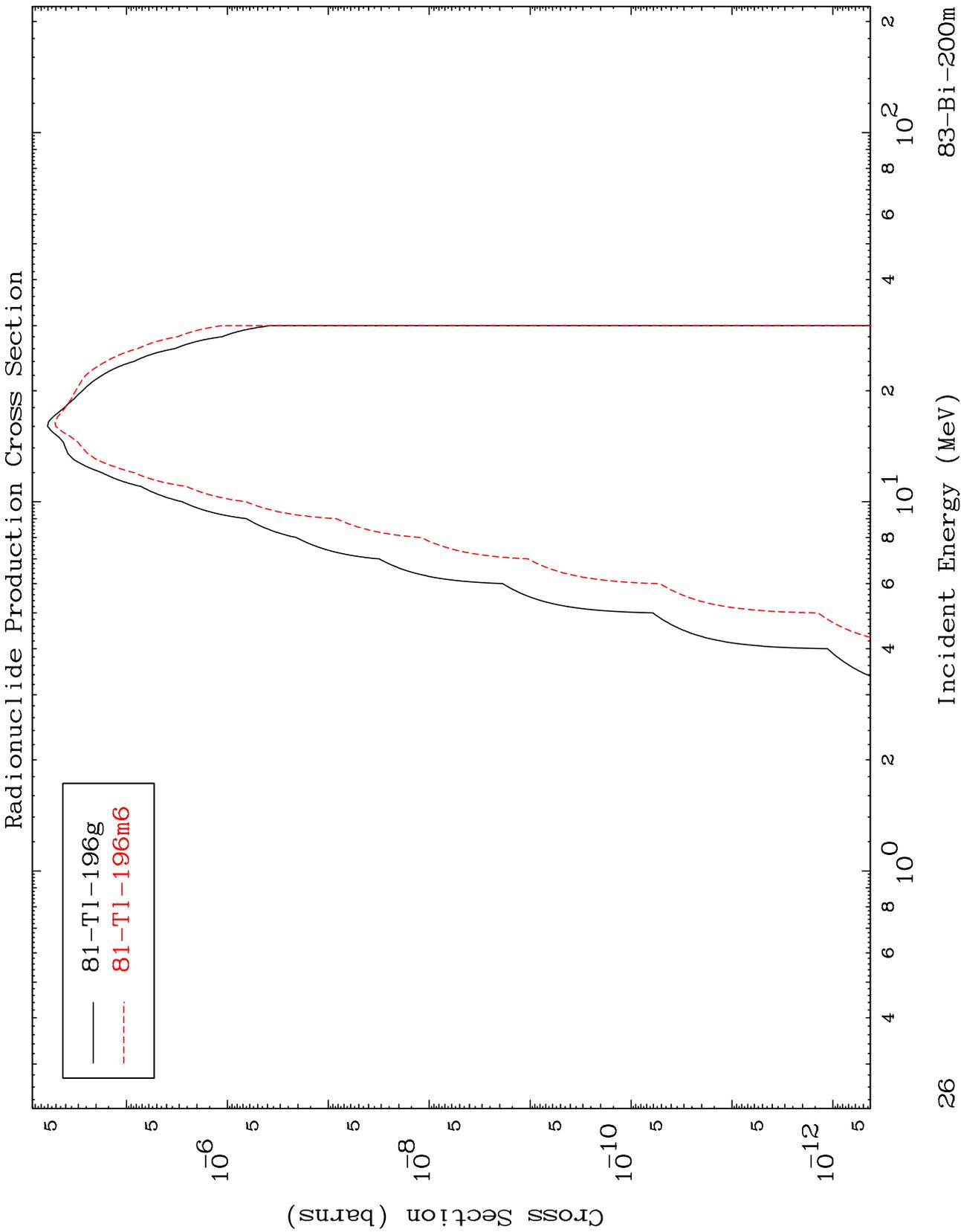
25

Incident Energy (MeV)

83-Bi-200m

MAT 8299

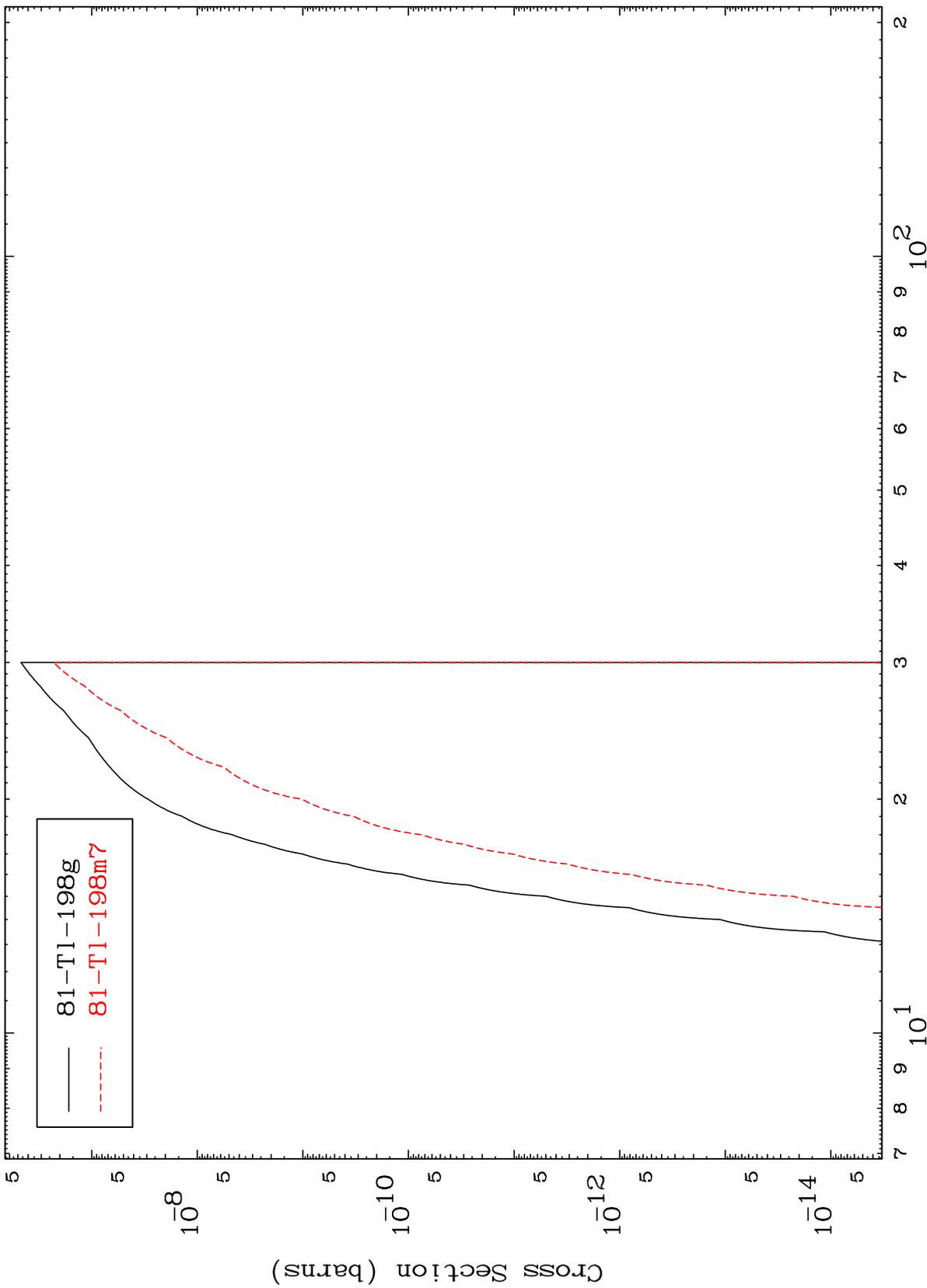
⁸³Bi-200m



MAT 8299

$^{83}\text{Bi}-200\text{m}$

Radionuclide Production Cross Section
(n,2p)



— $^{81}\text{Tl}-198\text{g}$
- - - $^{81}\text{Tl}-198\text{m}7$

27

$^{83}\text{Bi}-200\text{m}$

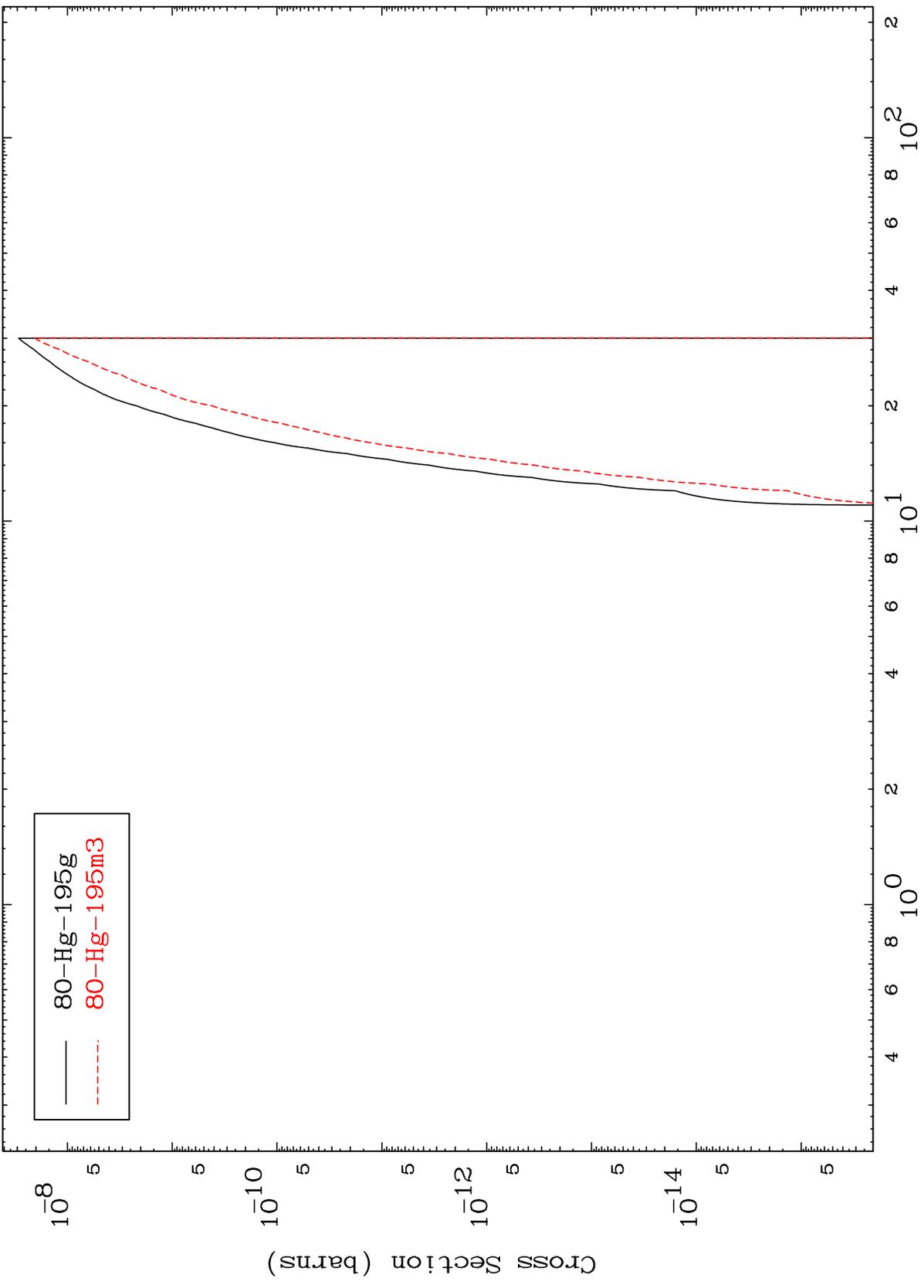
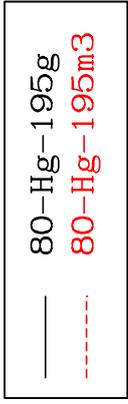
Incident Energy (MeV)

MAT 8299

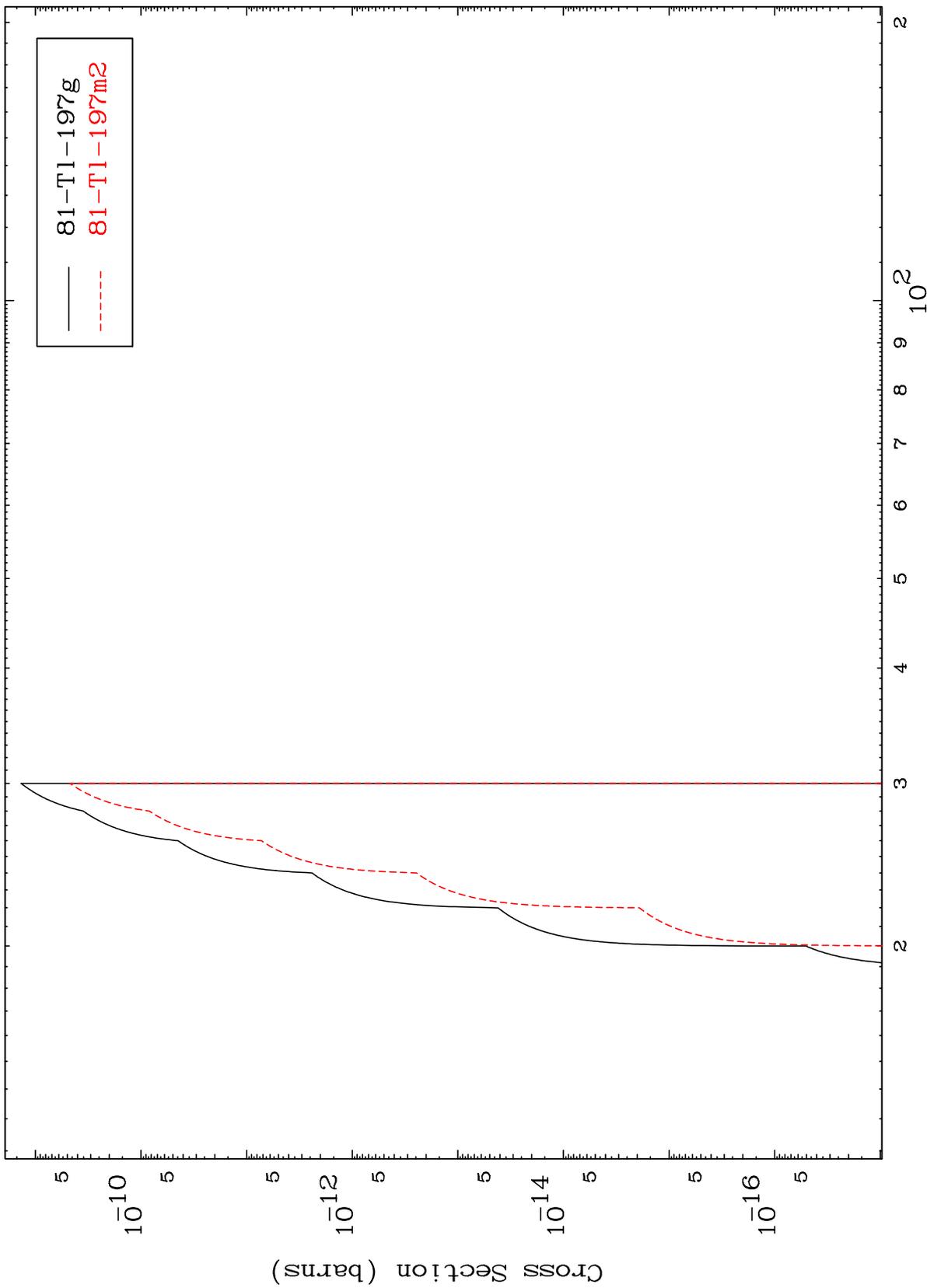
(n,p) α

^{83}Bi -200m

Radionuclide Production Cross Section



Radionuclide Production Cross Section



81-Tl-197g
81-Tl-197m2