

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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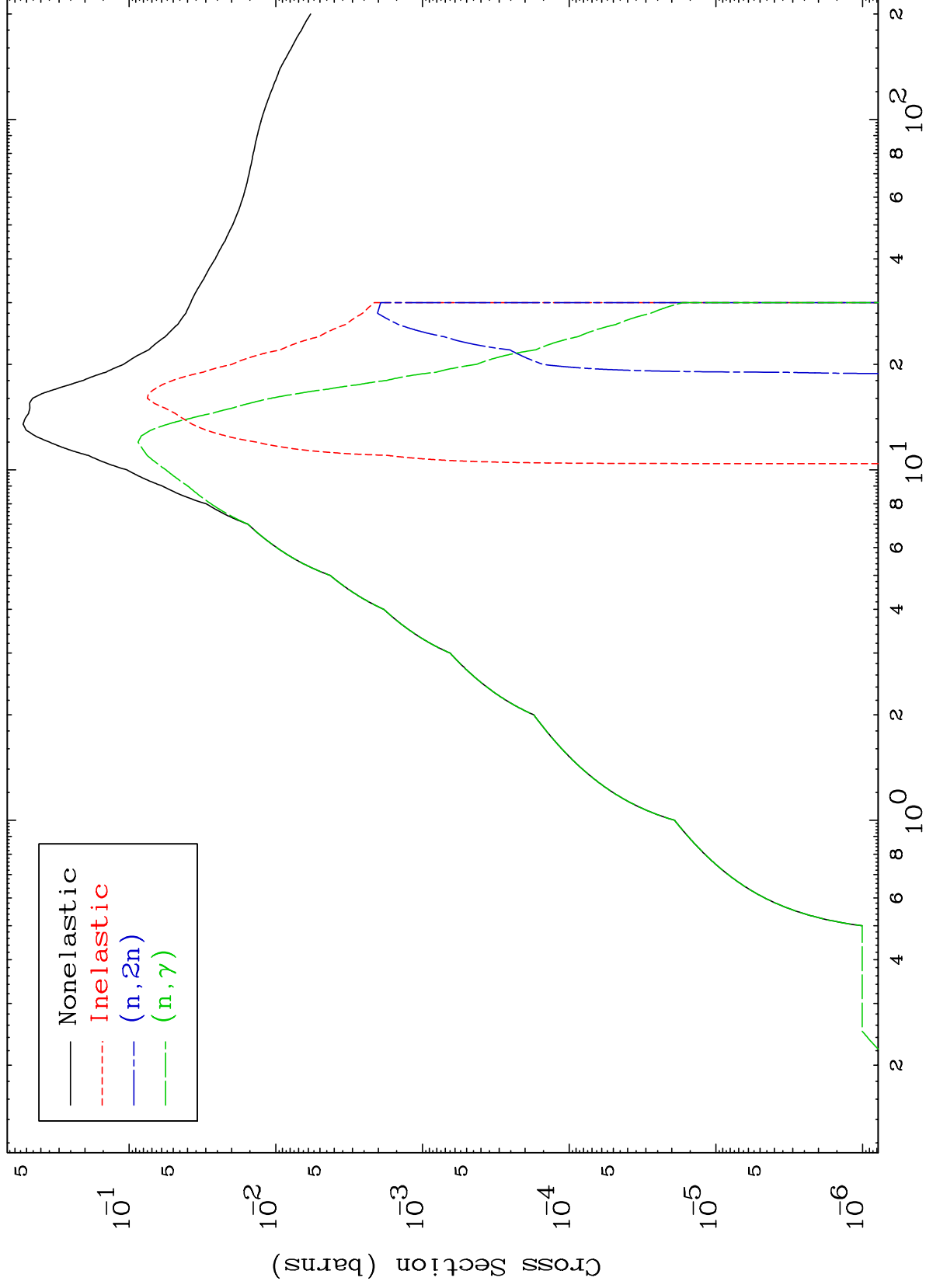
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8277

Photon Major
0 Kelvin Cross Sections

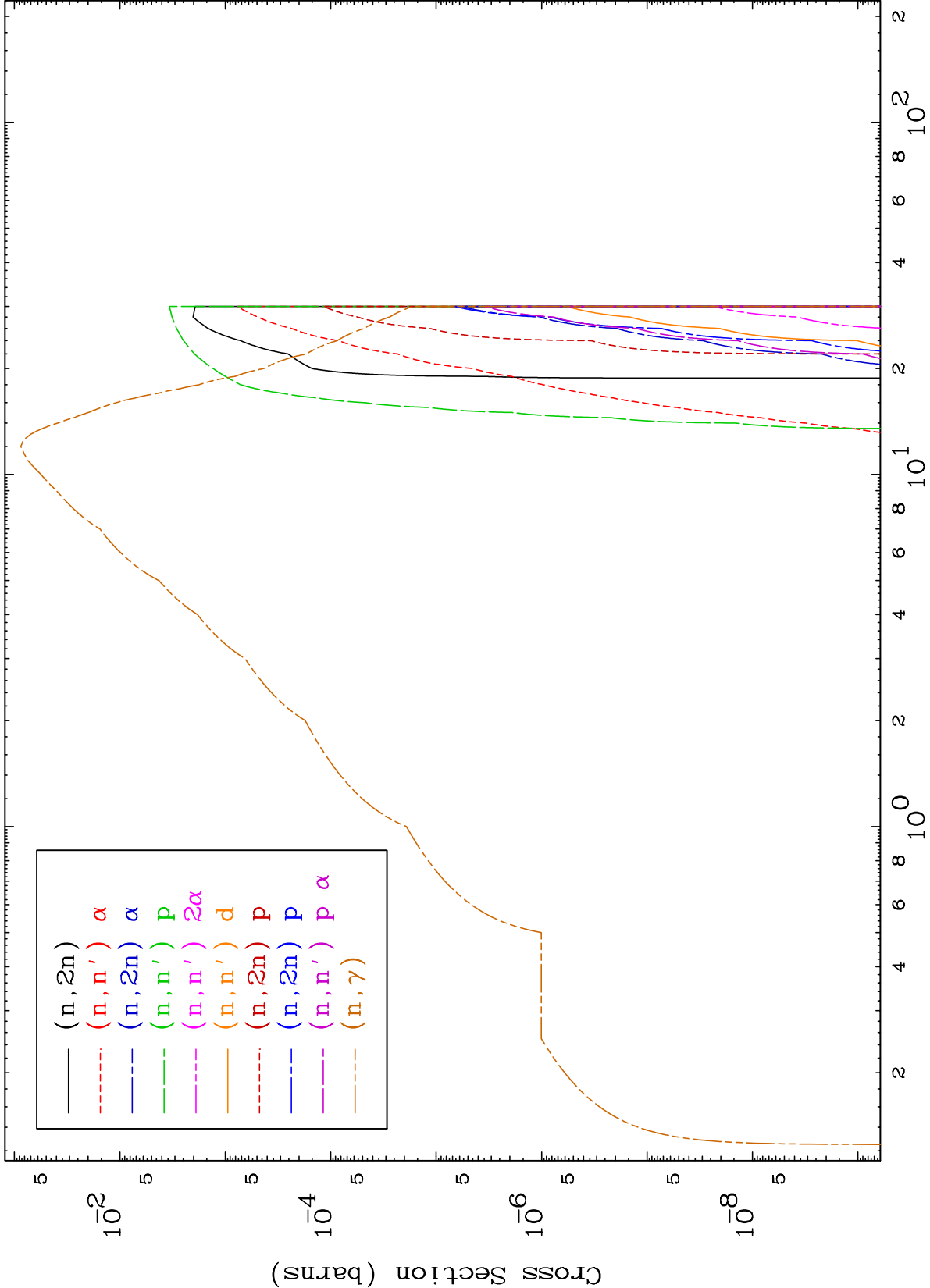
83-Bi-193

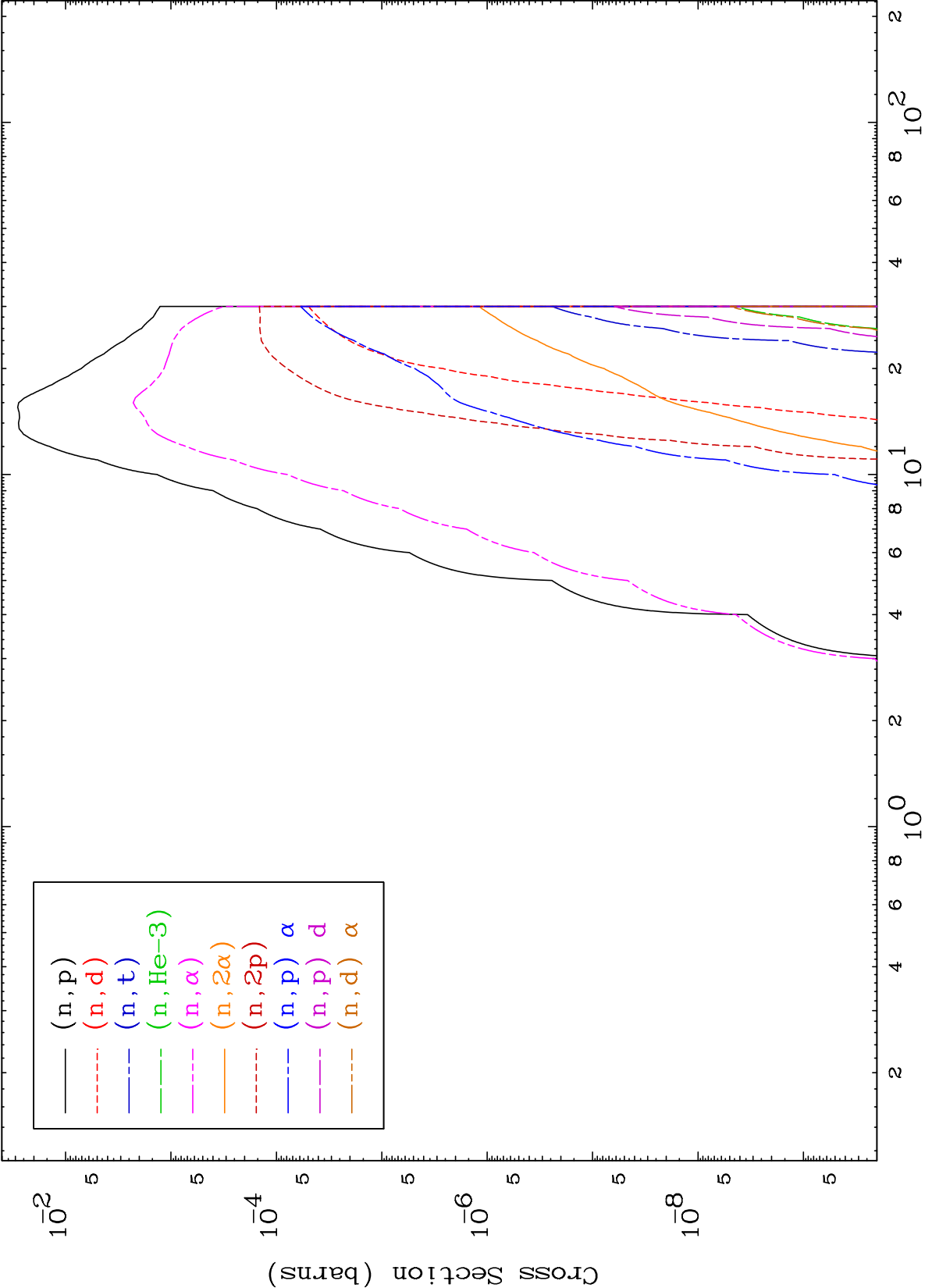


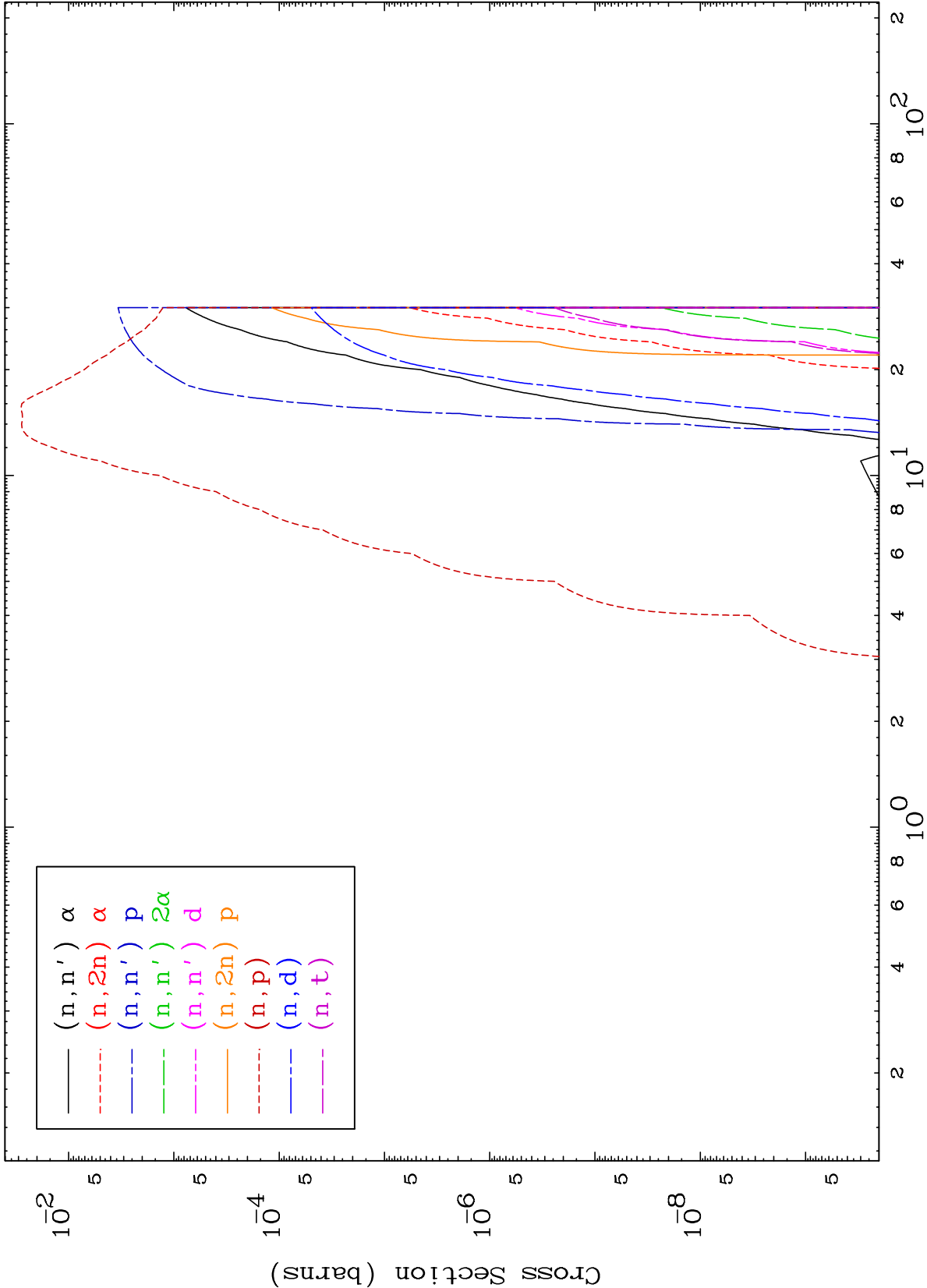
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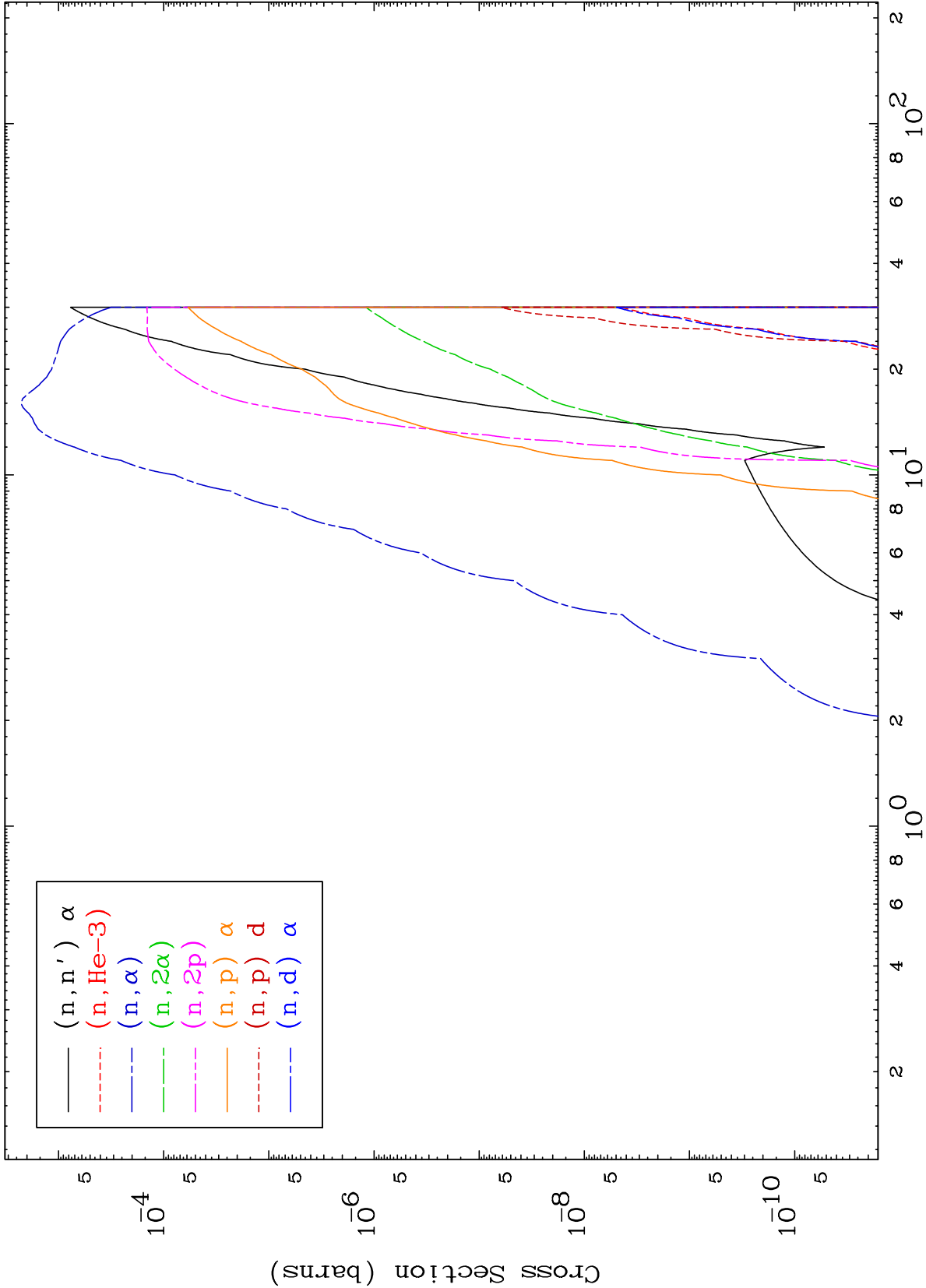
Incident Energy (MeV)

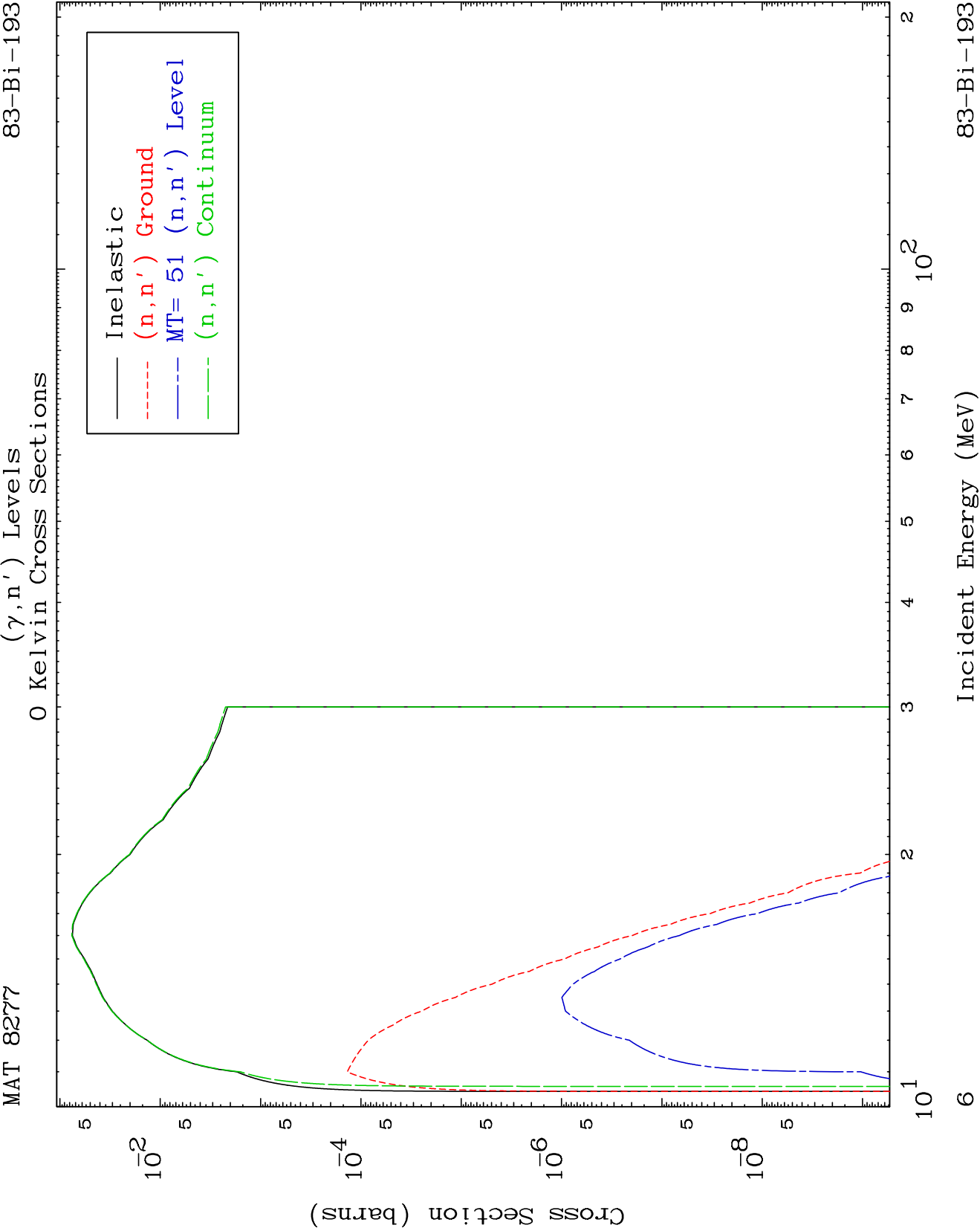
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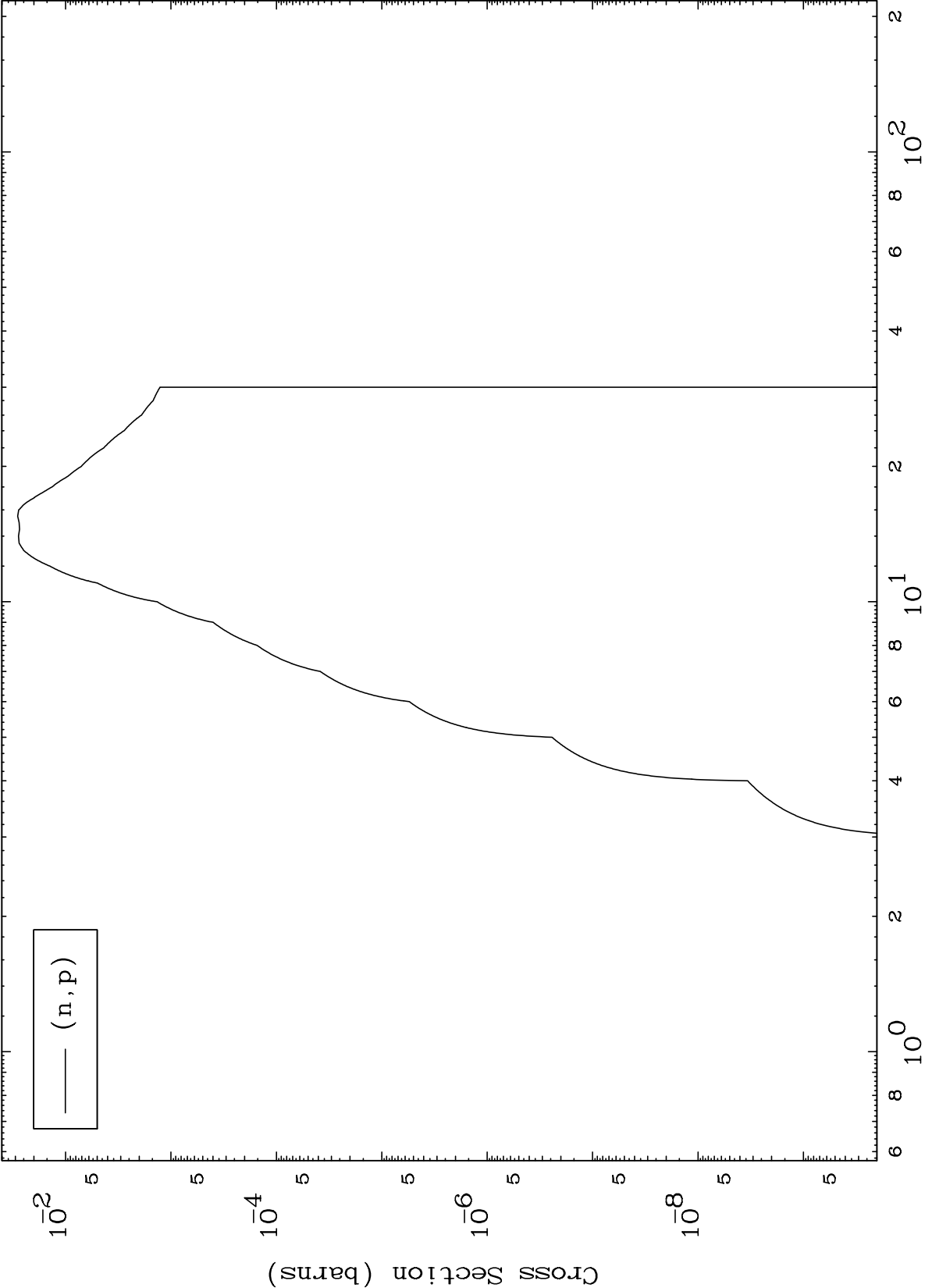




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83-Bi-193

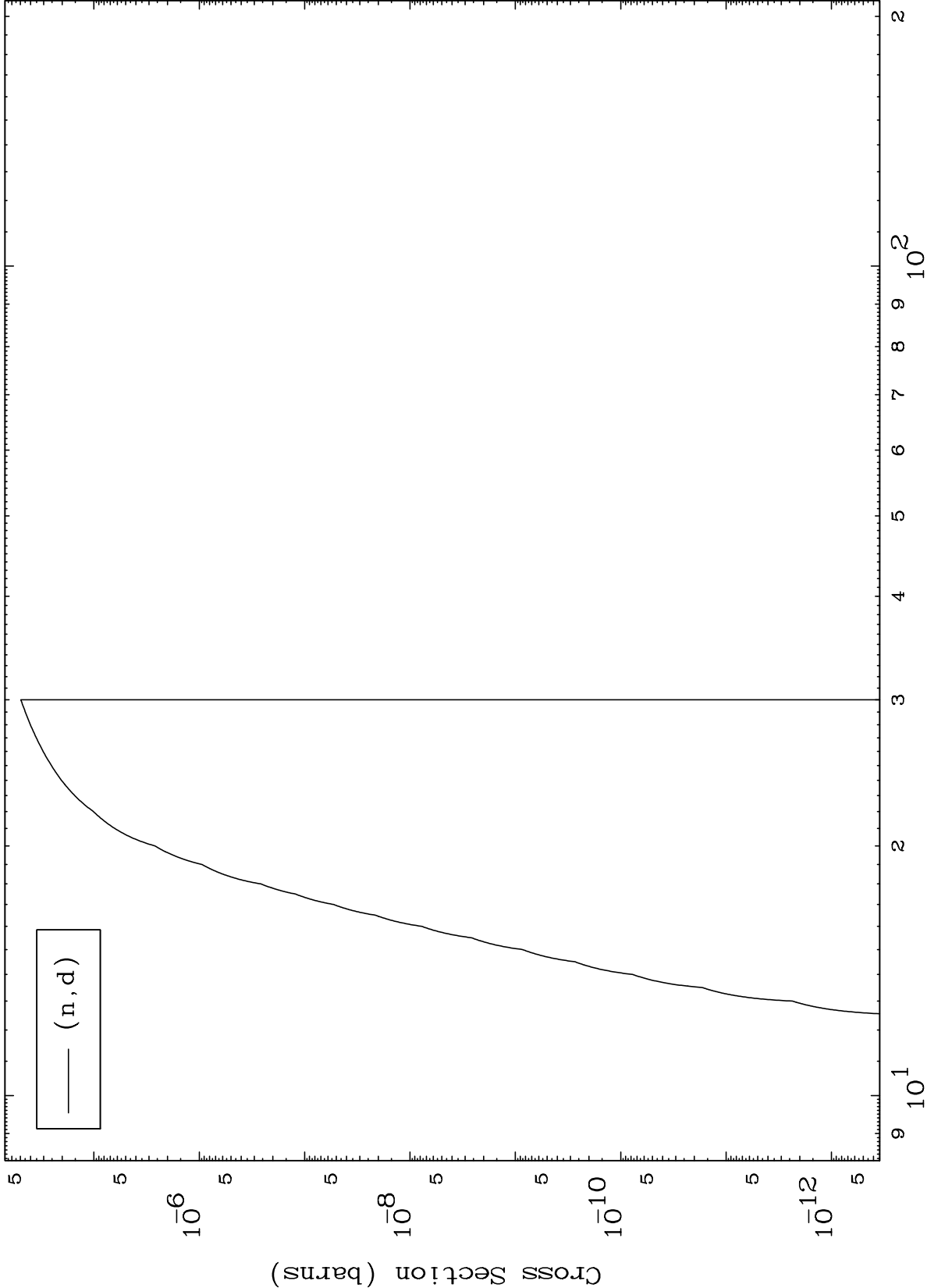
(γ, p) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-193

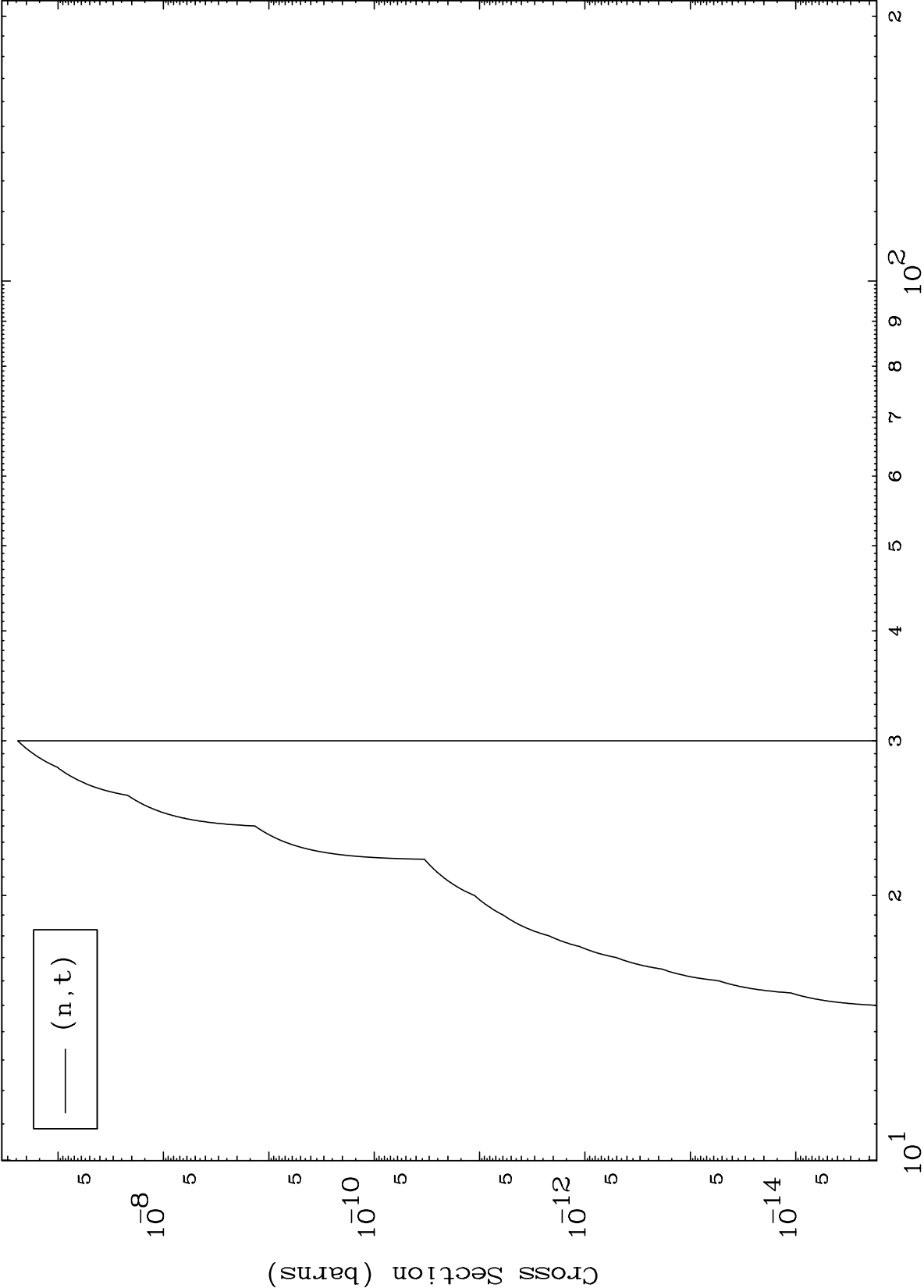
(γ, d) Levels
0 Kelvin Cross Sections



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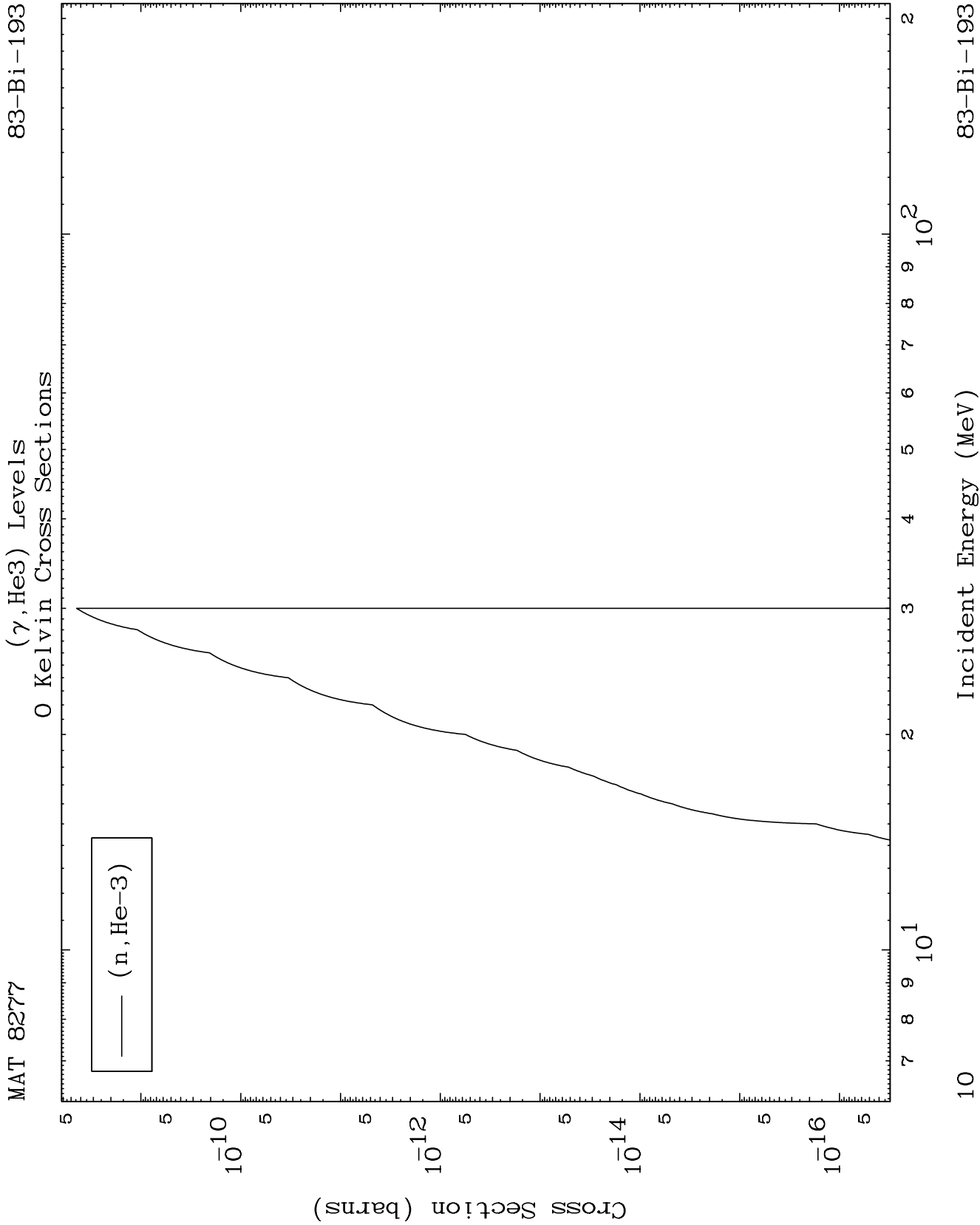
(γ, t) Levels
0 Kelvin Cross Sections

83-Bi-193

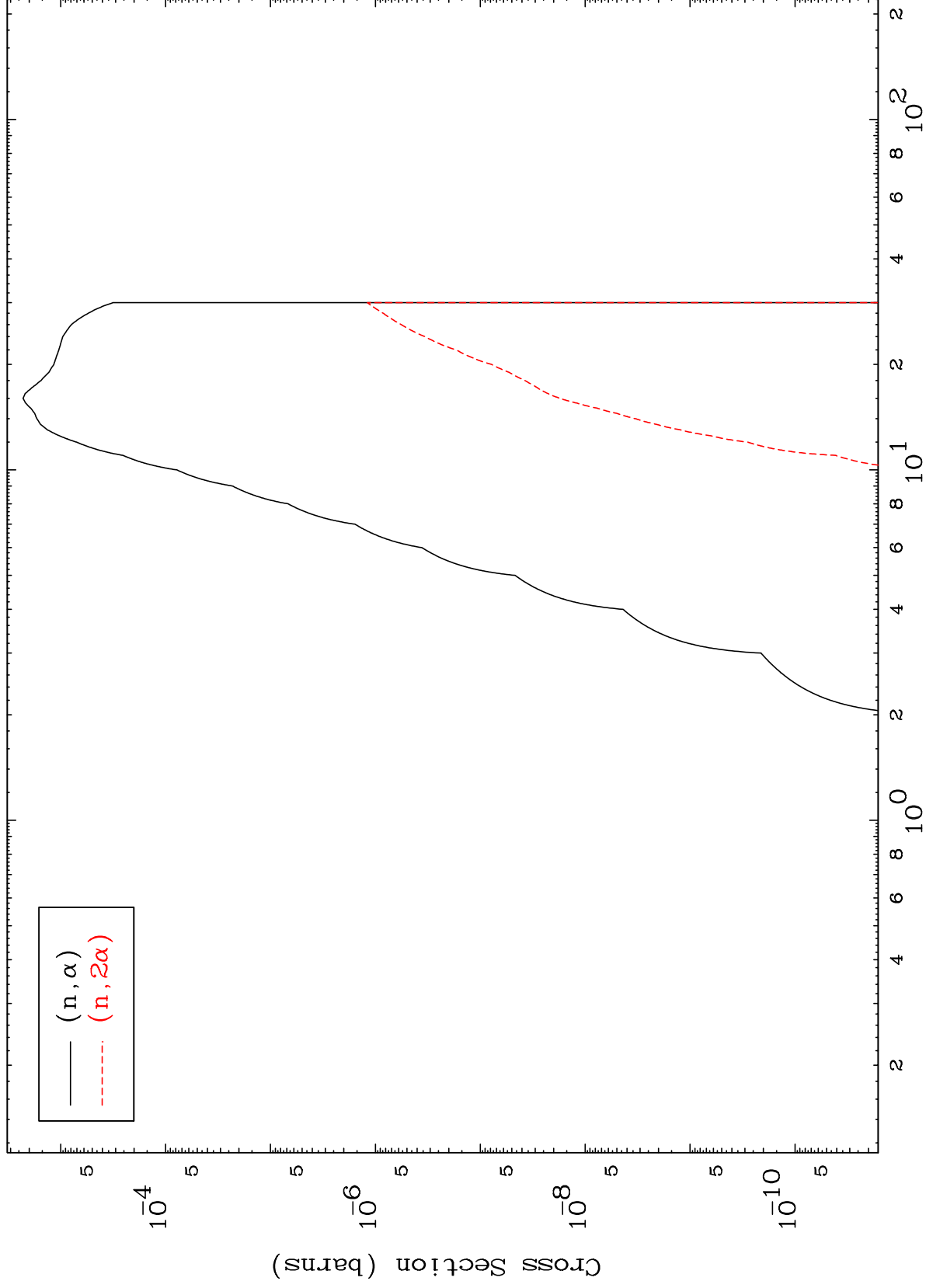


Incident Energy (MeV)

83-Bi-193



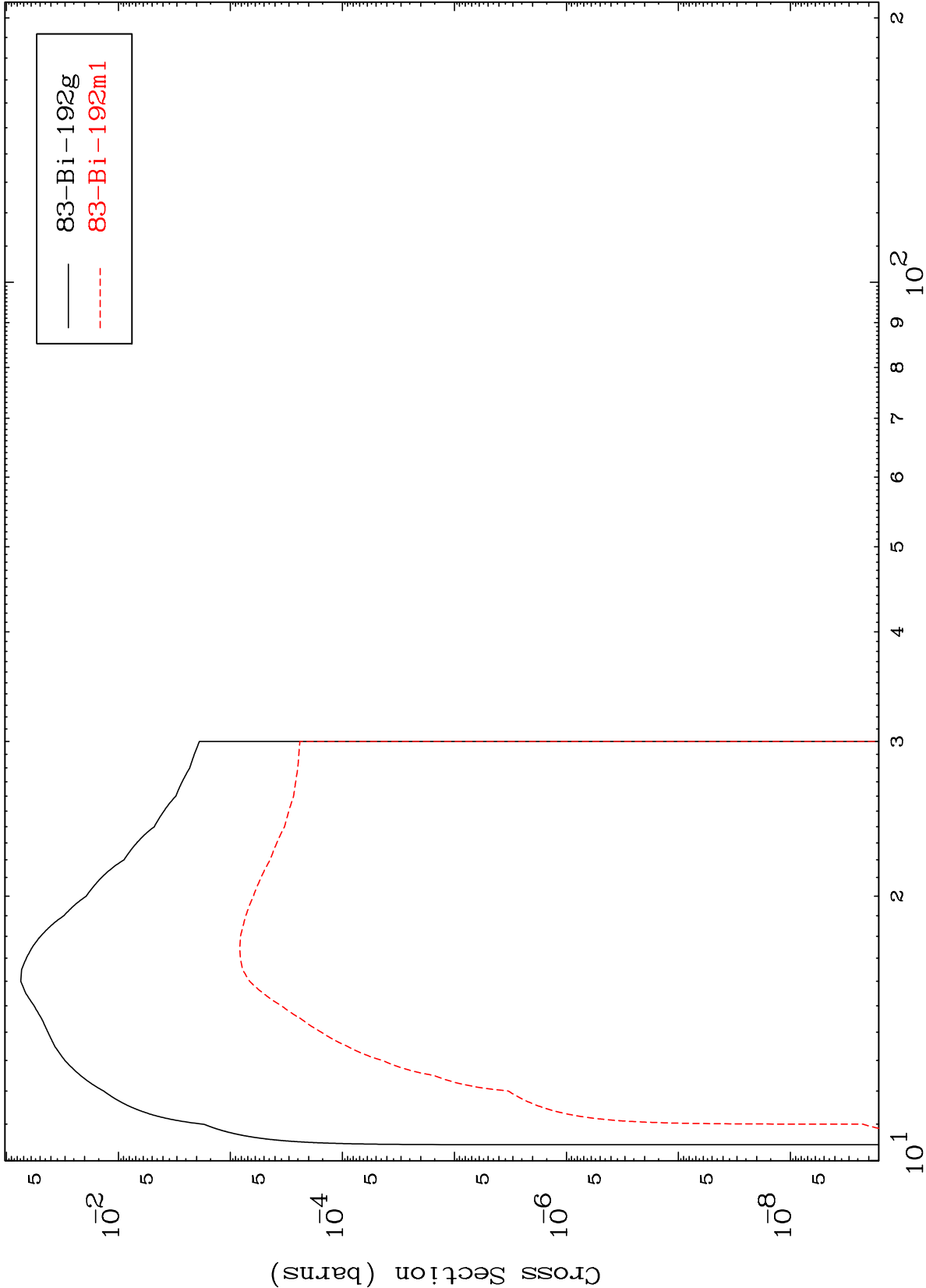
(γ, α) Levels
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section



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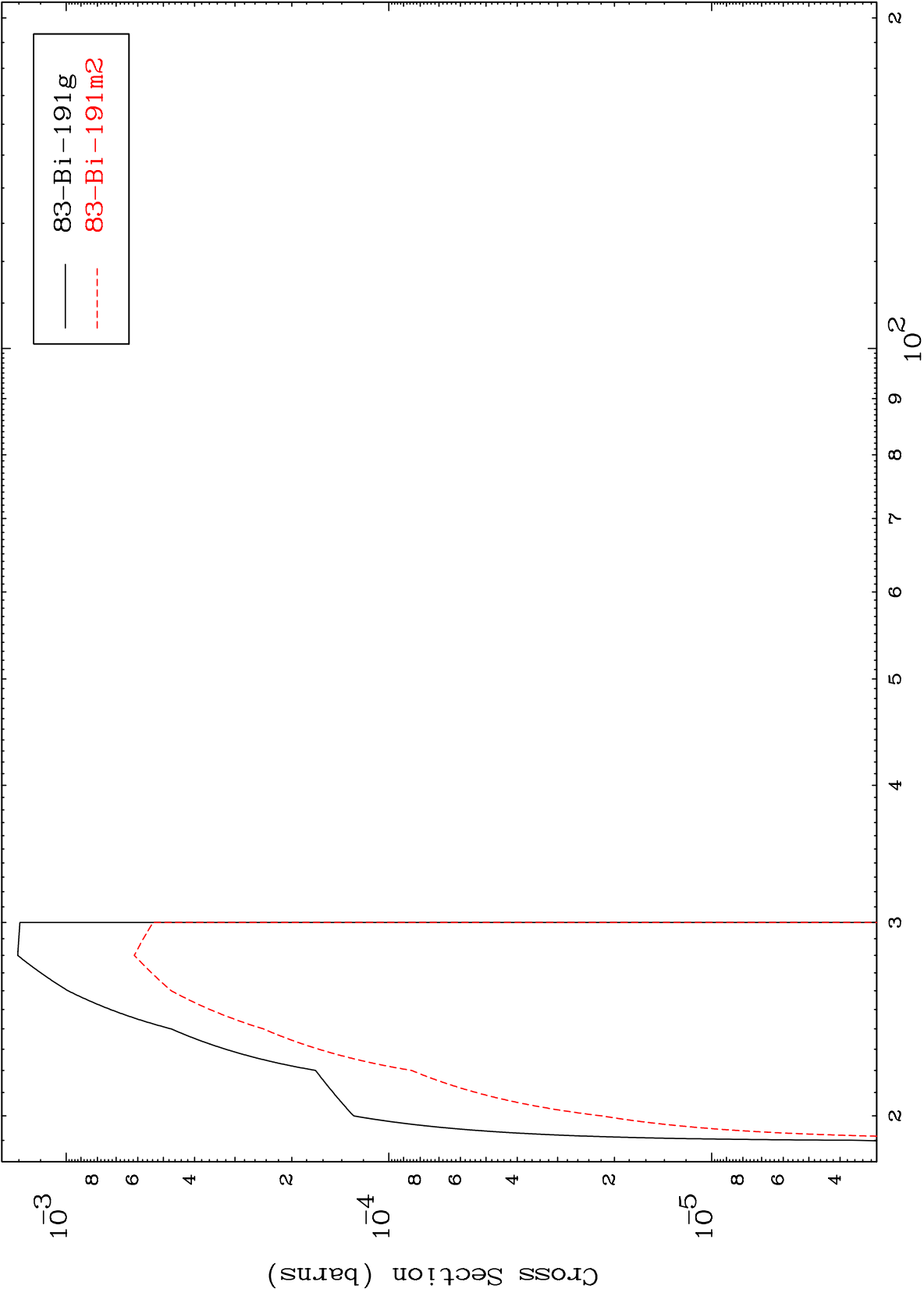
Incident Energy (MeV)

12

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(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

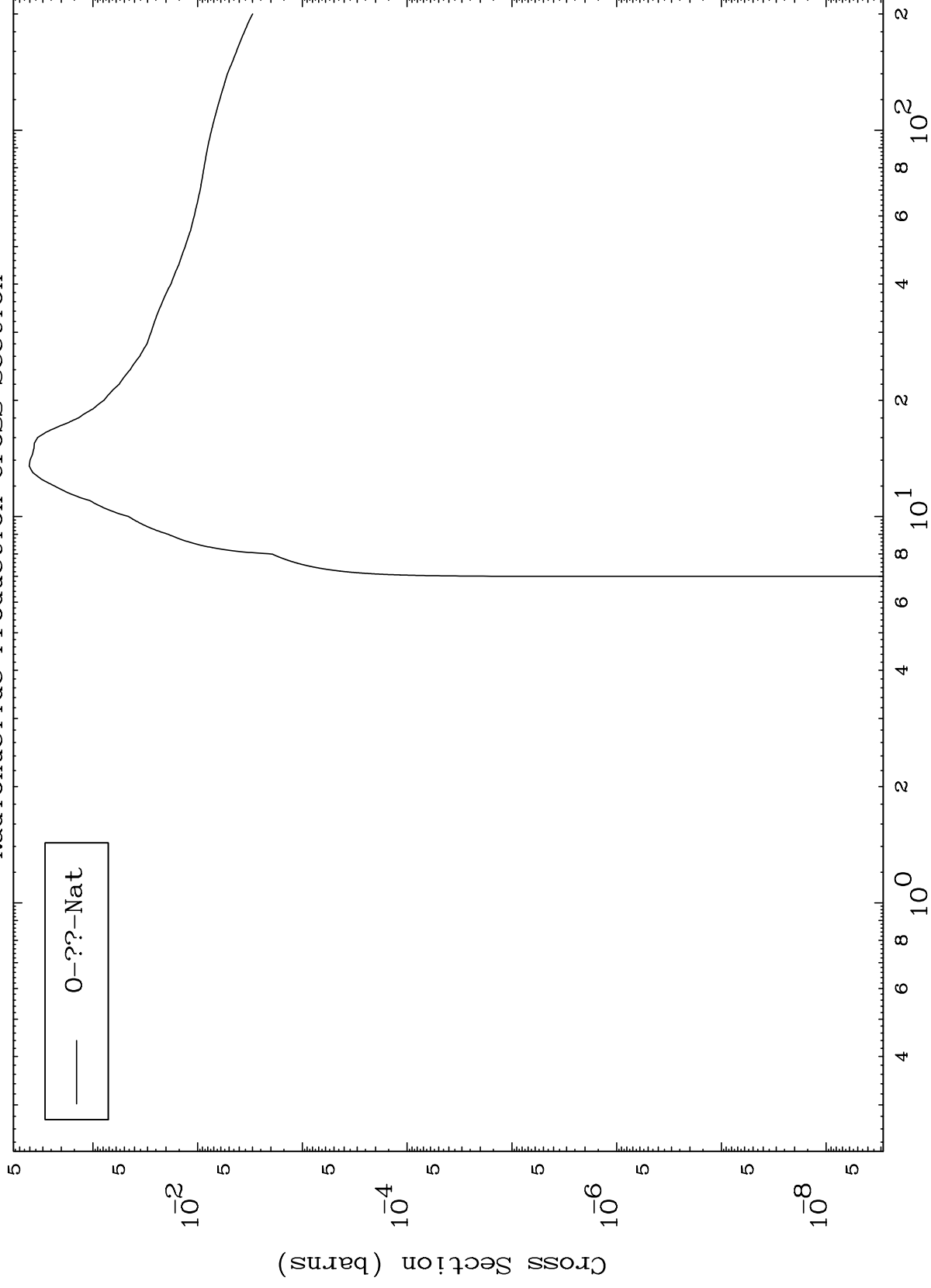
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Fission

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Radionuclide Production Cross Section



14

Incident Energy (MeV)

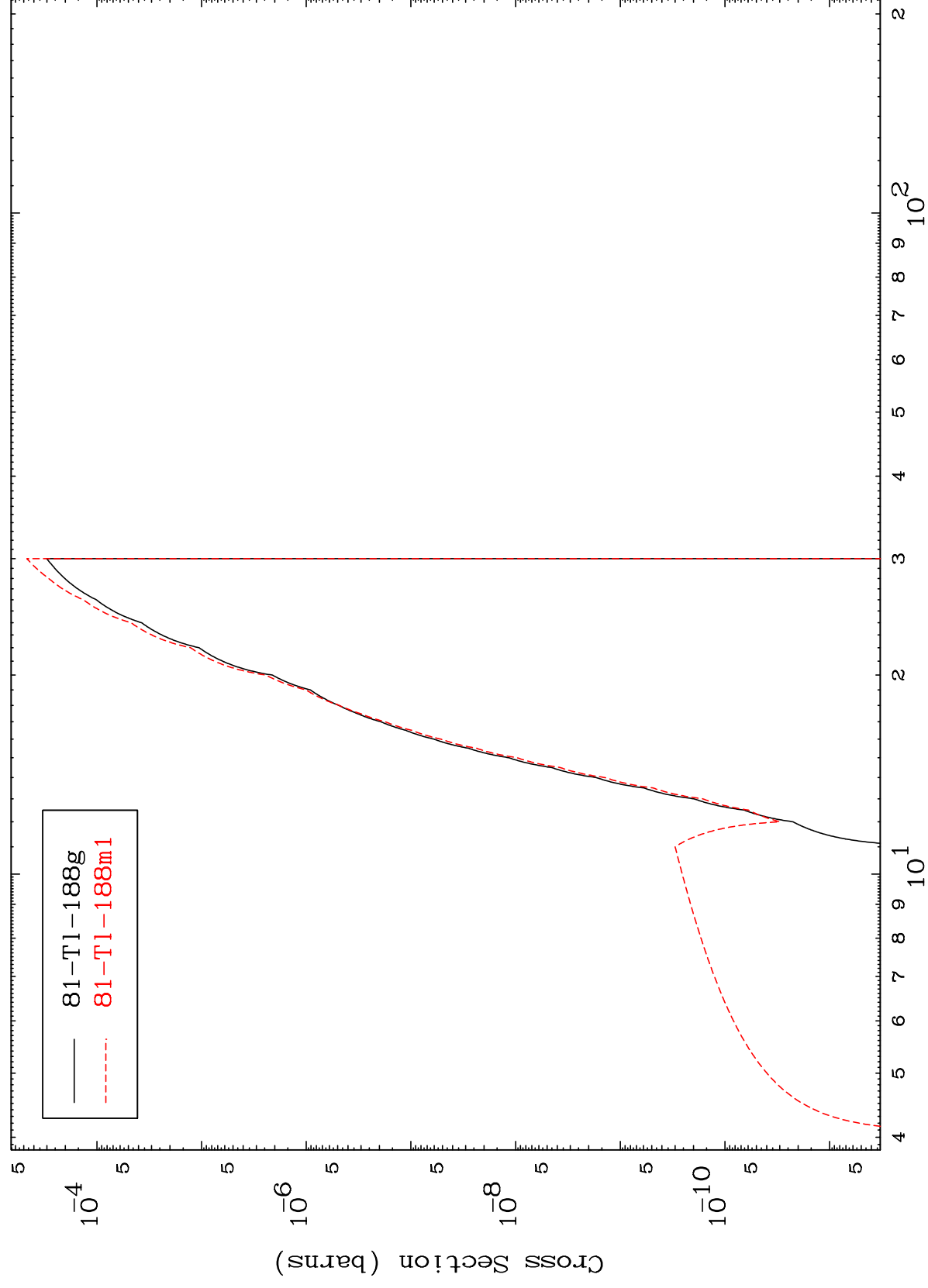
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$$(n, n') \propto$$

Radionuclide Production Cross Section

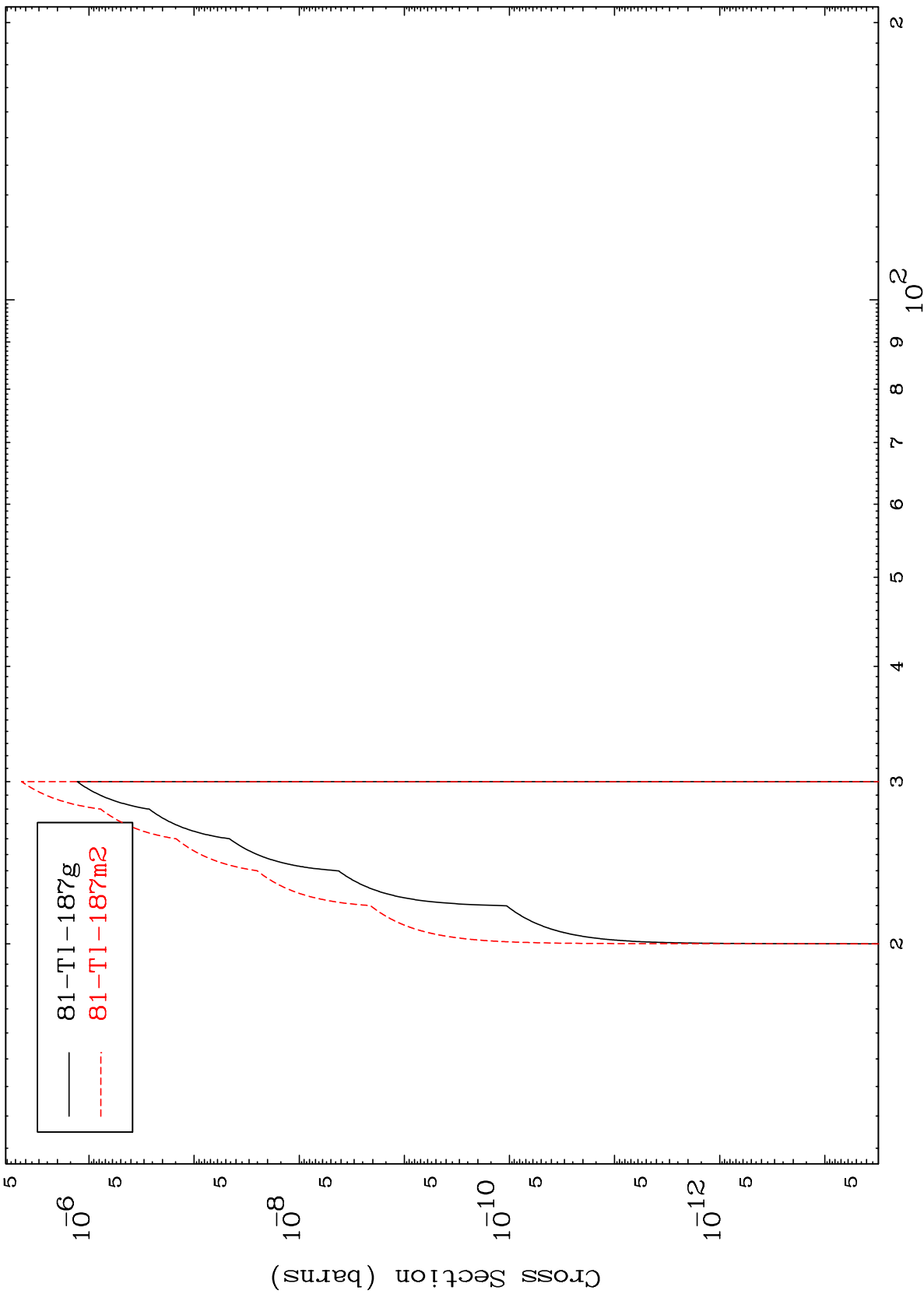


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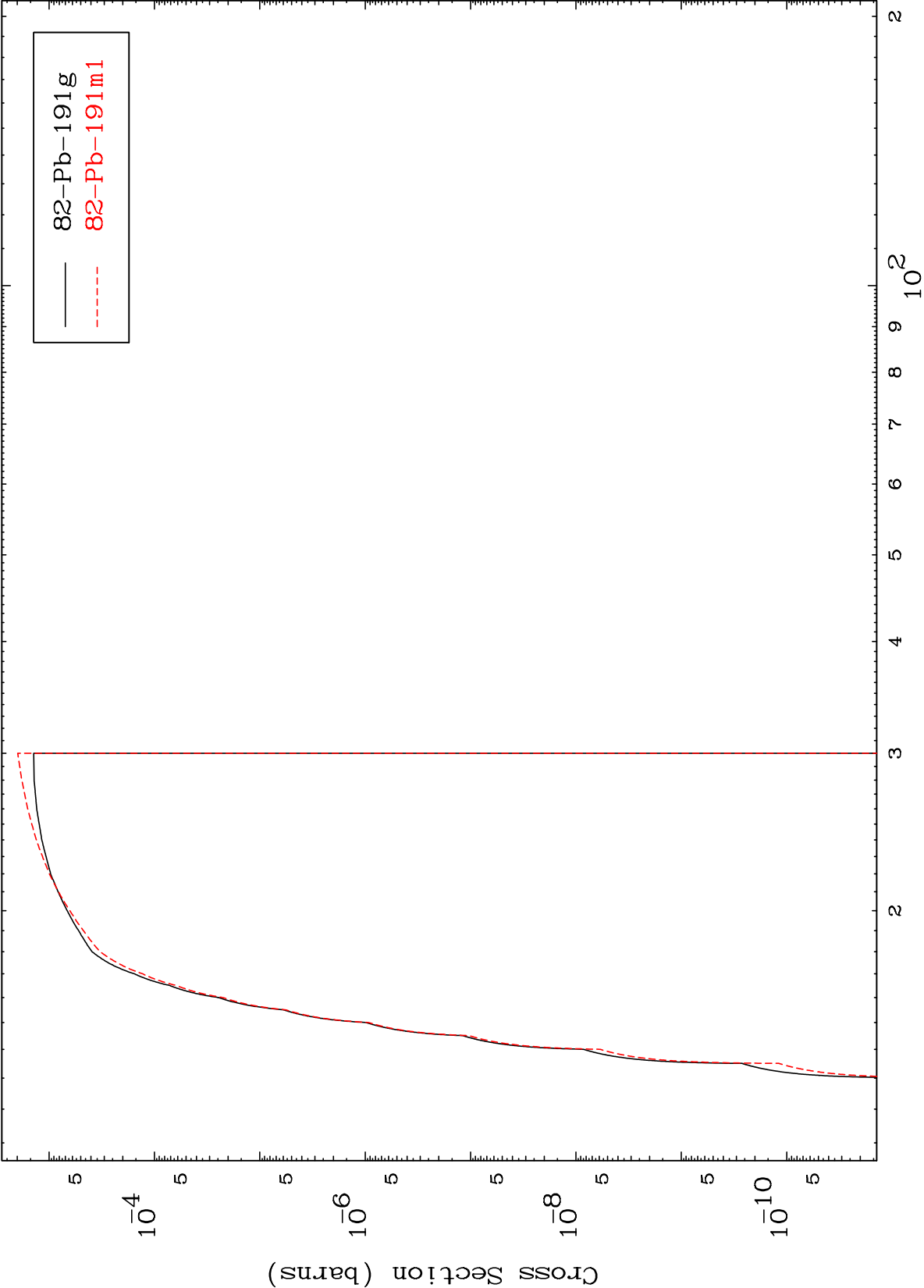
Incident Energy (MeV)

15

Radionuclide Production Cross Section



(n,n') p
Radionuclide Production Cross Section

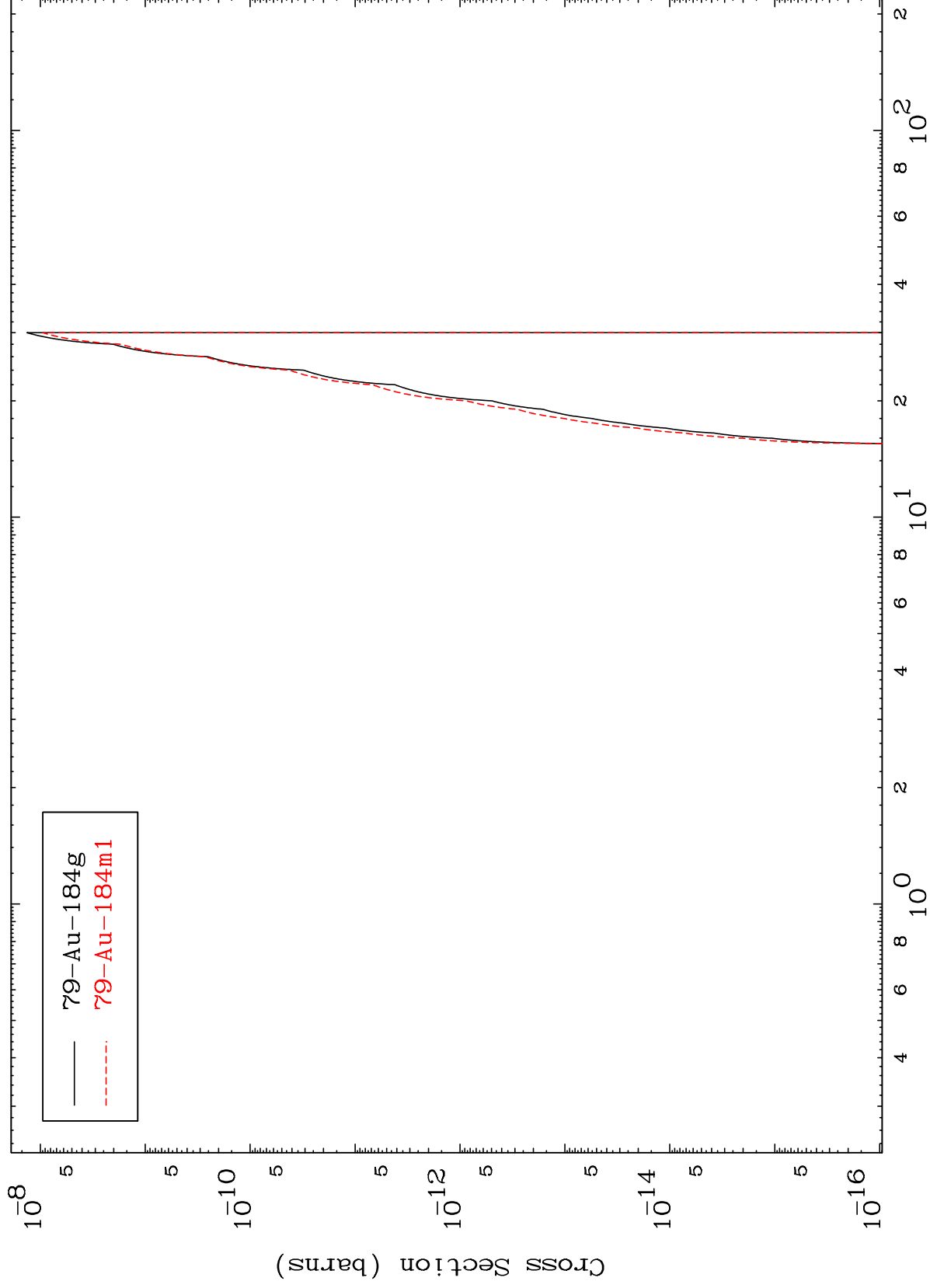


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(n,n') 2 α

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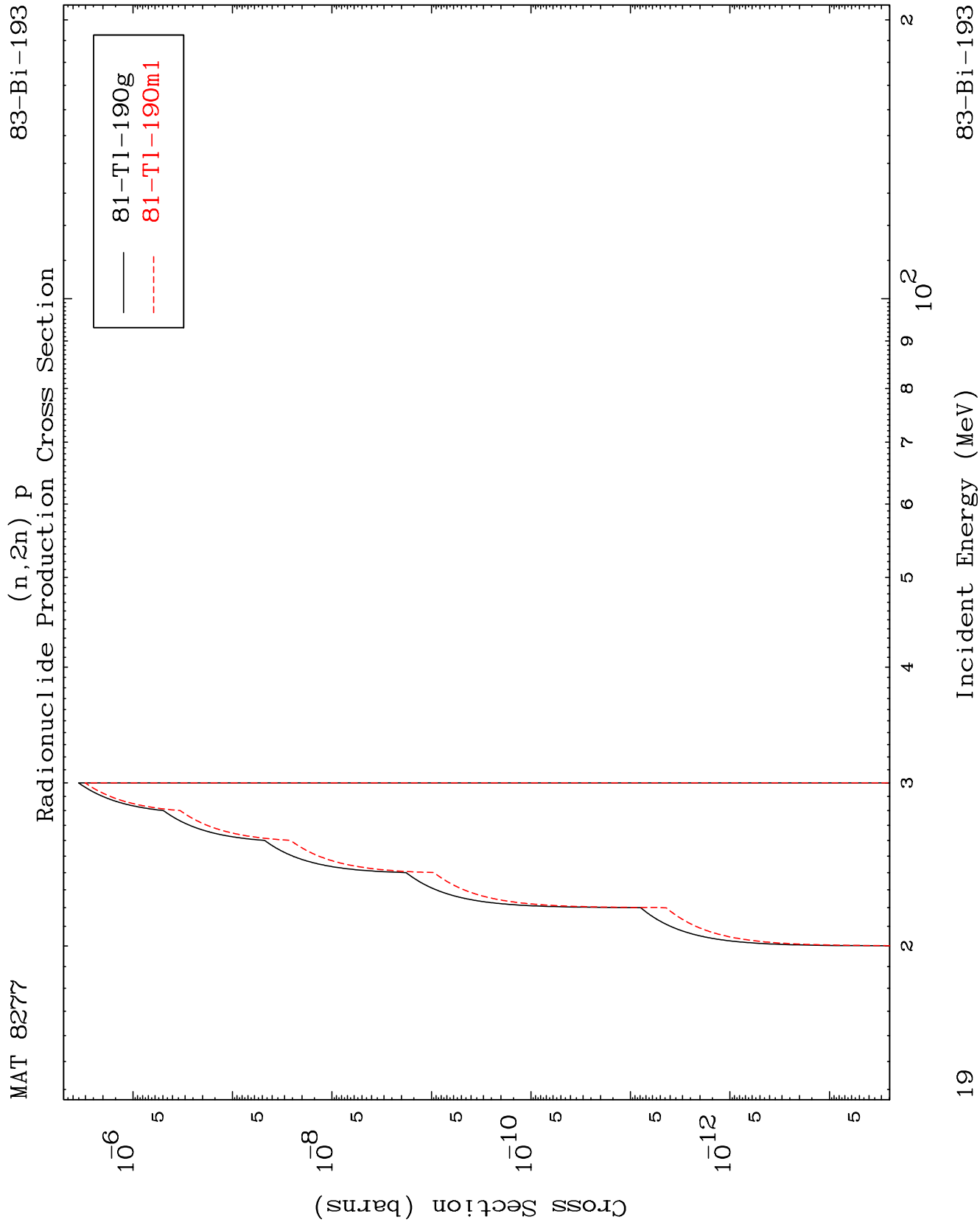
Radionuclide Production Cross Section



18

Incident Energy (MeV)

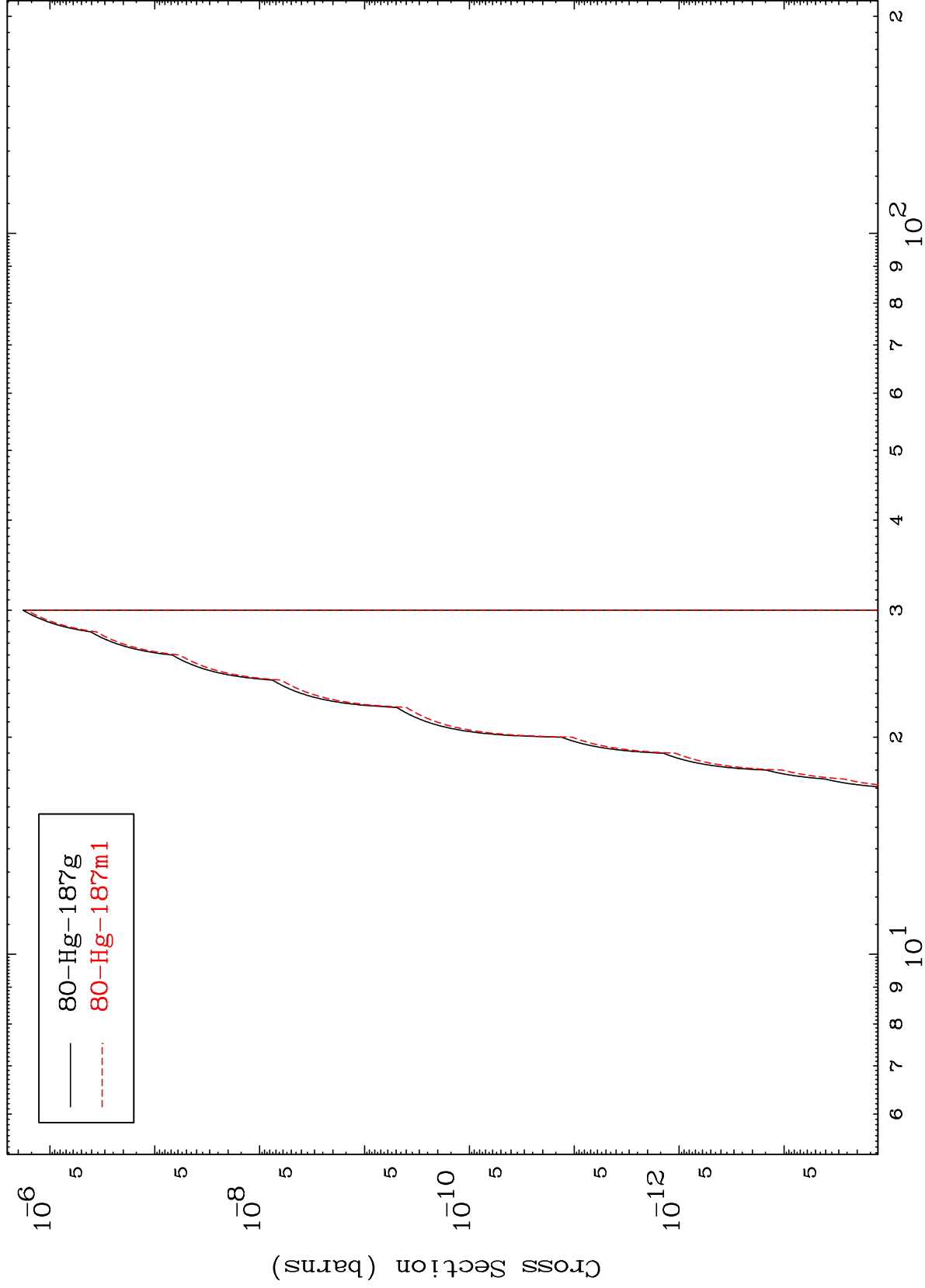
83-Bi-193



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83-Bi-193

(n,n') p α
Radionuclide Production Cross Section

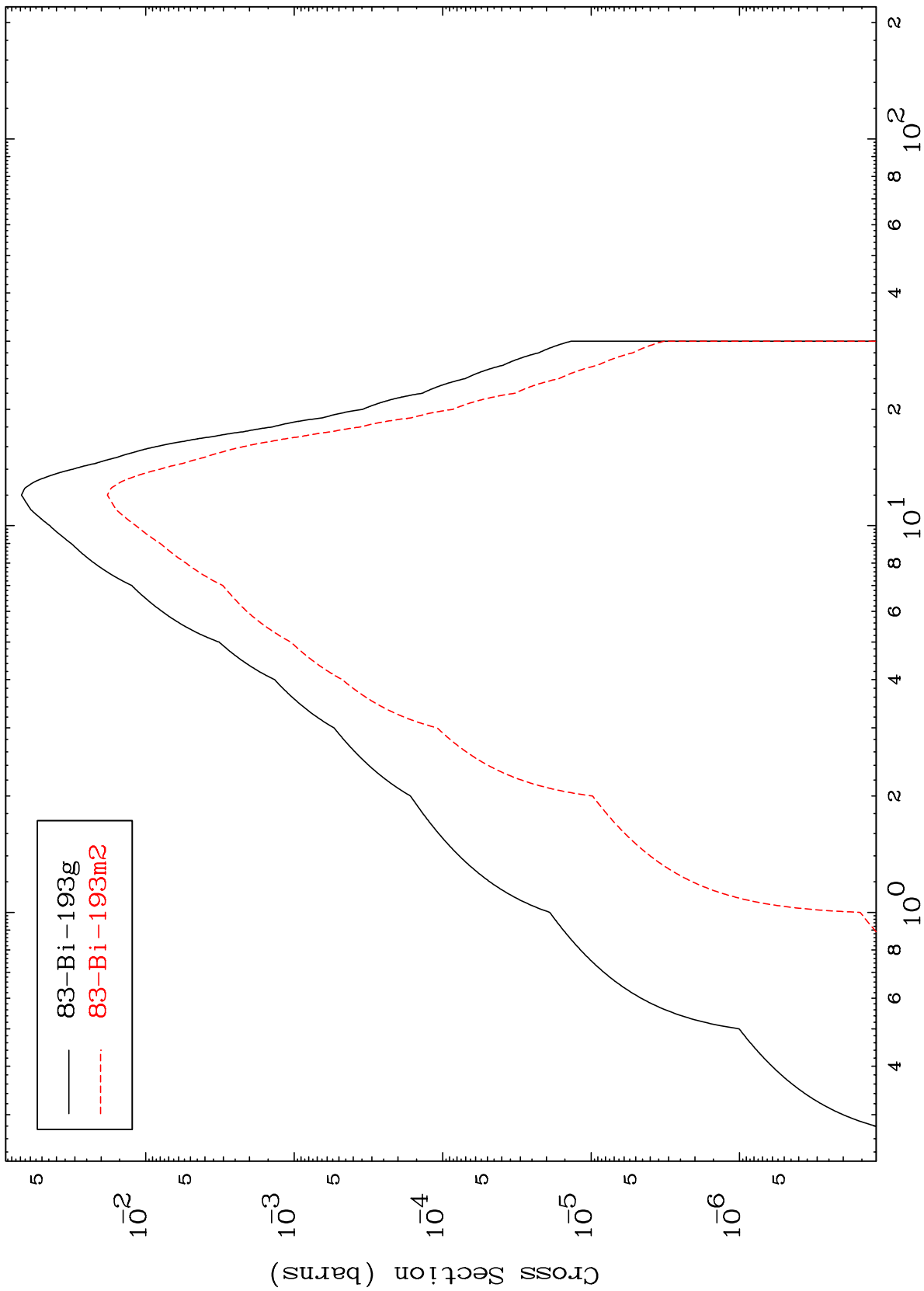


20

Incident Energy (MeV)

83-Bi-193

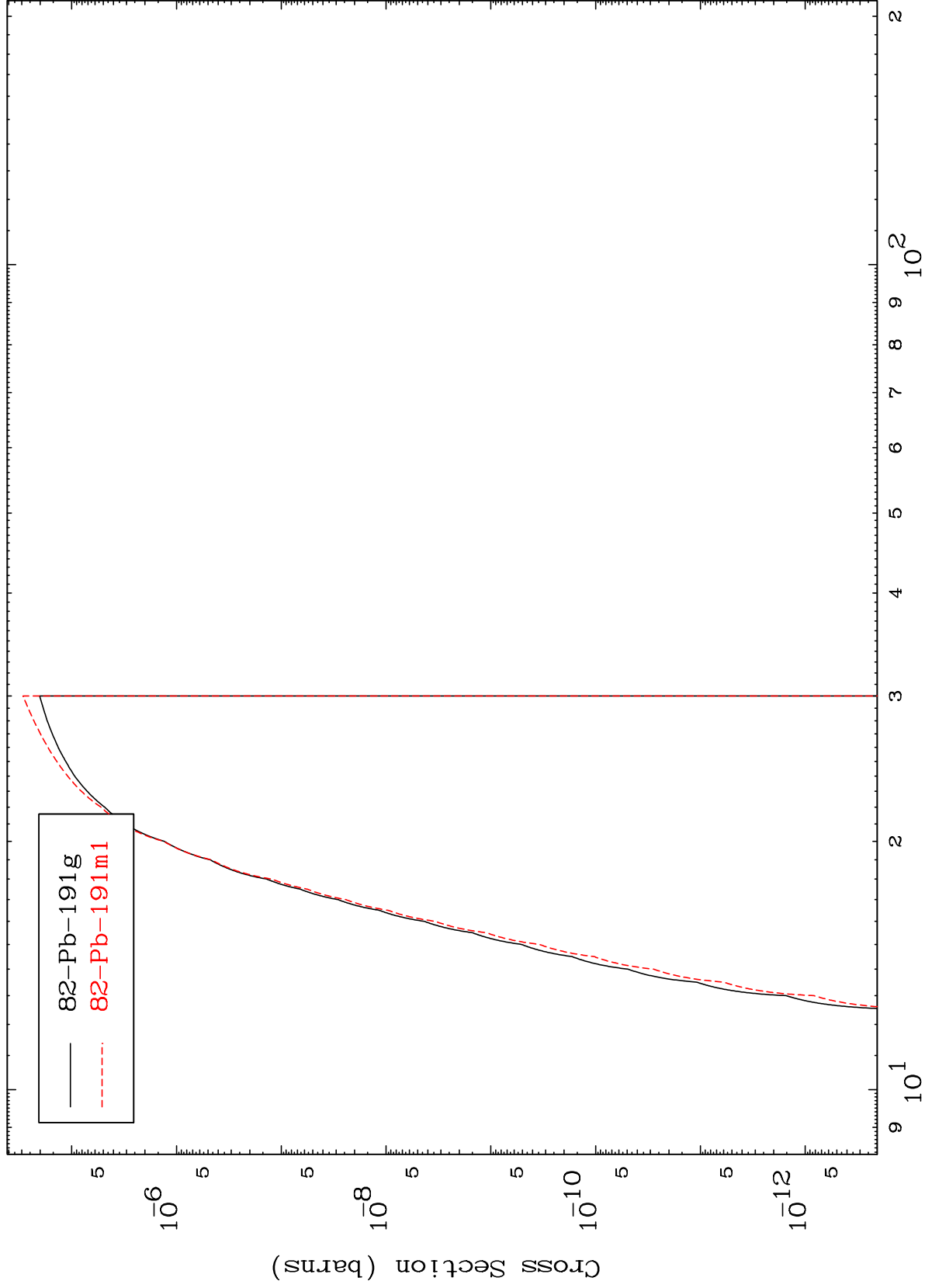
Radionuclide Production Cross Section
(n, γ)



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Radionuclide Production Cross Section
(n,d)



22

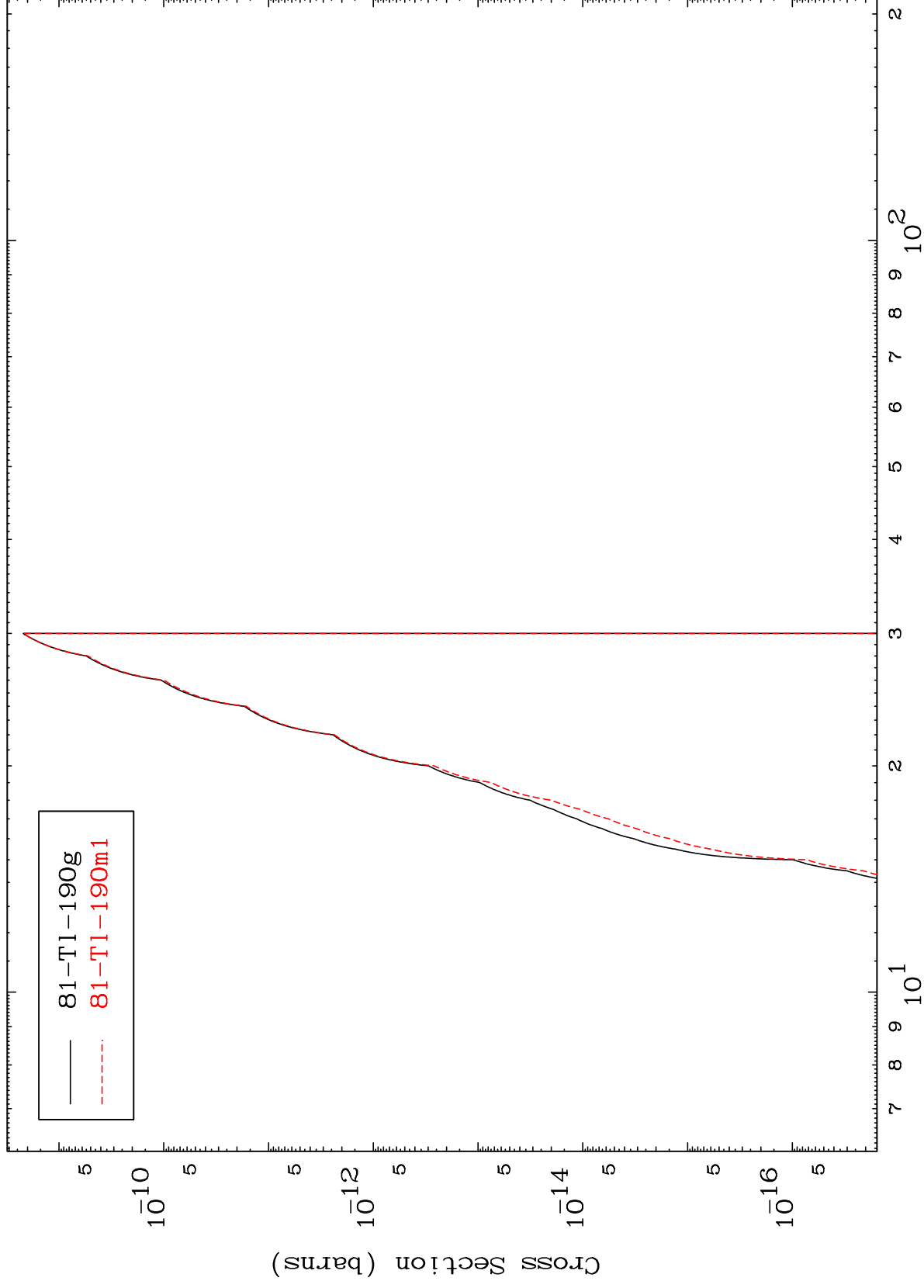
Incident Energy (MeV)

83-Bi-193

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83-Bi-193

Radionuclide Production Cross Section

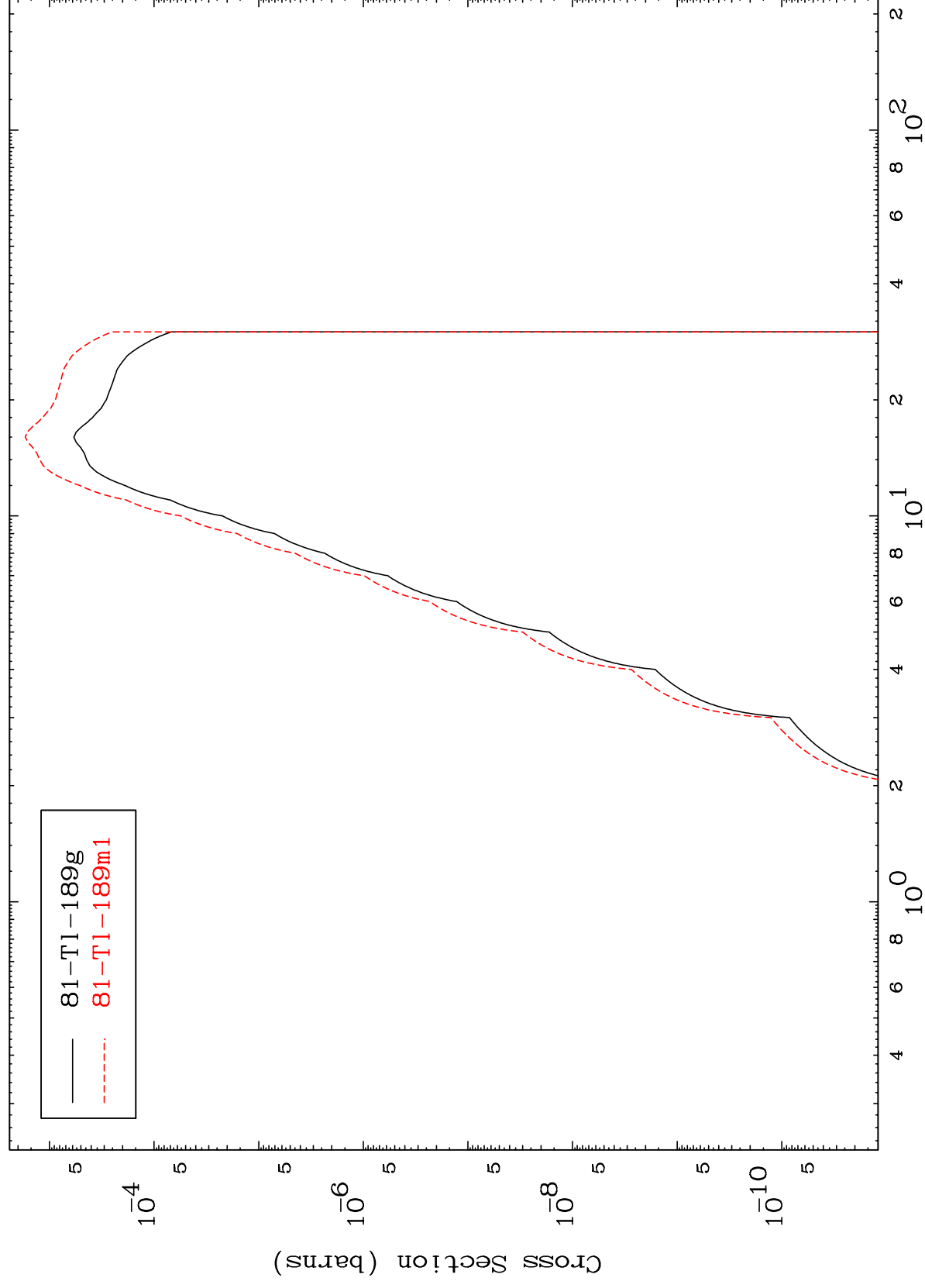


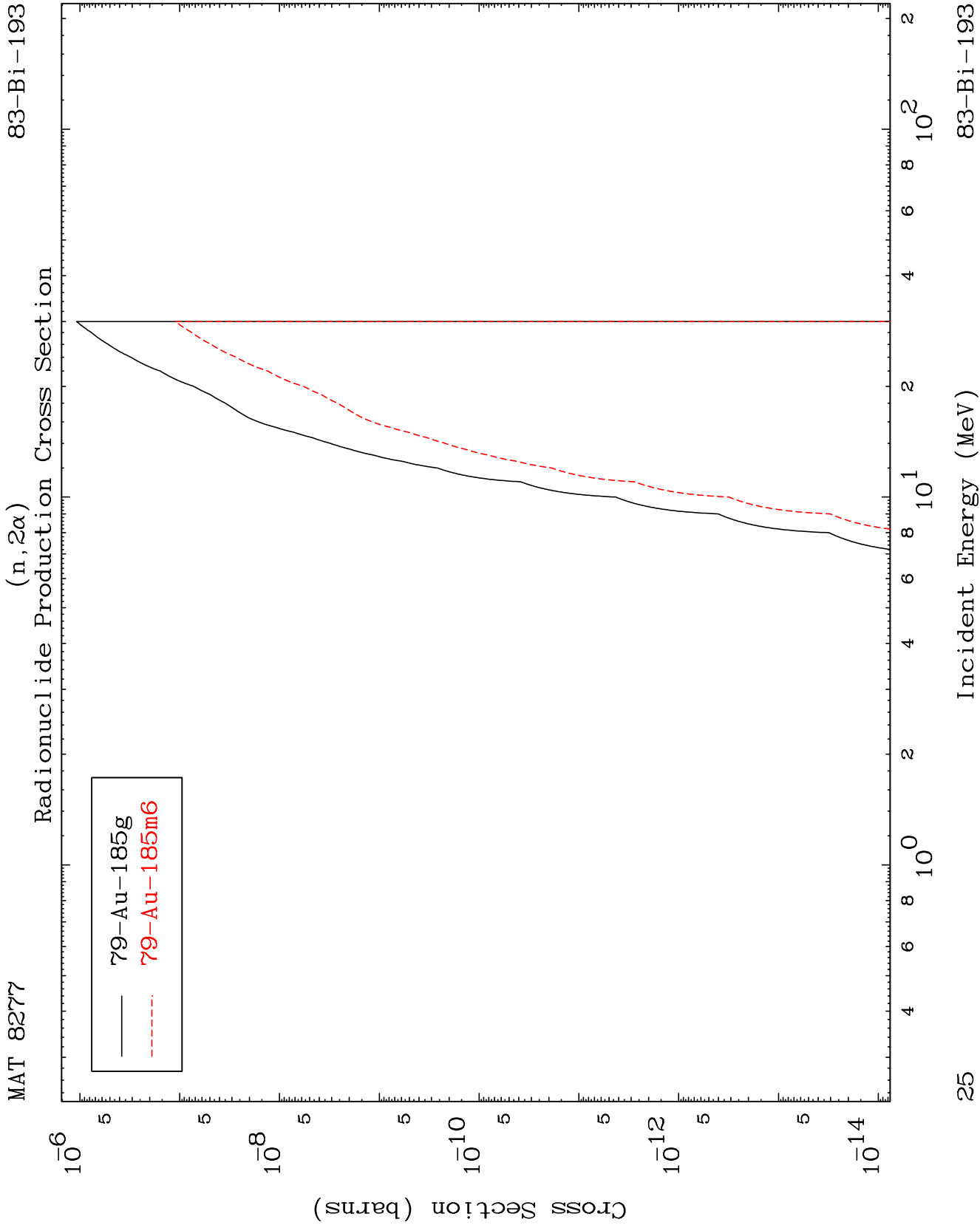
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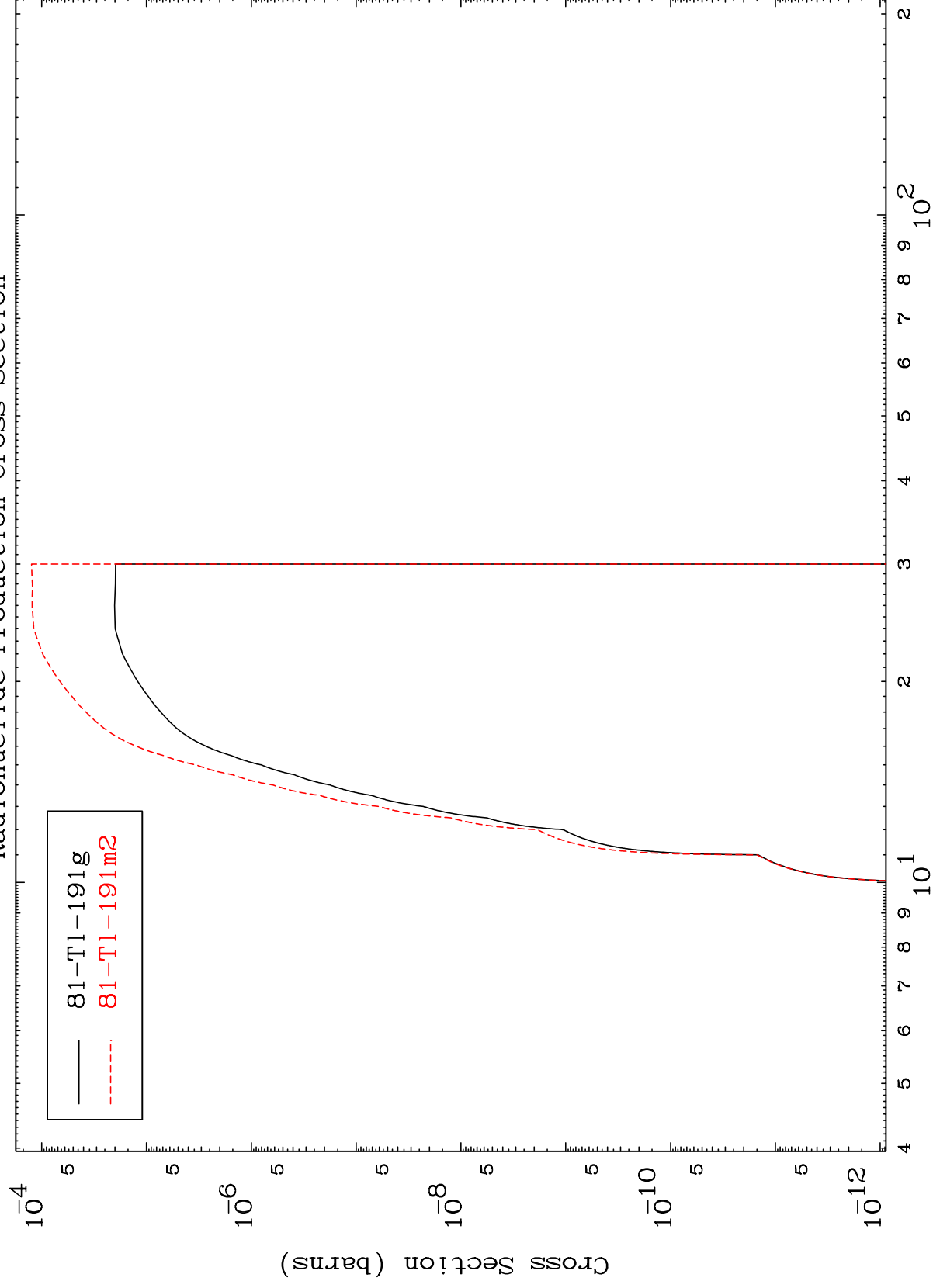
Incident Energy (MeV)

83-Bi-193

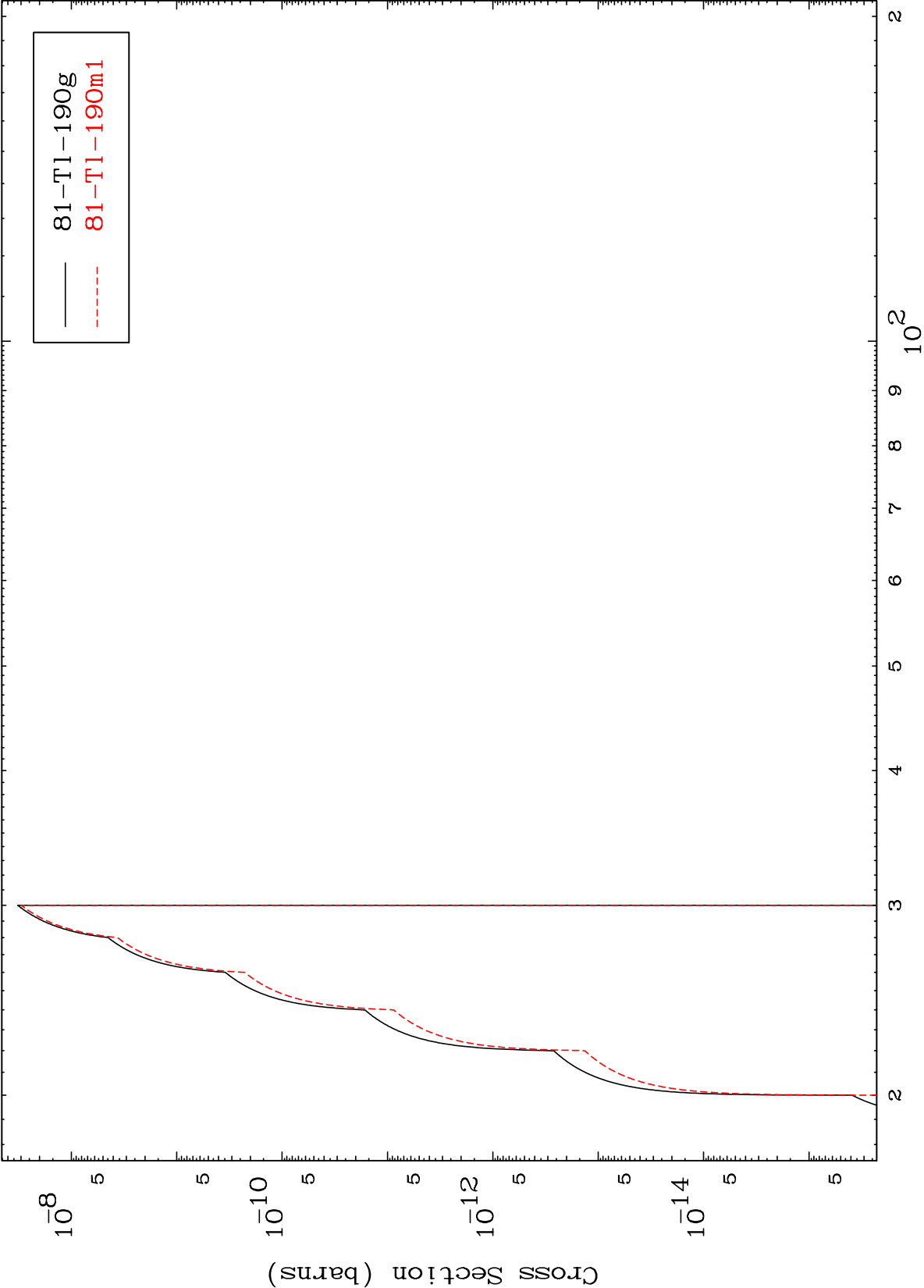
Radionuclide Production Cross Section (n, α)





(n,2p)
Radionuclide Production Cross Section

Radionuclide Production Cross Section



(n,d) α
Radionuclide Production Cross Section