

Program EVALPLOT
(Version 2021-1)

by

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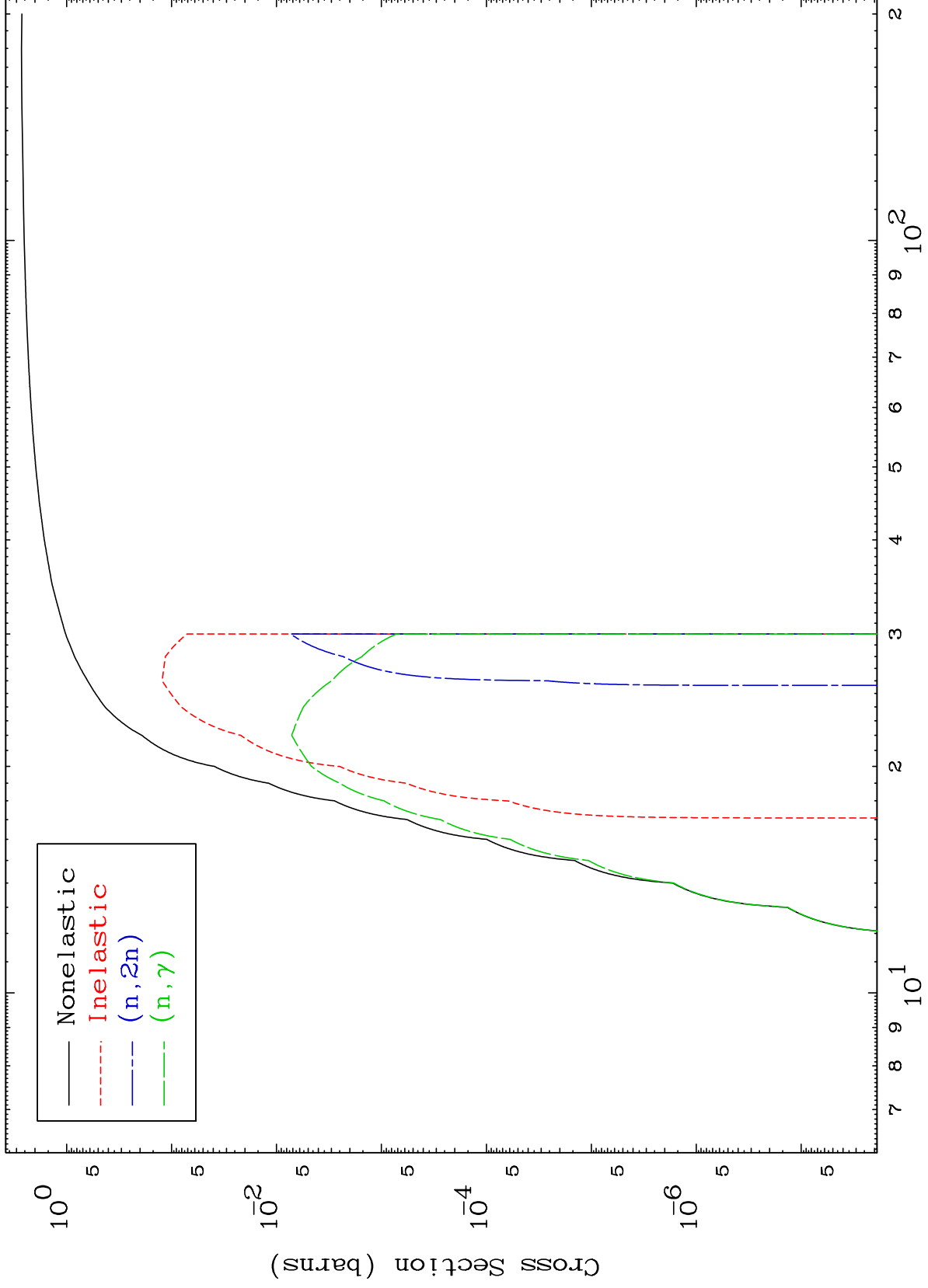
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8083

α Major
0 Kelvin Cross Sections

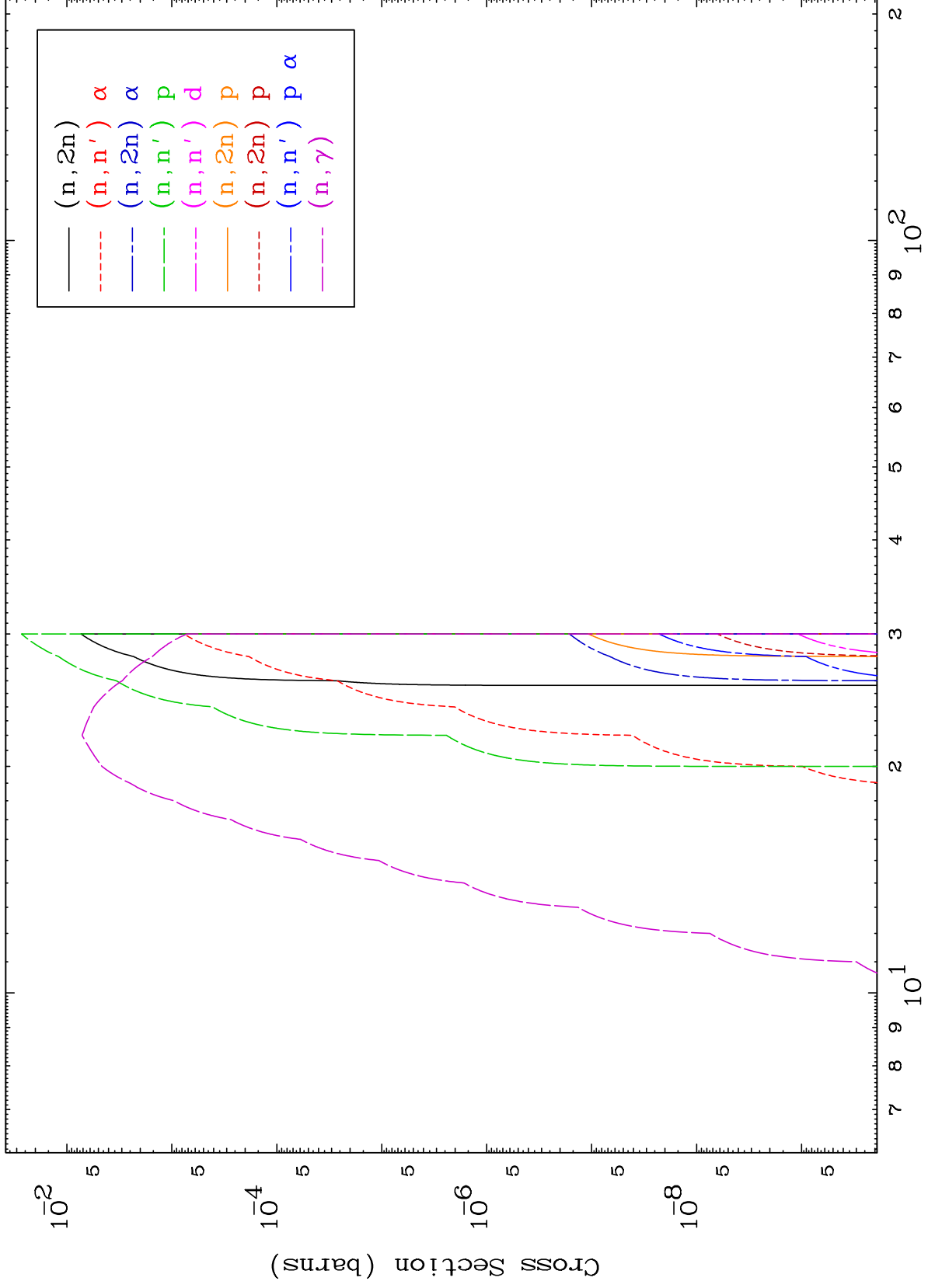
81-Tl-189

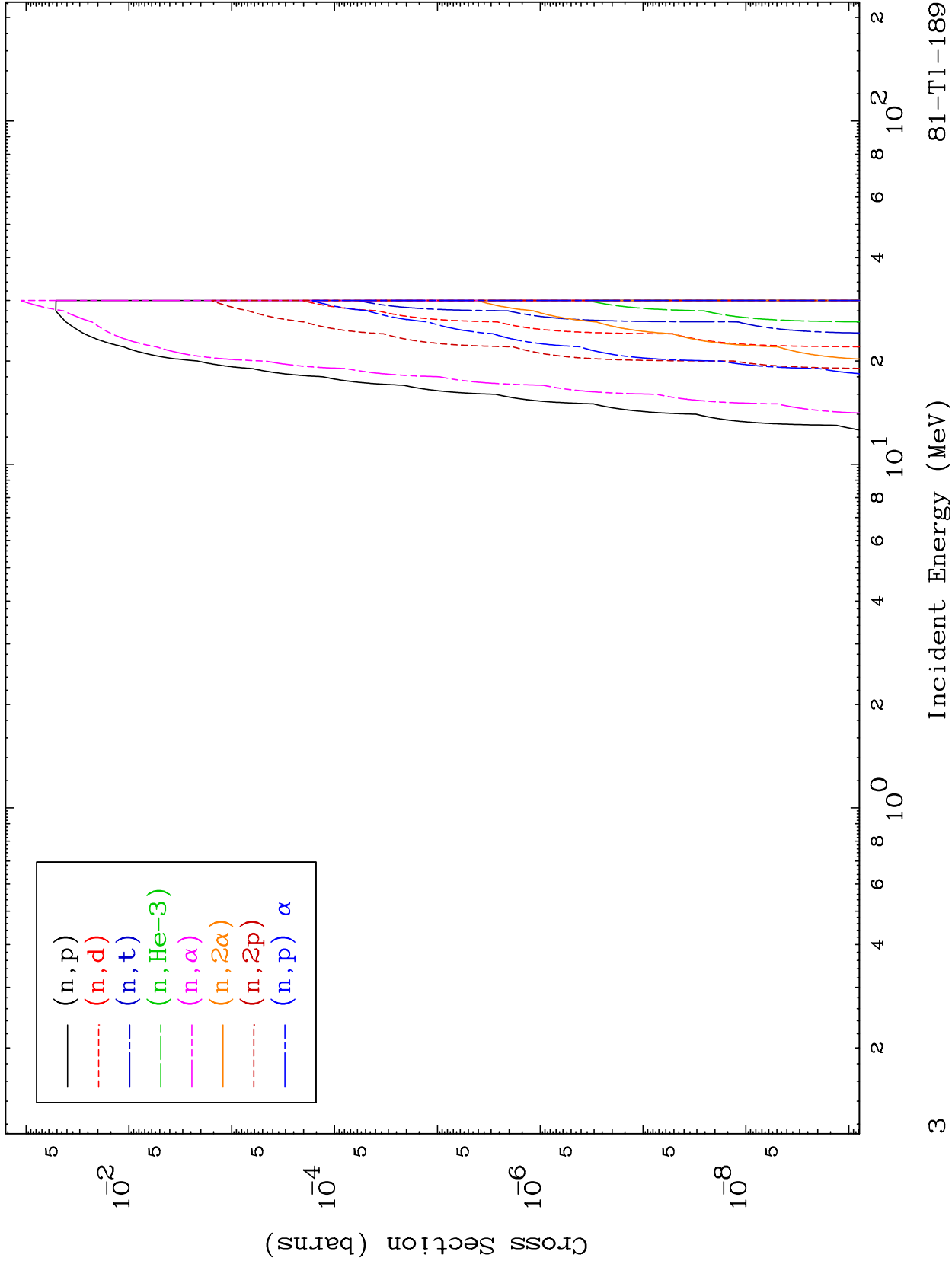


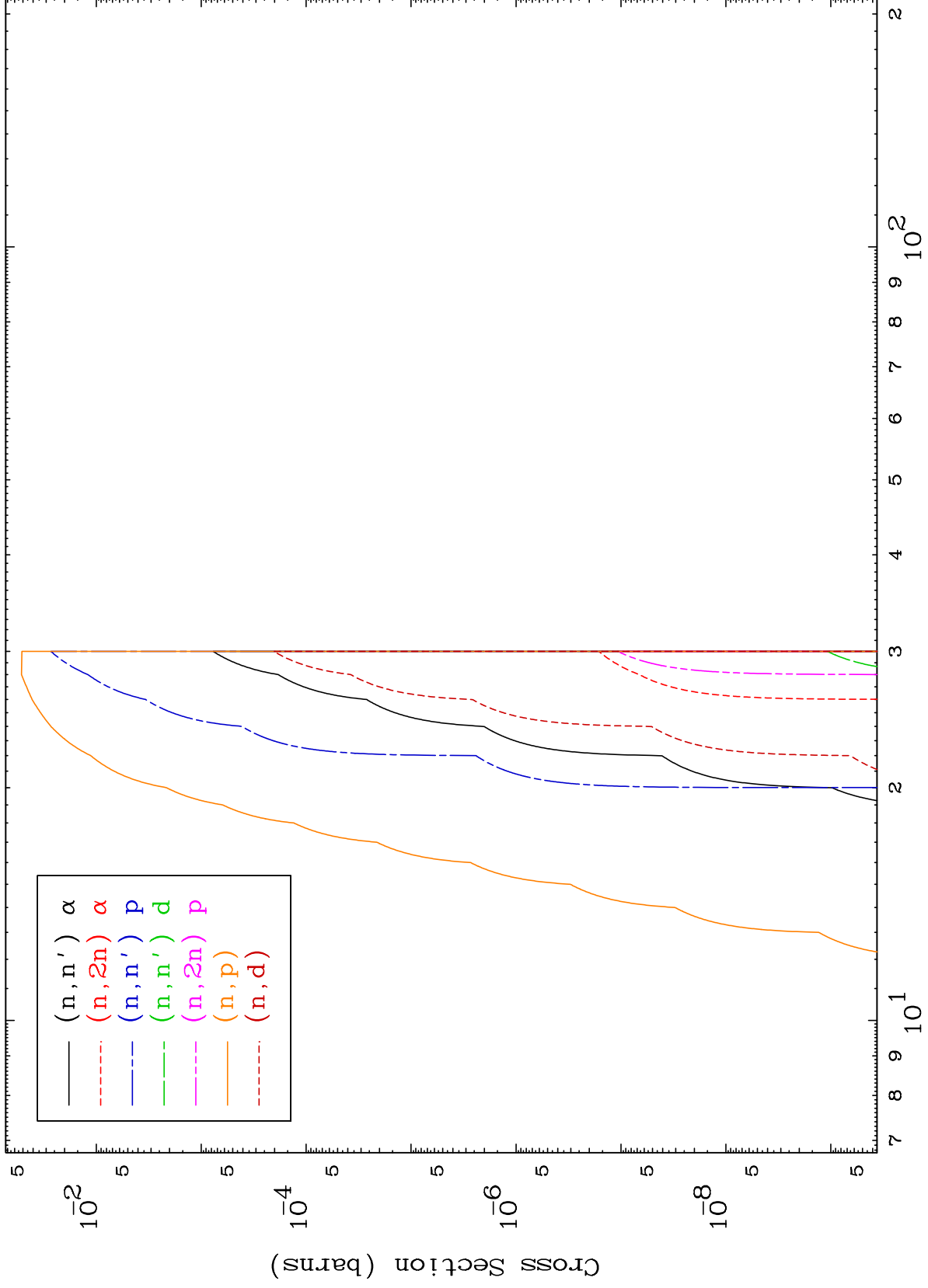
1

Incident Energy (MeV)

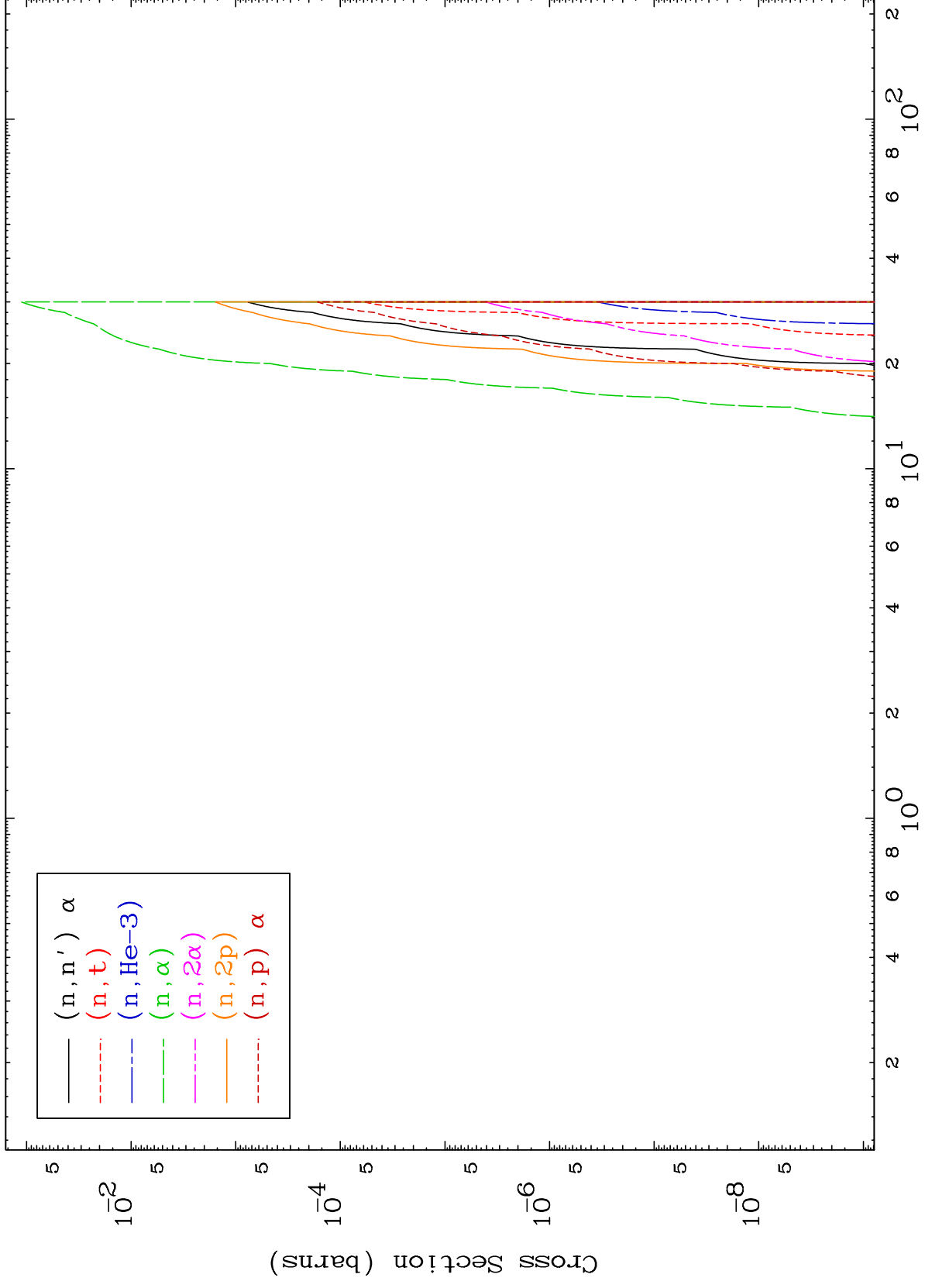
81-Tl-189







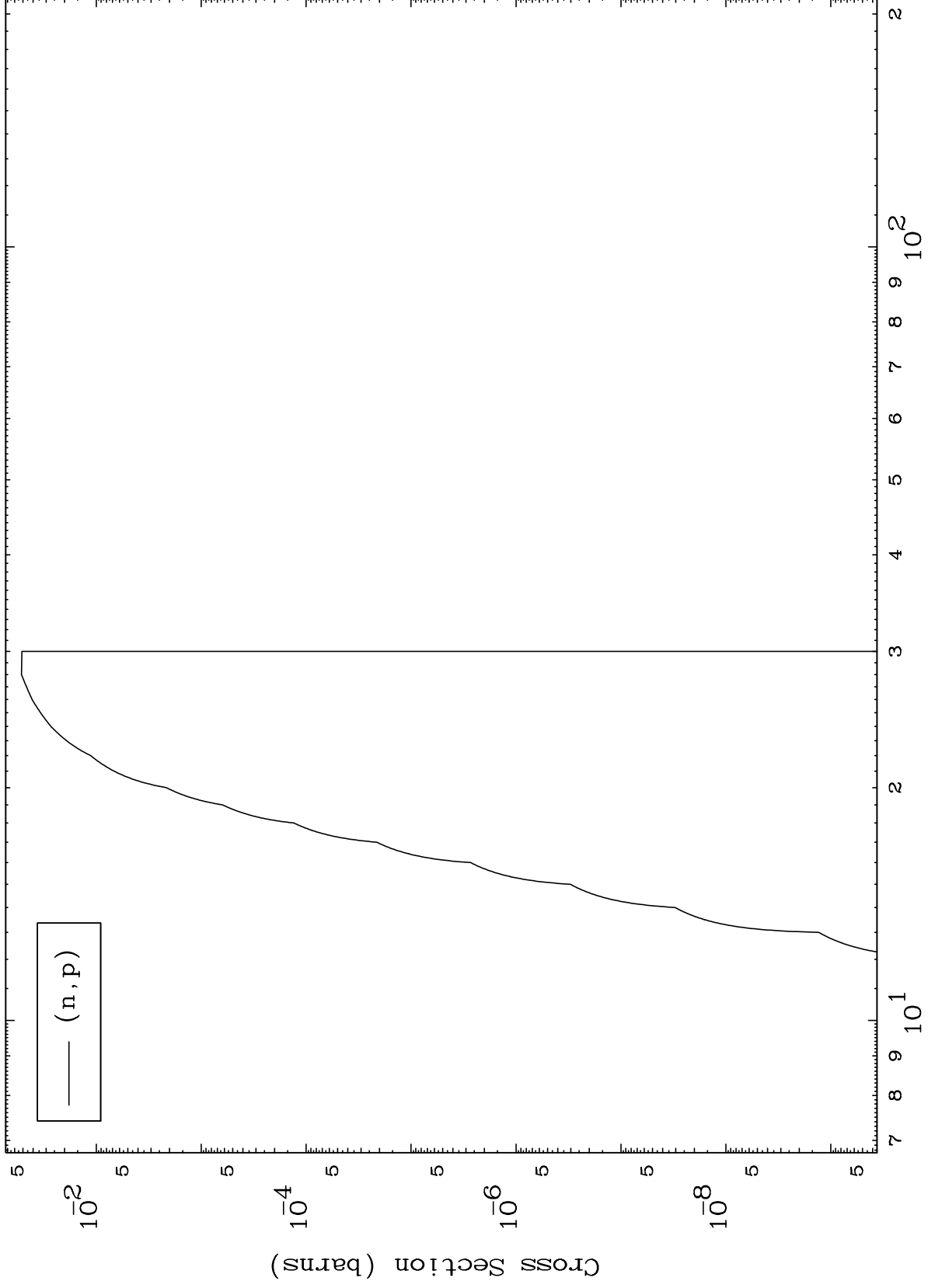
0 Kelvin Cross Sections



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(α, p) Levels
0 Kelvin Cross Sections

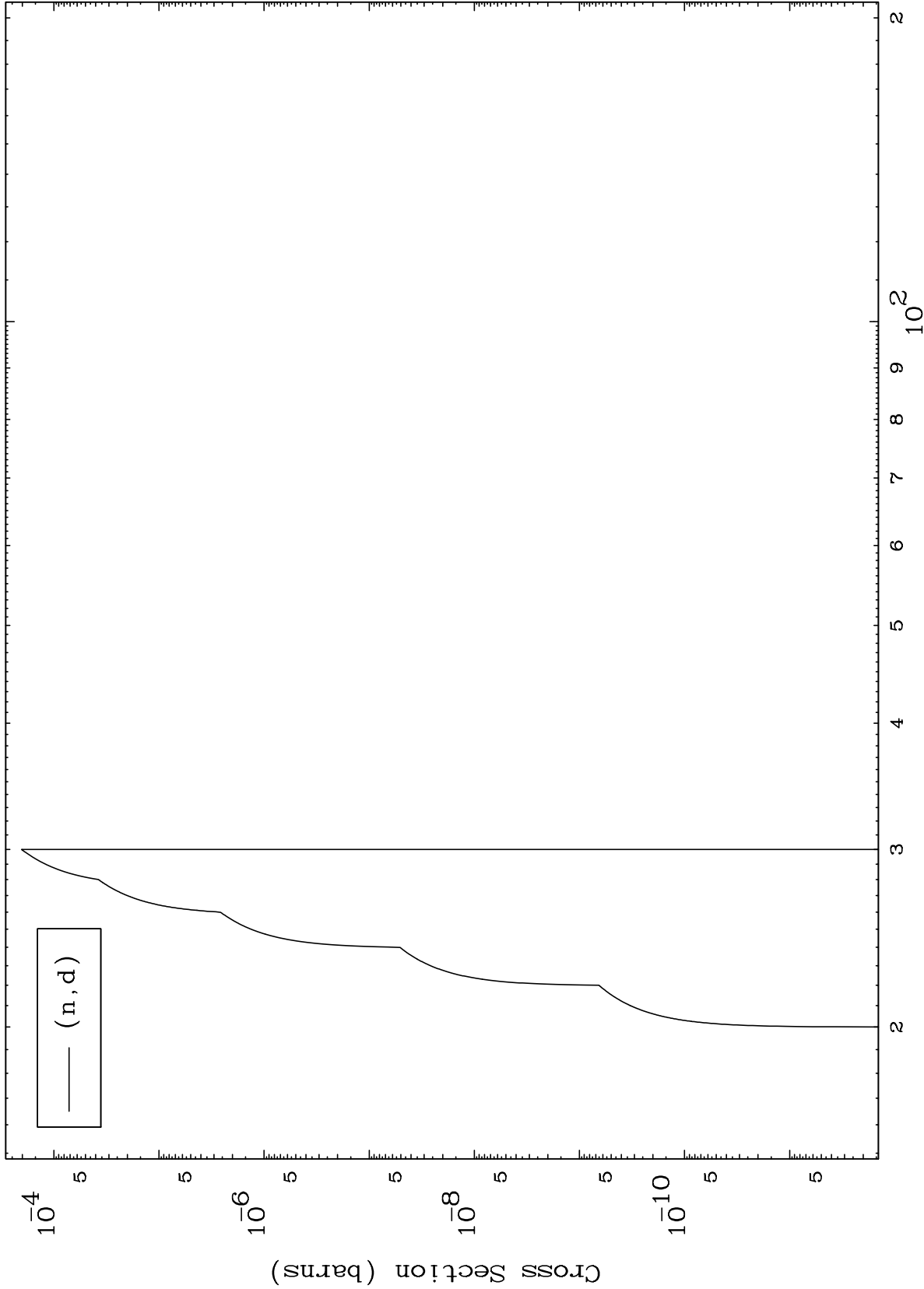
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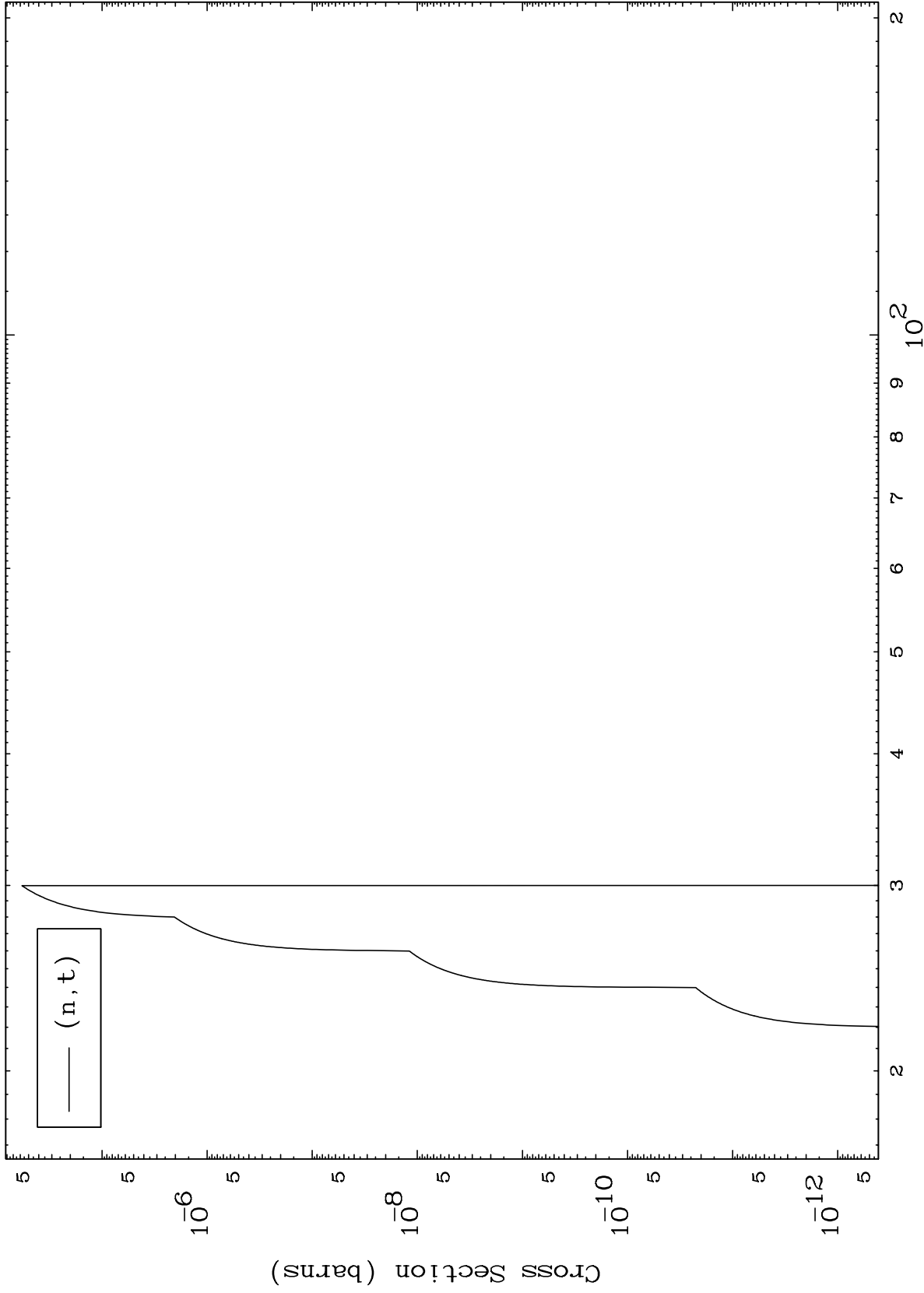


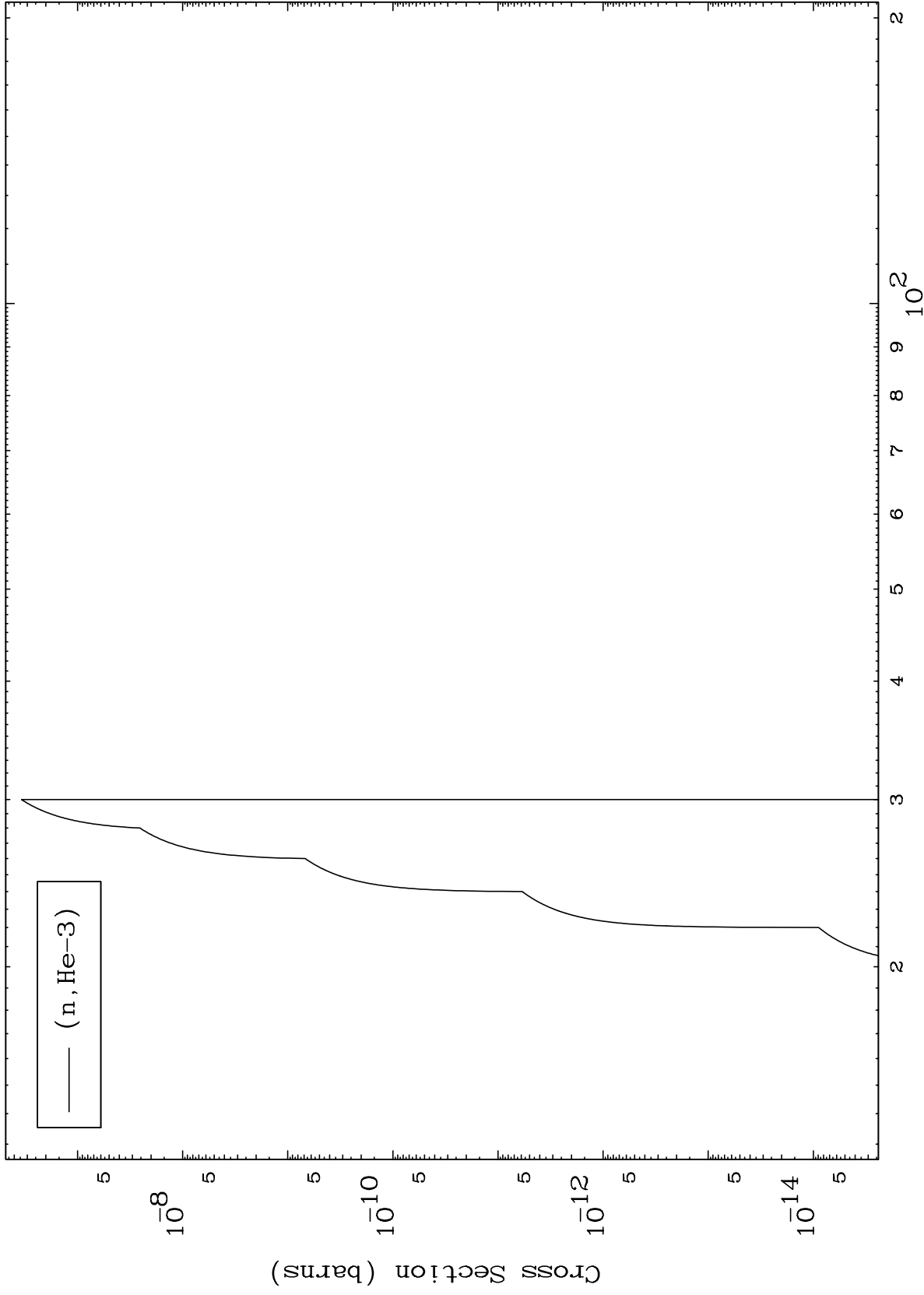
6

Incident Energy (MeV)

81-Tl-189





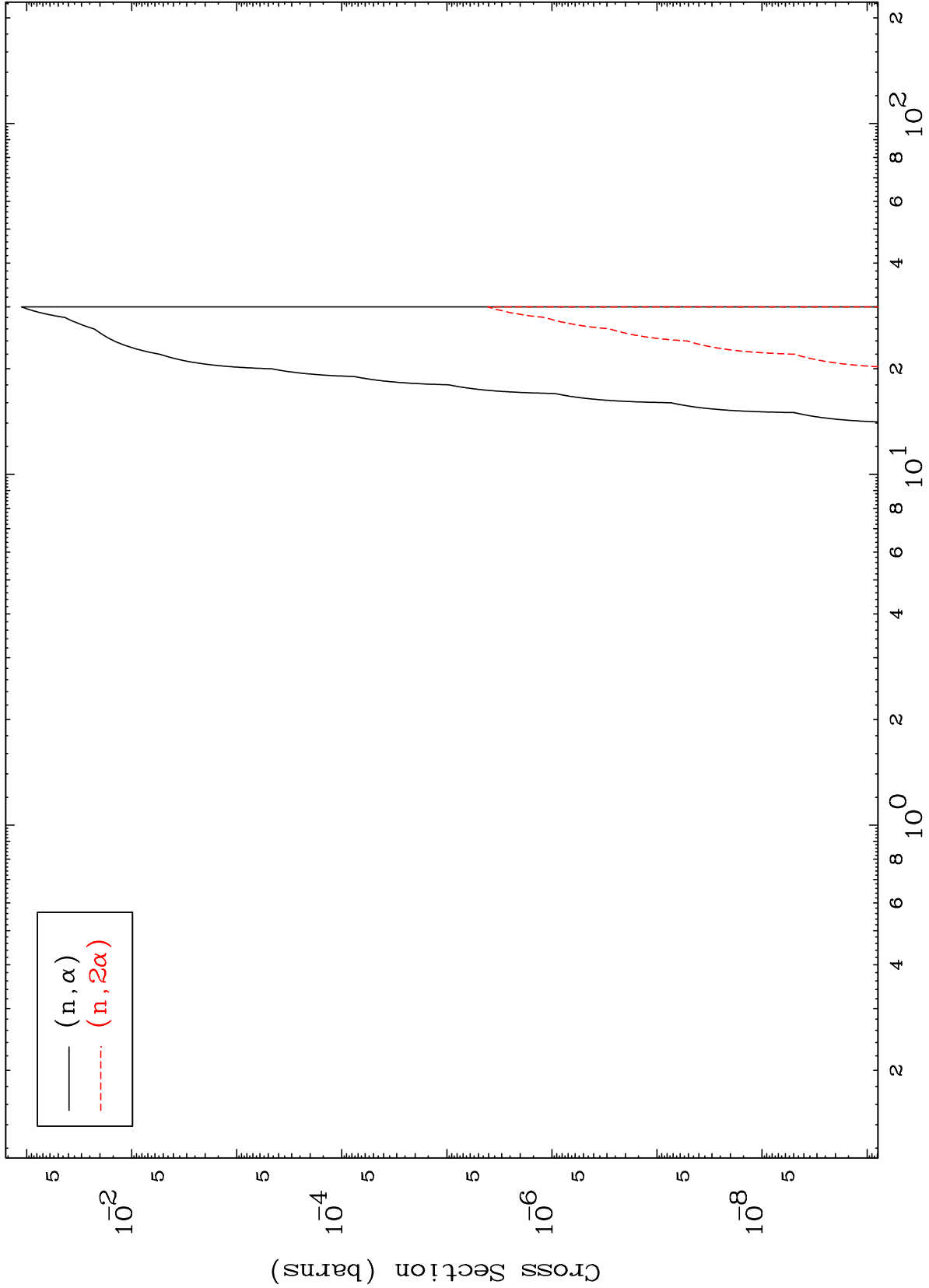


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(α, α) Levels

81-Tl-189

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

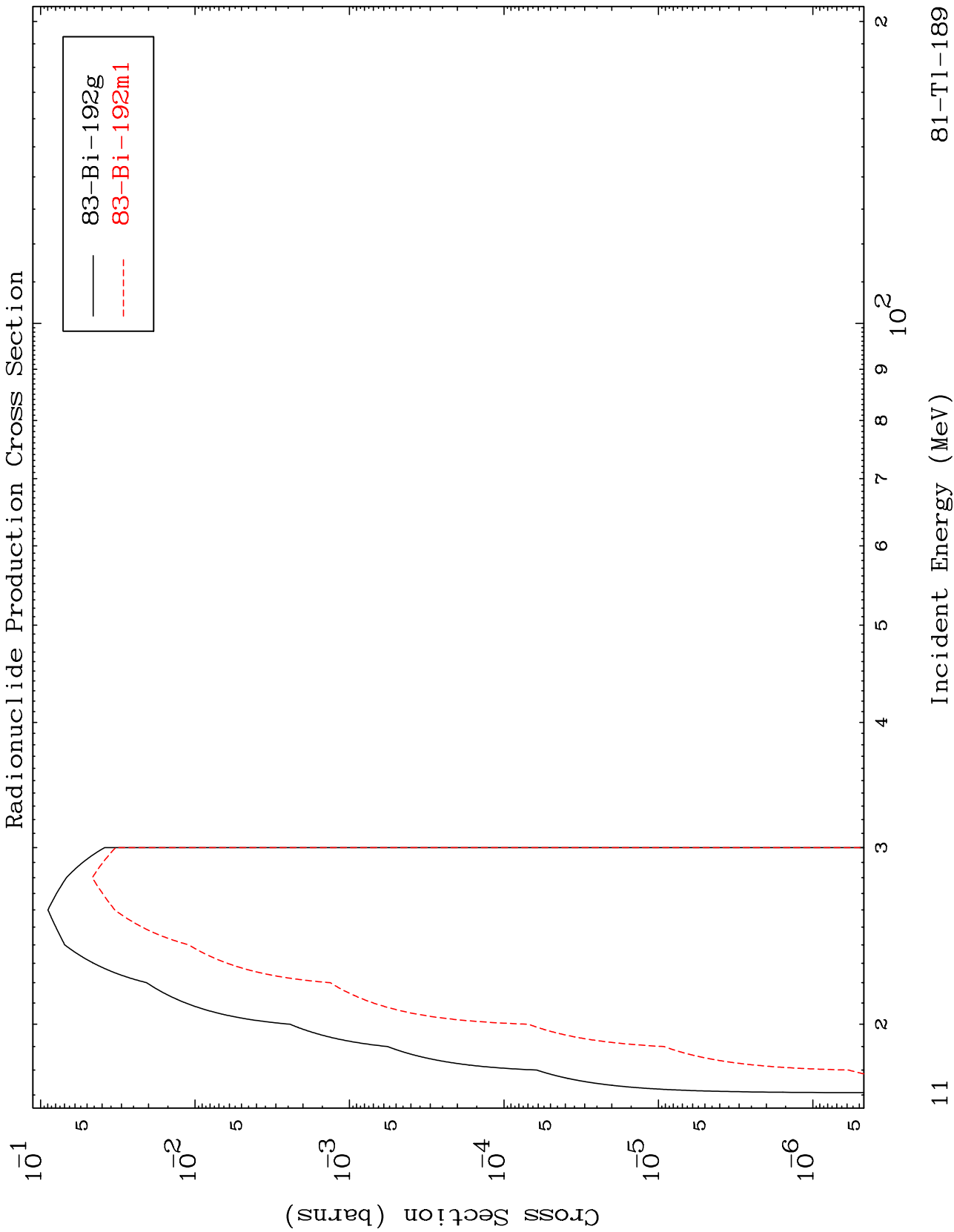
Incident Energy (MeV)

81-Tl-189

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81-Tl-189

Inelastic
Radionuclide Production Cross Section



11

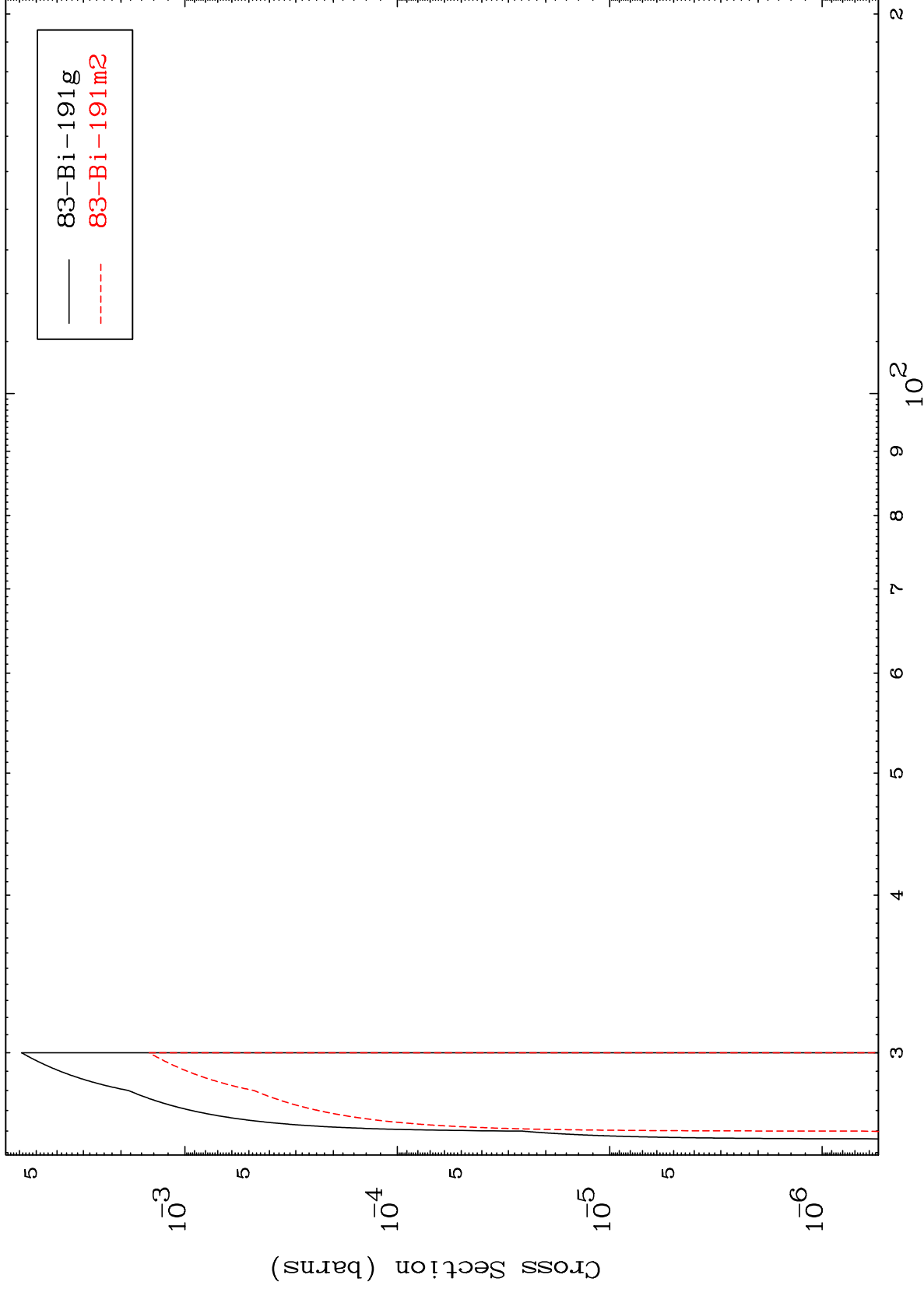
Incident Energy (MeV)

81-Tl-189

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81-Tl-189

(n,2n)
Radionuclide Production Cross Section



81-Tl-189

Incident Energy (MeV)

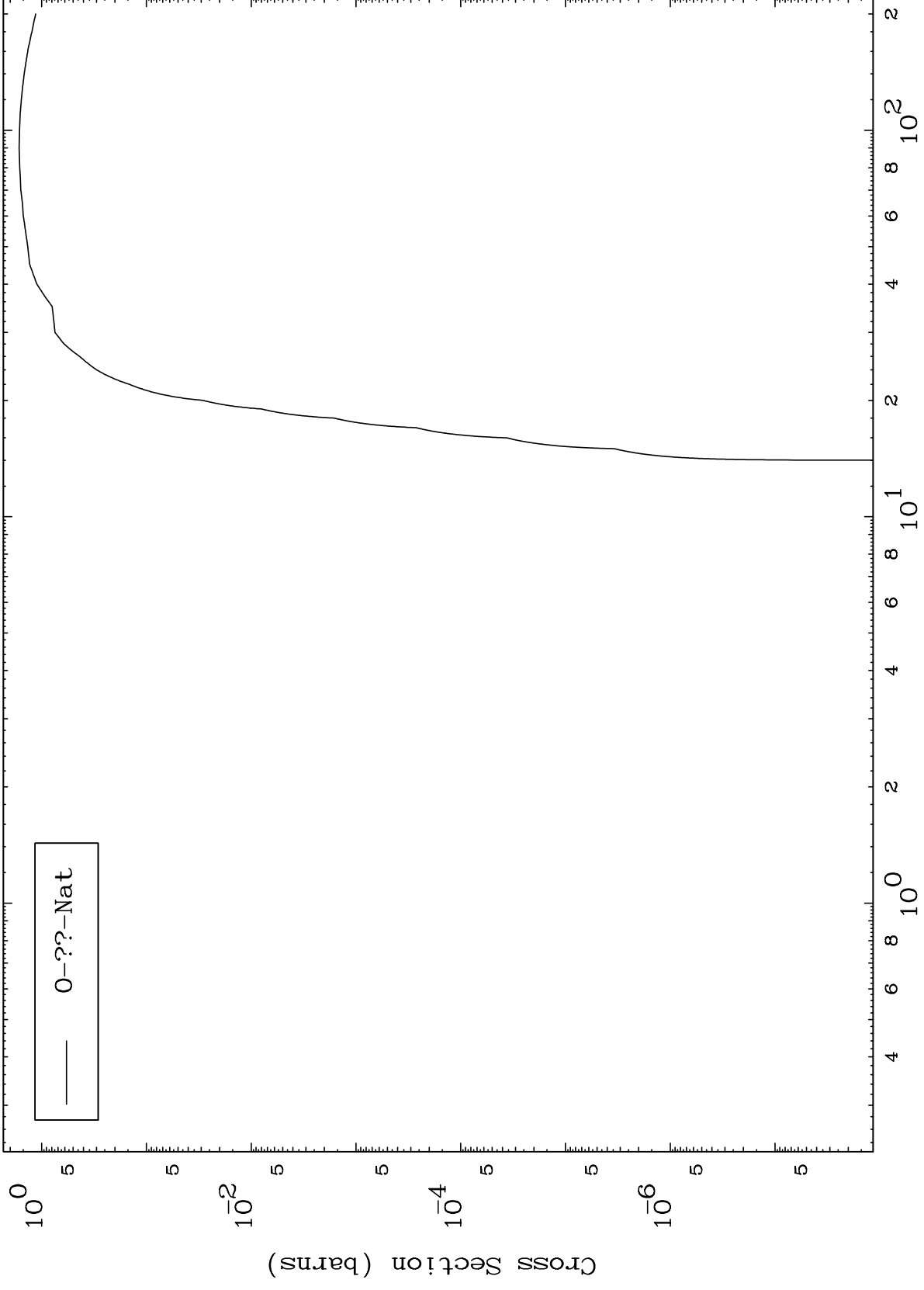
12

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Fission

81-Tl-189

Radionuclide Production Cross Section

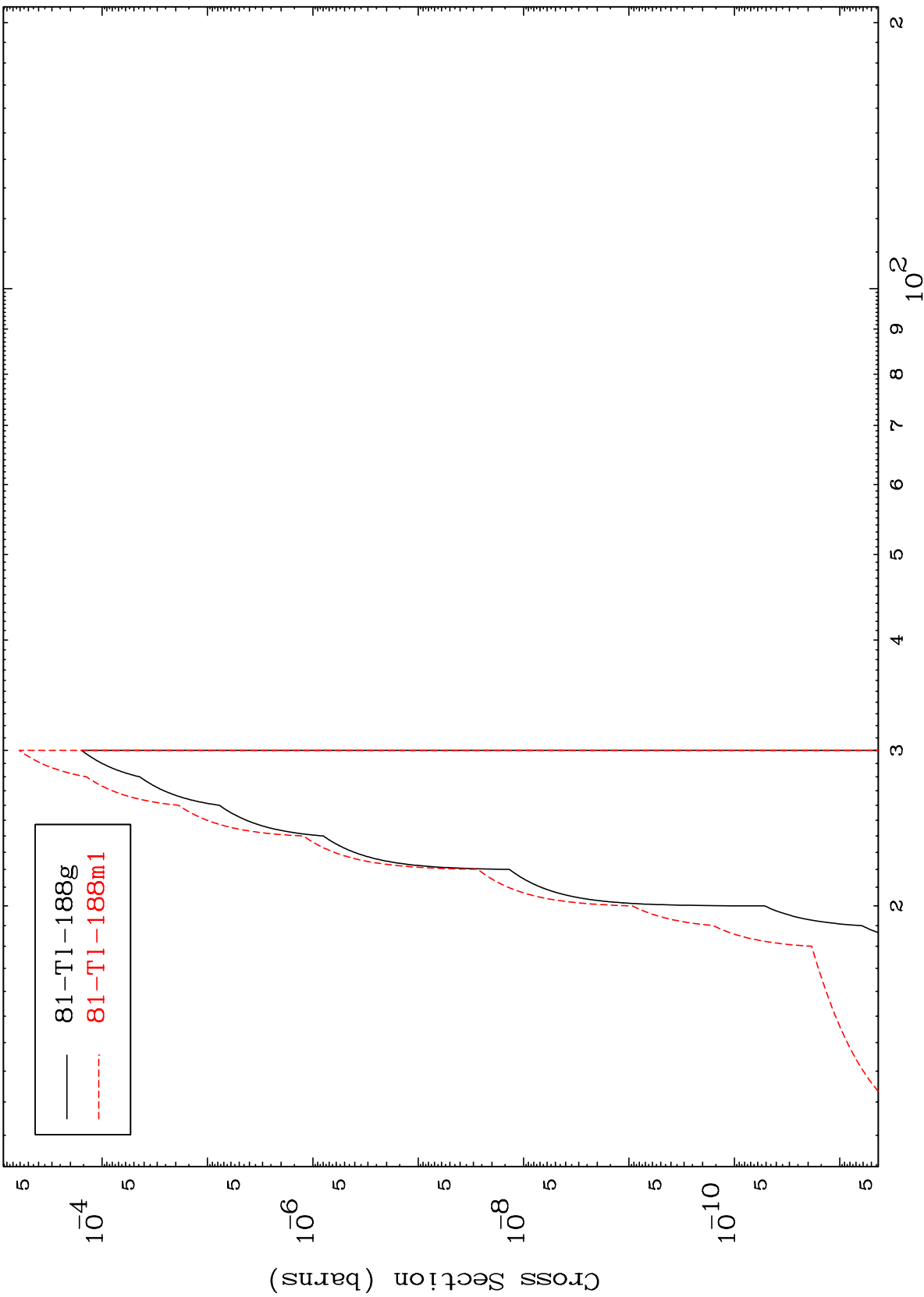


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(n,n') α

81-Tl-189

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-189

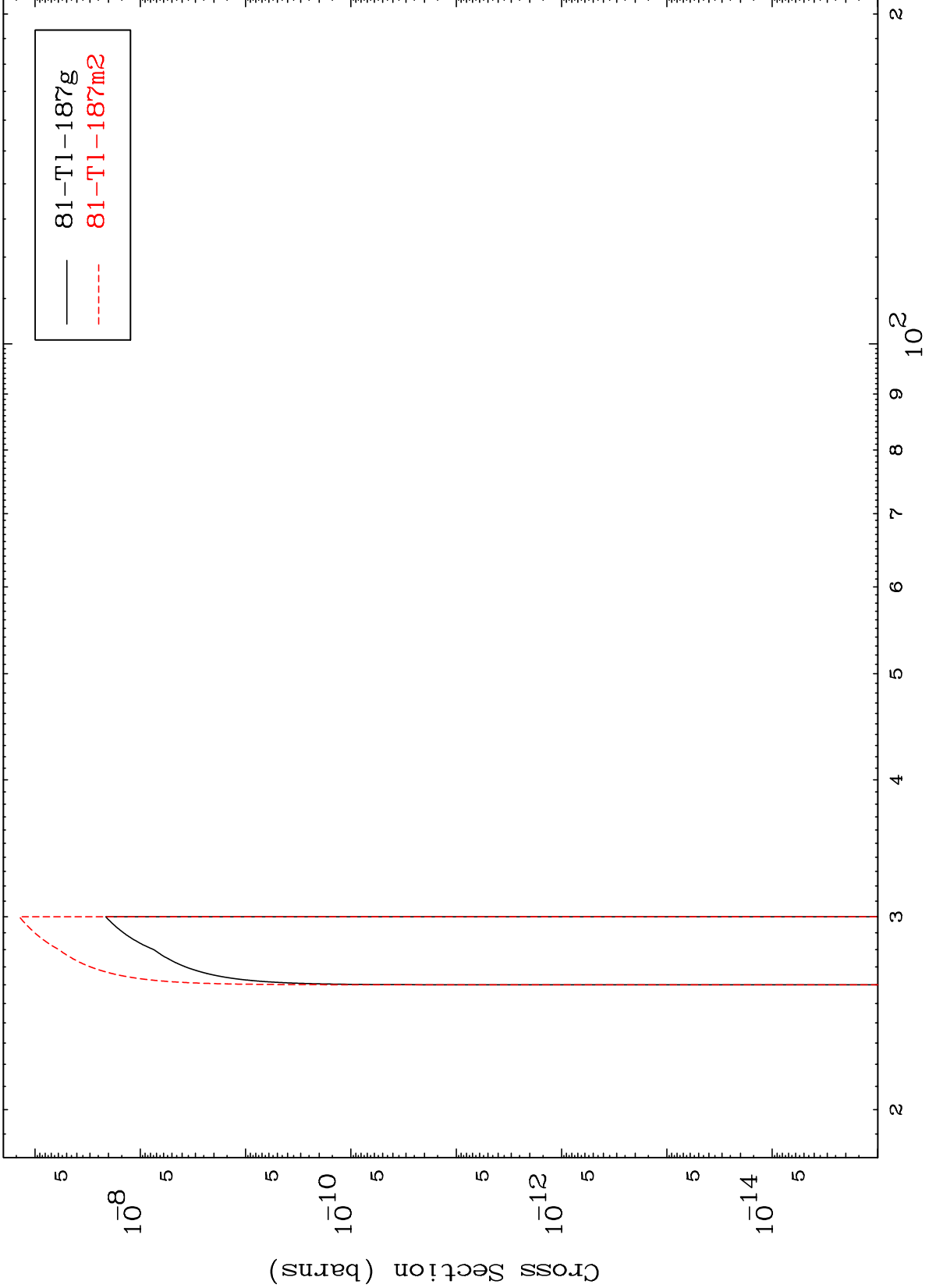
14

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(n,2n) α

81-Tl-189

Radionuclide Production Cross Section



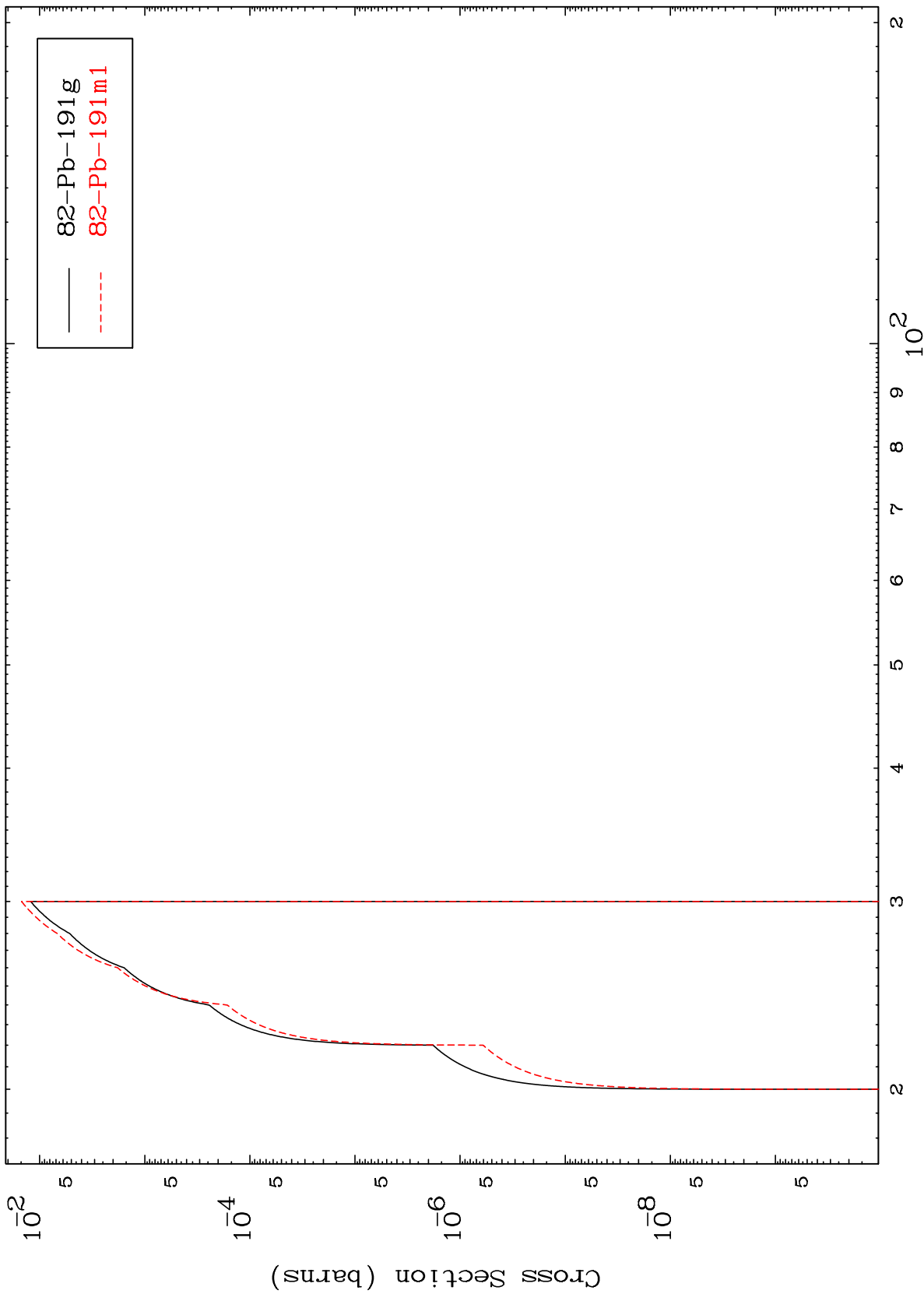
81-Tl-187g
81-Tl-187m2

15

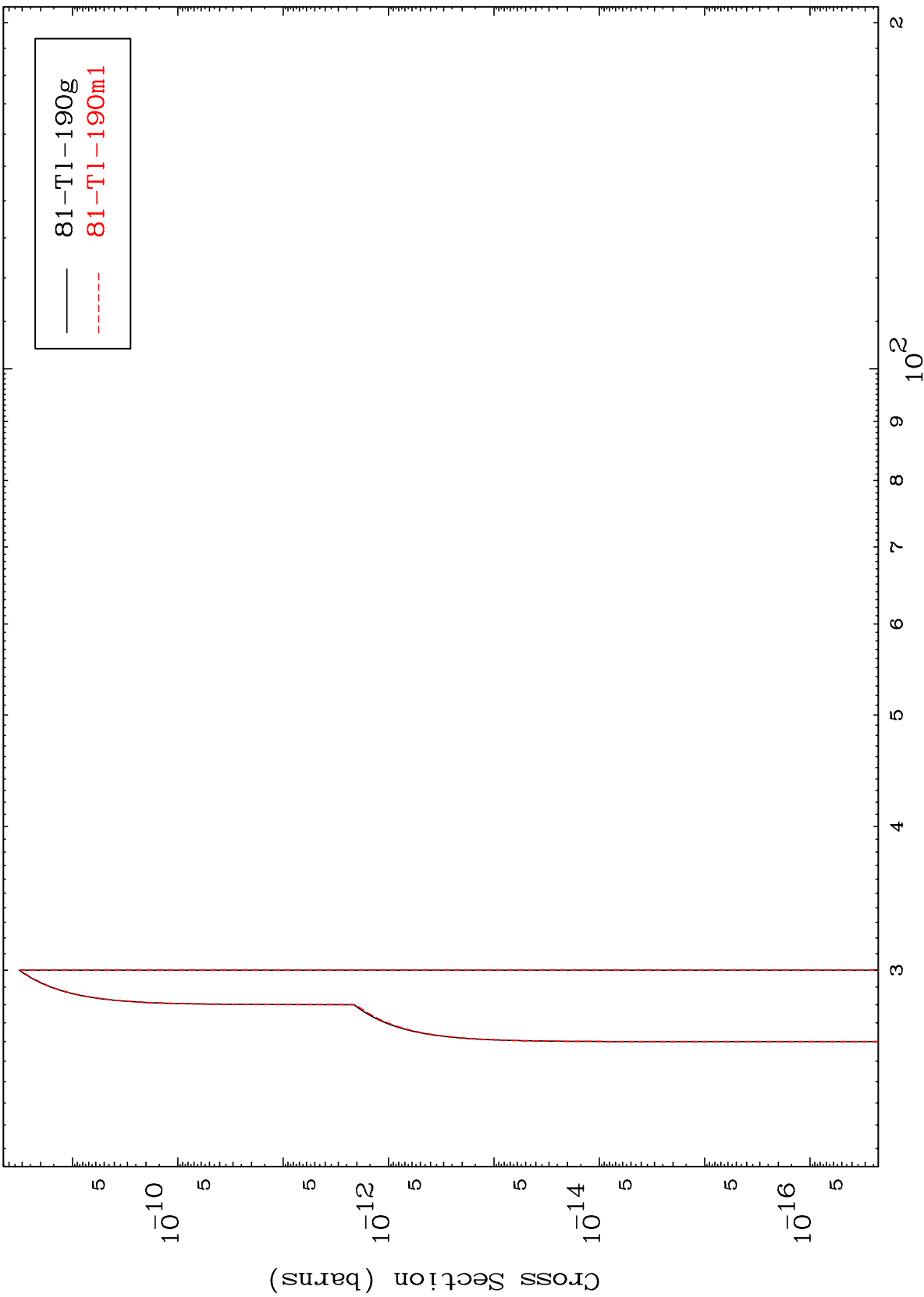
Incident Energy (MeV)

81-Tl-189

Radionuclide Production Cross Section



Radionuclide Production Cross Section

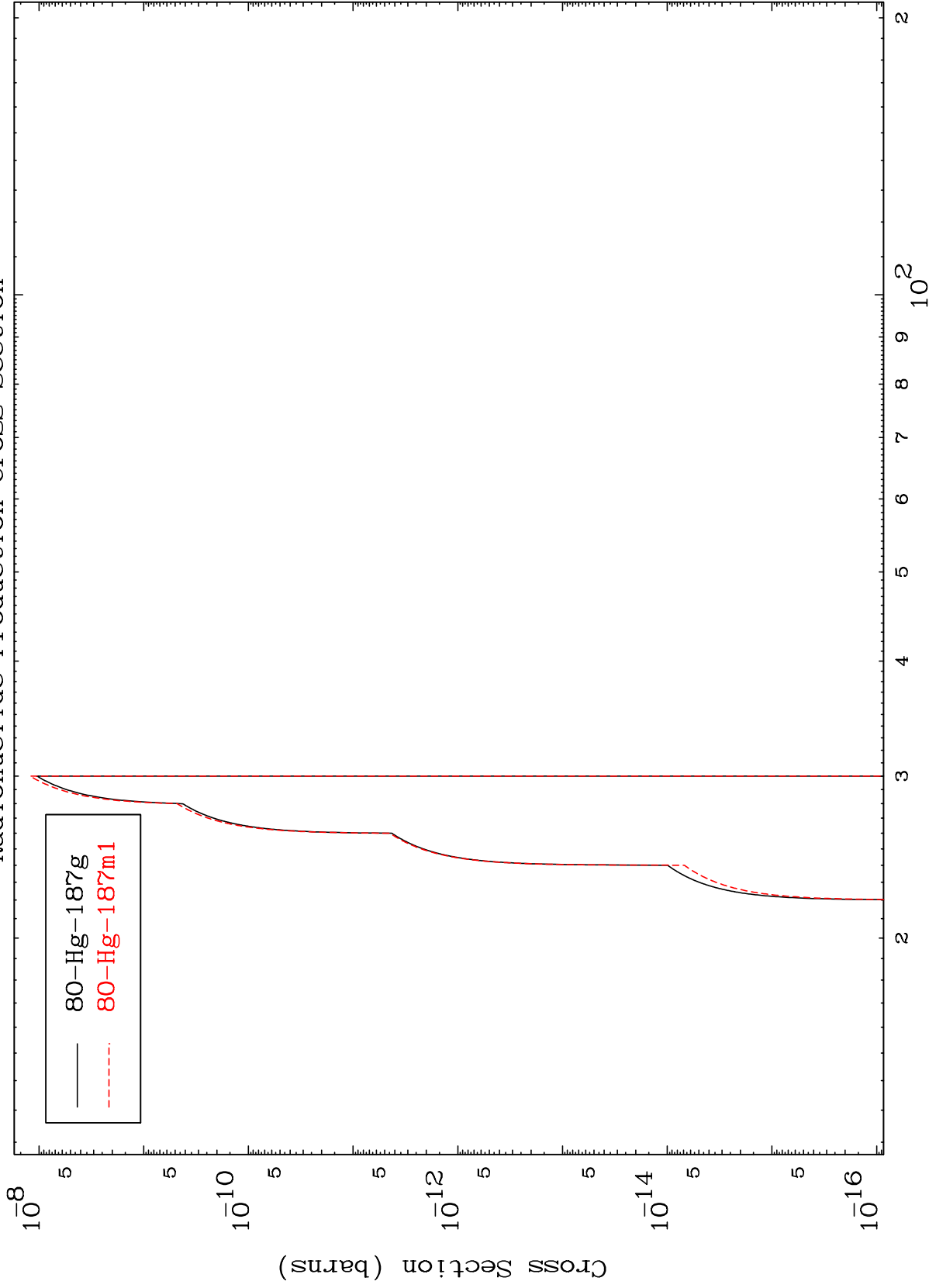


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(n,n') p α

81-Tl-189

Radionuclide Production Cross Section



18

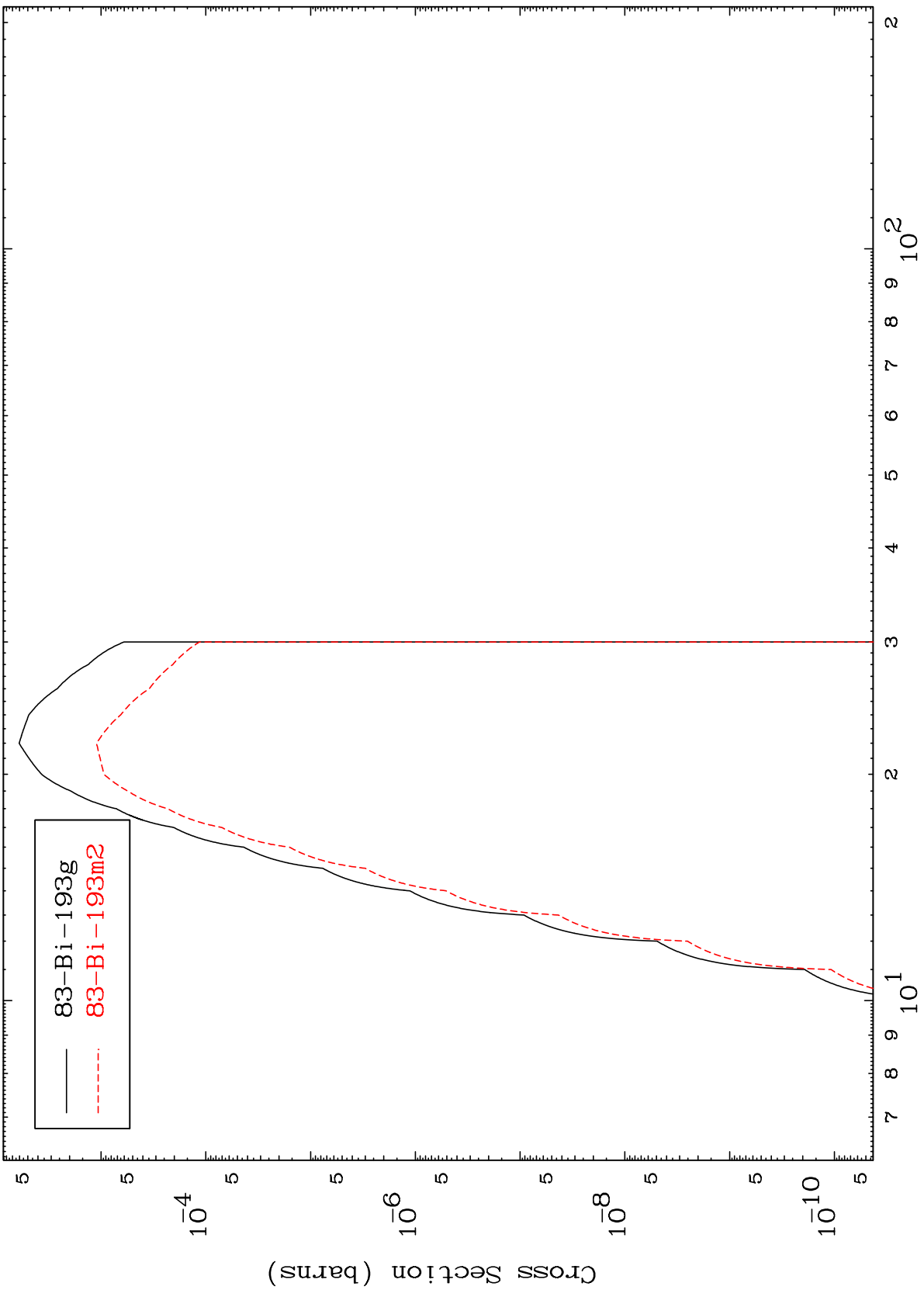
Incident Energy (MeV)

81-Tl-189

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81-Tl-189

(n,γ)
Radionuclide Production Cross Section



19

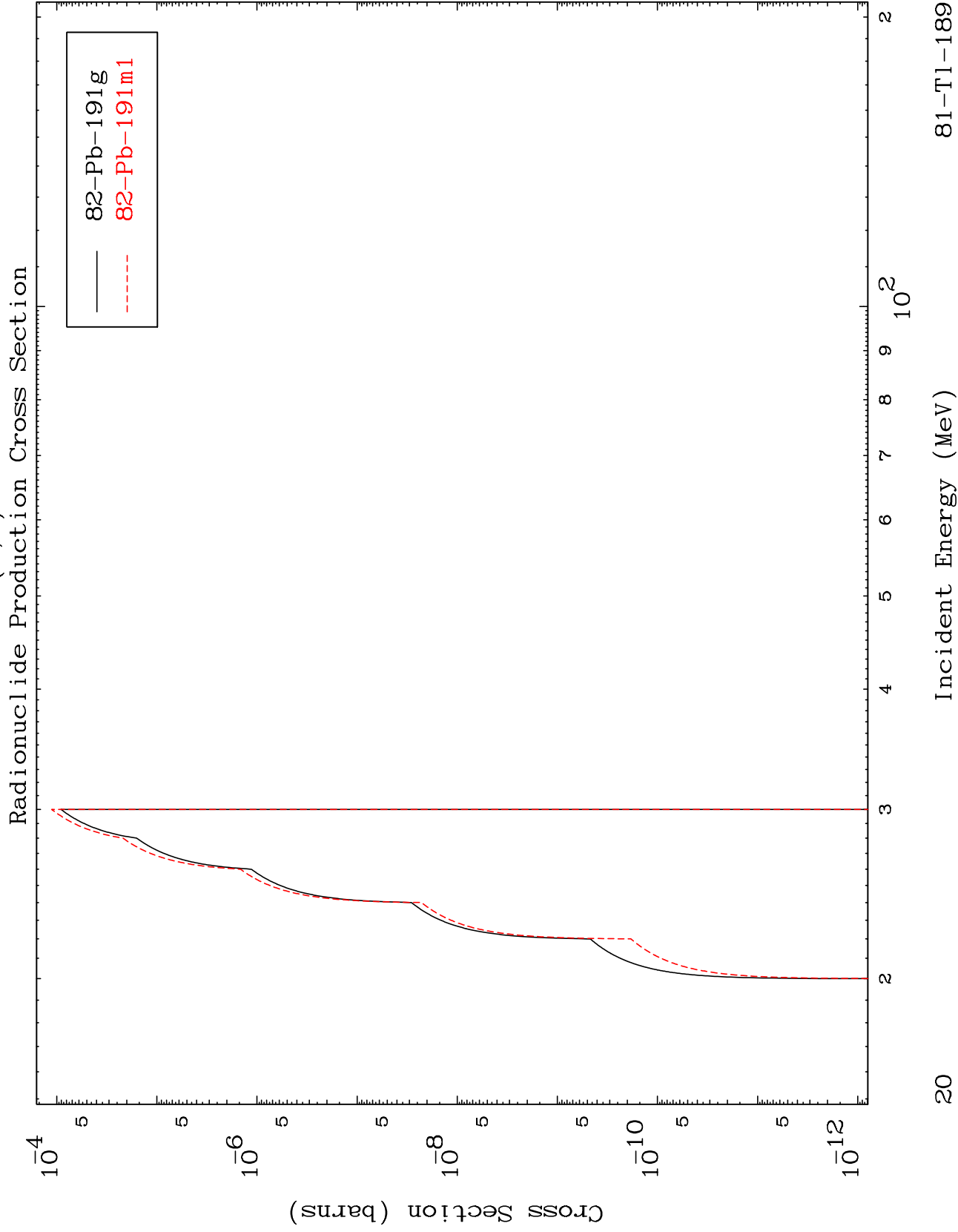
Incident Energy (MeV)

81-Tl-189

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(n,d)

81-Tl-189



20

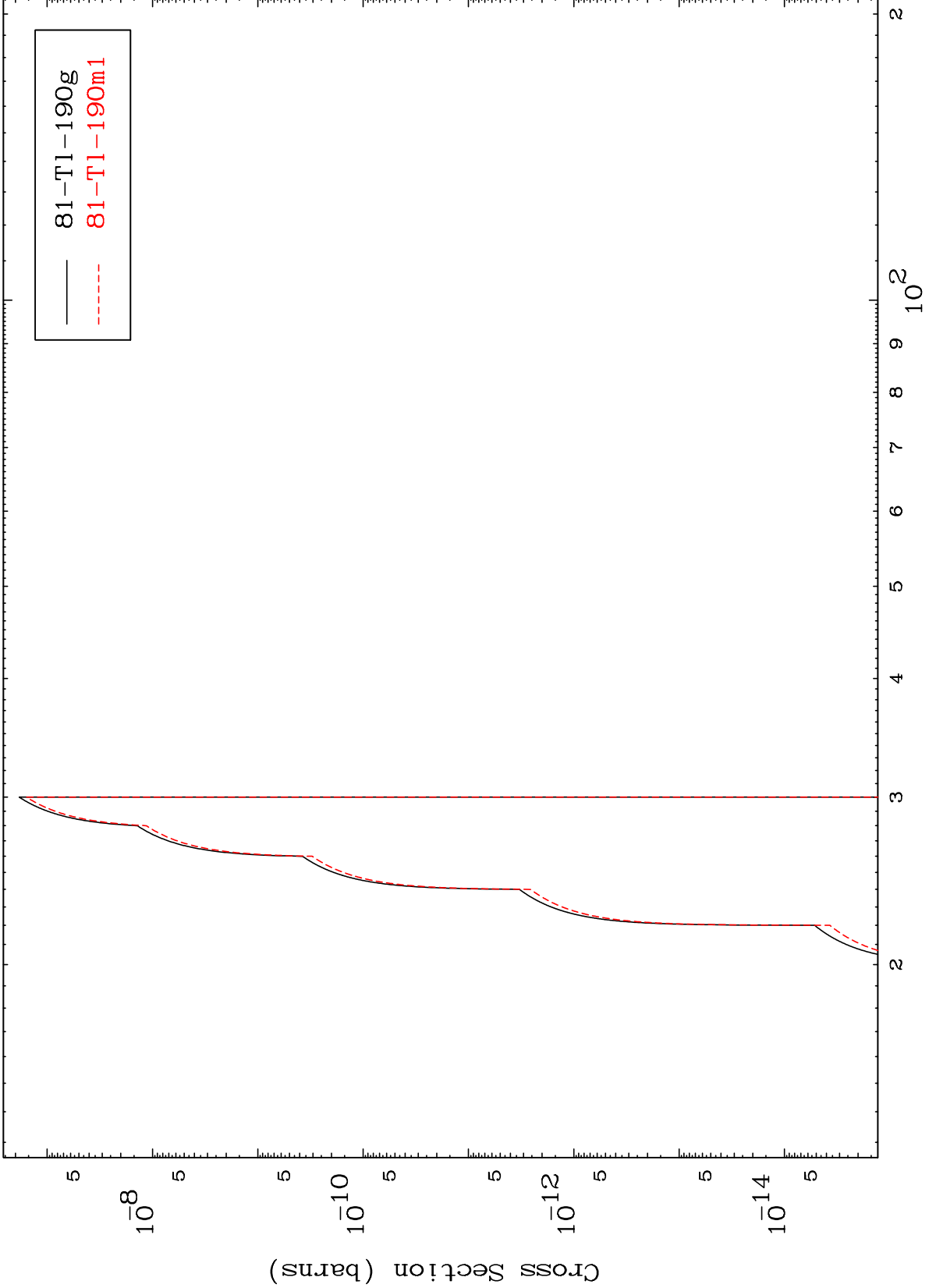
81-Tl-189

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(n,He-3)

81-Tl-189

Radionuclide Production Cross Section



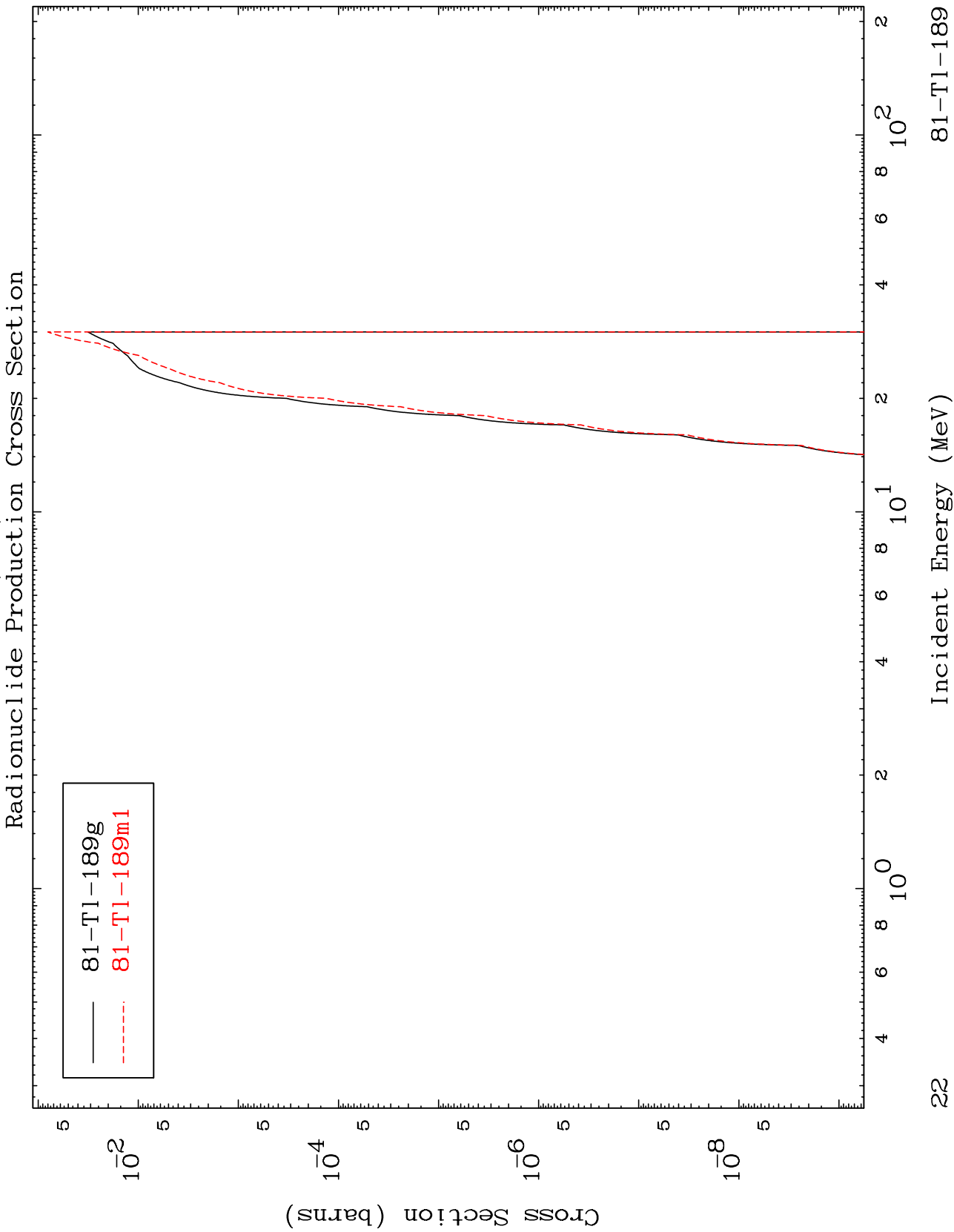
21

Incident Energy (MeV)

81-Tl-189

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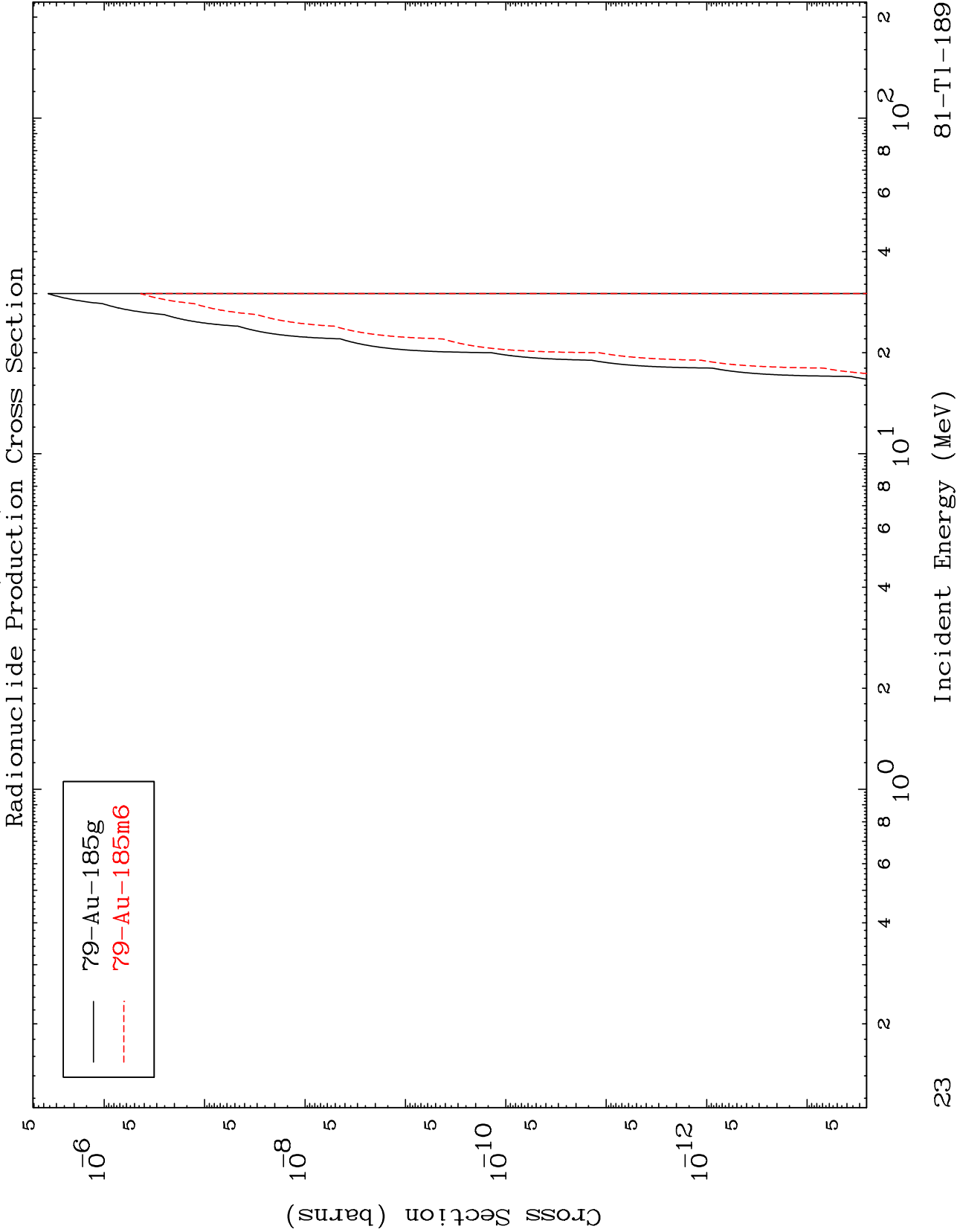
81-Tl-189



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(n,2α)

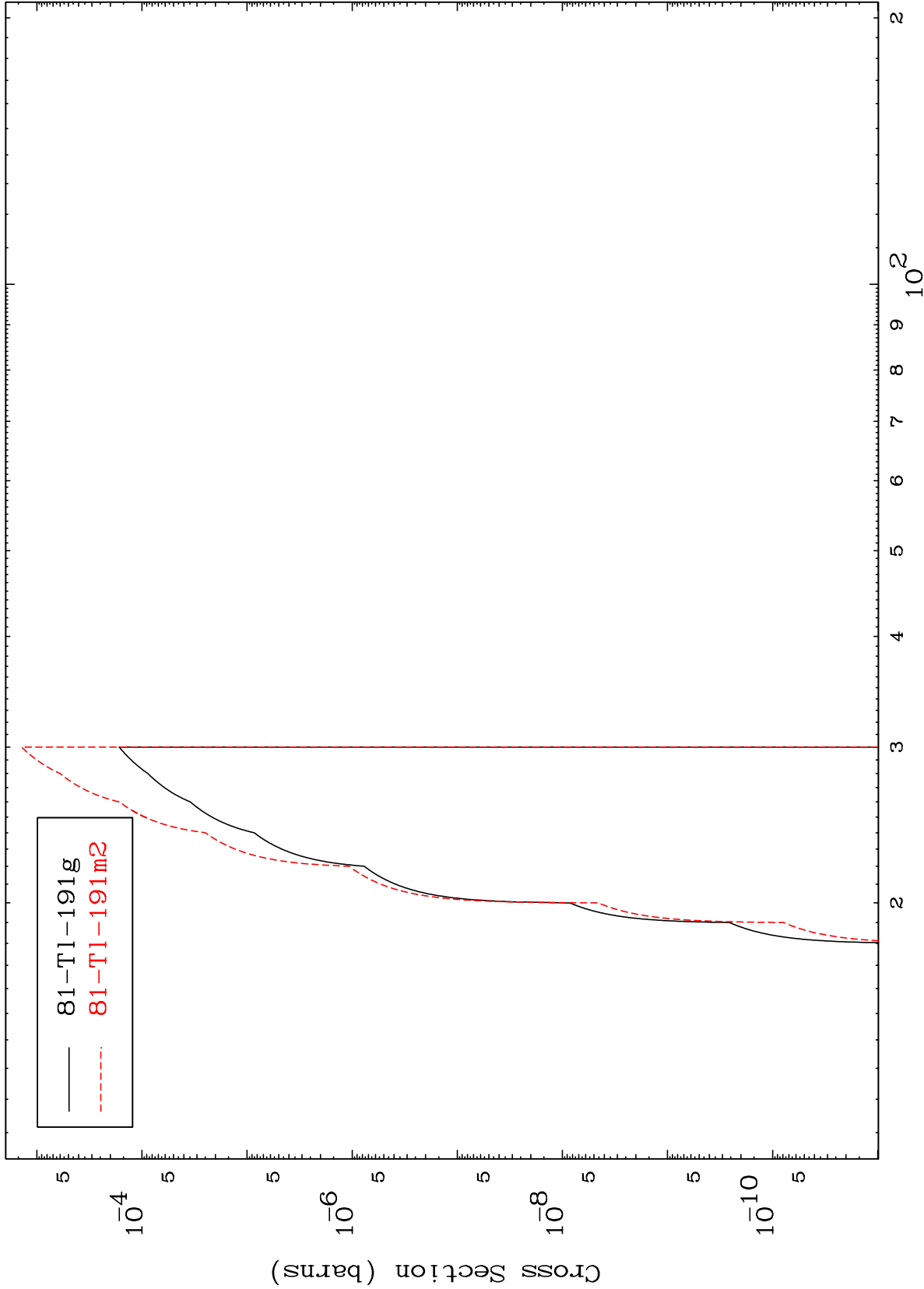
81-Tl-189



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81-Tl-189

Radionuclide Production Cross Section
(n,2p)



81-Tl-189

Incident Energy (MeV)

24