

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

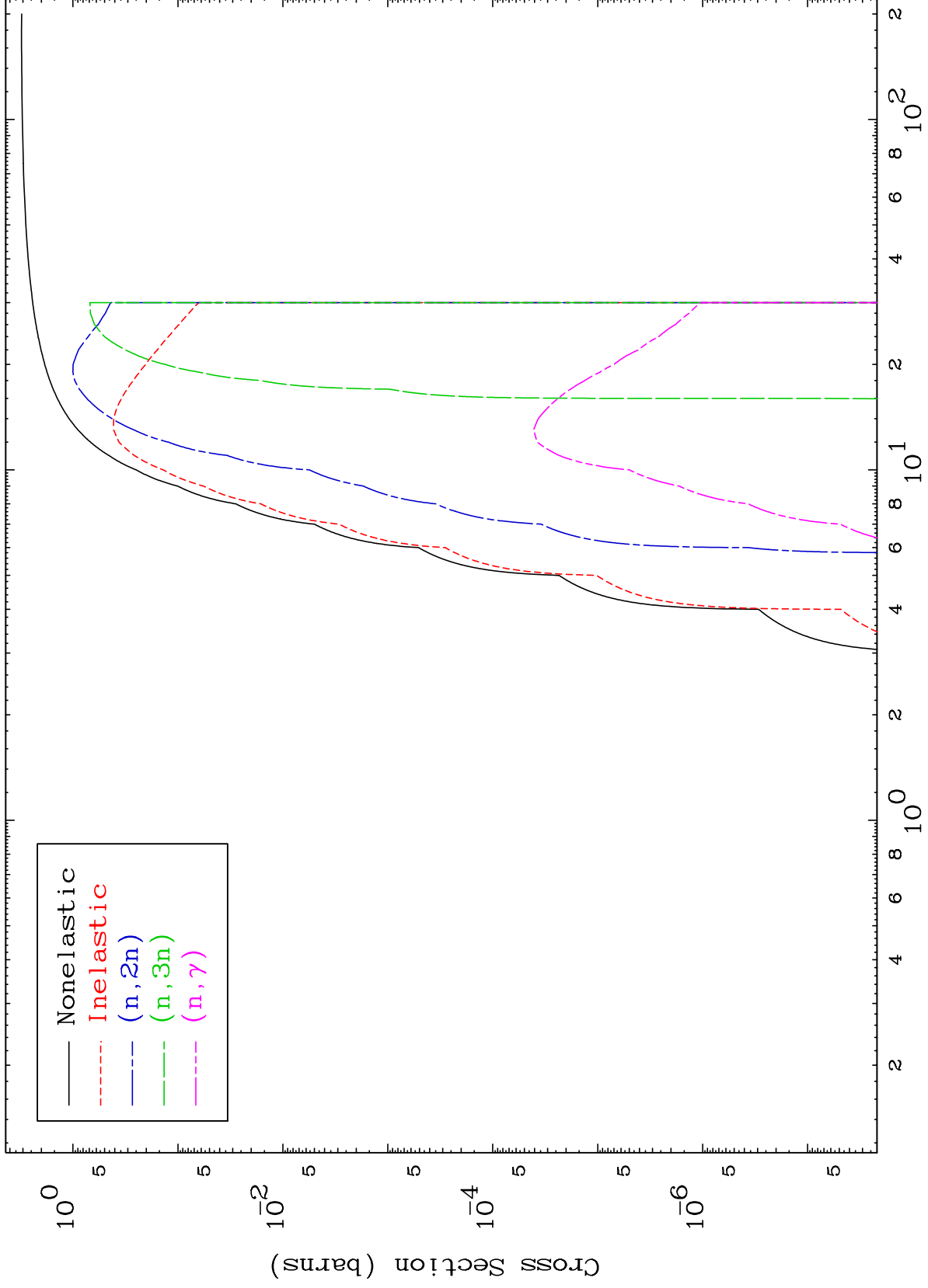
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Web:redcullen1.net/HOMEPAGE.NEW

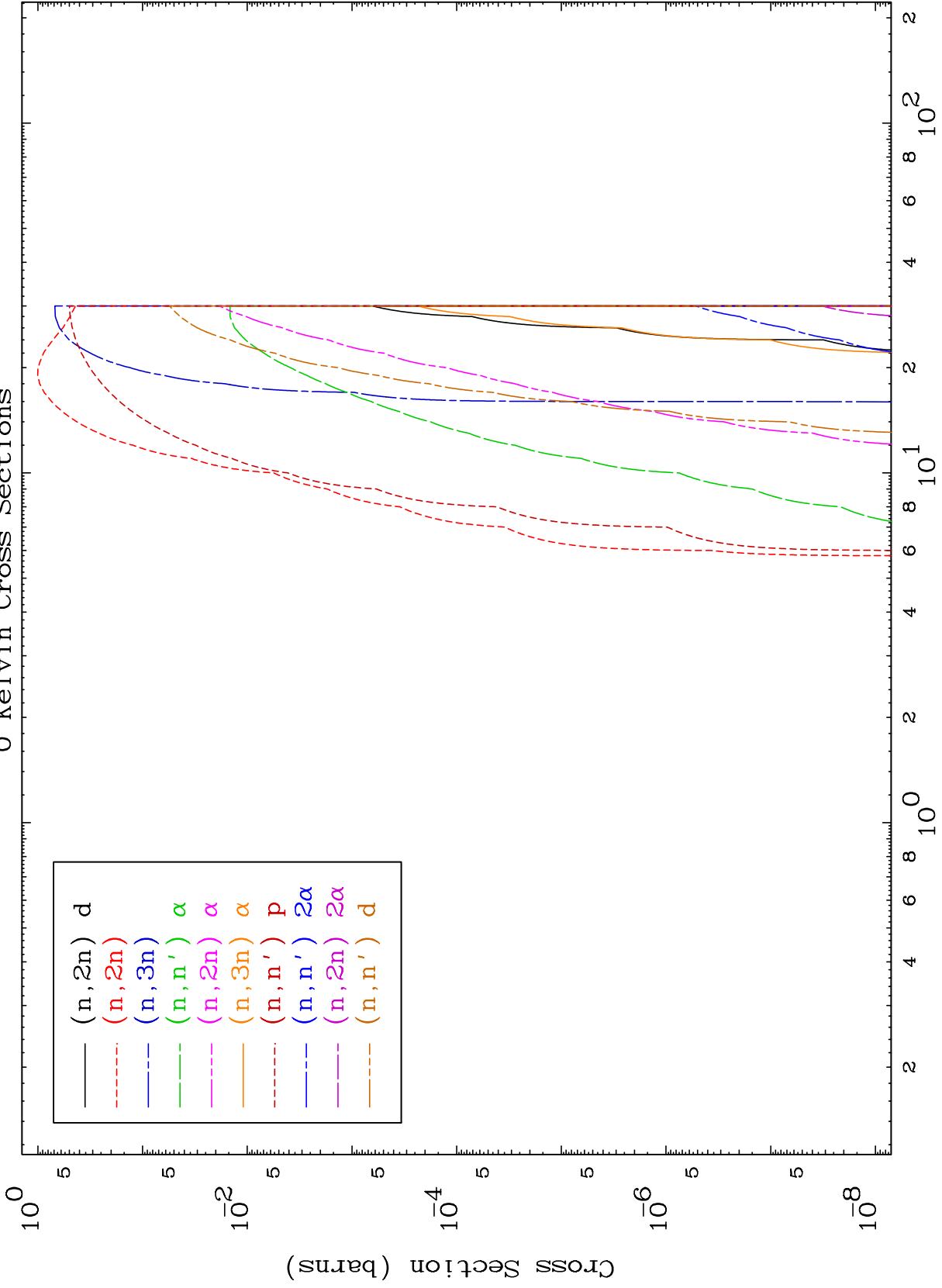
Press Mouse Button to Start

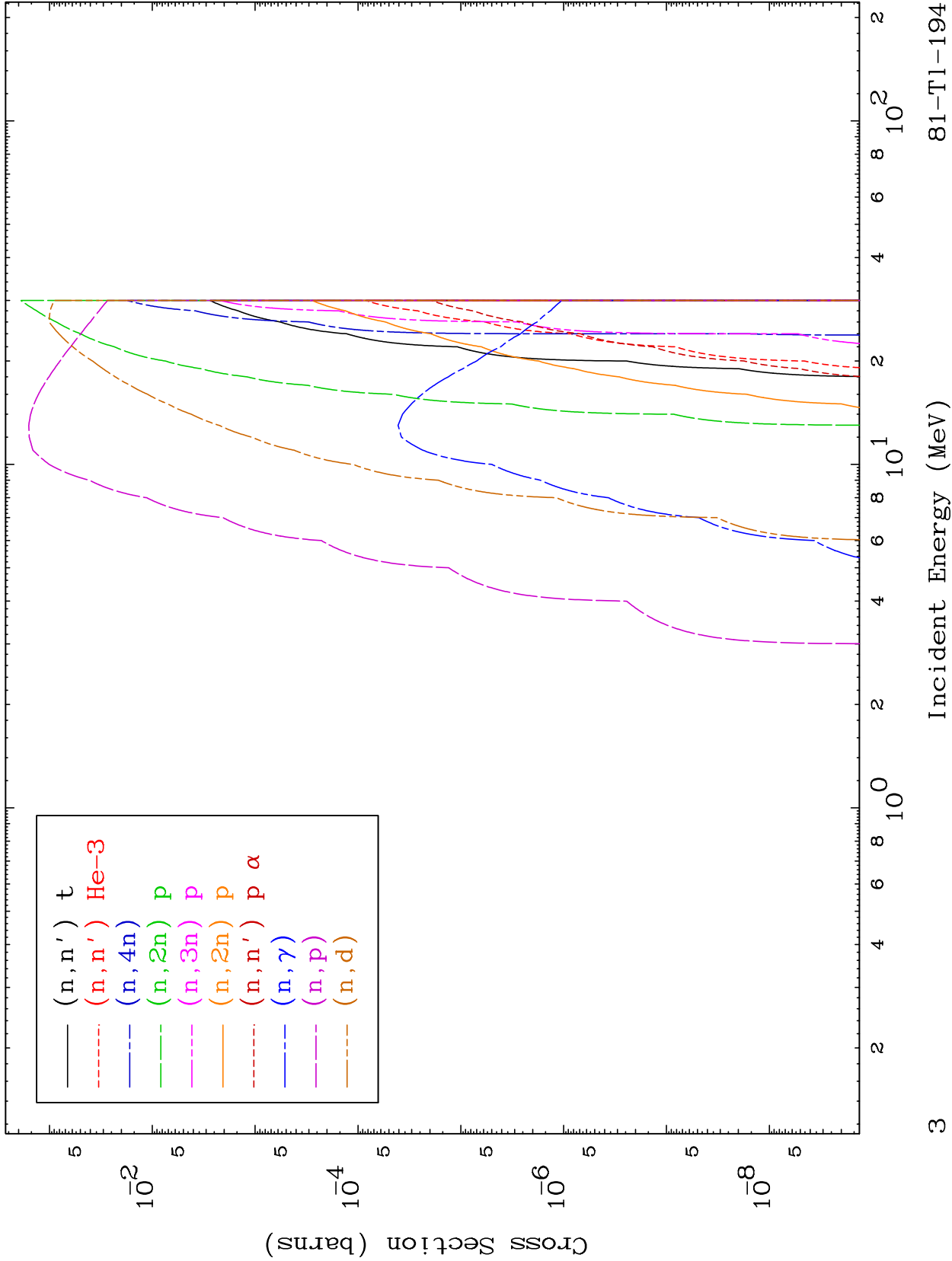


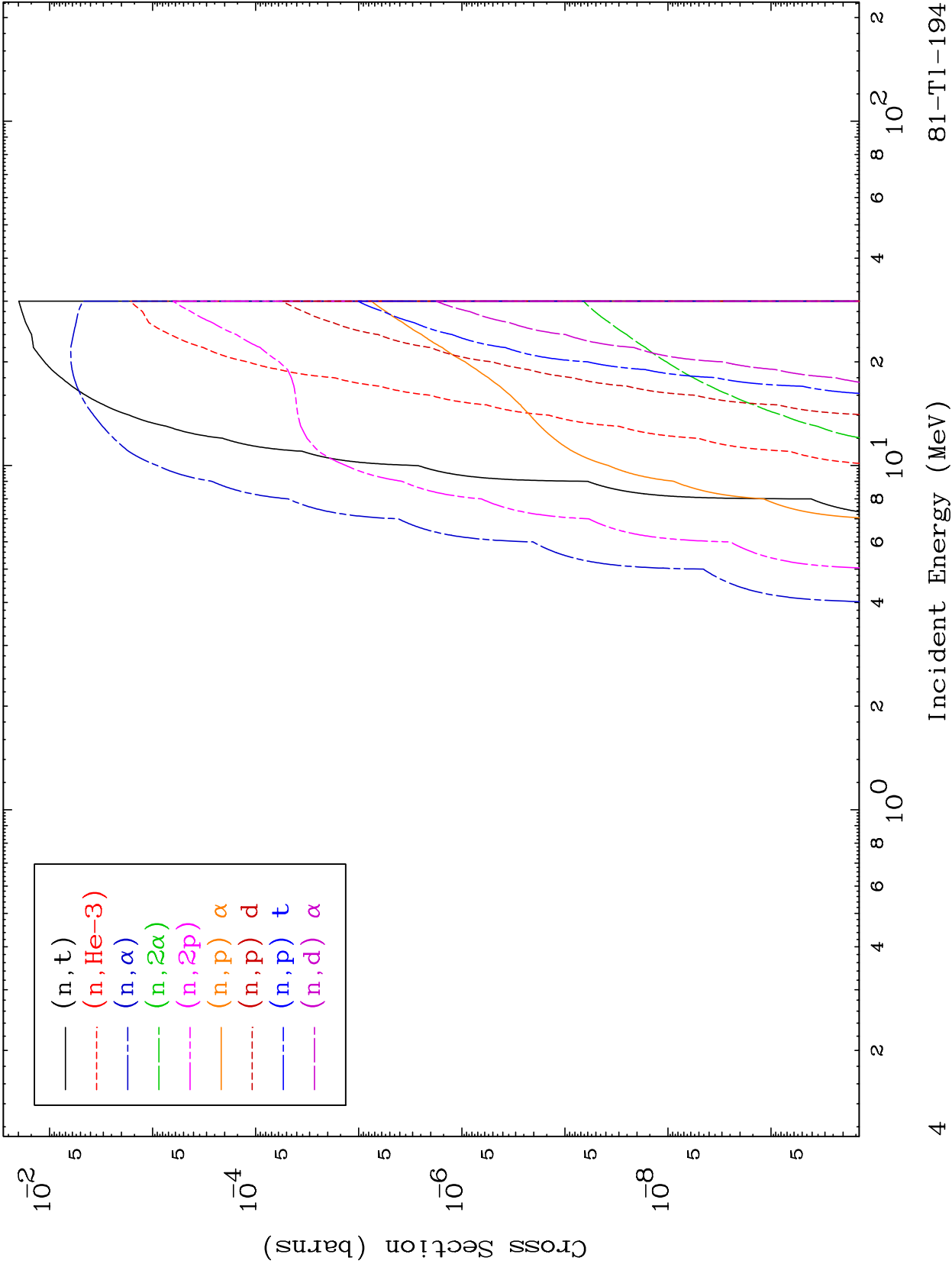
MAT 8098

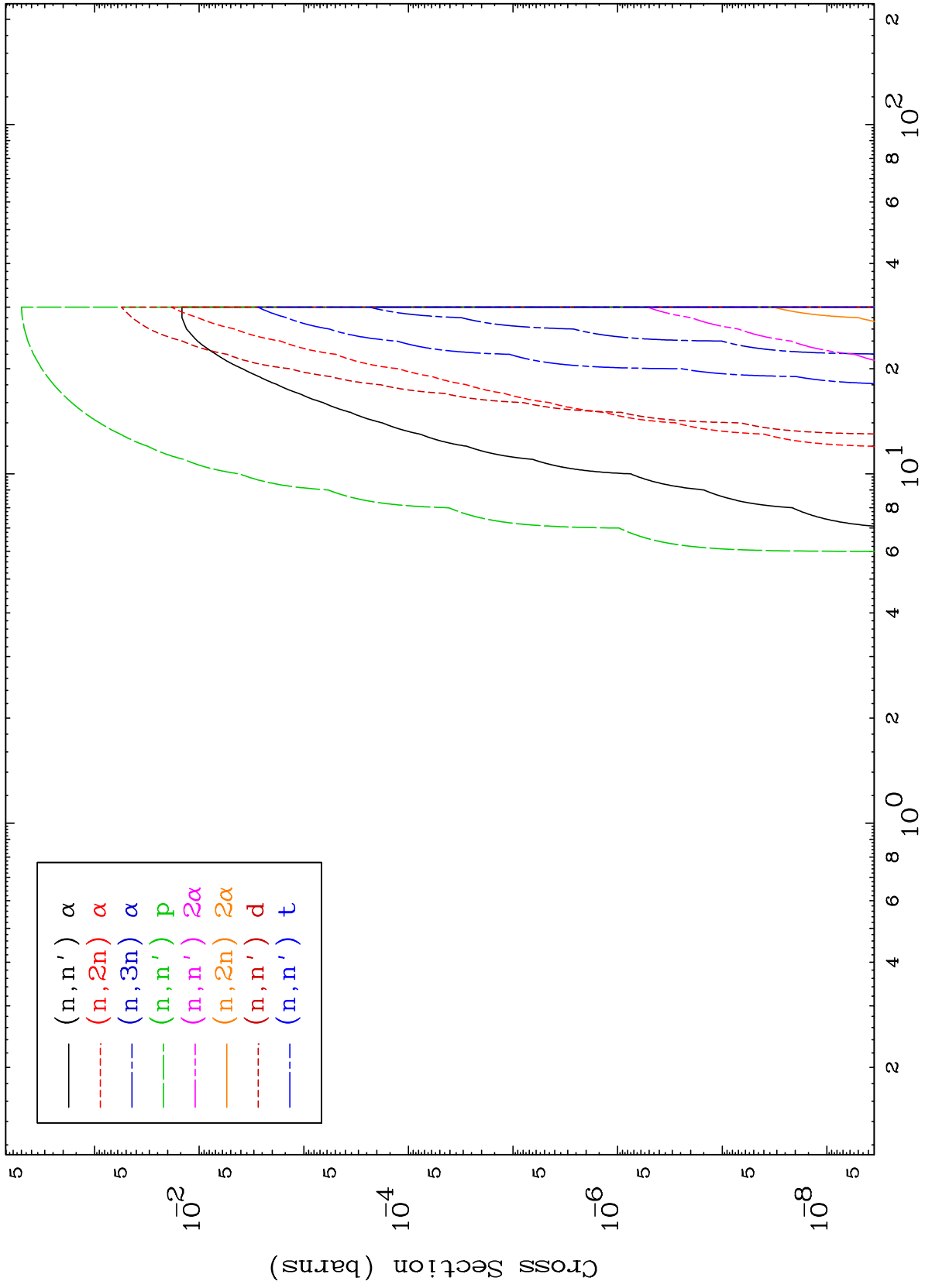
Deuteron Neutron Absorption
0 Kelvin Cross Sections

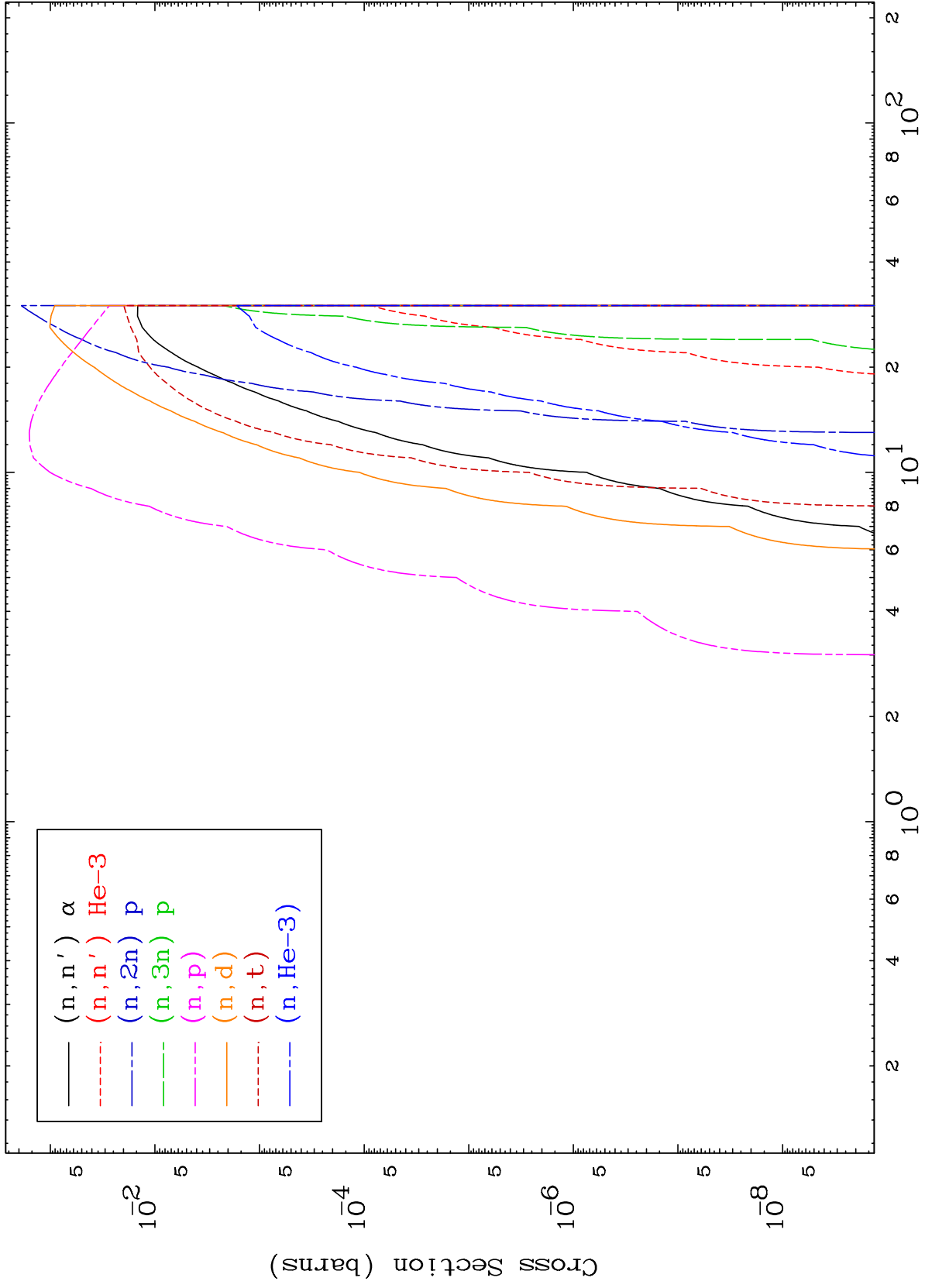
81-Tl-194

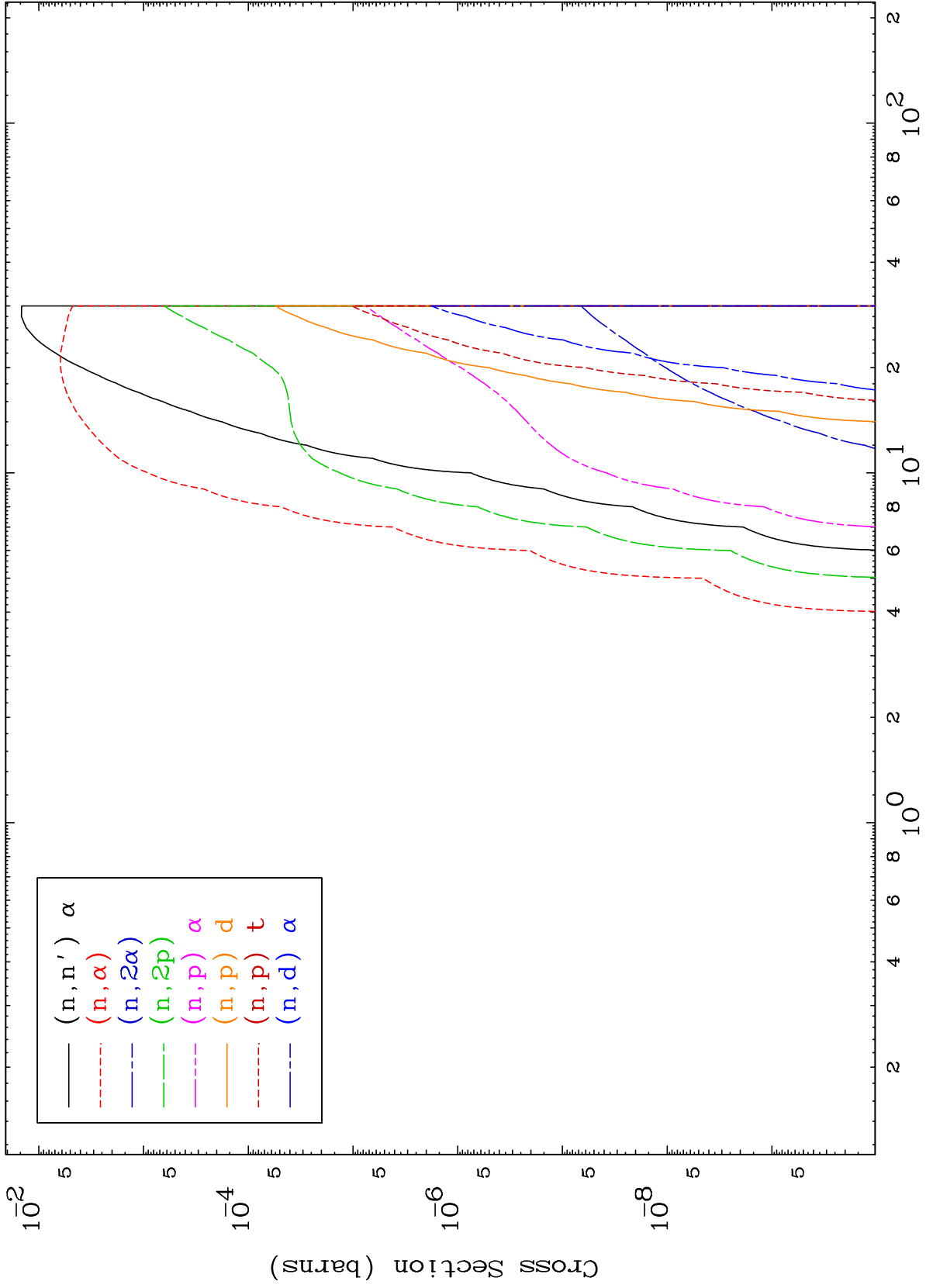










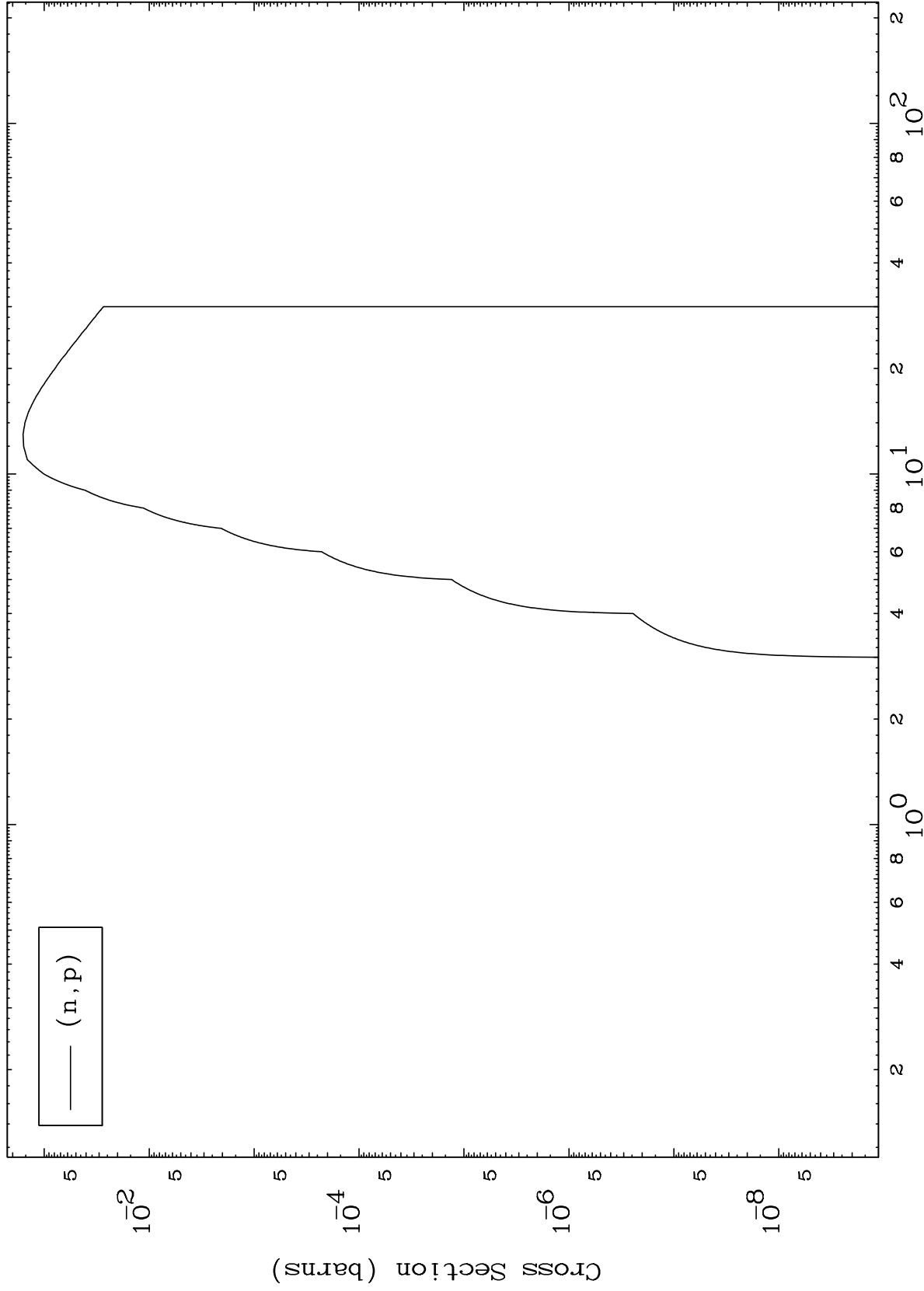


MAT 8098

(d,p) Levels

81-Tl-194

0 Kelvin Cross Sections



8

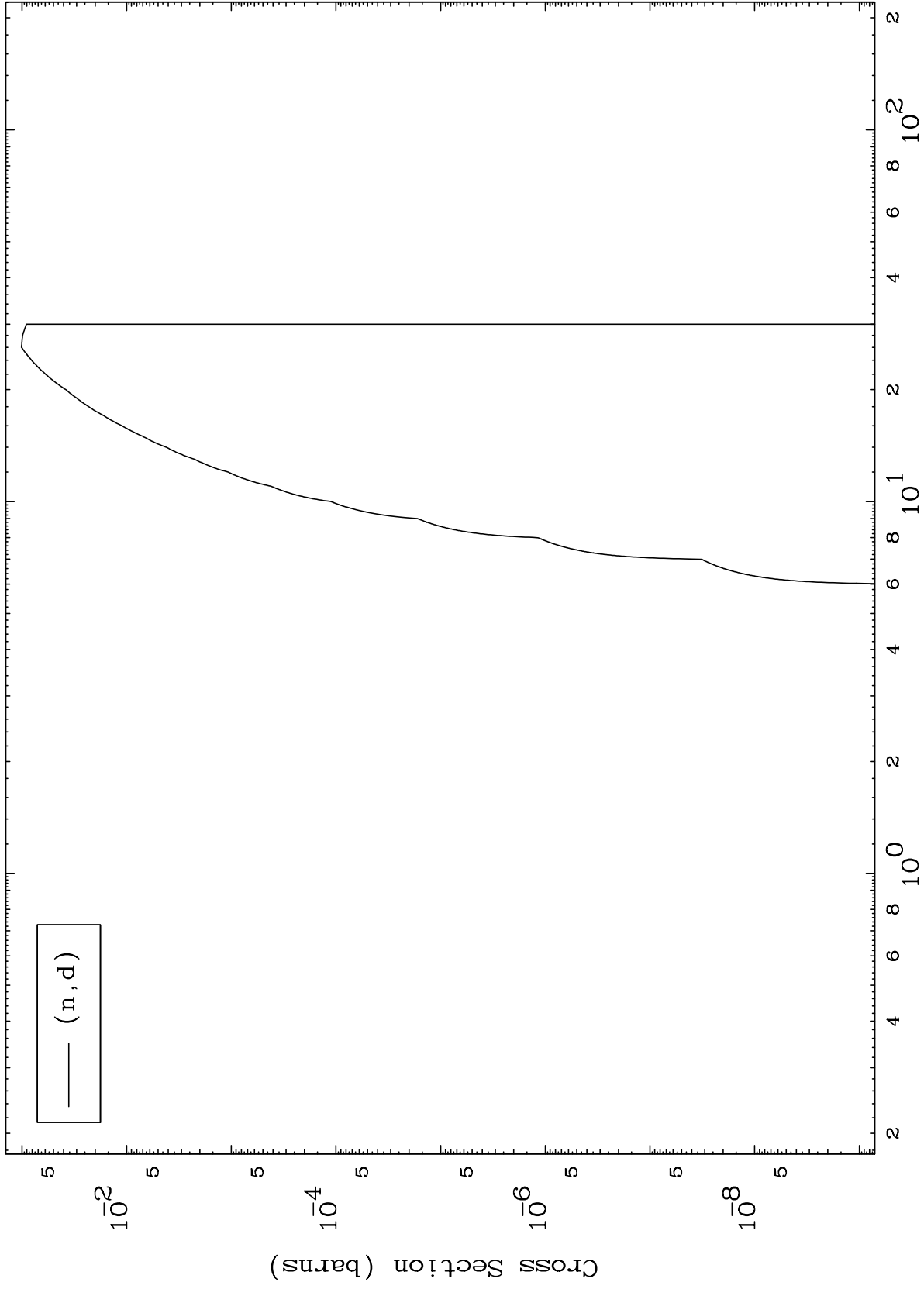
Incident Energy (MeV)

81-Tl-194

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(d,d) Levels
0 Kelvin Cross Sections

81-Tl-194



9

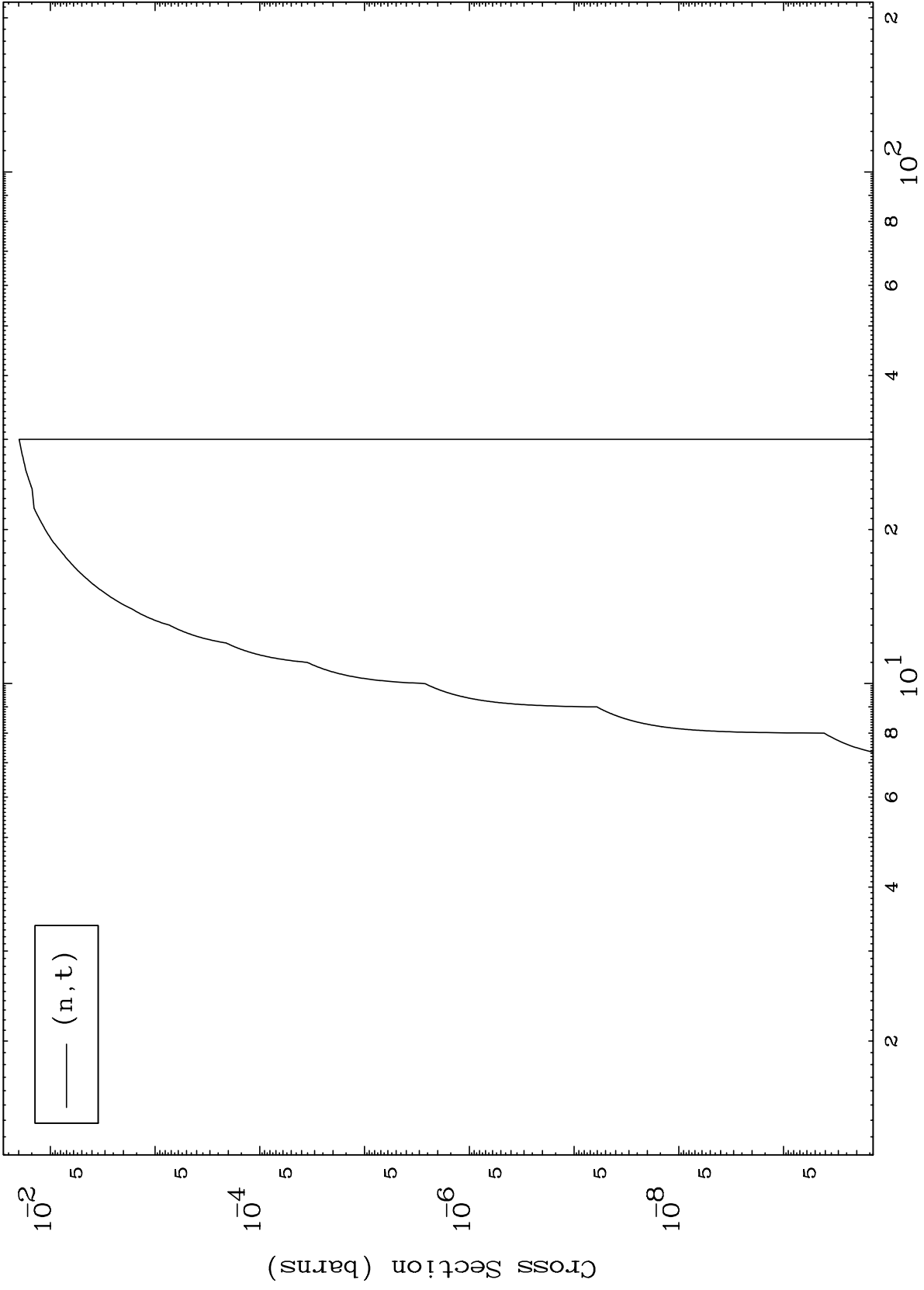
Incident Energy (MeV)

81-Tl-194

MAT 8098

(d,t) Levels
0 Kelvin Cross Sections

81-Tl-194



10

Incident Energy (MeV)

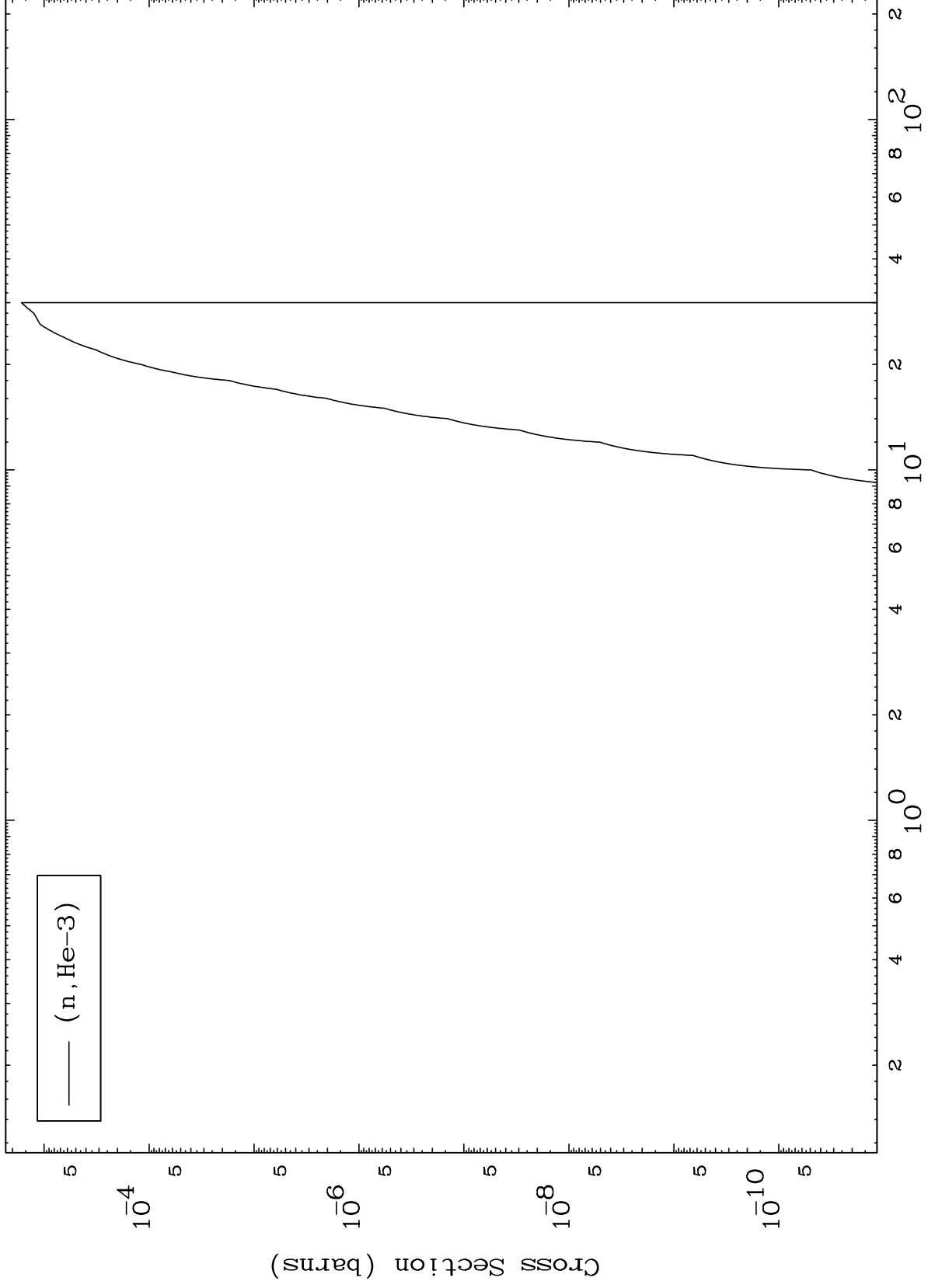
81-Tl-194

MAT 8098

(d,He3) Levels

81-Tl-194

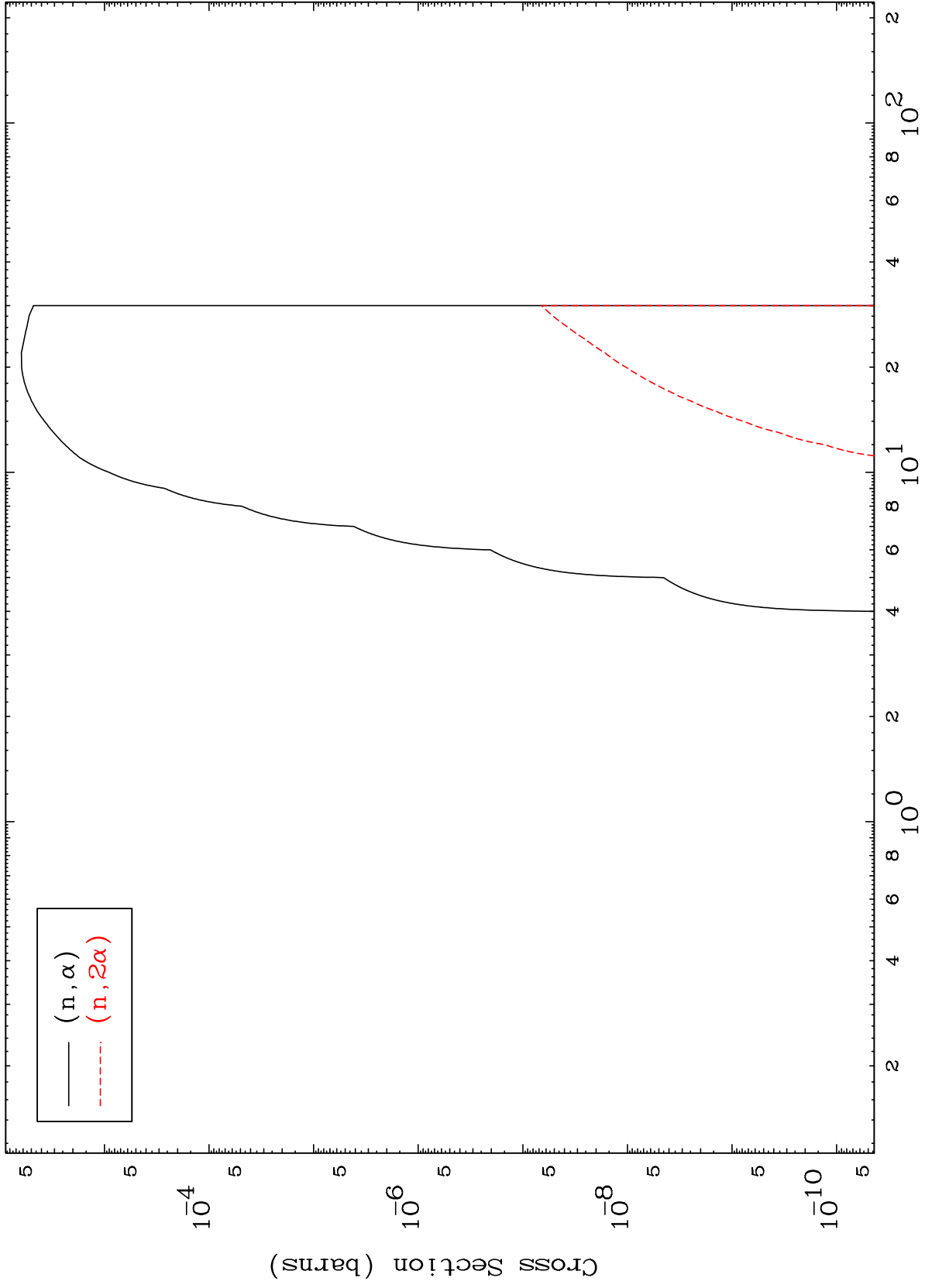
0 Kelvin Cross Sections



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(d, α) Levels
0 Kelvin Cross Sections

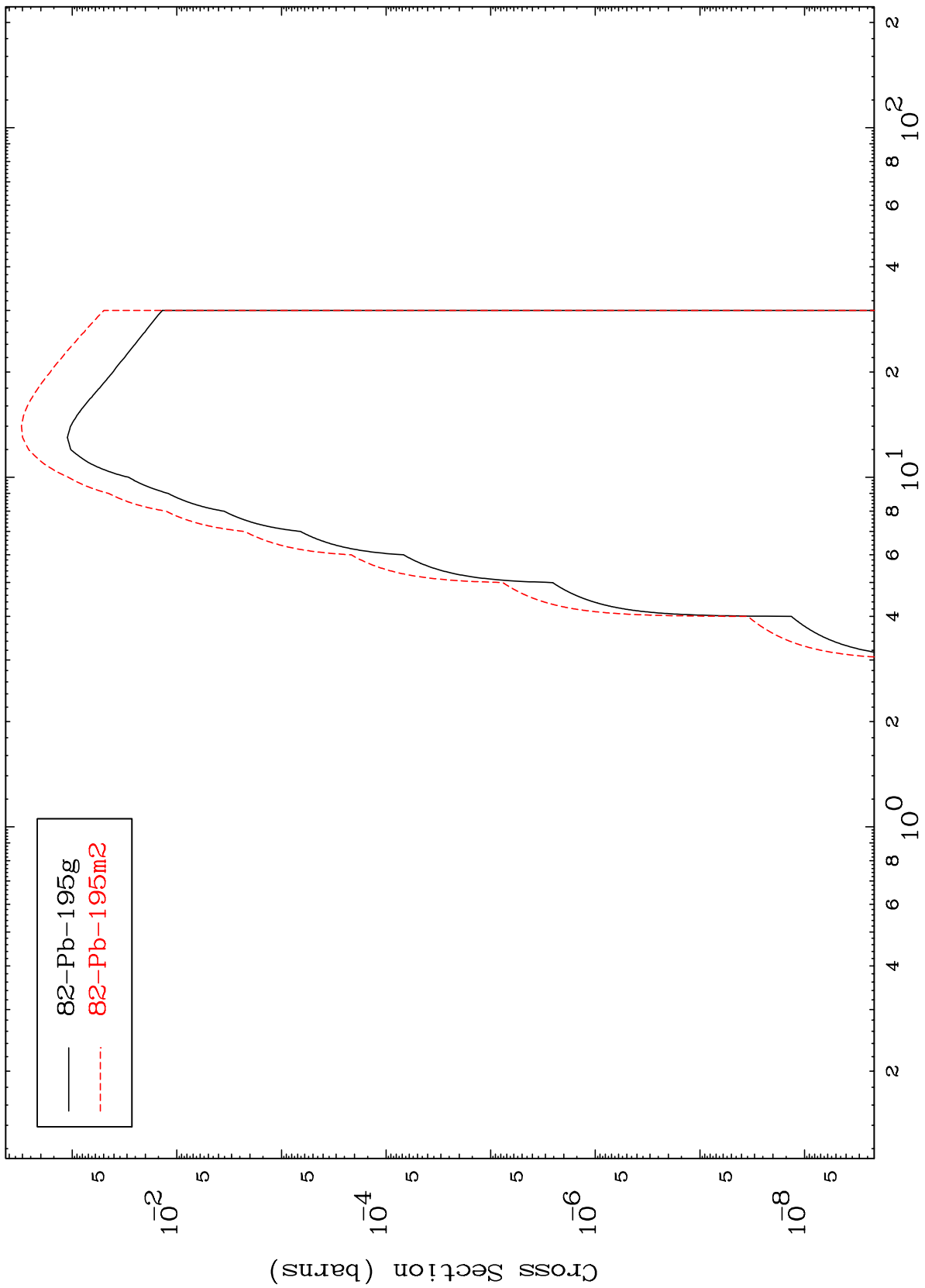
81-Tl-194



MAT 8098

81-Tl-194

Inelastic
Radionuclide Production Cross Section

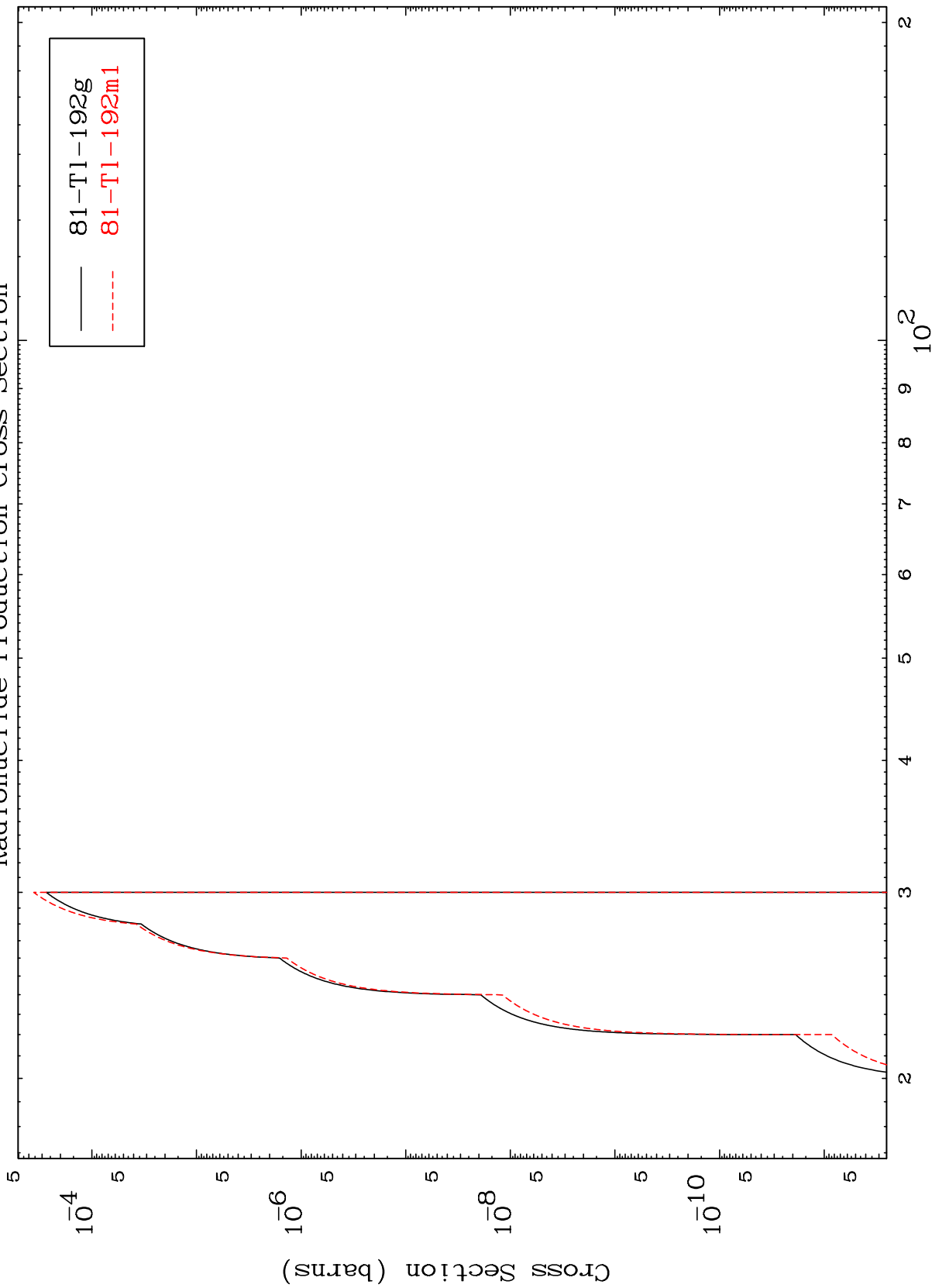


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(n,2n) d

81-Tl-194

Radionuclide Production Cross Section



14

Incident Energy (MeV)

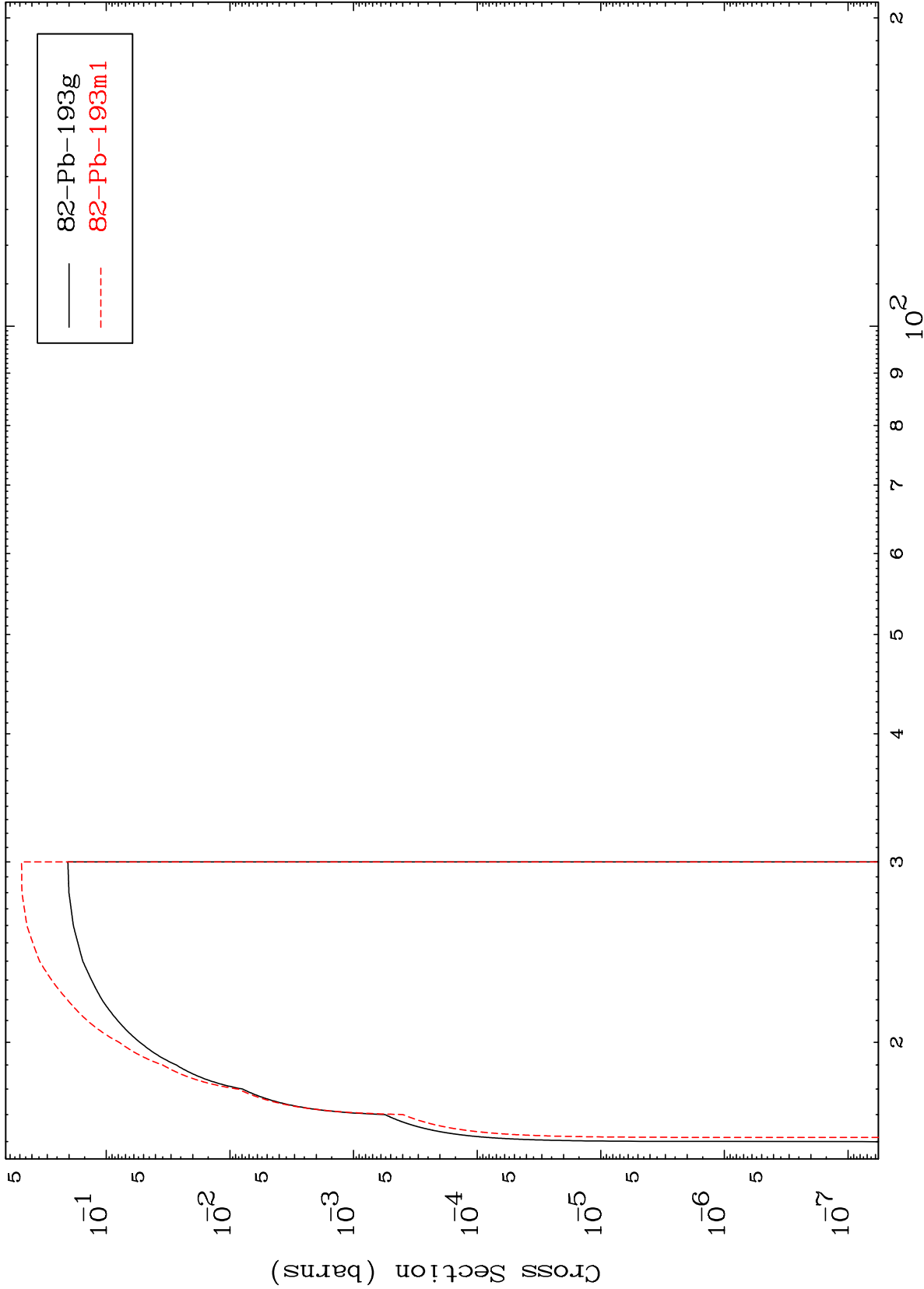
81-Tl-194

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(n,3n)

81-Tl-194

Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

15

Incident Energy (MeV)

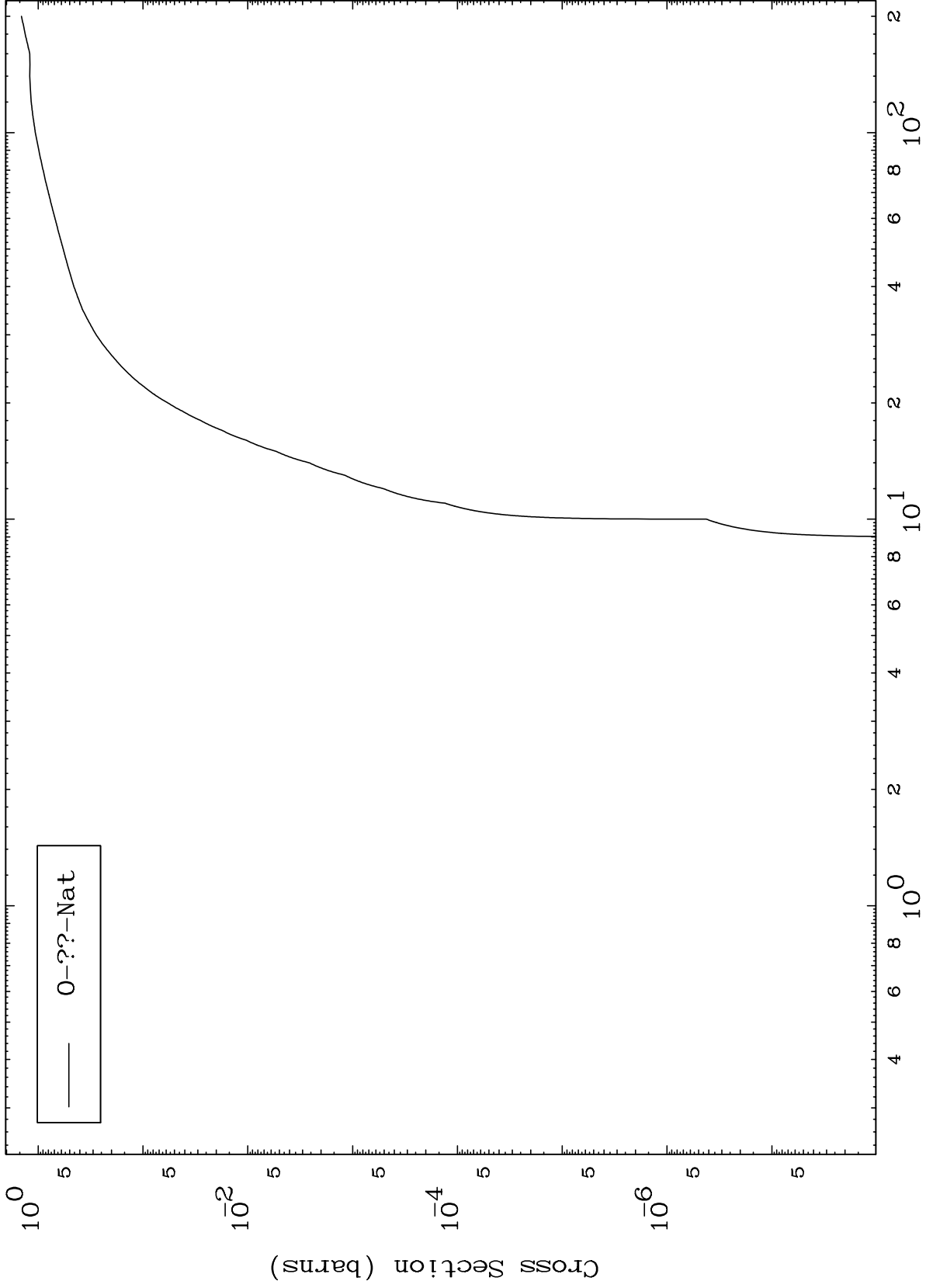
81-Tl-194

MAT 8098

Fission

81-Tl-194

Radionuclide Production Cross Section

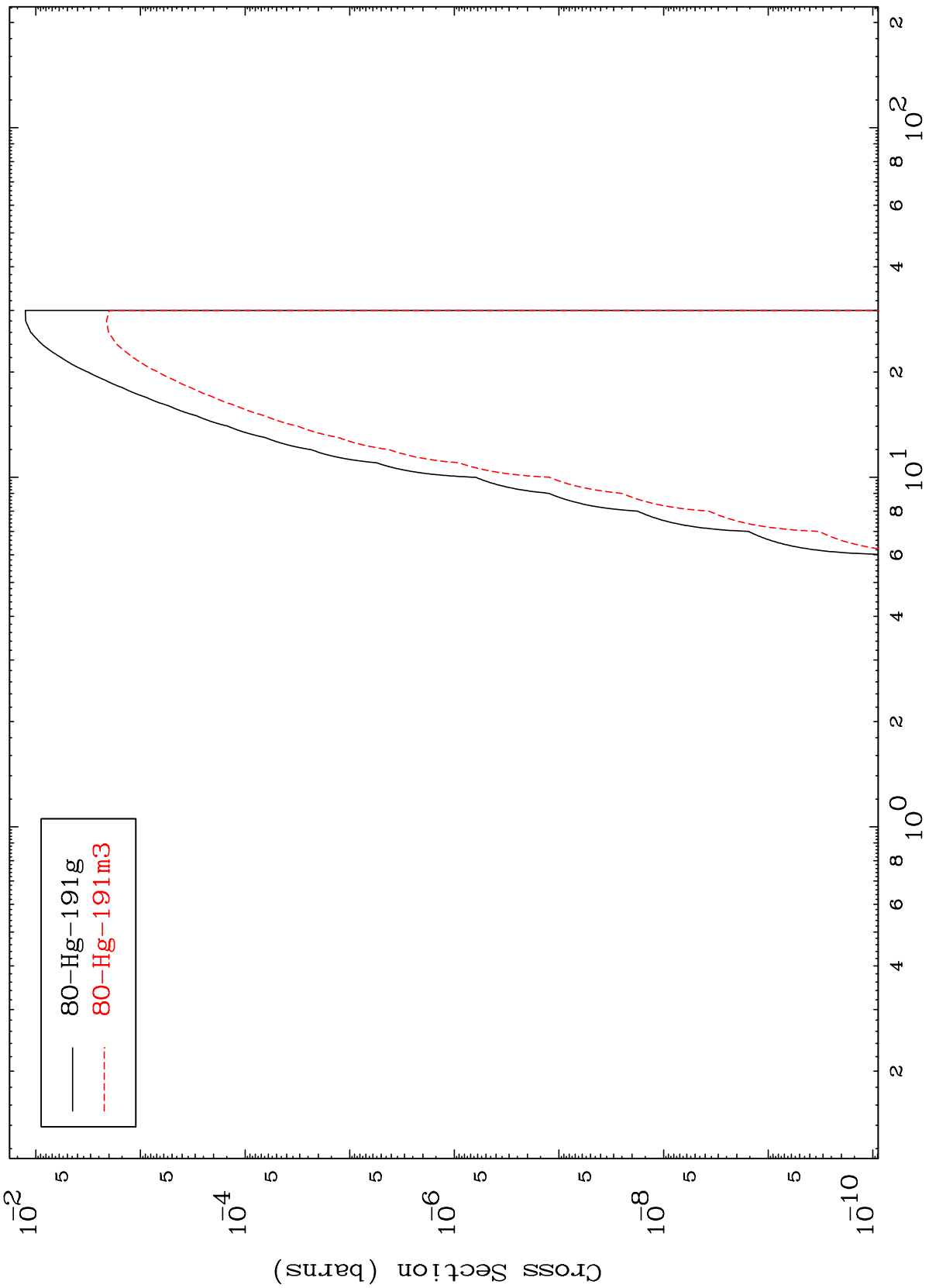


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$(n, n') \alpha$

81-Tl-194

Radionuclide Production Cross Section

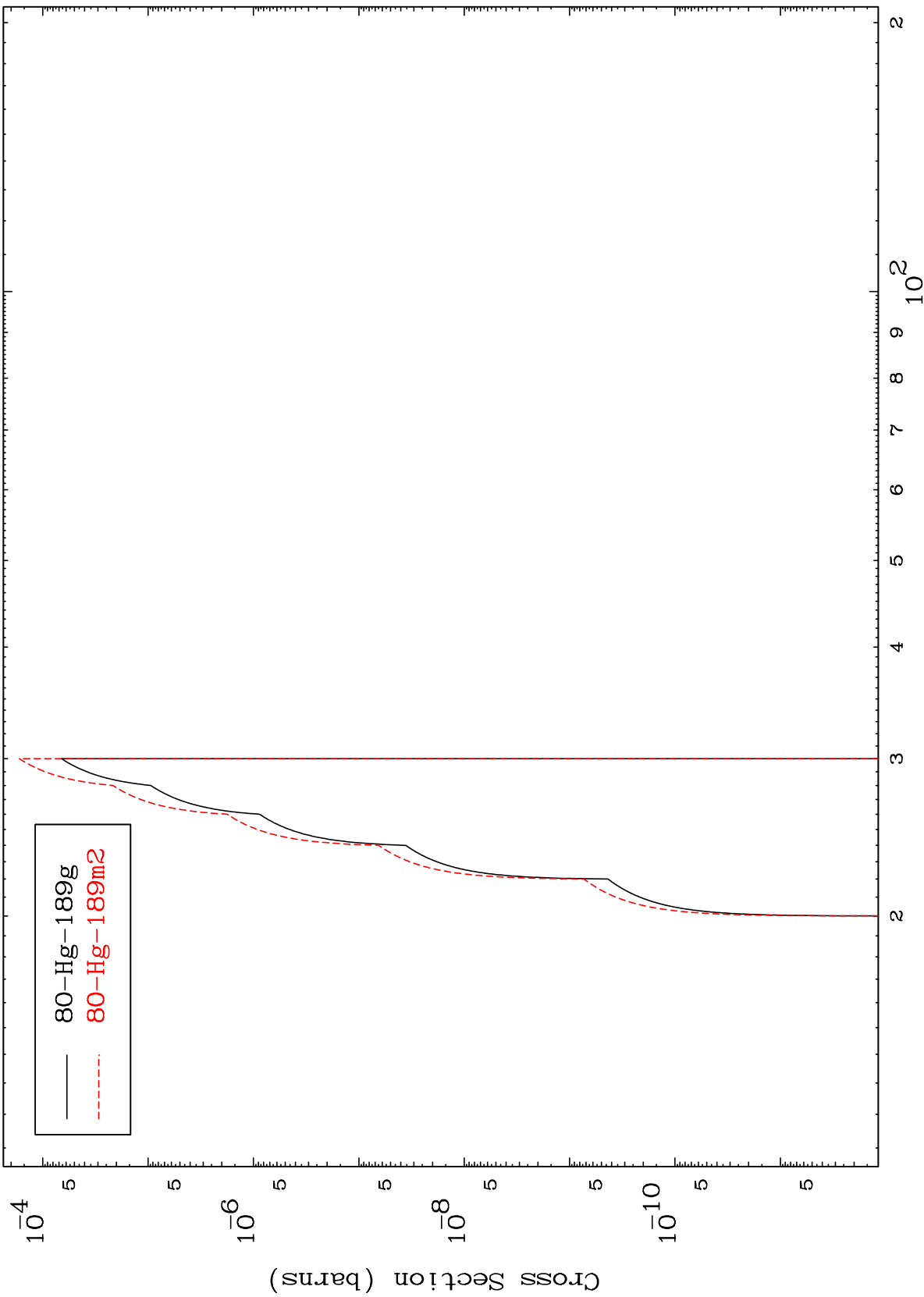


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(n,3n) α

81-Tl-194

Radionuclide Production Cross Section



18

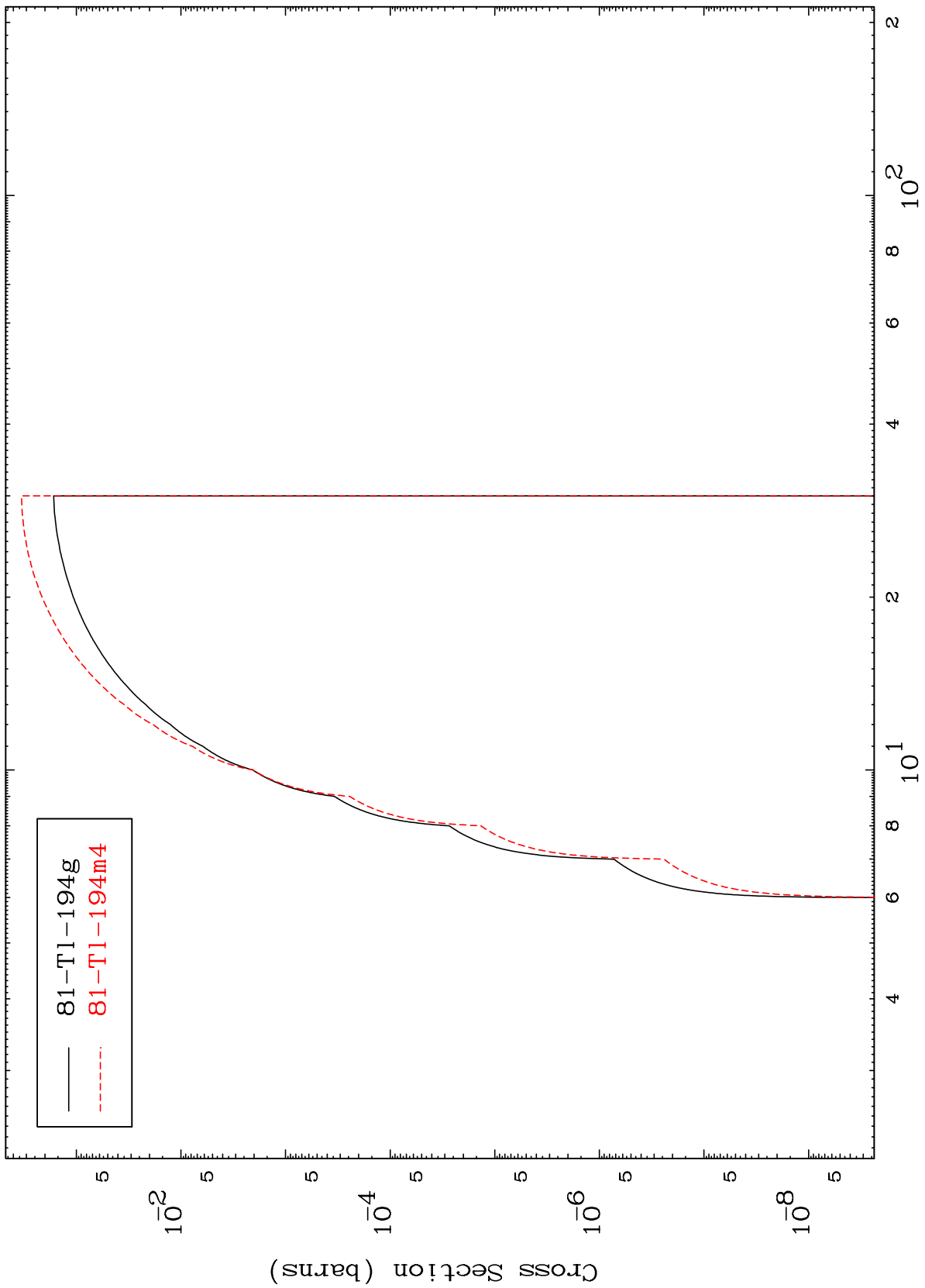
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

Radionuclide Production Cross Section



19

81-Tl-194

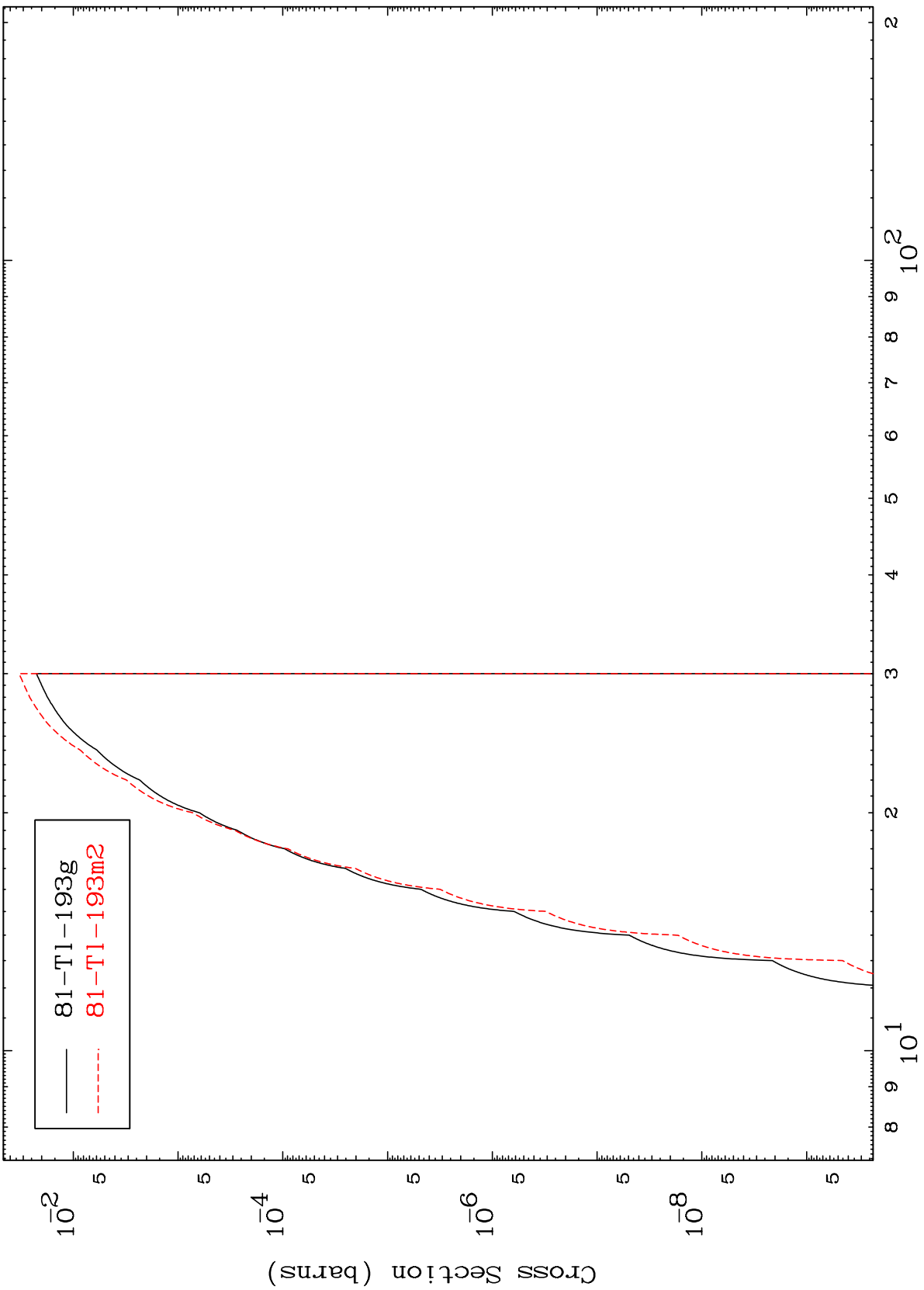
Incident Energy (MeV)

MAT 8098

(n,n') d

81-Tl-194

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

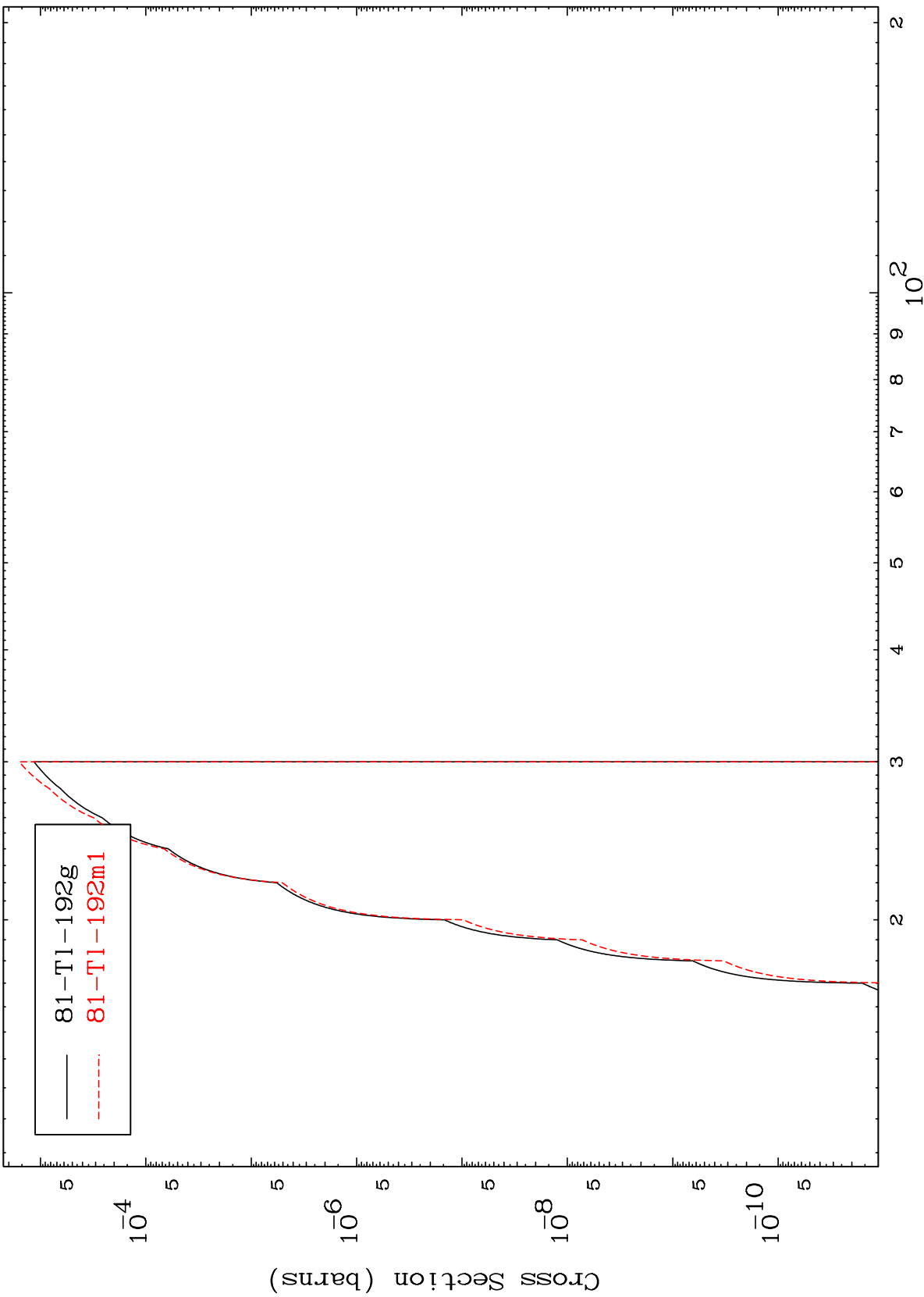
81-Tl-194

MAT 8098

(n,n') t

81-Tl-194

Radionuclide Production Cross Section

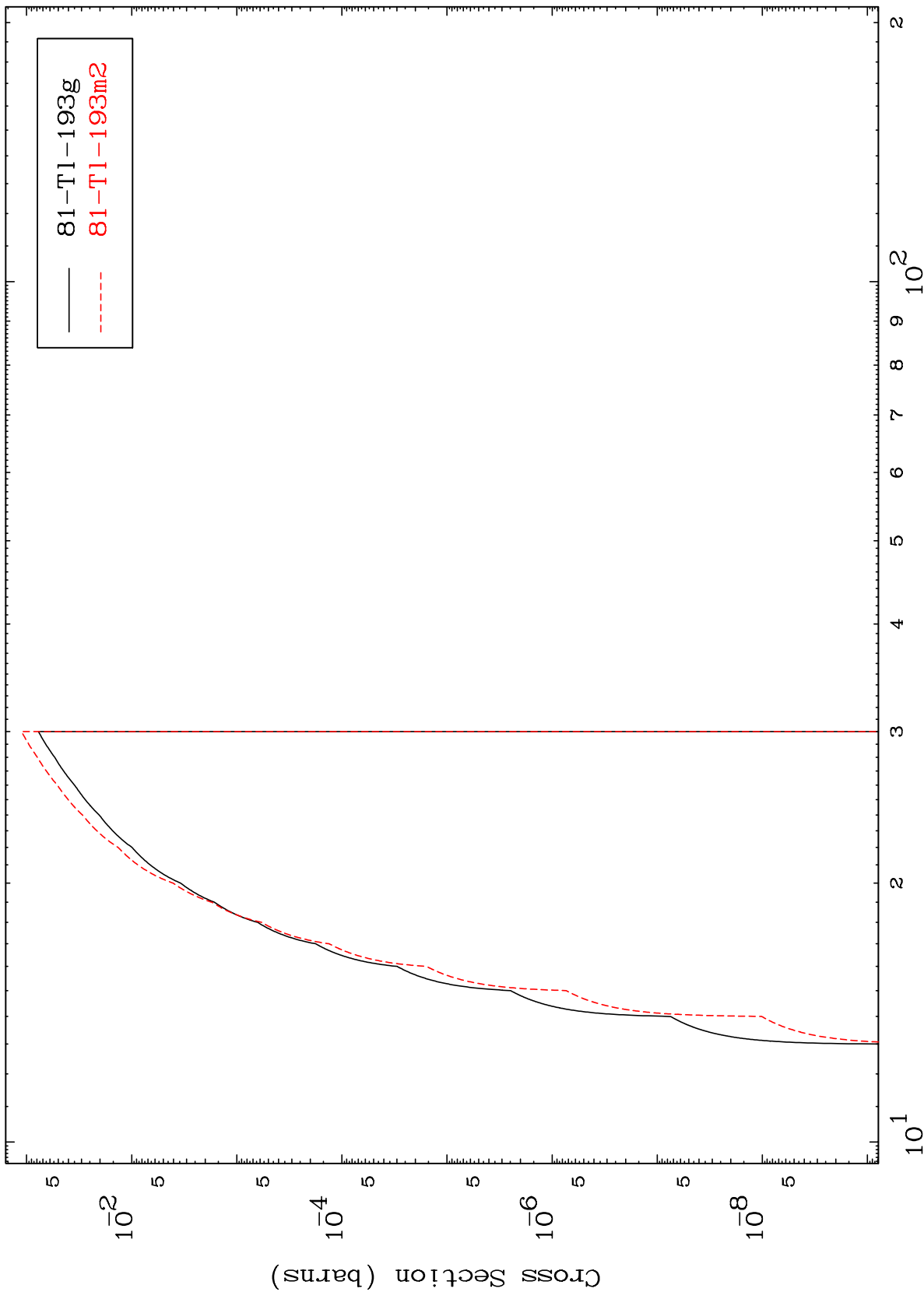


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(n,2n) p

81-Tl-194

Radionuclide Production Cross Section



22

Incident Energy (MeV)

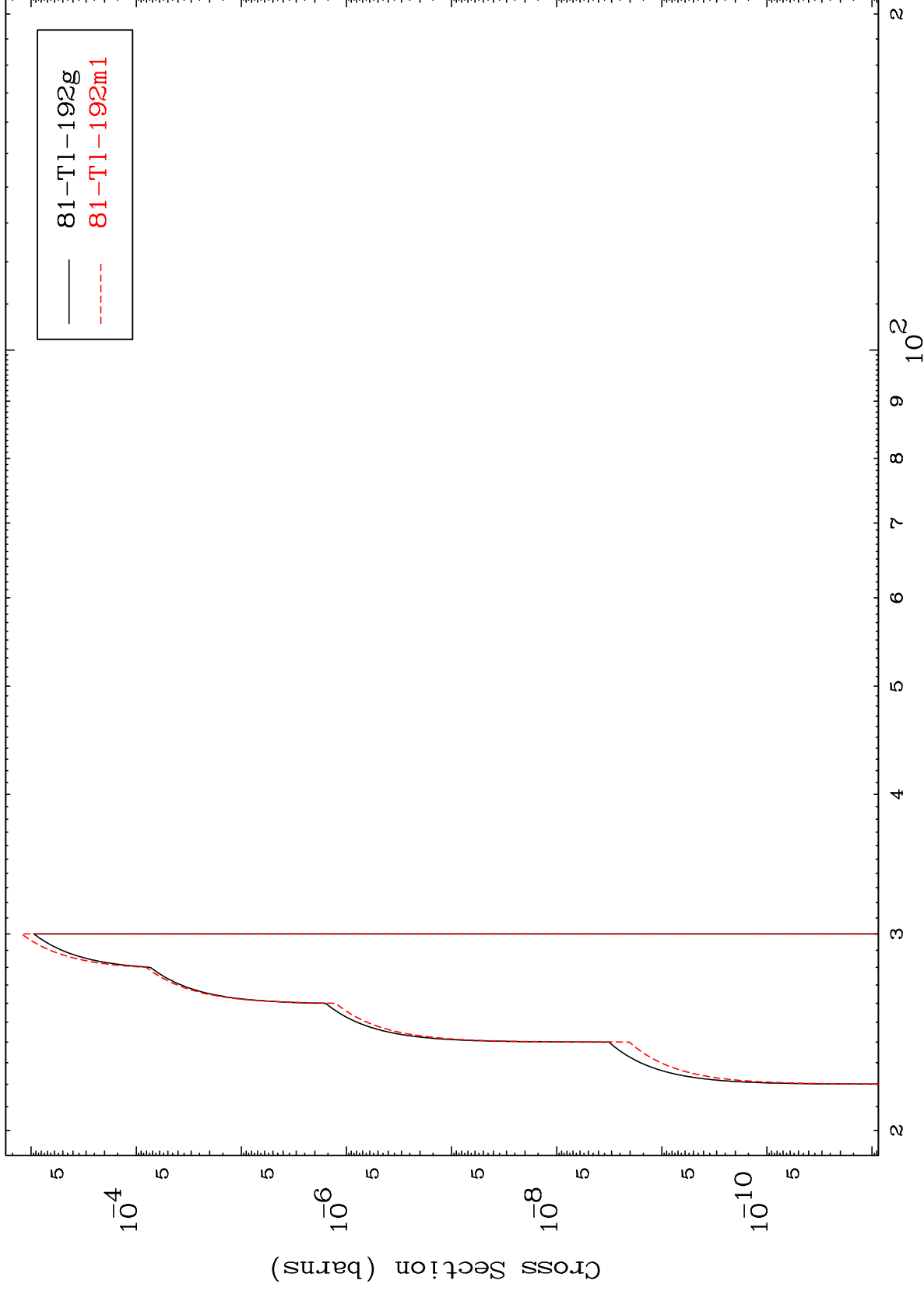
81-Tl-194

MAT 8098

(n,3n) p

81-Tl-194

Radionuclide Production Cross Section



23

Incident Energy (MeV)

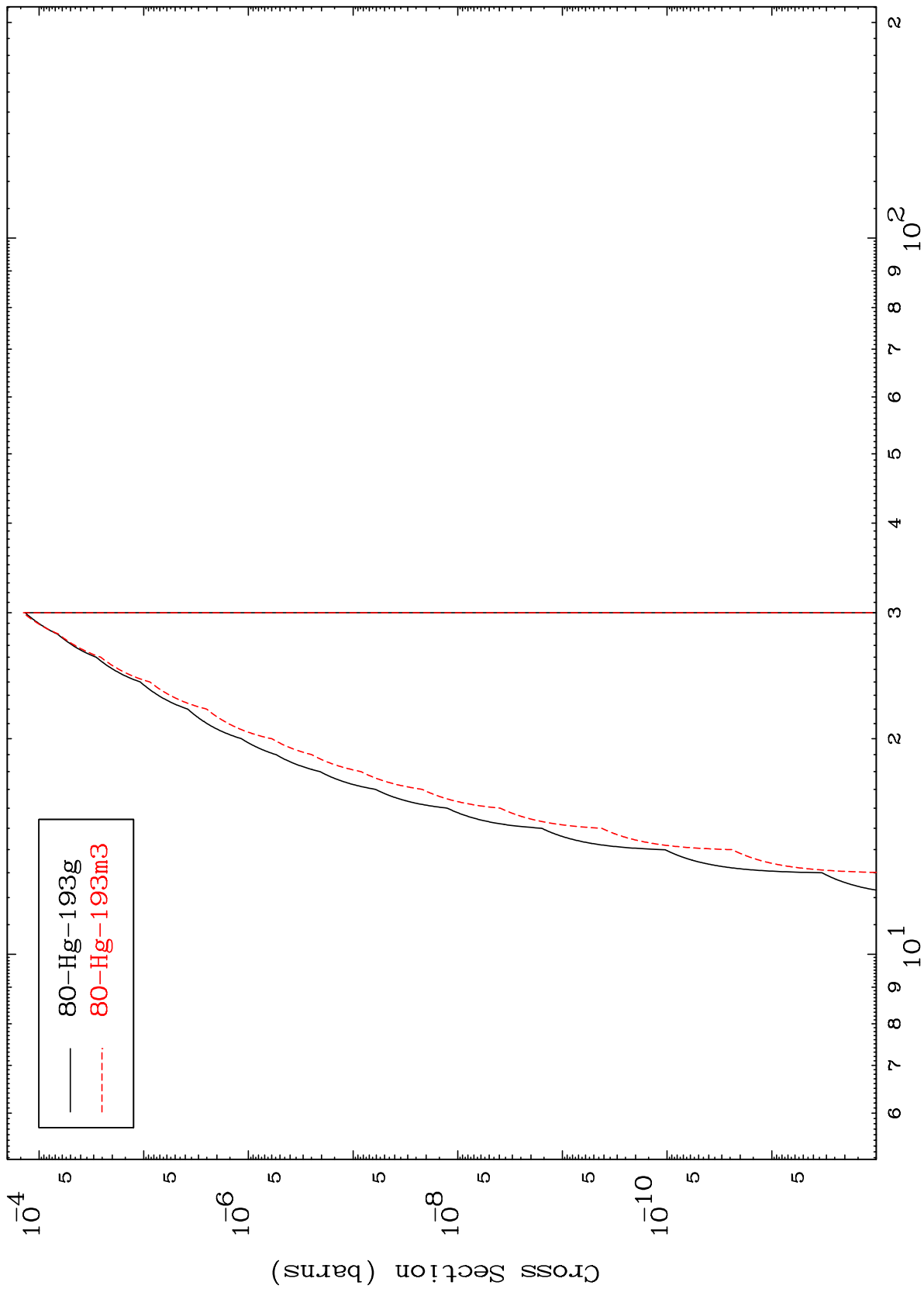
81-Tl-194

MAT 8098

(n,2n) p

81-Tl-194

Radionuclide Production Cross Section



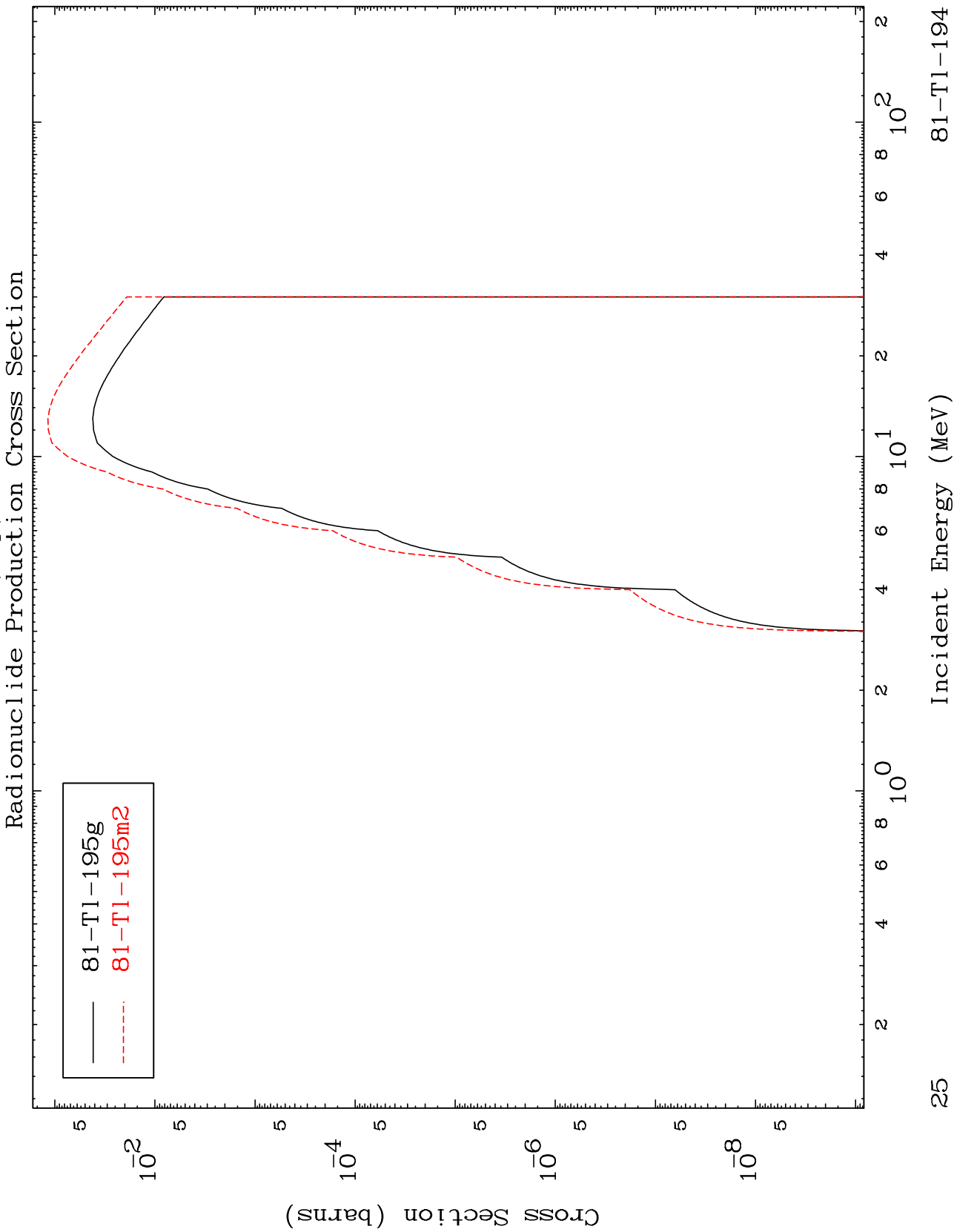
24

Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

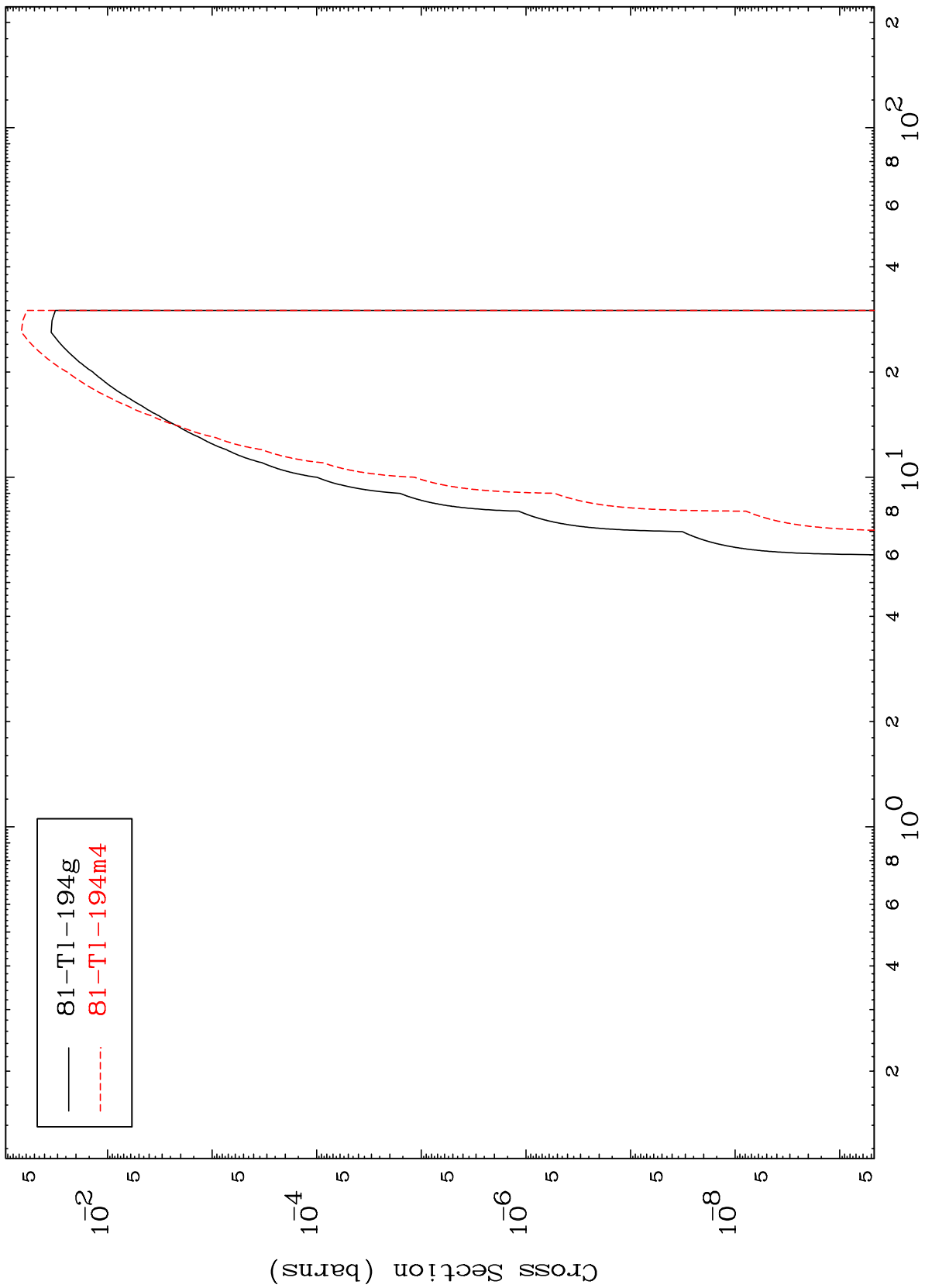


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(n,d)

81-Tl-194

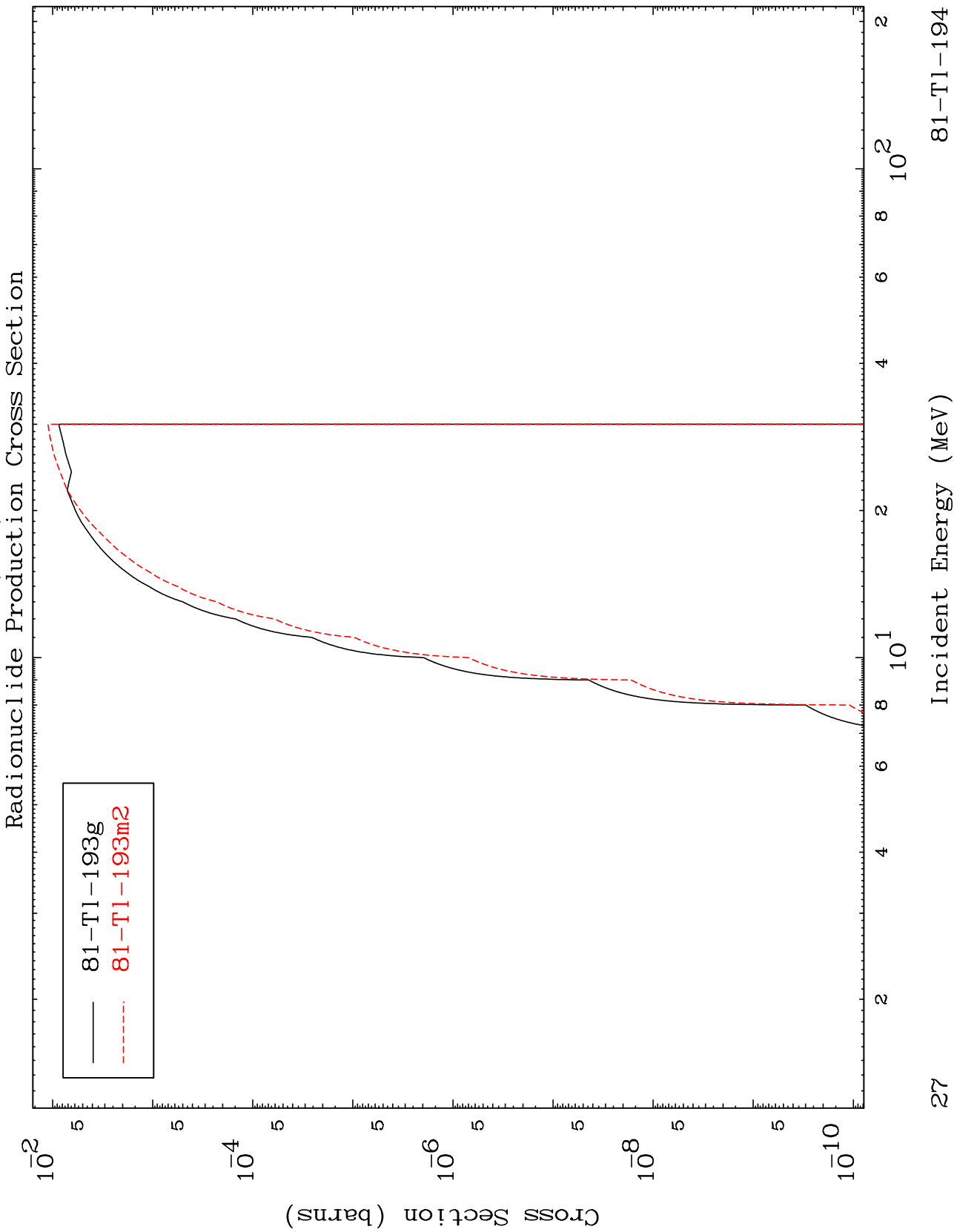
Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m4

MAT 8098

81-Tl-194

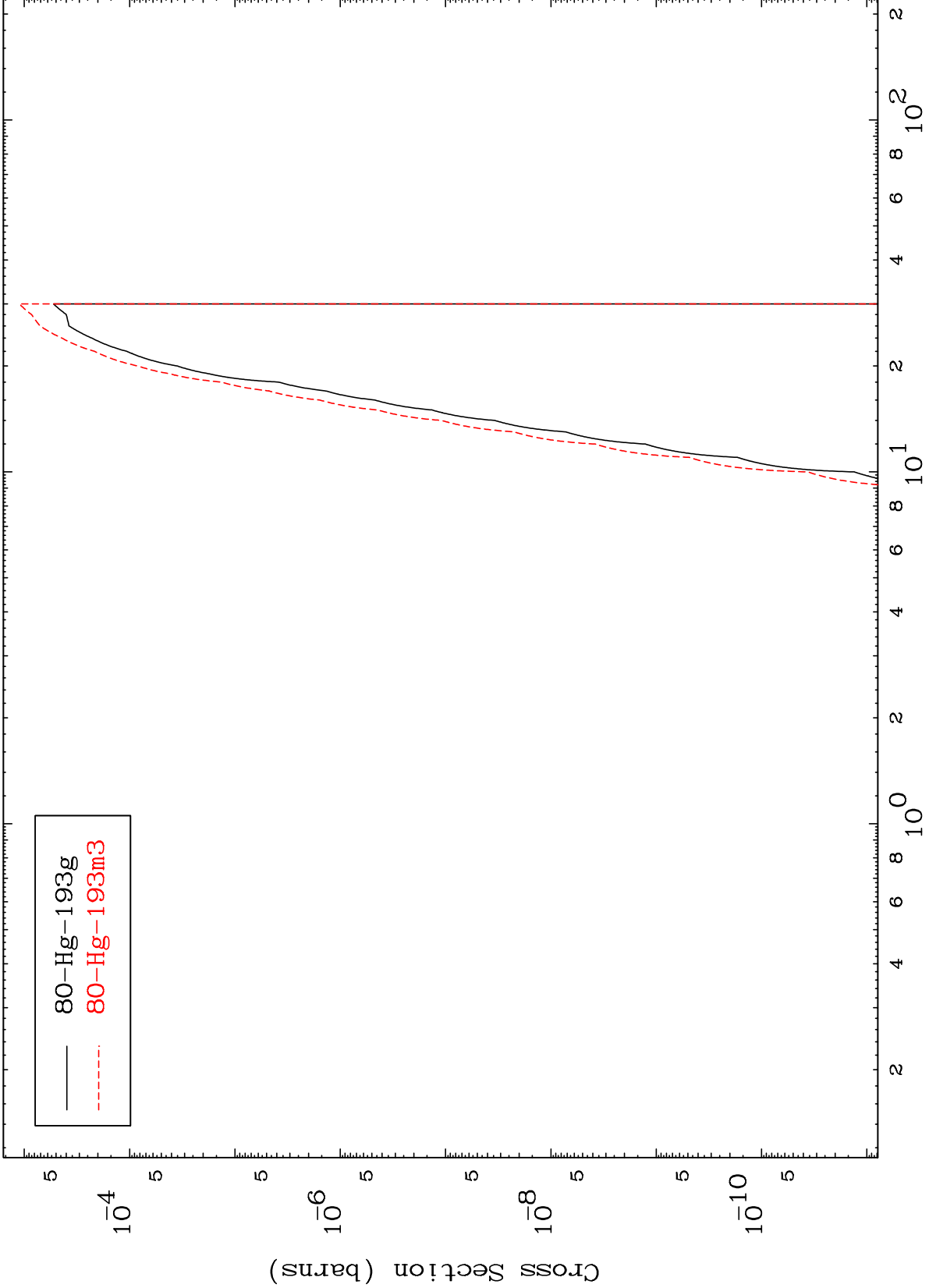


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(n,He-3)

81-Tl-194

Radionuclide Production Cross Section



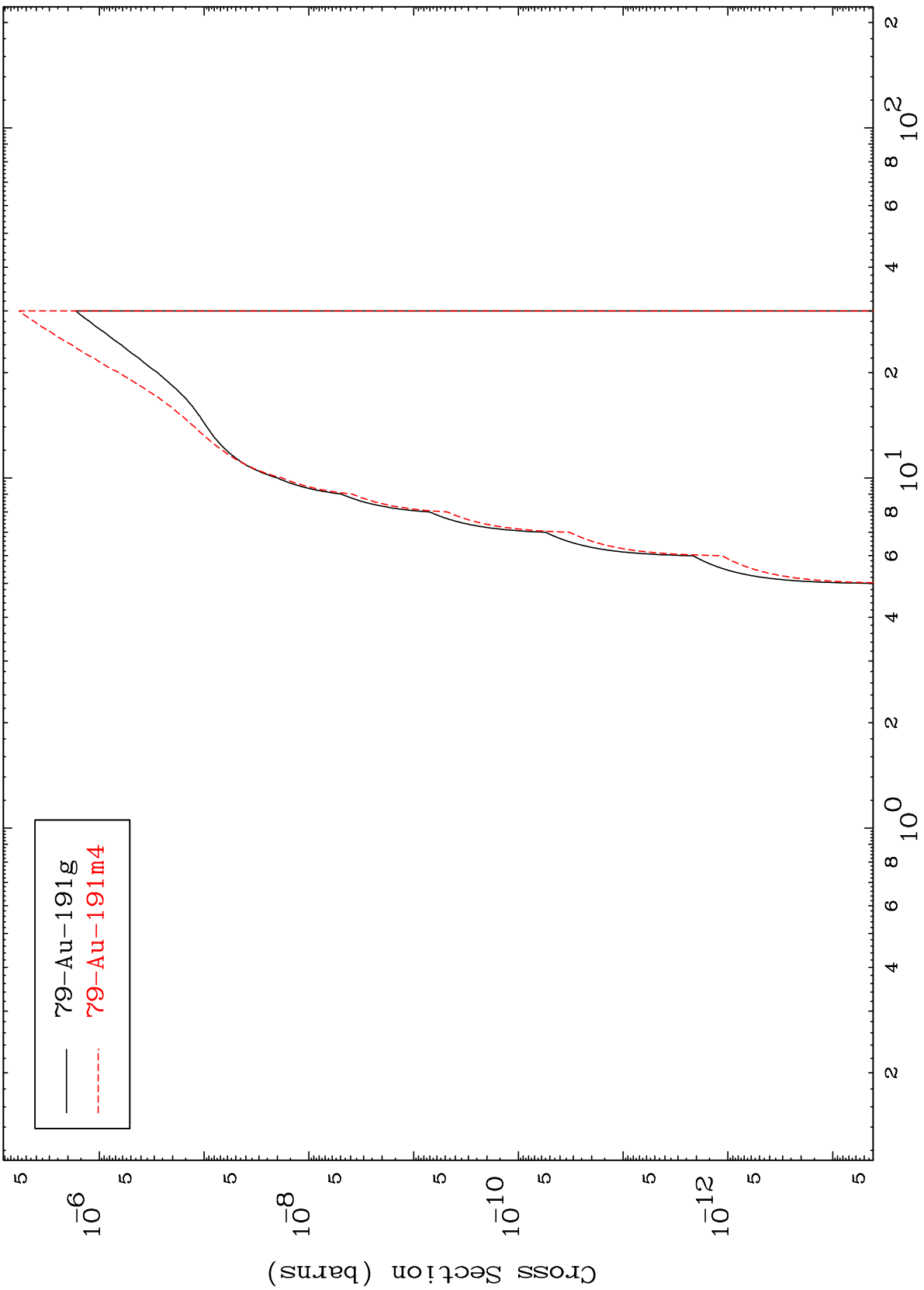
80-Hg-193g
80-Hg-193m3

MAT 8098

(n,p) α

81-Tl-194

Radionuclide Production Cross Section

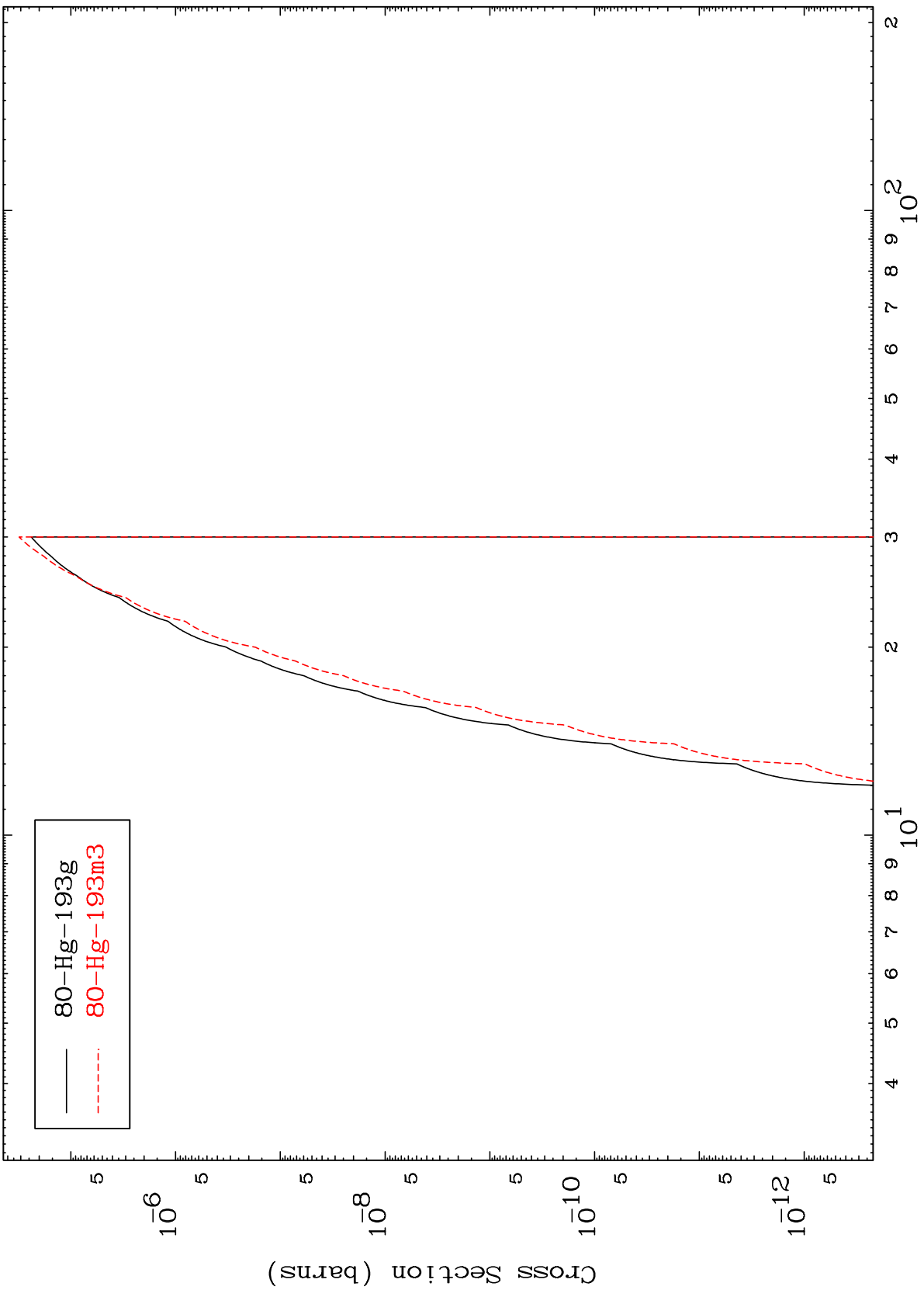


MAT 8098

(n,p) d

81-Tl-194

Radionuclide Production Cross Section



30

Incident Energy (MeV)

81-Tl-194