

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

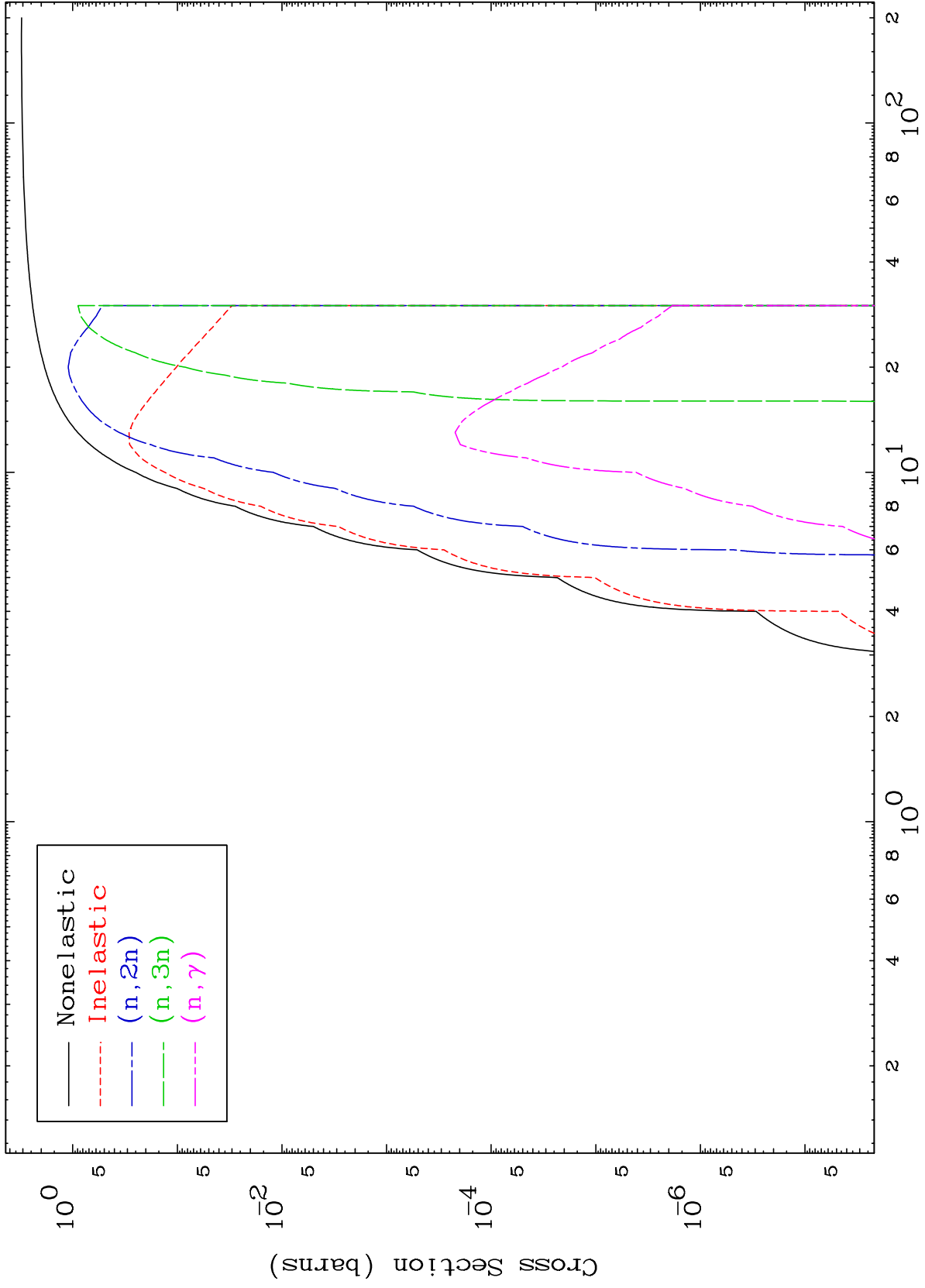
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Web:redcullen1.net/HOMEPAGE.NEW

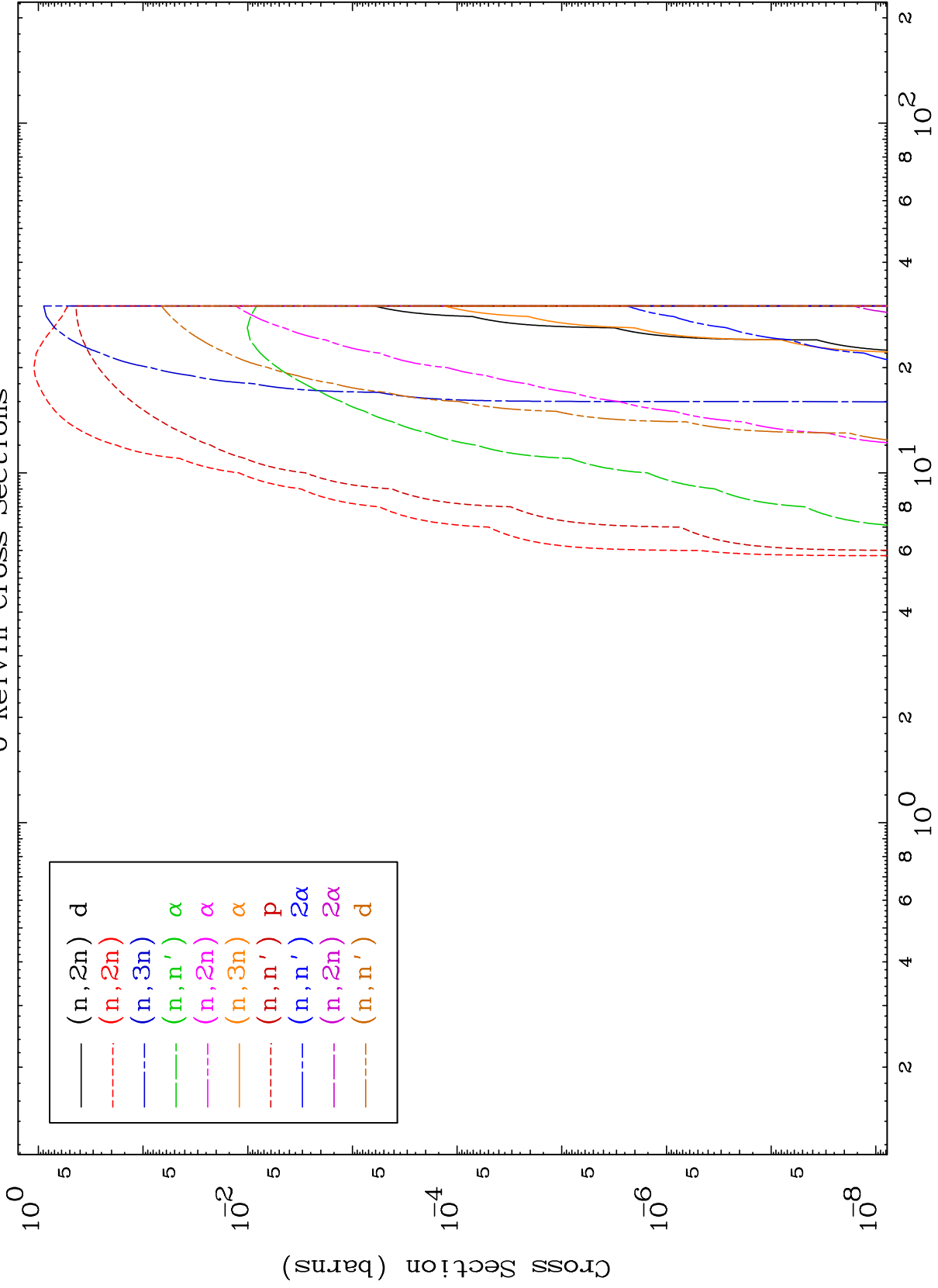
Press Mouse Button to Start

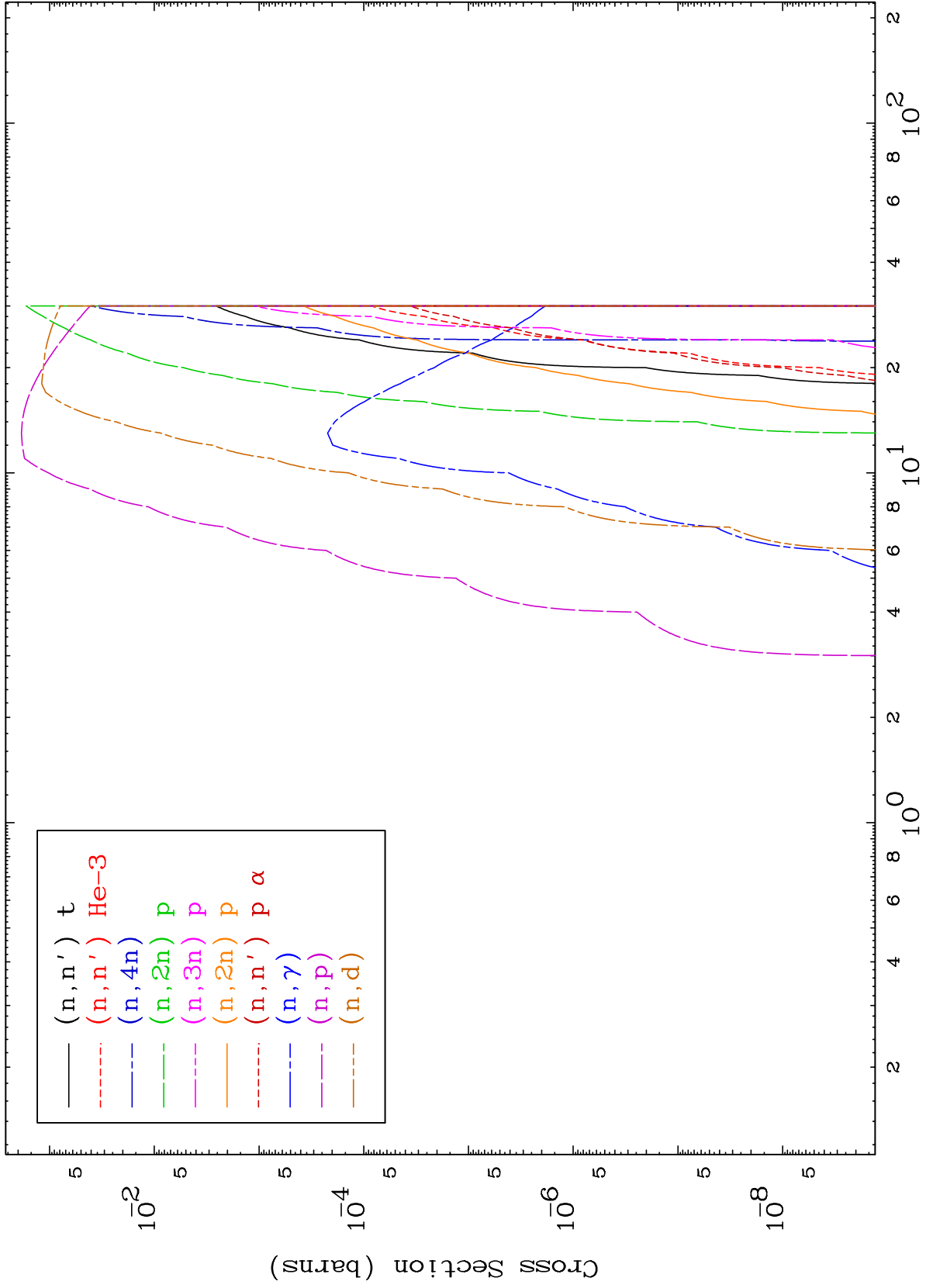


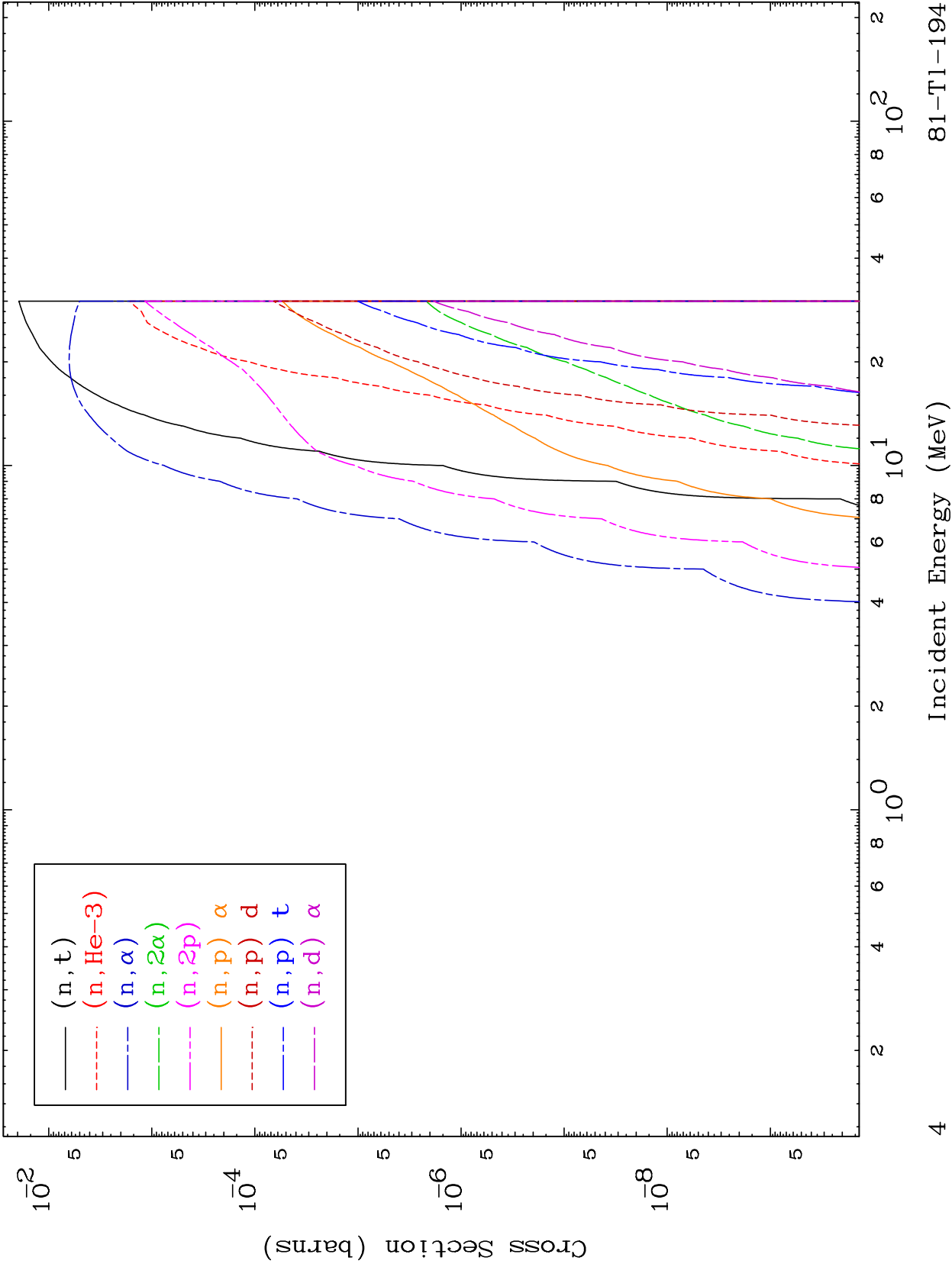
MAT 8098

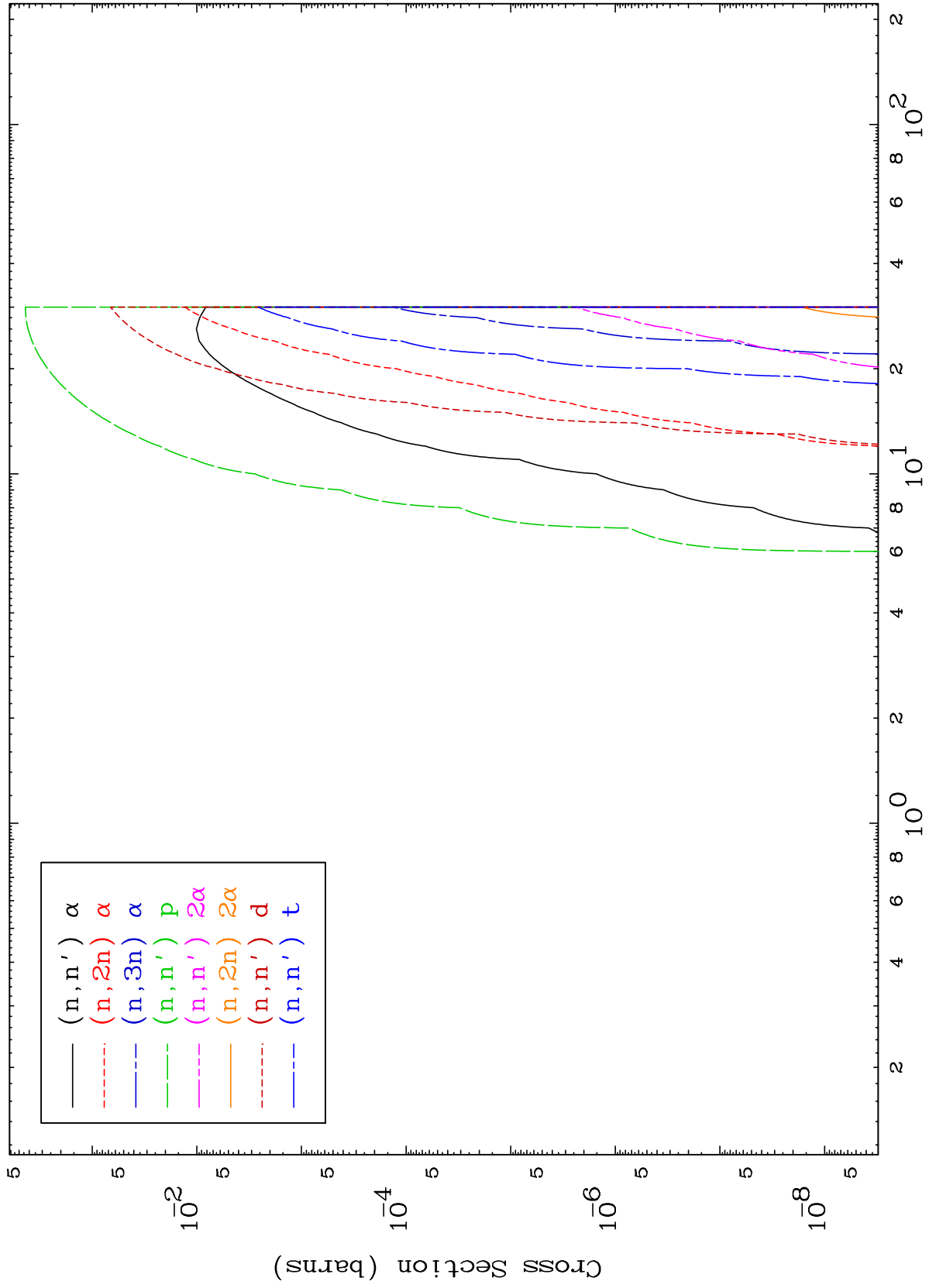
Deuteron Neutron Absorption
0 Kelvin Cross Sections

81-Tl-194





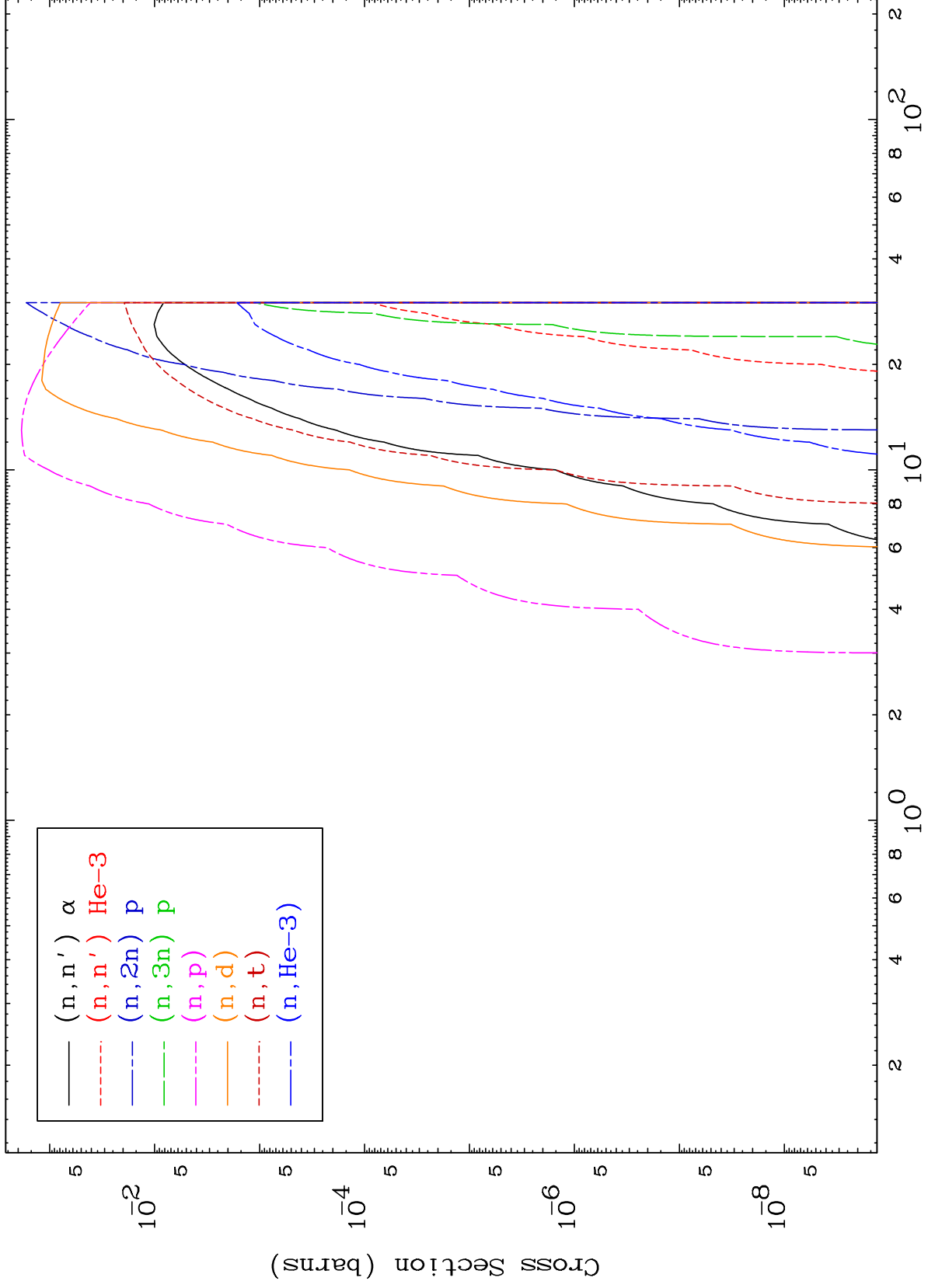




MAT 8098

Deuteron Charged Particle
0 Kelvin Cross Sections

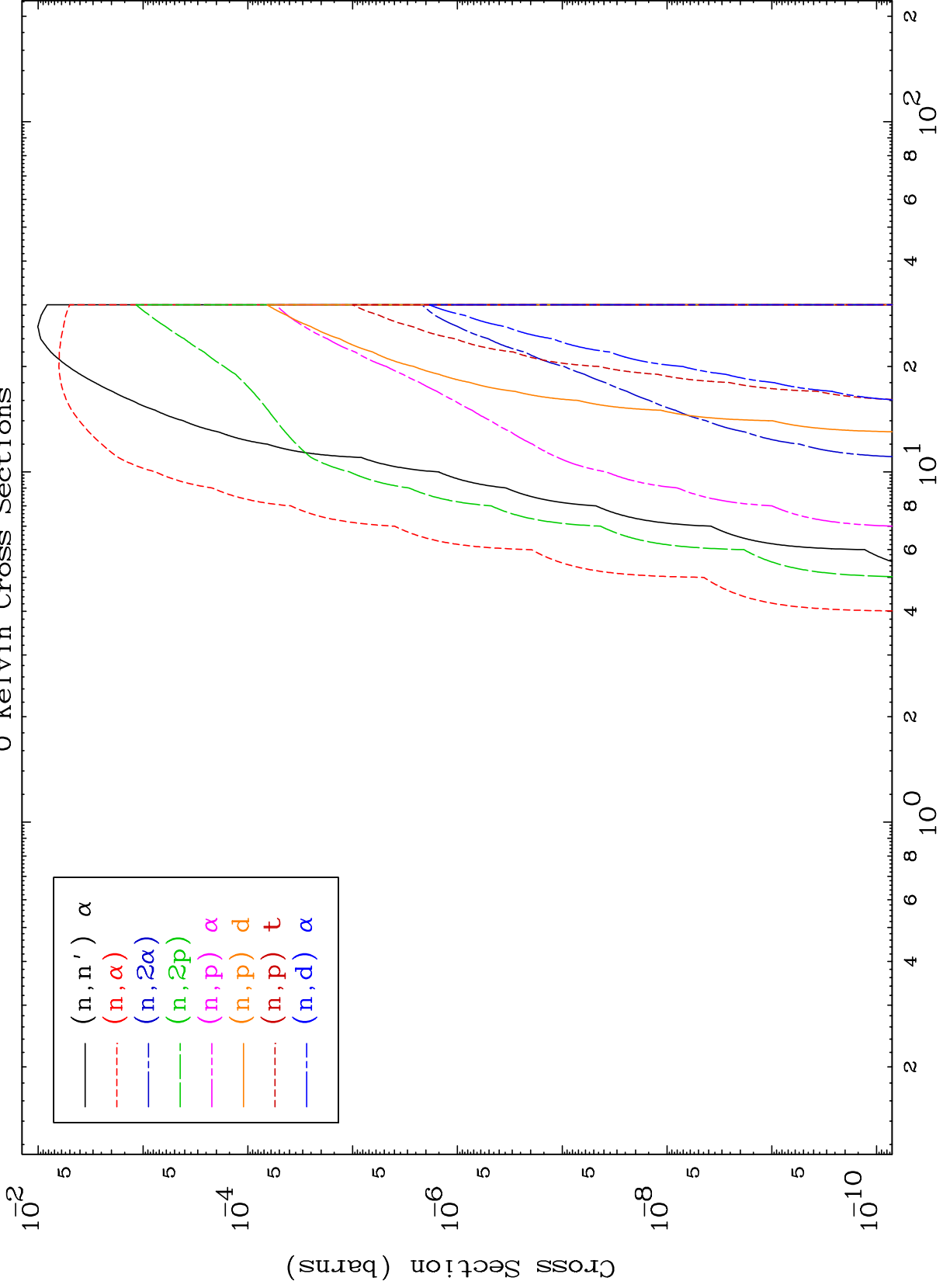
81-Tl-194



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Deuteron Charged Particle
0 Kelvin Cross Sections

81-Tl-194

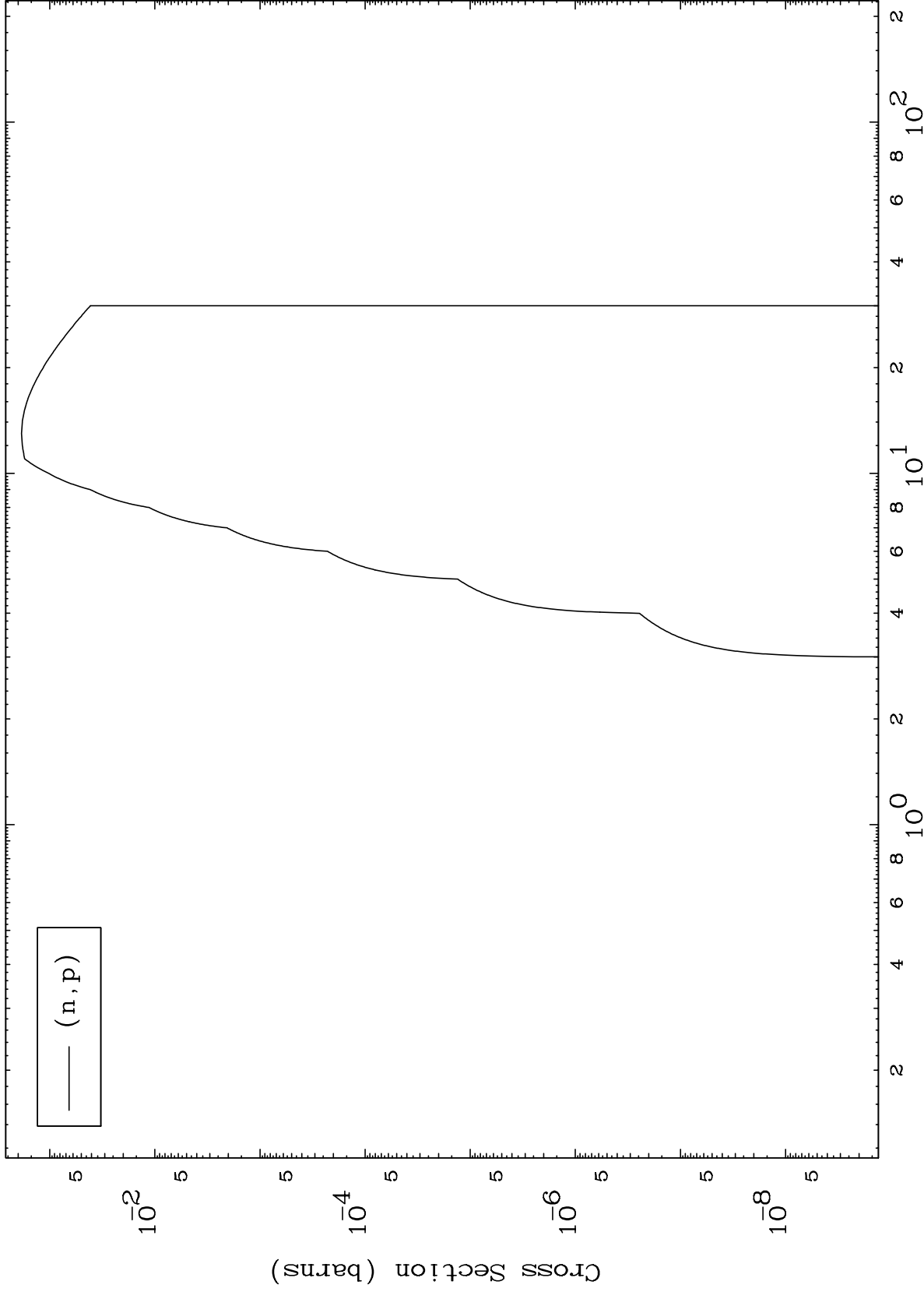


MAT 8098

(d,p) Levels

81-Tl-194

0 Kelvin Cross Sections

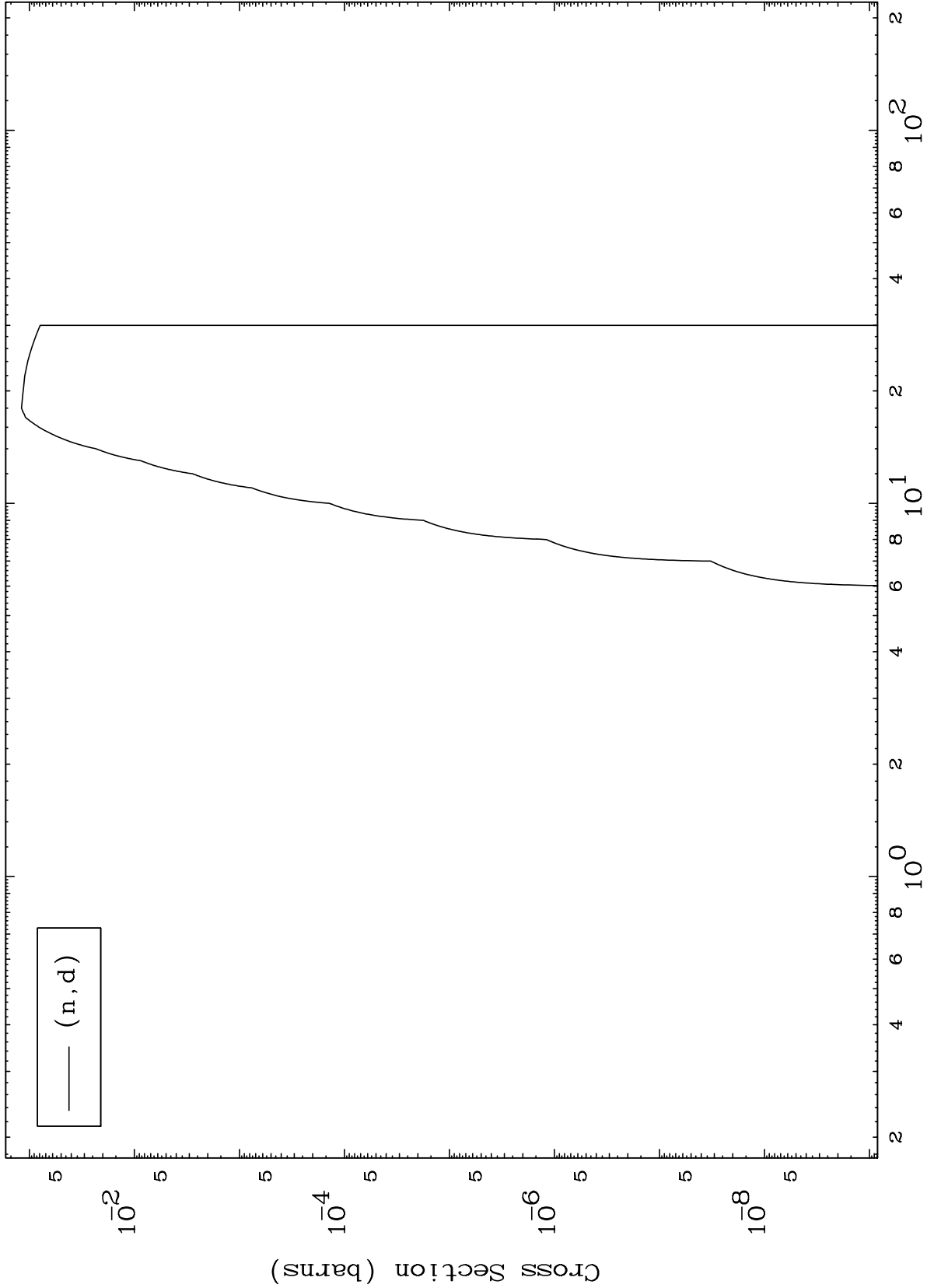


MAT 8098

(d,d) Levels

81-Tl-194

0 Kelvin Cross Sections



9

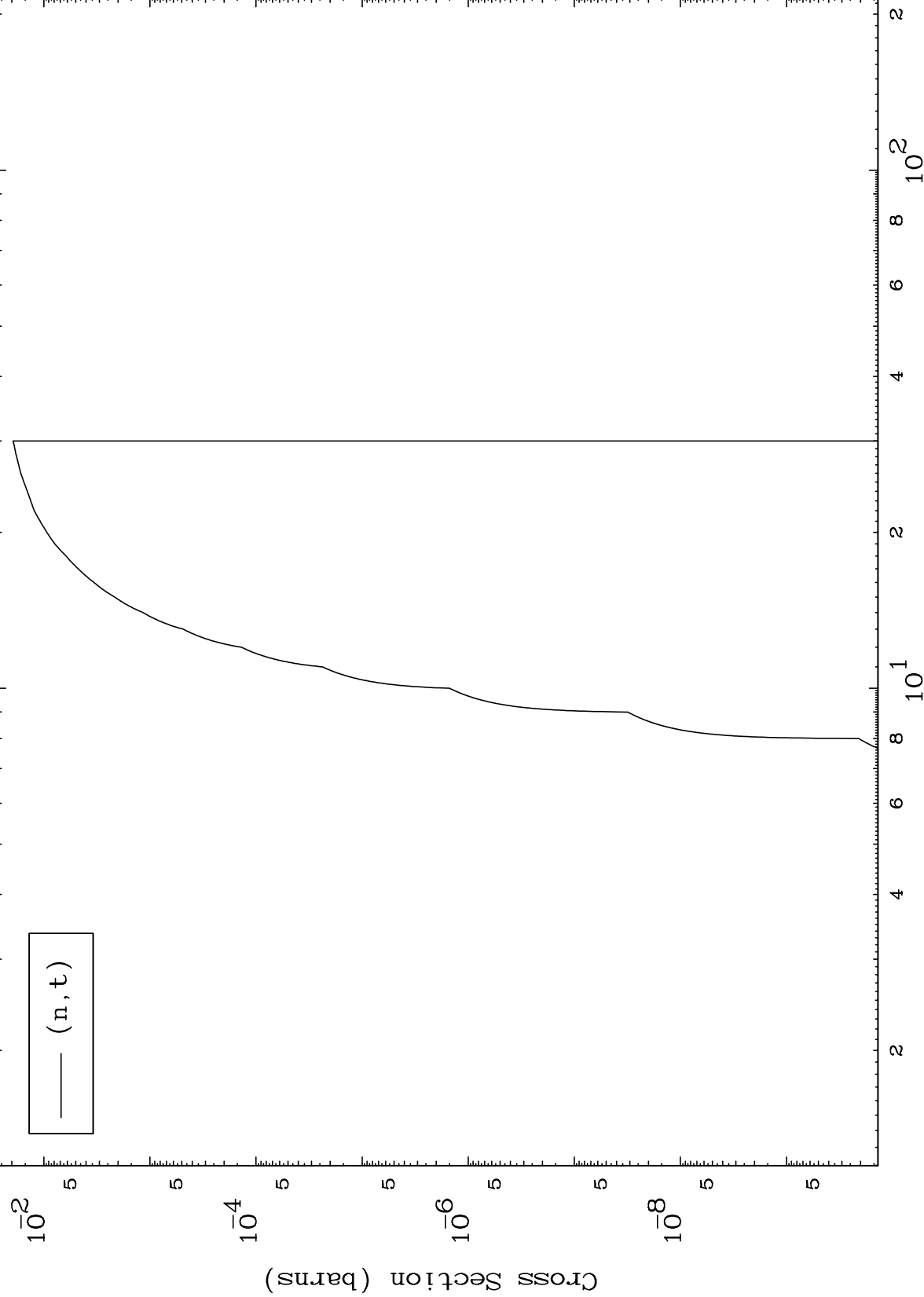
Incident Energy (MeV)

81-Tl-194

MAT 8098

(d,t) Levels
0 Kelvin Cross Sections

81-Tl-194



10

Incident Energy (MeV)

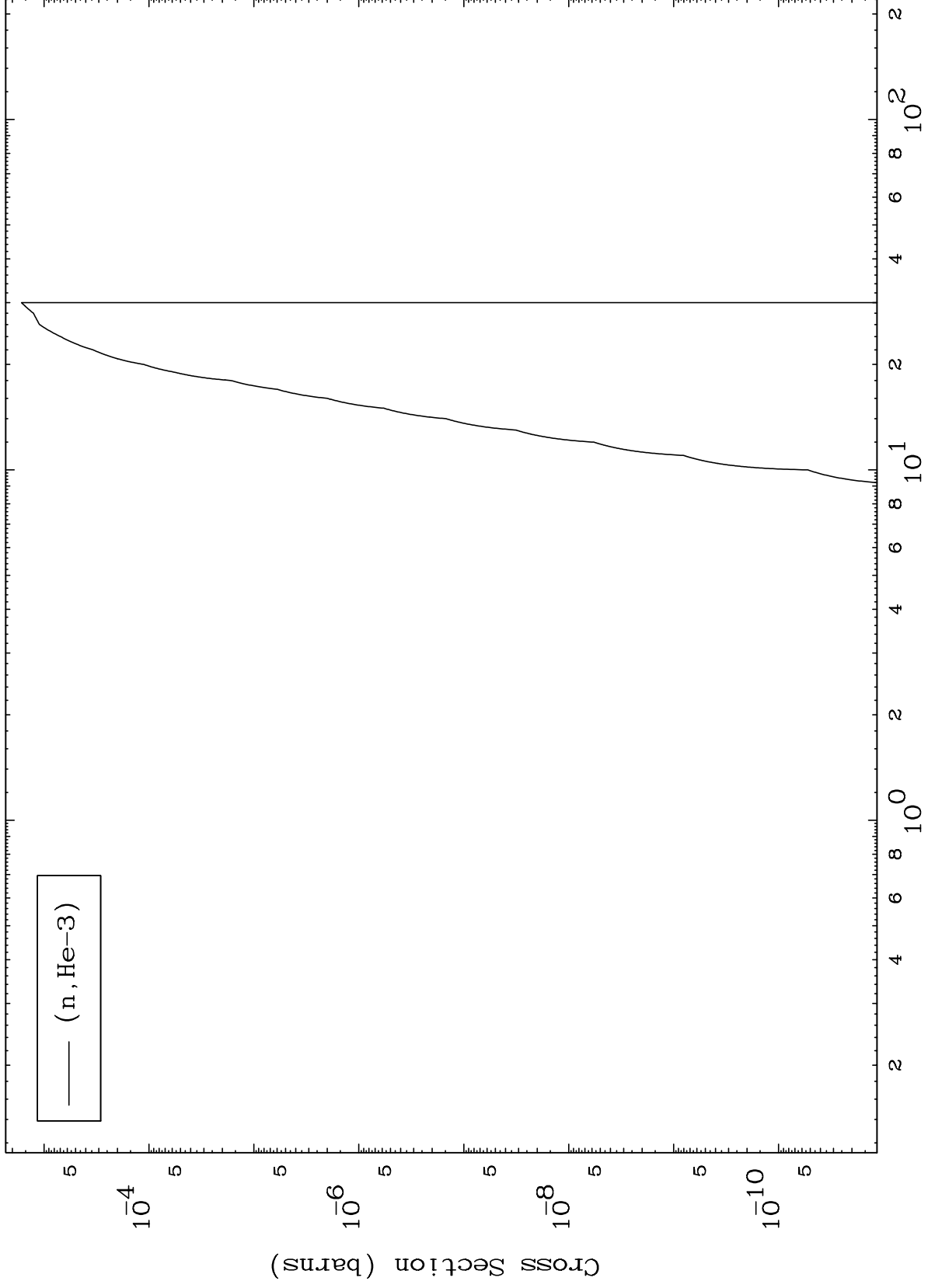
81-Tl-194

MAT 8098

(d,He3) Levels

81-Tl-194

0 Kelvin Cross Sections

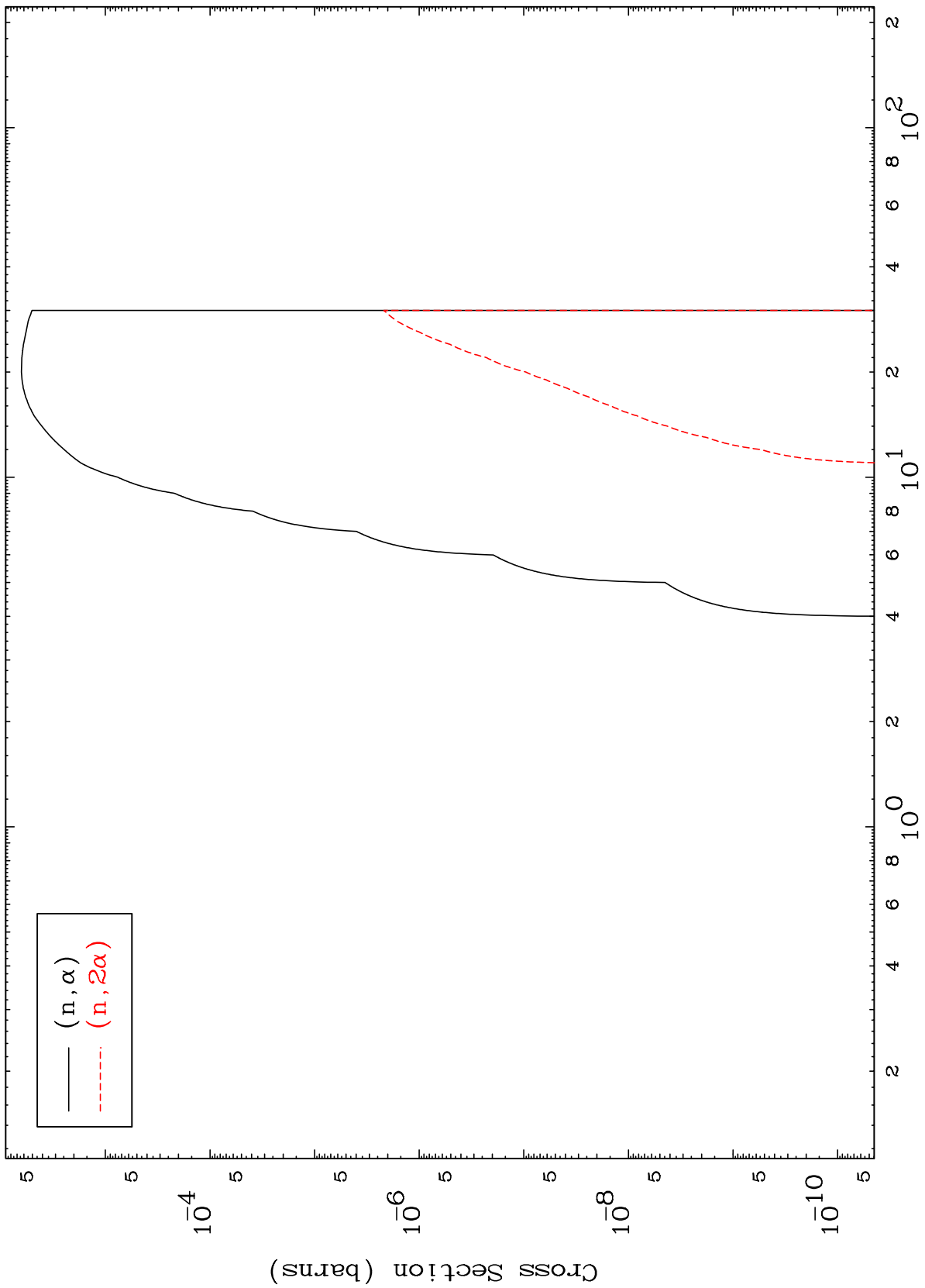


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(d, α) Levels

81-Tl-194

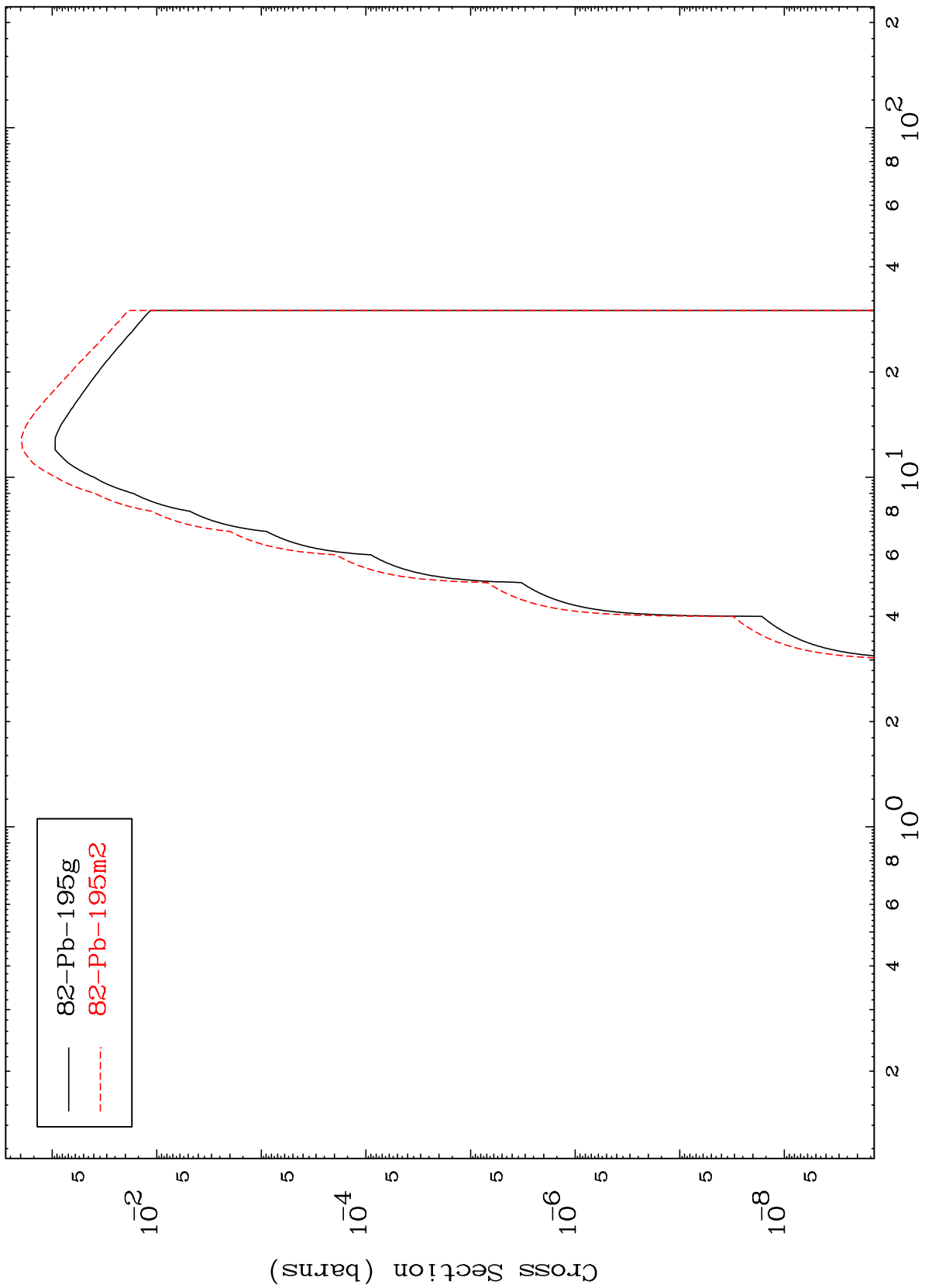
0 Kelvin Cross Sections



MAT 8098

81-Tl-194

Inelastic
Radionuclide Production Cross Section



— 82-Pb-195g
- - - 82-Pb-195m2

81-Tl-194

Incident Energy (MeV)

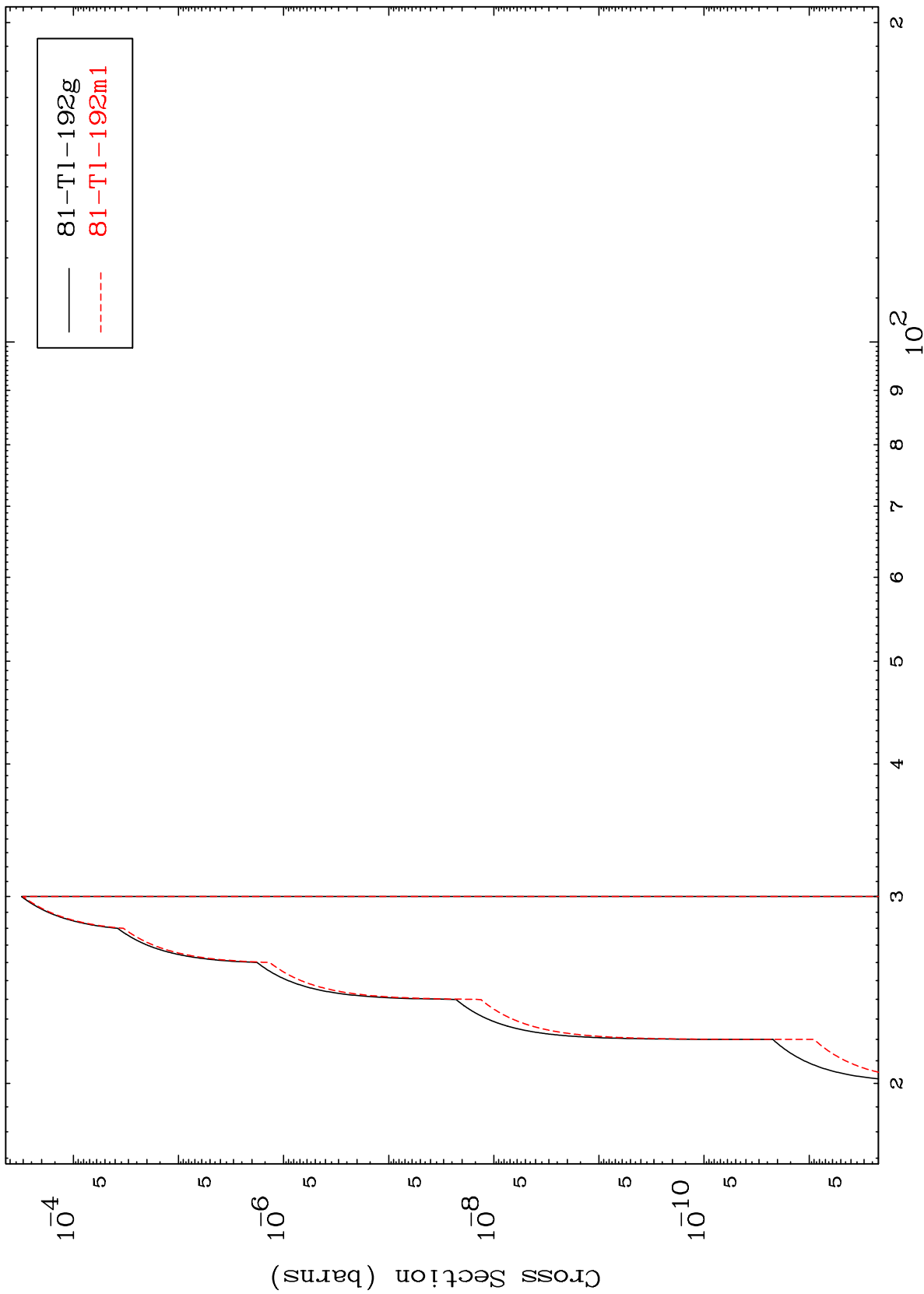
13

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(n,2n) d

81-Tl-194

Radionuclide Production Cross Section



14

Incident Energy (MeV)

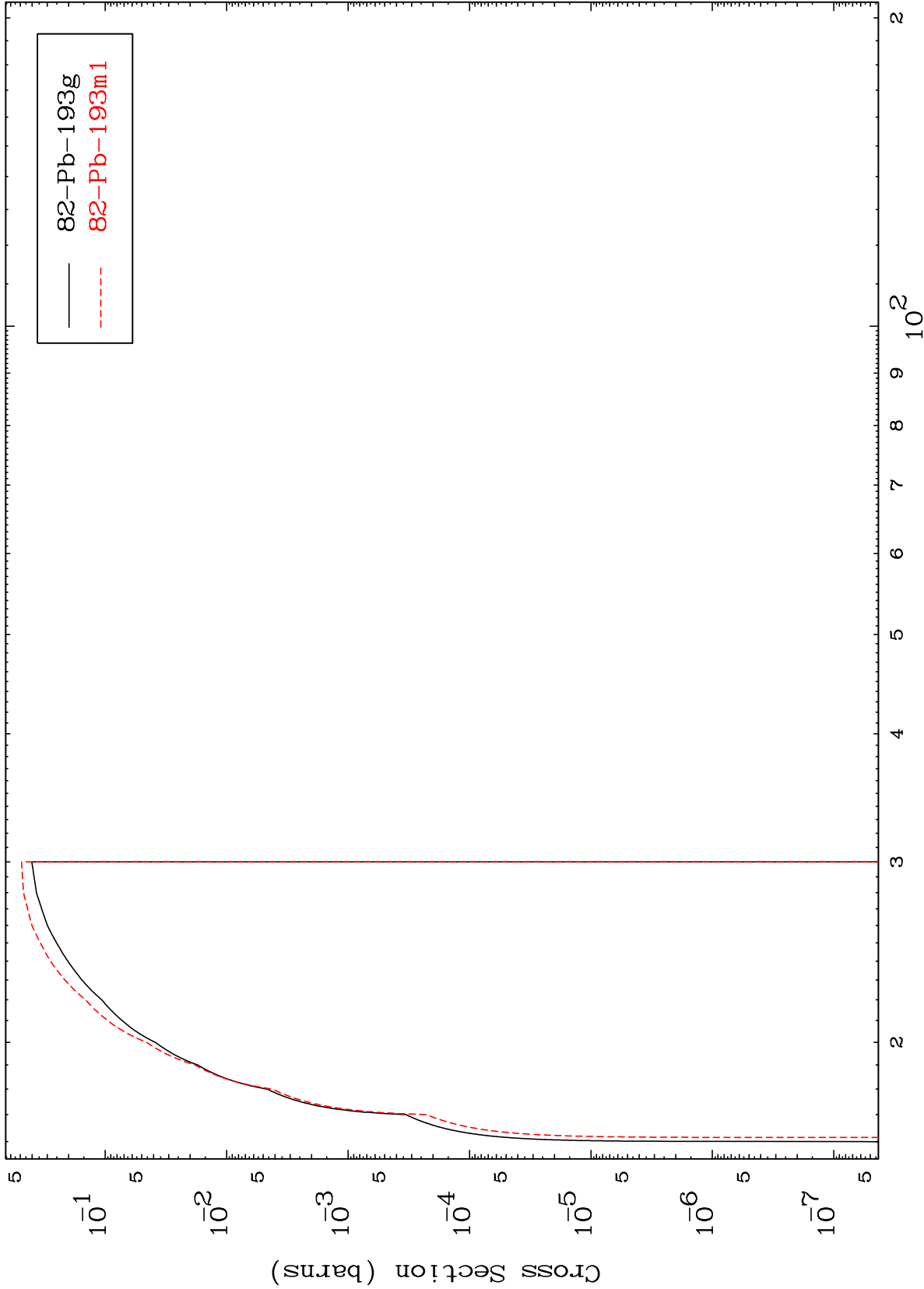
81-Tl-194

MAT 8098

(n,3n)

81-Tl-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

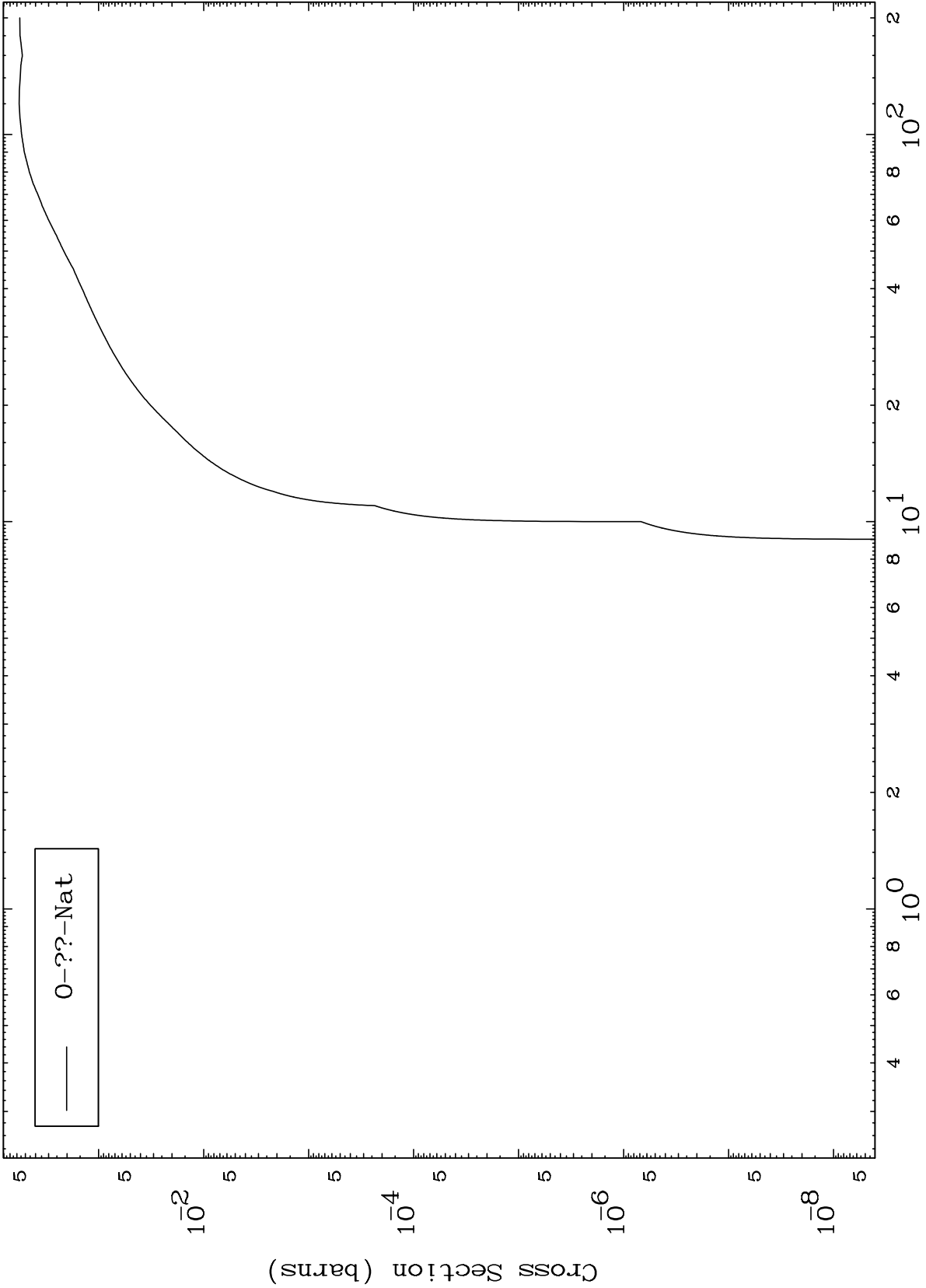
81-Tl-194

MAT 8098

Fission

81-Tl-194

Radionuclide Production Cross Section



16

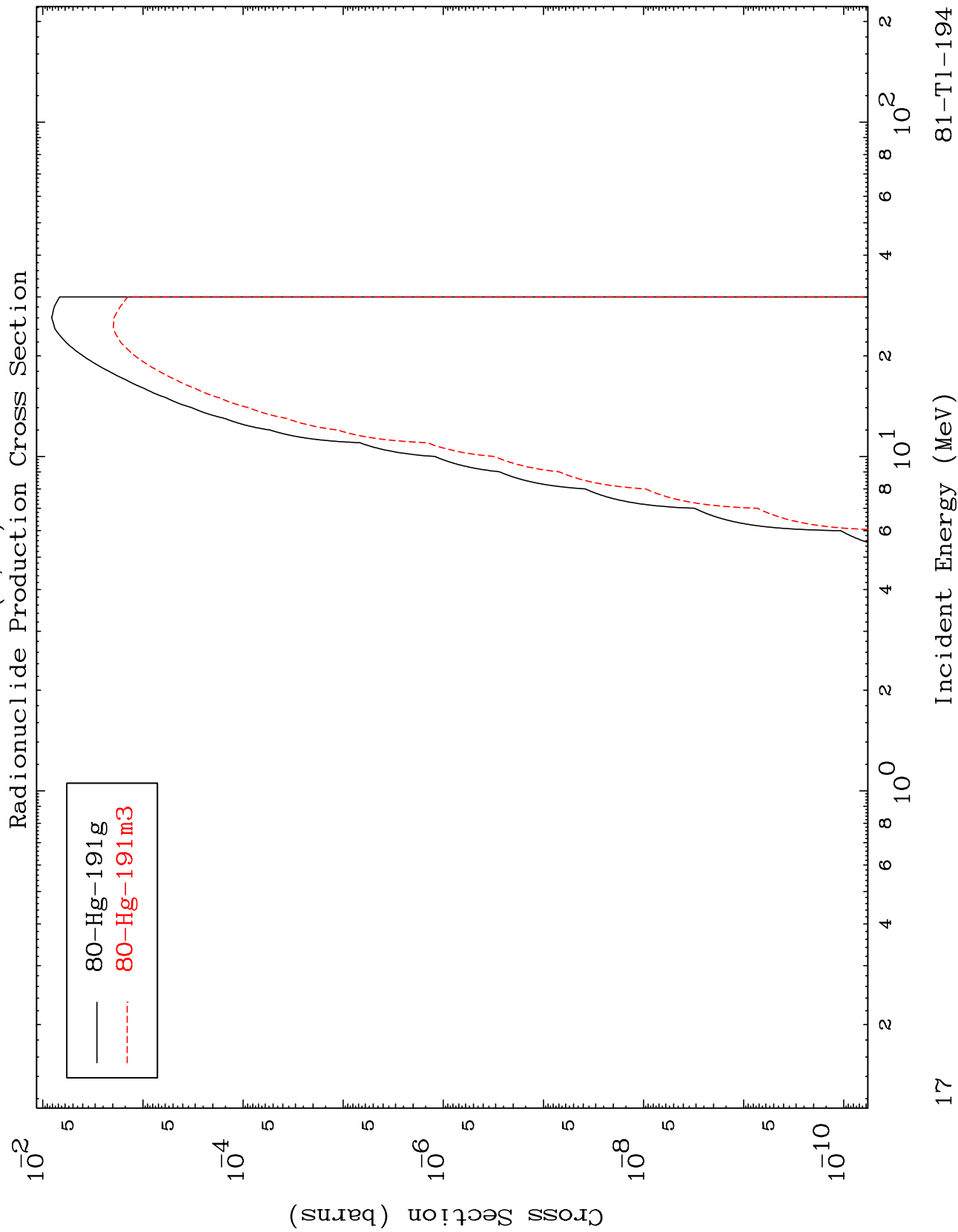
Incident Energy (MeV)

81-Tl-194

MAT 8098

$(n, n') \alpha$

81-Tl-194



17

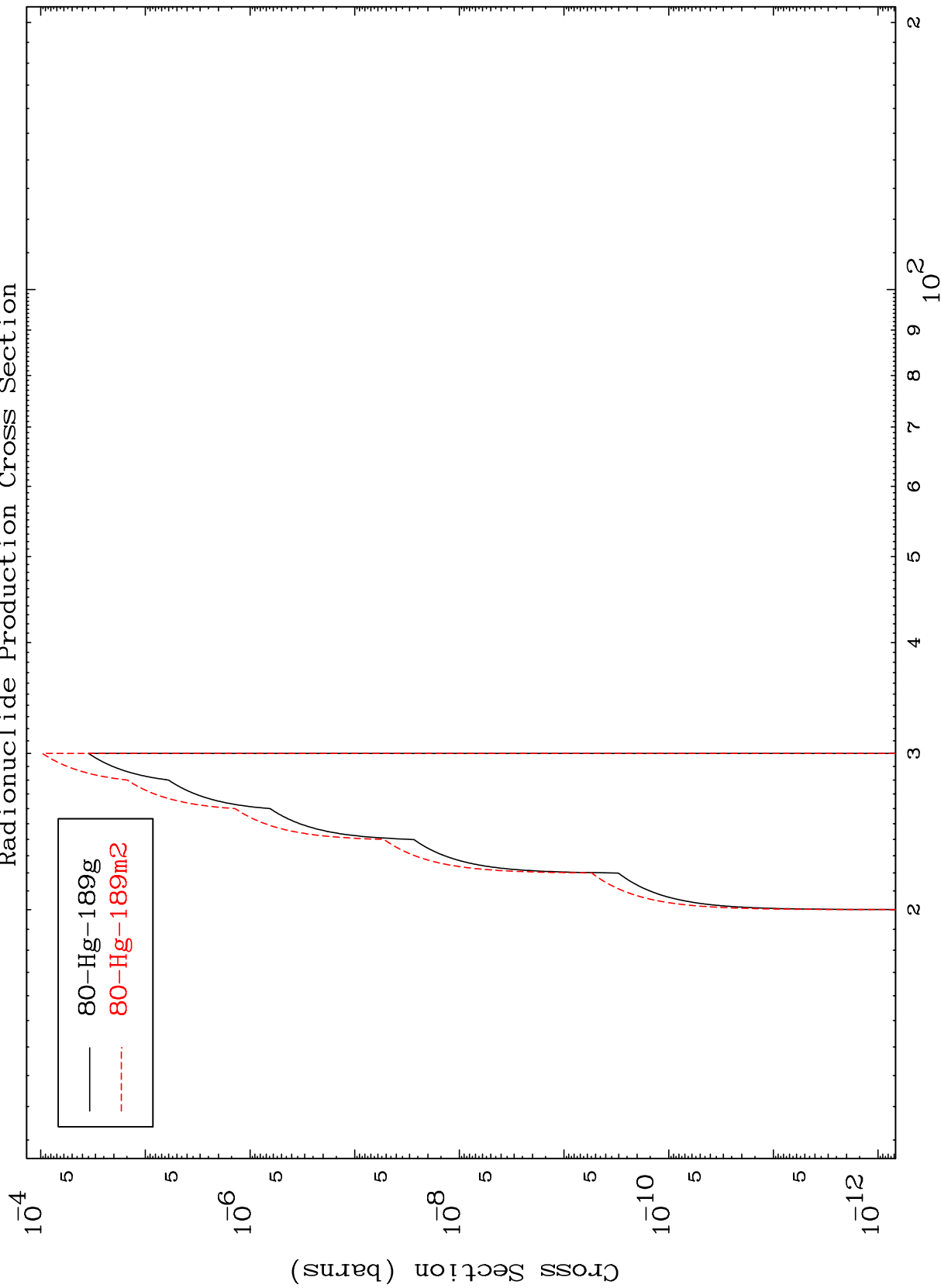
81-Tl-194

MAT 8098

81-Tl-194

(n,3n) α

Radionuclide Production Cross Section



18

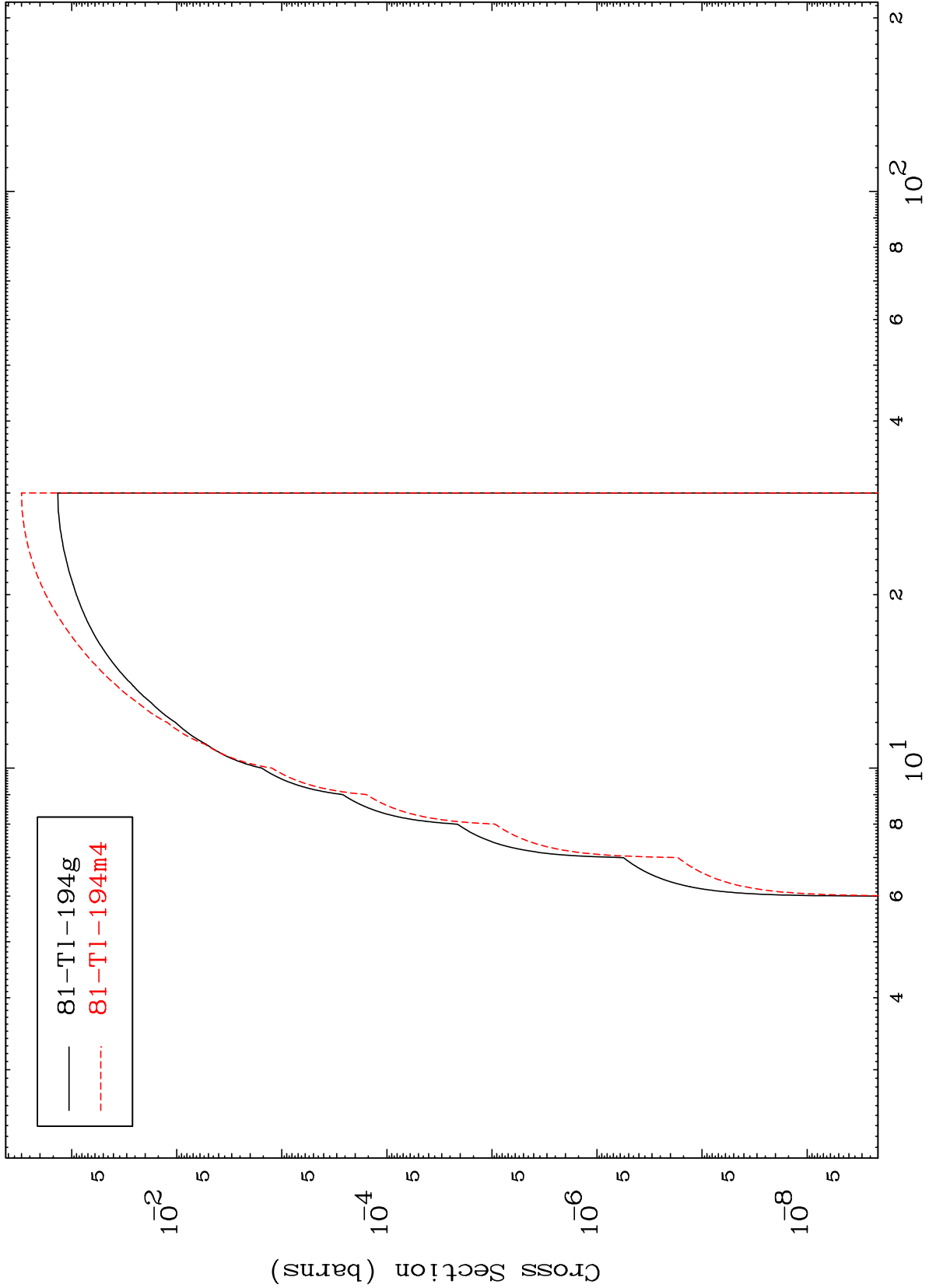
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

Radionuclide Production Cross Section



19

81-Tl-194

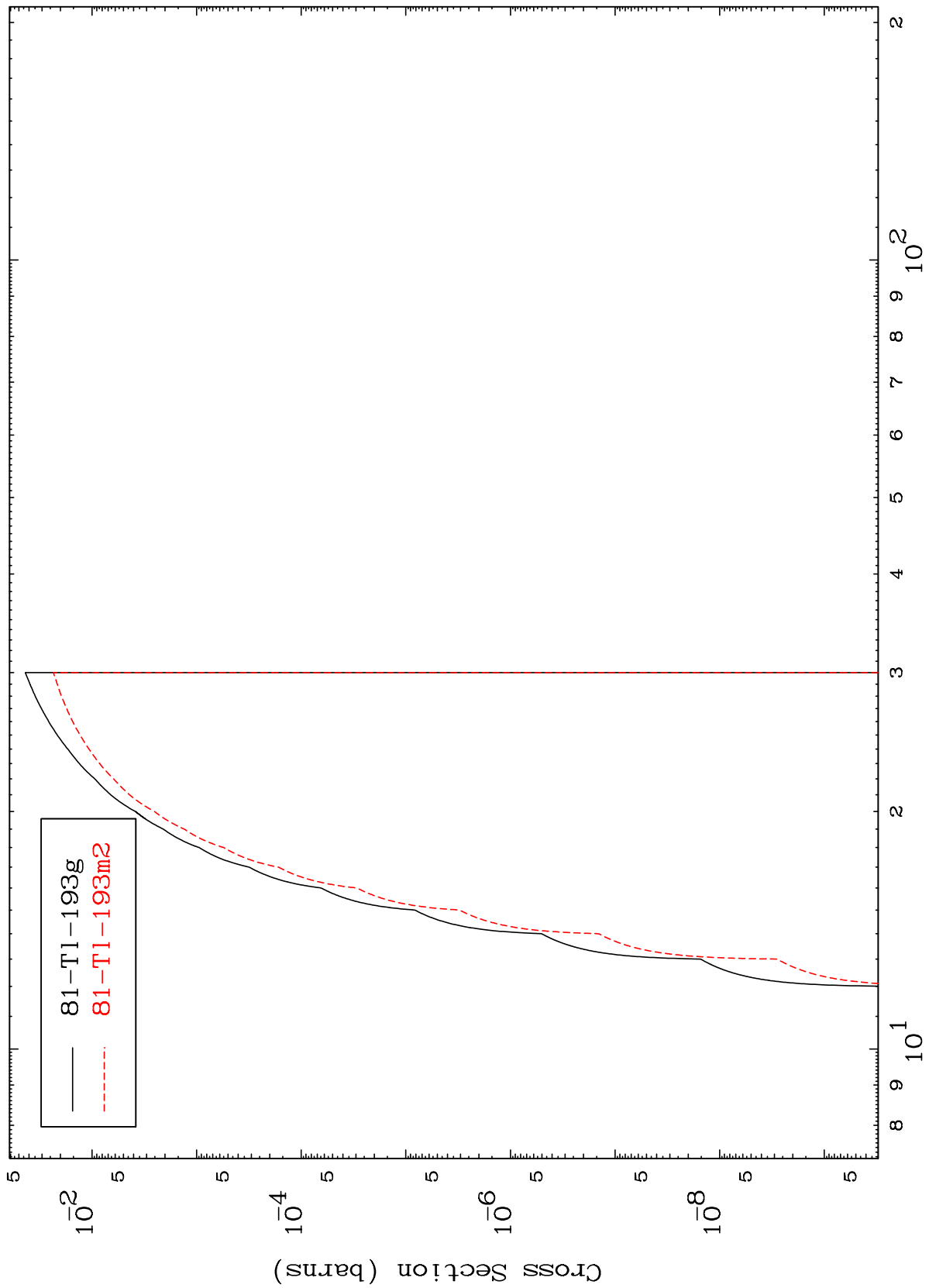
Incident Energy (MeV)

MAT 8098

(n,n') d

81-Tl-194

Radionuclide Production Cross Section



20

Incident Energy (MeV)

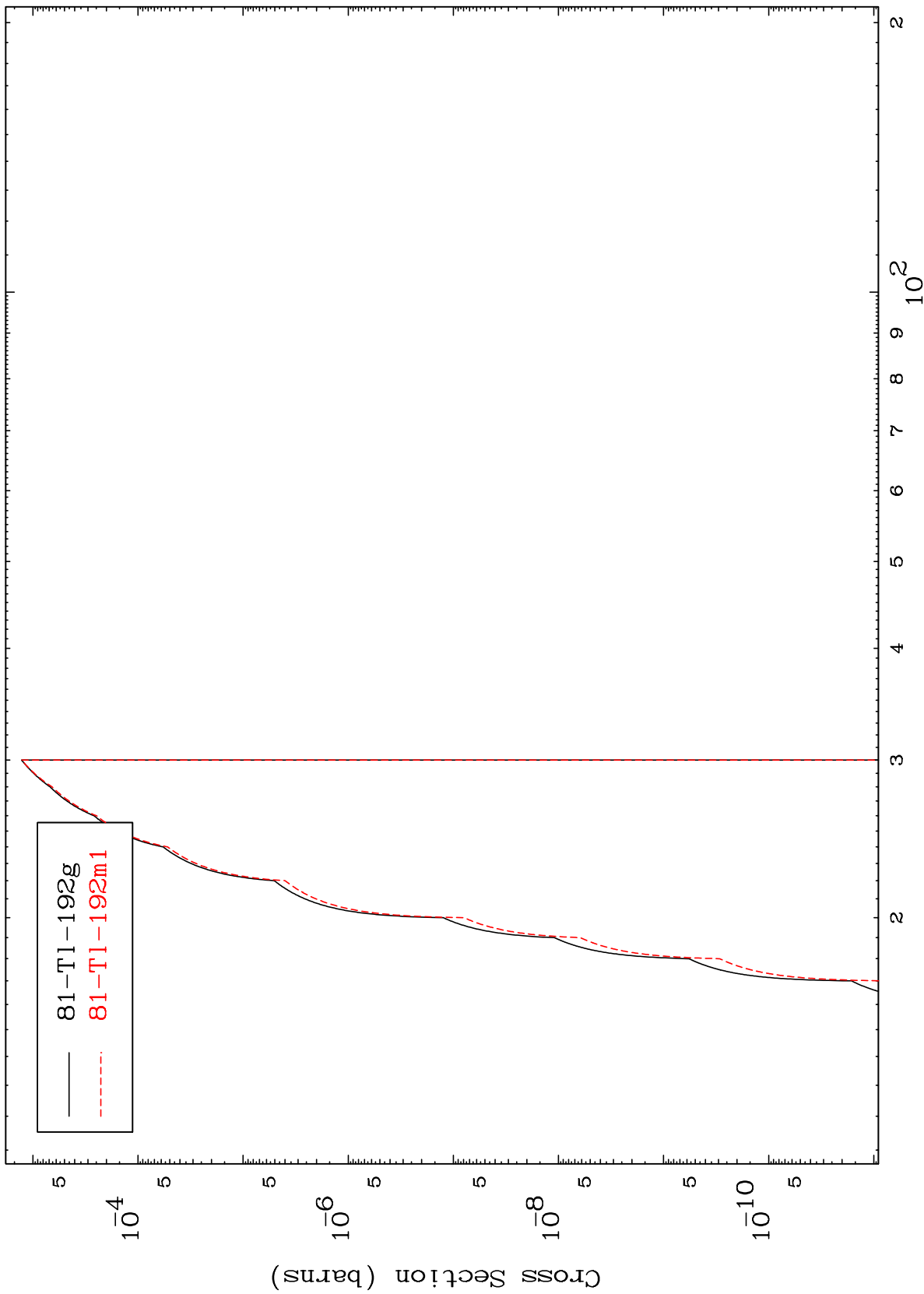
81-Tl-194

MAT 8098

(n,n') t

81-Tl-194

Radionuclide Production Cross Section

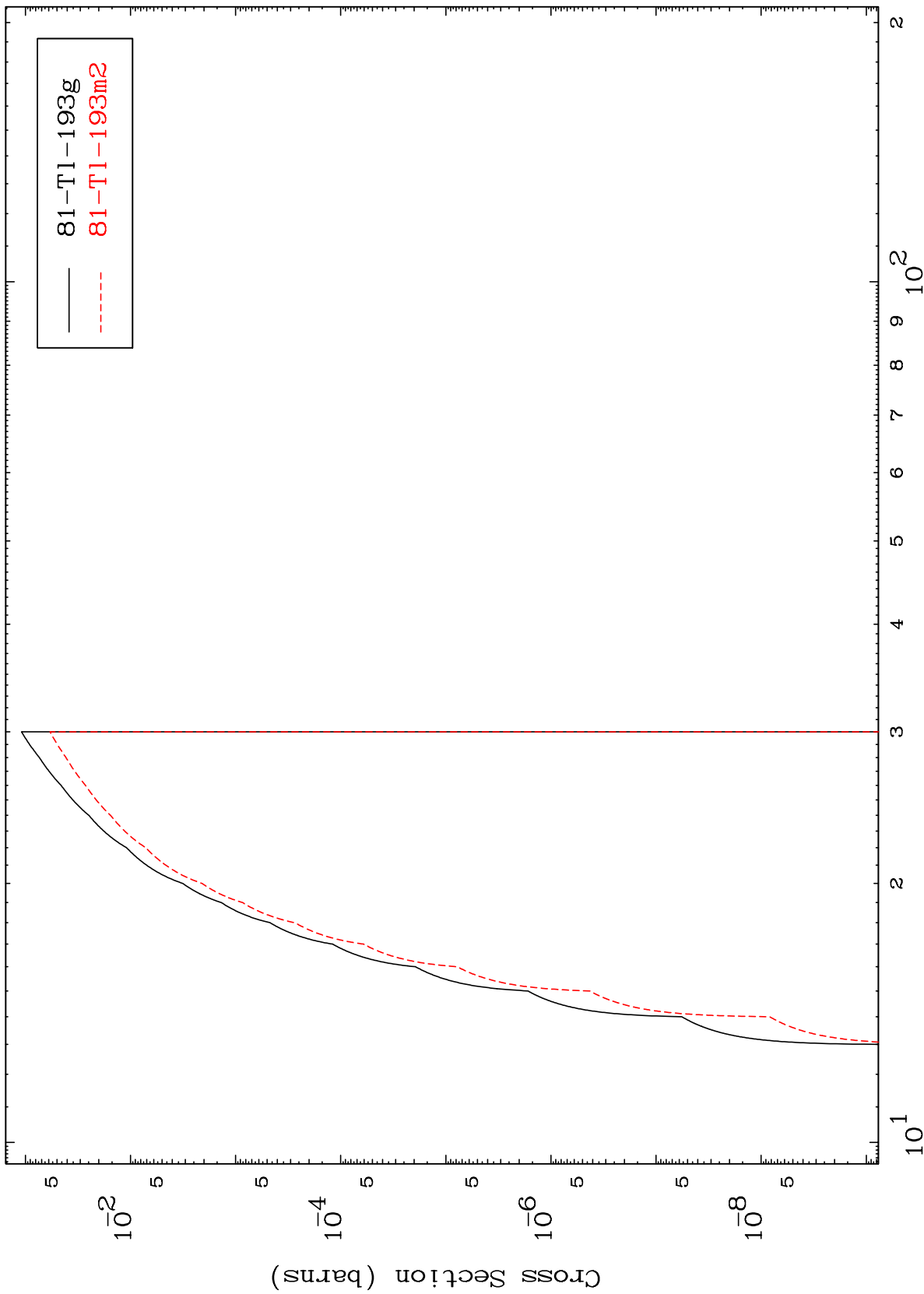


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(n,2n) p

81-Tl-194

Radionuclide Production Cross Section

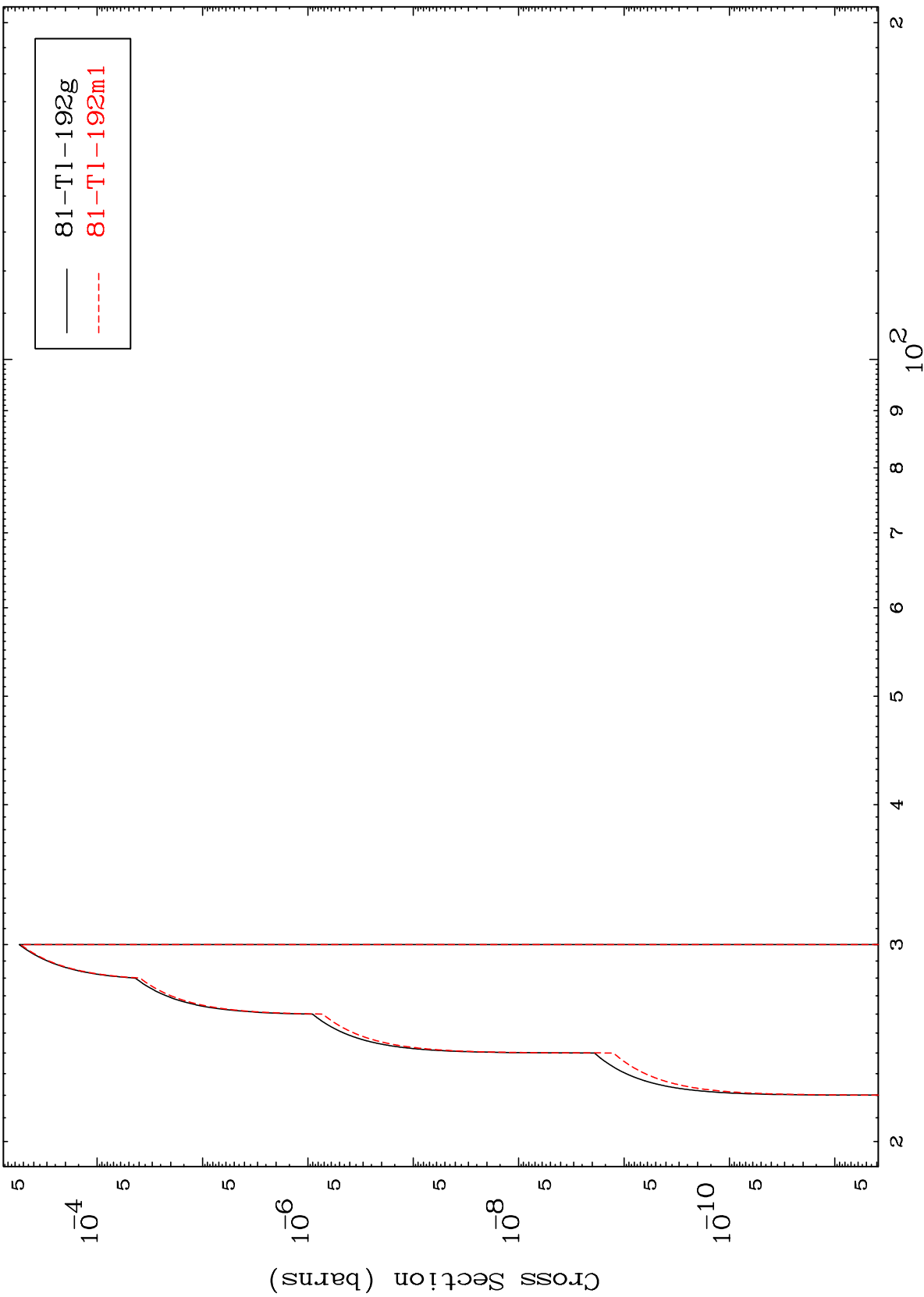


22

Incident Energy (MeV)

81-Tl-194

Radionuclide Production Cross Section



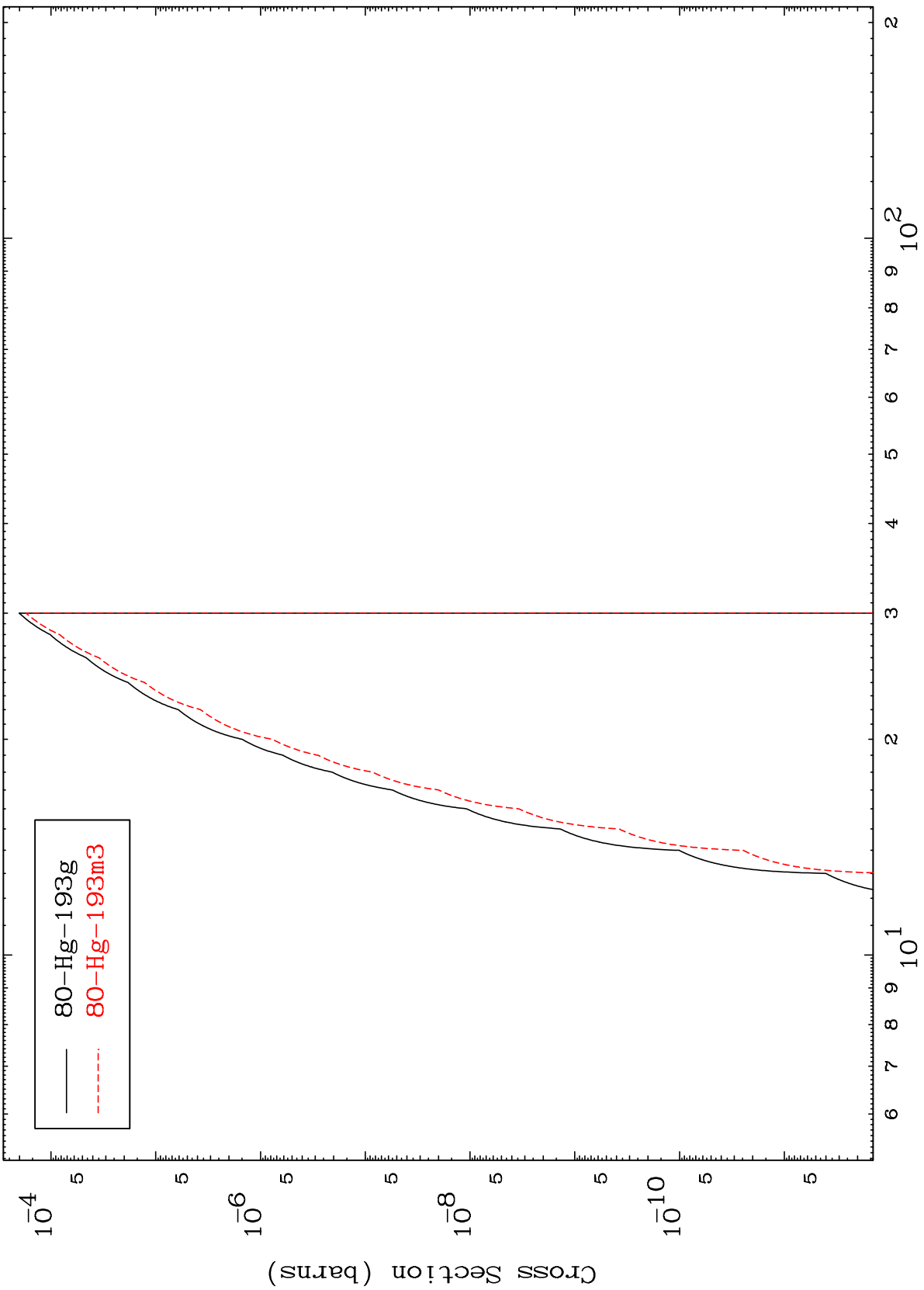
81-Tl-192g
81-Tl-192m1

MAT 8098

(n,2n) p

81-Tl-194

Radionuclide Production Cross Section



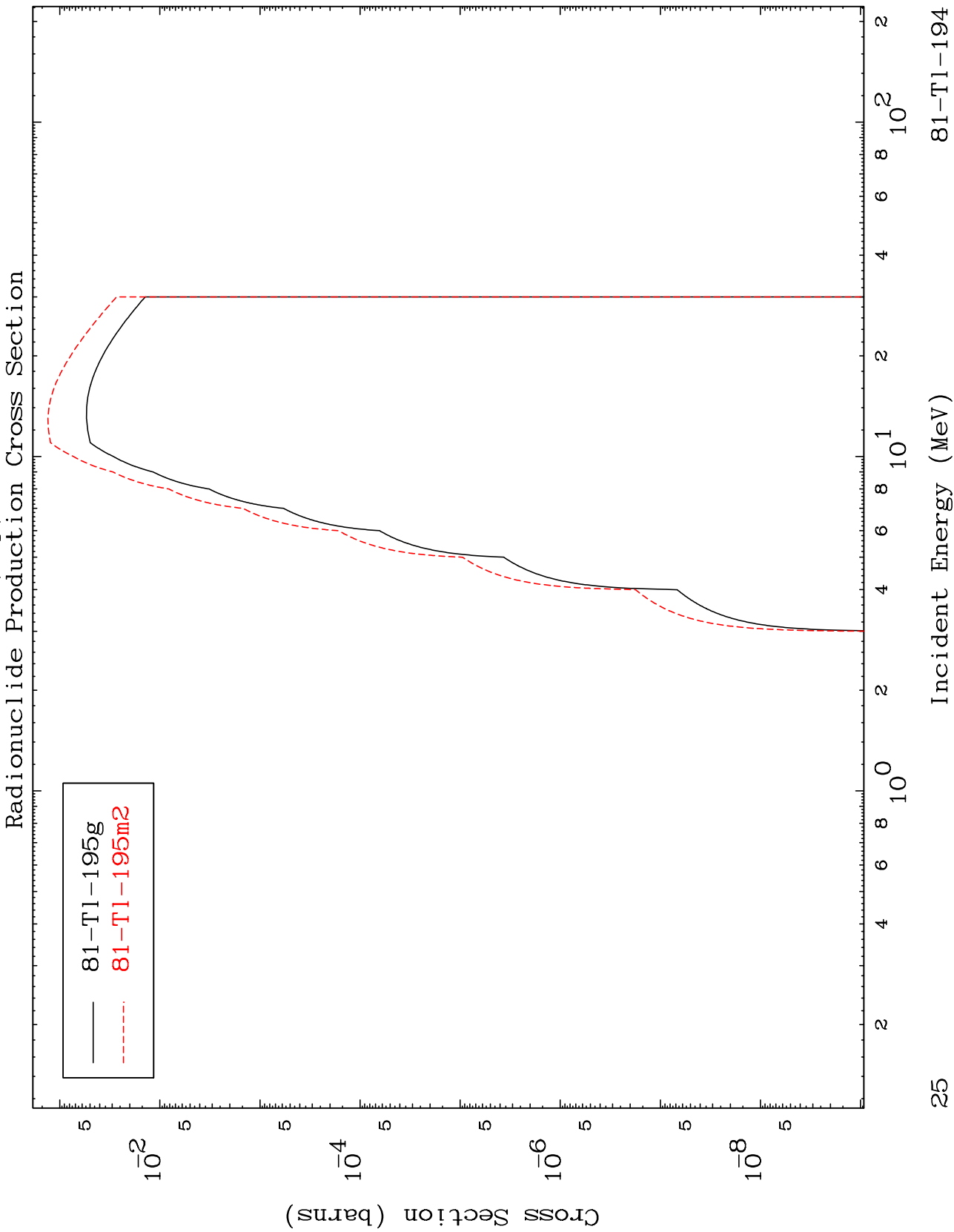
24

Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

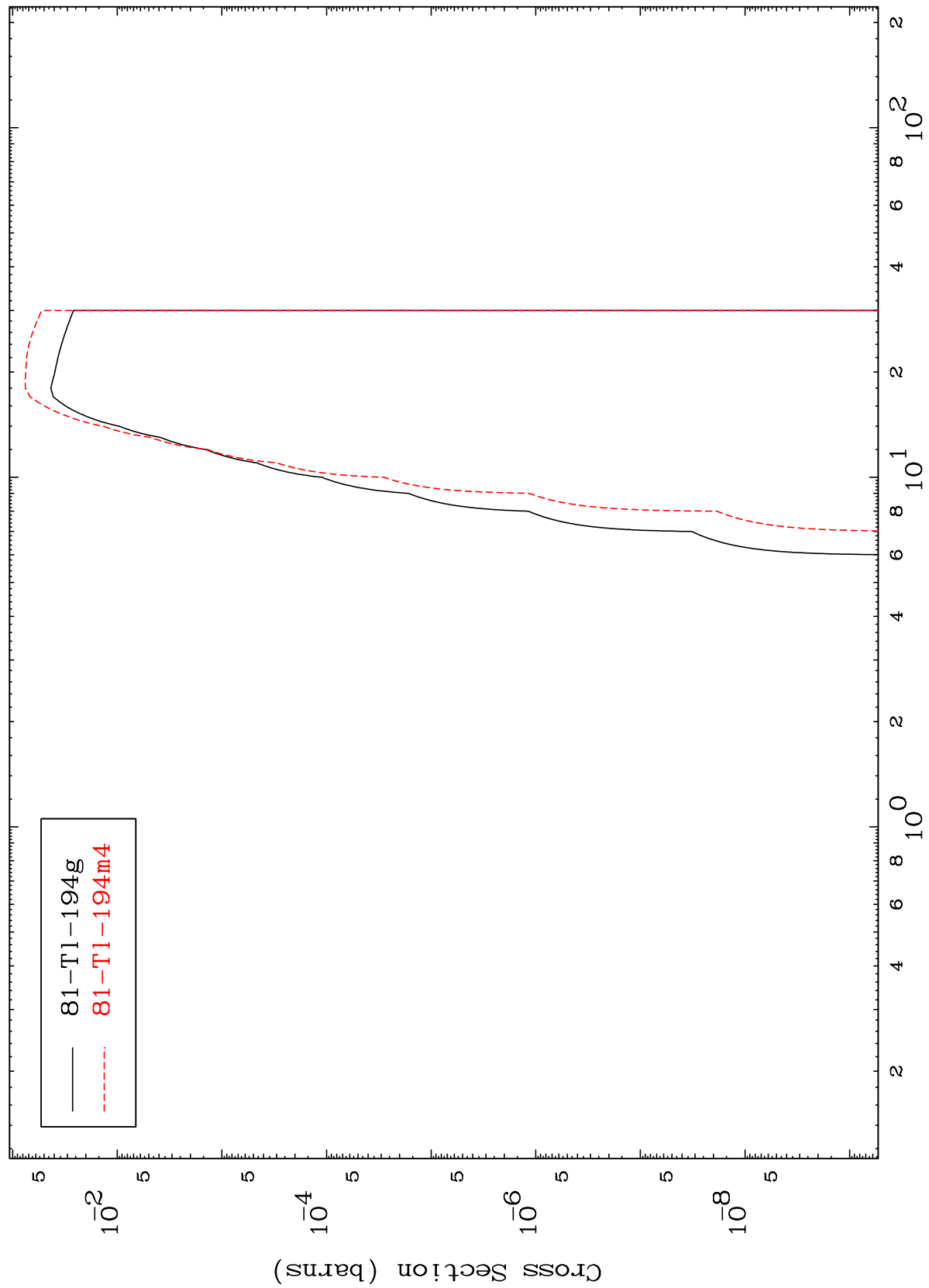


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(n,d)

81-Tl-194

Radionuclide Production Cross Section

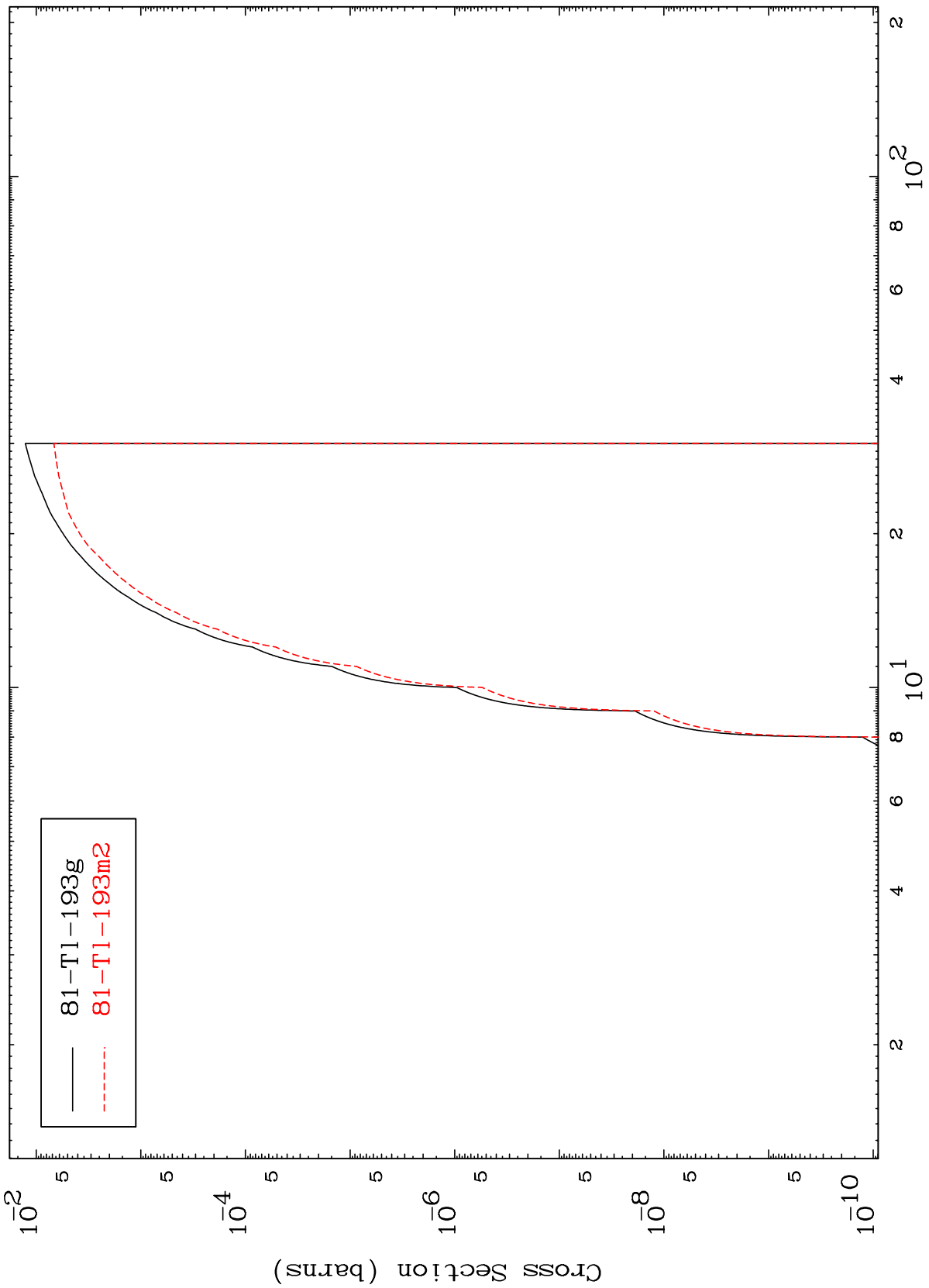


81-Tl-194g
81-Tl-194m4

MAT 8098

81-Tl-194

(n, t)
Radionuclide Production Cross Section

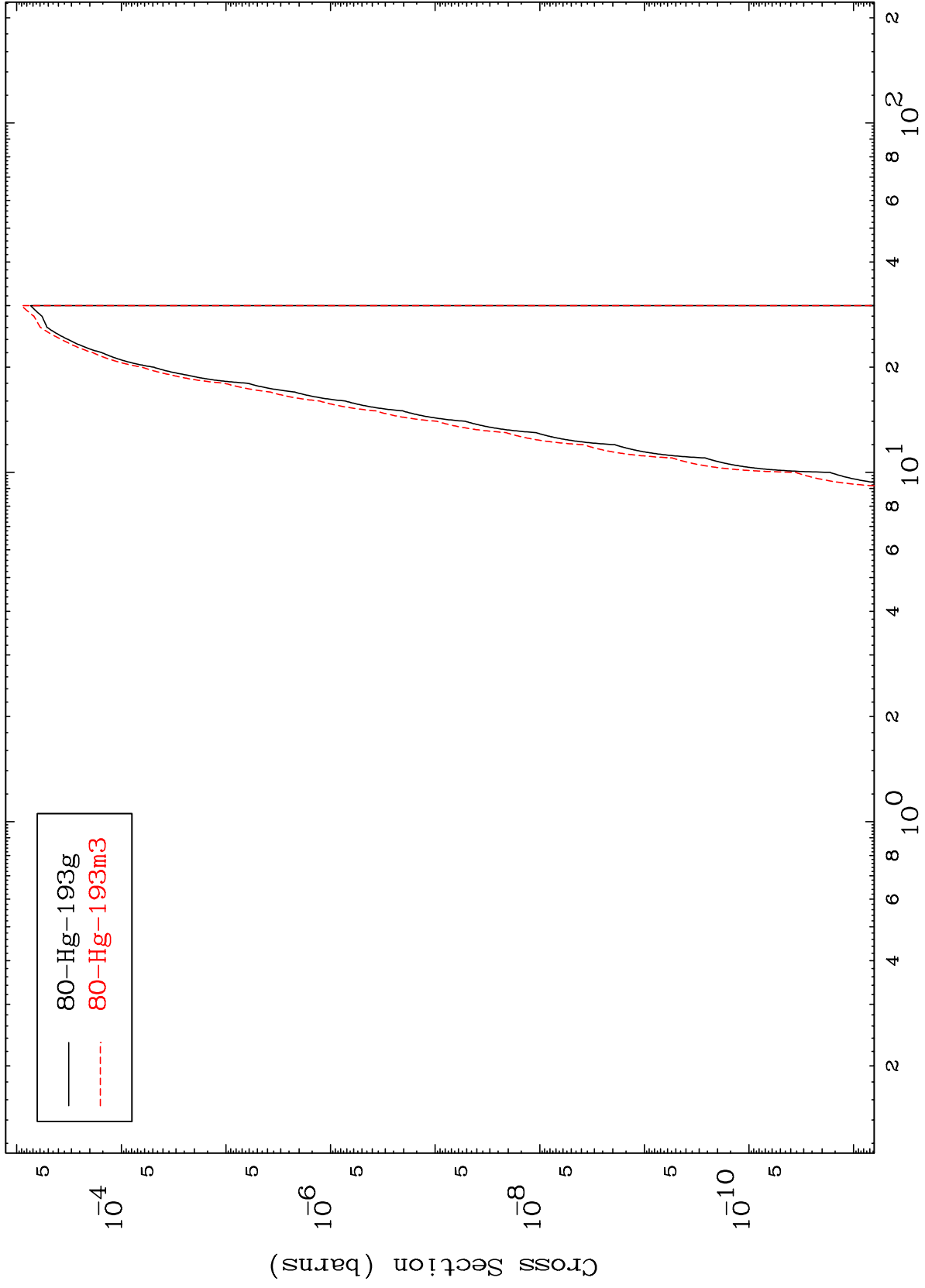


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(n,He-3)

81-Tl-194

Radionuclide Production Cross Section



28

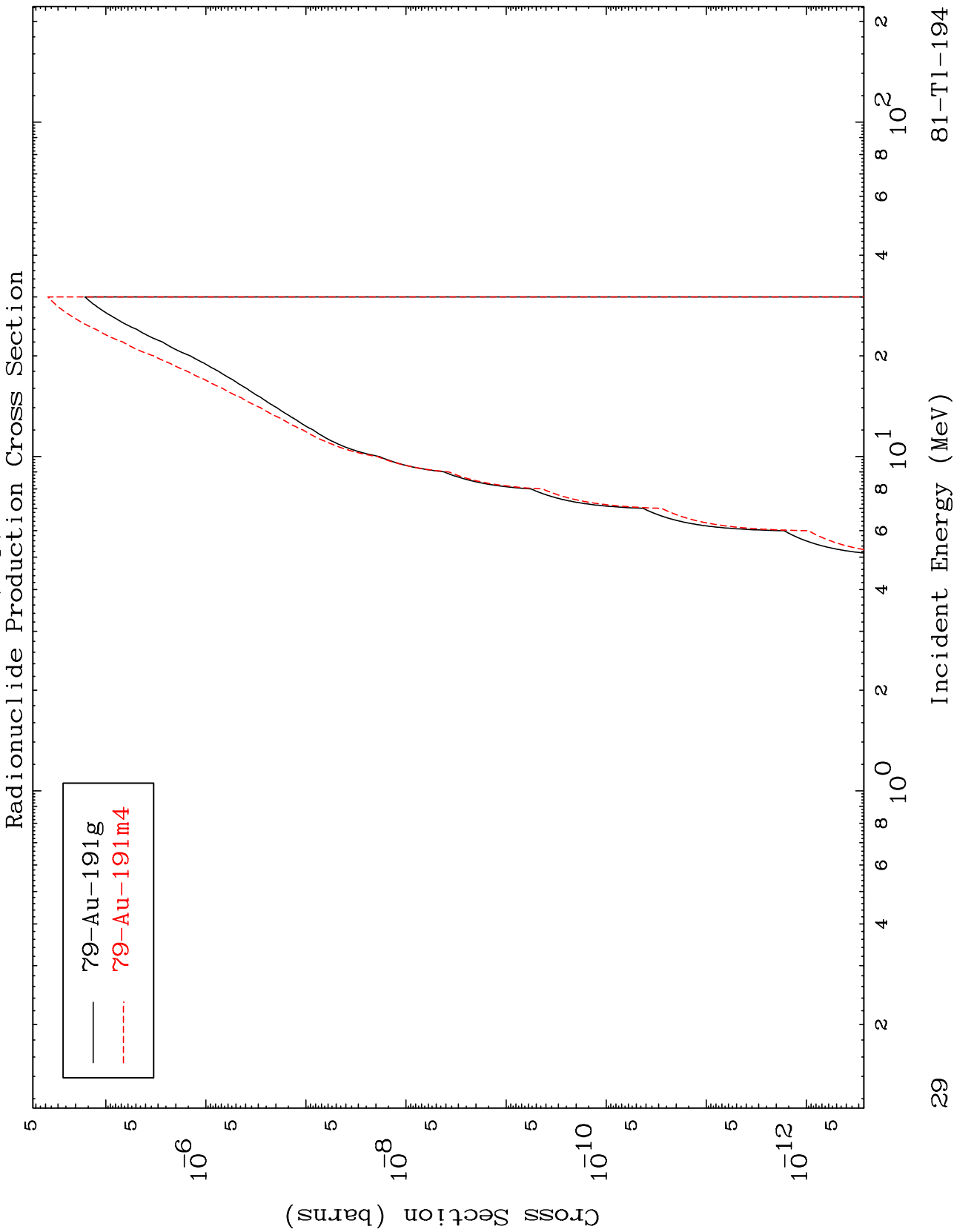
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,p) α

81-Tl-194



29

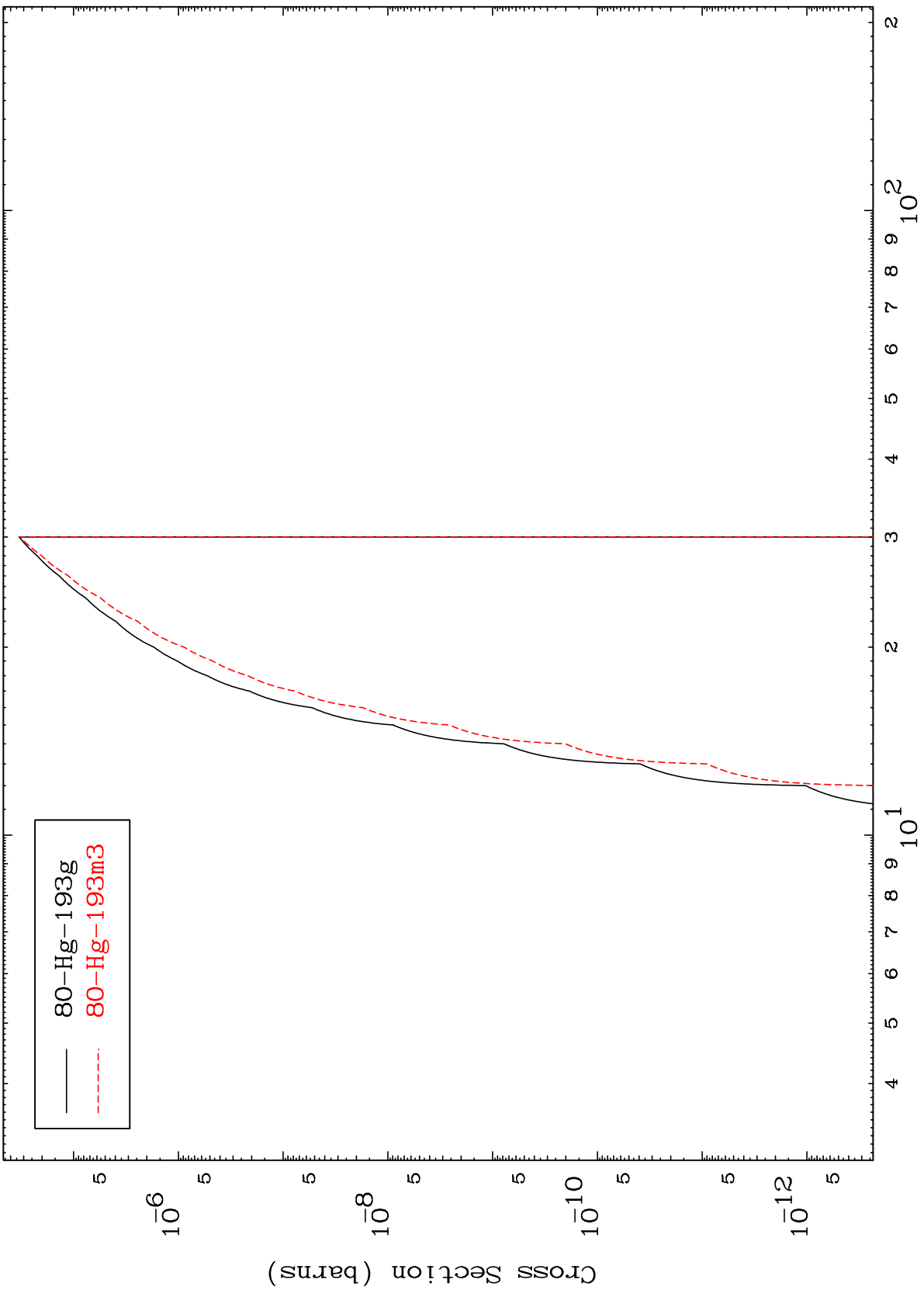
81-Tl-194

MAT 8098

(n,p) d

81-Tl-194

Radionuclide Production Cross Section



30

Incident Energy (MeV)

81-Tl-194