

Program EVALPLOT
(Version 2018-1)

by

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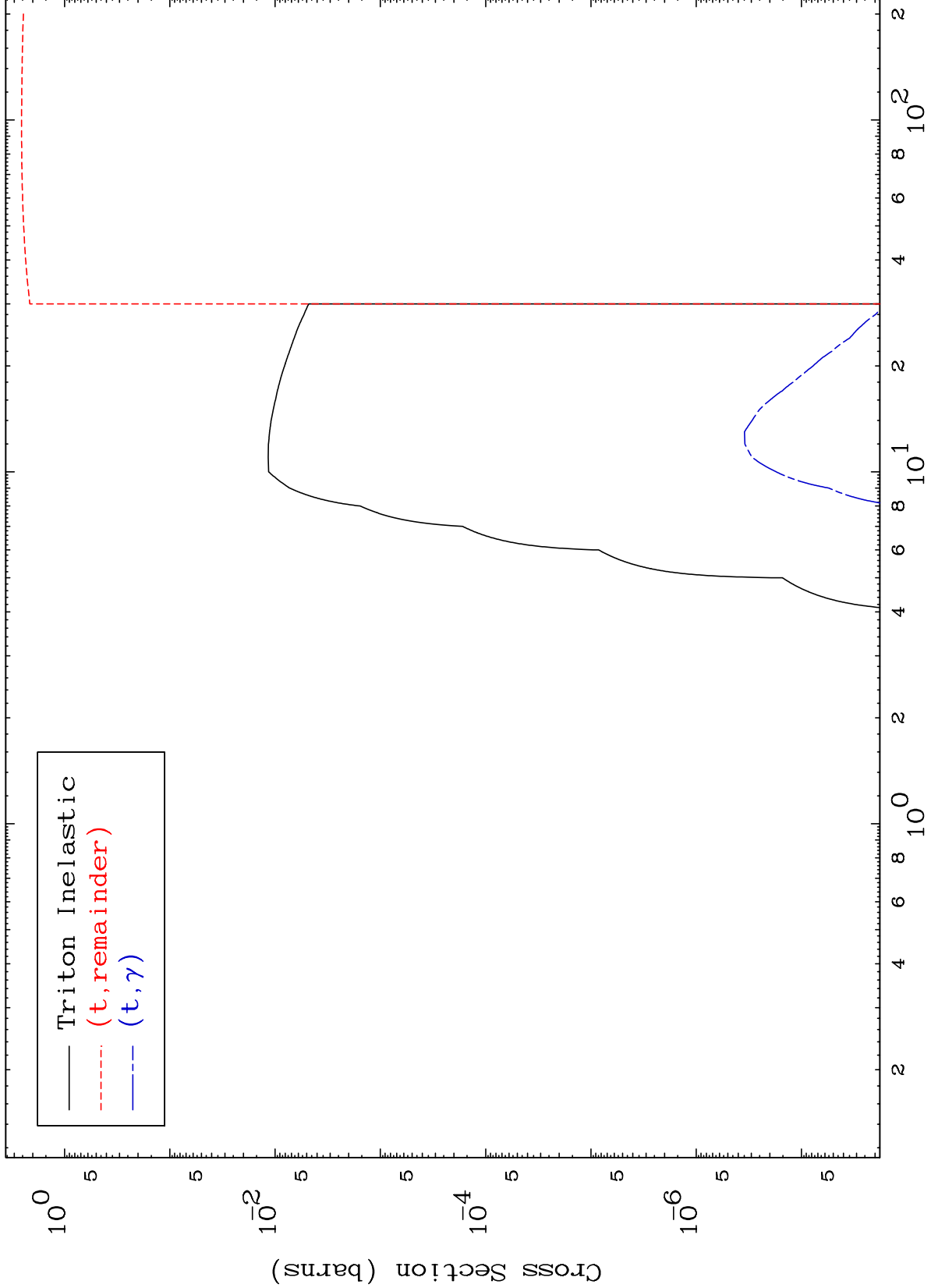
Press Mouse Button to Start

MAT 7734

Triton Major

77-Ir-194

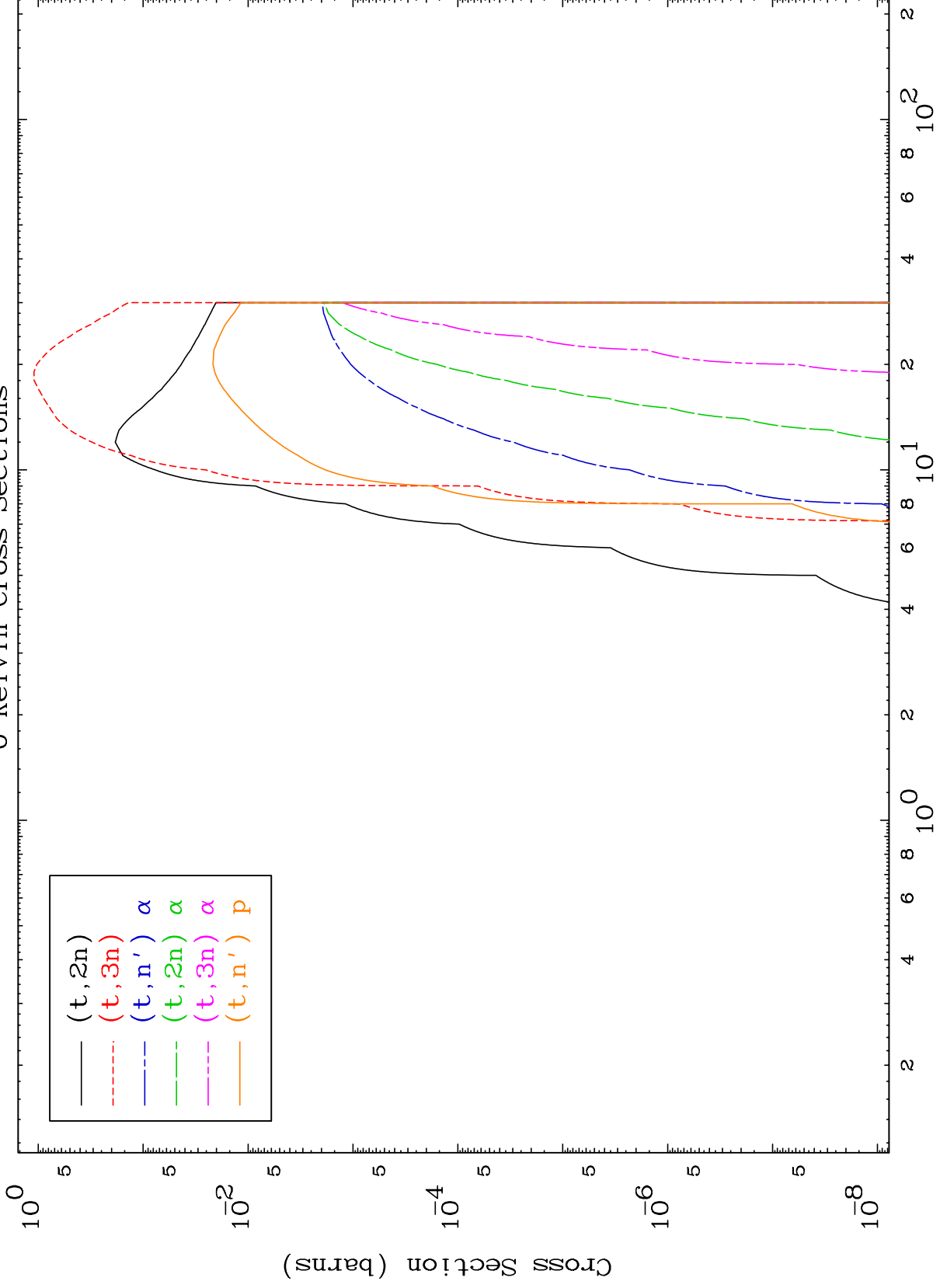
0 Kelvin Cross Sections



MAT 7734

Triton Neutron Production
0 Kelvin Cross Sections

77-Ir-194

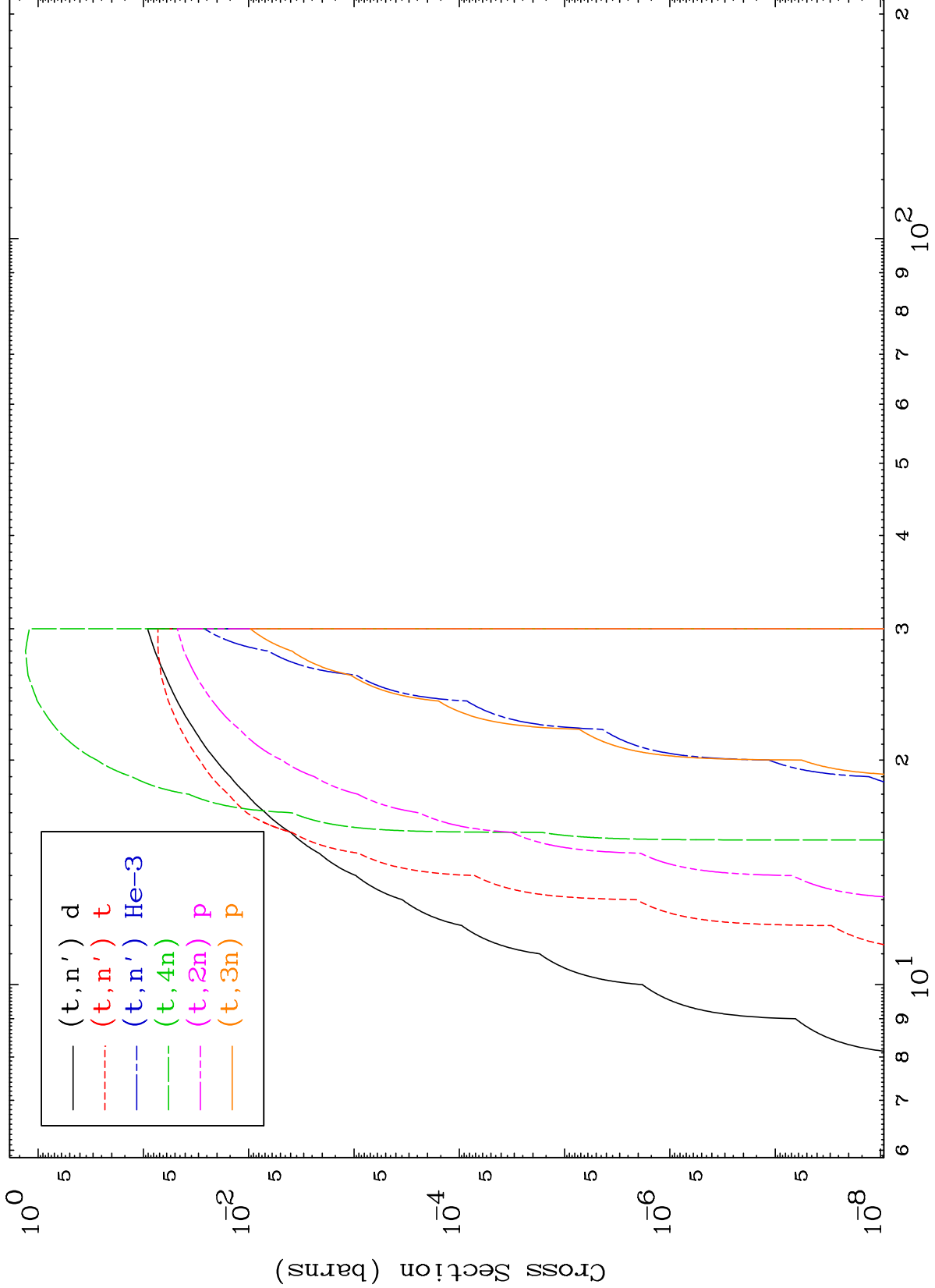


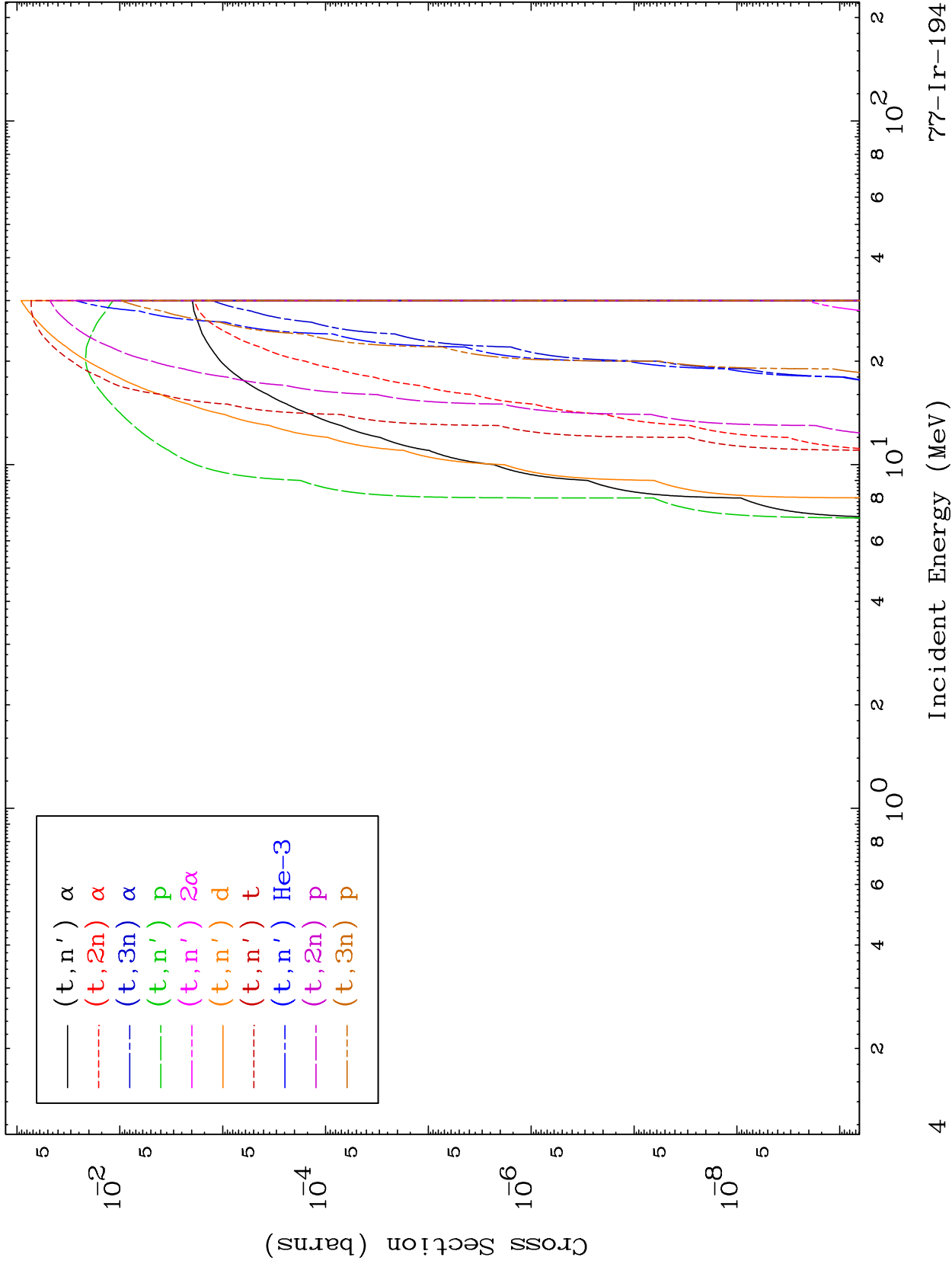
(t, 2n)
(t, 3n)
(t, n') α
(t, 2n) α
(t, 3n) α
(t, n') p

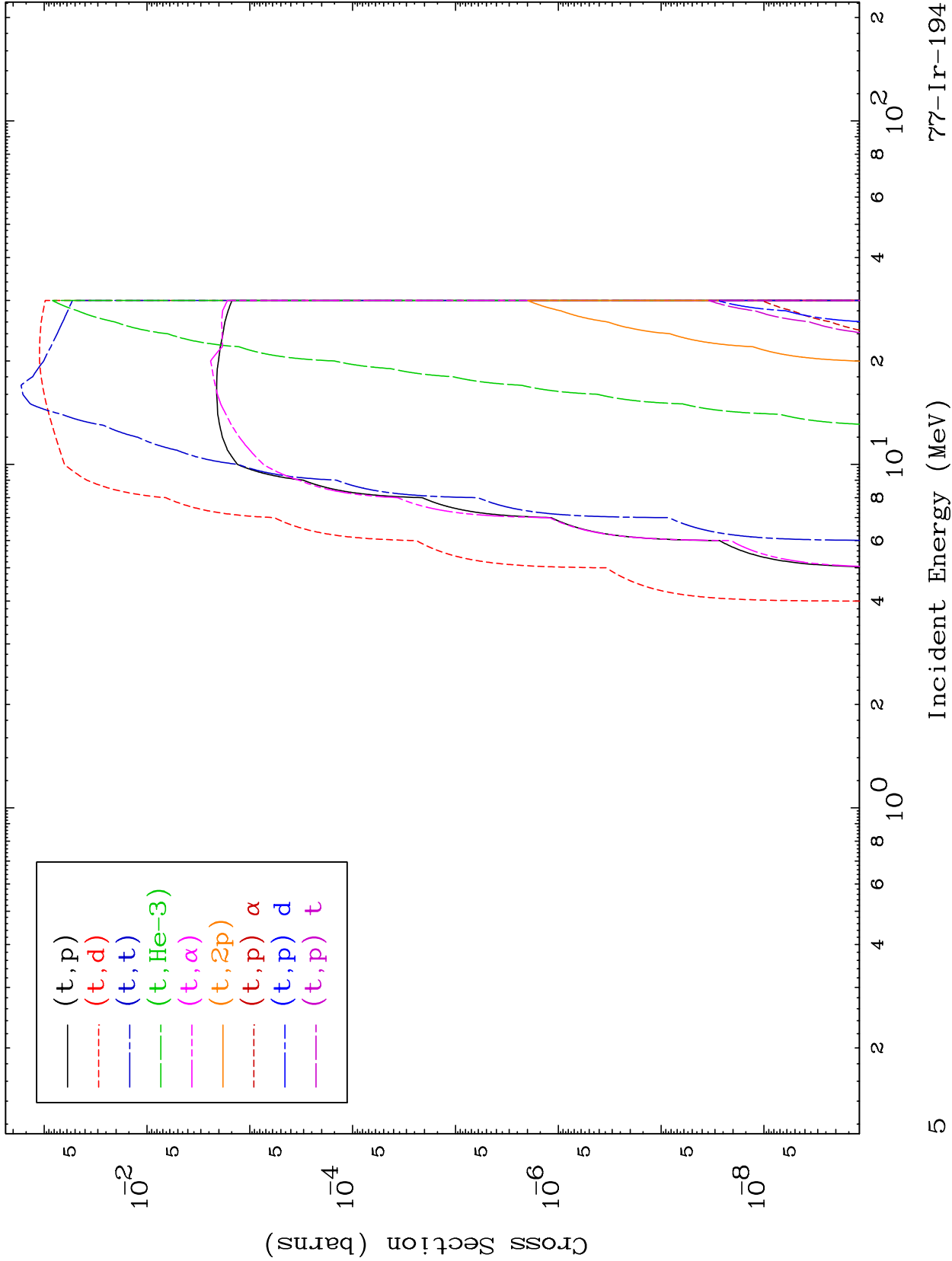
77-Ir-194

Incident Energy (MeV)

2



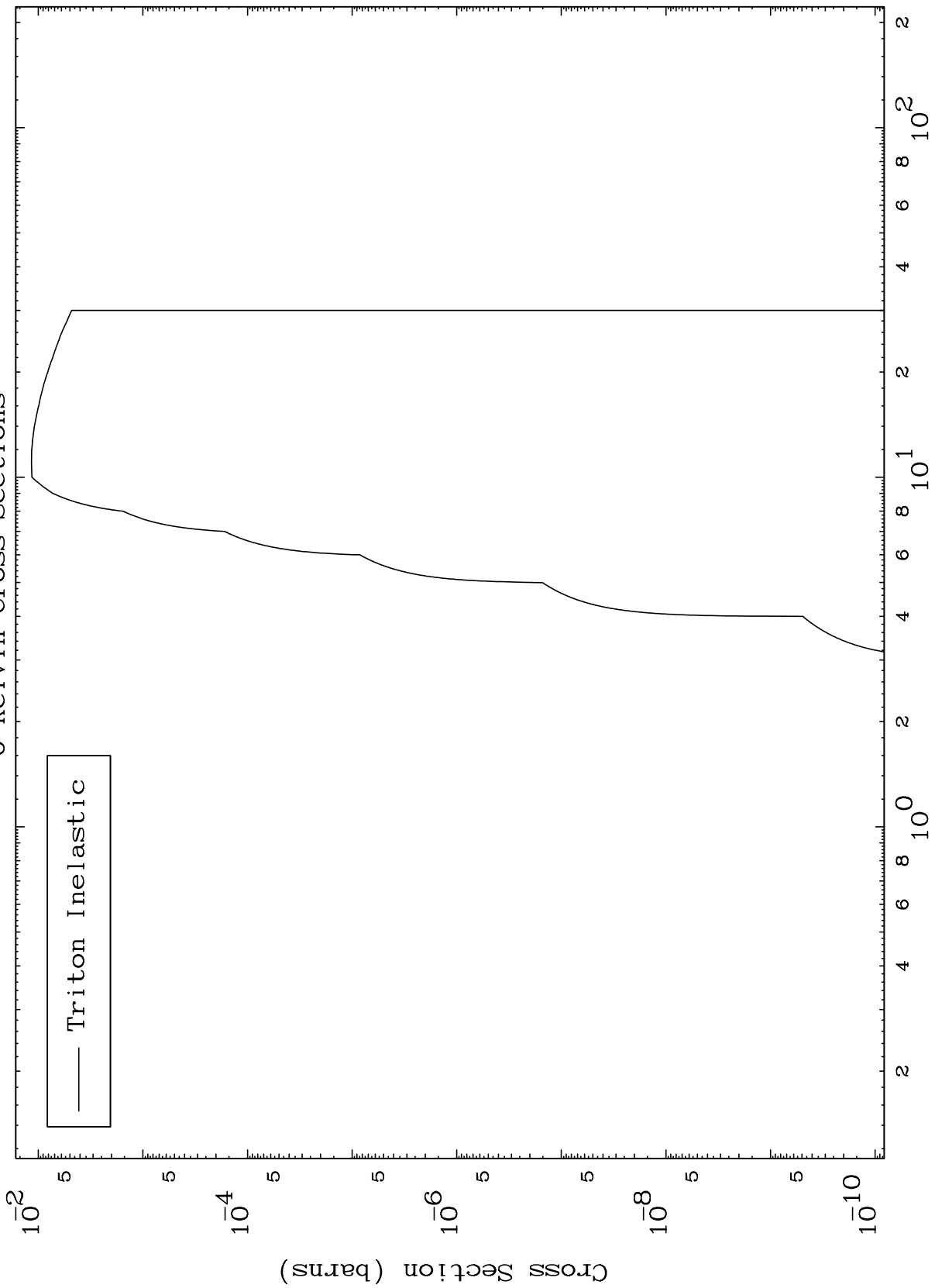




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77-Ir-194

(t, n') Level
0 Kelvin Cross Sections



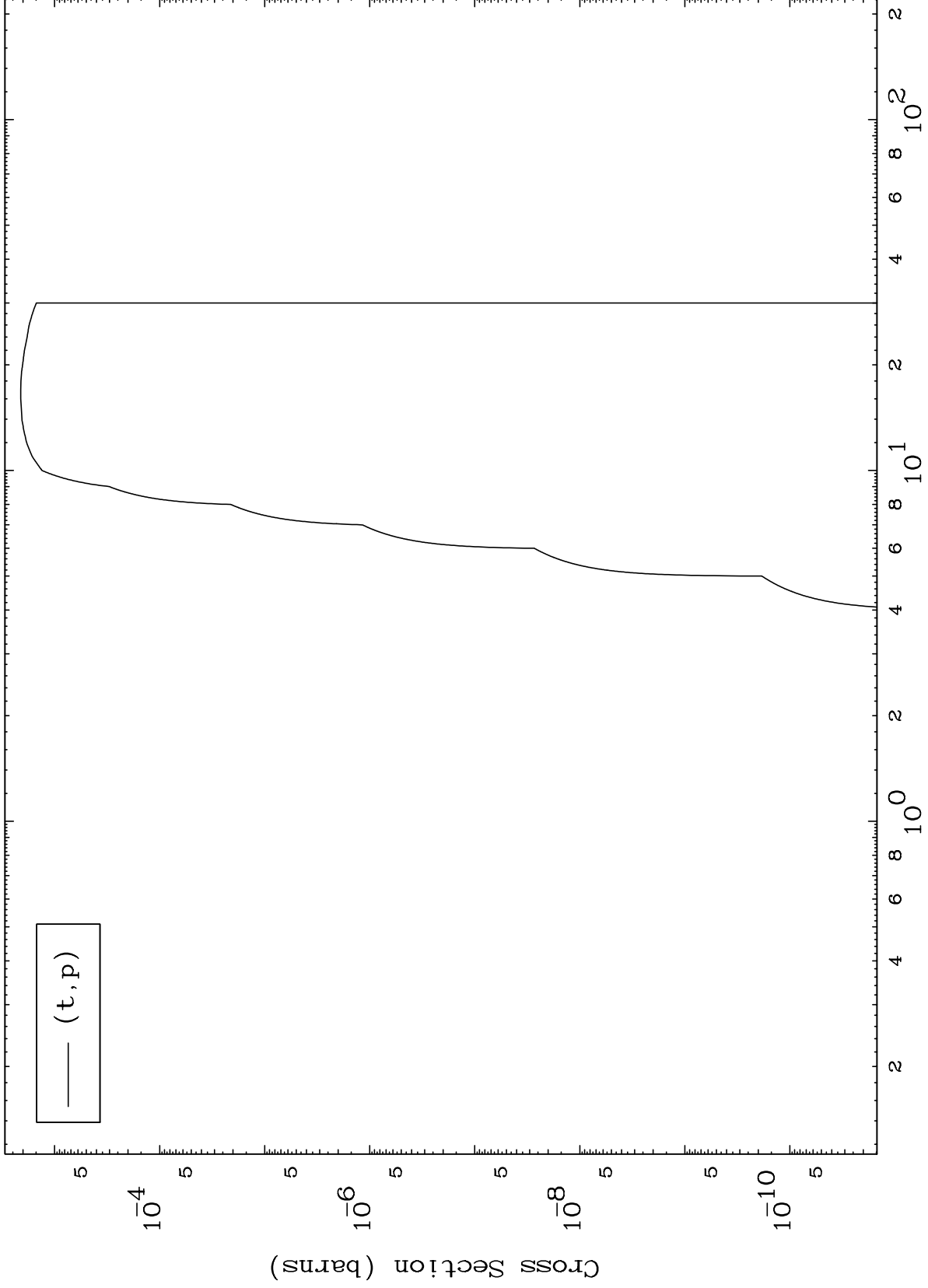
77-Ir-194

Incident Energy (MeV)

MAT 7734

77-Ir-194

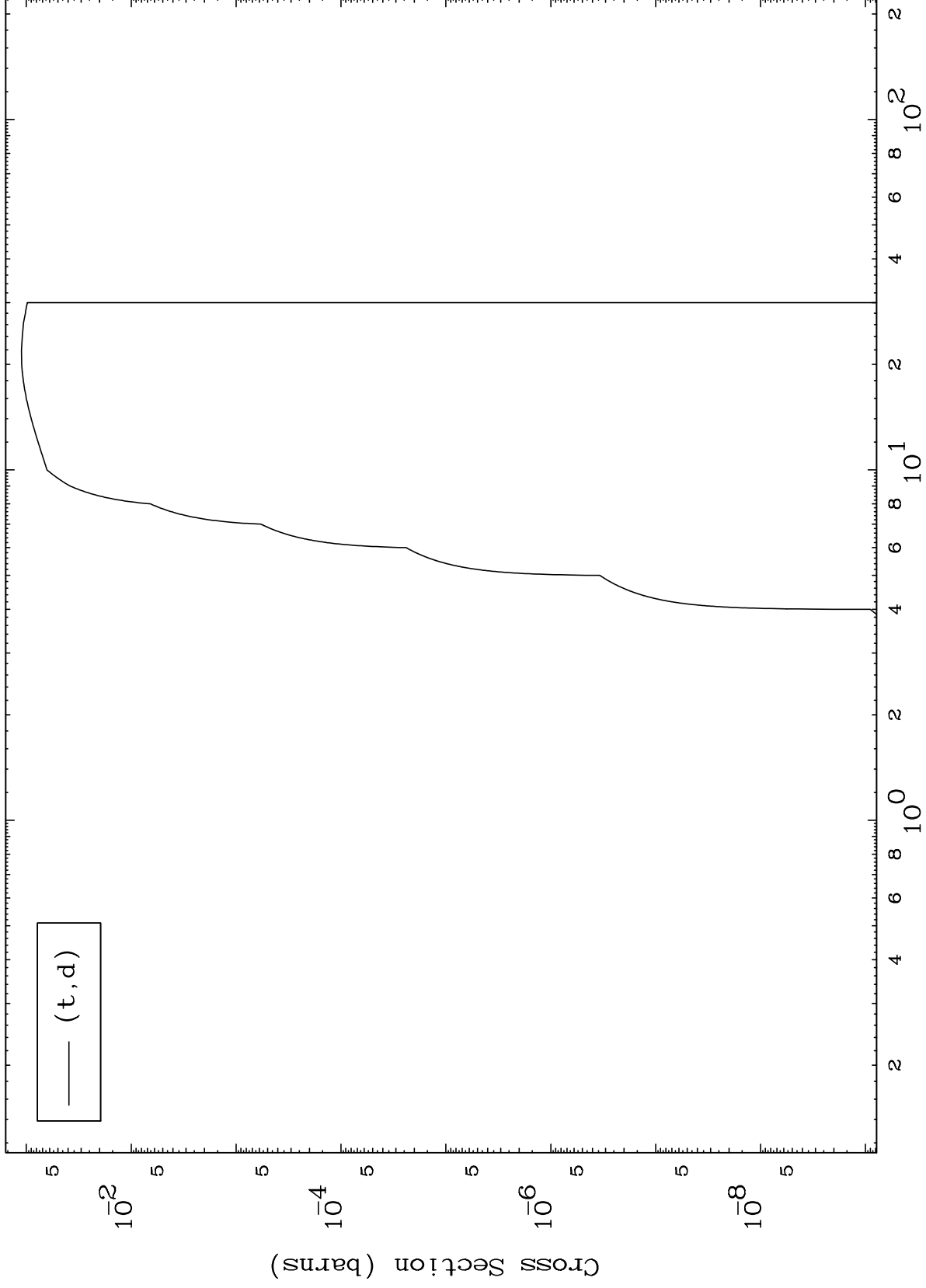
(t,p) Levels
0 Kelvin Cross Sections



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(t,d) Levels
0 Kelvin Cross Sections

77-Ir-194

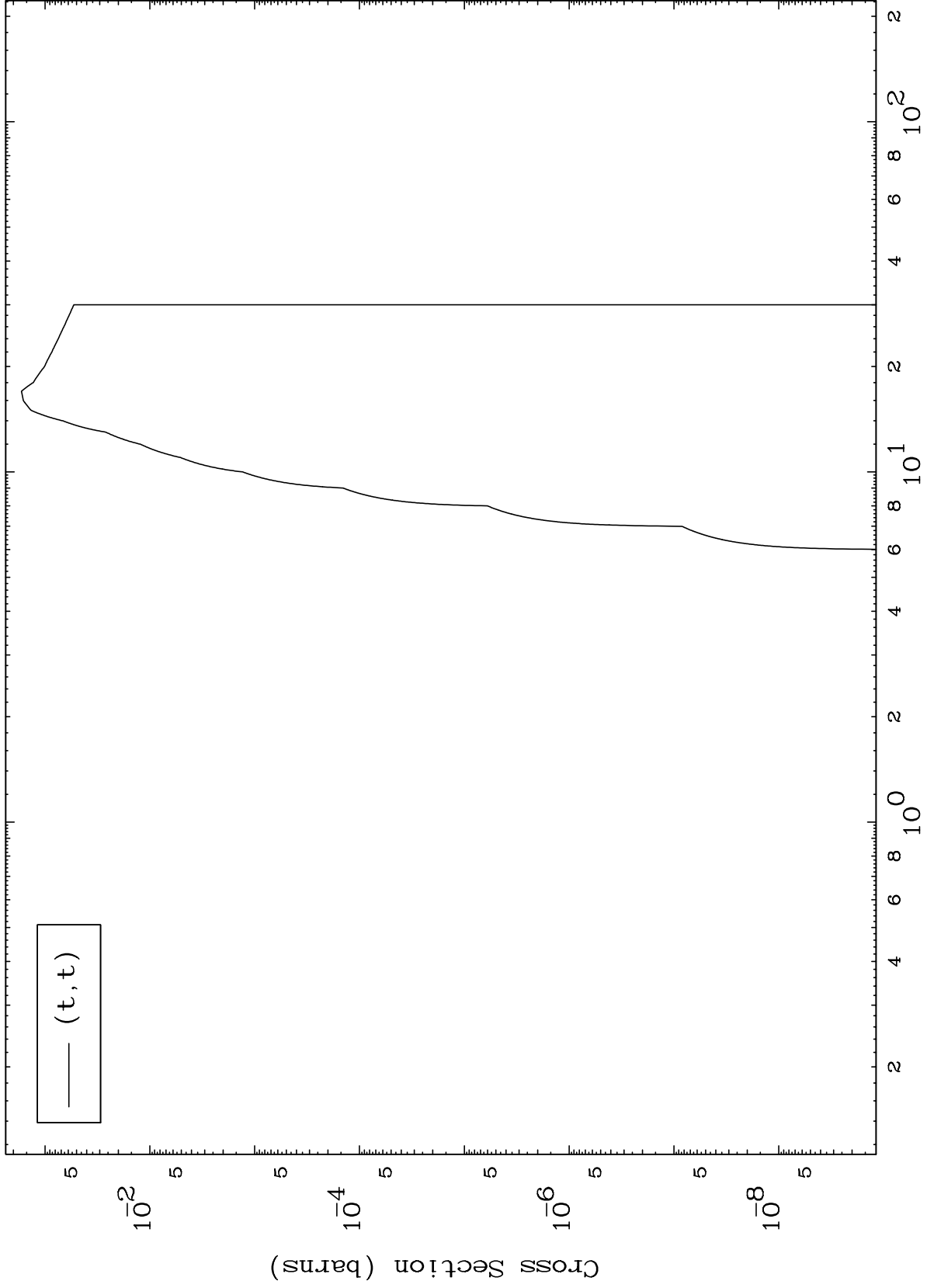


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(t, t) Levels

77-Ir-194

0 Kelvin Cross Sections

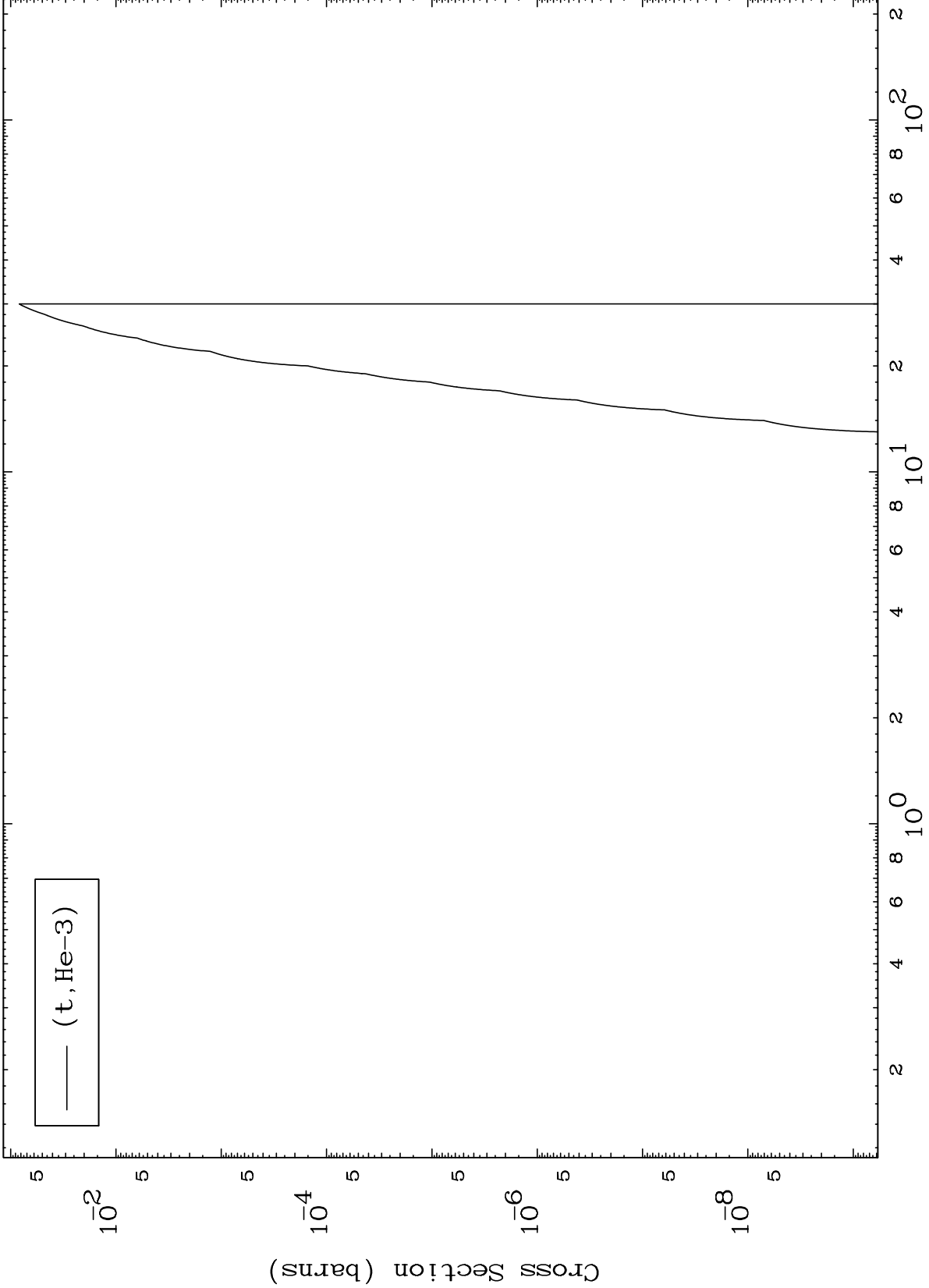


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(t,He3) Levels

77-Ir-194

0 Kelvin Cross Sections



10

Incident Energy (MeV)

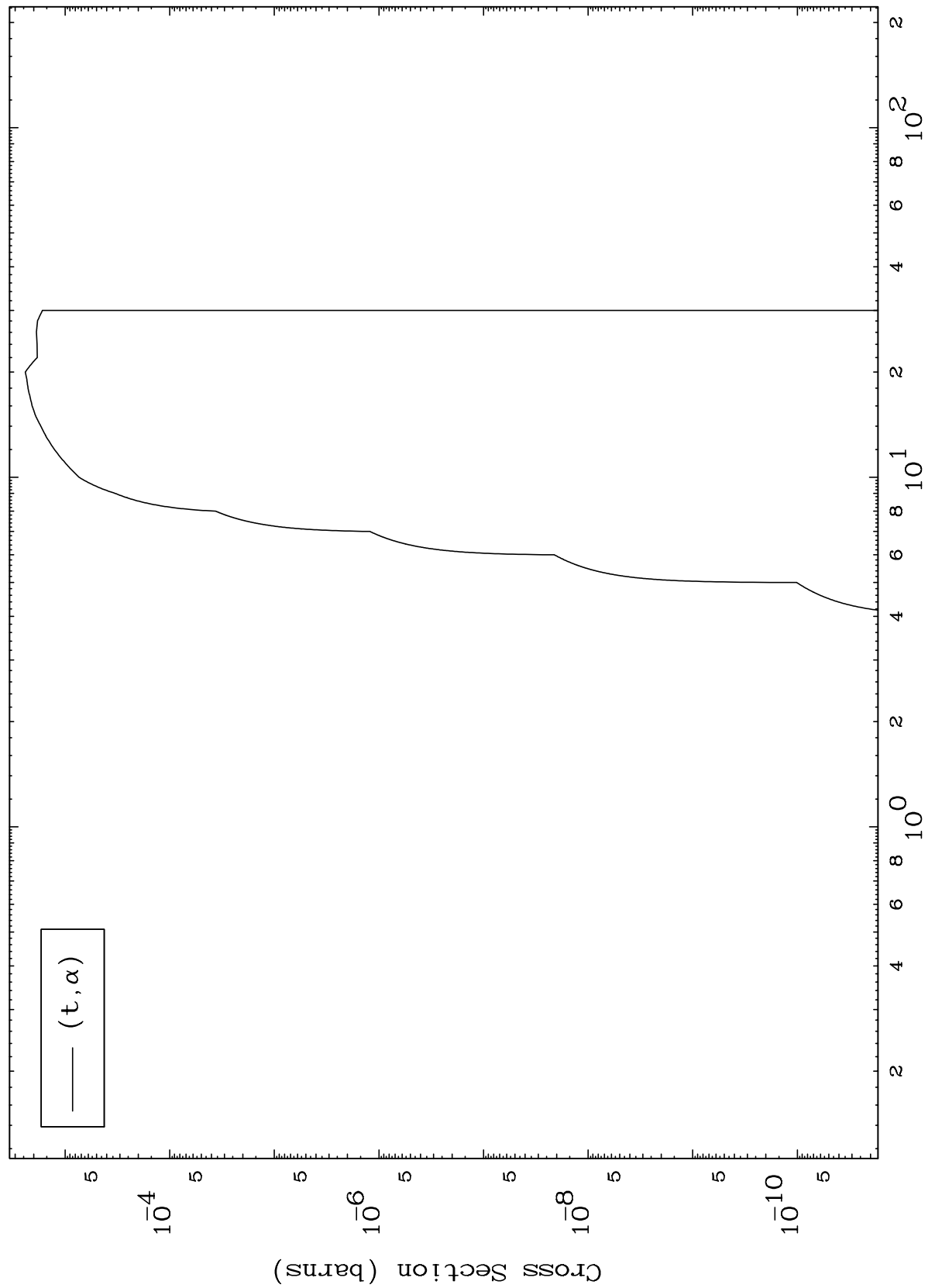
77-Ir-194

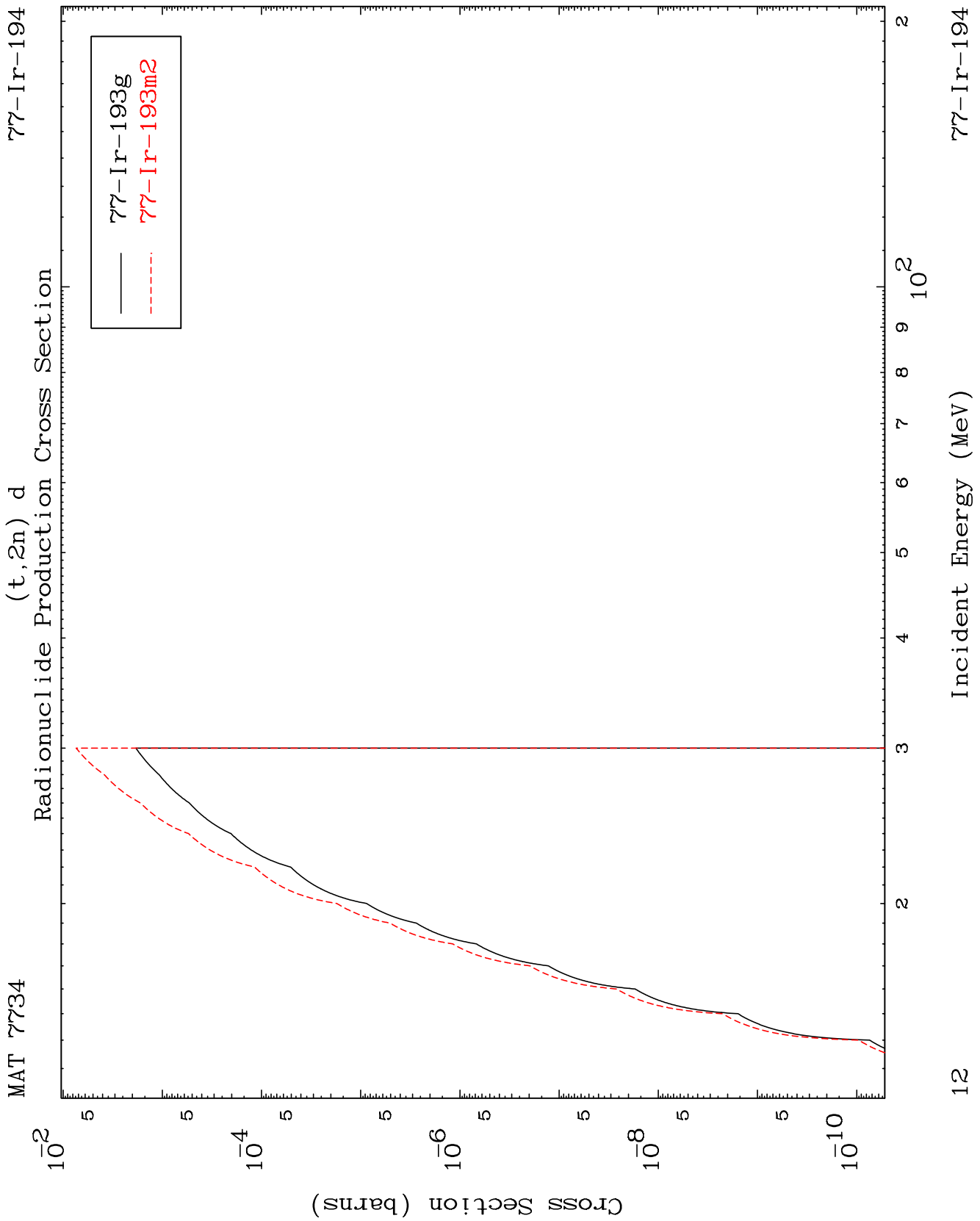
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(t, α) Levels

77-Ir-194

0 Kelvin Cross Sections

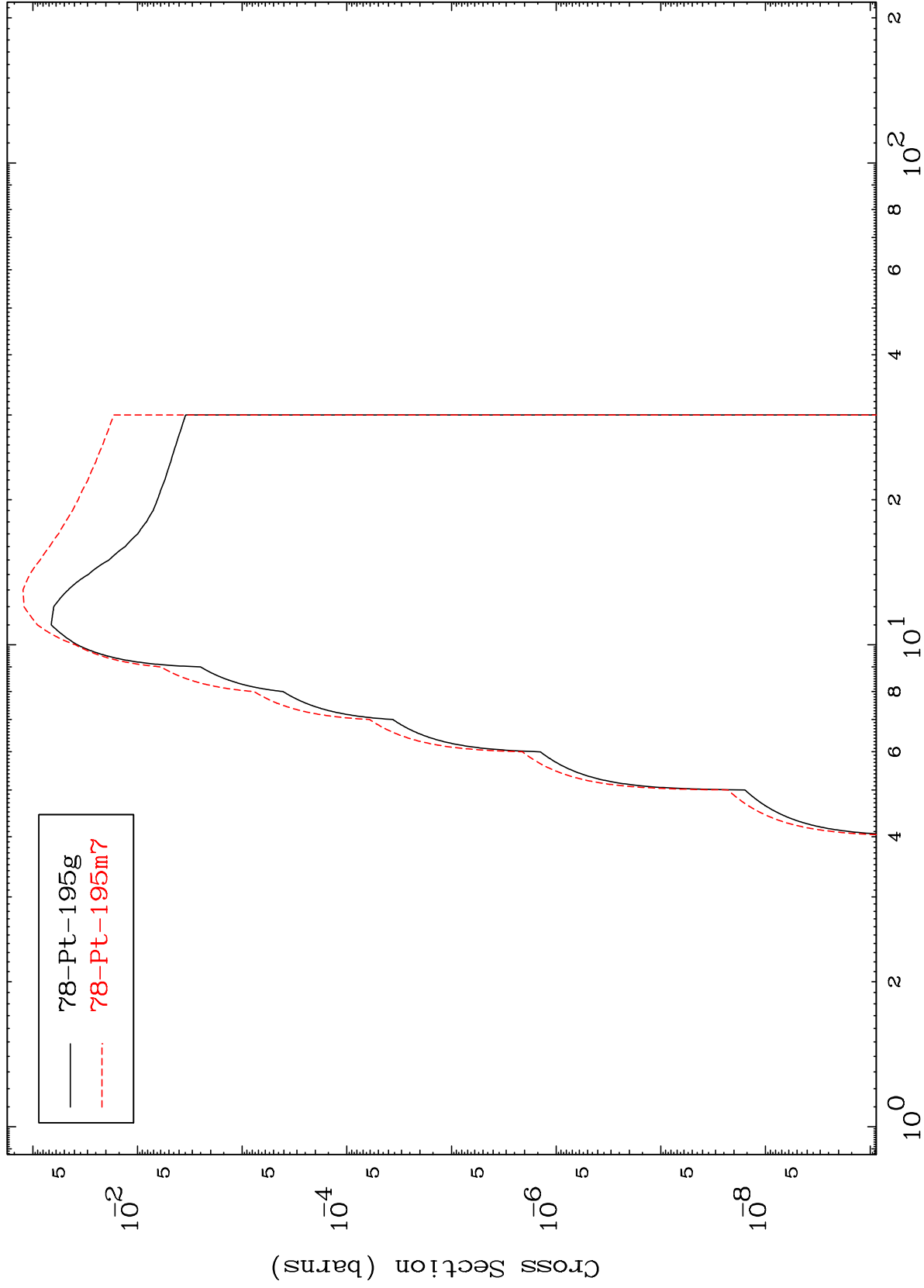




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77-Ir-194

Radionuclide Production Cross Section
(t,2n)



77-Ir-194

Incident Energy (MeV)

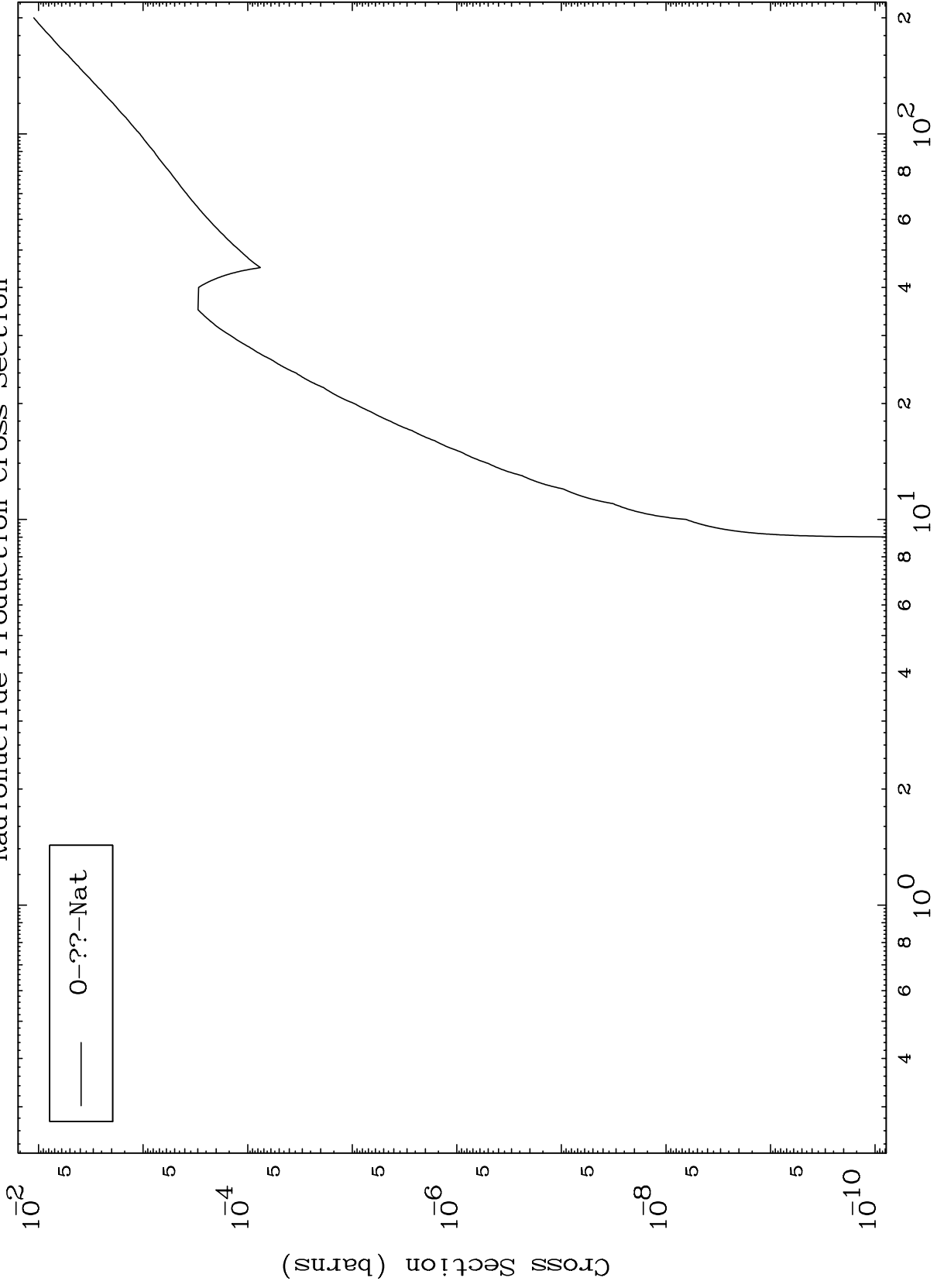
13

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Triton Fission

⁷⁷Ir-194

Radionuclide Production Cross Section

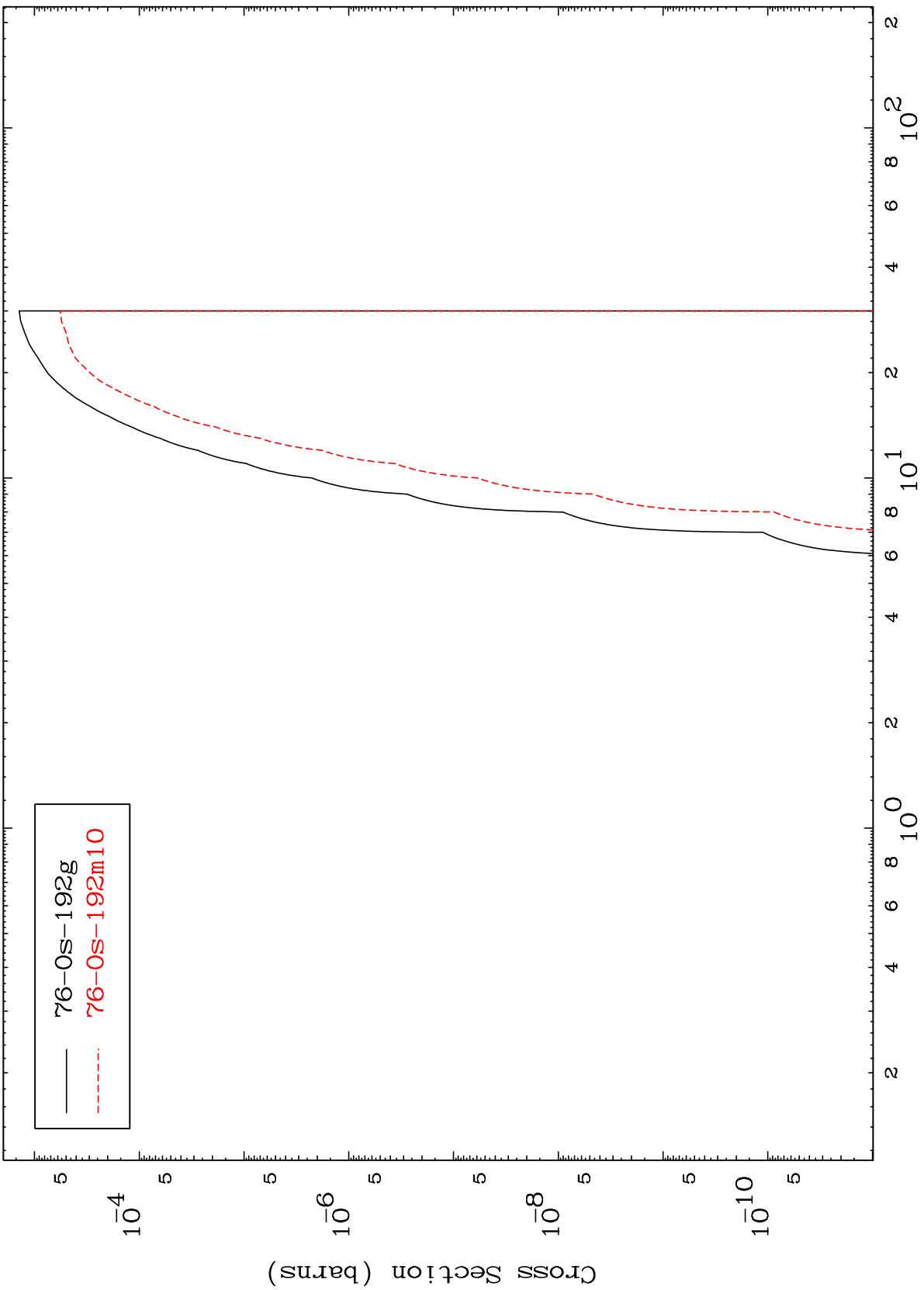


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$(t, n') \alpha$

$^{77}\text{Ir-194}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

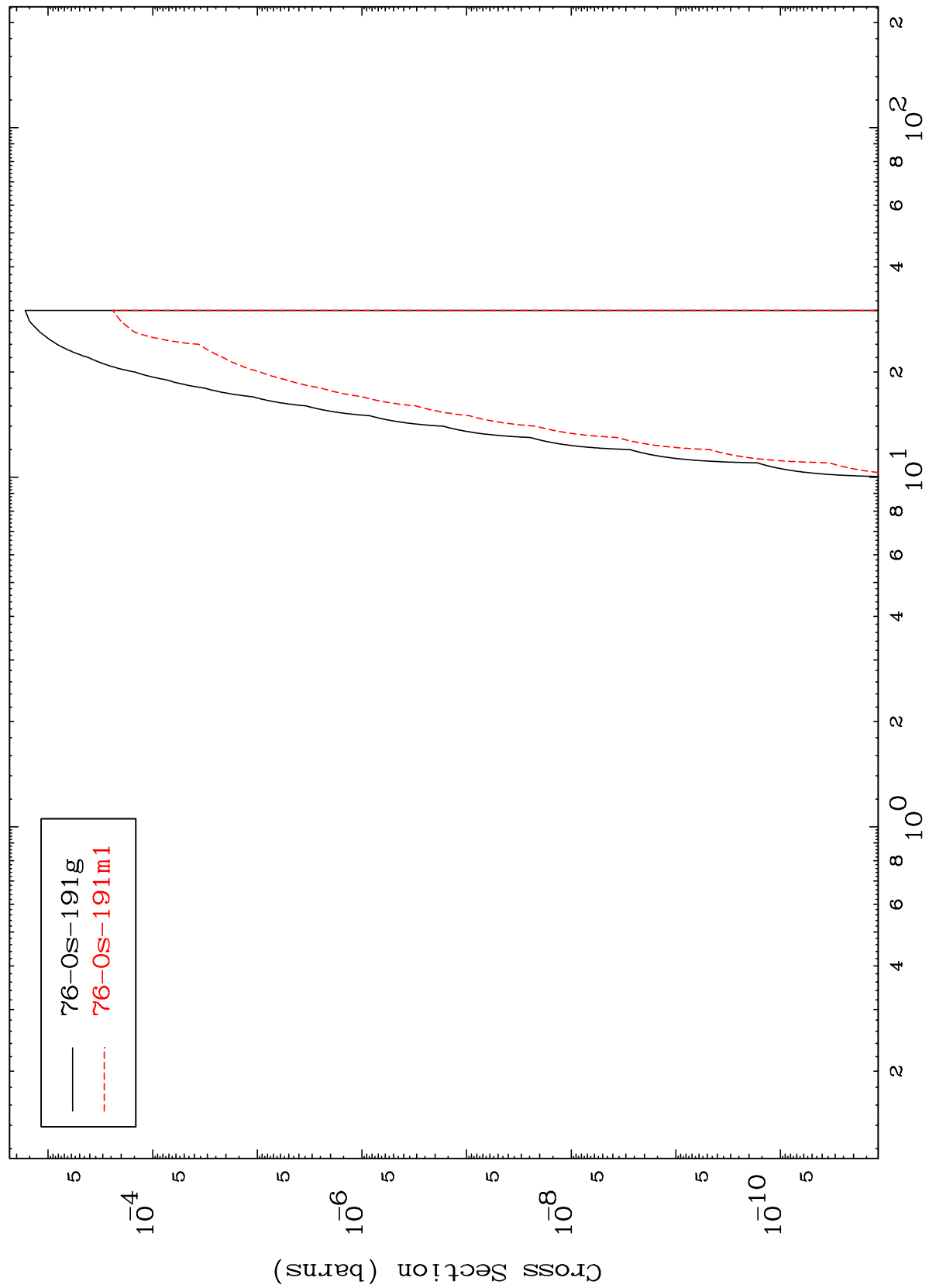
$^{77}\text{Ir-194}$

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(t,2n) α

77-Ir-194

Radionuclide Production Cross Section

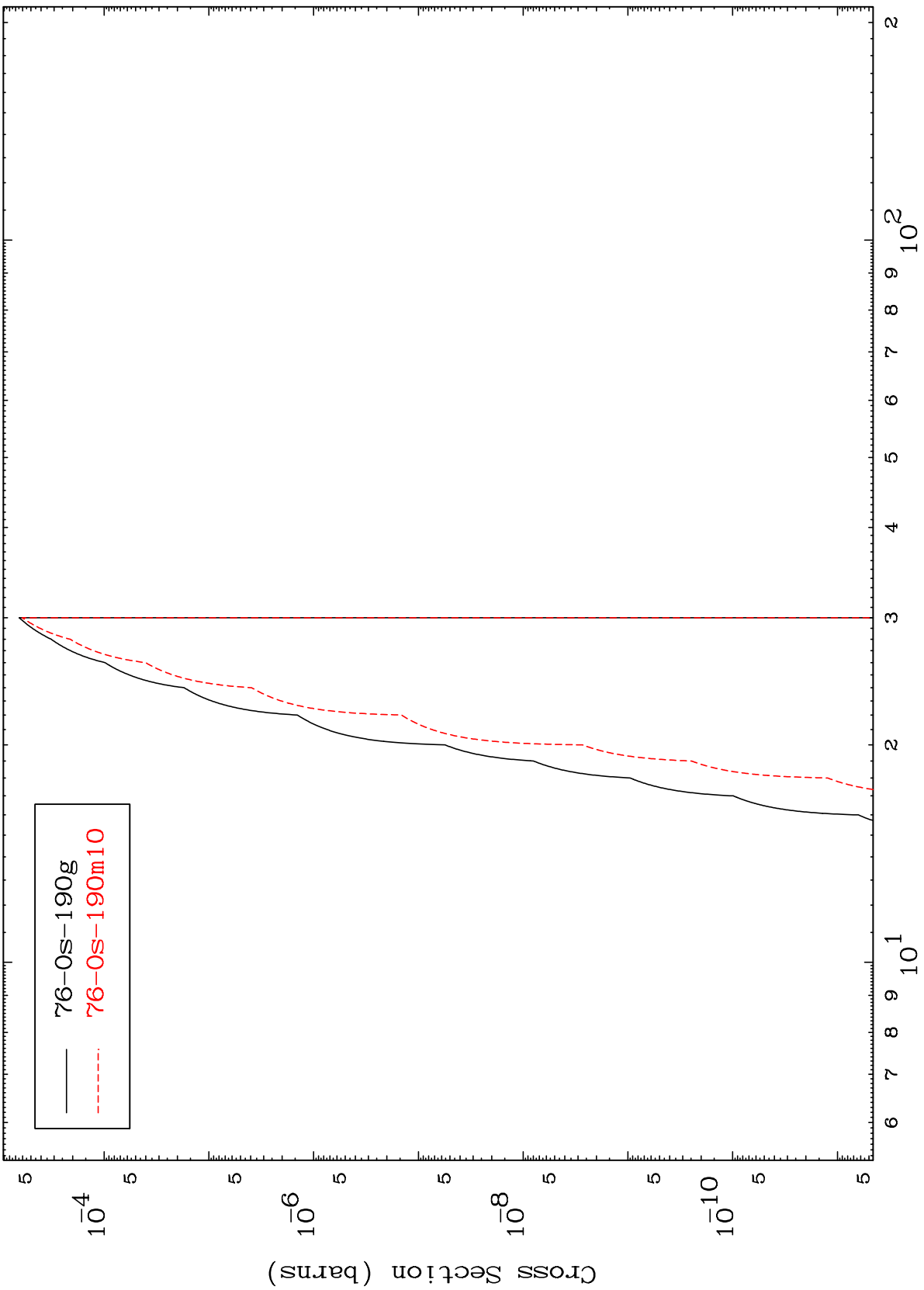


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$(t,3n) \alpha$

$^{77}\text{Ir-194}$

Radionuclide Production Cross Section



17

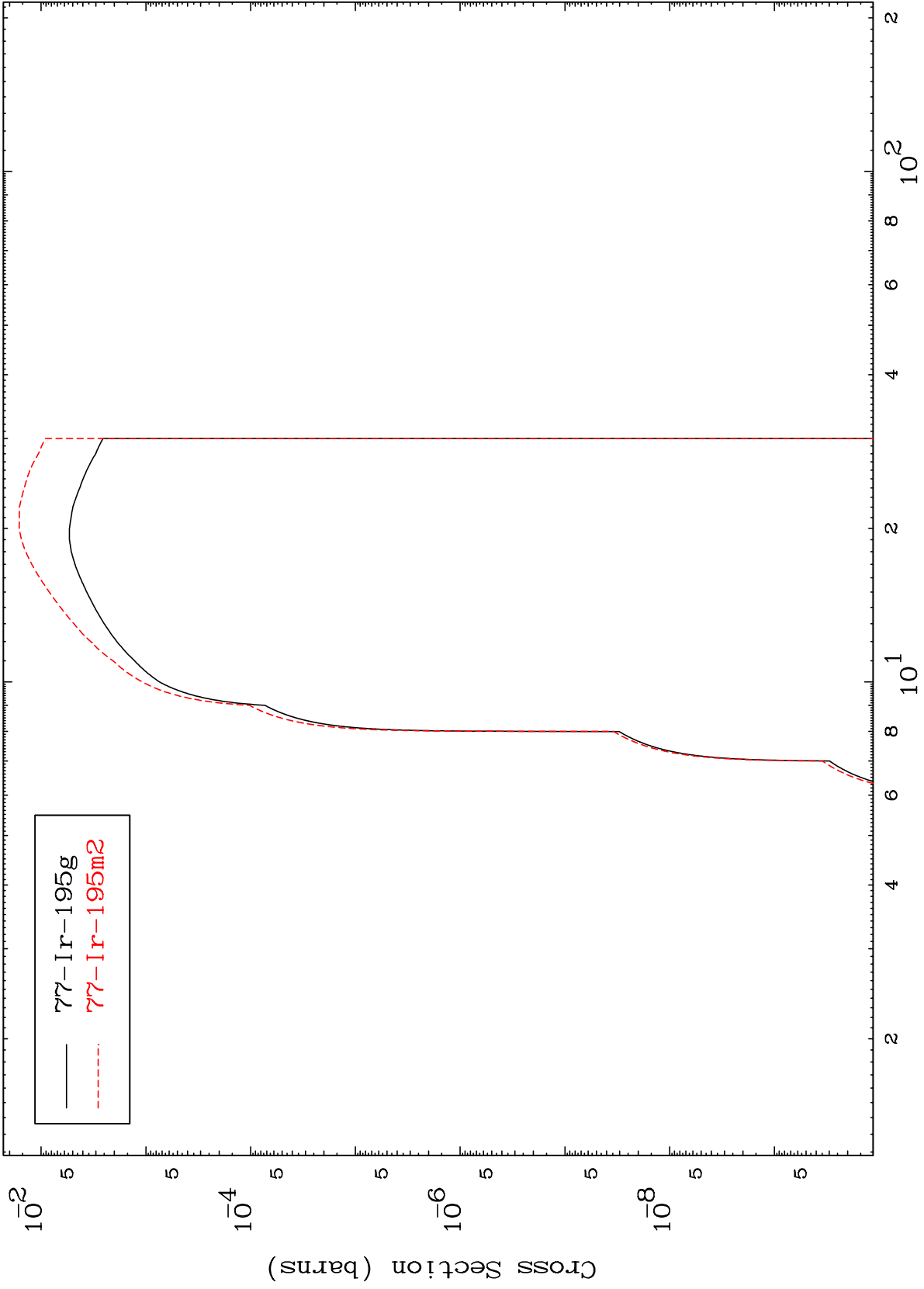
Incident Energy (MeV)

$^{77}\text{Ir-194}$

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⁷⁷Ir-194

(t,n') p
Radionuclide Production Cross Section



18

⁷⁷Ir-194

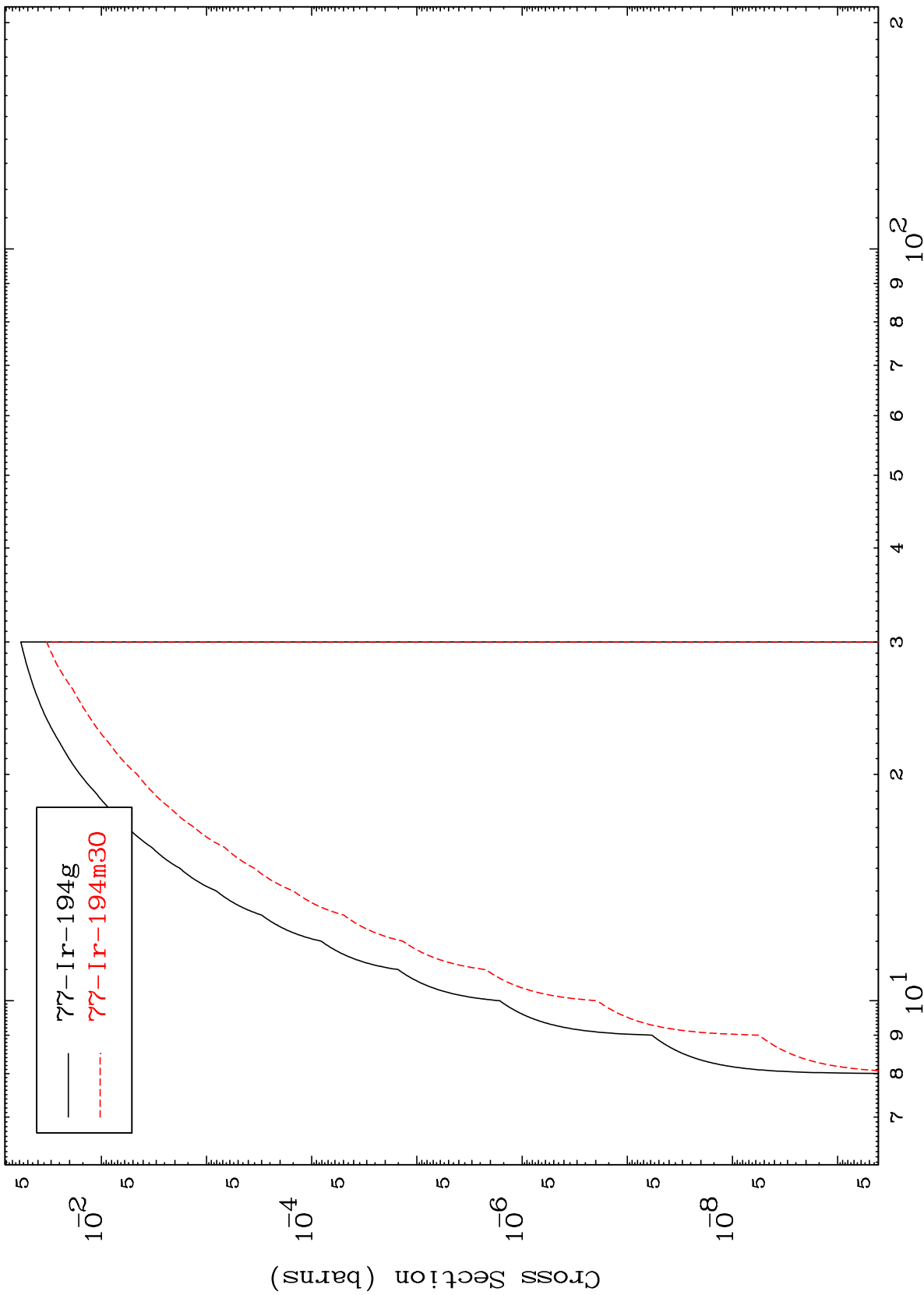
Incident Energy (MeV)

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(t,n') d

⁷⁷Ir-194

Radionuclide Production Cross Section



19

Incident Energy (MeV)

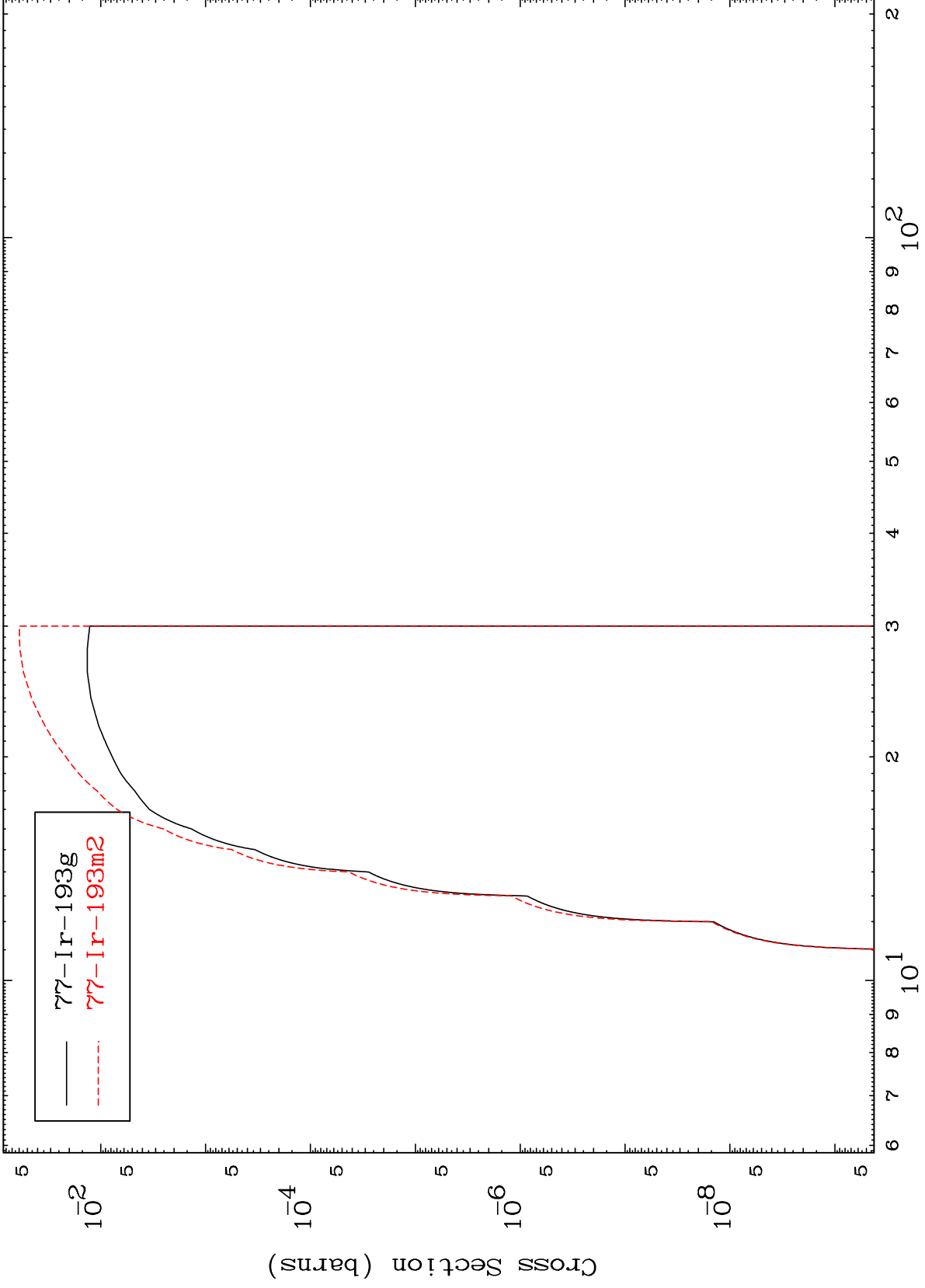
⁷⁷Ir-194

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(t,n') t

⁷⁷Ir-194

Radionuclide Production Cross Section



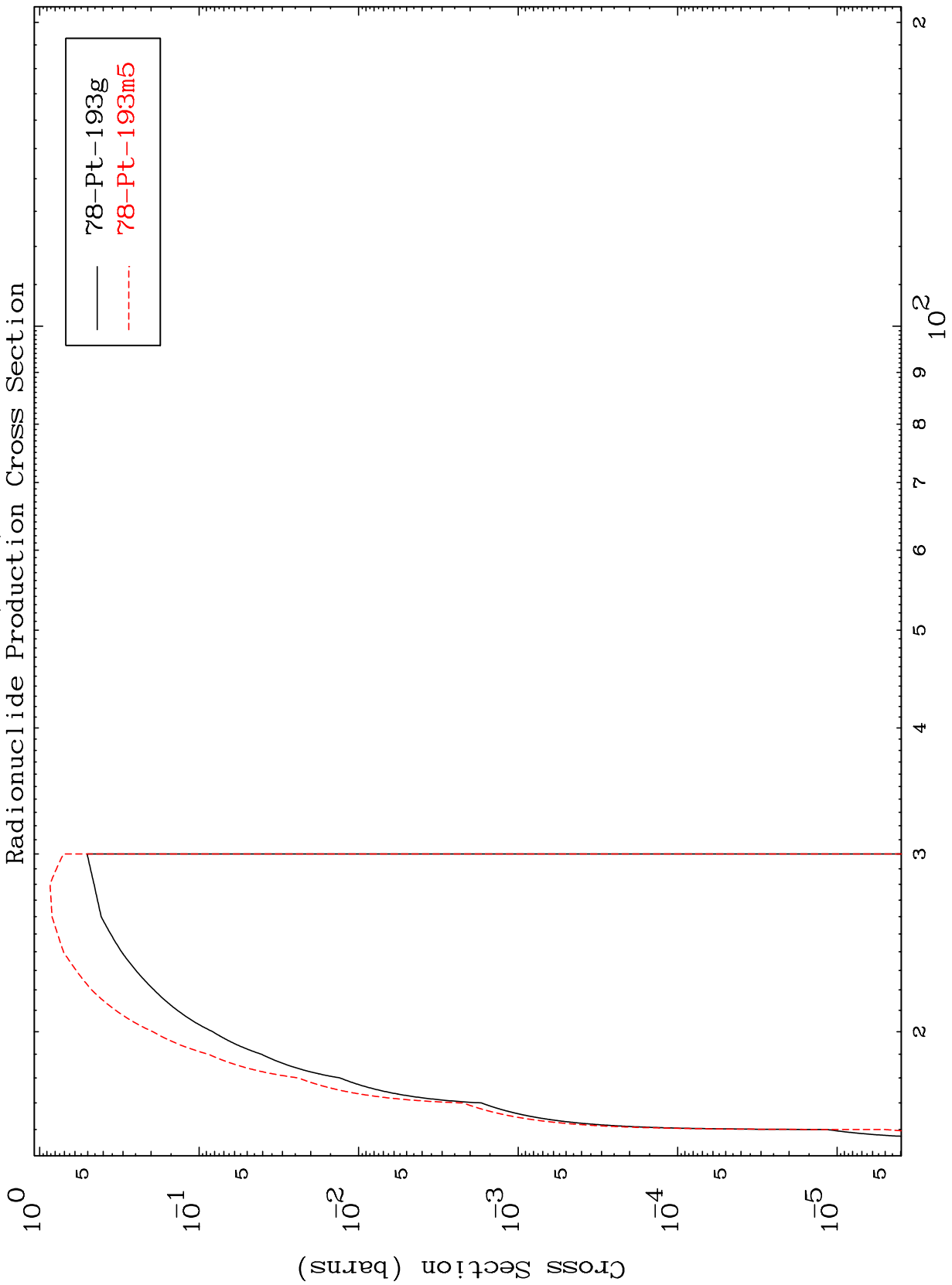
— ⁷⁷Ir-193g
- - - ⁷⁷Ir-193m2

20

Incident Energy (MeV)

⁷⁷Ir-194

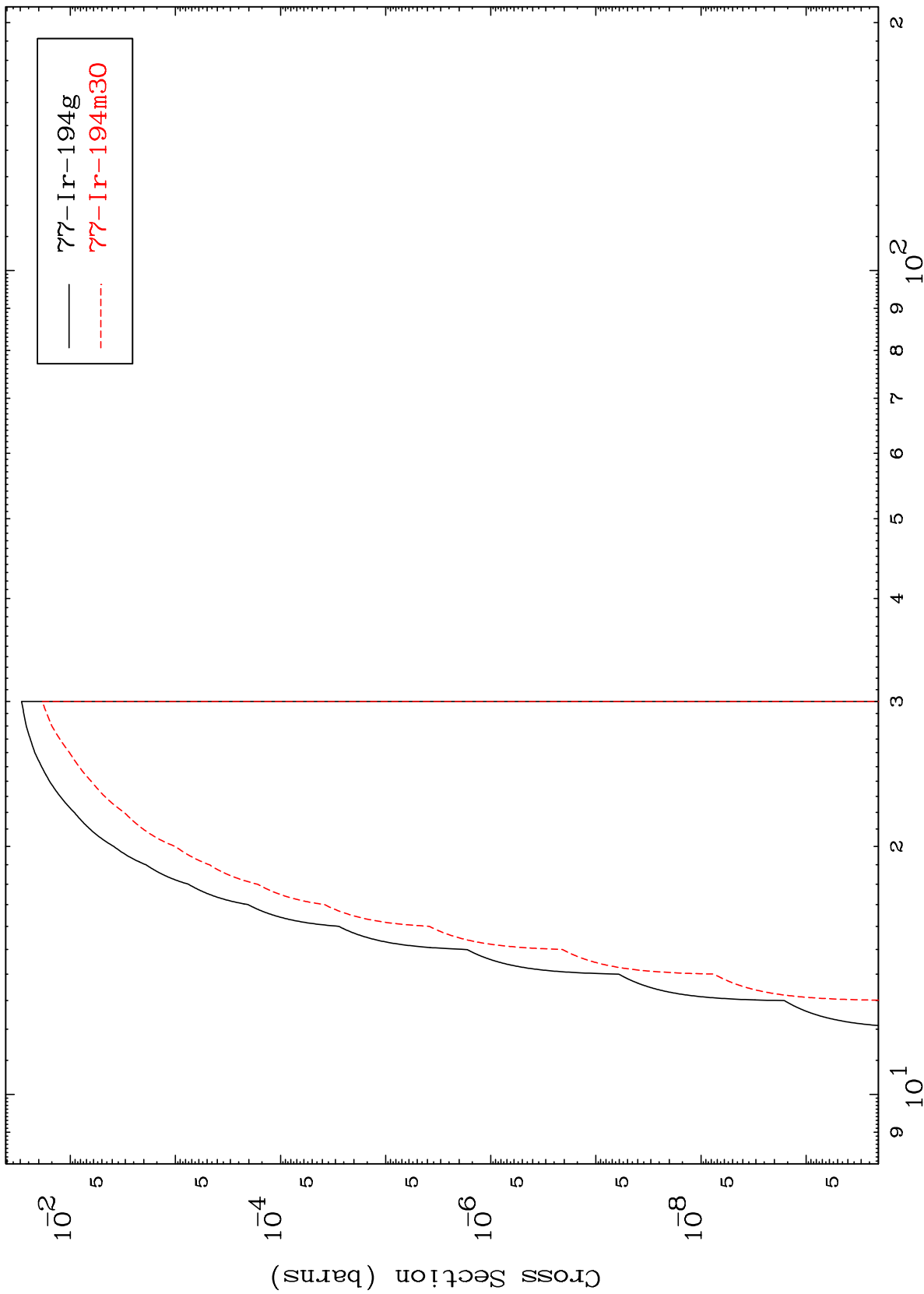
(t,4n)
Radionuclide Production Cross Section



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77-Ir-194

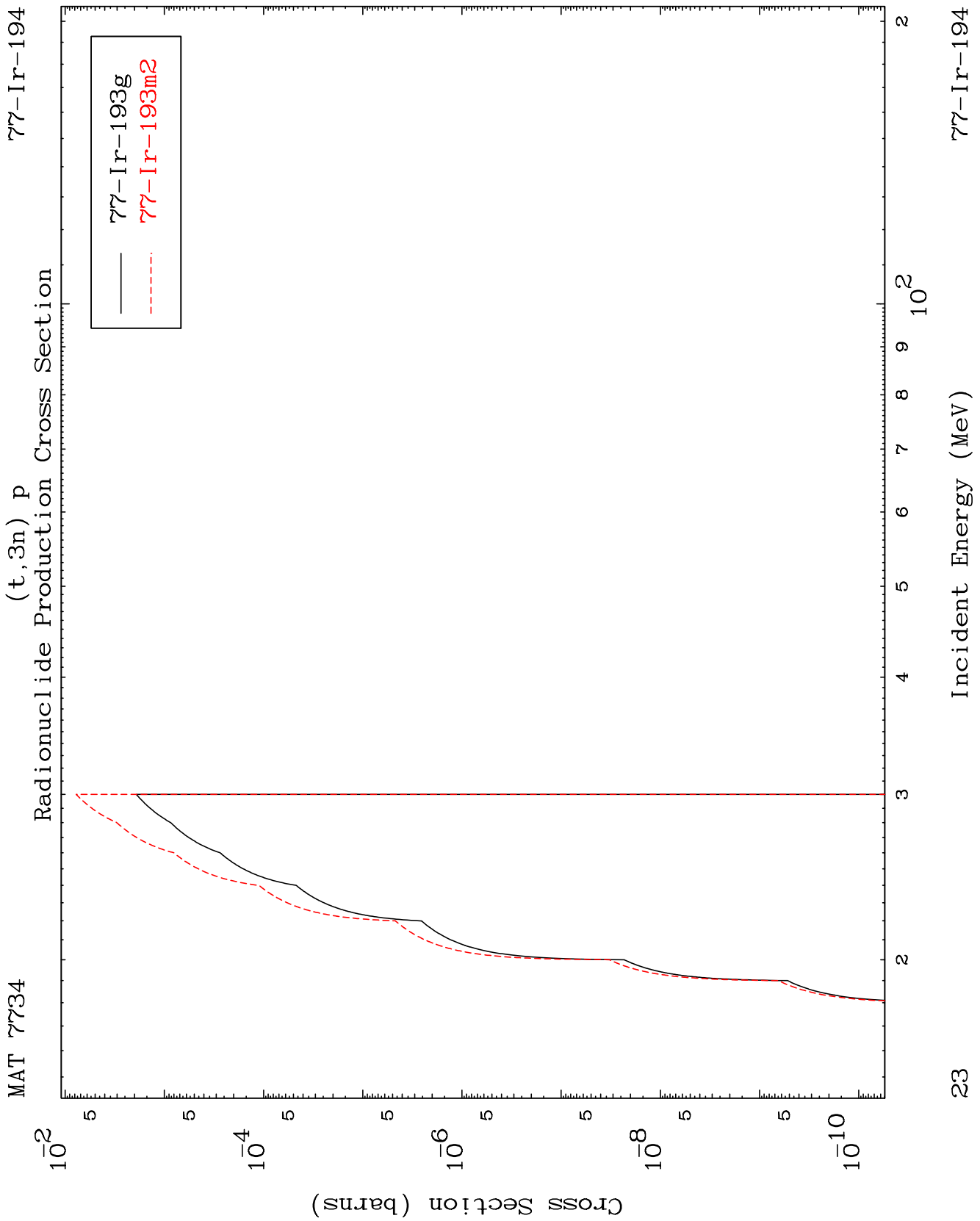
(t,2n) p
Radionuclide Production Cross Section



77-Ir-194

Incident Energy (MeV)

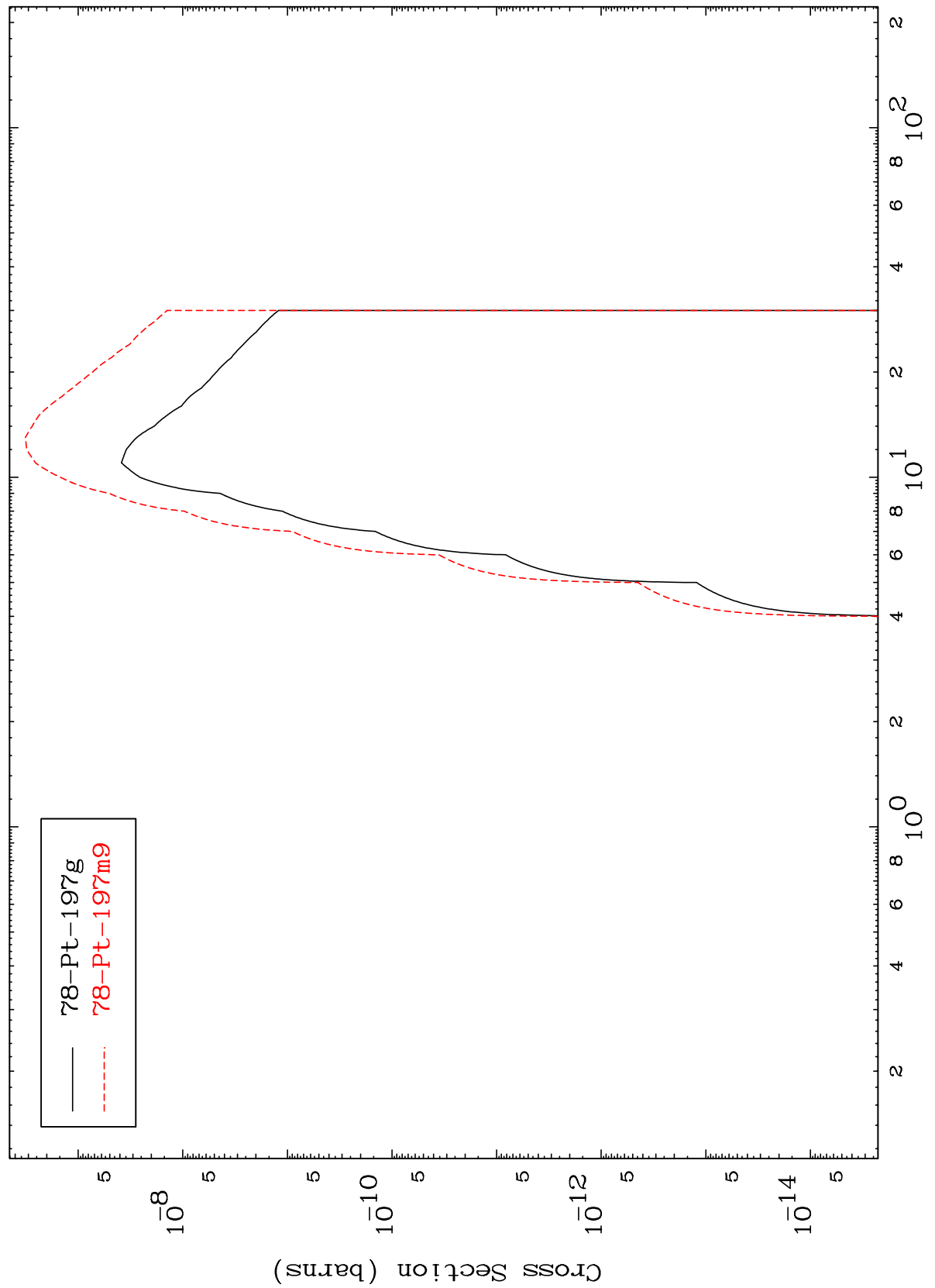
22



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77-Ir-194

(t, γ)
Radionuclide Production Cross Section



24

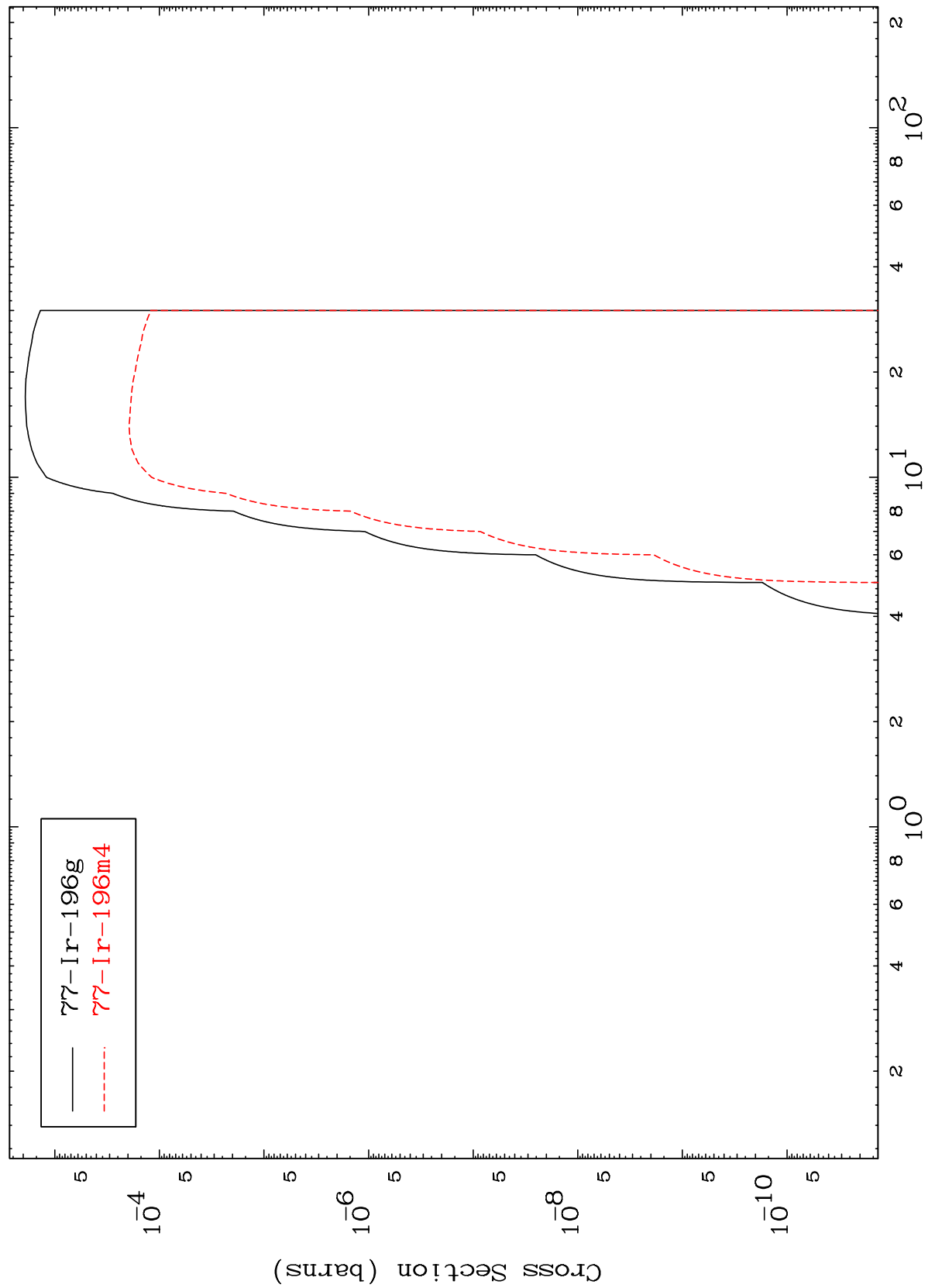
77-Ir-194

Incident Energy (MeV)

MAT 7734

77-Ir-194

(t,p)
Radionuclide Production Cross Section

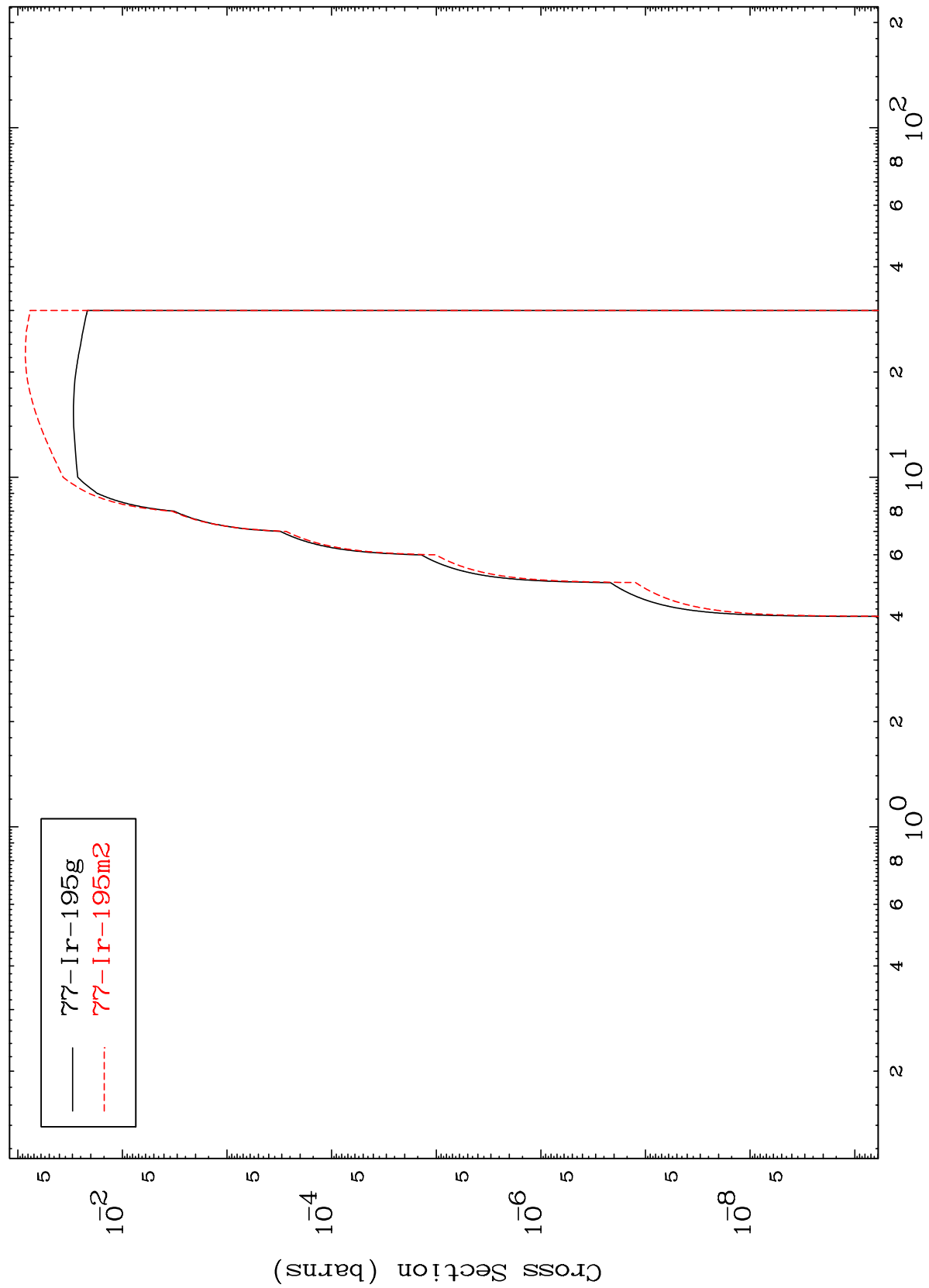


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(t,d)

77-Ir-194

Radionuclide Production Cross Section



77-Ir-195g
77-Ir-195m2

Incident Energy (MeV)

77-Ir-194

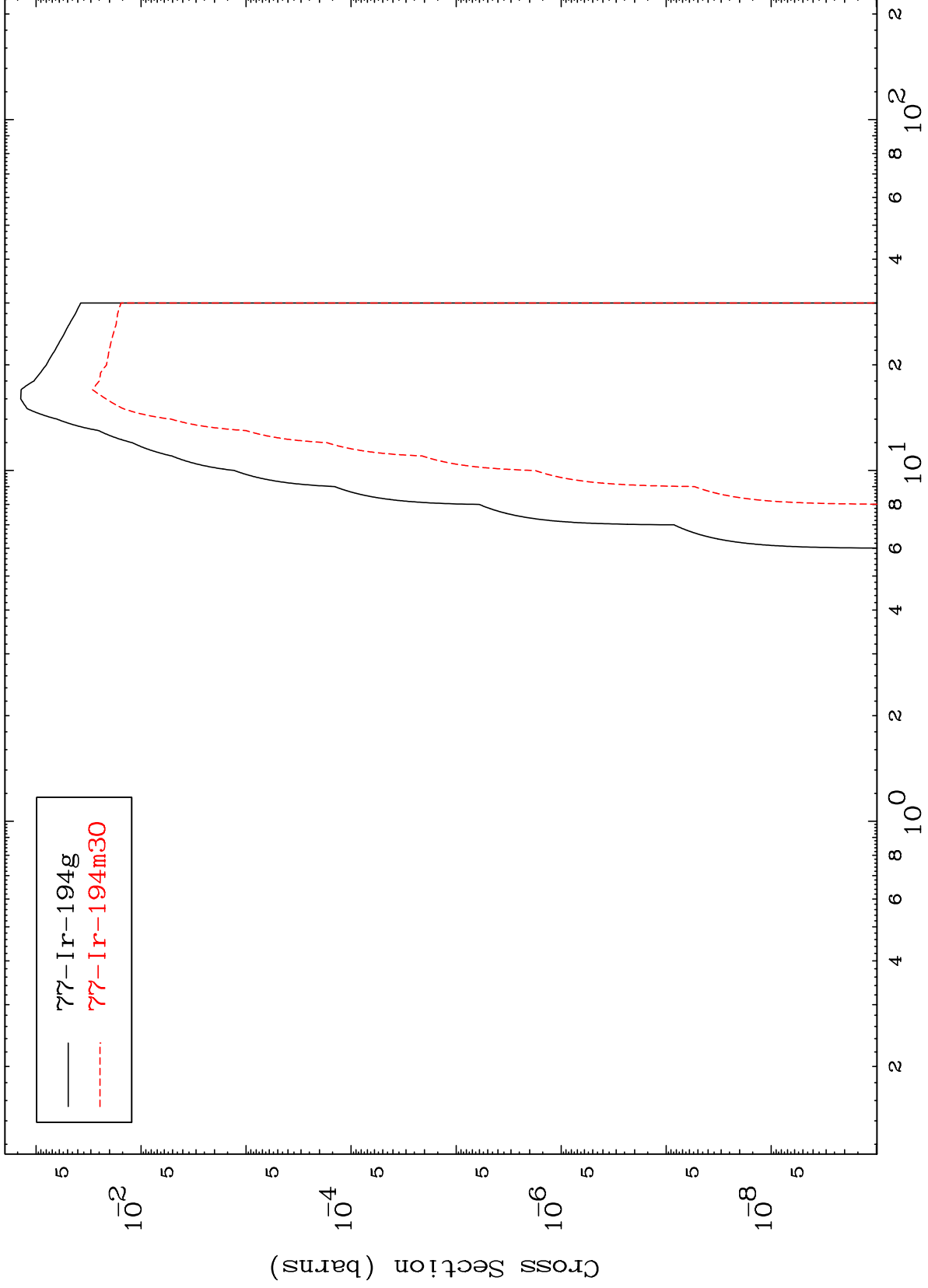
26

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(t, t)

⁷⁷Ir-194

Radionuclide Production Cross Section



27

Incident Energy (MeV)

⁷⁷Ir-194

MAT 7734

(t,p) α

⁷⁷Ir-194

