

Program EVALPLOT
(Version 2021-1)

by

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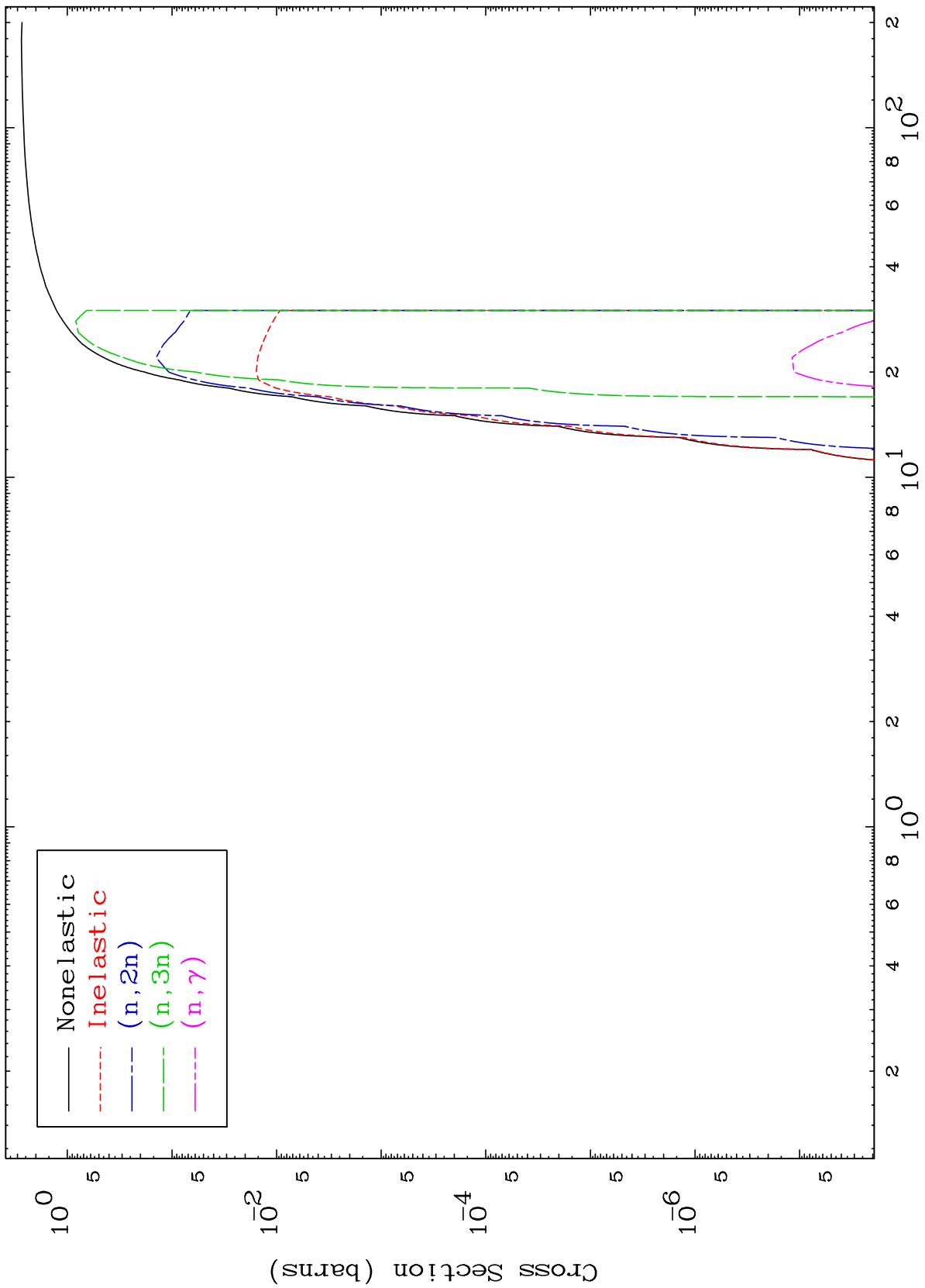
Press Mouse Button to Start

MAT 7554

α Major

75-Re-194n

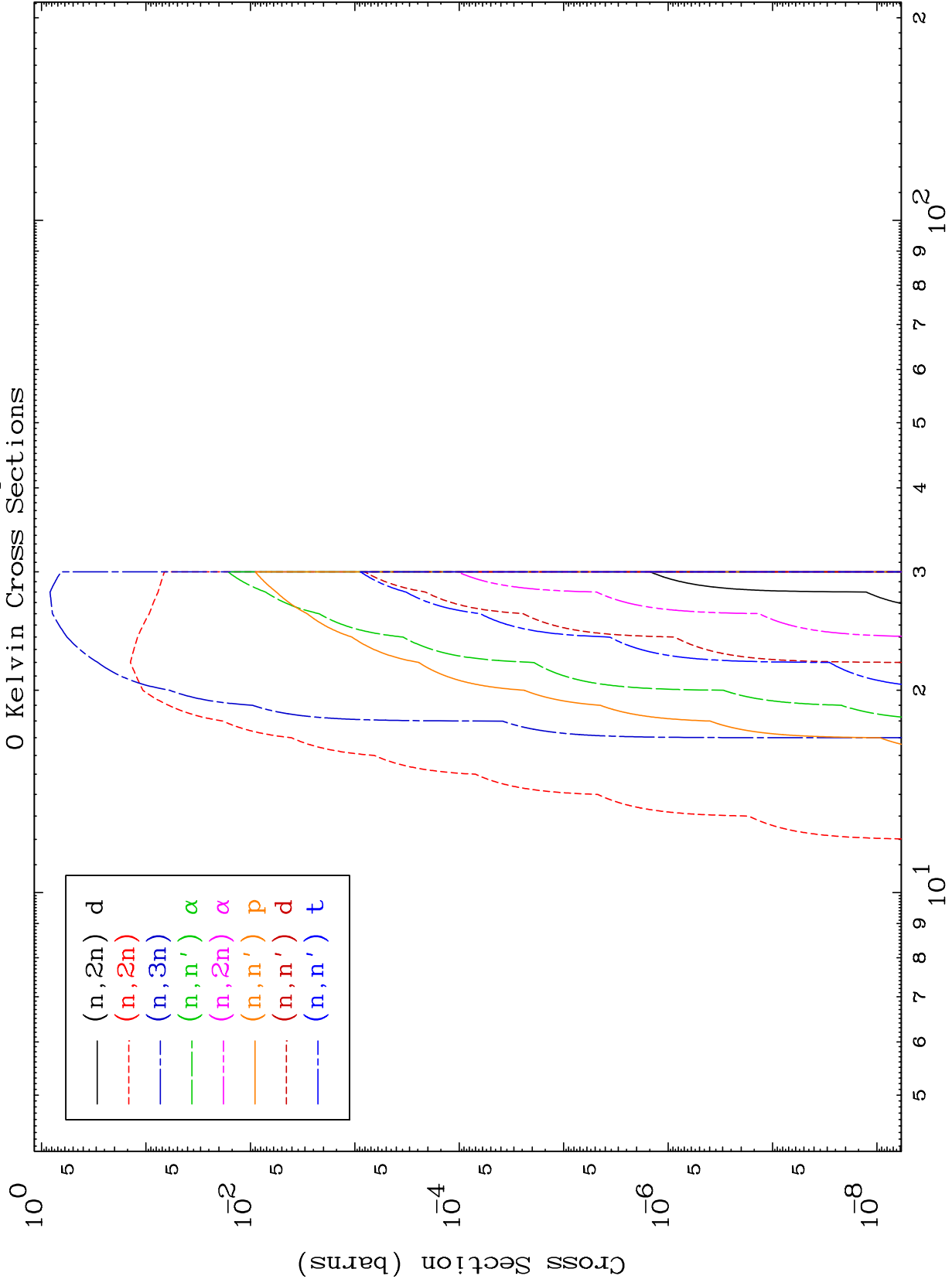
0 Kelvin Cross Sections



MAT 7554

α Neutron Absorption
0 Kelvin Cross Sections

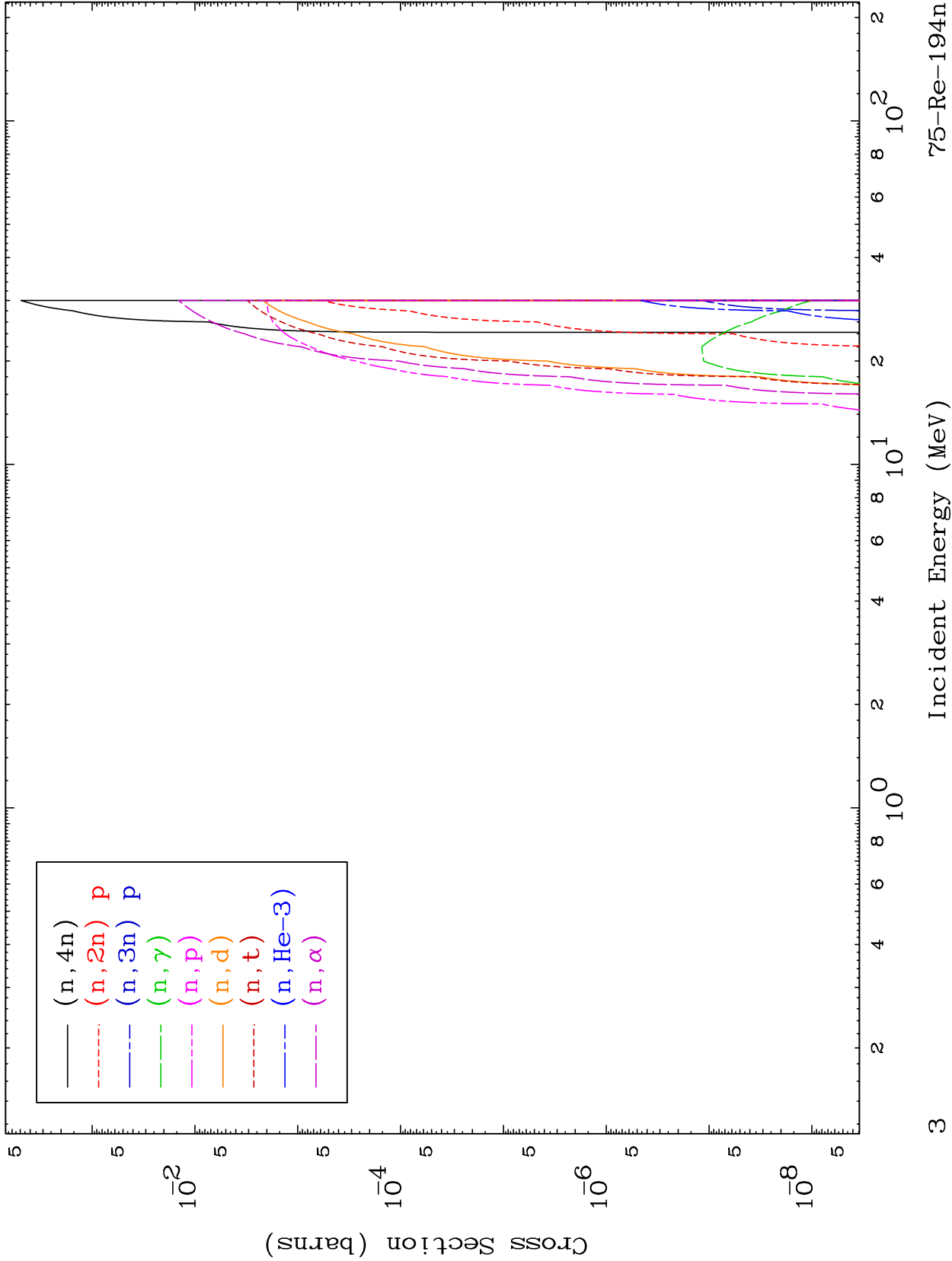
75-Re-194n



MAT 7554

α Neutron Absorption
0 Kelvin Cross Sections

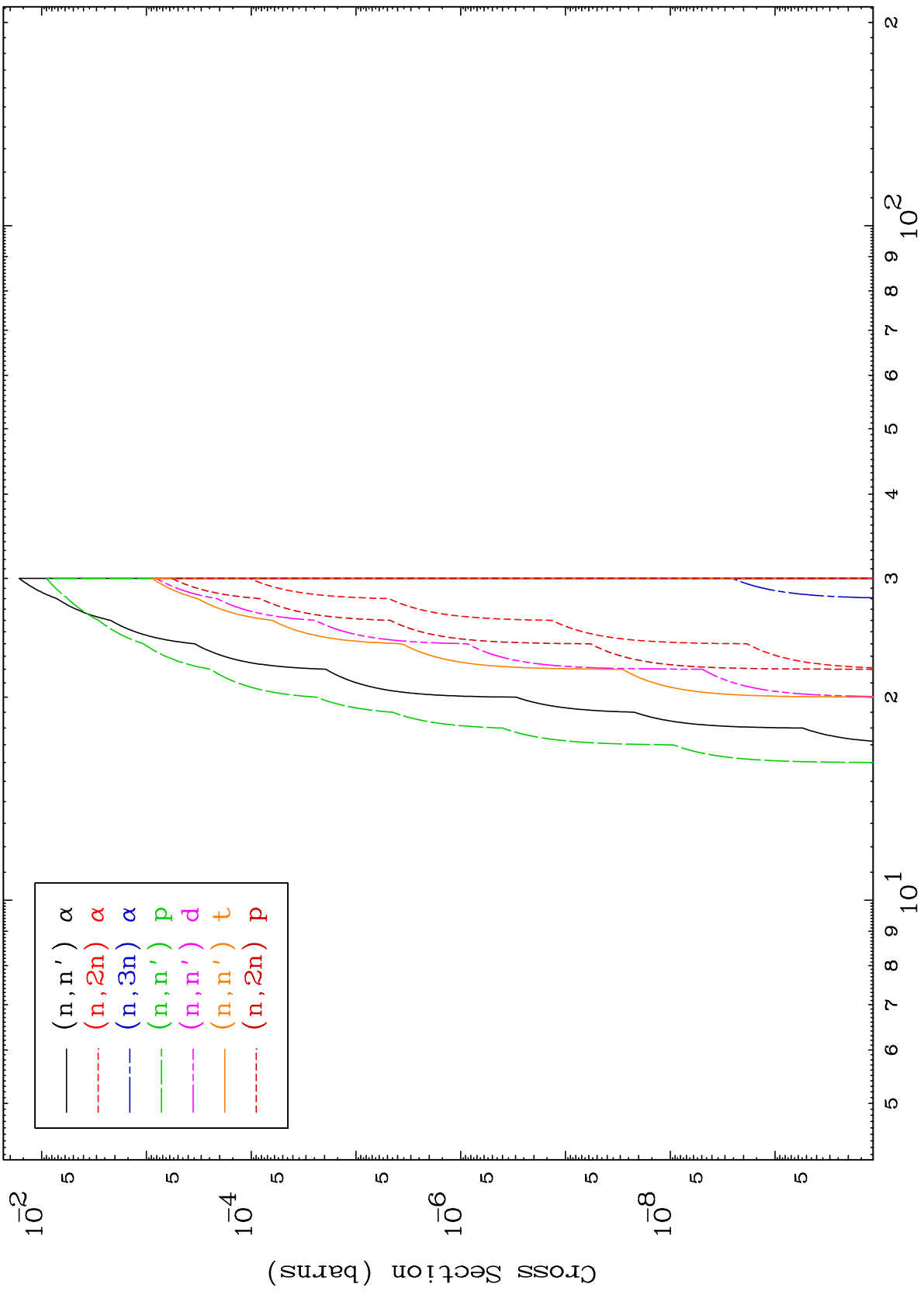
⁷⁵Re-¹⁹⁴n



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α Charged Particle
0 Kelvin Cross Sections

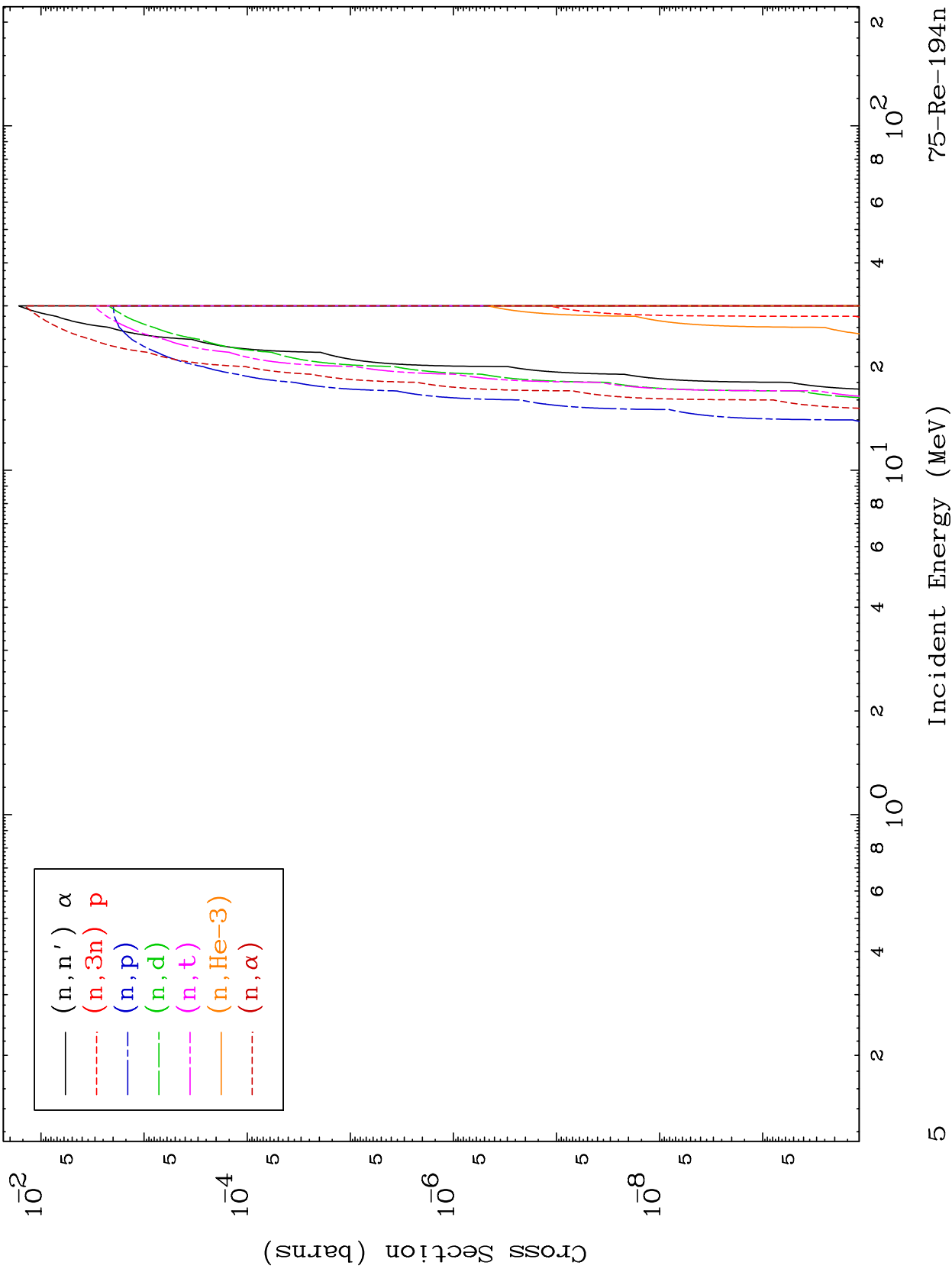
75-Re-194n



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α Charged Particle
0 Kelvin Cross Sections

75-Re-194n

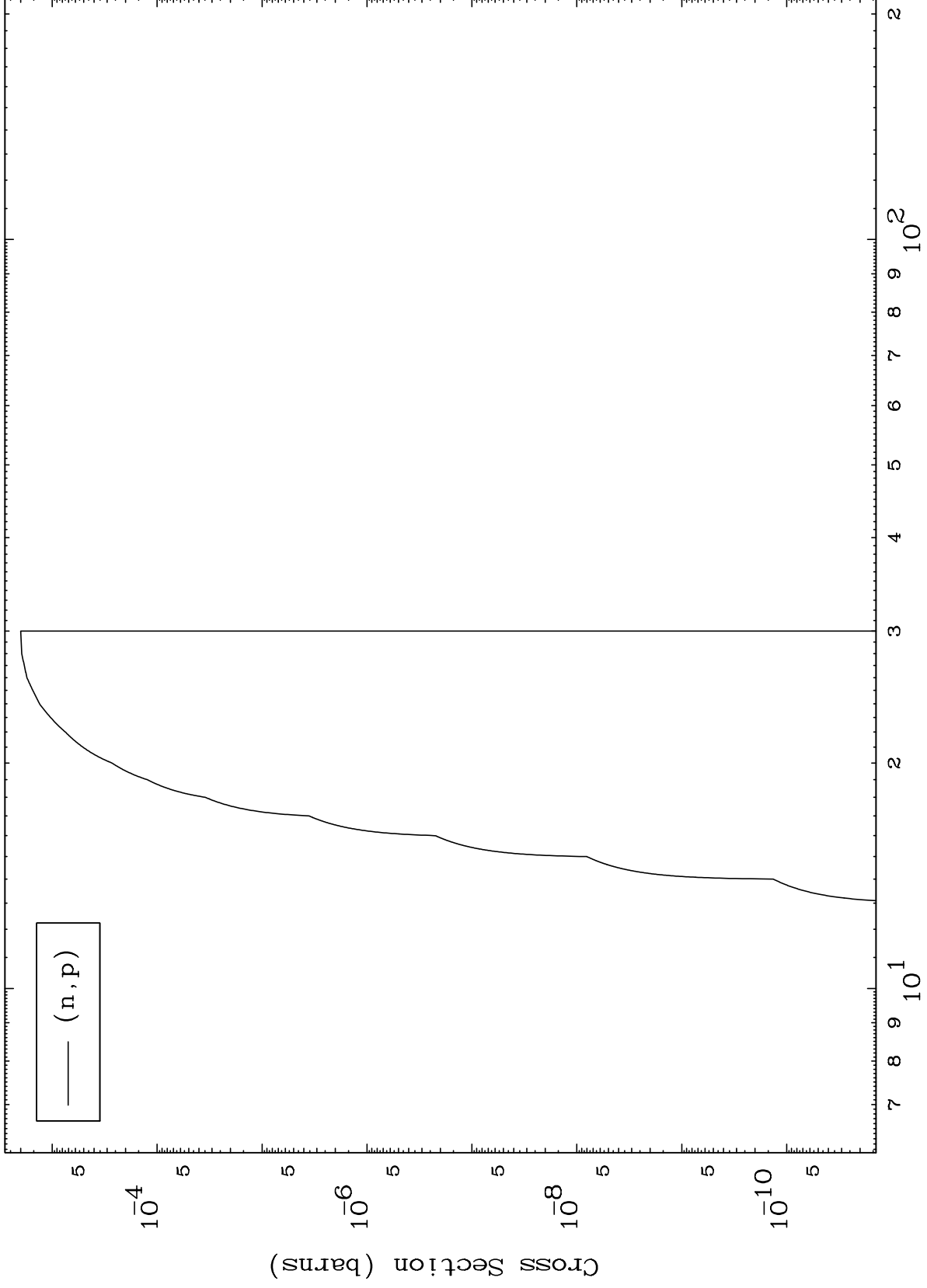


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(α, p) Levels

75-Re-194n

0 Kelvin Cross Sections



6

Incident Energy (MeV)

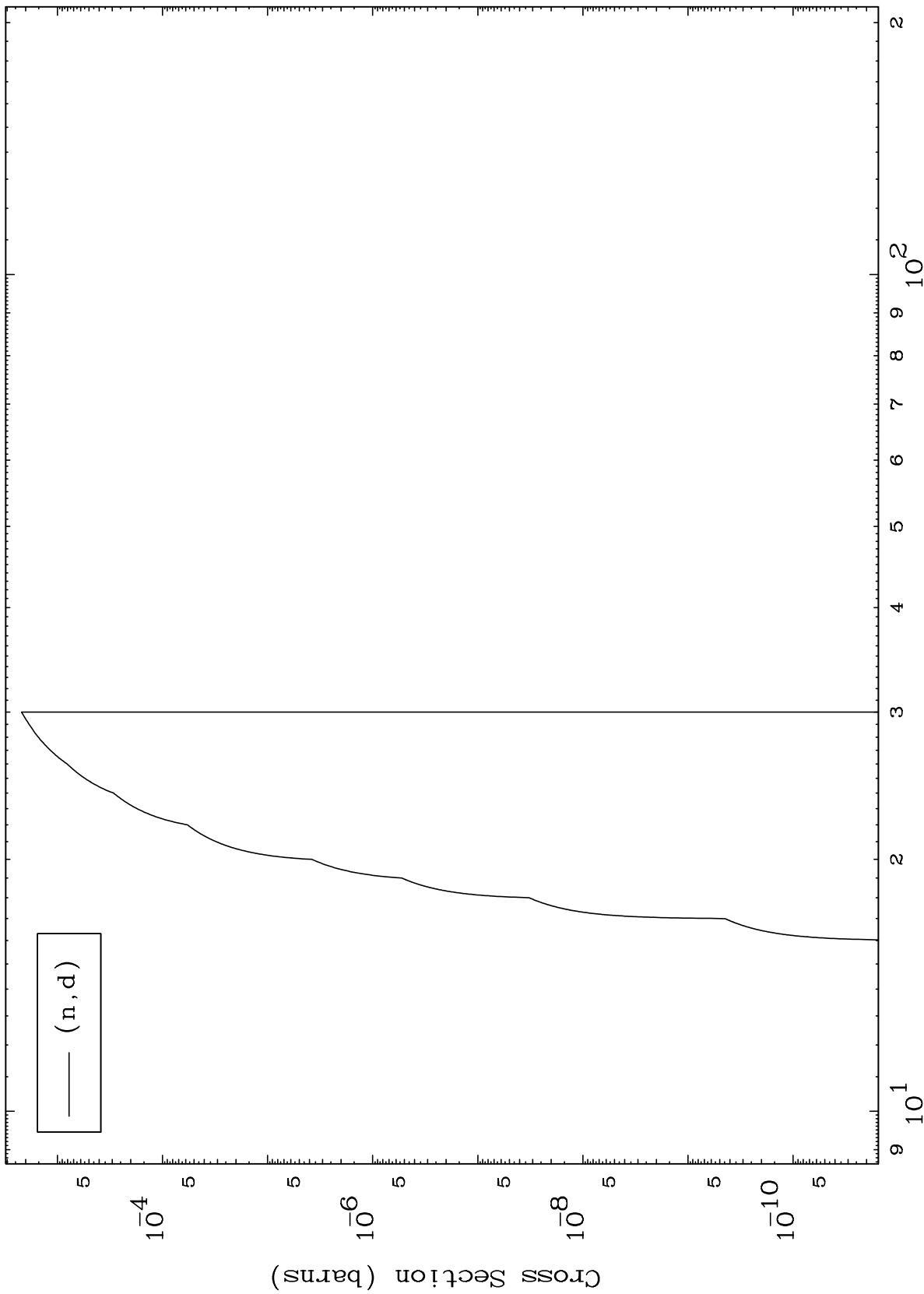
75-Re-194n

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(α, d) Levels

75-Re-194n

0 Kelvin Cross Sections



Incident Energy (MeV)

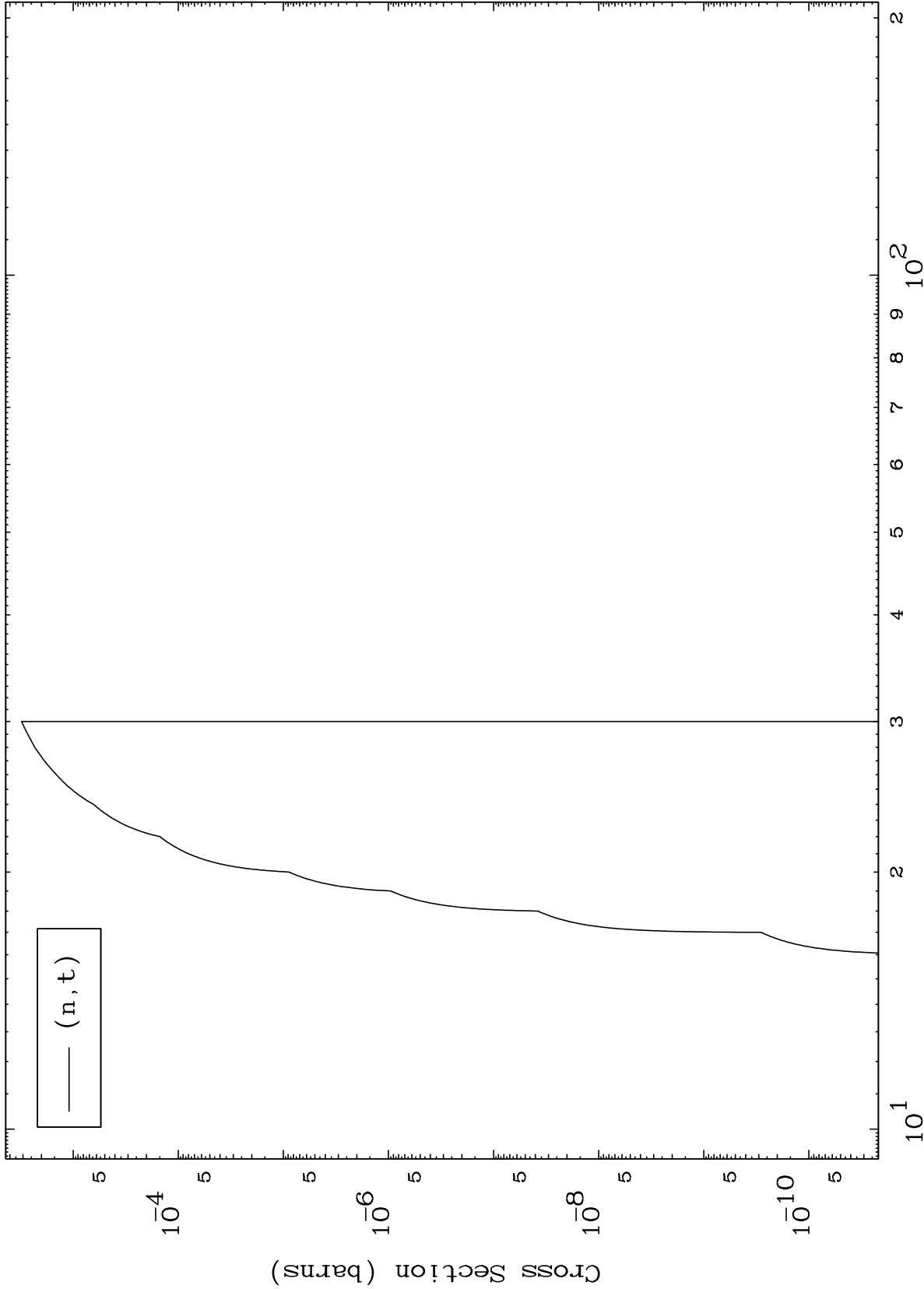
75-Re-194n

7

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(α, t) Levels
0 Kelvin Cross Sections

75-Re-194n



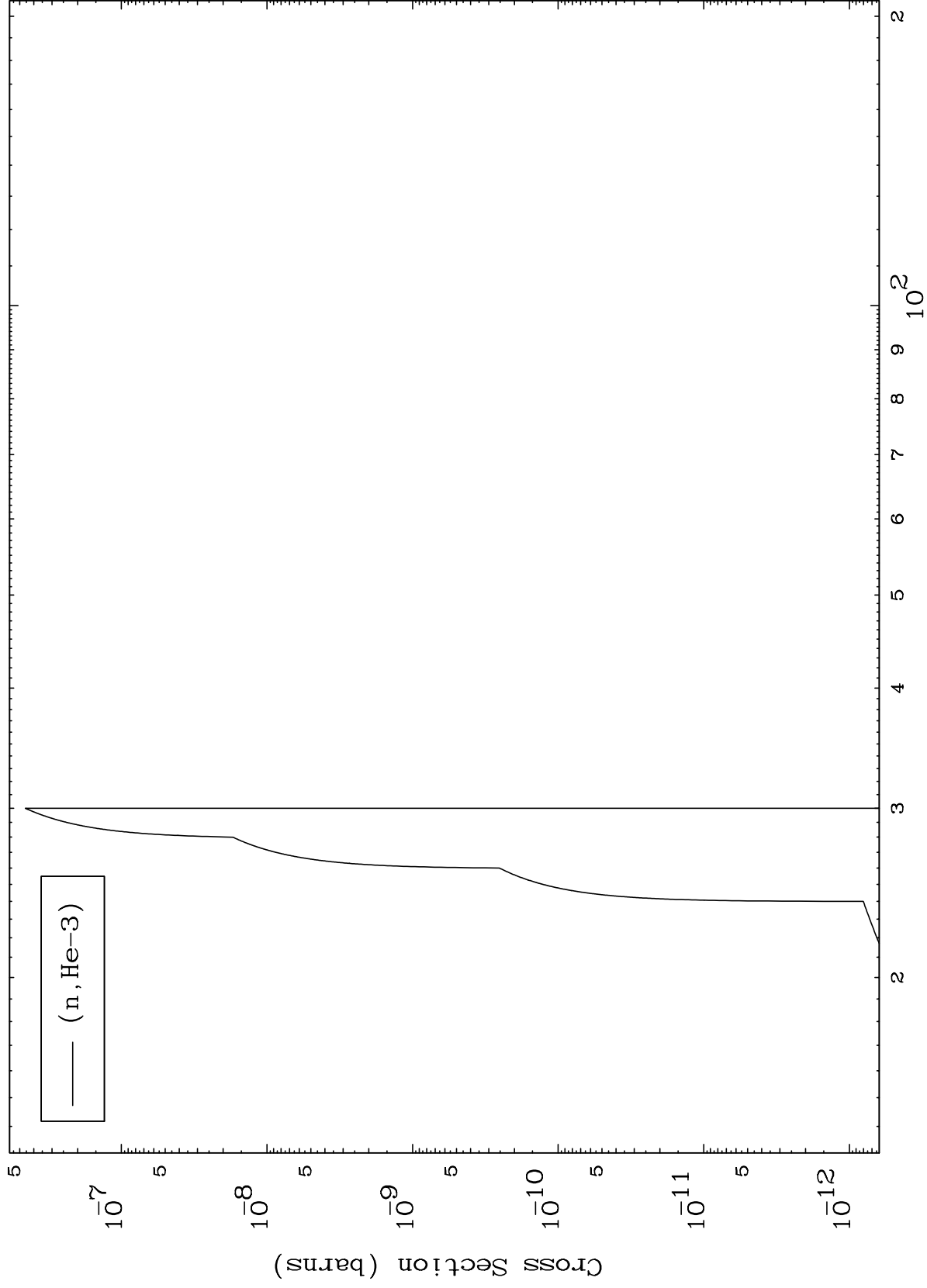
Incident Energy (MeV)

75-Re-194n

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($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

75-Re-194n



9

Incident Energy (MeV)

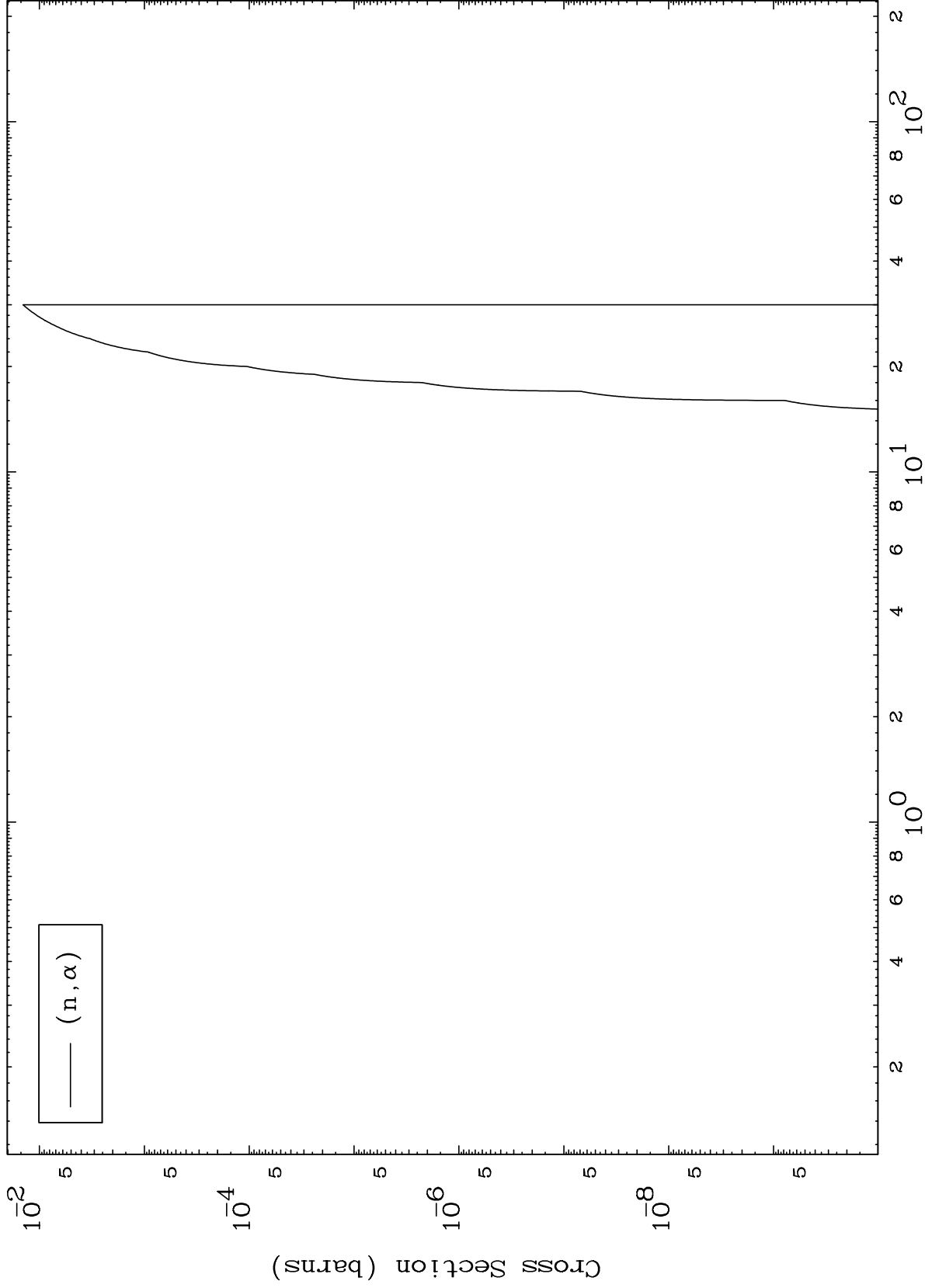
75-Re-194n

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(α, α) Levels

75-Re-194n

0 Kelvin Cross Sections



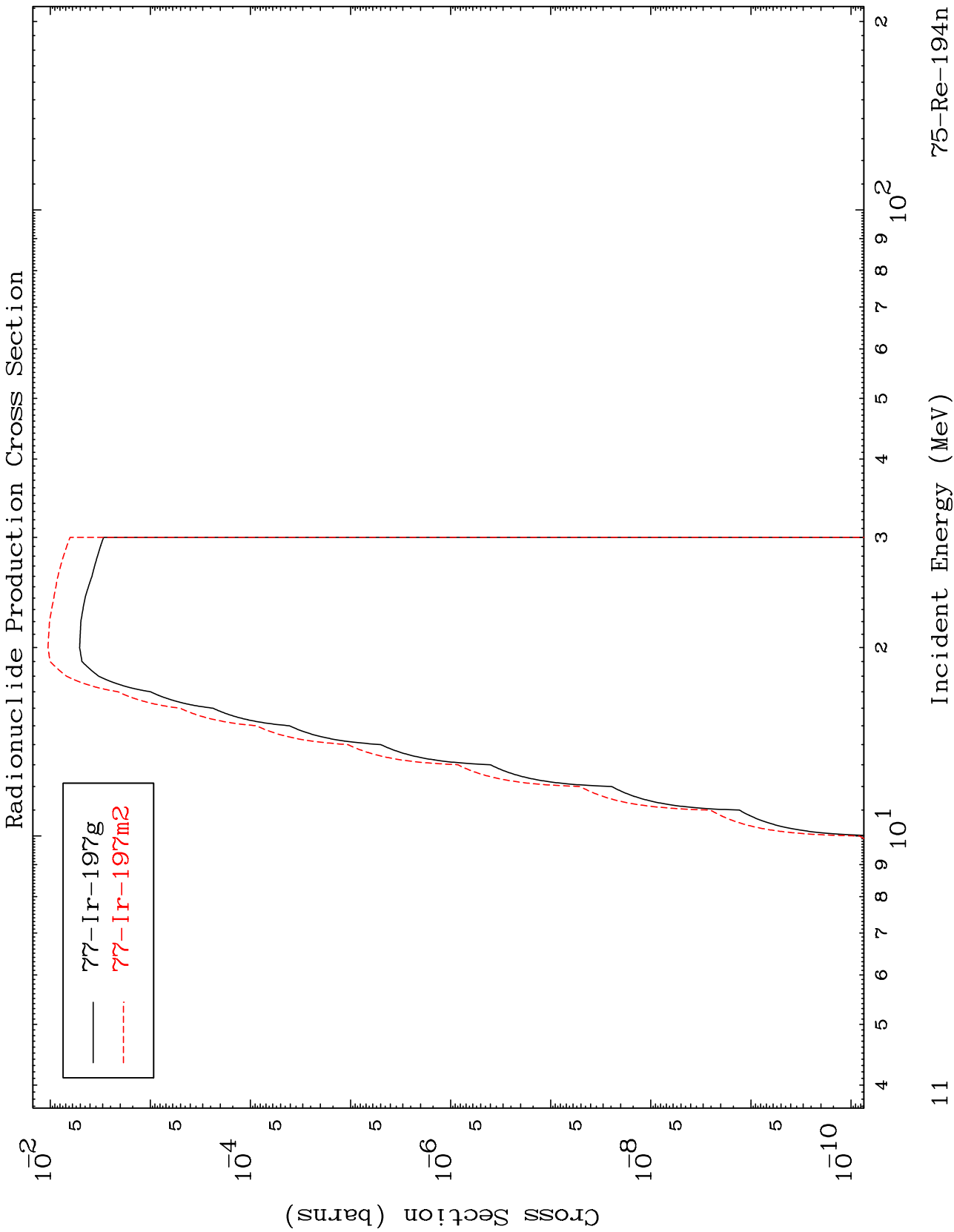
10

Incident Energy (MeV)

75-Re-194n

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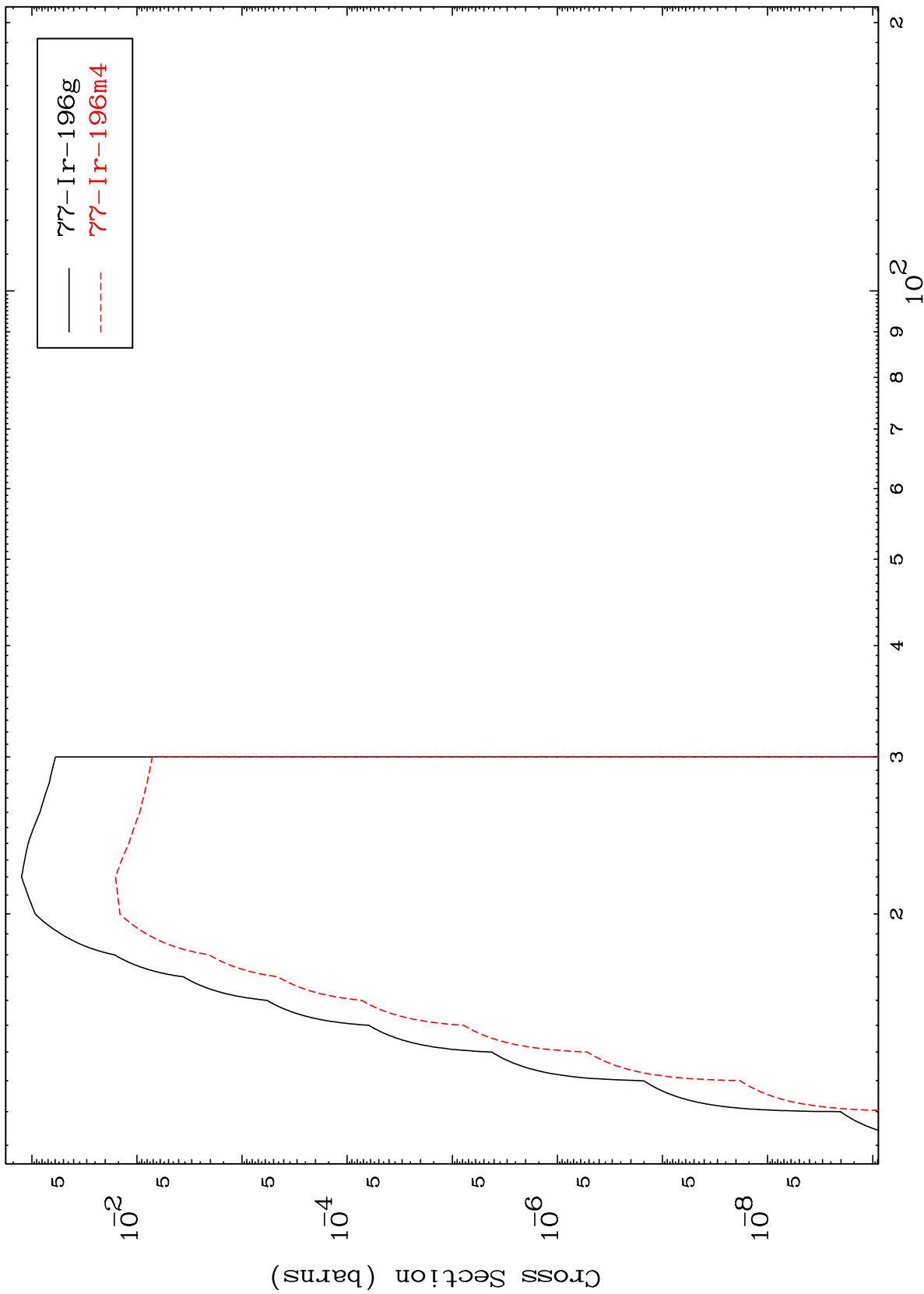
75-Re-194n



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75-Re-194n

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

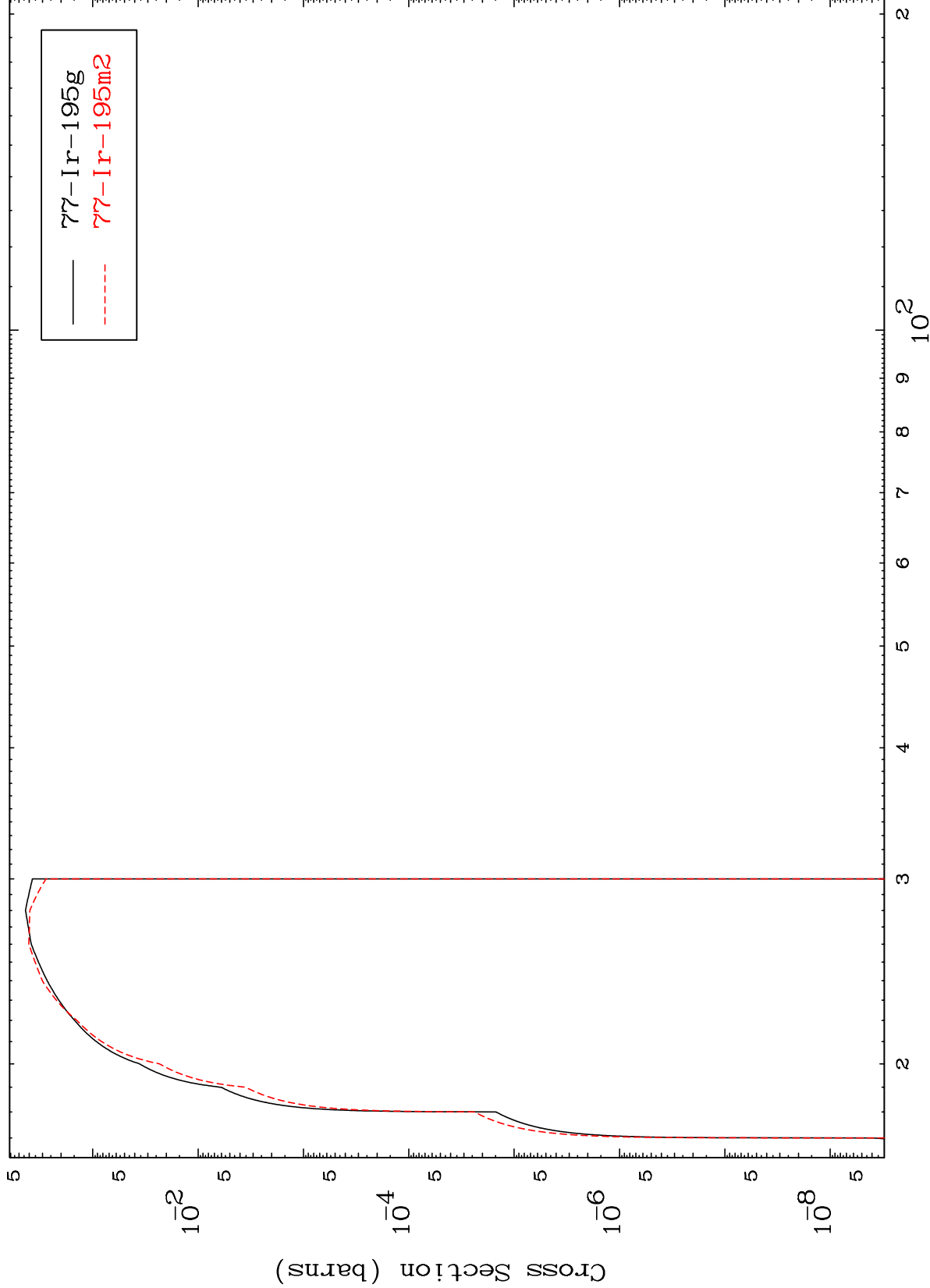
75-Re-194n

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(n,3n)

75-Re-194n

Radionuclide Production Cross Section

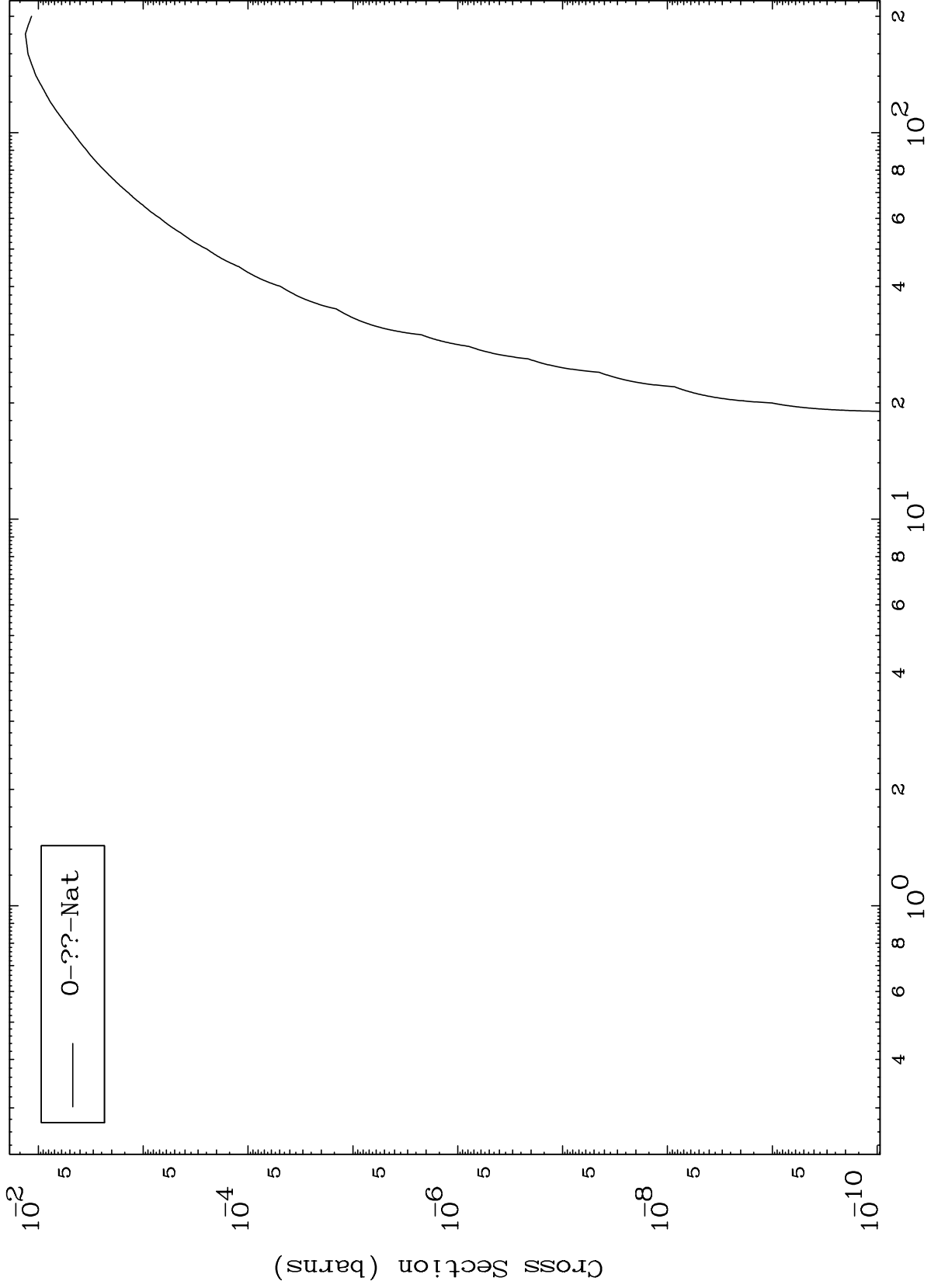


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Fission

75-Re-194n

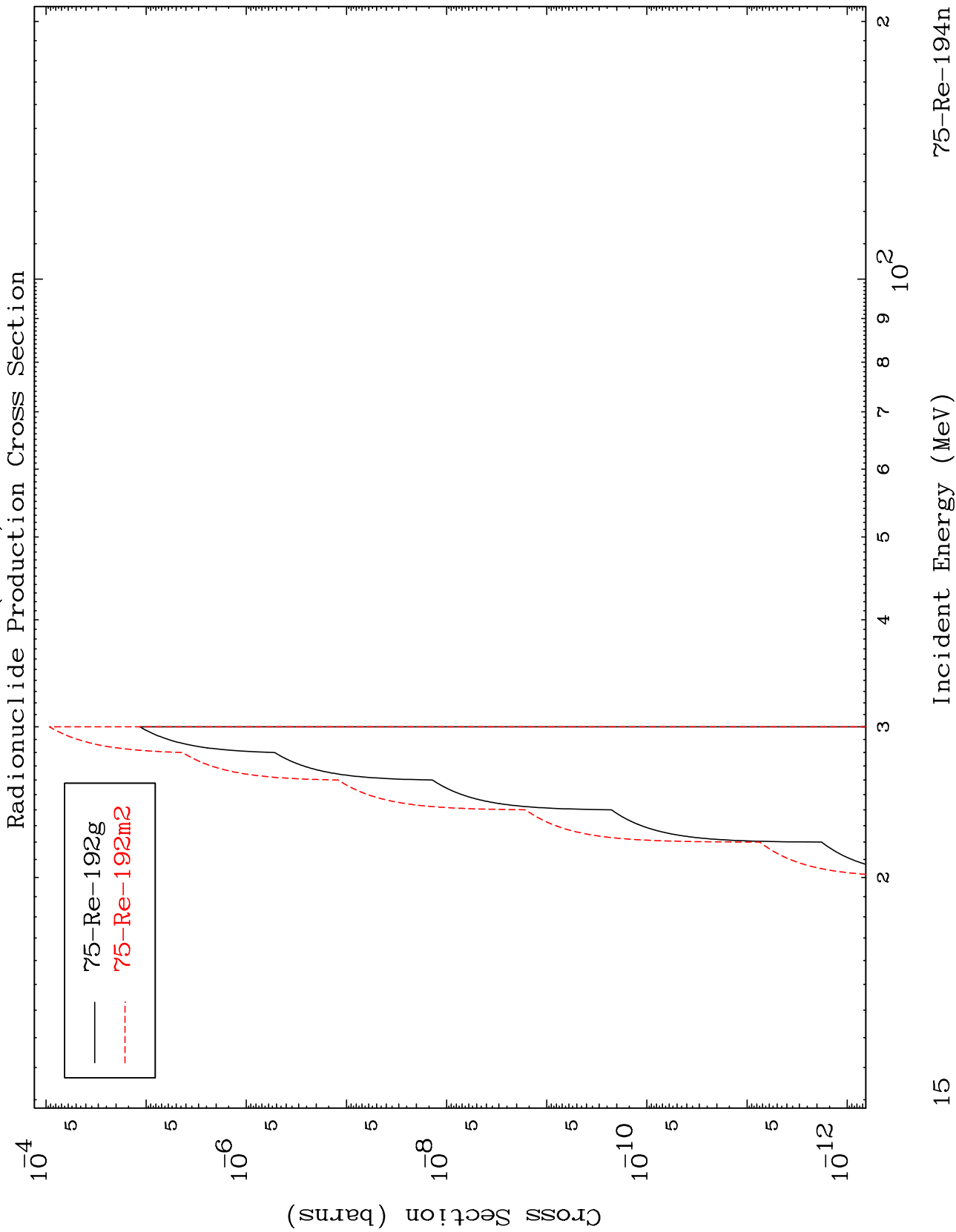
Radionuclide Production Cross Section



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(n,2n) α

75-Re-194n

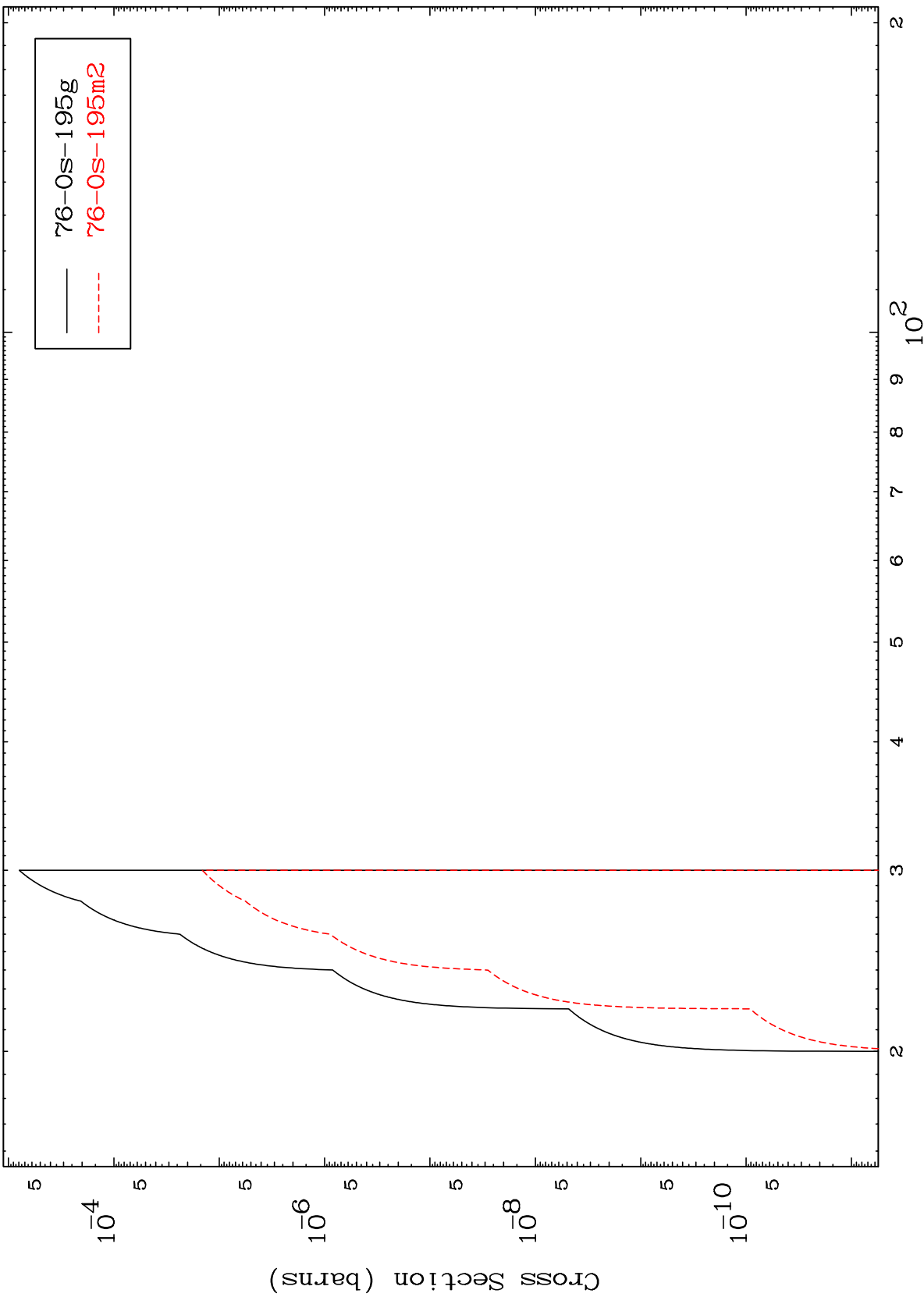


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(n,n') d

75-Re-194n

Radionuclide Production Cross Section



16

Incident Energy (MeV)

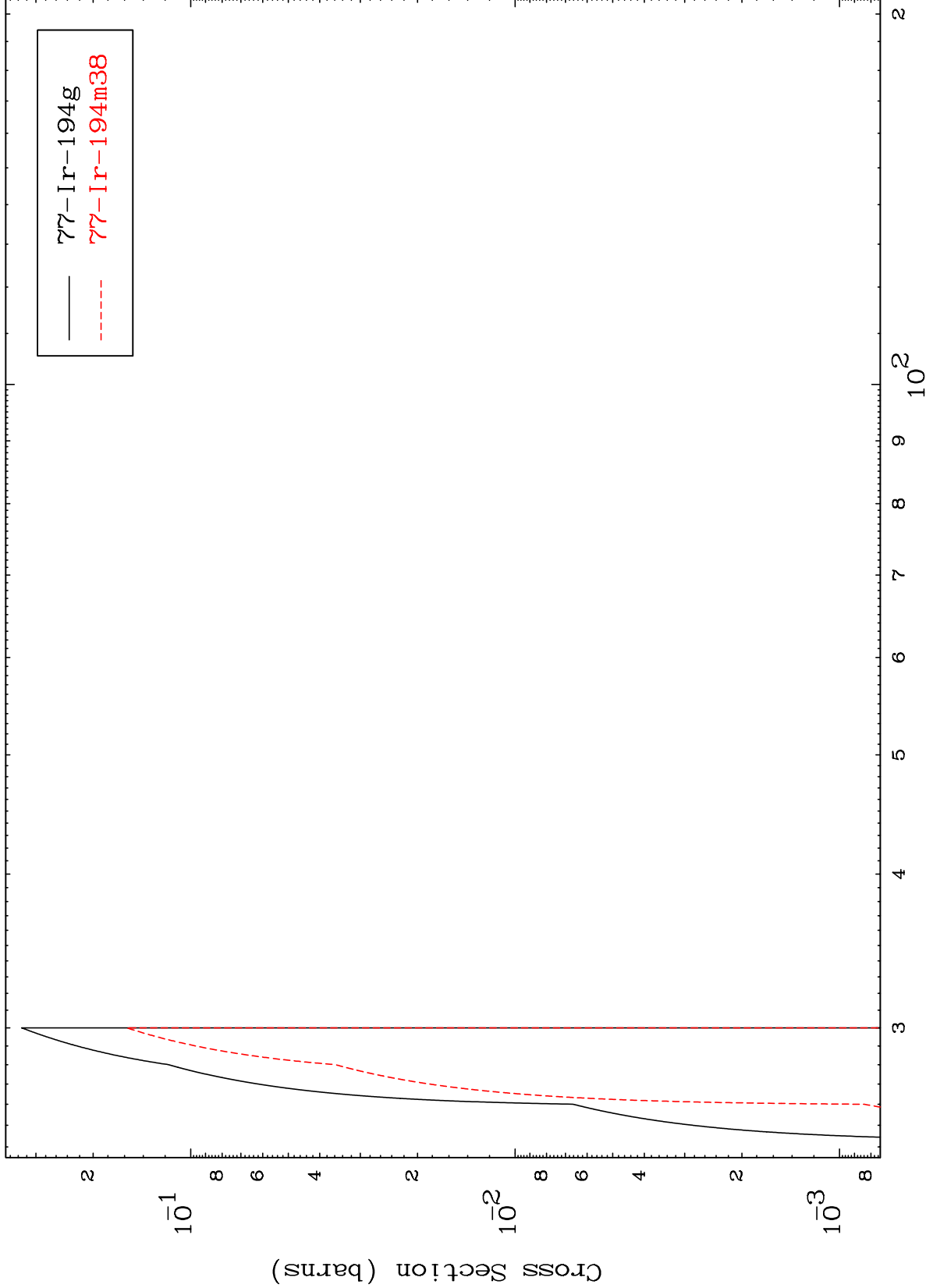
75-Re-194n

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(n,4n)

⁷⁵Re-¹⁹⁴n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

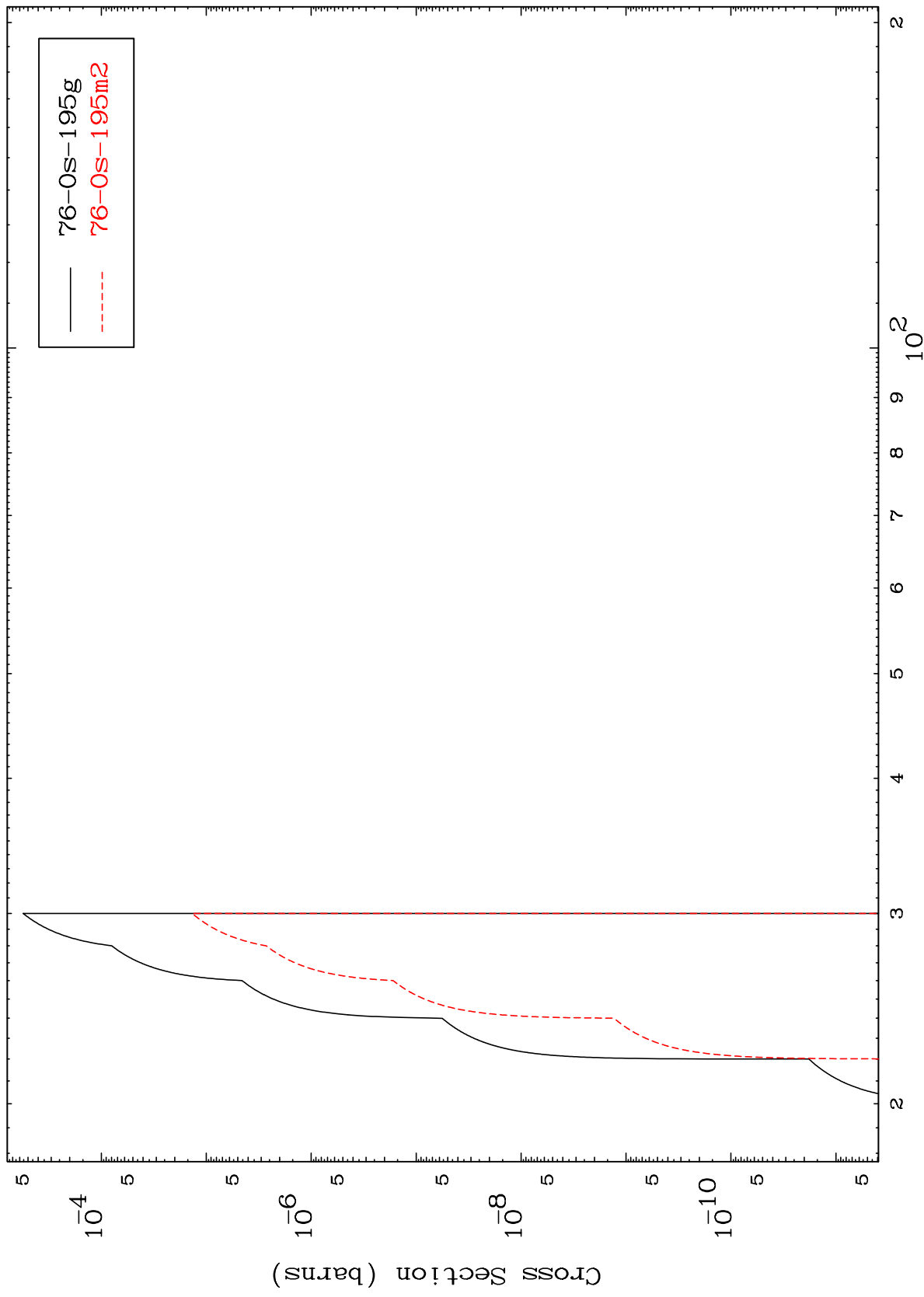
⁷⁵Re-¹⁹⁴n

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(n,2n) p

⁷⁵Re-¹⁹⁴n

Radionuclide Production Cross Section



18

Incident Energy (MeV)

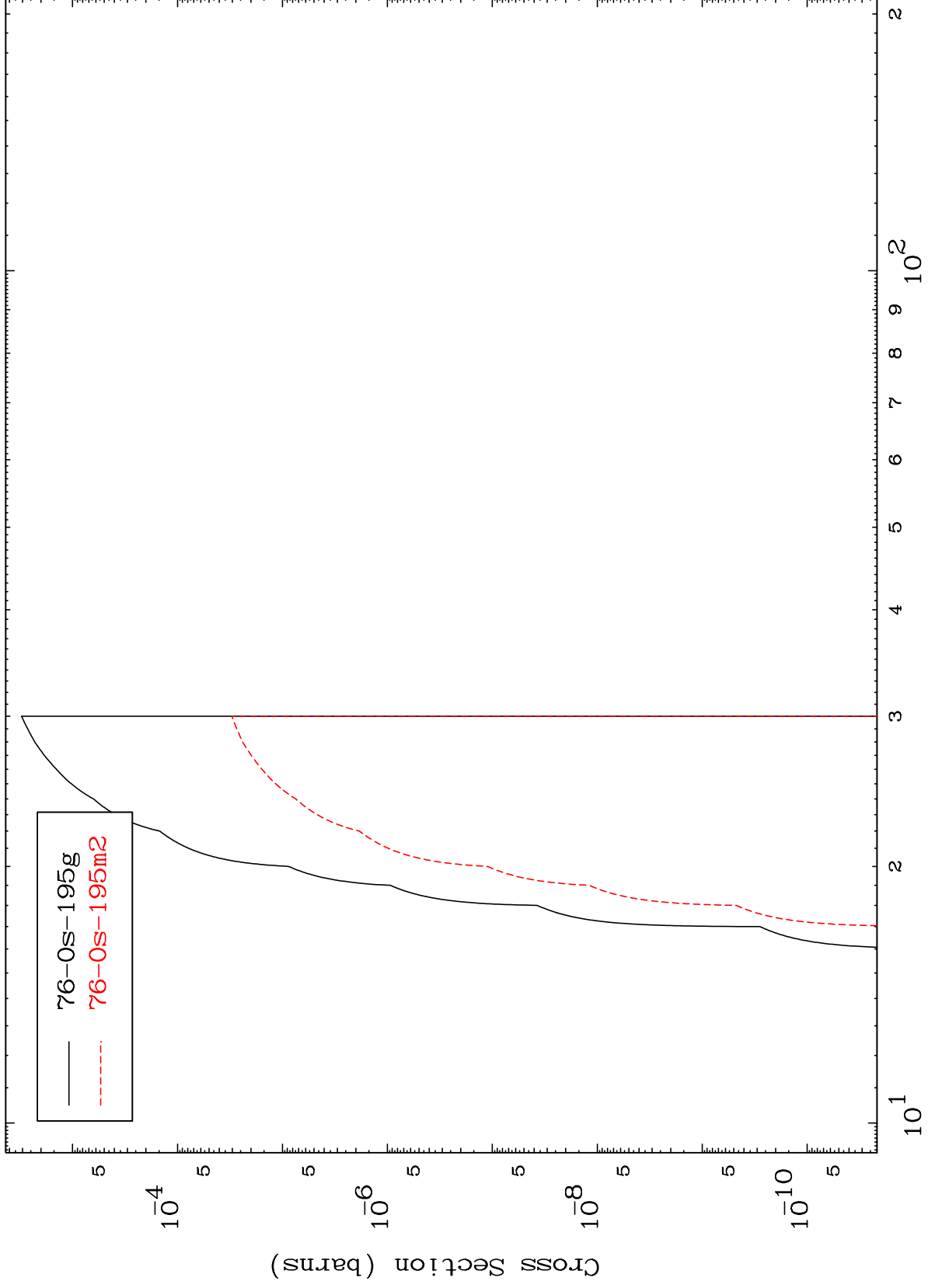
⁷⁵Re-¹⁹⁴n

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(n, t)

75-Re-194n

Radionuclide Production Cross Section



Incident Energy (MeV)

75-Re-194n

MAT 7554

(n, α)

75-Re-194n

