

Program EVALPLOT
(Version 2021-1)

by

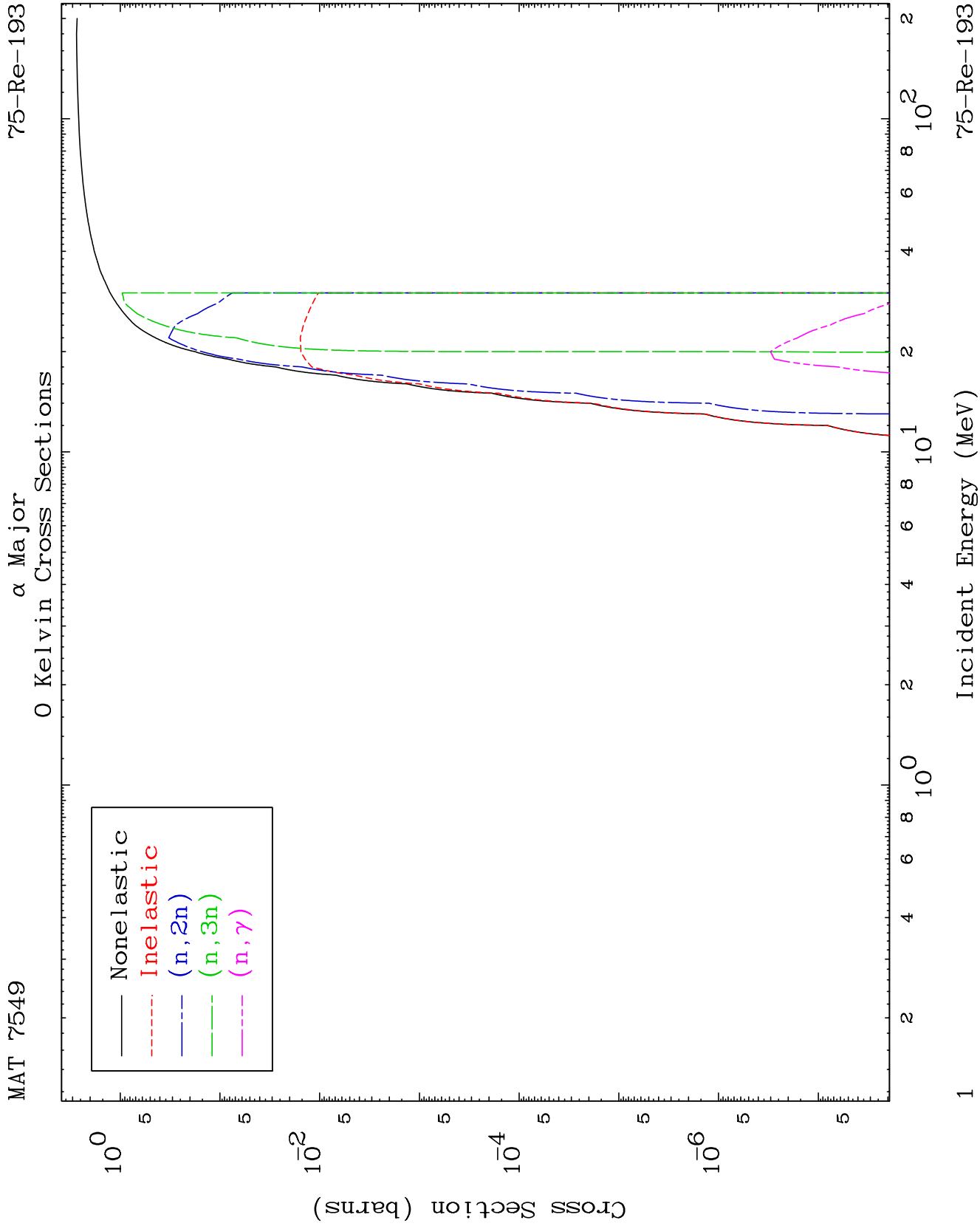
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

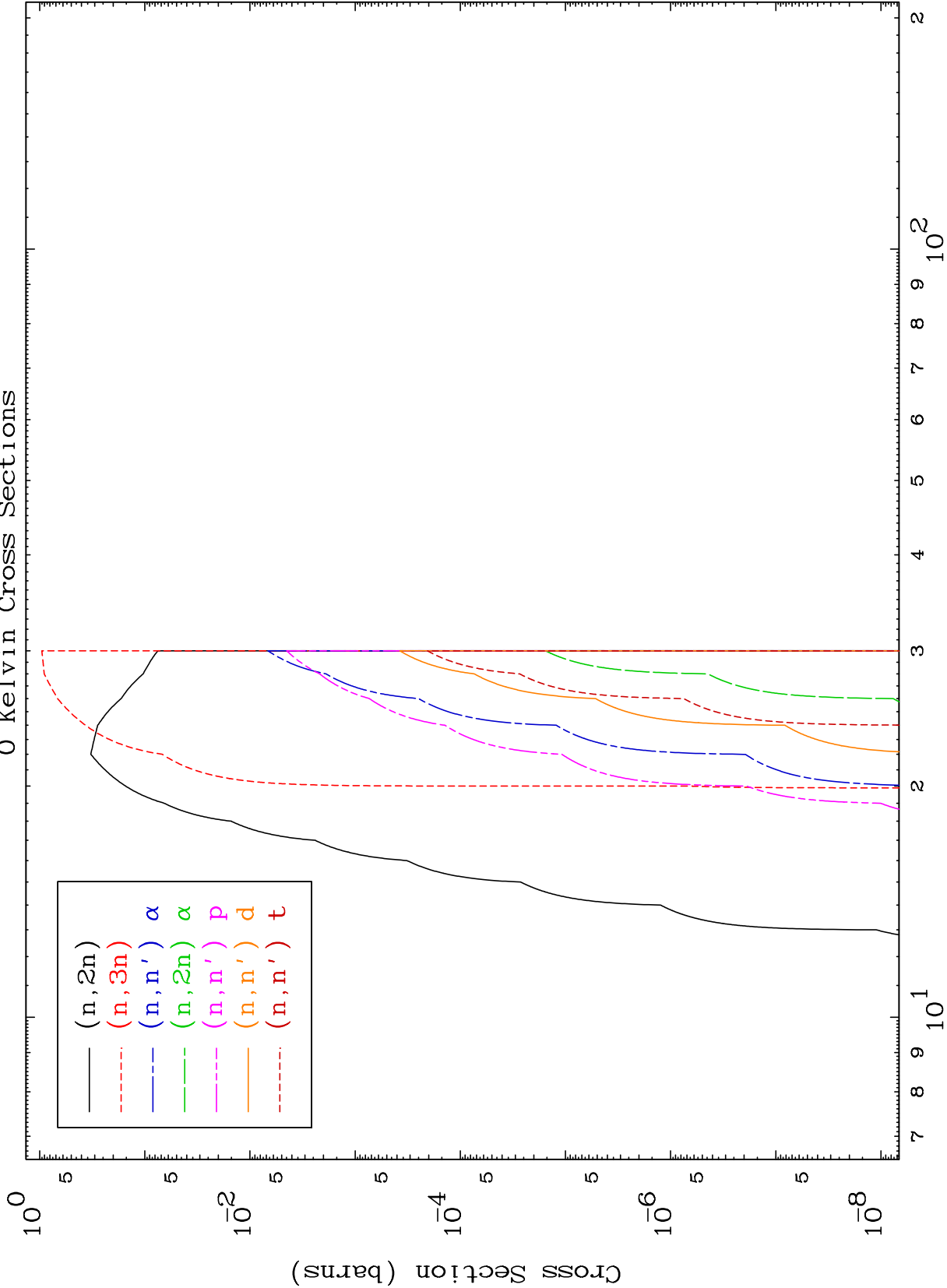
Press Mouse Button to Start



MAT 7549

α Neutron Absorption
0 Kelvin Cross Sections

75-Re-193

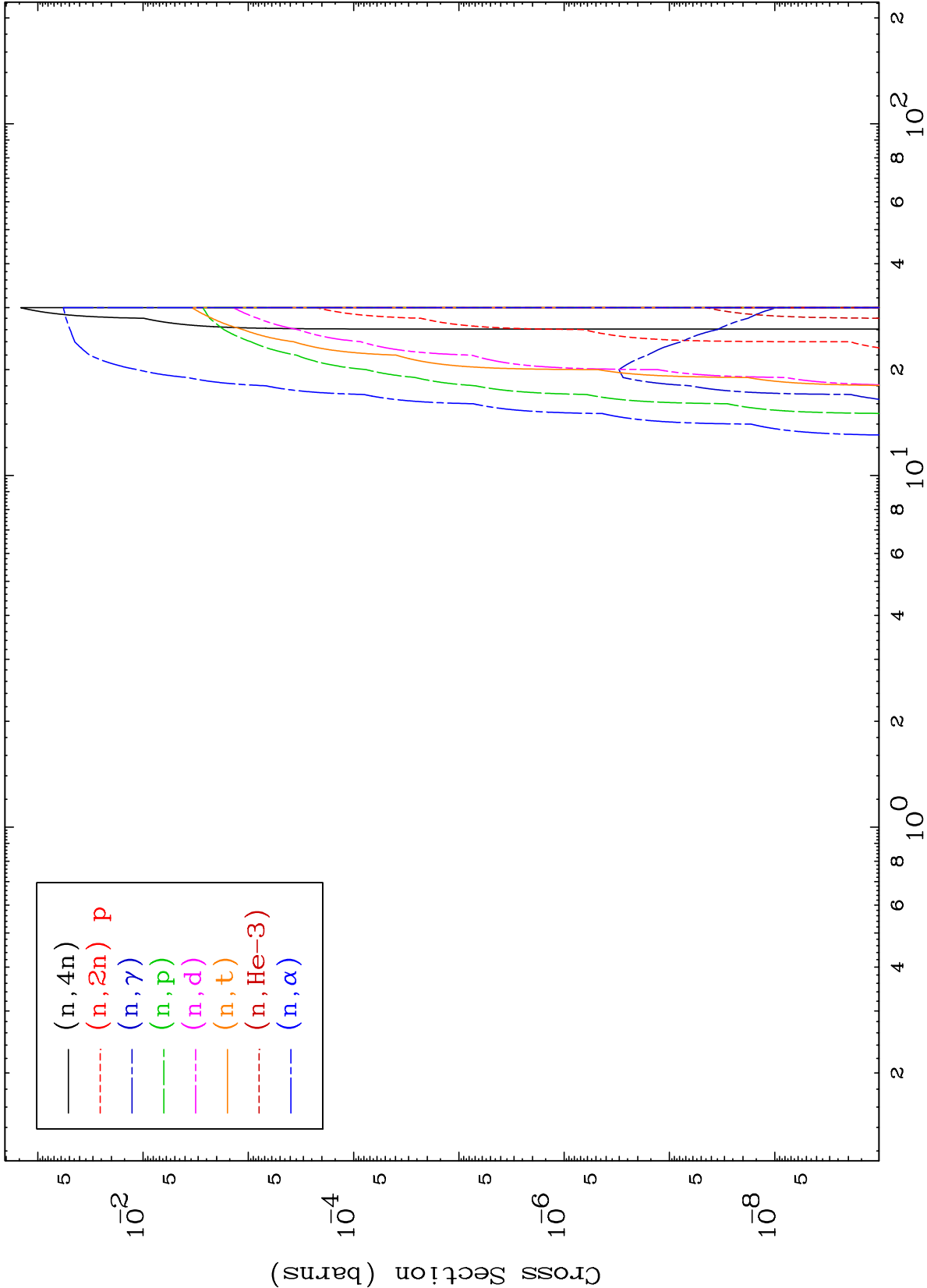


2

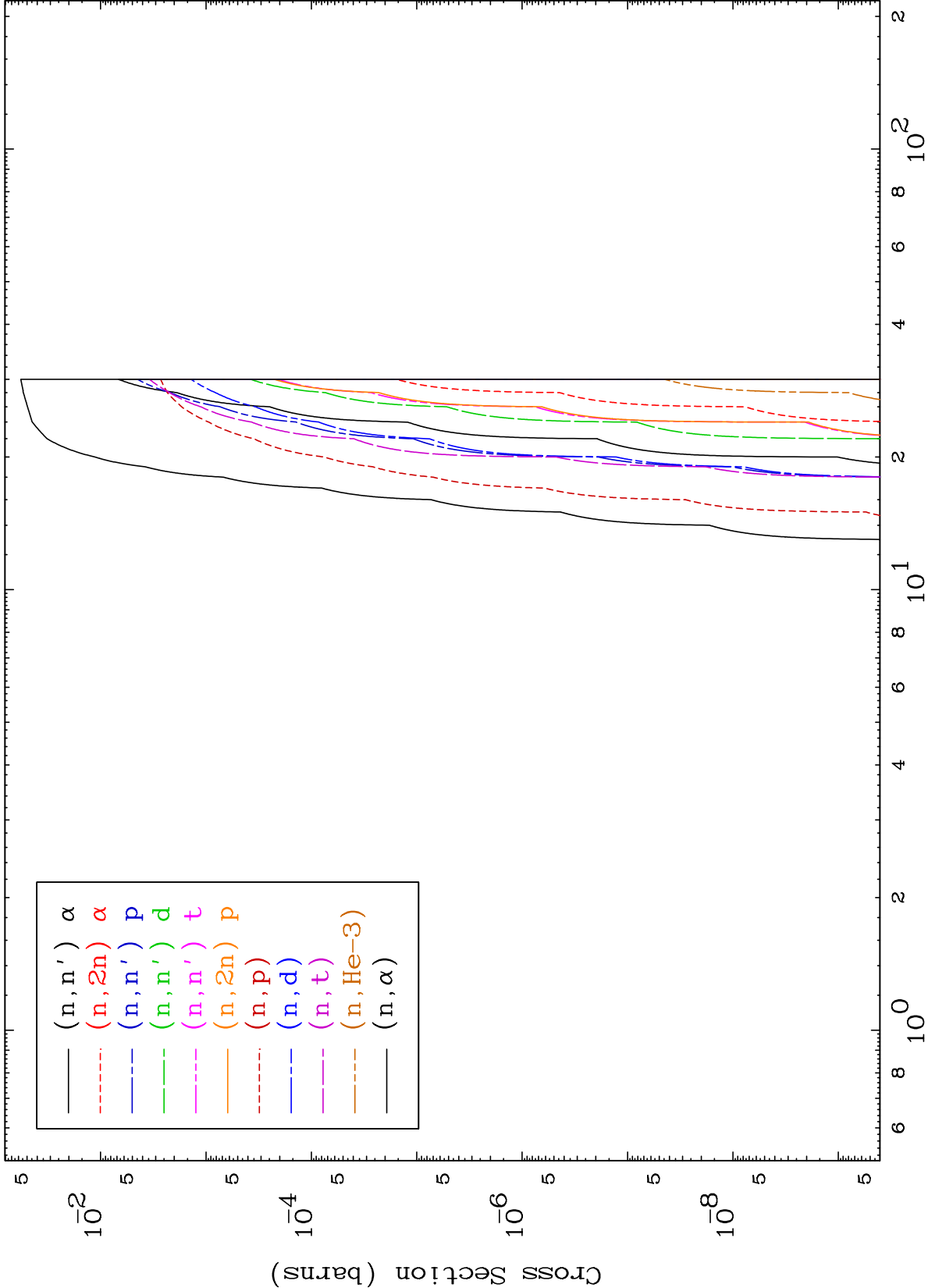
Incident Energy (MeV)

75-Re-193

0 Kelvin Cross Sections



0 Kelvin Cross Sections

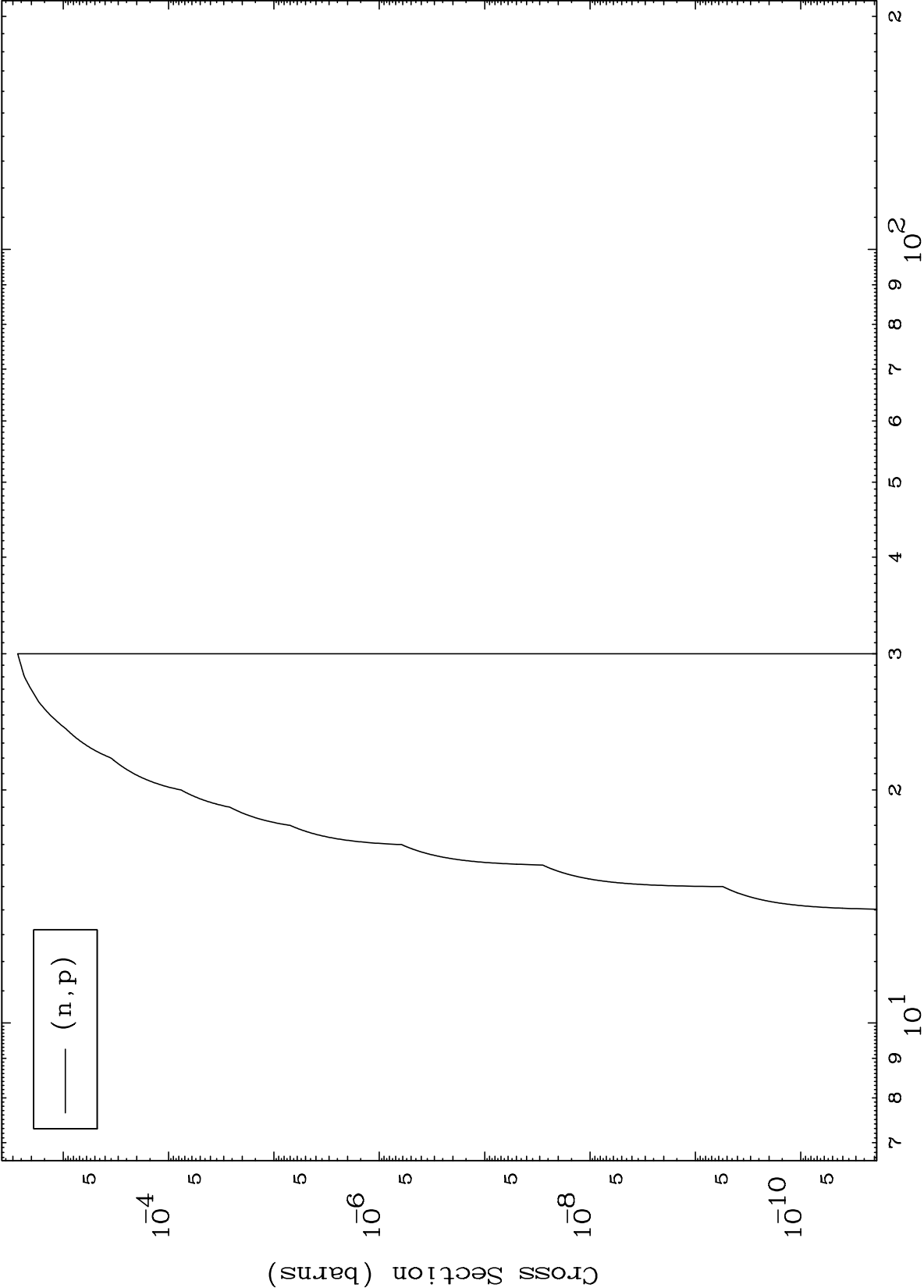


Incident Energy (MeV)

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75-Re-193

(α, p) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

75-Re-193

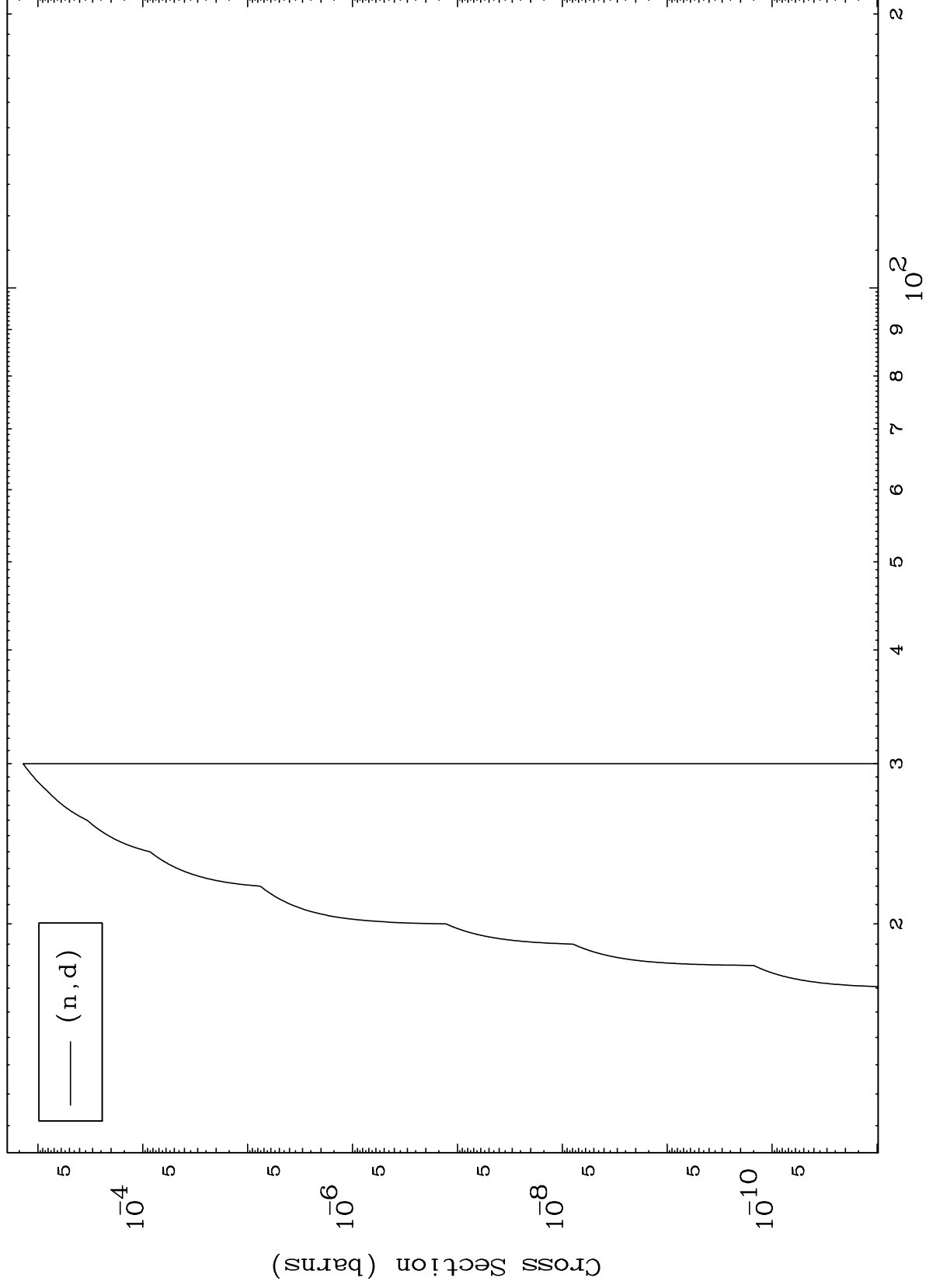
5

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(α ,d) Levels

75-Re-193

0 Kelvin Cross Sections

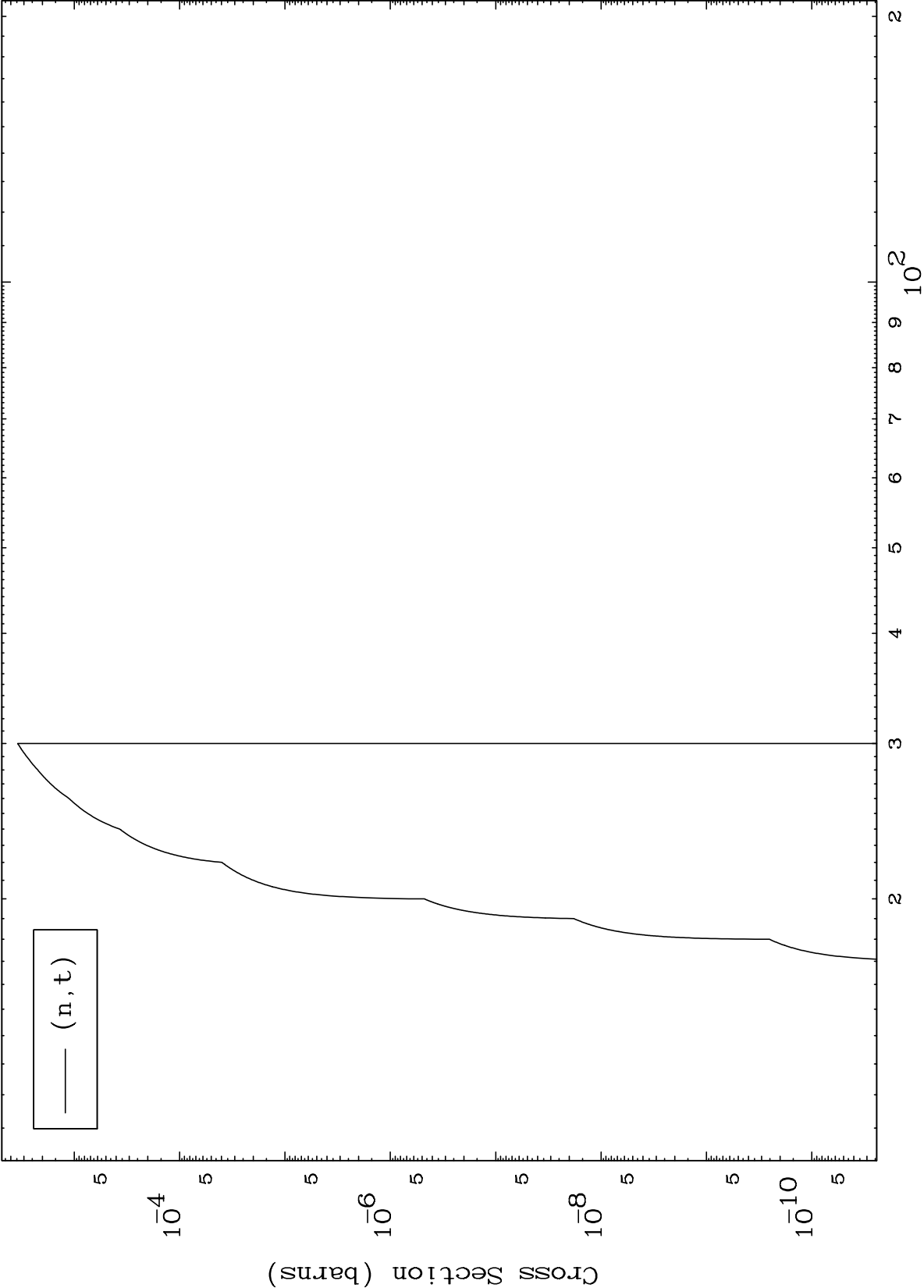


6

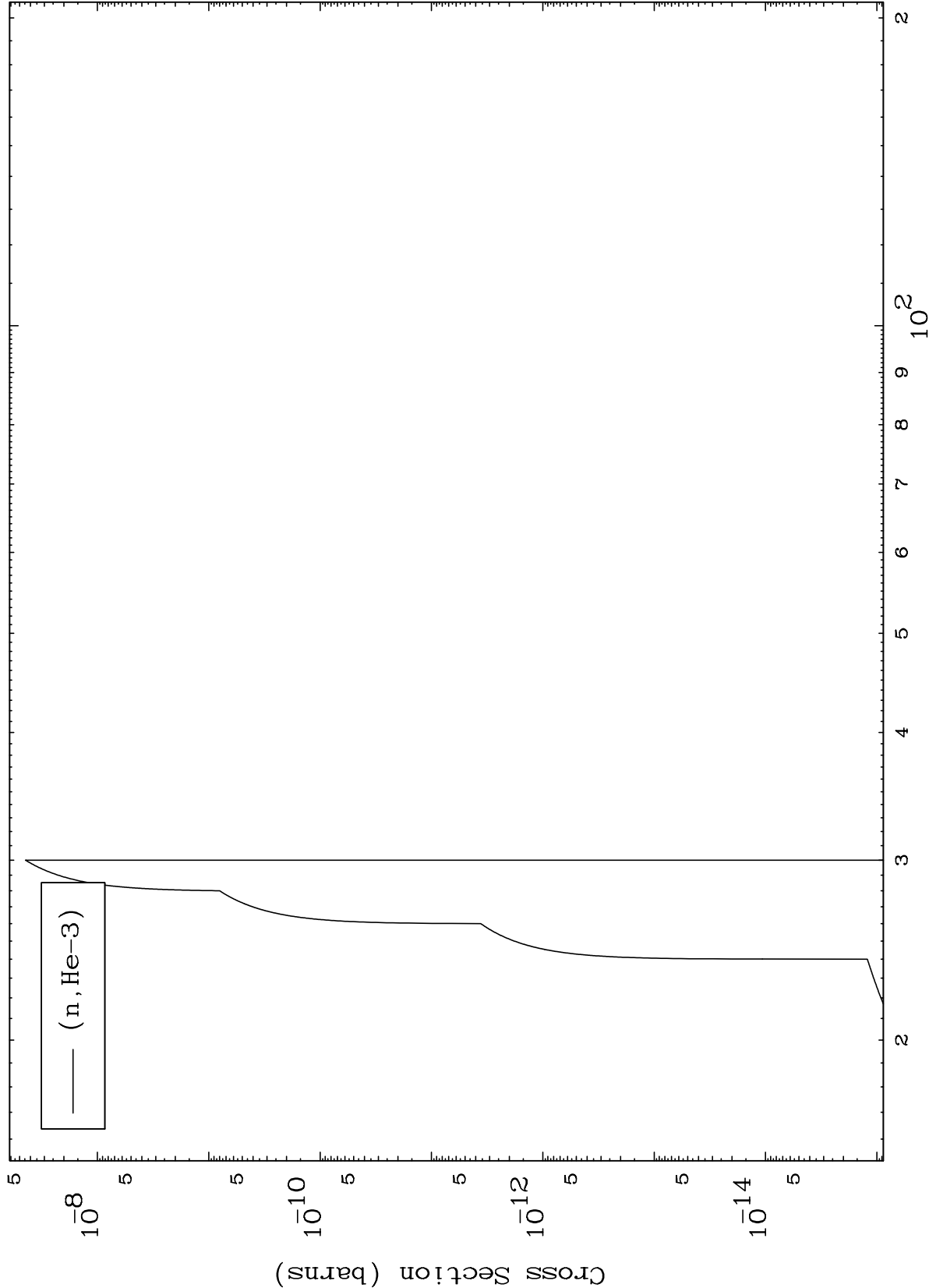
Incident Energy (MeV)

75-Re-193

0 Kelvin Cross Sections



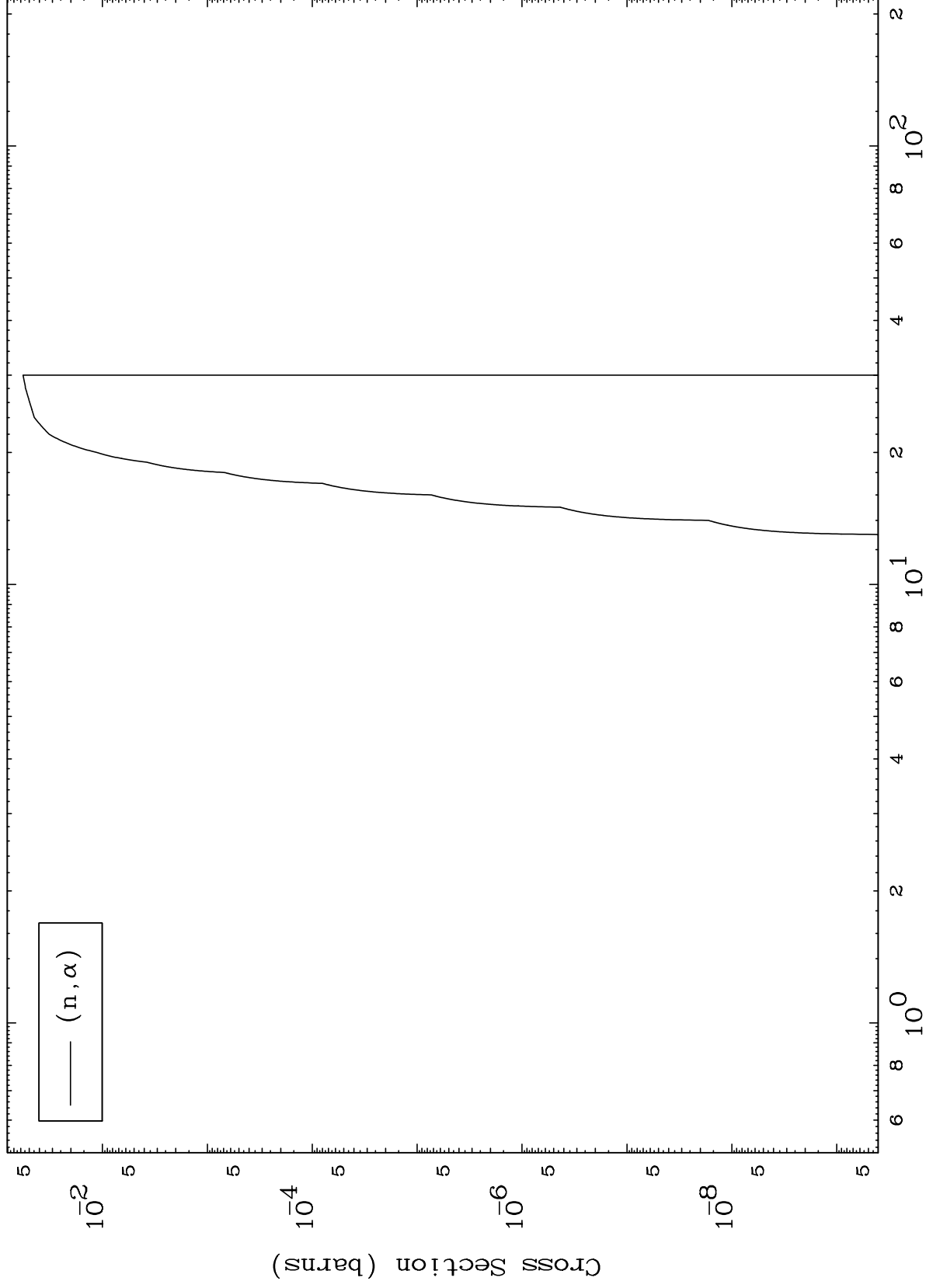
(α ,He3) Levels
0 Kelvin Cross Sections



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75-Re-193

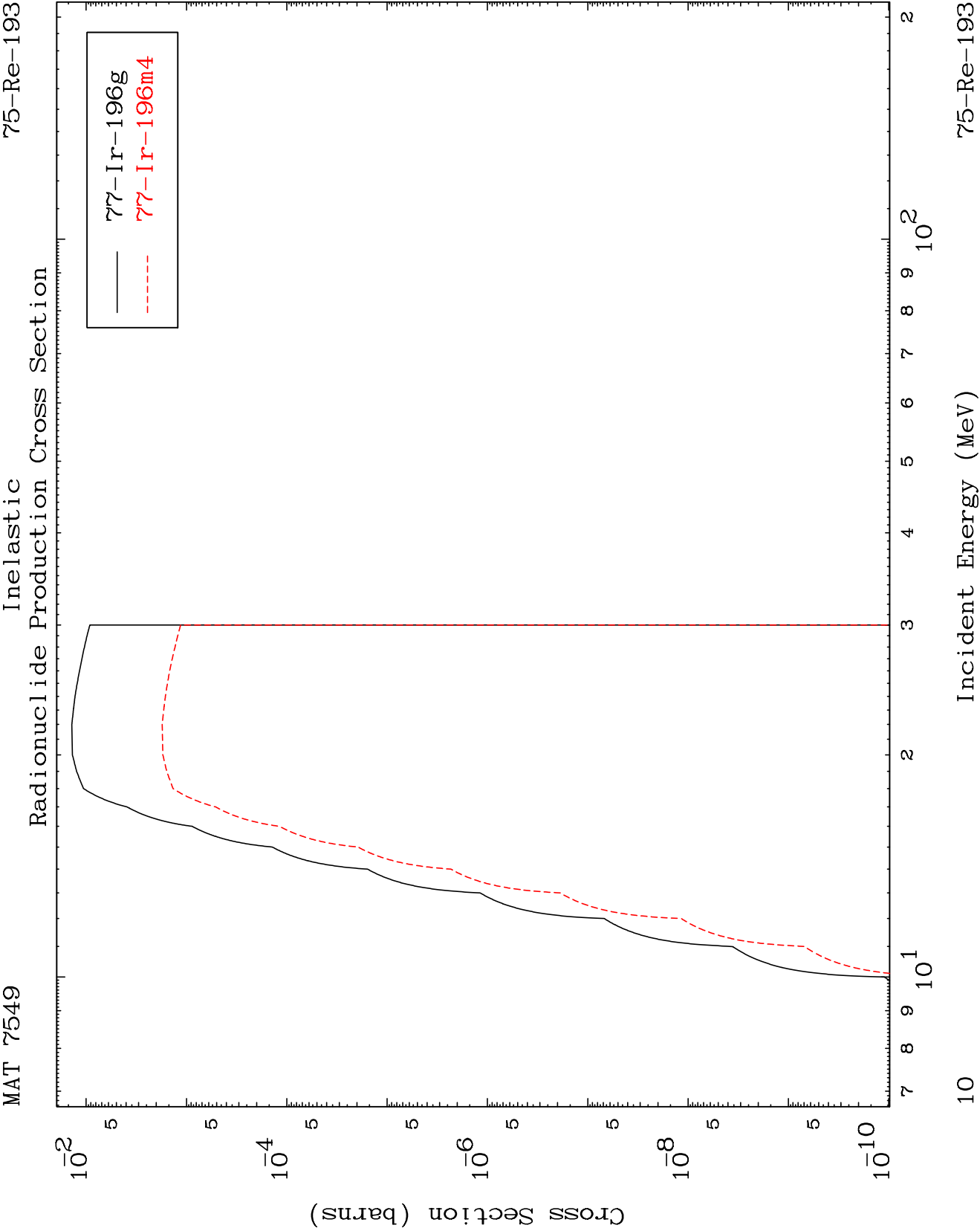
(α, α) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

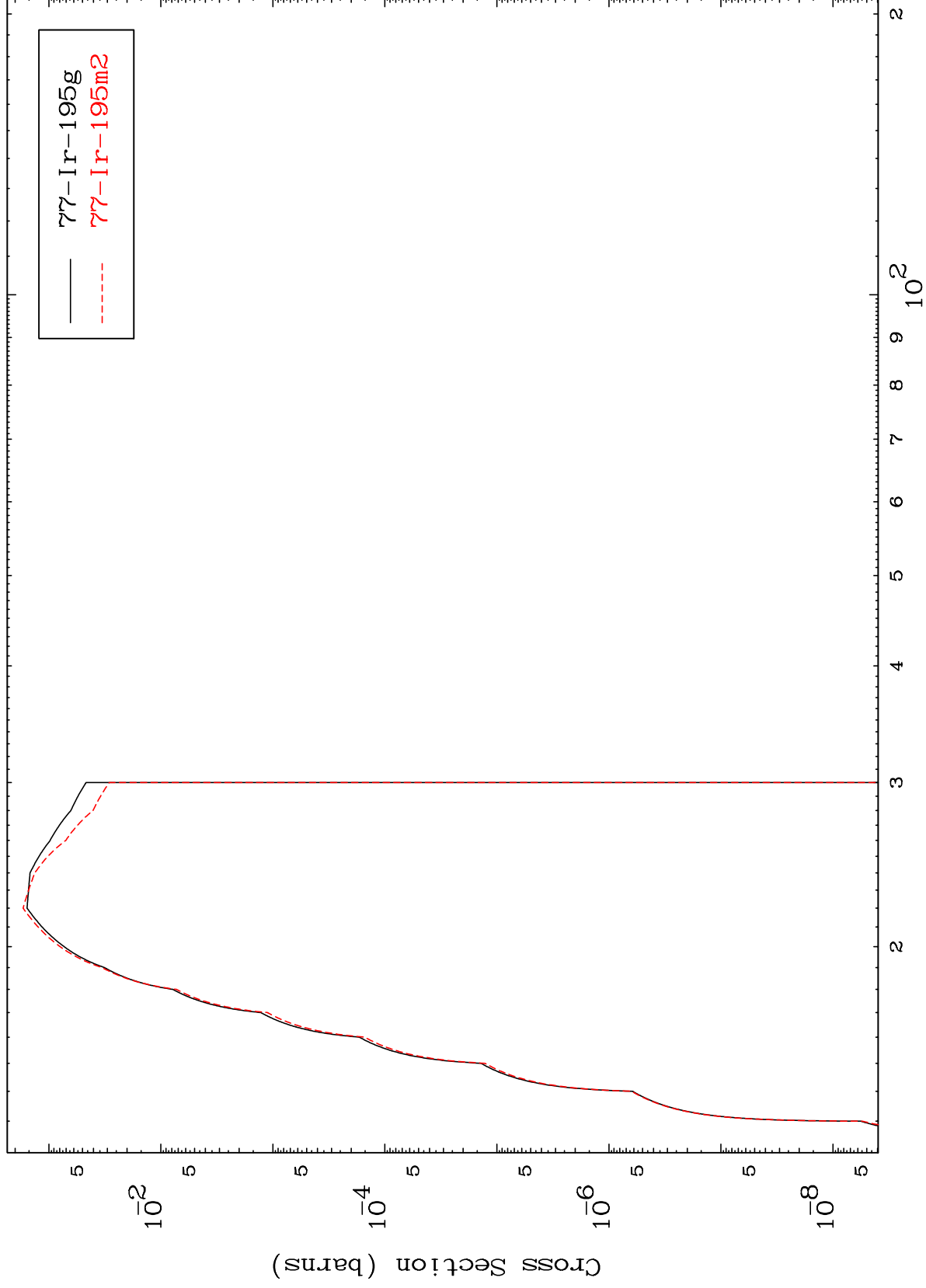
75-Re-193



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75-Re-193

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

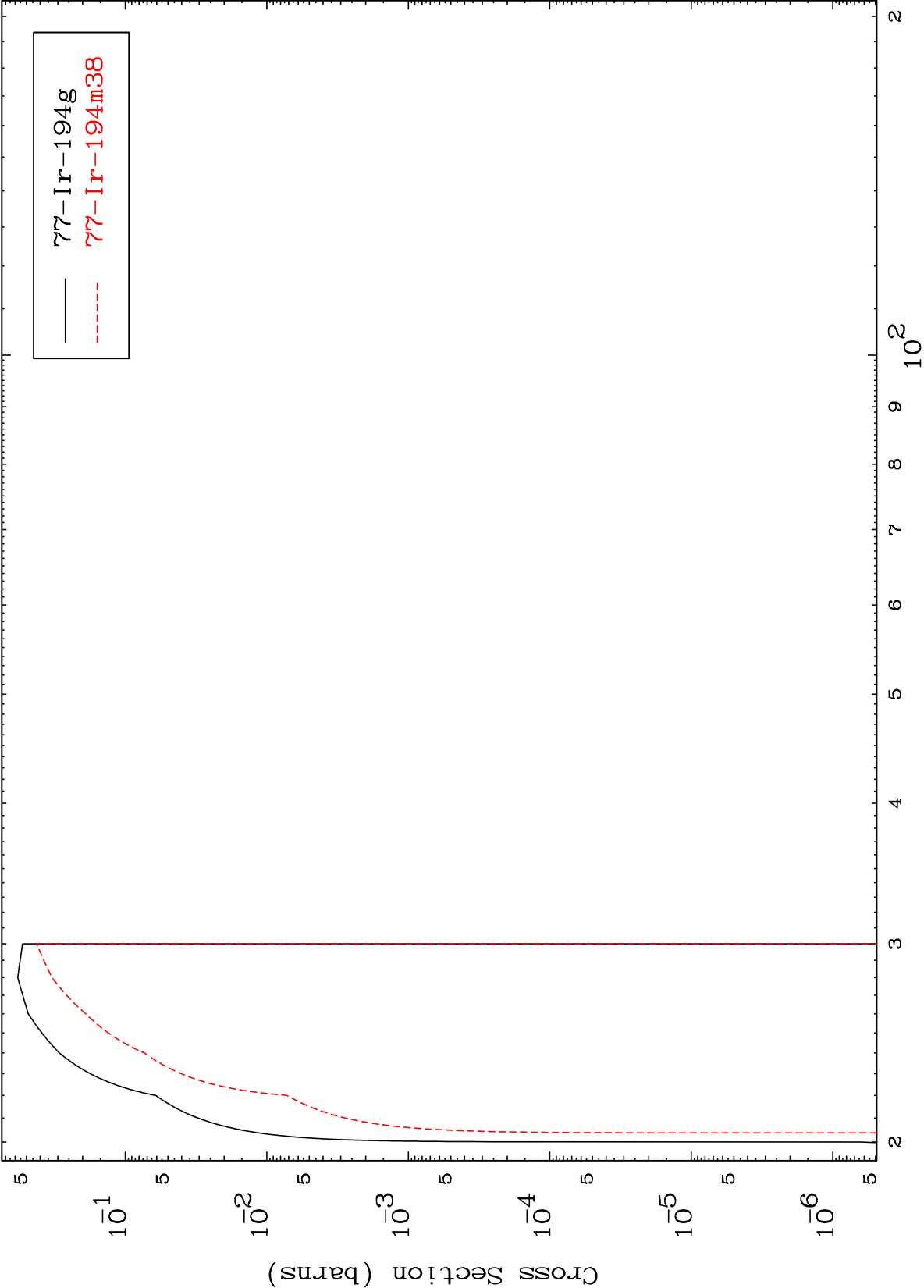
75-Re-193

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(n,3n)

⁷⁵Re-¹⁹³

Radionuclide Production Cross Section



12

Incident Energy (MeV)

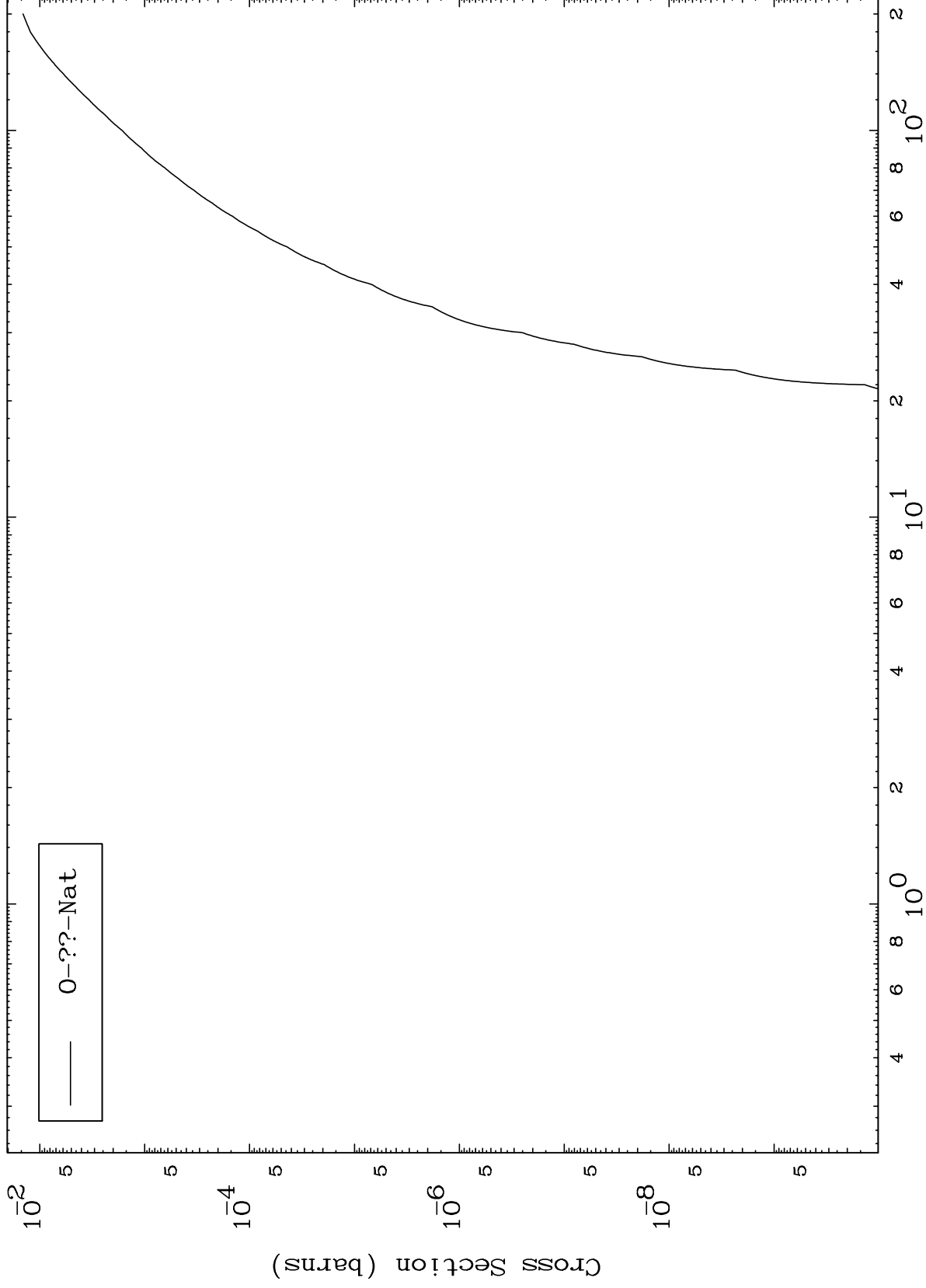
⁷⁵Re-¹⁹³

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Fission

⁷⁵Re-193

Radionuclide Production Cross Section



13

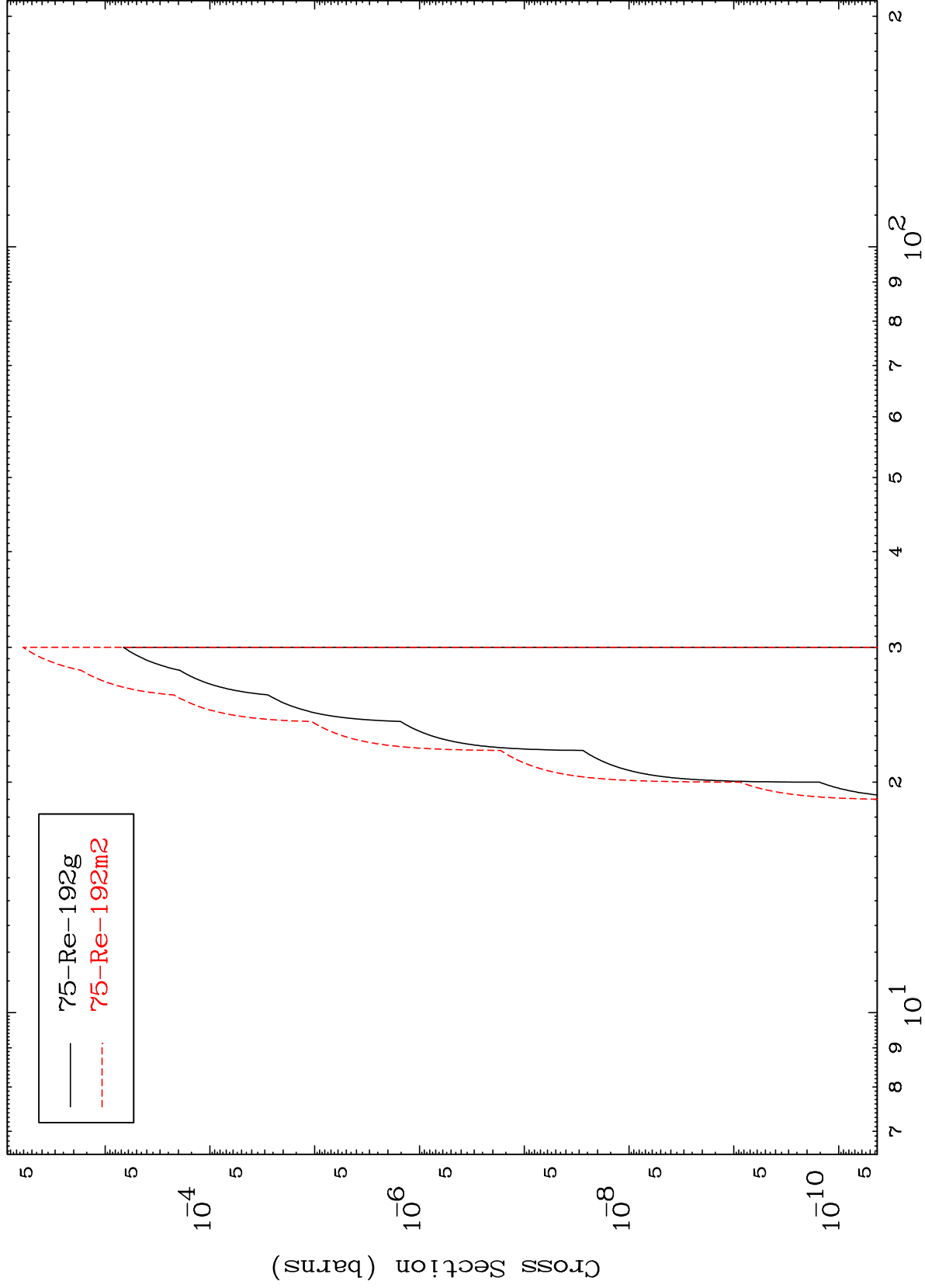
Incident Energy (MeV)

⁷⁵Re-193

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75-Re-193

$(n,n') \alpha$
Radionuclide Production Cross Section

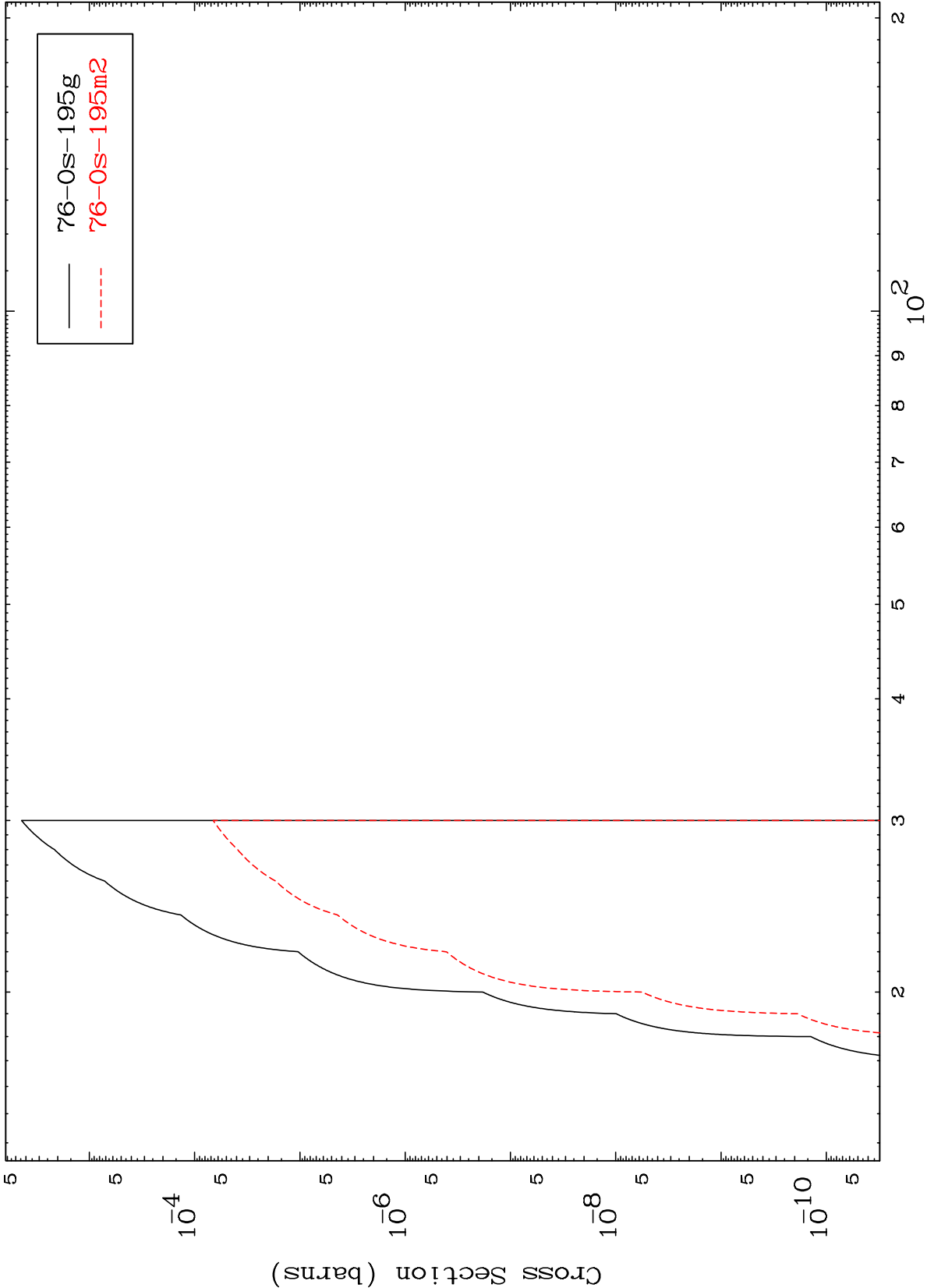


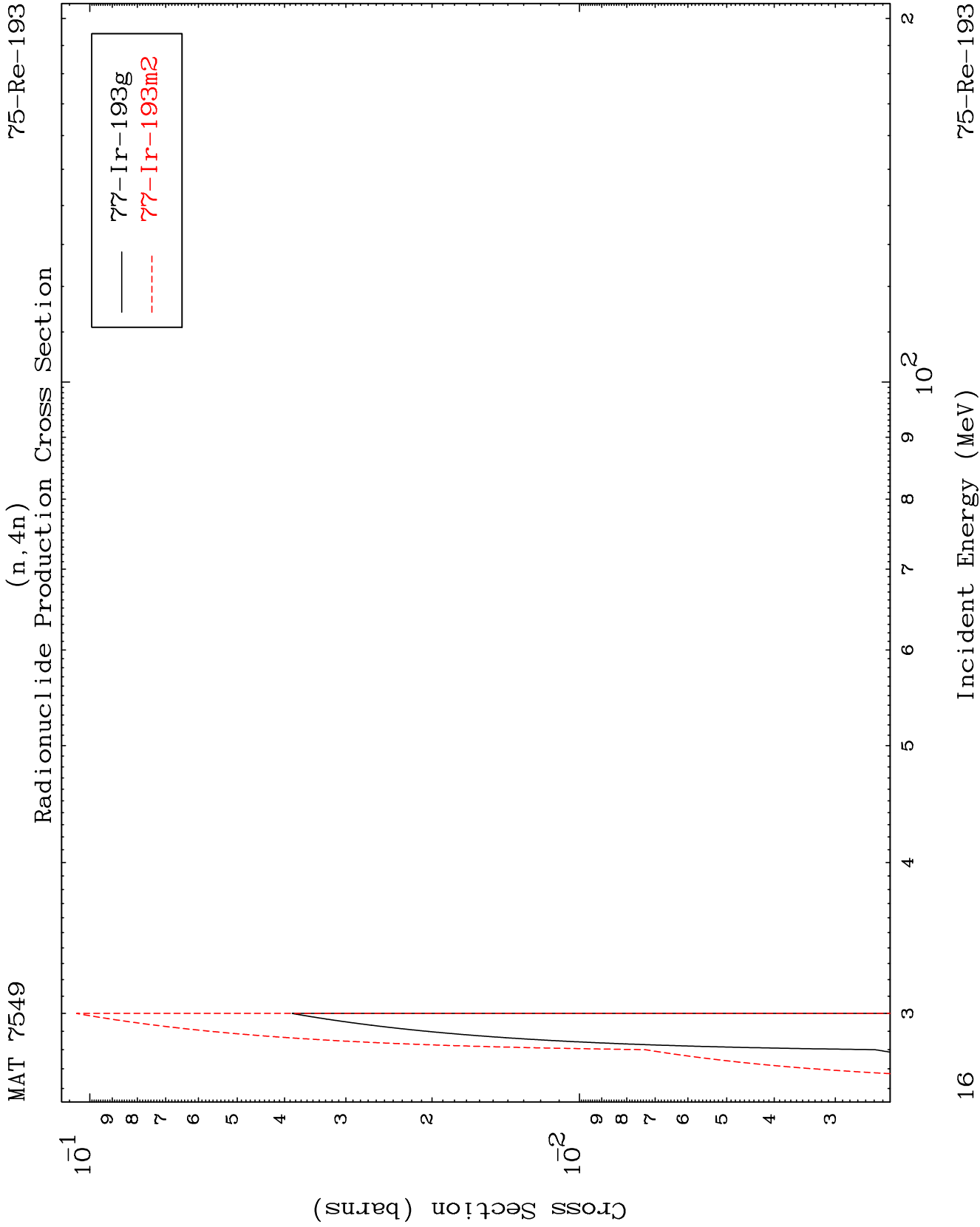
75-Re-193

Incident Energy (MeV)

14

(n,n') p
Radionuclide Production Cross Section

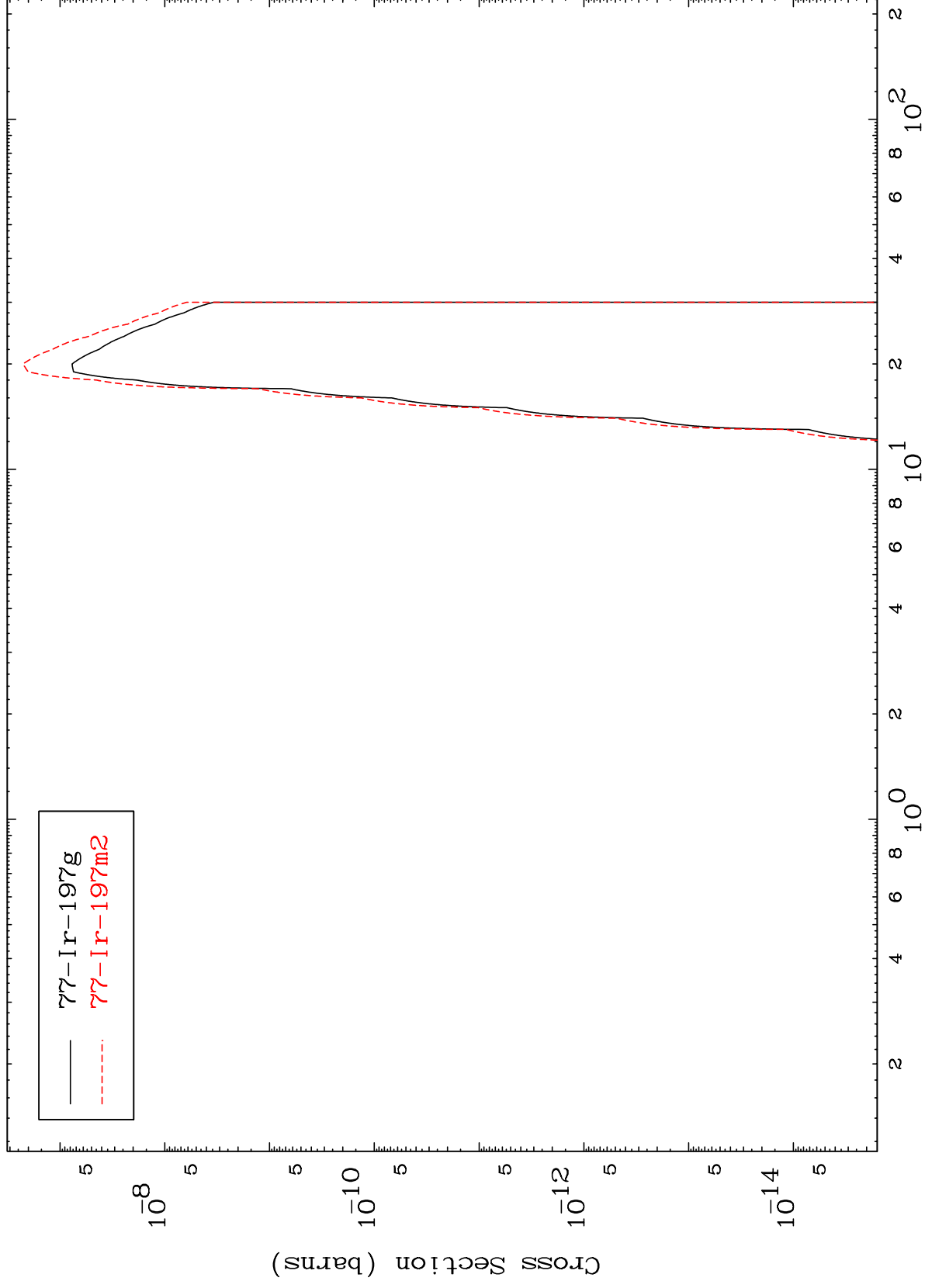




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75-Re-193

Radionuclide Production Cross Section
(n, γ)



17

Incident Energy (MeV)

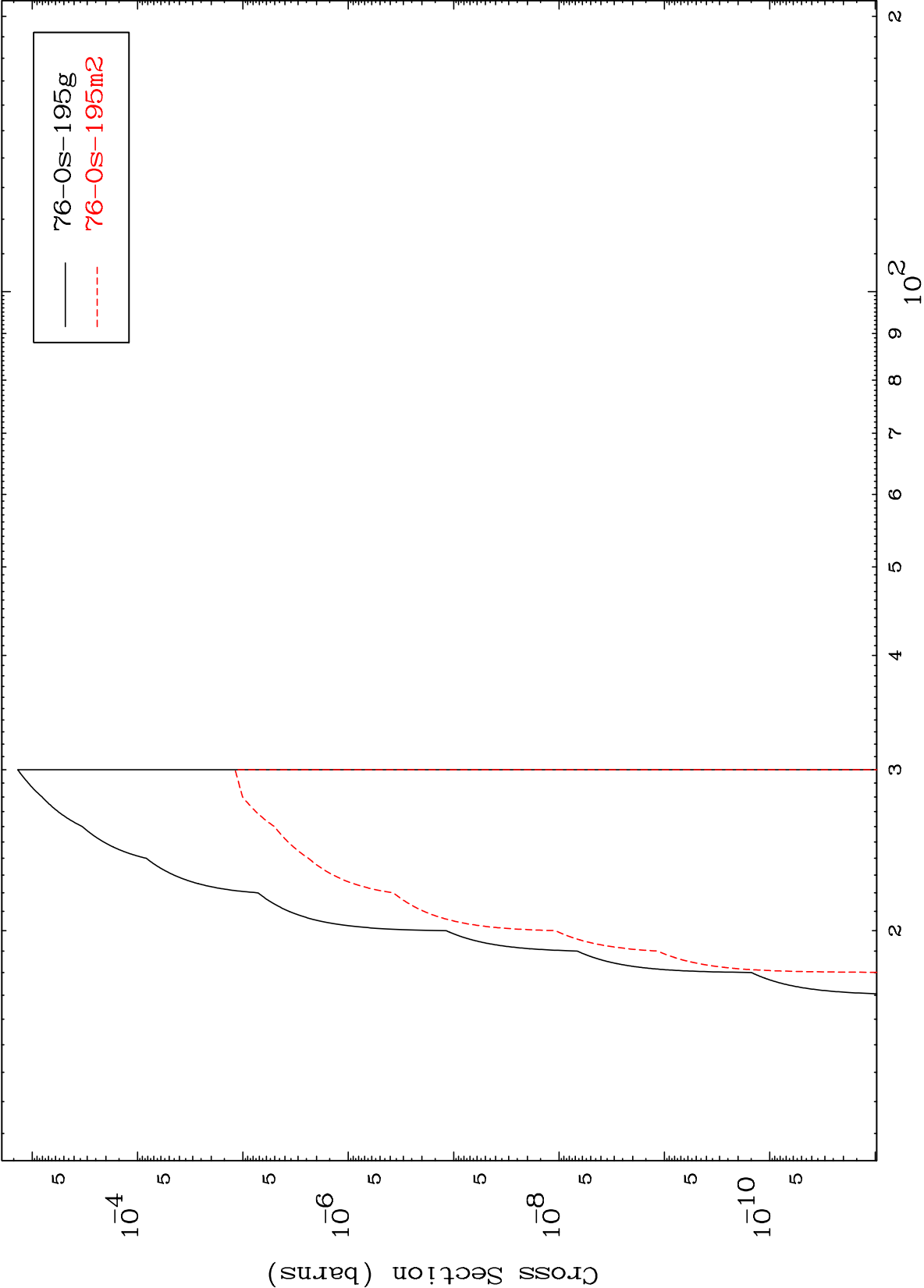
75-Re-193

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(n,d)

75-Re-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

75-Re-193

(n,He-3)
Radionuclide Production Cross Section

