

Program EVALPLOT
(Version 2021-1)

by

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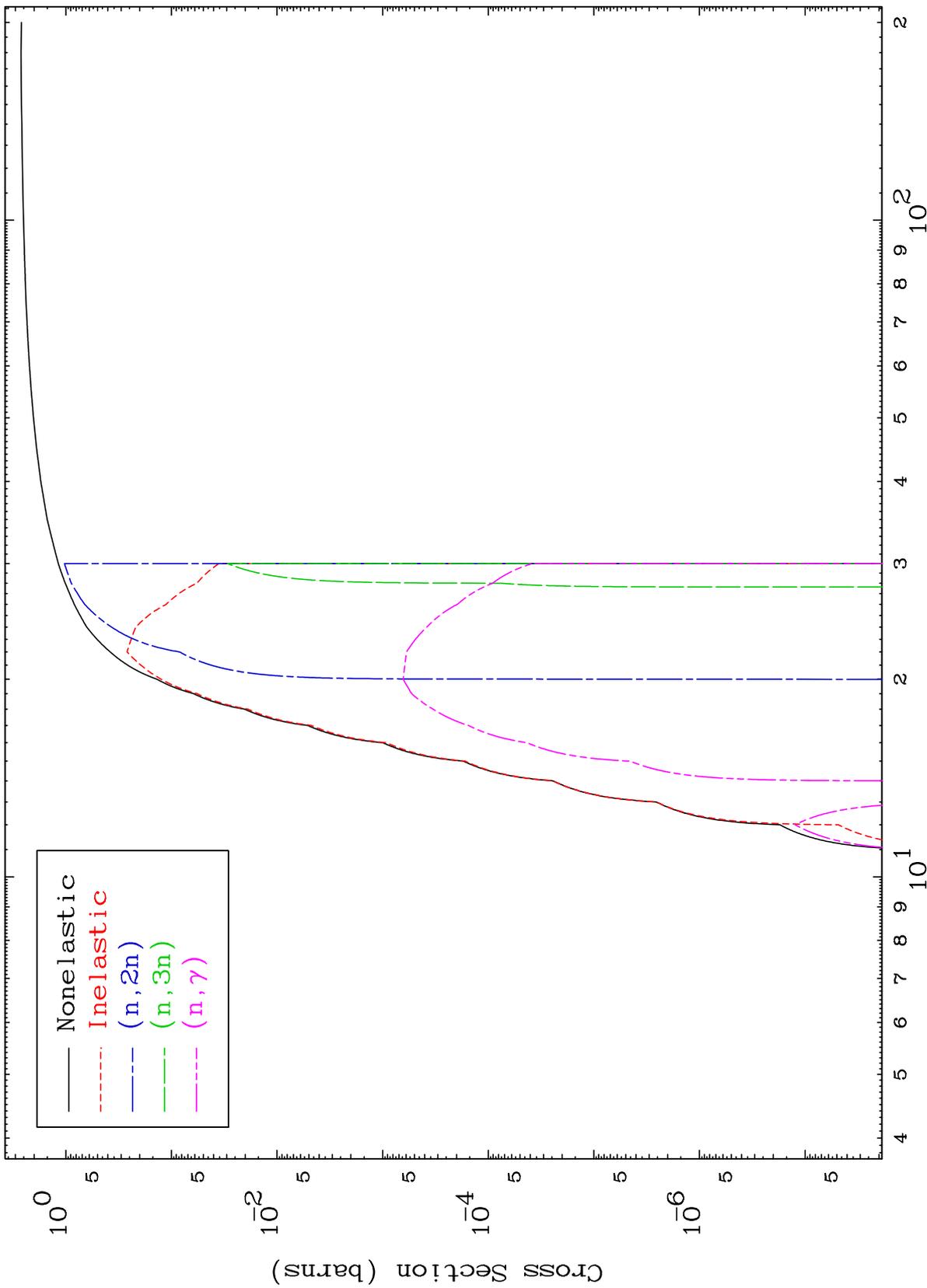
Press Mouse Button to Start

MAT 7516

α Major

75-Re-182

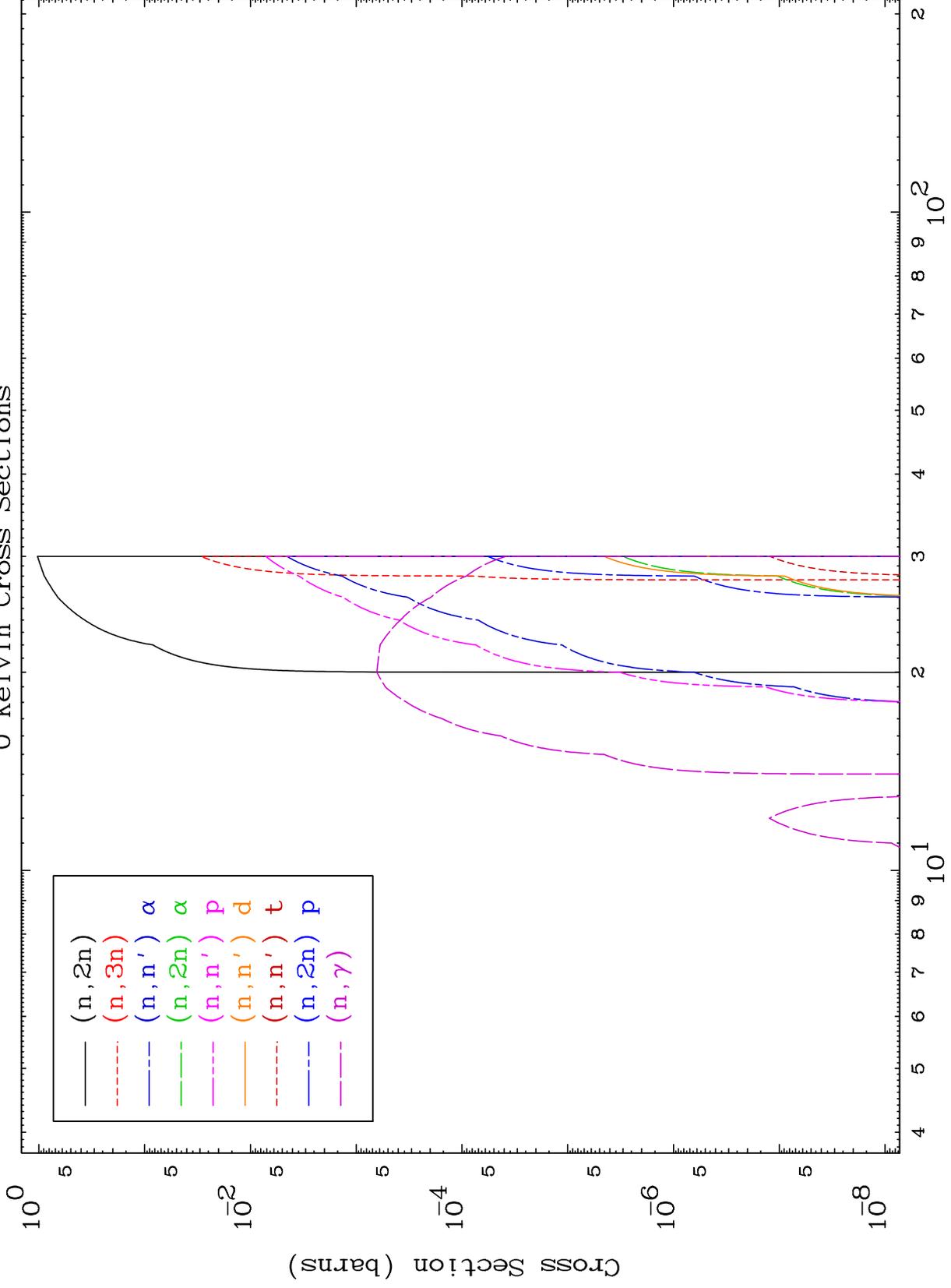
0 Kelvin Cross Sections



1

Incident Energy (MeV)

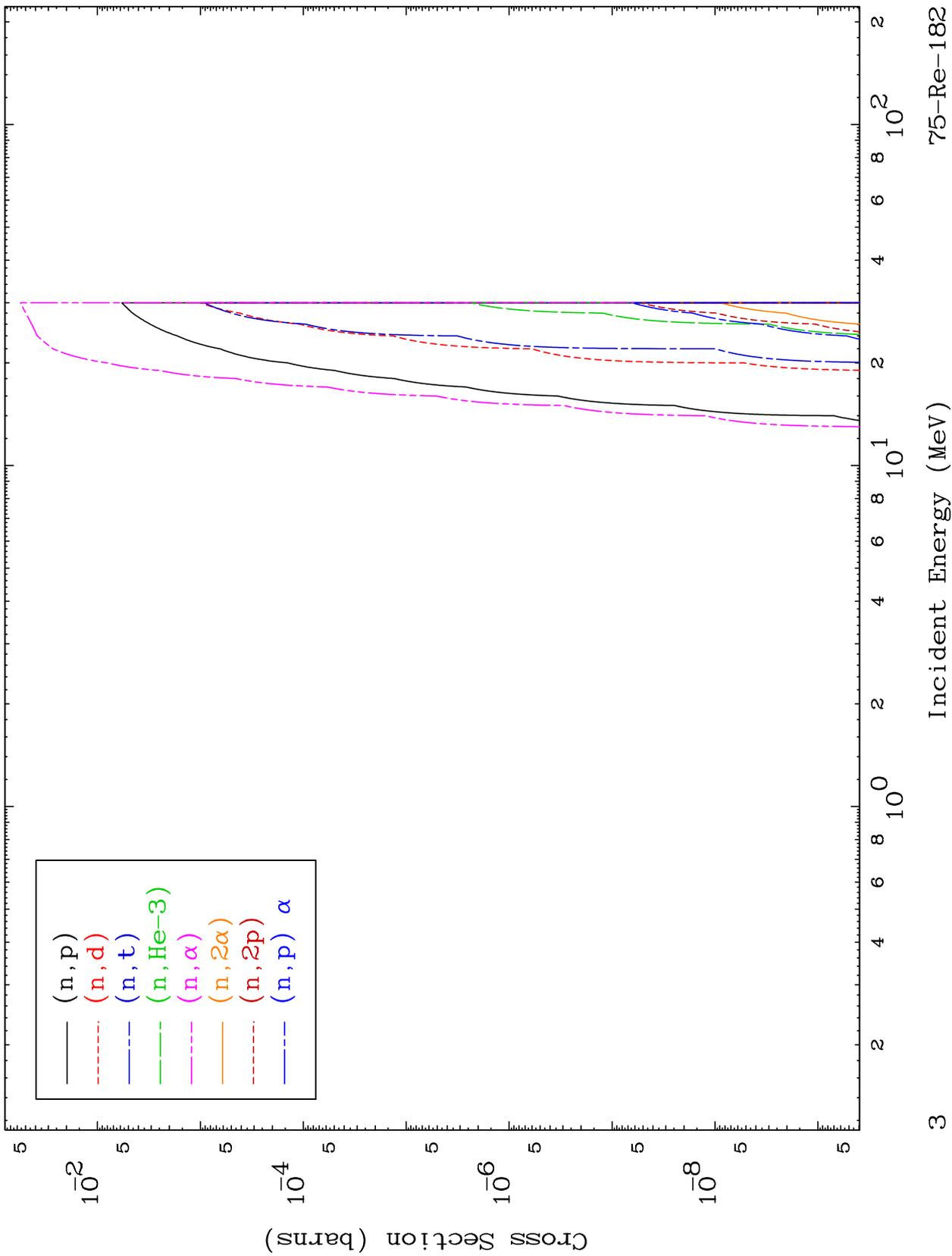
75-Re-182

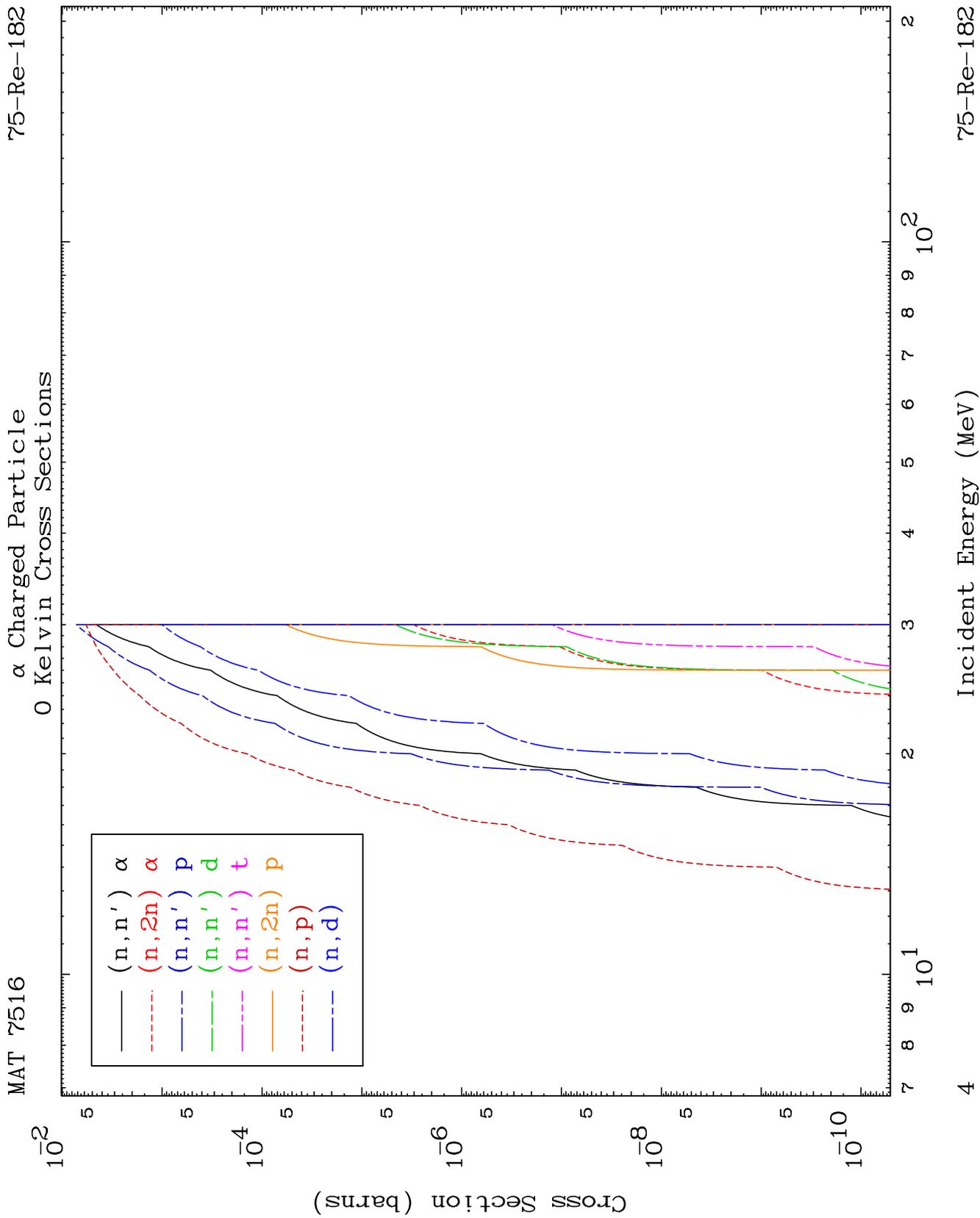


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α Neutron Absorption
0 Kelvin Cross Sections

75-Re-182

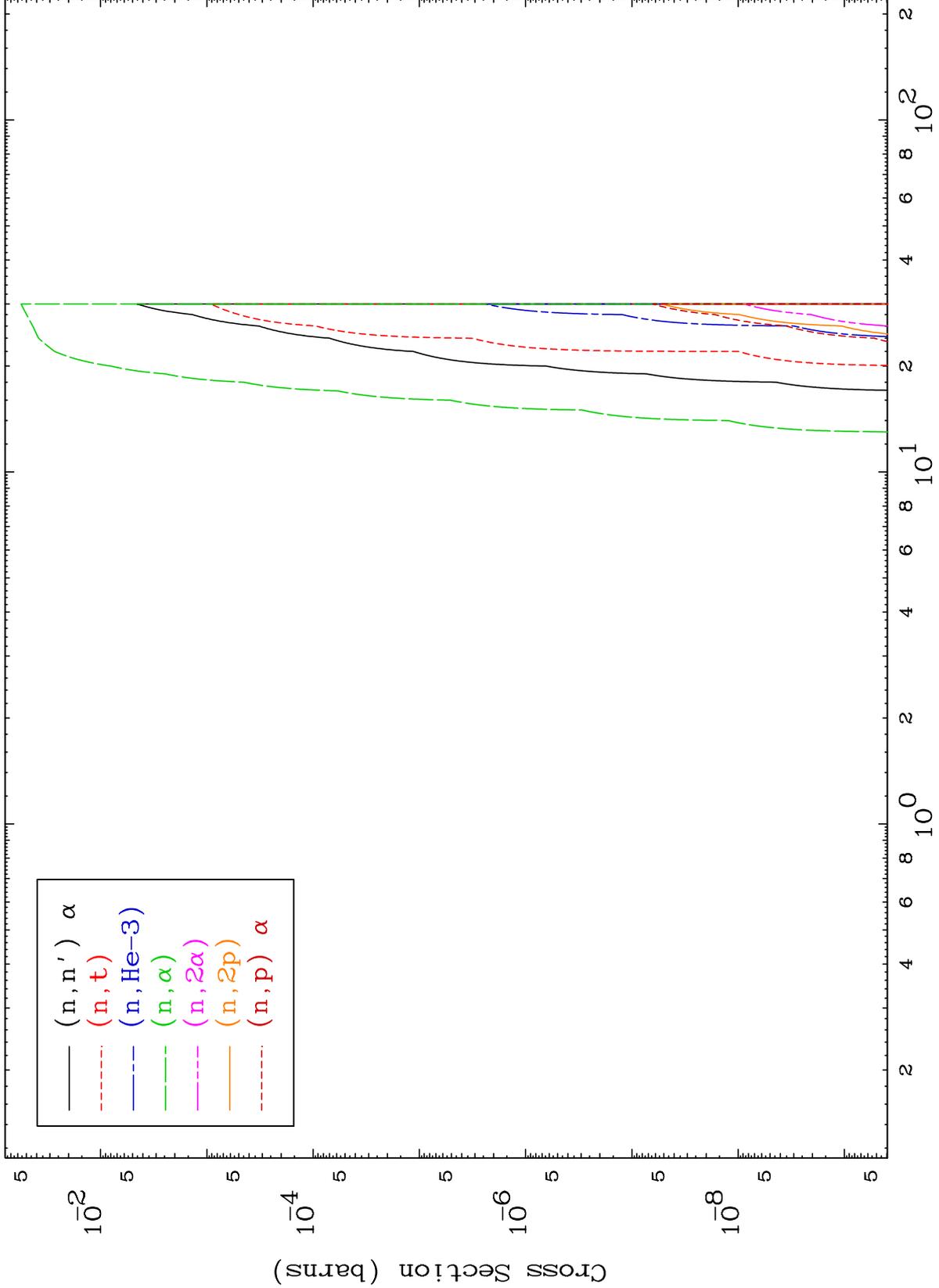




MAT 7516

α Charged Particle
0 Kelvin Cross Sections

75-Re-182



5

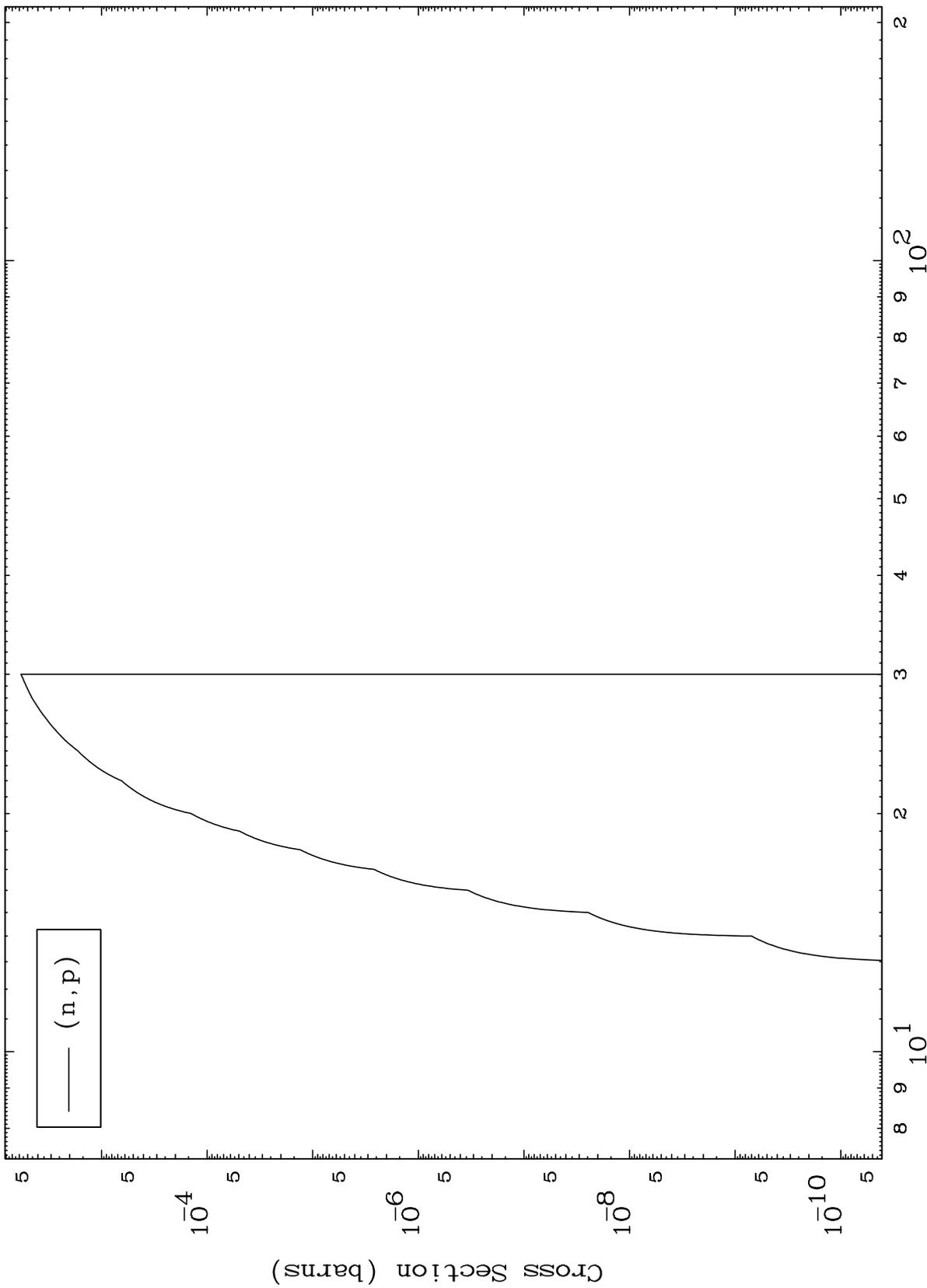
Incident Energy (MeV)

75-Re-182

MAT 7516

(α, p) Levels
0 Kelvin Cross Sections

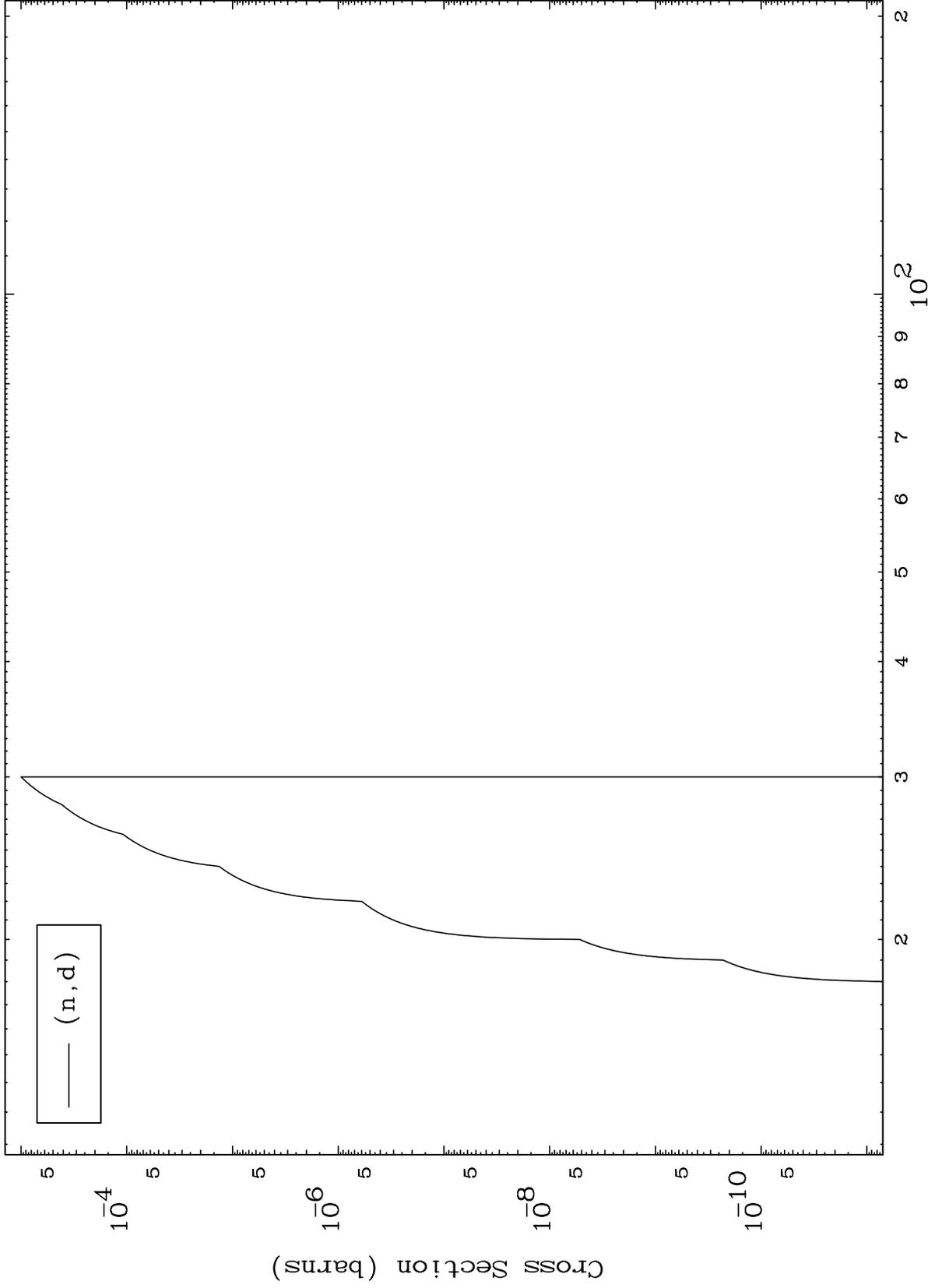
75-Re-182

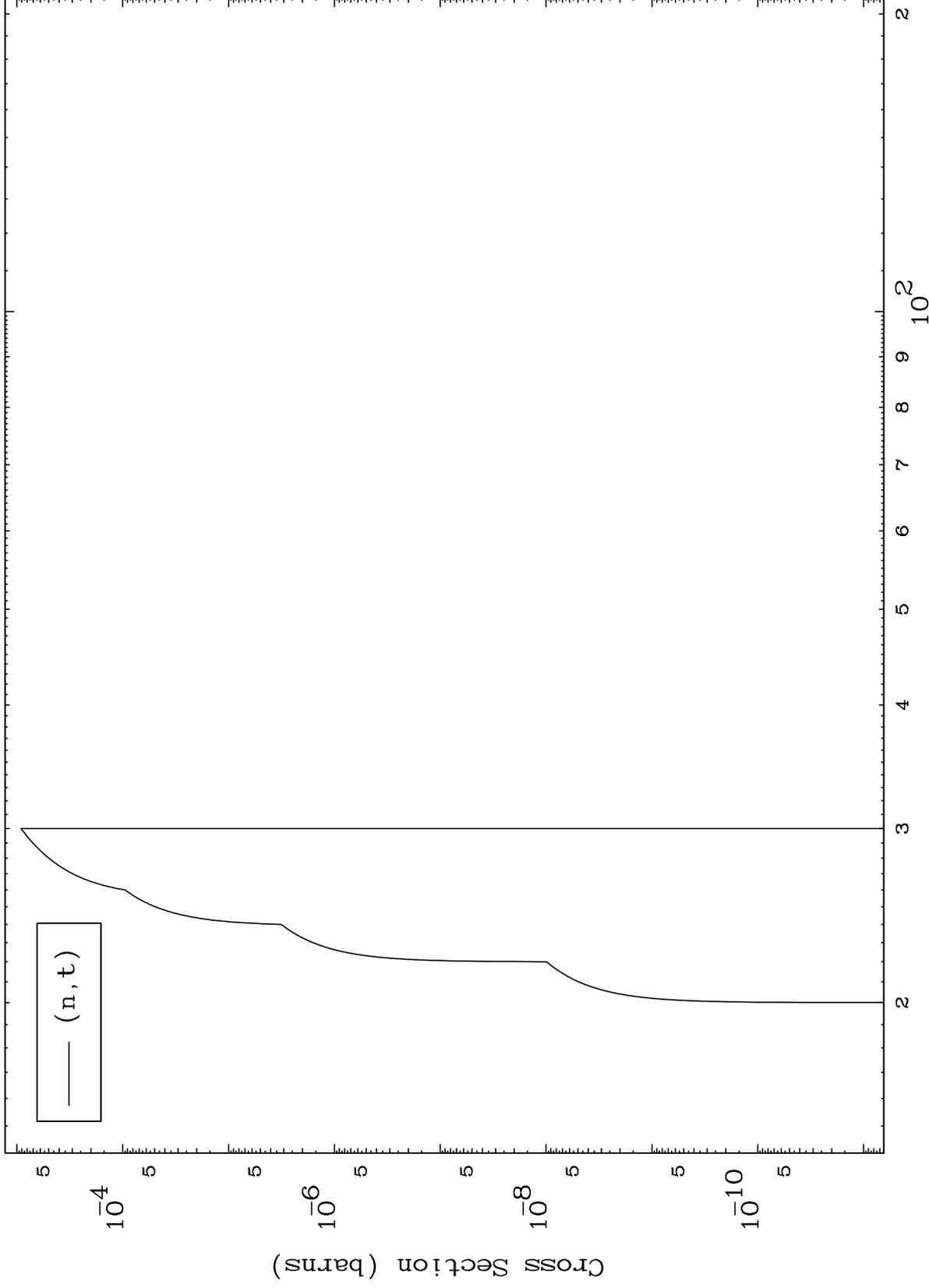


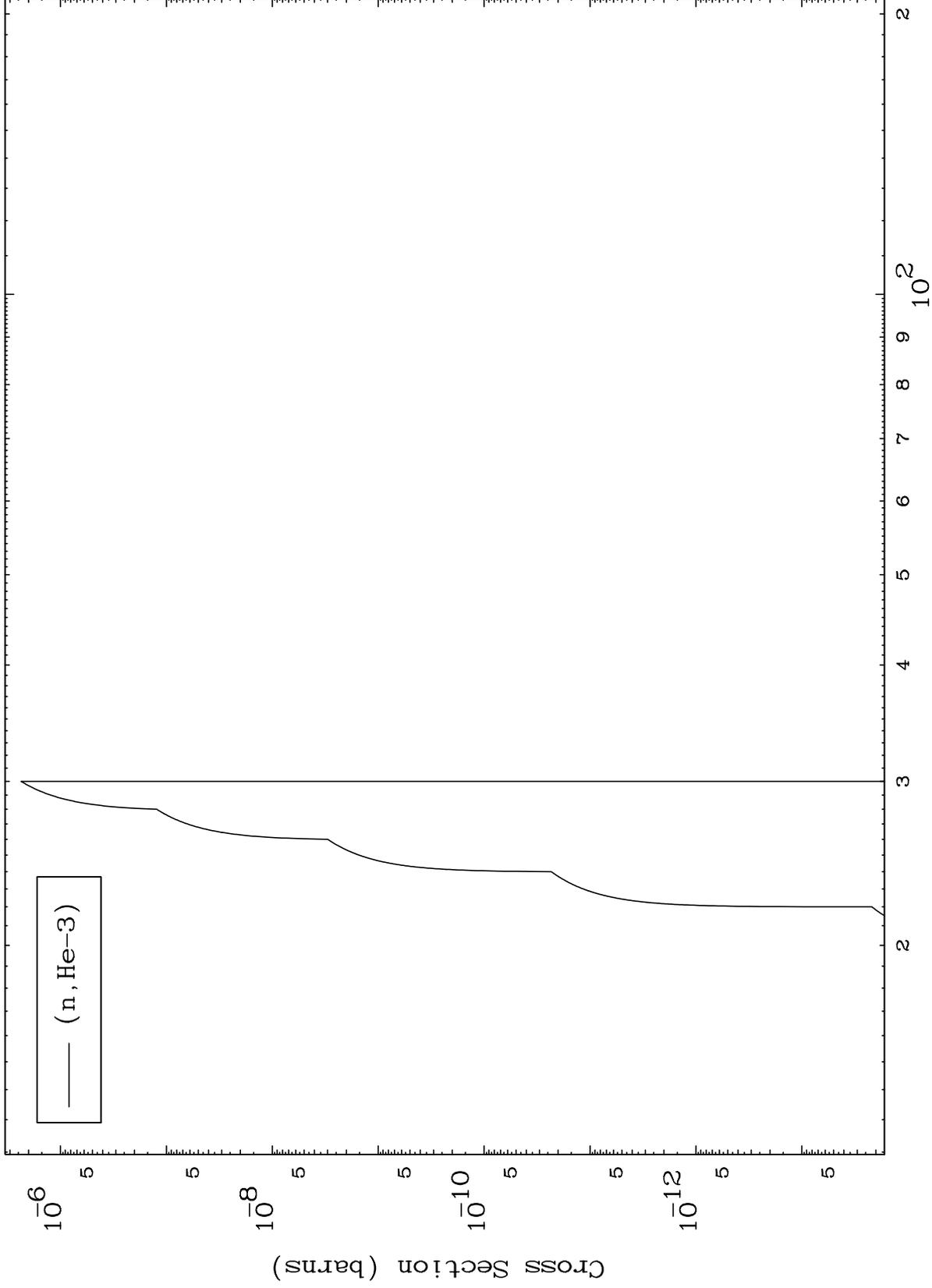
Incident Energy (MeV)

75-Re-182

6





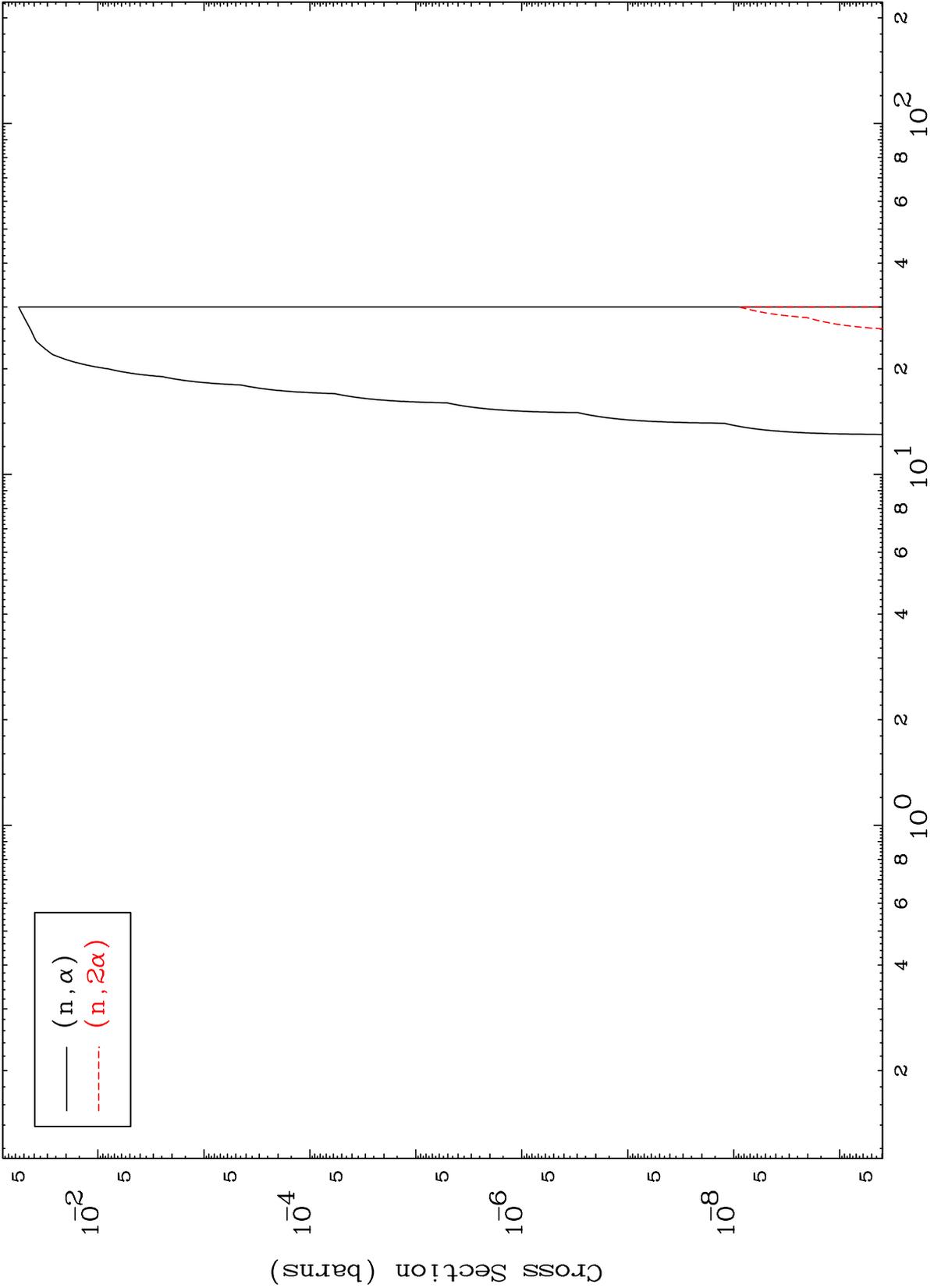


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(α, α) Levels

75-Re-182

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

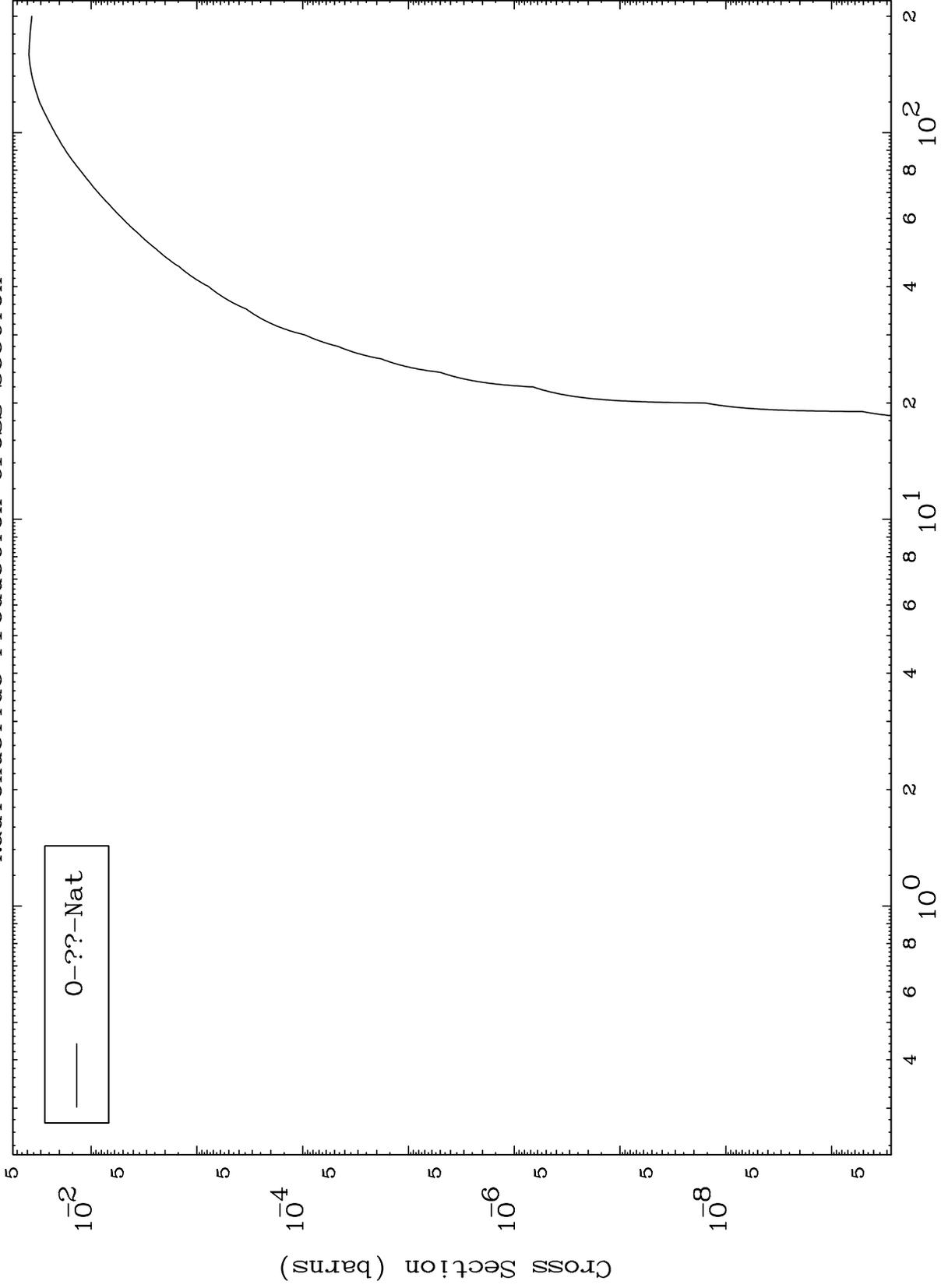
75-Re-182

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Fission

⁷⁵Re-182

Radionuclide Production Cross Section

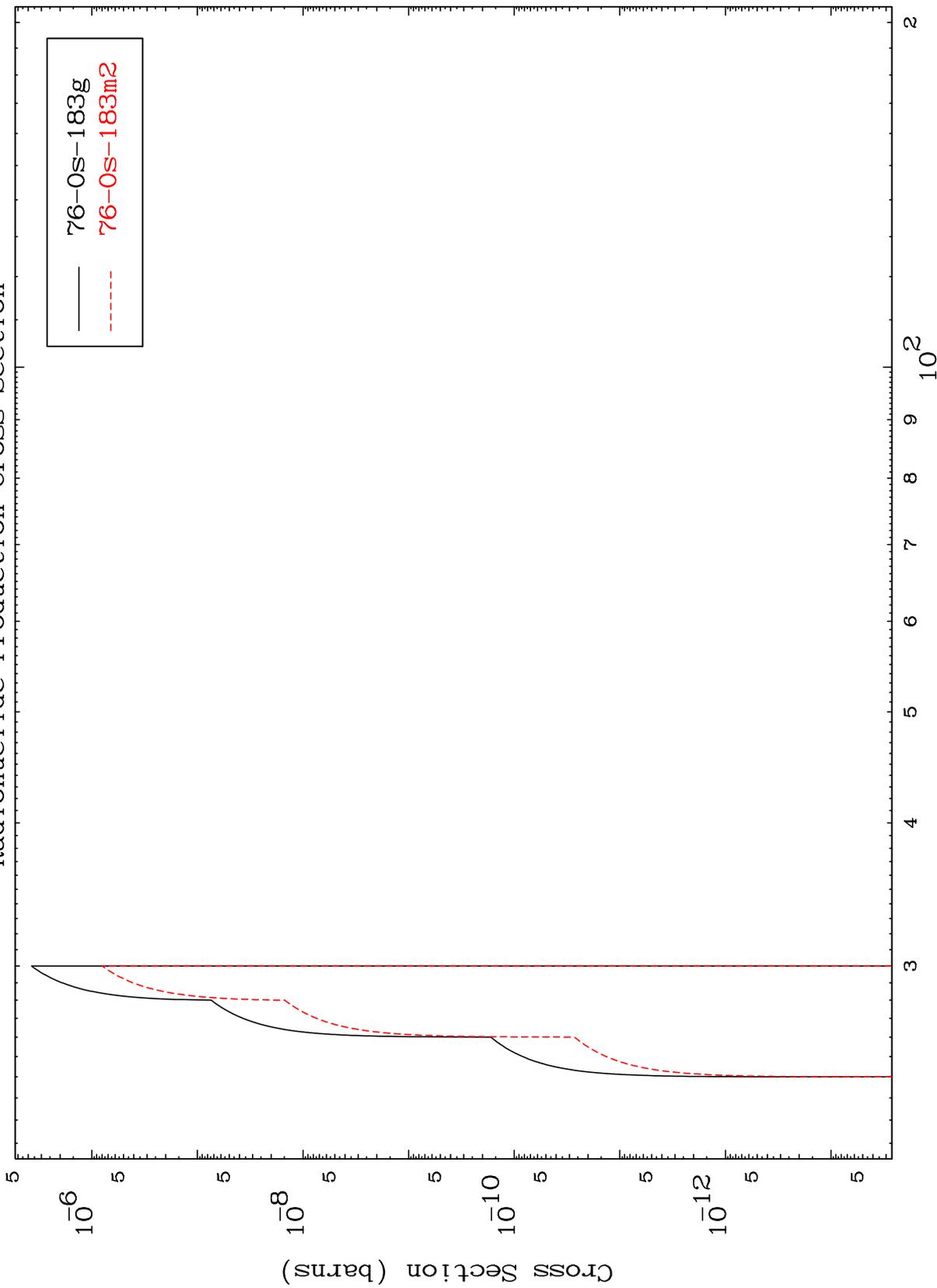


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(n,n') d

75-Re-182

Radionuclide Production Cross Section

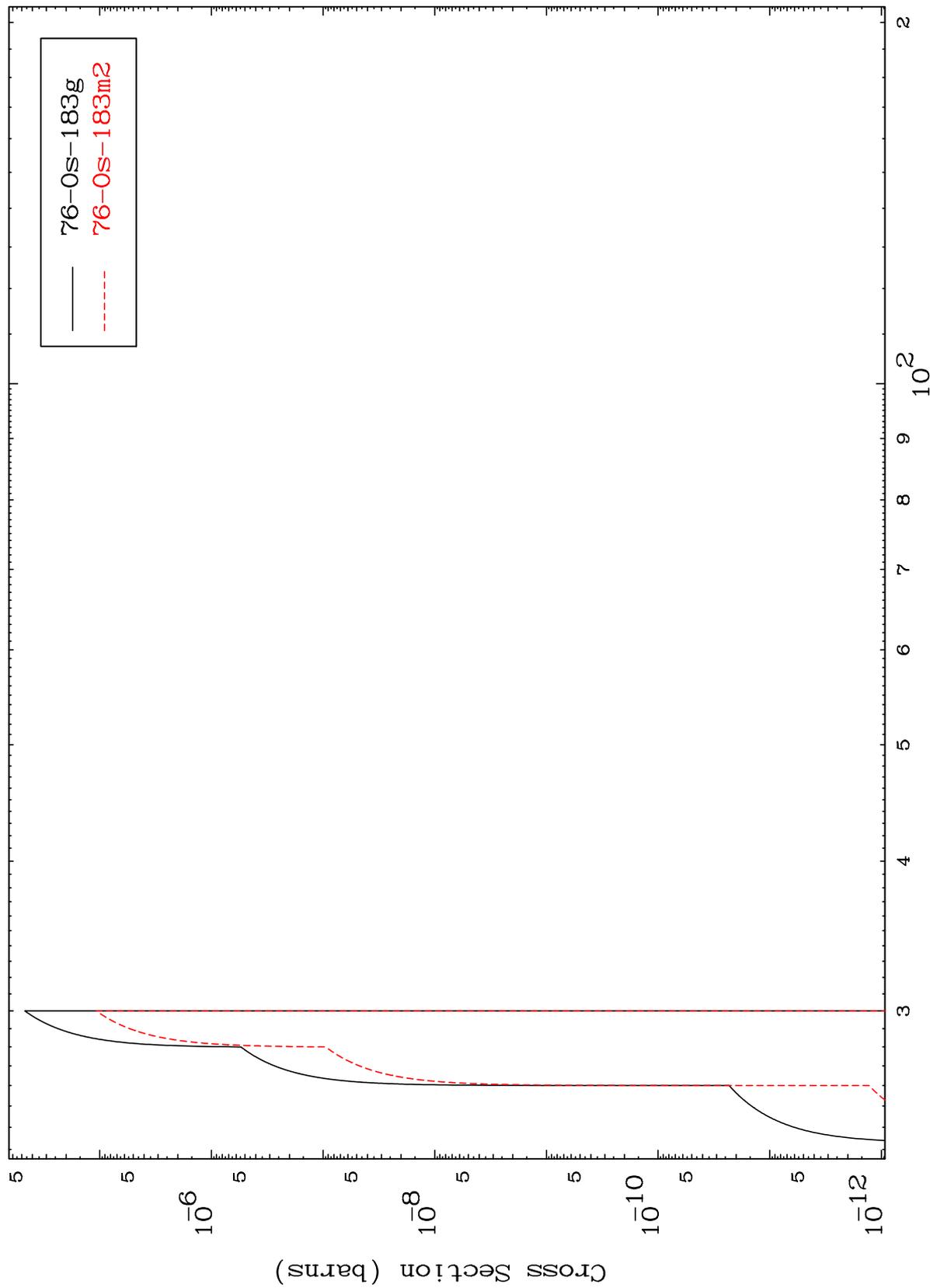


12

Incident Energy (MeV)

75-Re-182

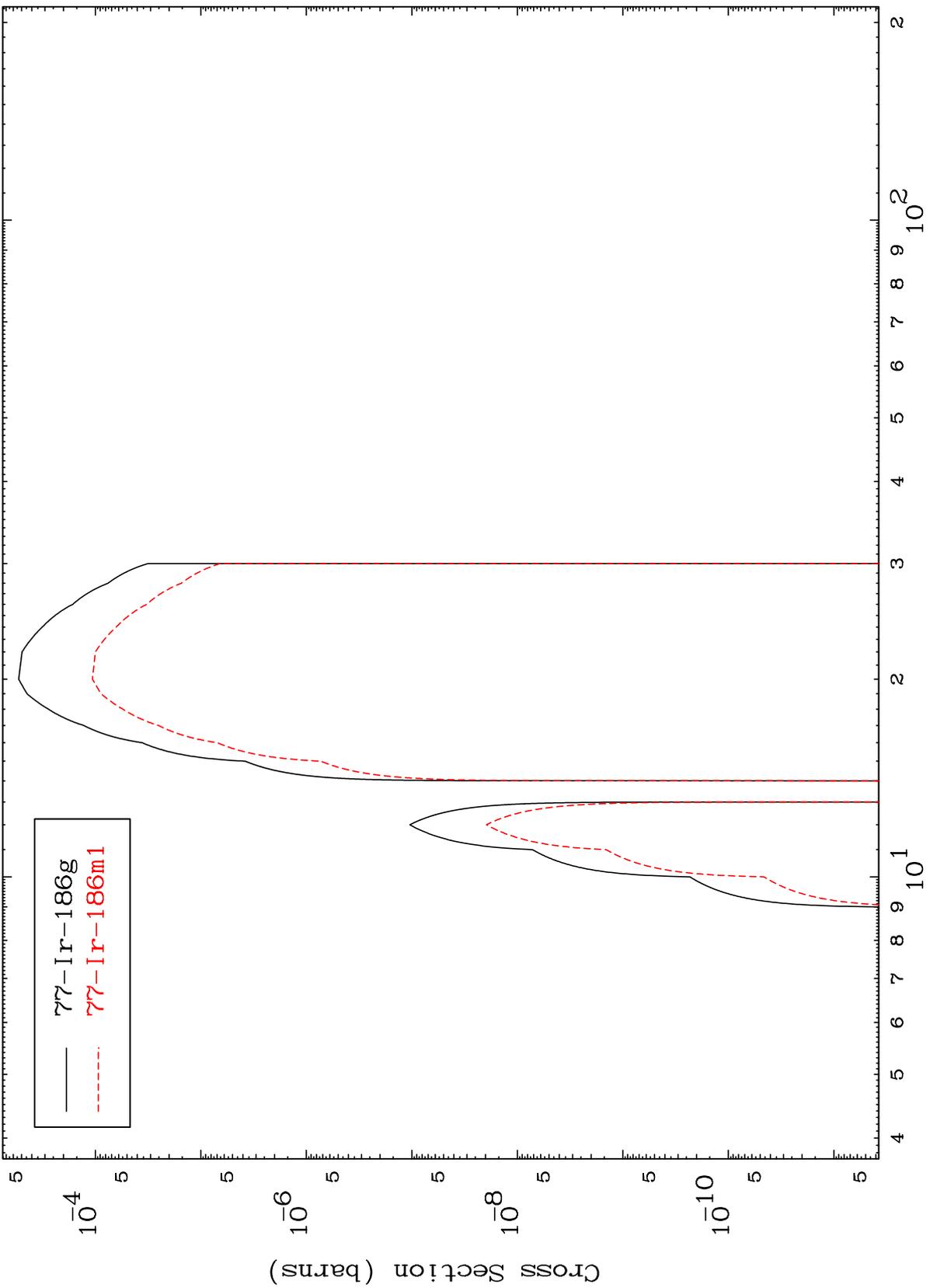
Radionuclide Production Cross Section



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75-Re-182

Radionuclide Production Cross Section
(n,γ)



77-Ir-186g
77-Ir-186m1

75-Re-182

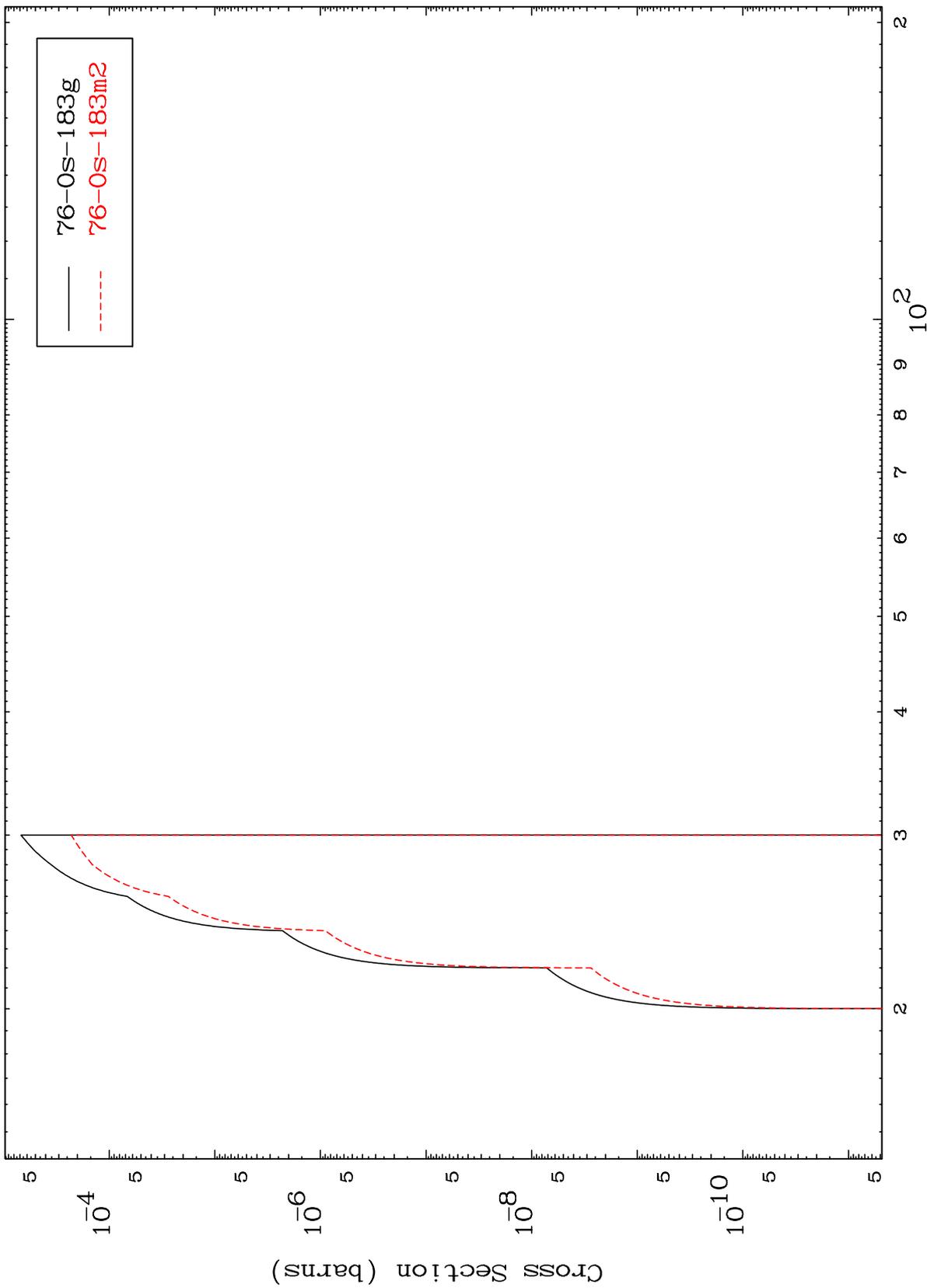
Incident Energy (MeV)

14

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75-Re-182

(n, t)
Radionuclide Production Cross Section



15

75-Re-182

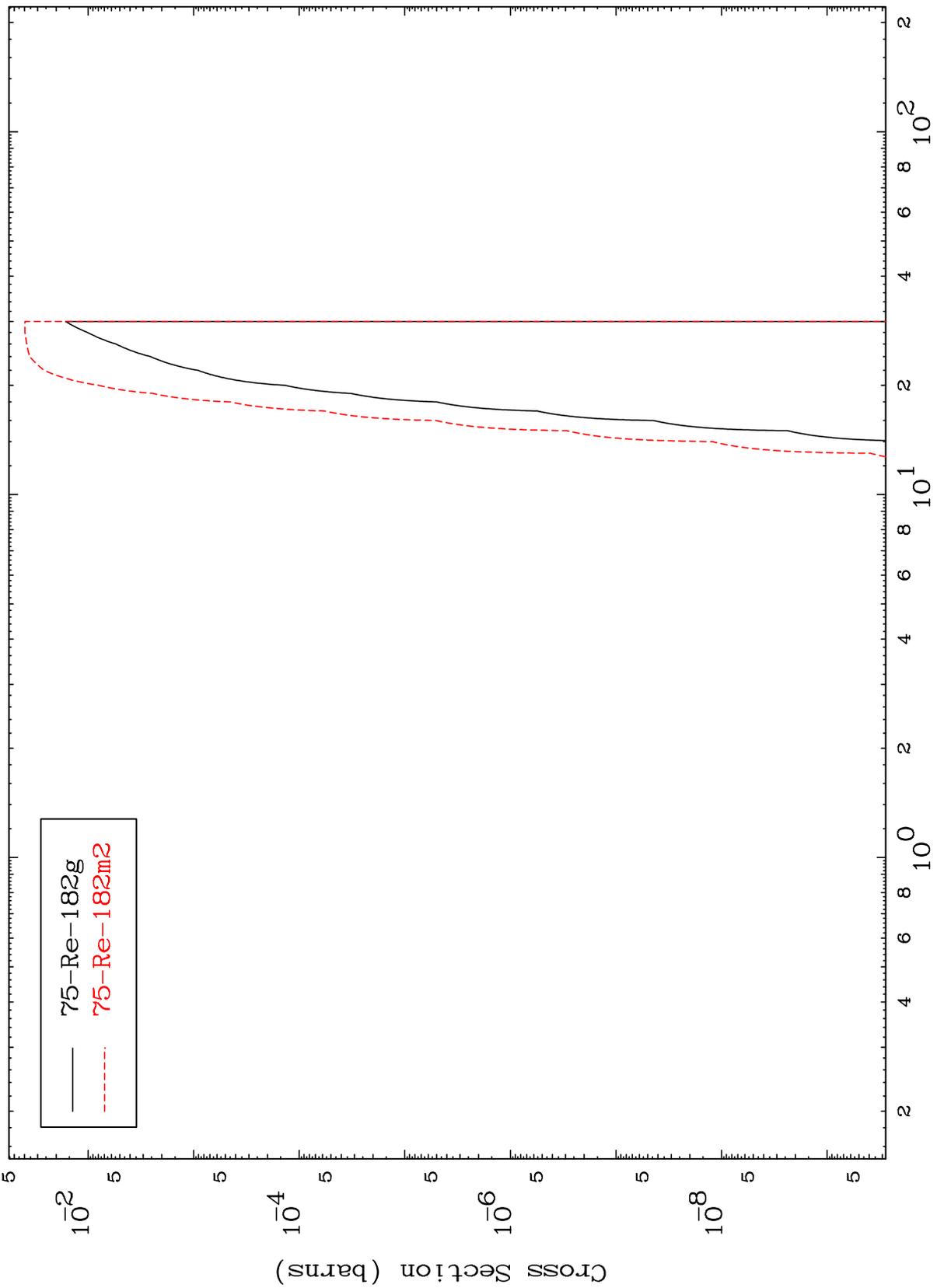
Incident Energy (MeV)

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(n, α)

75-Re-182

Radionuclide Production Cross Section



75-Re-182g
75-Re-182m2

16

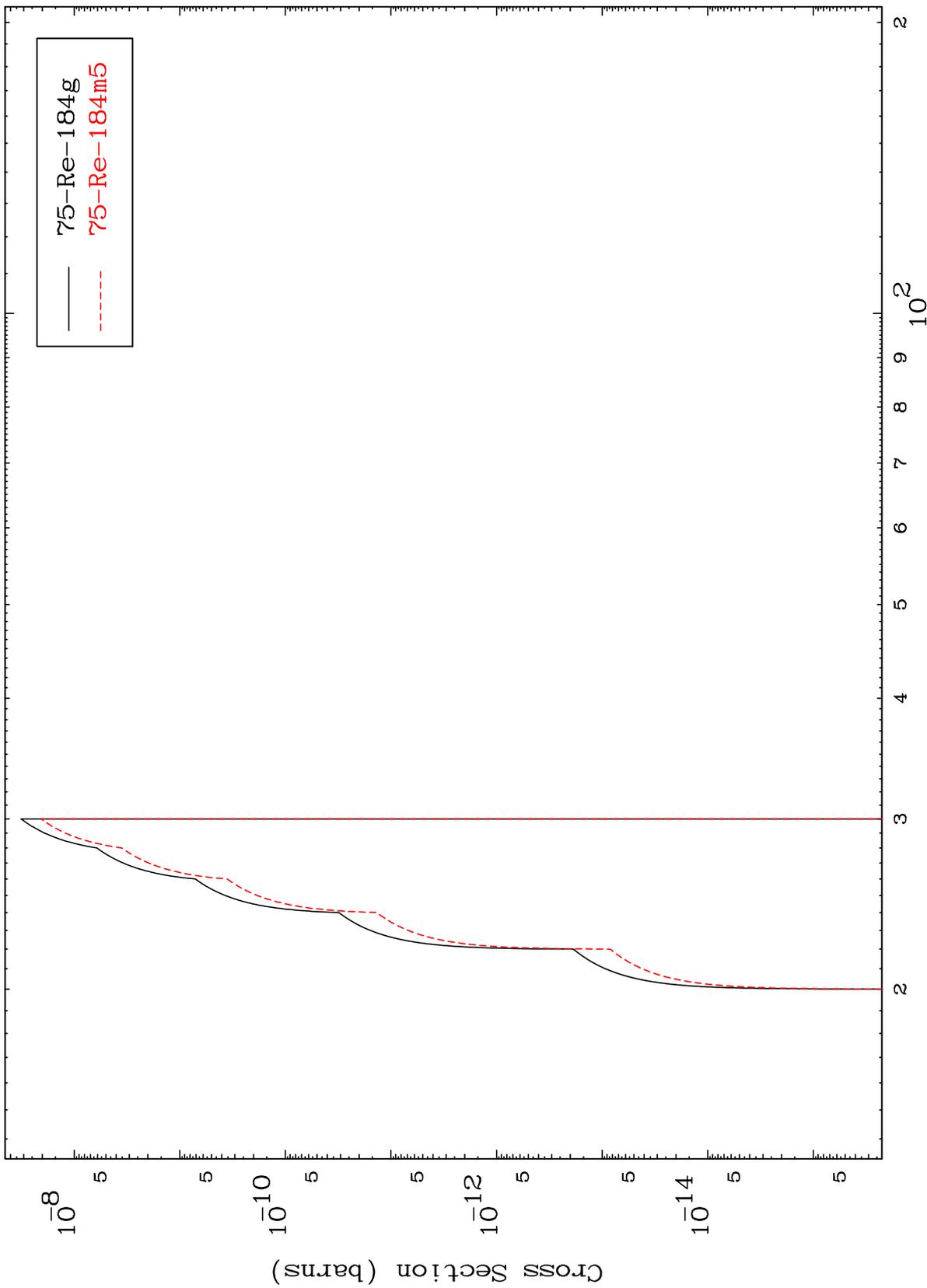
Incident Energy (MeV)

75-Re-182

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75-Re-182

(n,2p)
Radionuclide Production Cross Section



17

75-Re-182