

Program EVALPLOT
(Version 2021-1)

by

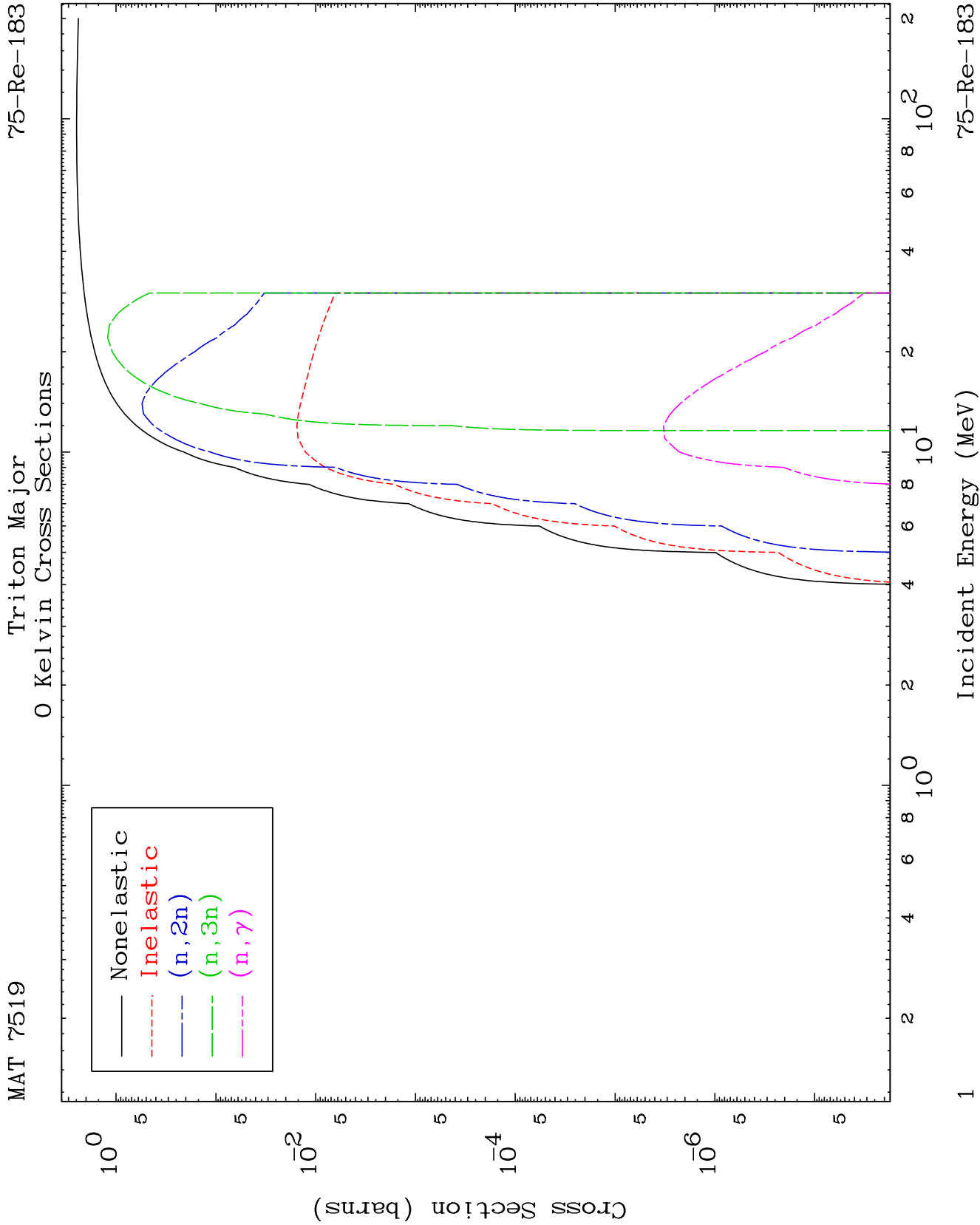
Dermott E. Cullen
(Present Contact Information)

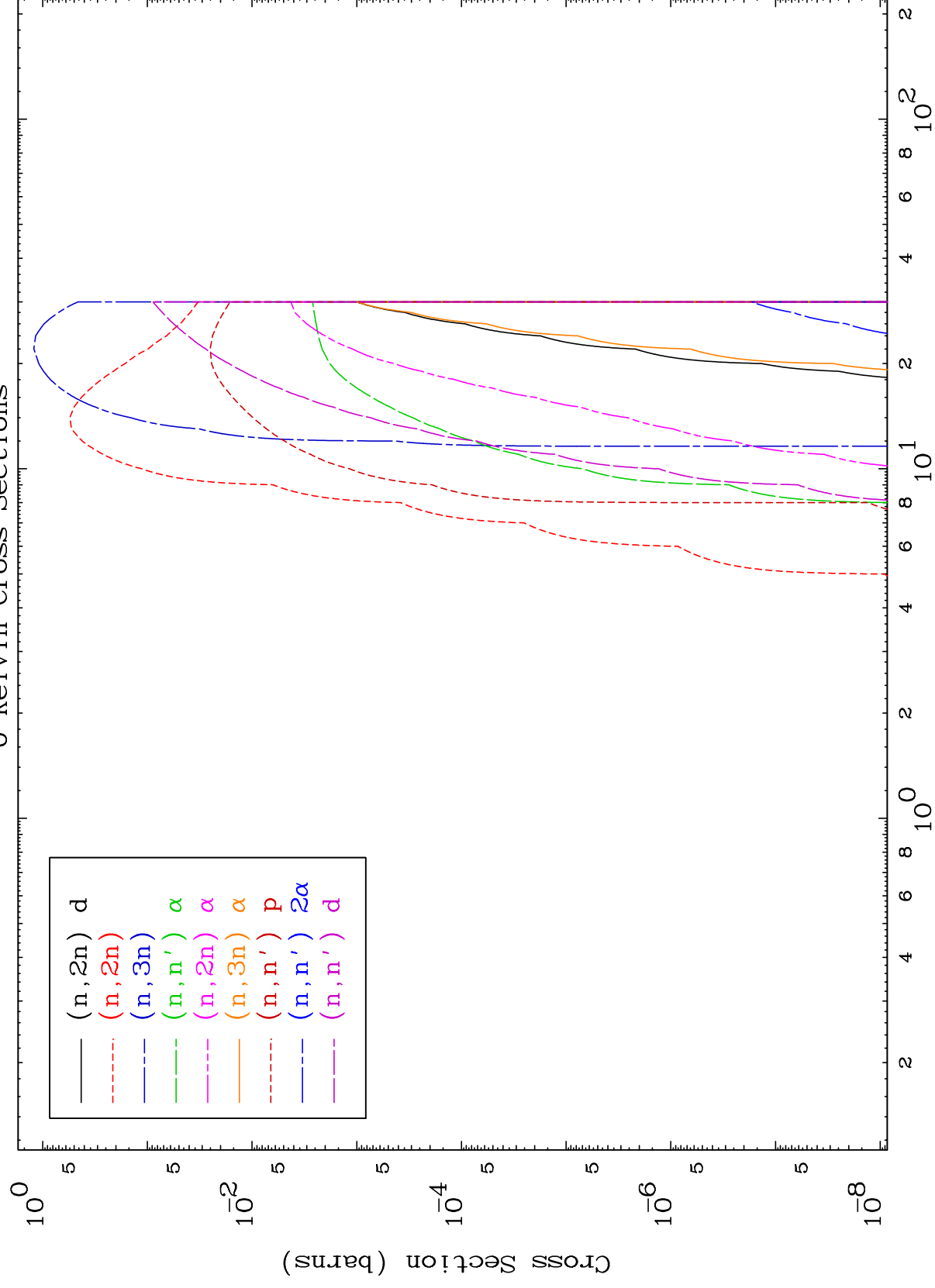
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

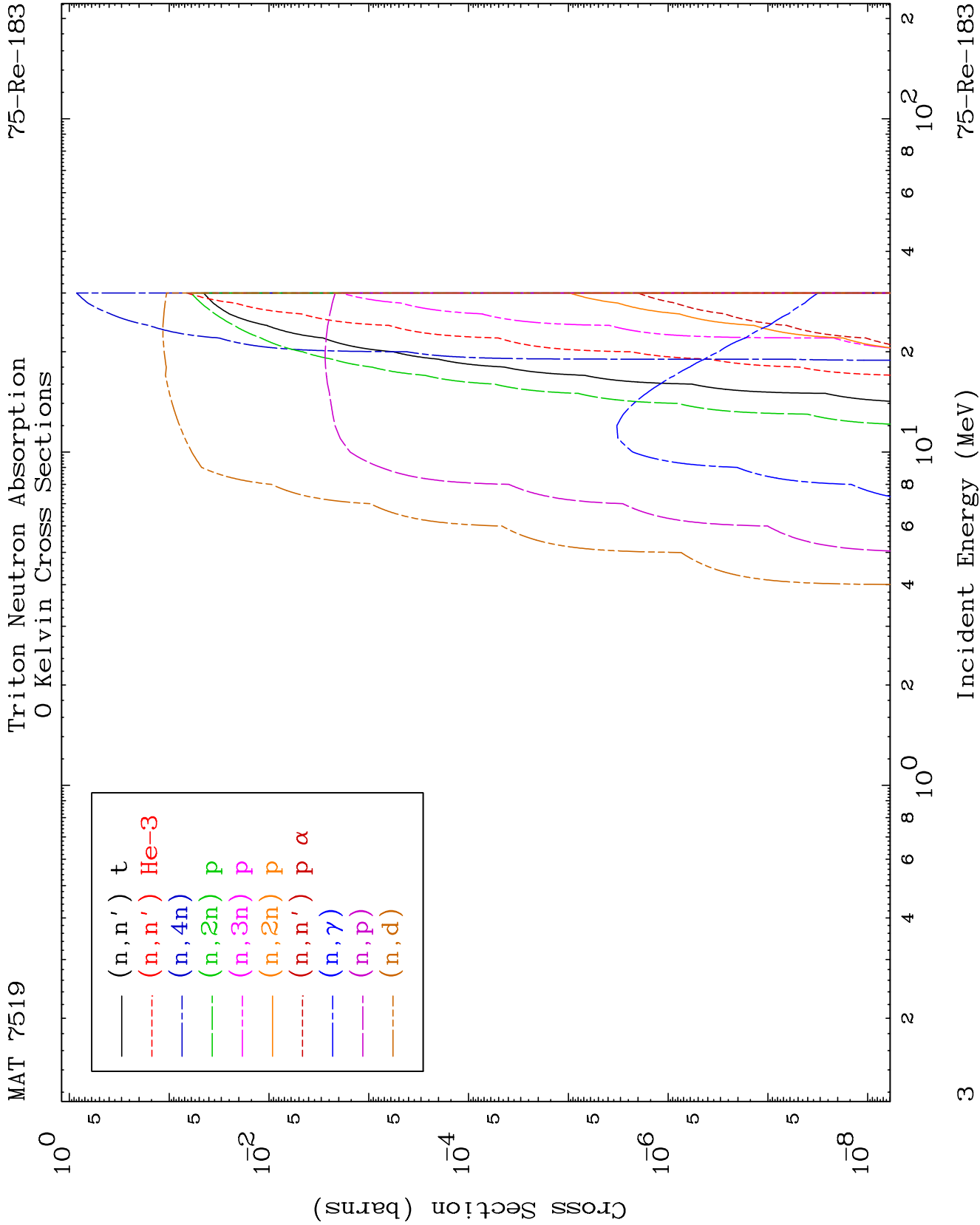
Tele: 925-443-1911

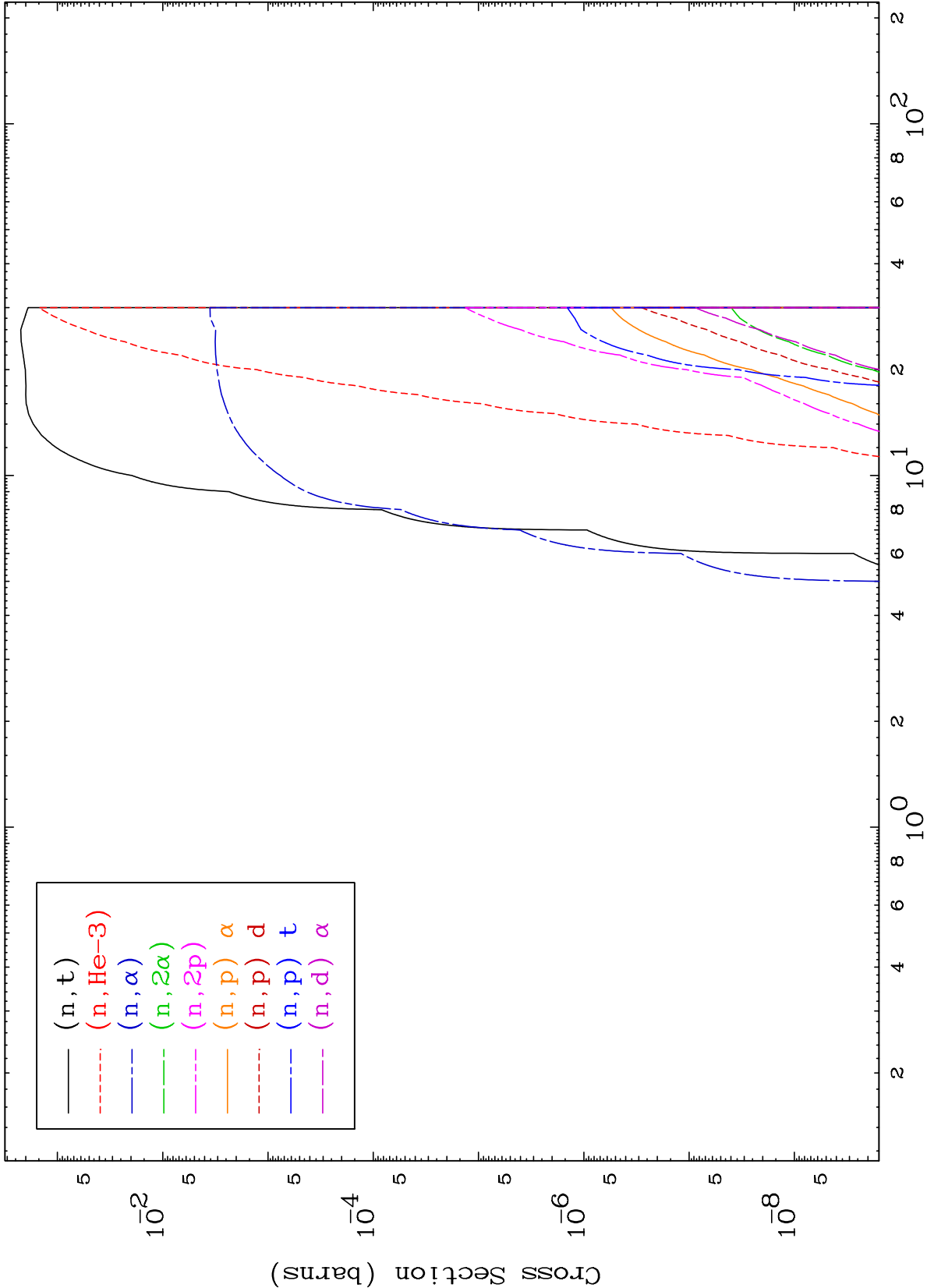
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

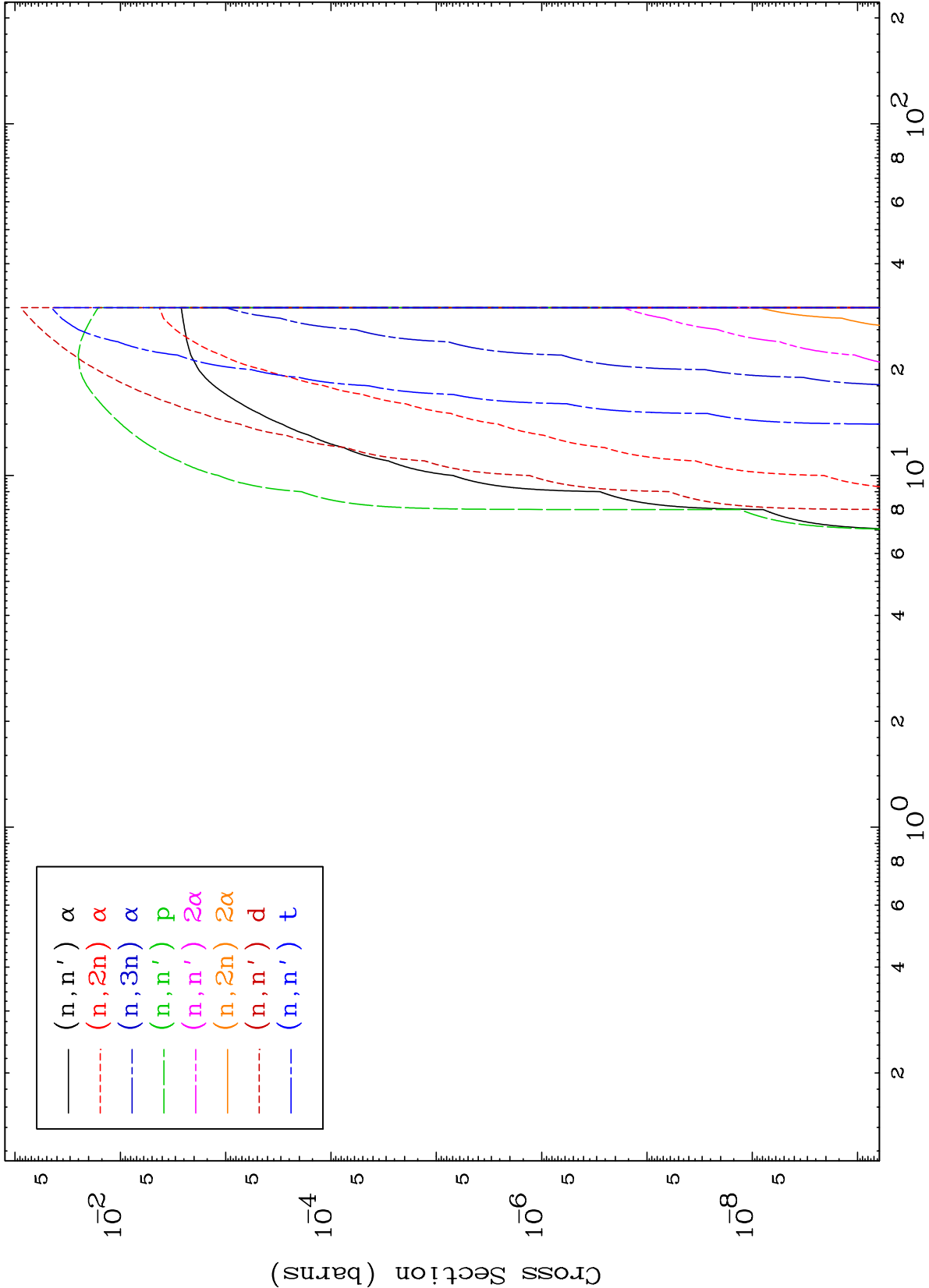
Press Mouse Button to Start

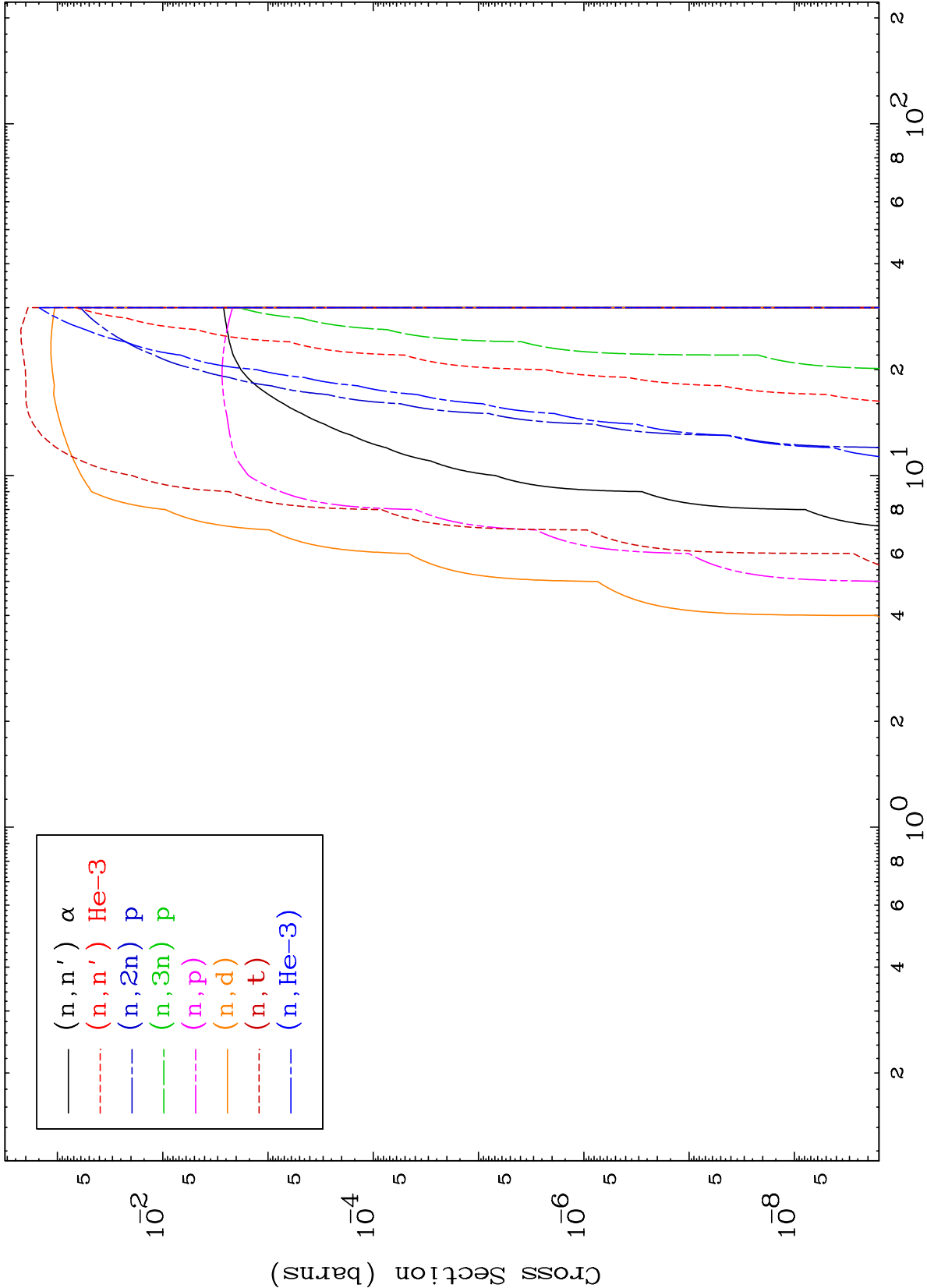


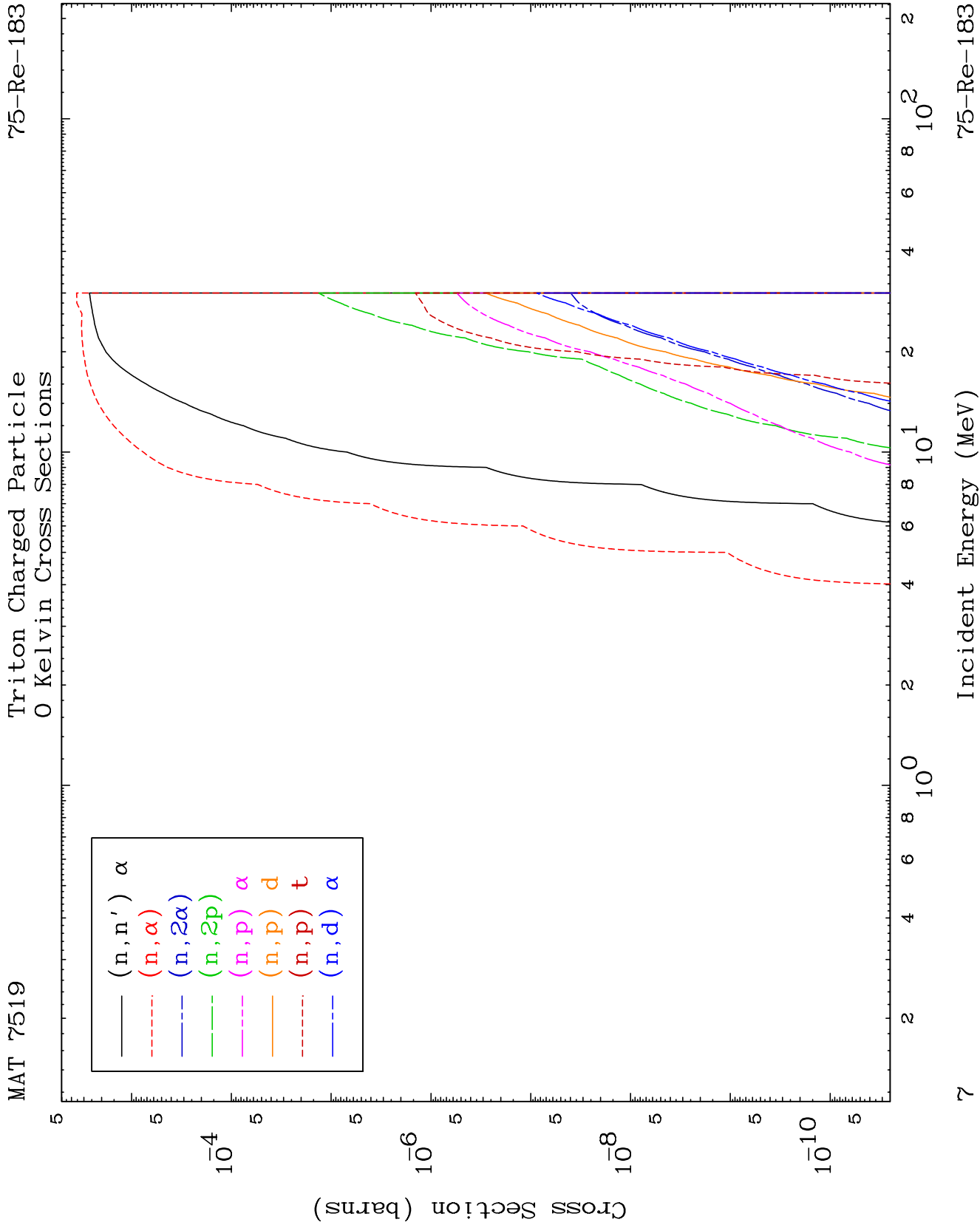








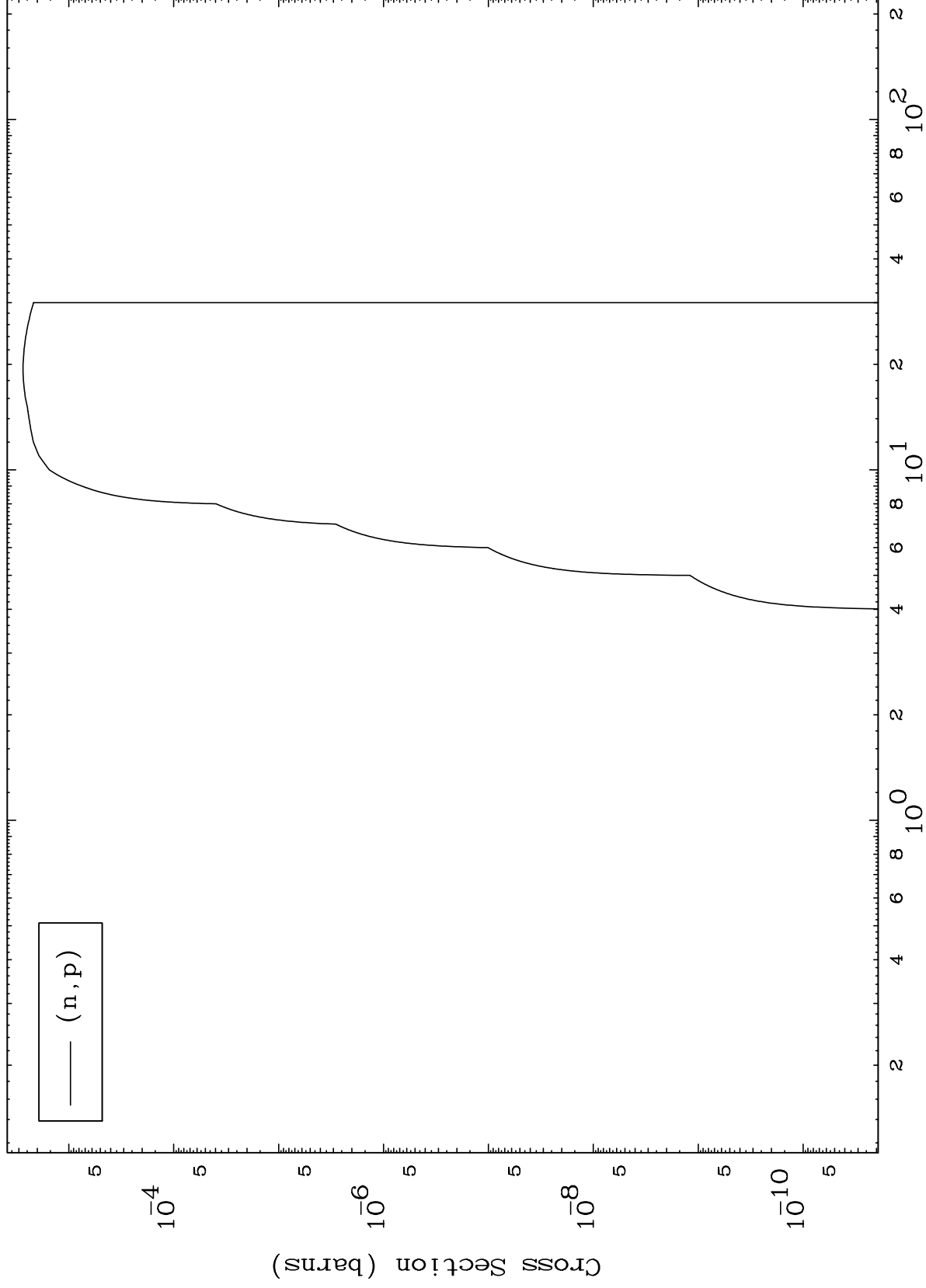




MAT 7519

75-Re-183

(t,p) Levels
0 Kelvin Cross Sections



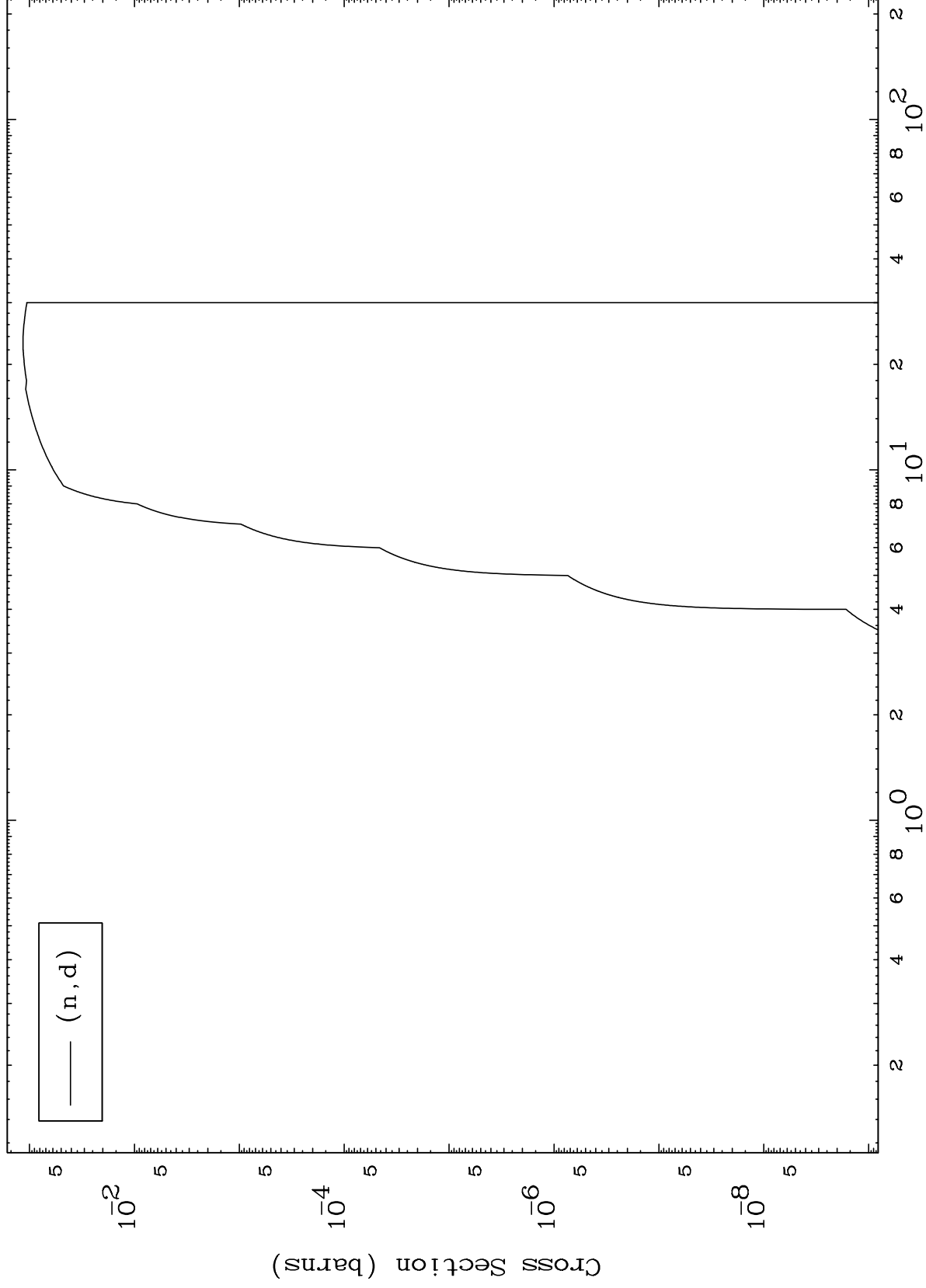
8

75-Re-183

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75-Re-183

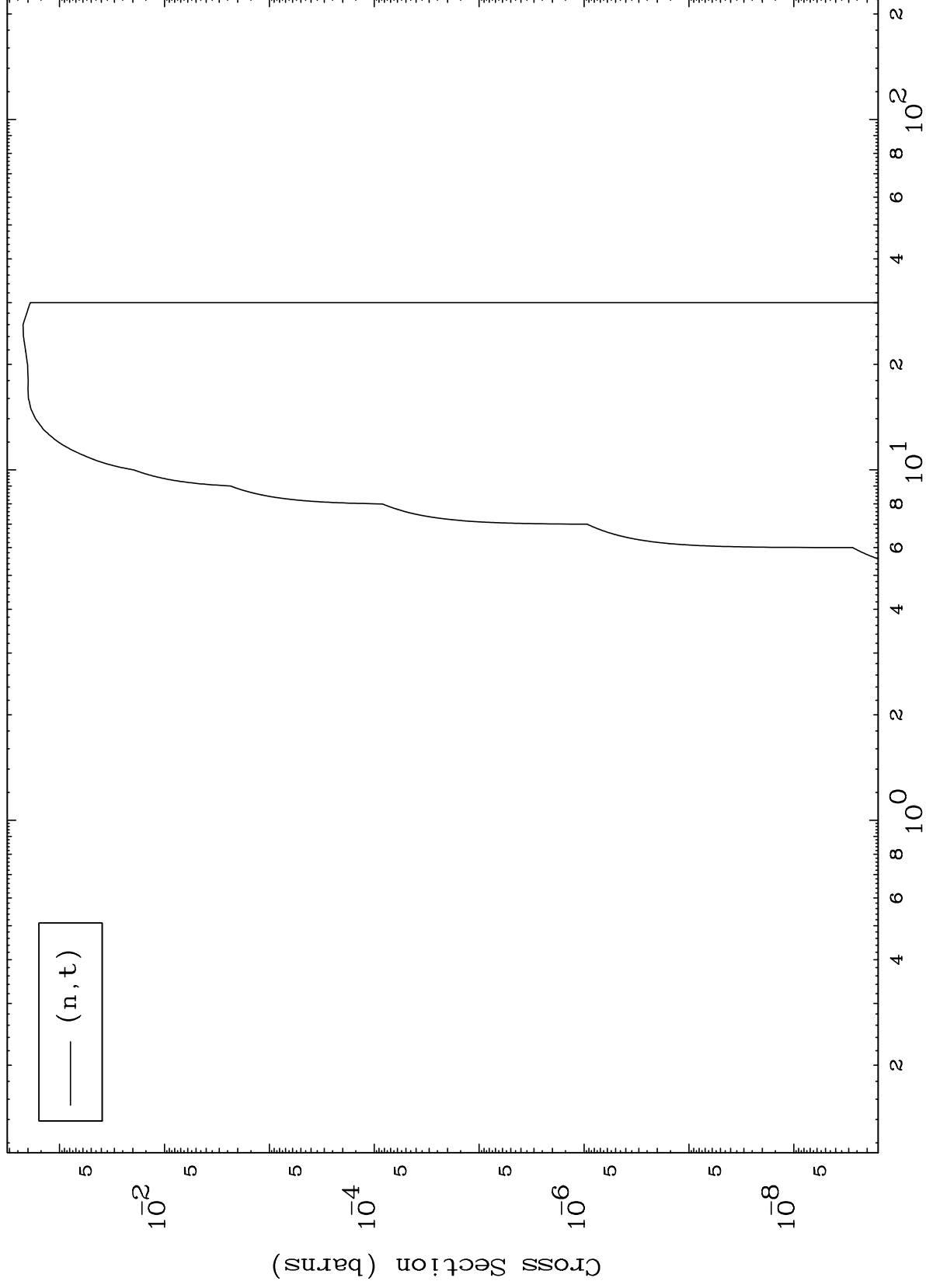
(t,d) Levels
0 Kelvin Cross Sections



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(t,t) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

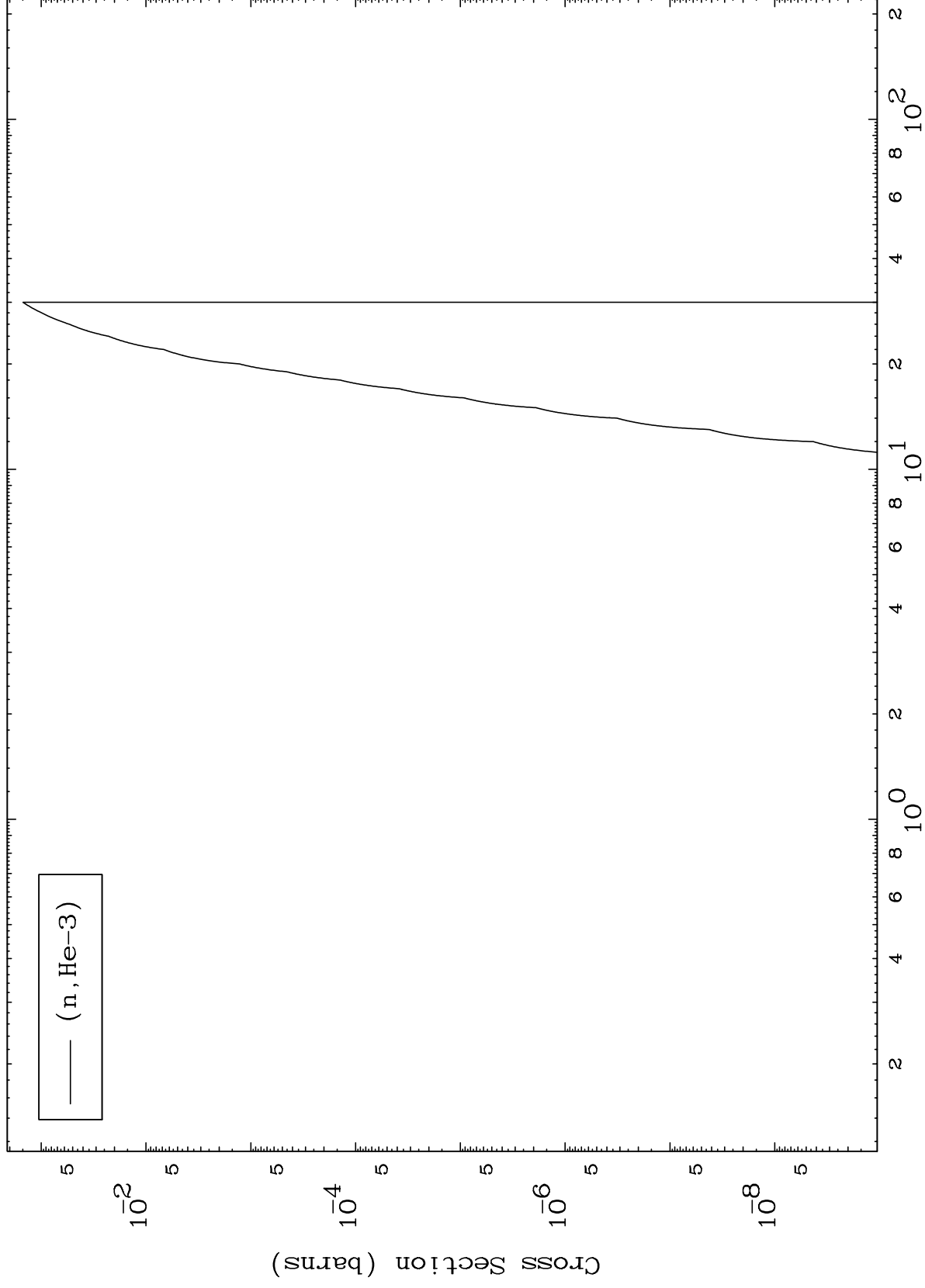
75-Re-183

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(t,He3) Levels

75-Re-183

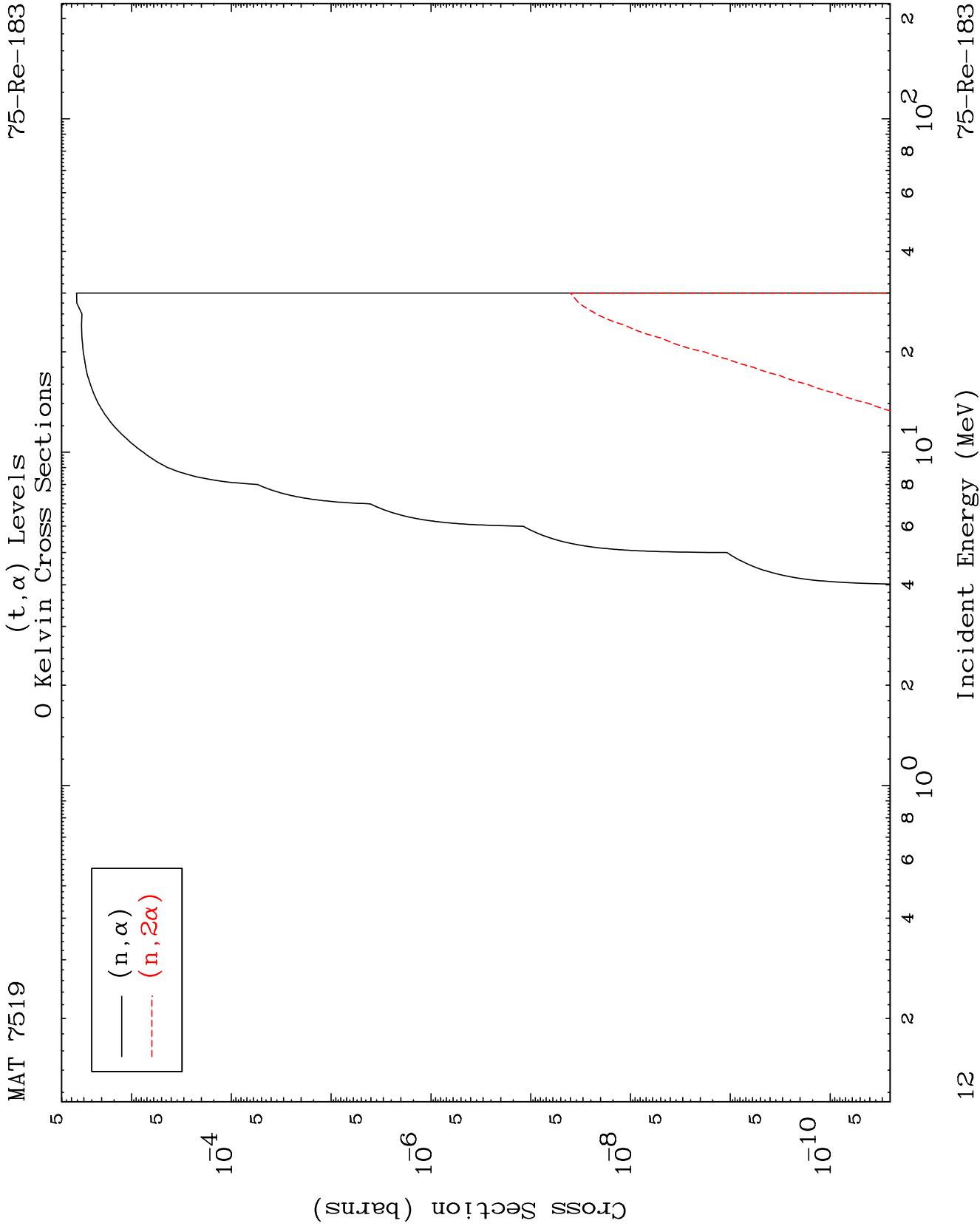
0 Kelvin Cross Sections



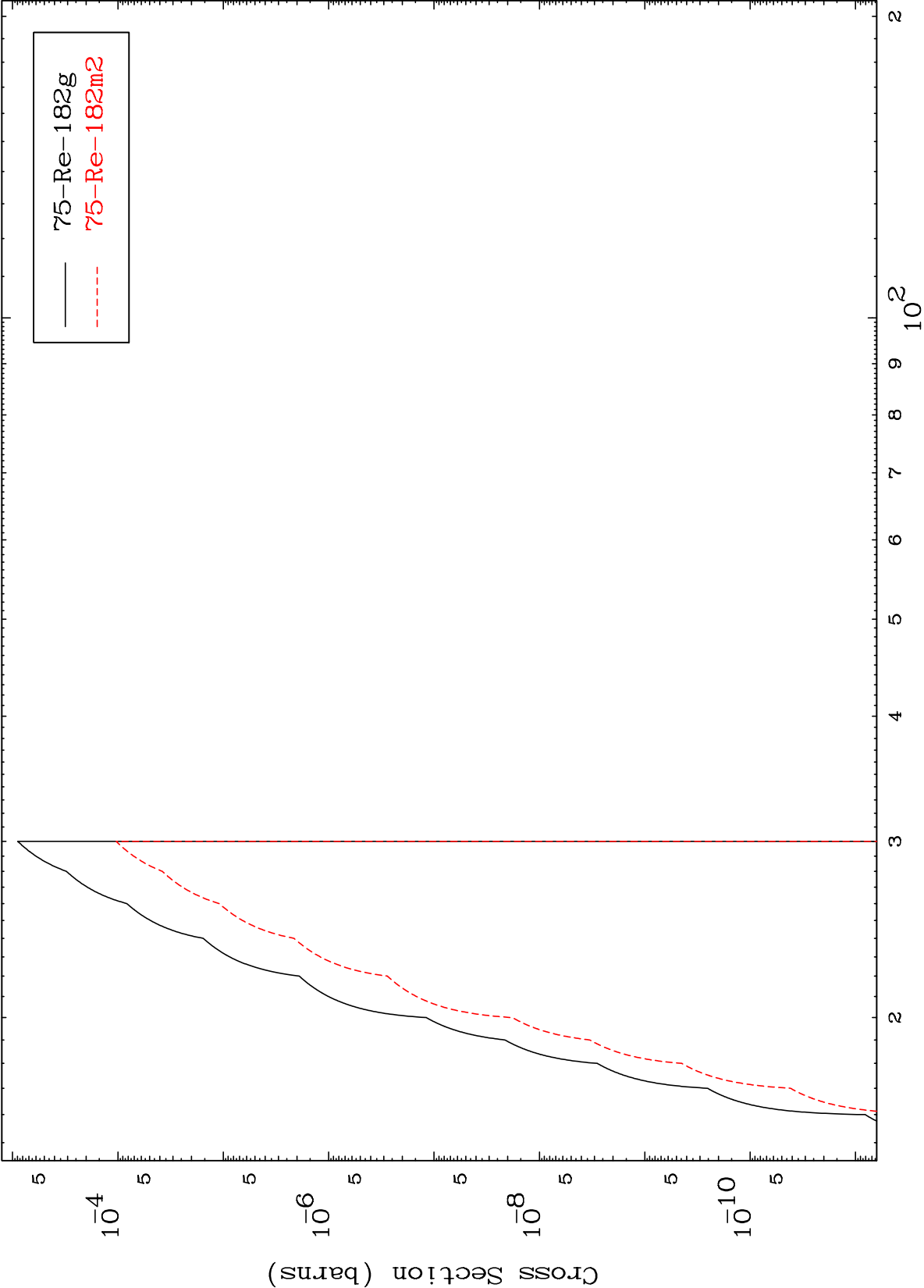
11

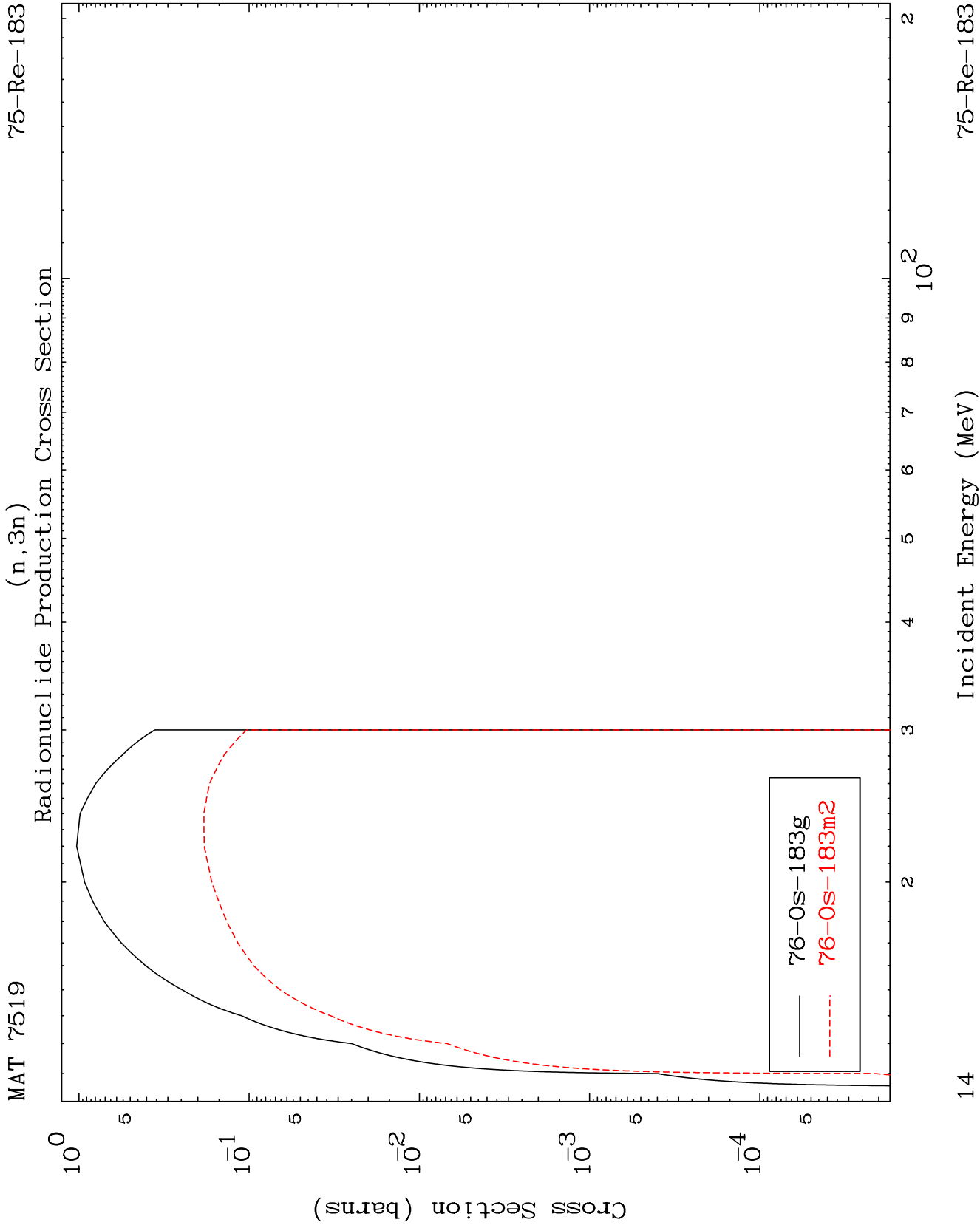
Incident Energy (MeV)

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Radionuclide Production Cross Section



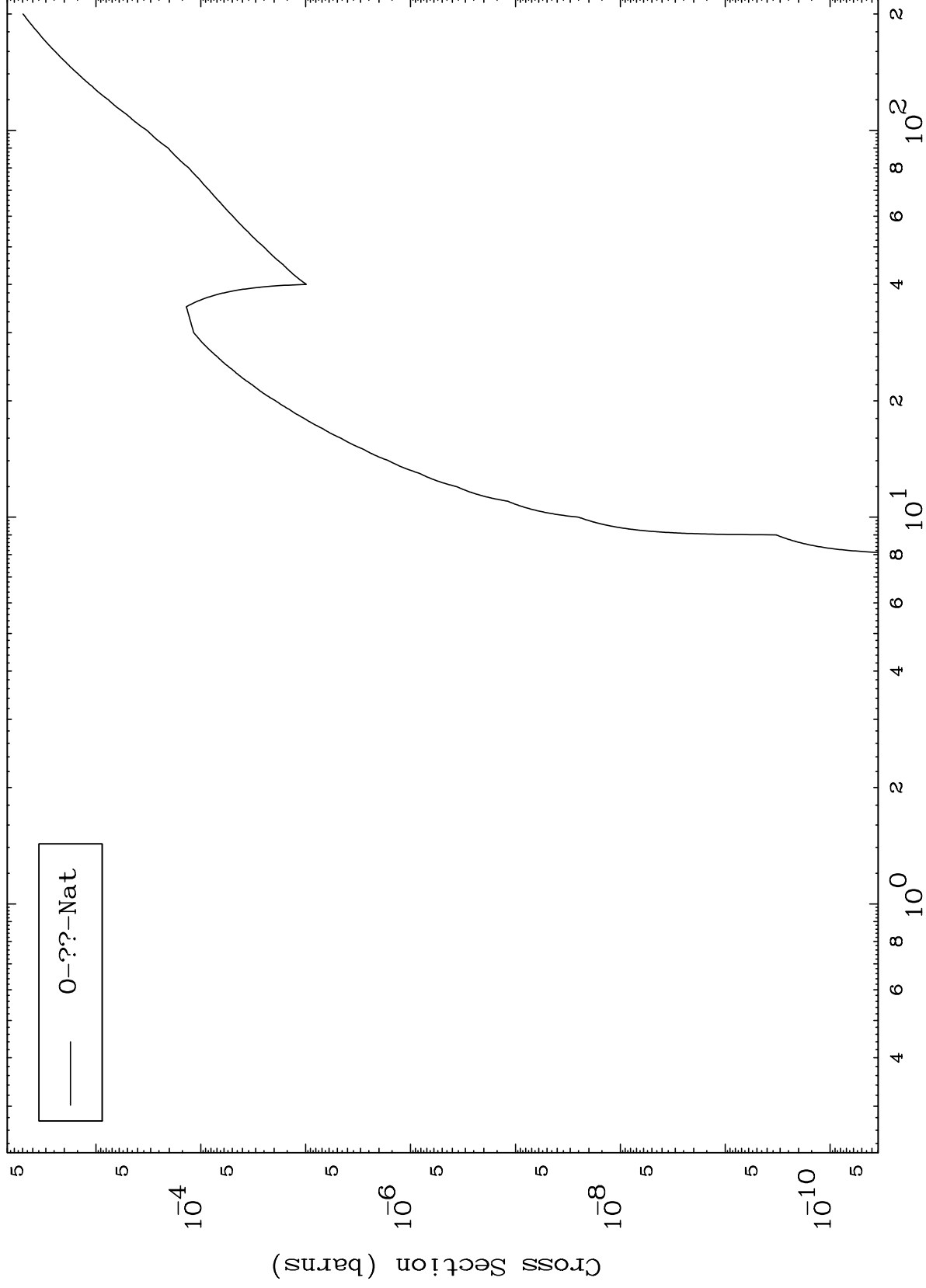


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Fission

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Radionuclide Production Cross Section



15

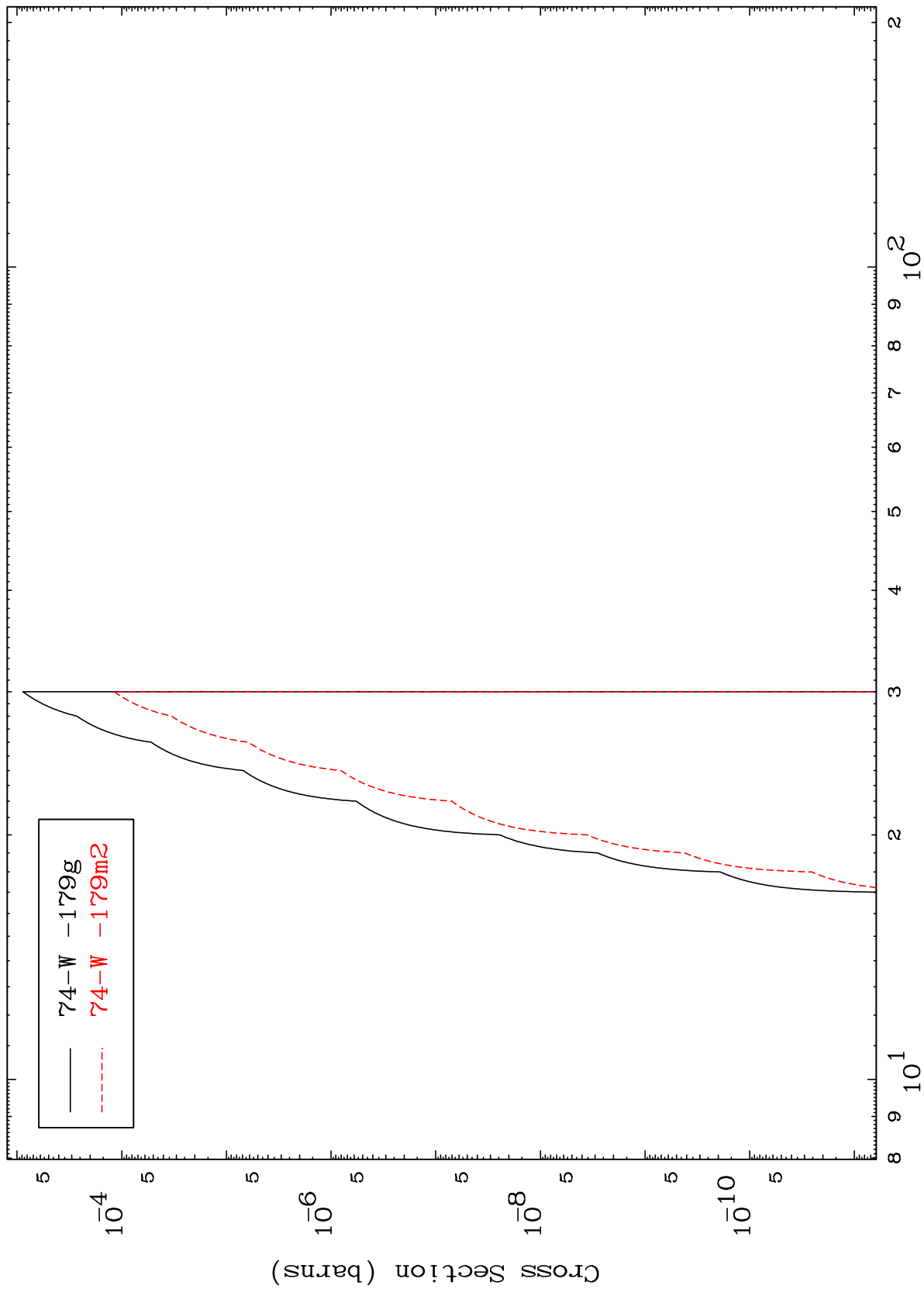
Incident Energy (MeV)

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75-Re-183

(n,3n) α
Radionuclide Production Cross Section



75-Re-183

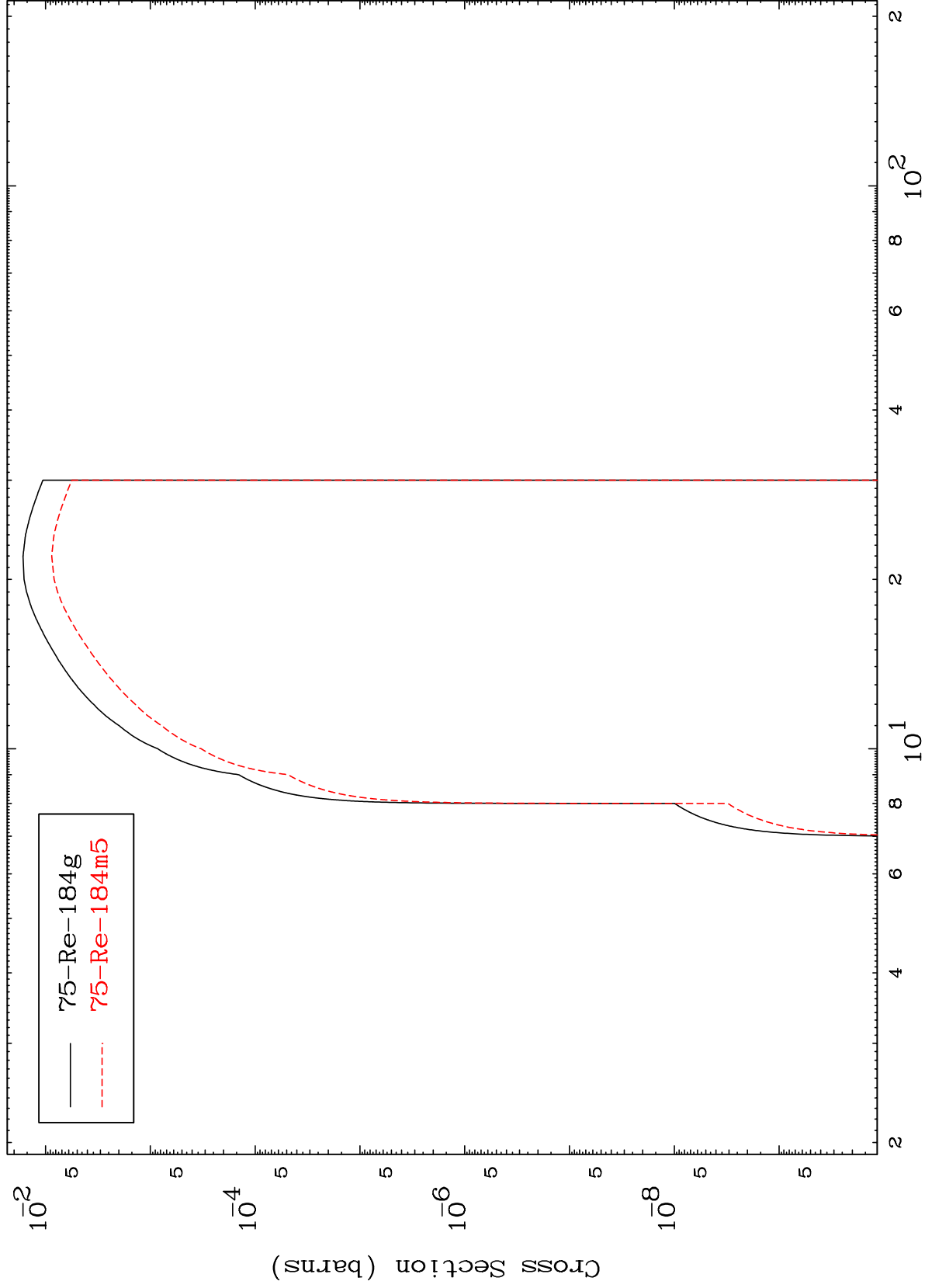
Incident Energy (MeV)

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75-Re-183

(n,n') p
Radionuclide Production Cross Section



75-Re-183

Incident Energy (MeV)

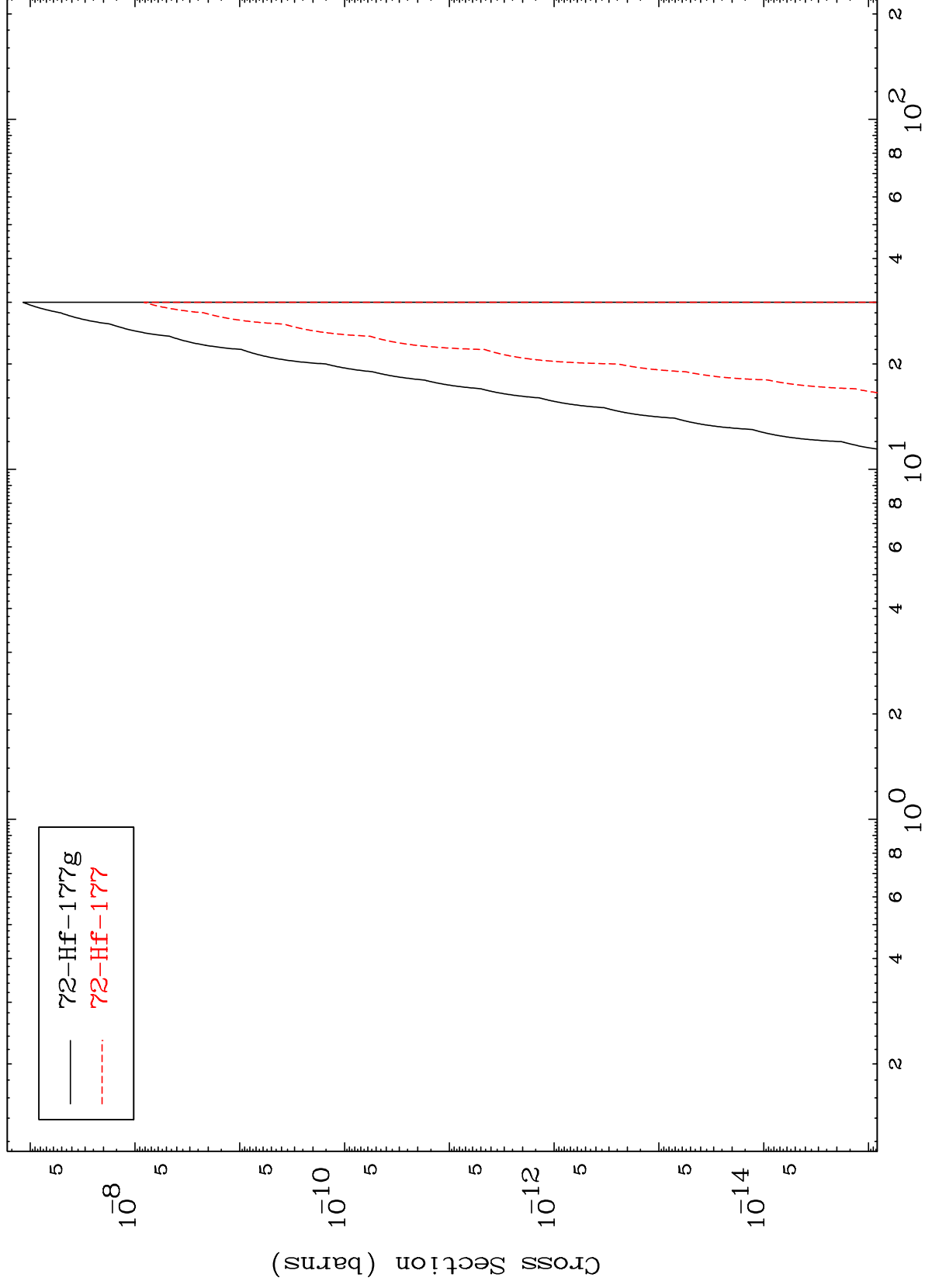
17

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(n,n') 2 α

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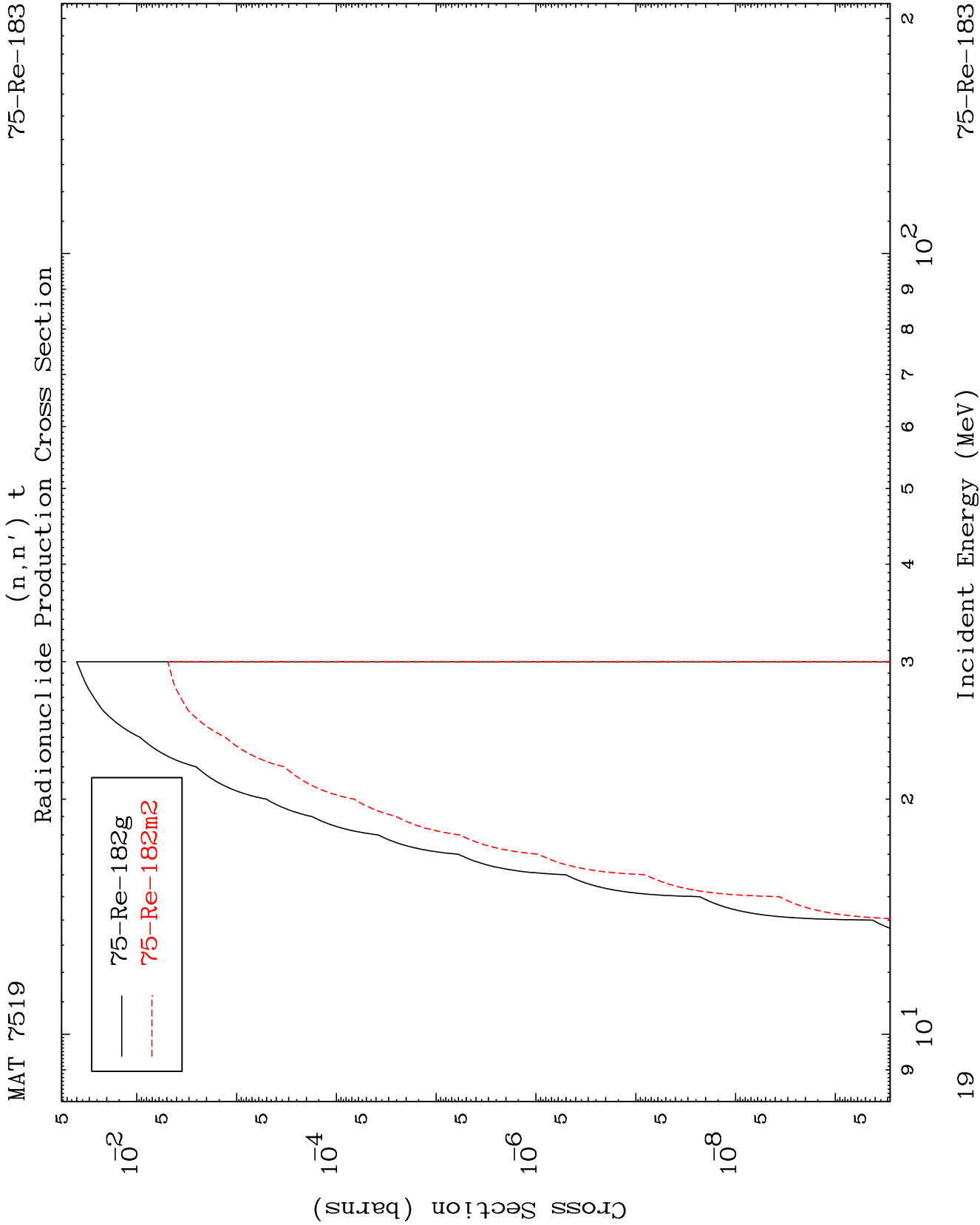
Radionuclide Production Cross Section



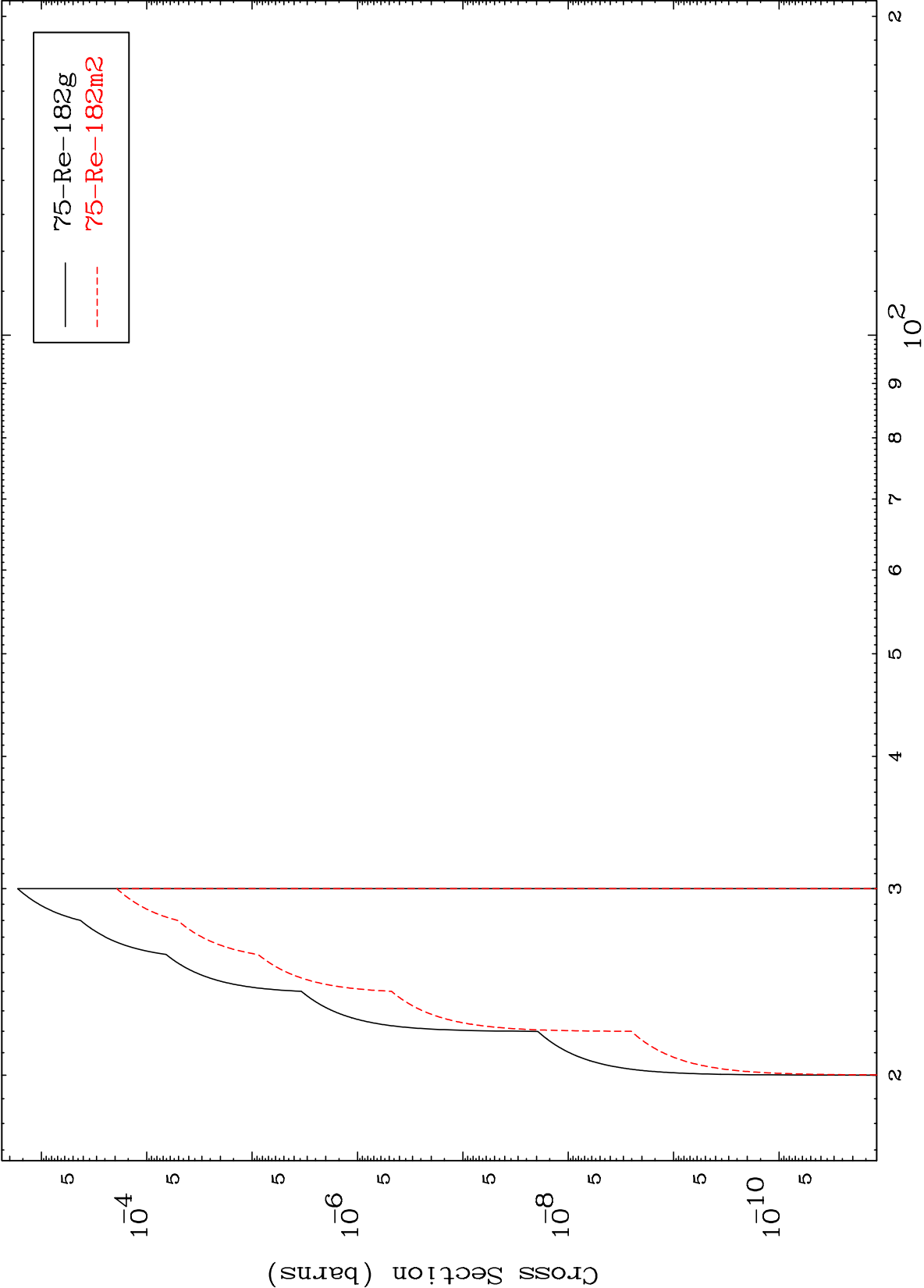
18

Incident Energy (MeV)

75-Re-183



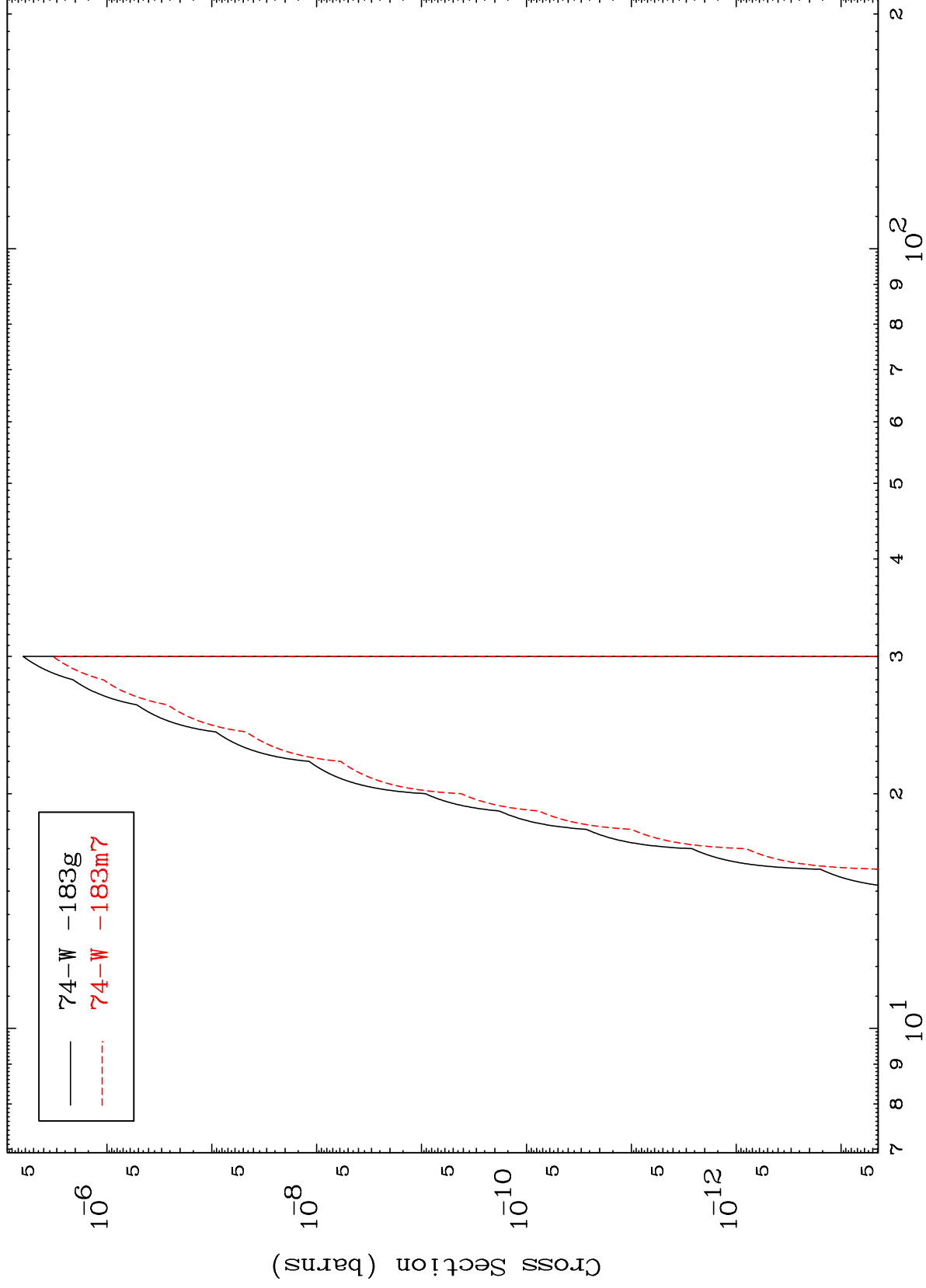
Radionuclide Production Cross Section



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(n,2n) p
Radionuclide Production Cross Section



21

Incident Energy (MeV)

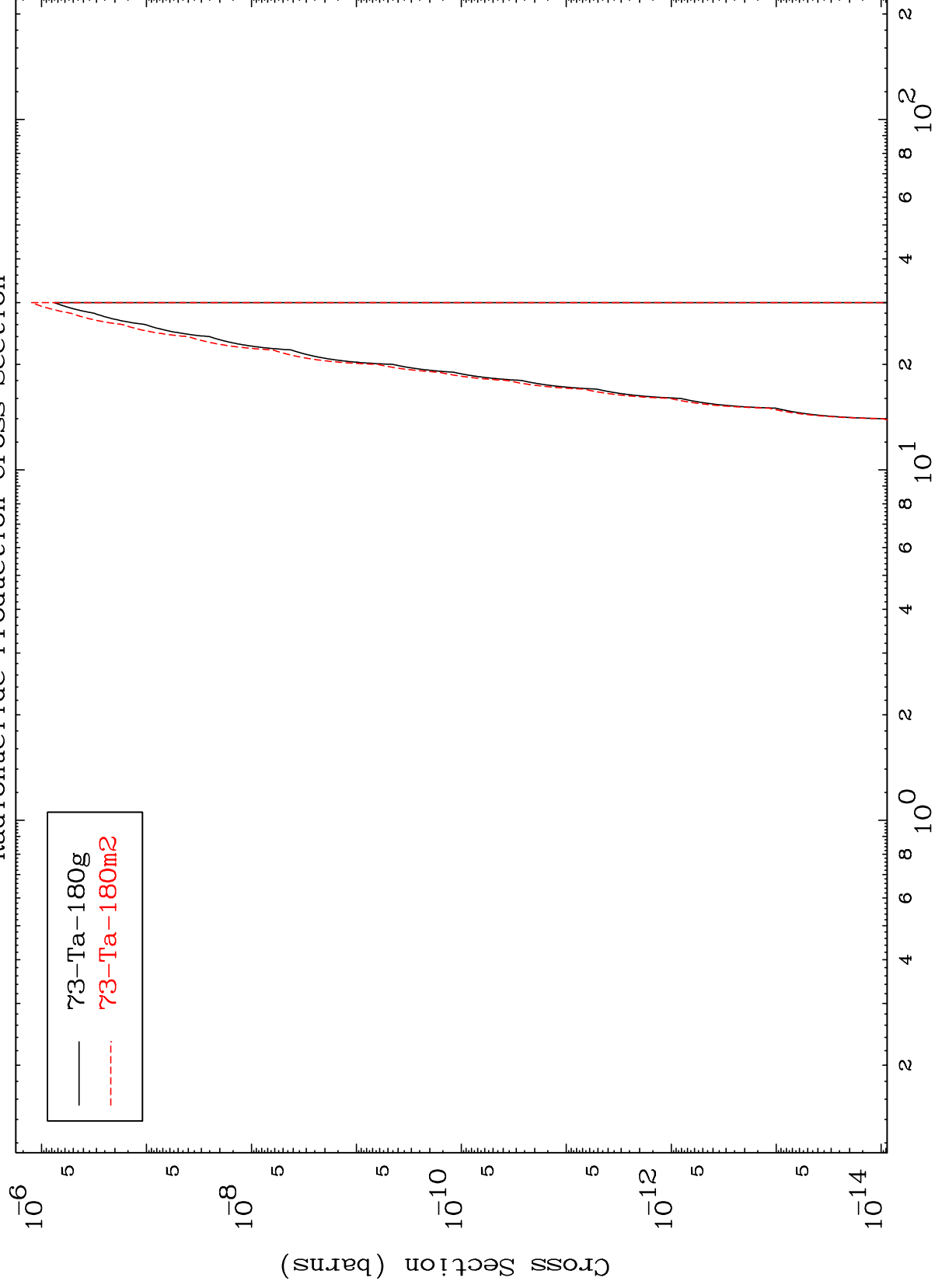
75-Re-183

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(n,n') p α

75-Re-183

Radionuclide Production Cross Section



22

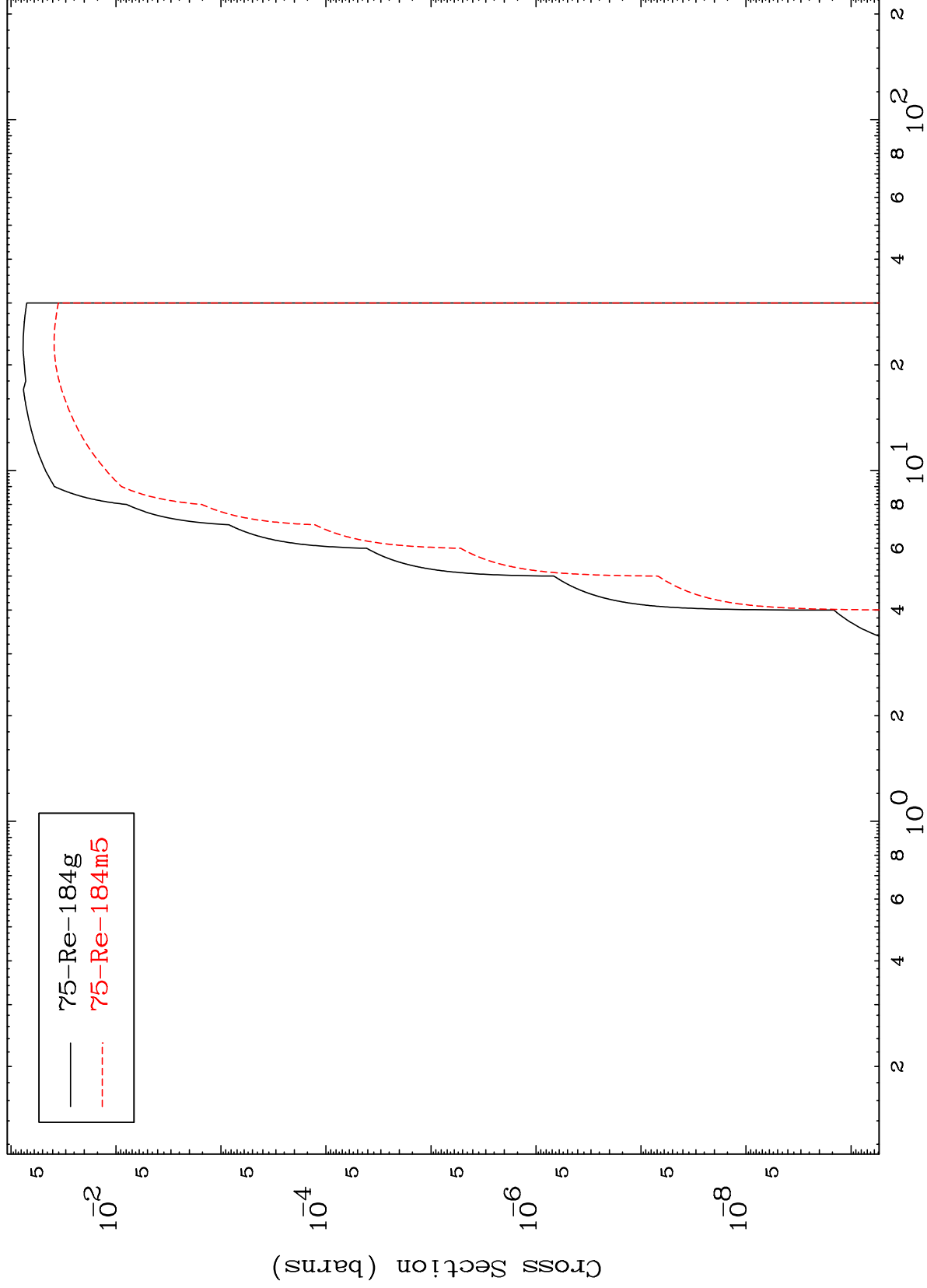
Incident Energy (MeV)

75-Re-183

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(n,d)
Radionuclide Production Cross Section



23

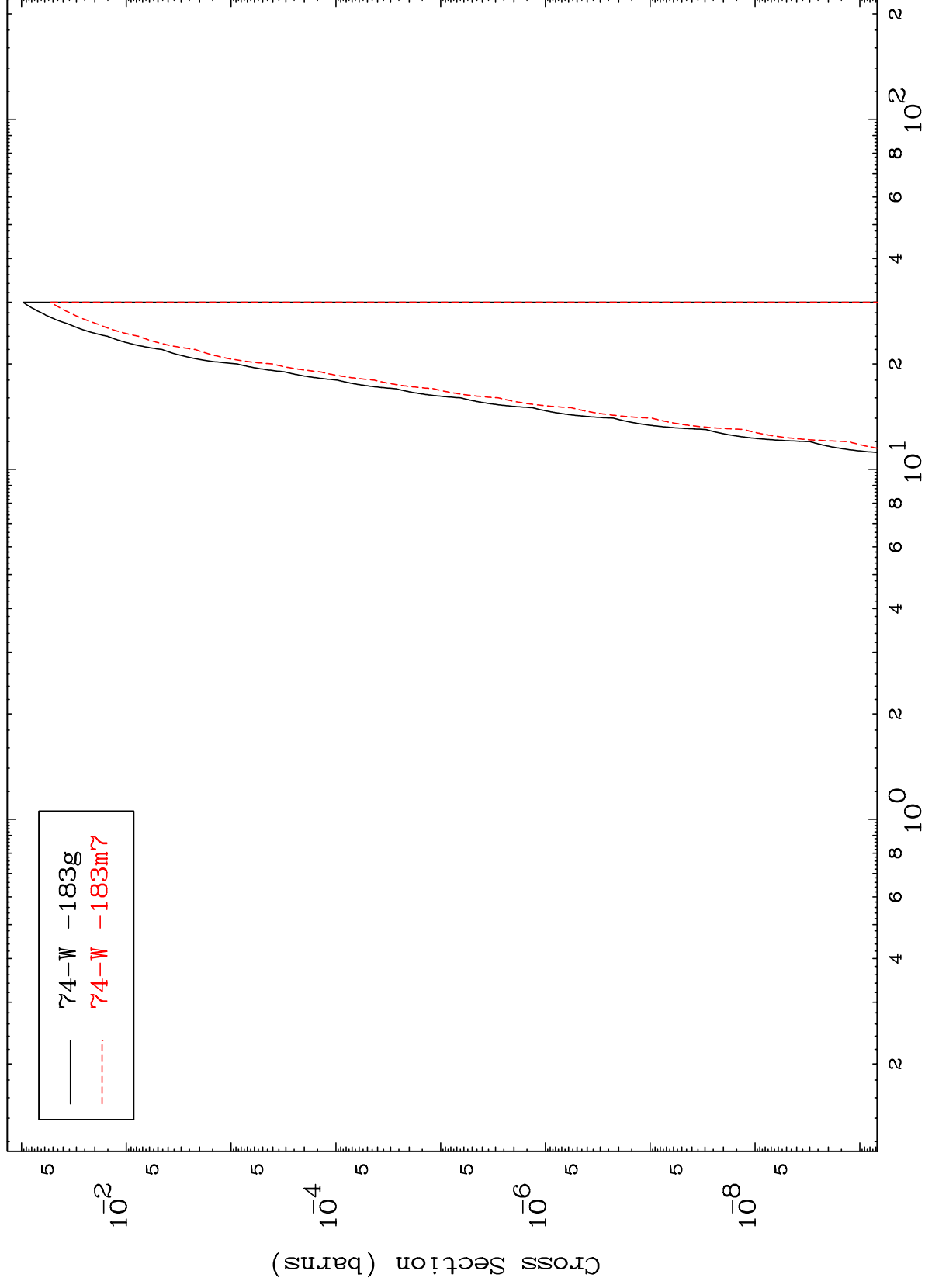
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(n,He-3)

75-Re-183

Radionuclide Production Cross Section



24

Incident Energy (MeV)

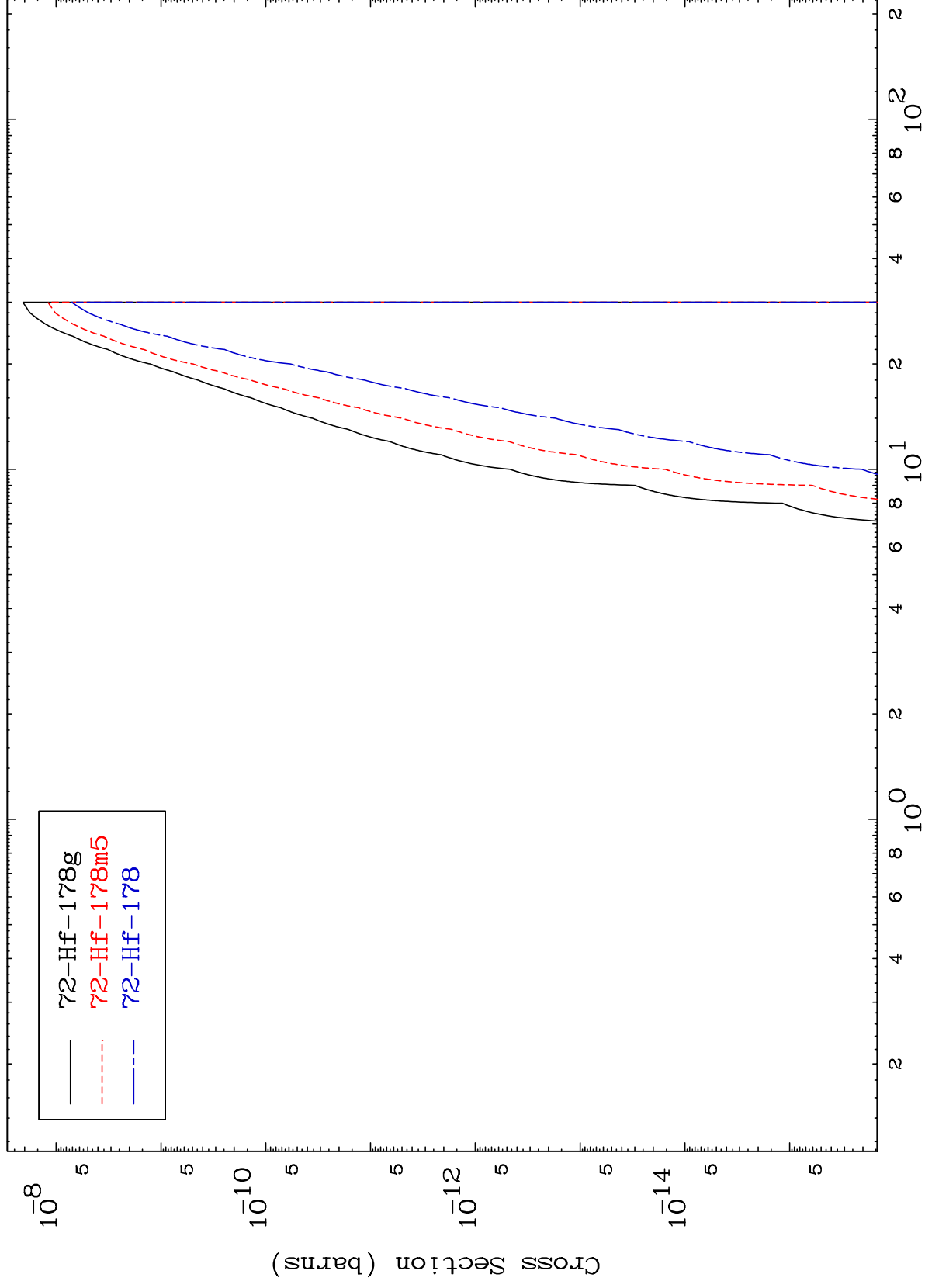
75-Re-183

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(n,2α)

75-Re-183

Radionuclide Production Cross Section



25

Incident Energy (MeV)

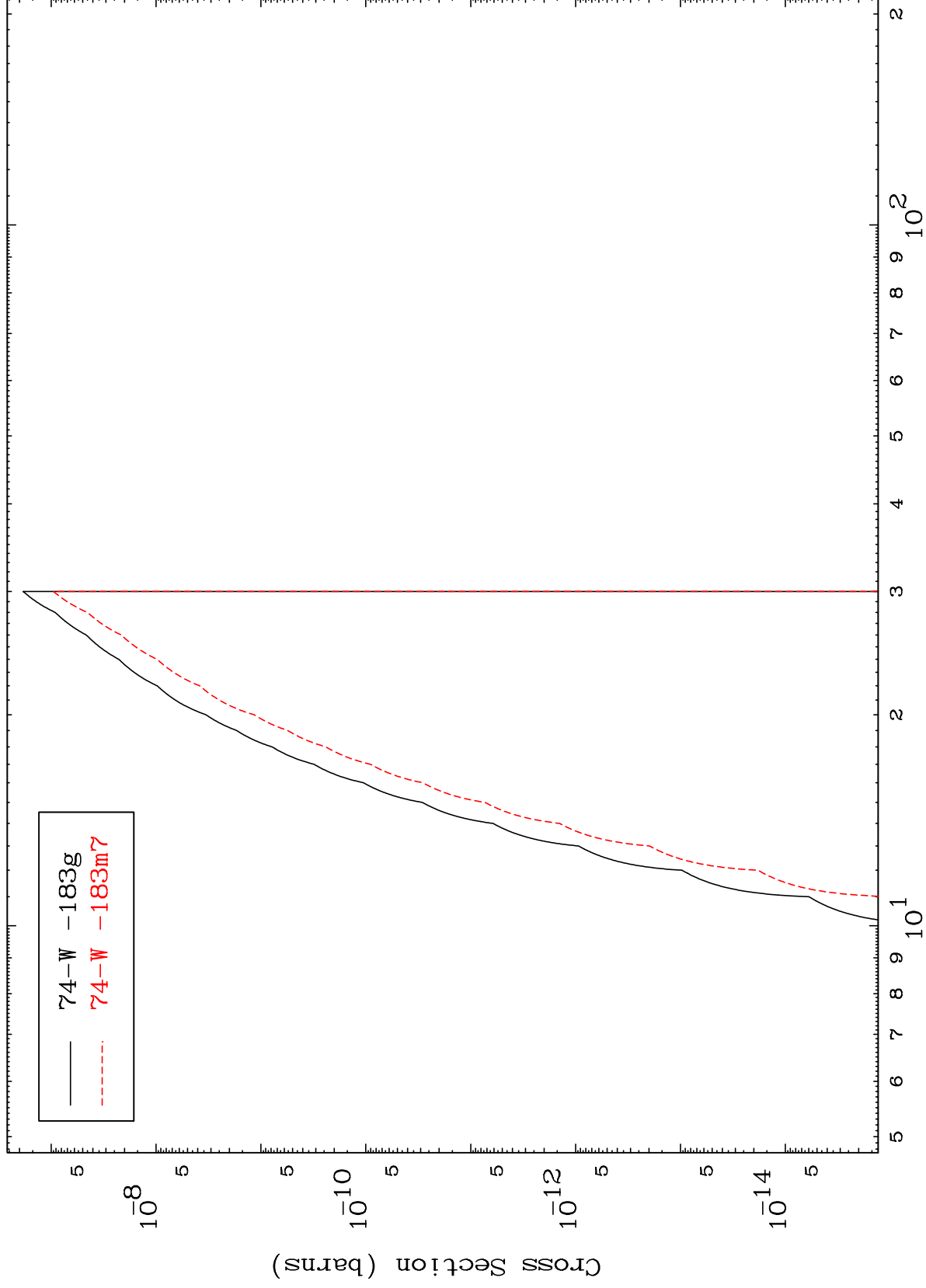
75-Re-183

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(n,p) d

⁷⁵Re-¹⁸³

Radionuclide Production Cross Section



26

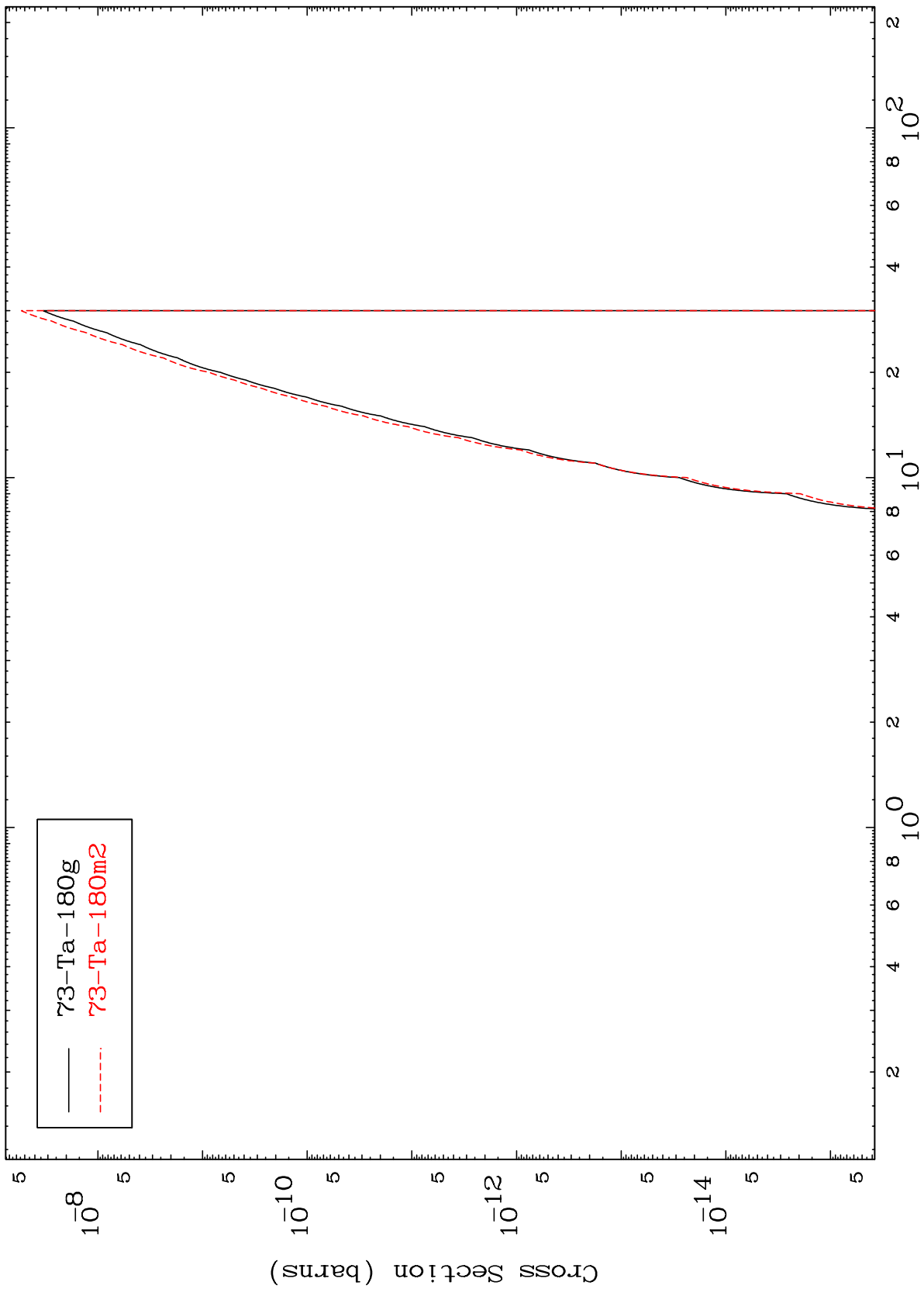
Incident Energy (MeV)

⁷⁵Re-¹⁸³

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75-Re-183

Radionuclide Production Cross Section
(n,d) α



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75-Re-183