

Program EVALPLOT
(Version 2018-1)

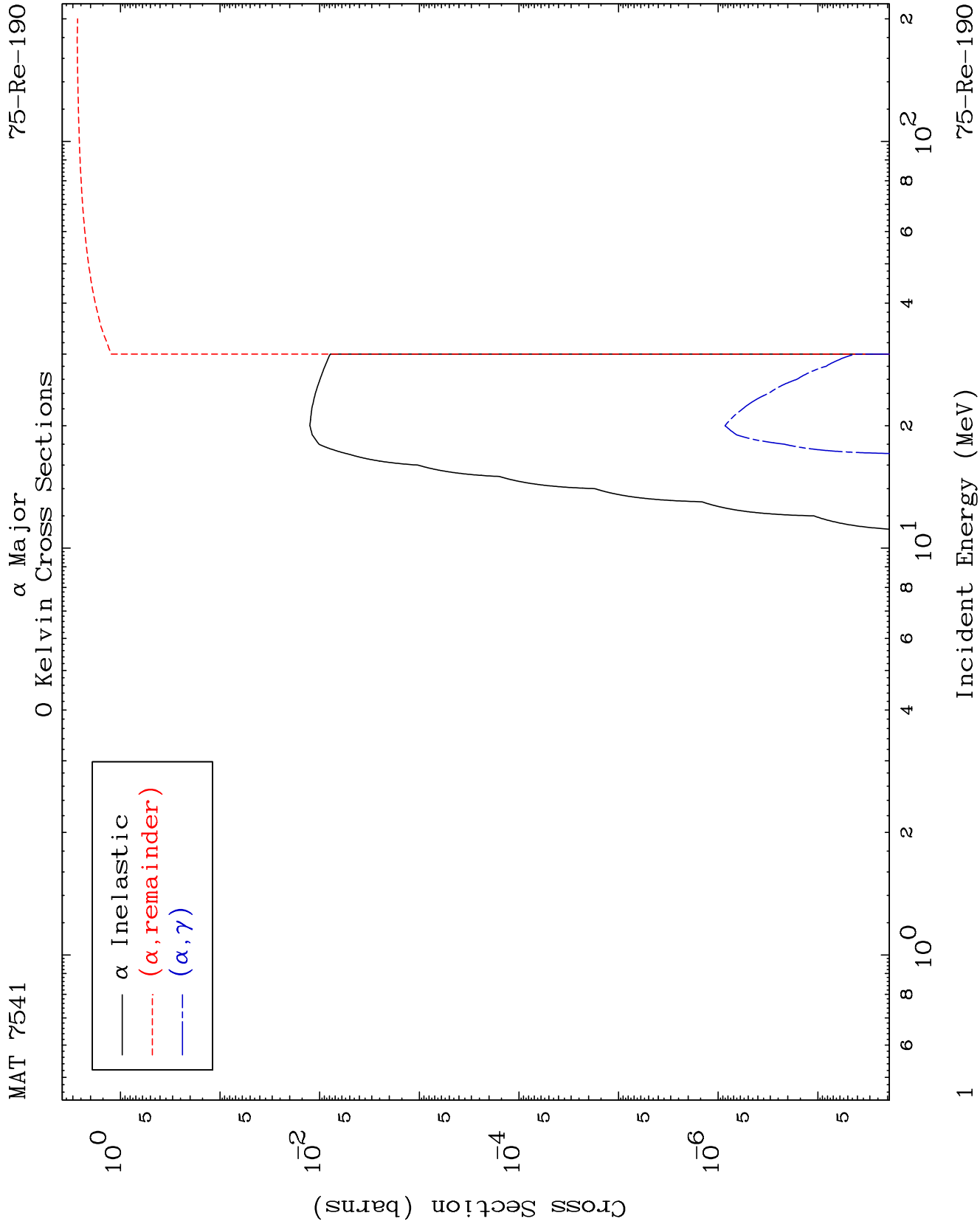
by

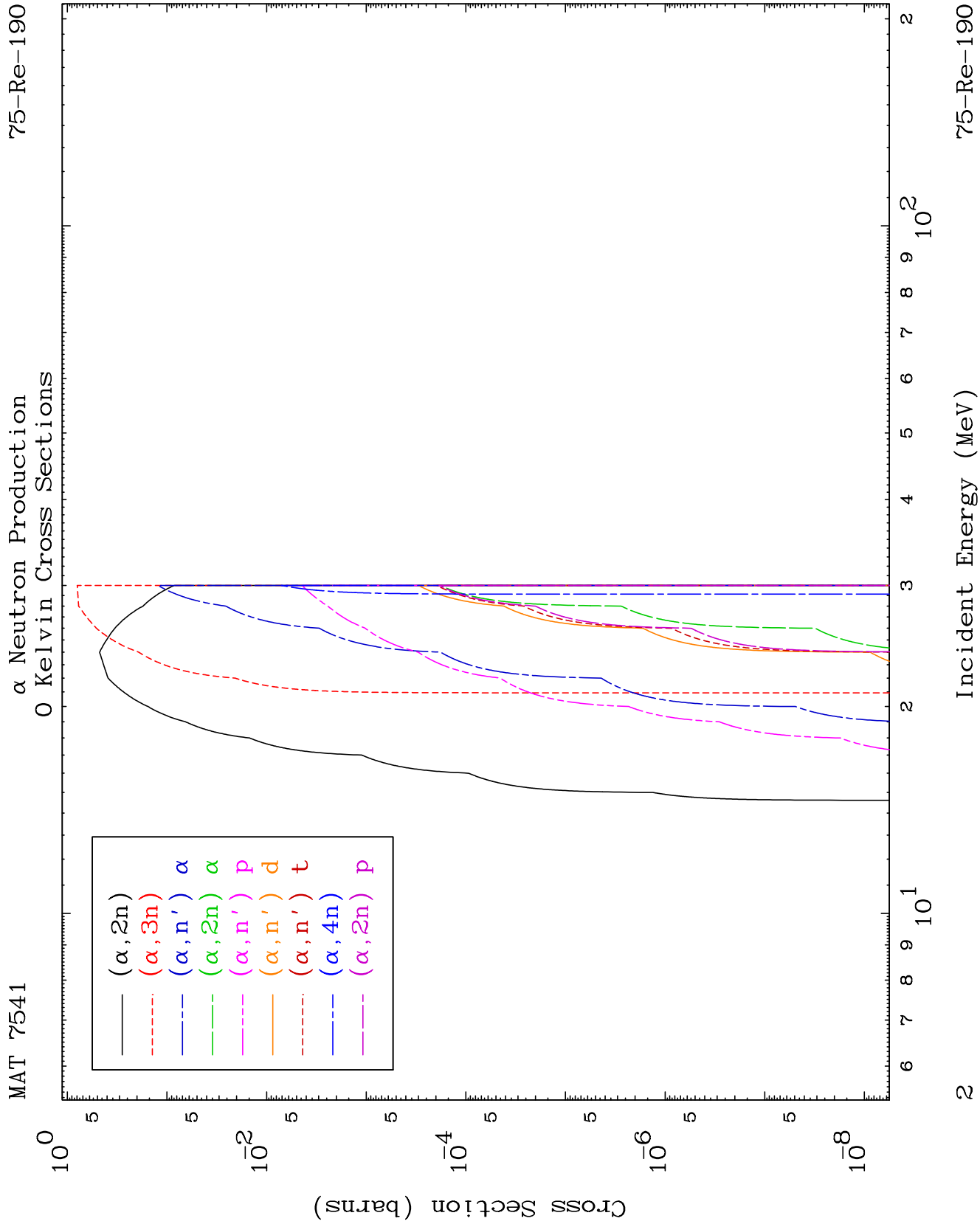
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

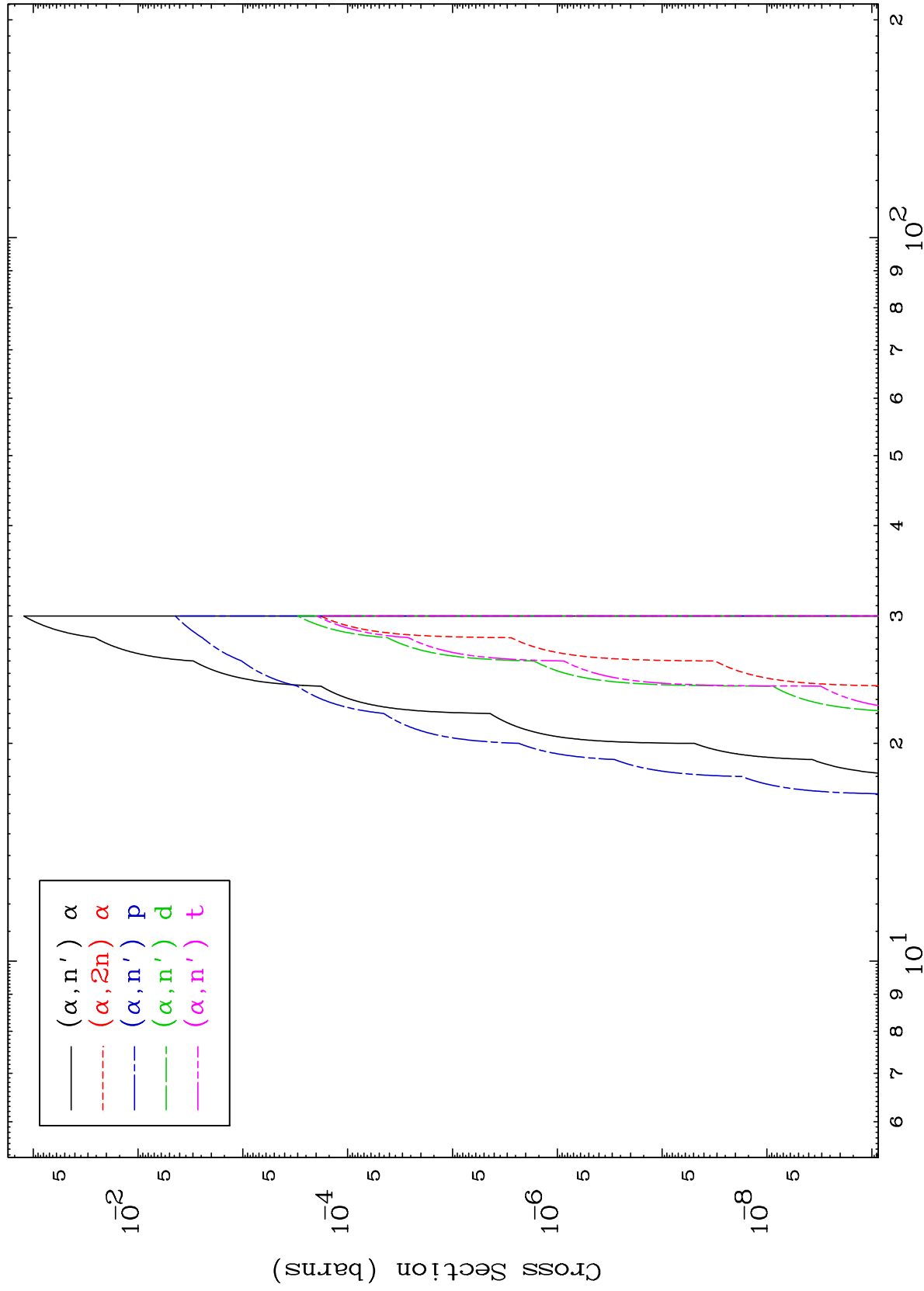
Tele: 925-443-1911

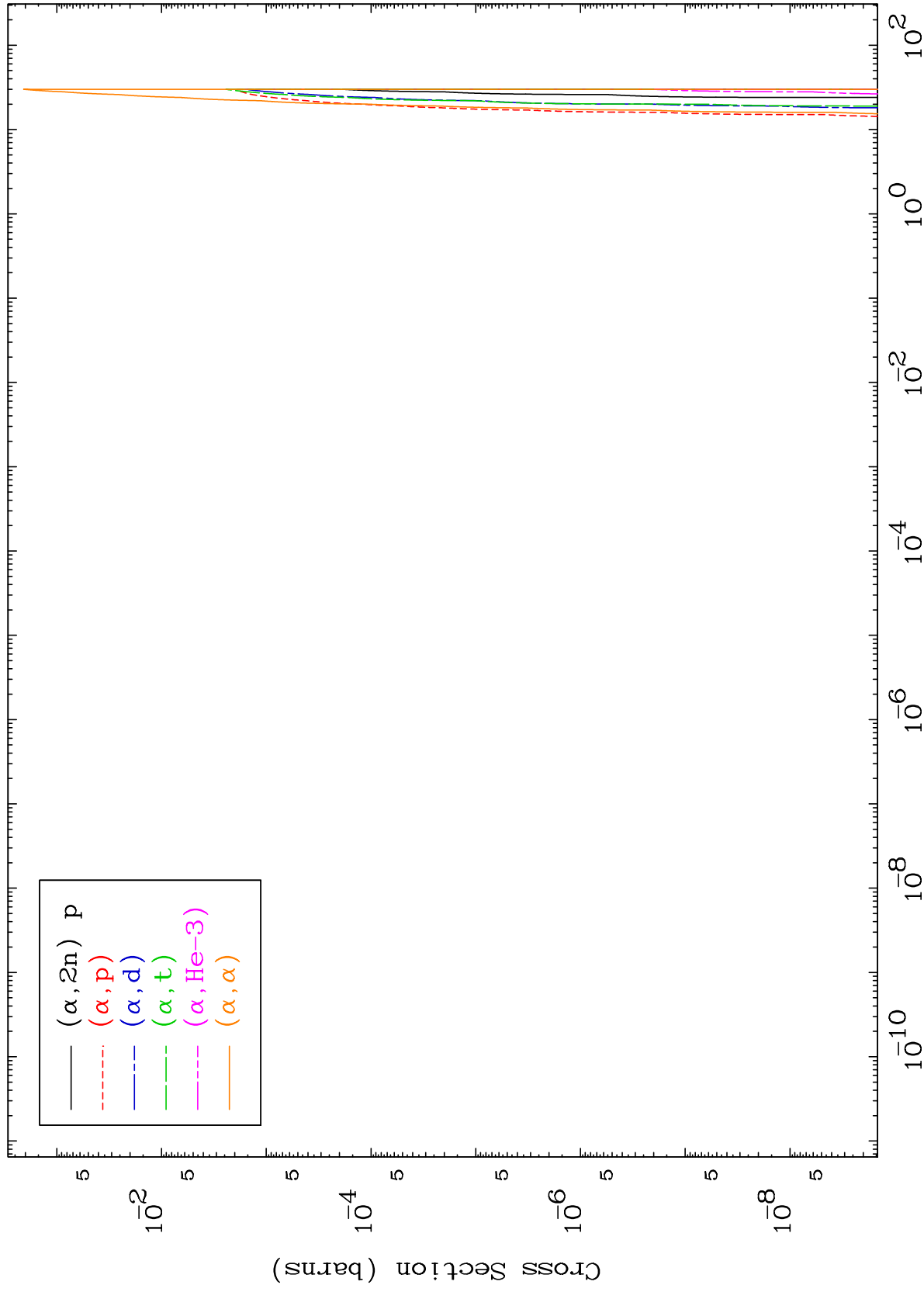
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start







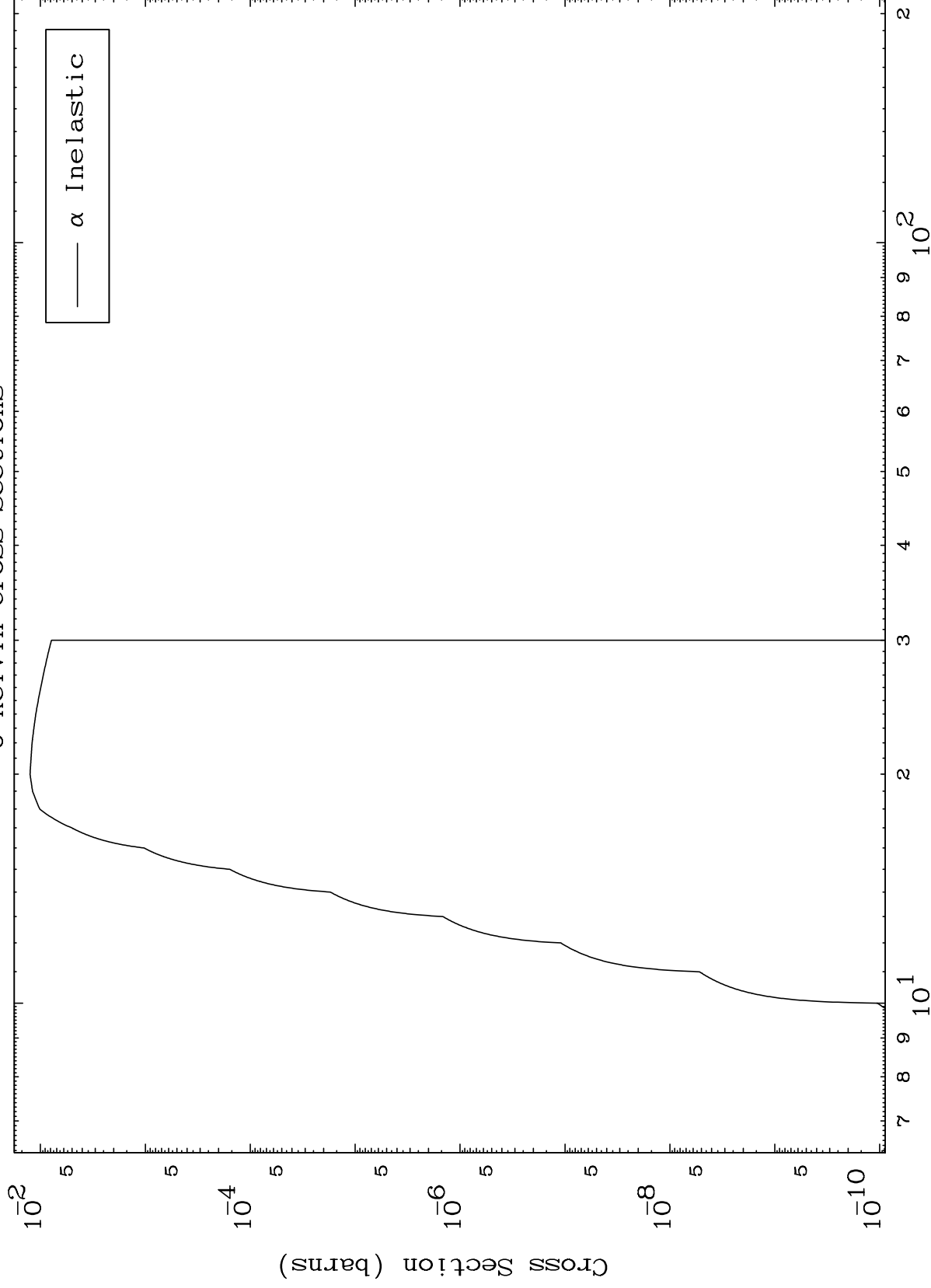


MAT 7541

(α, n') Level

75-Re-190

0 Kelvin Cross Sections



5

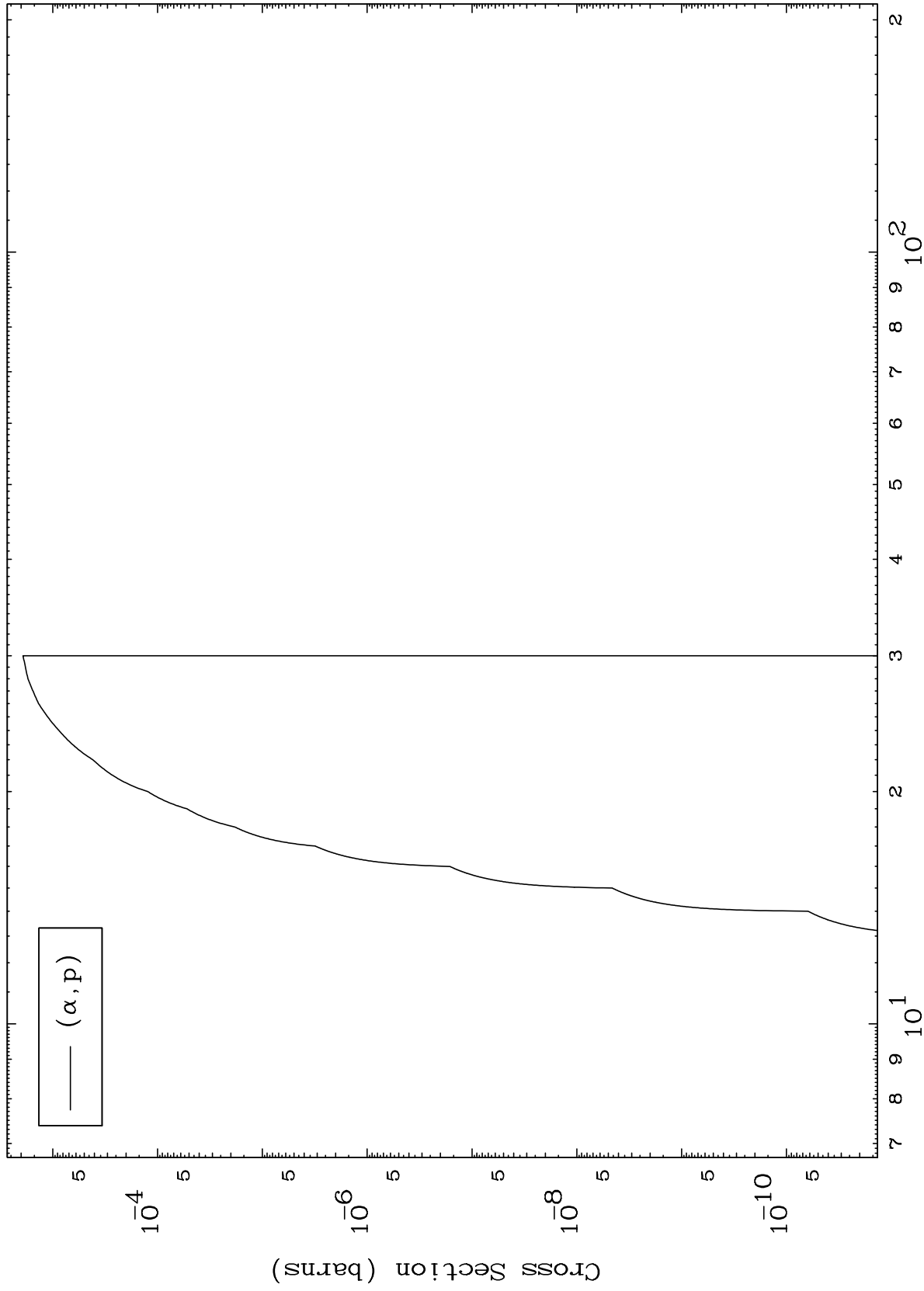
Incident Energy (MeV)

75-Re-190

MAT 7541

75-Re-190

(α ,p) Levels
0 Kelvin Cross Sections



6

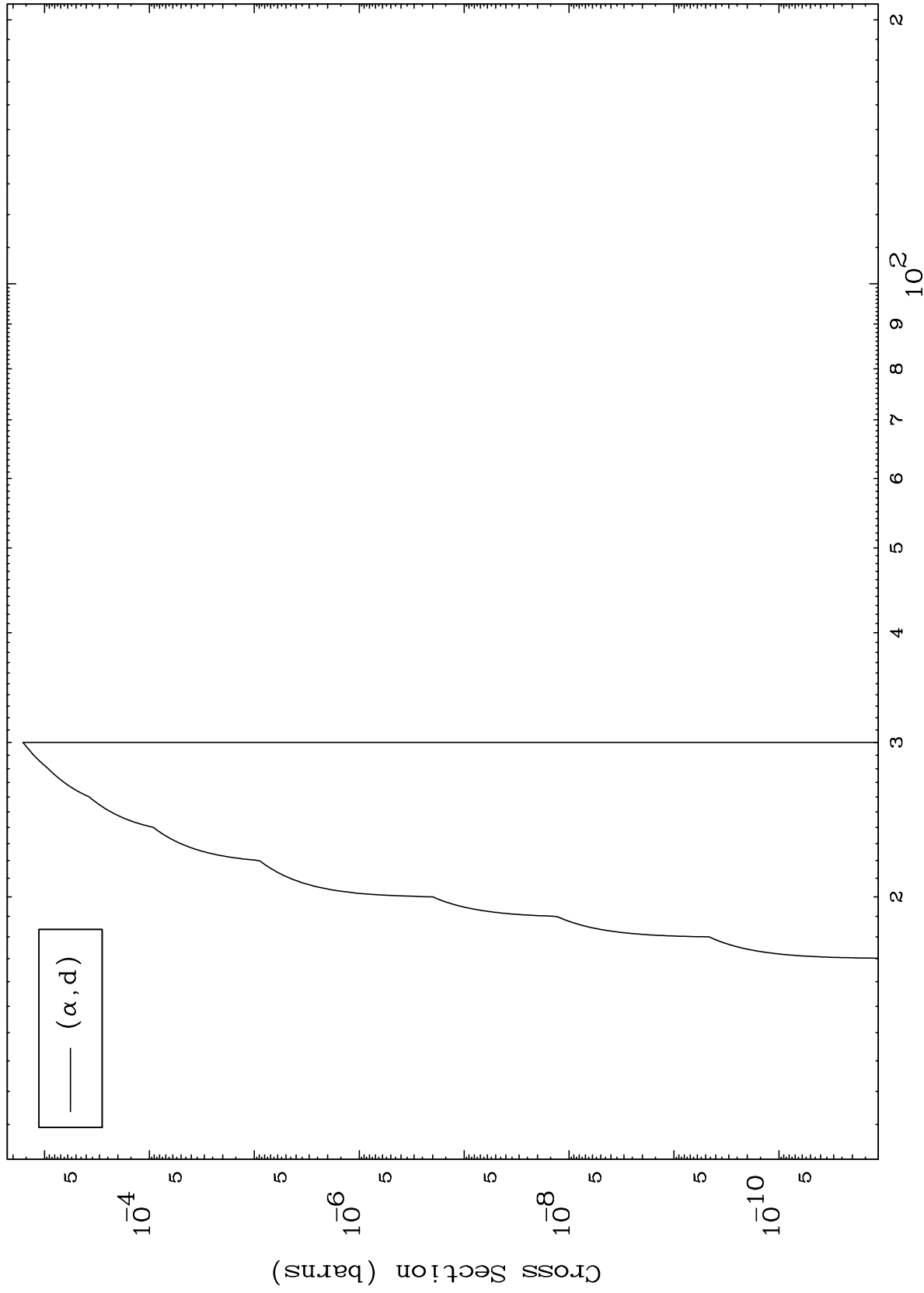
Incident Energy (MeV)

75-Re-190

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75-Re-190

(α, d) Levels
0 Kelvin Cross Sections



7

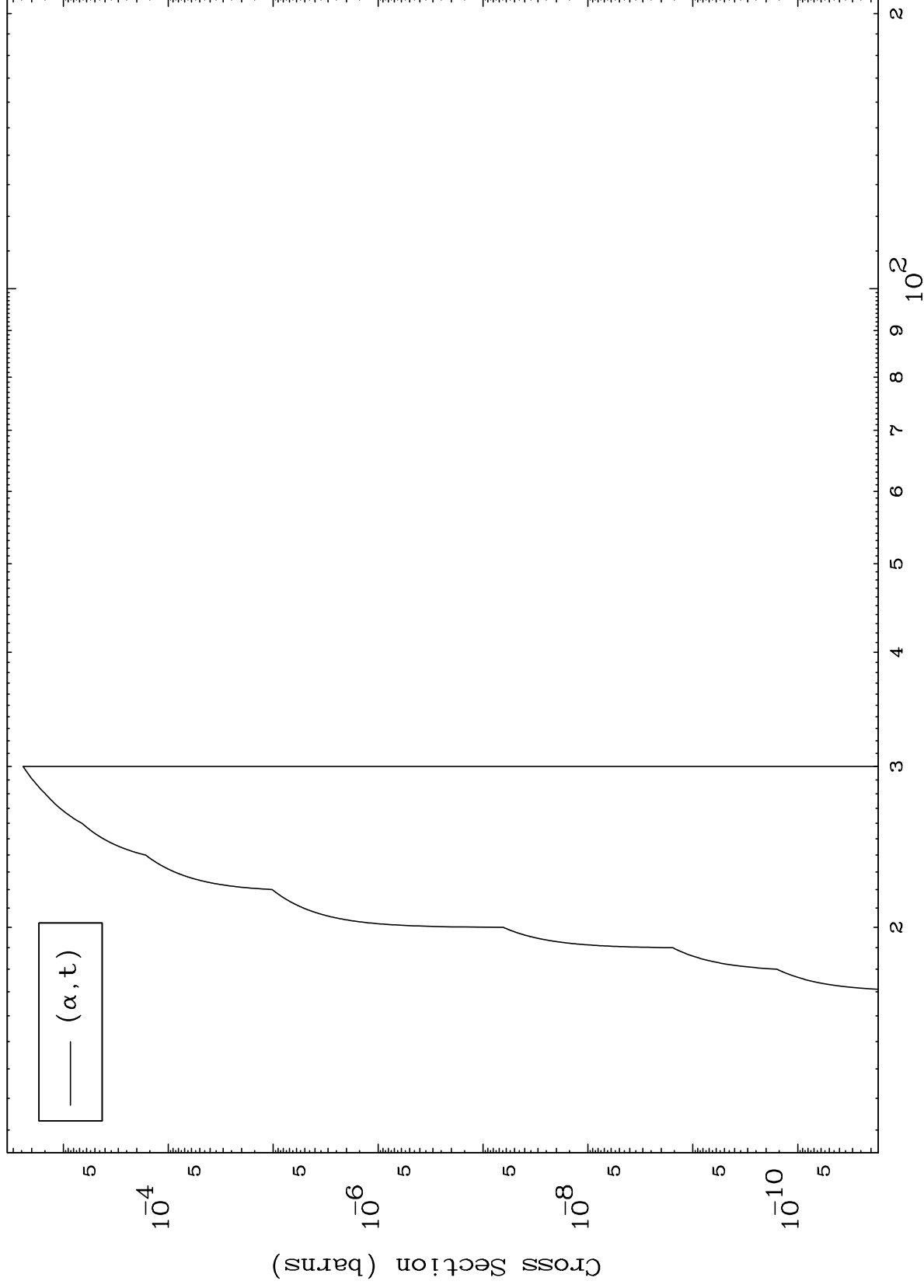
Incident Energy (MeV)

75-Re-190

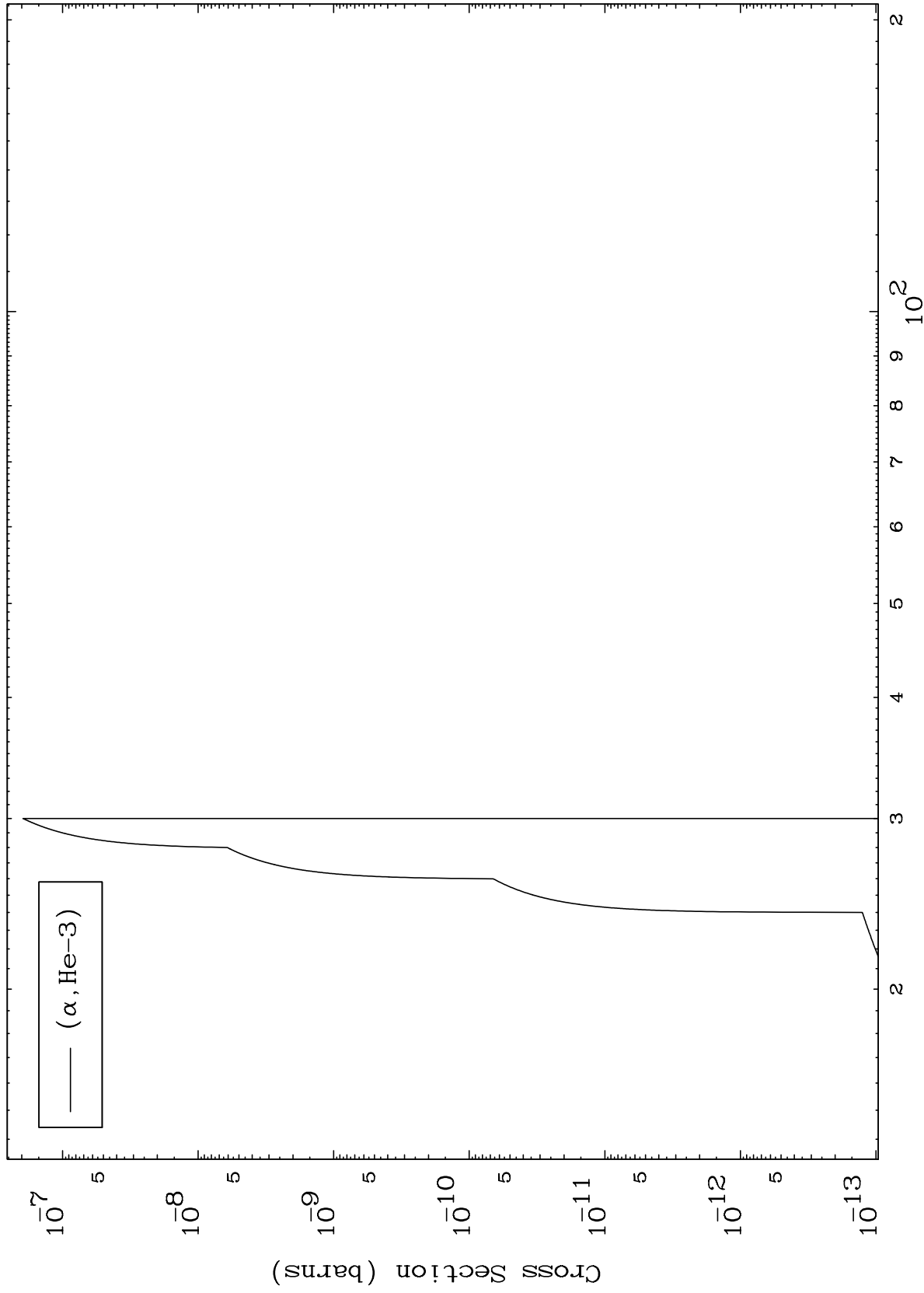
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(α, t) Levels
0 Kelvin Cross Sections

75-Re-190



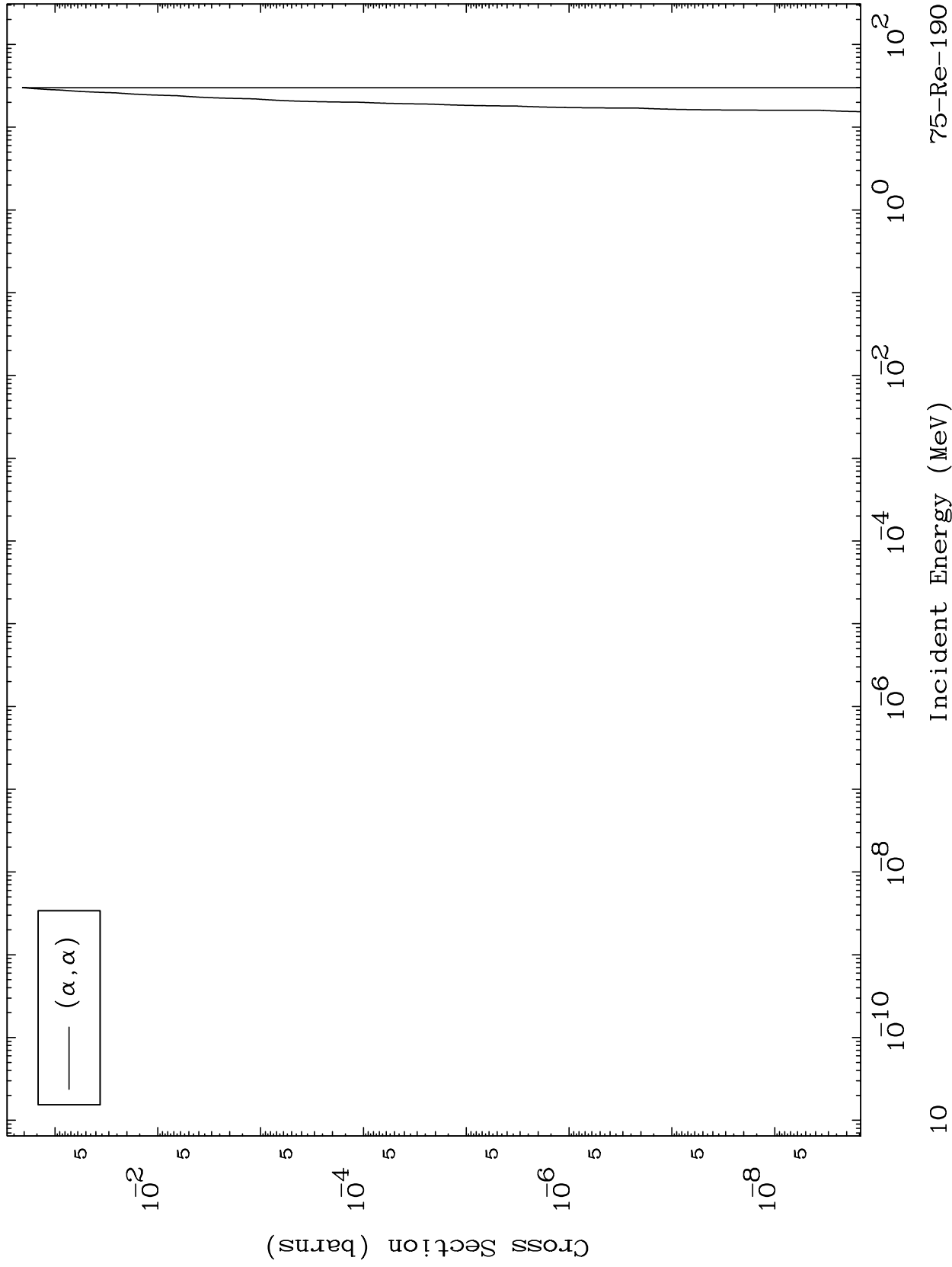
(α ,He3) Levels
0 Kelvin Cross Sections

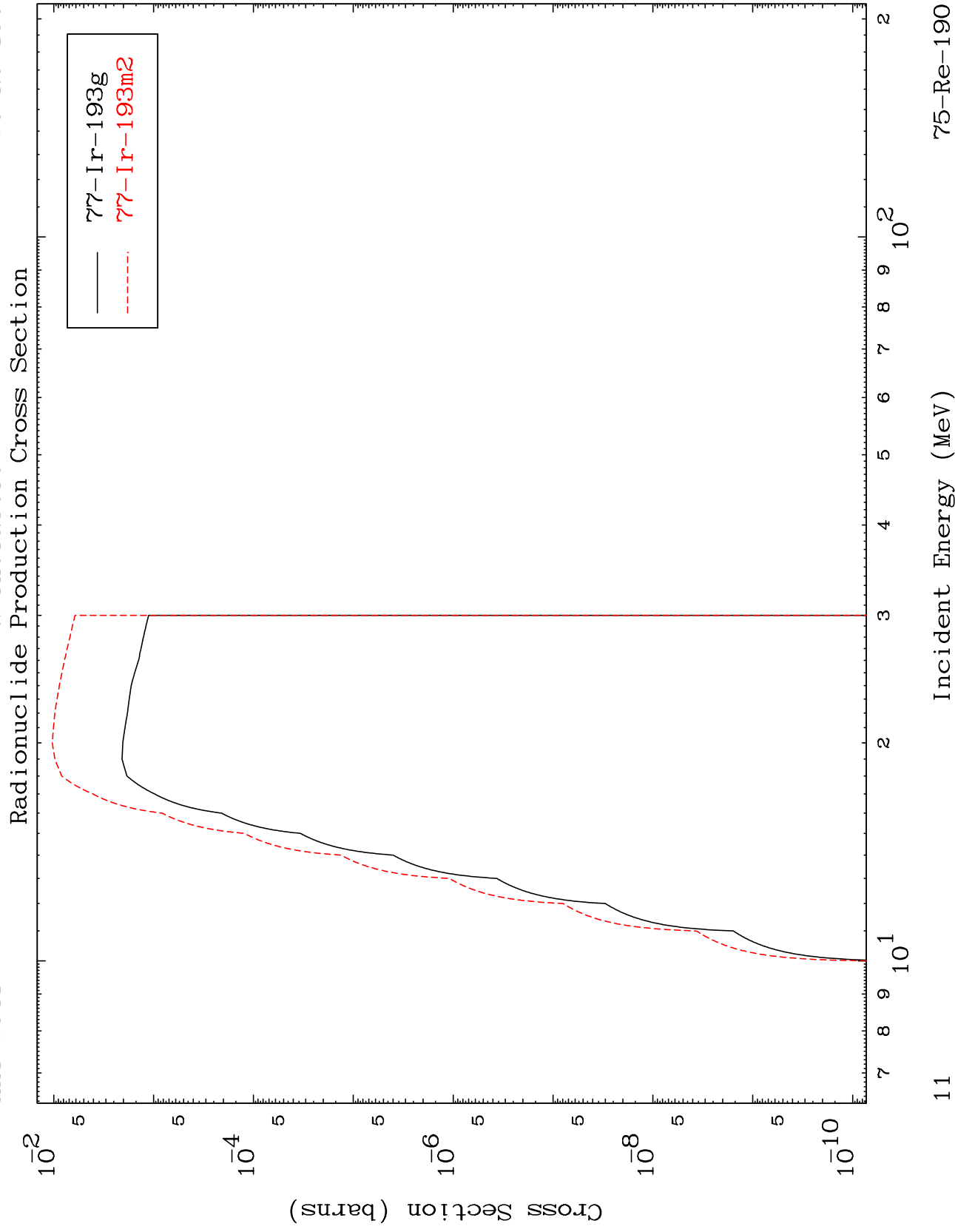


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(α, α) Levels
0 Kelvin Cross Sections

75-Re-190



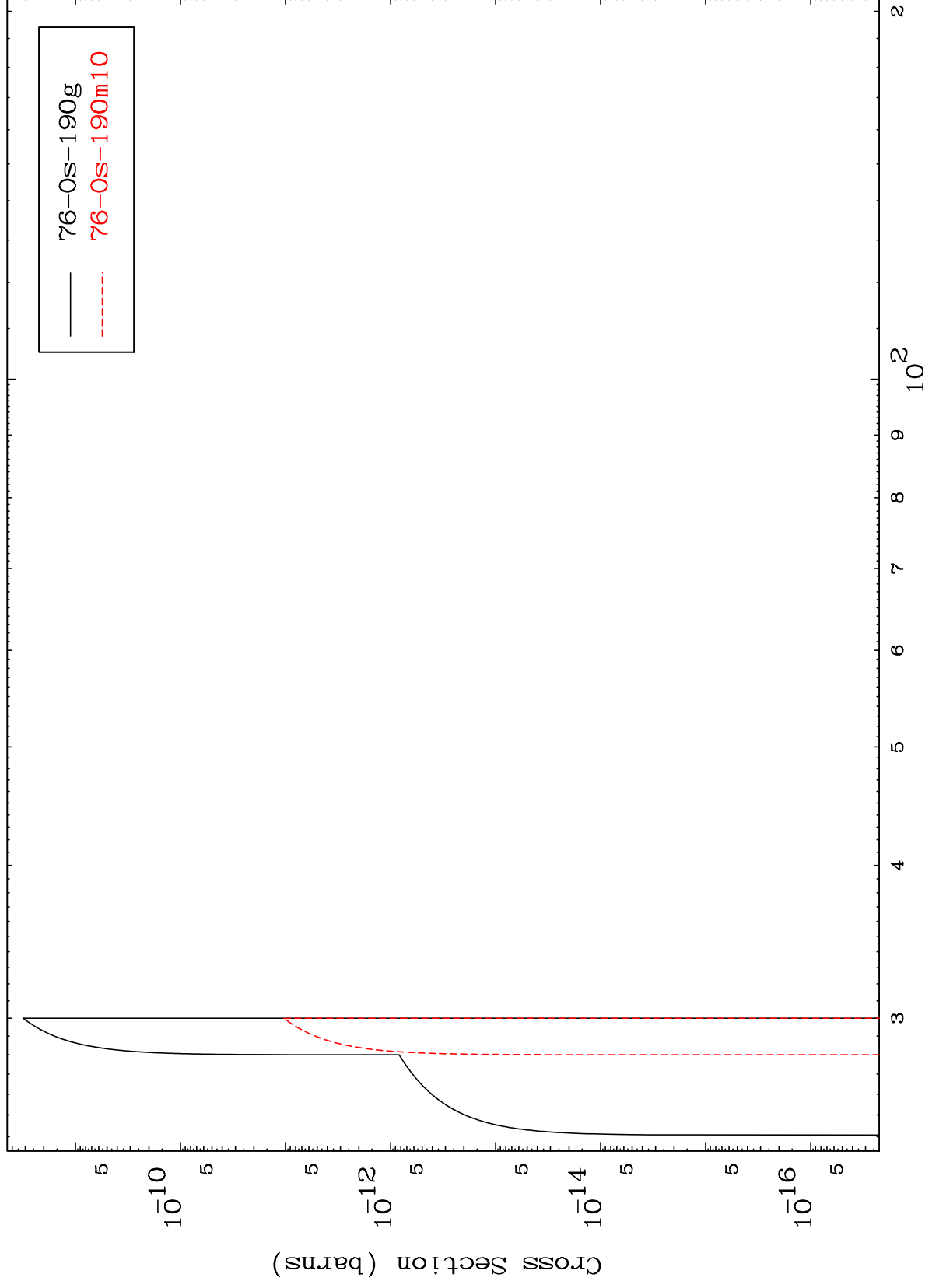


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$(\alpha, 2n)$ d

75-Re-190

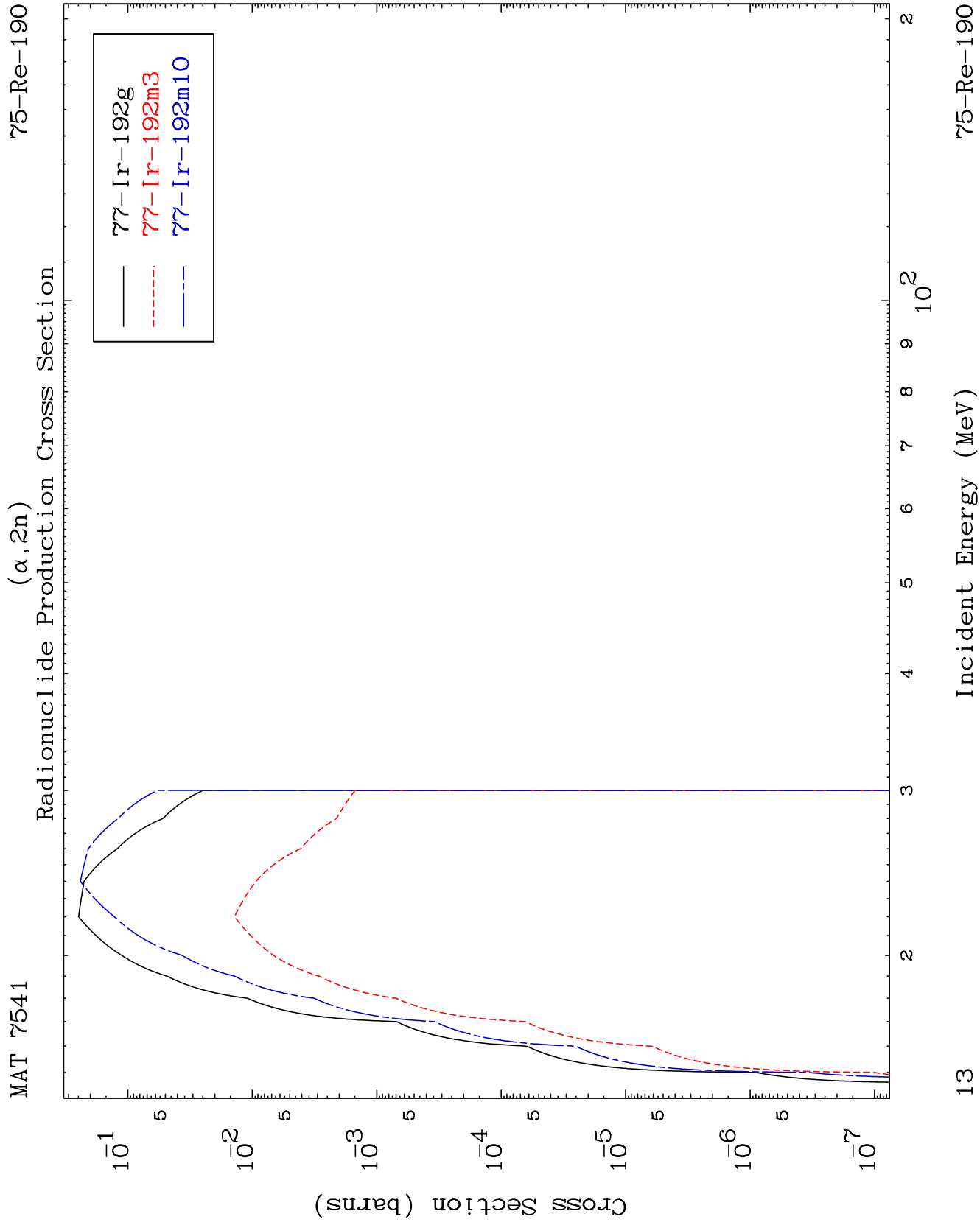
Radionuclide Production Cross Section

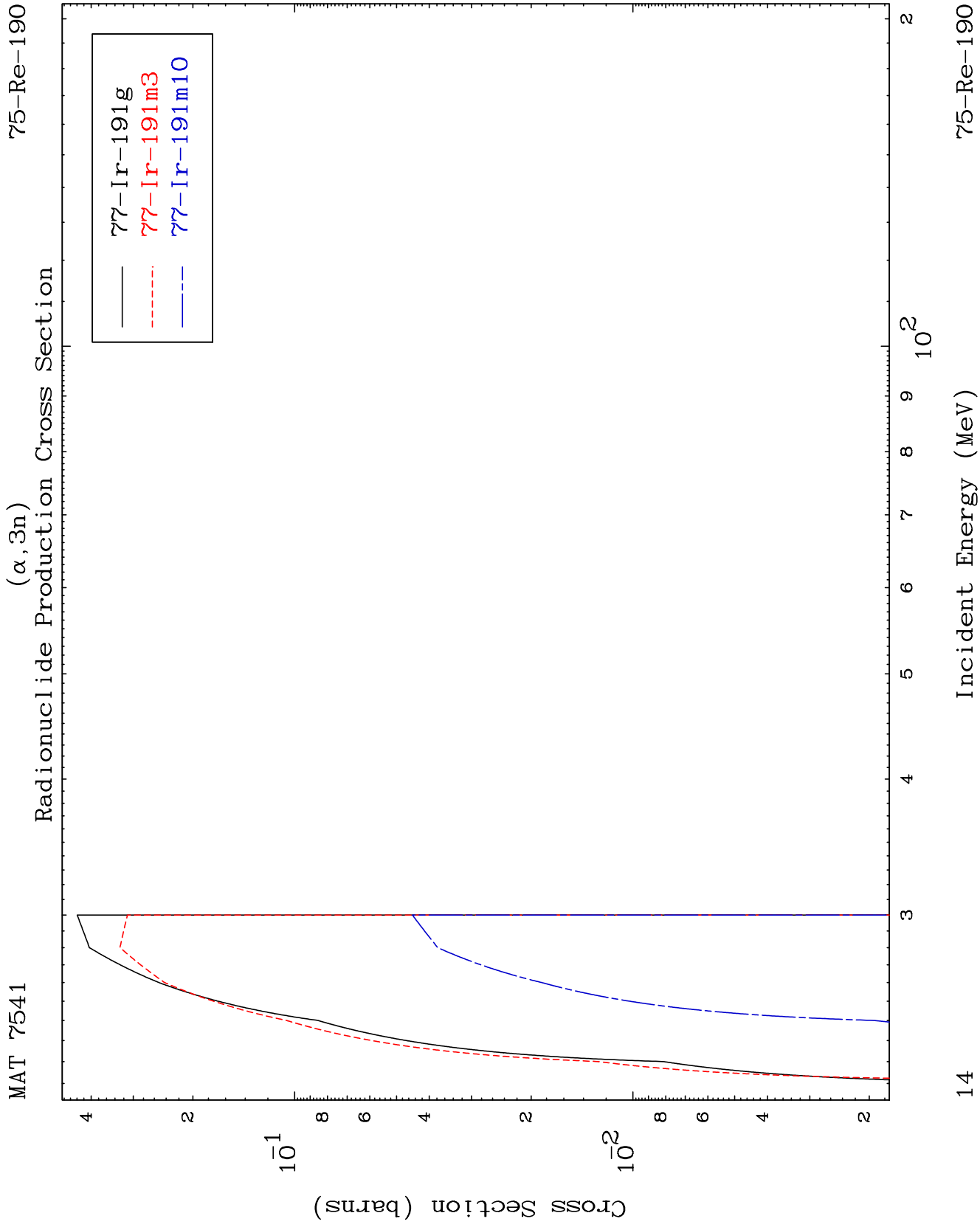


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Incident Energy (MeV)

75-Re-190

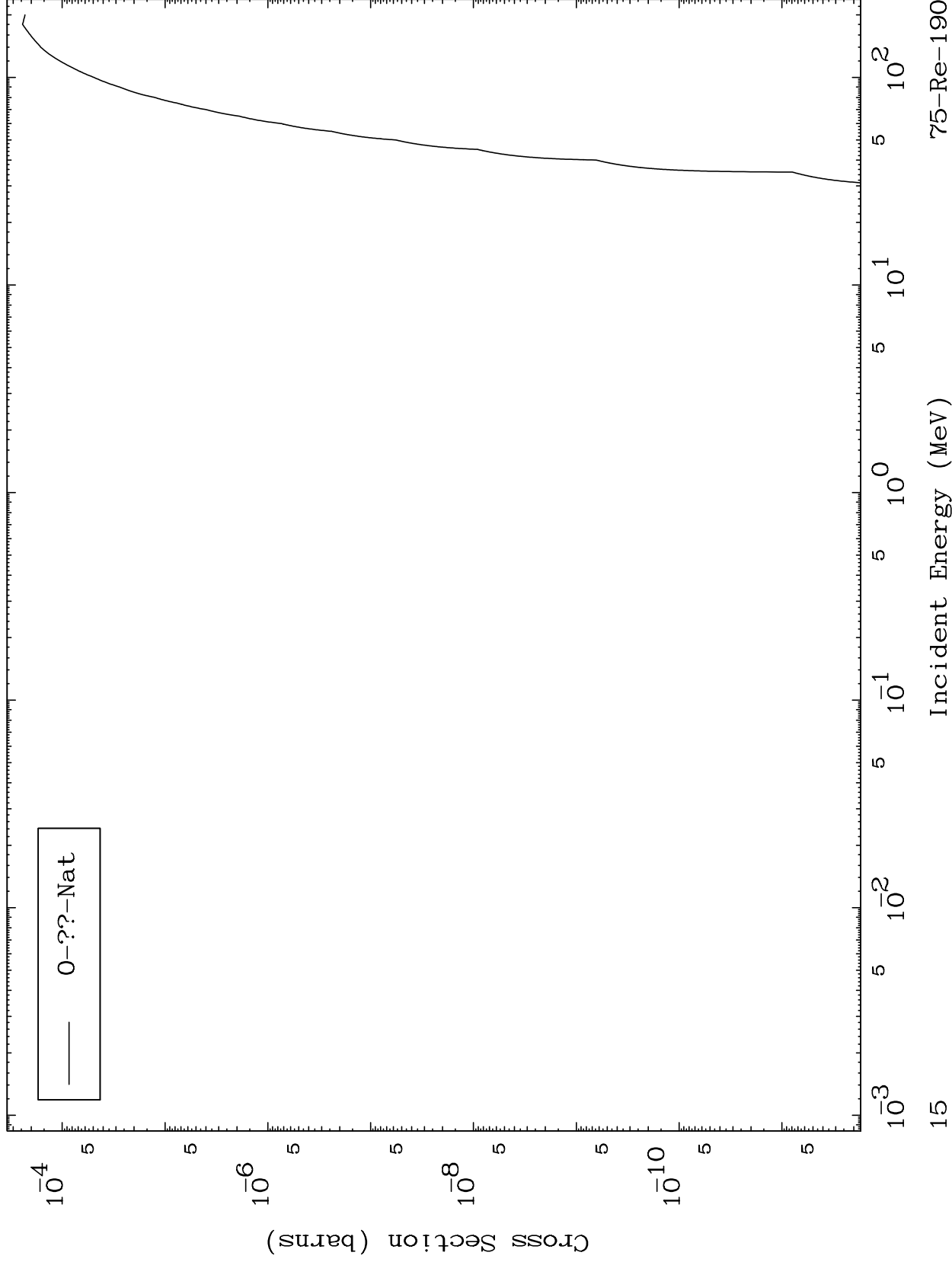




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α Fission
Radionuclide Production Cross Section

75-Re-190

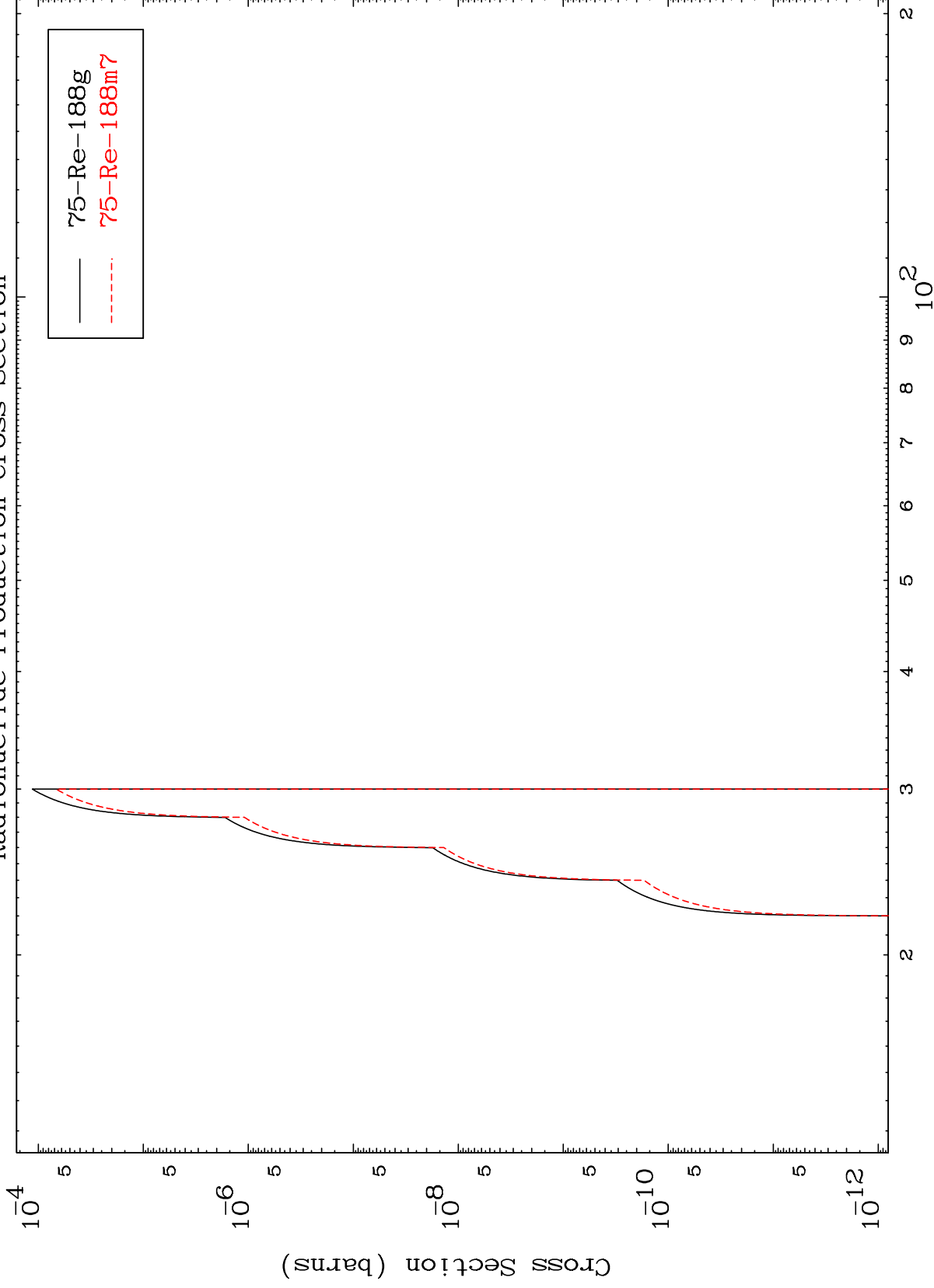


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$(\alpha, 2n) \alpha$

75-Re-190

Radionuclide Production Cross Section



16

Incident Energy (MeV)

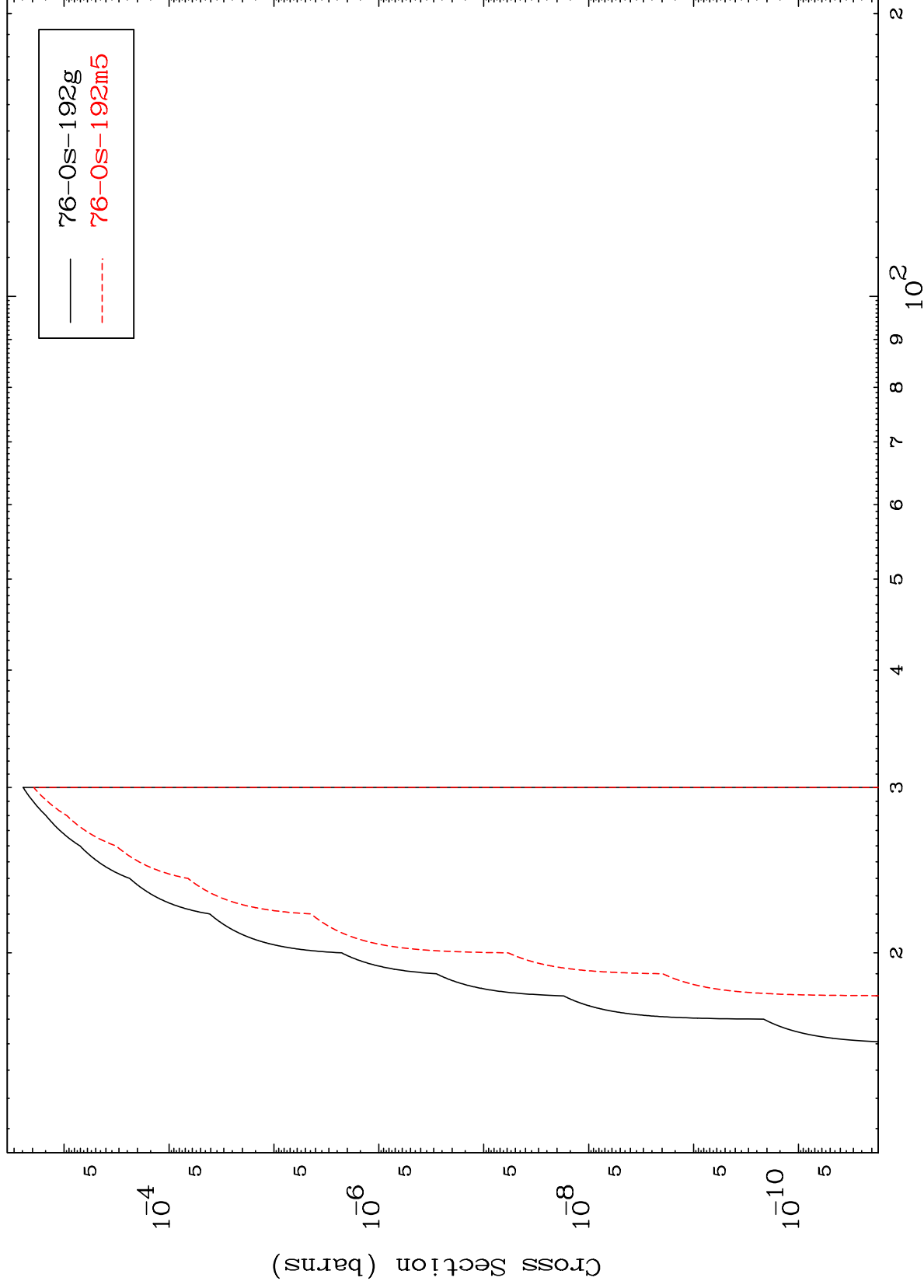
75-Re-190

MAT 7541

(α, n') p

75-Re-190

Radionuclide Production Cross Section



17

Incident Energy (MeV)

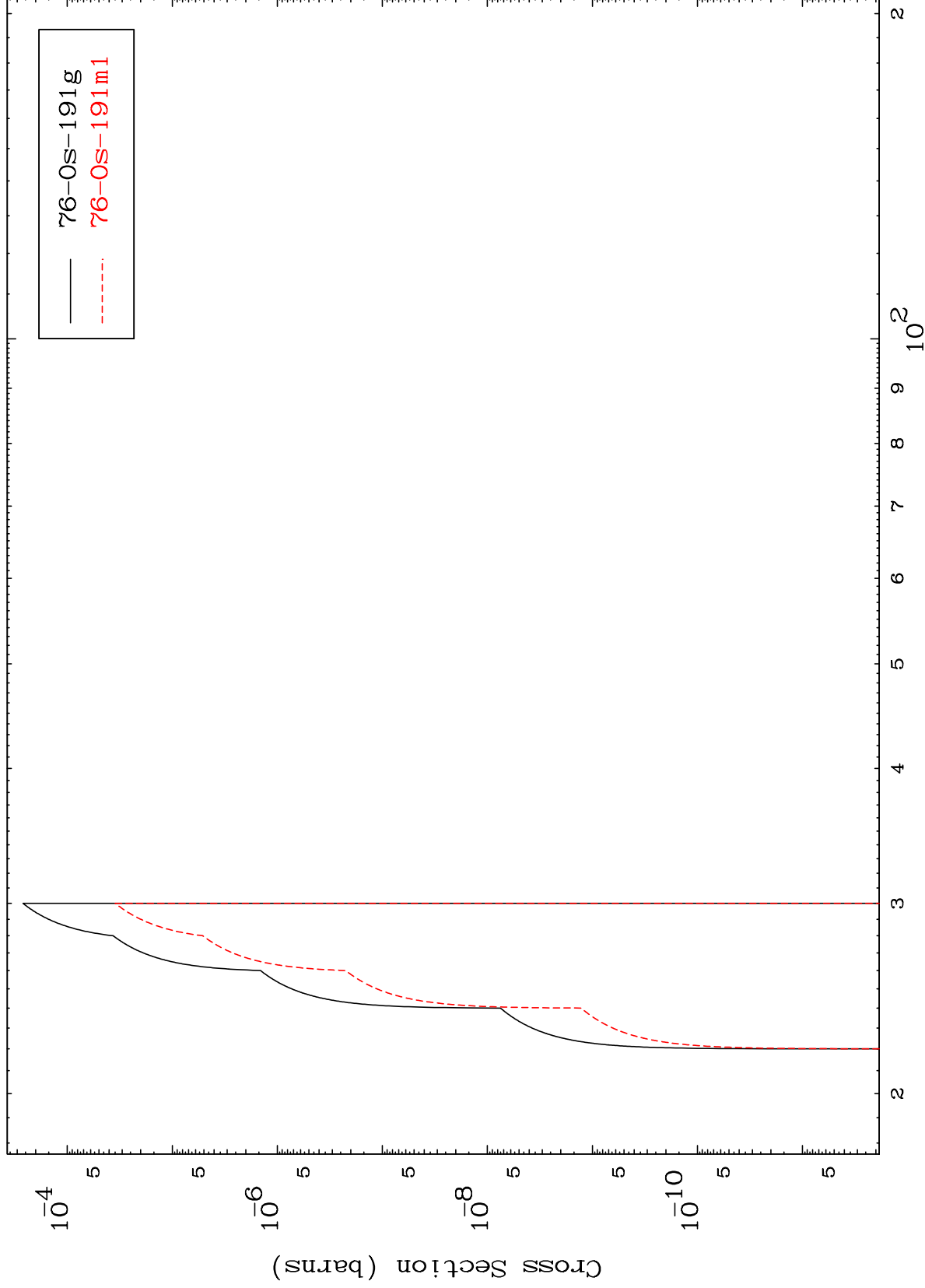
75-Re-190

MAT 7541

(α, n') d

75-Re-190

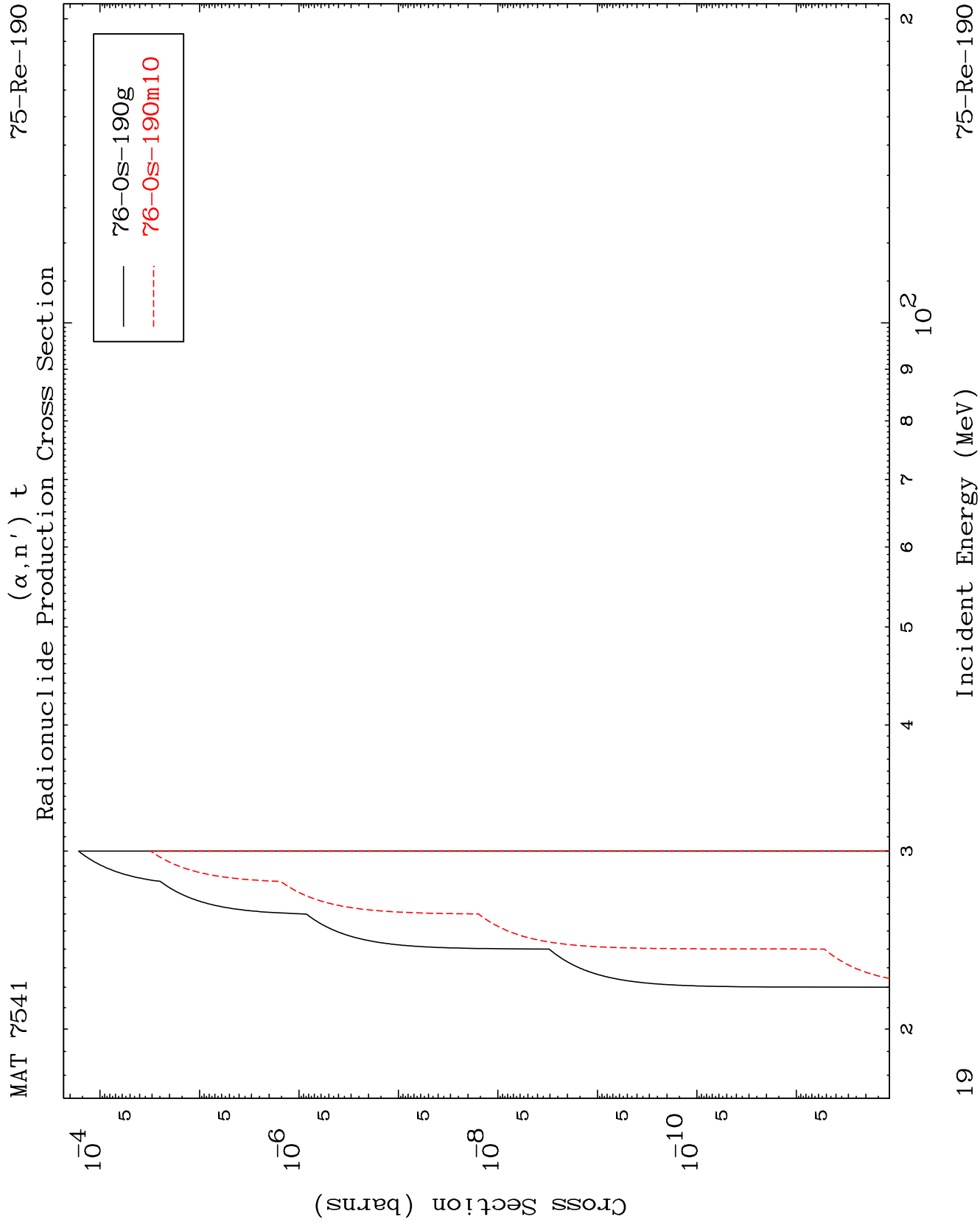
Radionuclide Production Cross Section

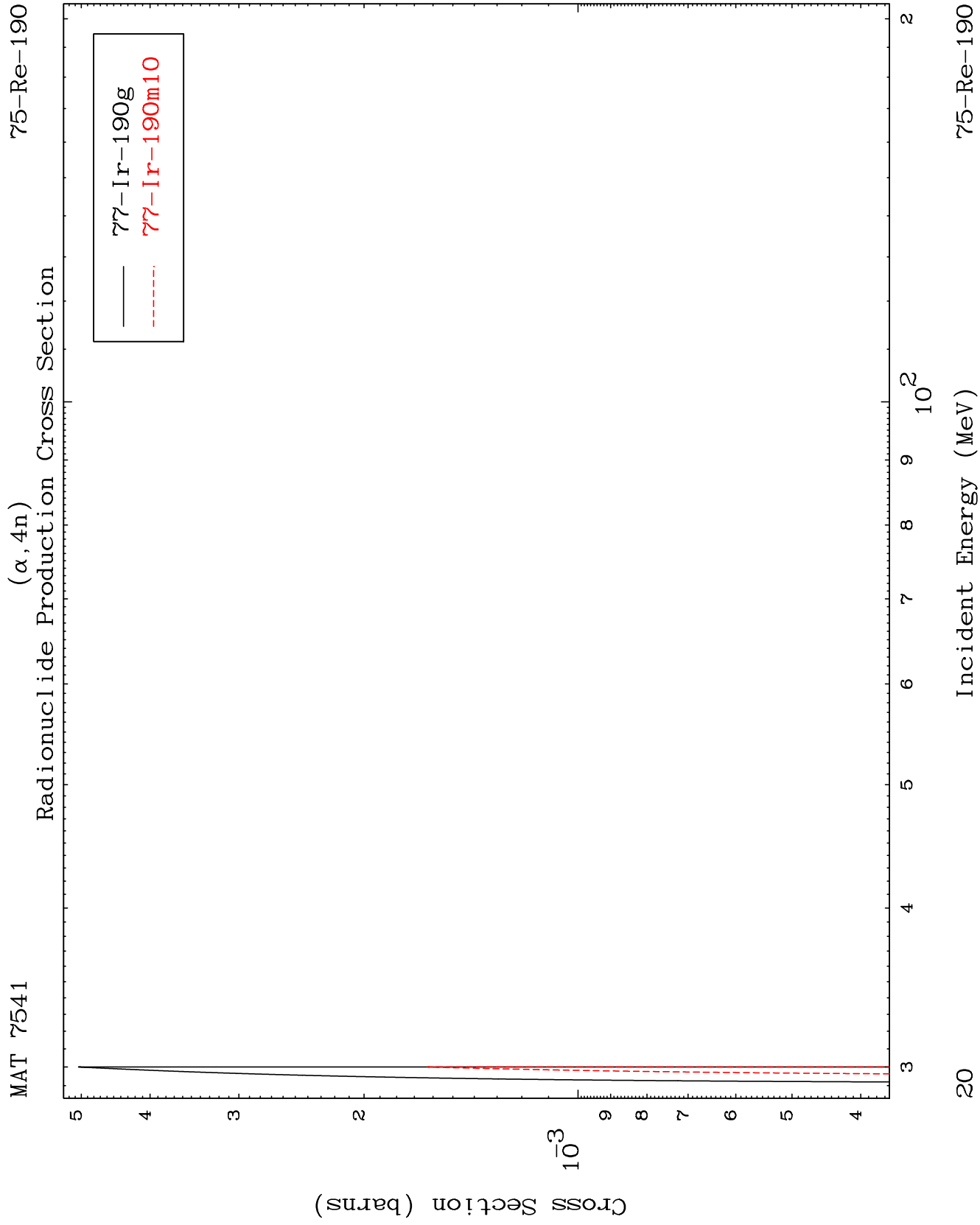


18

Incident Energy (MeV)

75-Re-190



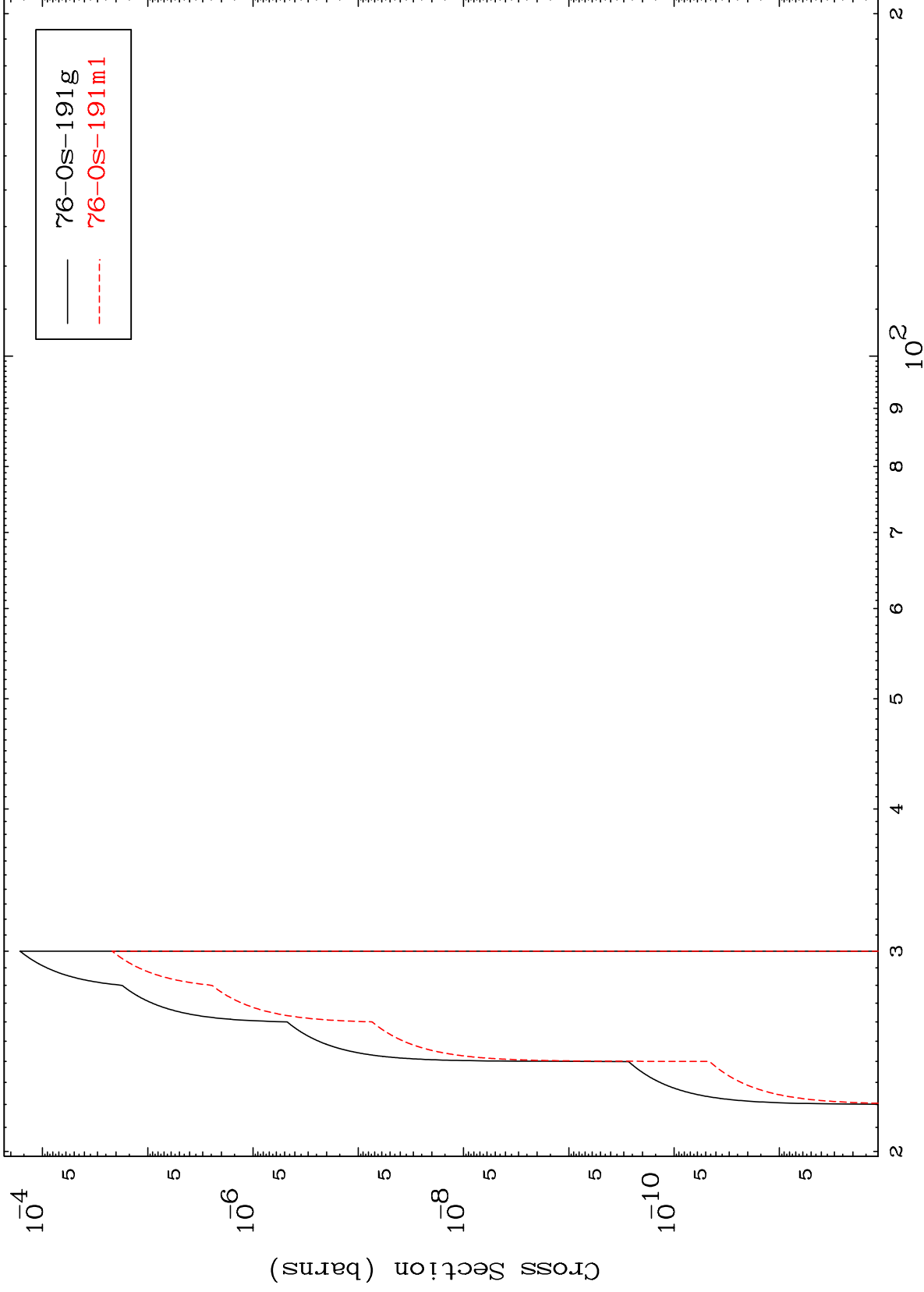


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$(\alpha, 2n)$ p

75-Re-190

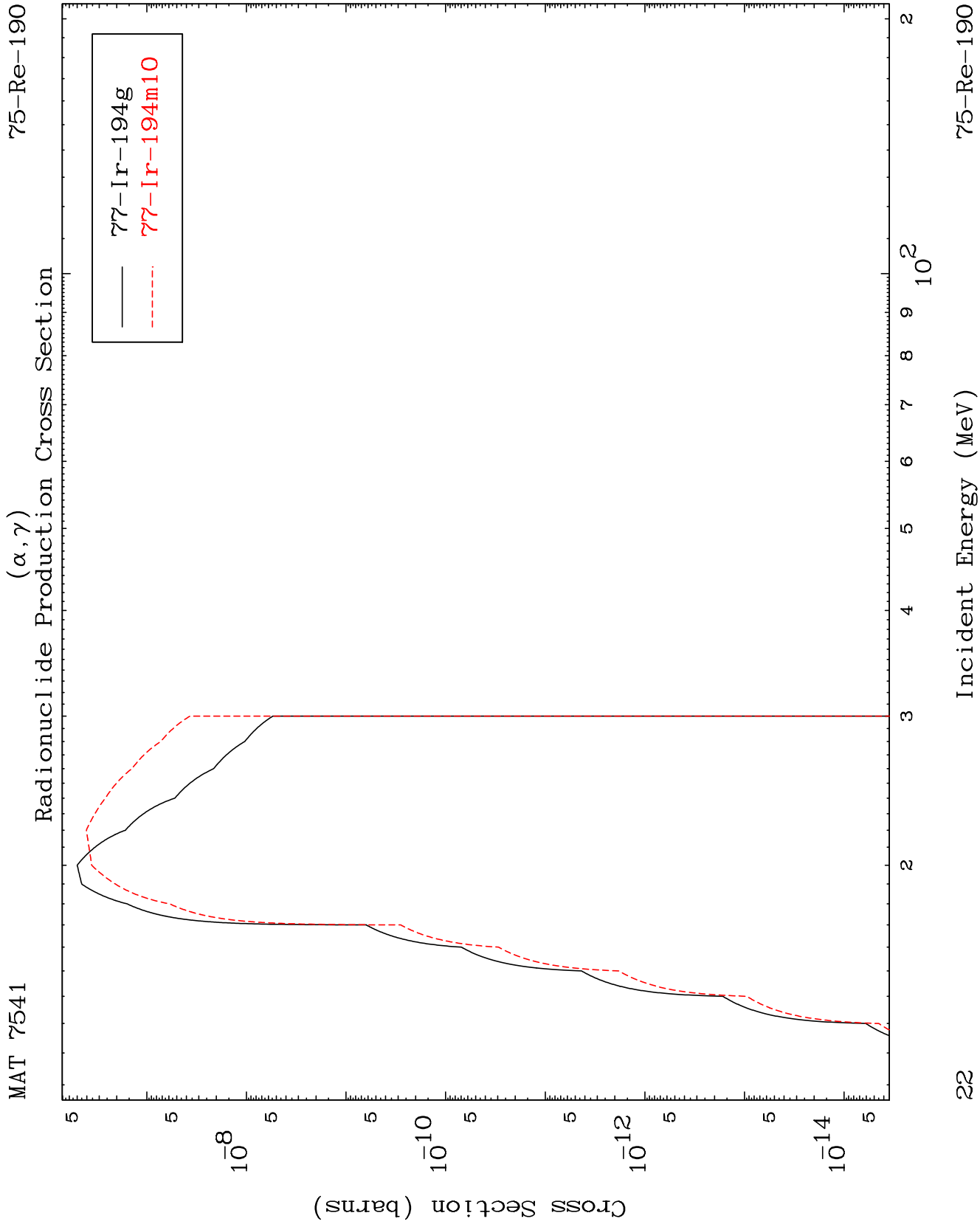
Radionuclide Production Cross Section



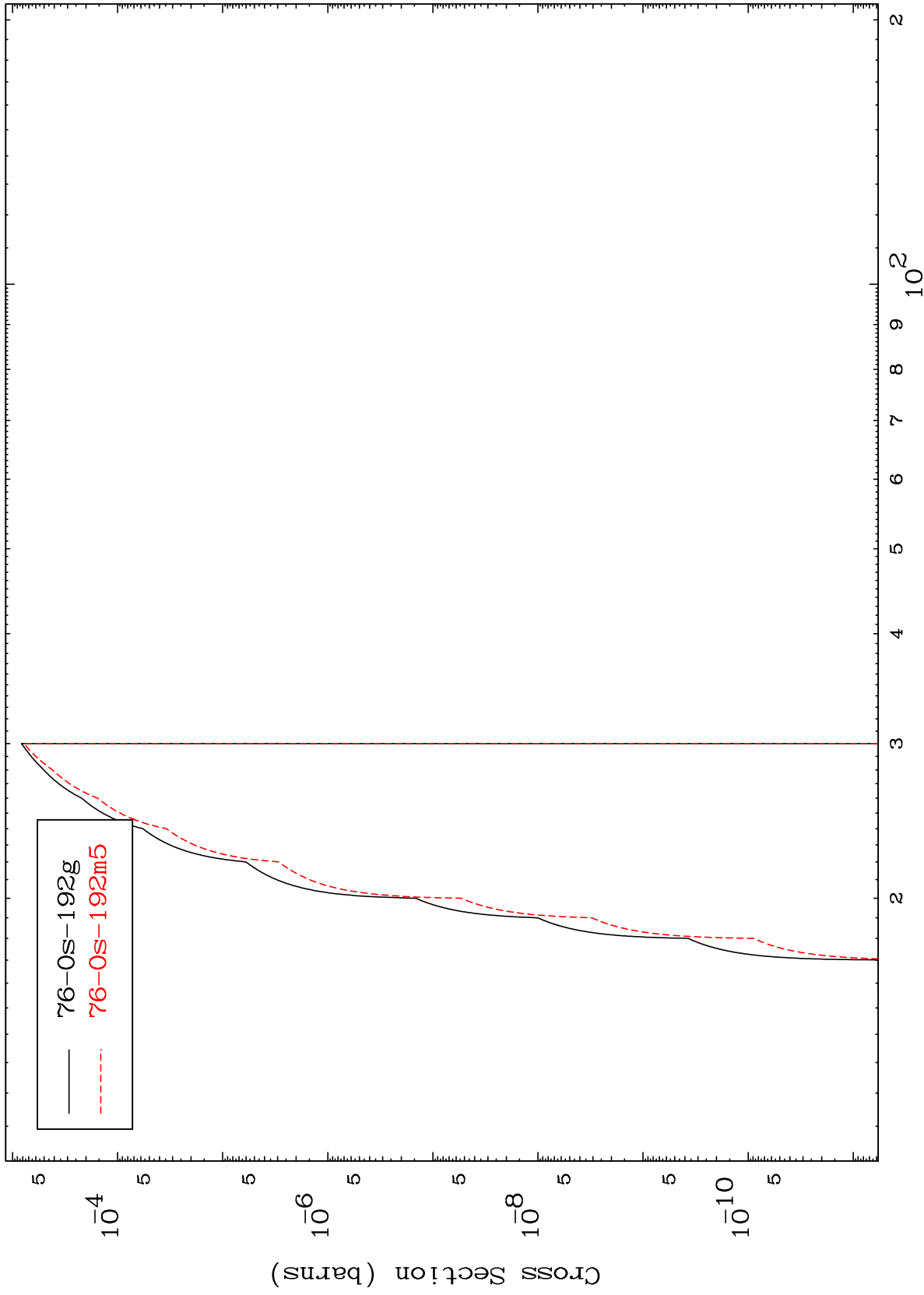
21

Incident Energy (MeV)

75-Re-190



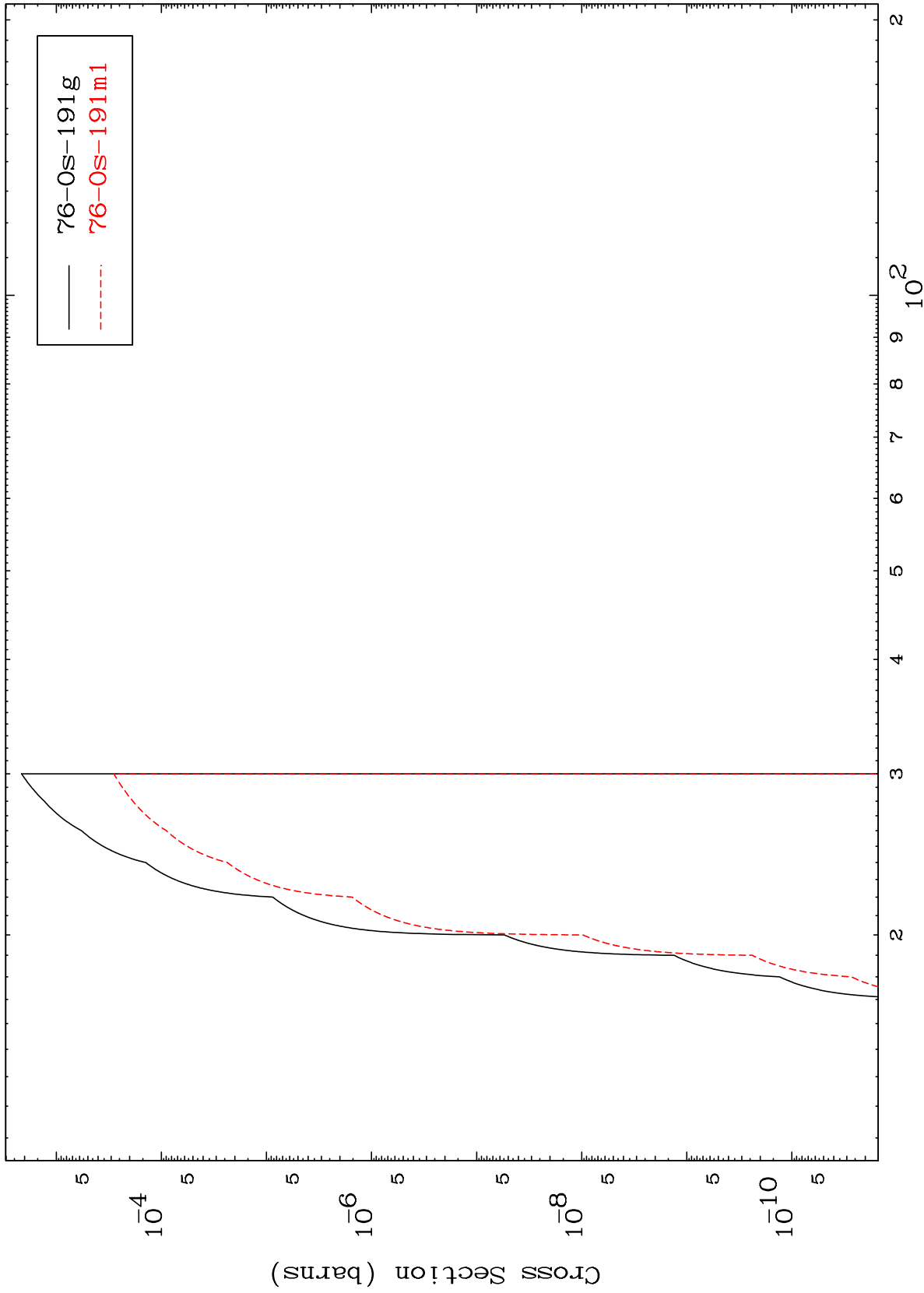
(α, d)
Radionuclide Production Cross Section



MAT 7541

75-Re-190

(α, t)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

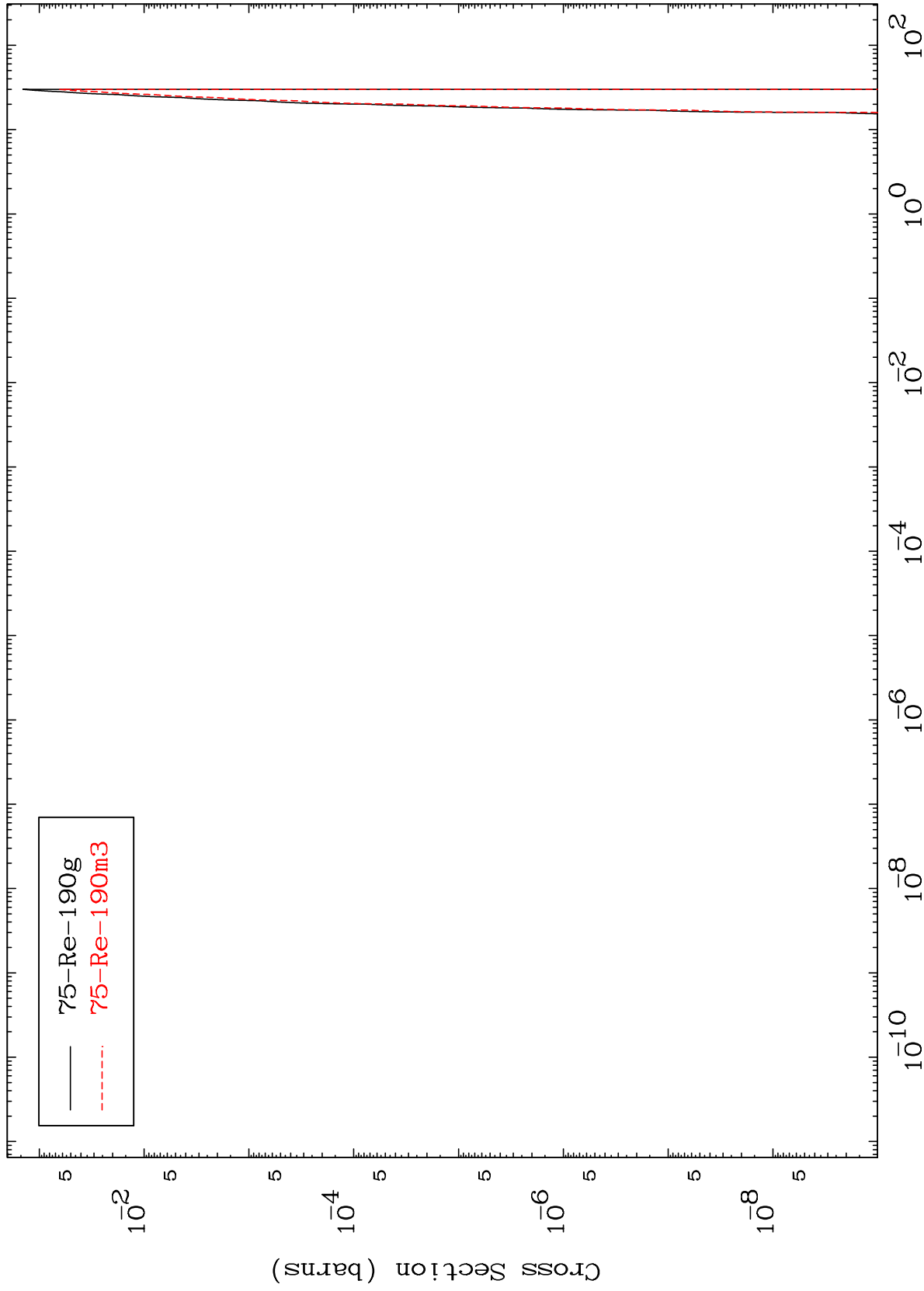
75-Re-190

MAT 7541

(α, α)

⁷⁵Re-¹⁹⁰

Radionuclide Production Cross Section



25

Incident Energy (MeV)

⁷⁵Re-¹⁹⁰