

Program EVALPLOT
(Version 2018-1)

by

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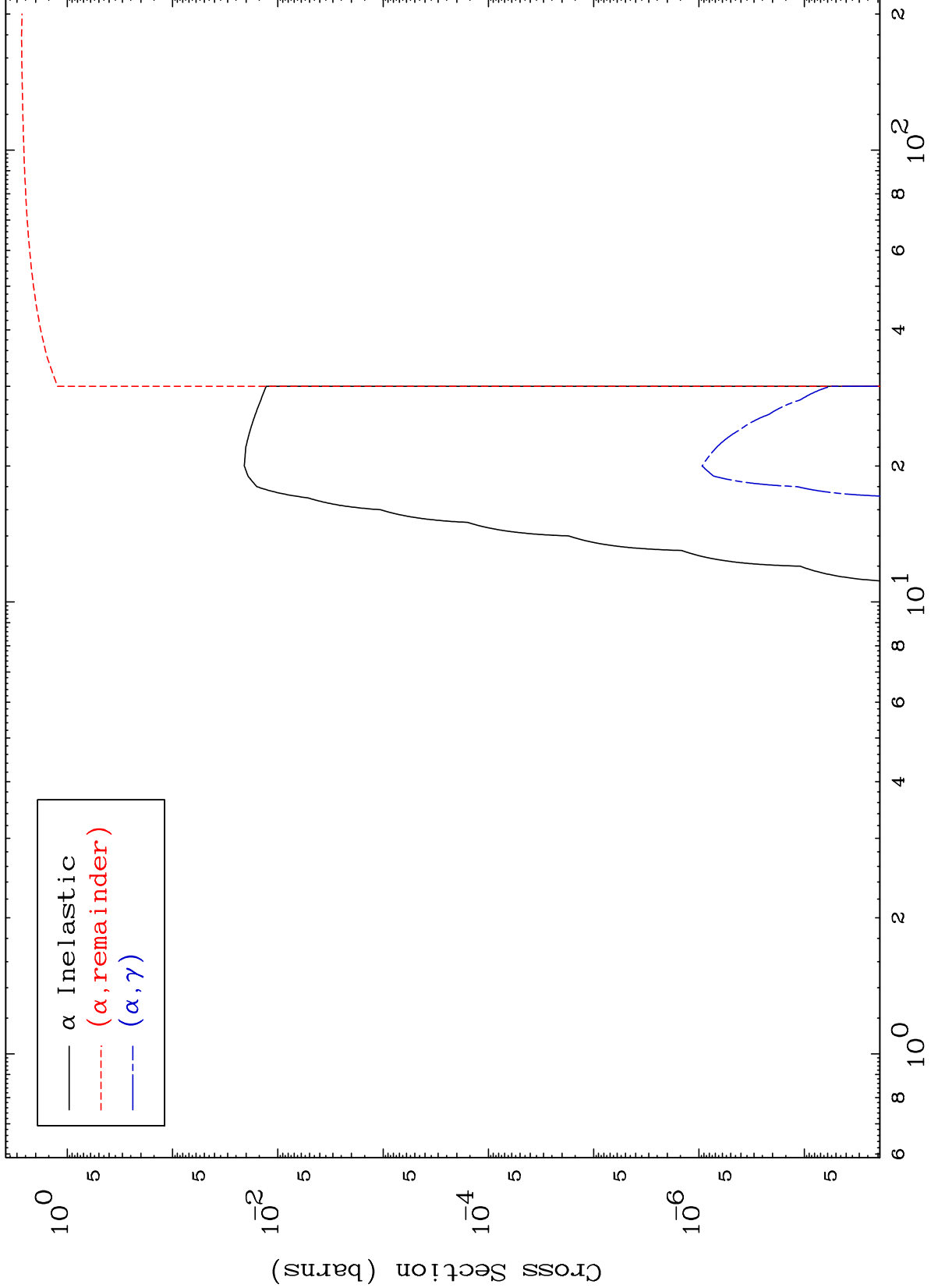
Press Mouse Button to Start

MAT 7540

α Major

75-Re-190

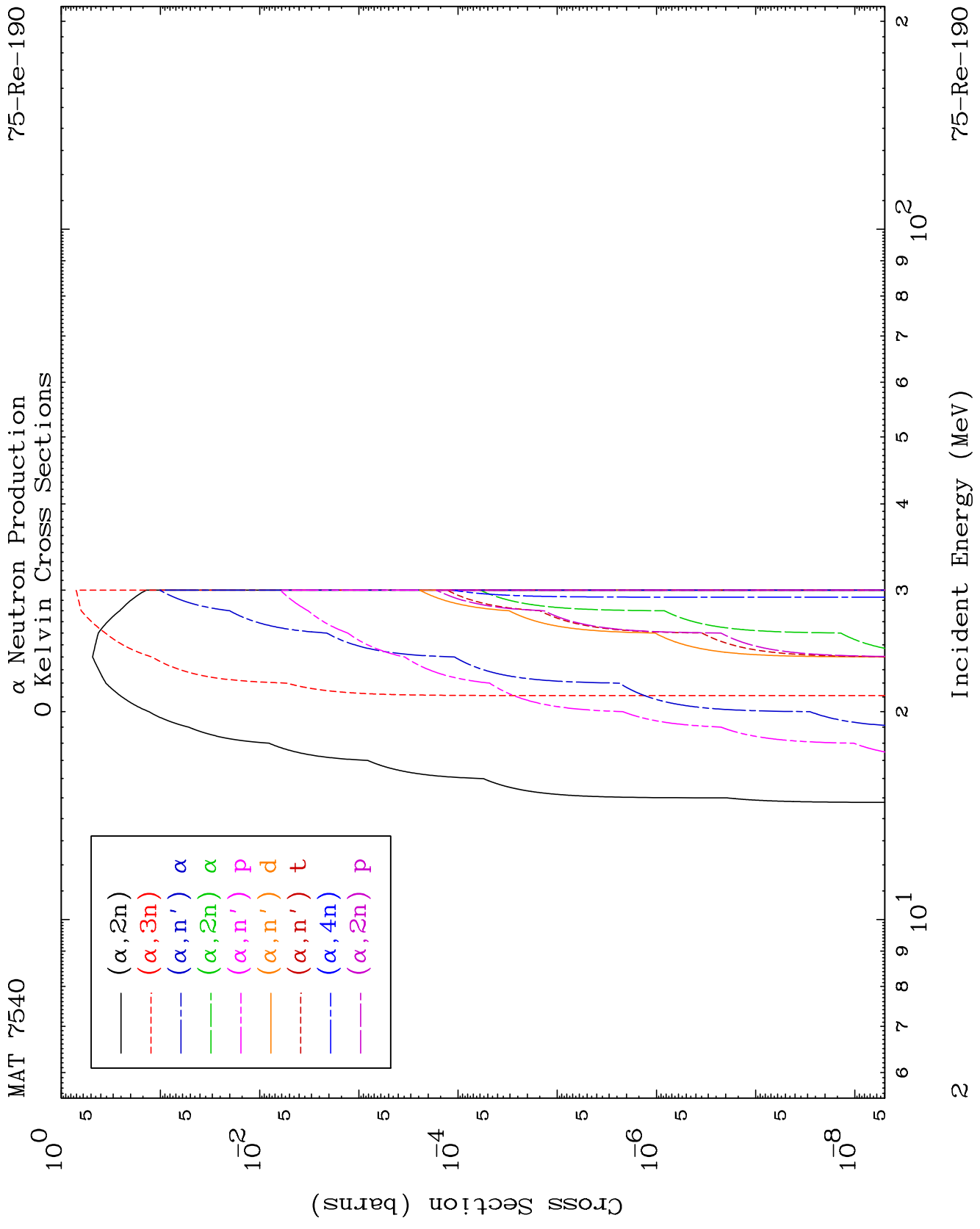
0 Kelvin Cross Sections



1

Incident Energy (MeV)

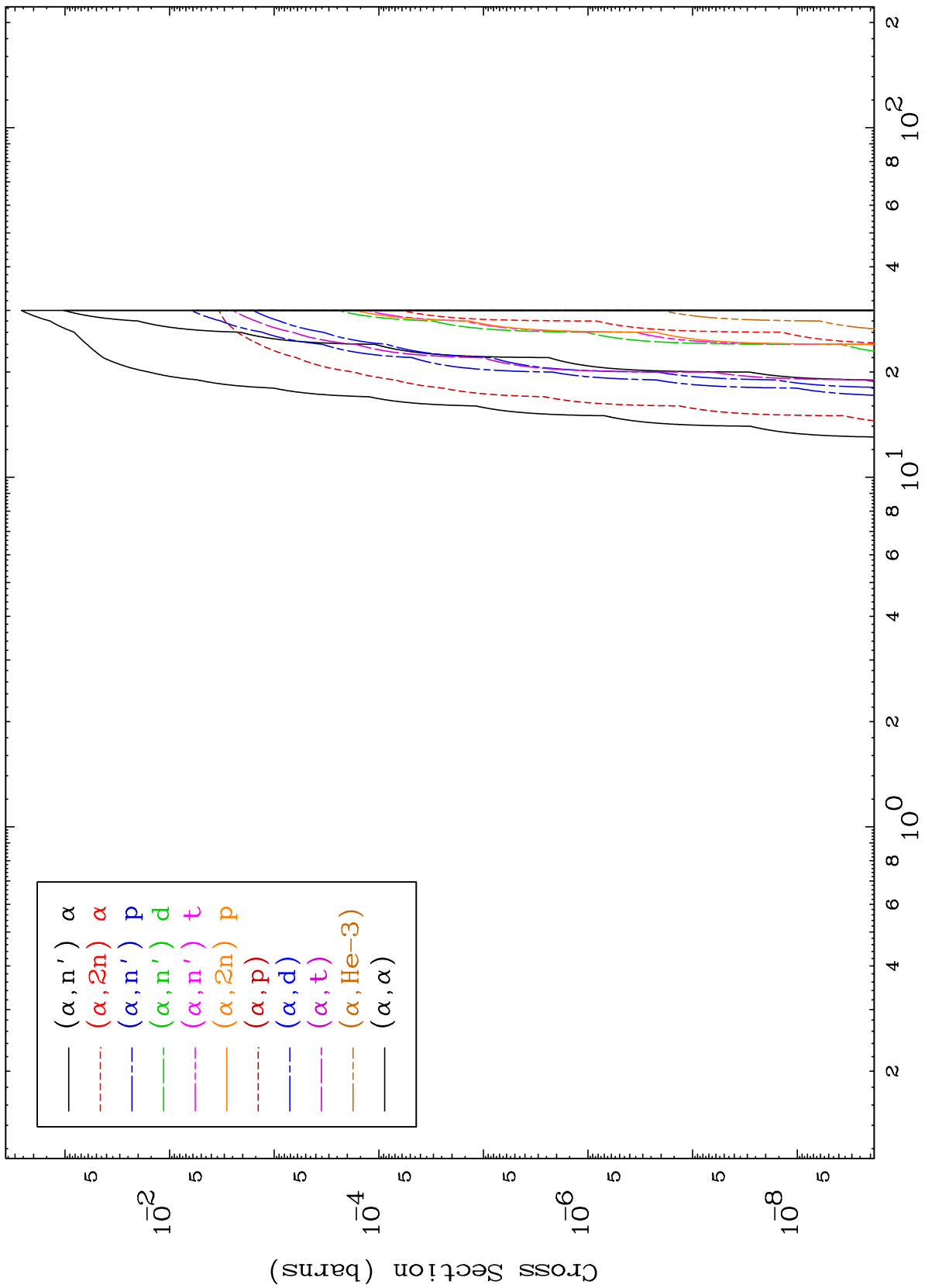
75-Re-190



MAT 7540

α Charged Particle
0 Kelvin Cross Sections

75-Re-190

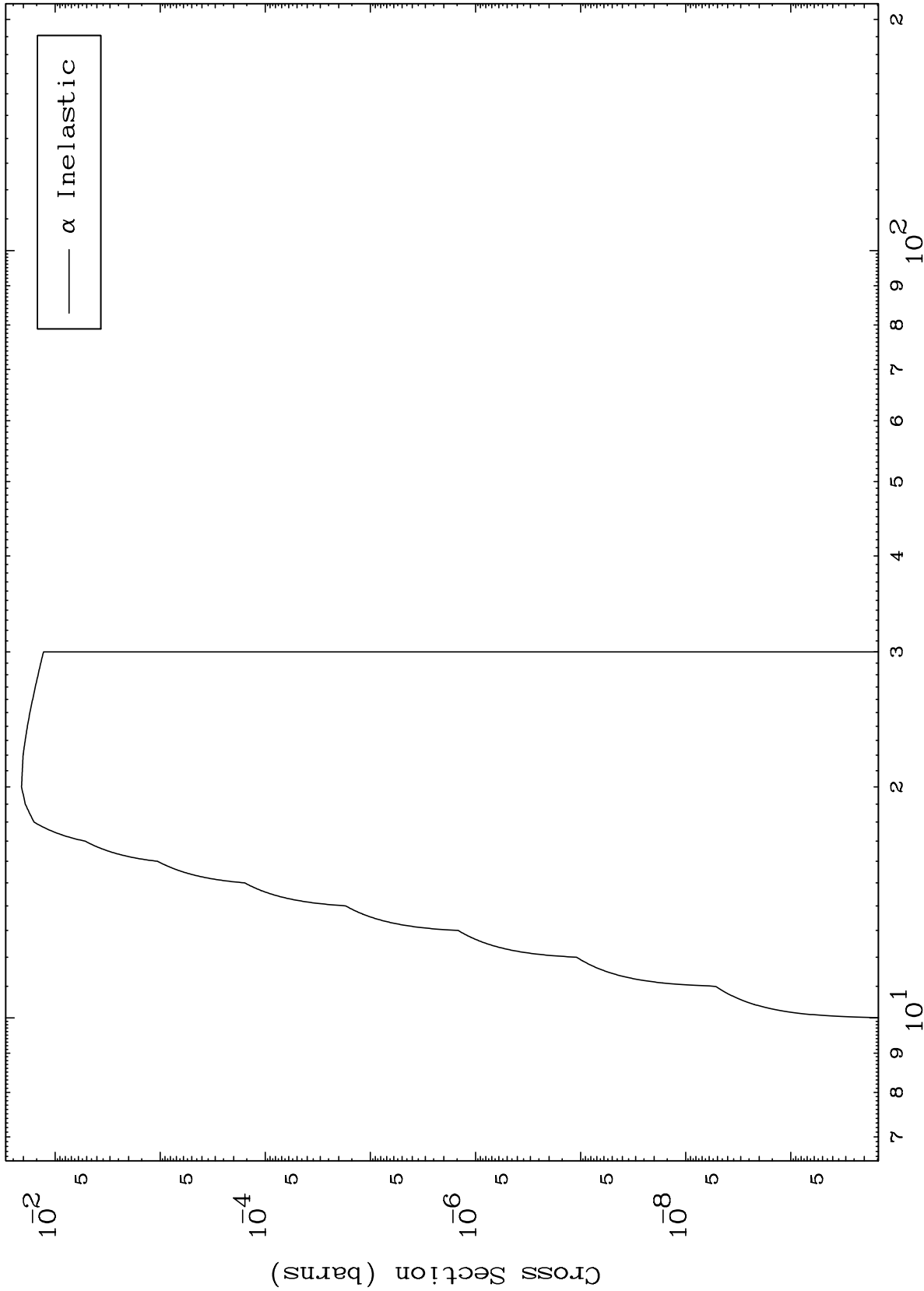


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(α, n') Level

75-Re-190

0 Kelvin Cross Sections



4

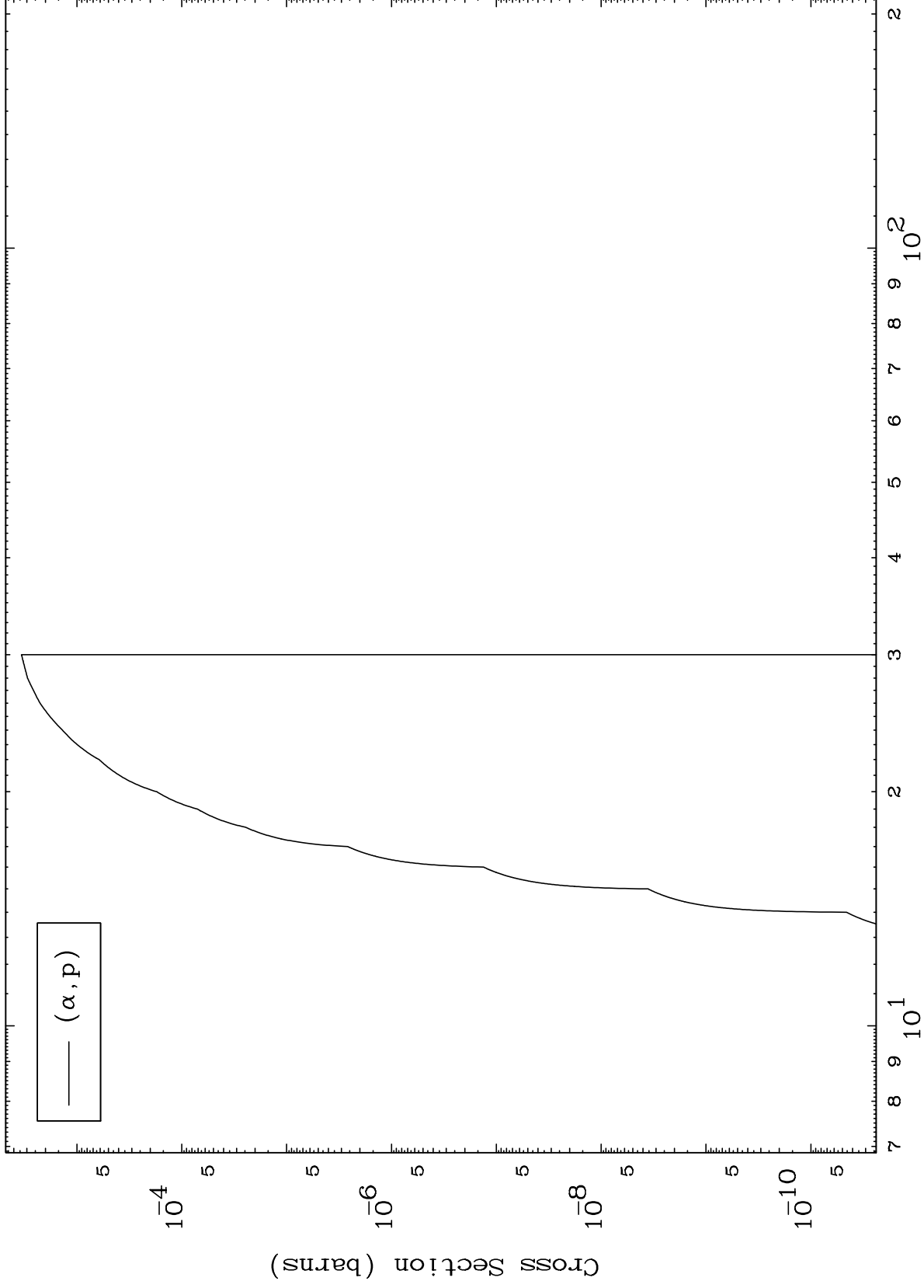
Incident Energy (MeV)

75-Re-190

MAT 7540

(α, p) Levels
0 Kelvin Cross Sections

75-Re-190



Incident Energy (MeV)

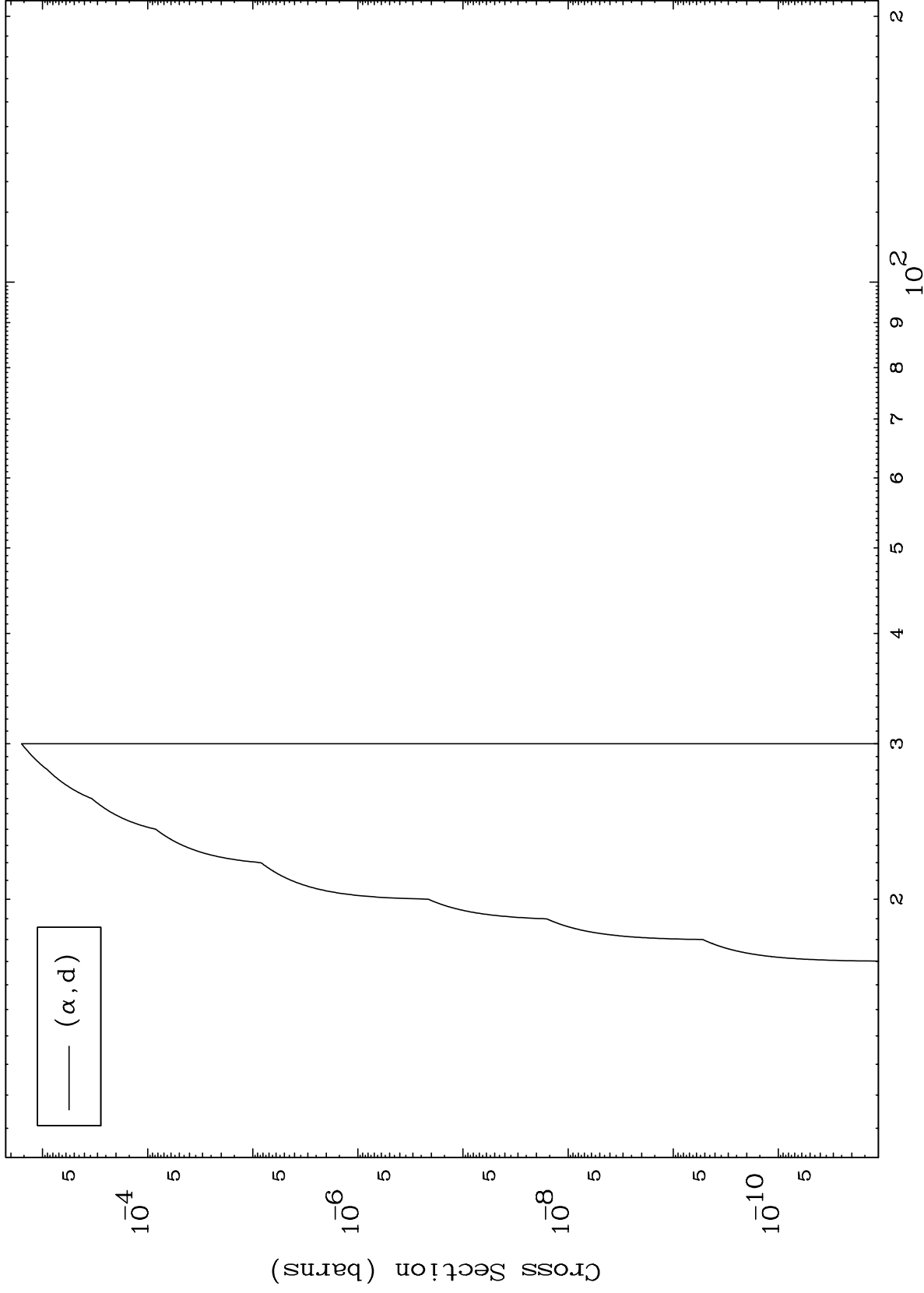
75-Re-190

5

MAT 7540

(α, d) Levels
0 Kelvin Cross Sections

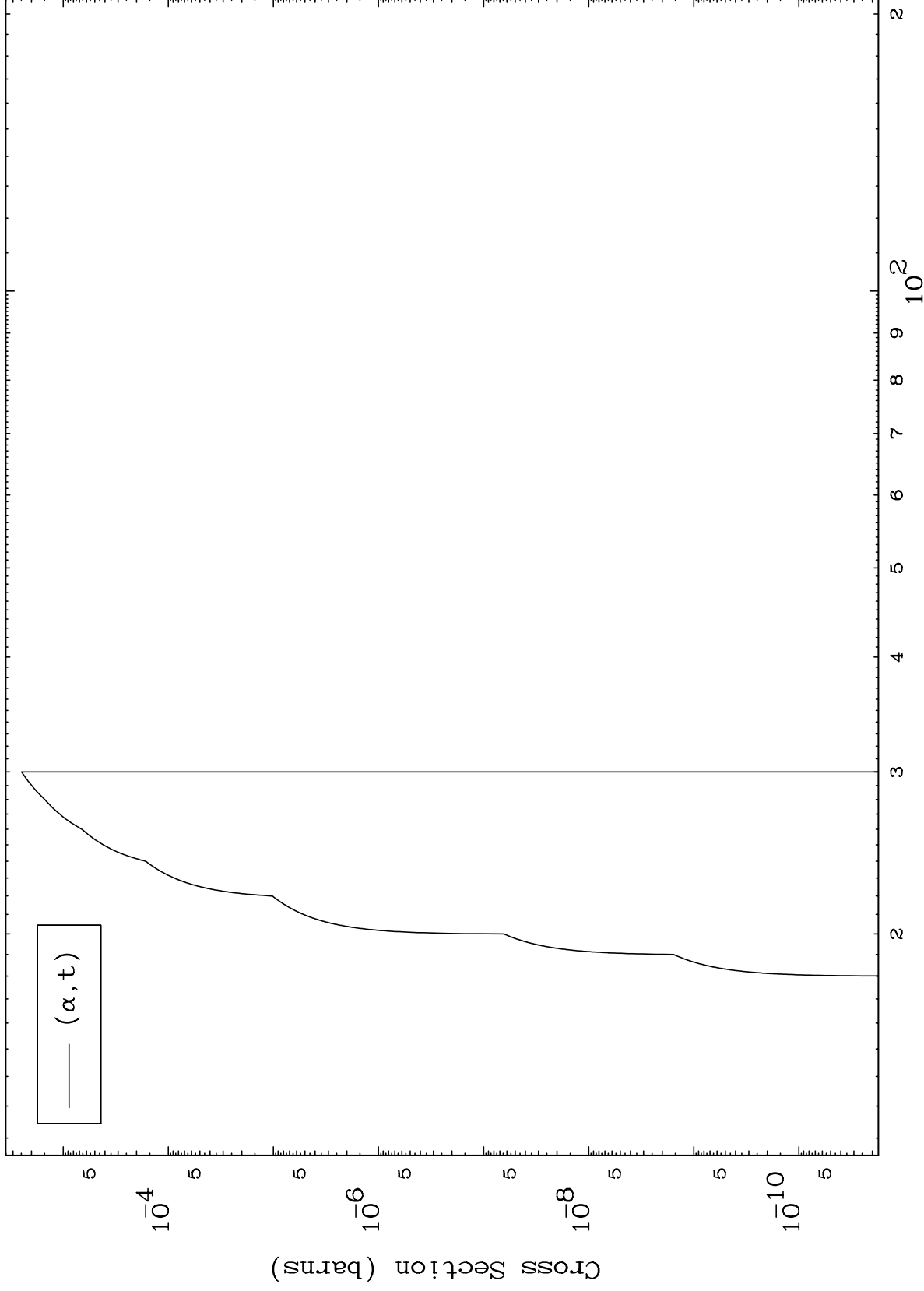
75-Re-190



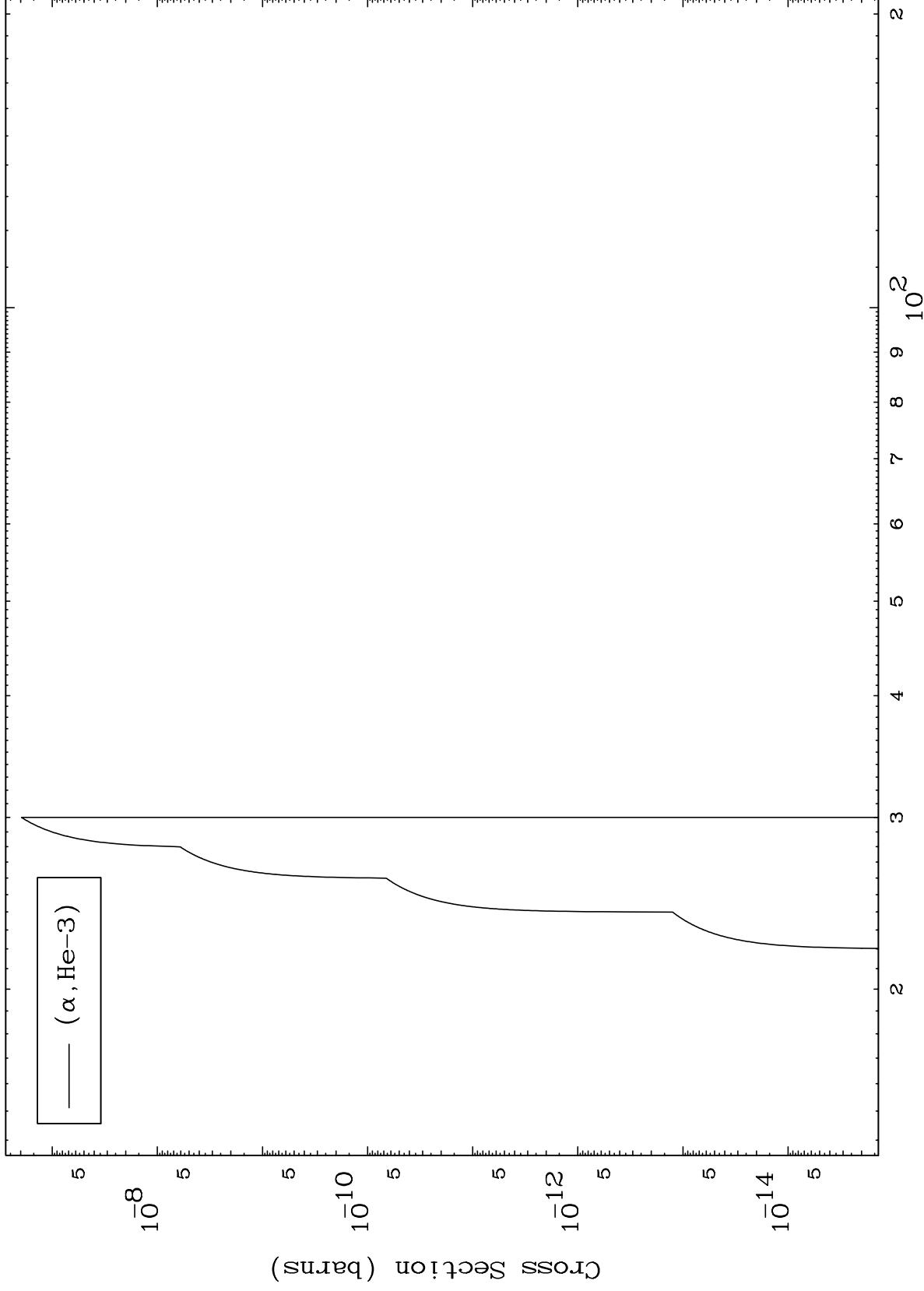
6

Incident Energy (MeV)

75-Re-190



0 Kelvin Cross Sections

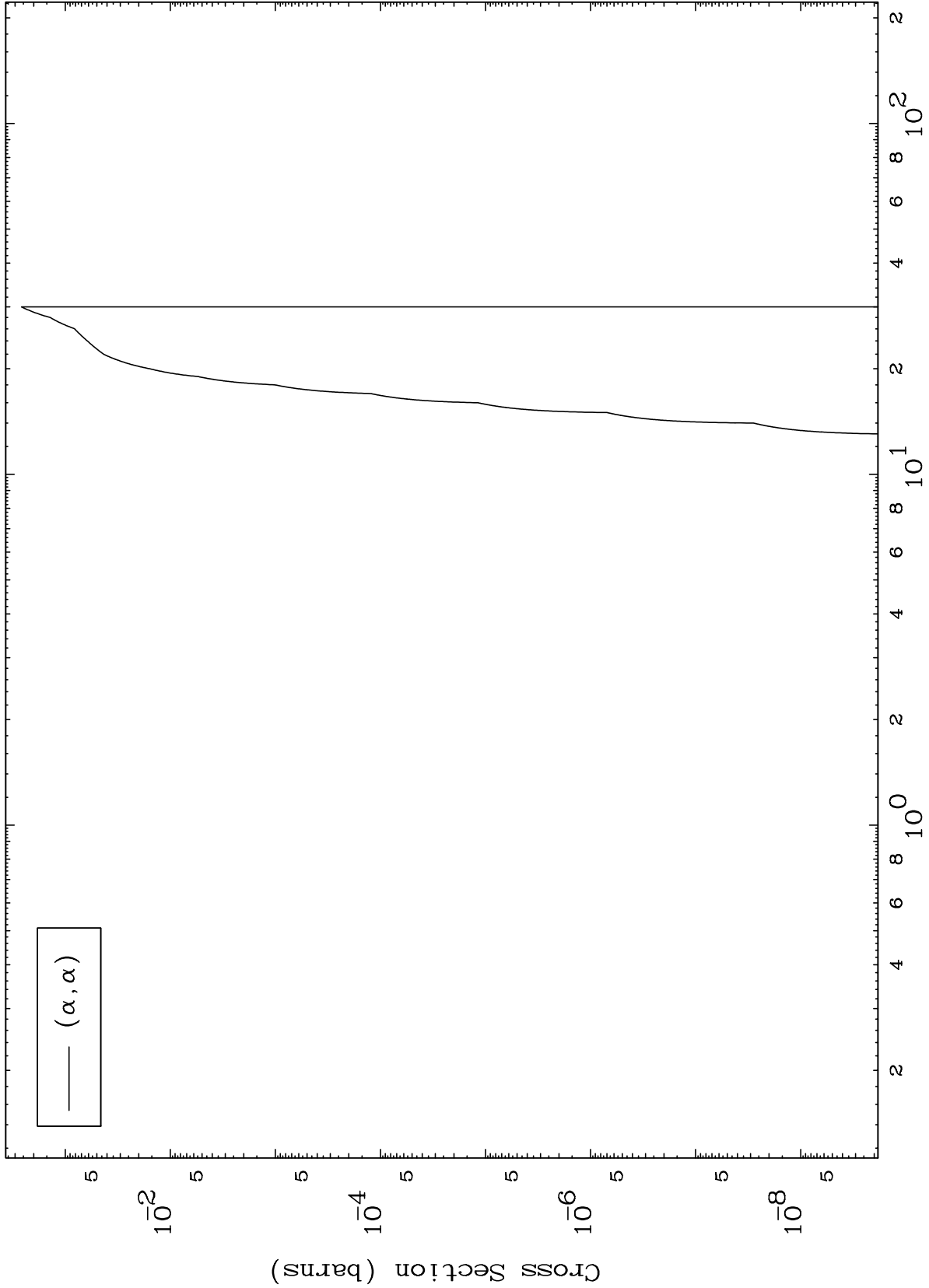


MAT 7540

(α, α) Levels

75-Re-190

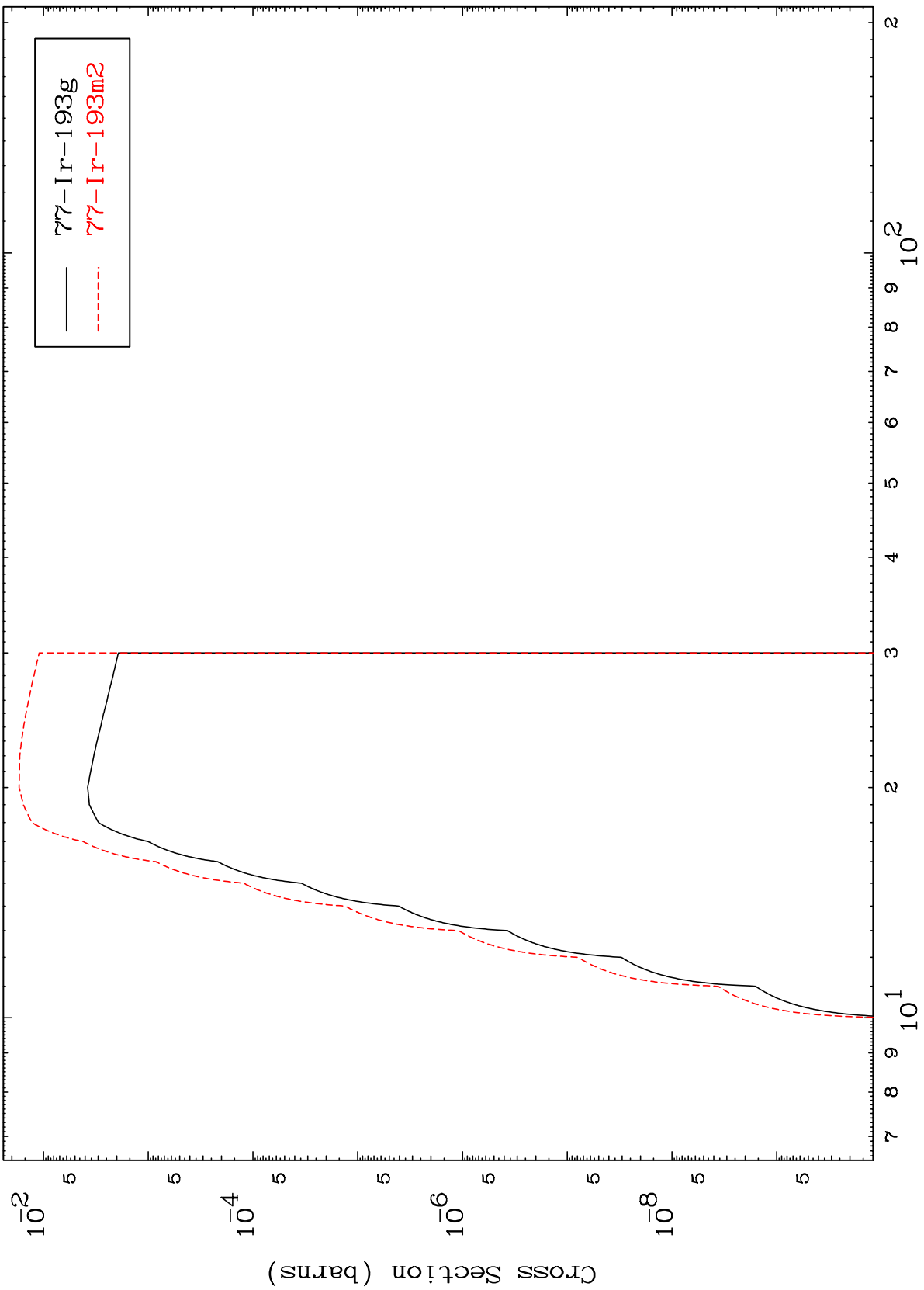
0 Kelvin Cross Sections



MAT 7540

75-Re-190

α Inelastic
Radionuclide Production Cross Section

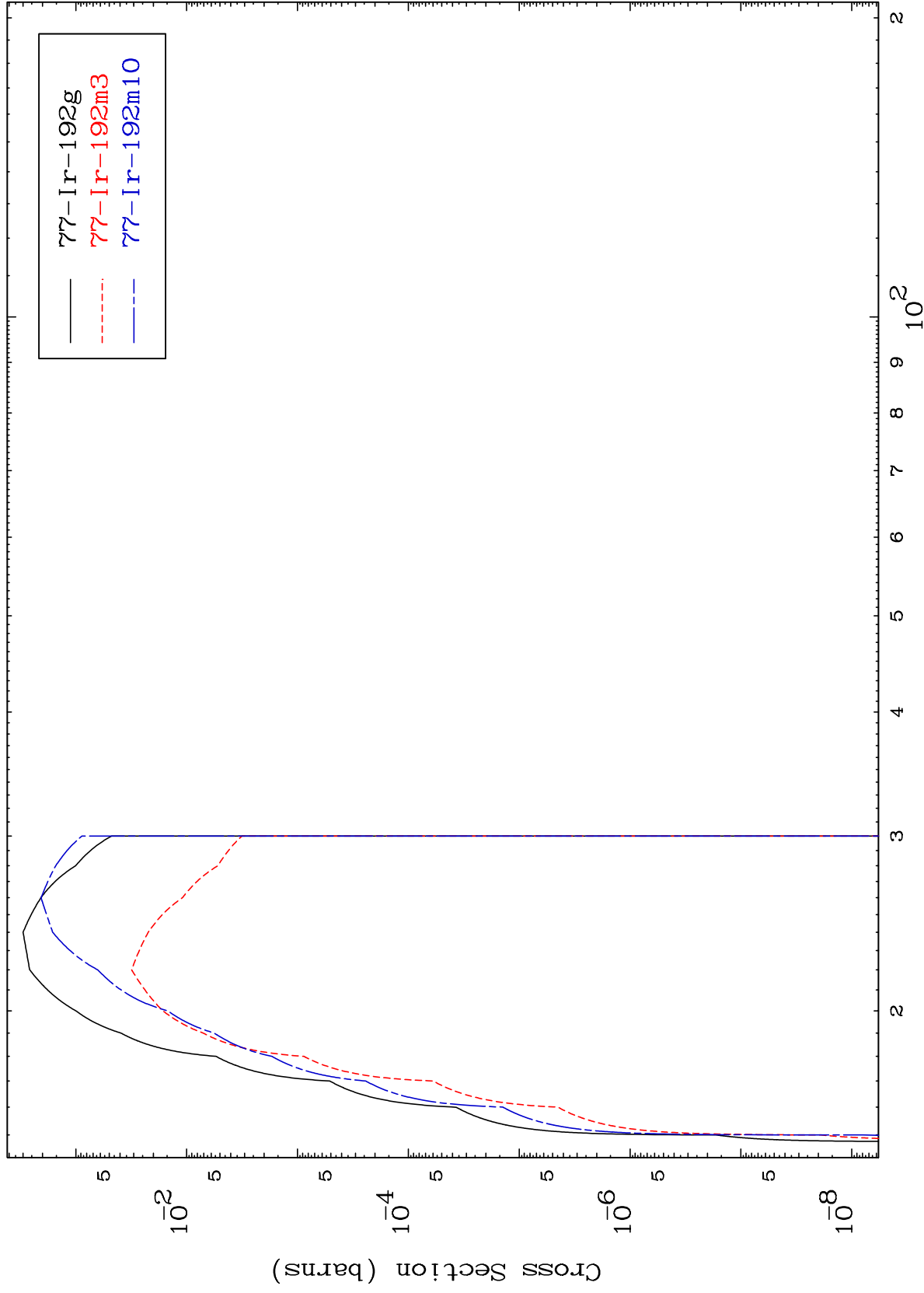


10

Incident Energy (MeV)

75-Re-190

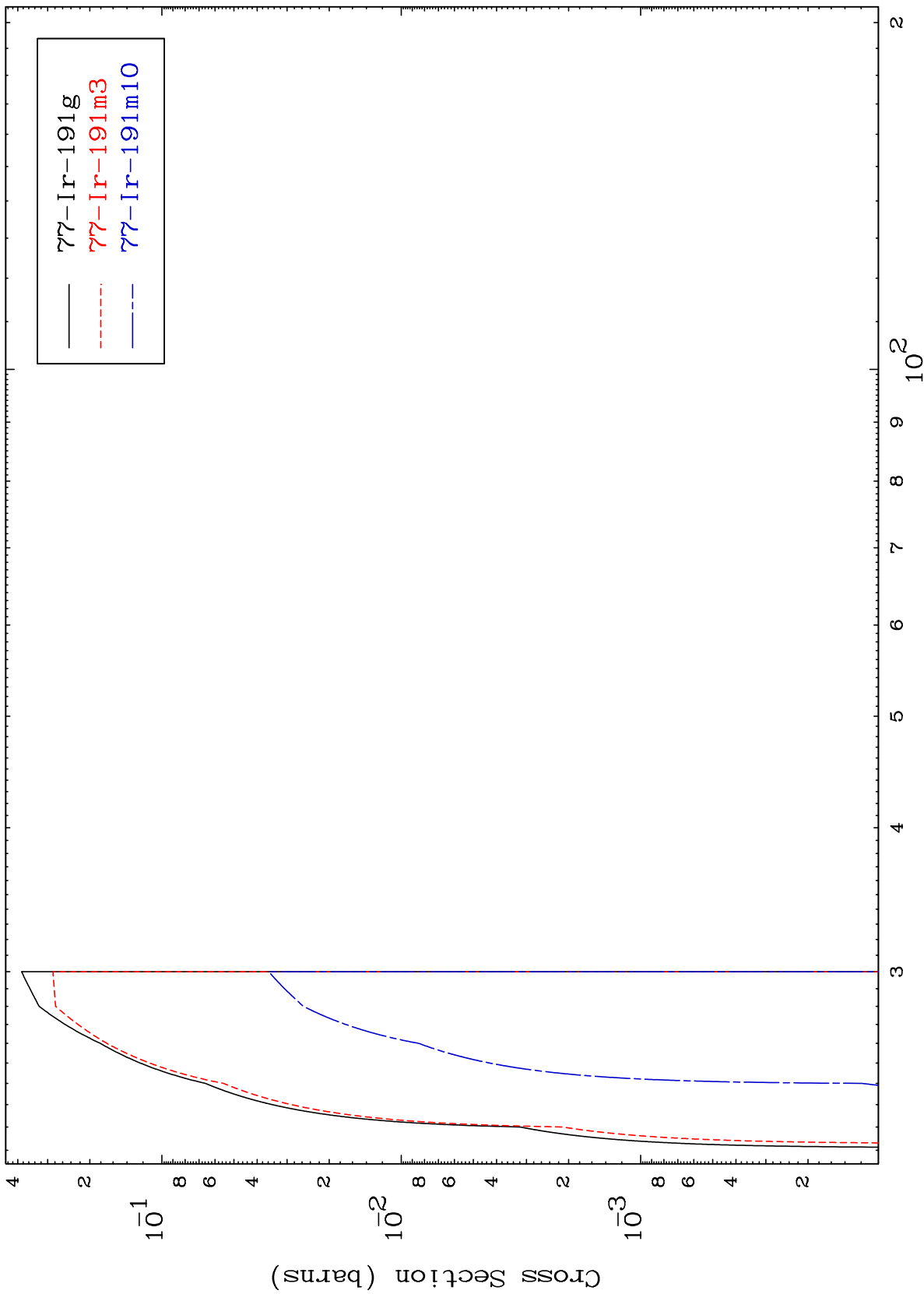
Radionuclide Production Cross Section



MAT 7540

75-Re-190

$(\alpha, 3n)$
Radionuclide Production Cross Section



12

75-Re-190

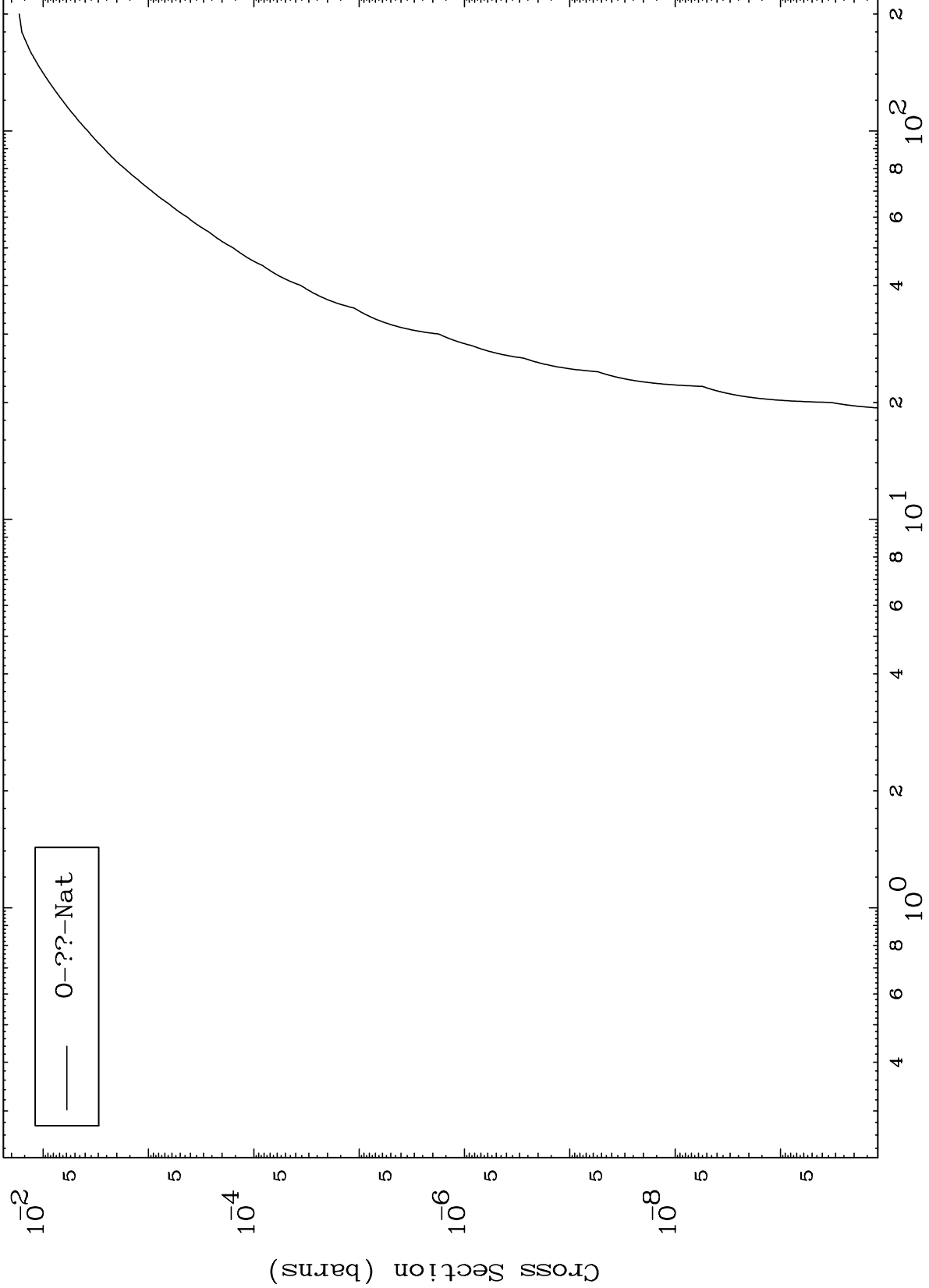
Incident Energy (MeV)

MAT 7540

α Fission

75-Re-190

Radionuclide Production Cross Section

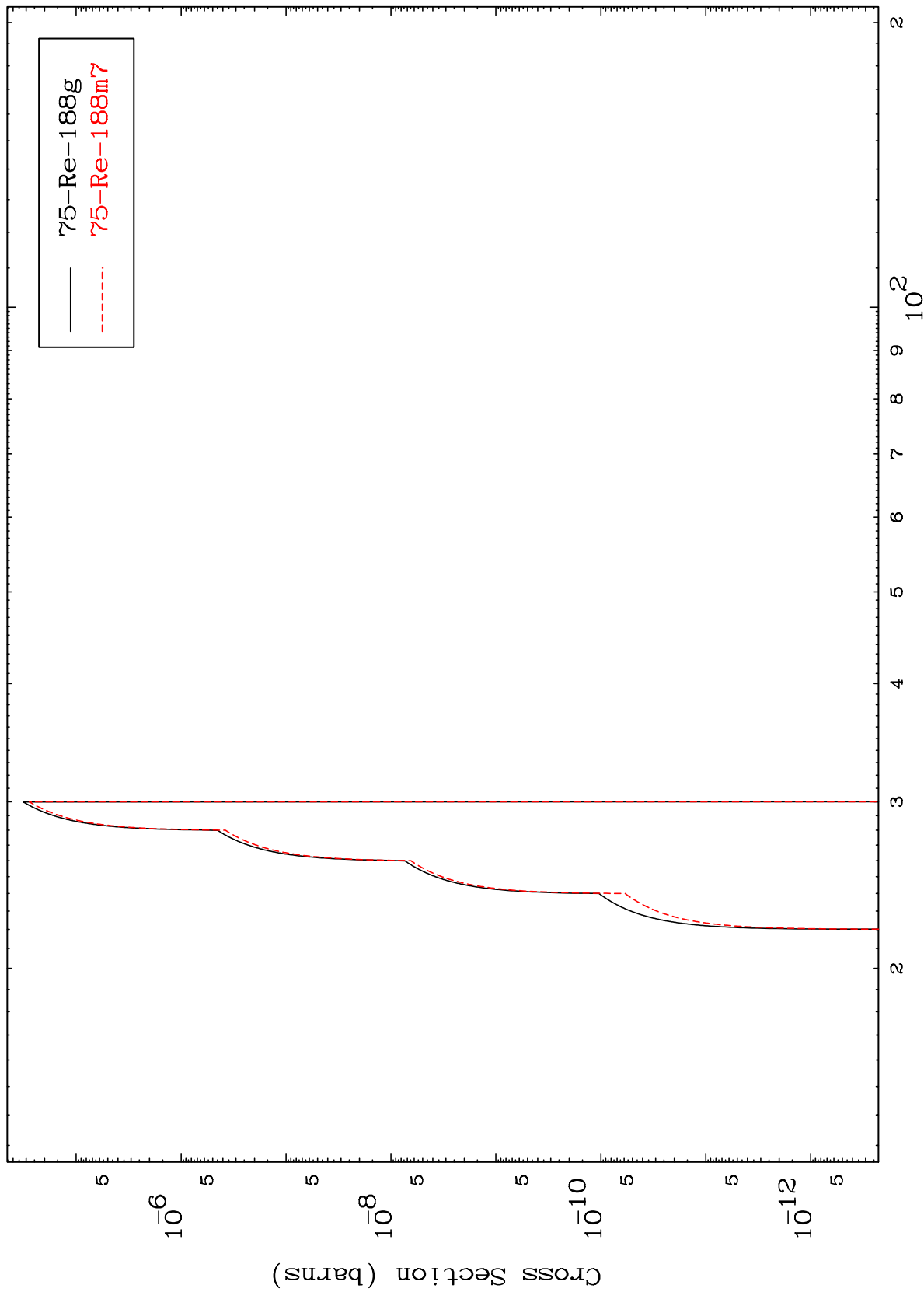


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75-Re-190

$(\alpha, 2n) \alpha$

Radionuclide Production Cross Section



14

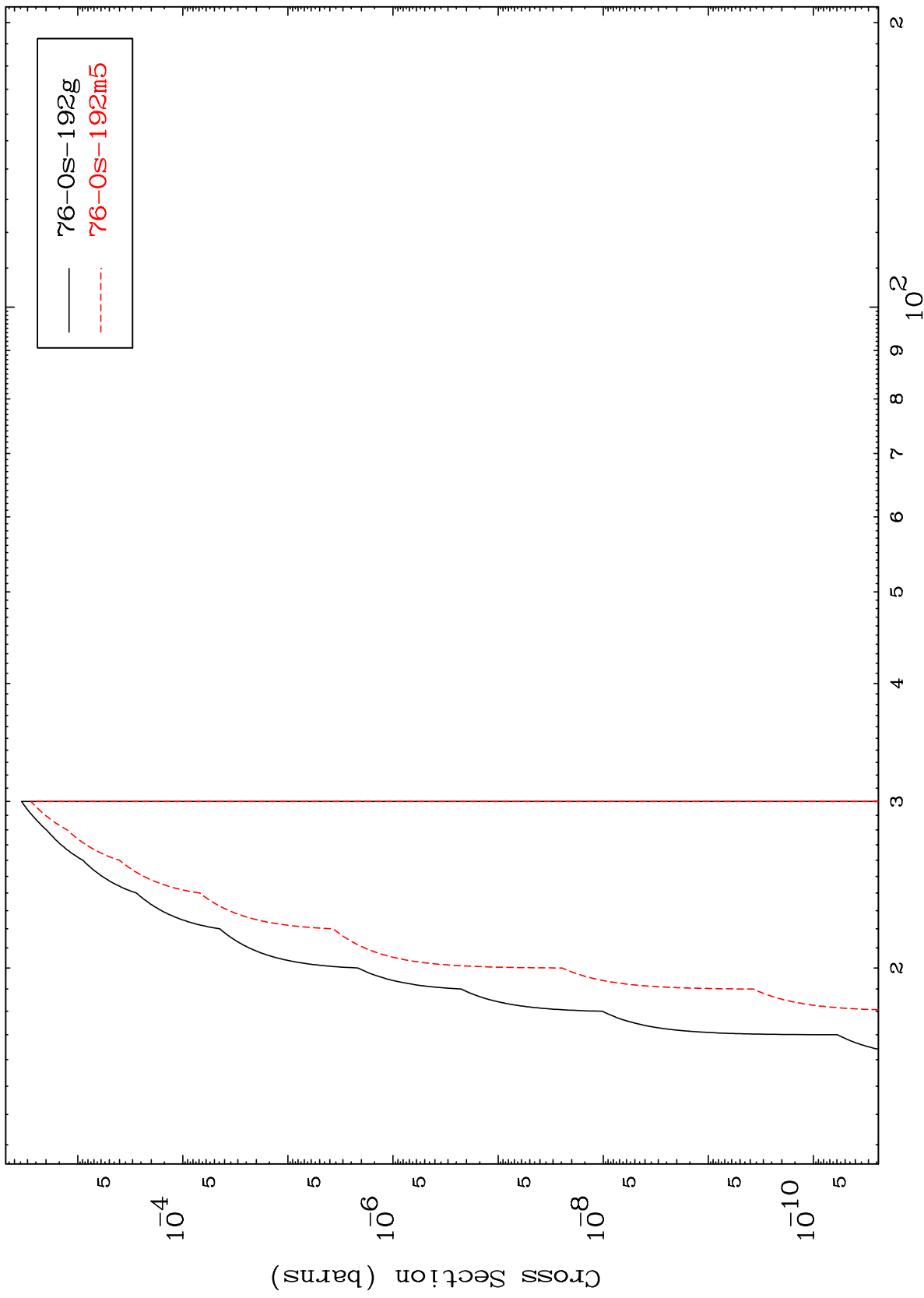
Incident Energy (MeV)

75-Re-190

MAT 7540

75-Re-190

(α, n') p
Radionuclide Production Cross Section



15

Incident Energy (MeV)

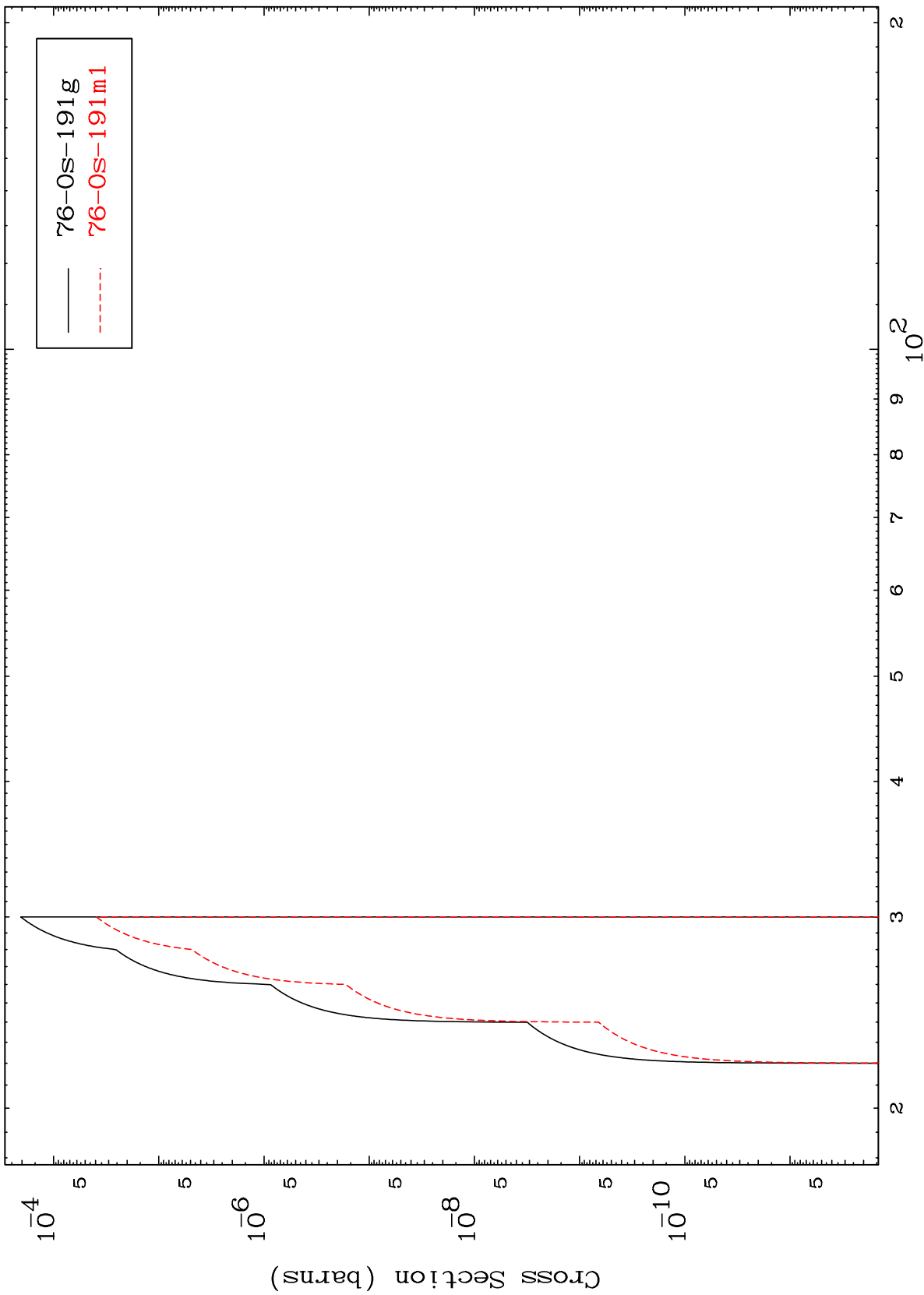
75-Re-190

MAT 7540

(α, n') d

75-Re-190

Radionuclide Production Cross Section



16

Incident Energy (MeV)

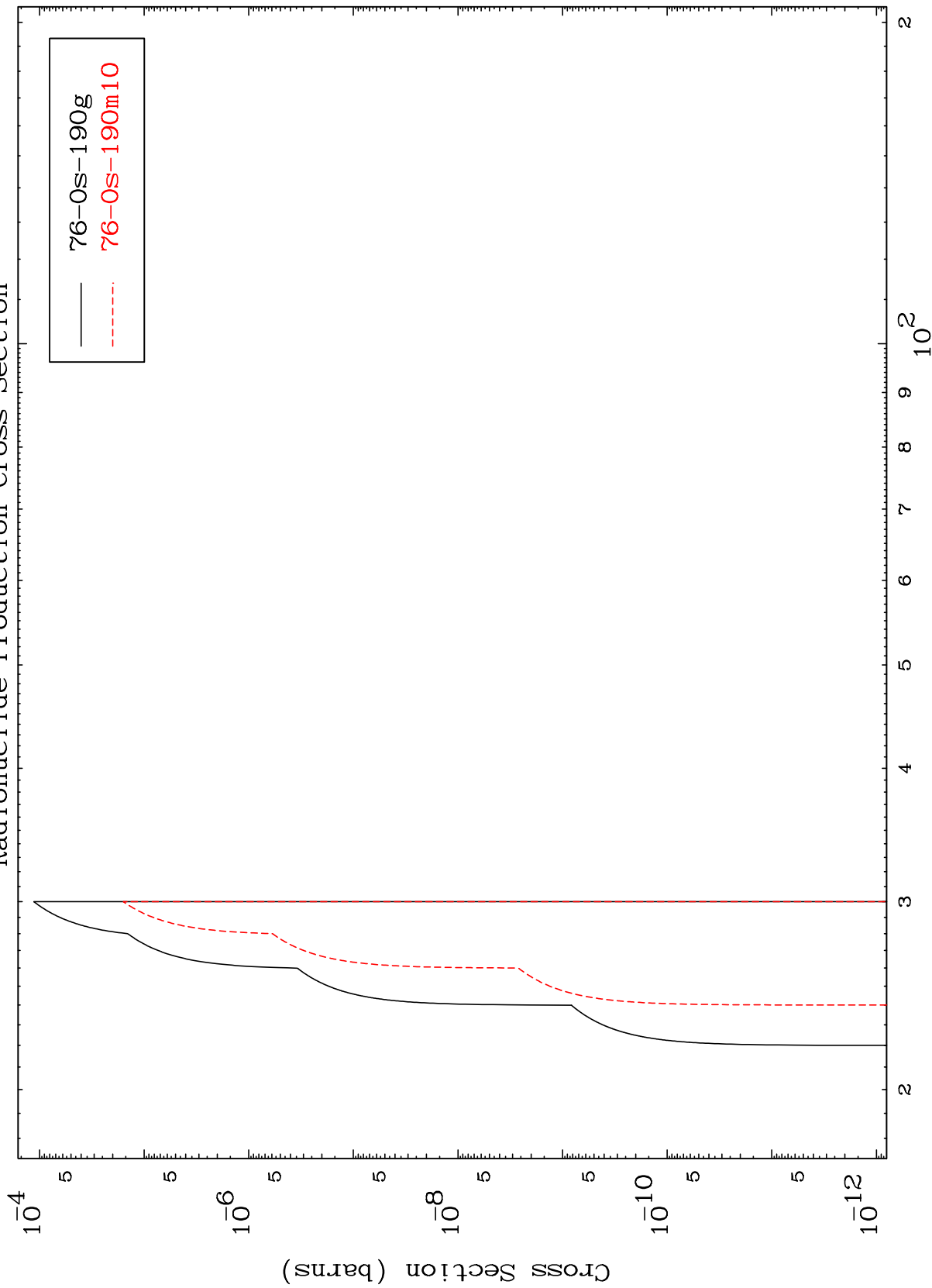
75-Re-190

MAT 7540

(α, n') t

75-Re-190

Radionuclide Production Cross Section

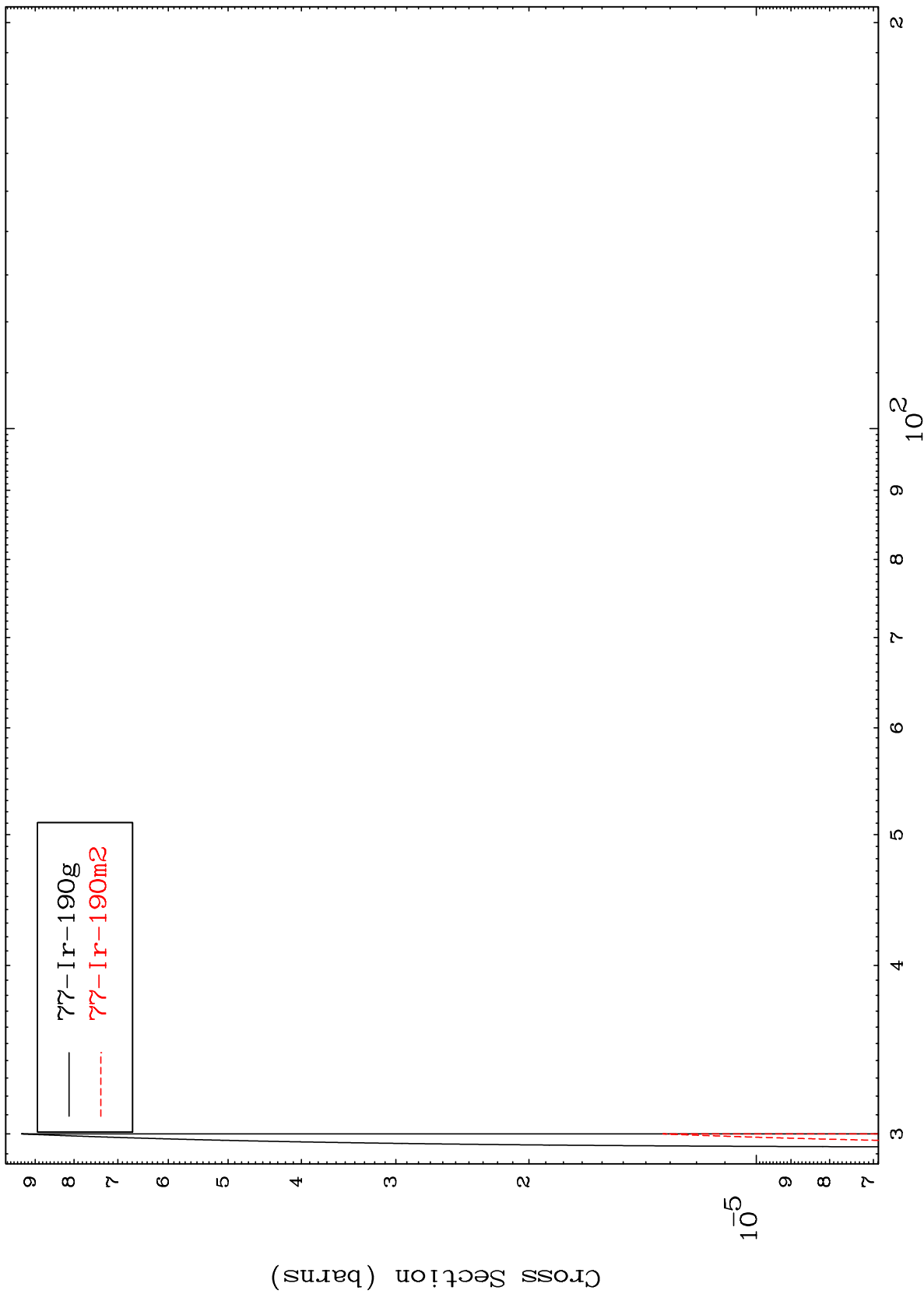


76-Os-190g
76-Os-190m10

MAT 7540

75-Re-190

($\alpha, 4n$)
Radionuclide Production Cross Section



18

75-Re-190

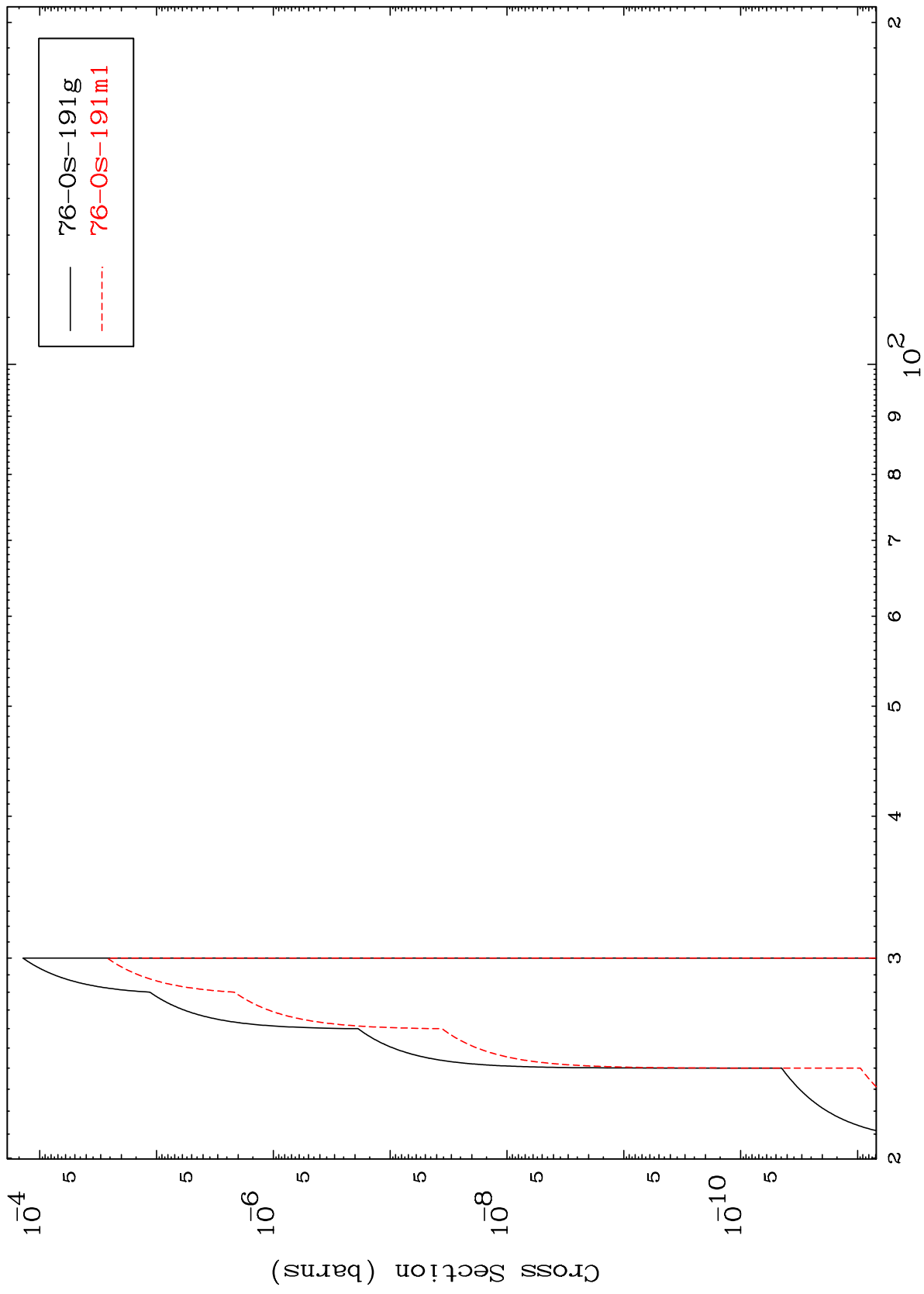
Incident Energy (MeV)

MAT 7540

$(\alpha, 2n)$ p

75-Re-190

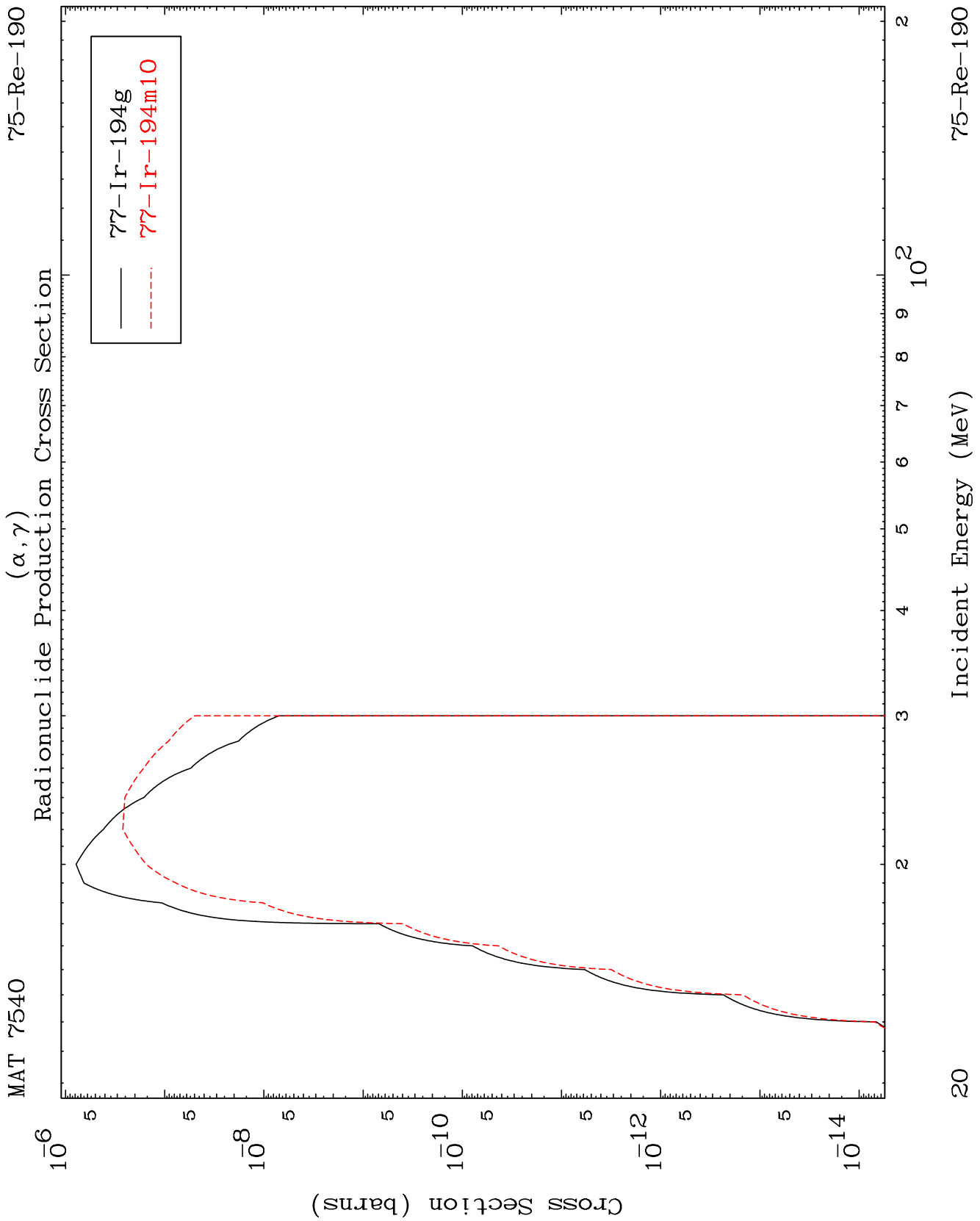
Radionuclide Production Cross Section



19

Incident Energy (MeV)

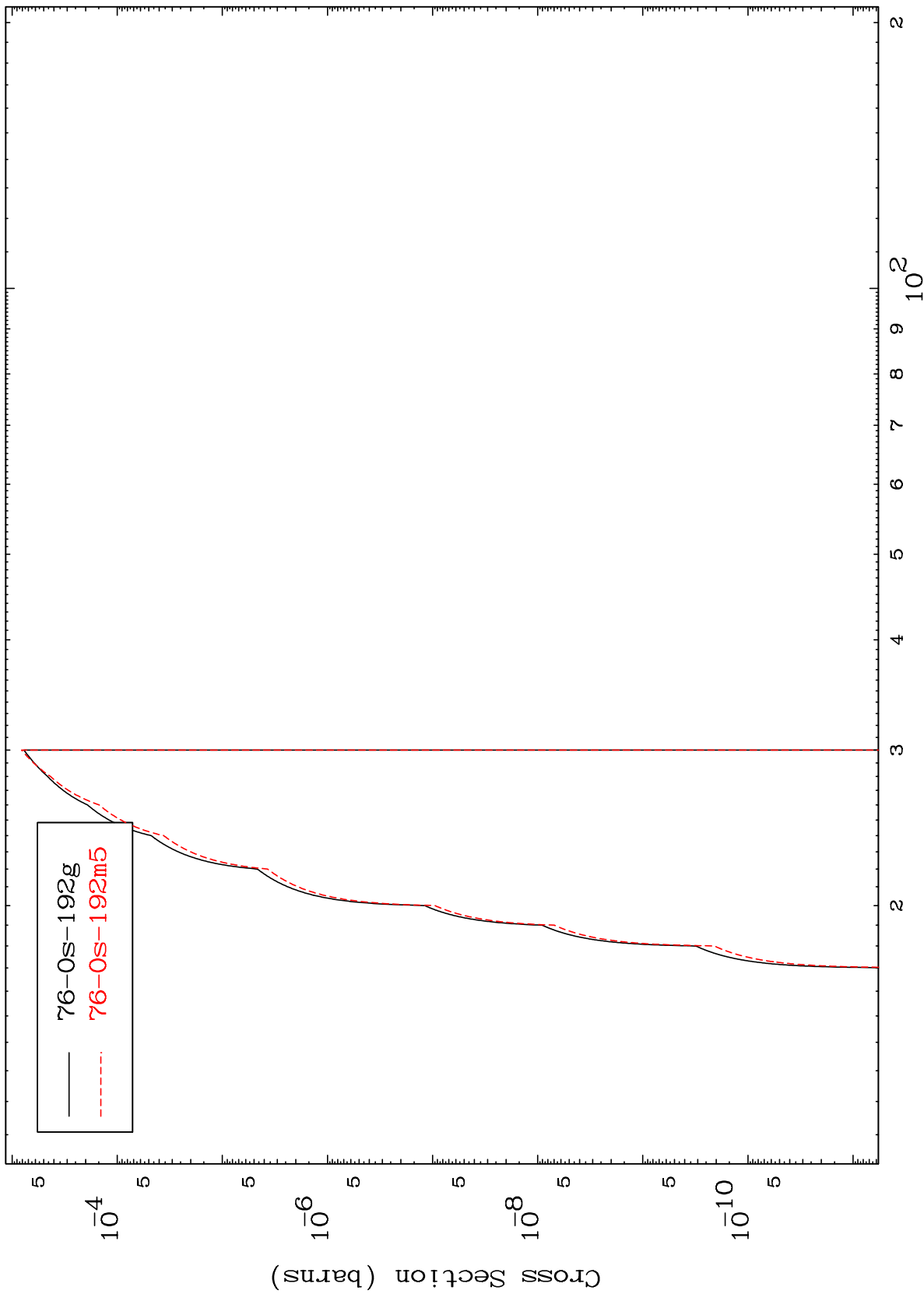
75-Re-190



MAT 7540

75-Re-190

(α, d)
Radionuclide Production Cross Section

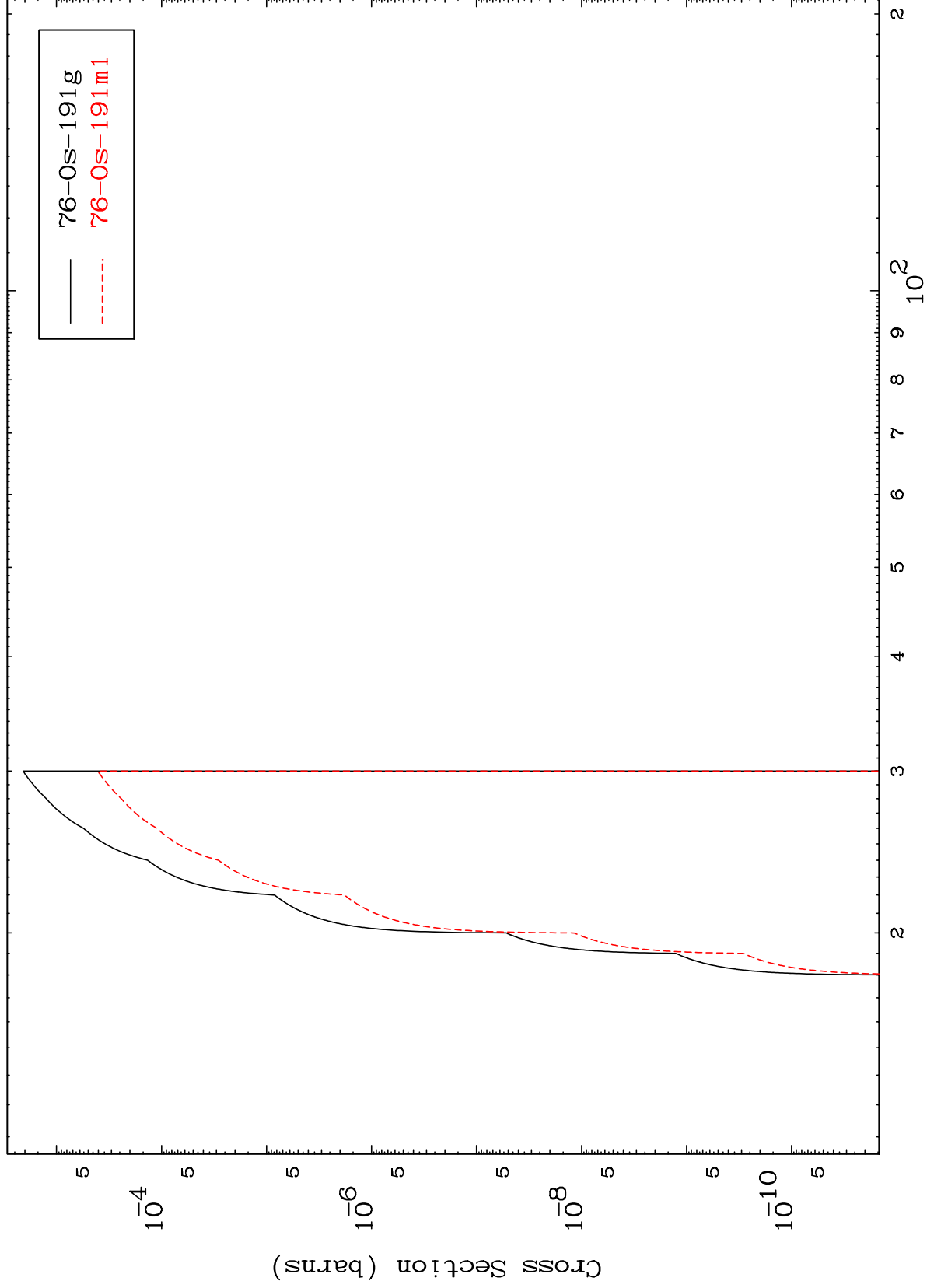


Incident Energy (MeV)

75-Re-190

21

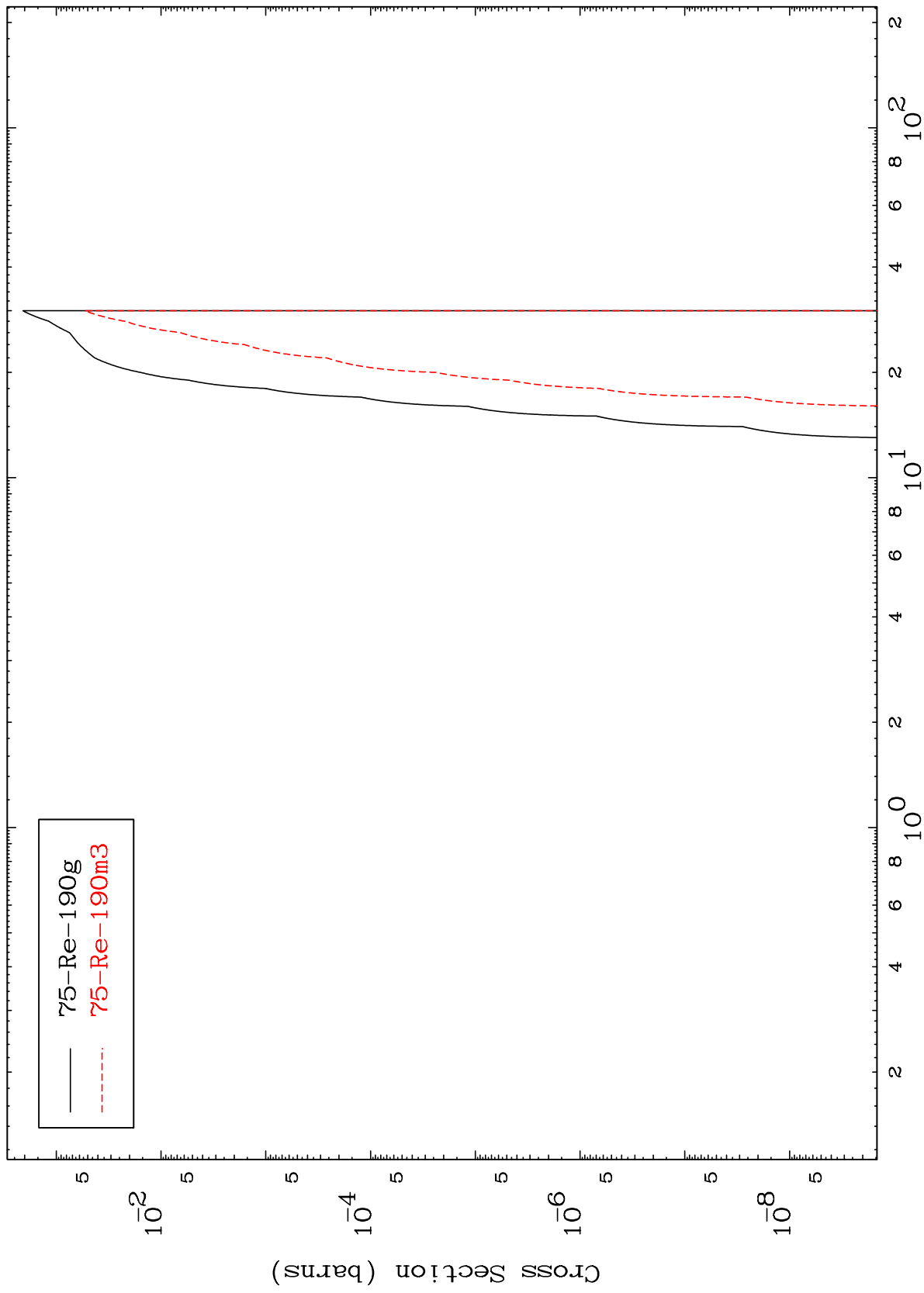
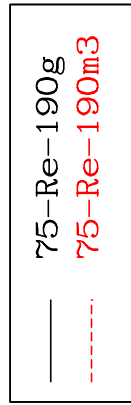
Radionuclide Production Cross Section



MAT 7540

75-Re-190

Radionuclide Production Cross Section



75-Re-190

Incident Energy (MeV)

23