

Program EVALPLOT
(Version 2018-1)

by

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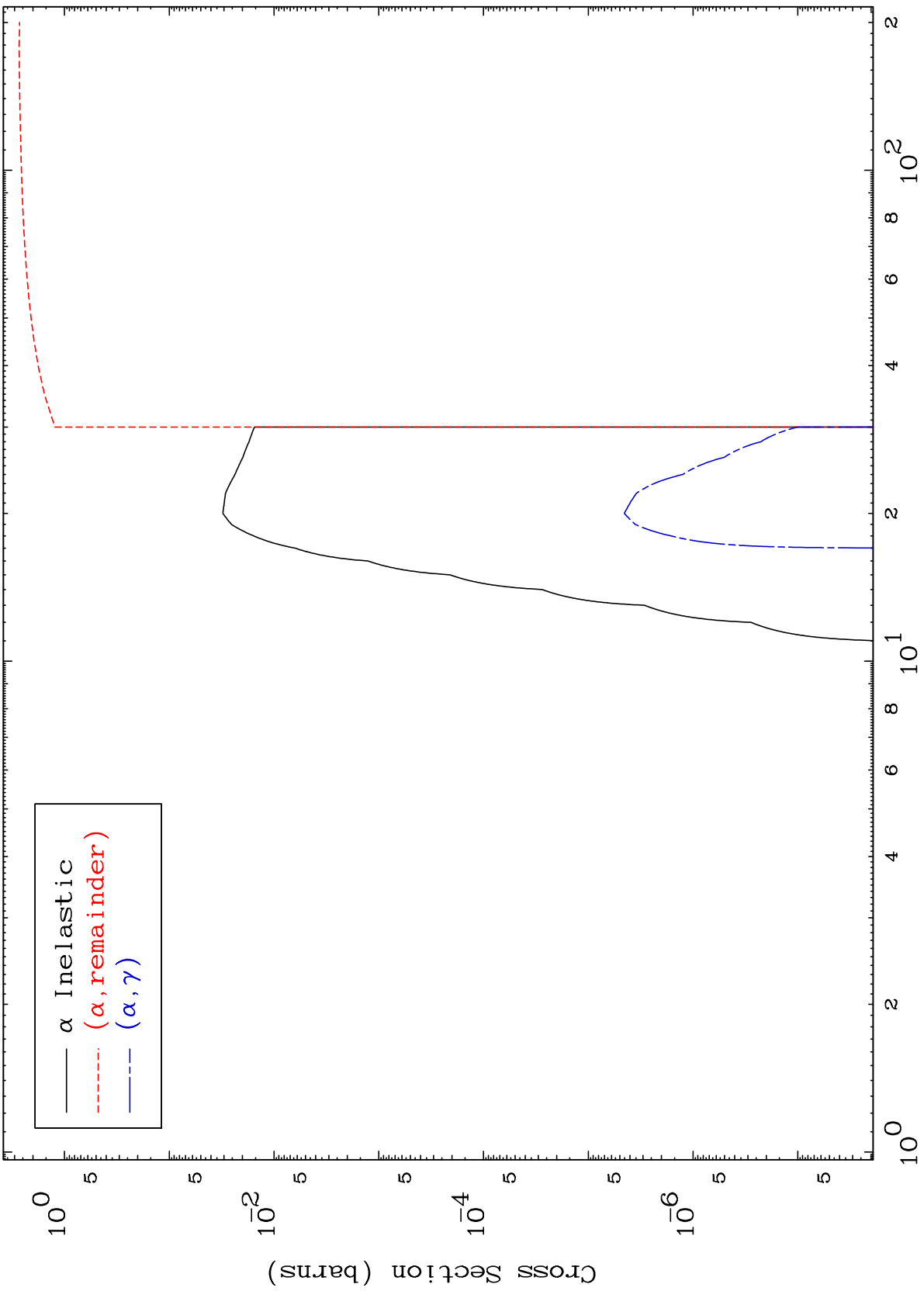
Press Mouse Button to Start

MAT 7537

α Major

75-Re-189

0 Kelvin Cross Sections



α Inelastic
(α , remainder)
(α , γ)

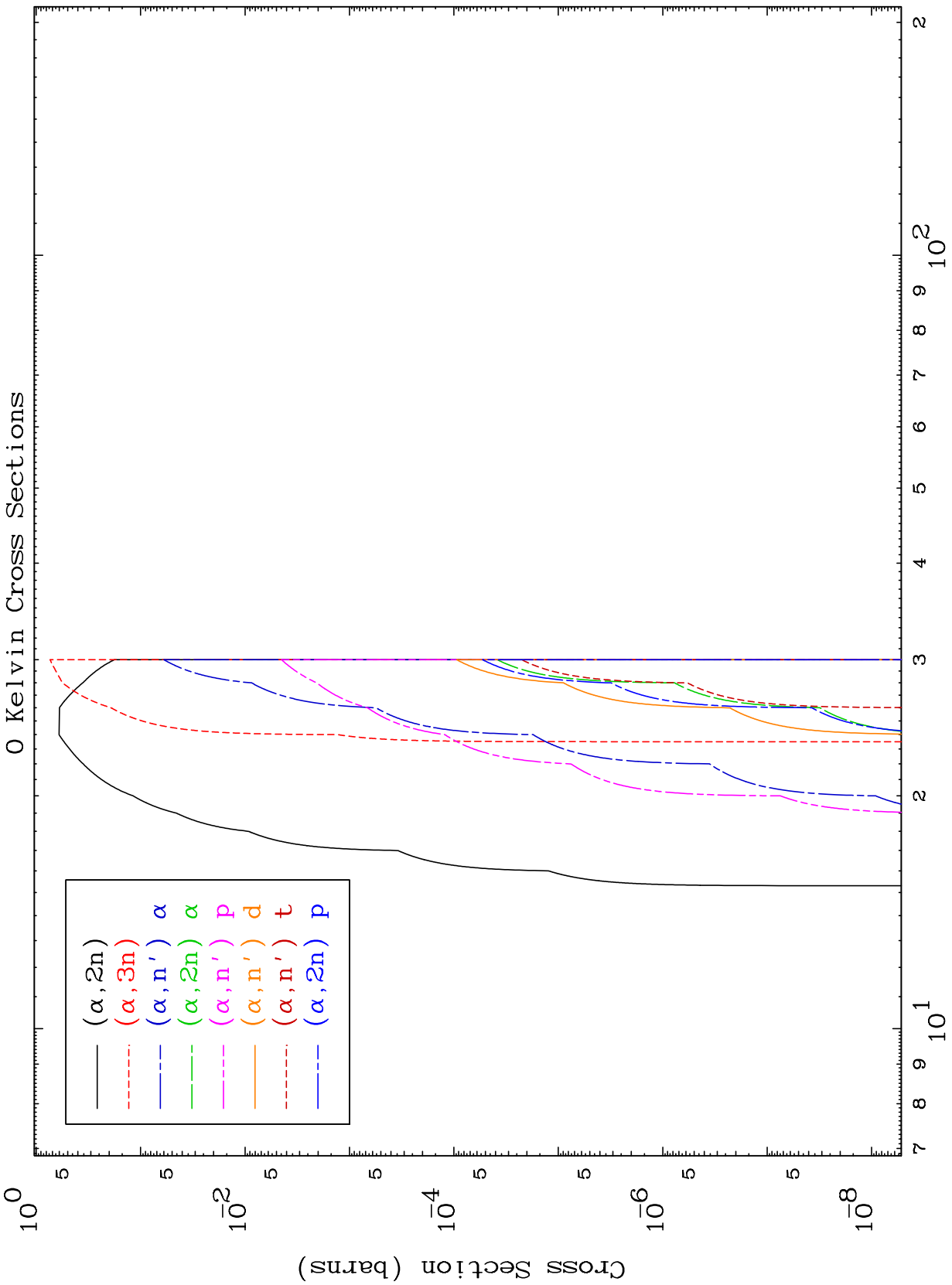
Incident Energy (MeV)

75-Re-189

MAT 7537

α Neutron Production
0 Kelvin Cross Sections

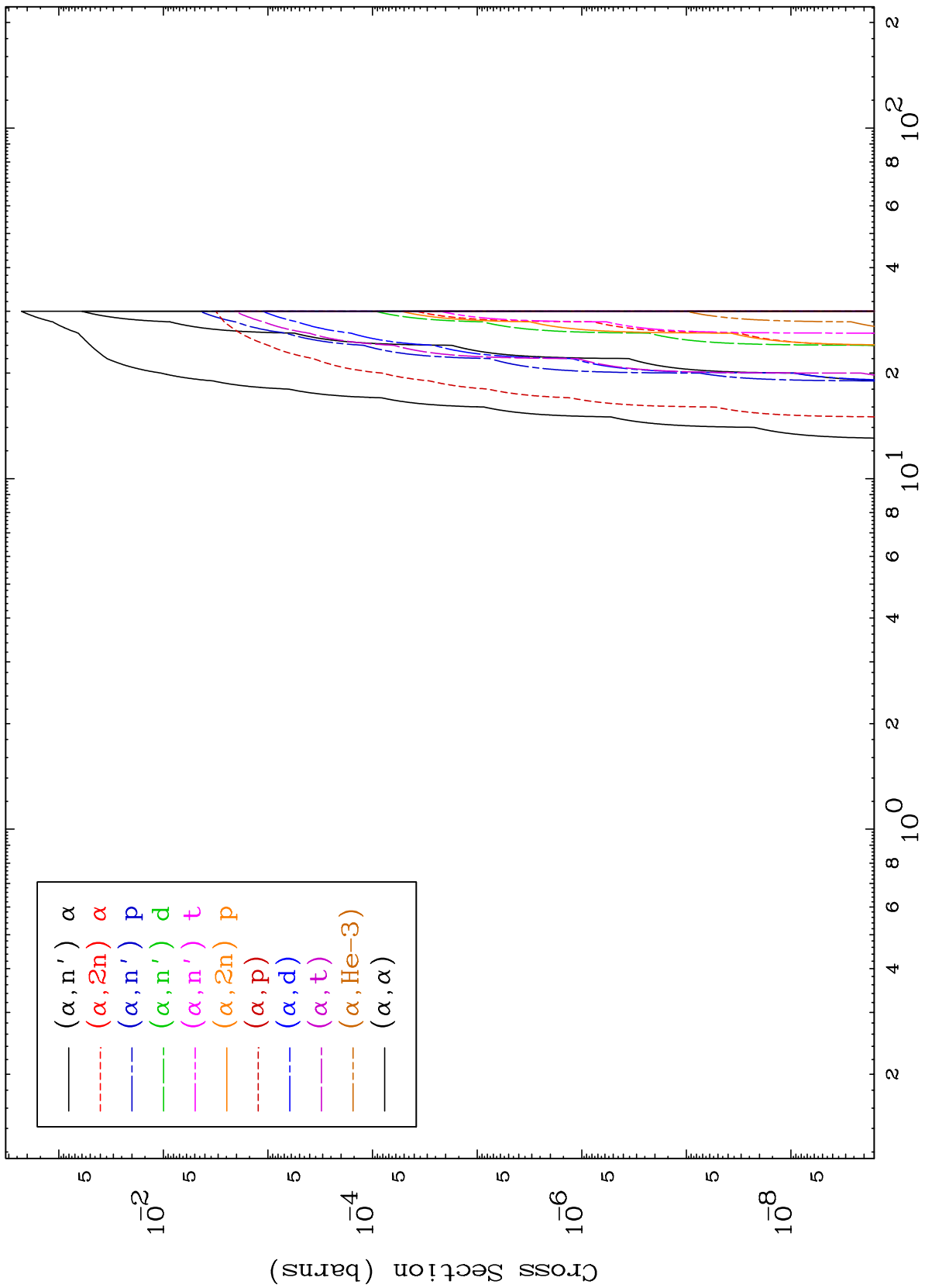
75-Re-189



Incident Energy (MeV)

75-Re-189

2

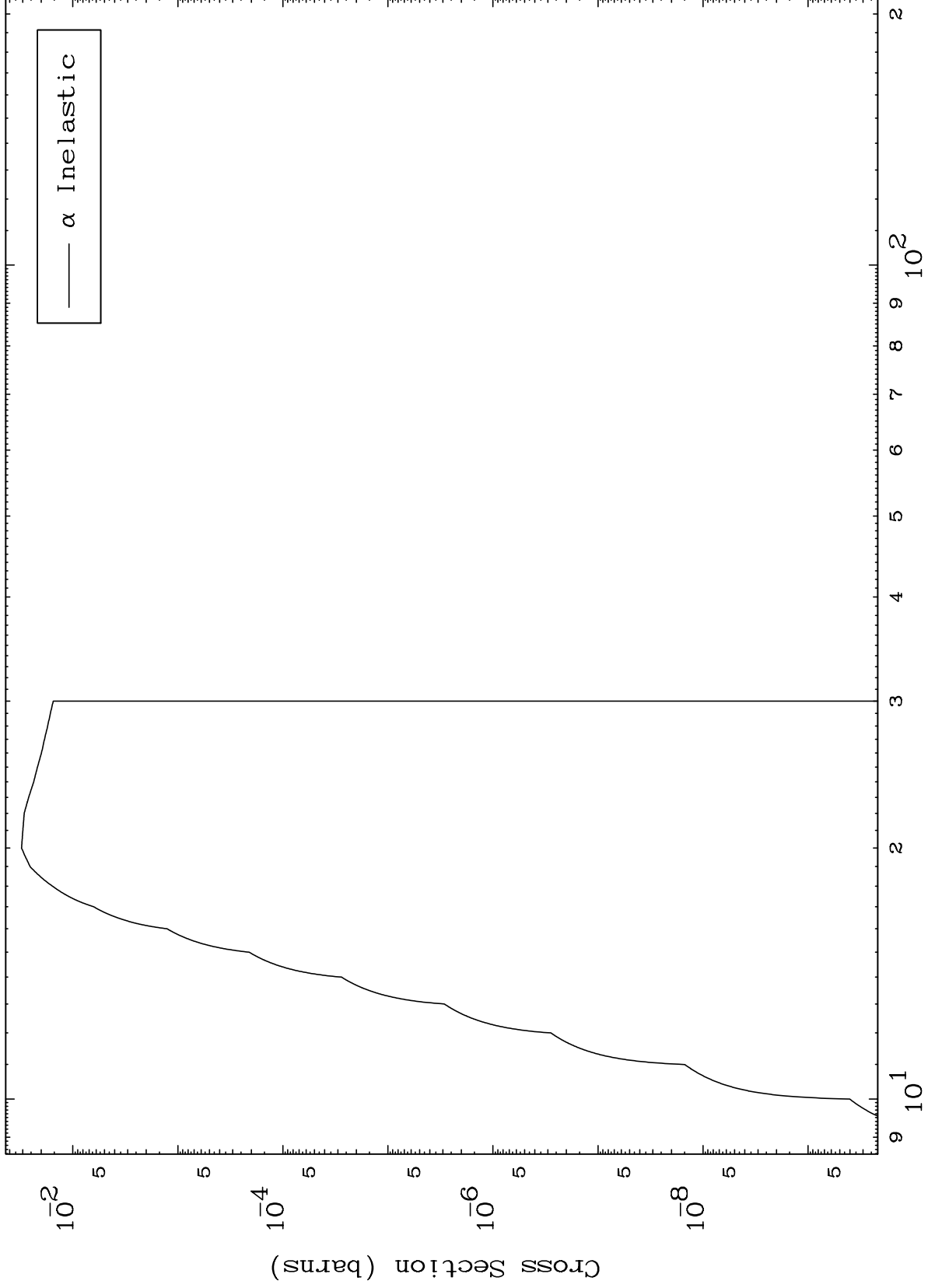


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(α, n') Level

75-Re-189

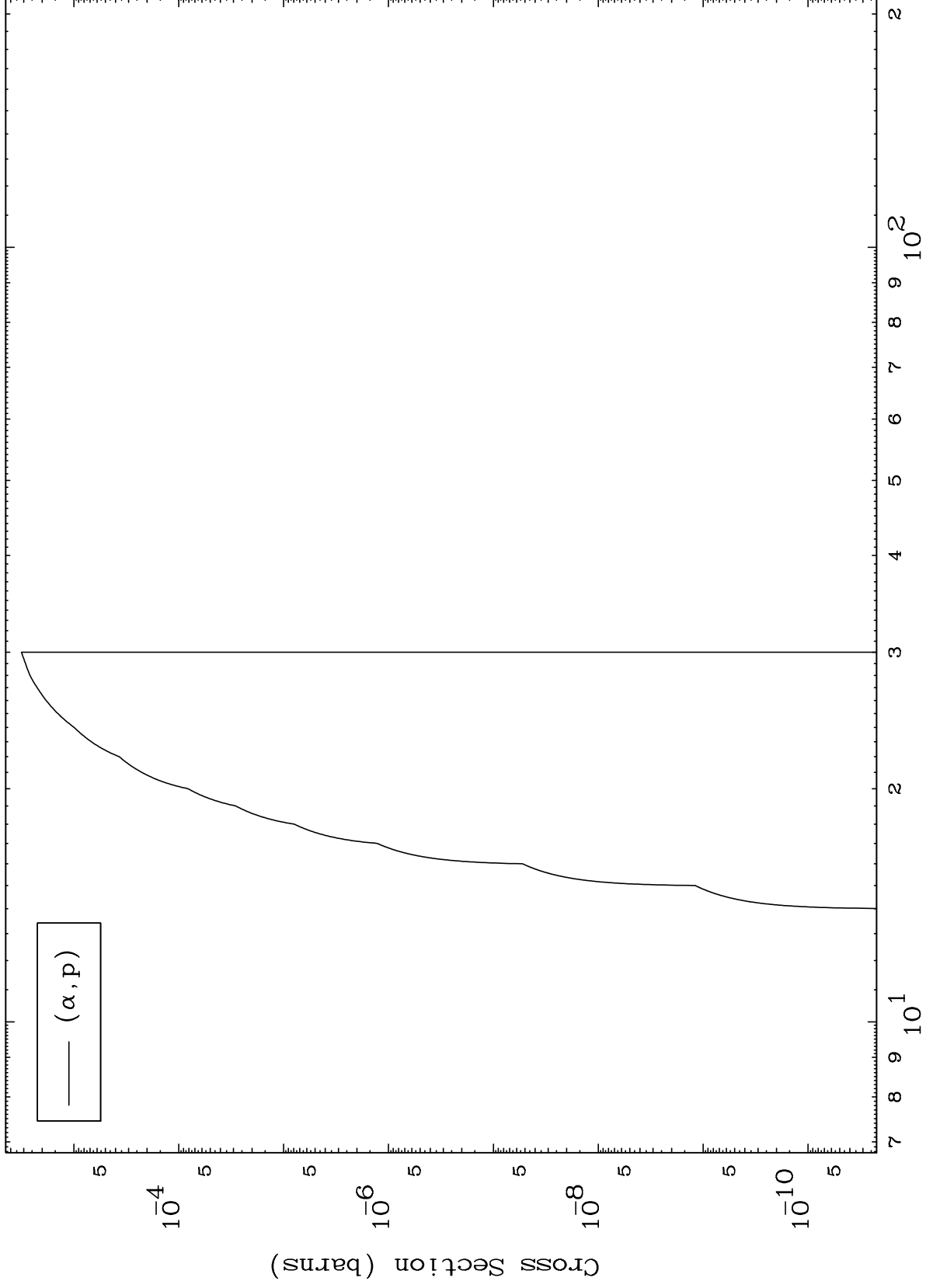
0 Kelvin Cross Sections

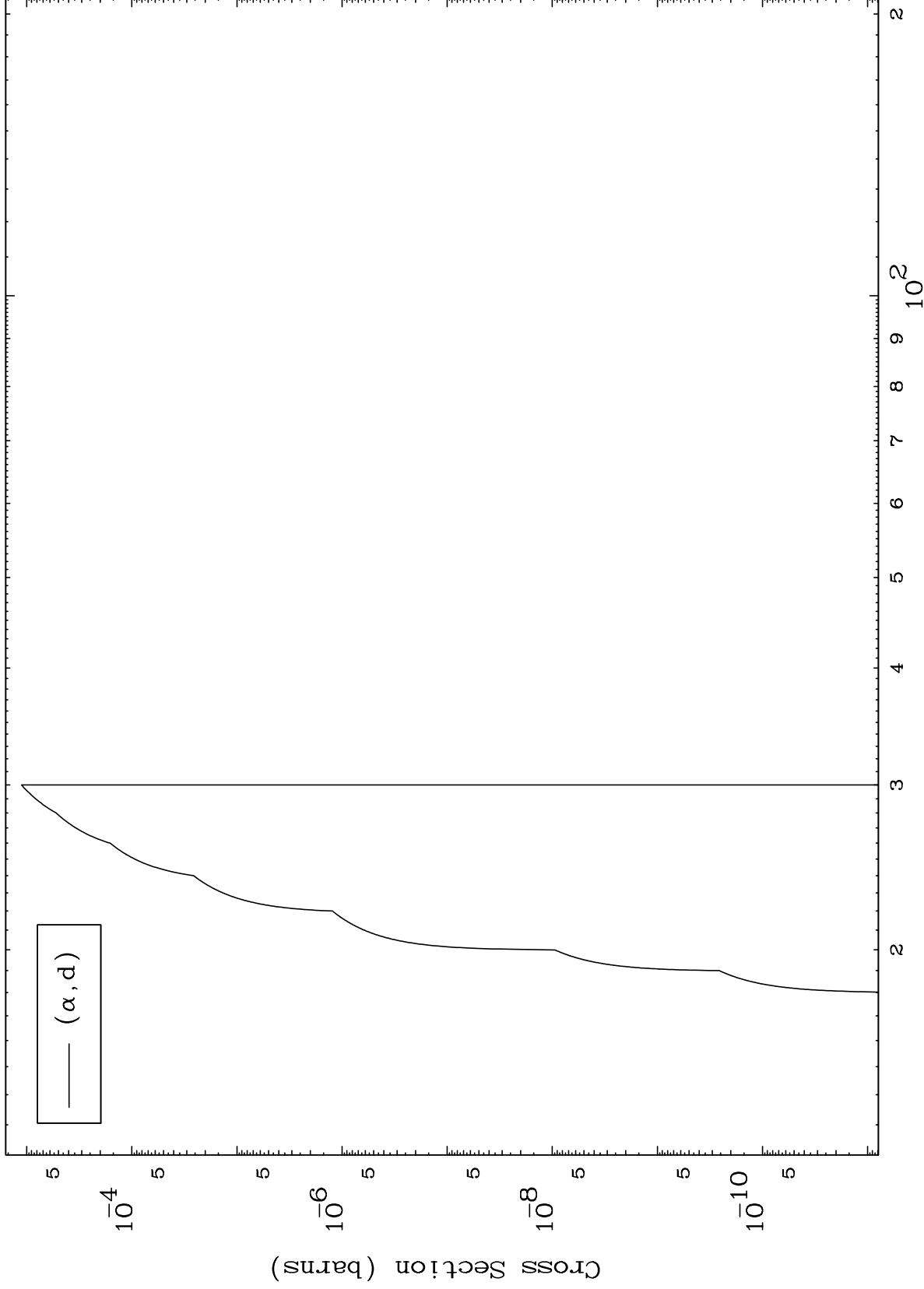


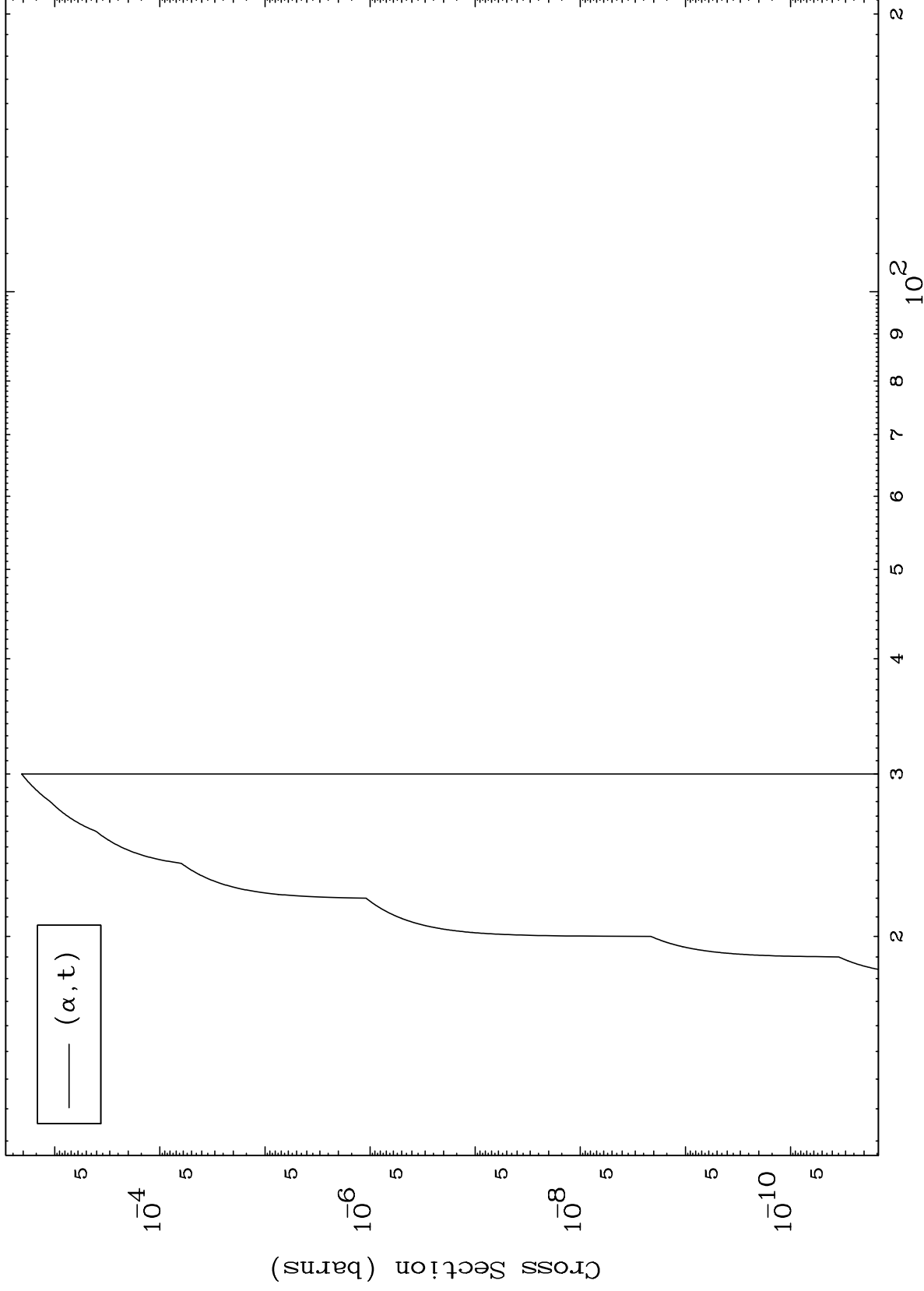
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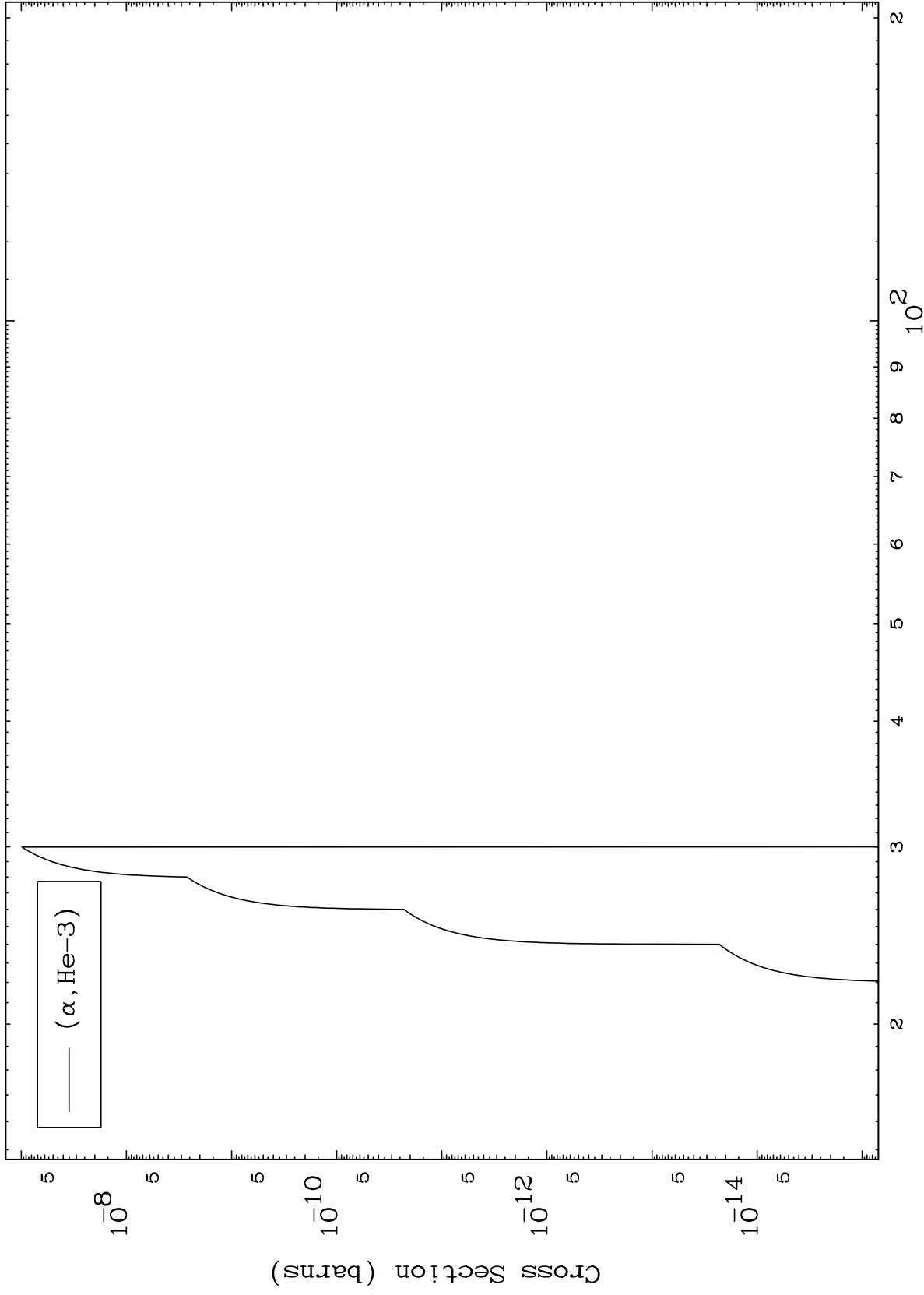
Incident Energy (MeV)

75-Re-189

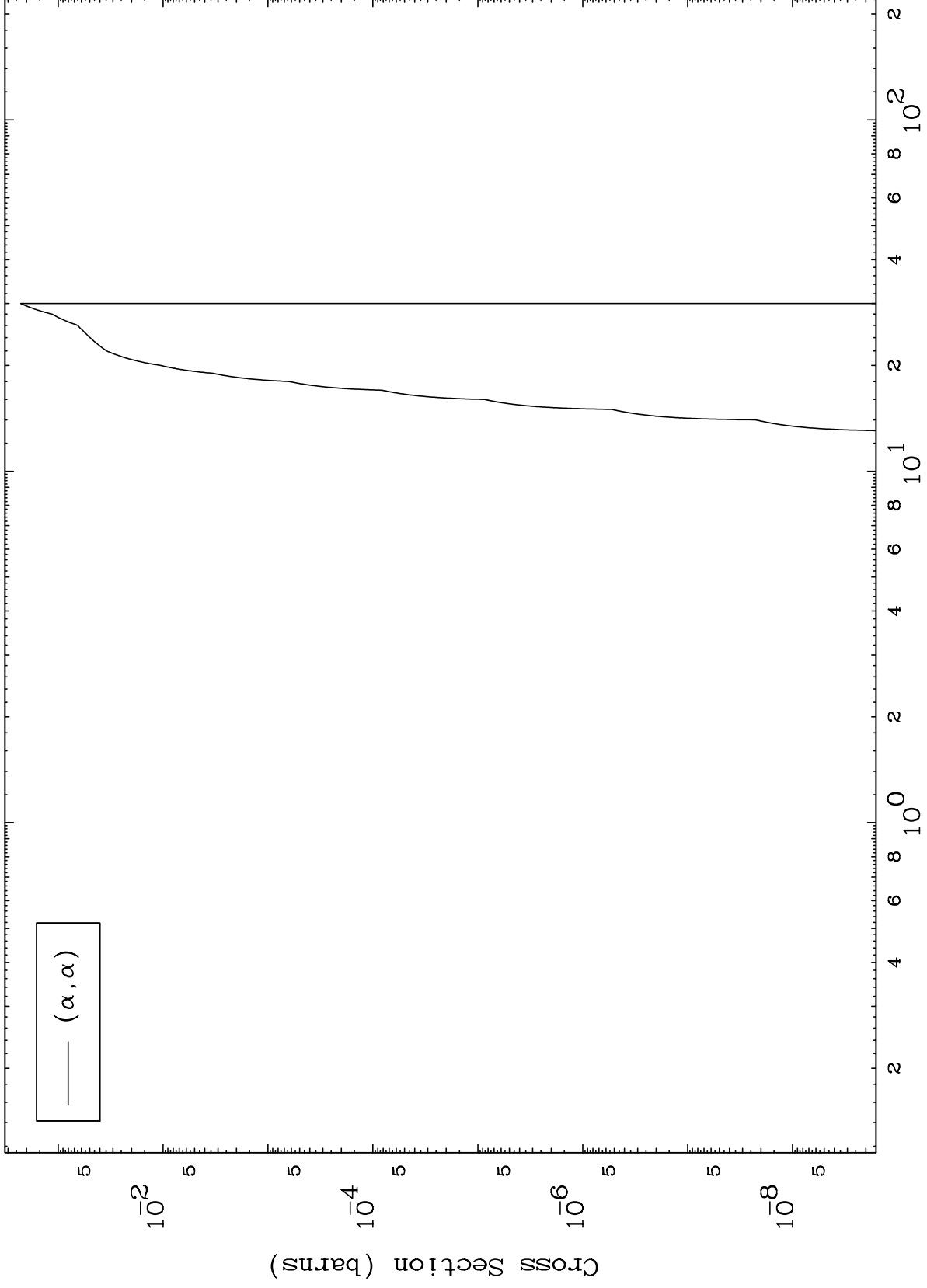








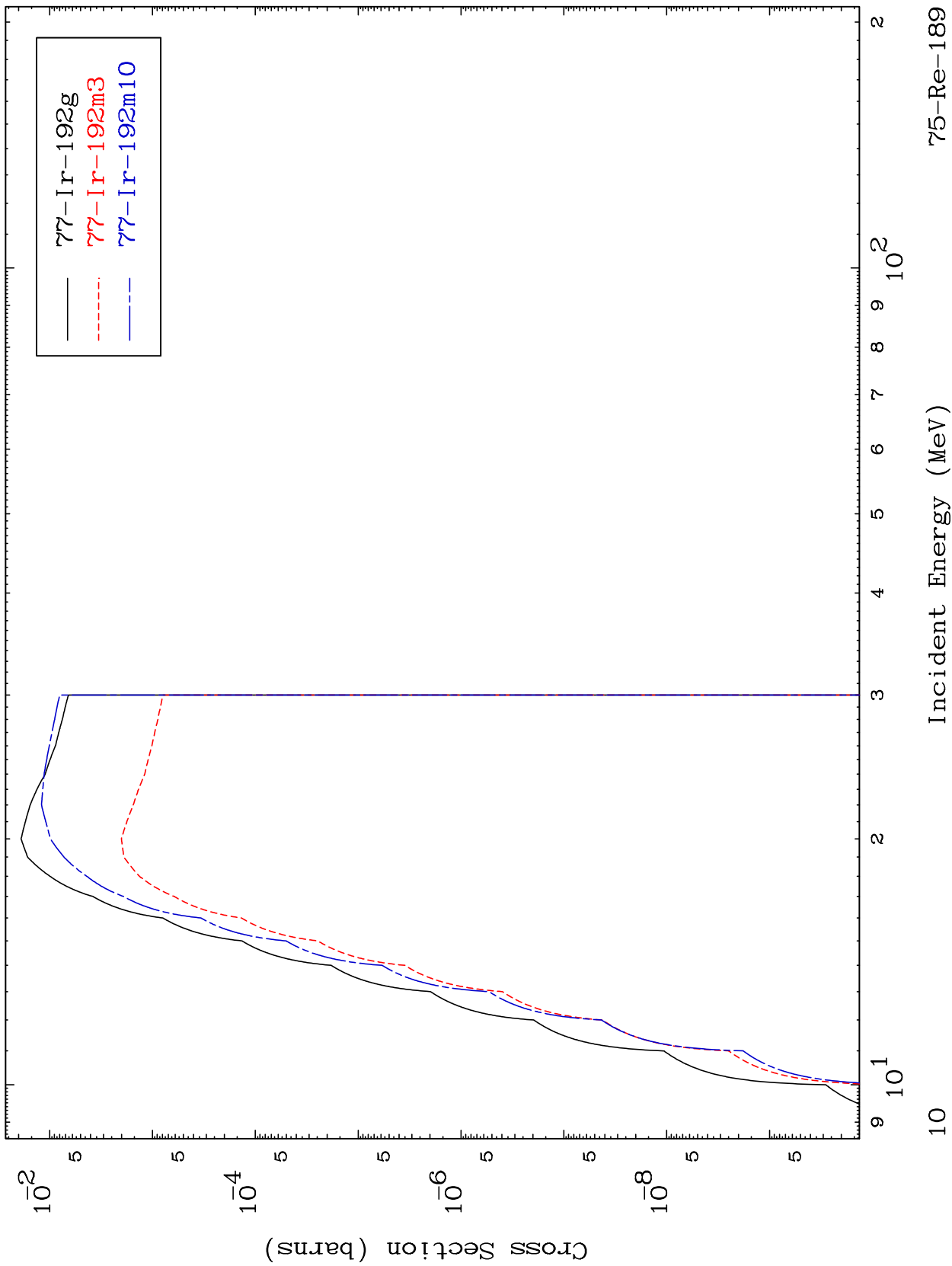
0 Kelvin Cross Sections



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75-Re-189

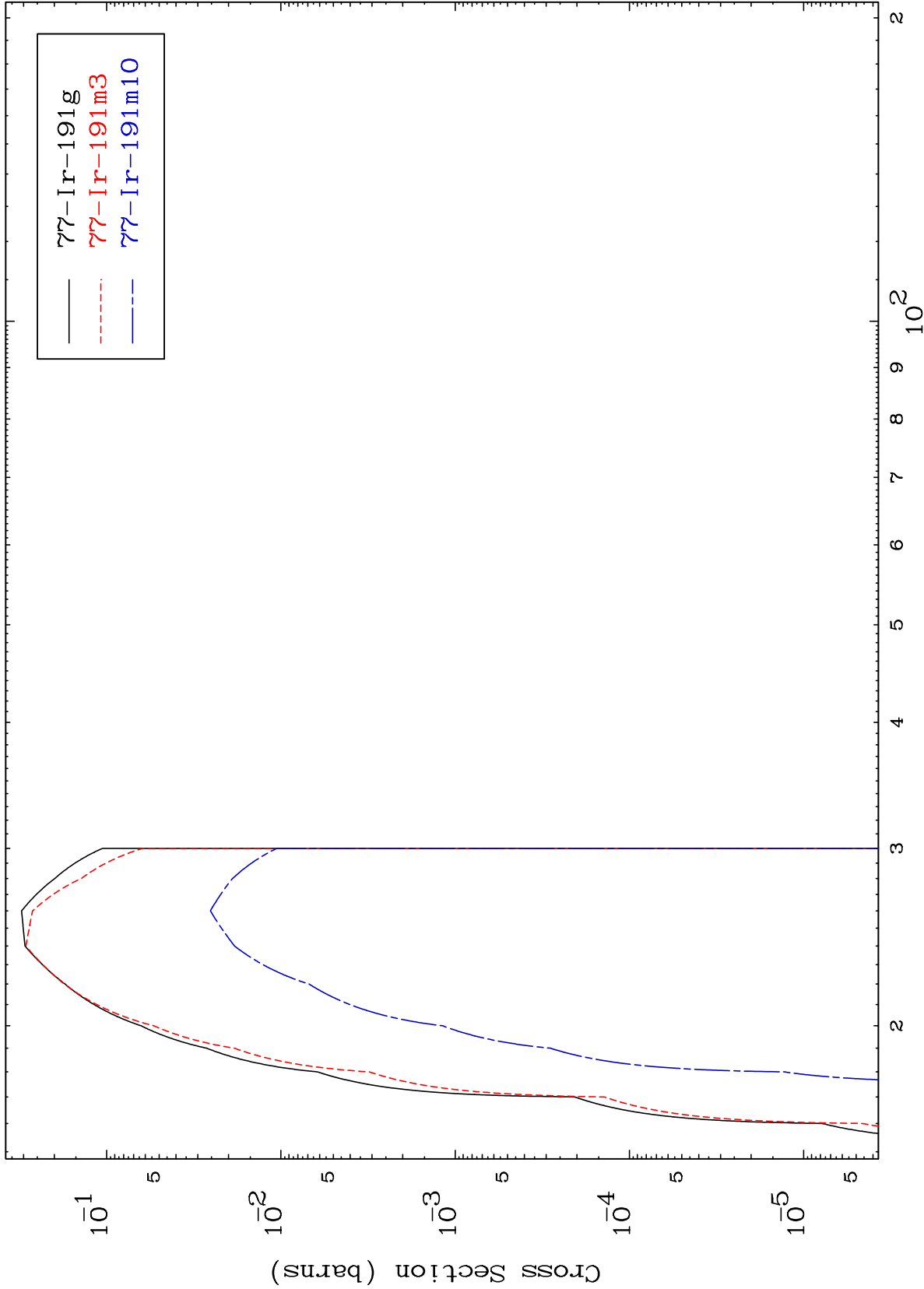
Radionuclide Production Cross Section
 α Inelastic



75-Re-189

Incident Energy (MeV)

Radionuclide Production Cross Section

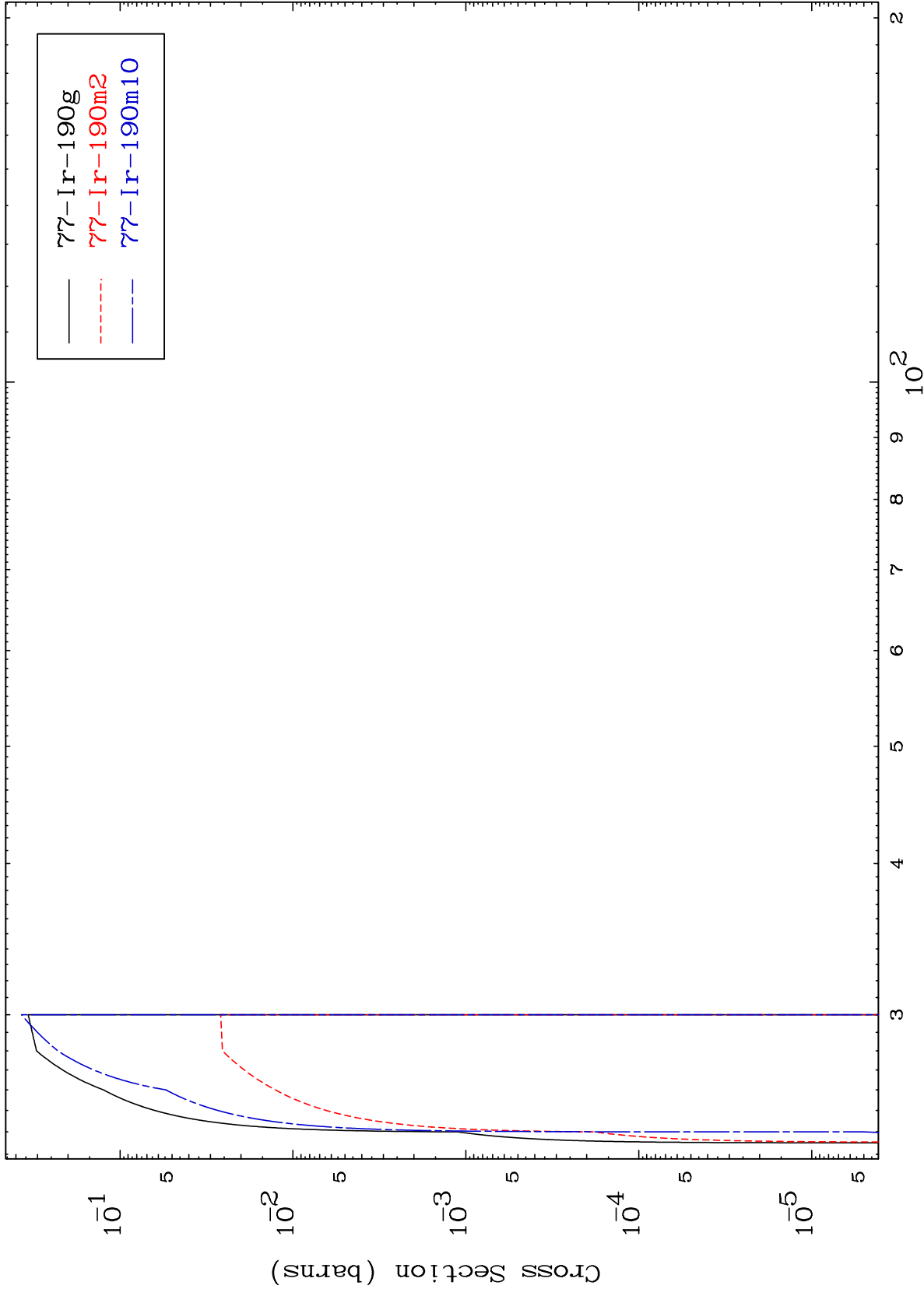


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($\alpha, 3n$)

75-Re-189

Radionuclide Production Cross Section



12

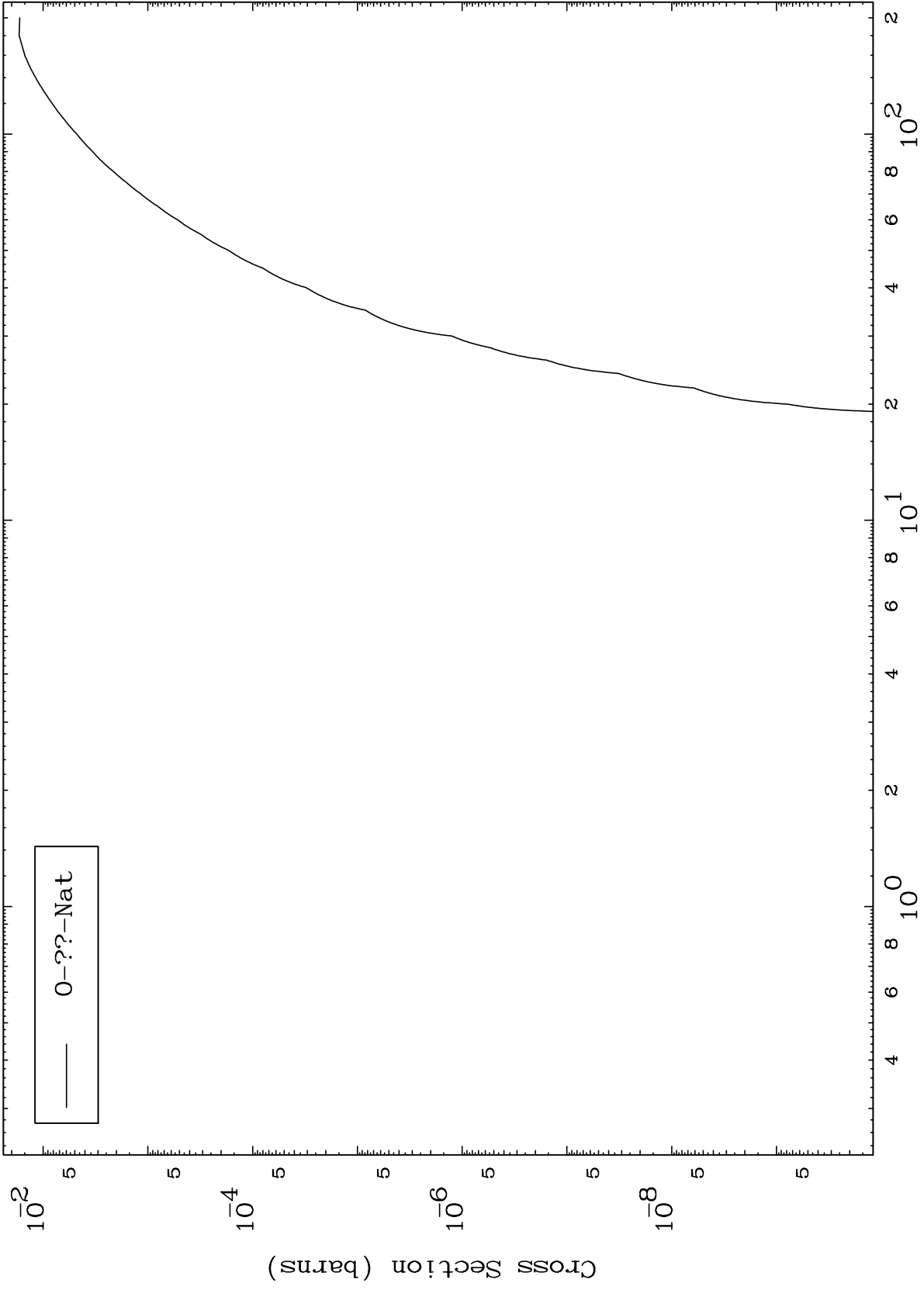
Incident Energy (MeV)

75-Re-189

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75-Re-189

α Fission
Radionuclide Production Cross Section



75-Re-189

Incident Energy (MeV)

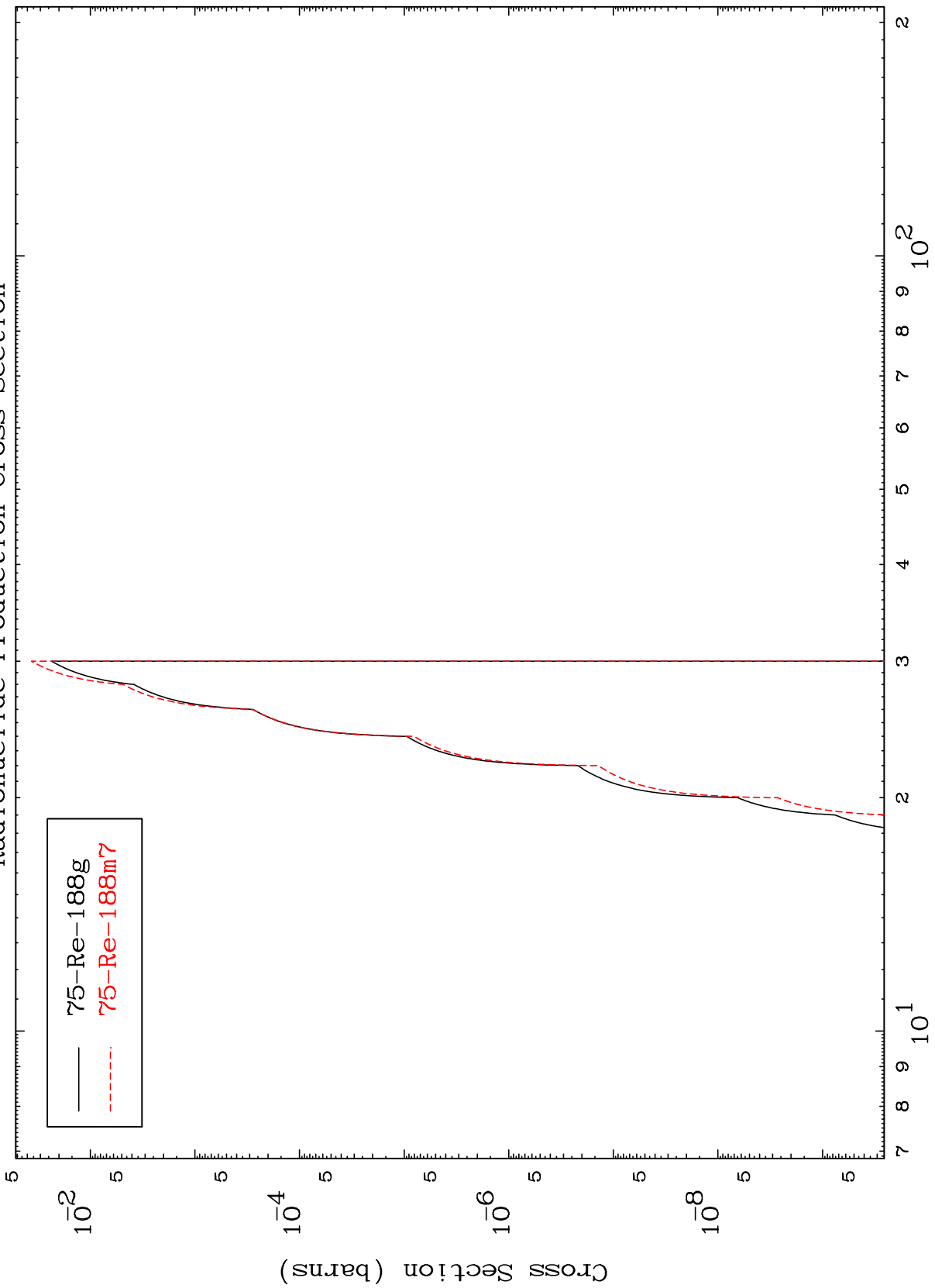
13

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(α, n') α

75-Re-189

Radionuclide Production Cross Section



75-Re-188g
75-Re-188m7

Incident Energy (MeV)

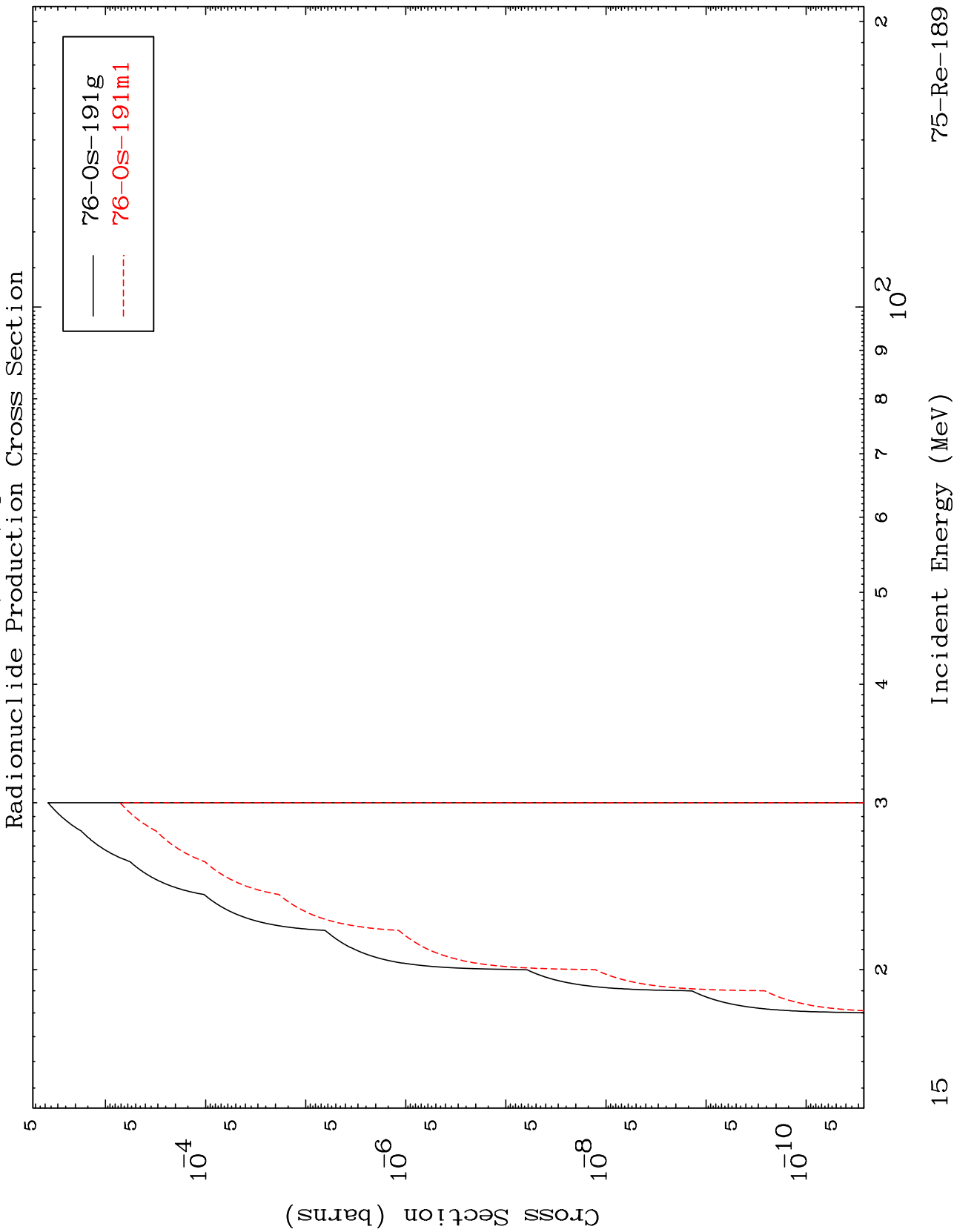
75-Re-189

14

MAT 7537

(α, n') p

75-Re-189



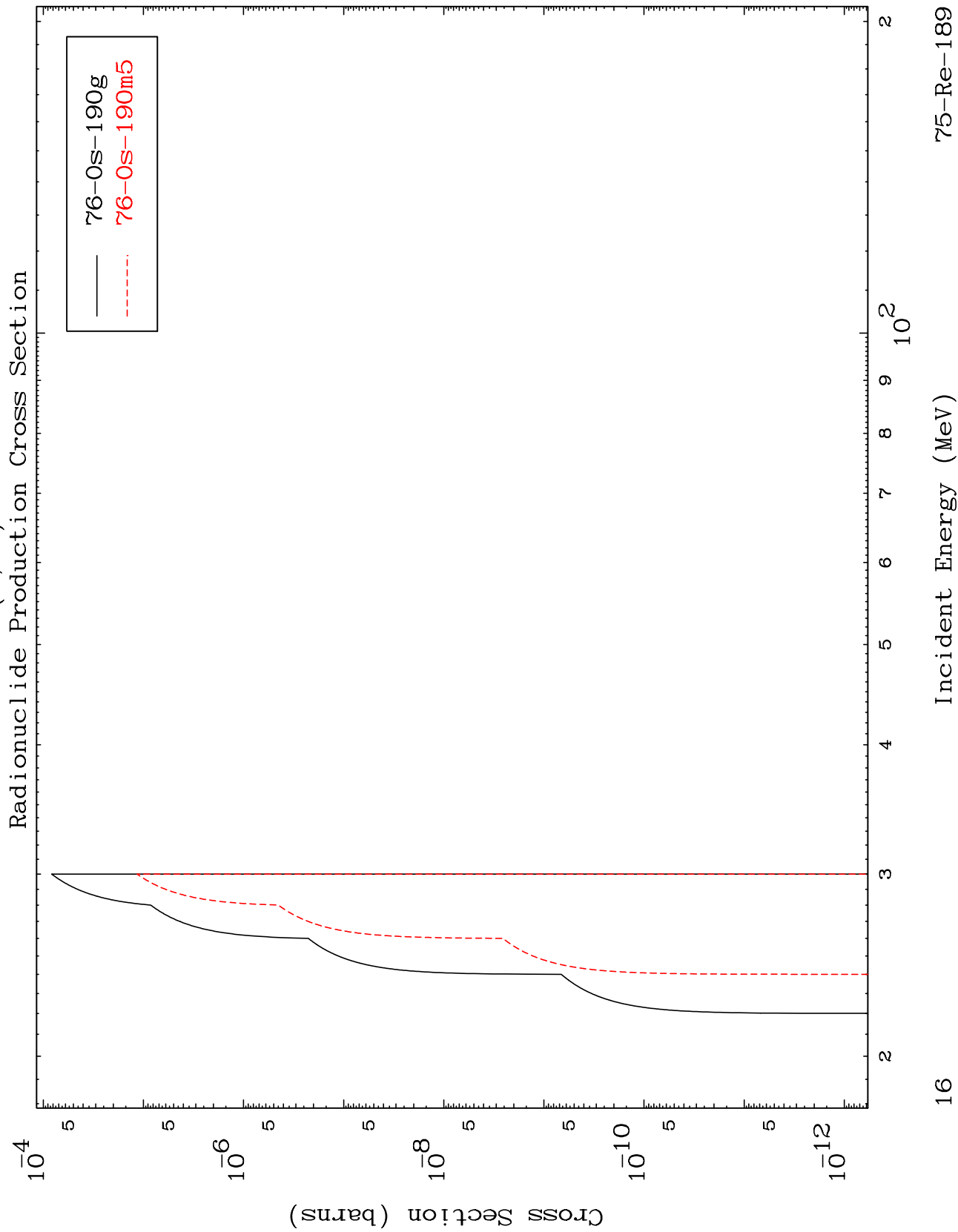
15

75-Re-189

MAT 7537

(α, n') d

75-Re-189



16

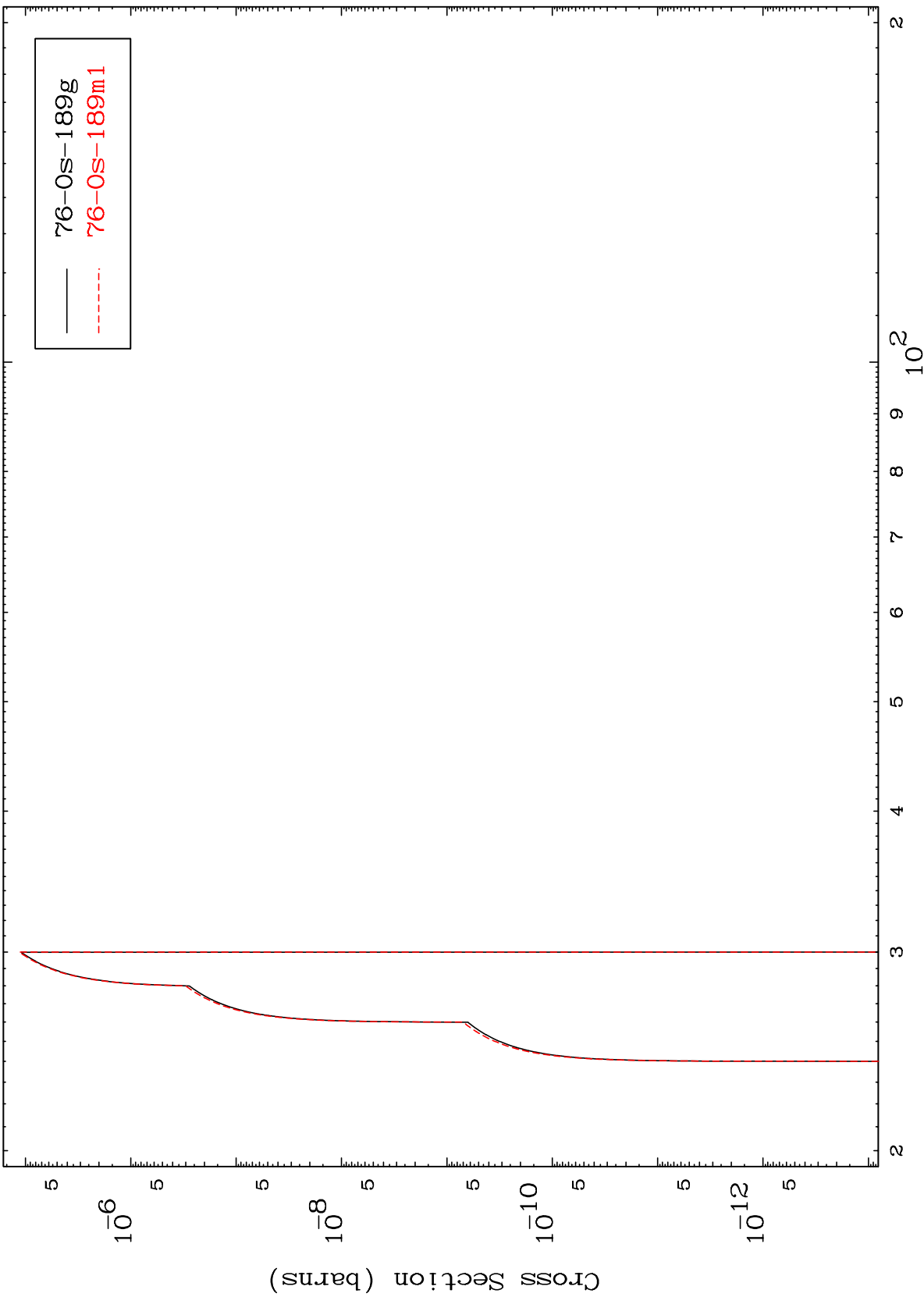
75-Re-189

MAT 7537

(α, n') t

⁷⁵Re-¹⁸⁹

Radionuclide Production Cross Section

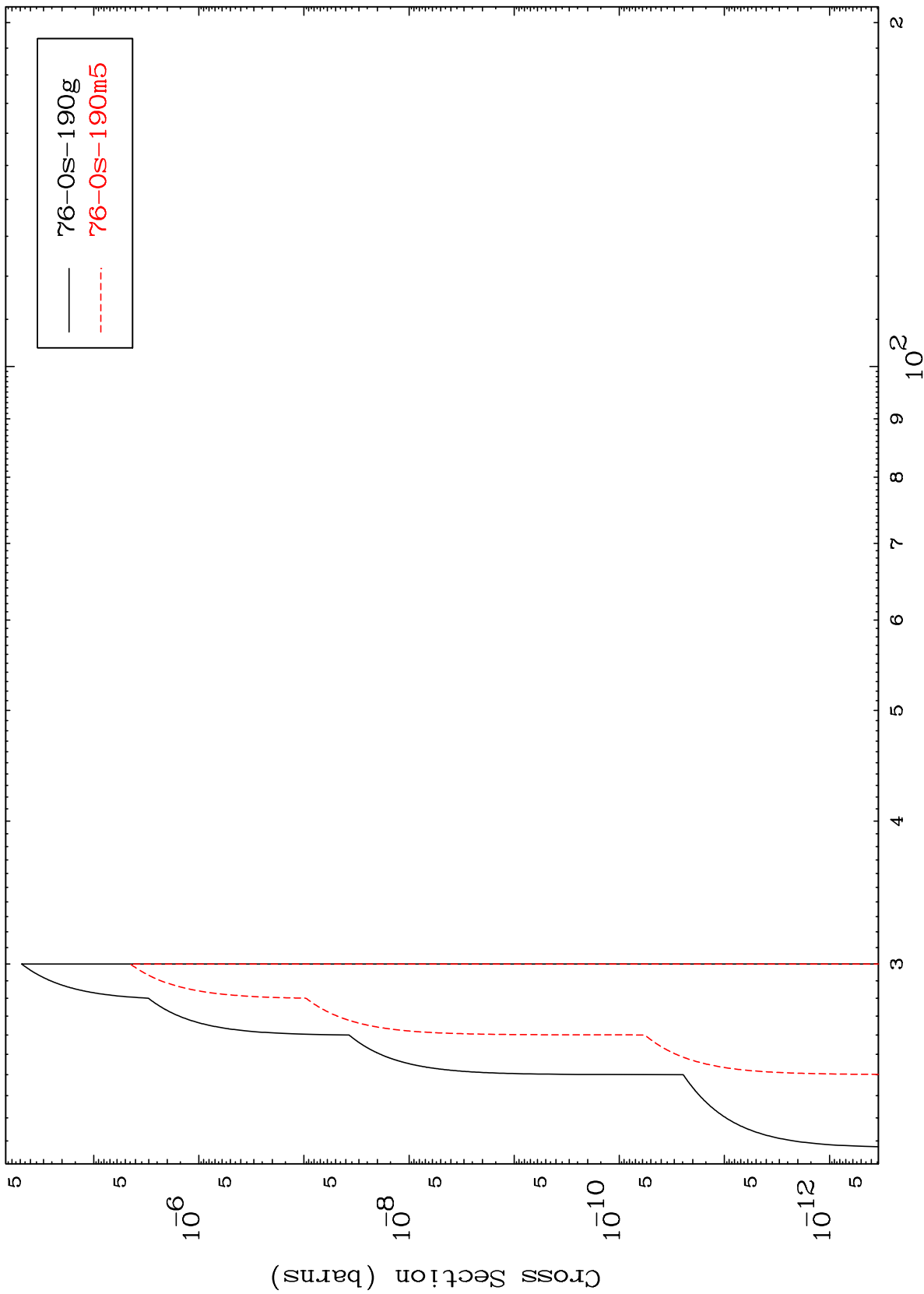


17

Incident Energy (MeV)

⁷⁵Re-¹⁸⁹

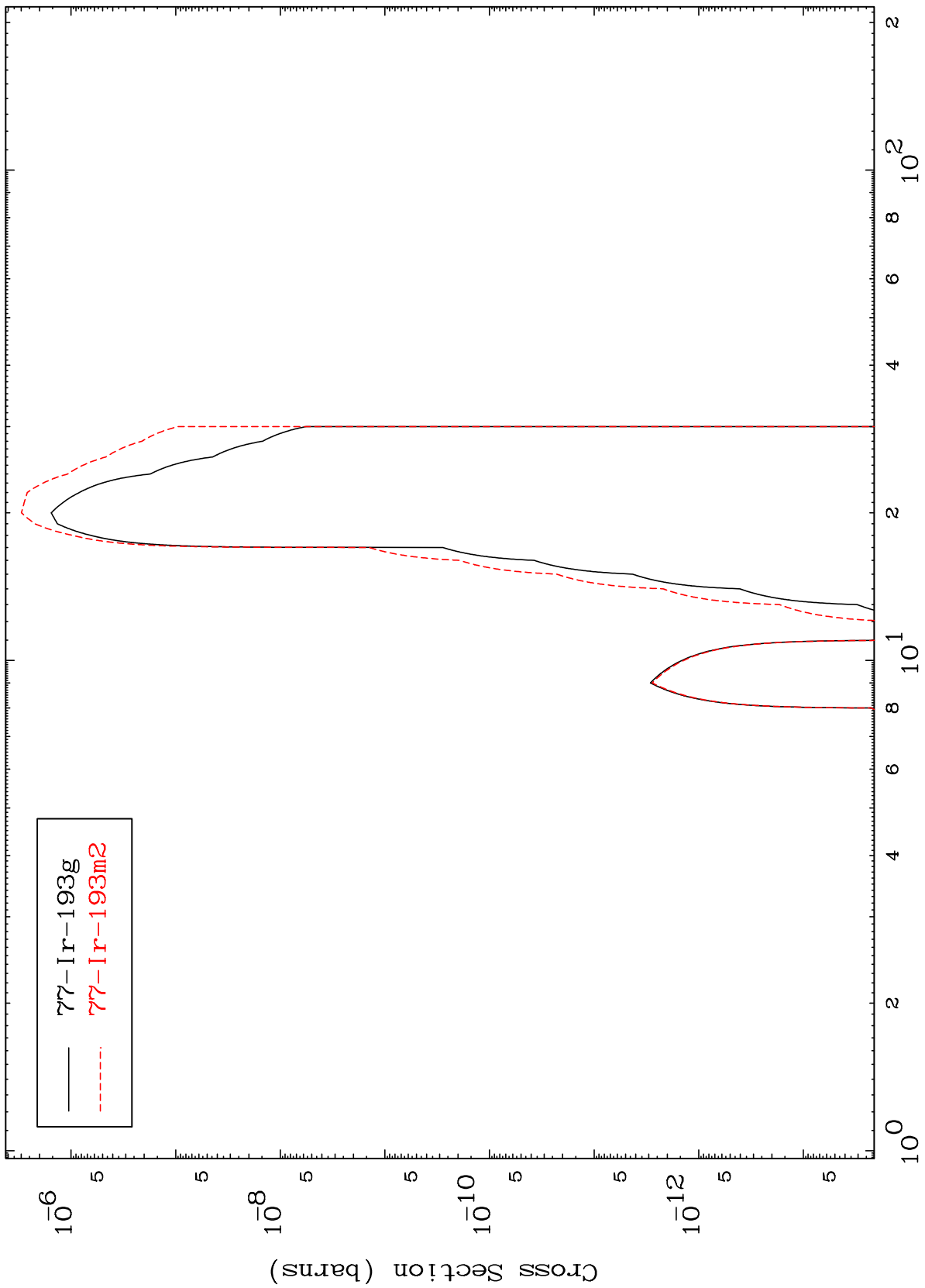
Radionuclide Production Cross Section



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75-Re-189

(α, γ)
Radionuclide Production Cross Section



— $^{77}\text{Ir-193g}$
- - - $^{77}\text{Ir-193m2}$

75-Re-189

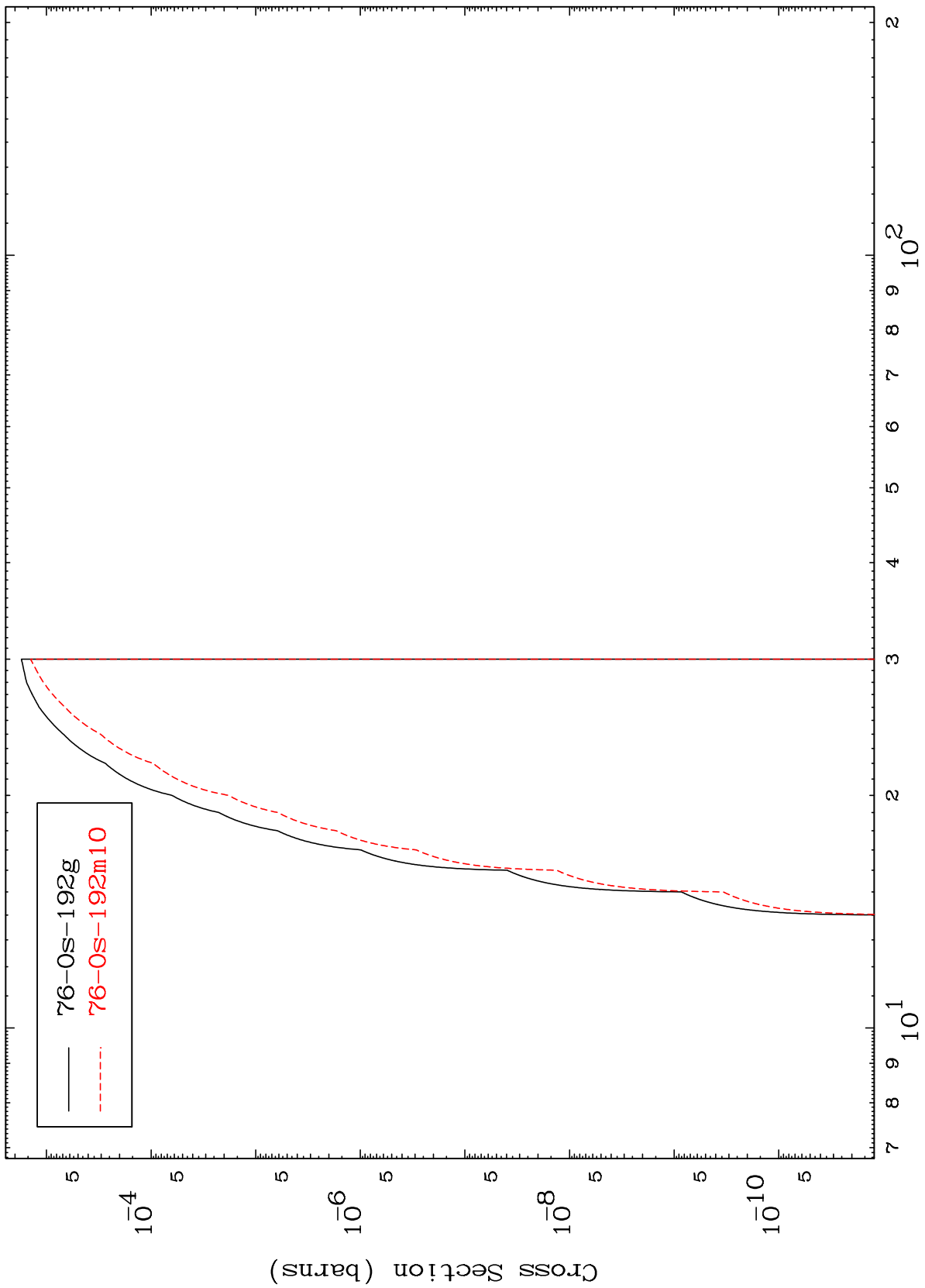
Incident Energy (MeV)

19

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75-Re-189

(α, p)
Radionuclide Production Cross Section

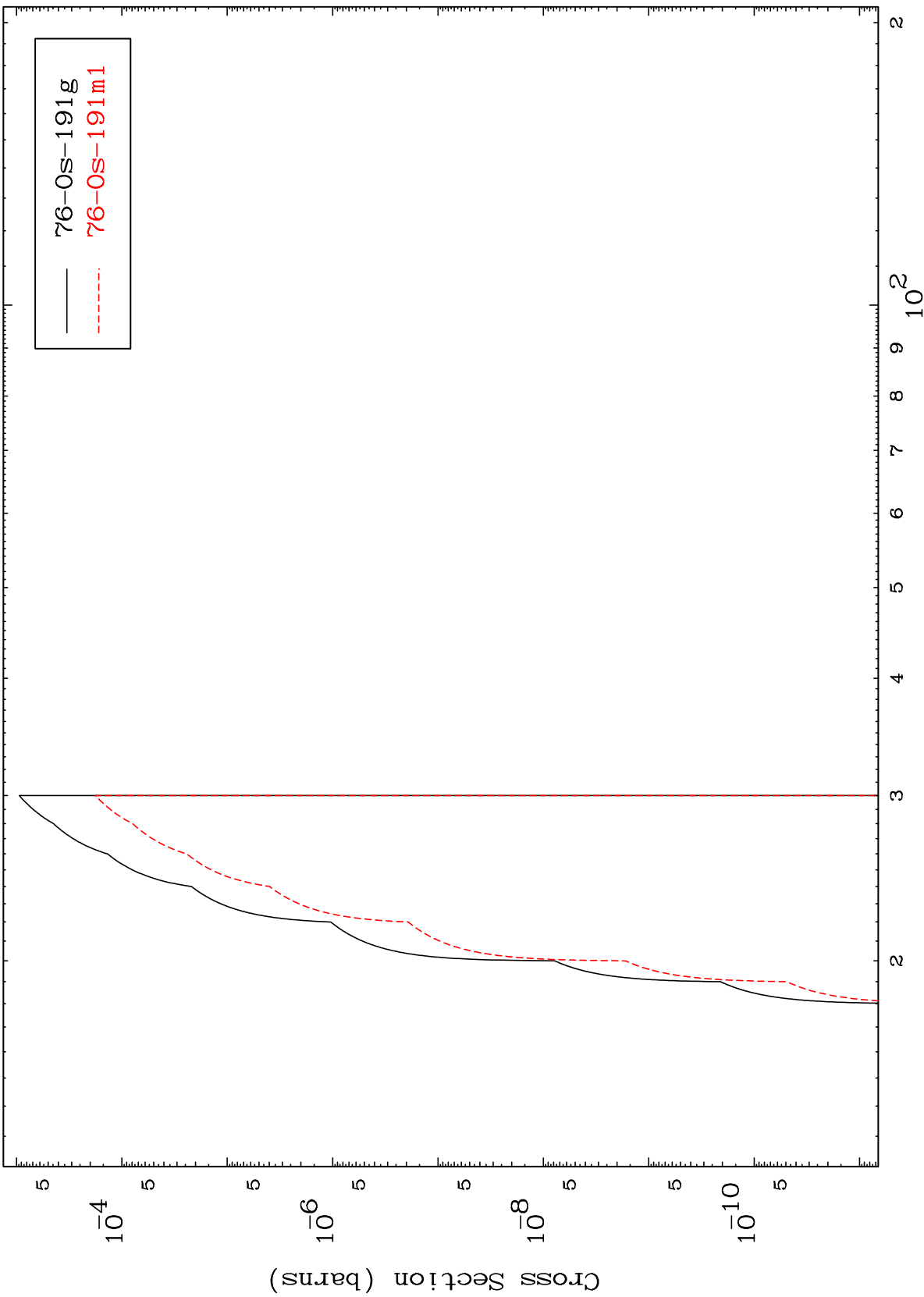


20

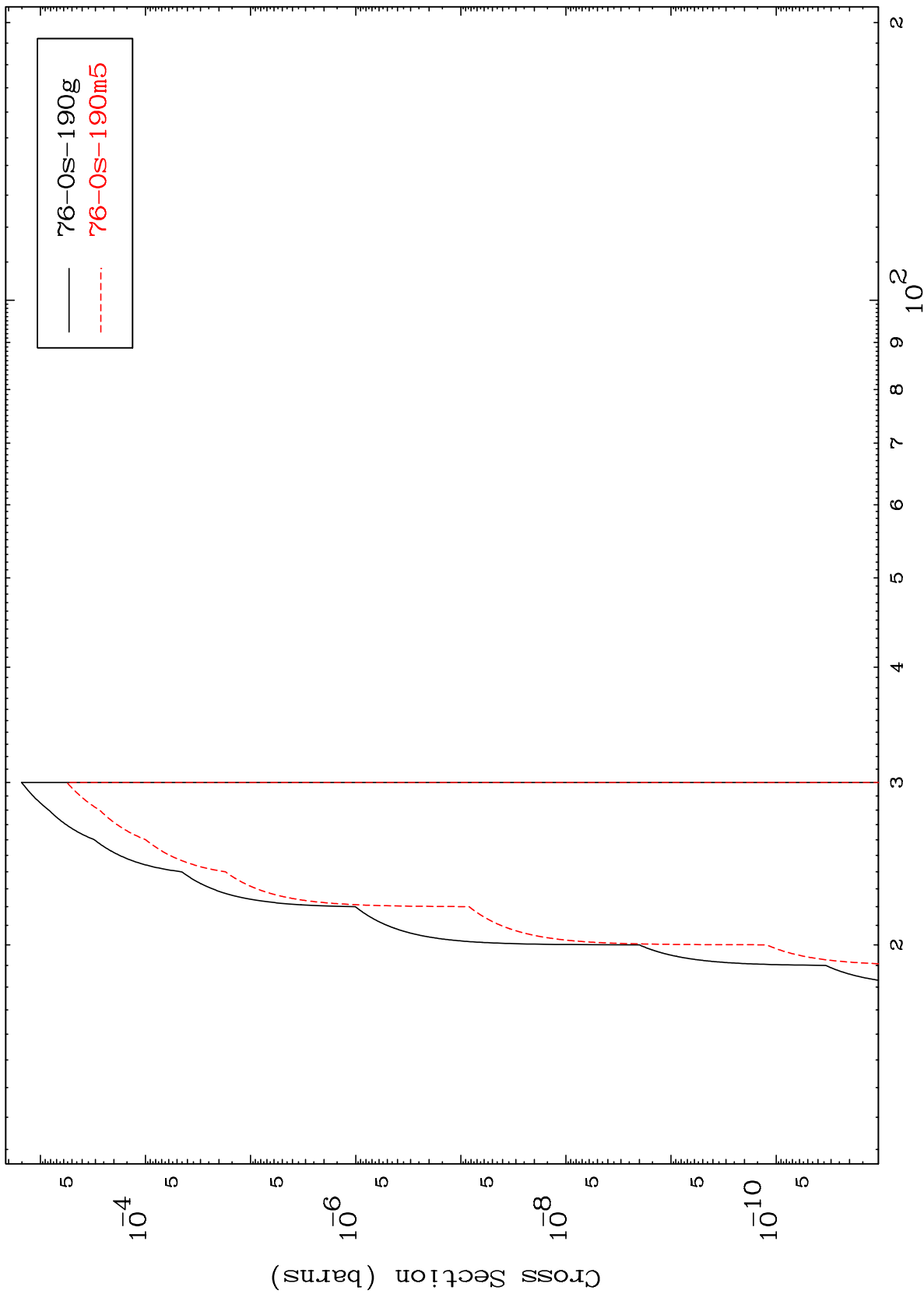
Incident Energy (MeV)

75-Re-189

Radionuclide Production Cross Section



(α, t)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

