

Program EVALPLOT
(Version 2018-1)

by

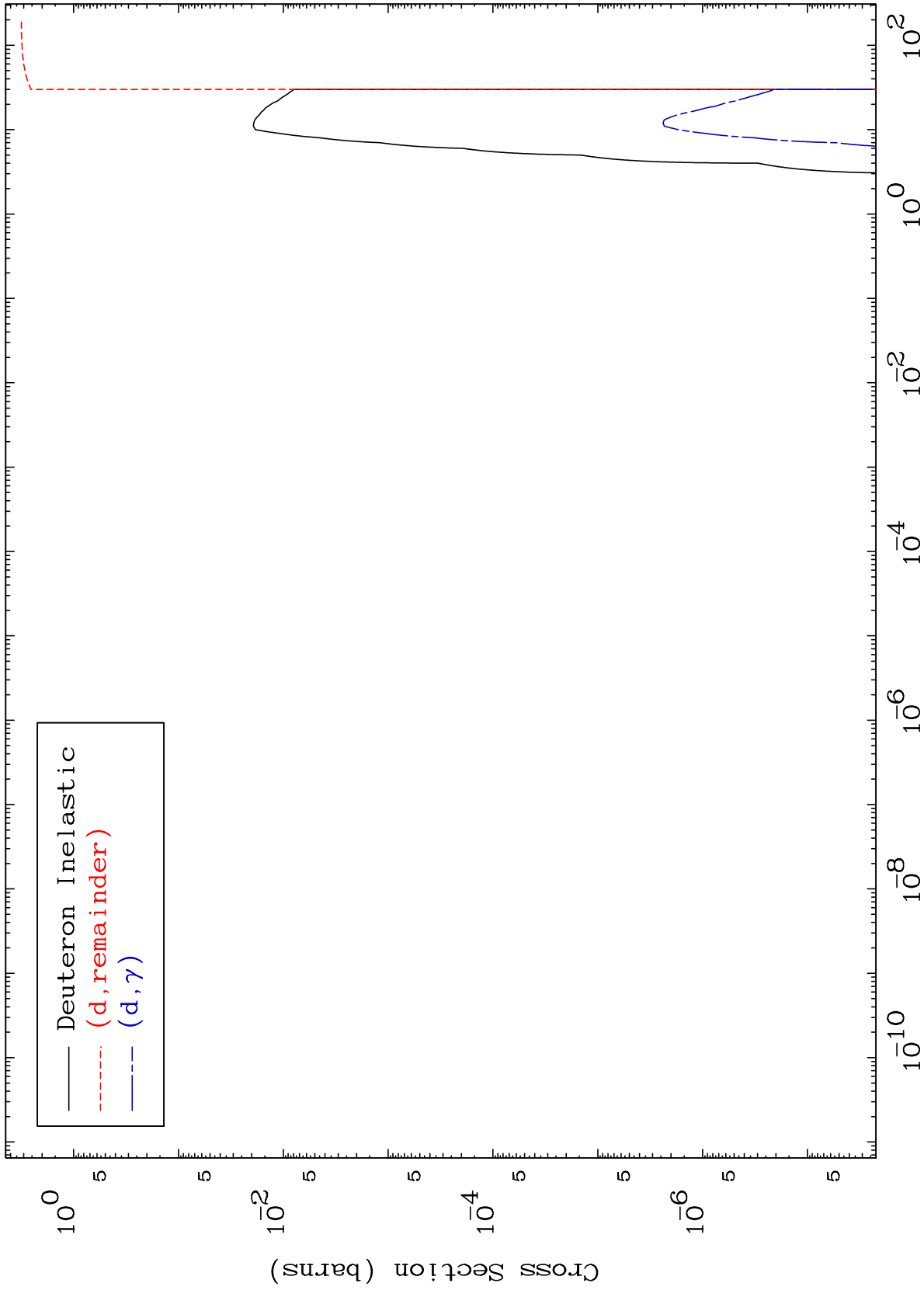
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

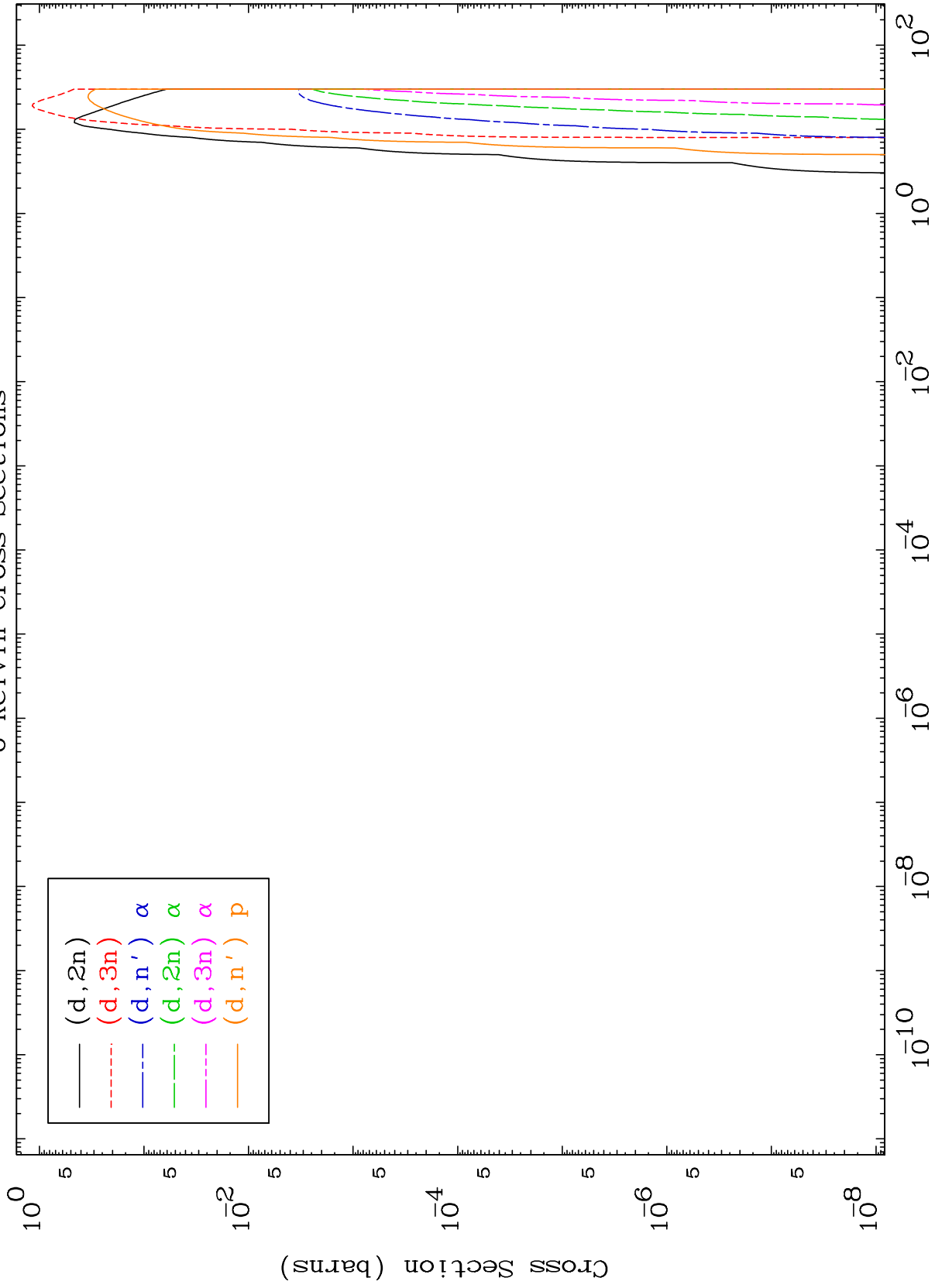
Press Mouse Button to Start



MAT 7738

Deuteron Neutron Production
0 Kelvin Cross Sections

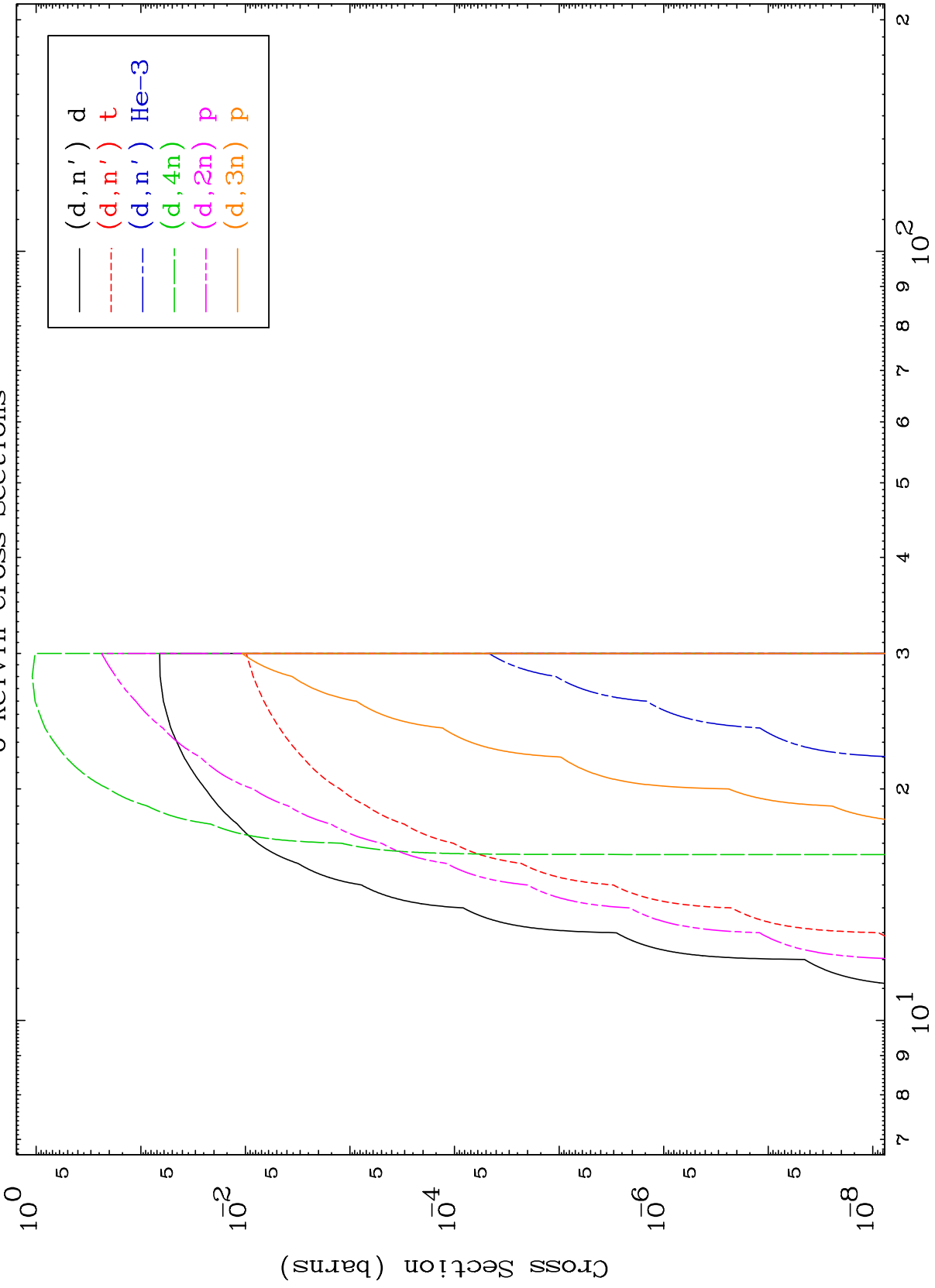
77-Ir-195



2

Incident Energy (MeV)

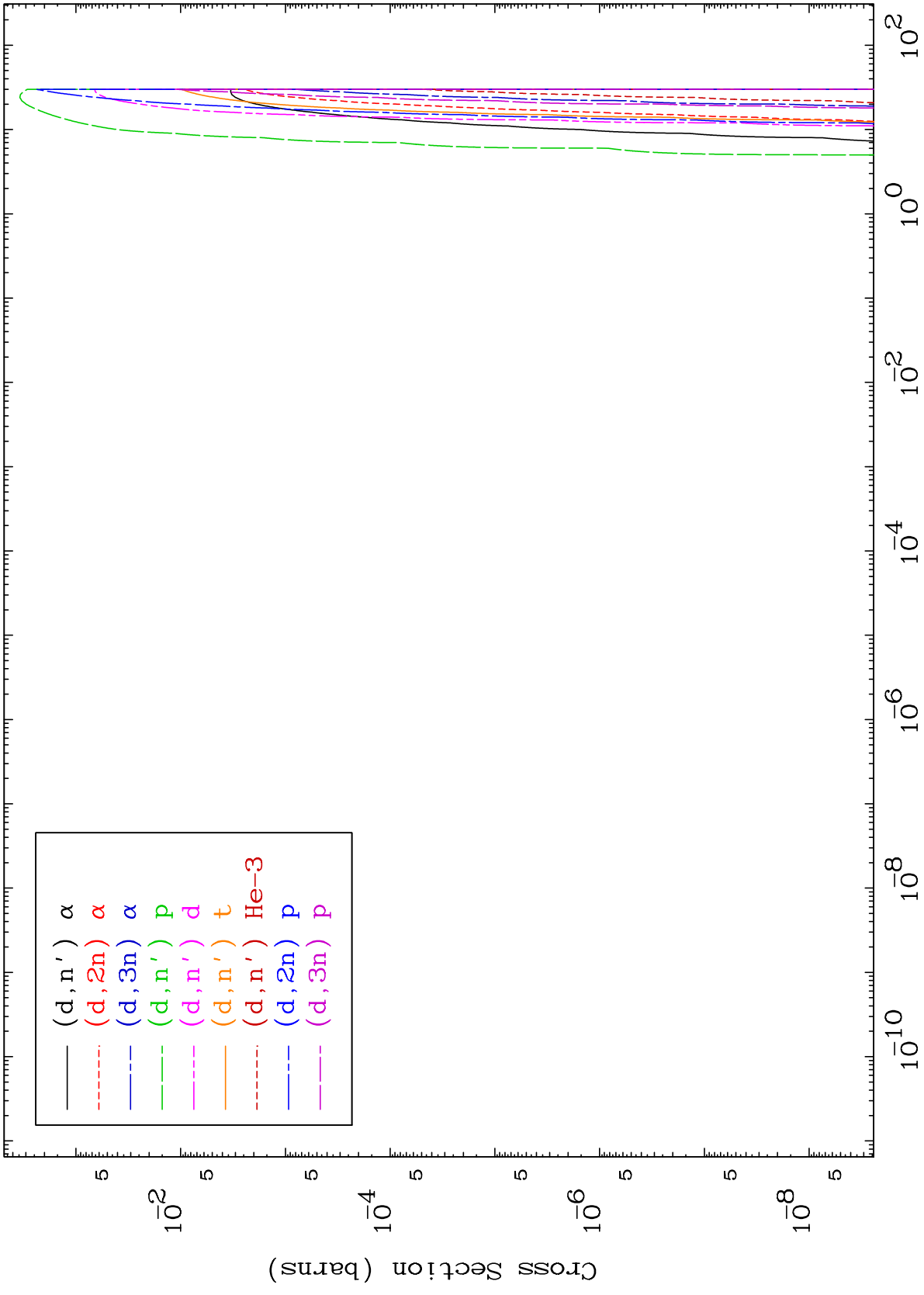
77-Ir-195



MAT 7738

Deuteron Charged Particle
0 Kelvin Cross Sections

77-Ir-195

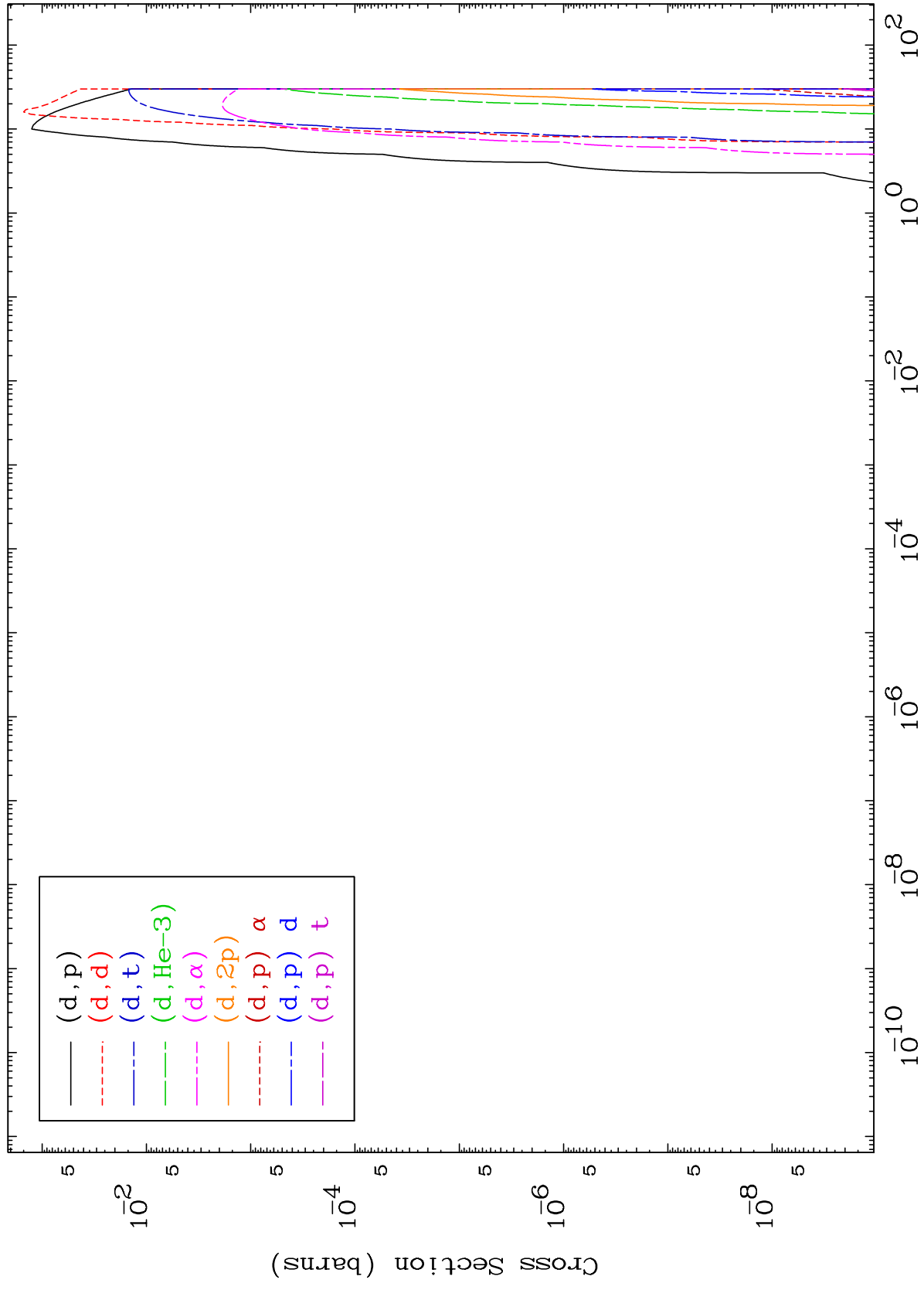


77-Ir-195

MAT 7738

Deuteron Charged Particle
0 Kelvin Cross Sections

77-Ir-195



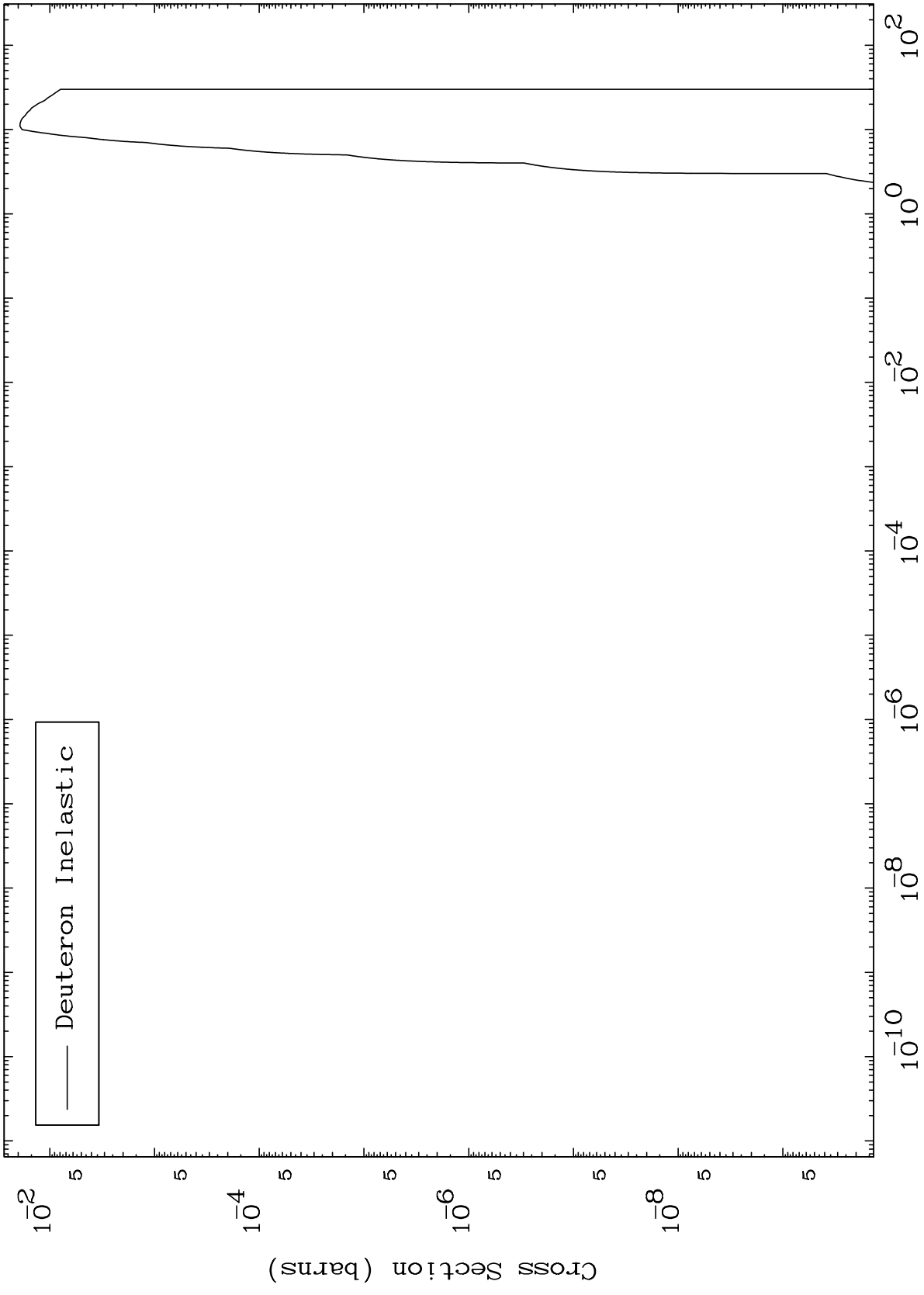
5

77-Ir-195

MAT 7738

(d,n') Level
0 Kelvin Cross Sections

77-Ir-195



6

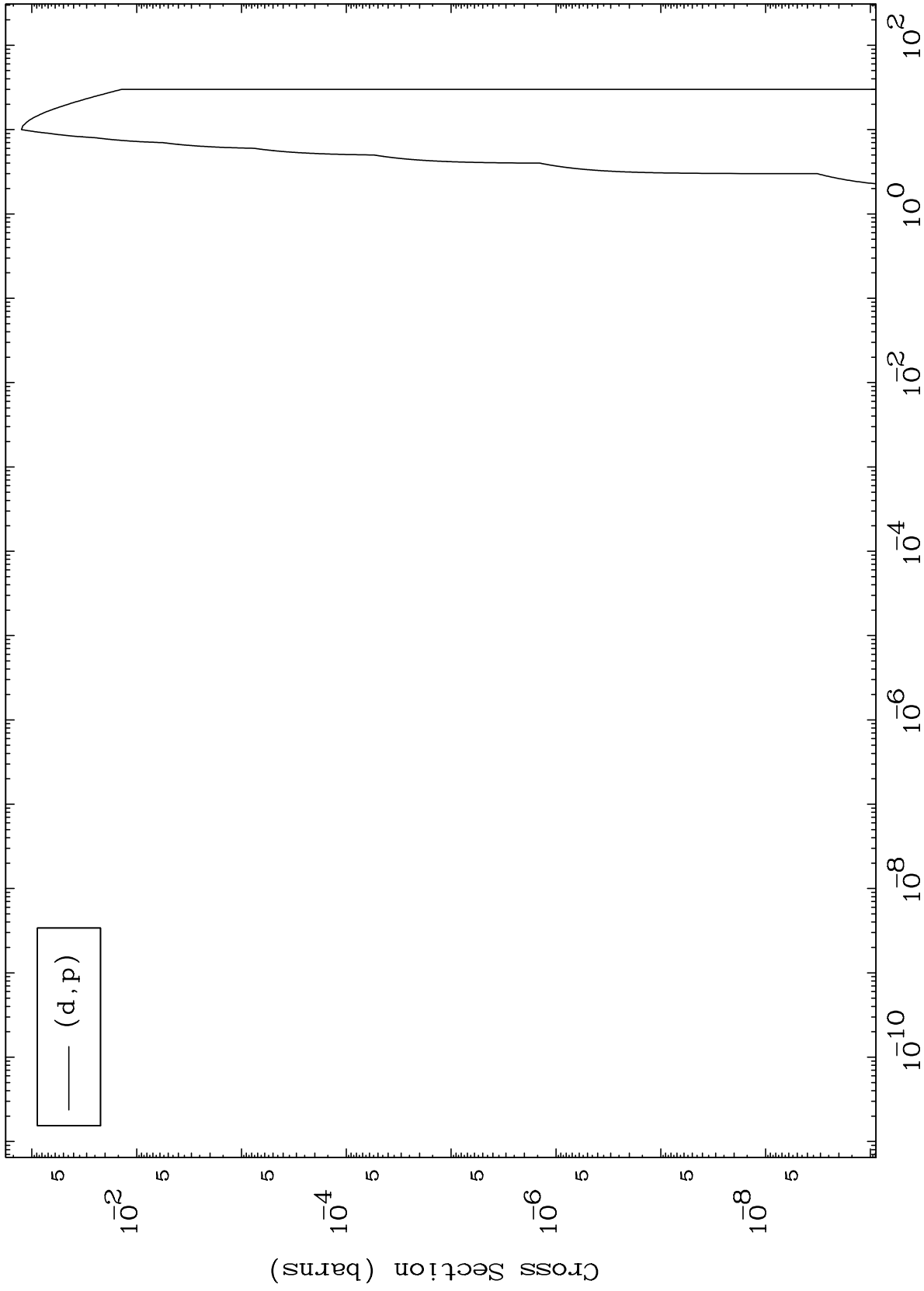
Incident Energy (MeV)

77-Ir-195

MAT 7738

(d,p) Levels
0 Kelvin Cross Sections

77-Ir-195



7

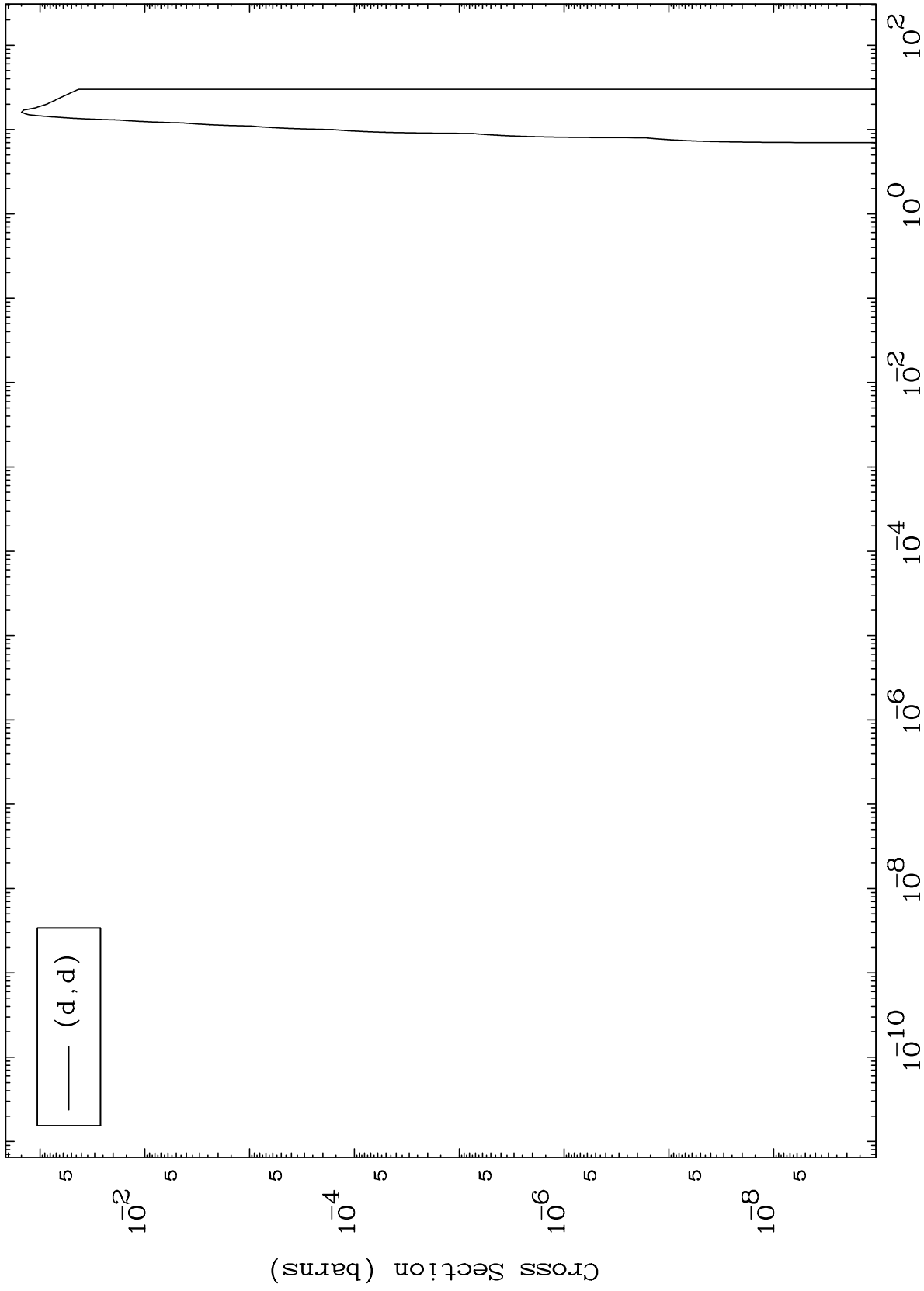
Incident Energy (MeV)

77-Ir-195

MAT 7738

(d,d) Levels
0 Kelvin Cross Sections

77-Ir-195



8

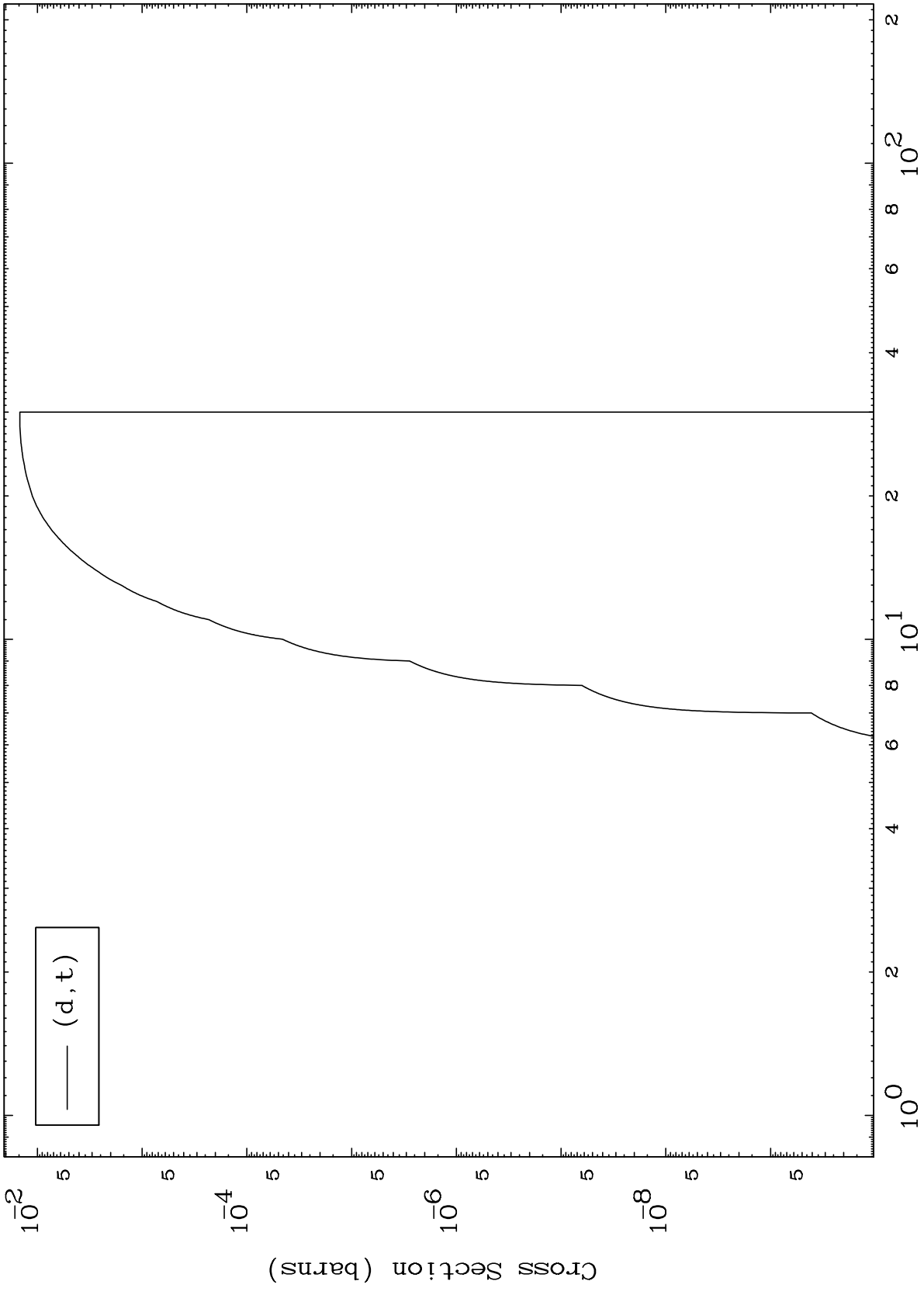
Incident Energy (MeV)

77-Ir-195

MAT 7738

(d,t) Levels
0 Kelvin Cross Sections

77-Ir-195



9

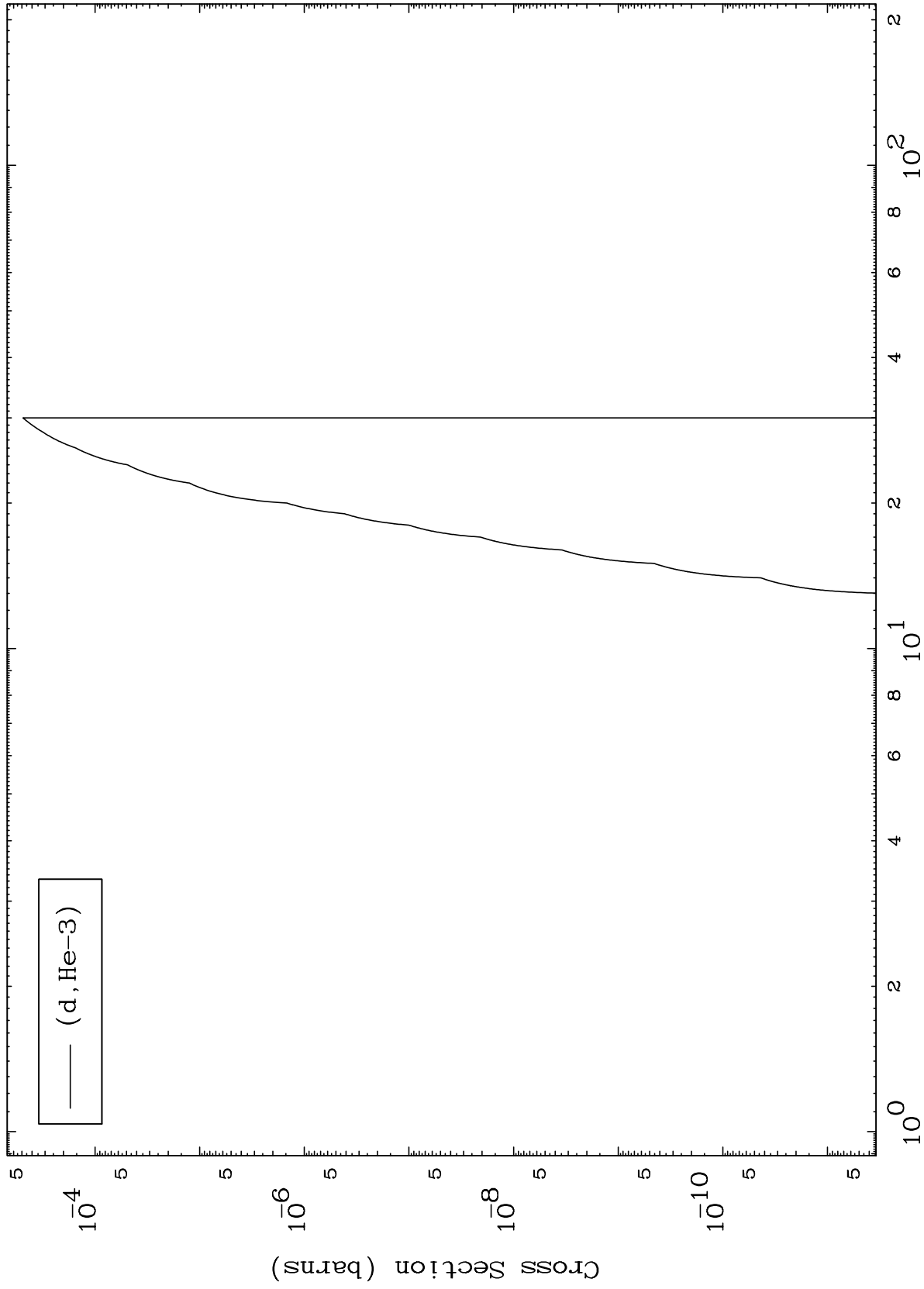
Incident Energy (MeV)

77-Ir-195

MAT 7738

(d,He3) Levels
0 Kelvin Cross Sections

77-Ir-195



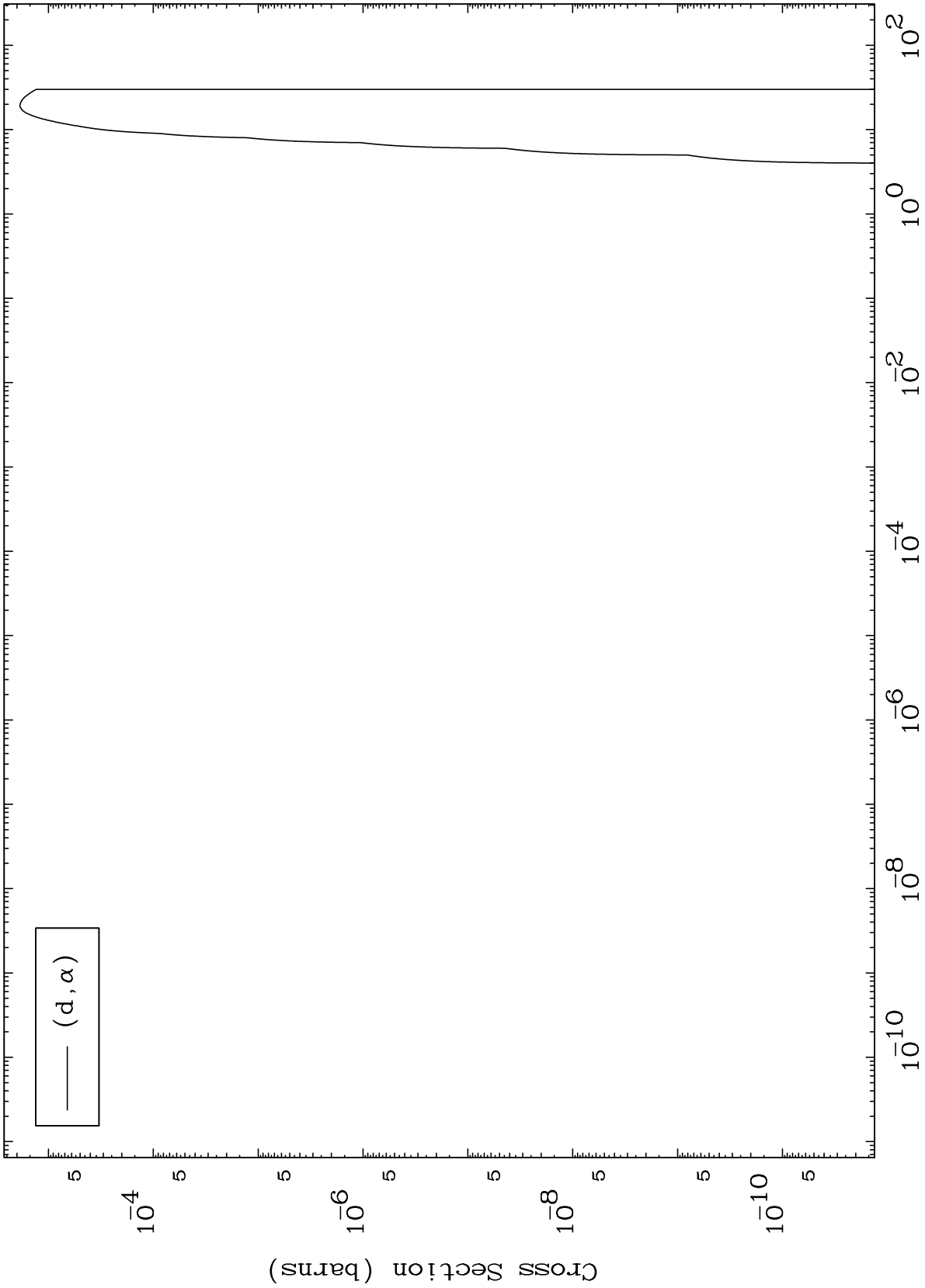
Incident Energy (MeV)

77-Ir-195

MAT 7738

(d, α) Levels
0 Kelvin Cross Sections

77-Ir-195



11

Incident Energy (MeV)

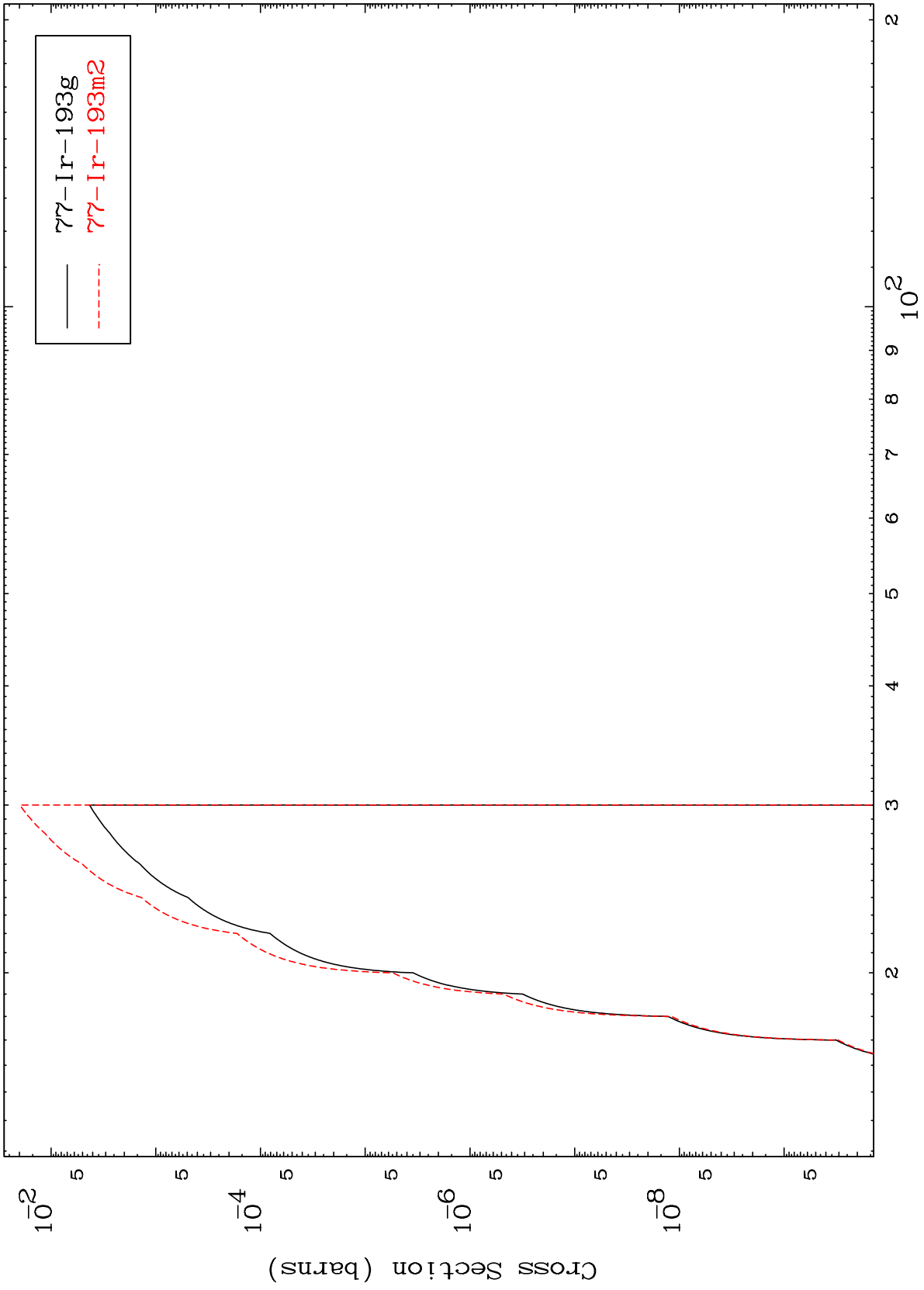
77-Ir-195

MAT 7738

(d,2n) d

77-Ir-195

Radionuclide Production Cross Section



12

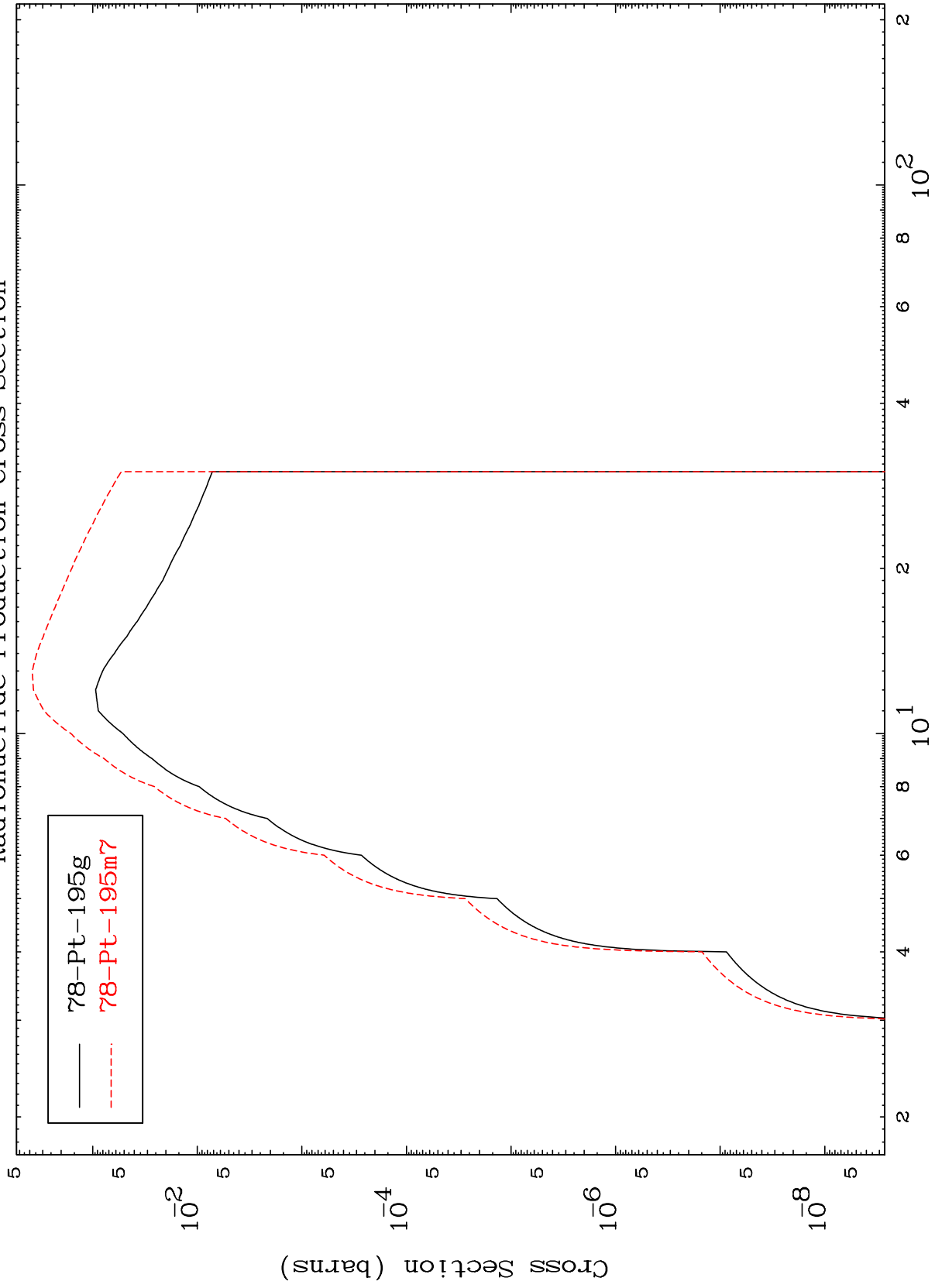
Incident Energy (MeV)

77-Ir-195

MAT 7738

Radionuclide Production Cross Section
(d,2n)

⁷⁷Ir-195



13

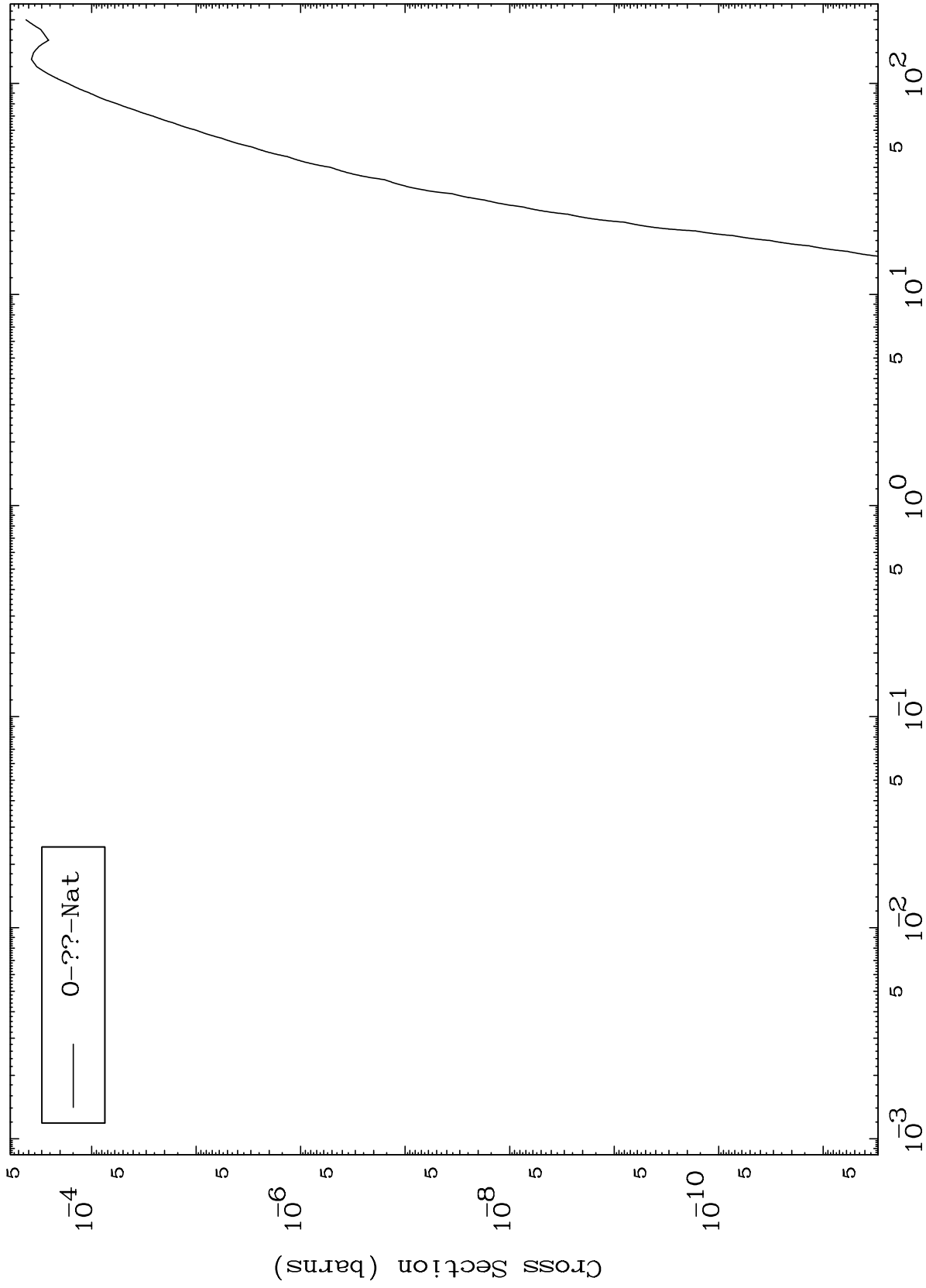
Incident Energy (MeV)

⁷⁷Ir-195

MAT 7738

Deuteron Fission
Radionuclide Production Cross Section

77-Ir-195



14

Incident Energy (MeV)

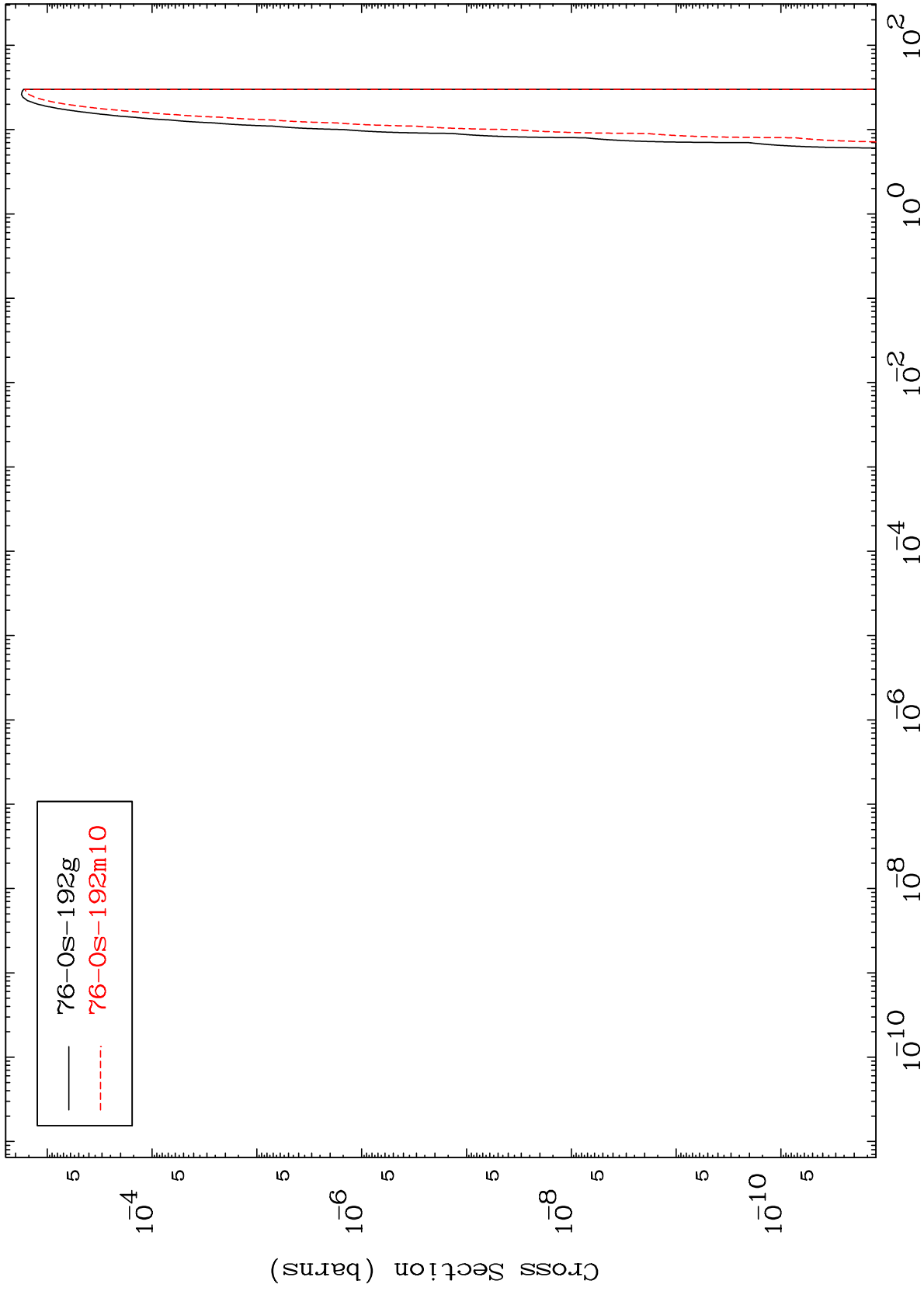
77-Ir-195

MAT 7738

(d,n') α

77-Ir-195

Radionuclide Production Cross Section



15

Incident Energy (MeV)

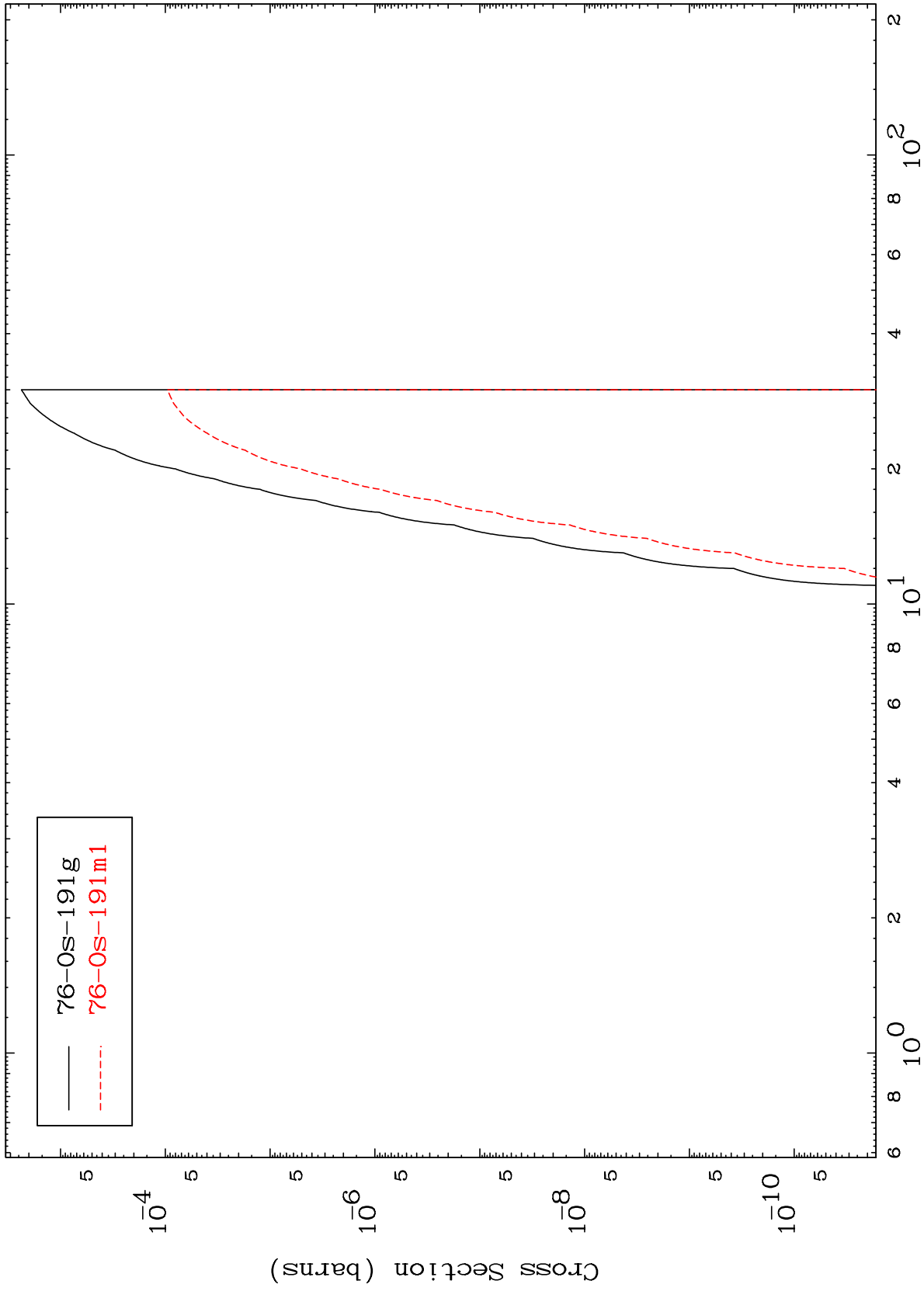
77-Ir-195

MAT 7738

(d,2n) α

⁷⁷Ir-195

Radionuclide Production Cross Section



16

Incident Energy (MeV)

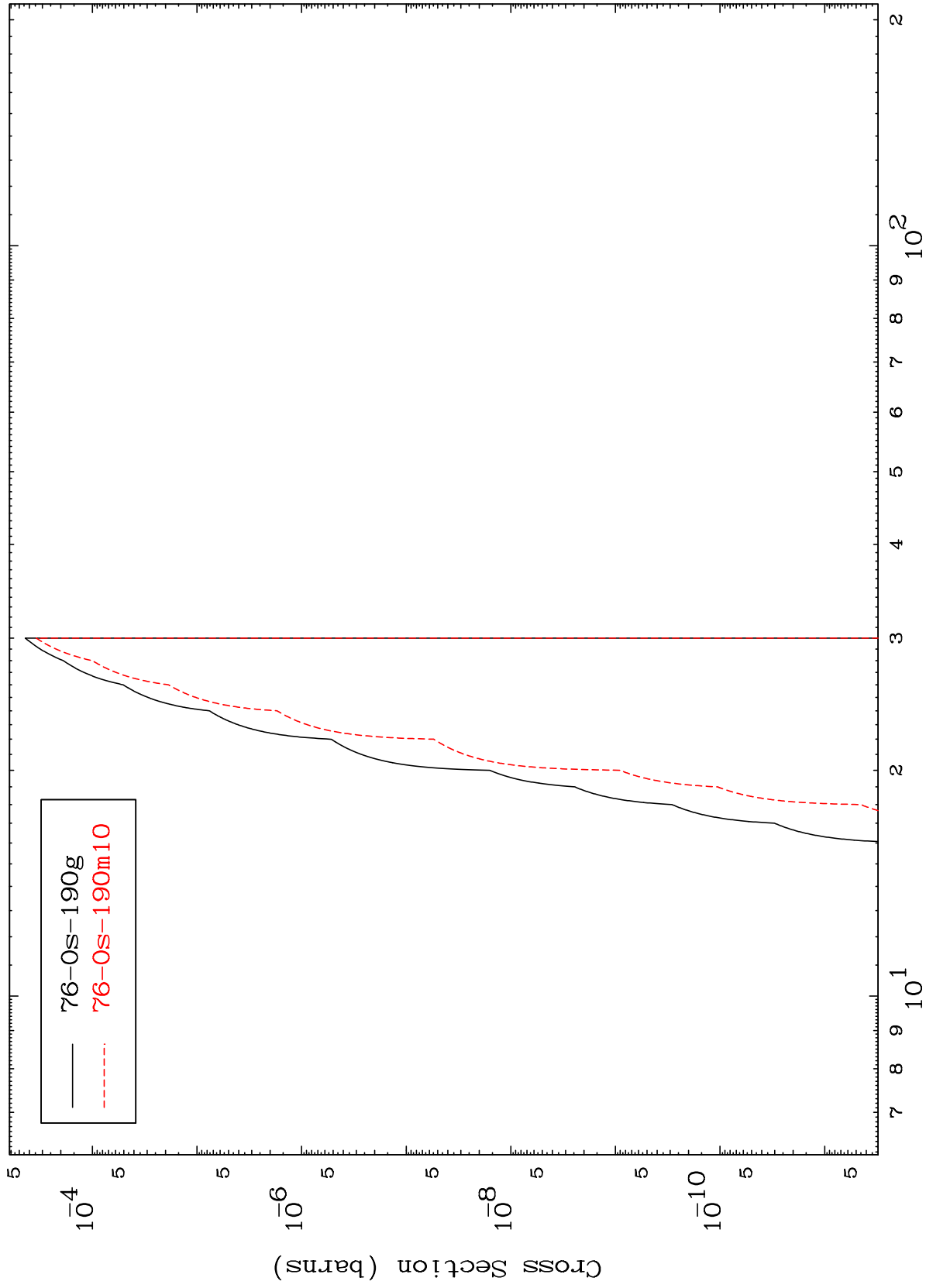
⁷⁷Ir-195

MAT 7738

(d,3n) α

77-Ir-195

Radionuclide Production Cross Section



17

Incident Energy (MeV)

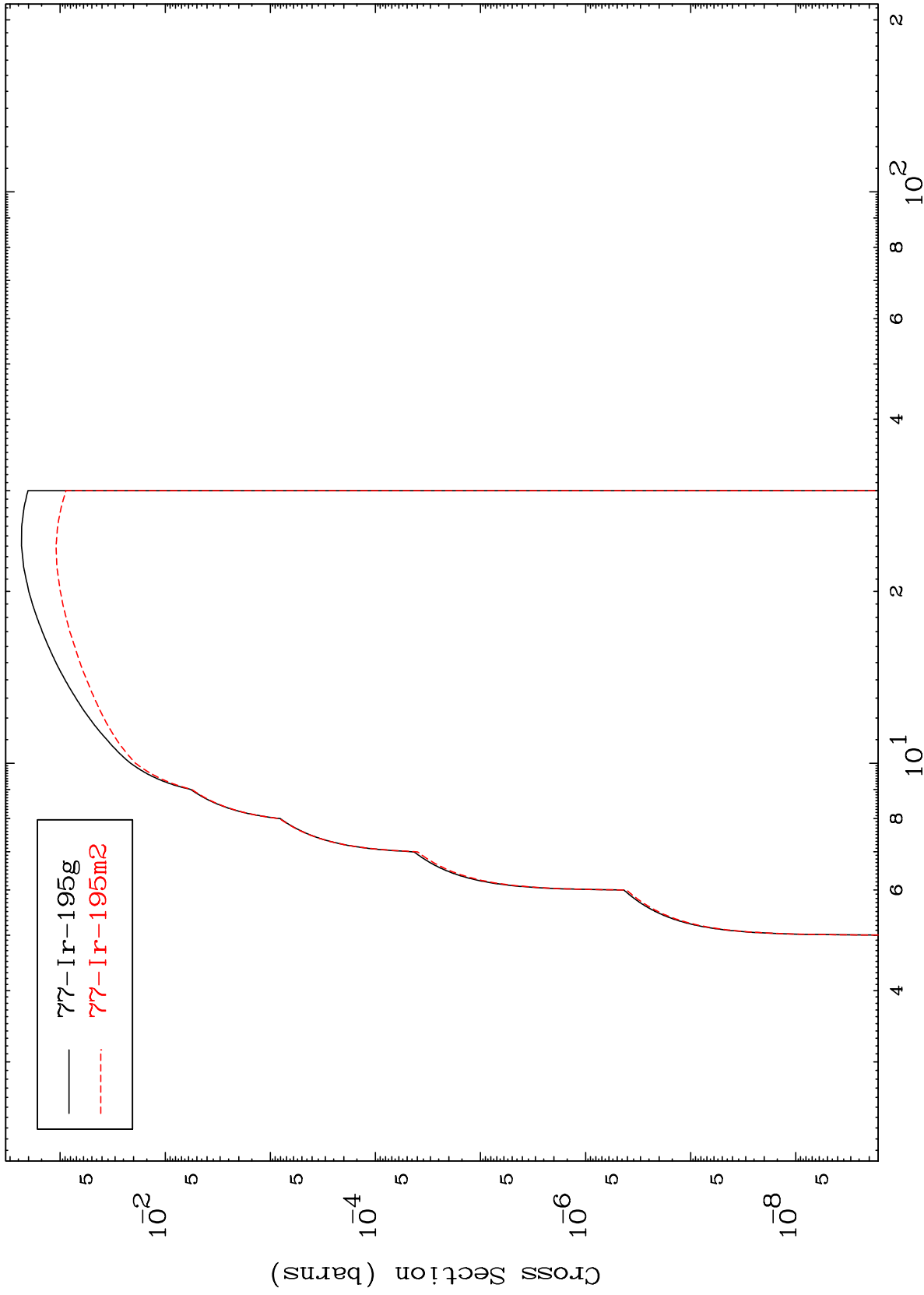
77-Ir-195

MAT 7738

(d,n') p

⁷⁷Ir-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

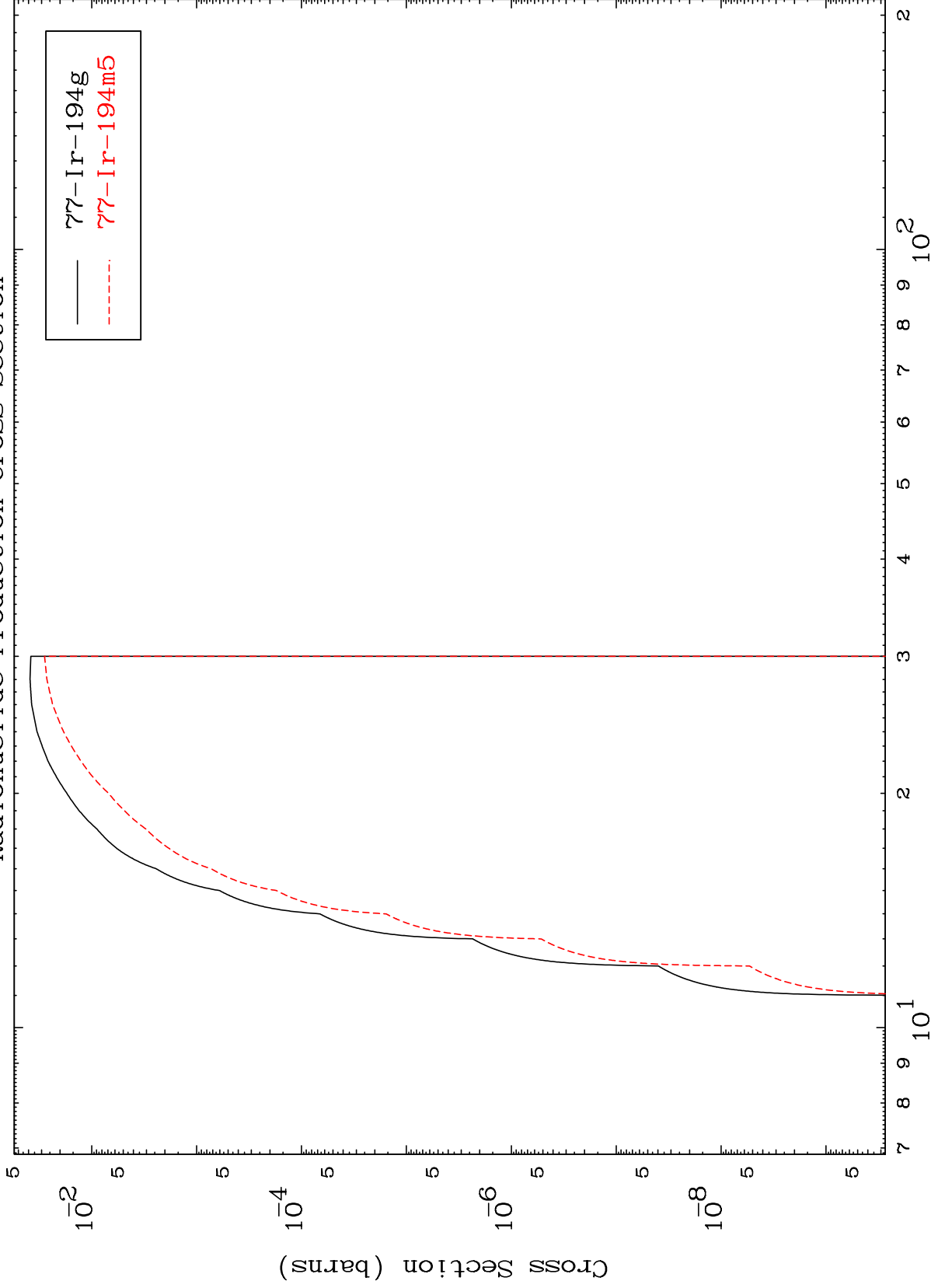
⁷⁷Ir-195

MAT 7738

(d,n') d

77-Ir-195

Radionuclide Production Cross Section



19

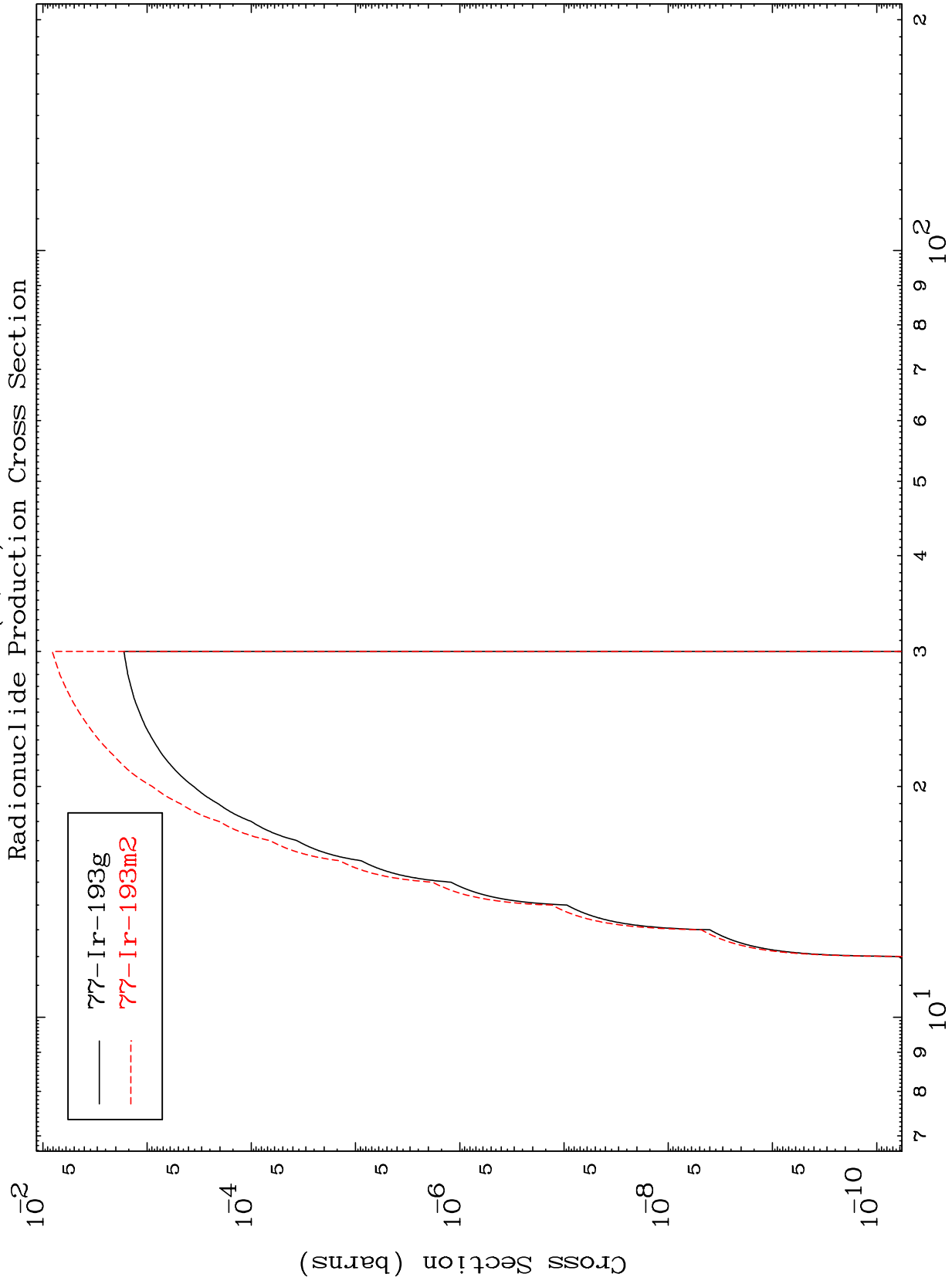
Incident Energy (MeV)

77-Ir-195

MAT 7738

(d,n') t

77-Ir-195



20

Incident Energy (MeV)

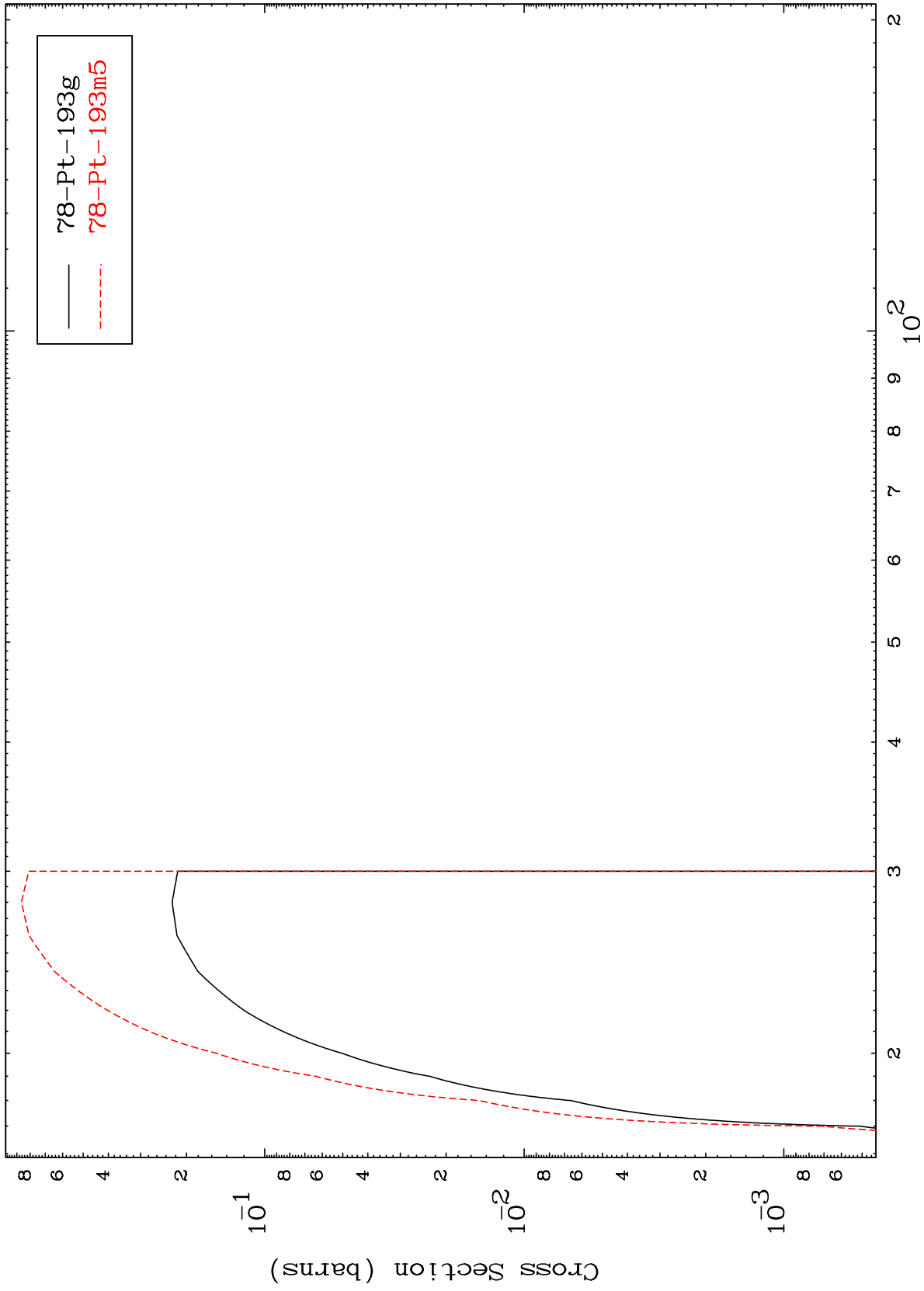
77-Ir-195

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(d,4n)

77-Ir-195

Radionuclide Production Cross Section



21

Incident Energy (MeV)

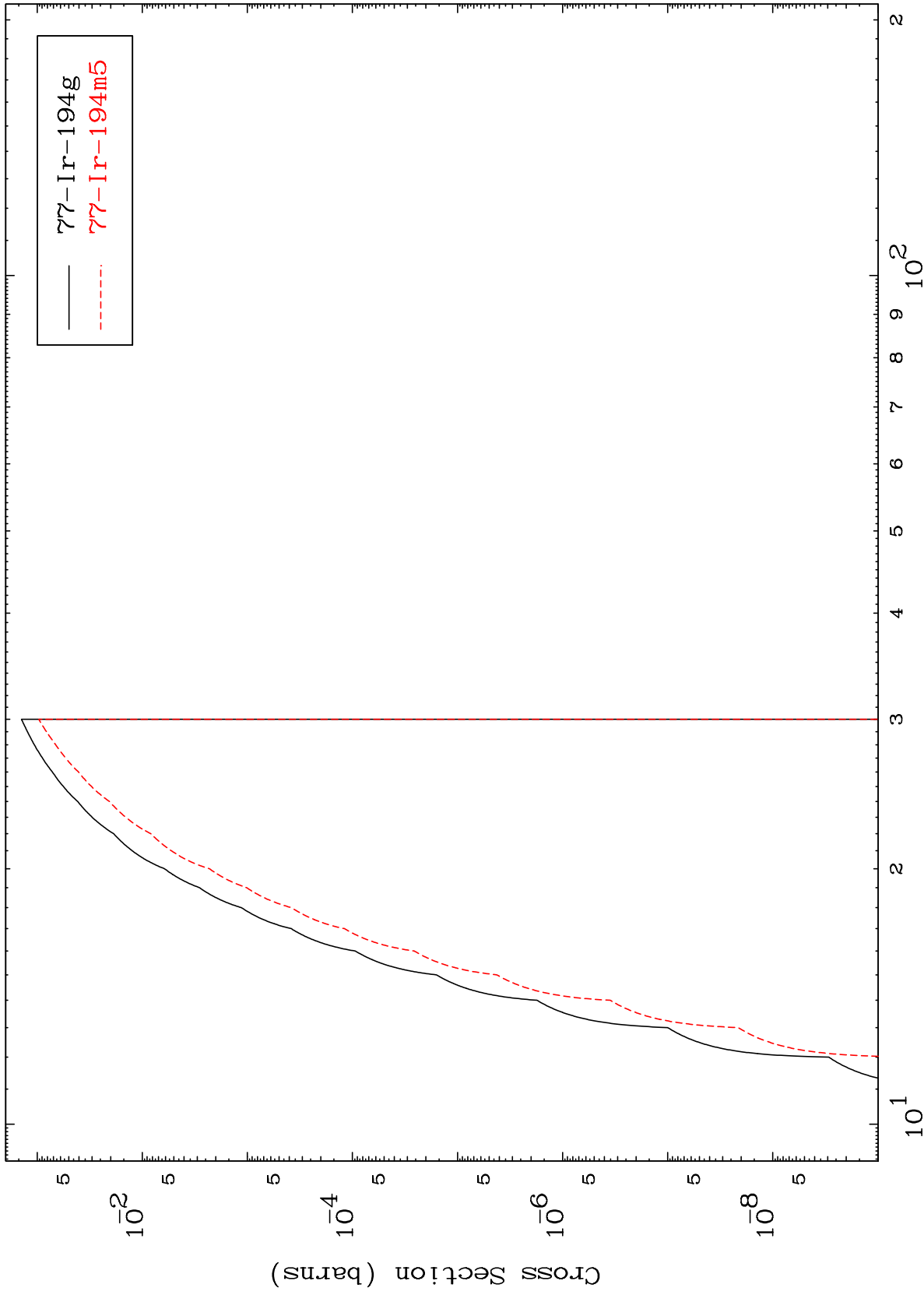
77-Ir-195

MAT 7738

(d,2n) p

77-Ir-195

Radionuclide Production Cross Section



22

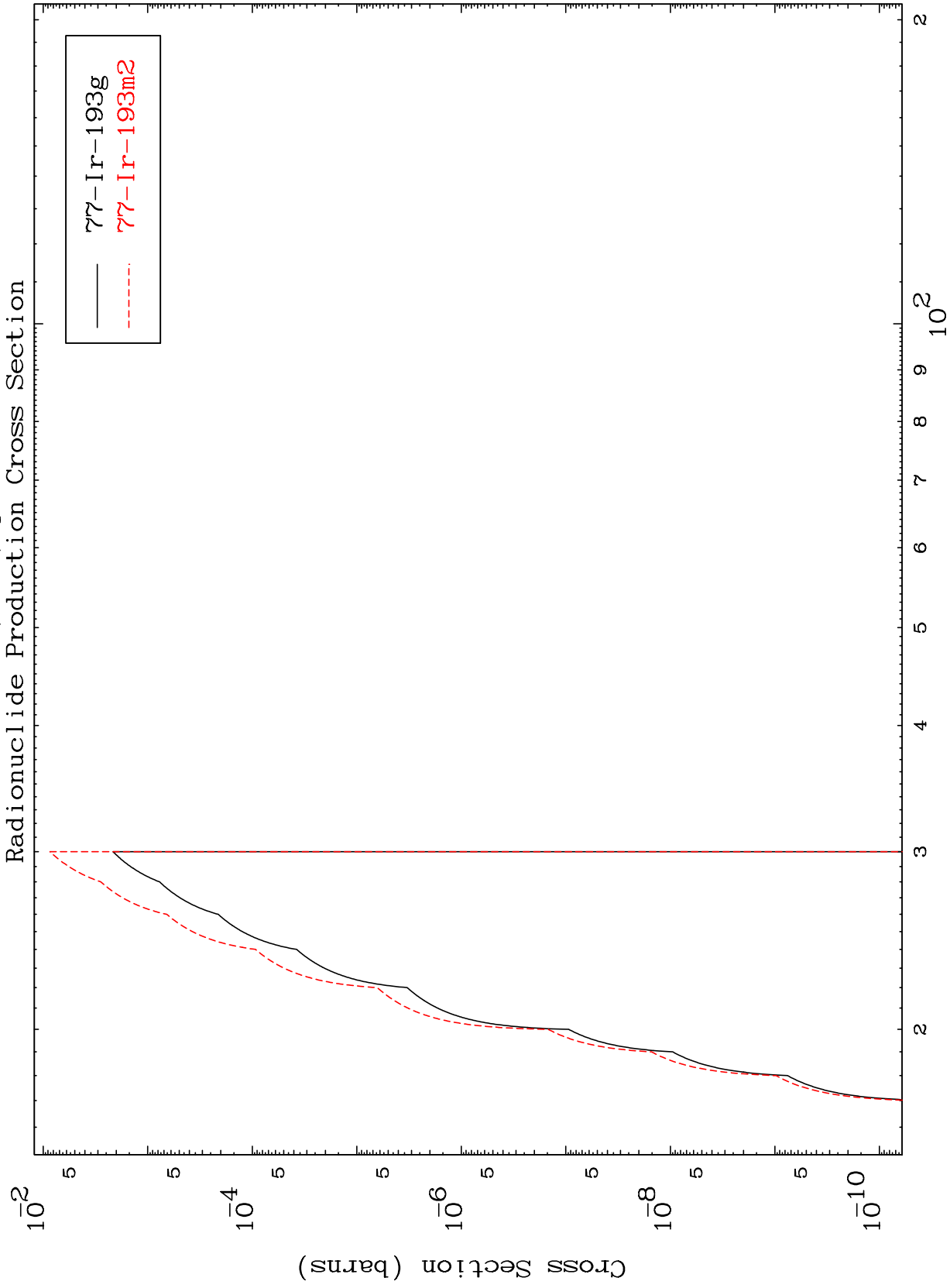
Incident Energy (MeV)

77-Ir-195

MAT 7738

(d,3n) p

77-Ir-195



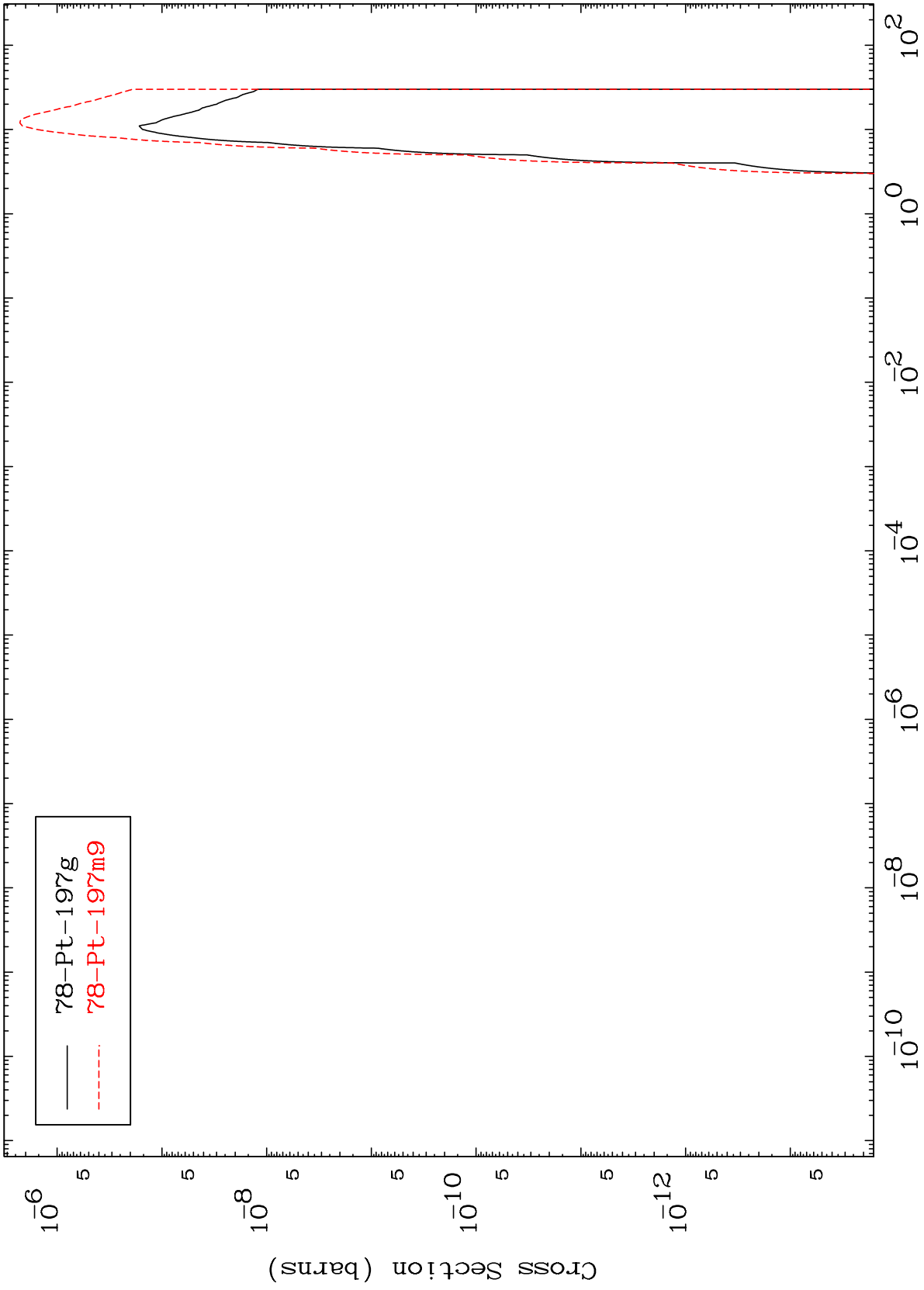
23

77-Ir-195

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(d, γ)
Radionuclide Production Cross Section

77-Ir-195

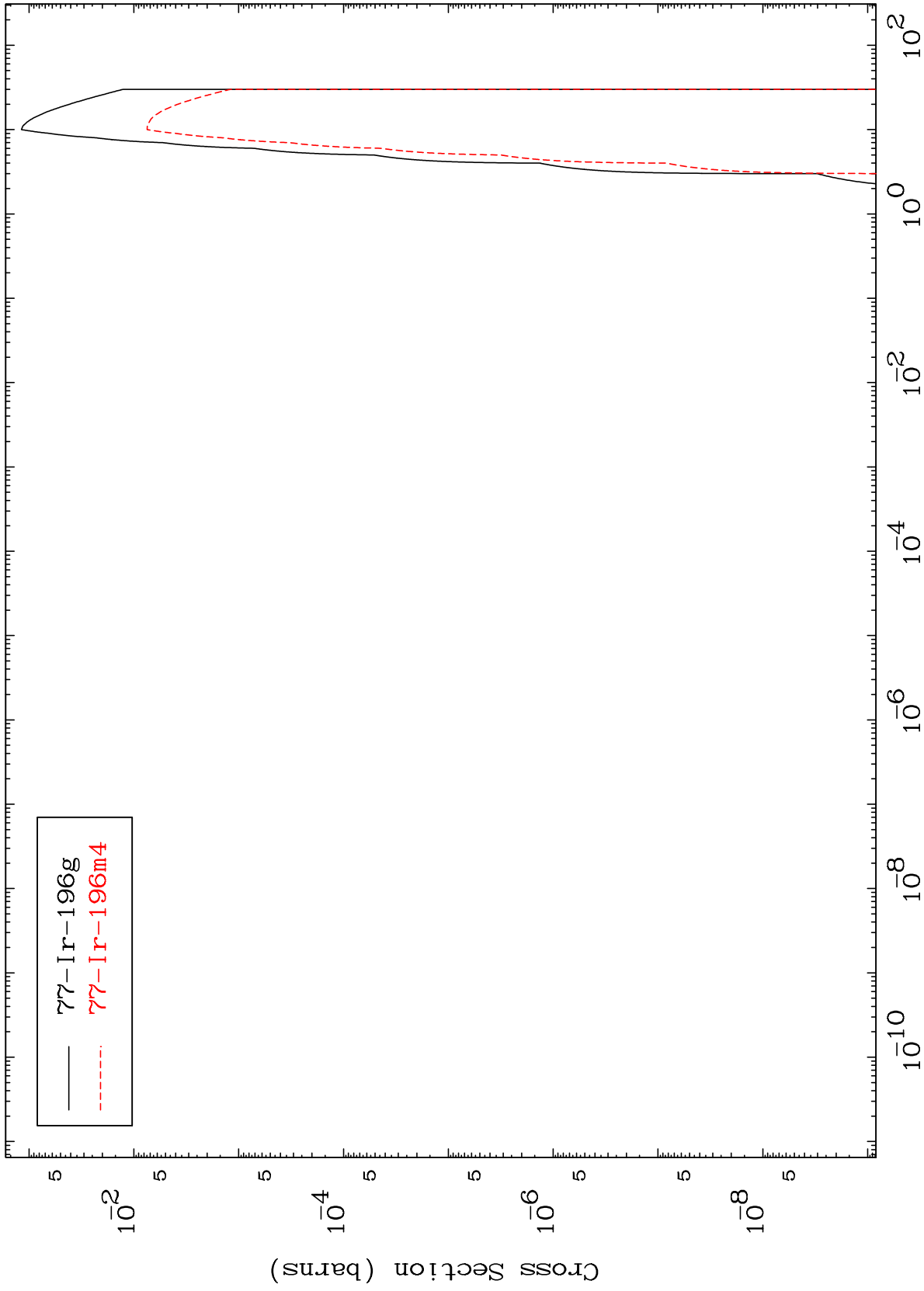


77-Ir-195

MAT 7738

(d,p)

Radionuclide Production Cross Section



25

Incident Energy (MeV)

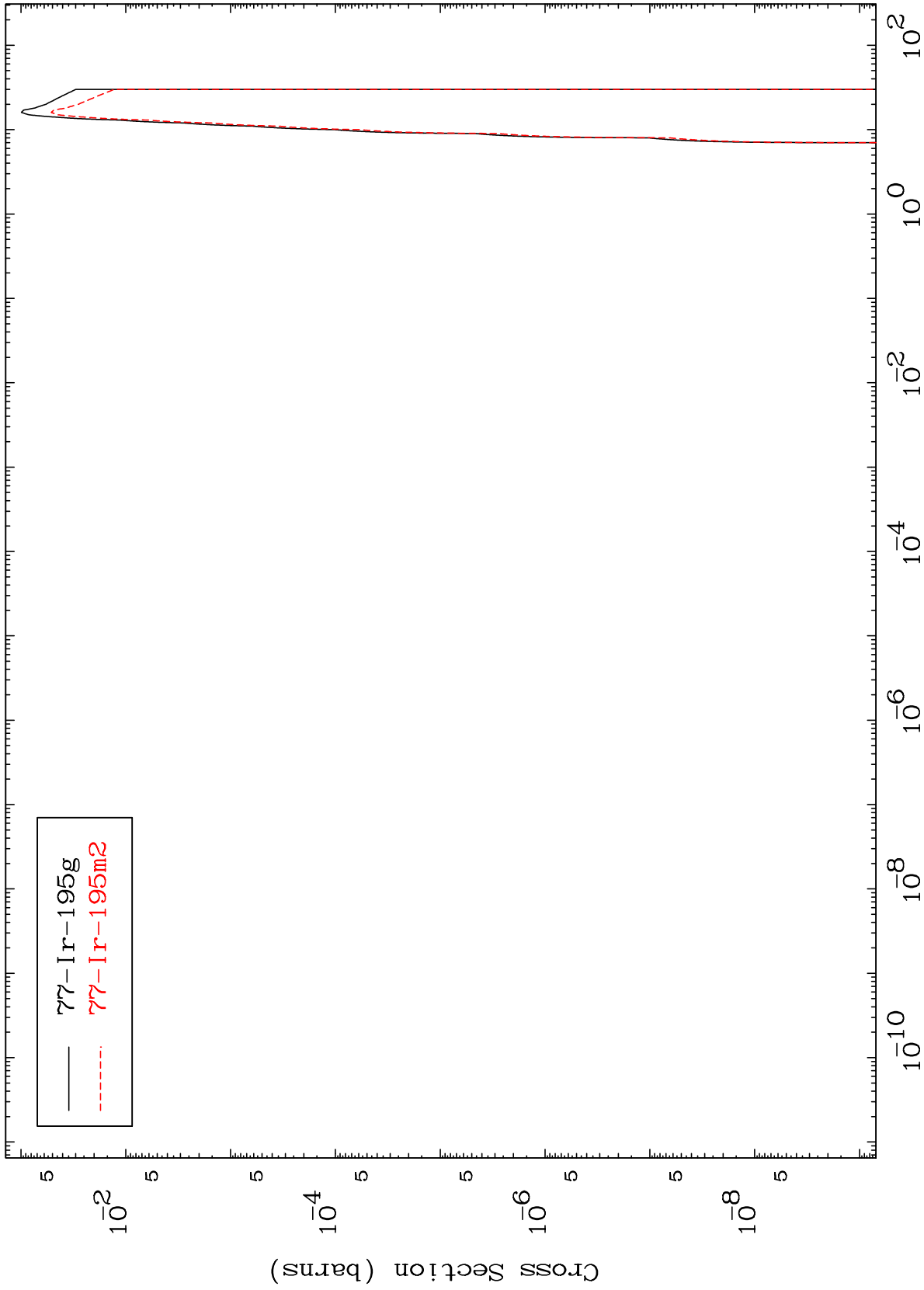
$^{77}\text{Ir-195}$

MAT 7738

(d,d)

⁷⁷Ir-195

Radionuclide Production Cross Section



26

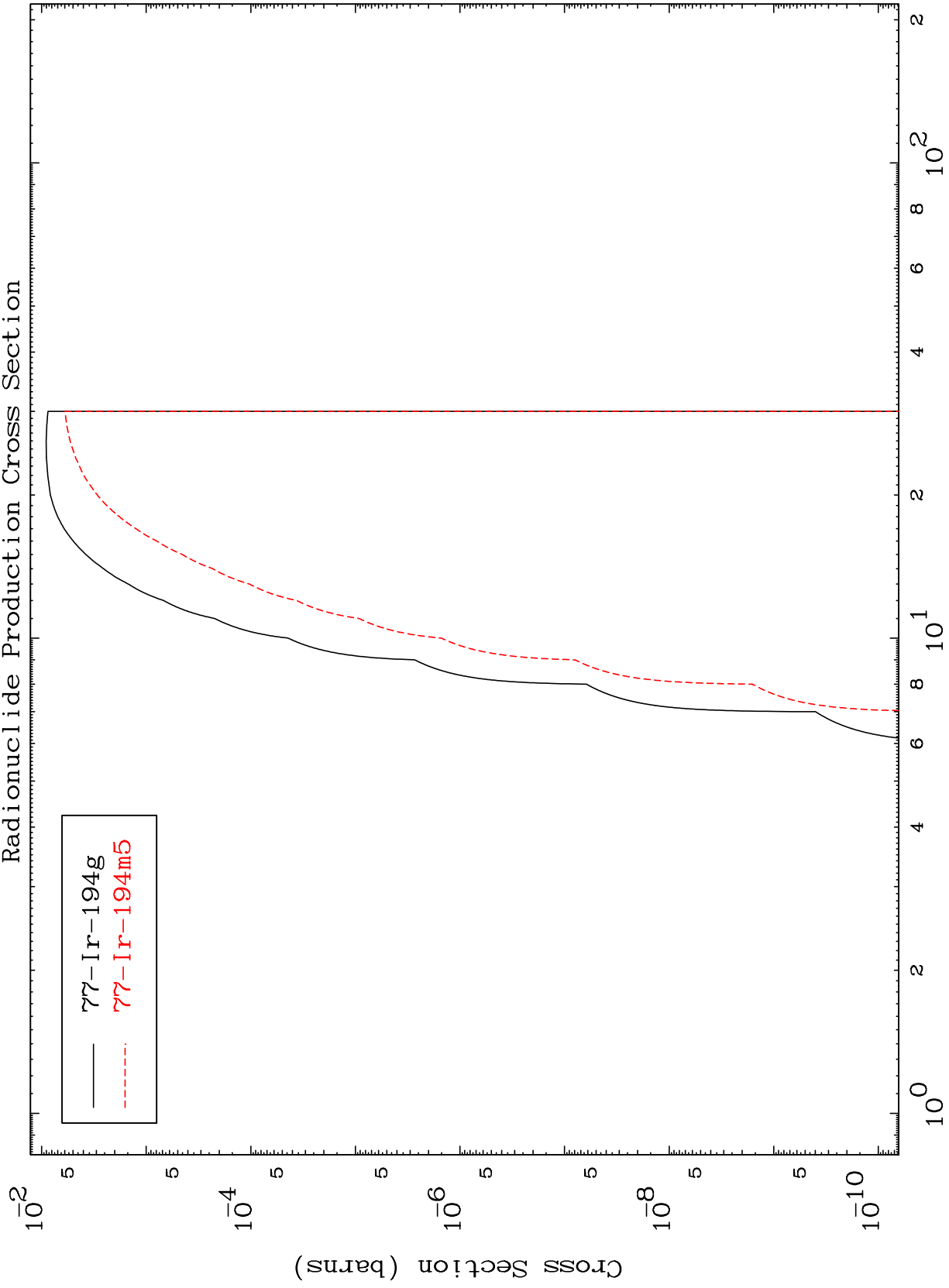
Incident Energy (MeV)

⁷⁷Ir-195

MAT 7738

(d, t)
Radionuclide Production Cross Section

77-Ir-195



27

Incident Energy (MeV)

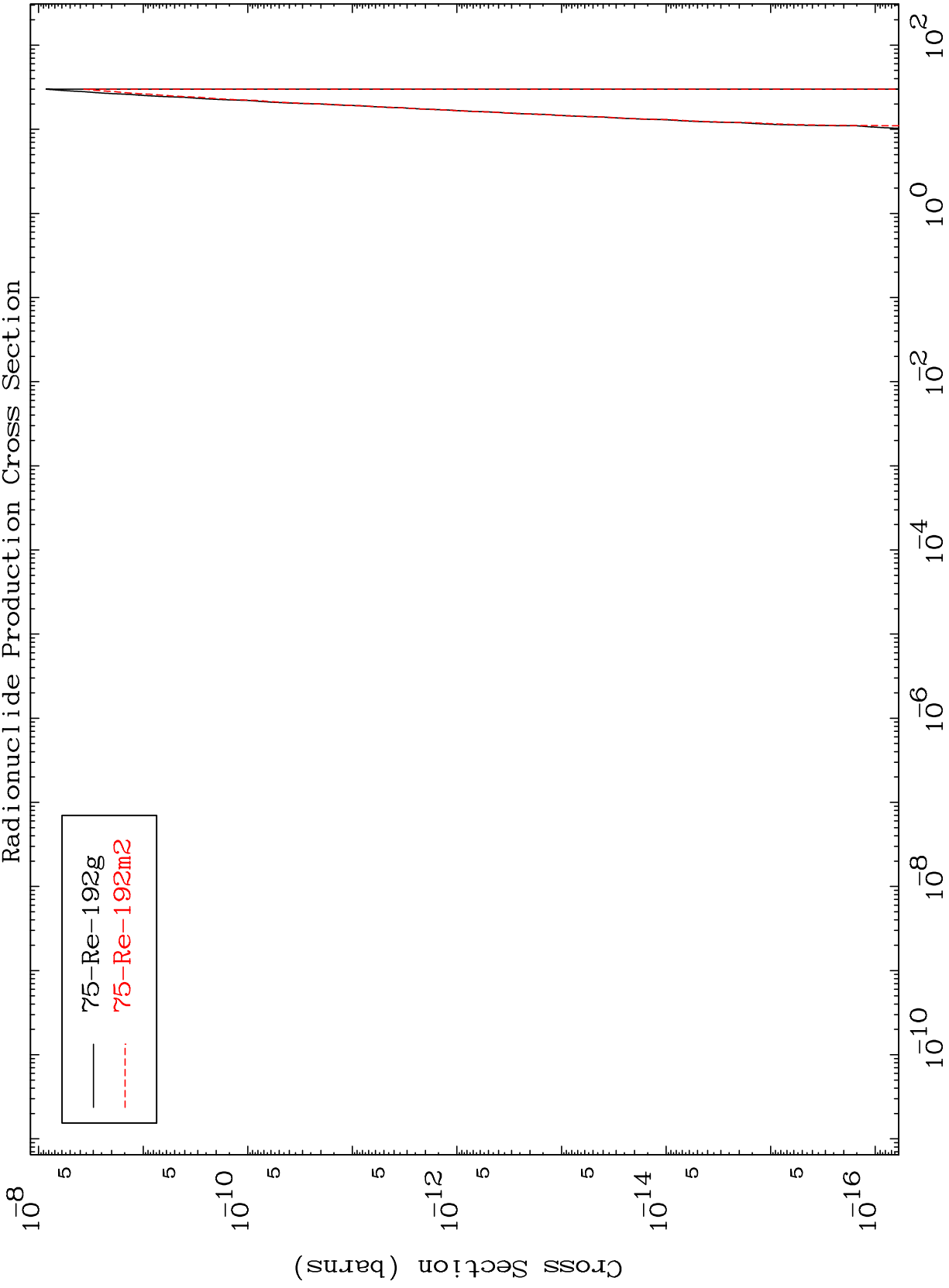
77-Ir-195

MAT 7738

(d,p) α

77-Ir-195

Radionuclide Production Cross Section



28

Incident Energy (MeV)

77-Ir-195