

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

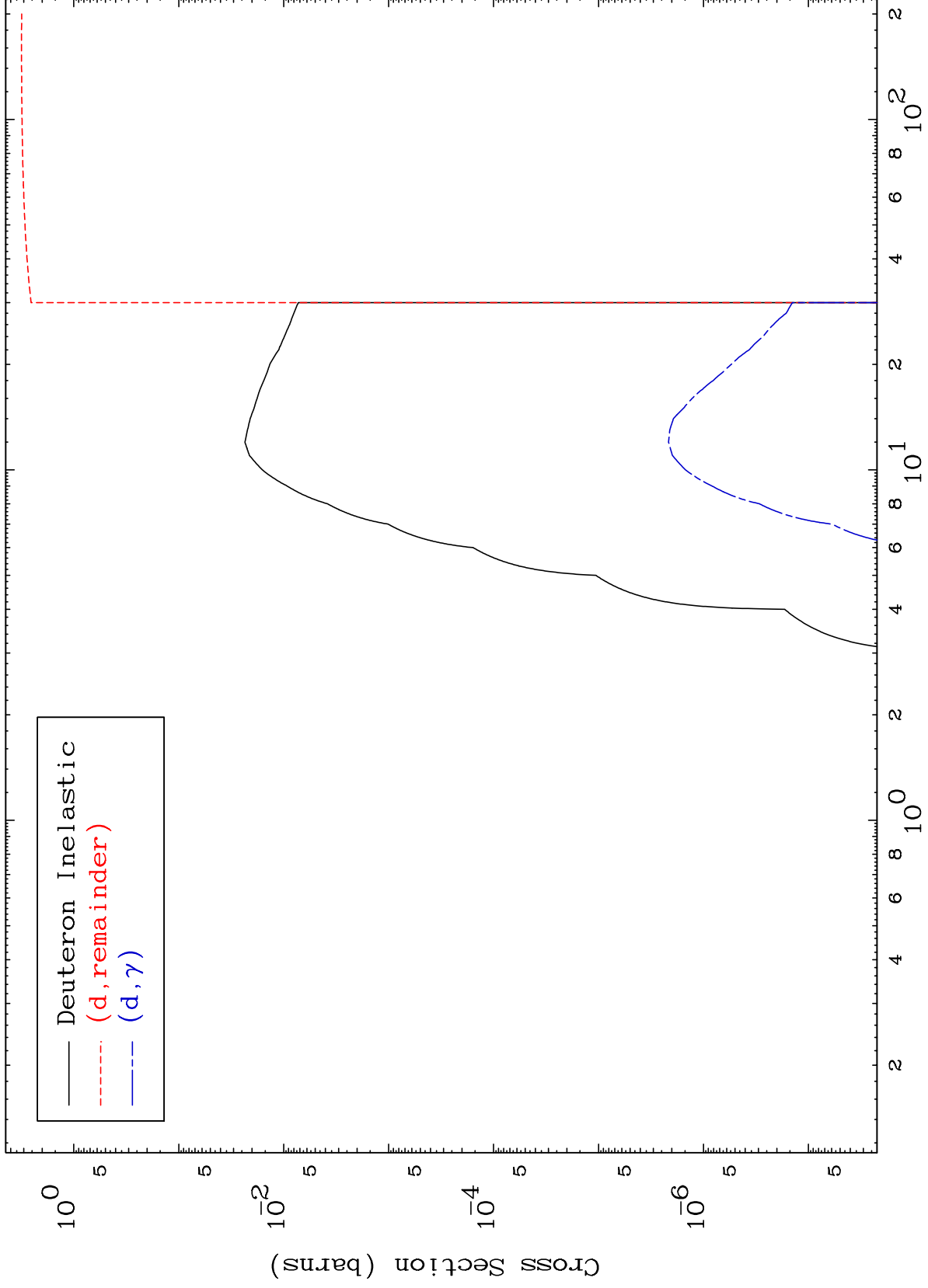
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

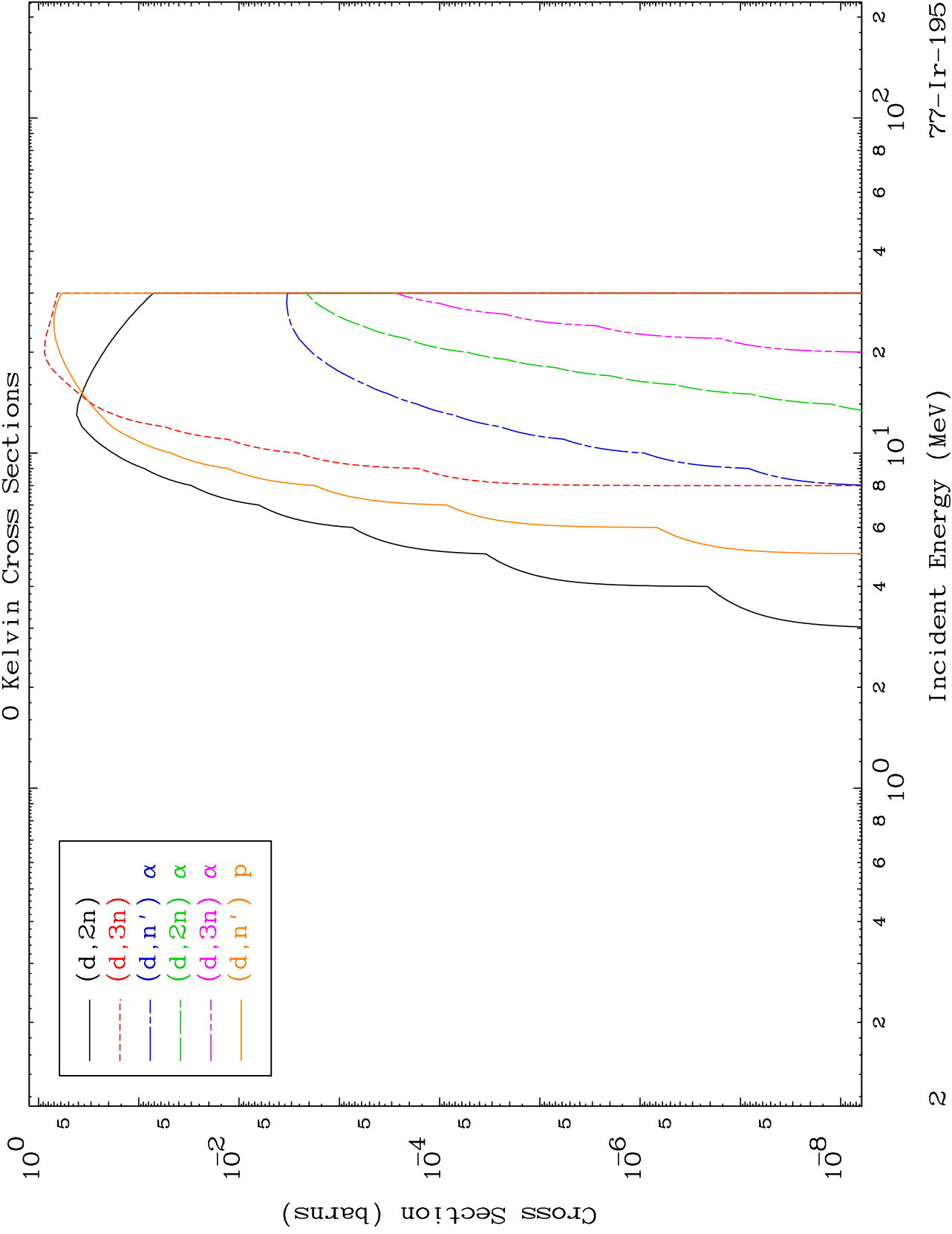
Tele: 925-443-1911

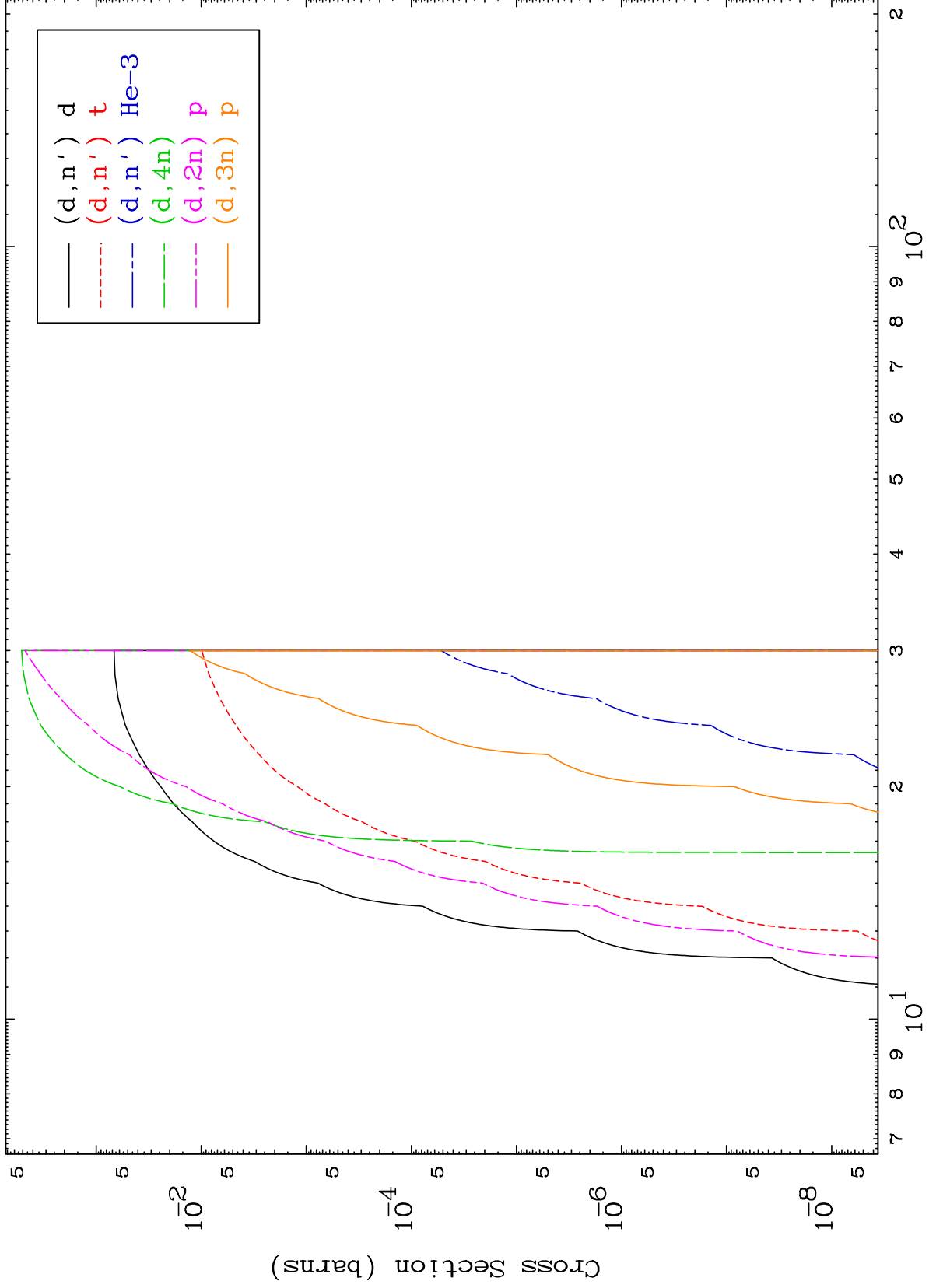
E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



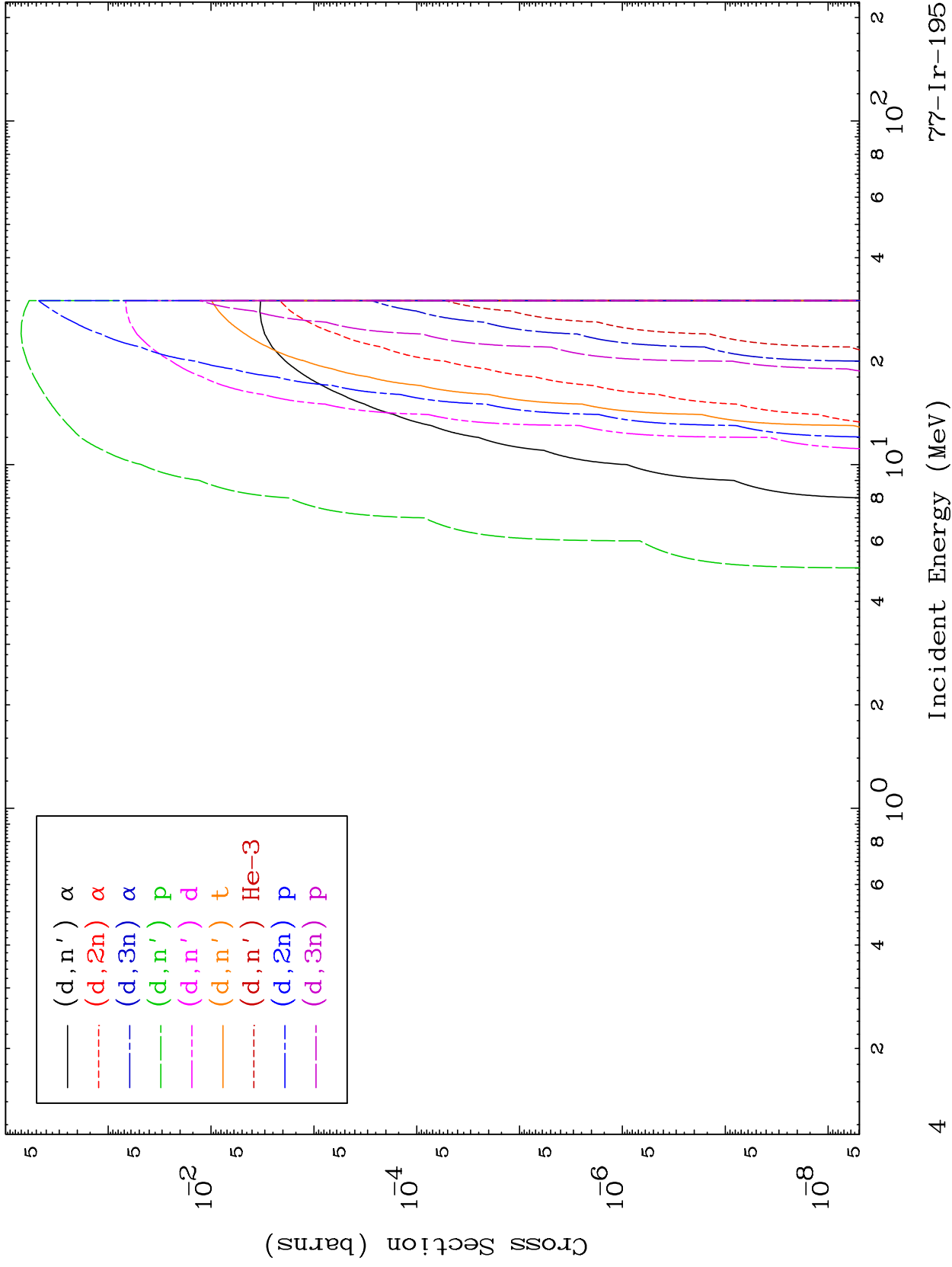


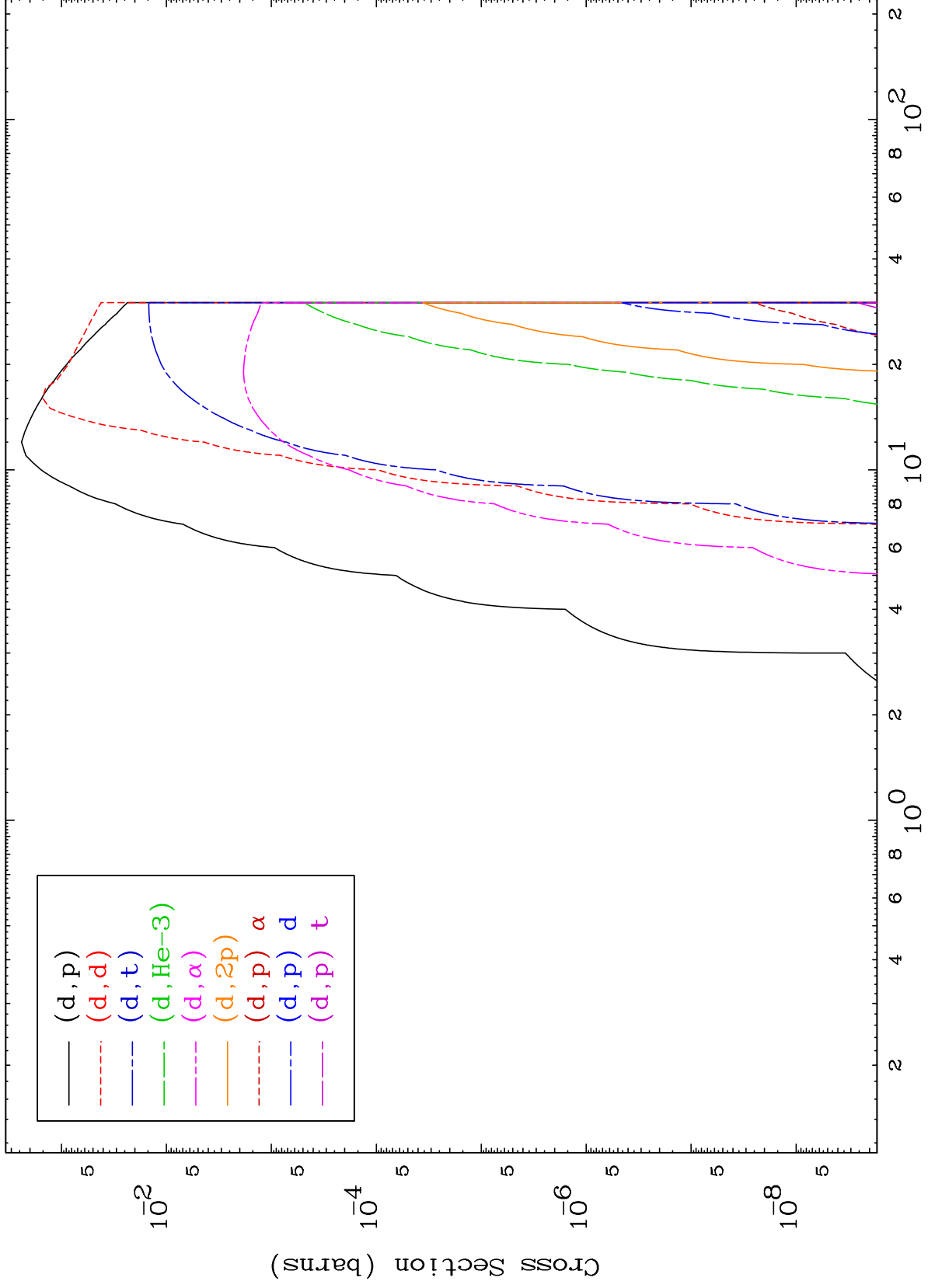


MAT 7738

Deuteron Charged Particle
0 Kelvin Cross Sections

77-Ir-195



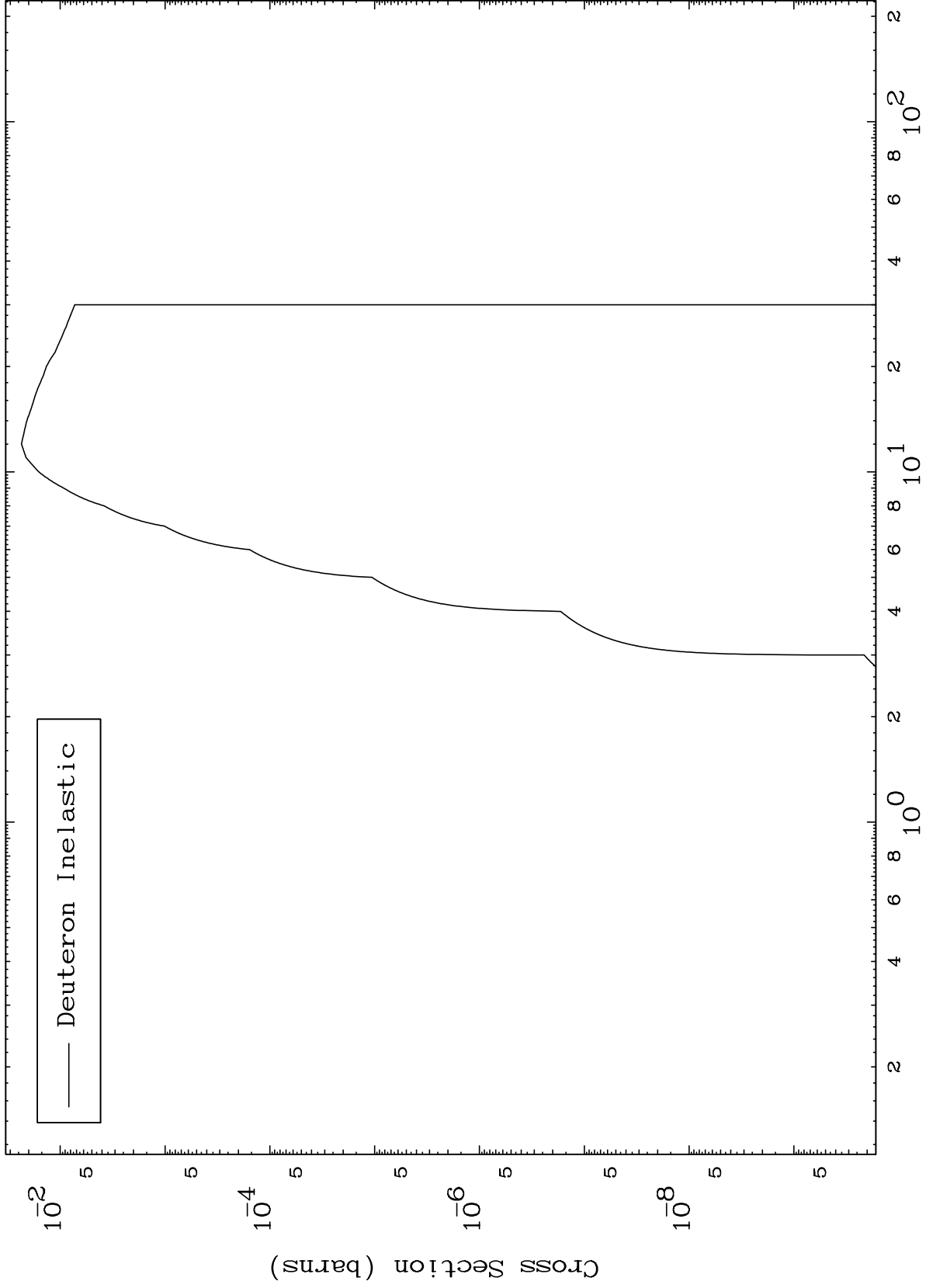


MAT 7738

(d,n') Level

77-Ir-195

0 Kelvin Cross Sections



6

Incident Energy (MeV)

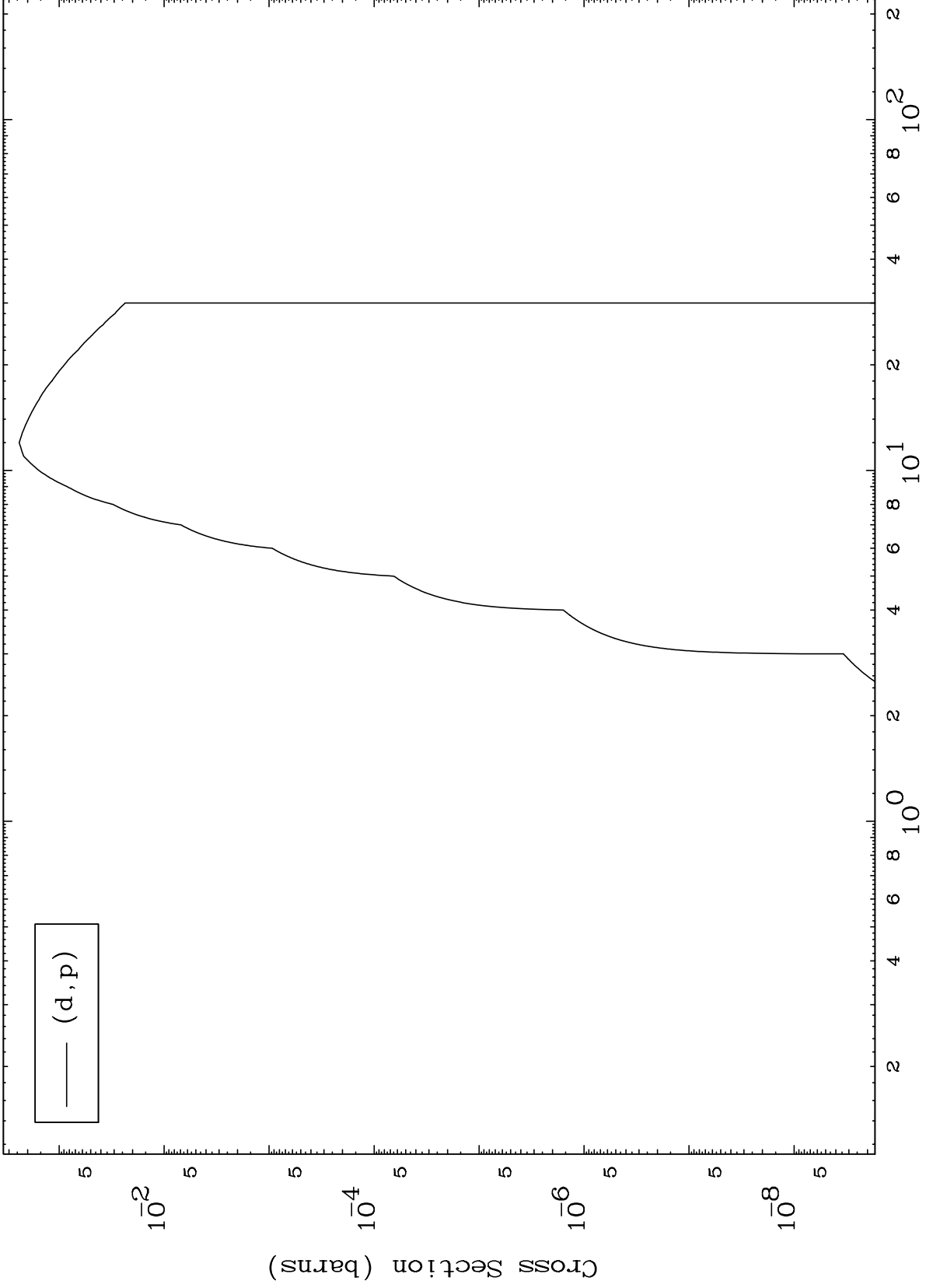
77-Ir-195

MAT 7738

(d,p) Levels

77-Ir-195

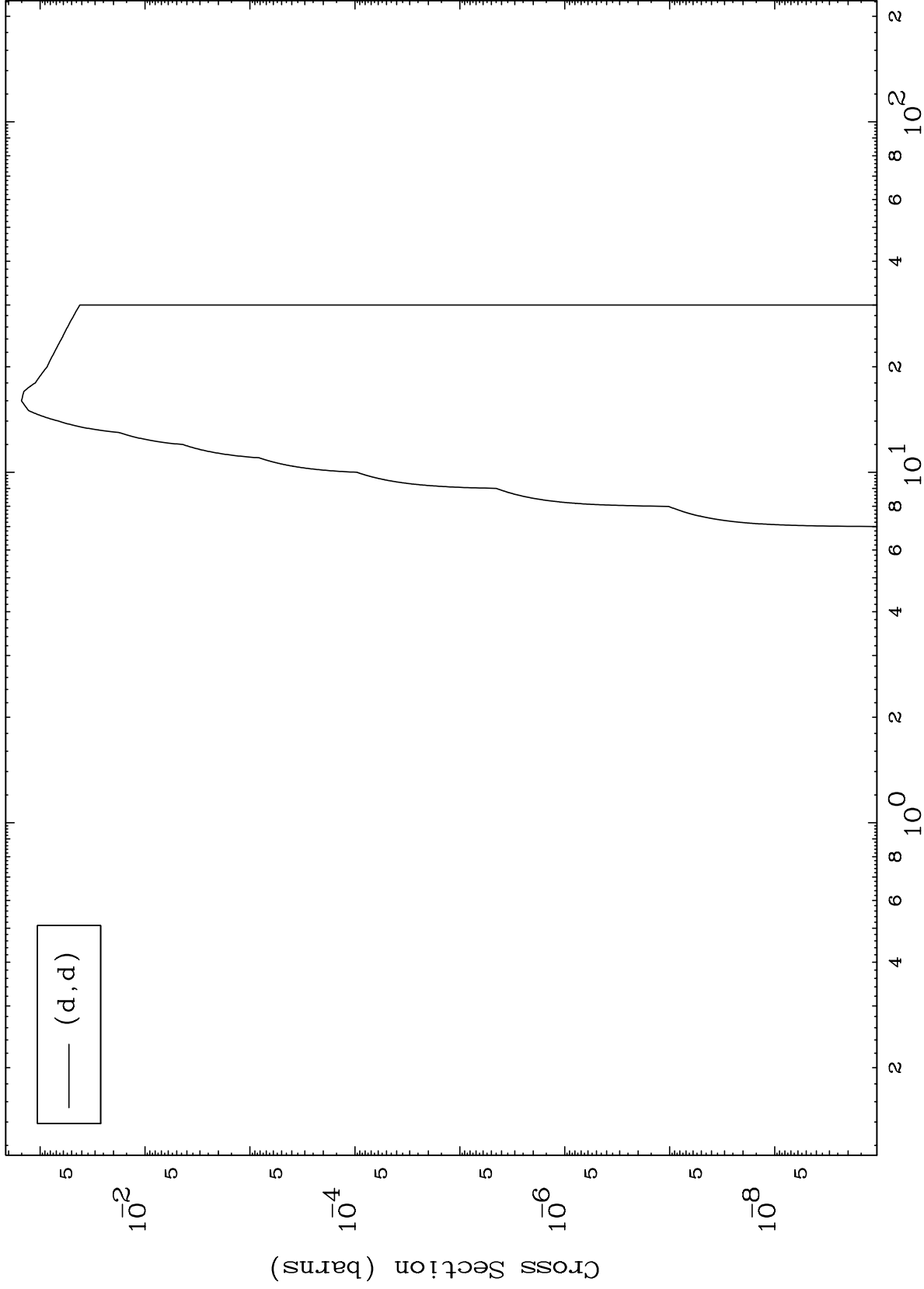
0 Kelvin Cross Sections



MAT 7738

77-Ir-195

(d,d) Levels
0 Kelvin Cross Sections

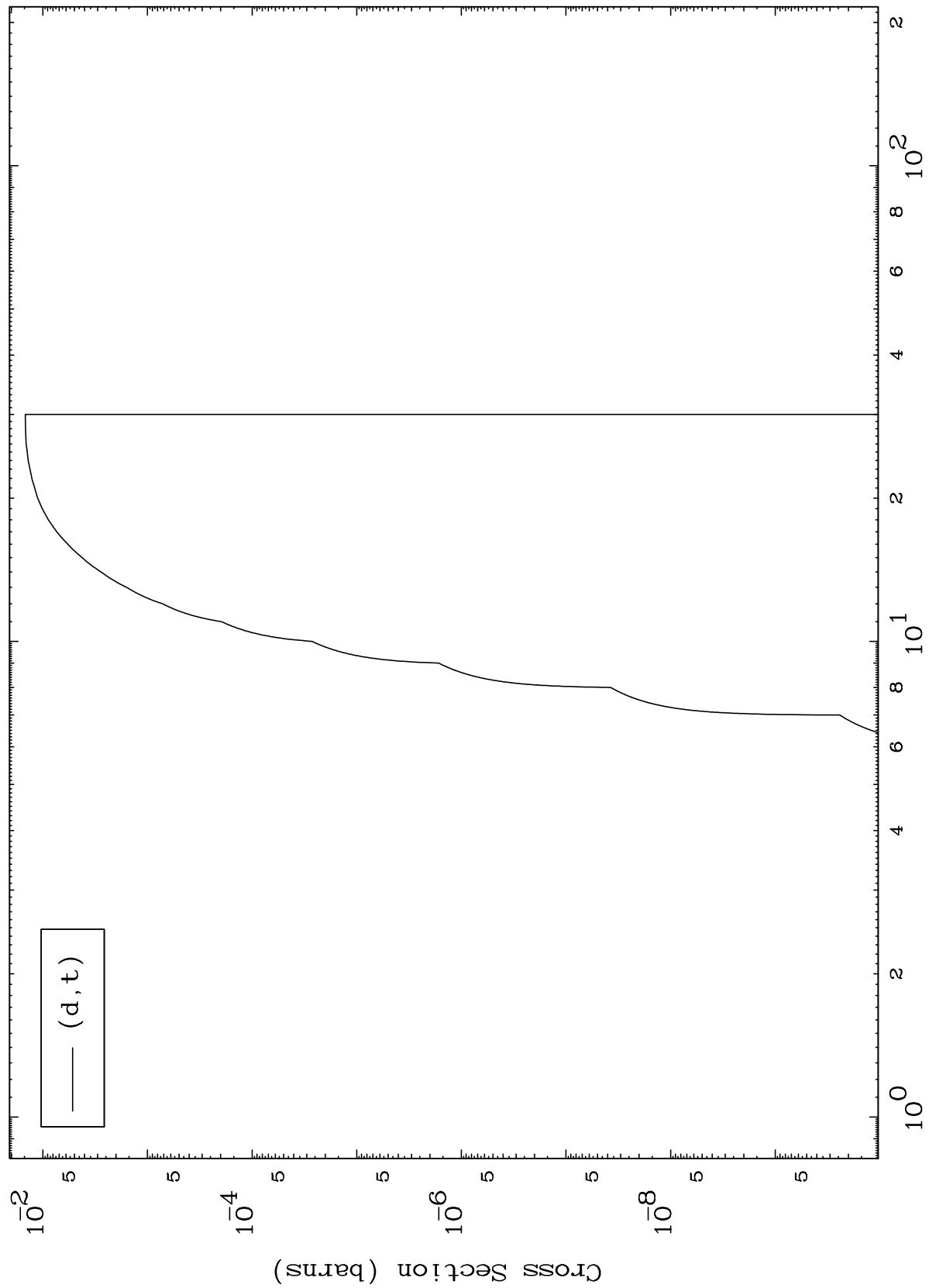


MAT 7738

(d,t) Levels

77-Ir-195

0 Kelvin Cross Sections



Incident Energy (MeV)

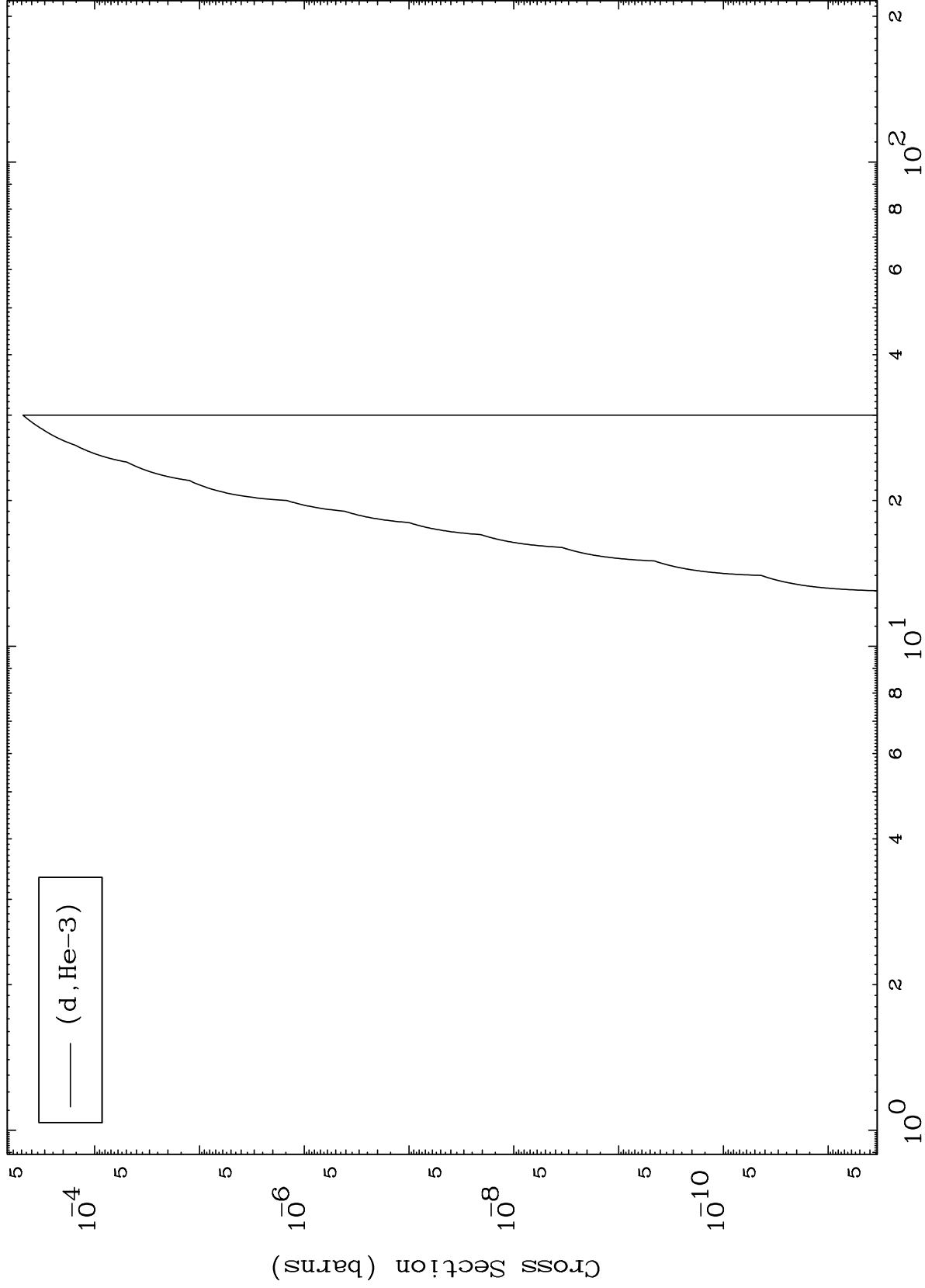
77-Ir-195

9

MAT 7738

(d,He3) Levels
0 Kelvin Cross Sections

77-Ir-195



Incident Energy (MeV)

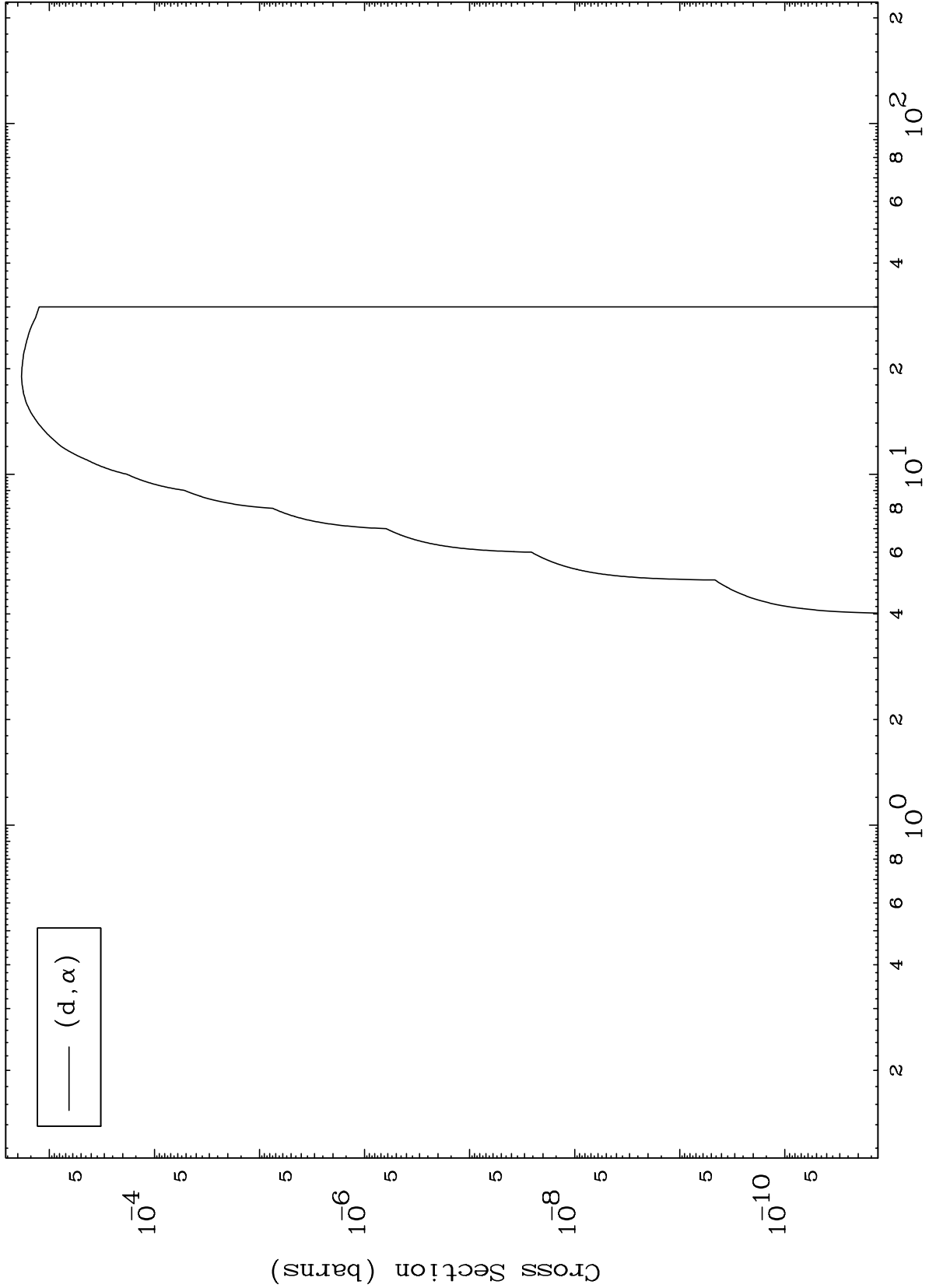
77-Ir-195

MAT 7738

(d, α) Levels

77-Ir-195

0 Kelvin Cross Sections

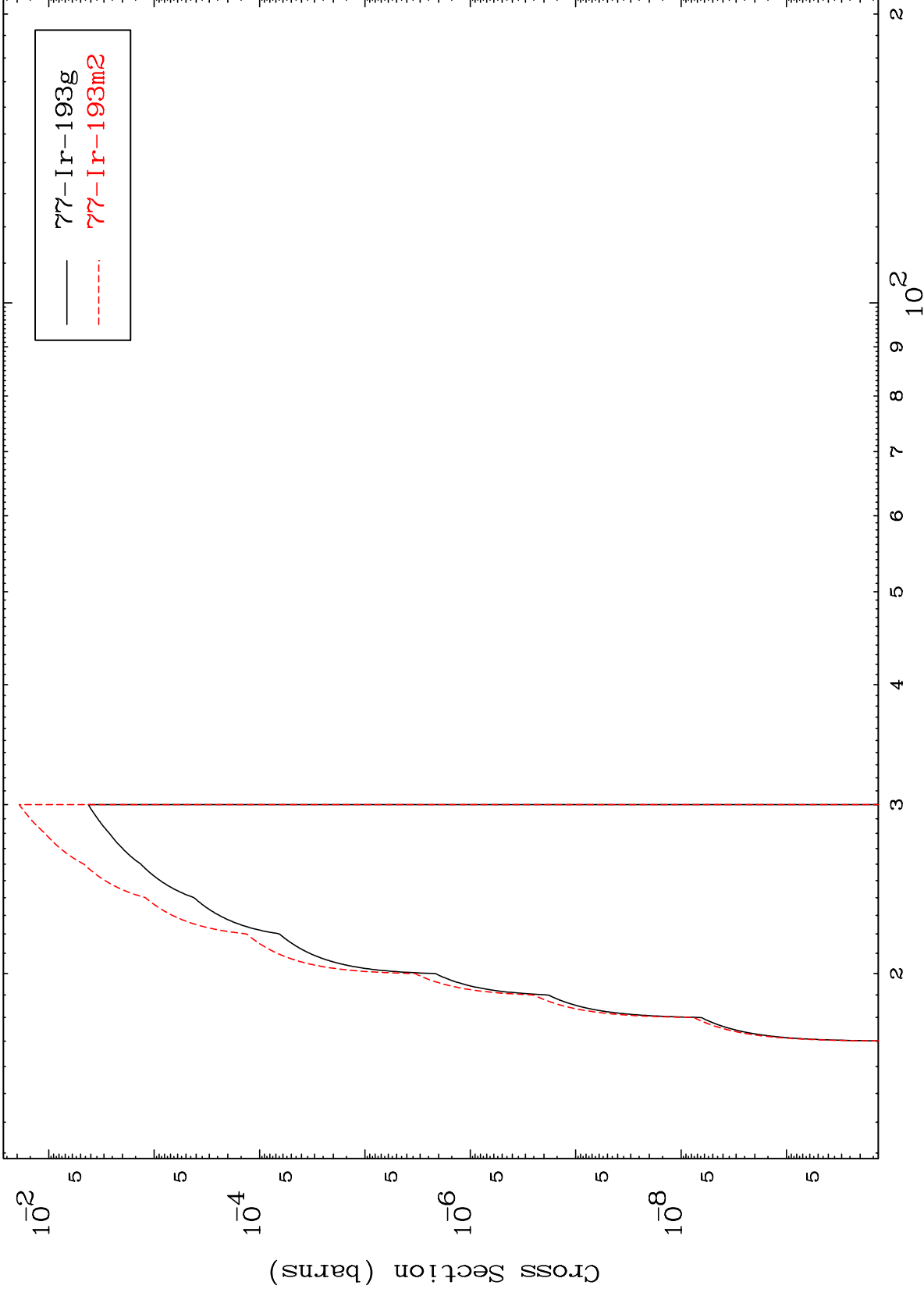


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(d,2n) d

77-Ir-195

Radionuclide Production Cross Section



12

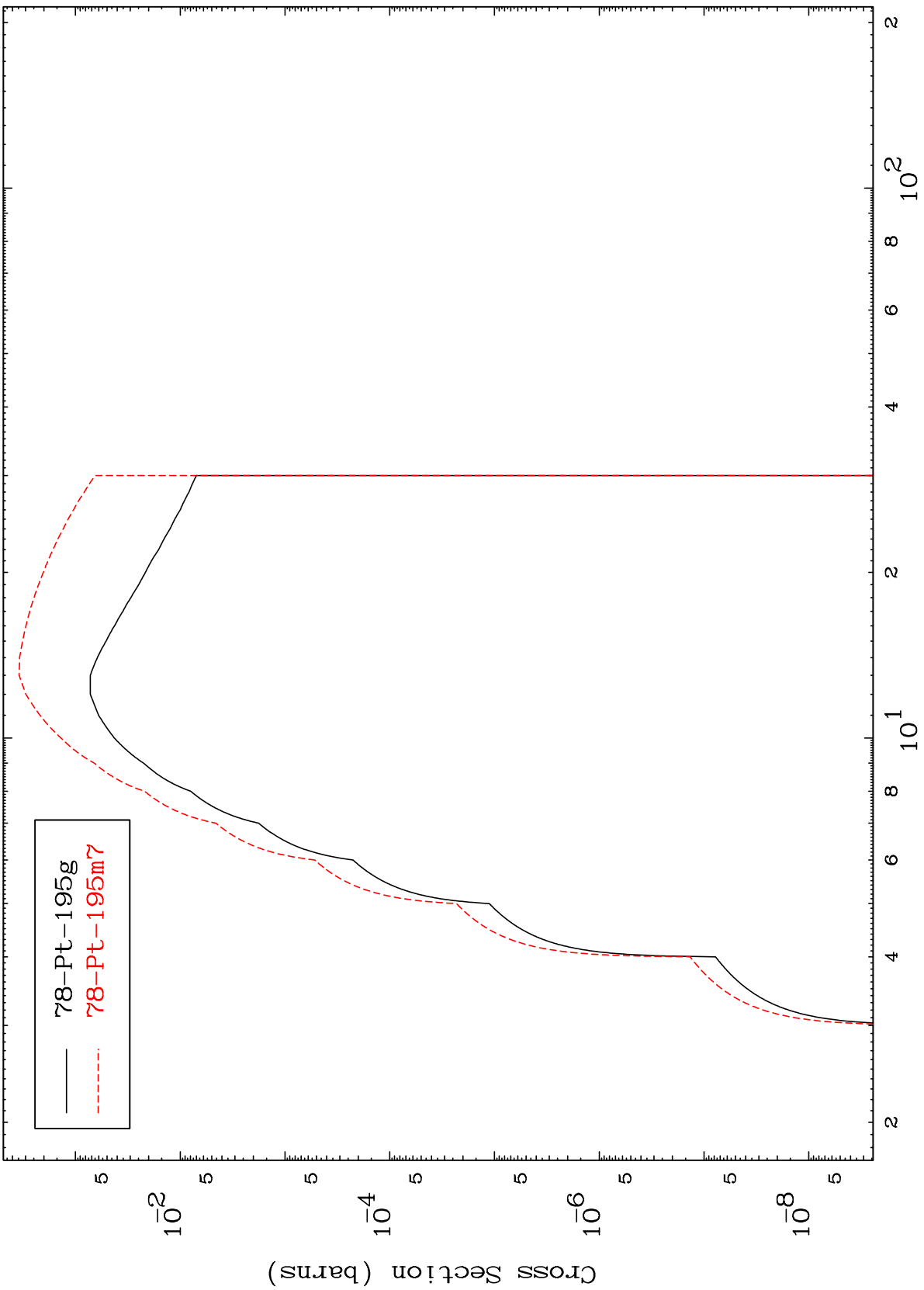
Incident Energy (MeV)

77-Ir-195

MAT 7738

77-Ir-195

Radionuclide Production Cross Section
(d,2n)



78-Pt-195g
78-Pt-195m7

13

Incident Energy (MeV)

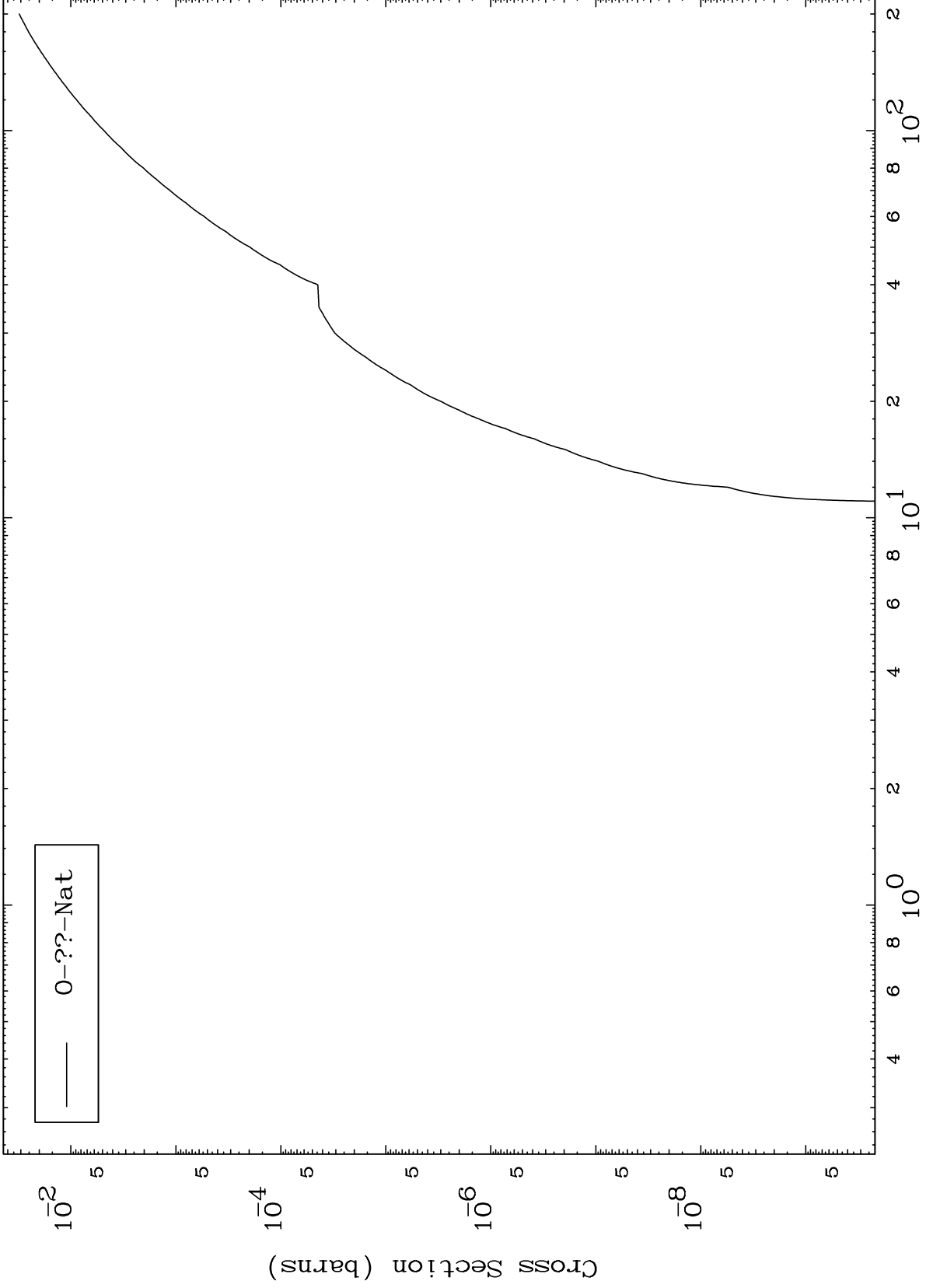
77-Ir-195

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Deuteron Fission

77-Ir-195

Radionuclide Production Cross Section



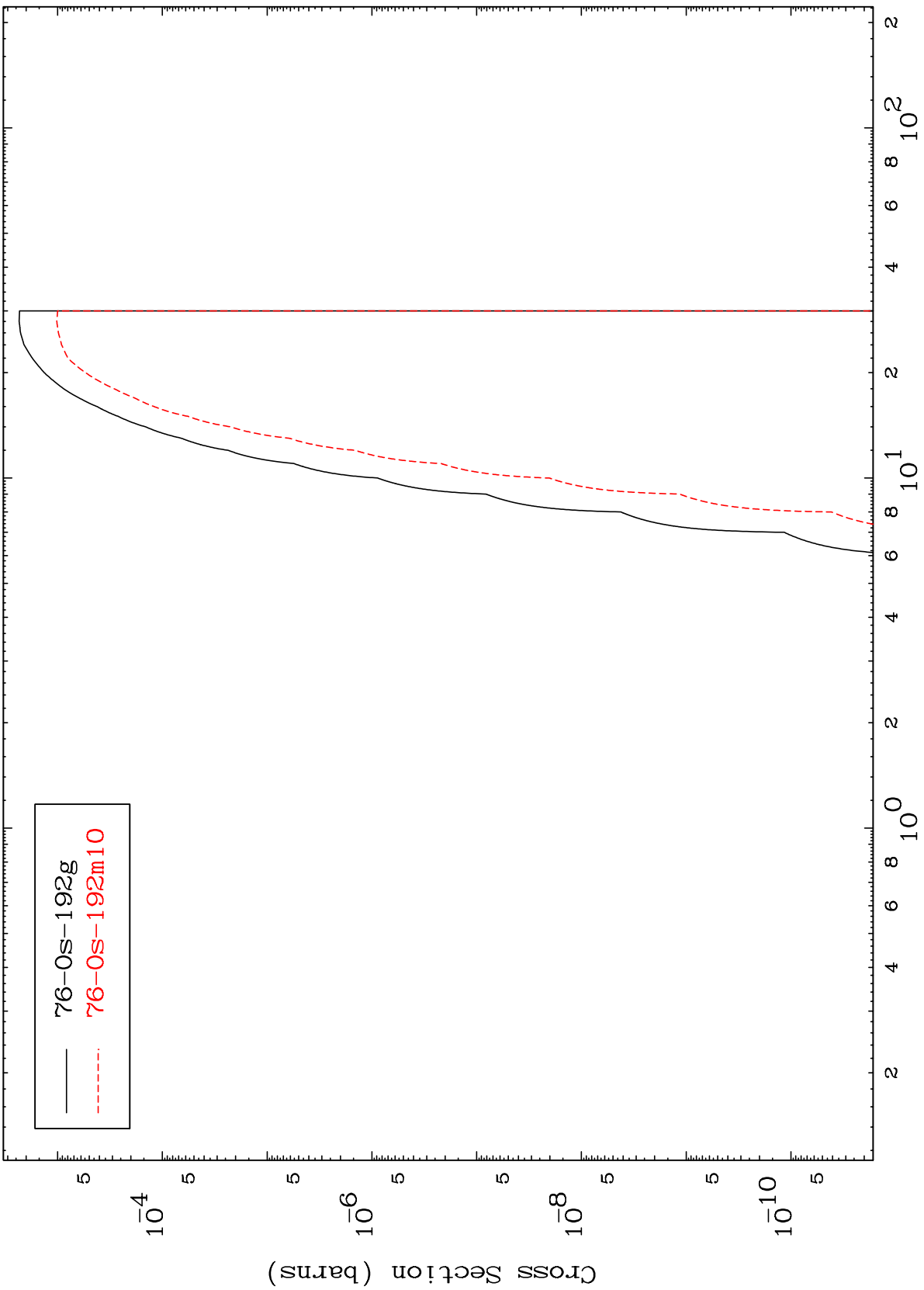
0-??-Nat

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(d,n') α

77-Ir-195

Radionuclide Production Cross Section



15

Incident Energy (MeV)

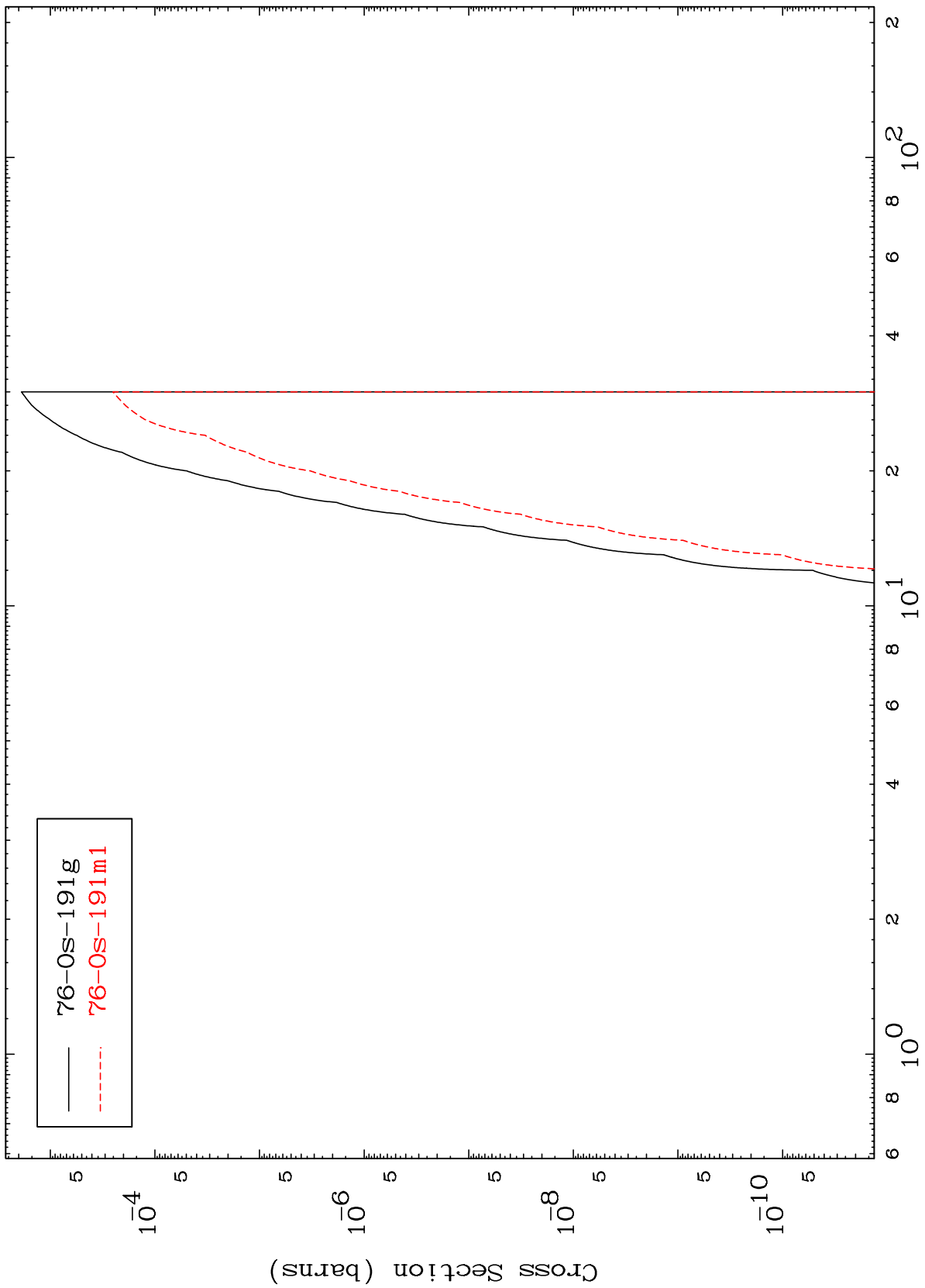
77-Ir-195

MAT 7738

^{76}Os α

^{77}Ir -195

Radionuclide Production Cross Section



16

Incident Energy (MeV)

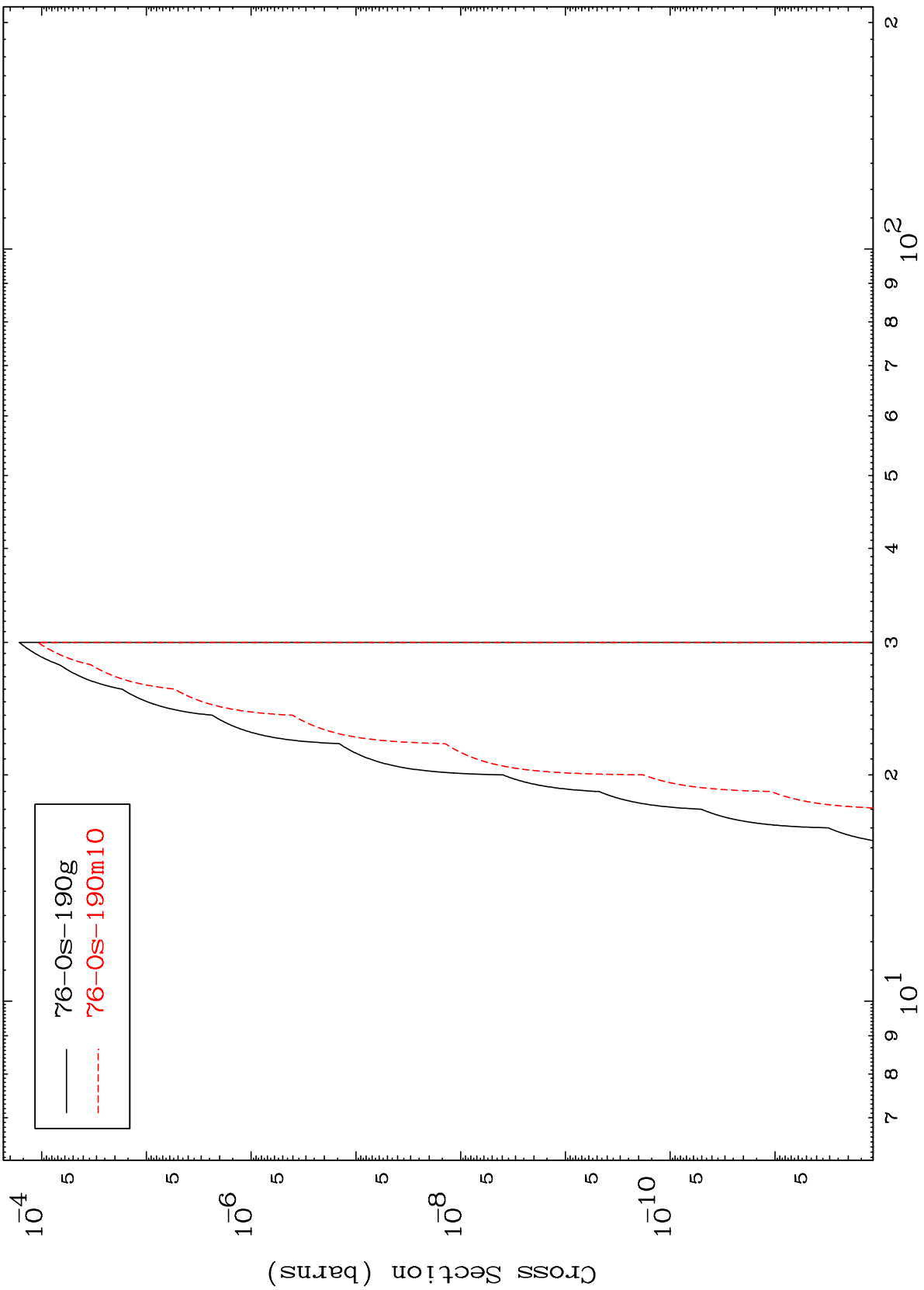
^{77}Ir -195

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(d,3n) α

⁷⁷Ir-195

Radionuclide Production Cross Section



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

17

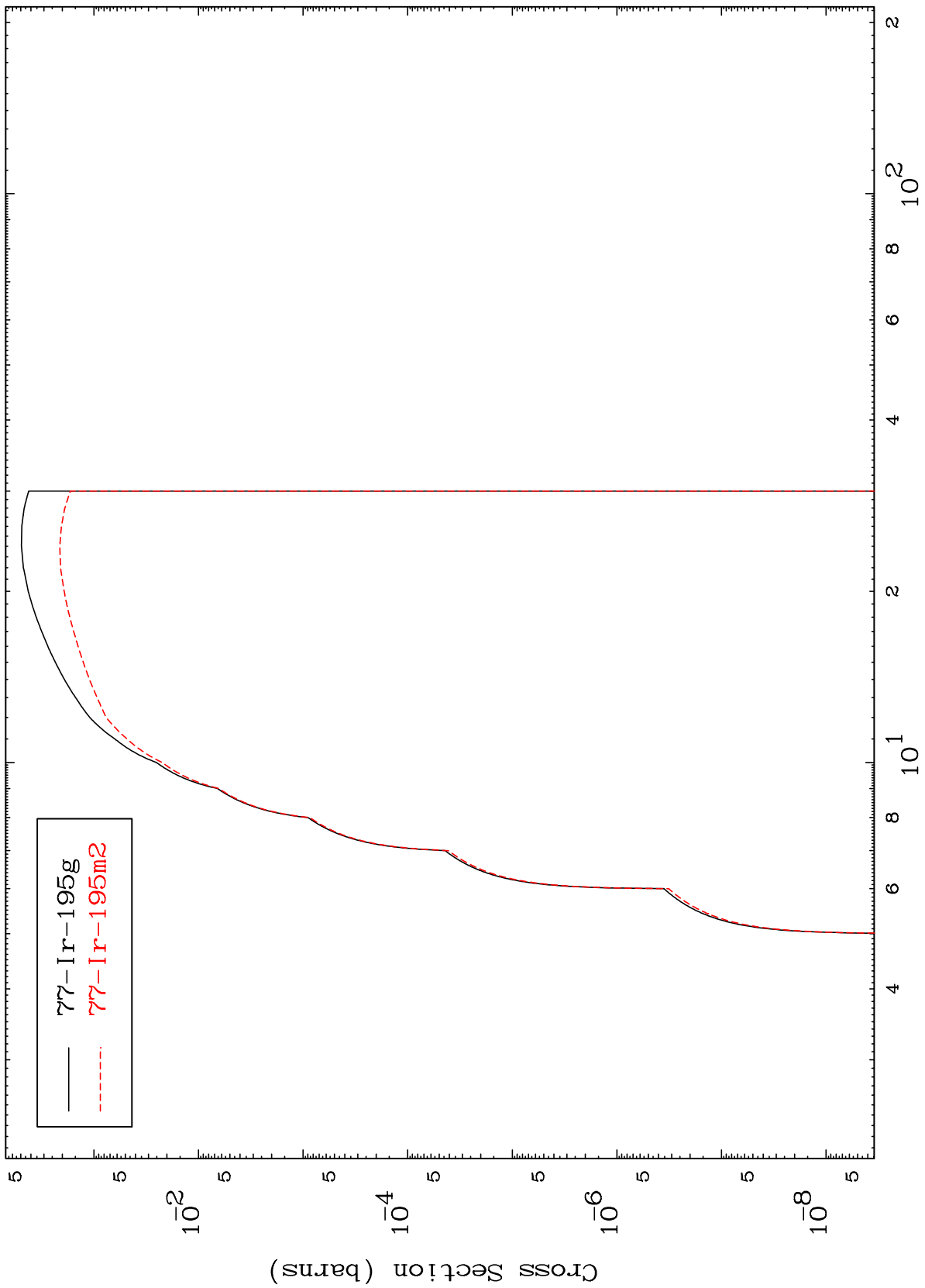
Incident Energy (MeV)

⁷⁷Ir-195

MAT 7738

⁷⁷Ir-195

Radionuclide Production Cross Section



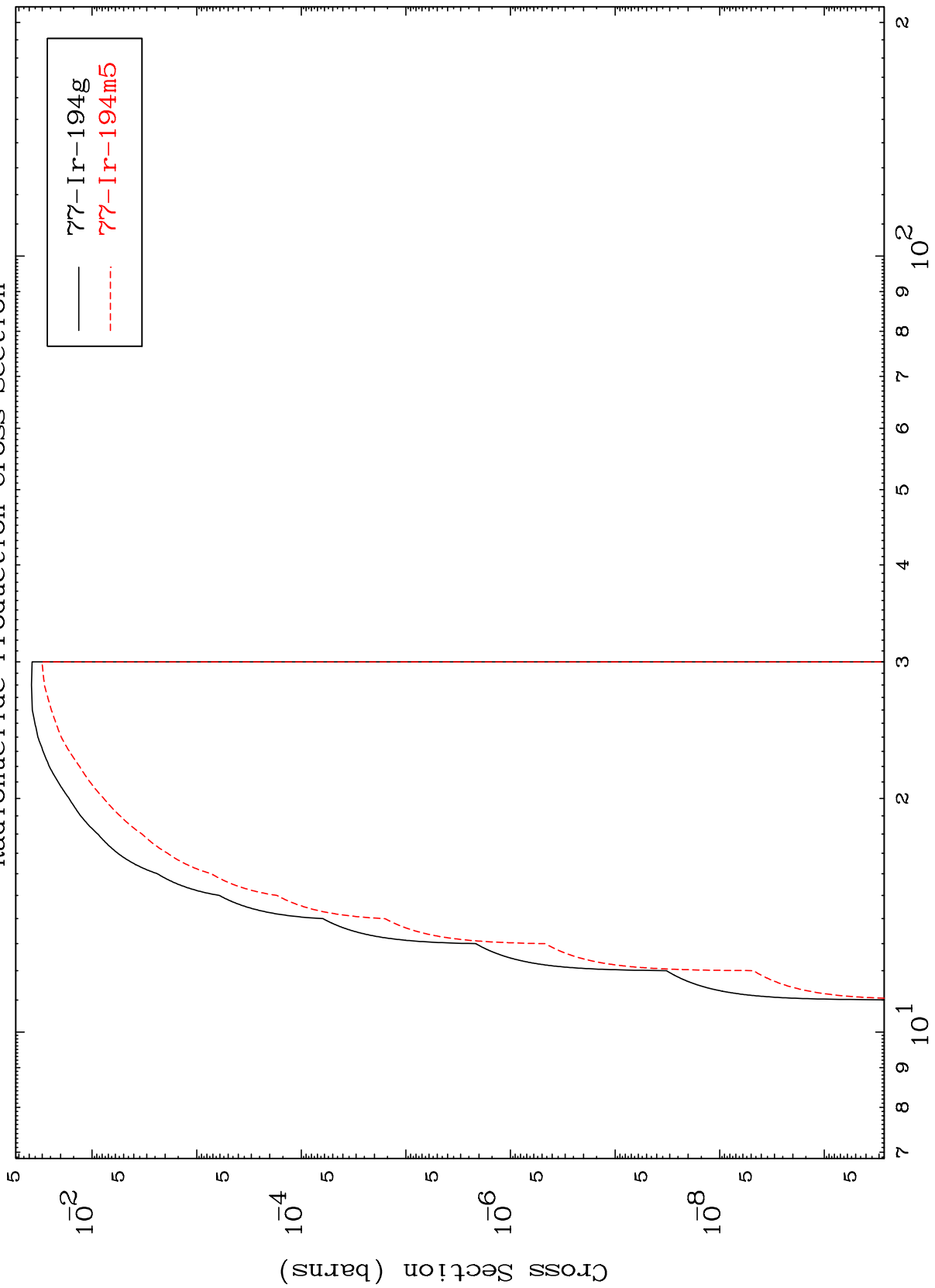
— ⁷⁷Ir-195g
- - - ⁷⁷Ir-195m2

MAT 7738

(d,n') d

77-Ir-195

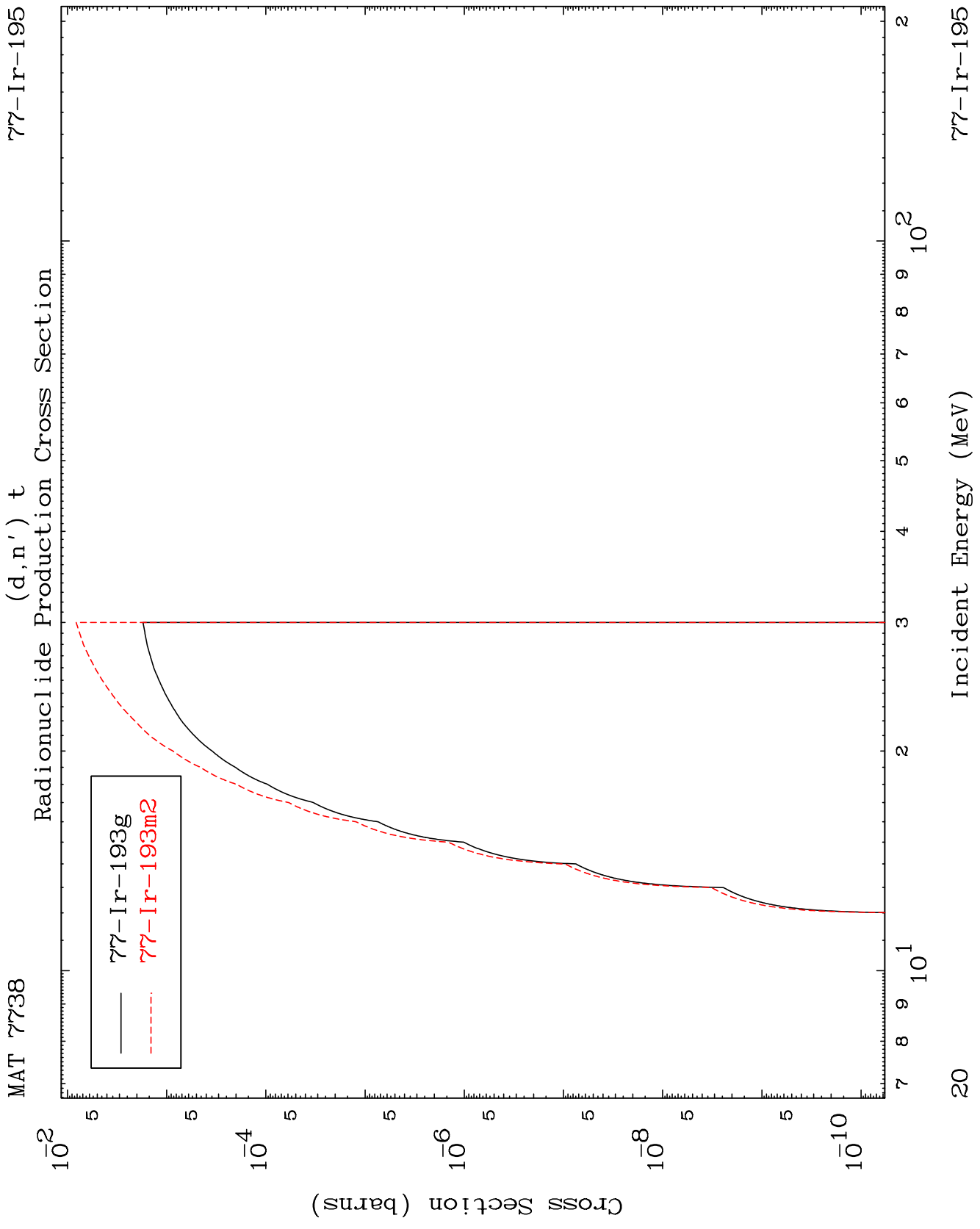
Radionuclide Production Cross Section



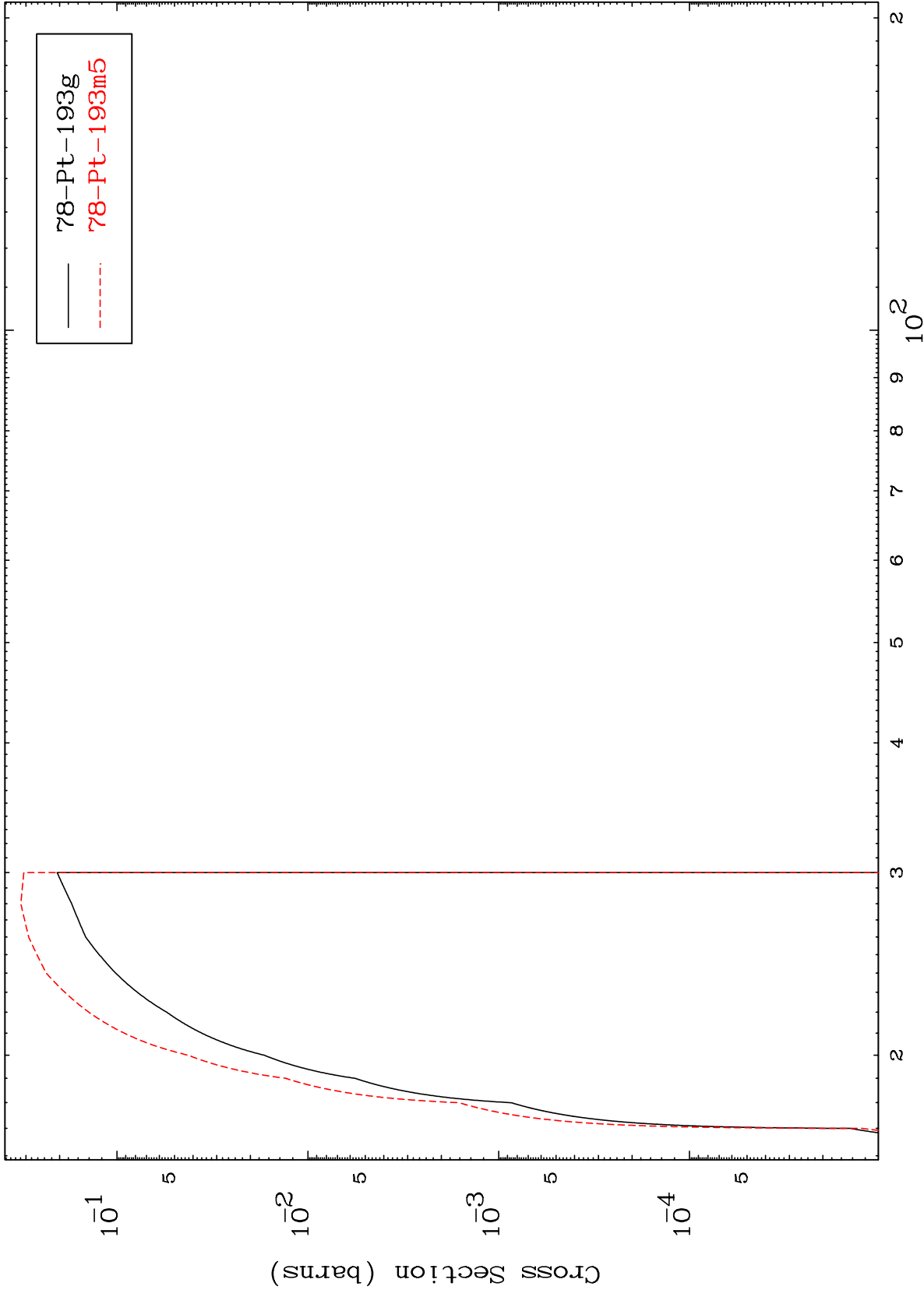
19

Incident Energy (MeV)

77-Ir-195



Radionuclide Production Cross Section

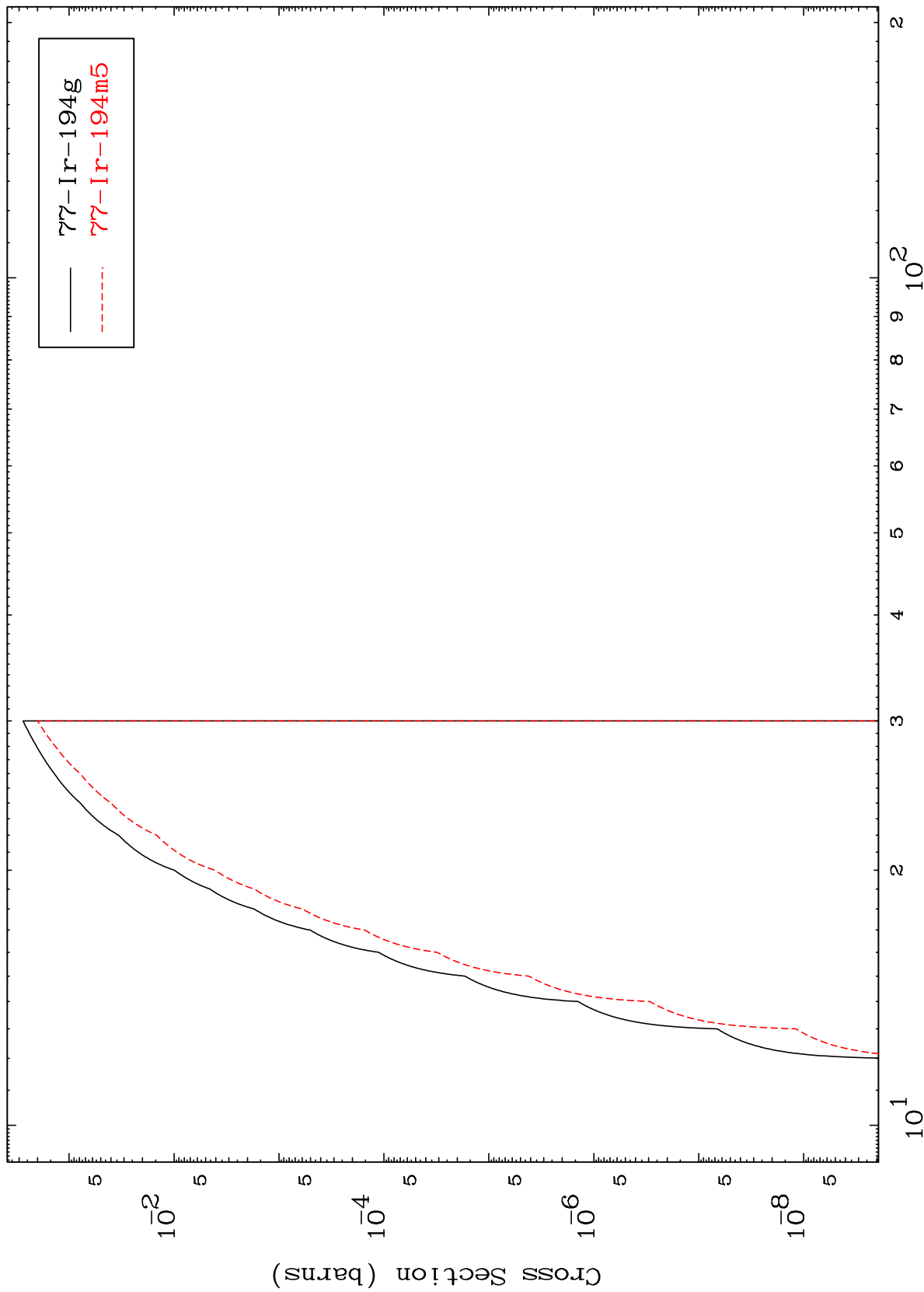


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77-Ir-195

(d,2n) p

Radionuclide Production Cross Section



77-Ir-195

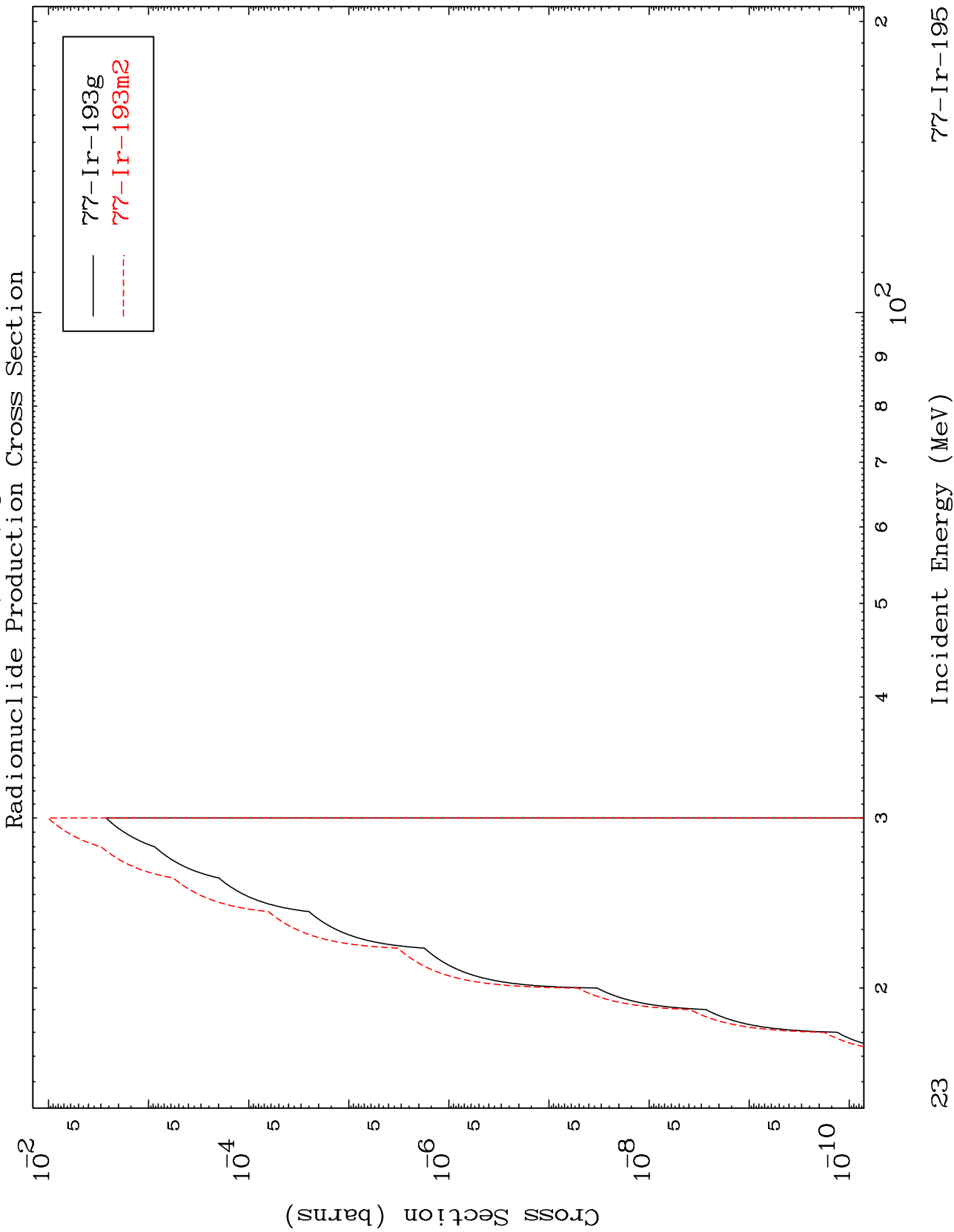
Incident Energy (MeV)

22

MAT 7738

(d,3n) p

77-Ir-195



23

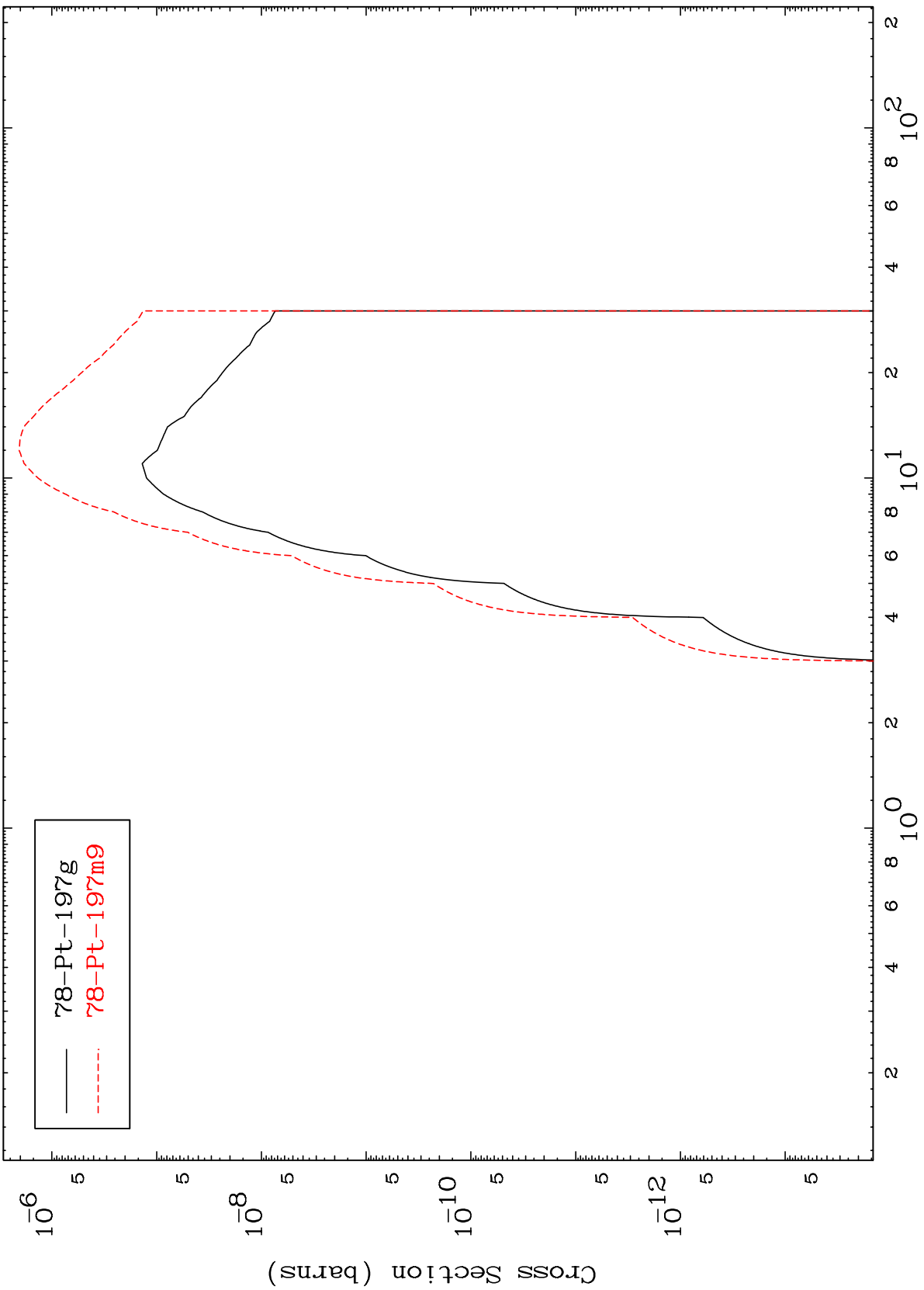
Incident Energy (MeV)

77-Ir-195

MAT 7738

77-Ir-195

(d, γ)
Radionuclide Production Cross Section



— 78-Pt-197g
- - - 78-Pt-197m9

77-Ir-195

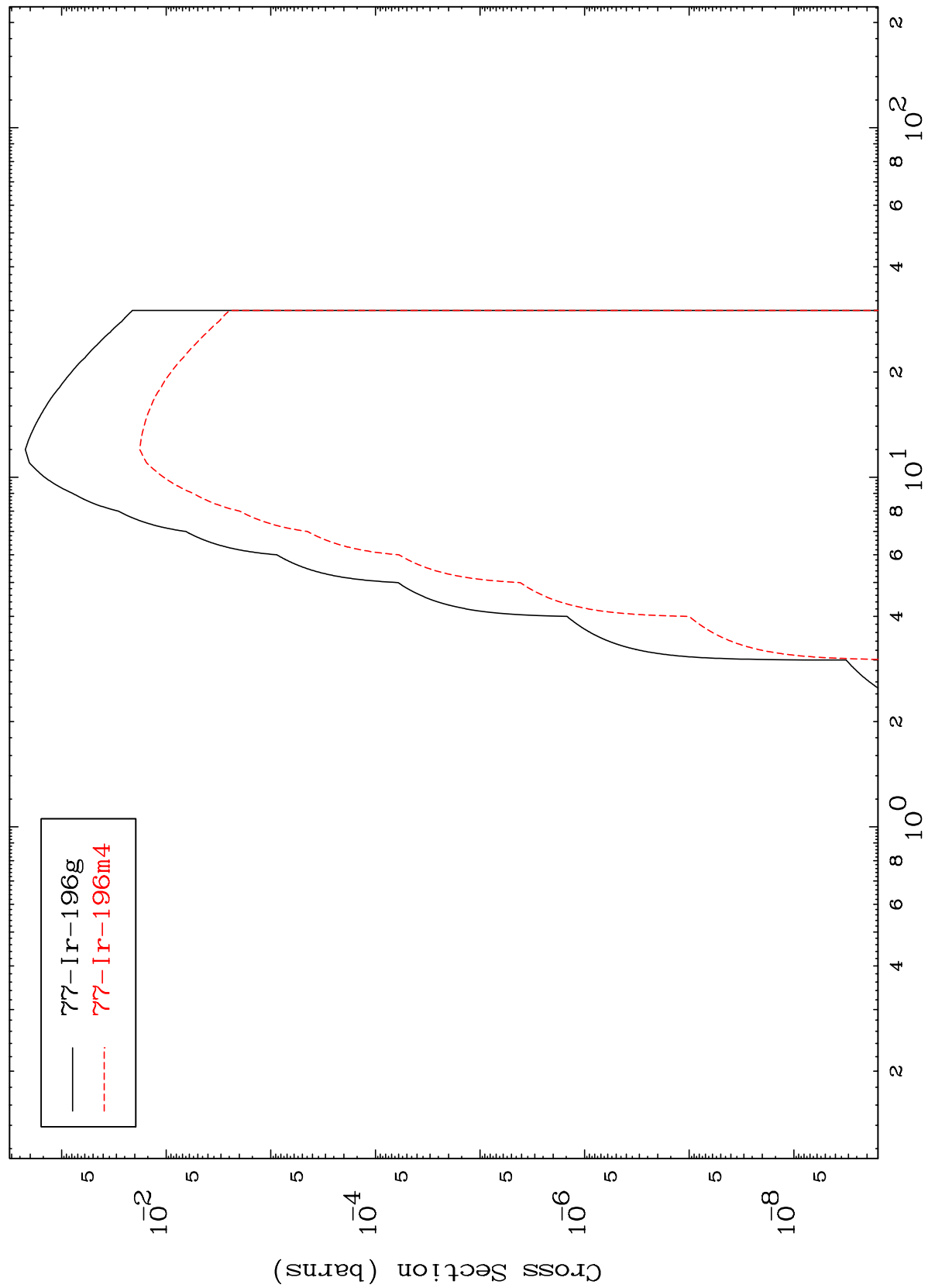
Incident Energy (MeV)

24

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77-Ir-195

(d,p)
Radionuclide Production Cross Section



— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

25

77-Ir-195

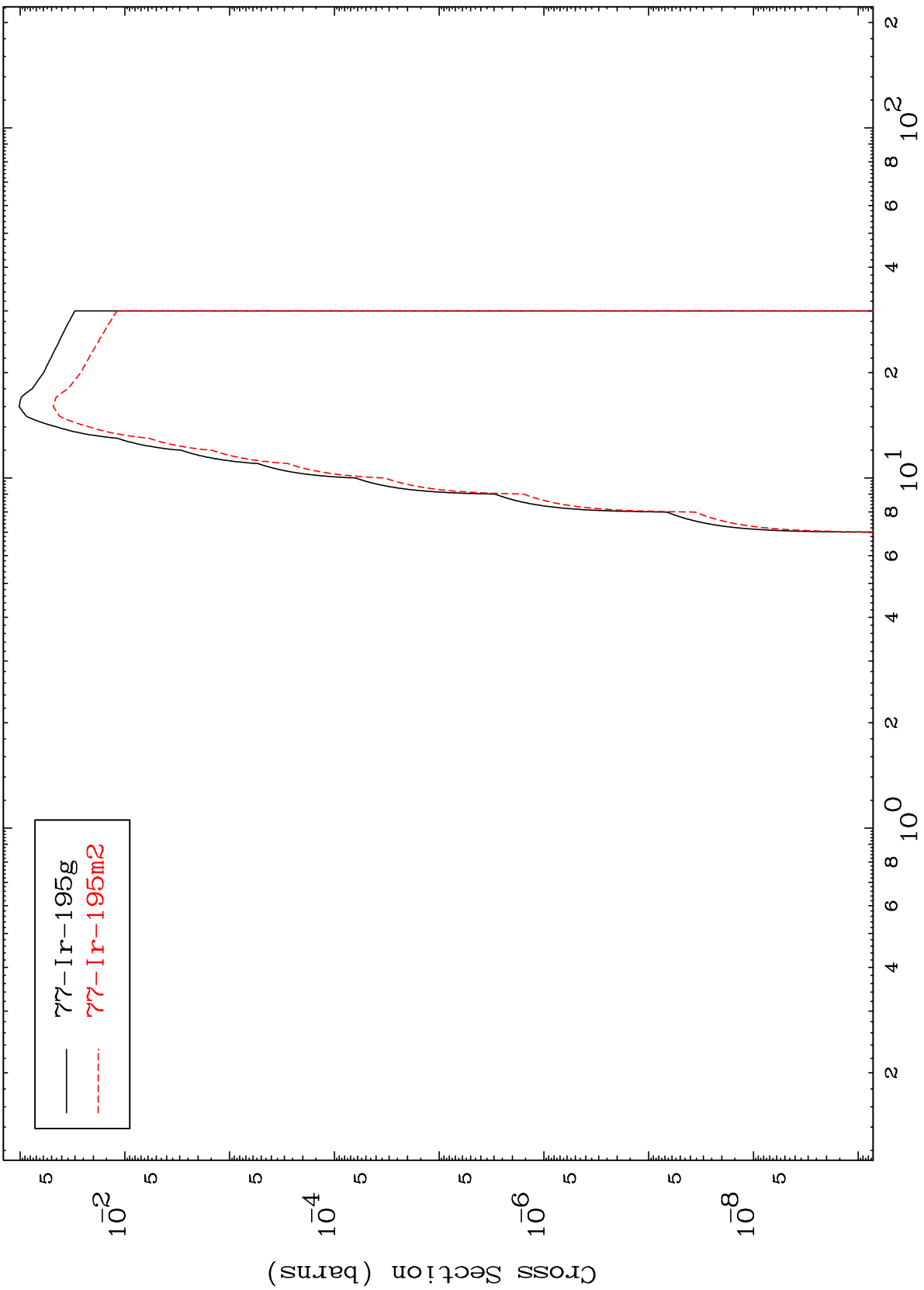
Incident Energy (MeV)

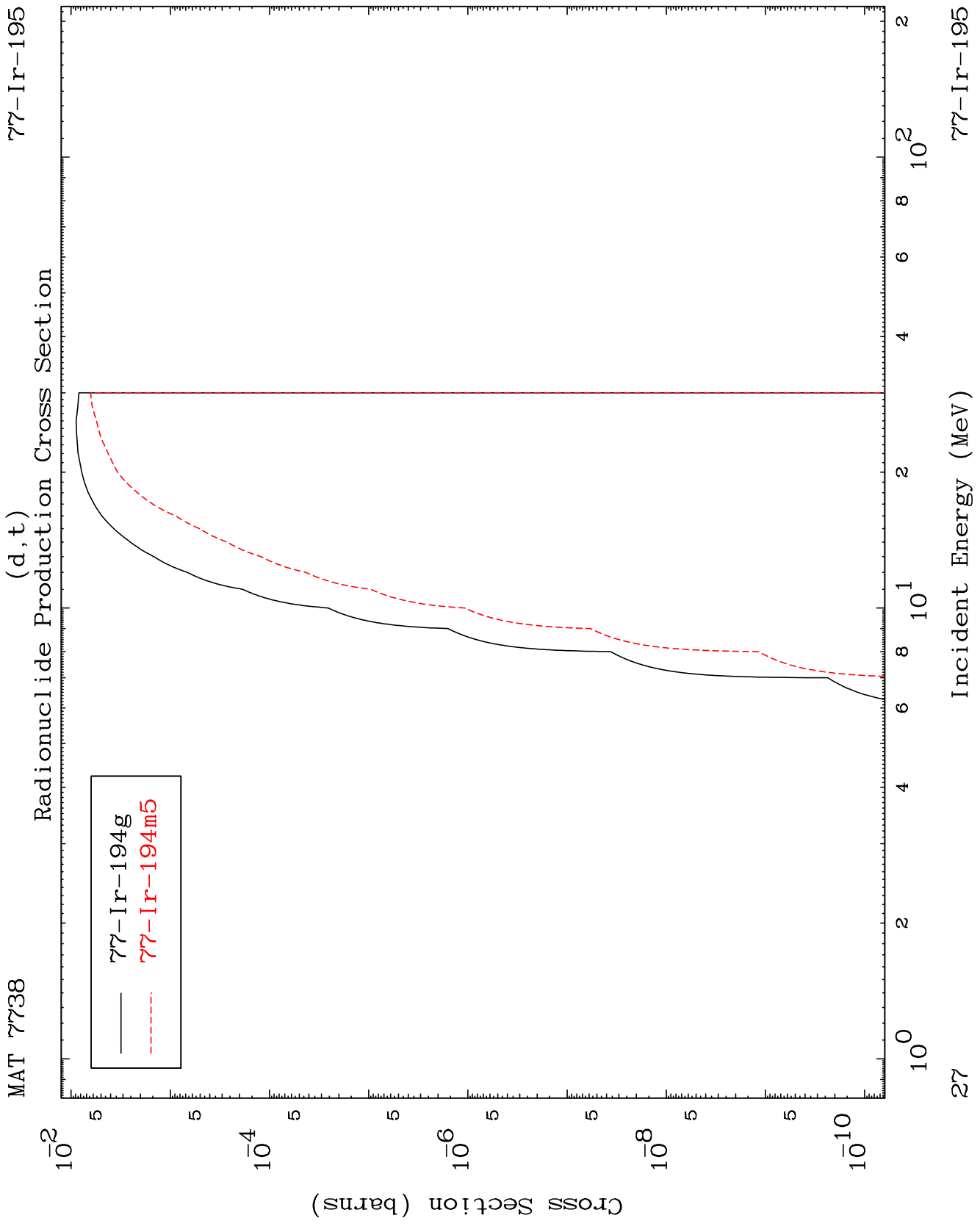
MAT 7738

(d,d)

⁷⁷Ir-195

Radionuclide Production Cross Section





MAT 7738

(d,p) α

⁷⁷Ir-195

Radionuclide Production Cross Section

