

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

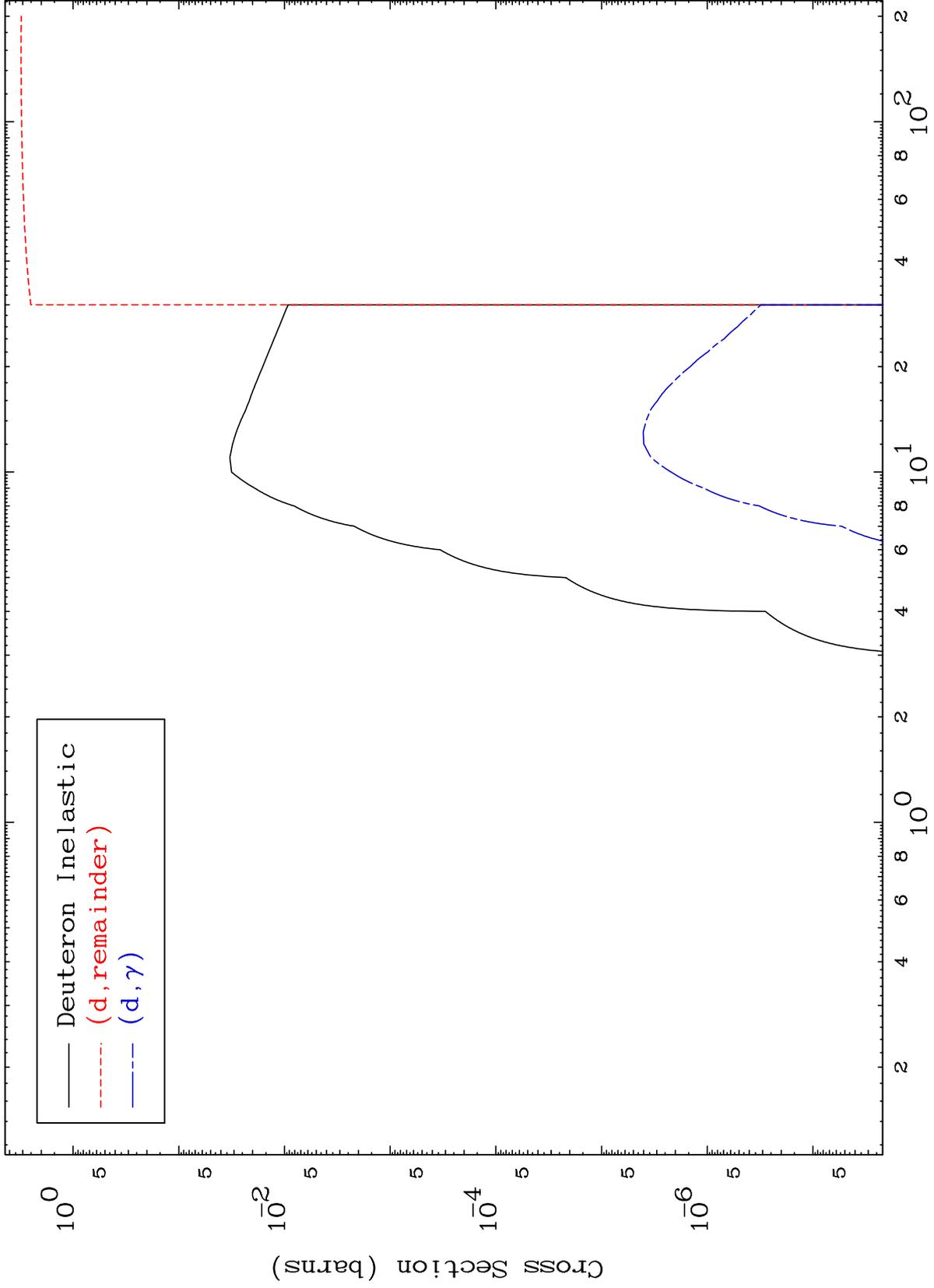
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Livermore, CA 94550
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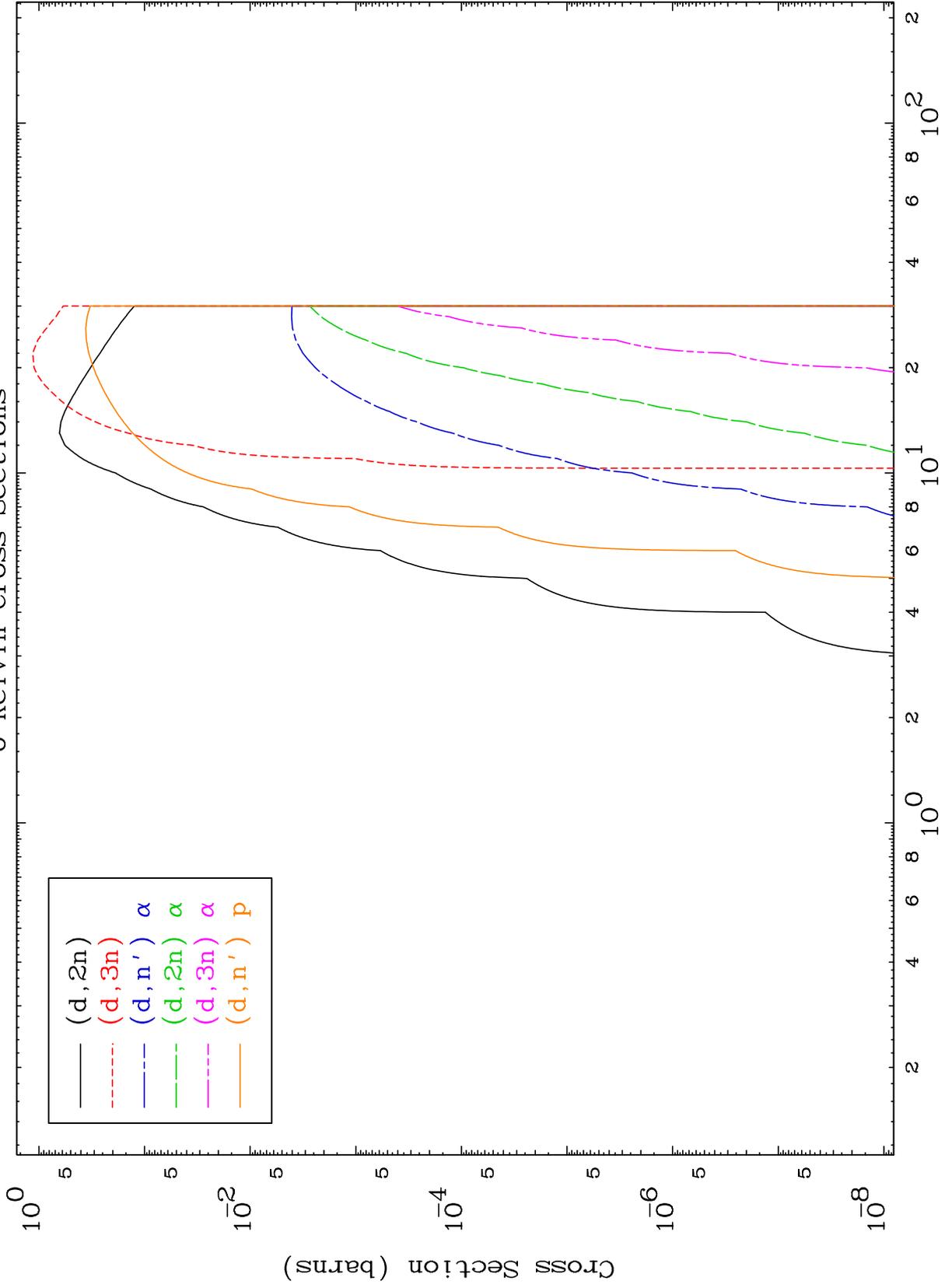
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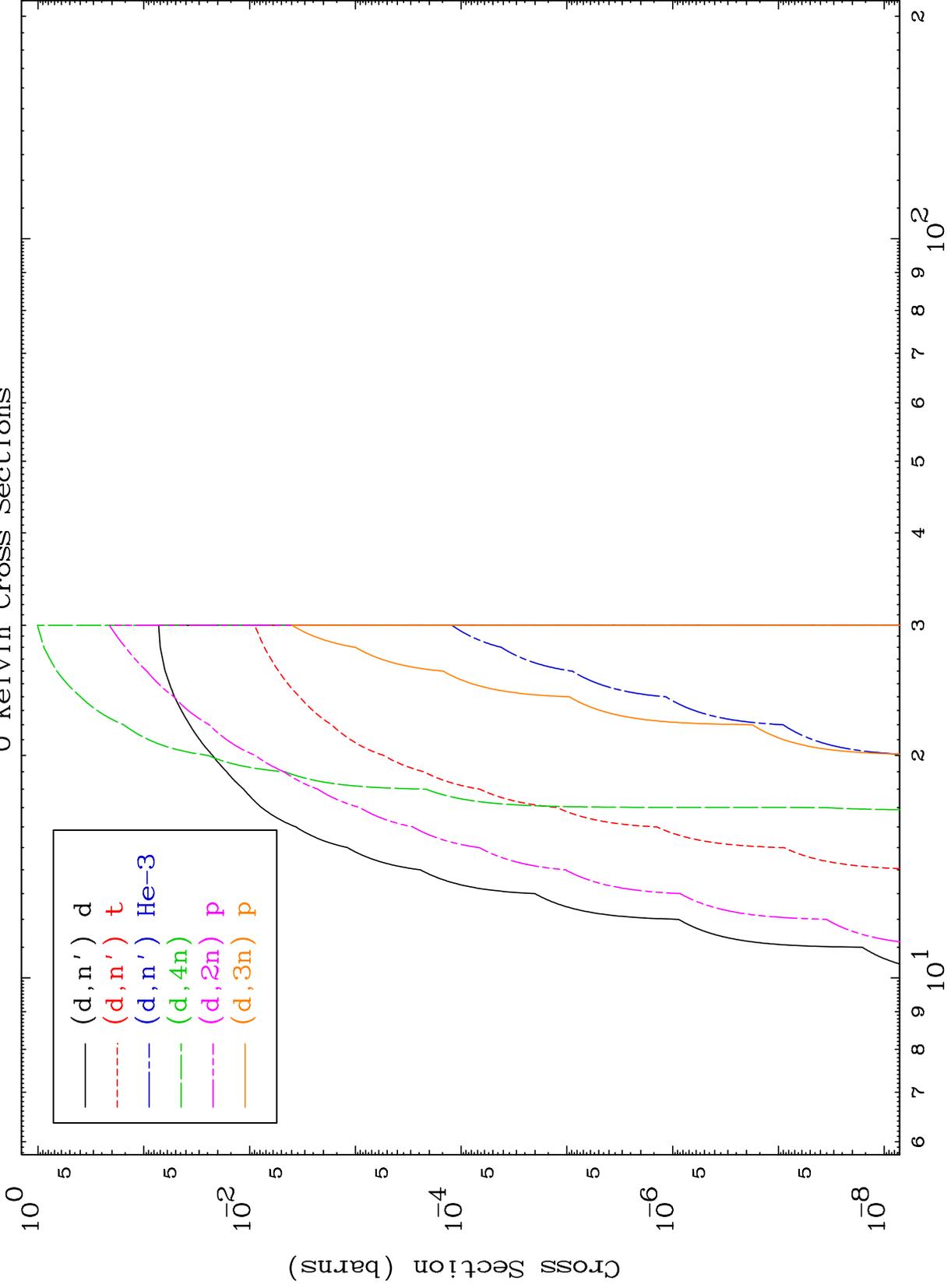
E.Mail: redcullen1@comcast.net

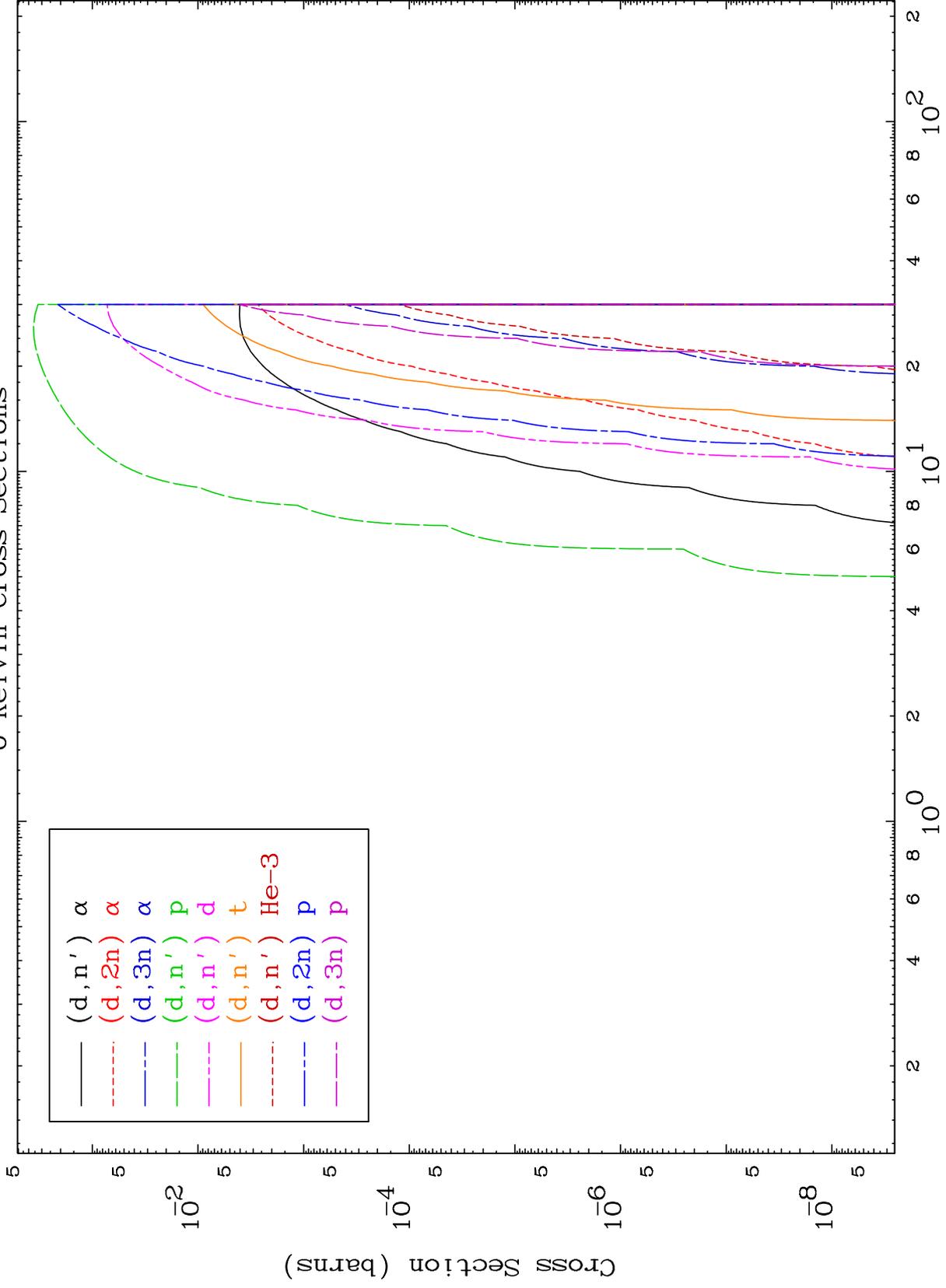
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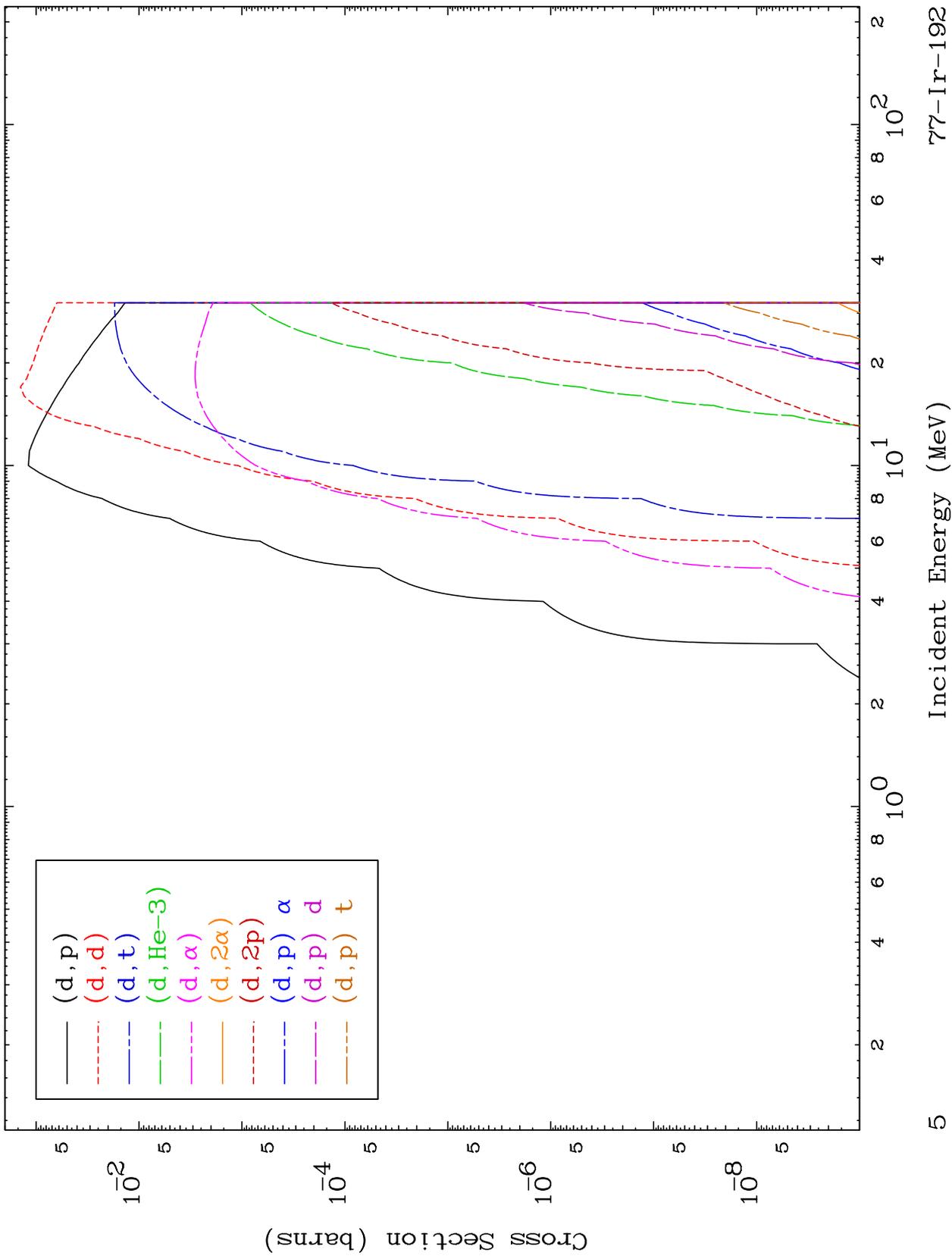
Press Mouse Button to Start



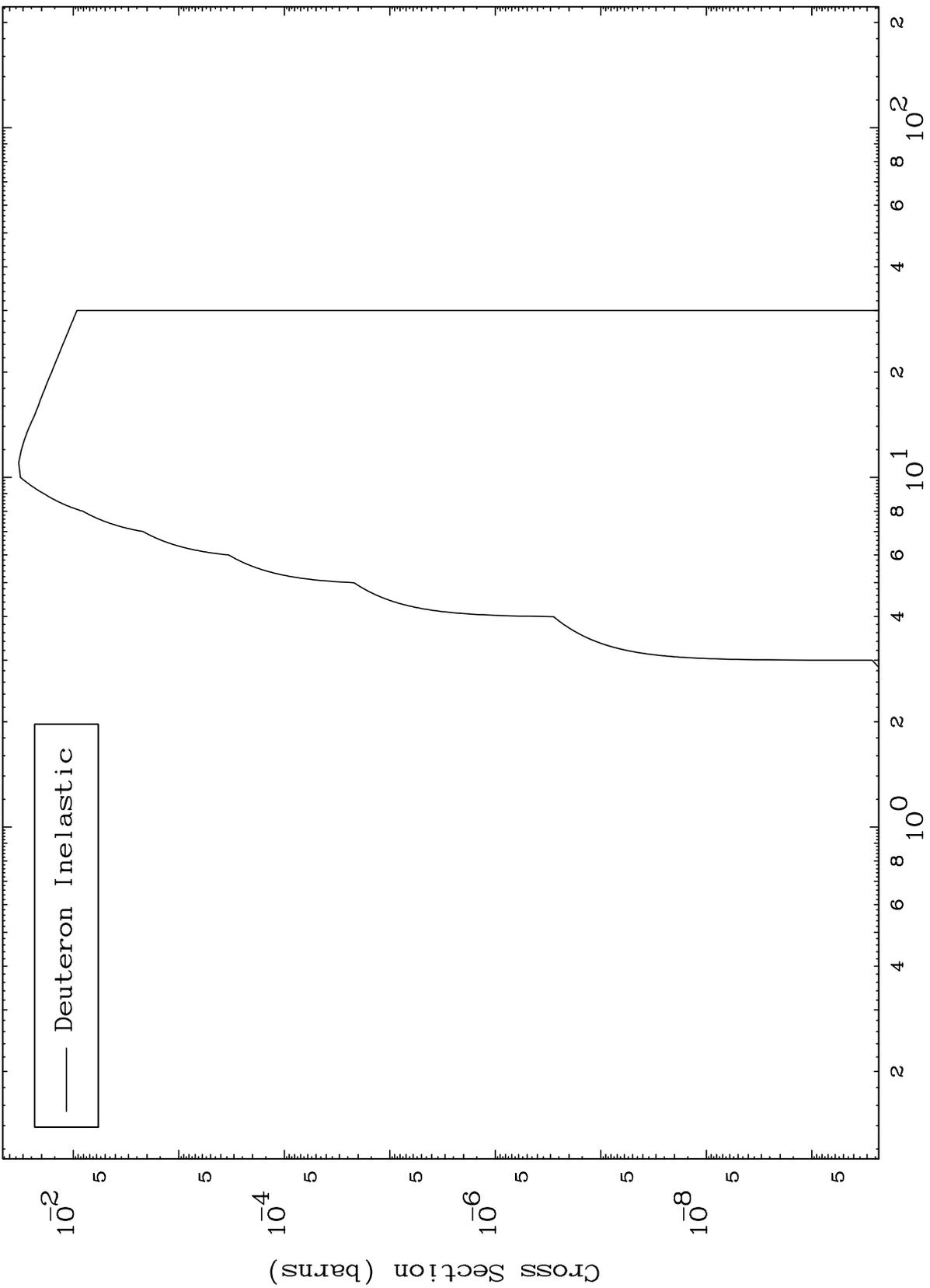








0 Kelvin Cross Sections

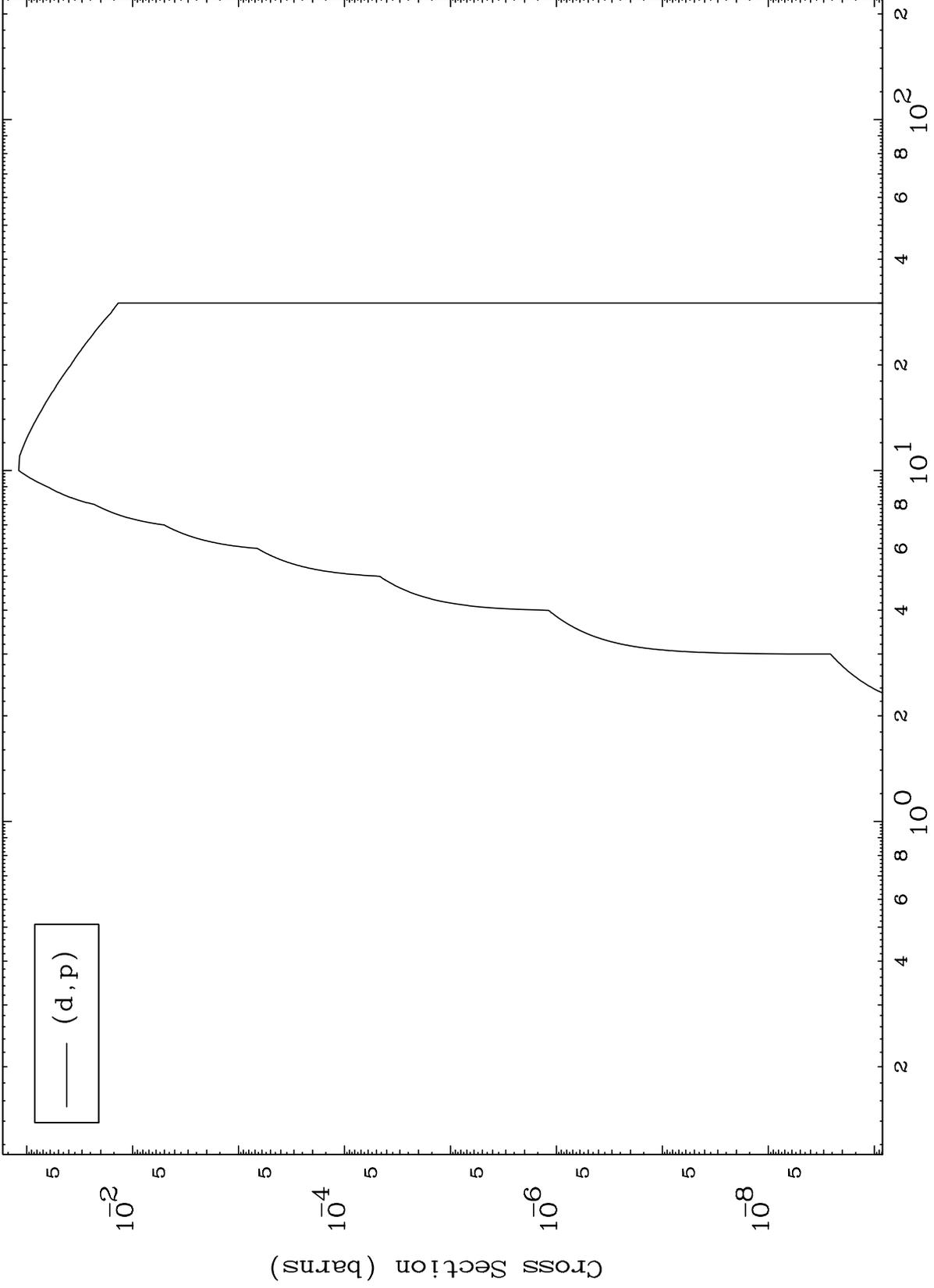


MAT 7728

(d,p) Levels

77-Ir-192

0 Kelvin Cross Sections

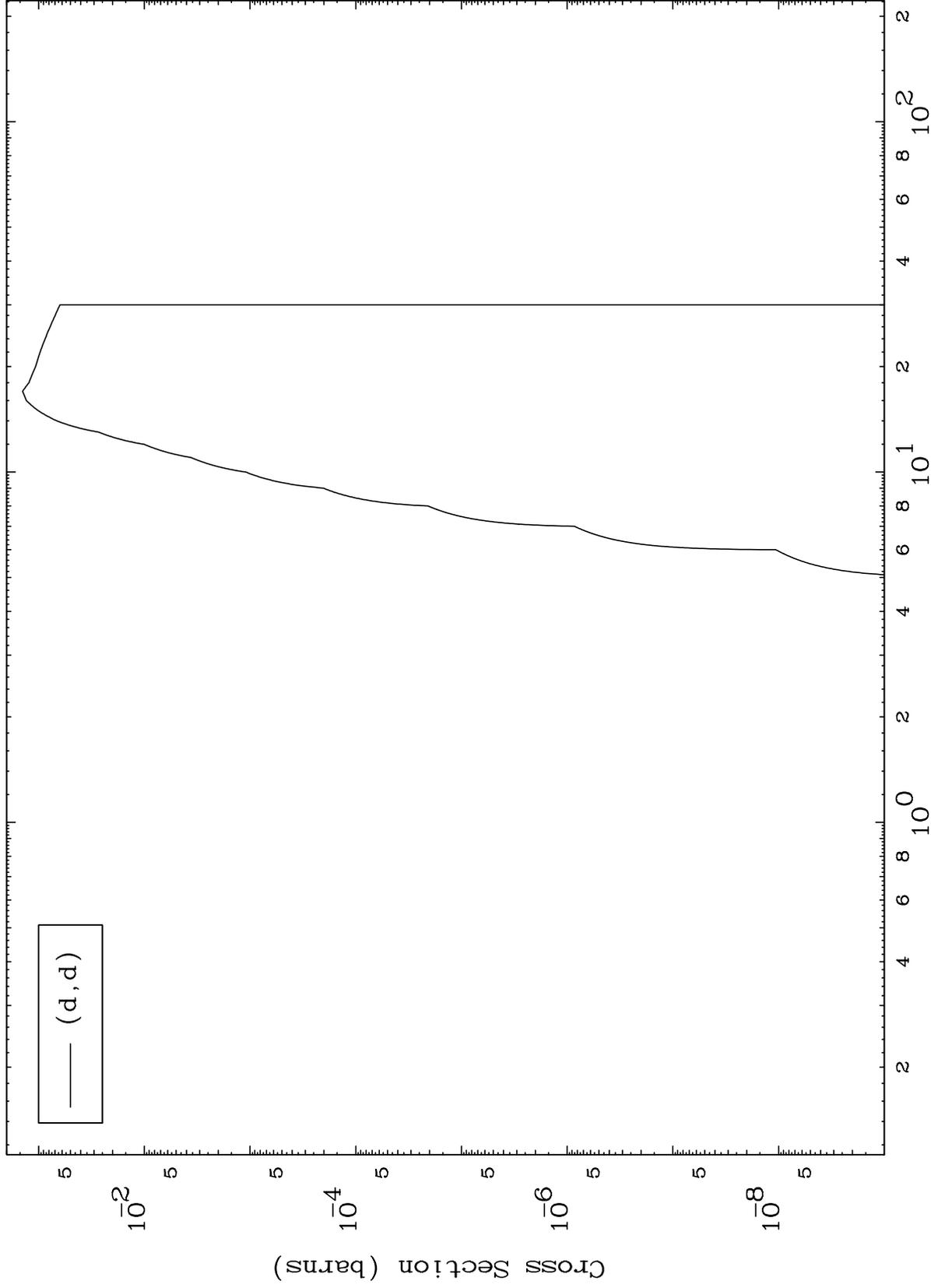


MAT 7728

(d,d) Levels

77-Ir-192

0 Kelvin Cross Sections

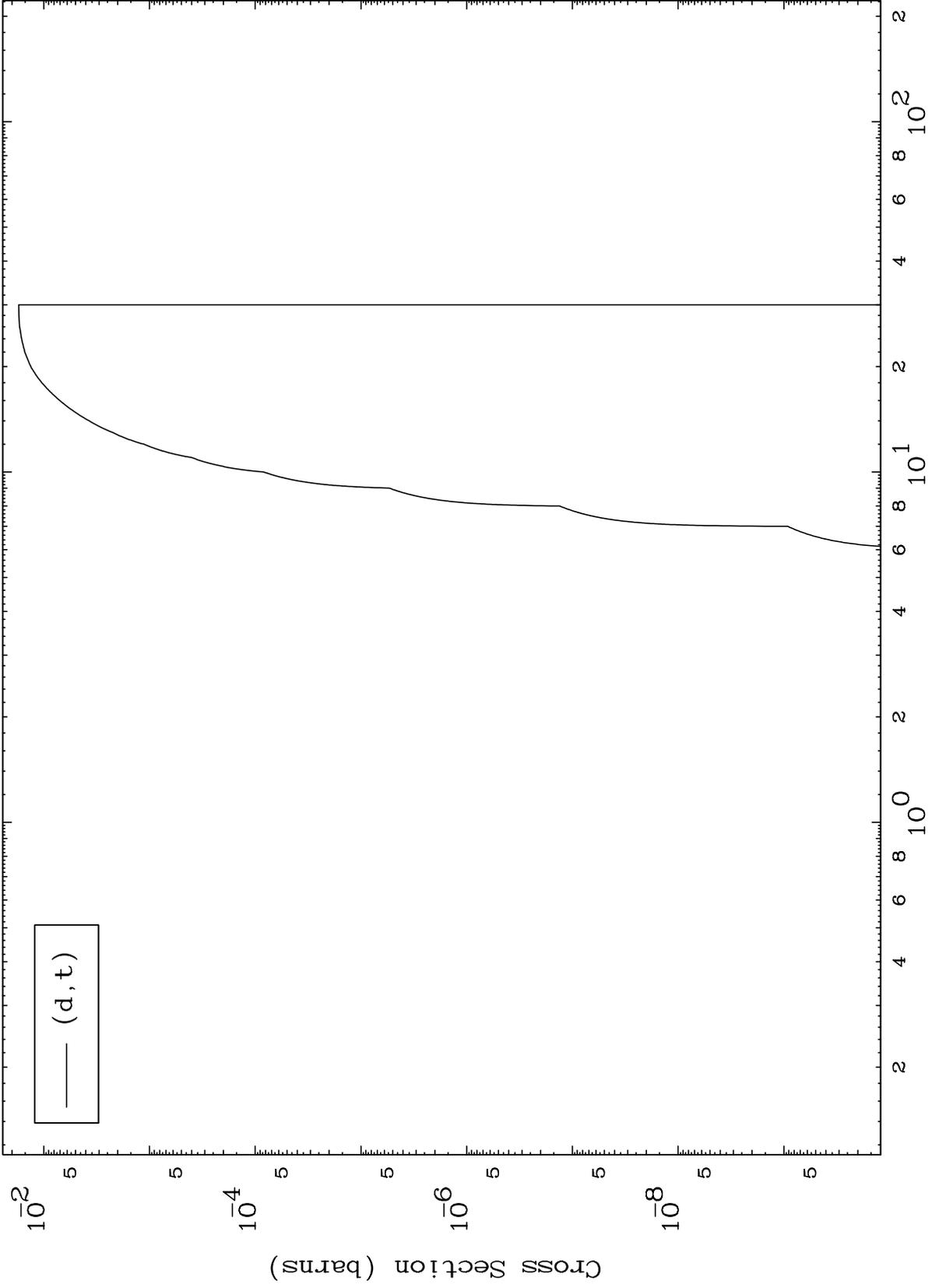


MAT 7728

(d,t) Levels

77-Ir-192

0 Kelvin Cross Sections

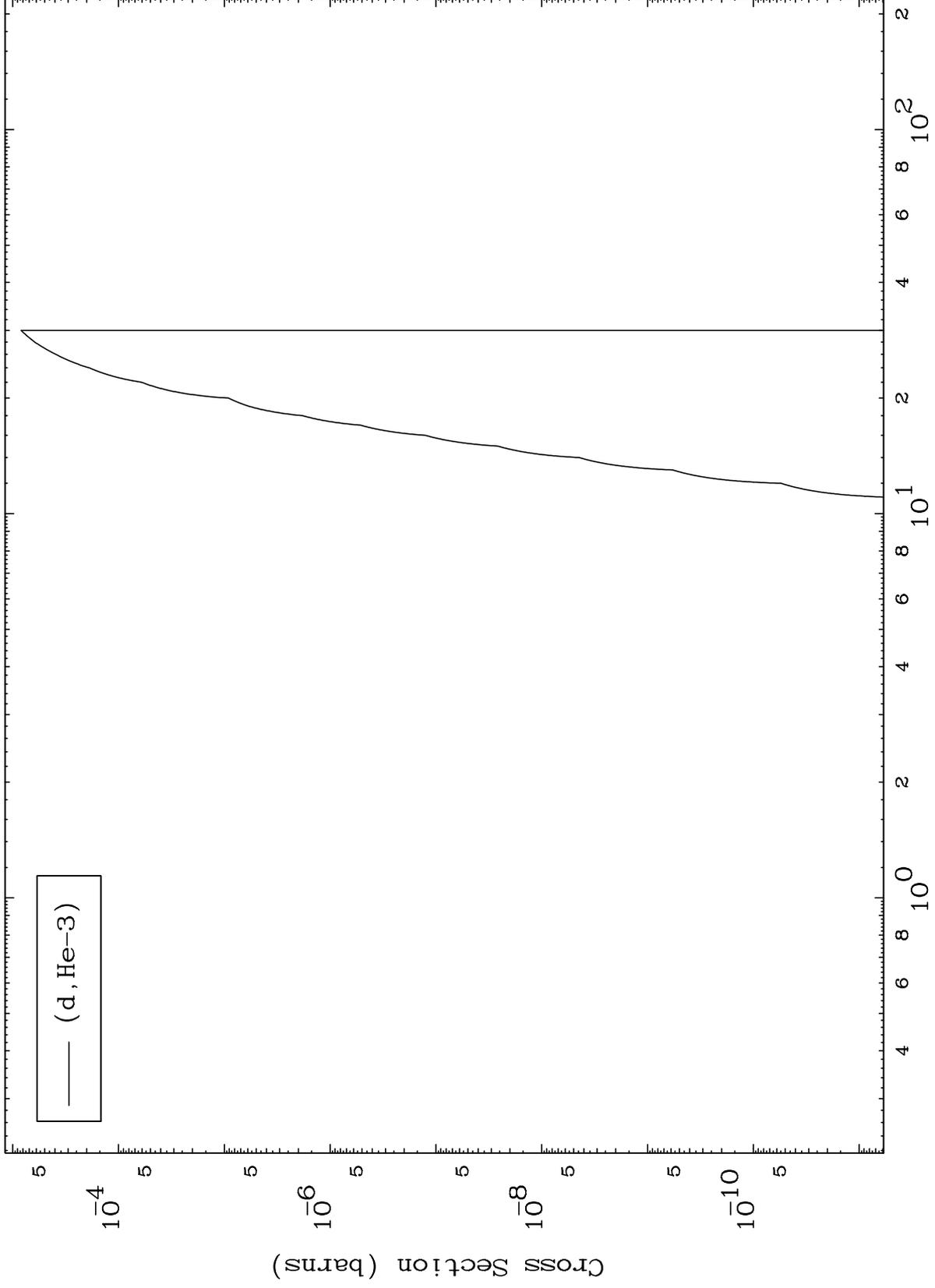


MAT 7728

(d,He3) Levels

77-Ir-192

0 Kelvin Cross Sections



10

Incident Energy (MeV)

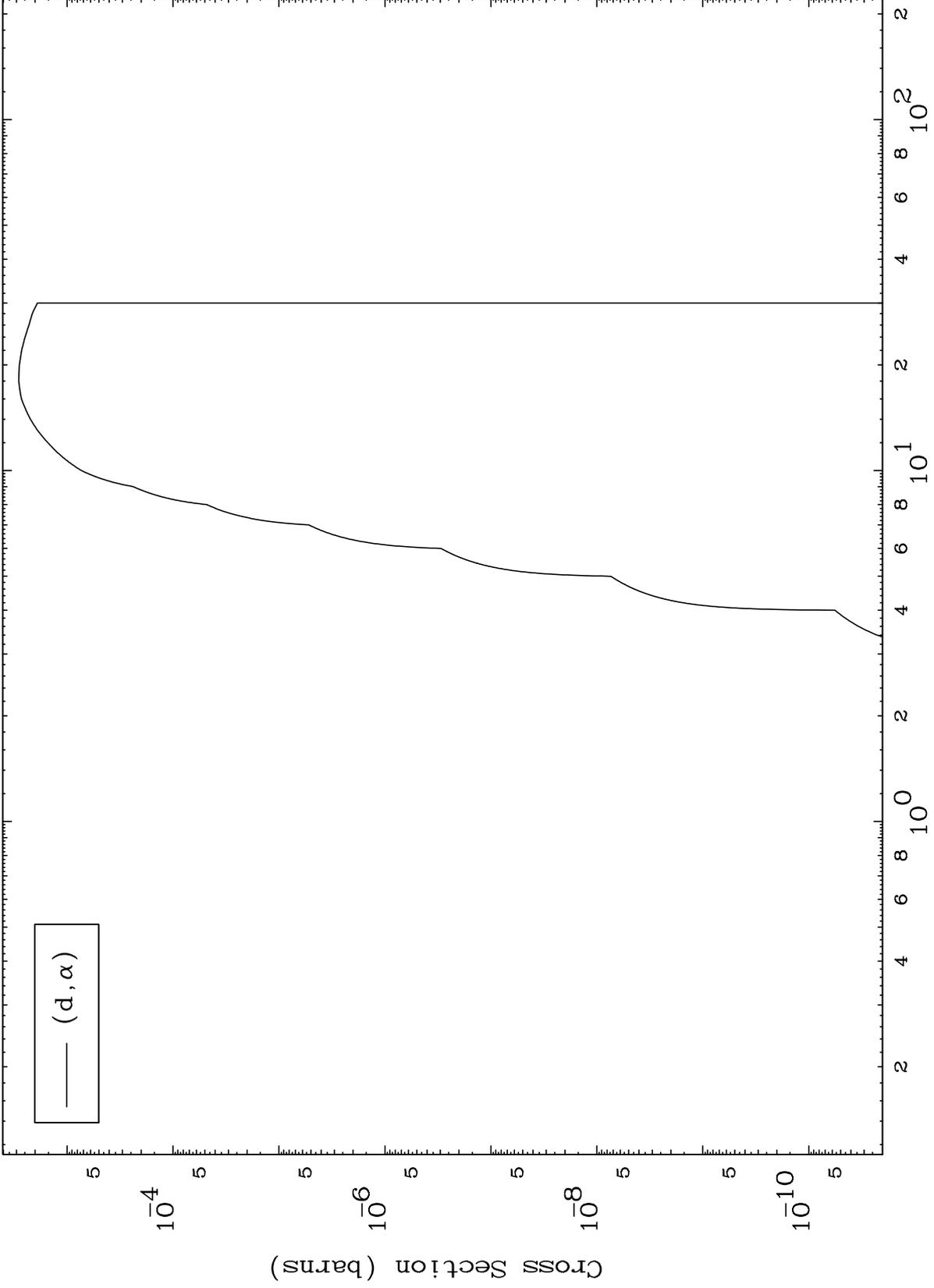
77-Ir-192

MAT 7728

(d, α) Levels

77-Ir-192

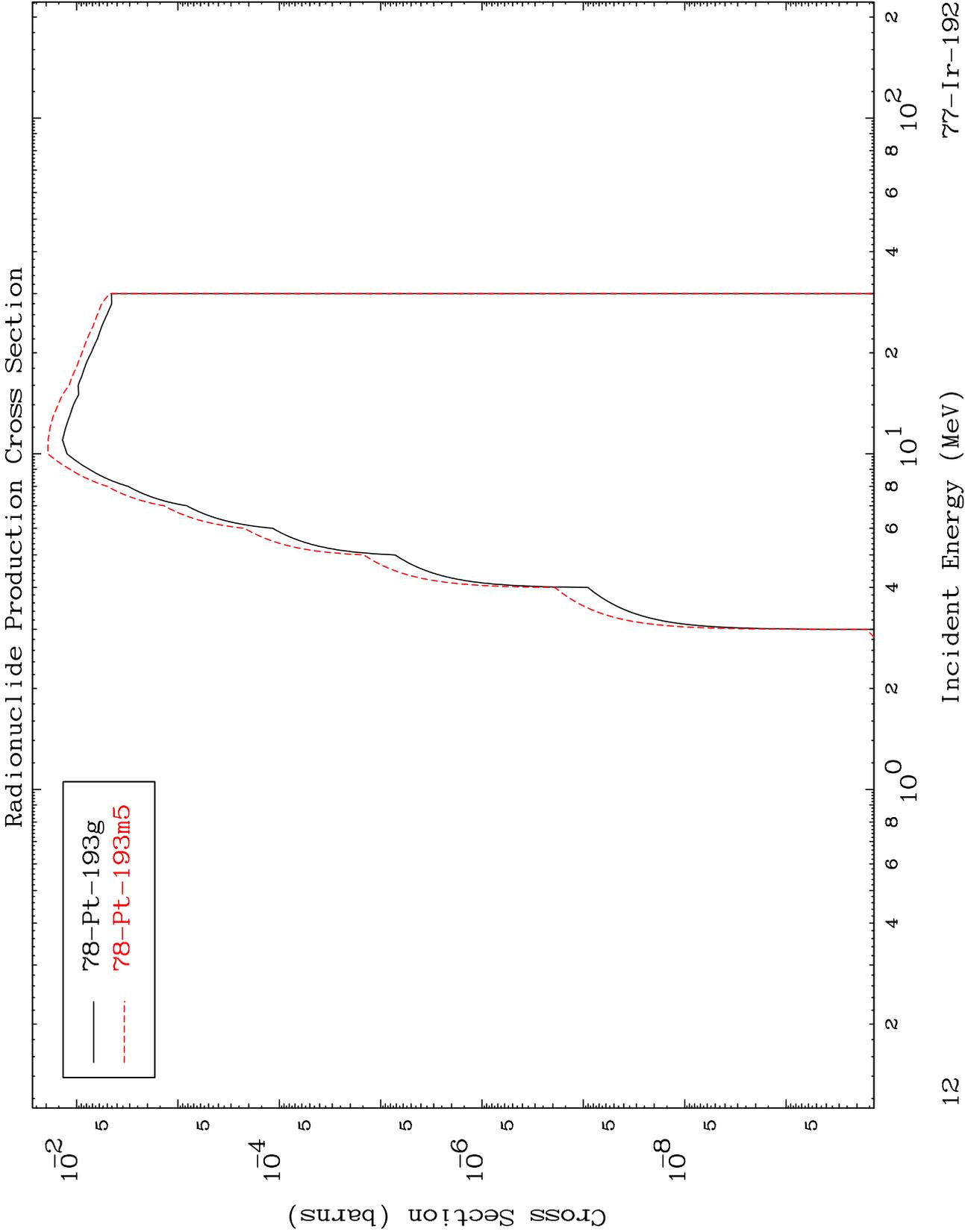
0 Kelvin Cross Sections



MAT 7728

Deuteron Inelastic
Radionuclide Production Cross Section

77-Ir-192



12

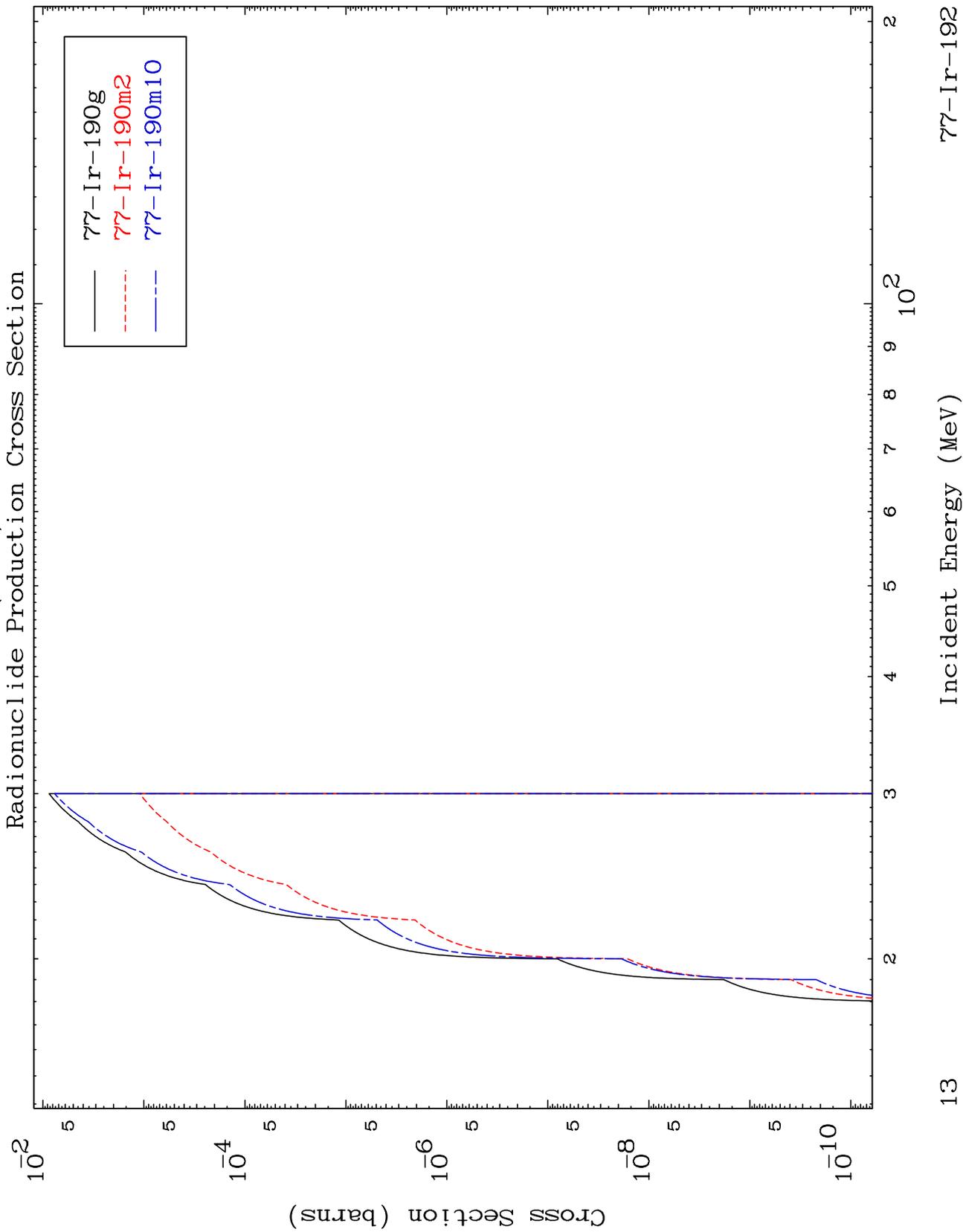
Incident Energy (MeV)

77-Ir-192

MAT 7728

(d,2n) d

77-Ir-192



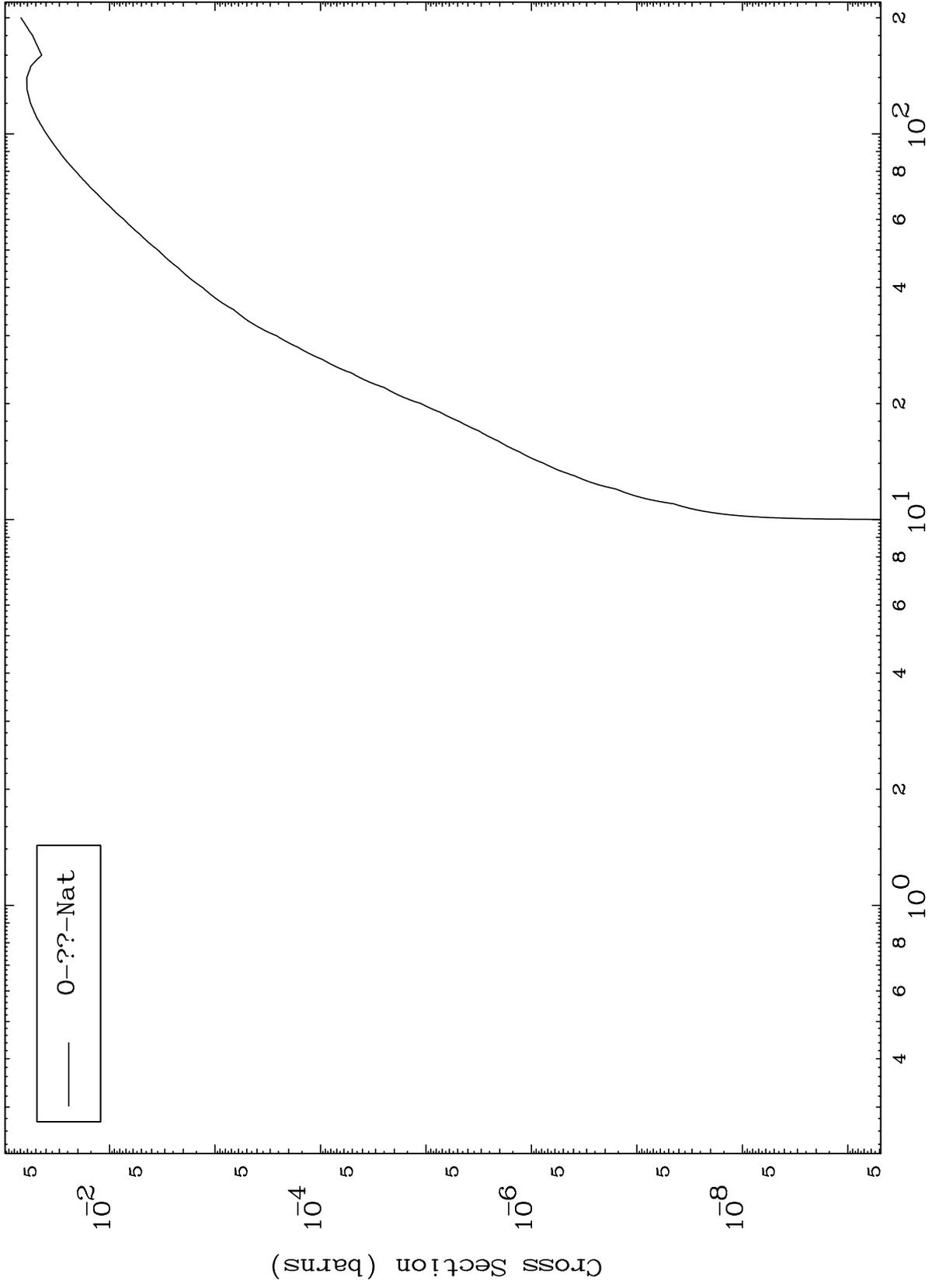
13

77-Ir-192

MAT 7728

Deuteron Fission
Radionuclide Production Cross Section

77-Ir-192



14

Incident Energy (MeV)

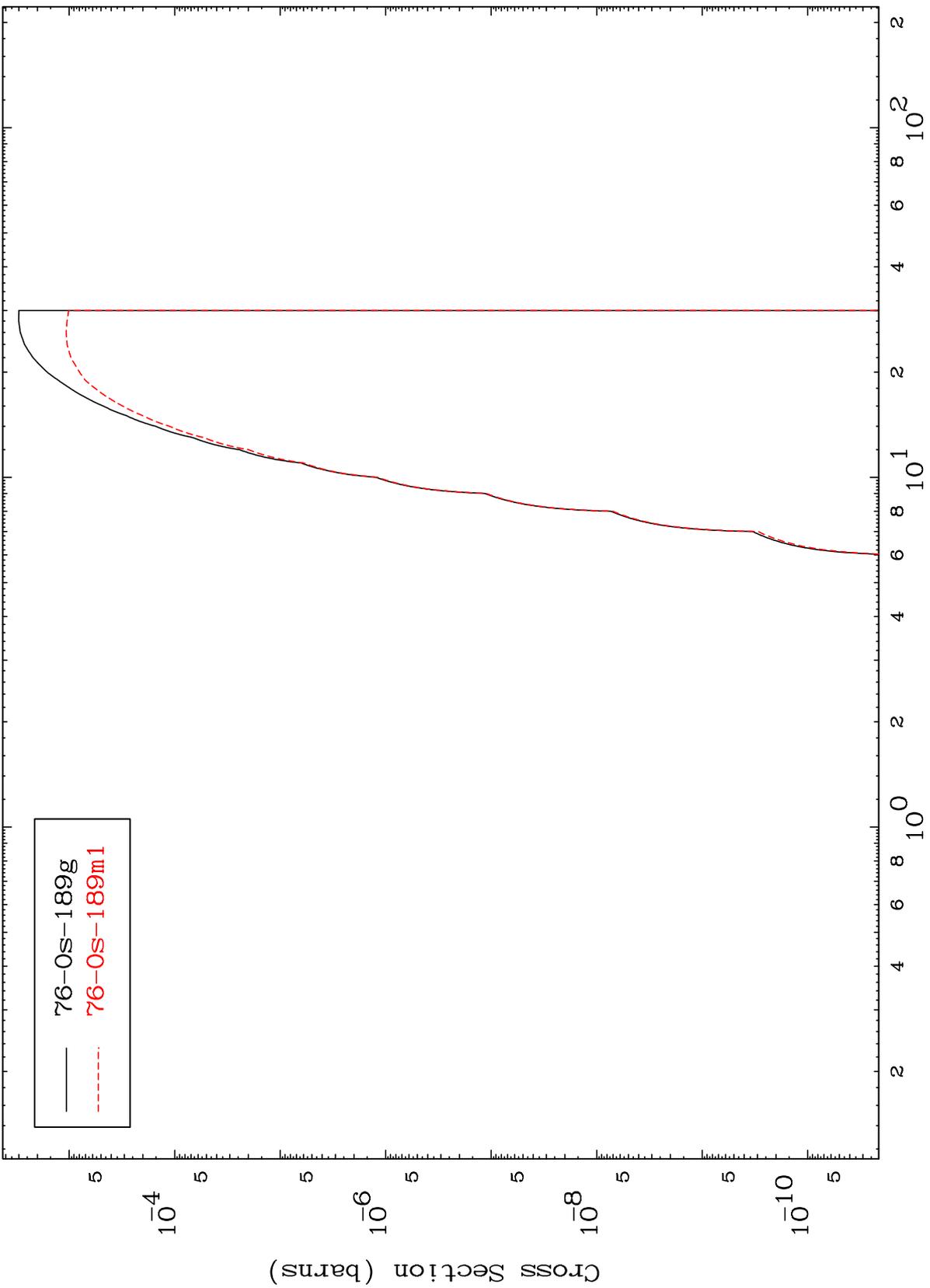
77-Ir-192

MAT 7728

(d,n') α

⁷⁷Ir-192

Radionuclide Production Cross Section

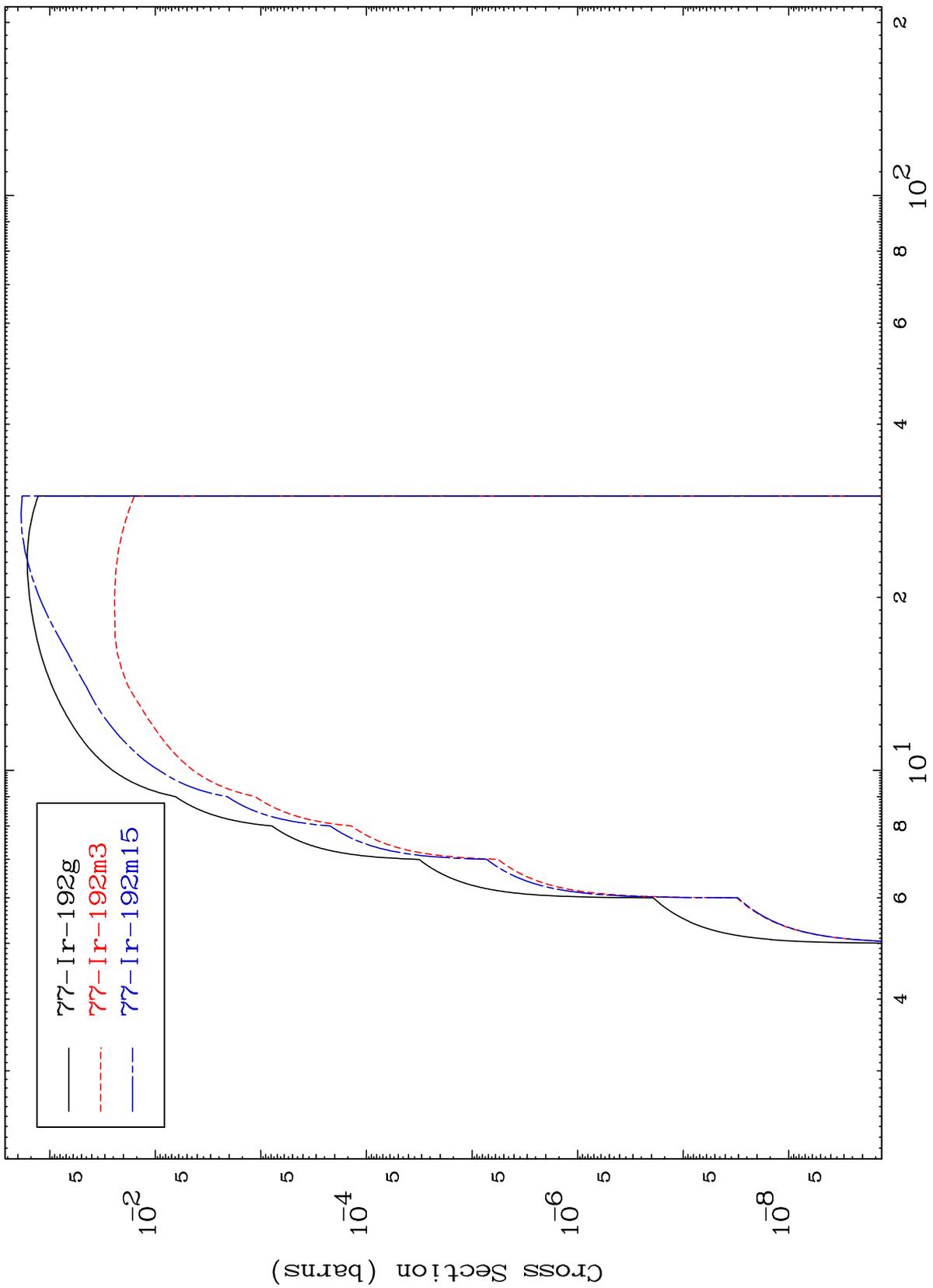


15

Incident Energy (MeV)

⁷⁷Ir-192

(d,n') p
Radionuclide Production Cross Section

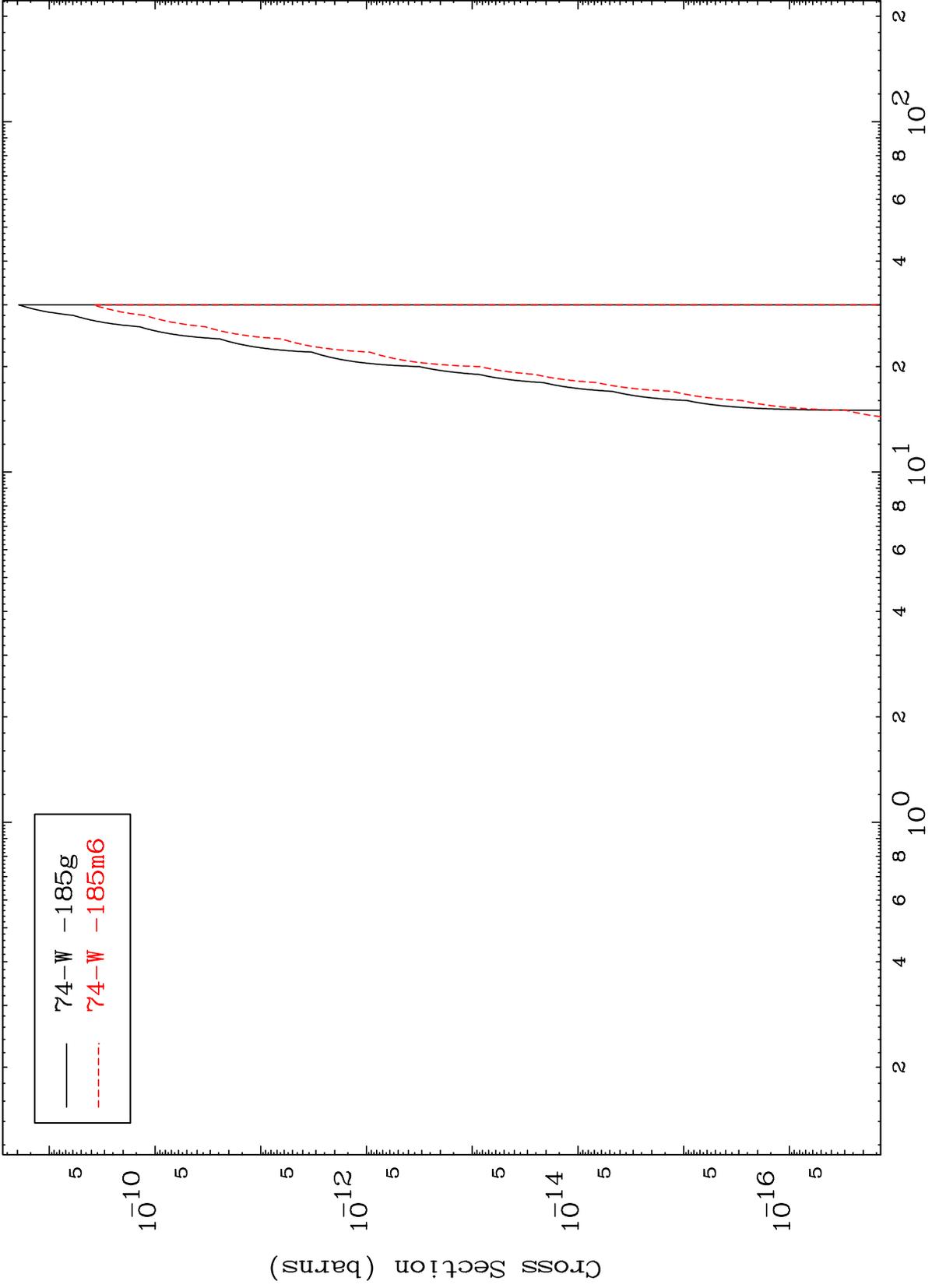


MAT 7728

(d,n') 2 α

77-Ir-192

Radionuclide Production Cross Section



17

Incident Energy (MeV)

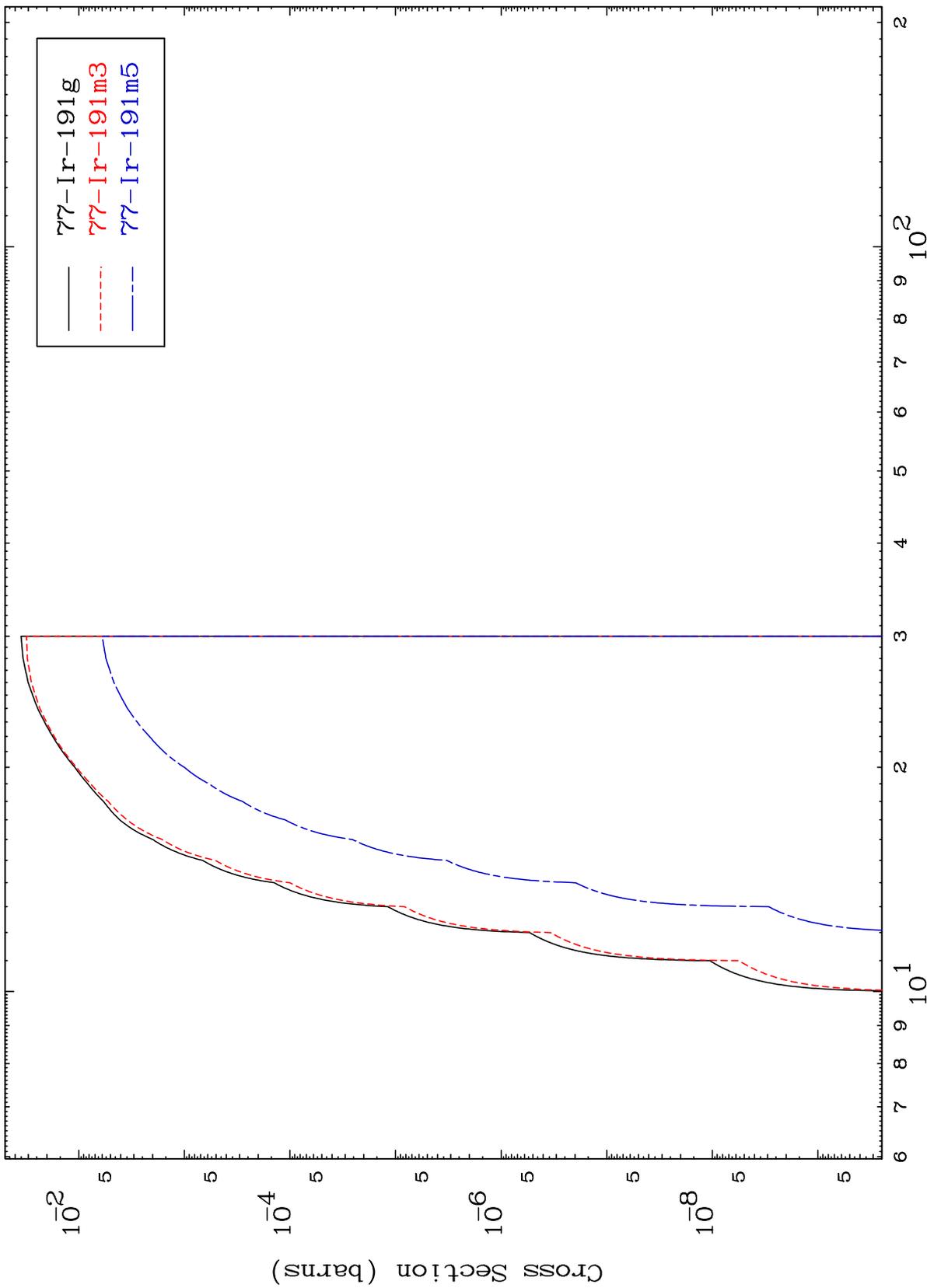
77-Ir-192

MAT 7728

(d,n') d

77-Ir-192

Radionuclide Production Cross Section



18

Incident Energy (MeV)

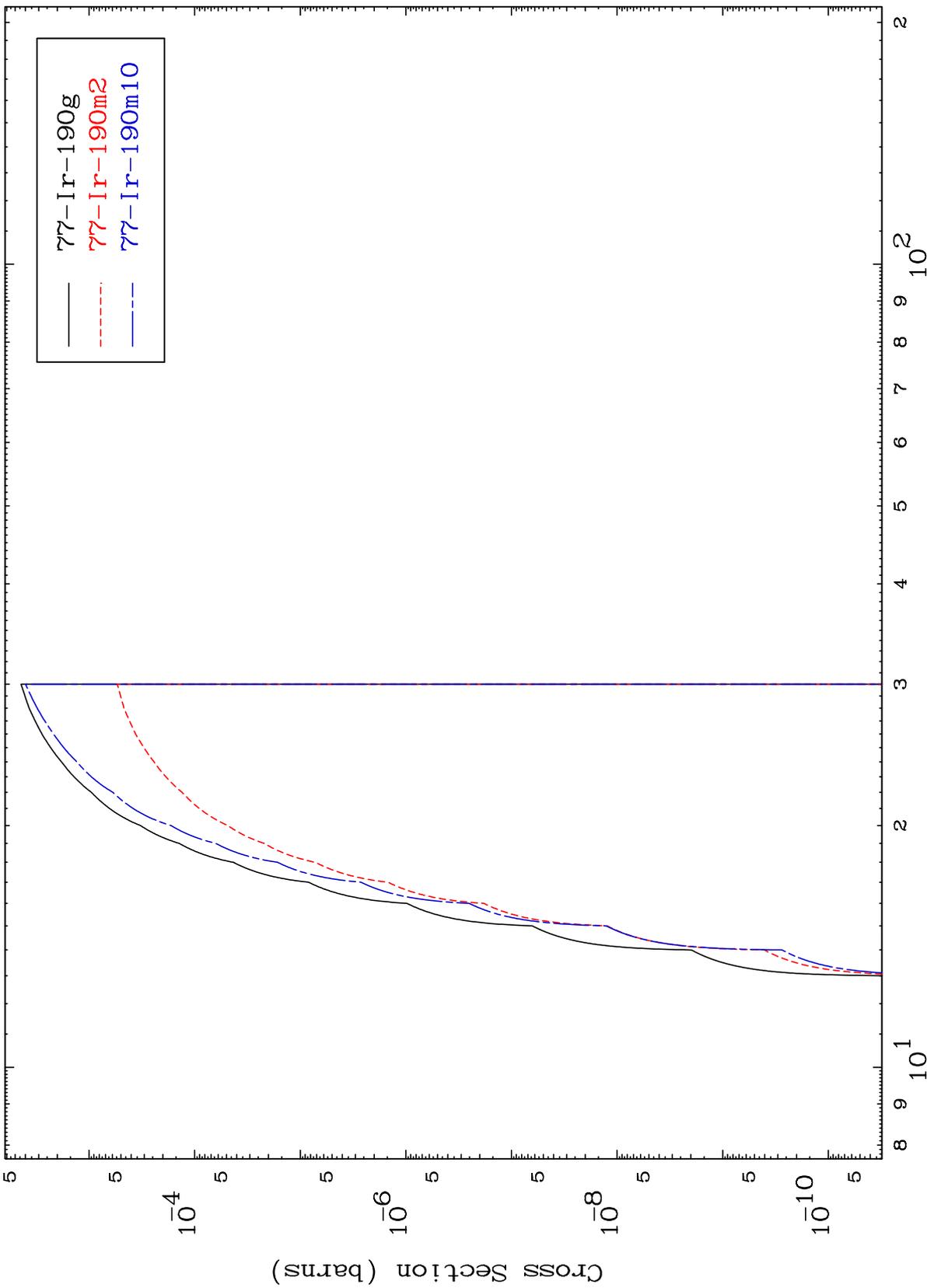
77-Ir-192

MAT 7728

(d,n') t

77-Ir-192

Radionuclide Production Cross Section



19

Incident Energy (MeV)

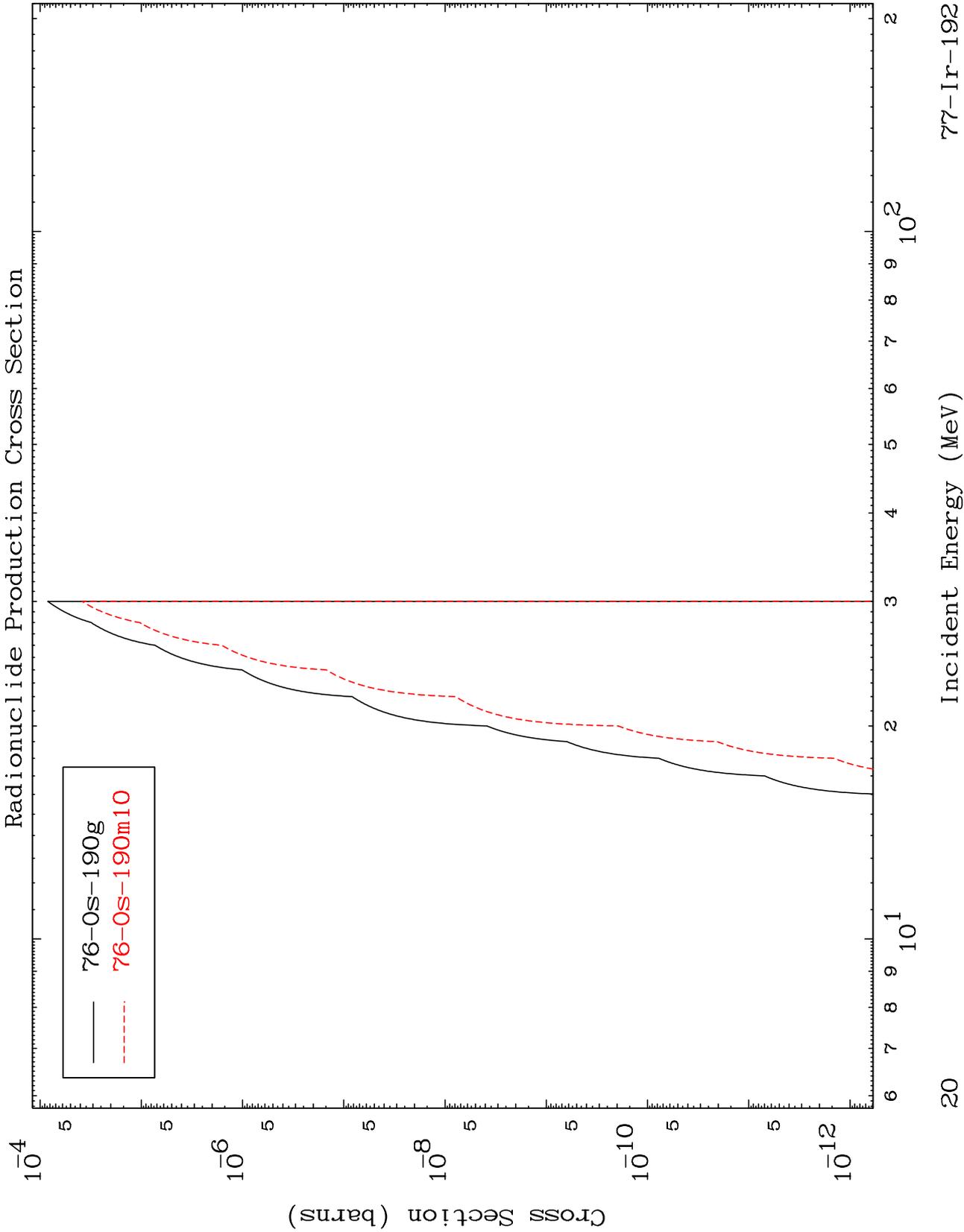
77-Ir-192

MAT 7728

(d,n') He-3

77-Ir-192

Radionuclide Production Cross Section



20

Incident Energy (MeV)

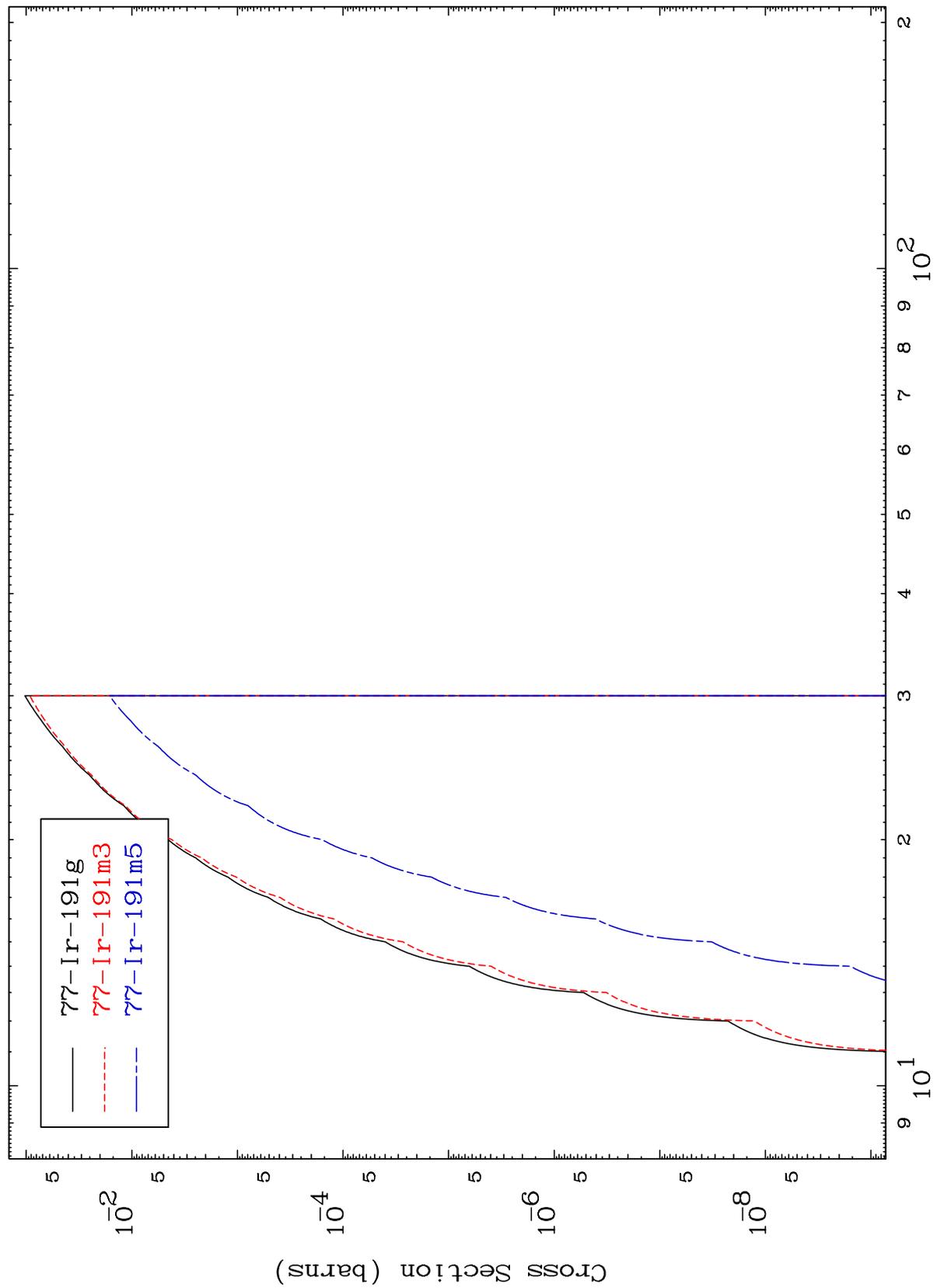
77-Ir-192

MAT 7728

(d,2n) p

⁷⁷Ir-192

Radionuclide Production Cross Section

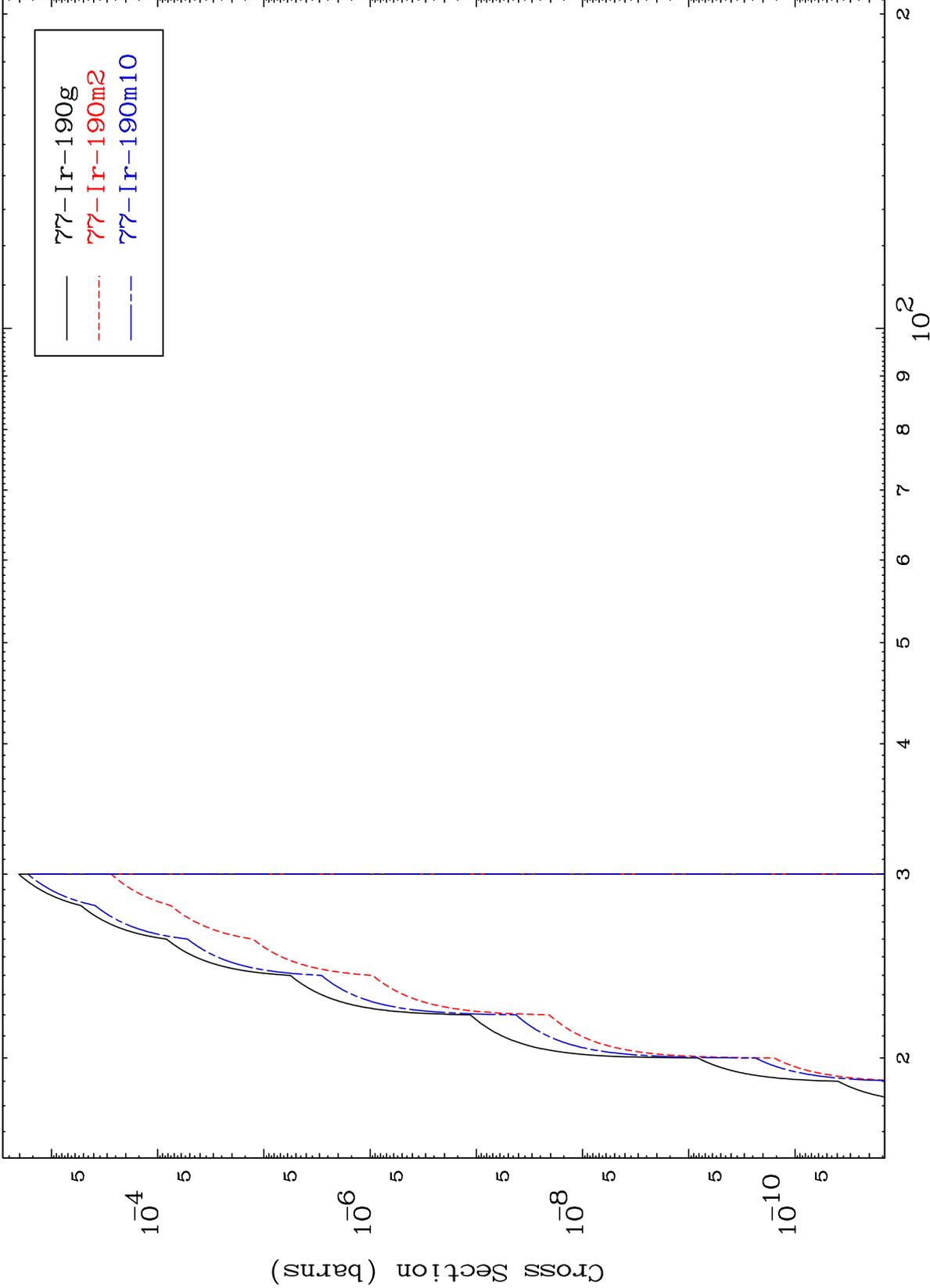


21

Incident Energy (MeV)

⁷⁷Ir-192

Radionuclide Production Cross Section



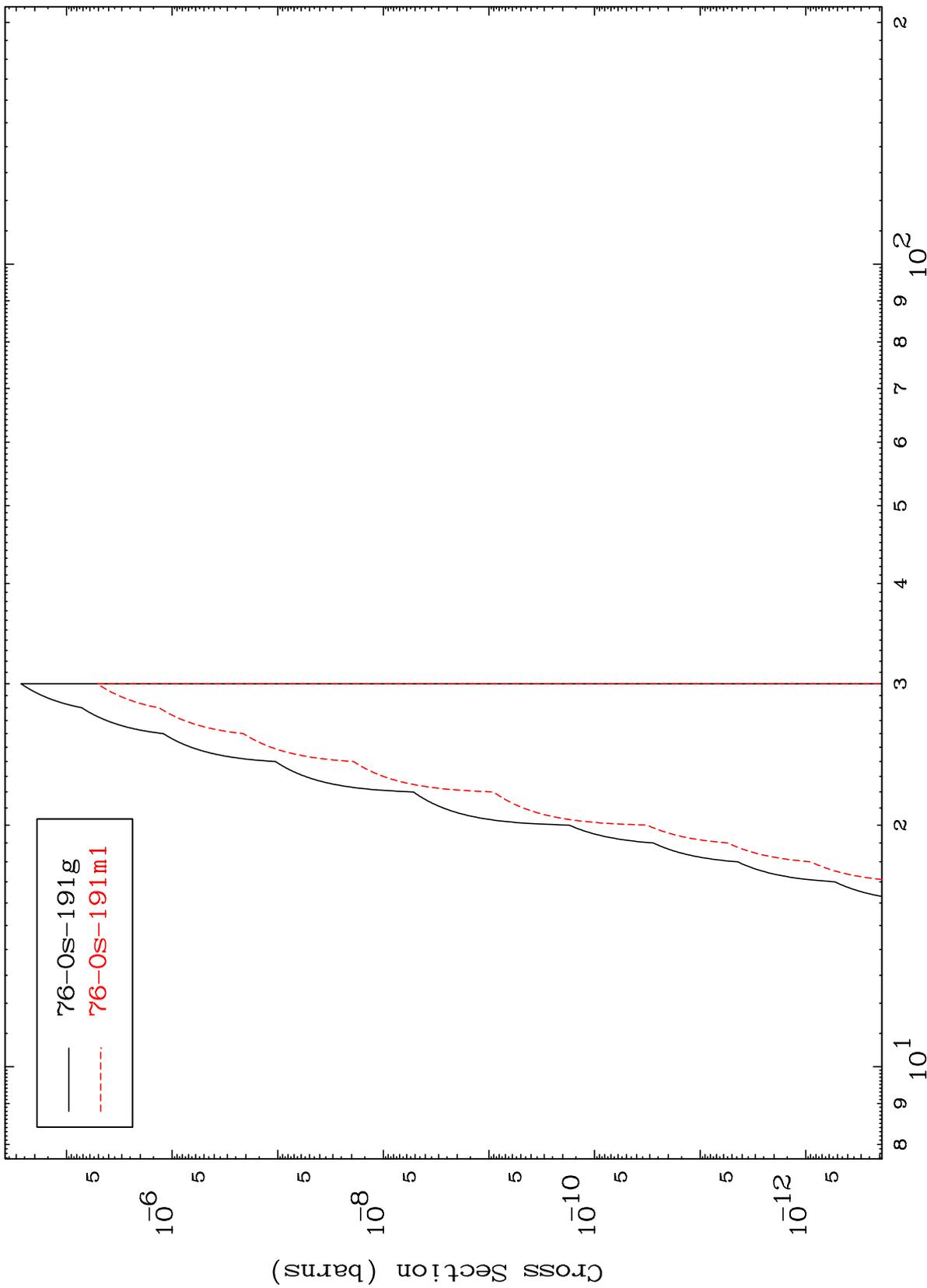
77-Ir-190g
77-Ir-190m2
77-Ir-190m10

MAT 7728

(d,2n) p

⁷⁷Ir-192

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-192

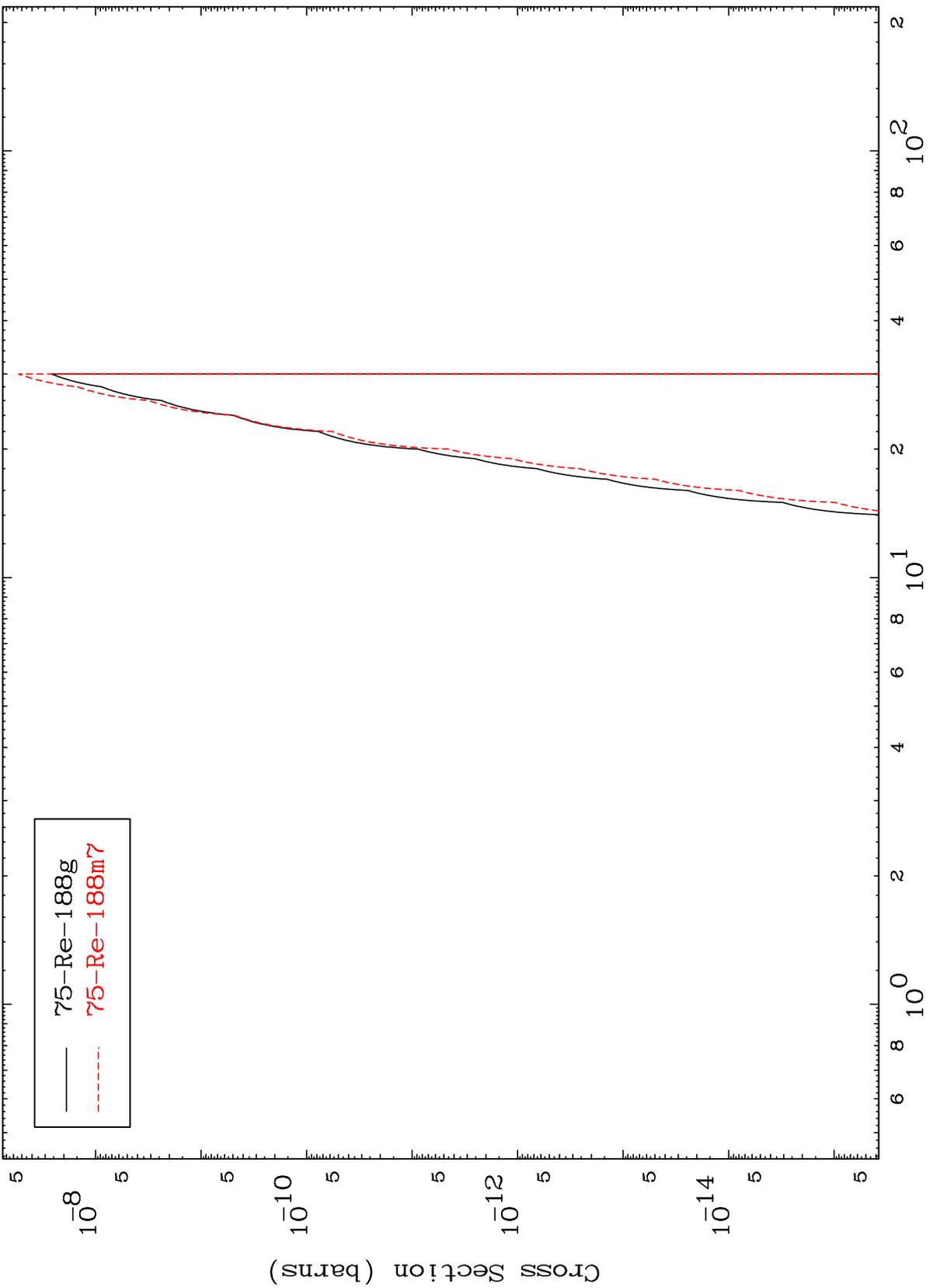
23

MAT 7728

(d,n') p α

77-Ir-192

Radionuclide Production Cross Section

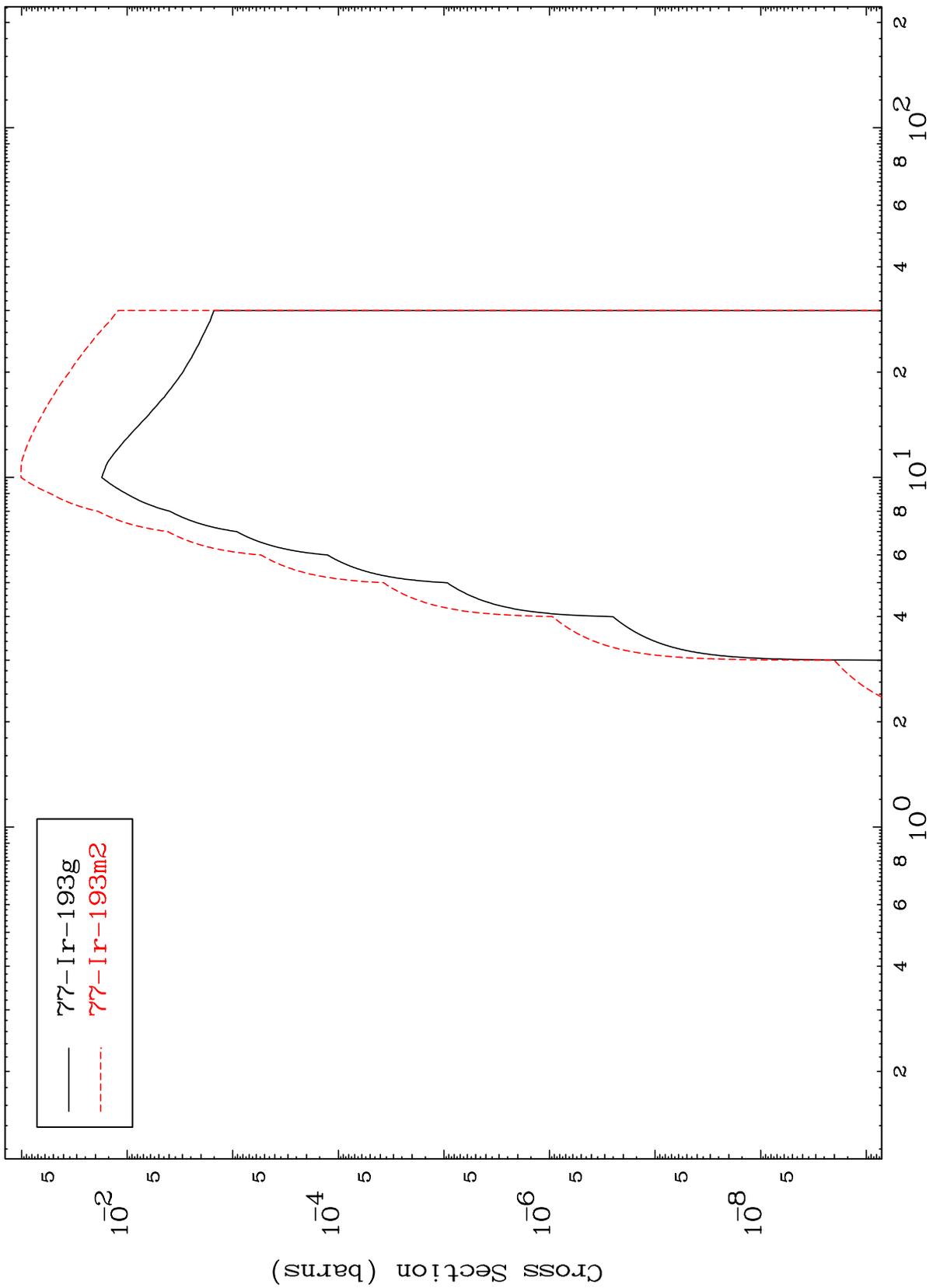


75-Re-188g
75-Re-188m7

MAT 7728

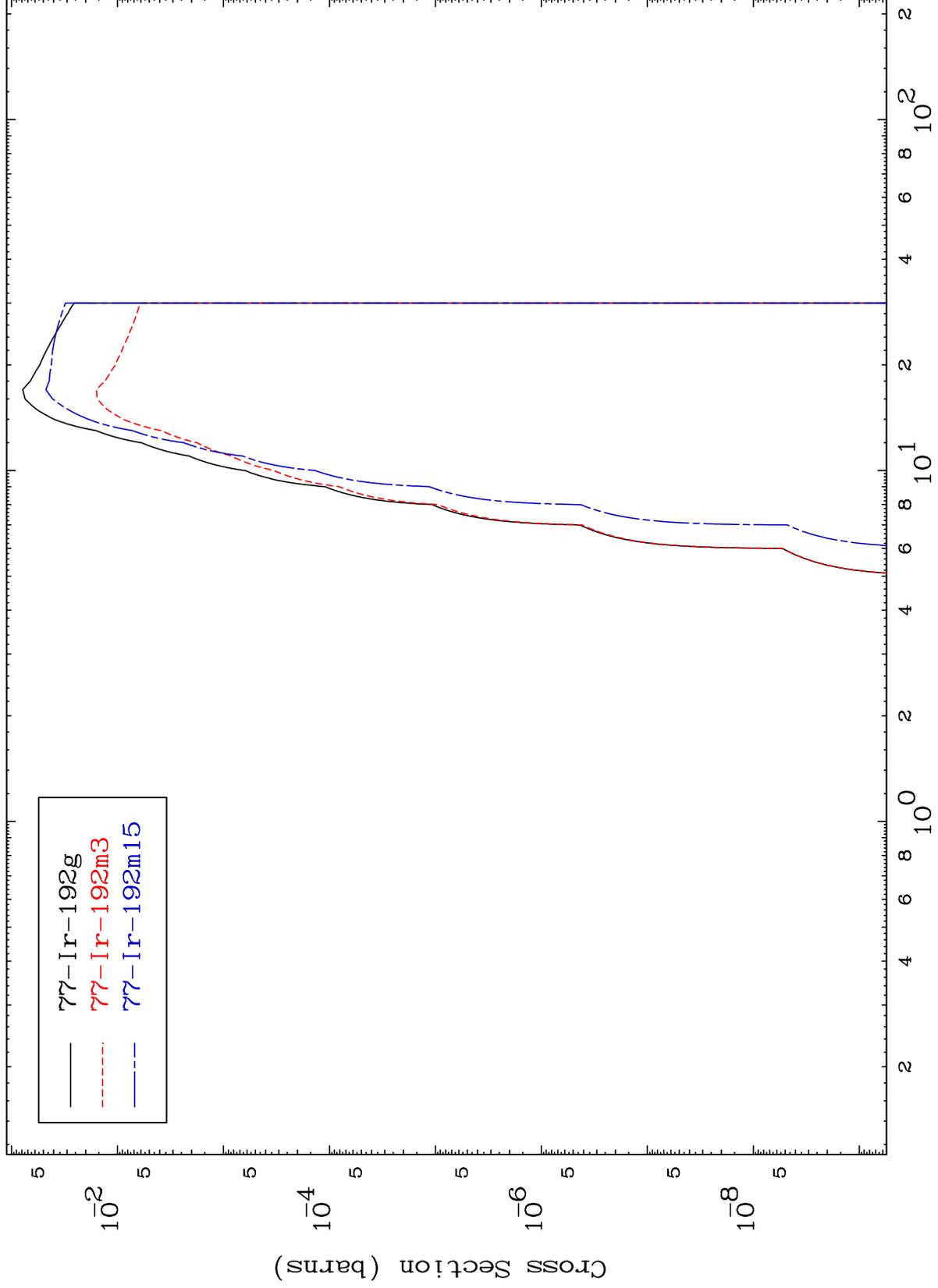
77-Ir-192

(d,p)
Radionuclide Production Cross Section



— 77-Ir-193g
- - - 77-Ir-193m2

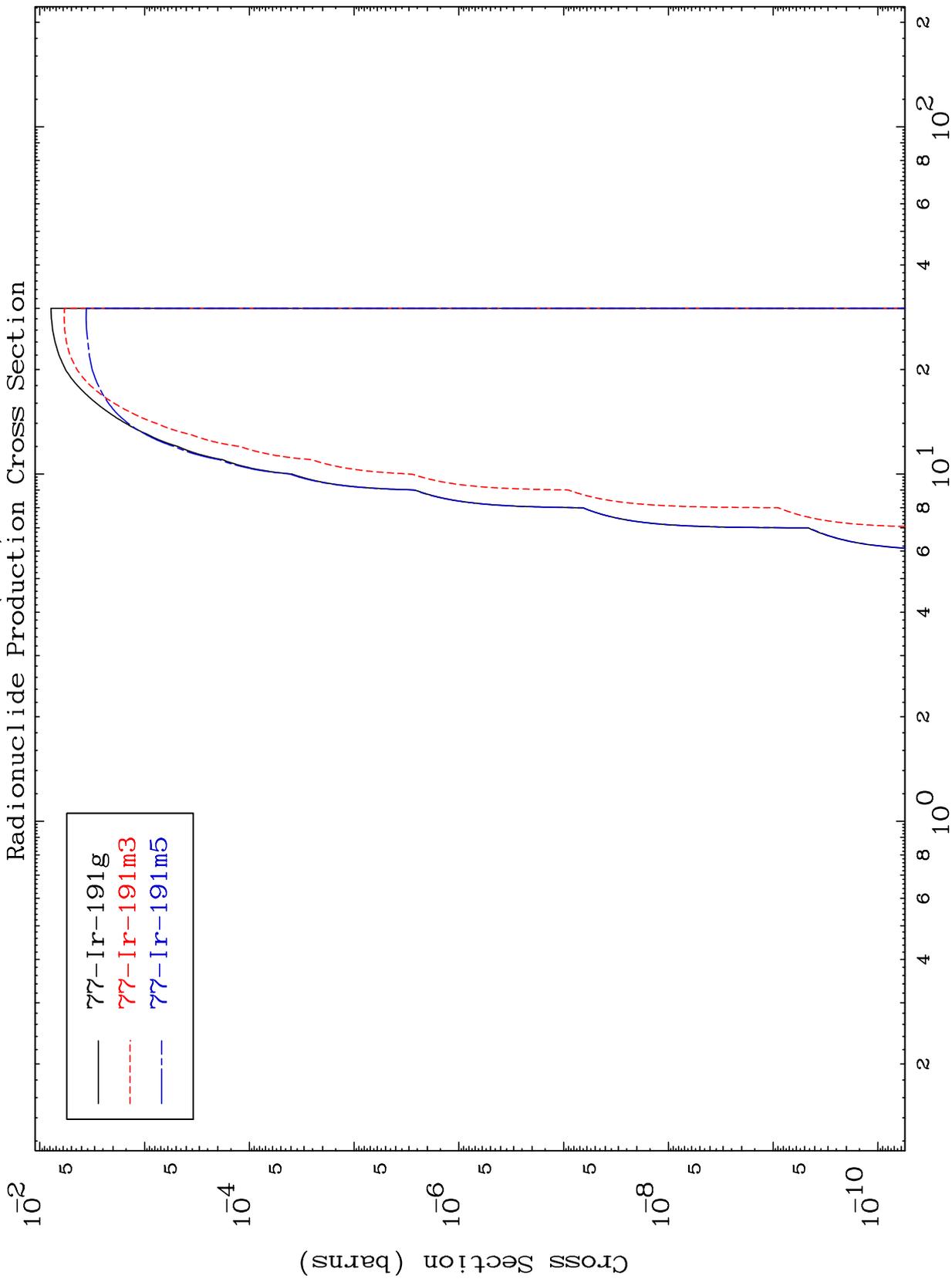
Radionuclide Production Cross Section



MAT 7728

⁷⁷Ir-192

(d, t)
Radionuclide Production Cross Section



27

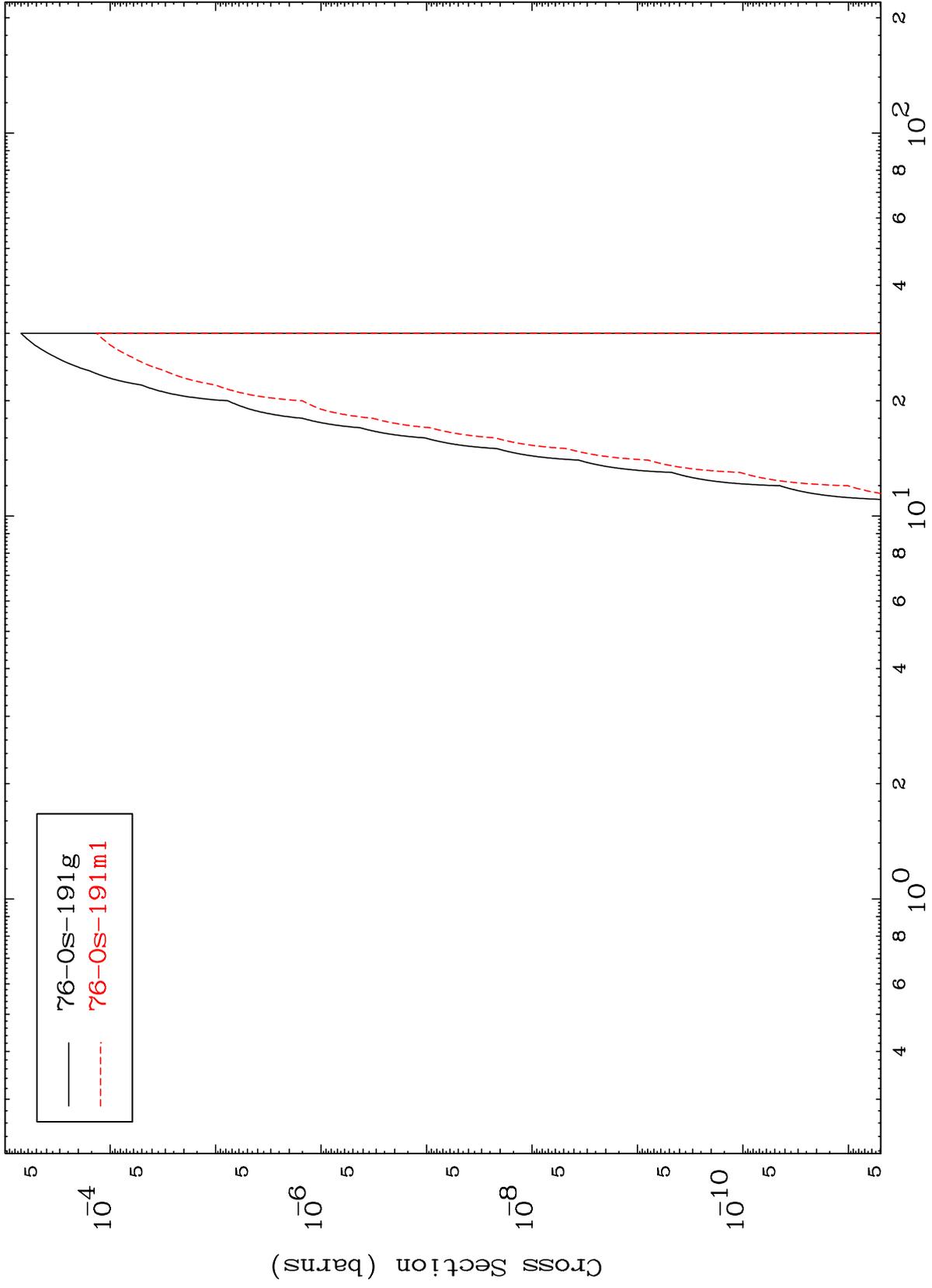
⁷⁷Ir-192

MAT 7728

(d,He-3)

77-Ir-192

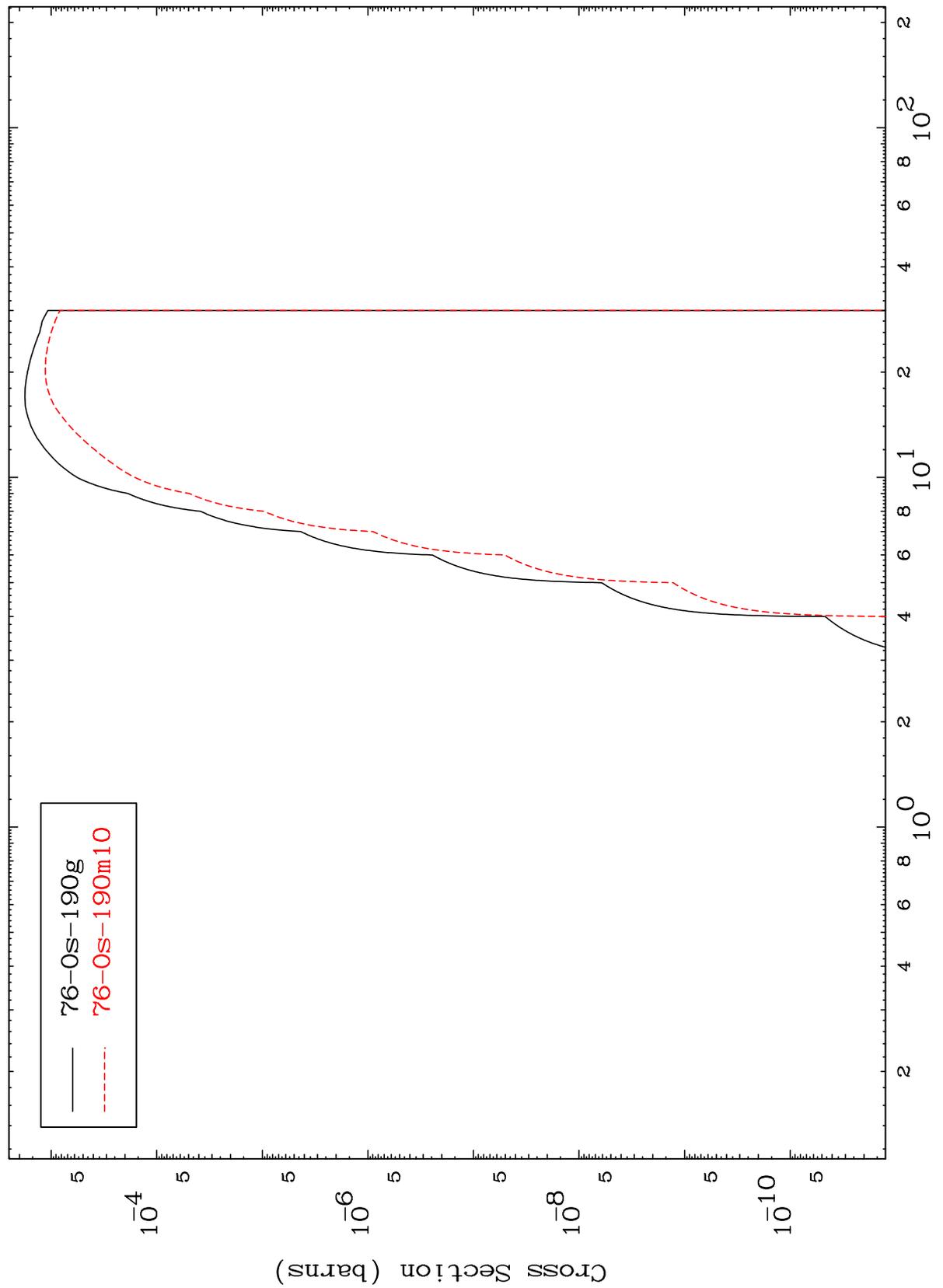
Radionuclide Production Cross Section



MAT 7728

77-Ir-192

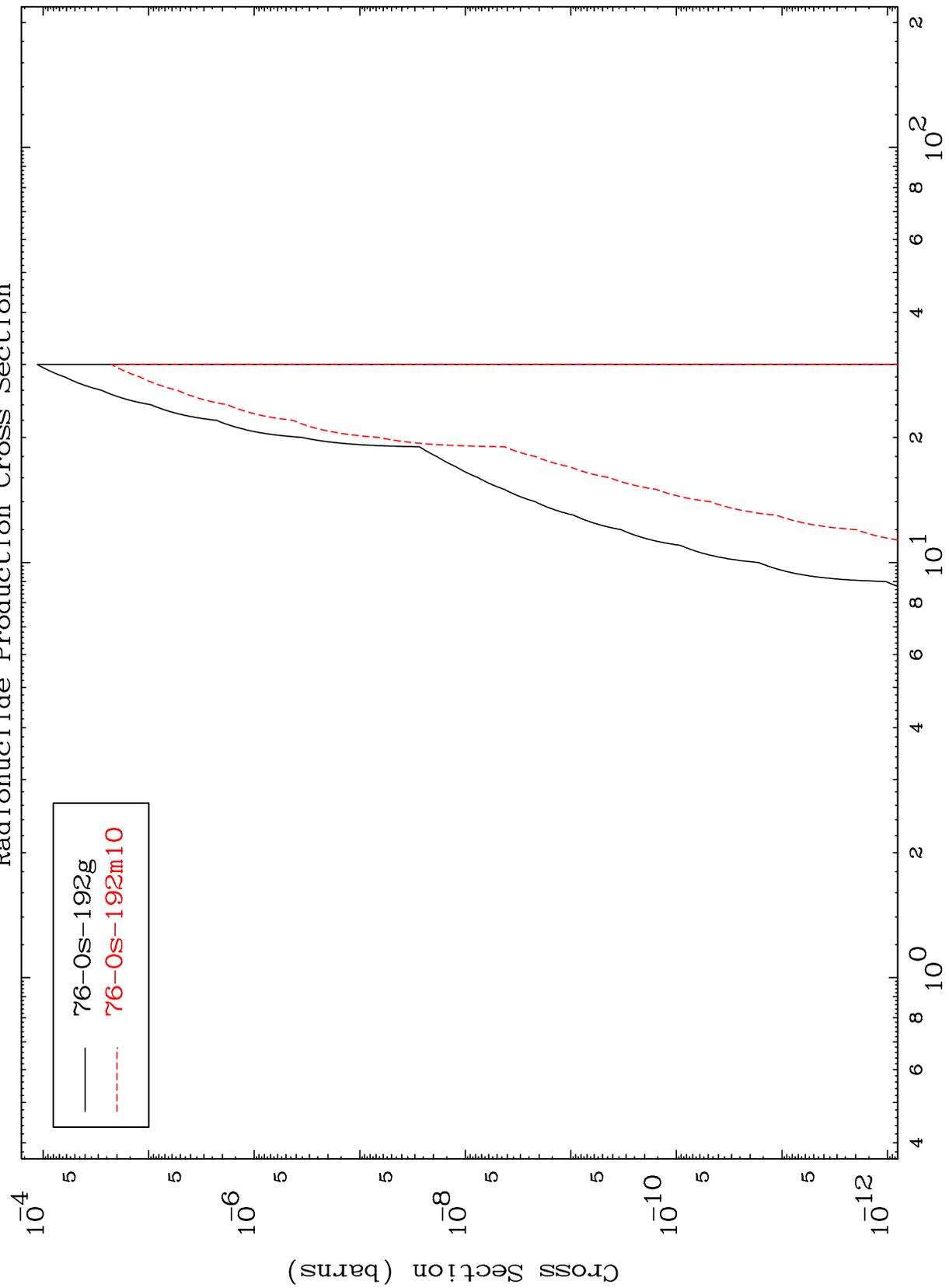
(d, α)
Radionuclide Production Cross Section



MAT 7728

77-Ir-192

(d,2p)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

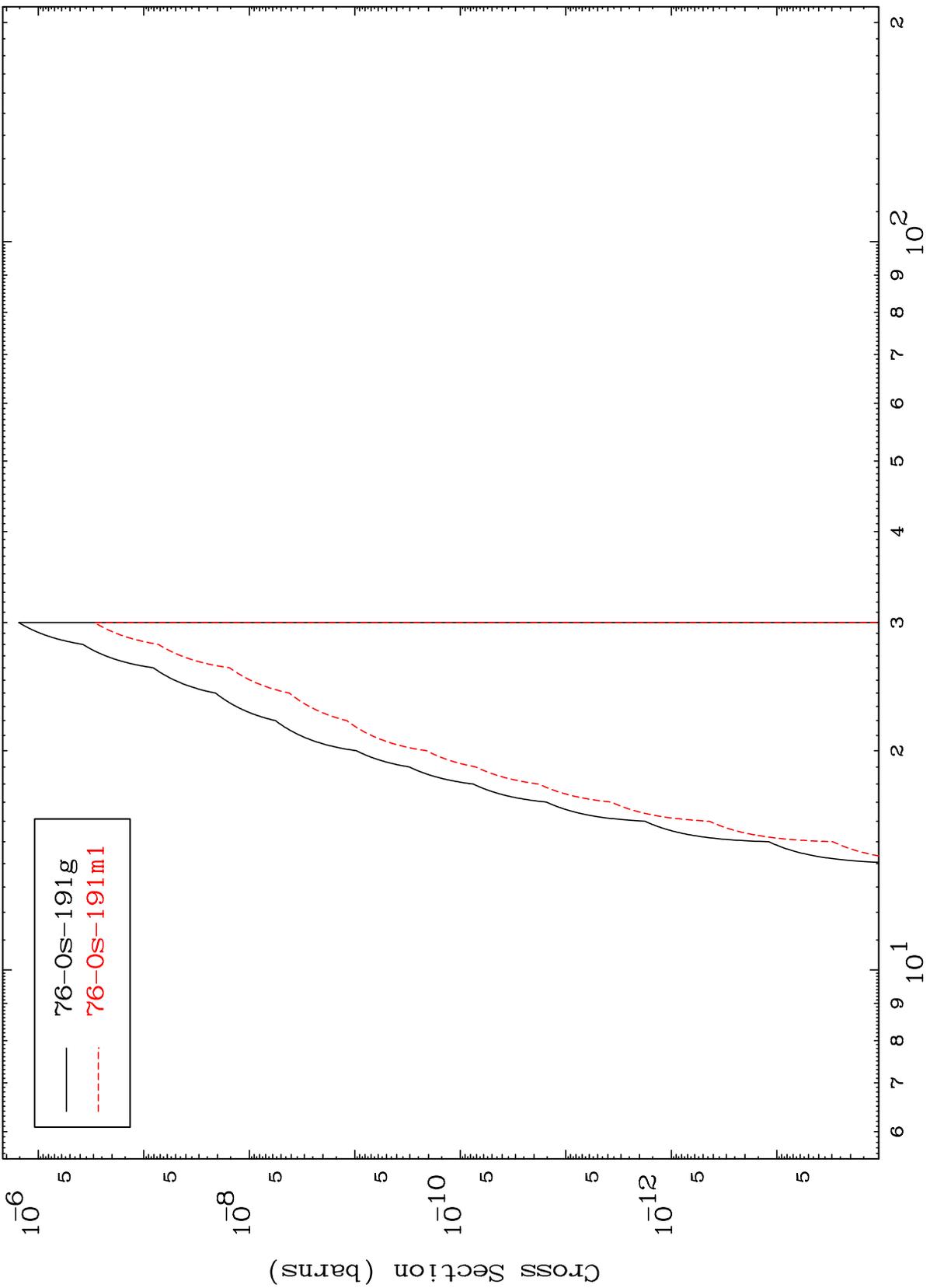
77-Ir-192

MAT 7728

(d,p) d

⁷⁷Ir-192

Radionuclide Production Cross Section

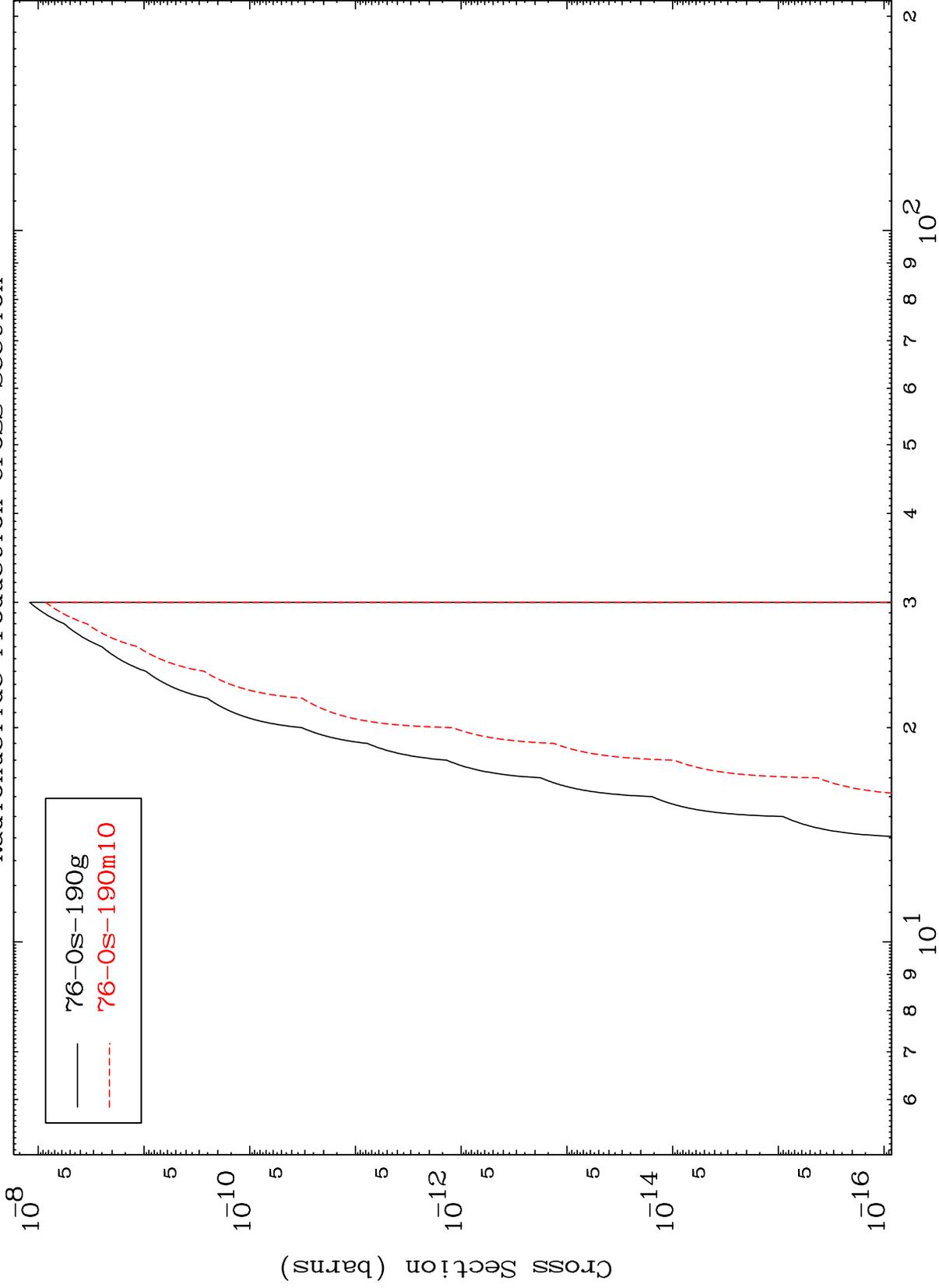


MAT 7728

(d,p) t

⁷⁷Ir-192

Radionuclide Production Cross Section



32

Incident Energy (MeV)

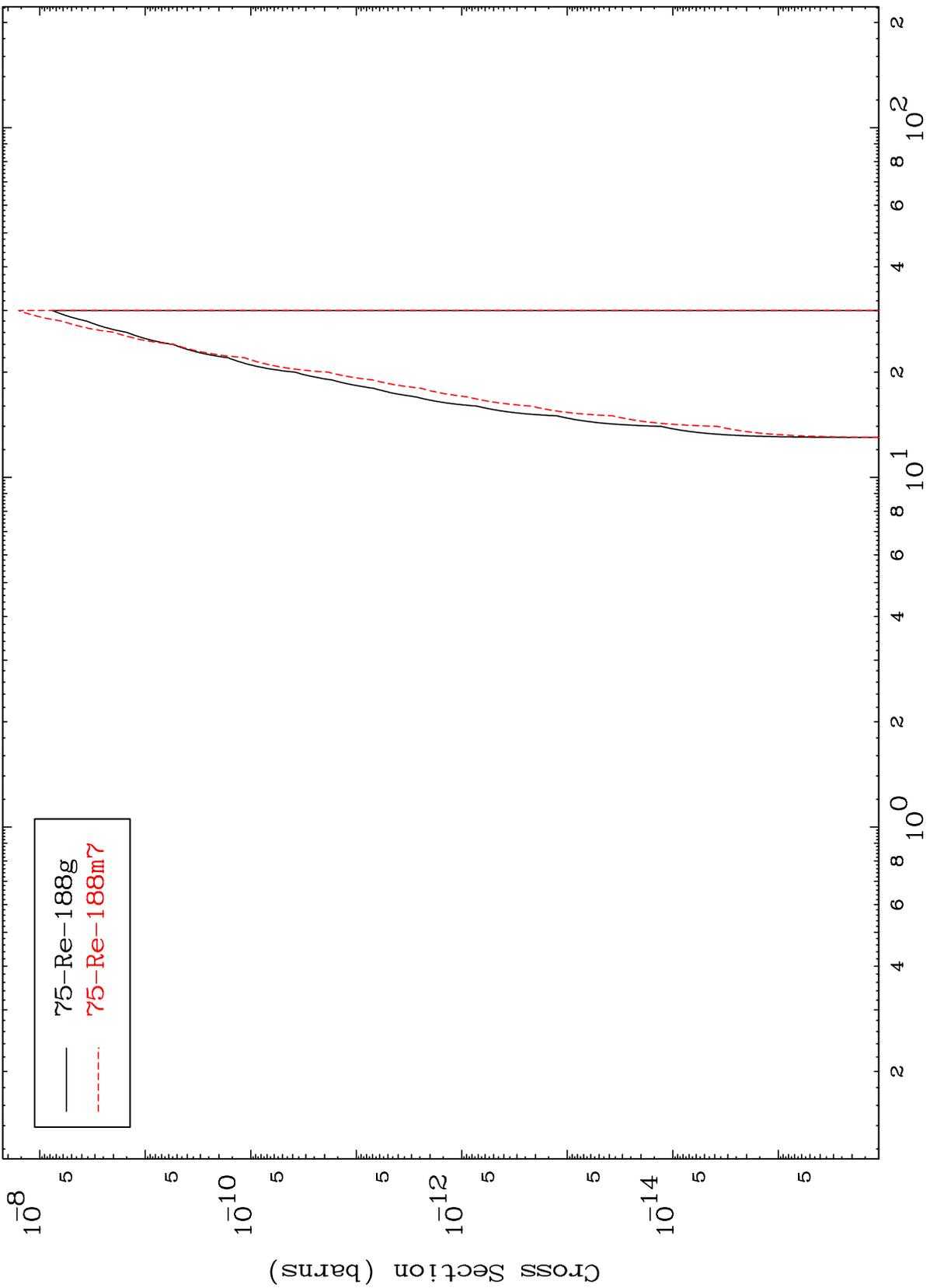
⁷⁷Ir-192

MAT 7728

(d,d) α

⁷⁷Ir-192

Radionuclide Production Cross Section



— 75-Re-188g
- - - 75-Re-188m7

Incident Energy (MeV)

⁷⁷Ir-192