

Program EVALPLOT
(Version 2021-1)

by

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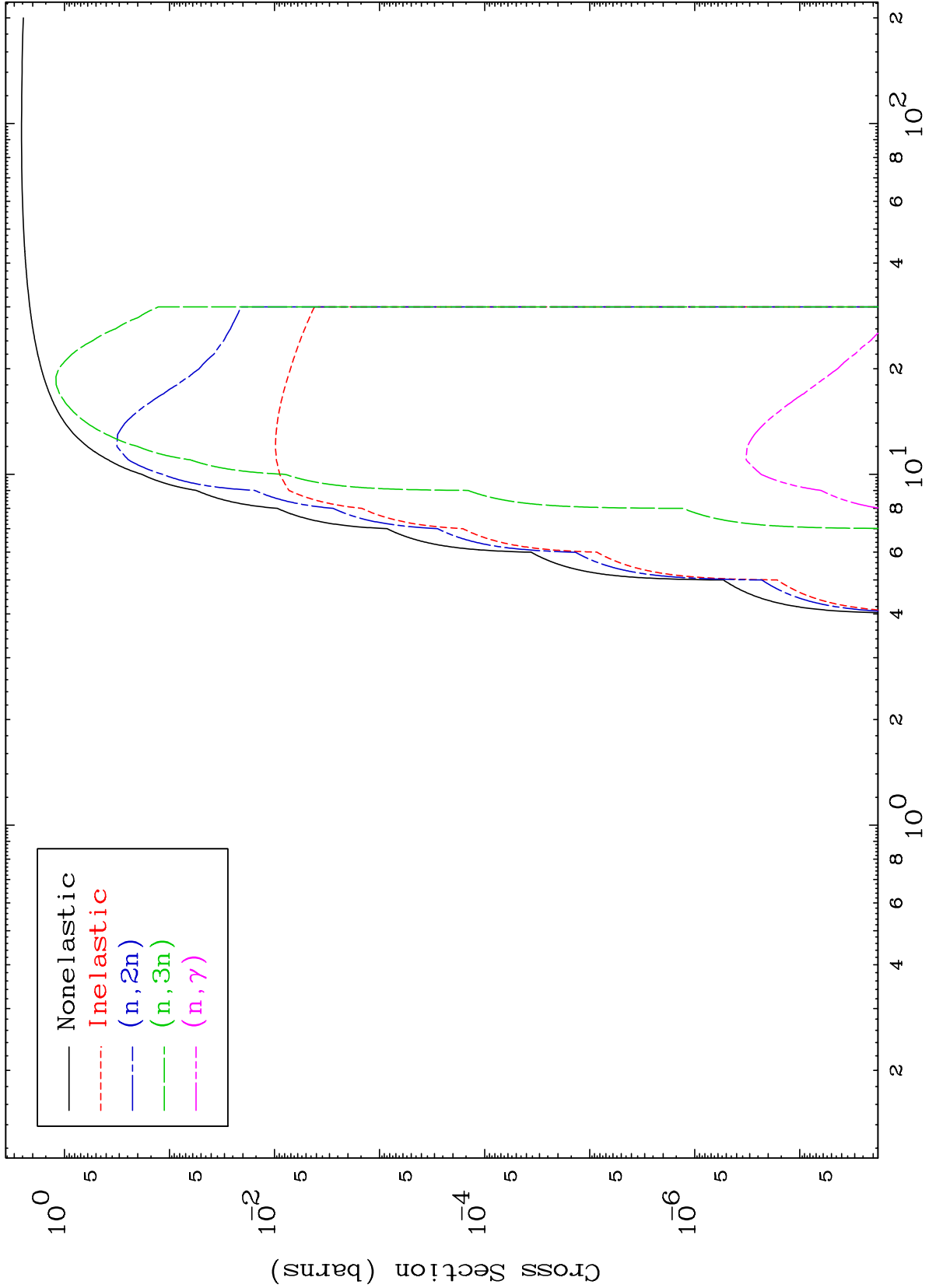
Press Mouse Button to Start

MAT 7735

Triton Major

77-Ir-194m

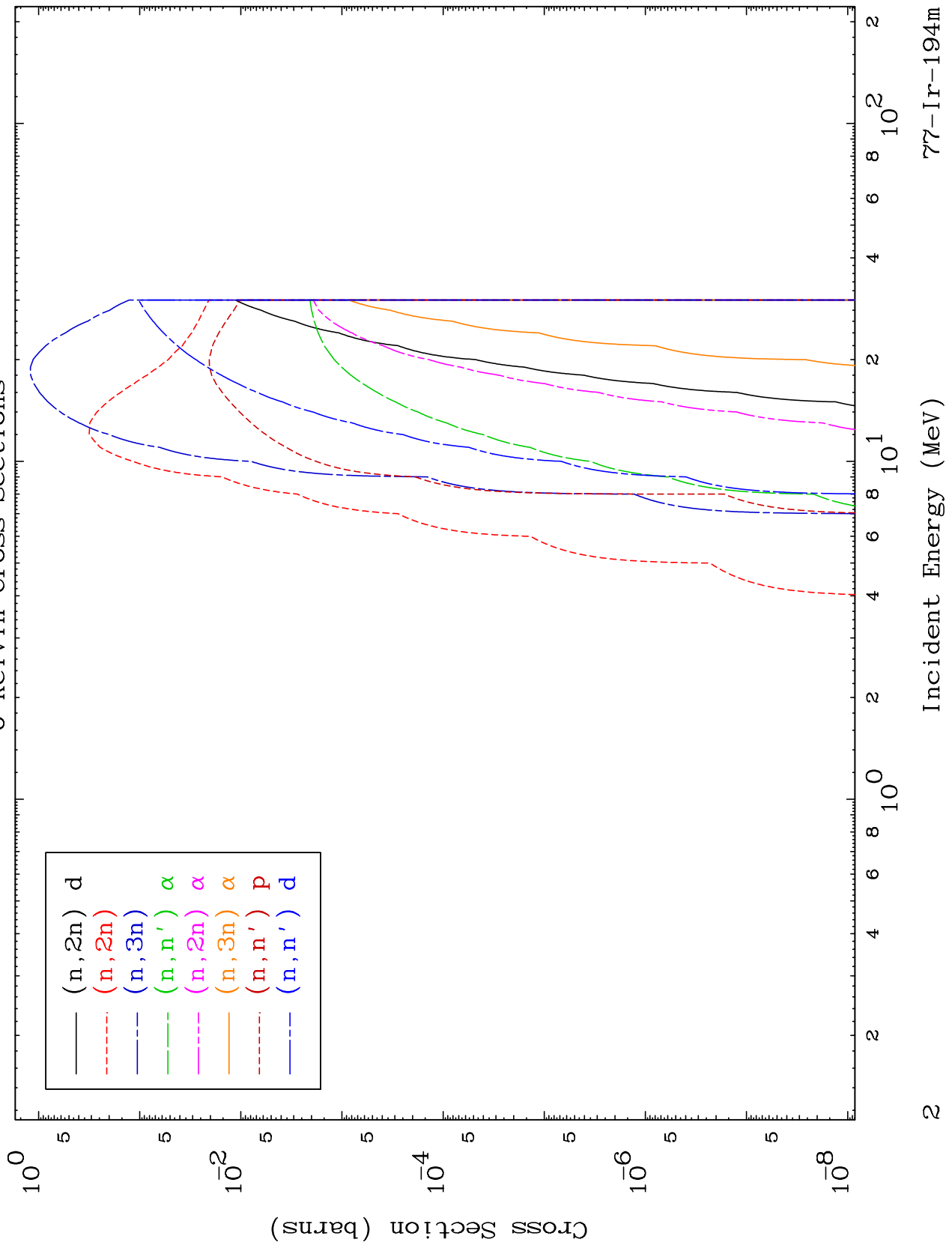
0 Kelvin Cross Sections



MAT 7735

Triton Neutron Absorption
0 Kelvin Cross Sections

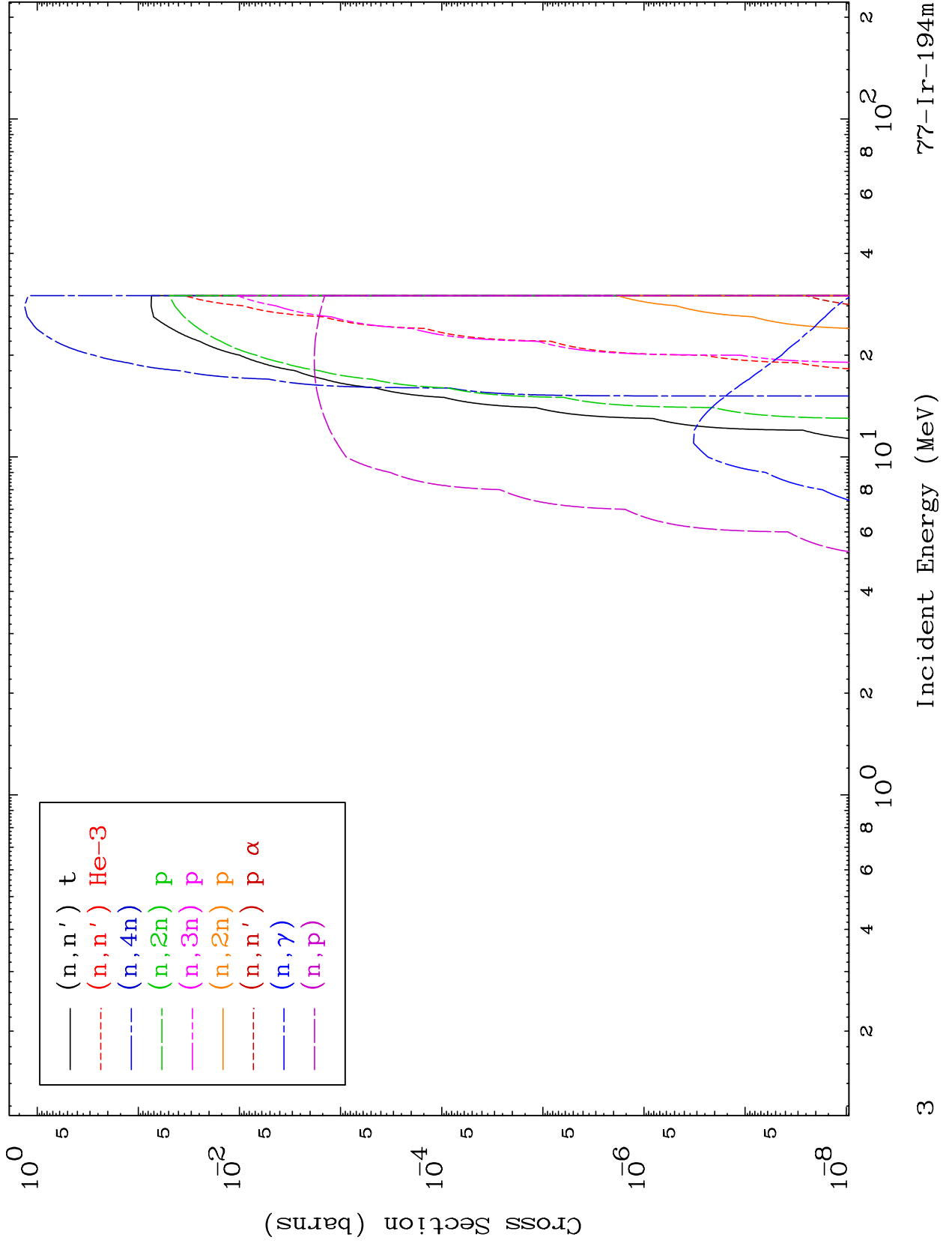
77-Ir-194m



MAT 7735

Triton Neutron Absorption
0 Kelvin Cross Sections

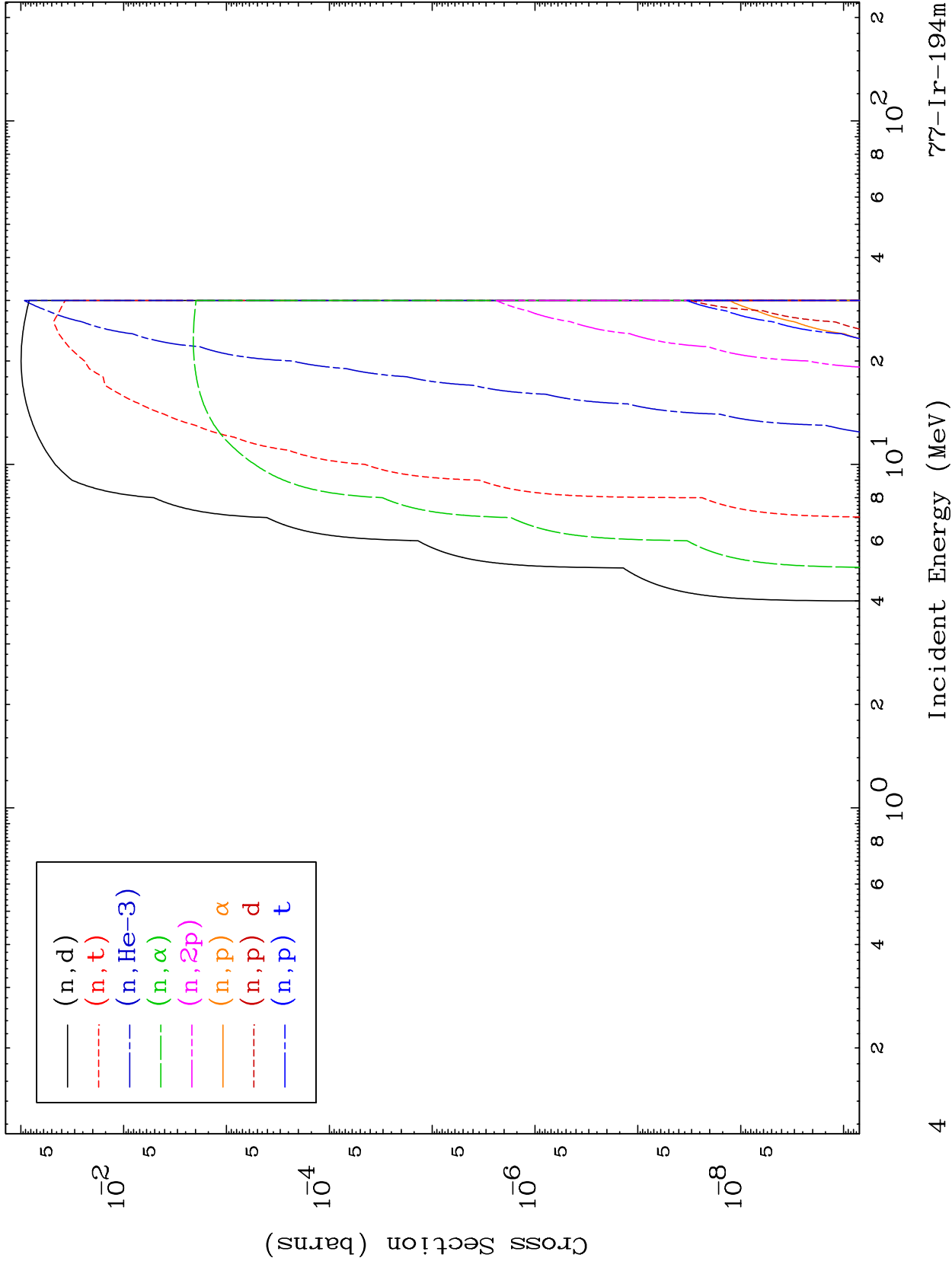
77-Ir-194m



MAT 7735

Triton Neutron Absorption
0 Kelvin Cross Sections

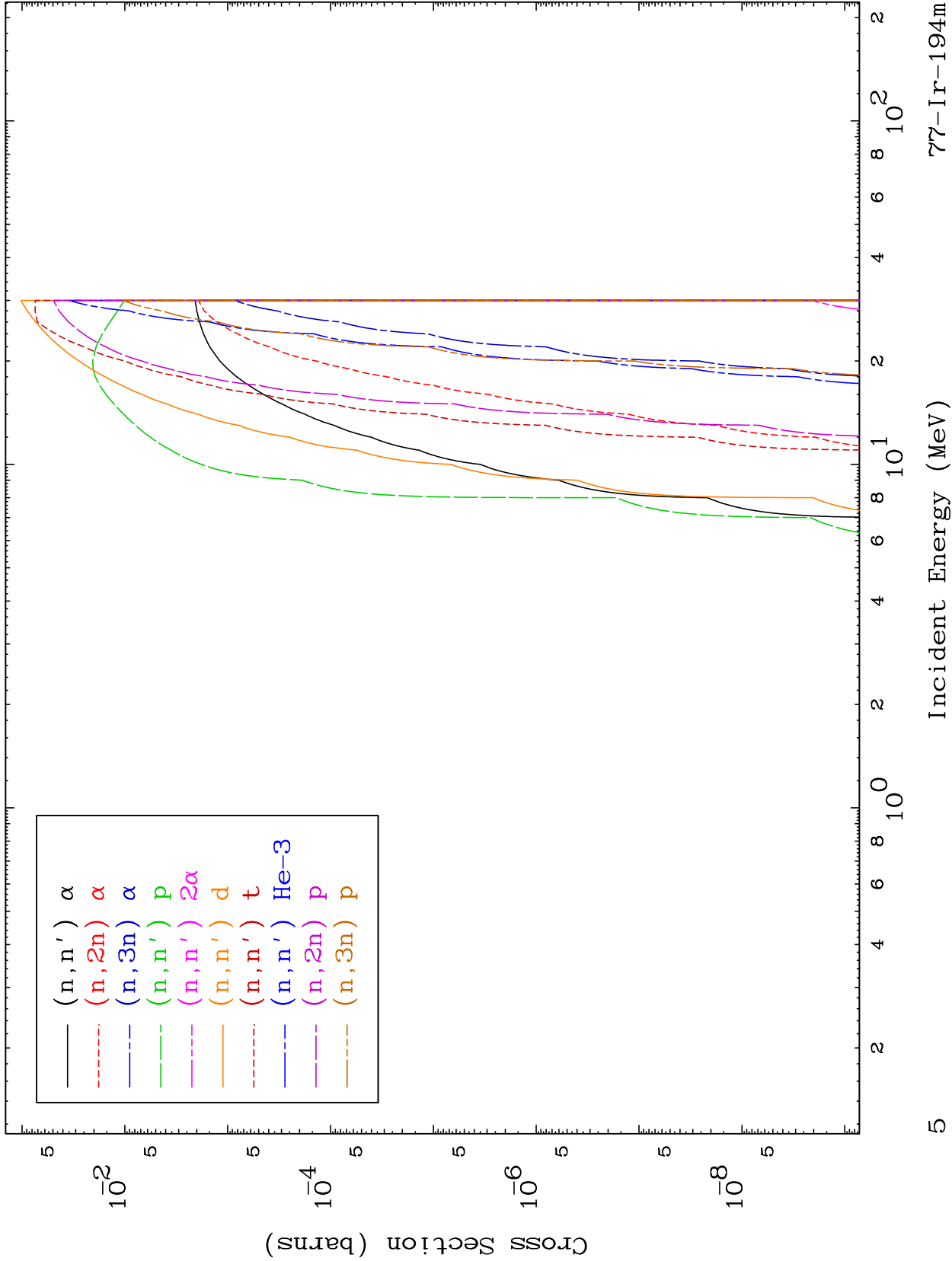
77-Ir-194m



MAT 7735

Triton Charged Particle
0 Kelvin Cross Sections

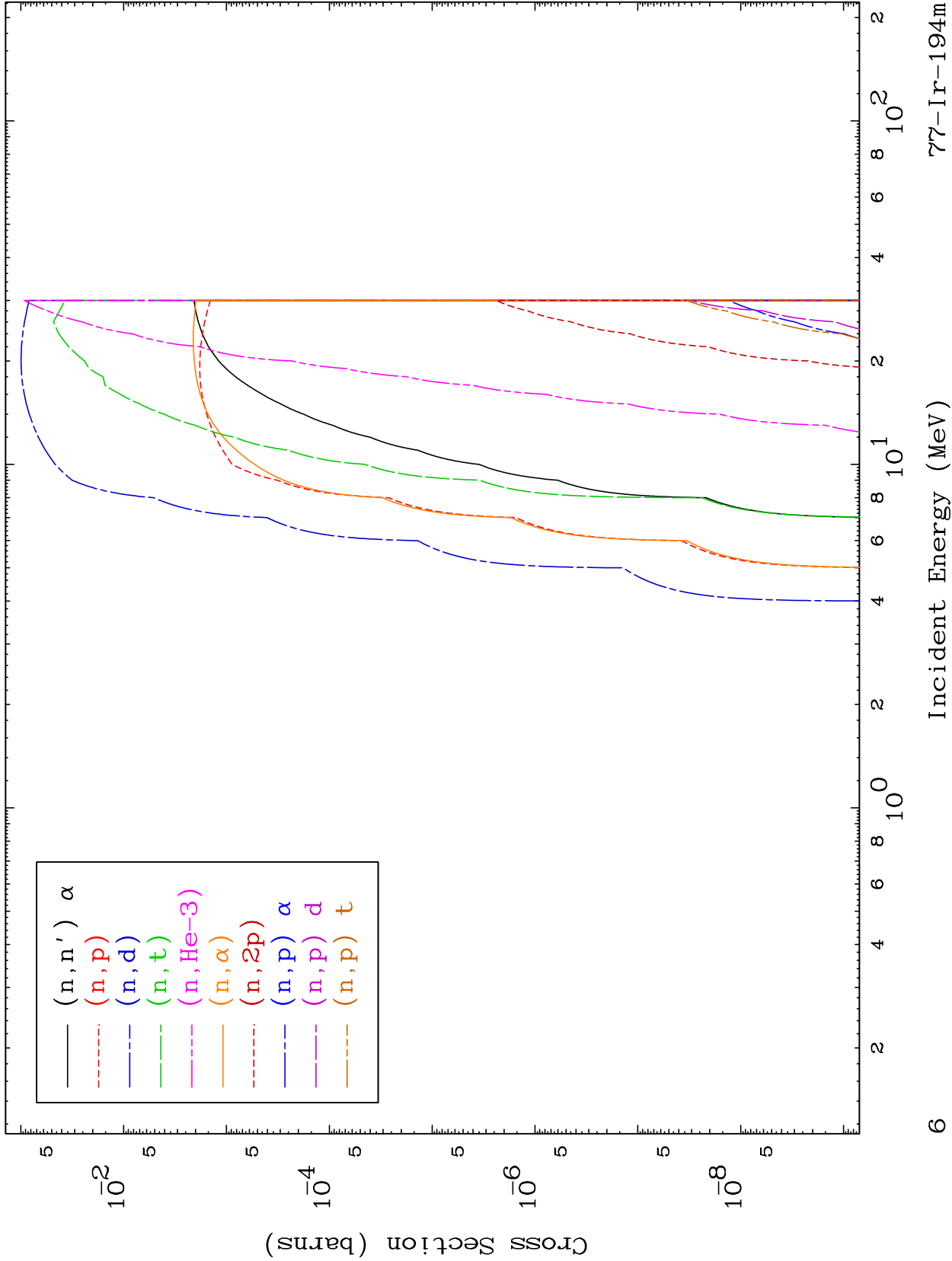
77-Ir-194m



MAT 7735

Triton Charged Particle
0 Kelvin Cross Sections

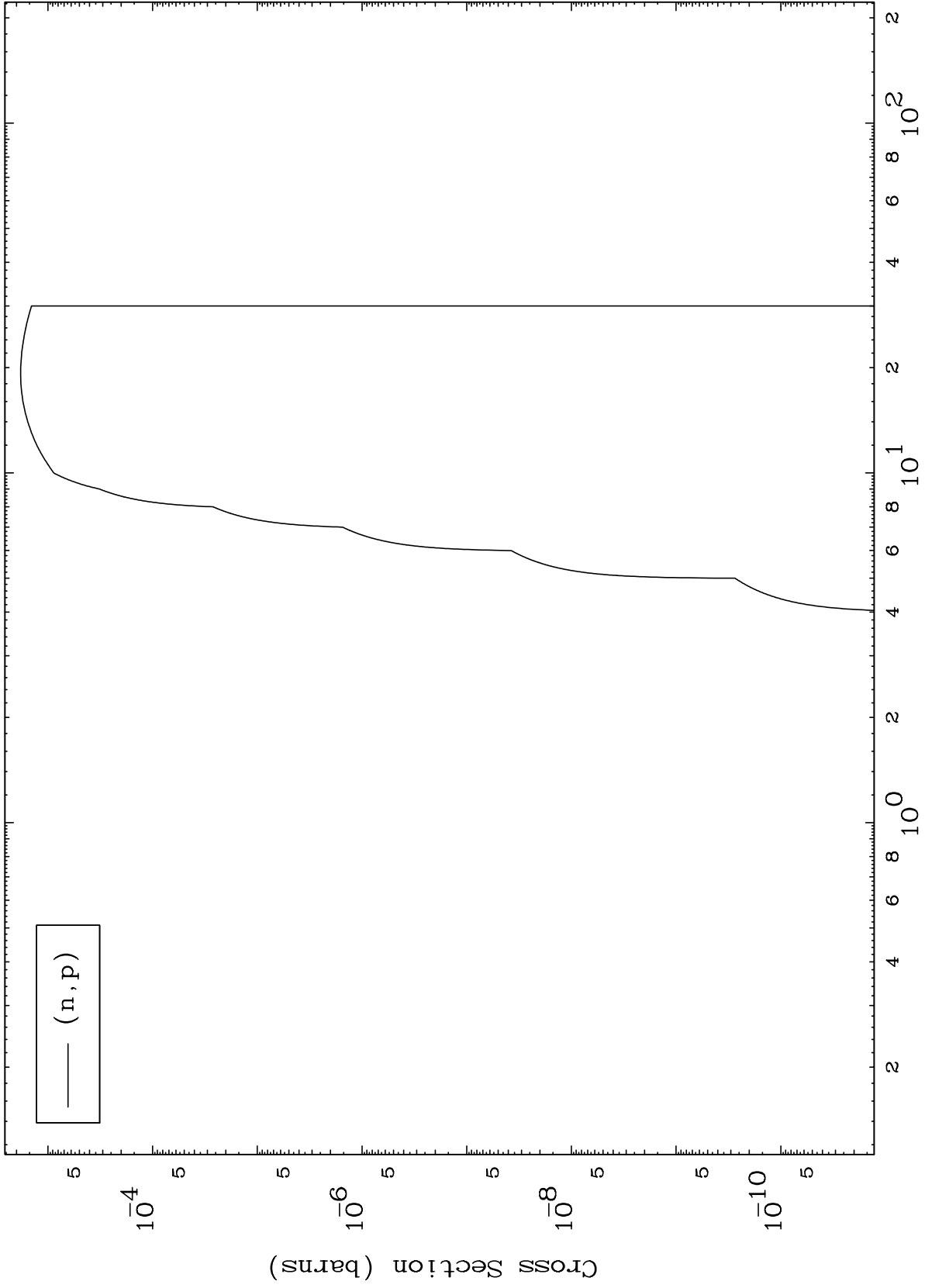
77-Ir-194m



MAT 7735

(t,p) Levels
0 Kelvin Cross Sections

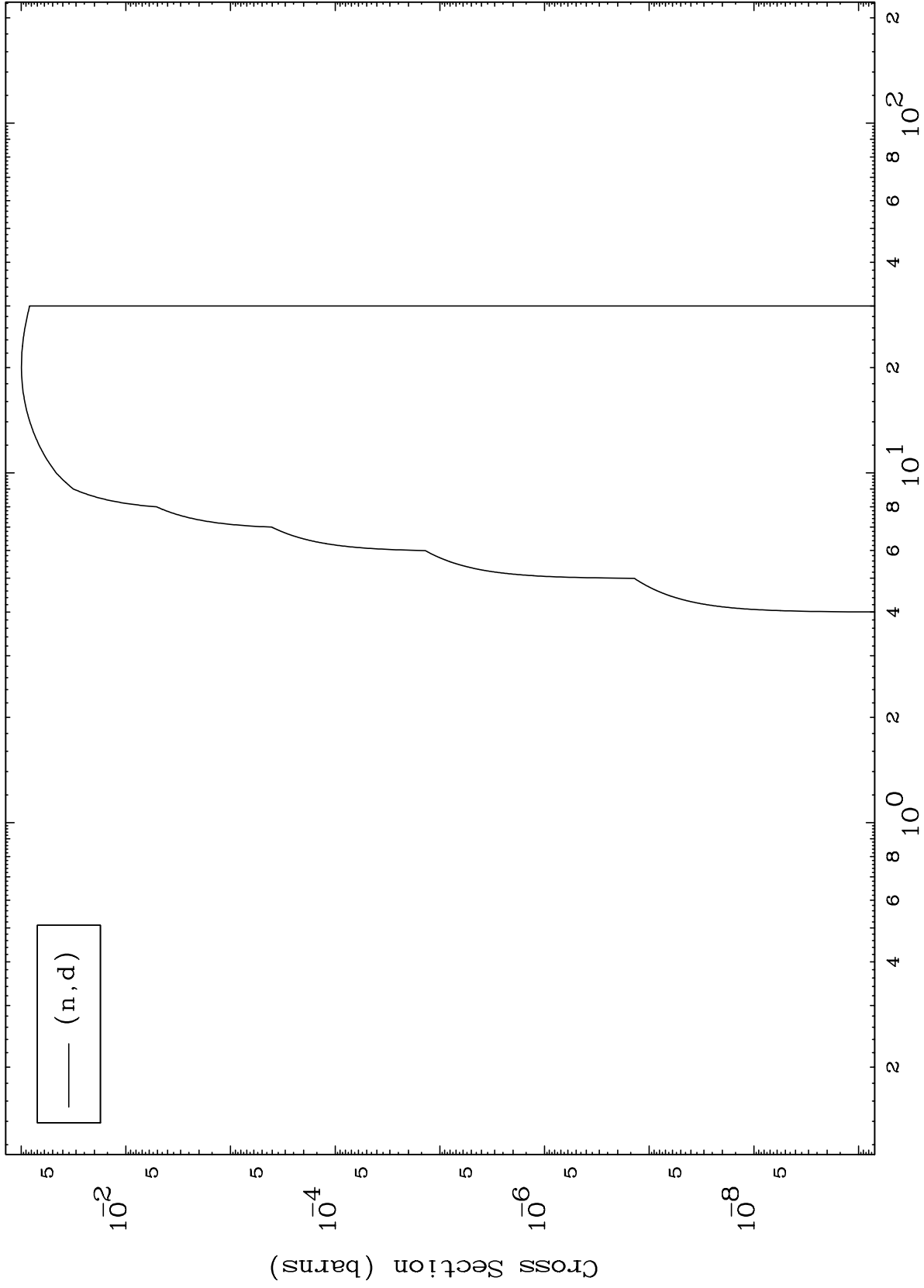
77-Ir-194m



MAT 7735

(t,d) Levels
0 Kelvin Cross Sections

77-Ir-194m

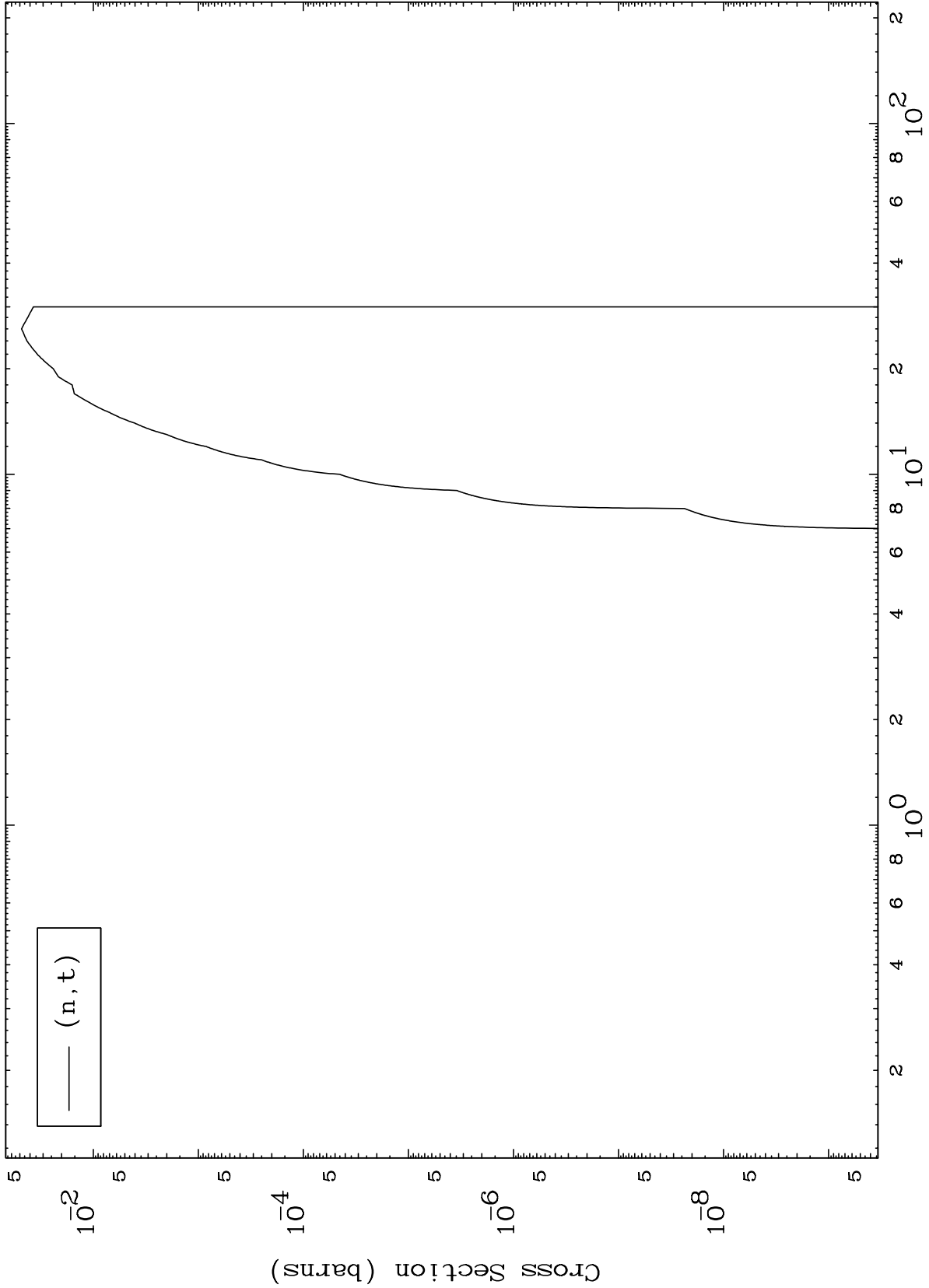


MAT 7735

(t, t) Levels

77-Ir-194m

0 Kelvin Cross Sections

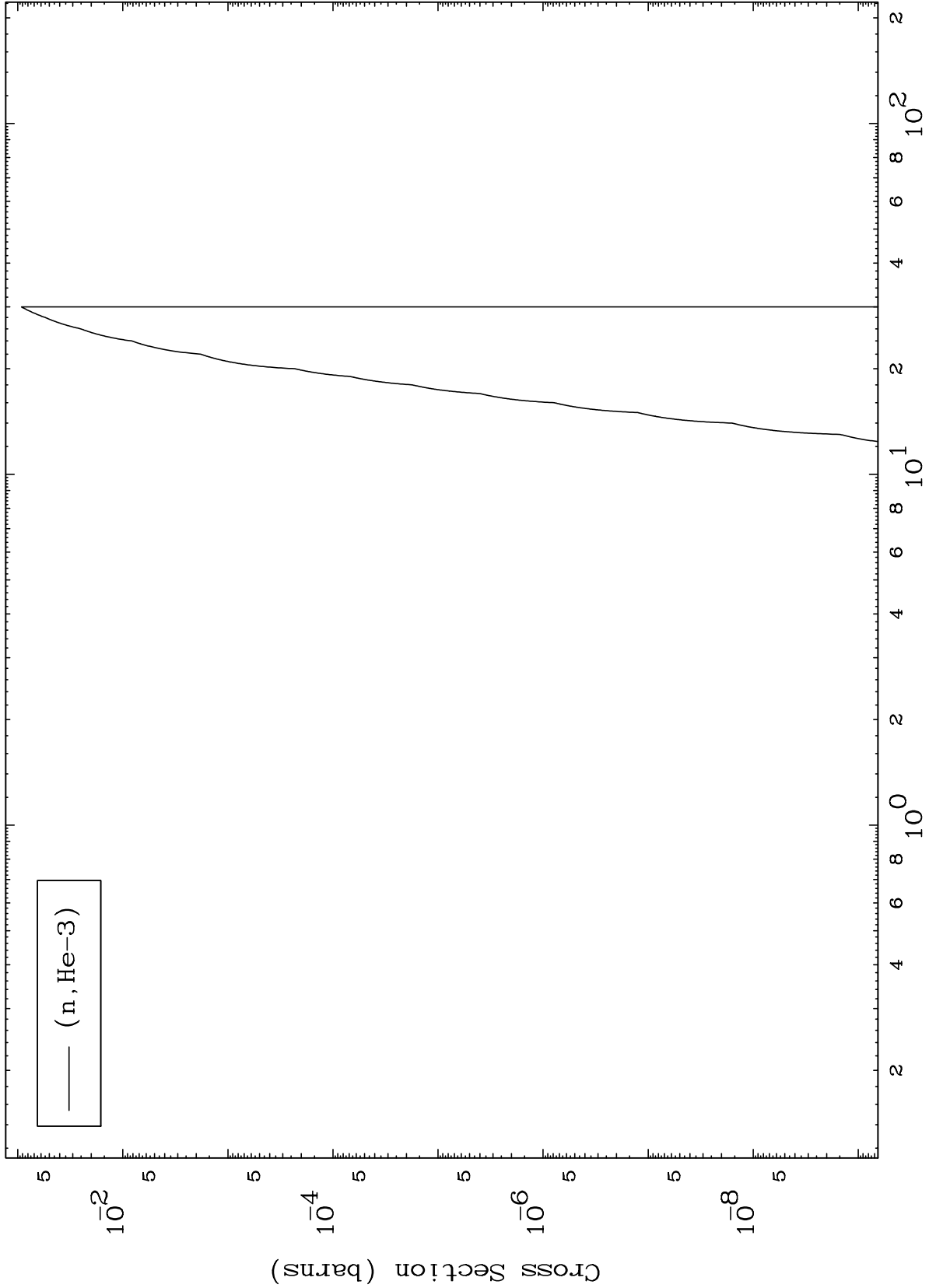


MAT 7735

(t,He3) Levels

77-Ir-194m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

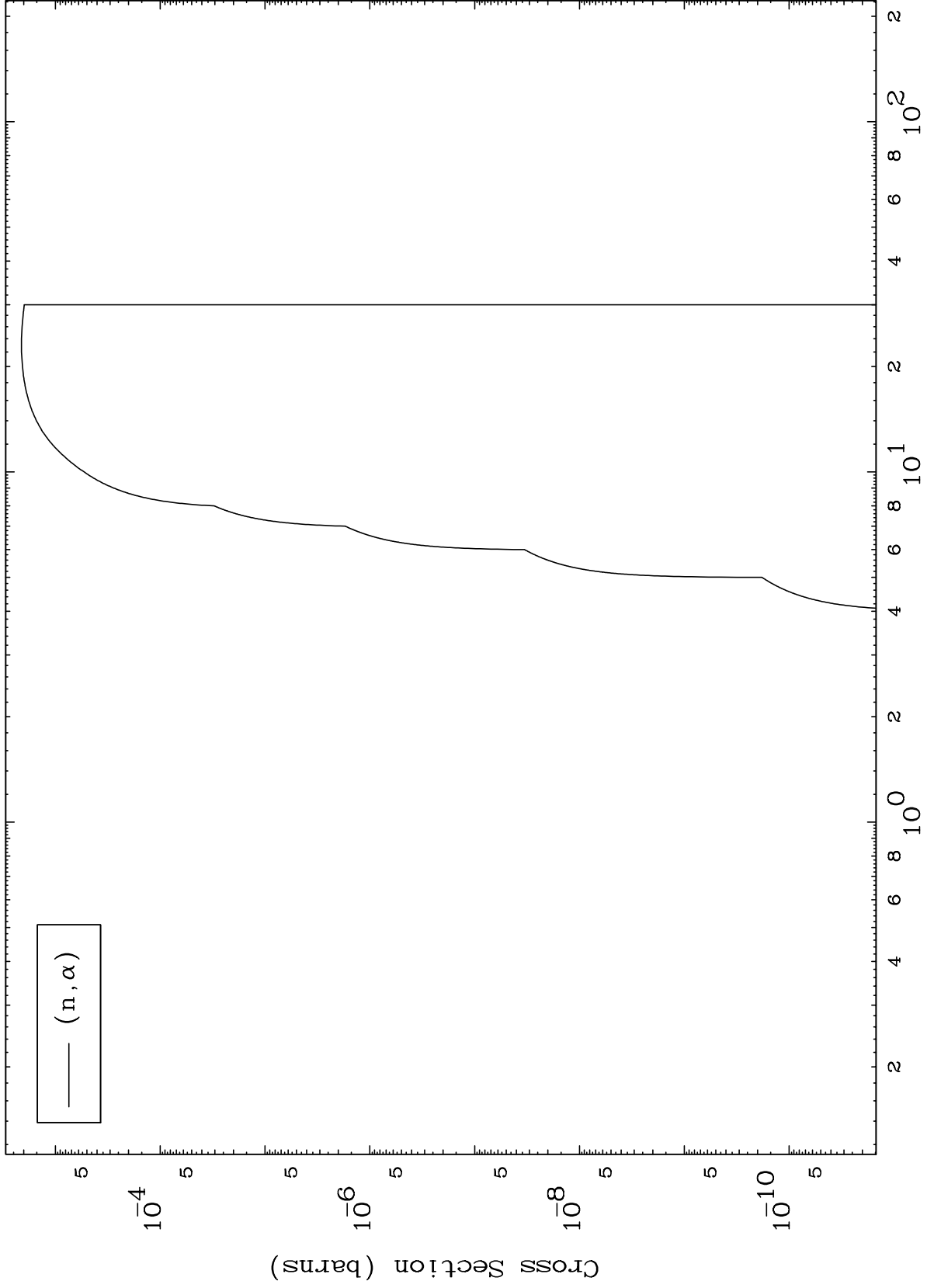
77-Ir-194m

MAT 7735

(t, α) Levels

77-Ir-194m

0 Kelvin Cross Sections

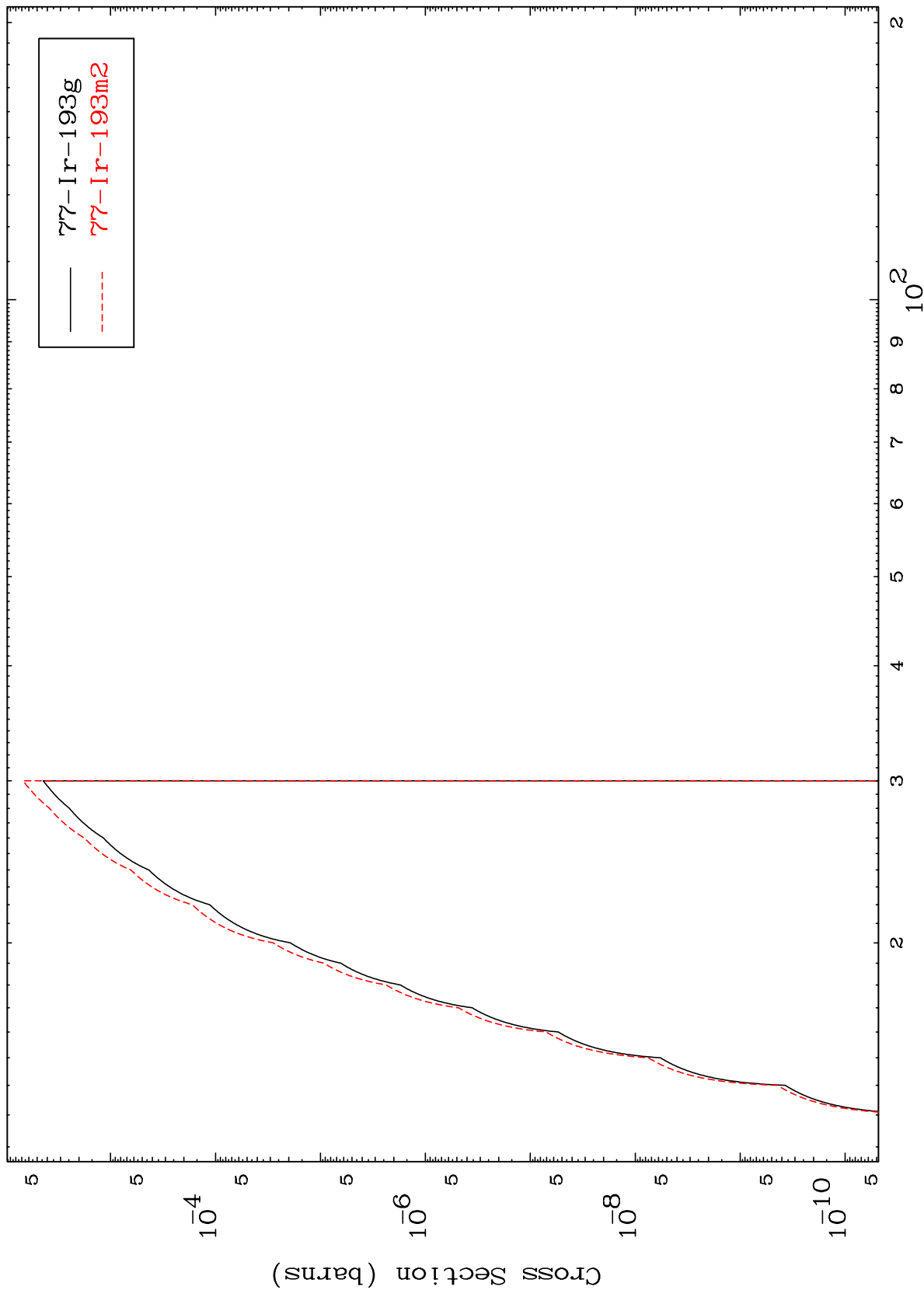


MAT 7735

(n,2n) d

77-Ir-194m

Radionuclide Production Cross Section



12

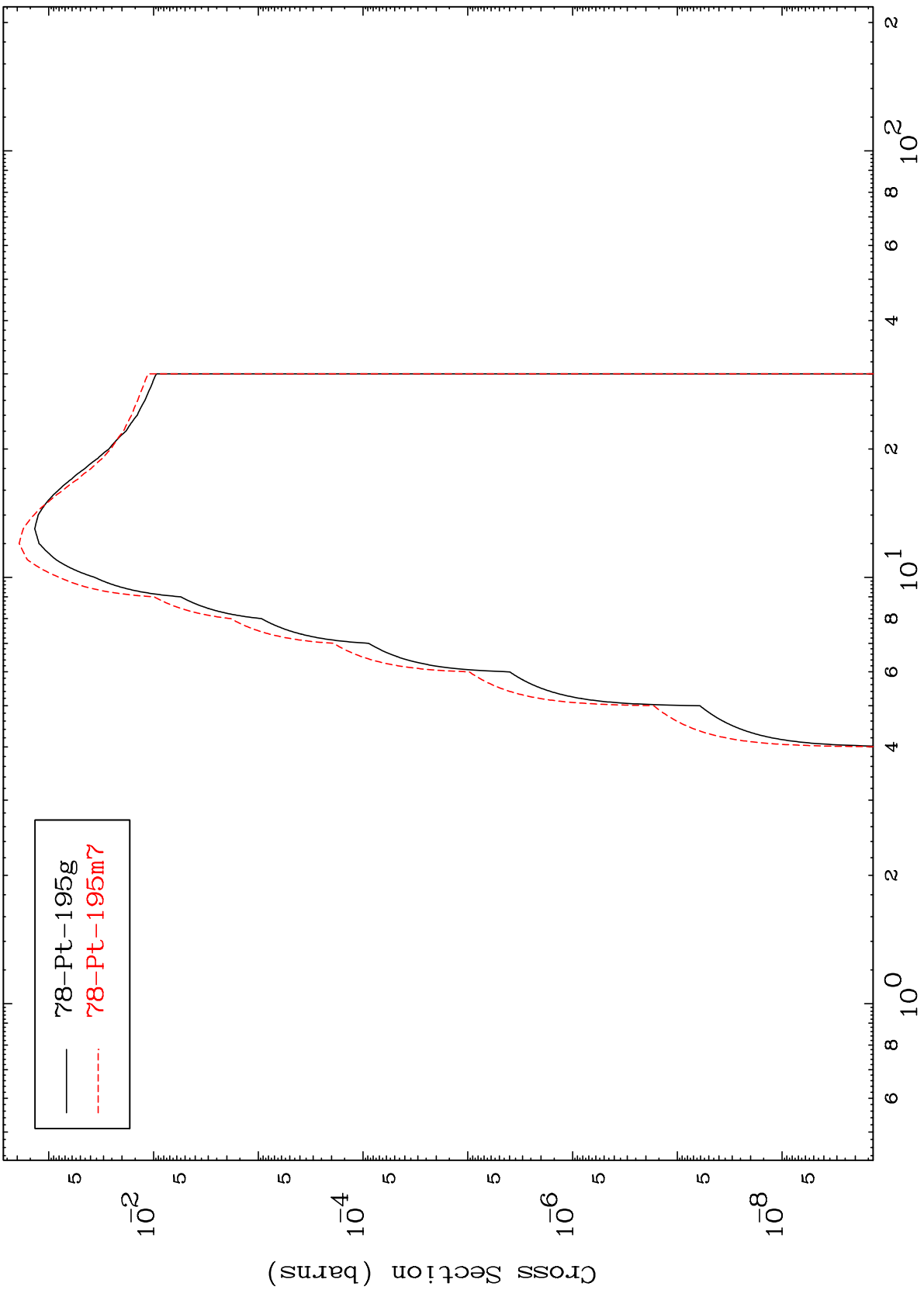
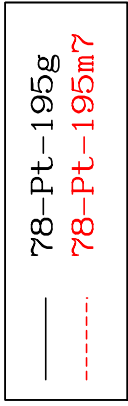
Incident Energy (MeV)

77-Ir-194m

MAT 7735

⁷⁷Ir-194m

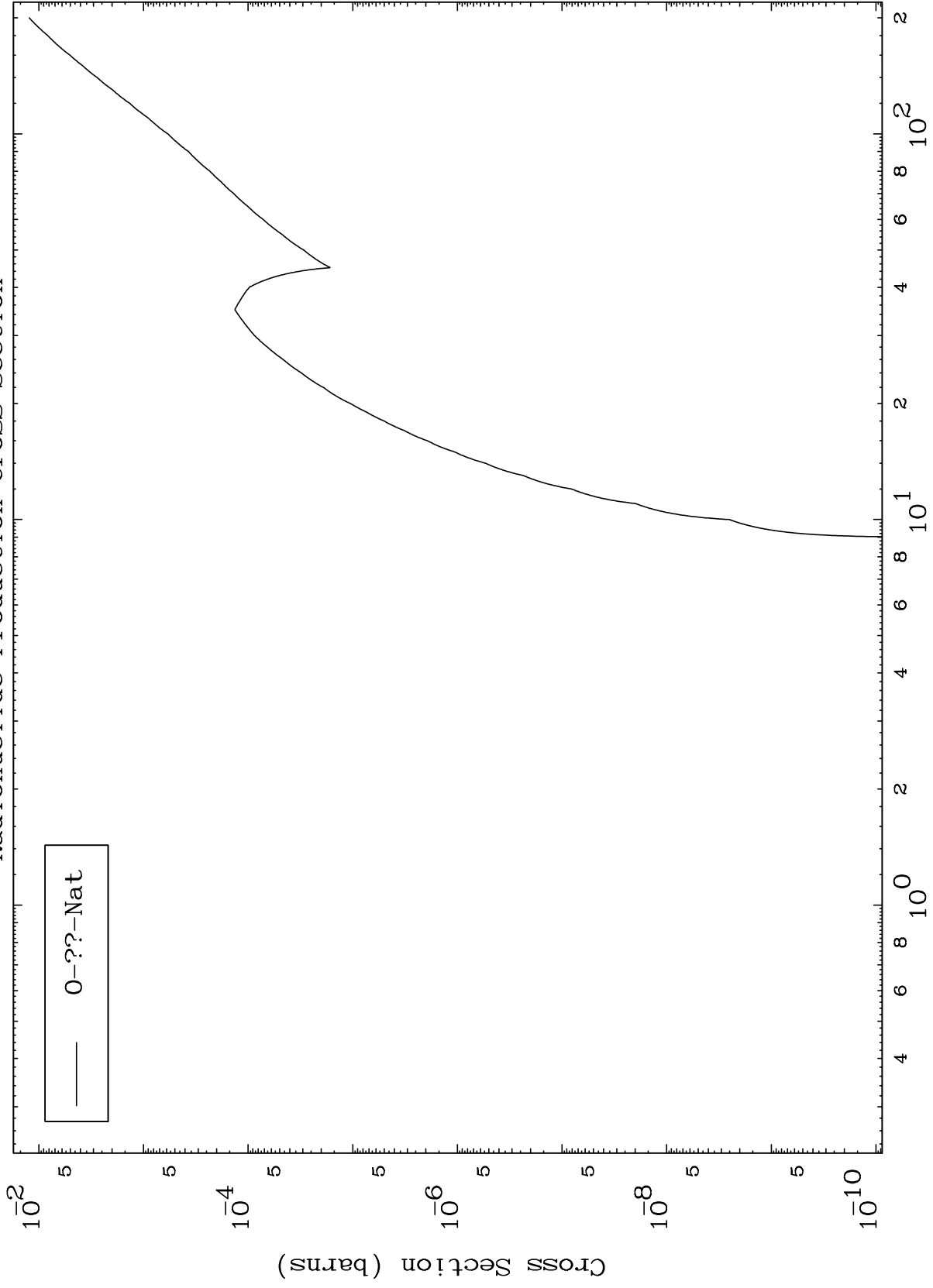
Radionuclide Production Cross Section



MAT 7735

Fission
Radionuclide Production Cross Section

⁷⁷Ir-194m

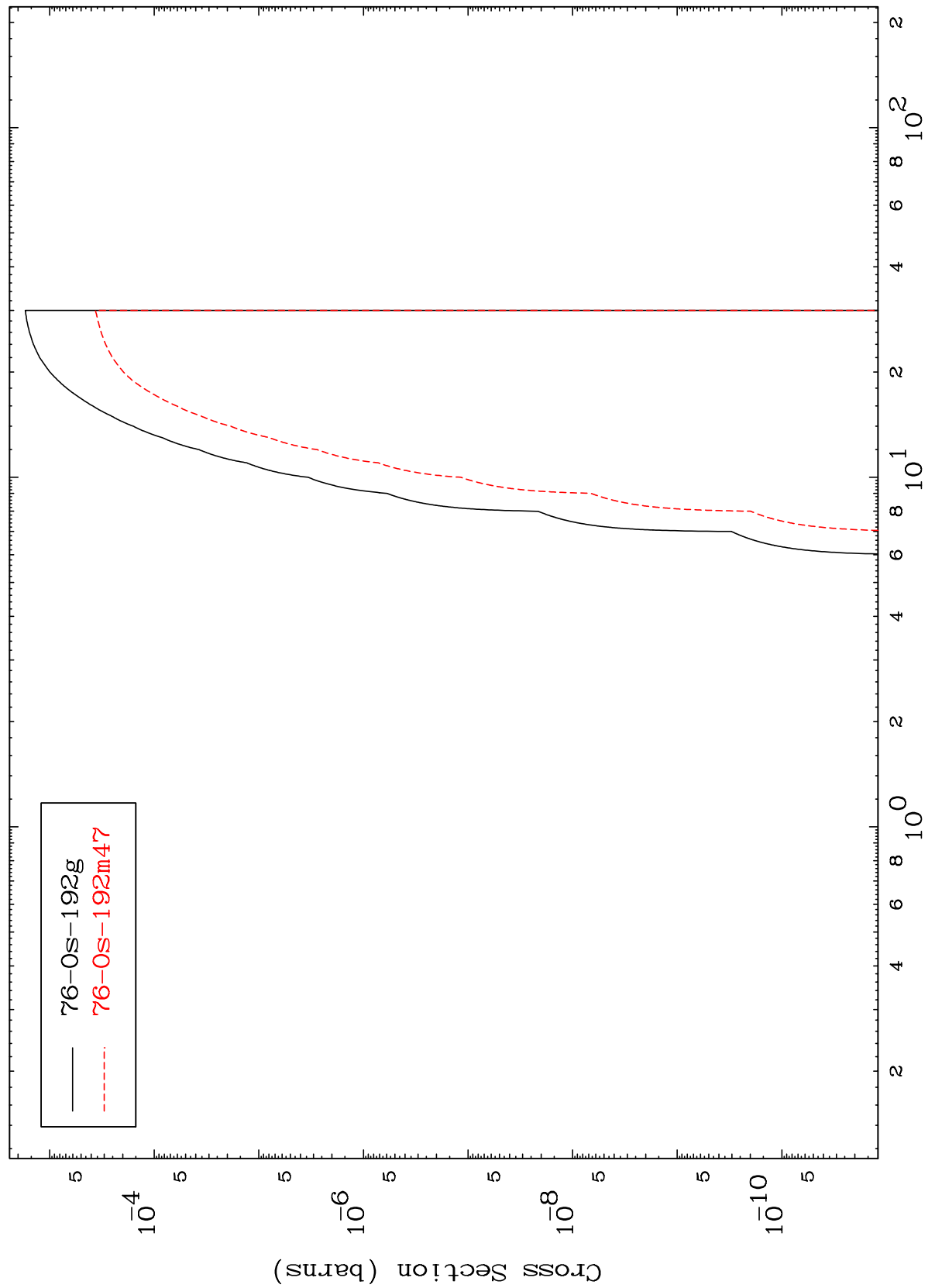


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$(n, n') \alpha$

77-Ir-194m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

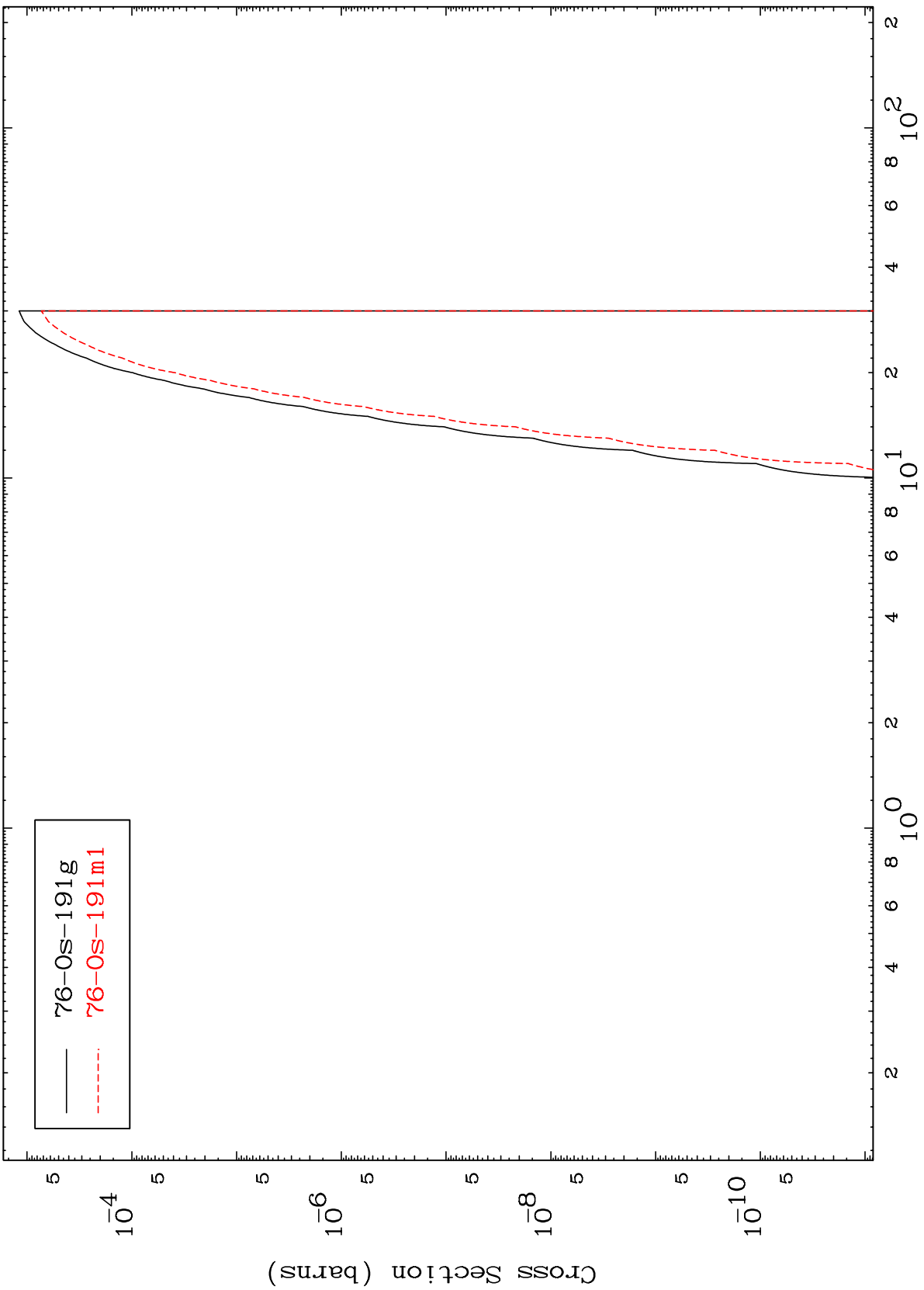
77-Ir-194m

MAT 7735

(n,2n) α

⁷⁷Ir-194m

Radionuclide Production Cross Section

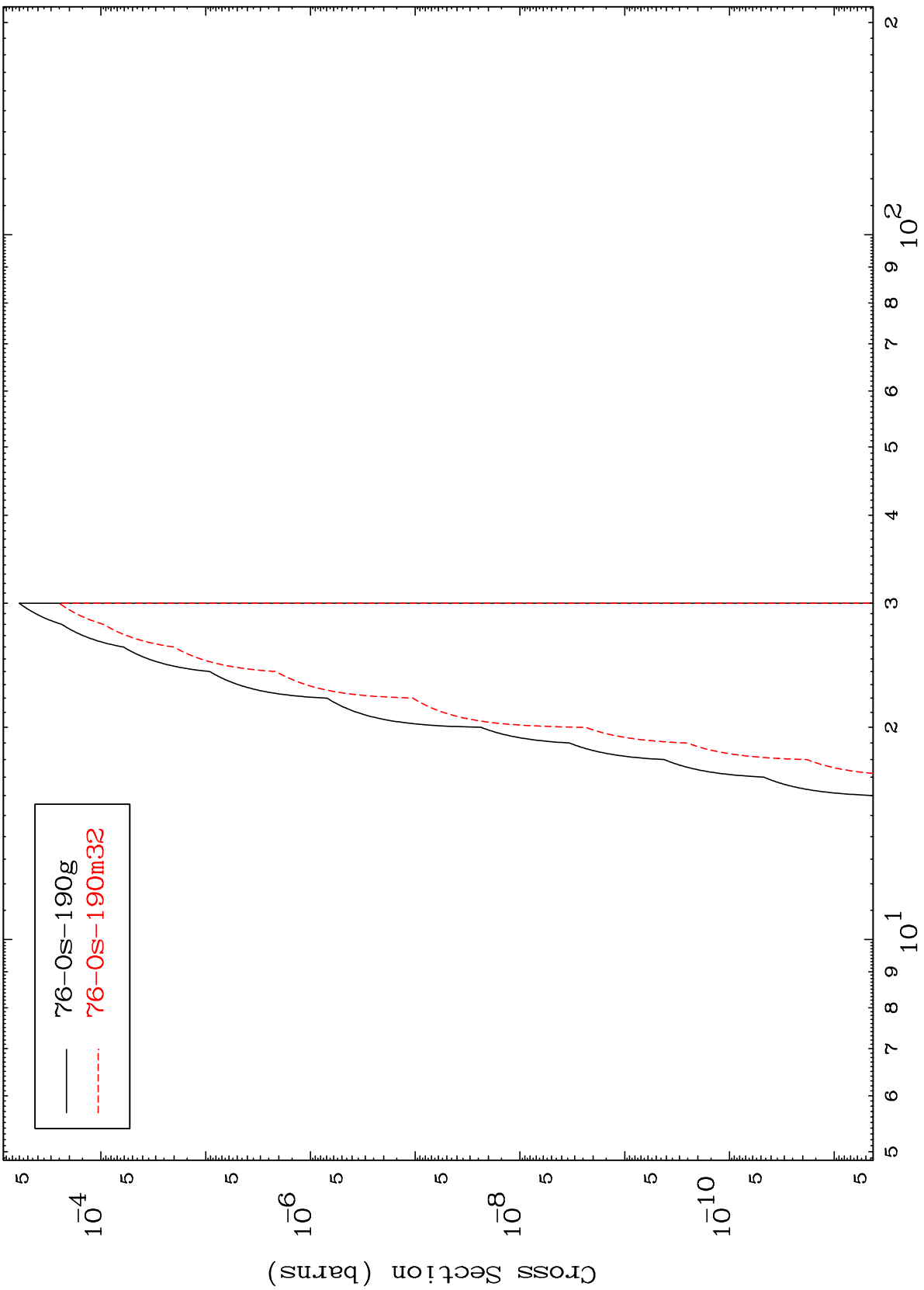


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(n,3n) α

⁷⁷Ir-194m

Radionuclide Production Cross Section



— 76-Os-190g
- - - 76-Os-190m32

17

Incident Energy (MeV)

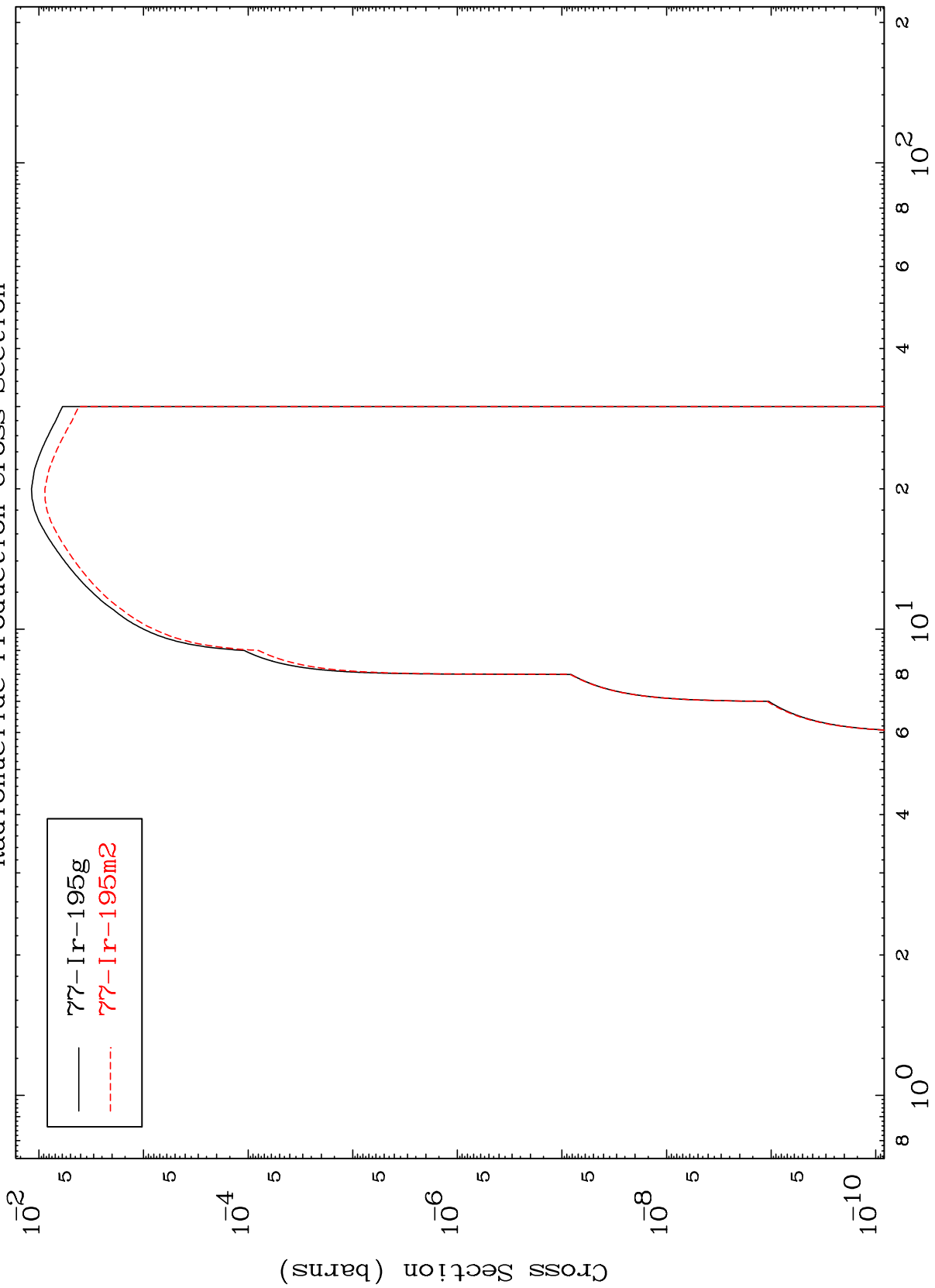
⁷⁷Ir-194m

MAT 7735

(n,n') p

⁷⁷Ir-194m

Radionuclide Production Cross Section



Legend:
— ⁷⁷Ir-195g
- - ⁷⁷Ir-195m2

Incident Energy (MeV)

⁷⁷Ir-194m

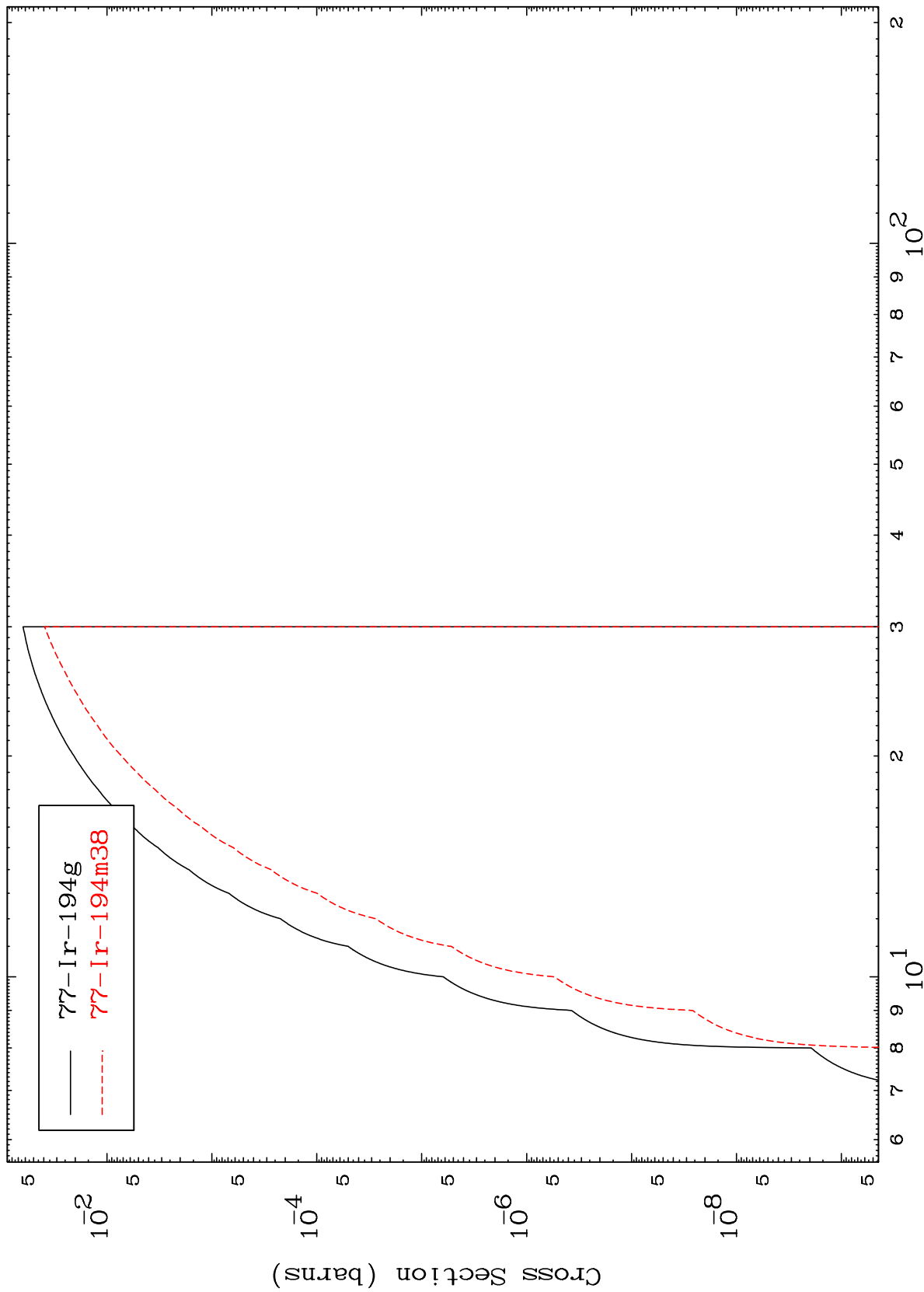
18

MAT 7735

(n,n') d

⁷⁷Ir-194m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

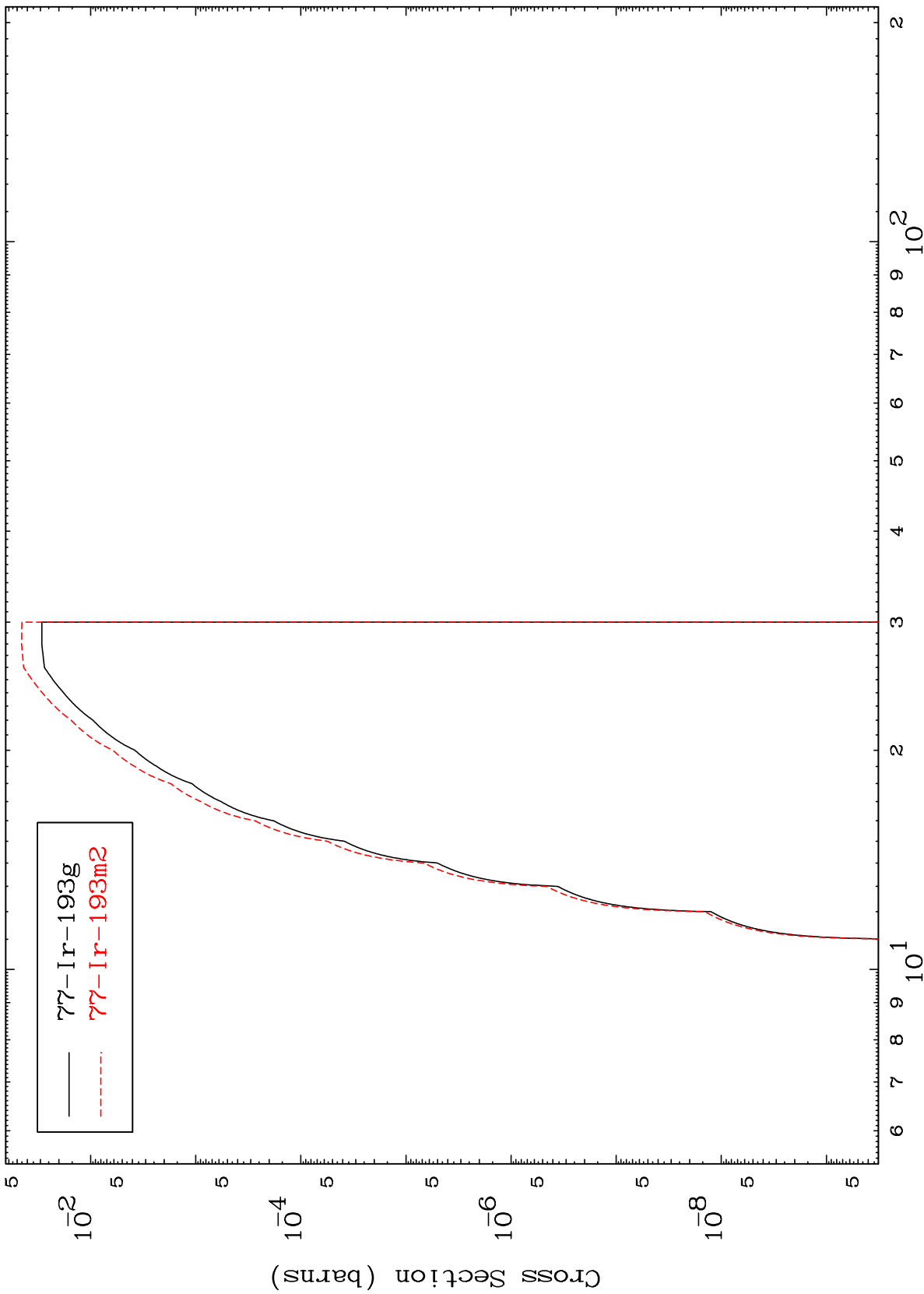
⁷⁷Ir-194m

MAT 7735

(n,n') t

⁷⁷Ir-194m

Radionuclide Production Cross Section



— ⁷⁷Ir-193g
- - - ⁷⁷Ir-193m2

20

Incident Energy (MeV)

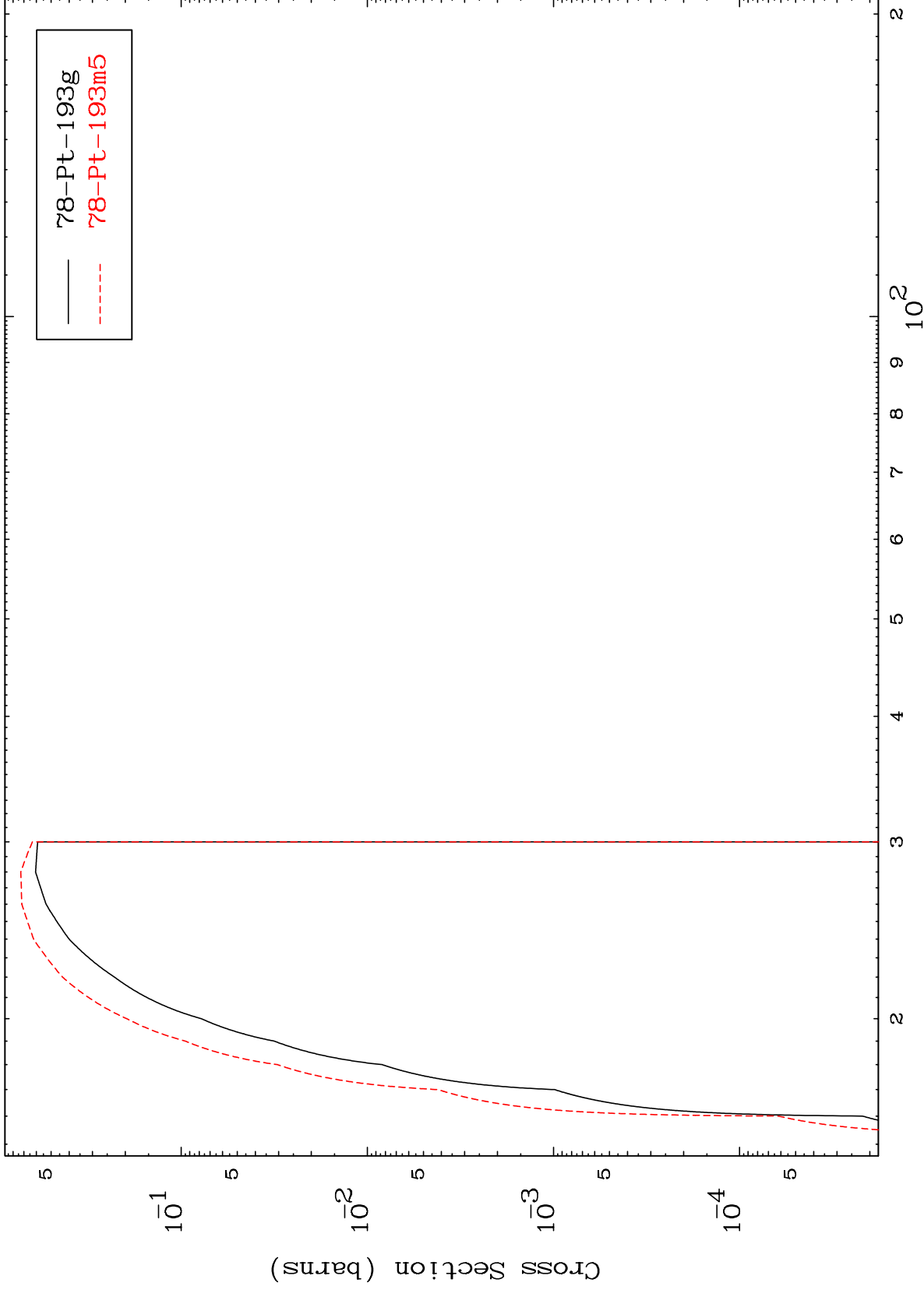
⁷⁷Ir-194m

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(n,4n)

77-Ir-194m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

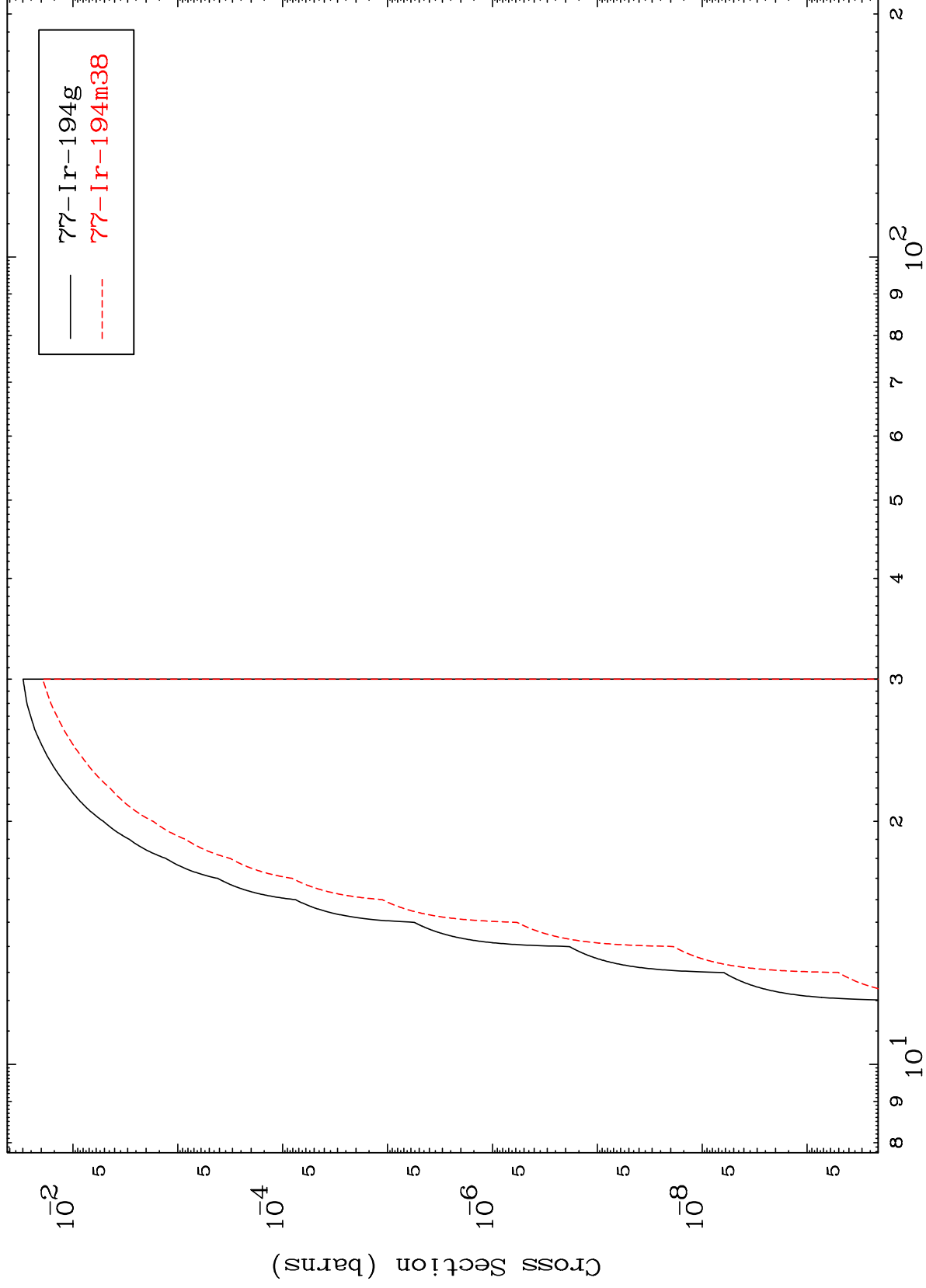
77-Ir-194m

MAT 7735

(n,2n) p

⁷⁷Ir-194m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

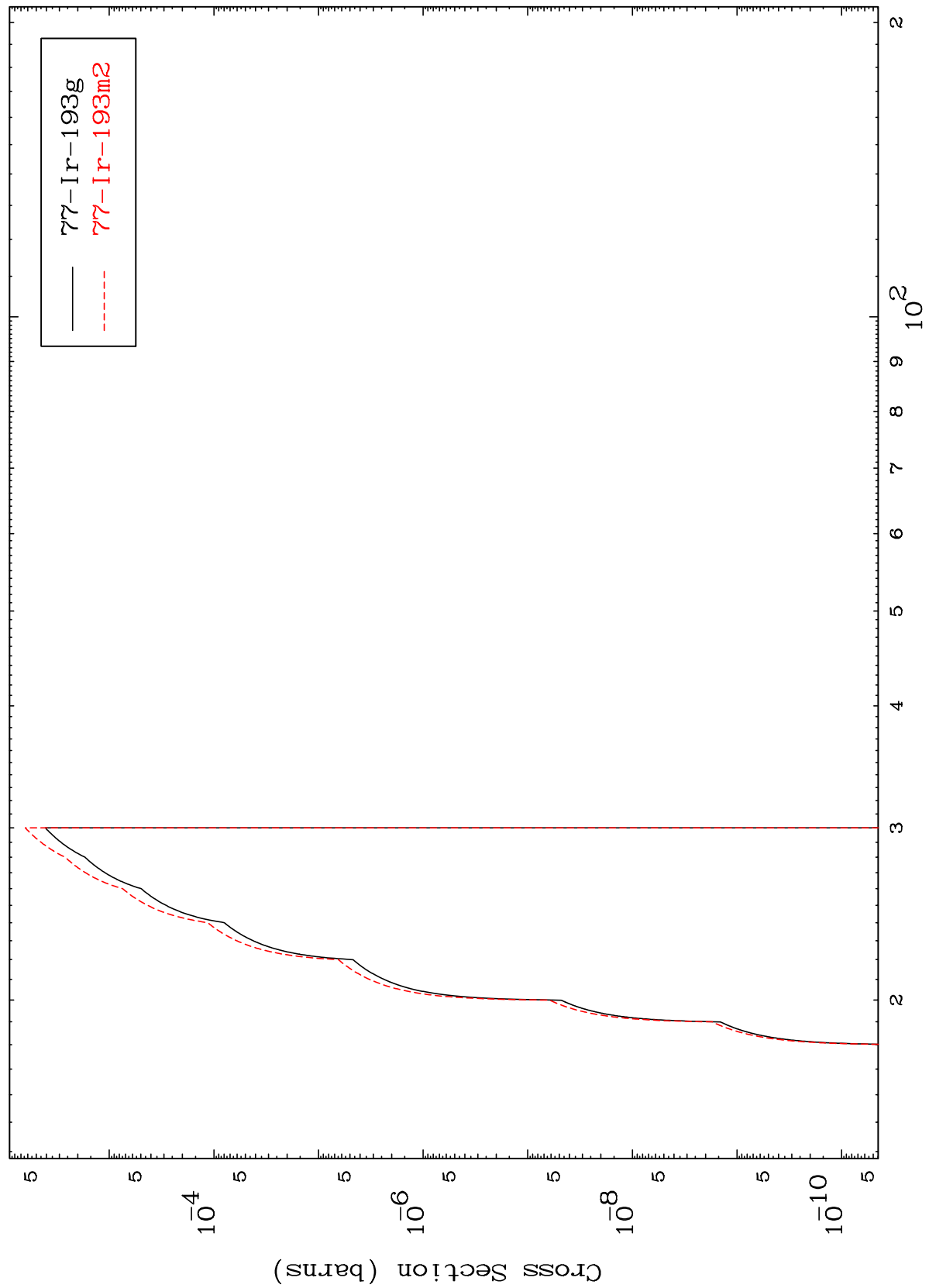
⁷⁷Ir-194m

MAT 7735

(n,3n) p

⁷⁷Ir-194m

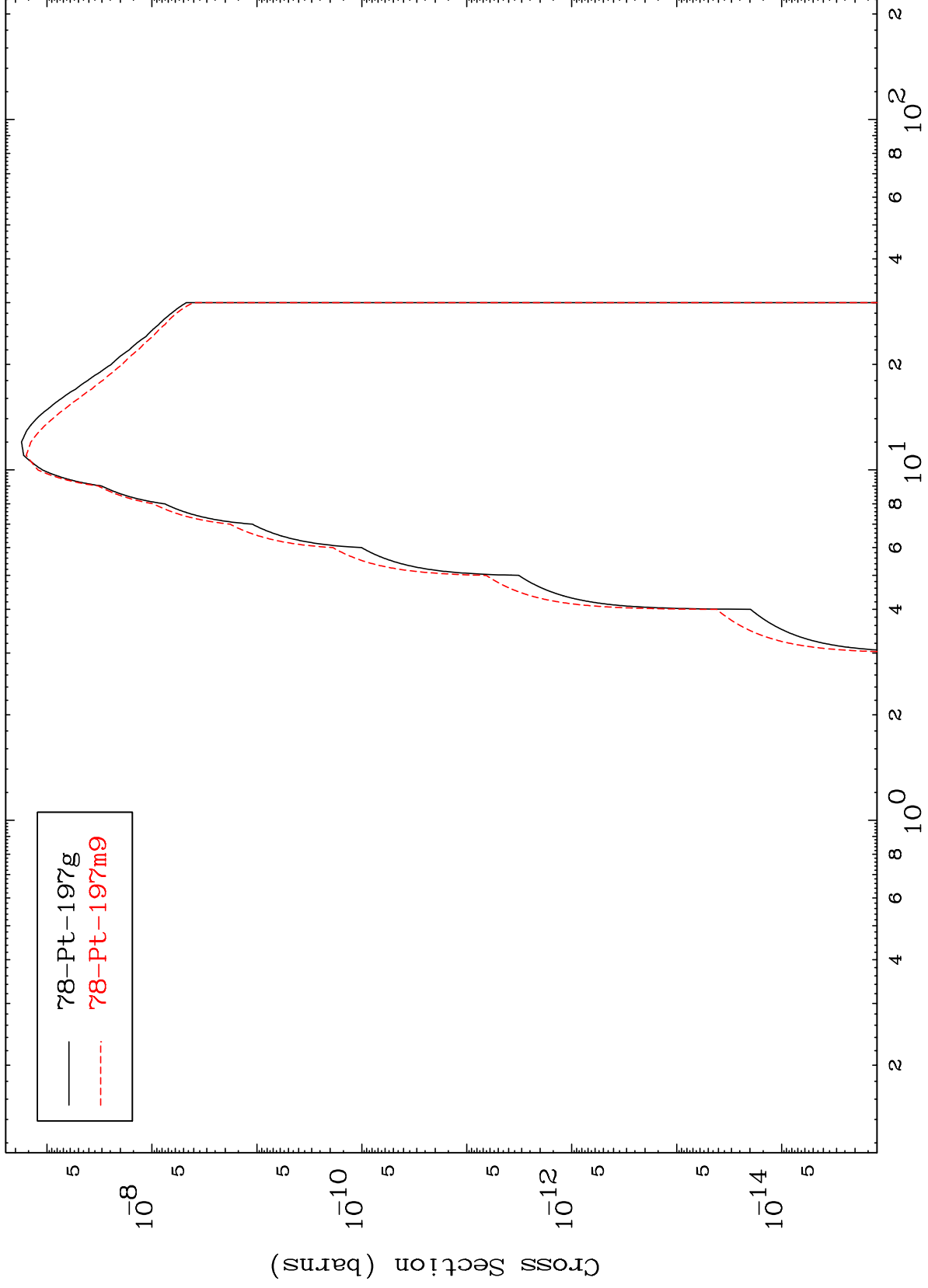
Radionuclide Production Cross Section



MAT 7735

77-Ir-194m

(n, γ)
Radionuclide Production Cross Section



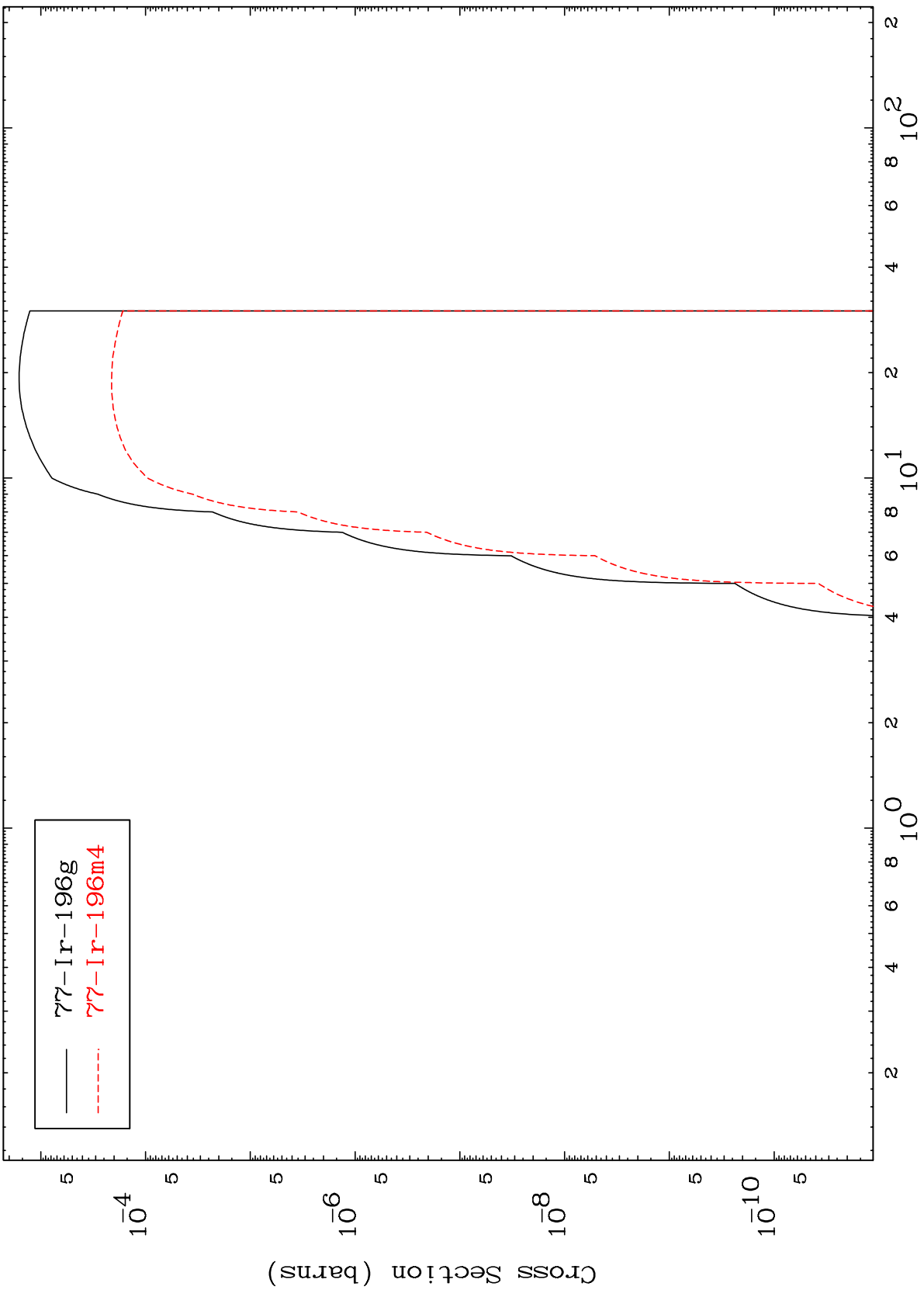
— 78-Pt-197g
- - - 78-Pt-197m9

MAT 7735

(n,p)

⁷⁷Ir-194m

Radionuclide Production Cross Section



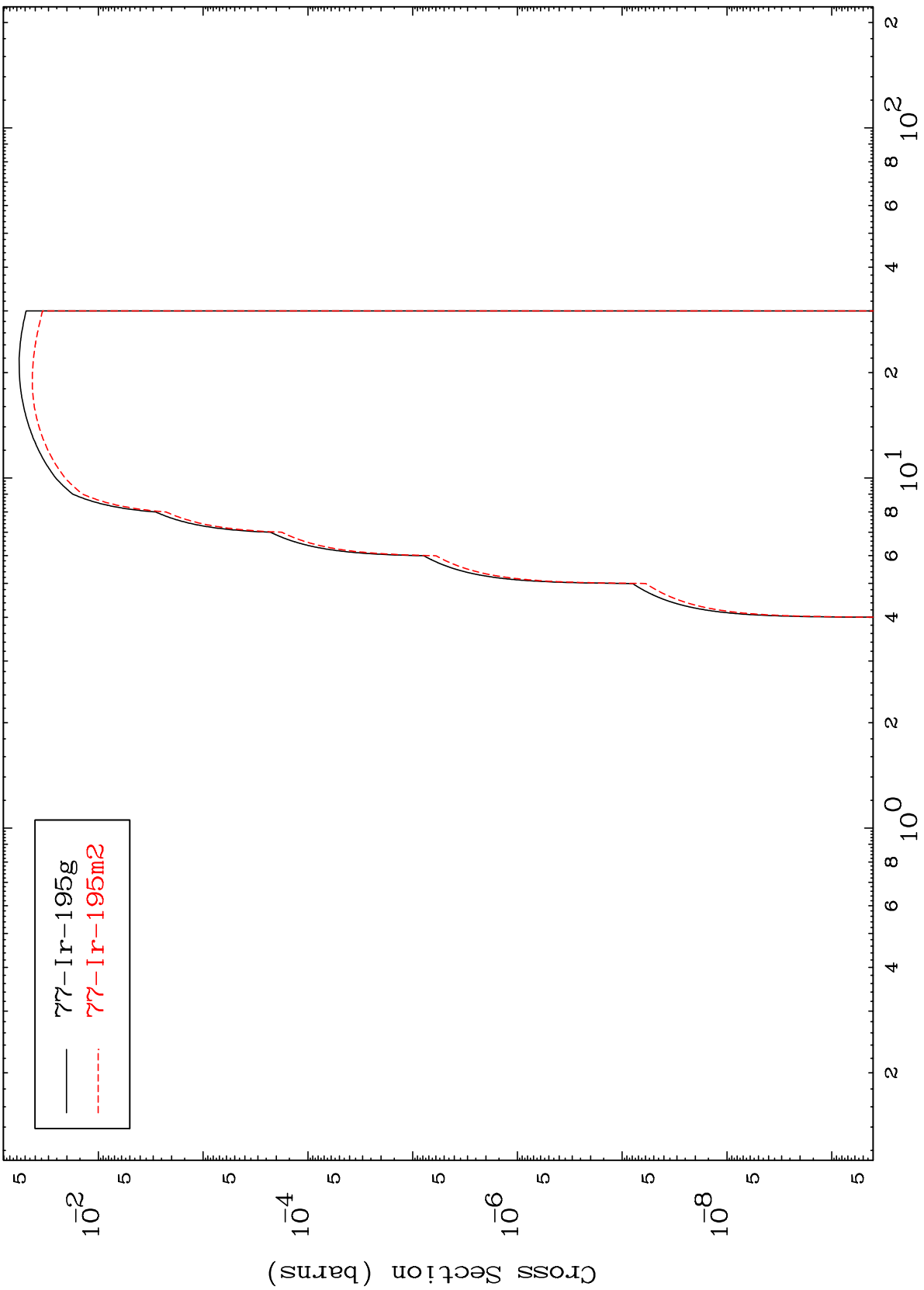
— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

MAT 7735

(n,d)

⁷⁷Ir-194m

Radionuclide Production Cross Section



— ⁷⁷Ir-195g
- - - ⁷⁷Ir-195m2

Incident Energy (MeV)

⁷⁷Ir-194m

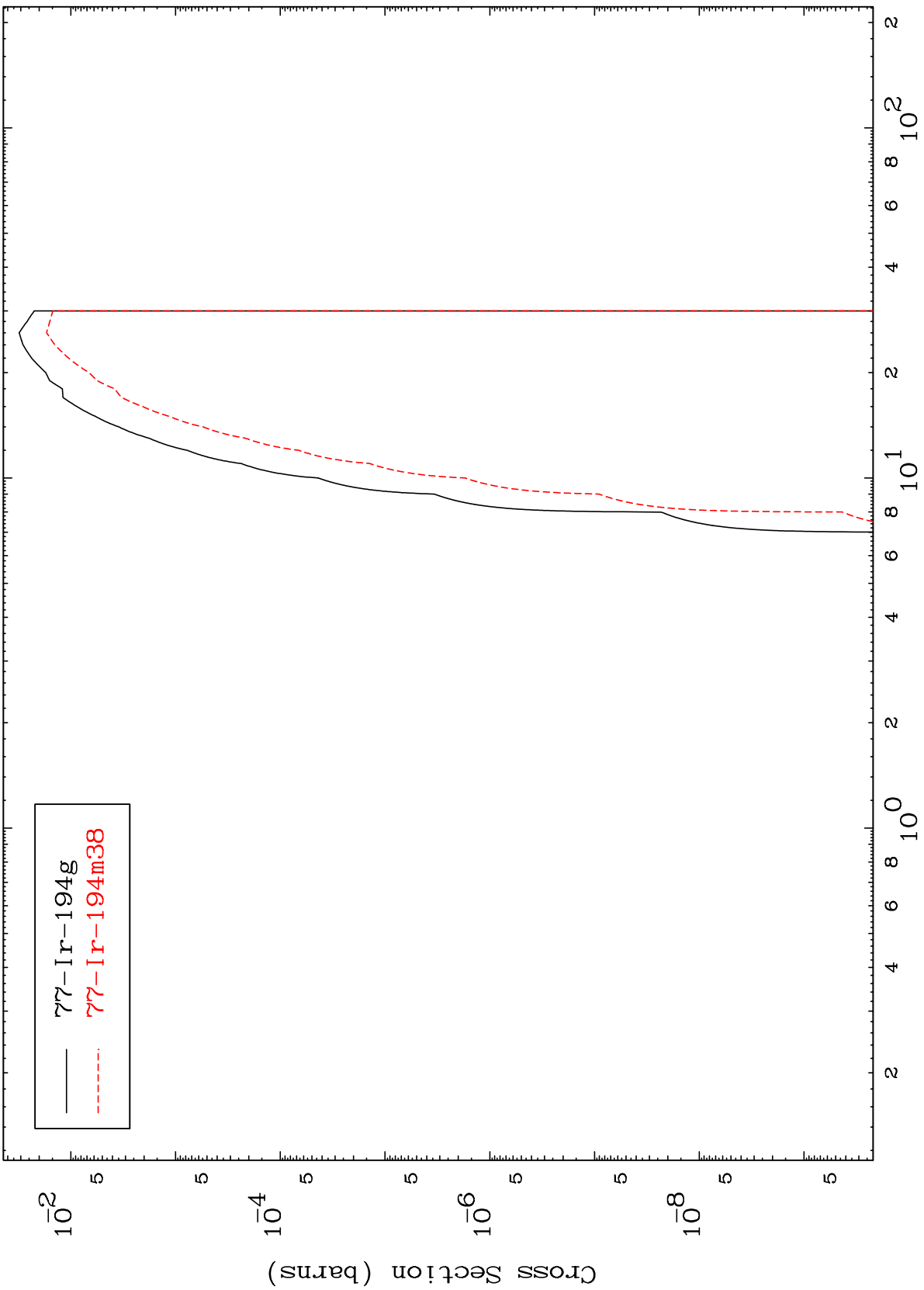
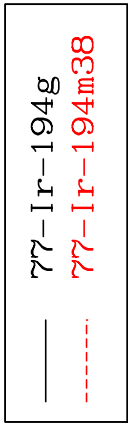
26

MAT 7735

(n, t)

⁷⁷Ir-194m

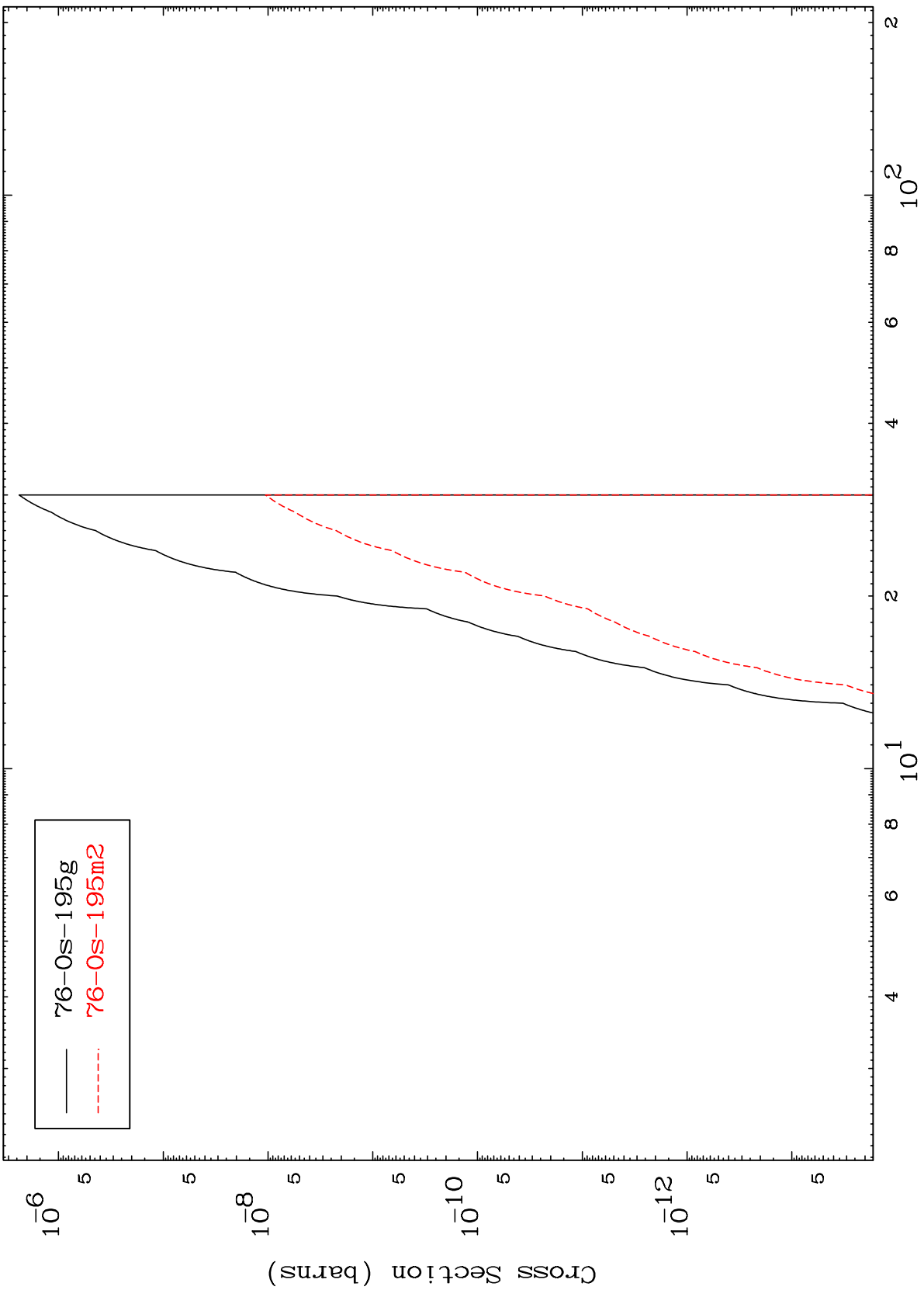
Radionuclide Production Cross Section



MAT 7735

⁷⁷Ir-194m

(n,2p)
Radionuclide Production Cross Section



— 76-0s-195g
- - - 76-0s-195m2

Incident Energy (MeV)

⁷⁷Ir-194m

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(n,p) α

77-Ir-194m

Radionuclide Production Cross Section

