

Program EVALPLOT
(Version 2021-1)

by

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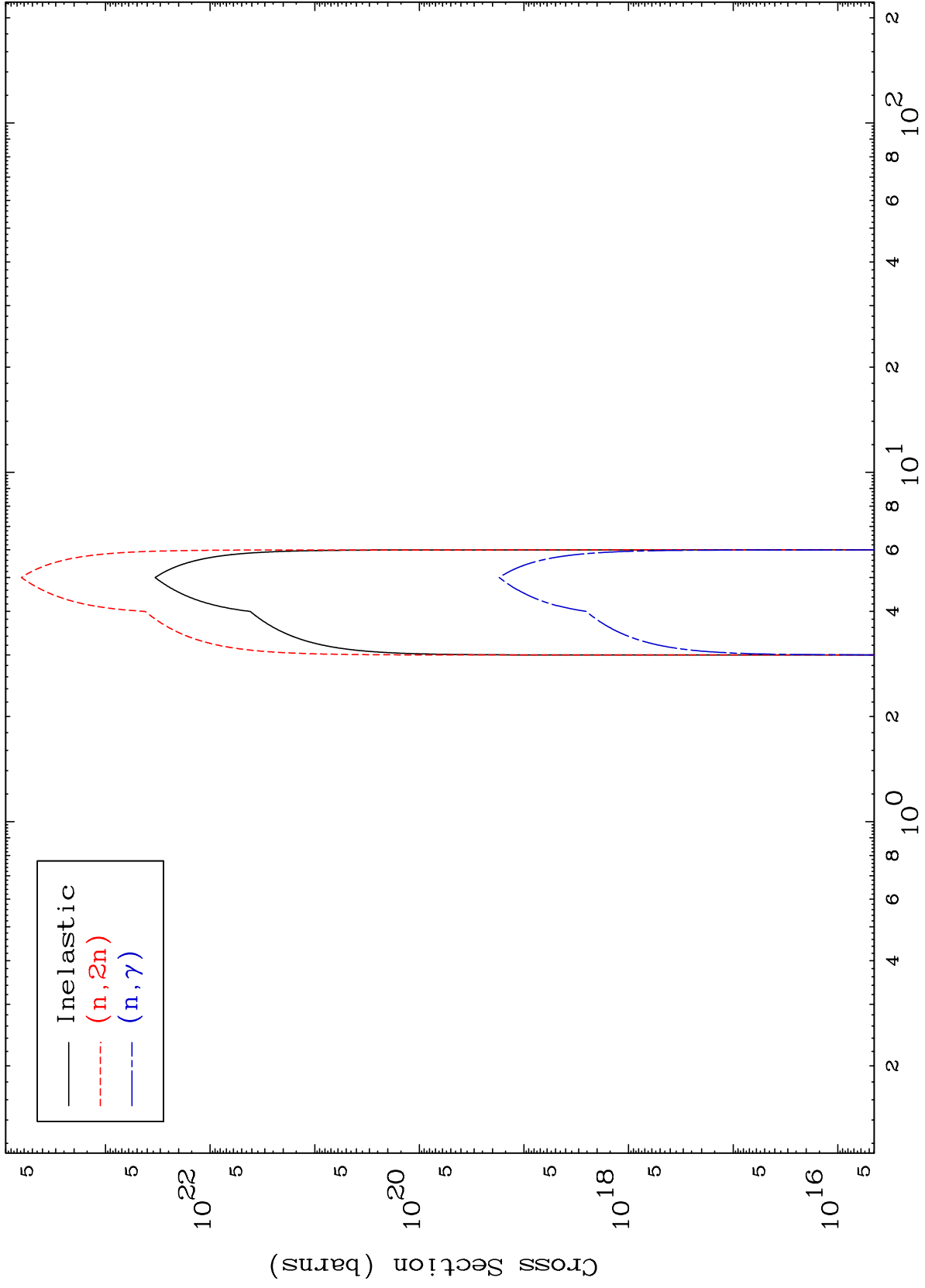
Press Mouse Button to Start

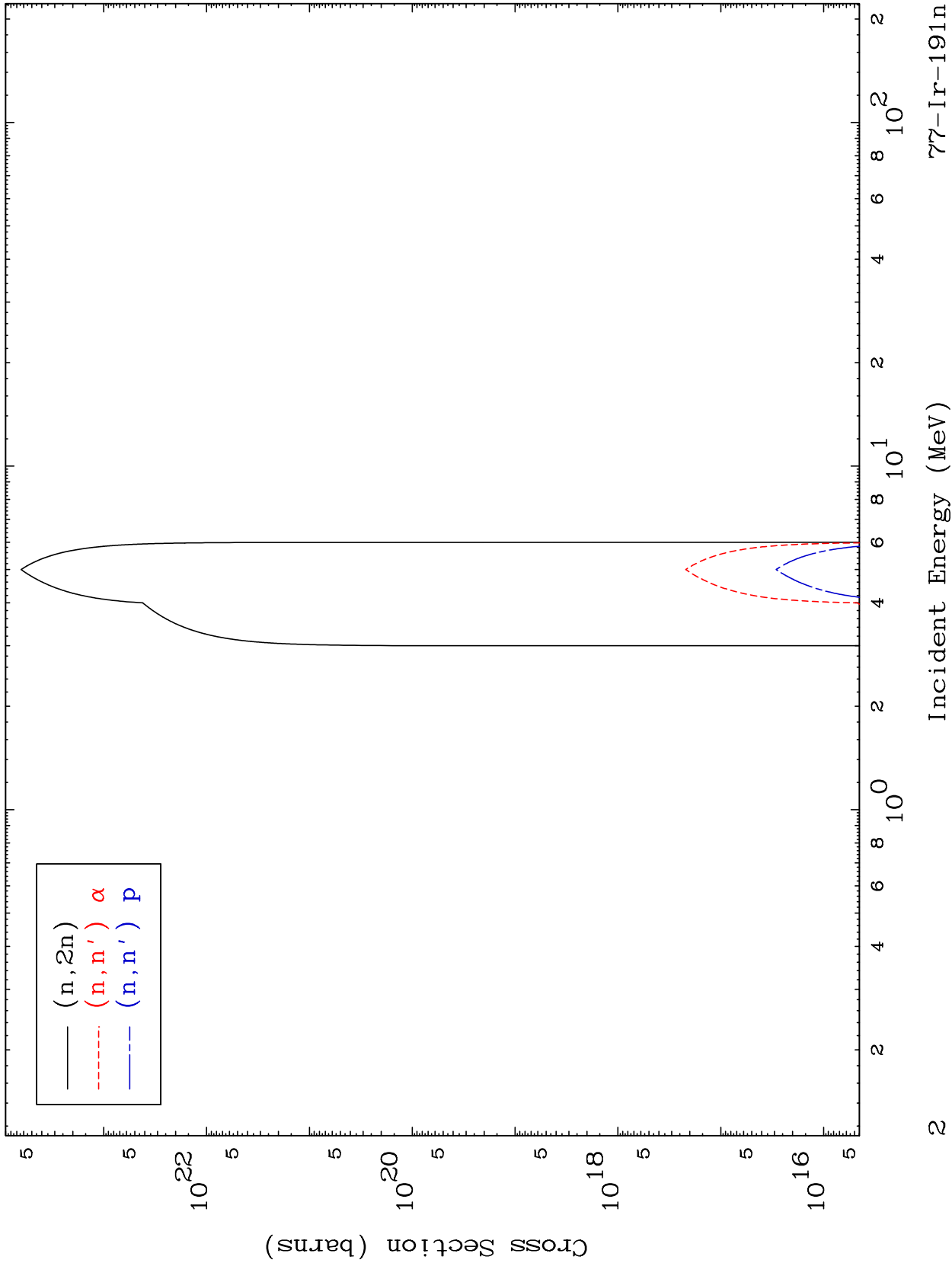
MAT 7727

Triton Major

77-Ir-191n

0 Kelvin Cross Sections

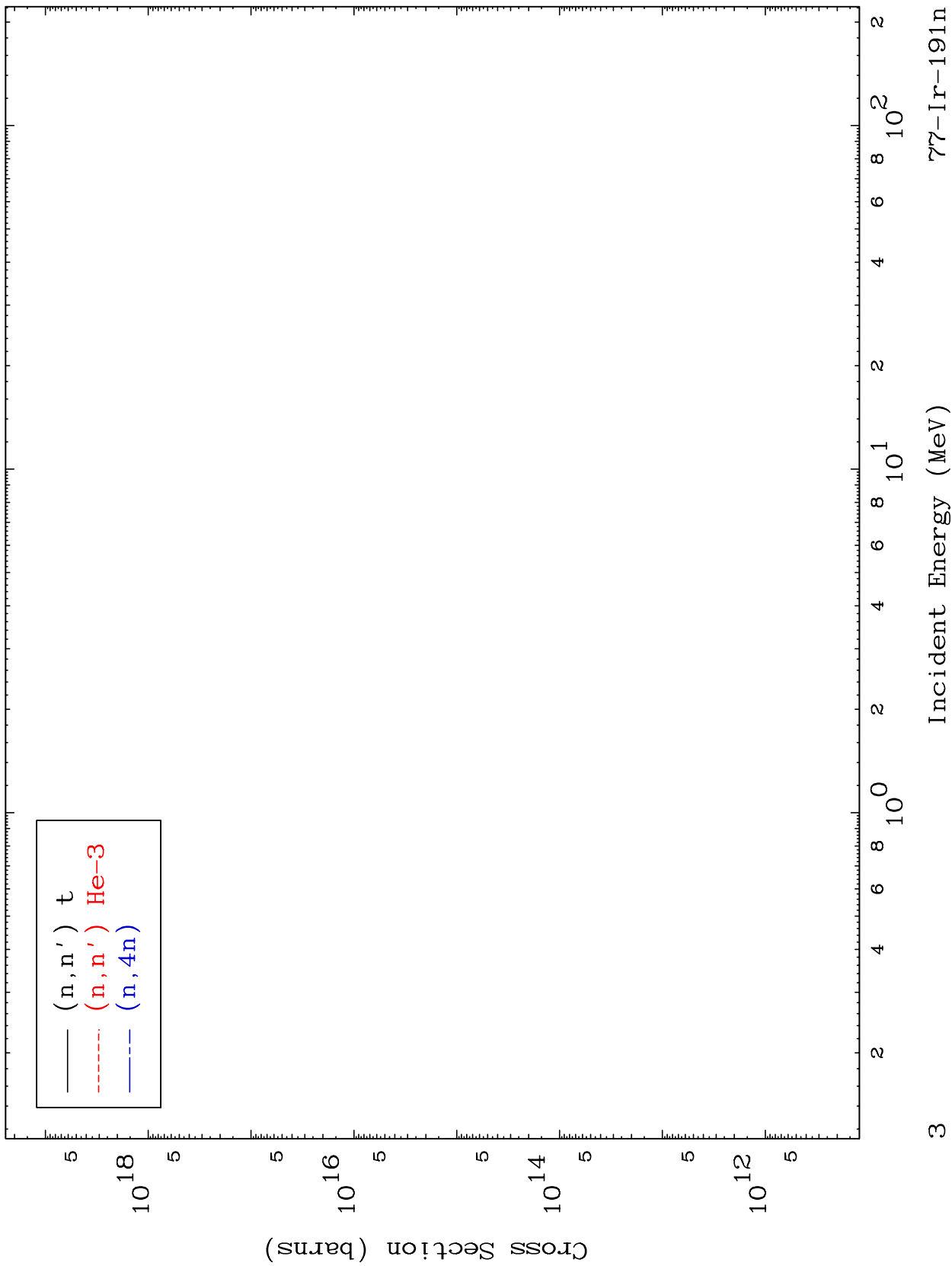




MAT 7727

Triton Neutron Absorption
0 Kelvin Cross Sections

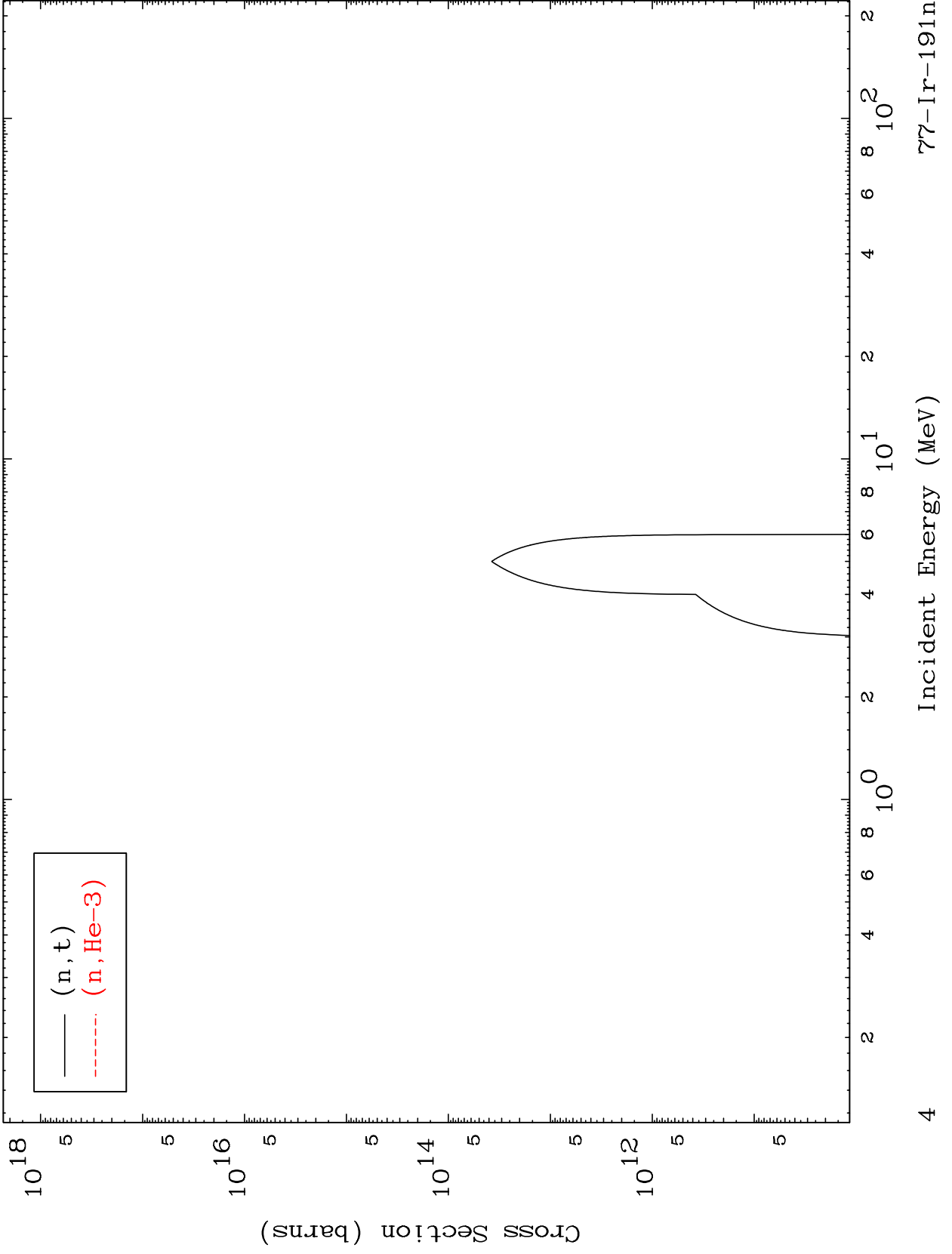
77-Ir-191n

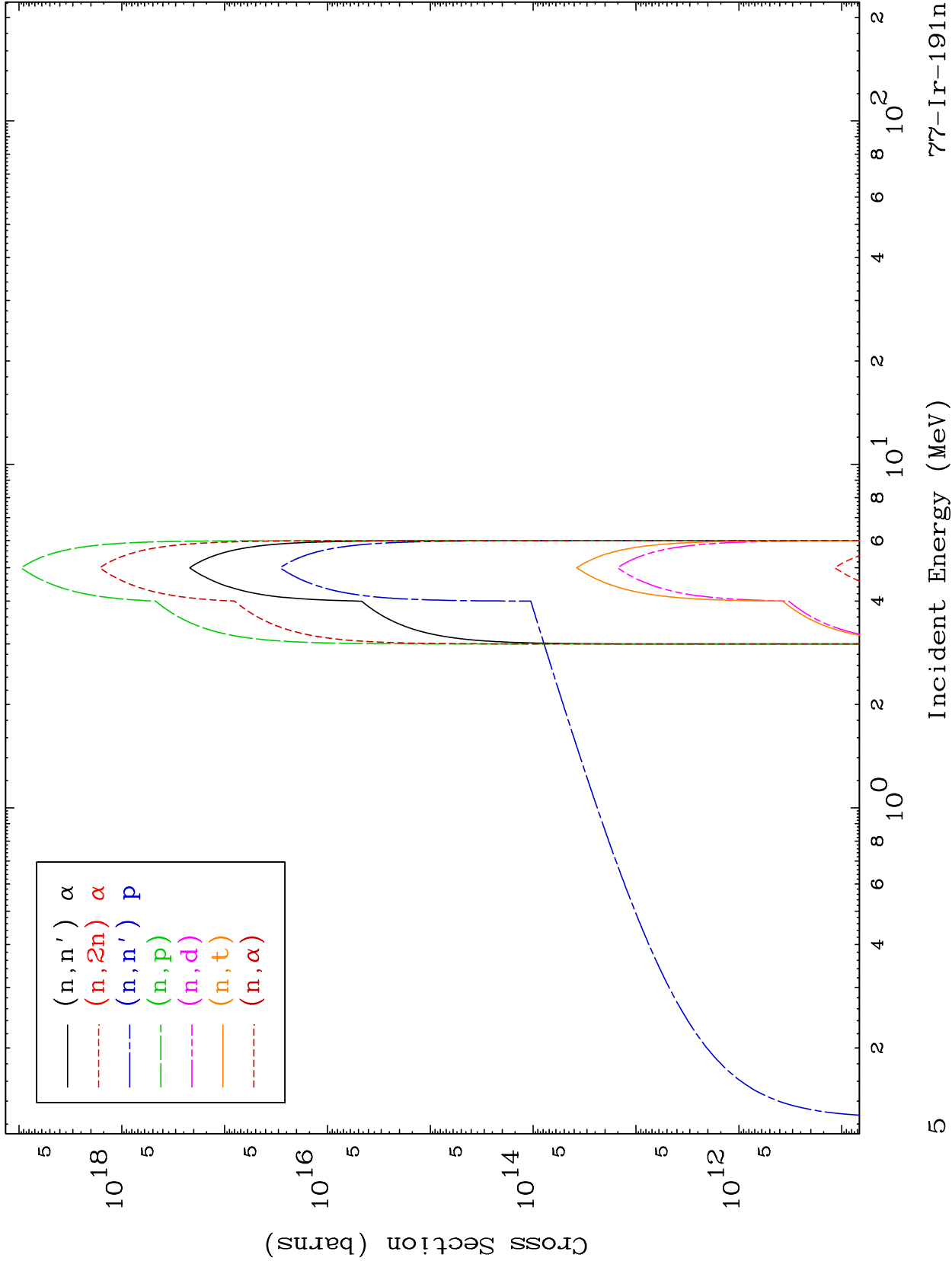


MAT 7727

Triton Neutron Absorption
0 Kelvin Cross Sections

77-Ir-191n



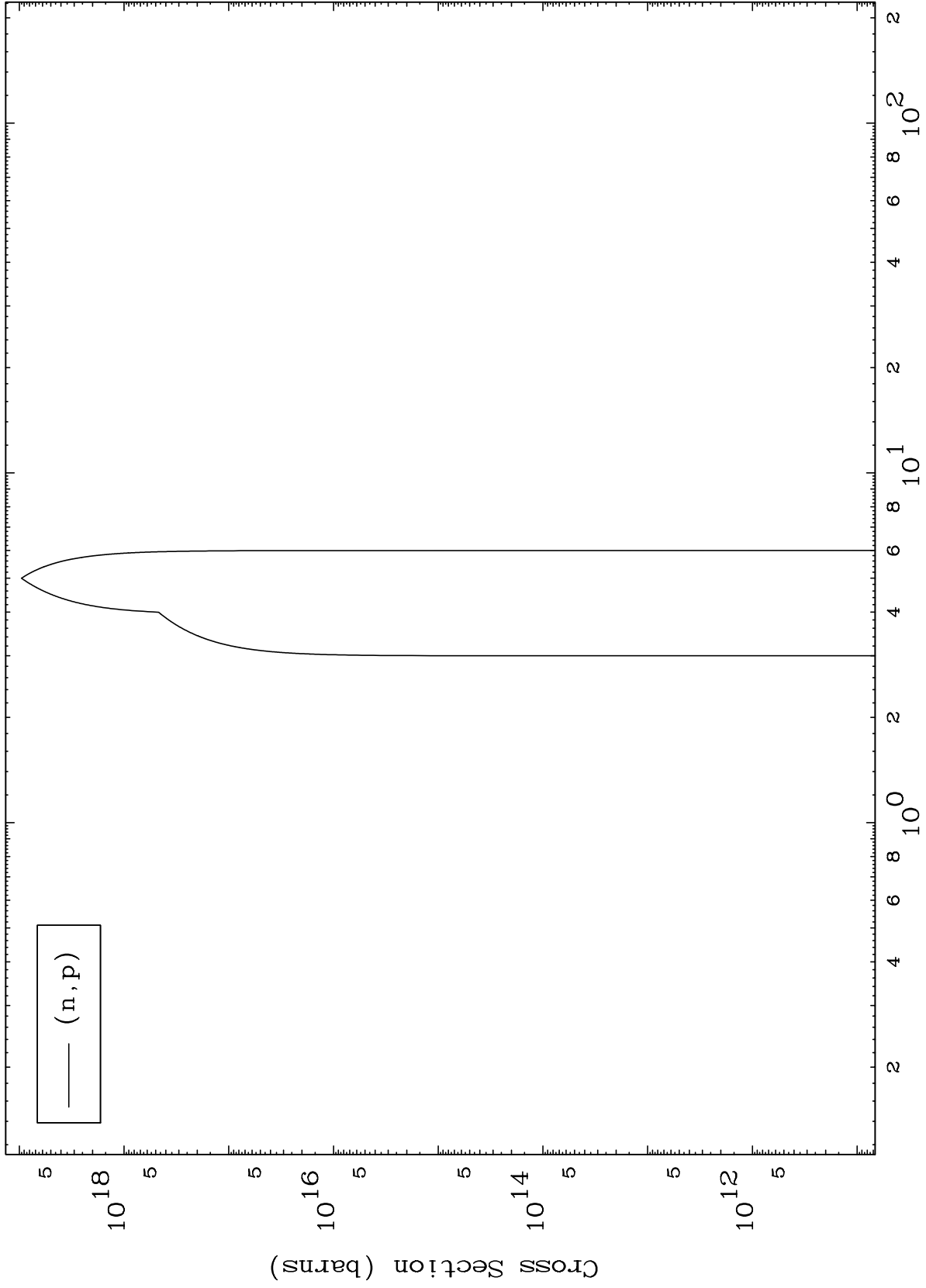


MAT 7727

(t,p) Levels

⁷⁷Ir-191n

0 Kelvin Cross Sections

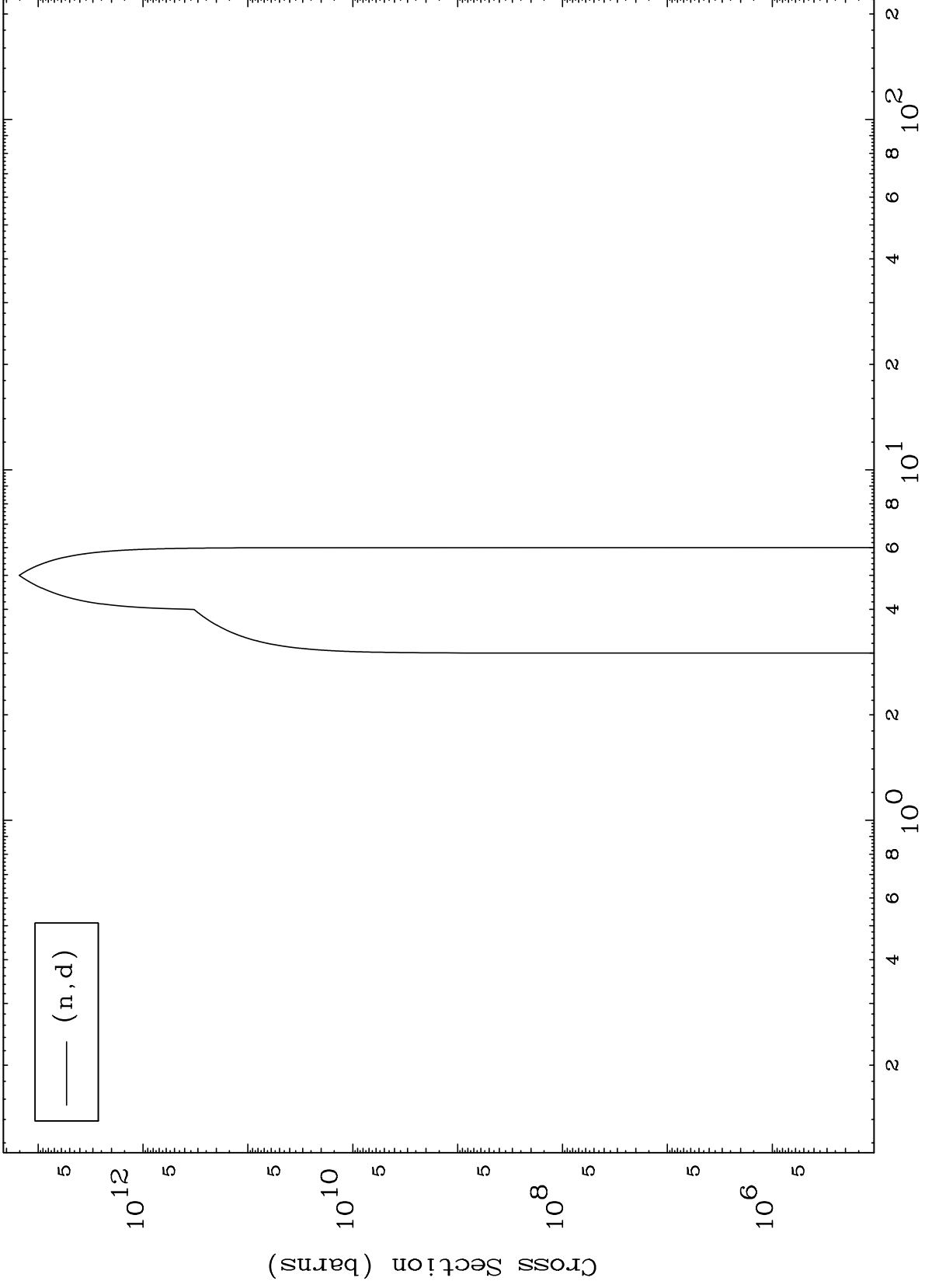


MAT 7727

(t,d) Levels

⁷⁷Ir-191n

0 Kelvin Cross Sections

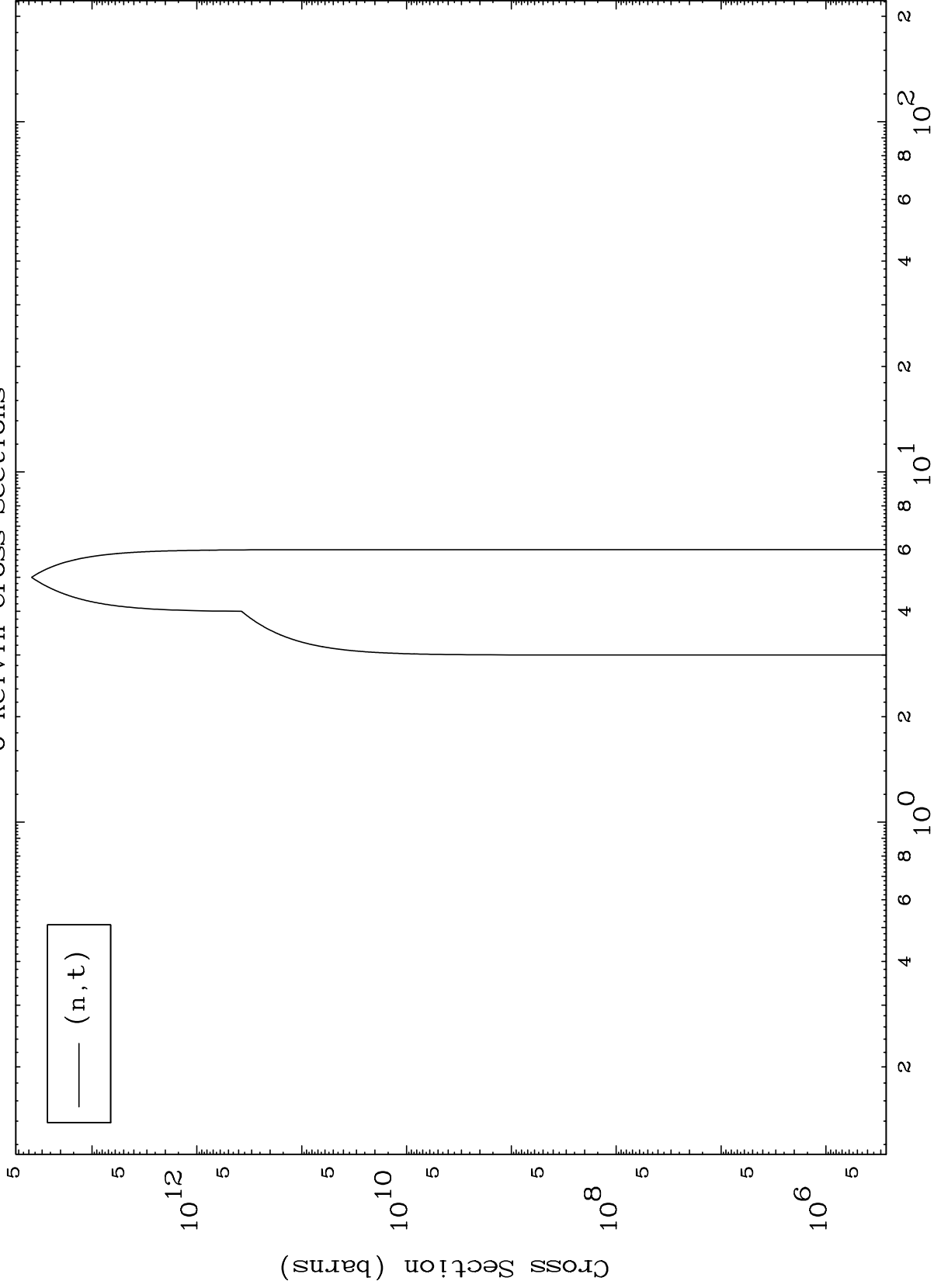


MAT 7727

(t, t) Levels

⁷⁷Ir-191n

0 Kelvin Cross Sections

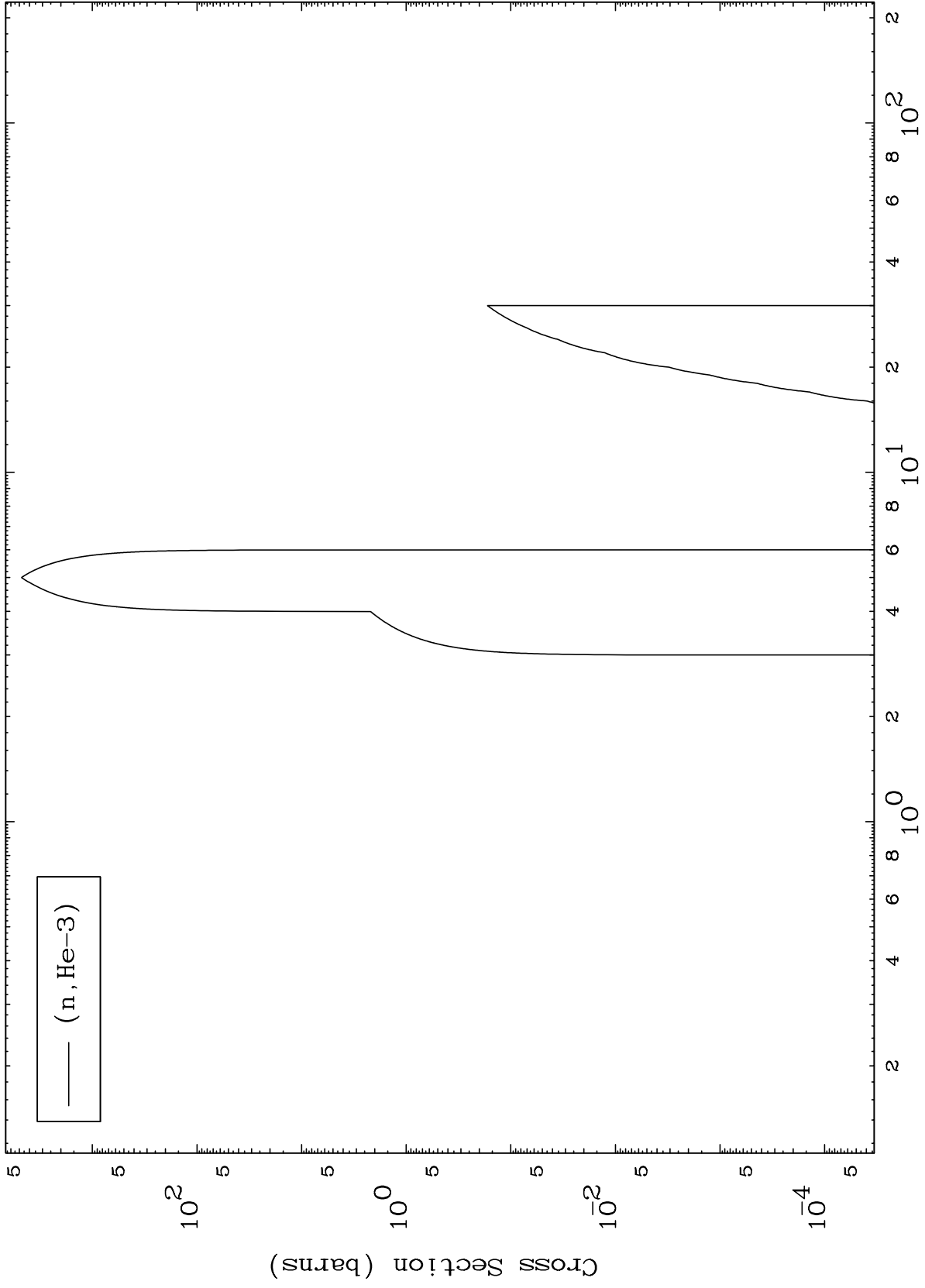


MAT 7727

(t, He3) Levels

77-Ir-191n

0 Kelvin Cross Sections

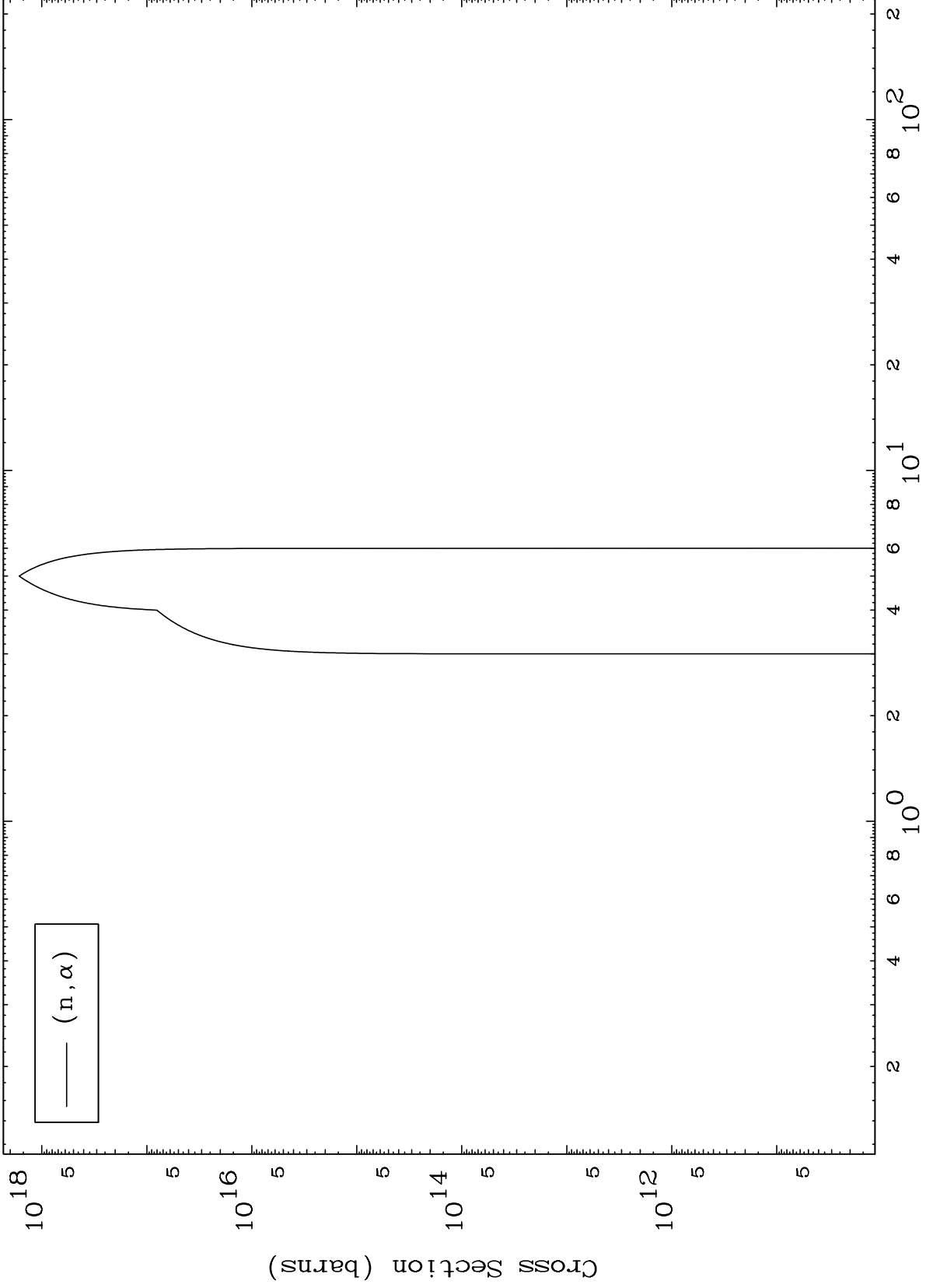


MAT 7727

(t, α) Levels

⁷⁷Ir-191n

0 Kelvin Cross Sections



10

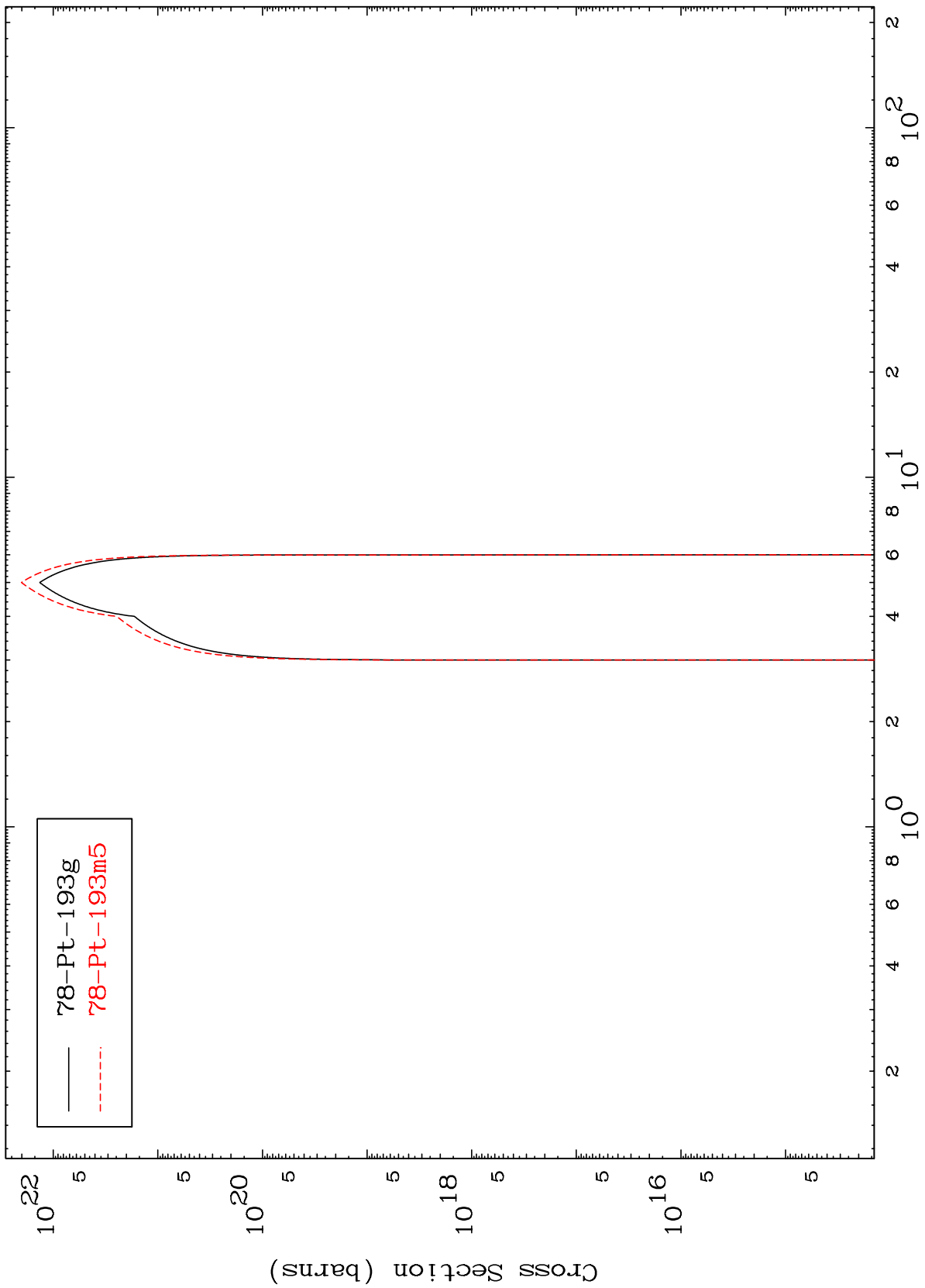
Incident Energy (MeV)

⁷⁷Ir-191n

MAT 7727

77-Ir-191n

Inelastic
Radionuclide Production Cross Section



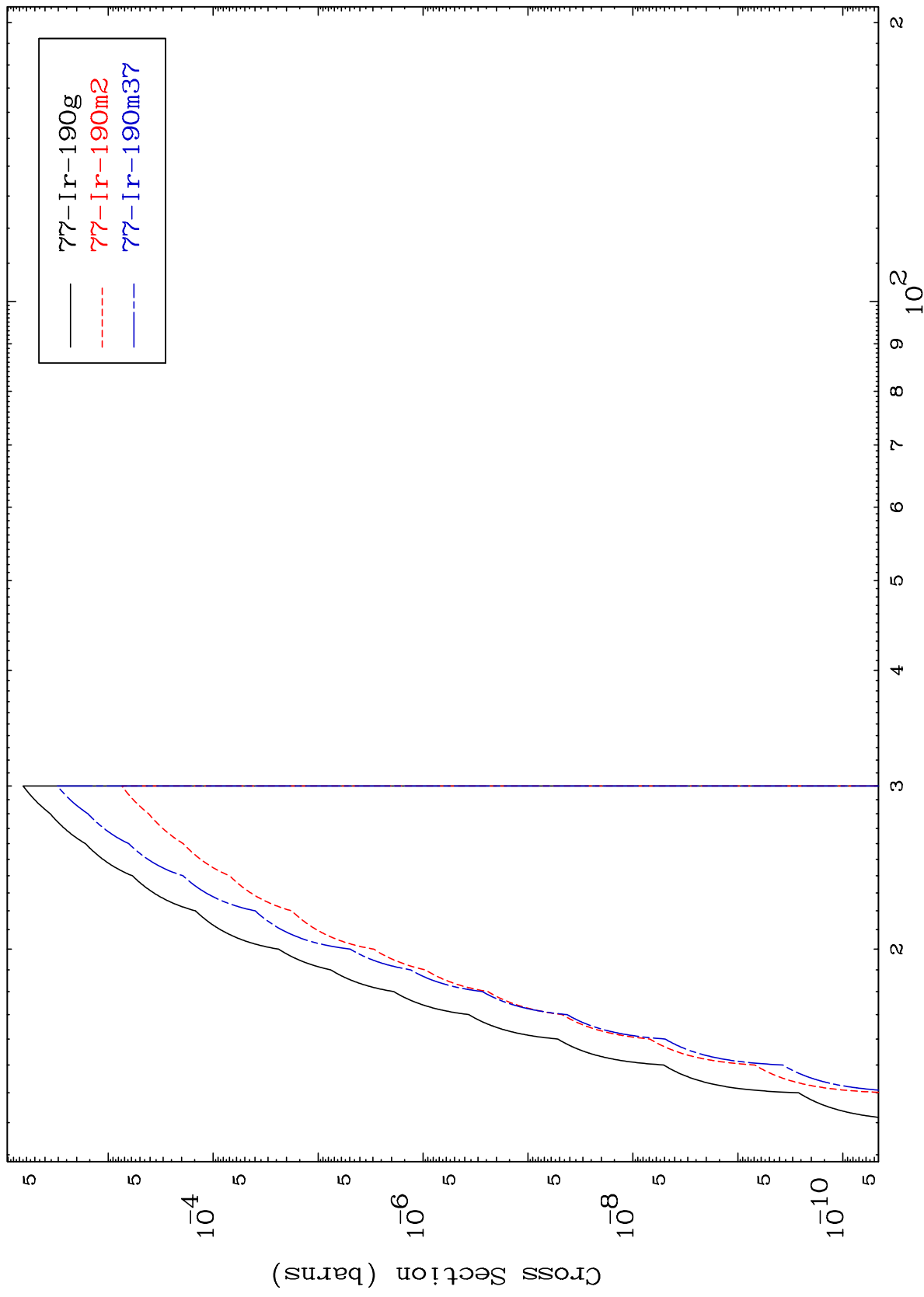
78-Pt-193g
78-Pt-193m5

MAT 7727

(n,2n) d

⁷⁷Ir-191n

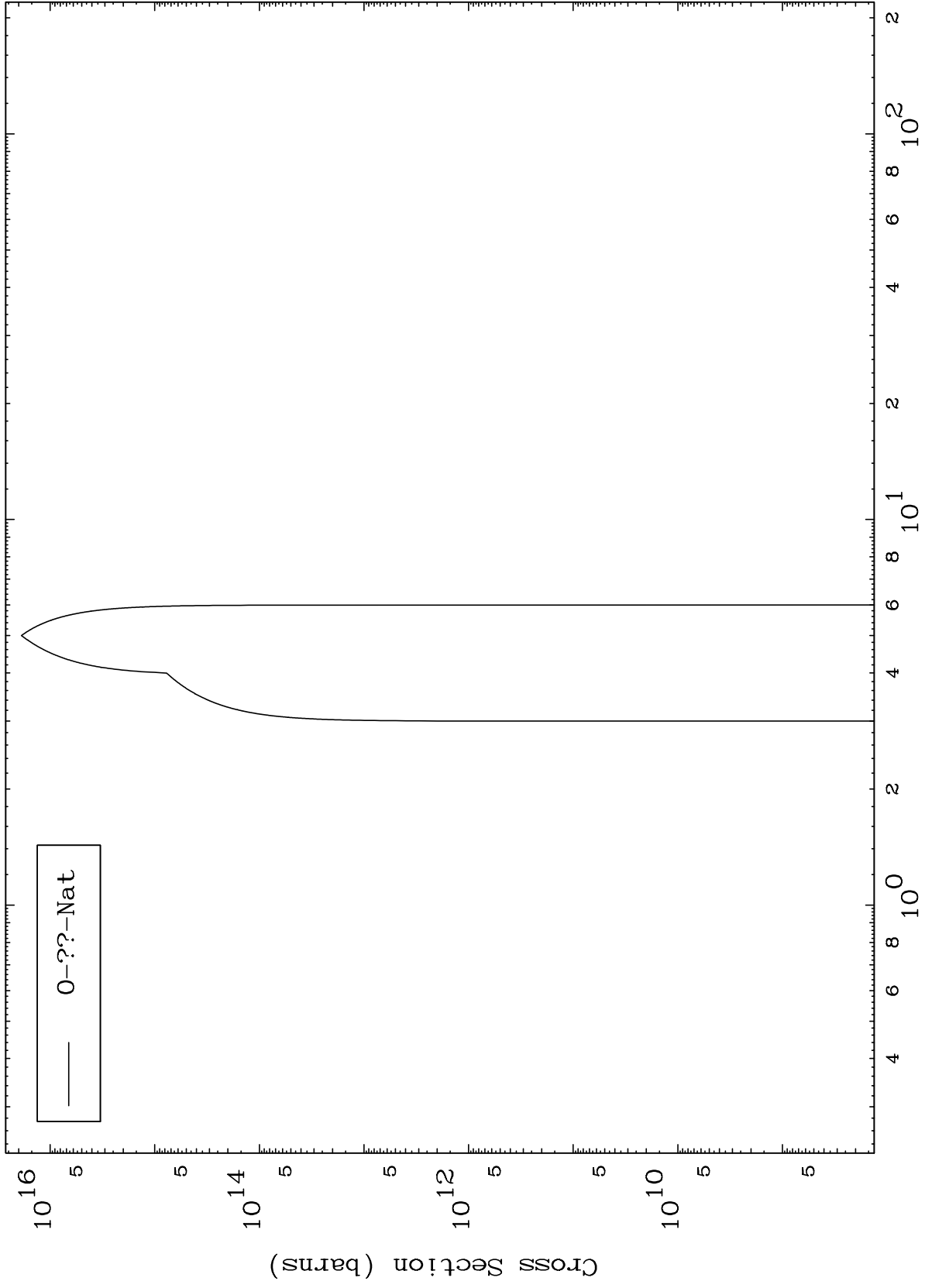
Radionuclide Production Cross Section



MAT 7727

⁷⁷Ir-191n

Fission
Radionuclide Production Cross Section

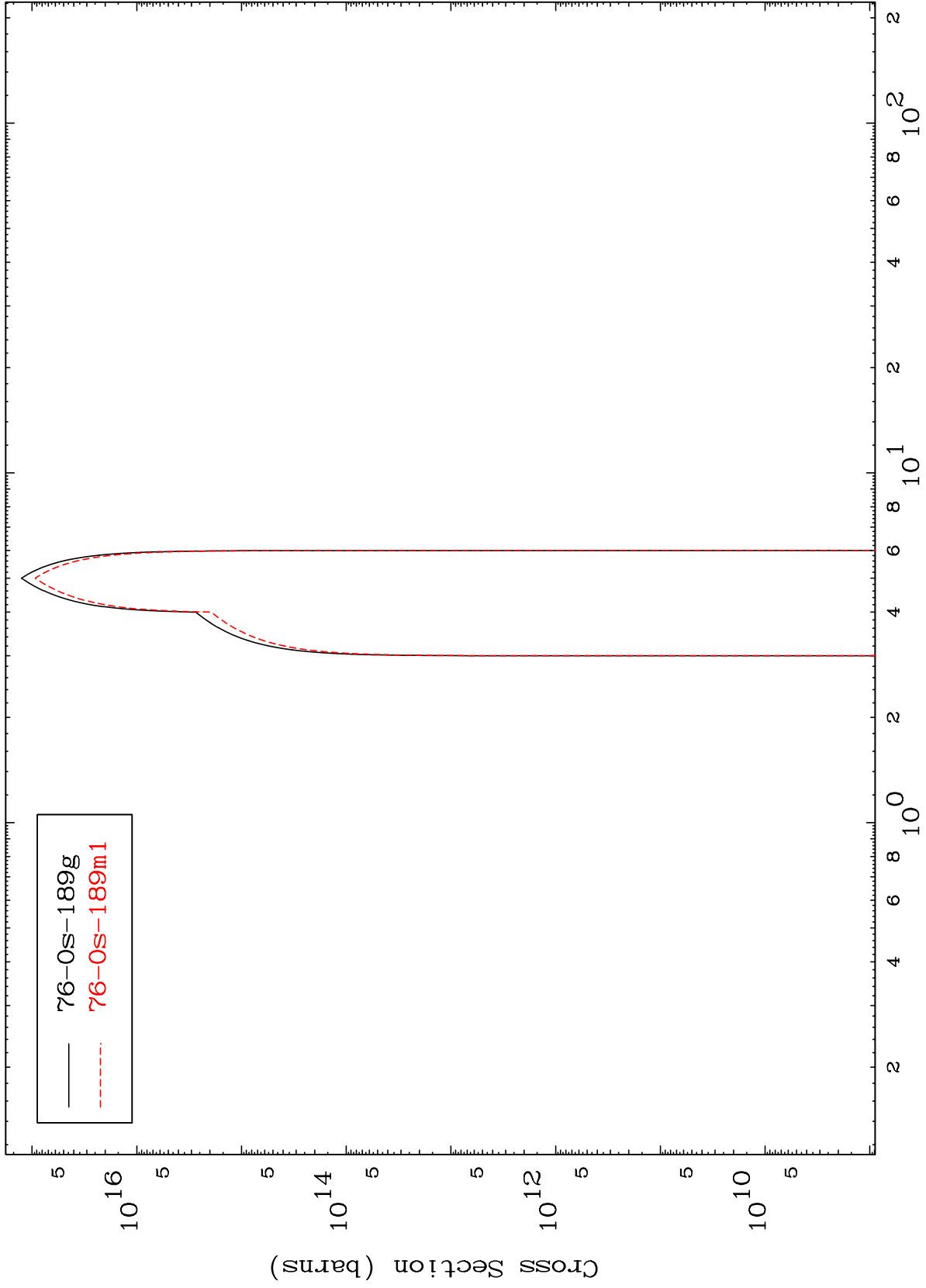


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$(n, n') \alpha$

$^{77}\text{Ir-191n}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

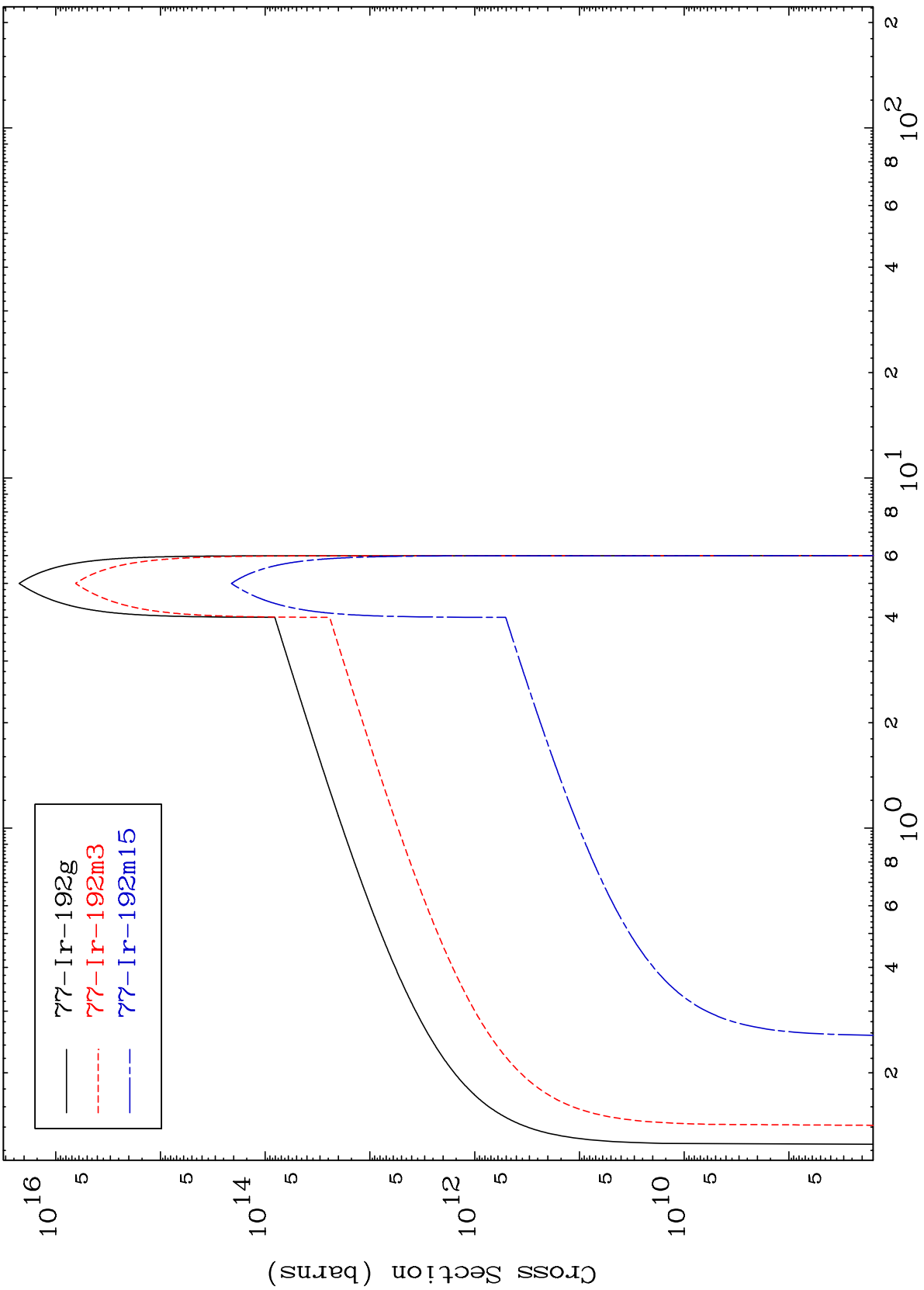
$^{77}\text{Ir-191n}$

MAT 7727

(n,n') p

⁷⁷Ir-191n

Radionuclide Production Cross Section



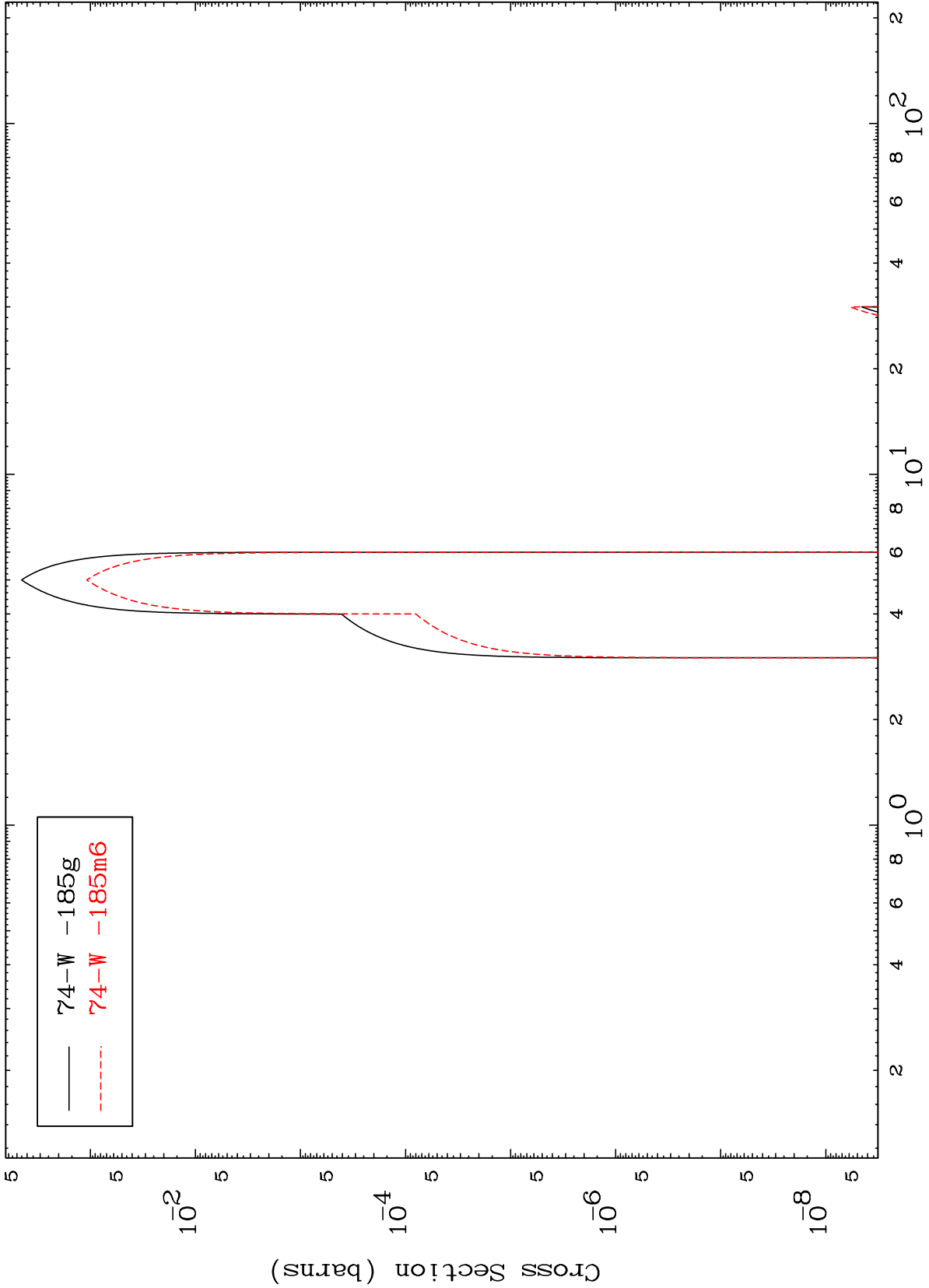
Legend:
— ⁷⁷Ir-192g
- - ⁷⁷Ir-192m3
- · - ⁷⁷Ir-192m15

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(n,n') 2 α

77-Ir-191n

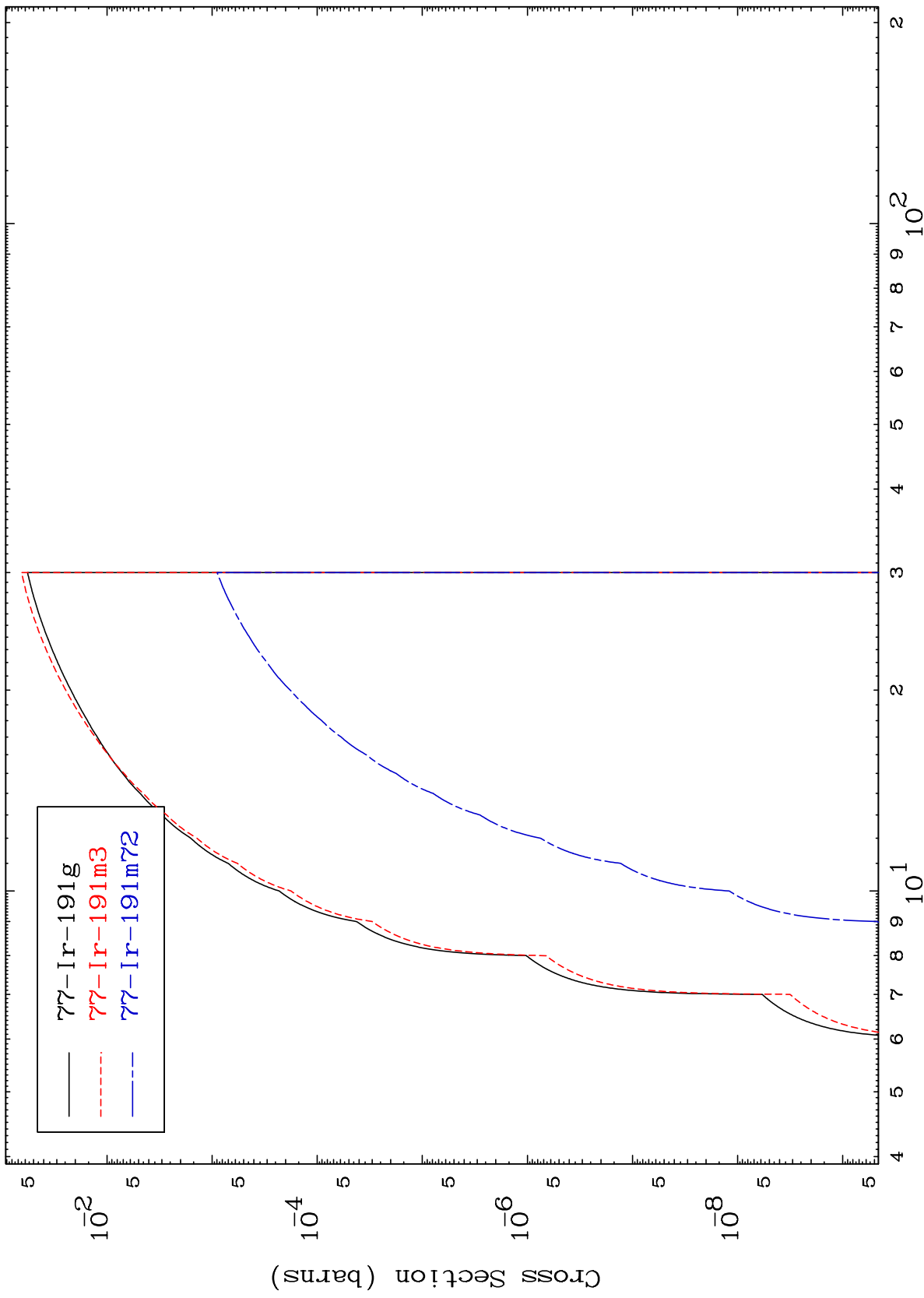
Radionuclide Production Cross Section



MAT 7727

⁷⁷Ir-191n

(n,n') d
Radionuclide Production Cross Section



⁷⁷Ir-191n

Incident Energy (MeV)

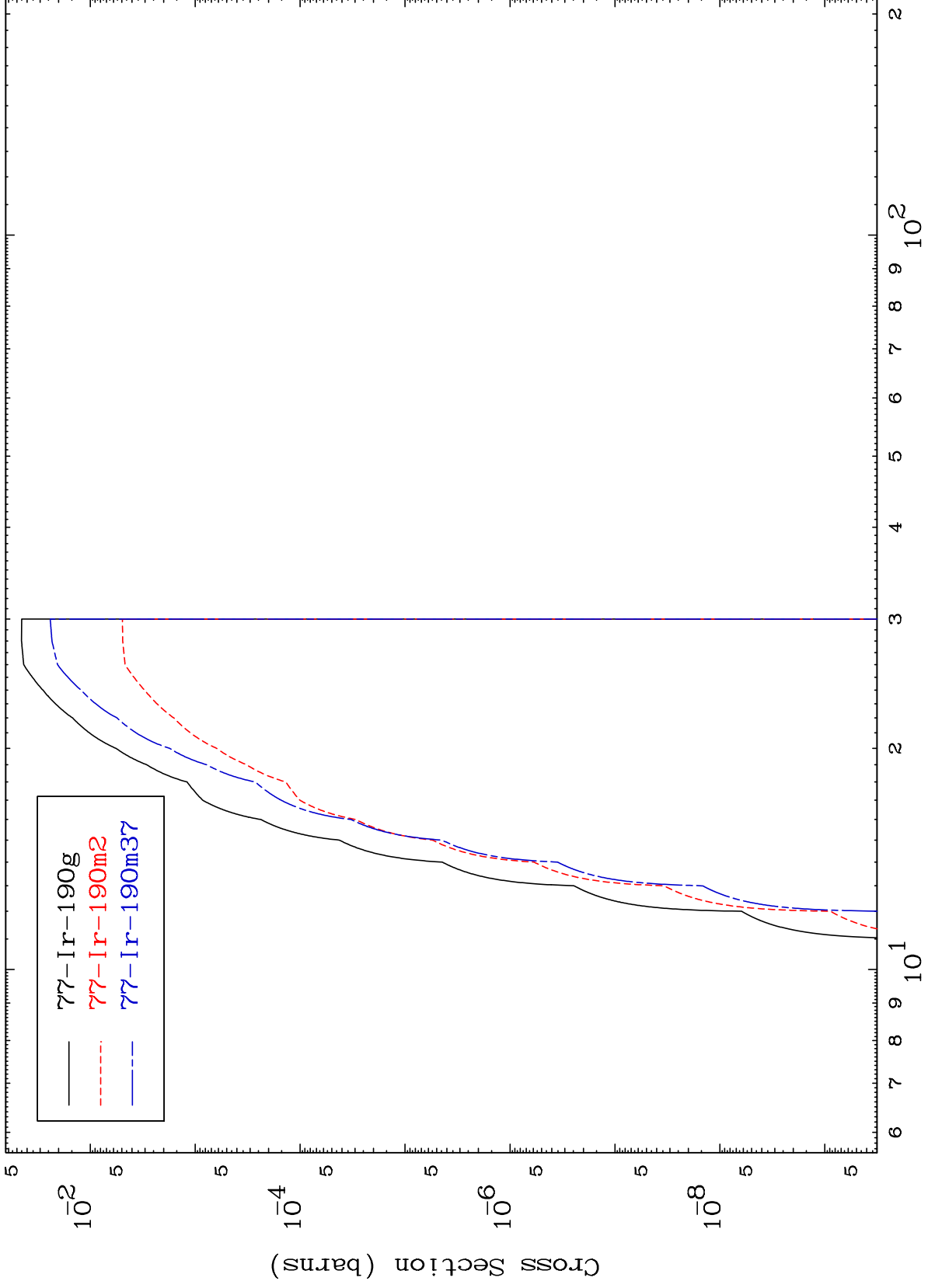
17

MAT 7727

(n,n') t

⁷⁷Ir-191n

Radionuclide Production Cross Section



18

Incident Energy (MeV)

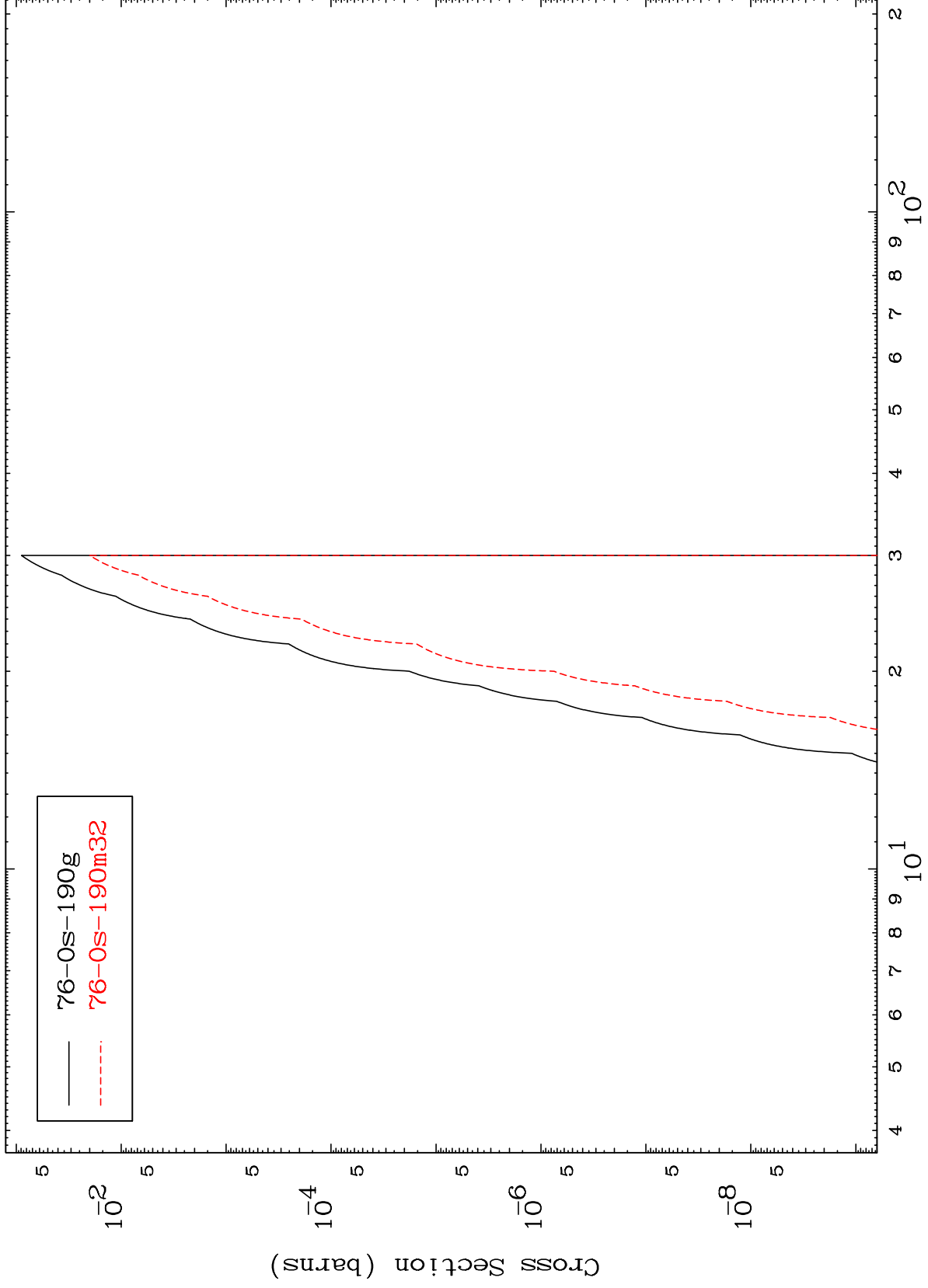
⁷⁷Ir-191n

MAT 7727

(n,n') He-3

⁷⁷Ir-191n

Radionuclide Production Cross Section



19

Incident Energy (MeV)

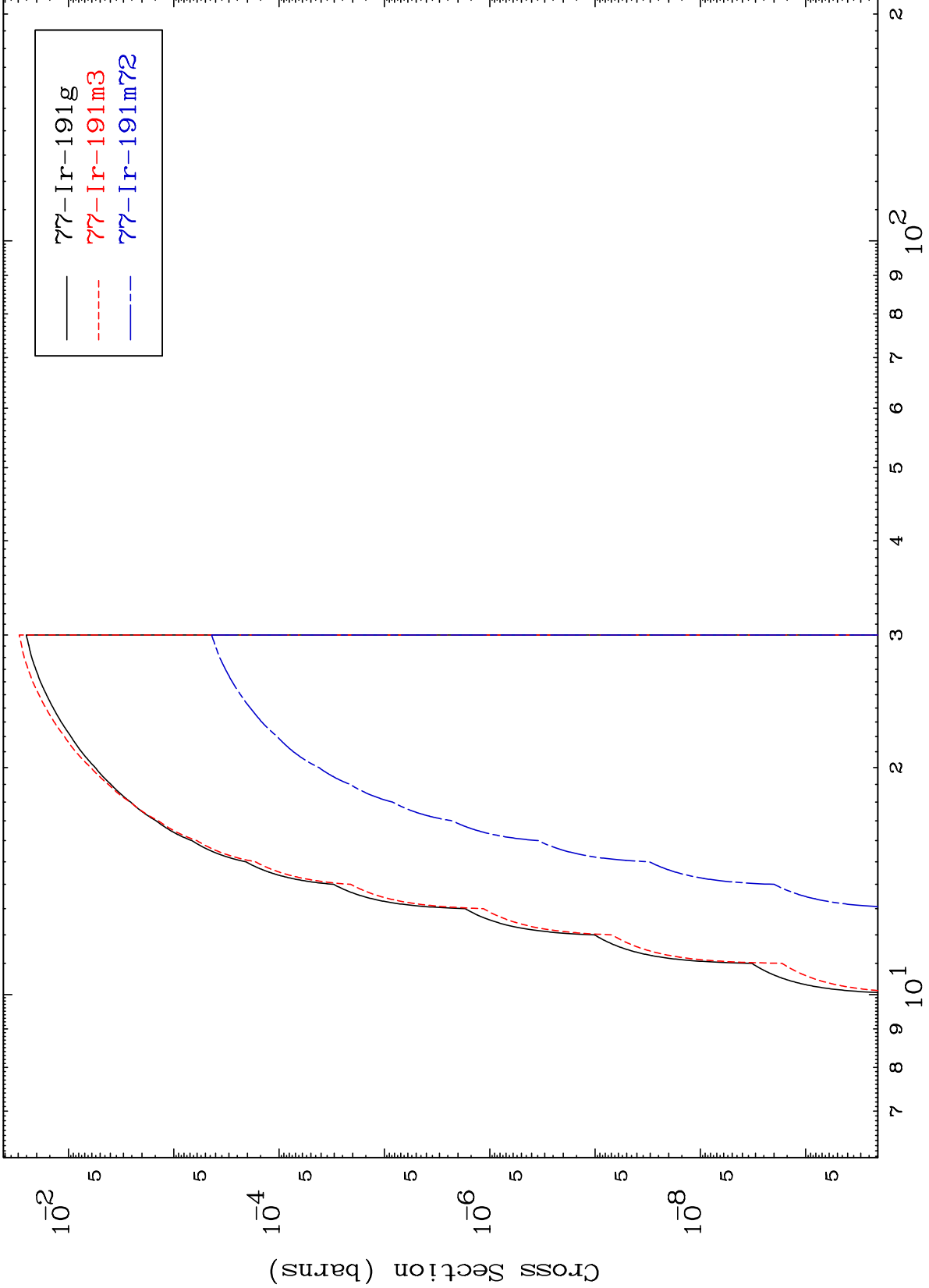
⁷⁷Ir-191n

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(n,2n) p

⁷⁷Ir-191n

Radionuclide Production Cross Section



20

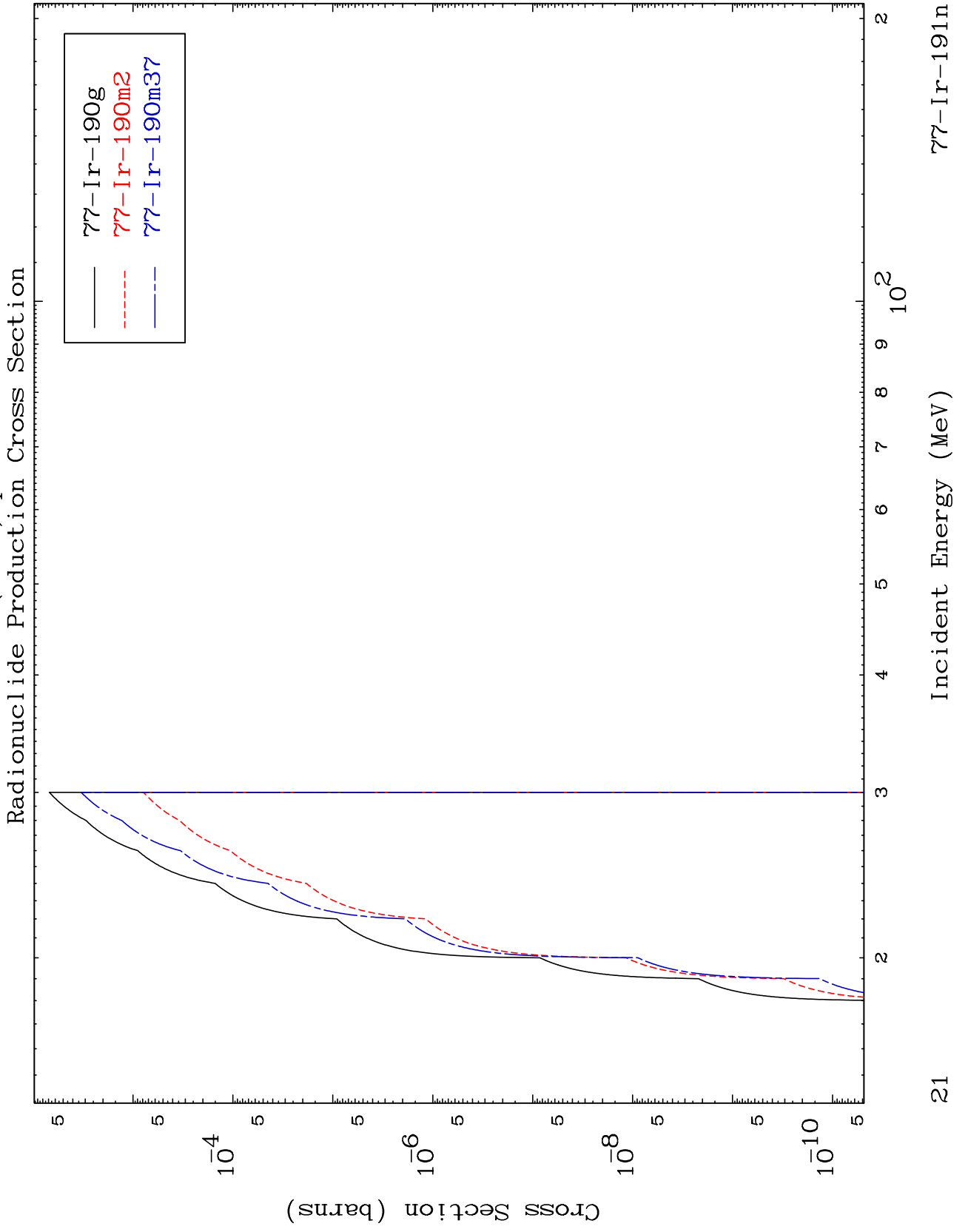
Incident Energy (MeV)

⁷⁷Ir-191n

MAT 7727

(n,3n) p

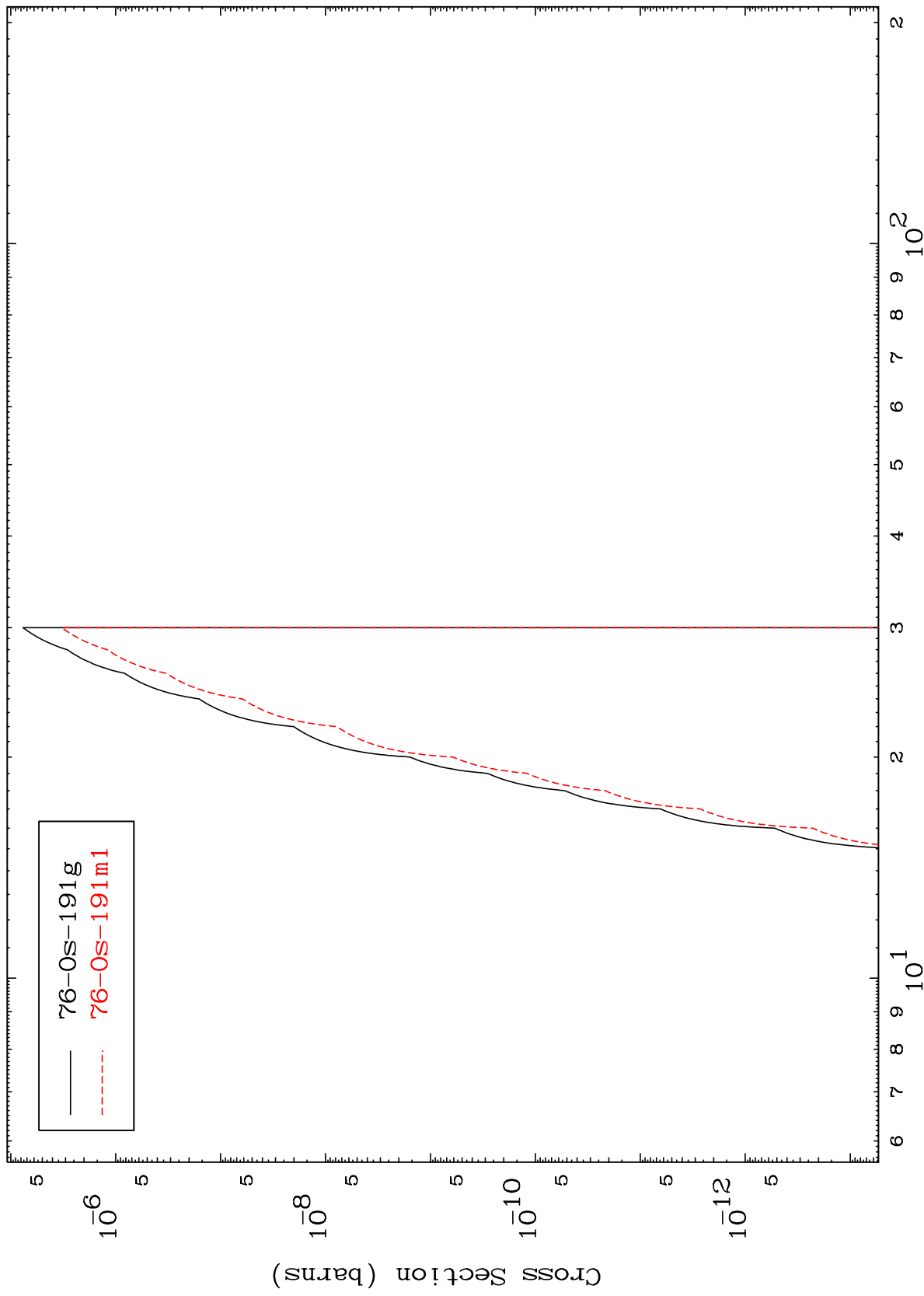
⁷⁷Ir-191n



MAT 7727

⁷⁷Ir-191n

(n,2n) p
Radionuclide Production Cross Section



⁷⁷Ir-191n

Incident Energy (MeV)

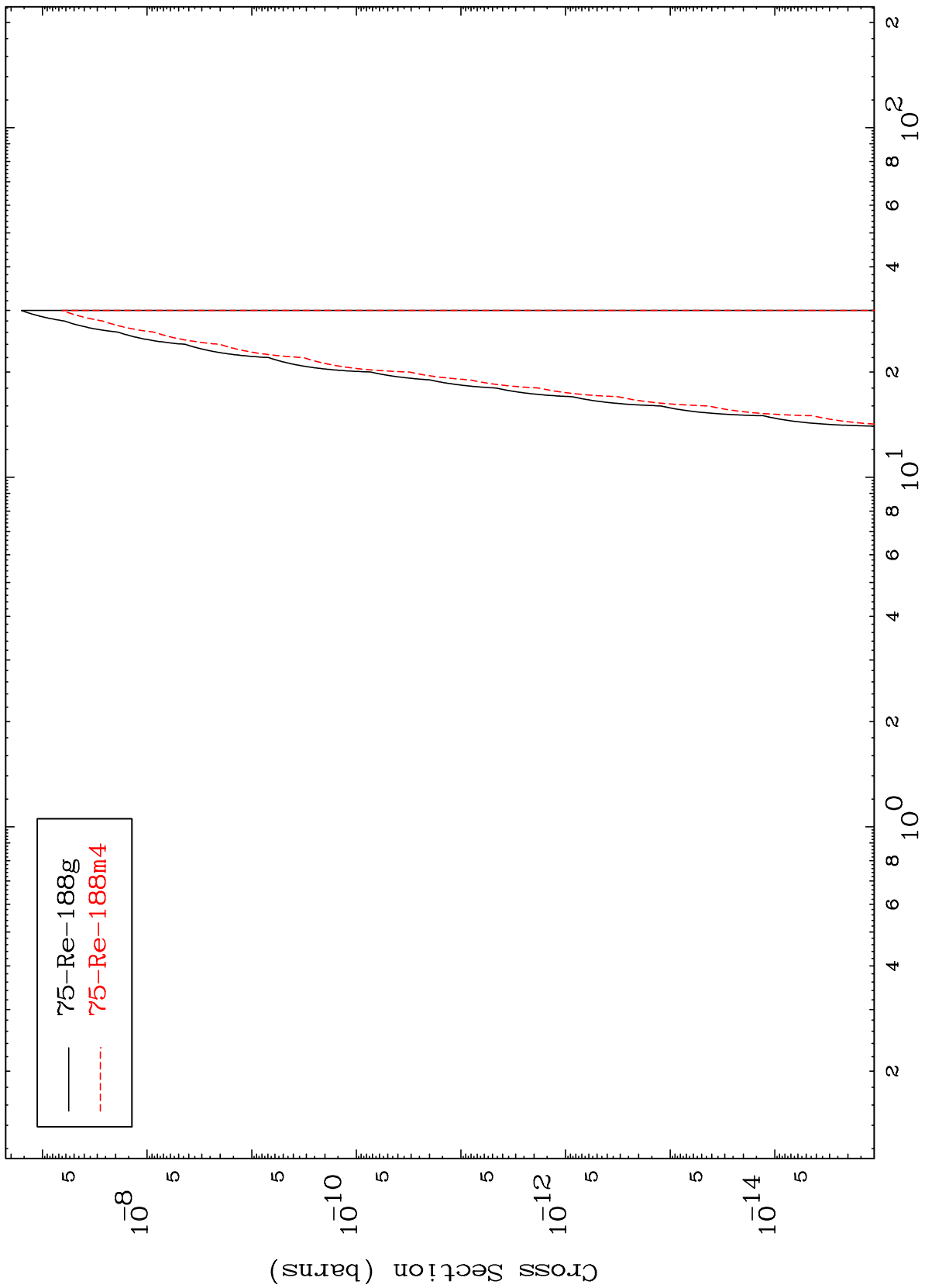
22

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(n,n') p α

⁷⁷Ir-191n

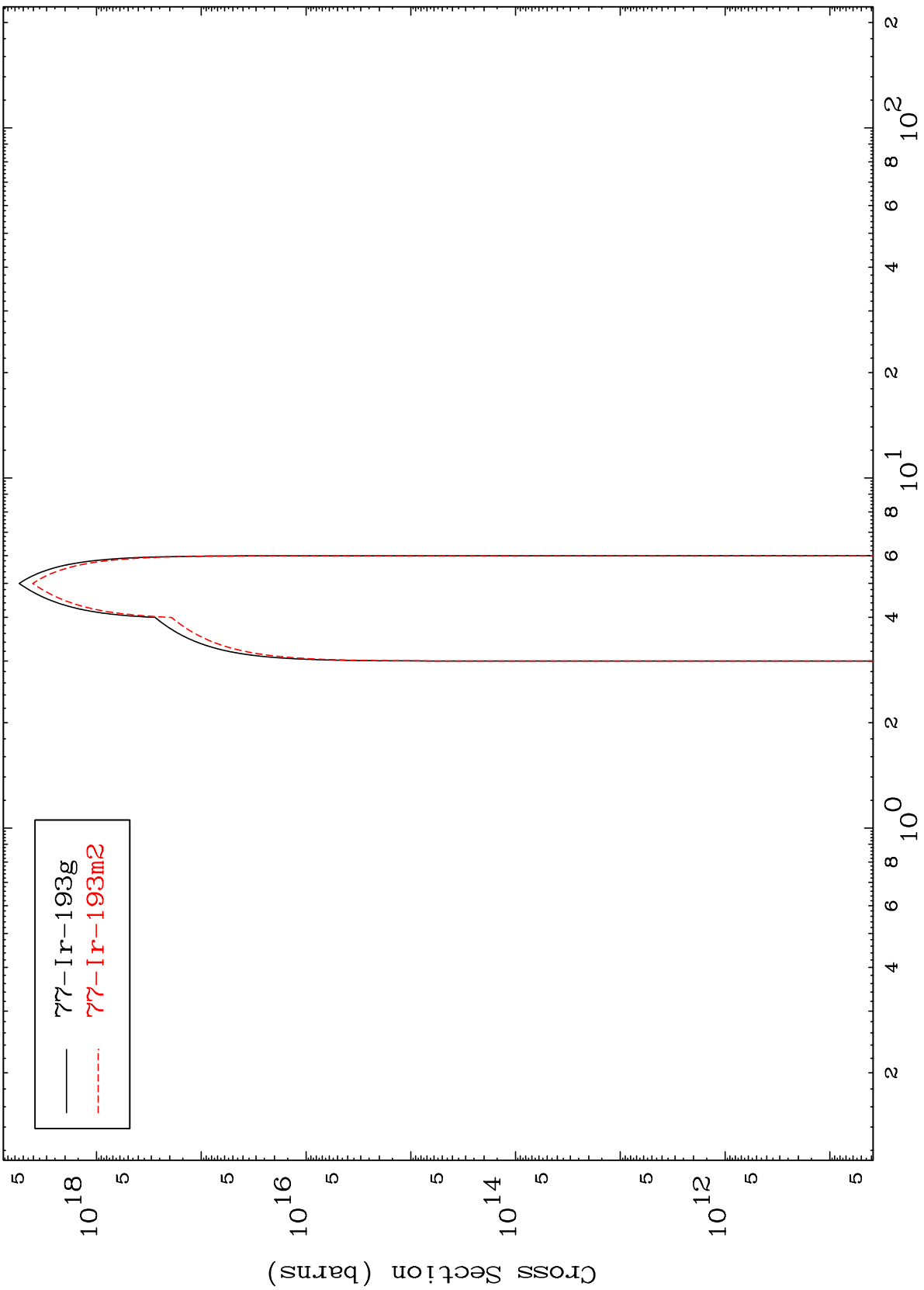
Radionuclide Production Cross Section



MAT 7727

⁷⁷Ir-191n

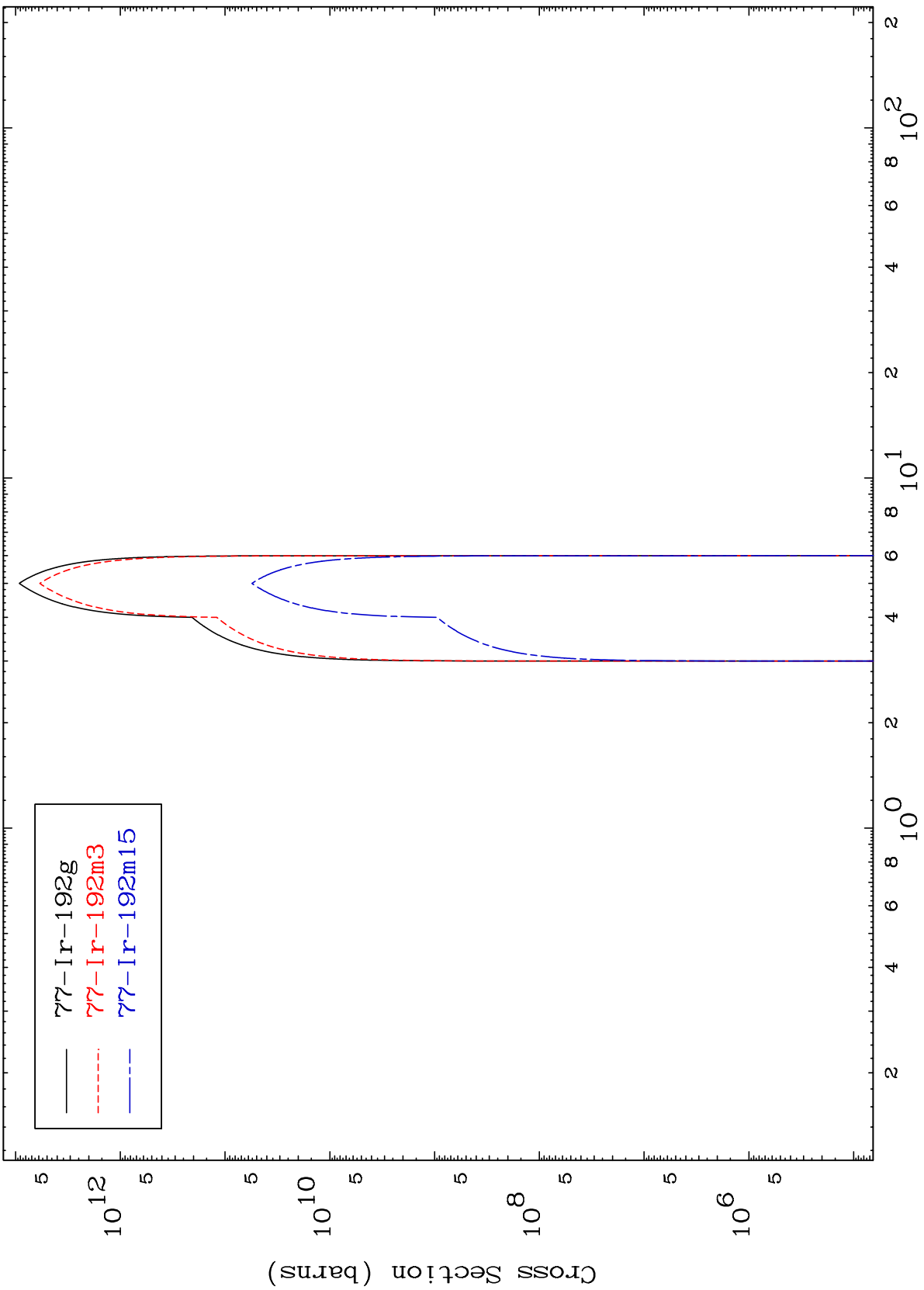
Radionuclide Production Cross Section (n,p)



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⁷⁷Ir-191n

(n,d)
Radionuclide Production Cross Section



— ⁷⁷Ir-192g
- - ⁷⁷Ir-192m3
- - ⁷⁷Ir-192m15

⁷⁷Ir-191n

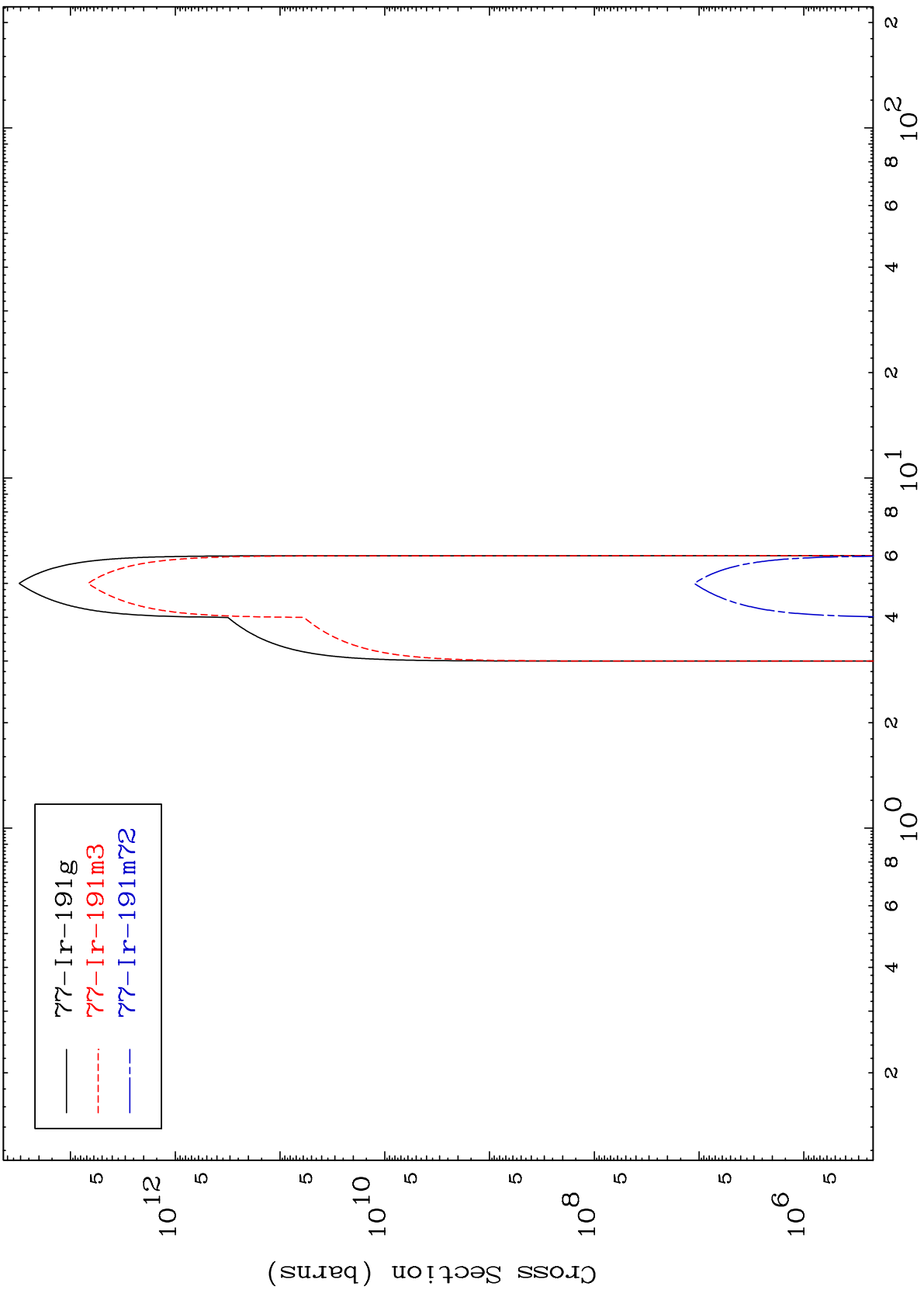
Incident Energy (MeV)

25

MAT 7727

⁷⁷Ir-191n

Radionuclide Production Cross Section (n, t)



Legend:
— ⁷⁷Ir-191g
- - ⁷⁷Ir-191m3
- - ⁷⁷Ir-191m72

Incident Energy (MeV)

⁷⁷Ir-191n

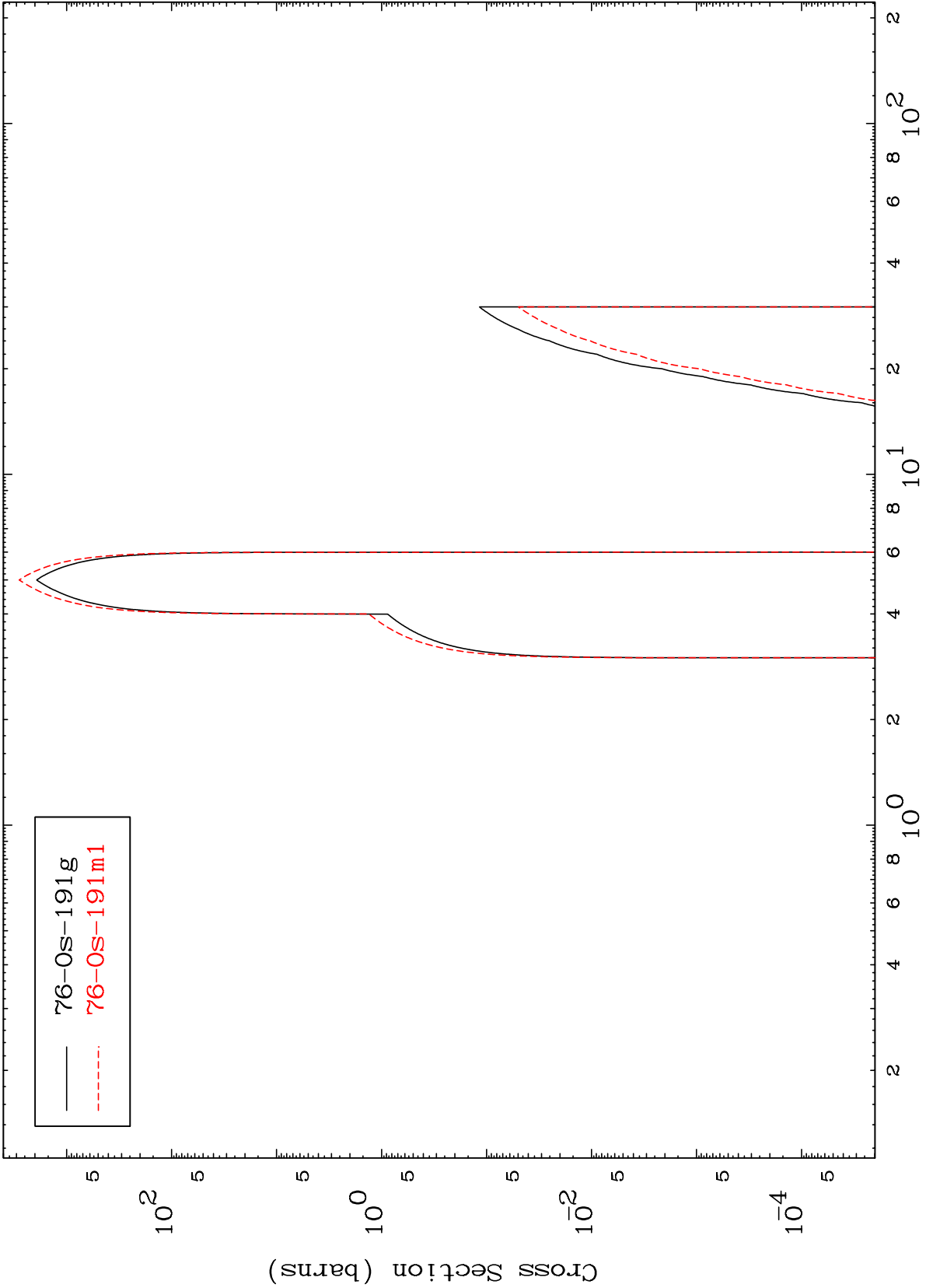
26

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(n,He-3)

⁷⁷Ir-191n

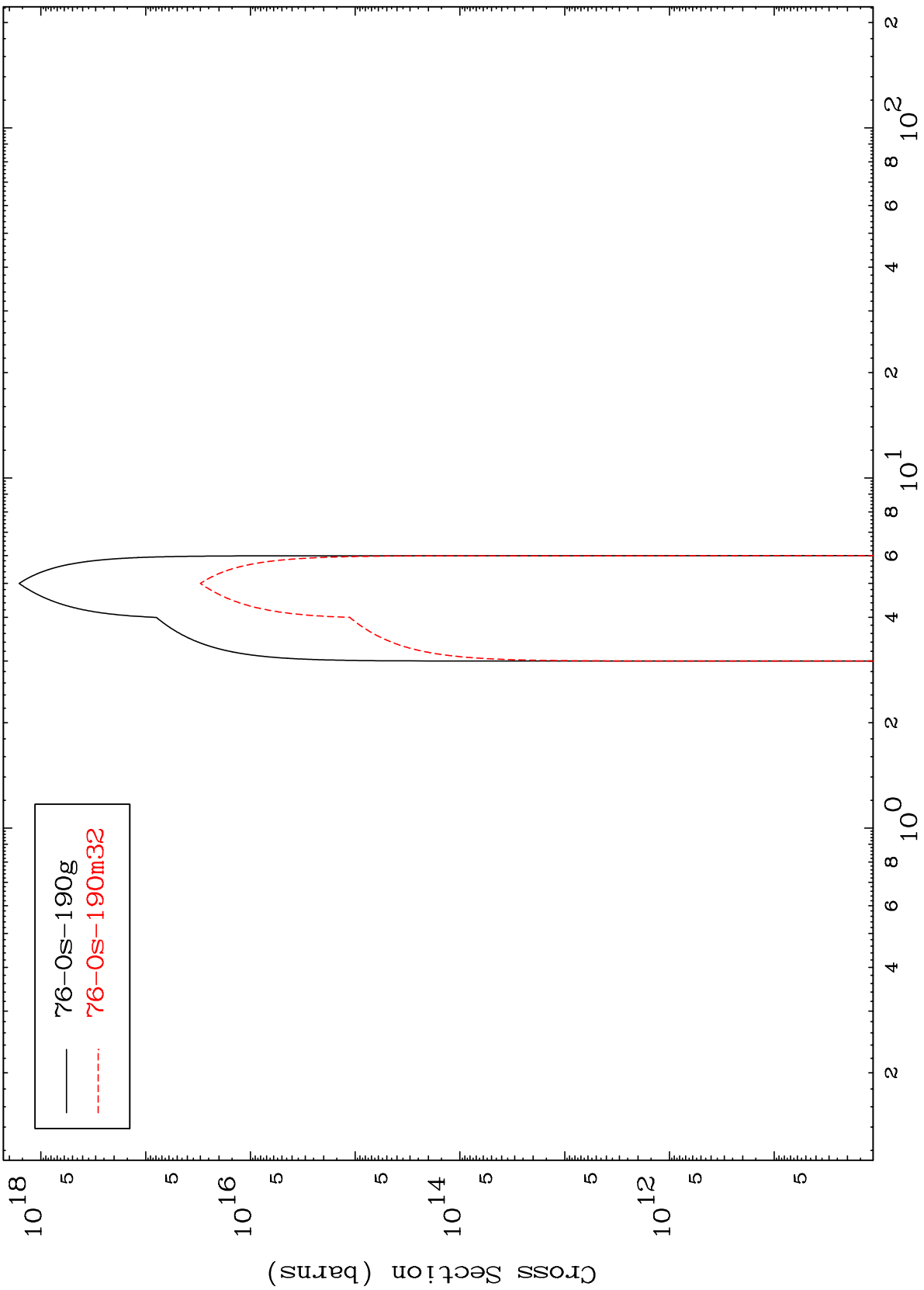
Radionuclide Production Cross Section



MAT 7727

⁷⁷Ir-191n

Radionuclide Production Cross Section

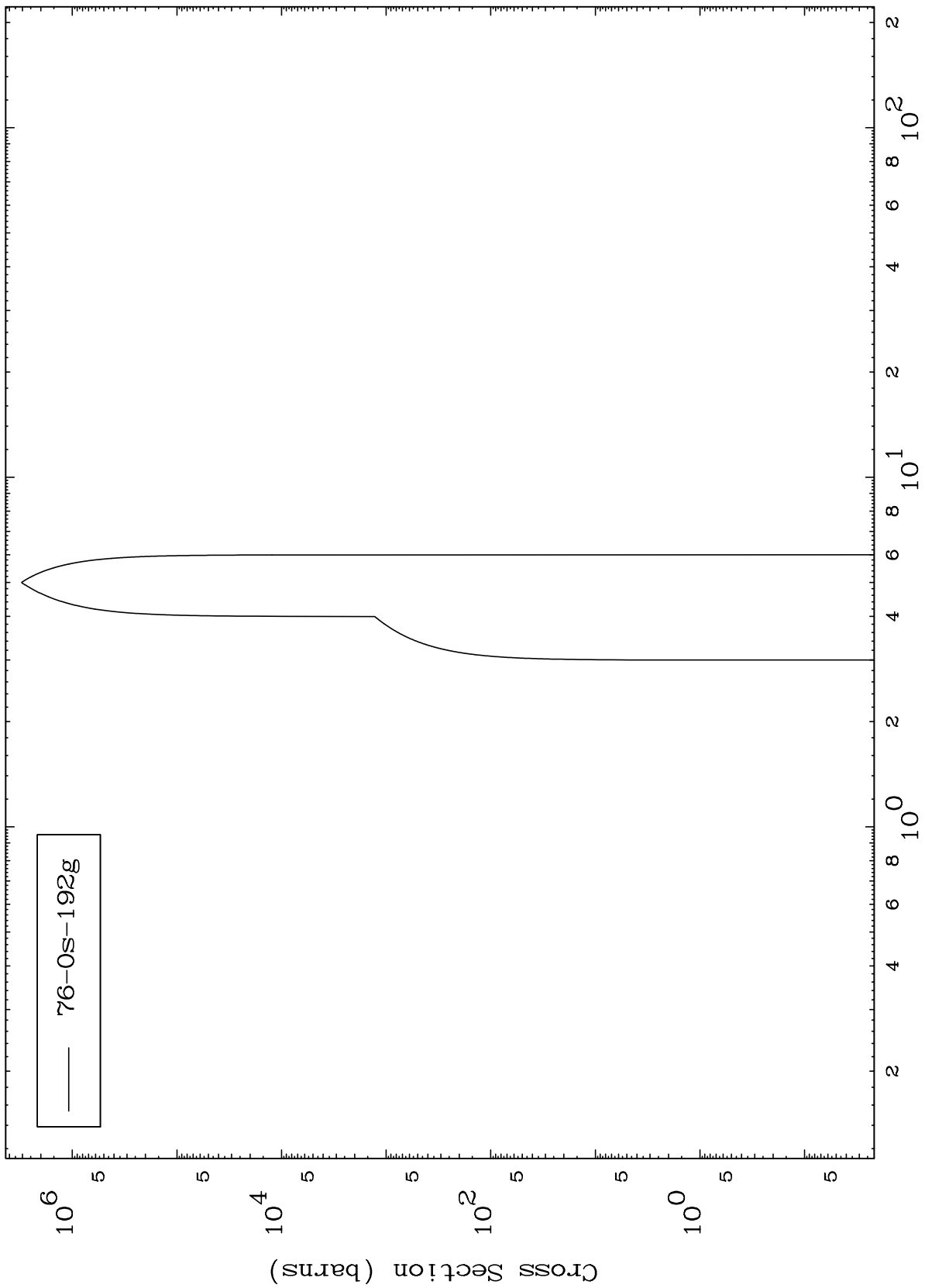


76-Os-190g
76-Os-190m32

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77-Ir-191n

(n,2p)
Radionuclide Production Cross Section

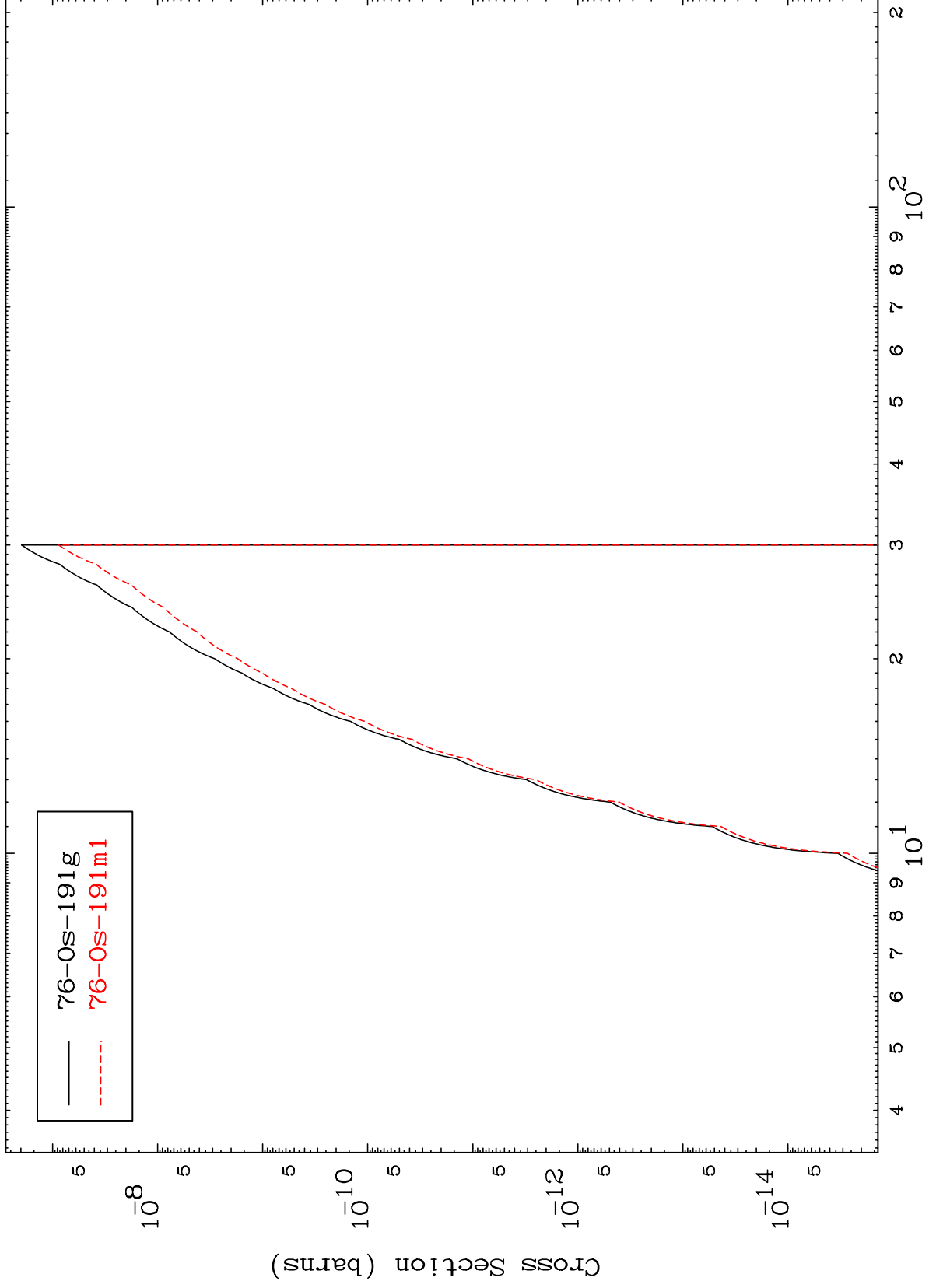


MAT 7727

(n,p) d

⁷⁷Ir-191n

Radionuclide Production Cross Section



30

Incident Energy (MeV)

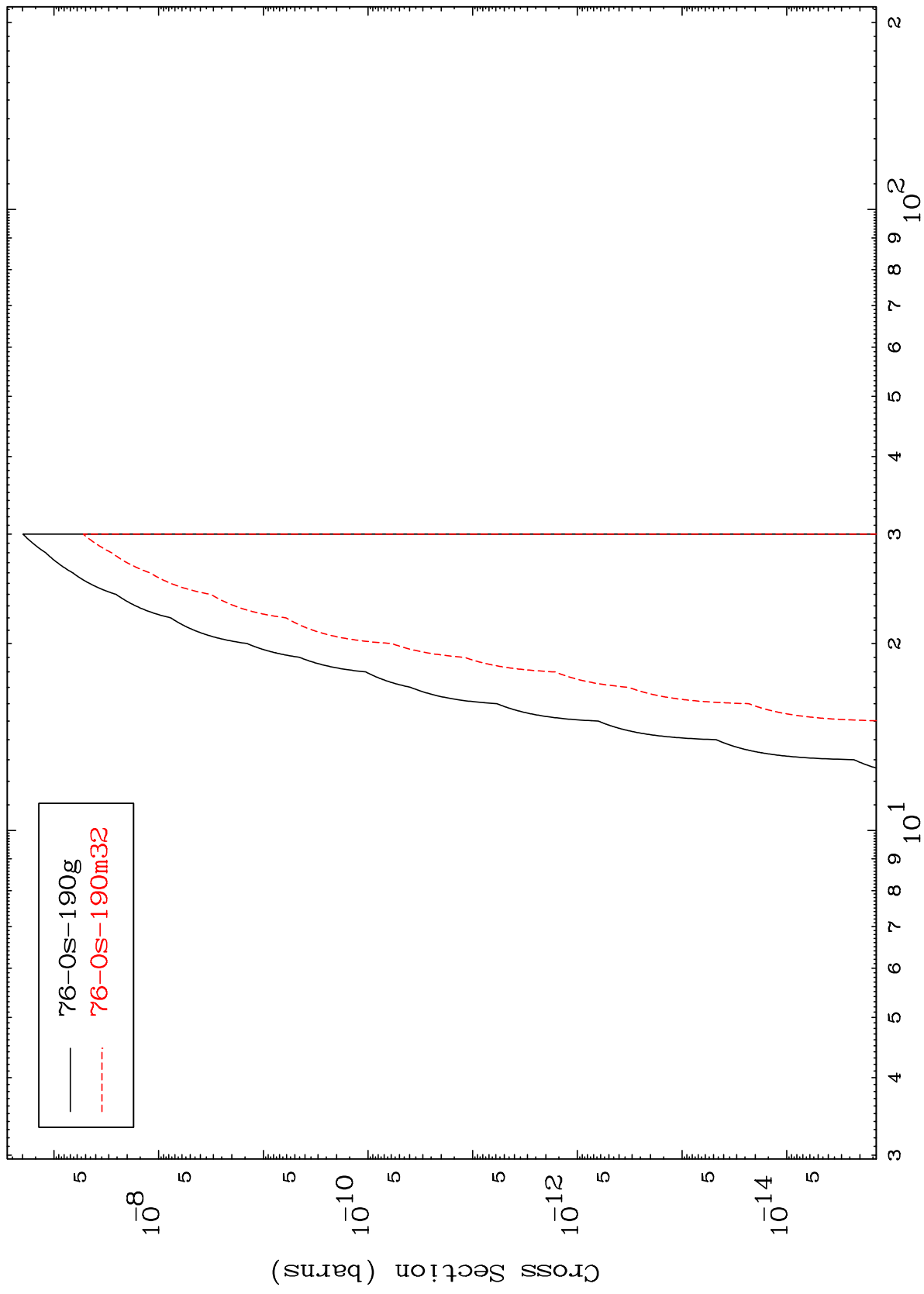
⁷⁷Ir-191n

MAT 7727

(n,p) t

77-Ir-191n

Radionuclide Production Cross Section



31

Incident Energy (MeV)

77-Ir-191n

