

Program EVALPLOT
(Version 2021-1)

by

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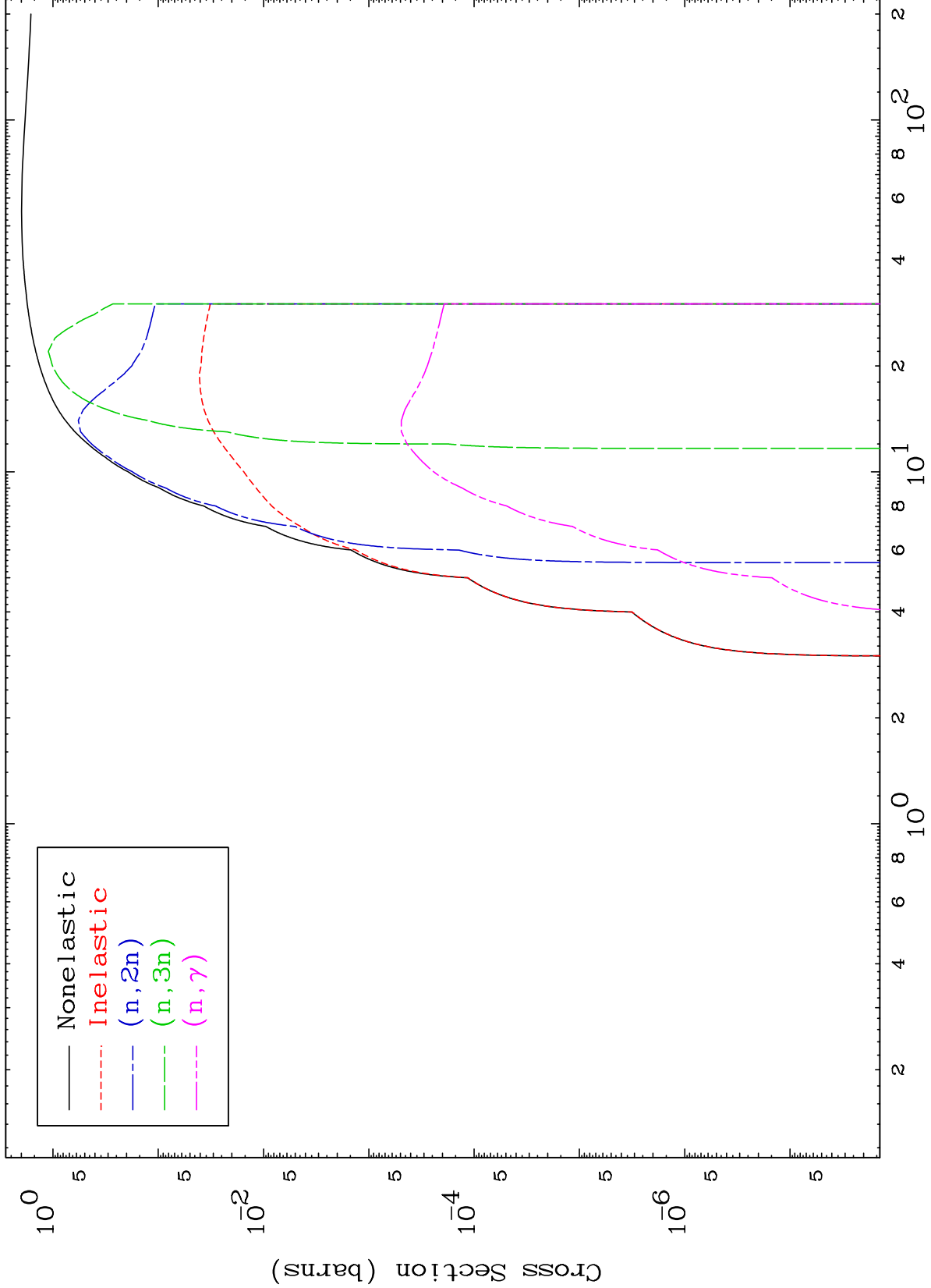
Press Mouse Button to Start

MAT 7740

Proton Major

77-Ir-196

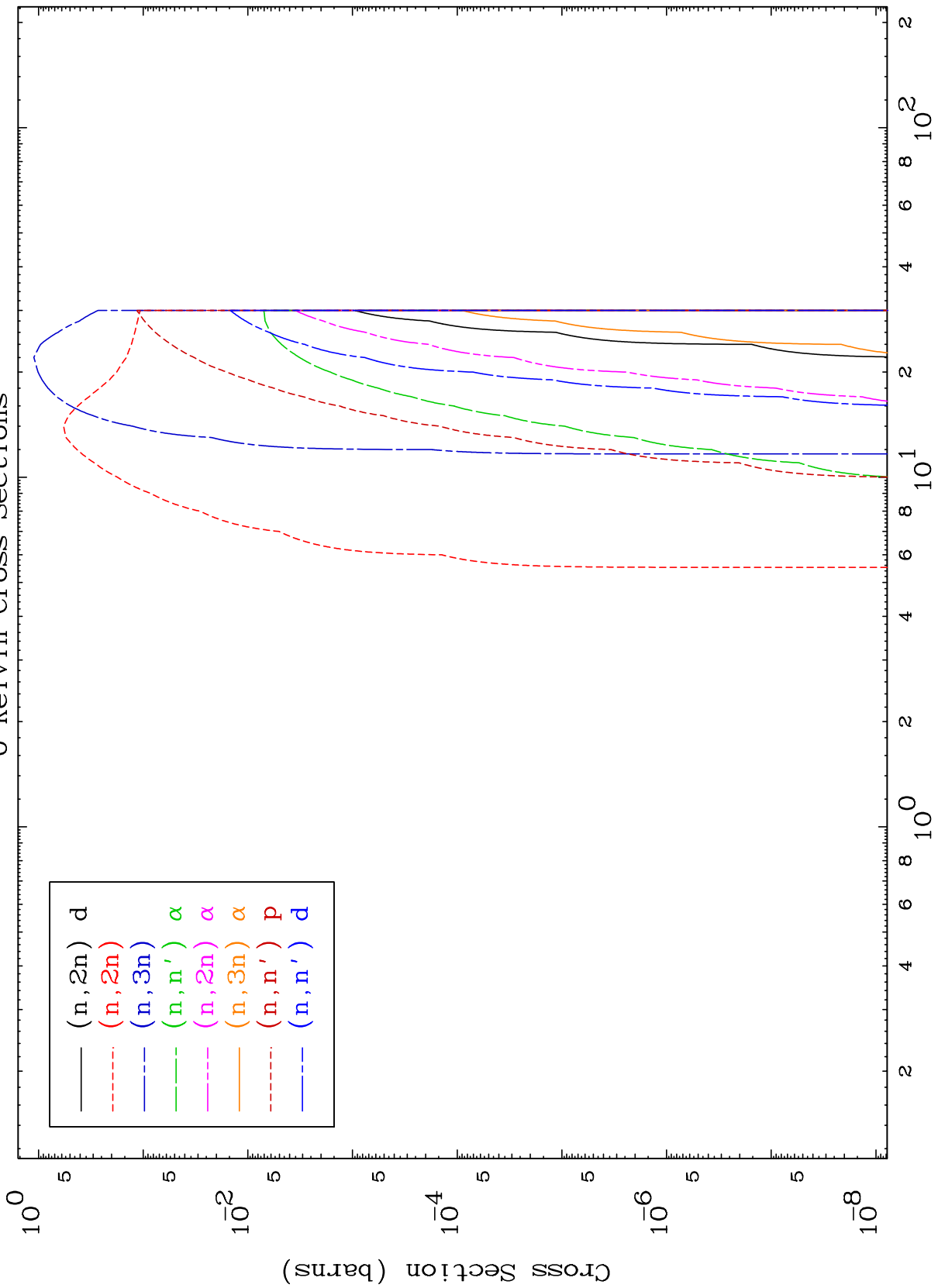
0 Kelvin Cross Sections



MAT 7740

Proton Neutron Absorption
0 Kelvin Cross Sections

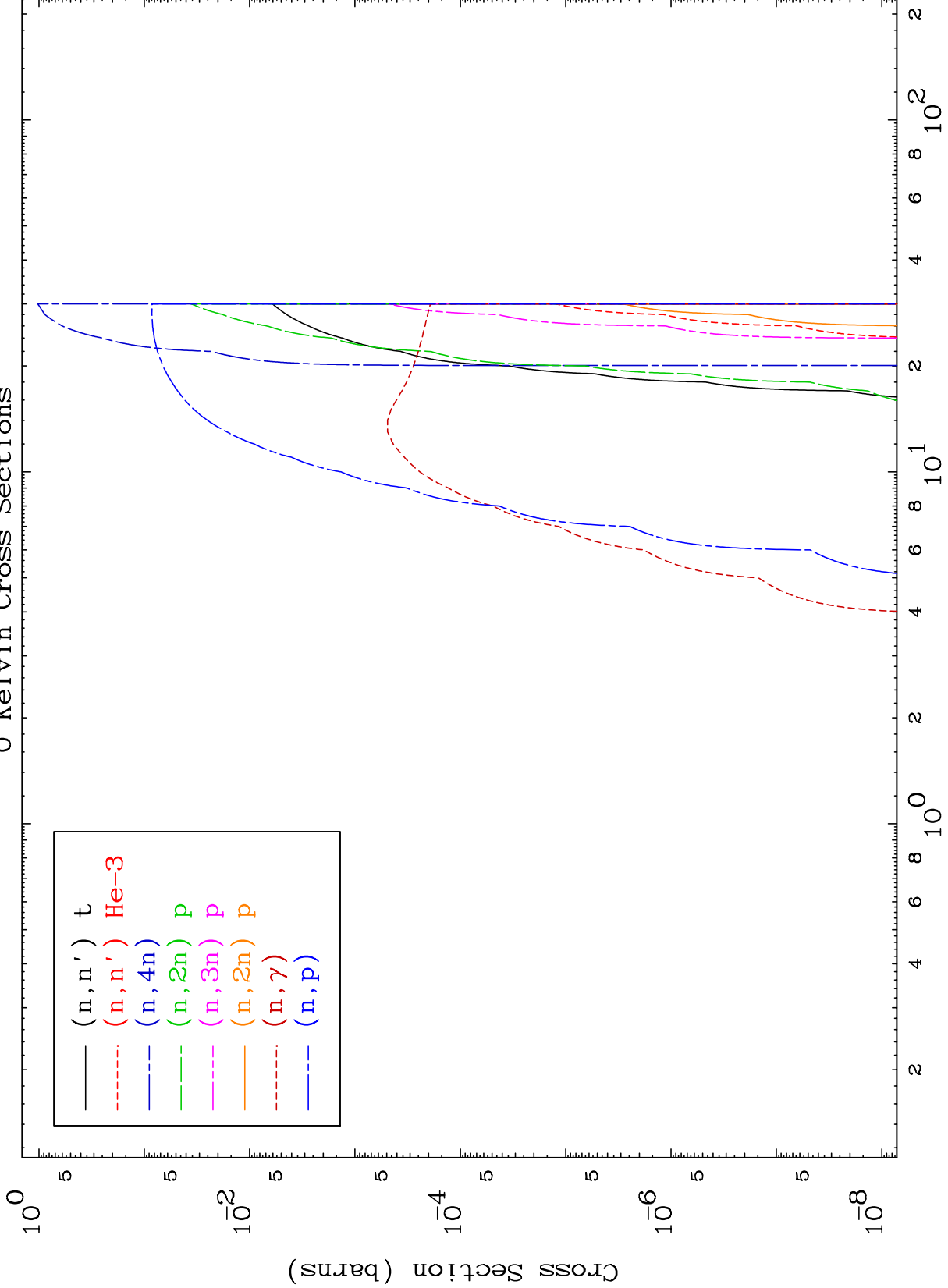
77-Ir-196



MAT 7740

Proton Neutron Absorption
0 Kelvin Cross Sections

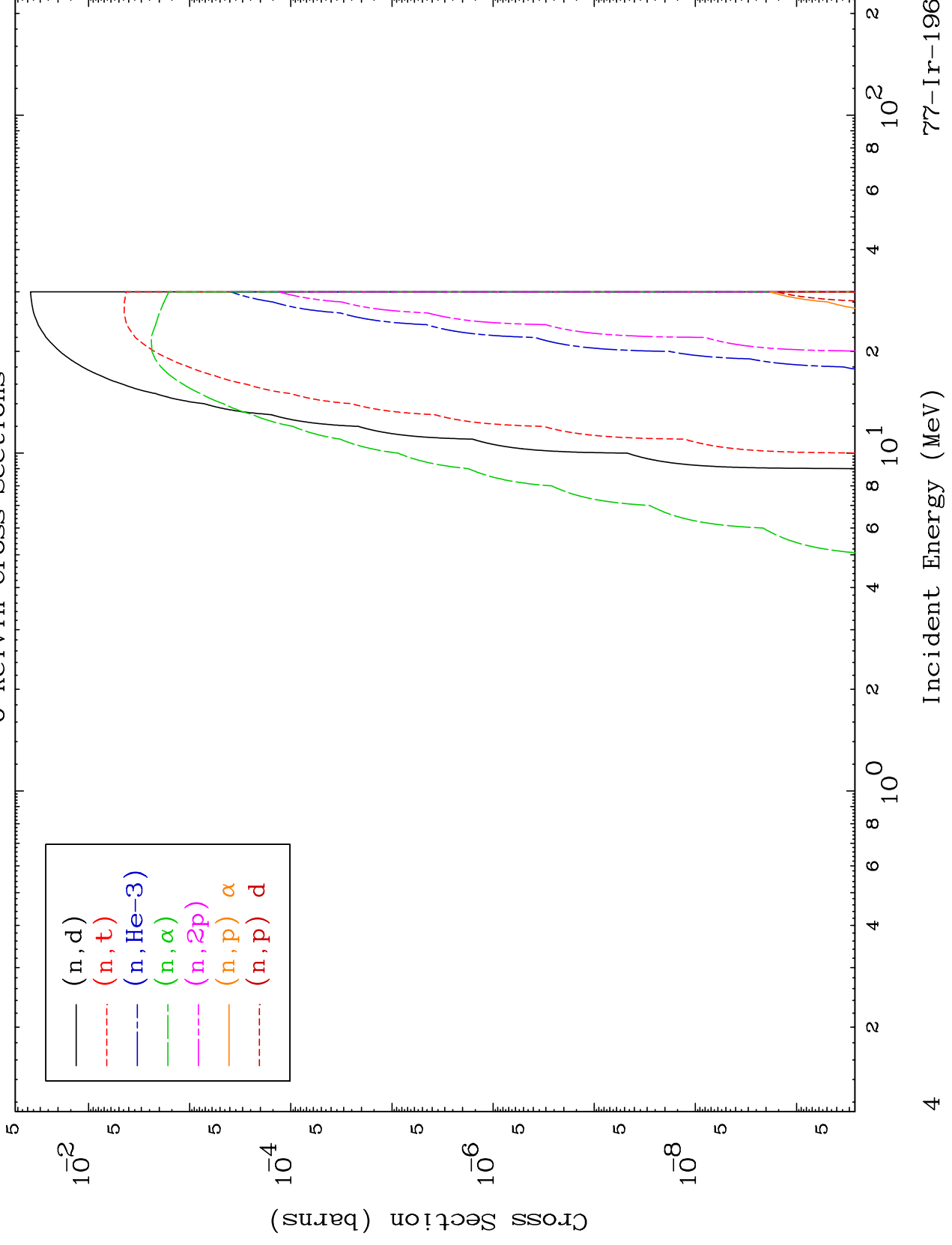
77-Ir-196



MAT 7740

Proton Neutron Absorption
0 Kelvin Cross Sections

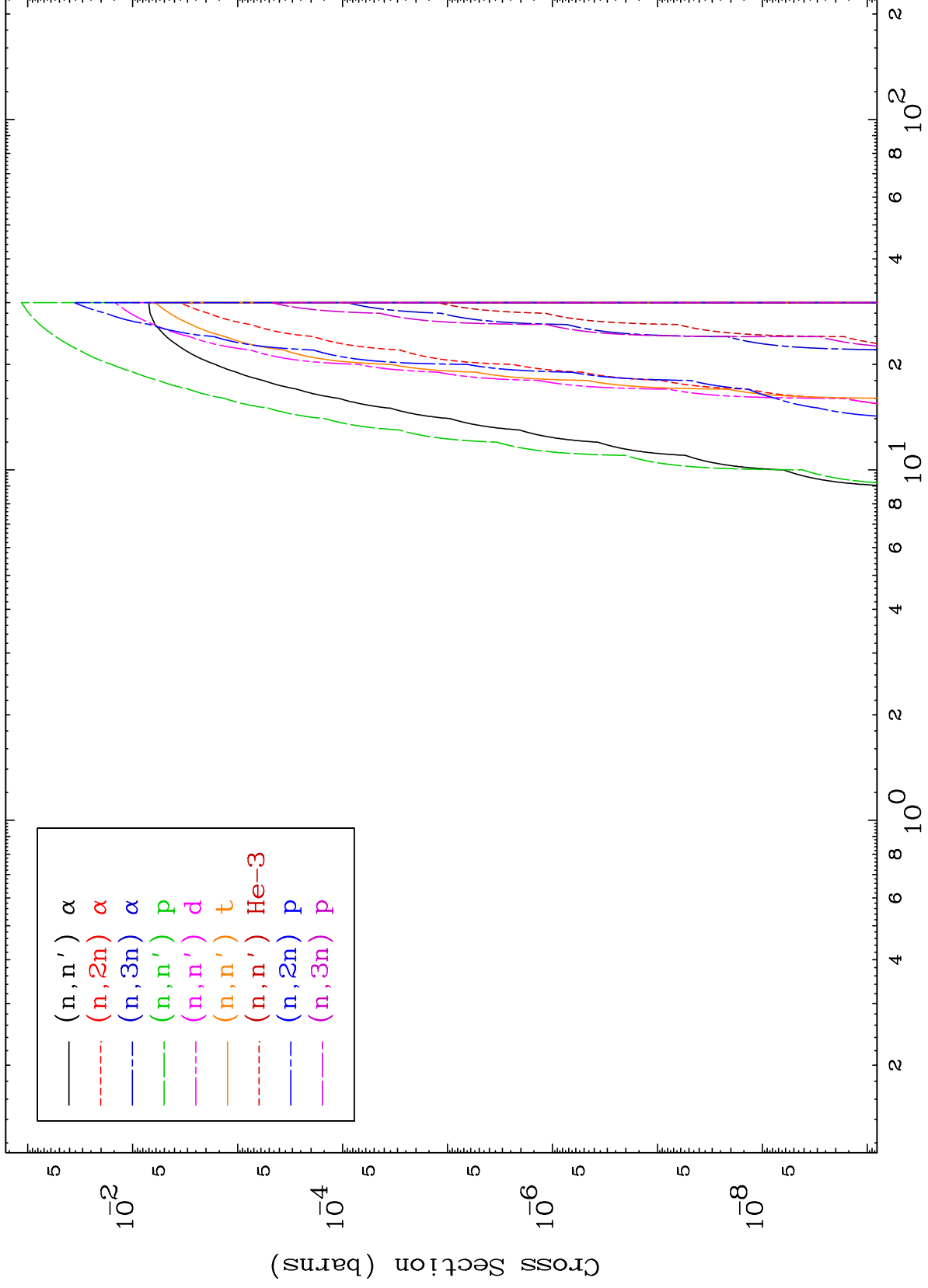
77-Ir-196



MAT 7740

Proton Charged Particle
0 Kelvin Cross Sections

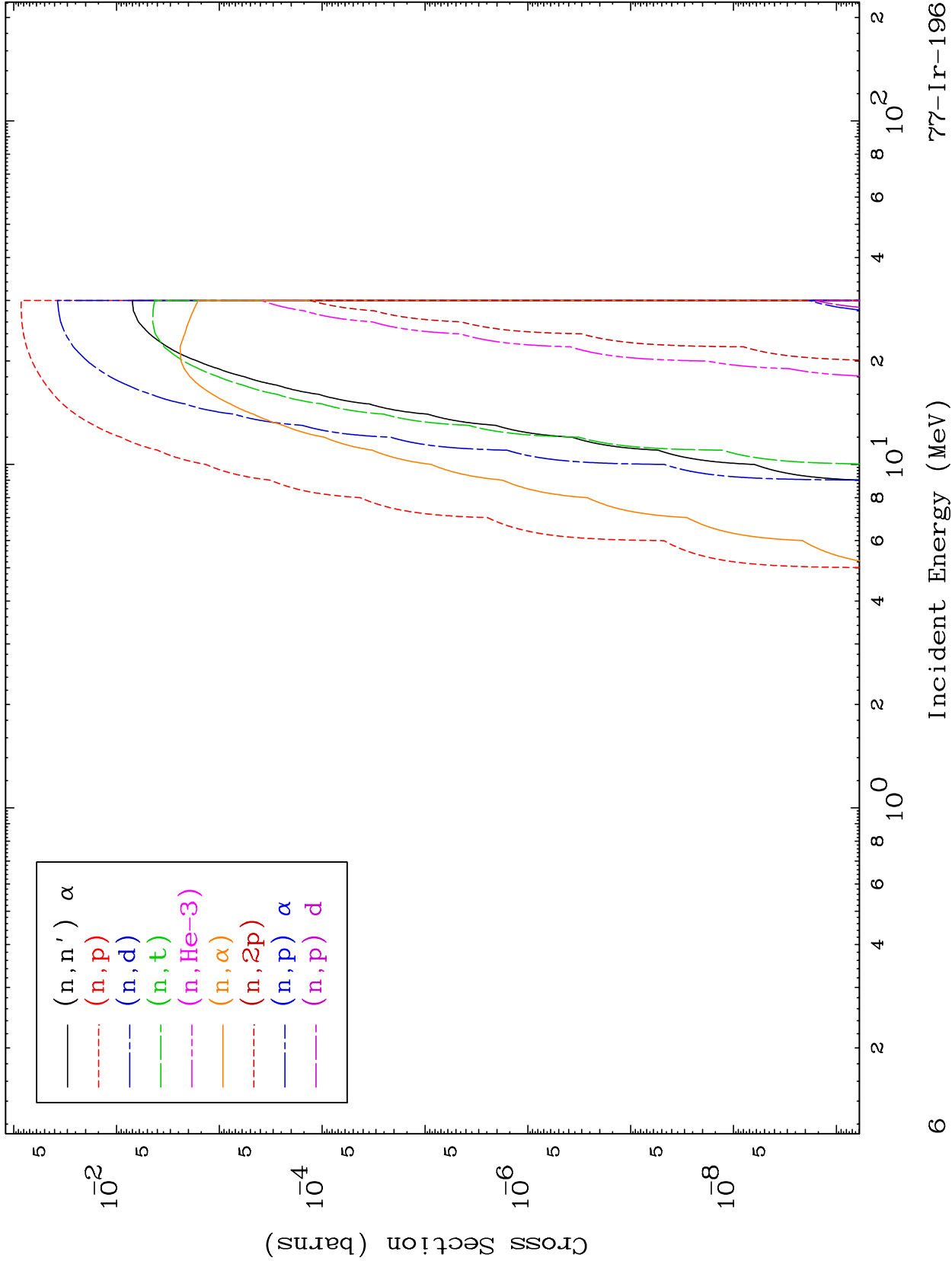
77-Ir-196



MAT 7740

Proton Charged Particle
0 Kelvin Cross Sections

77-Ir-196

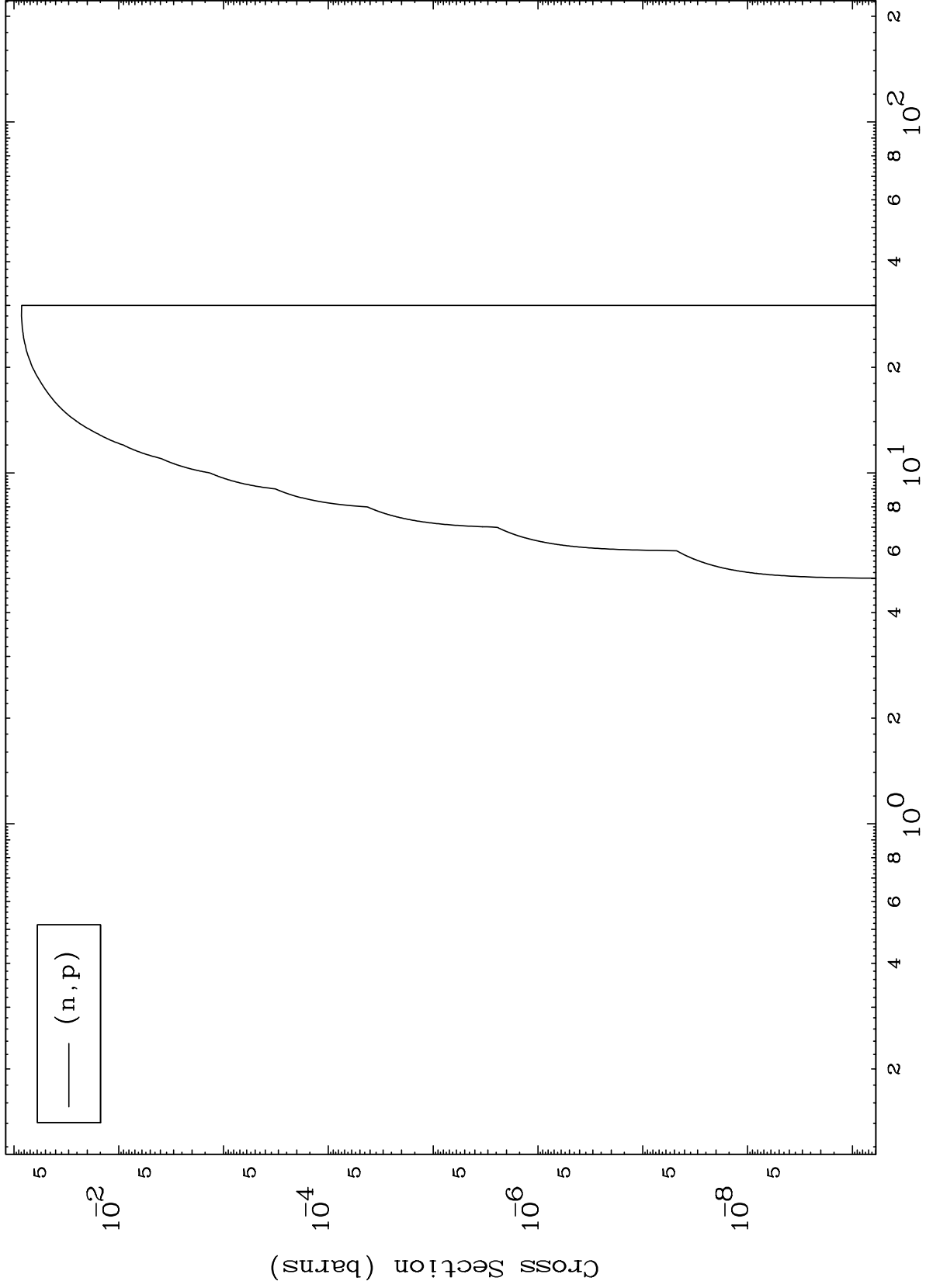


MAT 7740

(p,p) Levels

77-Ir-196

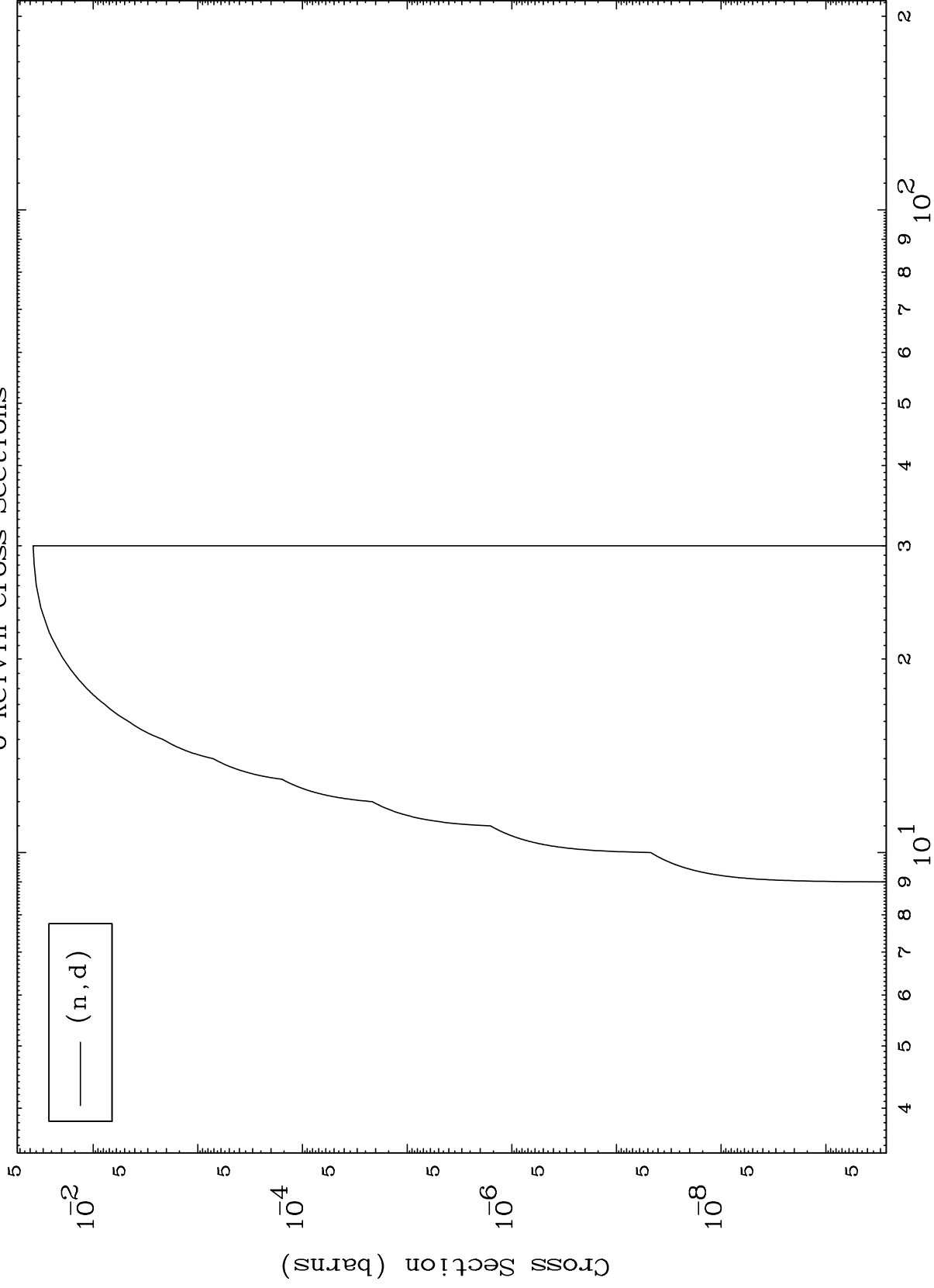
0 Kelvin Cross Sections



MAT 7740

(p,d) Levels
0 Kelvin Cross Sections

77-Ir-196

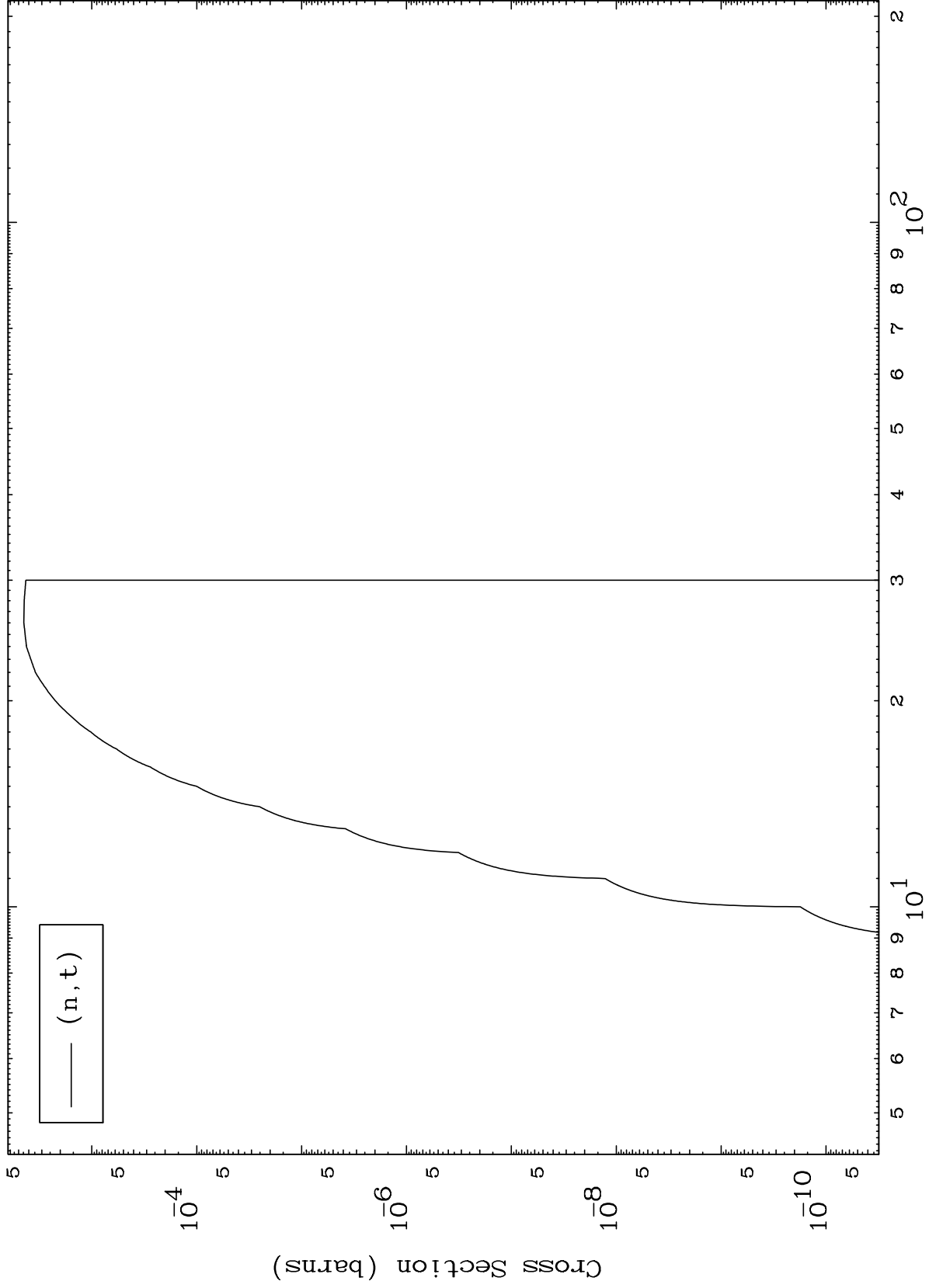


MAT 7740

(p,t) Levels

77-Ir-196

0 Kelvin Cross Sections



9

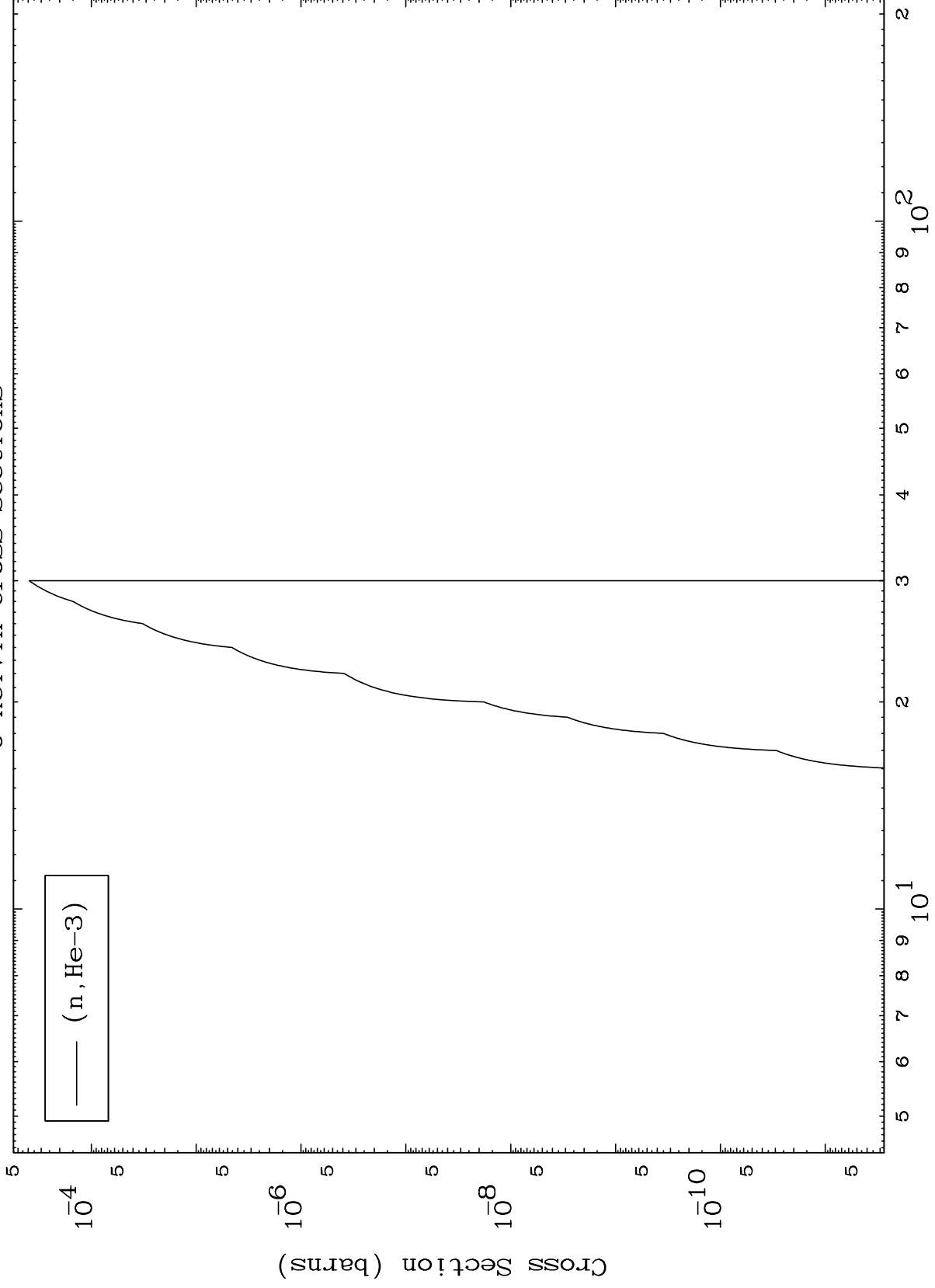
Incident Energy (MeV)

77-Ir-196

MAT 7740

(p,He3) Levels
0 Kelvin Cross Sections

77-Ir-196



10

Incident Energy (MeV)

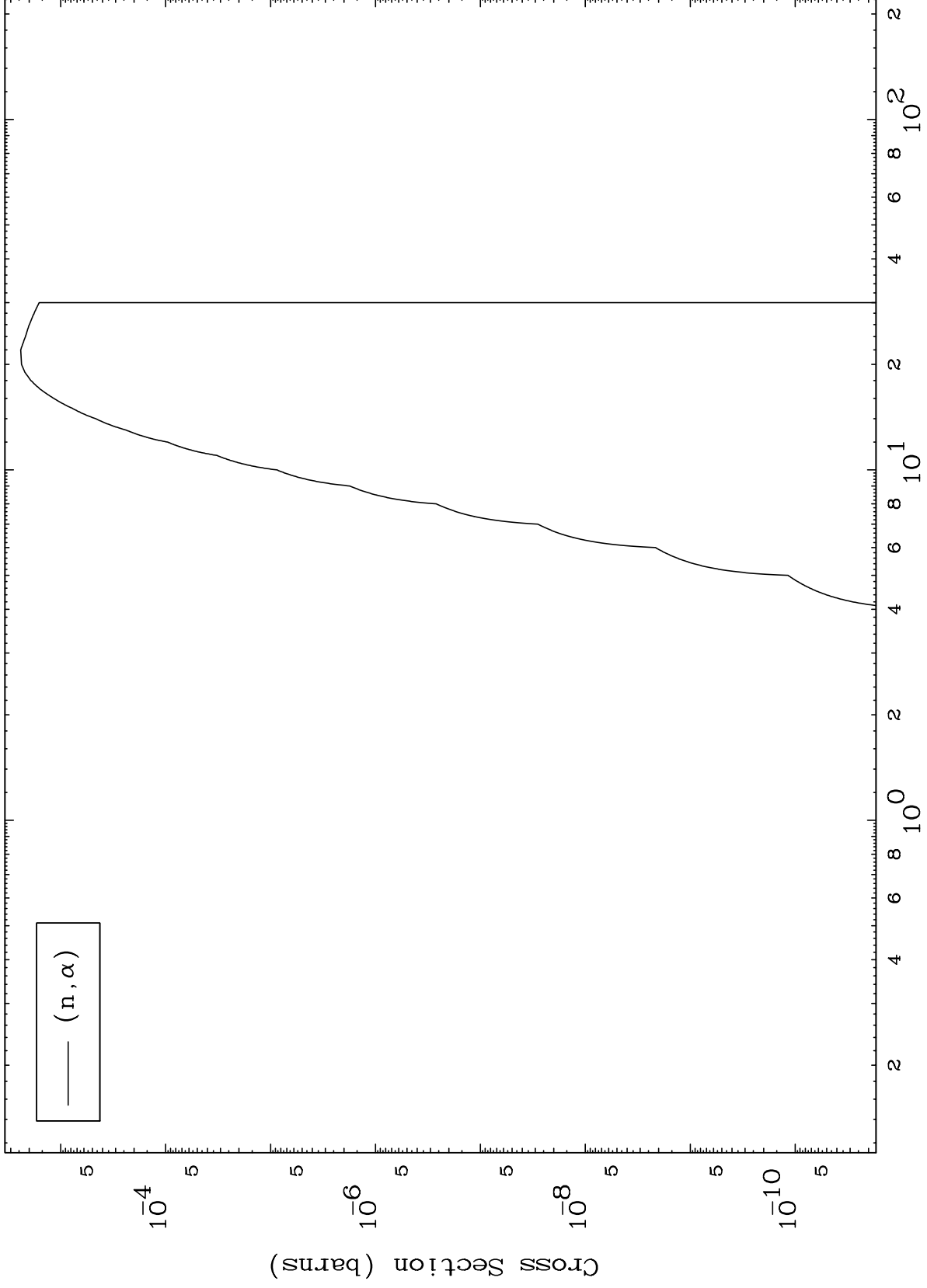
77-Ir-196

MAT 7740

(p, α) Levels

77-Ir-196

0 Kelvin Cross Sections



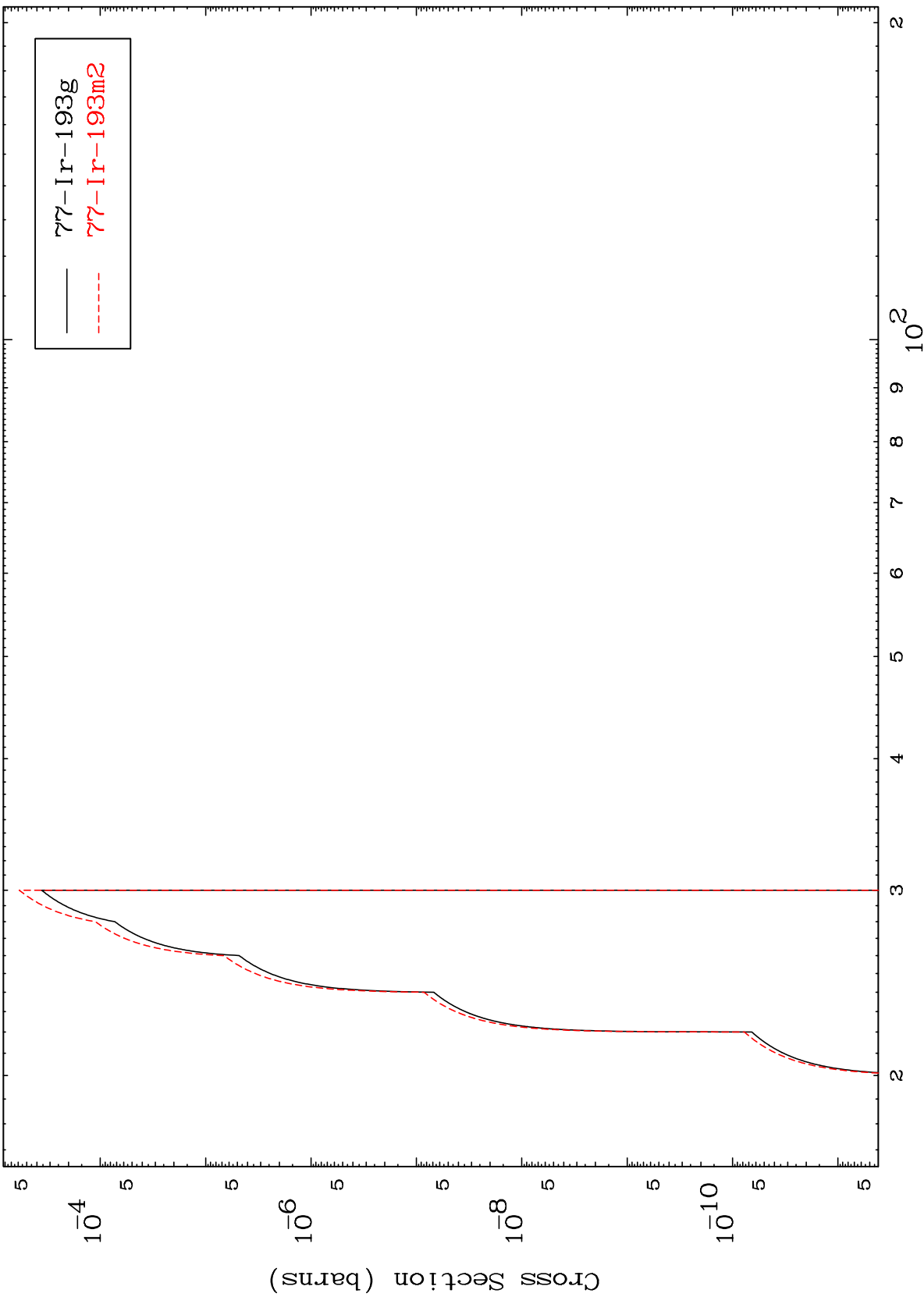
(n, α)

MAT 7740

(n,2n) d

77-Ir-196

Radionuclide Production Cross Section



12

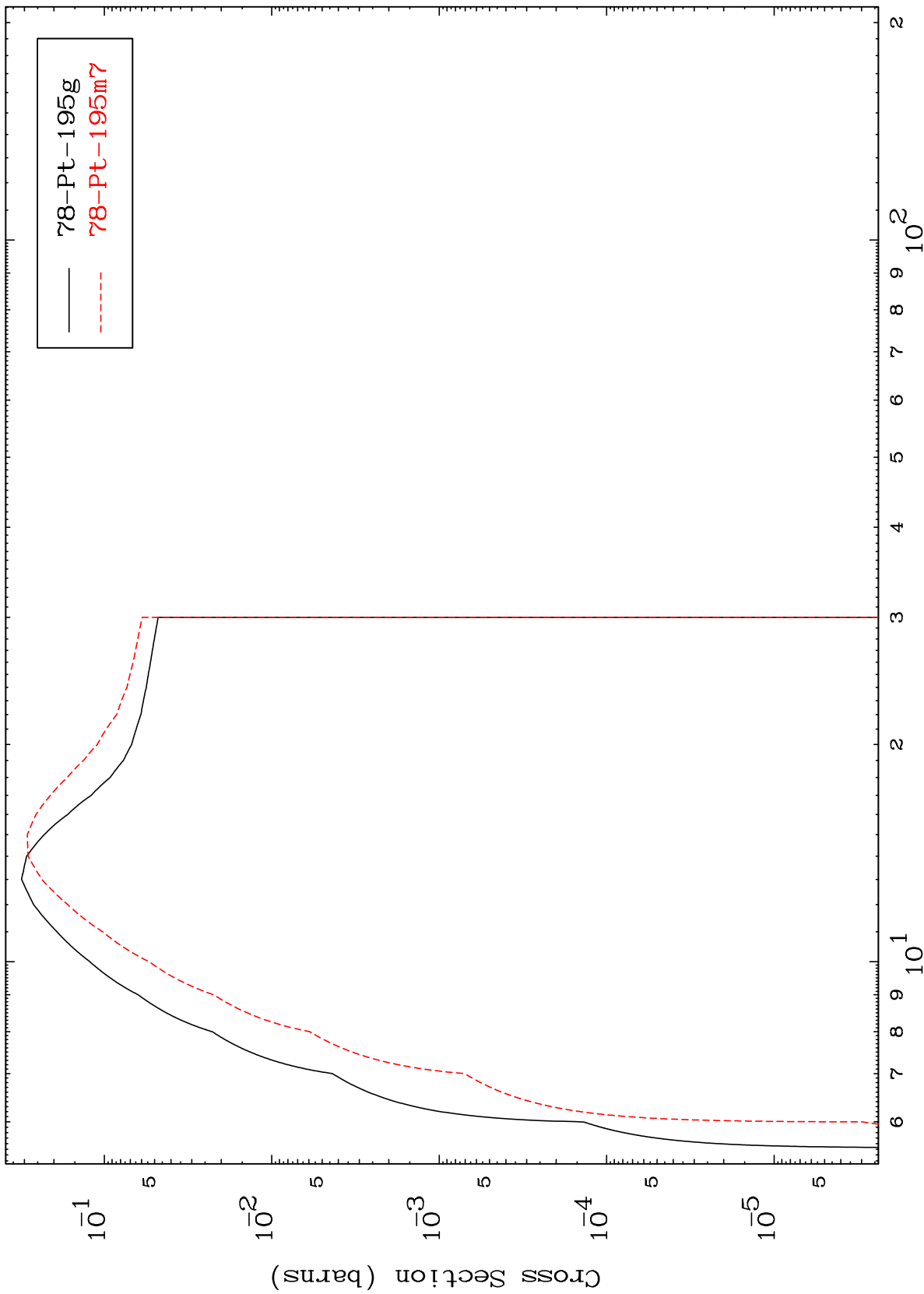
Incident Energy (MeV)

77-Ir-196

MAT 7740

77-Ir-196

(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

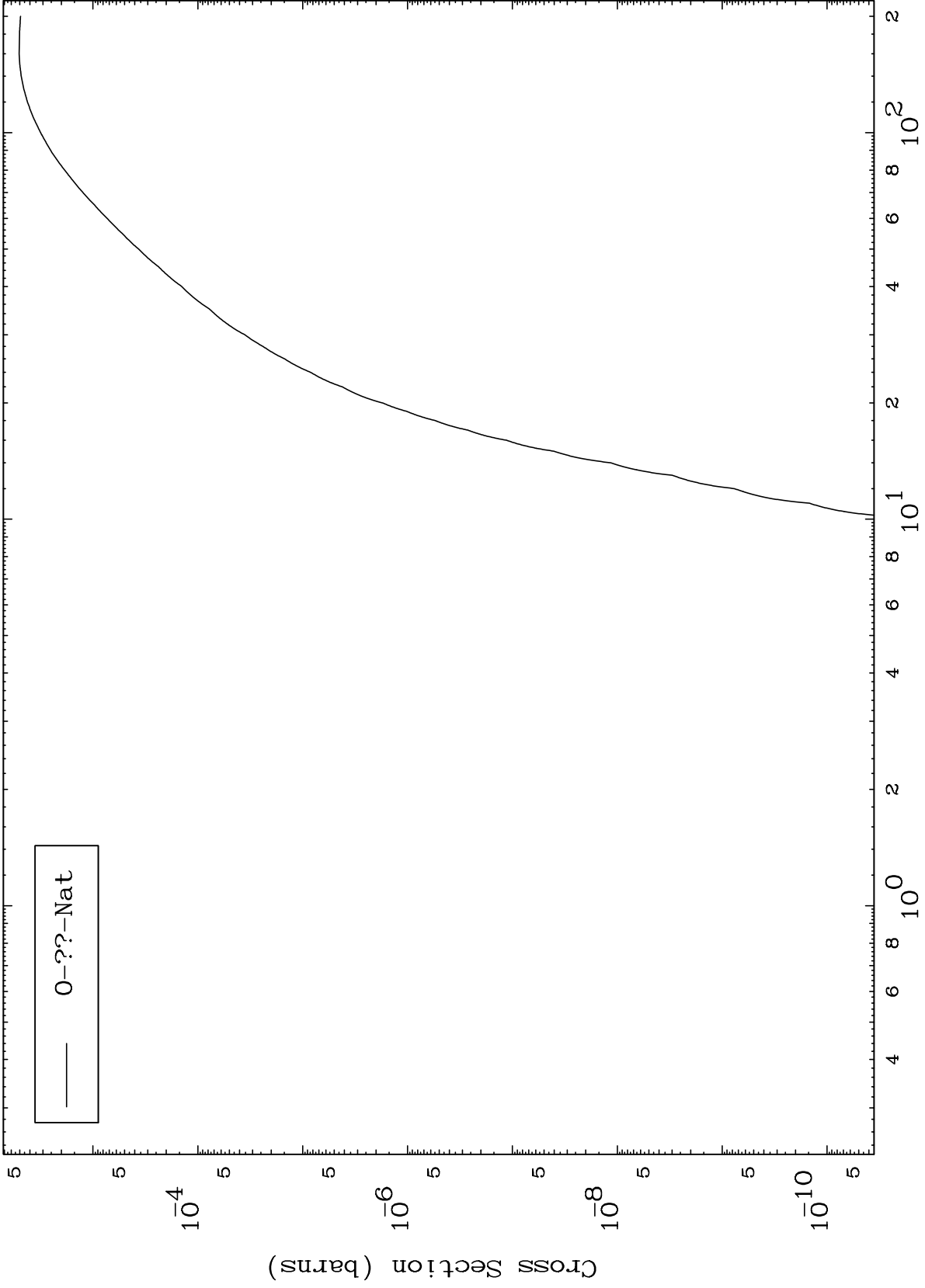
77-Ir-196

MAT 7740

Fission

77-Ir-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

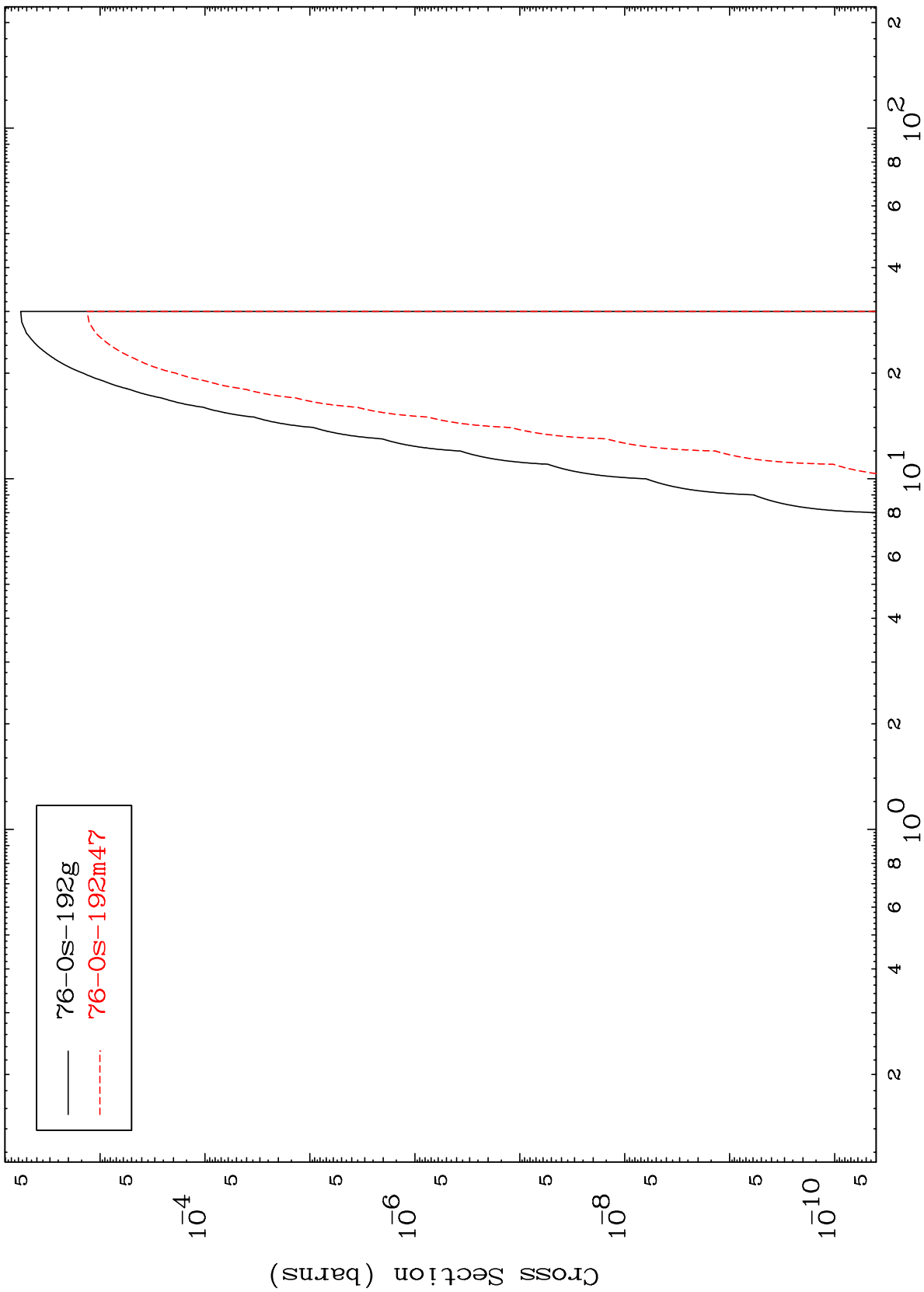
77-Ir-196

MAT 7740

$(n, n') \alpha$

$^{77}\text{Ir-196}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

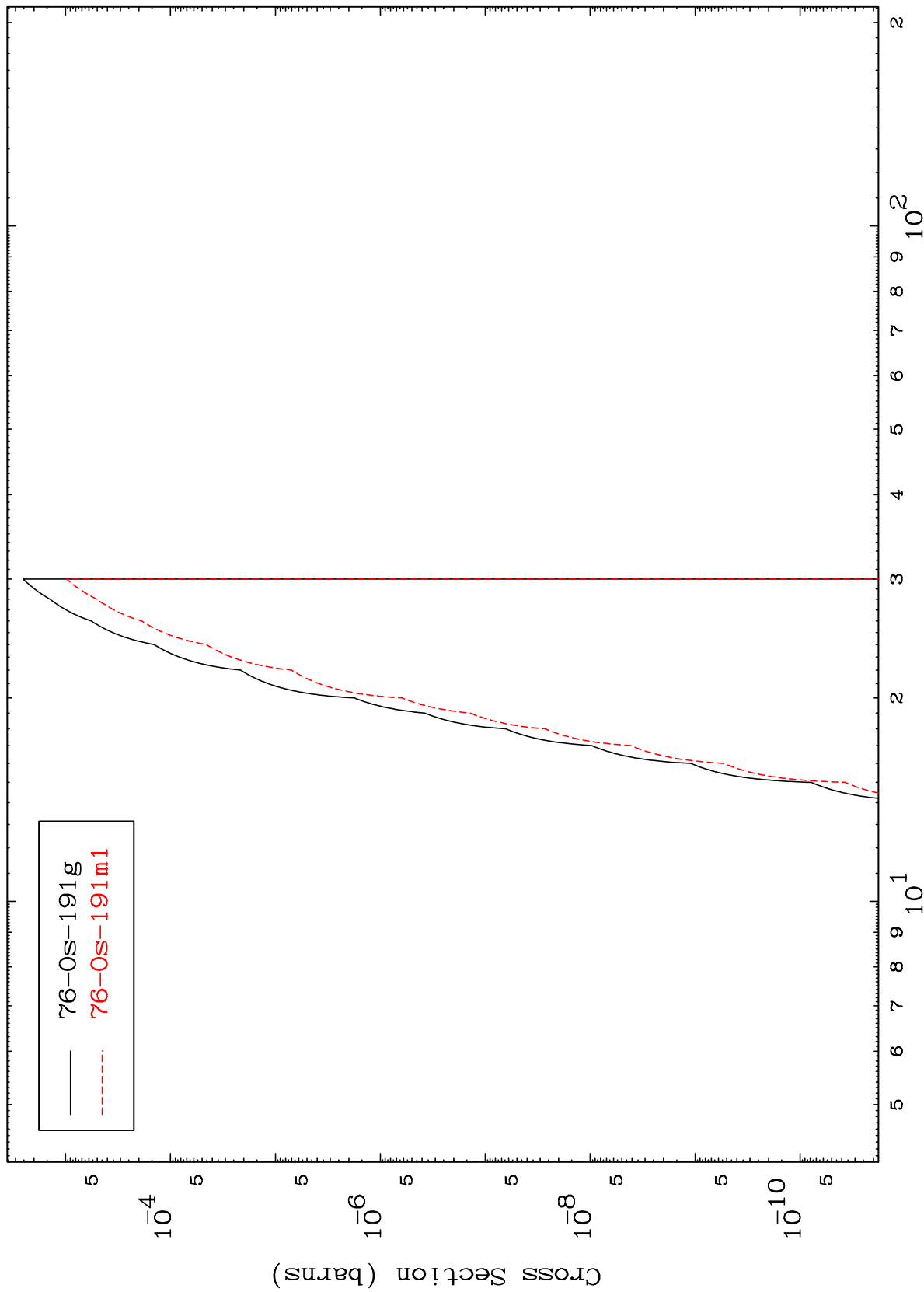
$^{77}\text{Ir-196}$

MAT 7740

$(n,2n) \alpha$

$^{77}\text{Ir-196}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

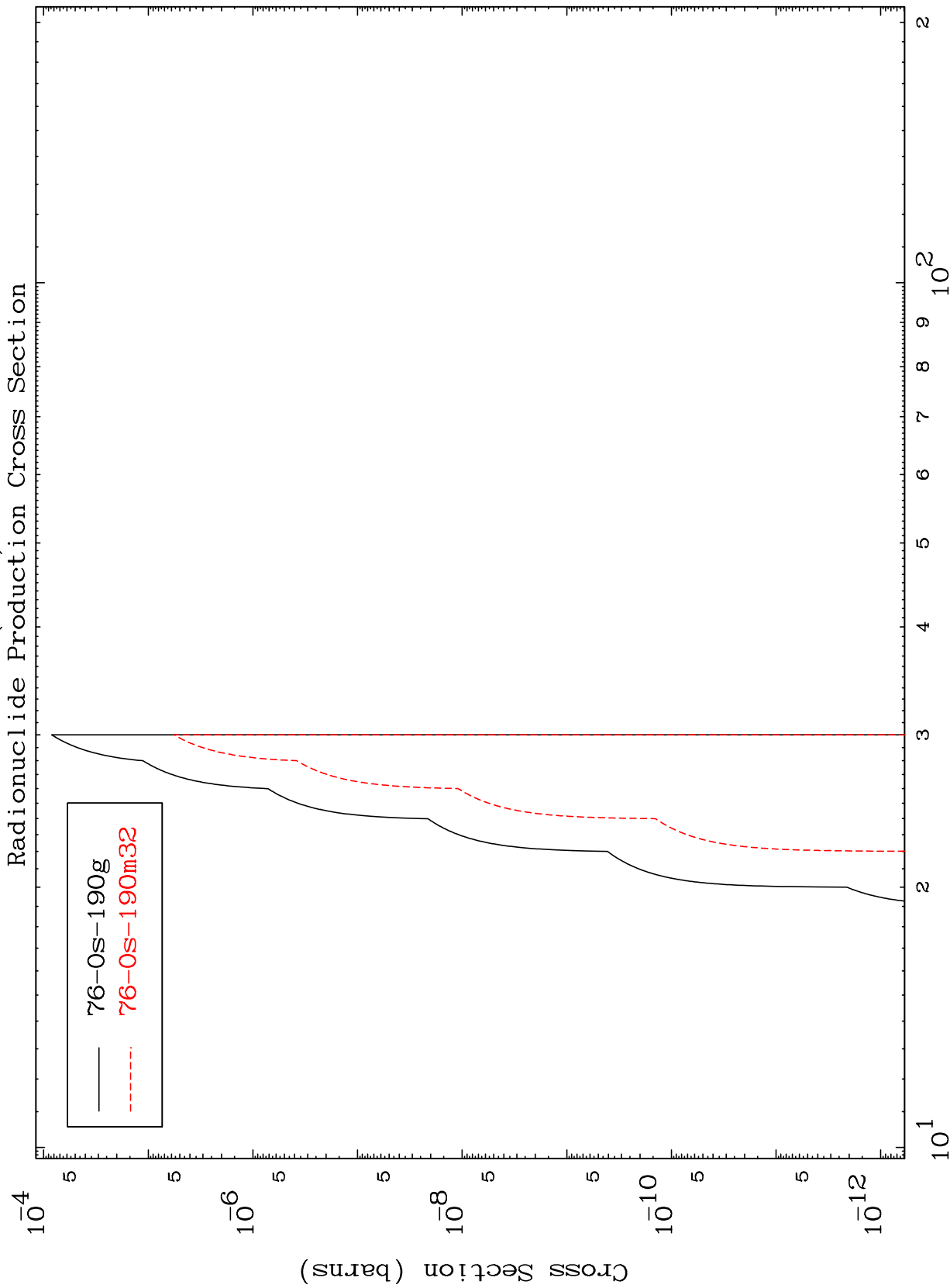
$^{77}\text{Ir-196}$

MAT 7740

(n,3n) α

77-Ir-196

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-196

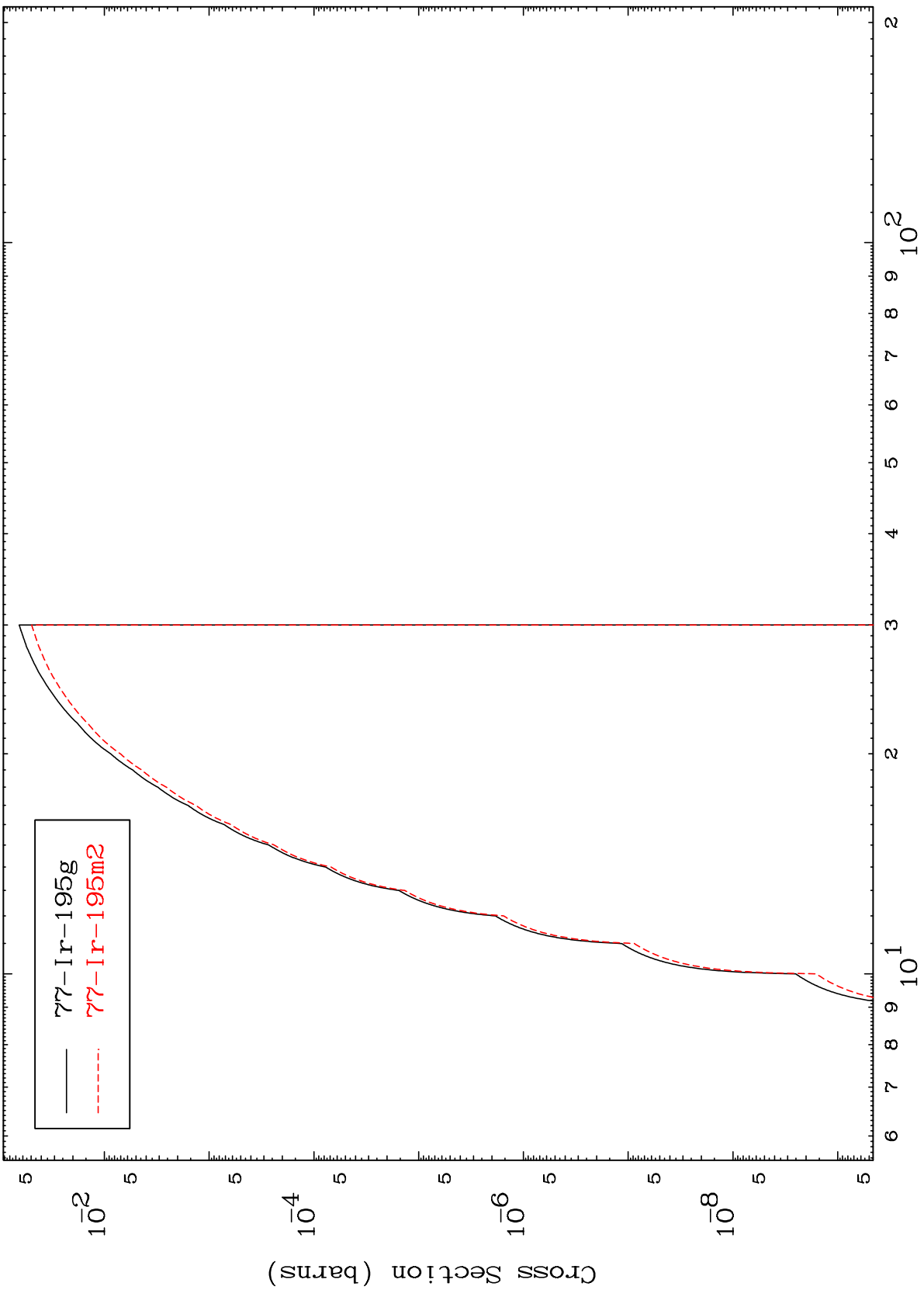
17

MAT 7740

(n,n') p

⁷⁷Ir-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

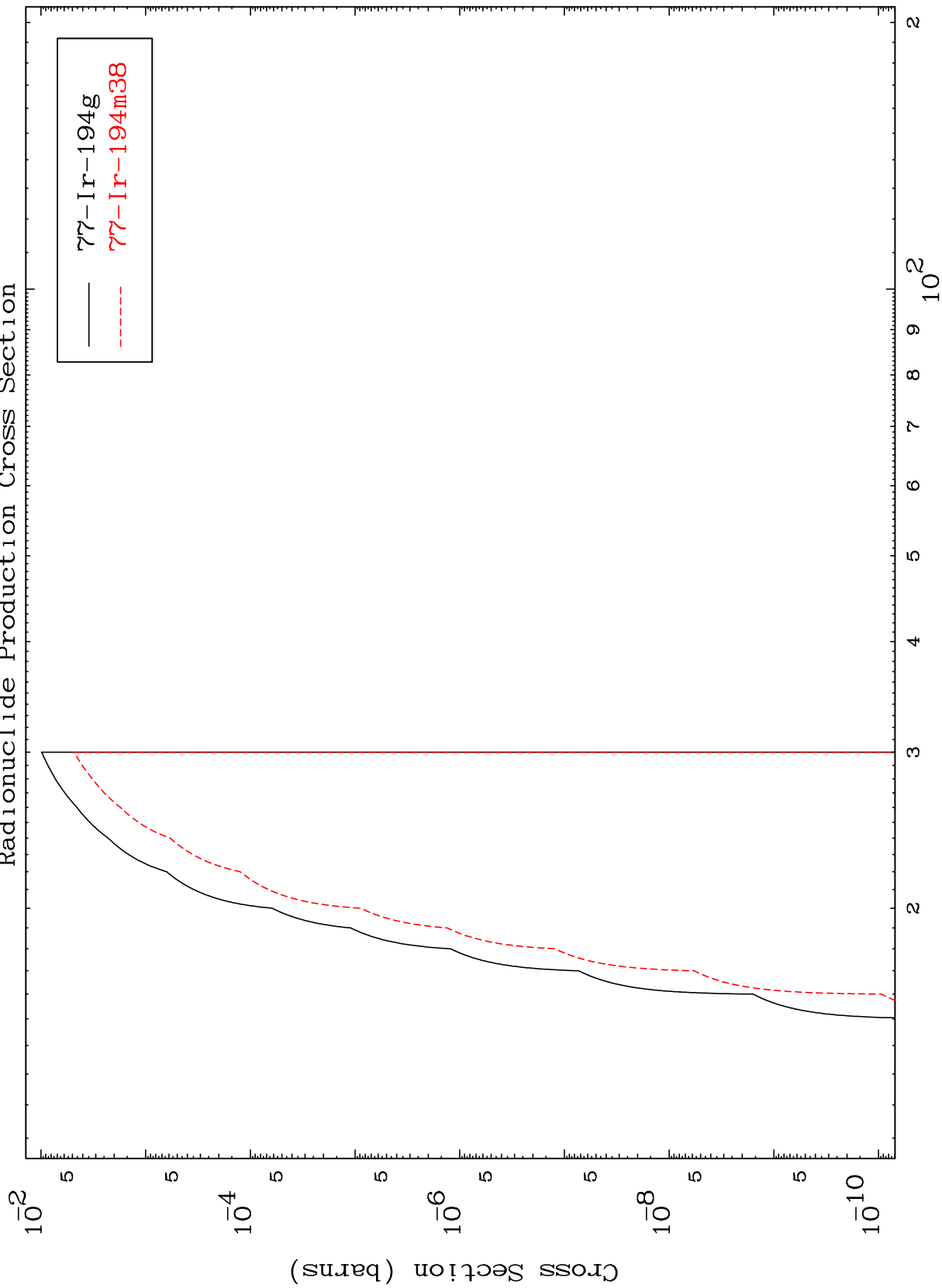
⁷⁷Ir-196

MAT 7740

(n,n') d

77-Ir-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

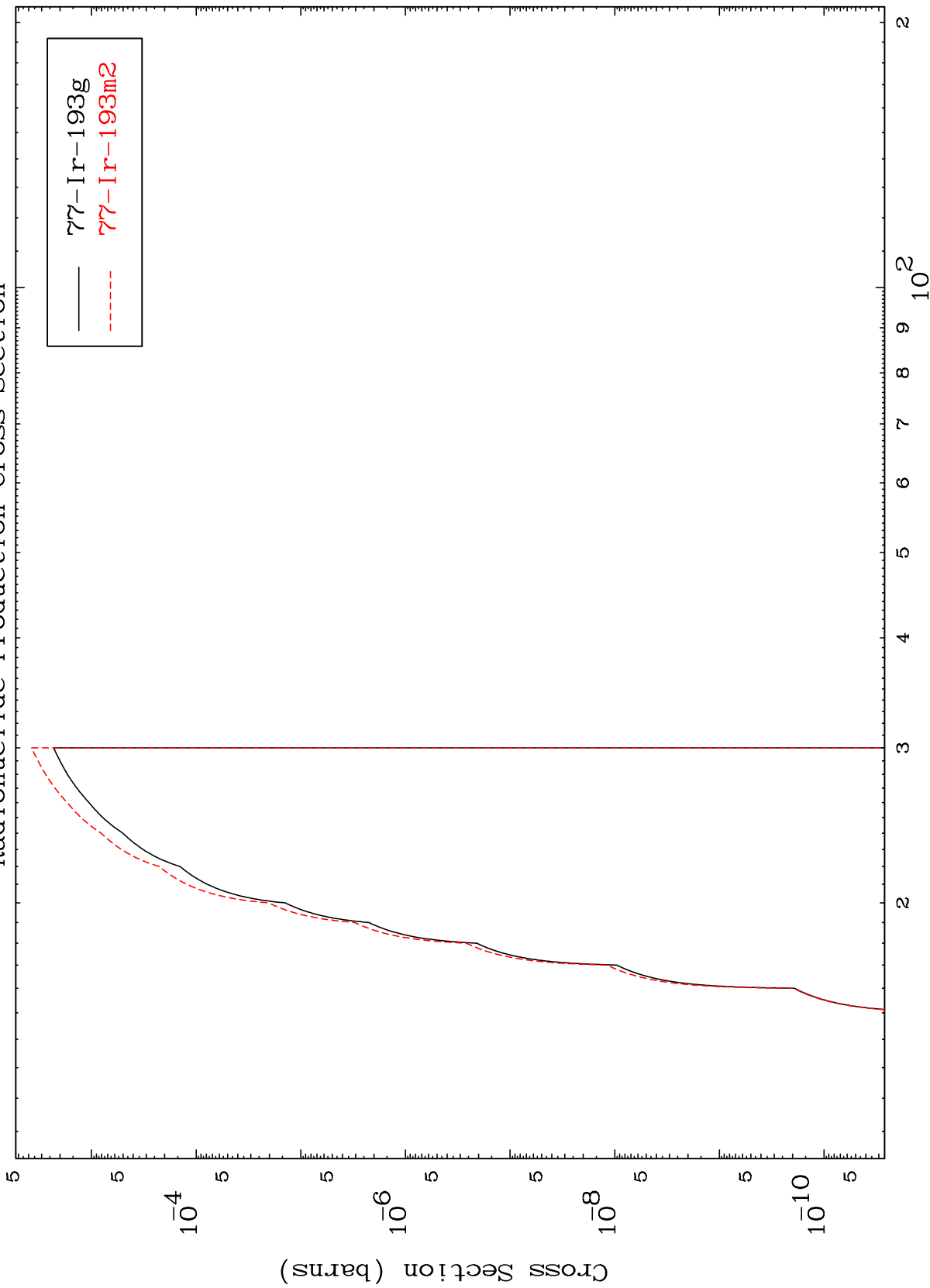
77-Ir-196

MAT 7740

(n,n') t

77-Ir-196

Radionuclide Production Cross Section



20

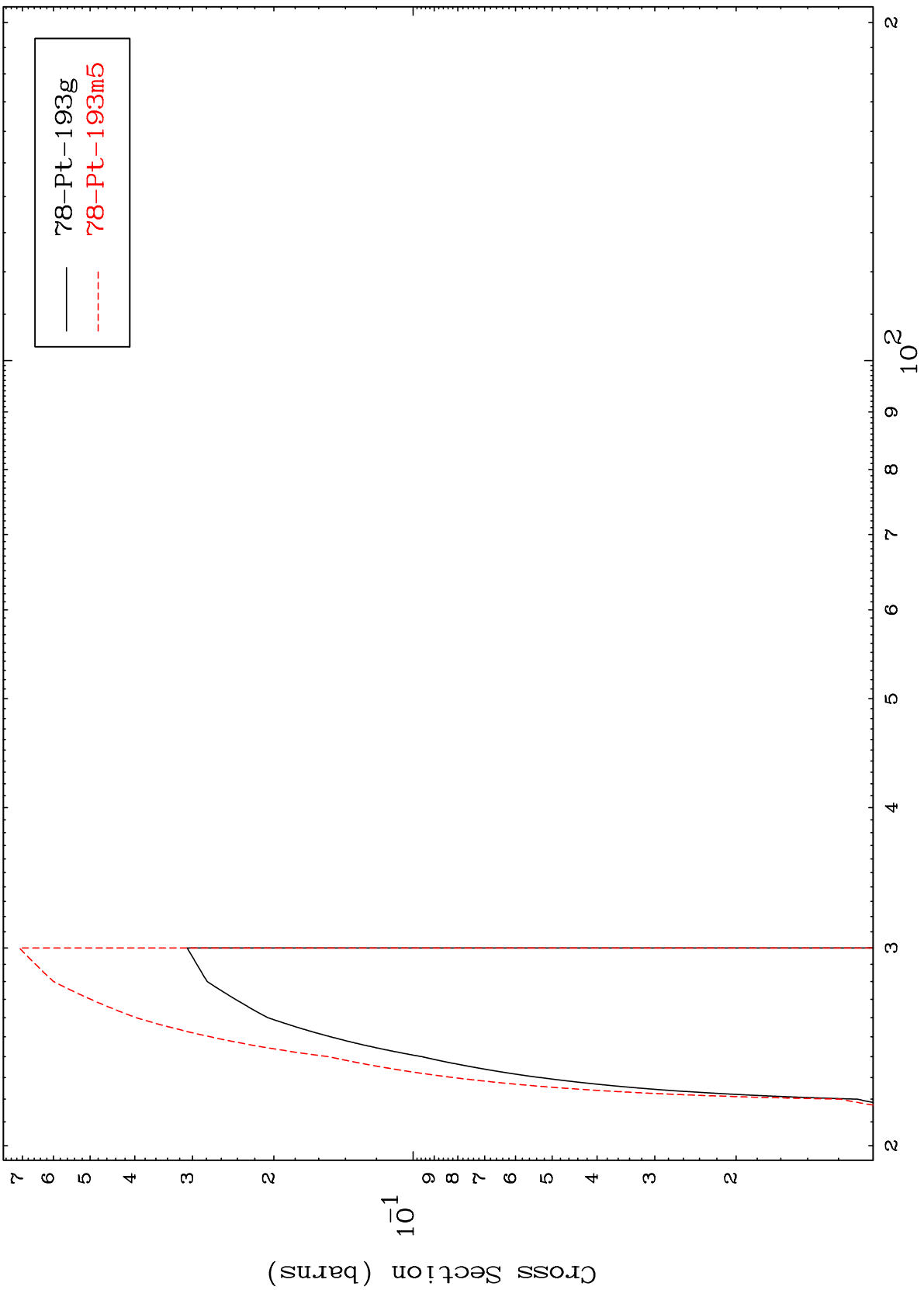
Incident Energy (MeV)

77-Ir-196

MAT 7740

77-Ir-196

(n,4n)
Radionuclide Production Cross Section



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

21

Incident Energy (MeV)

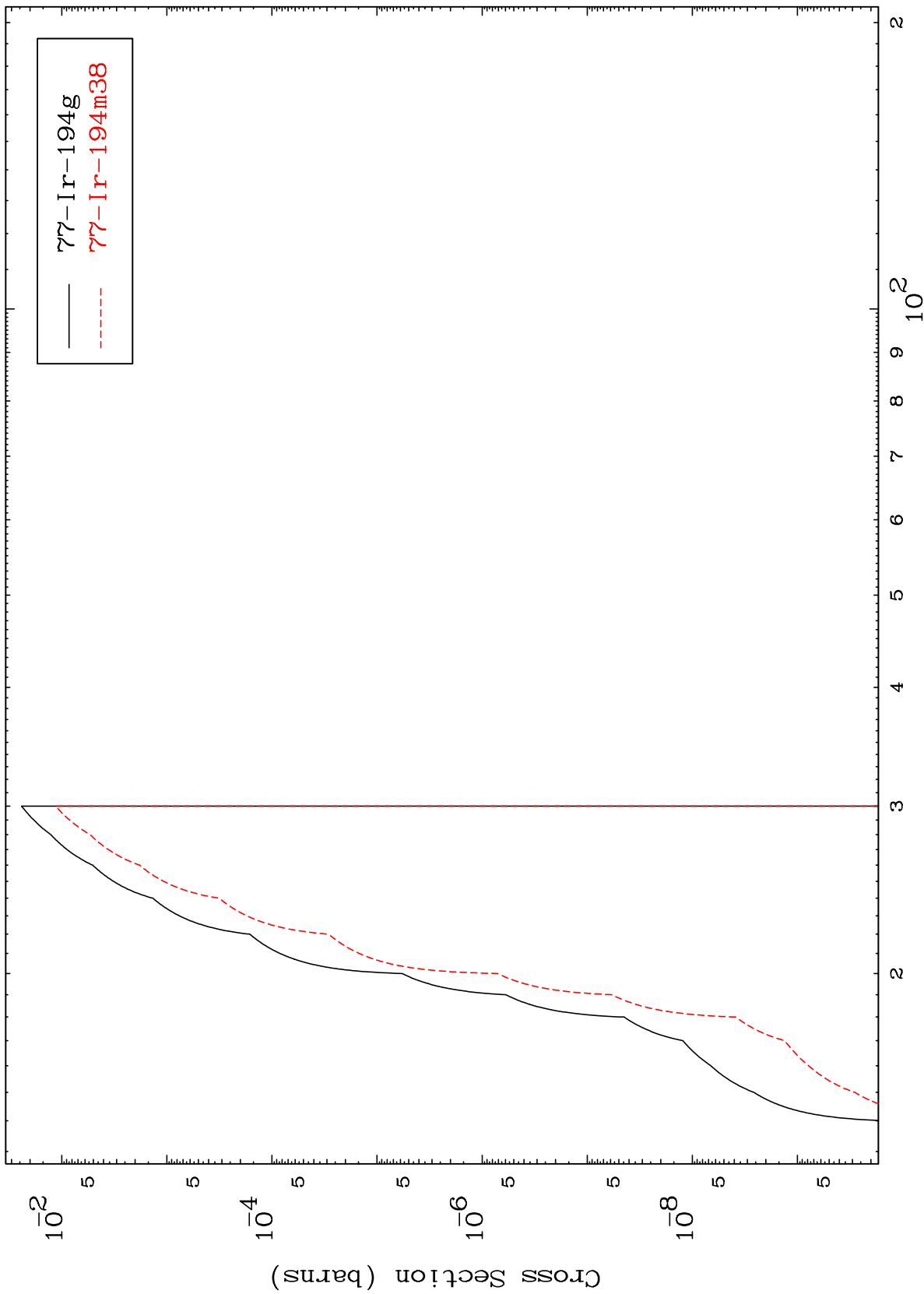
77-Ir-196

MAT 7740

(n,2n) p

77-Ir-196

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-196

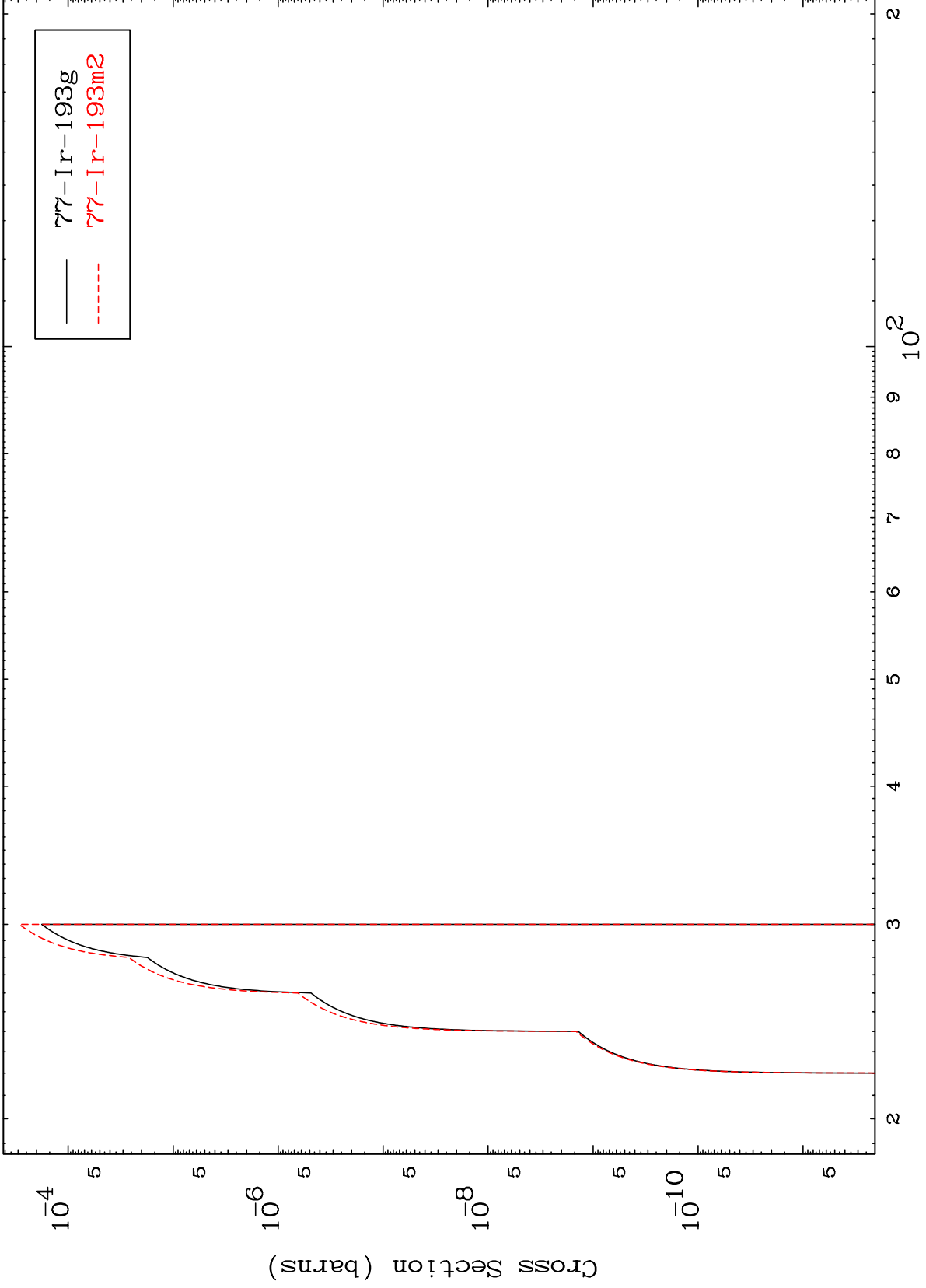
22

MAT 7740

(n,3n) p

77-Ir-196

Radionuclide Production Cross Section



23

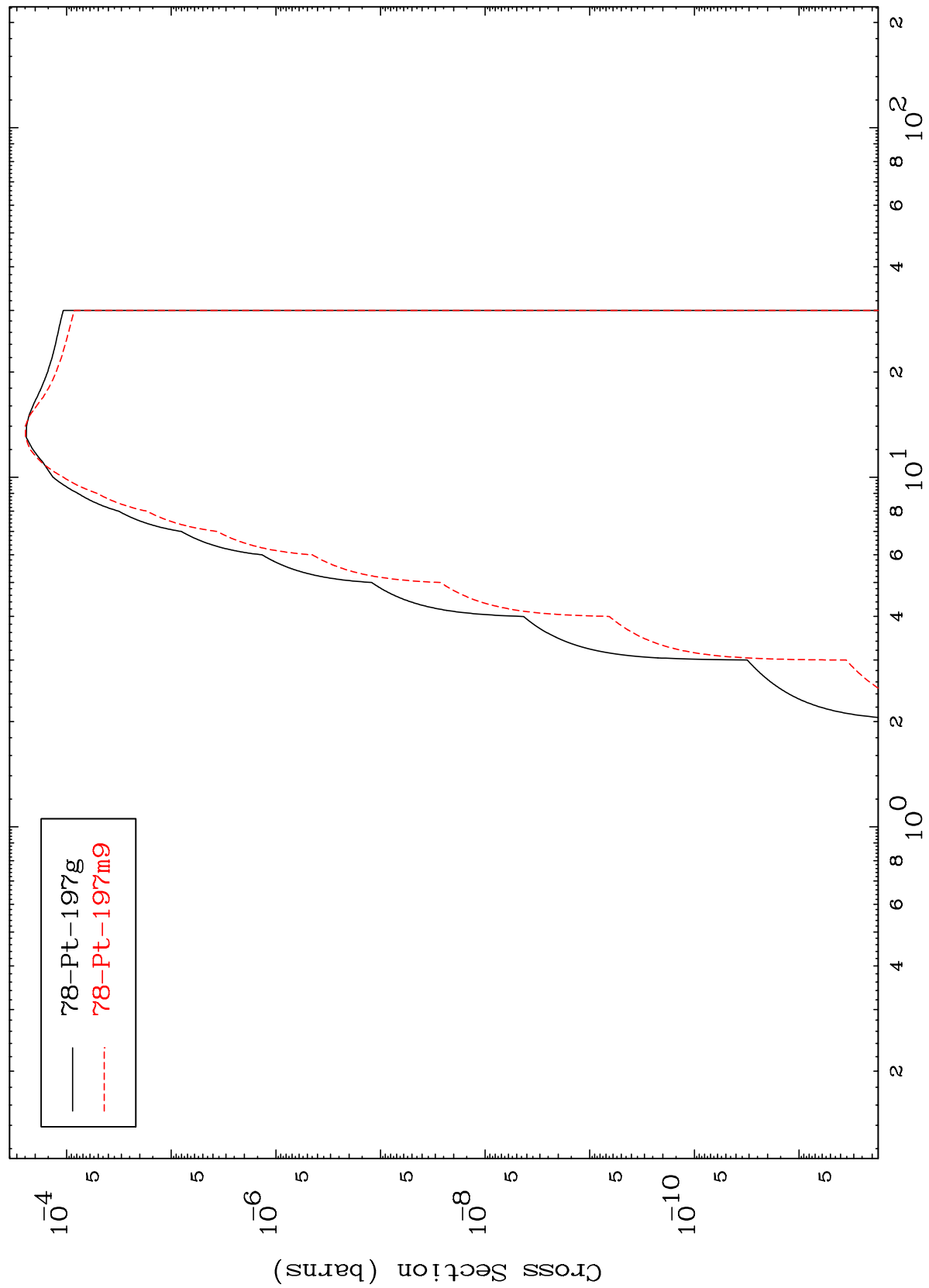
Incident Energy (MeV)

77-Ir-196

MAT 7740

77-Ir-196

(n, γ)
Radionuclide Production Cross Section

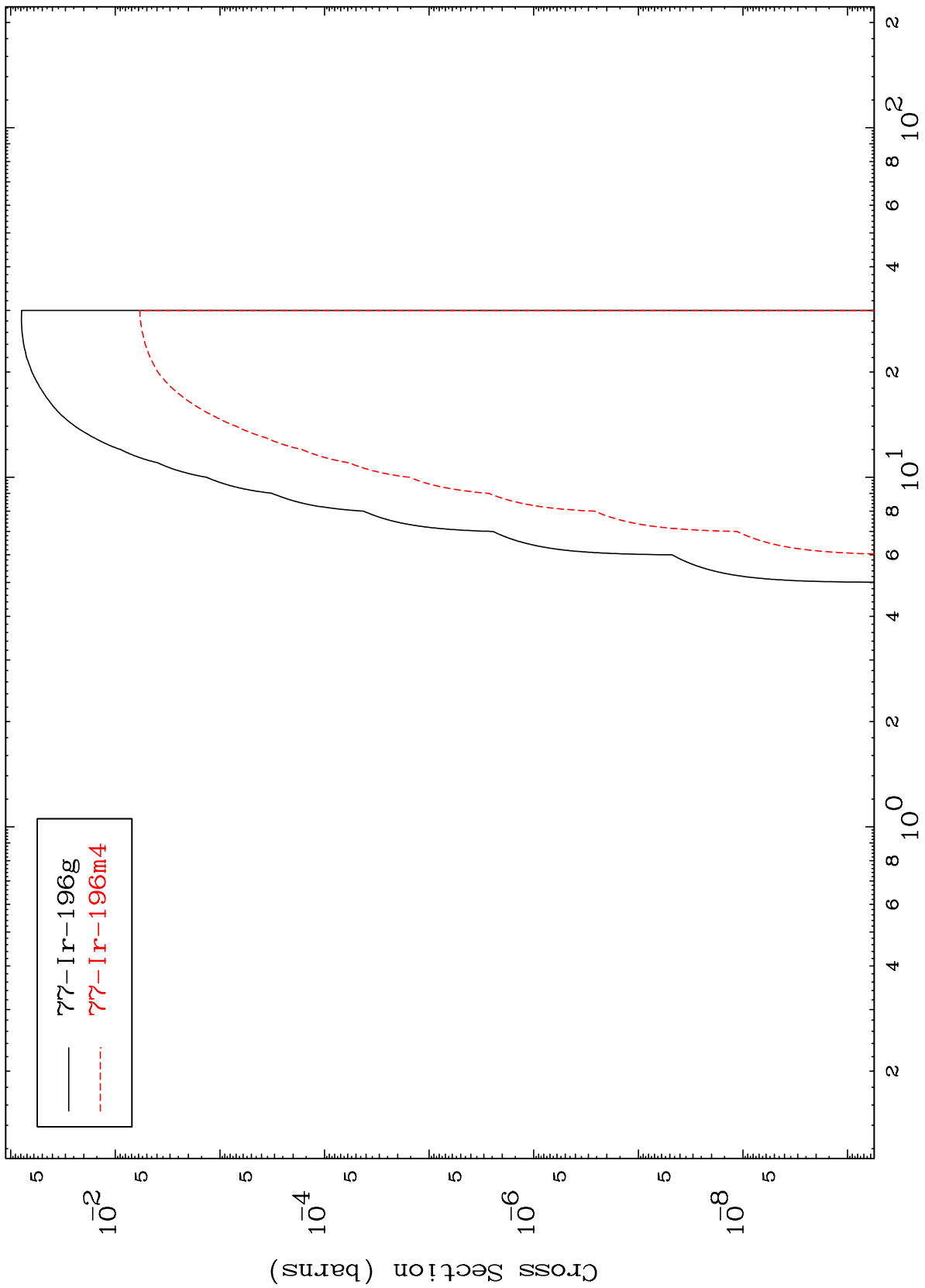


— 78-Pt-197g
- - - 78-Pt-197m9

MAT 7740

77-Ir-196

(n,p)
Radionuclide Production Cross Section



25

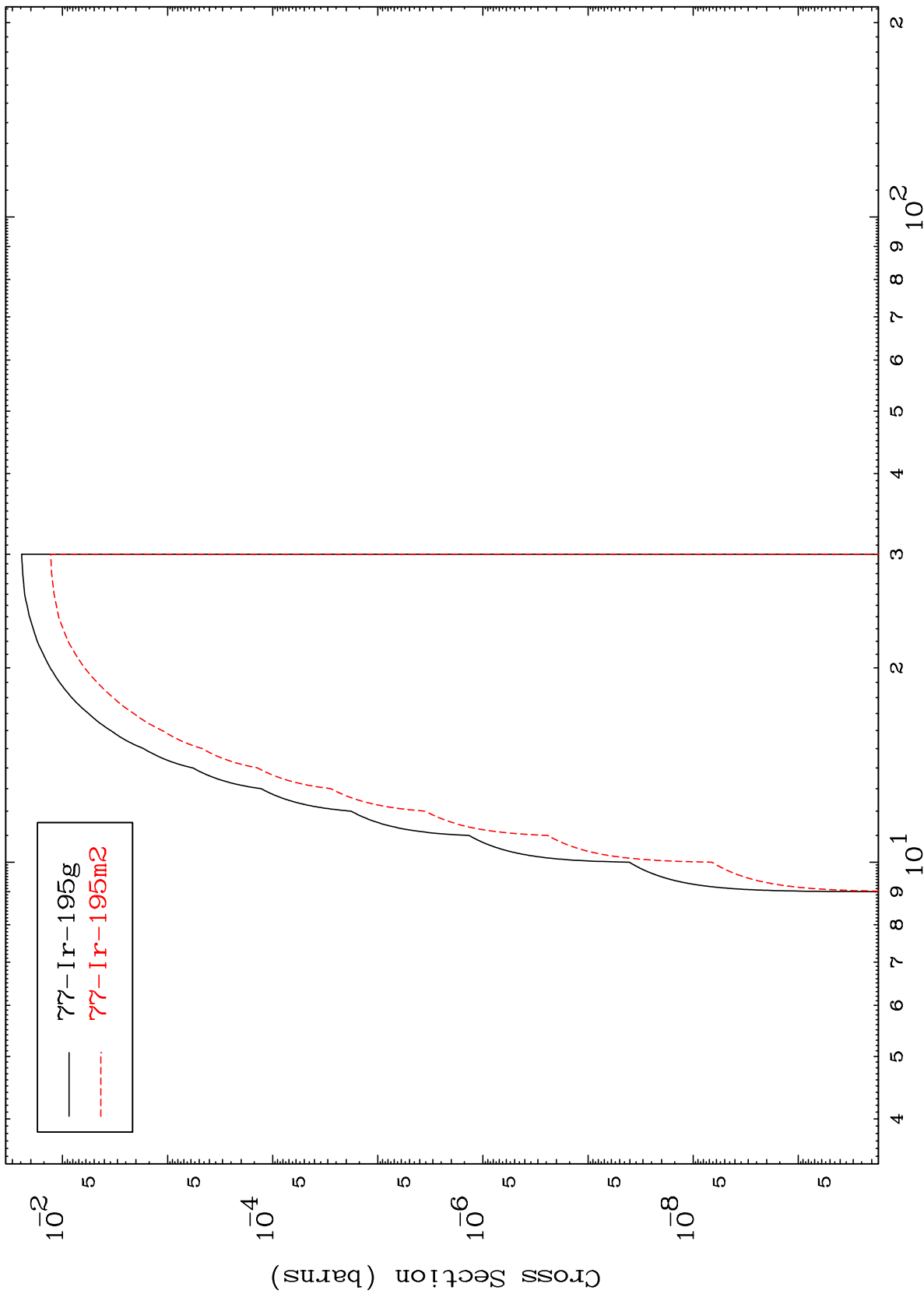
77-Ir-196

Incident Energy (MeV)

MAT 7740

77-Ir-196

Radionuclide Production Cross Section (n,d)



Legend:
— $^{77}\text{Ir-195g}$
- - - $^{77}\text{Ir-195m2}$

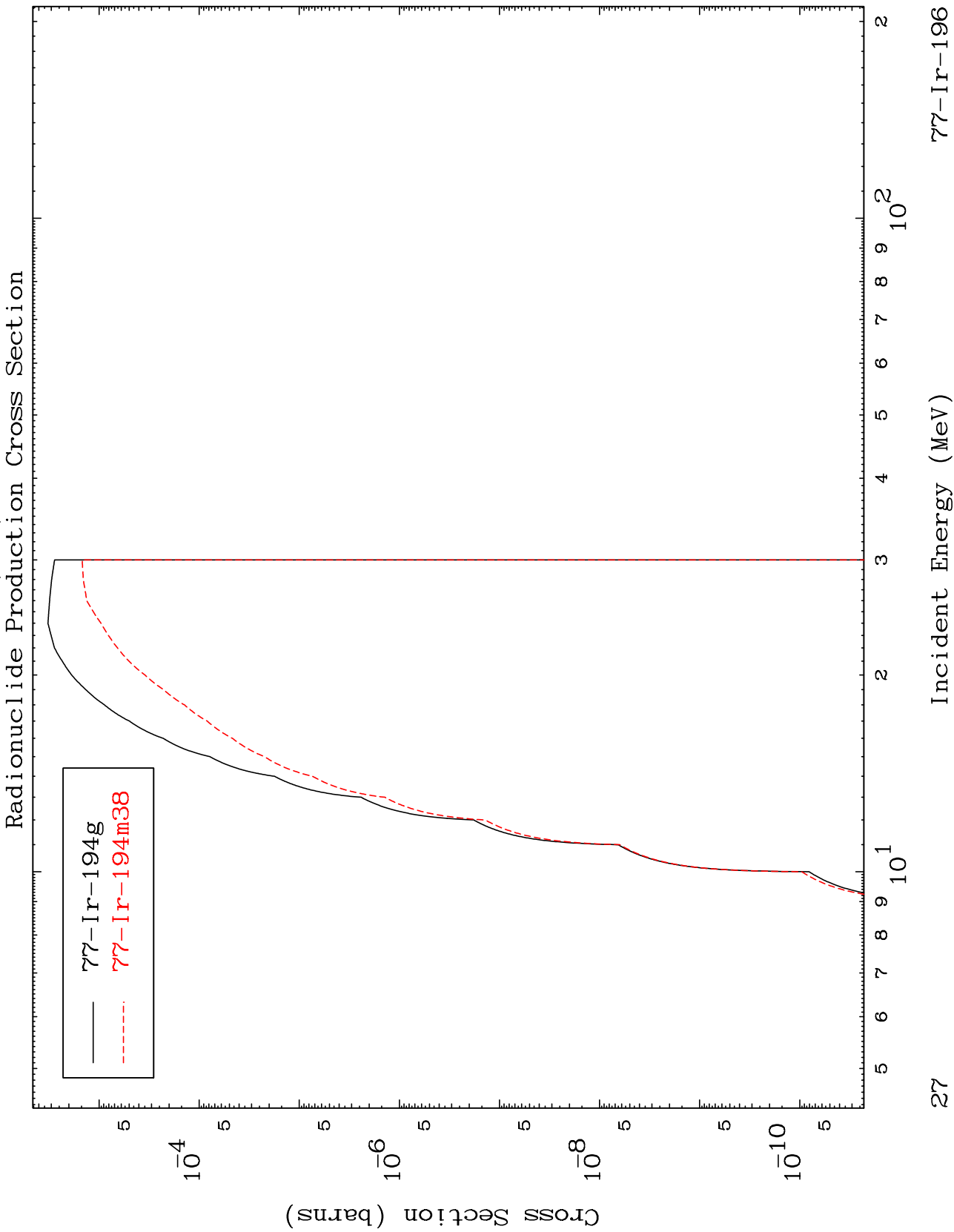
26

Incident Energy (MeV)

77-Ir-196

MAT 7740

⁷⁷Ir-196

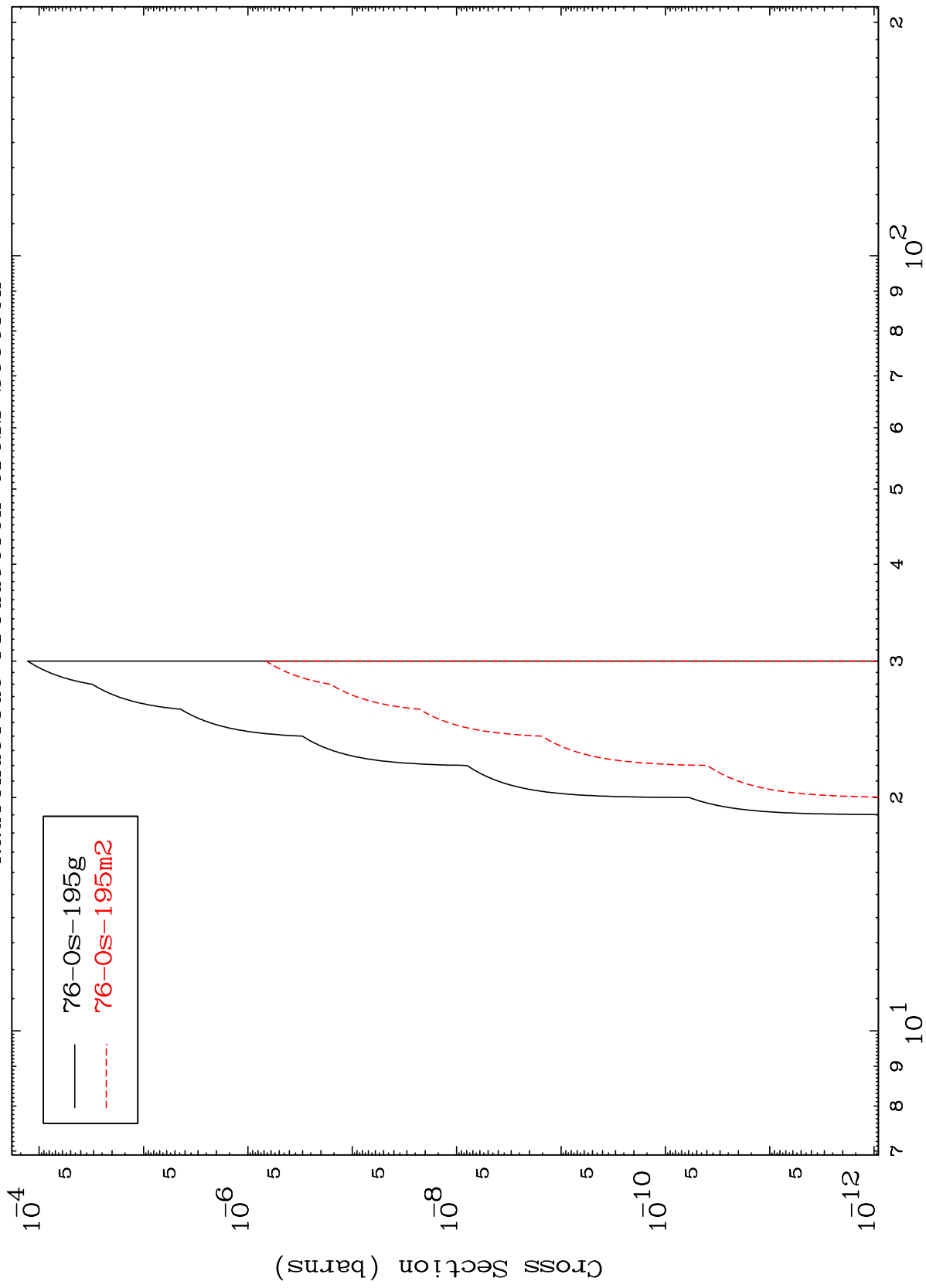


27

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⁷⁷Ir-196

Radionuclide Production Cross Section
(n,2p)



Incident Energy (MeV)

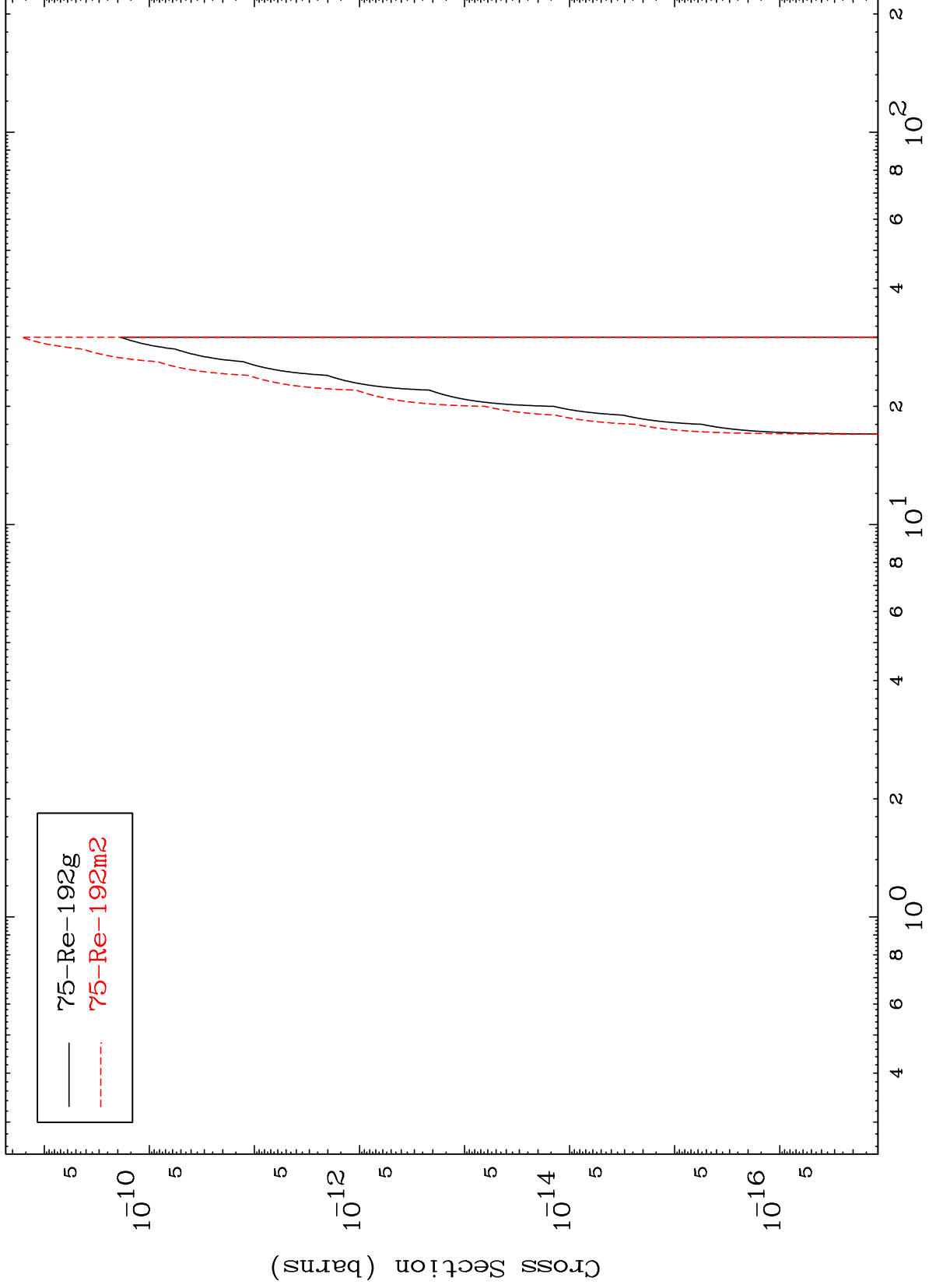
⁷⁷Ir-196

MAT 7740

(n,p) α

⁷⁷Ir-196

Radionuclide Production Cross Section



75-Re-192g
75-Re-192m2