

Program EVALPLOT
(Version 2021-1)

by

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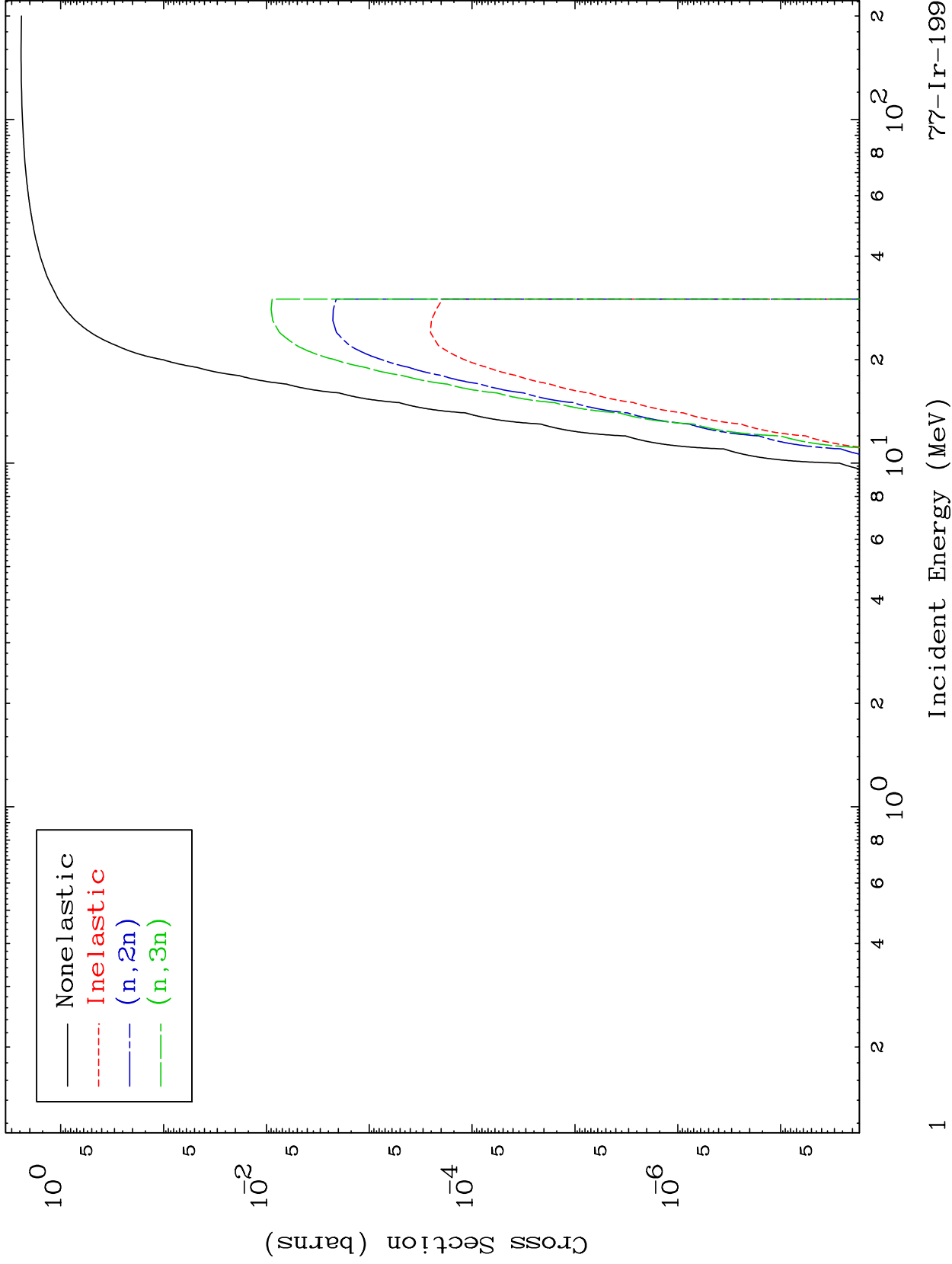
Press Mouse Button to Start

MAT 7749

He-3 Major

0 Kelvin Cross Sections

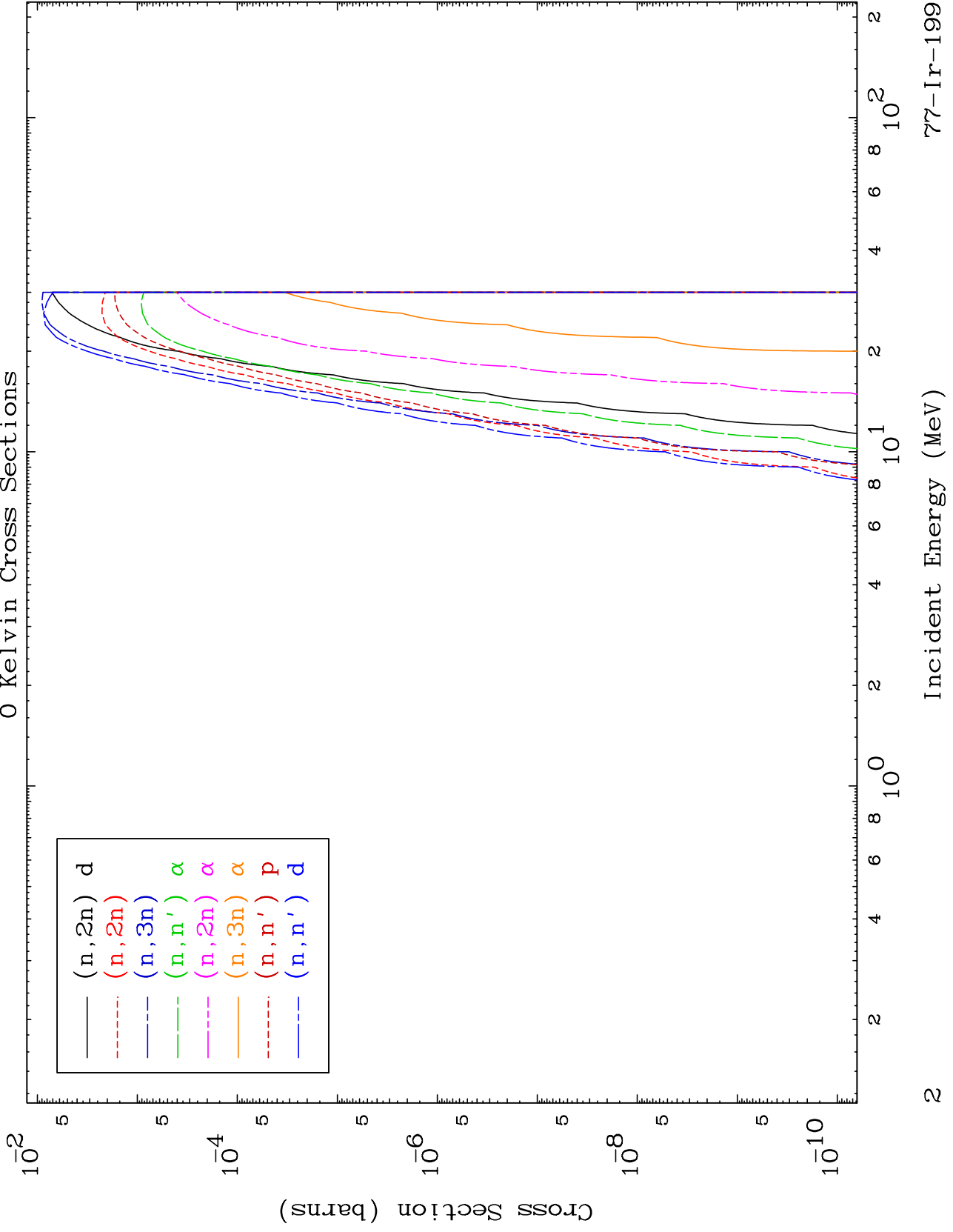
77-Ir-199



MAT 7749

He-3 Neutron Absorption
0 Kelvin Cross Sections

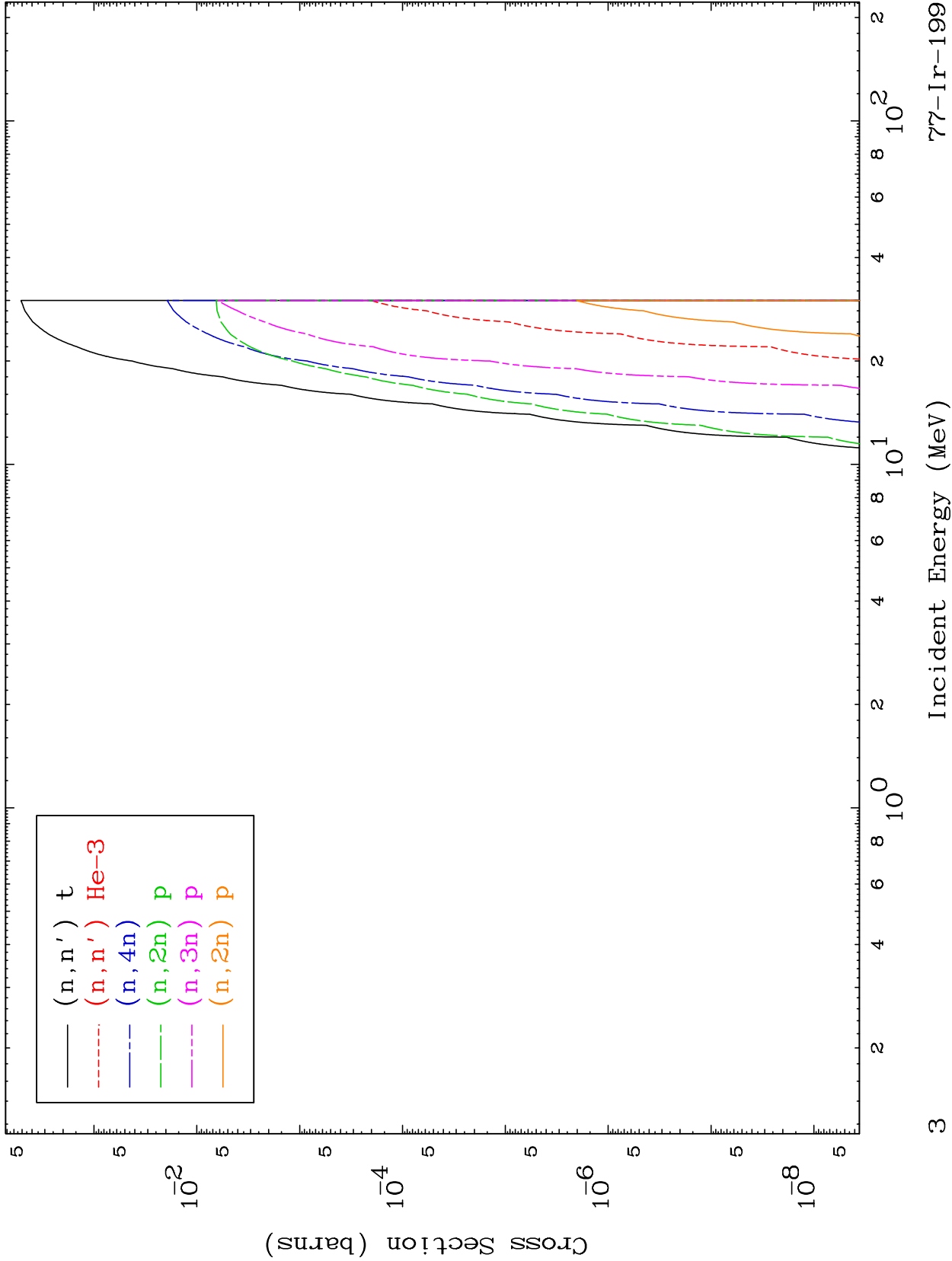
77-Ir-199

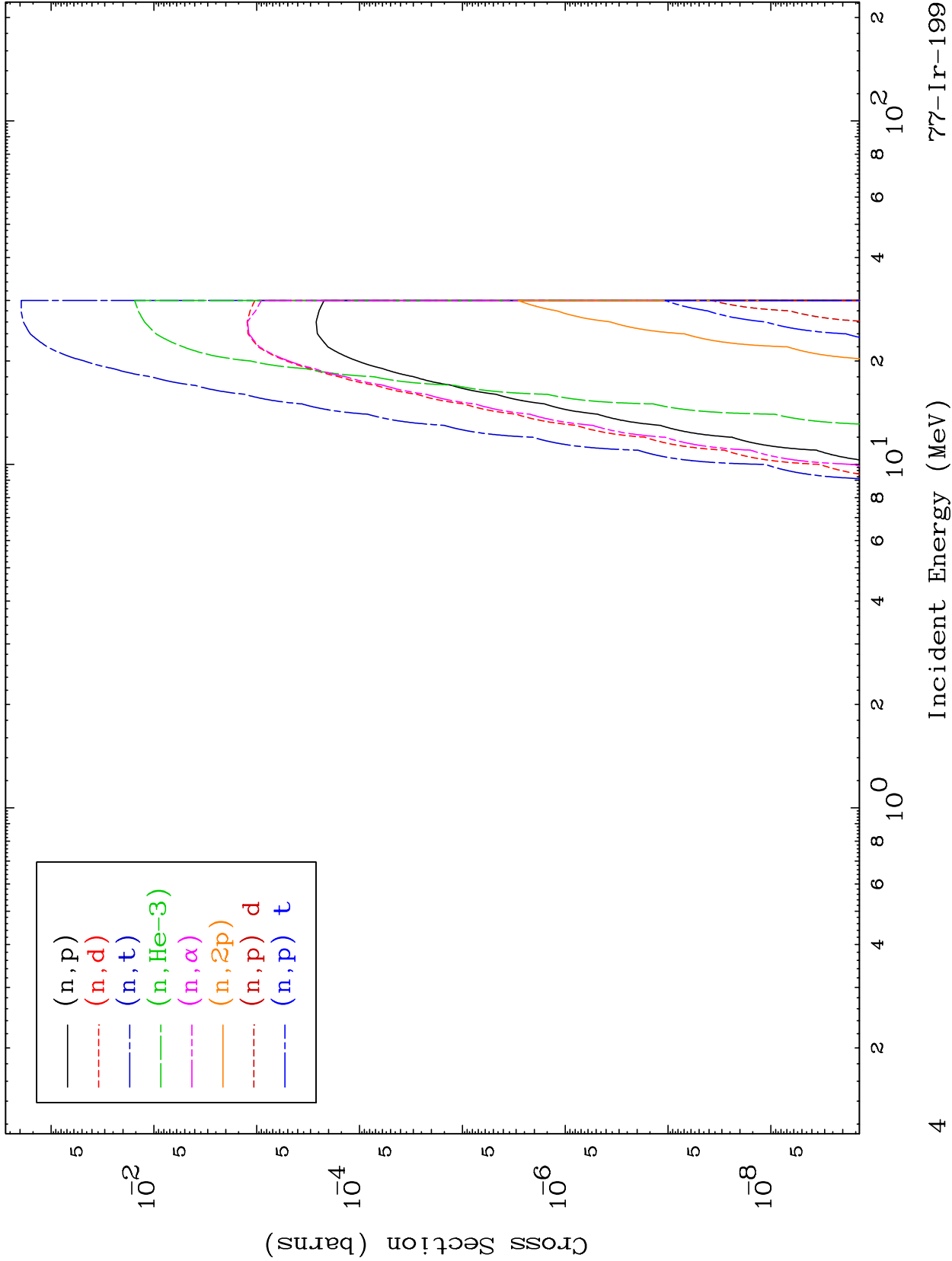


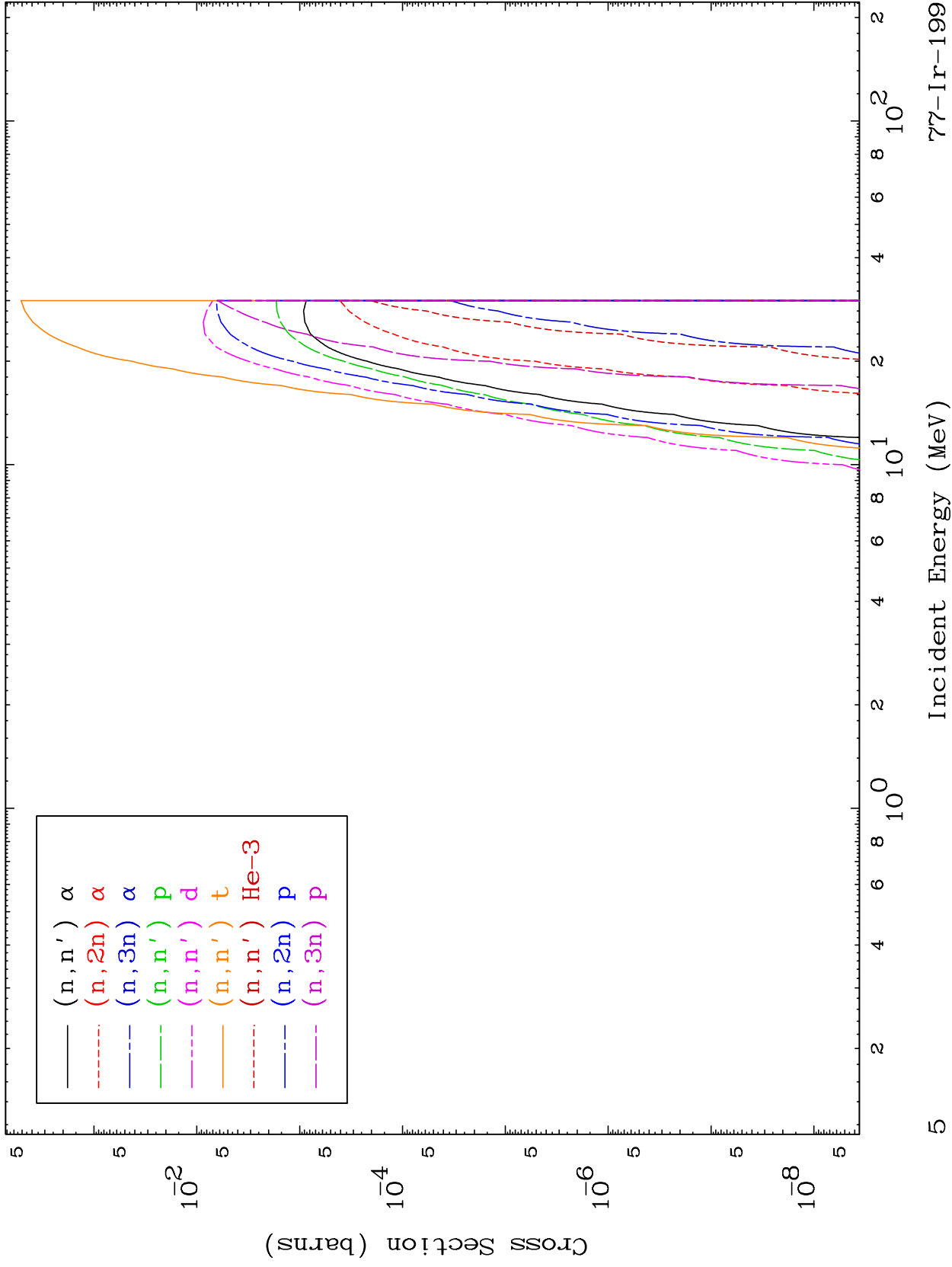
MAT 7749

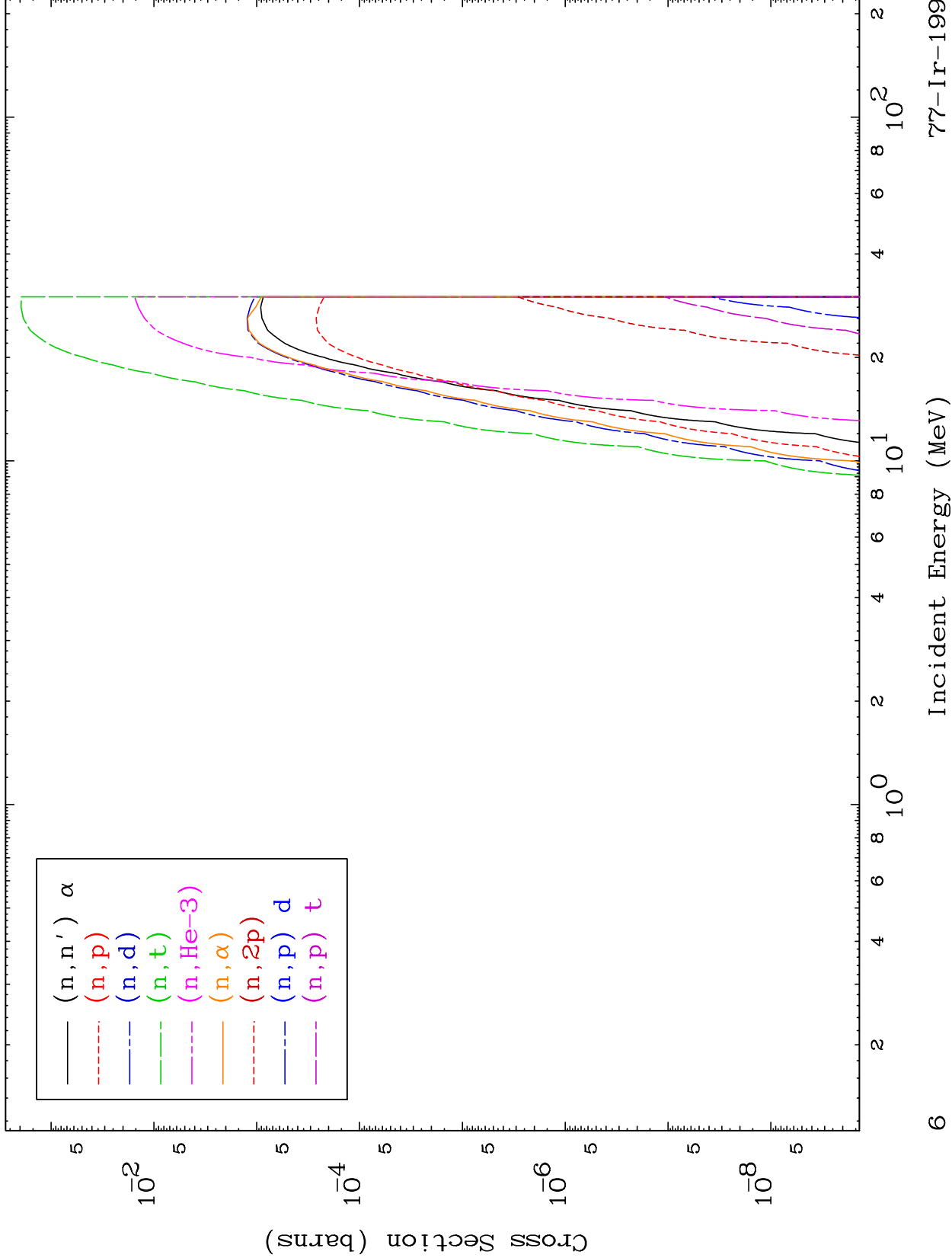
He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-199







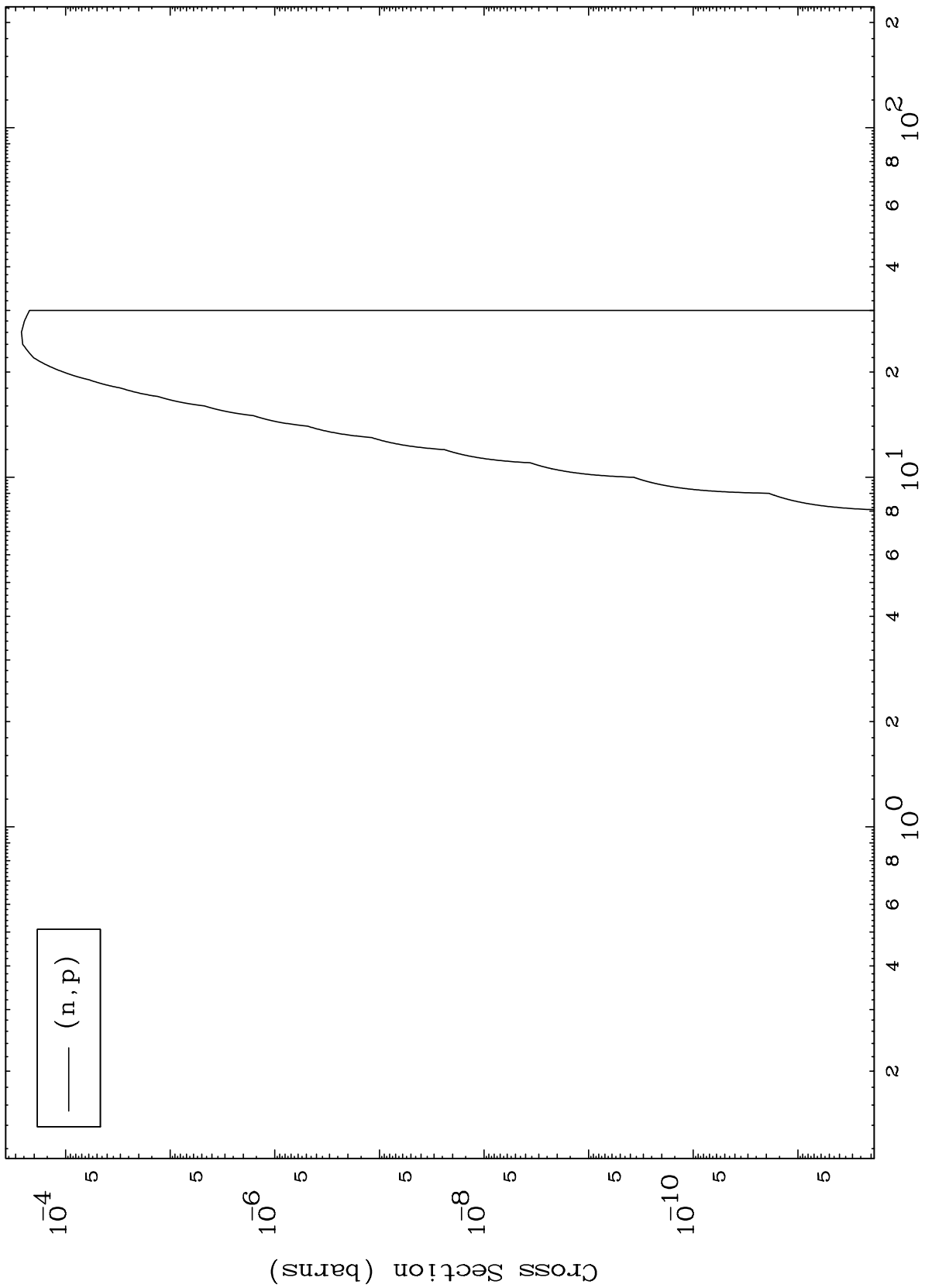


MAT 7749

(He-3,p) Levels

77-Ir-199

0 Kelvin Cross Sections

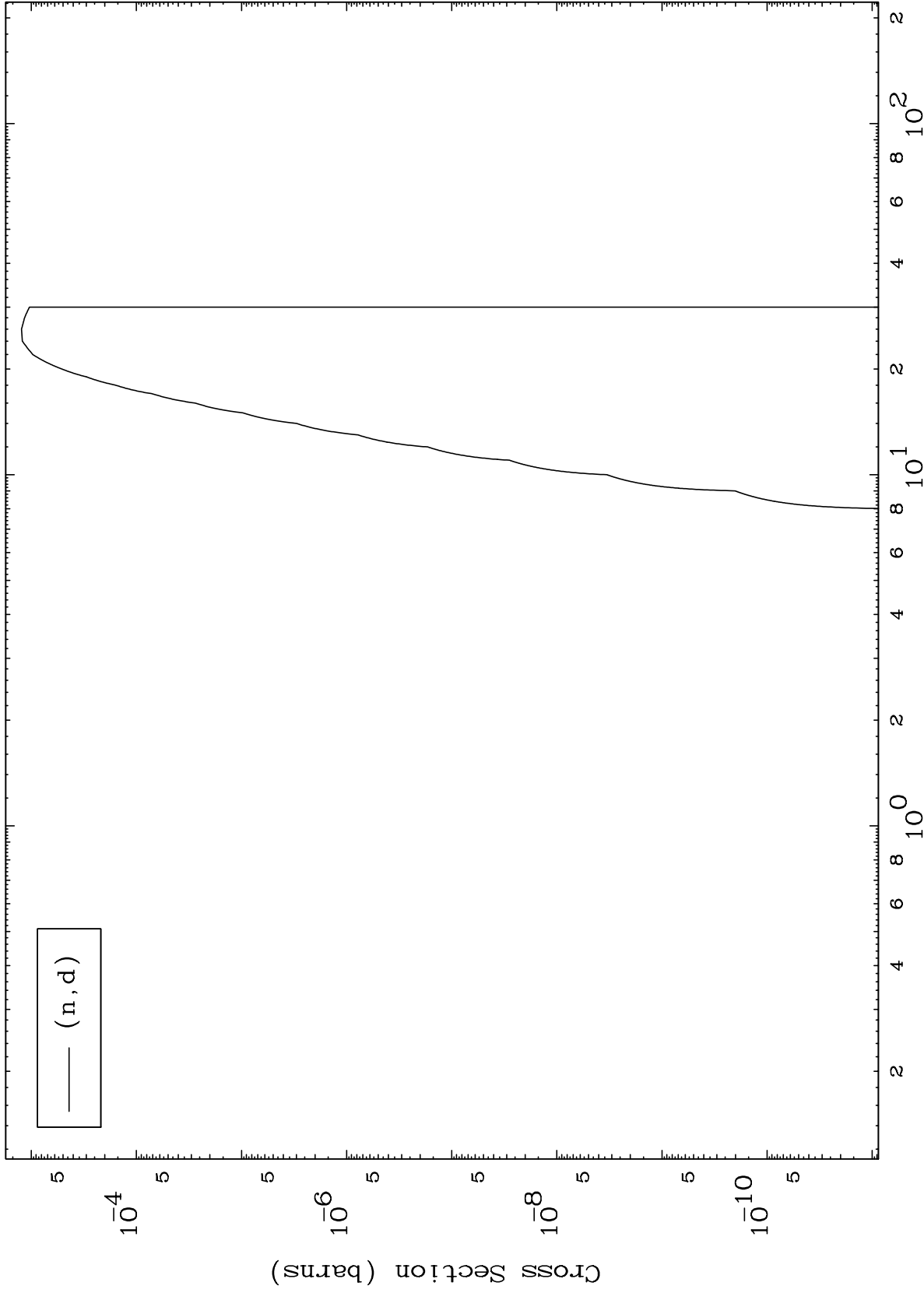


MAT 7749

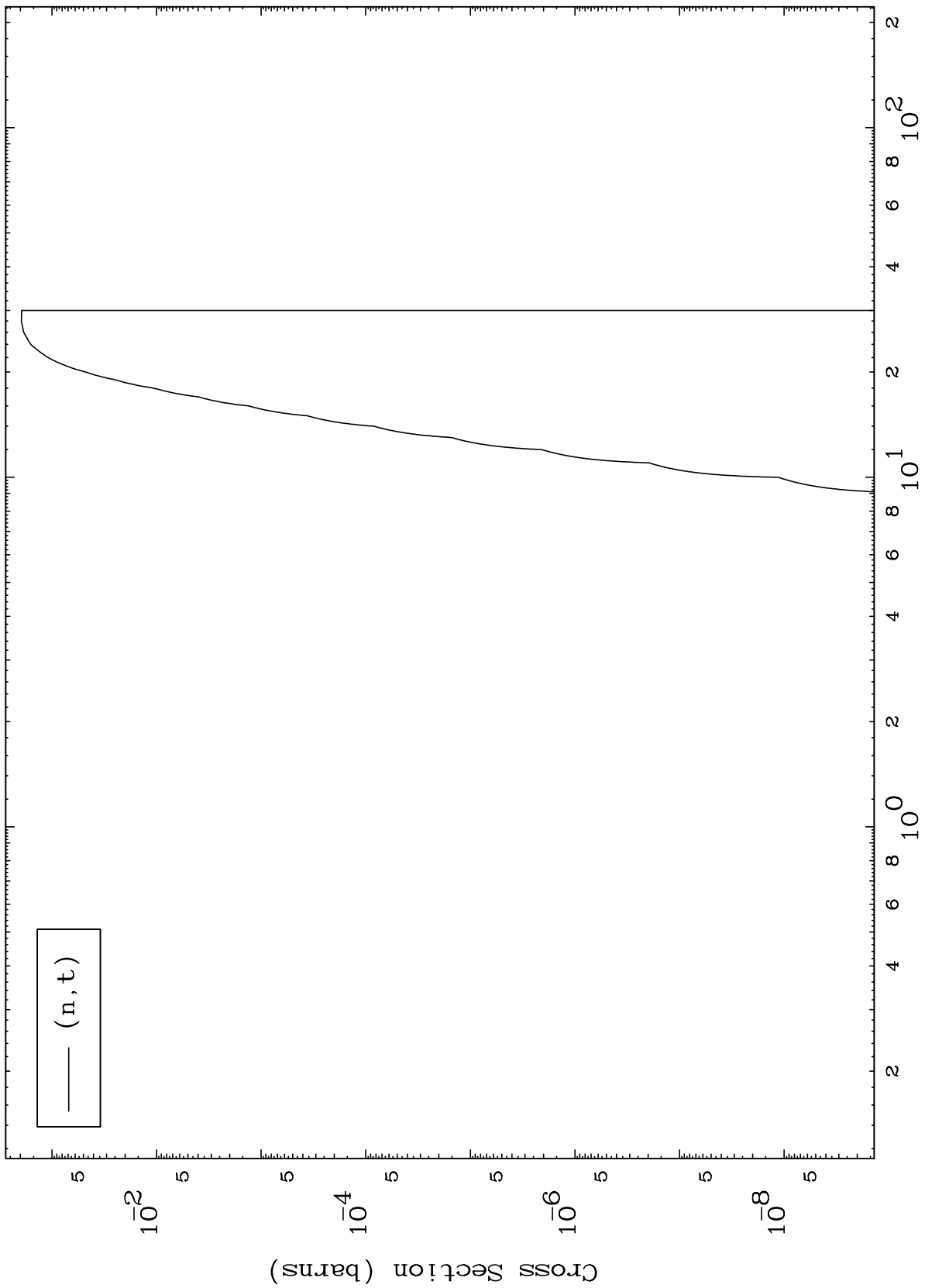
(He-3,d) Levels

77-Ir-199

0 Kelvin Cross Sections



0 Kelvin Cross Sections

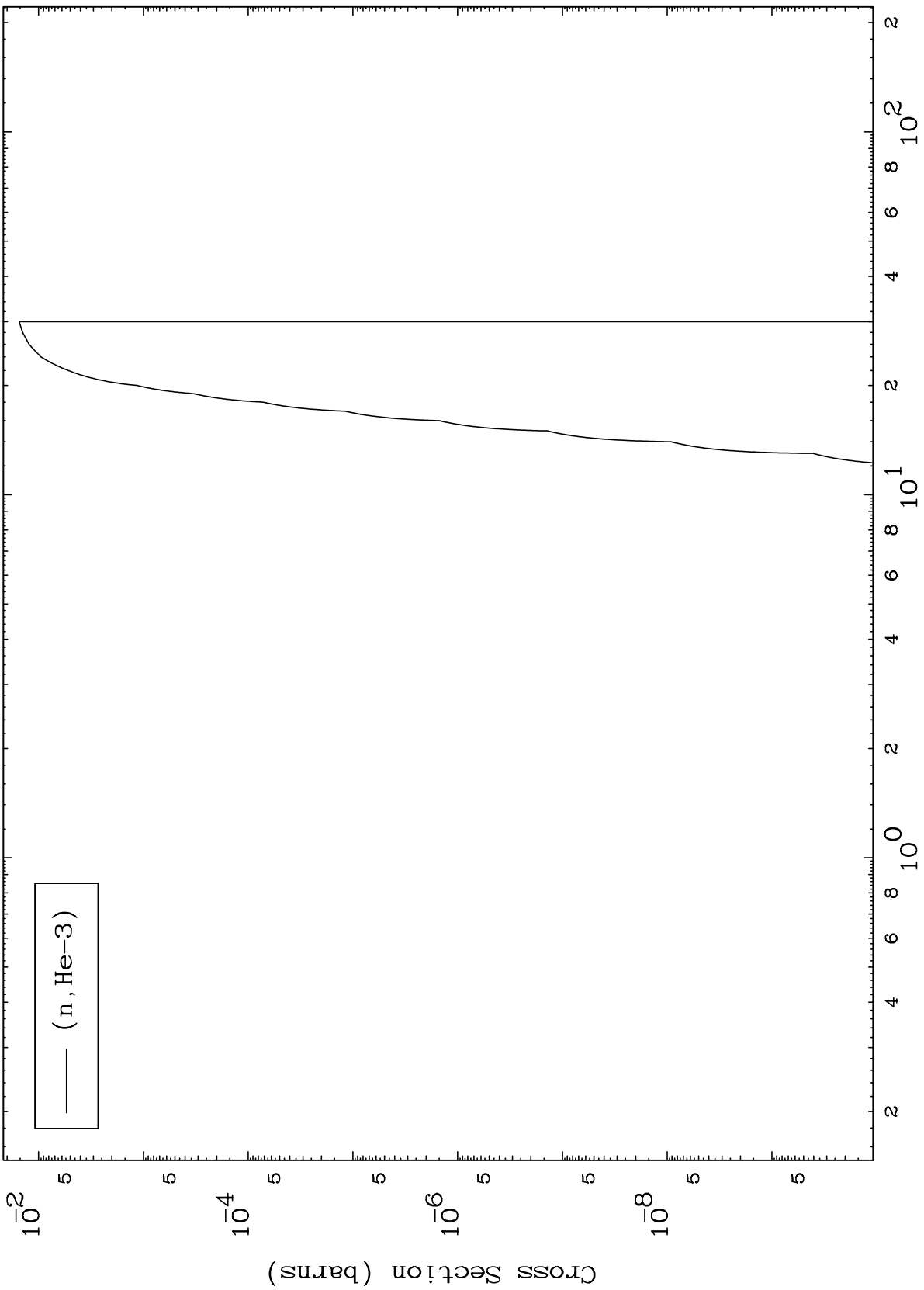


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(He-3, He3) Levels

77-Ir-199

0 Kelvin Cross Sections



10

Incident Energy (MeV)

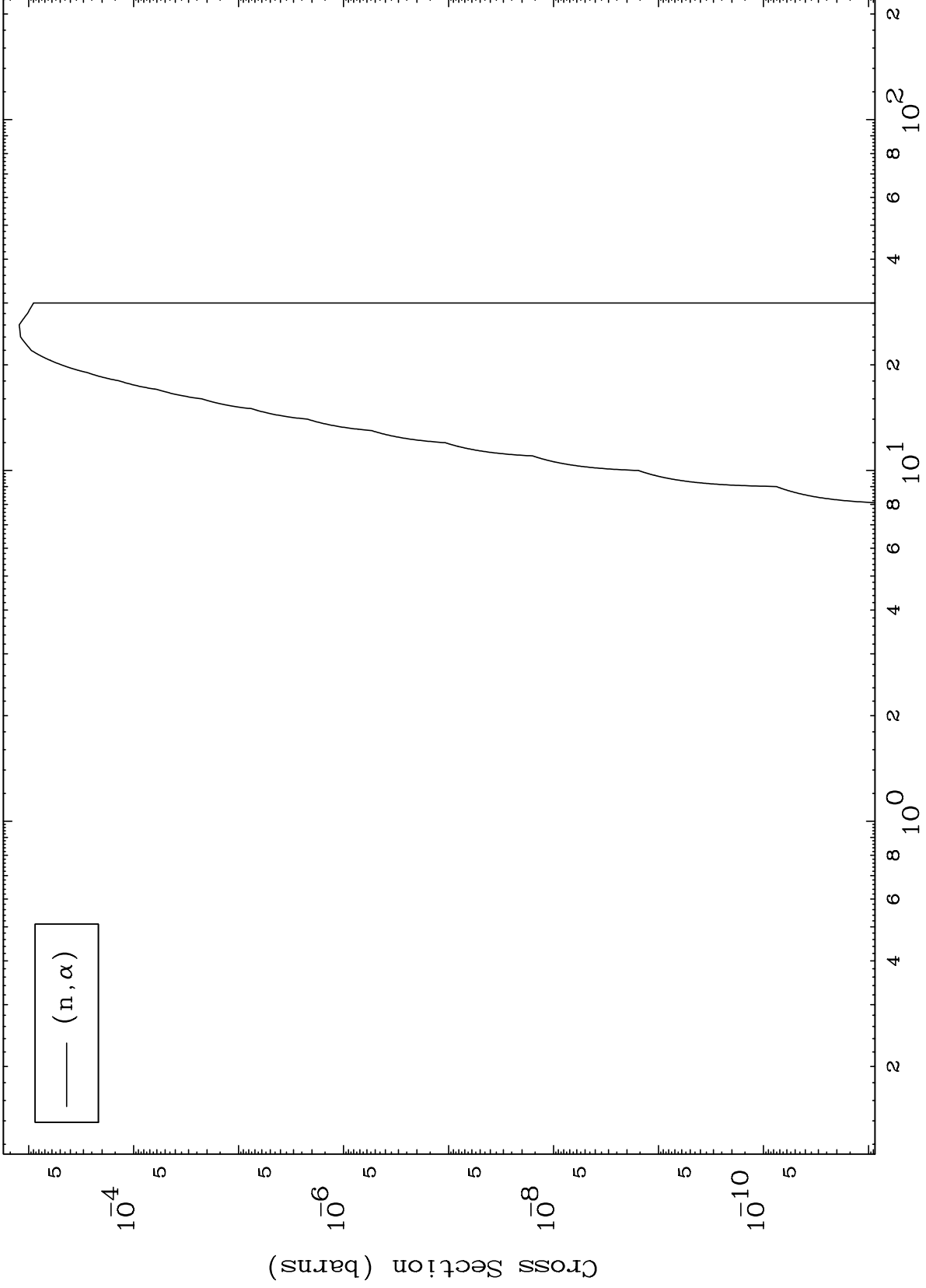
77-Ir-199

MAT 7749

(He-3, α) Levels

77-Ir-199

0 Kelvin Cross Sections

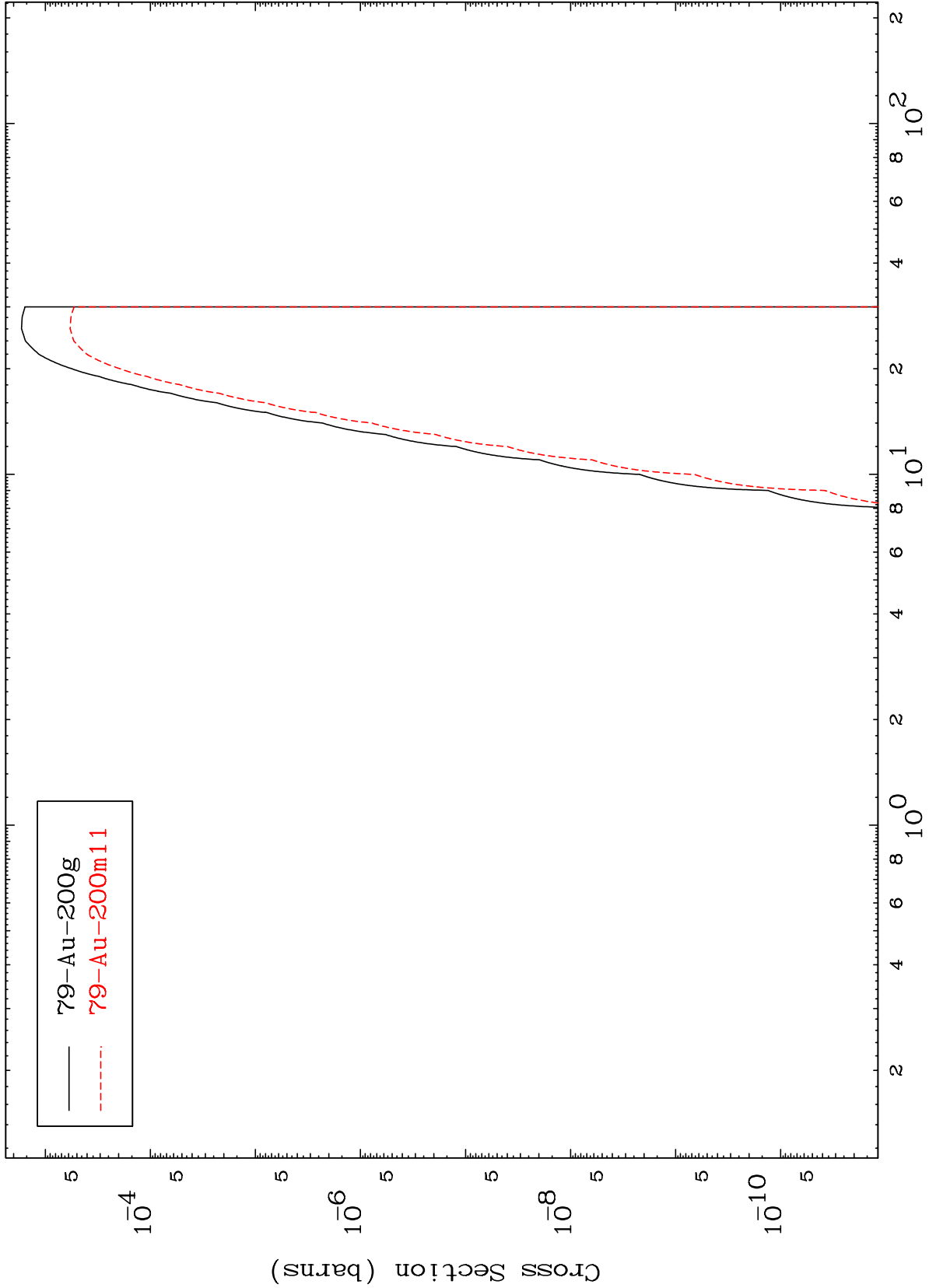


MAT 7749

(n,2n)

⁷⁷Ir-199

Radionuclide Production Cross Section



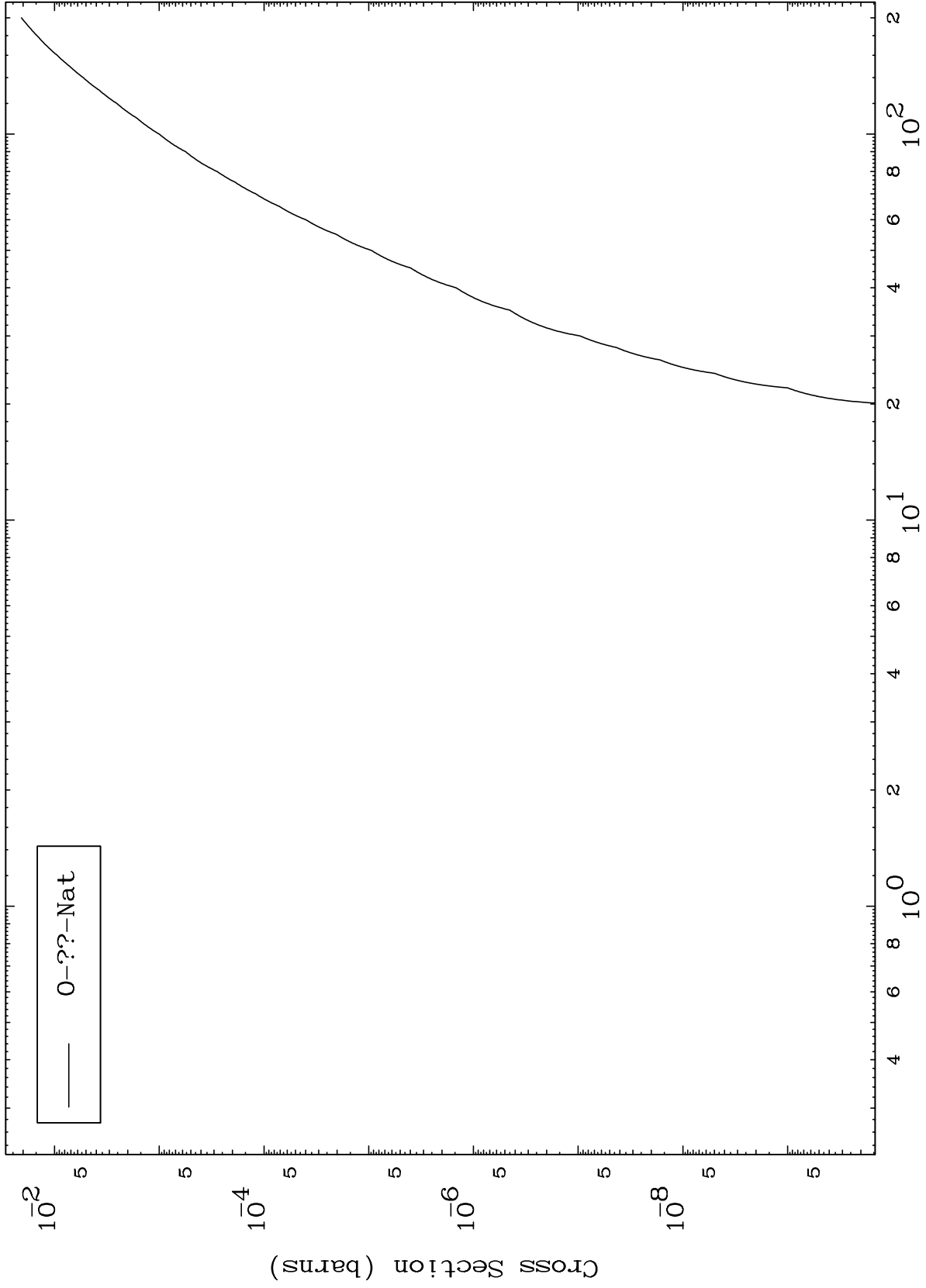
— ⁷⁹Au-200g
- - - ⁷⁹Au-200m11

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Fission

77-Ir-199

Radionuclide Production Cross Section

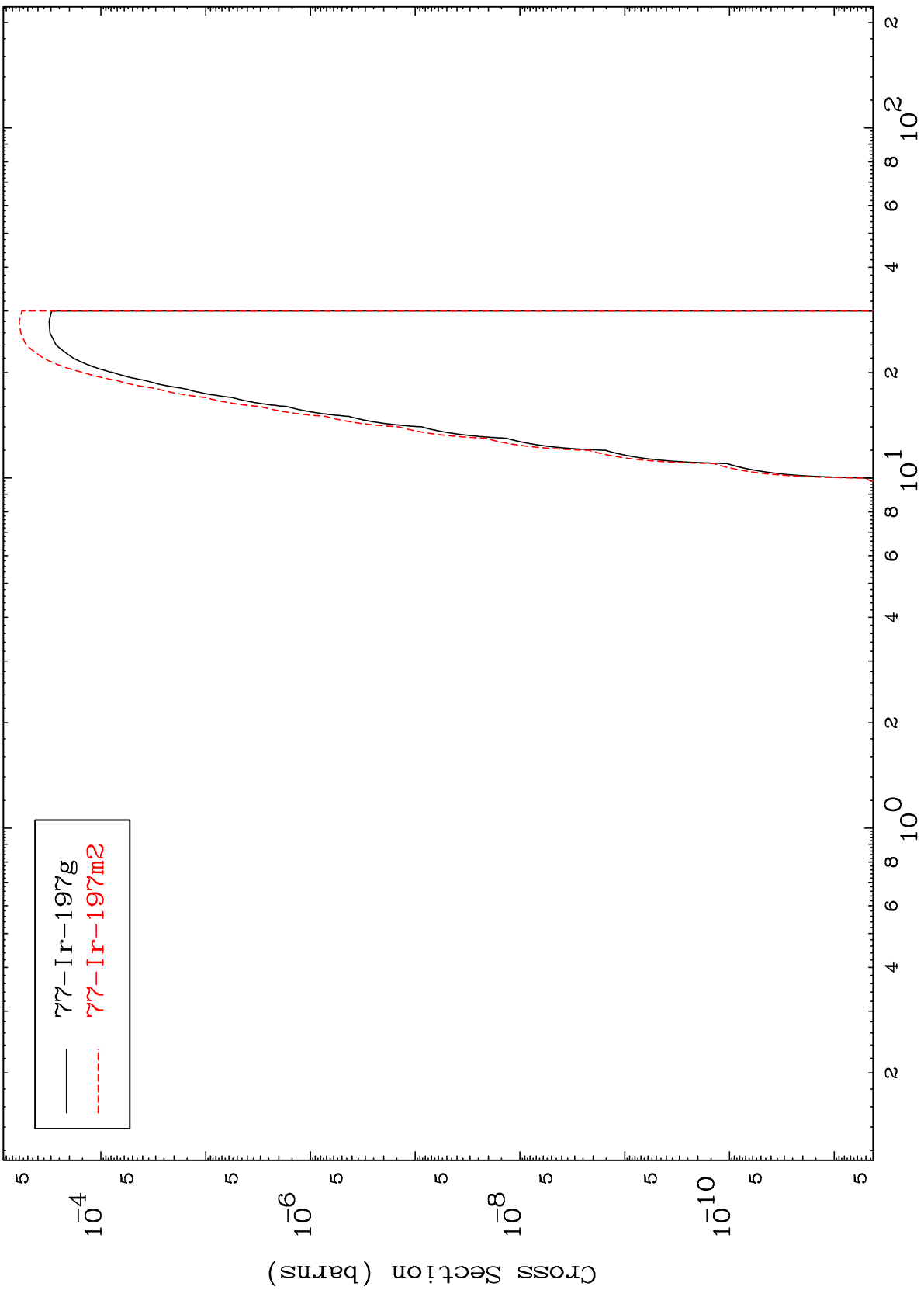


MAT 7749

(n,n') α

77-Ir-199

Radionuclide Production Cross Section



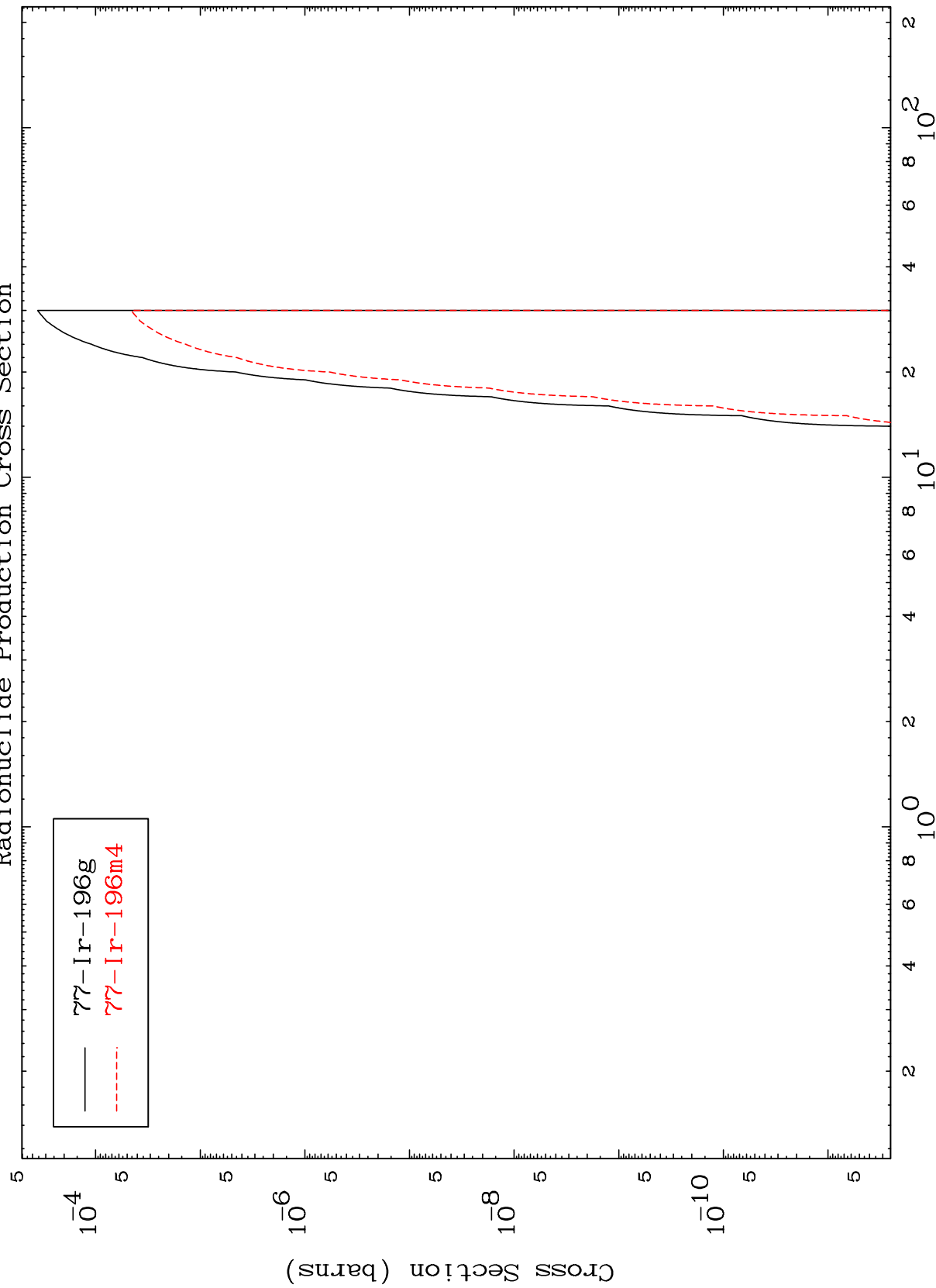
— 77-Ir-197g
- - - 77-Ir-197m2

MAT 7749

$(n,2n) \alpha$

$^{77}\text{Ir-199}$

Radionuclide Production Cross Section



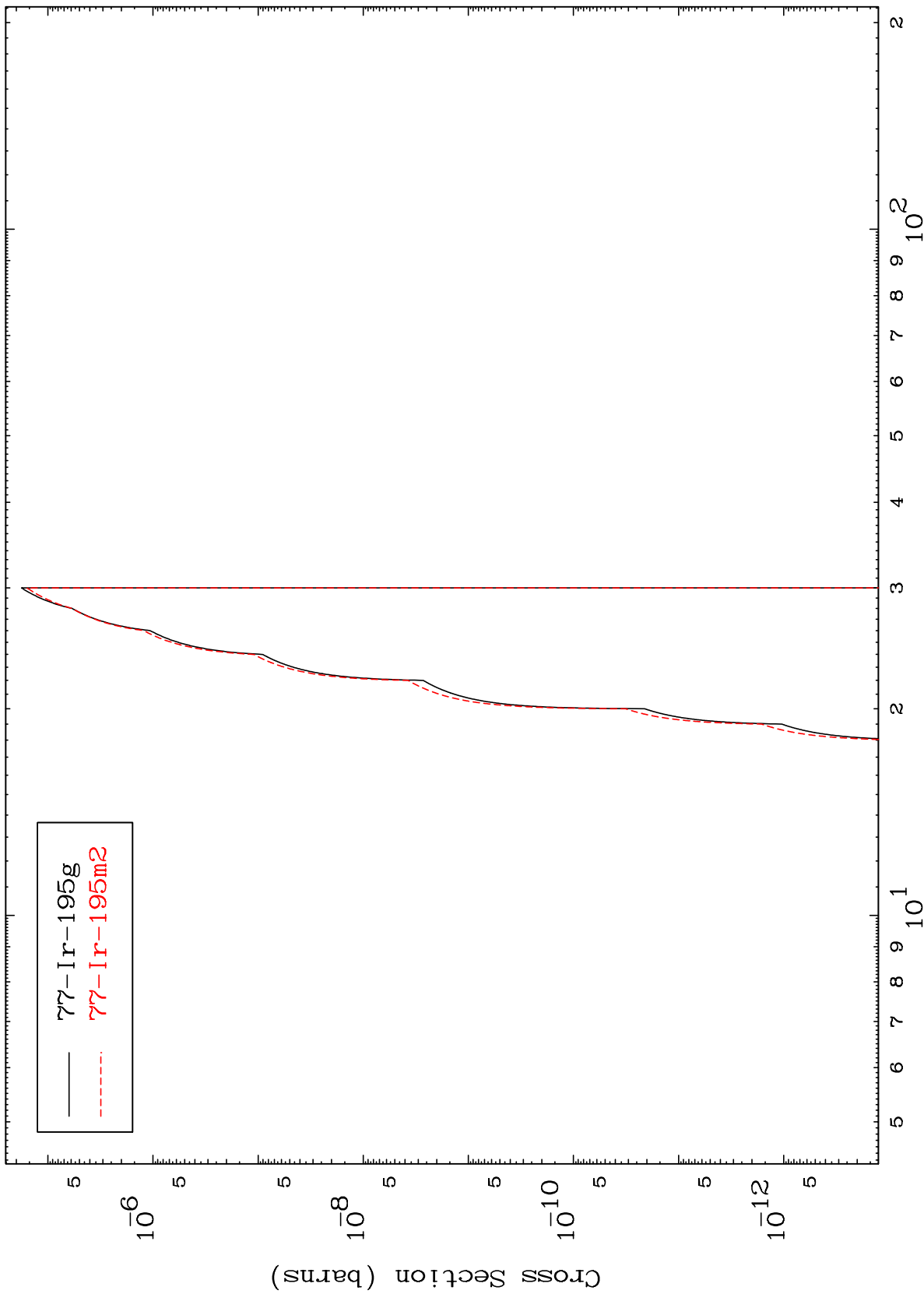
Legend:
— $^{77}\text{Ir-196g}$
- - - $^{77}\text{Ir-196m4}$

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^{77}Ir α

^{77}Ir -199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

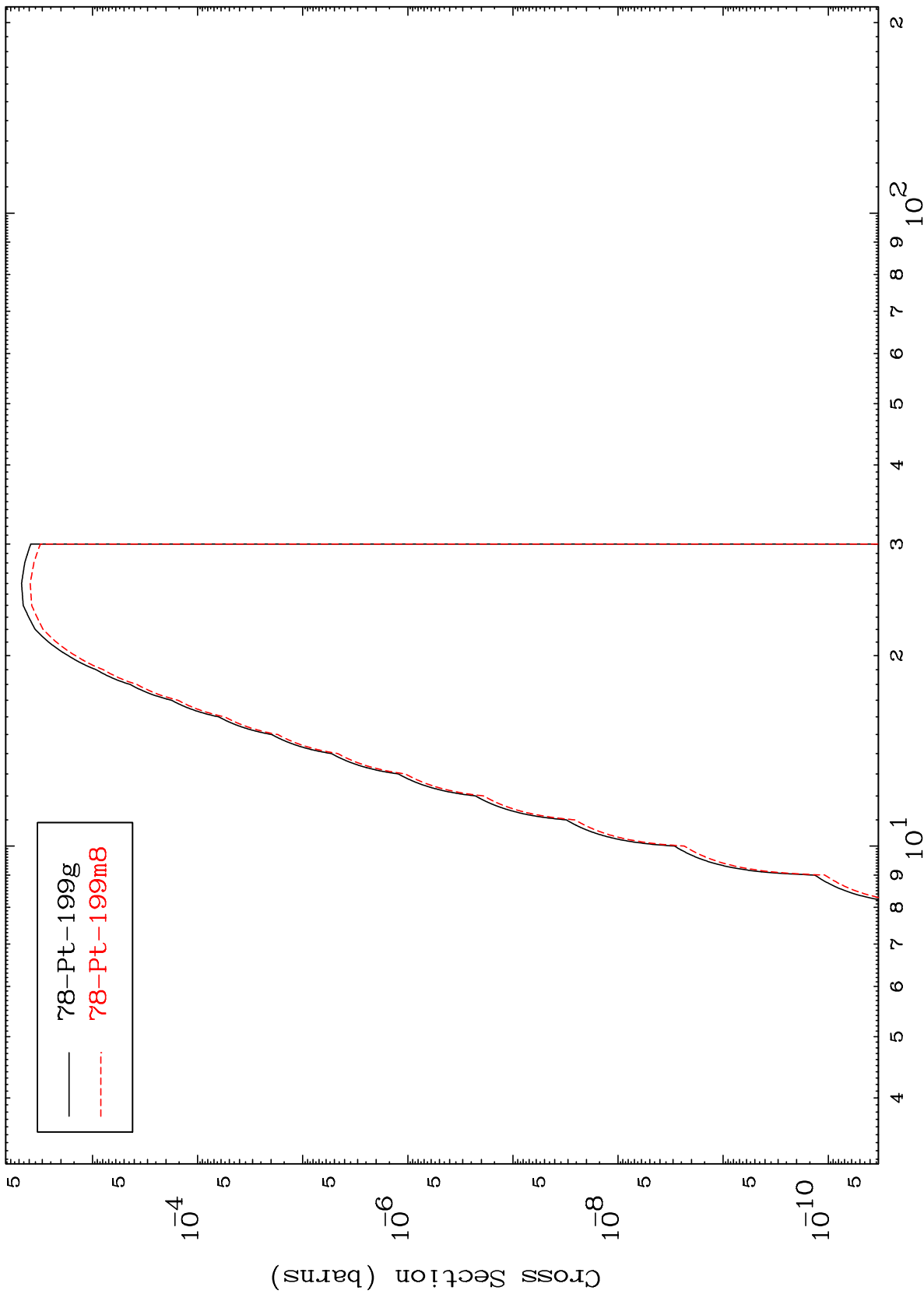
^{77}Ir -199

MAT 7749

(n,n') d

77-Ir-199

Radionuclide Production Cross Section



17

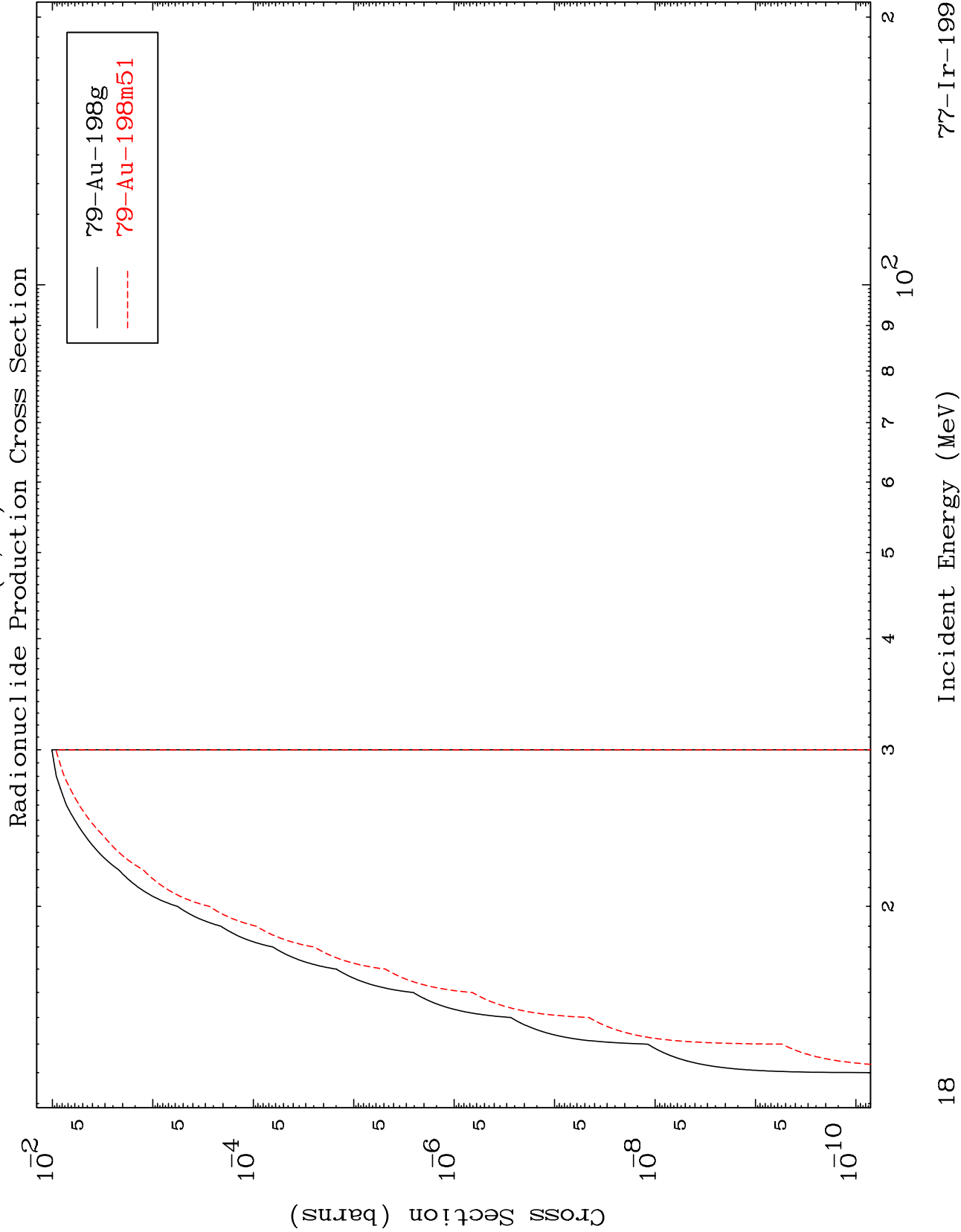
Incident Energy (MeV)

77-Ir-199

MAT 7749

(n,4n)

77-Ir-199



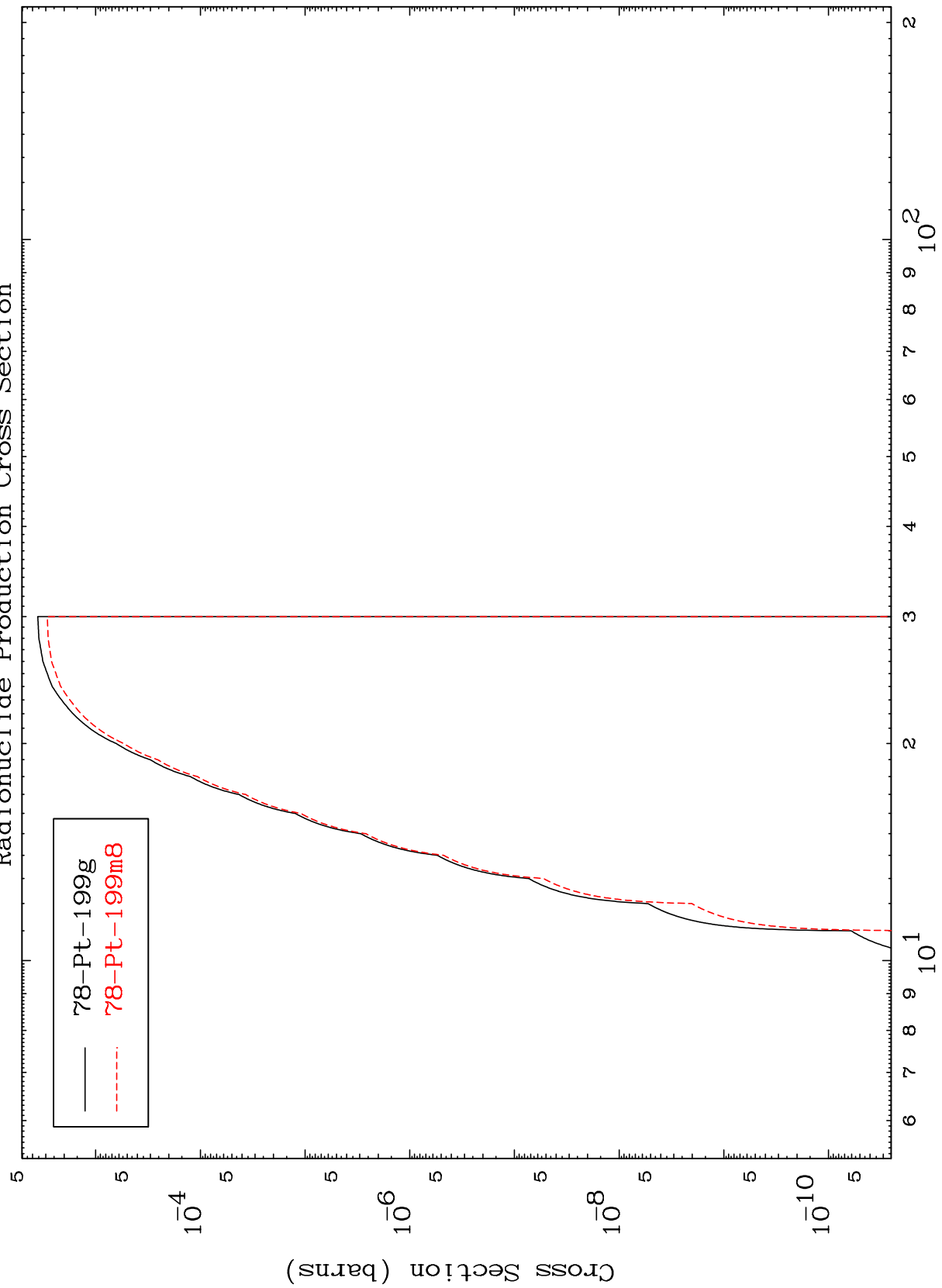
18

77-Ir-199

MAT 7749

77-Ir-199

(n,2n) p
Radionuclide Production Cross Section



19

Incident Energy (MeV)

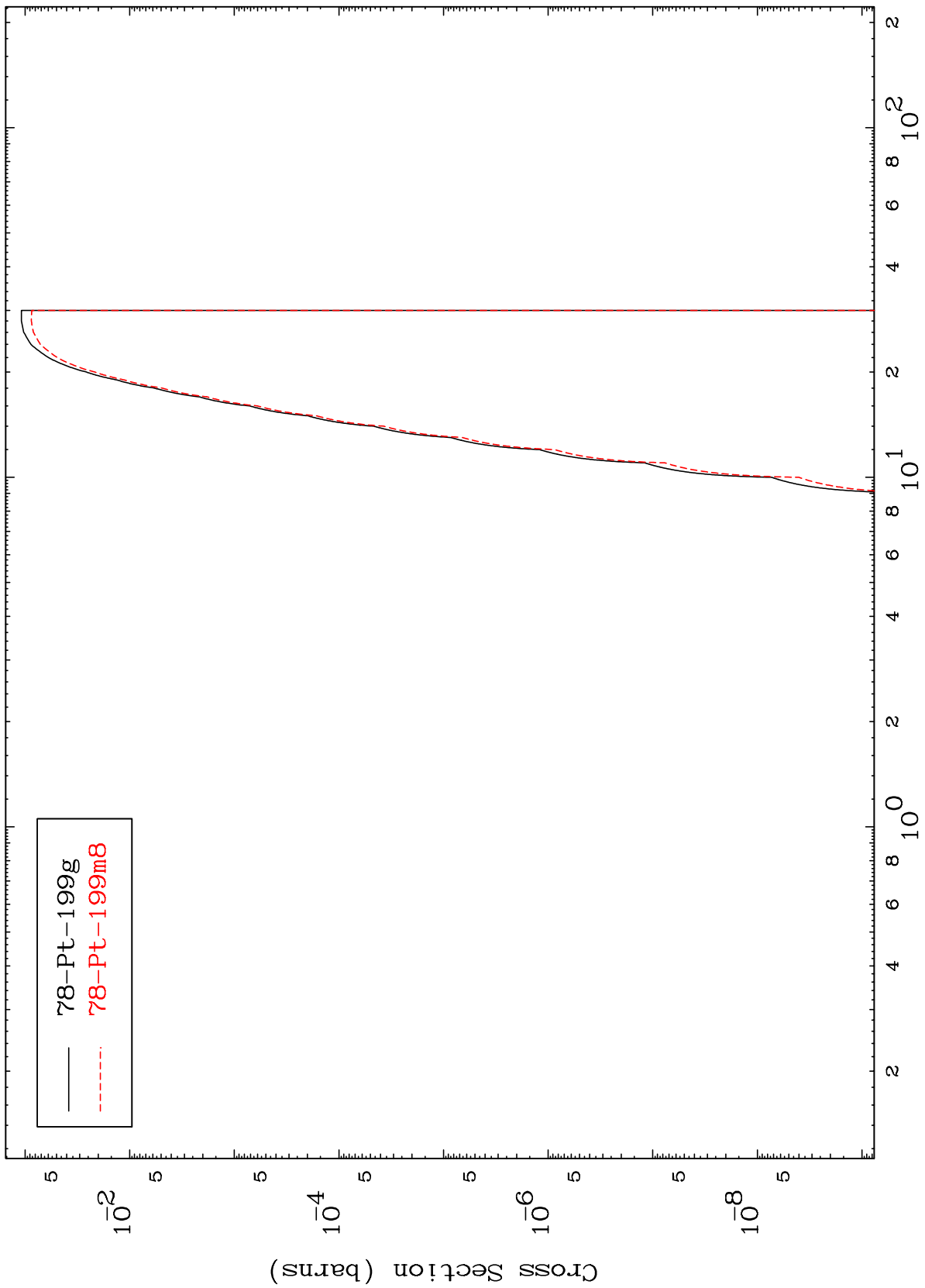
77-Ir-199

MAT 7749

(n, t)

77-Ir-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

77-Ir-199