

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

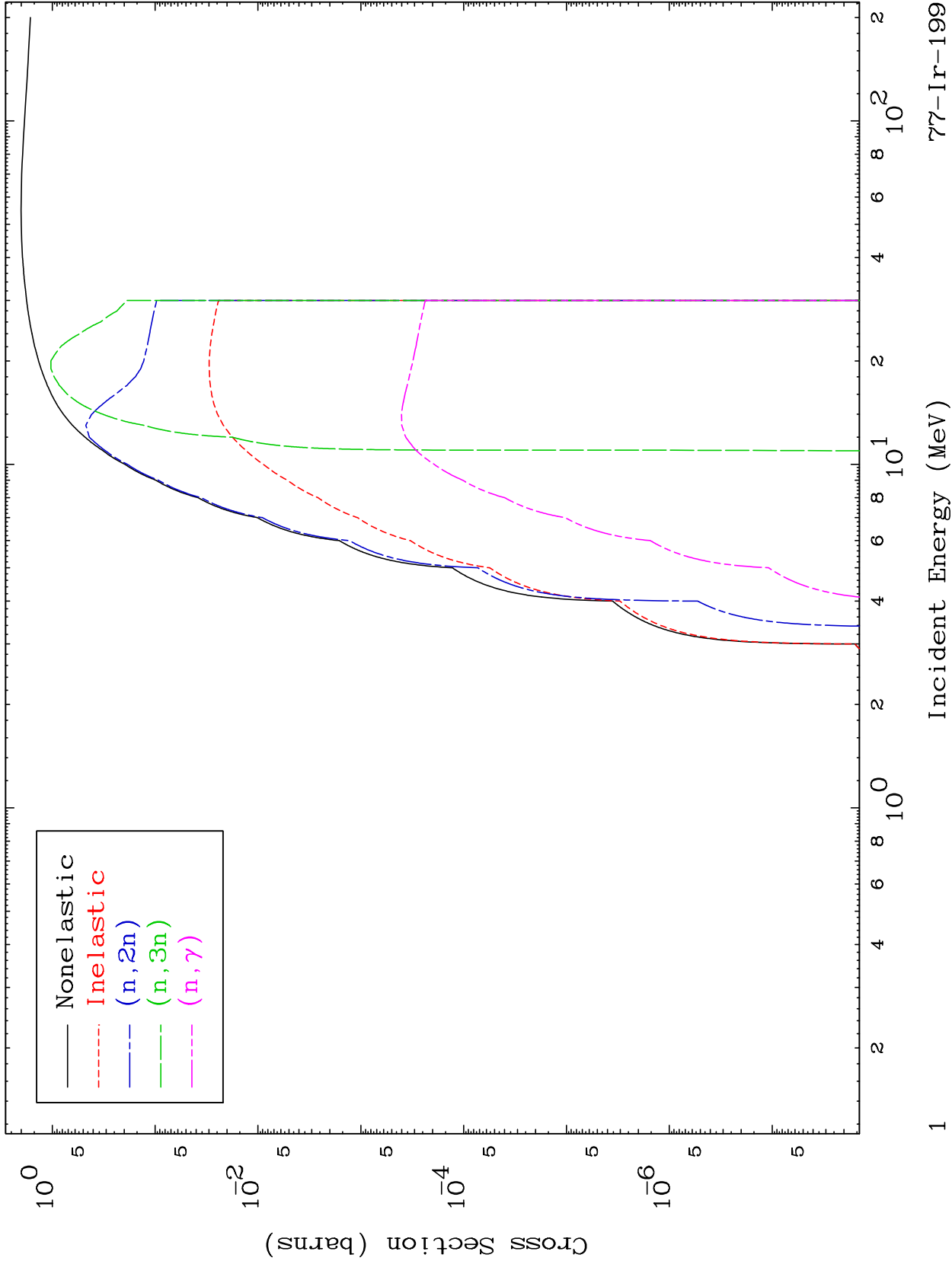
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

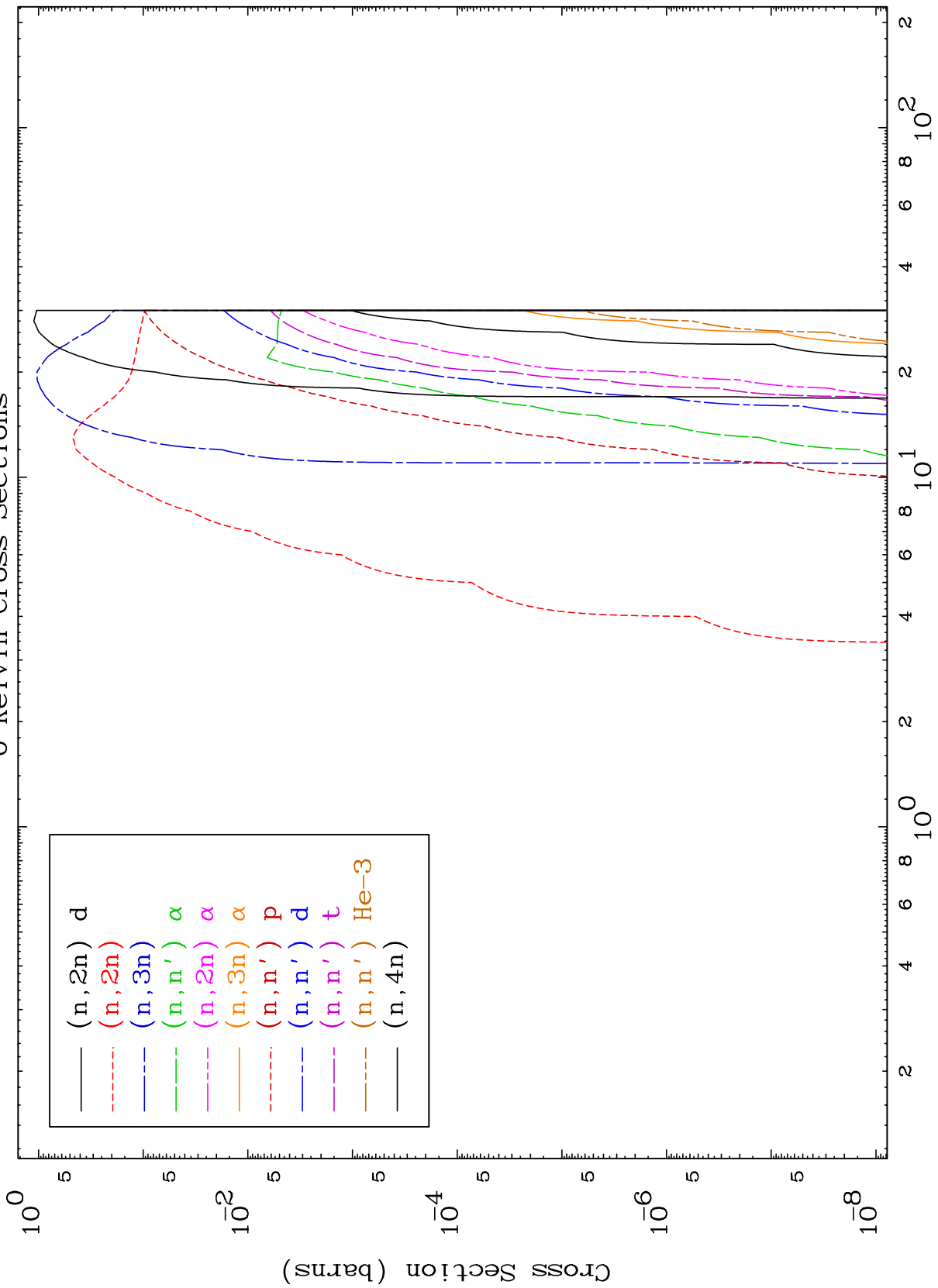
Tele: 925-443-1911

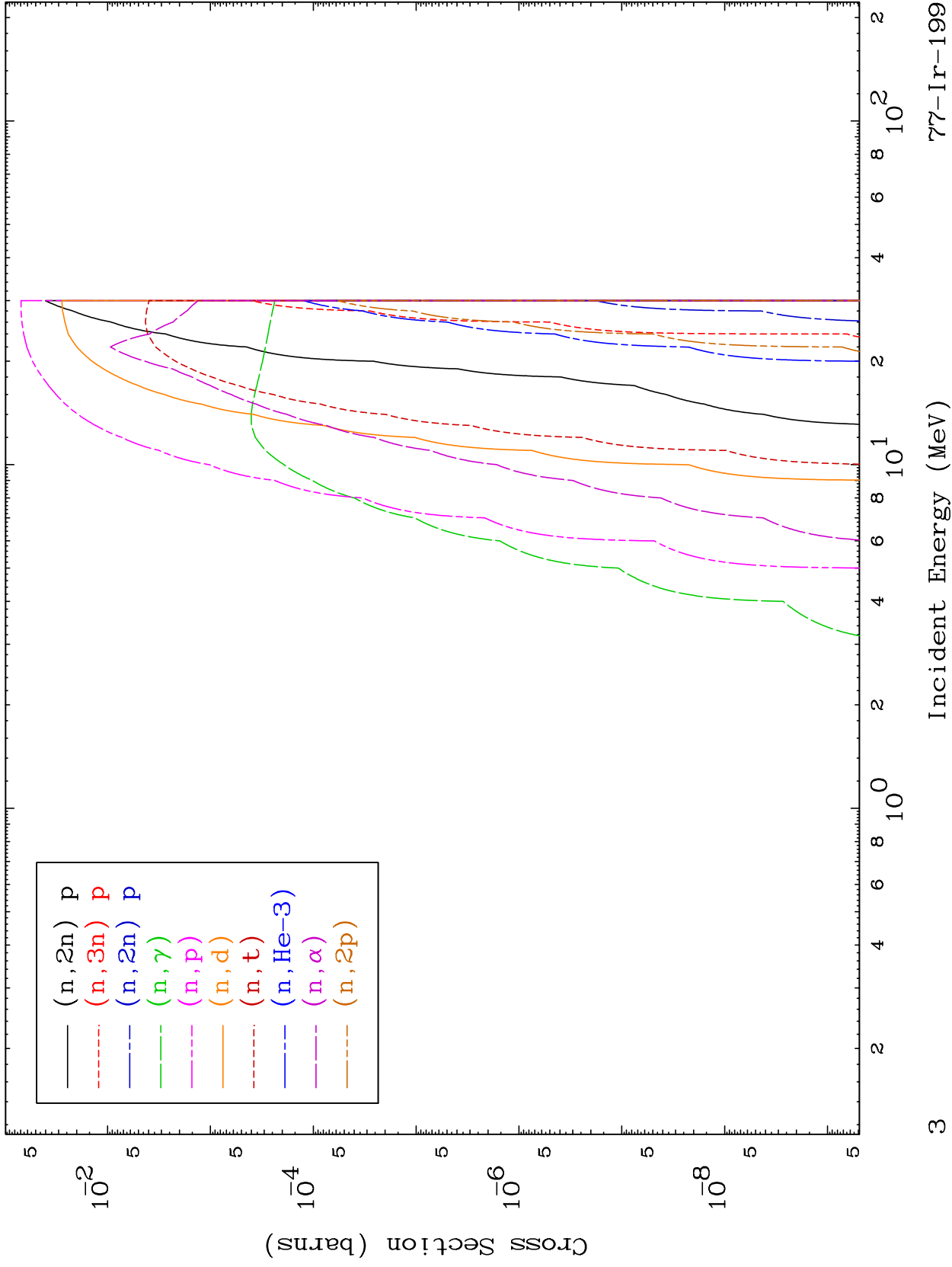
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



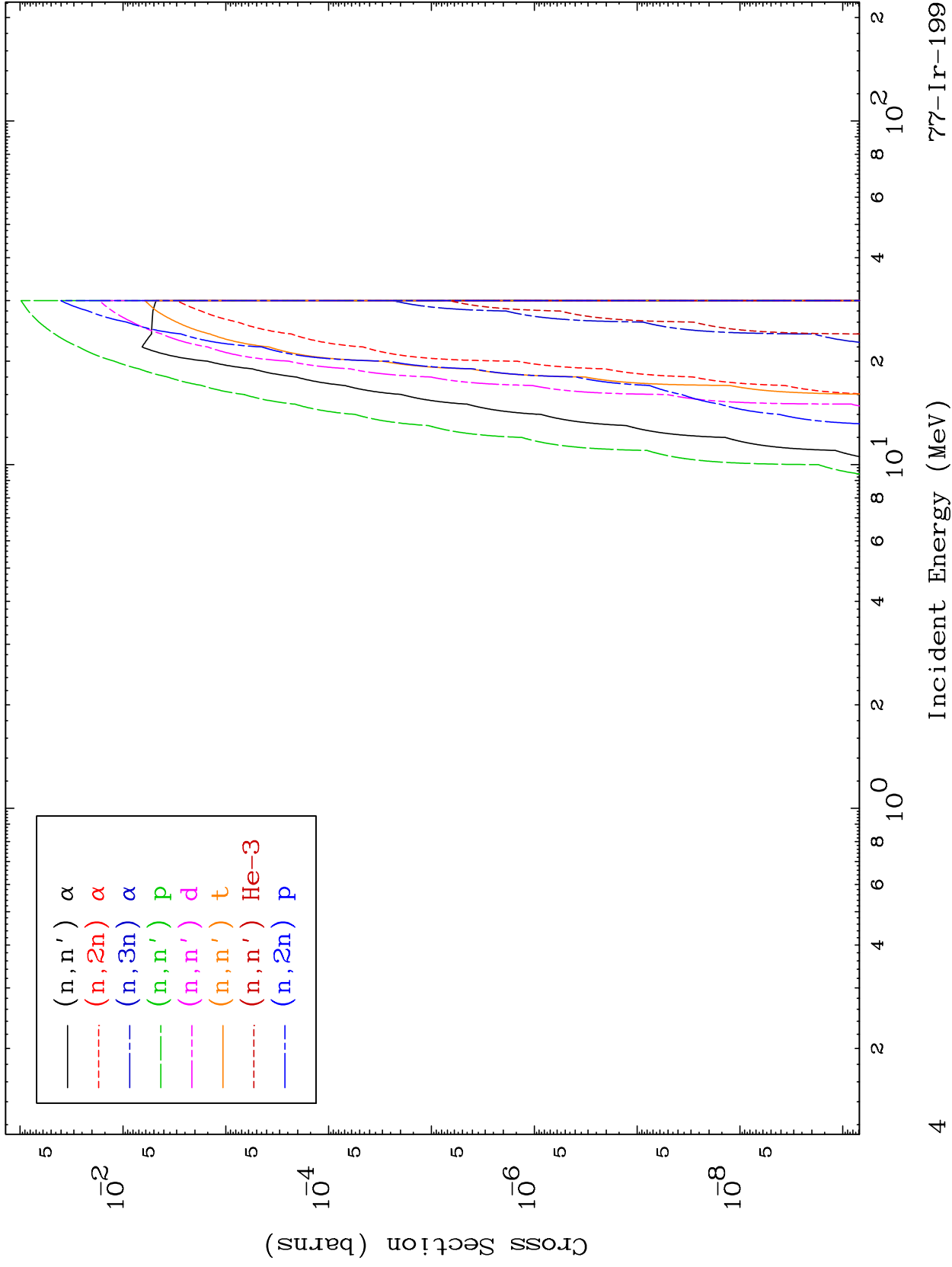


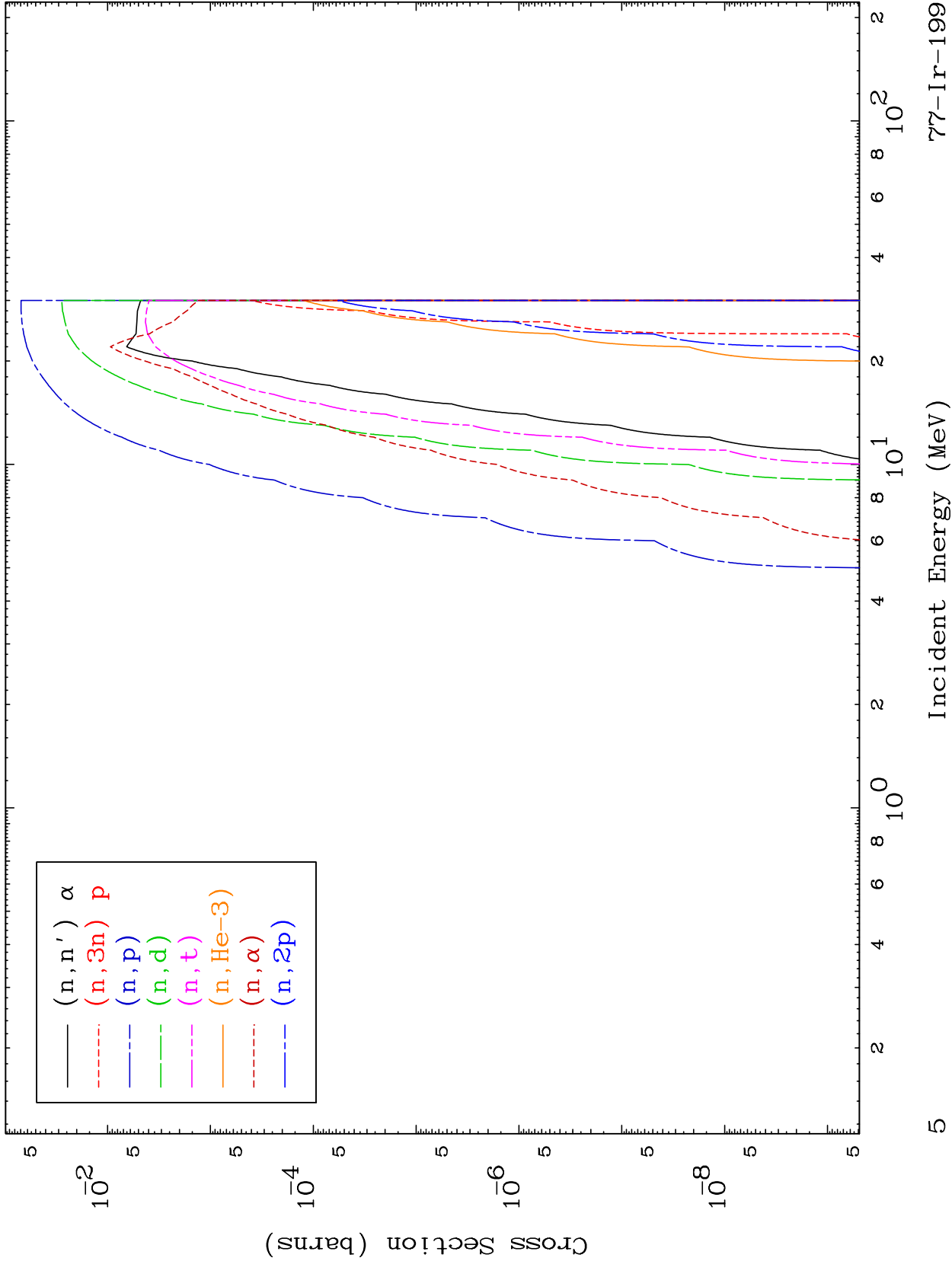


MAT 7749

Proton Charged Particle
0 Kelvin Cross Sections

77-Ir-199



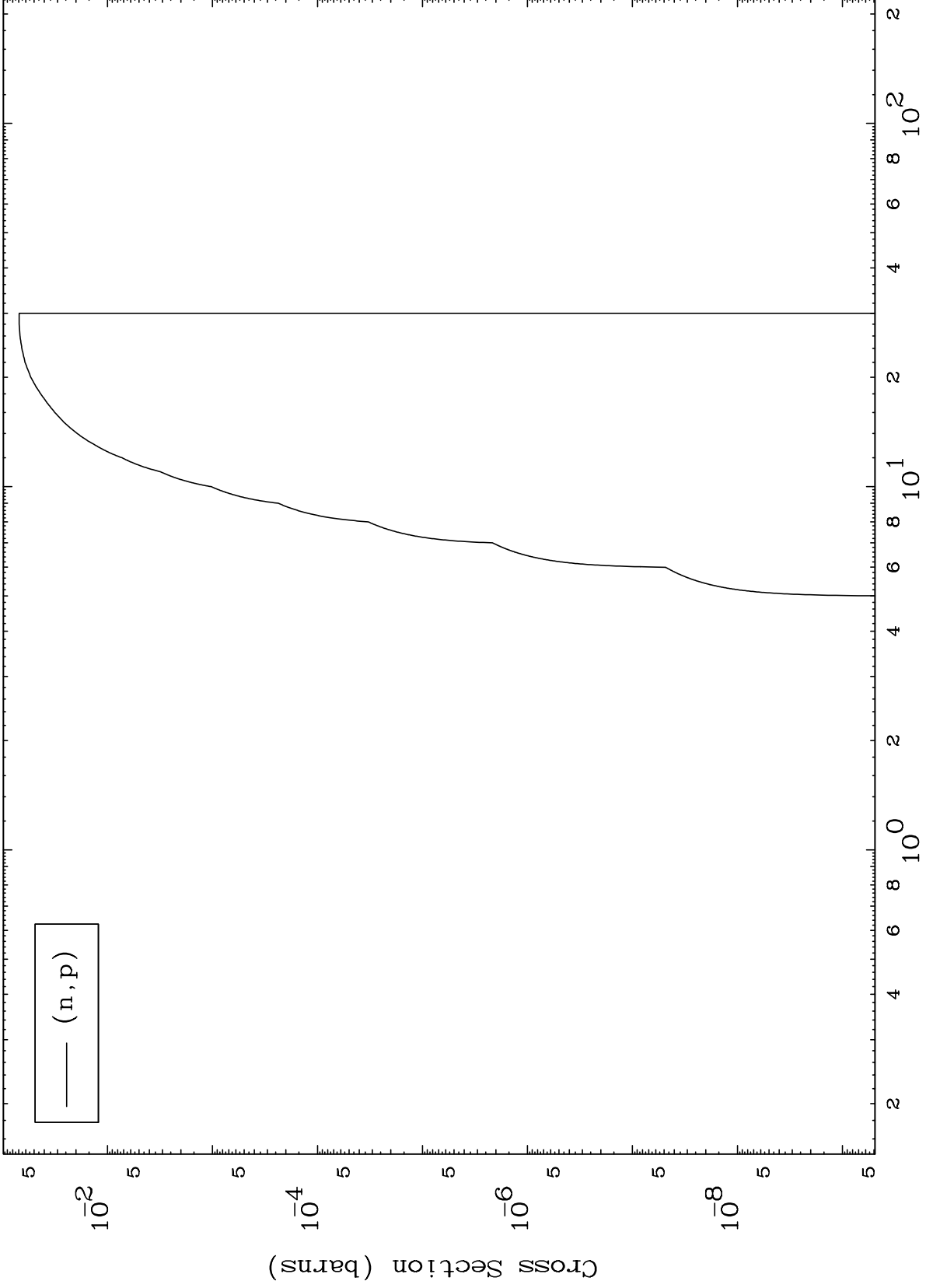


MAT 7749

(p,p) Levels

77-Ir-199

0 Kelvin Cross Sections



6

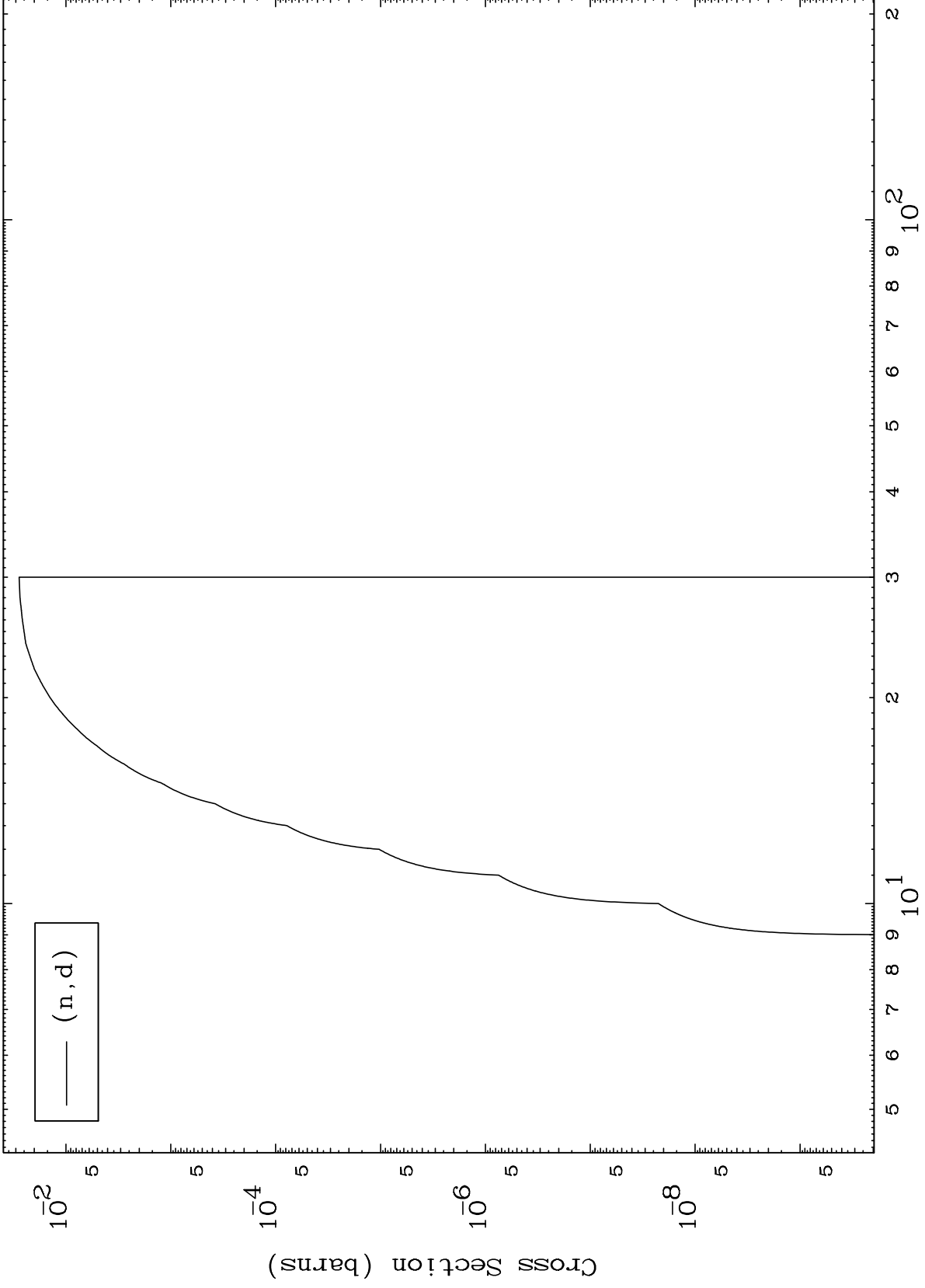
Incident Energy (MeV)

77-Ir-199

MAT 7749

(p,d) Levels
0 Kelvin Cross Sections

77-Ir-199



7

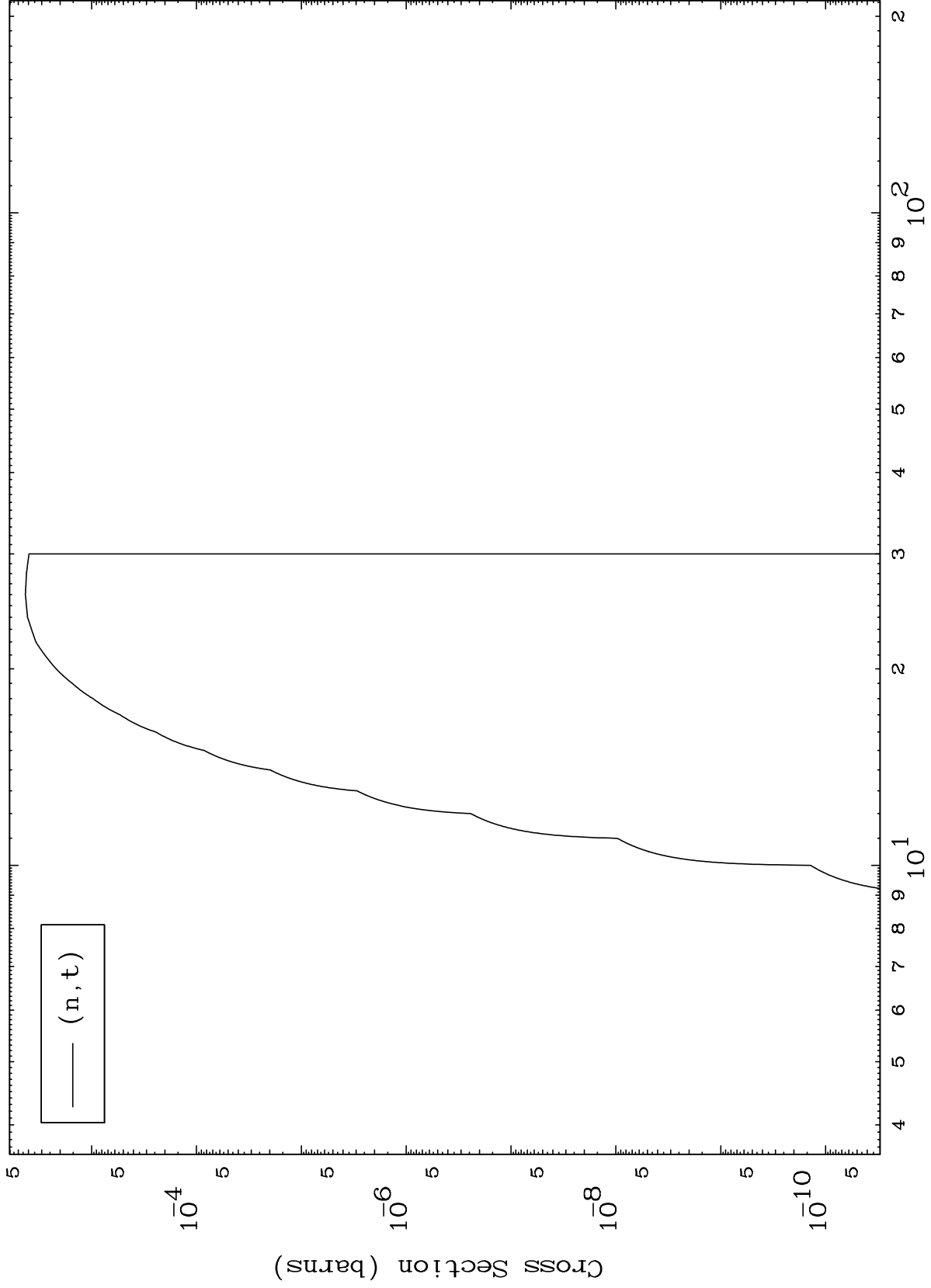
Incident Energy (MeV)

77-Ir-199

MAT 7749

(p, t) Levels
0 Kelvin Cross Sections

77-Ir-199



8

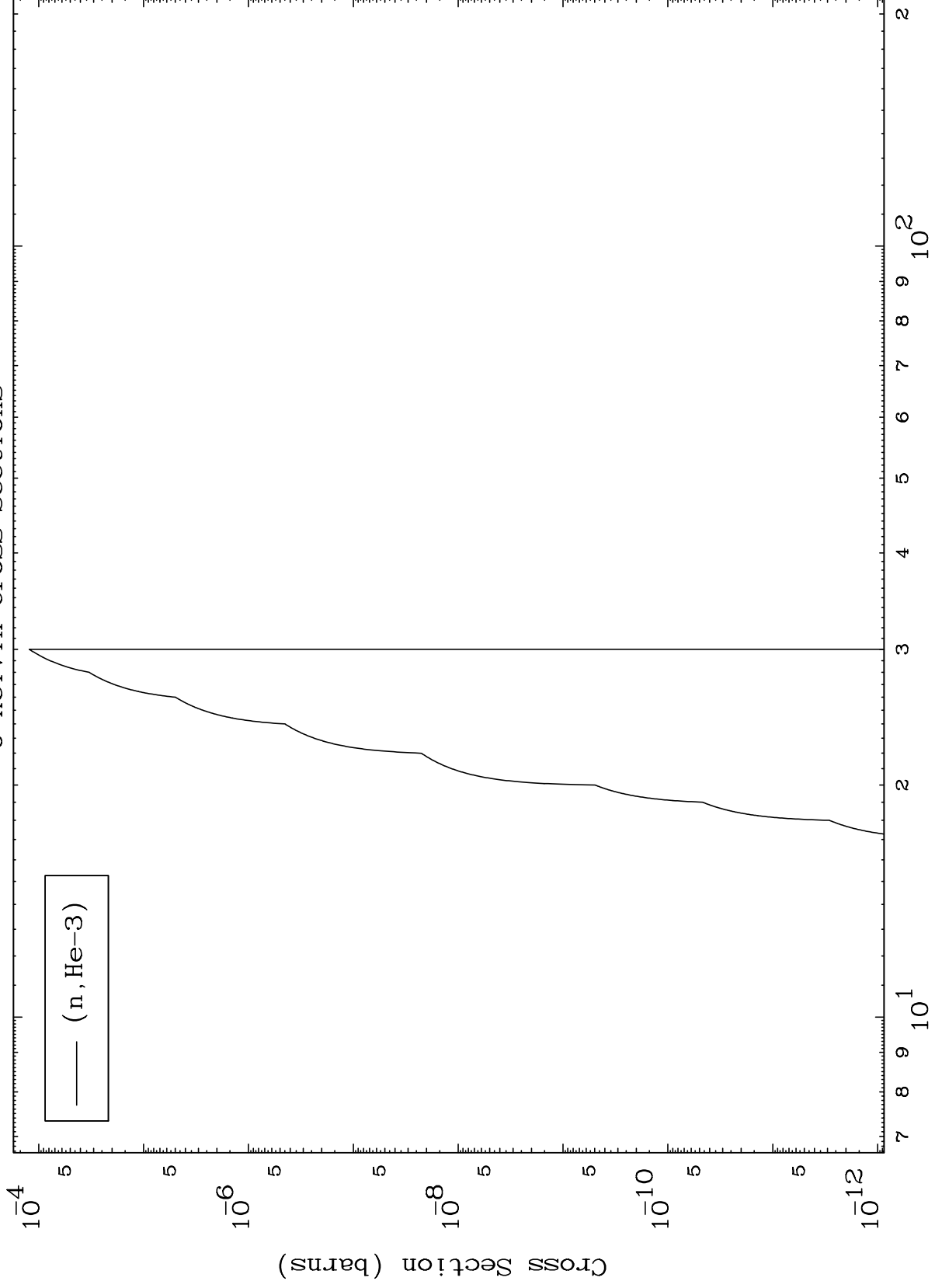
Incident Energy (MeV)

77-Ir-199

MAT 7749

77-Ir-199

(p,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

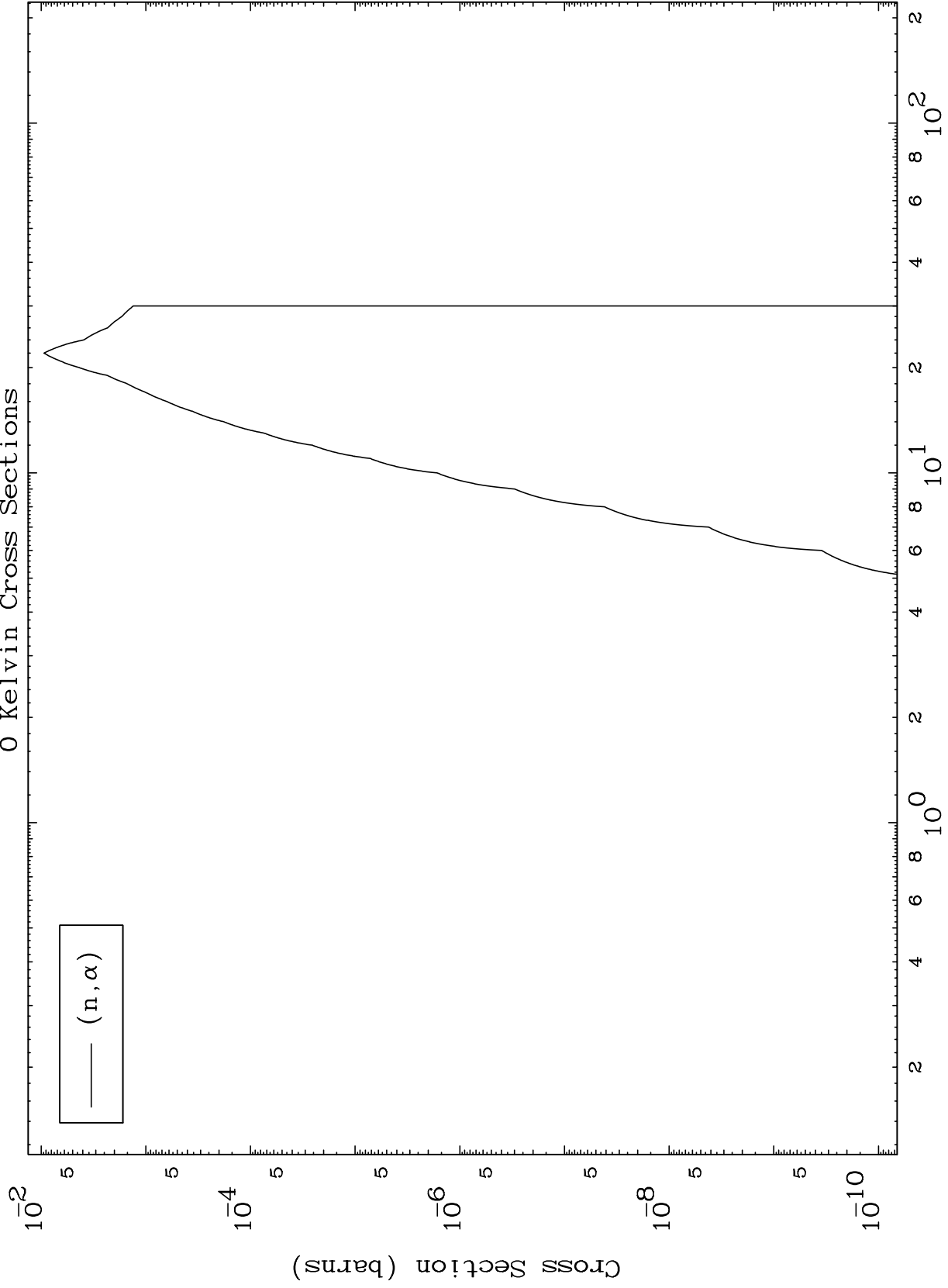
77-Ir-199

MAT 7749

(p, α) Levels

77-Ir-199

0 Kelvin Cross Sections



10

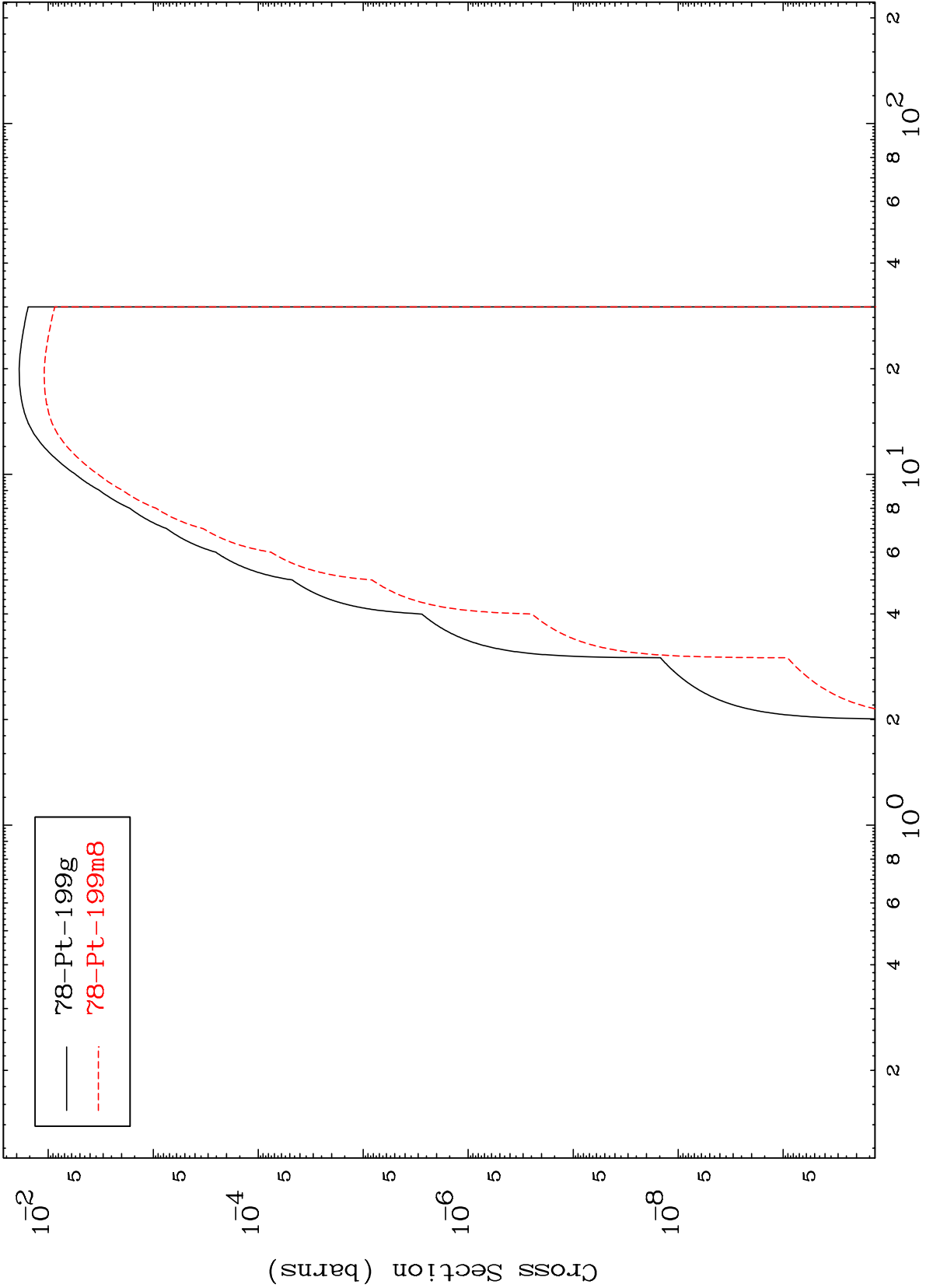
Incident Energy (MeV)

77-Ir-199

MAT 7749

77-Ir-199

Inelastic
Radionuclide Production Cross Section

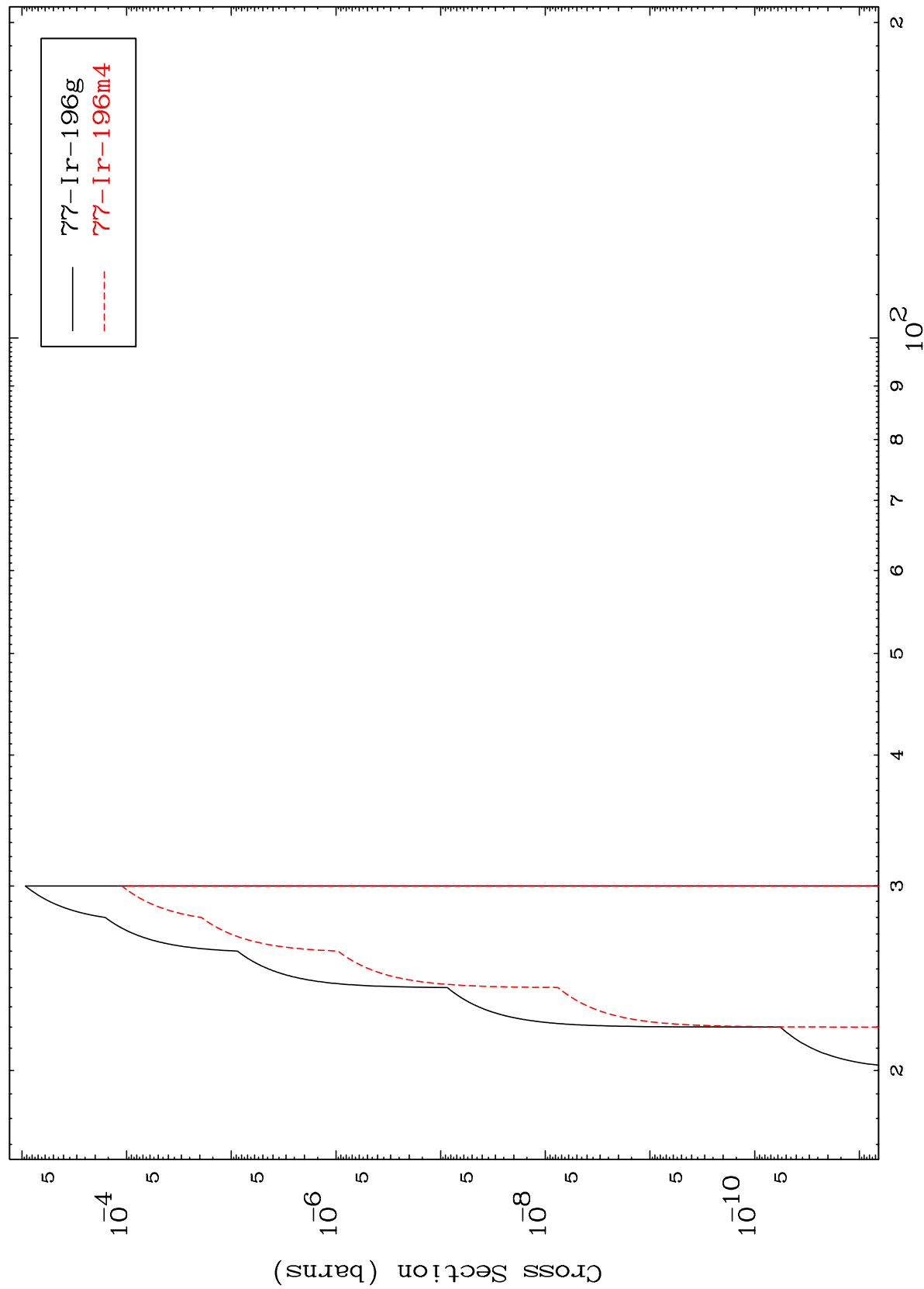


MAT 7749

(n,2n) d

77-Ir-199

Radionuclide Production Cross Section

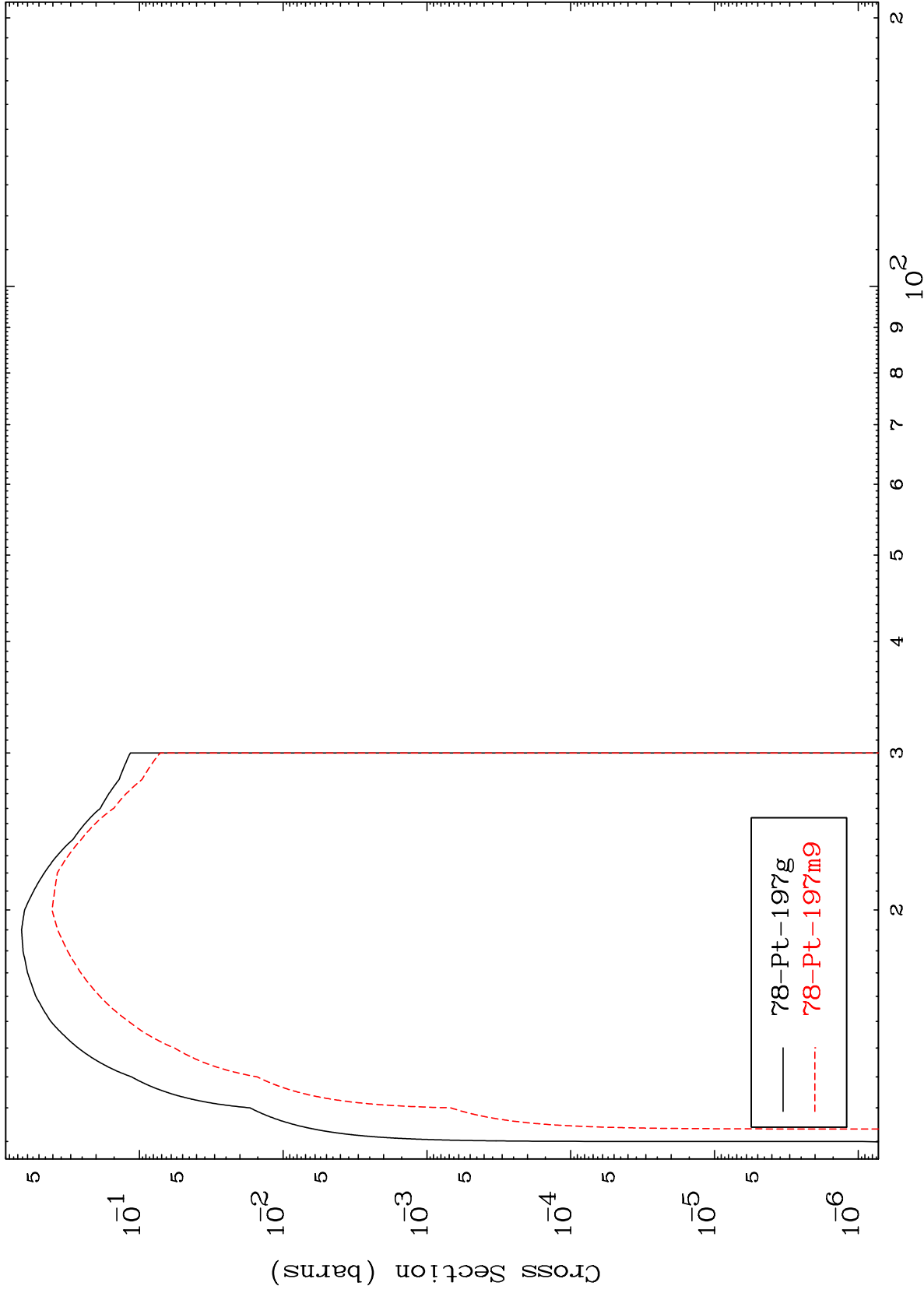


12

Incident Energy (MeV)

77-Ir-199

(n,3n)
Radionuclide Production Cross Section

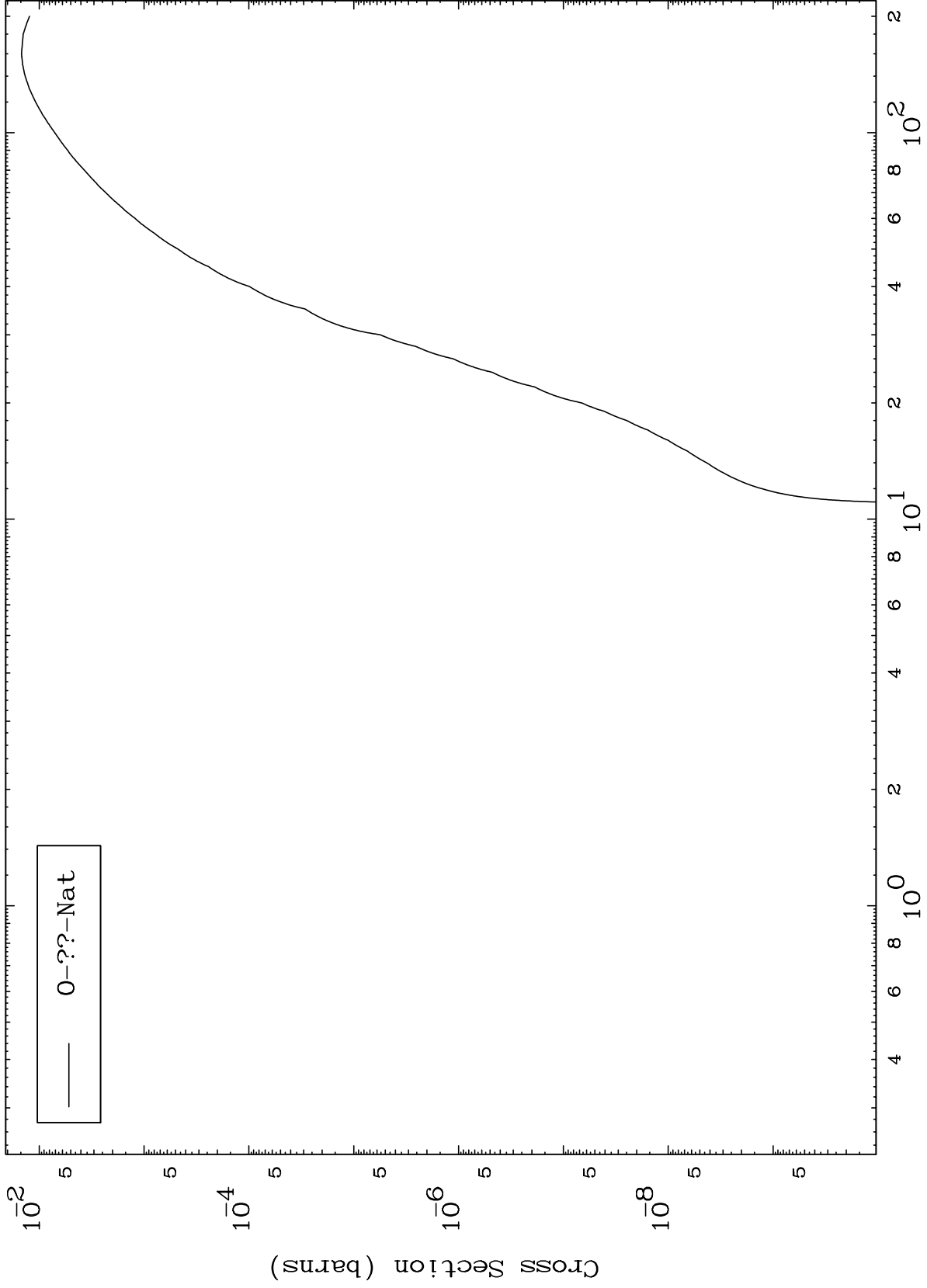


MAT 7749

Fission

77-Ir-199

Radionuclide Production Cross Section

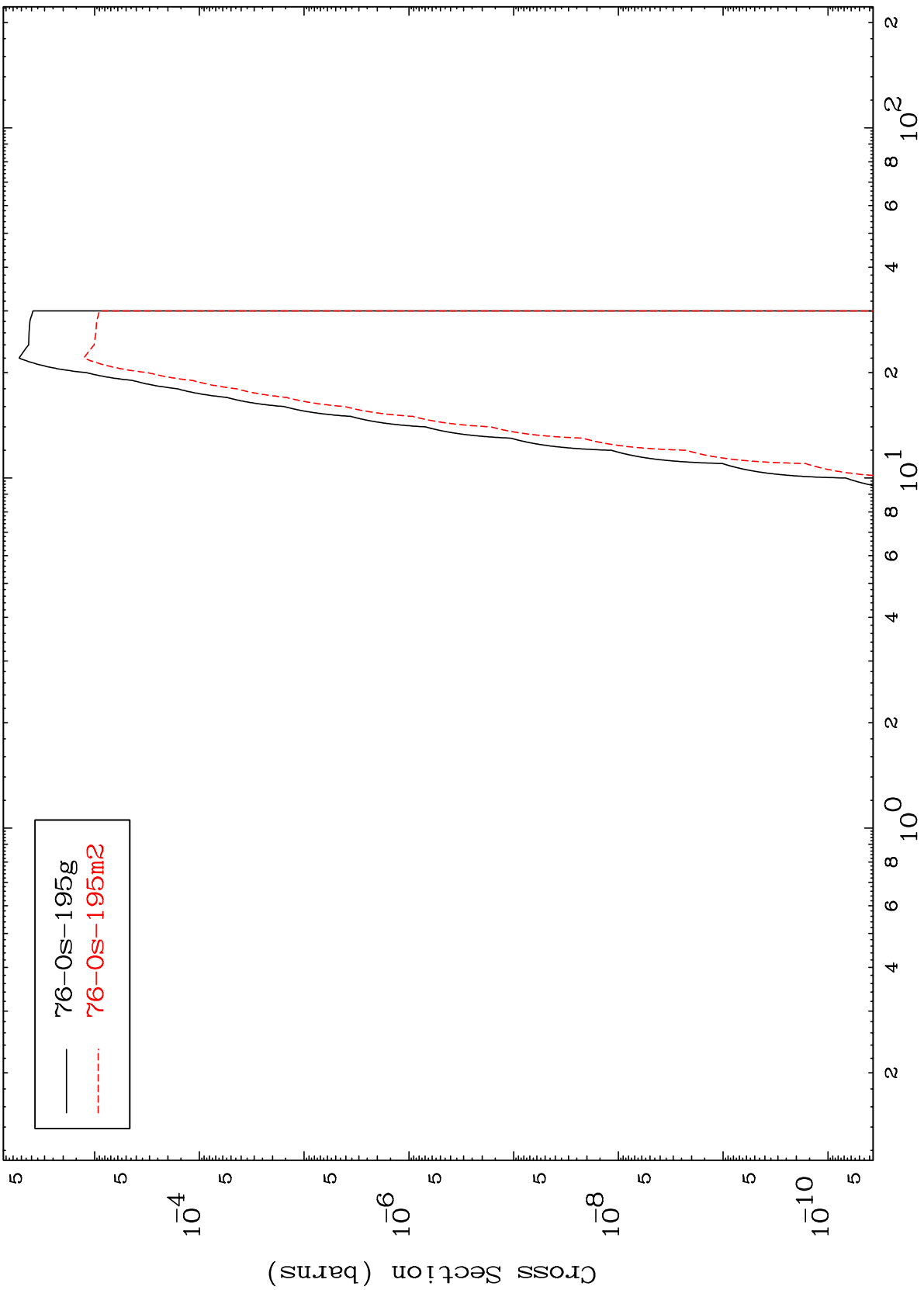


MAT 7749

$(n, n') \alpha$

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

Radionuclide Production Cross Section



15

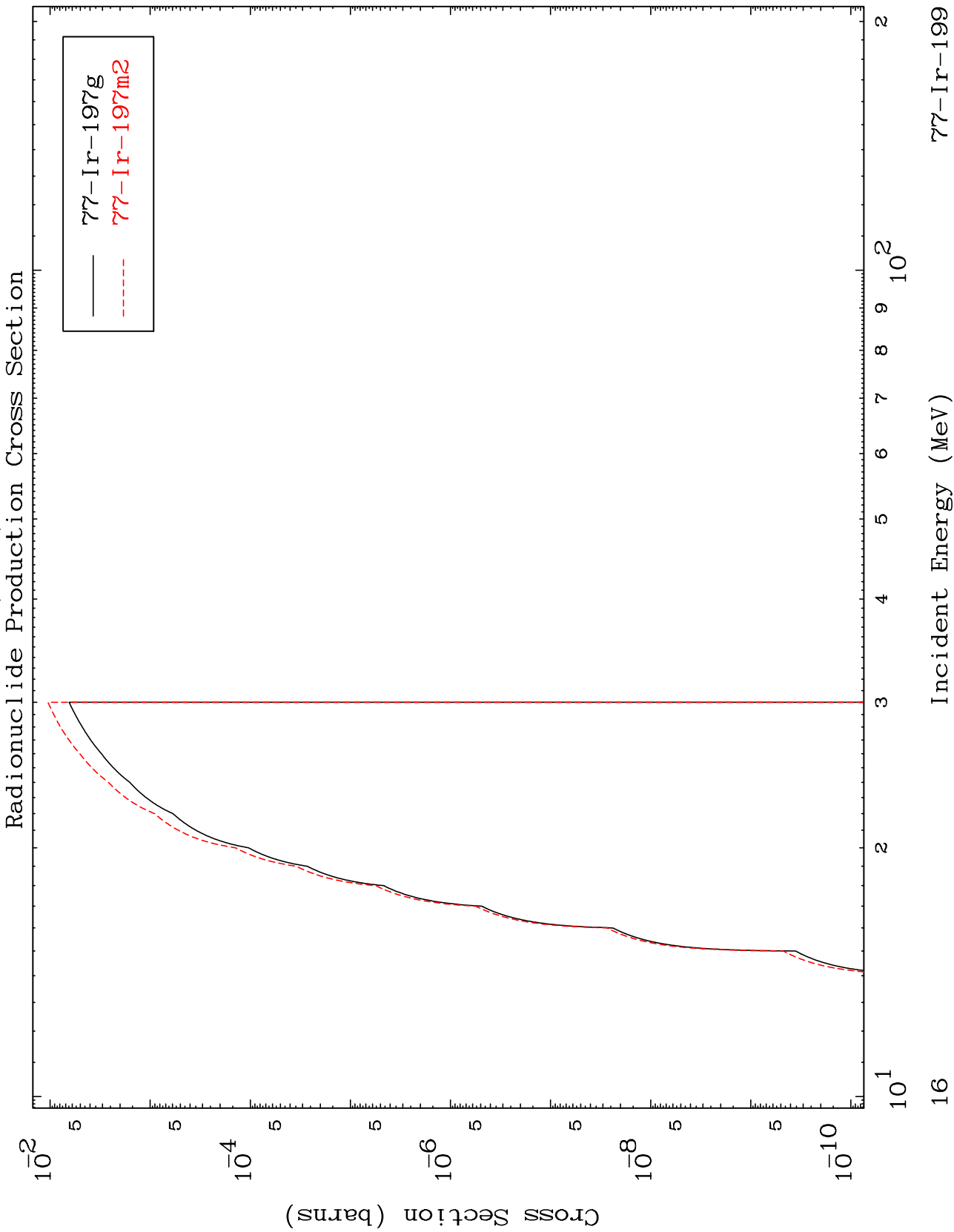
Incident Energy (MeV)

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

MAT 7749

(n,n') d

77-Ir-199



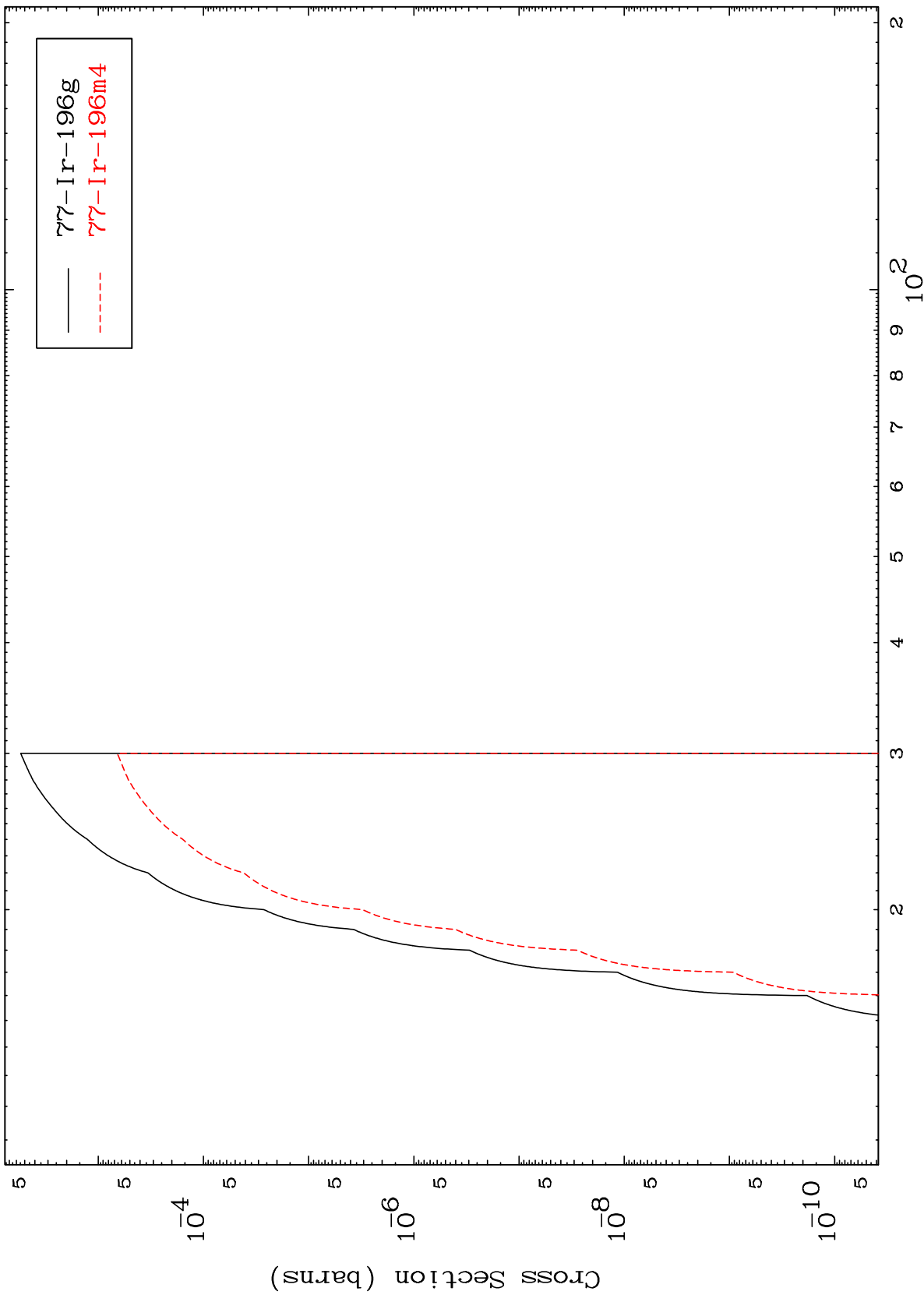
77-Ir-199

MAT 7749

(n,n') t

77-Ir-199

Radionuclide Production Cross Section



17

Incident Energy (MeV)

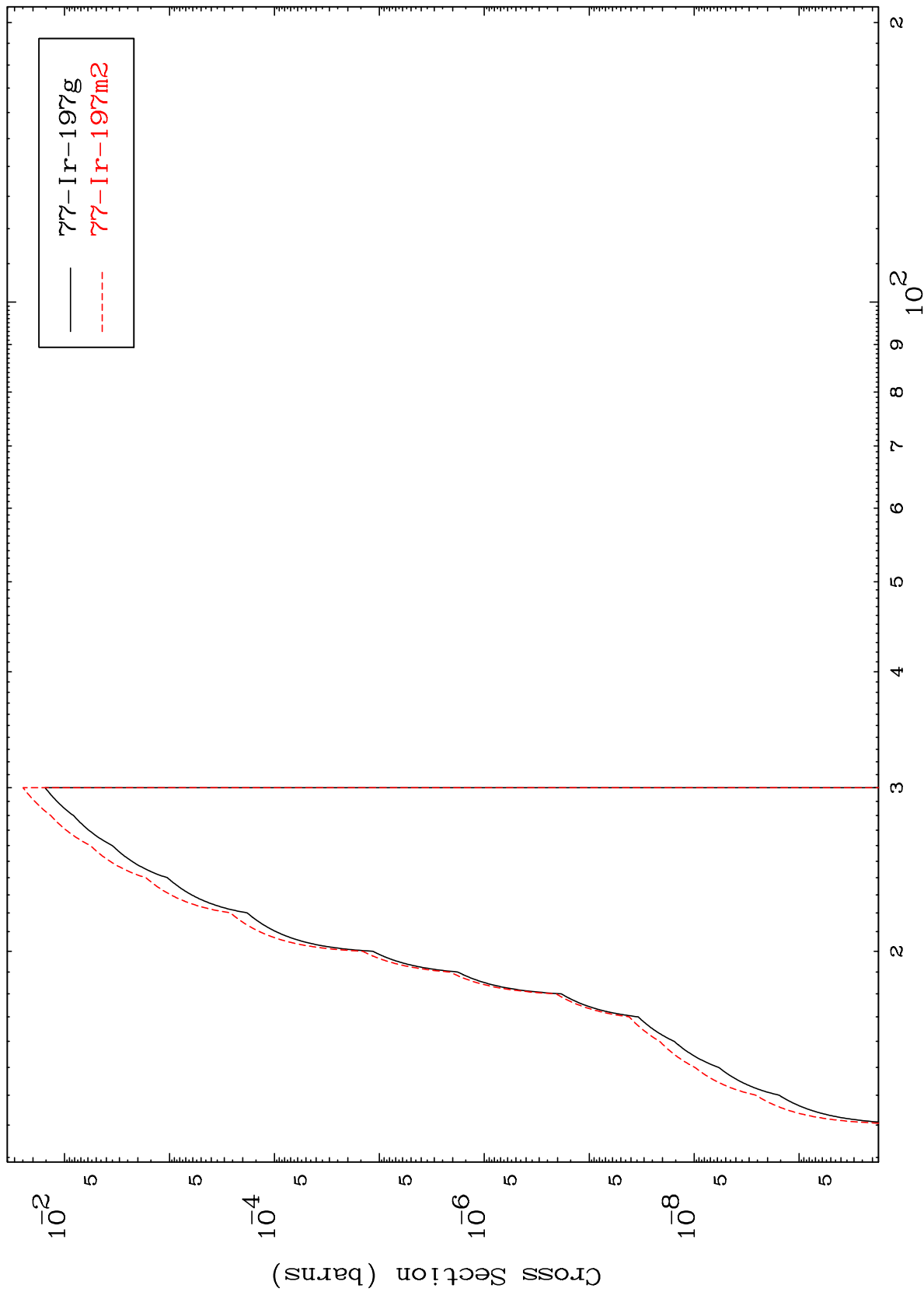
77-Ir-199

MAT 7749

77-Ir-199

(n,2n) p

Radionuclide Production Cross Section



18

Incident Energy (MeV)

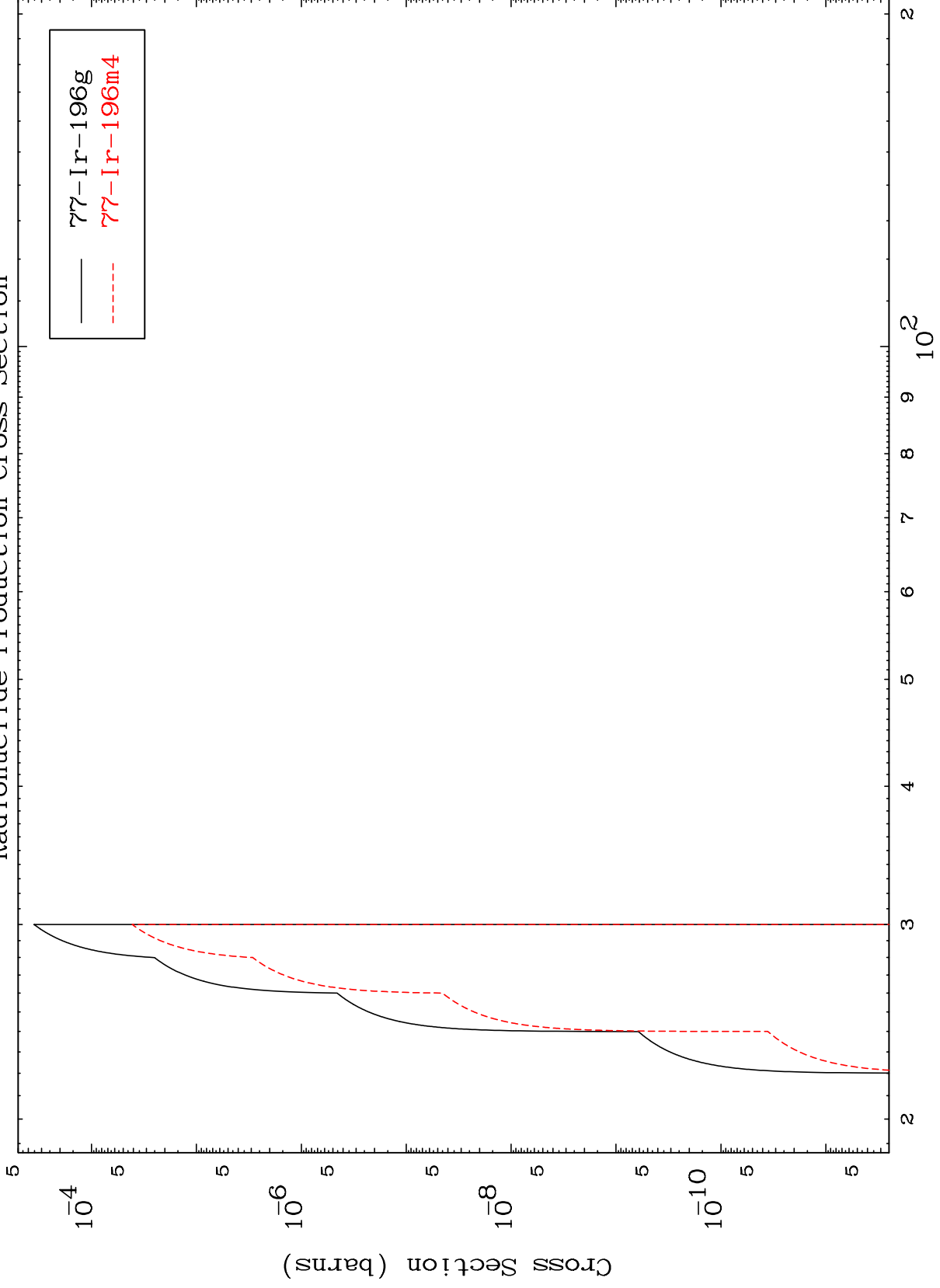
77-Ir-199

MAT 7749

(n,3n) p

77-Ir-199

Radionuclide Production Cross Section



19

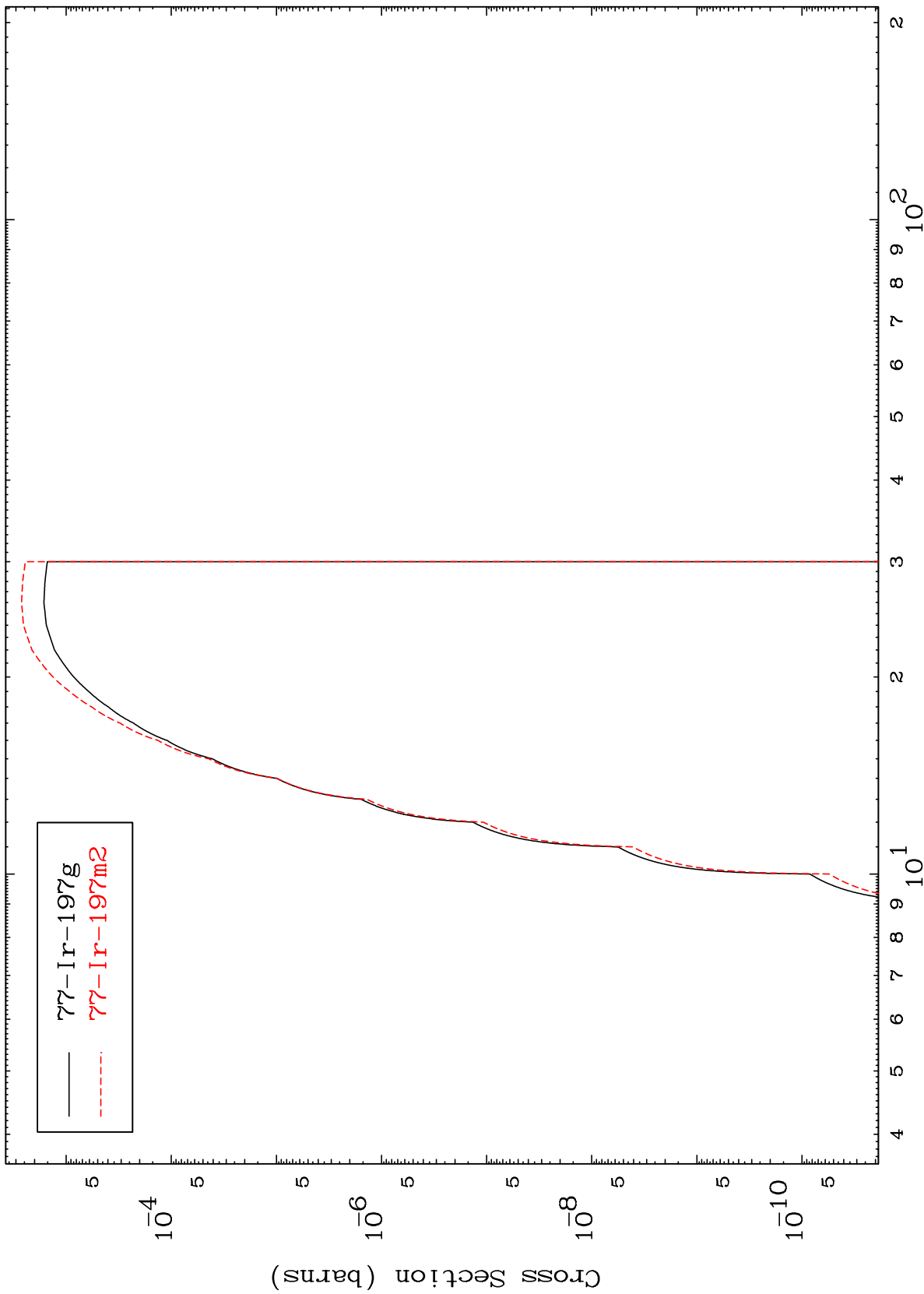
Incident Energy (MeV)

77-Ir-199

MAT 7749

77-Ir-199

Radionuclide Production Cross Section (n,t)



Incident Energy (MeV)

77-Ir-199

20