

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

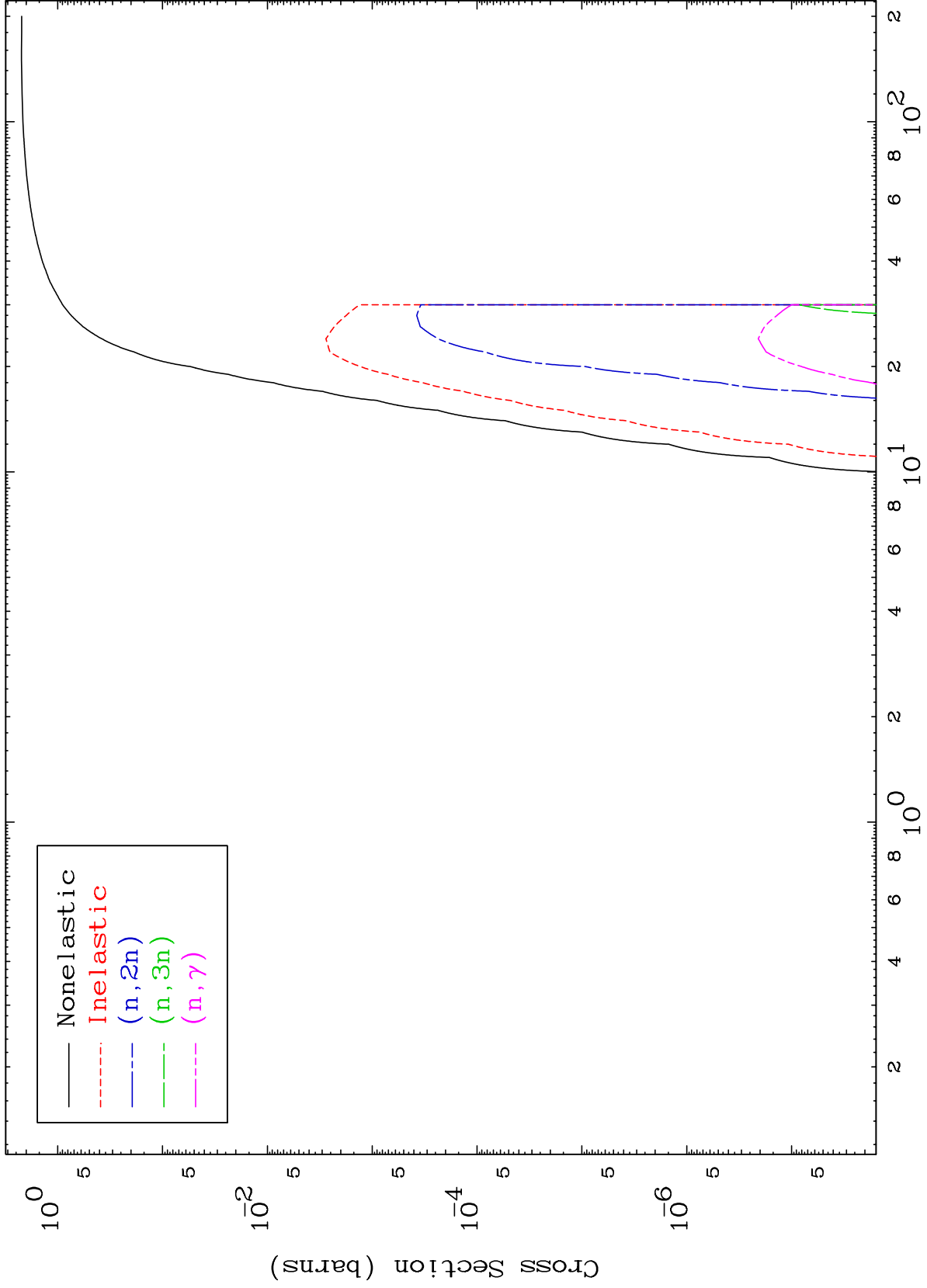
Press Mouse Button to Start

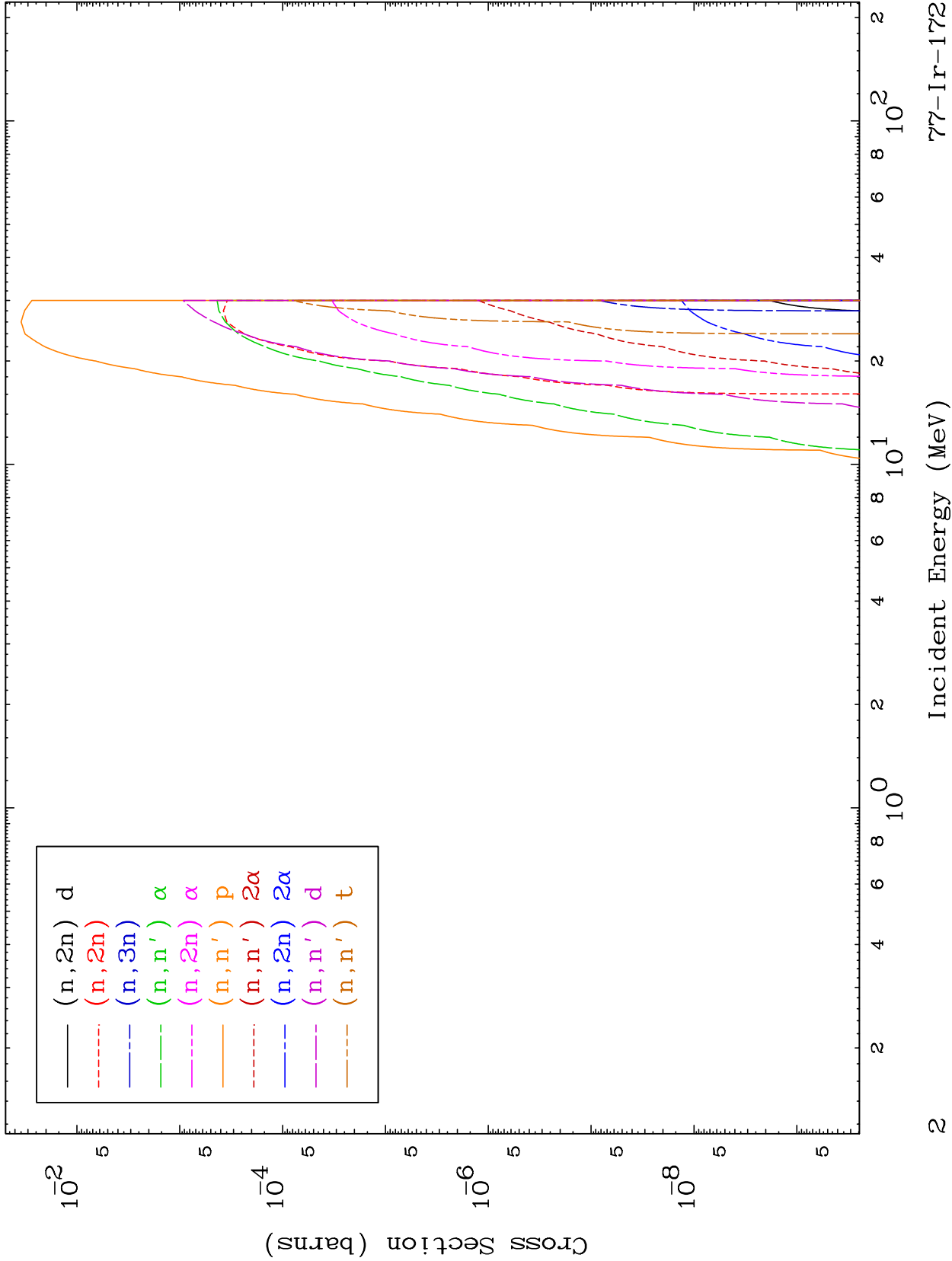
MAT 7668

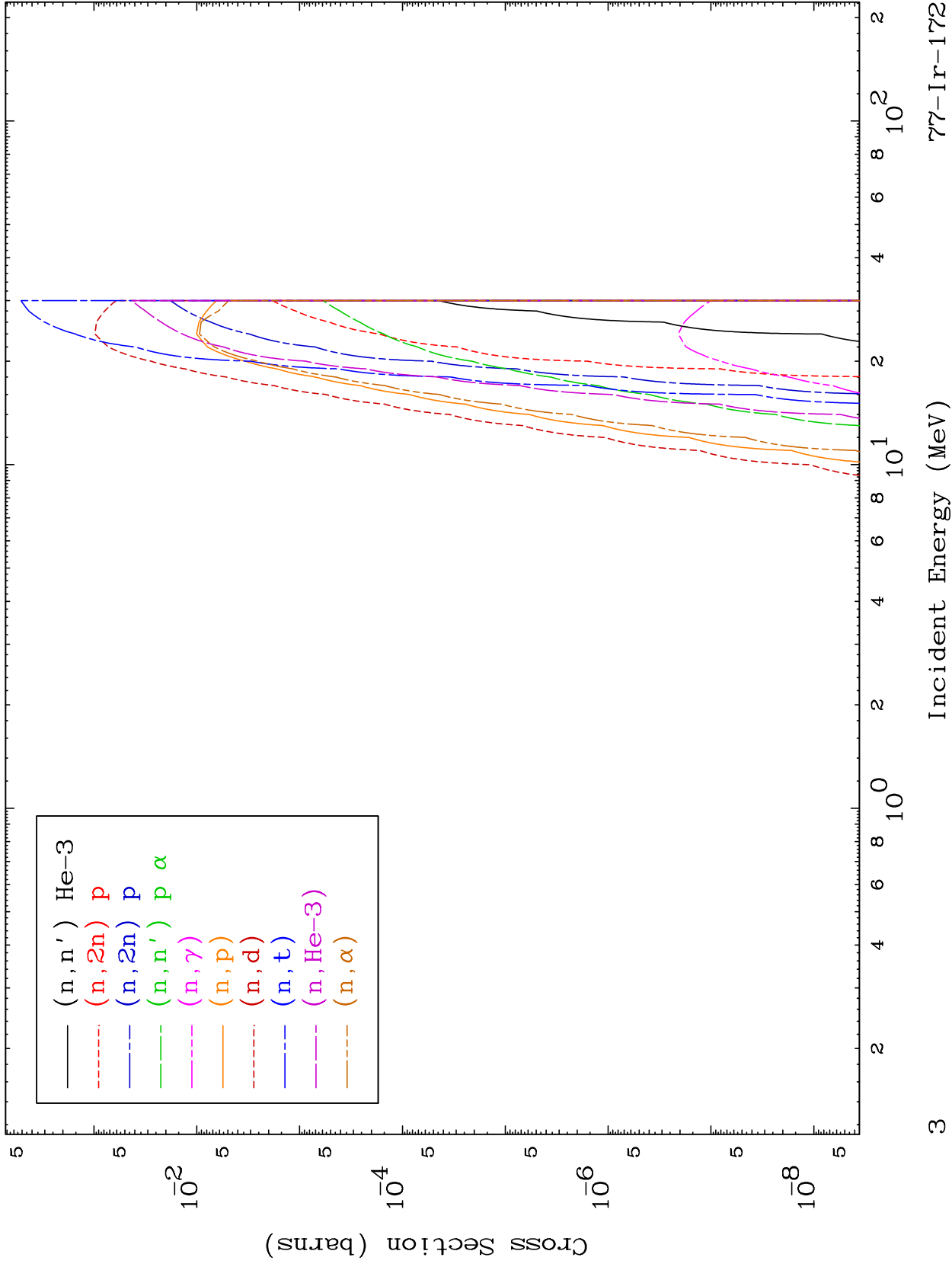
He-3 Major

0 Kelvin Cross Sections

77-Ir-172



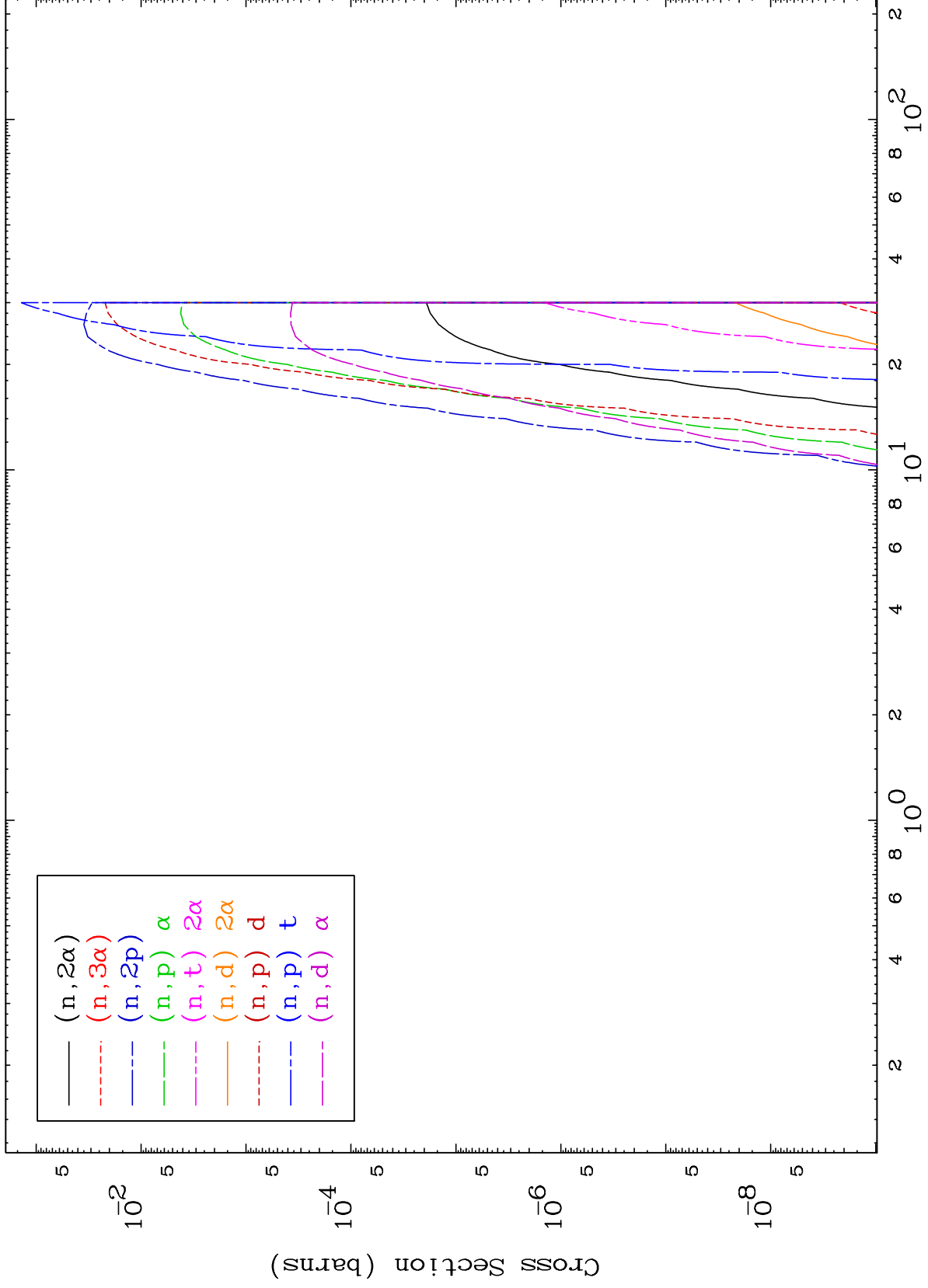


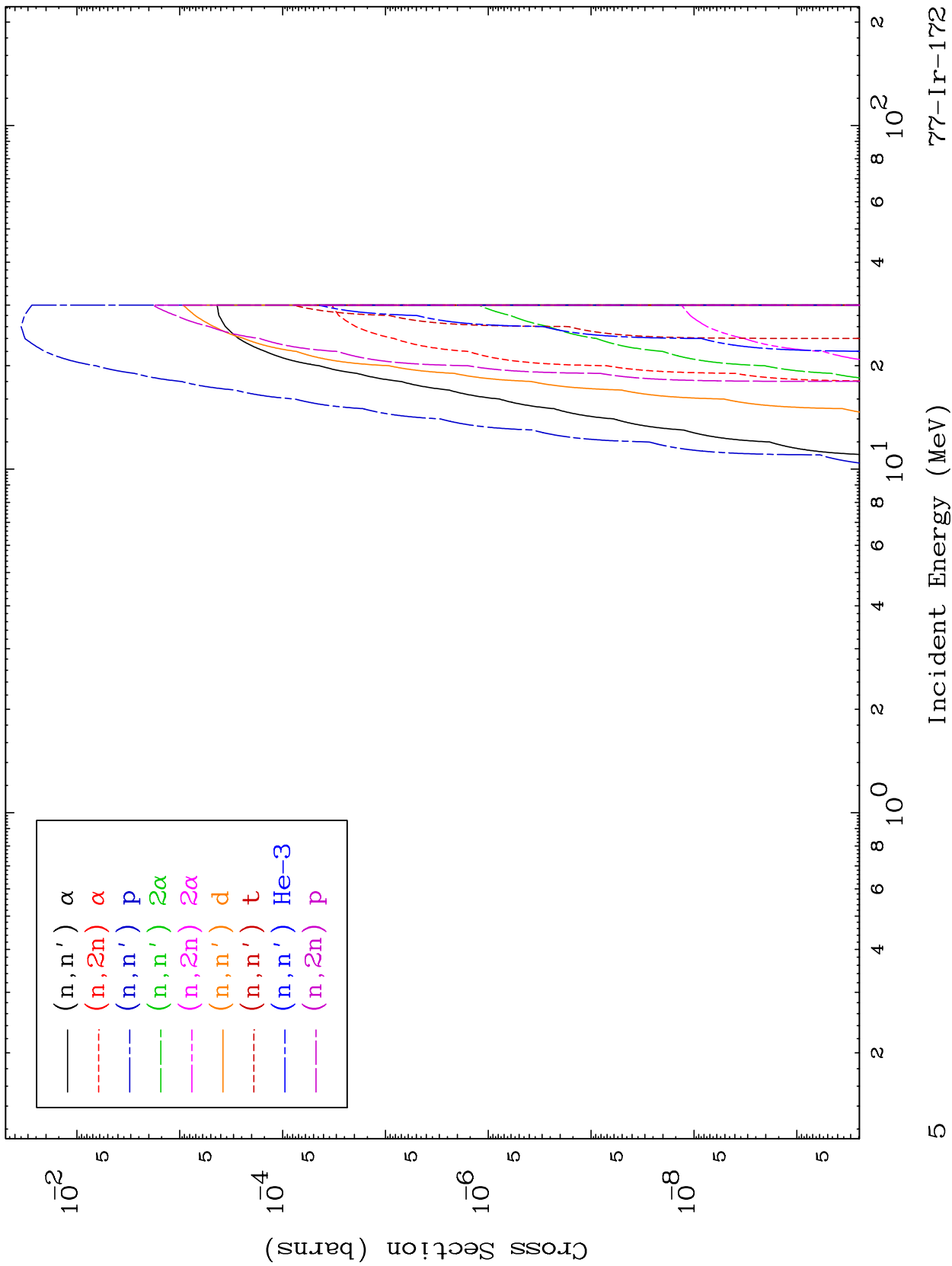


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He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-172

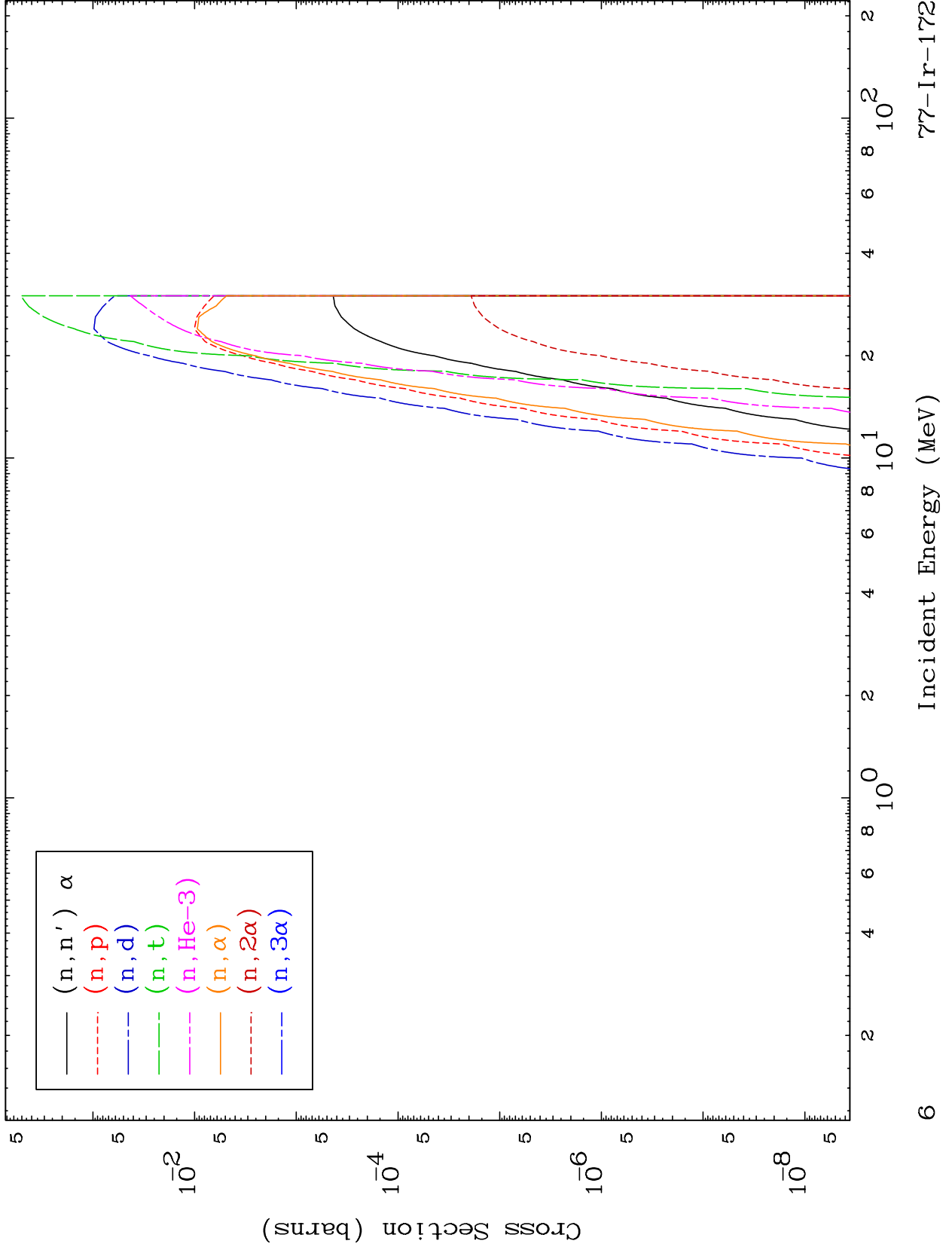


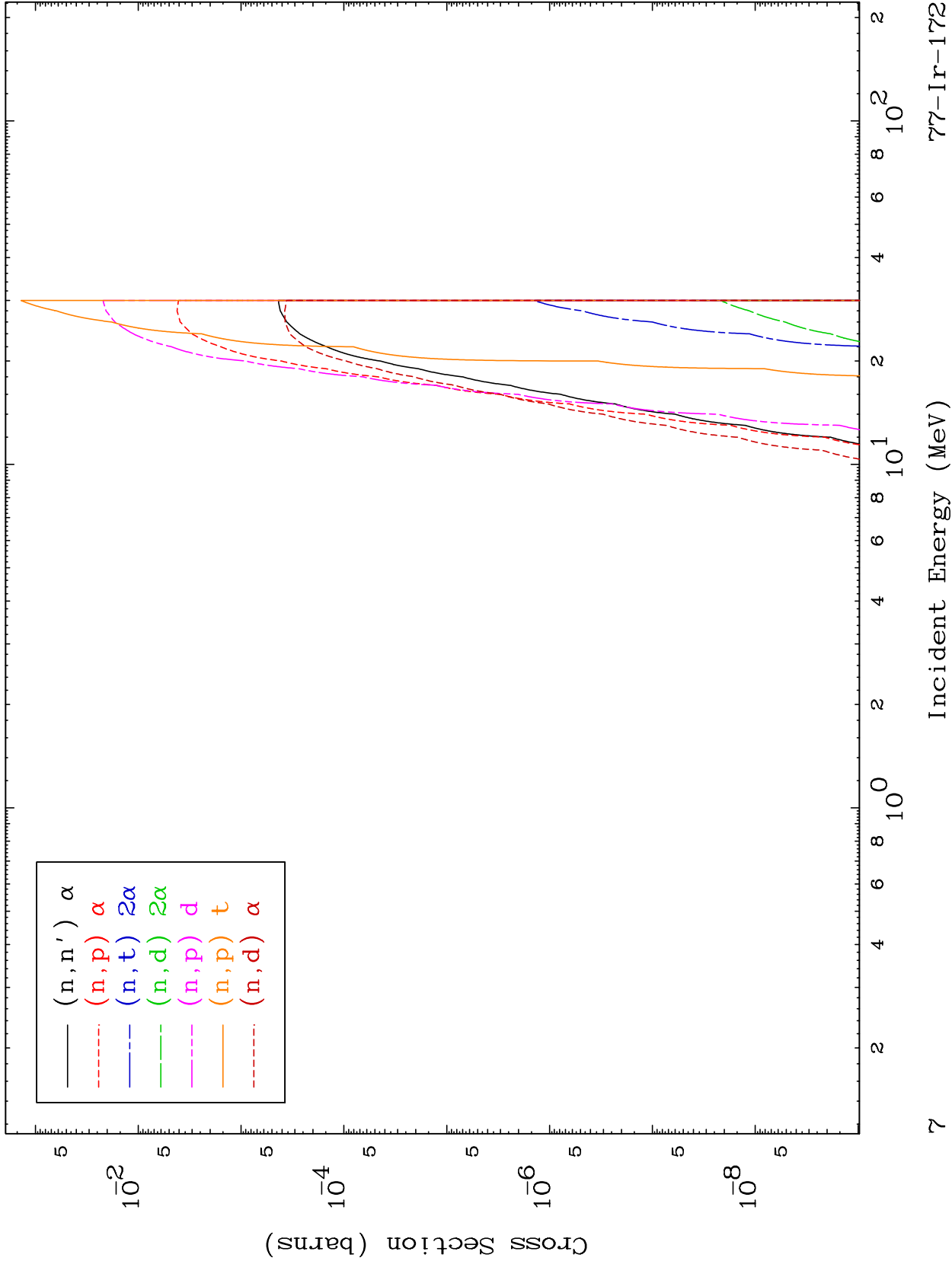


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He-3 Charged Particle
0 Kelvin Cross Sections

77-Ir-172



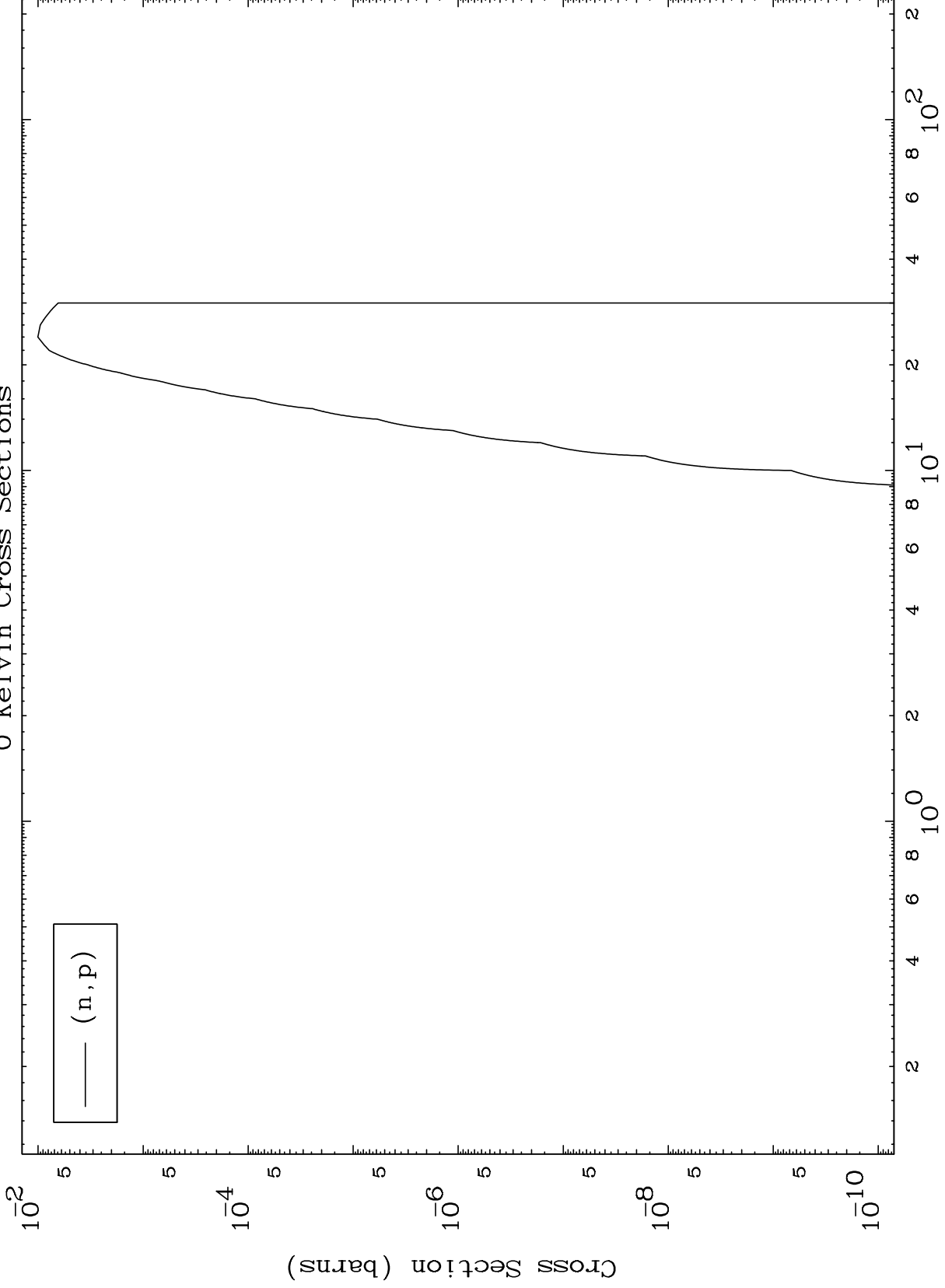


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(He-3,p) Levels

77-Ir-172

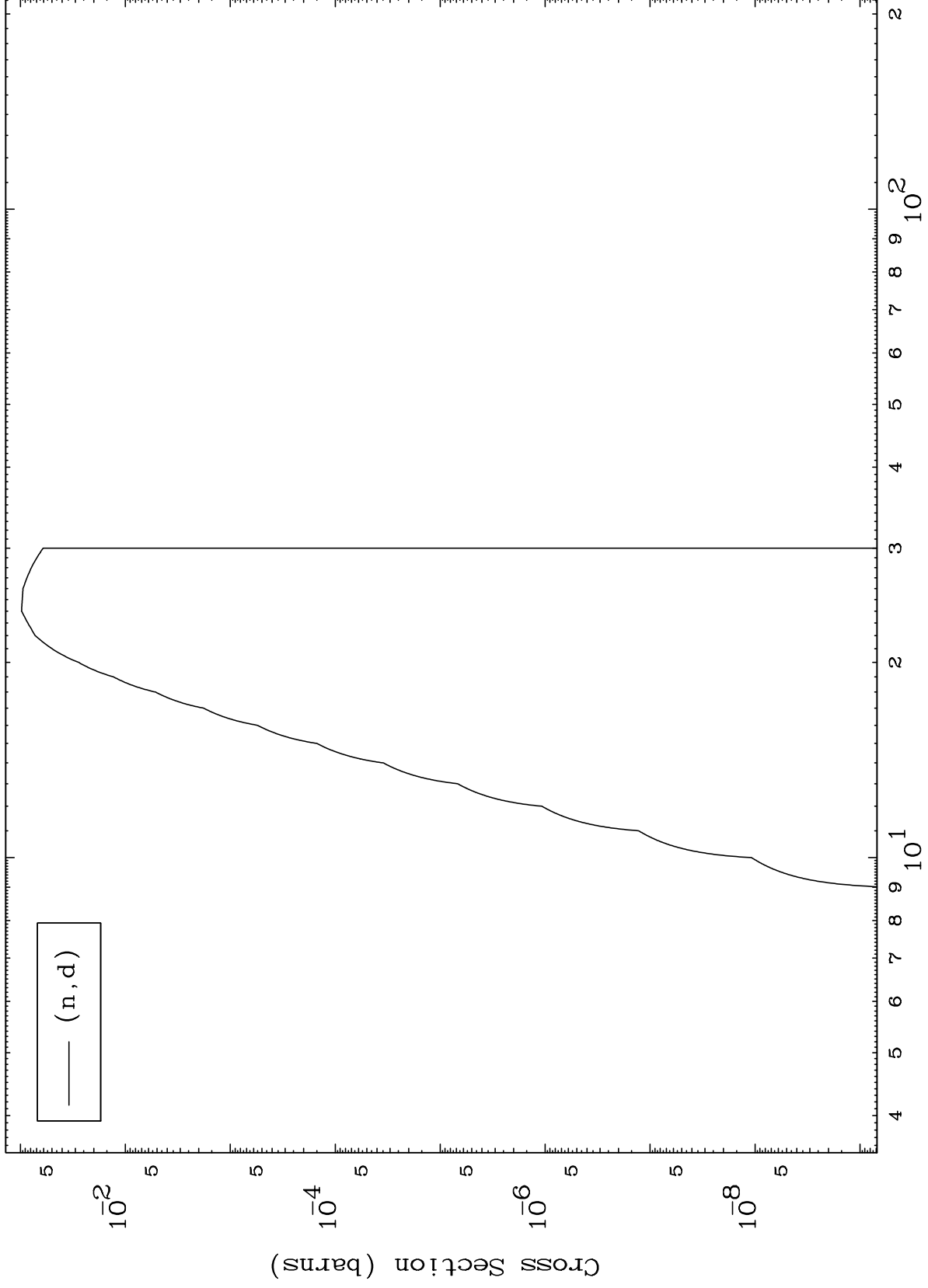
0 Kelvin Cross Sections



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(He-3,d) Levels
0 Kelvin Cross Sections

77-Ir-172

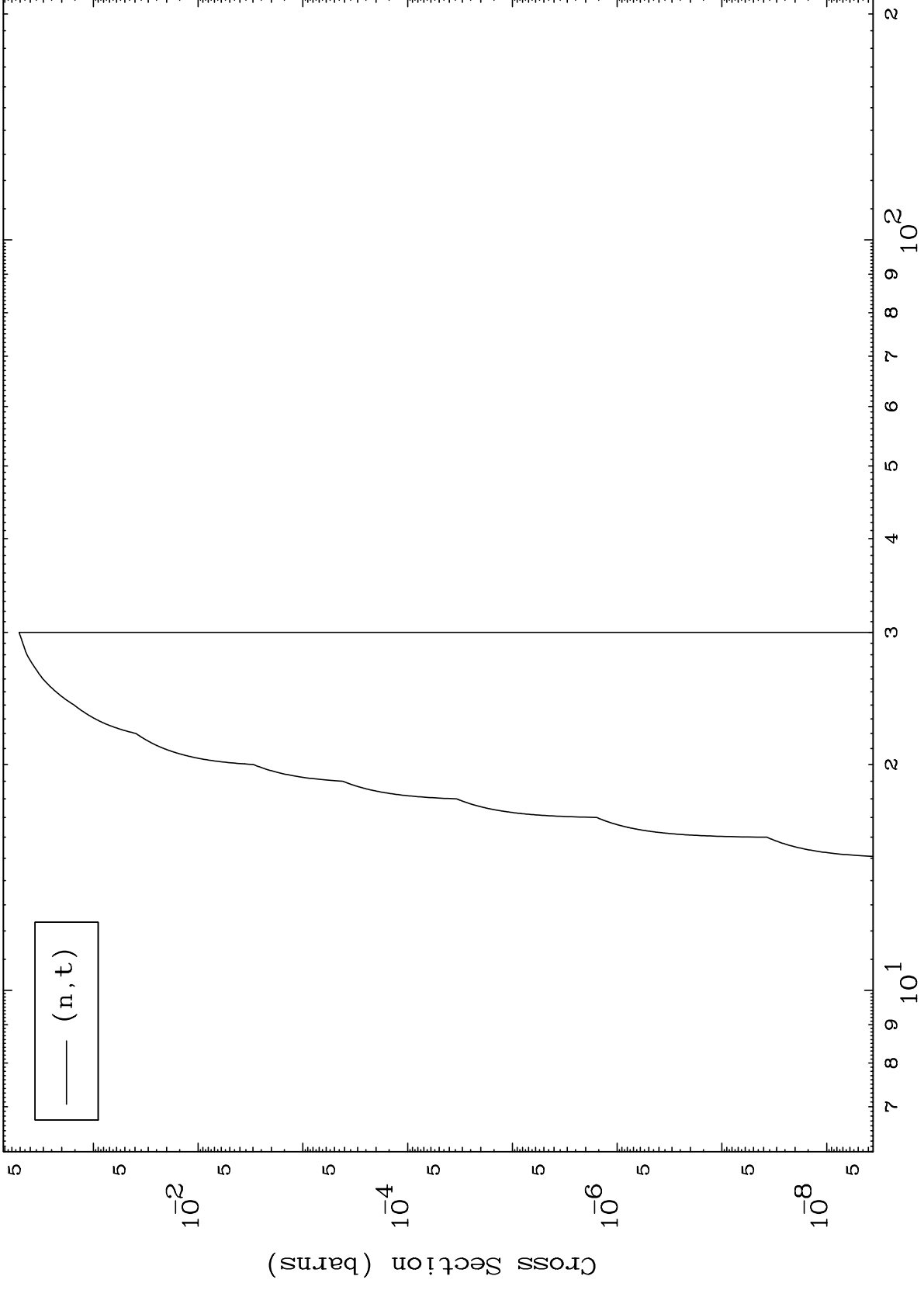


(n, d)

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(He-3,t) Levels
0 Kelvin Cross Sections

77-Ir-172



10

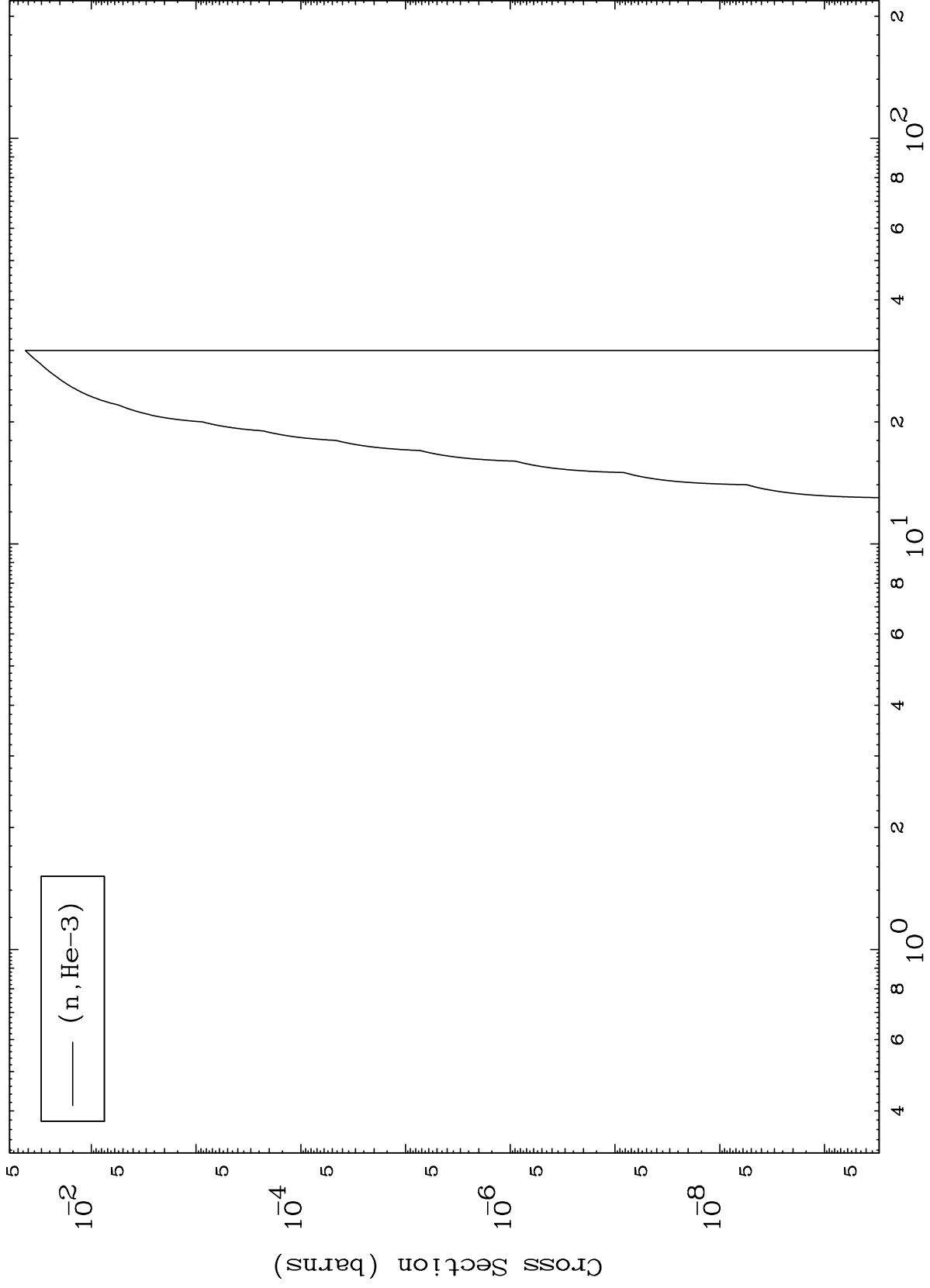
Incident Energy (MeV)

77-Ir-172

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(He-3, He3) Levels
0 Kelvin Cross Sections

77-Ir-172

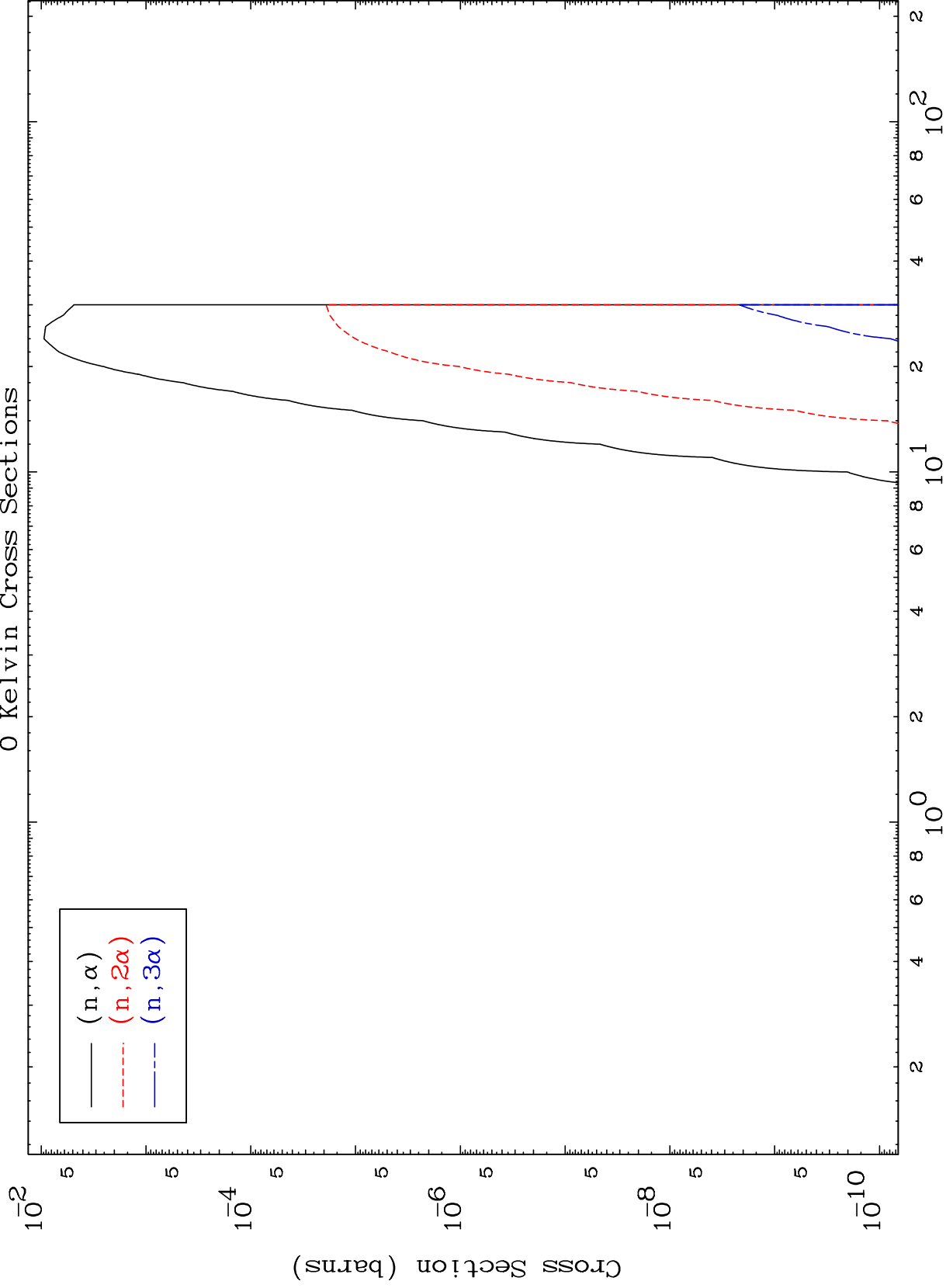


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(He-3, α) Levels

77-Ir-172

0 Kelvin Cross Sections



12

Incident Energy (MeV)

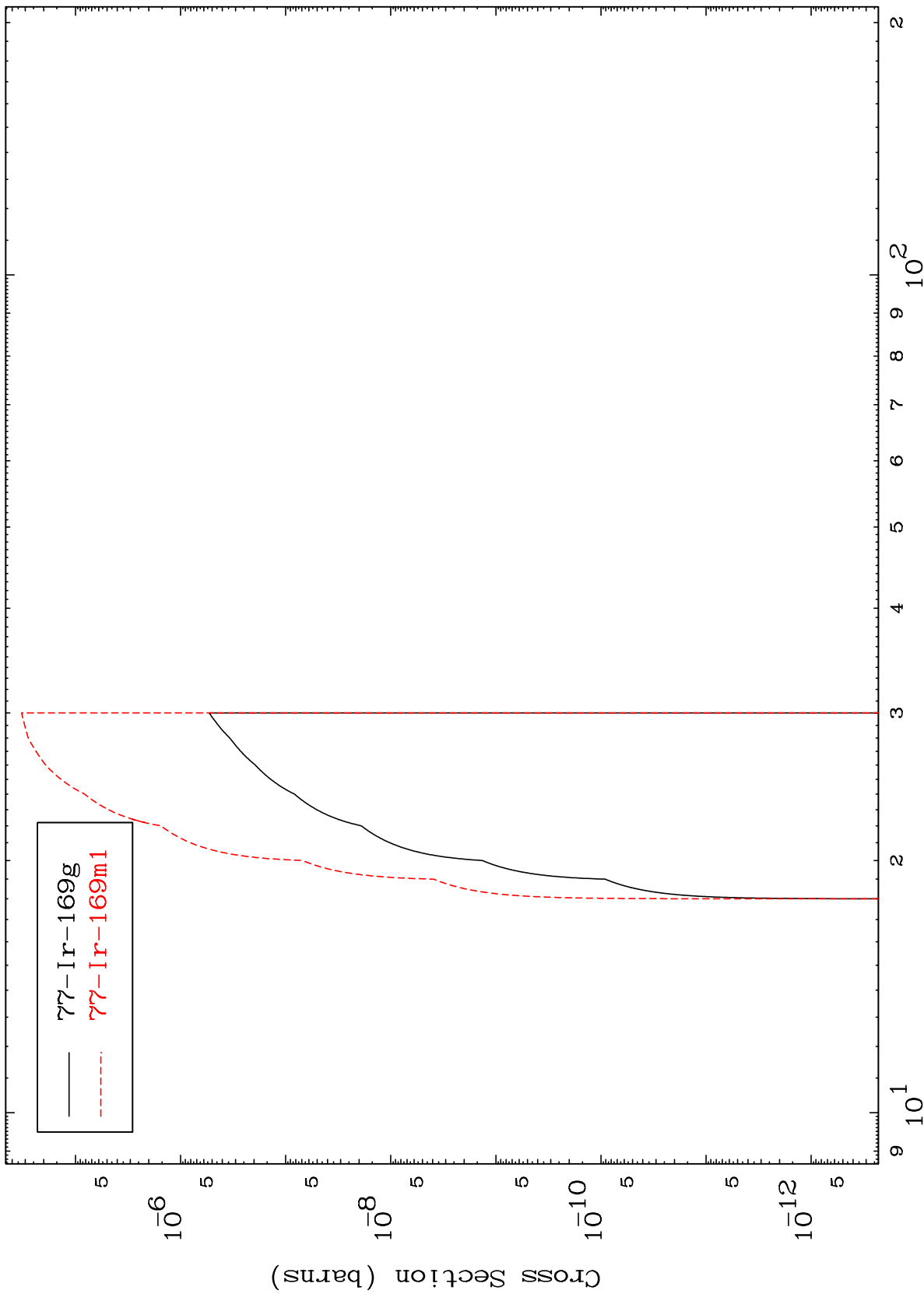
77-Ir-172

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(n,2n) α

⁷⁷Ir-172

Radionuclide Production Cross Section



— ⁷⁷Ir-169g
- - - ⁷⁷Ir-169m1

Incident Energy (MeV)

⁷⁷Ir-172

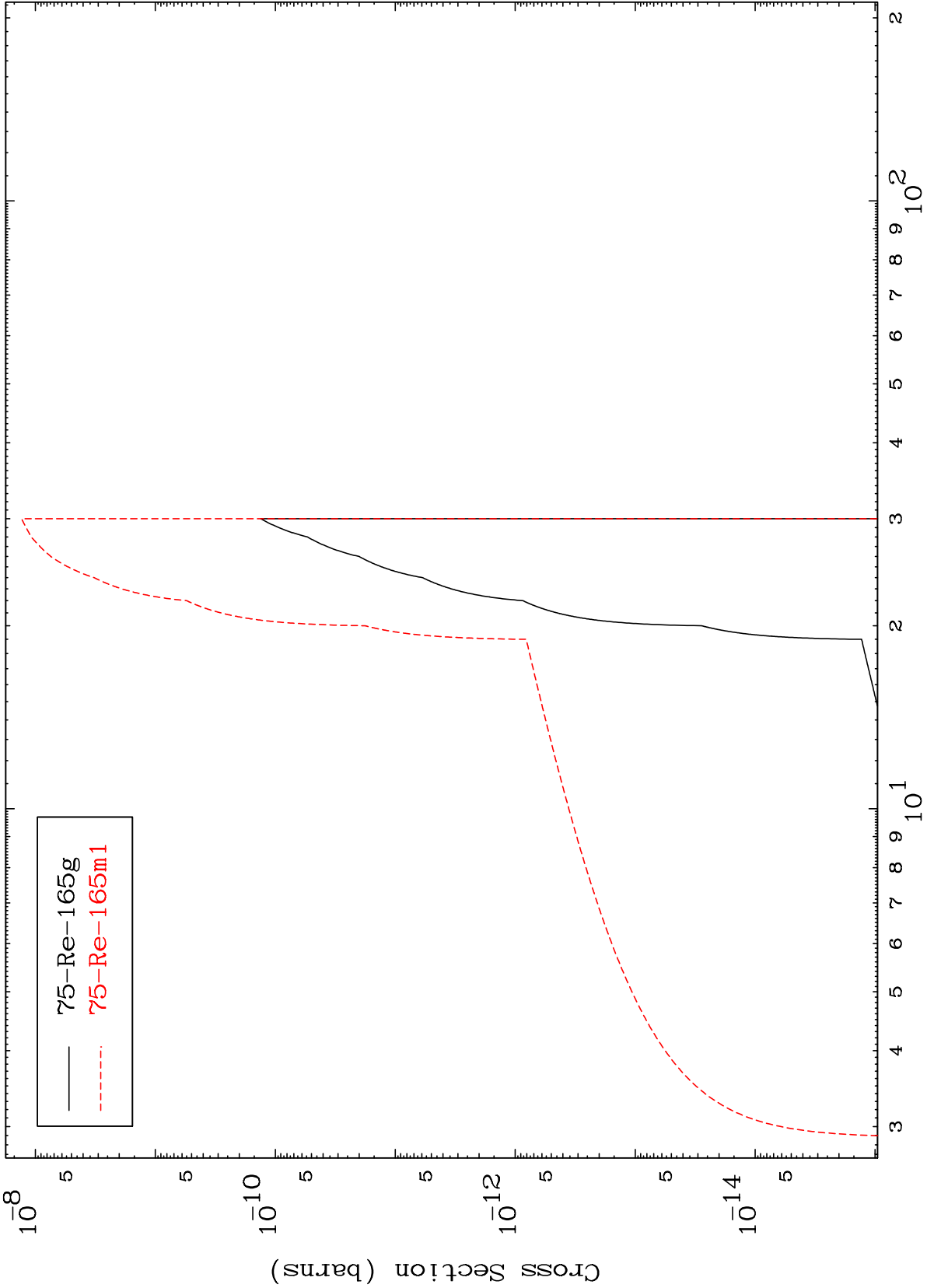
13

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$^{77}\text{Ir-172}$

$(n,2n) 2\alpha$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

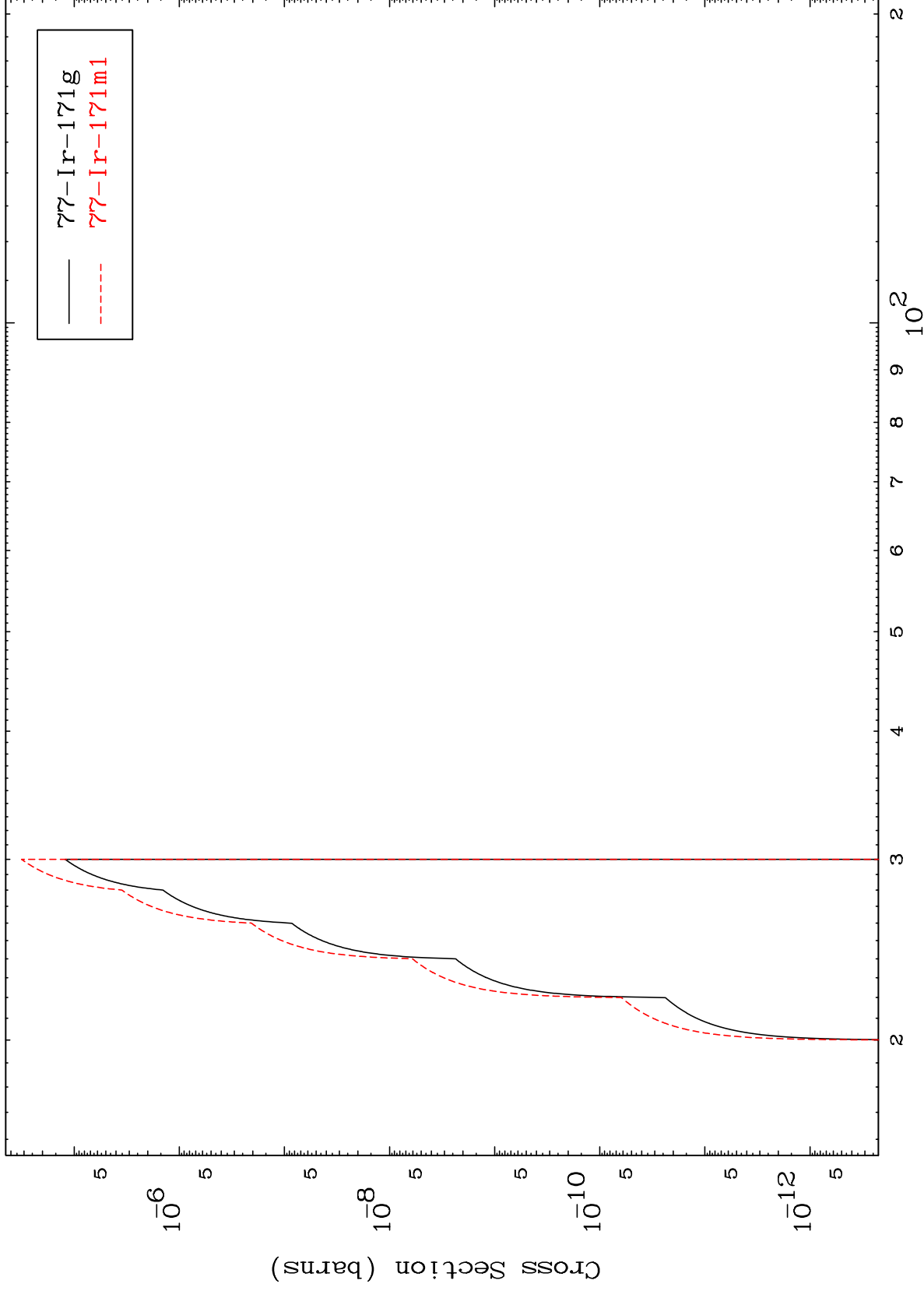
$^{77}\text{Ir-172}$

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(n,n') He-3

⁷⁷Ir-172

Radionuclide Production Cross Section



15

Incident Energy (MeV)

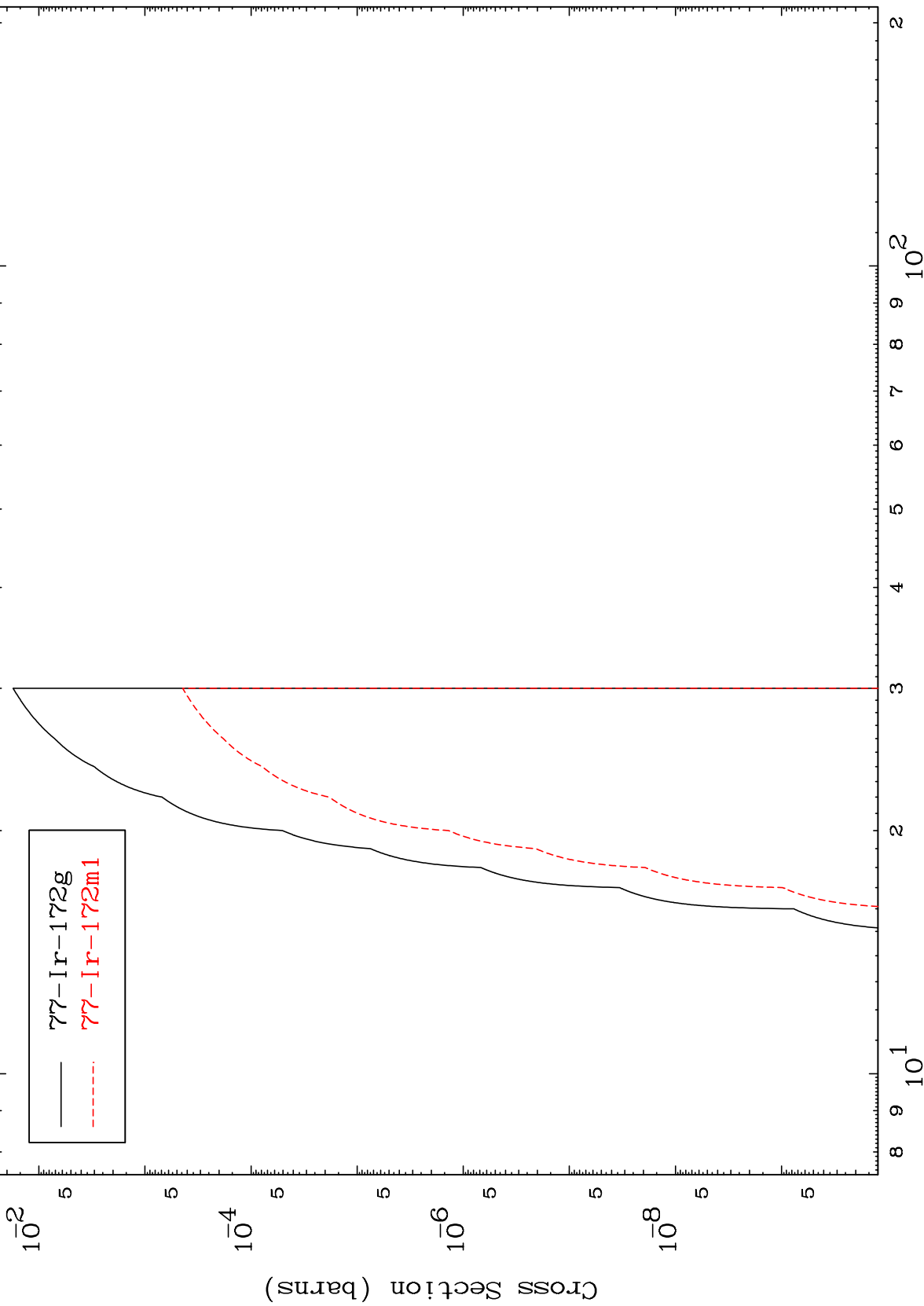
⁷⁷Ir-172

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(n,2n) p

⁷⁷Ir-172

Radionuclide Production Cross Section



16

Incident Energy (MeV)

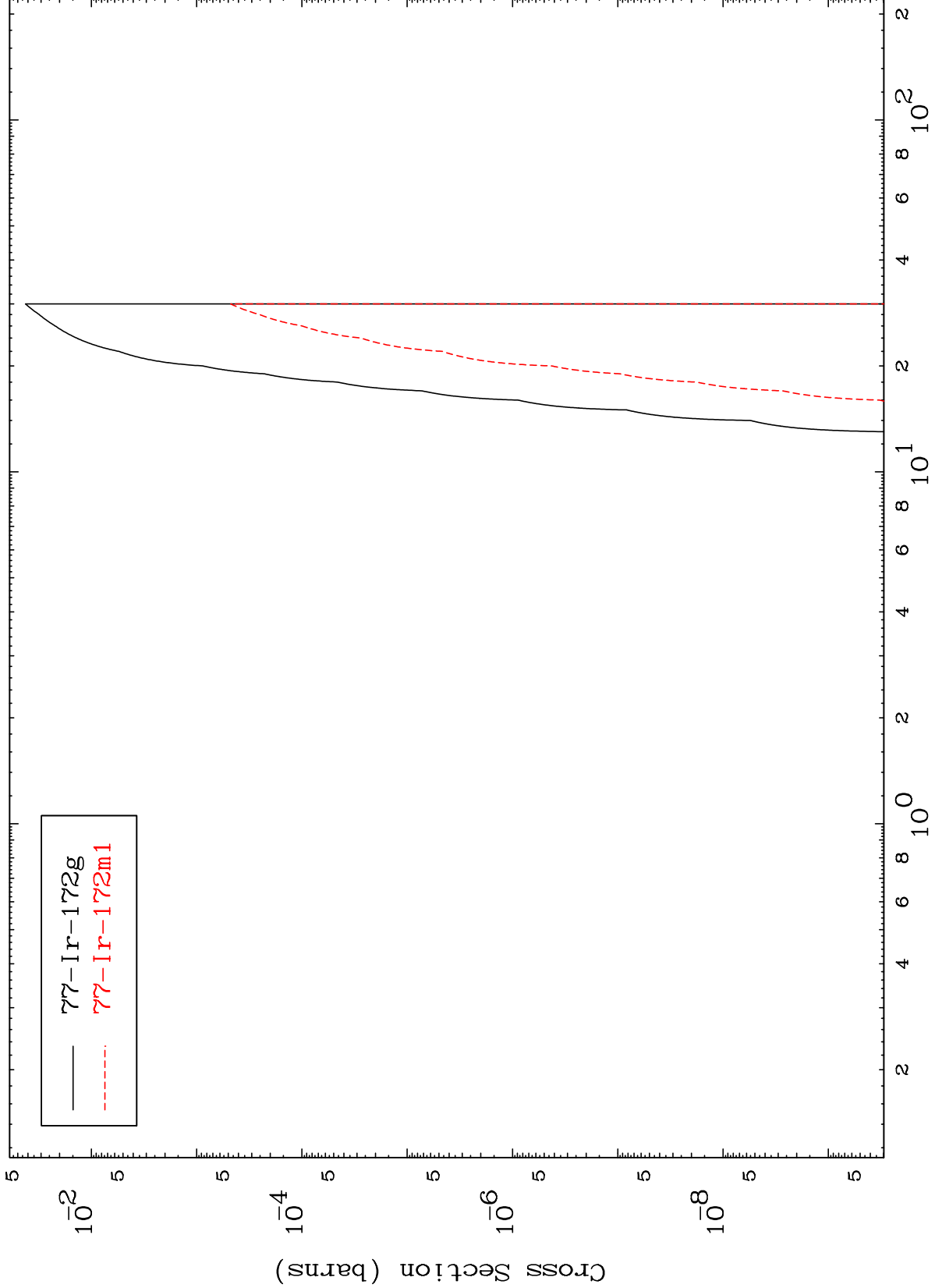
⁷⁷Ir-172

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(n,He-3)

⁷⁷Ir-172

Radionuclide Production Cross Section



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⁷⁷Ir-172

Radionuclide Production Cross Section

(n,α)

⁷⁷Ir-172

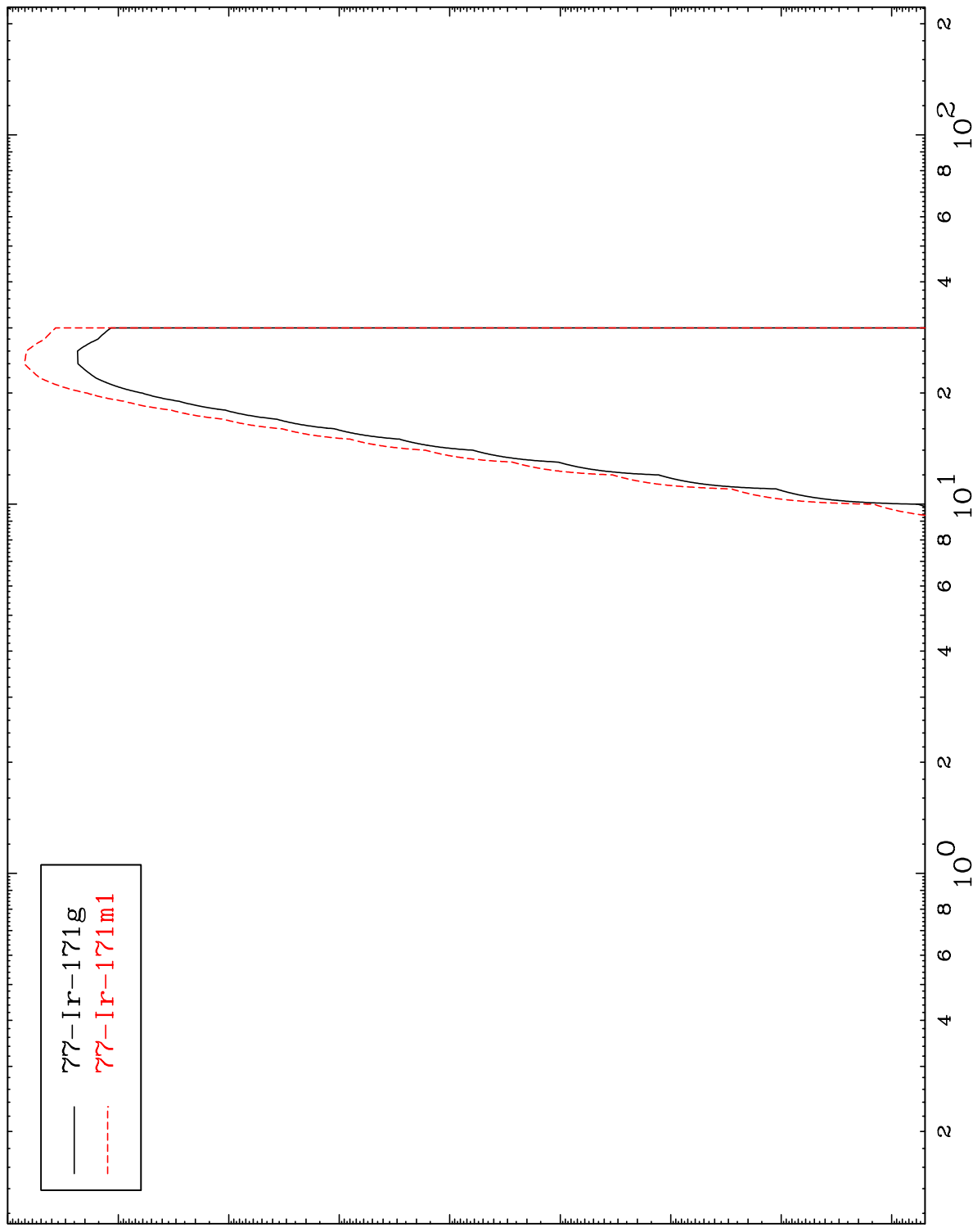
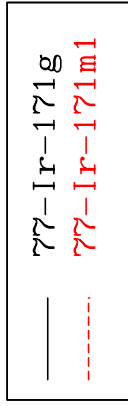
10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰



18

Incident Energy (MeV)

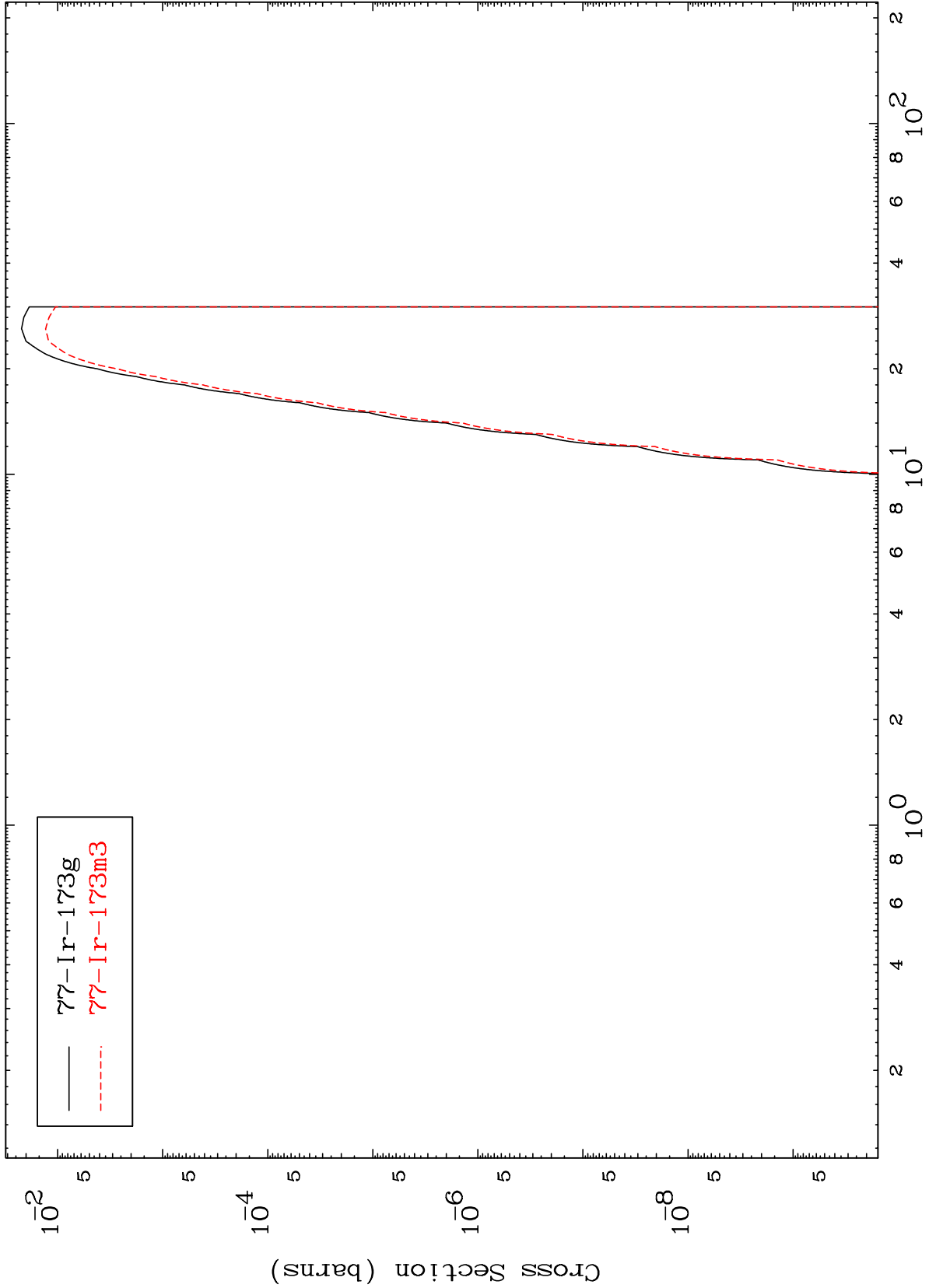
⁷⁷Ir-172

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(n,2p)

⁷⁷Ir-172

Radionuclide Production Cross Section

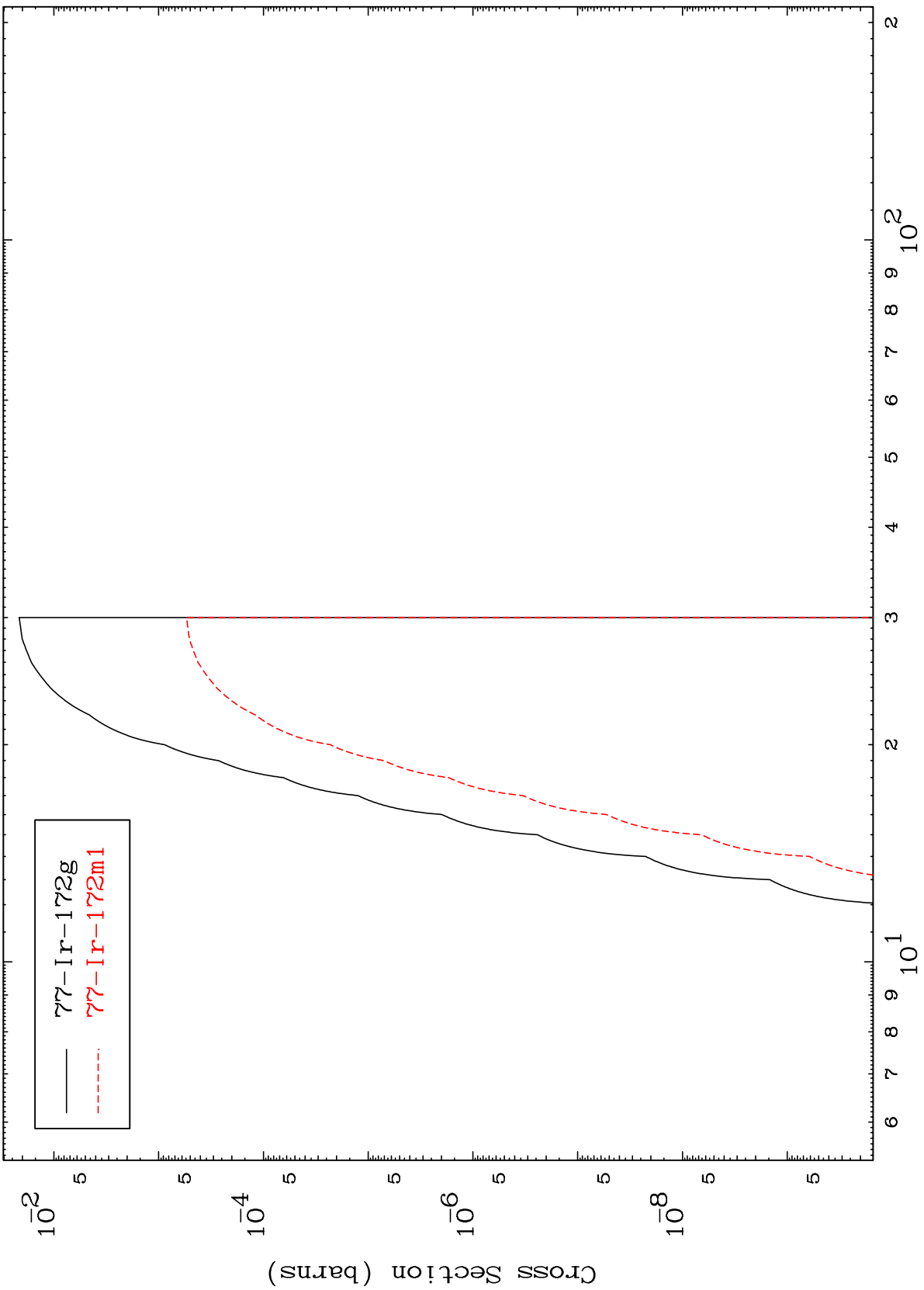


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$^{77}\text{Ir-172}$ d

$^{77}\text{Ir-172}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

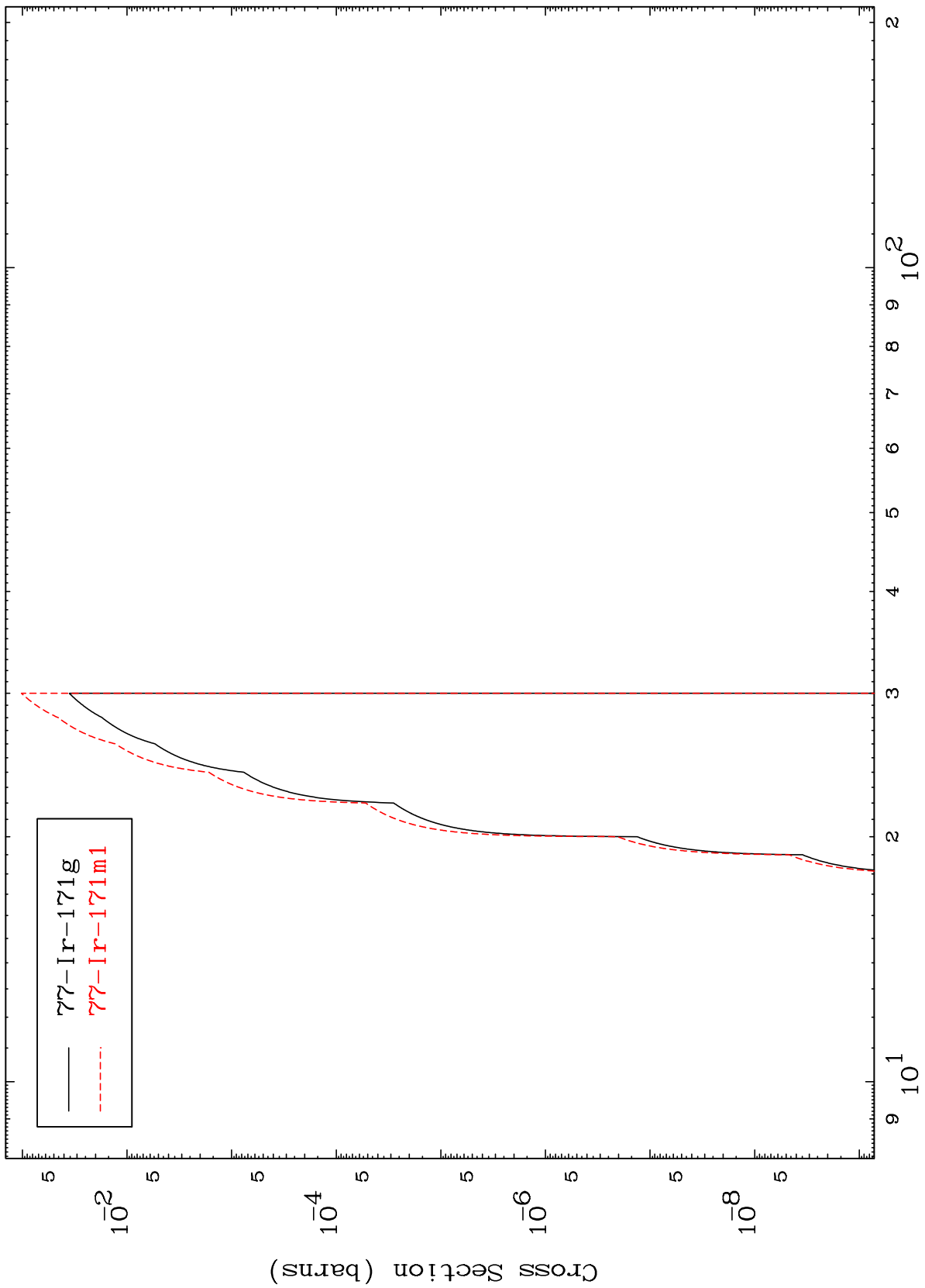
$^{77}\text{Ir-172}$

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(n,p) t

⁷⁷Ir-172

Radionuclide Production Cross Section



— ⁷⁷Ir-171g
- - - ⁷⁷Ir-171m1