

Program EVALPLOT
(Version 2021-1)

by

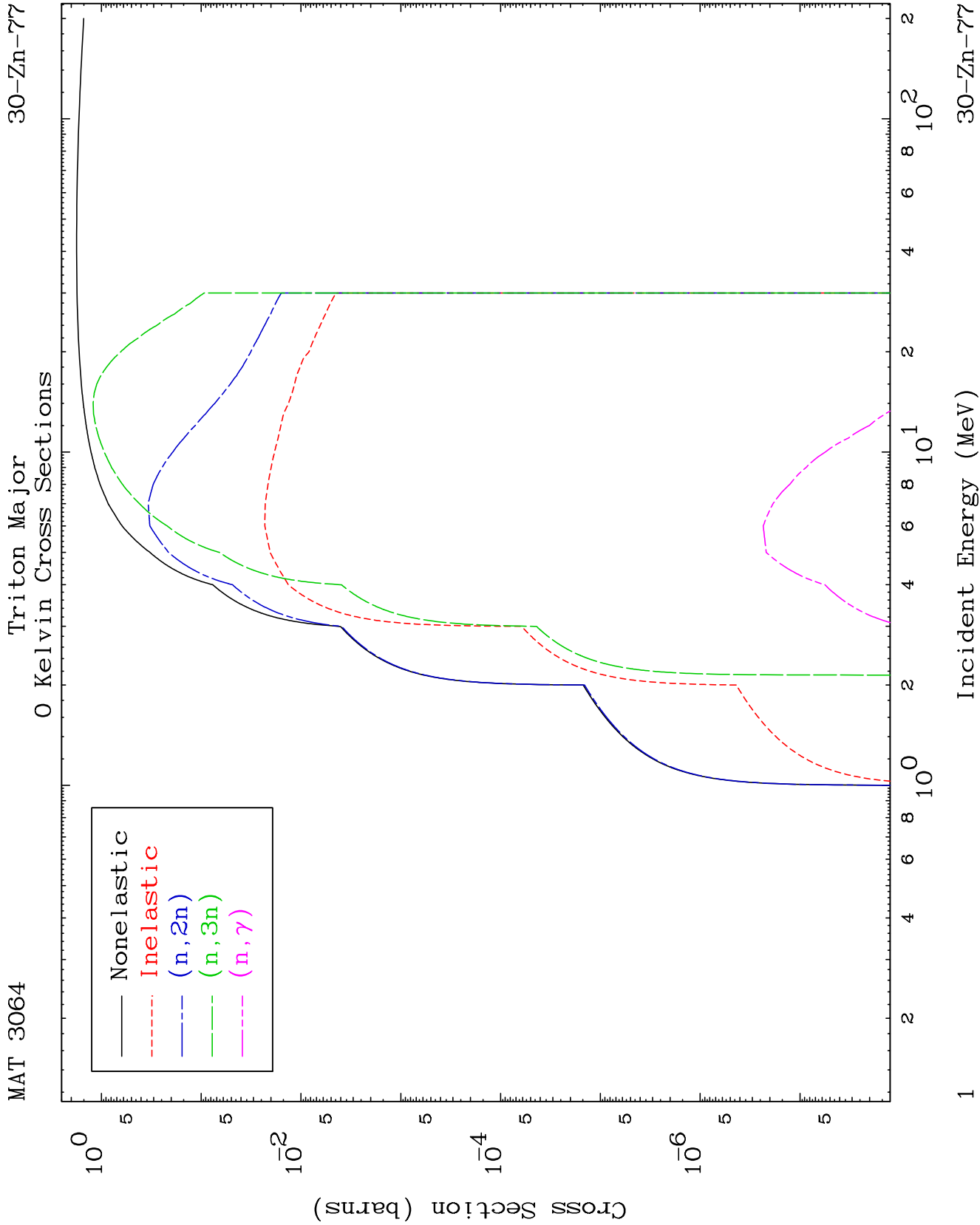
Dermott E. Cullen
(Present Contact Information)

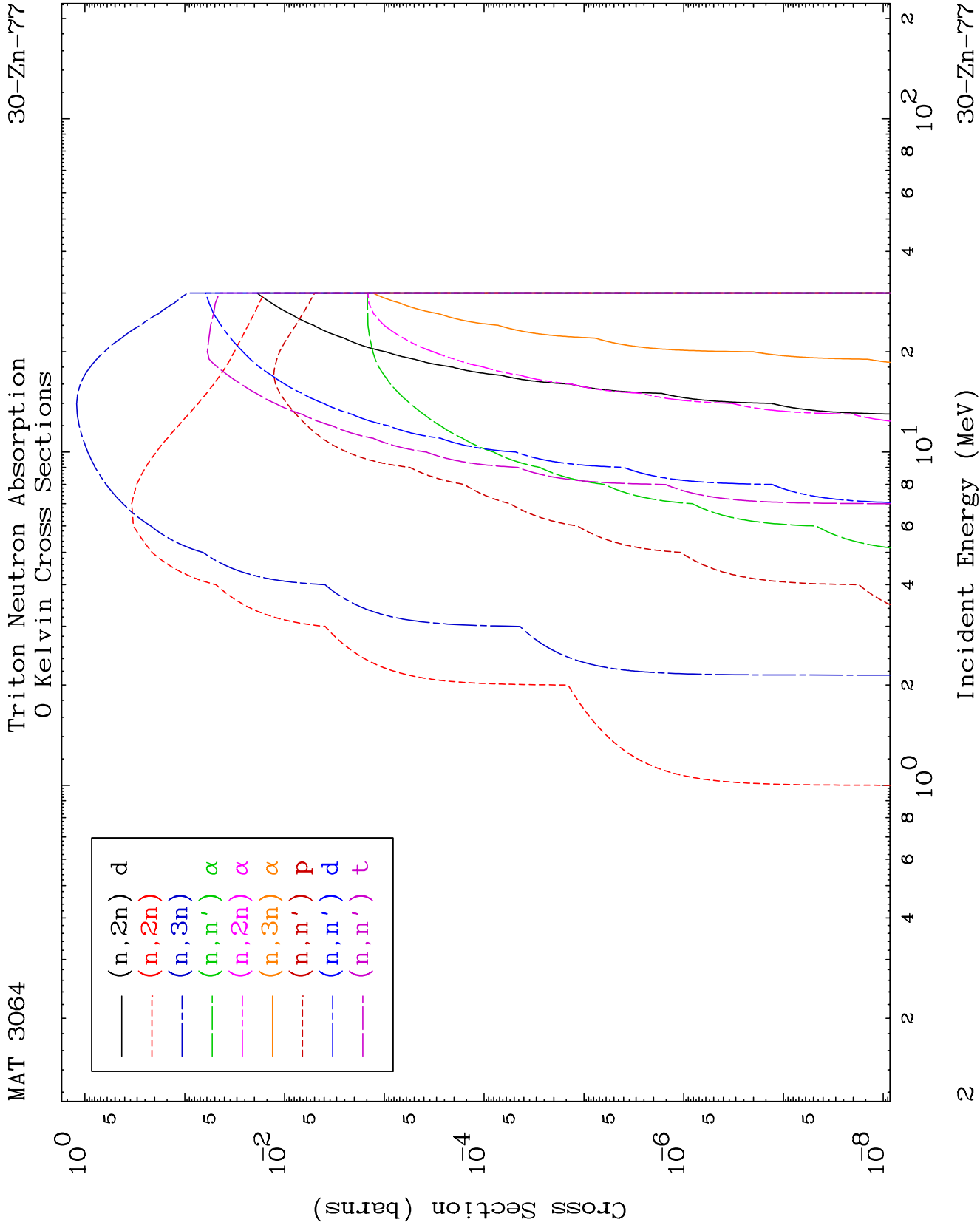
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

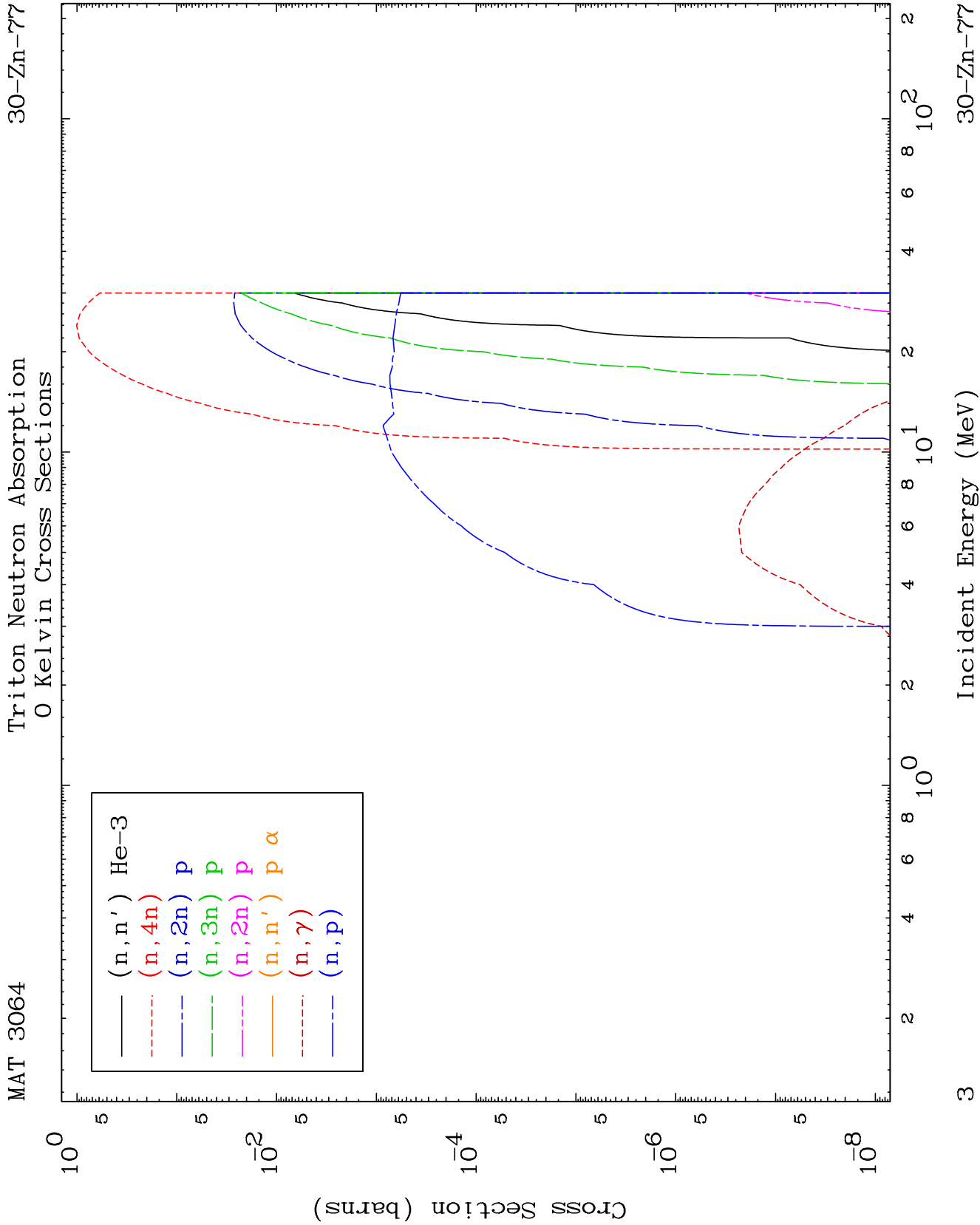
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



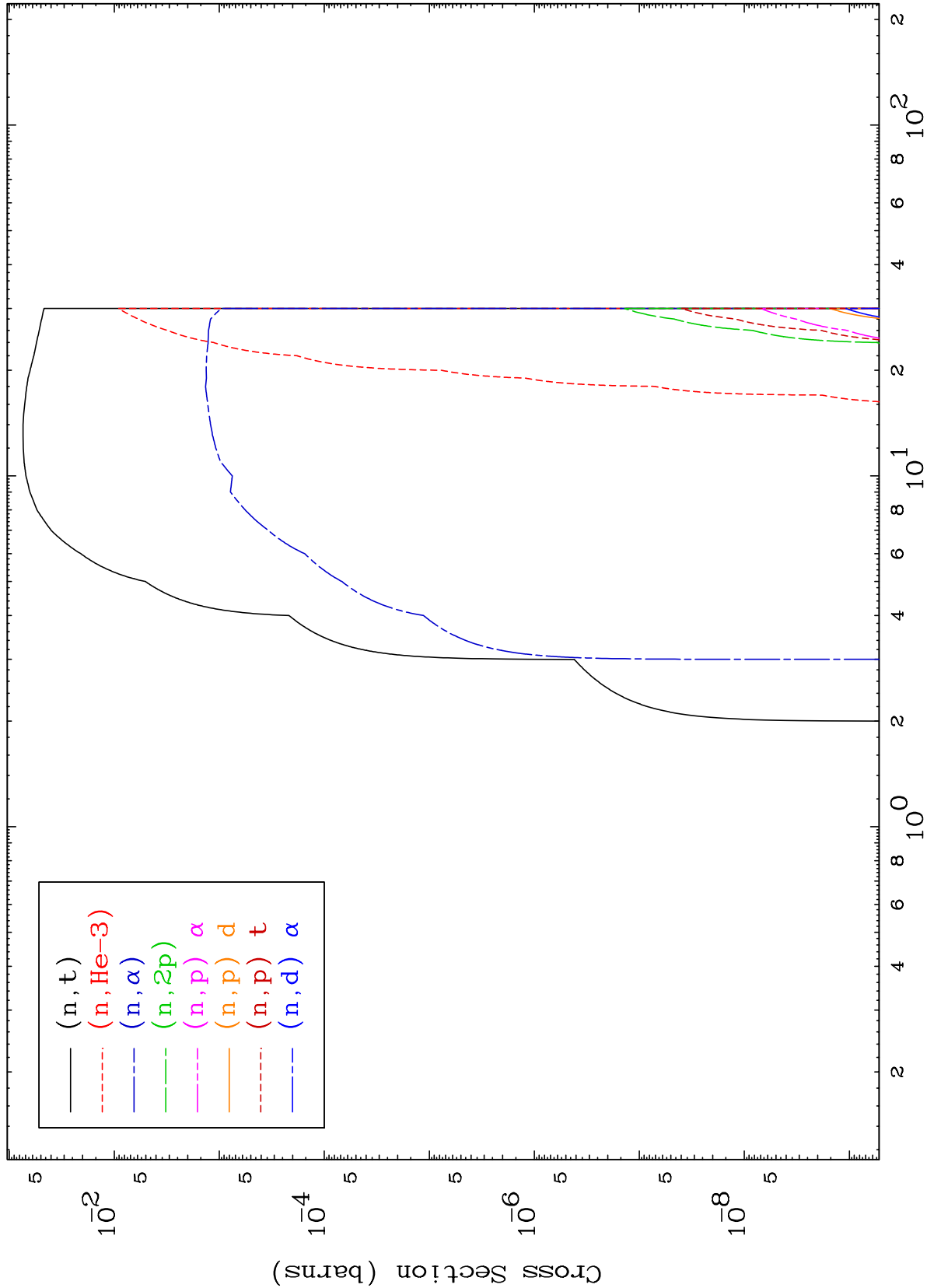


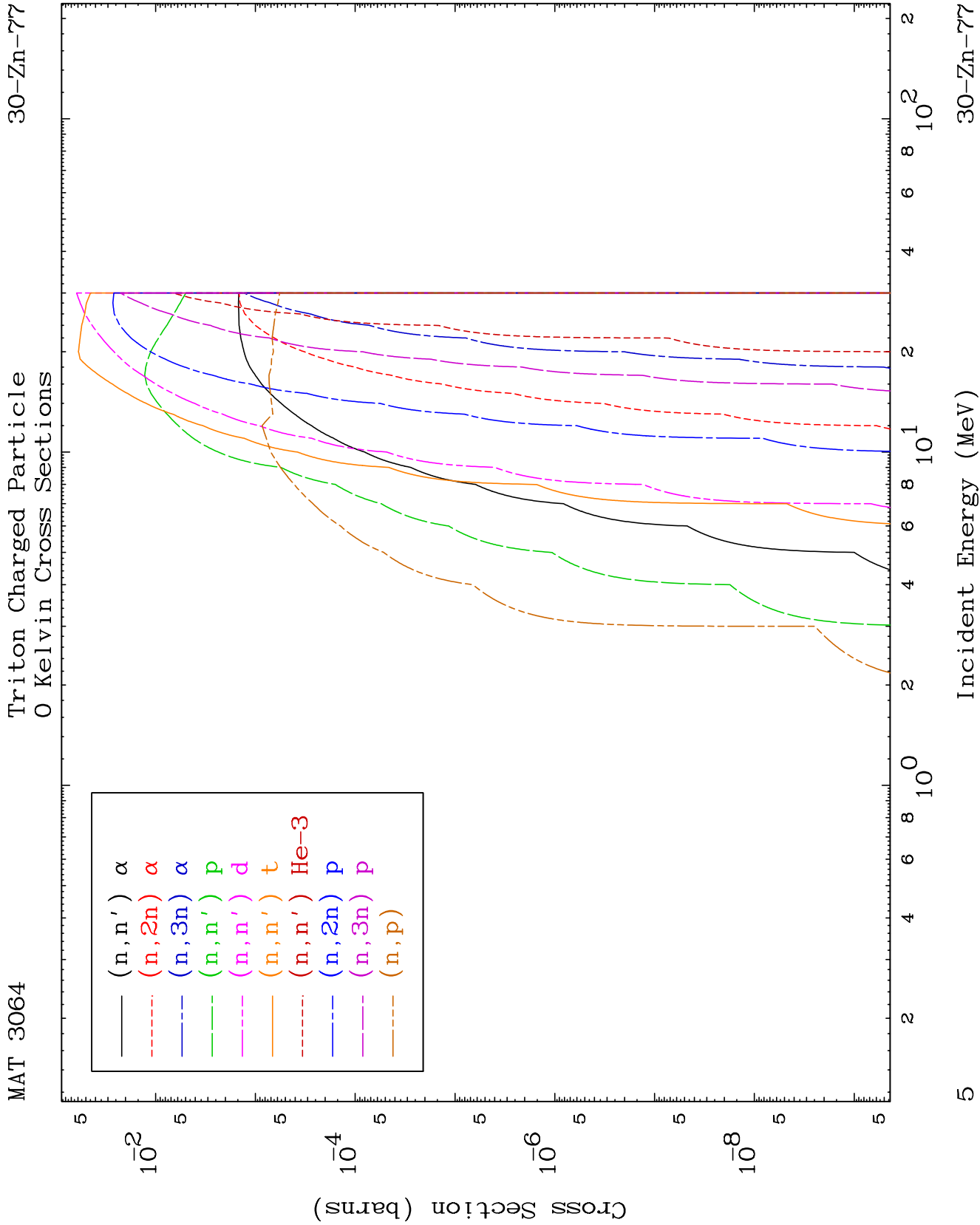


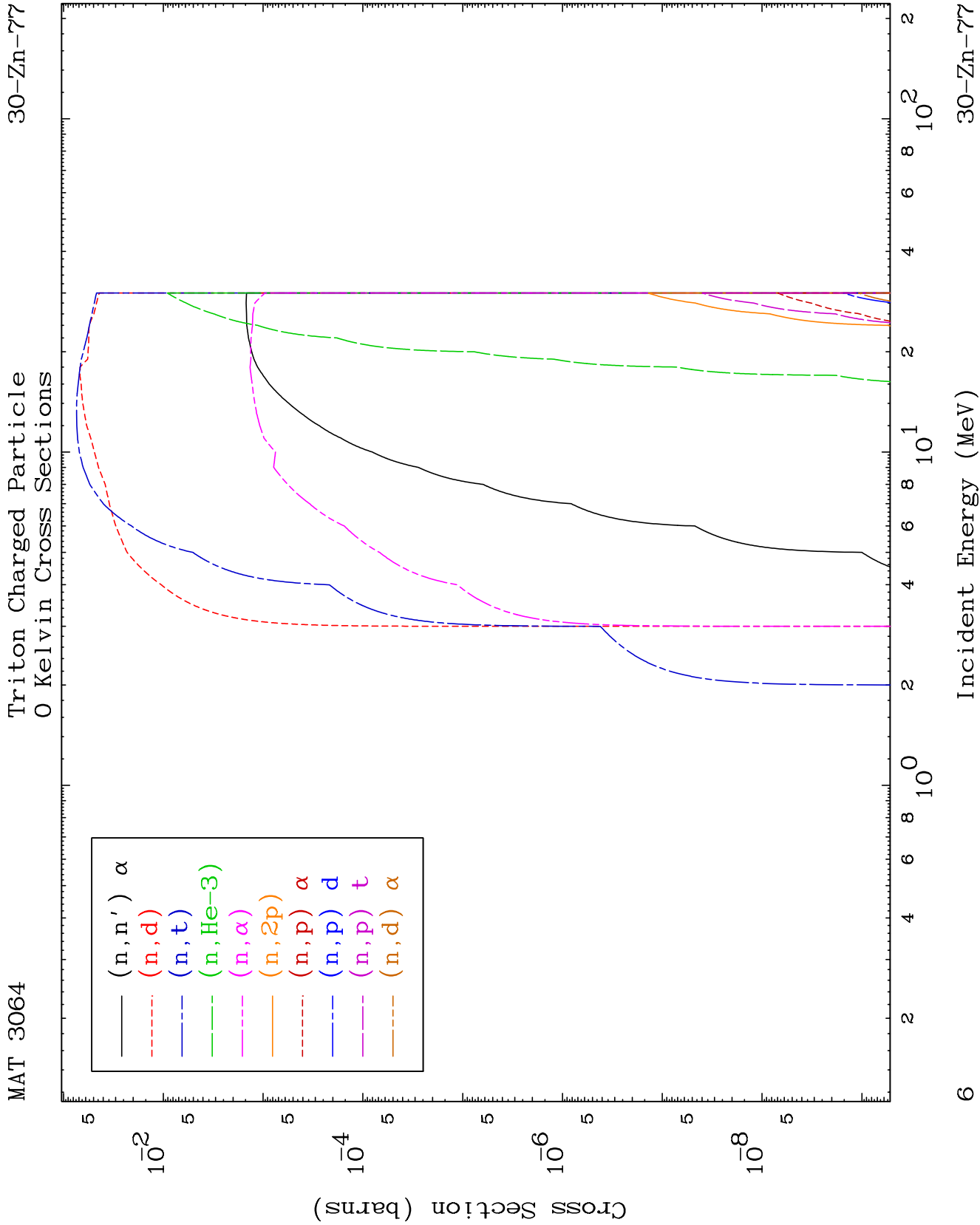
MAT 3064

Triton Neutron Absorption
0 Kelvin Cross Sections

$^{30}\text{Zn-}\gamma\gamma$



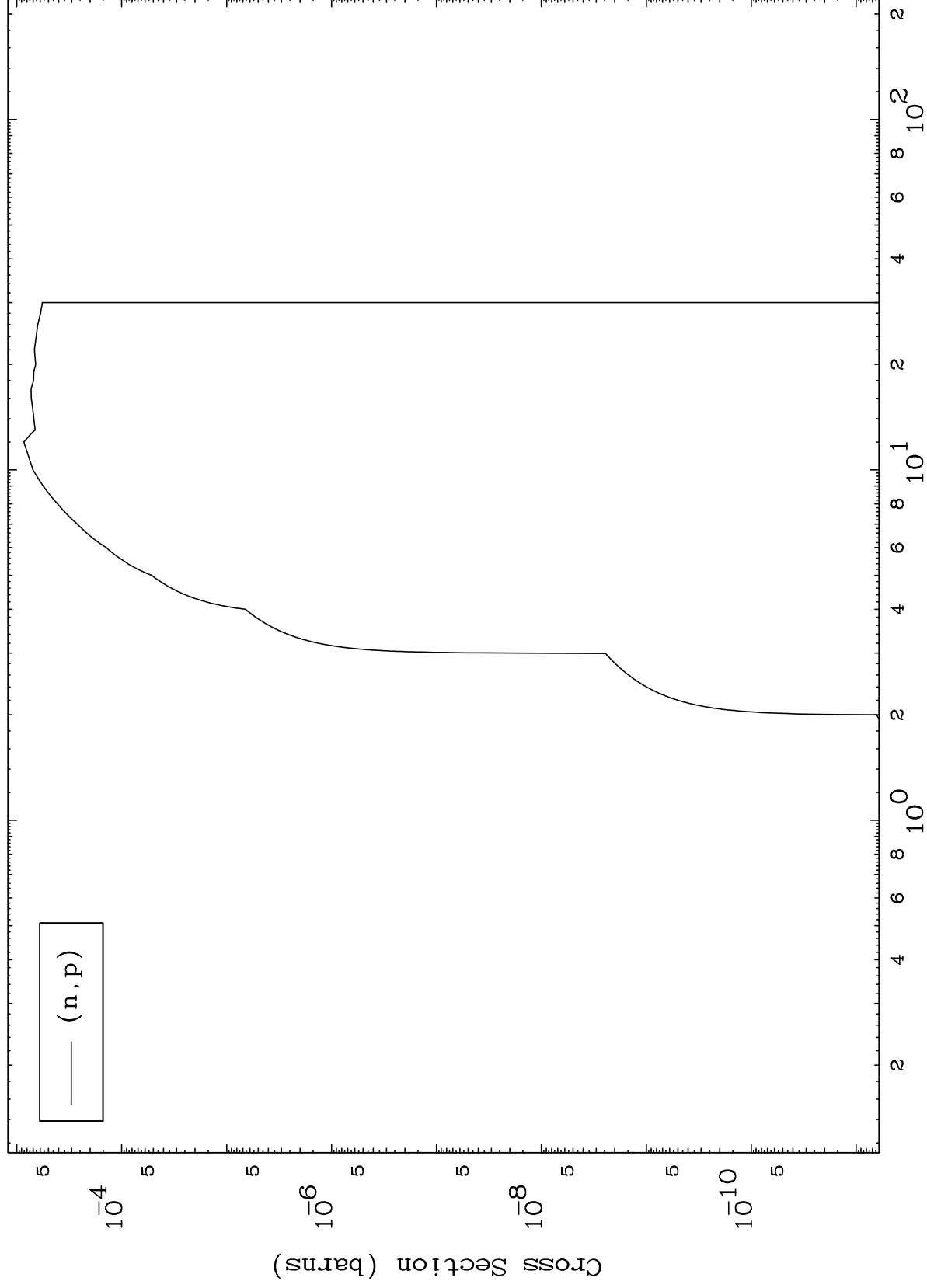




MAT 3064

30-Zn-77

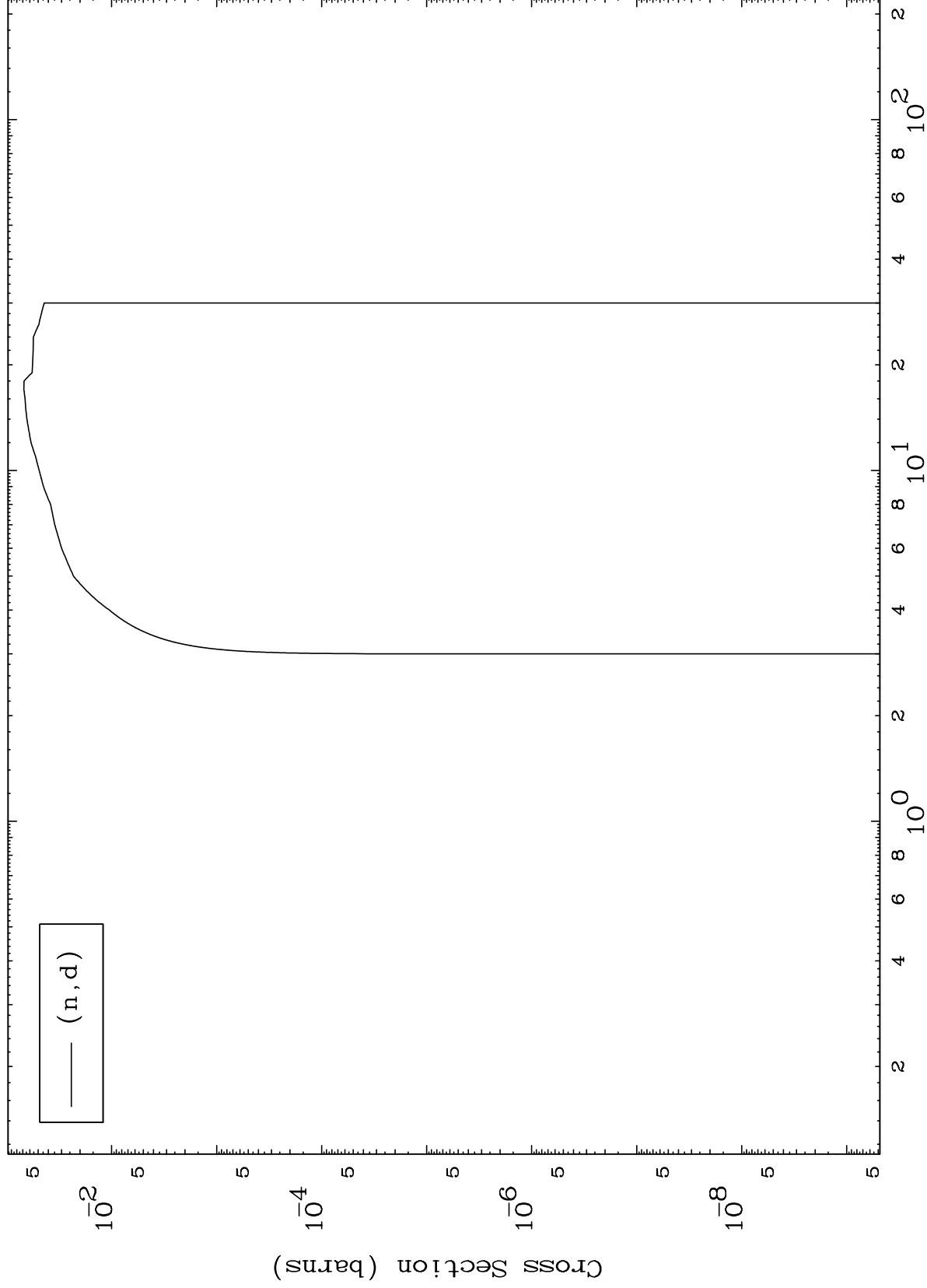
(t,p) Levels
0 Kelvin Cross Sections



MAT 3064

30-Zn-77

(t,d) Levels
0 Kelvin Cross Sections



8

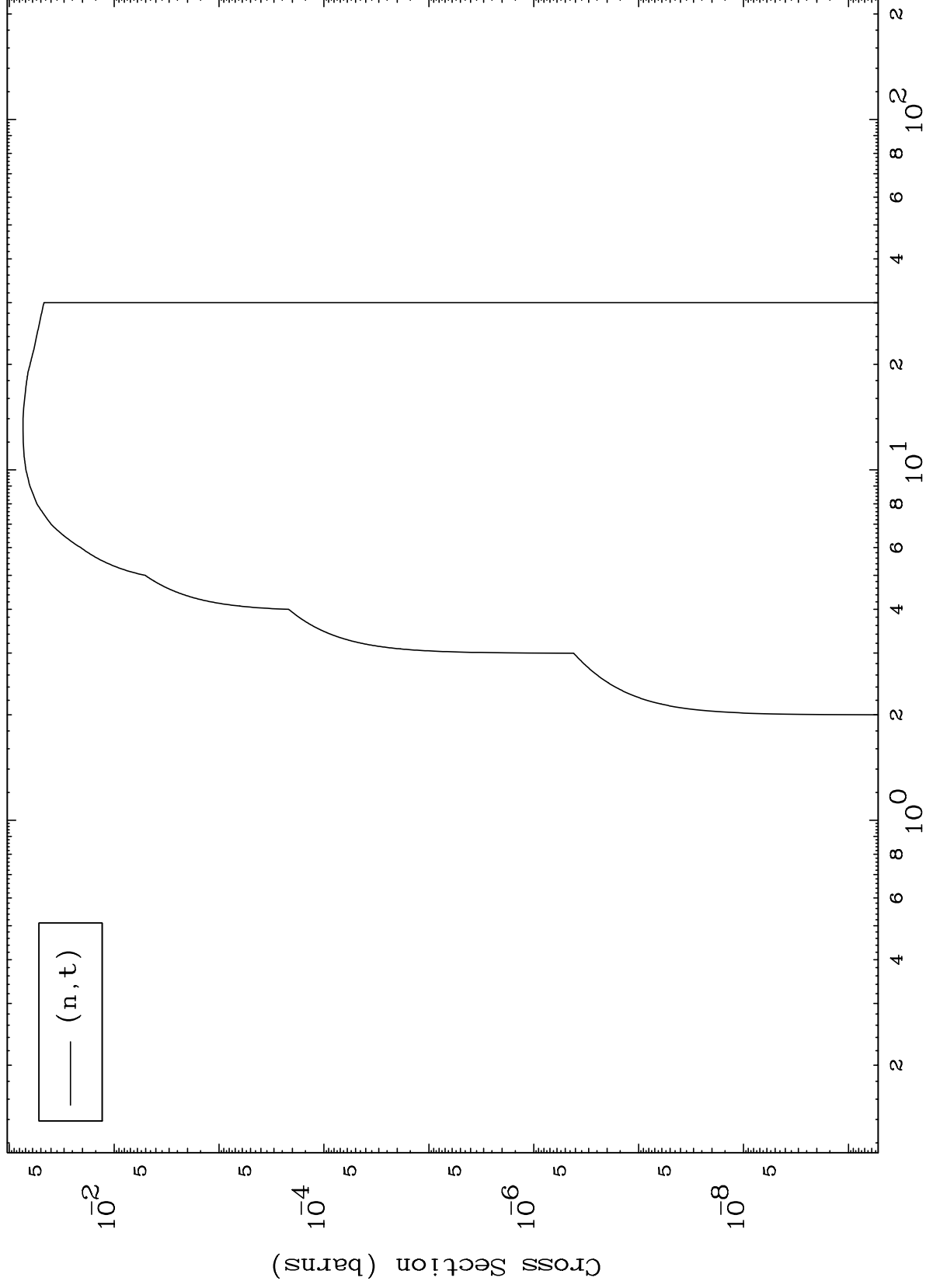
Incident Energy (MeV)

30-Zn-77

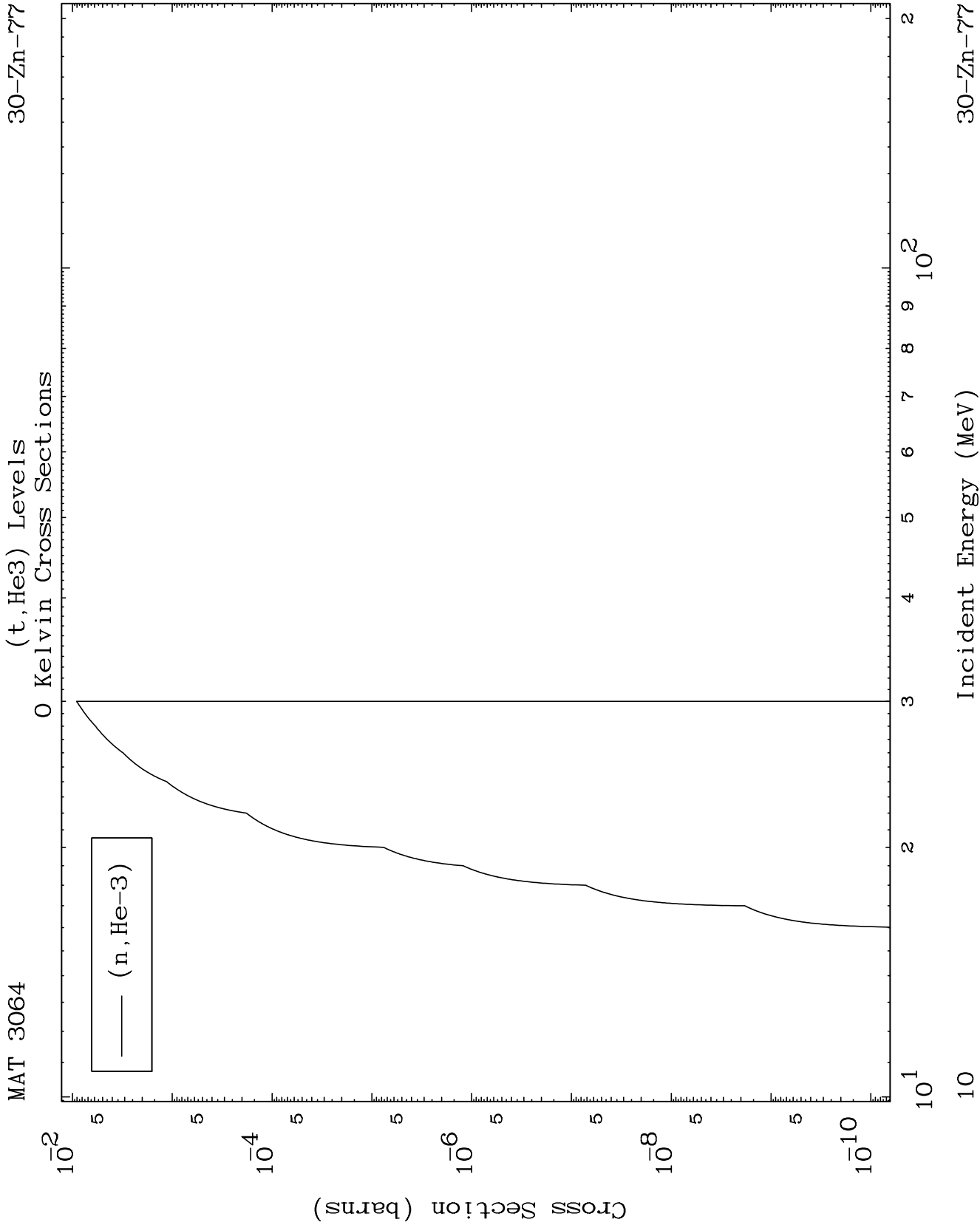
MAT 3064

30-Zn-77

(t,t) Levels
0 Kelvin Cross Sections



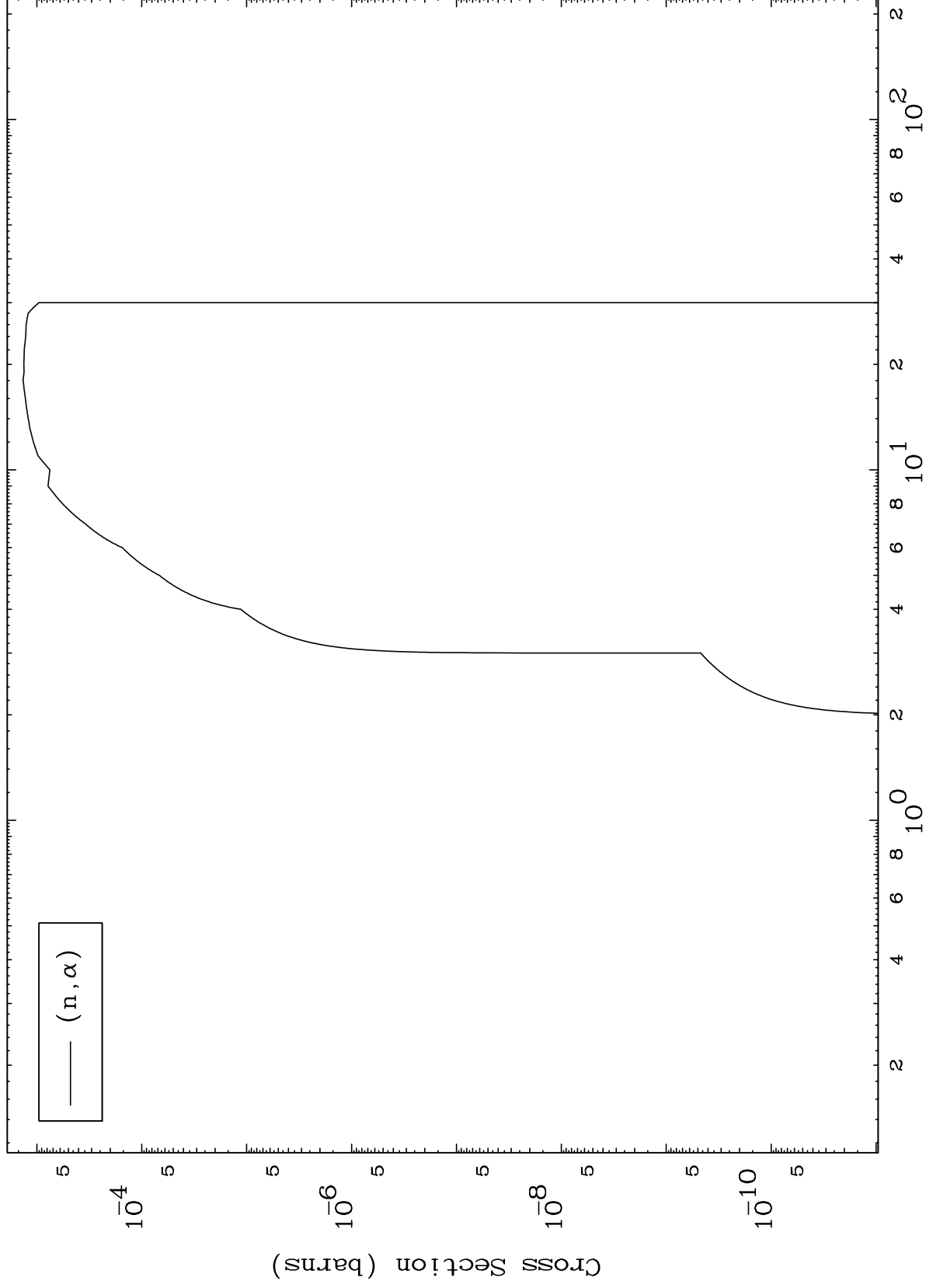
— (n,t)



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30-Zn-77

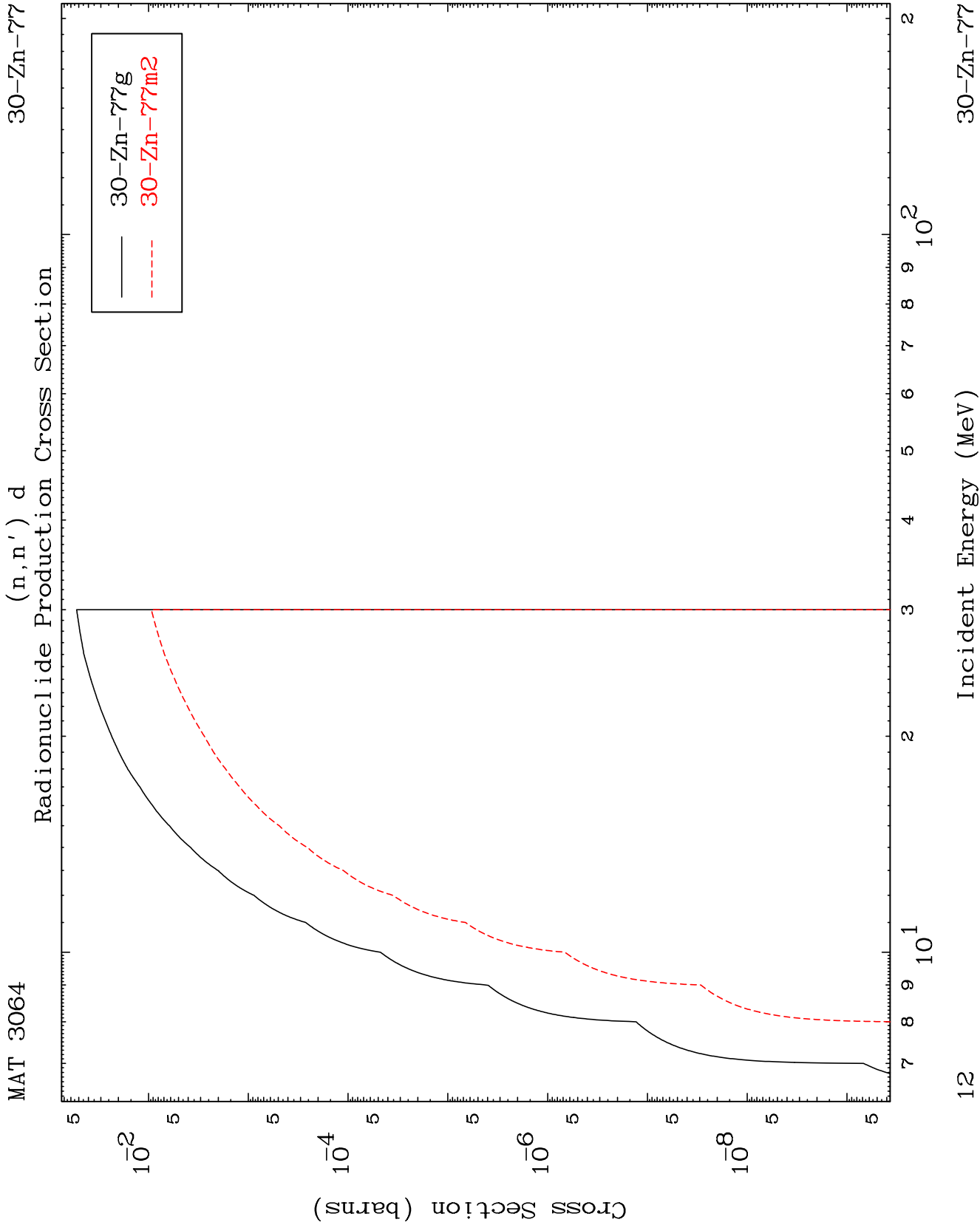
(t, α) Levels
0 Kelvin Cross Sections



11

Incident Energy (MeV)

30-Zn-77

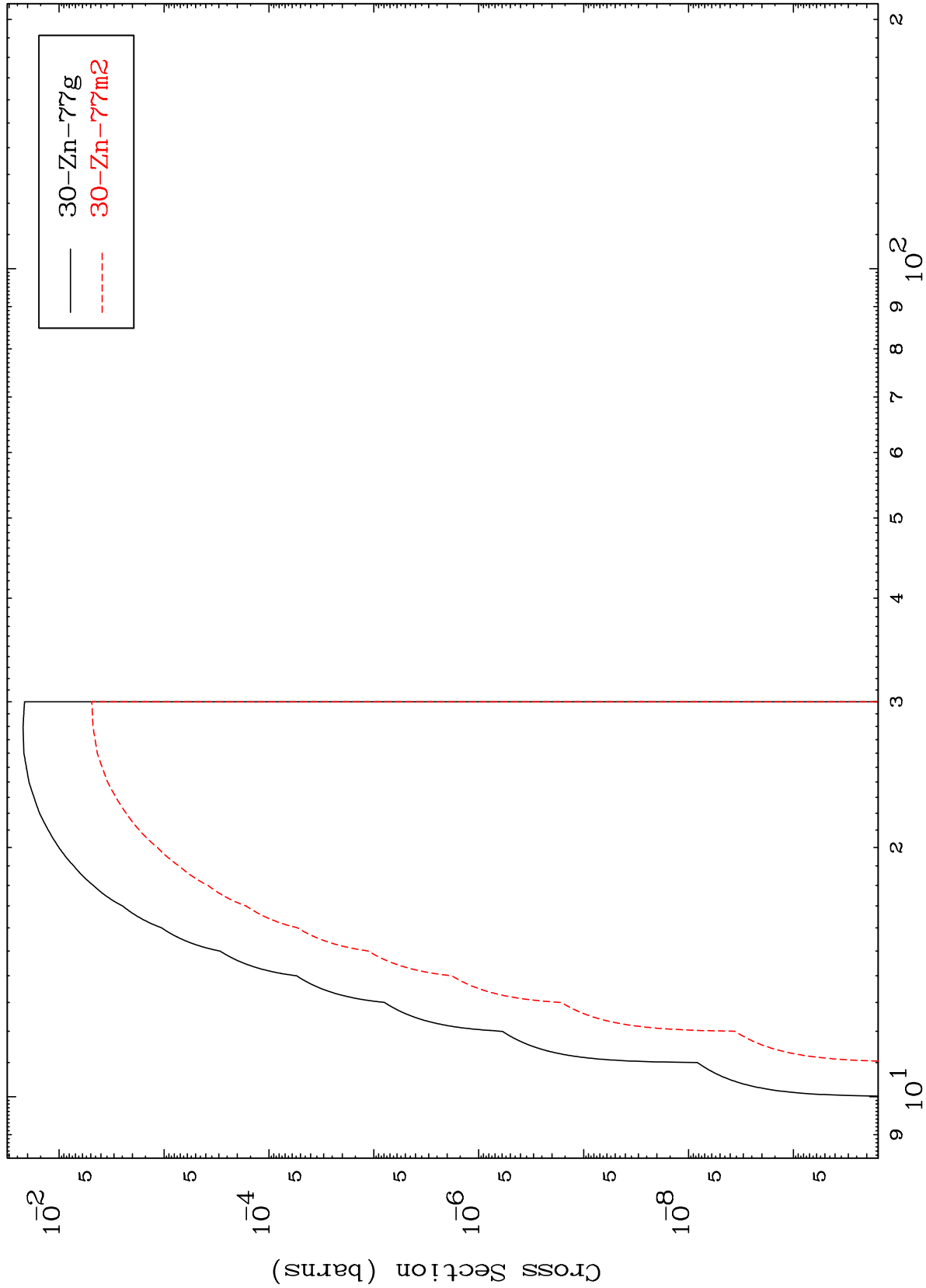


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$(n,2n)$ p

$^{30}\text{Zn}-\gamma\gamma$

Radionuclide Production Cross Section



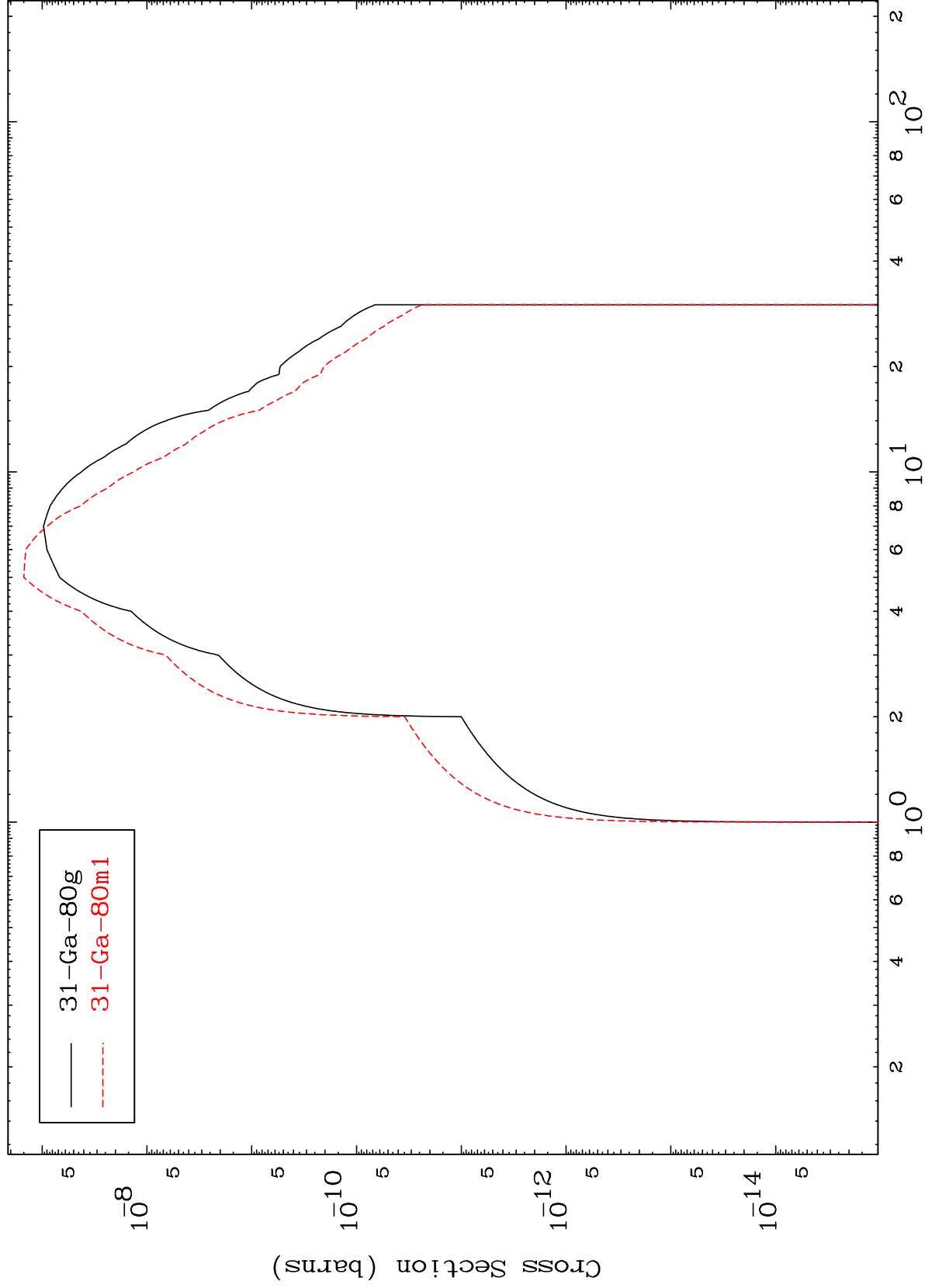
Incident Energy (MeV)

$^{30}\text{Zn}-\gamma\gamma$

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30-Zn-77

Radionuclide Production Cross Section



14

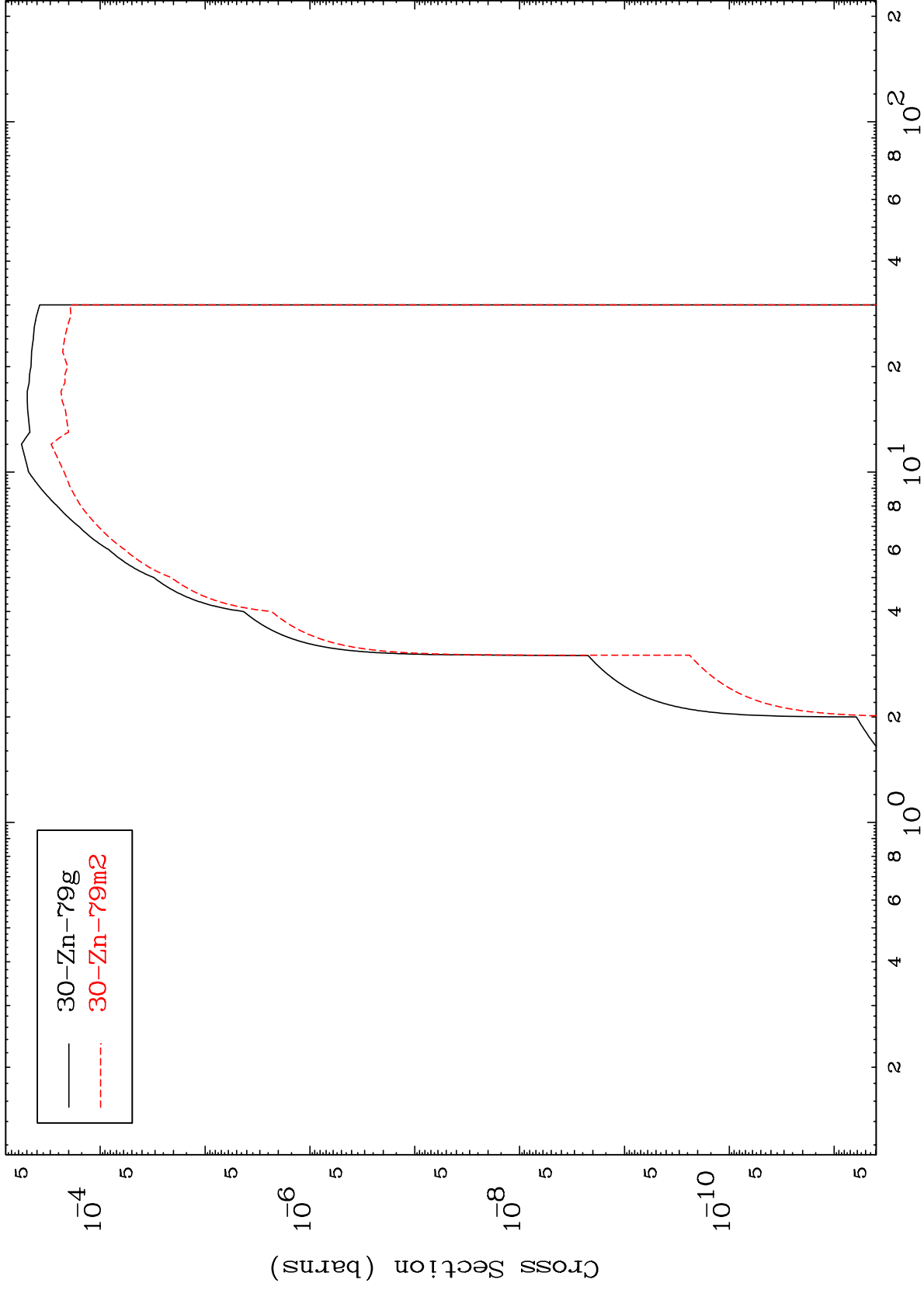
Incident Energy (MeV)

30-Zn-77

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30-Zn-77

Radionuclide Production Cross Section
(n,p)



30-Zn-77

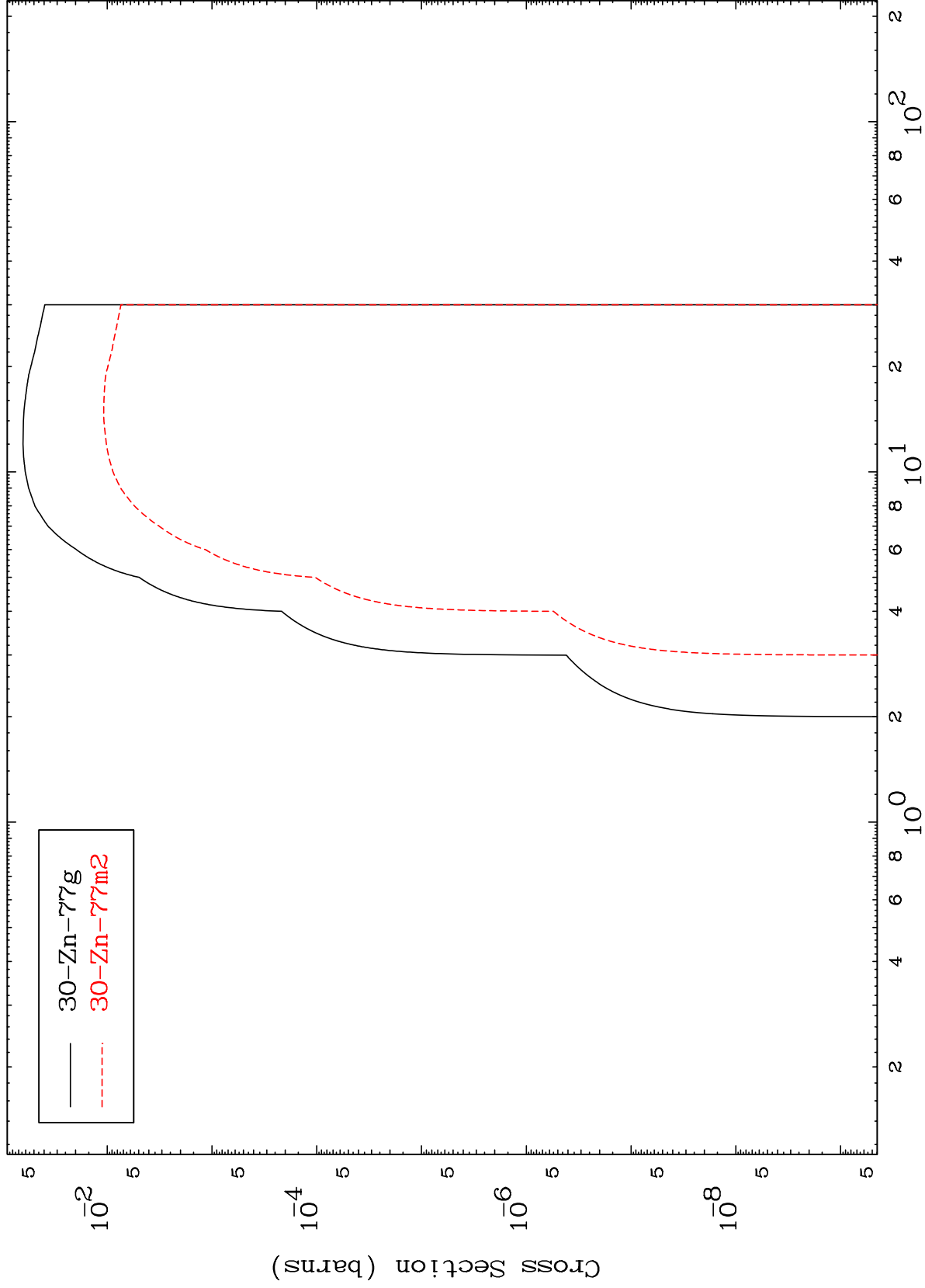
Incident Energy (MeV)

15

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30-Zn-77

(n,t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

30-Zn-77