

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

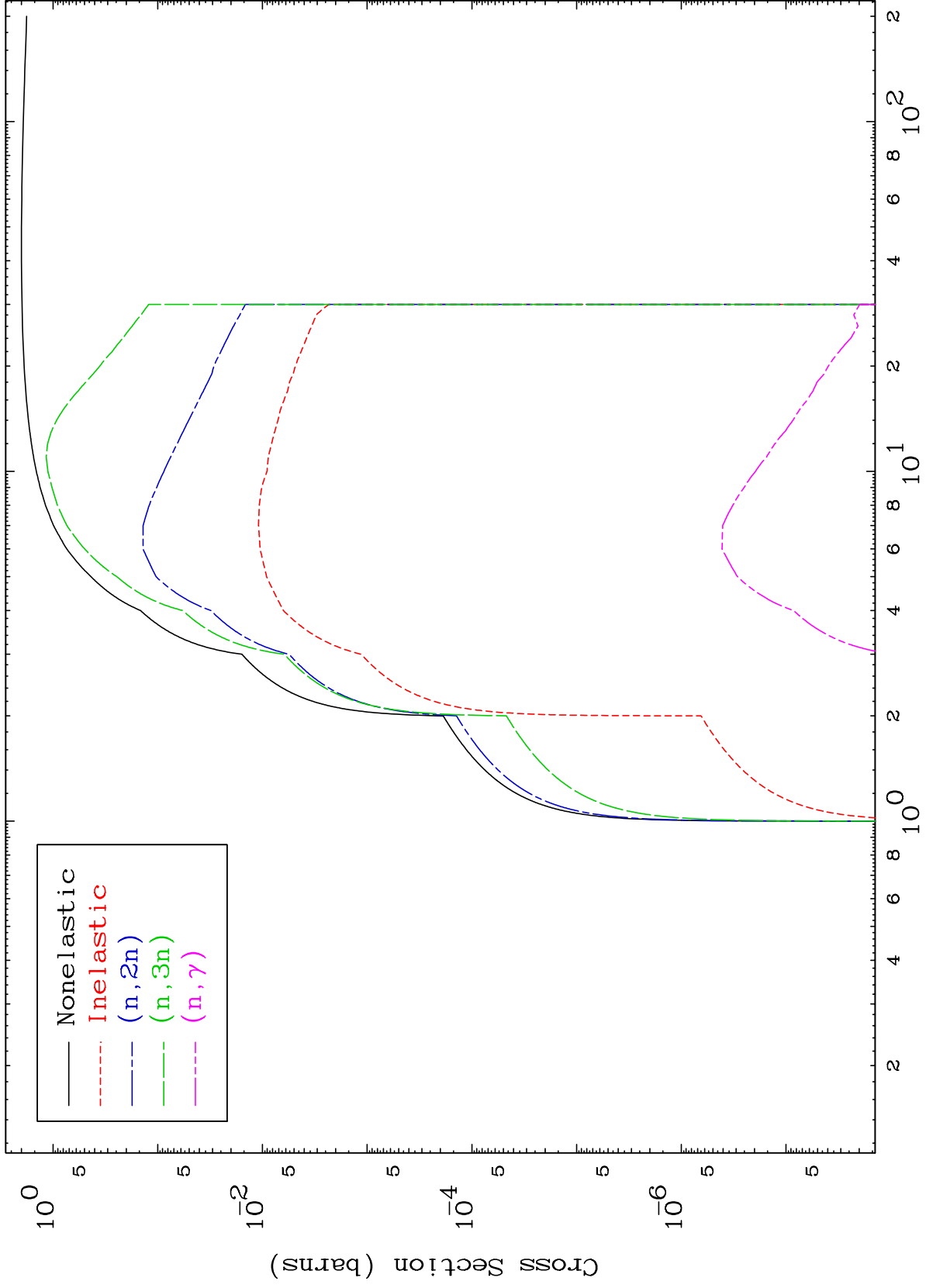
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

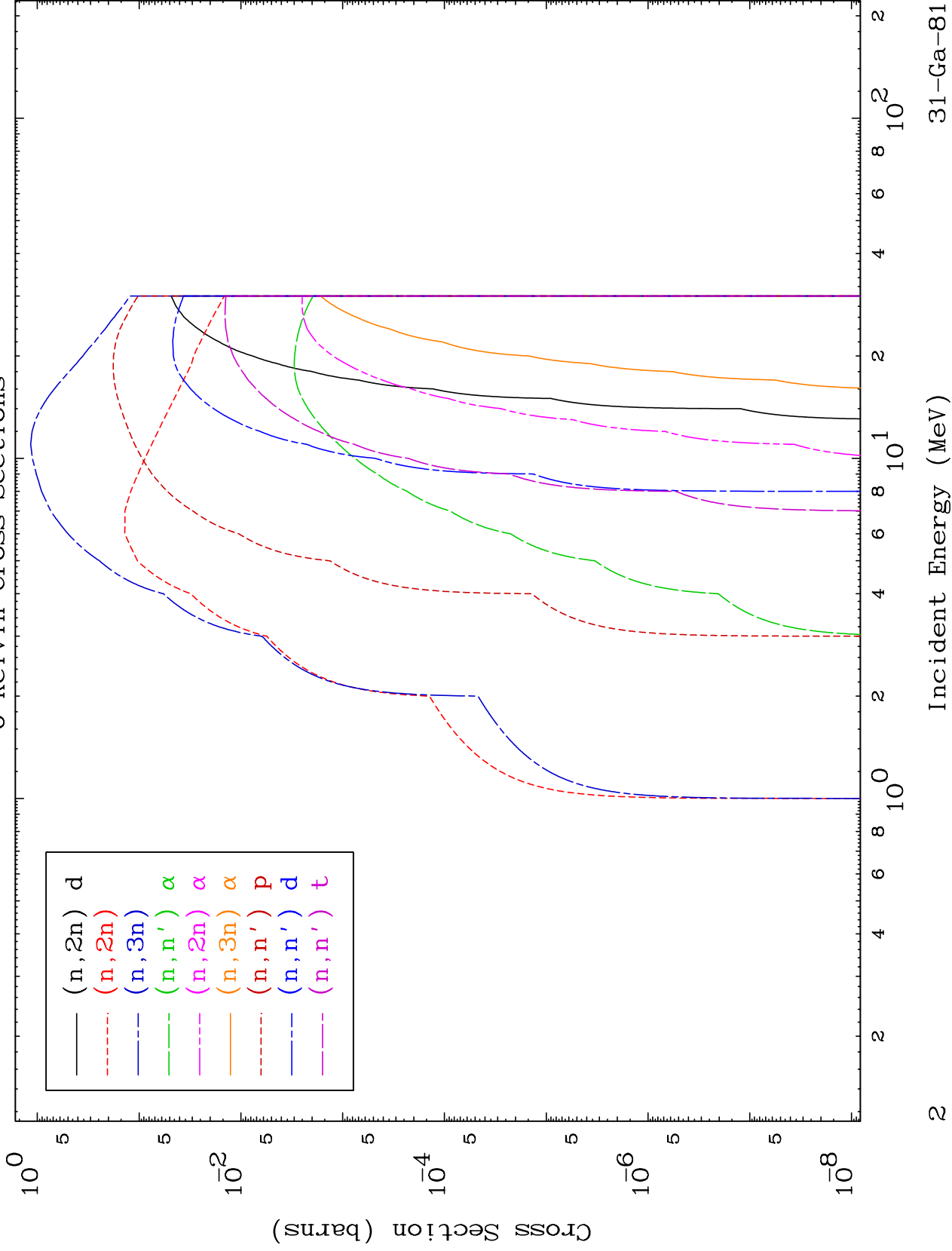
Tele: 925-443-1911

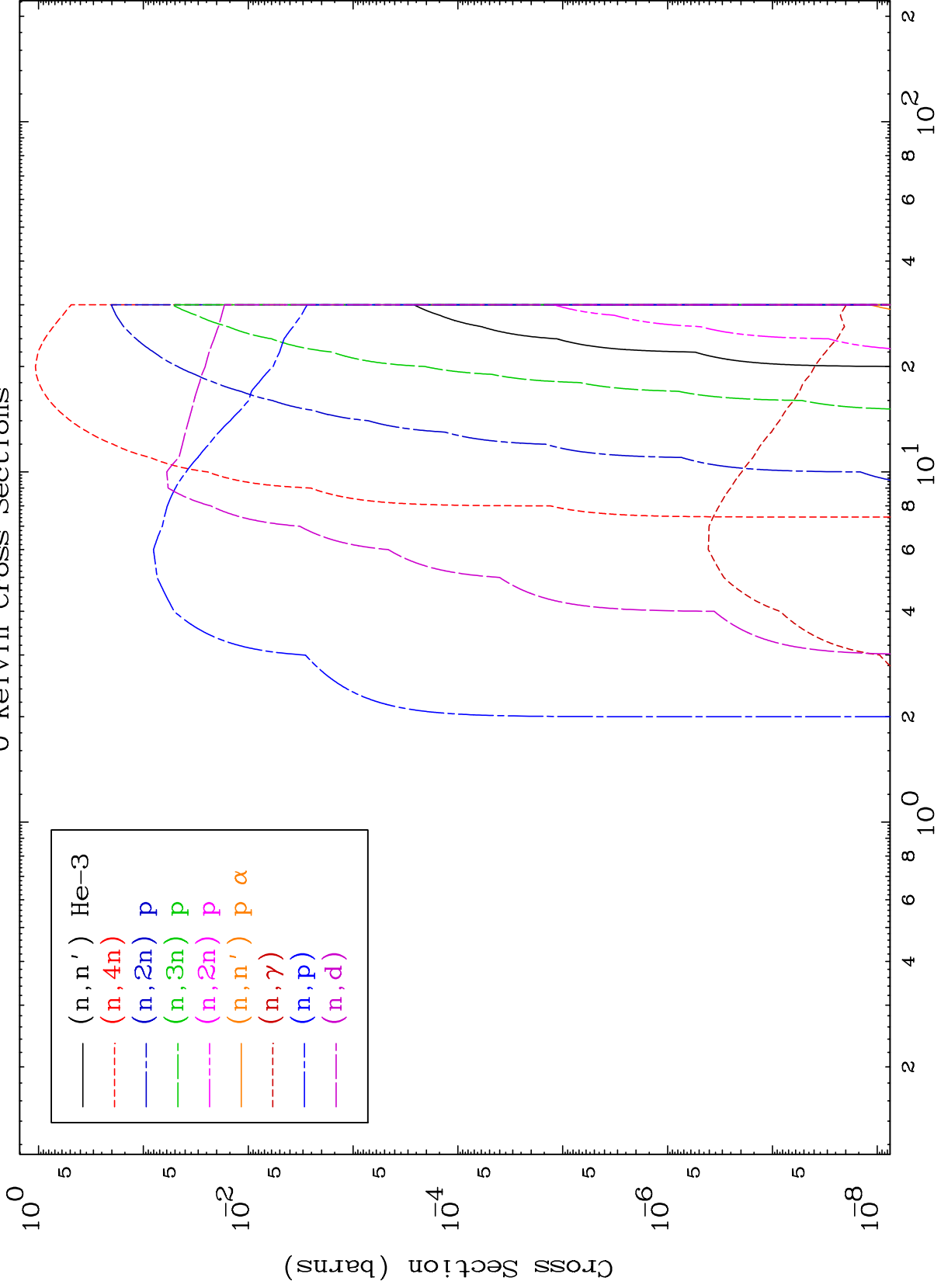
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



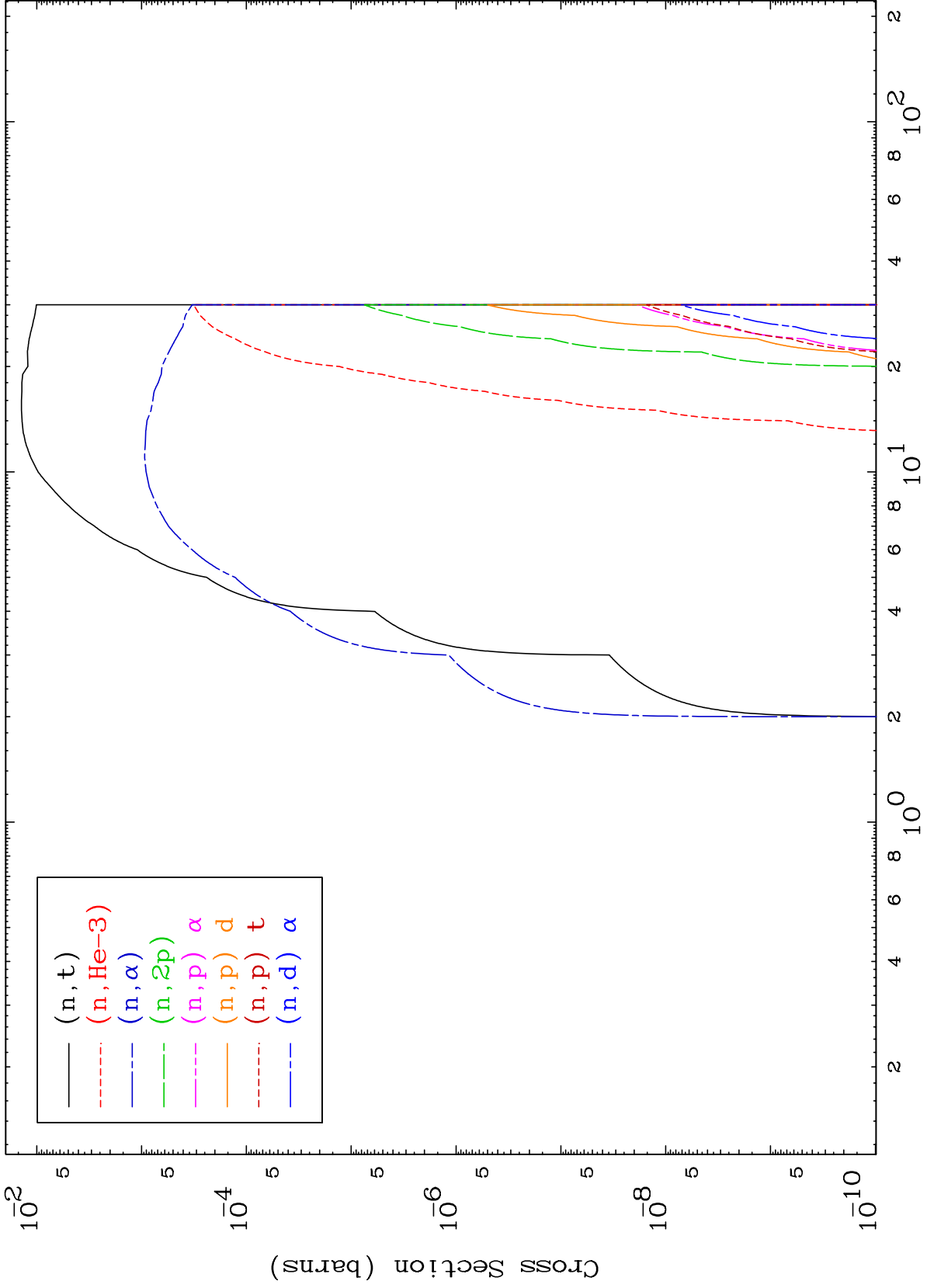


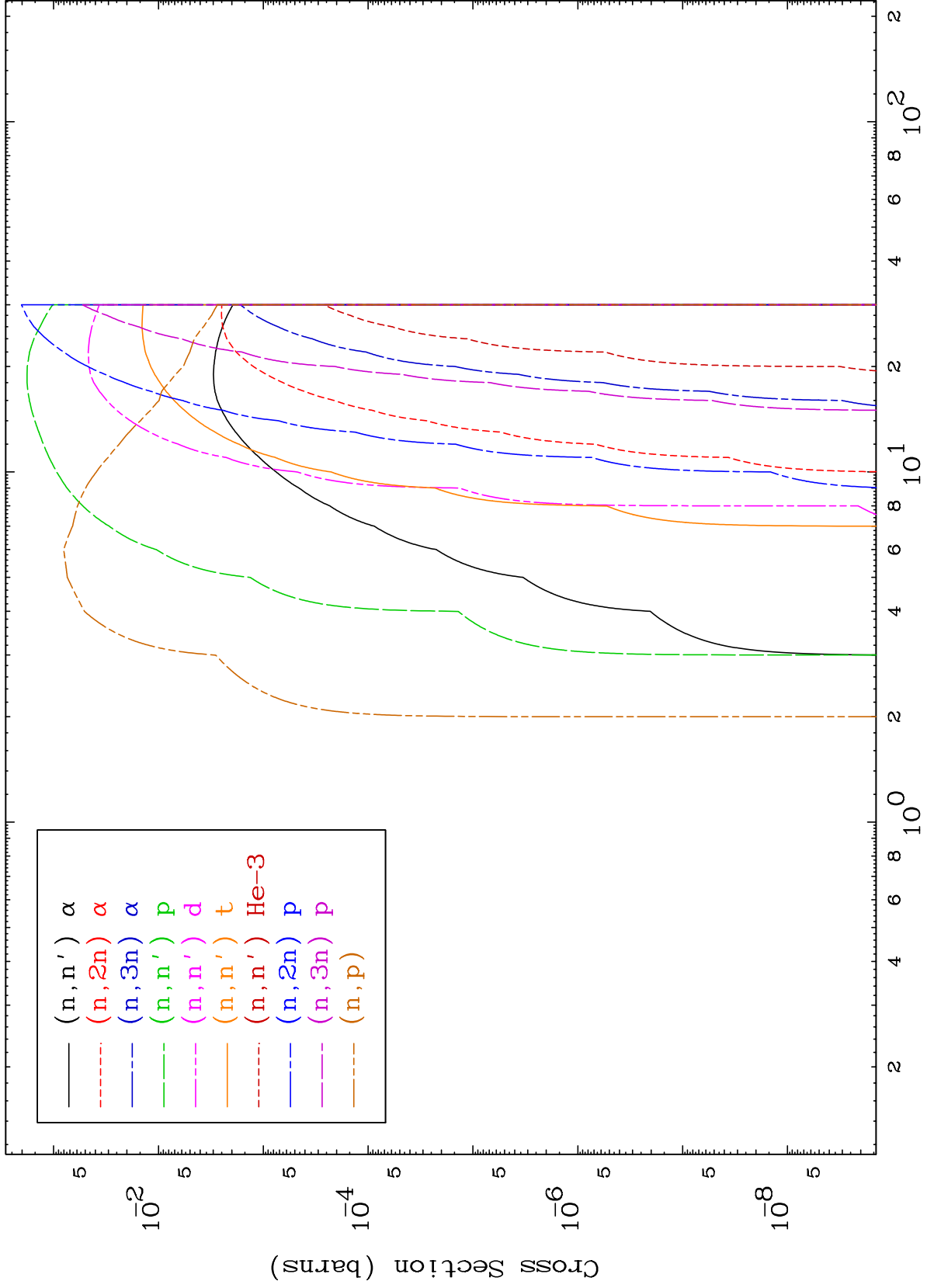


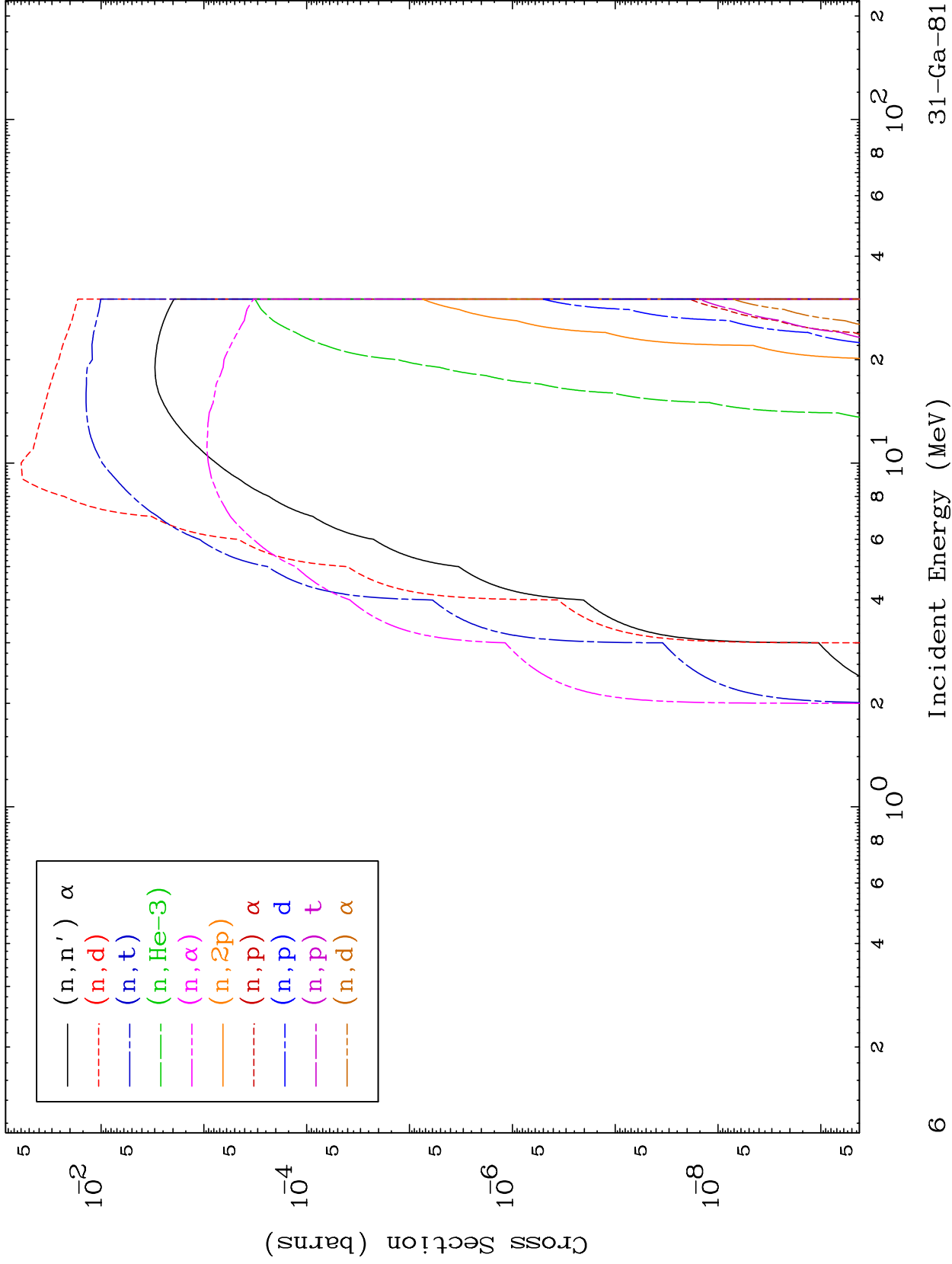
MAT 3161

Deuteron Neutron Absorption
0 Kelvin Cross Sections

31-Ga-81



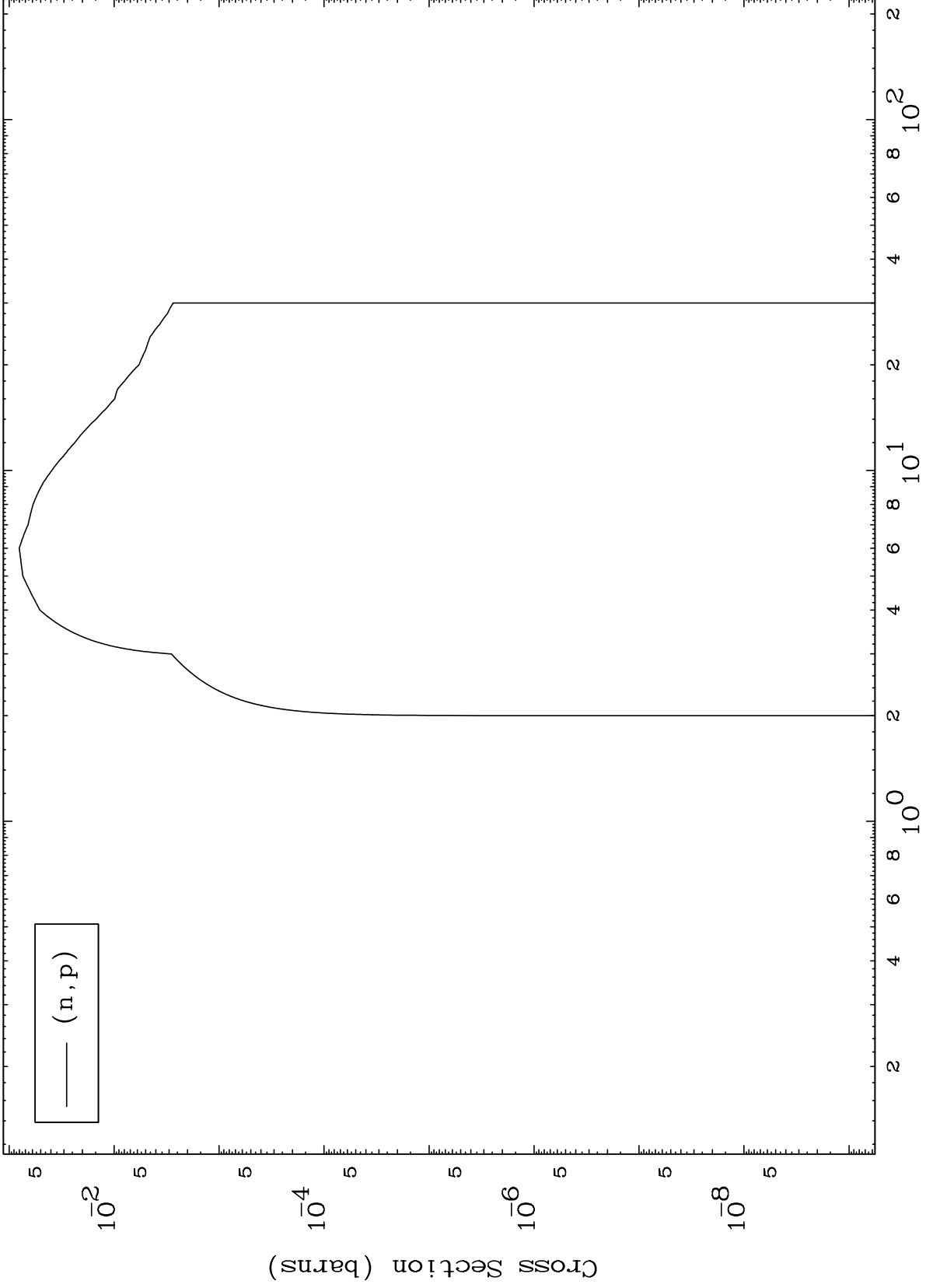




MAT 3161

31-Ga-81

(d,p) Levels
0 Kelvin Cross Sections



(n,p)

31-Ga-81

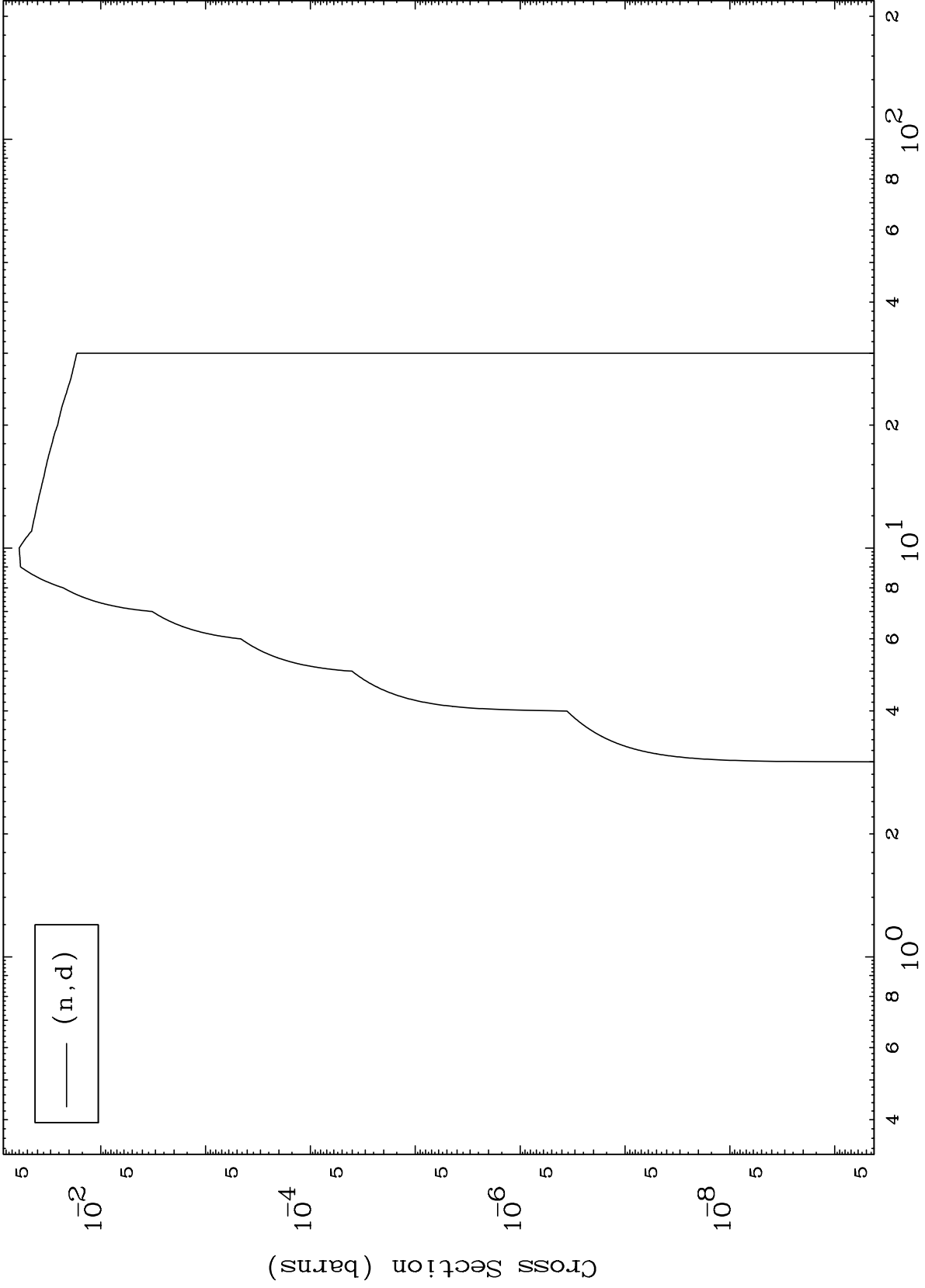
Incident Energy (MeV)

7

MAT 3161

31-Ga-81

(d,d) Levels
0 Kelvin Cross Sections



8

Incident Energy (MeV)

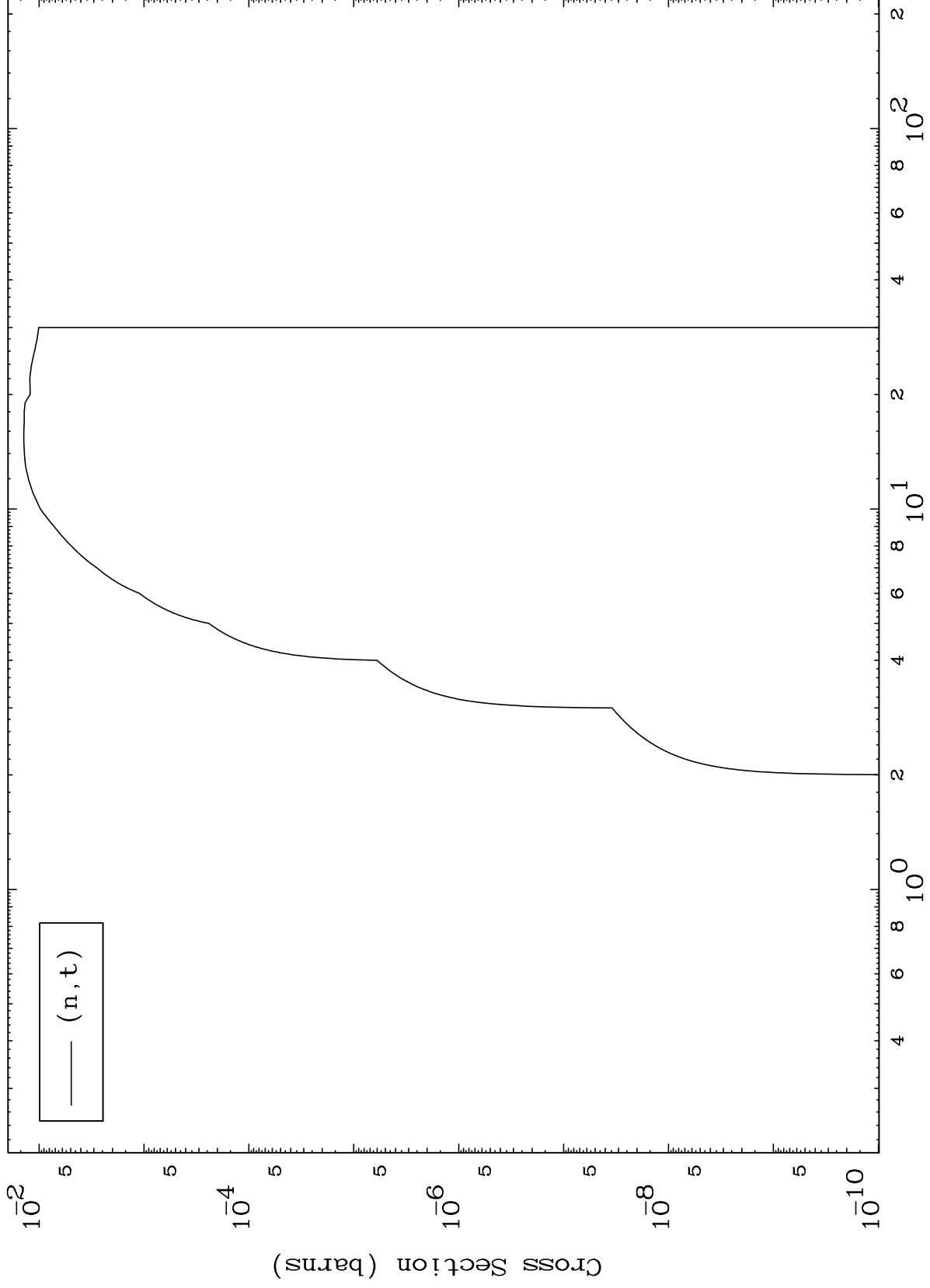
31-Ga-81

MAT 3161

(d, t) Levels

31-Ga-81

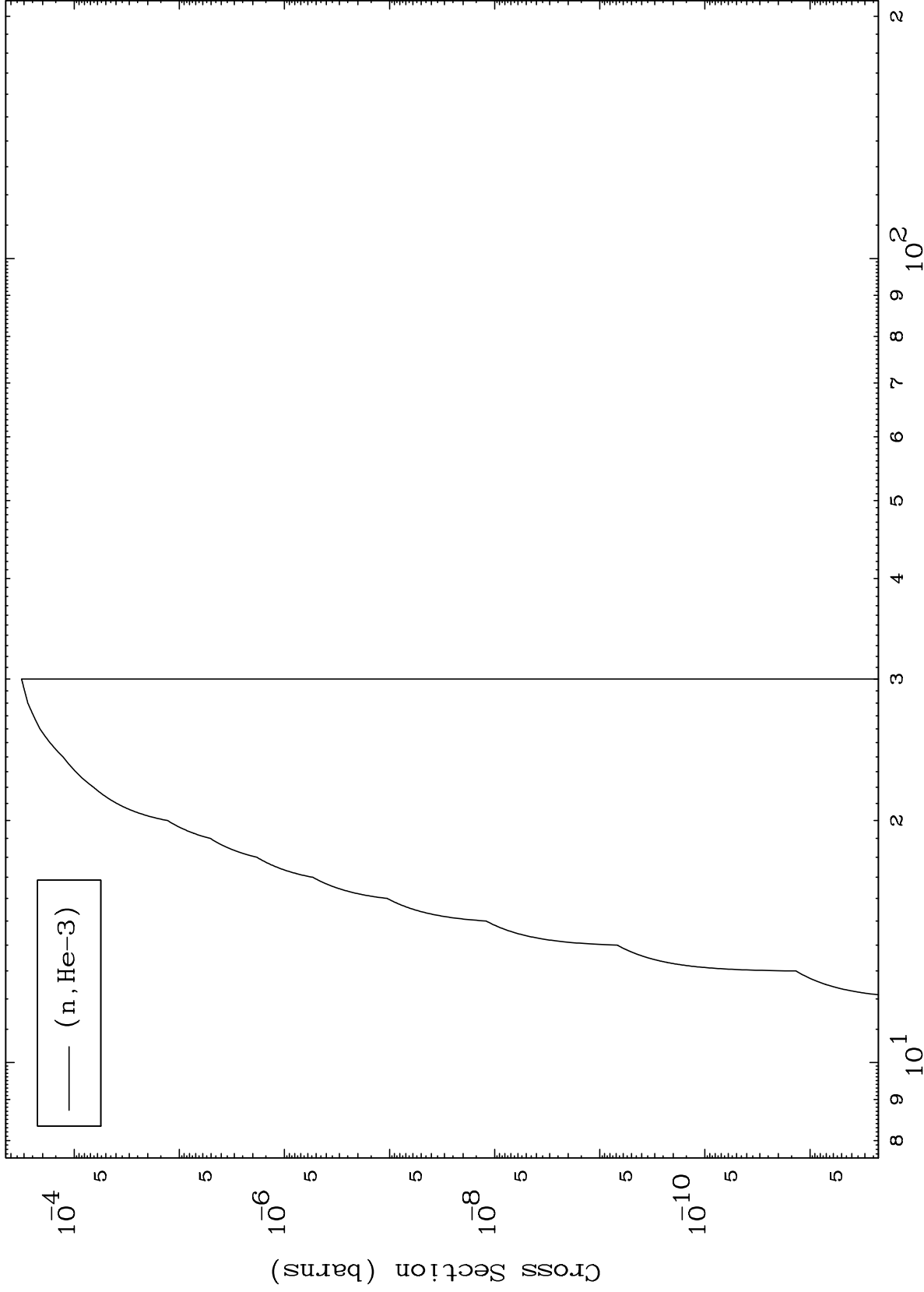
0 Kelvin Cross Sections



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(d,He3) Levels
0 Kelvin Cross Sections

31-Ga-81



10

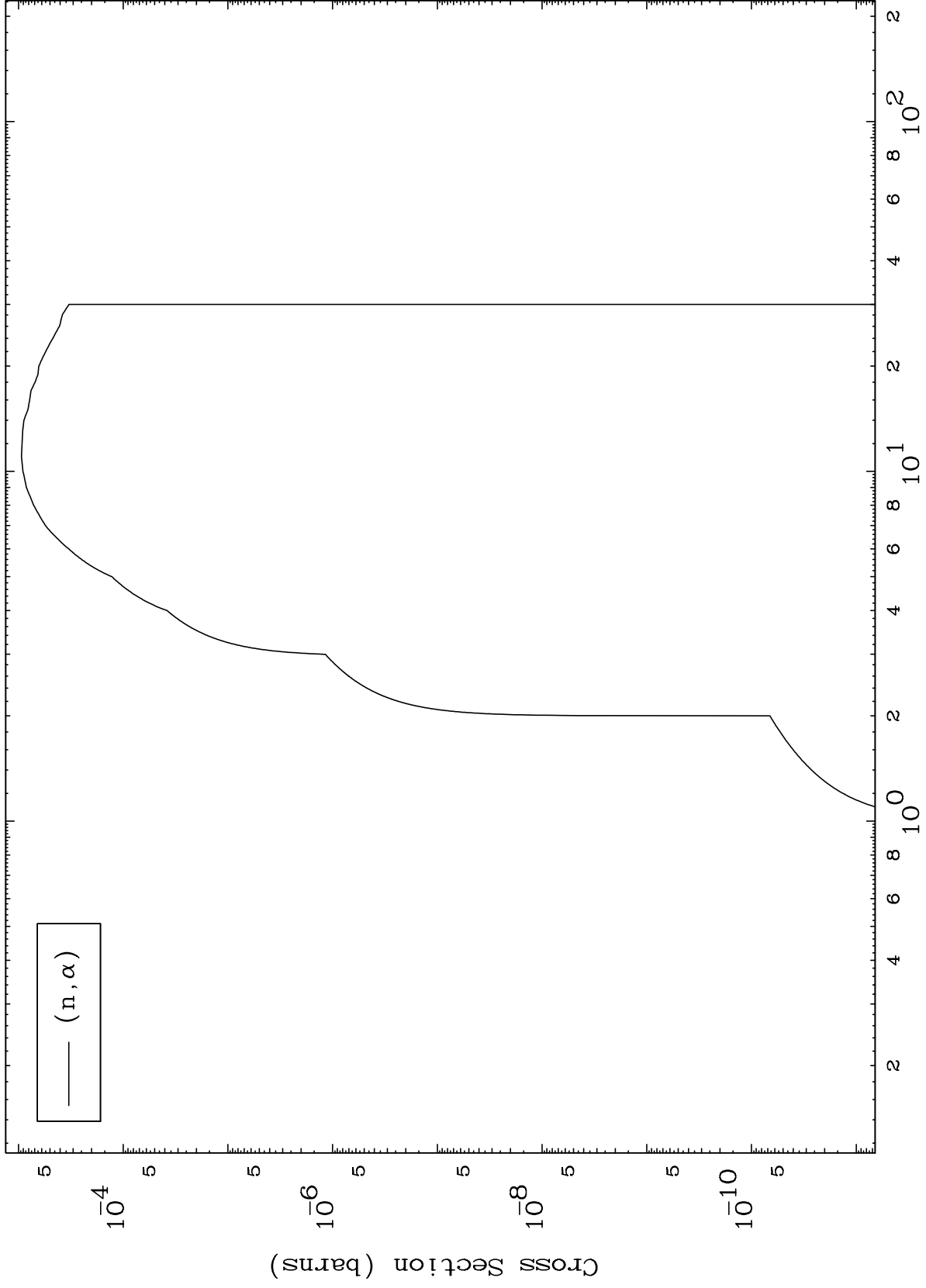
Incident Energy (MeV)

31-Ga-81

MAT 3161

31-Ga-81

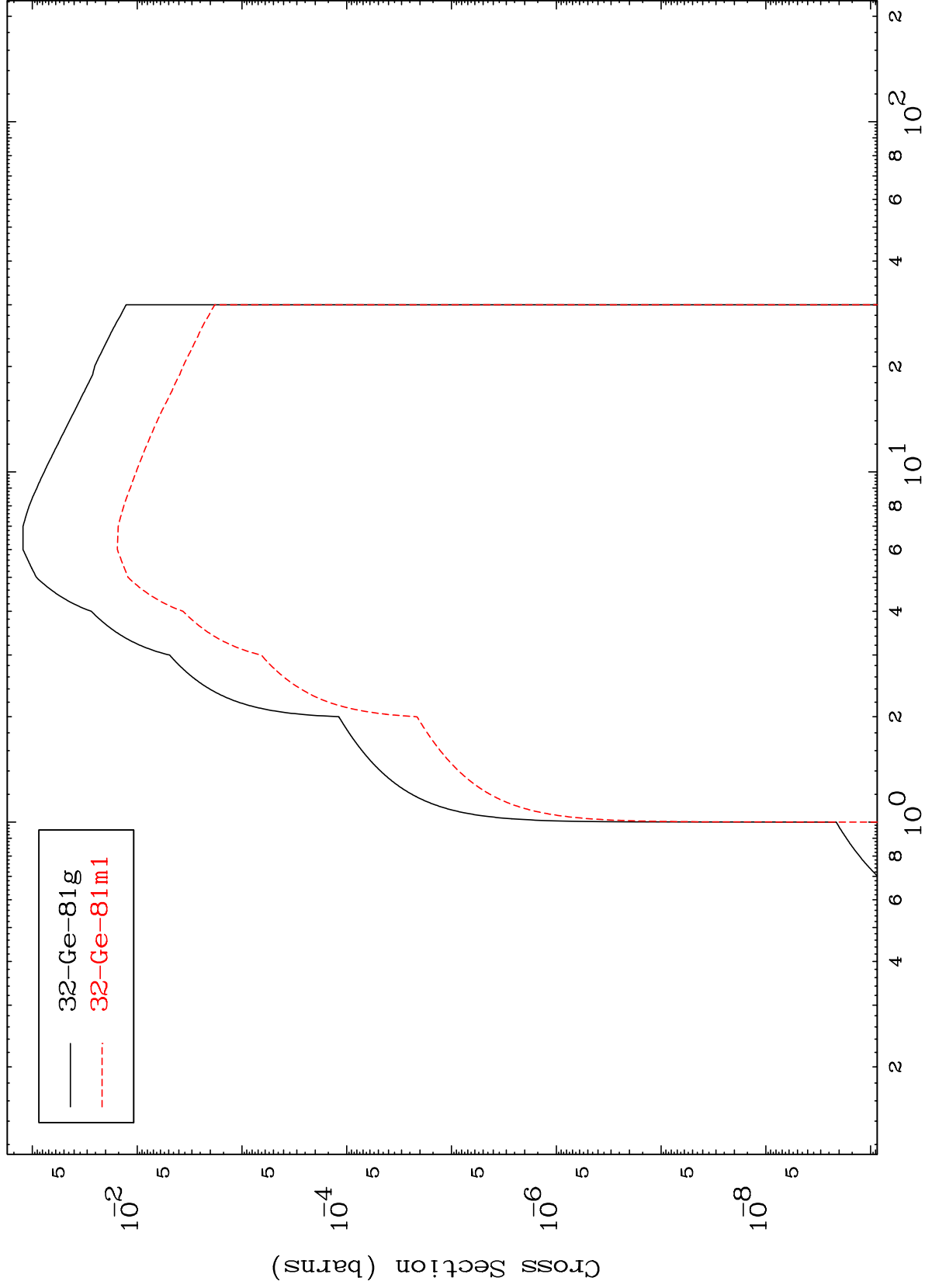
(d, α) Levels
0 Kelvin Cross Sections



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31-Ga-81

(n,2n)
Radionuclide Production Cross Section



12

31-Ga-81

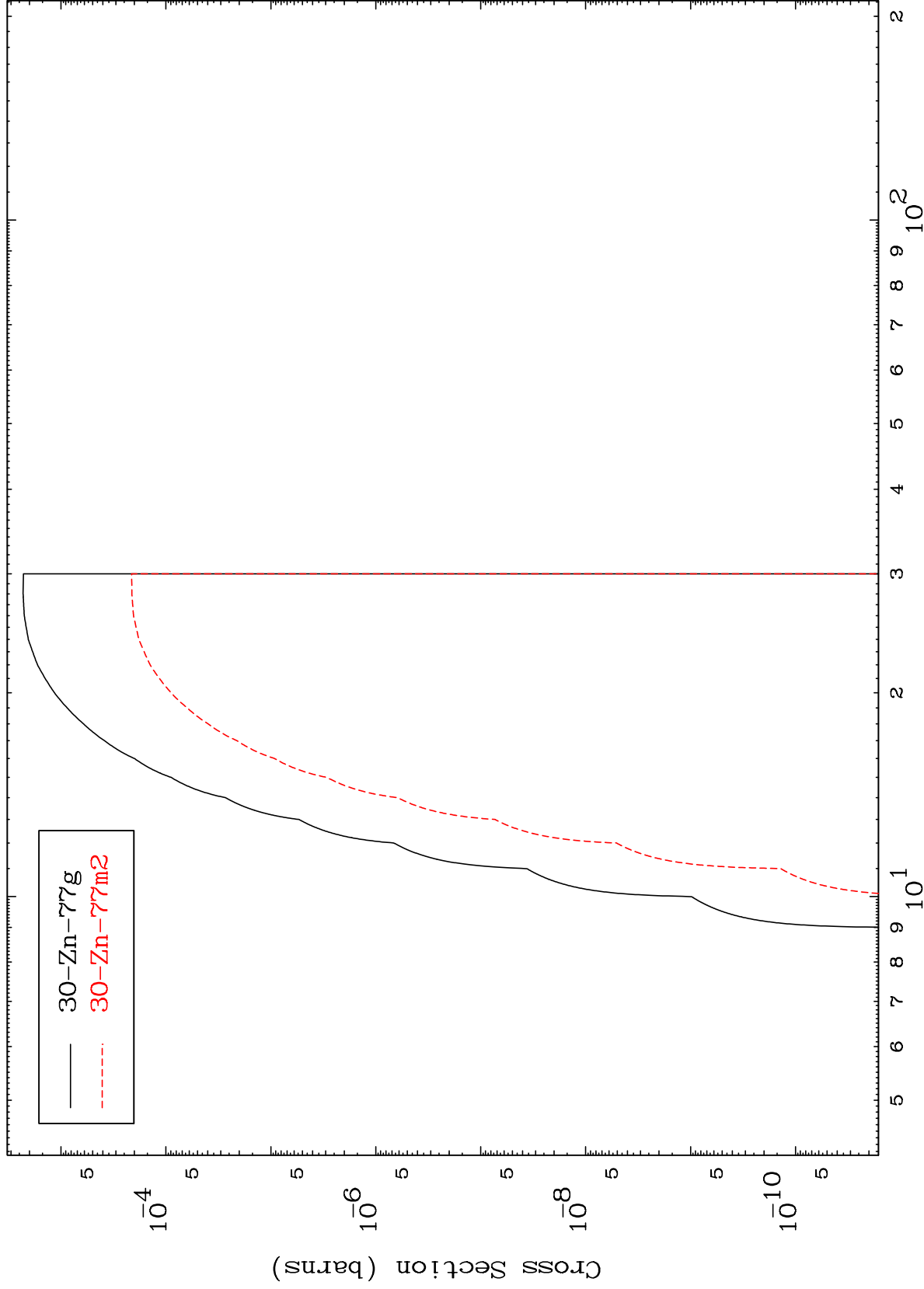
Incident Energy (MeV)

MAT 3161

$(n,2n) \alpha$

31-Ga-81

Radionuclide Production Cross Section



13

Incident Energy (MeV)

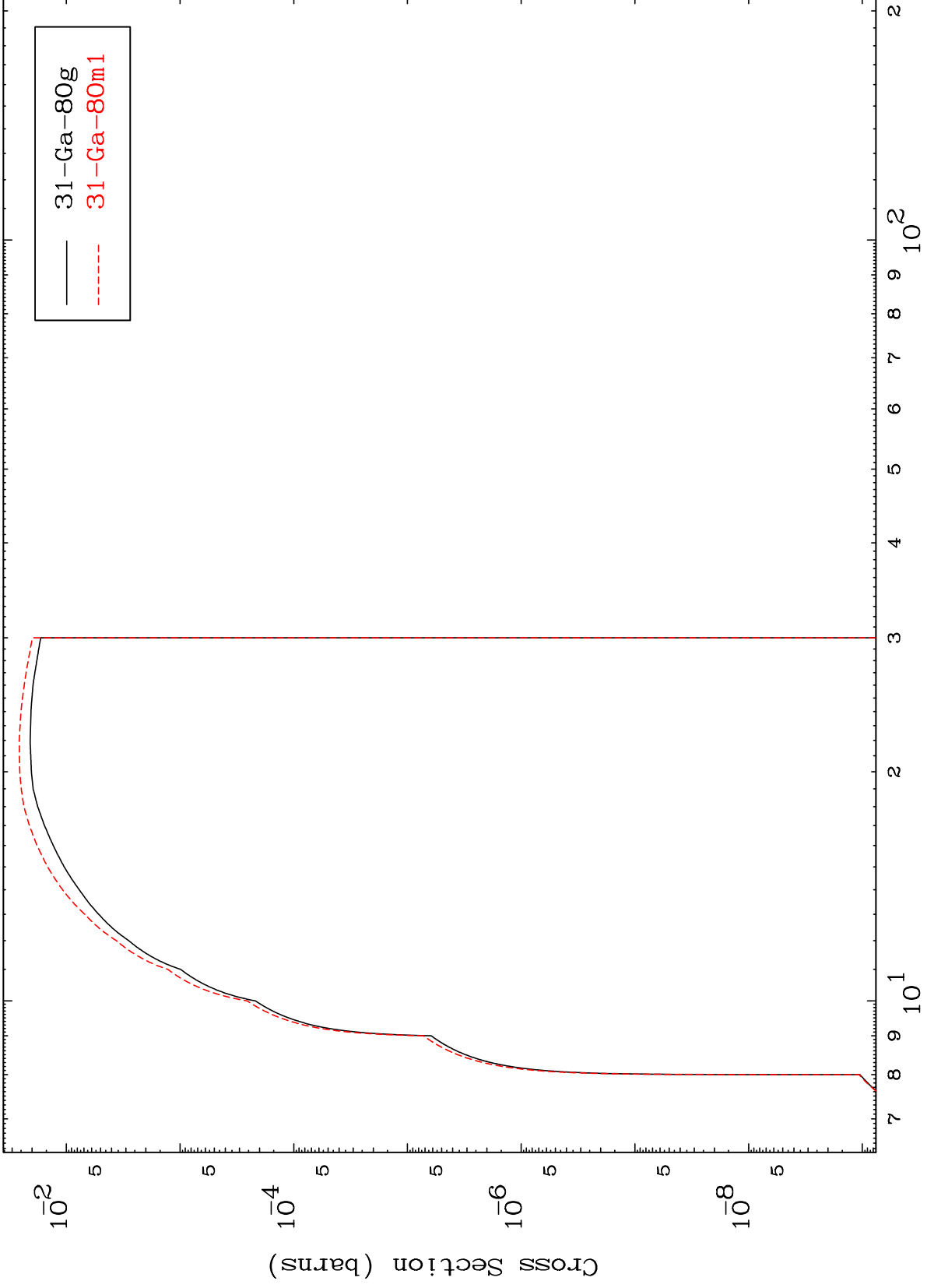
31-Ga-81

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³¹Ga-81

(n,n') d

Radionuclide Production Cross Section



14

Incident Energy (MeV)

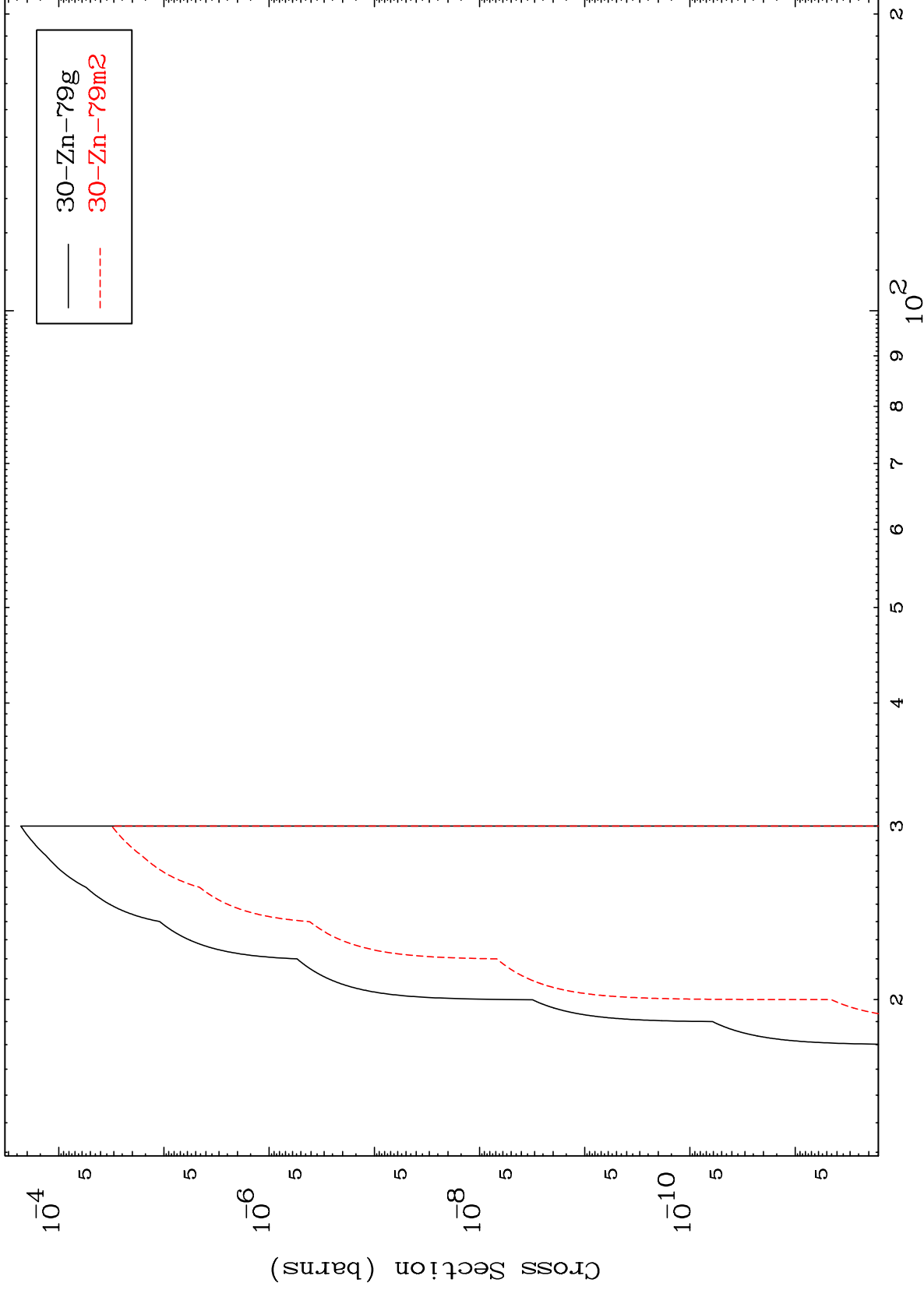
³¹Ga-81

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(n,n') He-3

31-Ga-81

Radionuclide Production Cross Section



15

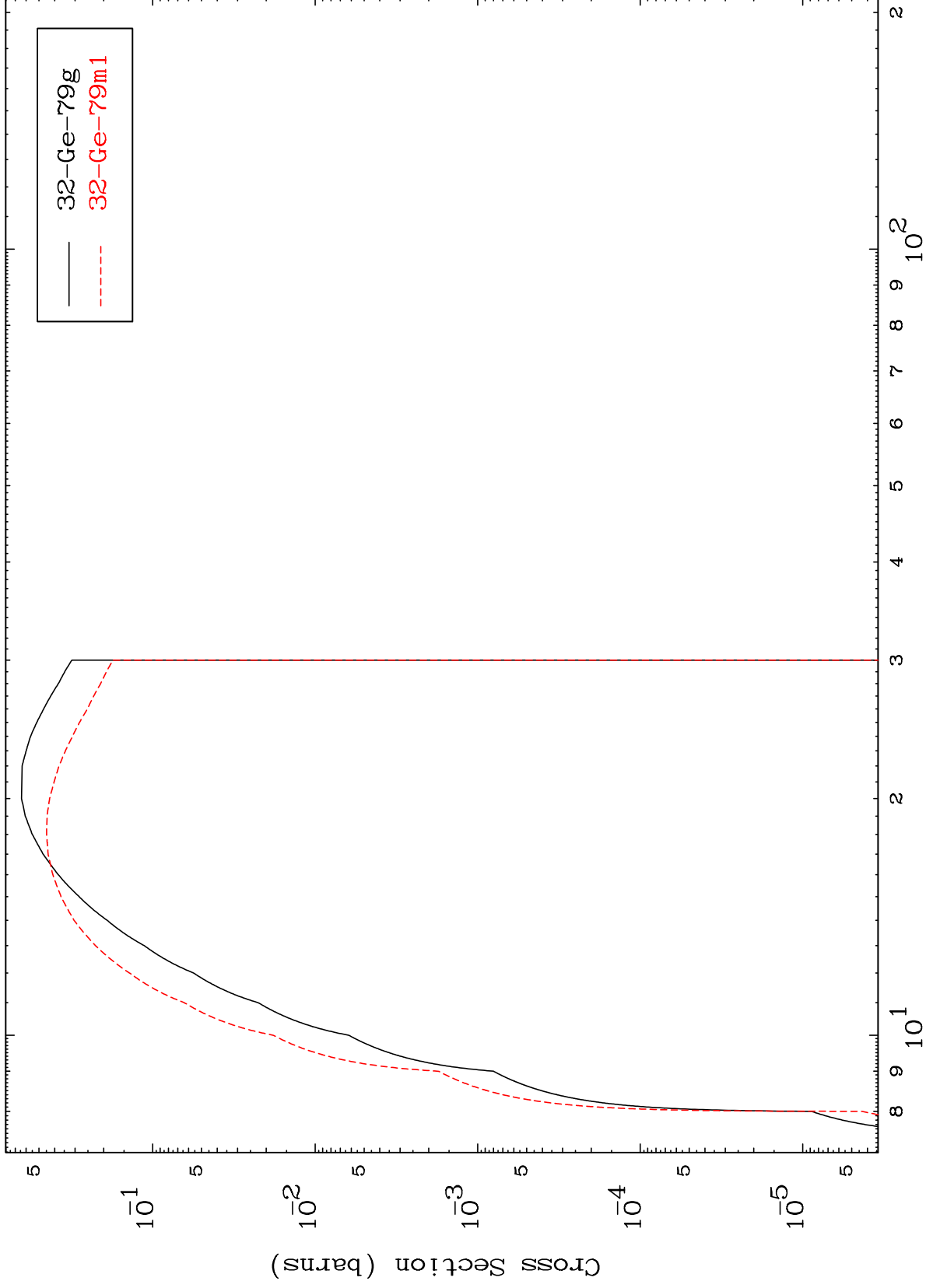
Incident Energy (MeV)

31-Ga-81

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31-Ga-81

(n,4n)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

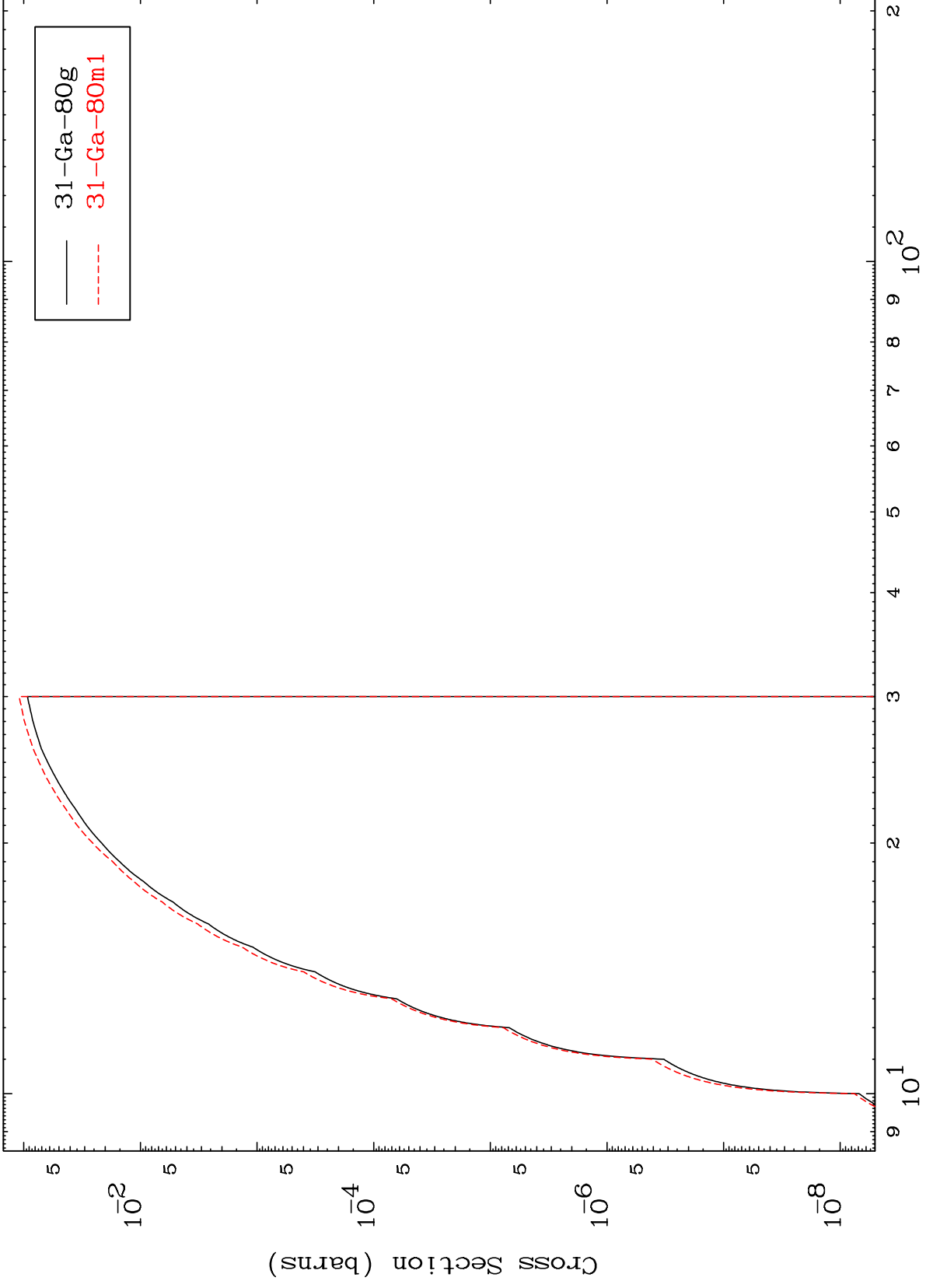
31-Ga-81

MAT 3161

$(n,2n)$ p

$^{31}\text{Ga}-81$

Radionuclide Production Cross Section



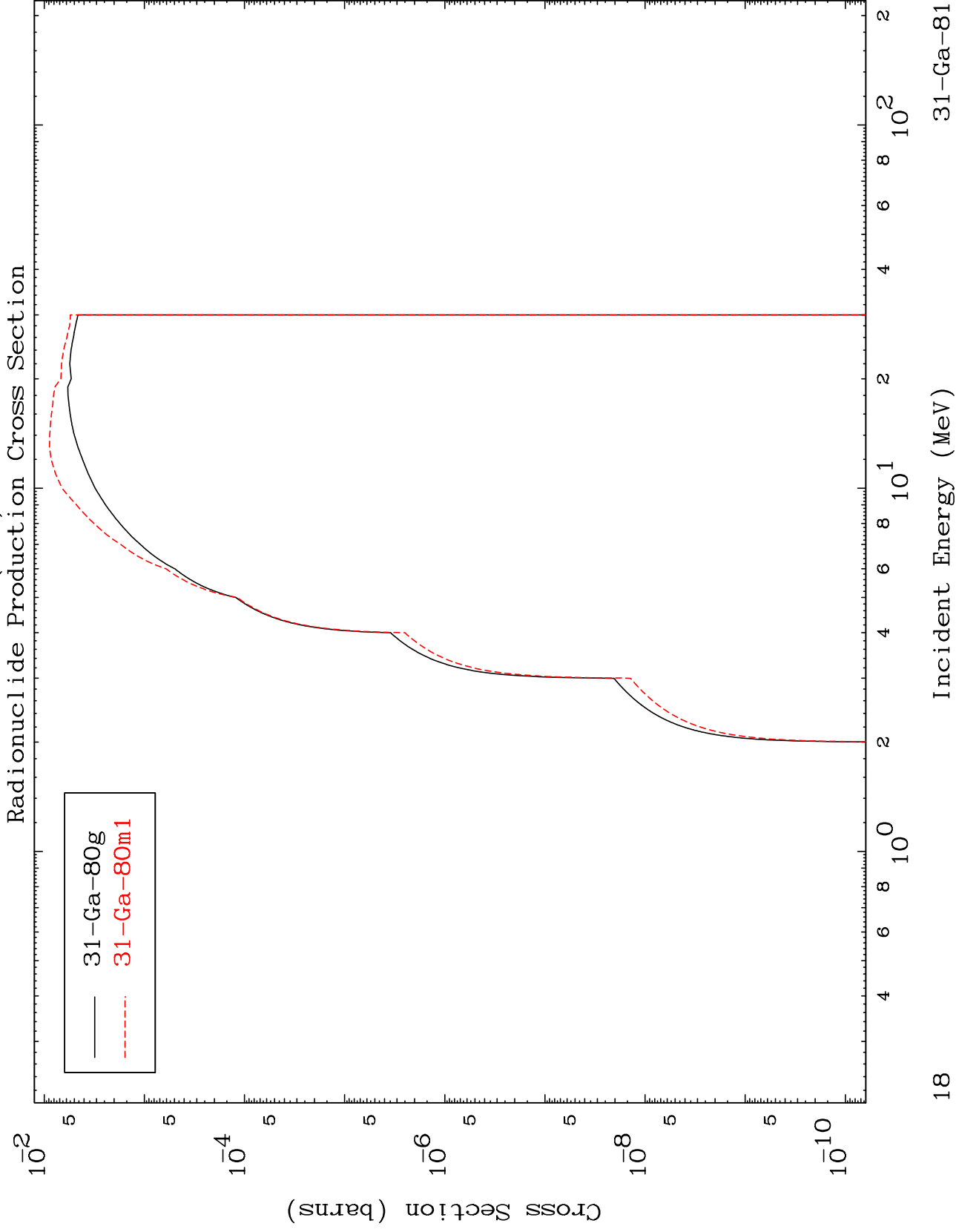
17

Incident Energy (MeV)

$^{31}\text{Ga}-81$

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³¹Ga-81

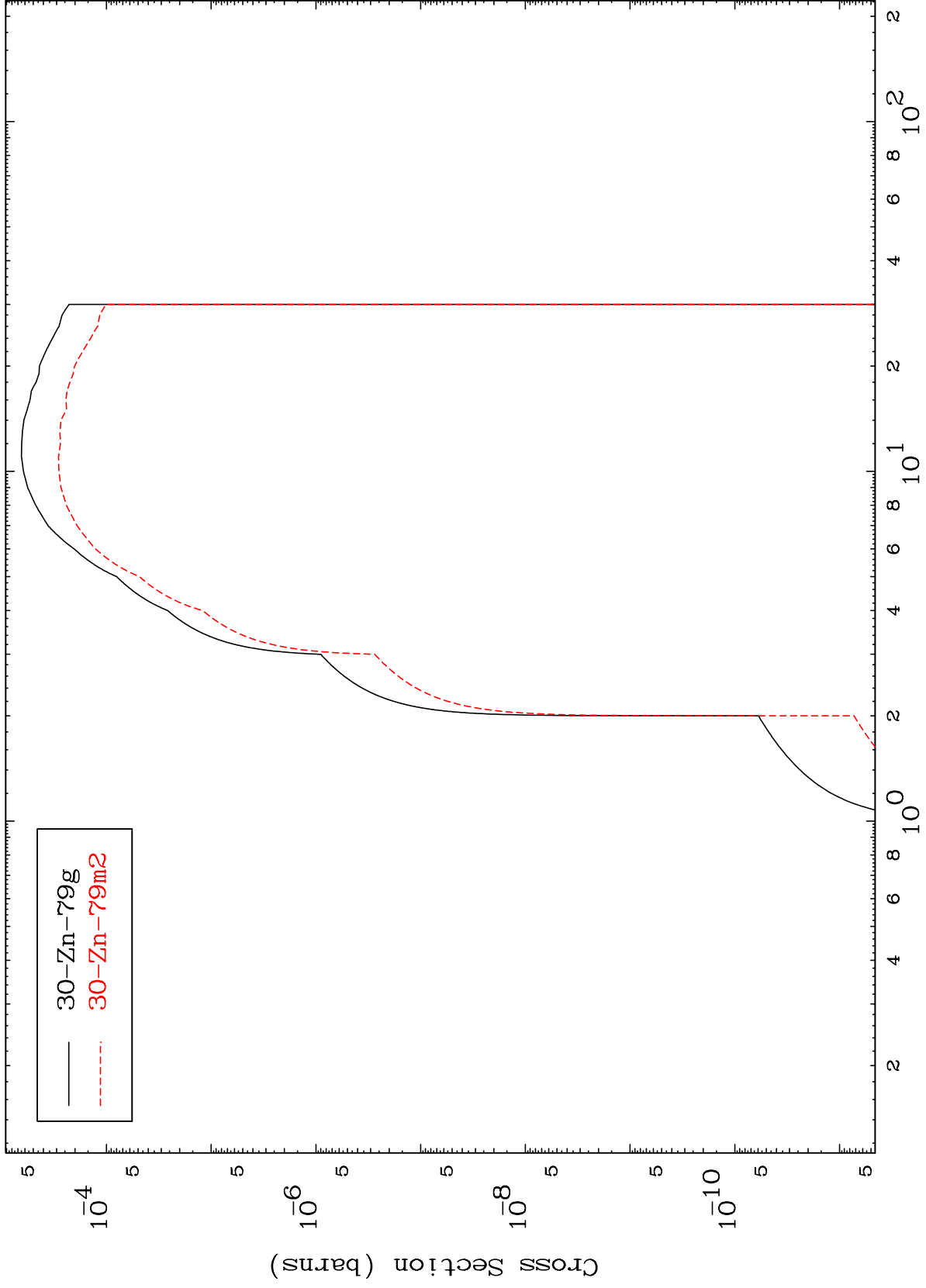


18

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31-Ga-81

Radionuclide Production Cross Section
(n, α)



19

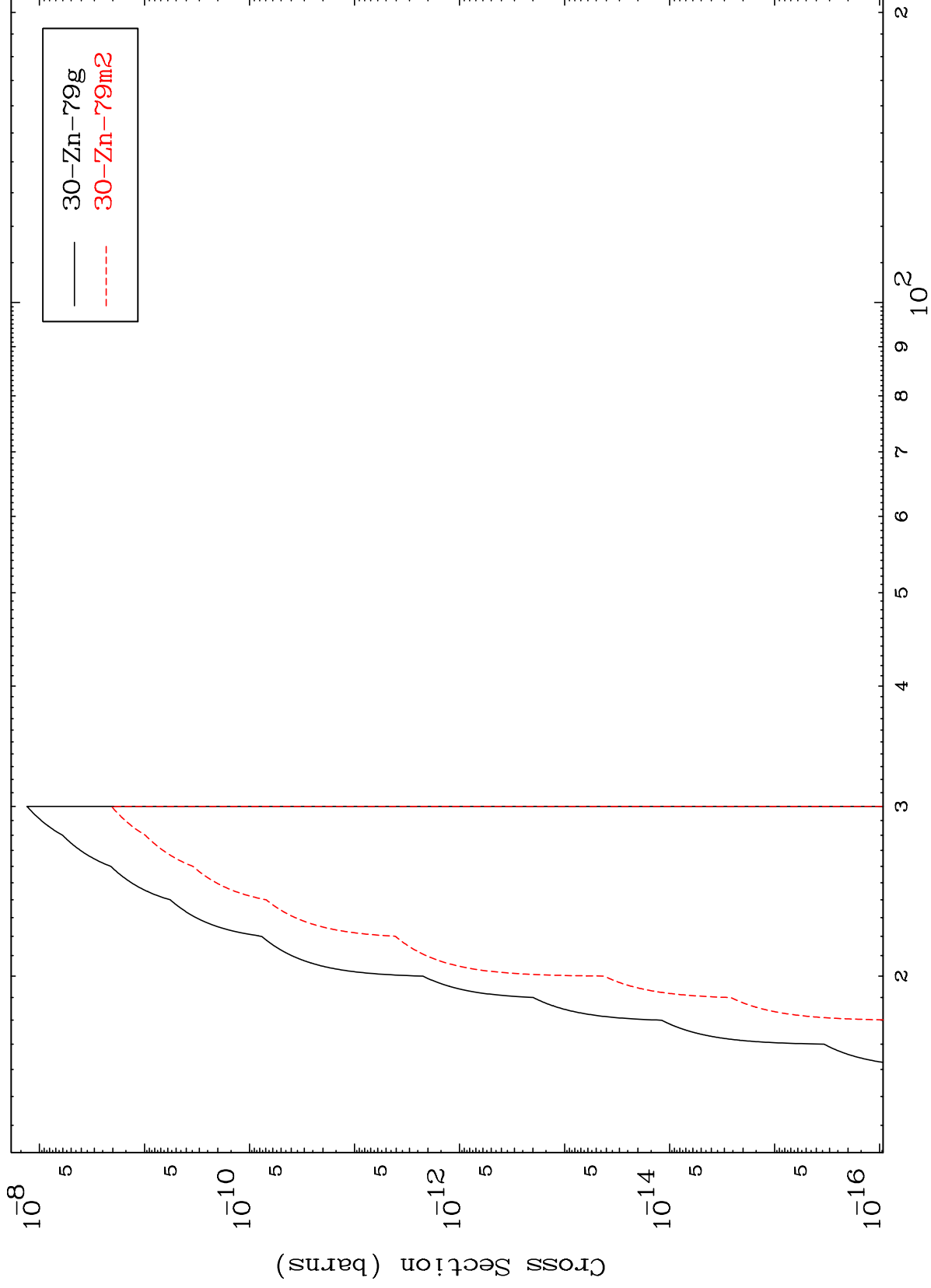
31-Ga-81

MAT 3161

(n,p) t

31-Ga-81

Radionuclide Production Cross Section



20

Incident Energy (MeV)

31-Ga-81