

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

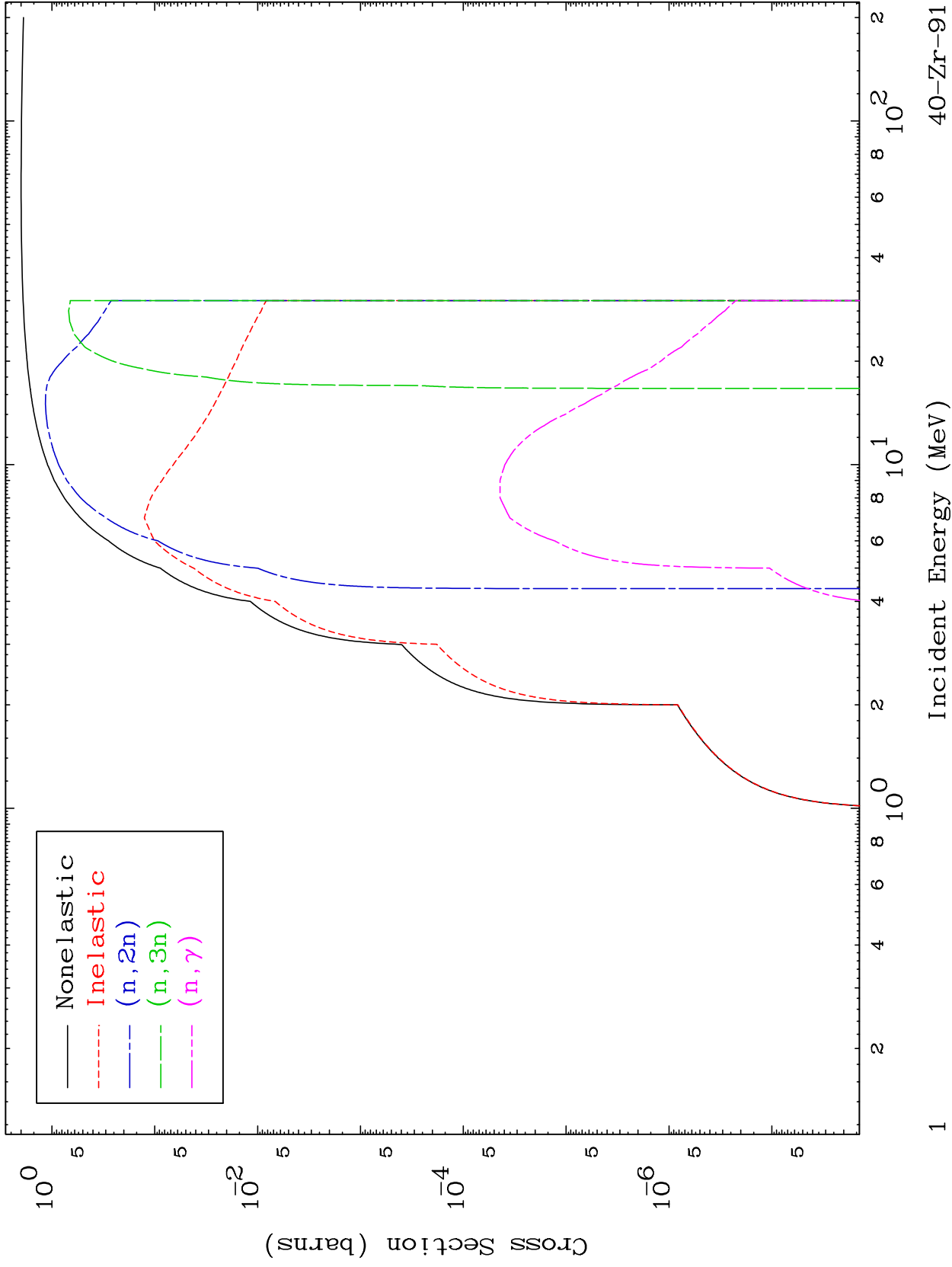
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Web:redcullen1.net/HOMEPAGE.NEW

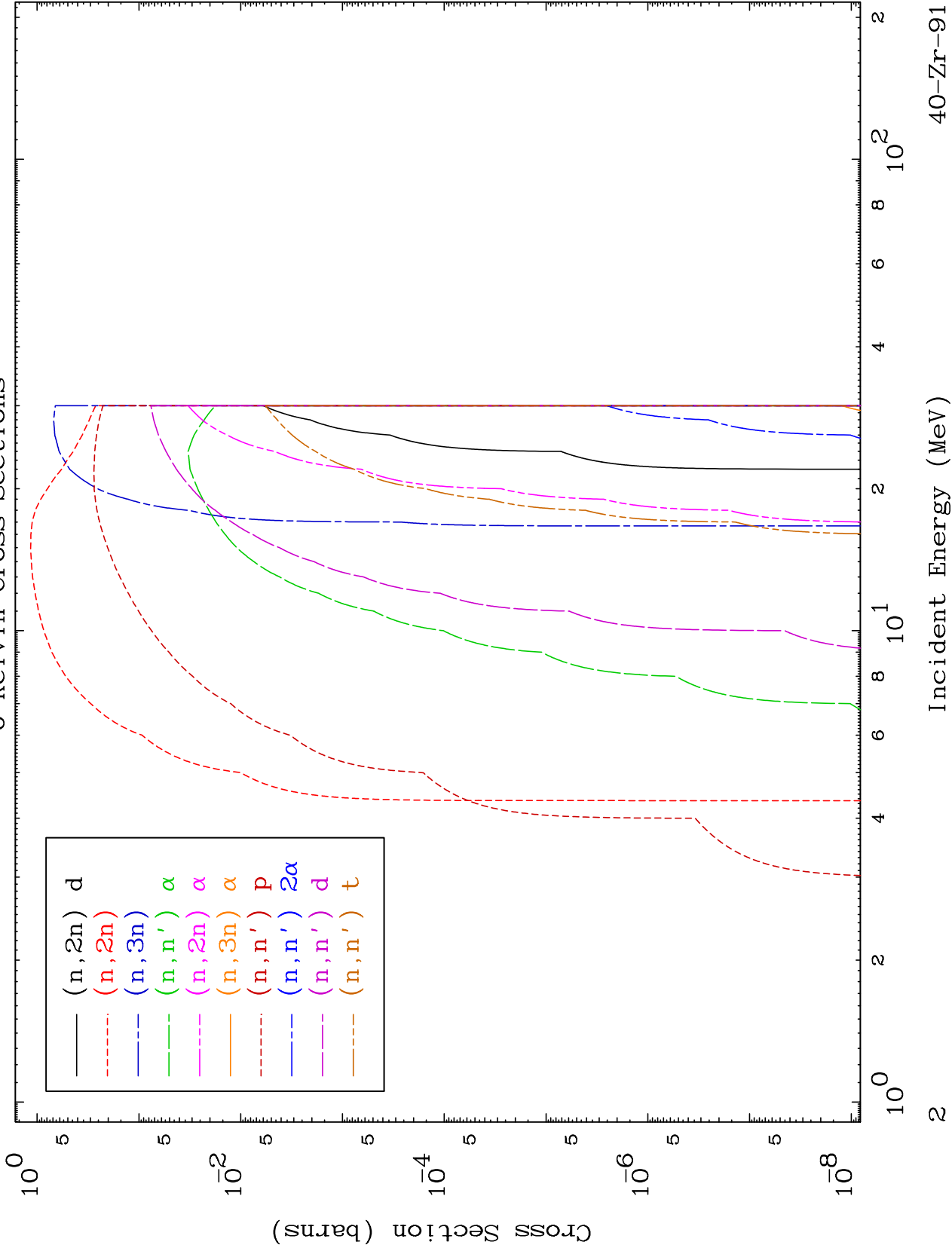
Press Mouse Button to Start

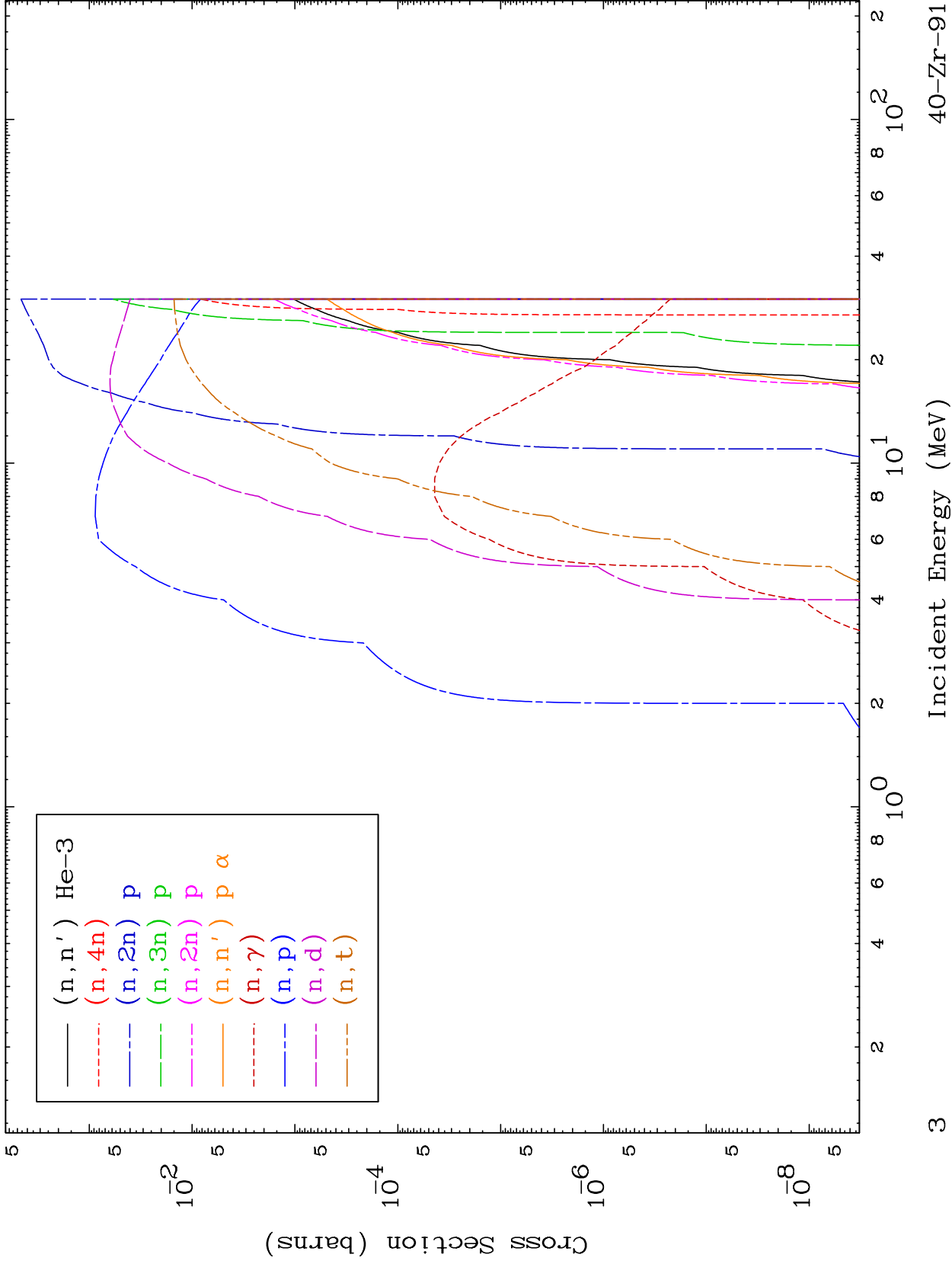


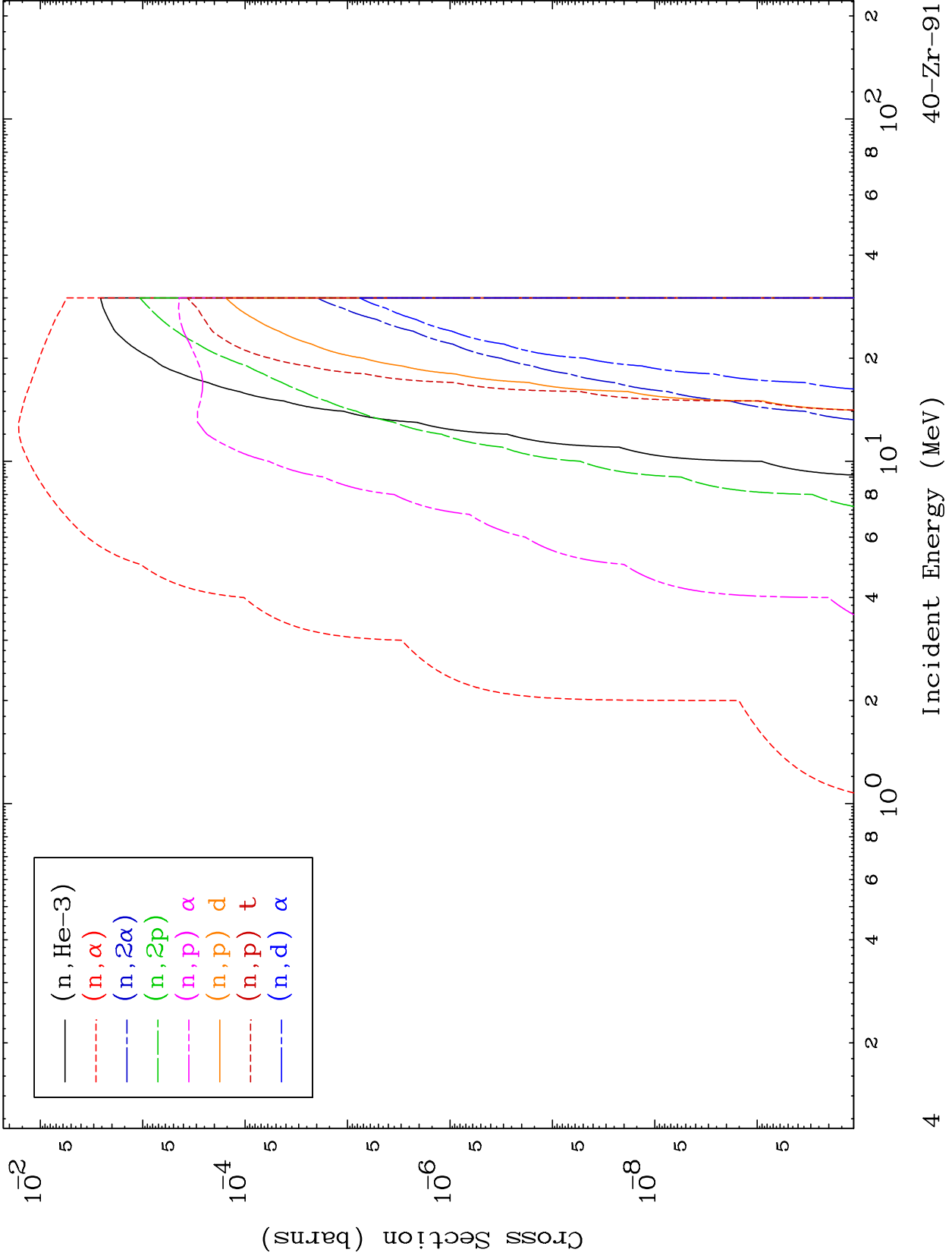
MAT 4028

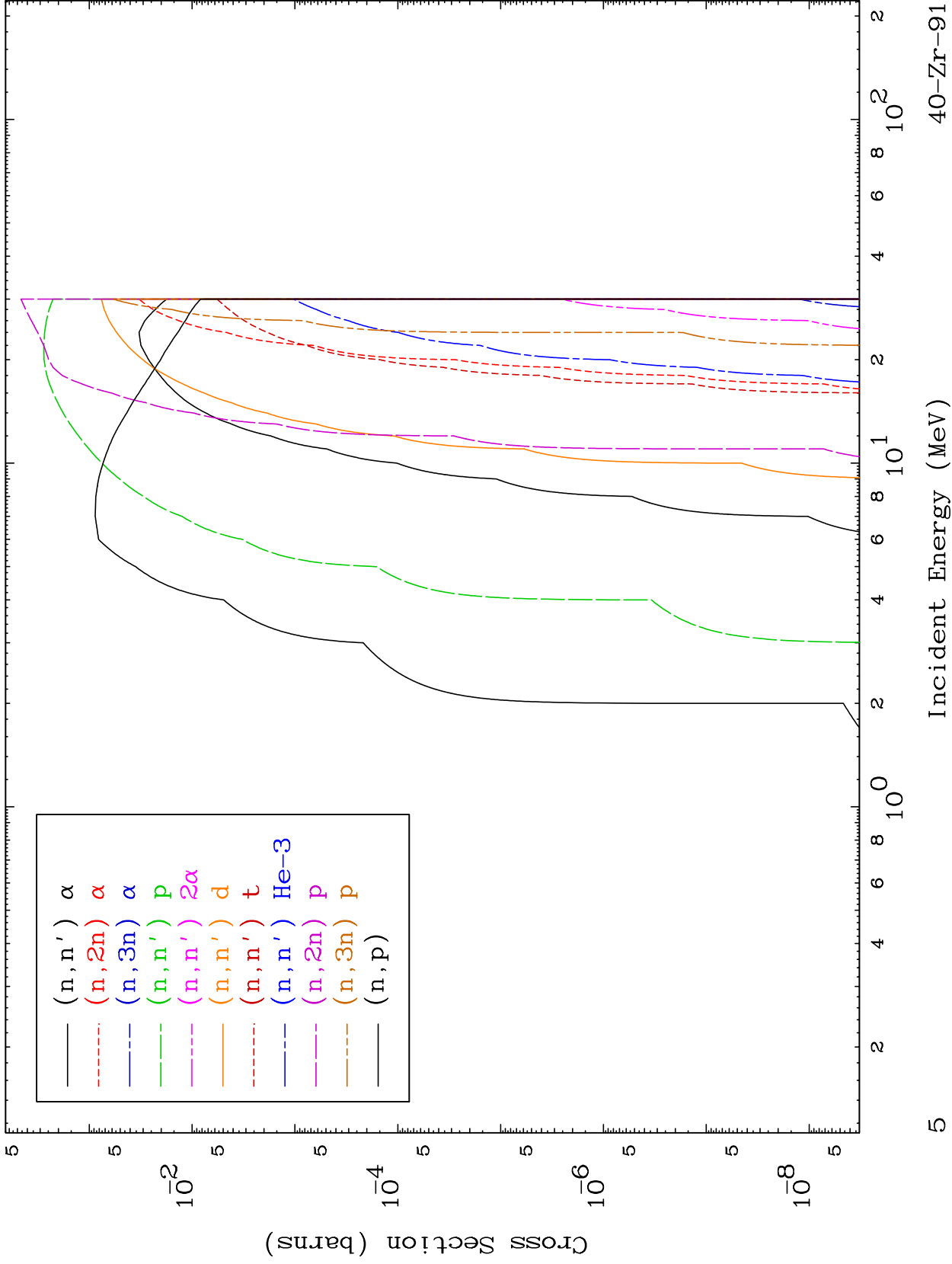
Deuteron Neutron Absorption
0 Kelvin Cross Sections

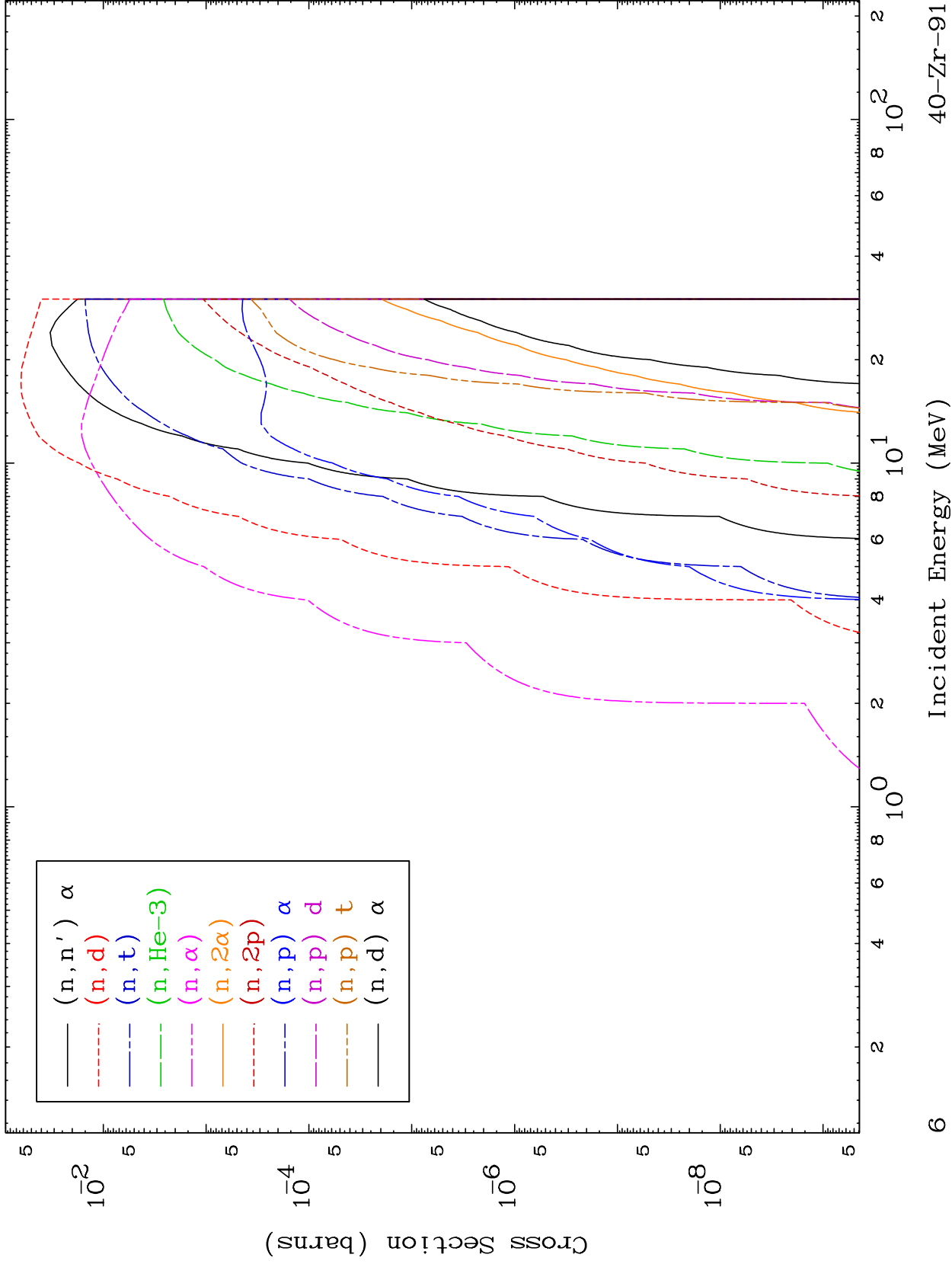
40-Zr-91







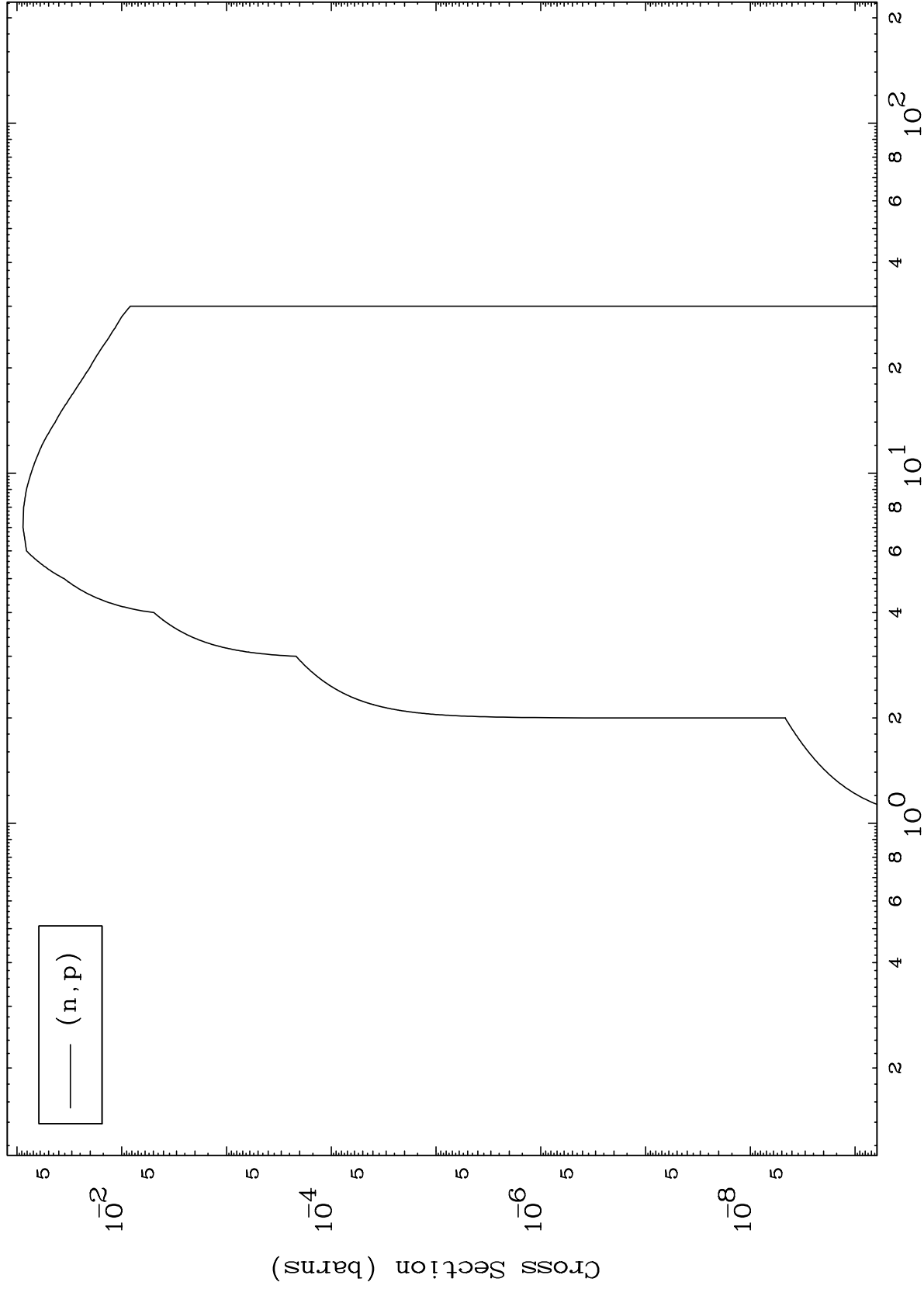




MAT 4028

40-Zr-91

(d,p) Levels
0 Kelvin Cross Sections



40-Zr-91

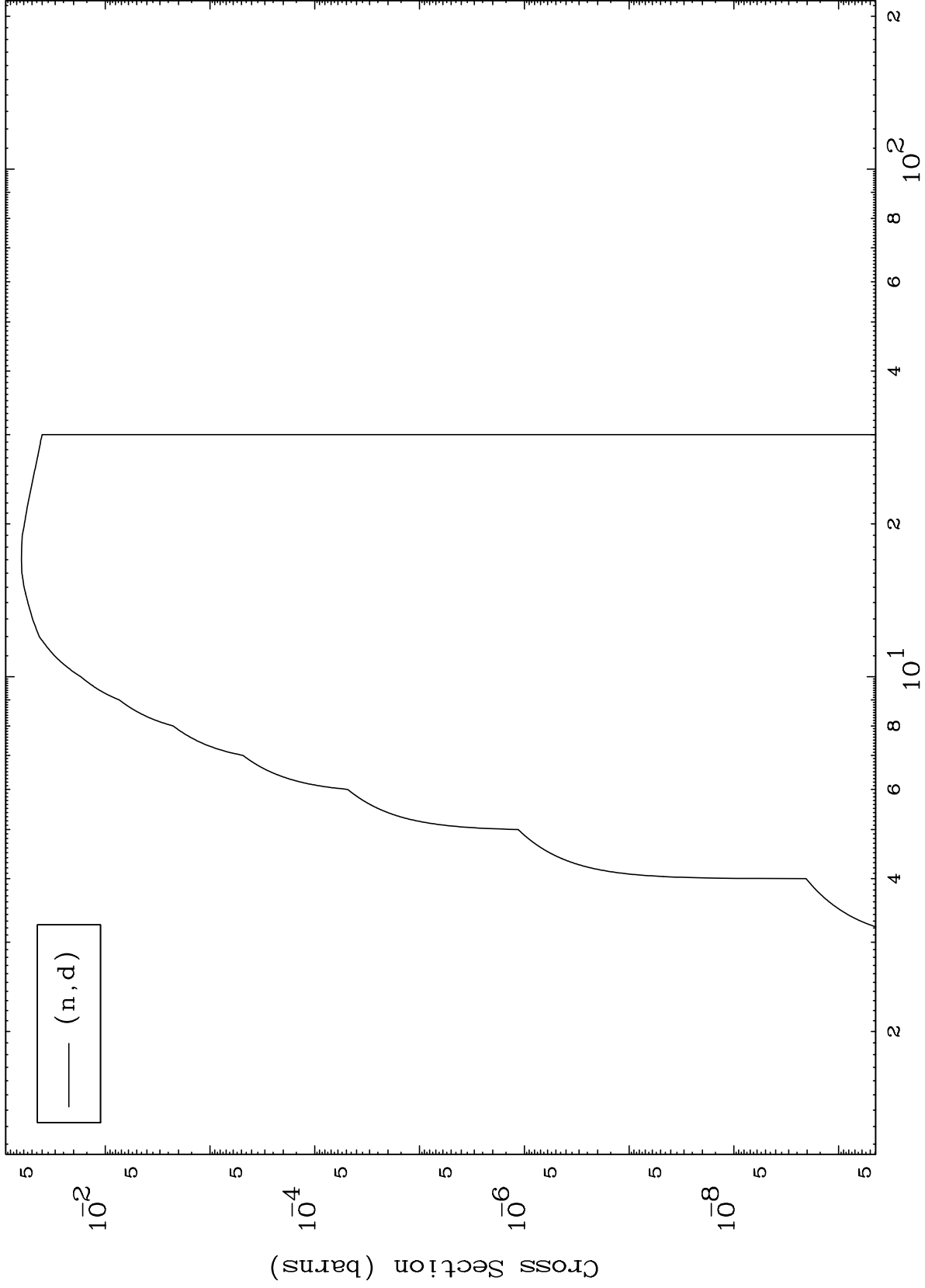
Incident Energy (MeV)

7

MAT 4028

40-Zr-91

(d,d) Levels
0 Kelvin Cross Sections



8

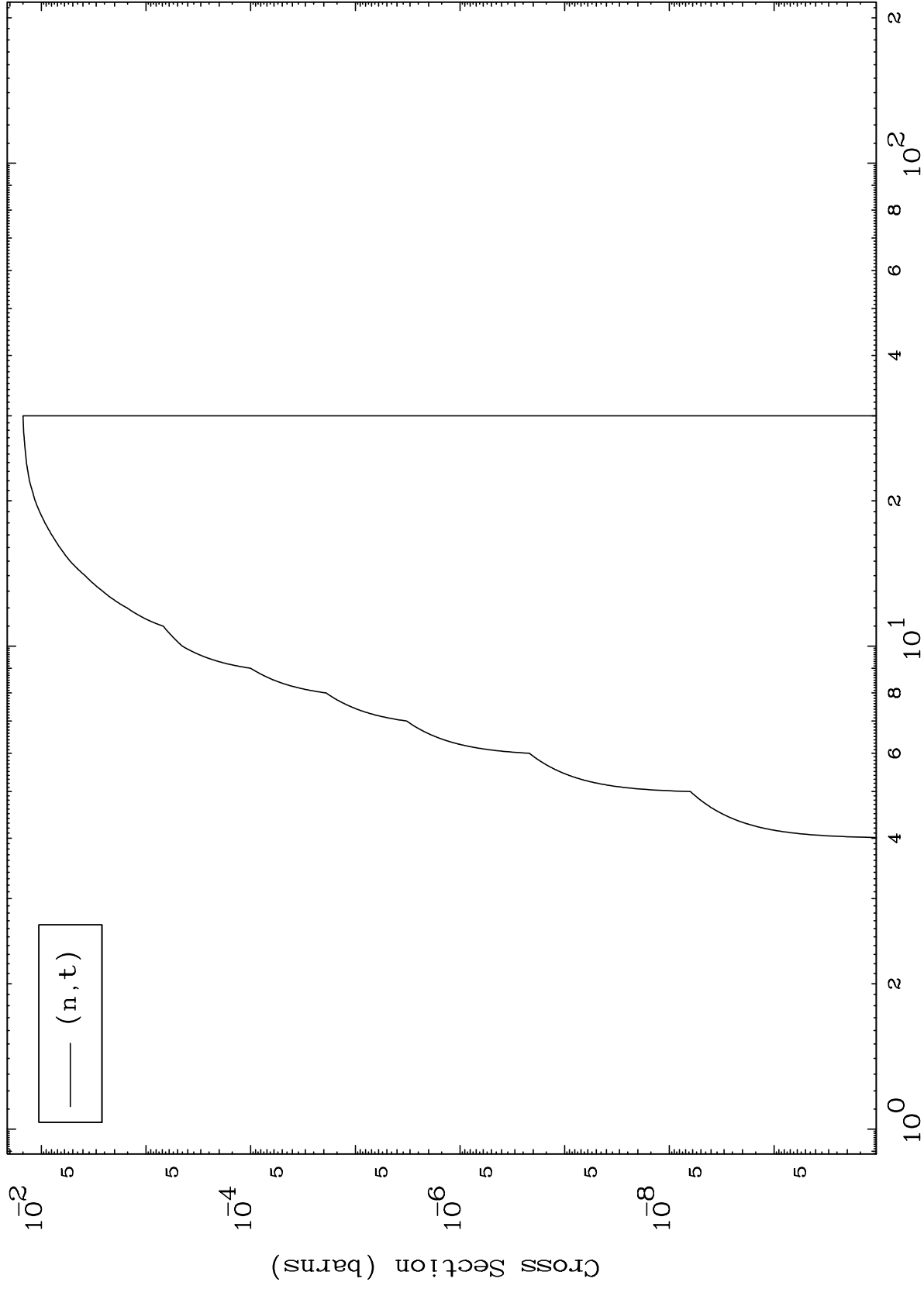
Incident Energy (MeV)

40-Zr-91

MAT 4028

(d,t) Levels
0 Kelvin Cross Sections

40-Zr-91



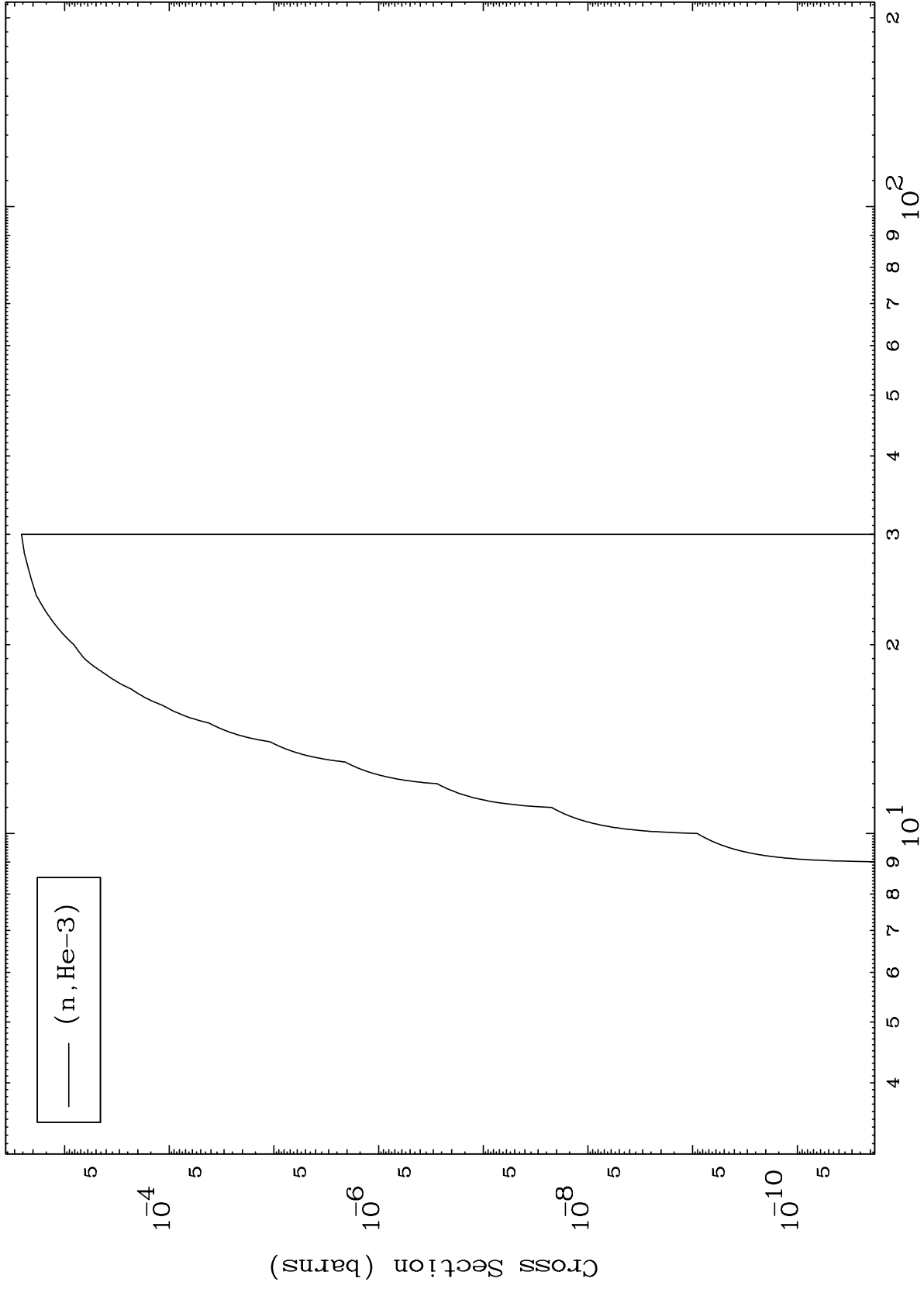
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

(d,He3) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

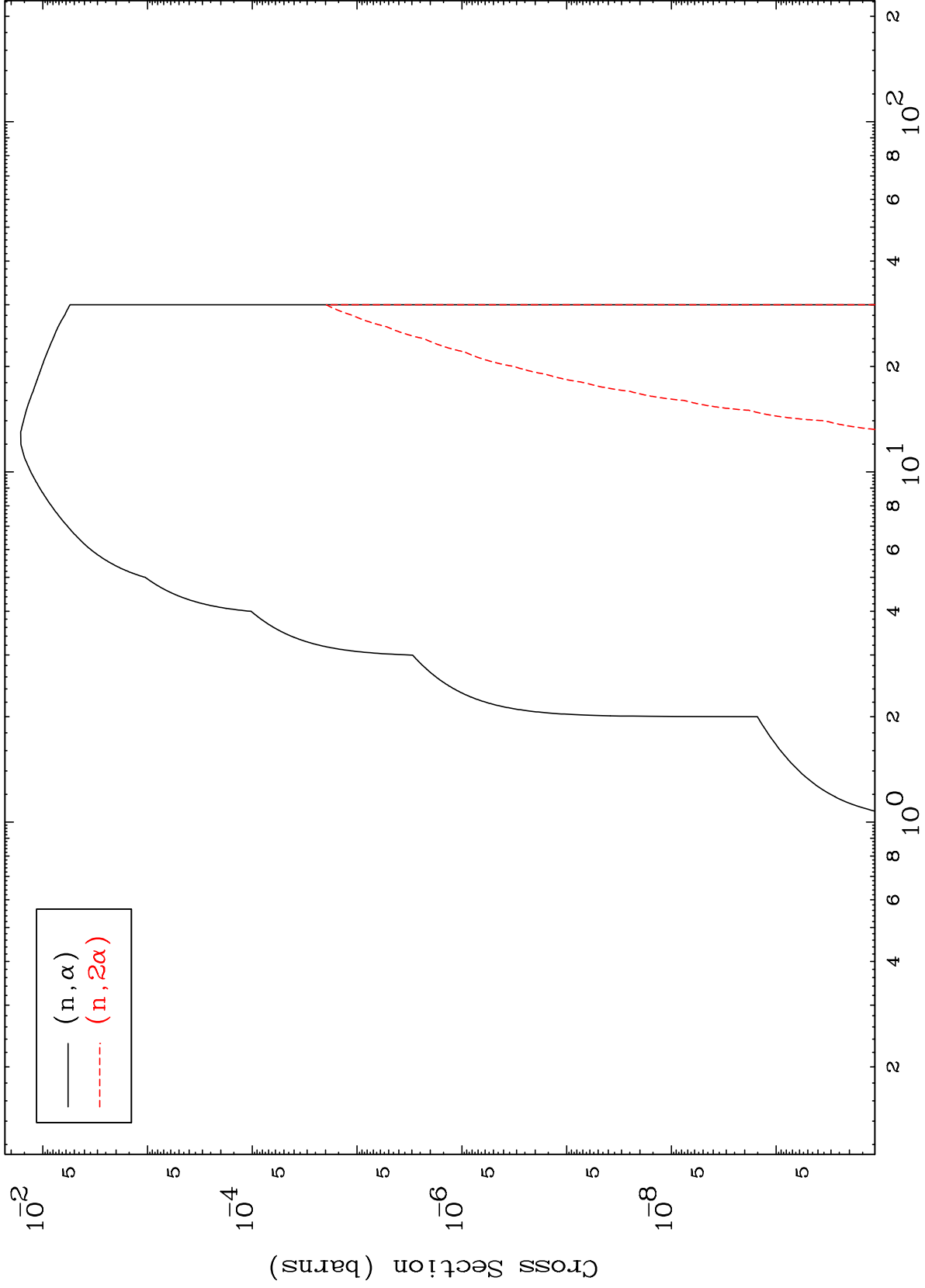
40-Zr-91

MAT 4028

(d, α) Levels

40-Zr-91

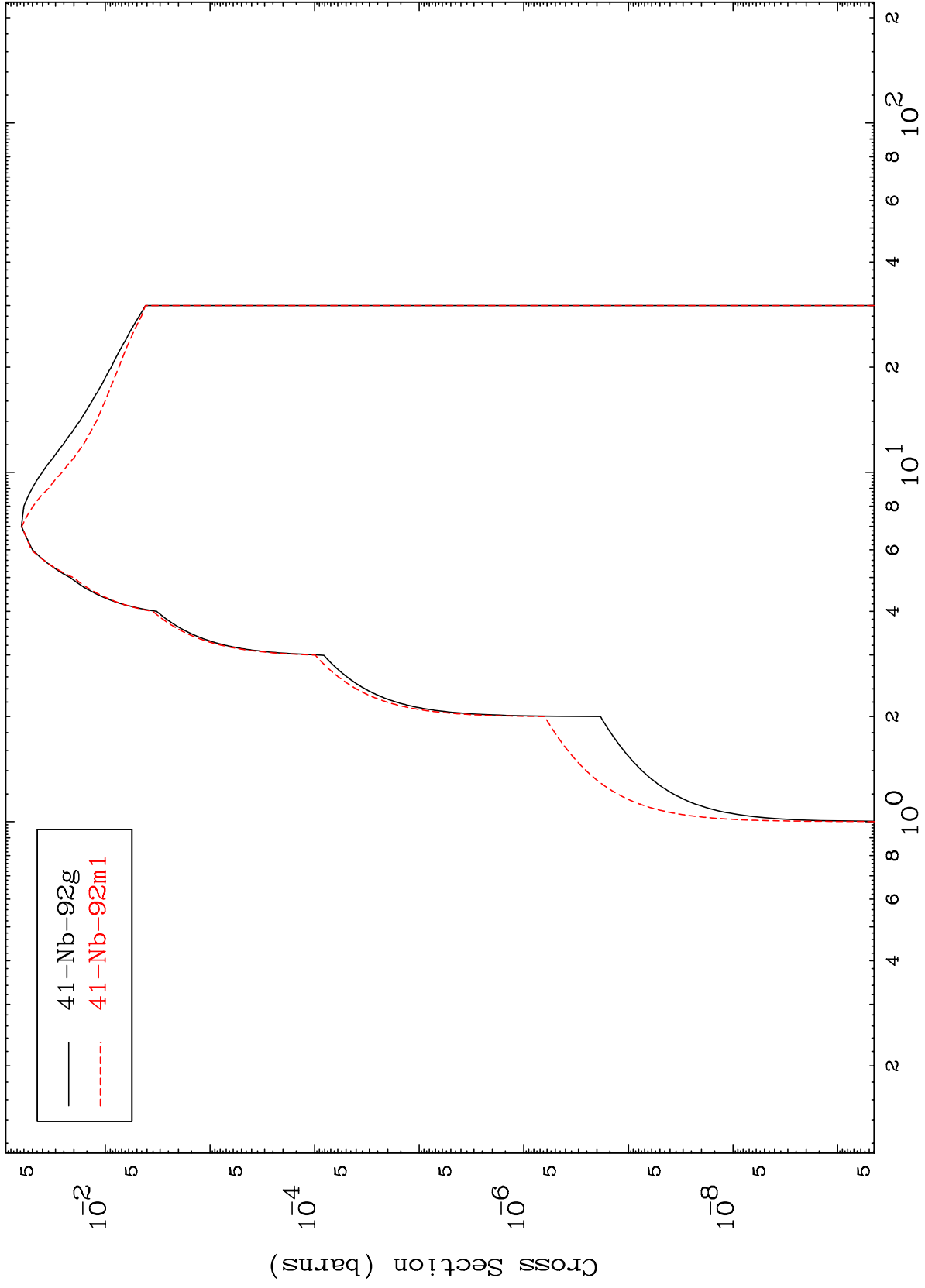
0 Kelvin Cross Sections



MAT 4028

40-Zr-91

Inelastic
Radionuclide Production Cross Section

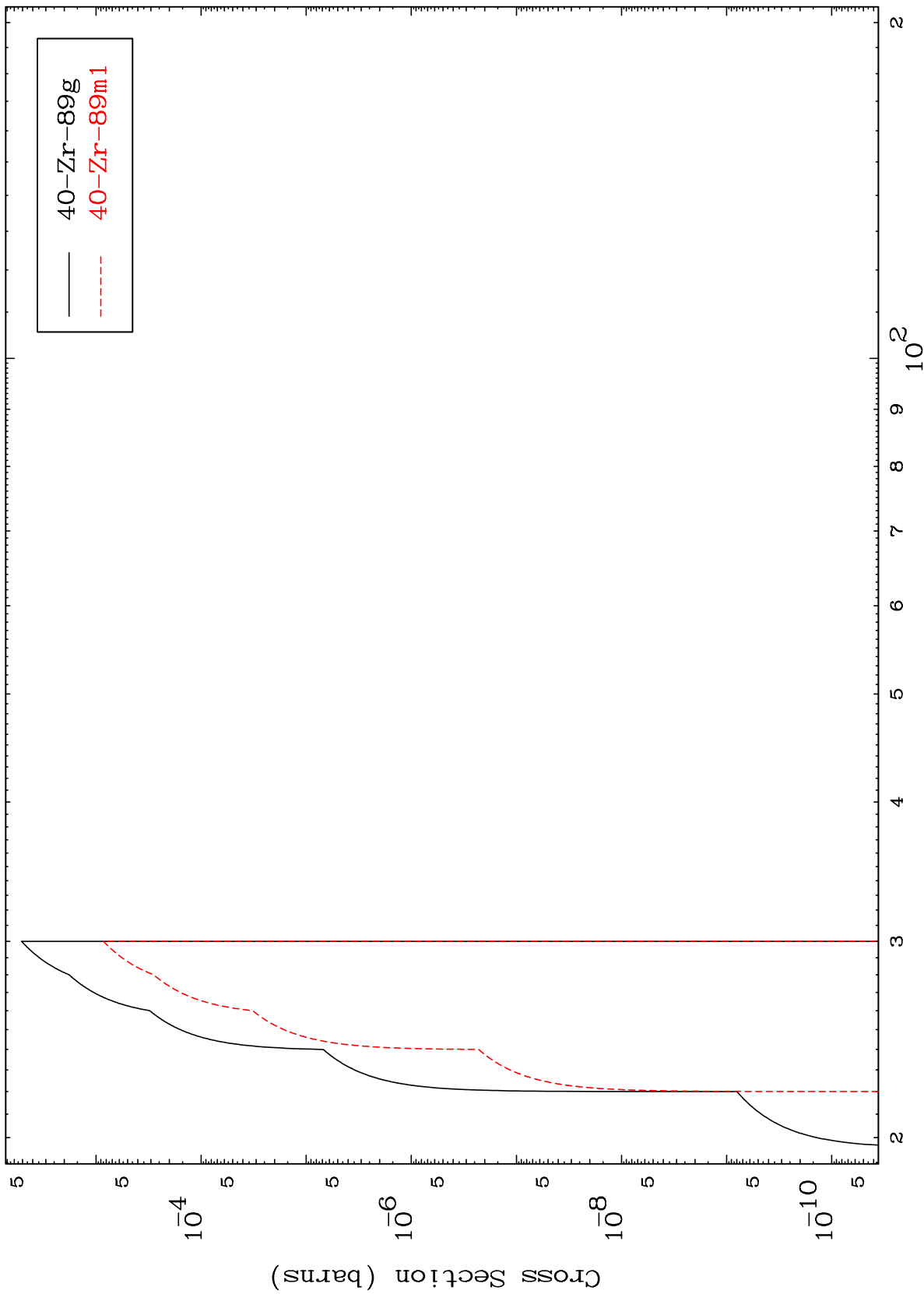


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(n,2n) d

40-Zr-91

Radionuclide Production Cross Section



13

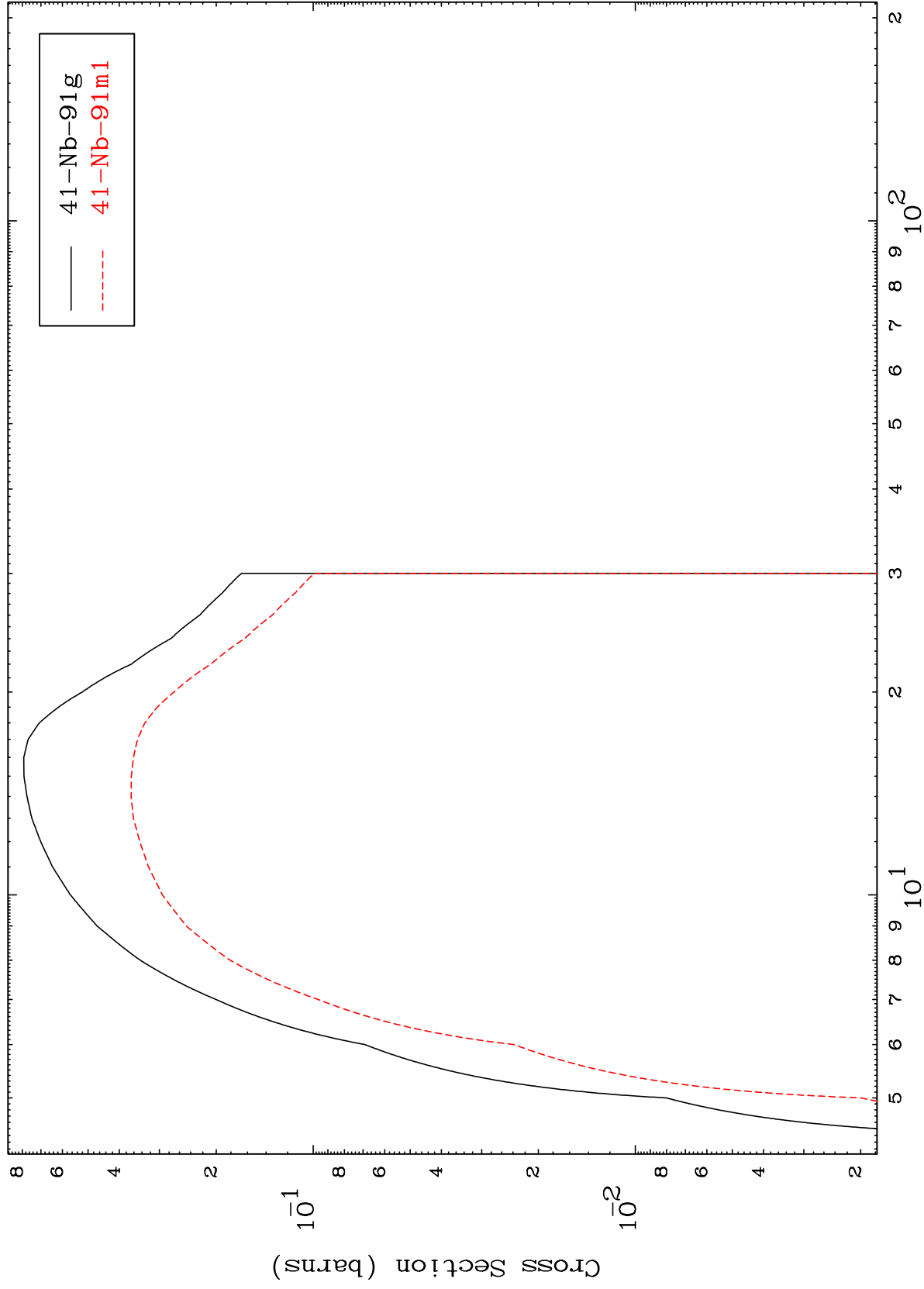
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

(n,2n)
Radionuclide Production Cross Section



40-Zr-91

Incident Energy (MeV)

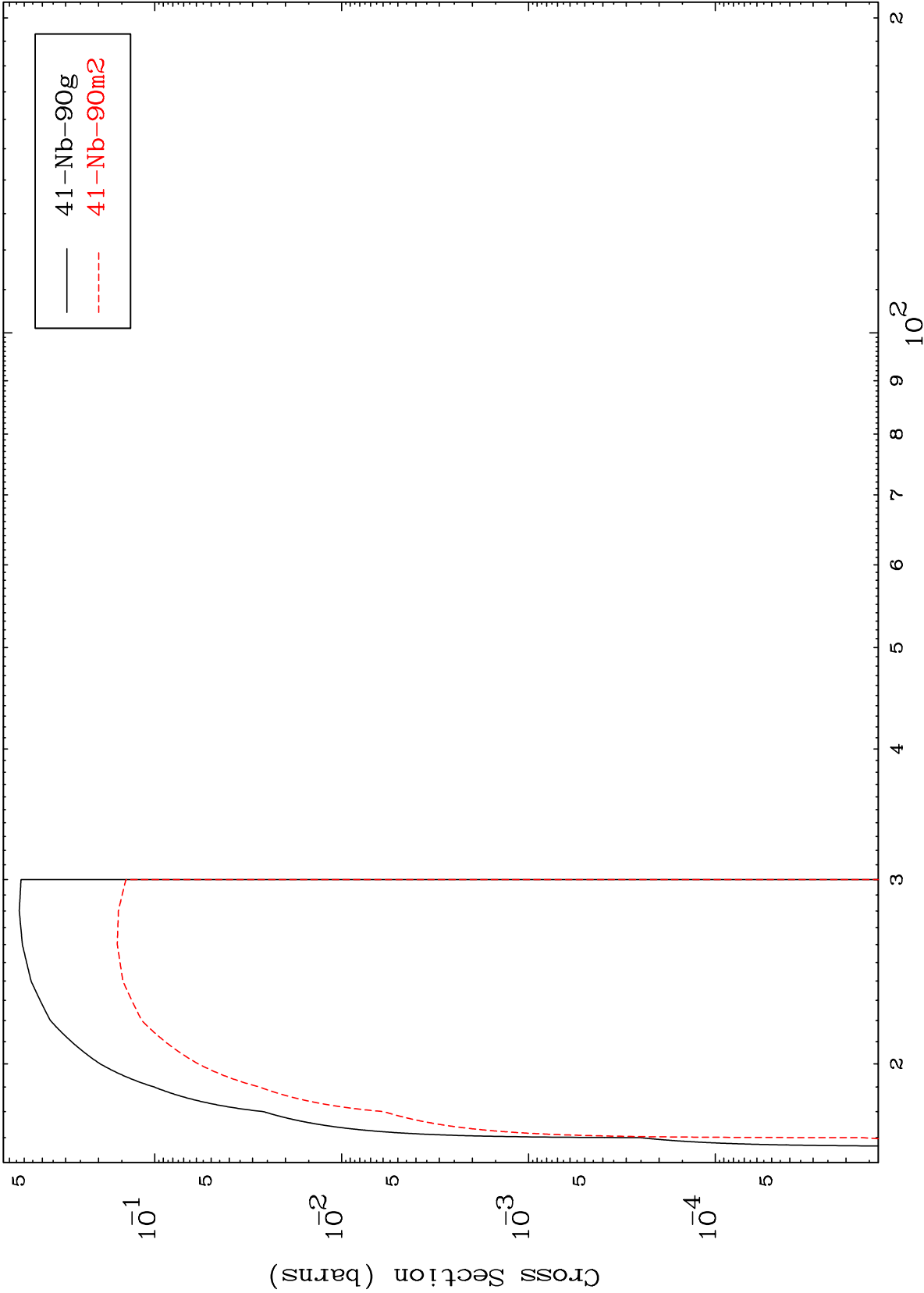
14

MAT 4028

(n,3n)

40-Zr-91

Radionuclide Production Cross Section



15

Incident Energy (MeV)

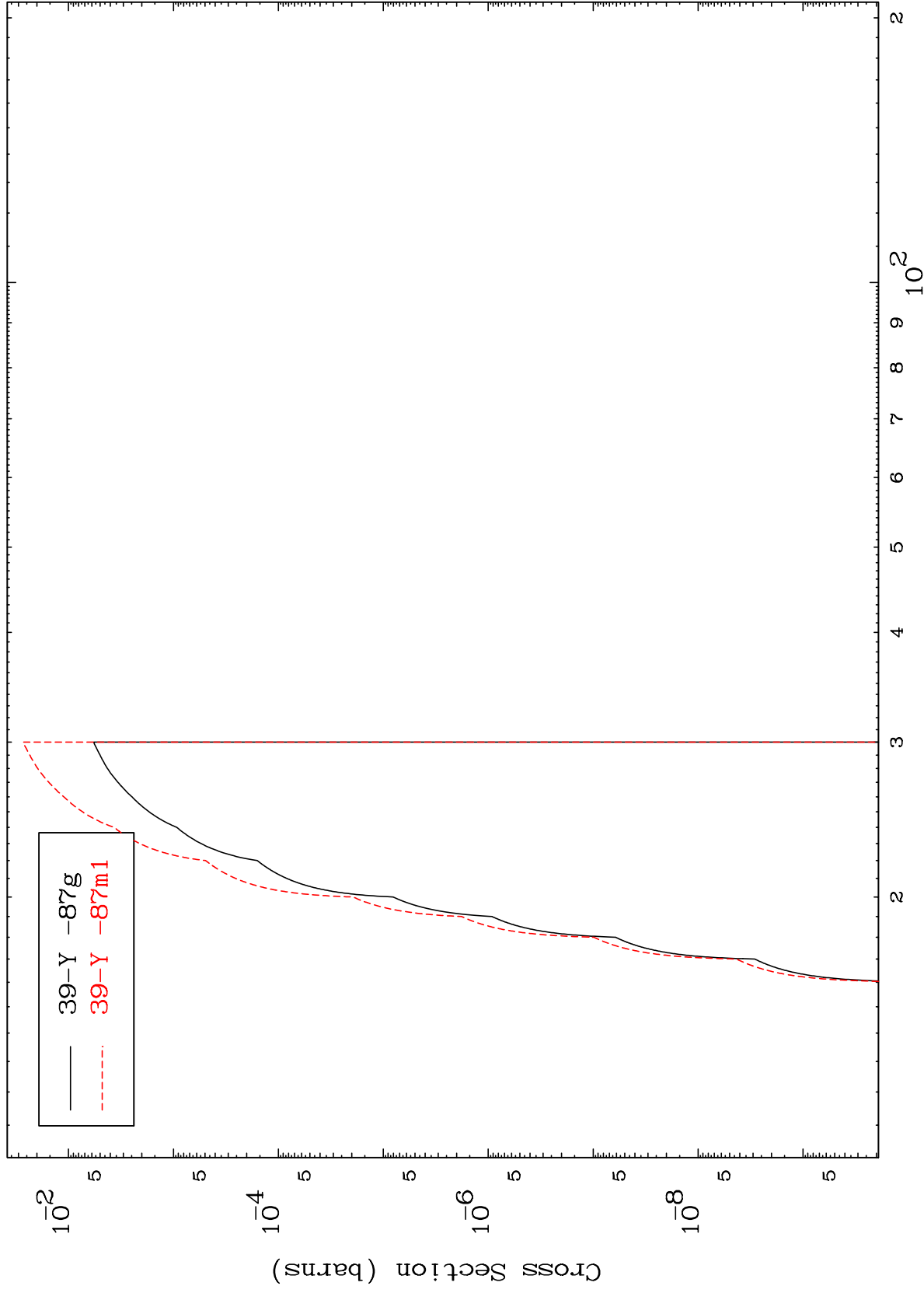
40-Zr-91

MAT 4028

40-Zr-91

(n,2n) α

Radionuclide Production Cross Section

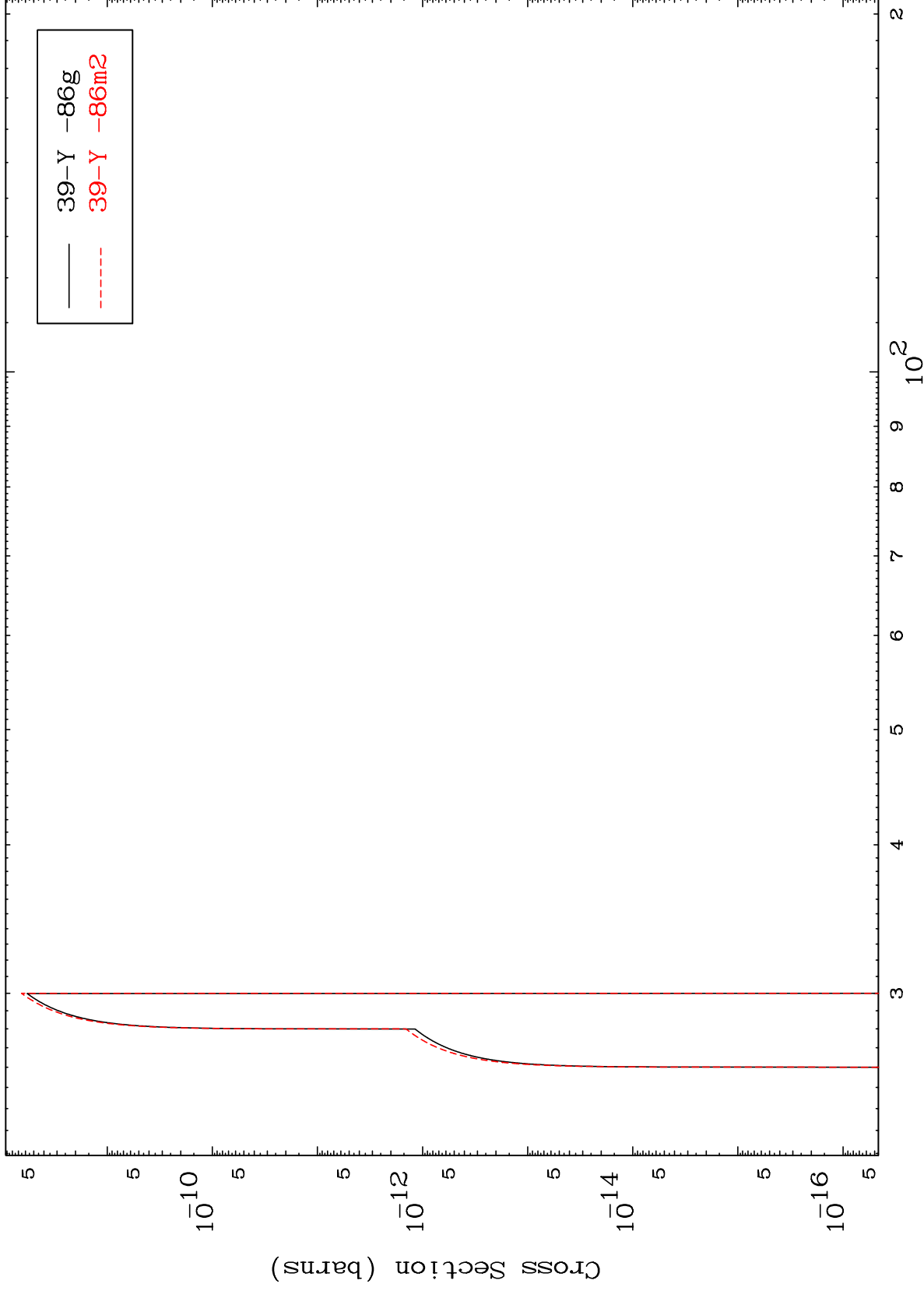


16

Incident Energy (MeV)

40-Zr-91

Radionuclide Production Cross Section

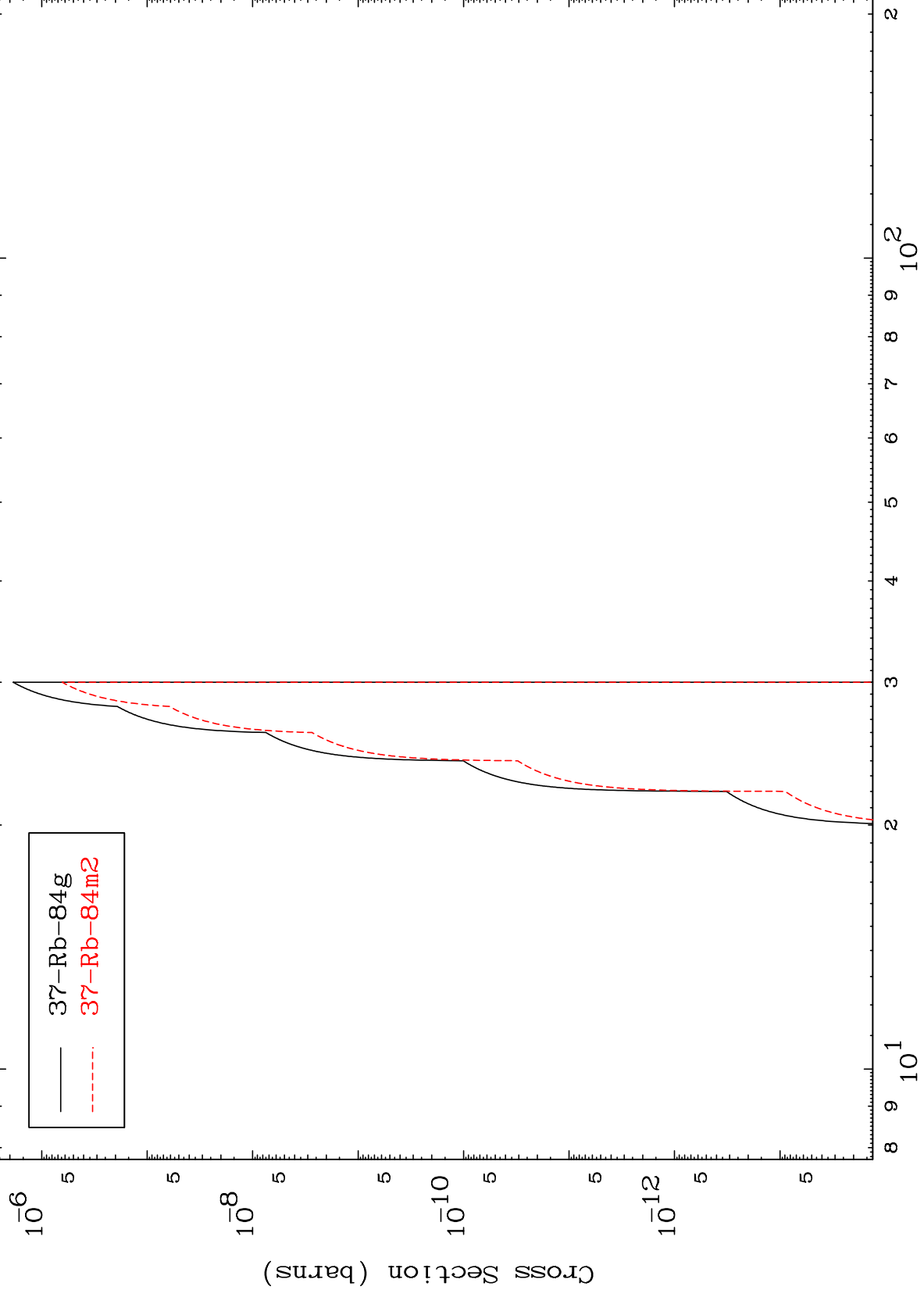


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(n,n') 2α

40-Zr-91

Radionuclide Production Cross Section



37-Rb-84g
37-Rb-84m2

18

Incident Energy (MeV)

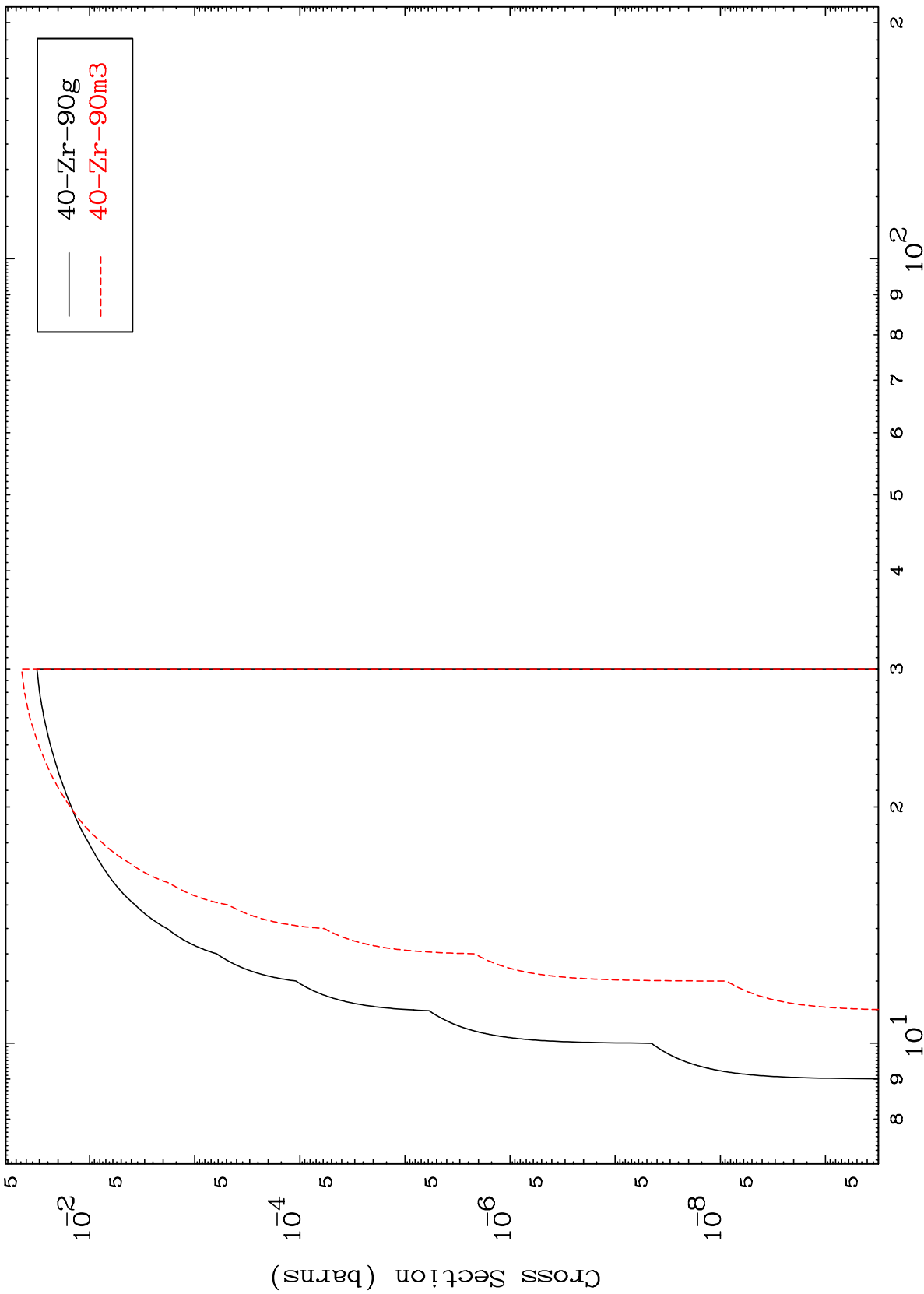
40-Zr-91

MAT 4028

(n,n') d

40-Zr-91

Radionuclide Production Cross Section



19

Incident Energy (MeV)

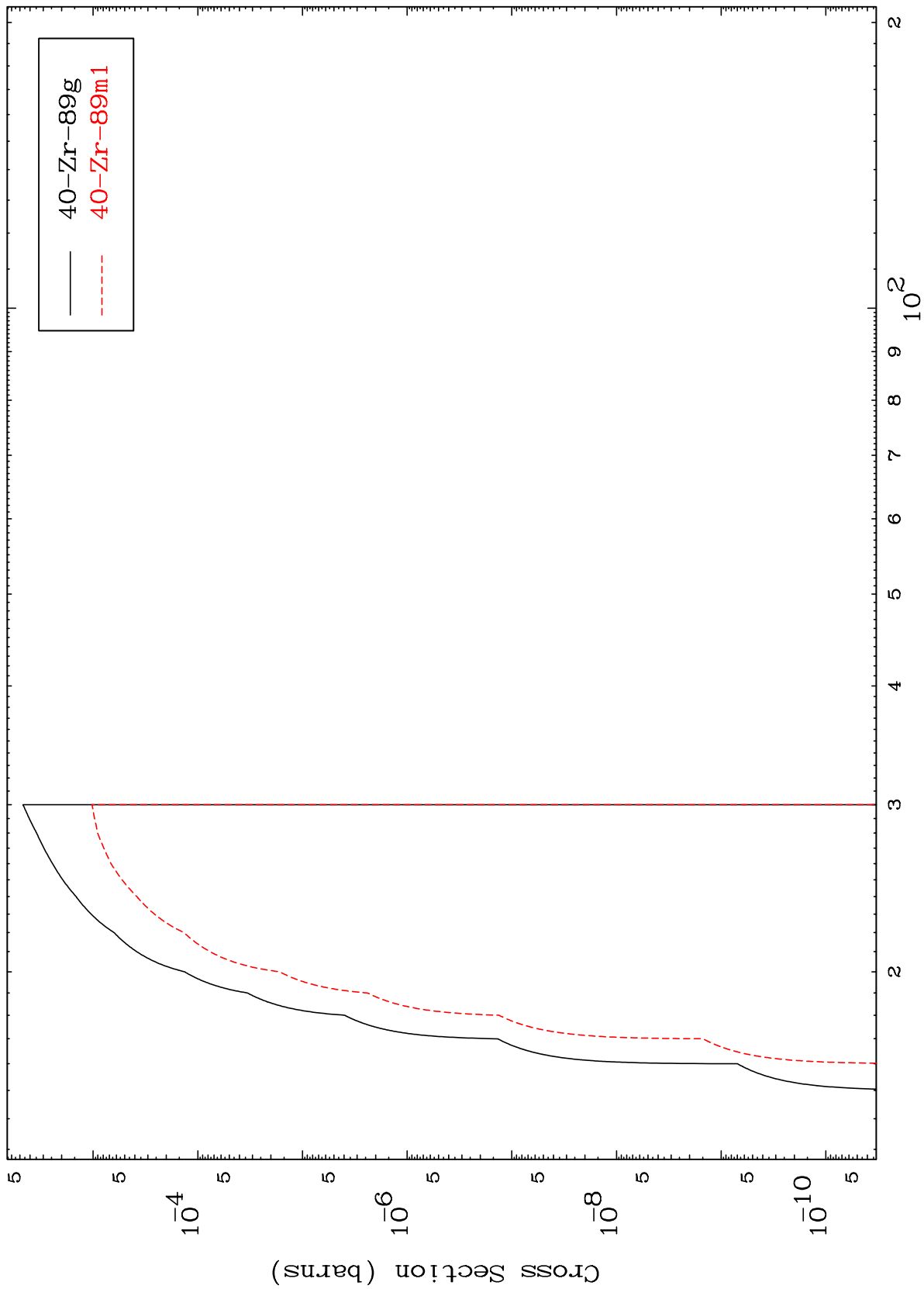
40-Zr-91

MAT 4028

(n,n') t

40-Zr-91

Radionuclide Production Cross Section



20

Incident Energy (MeV)

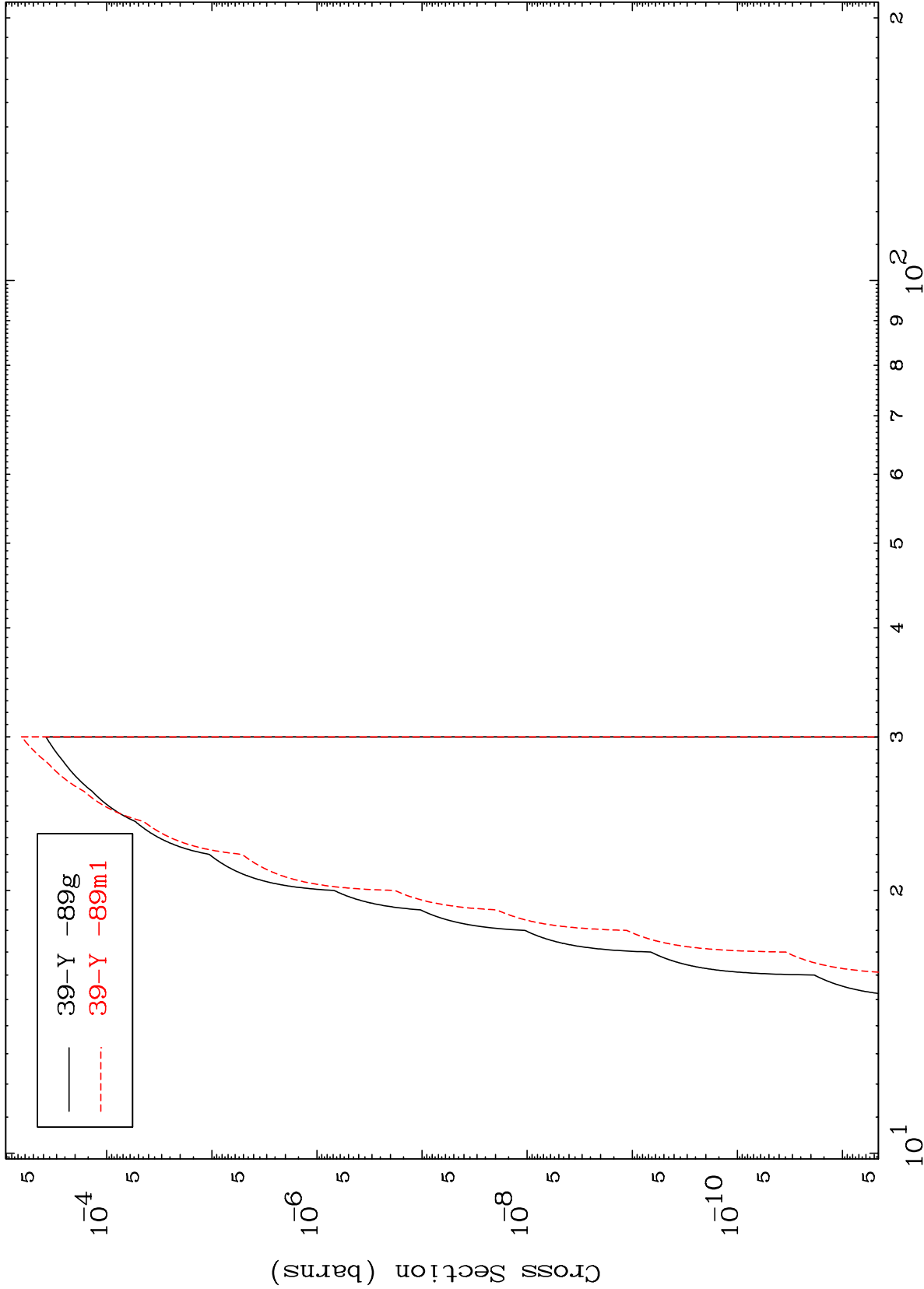
40-Zr-91

MAT 4028

(n,n') He-3

40-Zr-91

Radionuclide Production Cross Section



Incident Energy (MeV)

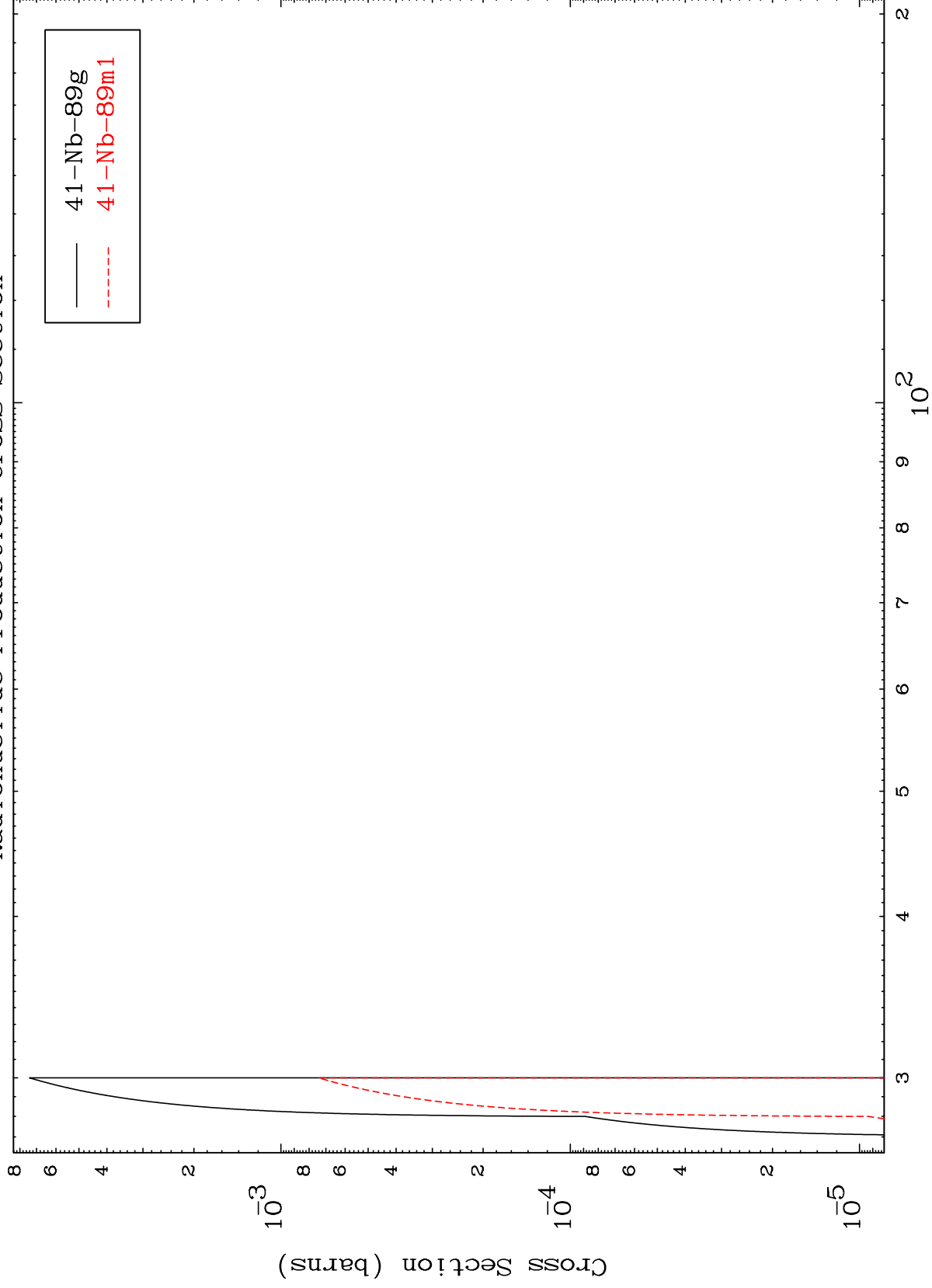
40-Zr-91

21

MAT 4028

40-Zr-91

(n,4n)
Radionuclide Production Cross Section



22

40-Zr-91

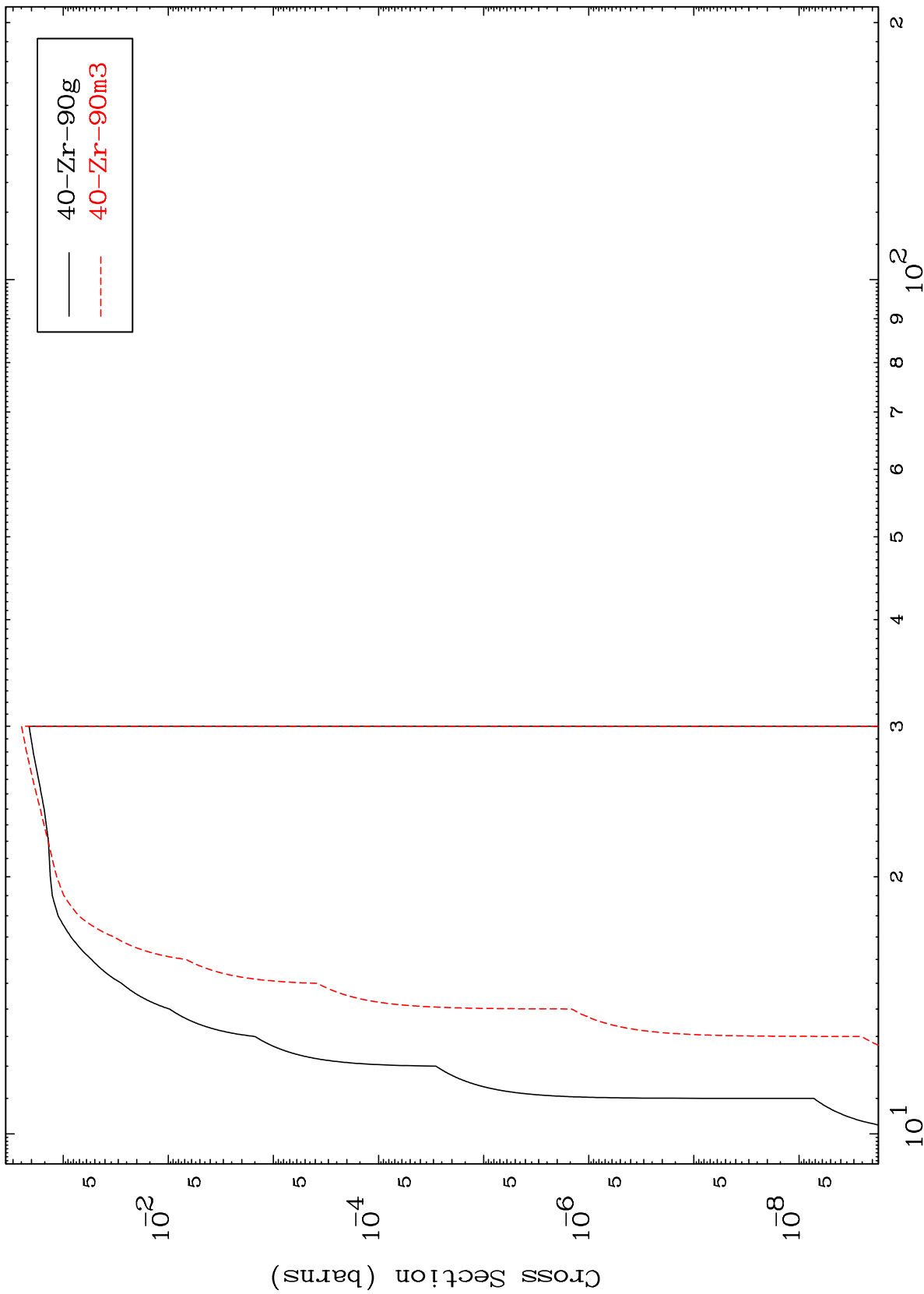
Incident Energy (MeV)

MAT 4028

(n,2n) p

40-Zr-91

Radionuclide Production Cross Section



23

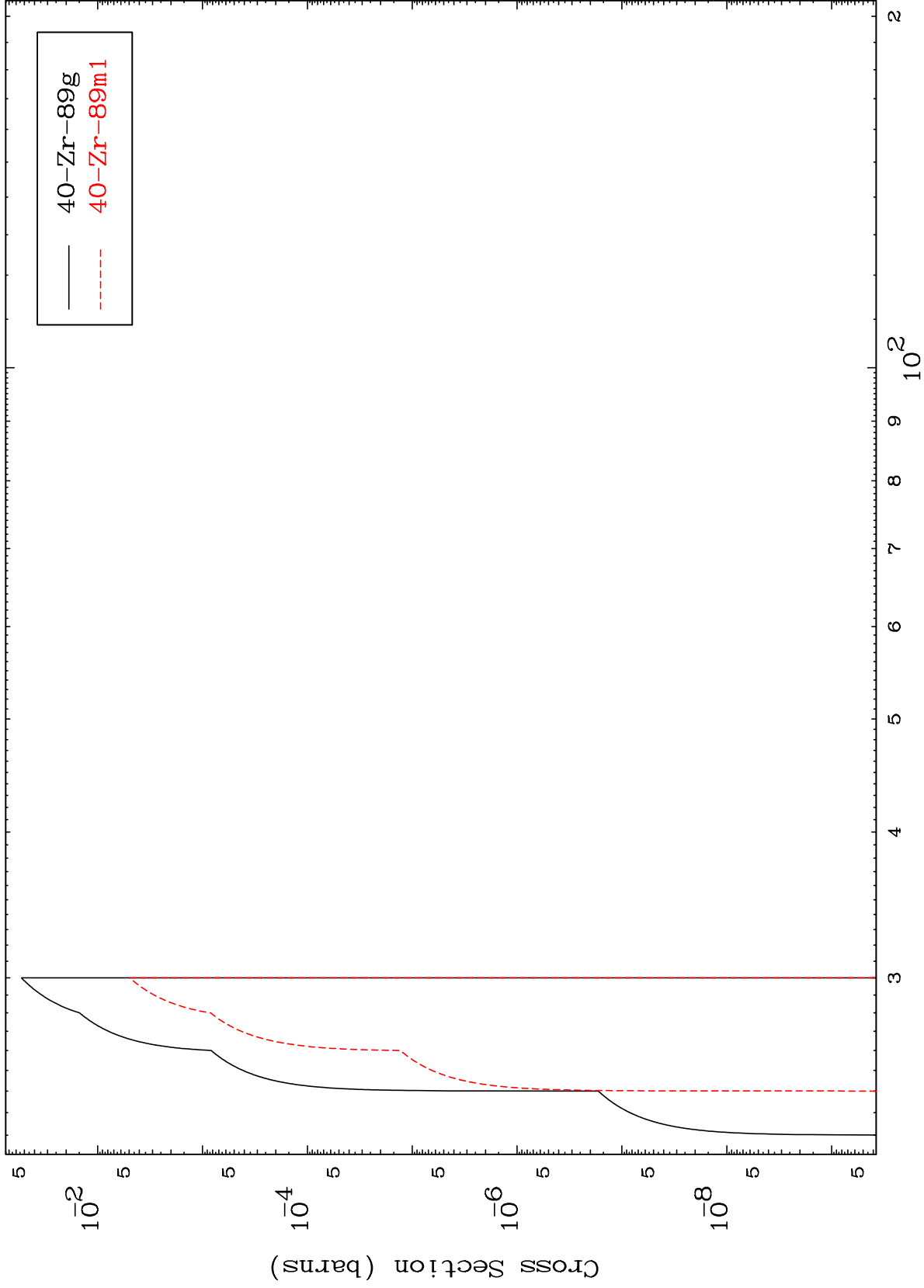
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

(n,3n) p
Radionuclide Production Cross Section



40-Zr-91

Incident Energy (MeV)

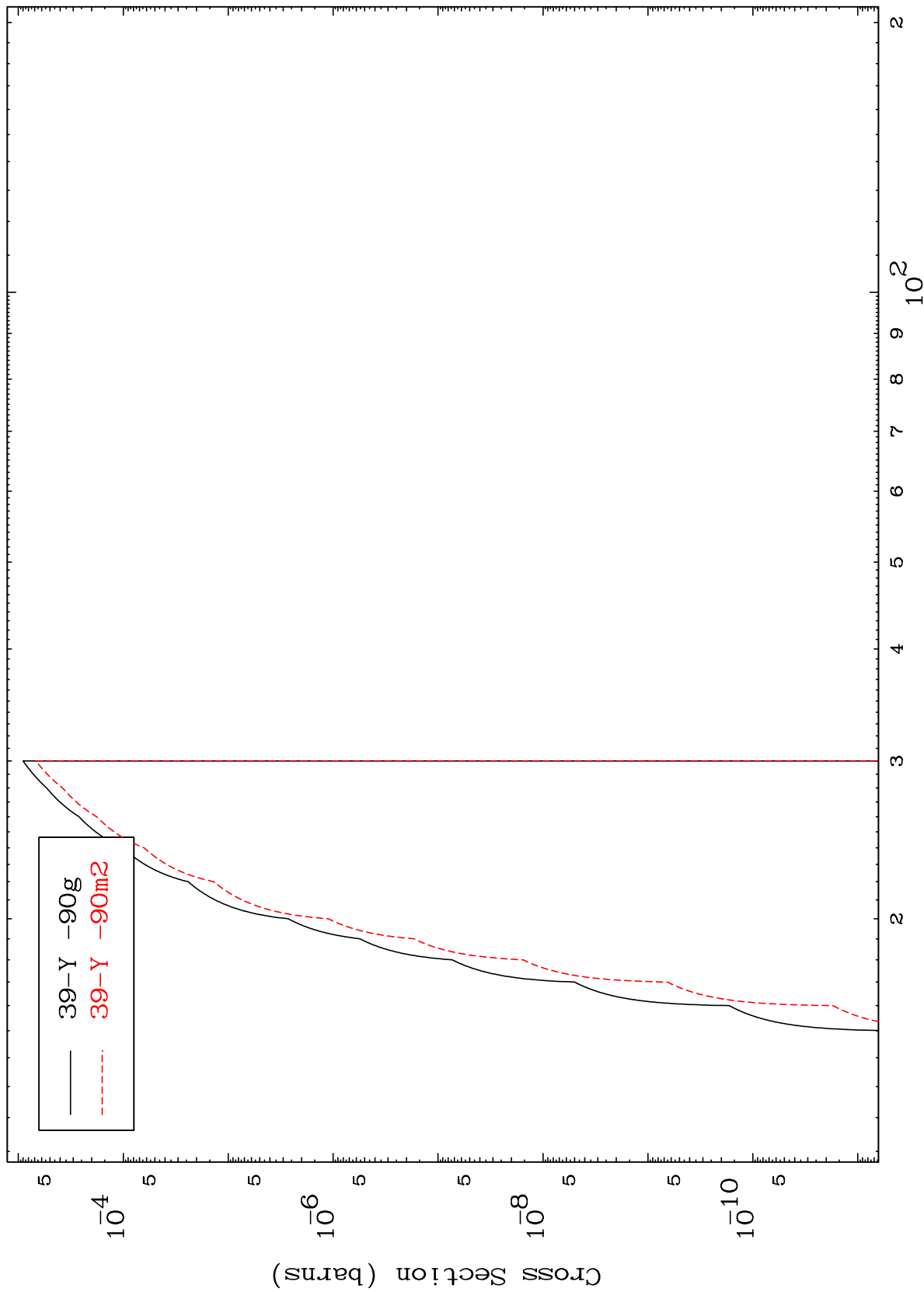
24

MAT 4028

(n,2n) p

40-Zr-91

Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-91

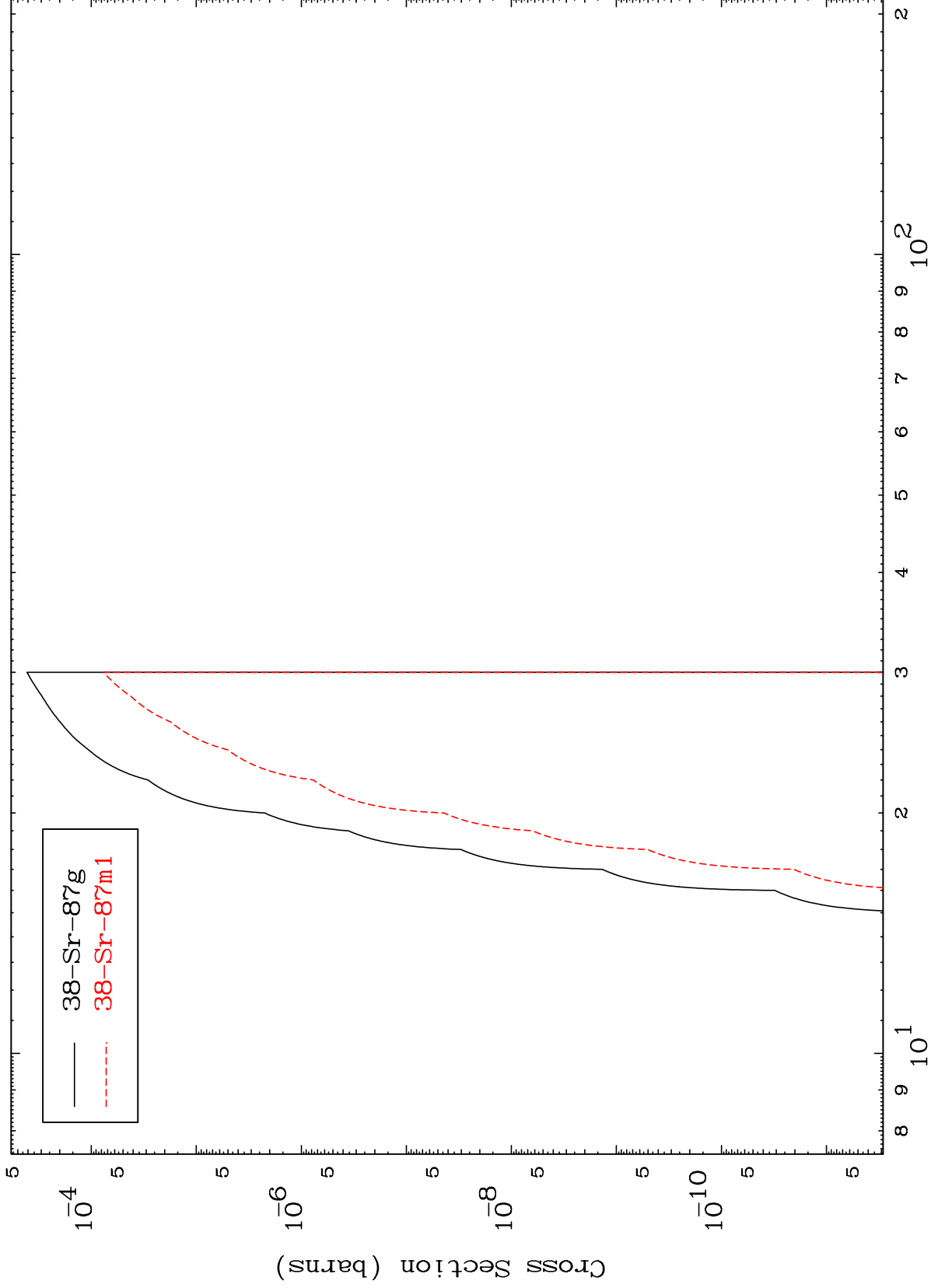
25

MAT 4028

(n,n') p α

40-Zr-91

Radionuclide Production Cross Section



26

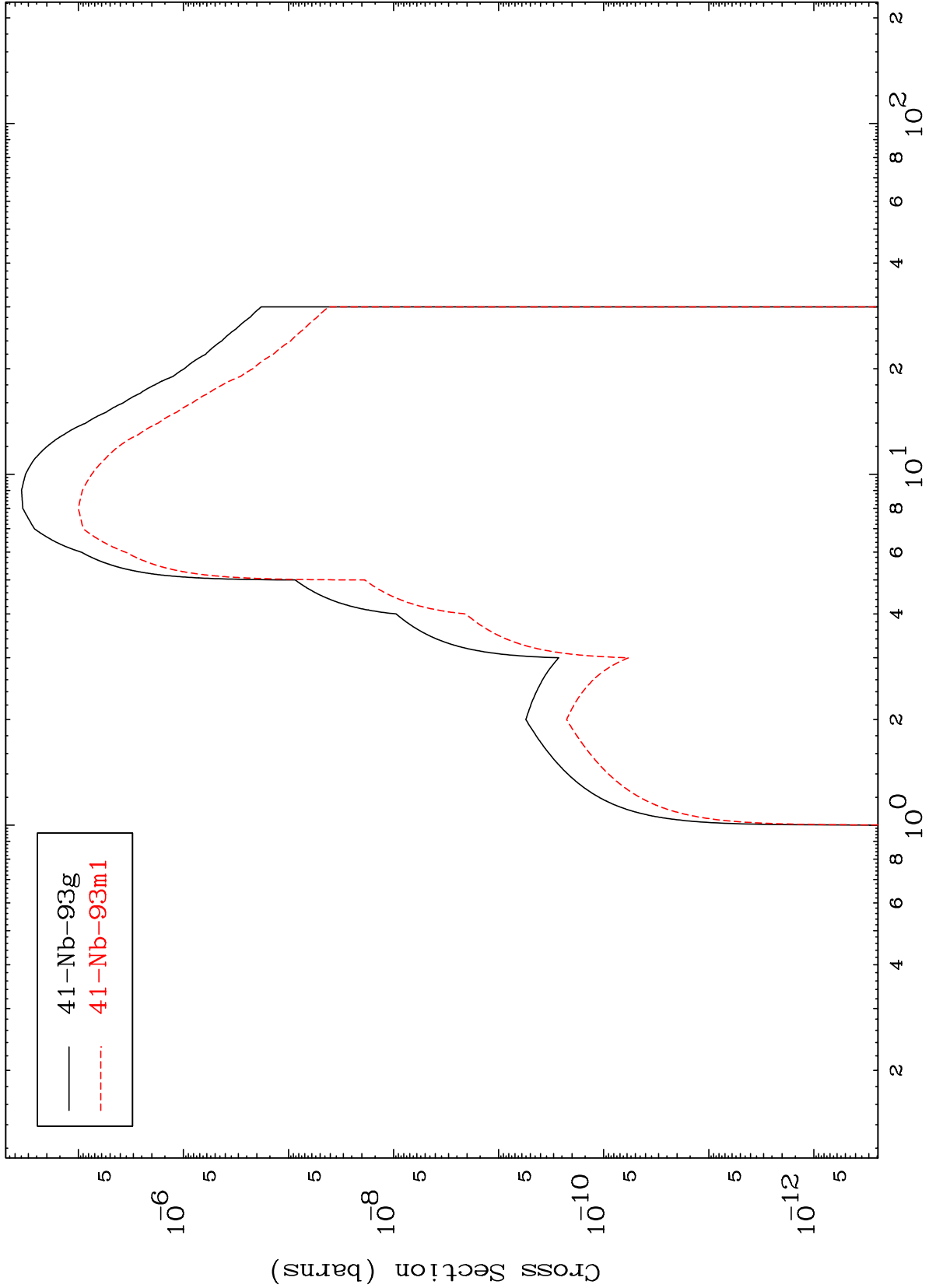
Incident Energy (MeV)

40-Zr-91

MAT 4028

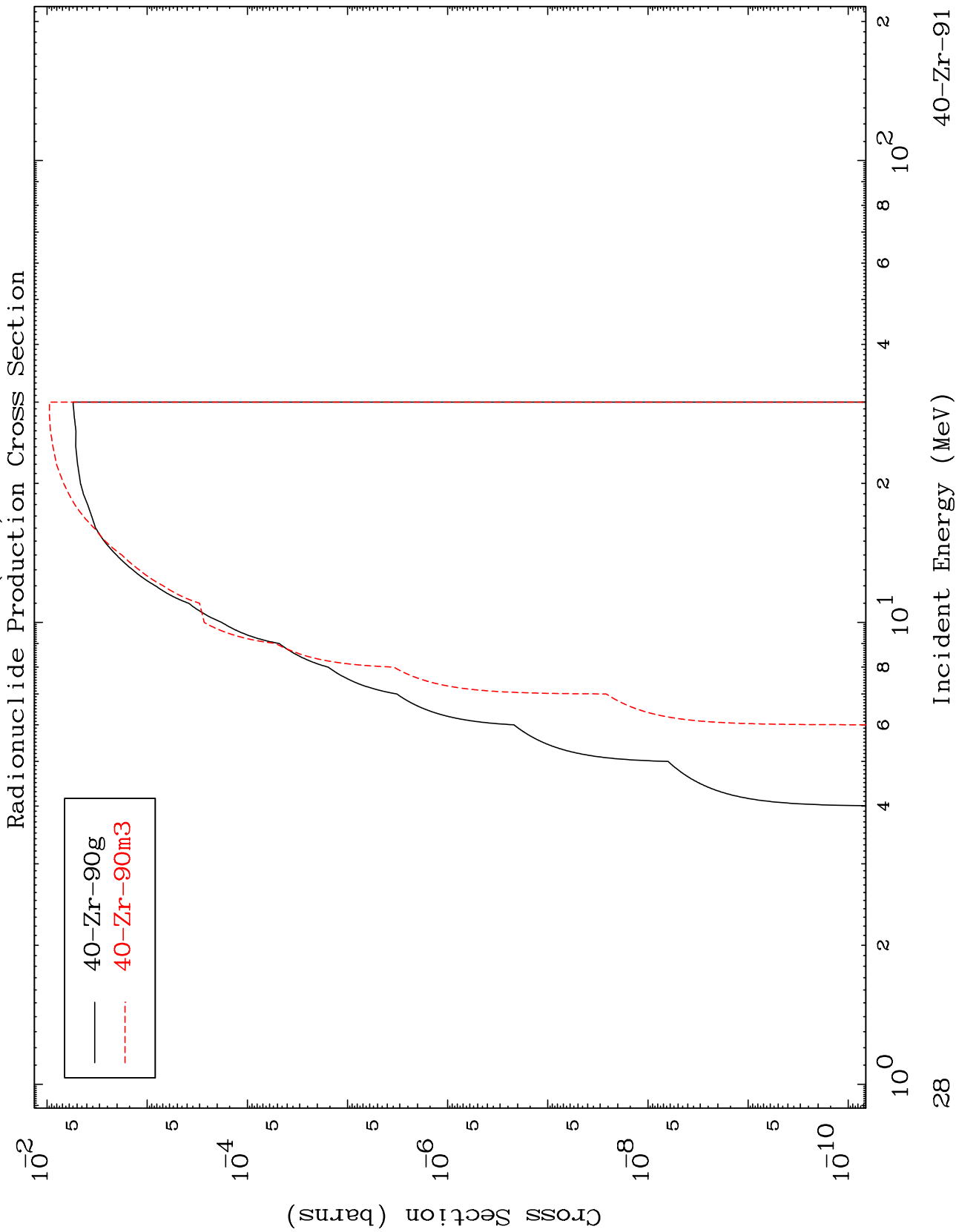
40-Zr-91

(n, γ)
Radionuclide Production Cross Section



MAT 4028

40-Zr-91



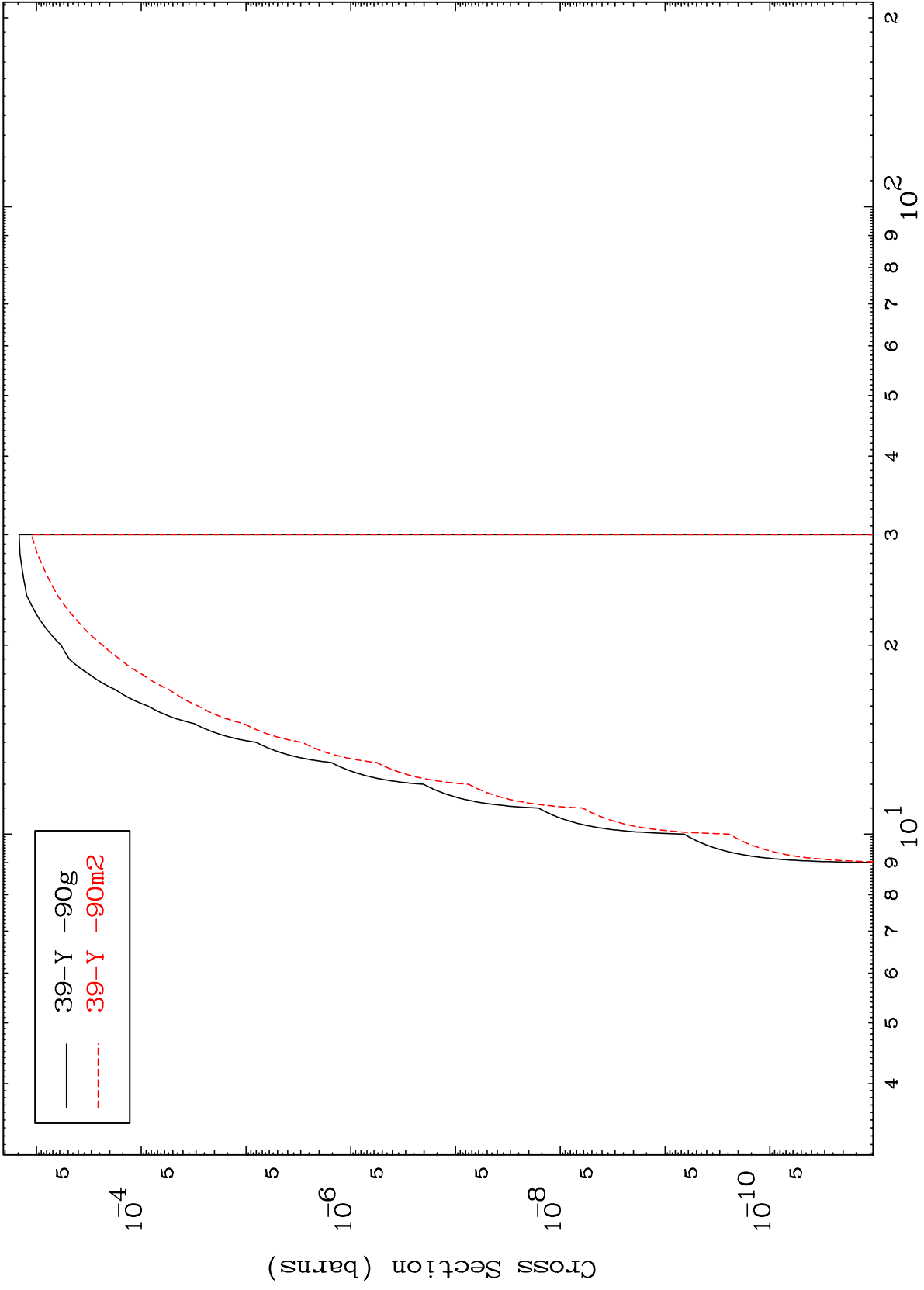
28

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(n,He-3)

40-Zr-91

Radionuclide Production Cross Section



29

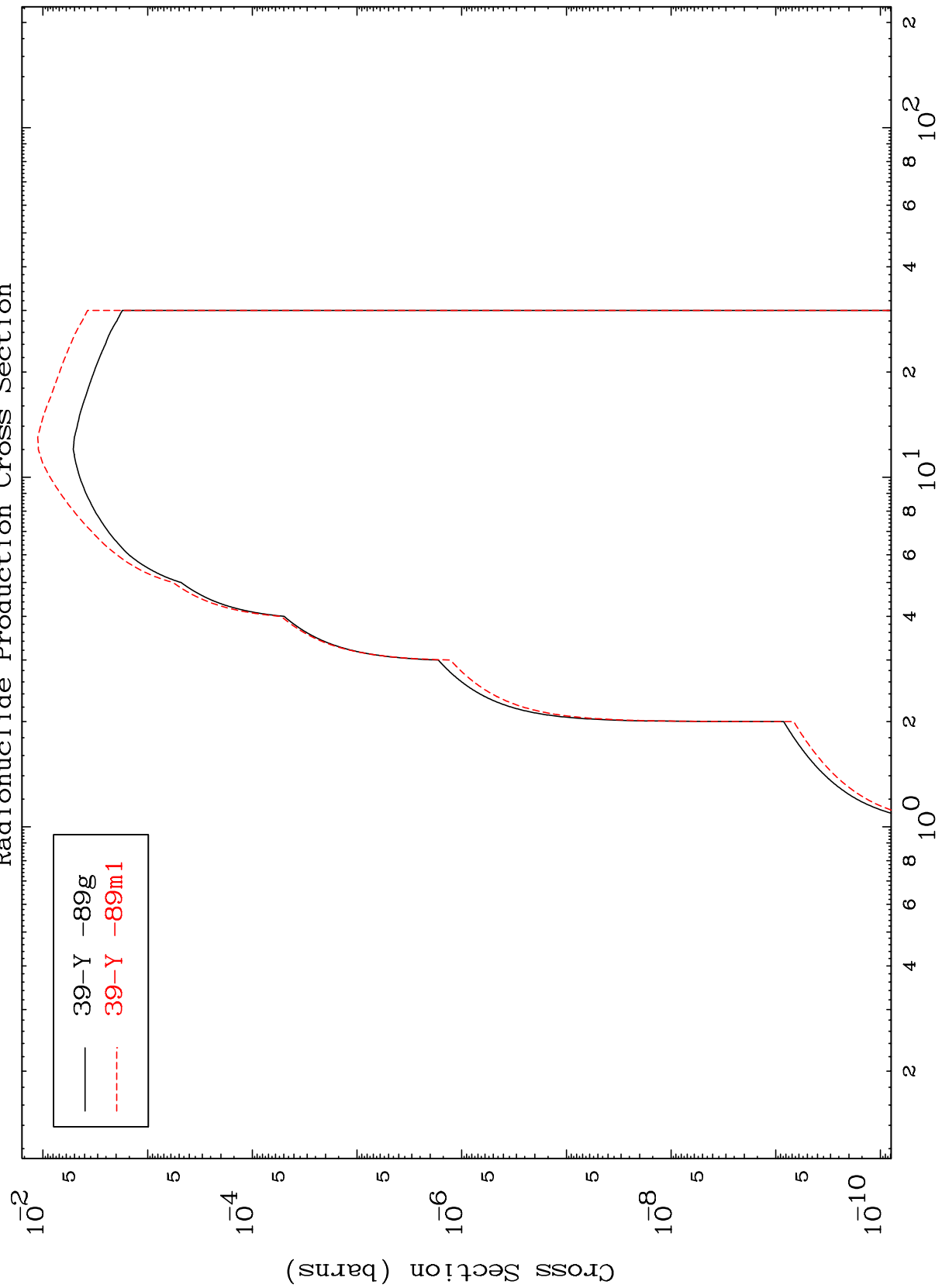
Incident Energy (MeV)

40-Zr-91

MAT 4028

40-Zr-91

(n, α)
Radionuclide Production Cross Section



30

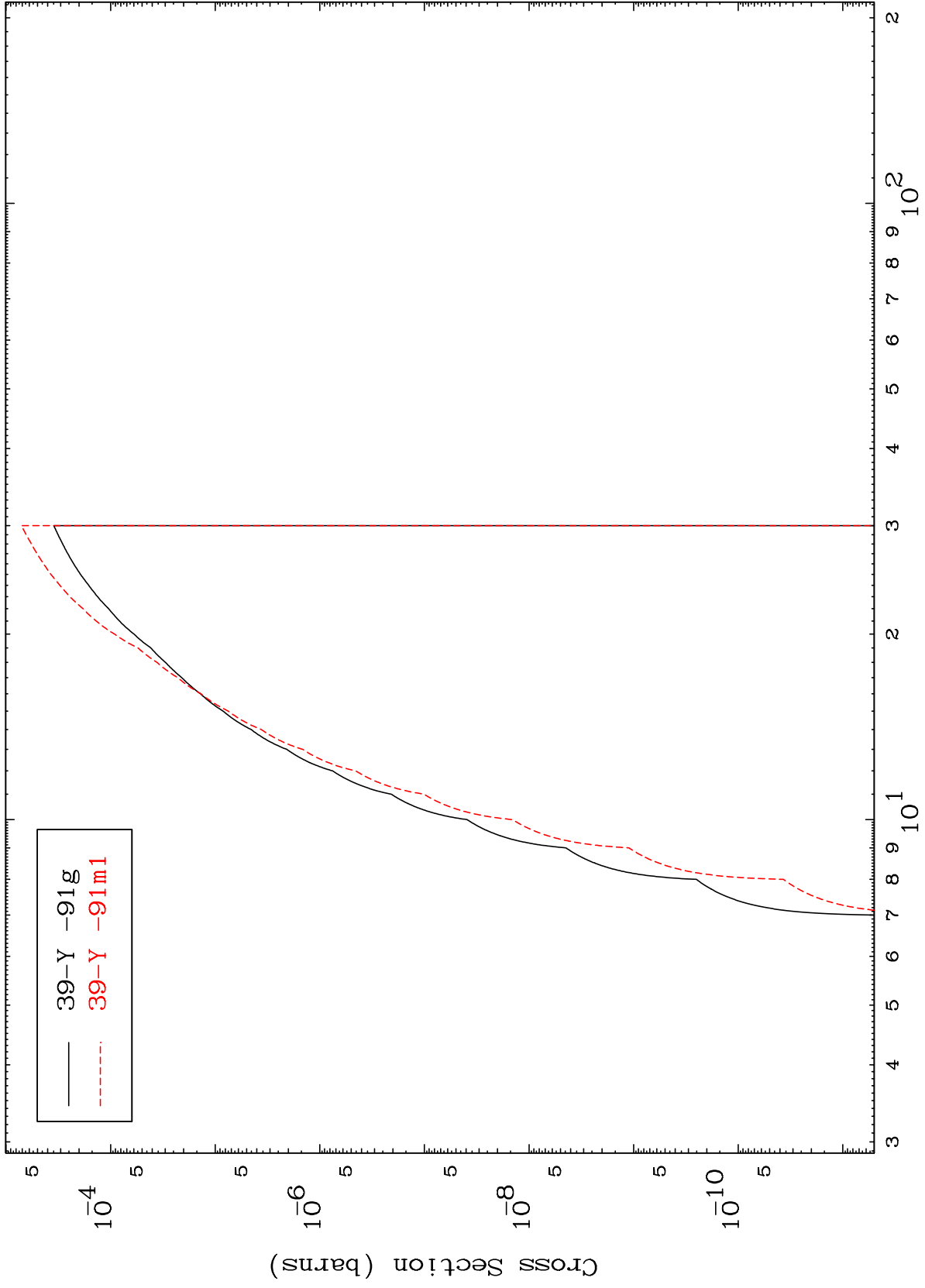
40-Zr-91

Incident Energy (MeV)

MAT 4028

40-Zr-91

(n,2p)
Radionuclide Production Cross Section



31

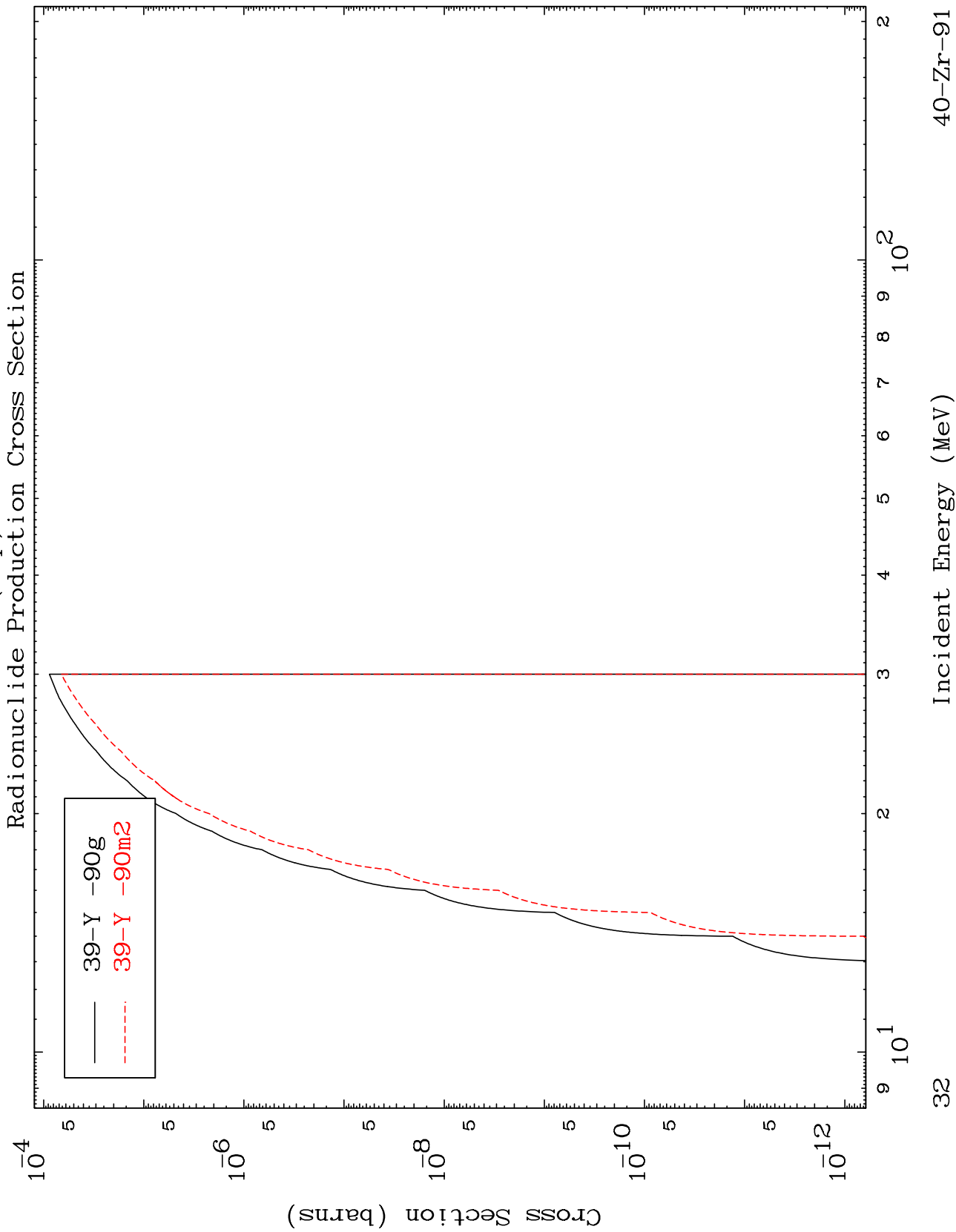
40-Zr-91

Incident Energy (MeV)

MAT 4028

(n,p) d

40-Zr-91

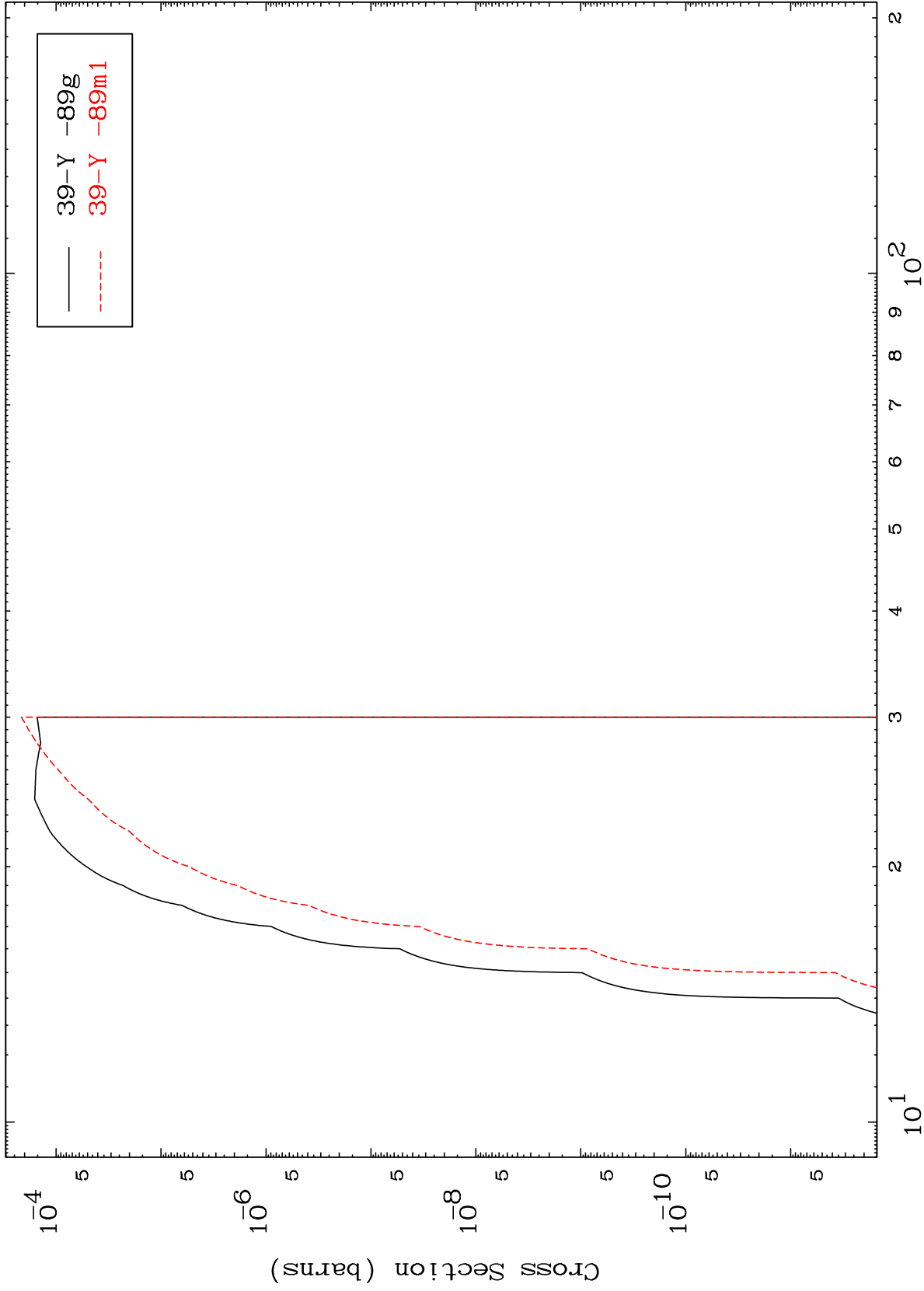


MAT 4028

(n,p) t

40-Zr-91

Radionuclide Production Cross Section



33

Incident Energy (MeV)

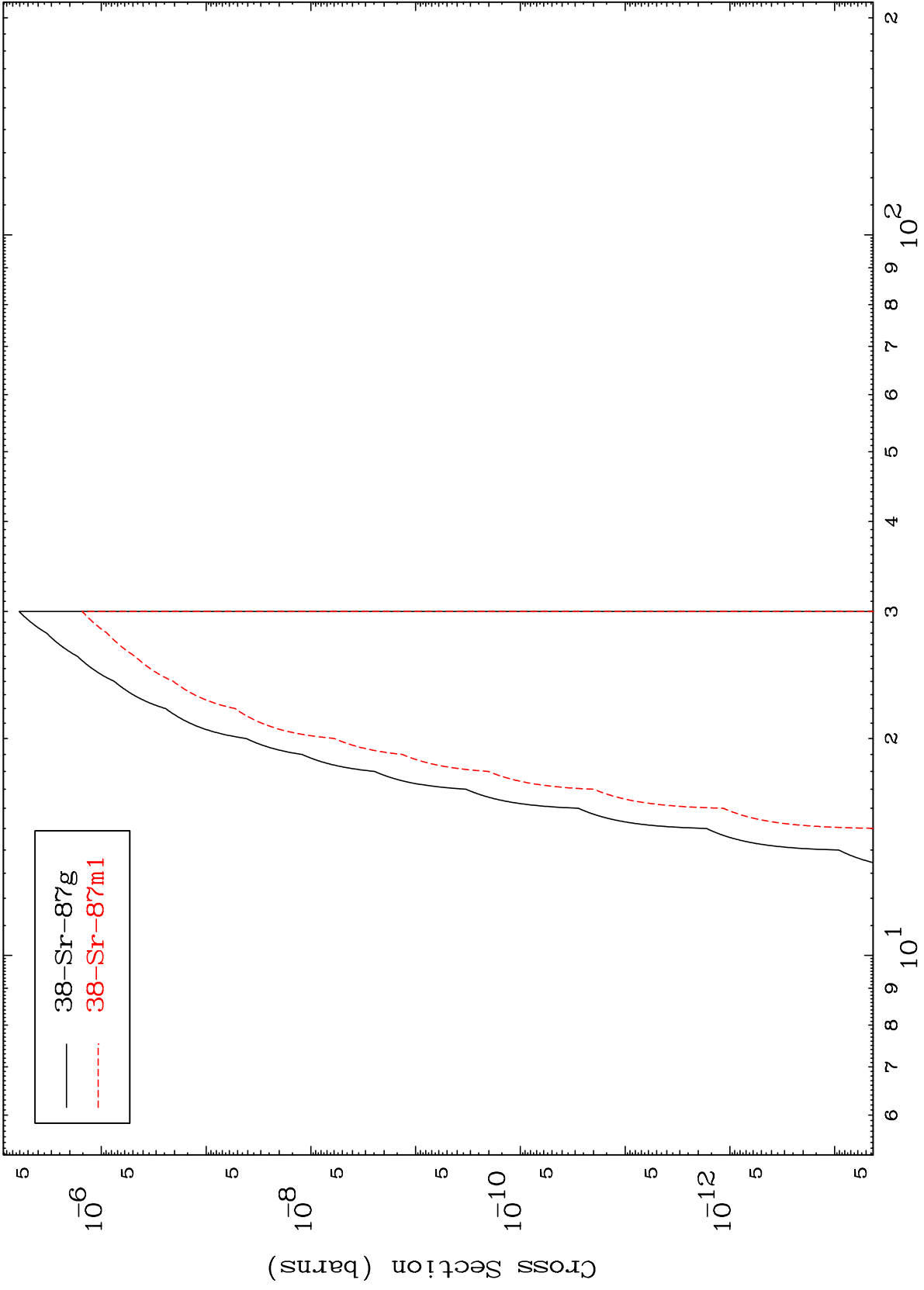
40-Zr-91

MAT 4028

(n,d) α

40-Zr-91

Radionuclide Production Cross Section



38-Sr-87g
38-Sr-87m1

34

Incident Energy (MeV)

40-Zr-91