

Program EVALPLOT
(Version 2021-1)

by

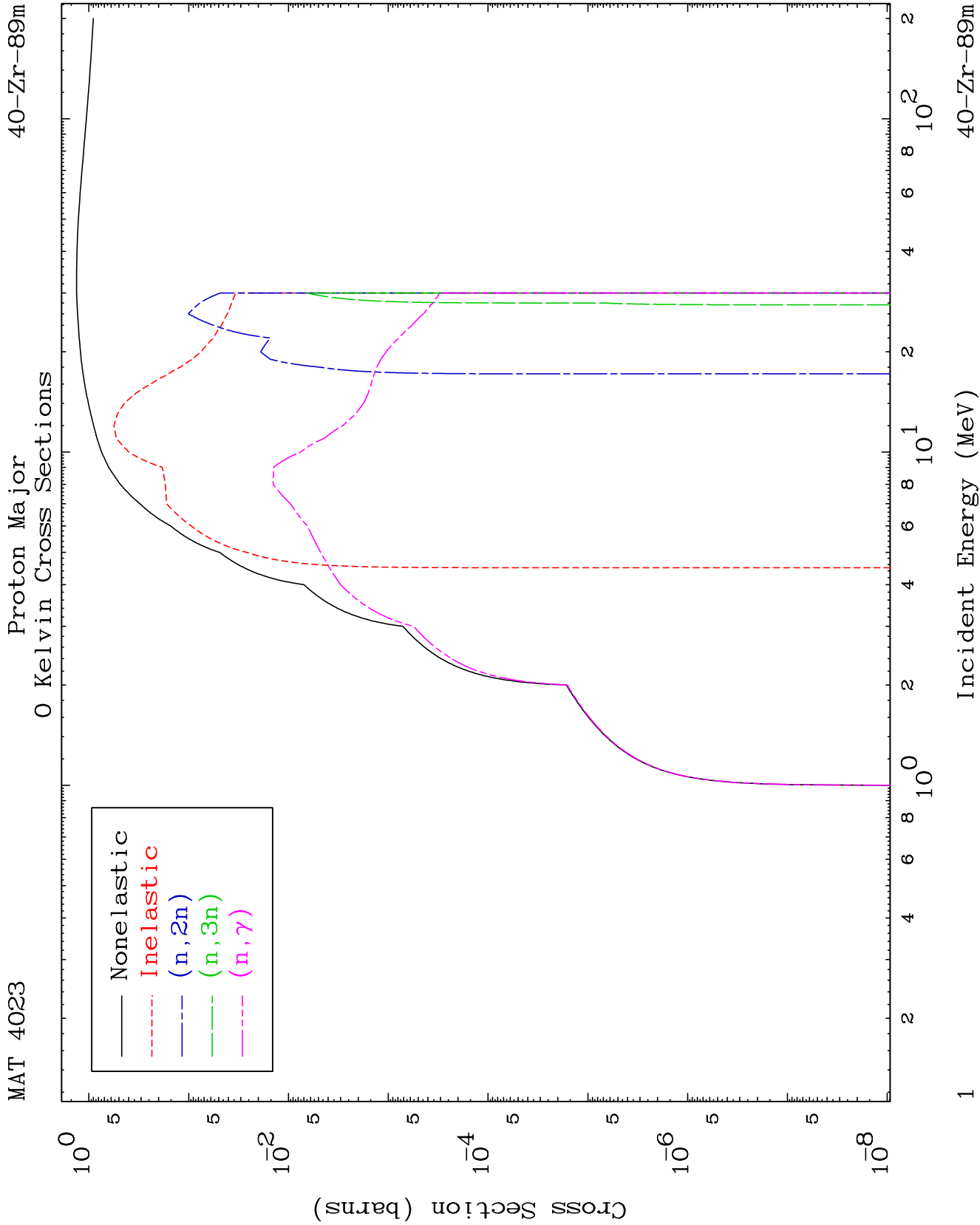
Dermott E. Cullen
(Present Contact Information)

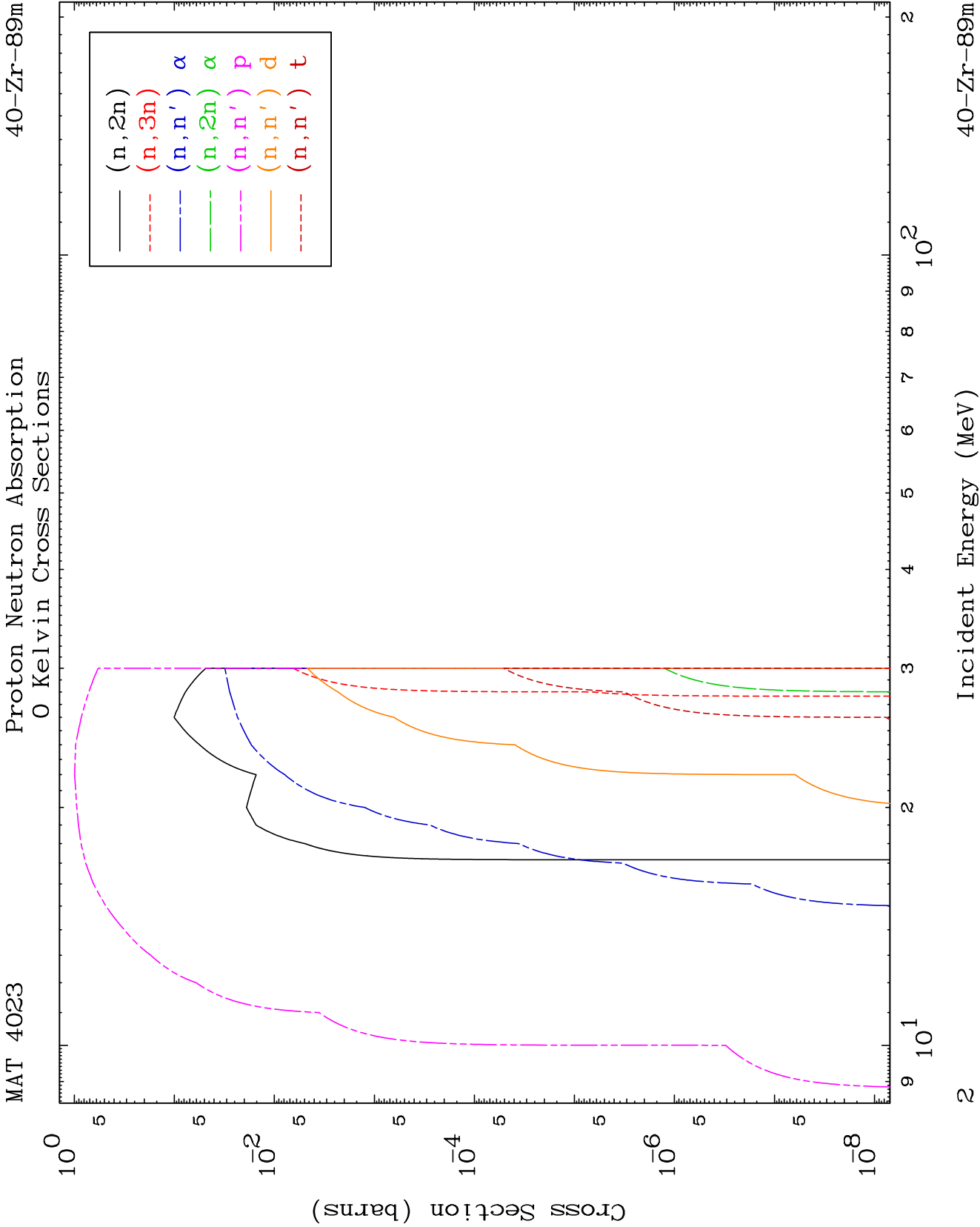
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

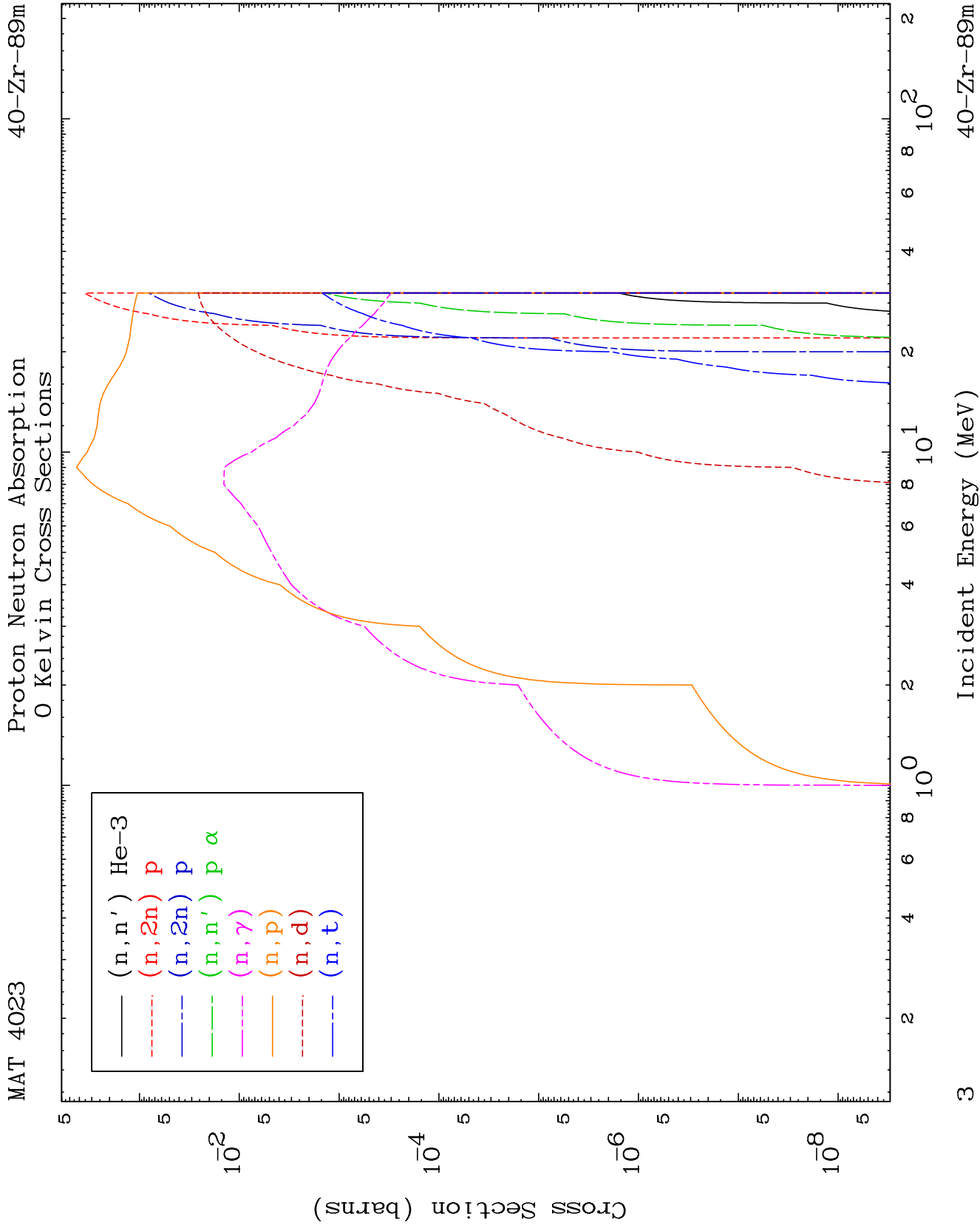
Tele: 925-443-1911

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Press Mouse Button to Start



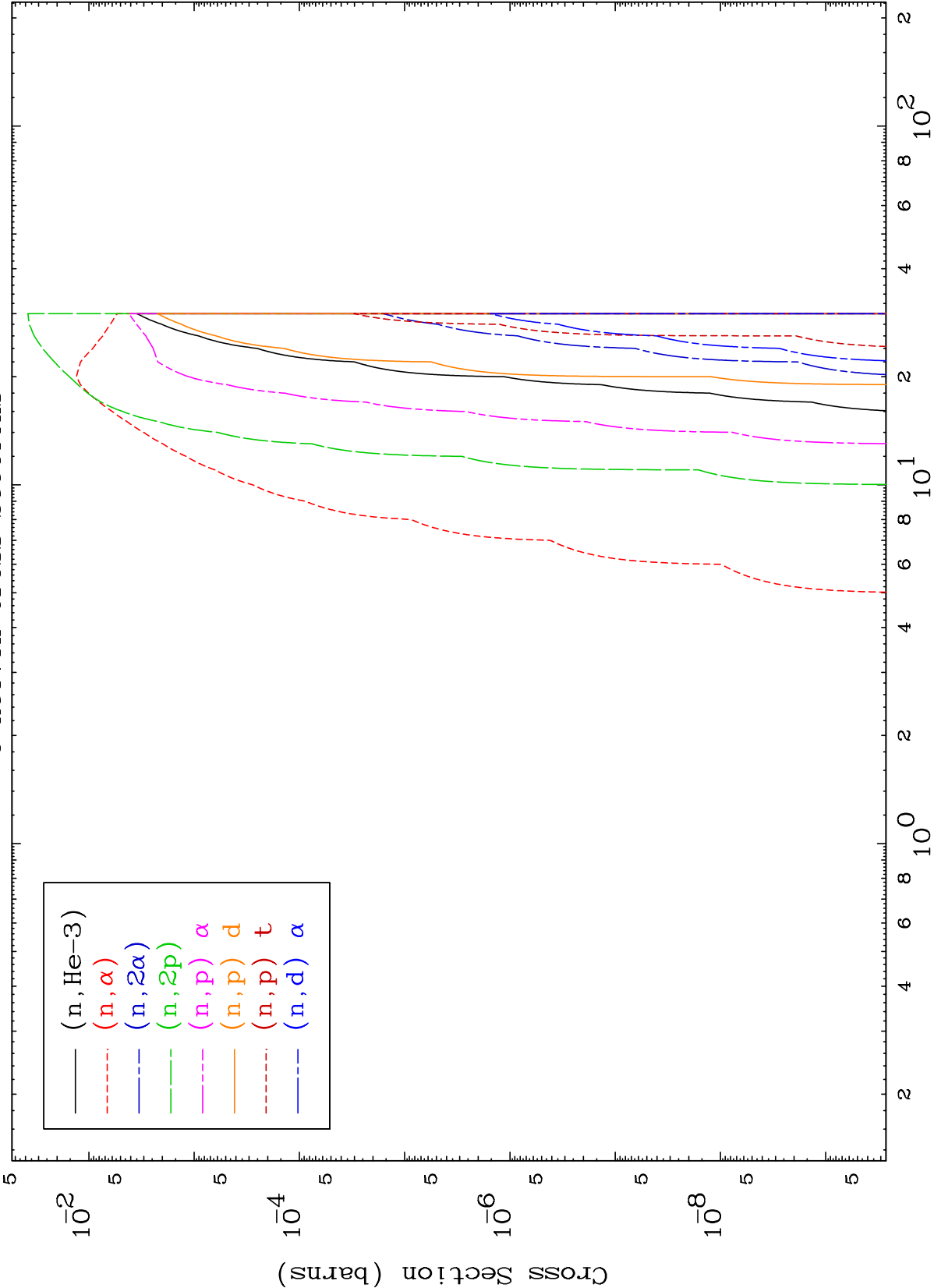


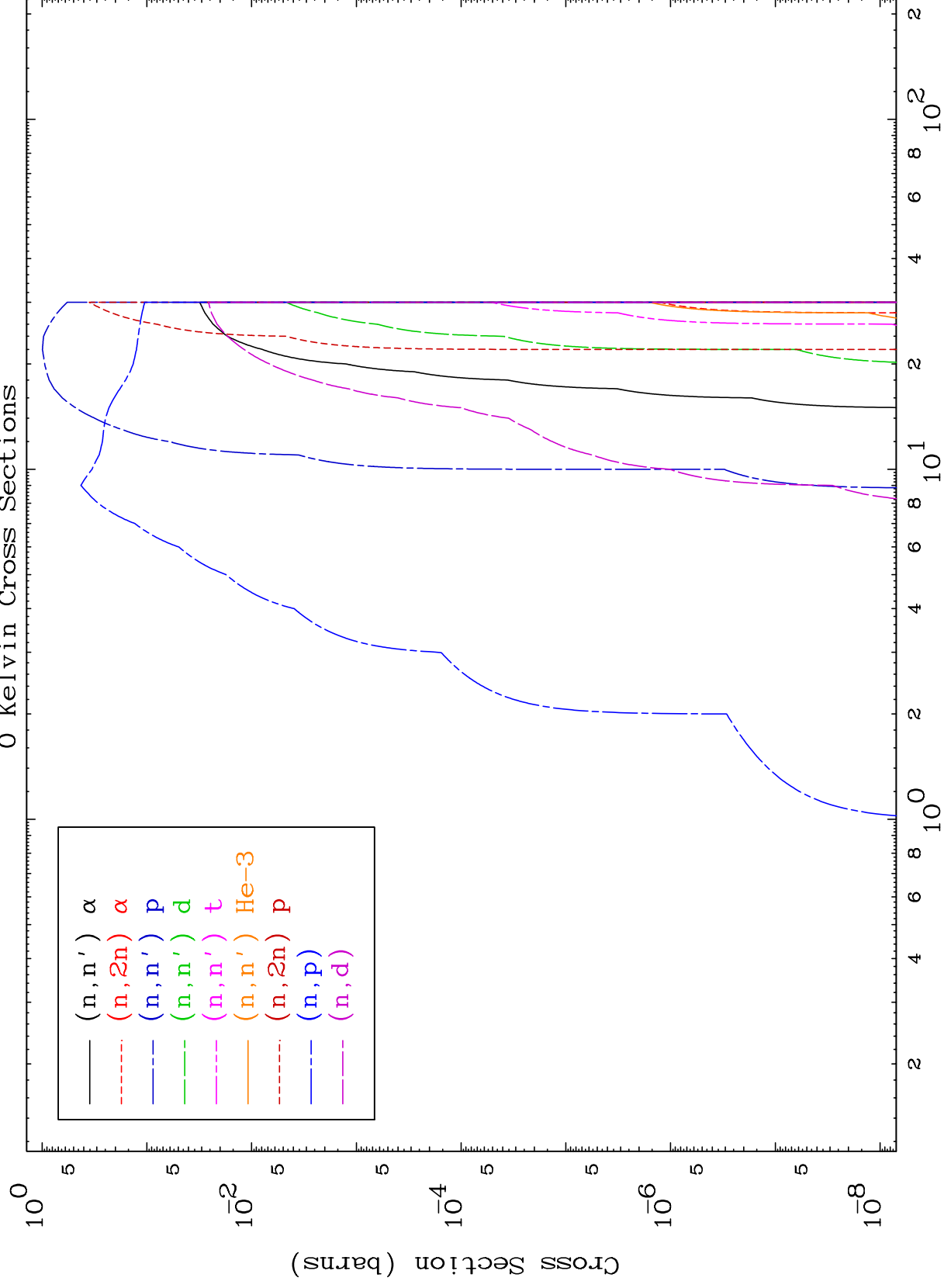


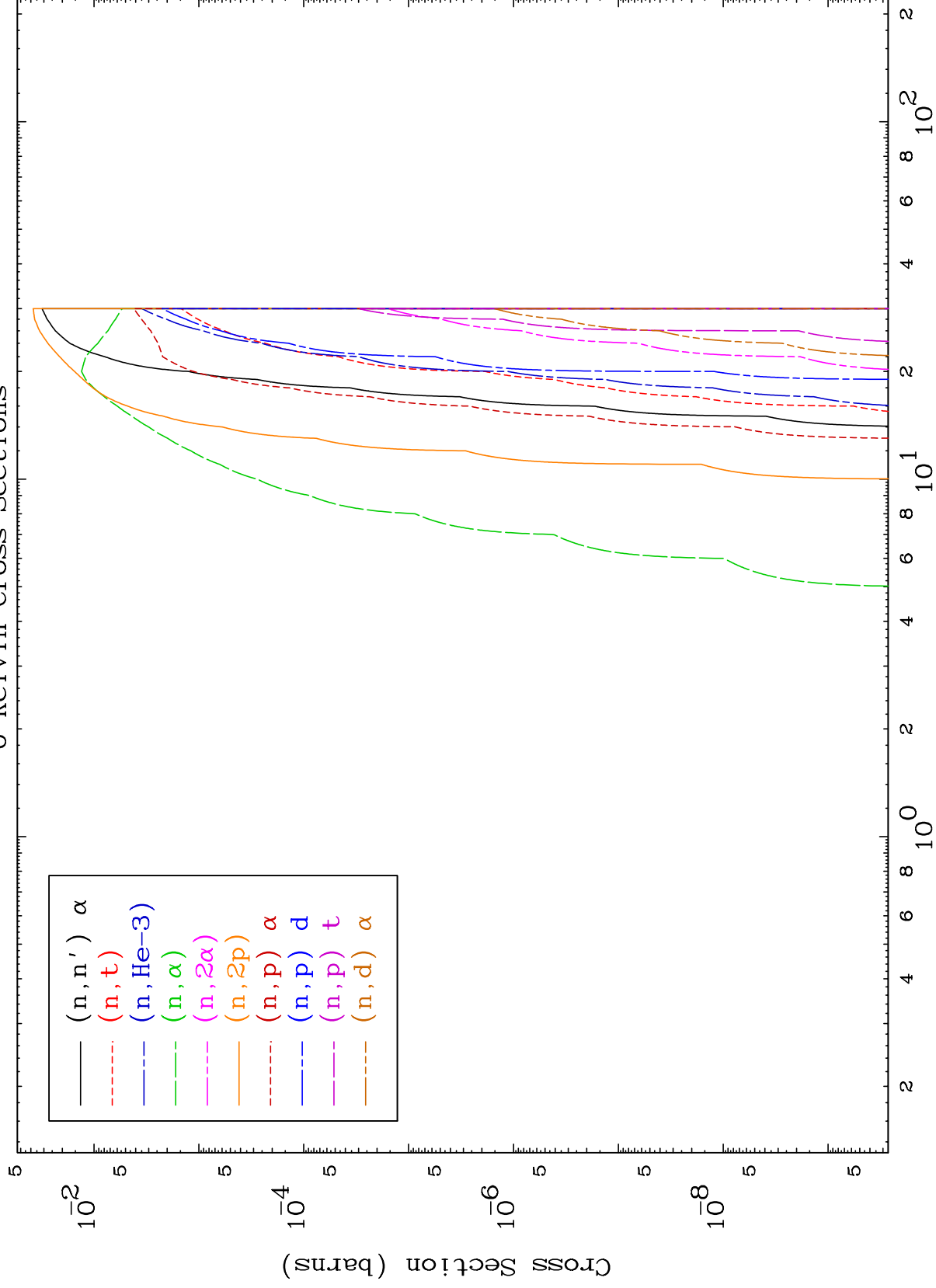
MAT 4023

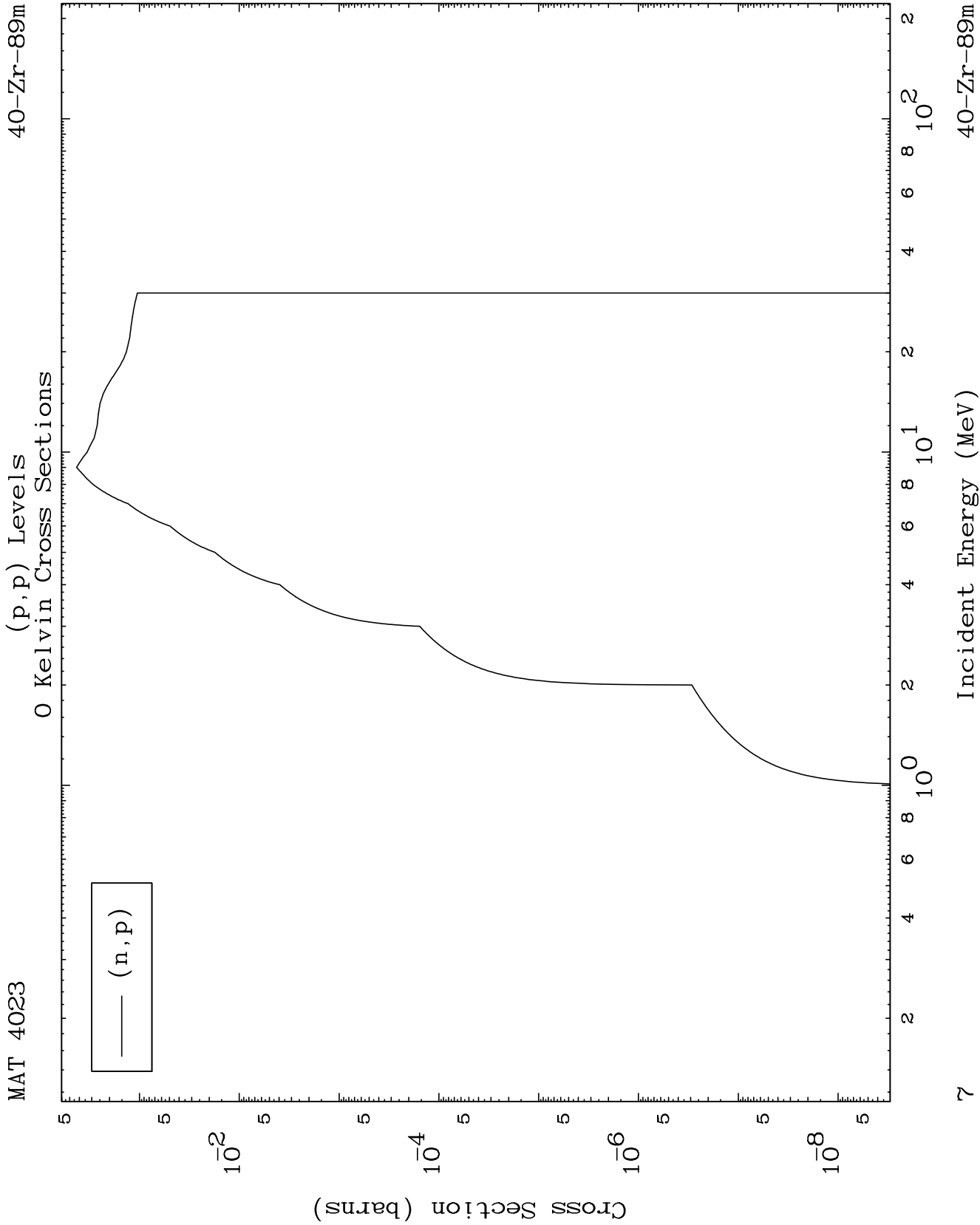
Proton Neutron Absorption
0 Kelvin Cross Sections

40-Zr-89m





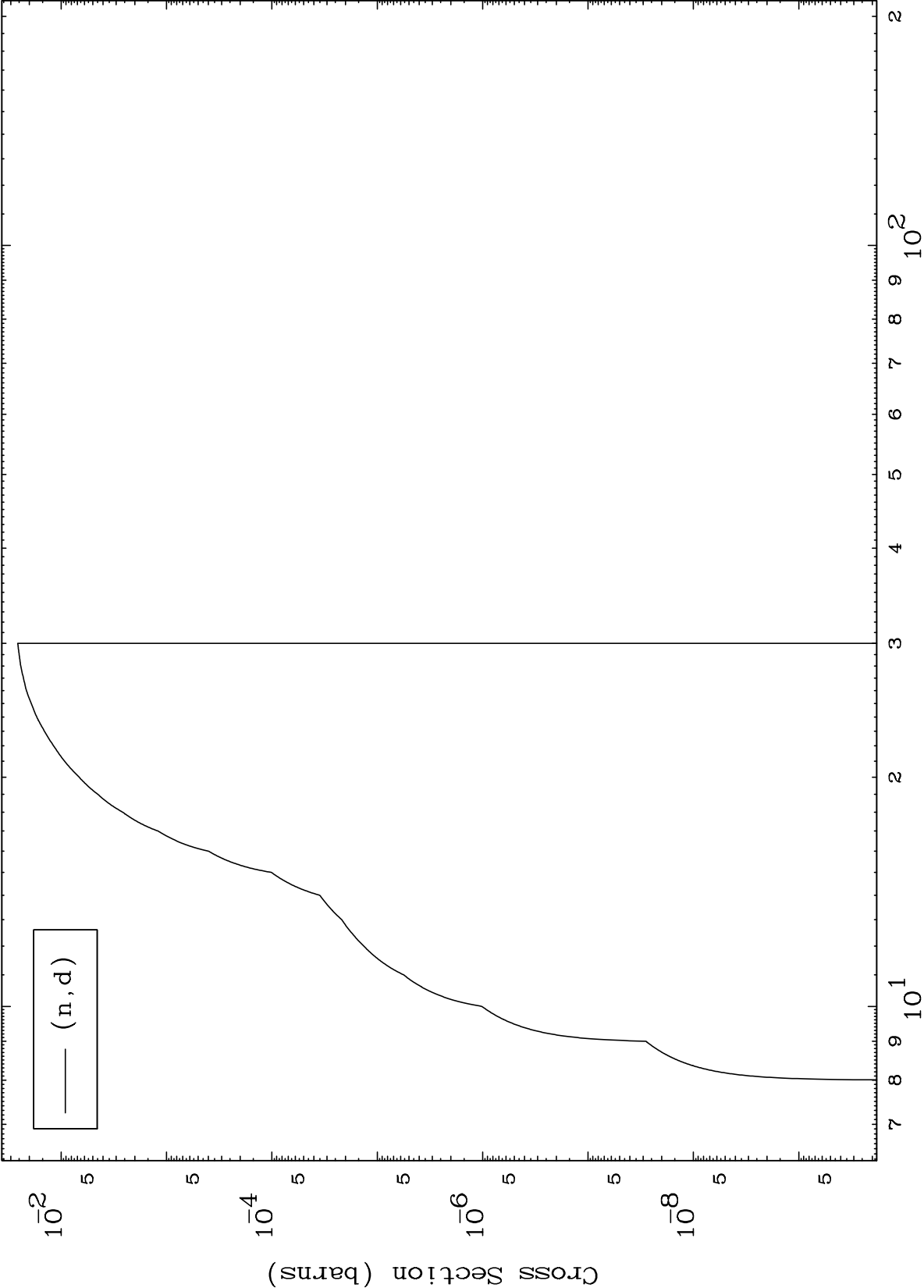




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(p,d) Levels
0 Kelvin Cross Sections

40-Zr-89m



8

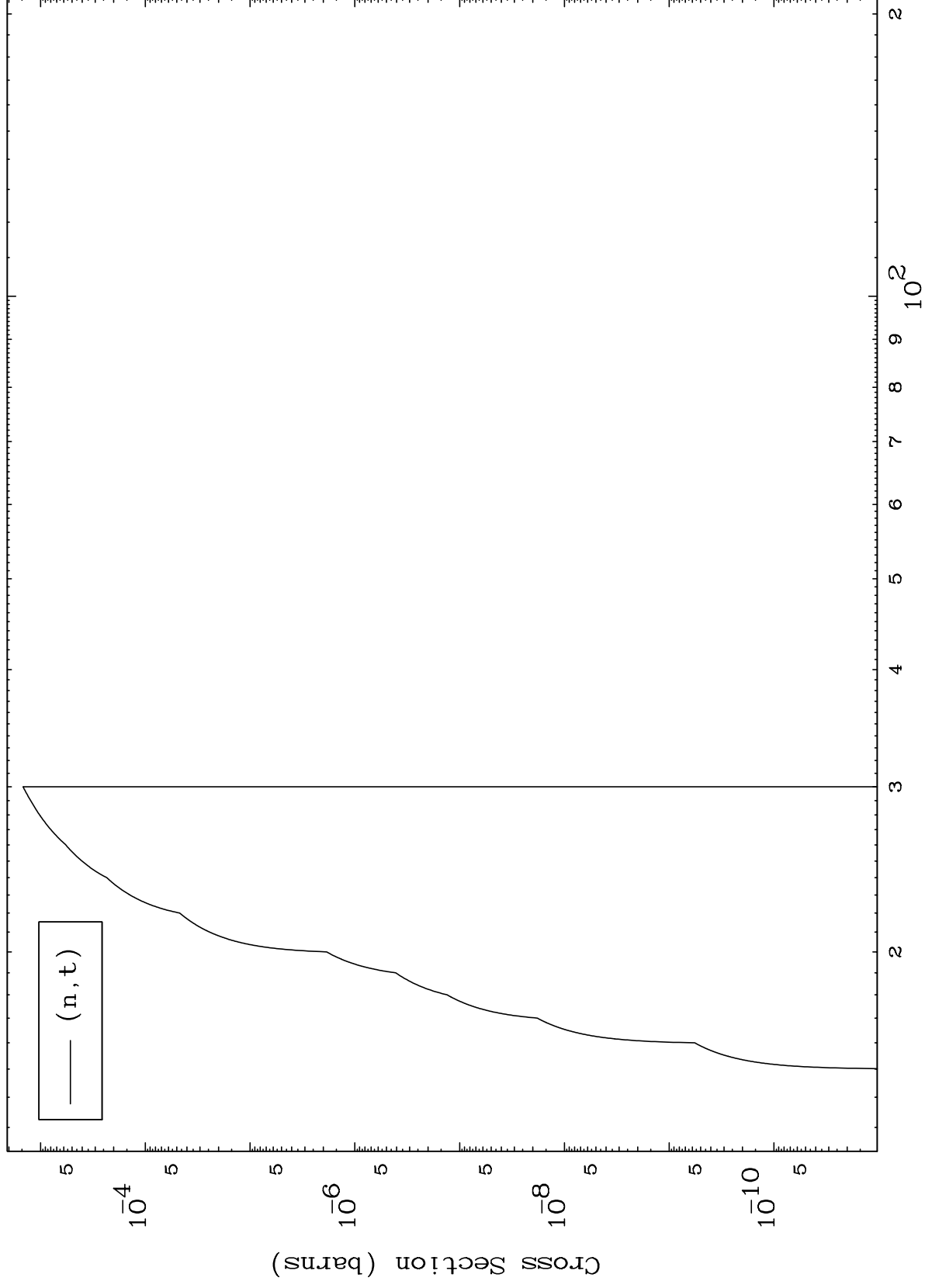
Incident Energy (MeV)

40-Zr-89m

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40-Zr-89m

(p,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

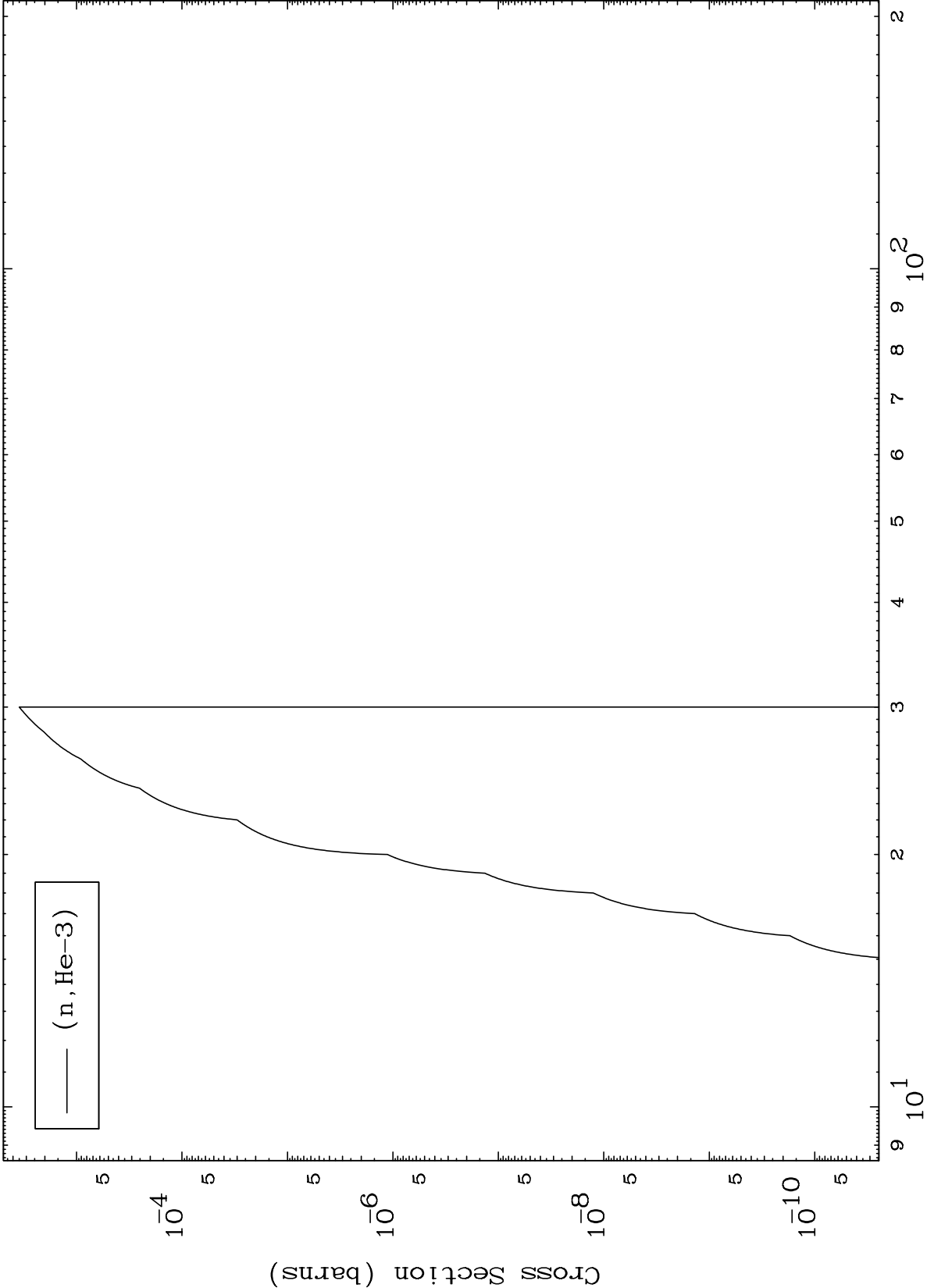
40-Zr-89m

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(p,He3) Levels

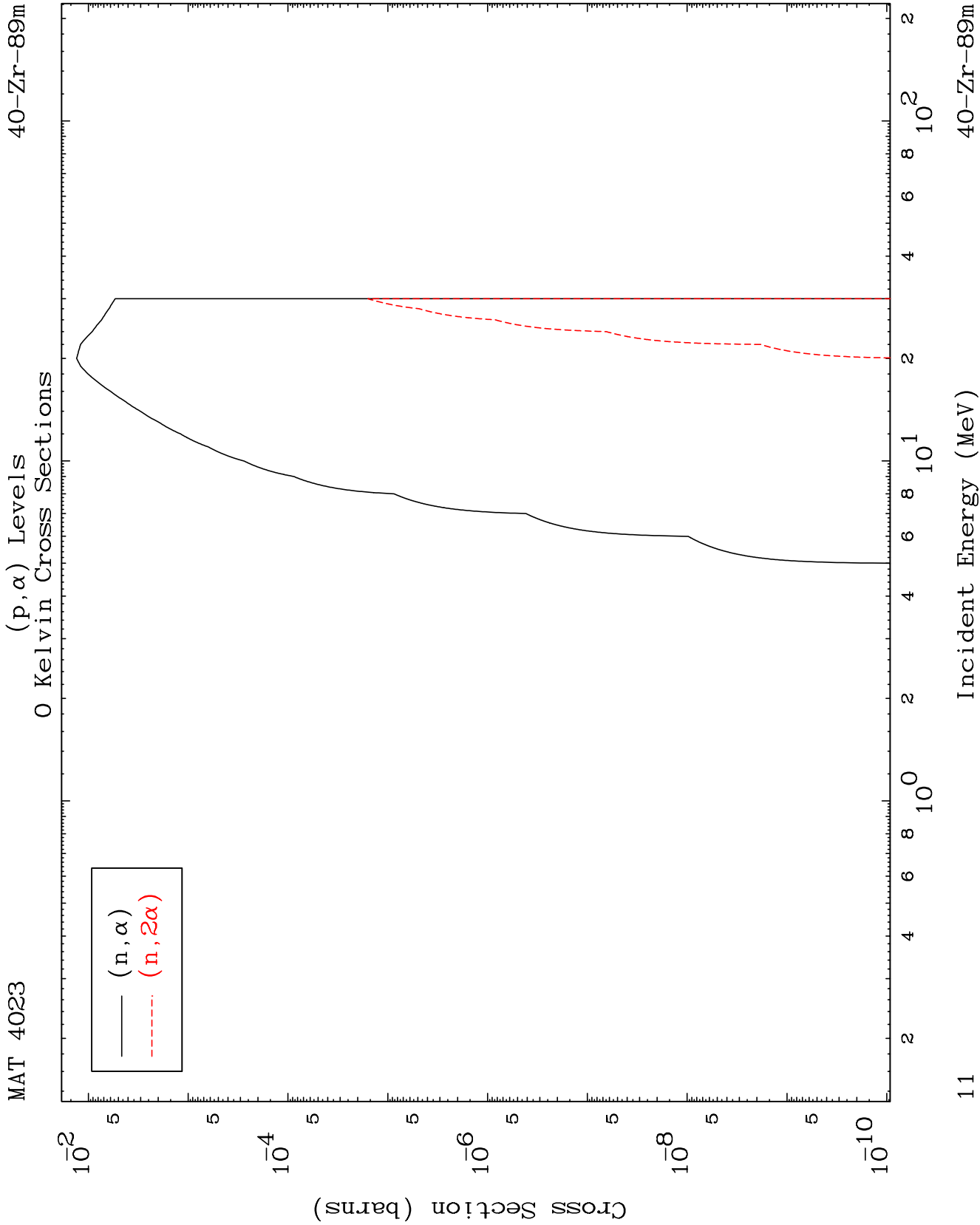
40-Zr-89m

0 Kelvin Cross Sections



Incident Energy (MeV)

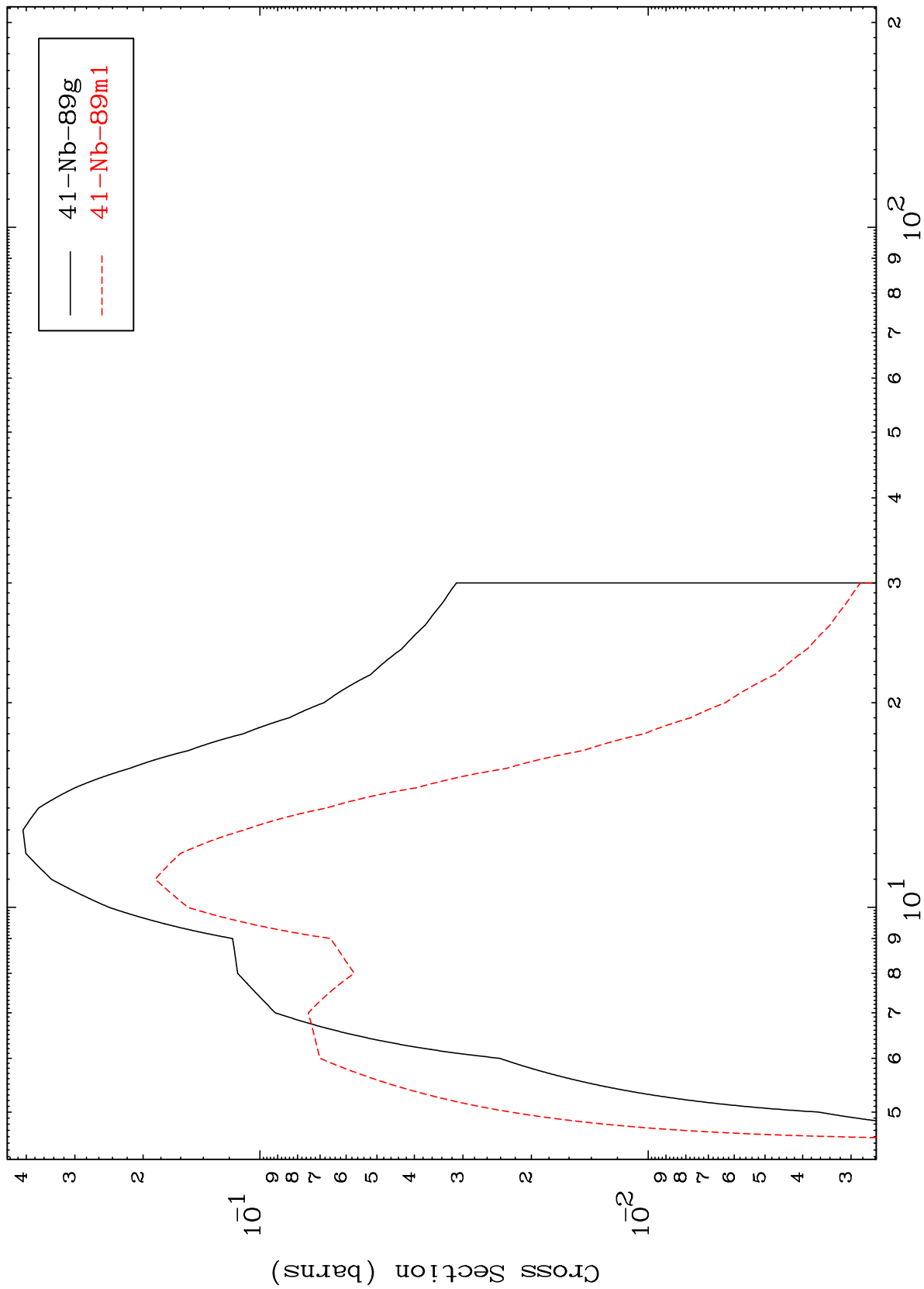
40-Zr-89m



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40-Zr-89m

Inelastic
Radionuclide Production Cross Section



40-Zr-89m

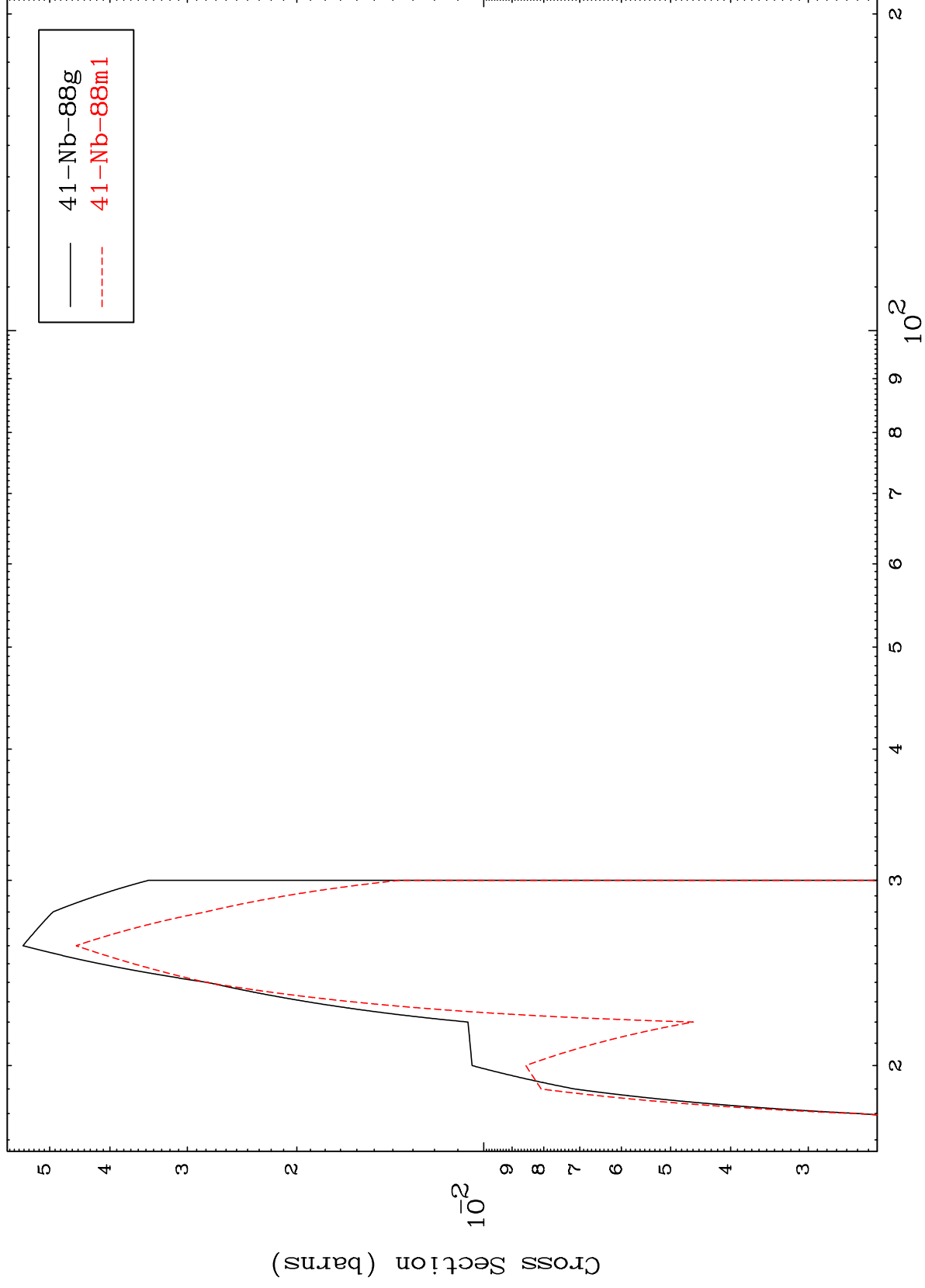
Incident Energy (MeV)

12

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40-Zr-89m

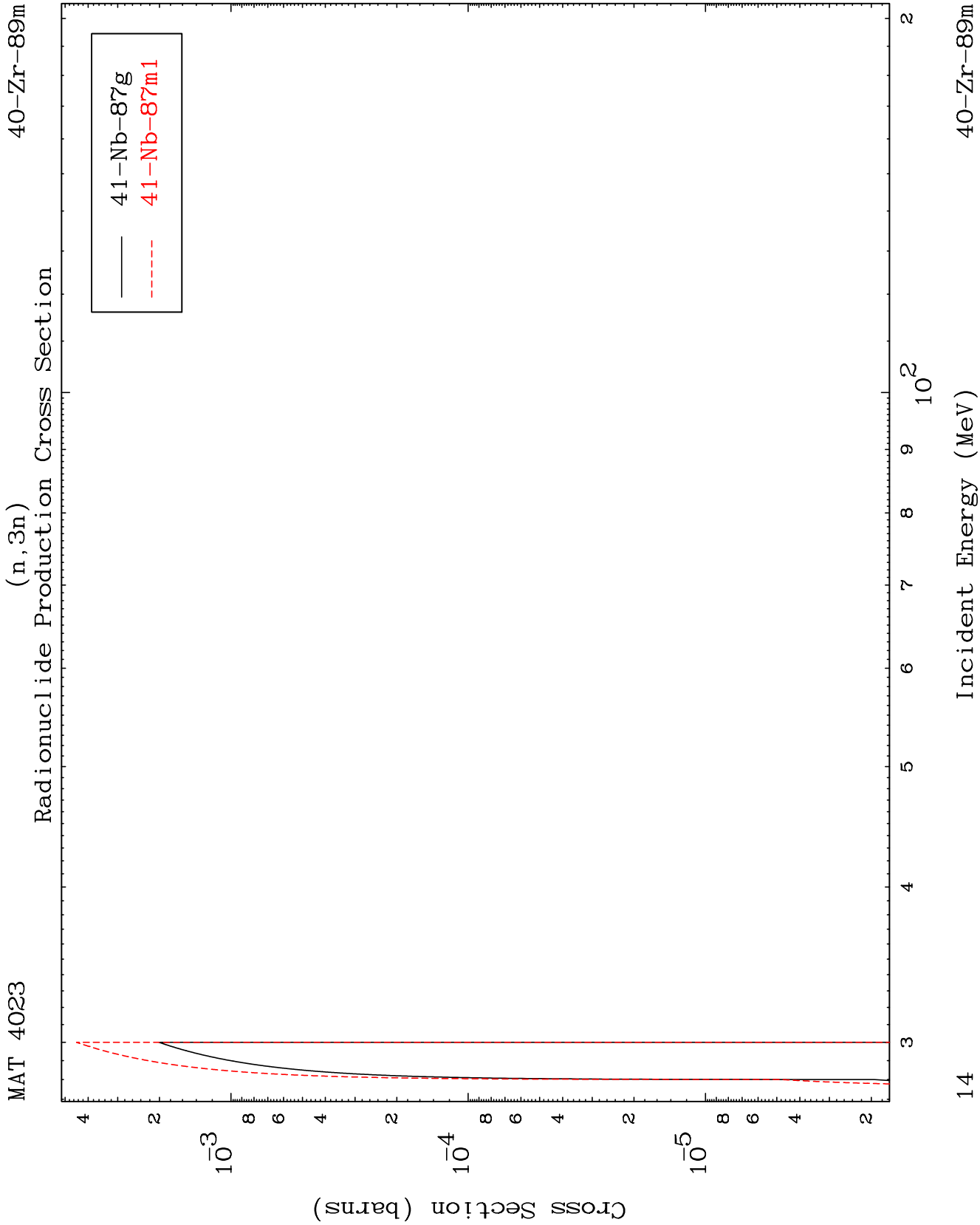
(n,2n)
Radionuclide Production Cross Section

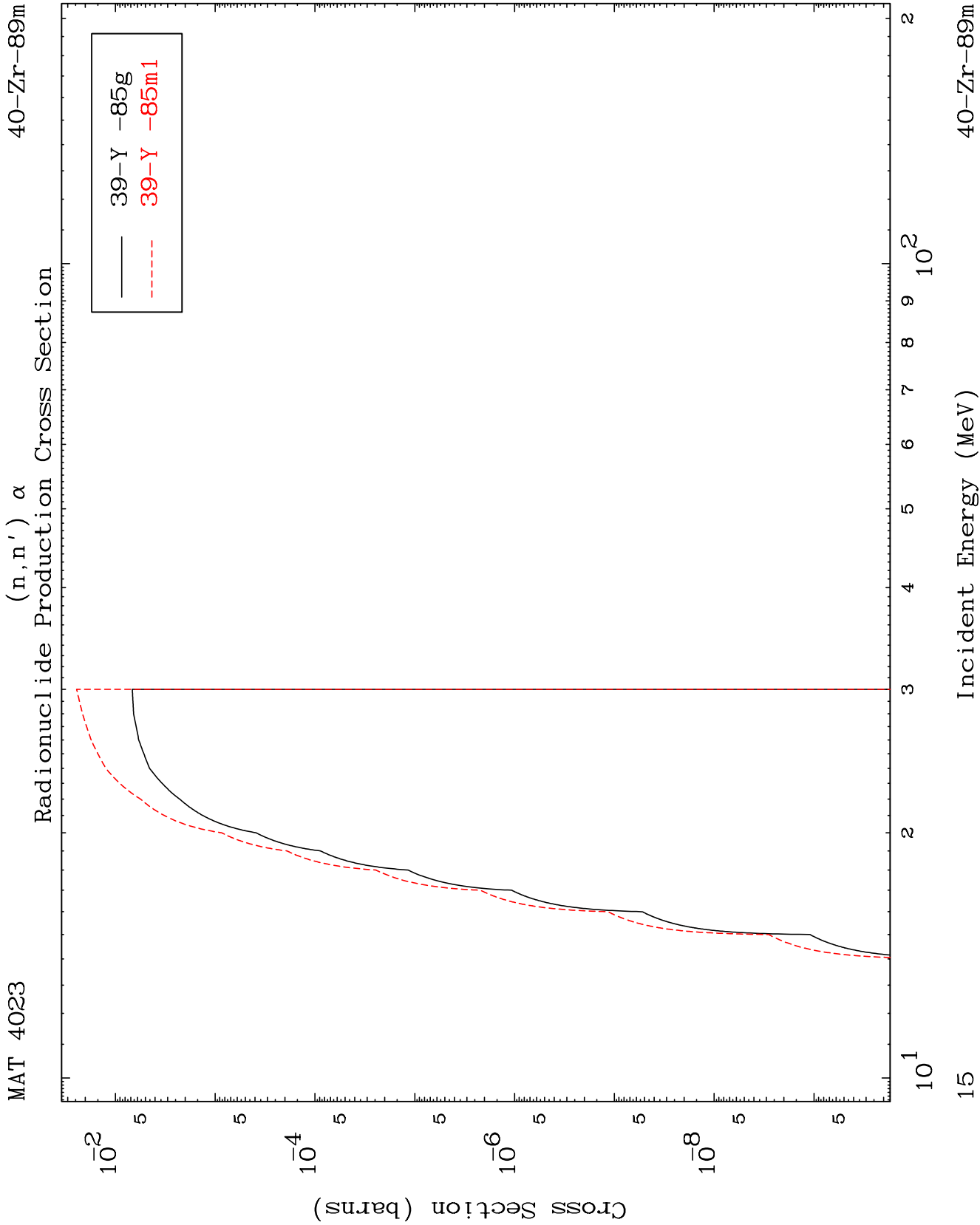


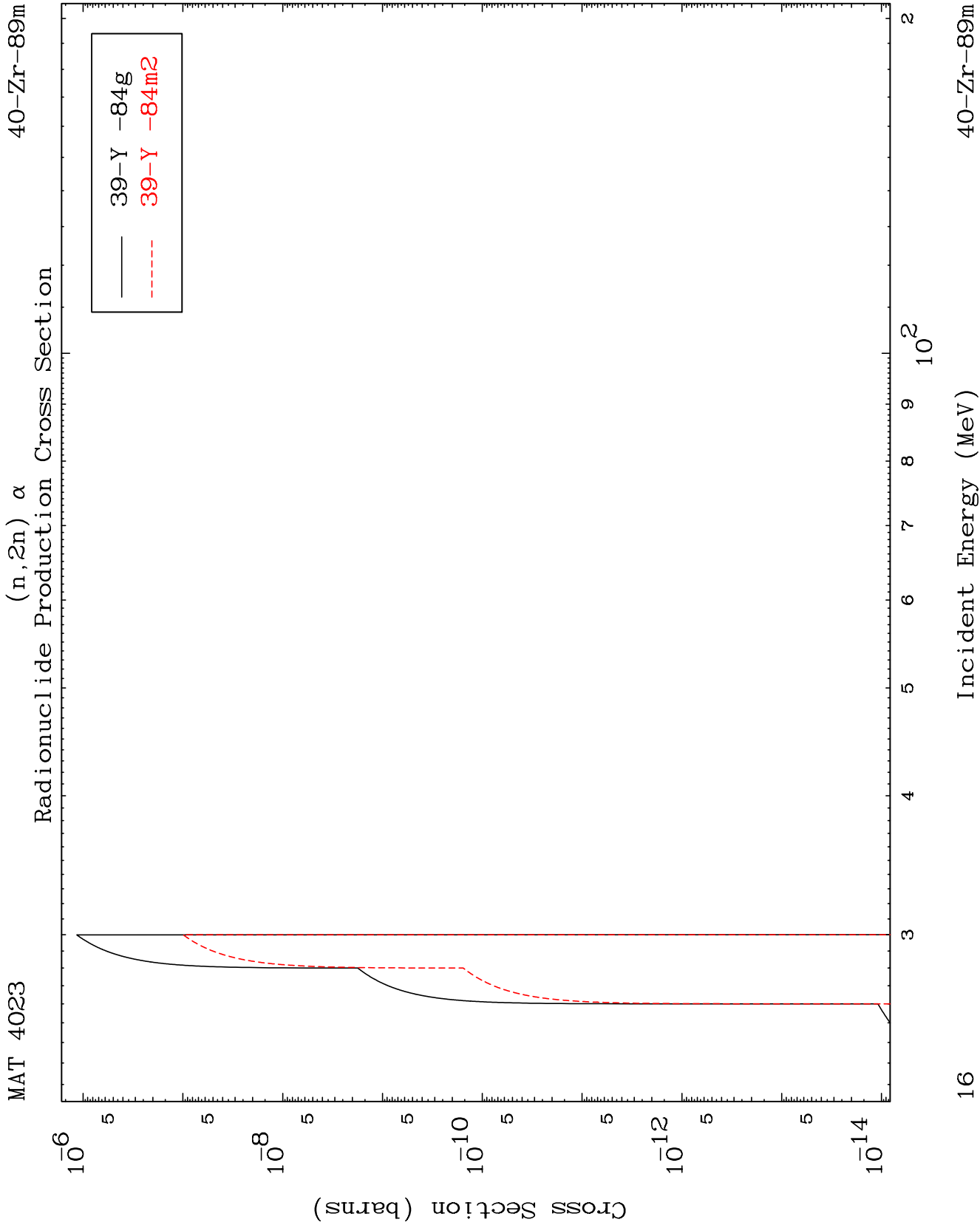
13

Incident Energy (MeV)

40-Zr-89m



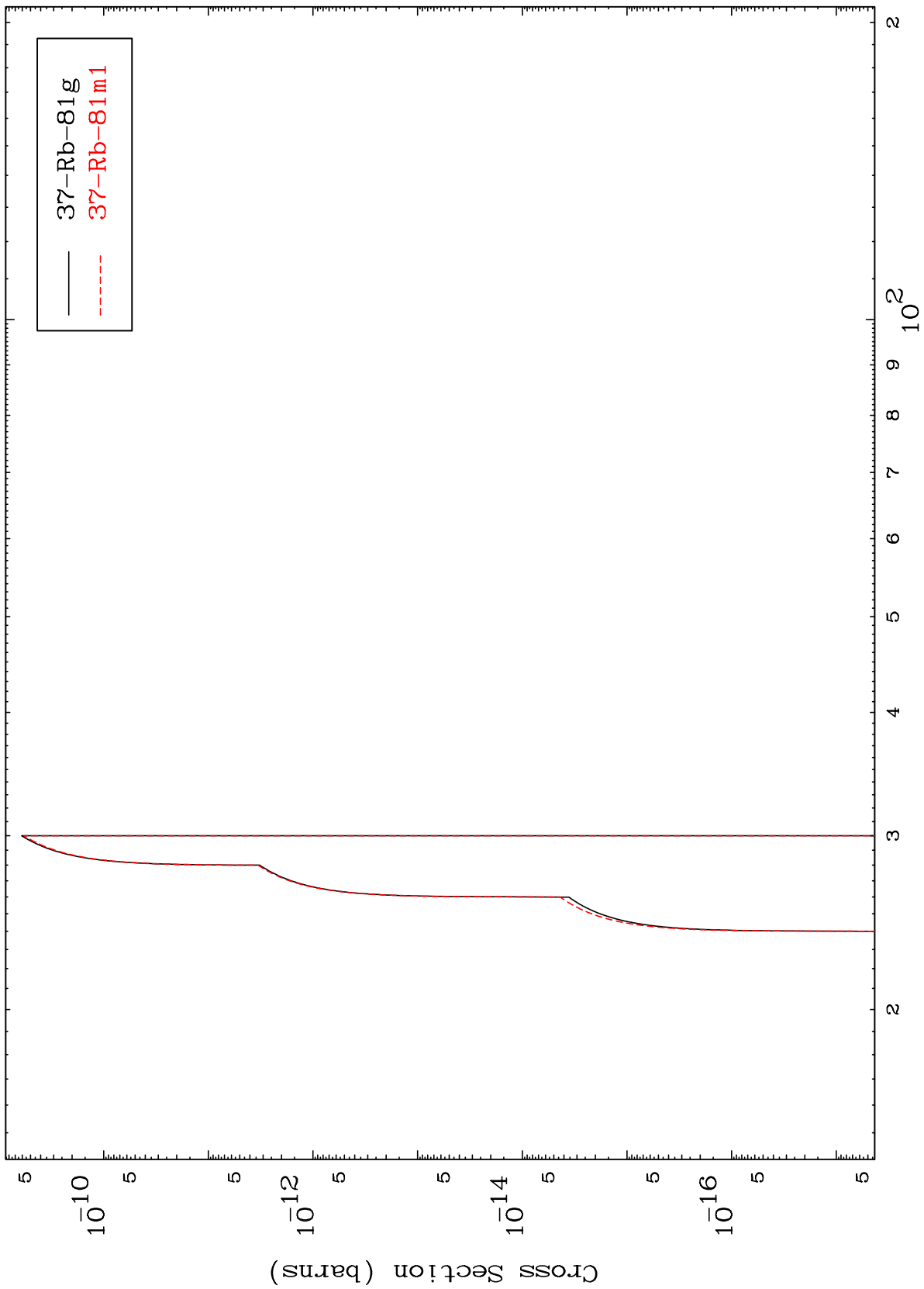




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40-Zr-89m

(n,n') 2α
Radionuclide Production Cross Section

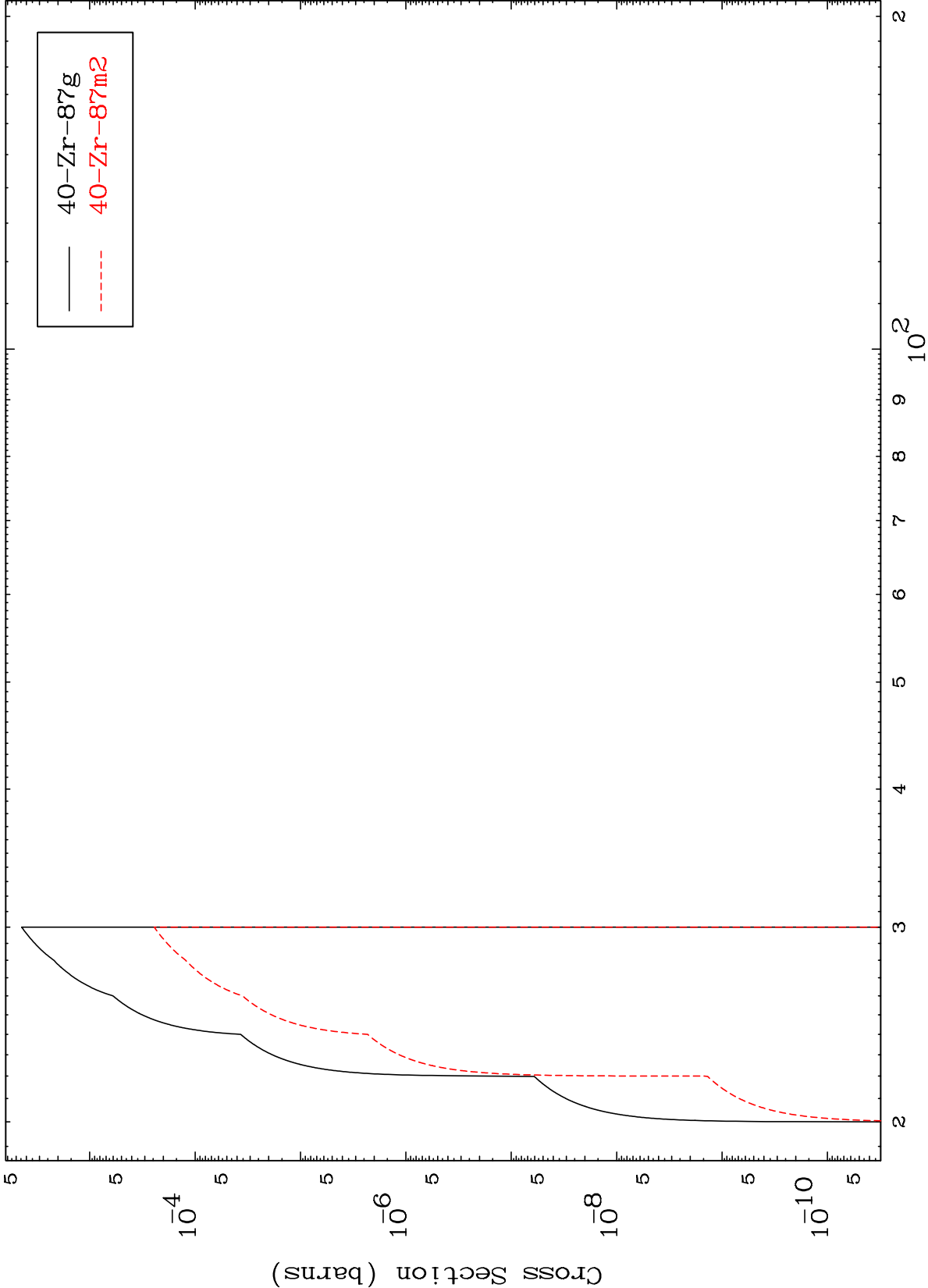


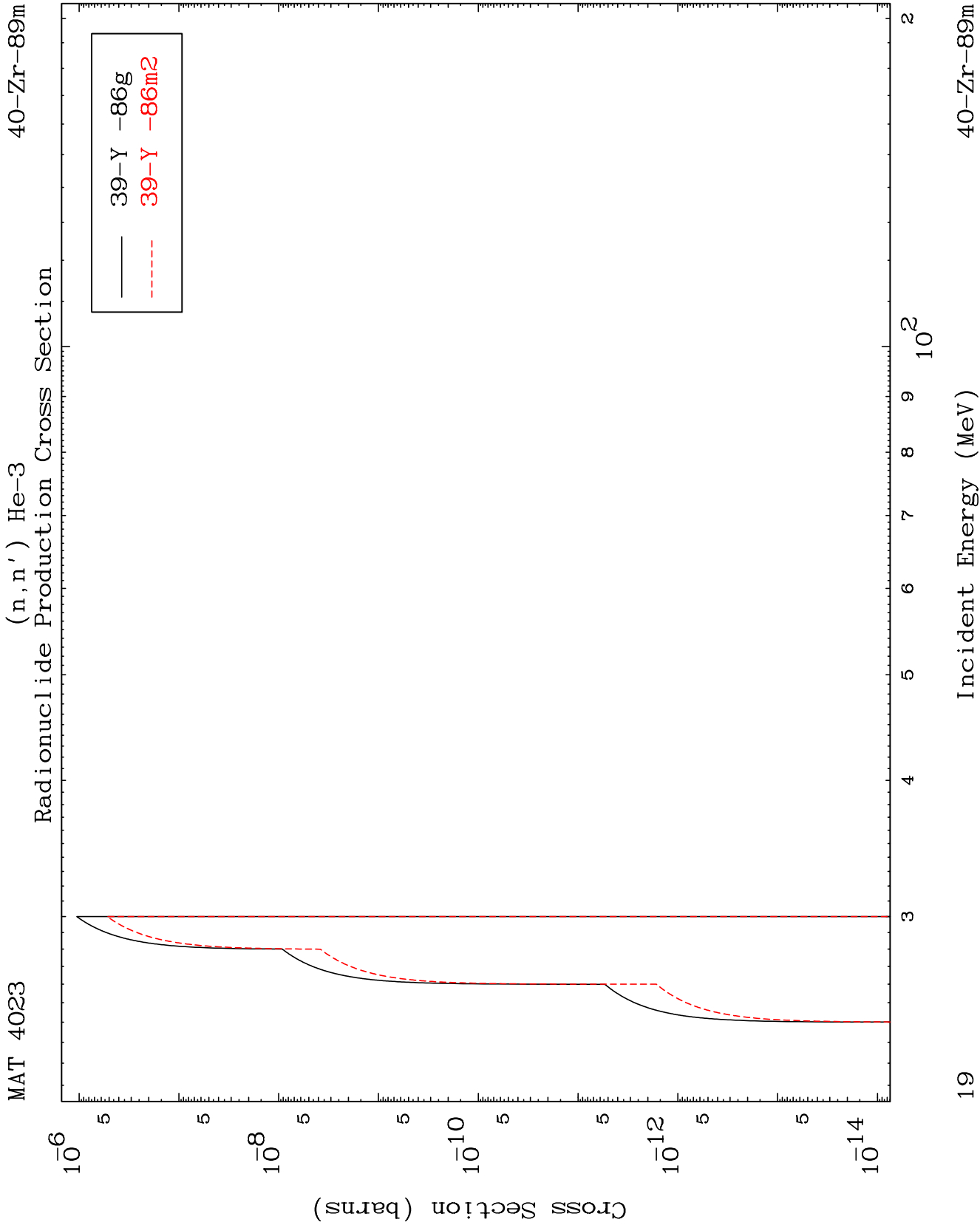
17

Incident Energy (MeV)

40-Zr-89m

(n,n') d
Radionuclide Production Cross Section

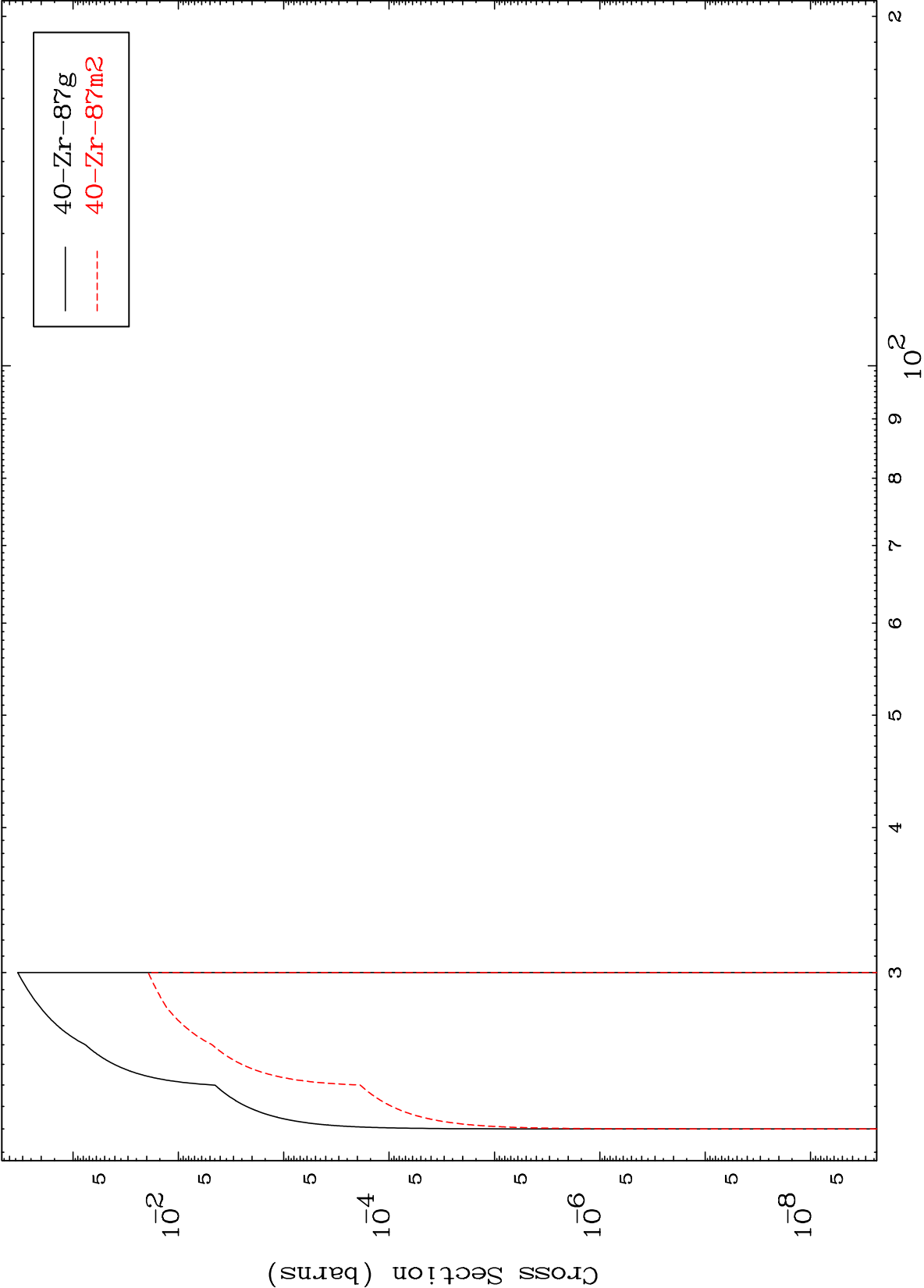




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40-Zr-89m

(n,2n) p
Radionuclide Production Cross Section

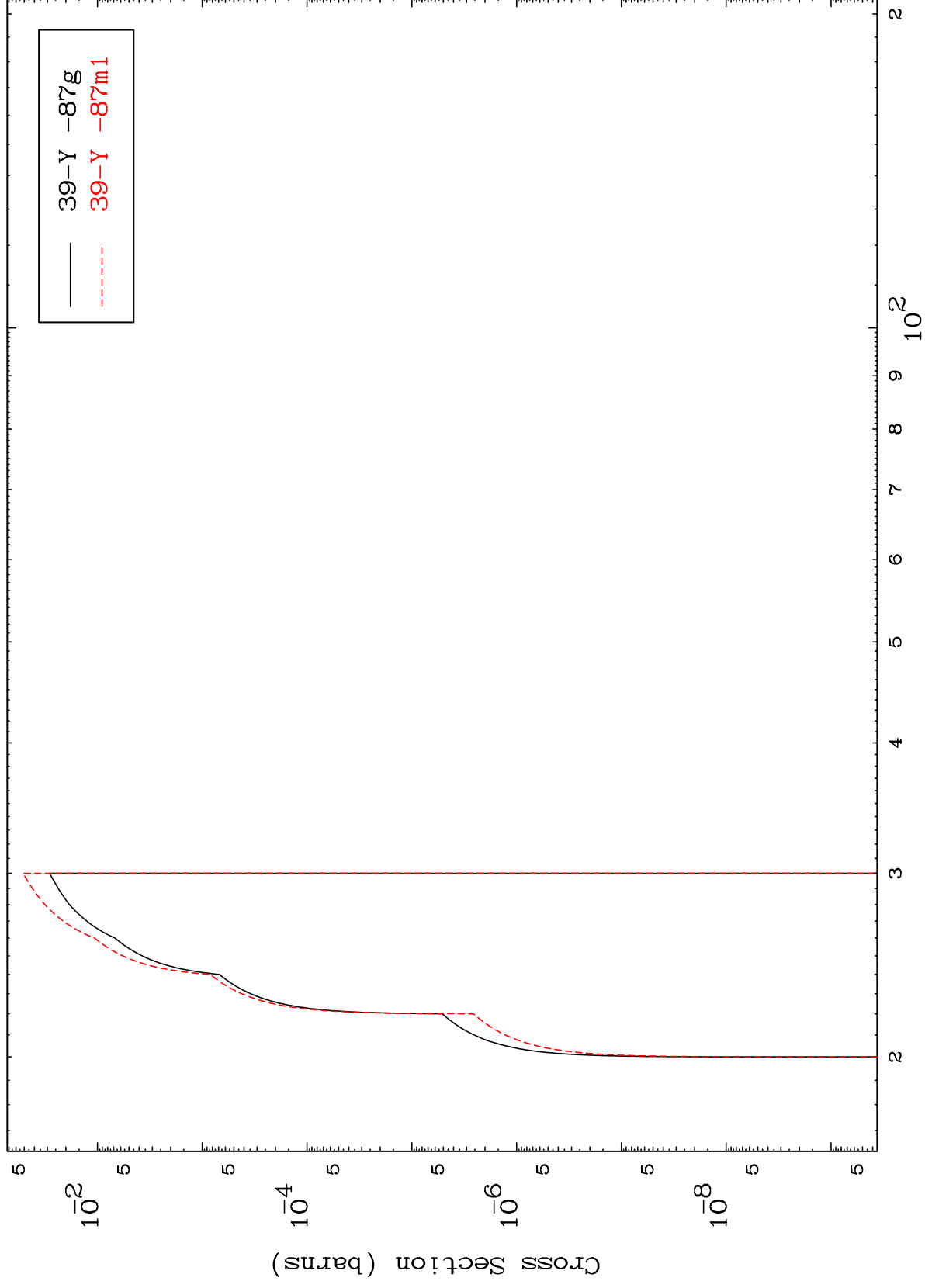


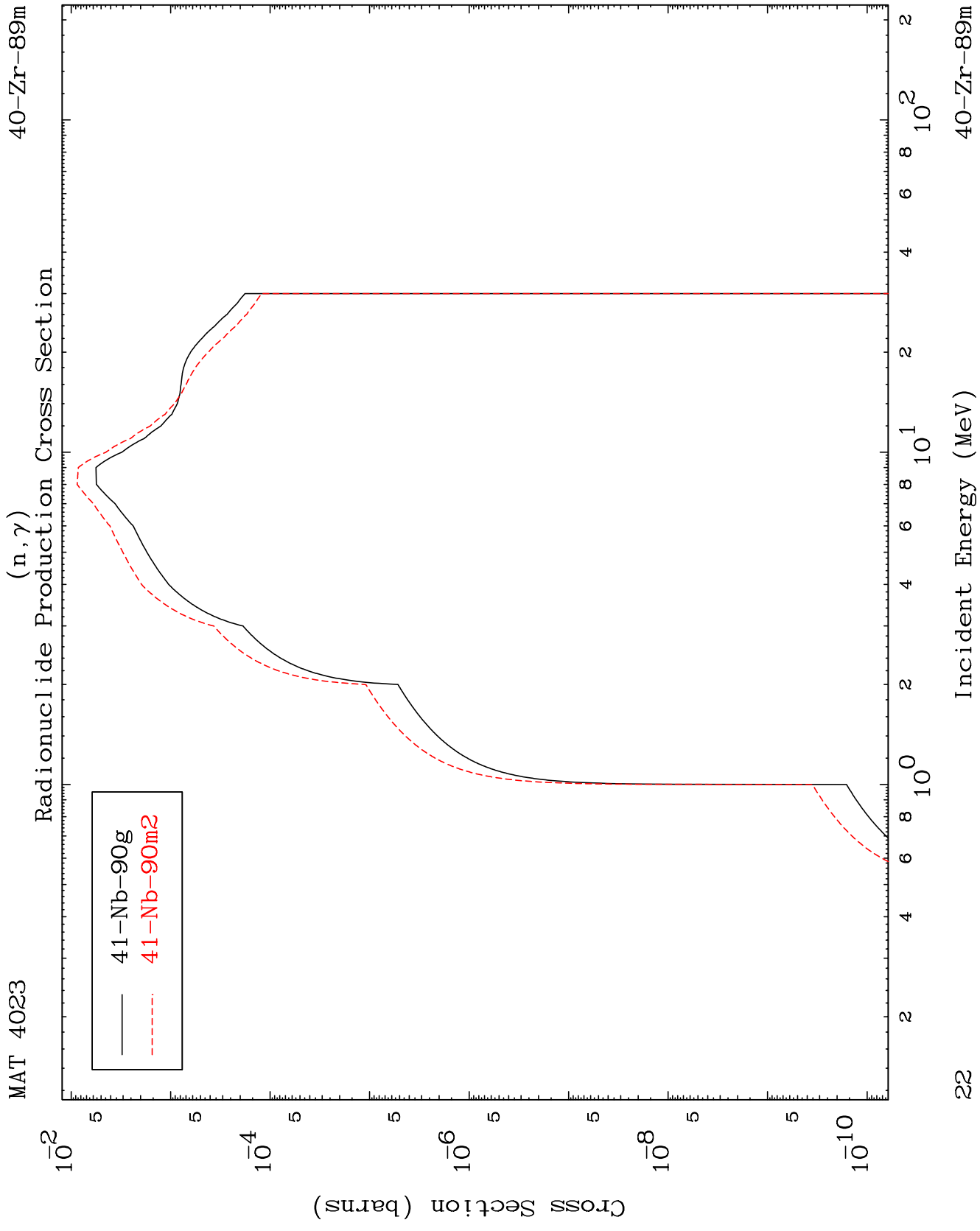
40-Zr-89m

Incident Energy (MeV)

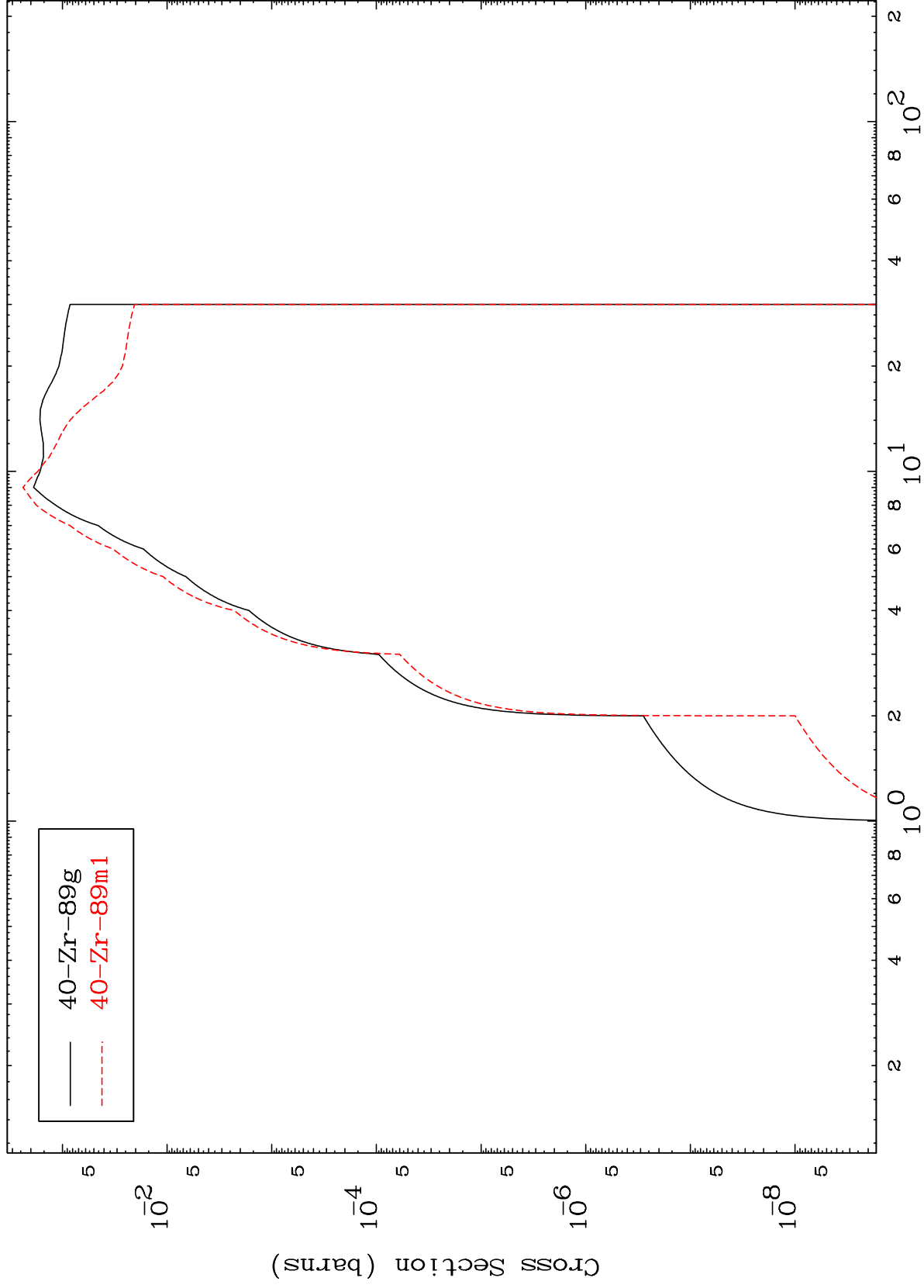
20

(n,2n) p
Radionuclide Production Cross Section





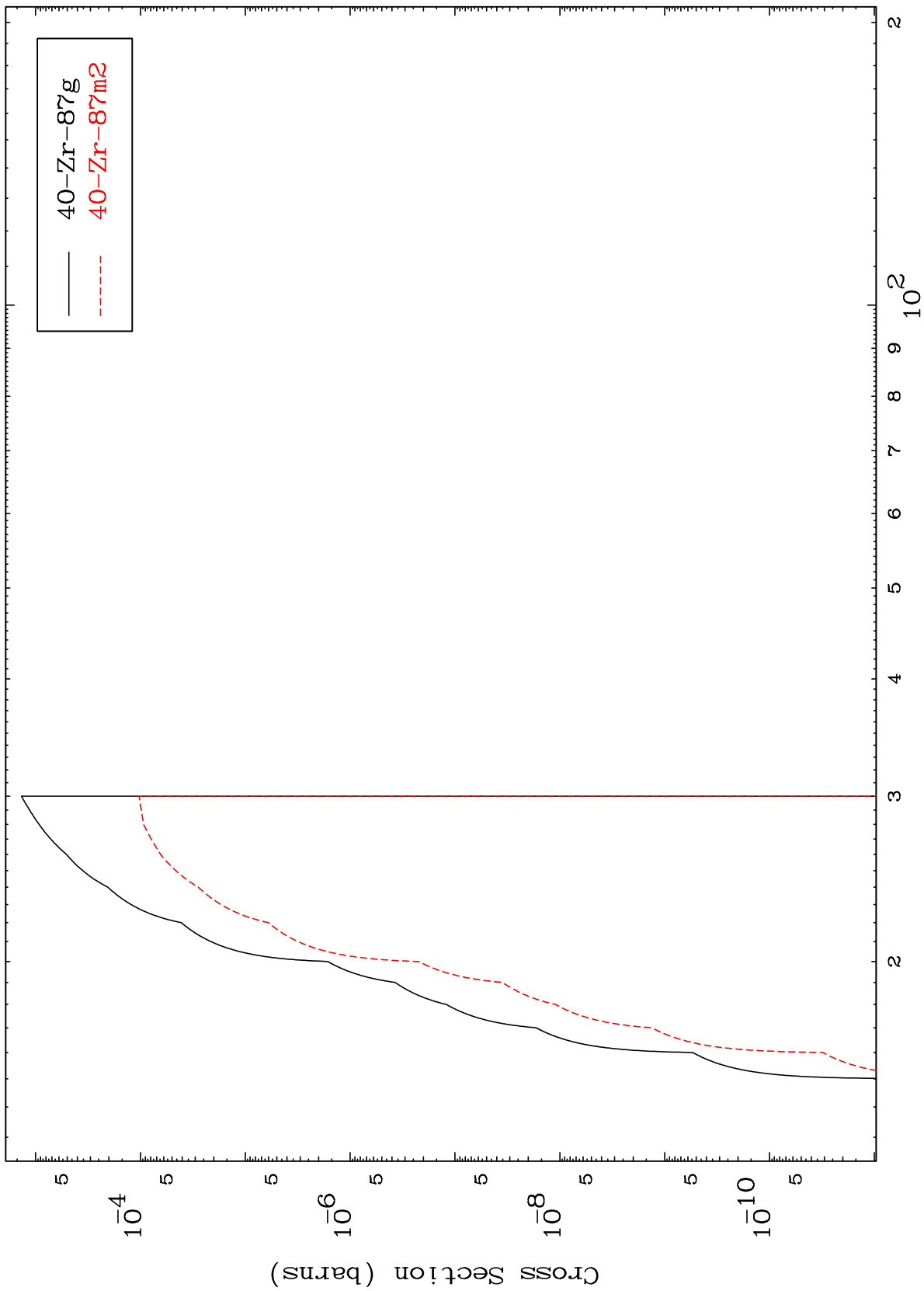
Radionuclide Production Cross Section (n,p)



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40-Zr-89m

(n,t)
Radionuclide Production Cross Section



40-Zr-89m

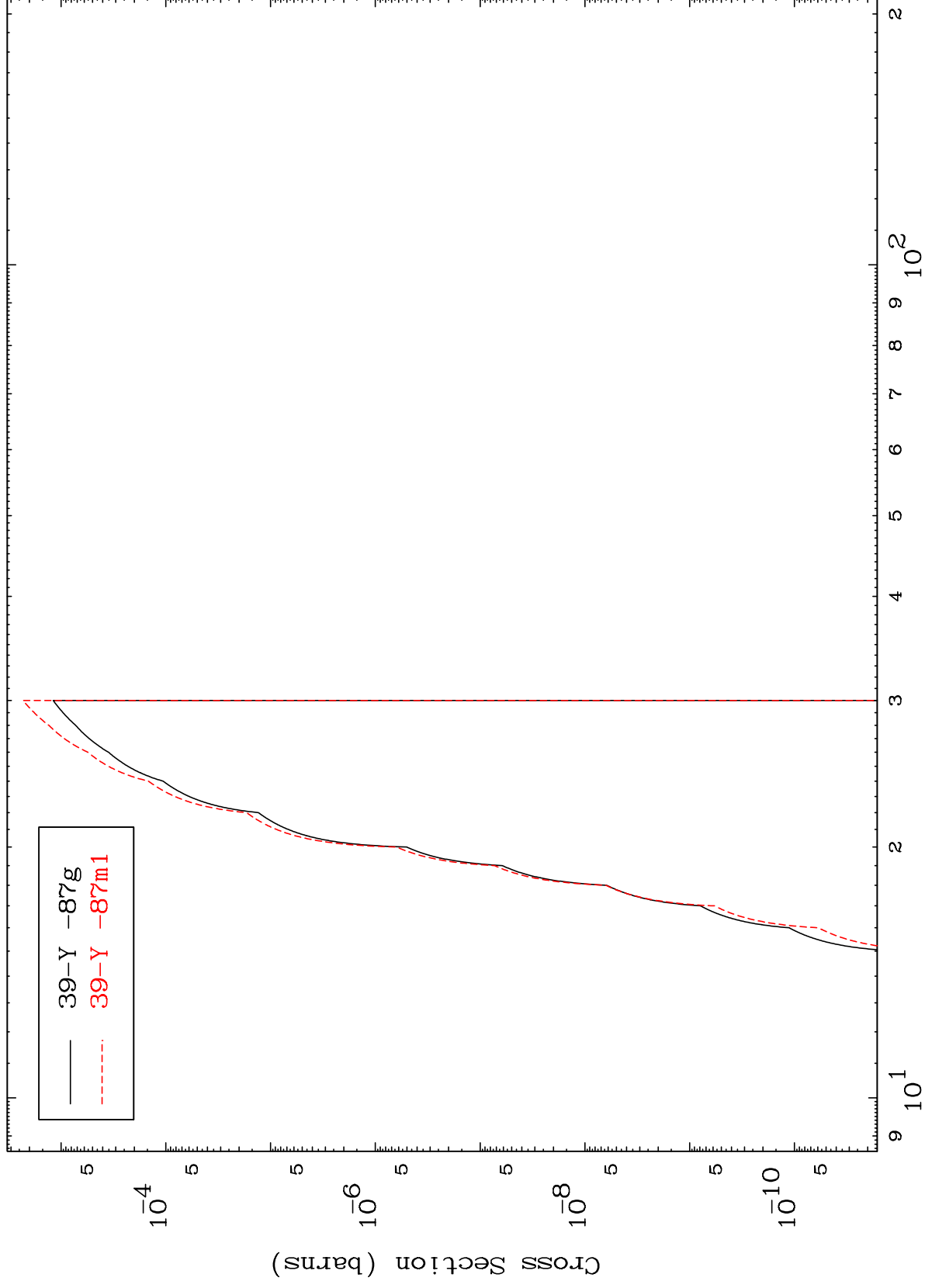
Incident Energy (MeV)

24

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40-Zr-89m

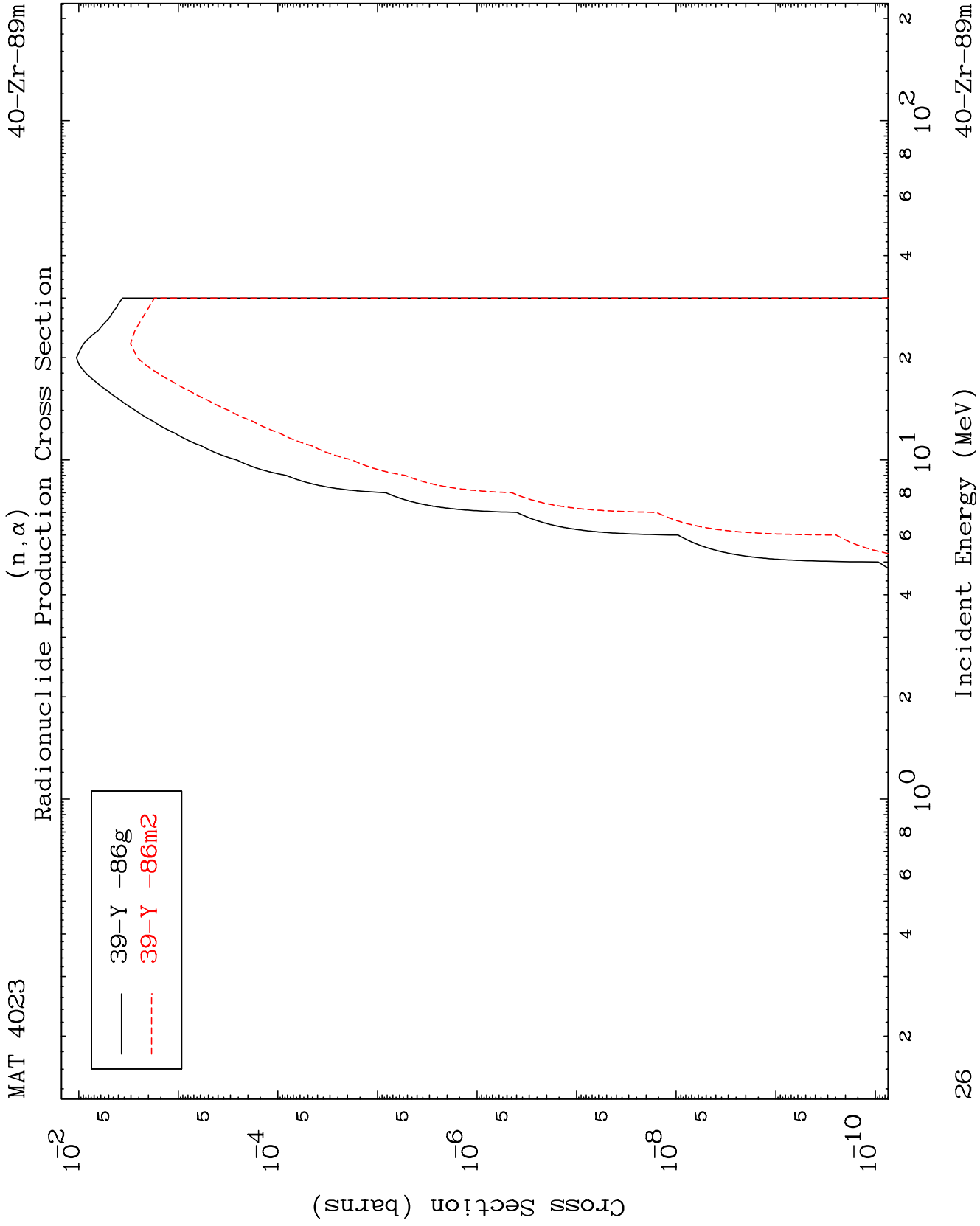
Radionuclide Production Cross Section
(n,He-3)



40-Zr-89m

Incident Energy (MeV)

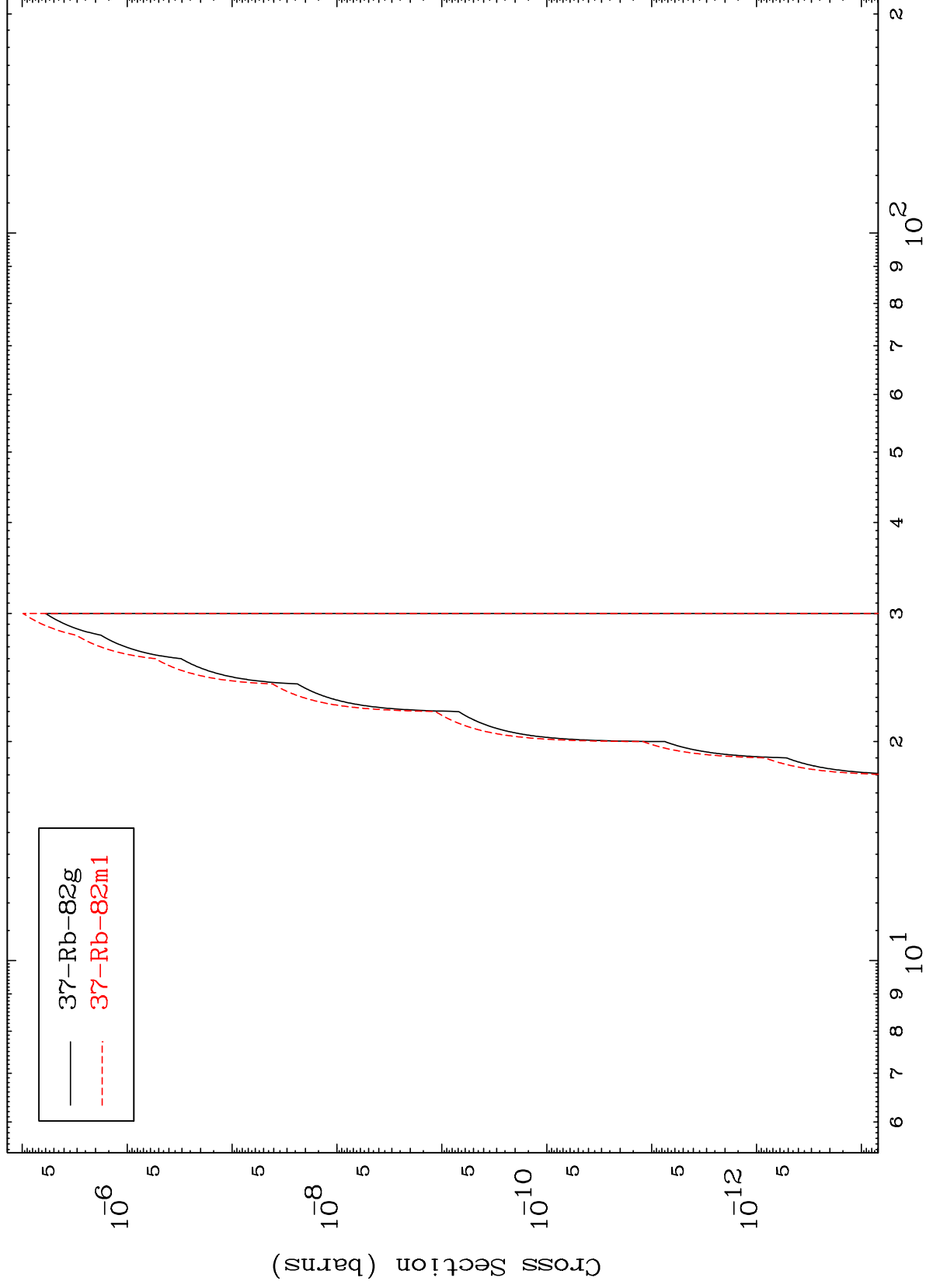
25



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40-Zr-89m

Radionuclide Production Cross Section
(n,2 α)



27

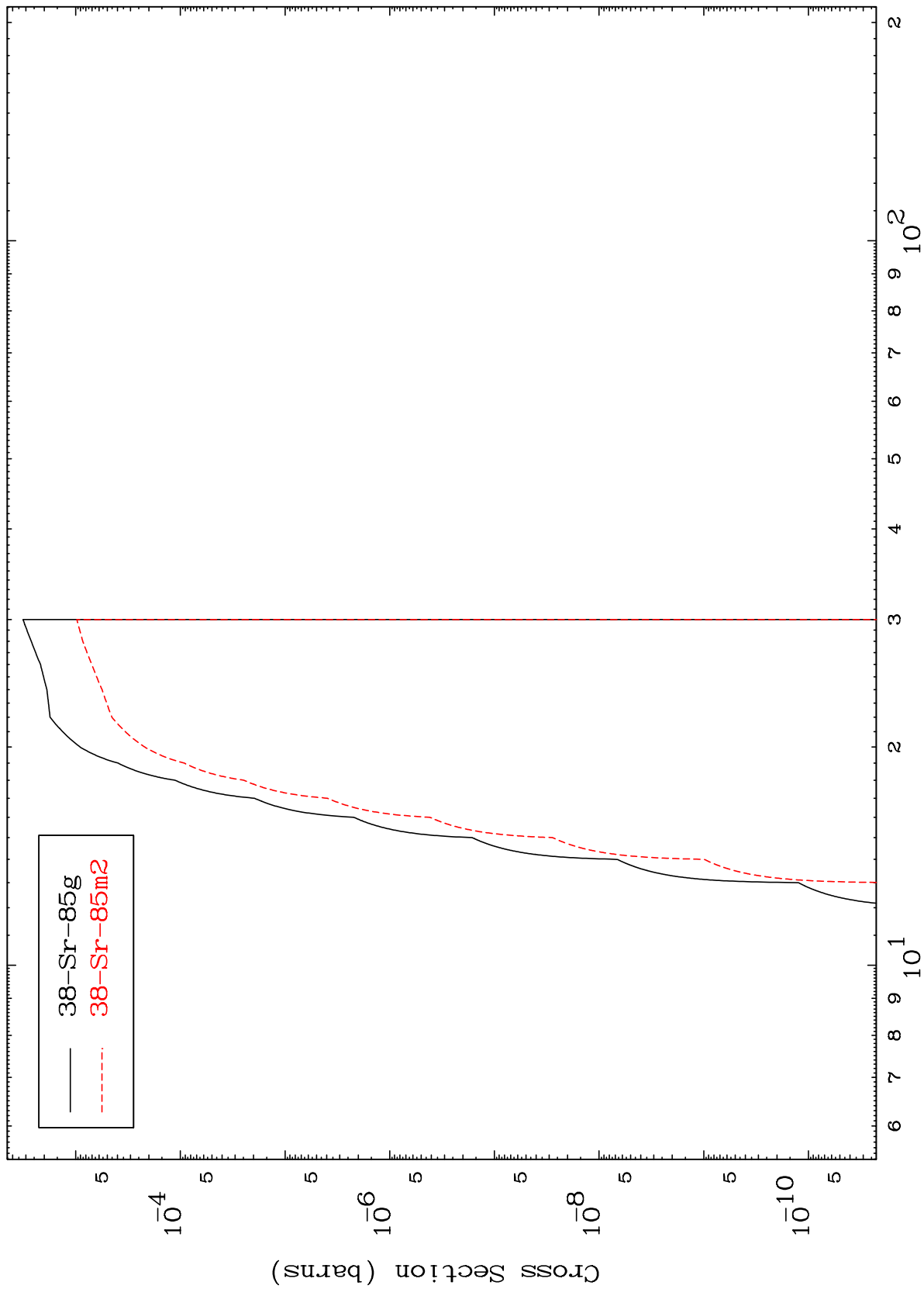
Incident Energy (MeV)

40-Zr-89m

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40-Zr-89m

(n,p) α
Radionuclide Production Cross Section



28

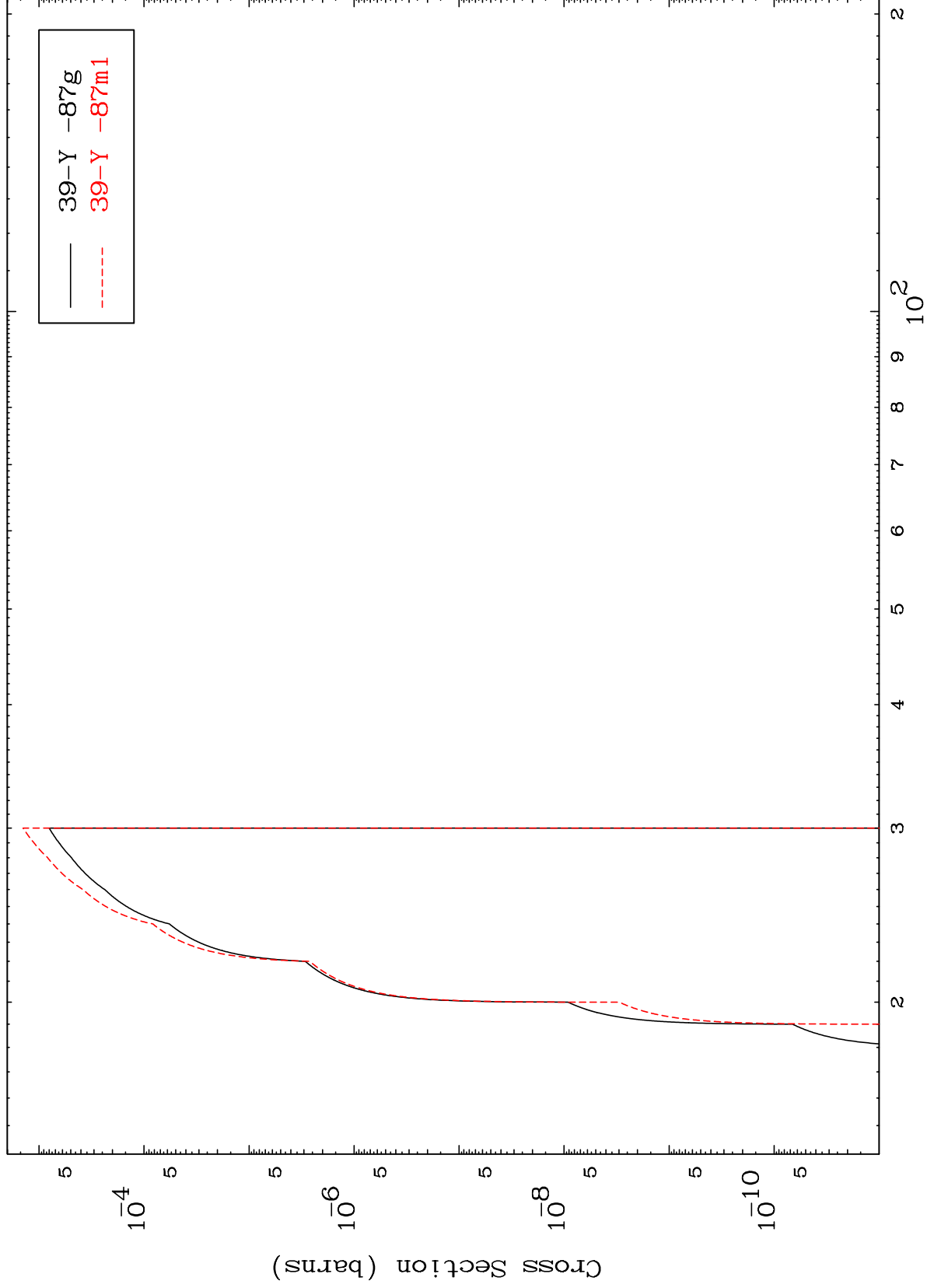
Incident Energy (MeV)

40-Zr-89m

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40-Zr-89m

(n,p) d
Radionuclide Production Cross Section



29

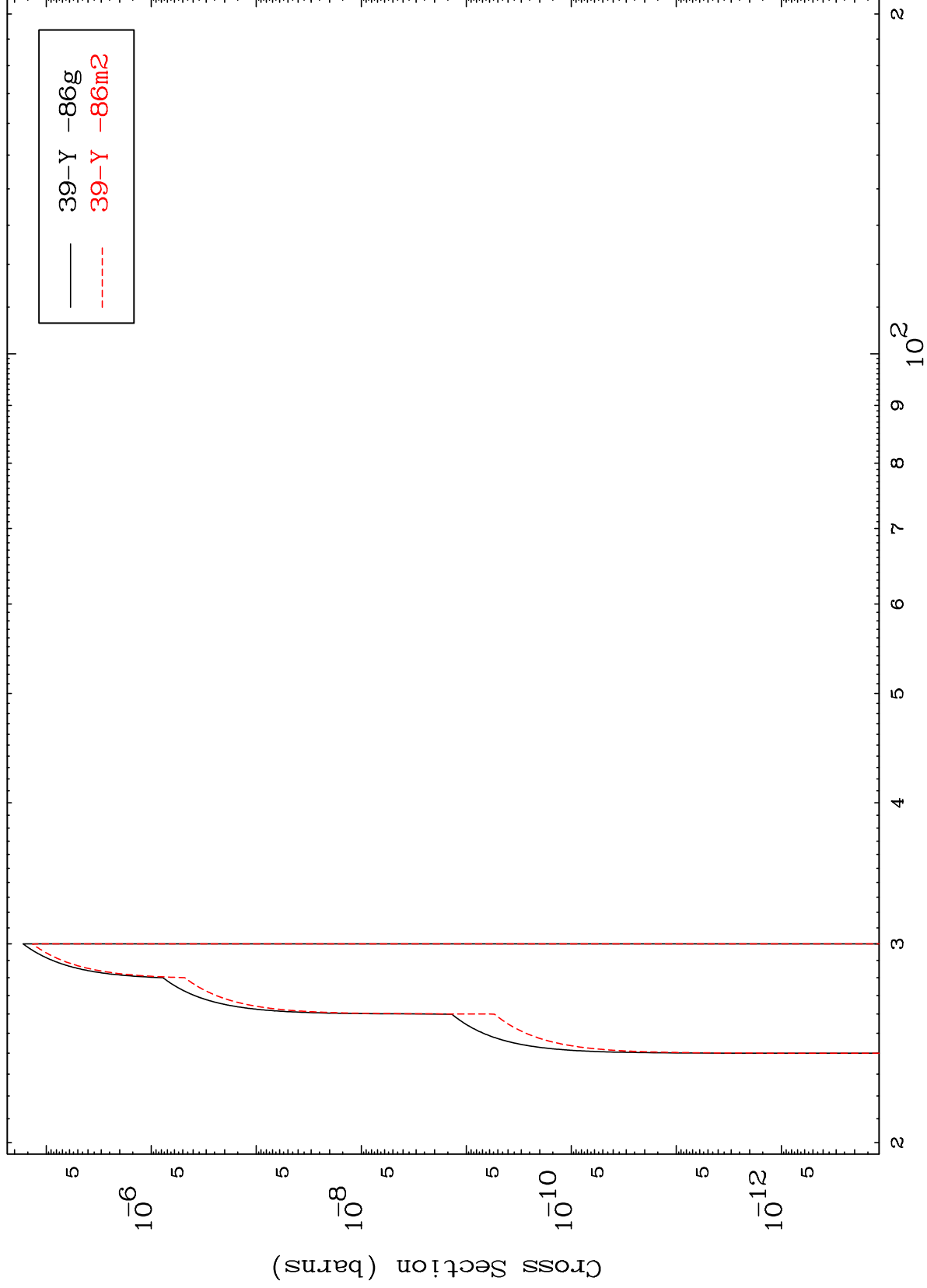
Incident Energy (MeV)

40-Zr-89m

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40-Zr-89m

(n,p) t
Radionuclide Production Cross Section



40-Zr-89m

Incident Energy (MeV)

30