

Program EVALPLOT
(Version 2021-1)

by

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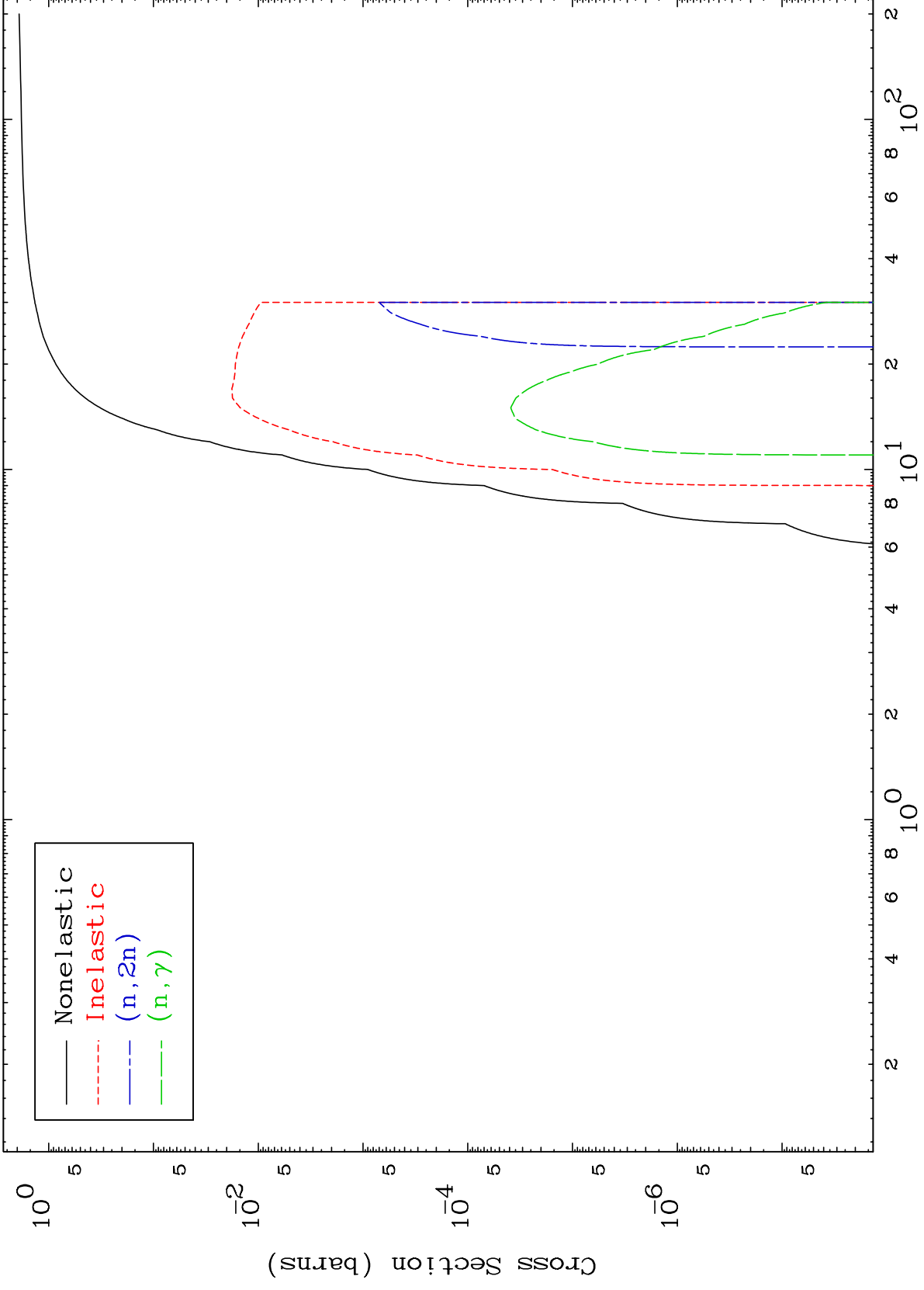
Press Mouse Button to Start

MAT 4298

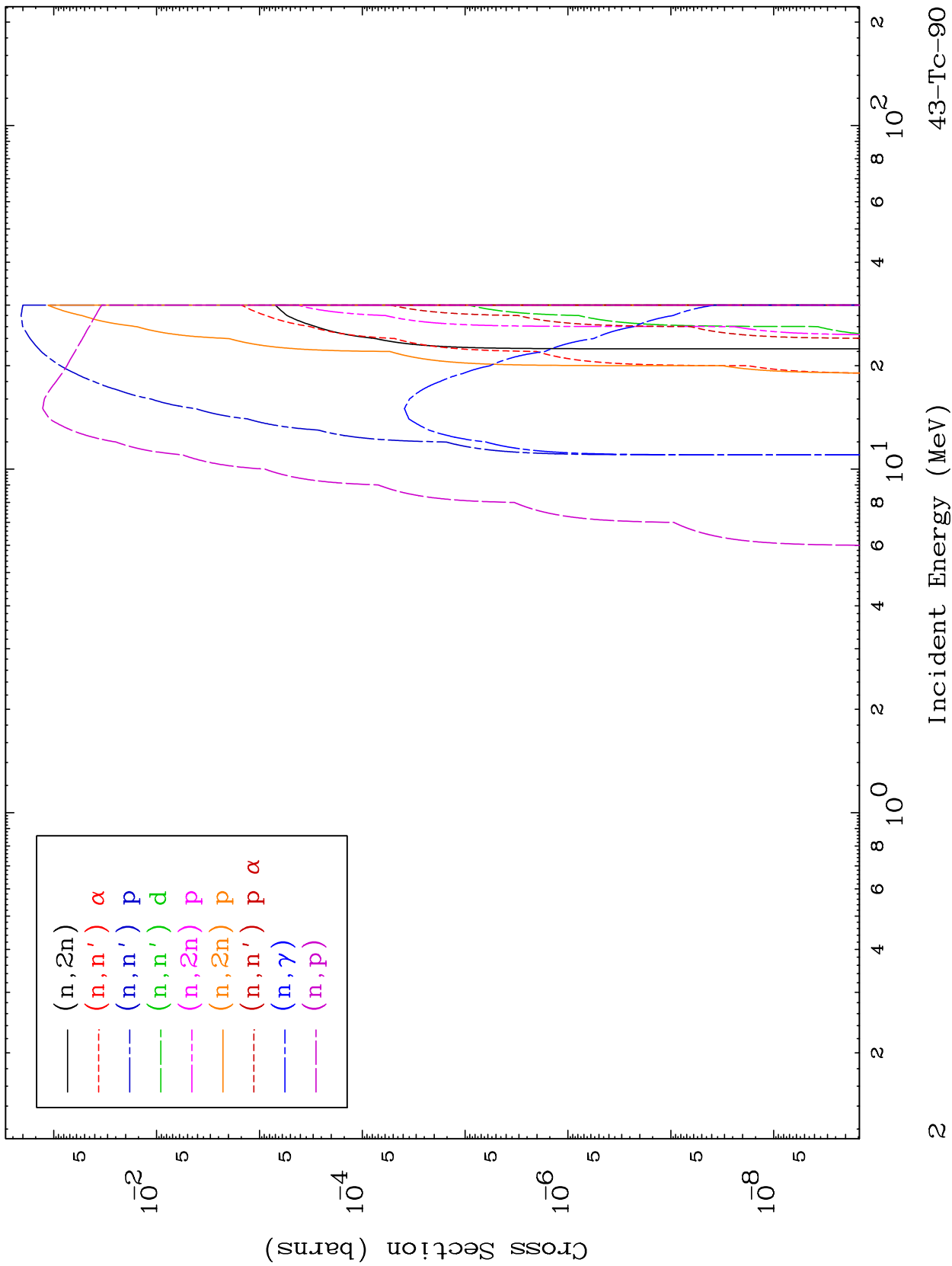
α Major

43-Tc-90

0 Kelvin Cross Sections



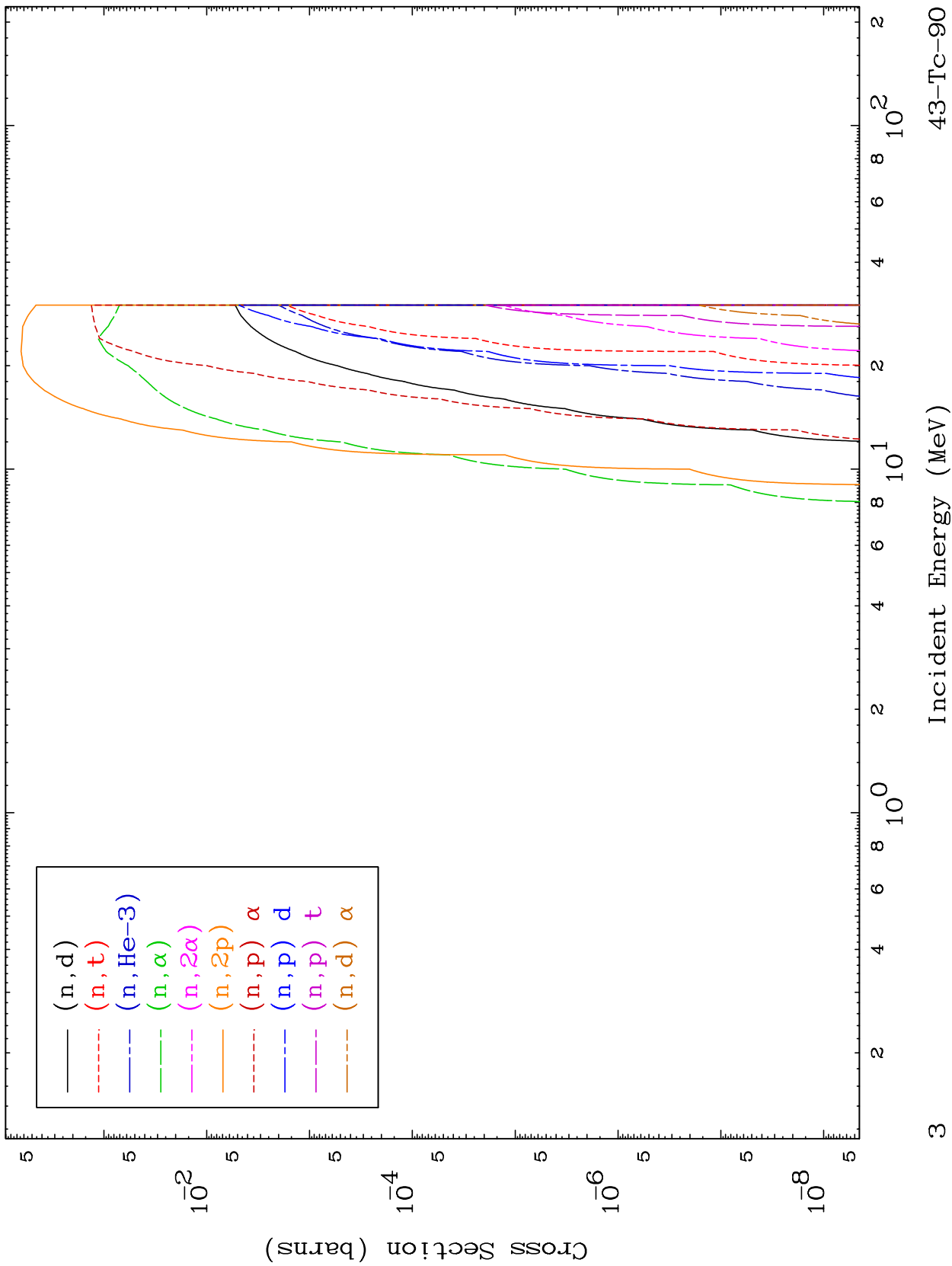
Legend:
— Nonelastic
- - - Inelastic
- · - (n, 2n)
- - - (n, γ)

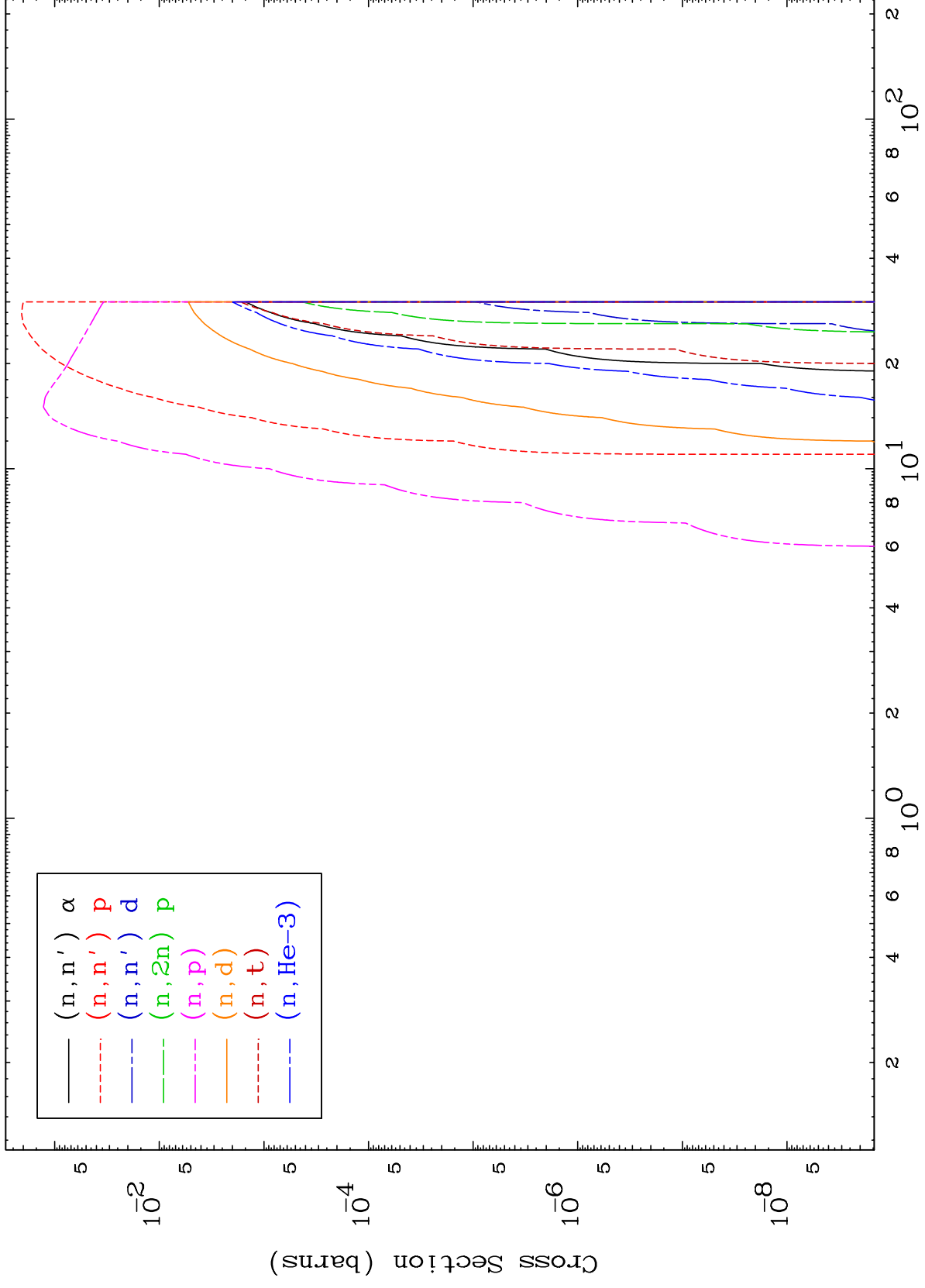


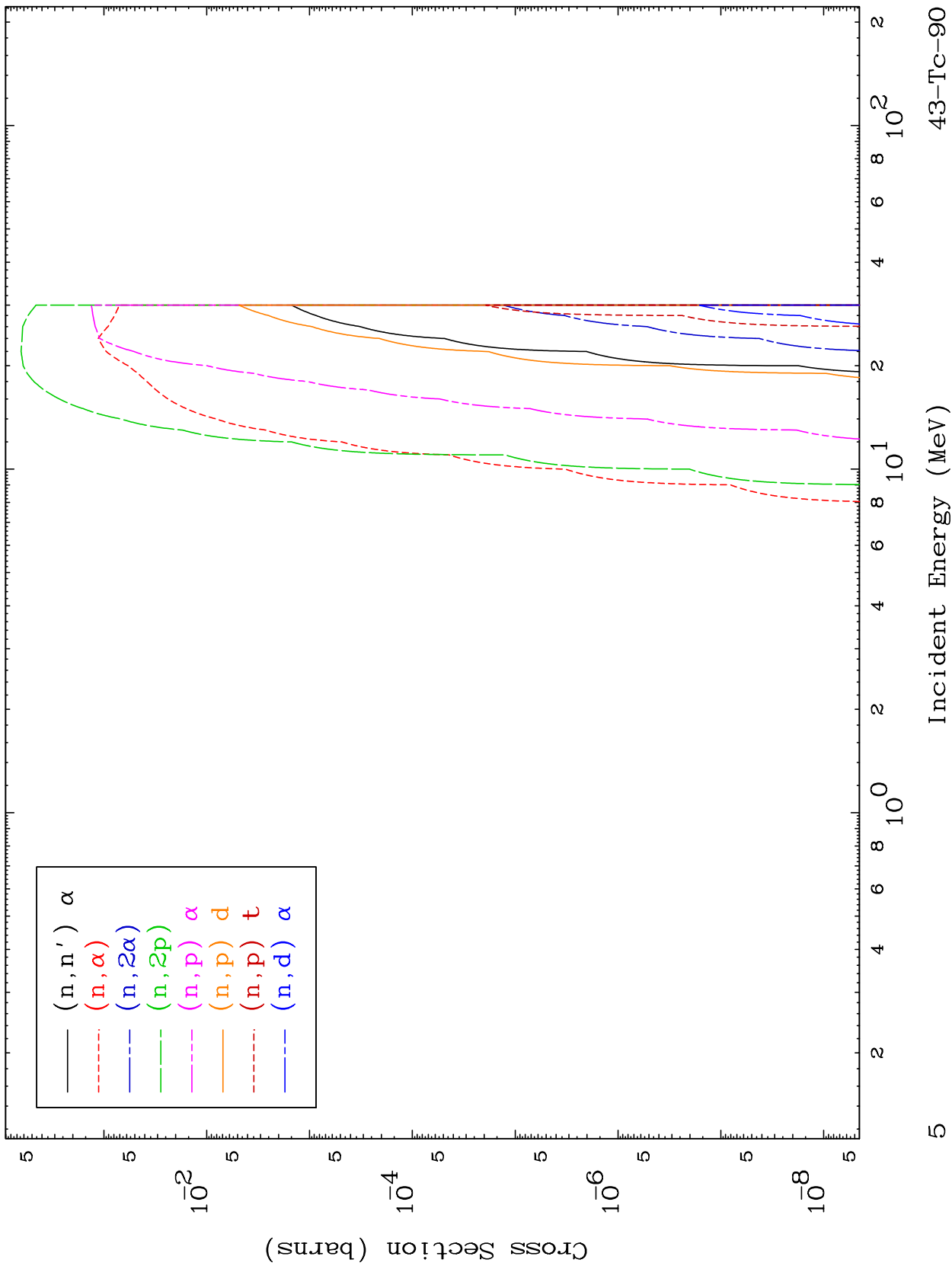
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α Neutron Absorption
0 Kelvin Cross Sections

43-Tc-90





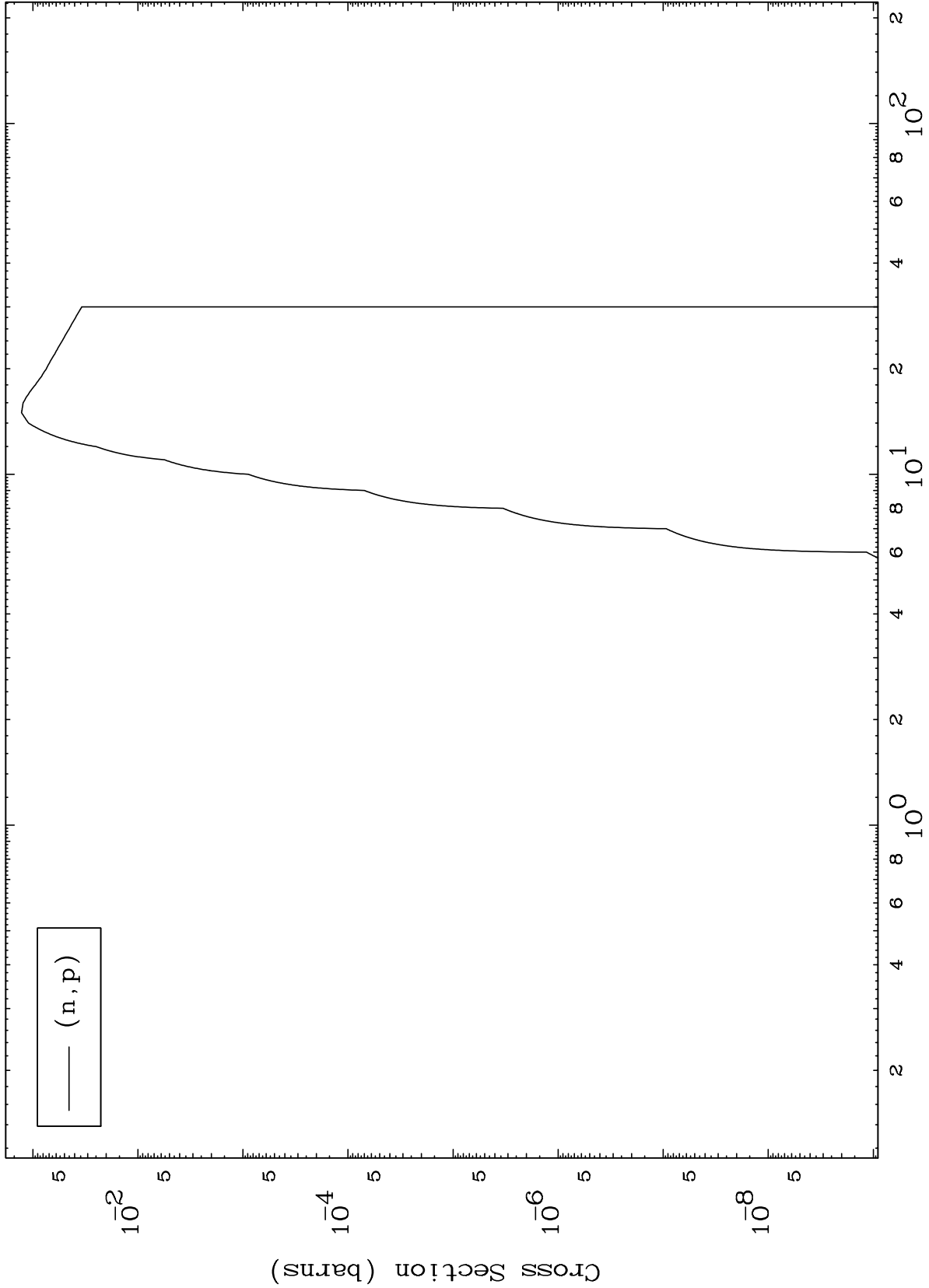


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(α, p) Levels

43-Tc-90

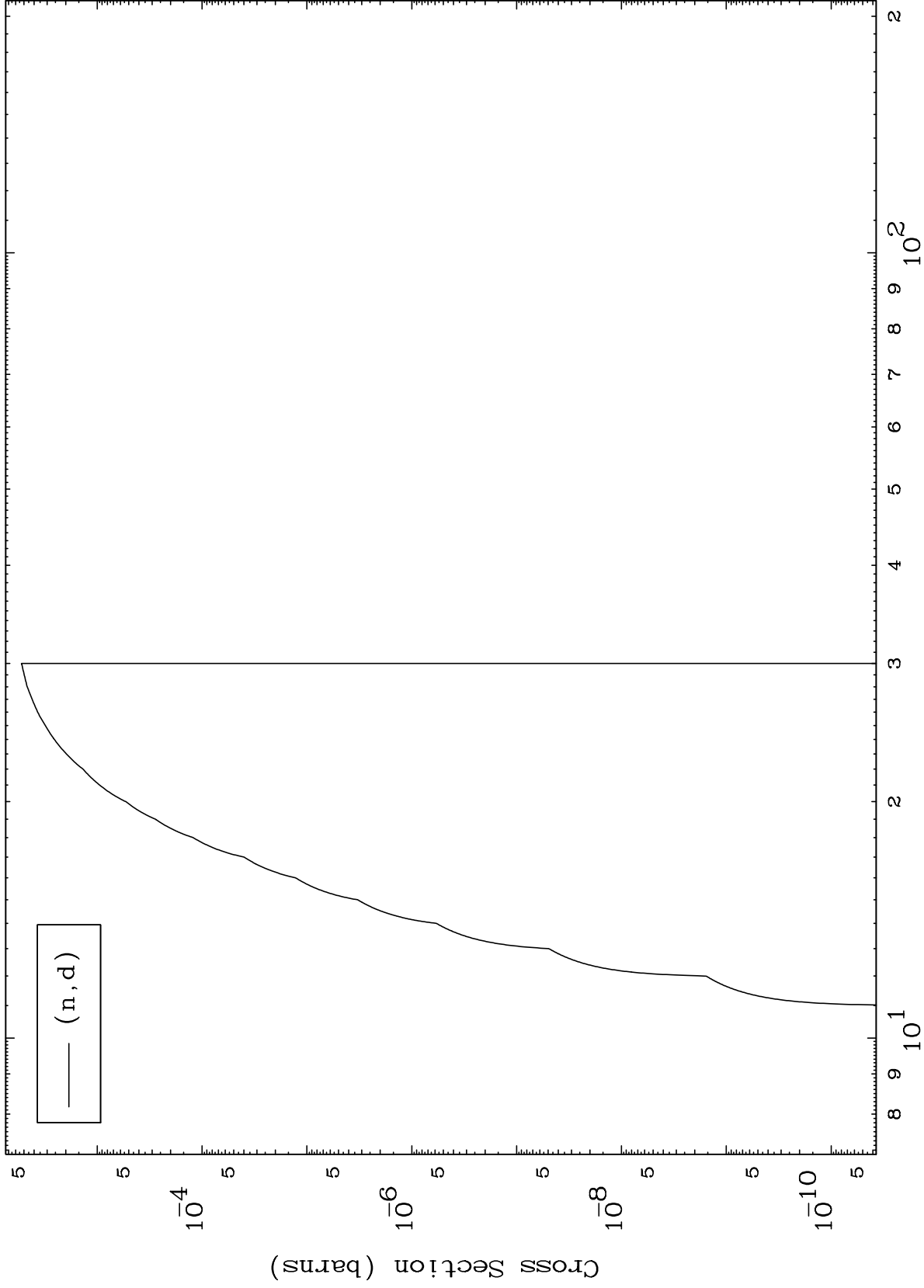
0 Kelvin Cross Sections



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(α, d) Levels
0 Kelvin Cross Sections

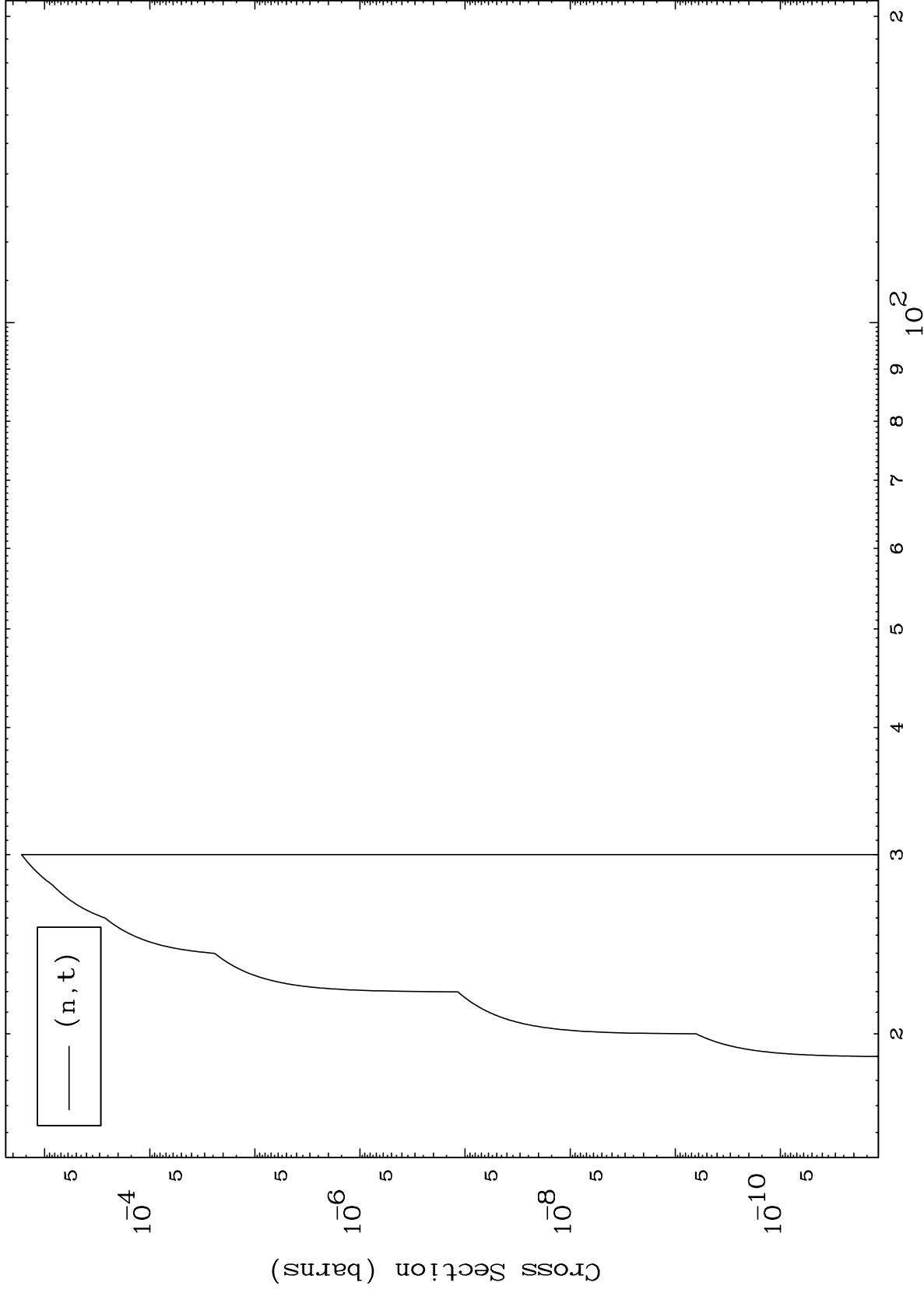
43-Tc-90



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Incident Energy (MeV)

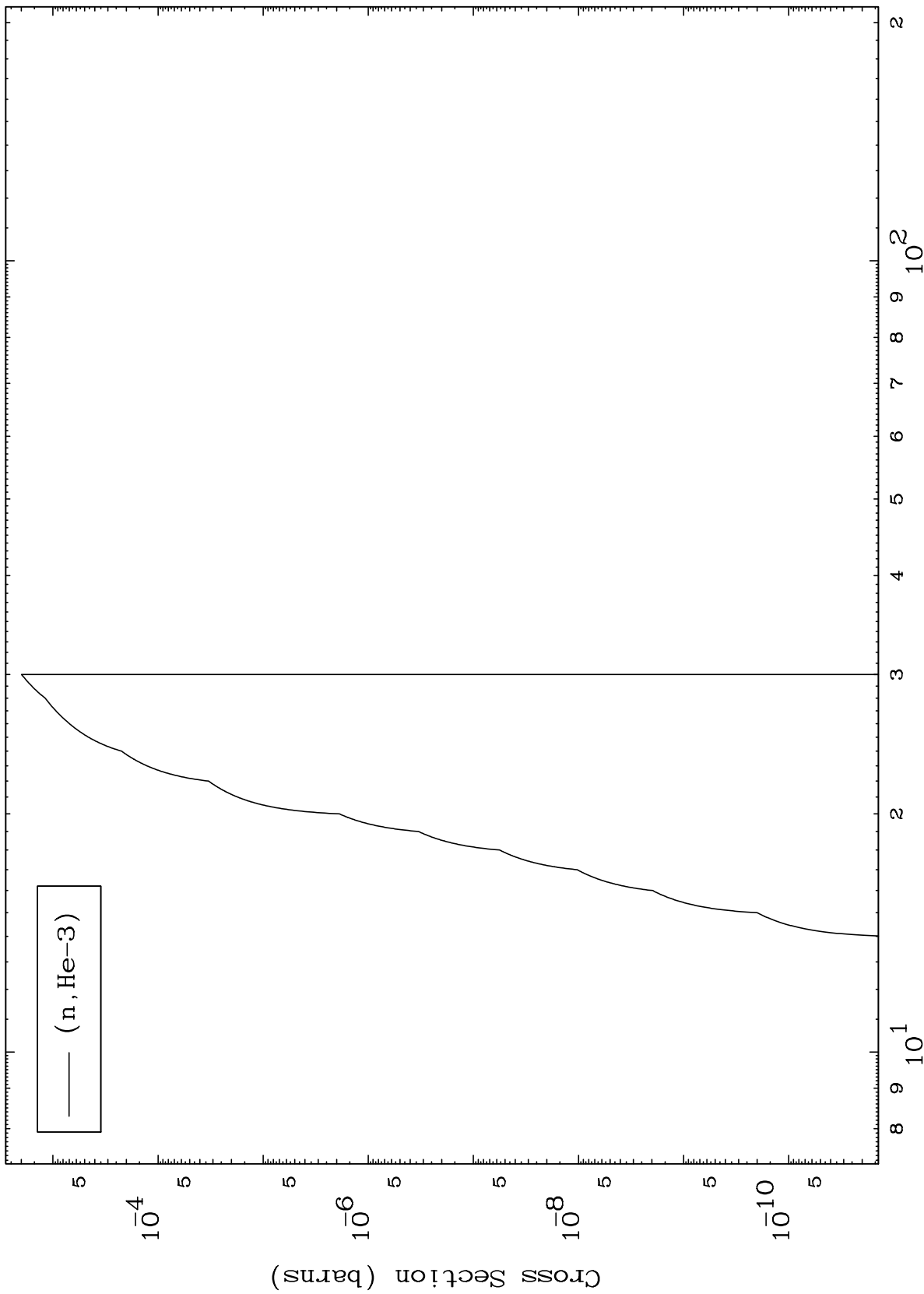
43-Tc-90



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43-Tc-90

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

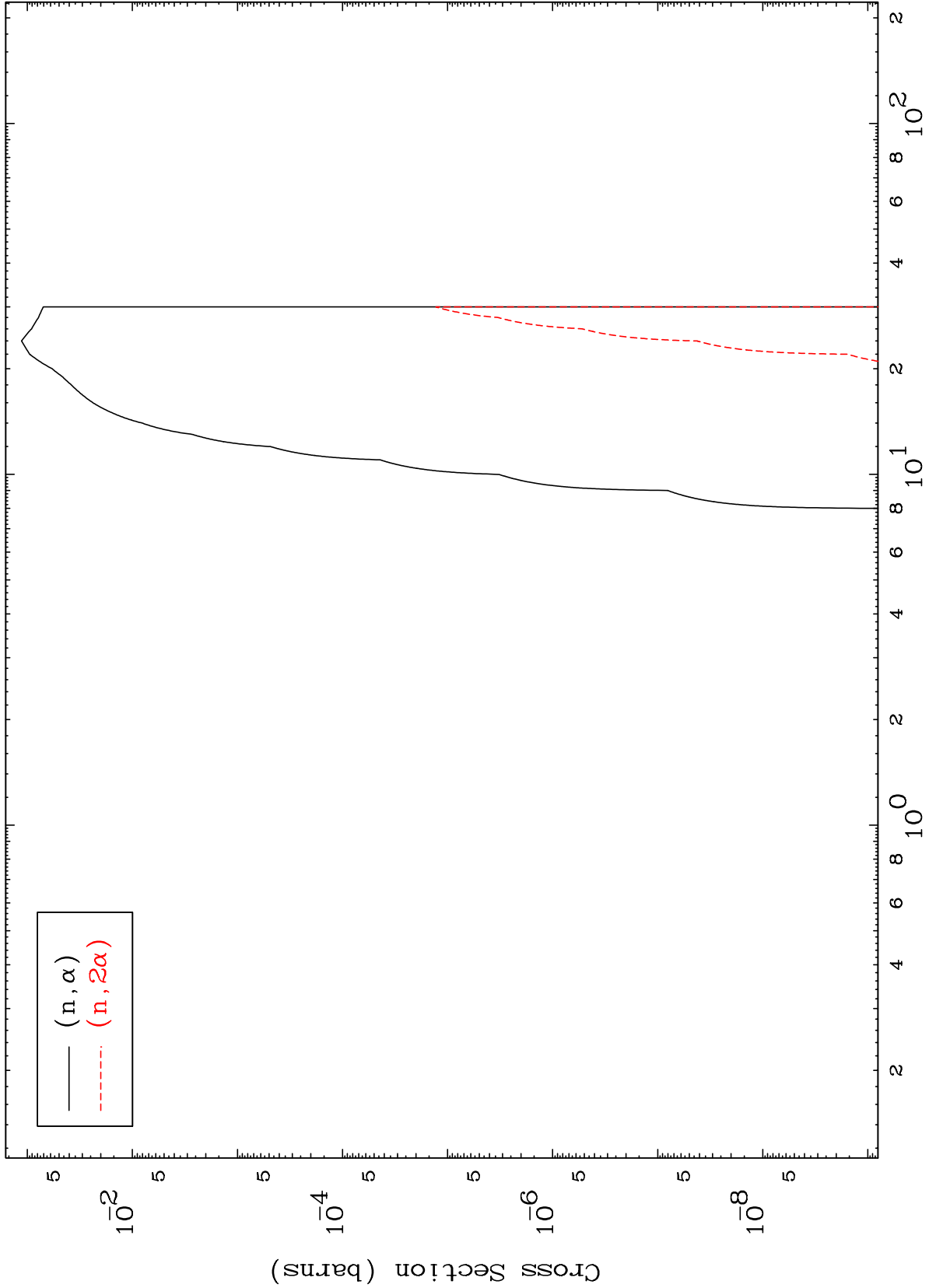
43-Tc-90

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(α, α) Levels

43-Tc-90

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

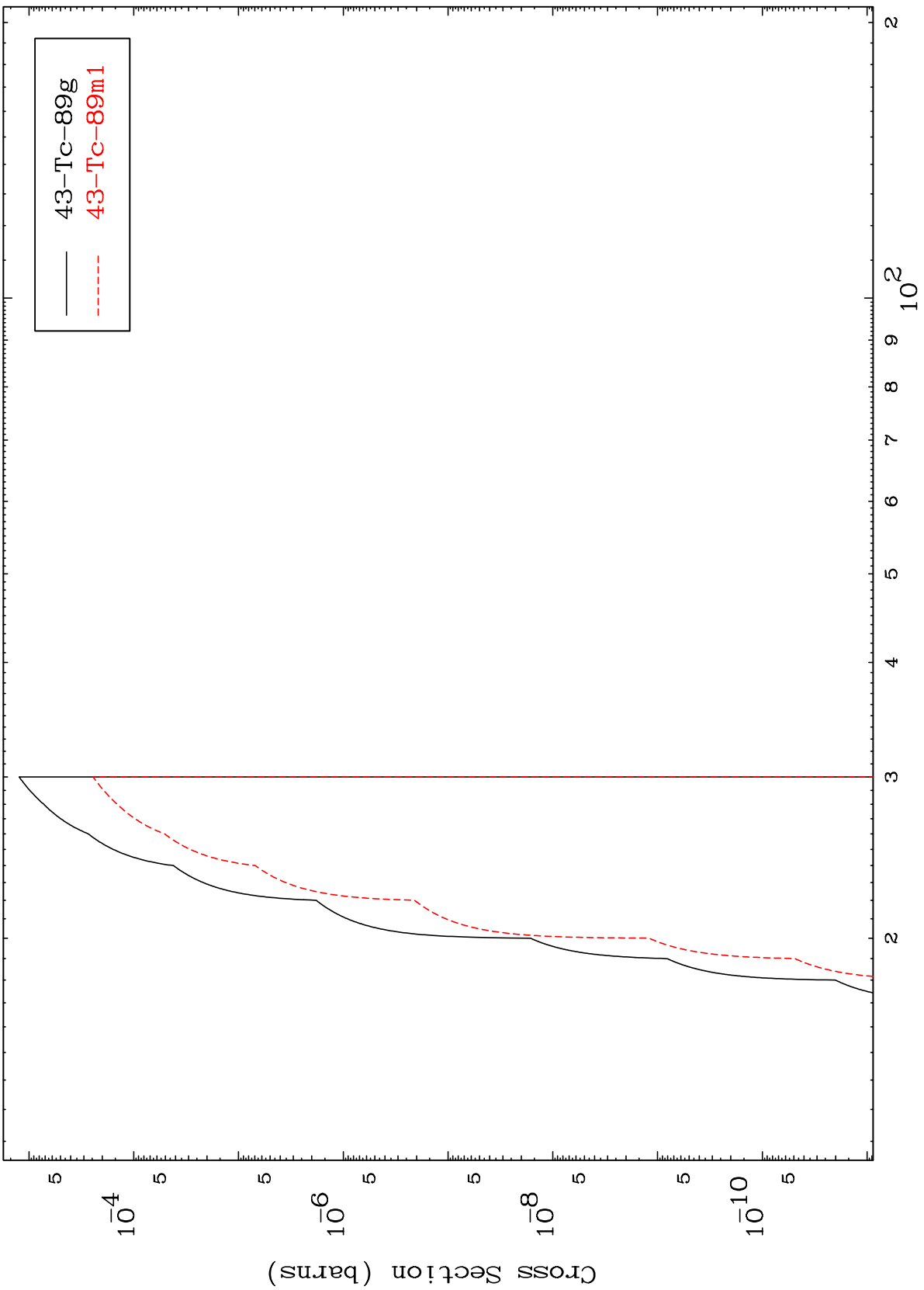
43-Tc-90

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(n, n') α

43-Tc-90

Radionuclide Production Cross Section



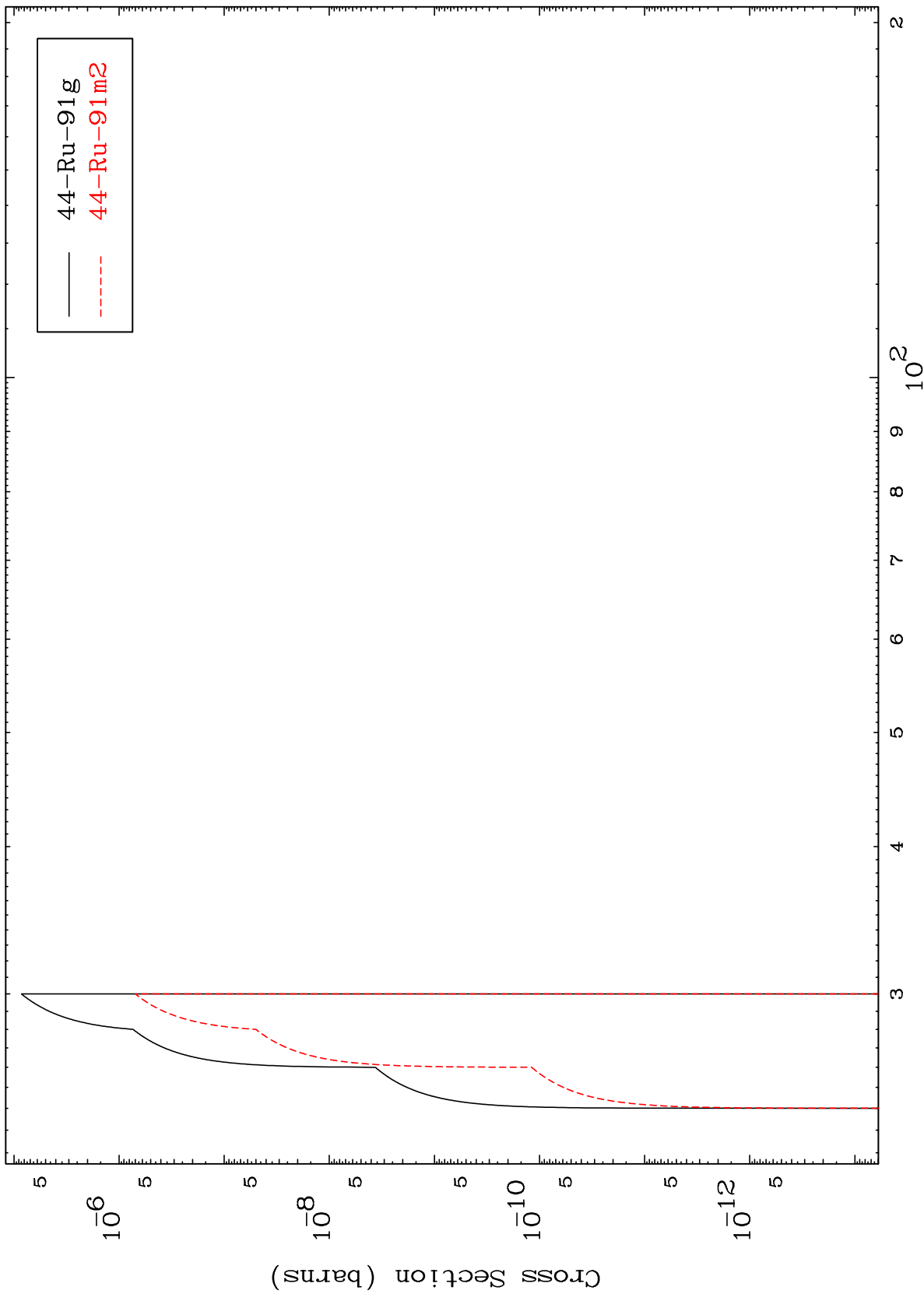
43-Tc-90

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(n,n') d

43-Tc-90

Radionuclide Production Cross Section



12

Incident Energy (MeV)

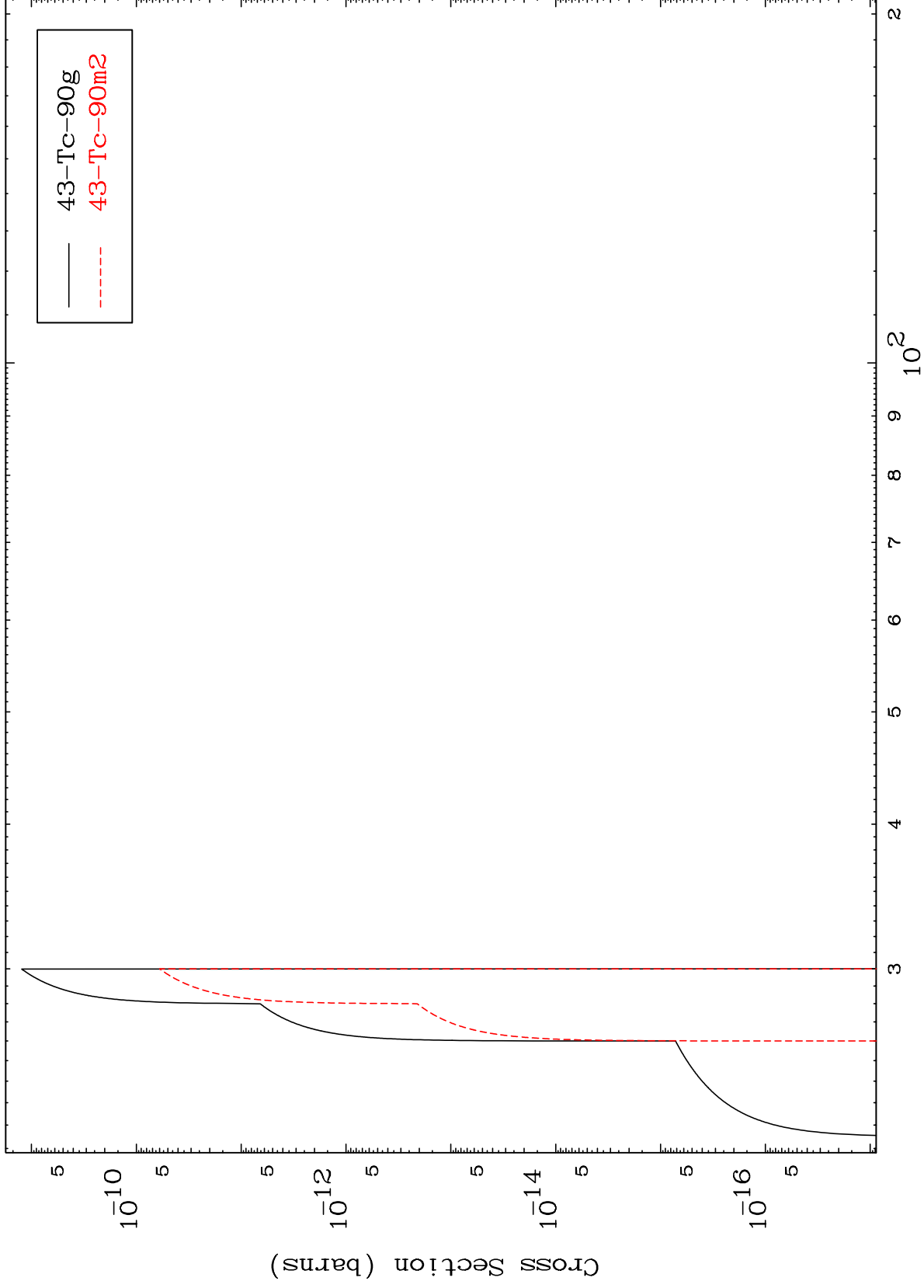
43-Tc-90

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(n,n') He-3

43-Tc-90

Radionuclide Production Cross Section



13

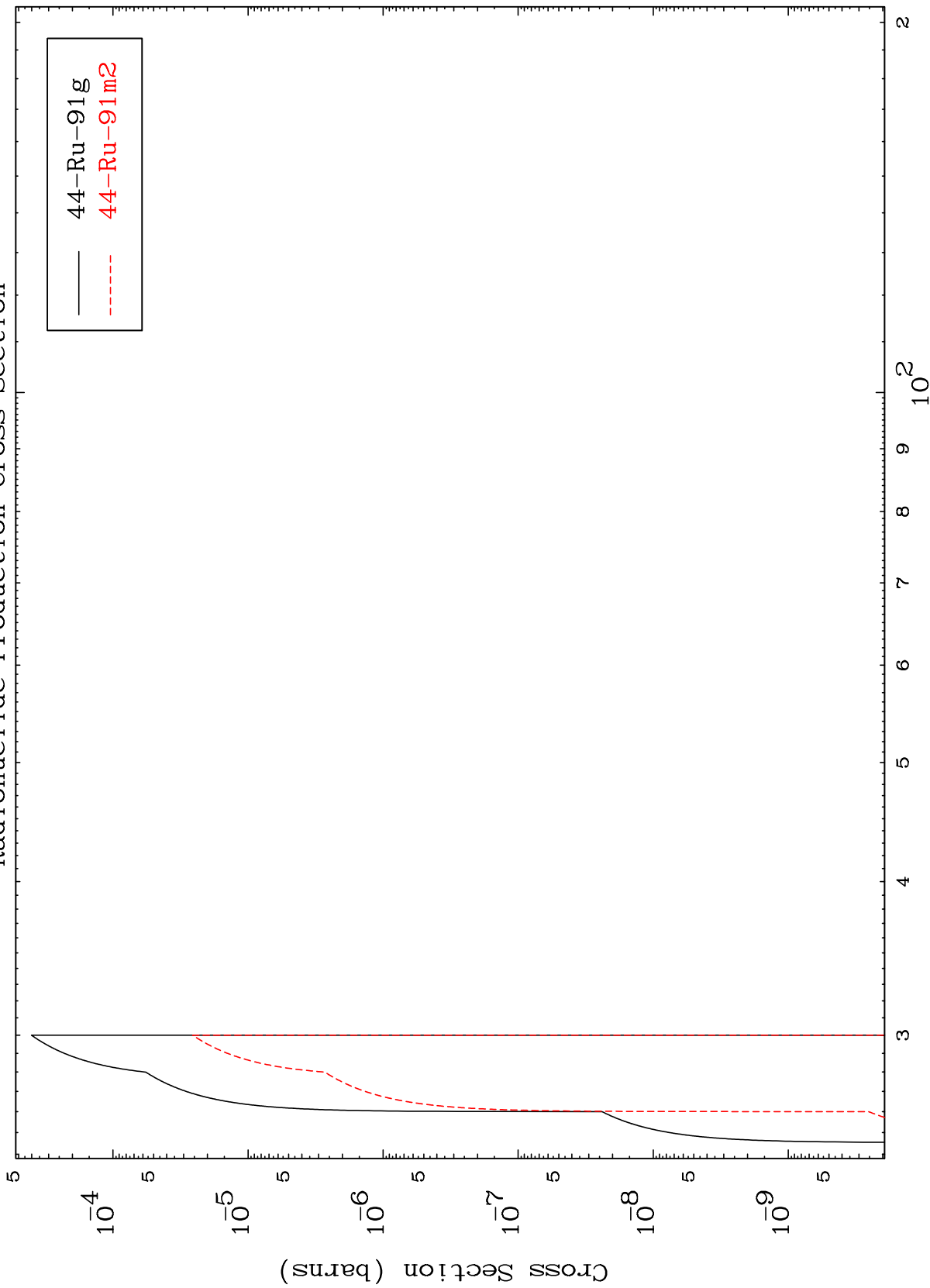
Incident Energy (MeV)

43-Tc-90

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43-Tc-90

(n,2n) p
Radionuclide Production Cross Section

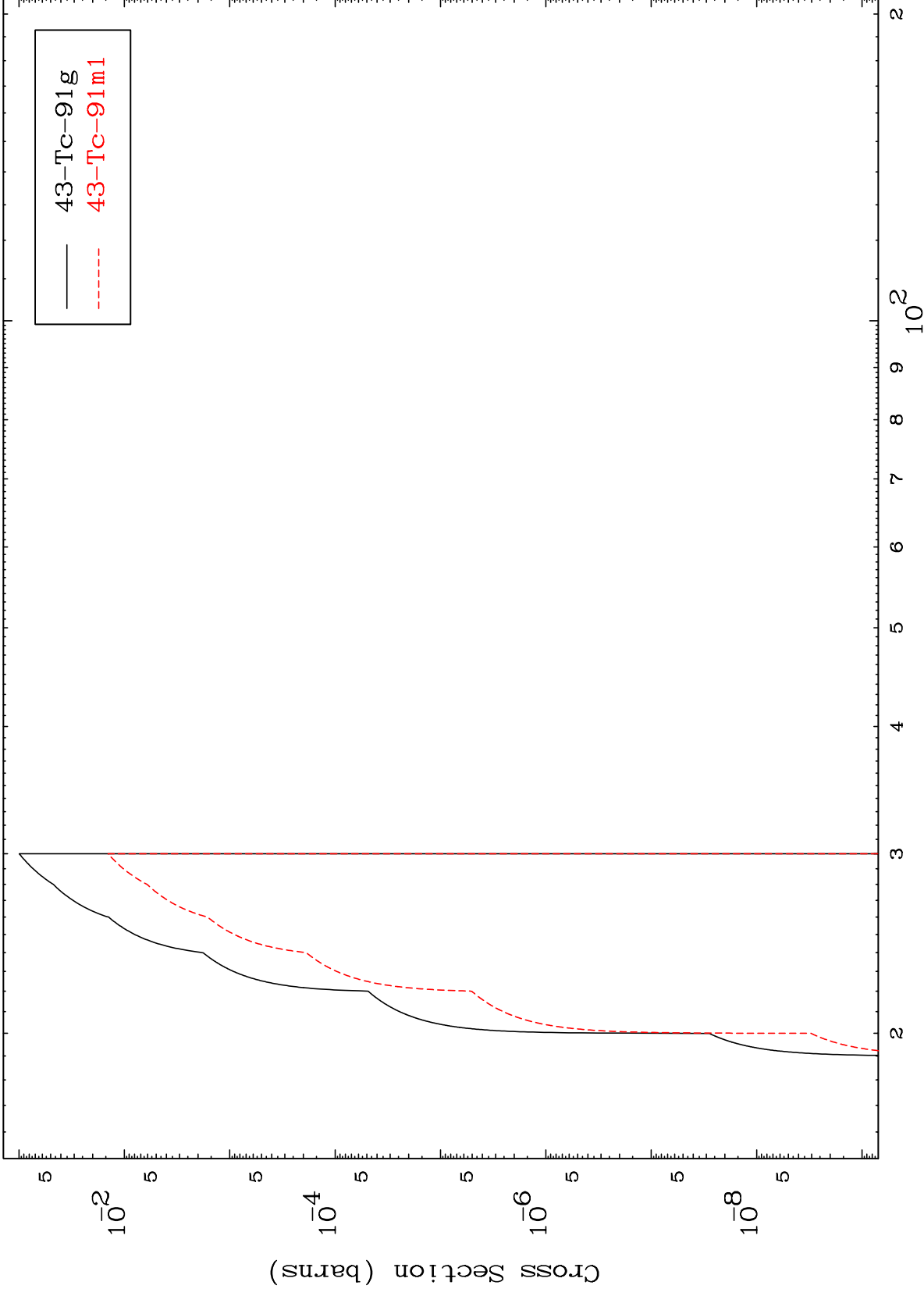


43-Tc-90

Incident Energy (MeV)

14

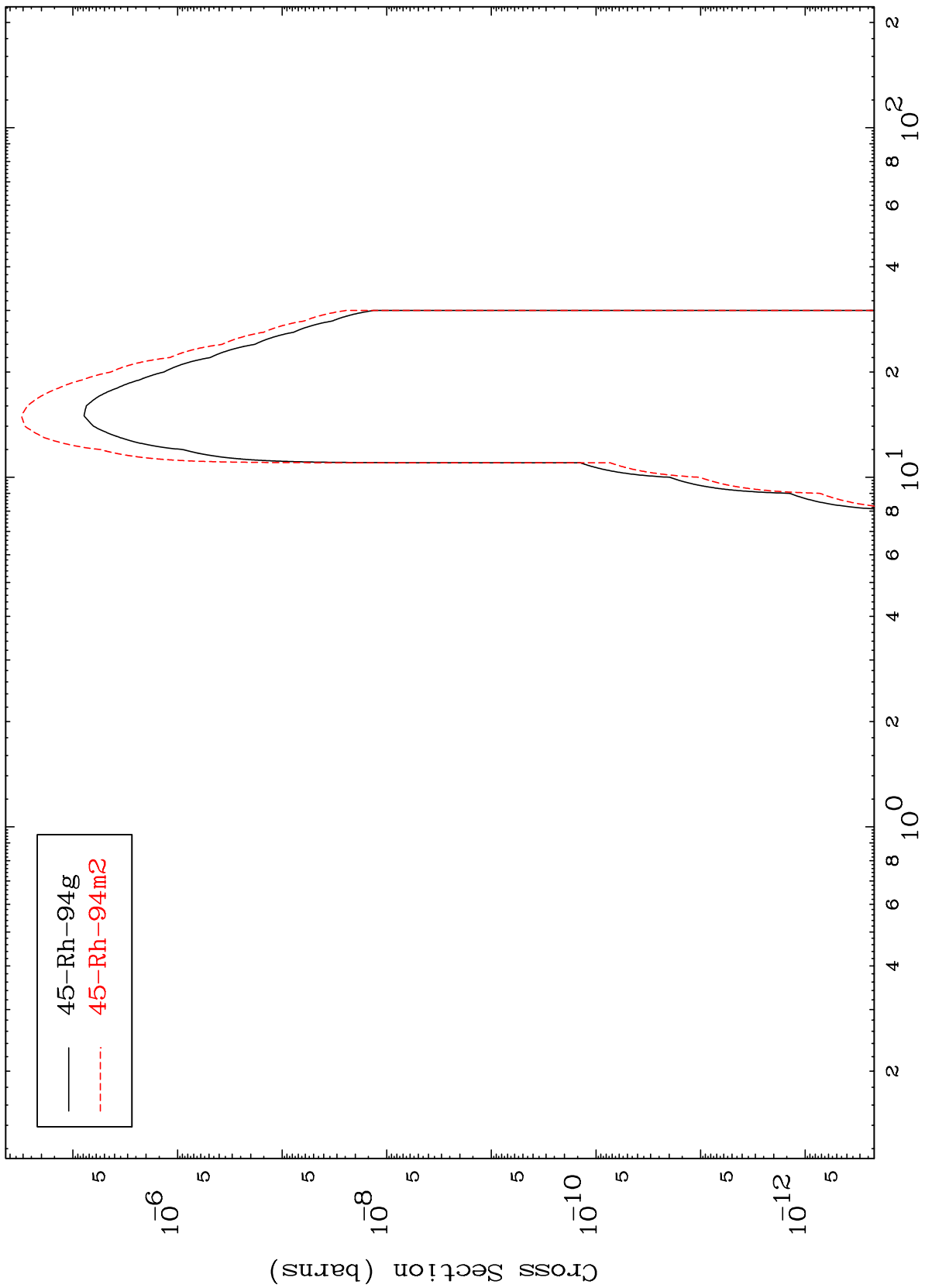
Radionuclide Production Cross Section



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43-Tc-90

(n, γ)
Radionuclide Production Cross Section



16

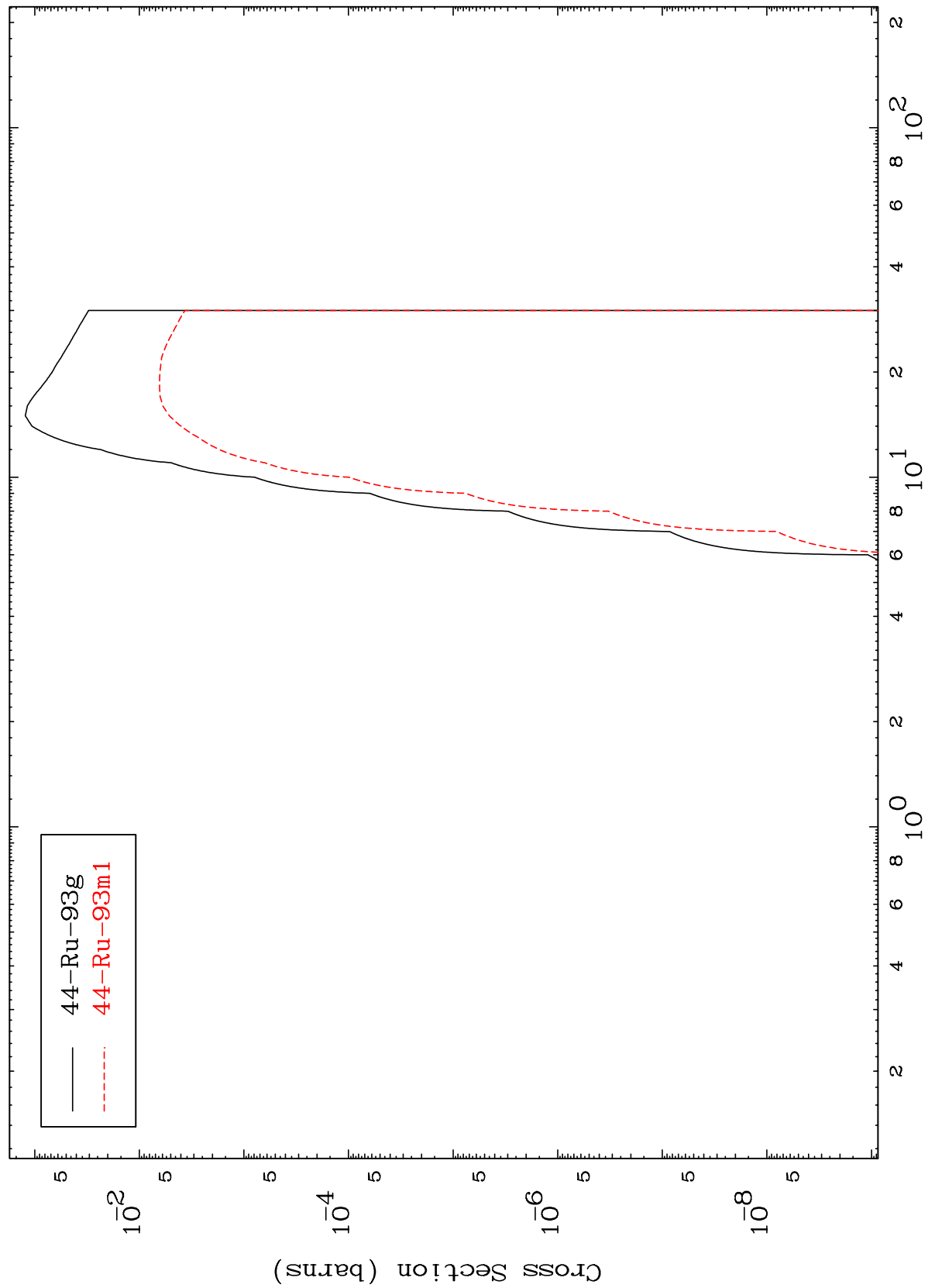
43-Tc-90

Incident Energy (MeV)

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43-Tc-90

(n,p)
Radionuclide Production Cross Section



— 44-Ru-93g
- - - 44-Ru-93m1

43-Tc-90

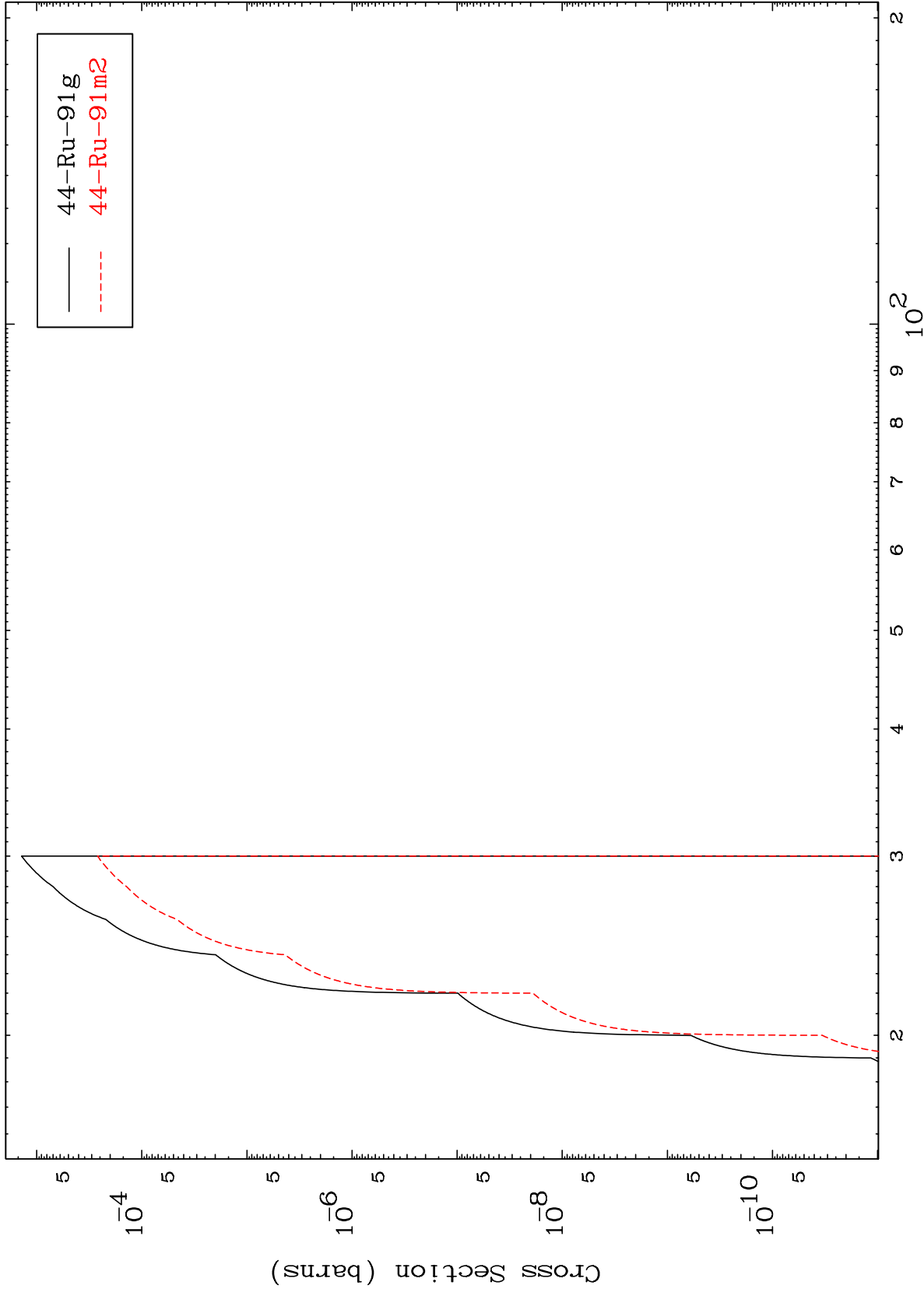
Incident Energy (MeV)

17

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43-Tc-90

(n, t)
Radionuclide Production Cross Section



18

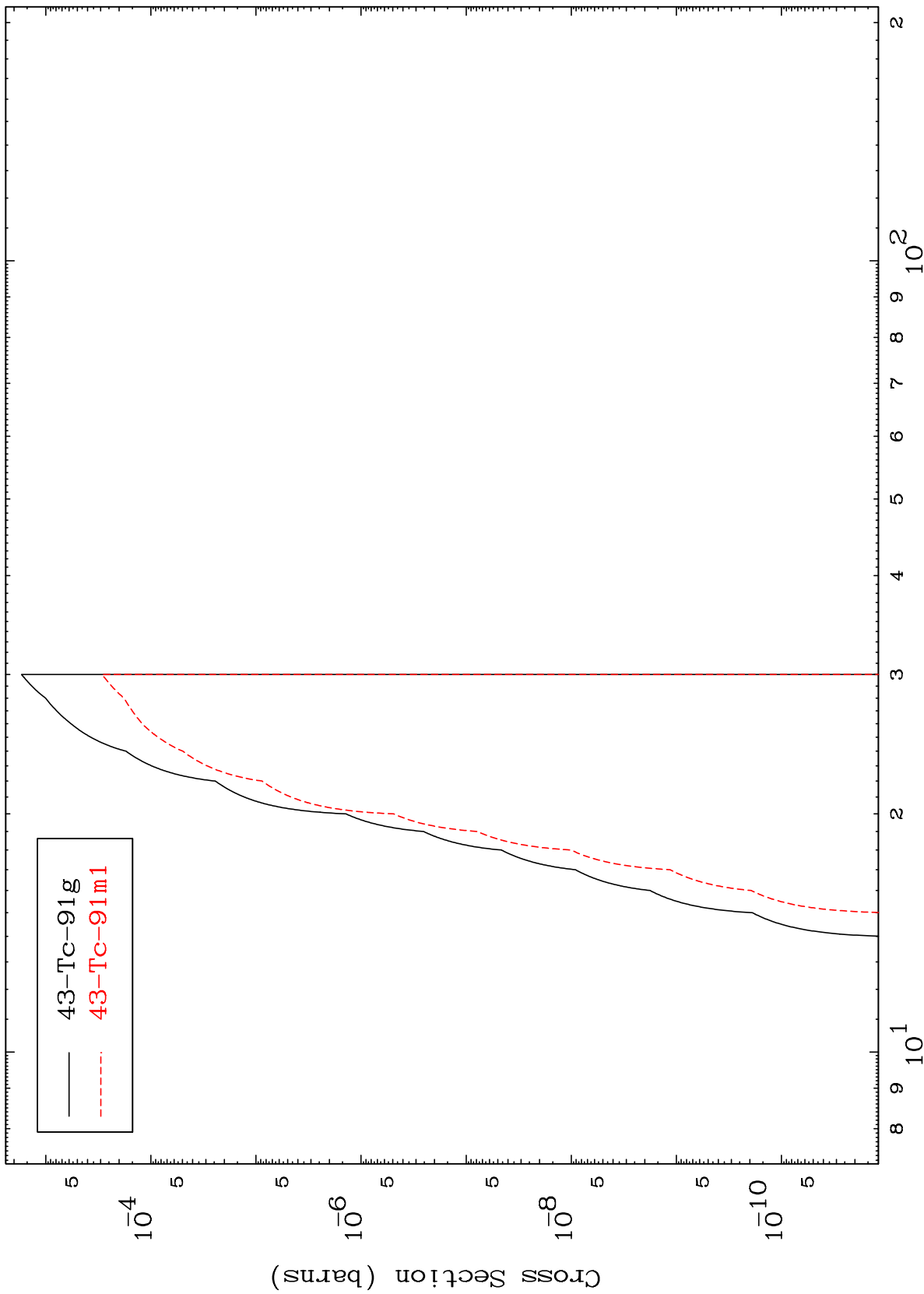
43-Tc-90

Incident Energy (MeV)

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43-Tc-90

Radionuclide Production Cross Section
(n,He-3)



19

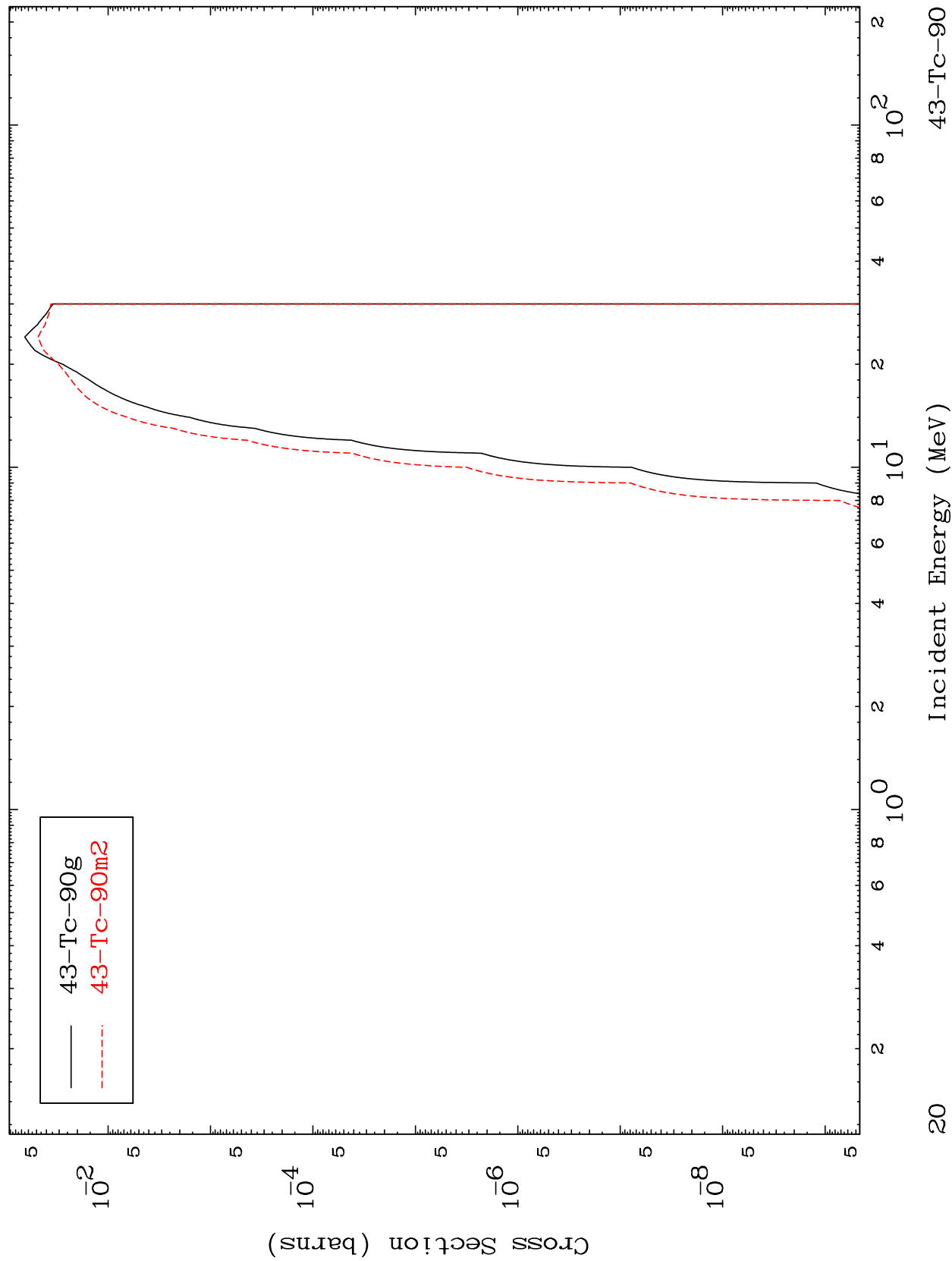
Incident Energy (MeV)

43-Tc-90

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43-Tc-90

Radionuclide Production Cross Section
(n, α)



20

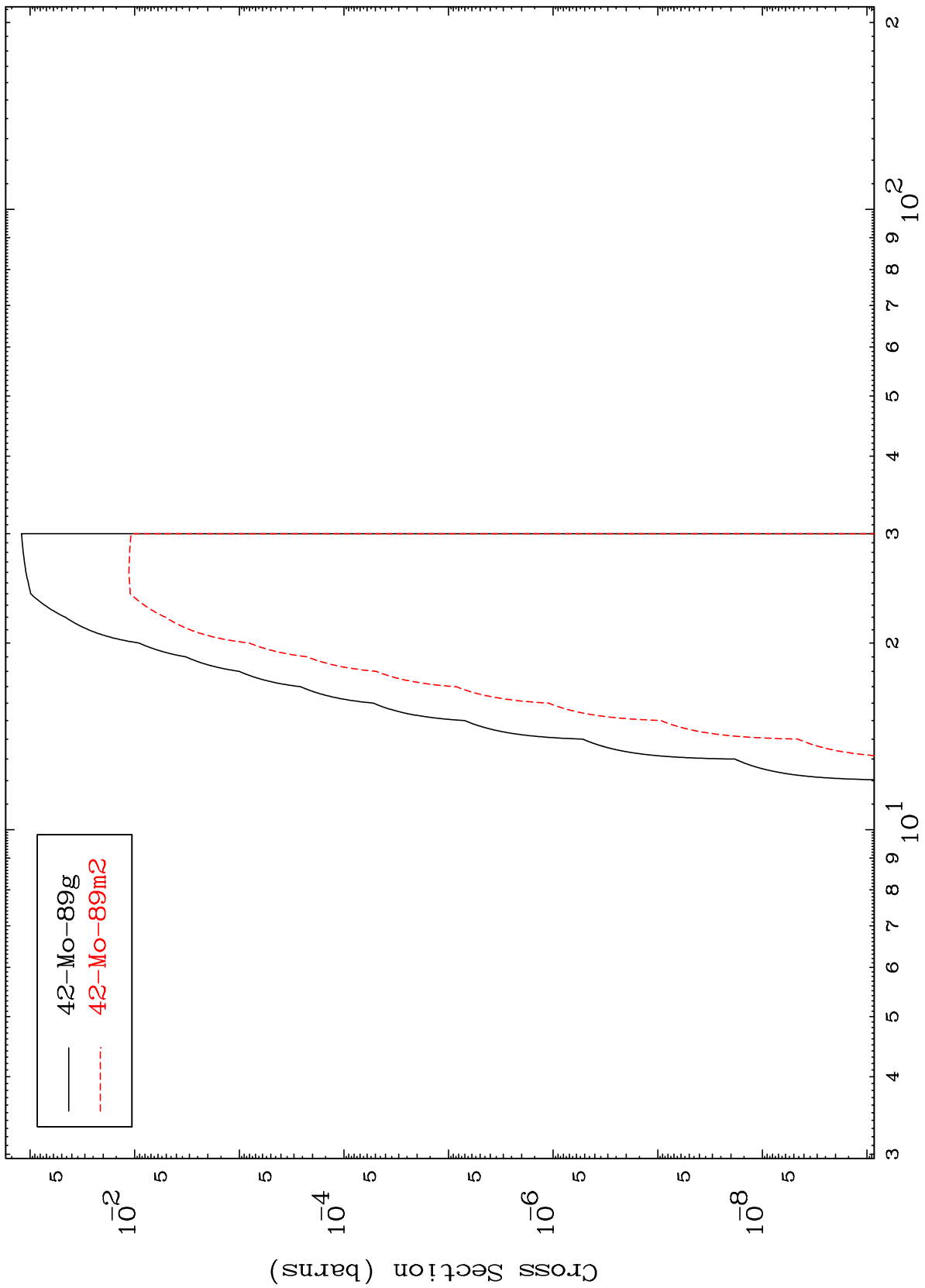
43-Tc-90

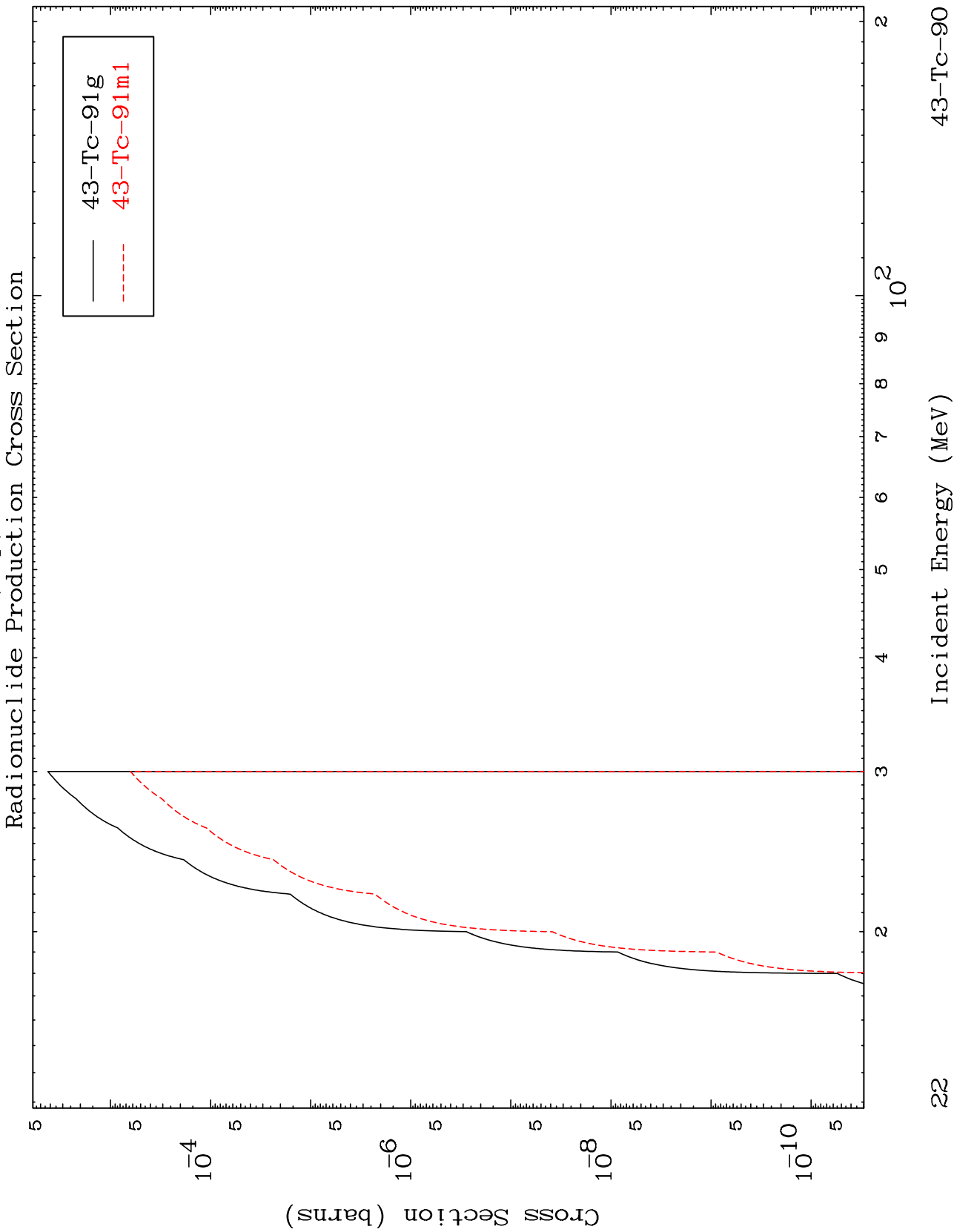
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(n,p) α

43-Tc-90

Radionuclide Production Cross Section





Radionuclide Production Cross Section

