

Program EVALPLOT
(Version 2021-1)

by

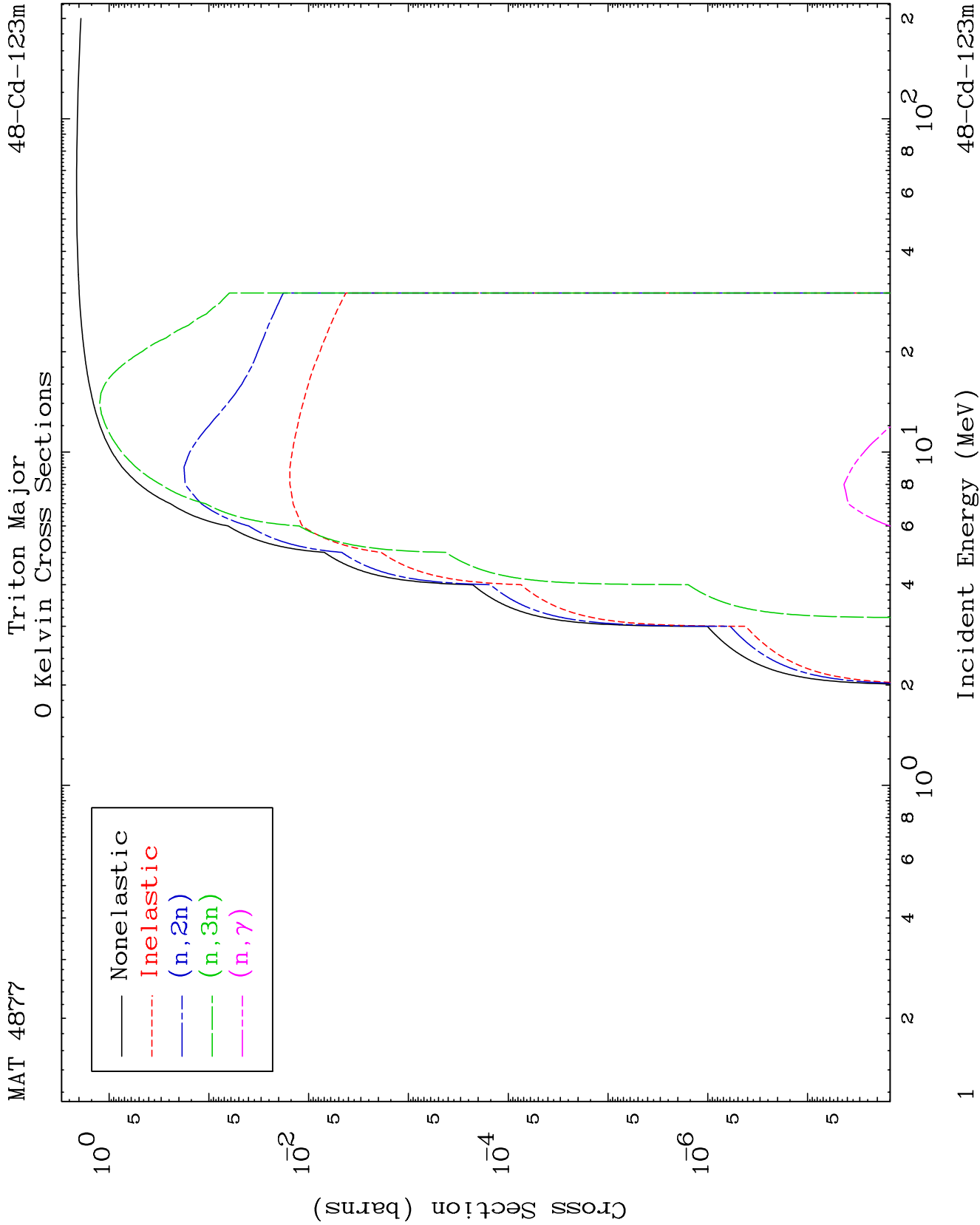
Dermott E. Cullen
(Present Contact Information)

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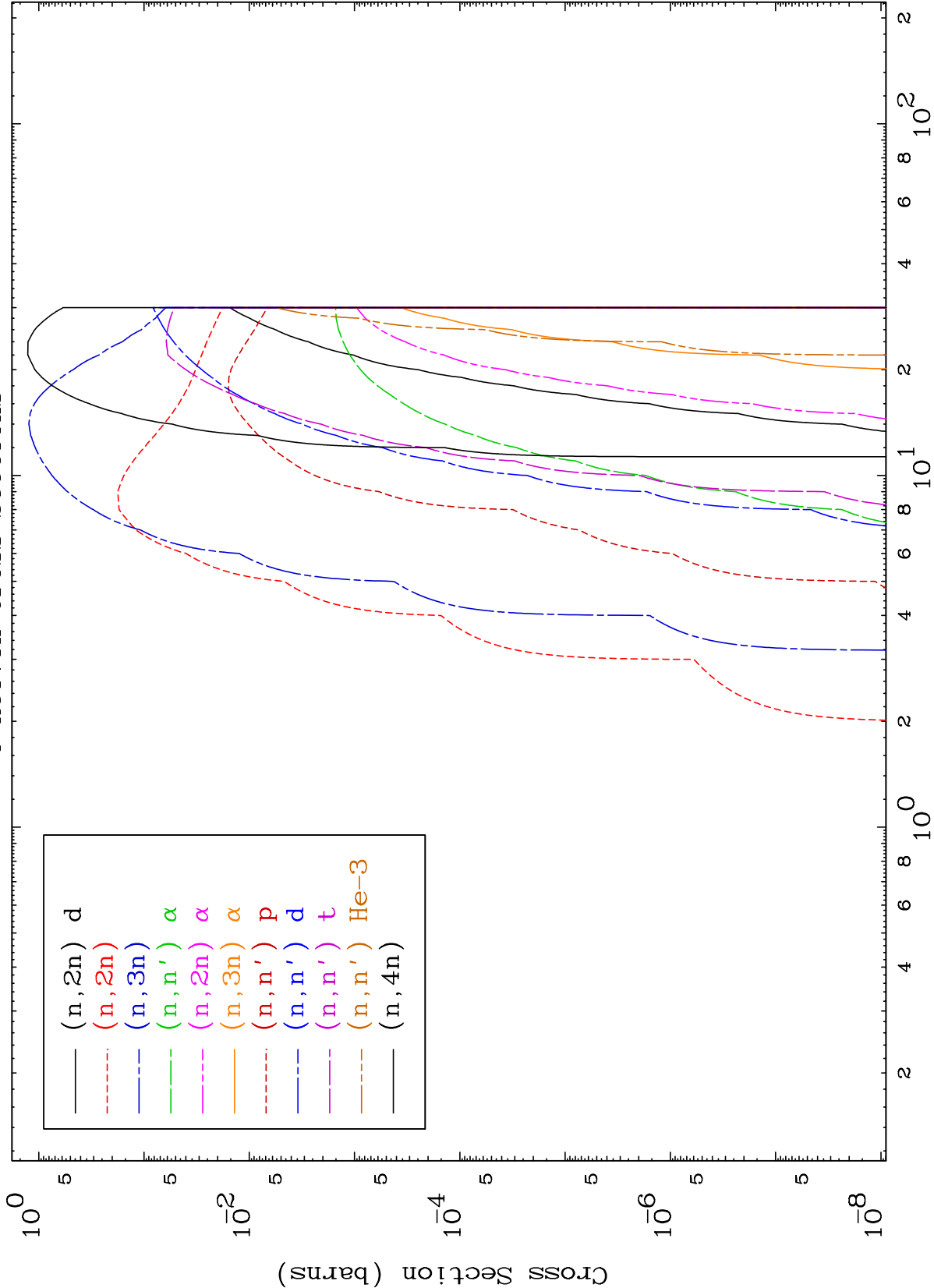
Press Mouse Button to Start

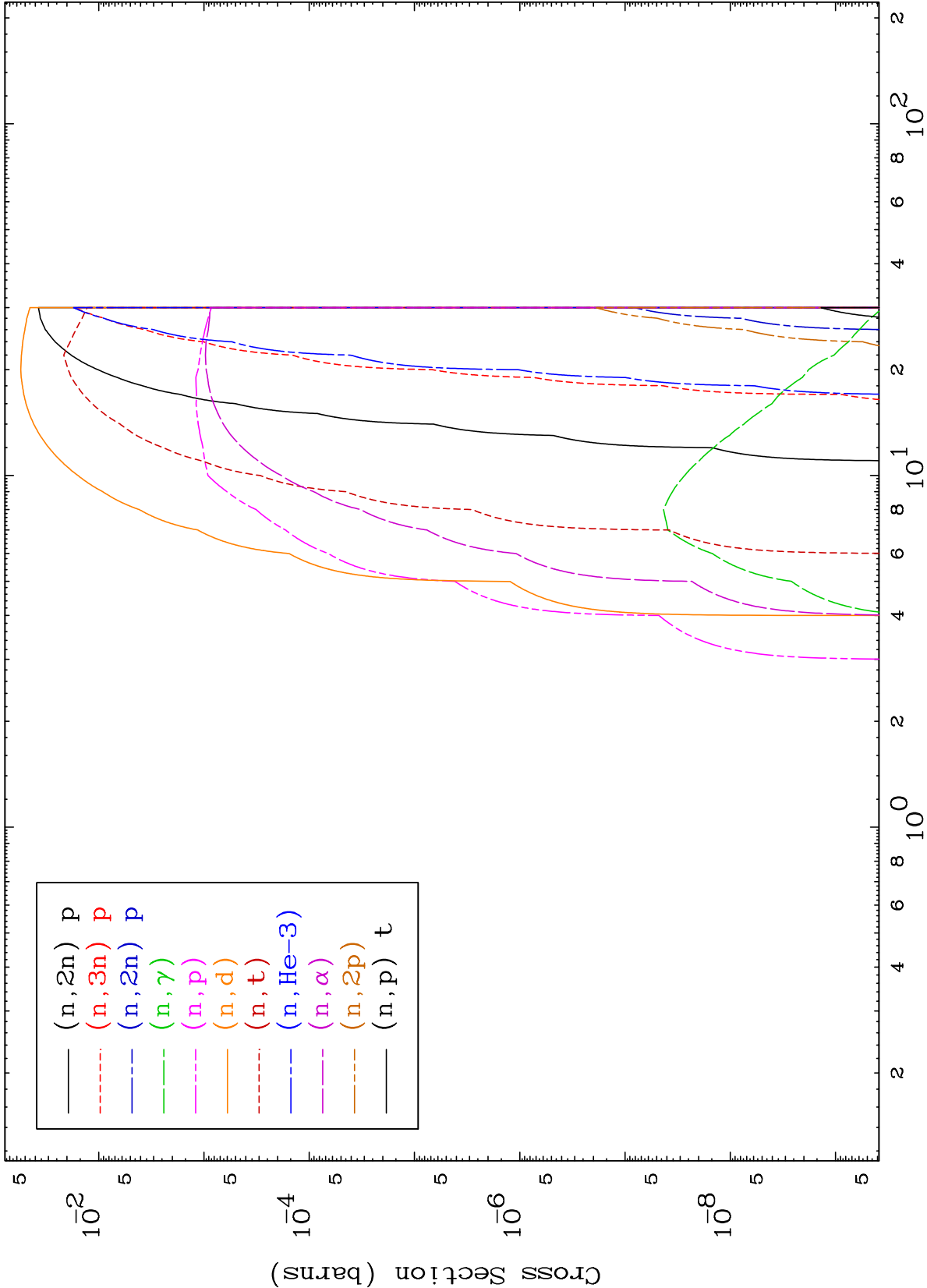


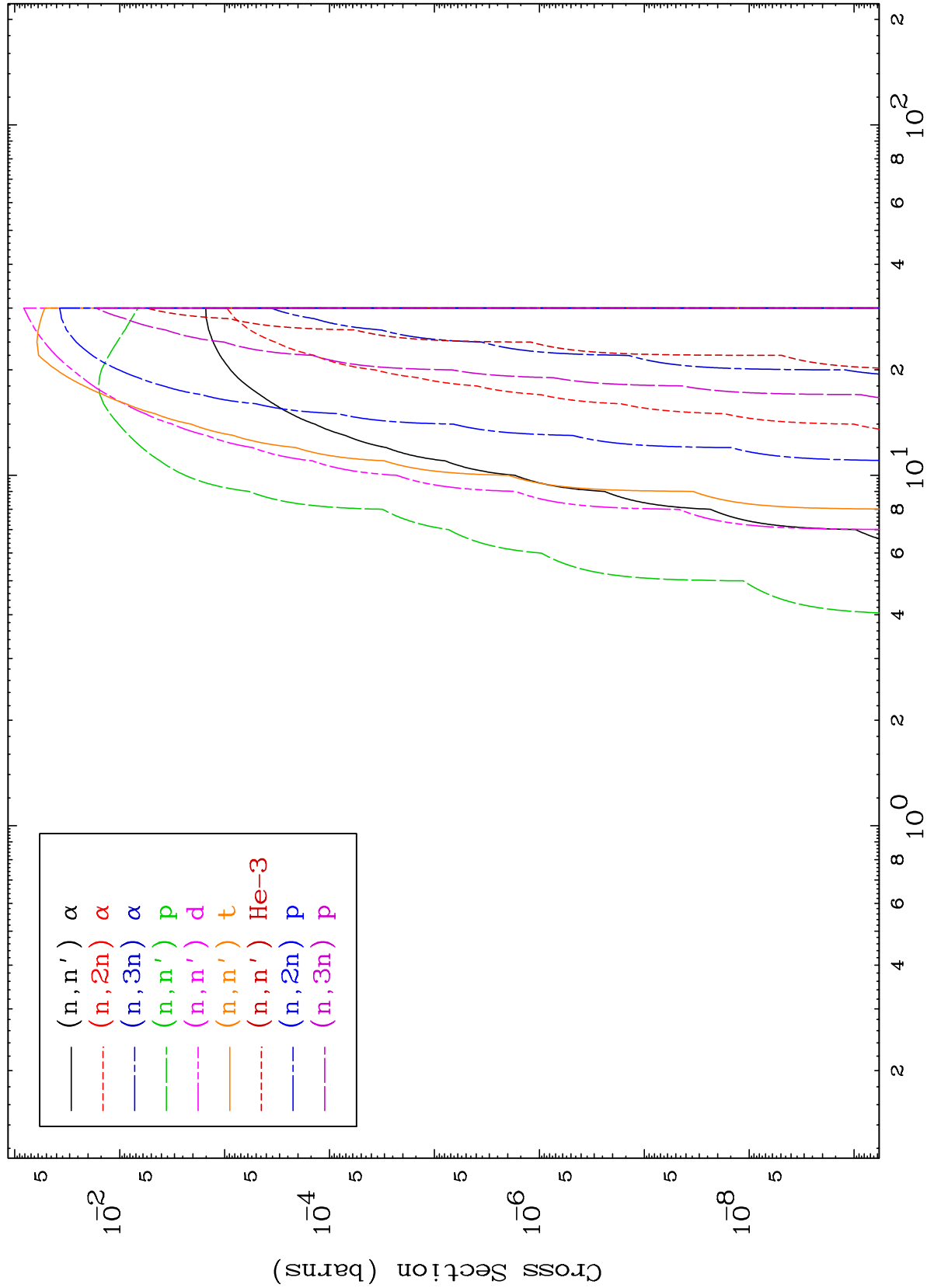
MAT 4877

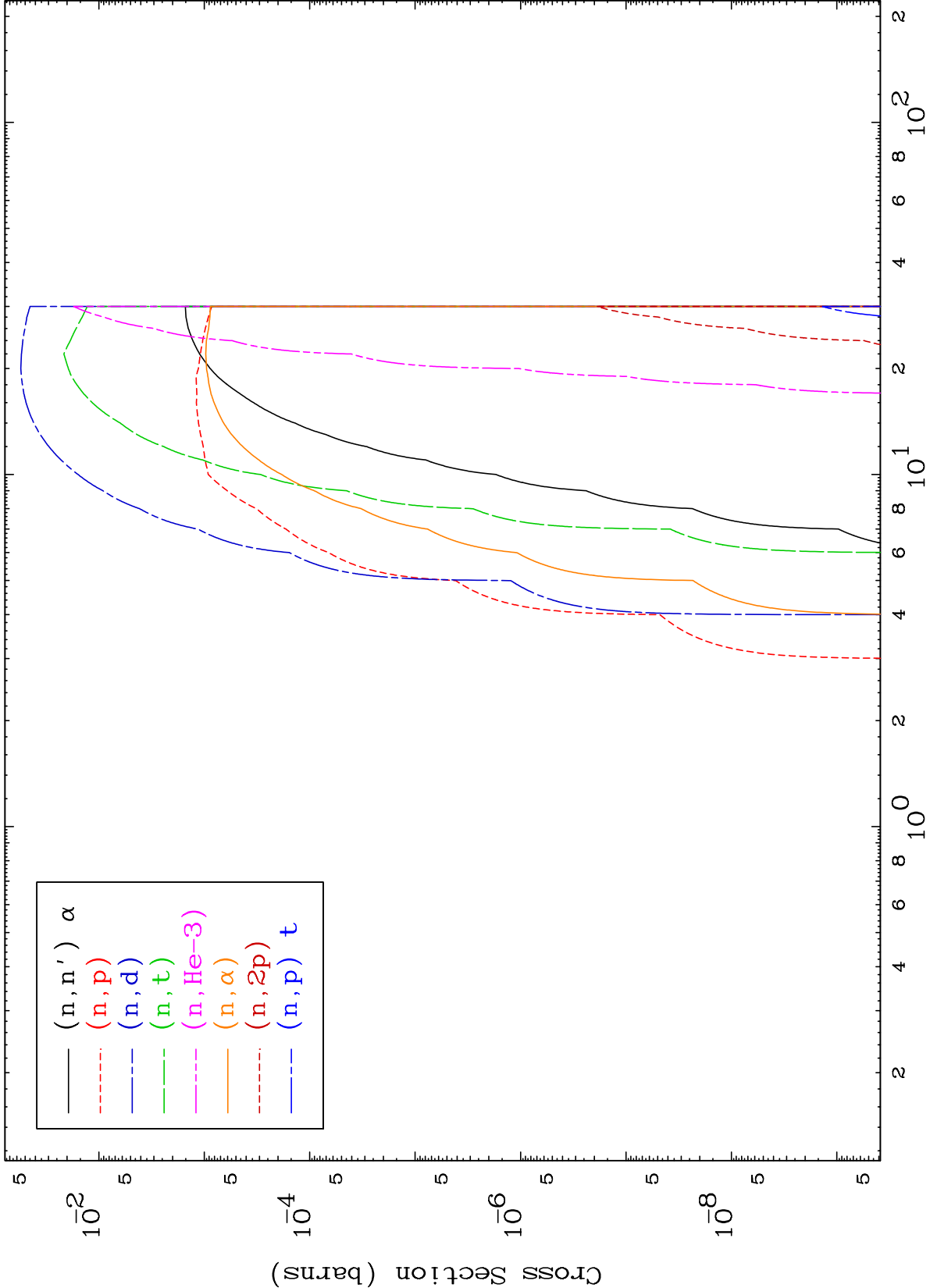
Triton Neutron Absorption
0 Kelvin Cross Sections

48-Cd-123m





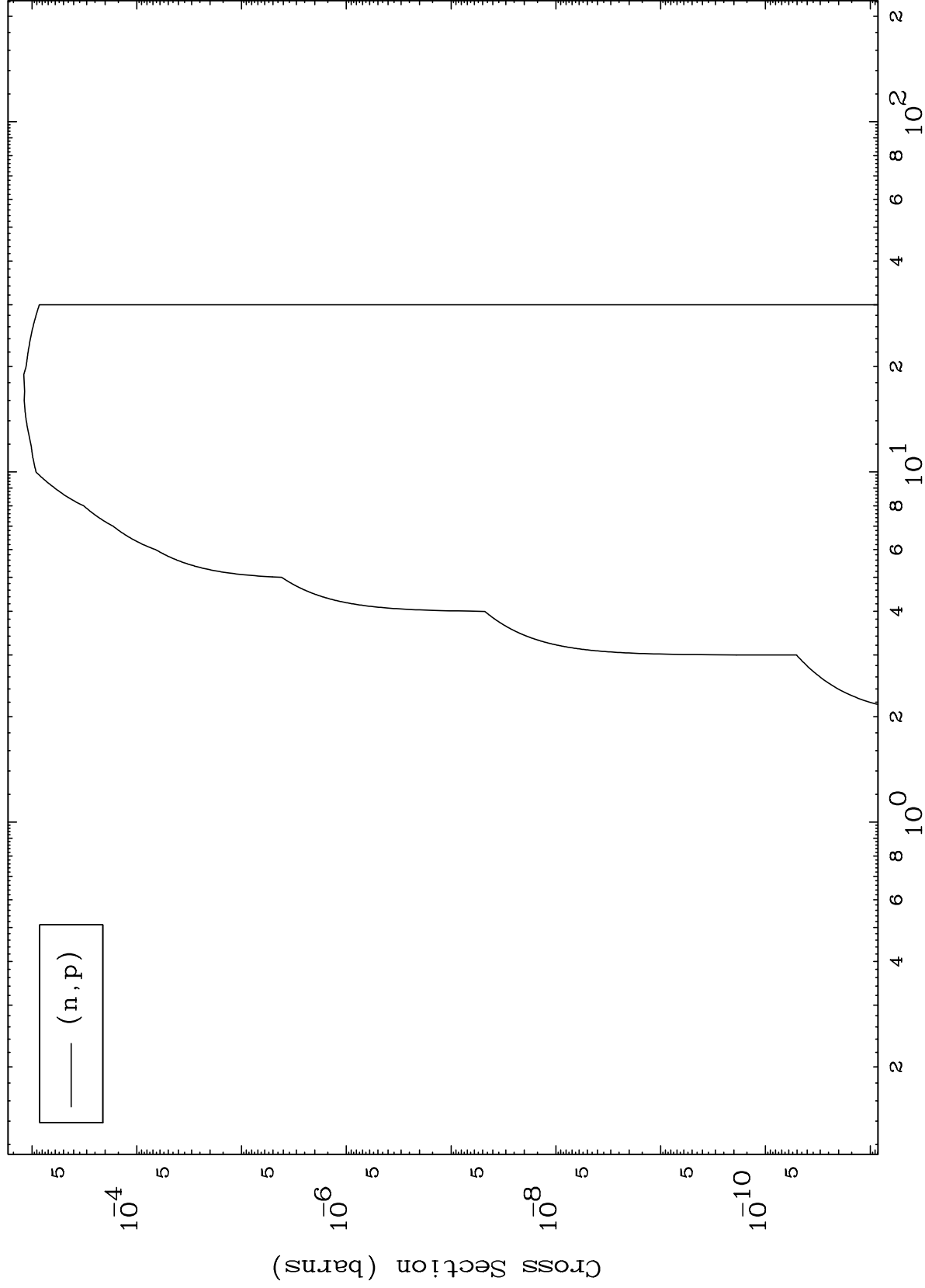




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48-Cd-123m

(t,p) Levels
0 Kelvin Cross Sections



48-Cd-123m

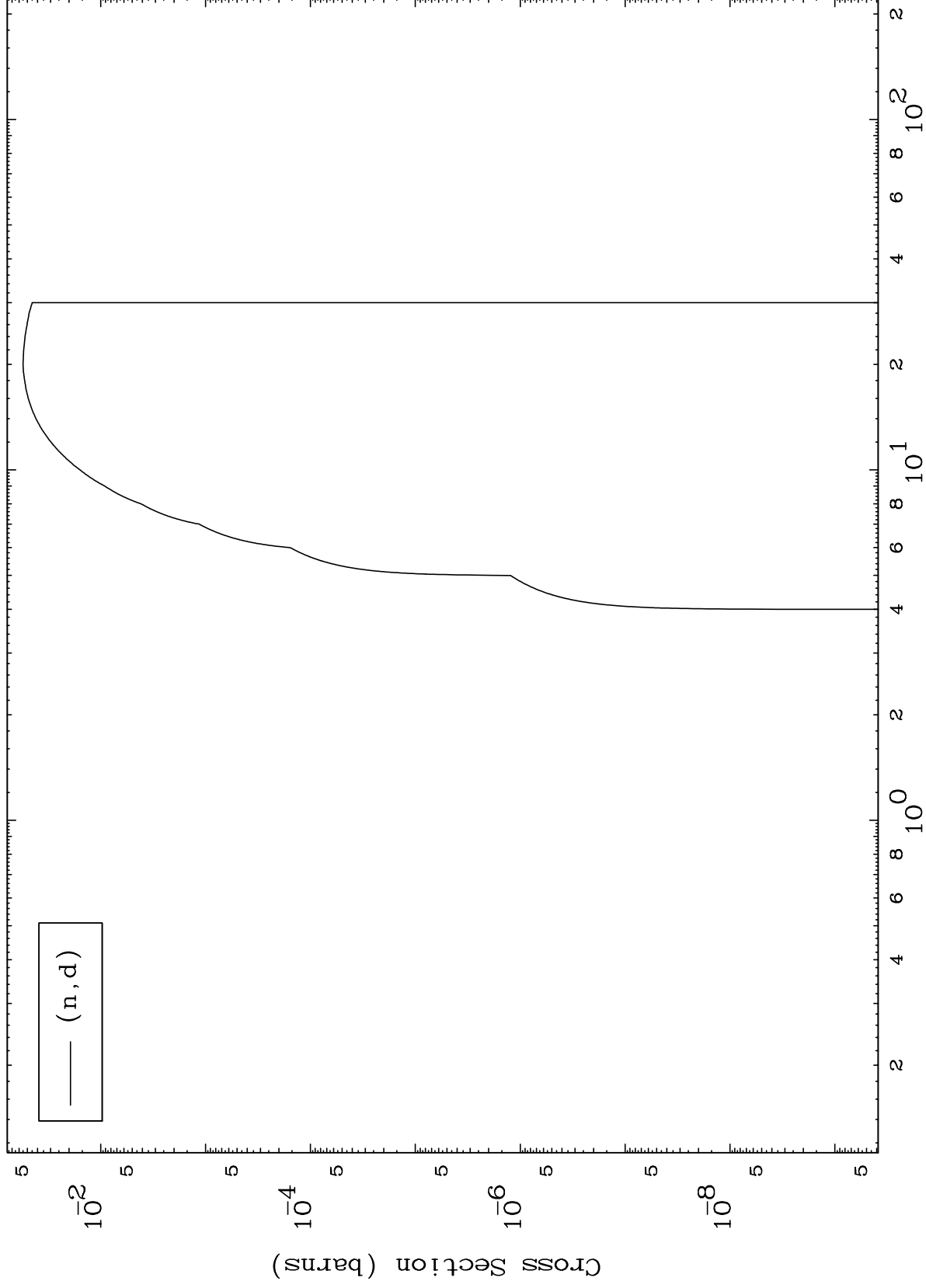
Incident Energy (MeV)

6

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48-Cd-123m

(t,d) Levels
0 Kelvin Cross Sections



7

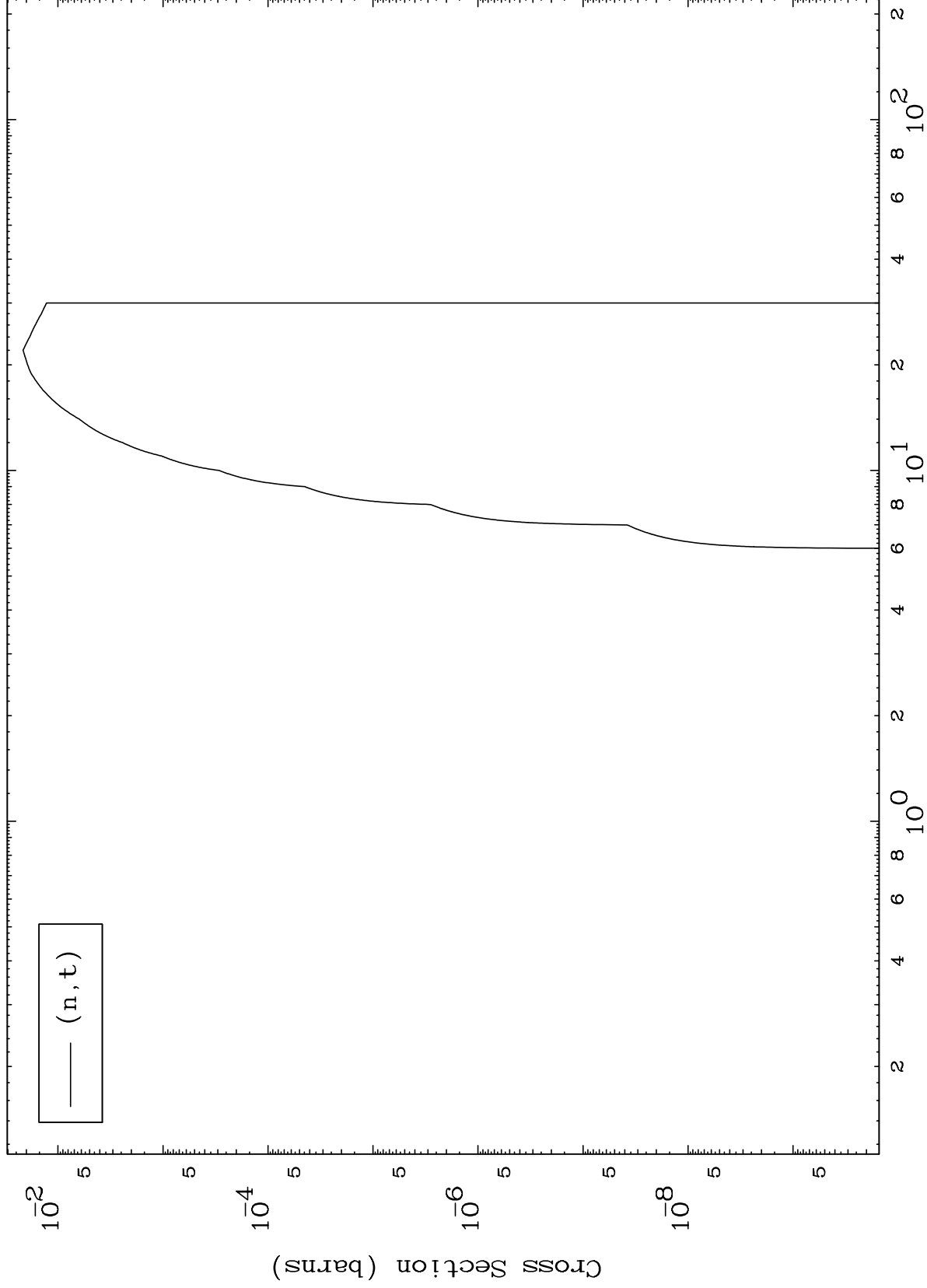
48-Cd-123m

Incident Energy (MeV)

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48-Cd-123m

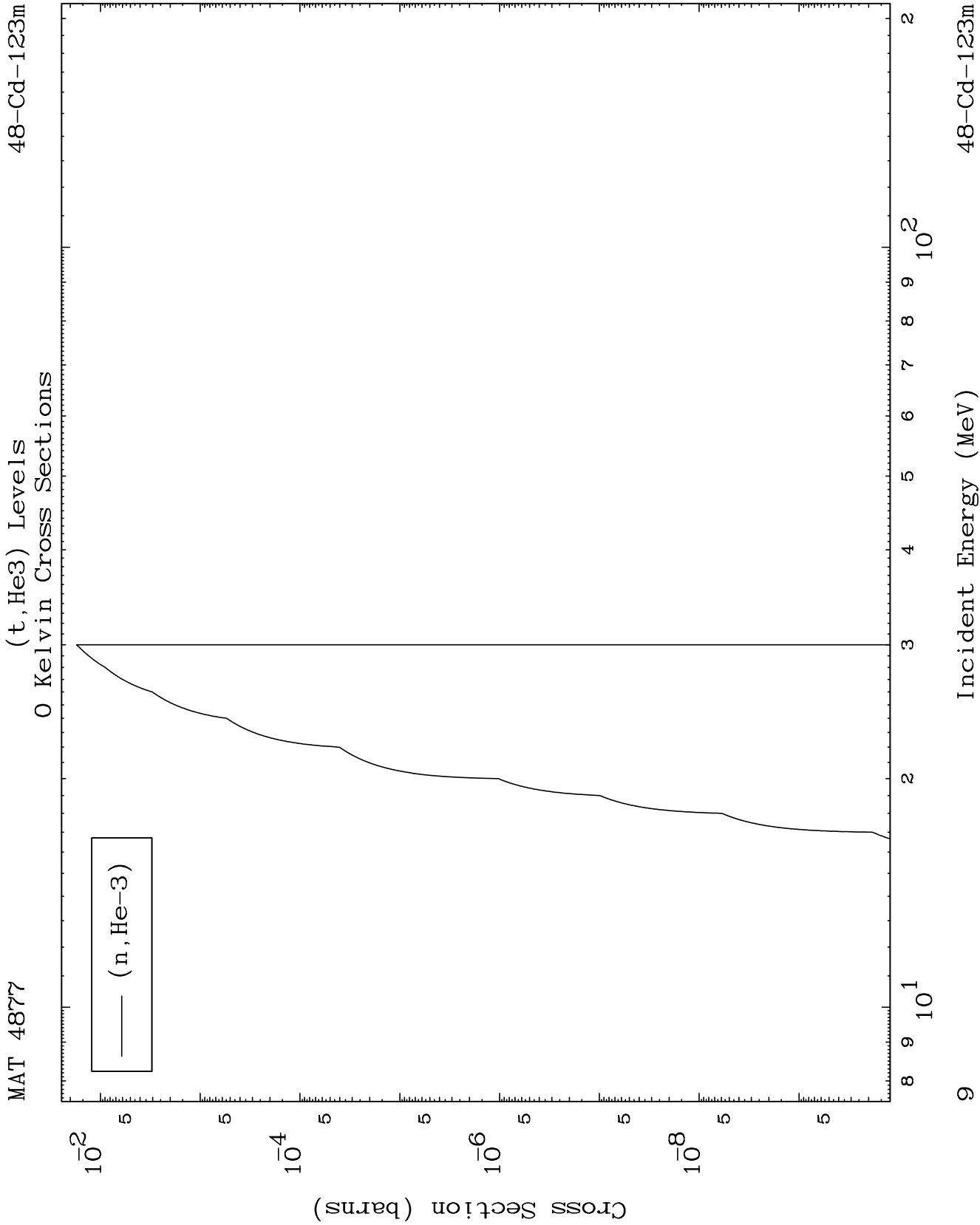
(t,t) Levels
0 Kelvin Cross Sections



8

48-Cd-123m

Incident Energy (MeV)

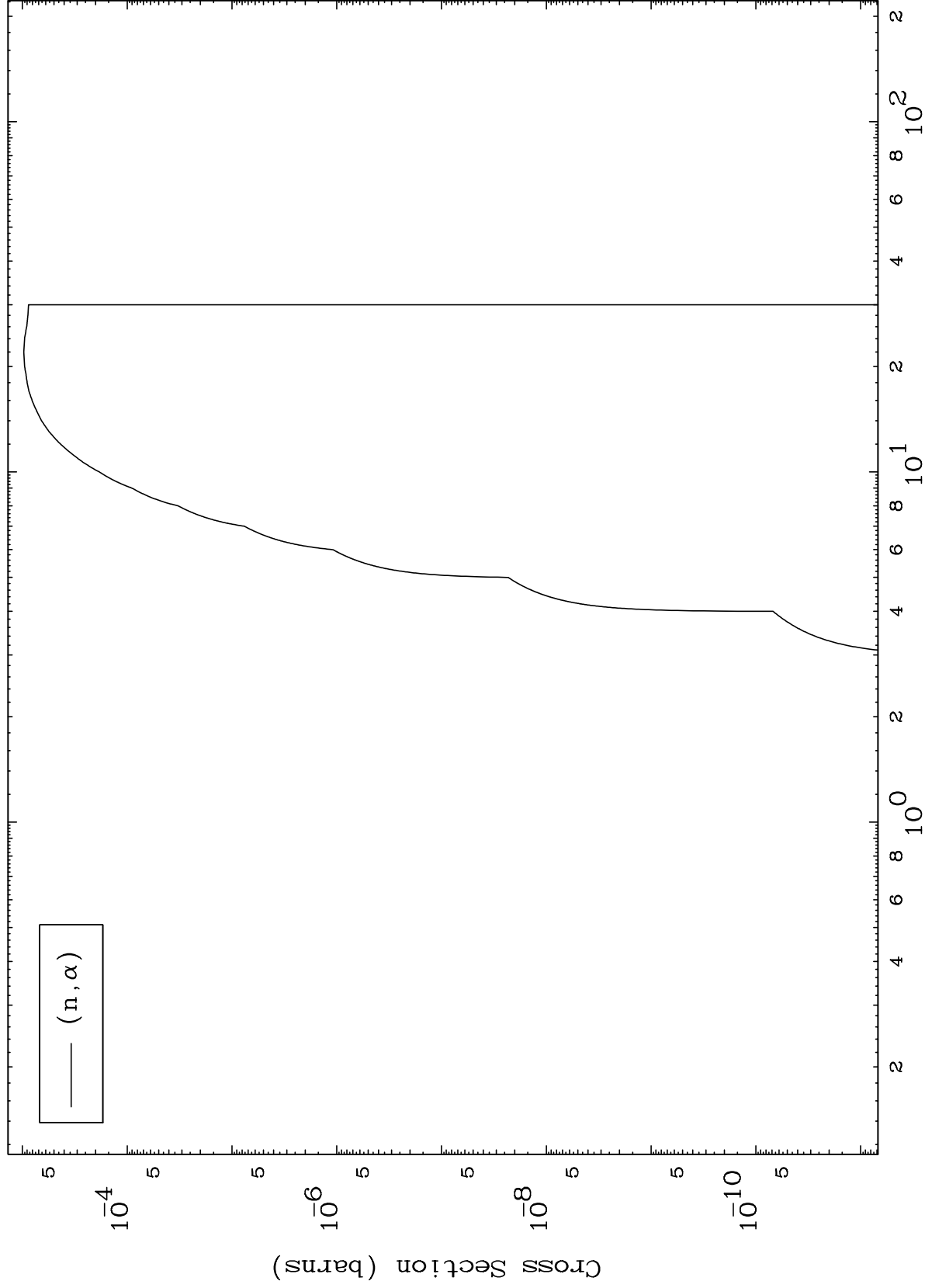


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(t, α) Levels

48-Cd-123m

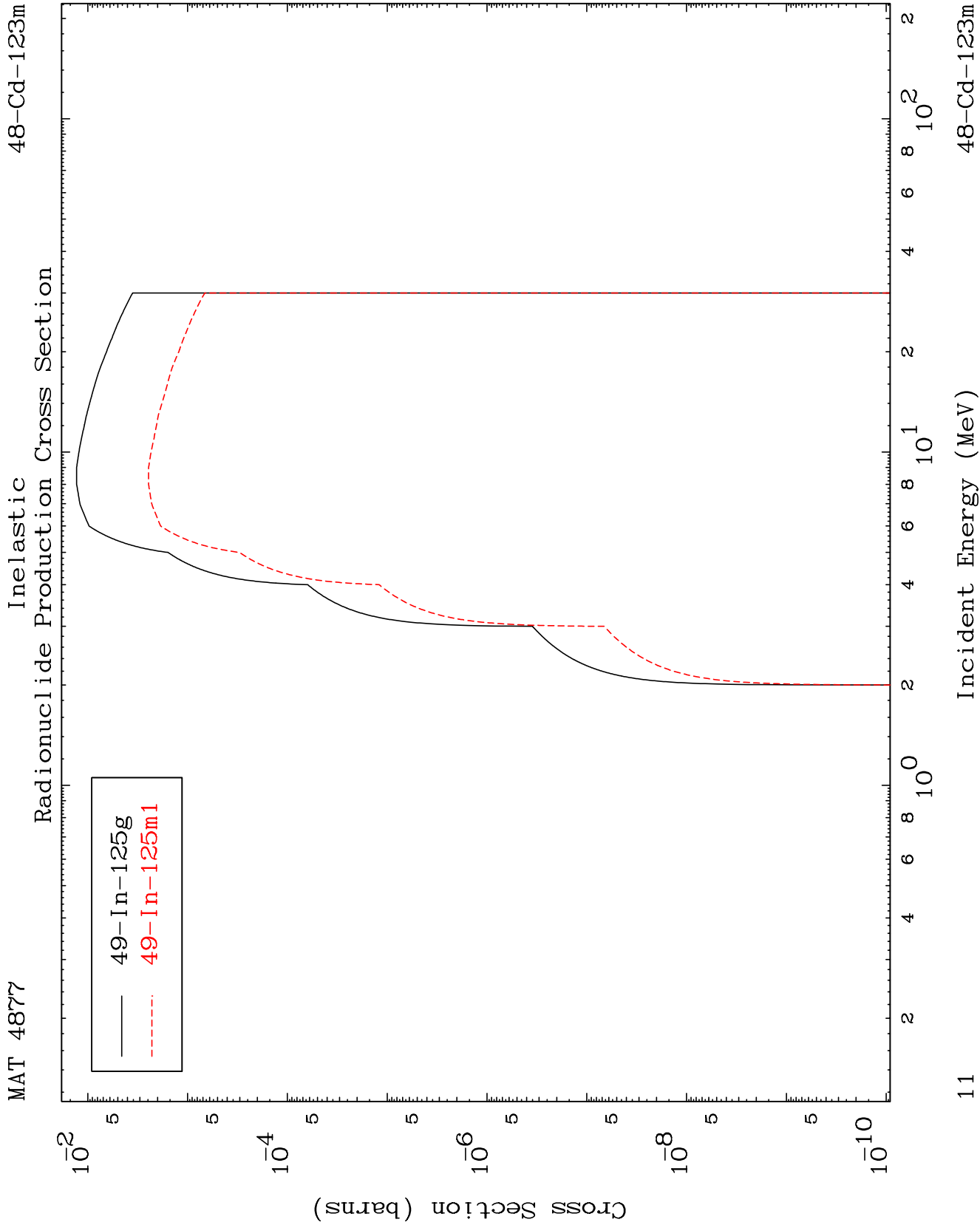
0 Kelvin Cross Sections



10

Incident Energy (MeV)

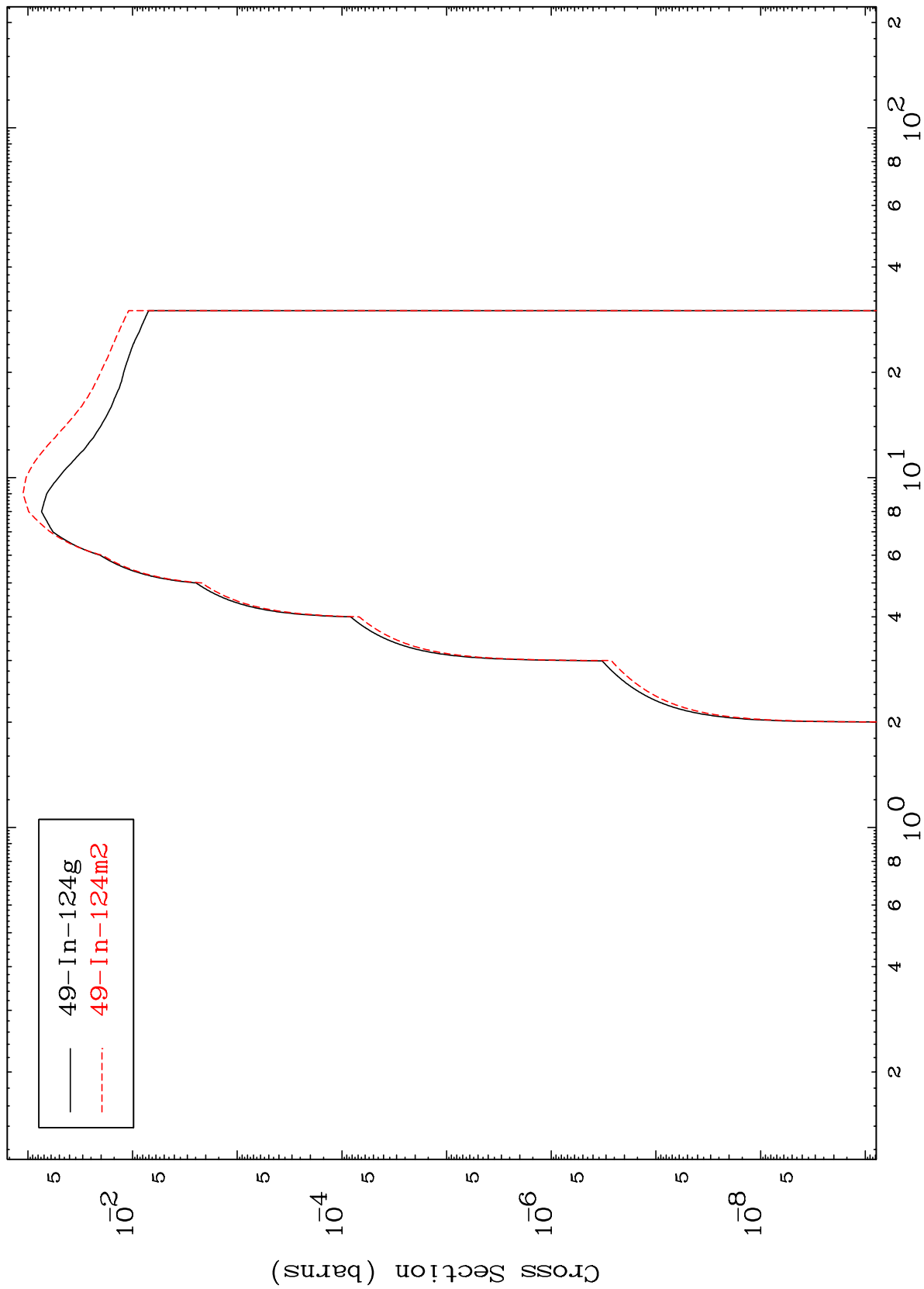
48-Cd-123m



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48-Cd-123m

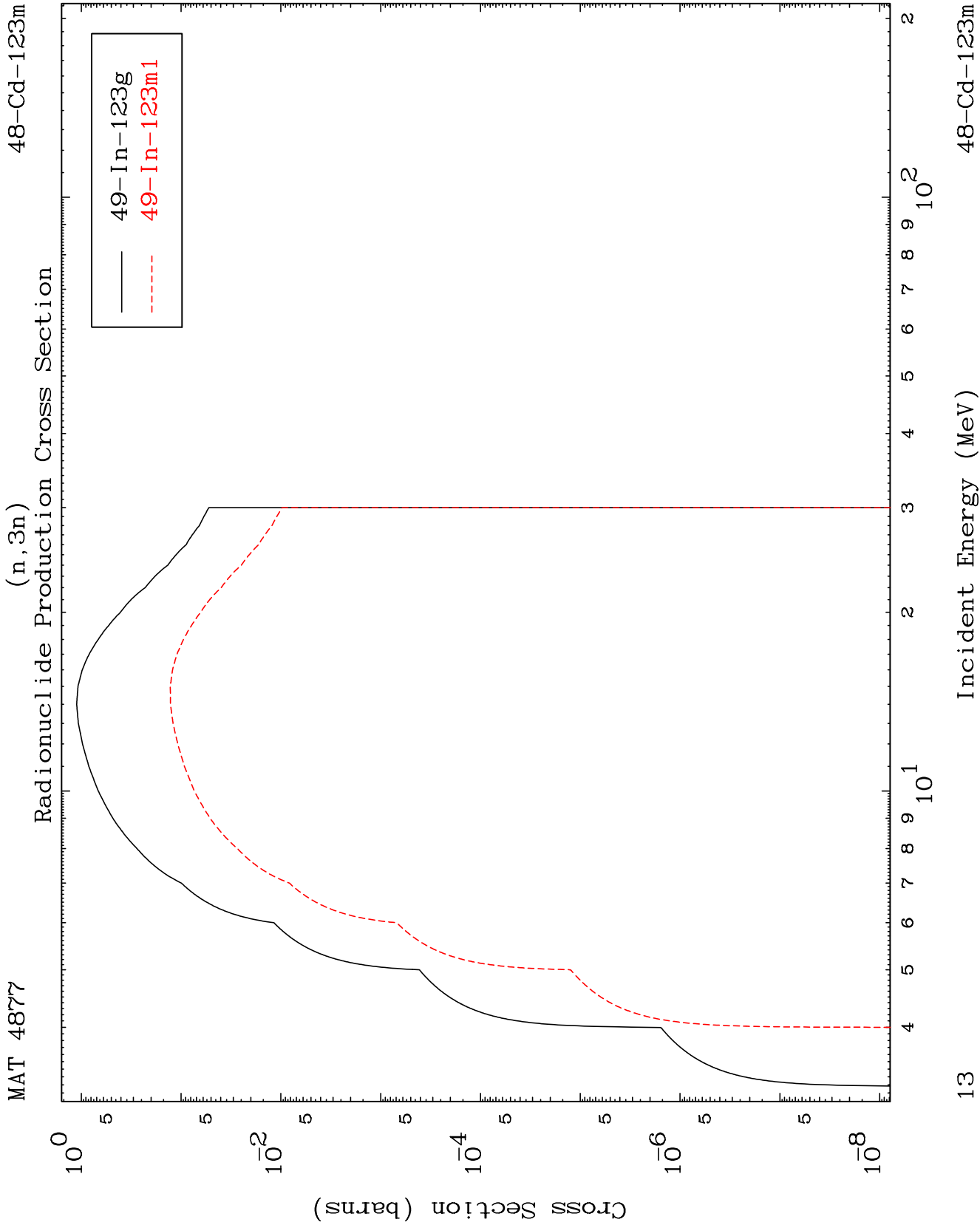
(n,2n)
Radionuclide Production Cross Section

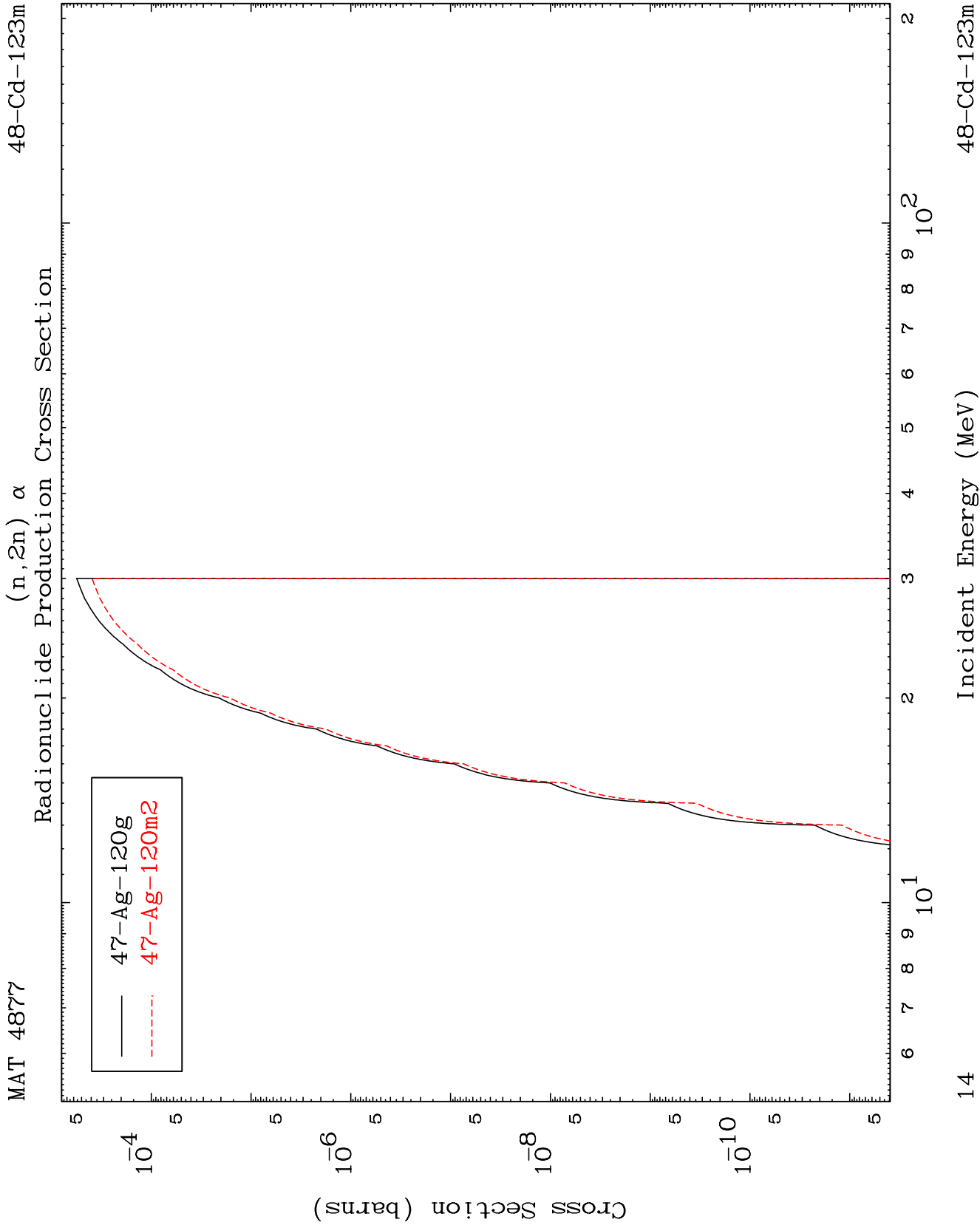


Incident Energy (MeV)

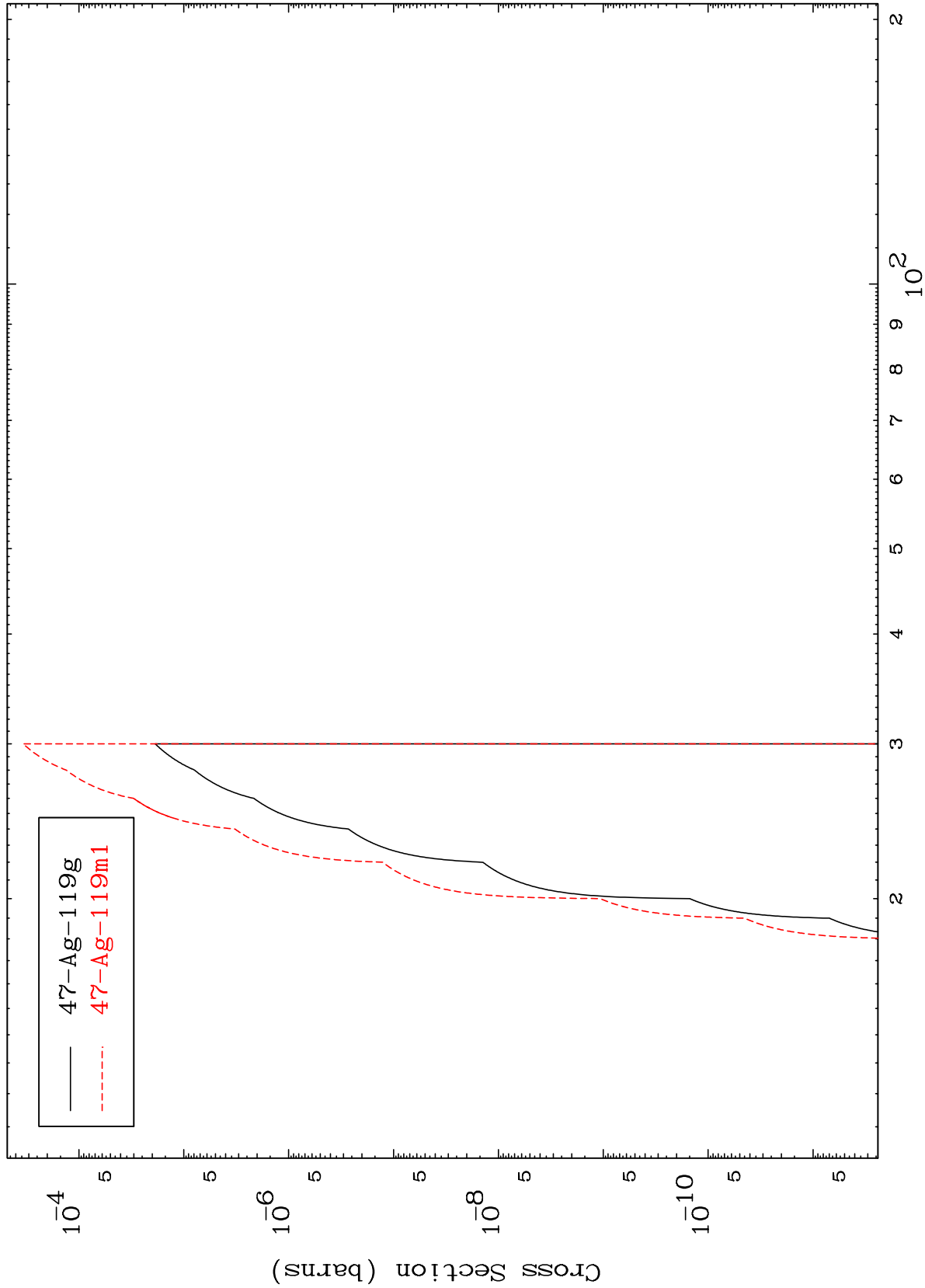
48-Cd-123m

12





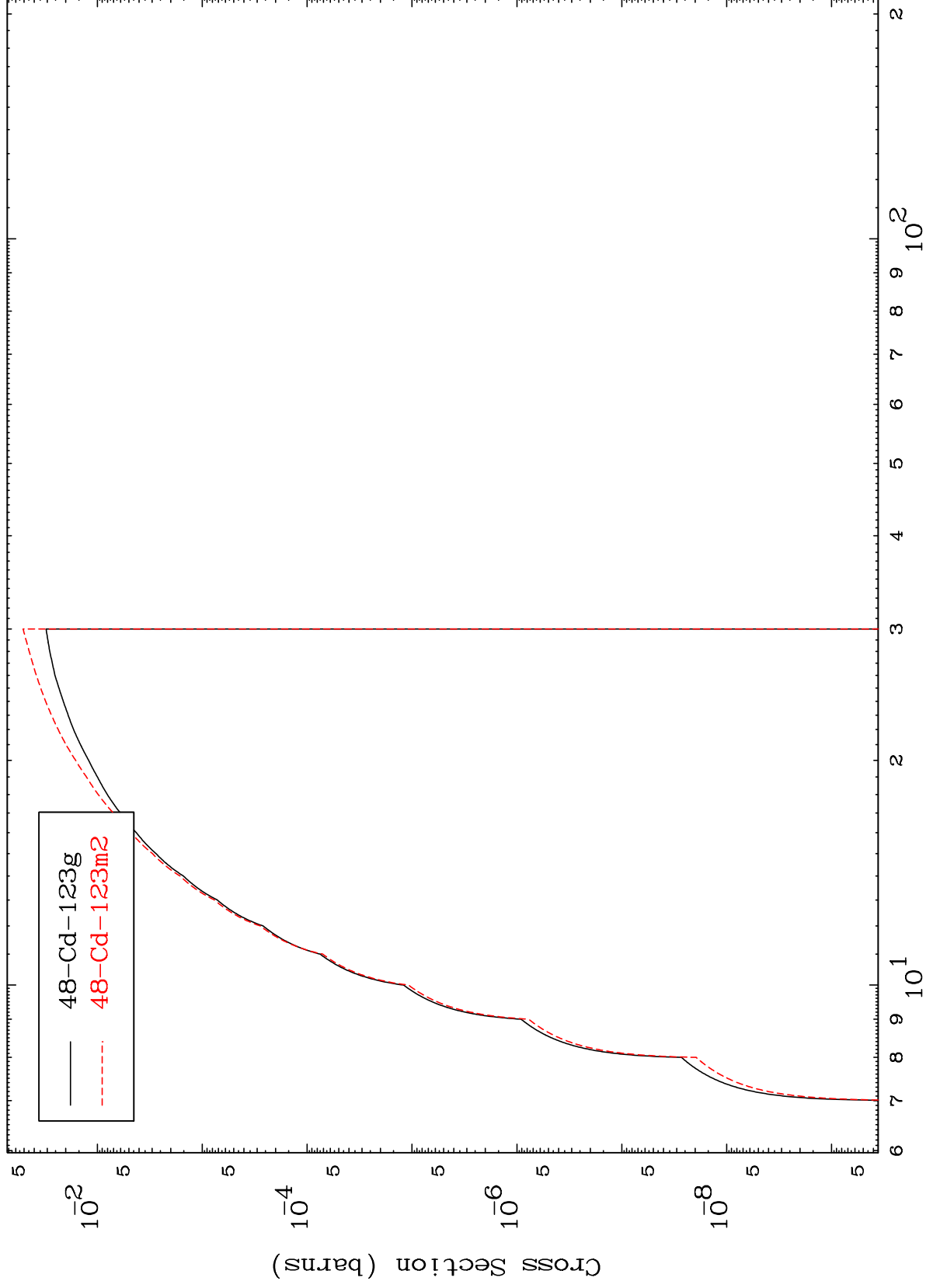
Radionuclide Production Cross Section
(n,3n) α



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48-Cd-123m

(n,n') d
Radionuclide Production Cross Section



48-Cd-123m

Incident Energy (MeV)

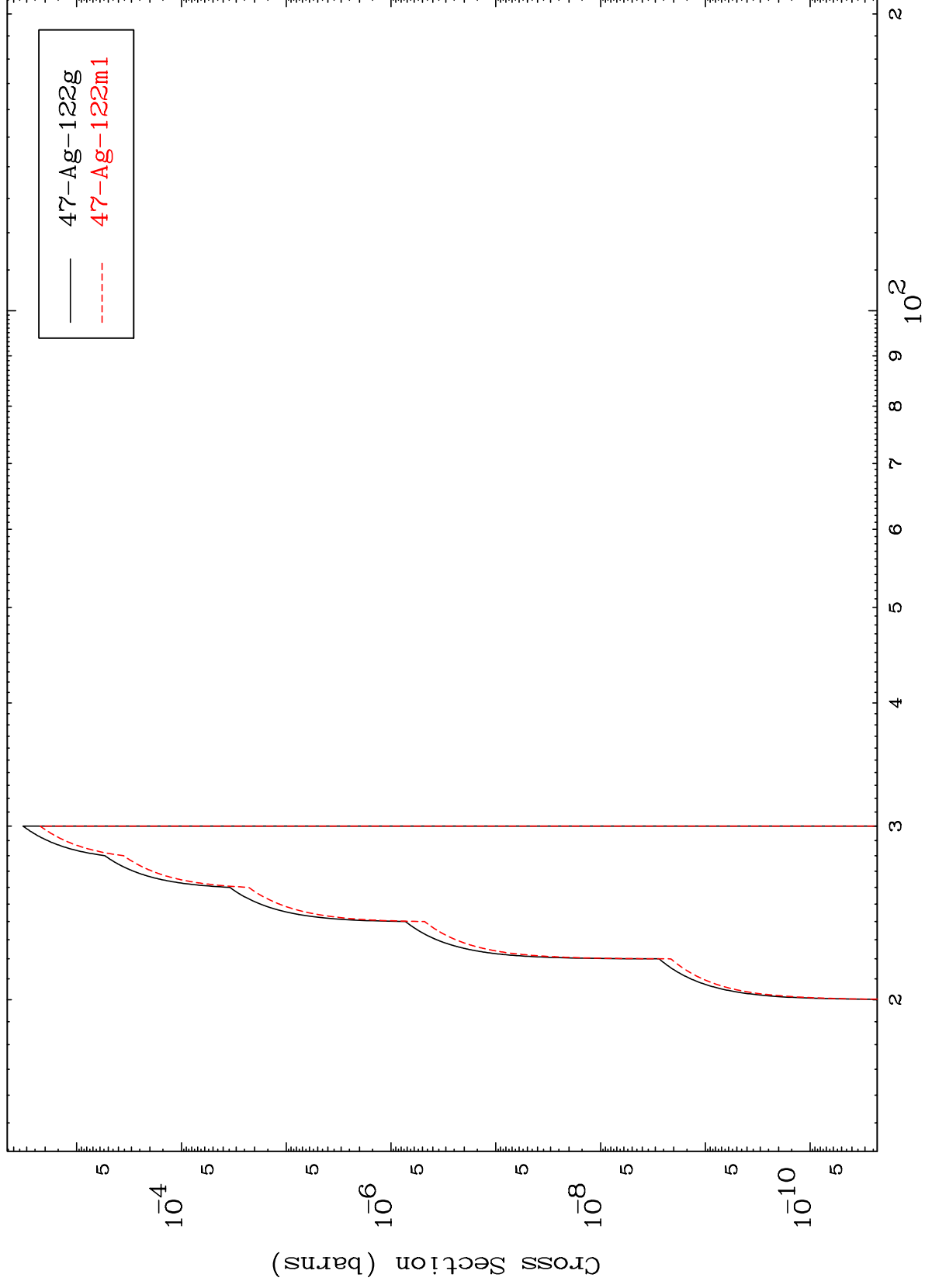
16

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(n,n') He-3

48-Cd-123m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

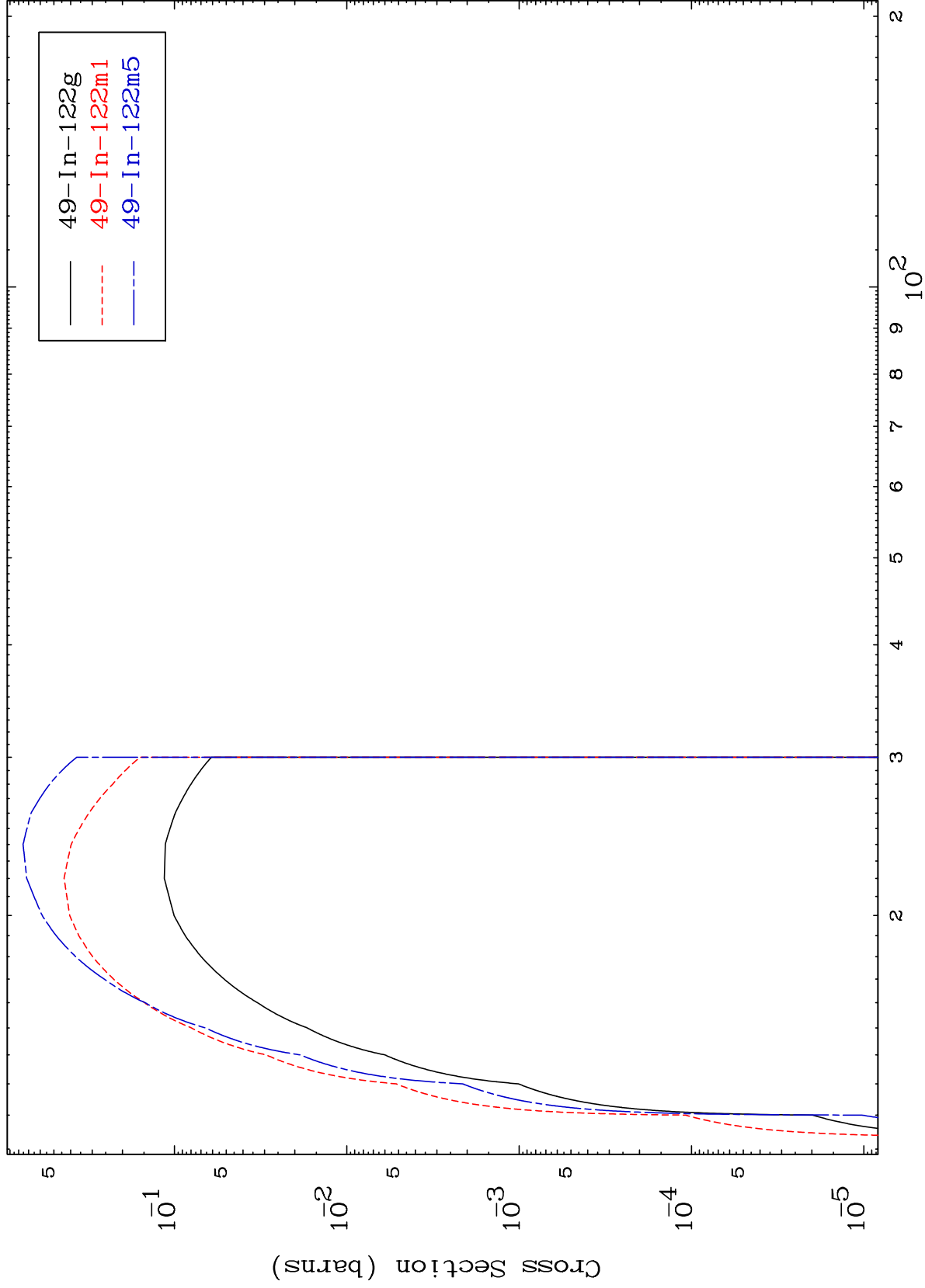
48-Cd-123m

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(n,4n)

48-Cd-123m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

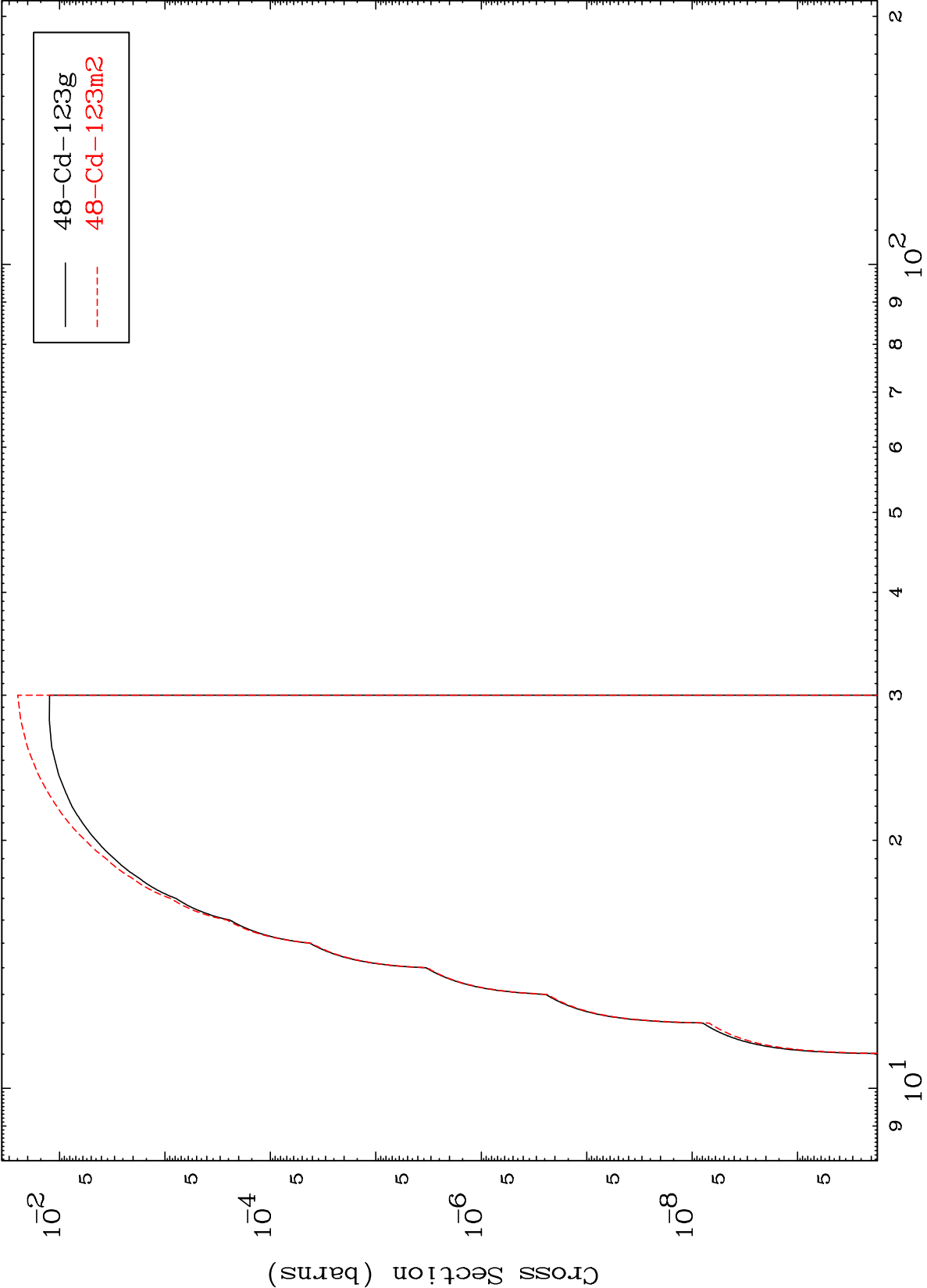
48-Cd-123m

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(n,2n) p

48-Cd-123m

Radionuclide Production Cross Section



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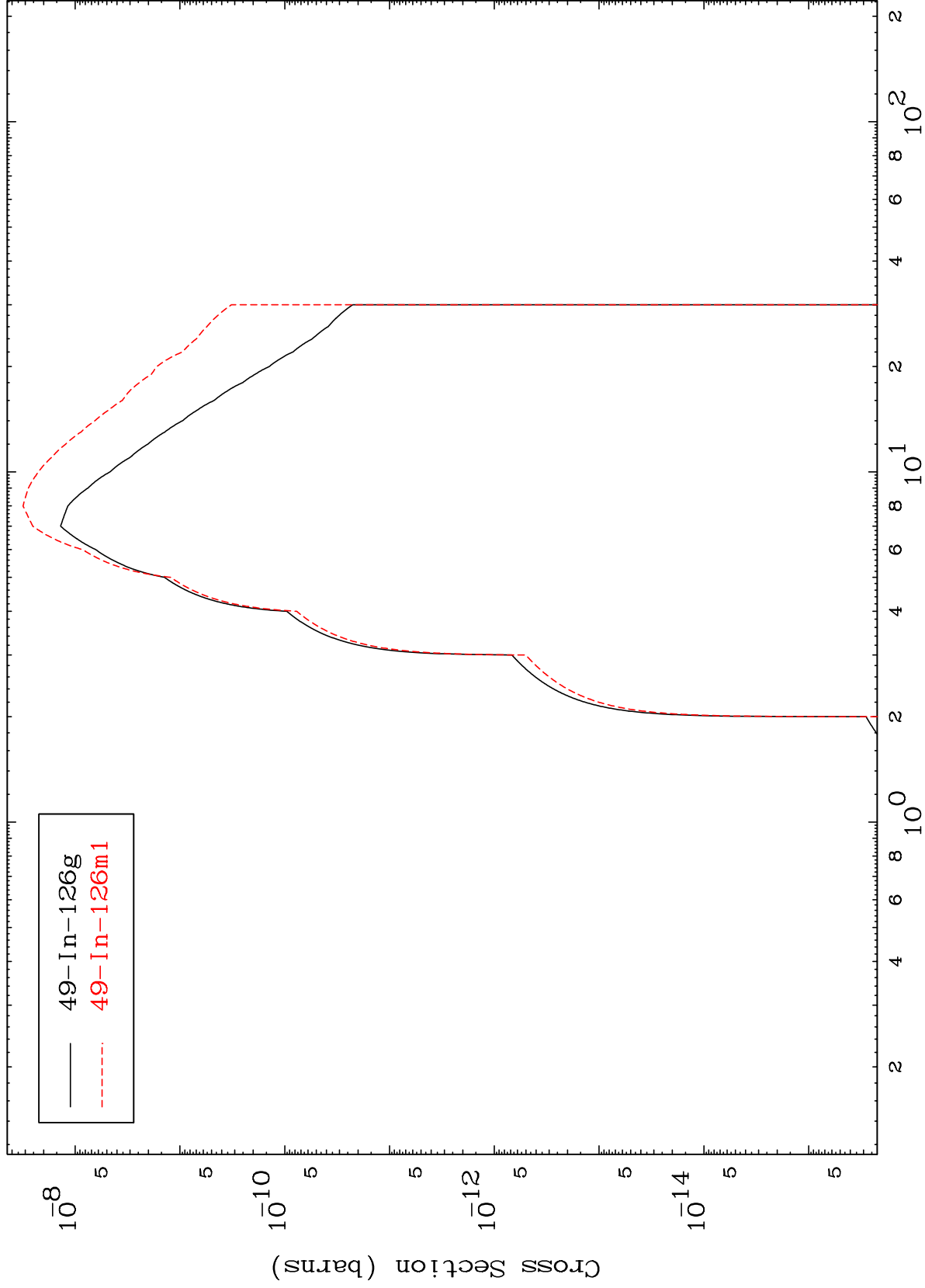
Incident Energy (MeV)

48-Cd-123m

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48-Cd-123m

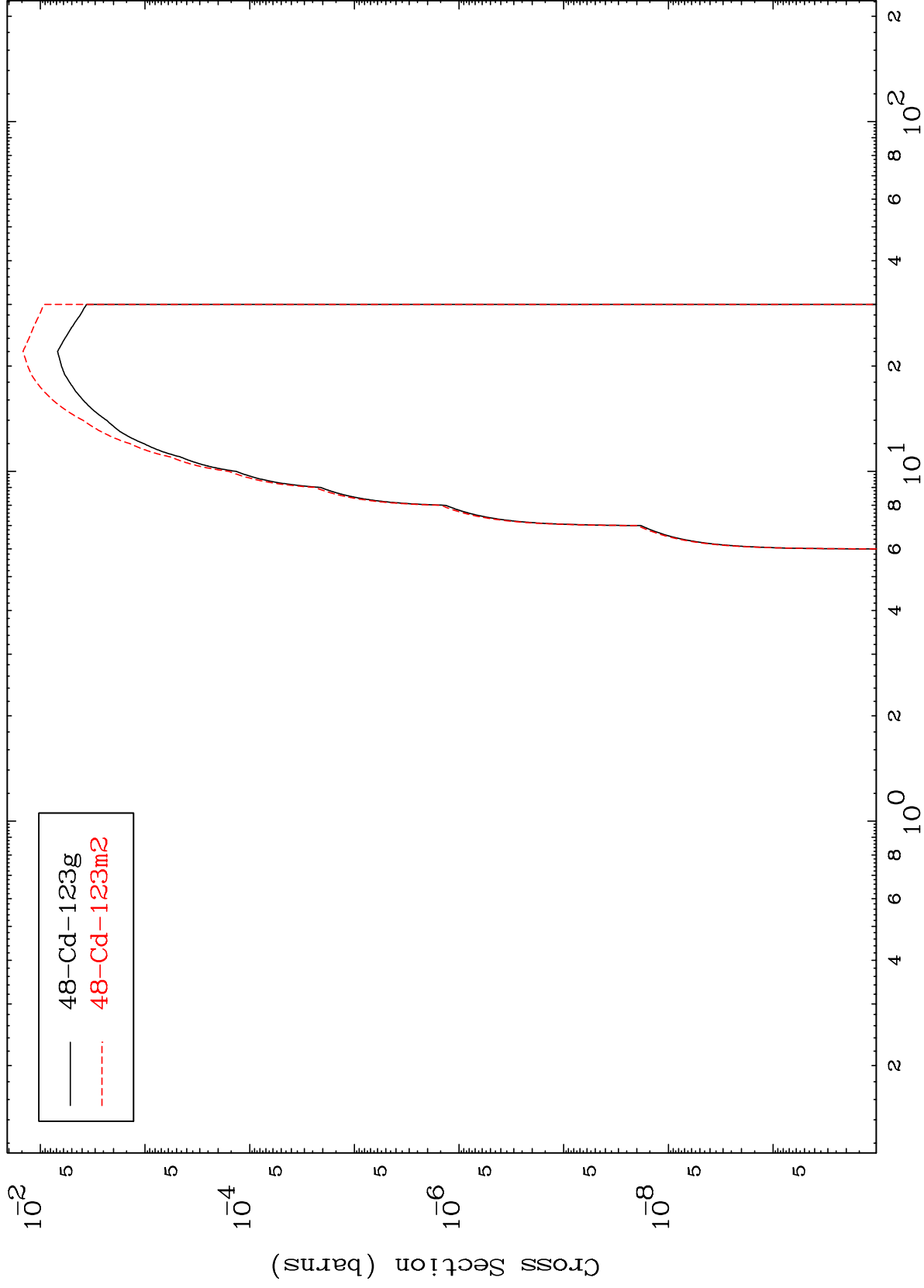
Radionuclide Production Cross Section
(n, γ)

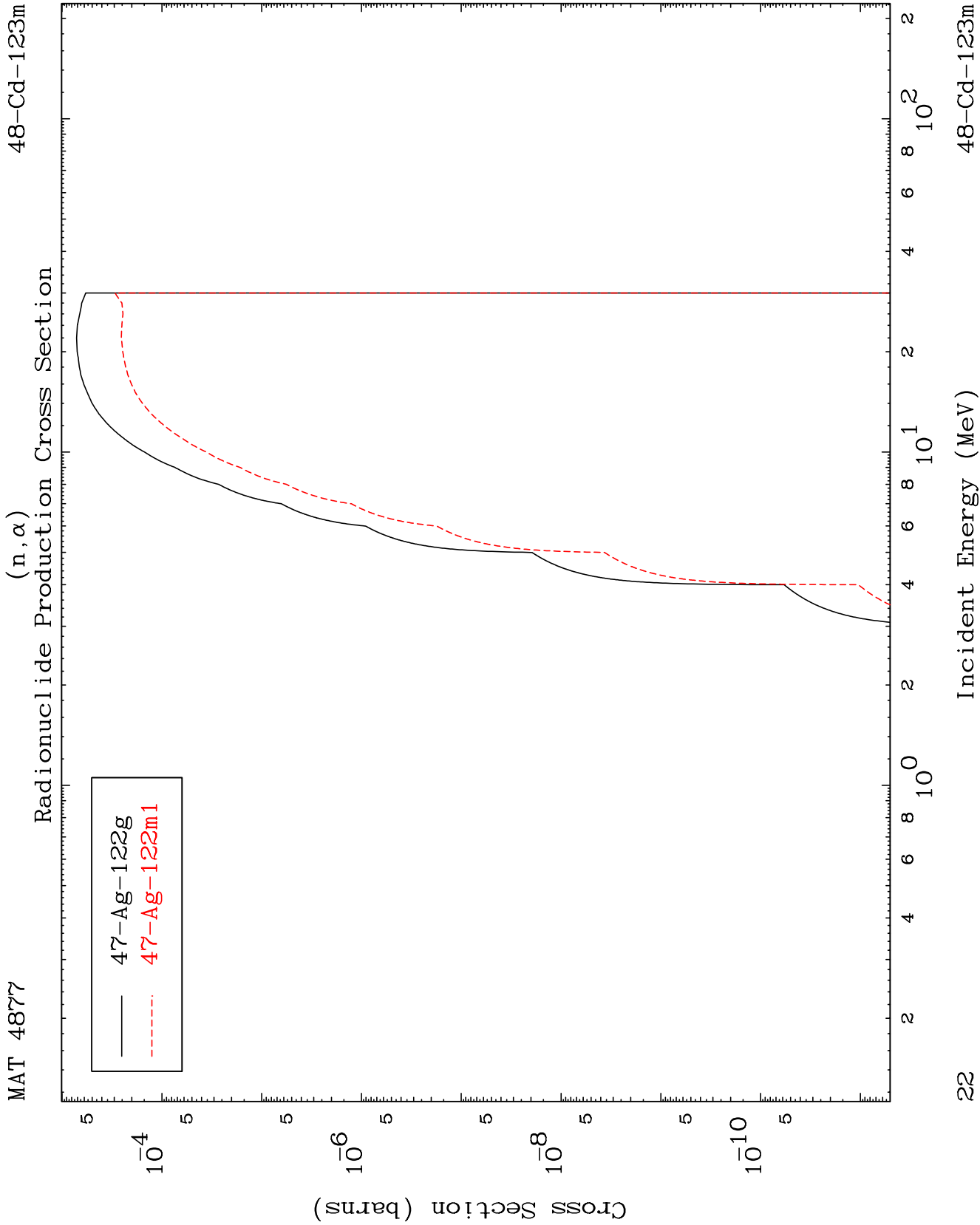


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48-Cd-123m

Radionuclide Production Cross Section
(n,t)



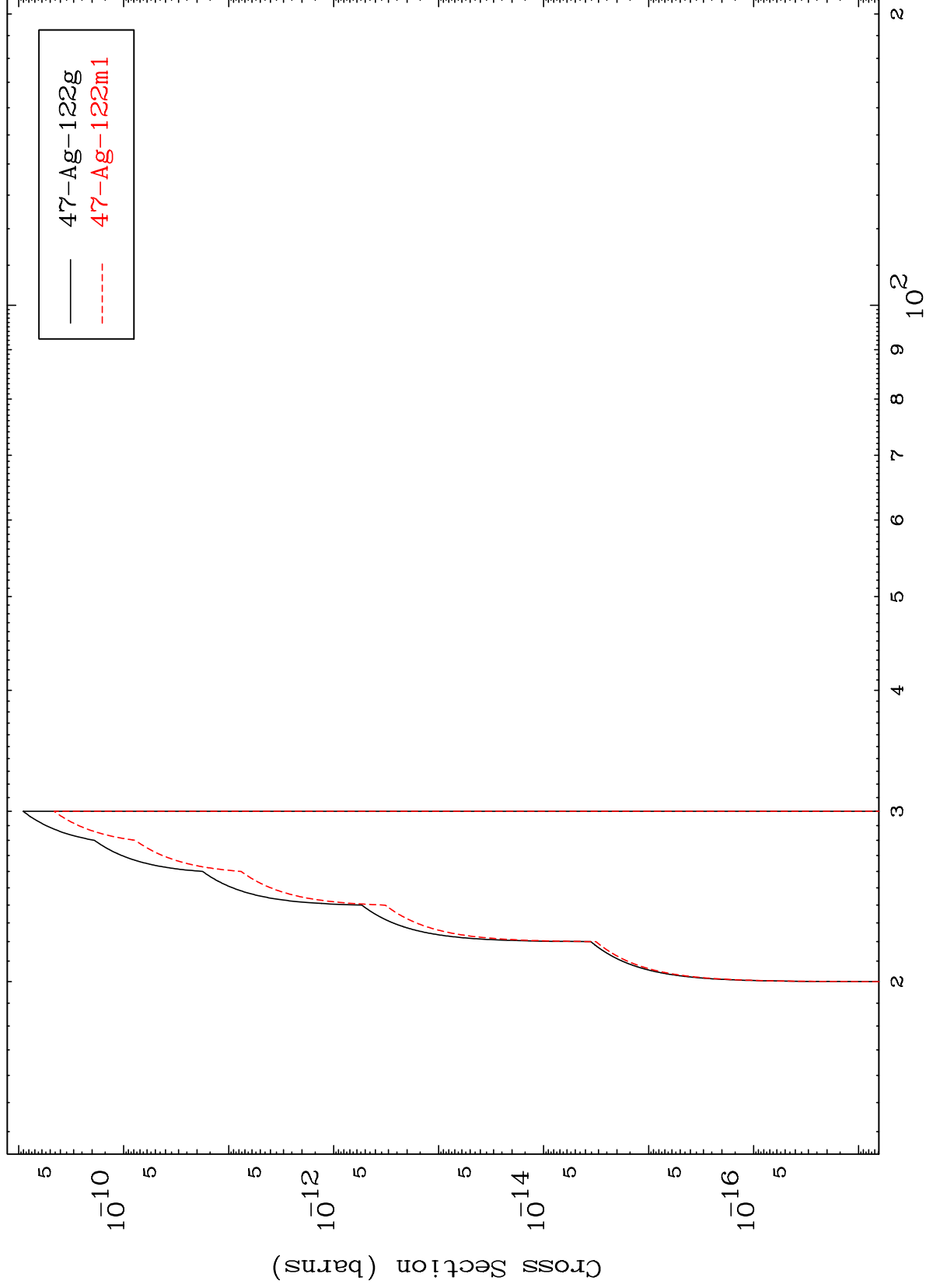


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(n,p) t

48-Cd-123m

Radionuclide Production Cross Section



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Incident Energy (MeV)

48-Cd-123m