

Program EVALPLOT
(Version 2021-1)

by

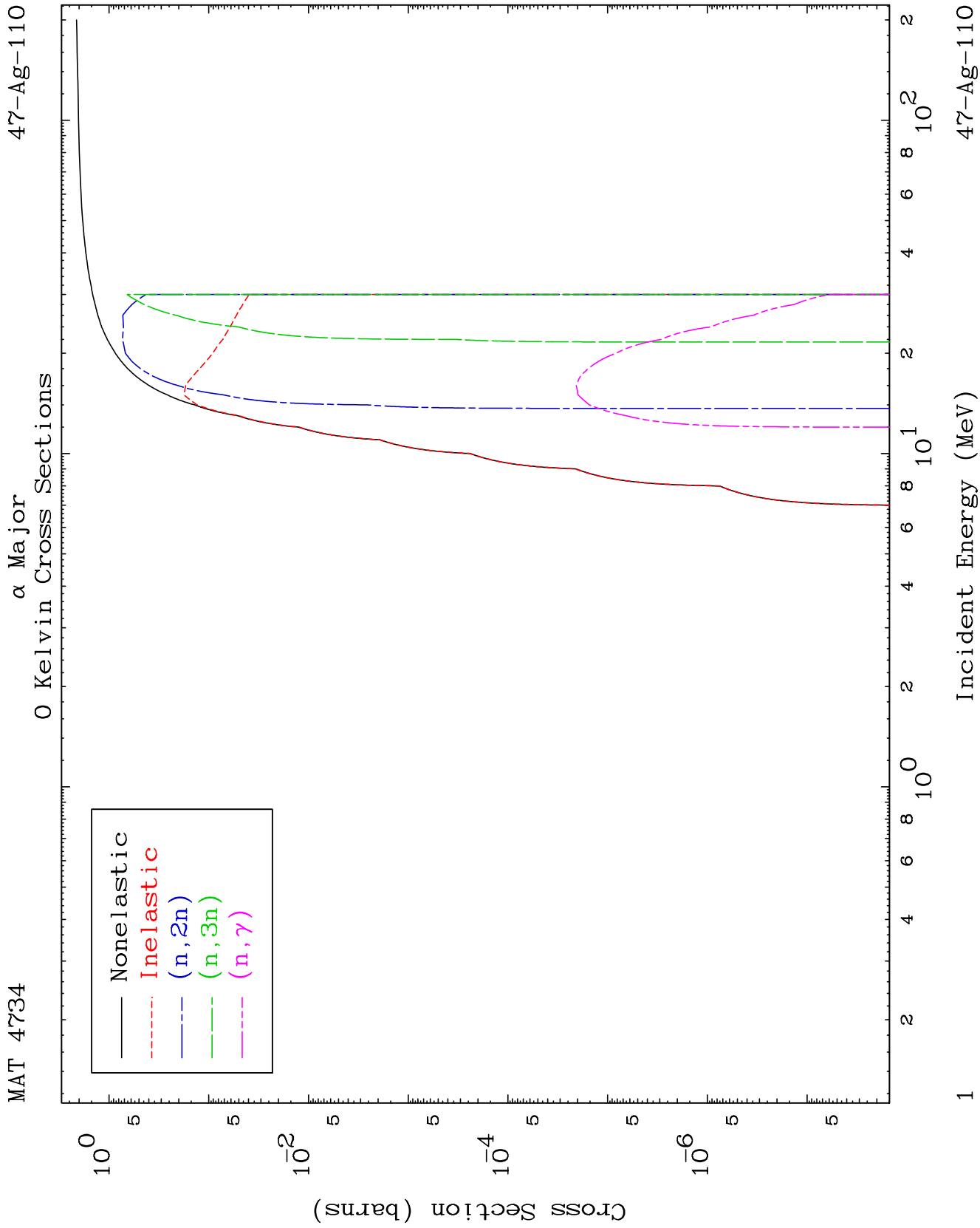
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail: redcullen1@comcast.net
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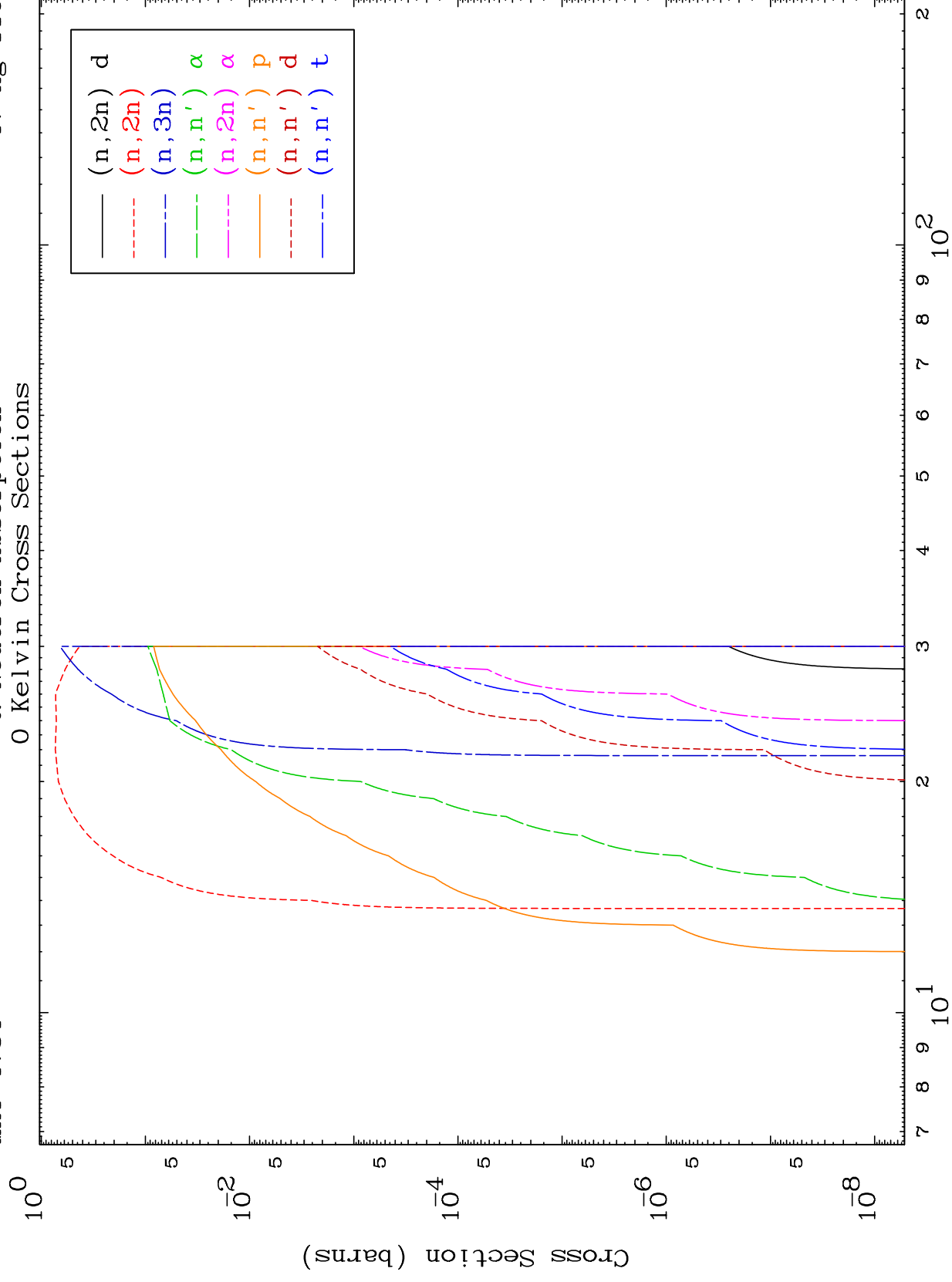
Press Mouse Button to Start



MAT 4734

α Neutron Absorption 0 Kelvin Cross Sections

47-Ag-110

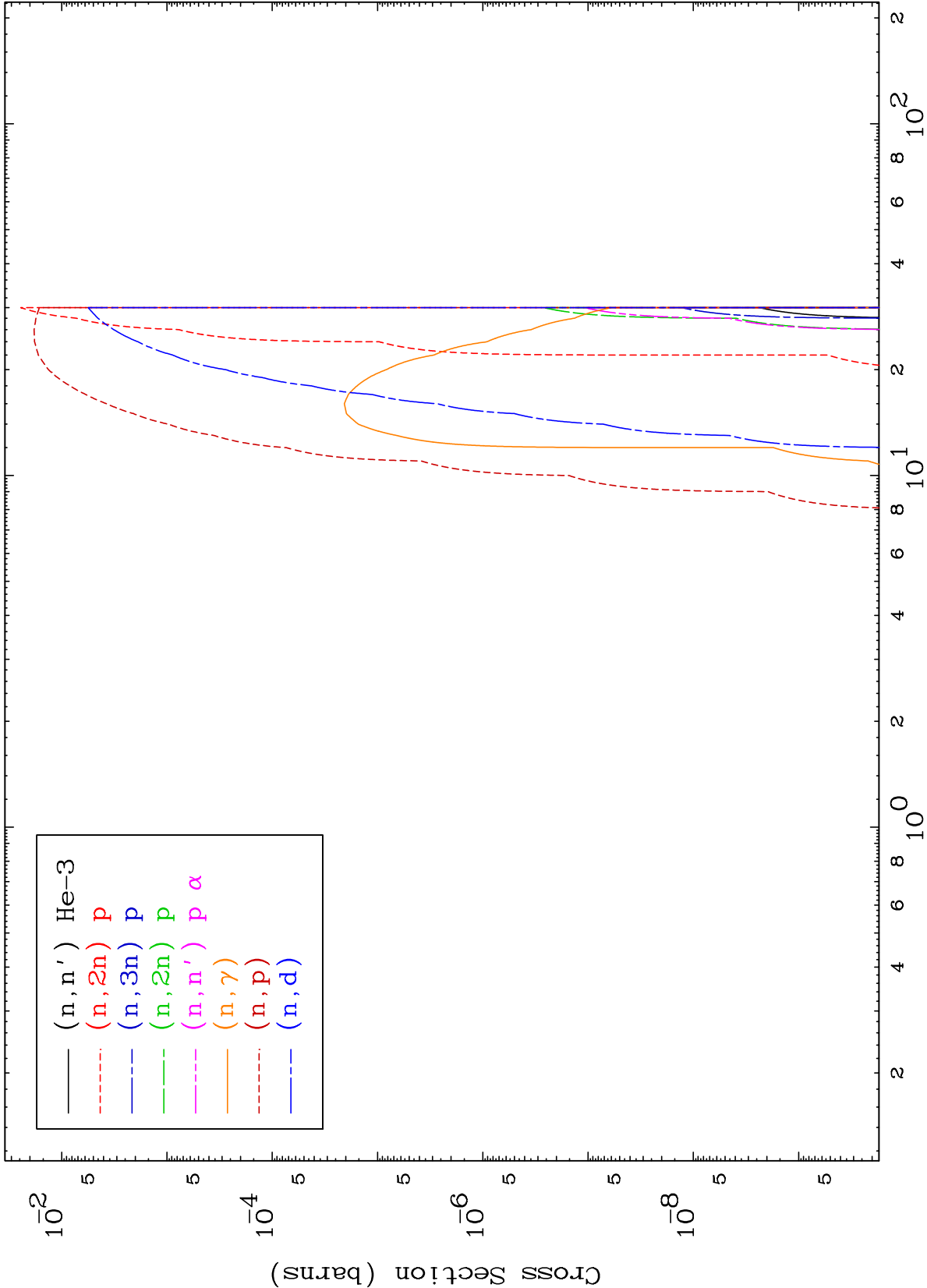


2

Incident Energy (MeV)

47-Ag-110

0 Kelvin Cross Sections

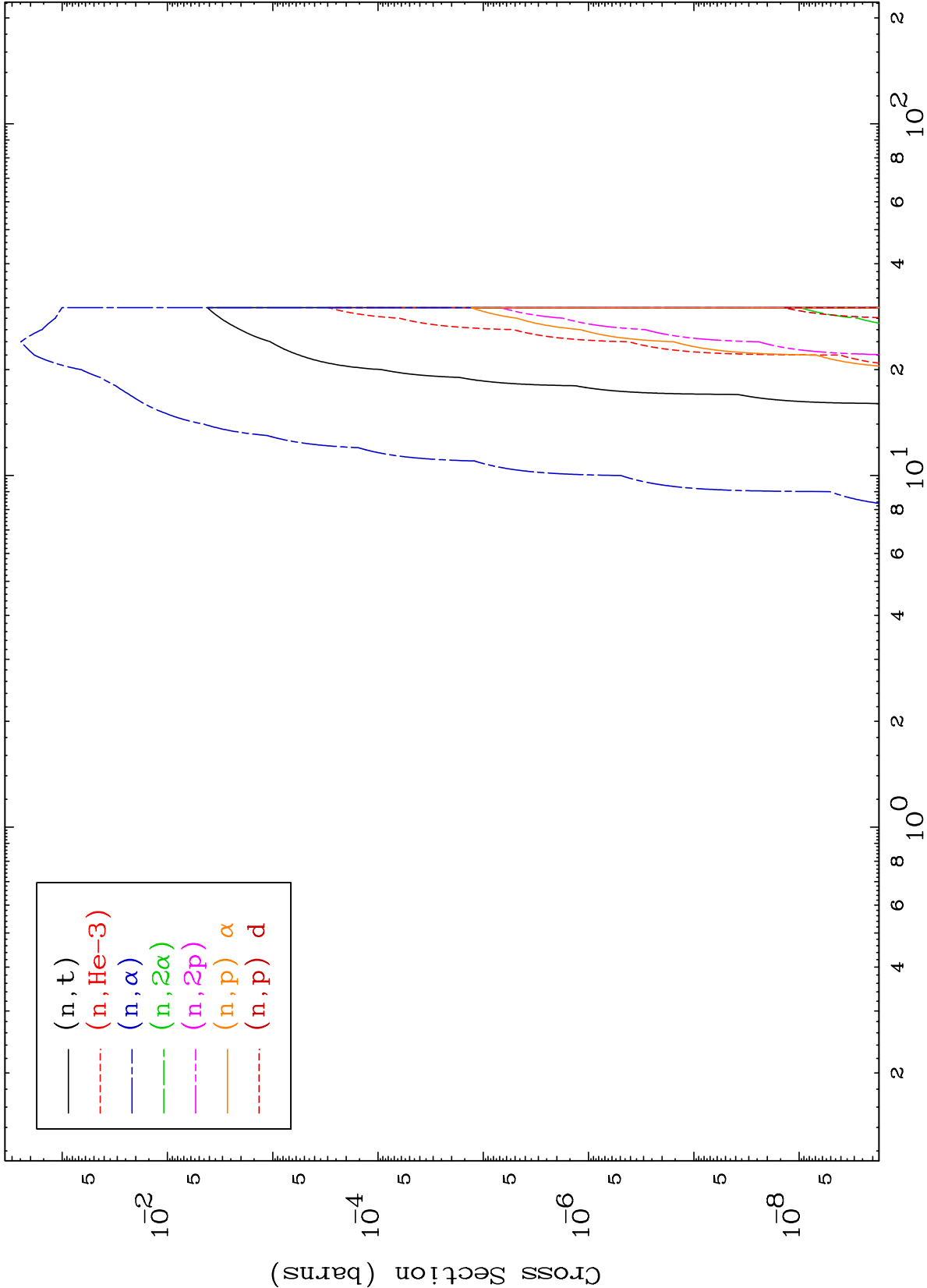


MAT 4734

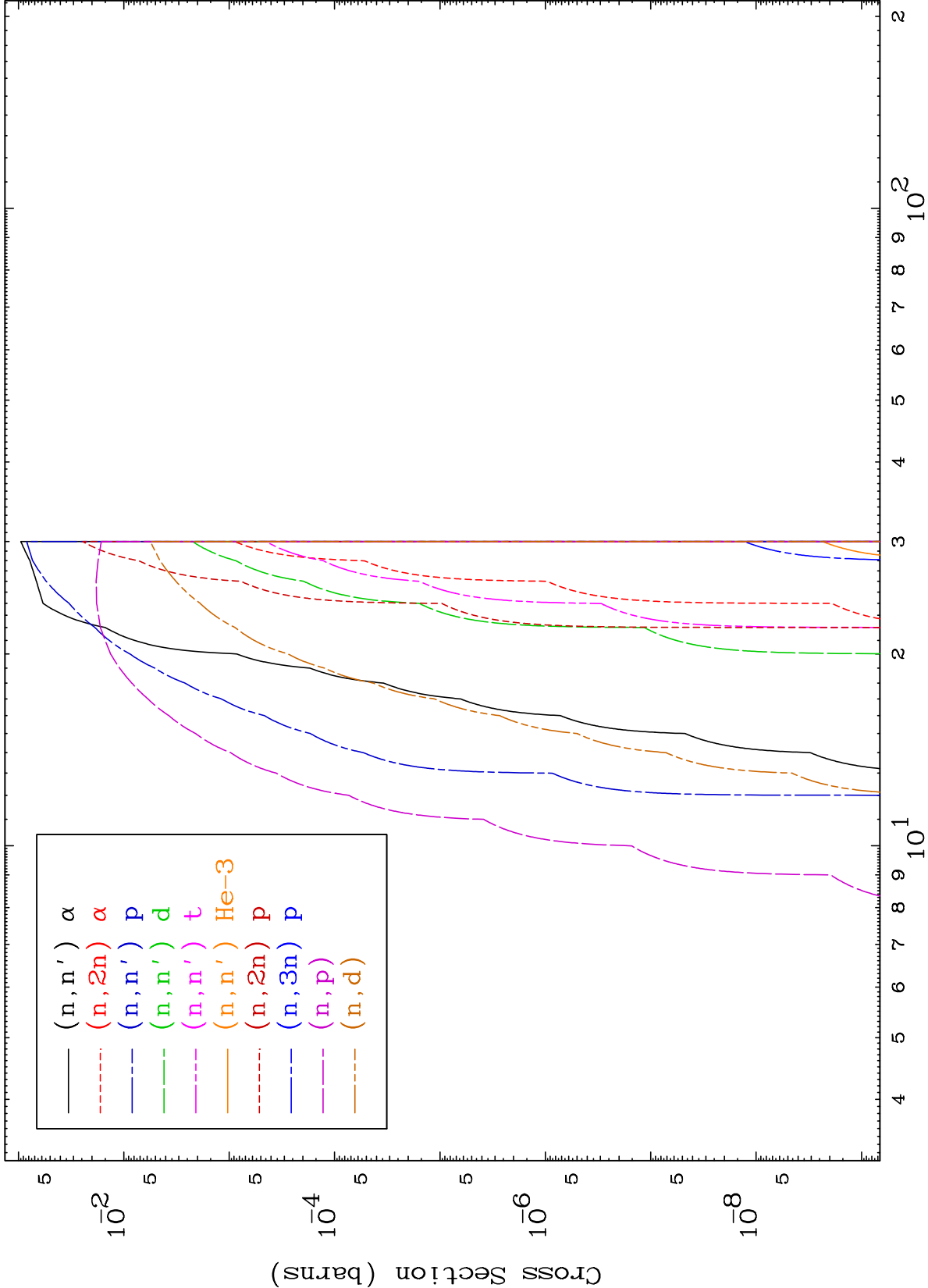
α Neutron Absorption

47-Ag-110

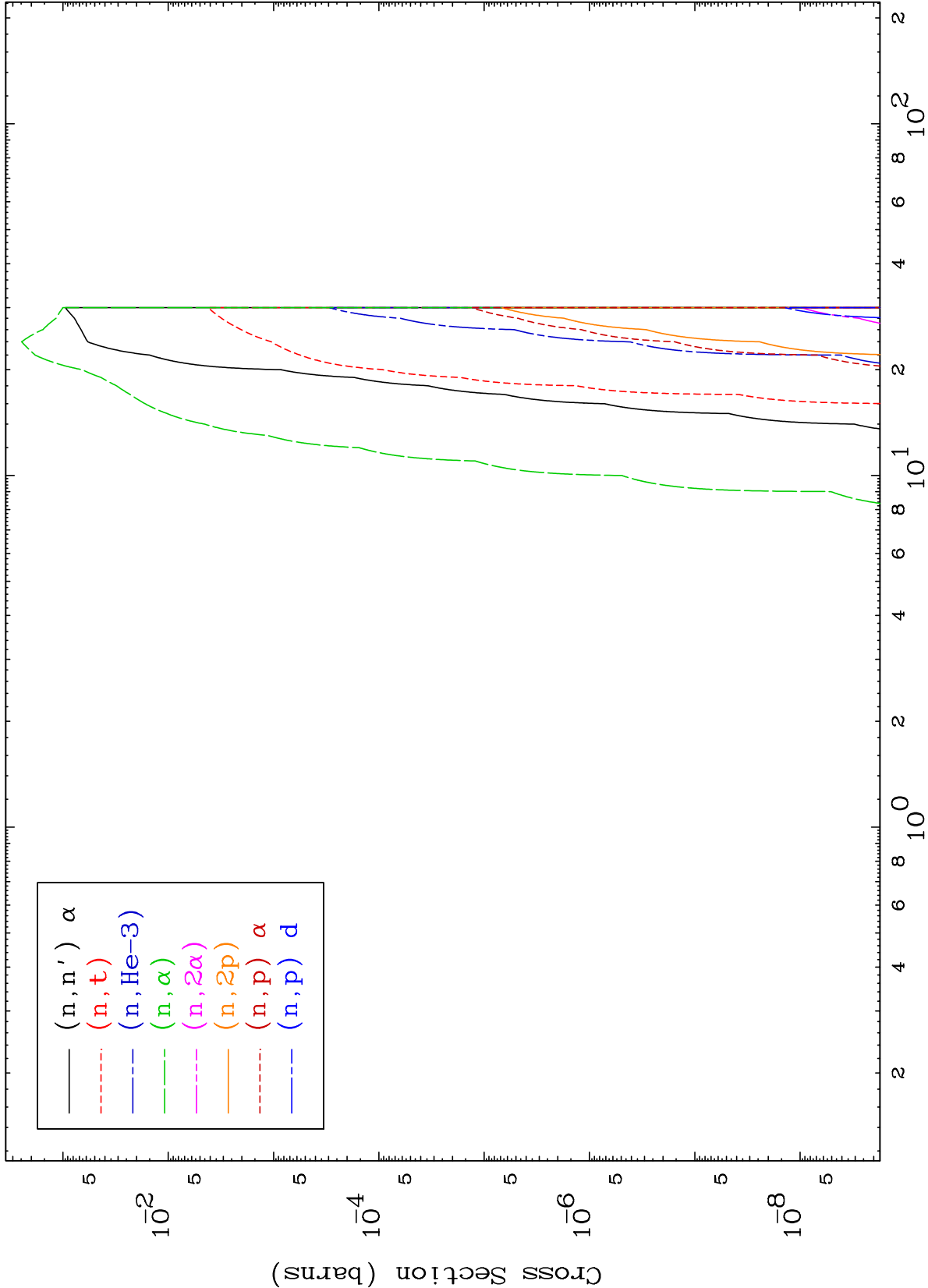
0 Kelvin Cross Sections



0 Kelvin Cross Sections



0 Kelvin Cross Sections



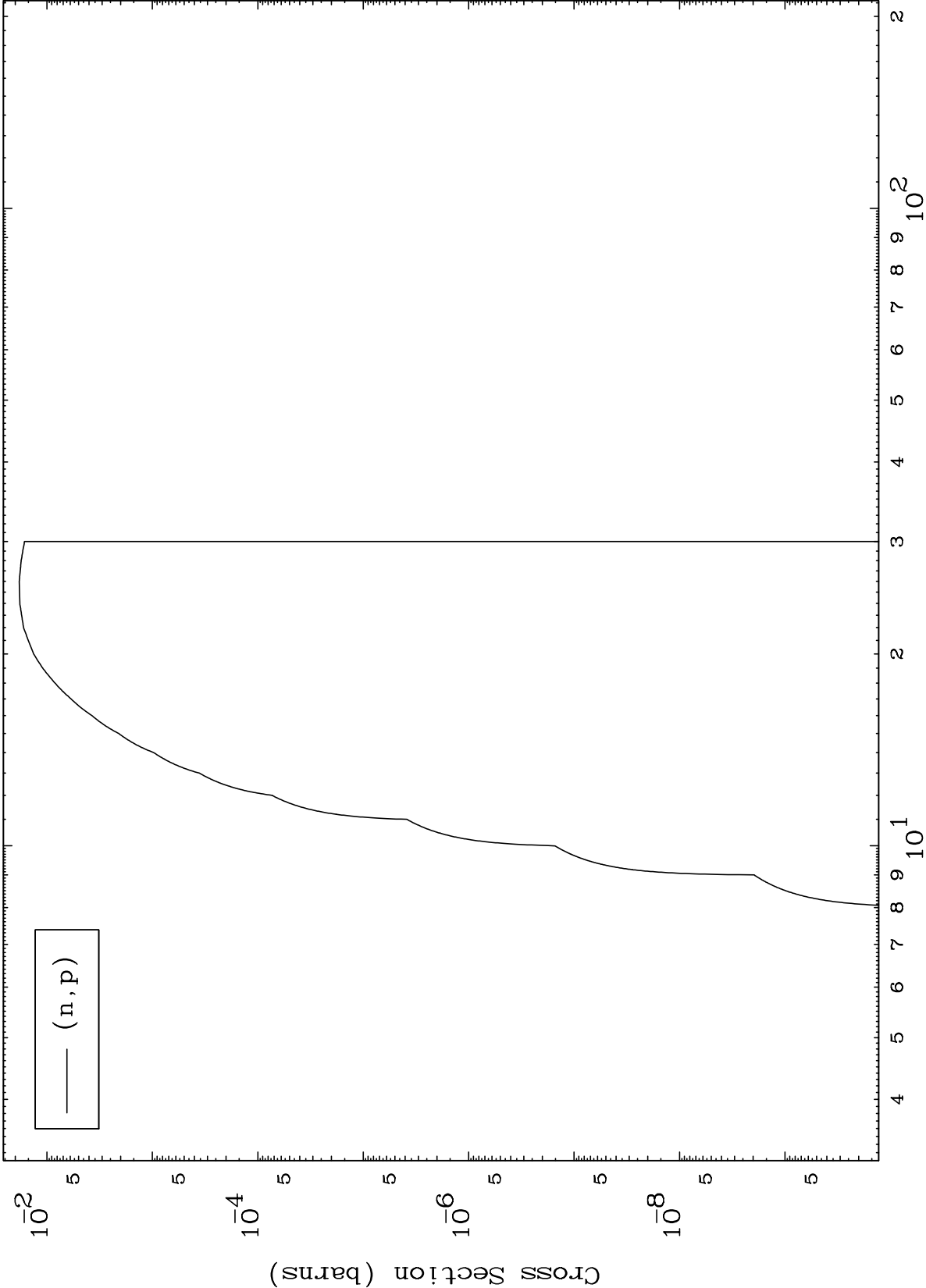
Incident Energy (MeV)

MAT 4734

(α ,p) Levels

47-Ag-110

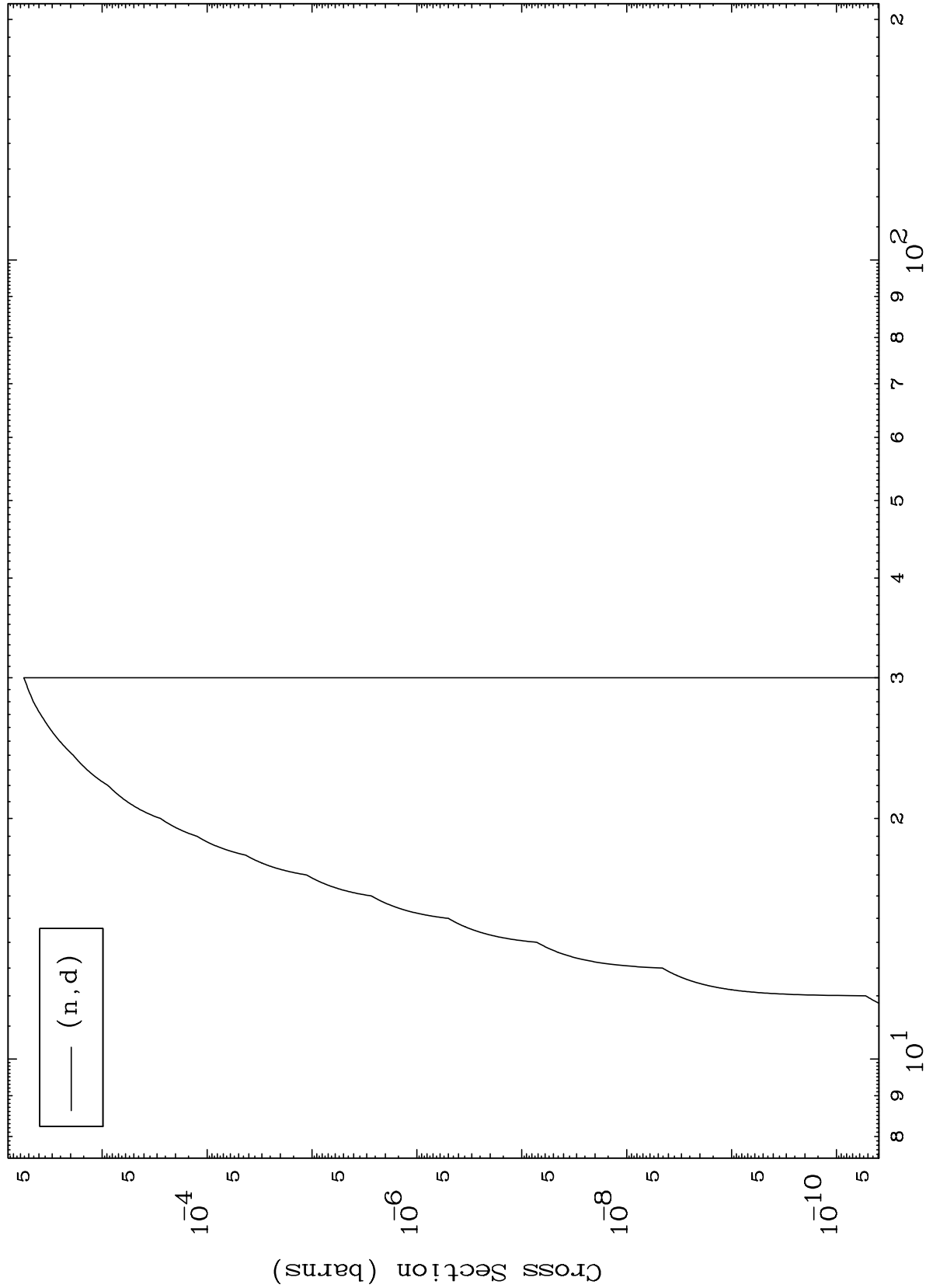
0 Kelvin Cross Sections



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47-Ag-110

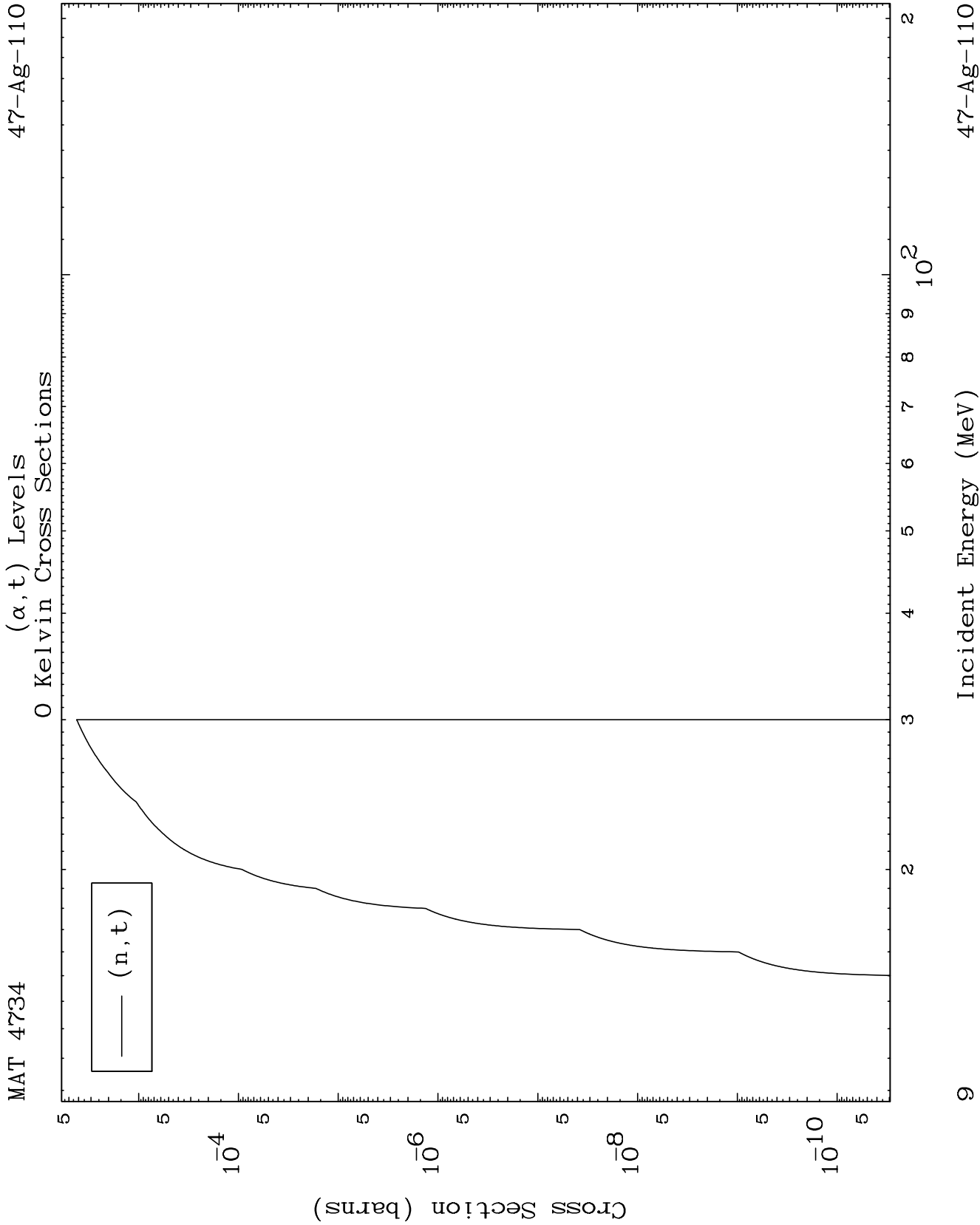
(α ,d) Levels
0 Kelvin Cross Sections



47-Ag-110

Incident Energy (MeV)

8

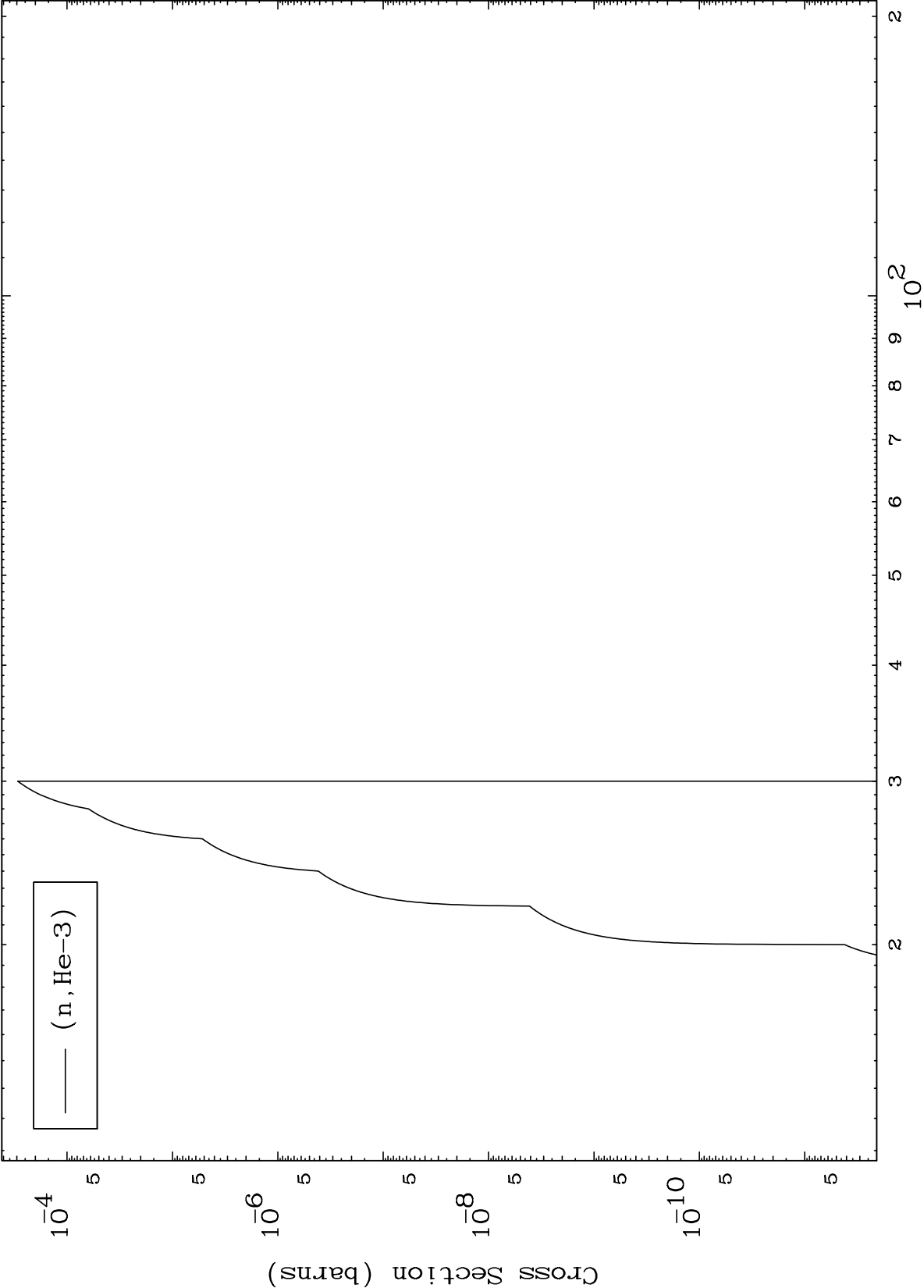


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(α ,He3) Levels

47-Ag-110

0 Kelvin Cross Sections



10

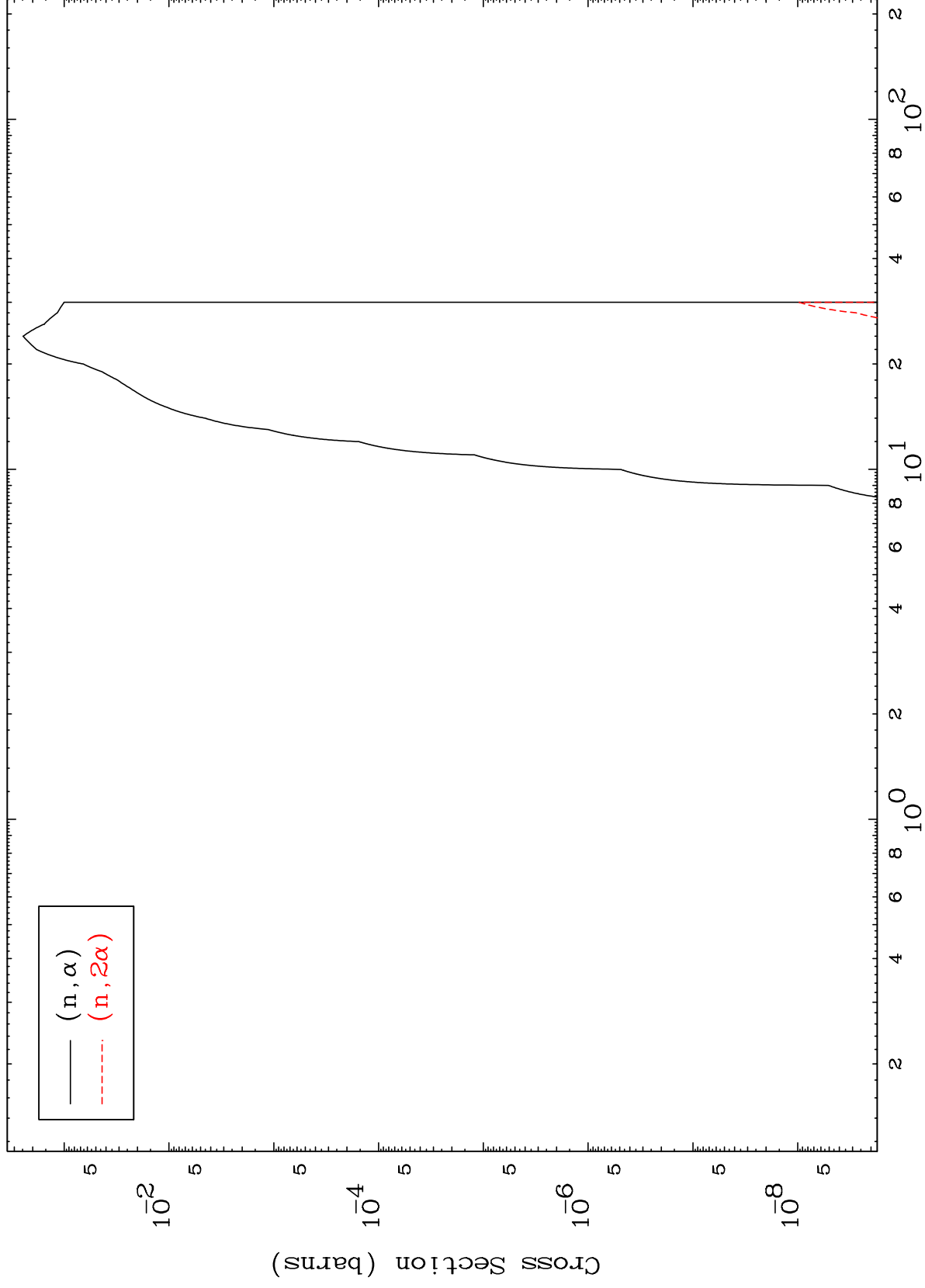
Incident Energy (MeV)

47-Ag-110

MAT 4734

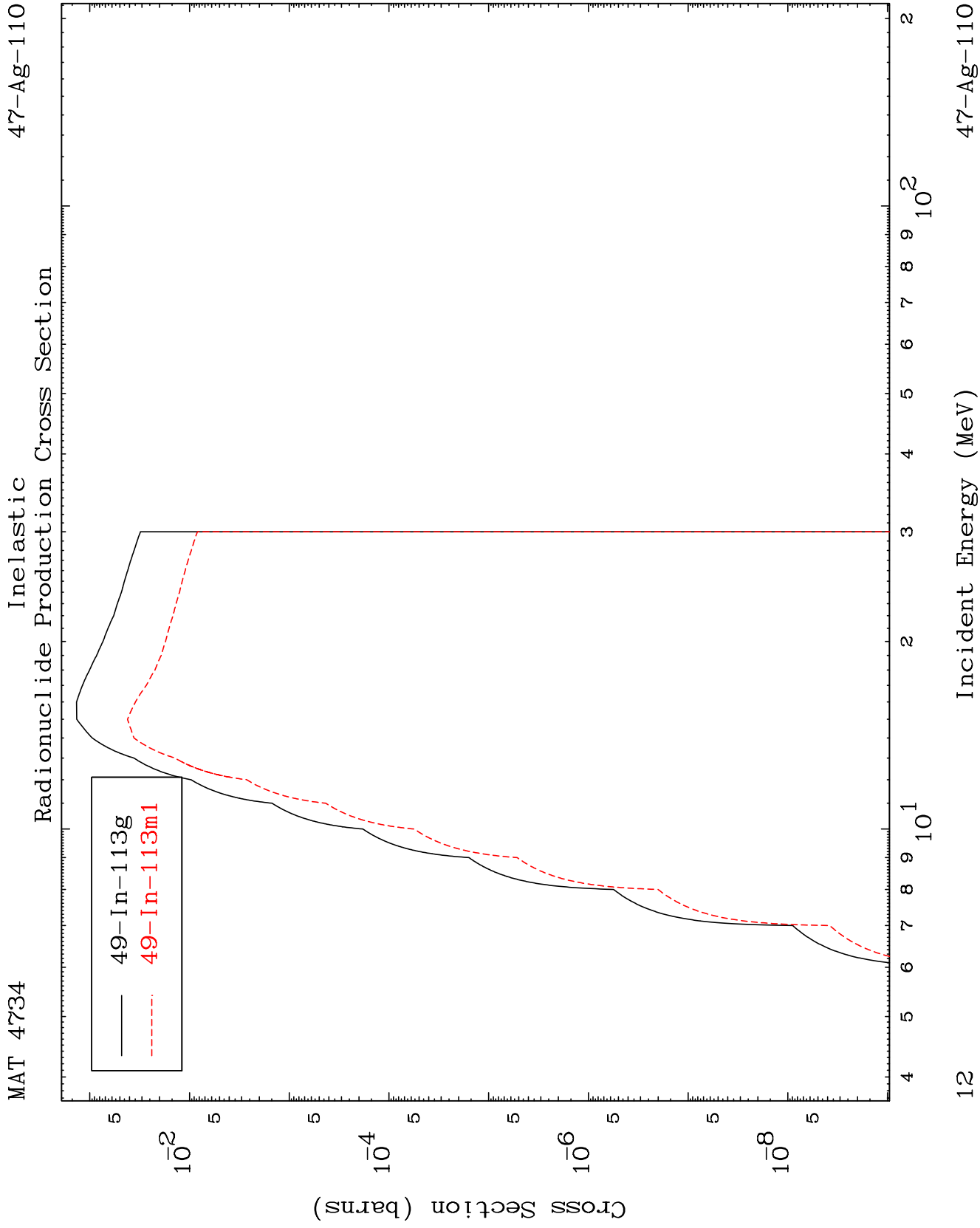
47-Ag-110

(α, α) Levels
0 Kelvin Cross Sections



11

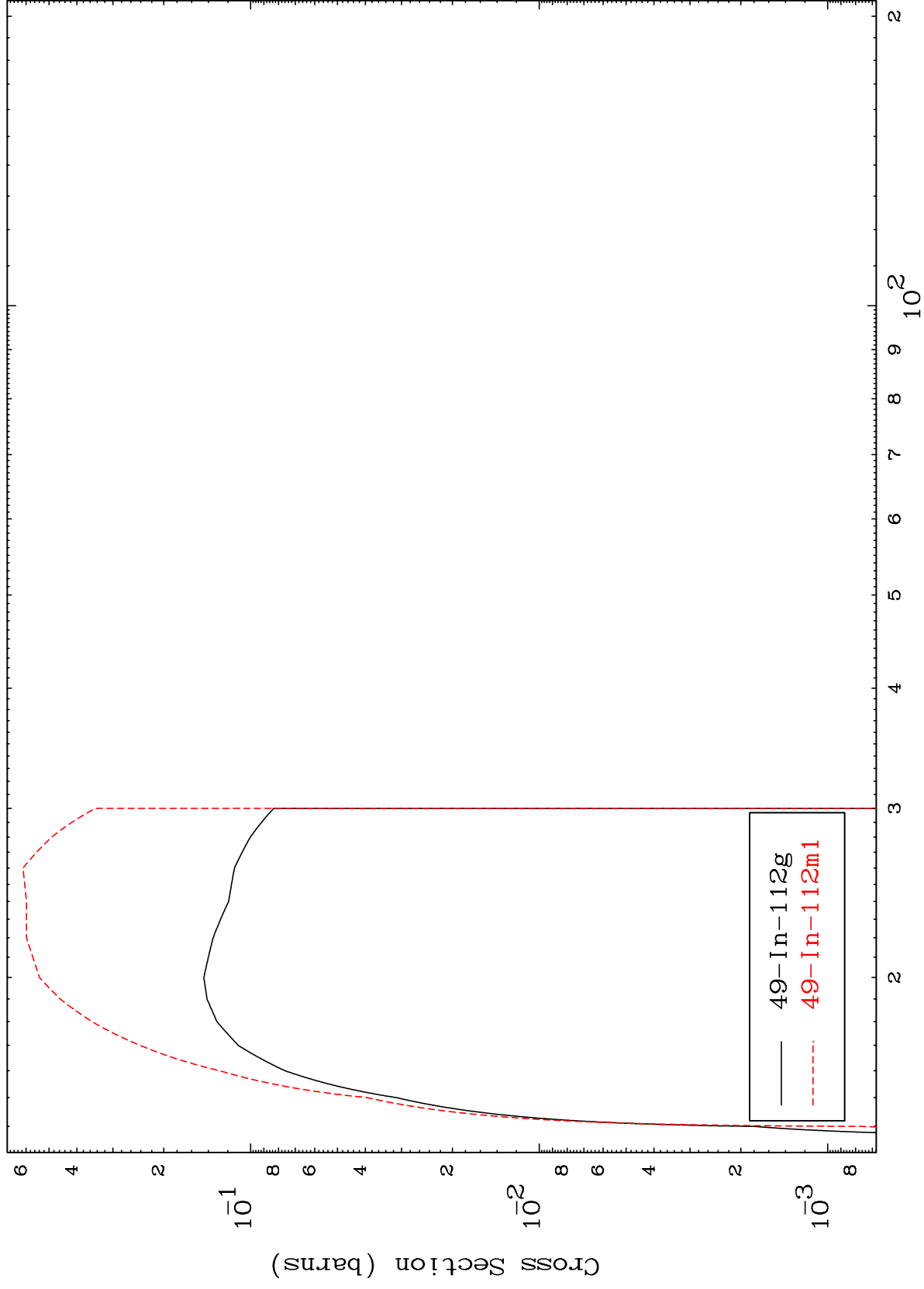
47-Ag-110



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47-Ag-110

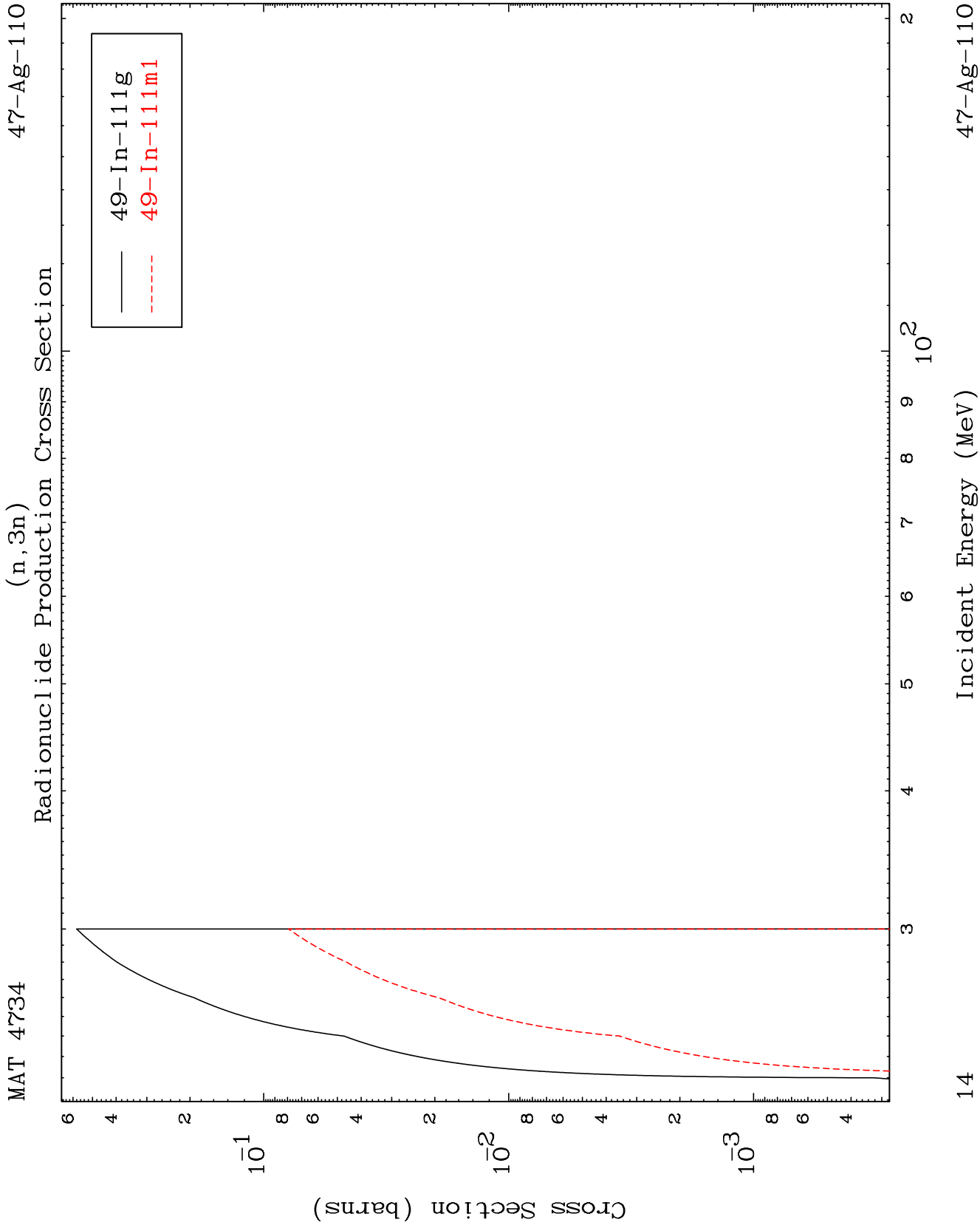
(n,2n)
Radionuclide Production Cross Section

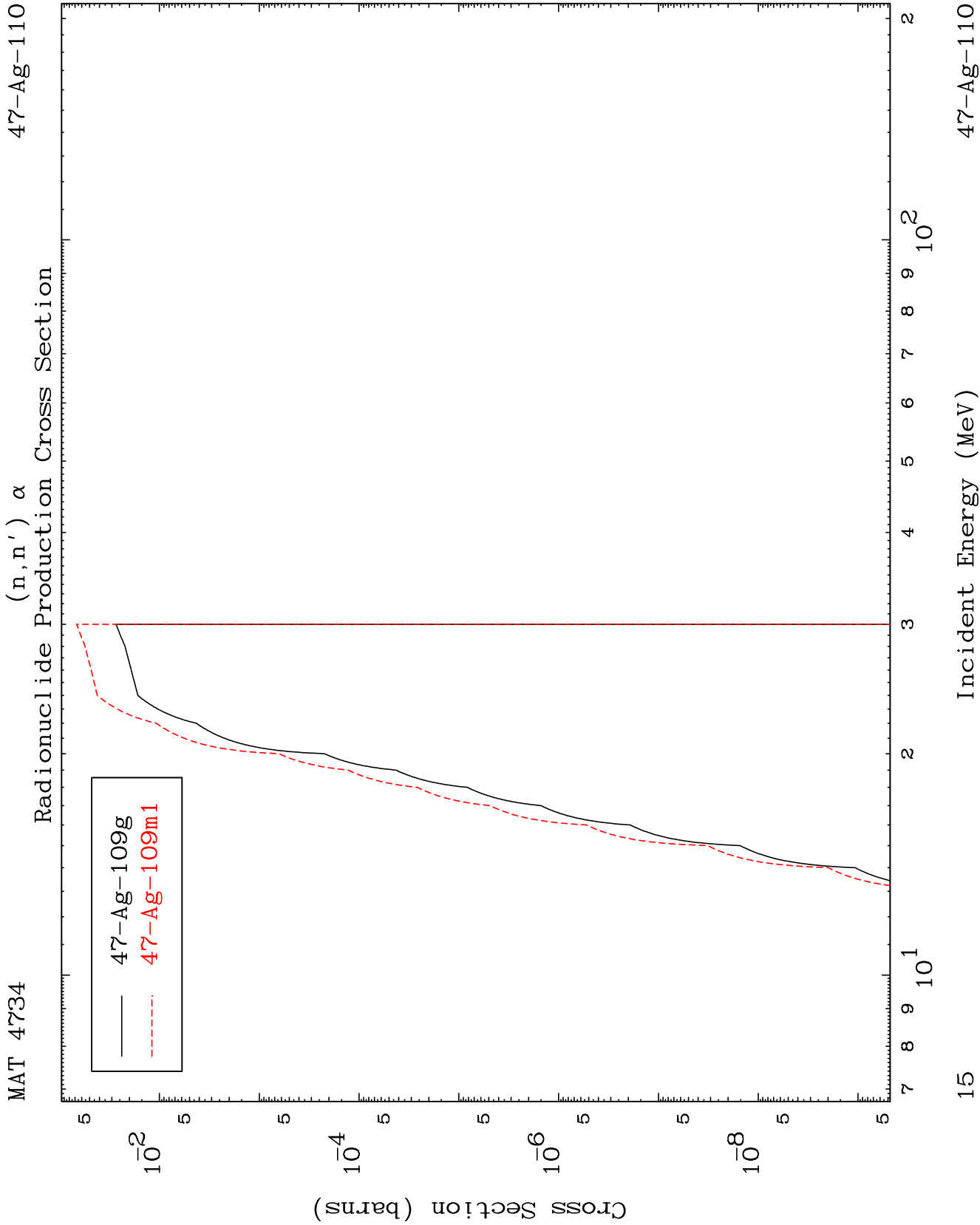


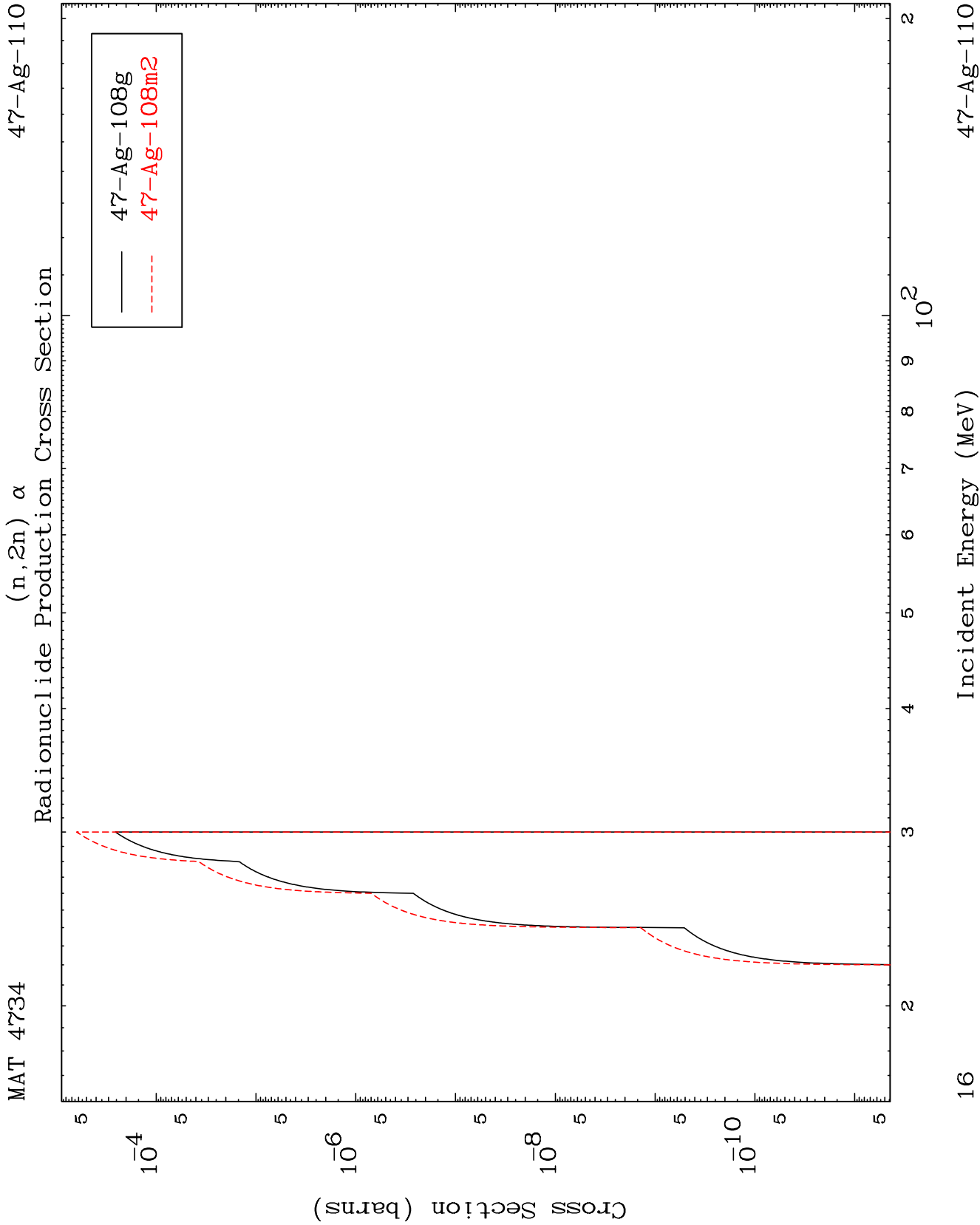
13

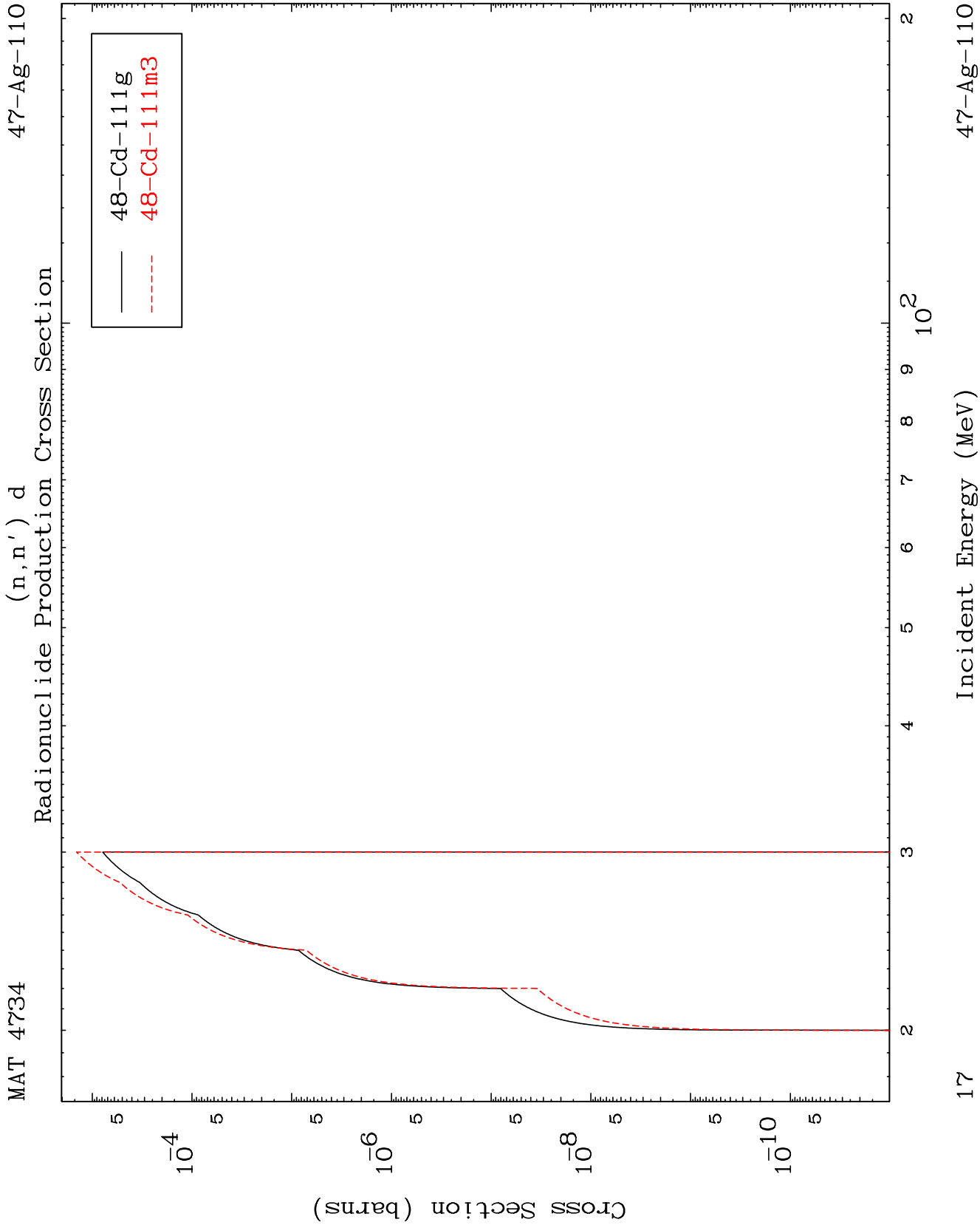
Incident Energy (MeV)

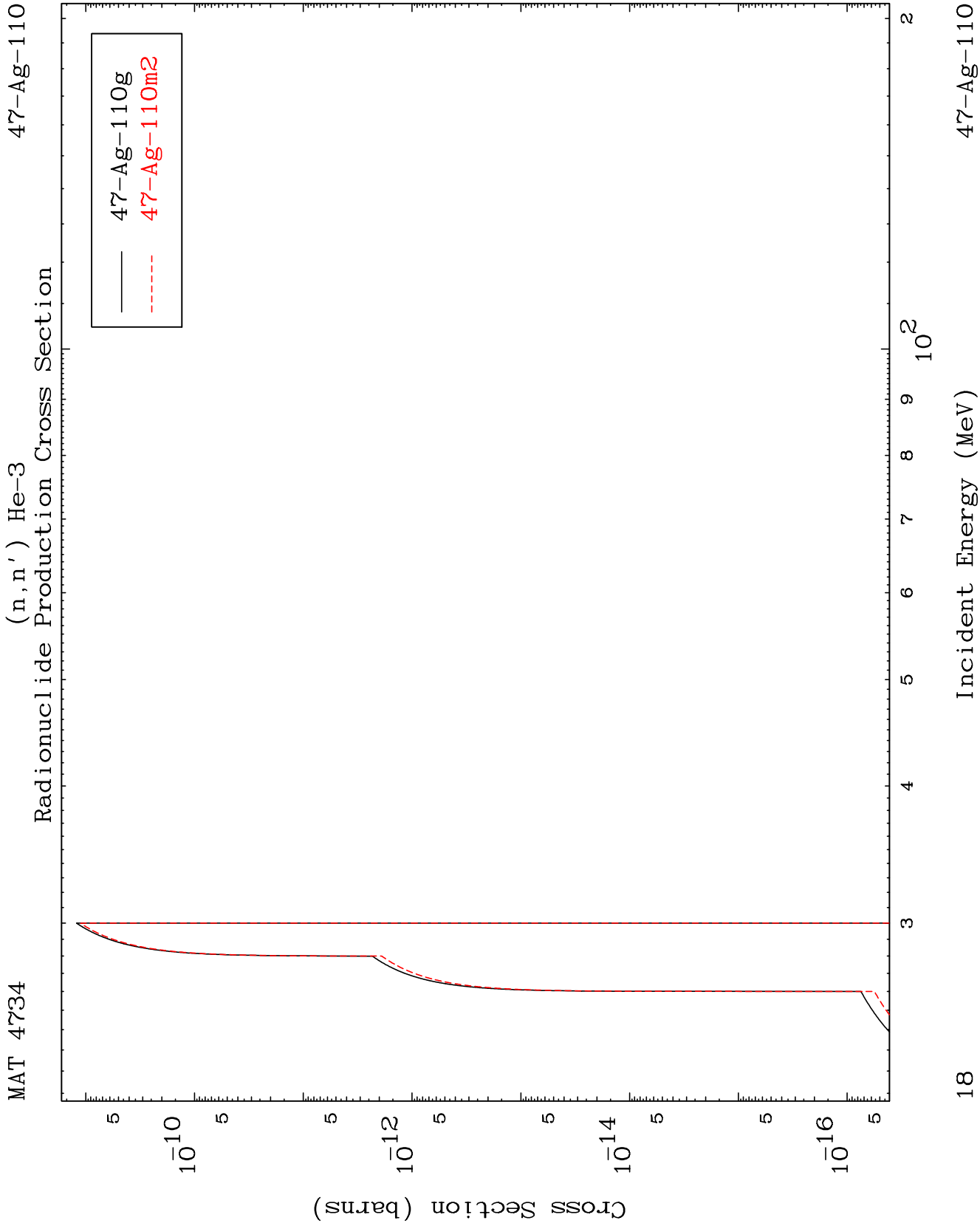
47-Ag-110

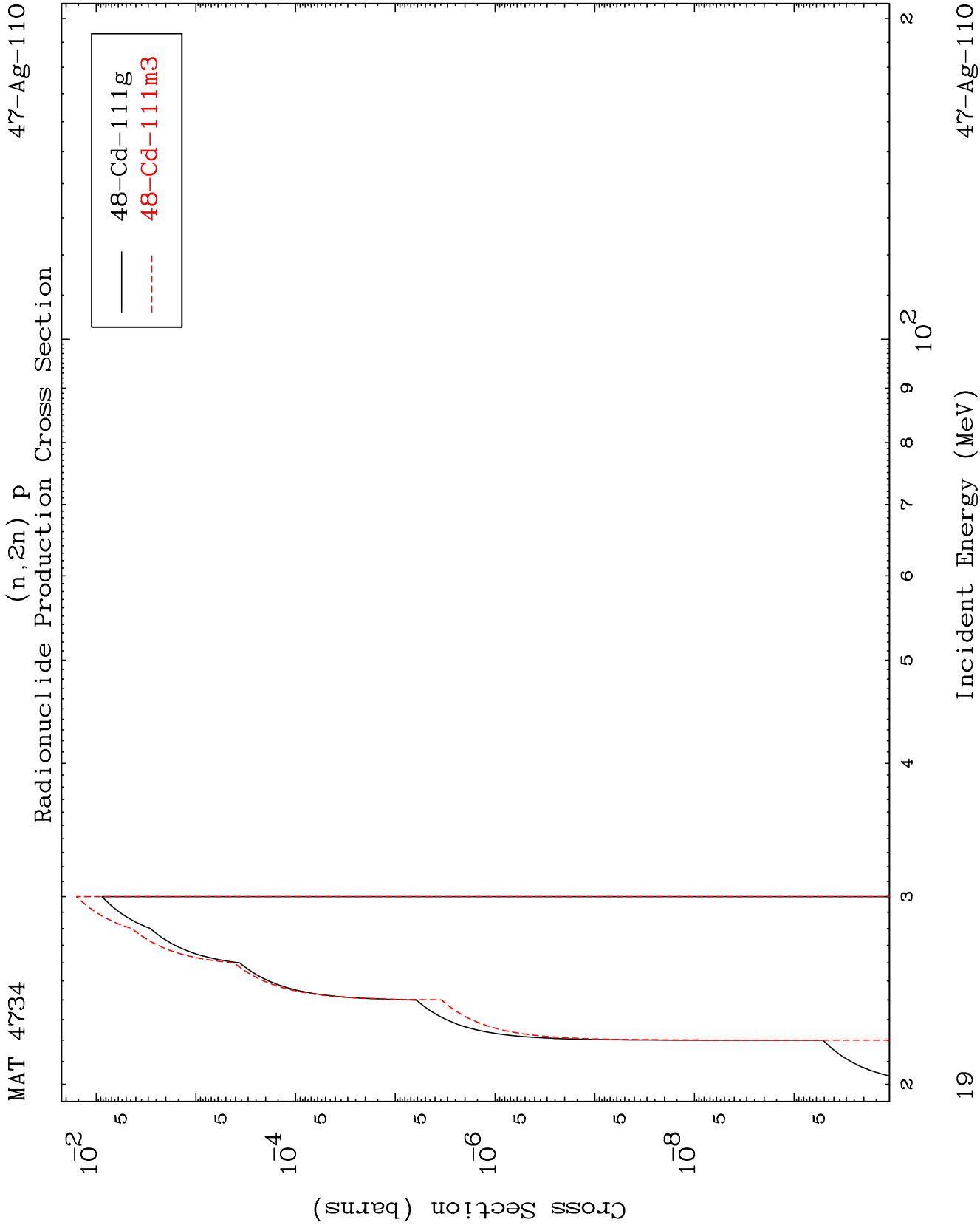


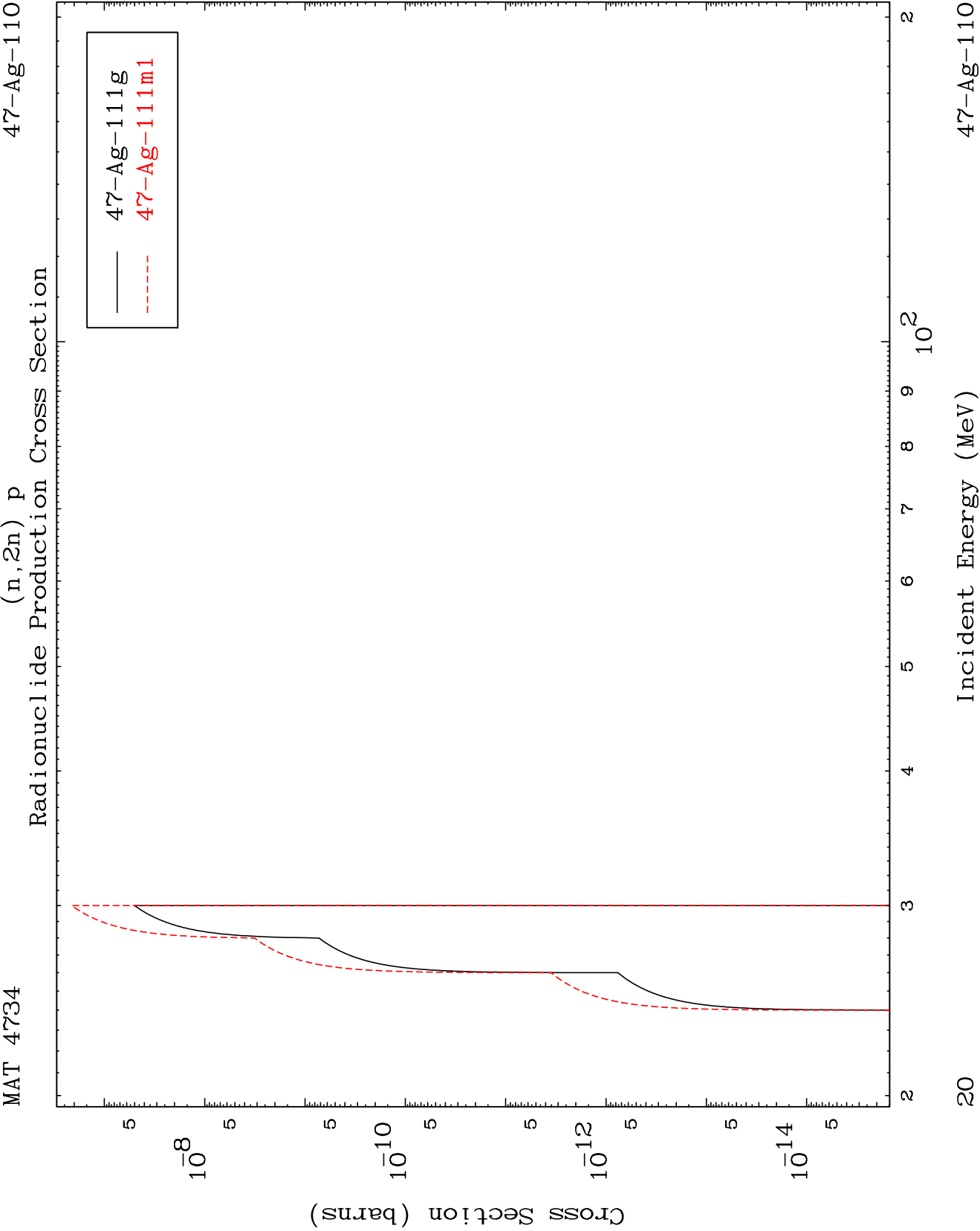








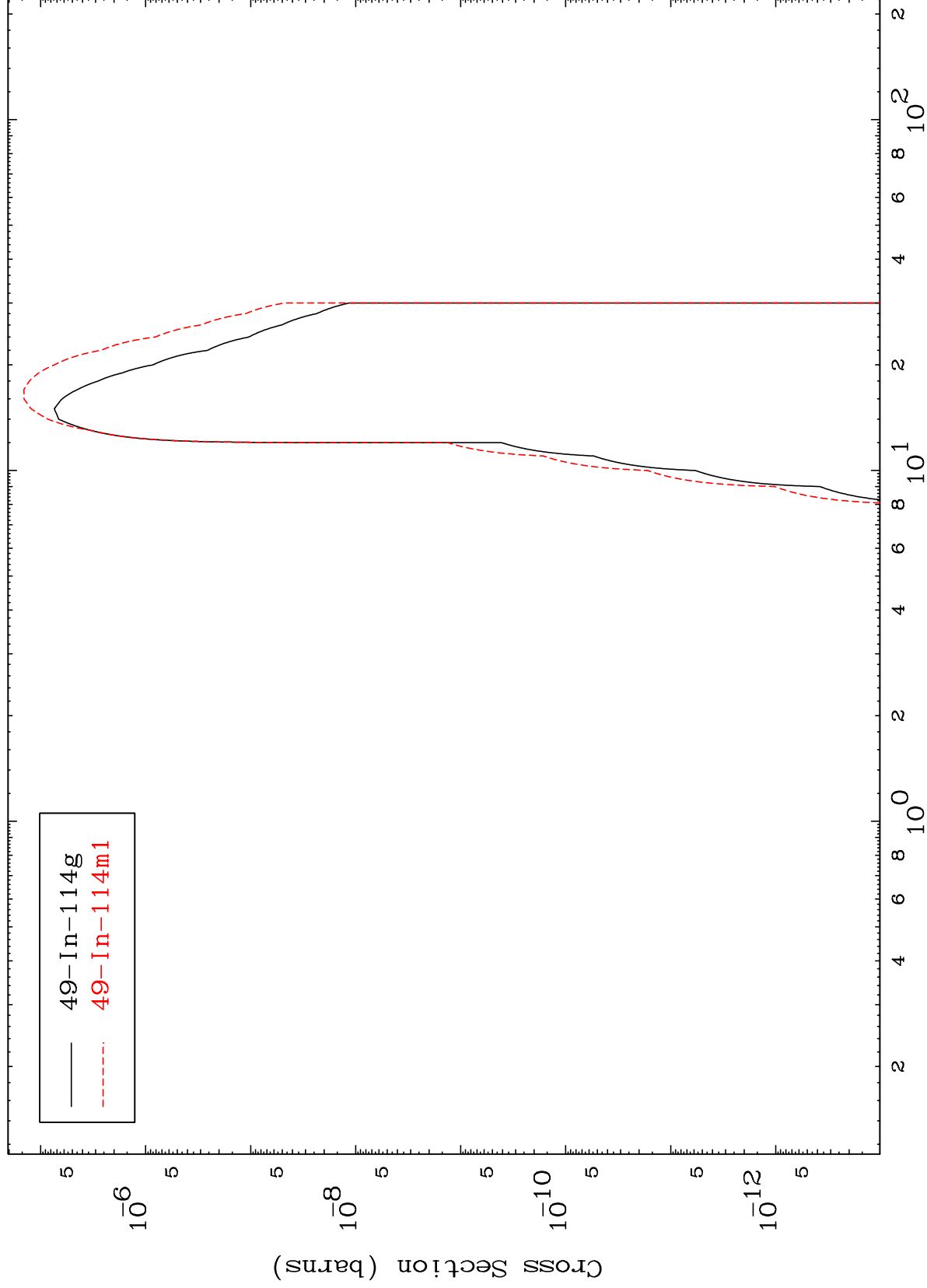




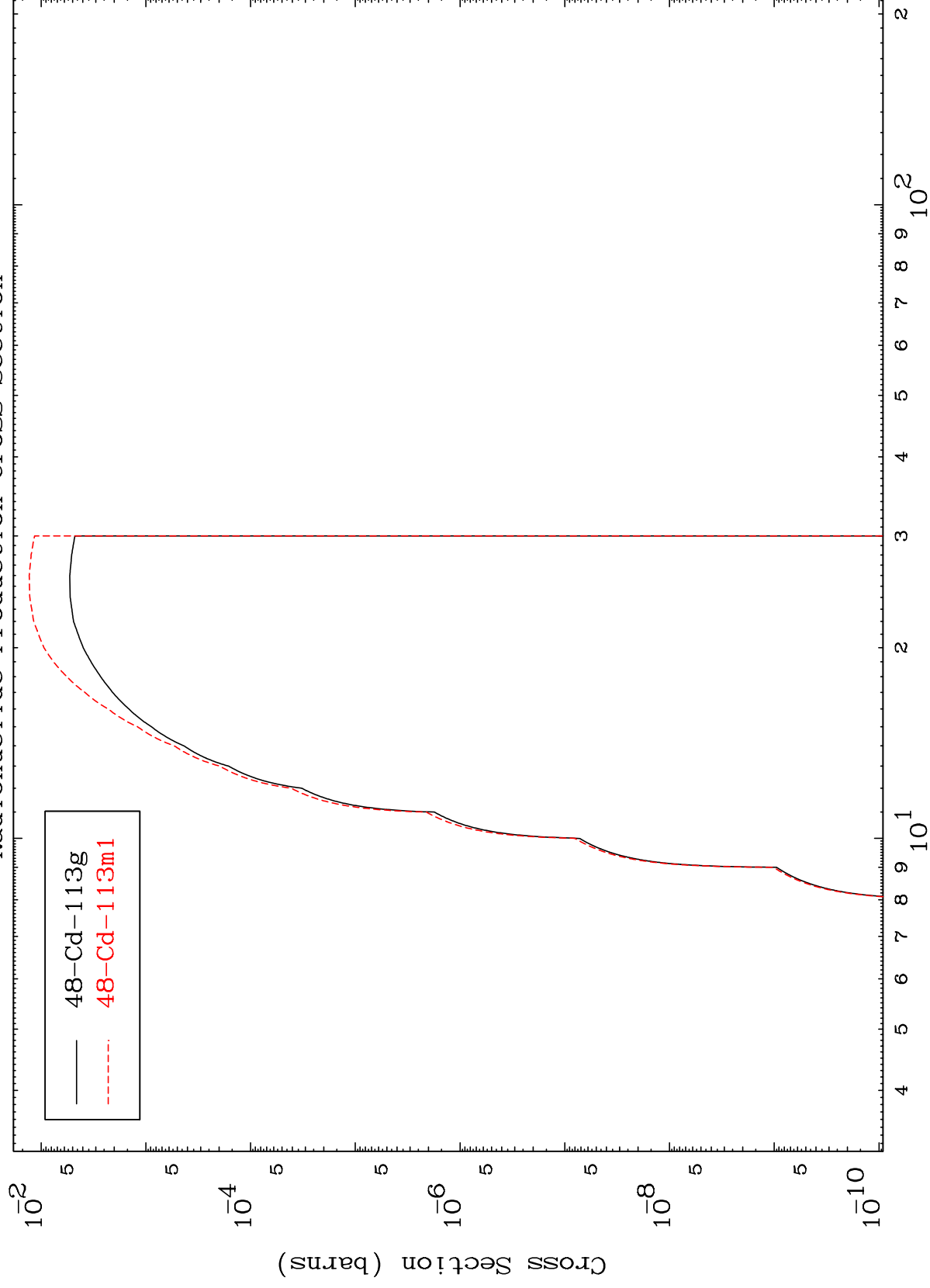
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47-Ag-110

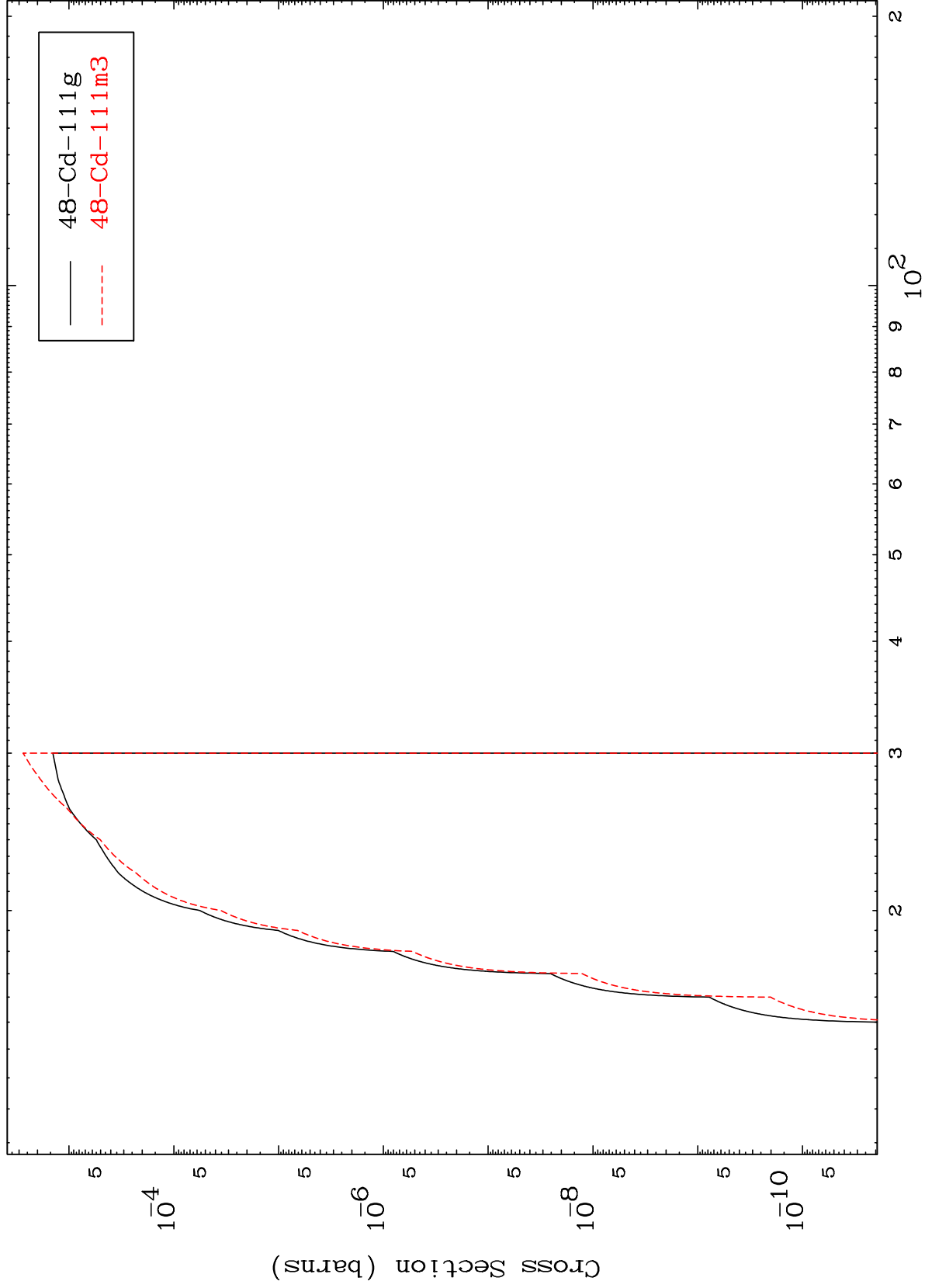
Radionuclide Production Cross Section
(n, γ)



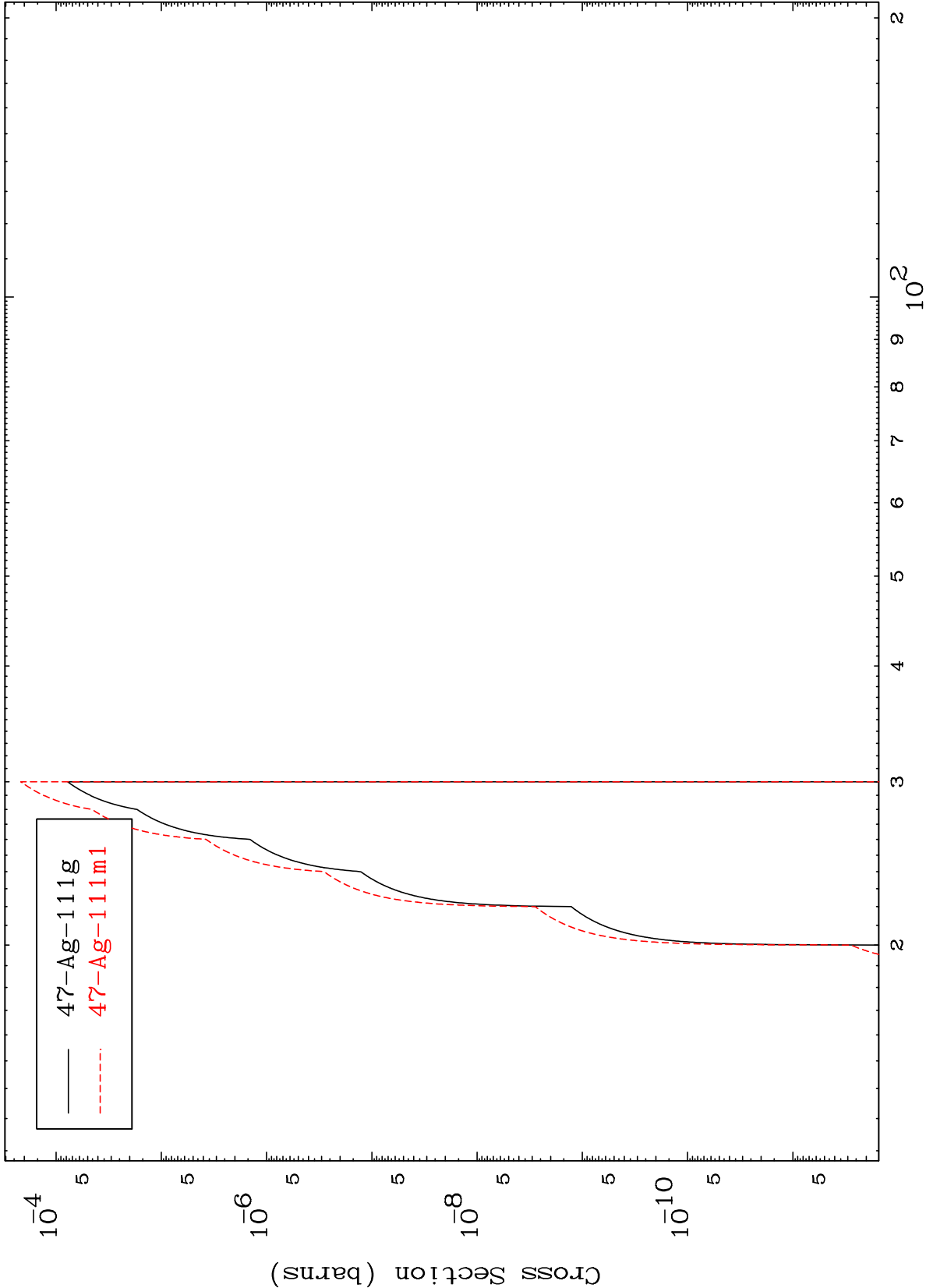
Radionuclide Production Cross Section (n,p)



(n,t)
Radionuclide Production Cross Section



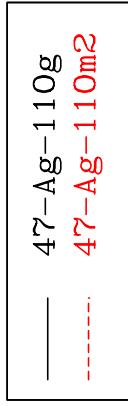
Radionuclide Production Cross Section



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Radionuclide Production Cross Section



Cross Section (barns)

10^{-2}

10^{-4}

10^{-6}

10^{-8}

2

4

6

8

10

2

4

6

8

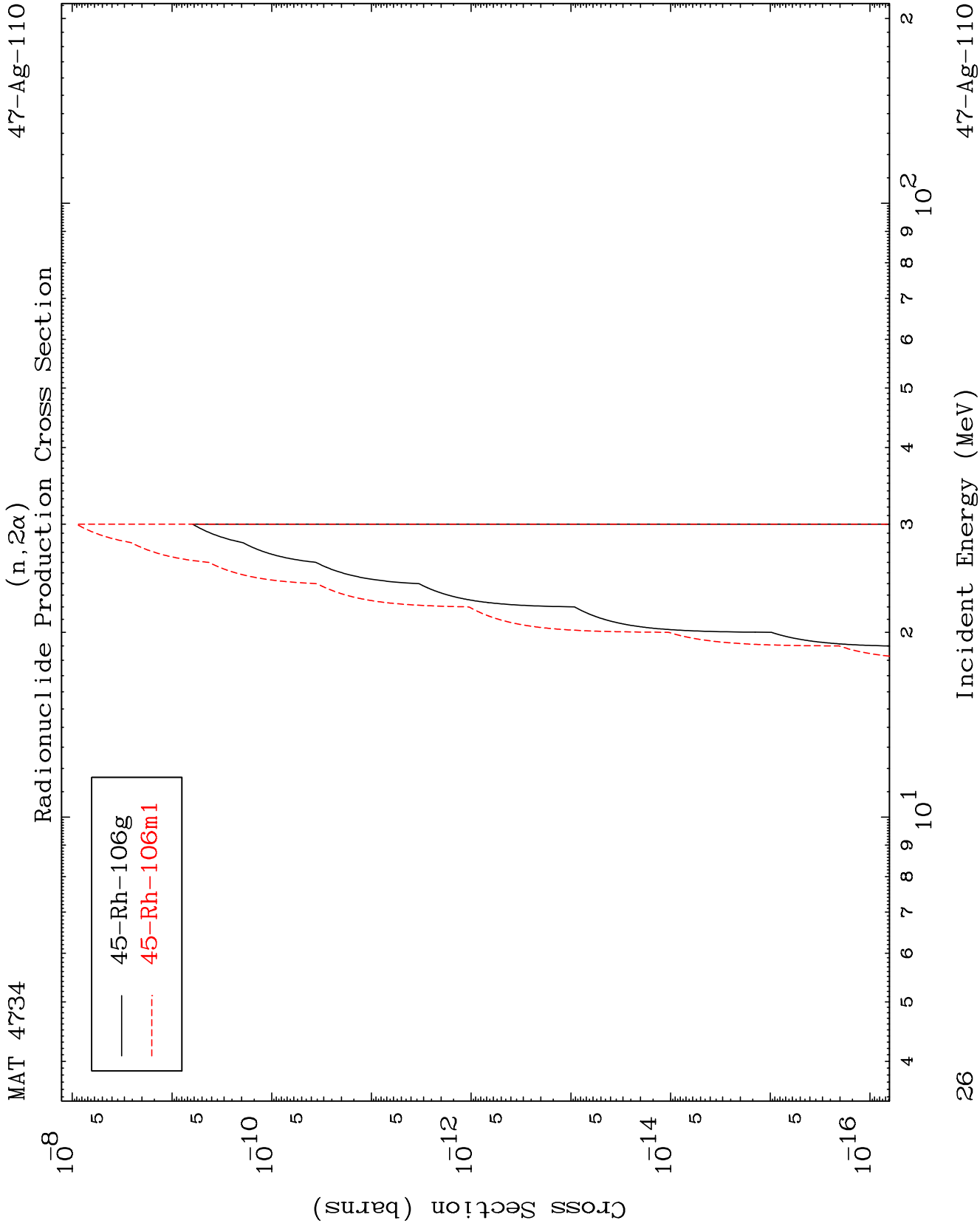
10

2

25

Incident Energy (MeV)

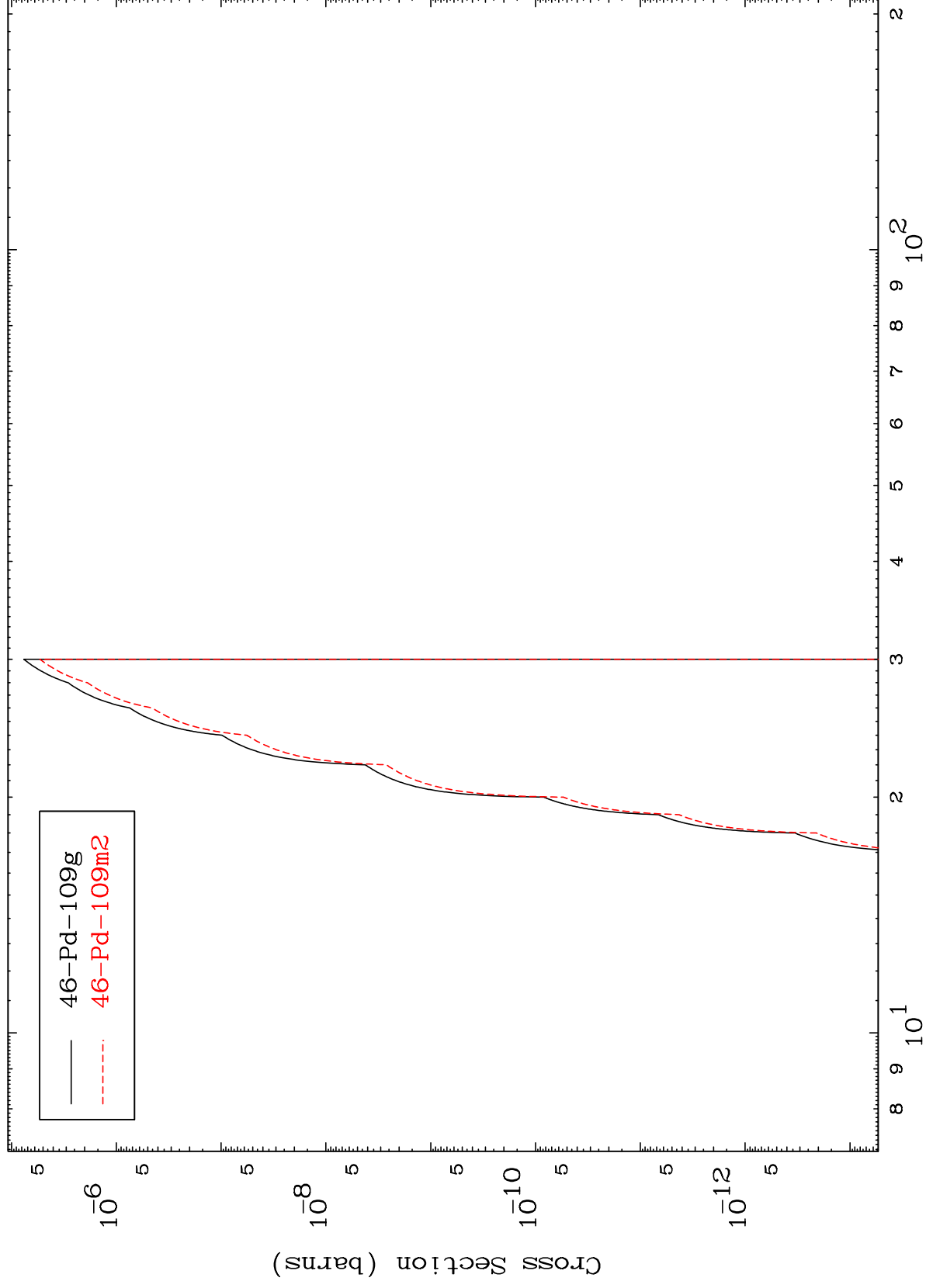
47-Ag-110



MAT 4734

47-Ag-110

(n,p) α
Radionuclide Production Cross Section



27

Incident Energy (MeV)

47-Ag-110

