

Program EVALPLOT
(Version 2018-1)

by

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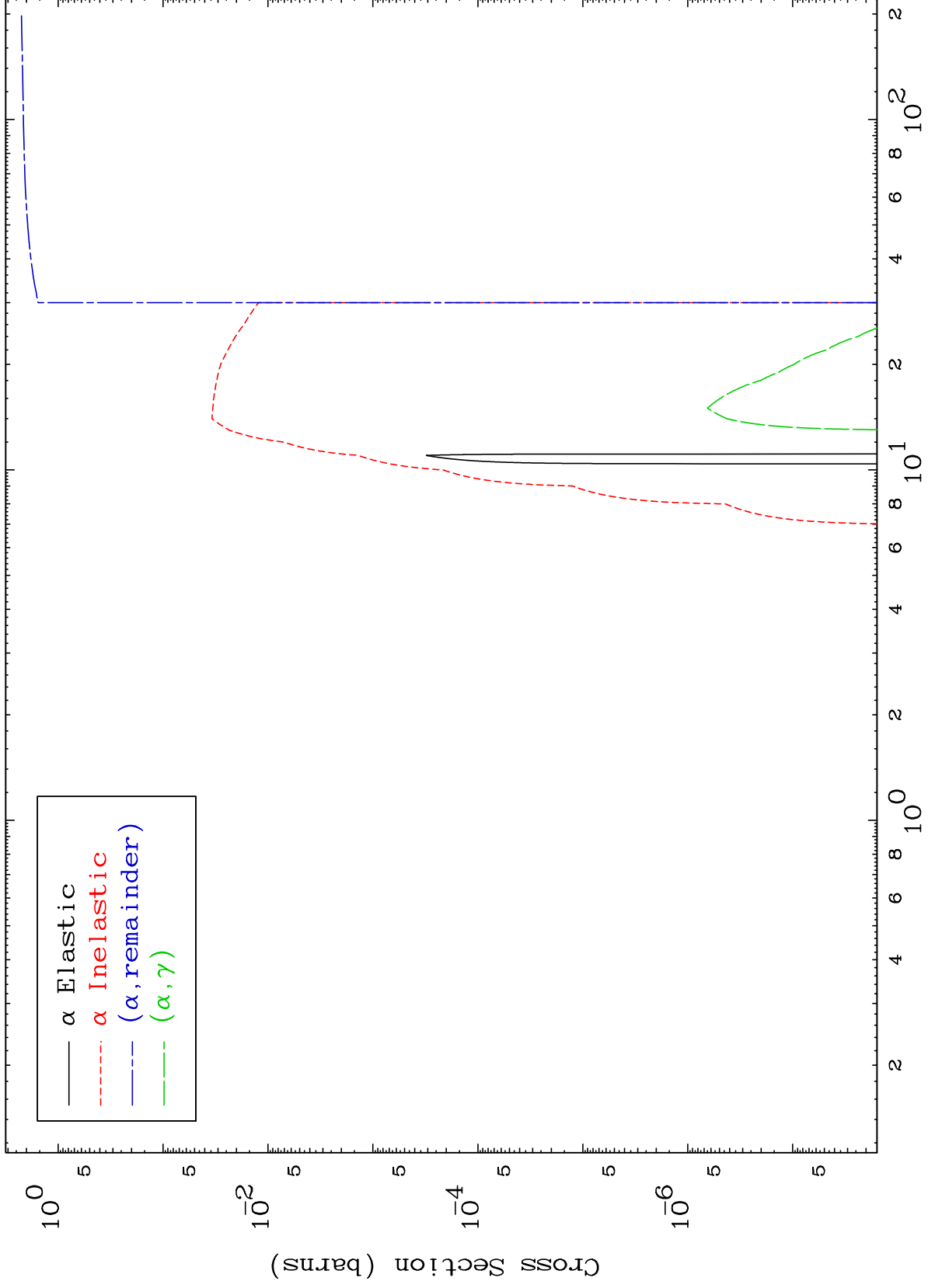
Press Mouse Button to Start

MAT 4873

α Major

48-Cd-122

0 Kelvin Cross Sections

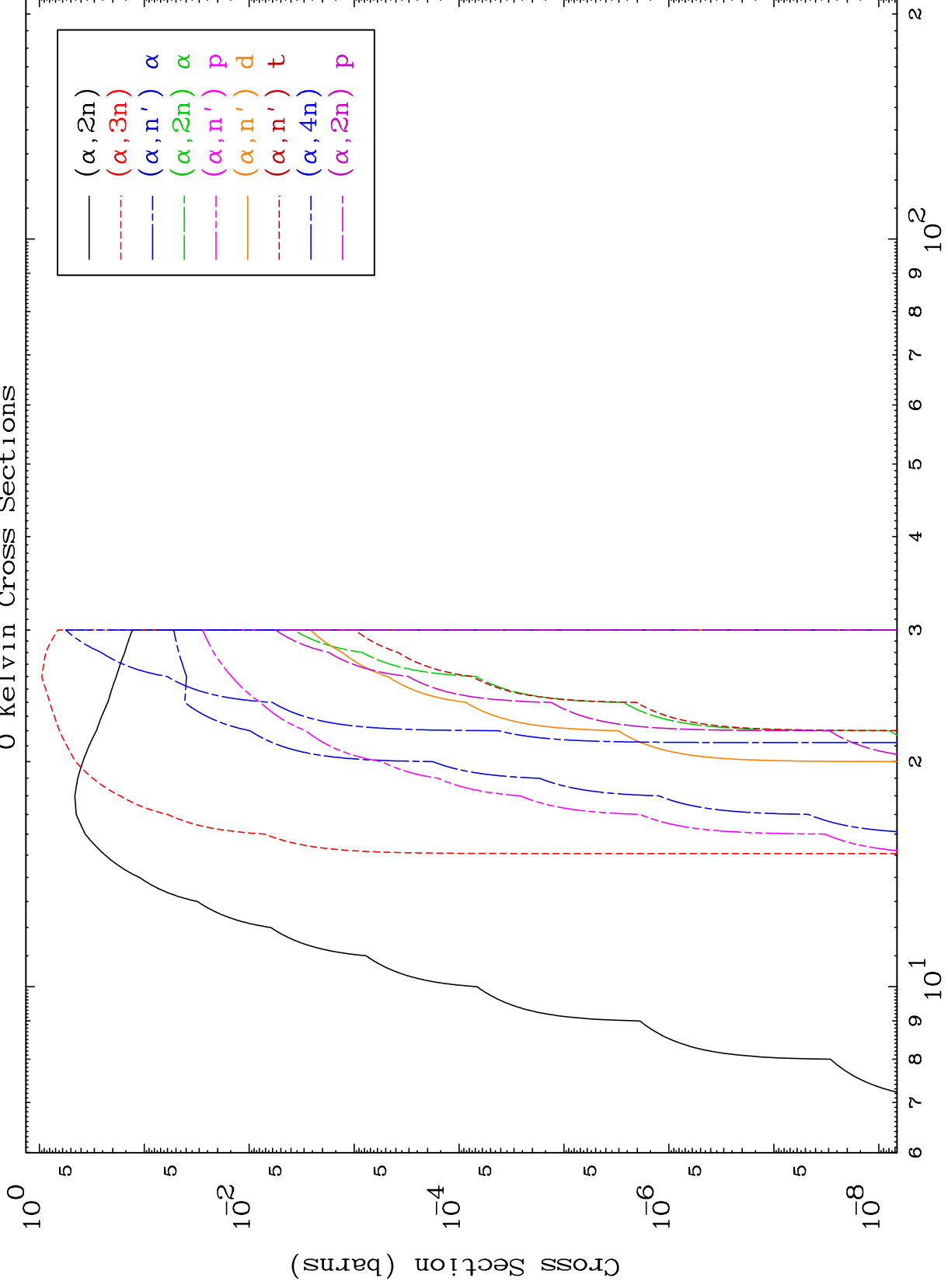


α Elastic
 α Inelastic
(α , remainder)
(α, γ)

MAT 4873

α Neutron Production
0 Kelvin Cross Sections

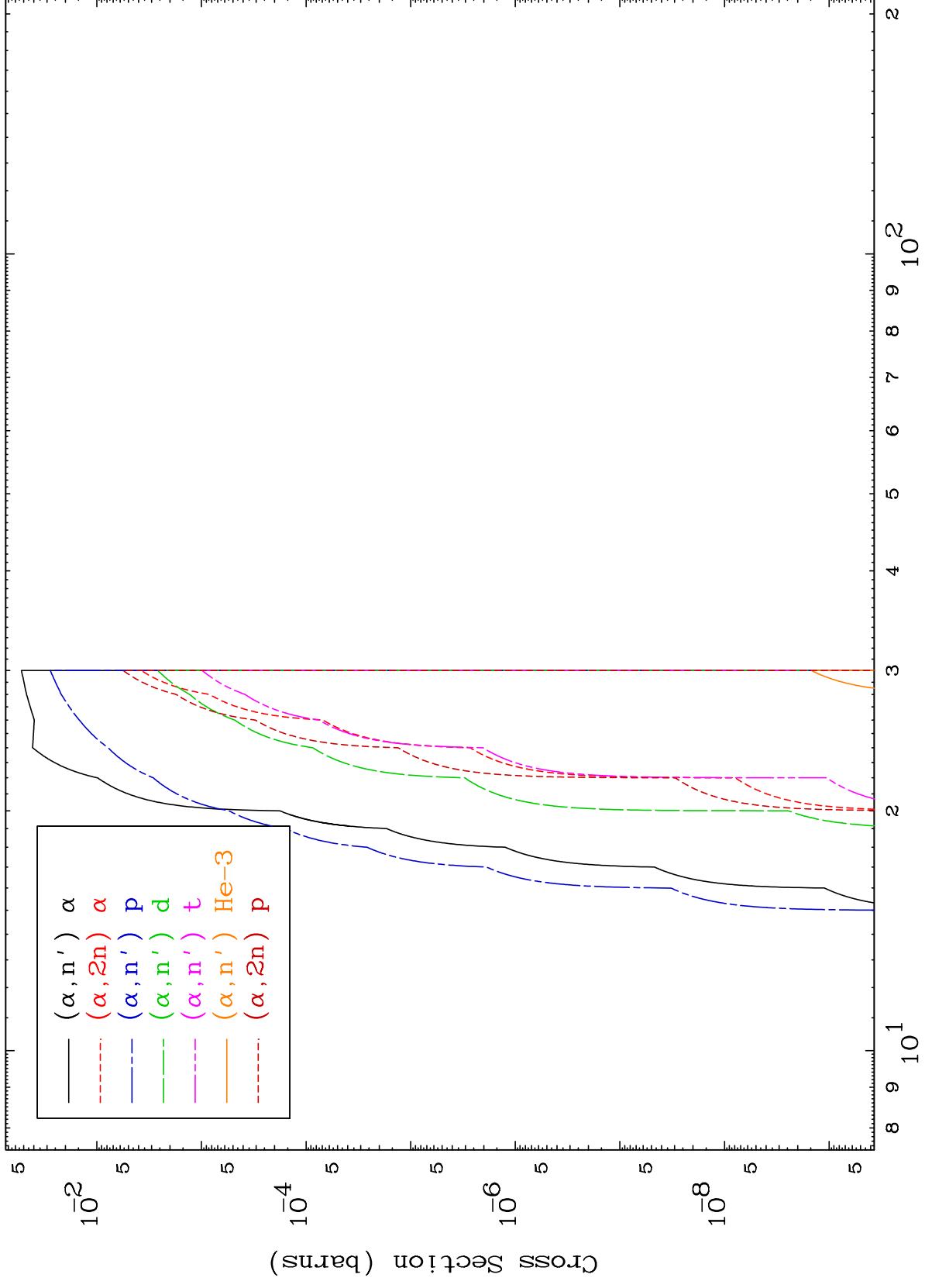
48-Cd-122



2

Incident Energy (MeV)

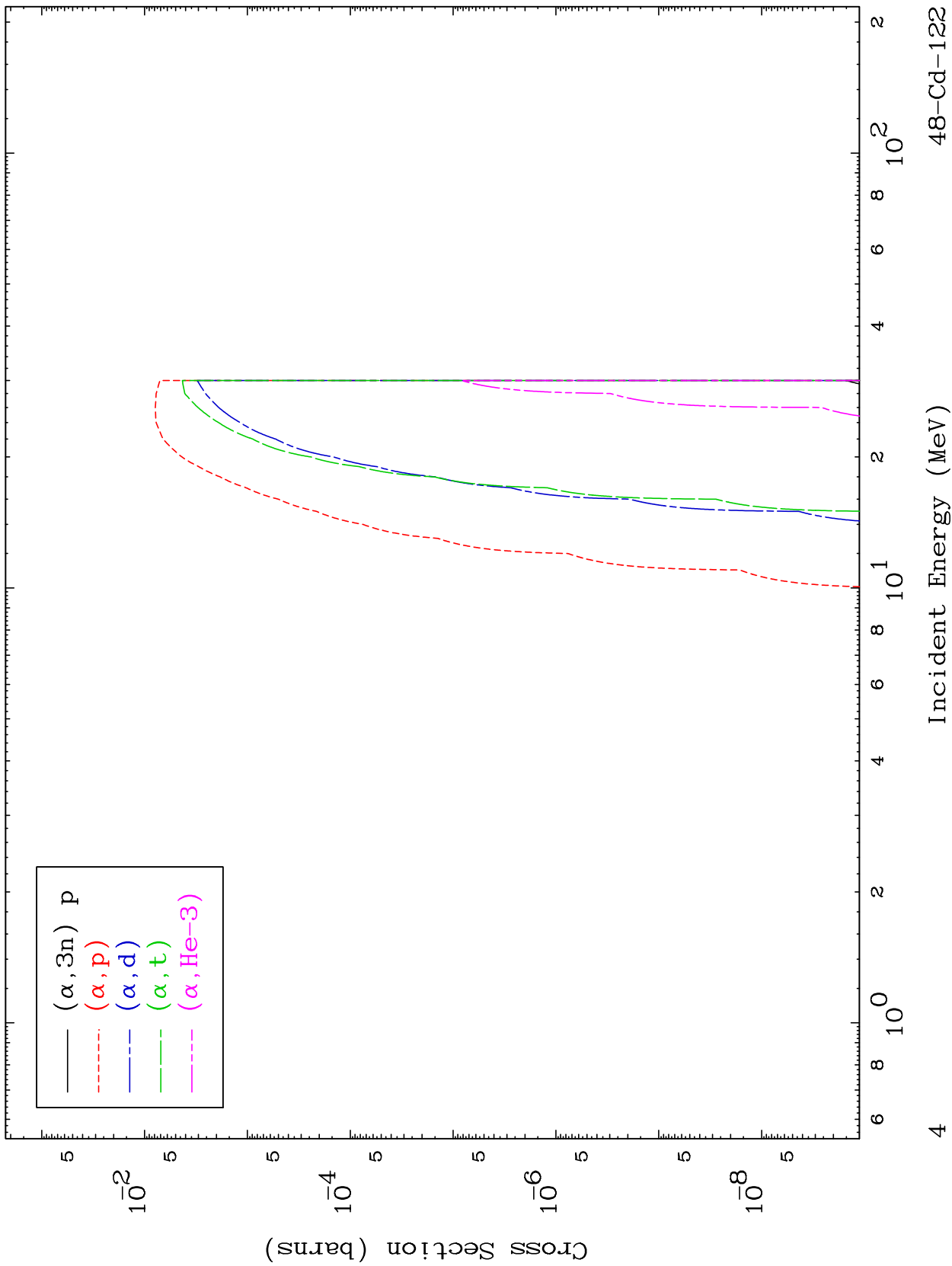
48-Cd-122



MAT 4873

α Charged Particle
0 Kelvin Cross Sections

48-Cd-122

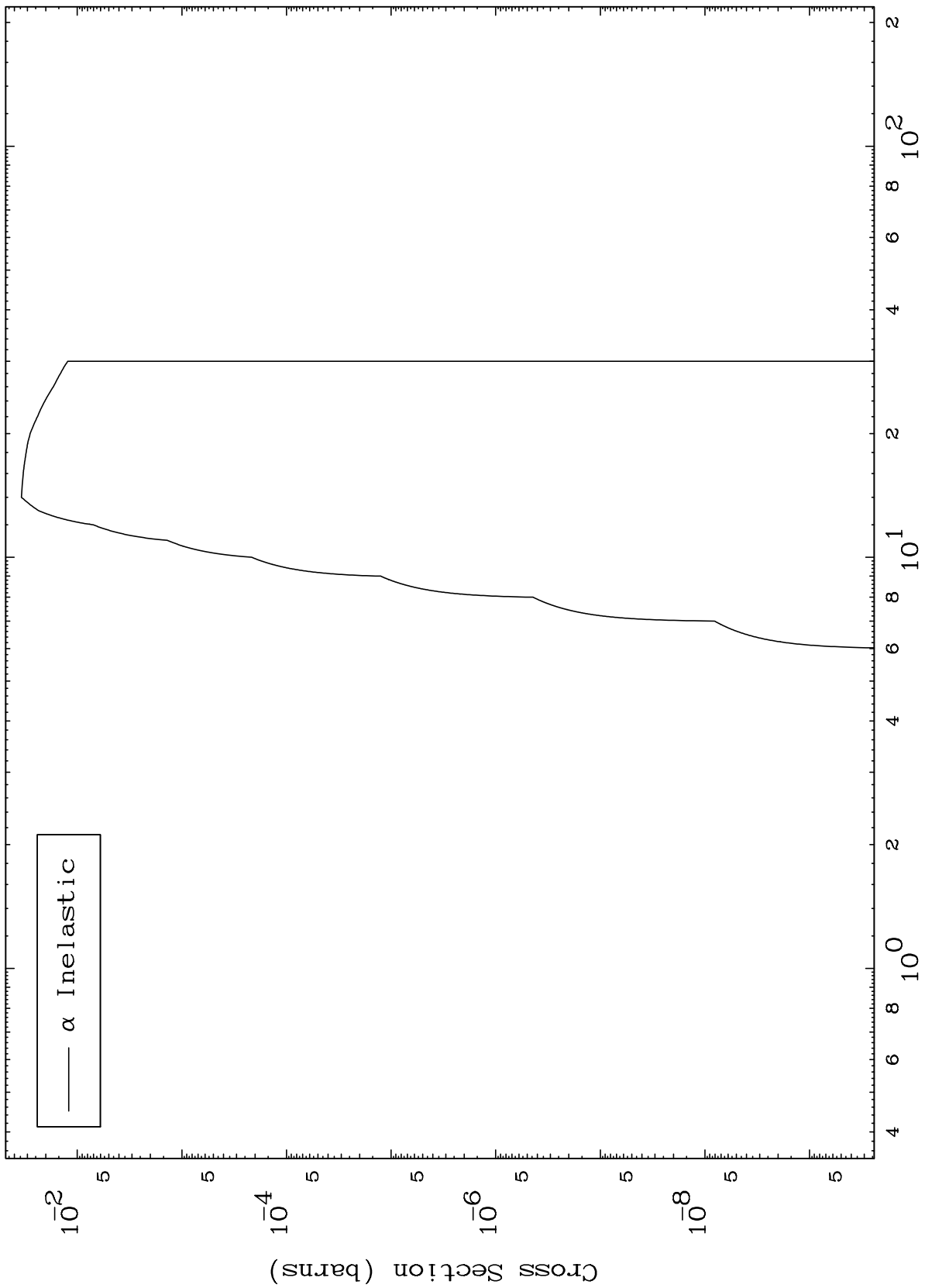


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(α, n') Level

48-Cd-122

0 Kelvin Cross Sections



5

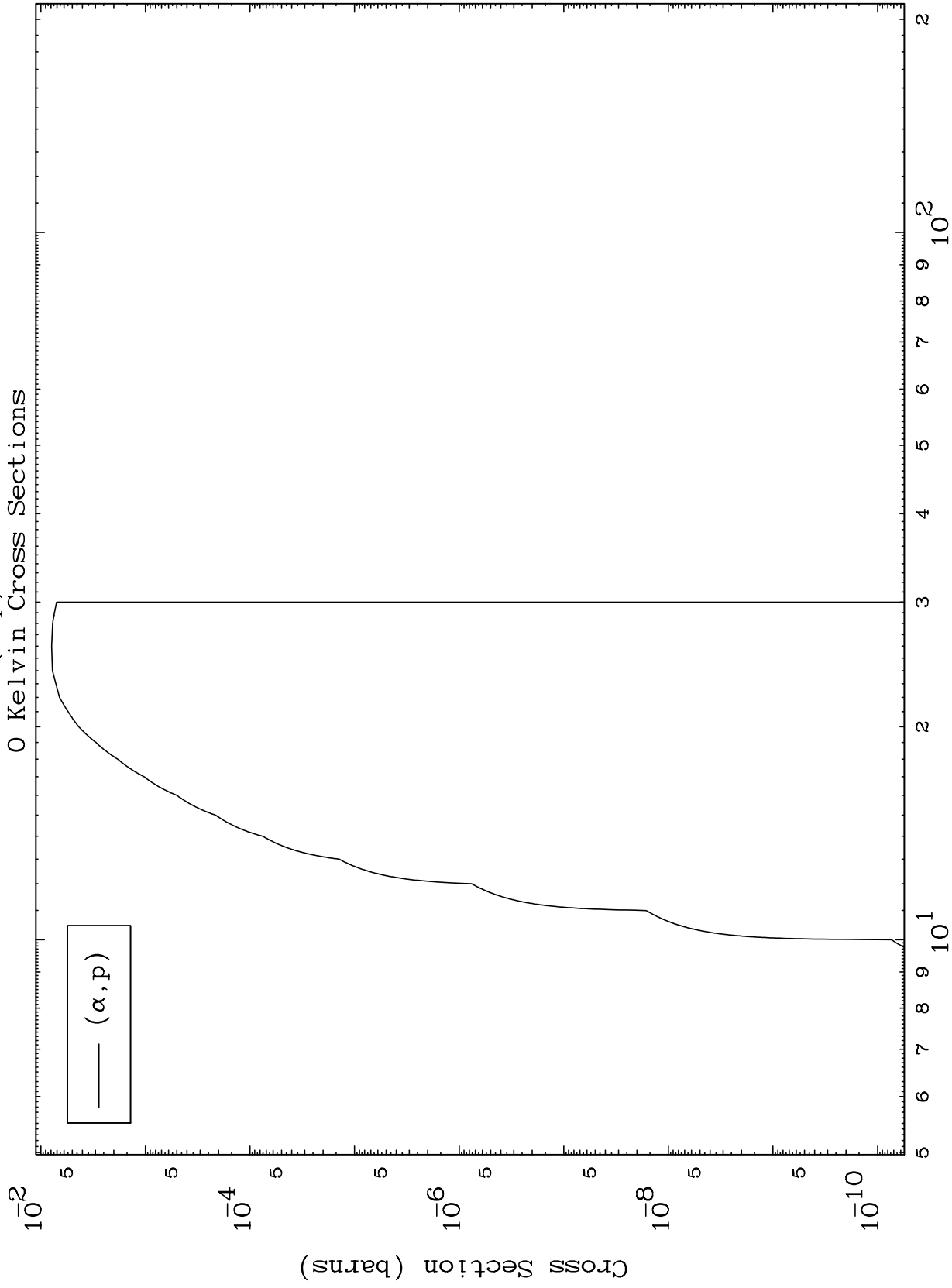
Incident Energy (MeV)

48-Cd-122

MAT 4873

(α, p) Levels

48-Cd-122



6

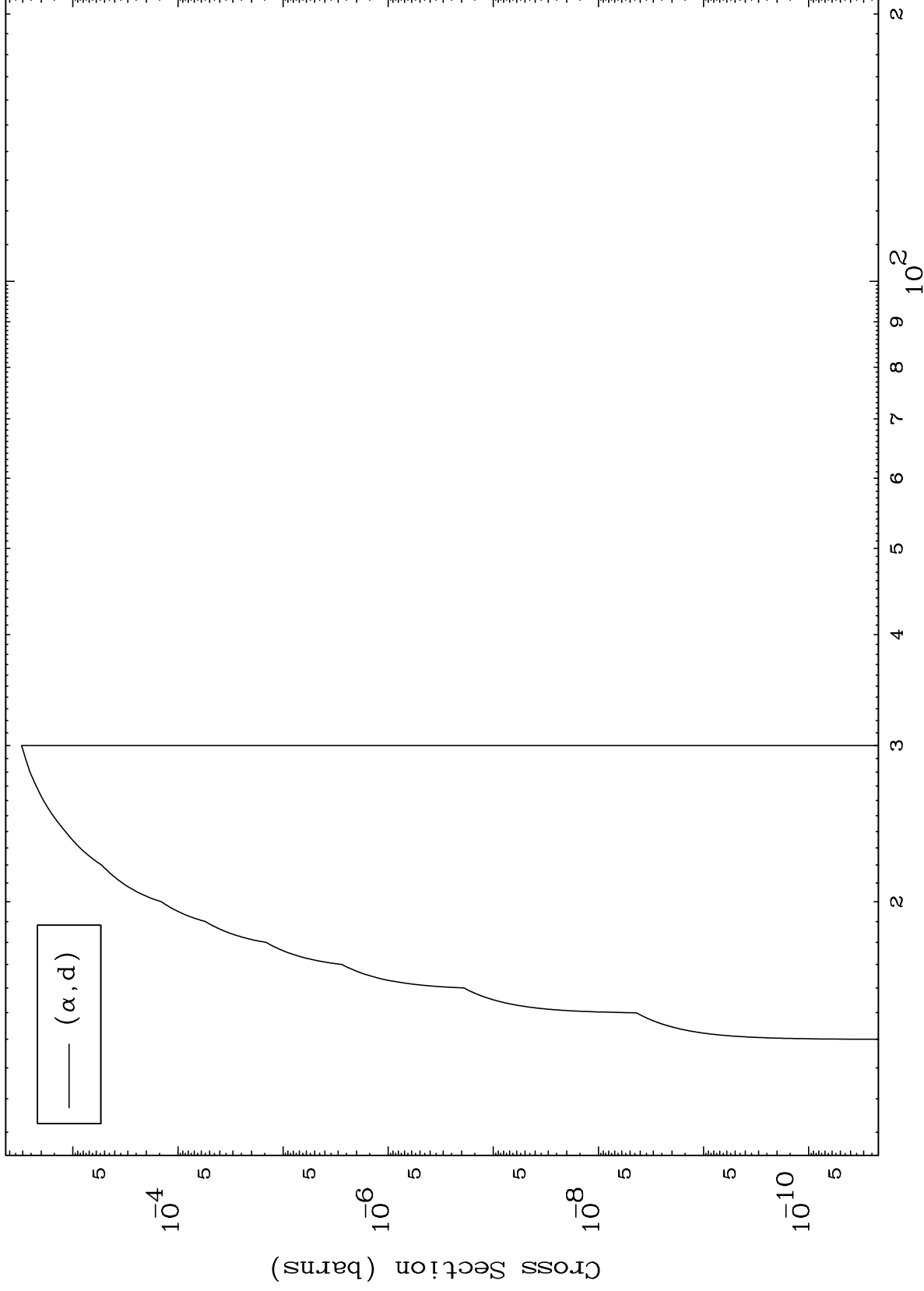
Incident Energy (MeV)

48-Cd-122

MAT 4873

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-122



7

Incident Energy (MeV)

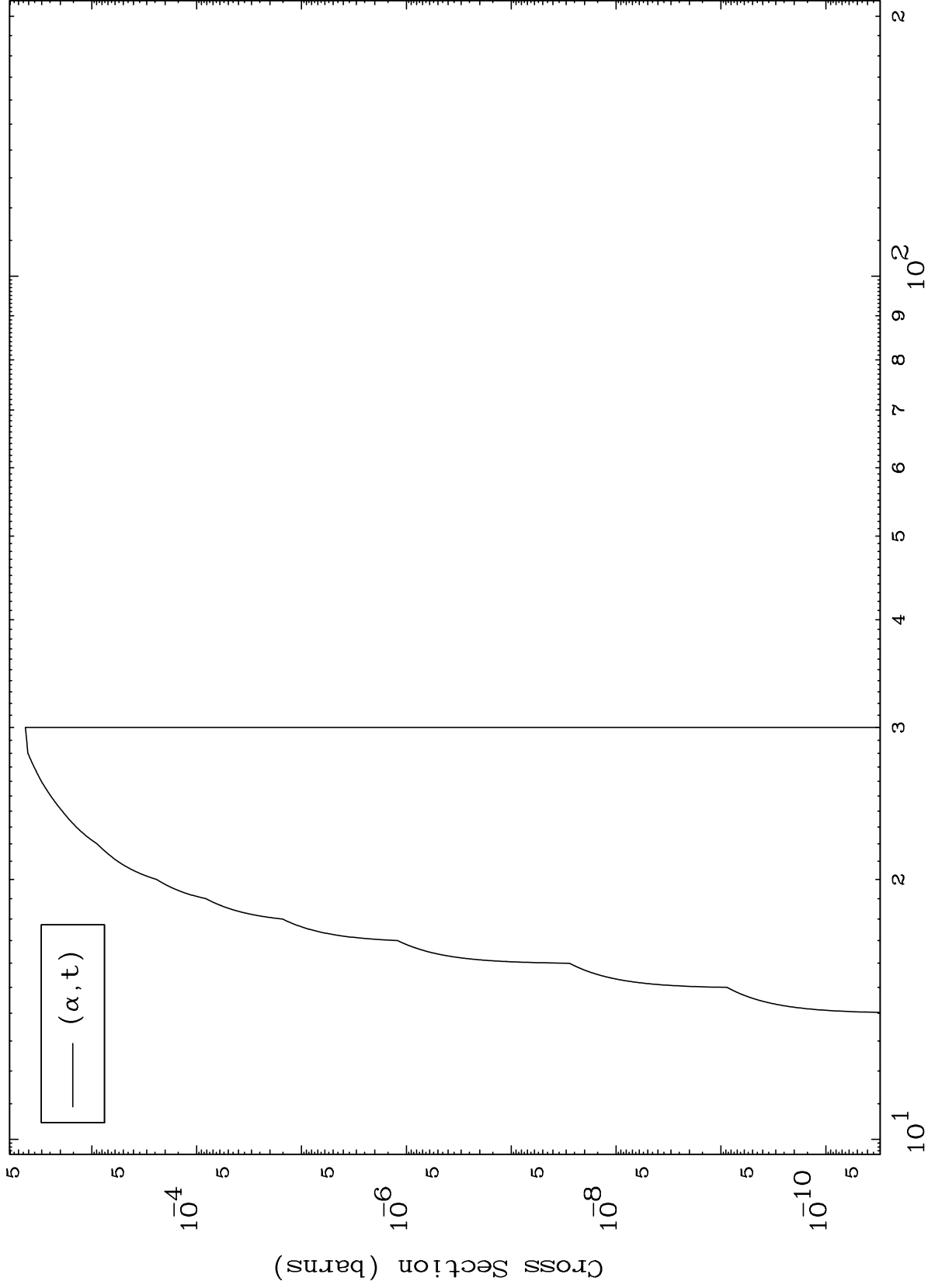
48-Cd-122

MAT 4873

(α, t) Levels

48-Cd-122

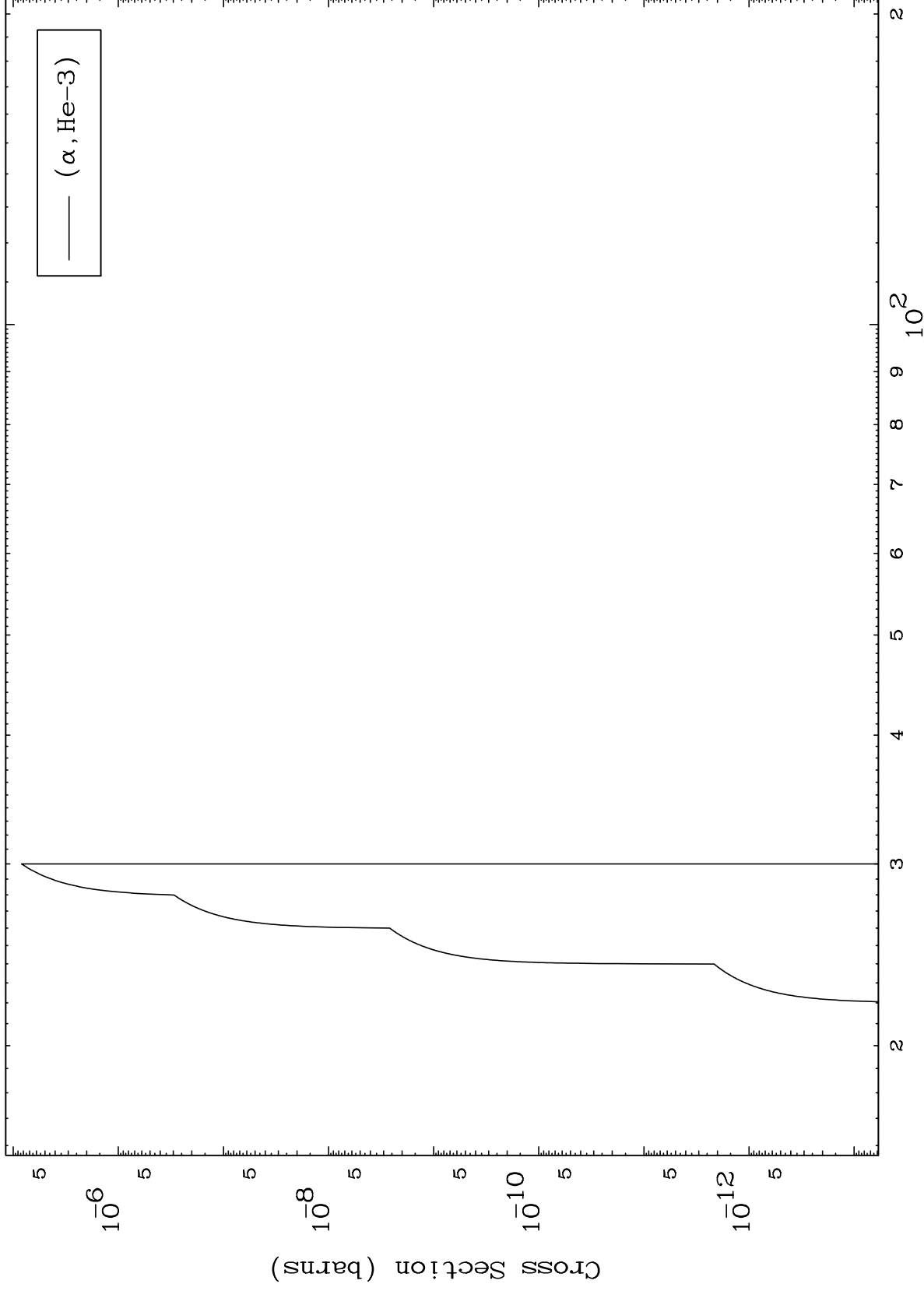
0 Kelvin Cross Sections



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(α , He3) Levels
0 Kelvin Cross Sections

48-Cd-122



9

Incident Energy (MeV)

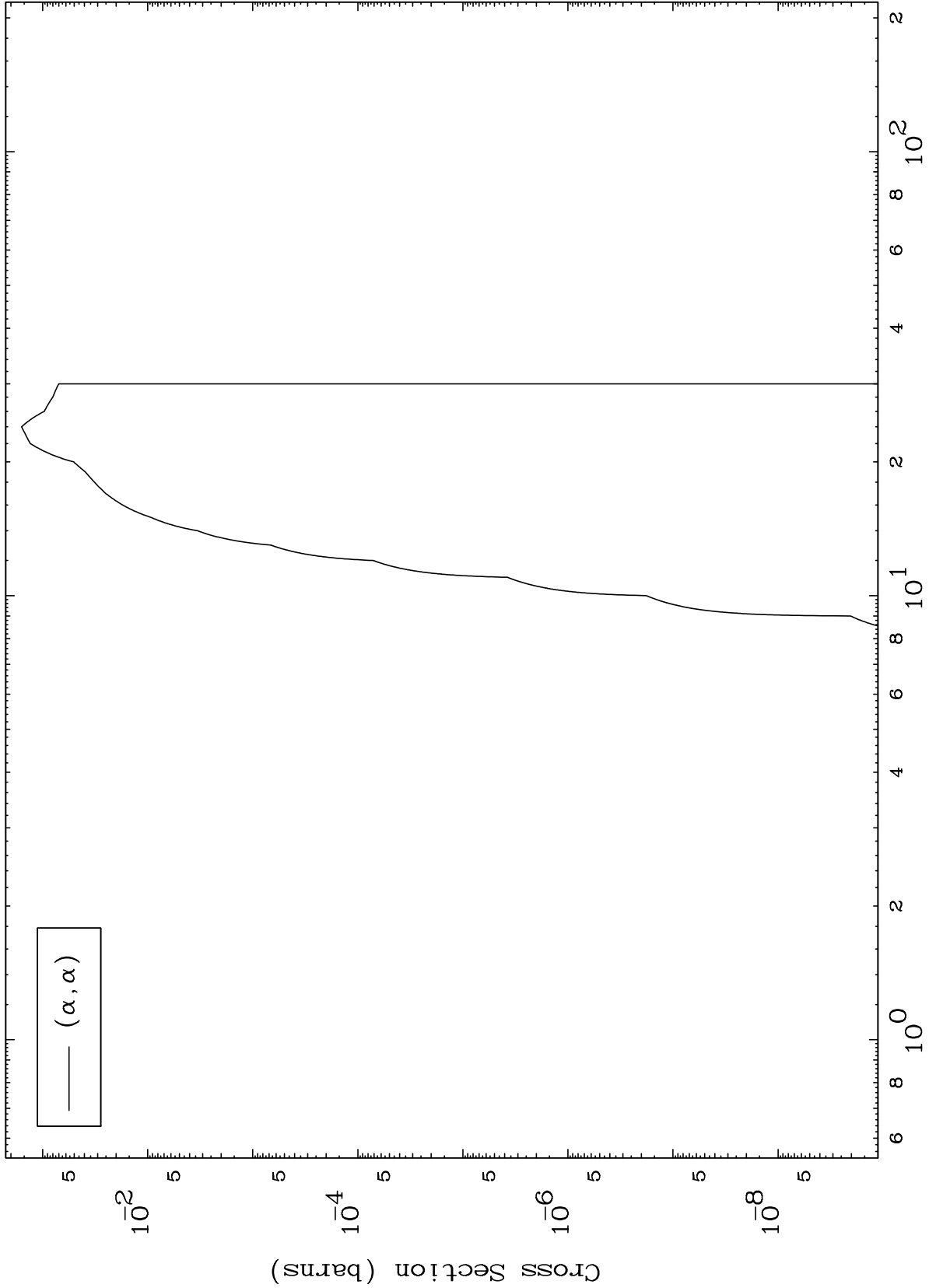
48-Cd-122

MAT 4873

(α, α) Levels

48-Cd-122

0 Kelvin Cross Sections



10

Incident Energy (MeV)

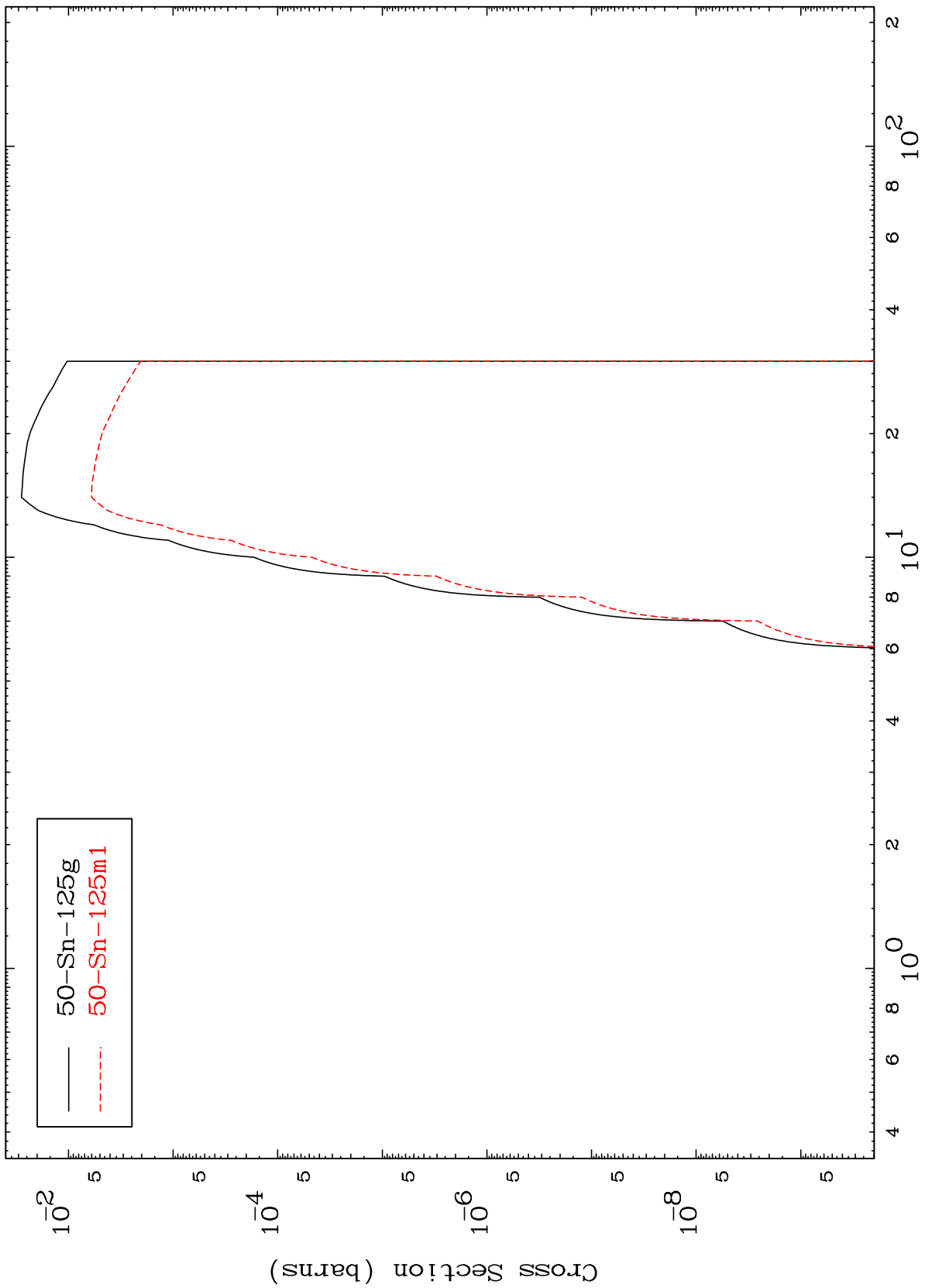
48-Cd-122

MAT 4873

48-Cd-122

Radionuclide Production Cross Section

α Inelastic



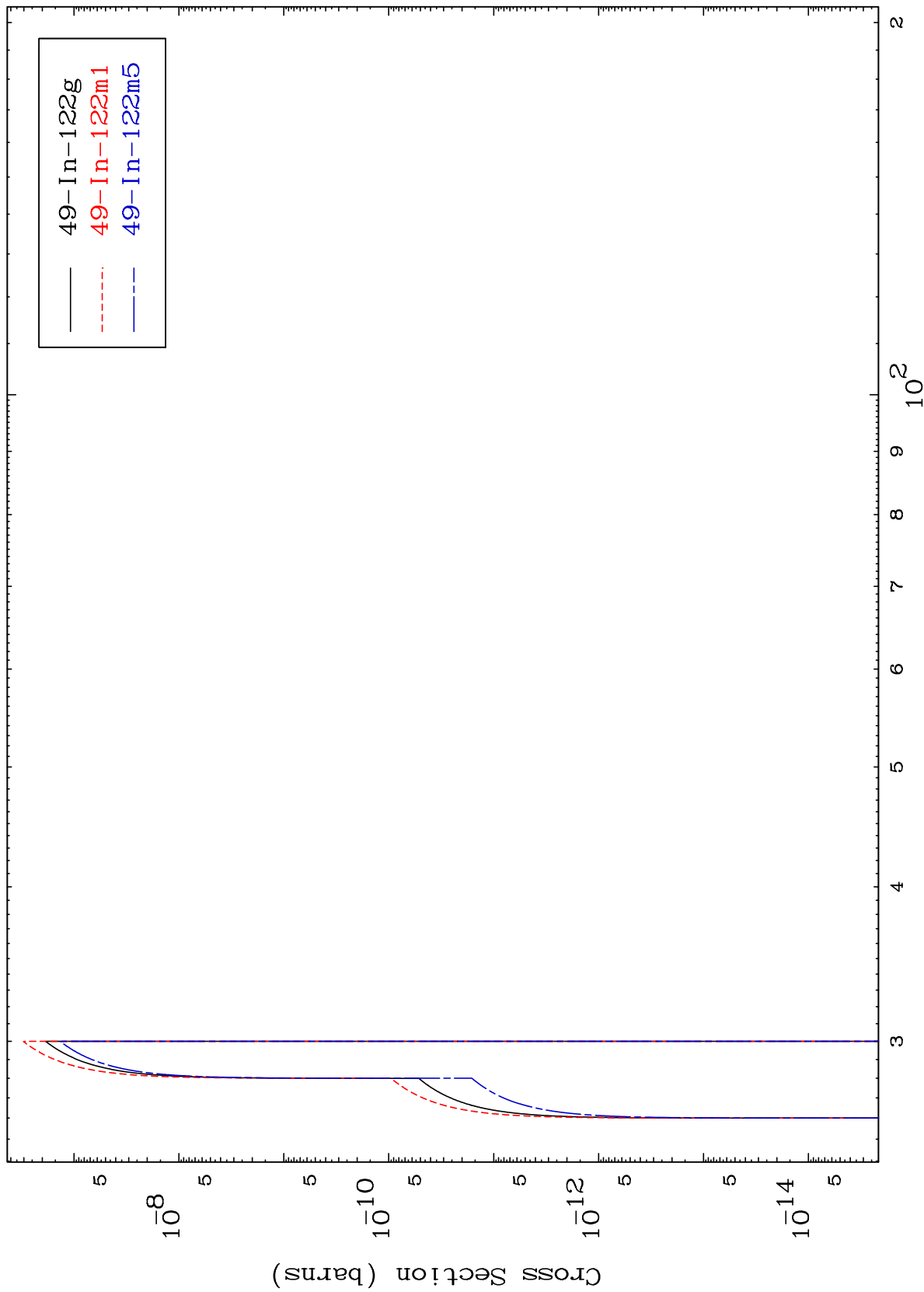
50-Sn-125g
50-Sn-125m1

MAT 4873

48-Cd-122

($\alpha, 2n$) d

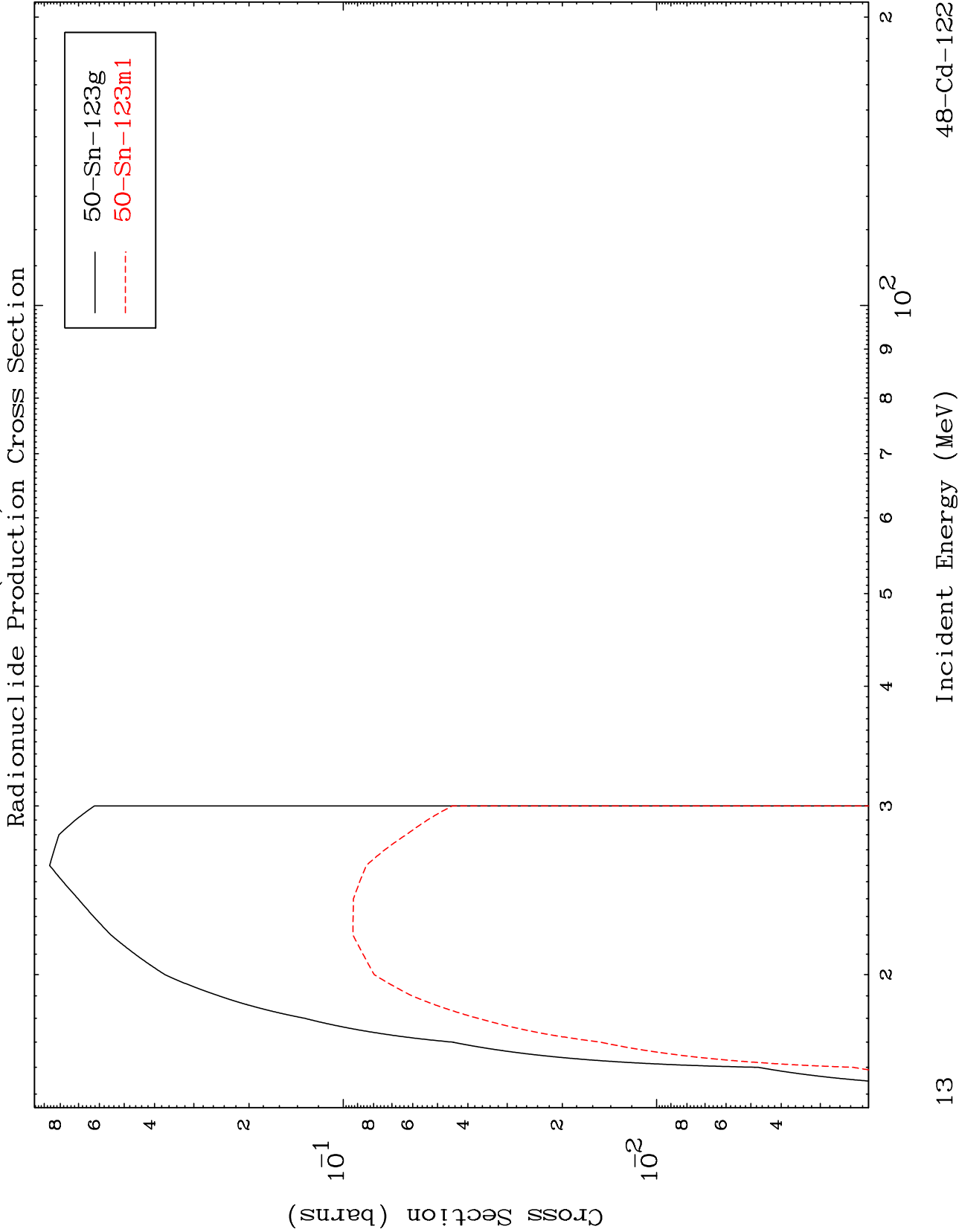
Radionuclide Production Cross Section



12

Incident Energy (MeV)

48-Cd-122

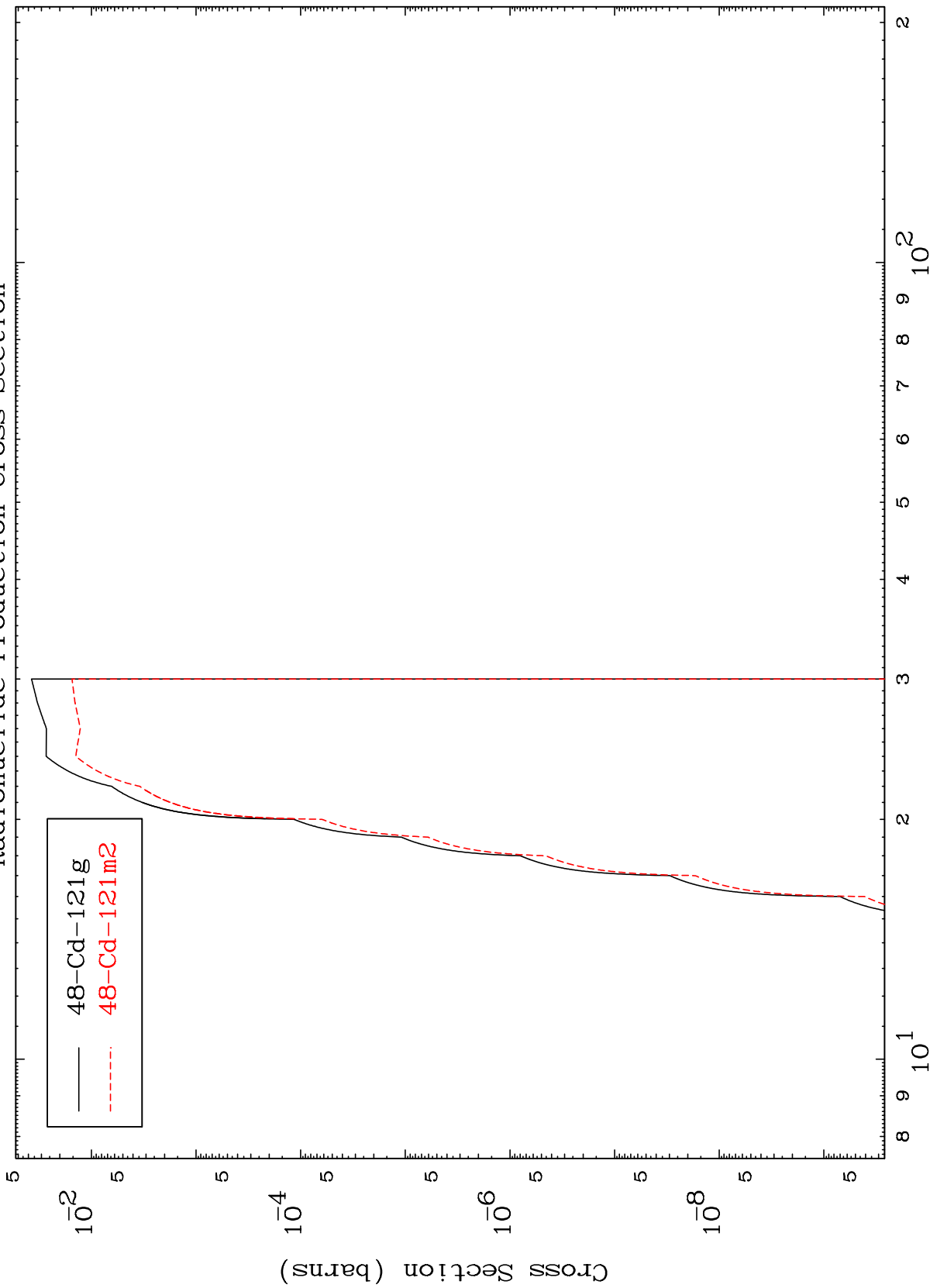


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(α, n') α

48-Cd-122

Radionuclide Production Cross Section



14

Incident Energy (MeV)

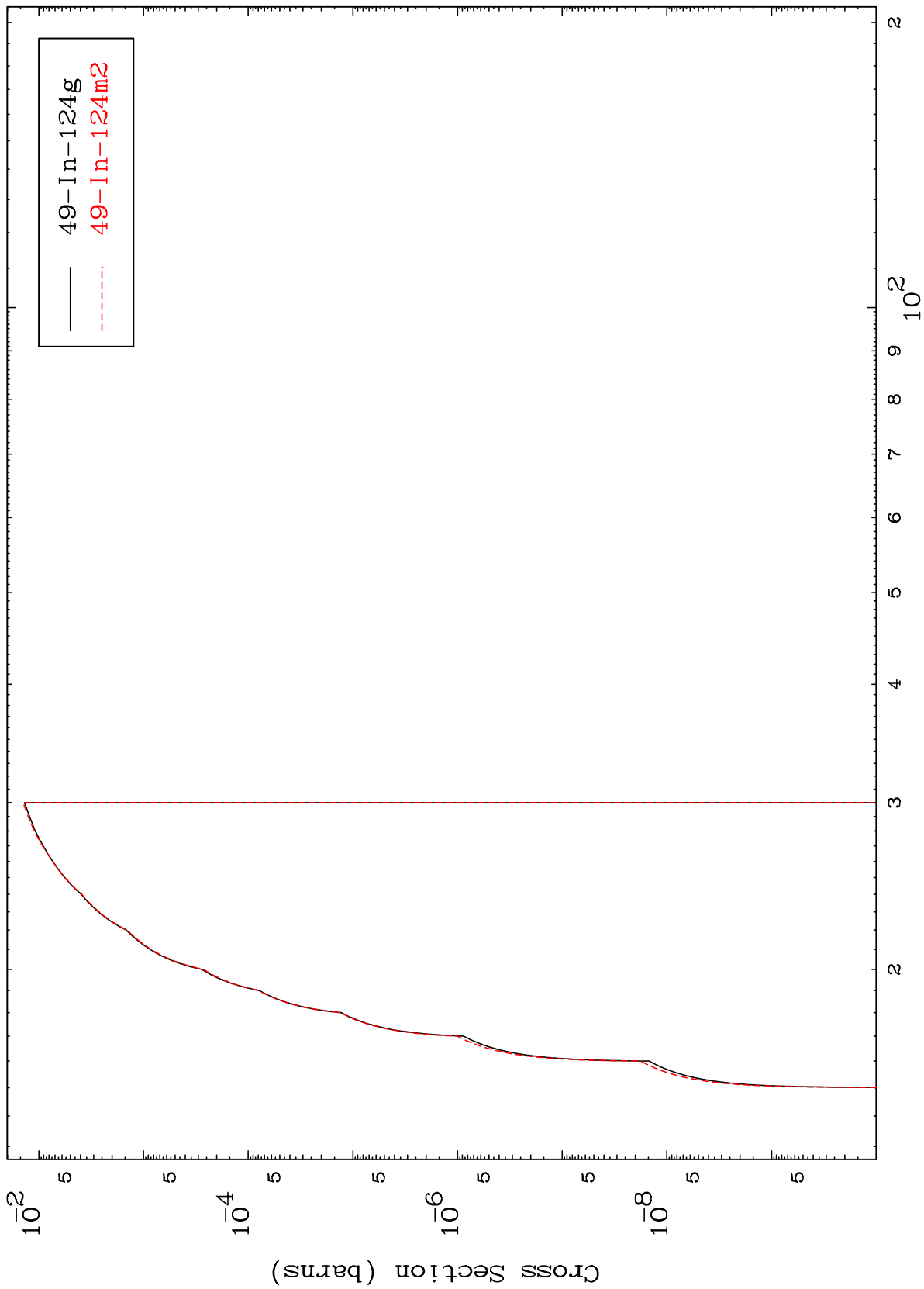
48-Cd-122

MAT 4873

(α, n') p

48-Cd-122

Radionuclide Production Cross Section

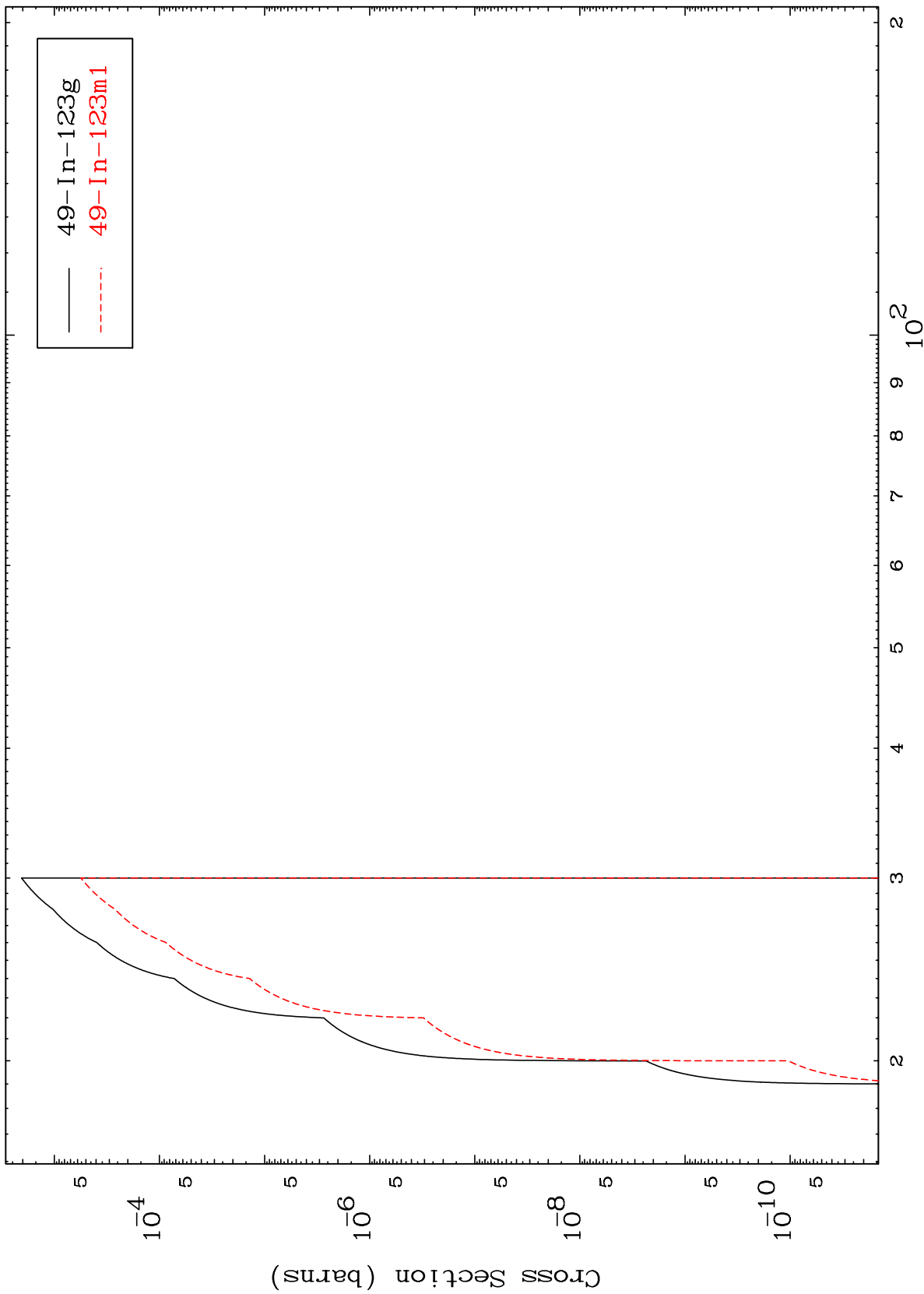


15

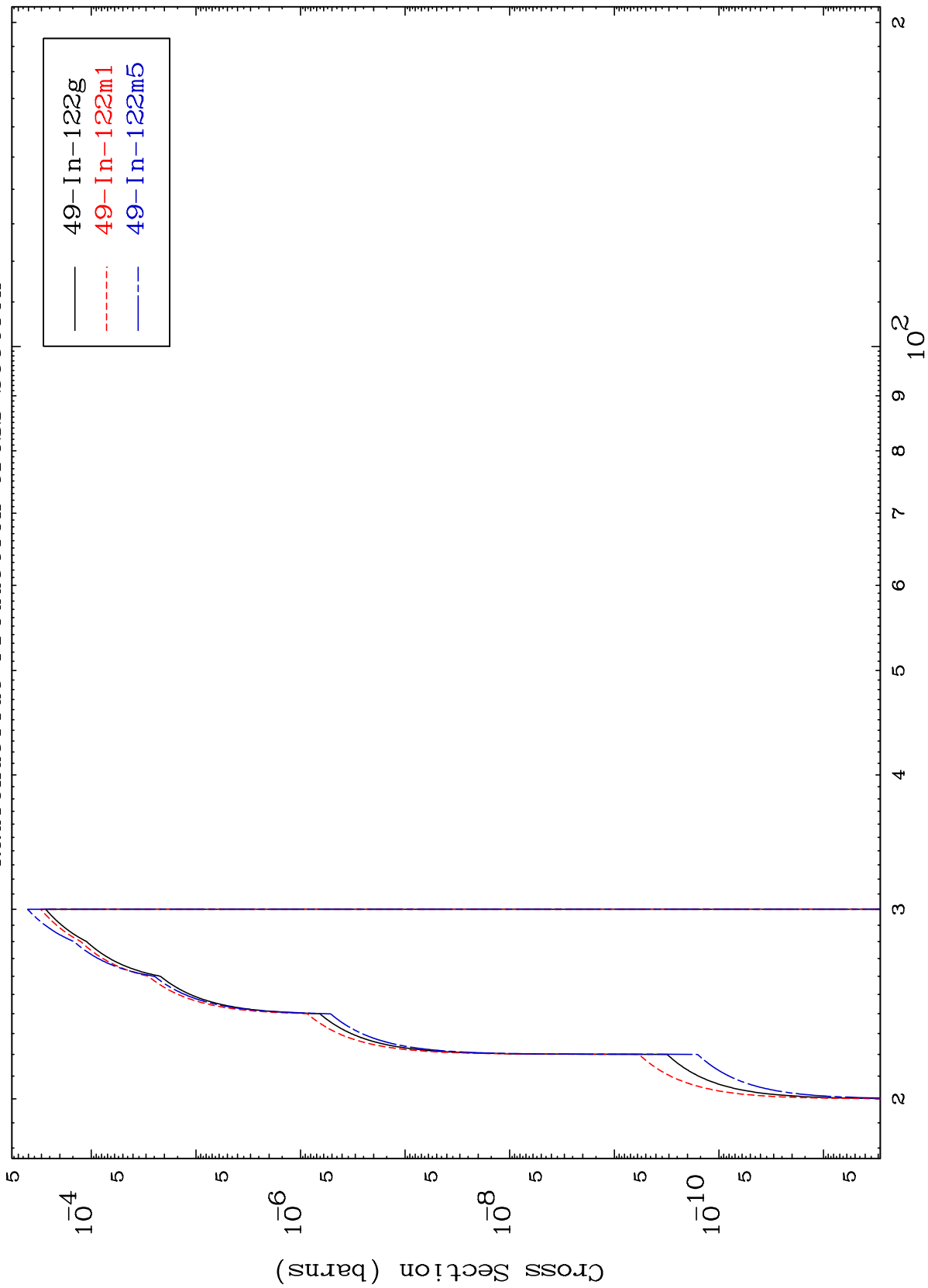
Incident Energy (MeV)

48-Cd-122

Radionuclide Production Cross Section



Radionuclide Production Cross Section

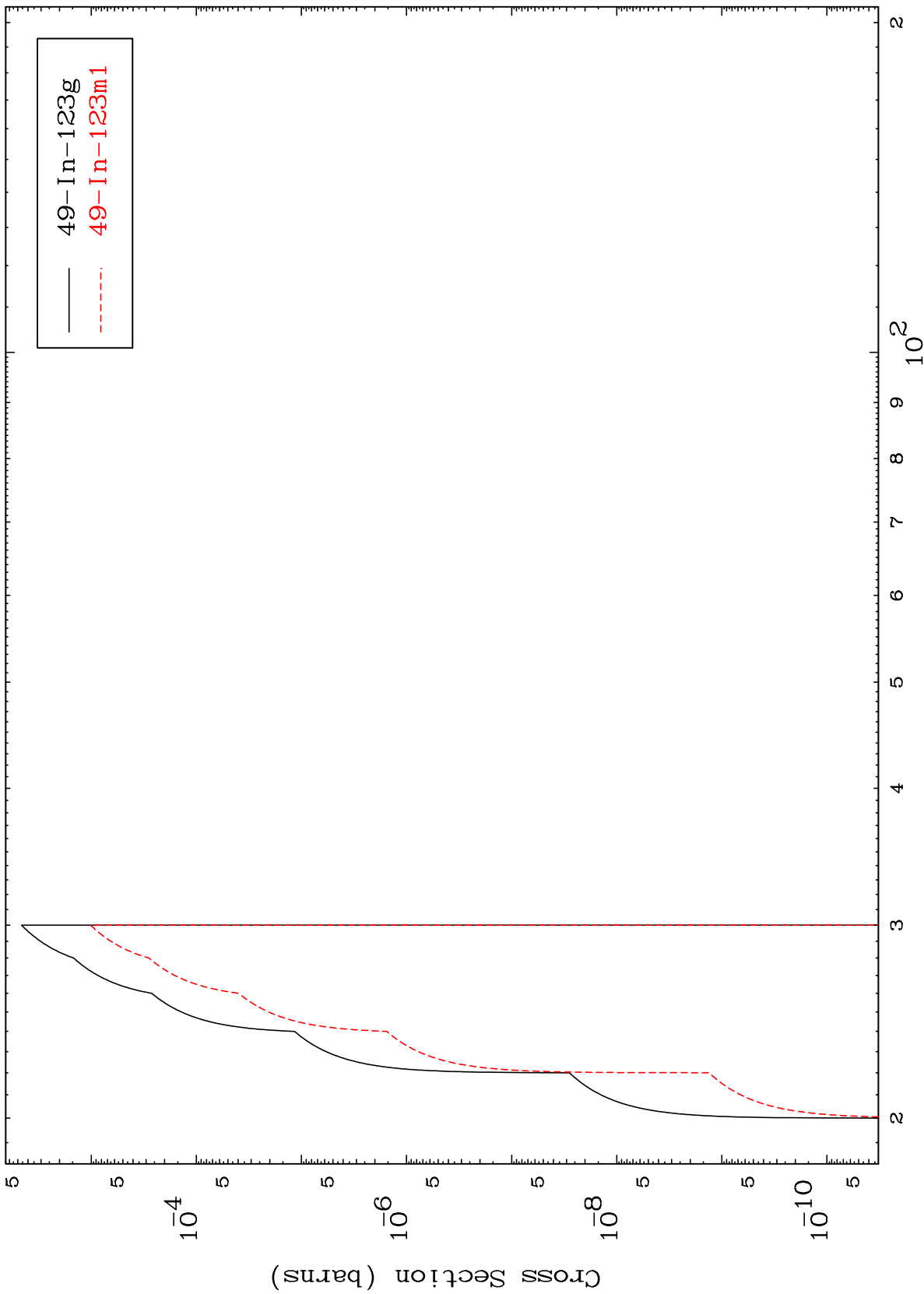


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($\alpha, 2n$) p

48-Cd-122

Radionuclide Production Cross Section



18

Incident Energy (MeV)

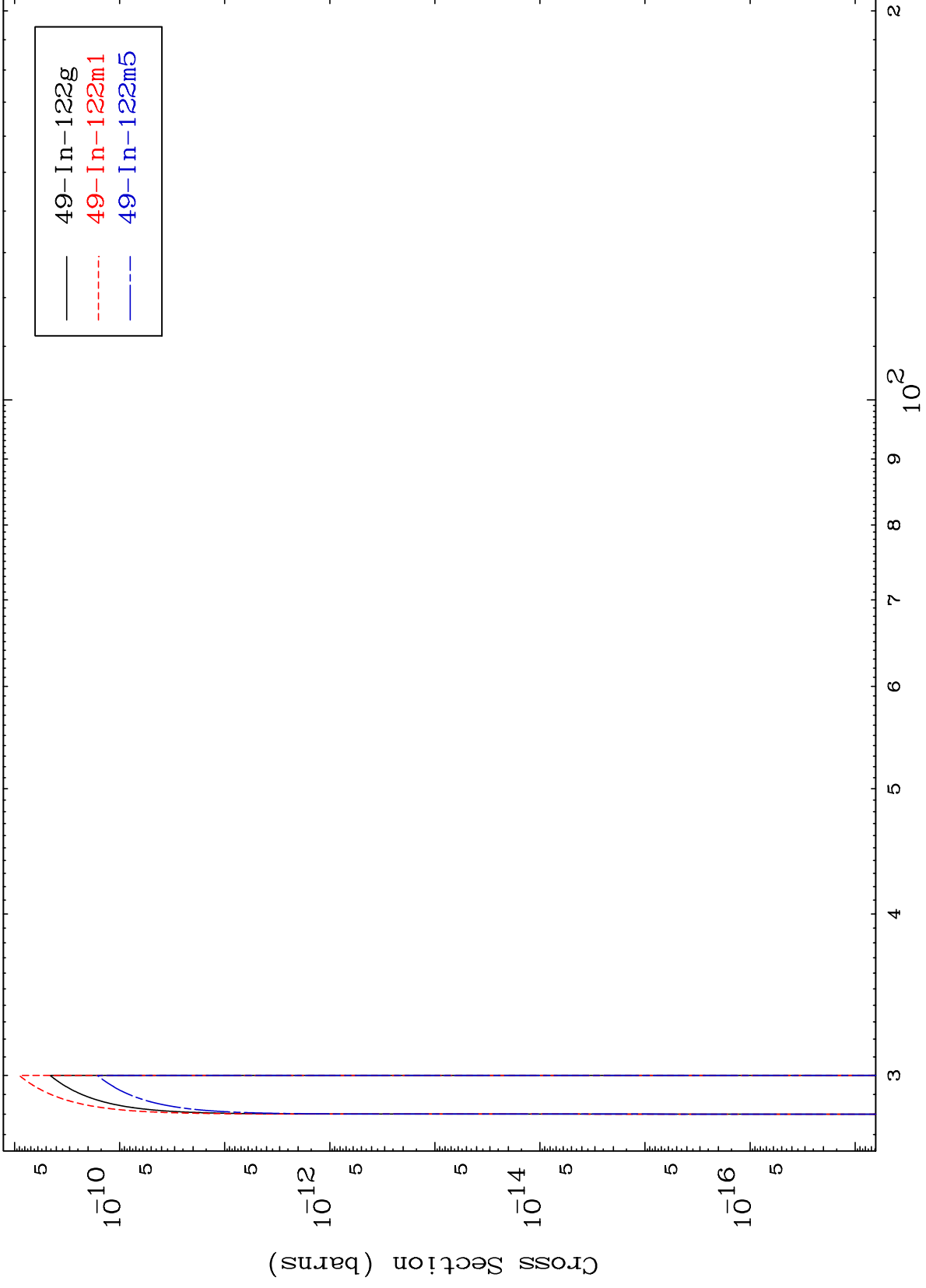
48-Cd-122

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($\alpha, 3n$) p

48-Cd-122

Radionuclide Production Cross Section



19

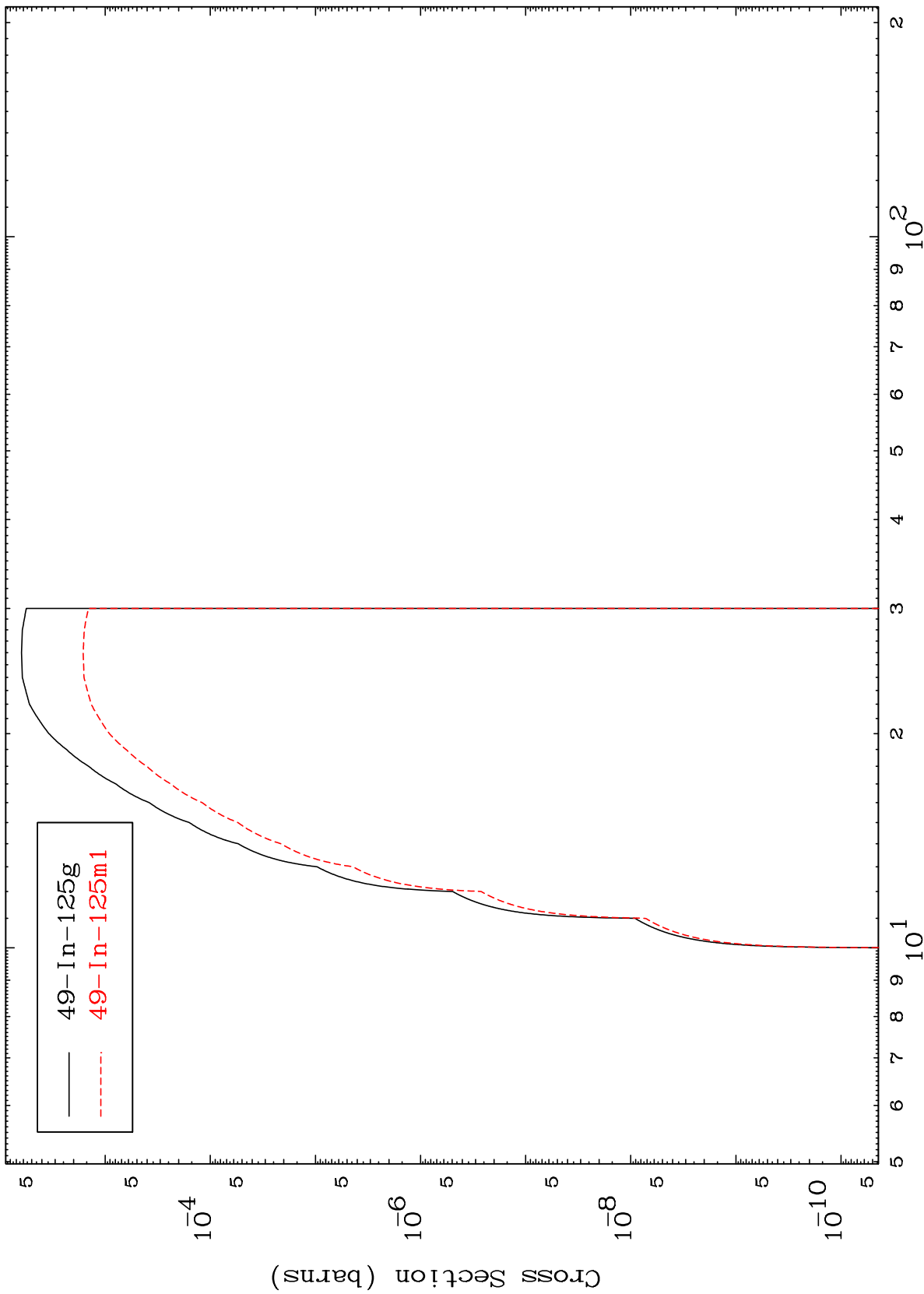
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

(α, p)
Radionuclide Production Cross Section

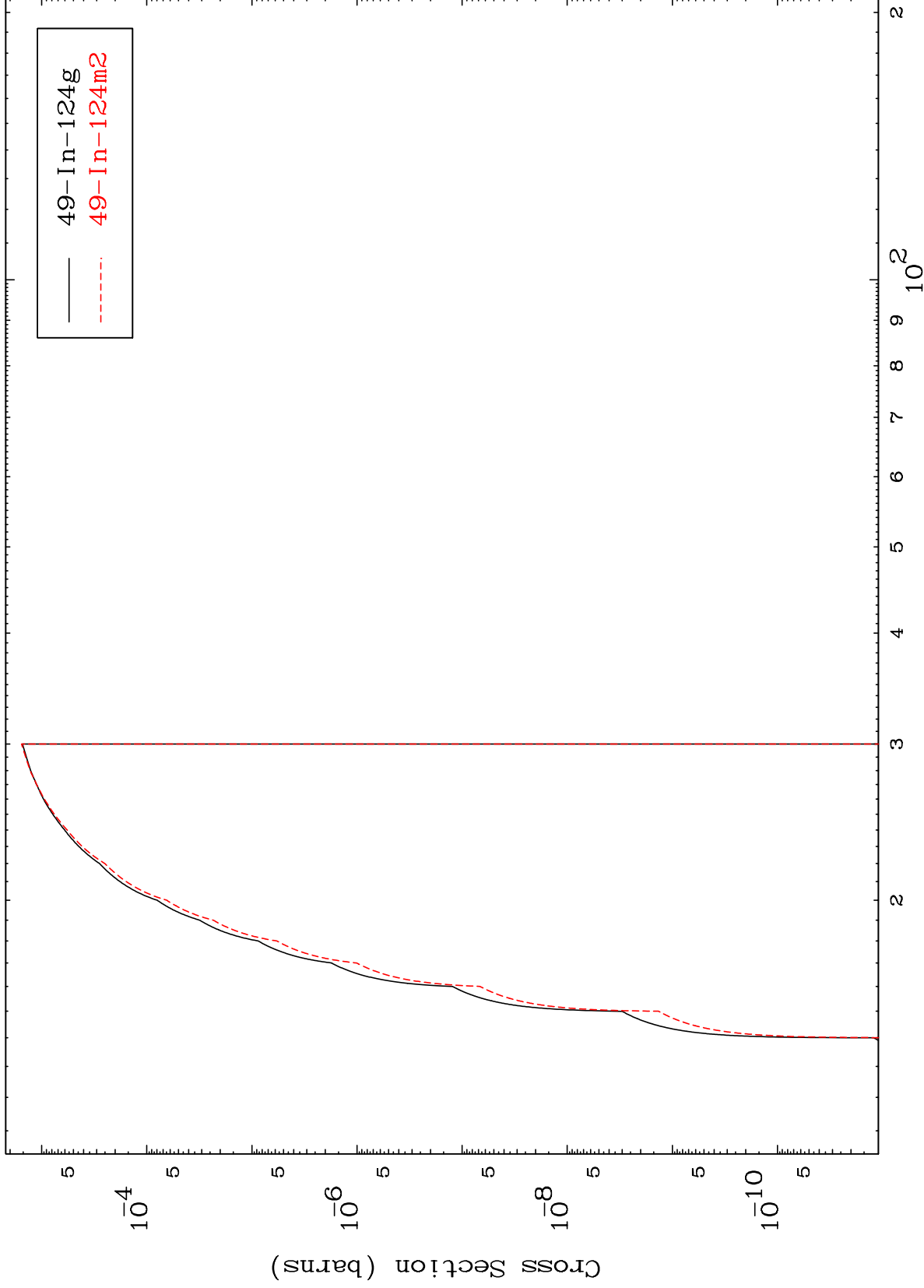


20

Incident Energy (MeV)

48-Cd-122

Radionuclide Production Cross Section

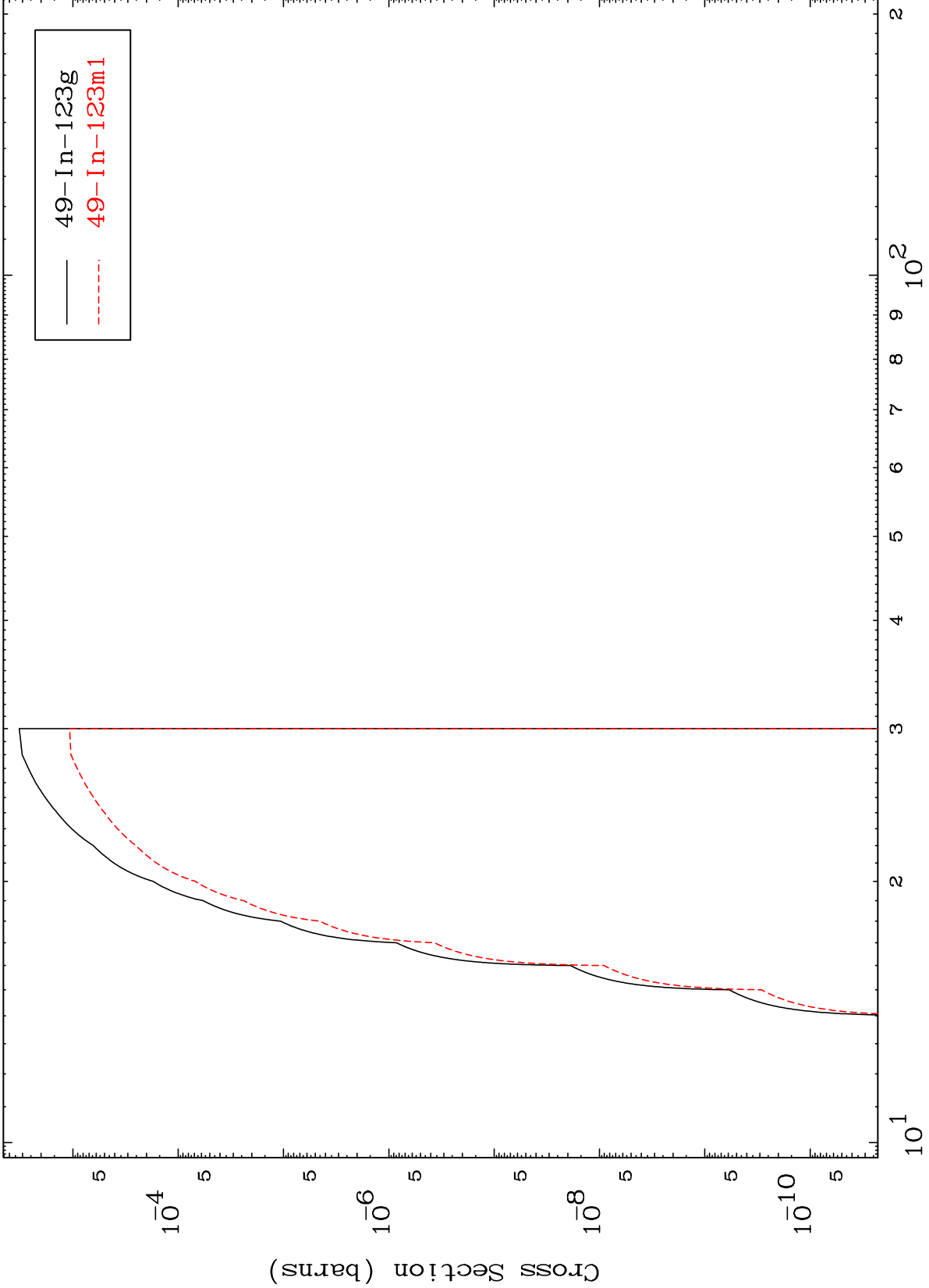


MAT 4873

(α, t)

48-Cd-122

Radionuclide Production Cross Section



22

Incident Energy (MeV)

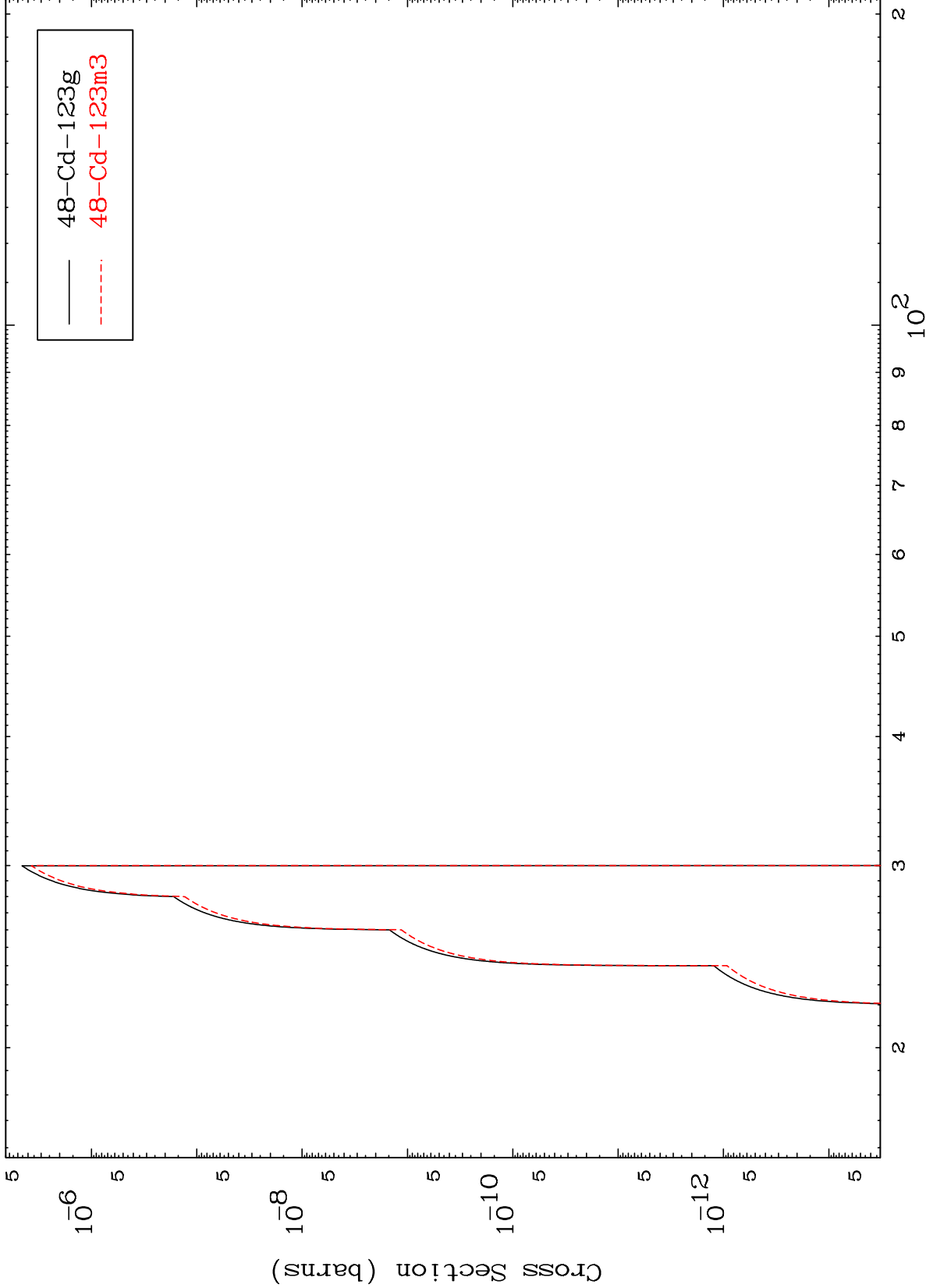
48-Cd-122

MAT 4873

($\alpha, \text{He-3}$)

48-Cd-122

Radionuclide Production Cross Section



23

Incident Energy (MeV)

48-Cd-122