

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

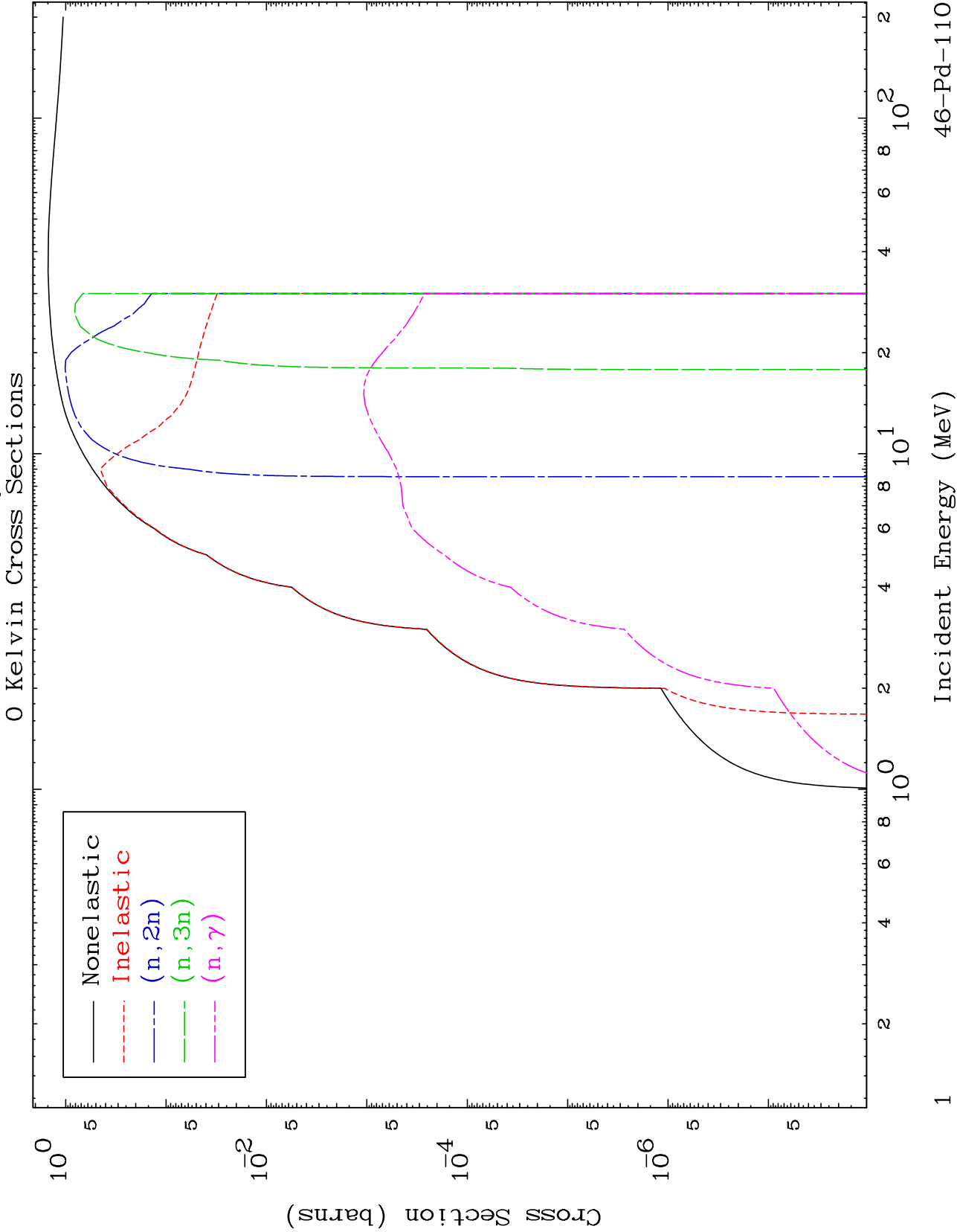
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

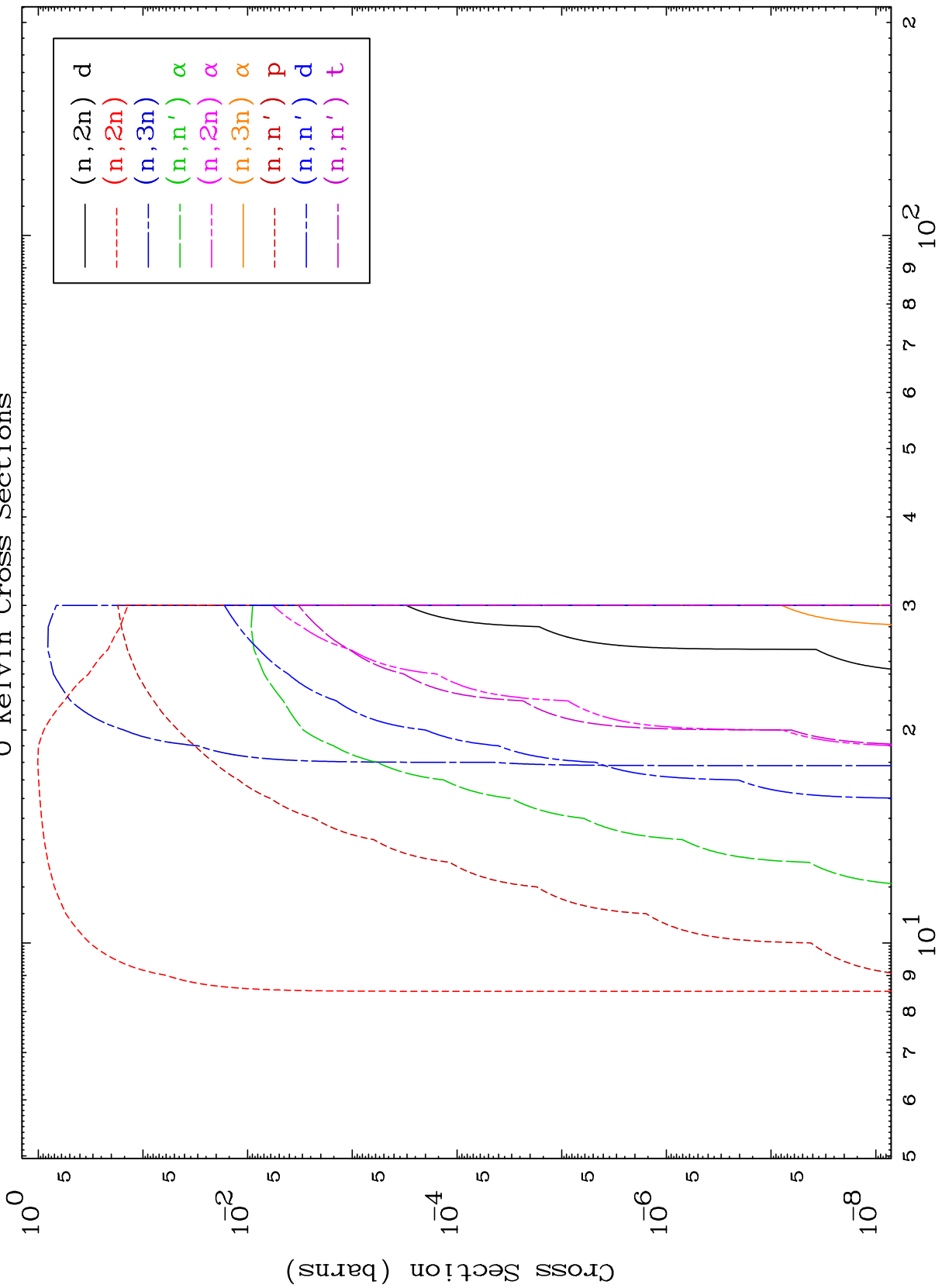
Tele: 925-443-1911

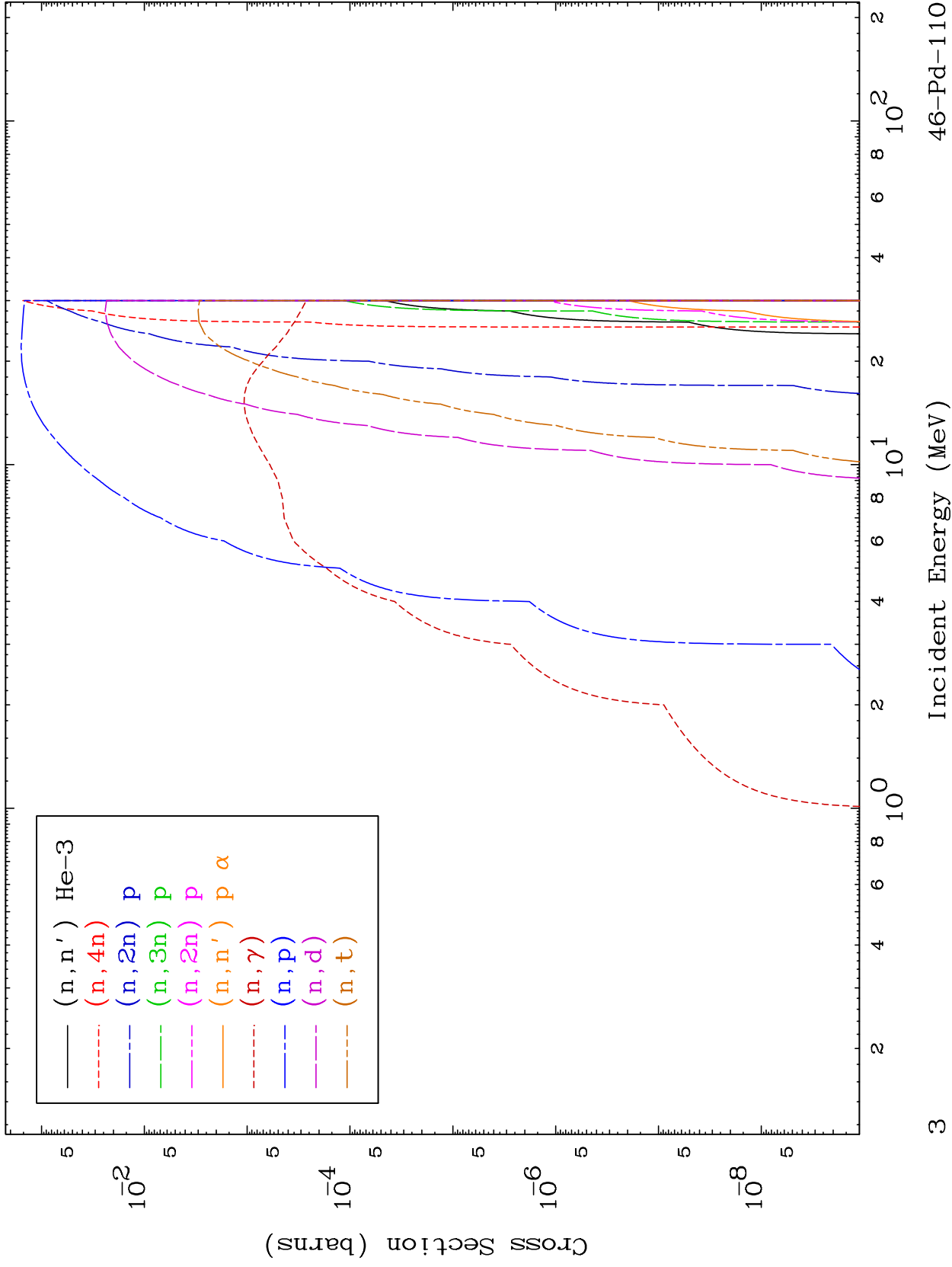
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



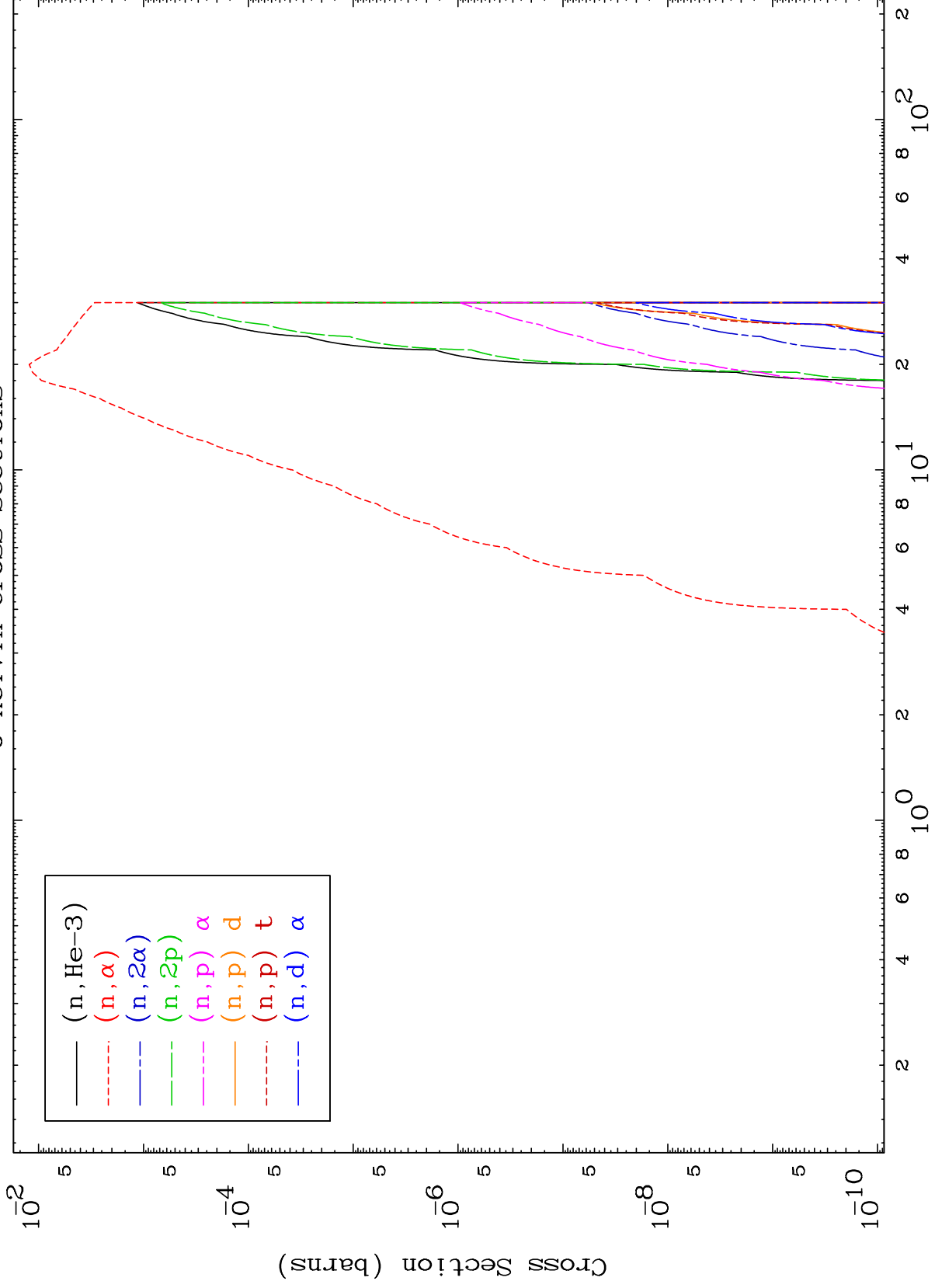




MAT 4649

Proton Neutron Absorption
0 Kelvin Cross Sections

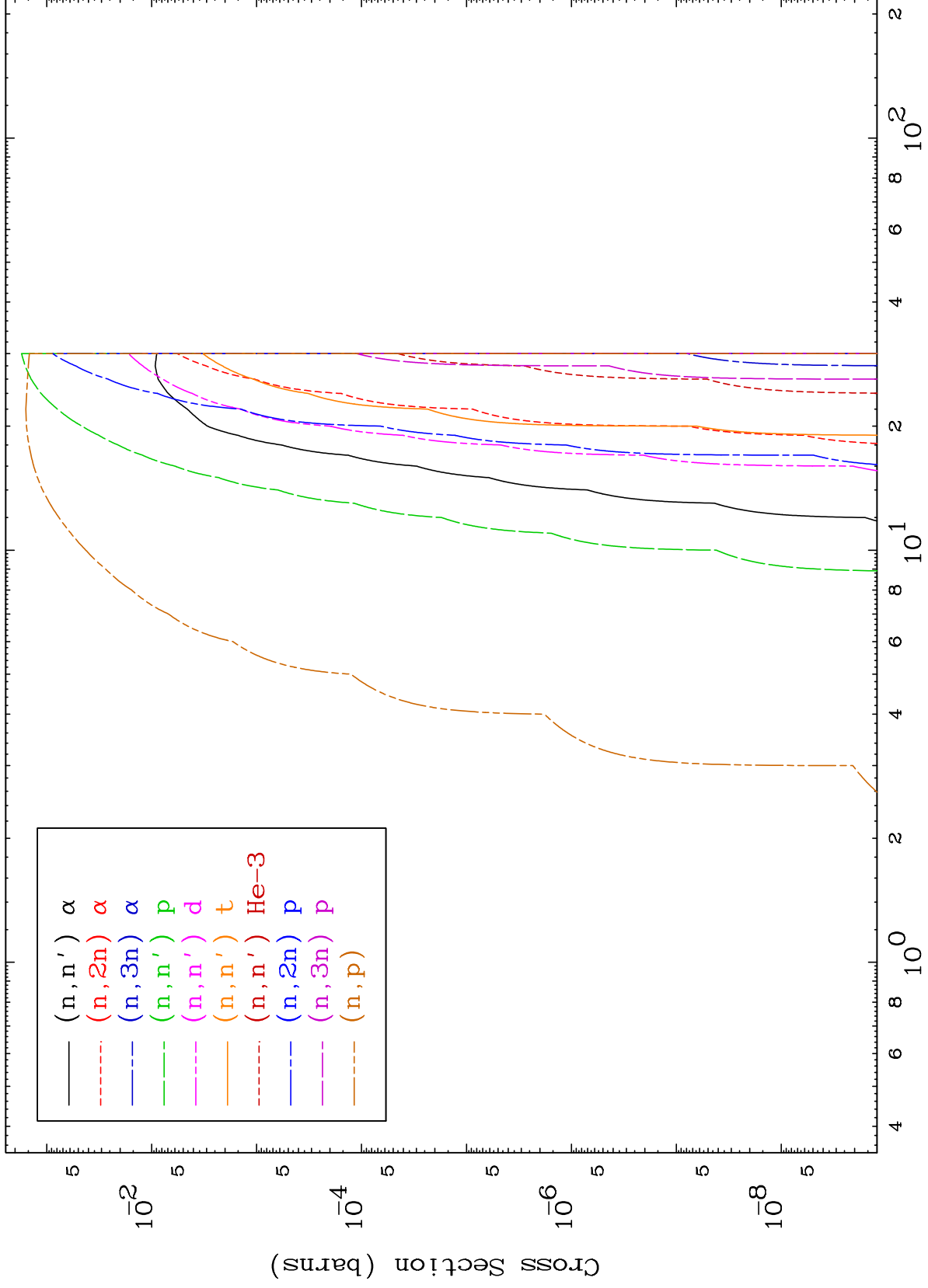
46-Pd-110



MAT 4649

Proton Charged Particle
0 Kelvin Cross Sections

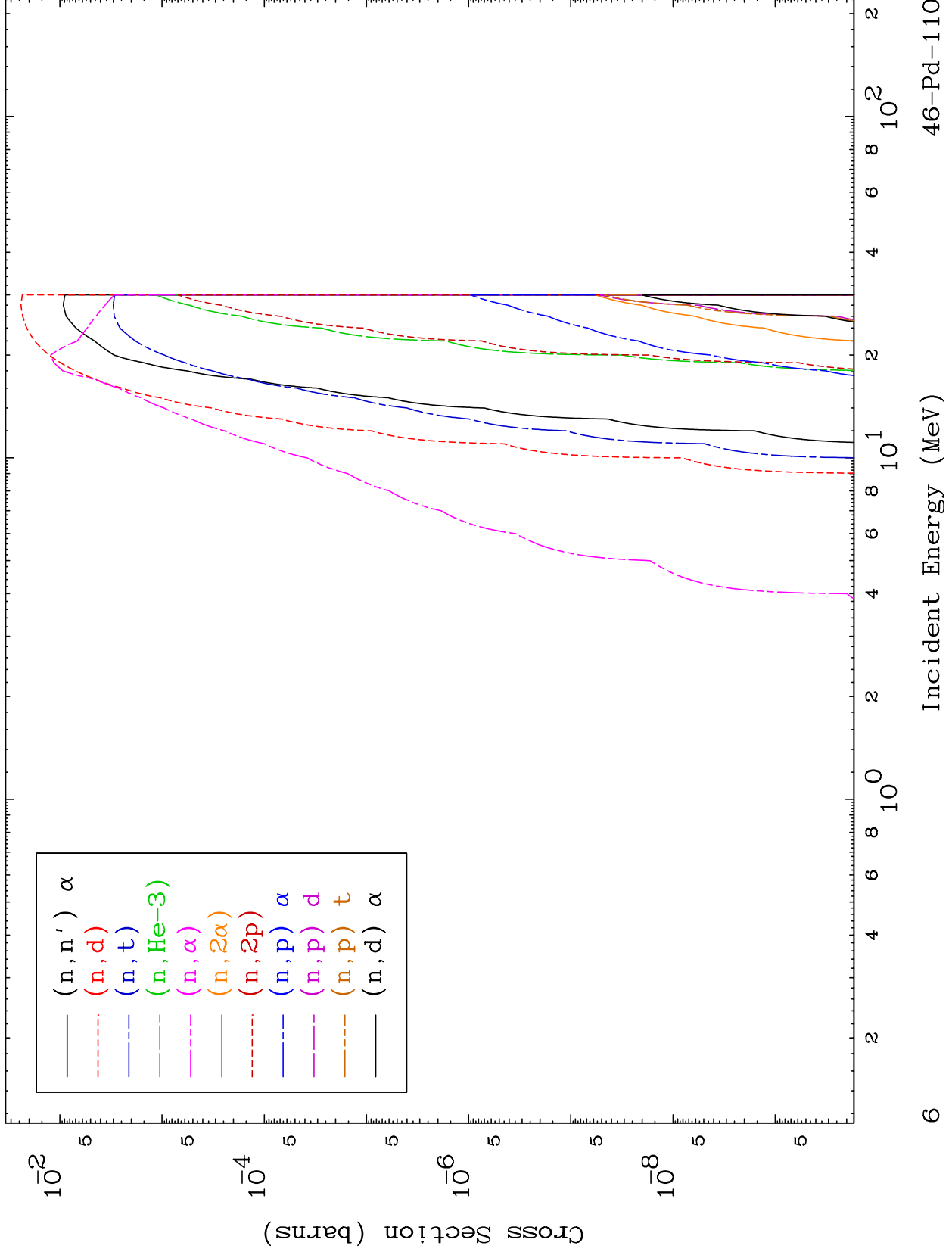
46-Pd-110



5

Incident Energy (MeV)

46-Pd-110

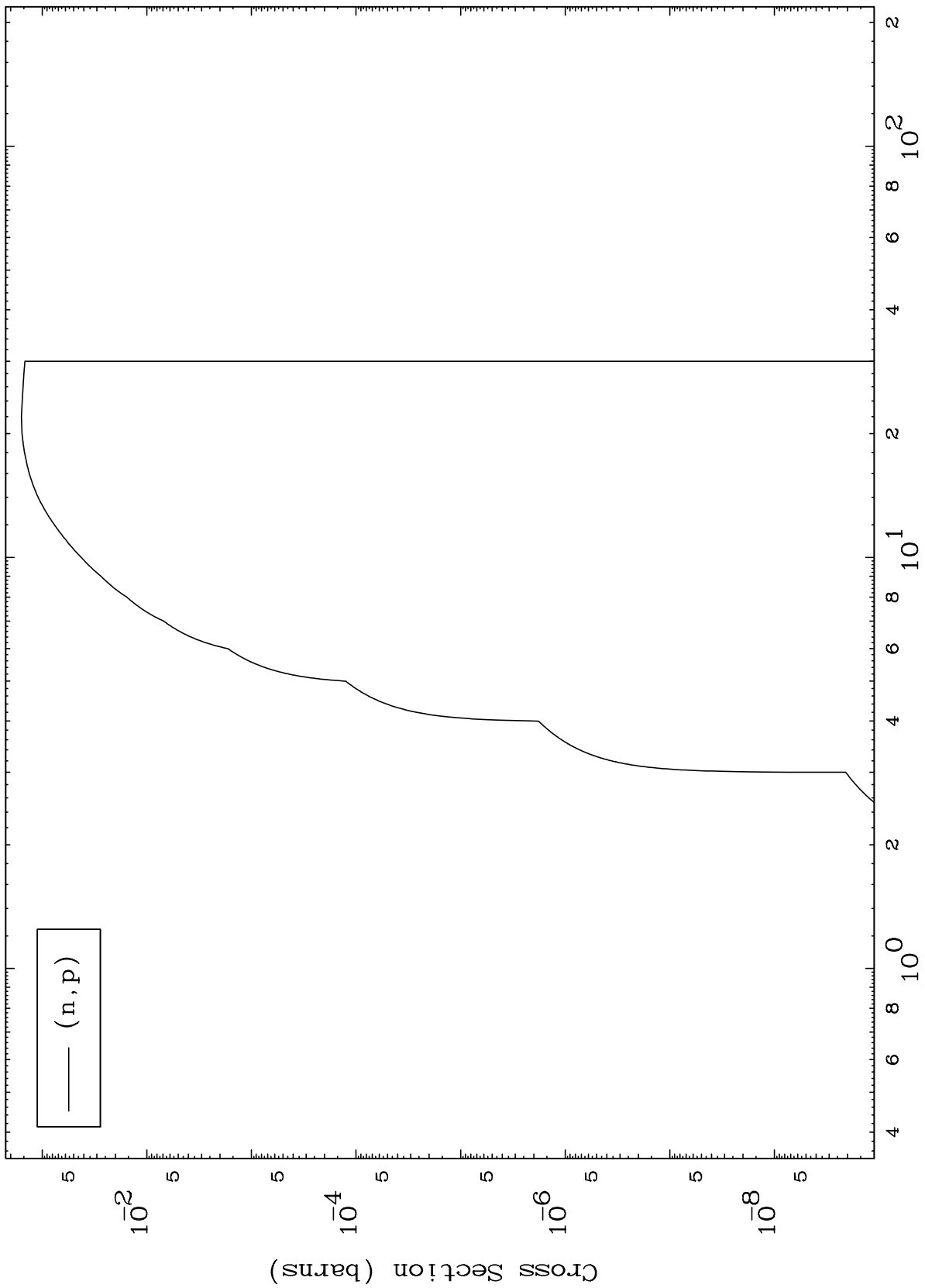


MAT 4649

(p,p) Levels

46-Pd-110

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

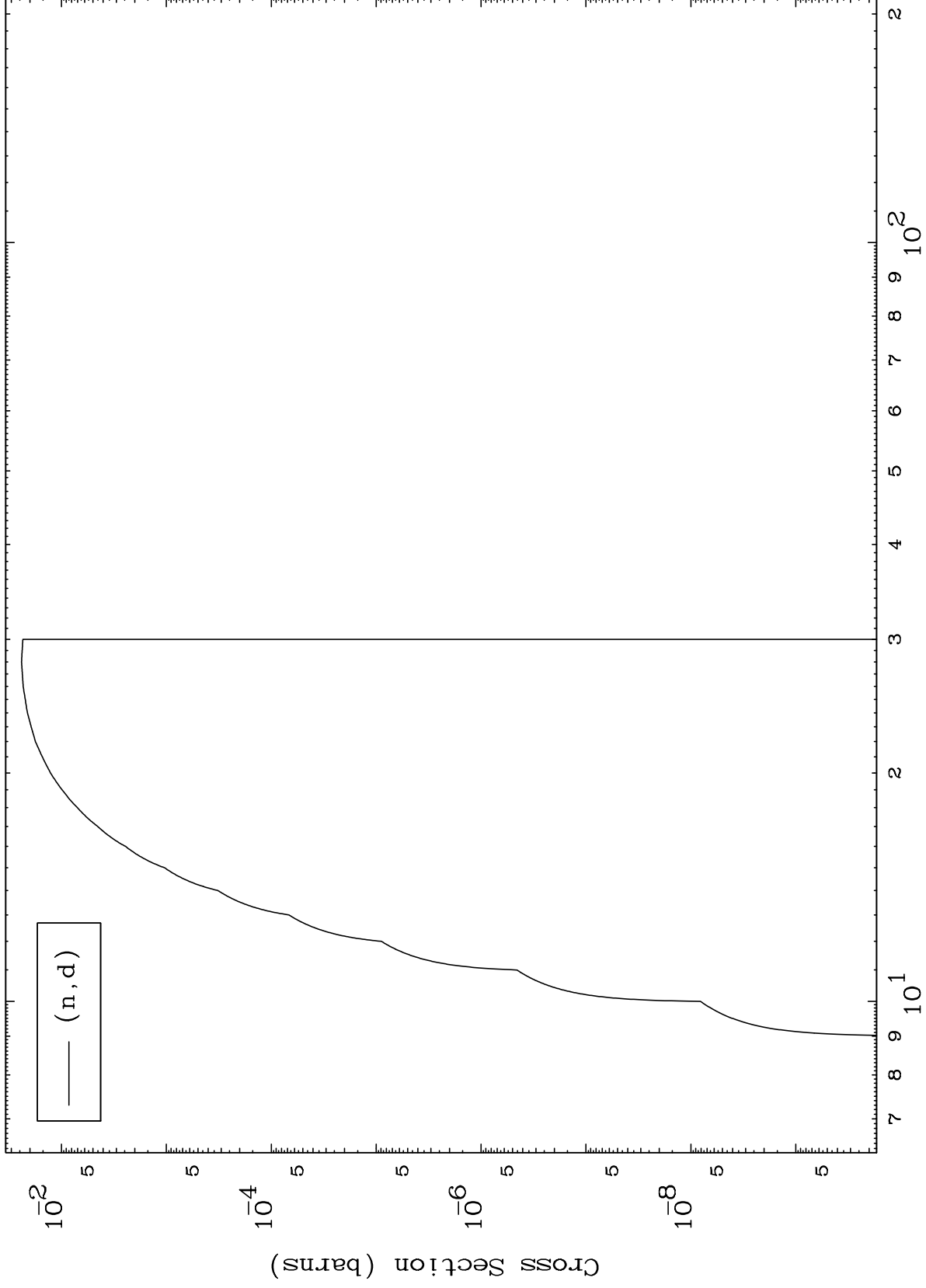
46-Pd-110

7

MAT 4649

(p,d) Levels
0 Kelvin Cross Sections

46-Pd-110



8

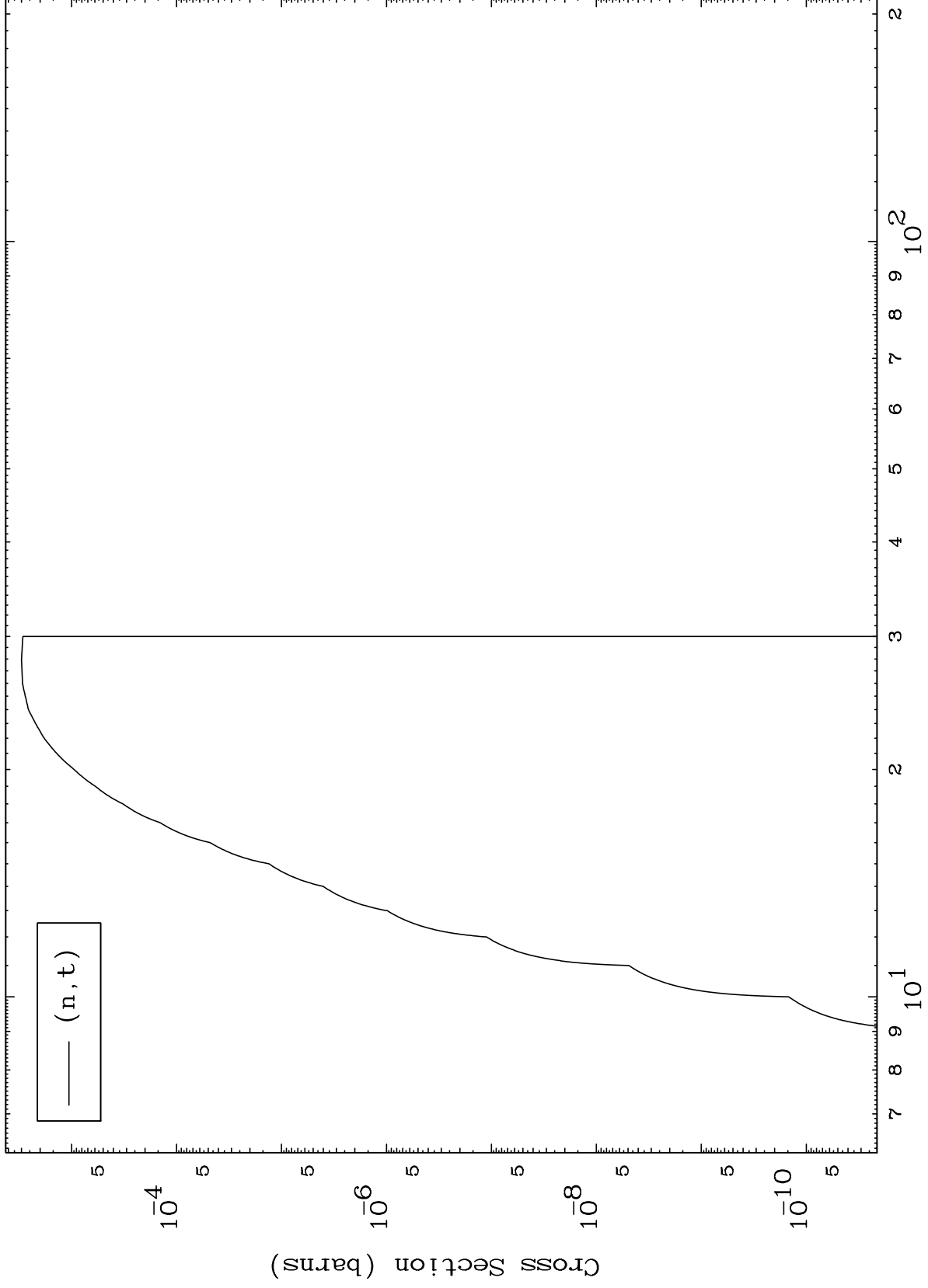
Incident Energy (MeV)

46-Pd-110

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(p,t) Levels
0 Kelvin Cross Sections

46-Pd-110



9

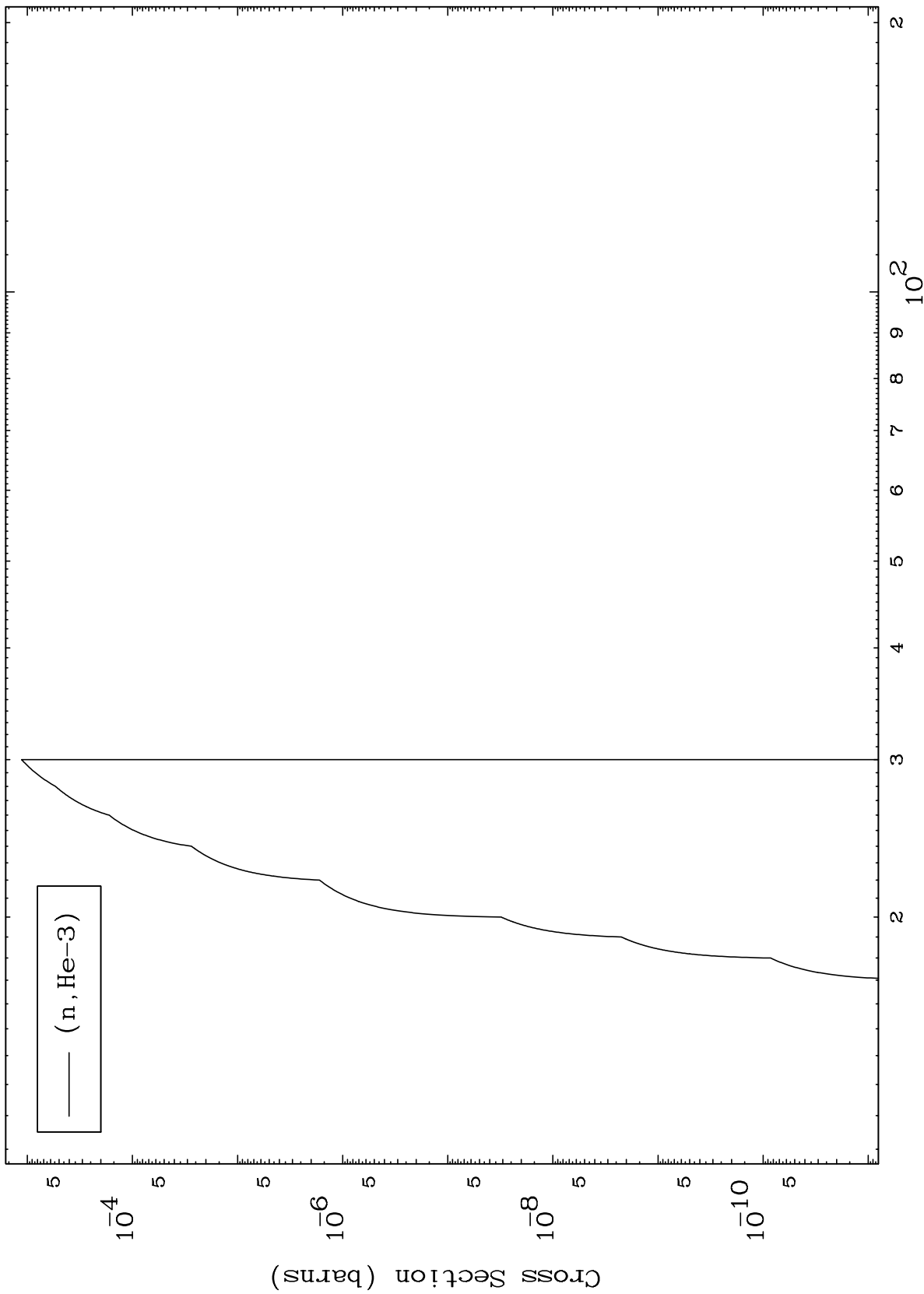
Incident Energy (MeV)

46-Pd-110

MAT 4649

(p,He3) Levels
0 Kelvin Cross Sections

46-Pd-110



10

Incident Energy (MeV)

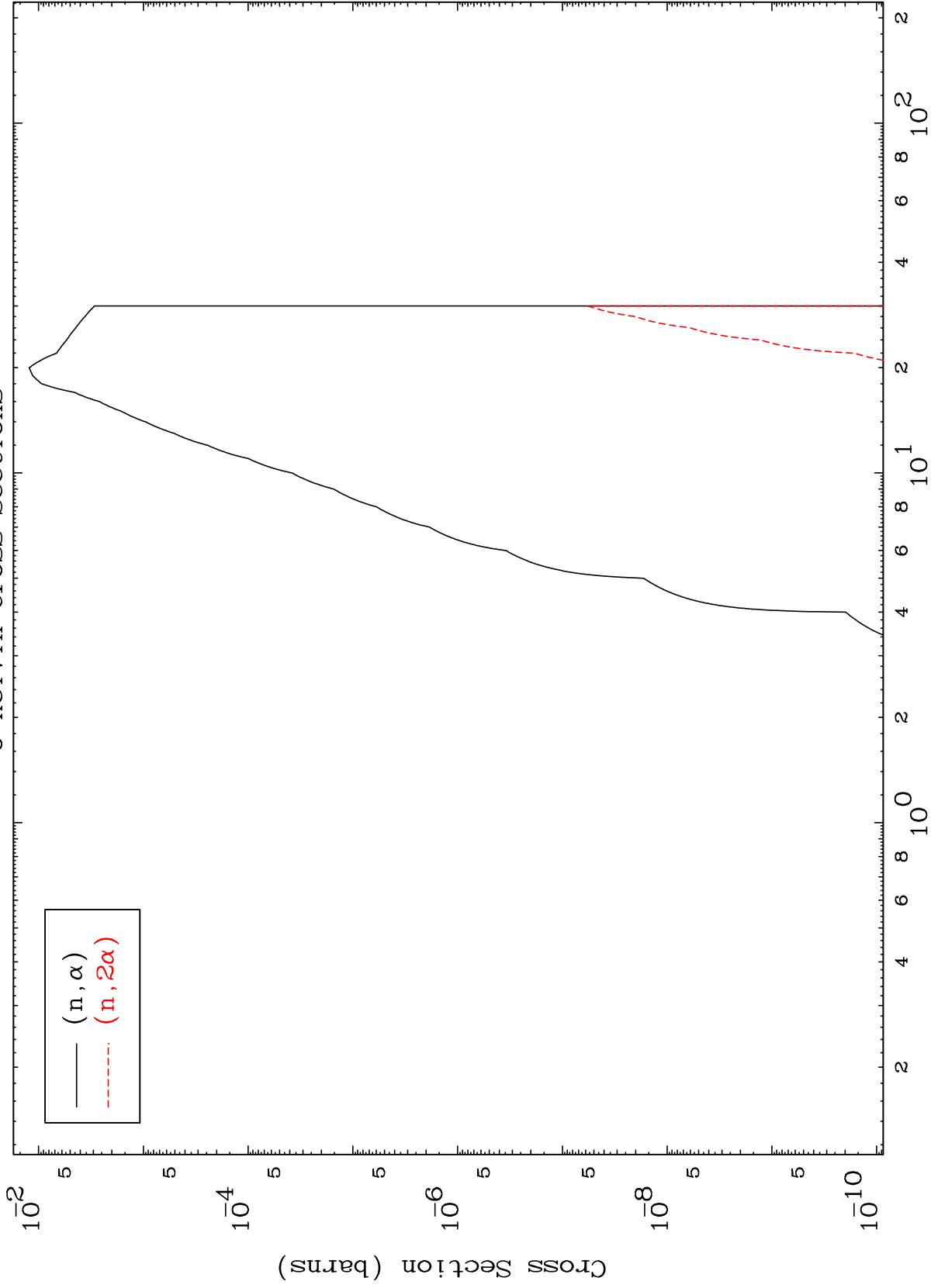
46-Pd-110

MAT 4649

(p, α) Levels

46-Pd-110

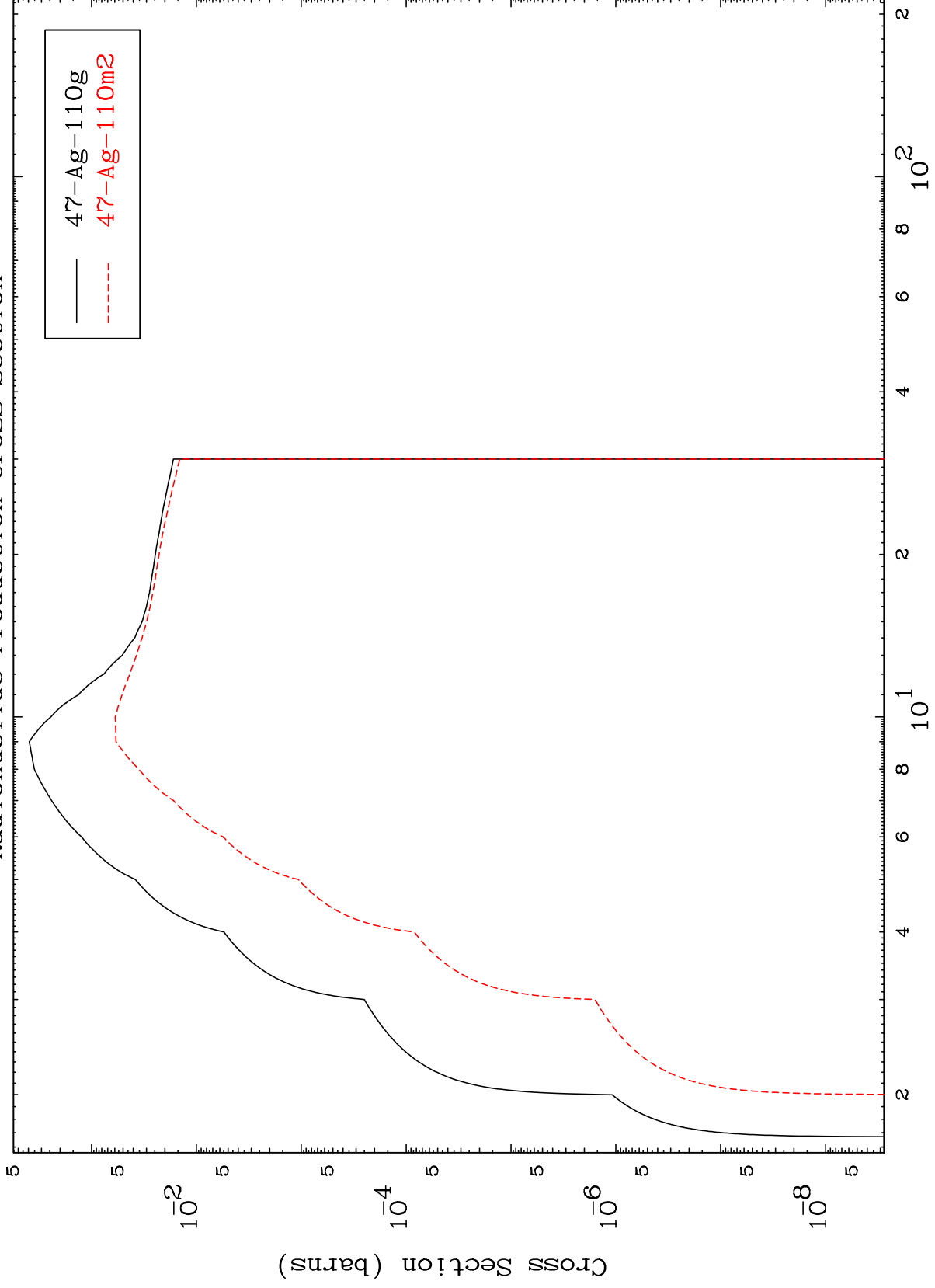
0 Kelvin Cross Sections



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Inelastic
Radionuclide Production Cross Section

46-Pd-110



12

Incident Energy (MeV)

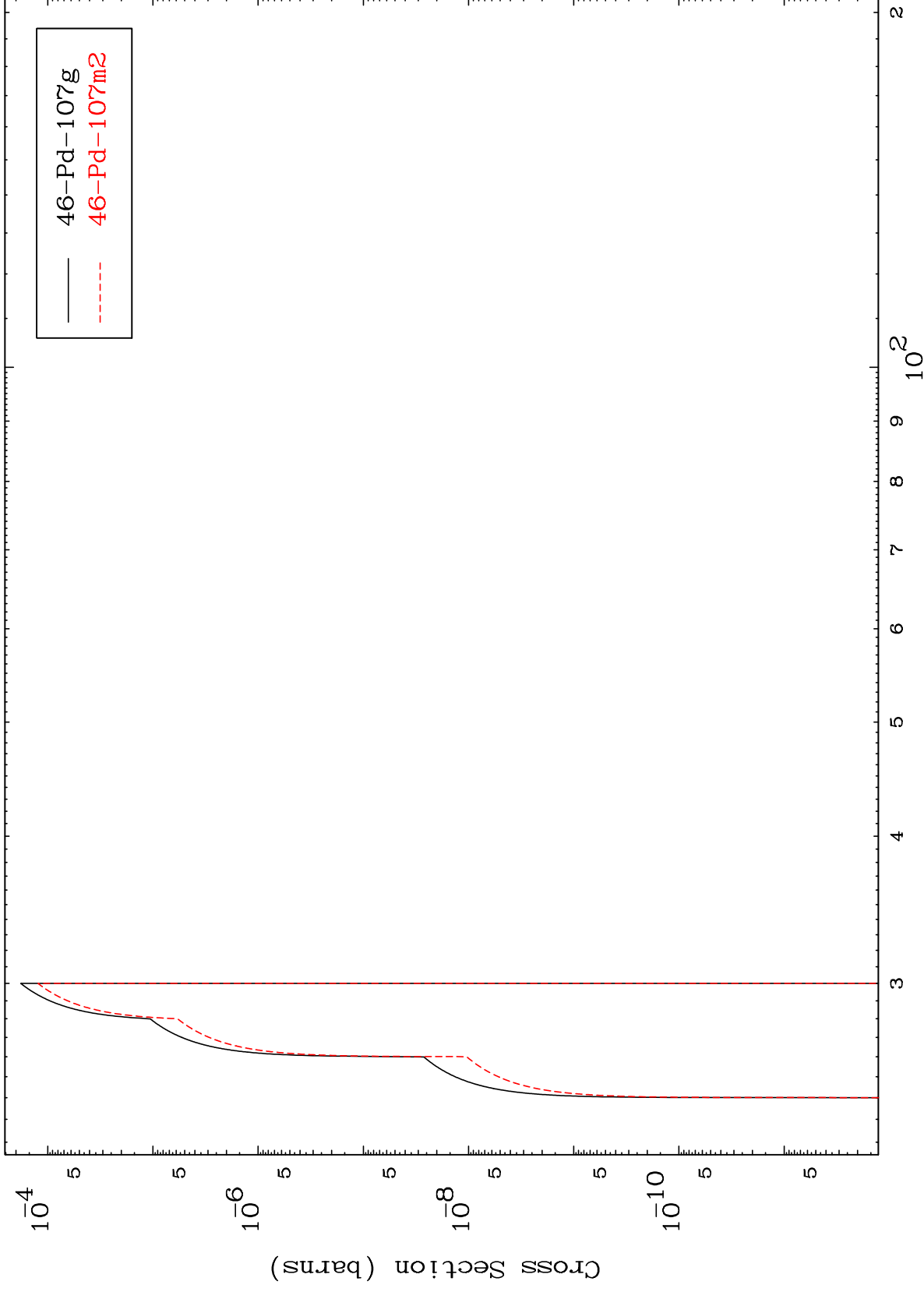
46-Pd-110

MAT 4649

(n,2n) d

46-Pd-110

Radionuclide Production Cross Section



13

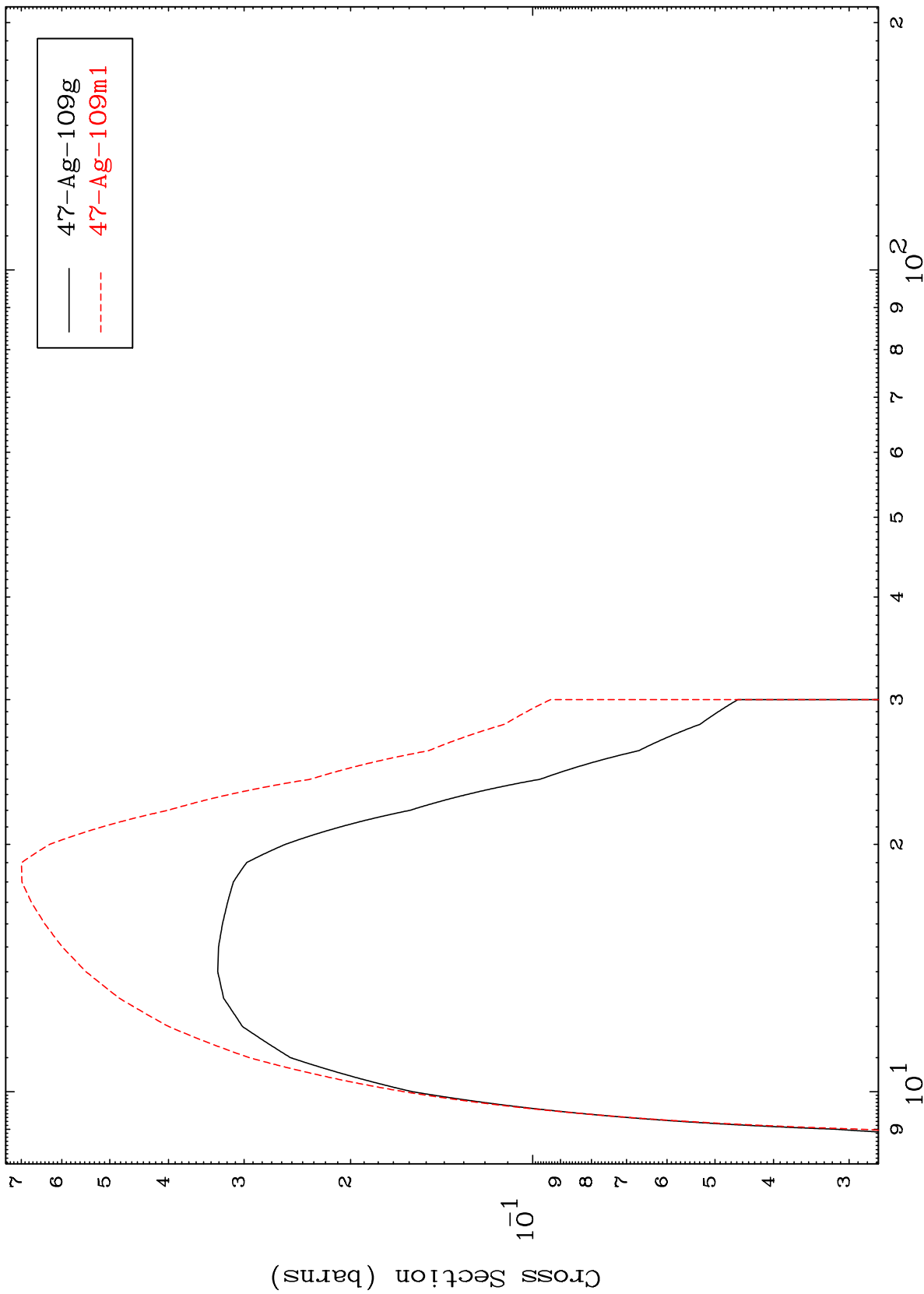
Incident Energy (MeV)

46-Pd-110

MAT 4649

46-Pd-110

(n,2n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

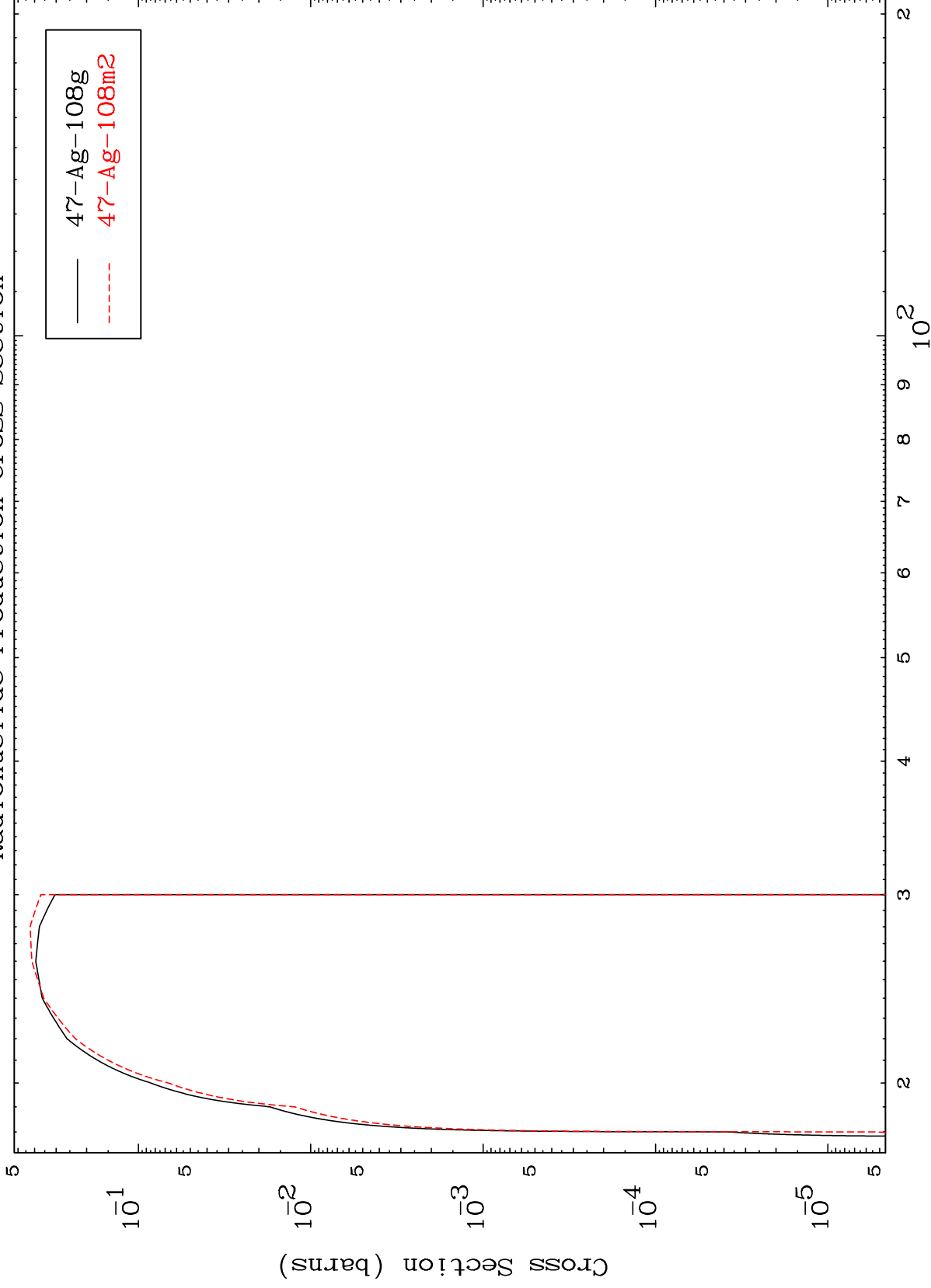
46-Pd-110

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(n,3n)

46-Pd-110

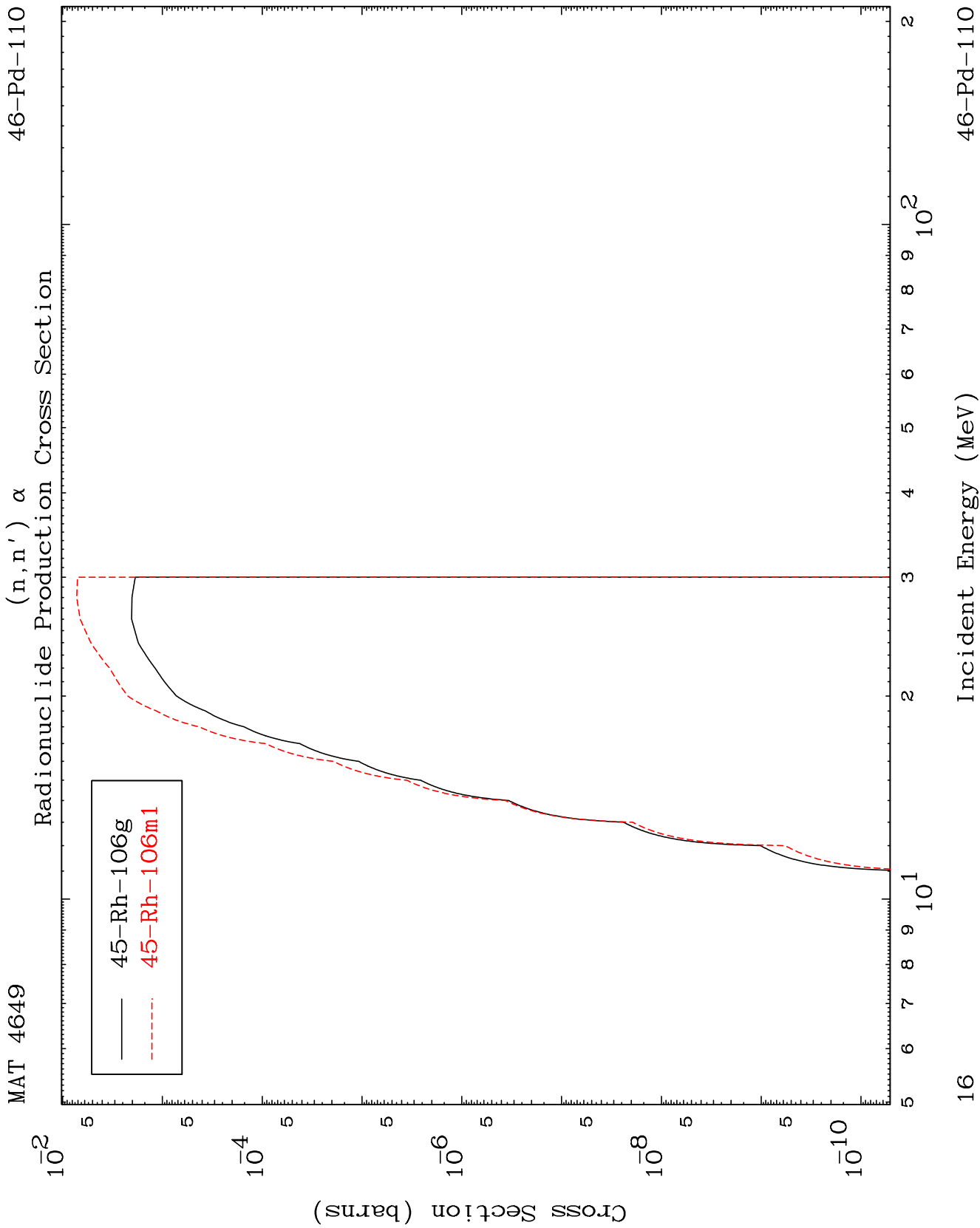
Radionuclide Production Cross Section



15

Incident Energy (MeV)

46-Pd-110

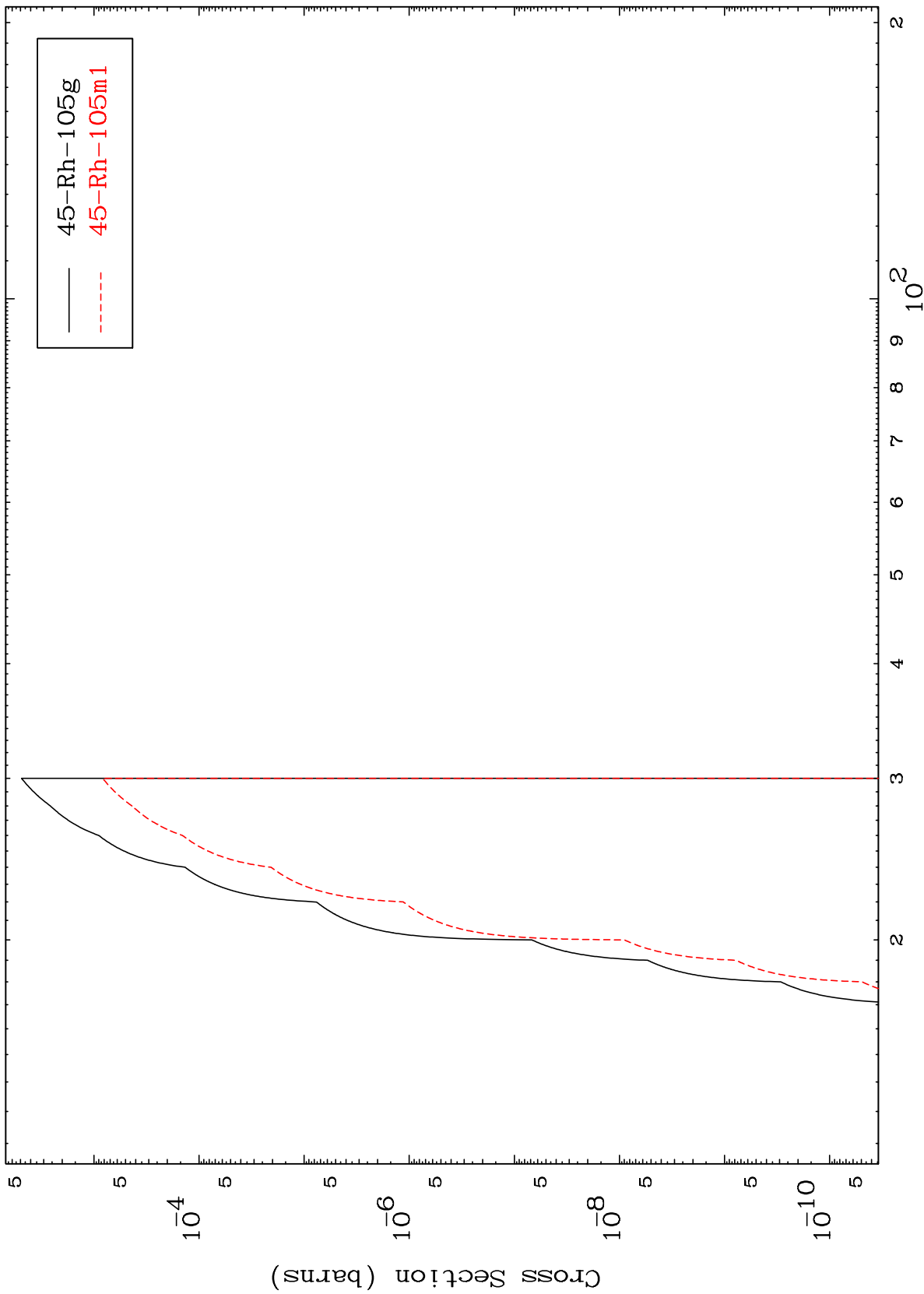


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(n,2n) α

46-Pd-110

Radionuclide Production Cross Section



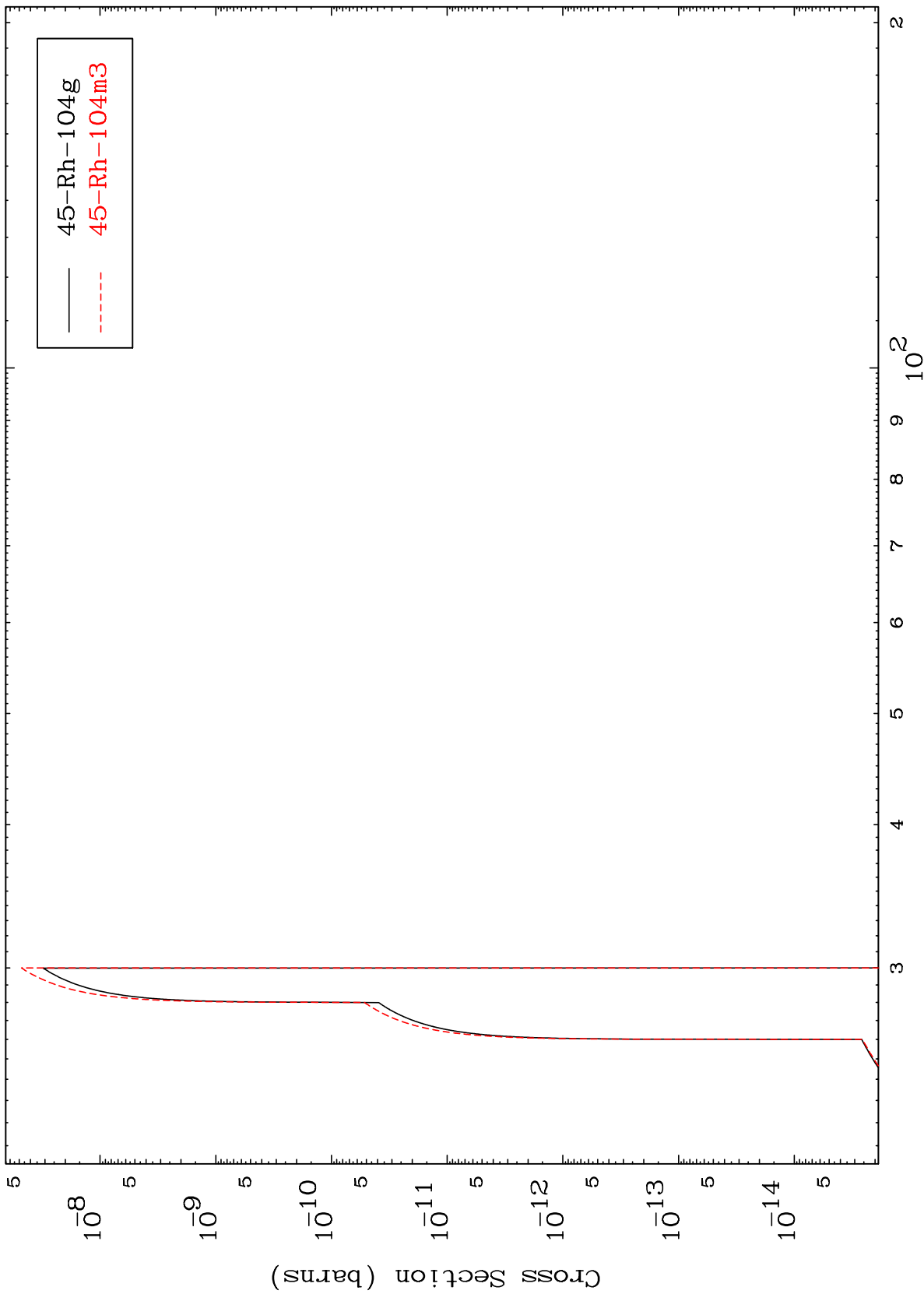
45-Rh-105g
45-Rh-105m1

MAT 4649

(n,3n) α

46-Pd-110

Radionuclide Production Cross Section



45-Rh-104g
45-Rh-104m3

18

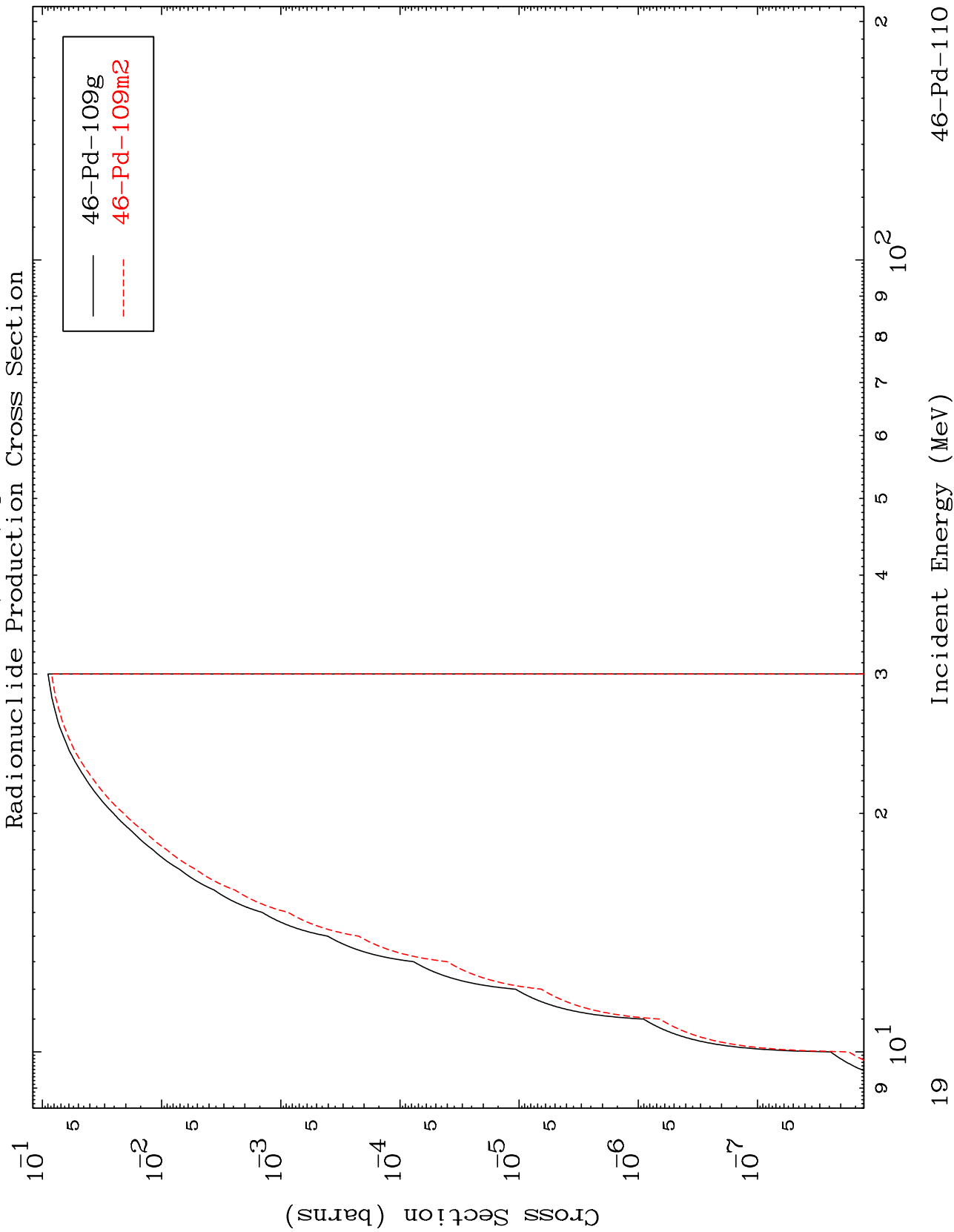
Incident Energy (MeV)

46-Pd-110

MAT 4649

(n,n') p

46-Pd-110

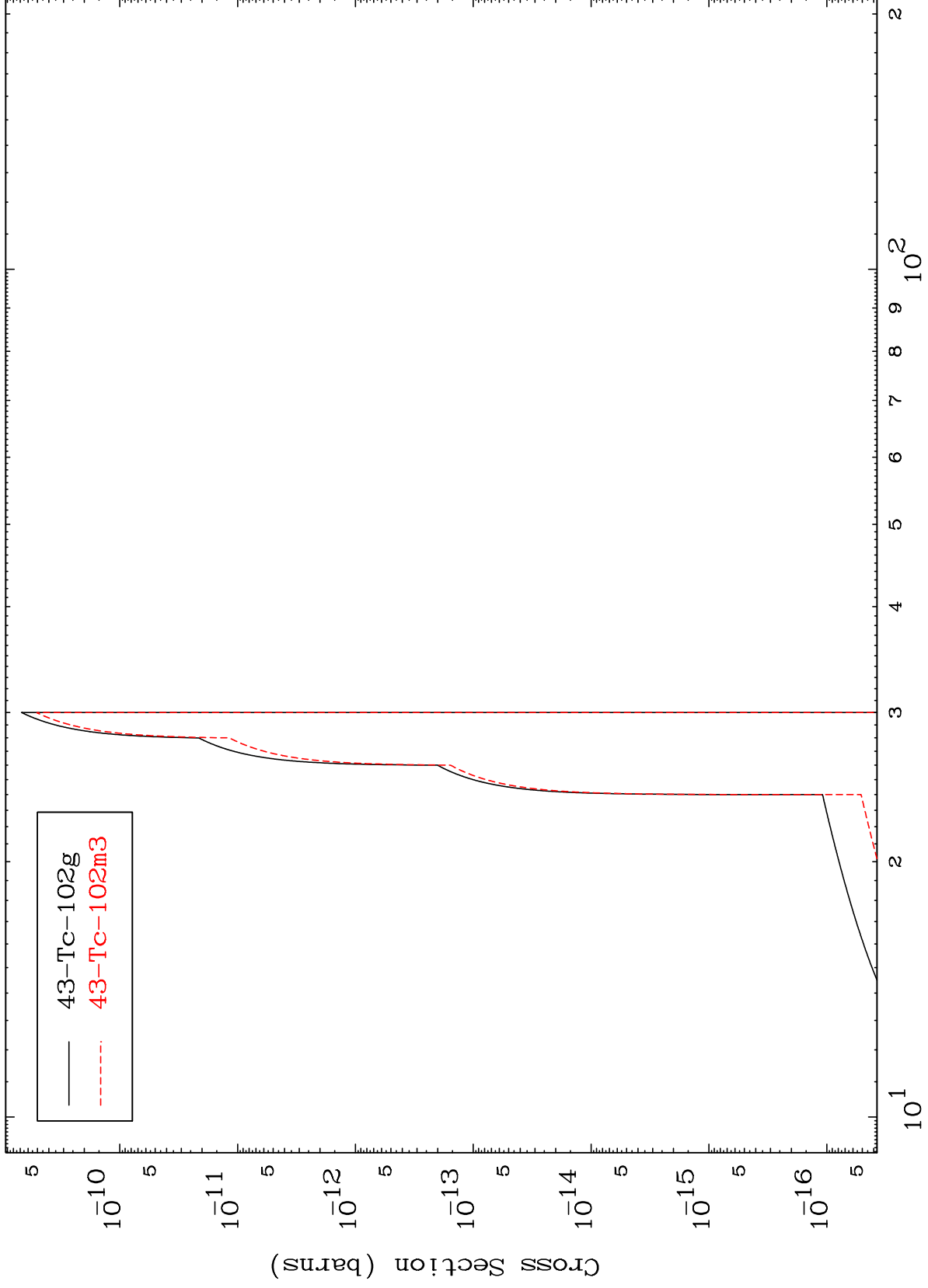


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(n,n') 2α

46-Pd-110

Radionuclide Production Cross Section



— 43-Tc-102g
- - - 43-Tc-102m3

20

Incident Energy (MeV)

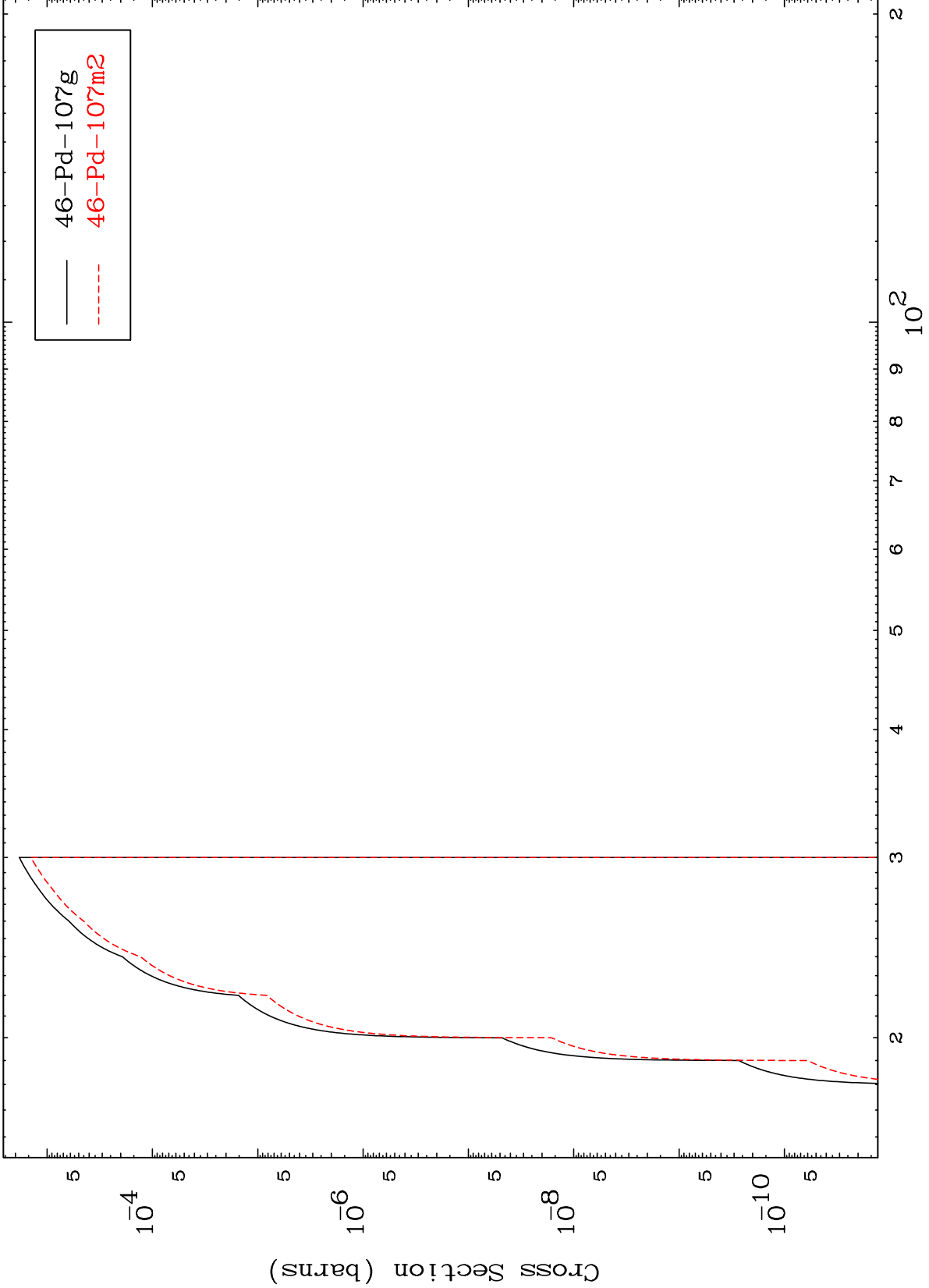
46-Pd-110

MAT 4649

(n,n') t

46-Pd-110

Radionuclide Production Cross Section

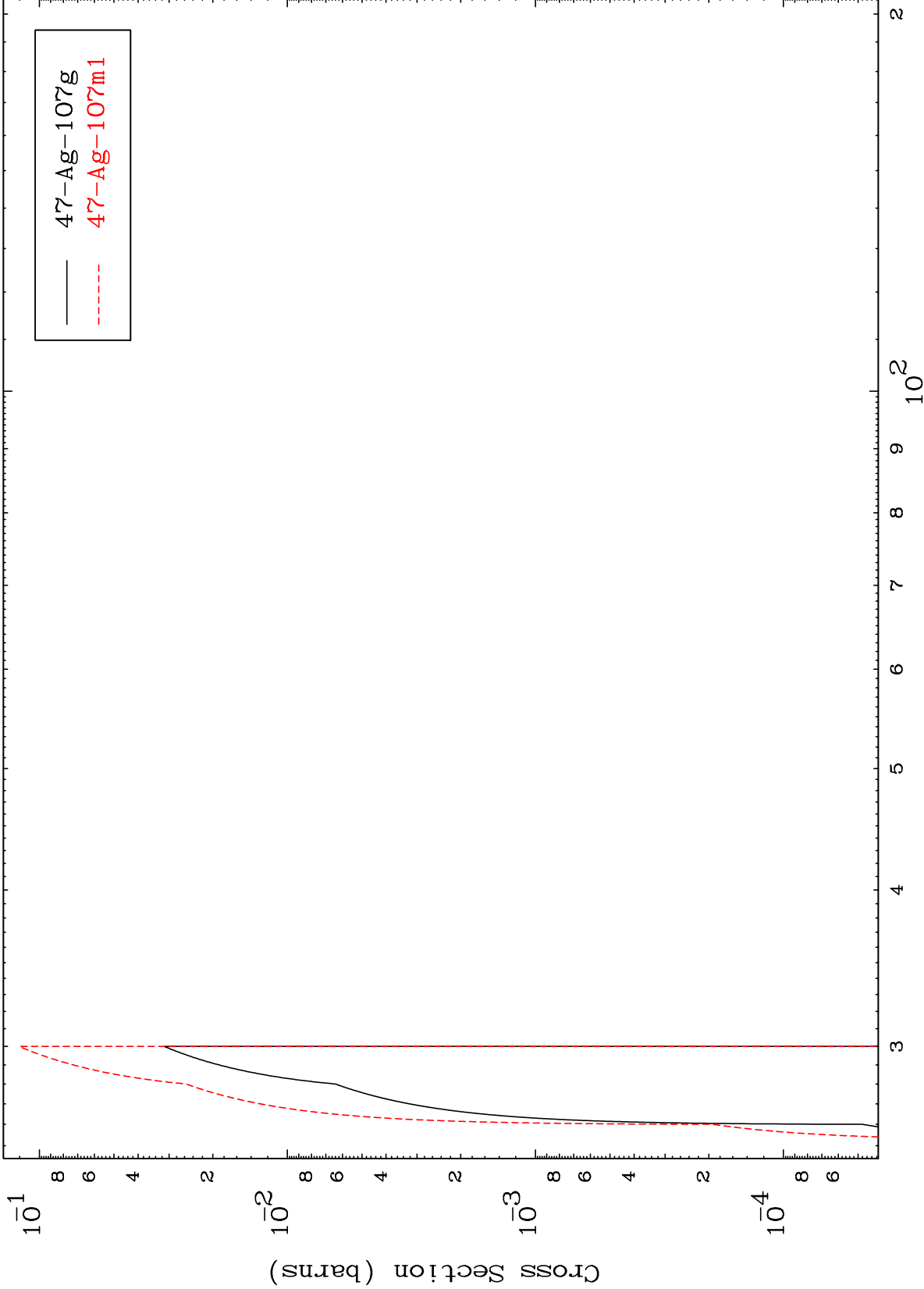


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(n,4n)

46-Pd-110

Radionuclide Production Cross Section



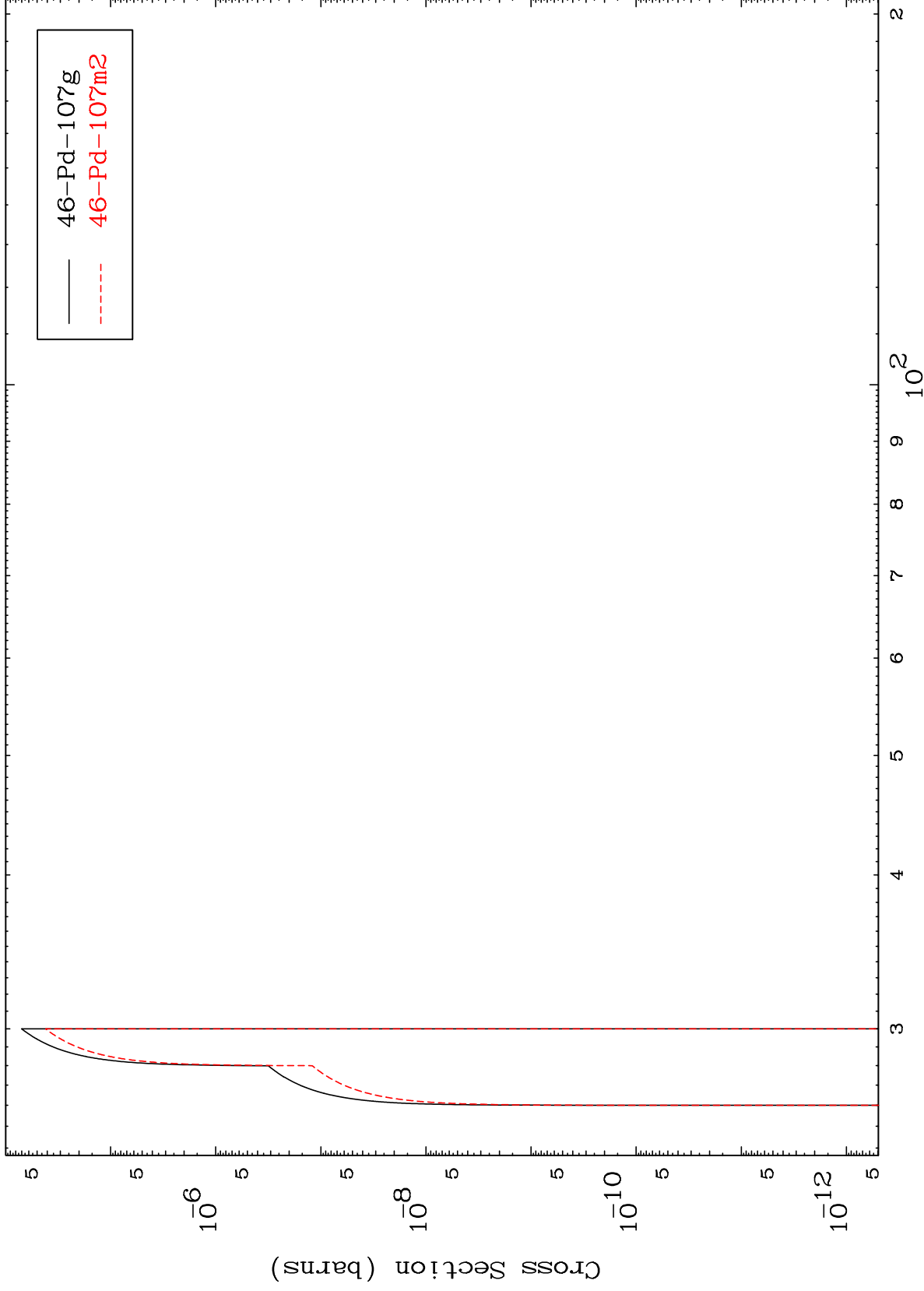
47-Ag-107g
47-Ag-107m1

MAT 4649

(n,3n) p

46-Pd-110

Radionuclide Production Cross Section



23

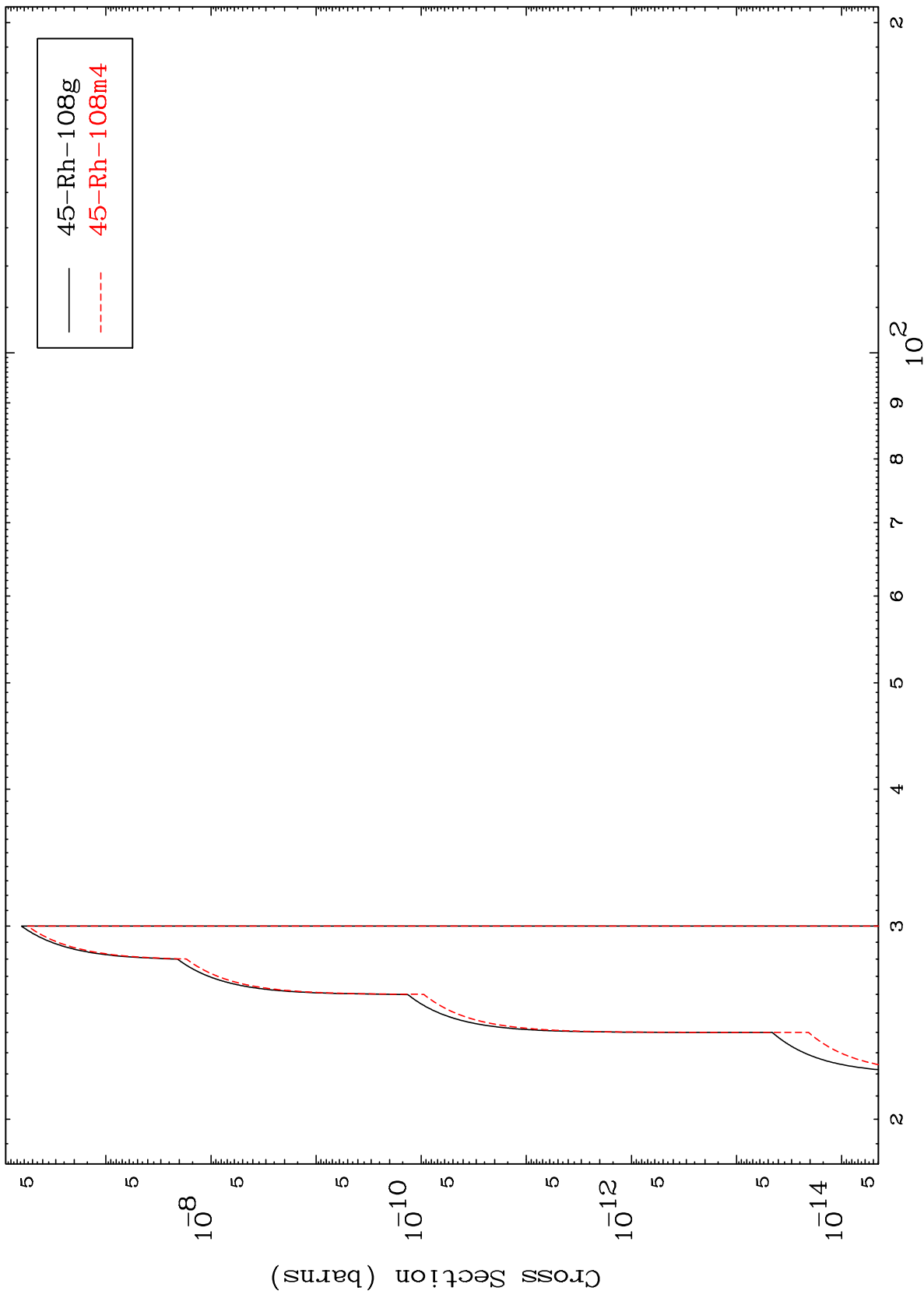
Incident Energy (MeV)

46-Pd-110

MAT 4649

46-Pd-110

(n,2n) p
Radionuclide Production Cross Section



24

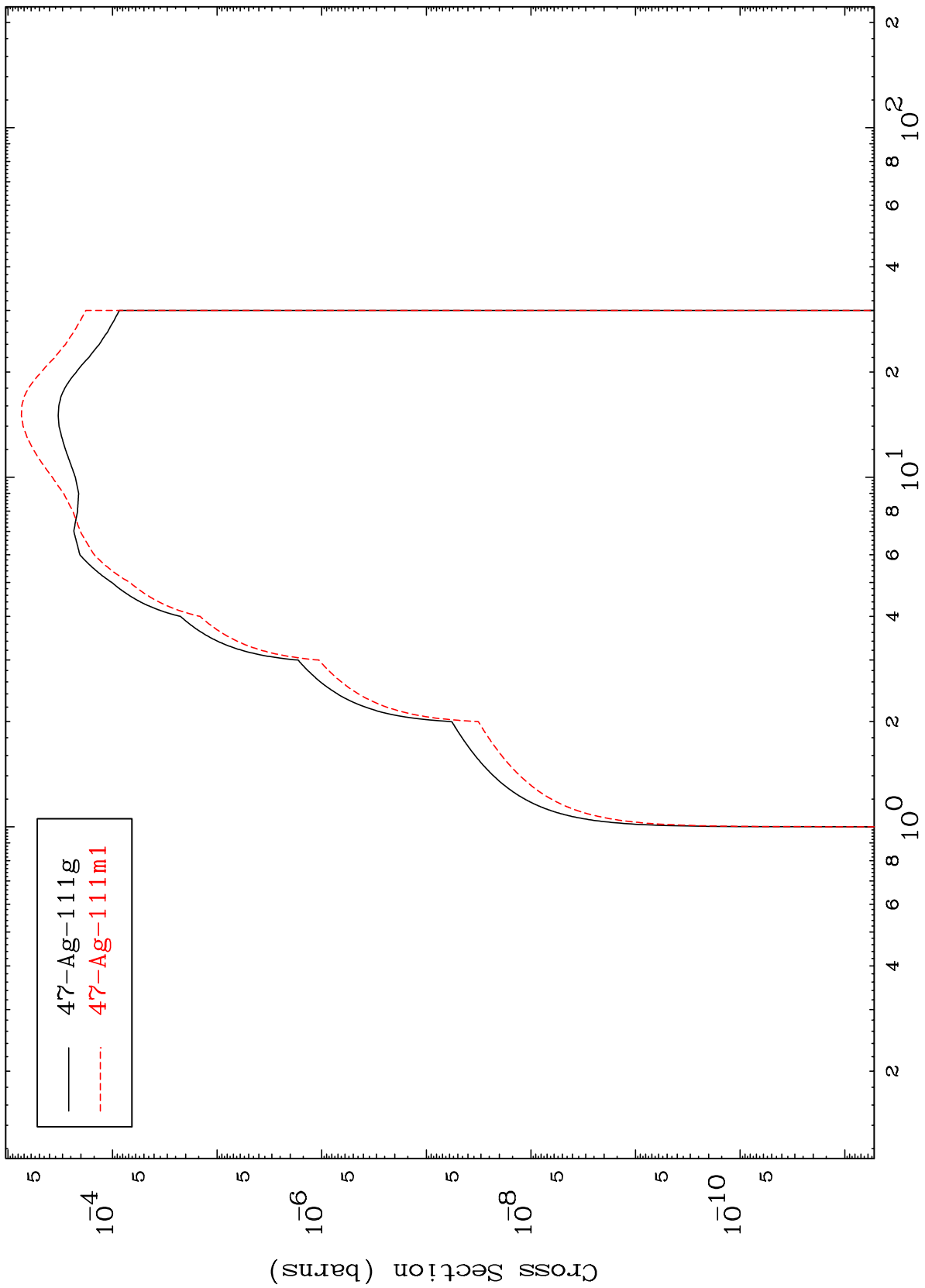
46-Pd-110

Incident Energy (MeV)

MAT 4649

46-Pd-110

(n, γ)
Radionuclide Production Cross Section

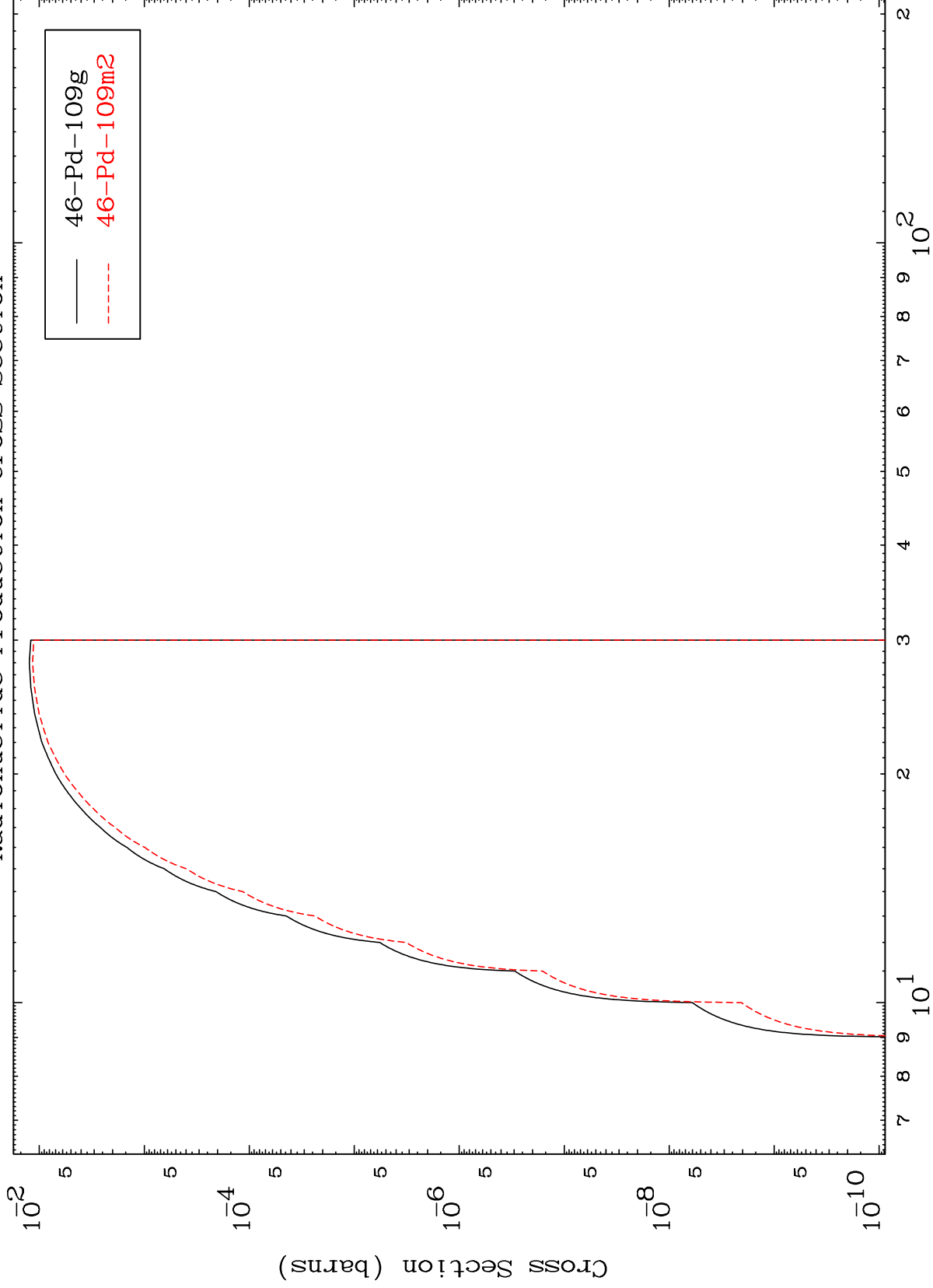


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(n,d)

46-Pd-110

Radionuclide Production Cross Section



26

Incident Energy (MeV)

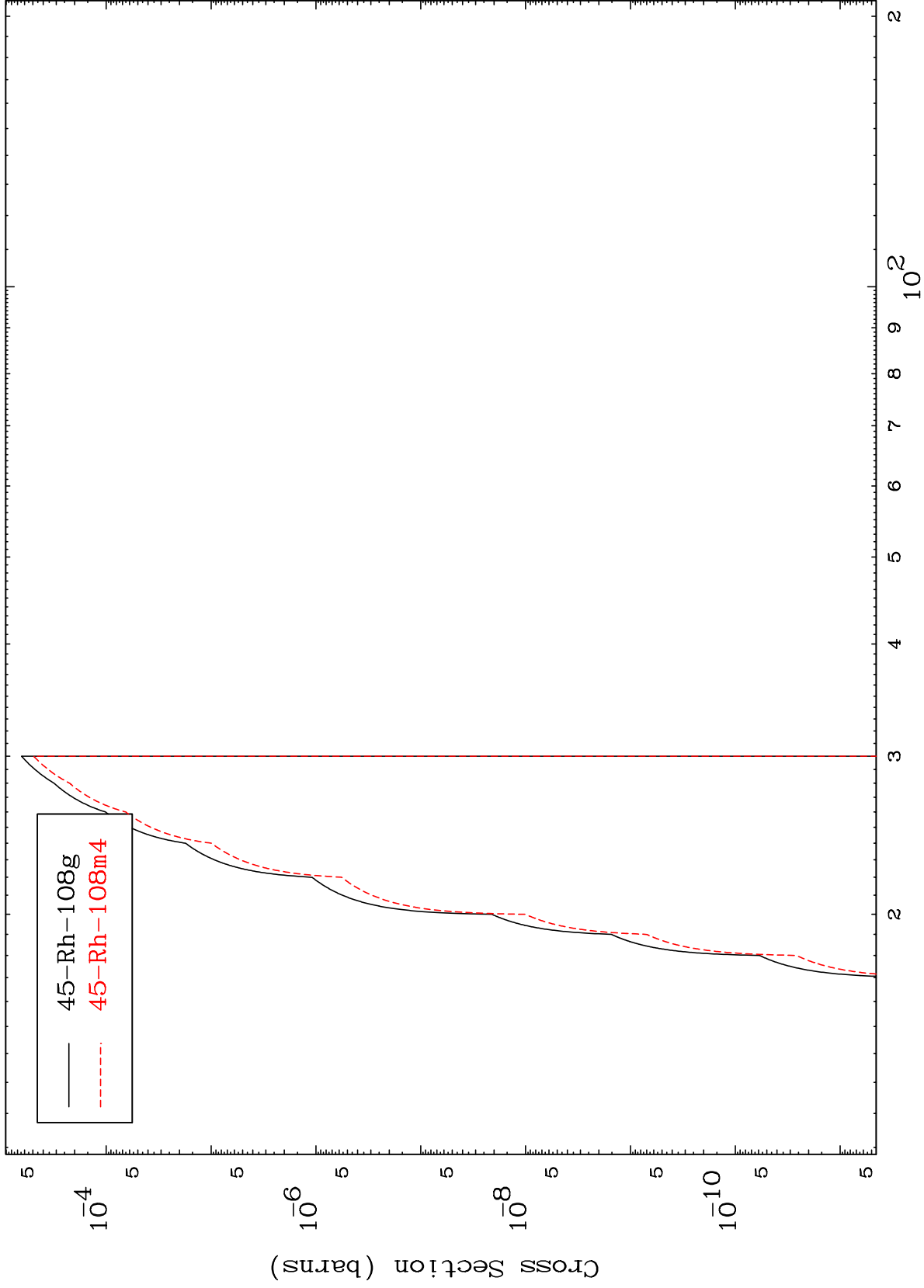
46-Pd-110

MAT 4649

(n,He-3)

46-Pd-110

Radionuclide Production Cross Section



27

Incident Energy (MeV)

46-Pd-110

Radionuclide Production Cross Section

