

Program EVALPLOT
(Version 2021-1)

by

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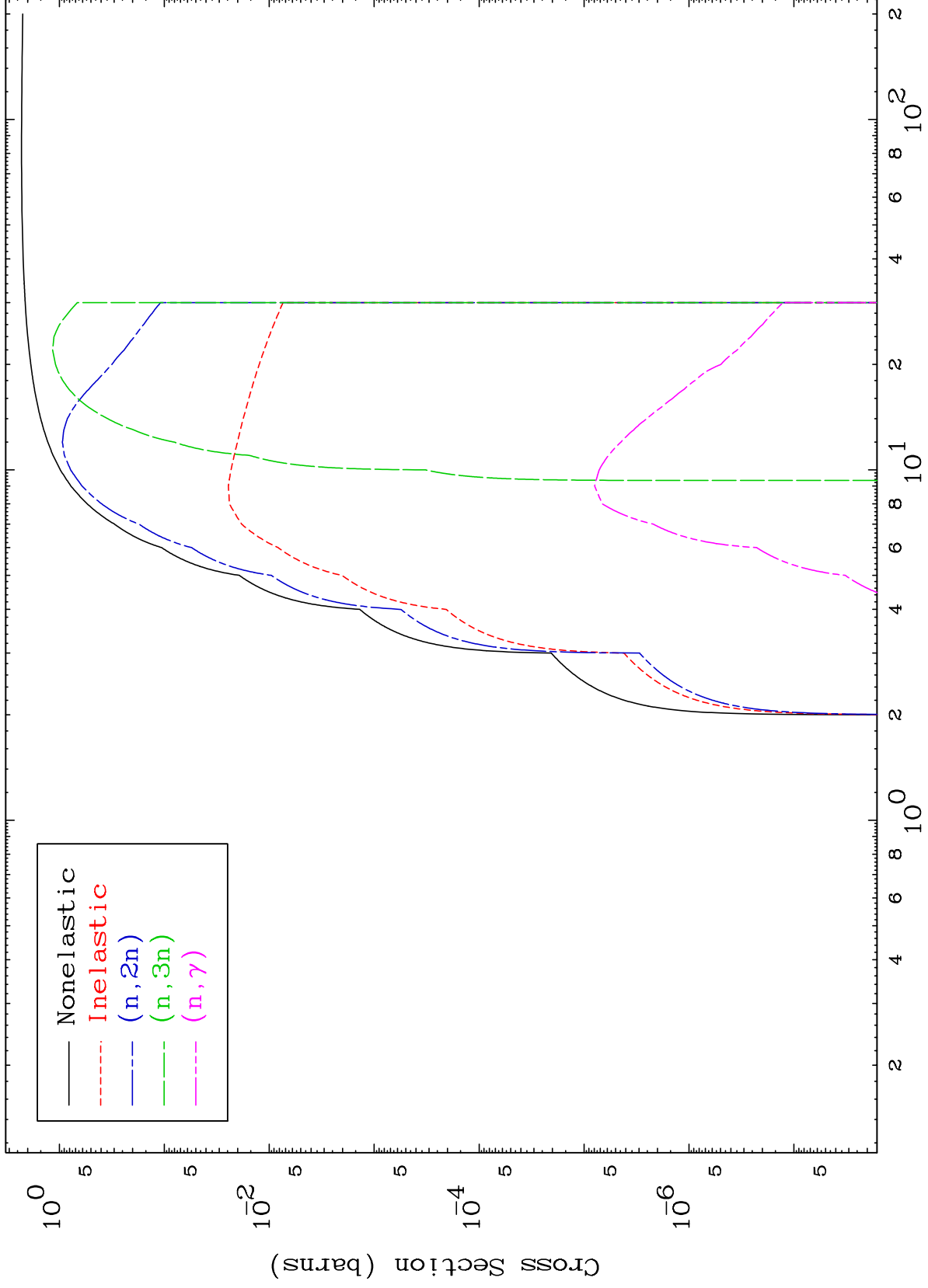
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4935

Deuteron Major
0 Kelvin Cross Sections

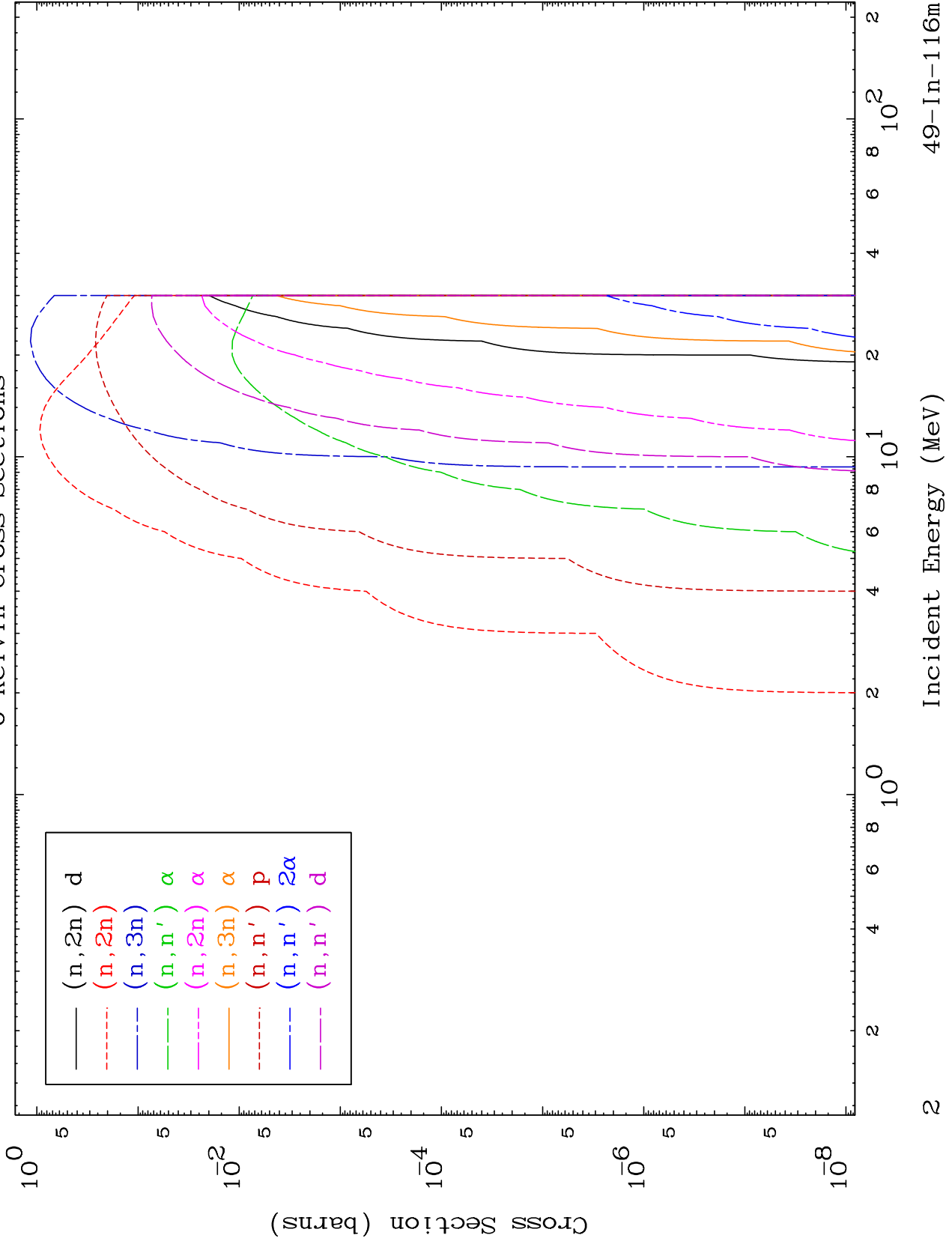
49-In-116m



MAT 4935

Deuteron Neutron Absorption
0 Kelvin Cross Sections

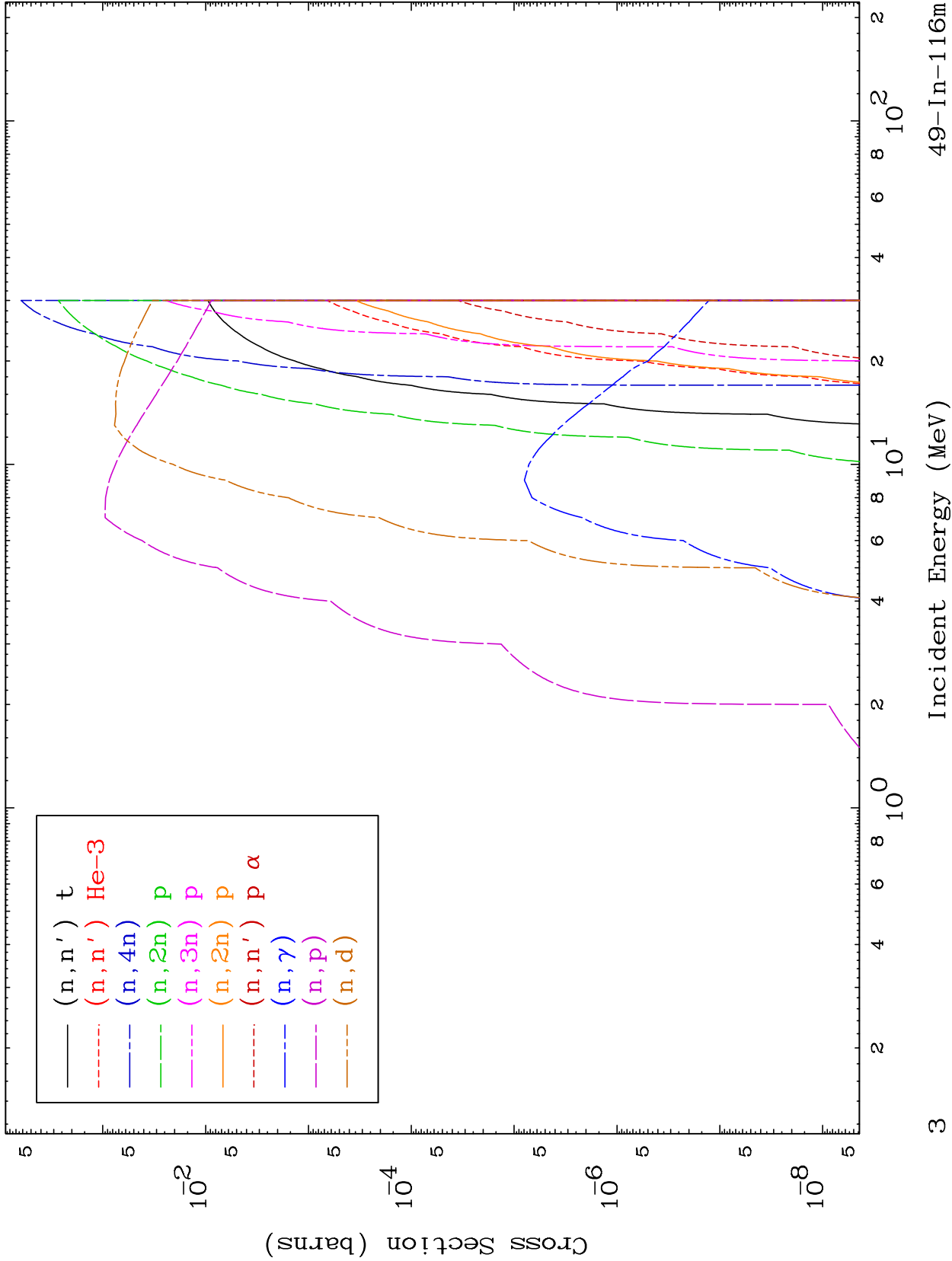
49-In-116m



MAT 4935

Deuteron Neutron Absorption
0 Kelvin Cross Sections

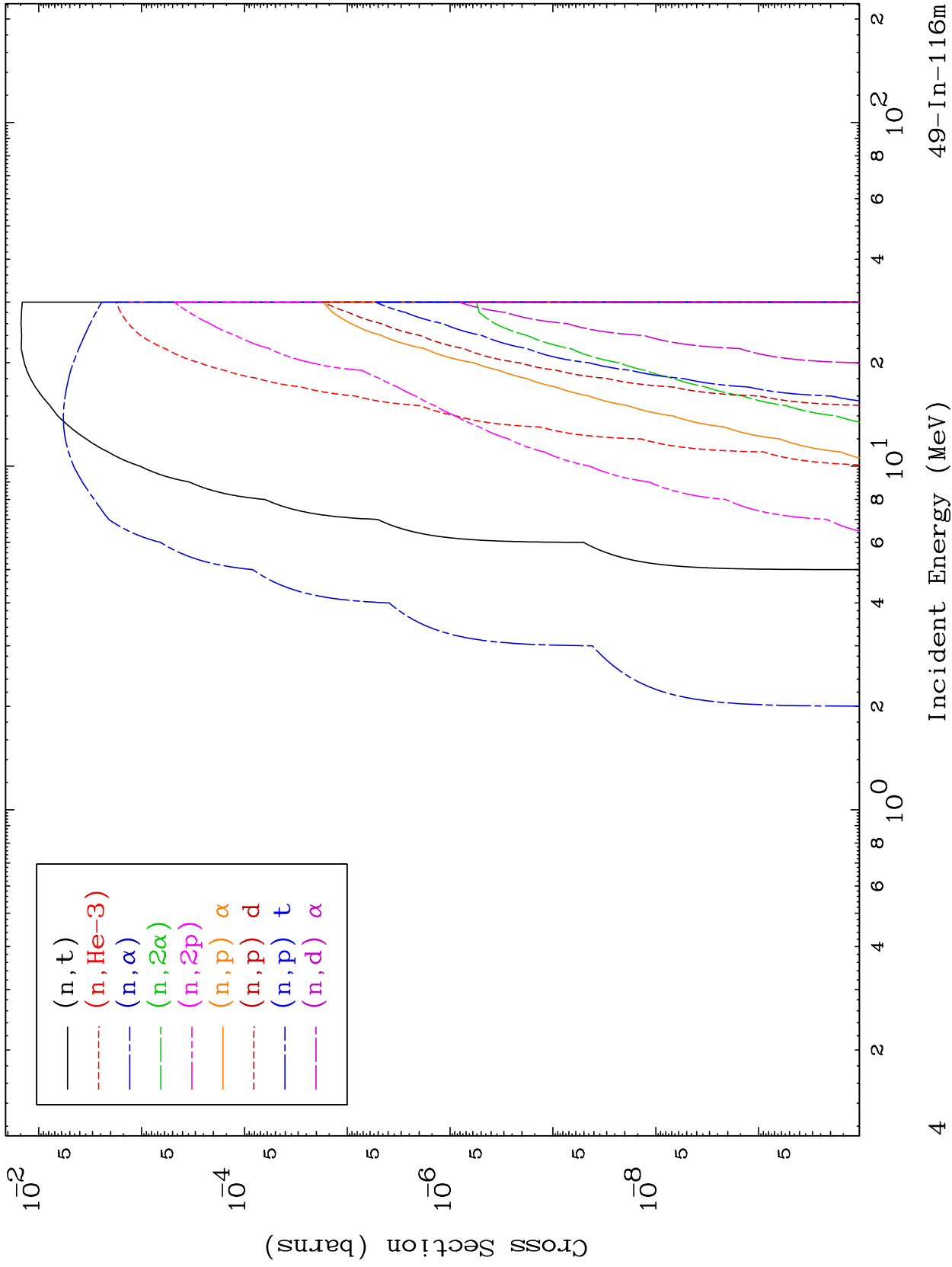
49-In-116m



MAT 4935

Deuteron Neutron Absorption
0 Kelvin Cross Sections

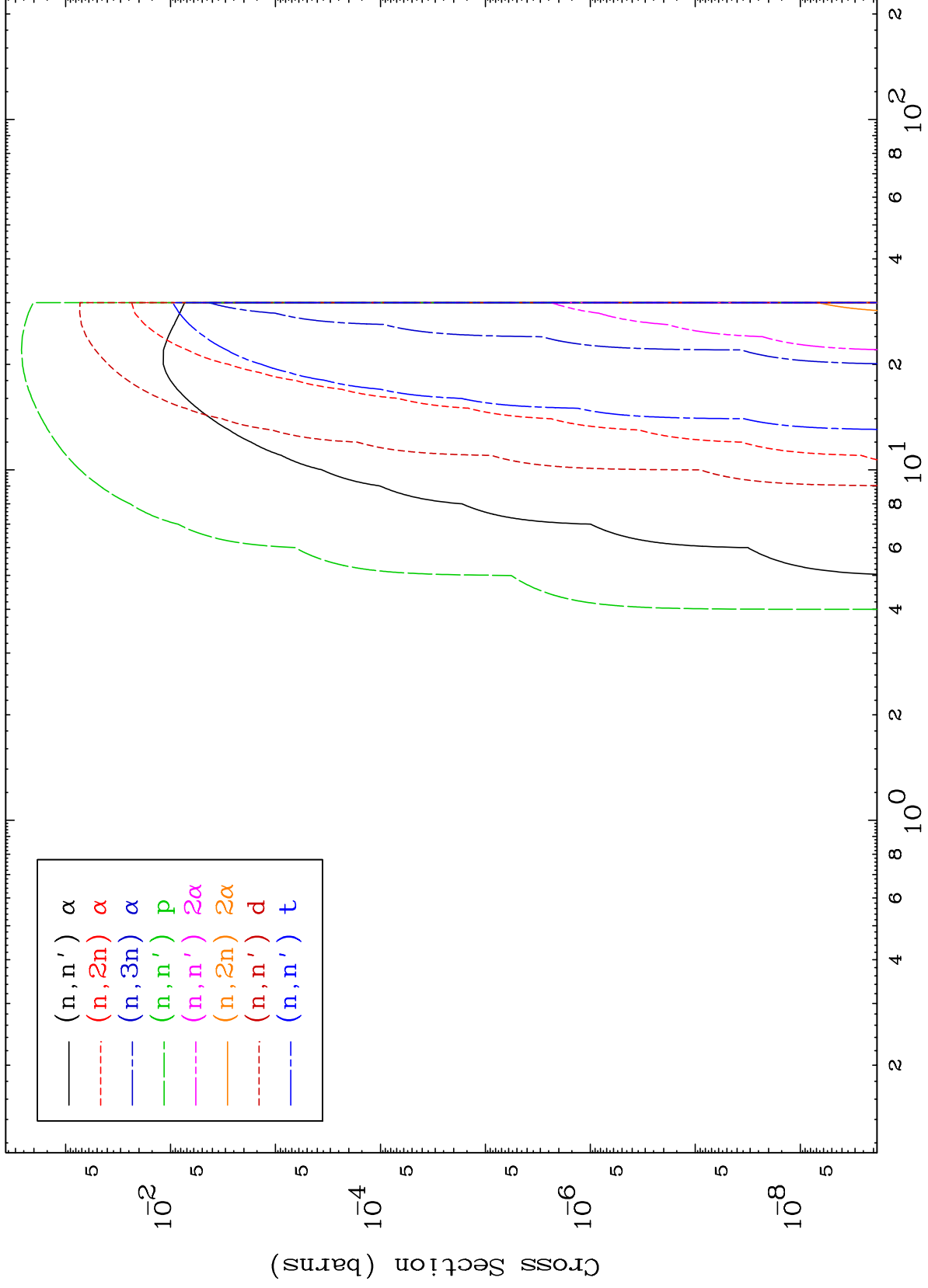
49-In-116m



MAT 4935

Deuteron Charged Particle
0 Kelvin Cross Sections

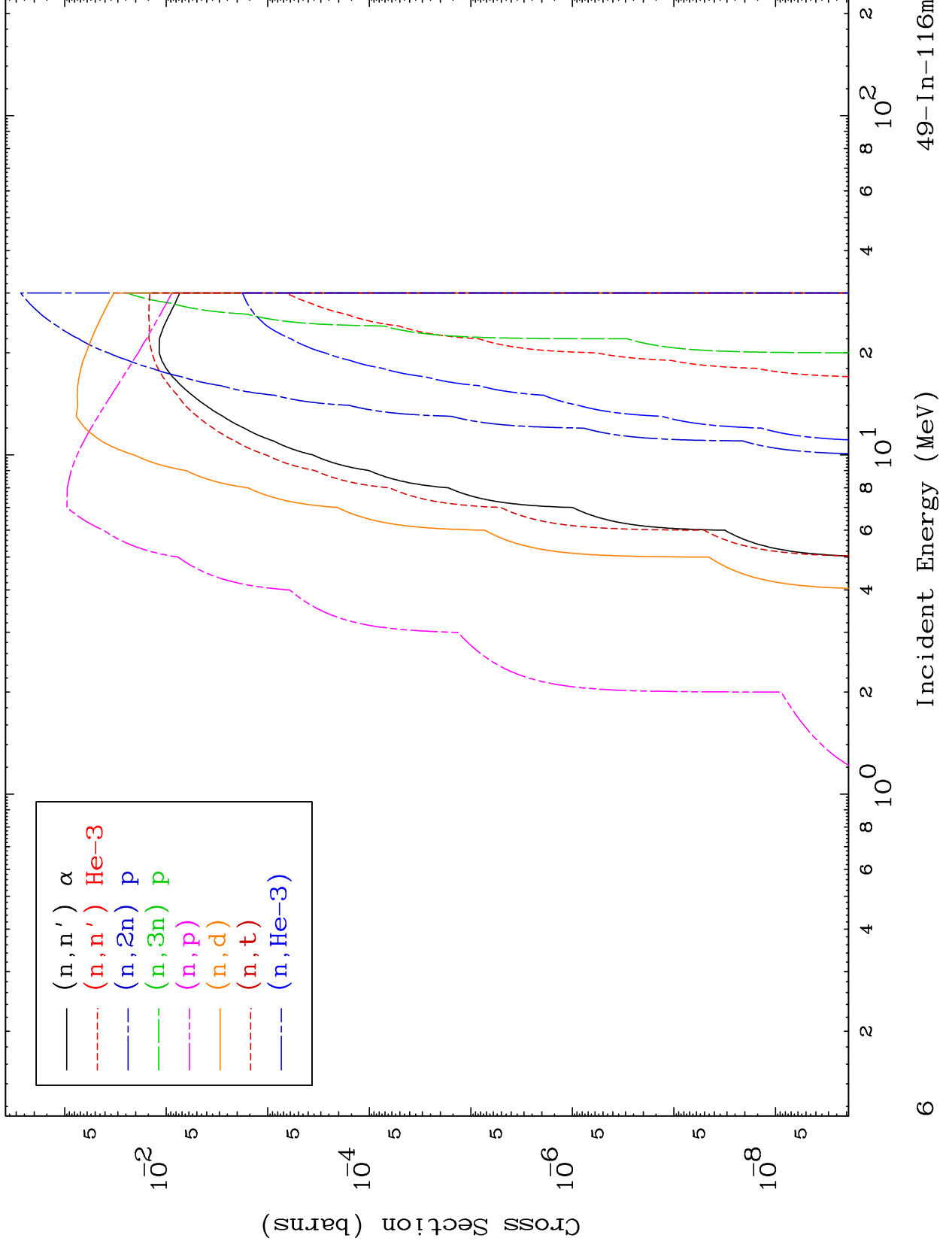
49-In-116m



MAT 4935

Deuteron Charged Particle
0 Kelvin Cross Sections

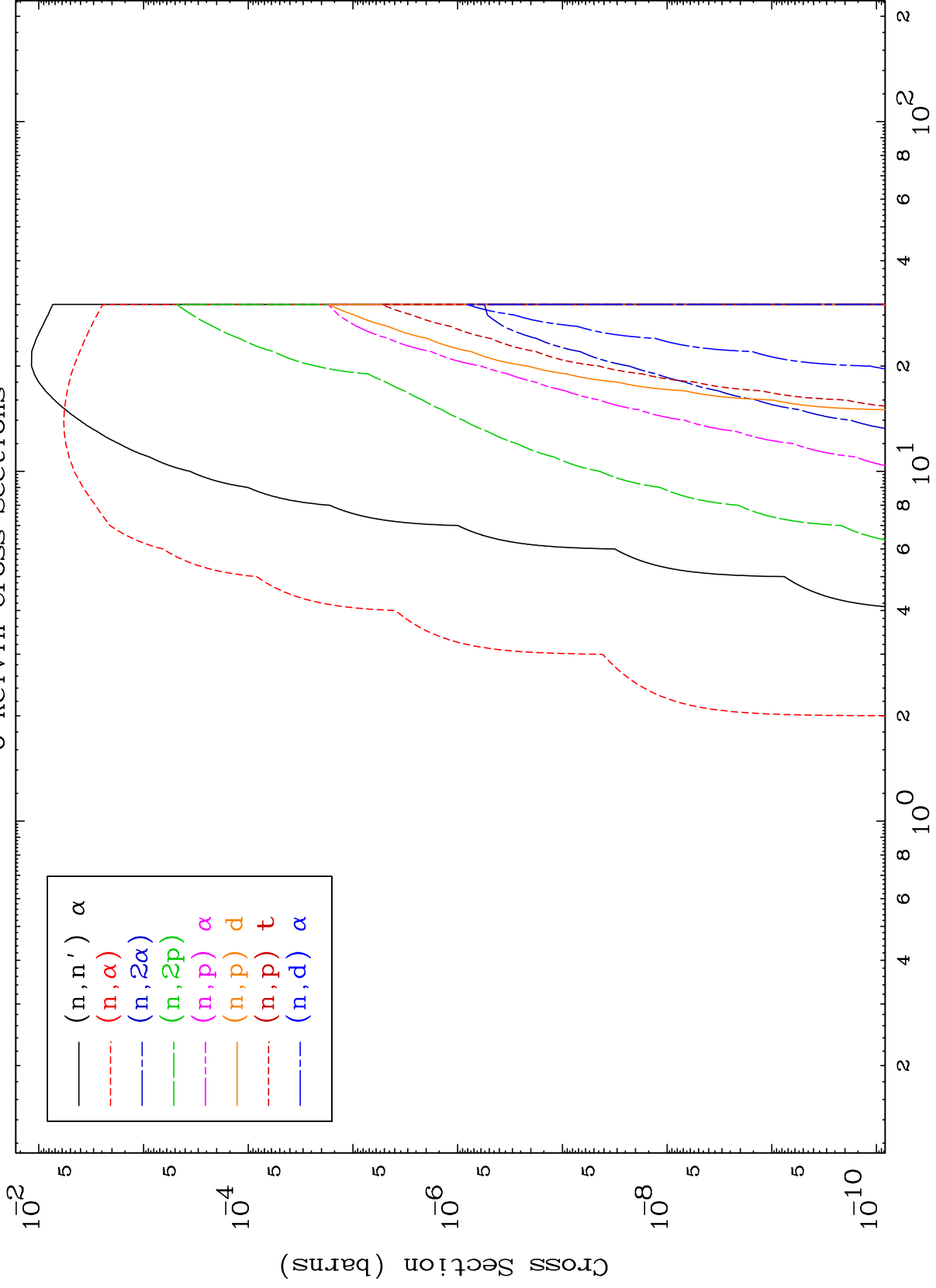
49-In-116m



MAT 4935

Deuteron Charged Particle
0 Kelvin Cross Sections

49-In-116m

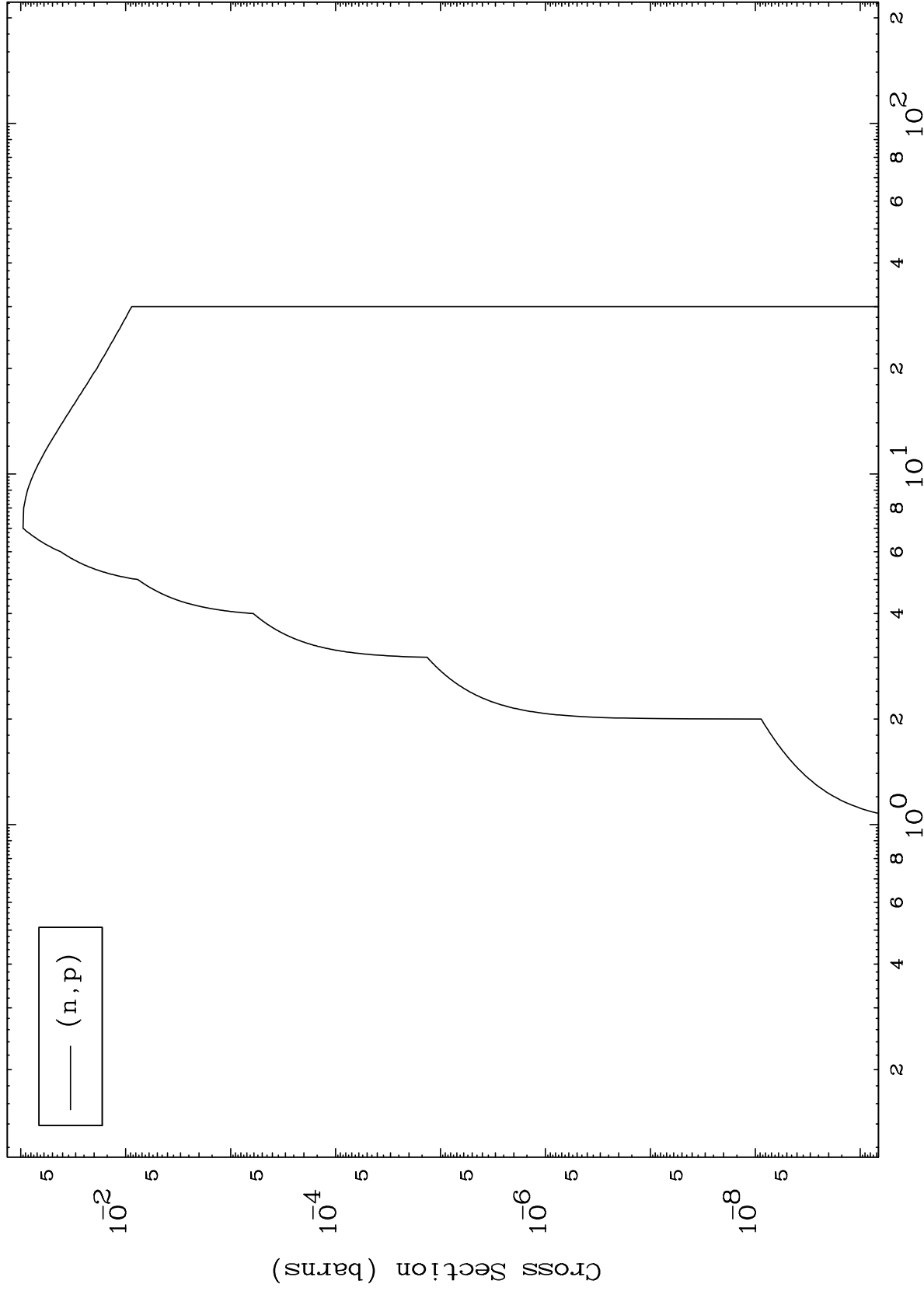


MAT 4935

(d,p) Levels

49-In-116m

0 Kelvin Cross Sections



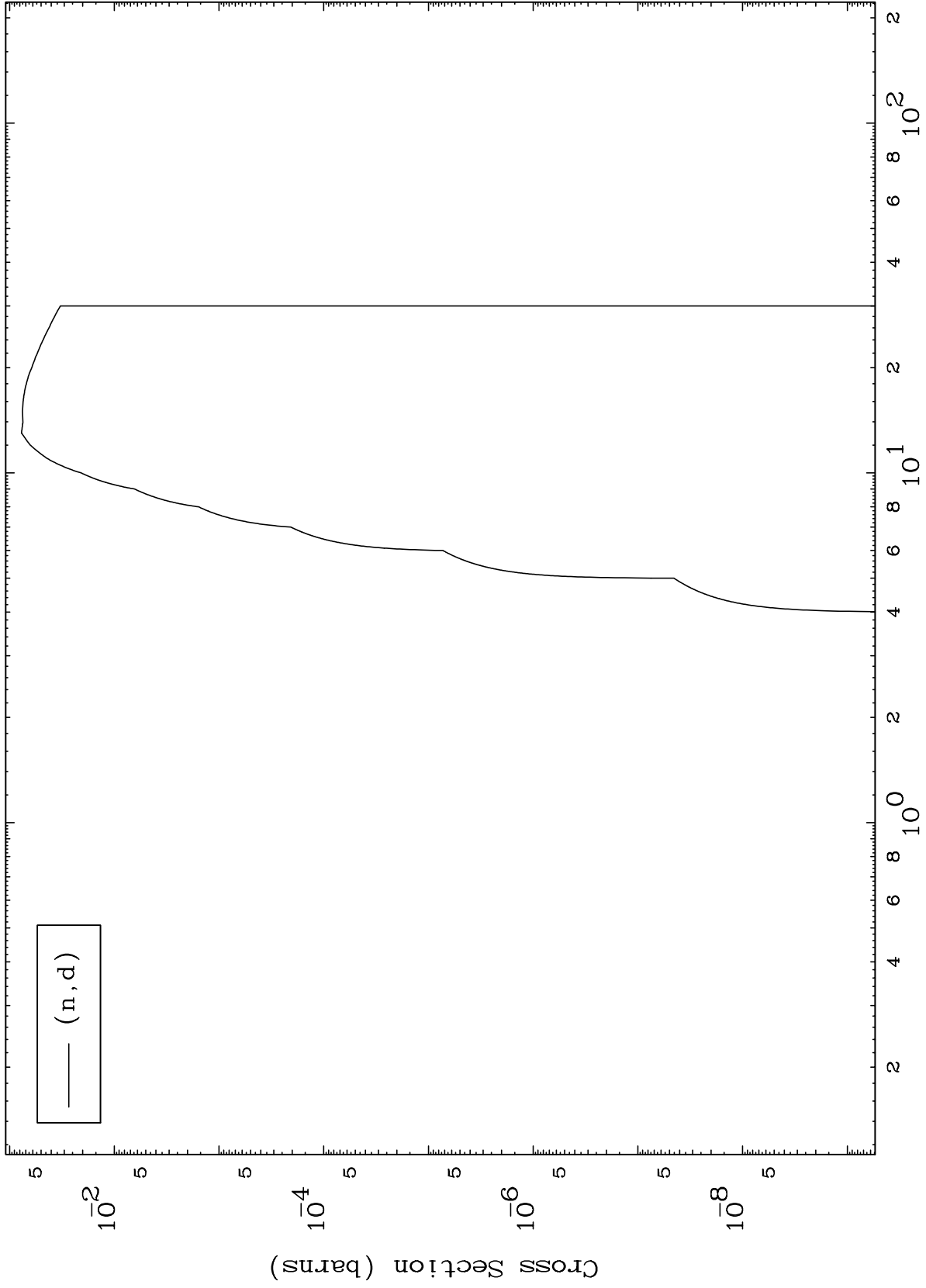
(n,p)

MAT 4935

(d,d) Levels

49-In-116m

0 Kelvin Cross Sections

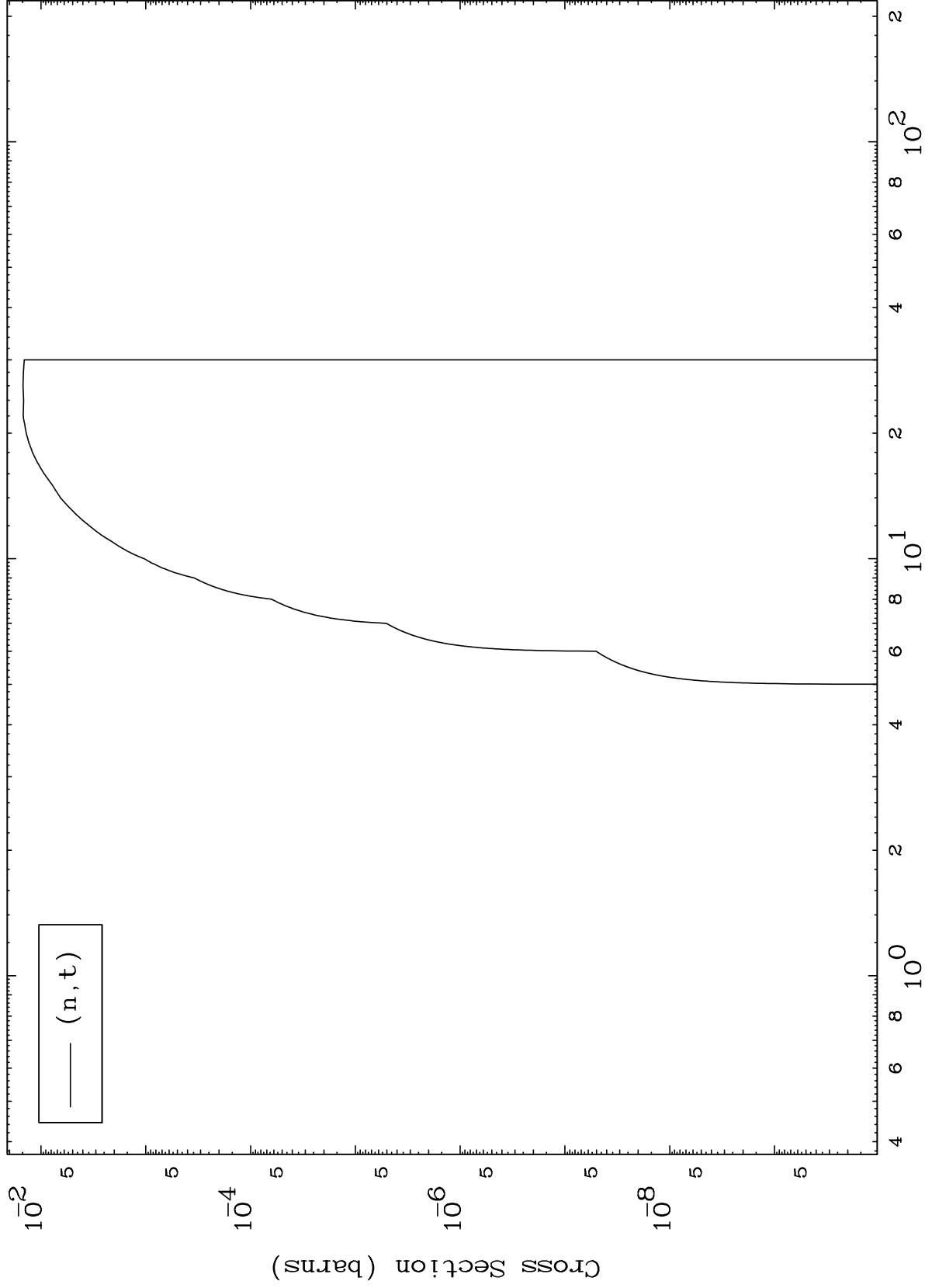


MAT 4935

(d,t) Levels

49-In-116m

0 Kelvin Cross Sections



Incident Energy (MeV)

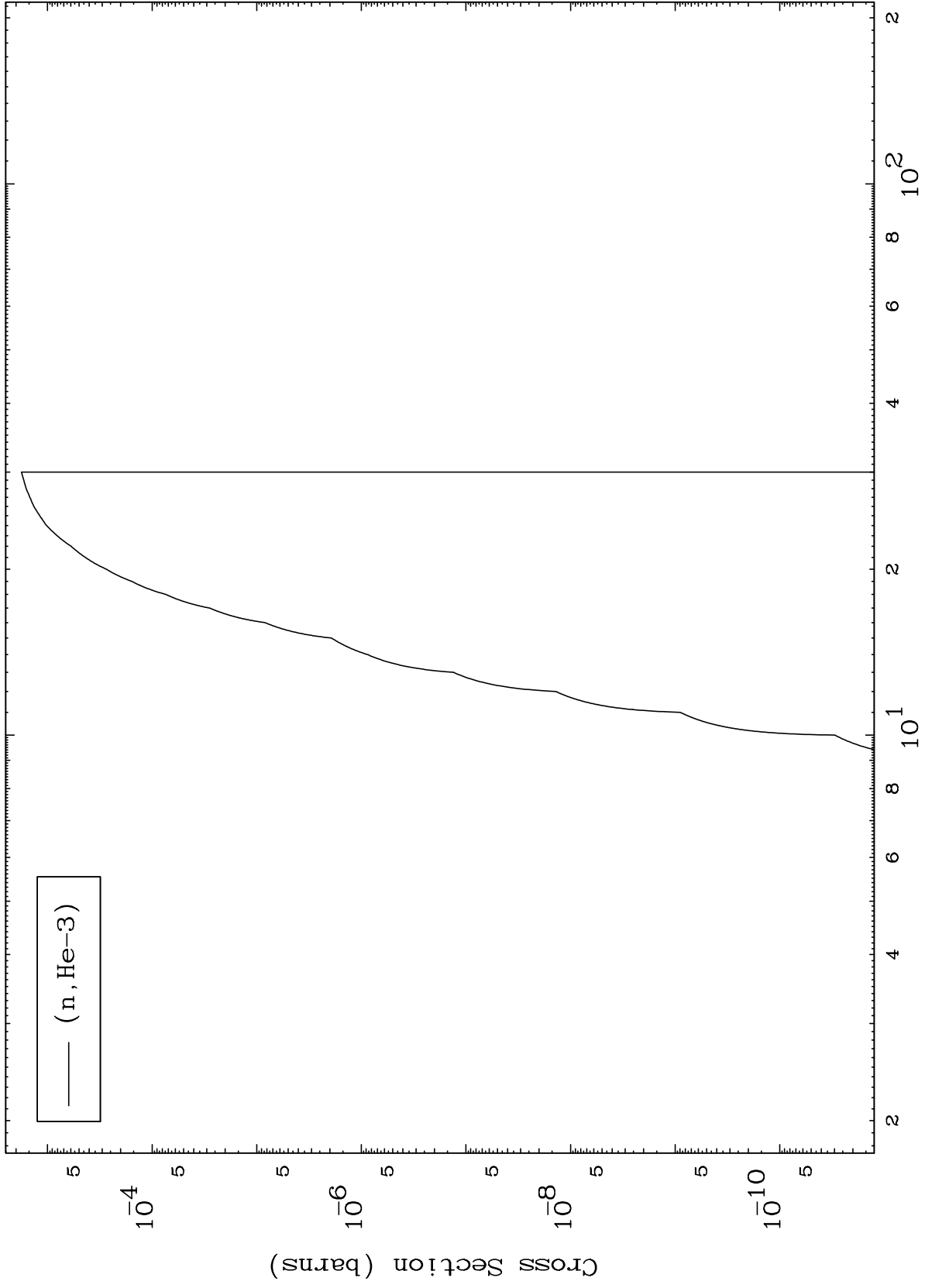
49-In-116m

MAT 4935

(d,He3) Levels

49-In-116m

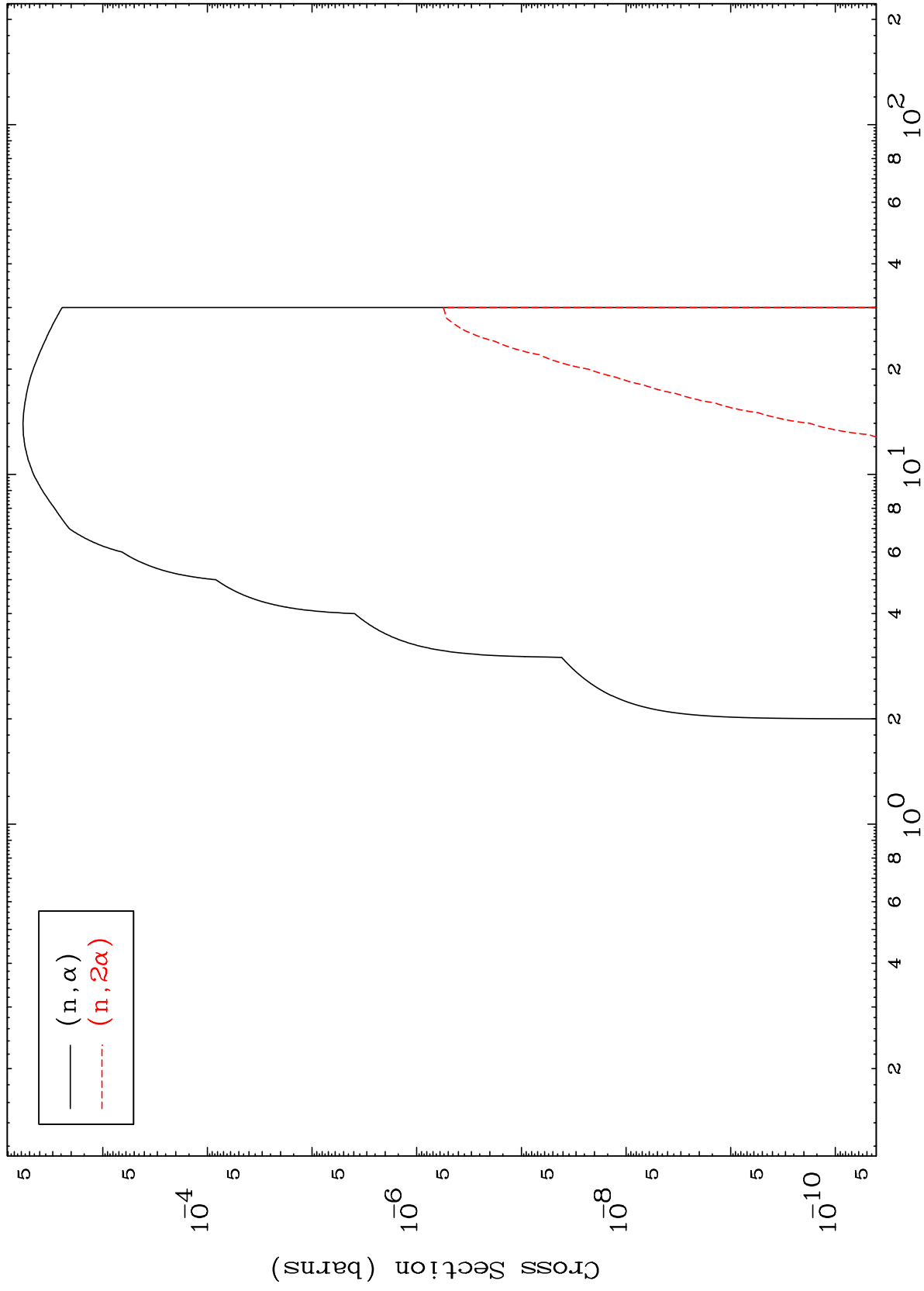
0 Kelvin Cross Sections



MAT 4935

(d, α) Levels
0 Kelvin Cross Sections

49-In-116m



12

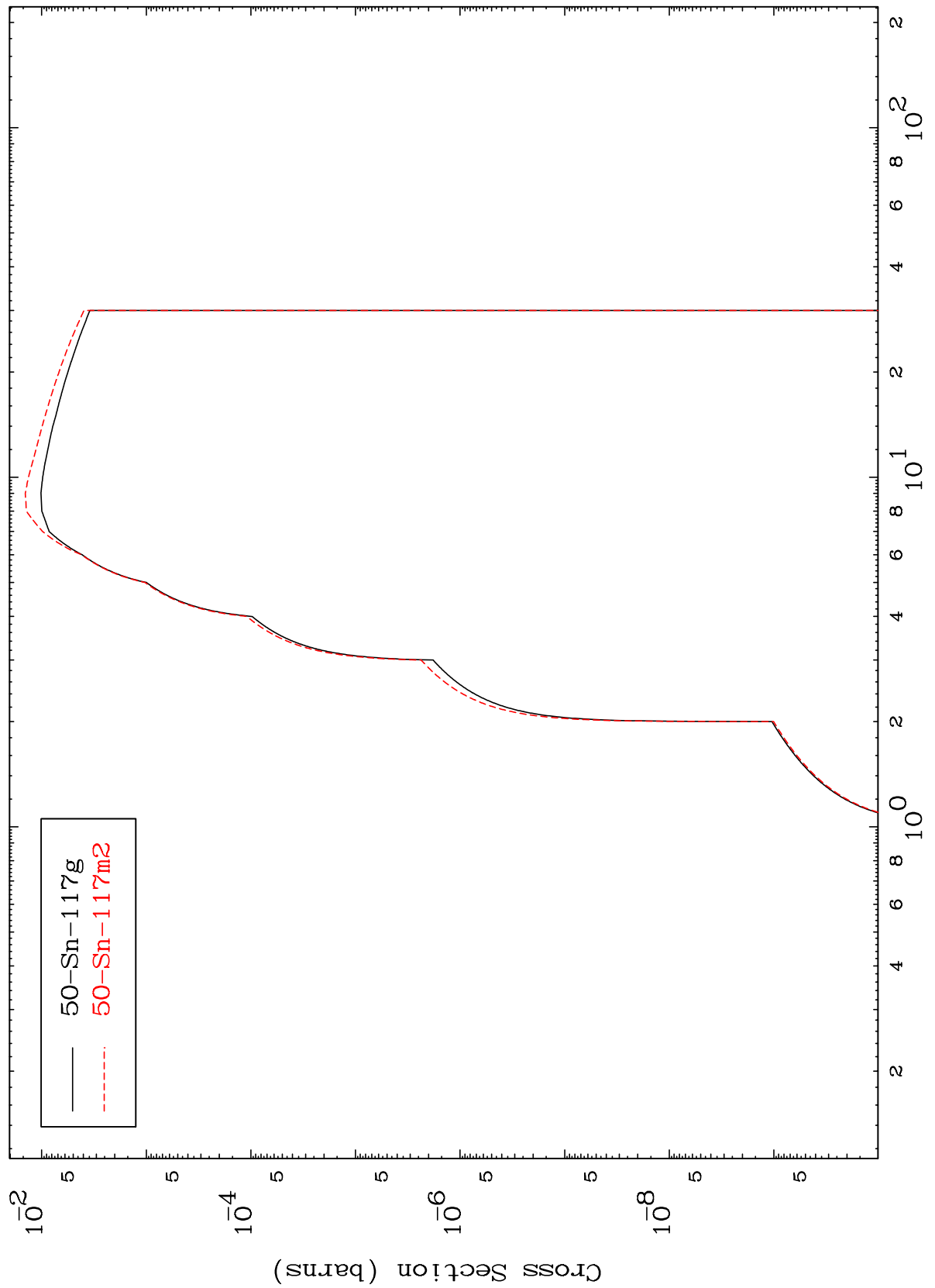
Incident Energy (MeV)

49-In-116m

MAT 4935

49-In-116m

Inelastic
Radionuclide Production Cross Section



49-In-116m

Incident Energy (MeV)

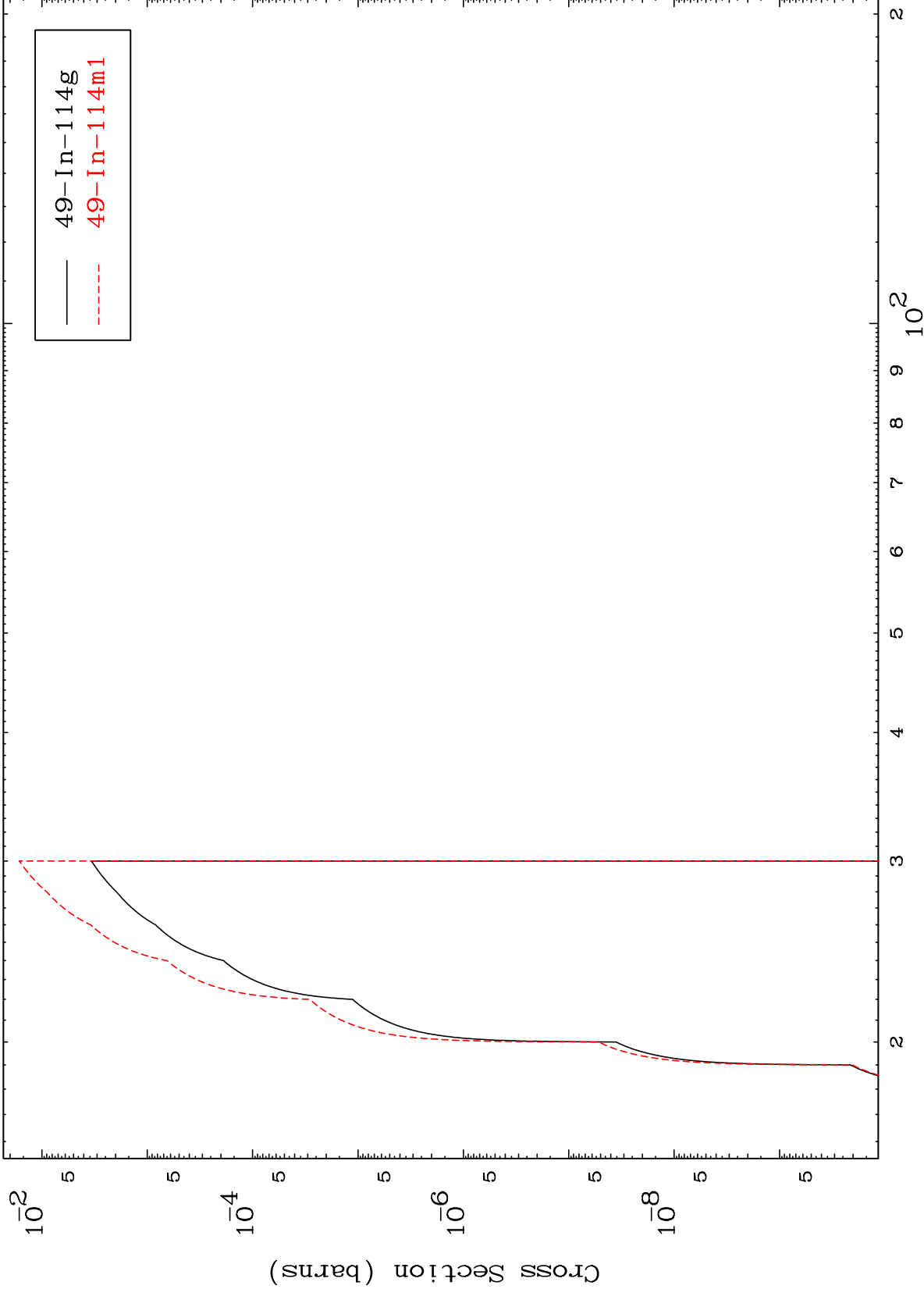
13

MAT 4935

(n,2n) d

49-In-116m

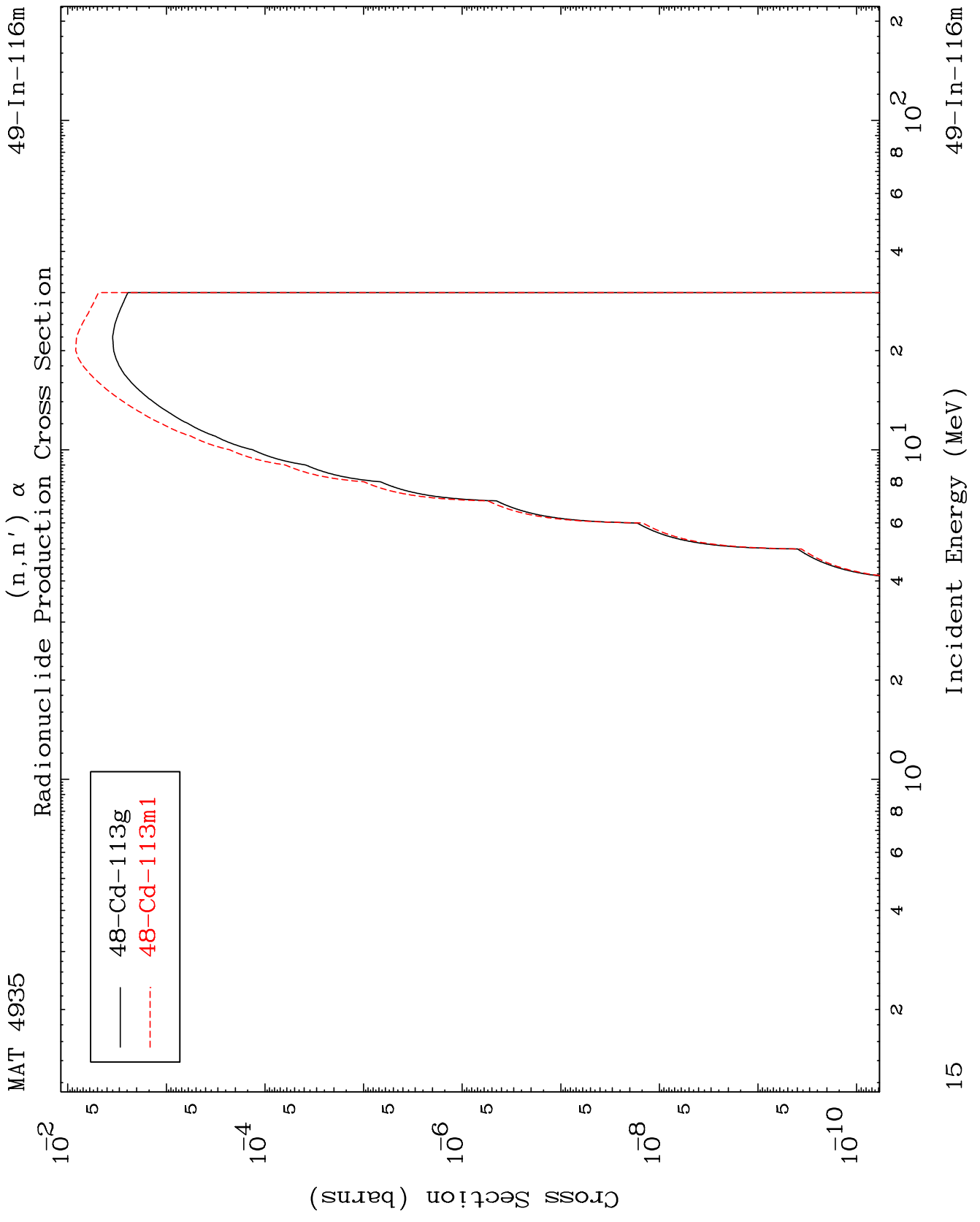
Radionuclide Production Cross Section



14

Incident Energy (MeV)

49-In-116m

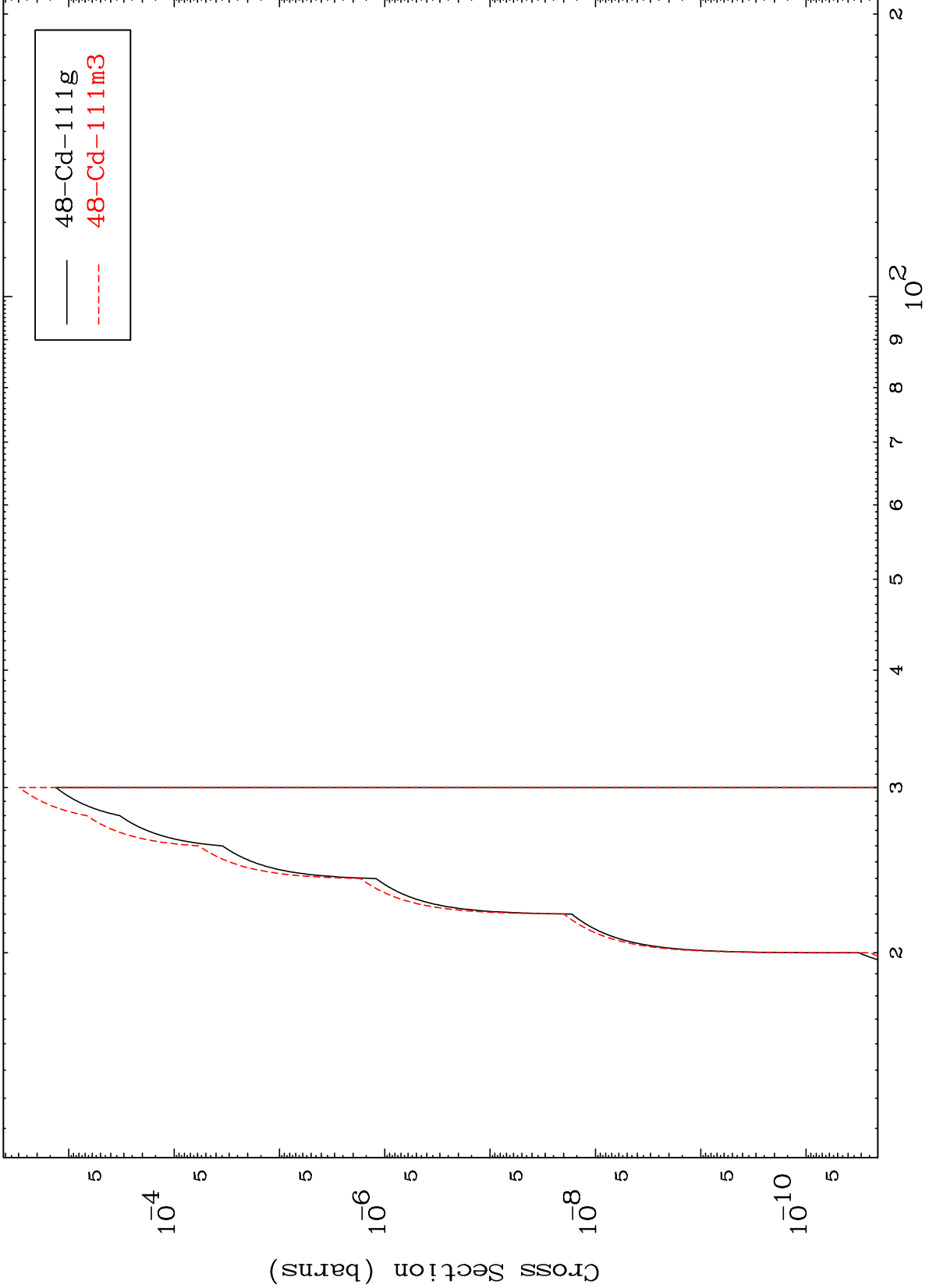


MAT 4935

(n,3n) α

49-In-116m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

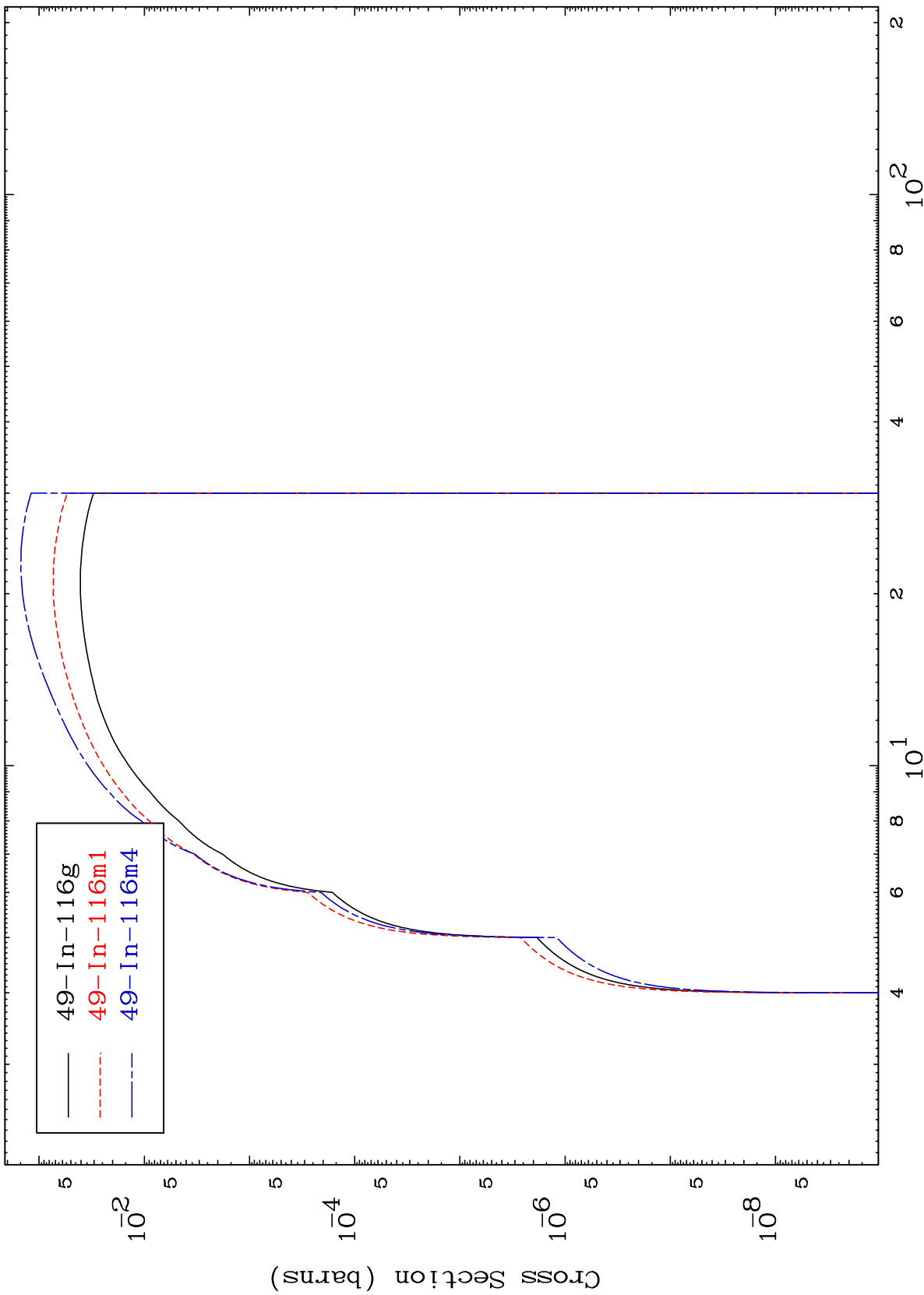
49-In-116m

MAT 4935

49-In-116m

(n,n') p

Radionuclide Production Cross Section

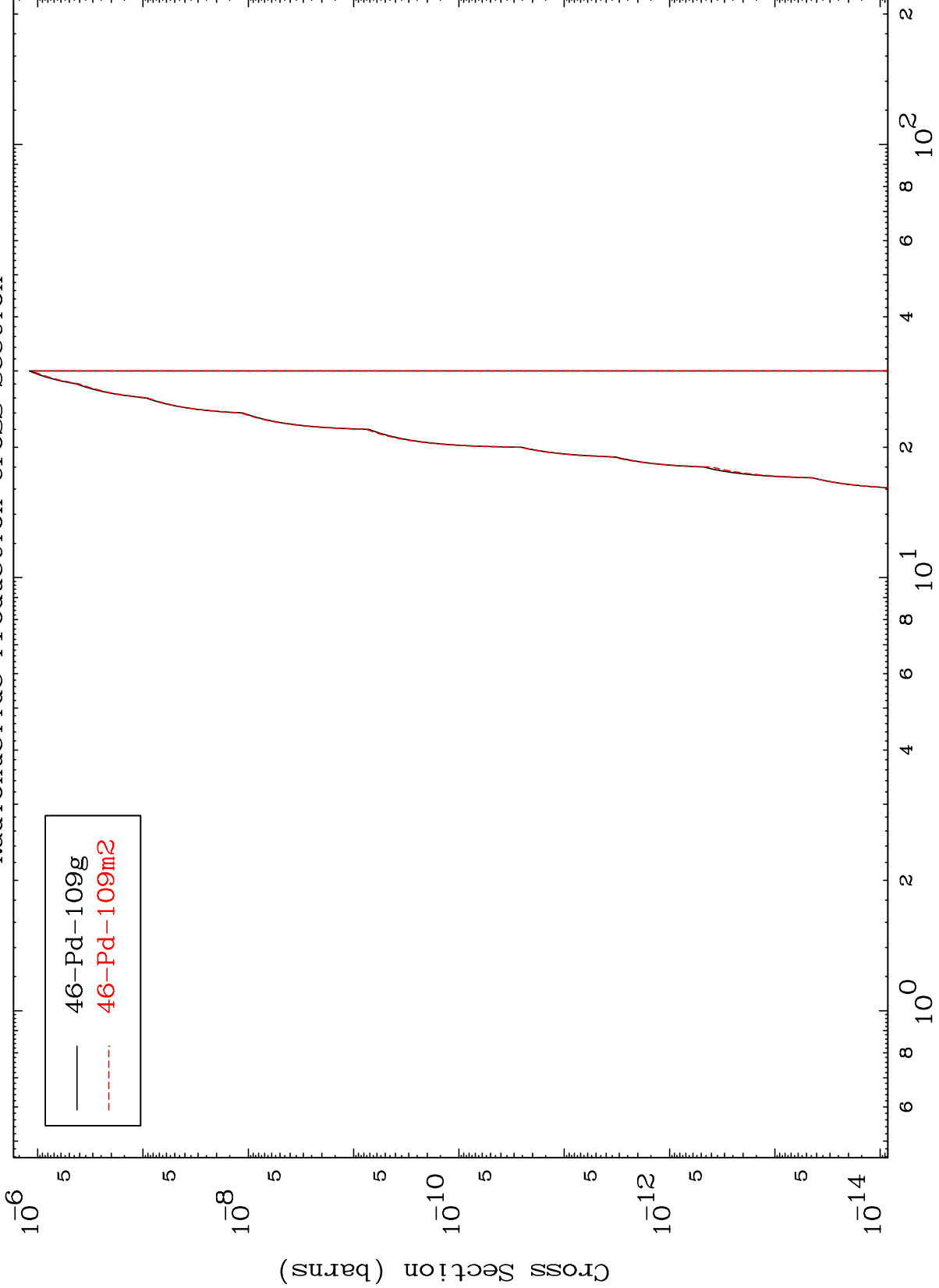


MAT 4935

(n,n') 2α

49-In-116m

Radionuclide Production Cross Section



— 46-Pd-109g
- - - 46-Pd-109m2

18

Incident Energy (MeV)

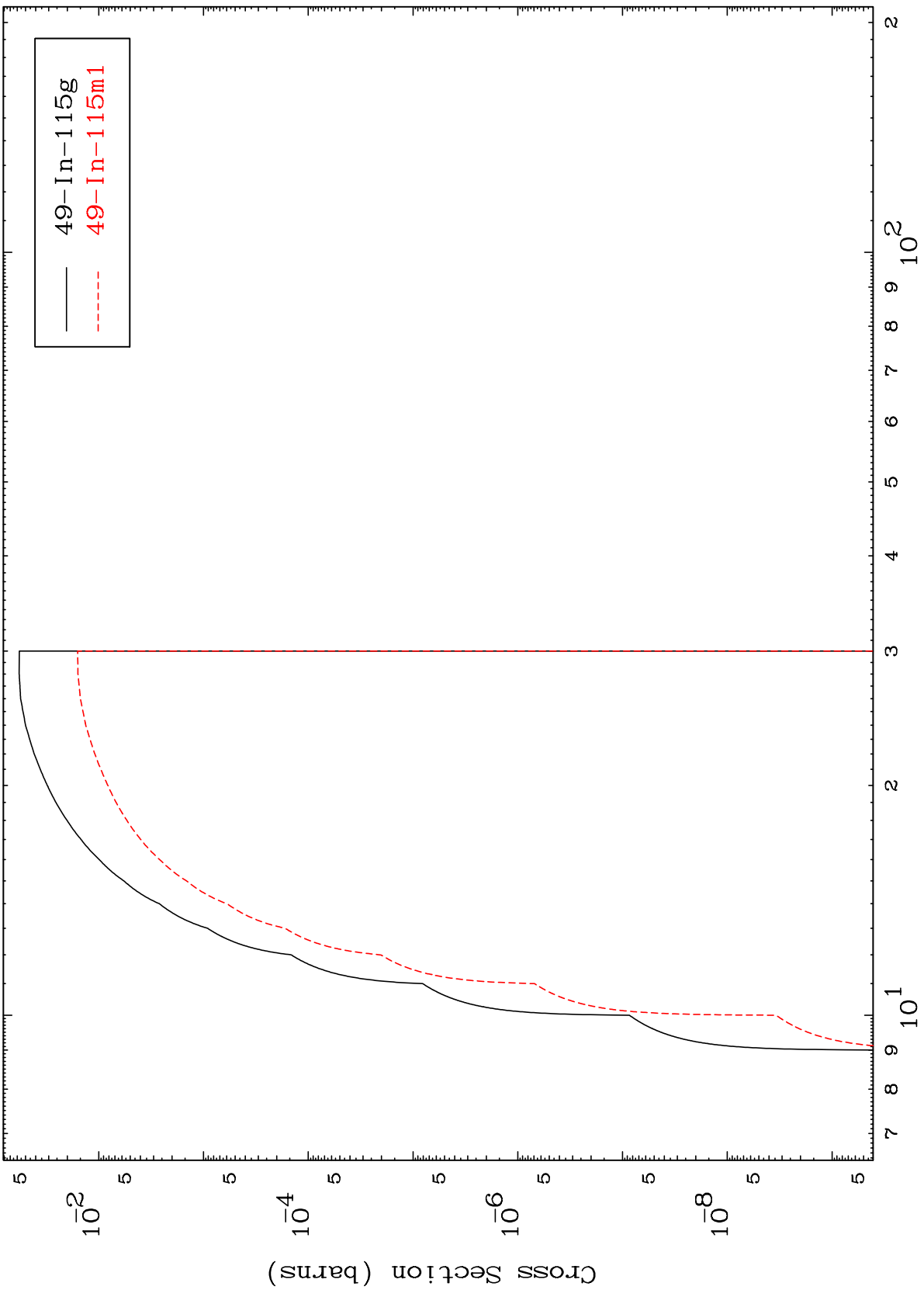
49-In-116m

MAT 4935

(n,n') d

49-In-116m

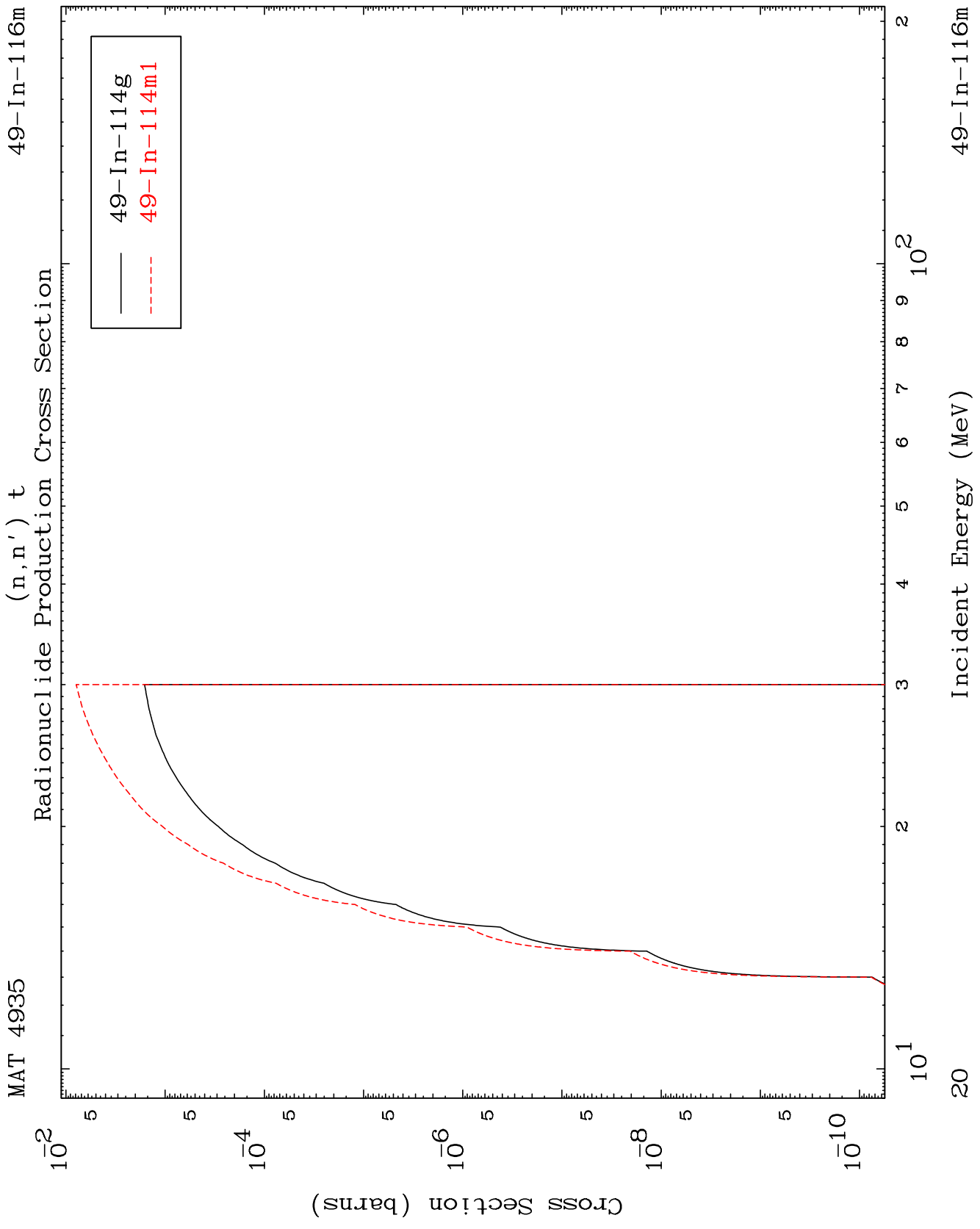
Radionuclide Production Cross Section



19

Incident Energy (MeV)

49-In-116m



MAT 4935

(n,n') t

49-In-116m

10^{-2}

5

5

10^{-4}

5

5

10^{-6}

5

5

10^{-8}

5

5

10^{-10}

5

5

10

20

30

40

50

60

70

80

90

100

10^2

20

40

60

80

100

200

400

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800

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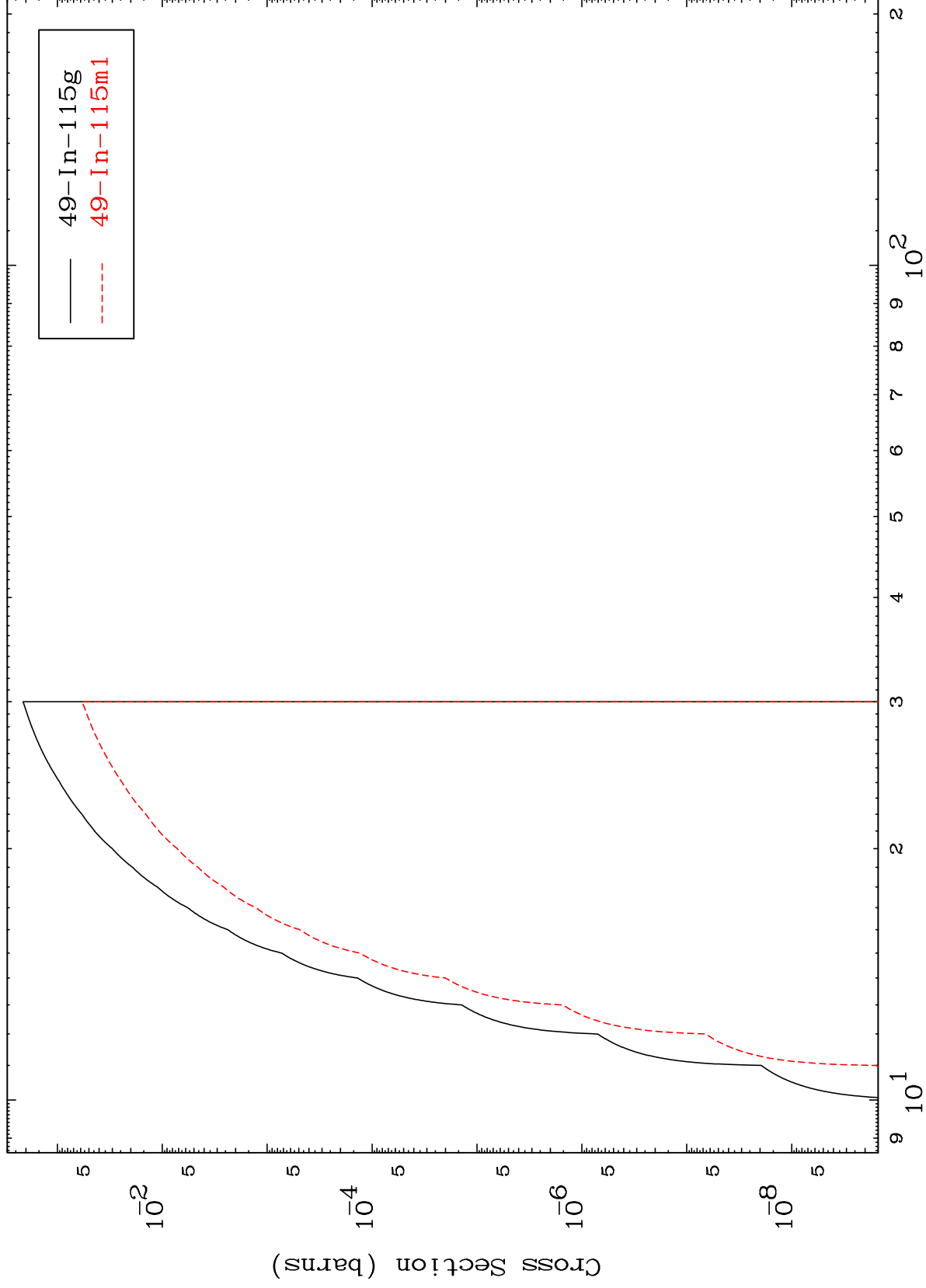
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MAT 4935

(n,2n) p

49-In-116m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

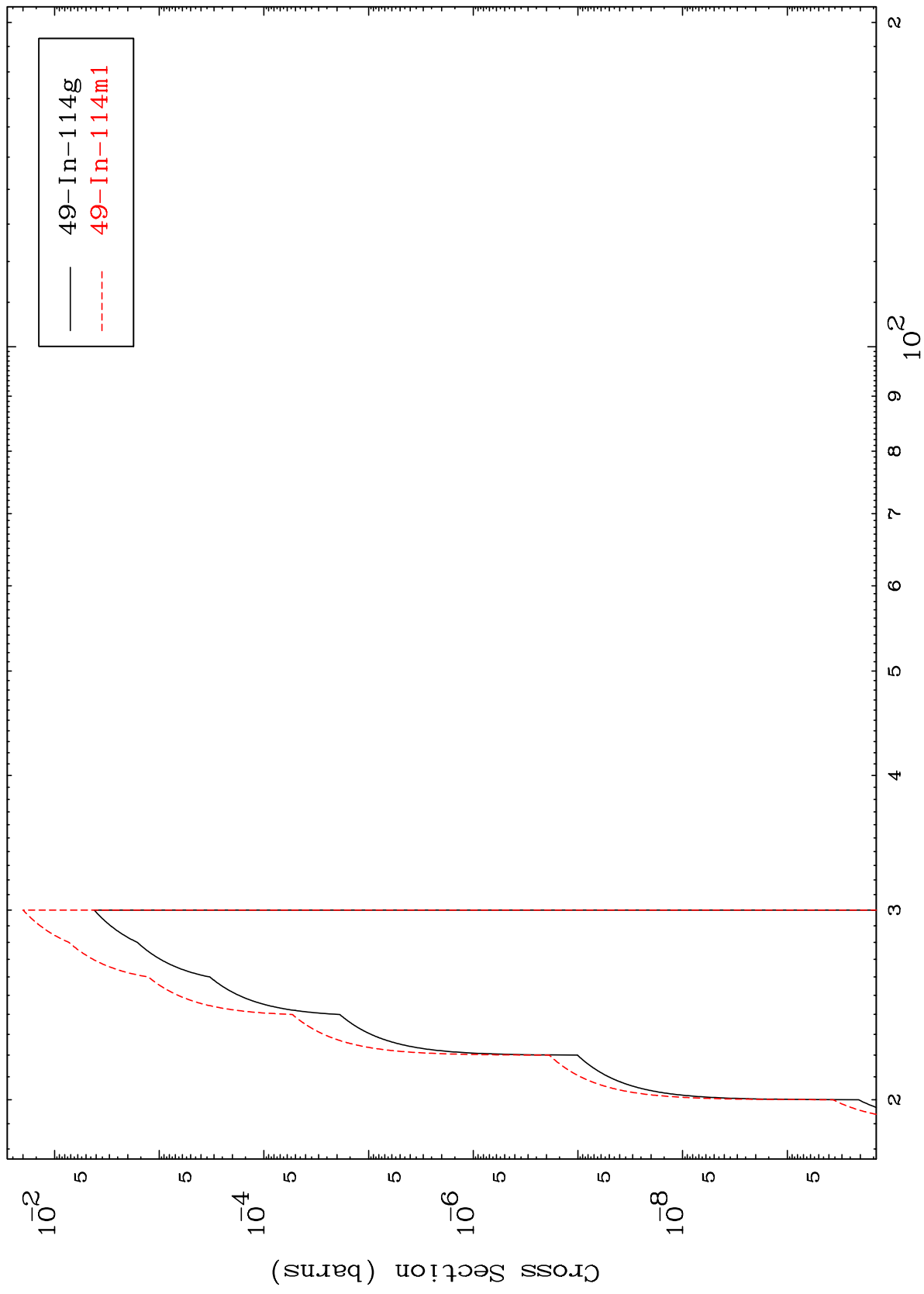
49-In-116m

MAT 4935

(n,3n) p

49-In-116m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

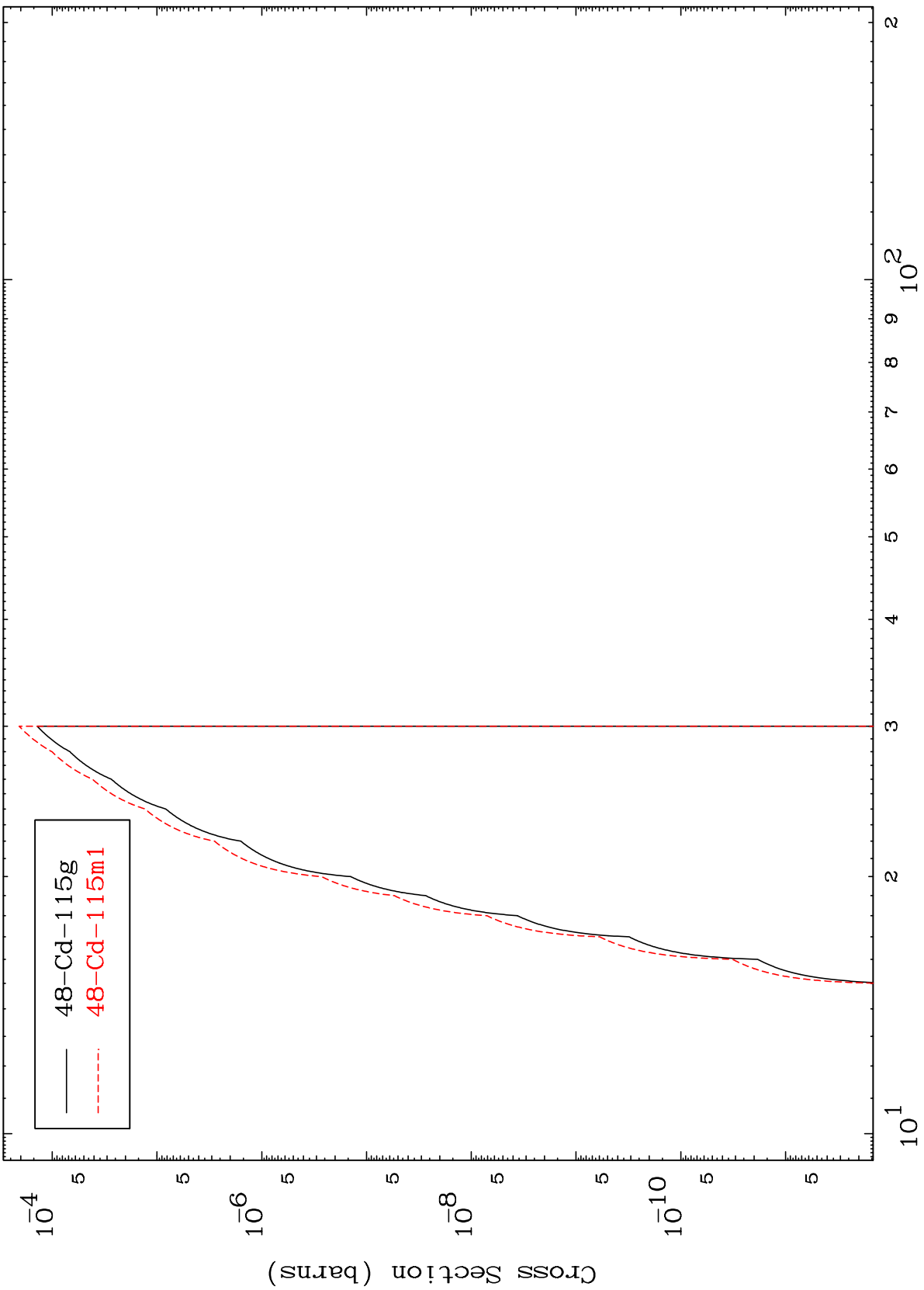
49-In-116m

MAT 4935

(n,2n) p

49-In-116m

Radionuclide Production Cross Section



48-Cd-115g
48-Cd-115m1

Incident Energy (MeV)

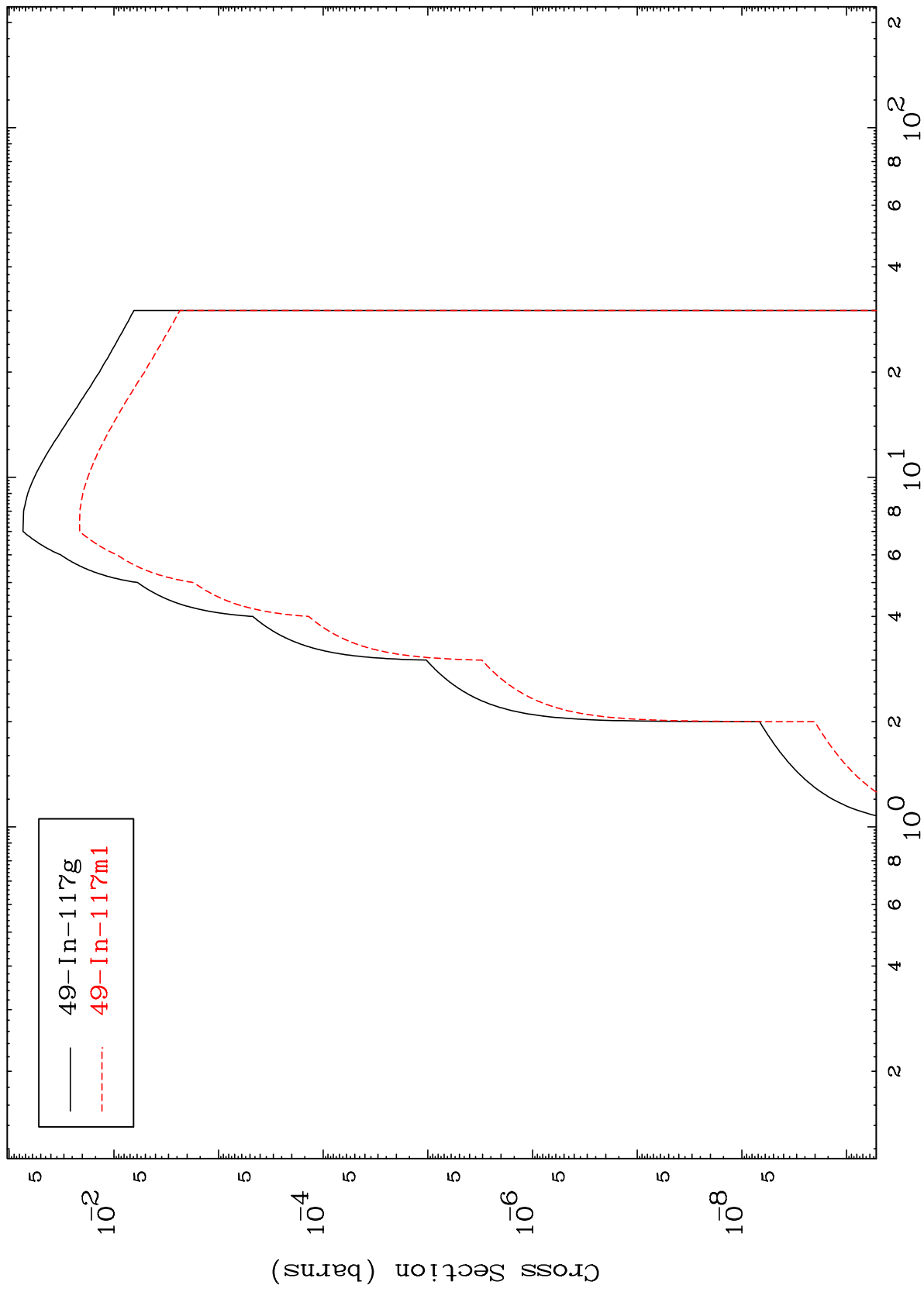
49-In-116m

23

MAT 4935

49-In-116m

Radionuclide Production Cross Section (n,p)



24

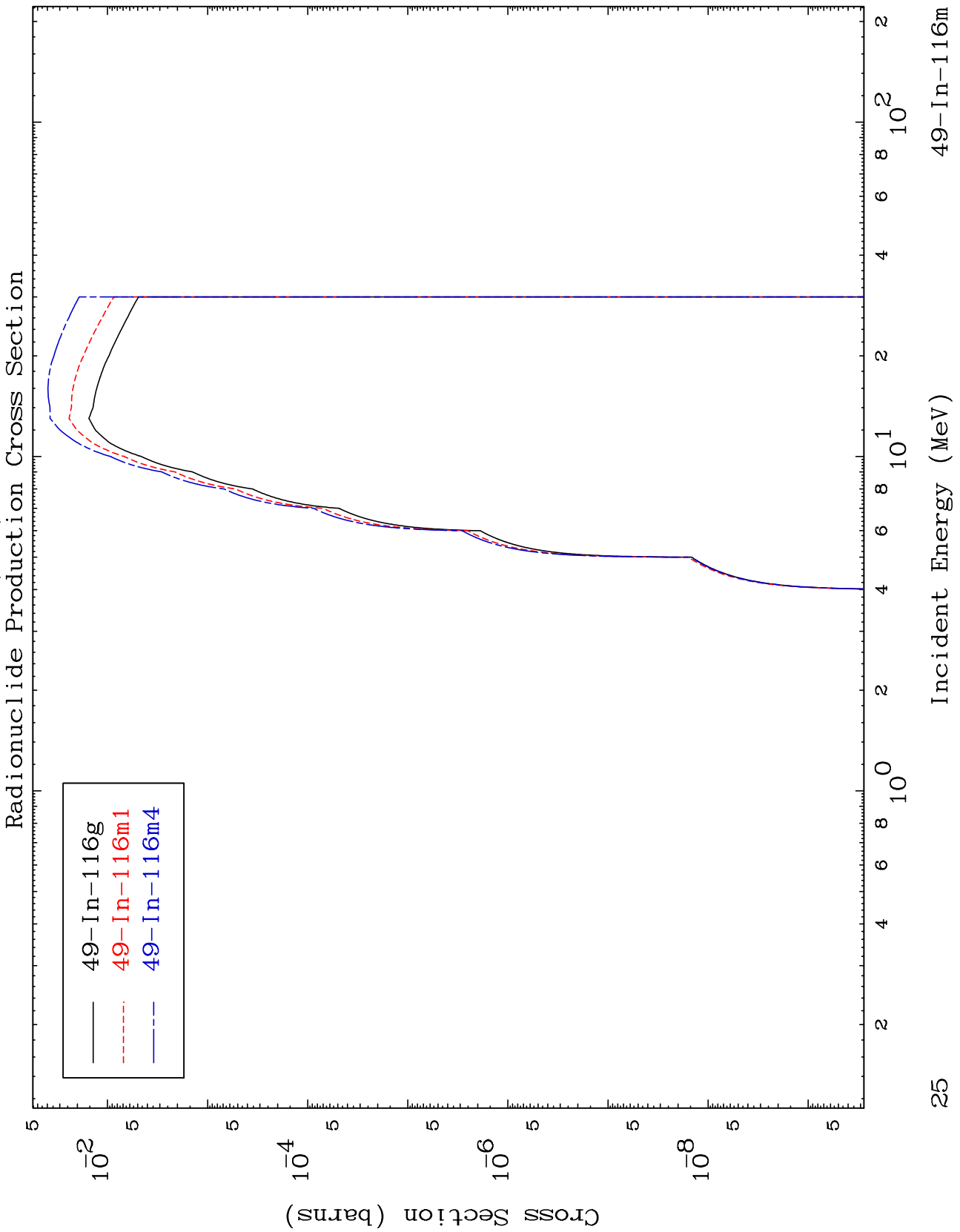
49-In-116m

Incident Energy (MeV)

MAT 4935

(n,d)

49-In-116m



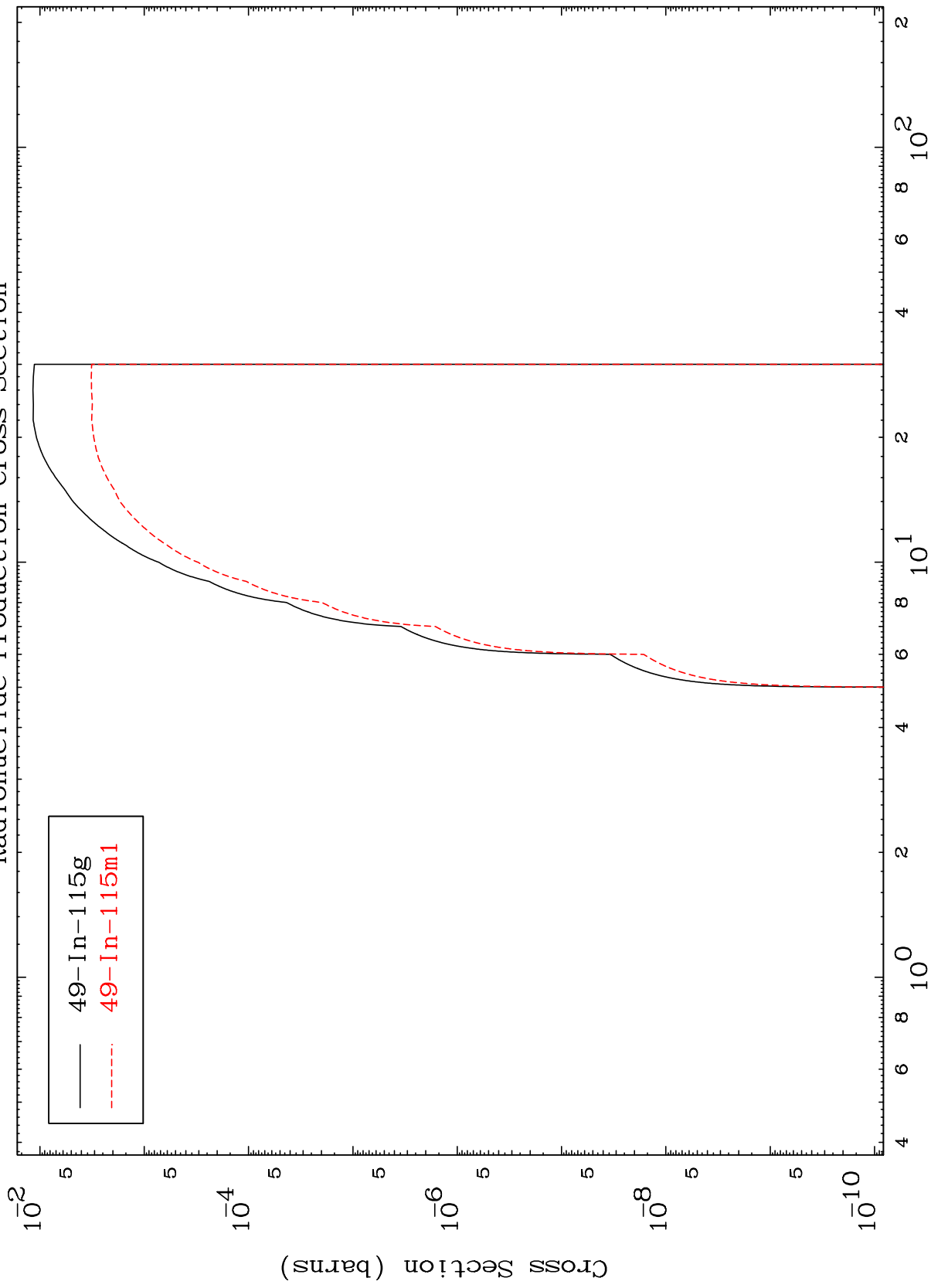
49-In-116g
49-In-116m1
49-In-116m4

MAT 4935

(n, t)

49-In-116m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

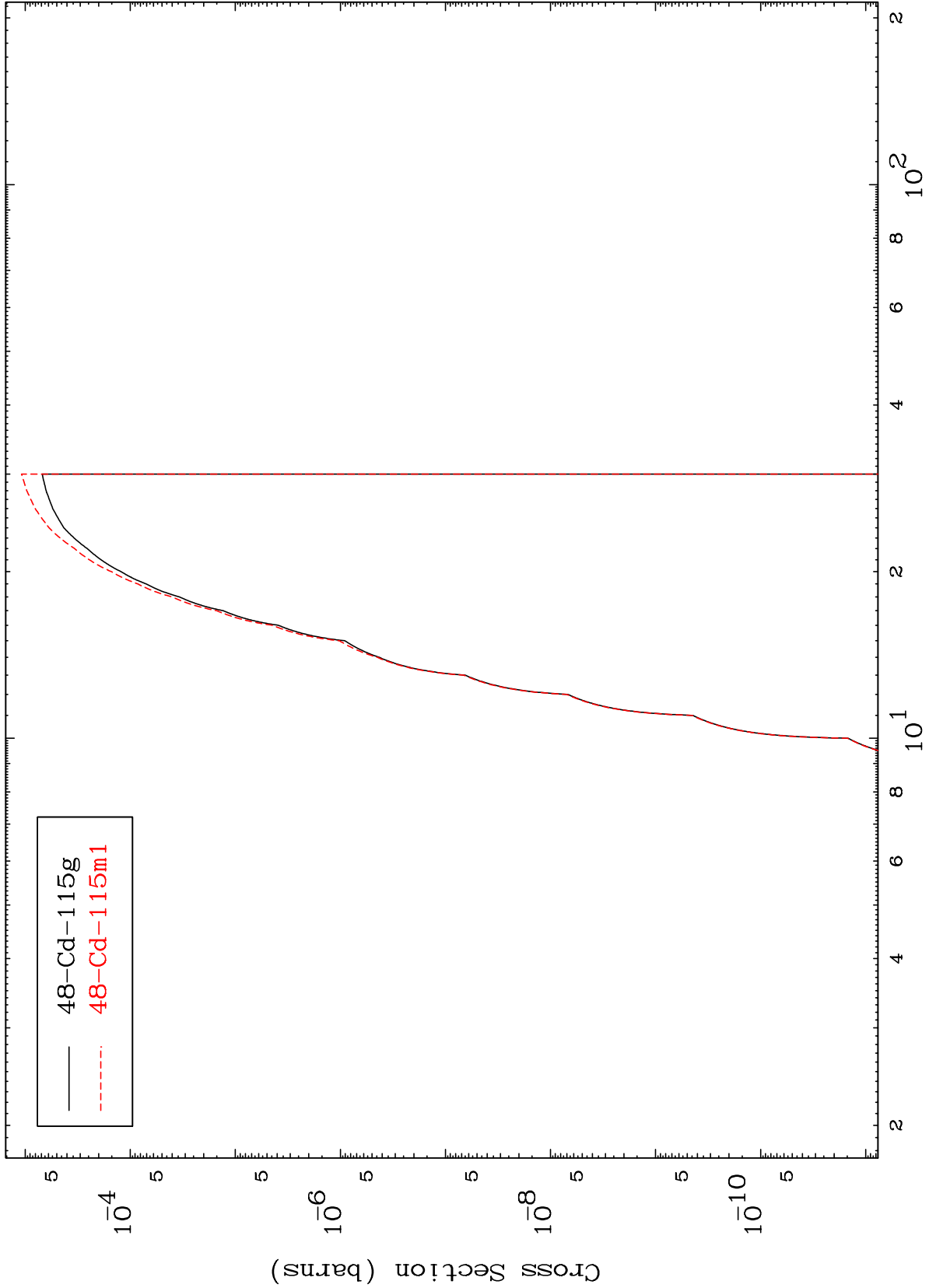
49-In-116m

MAT 4935

(n,He-3)

49-In-116m

Radionuclide Production Cross Section



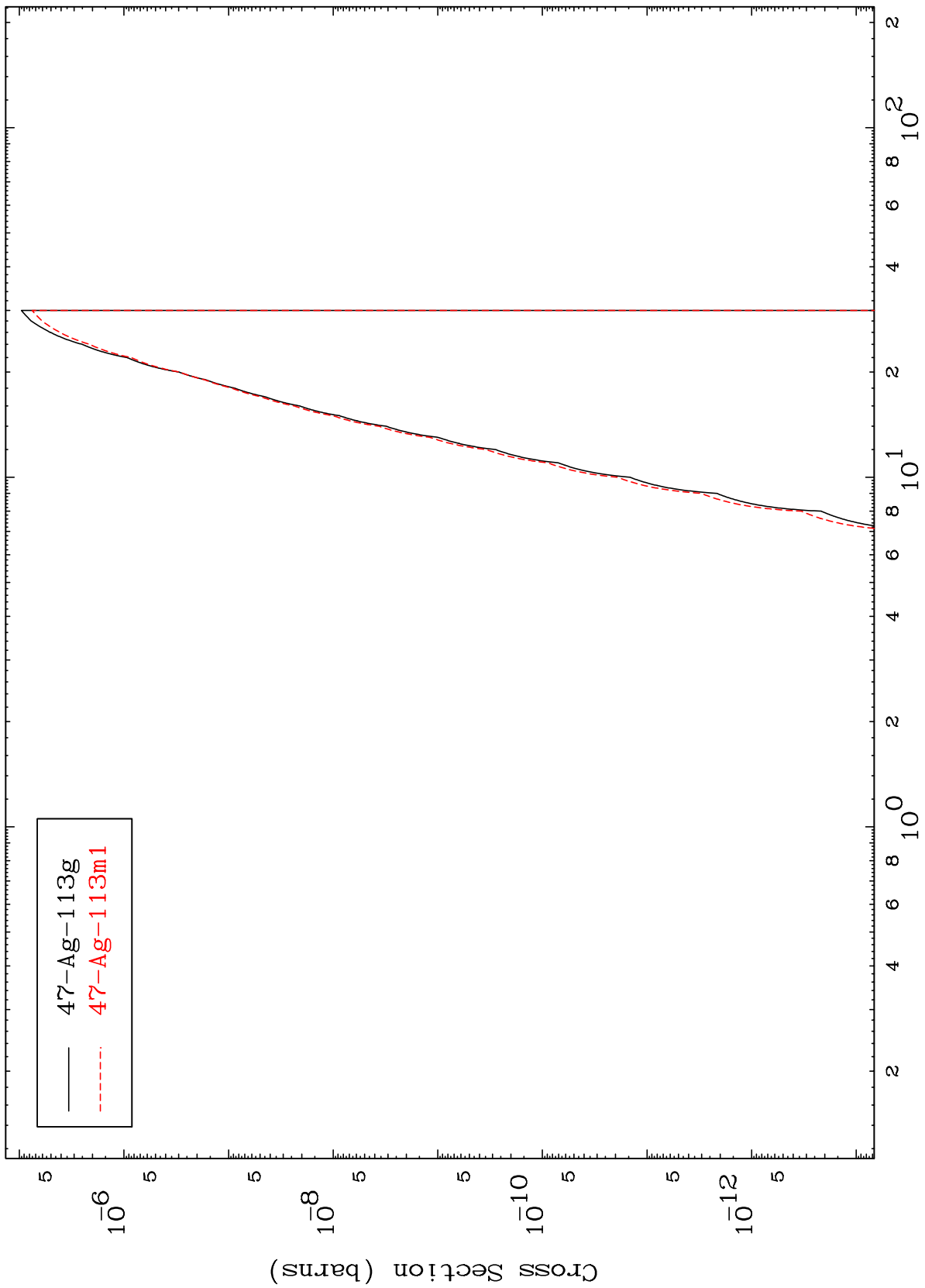
48-Cd-115g
48-Cd-115m1

MAT 4935

(n,p) α

49-In-116m

Radionuclide Production Cross Section

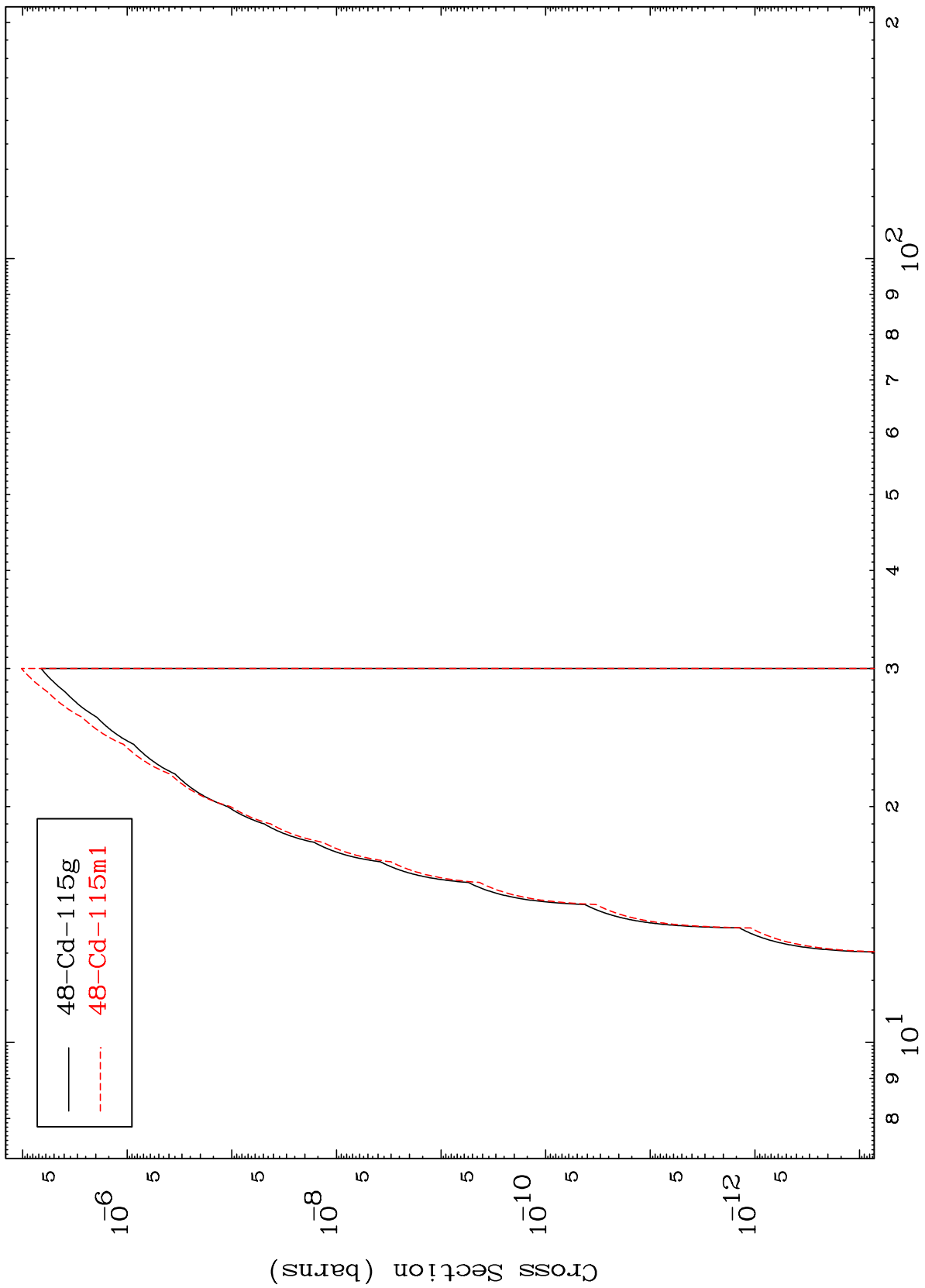


MAT 4935

(n,p) d

49-In-116m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

49-In-116m