

Program EVALPLOT
(Version 2018-1)

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

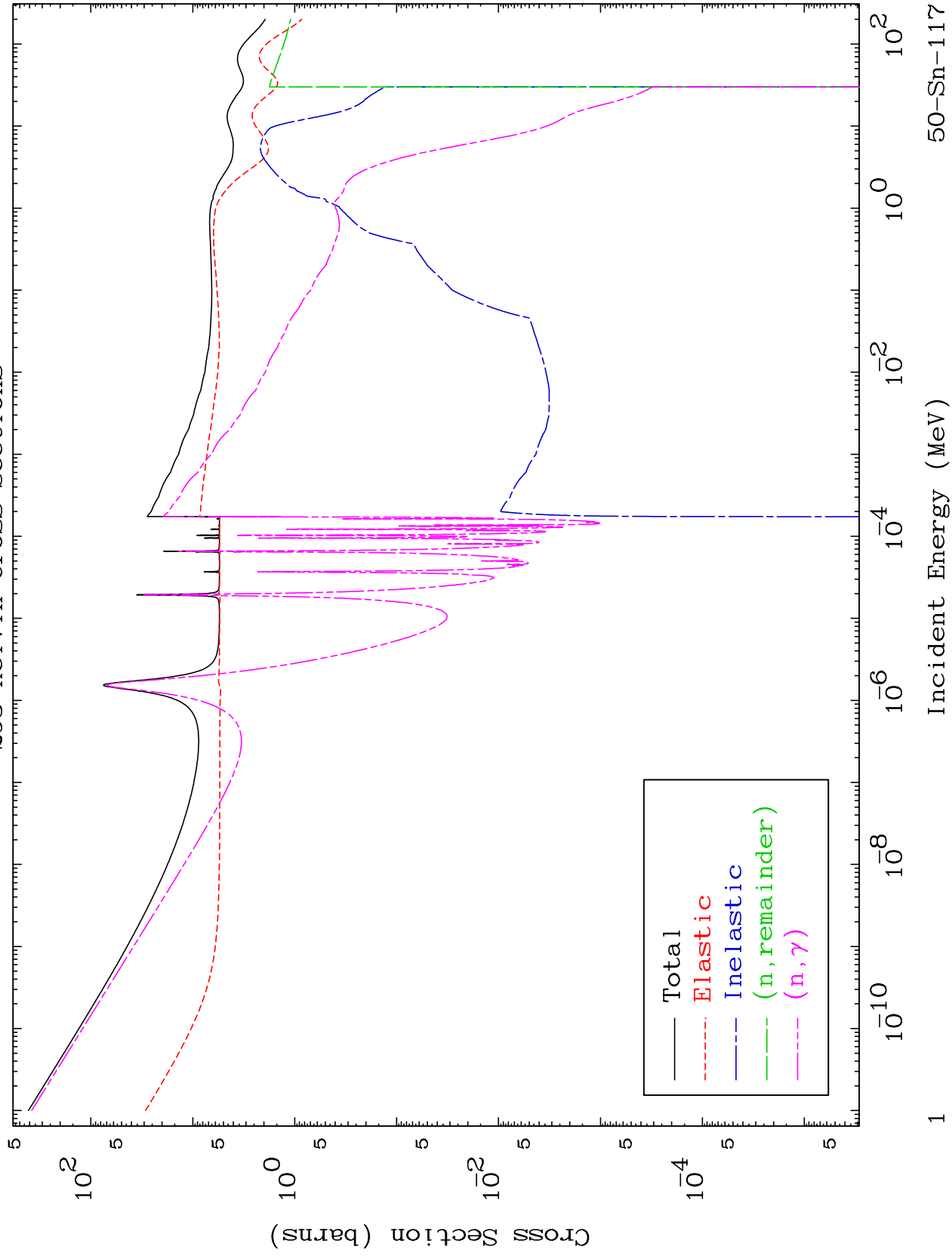
Press Mouse Button to Start

MAT 5041

Major

293 Kelvin Cross Sections

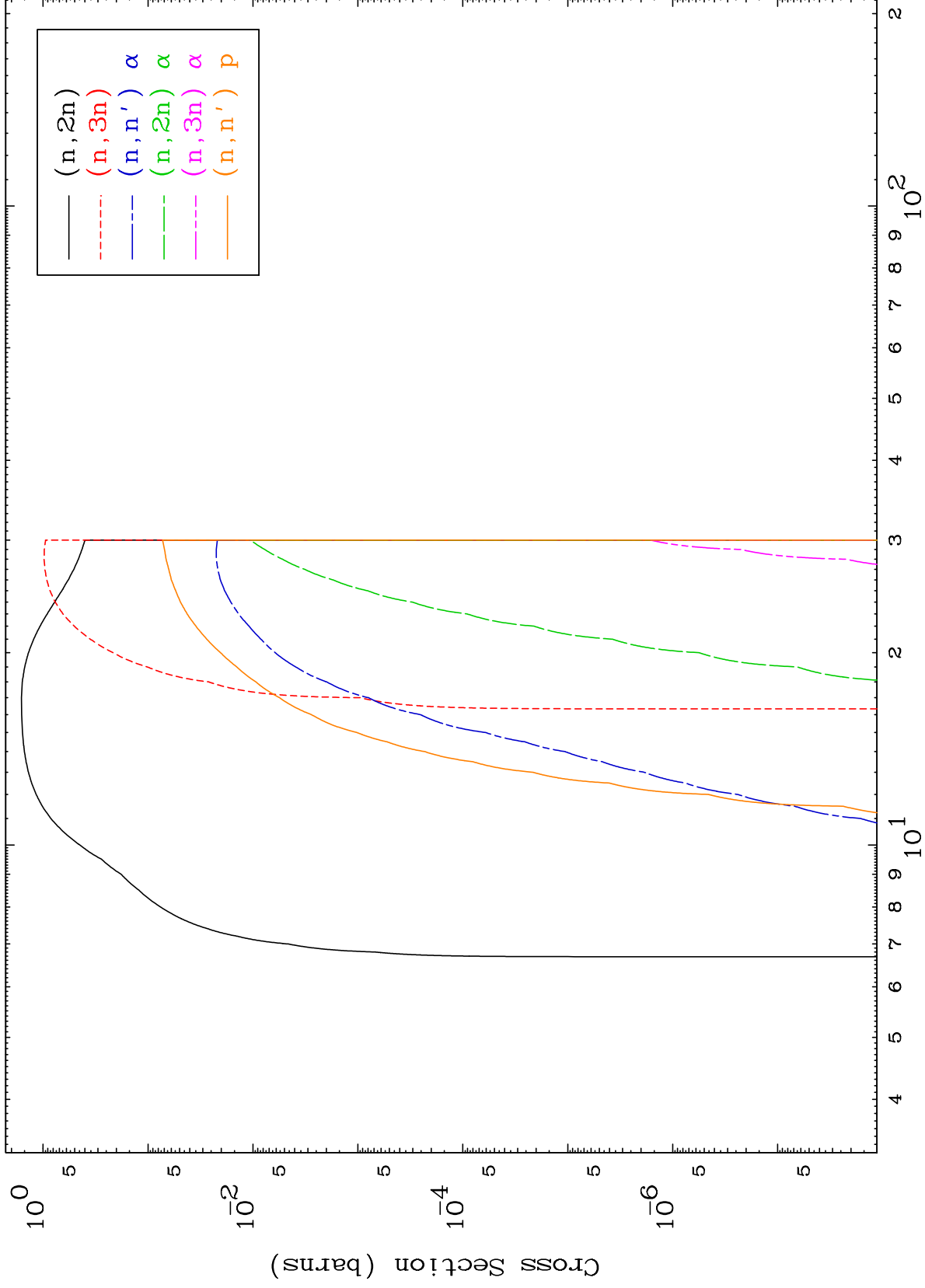
50-Sn-117



MAT 5041

Neutron Production
293 Kelvin Cross Sections

50-Sn-117



2

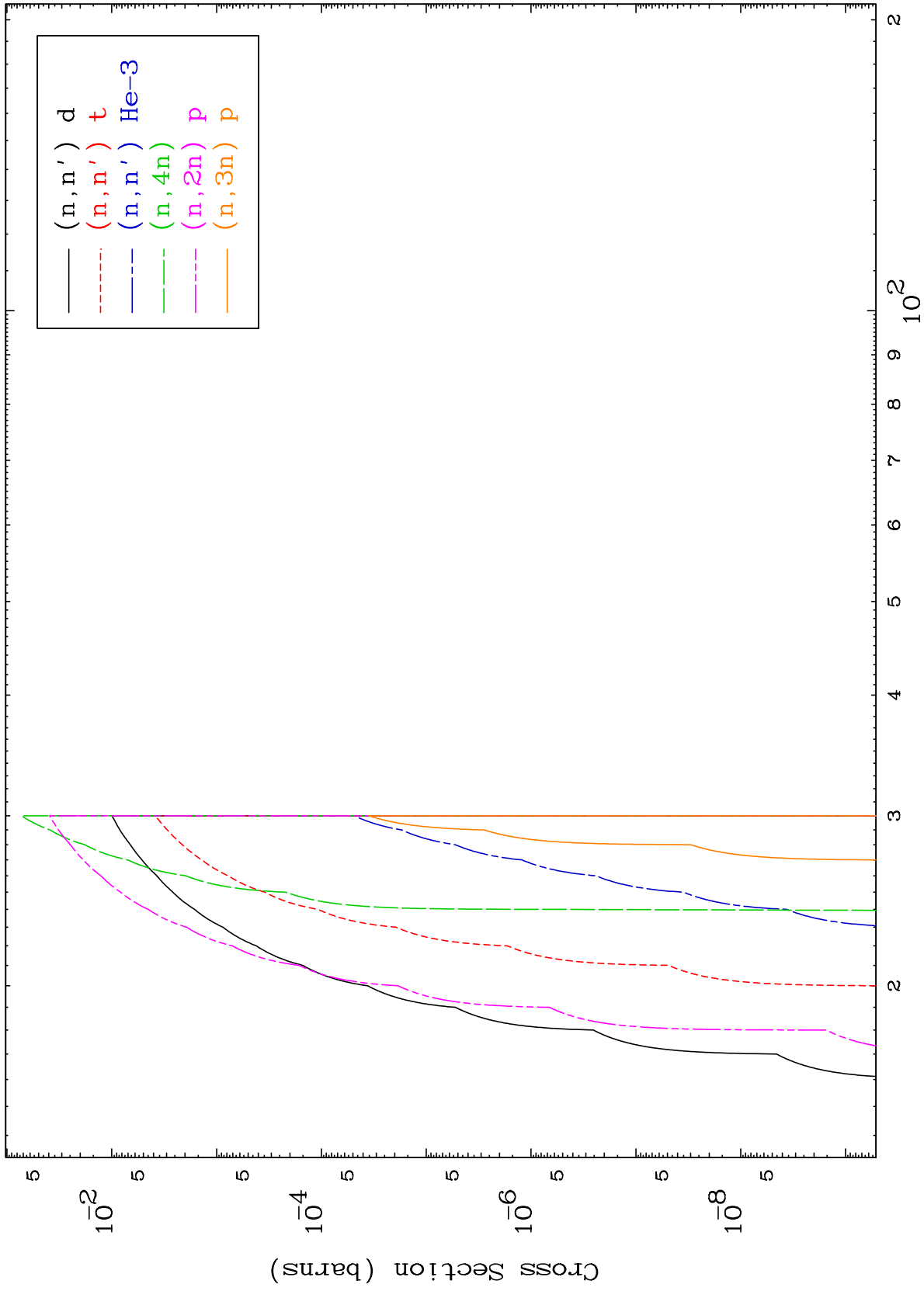
Incident Energy (MeV)

50-Sn-117

MAT 5041

Neutron Production
293 Kelvin Cross Sections

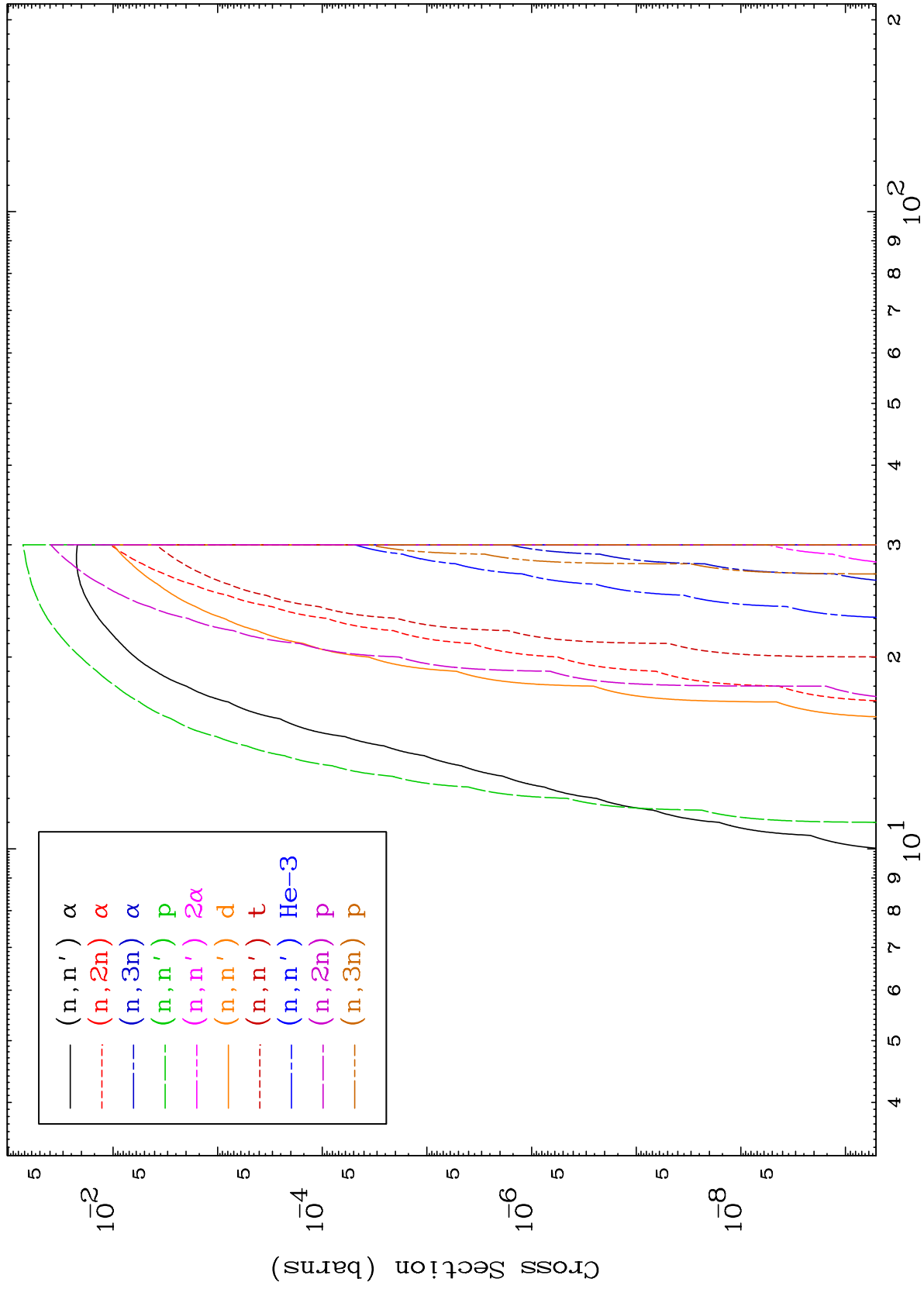
50-Sn-117



3

Incident Energy (MeV)

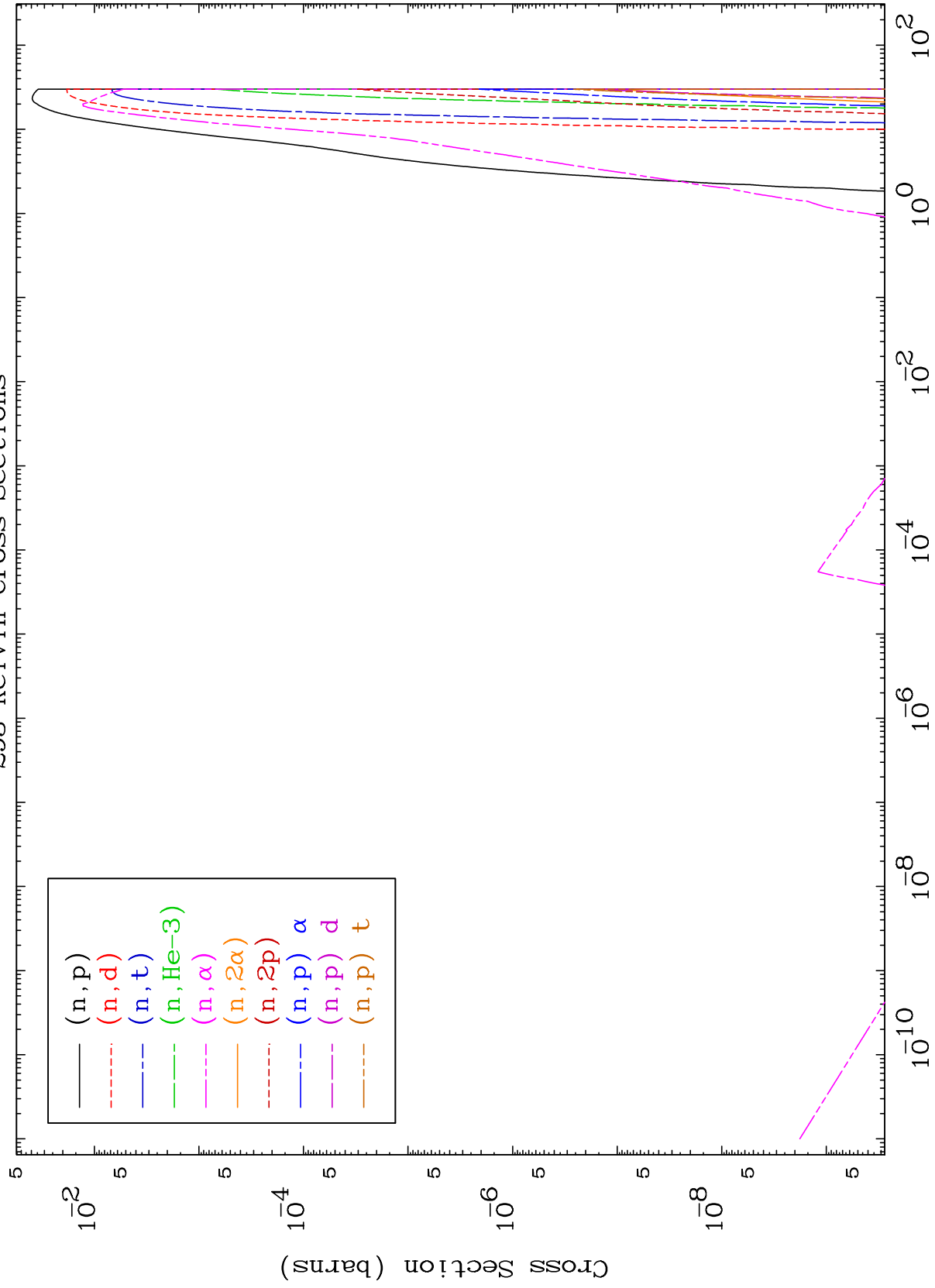
50-Sn-117



MAT 5041

293 Kelvin Cross Sections

50-Sn-117



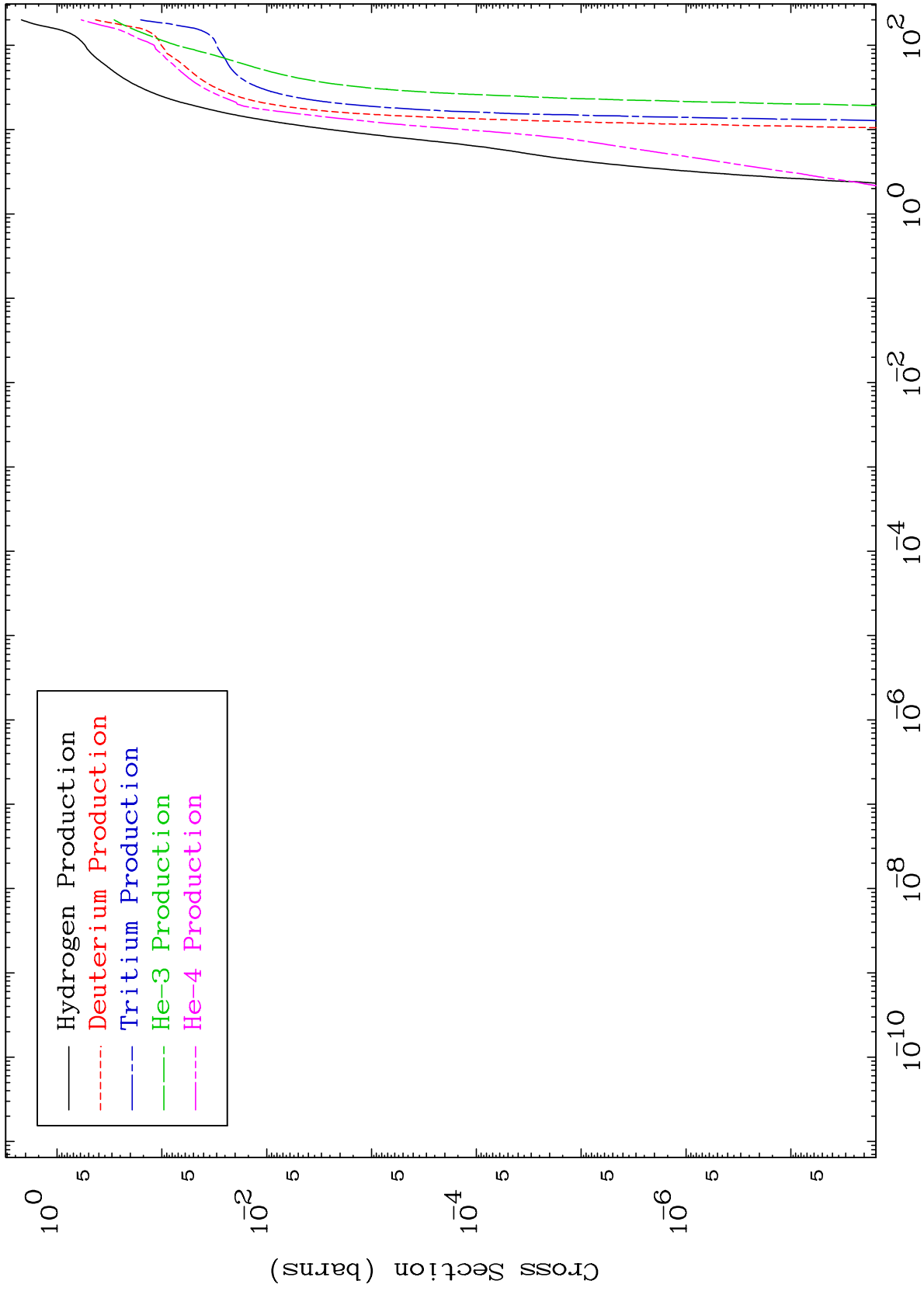
5

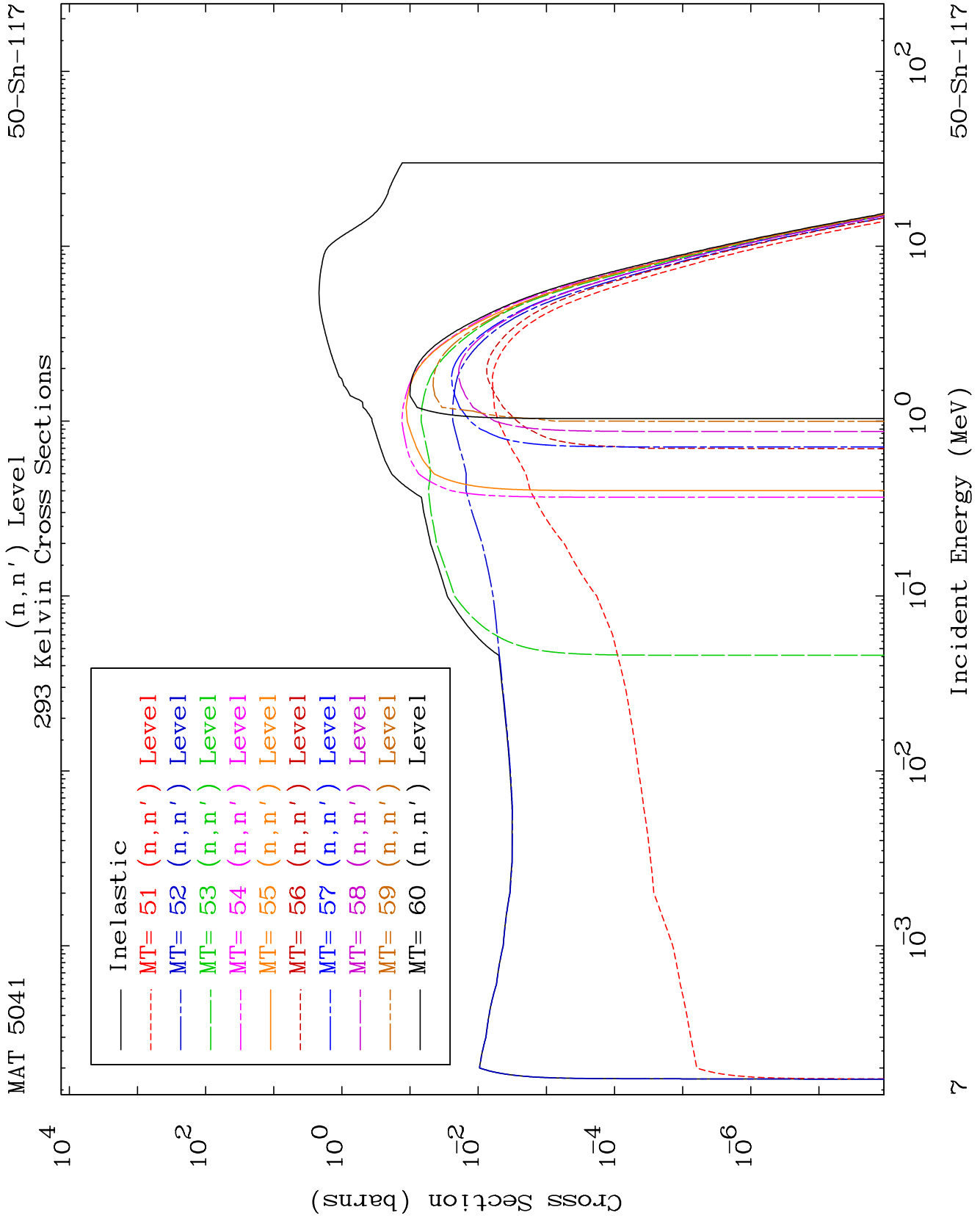
50-Sn-117

MAT 5041

Particle Production
293 Kelvin Cross Sections

50-Sn-117



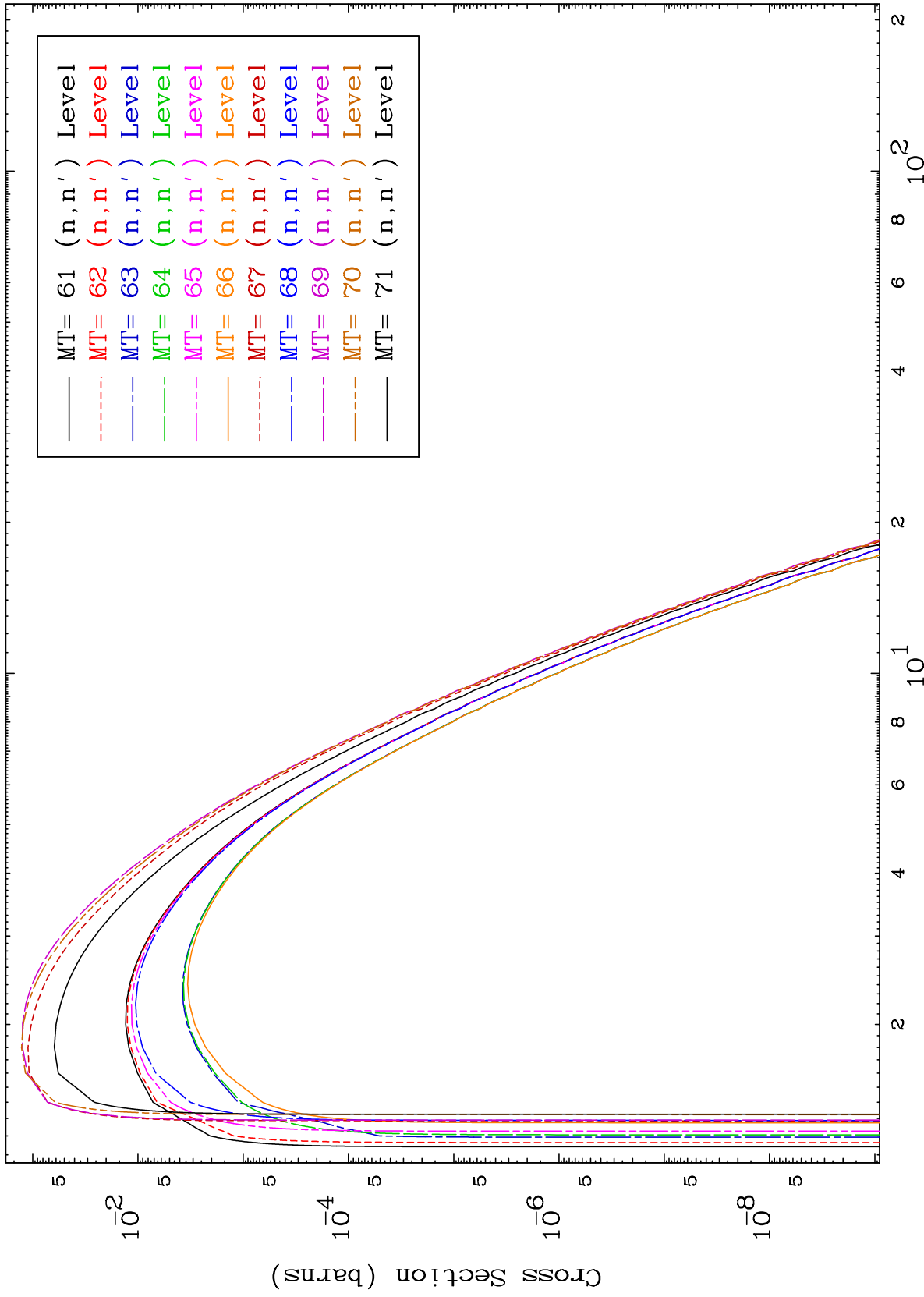


MAT 5041

(n,n') Level

50-Sn-117

293 Kelvin Cross Sections



8

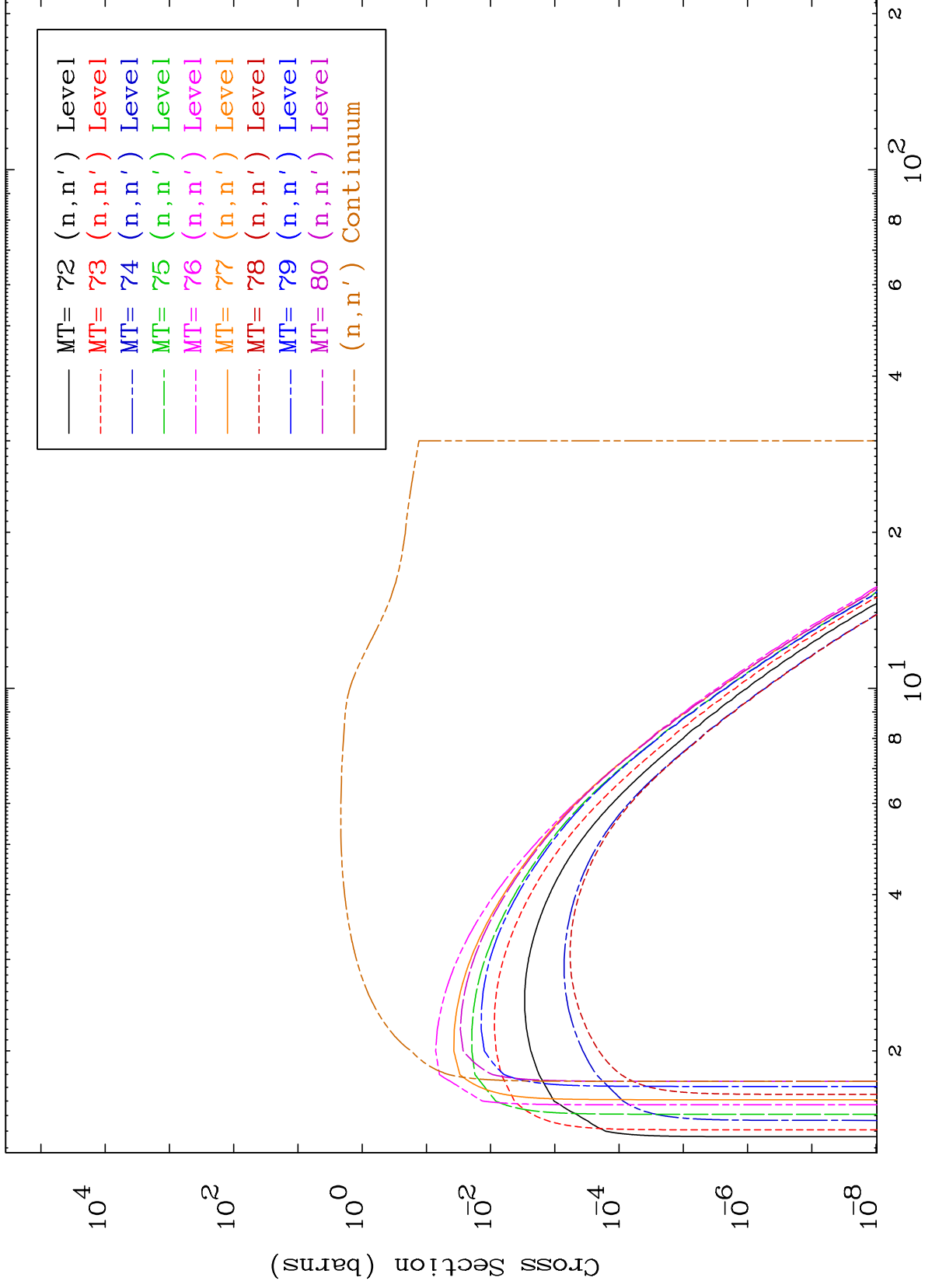
Incident Energy (MeV)

50-Sn-117

MAT 5041

(n,n') Level
293 Kelvin Cross Sections

50-Sn-117



9

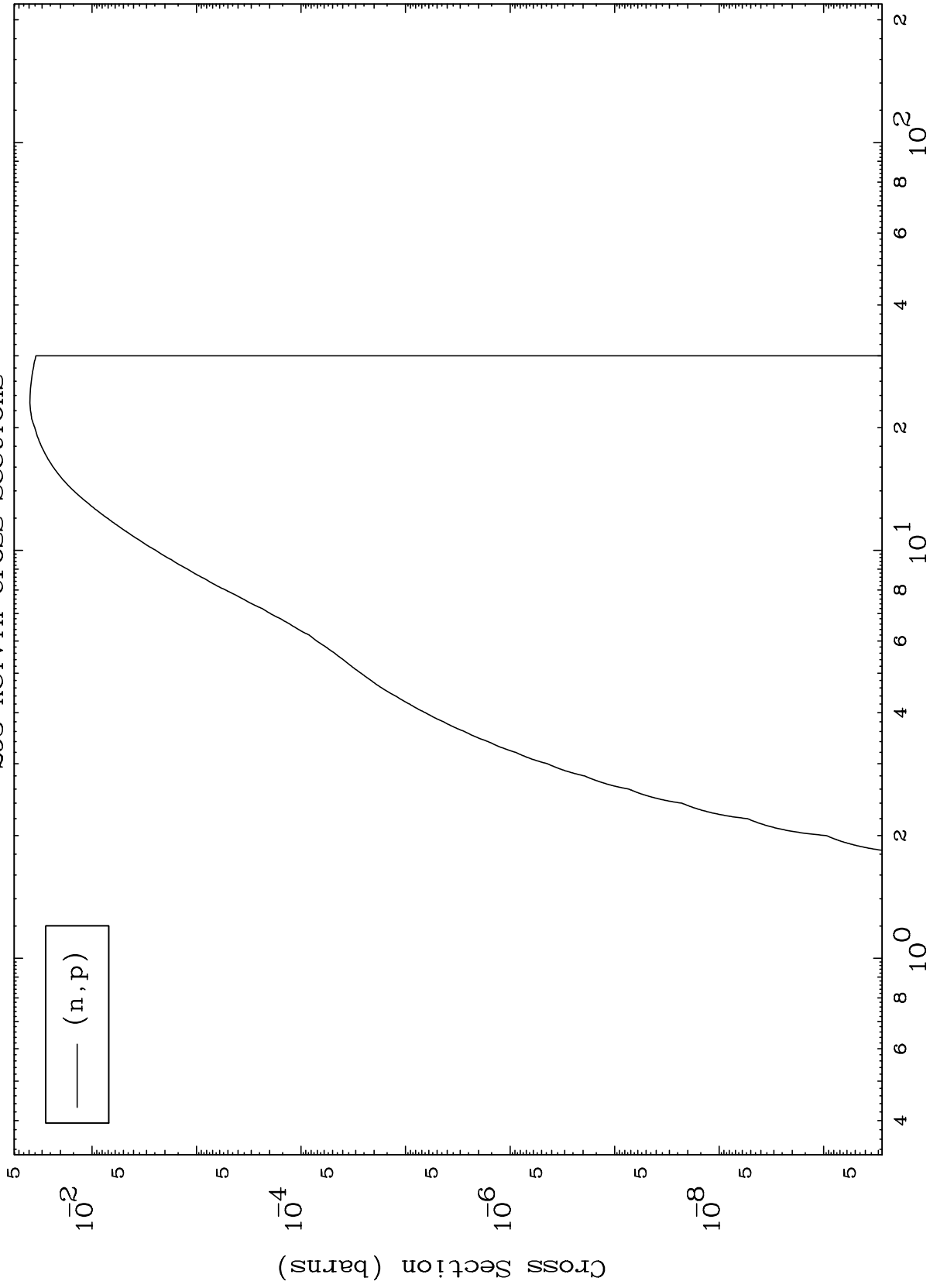
Incident Energy (MeV)

50-Sn-117

MAT 5041

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-117



10

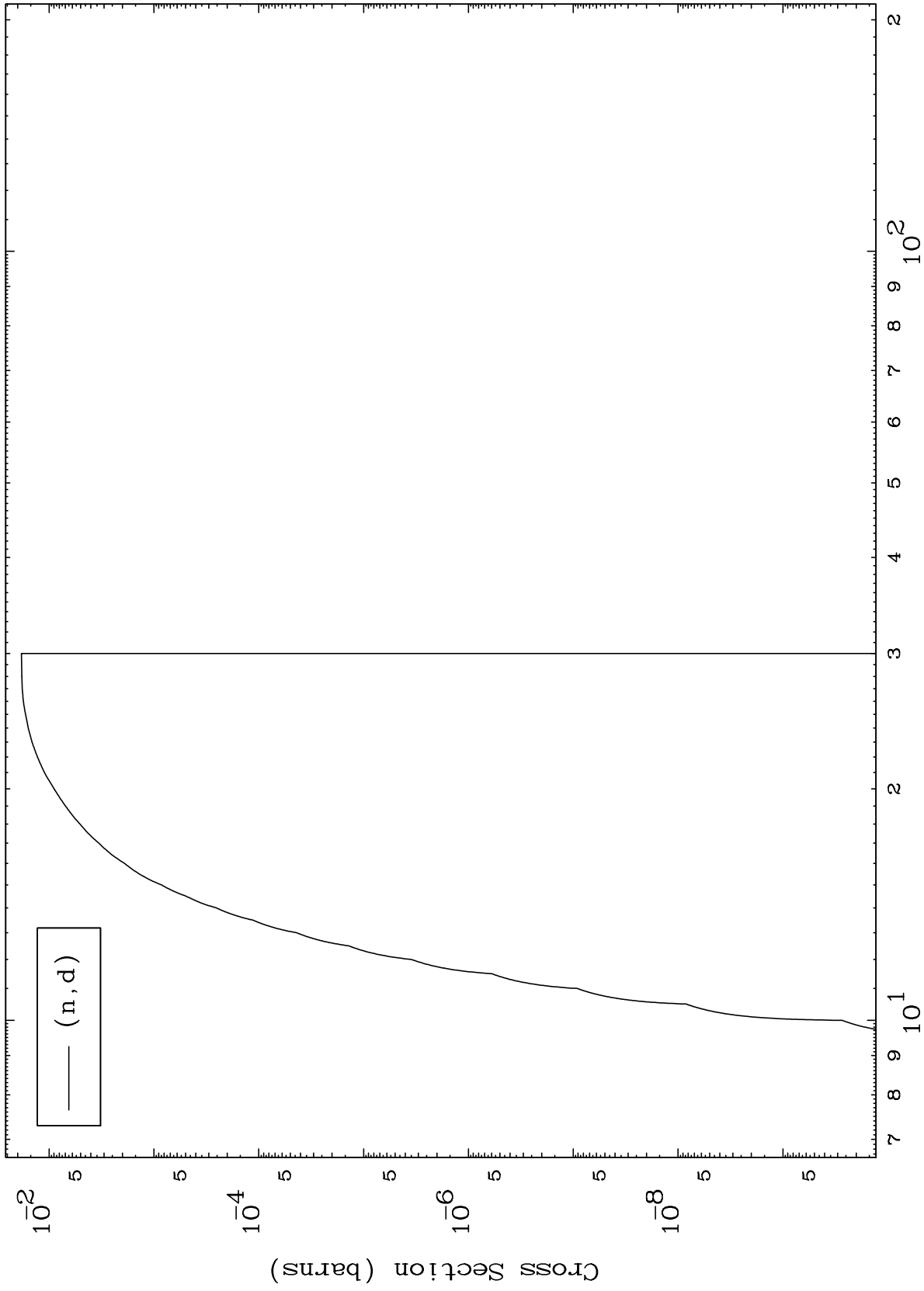
Incident Energy (MeV)

50-Sn-117

MAT 5041

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-117



11

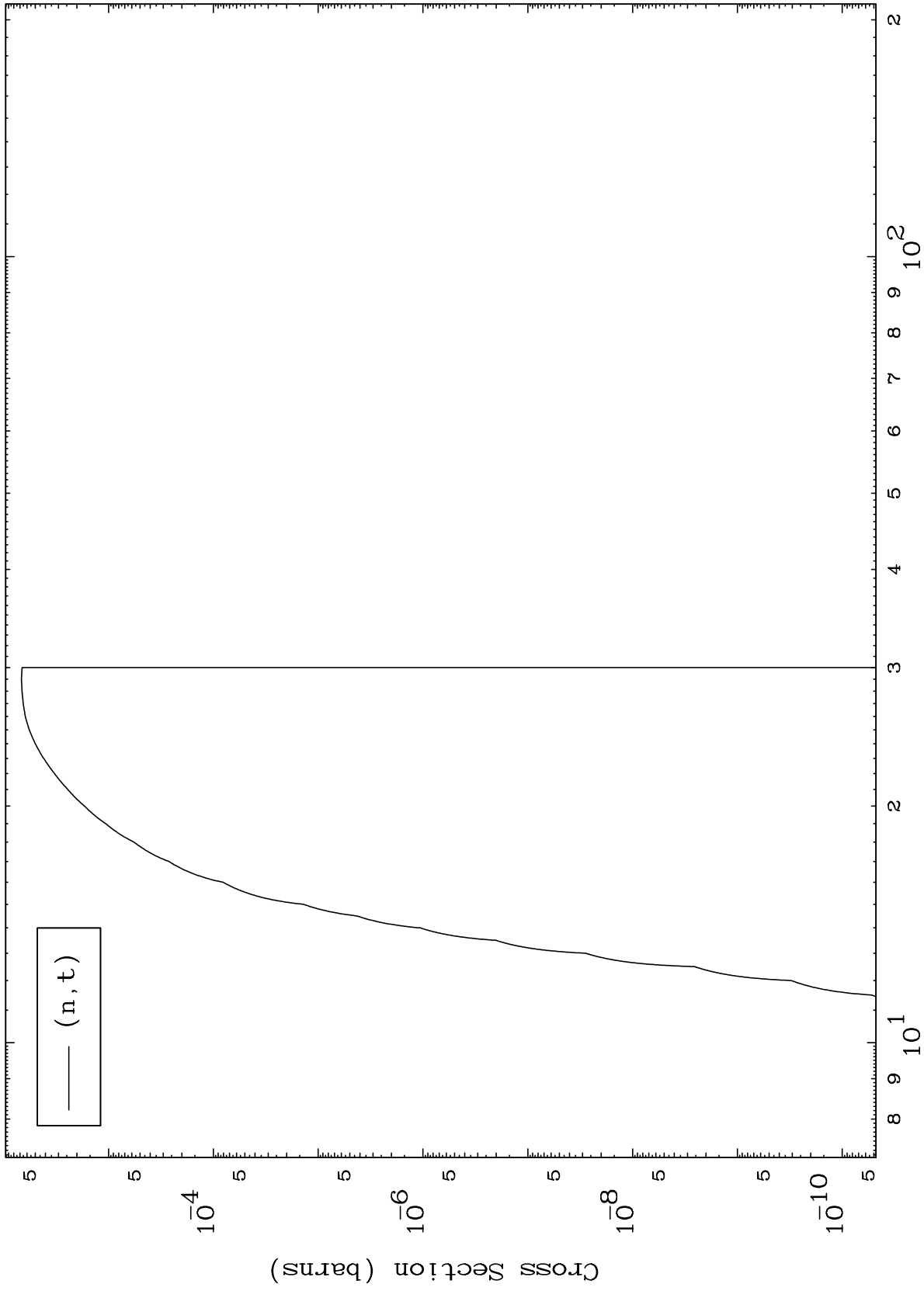
Incident Energy (MeV)

50-Sn-117

MAT 5041

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-117



12

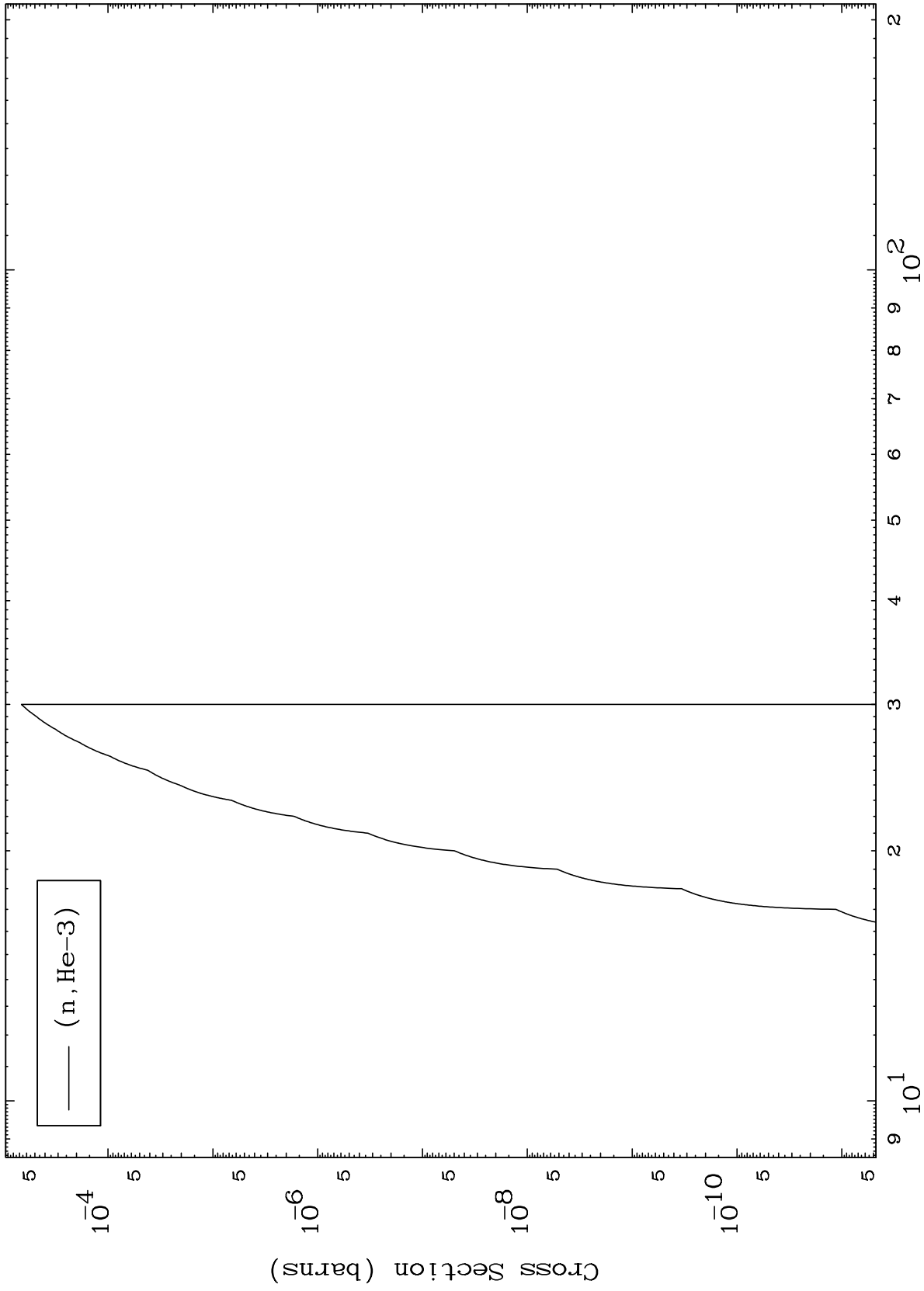
Incident Energy (MeV)

50-Sn-117

MAT 5041

(n,He3) Levels
293 Kelvin Cross Sections

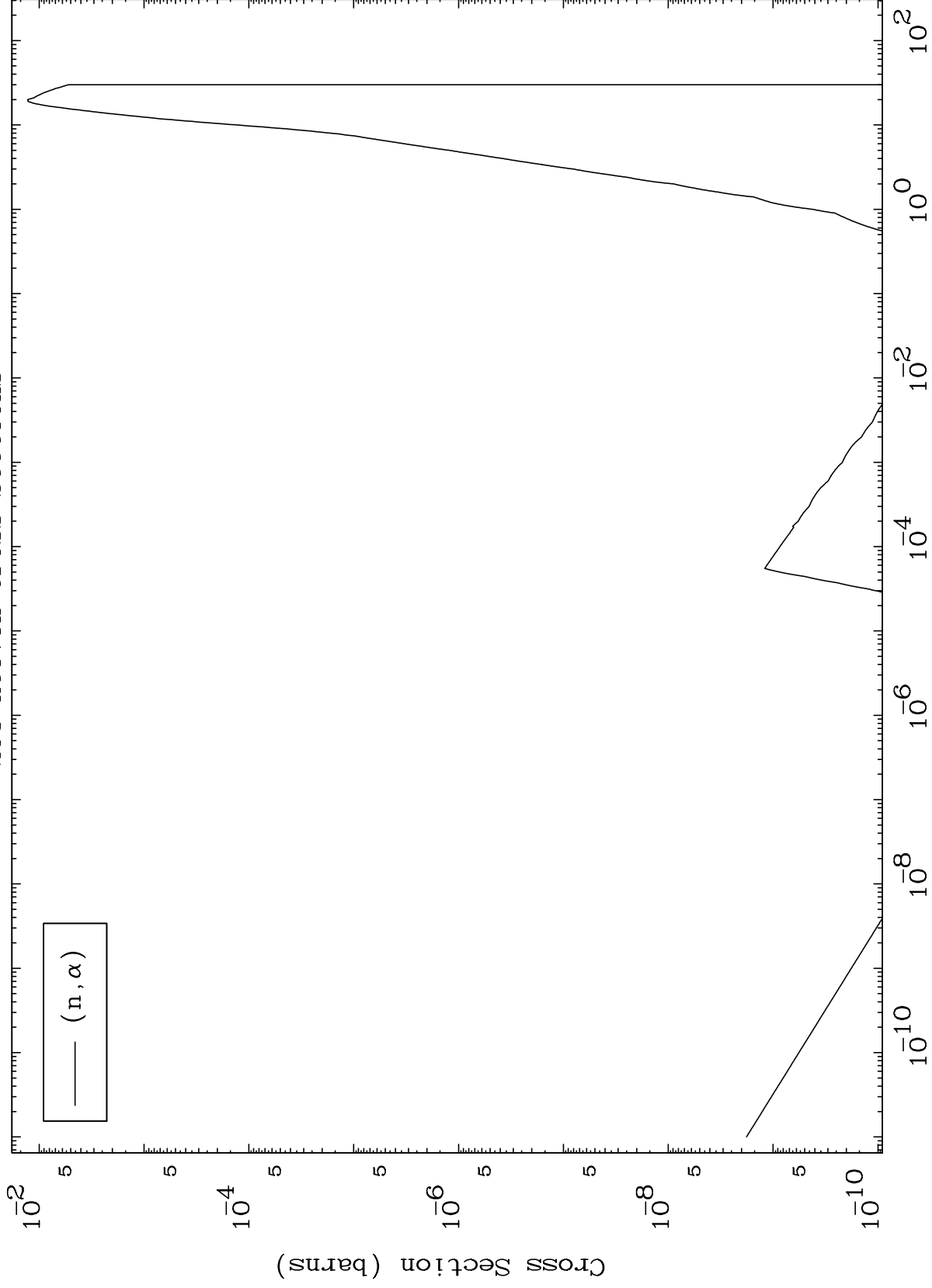
50-Sn-117

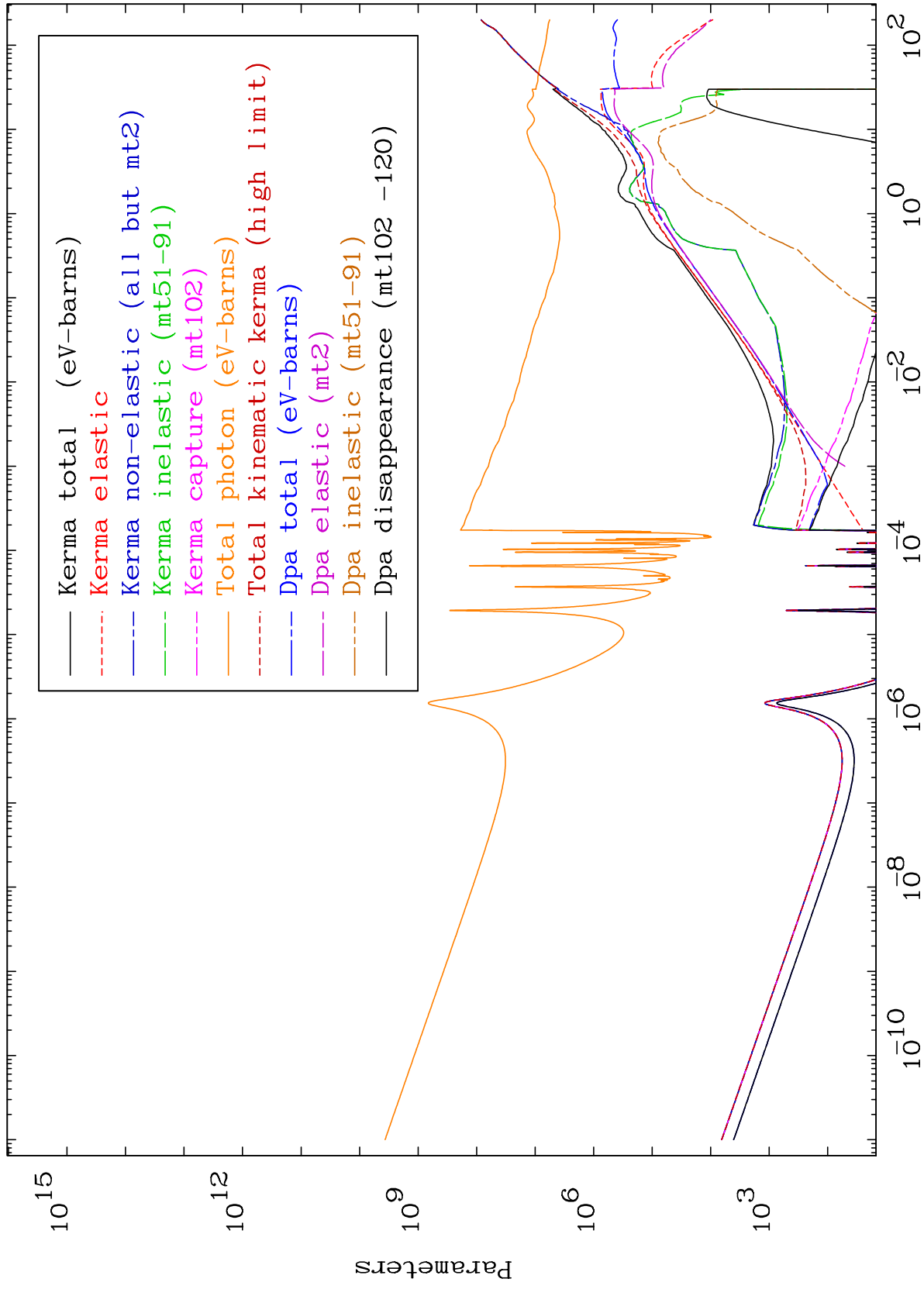


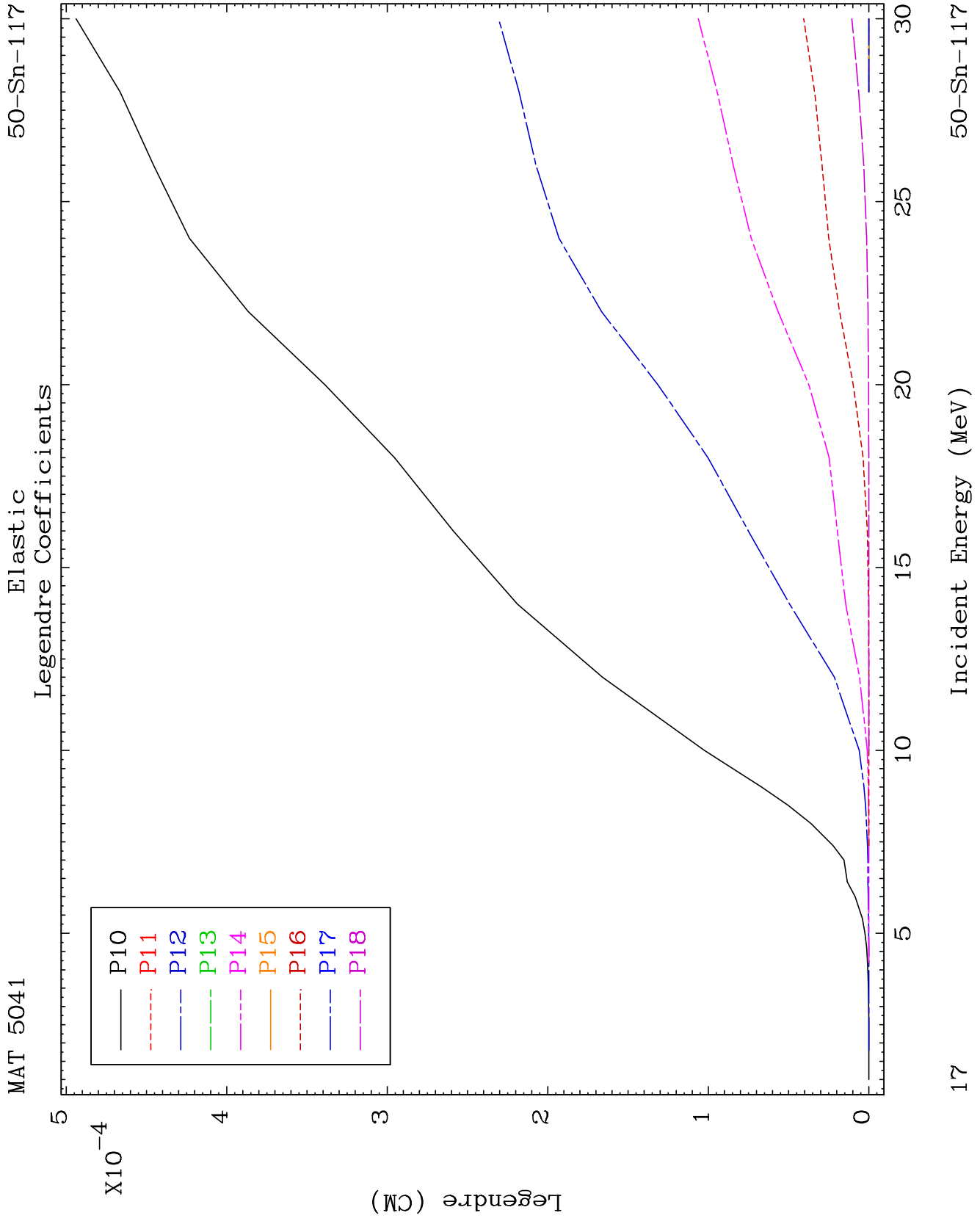
MAT 5041

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-117



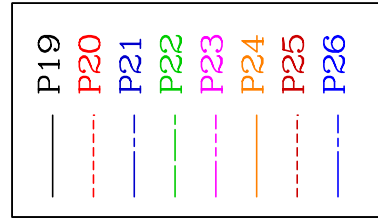




MAT 5041

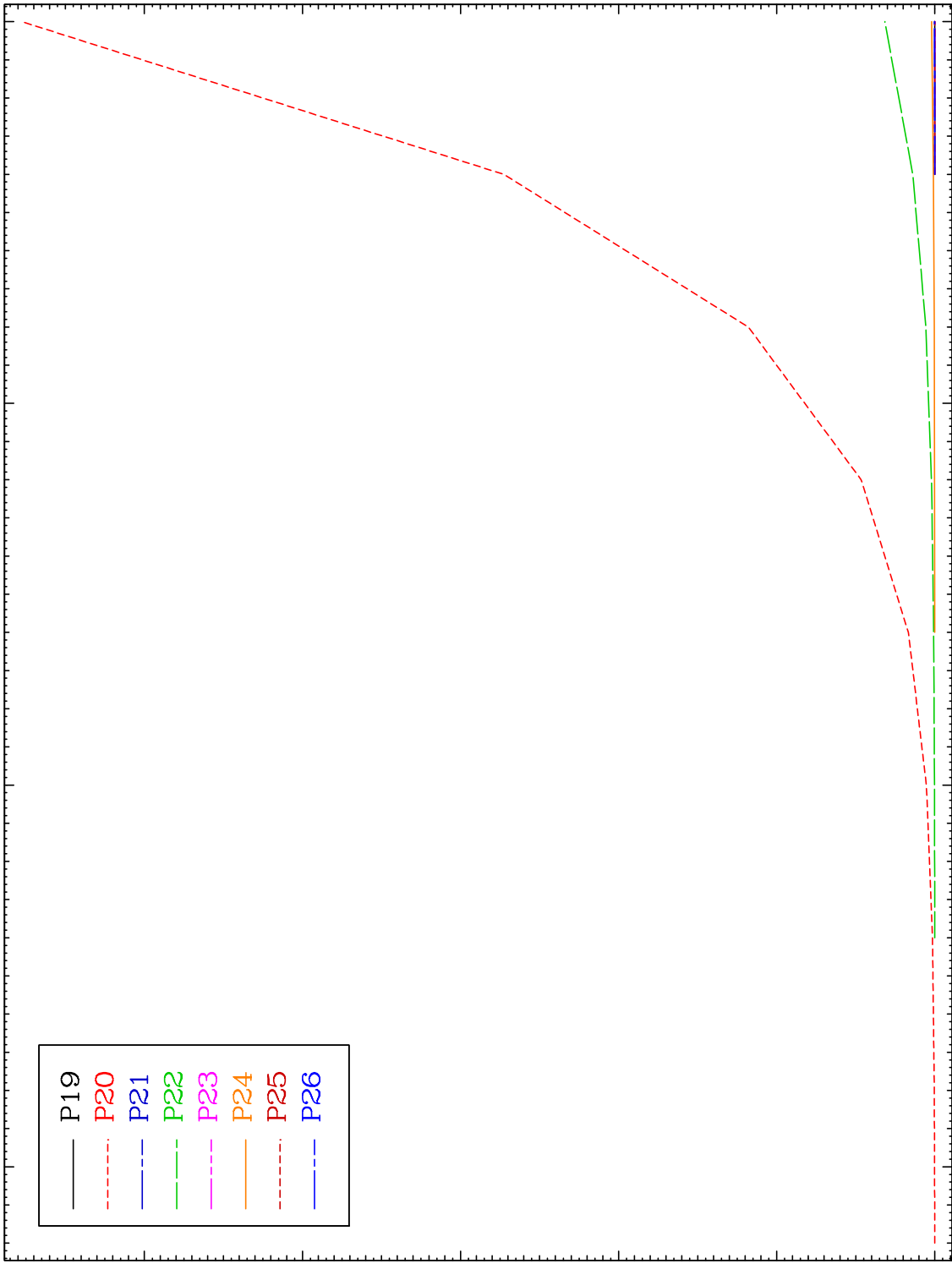
Elastic Legendre Coefficients

50-Sn-117



$\times 10^{-7}$

Legendre (CM)



18

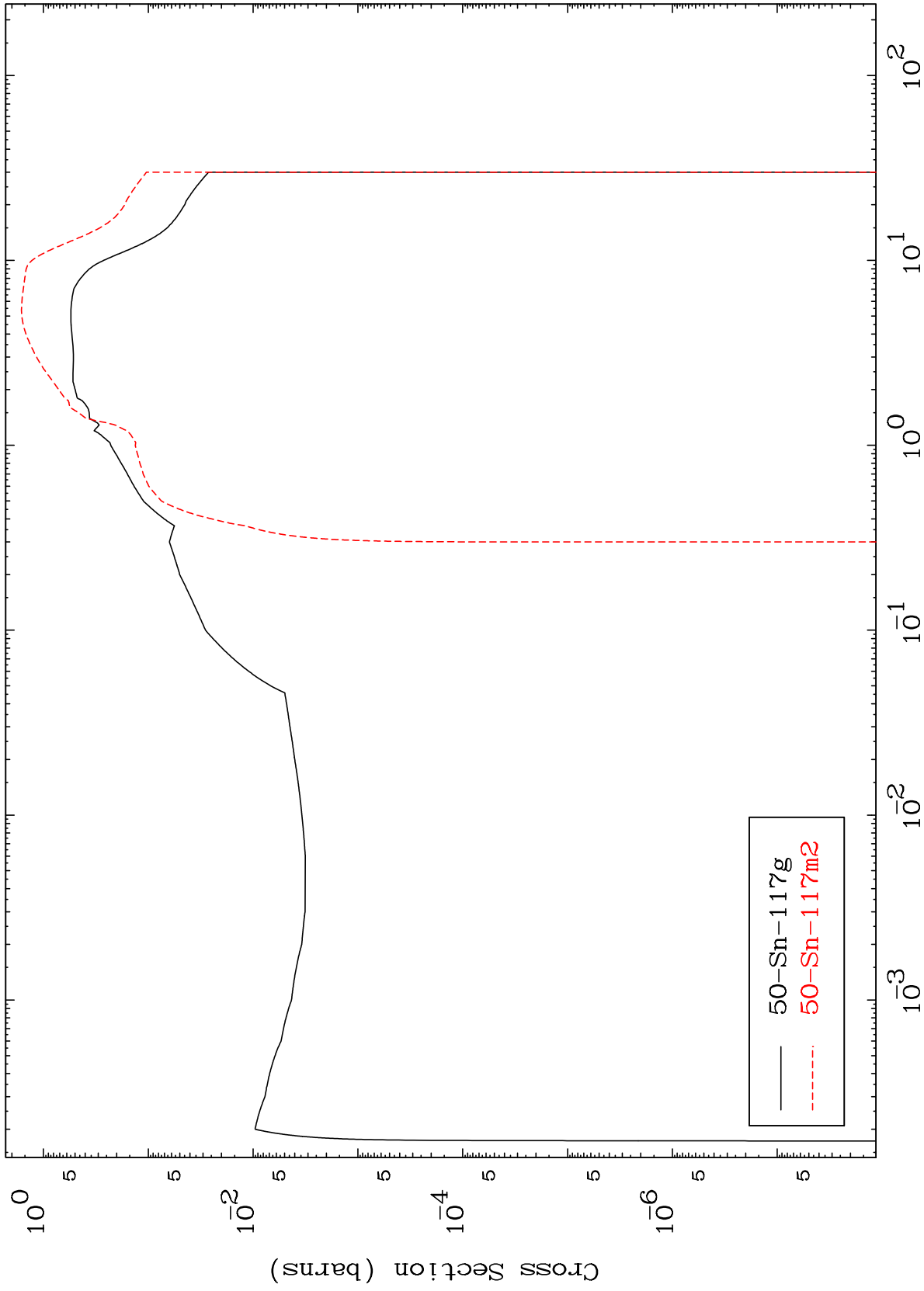
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

Inelastic
Radionuclide Production Cross Section



19

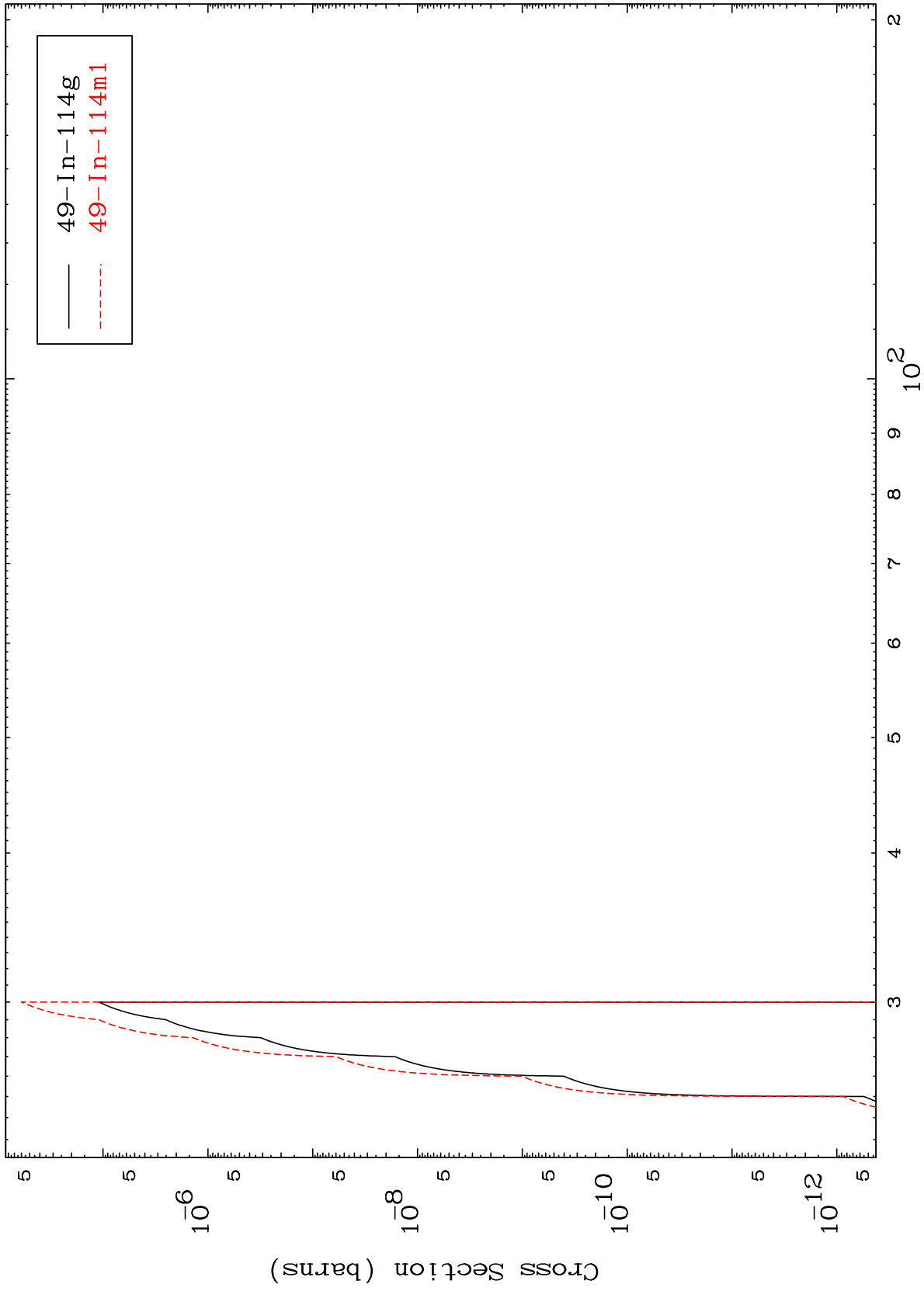
50-Sn-117

MAT 5041

(n,2n) d

50-Sn-117

Radionuclide Production Cross Section



20

Incident Energy (MeV)

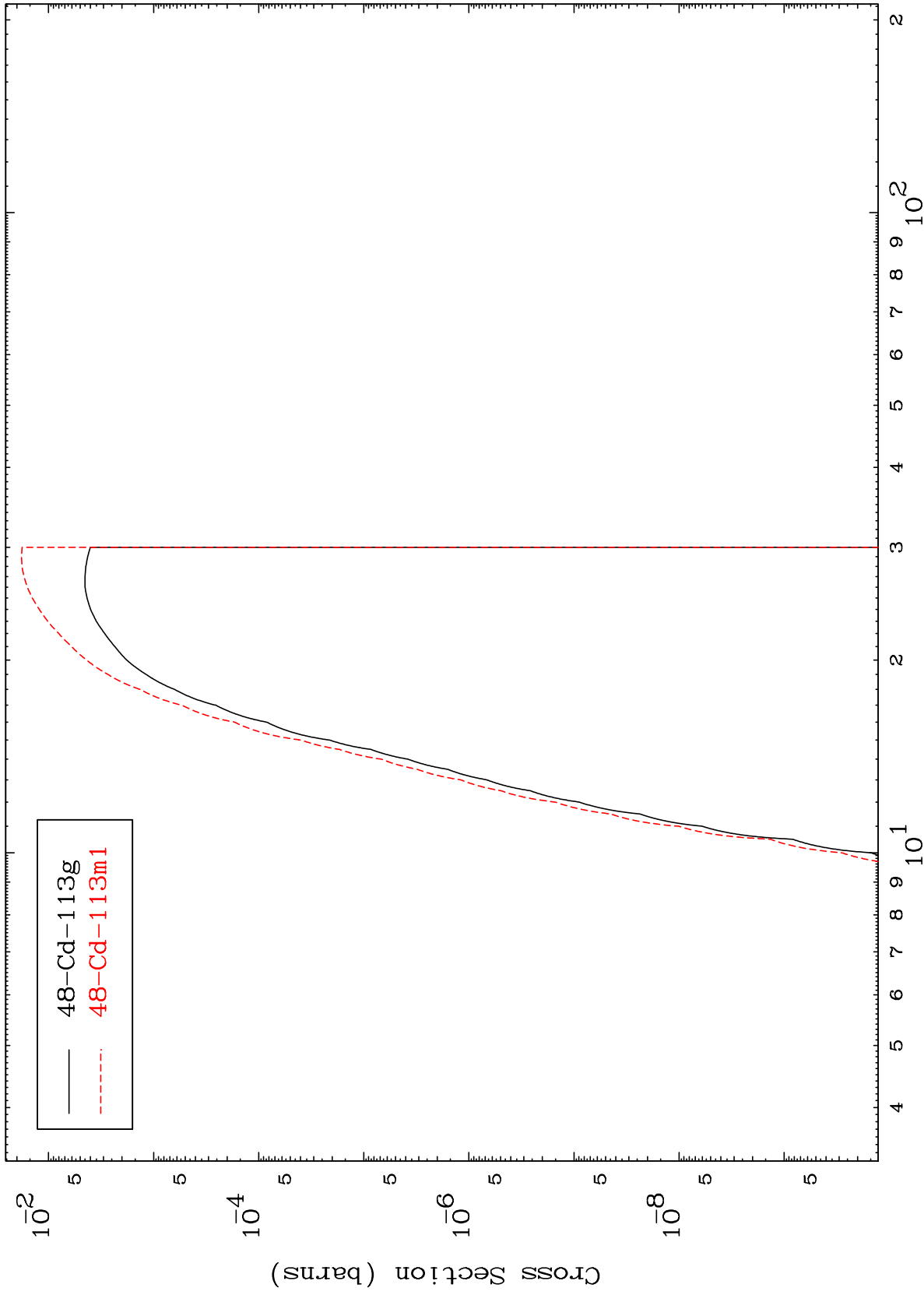
50-Sn-117

MAT 5041

(n,n') α

50-Sn-117

Radionuclide Production Cross Section

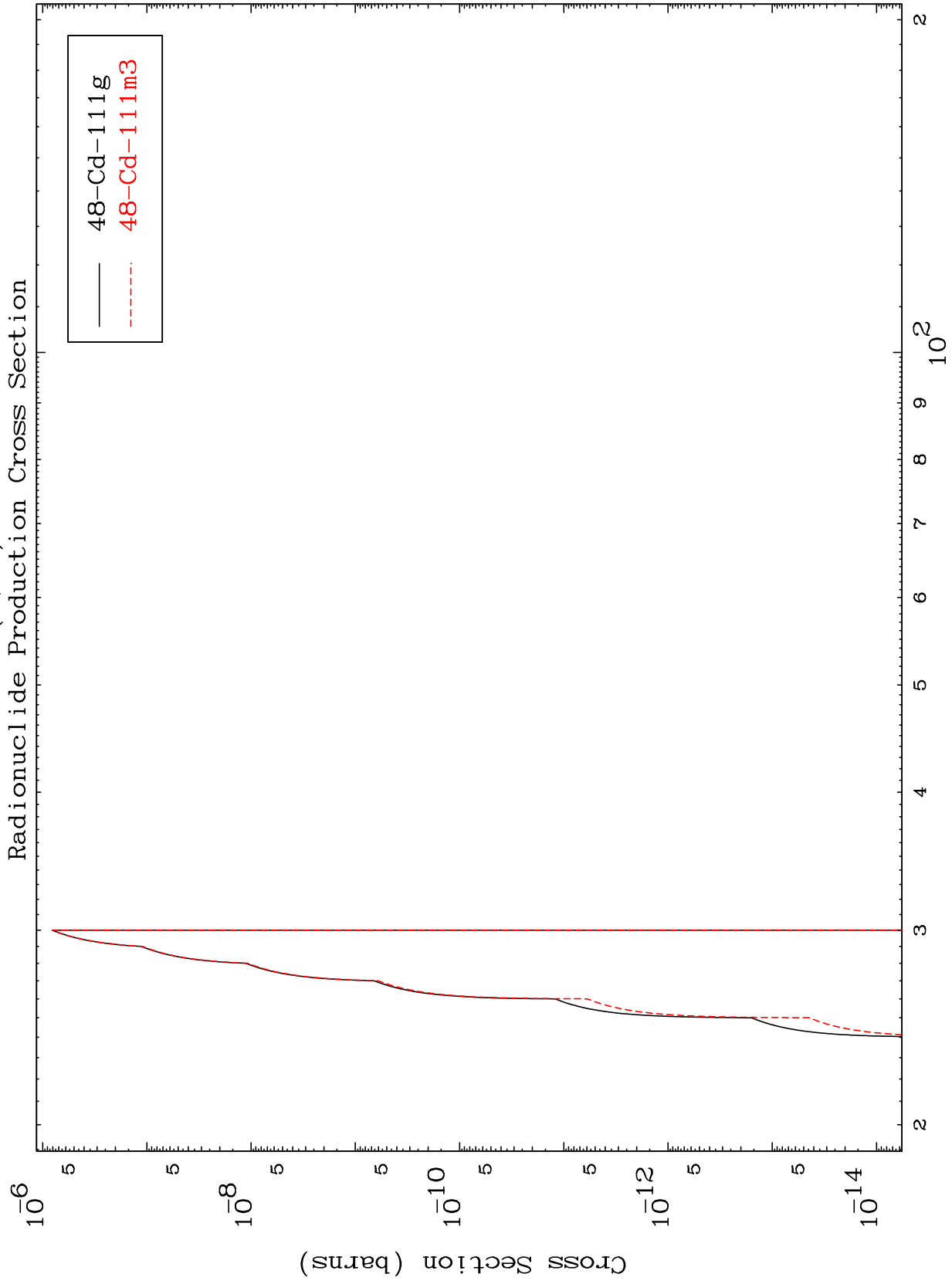


48-Cd-113g
48-Cd-113m1

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(n,3n) α

50-Sn-117



22

Incident Energy (MeV)

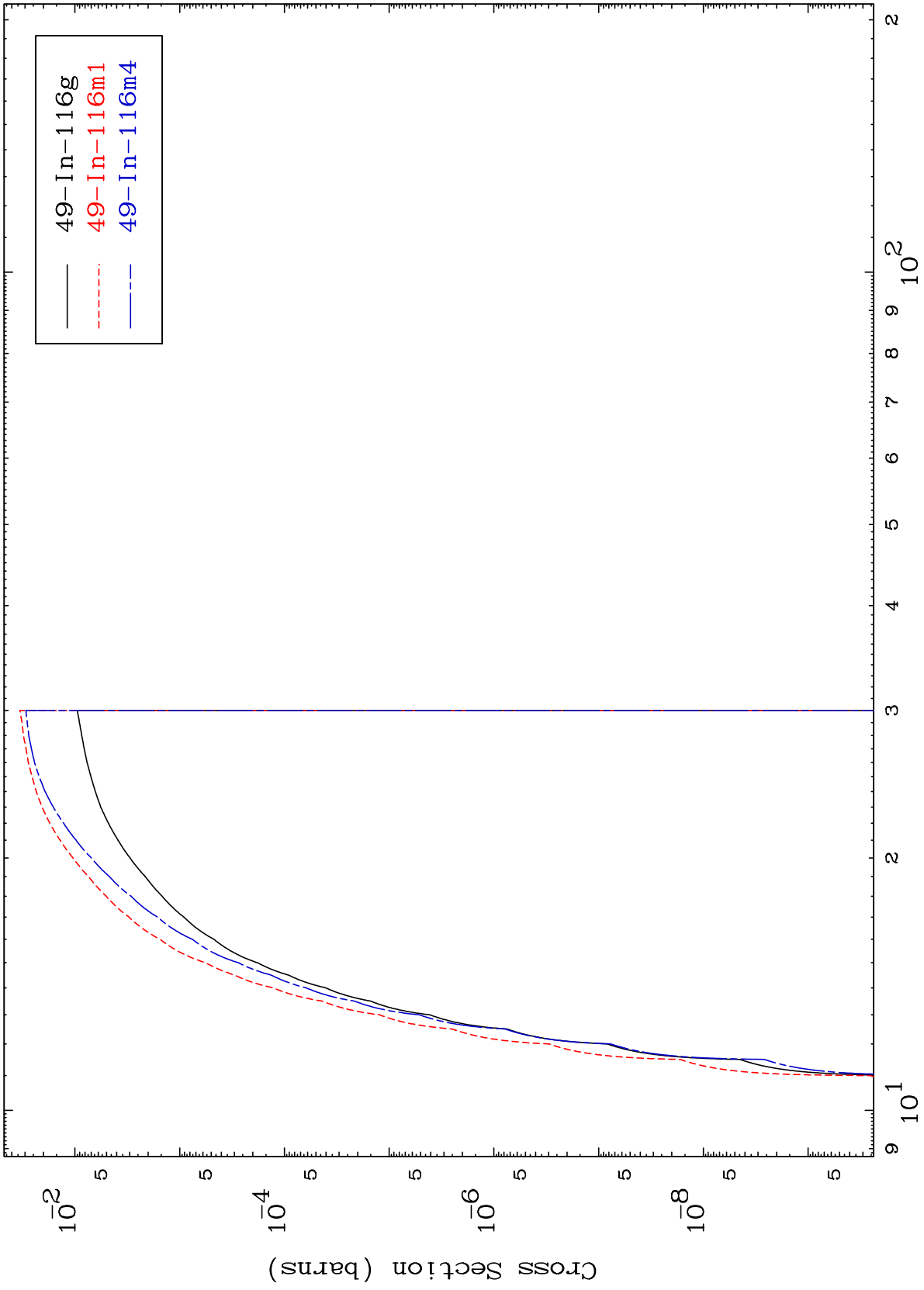
50-Sn-117

MAT 5041

(n,n') p

50-Sn-117

Radionuclide Production Cross Section



23

Incident Energy (MeV)

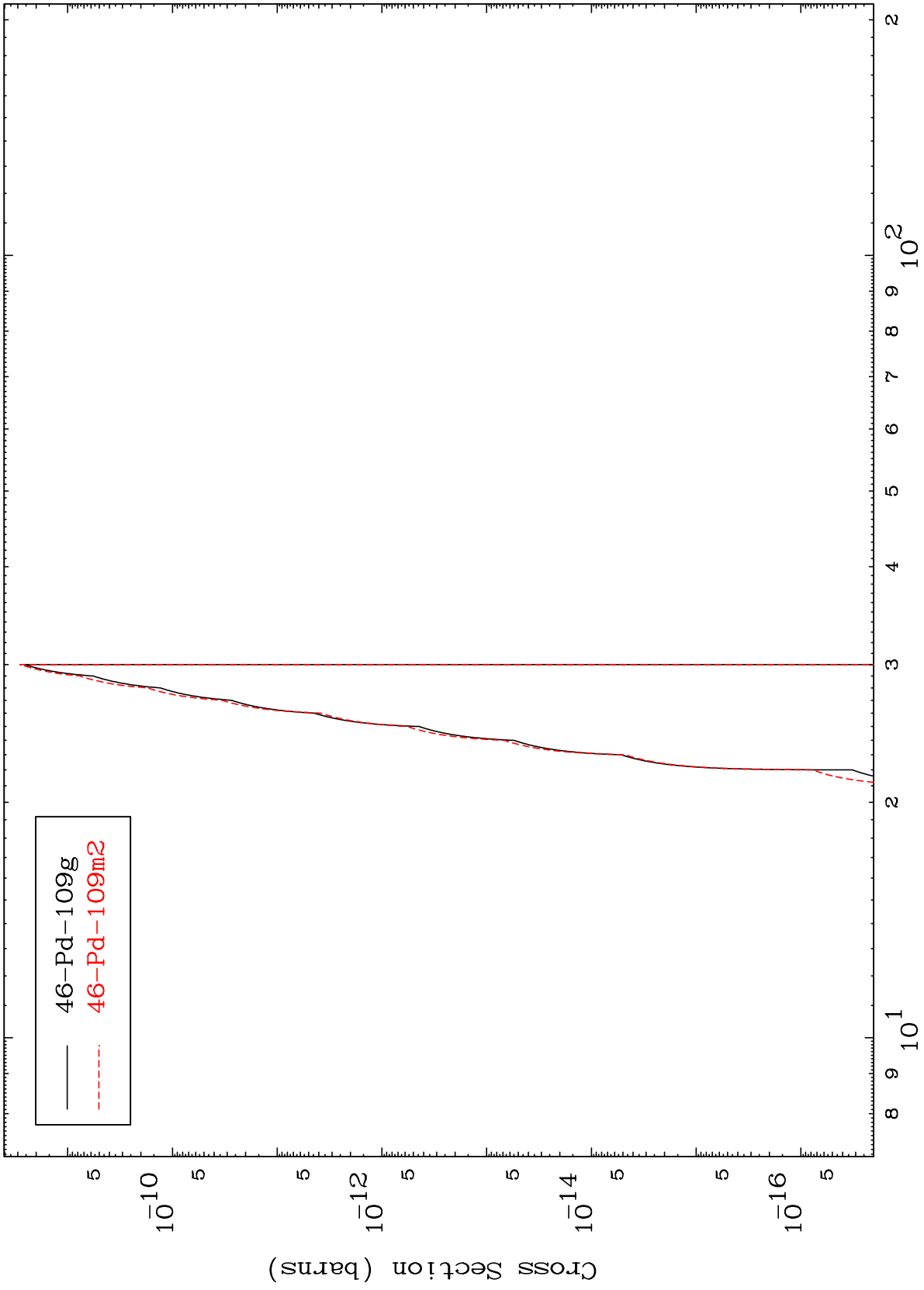
50-Sn-117

MAT 5041

(n,n') 2α

50-Sn-117

Radionuclide Production Cross Section



24

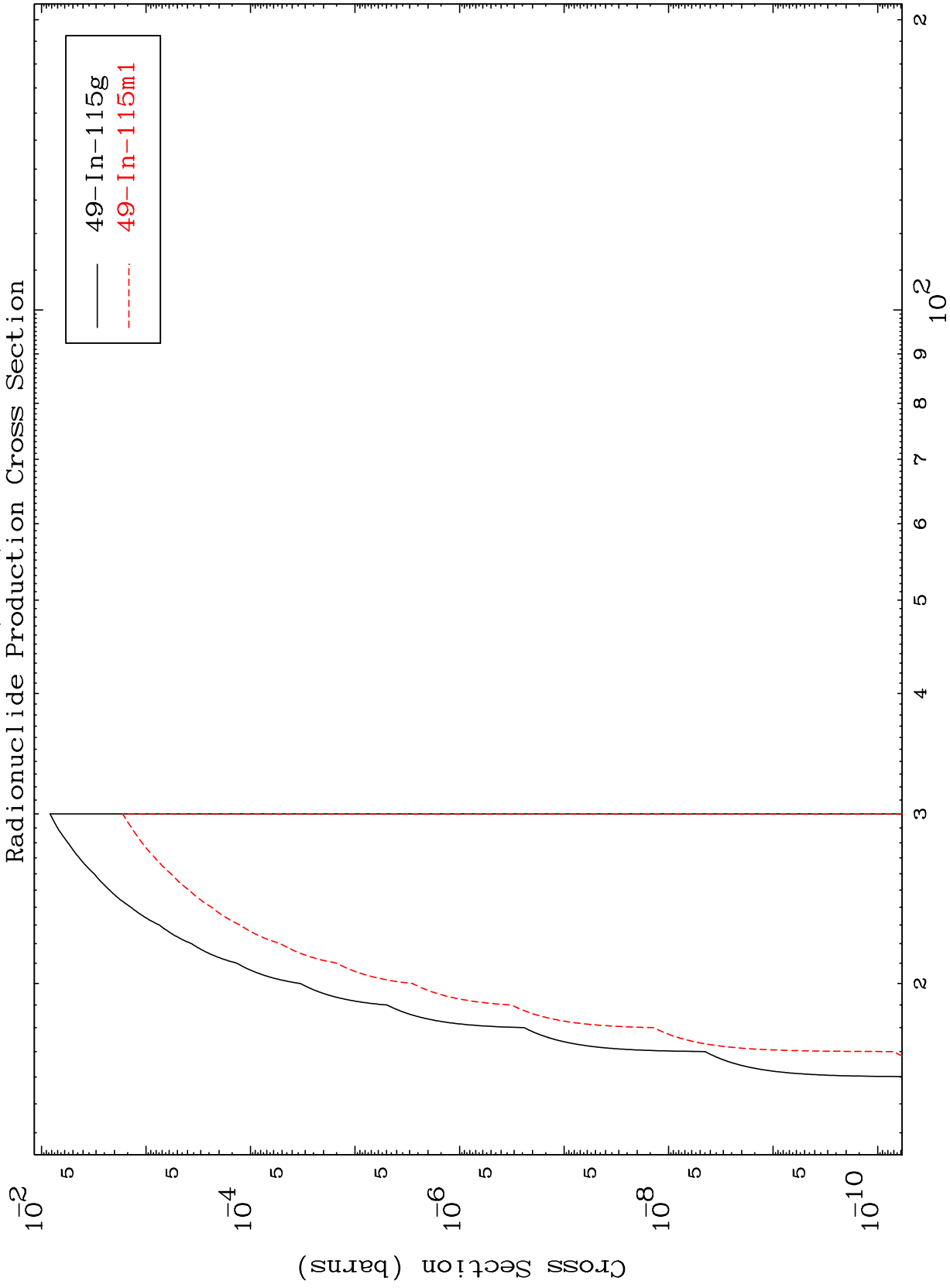
Incident Energy (MeV)

50-Sn-117

MAT 5041

(n,n') d

50-Sn-117



25

50-Sn-117

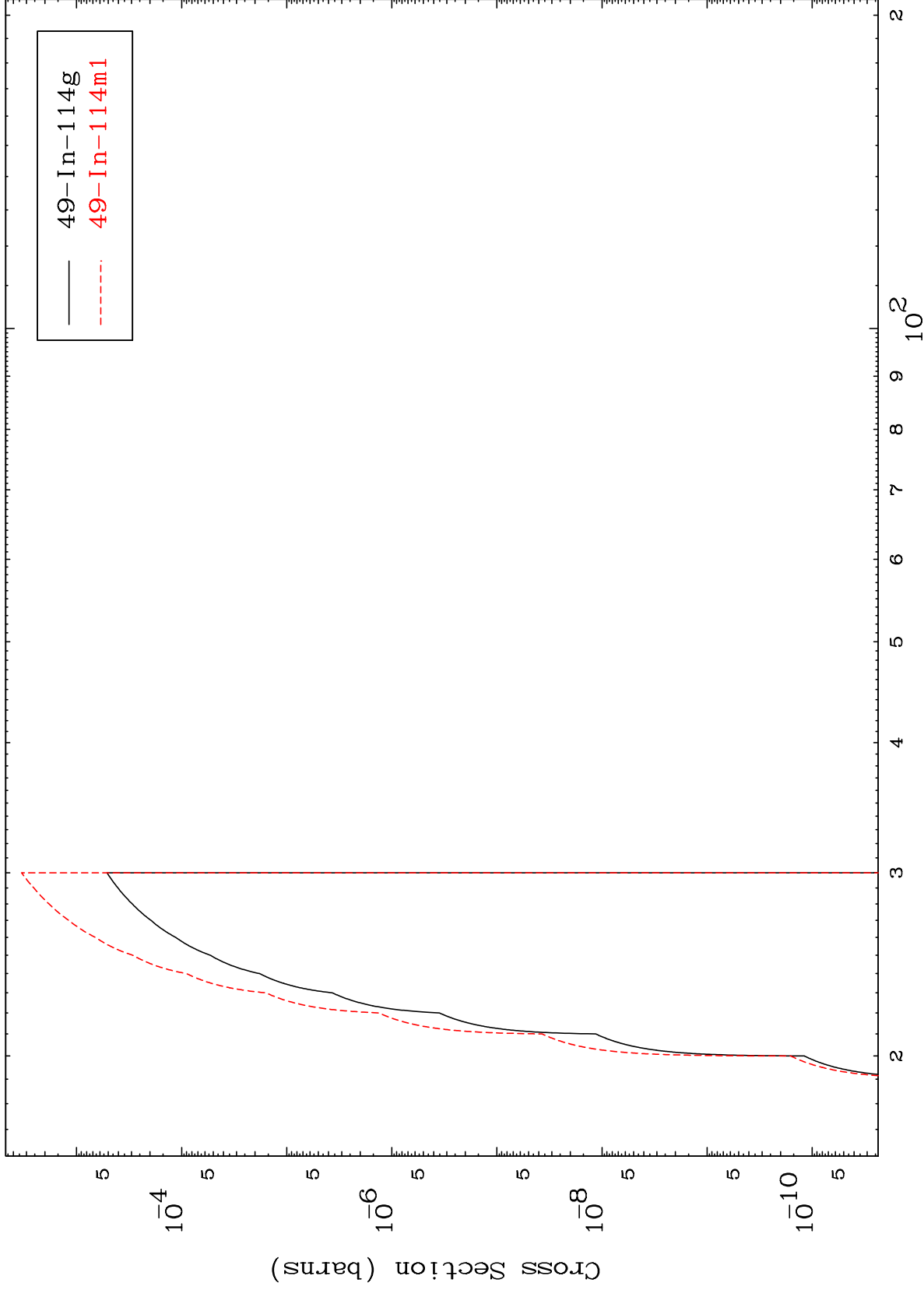
50-Sn-117

MAT 5041

(n,n') t

50-Sn-117

Radionuclide Production Cross Section



26

Incident Energy (MeV)

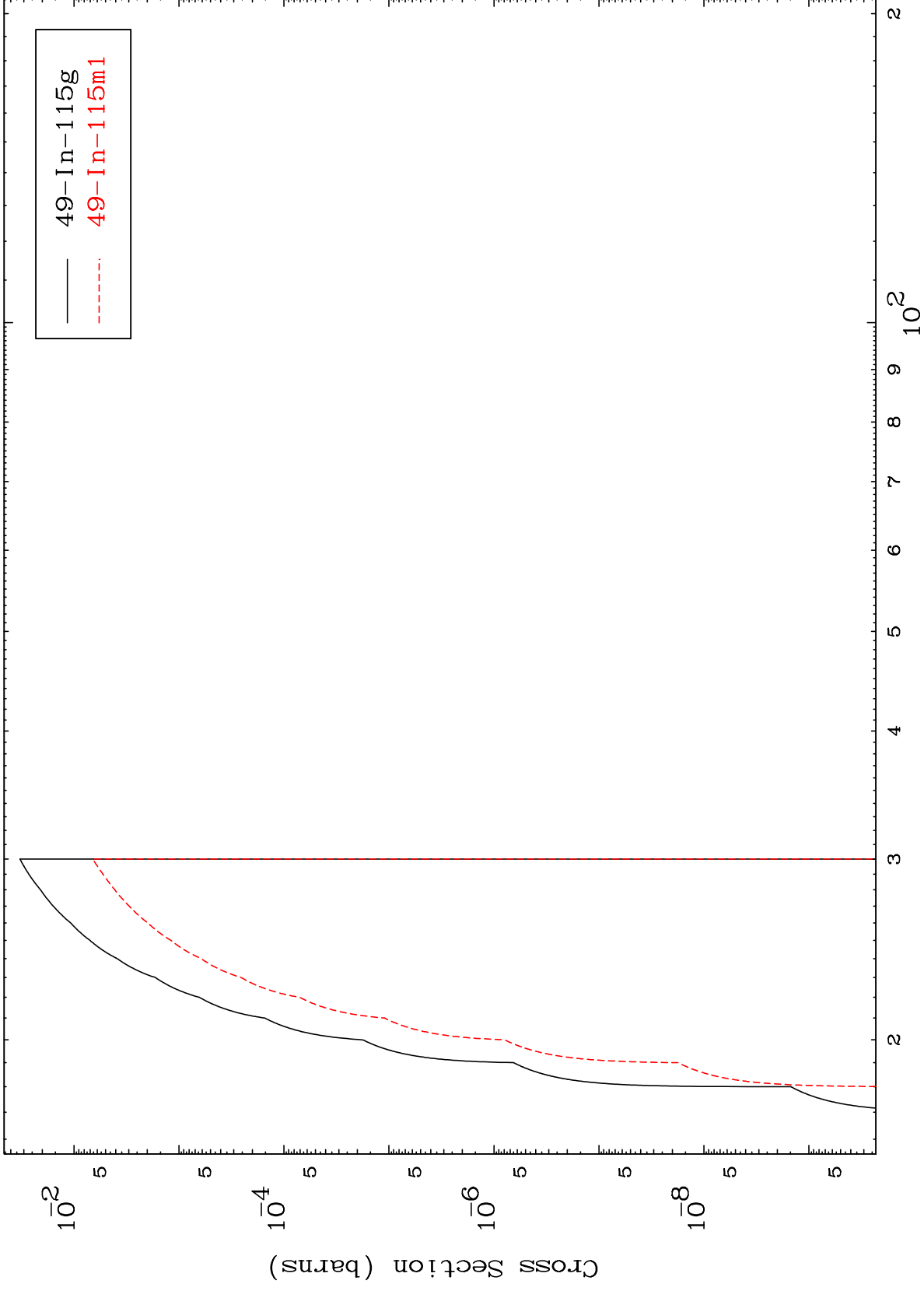
50-Sn-117

MAT 5041

(n,2n) p

50-Sn-117

Radionuclide Production Cross Section



27

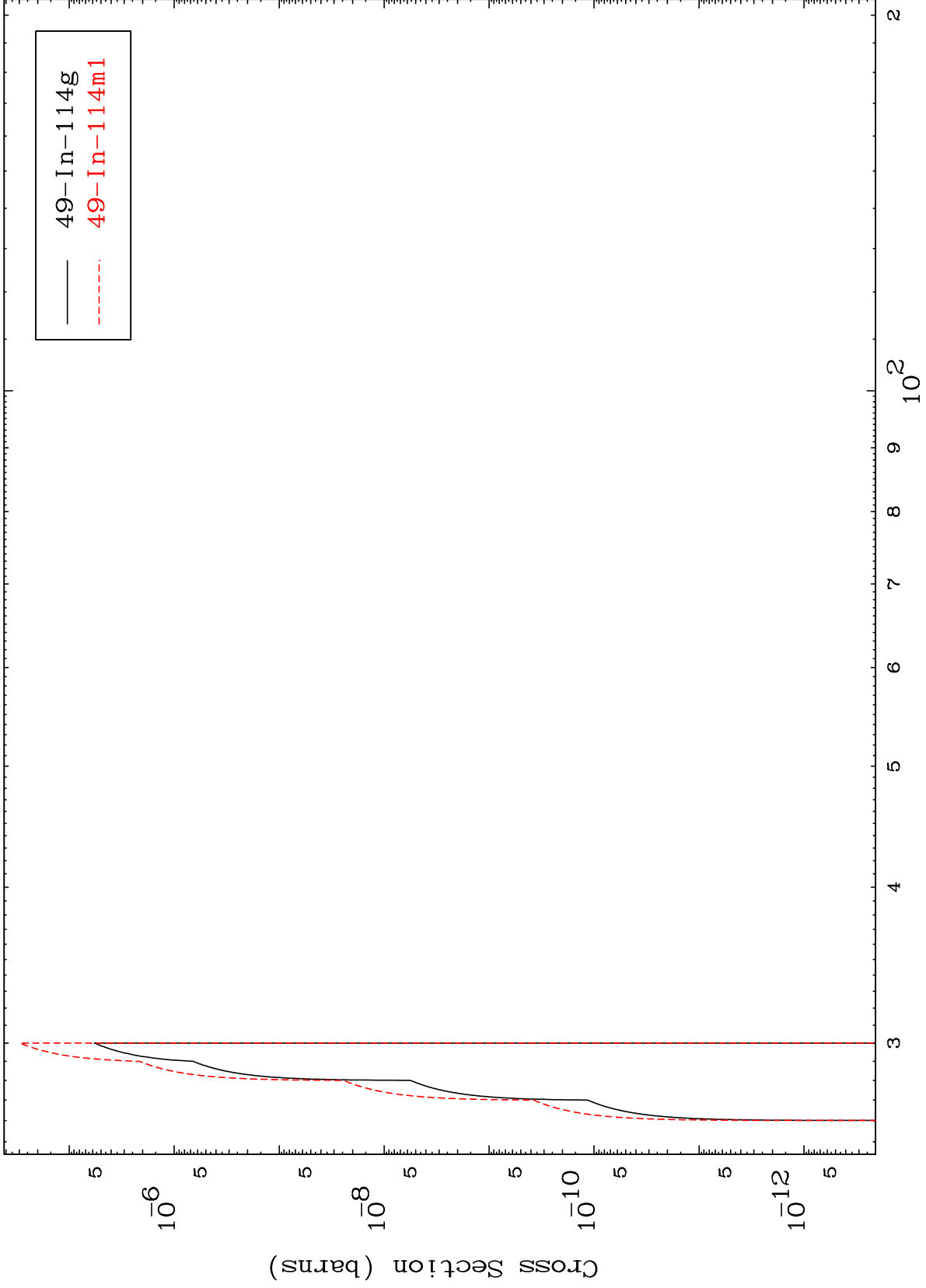
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

(n,3n) p
Radionuclide Production Cross Section



28

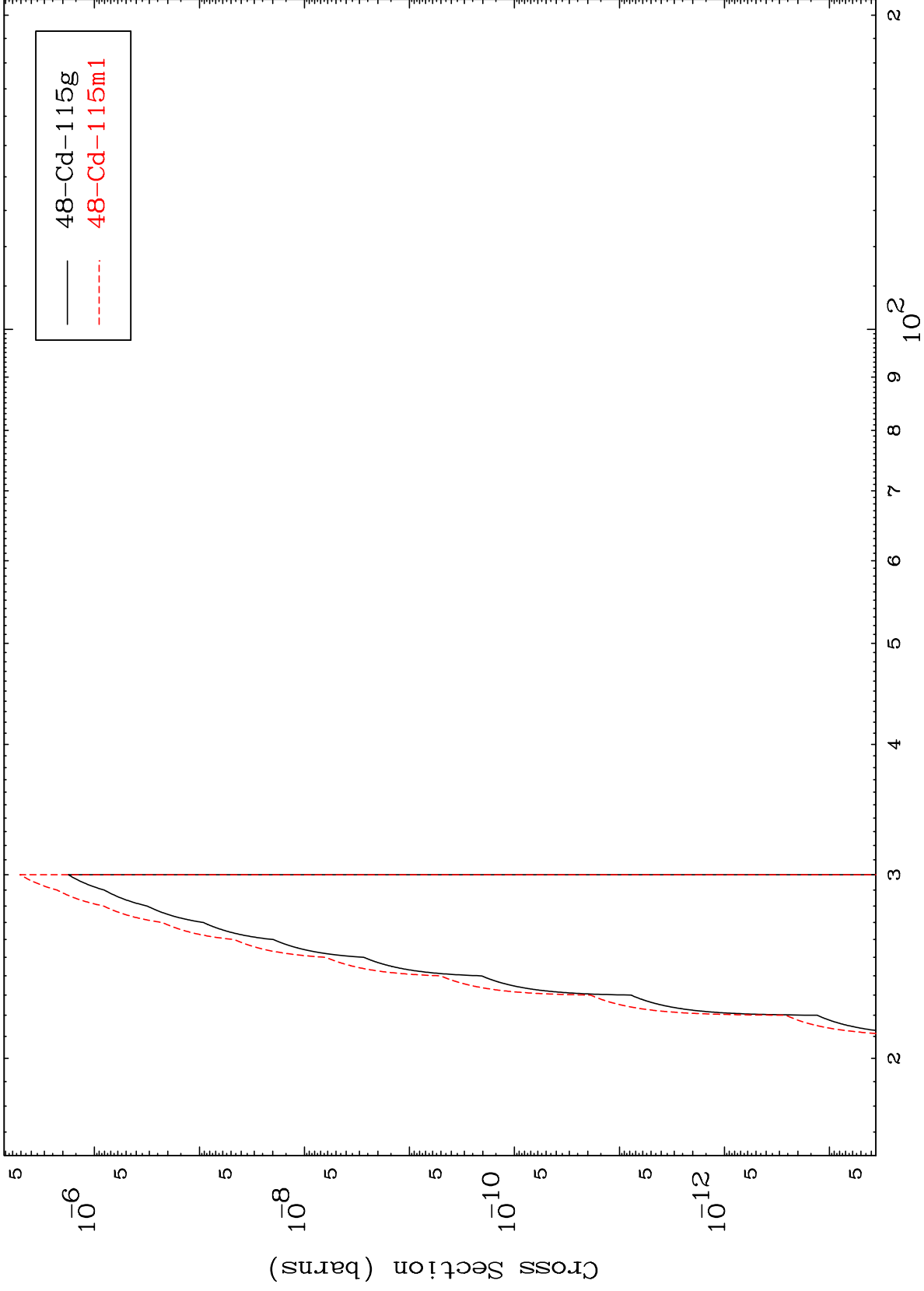
50-Sn-117

MAT 5041

(n,2n) p

50-Sn-117

Radionuclide Production Cross Section



29

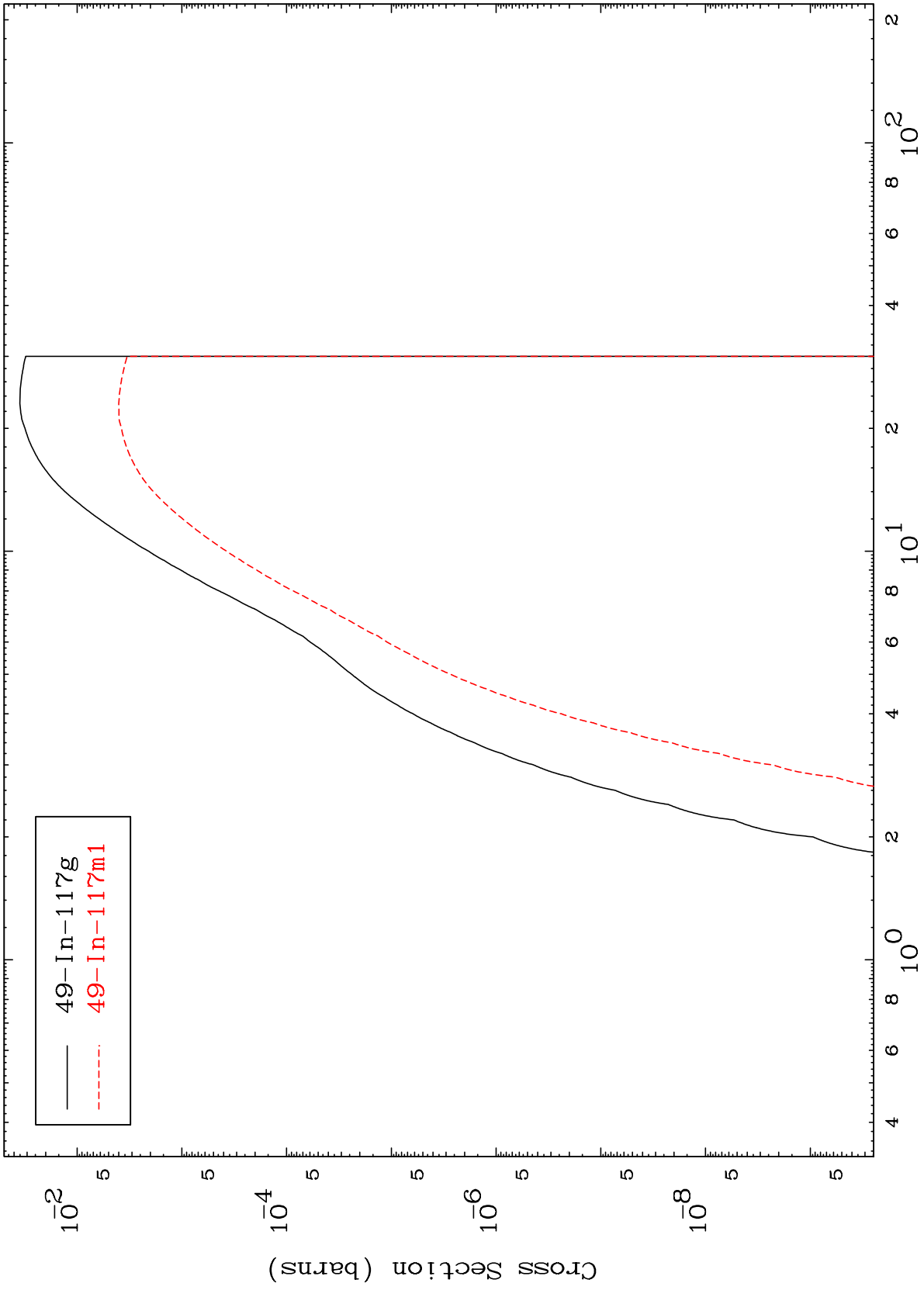
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

(n,p)
Radionuclide Production Cross Section



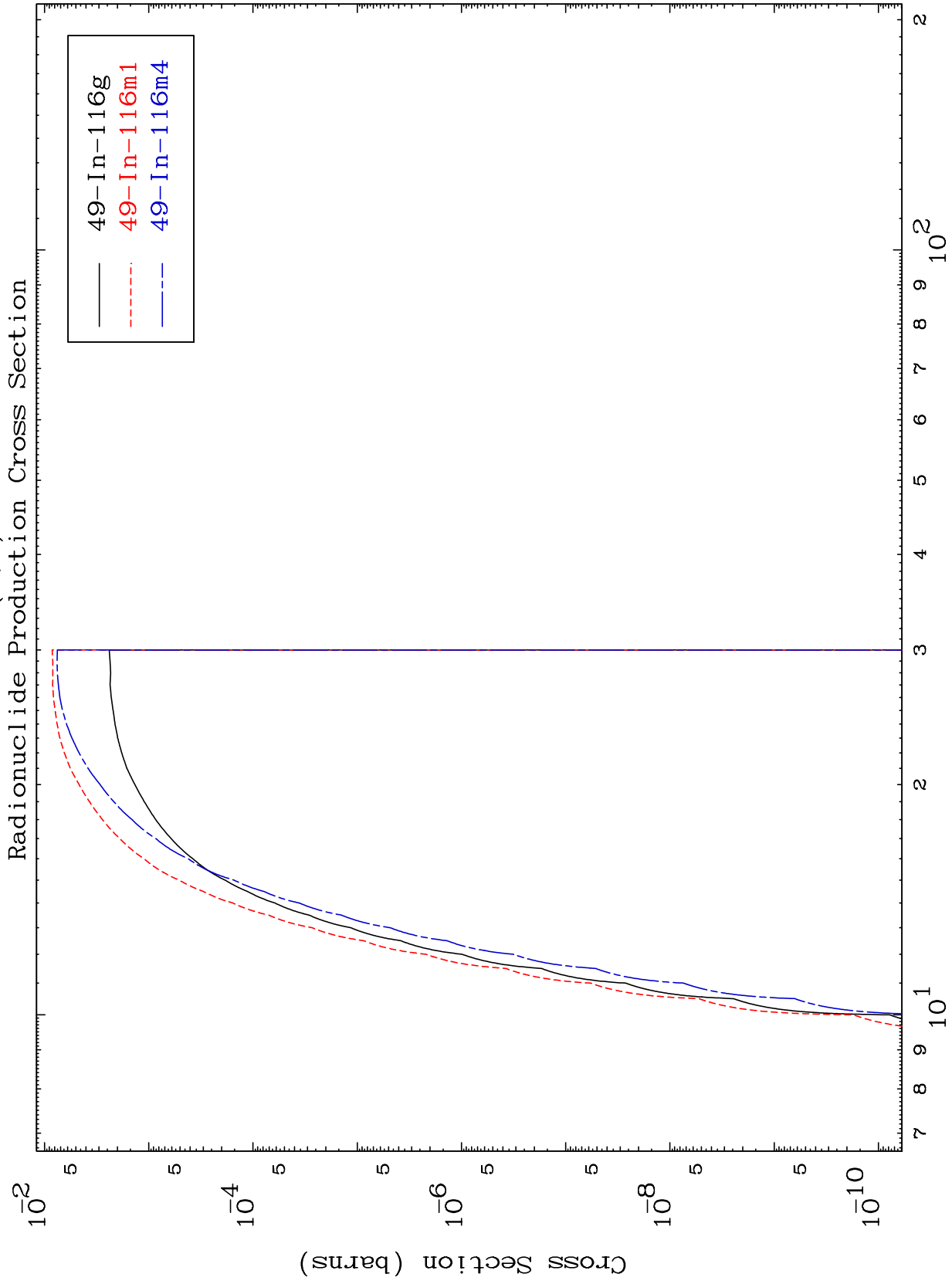
30

50-Sn-117

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(n,d)

50-Sn-117



50-Sn-117

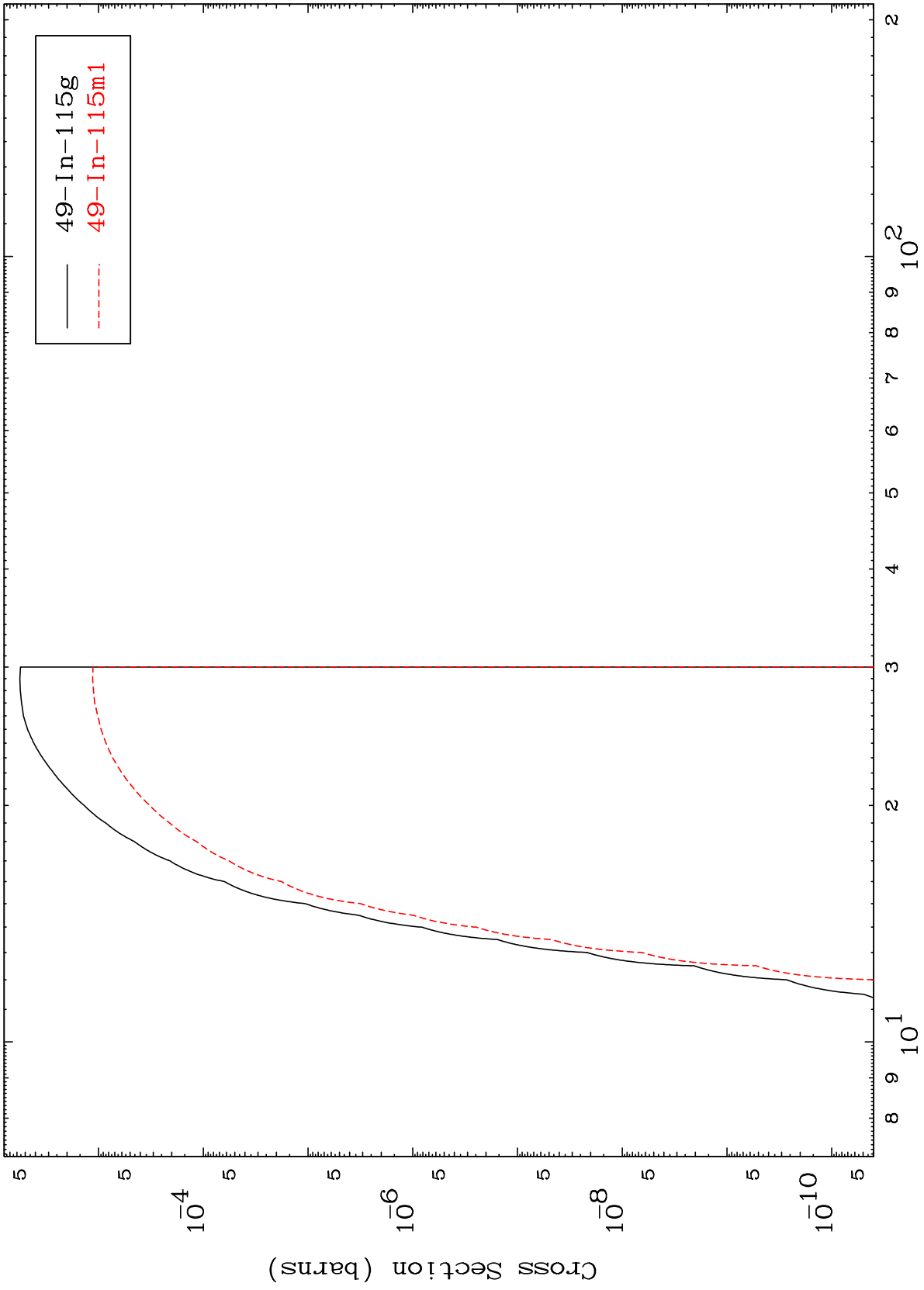
Incident Energy (MeV)

31

MAT 5041

50-Sn-117

(n, t)
Radionuclide Production Cross Section



32

Incident Energy (MeV)

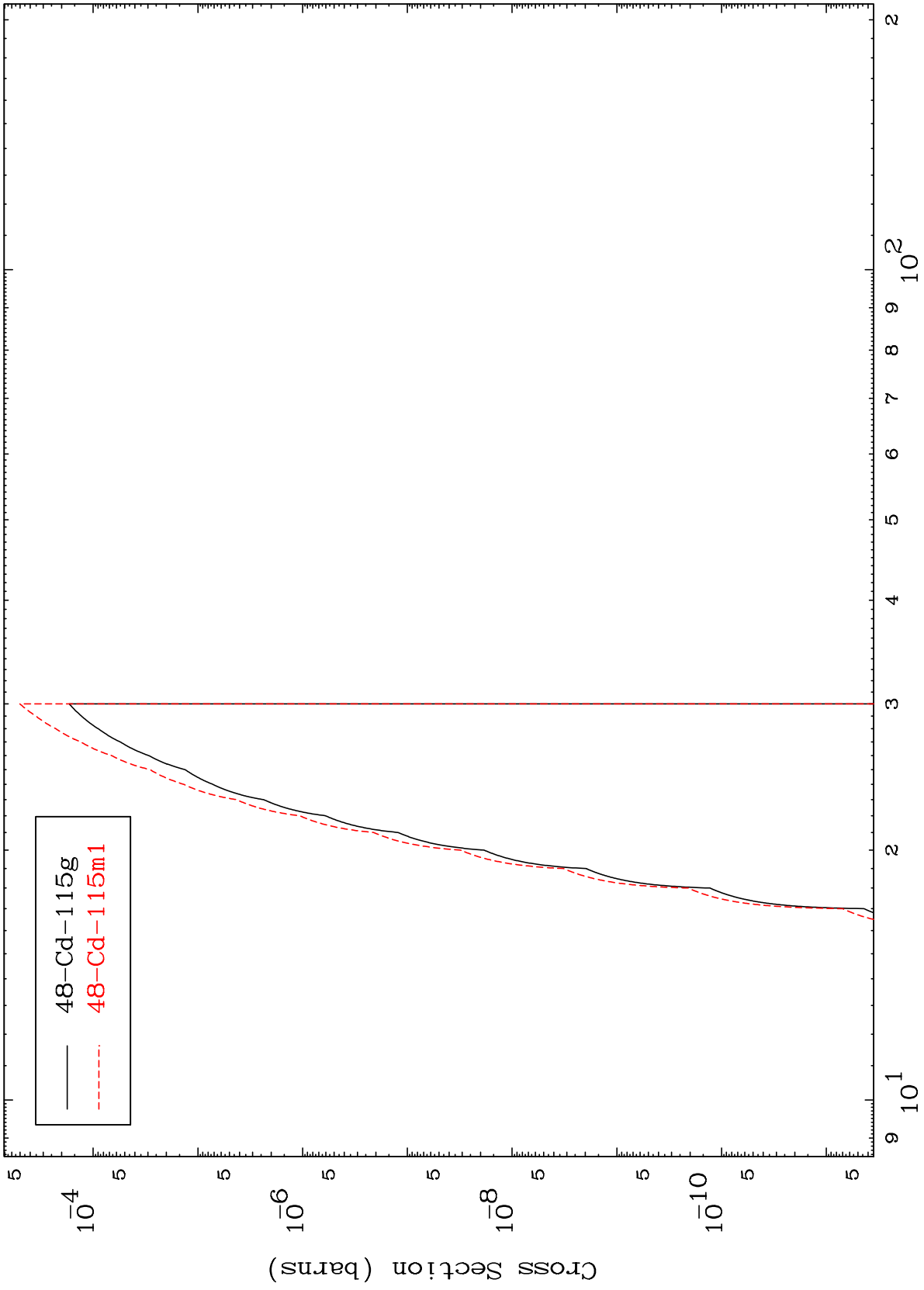
50-Sn-117

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(n,He-3)

50-Sn-117

Radionuclide Production Cross Section



33

Incident Energy (MeV)

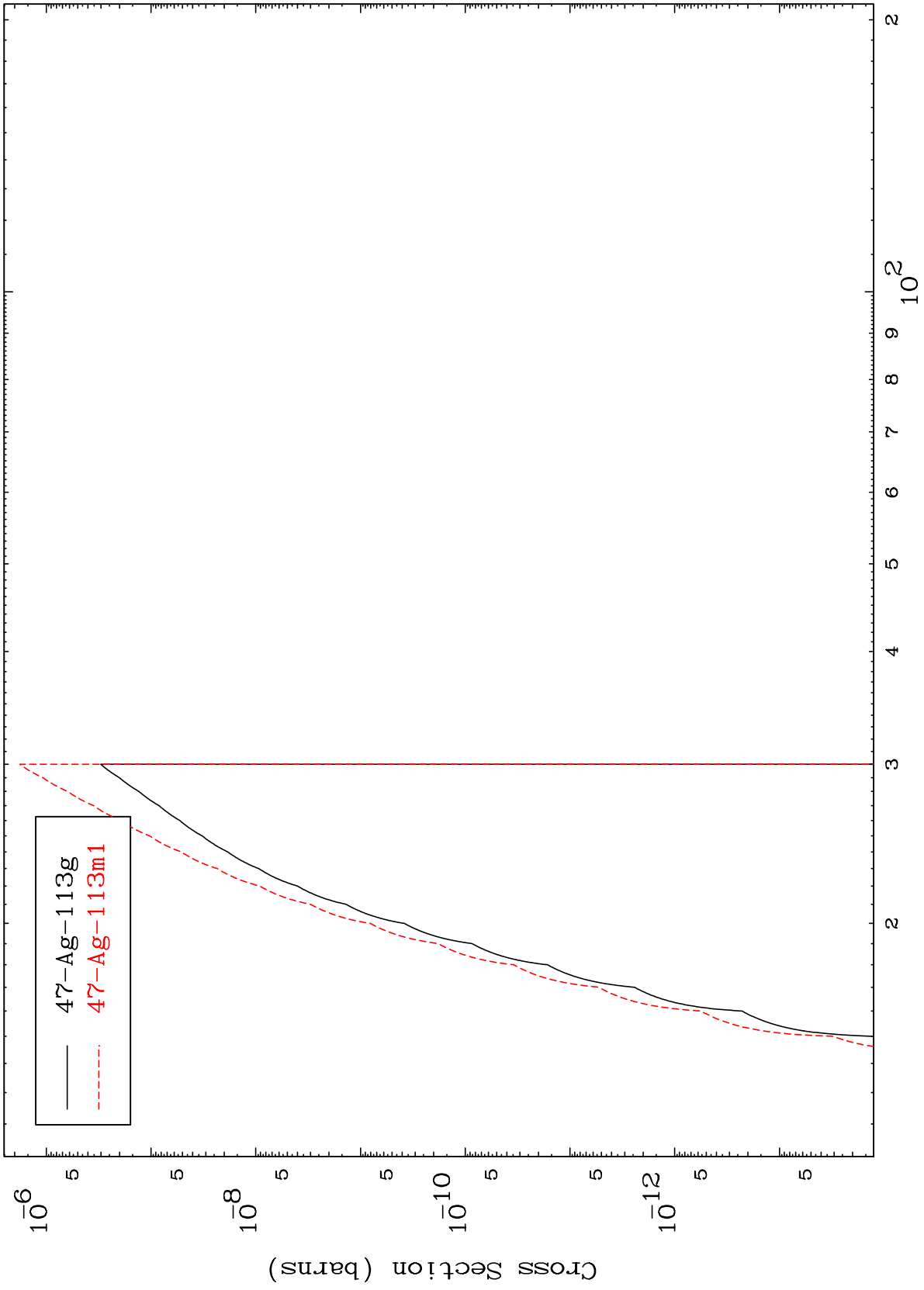
50-Sn-117

MAT 5041

(n,p) α

50-Sn-117

Radionuclide Production Cross Section



34

Incident Energy (MeV)

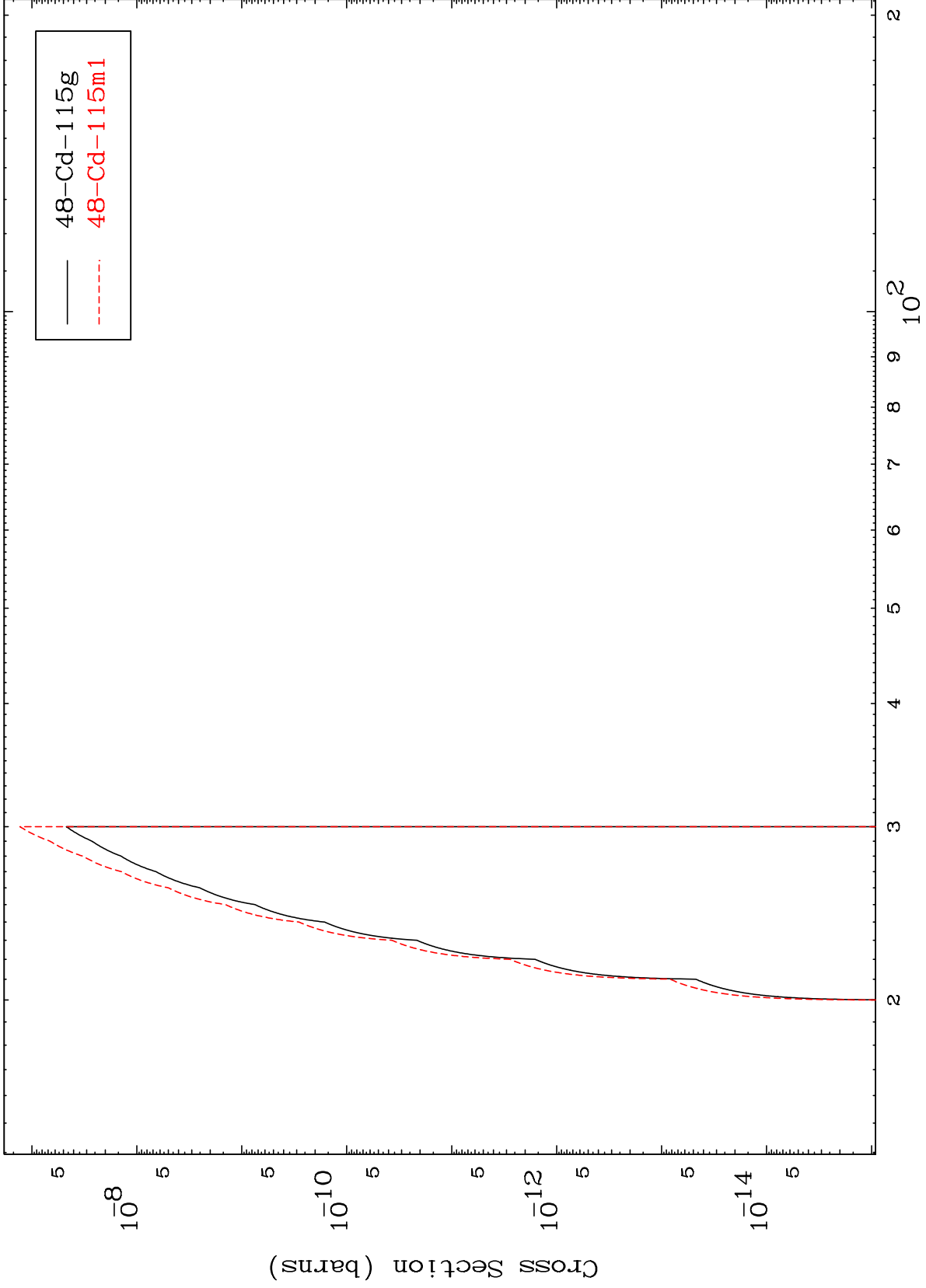
50-Sn-117

MAT 5041

(n,p) d

50-Sn-117

Radionuclide Production Cross Section



35

Incident Energy (MeV)

50-Sn-117