

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

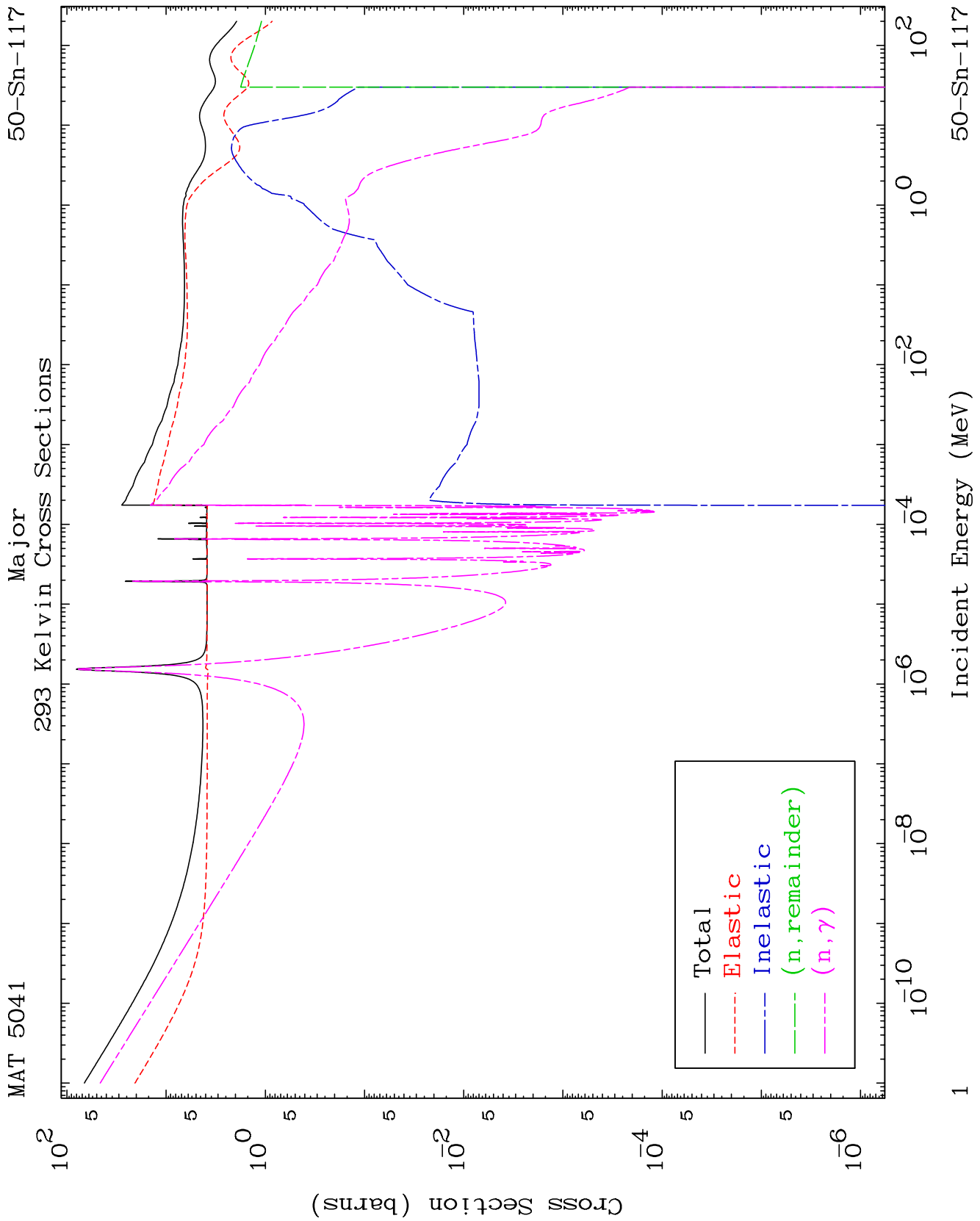
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Web: redcullen1.net/HOMEPAGE.NEW

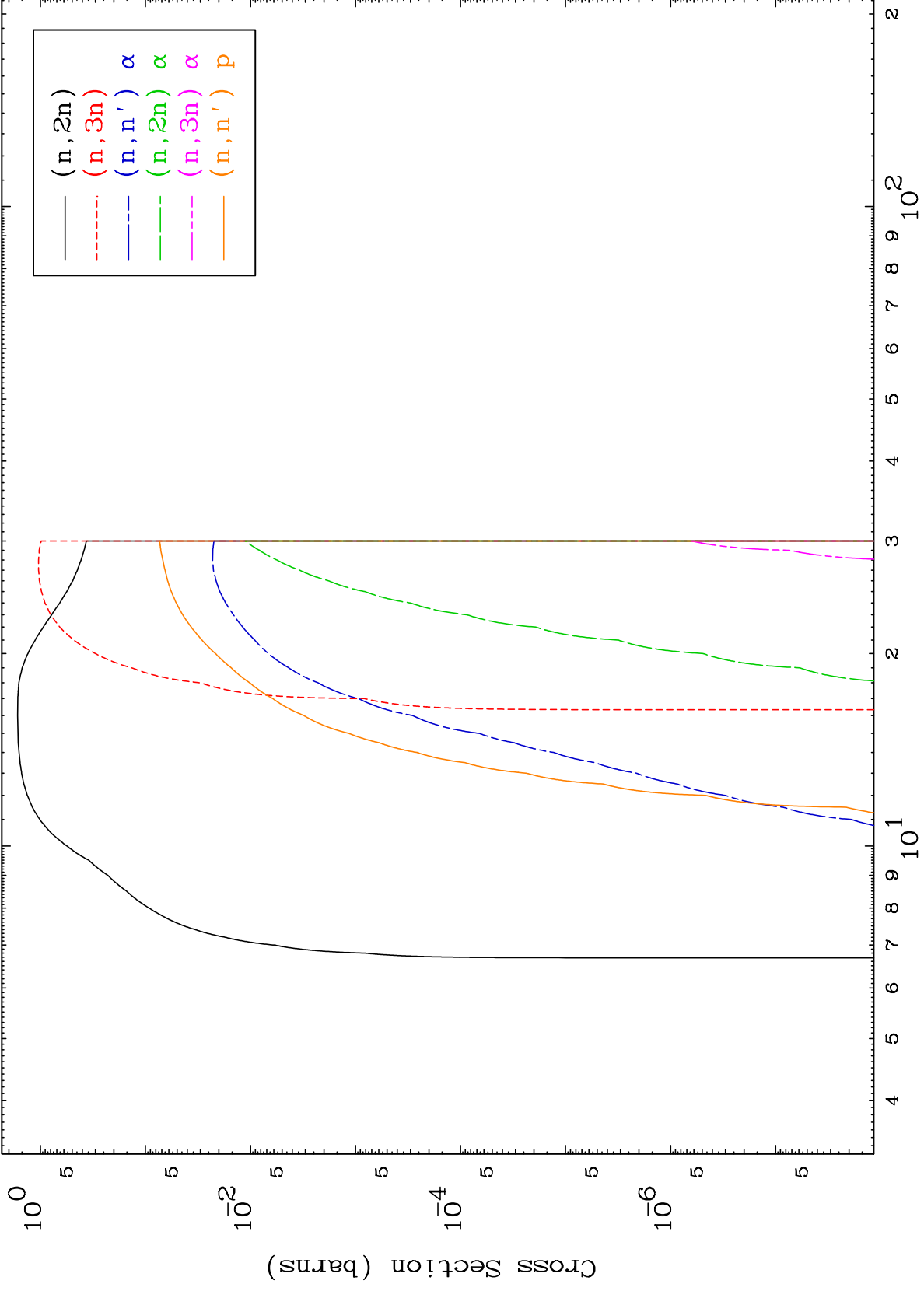
Press Mouse Button to Start

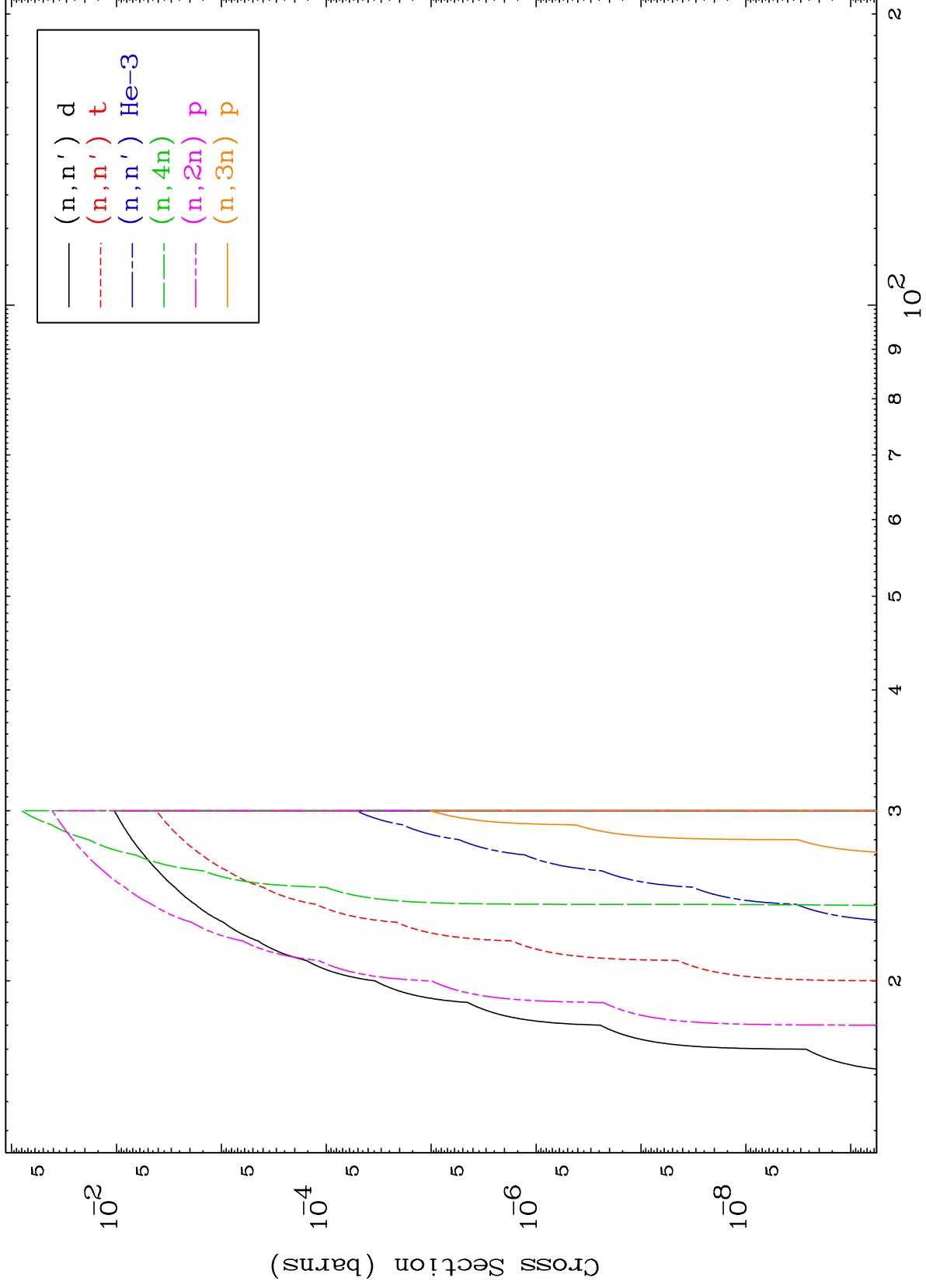


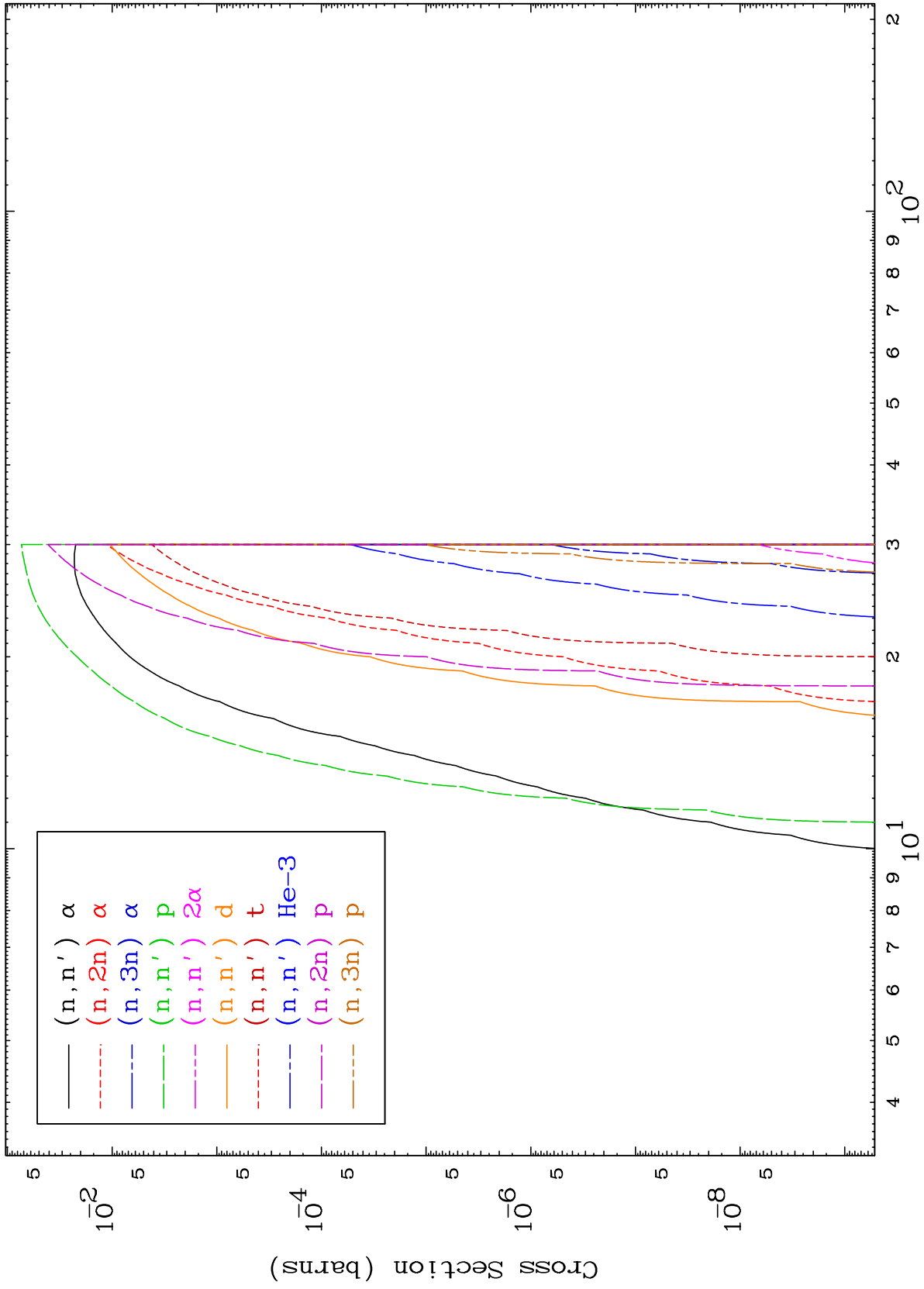
MAT 5041

Neutron Production
293 Kelvin Cross Sections

50-Sn-117



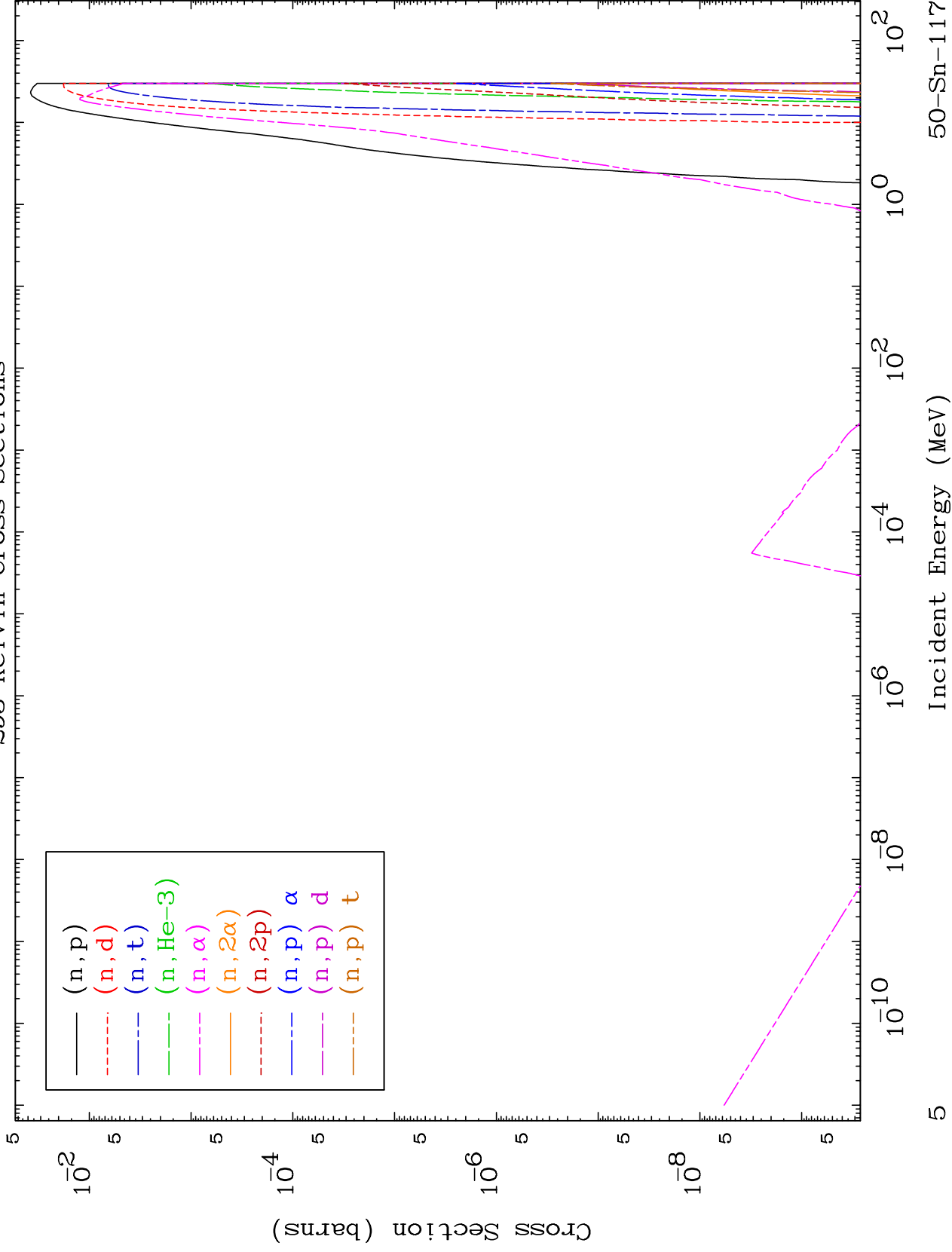




MAT 5041

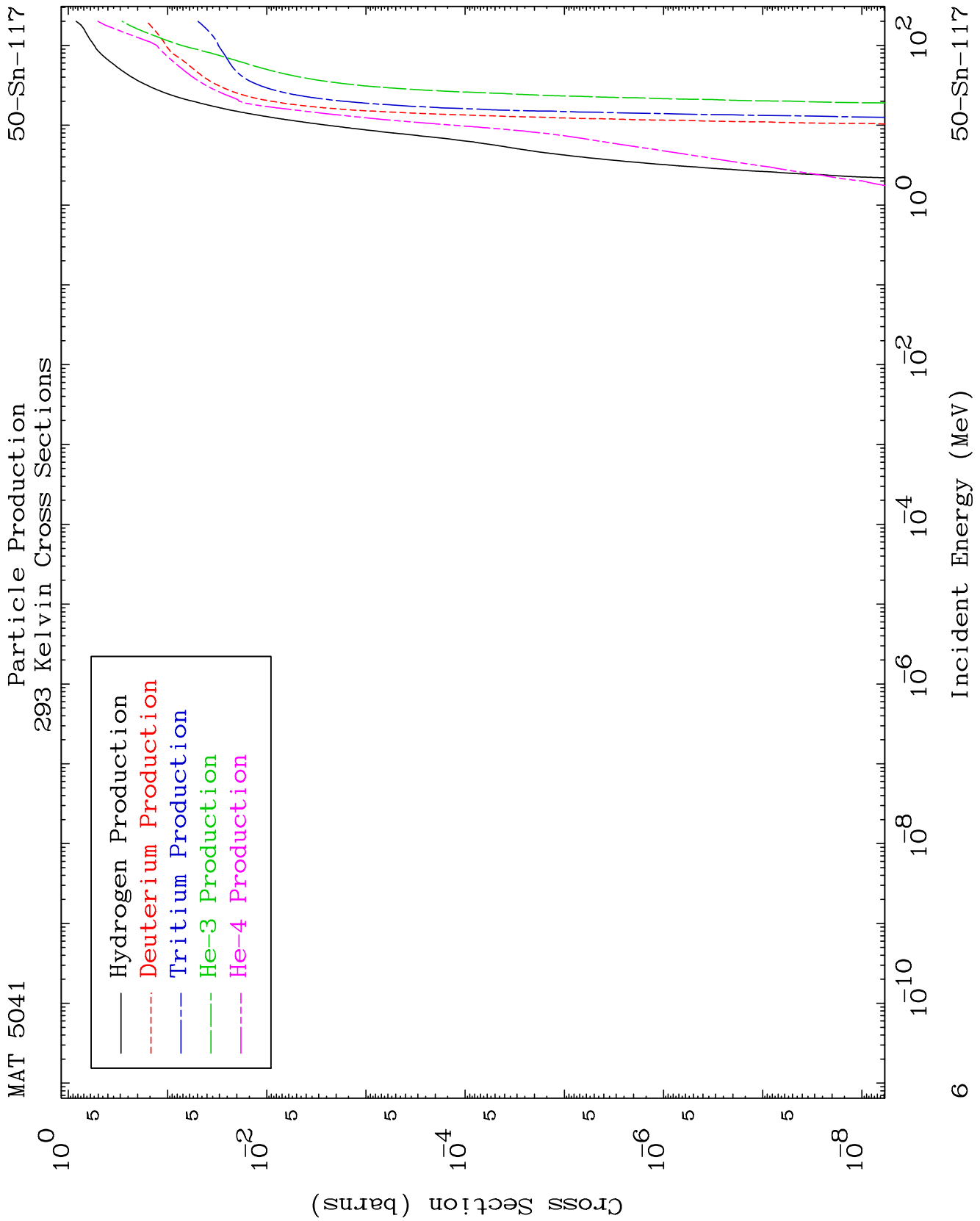
Charged Particle
293 Kelvin Cross Sections

50-Sn-117



5

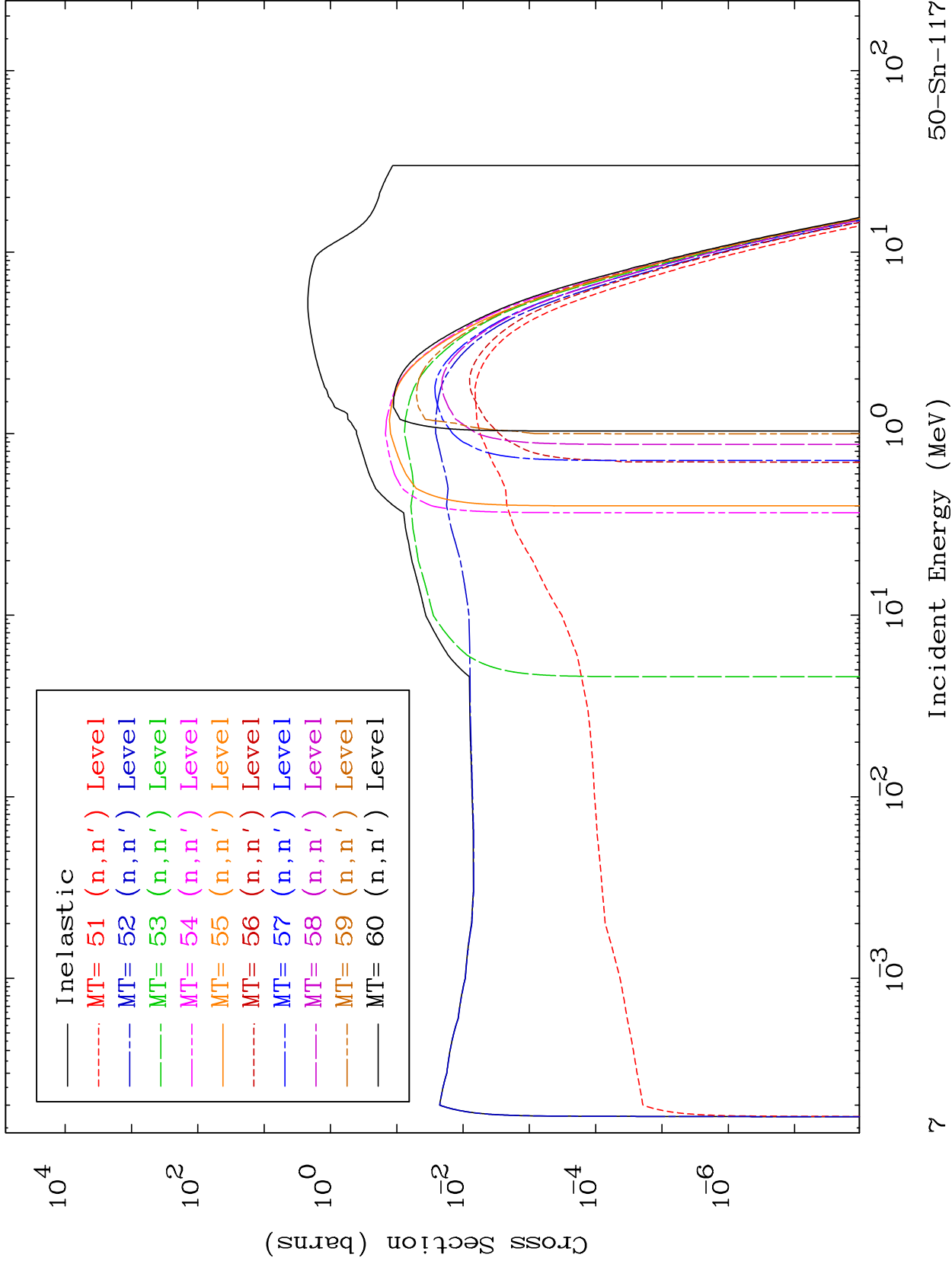
50-Sn-117



MAT 5041

(n,n') Level
293 Kelvin Cross Sections

50-Sn-117

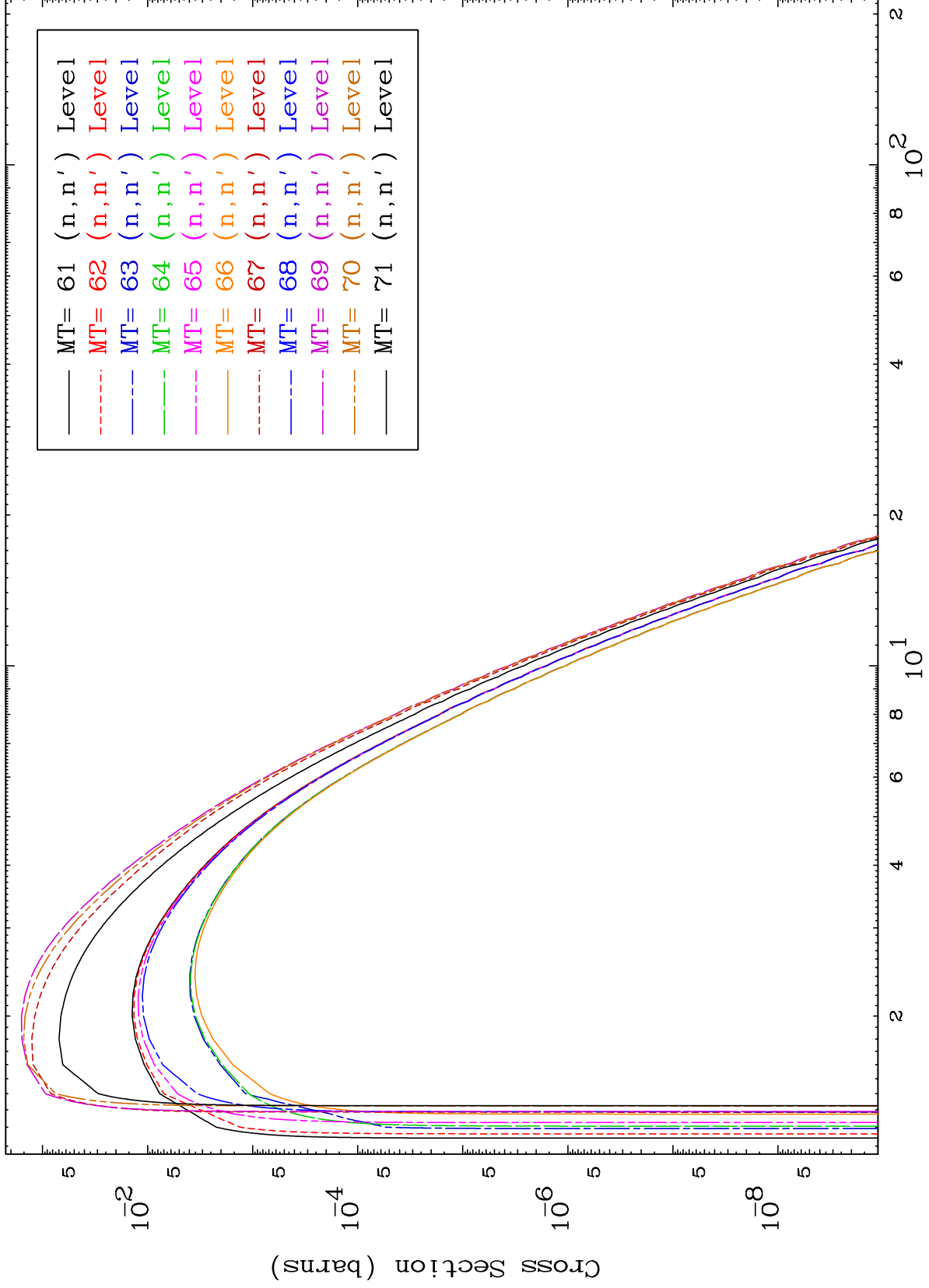


MAT 5041

(n,n') Level

50-Sn-117

293 Kelvin Cross Sections



8

Incident Energy (MeV)

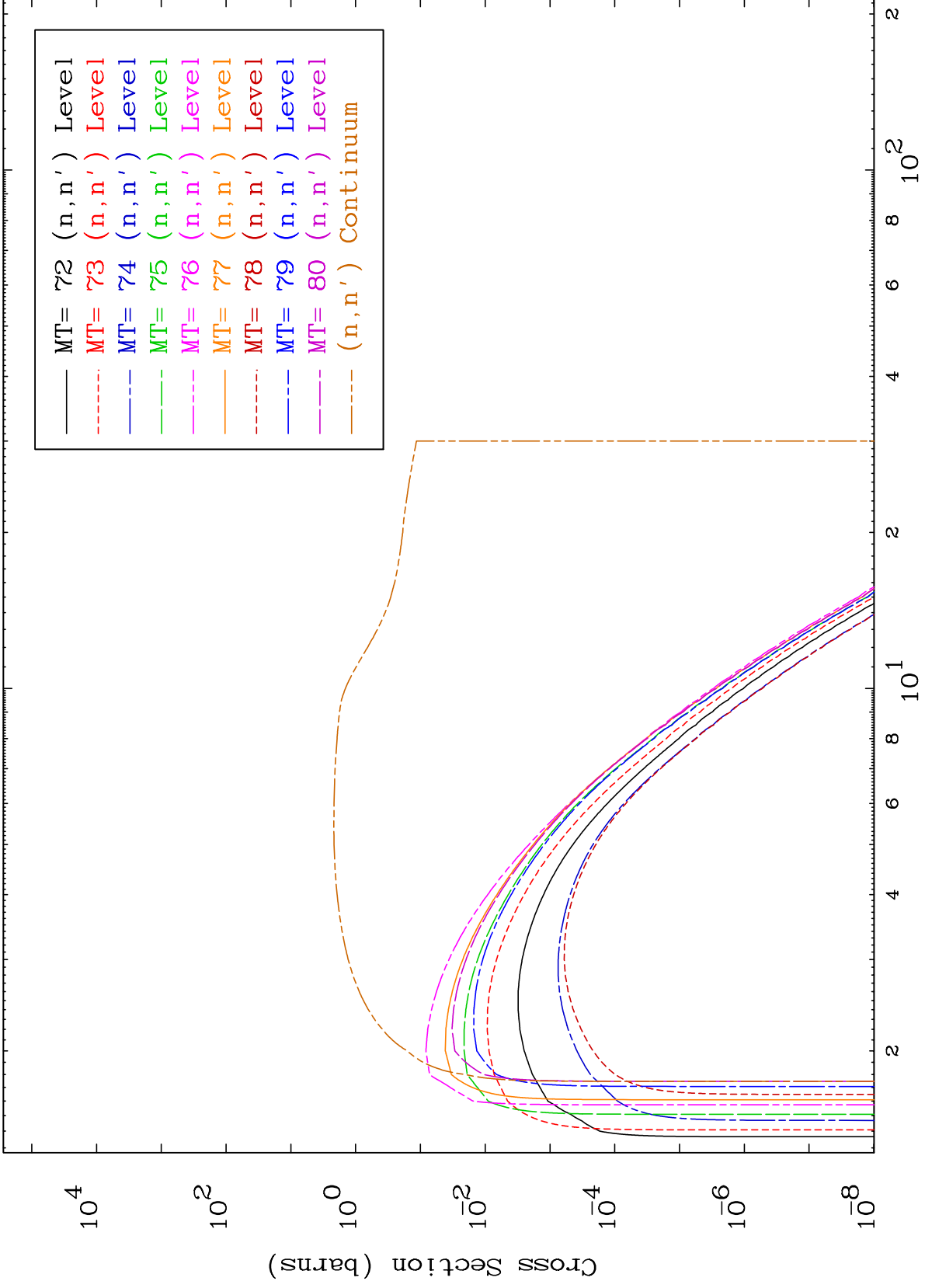
50-Sn-117

MAT 5041

(n,n') Level

50-Sn-117

293 Kelvin Cross Sections



9

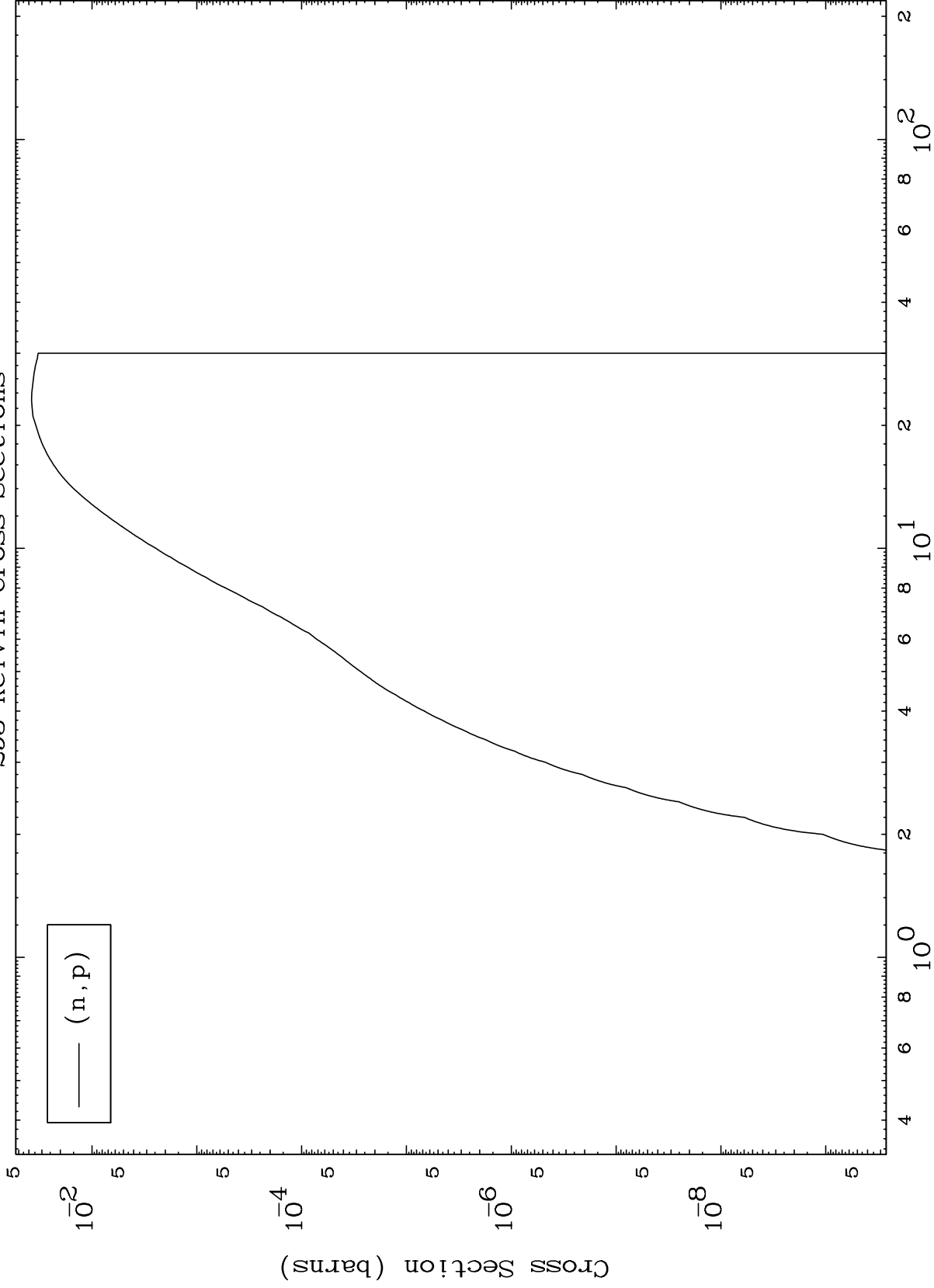
Incident Energy (MeV)

50-Sn-117

MAT 5041

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-117



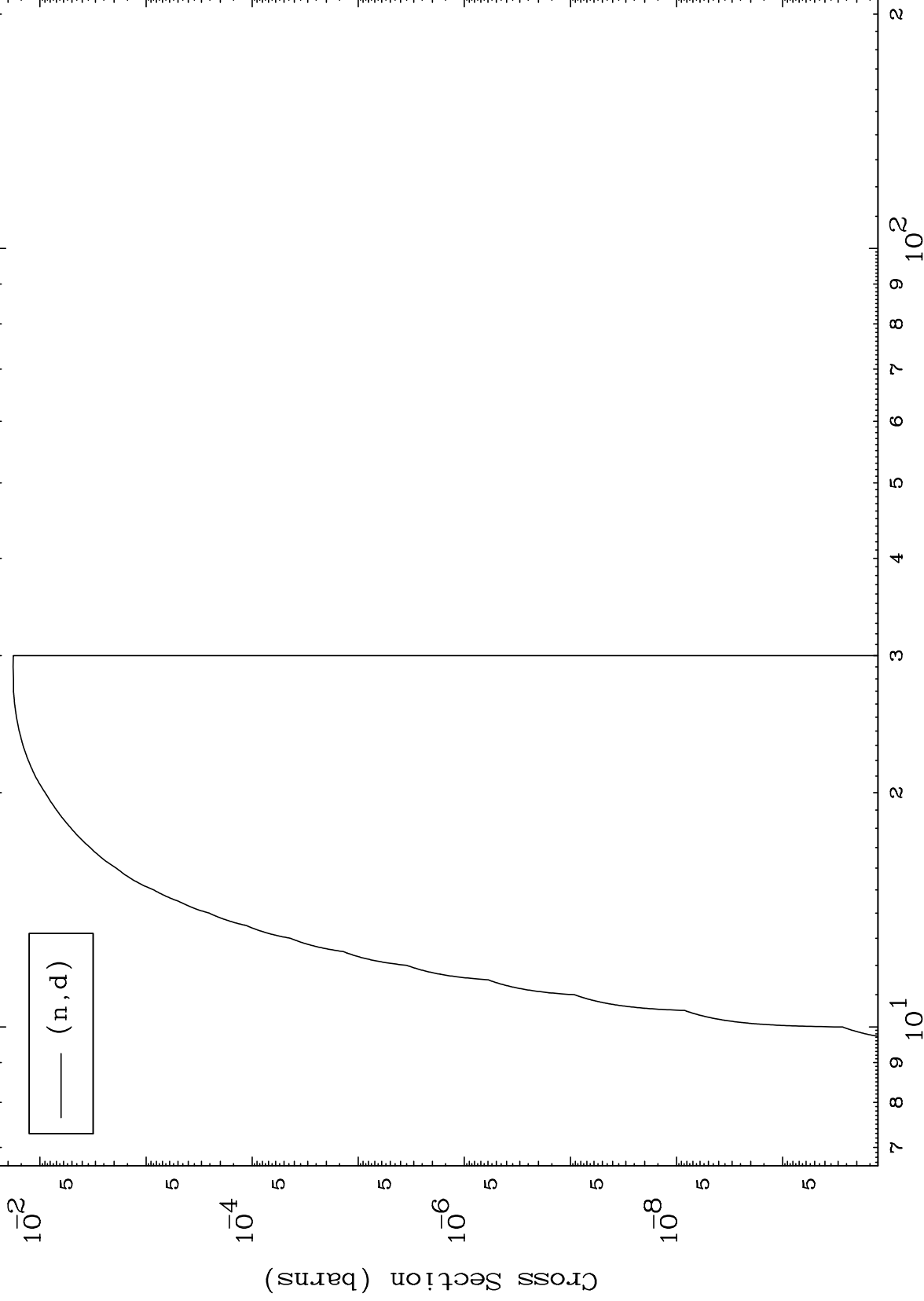
Incident Energy (MeV)

50-Sn-117

MAT 5041

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-117

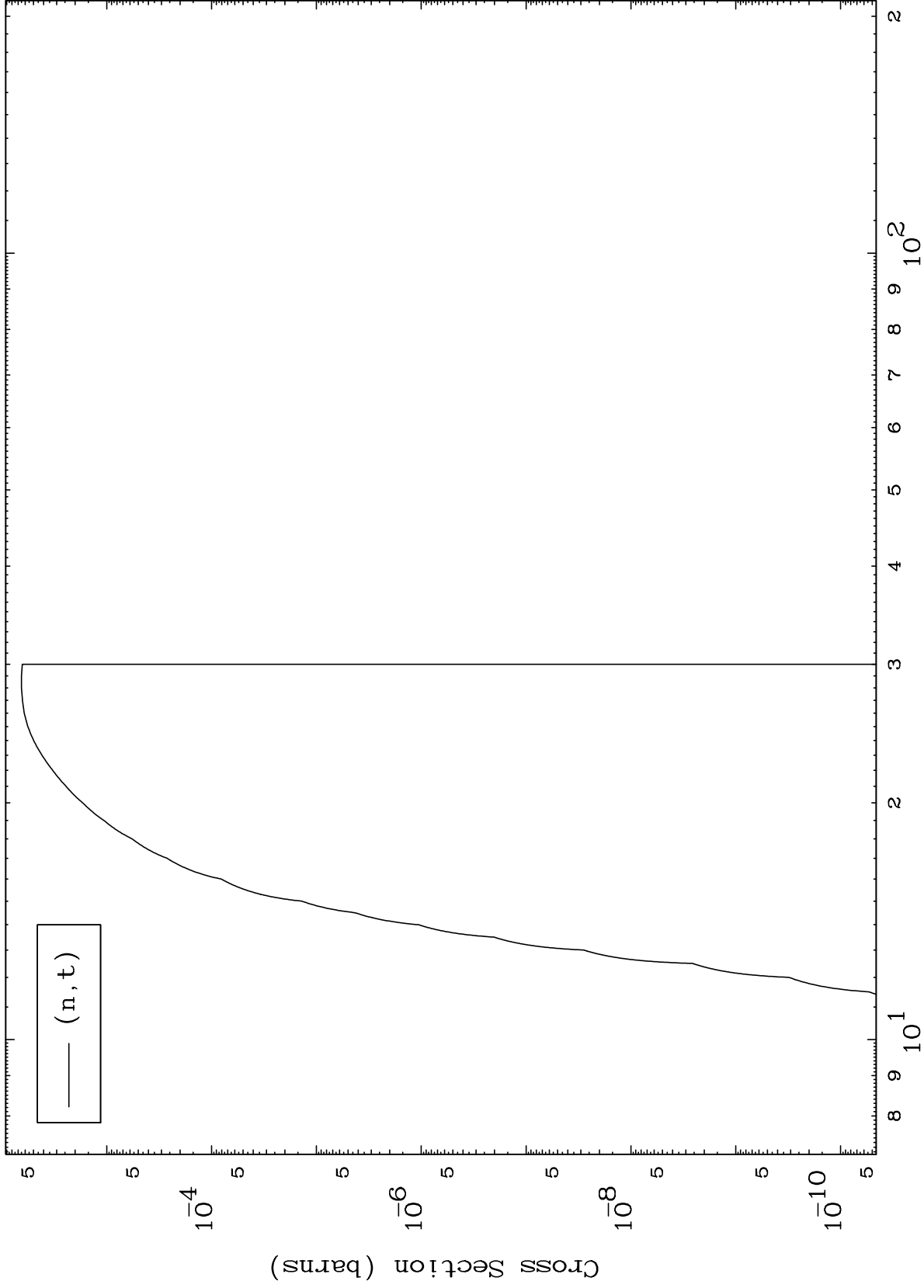


(n,d)

MAT 5041

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-117



12

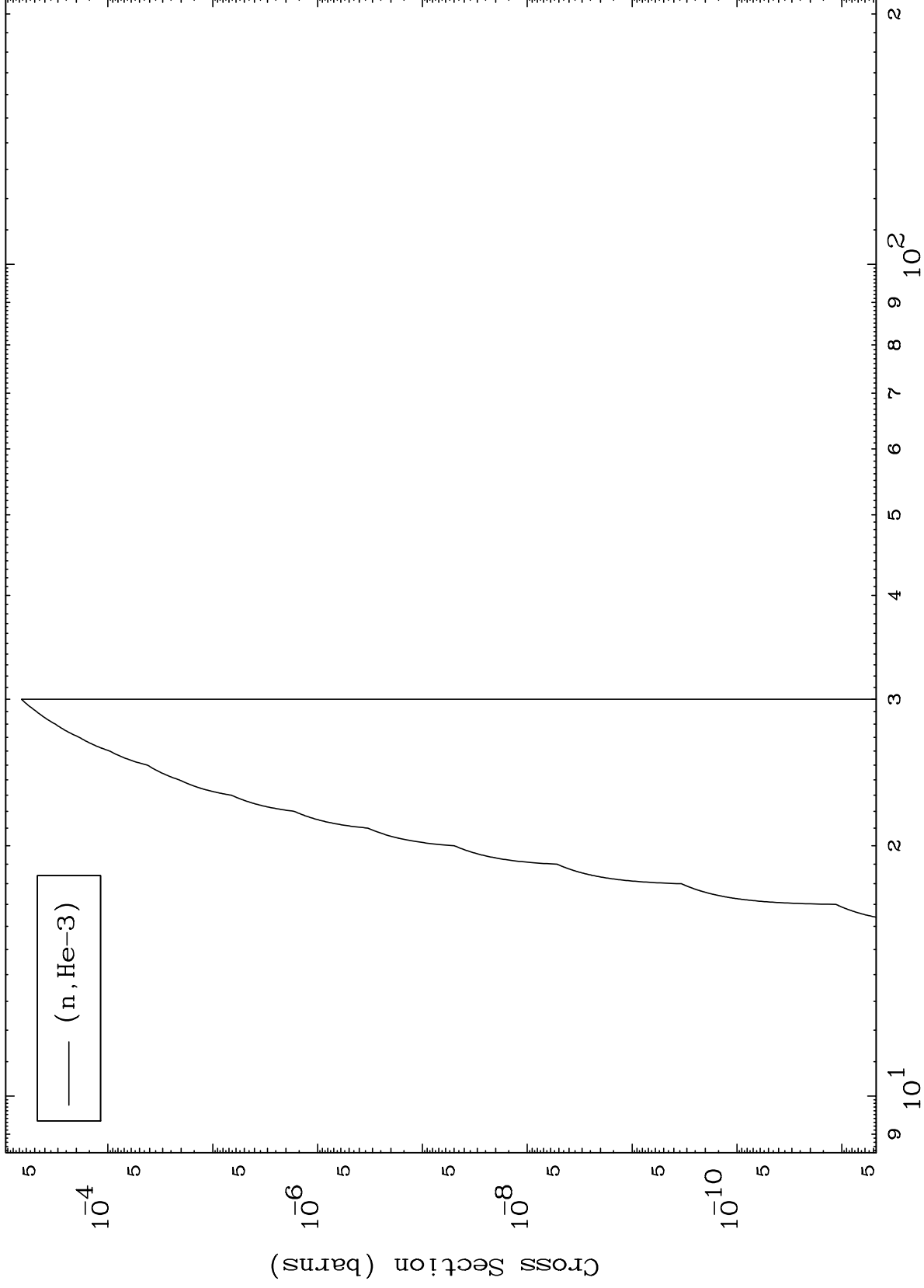
Incident Energy (MeV)

50-Sn-117

MAT 5041

(n,He3) Levels
293 Kelvin Cross Sections

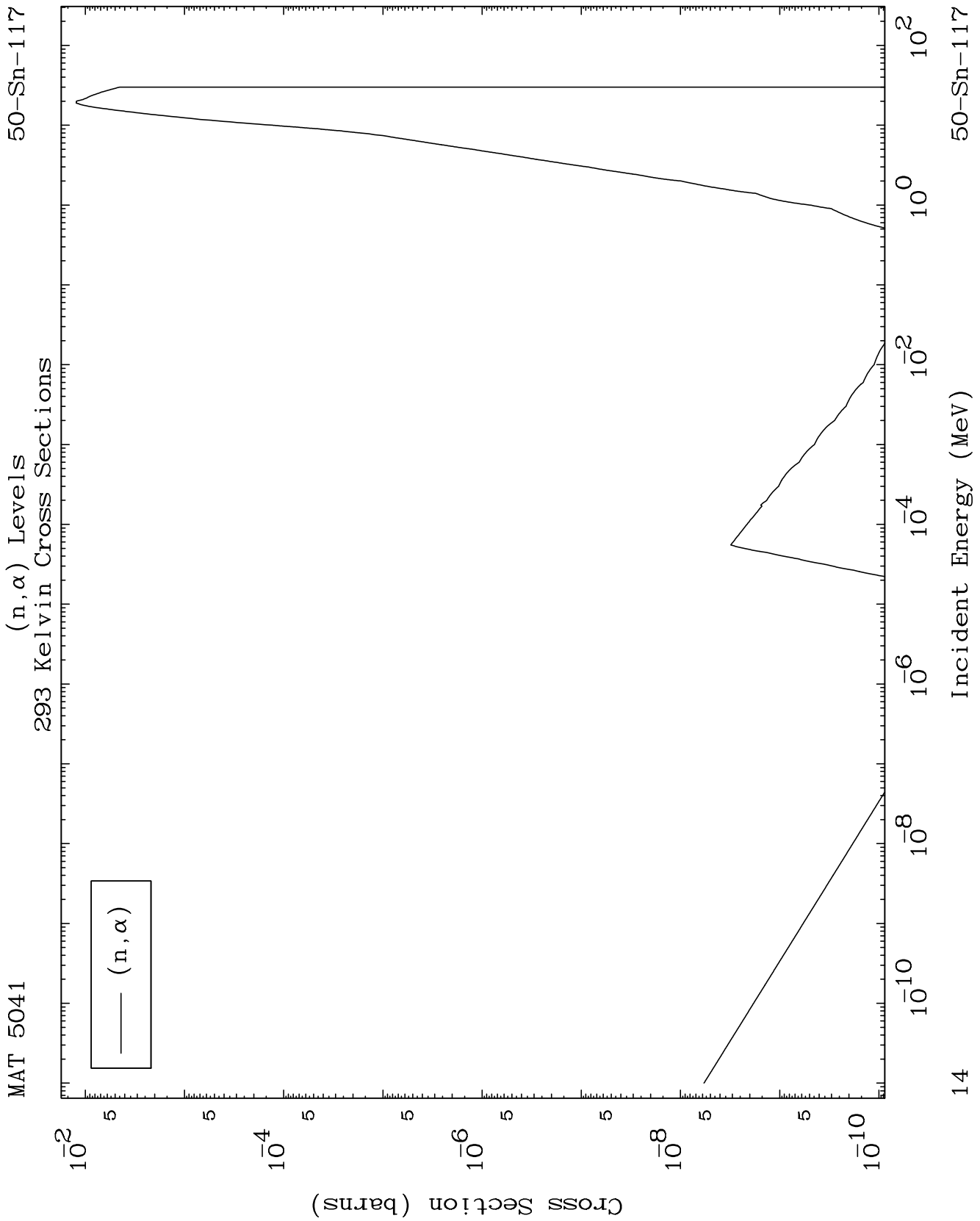
50-Sn-117

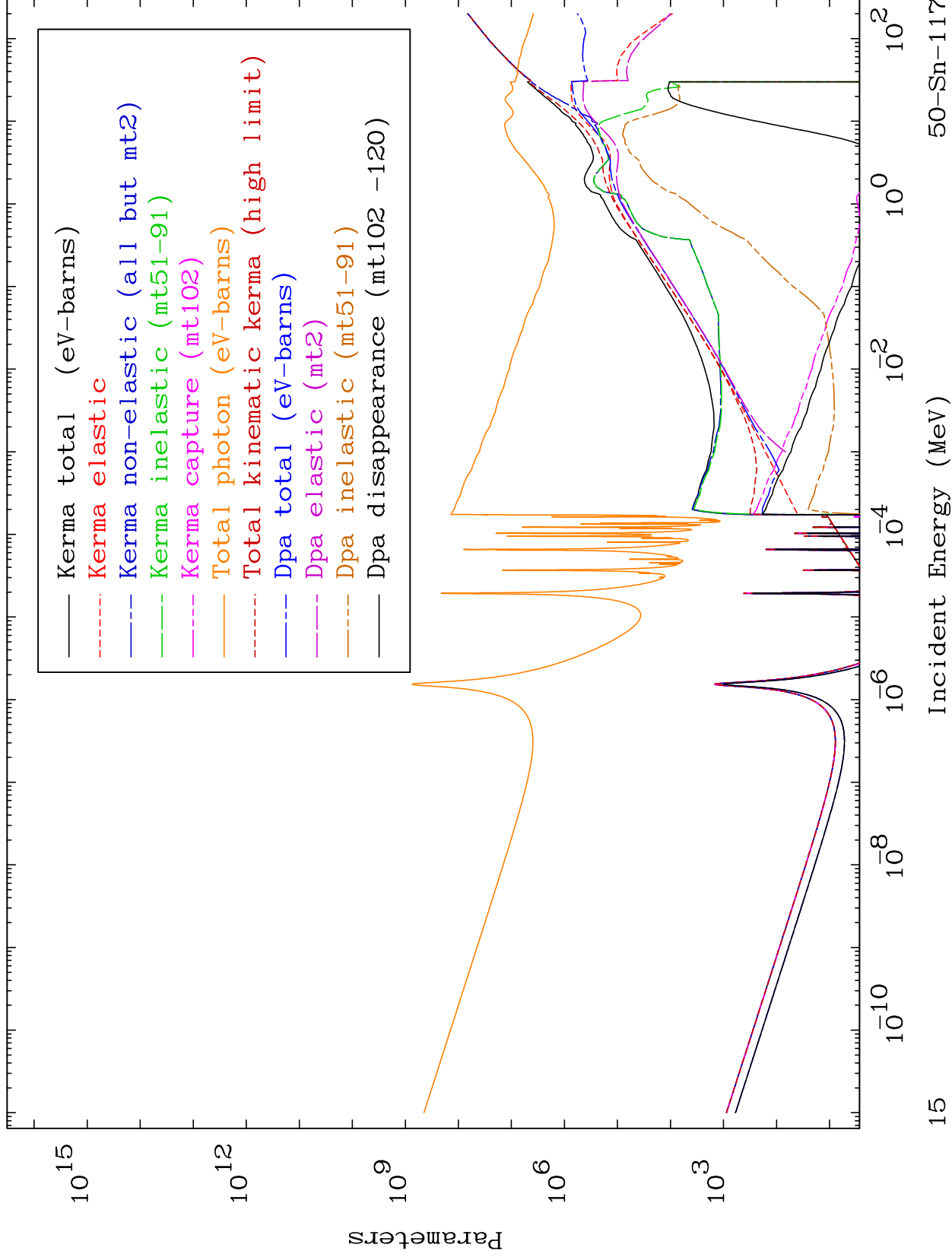


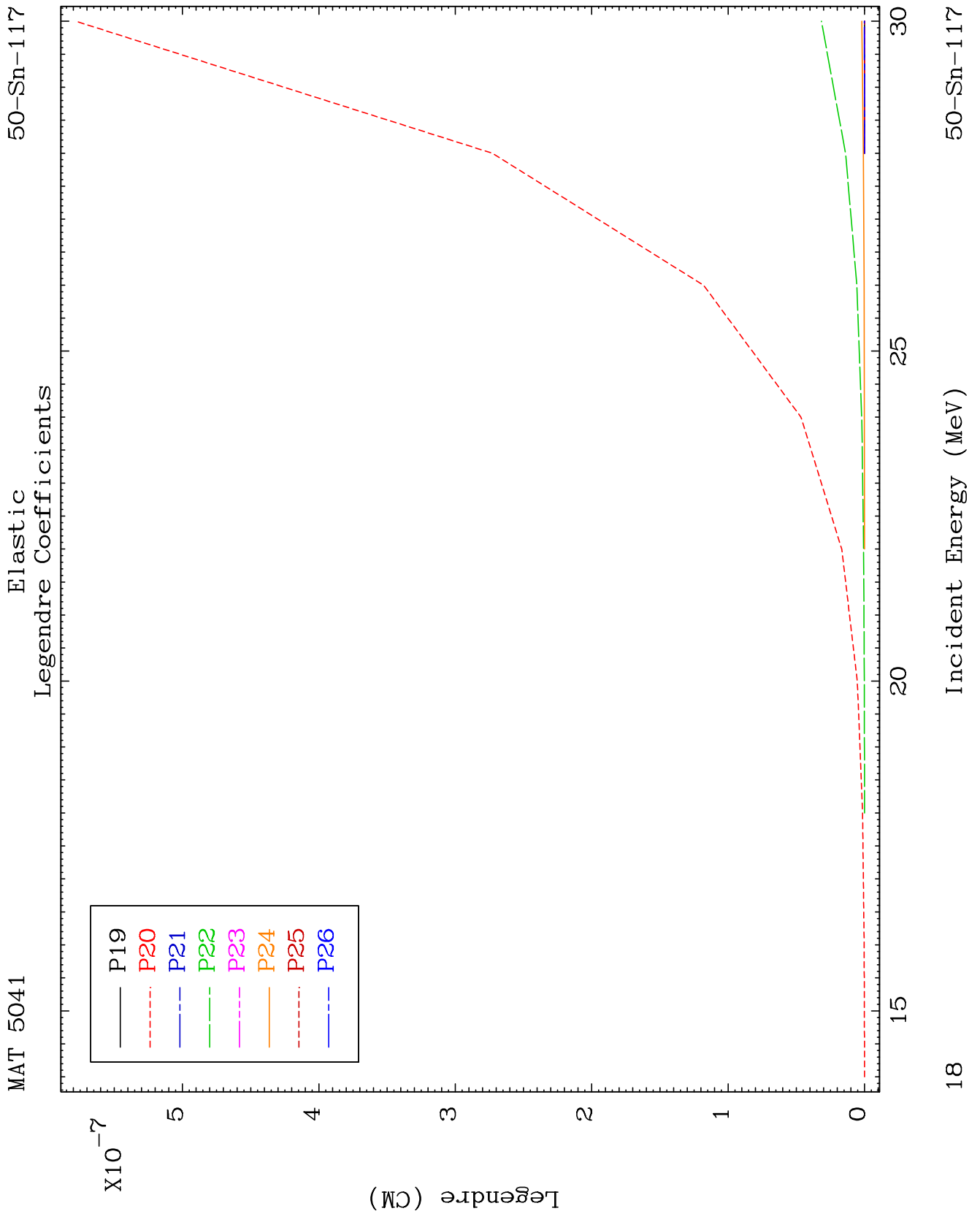
Incident Energy (MeV)

50-Sn-117

13



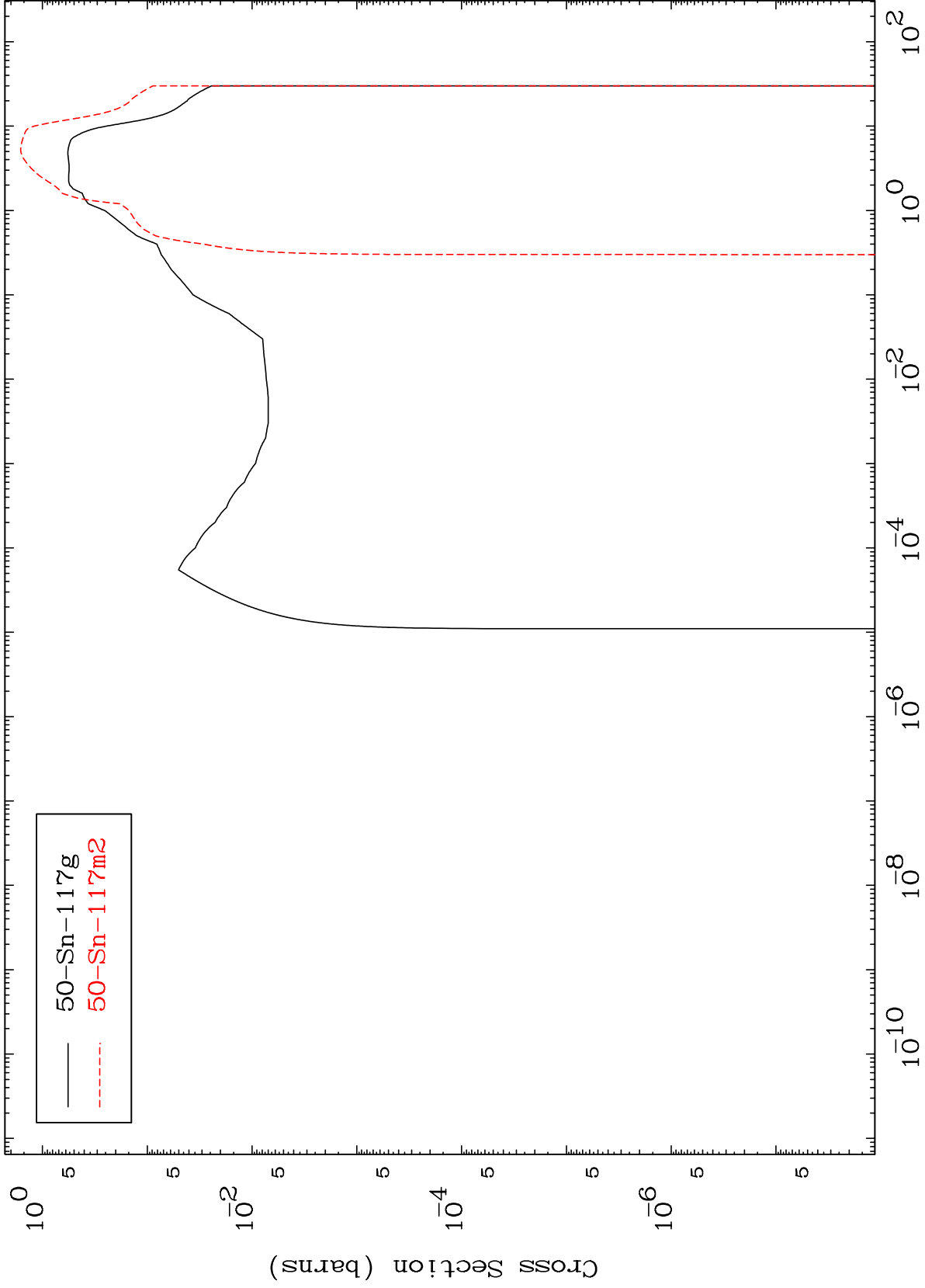




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50-Sn-117

Inelastic
Radionuclide Production Cross Section



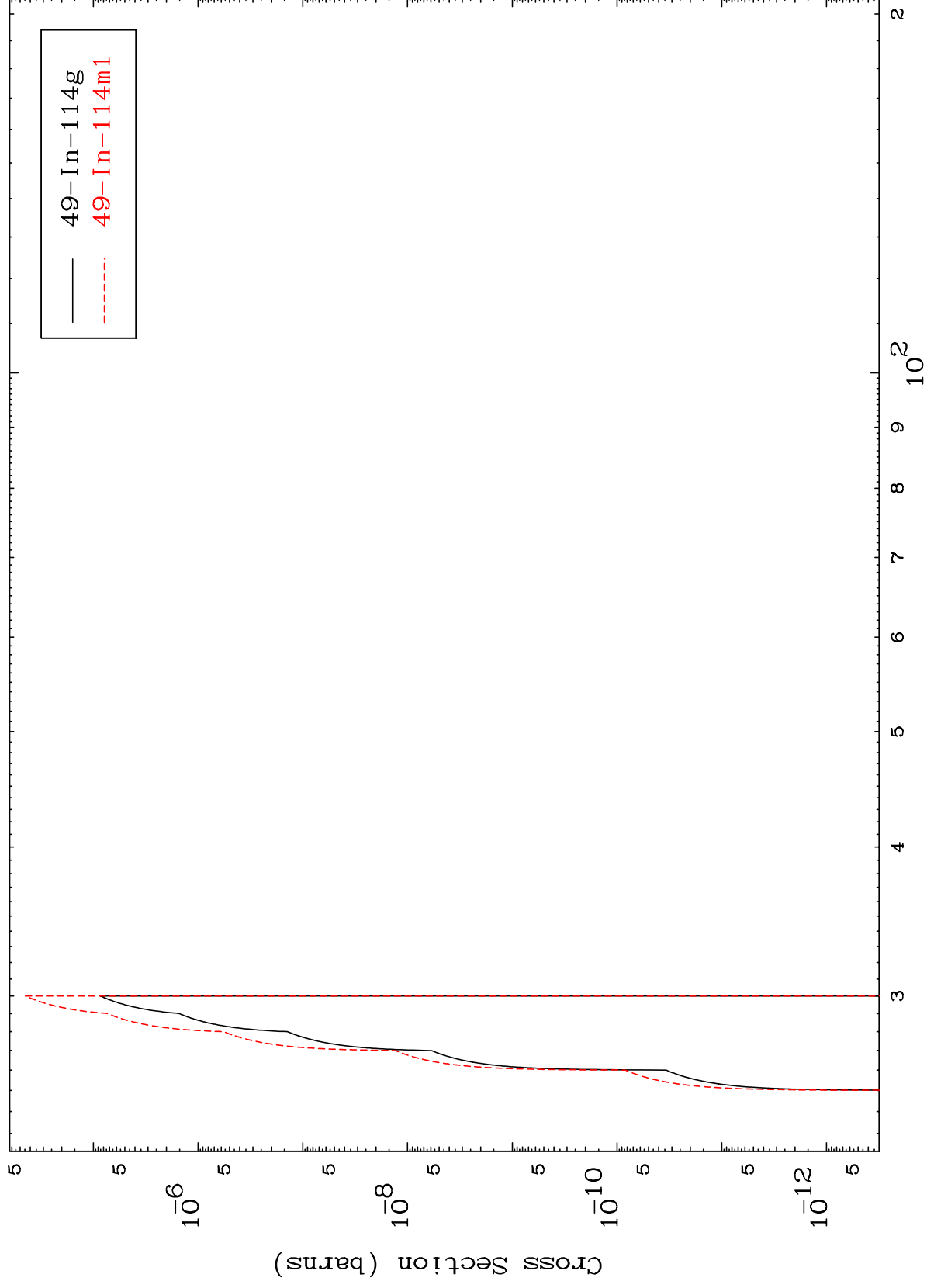
50-Sn-117g
50-Sn-117m2

MAT 5041

(n,2n) d

50-Sn-117

Radionuclide Production Cross Section



20

Incident Energy (MeV)

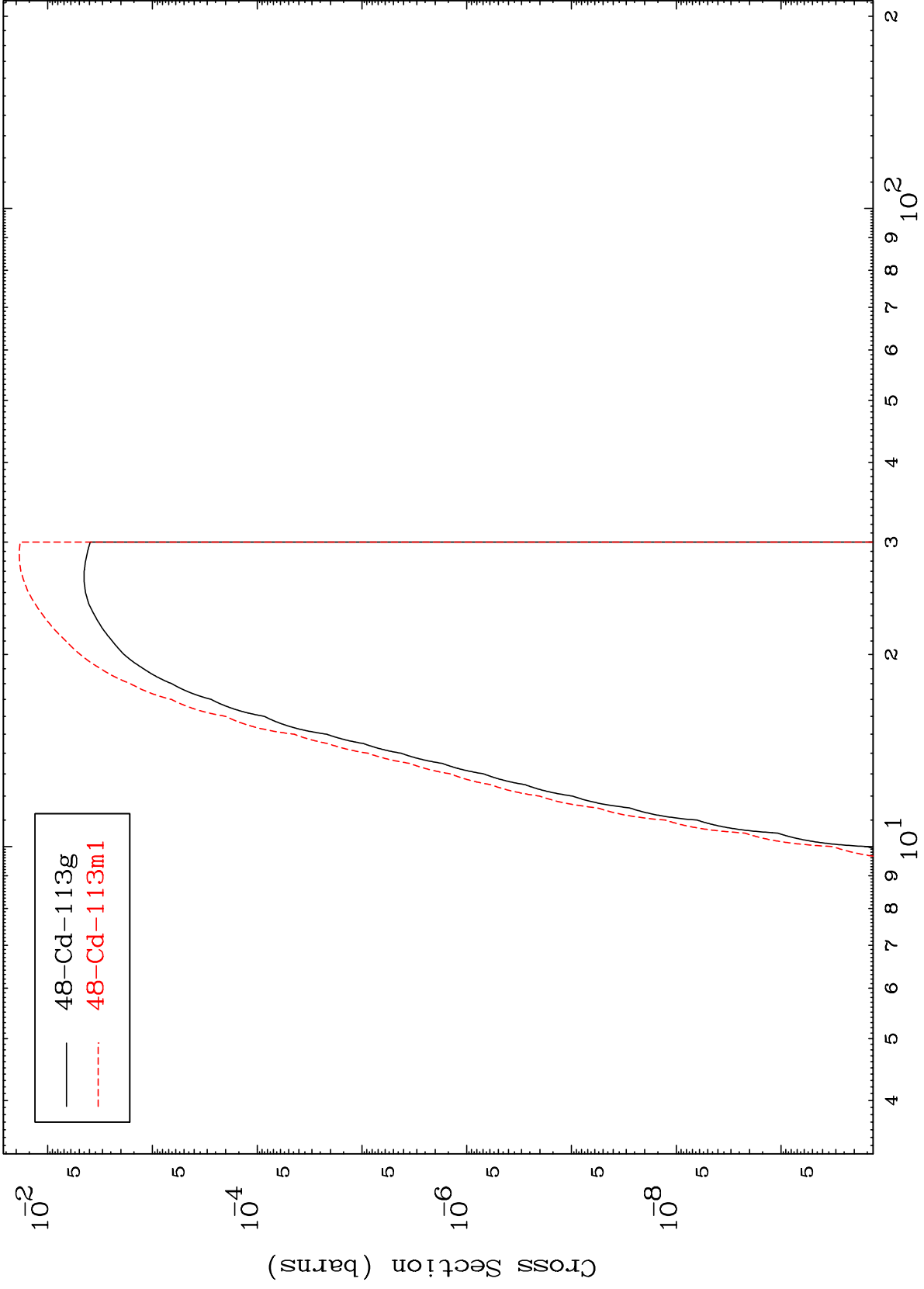
50-Sn-117

MAT 5041

50-Sn-117

(n,n') α

Radionuclide Production Cross Section



21

Incident Energy (MeV)

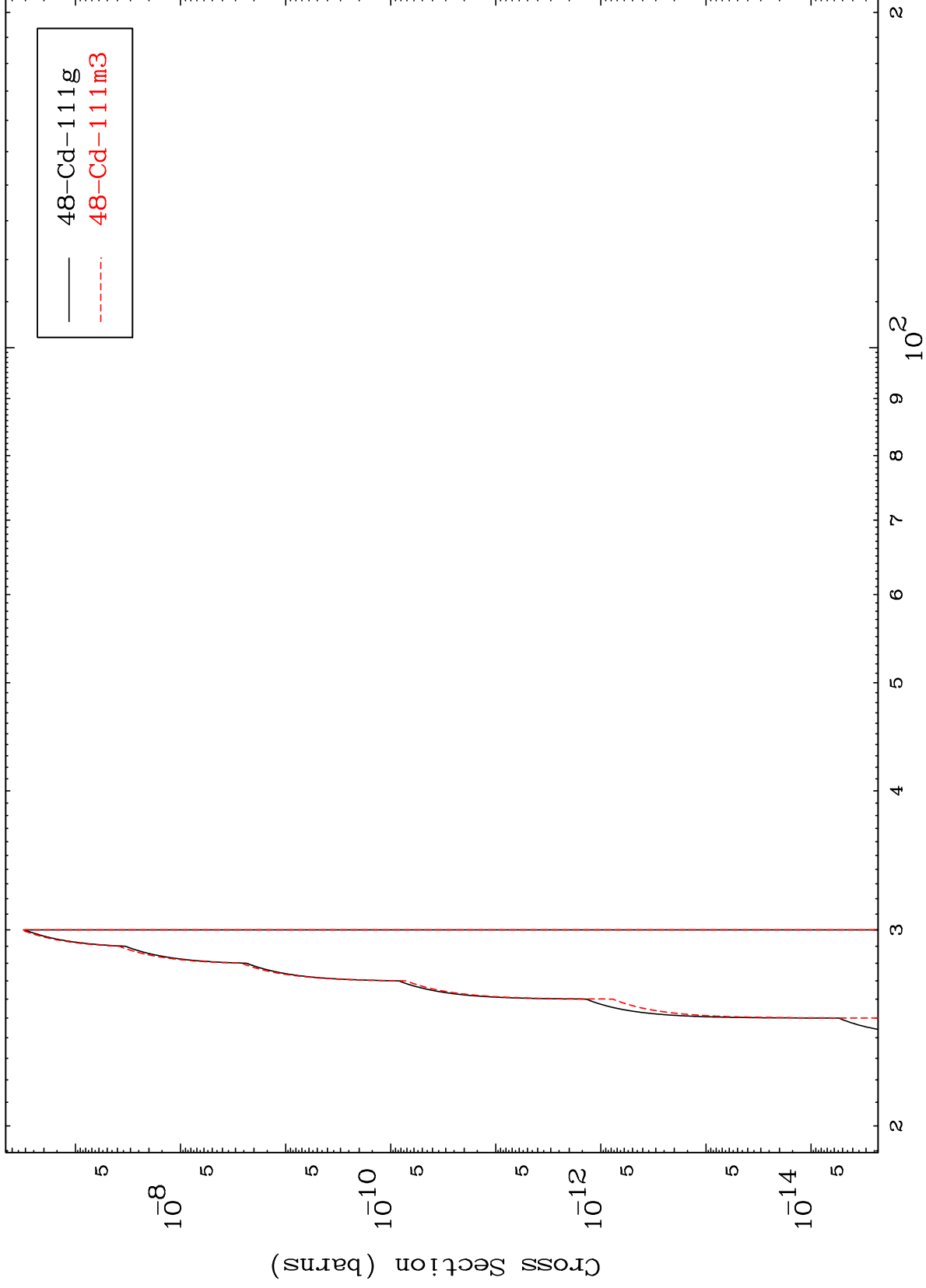
50-Sn-117

MAT 5041

(n,3n) α

50-Sn-117

Radionuclide Production Cross Section



22

Incident Energy (MeV)

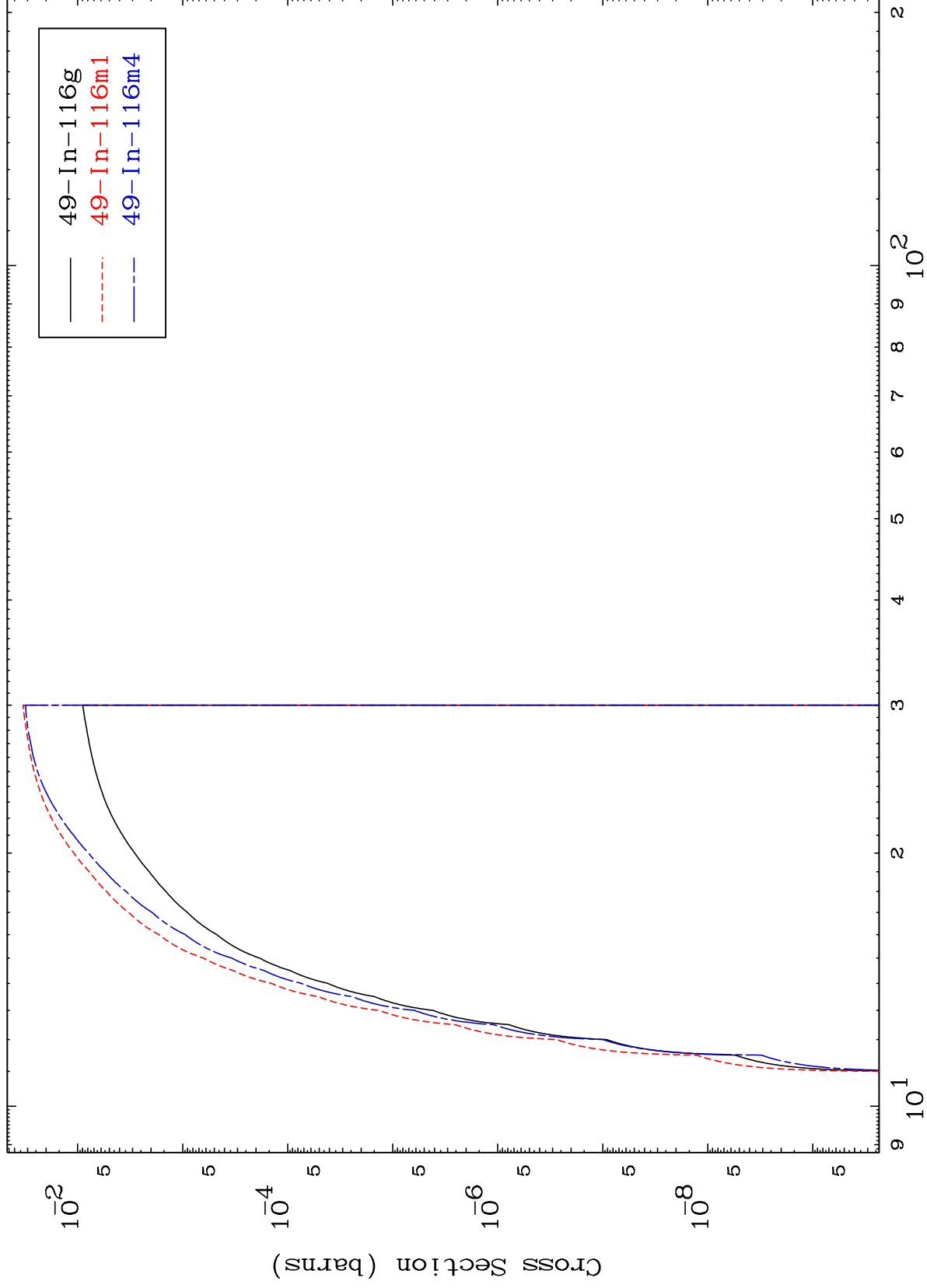
50-Sn-117

MAT 5041

(n,n') p

50-Sn-117

Radionuclide Production Cross Section



23

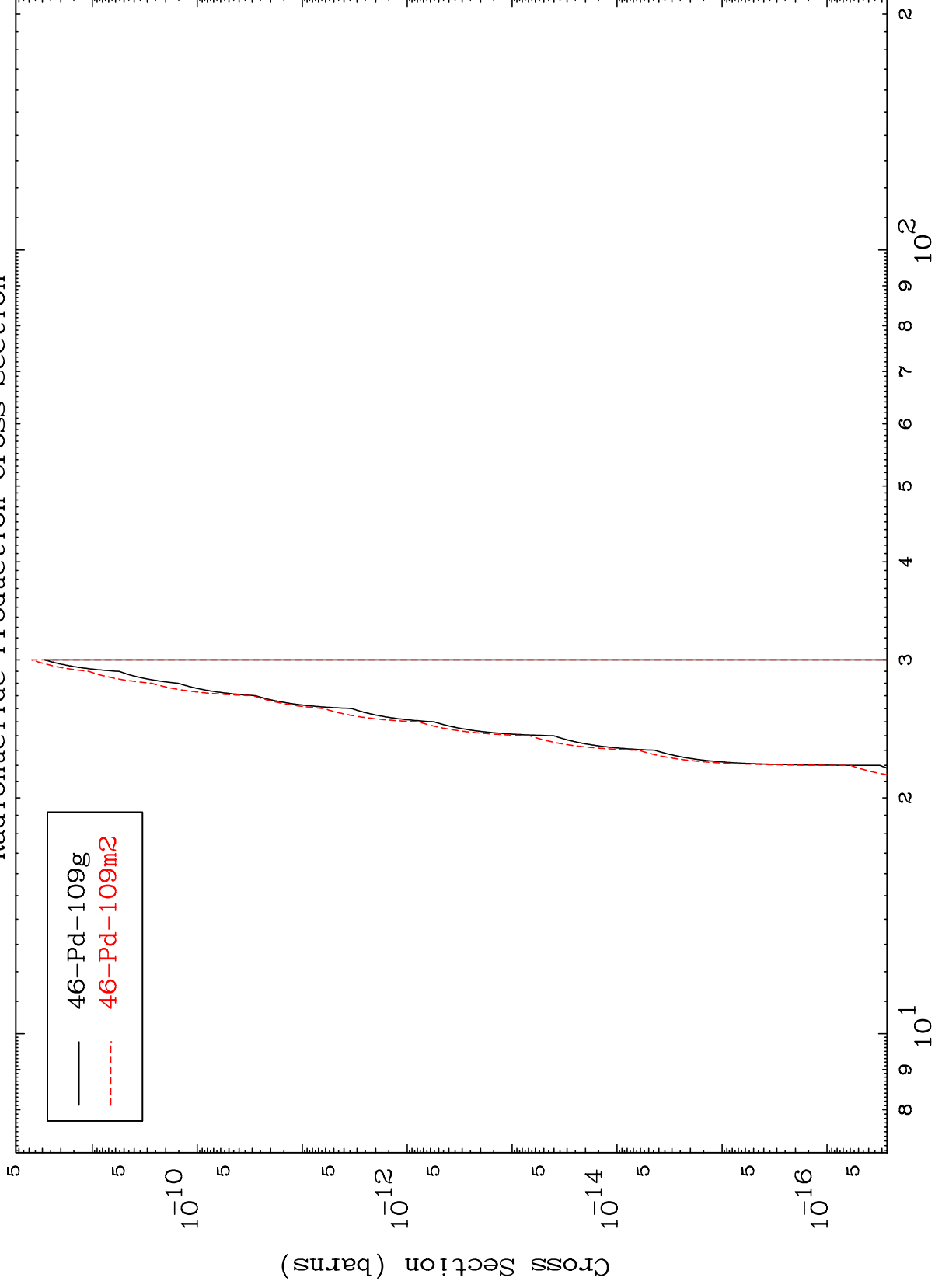
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

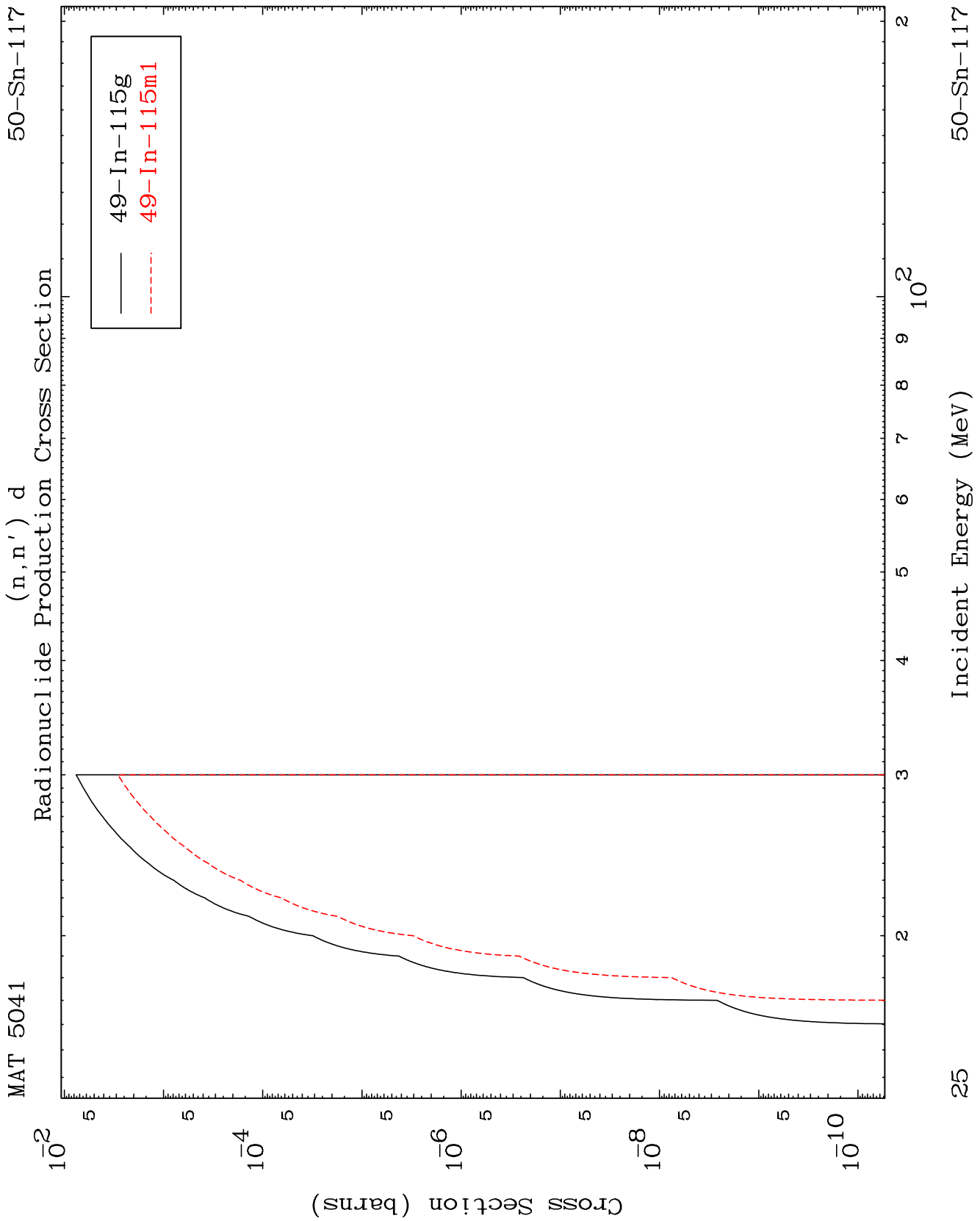
(n,n') 2α
Radionuclide Production Cross Section



24

Incident Energy (MeV)

50-Sn-117

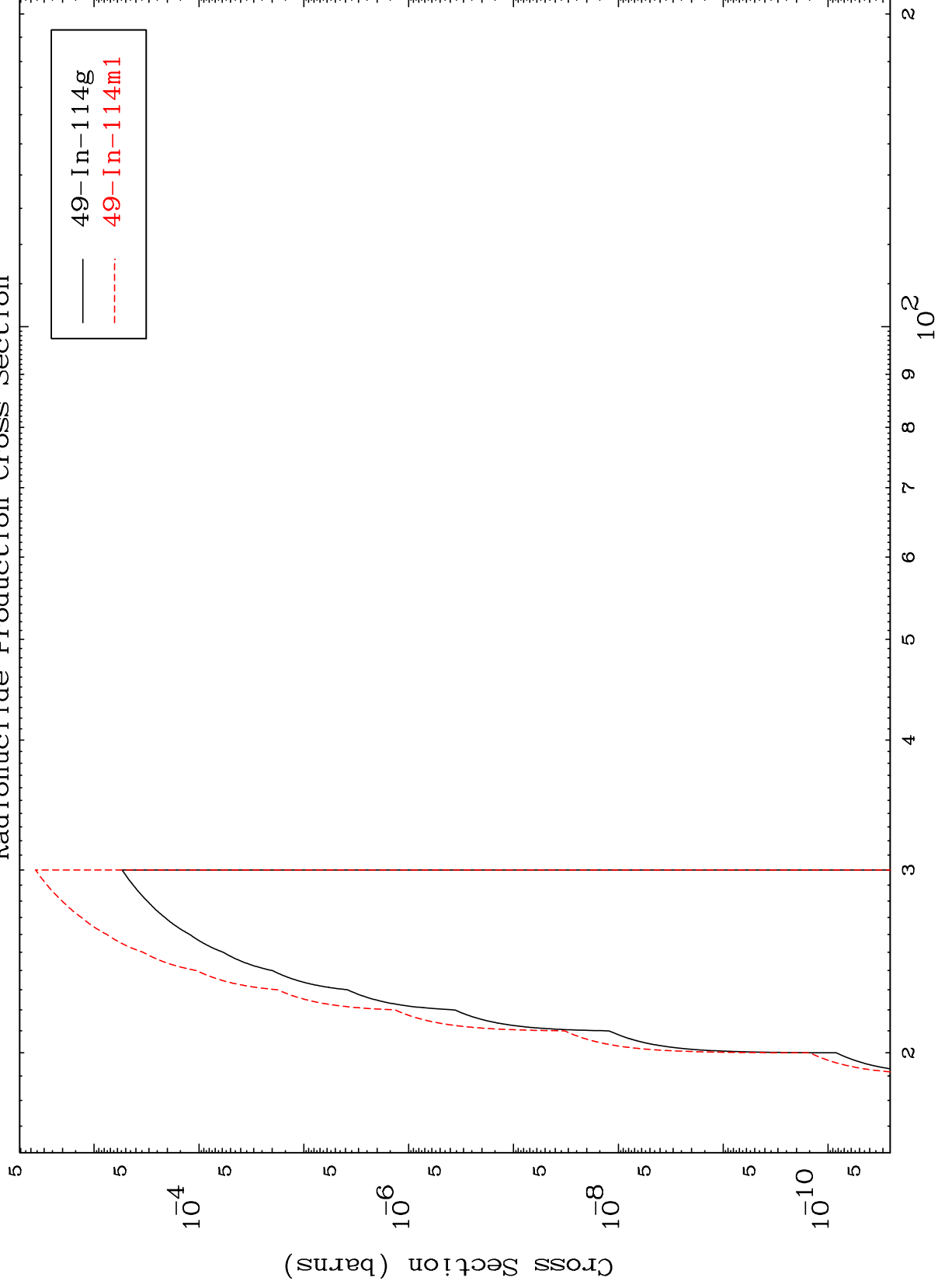


MAT 5041

(n,n') t

50-Sn-117

Radionuclide Production Cross Section



26

Incident Energy (MeV)

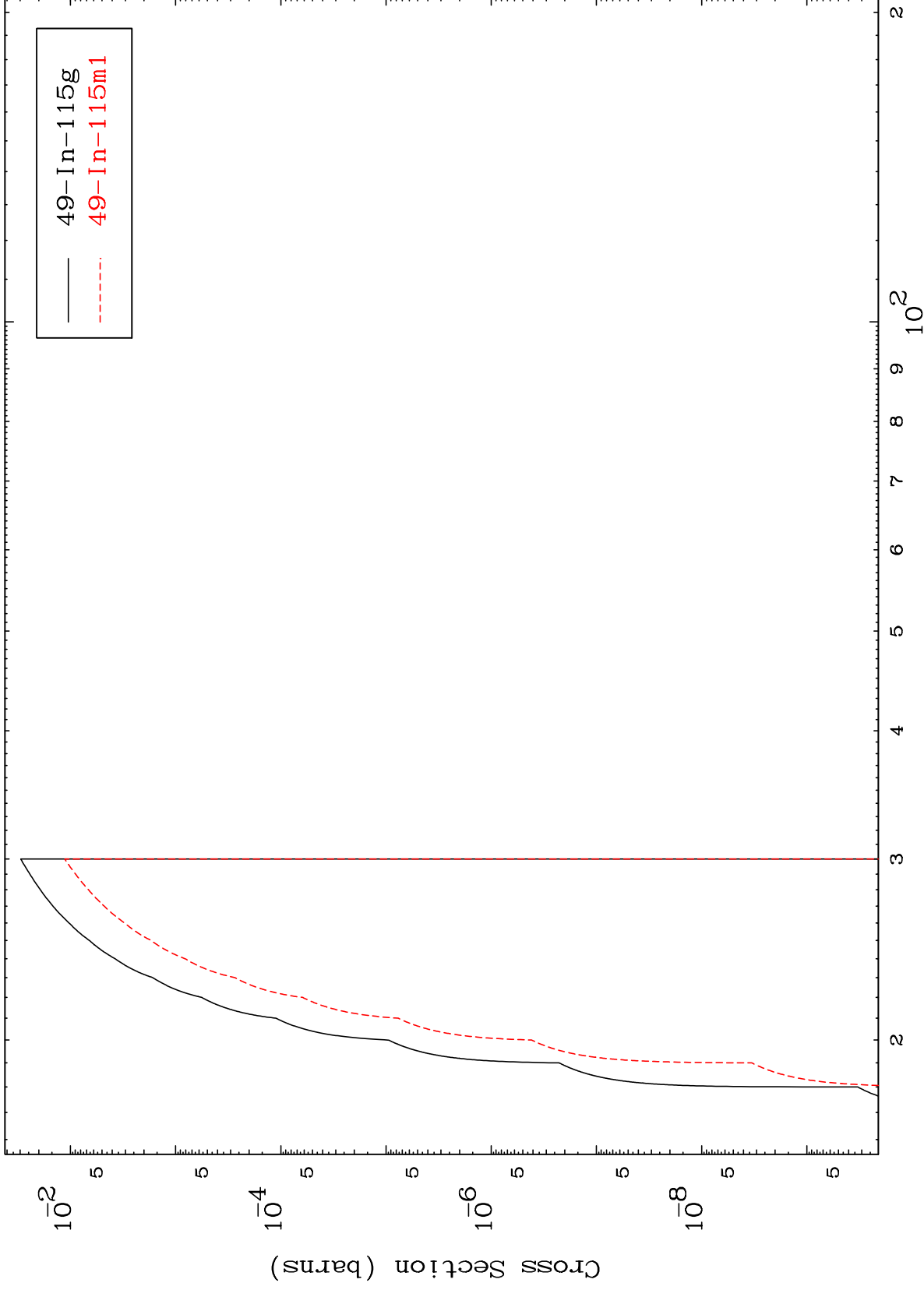
50-Sn-117

MAT 5041

(n,2n) p

50-Sn-117

Radionuclide Production Cross Section



27

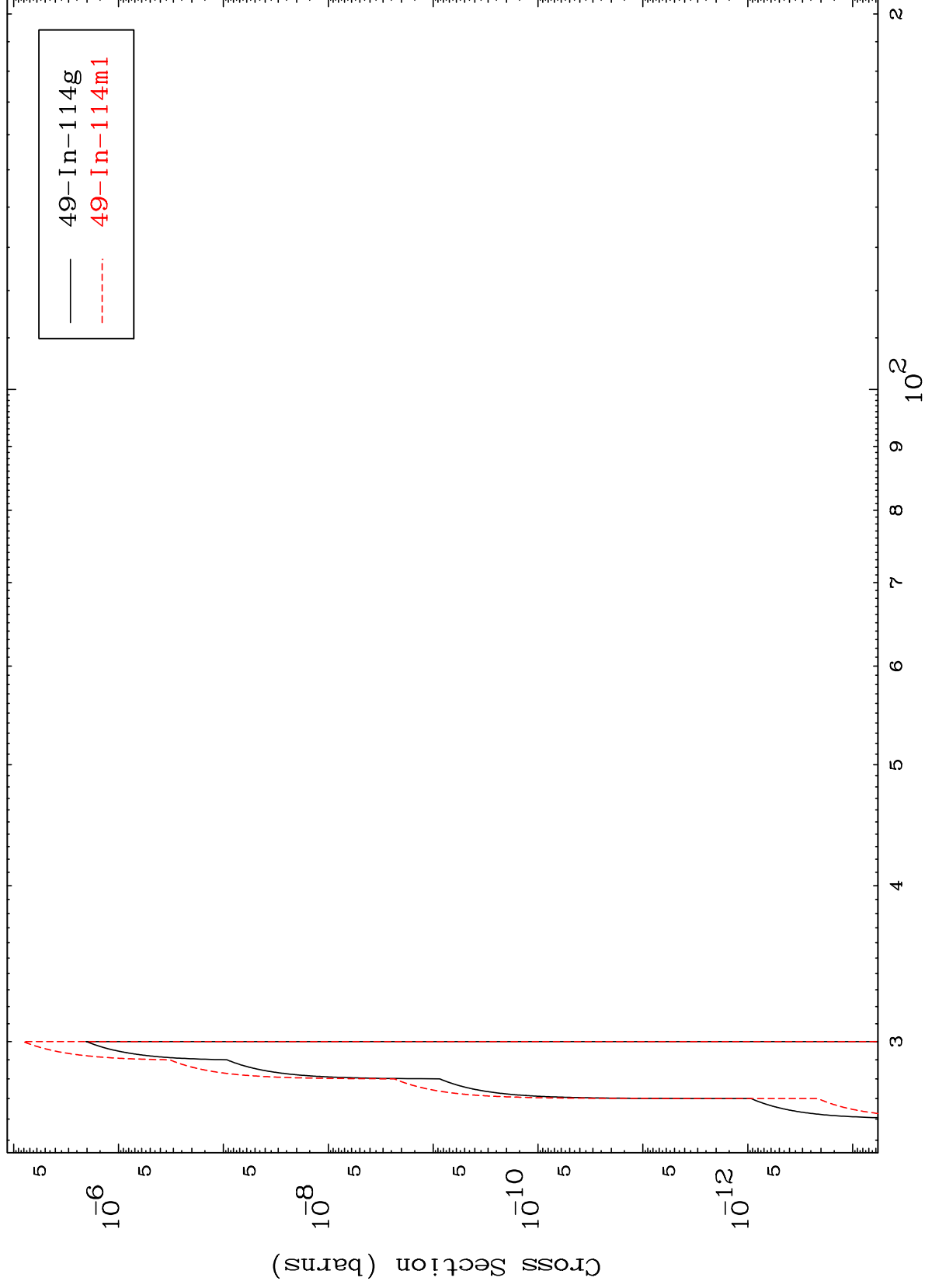
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

(n,3n) p
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

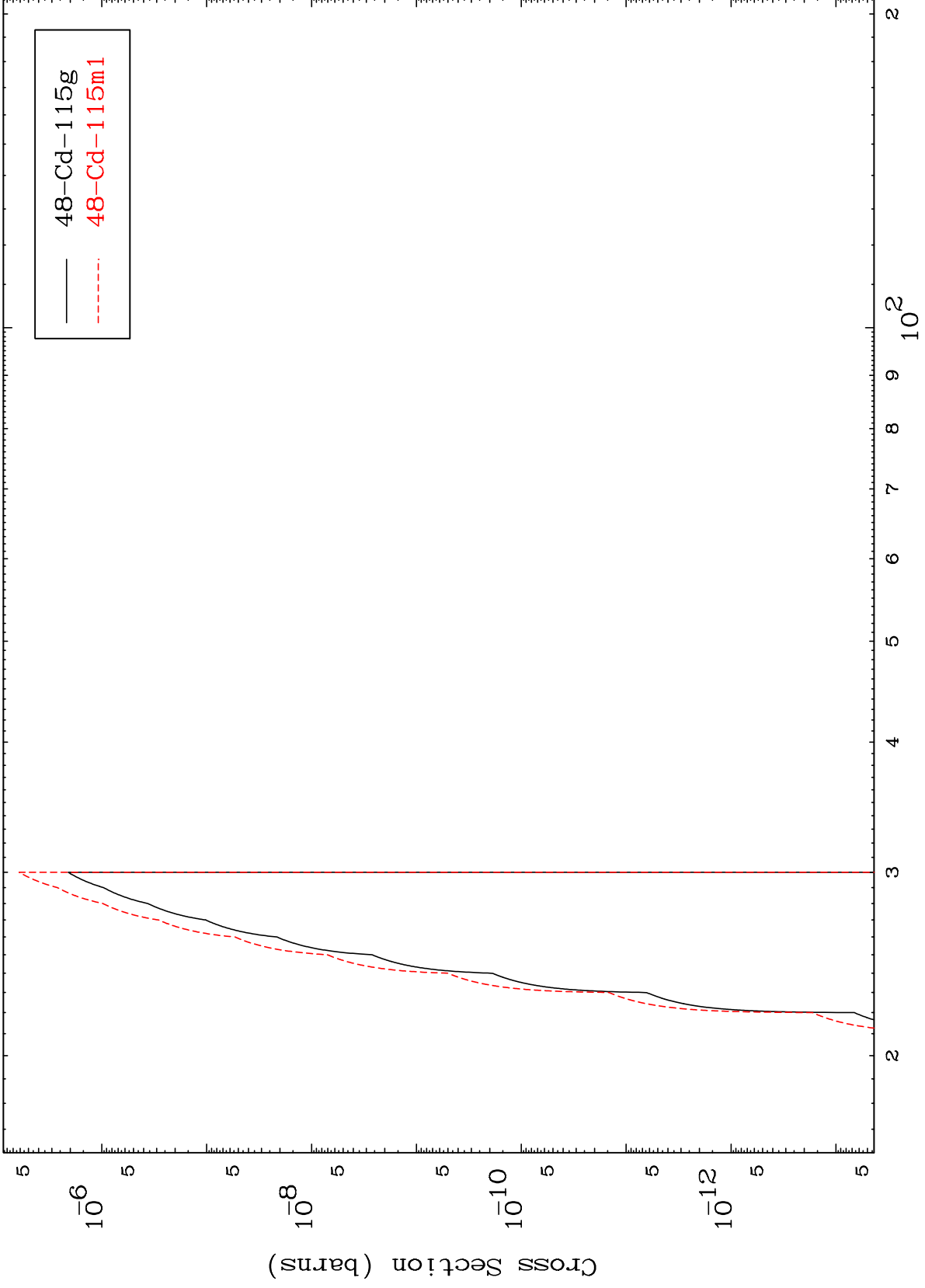
28

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(n,2n) p

50-Sn-117

Radionuclide Production Cross Section



29

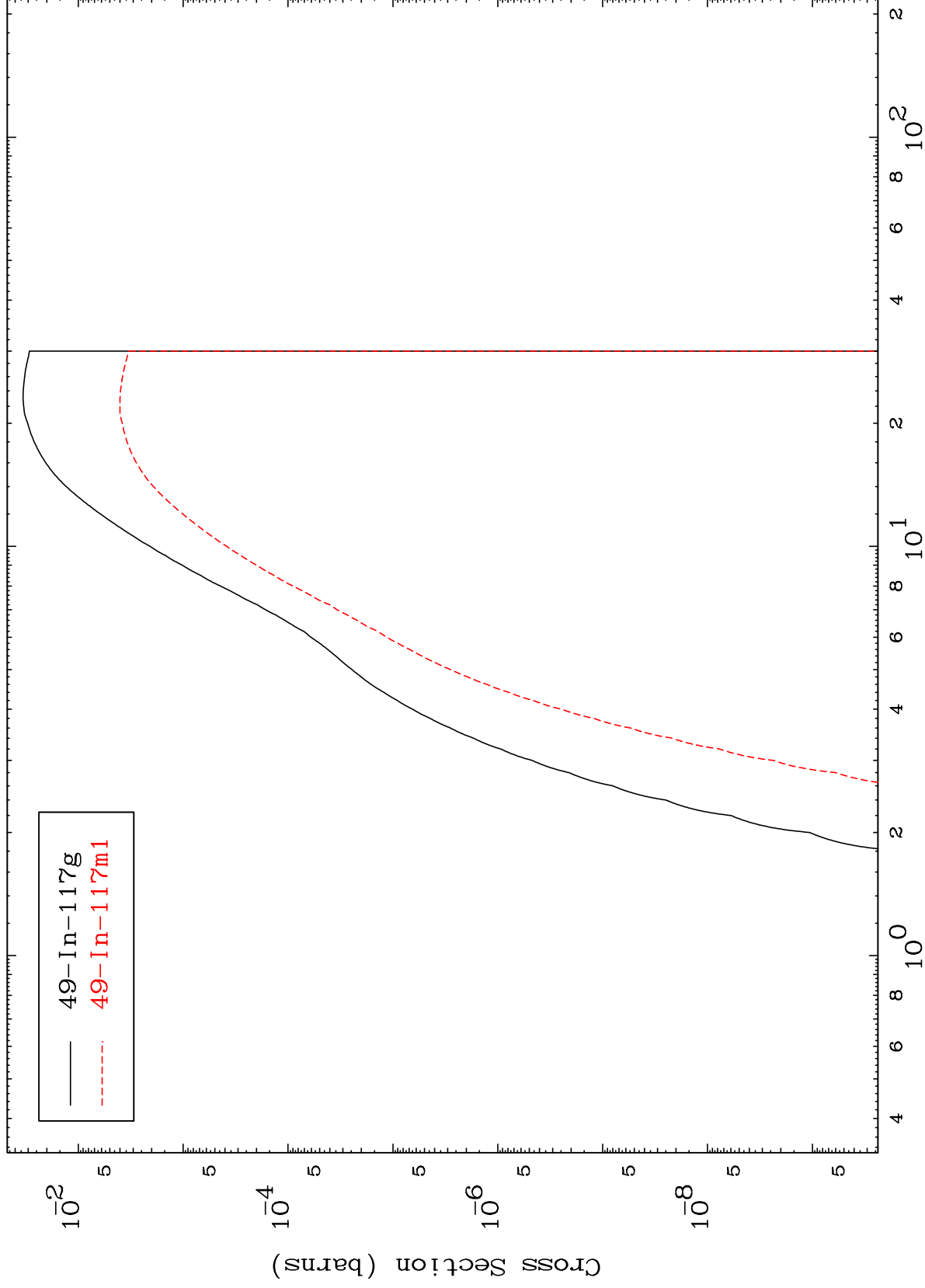
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

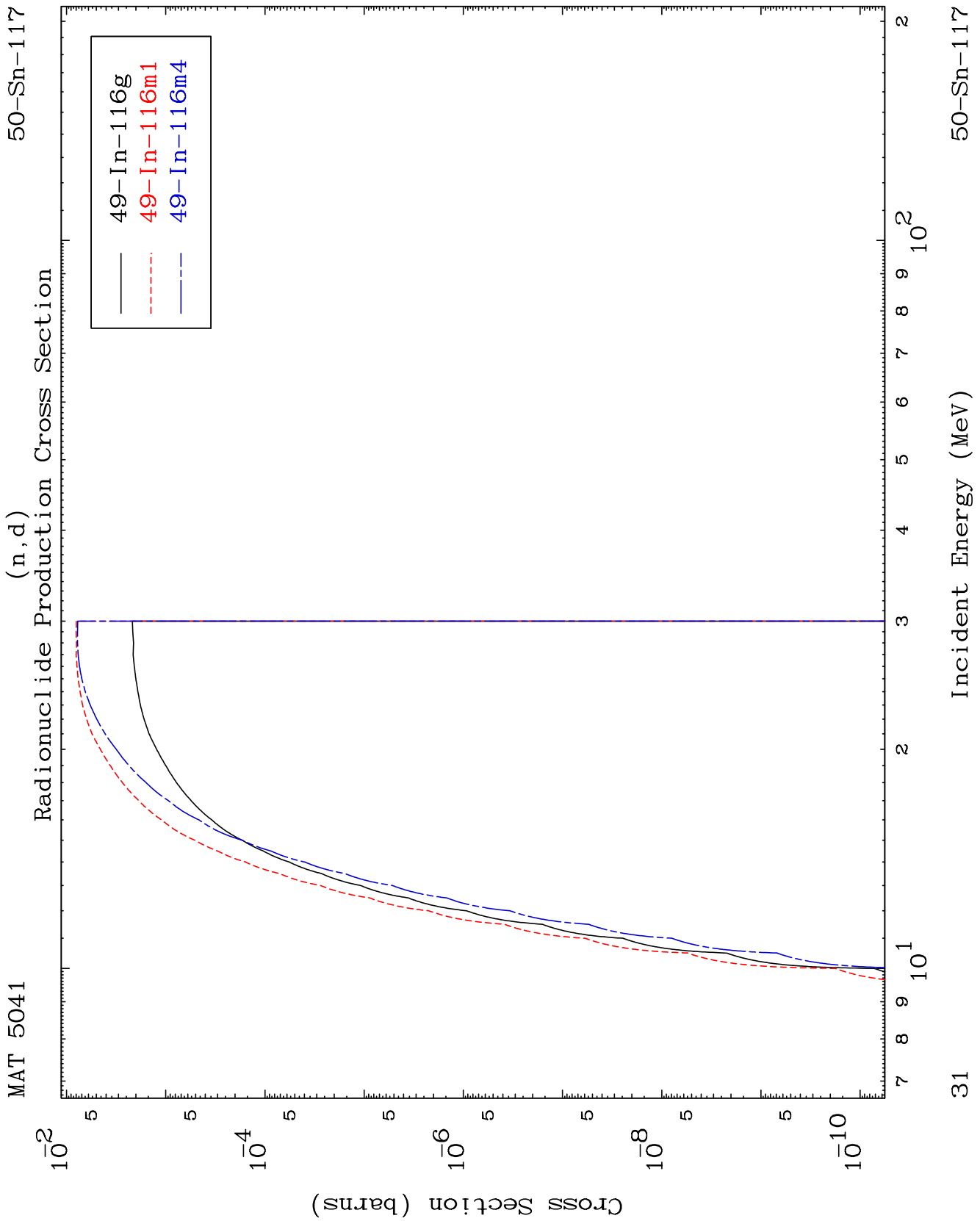
(n,p)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

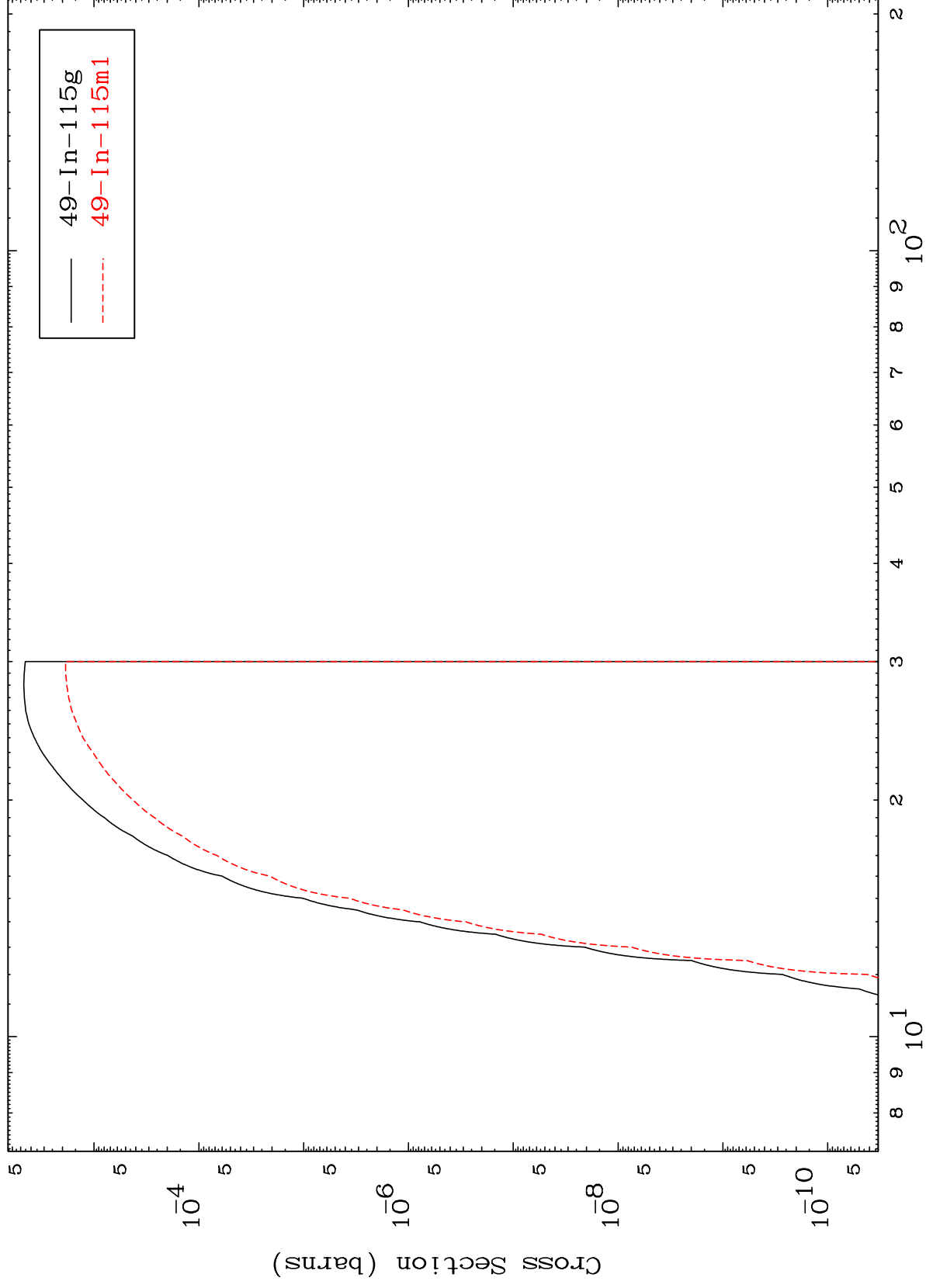
50-Sn-117



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50-Sn-117

(n, t)
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

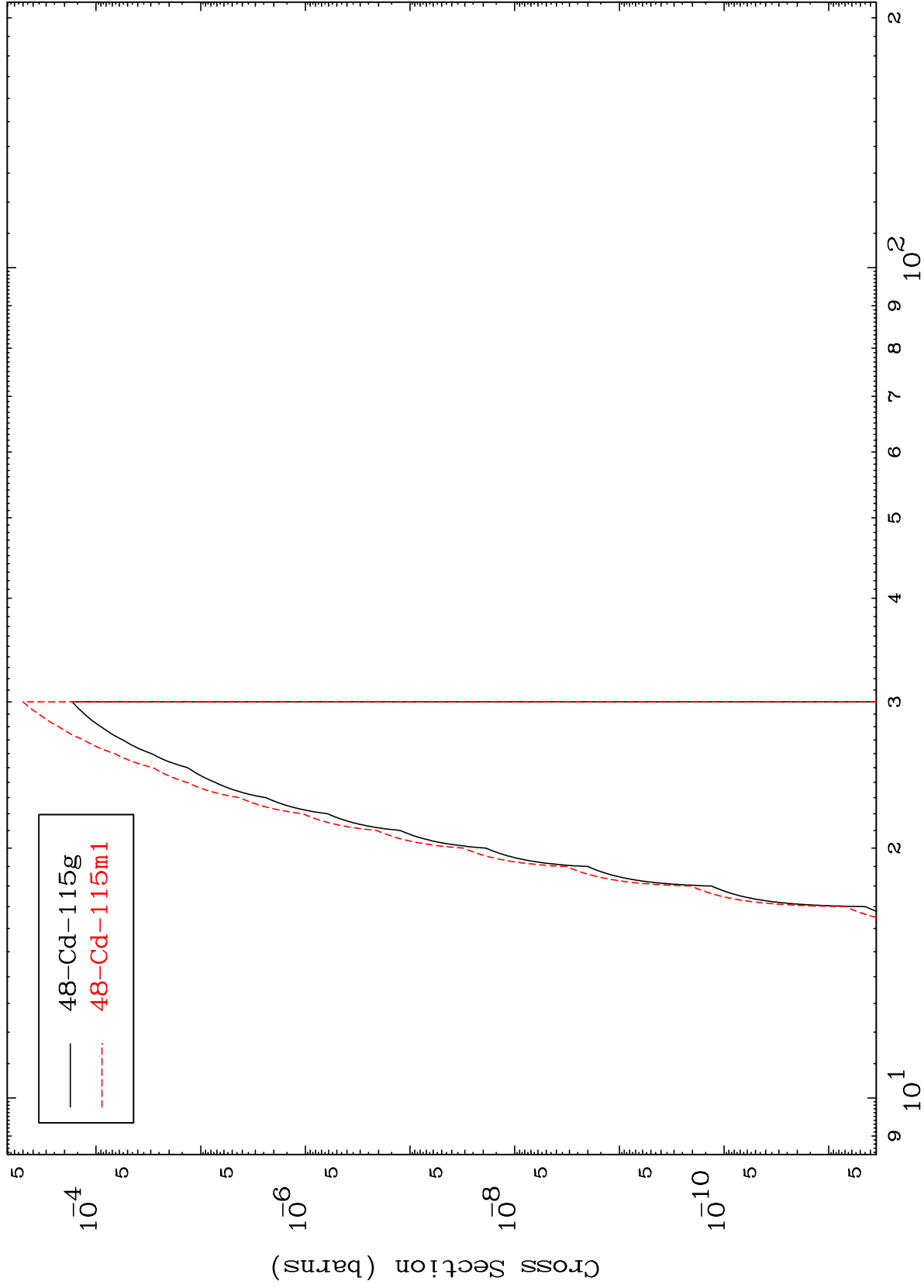
32

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(n,He-3)

50-Sn-117

Radionuclide Production Cross Section



33

Incident Energy (MeV)

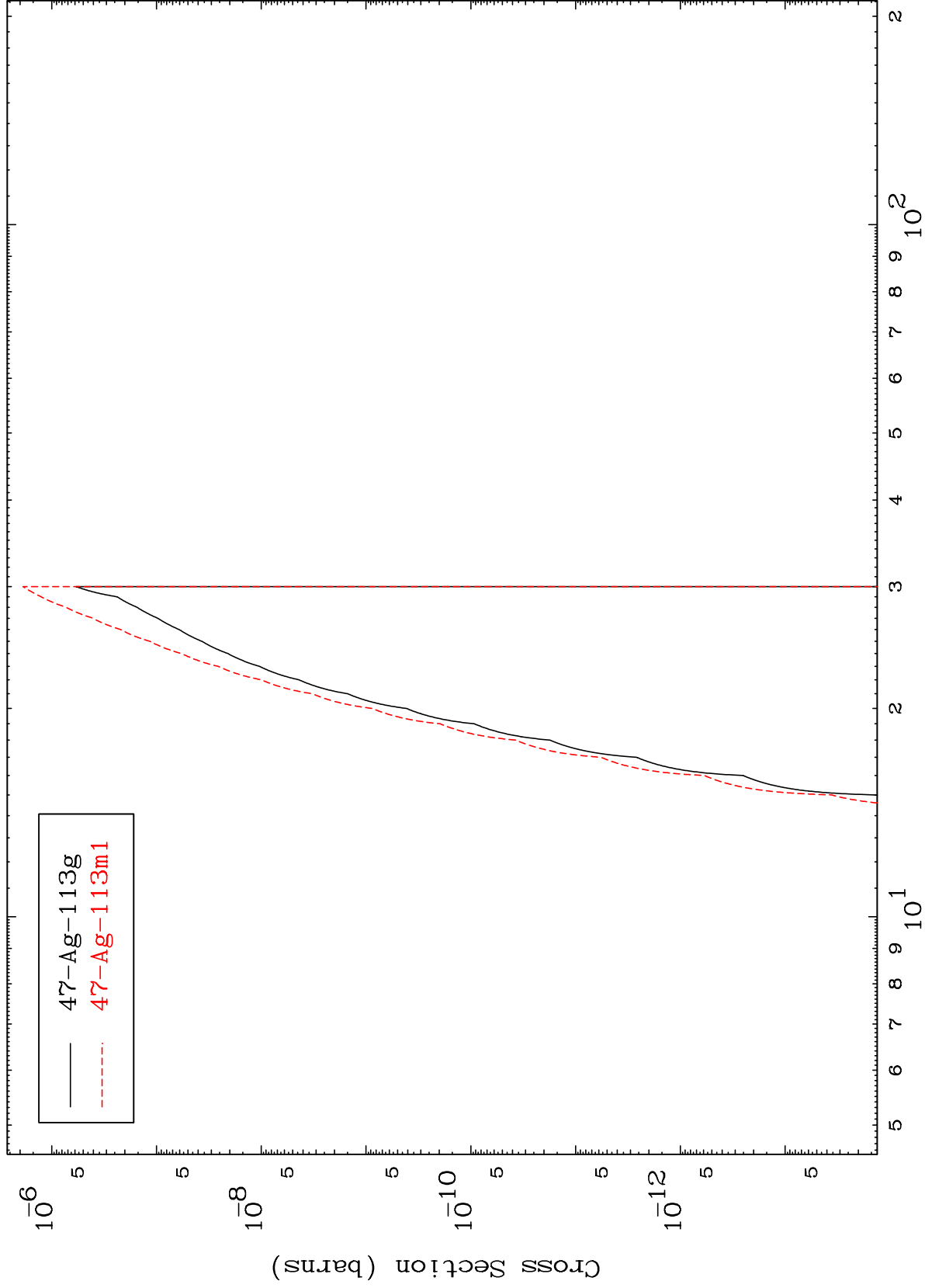
50-Sn-117

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50-Sn-117

(n,p) α

Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

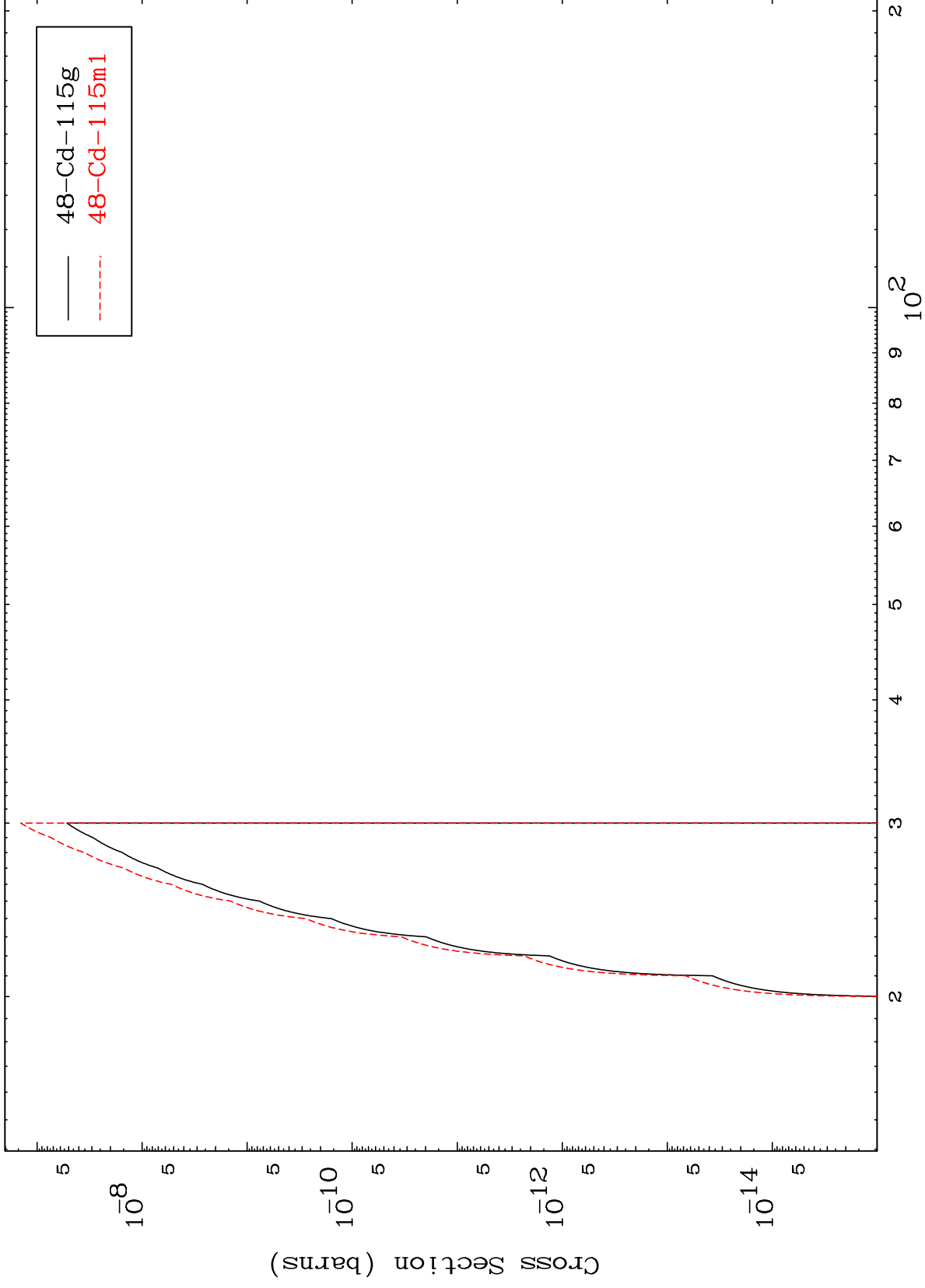
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(n,p) d

50-Sn-117

Radionuclide Production Cross Section



35

Incident Energy (MeV)

50-Sn-117