

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

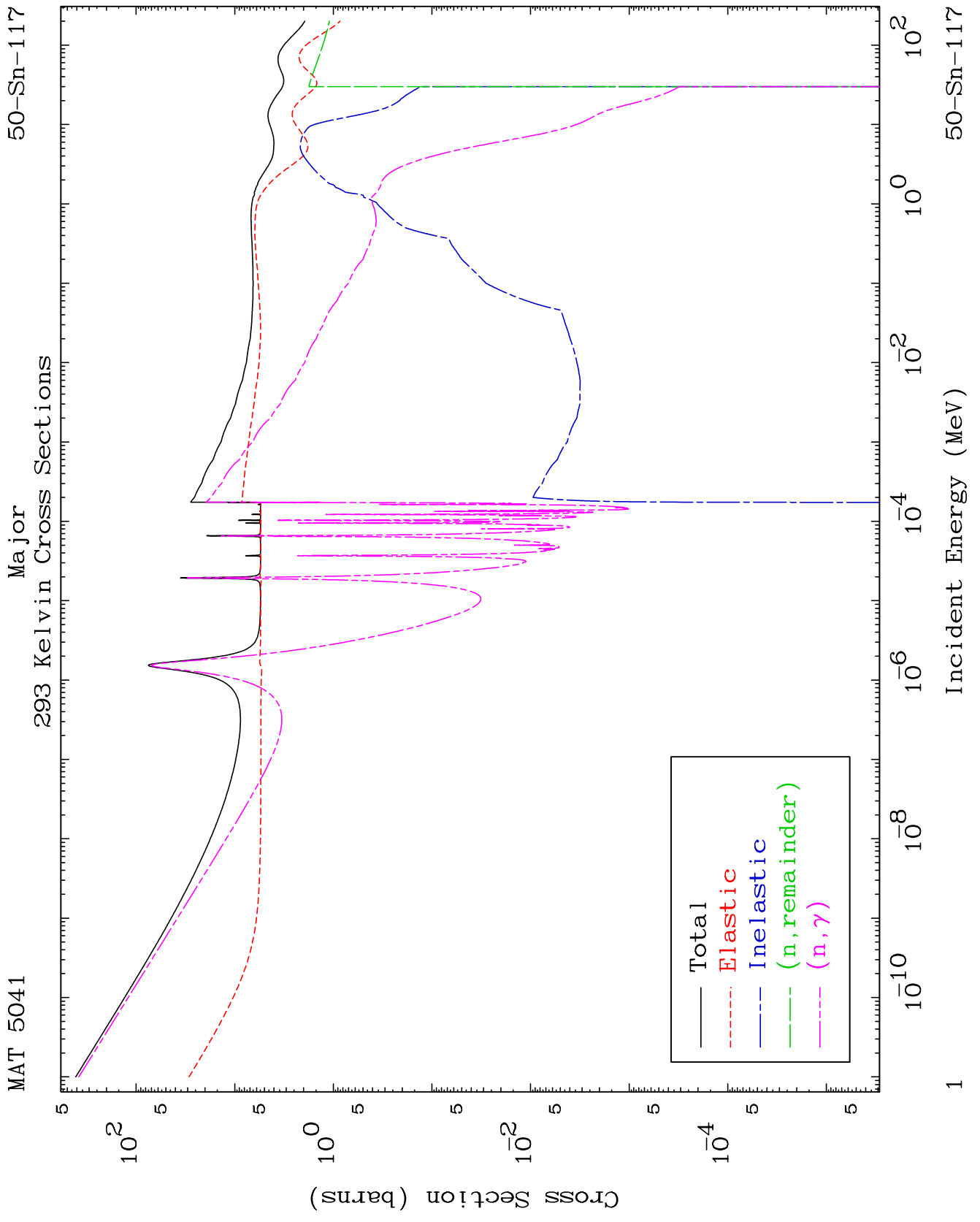
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Web:redcullen1.net/HOMEPAGE.NEW

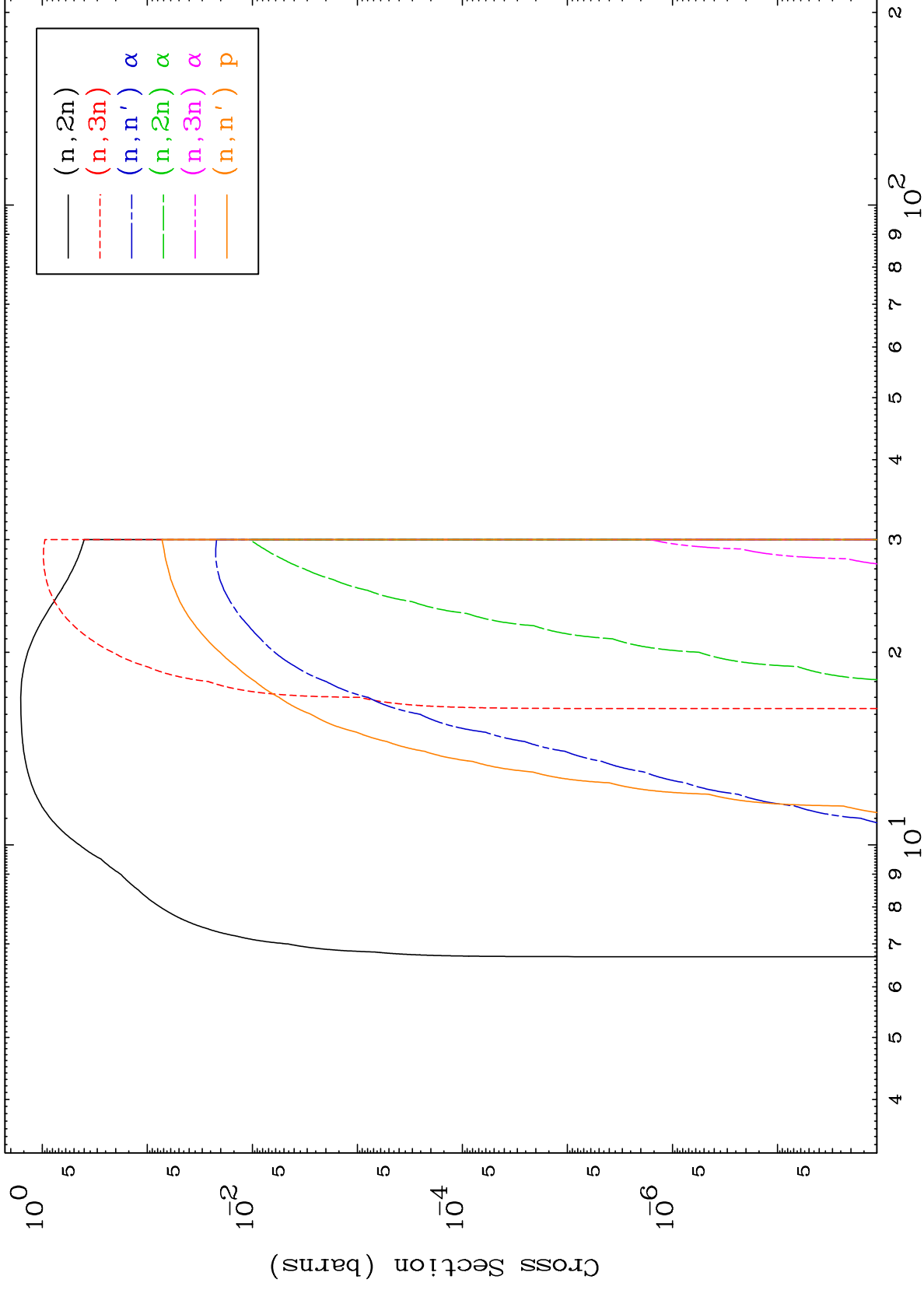
Press Mouse Button to Start



MAT 5041

Neutron Production
293 Kelvin Cross Sections

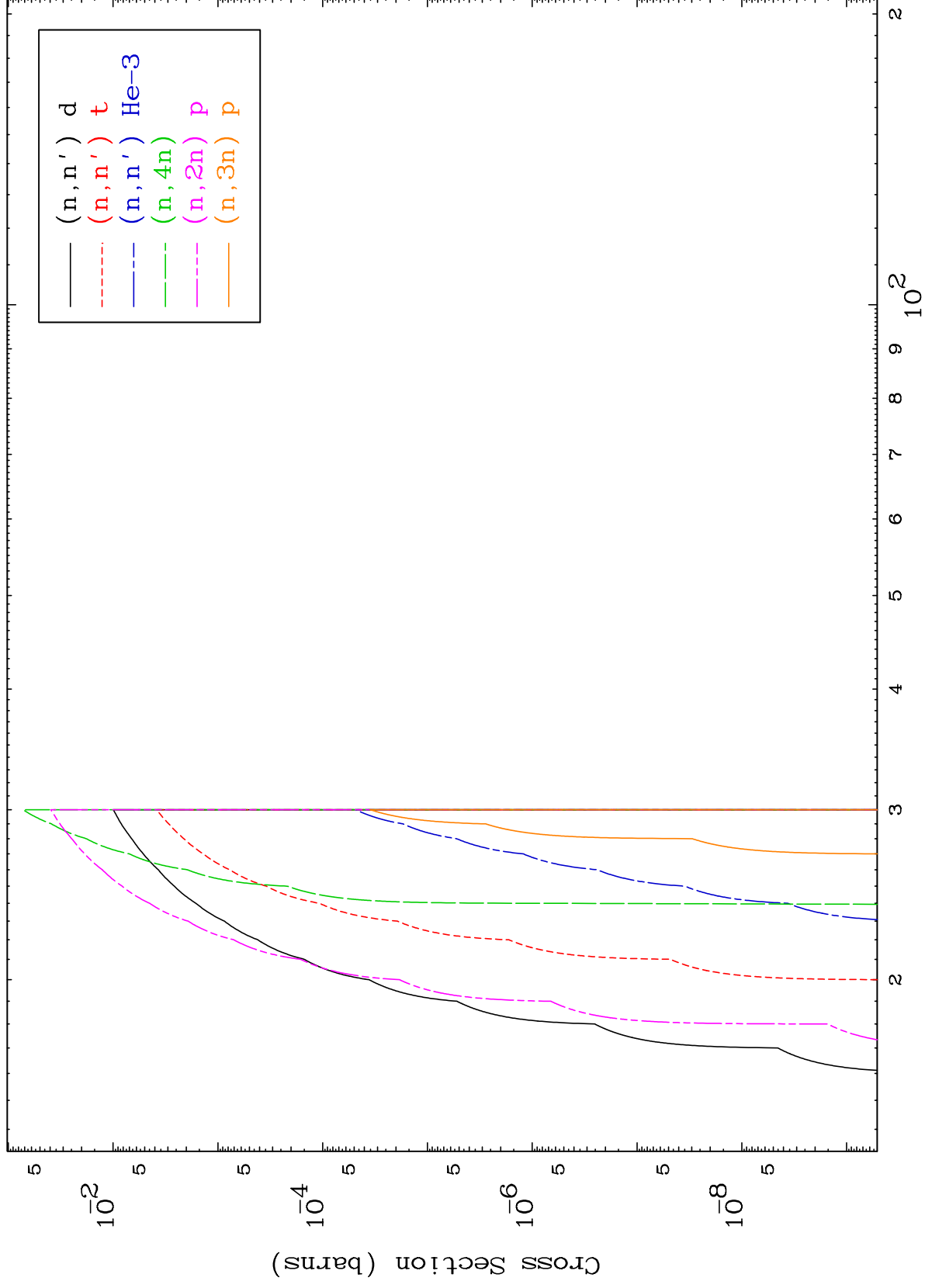
50-Sn-117

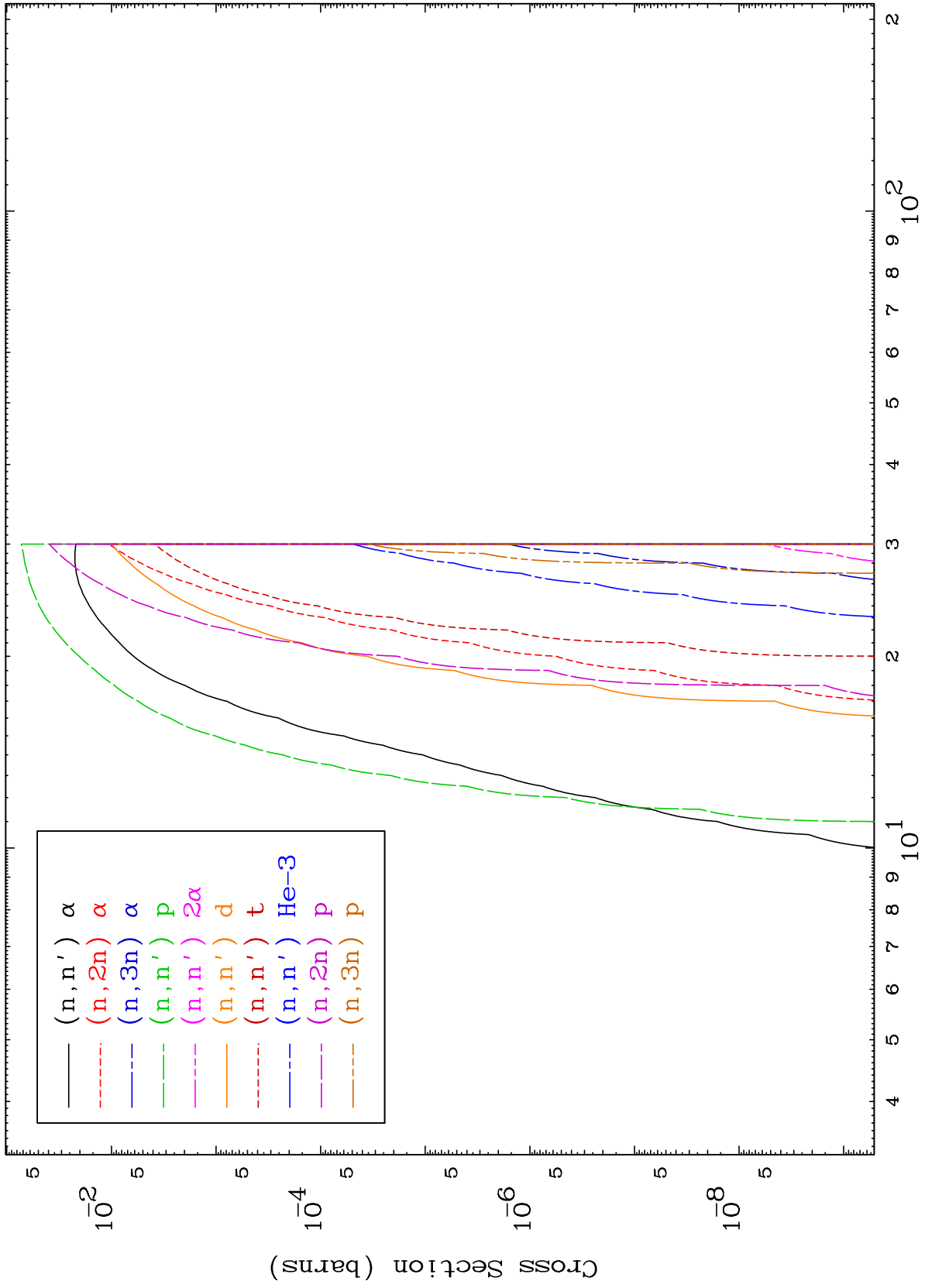


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Incident Energy (MeV)

50-Sn-117

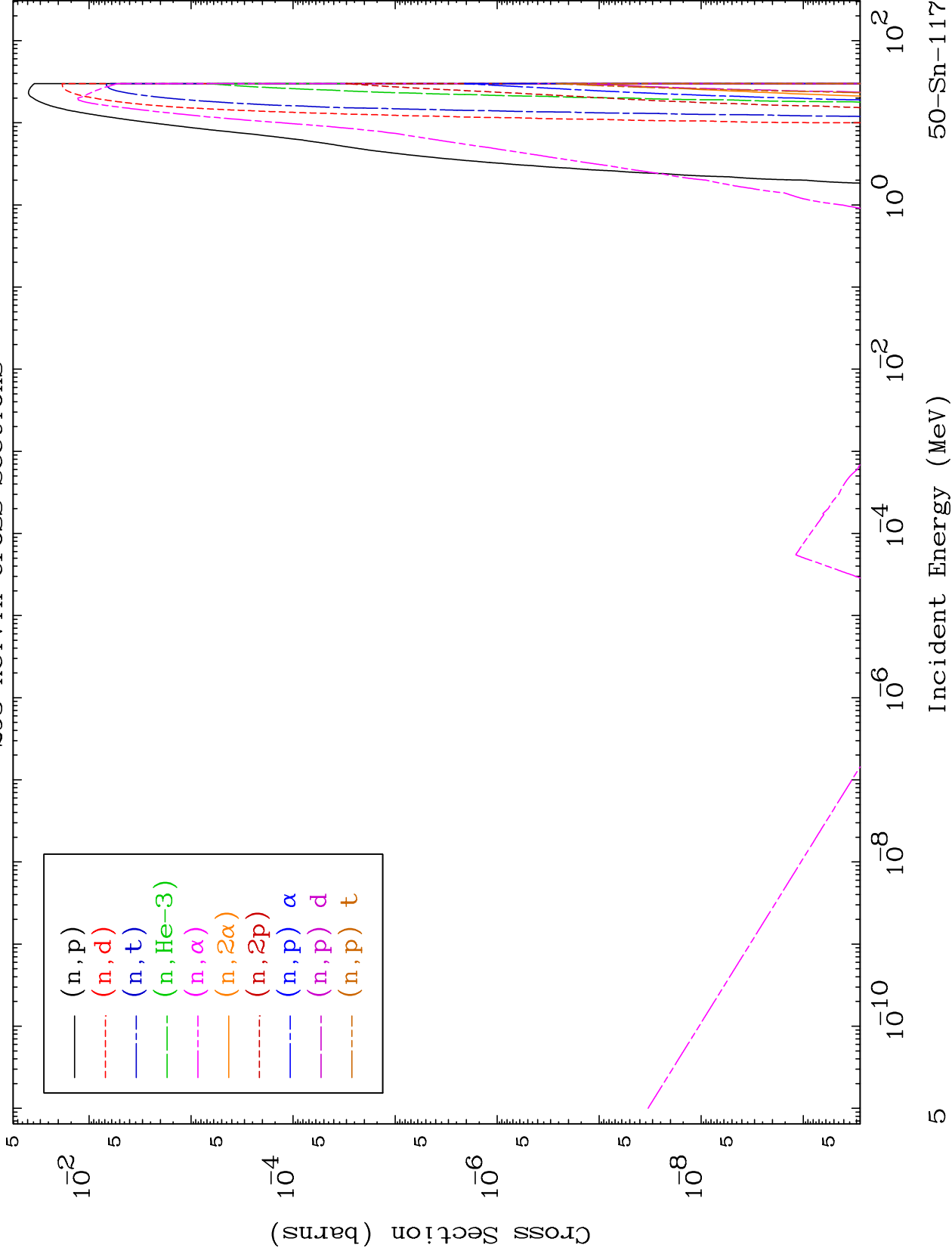




MAT 5041

Charged Particle
293 Kelvin Cross Sections

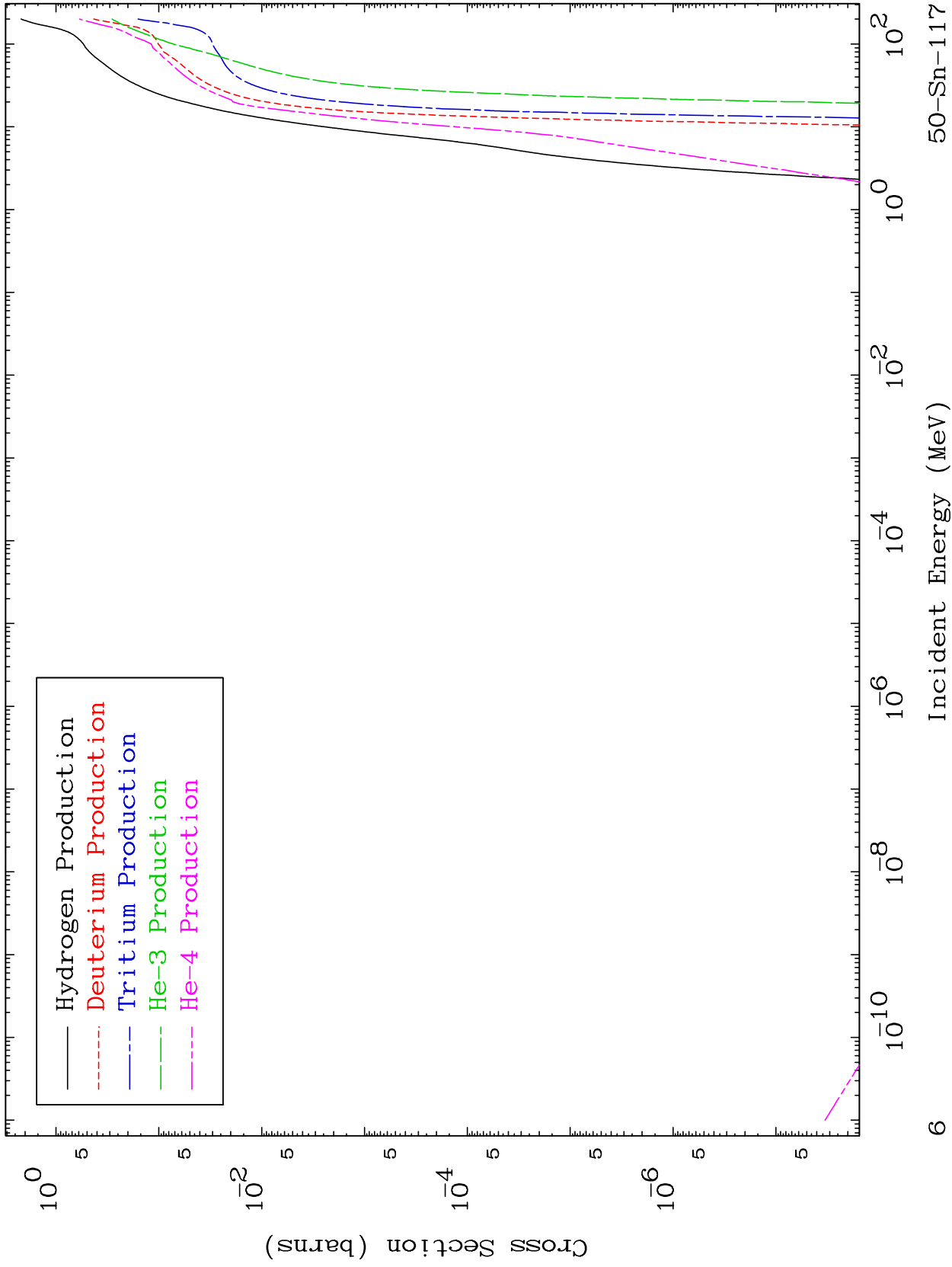
50-Sn-117

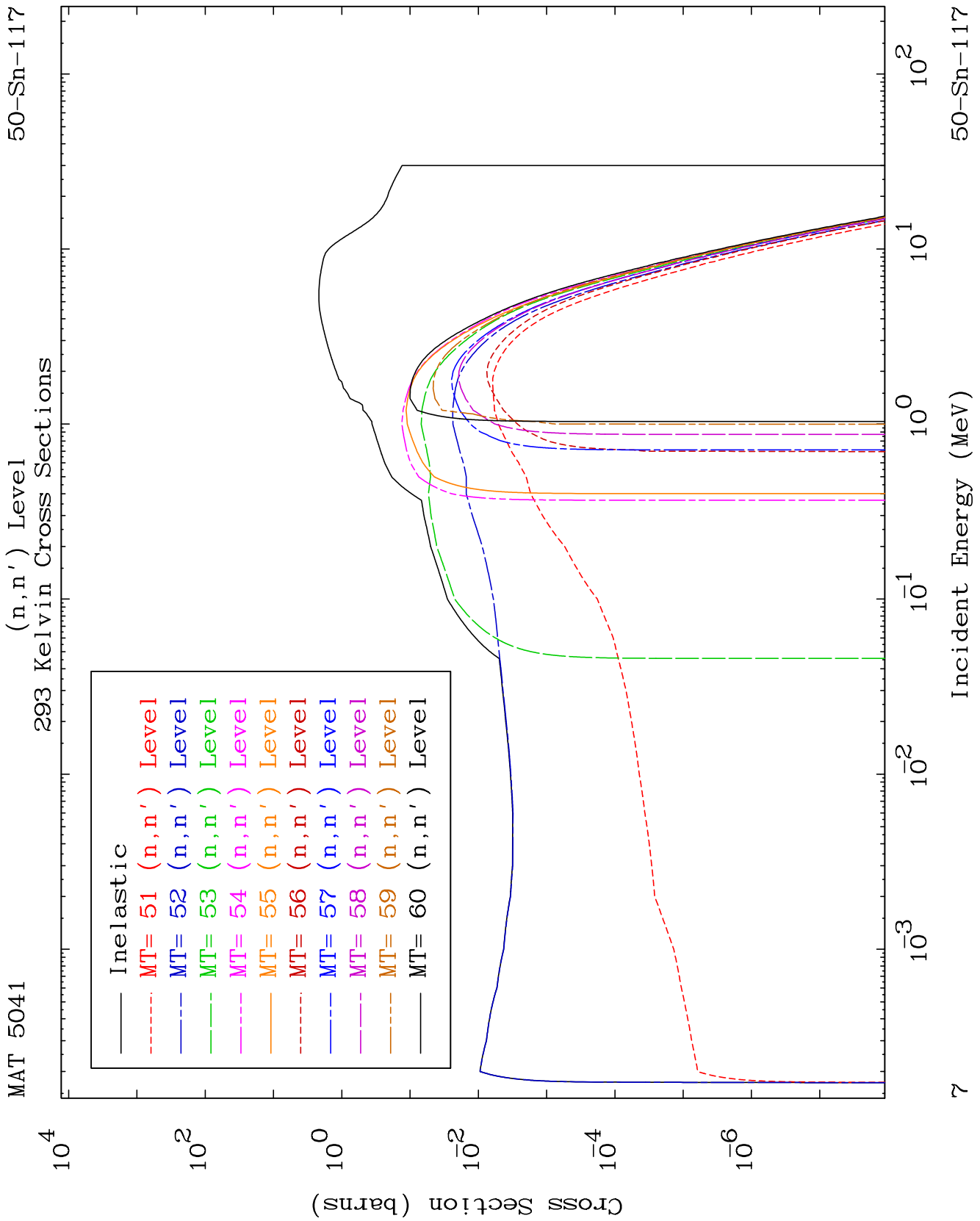


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Particle Production
293 Kelvin Cross Sections

50-Sn-117



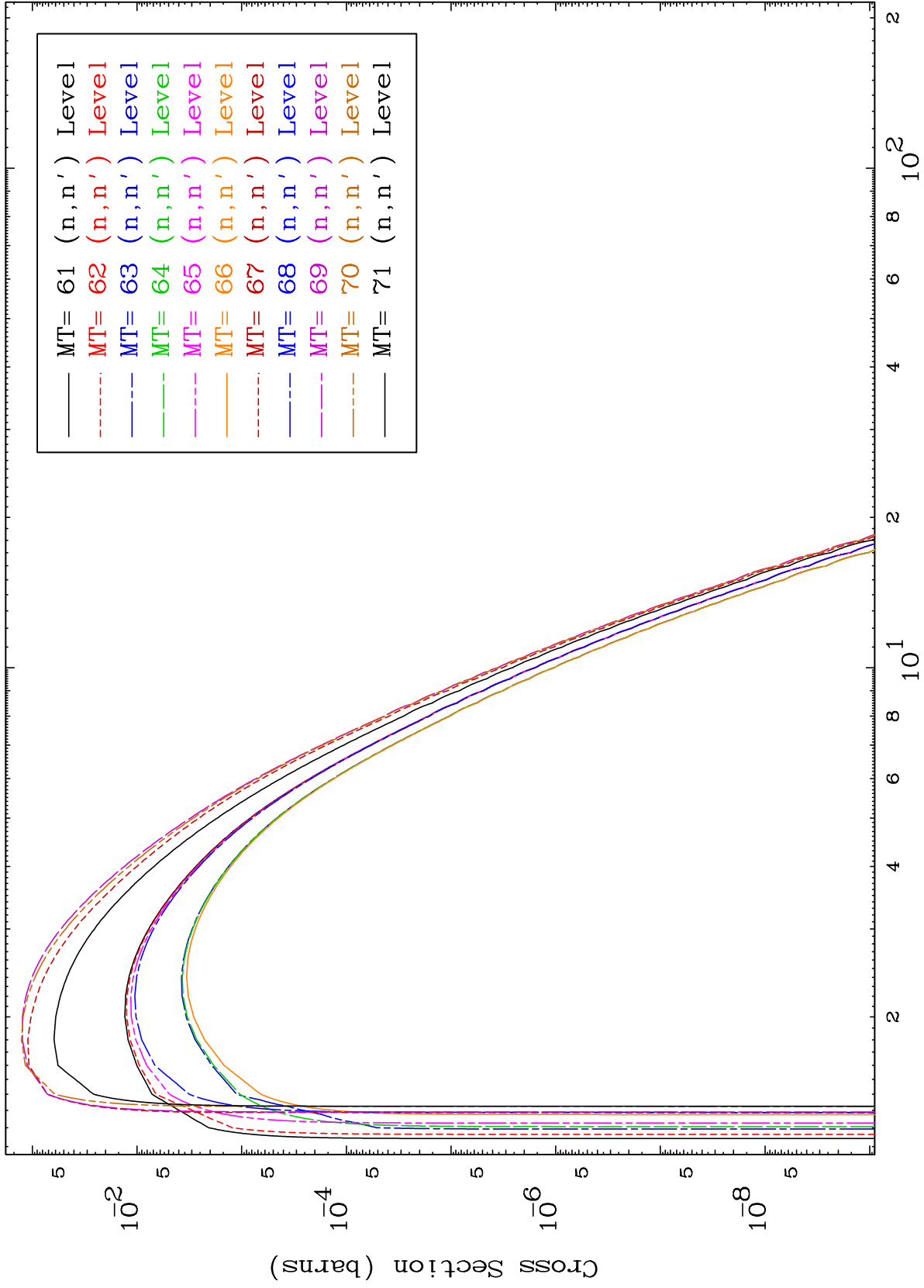


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(n,n') Level

293 Kelvin Cross Sections

50-Sn-117

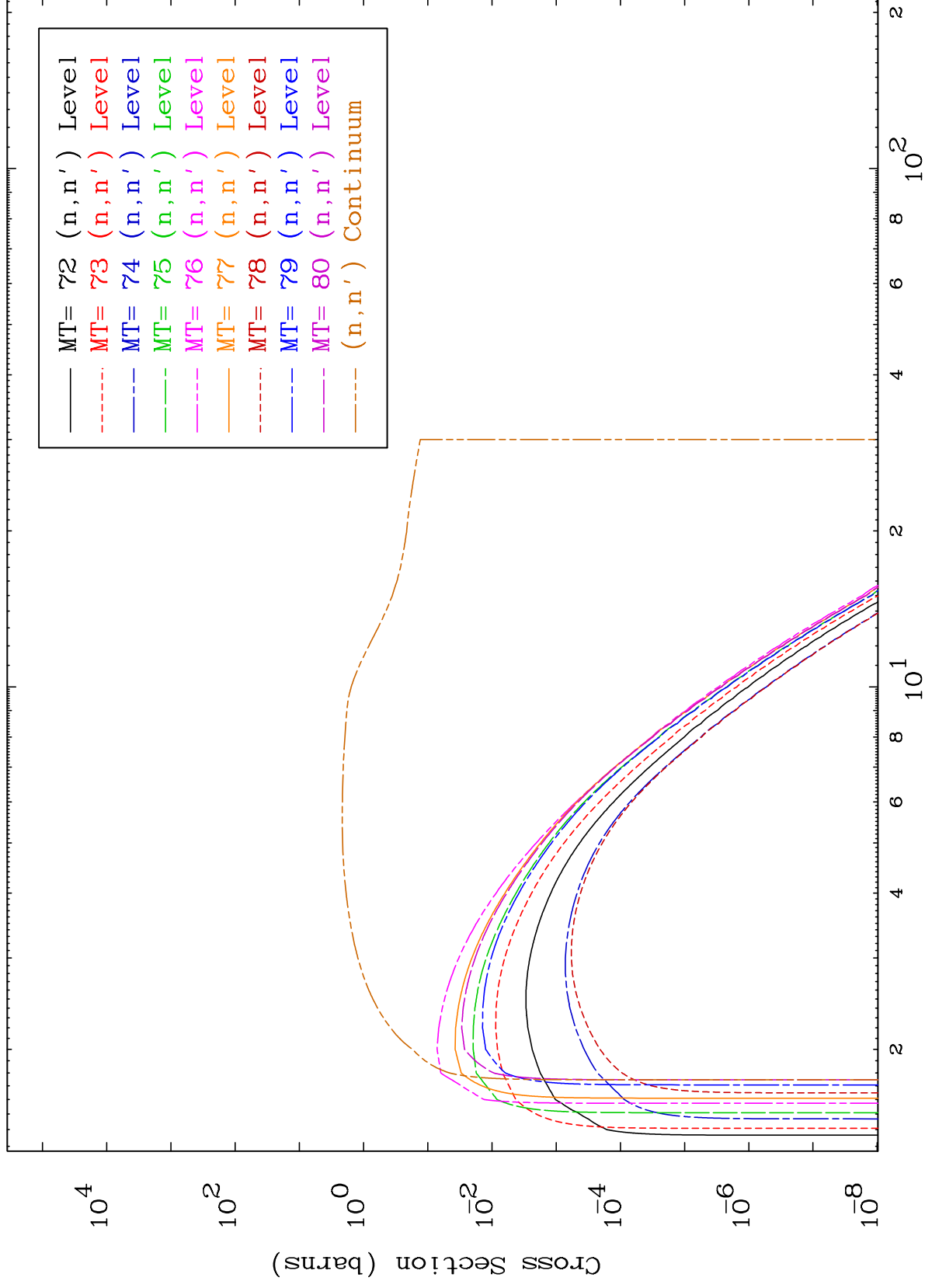


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Incident Energy (MeV)

50-Sn-117

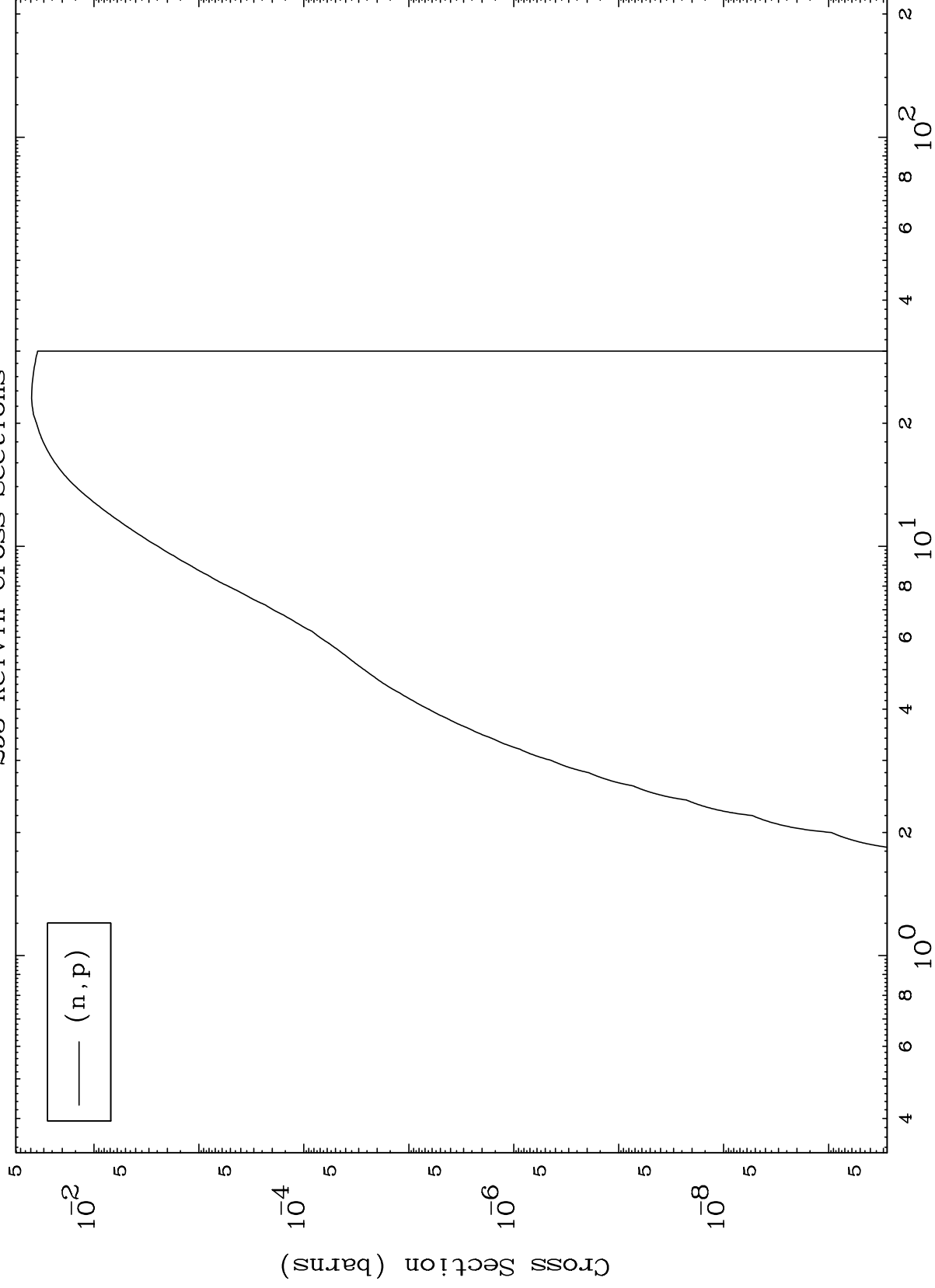
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

50-Sn-117



10

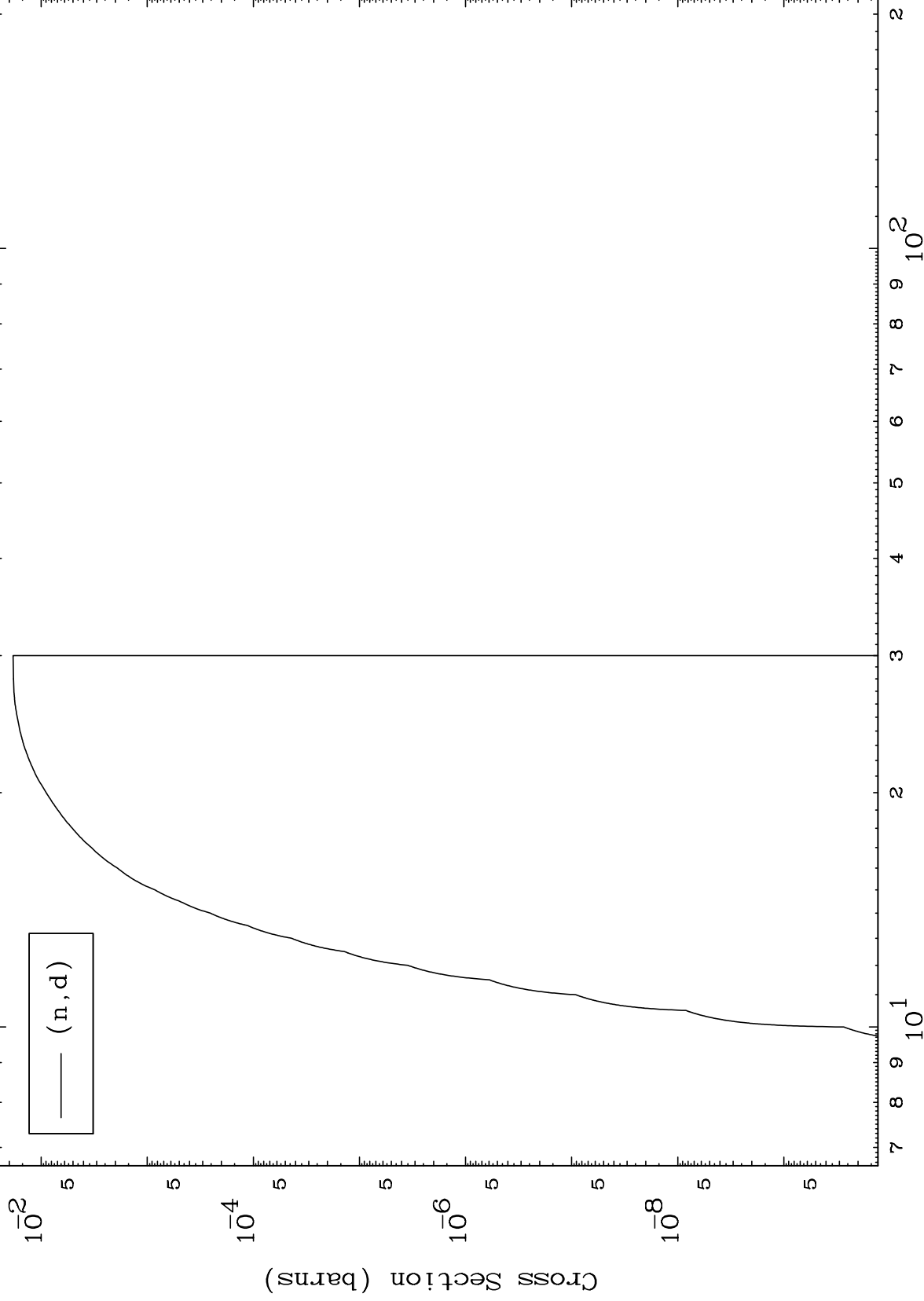
Incident Energy (MeV)

50-Sn-117

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(n,d) Levels
293 Kelvin Cross Sections

50-Sn-117



11

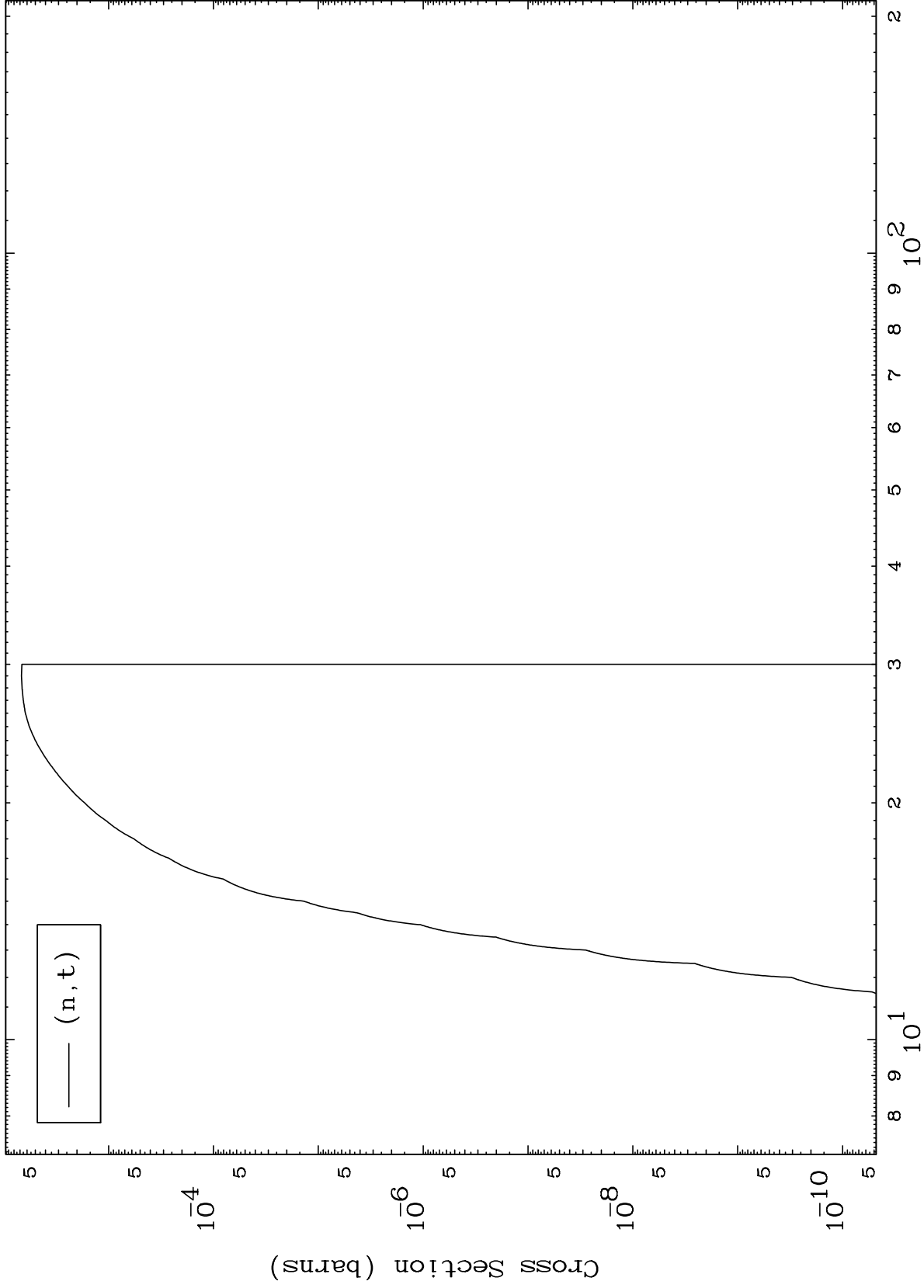
Incident Energy (MeV)

50-Sn-117

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(n,t) Levels
293 Kelvin Cross Sections

50-Sn-117



12

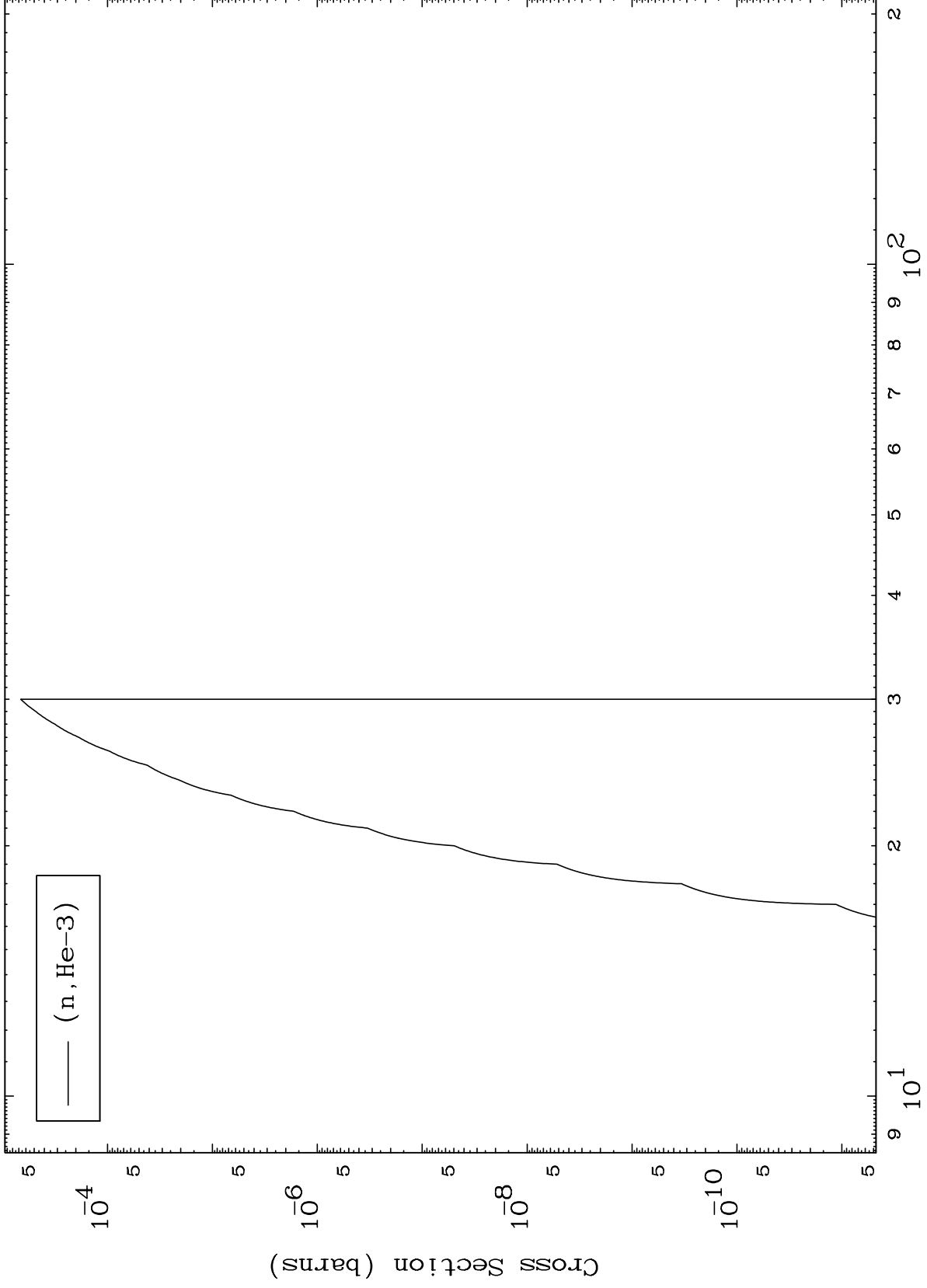
Incident Energy (MeV)

50-Sn-117

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(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-117



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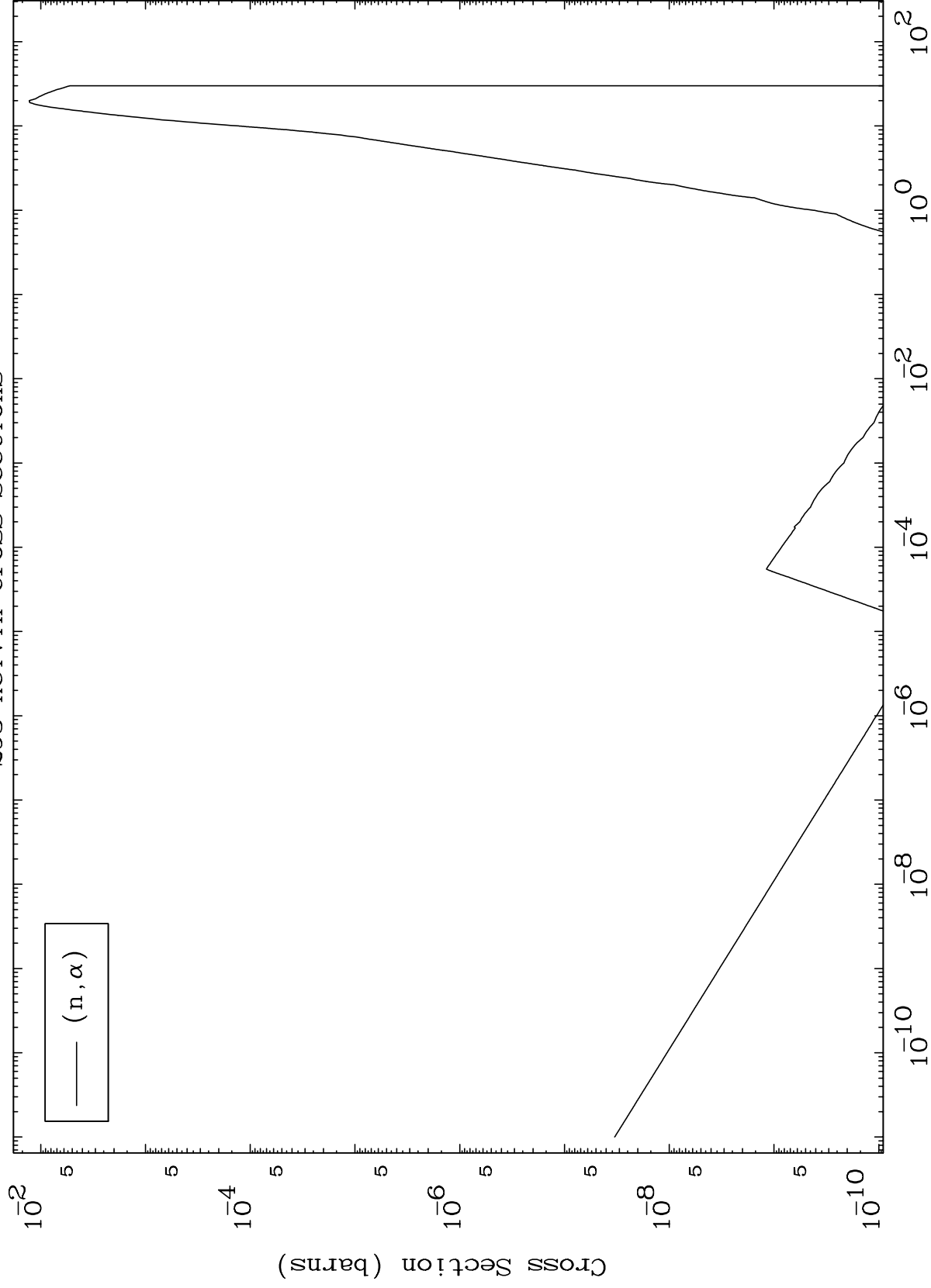
Incident Energy (MeV)

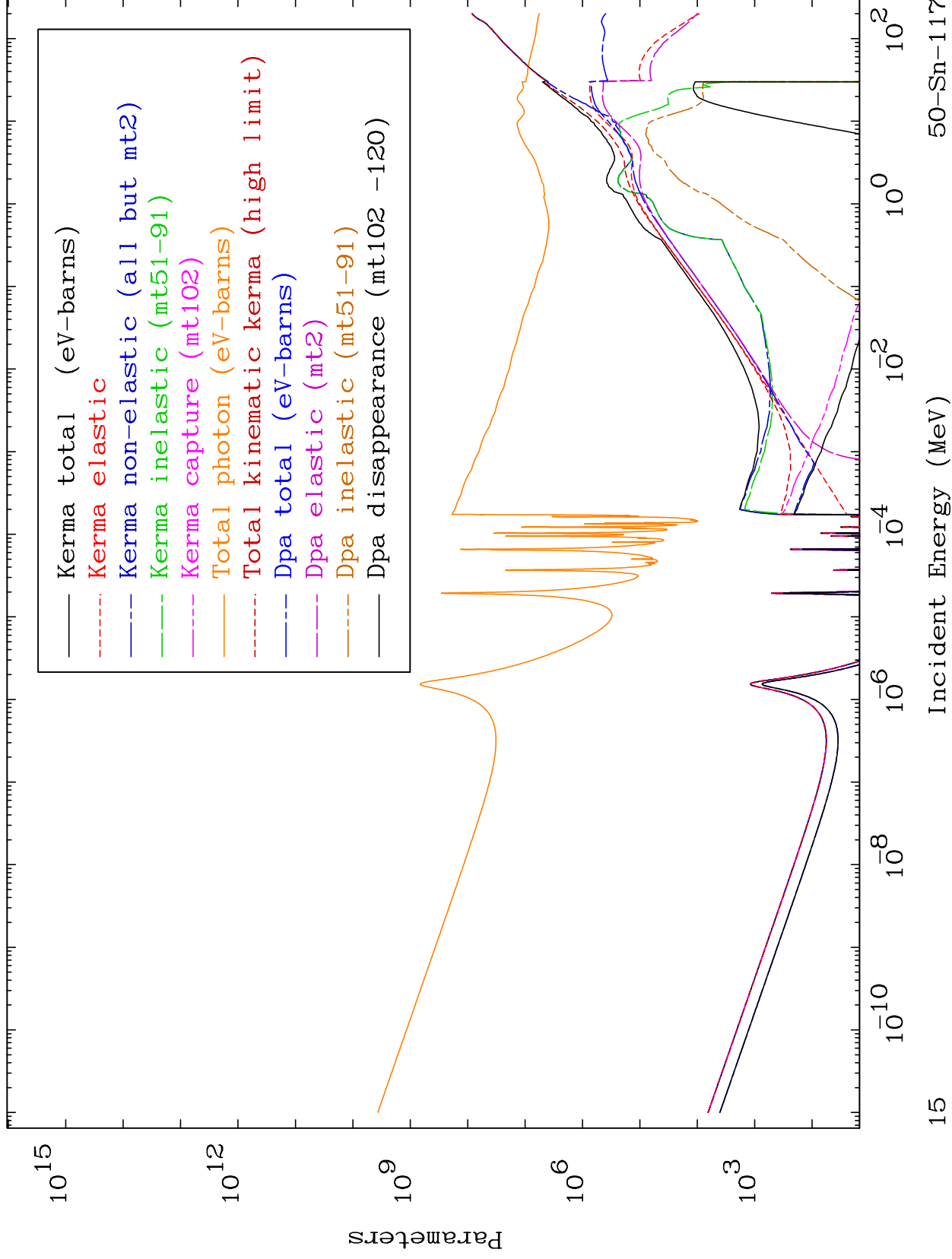
50-Sn-117

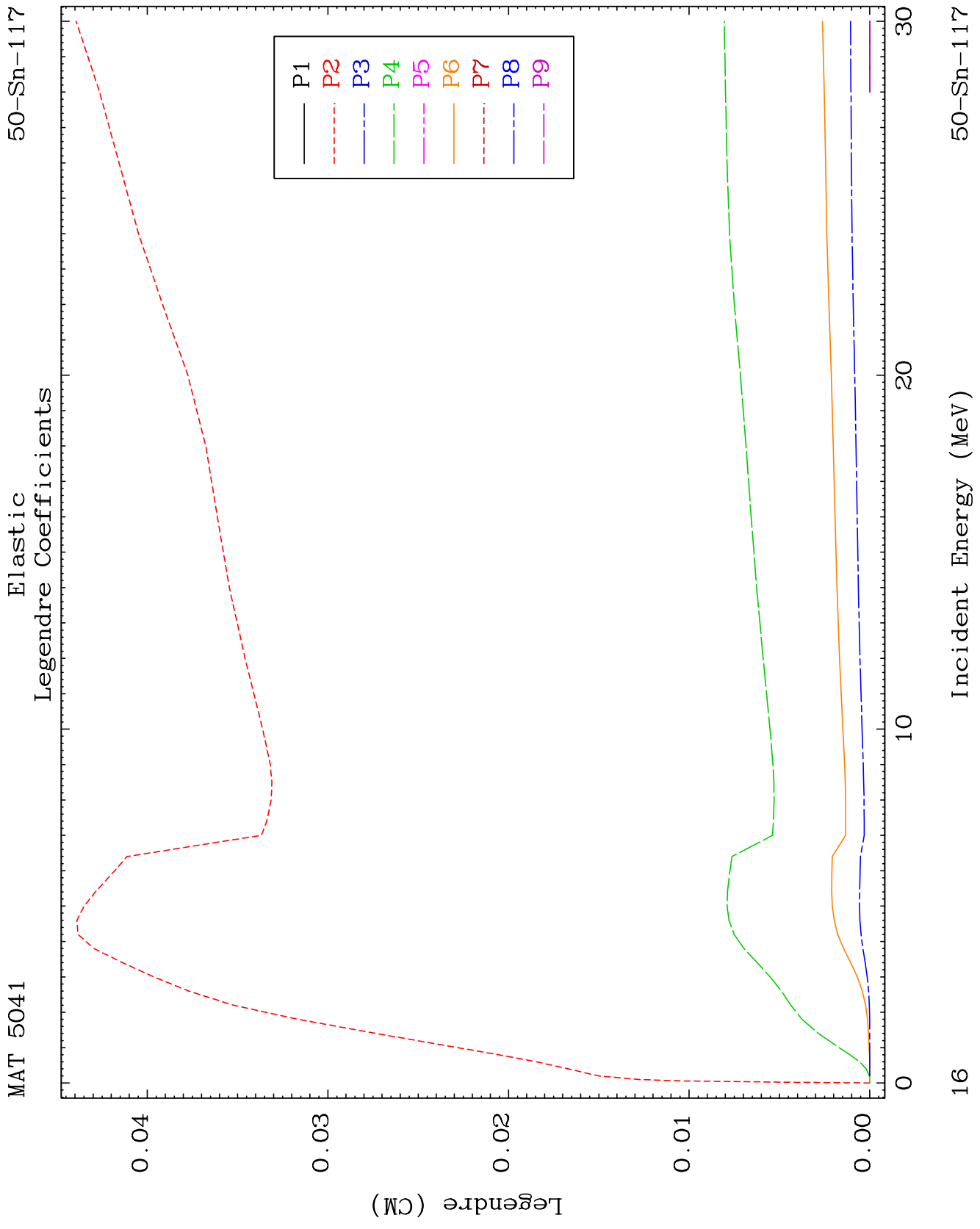
MAT 5041

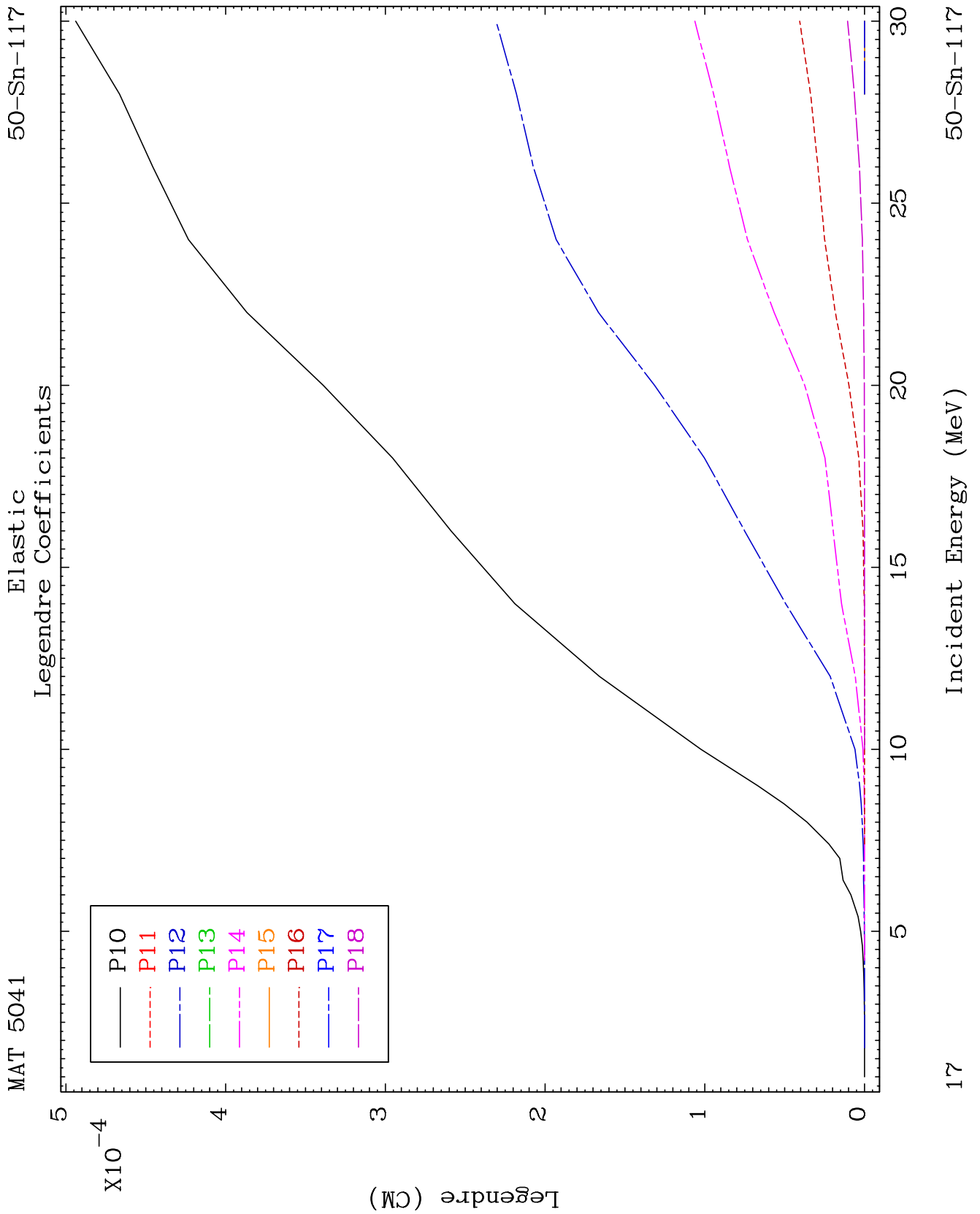
(n, α) Levels
293 Kelvin Cross Sections

50-Sn-117





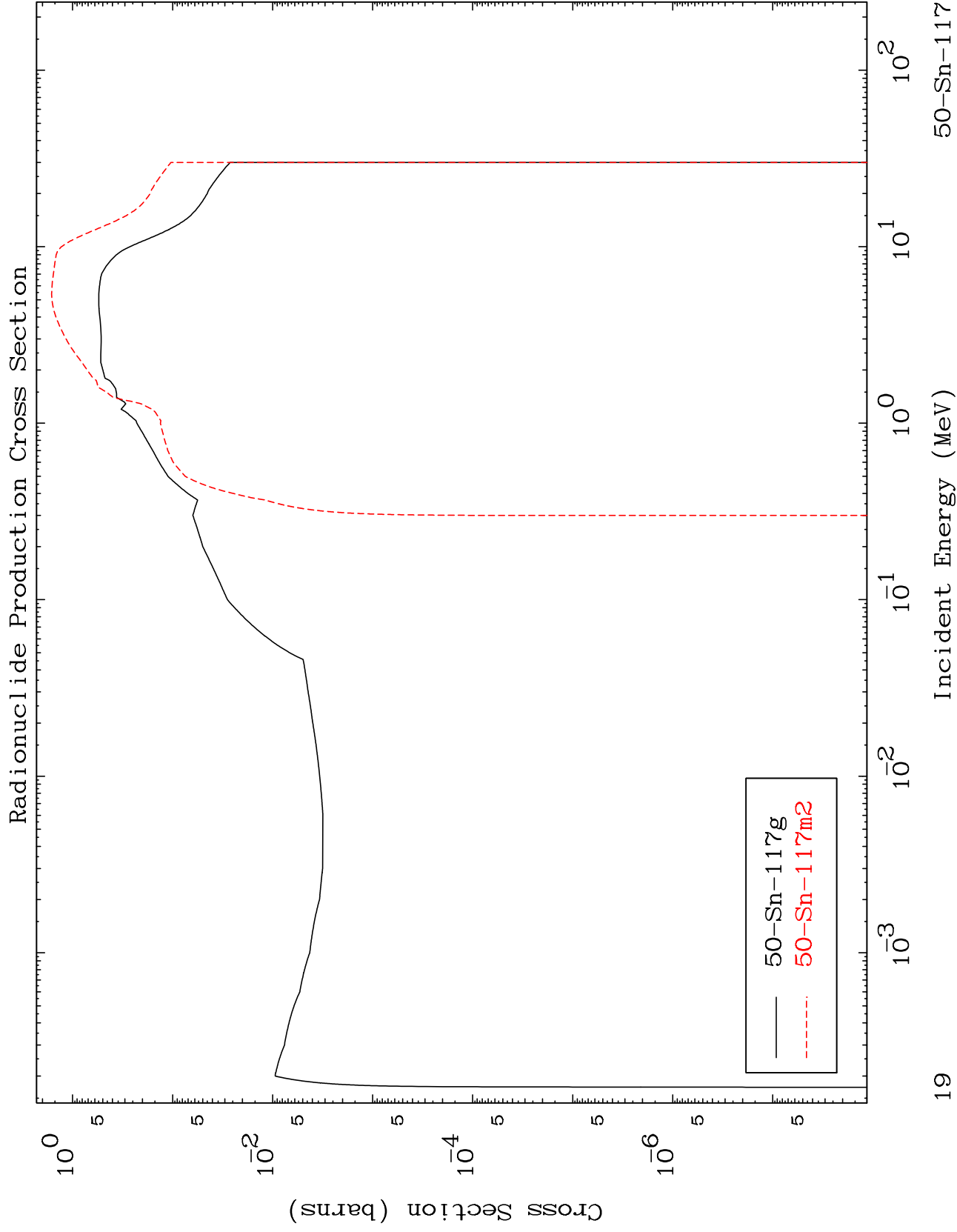




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50-Sn-117

Inelastic
Radionuclide Production Cross Section

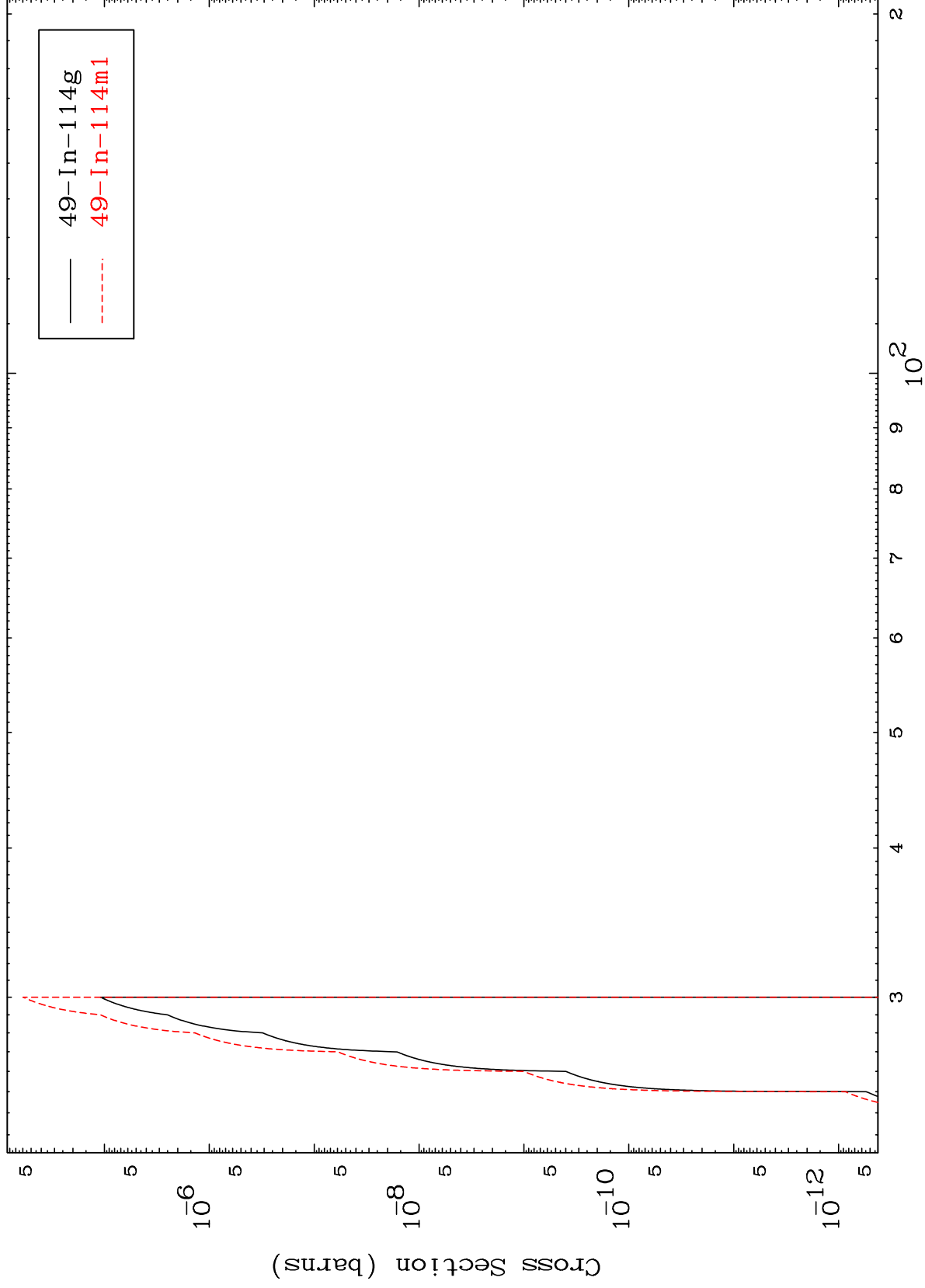


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(n,2n) d

50-Sn-117

Radionuclide Production Cross Section



20

Incident Energy (MeV)

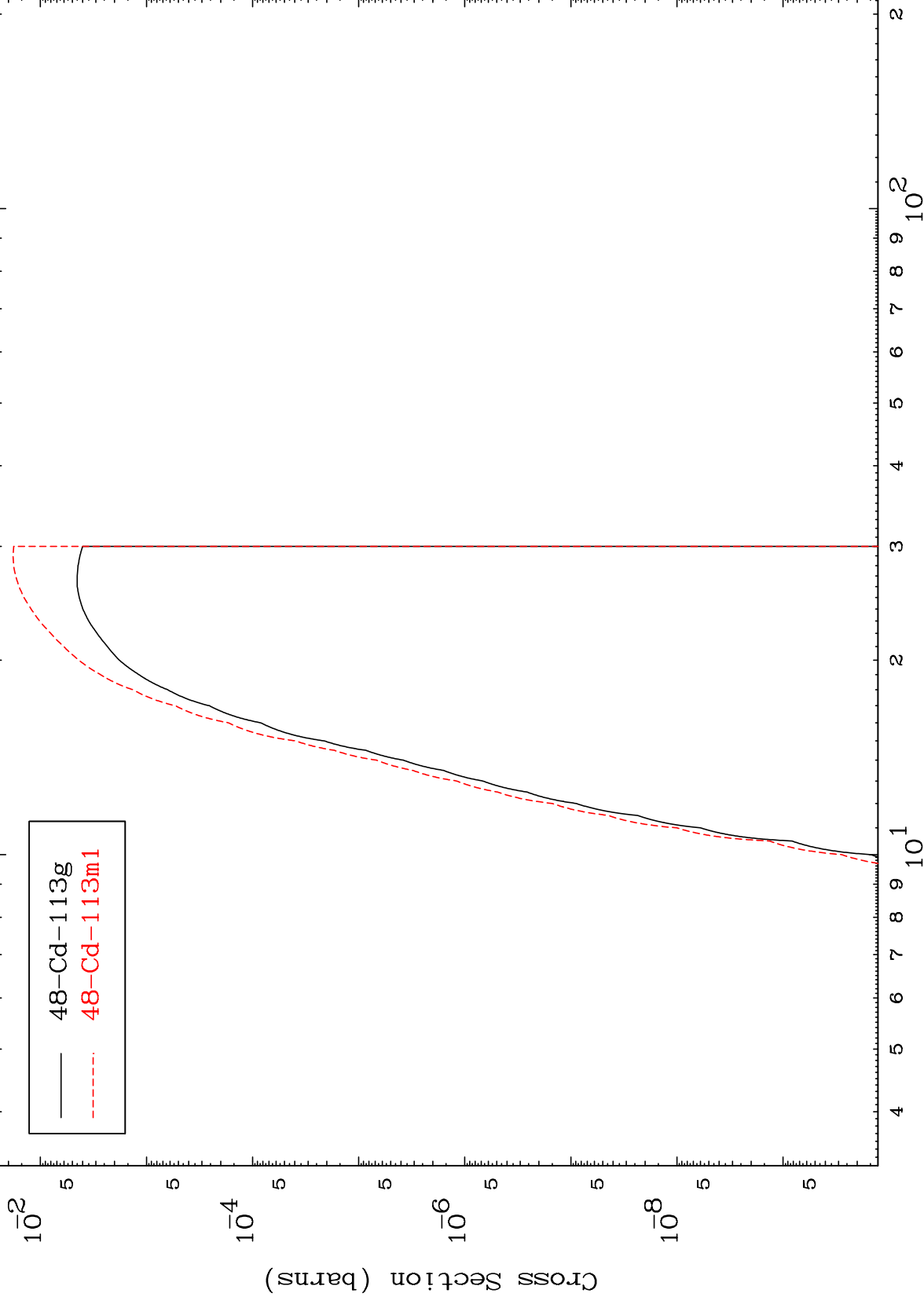
50-Sn-117

MAT 5041

50-Sn-117

(n,n') α

Radionuclide Production Cross Section

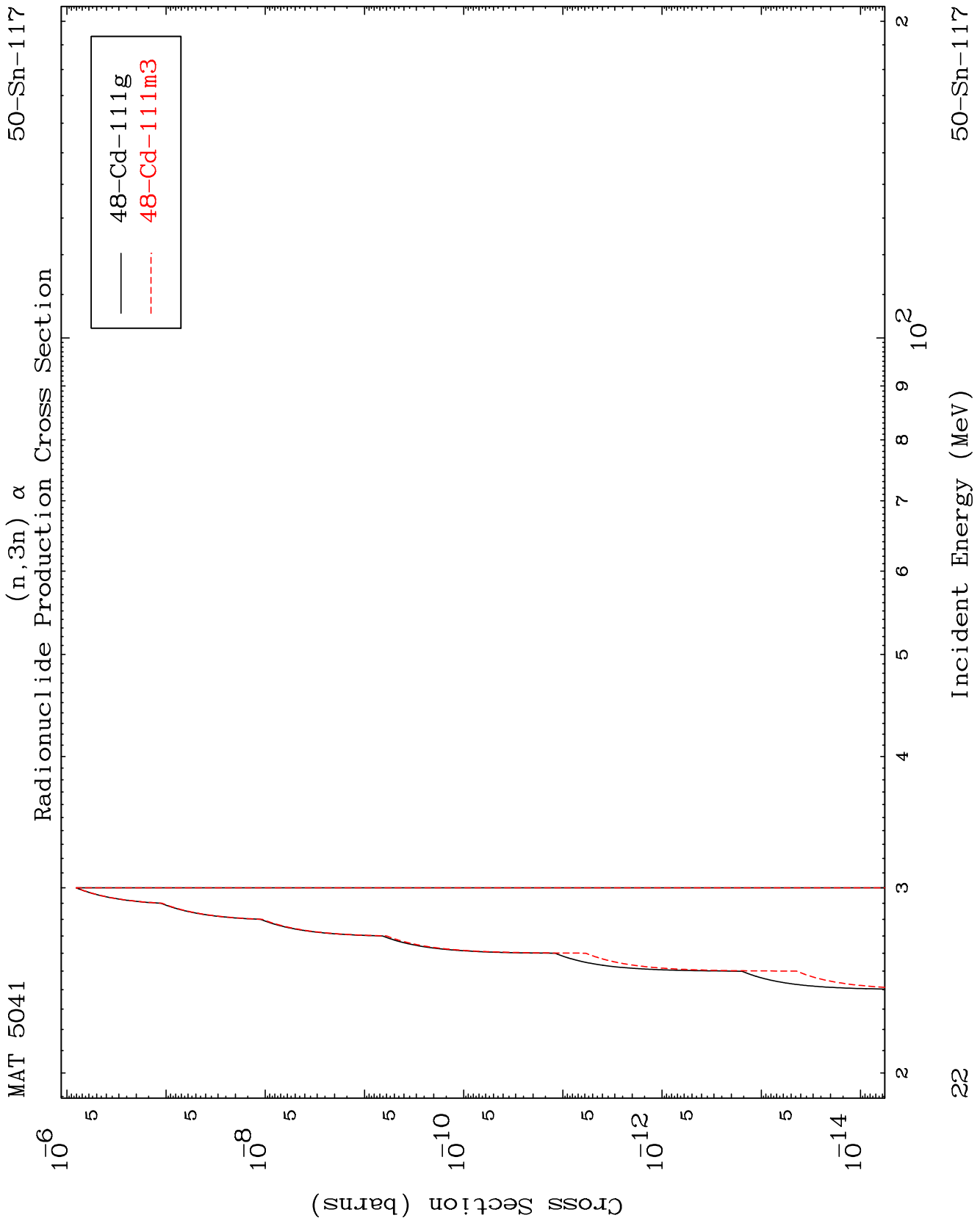


— 48-Cd-113g
- - - 48-Cd-113m1

50-Sn-117

Incident Energy (MeV)

21

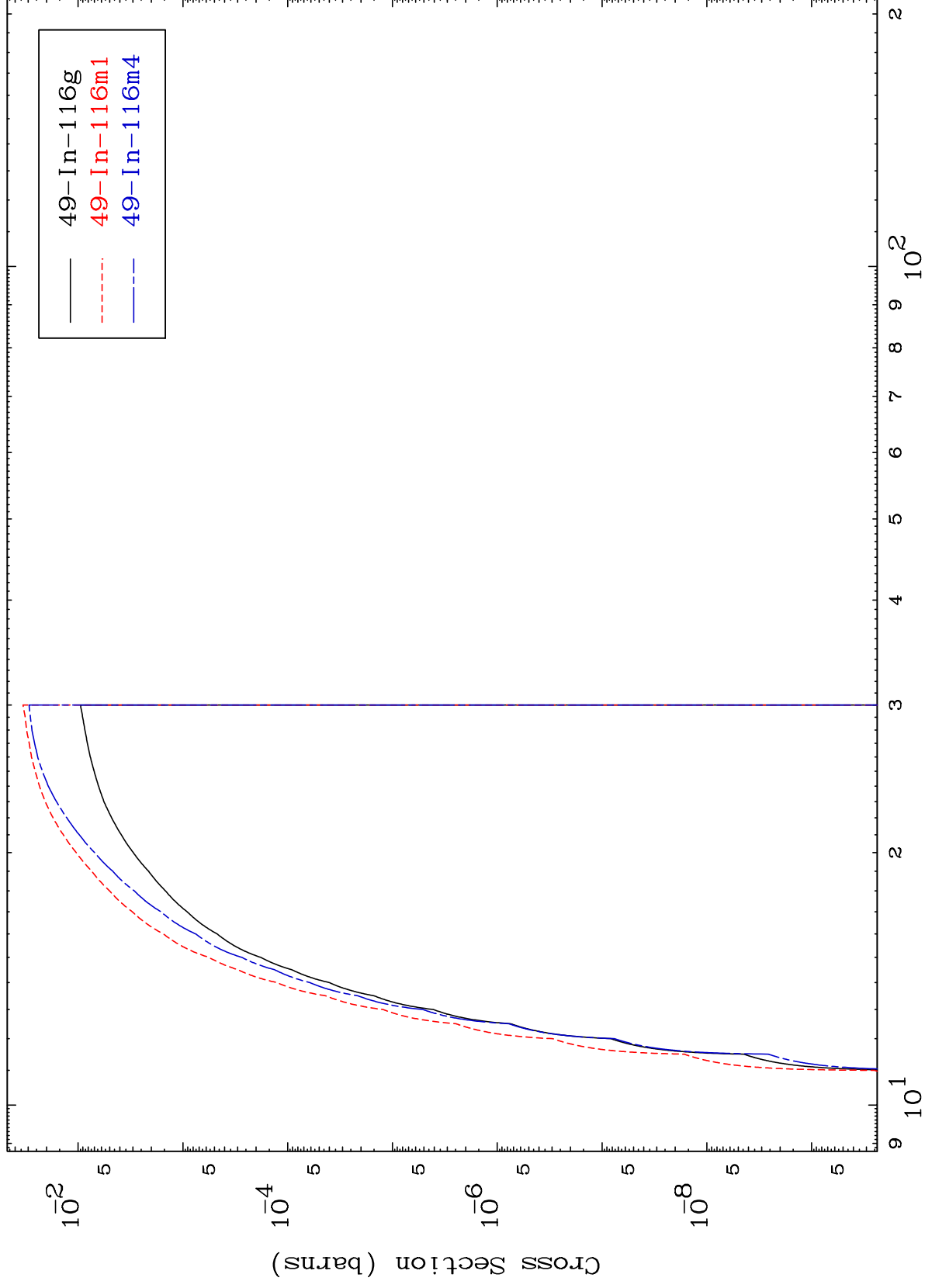


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(n,n') p

50-Sn-117

Radionuclide Production Cross Section



23

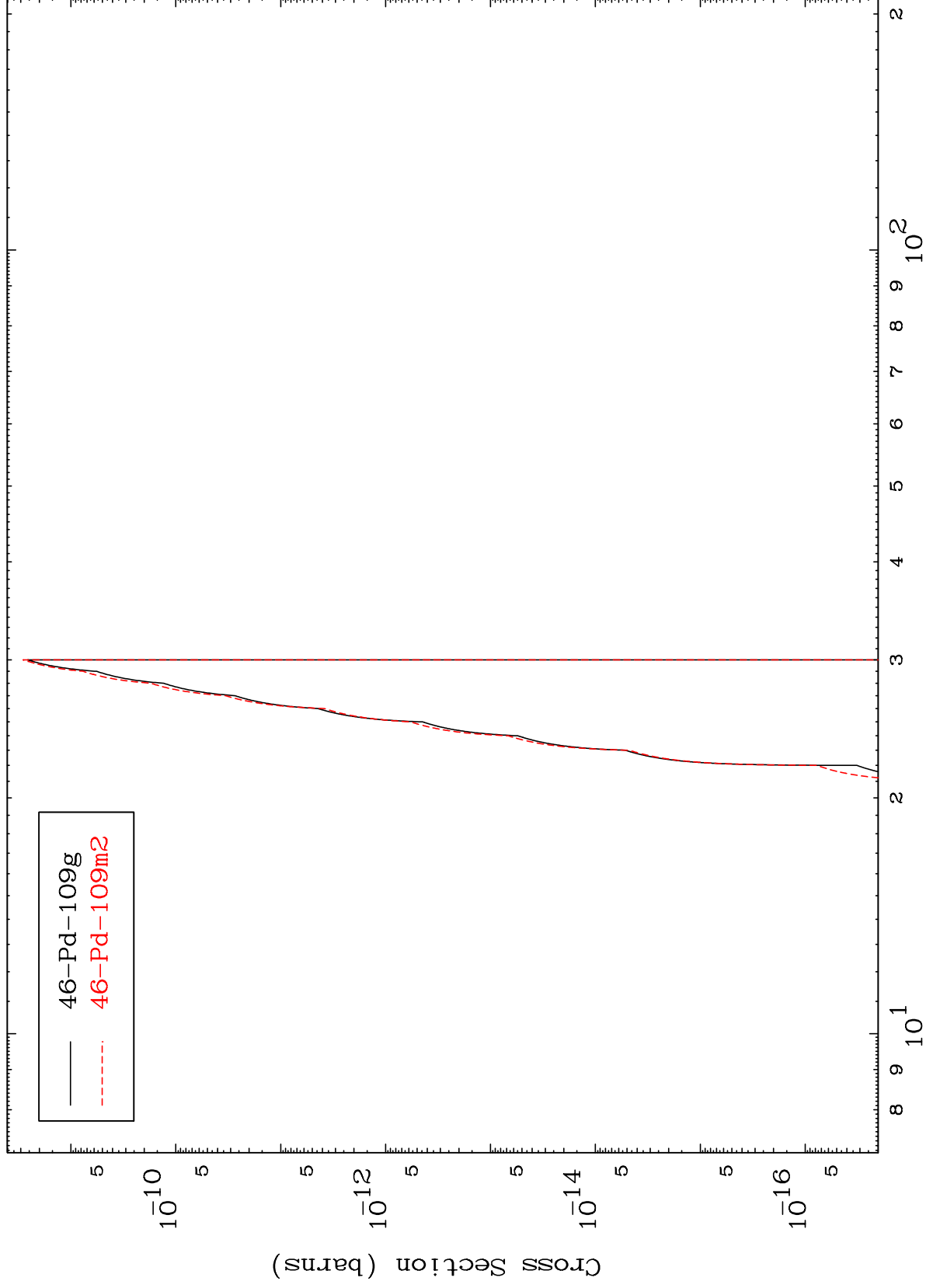
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

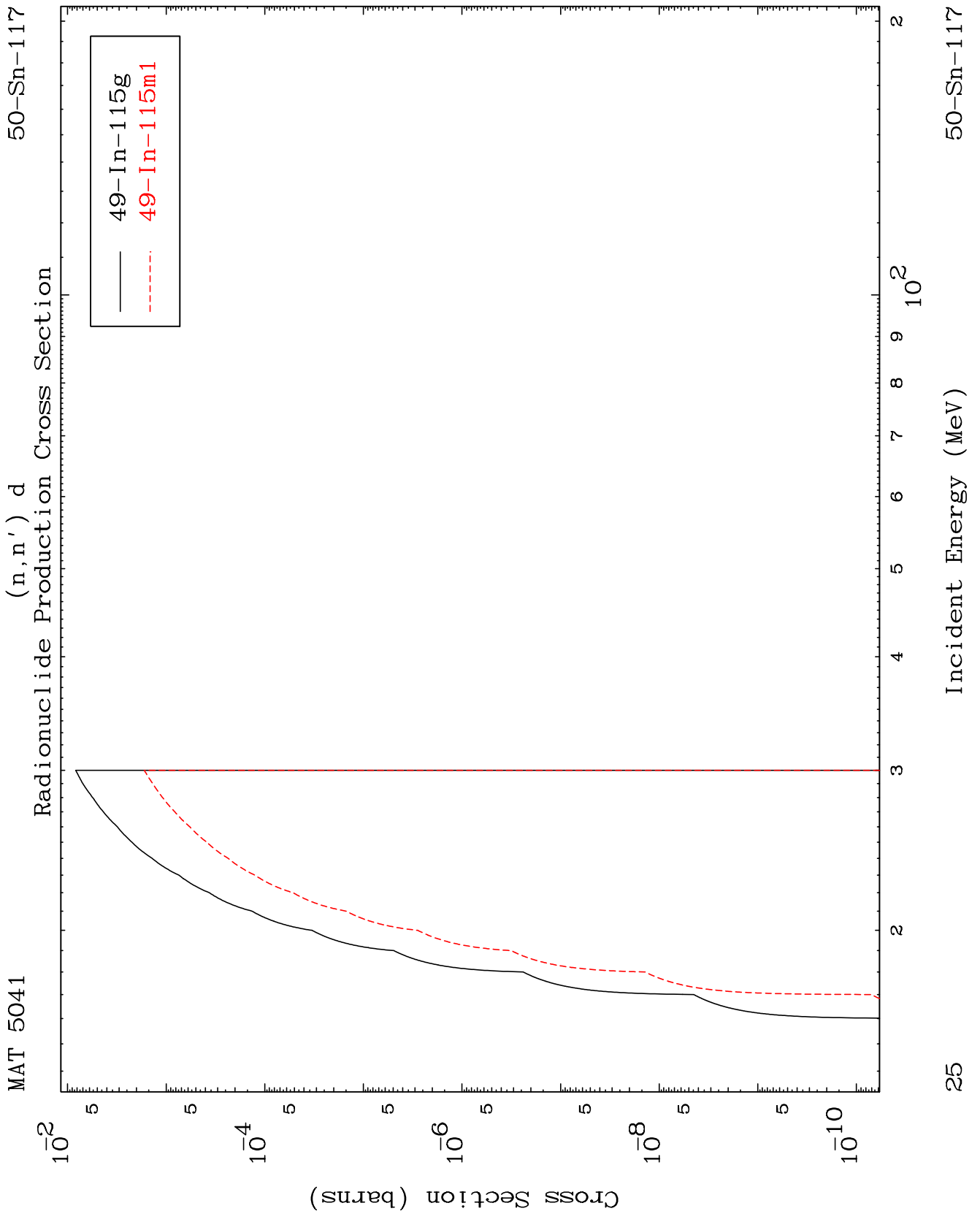
(n,n') 2α
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

24

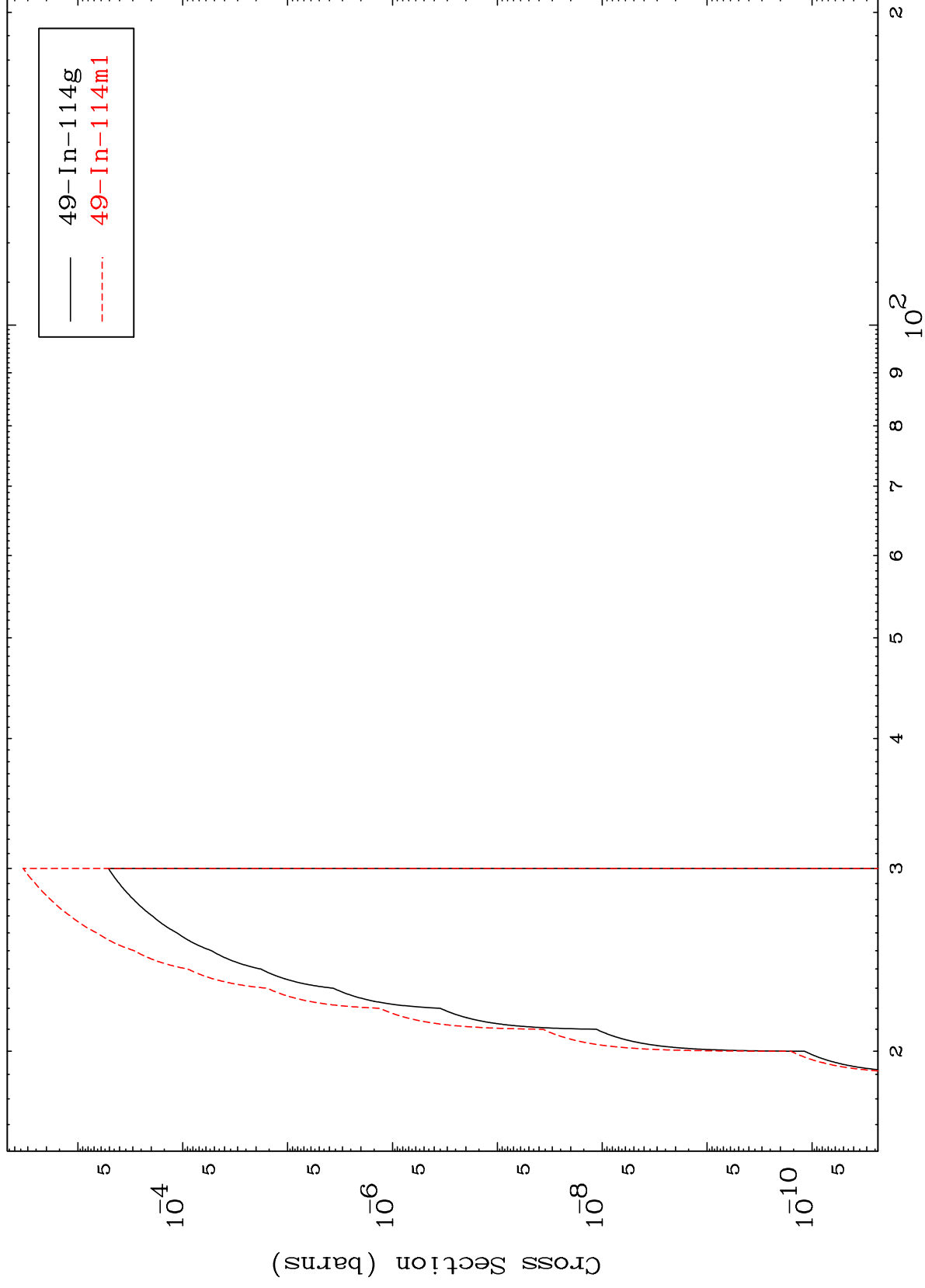


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(n,n') t

50-Sn-117

Radionuclide Production Cross Section



26

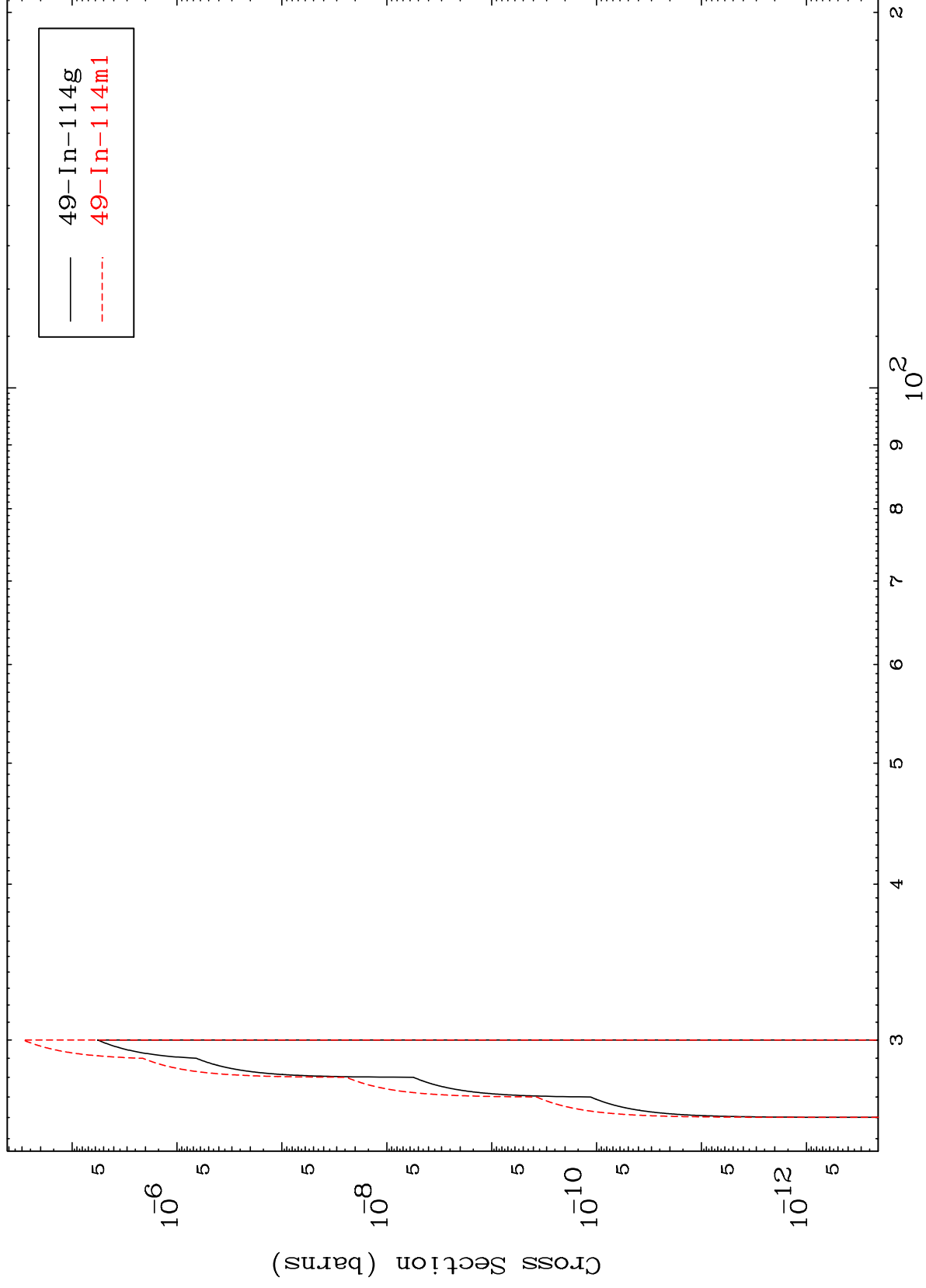
Incident Energy (MeV)

50-Sn-117

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50-Sn-117

(n,3n) p
Radionuclide Production Cross Section

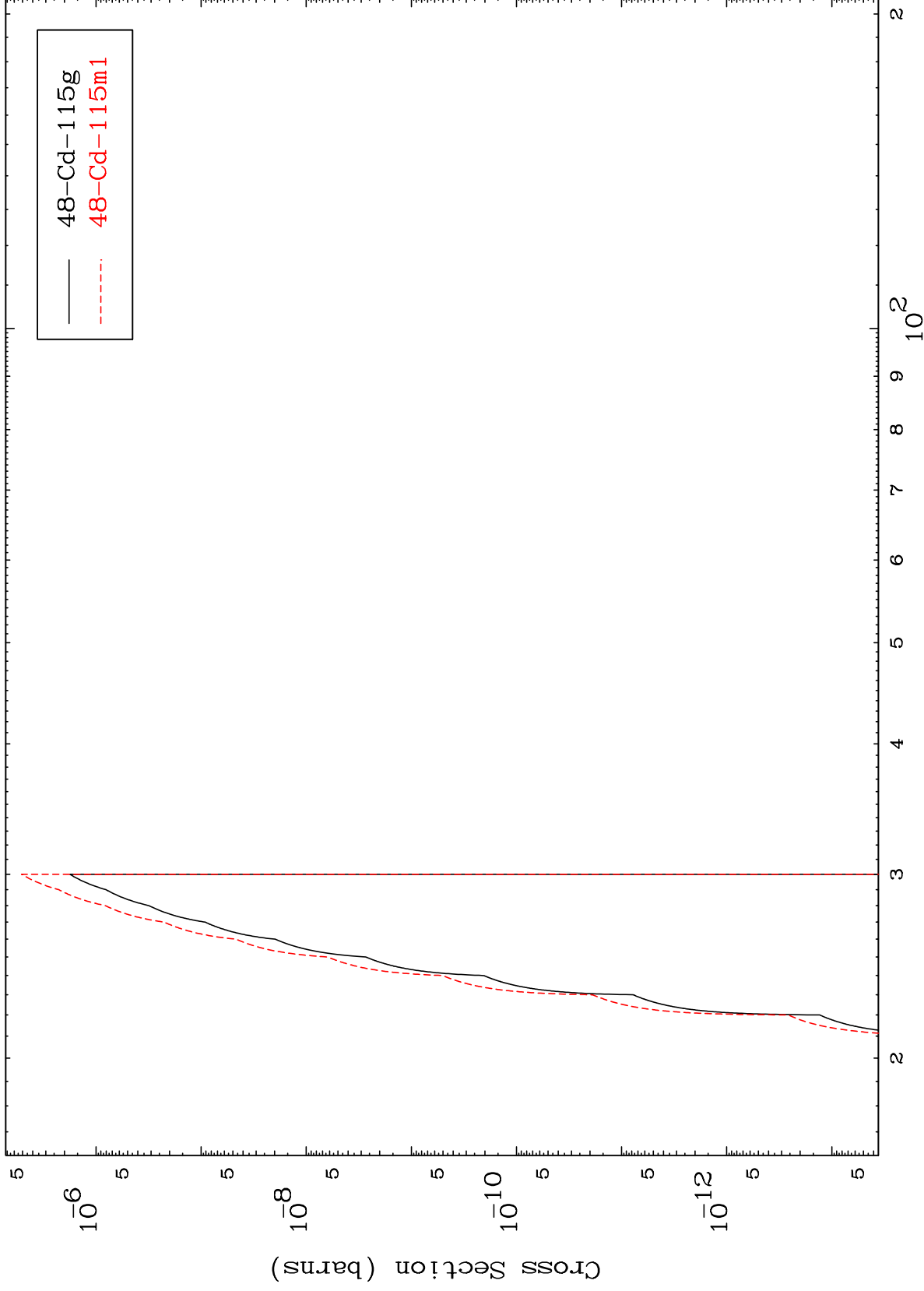


28

Incident Energy (MeV)

50-Sn-117

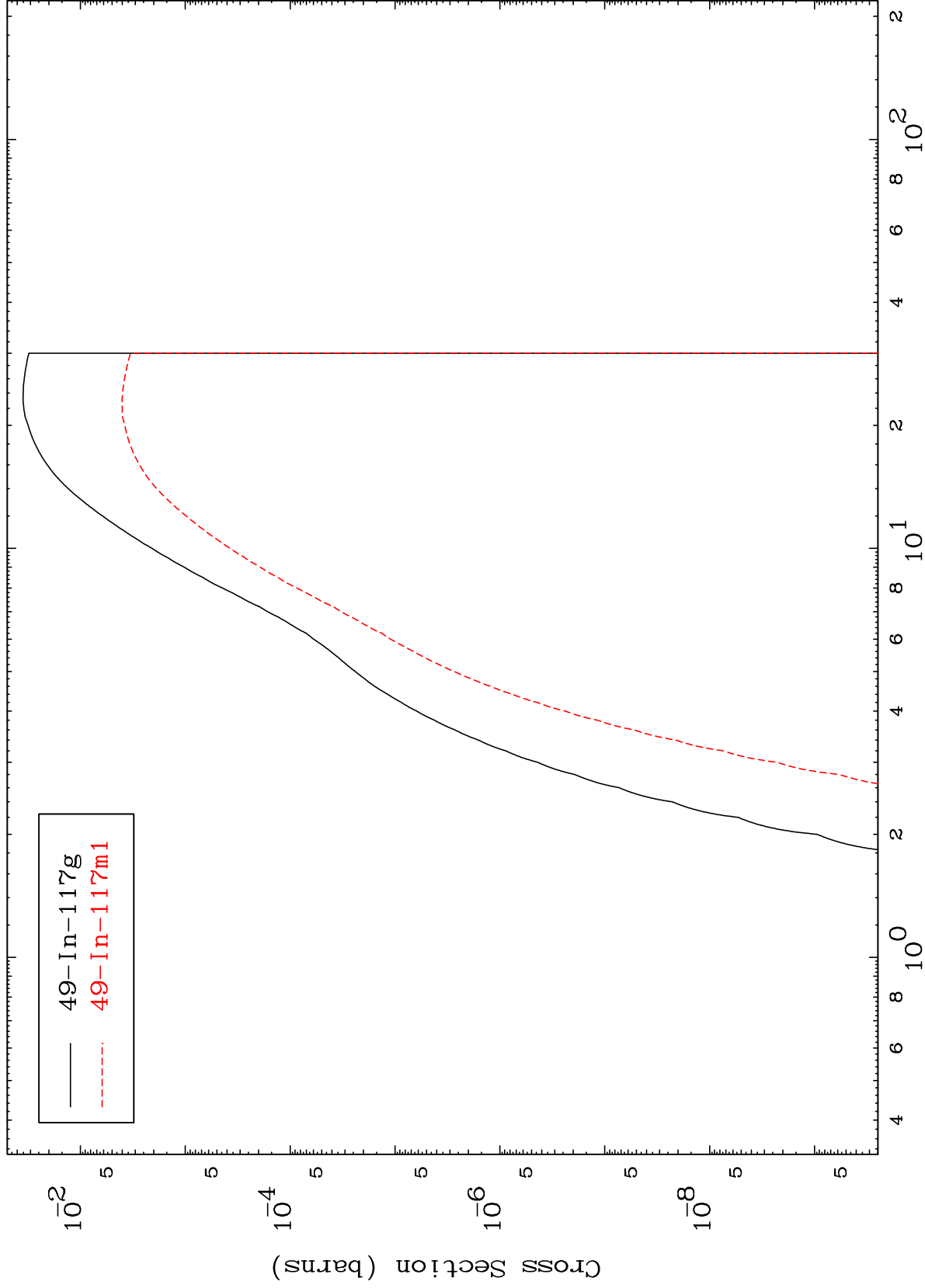
Radionuclide Production Cross Section



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50-Sn-117

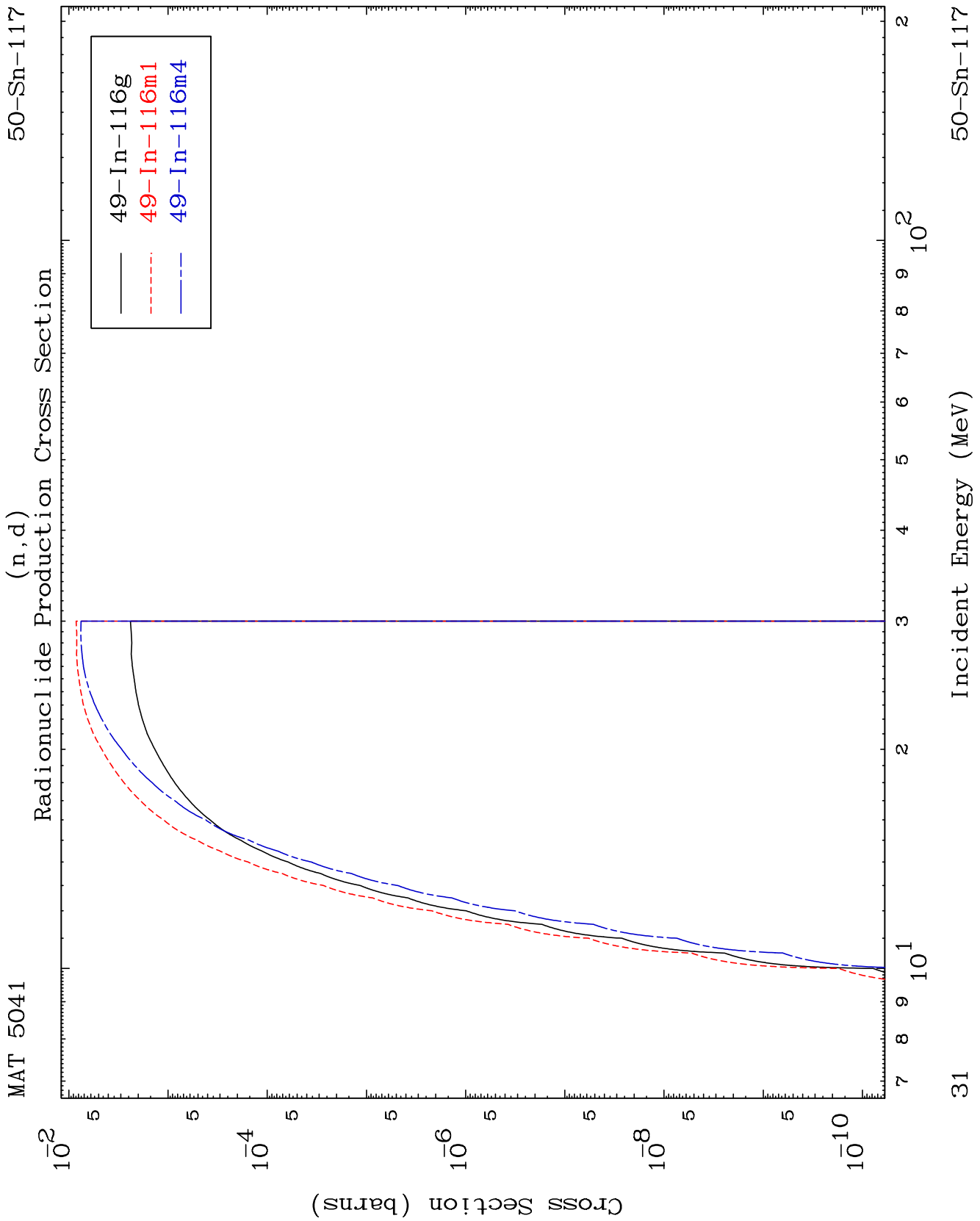
(n,p)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

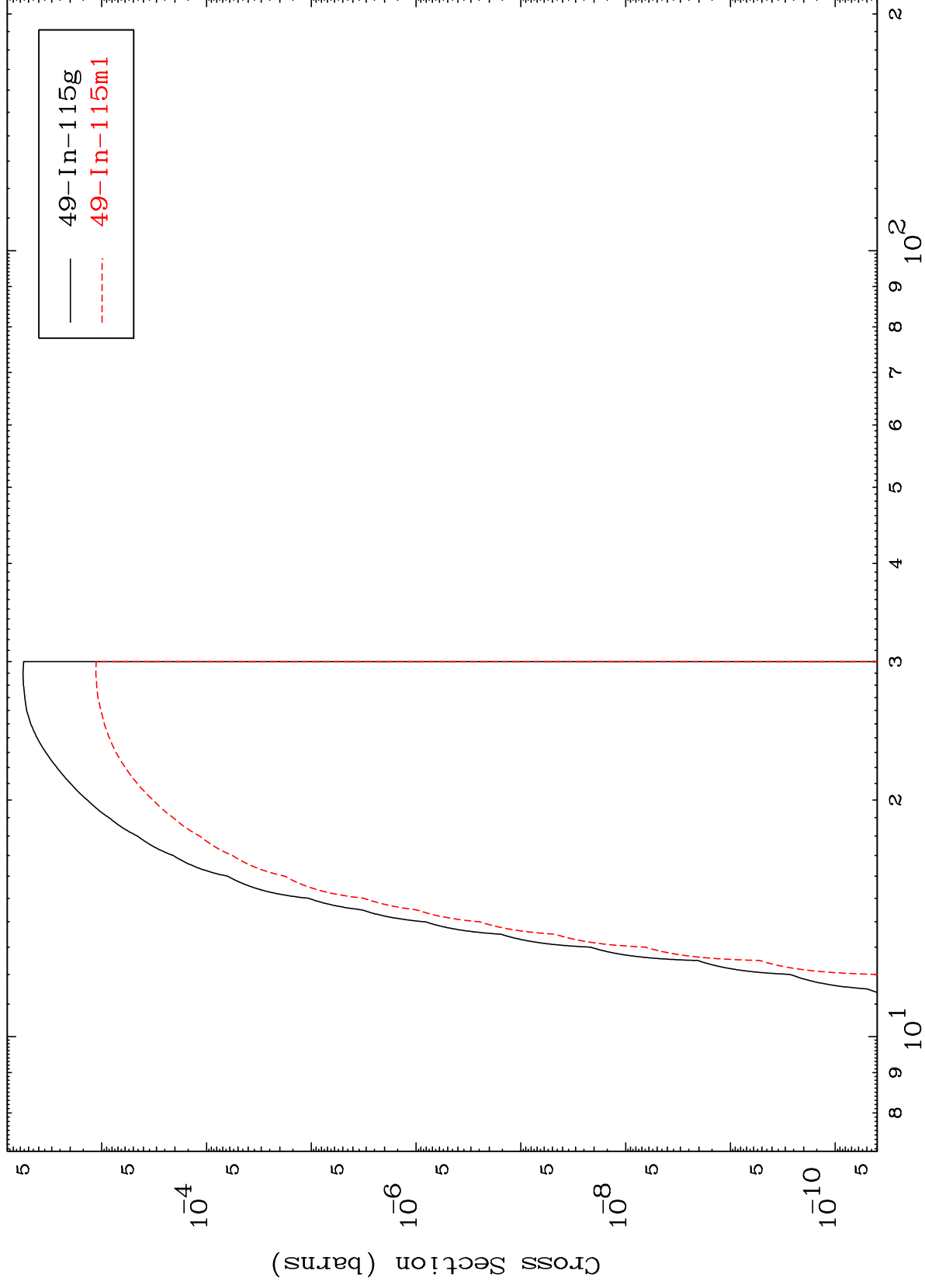
50-Sn-117



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50-Sn-117

(n, t)
Radionuclide Production Cross Section



50-Sn-117

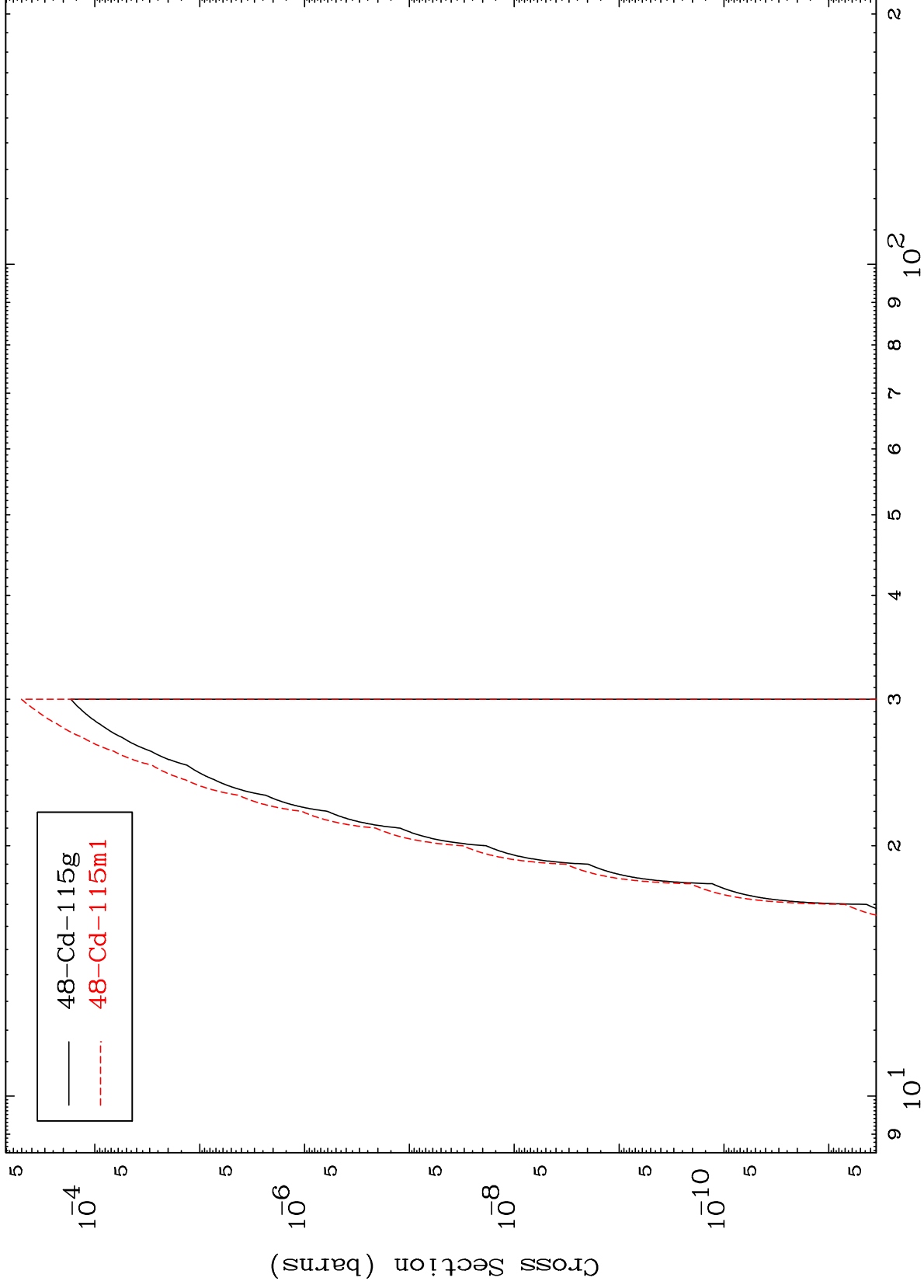
Incident Energy (MeV)

32

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50-Sn-117

(n,He-3)
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

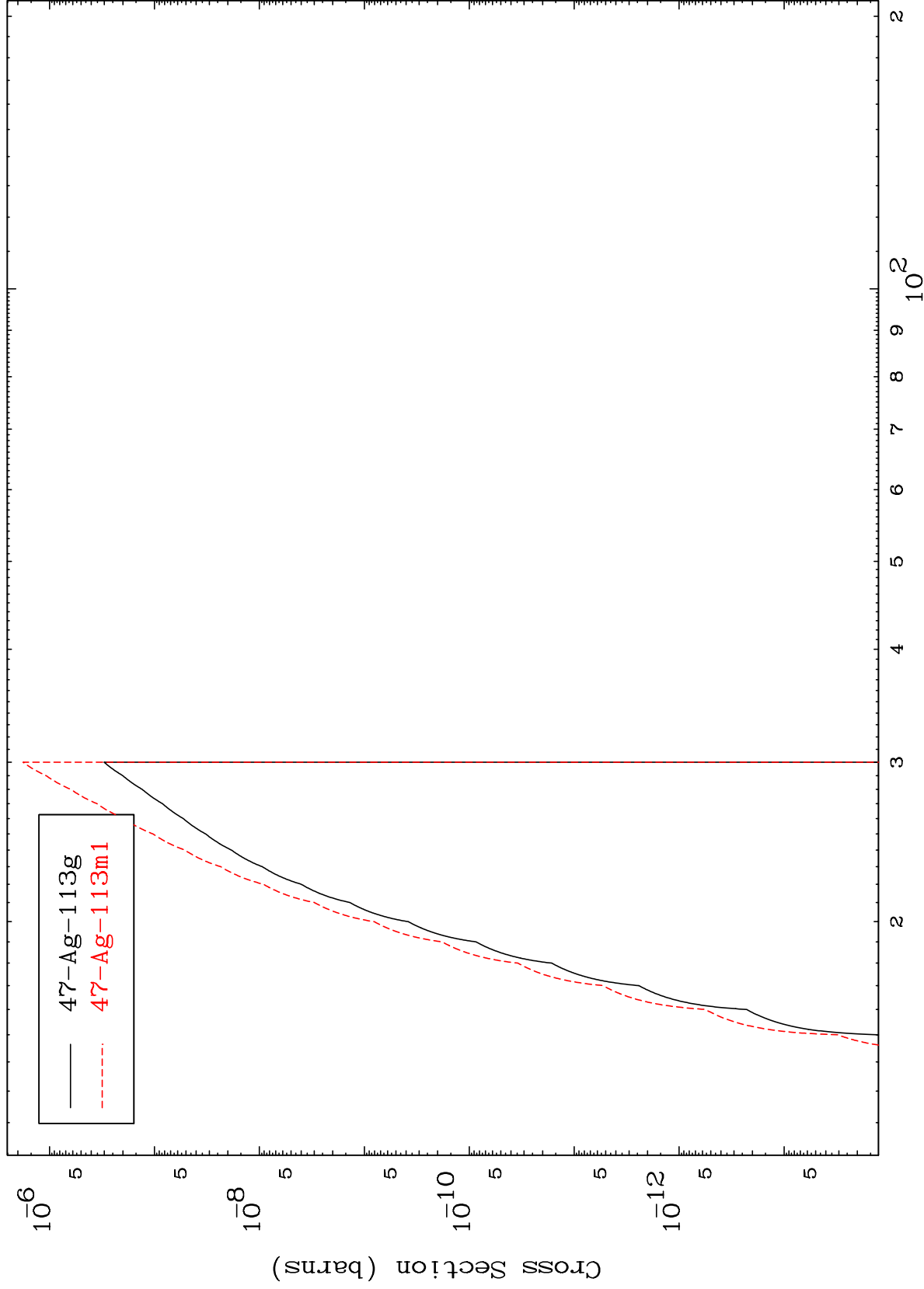
33

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50-Sn-117

(n,p) α

Radionuclide Production Cross Section



34

Incident Energy (MeV)

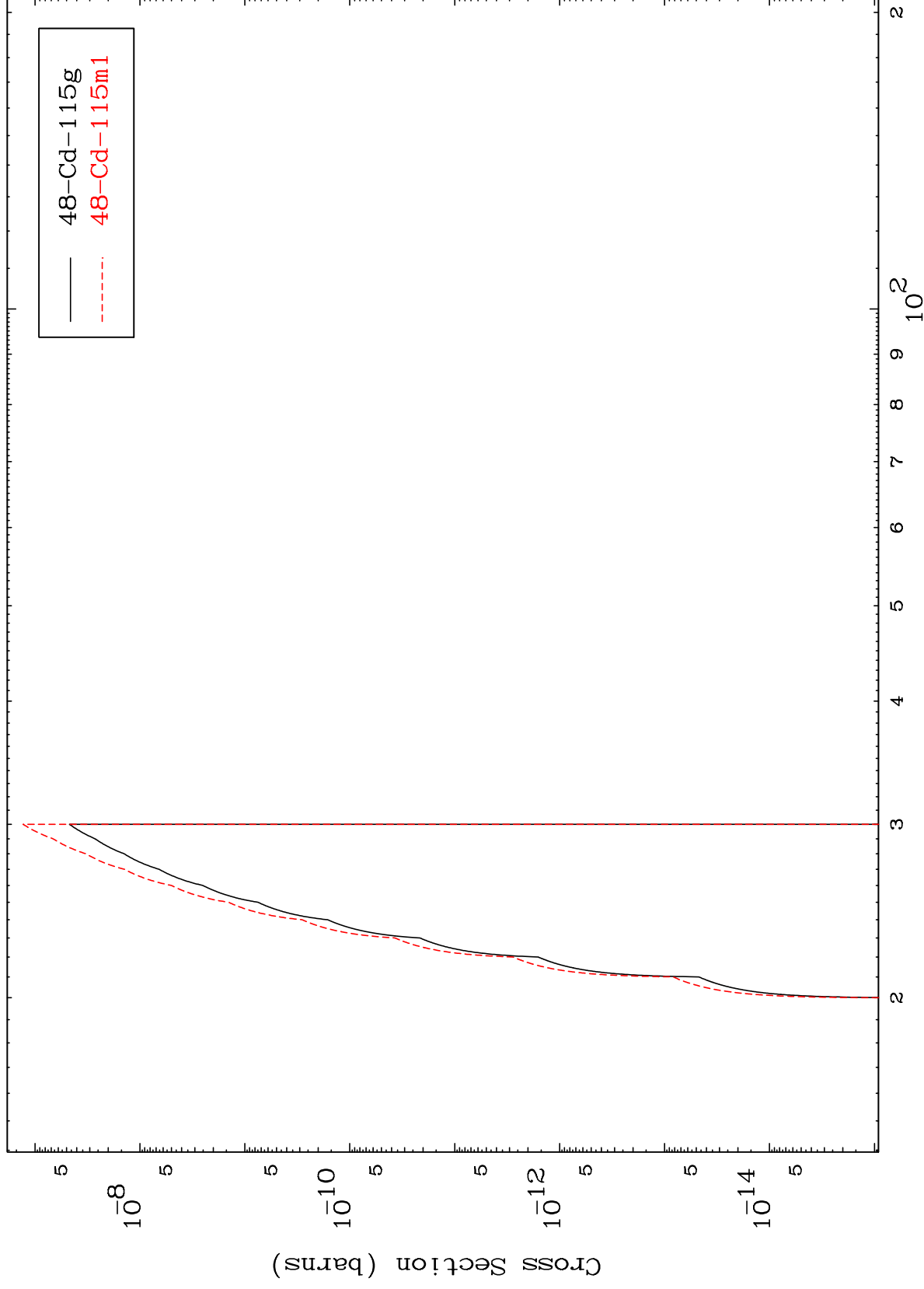
50-Sn-117

MAT 5041

(n,p) d

50-Sn-117

Radionuclide Production Cross Section



35

Incident Energy (MeV)

50-Sn-117