

Program EVALPLOT
(Version 2021-1)

by

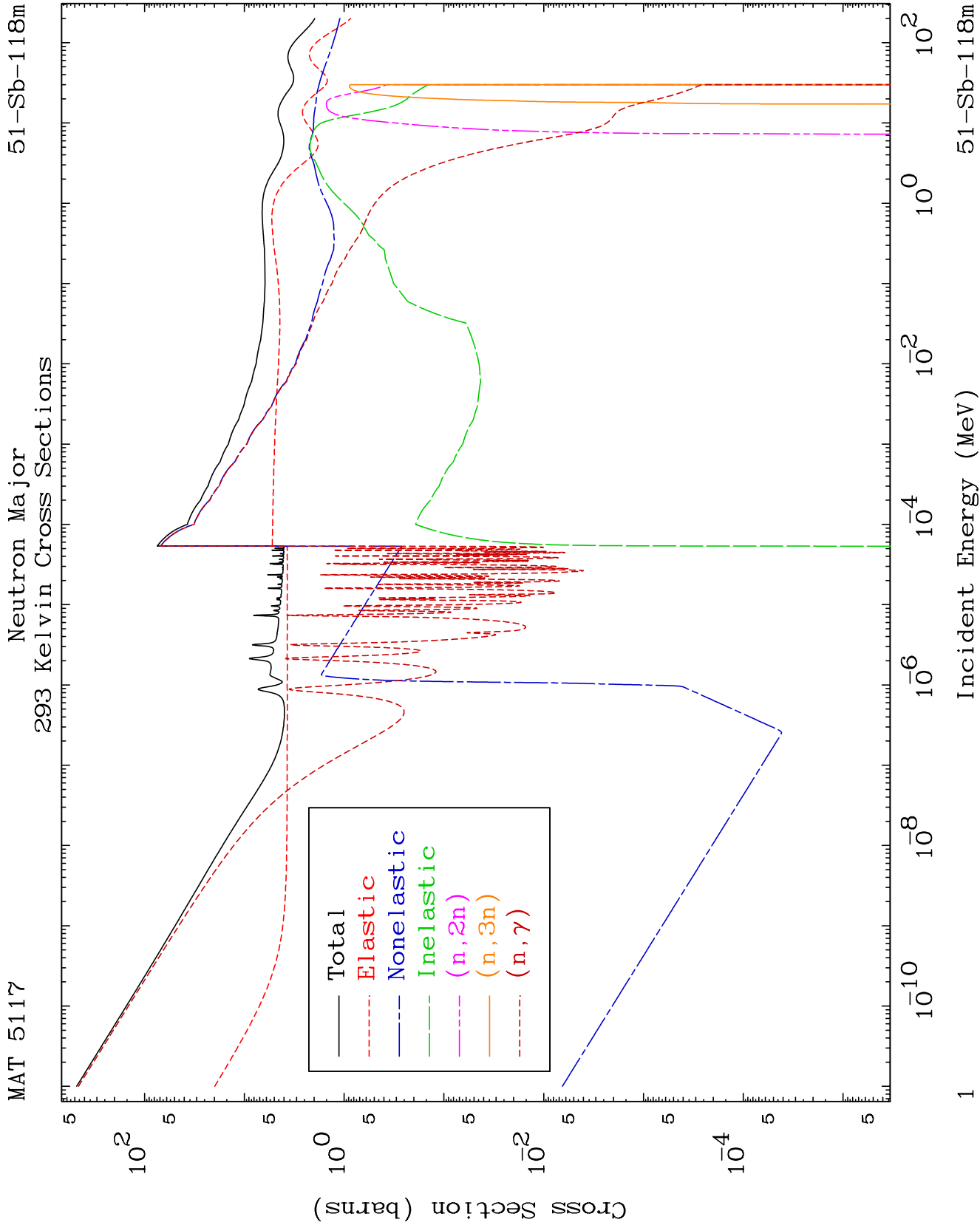
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

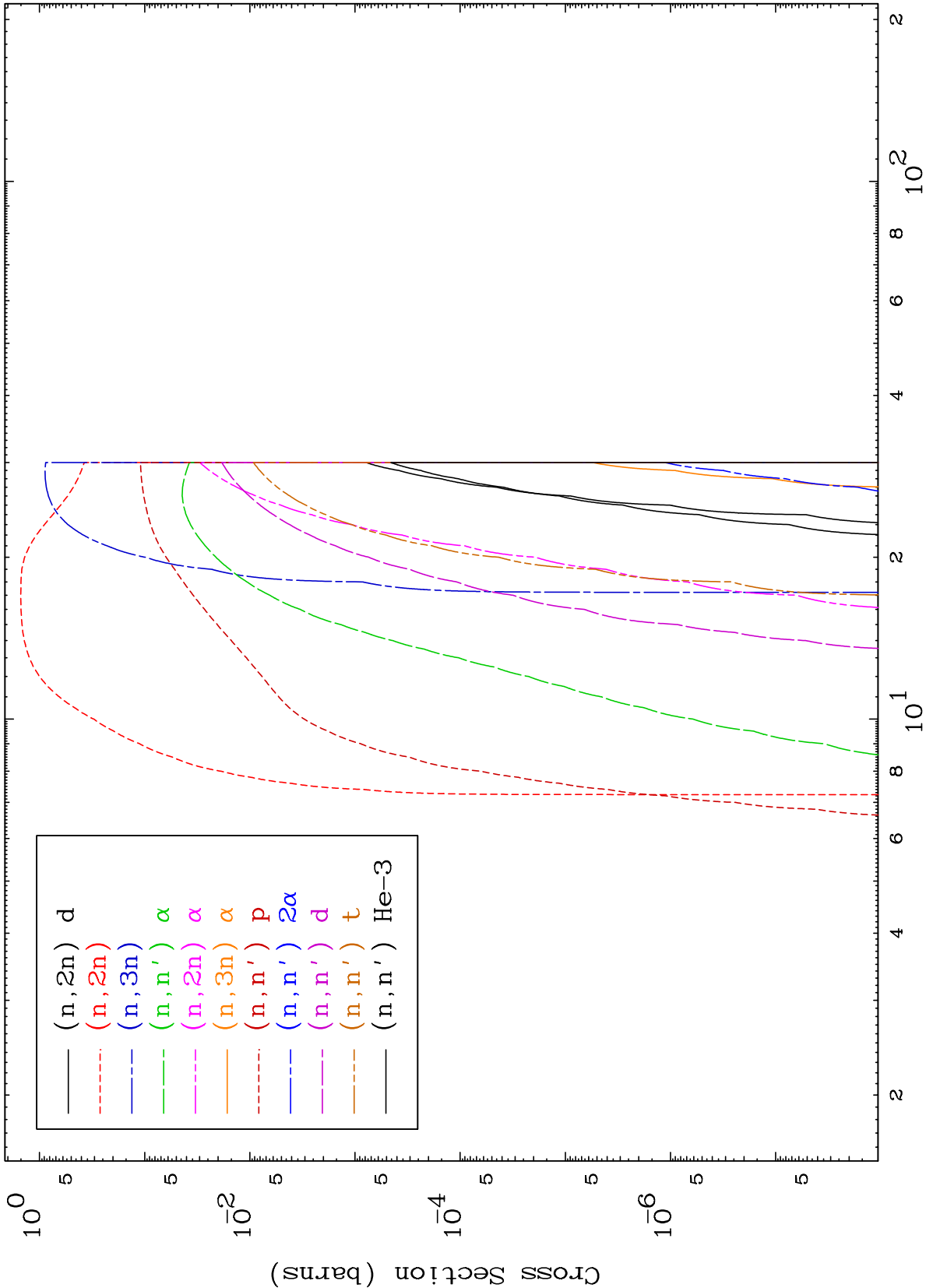
Press Mouse Button to Start

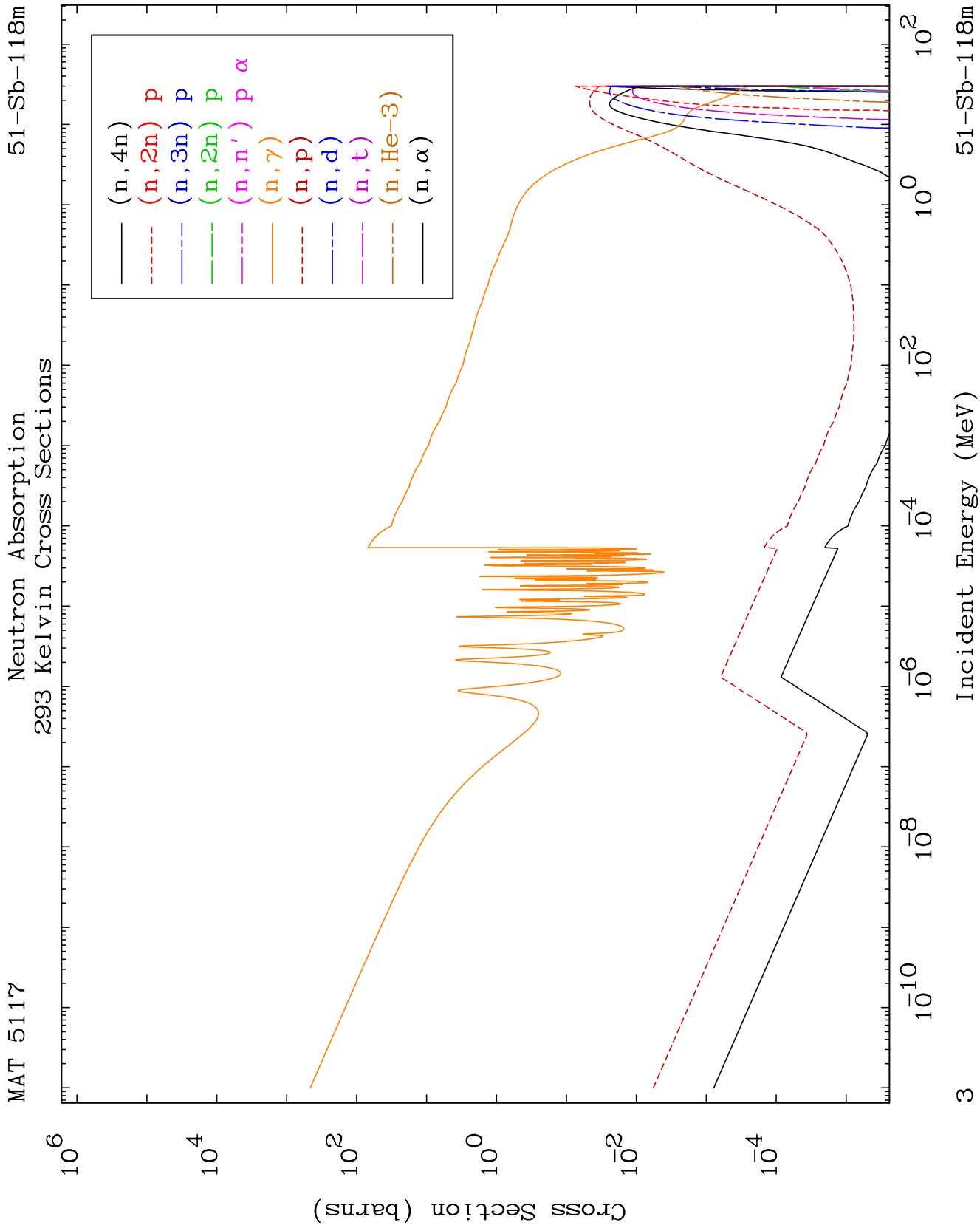


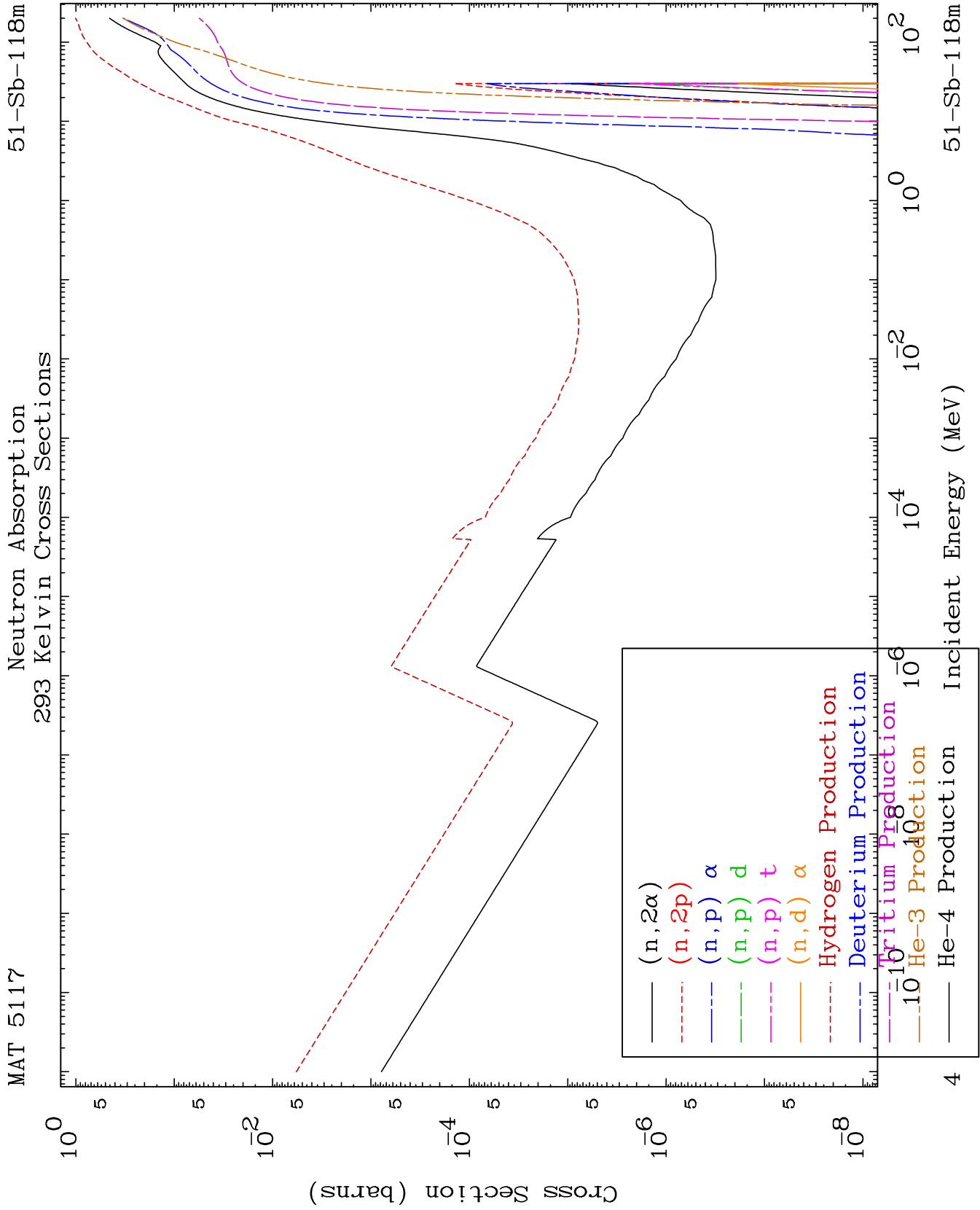
MAT 5117

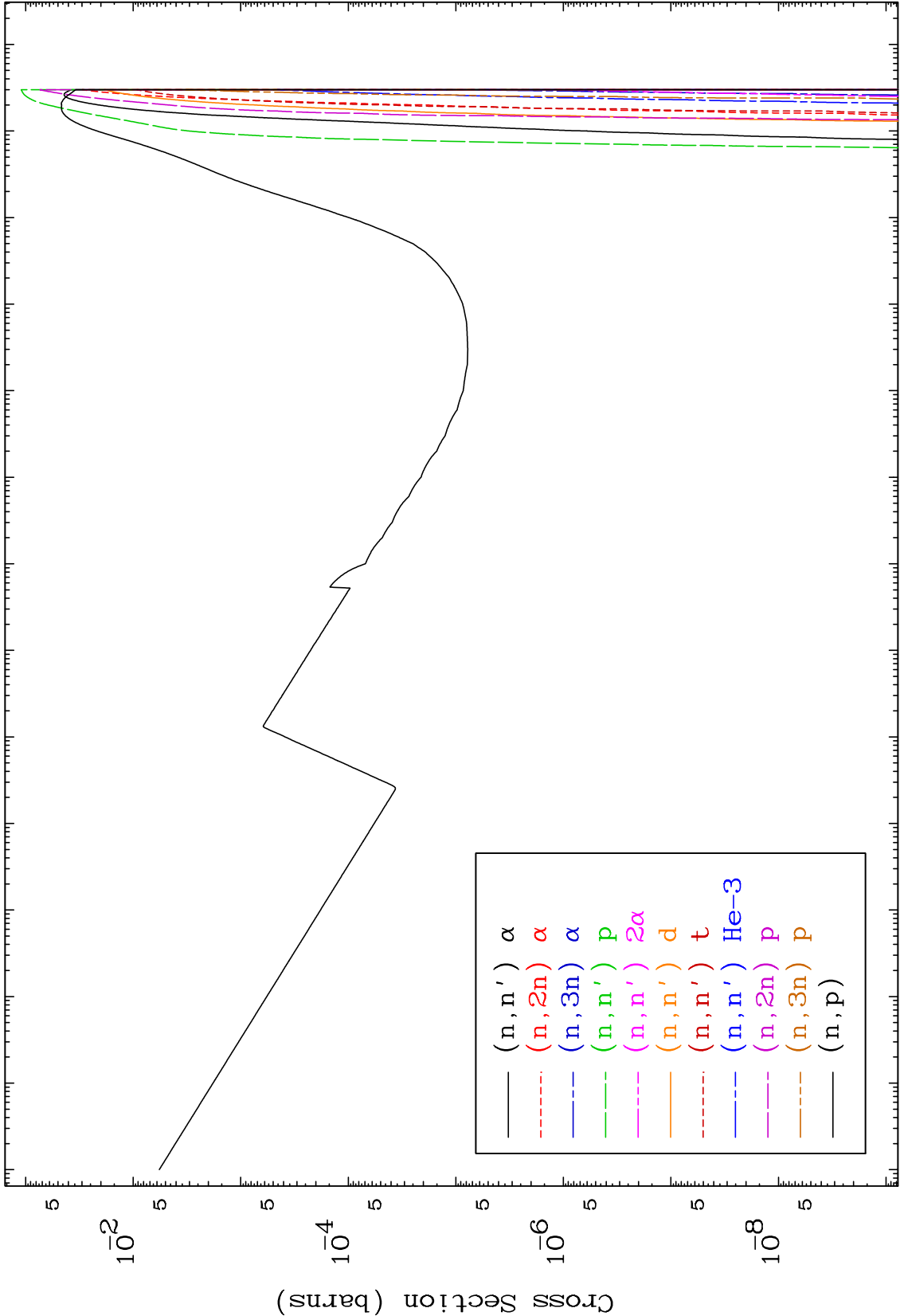
Neutron Absorption
293 Kelvin Cross Sections

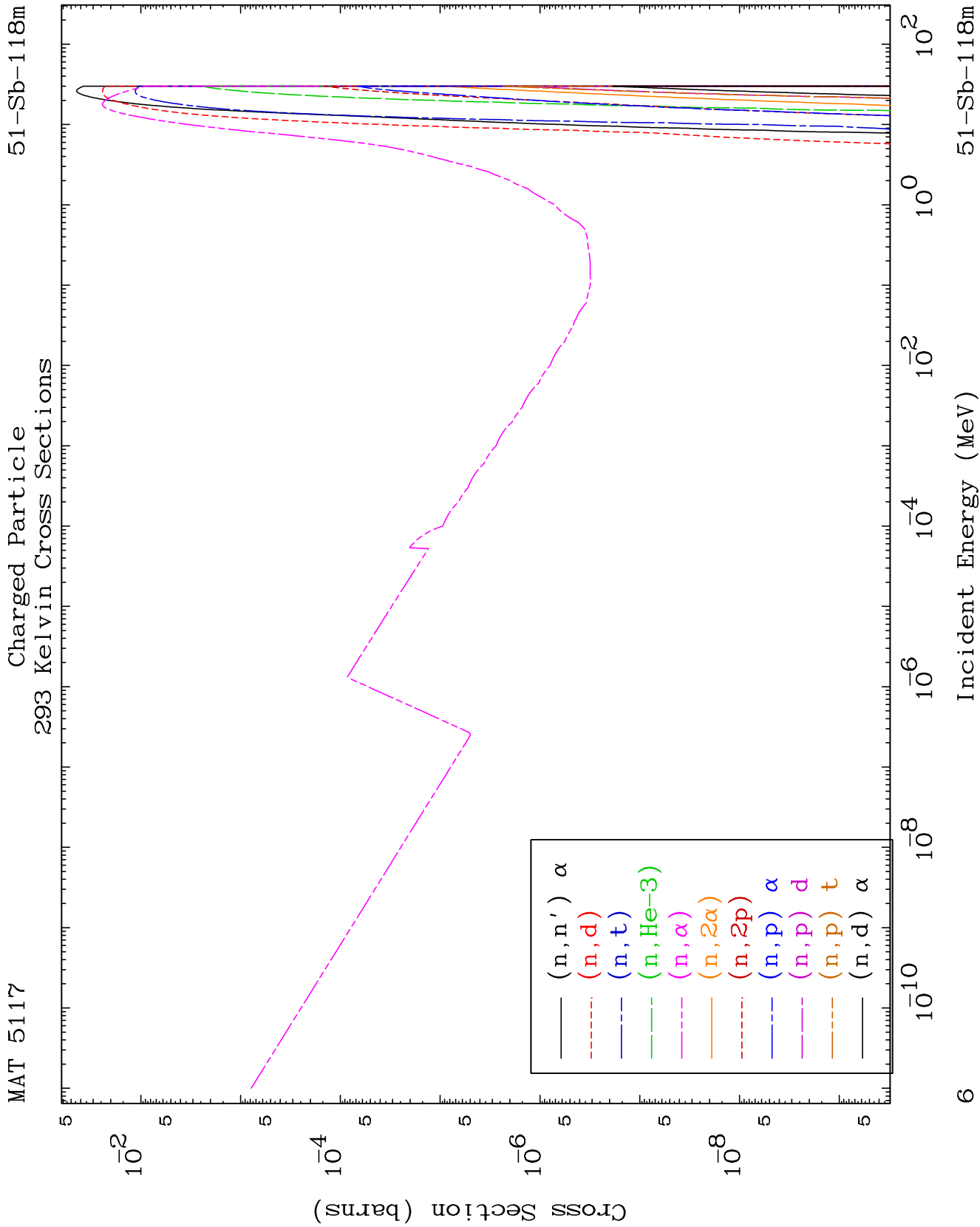
51-Sb-118m

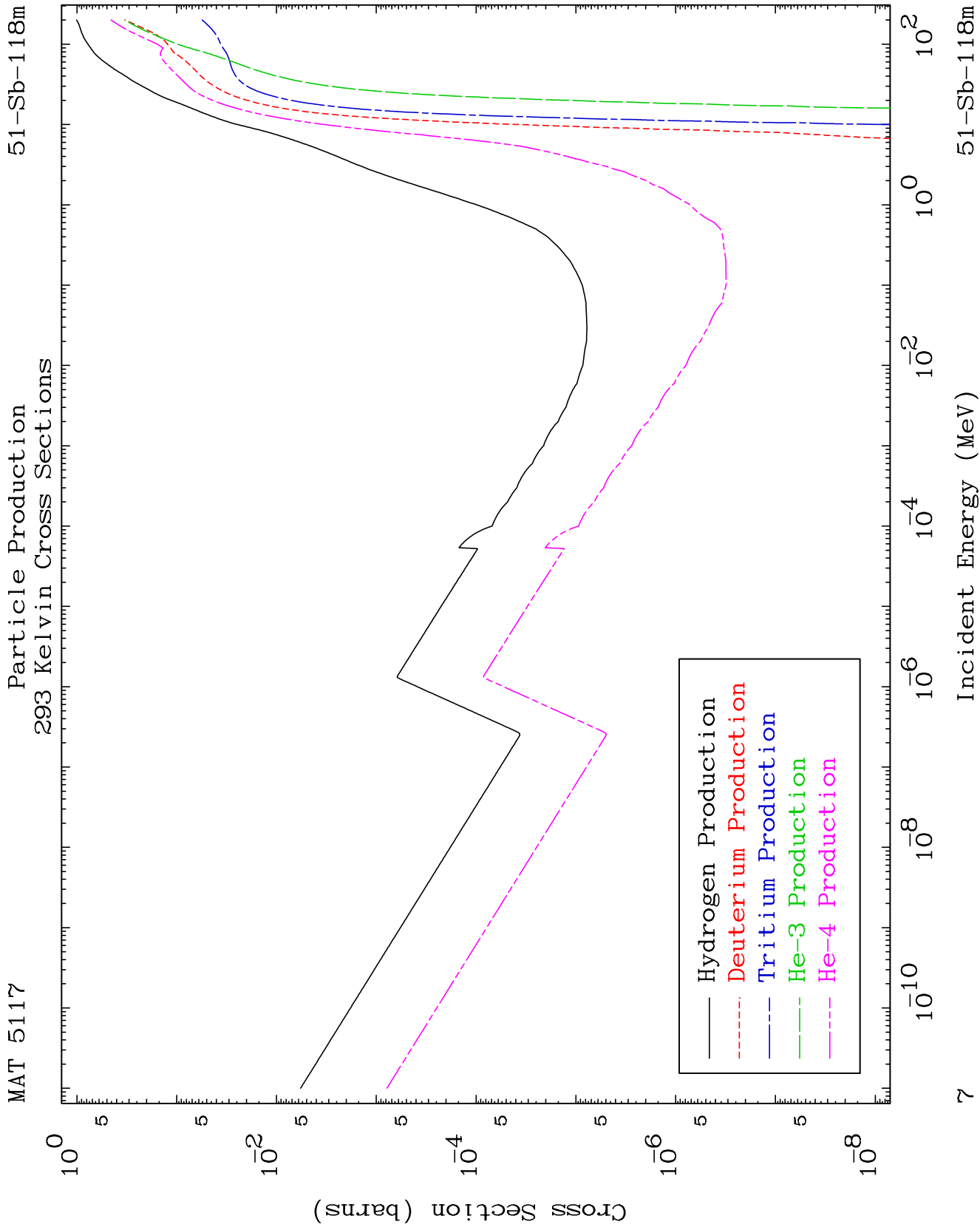








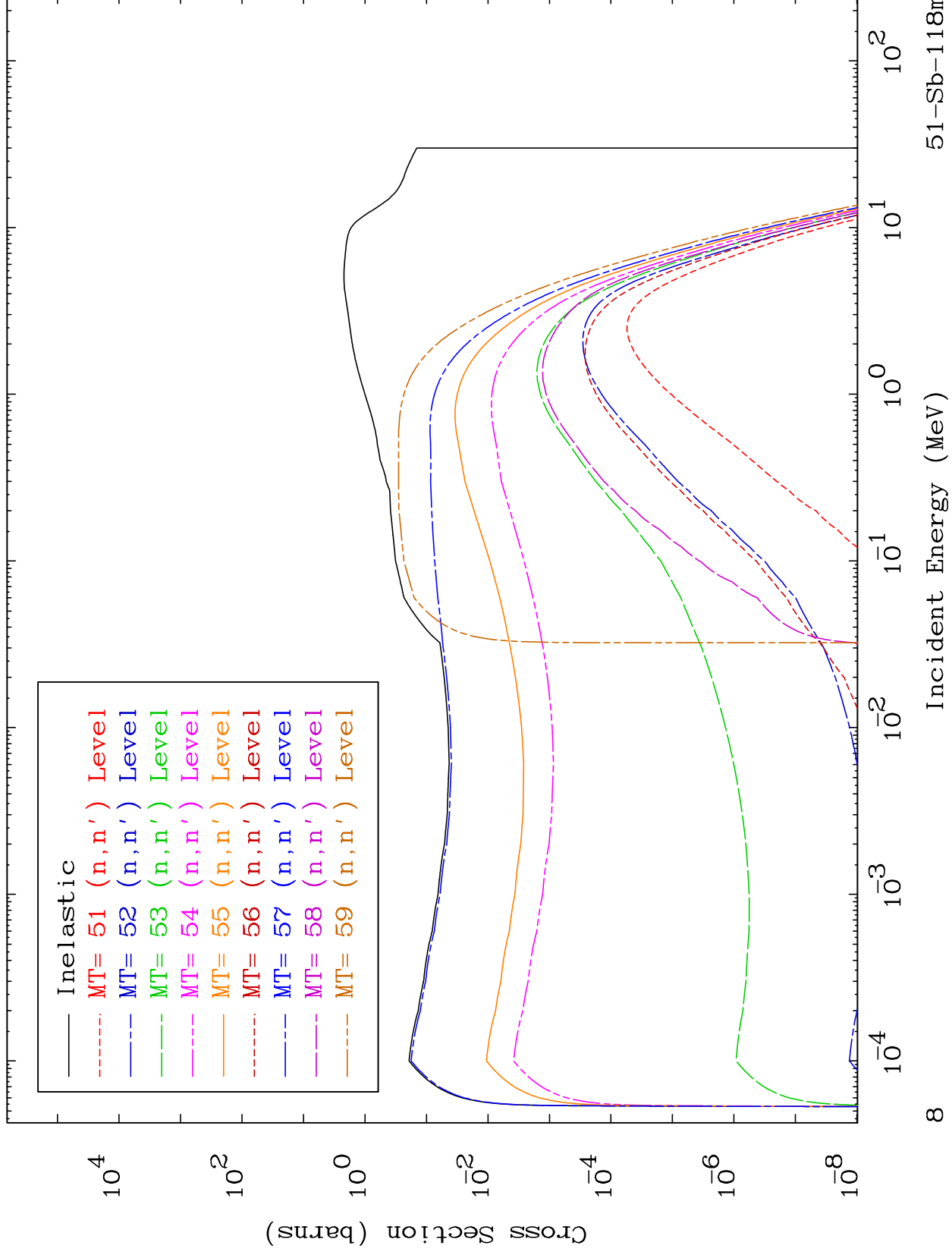


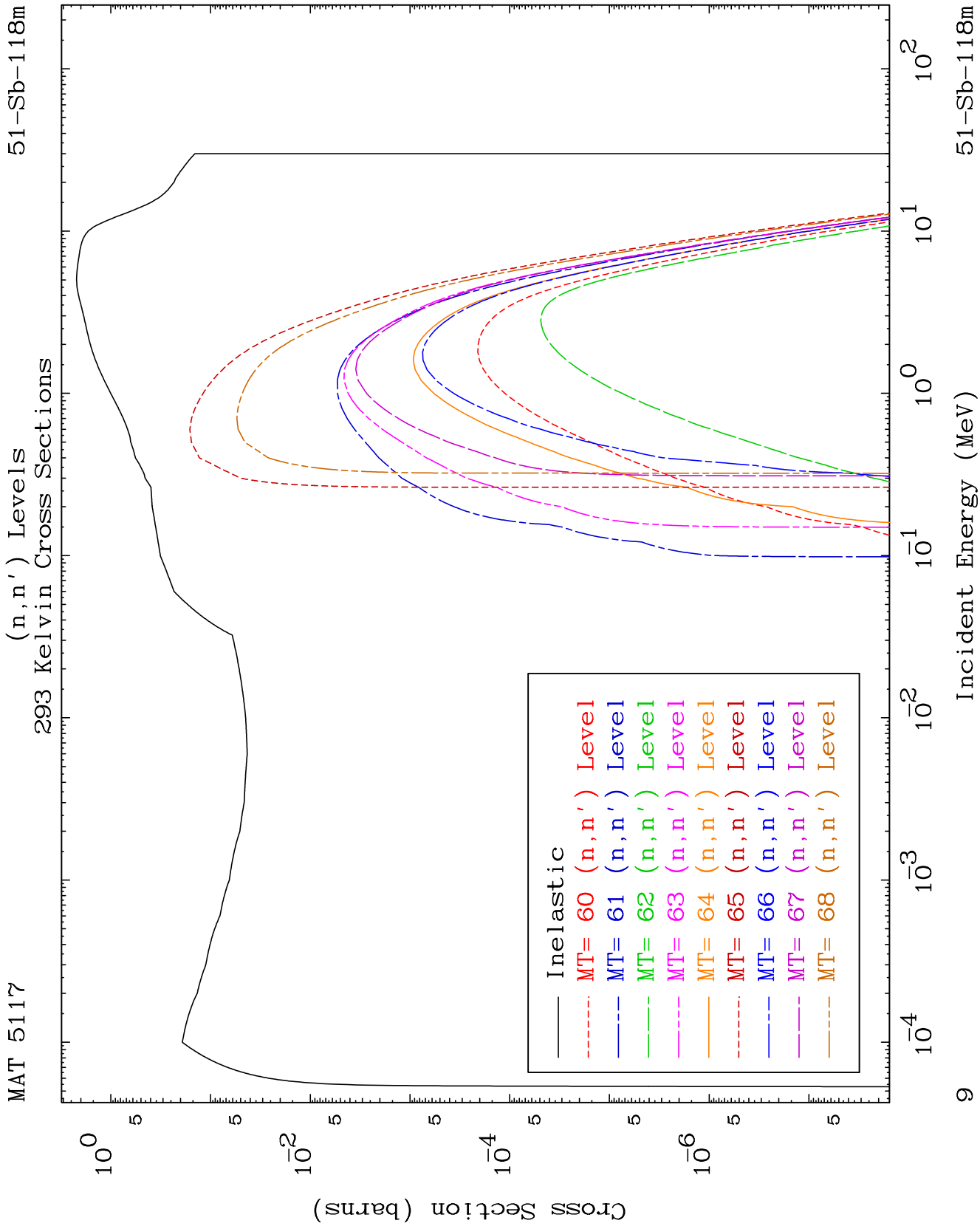


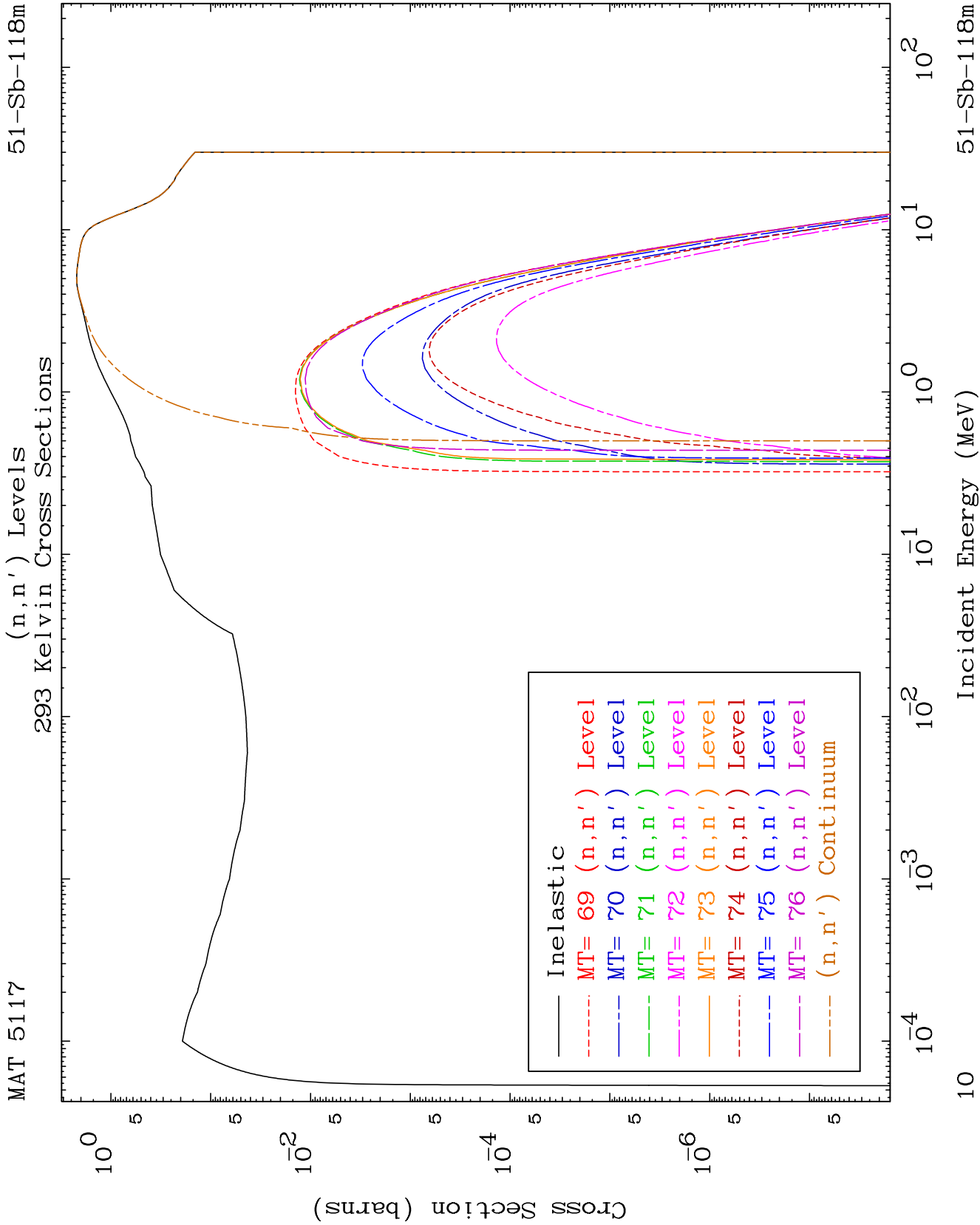
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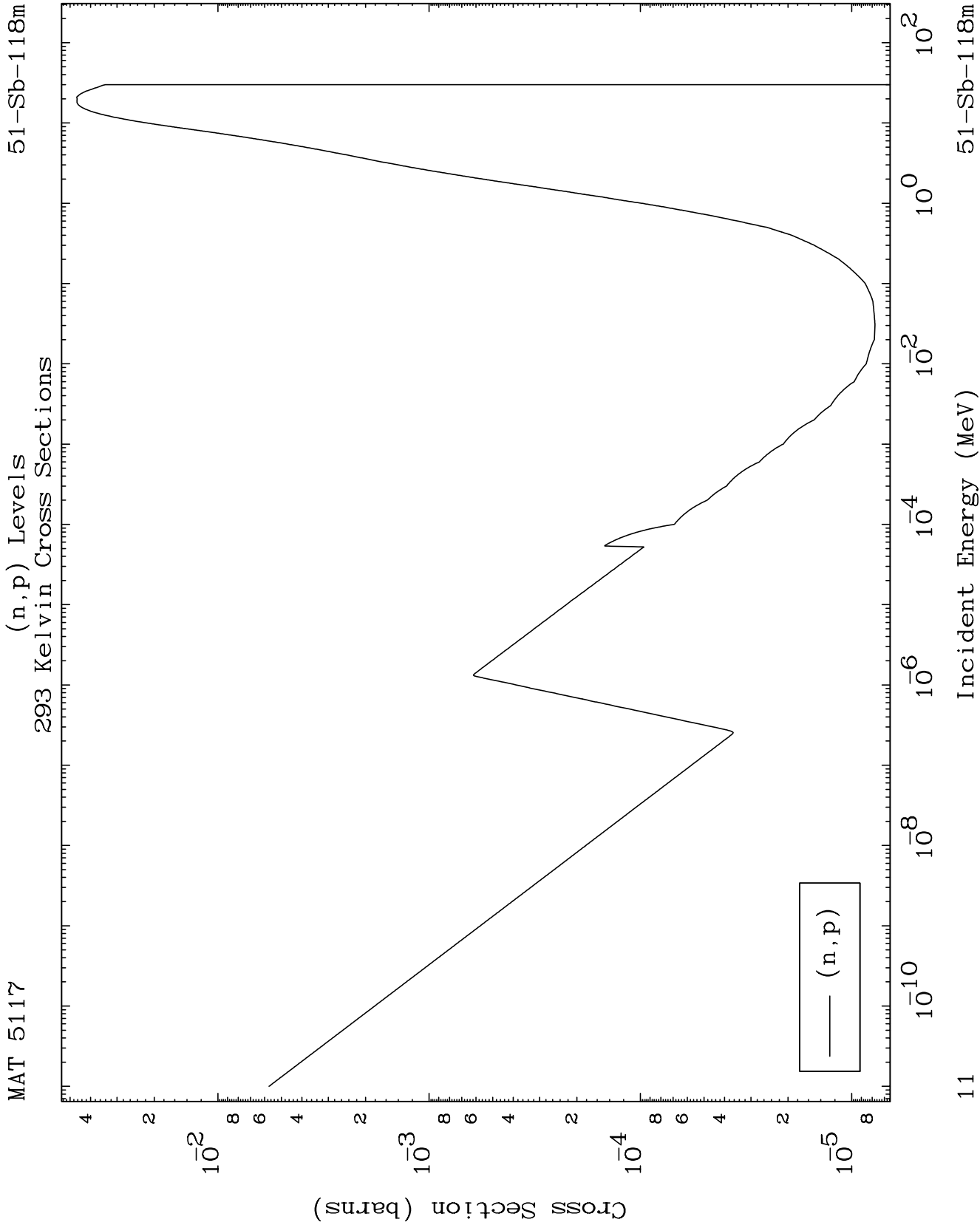
(n,n') Levels
293 Kelvin Cross Sections

51-Sb-118m





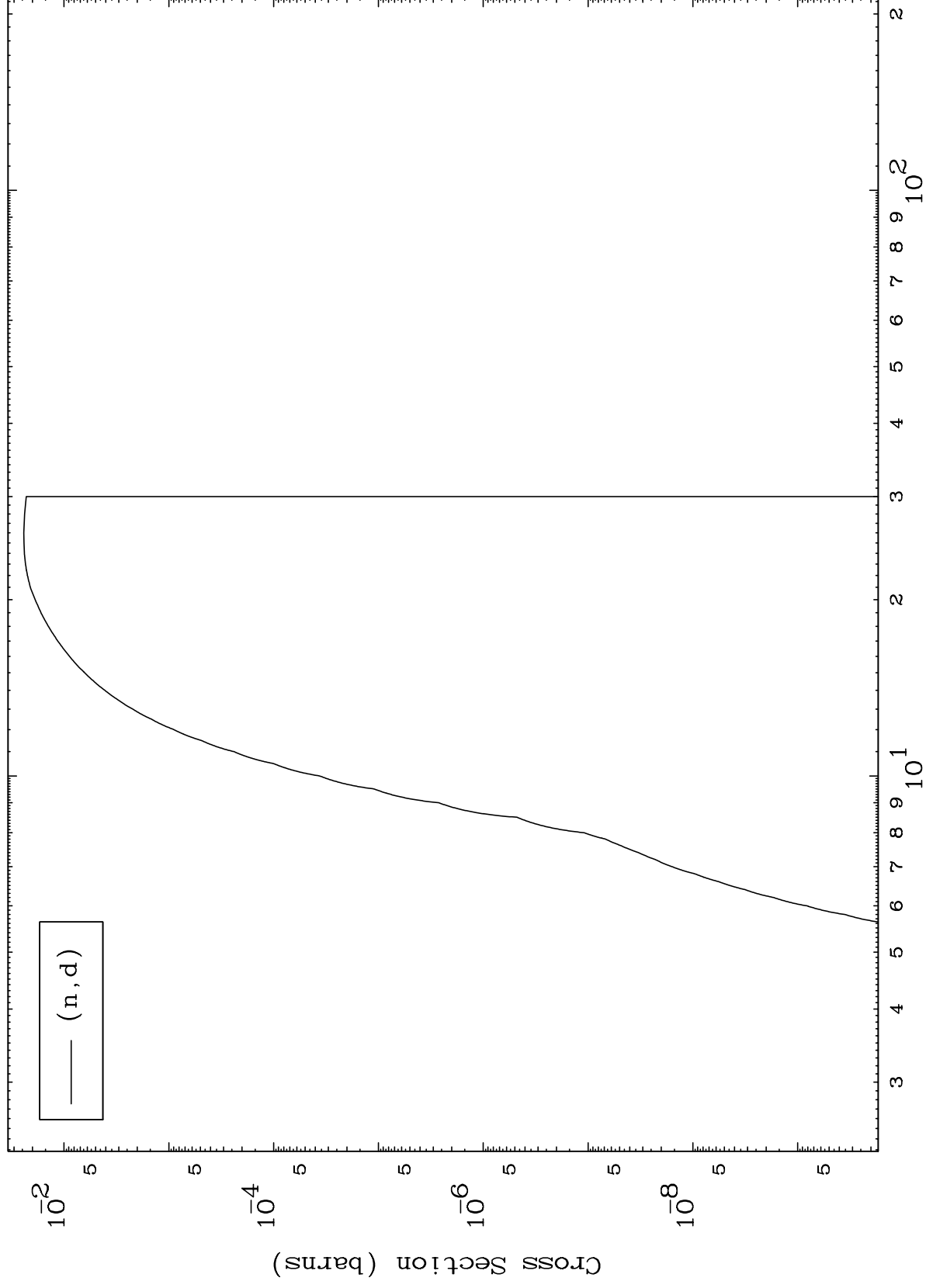




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(n,d) Levels
293 Kelvin Cross Sections

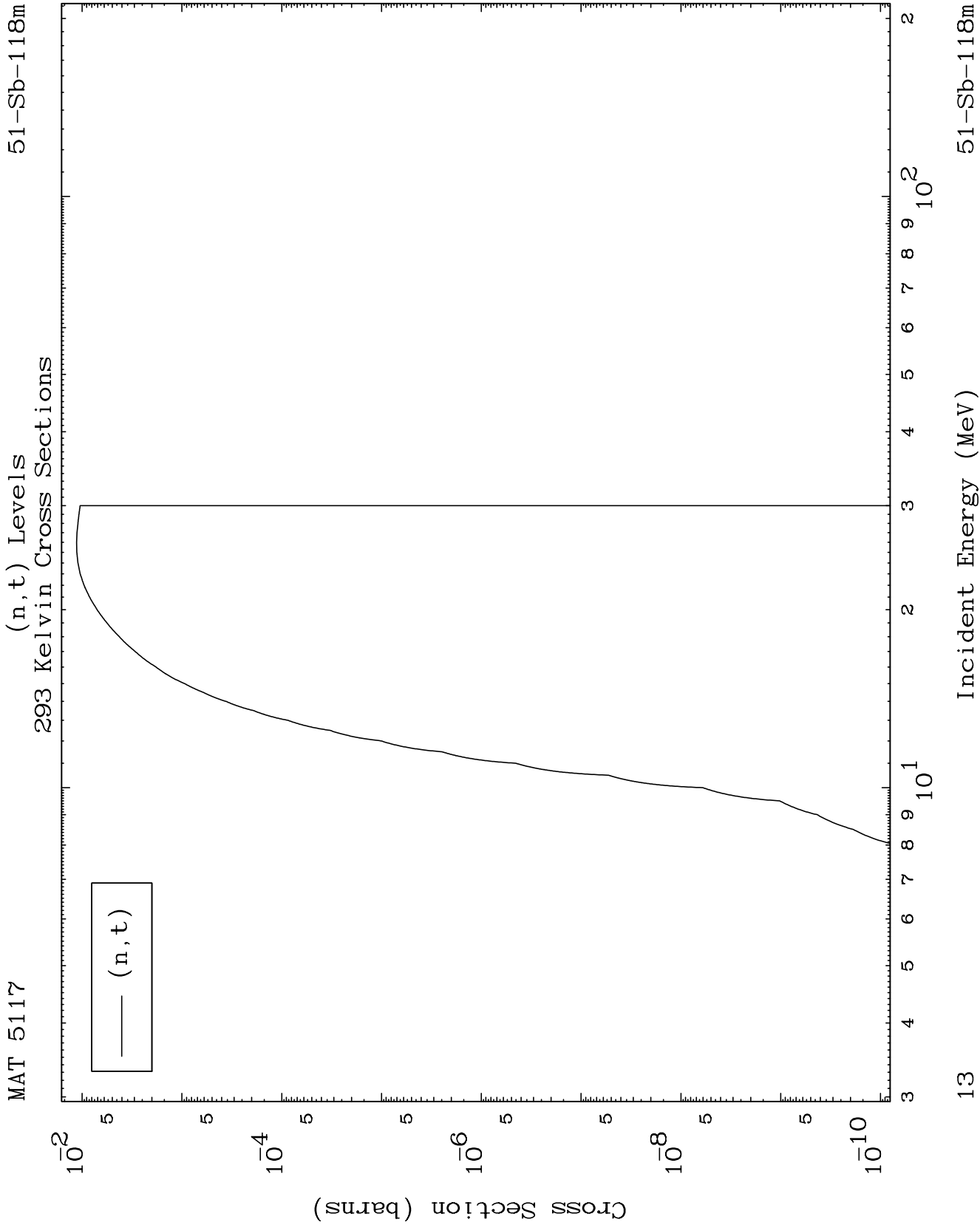
51-Sb-118m



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Incident Energy (MeV)

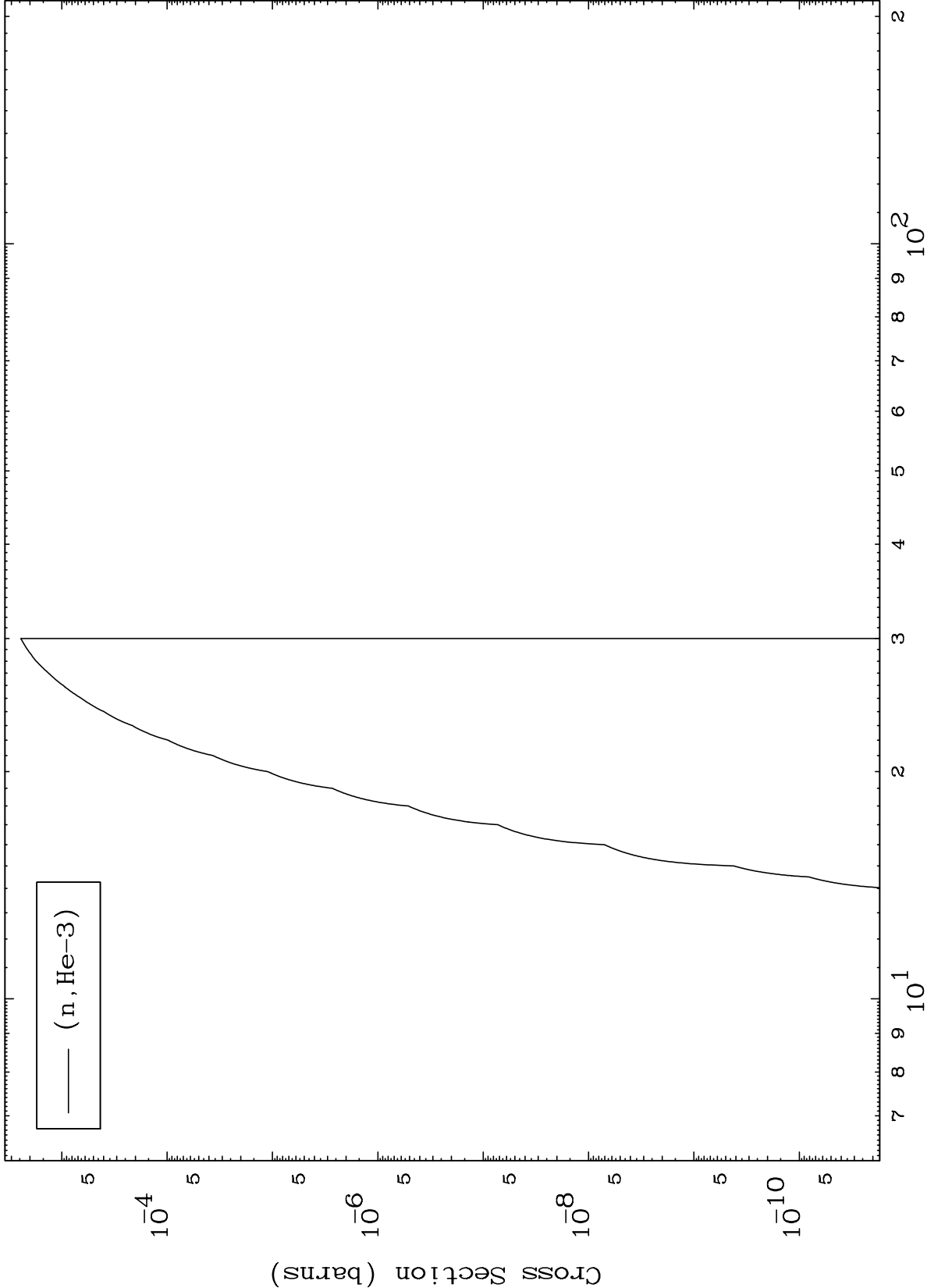
51-Sb-118m



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(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-118m



14

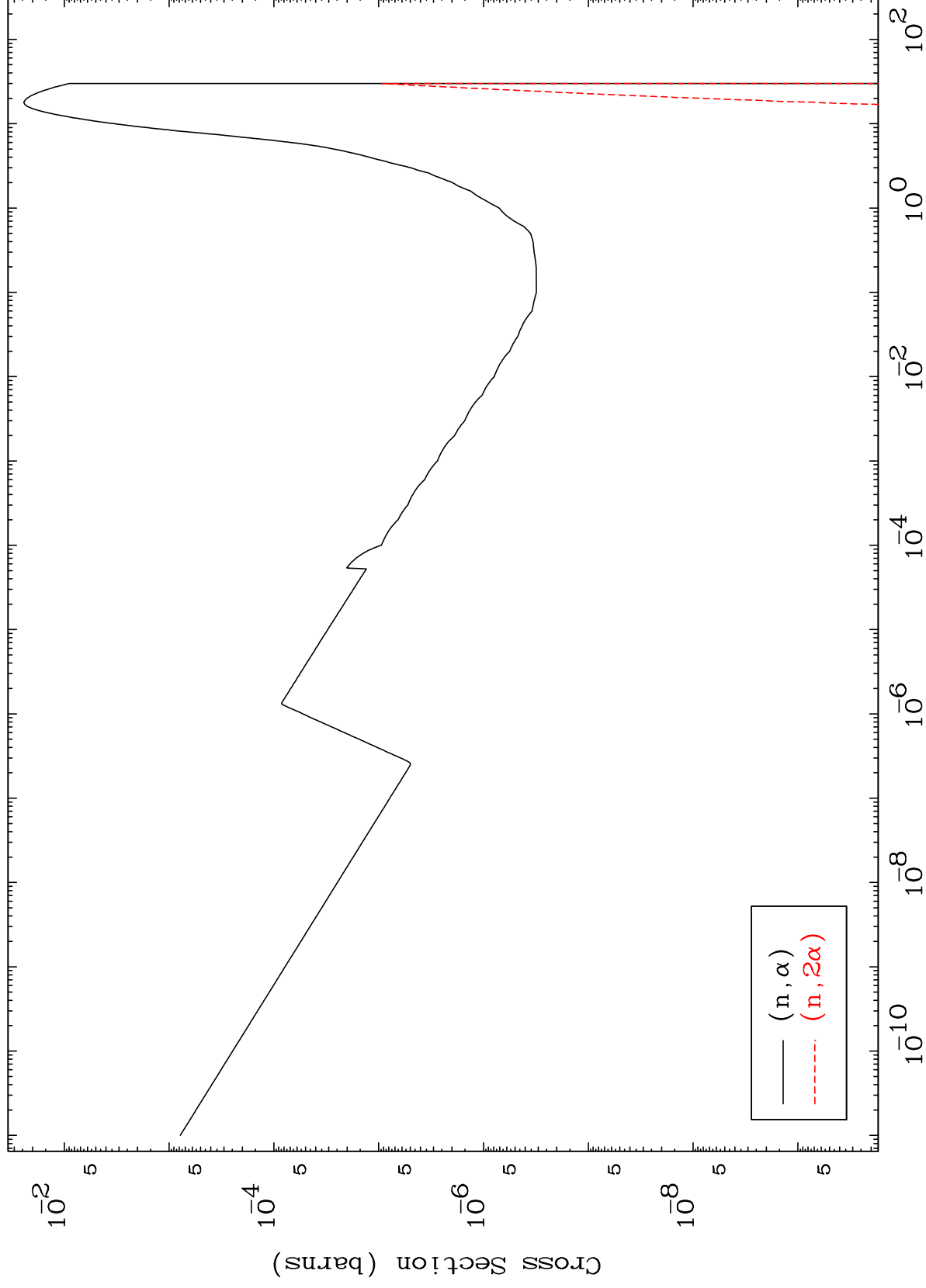
Incident Energy (MeV)

51-Sb-118m

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(n, α) Levels
293 Kelvin Cross Sections

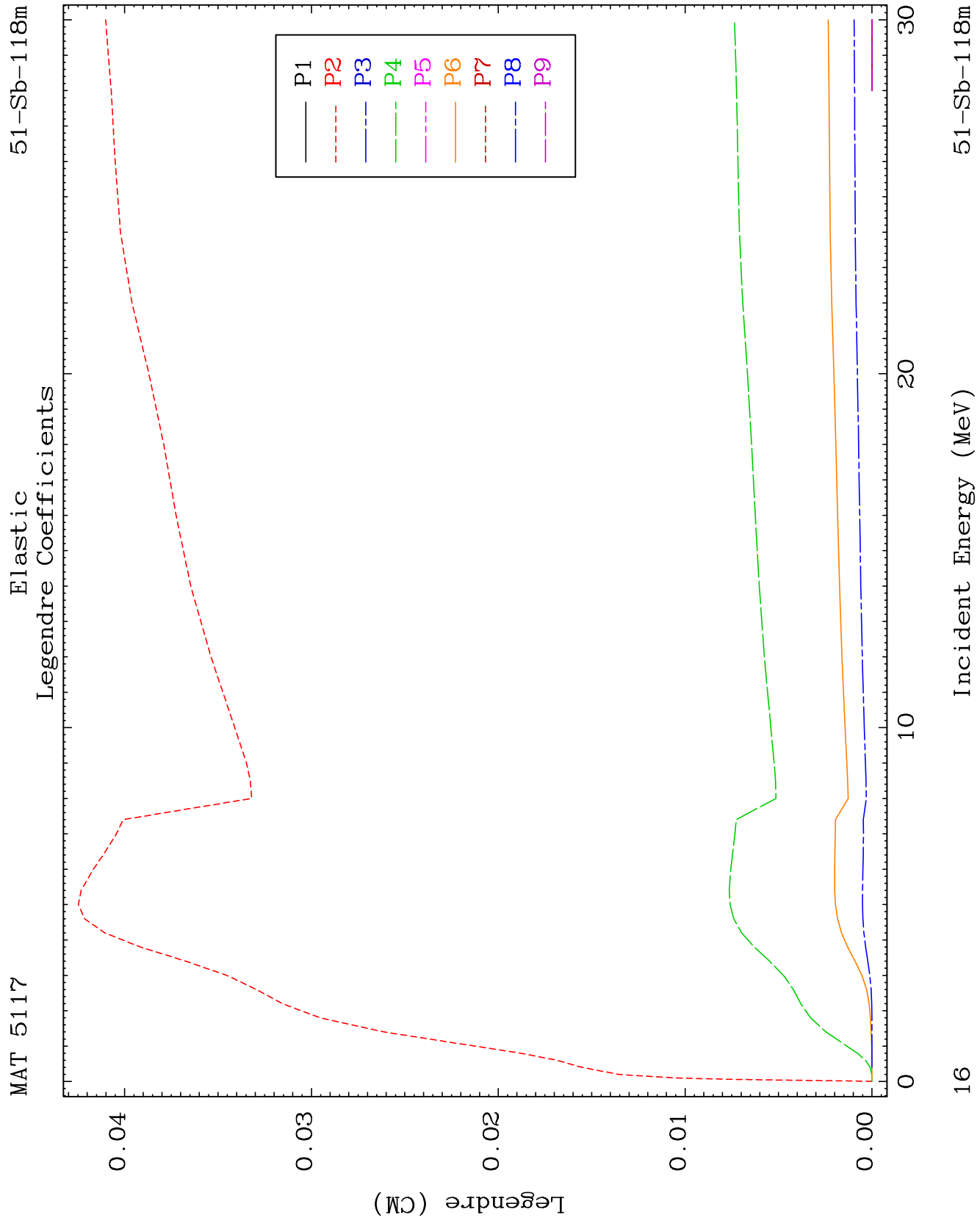
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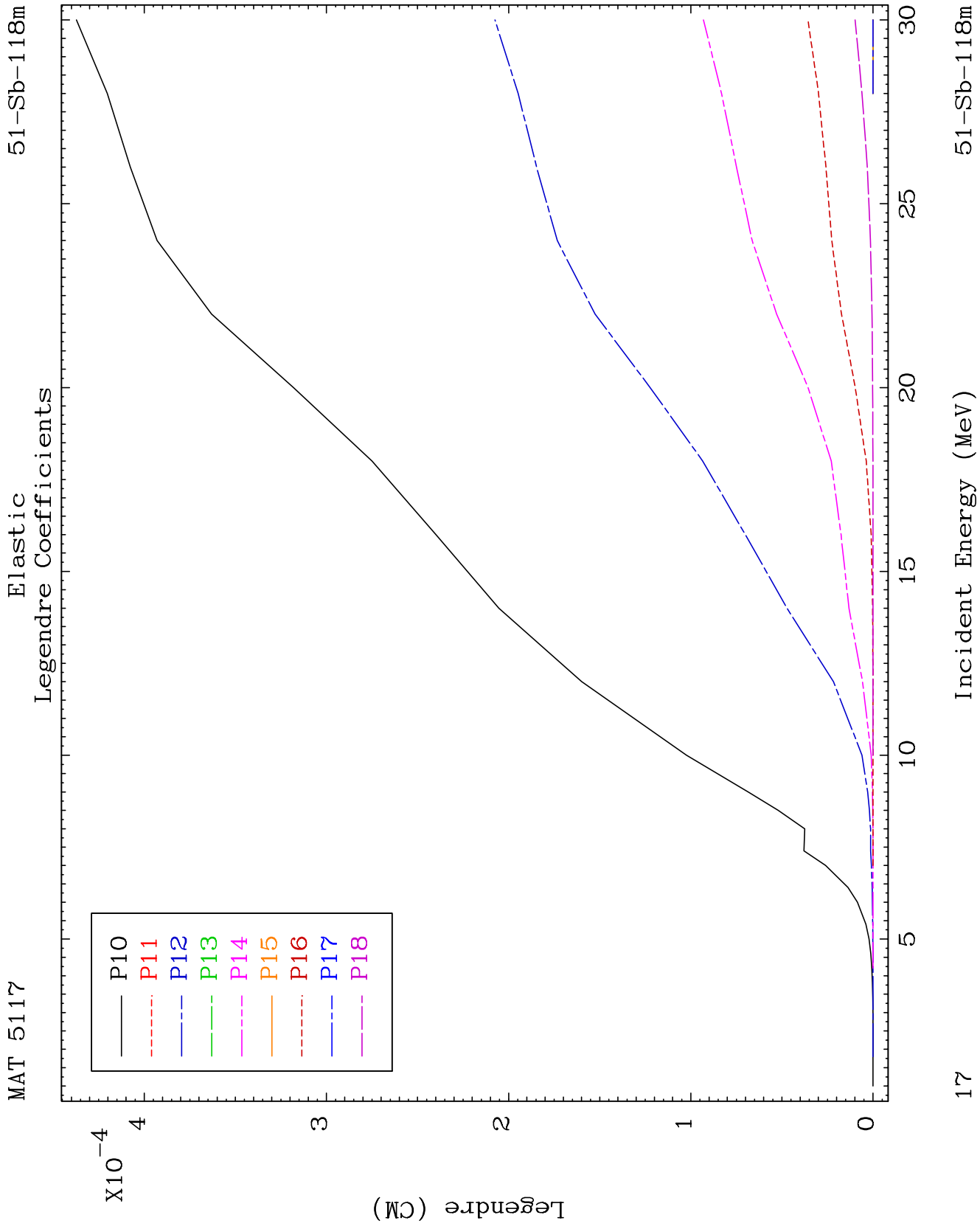


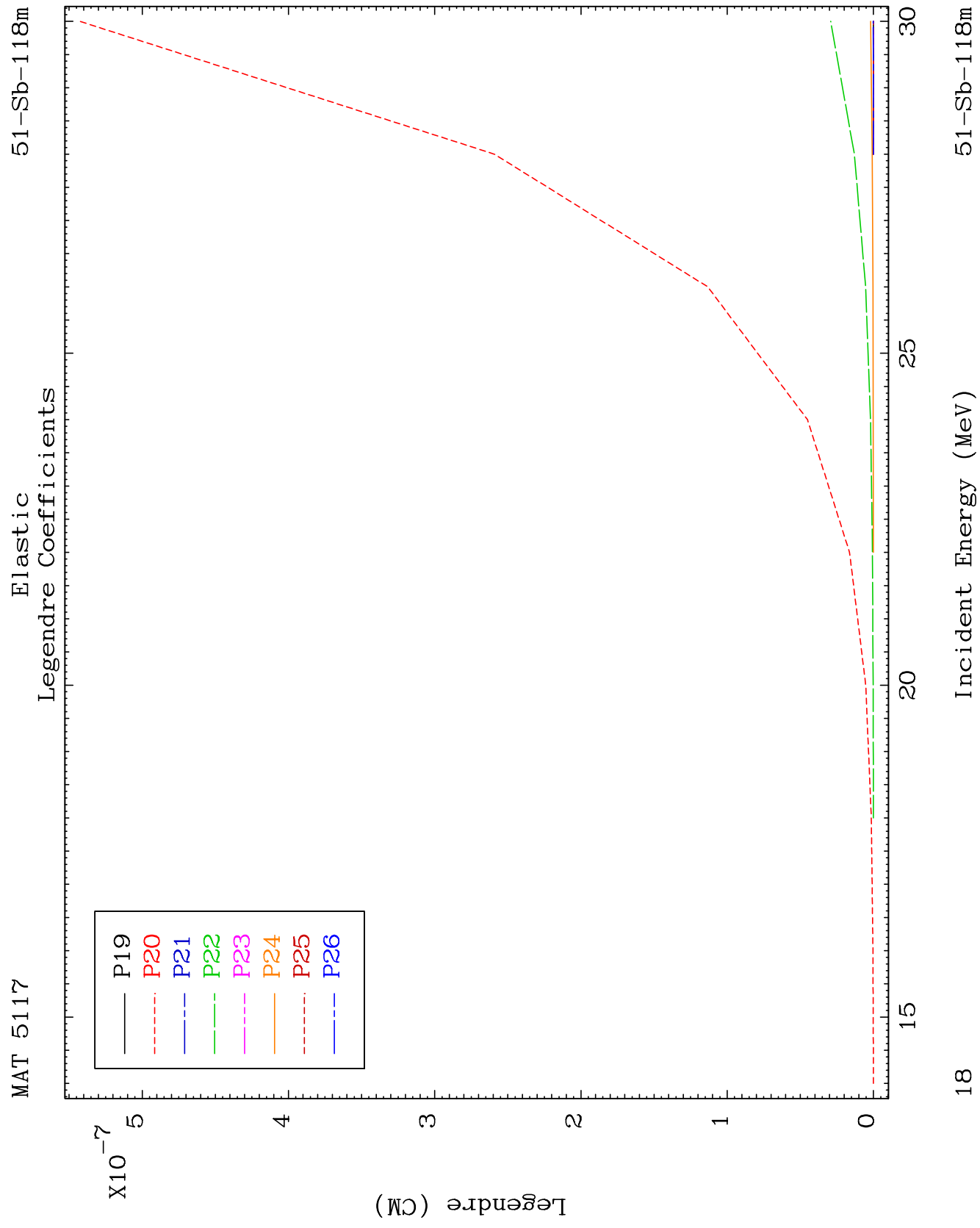
15

Incident Energy (MeV)

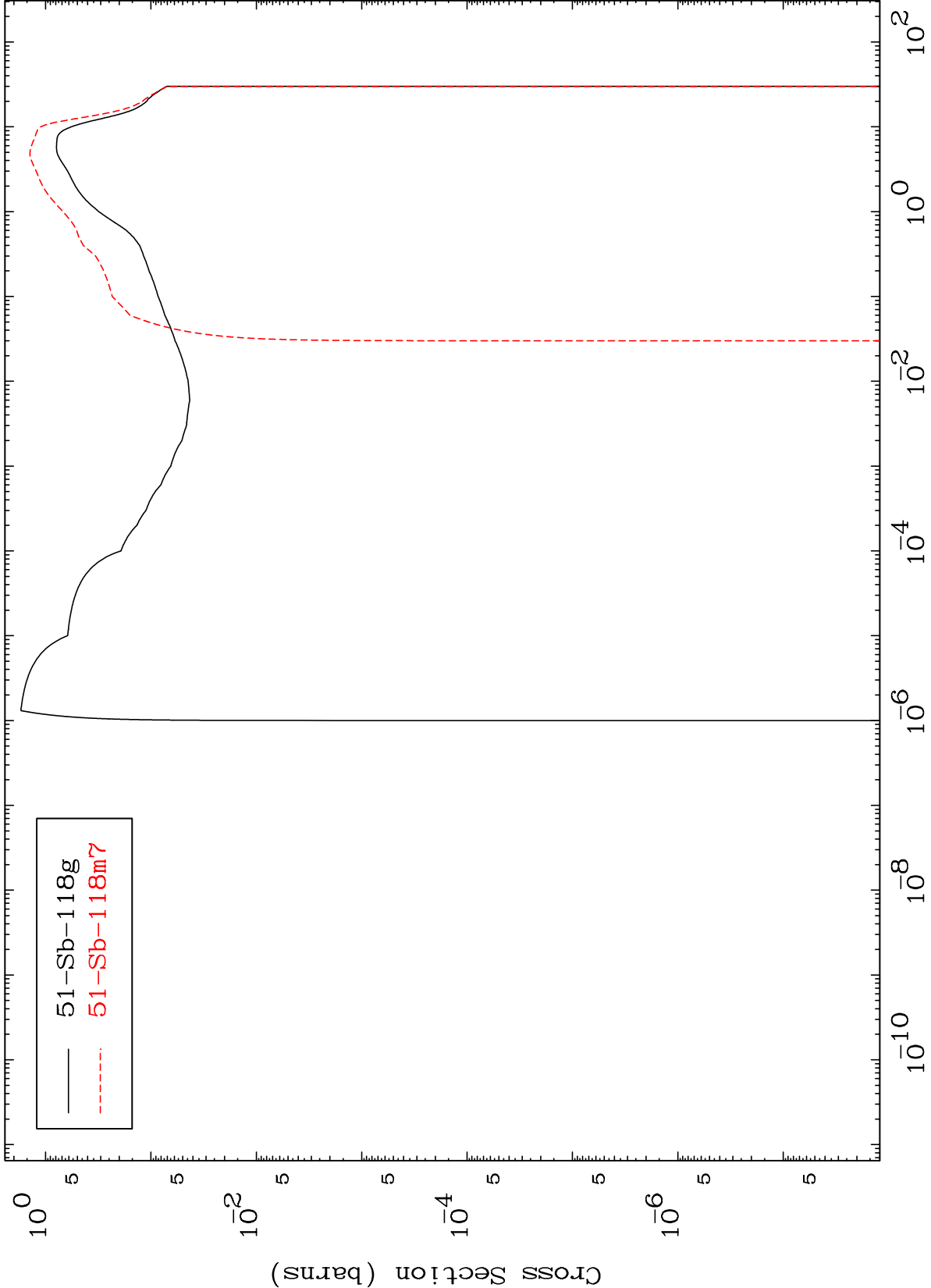
51-Sb-118m







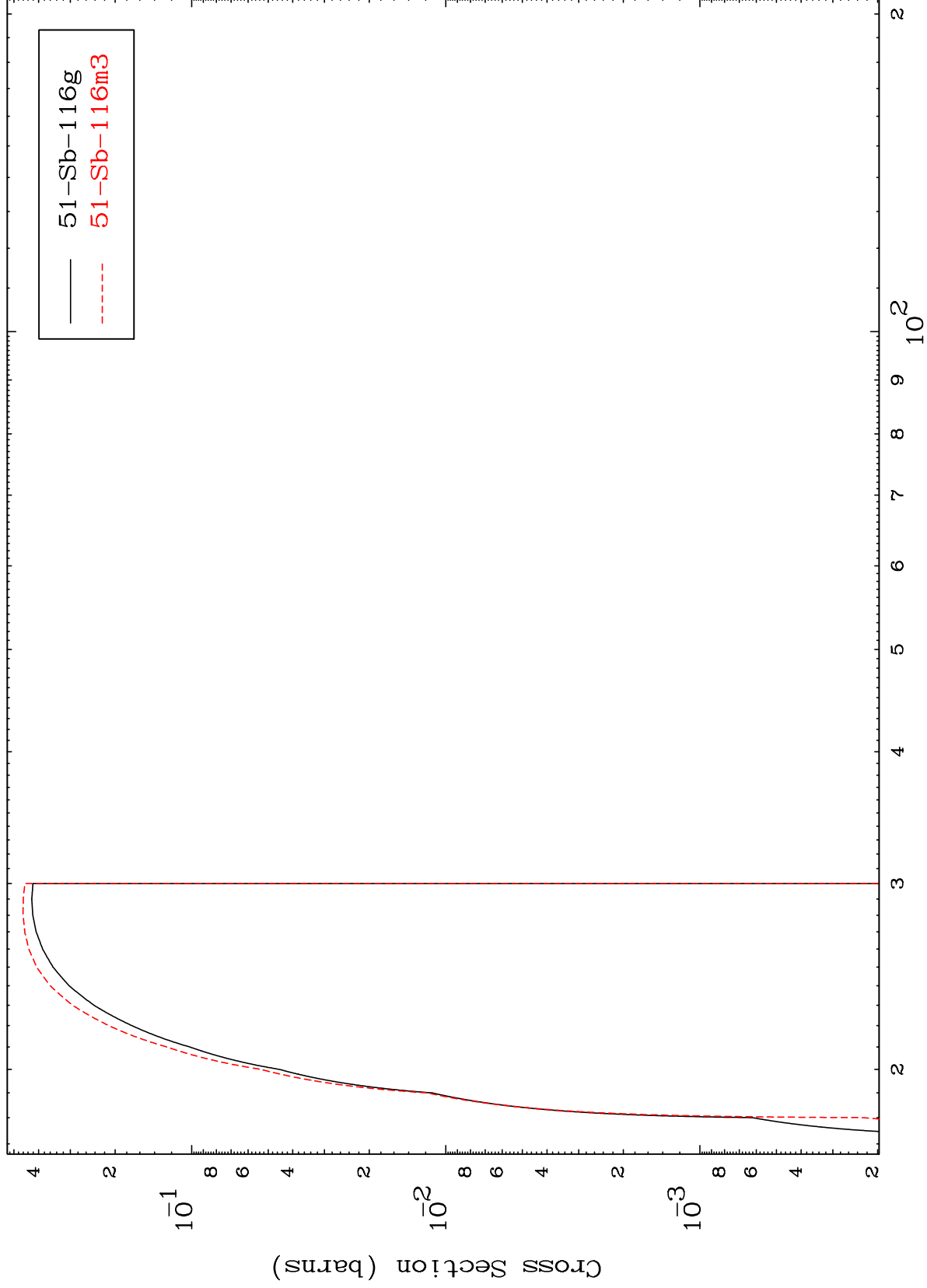
Inelastic
Radionuclide Production Cross Section



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51-Sb-118m

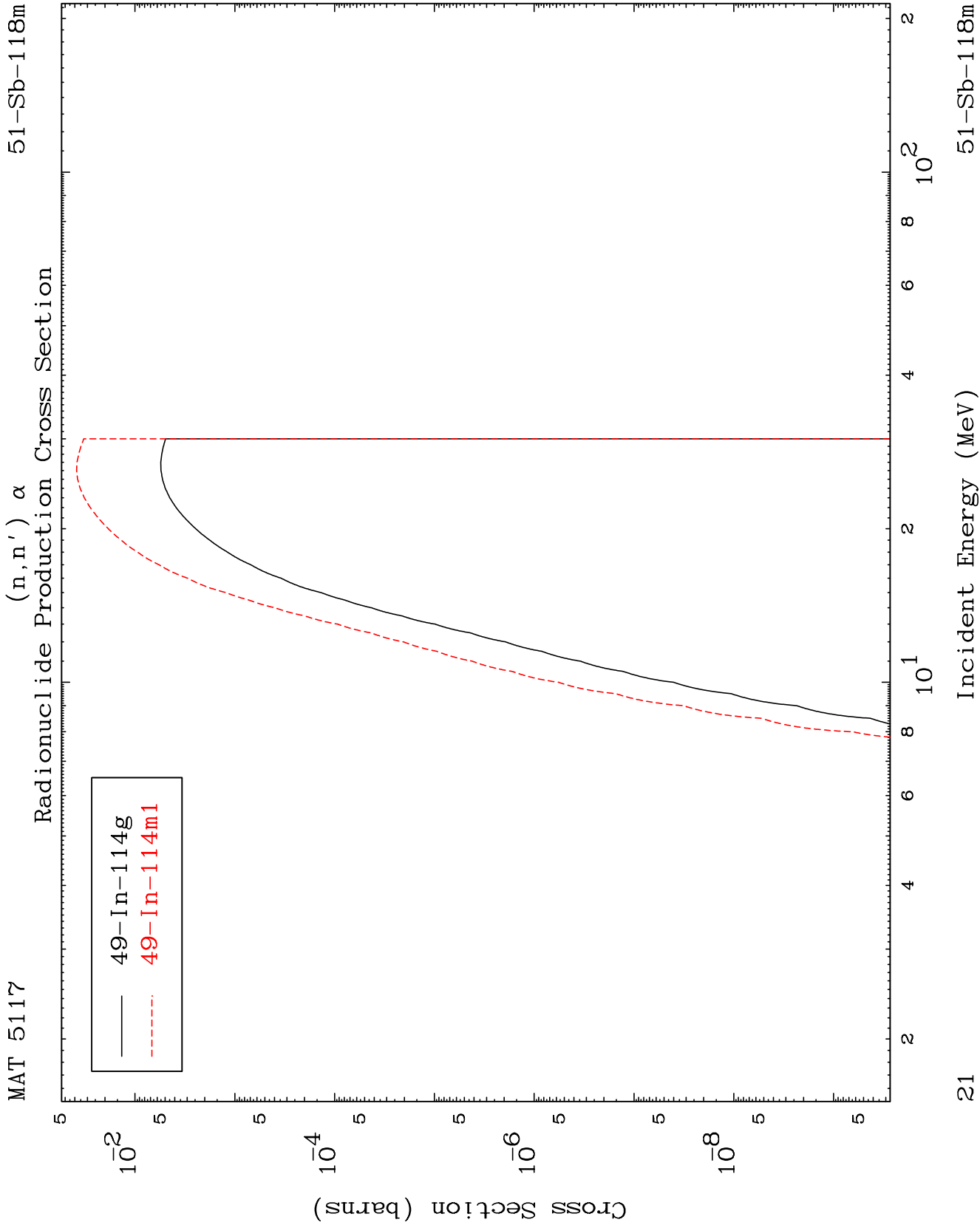
(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

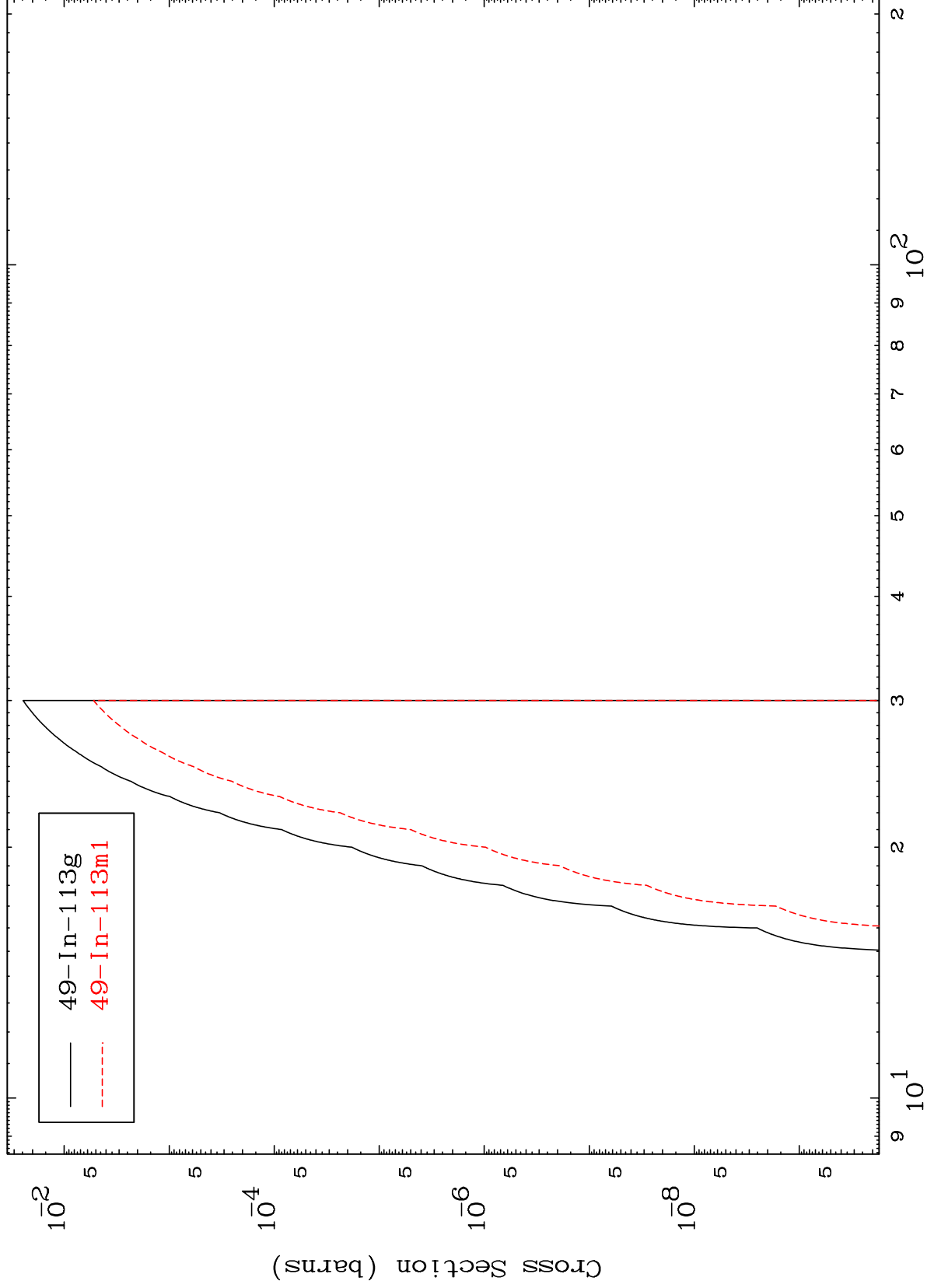
51-Sb-118m



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51-Sb-118m

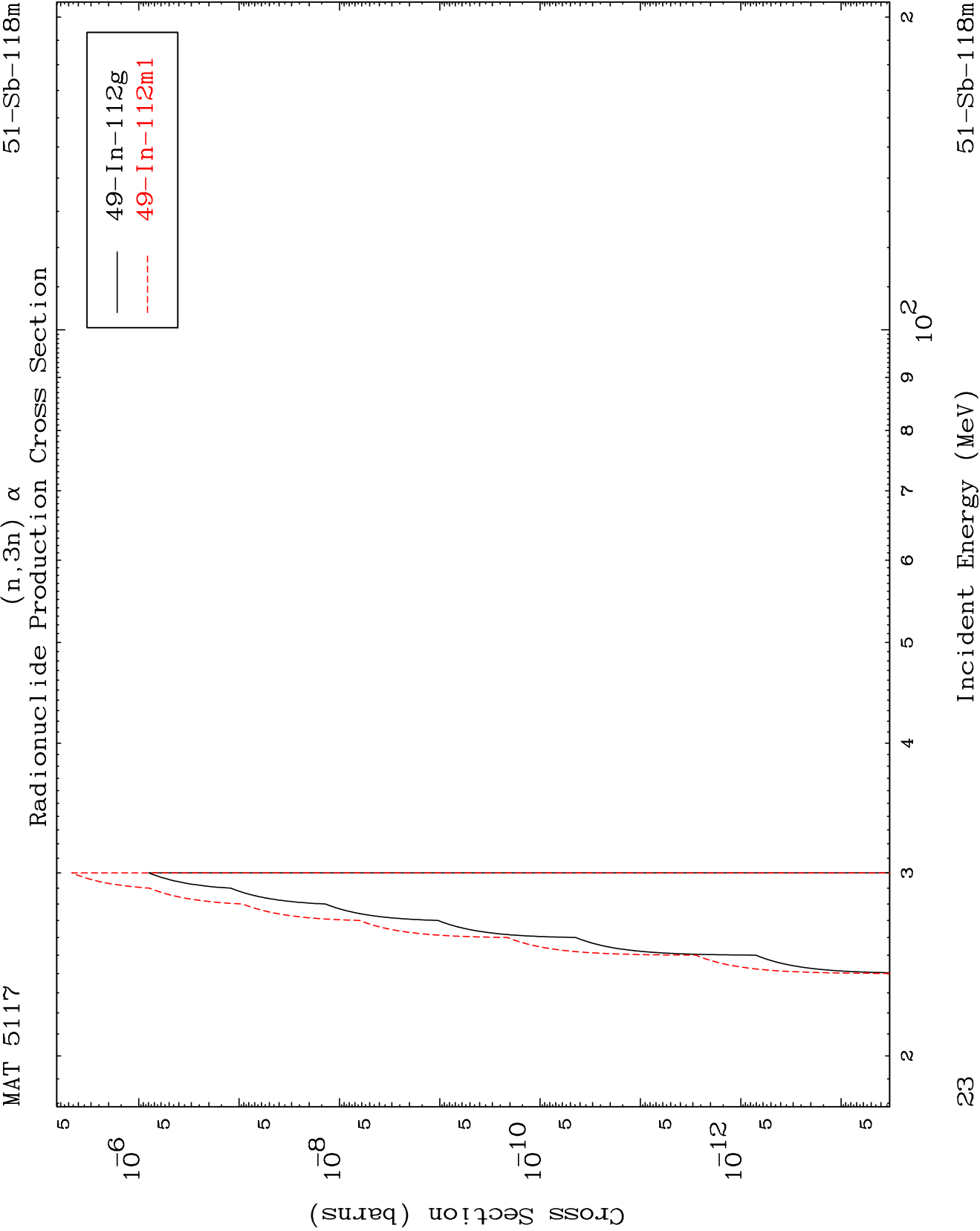
(n,2n) α
Radionuclide Production Cross Section

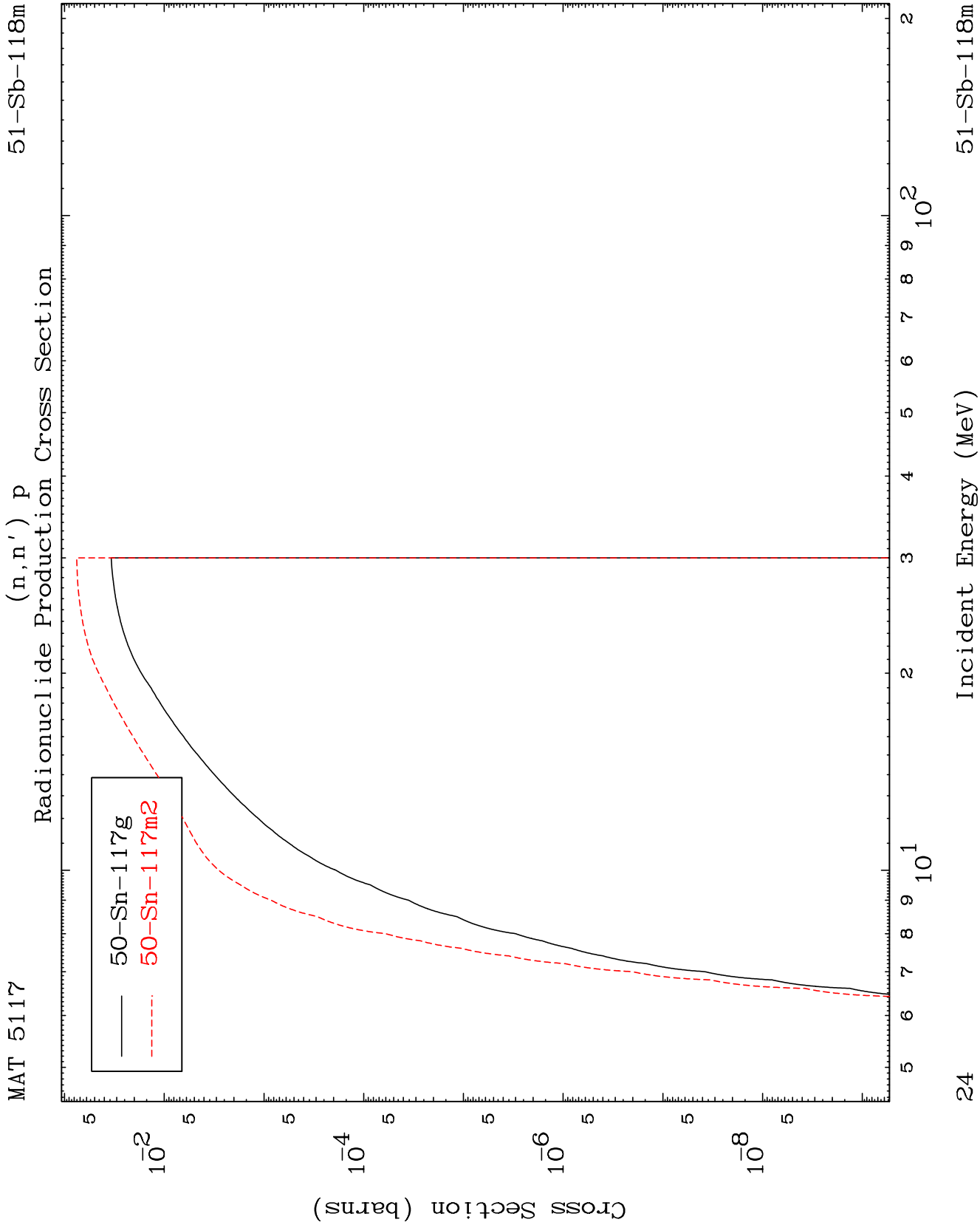


51-Sb-118m

Incident Energy (MeV)

22



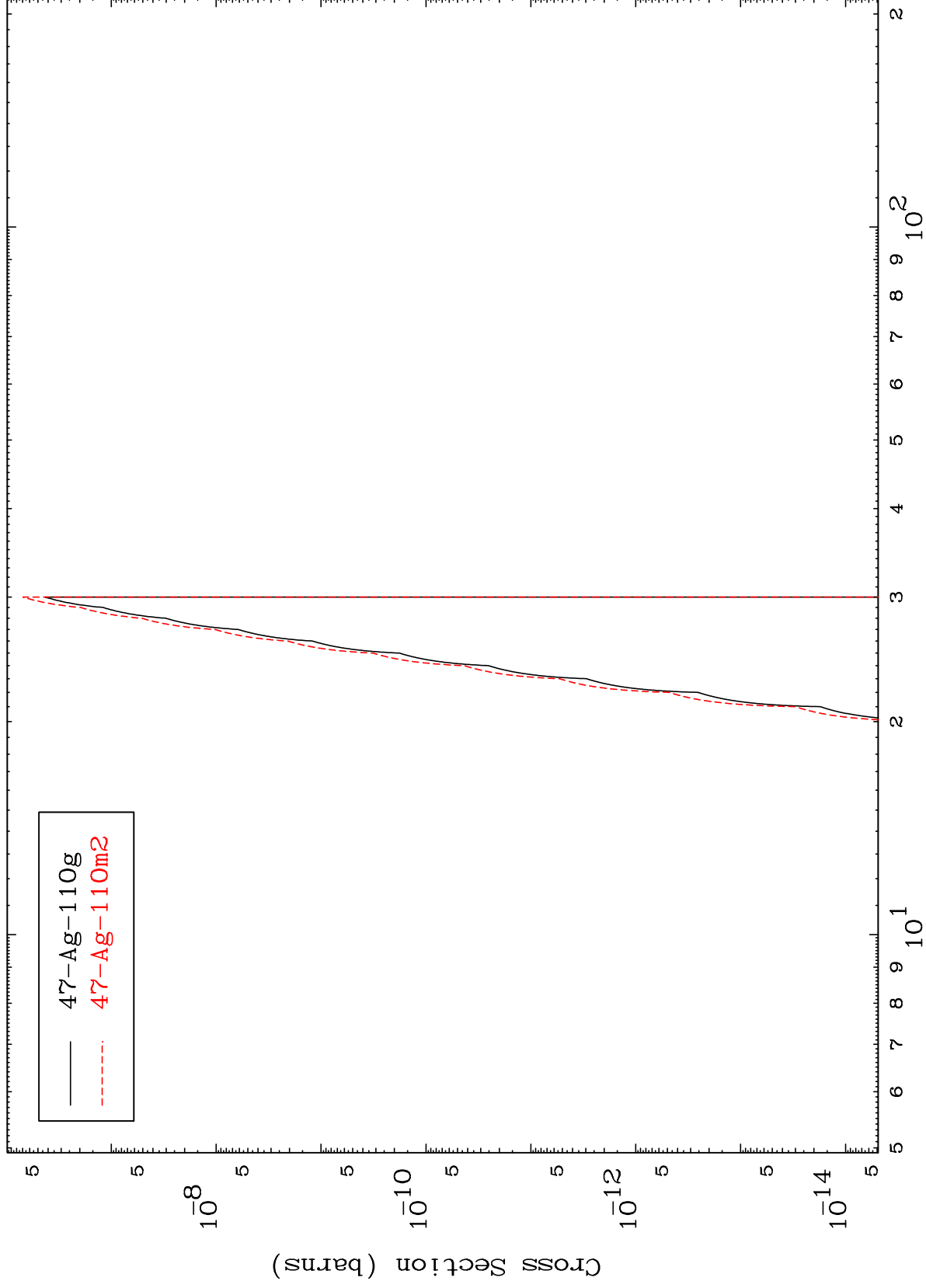


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(n,n') 2 α

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Radionuclide Production Cross Section

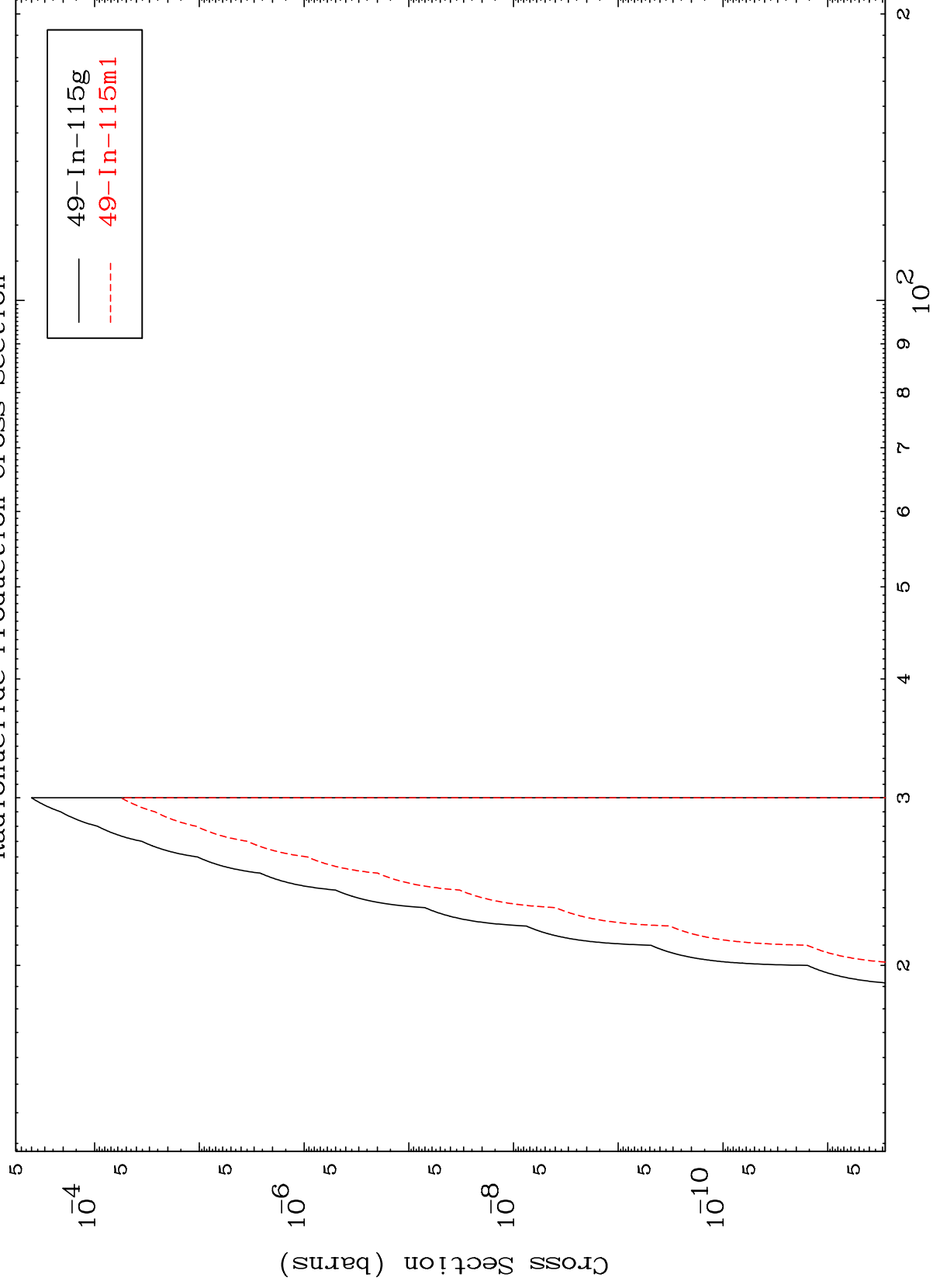


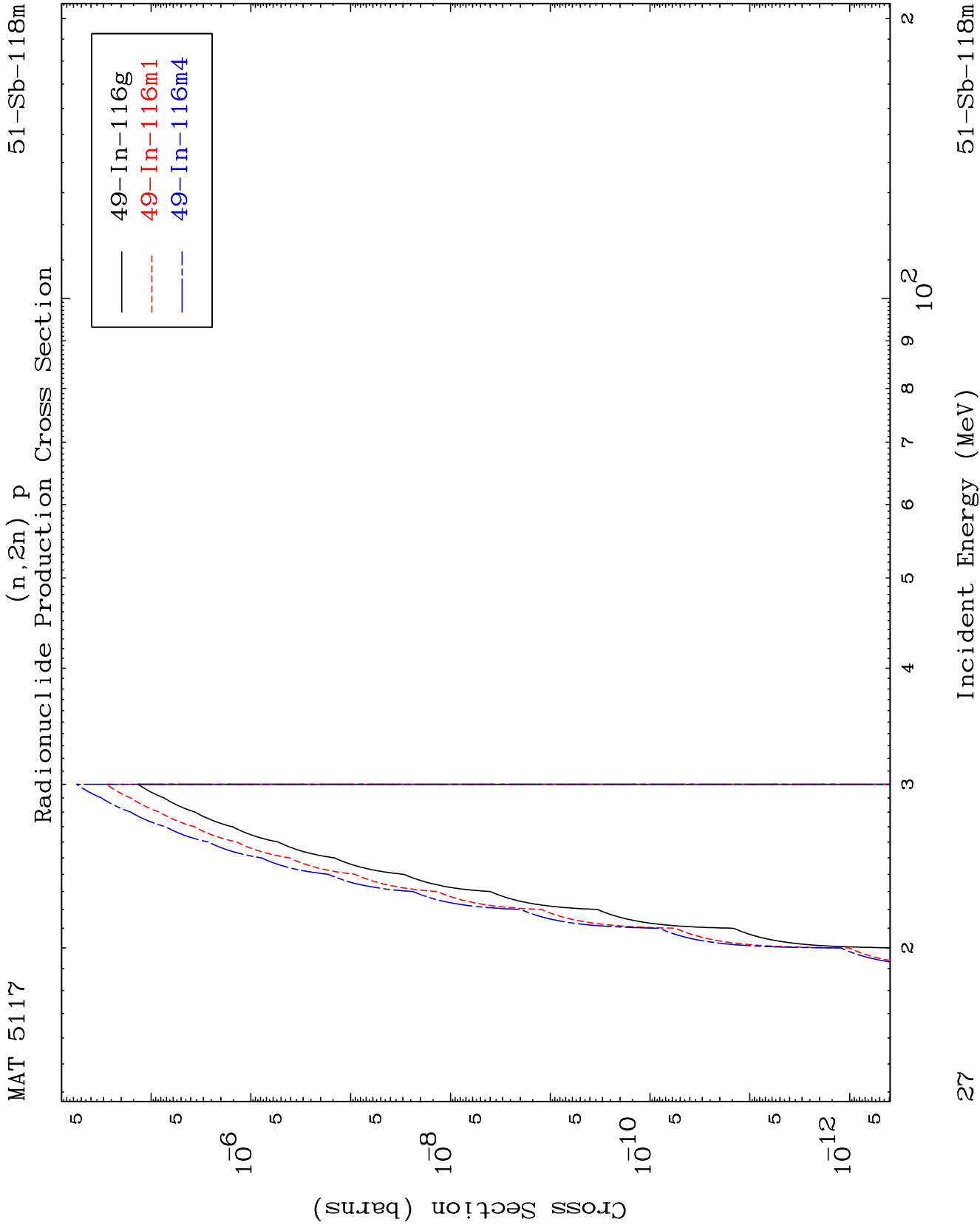
25

Incident Energy (MeV)

51-Sb-118m

Radionuclide Production Cross Section

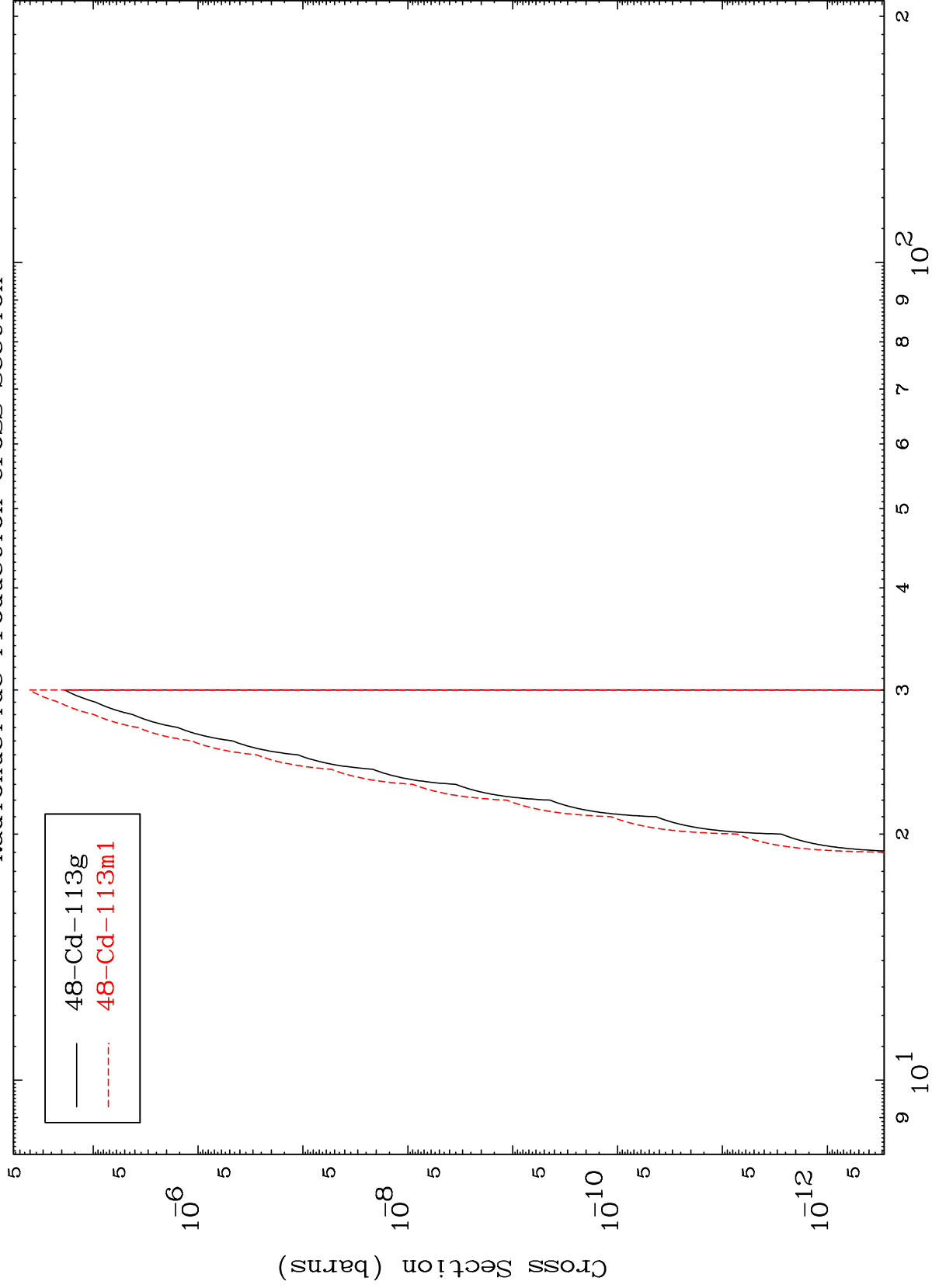




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51-Sb-118m

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

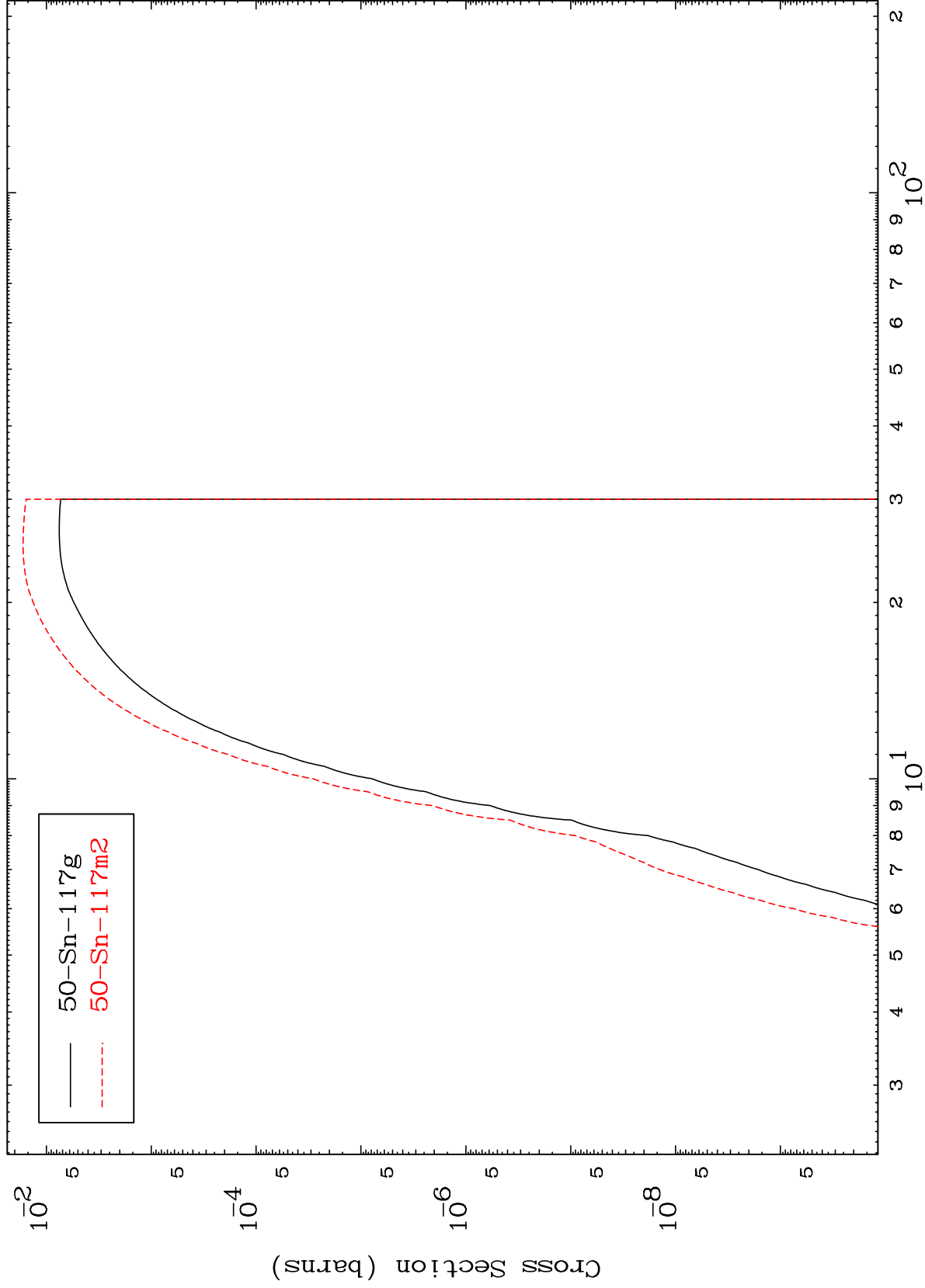


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Incident Energy (MeV)

51-Sb-118m

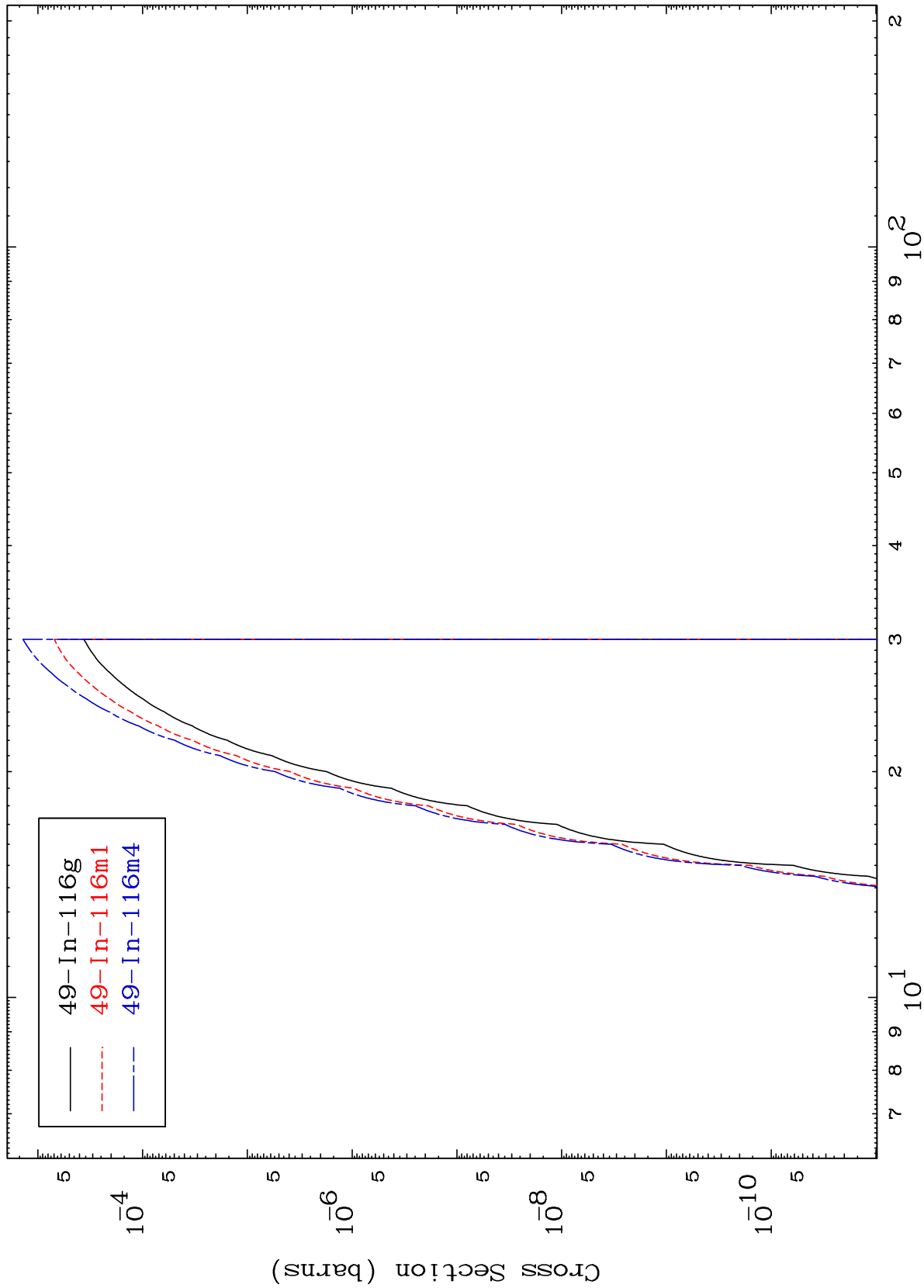
Radionuclide Production Cross Section (n,d)



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51-Sb-118m

Radionuclide Production Cross Section

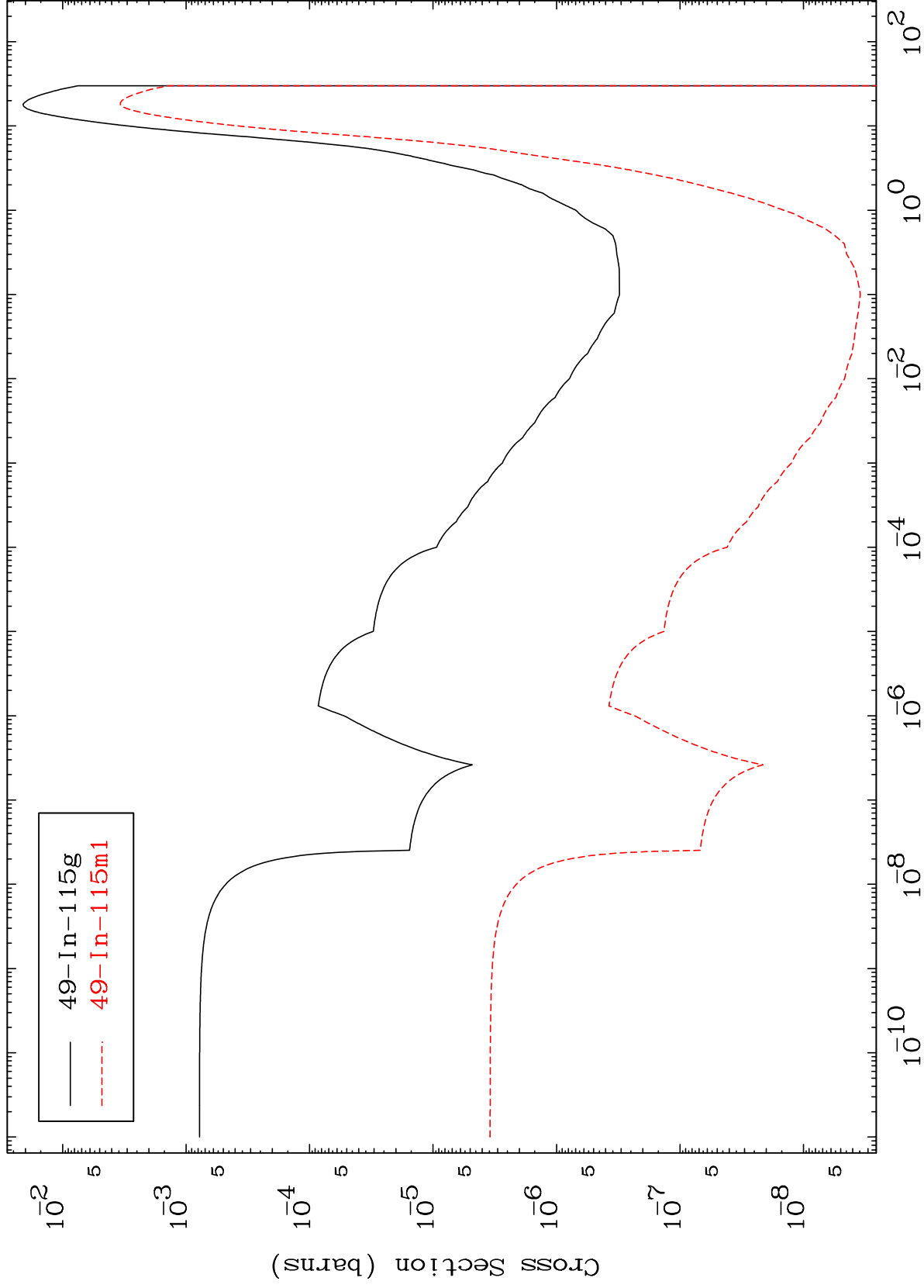


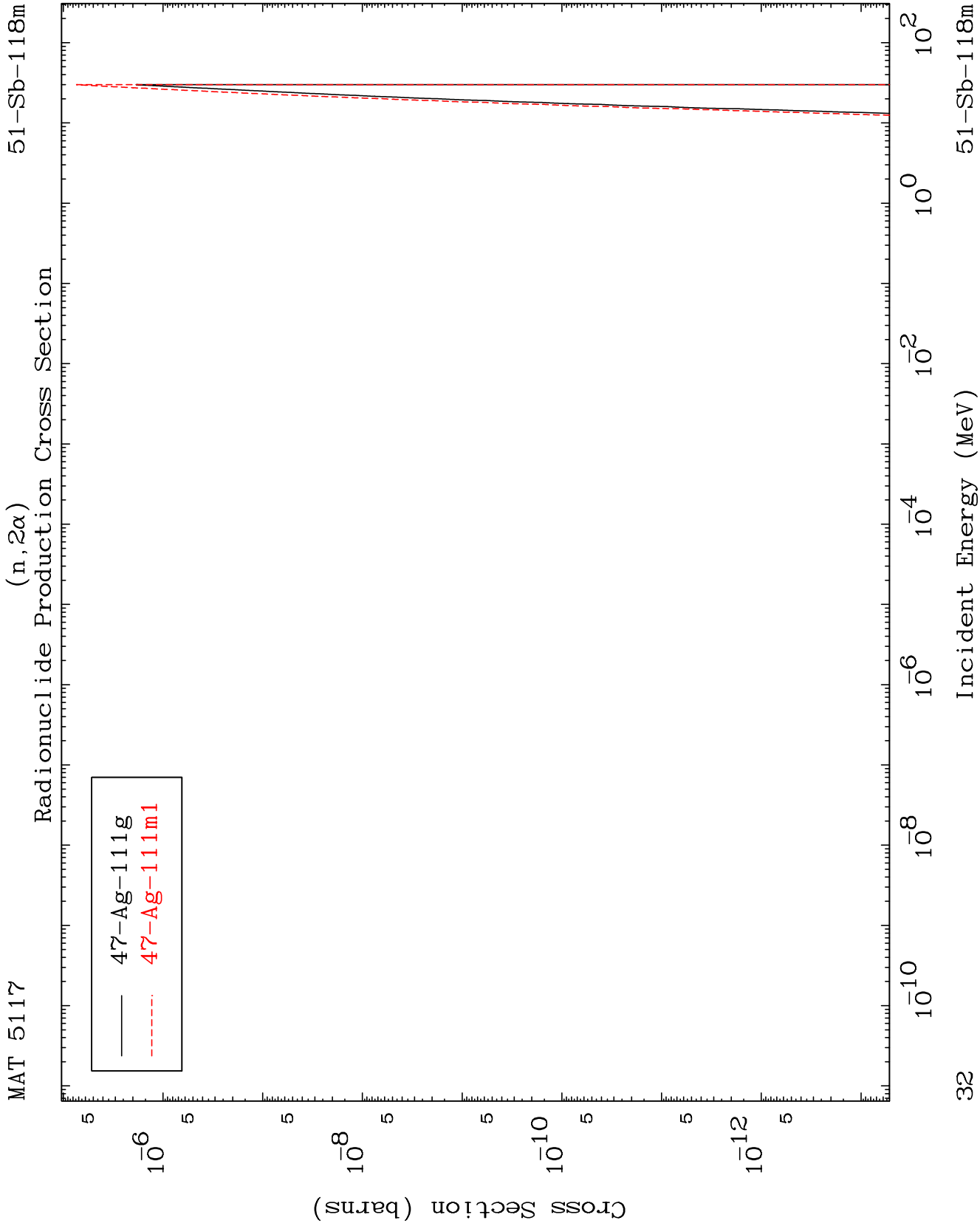
51-Sb-118m

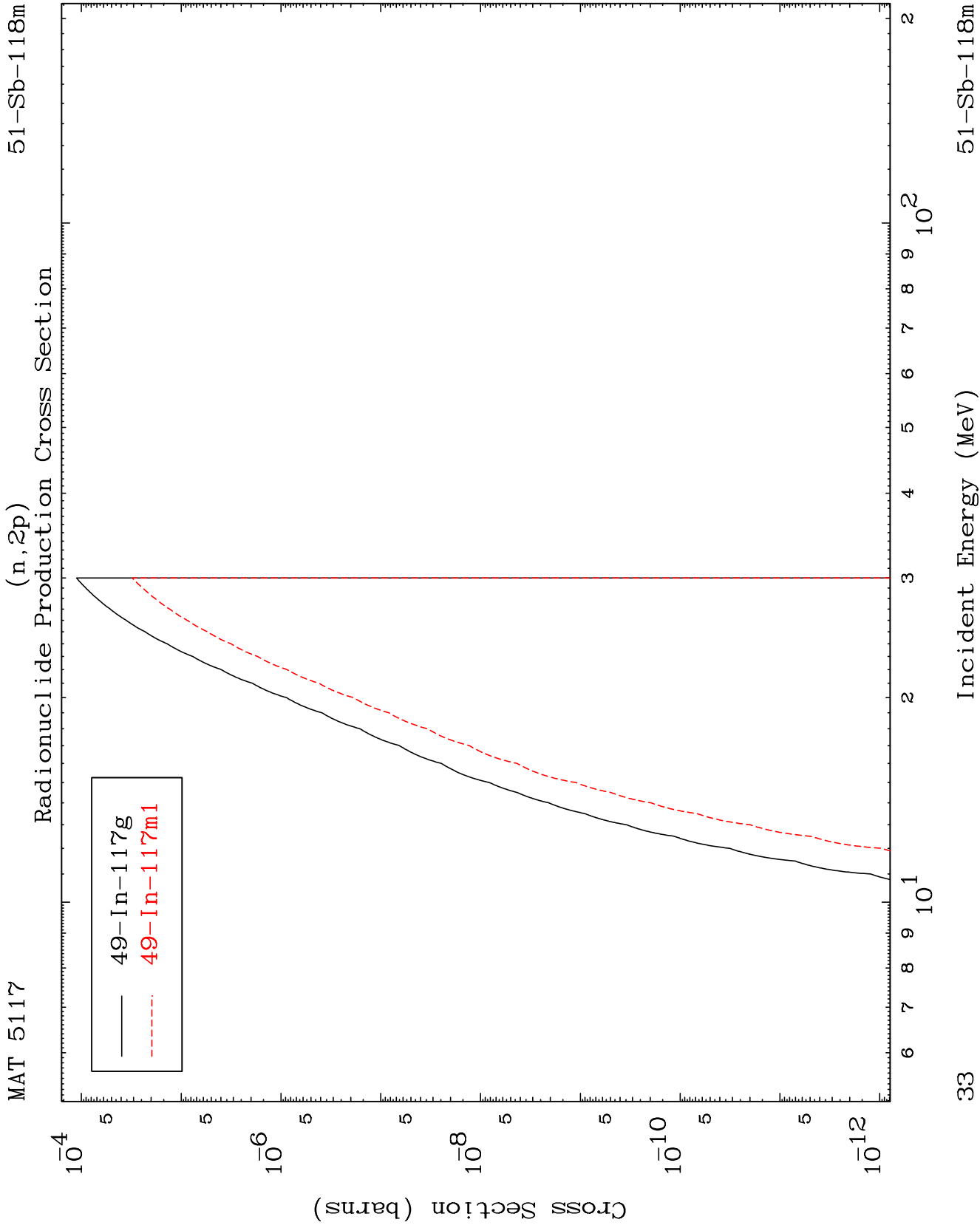
Incident Energy (MeV)

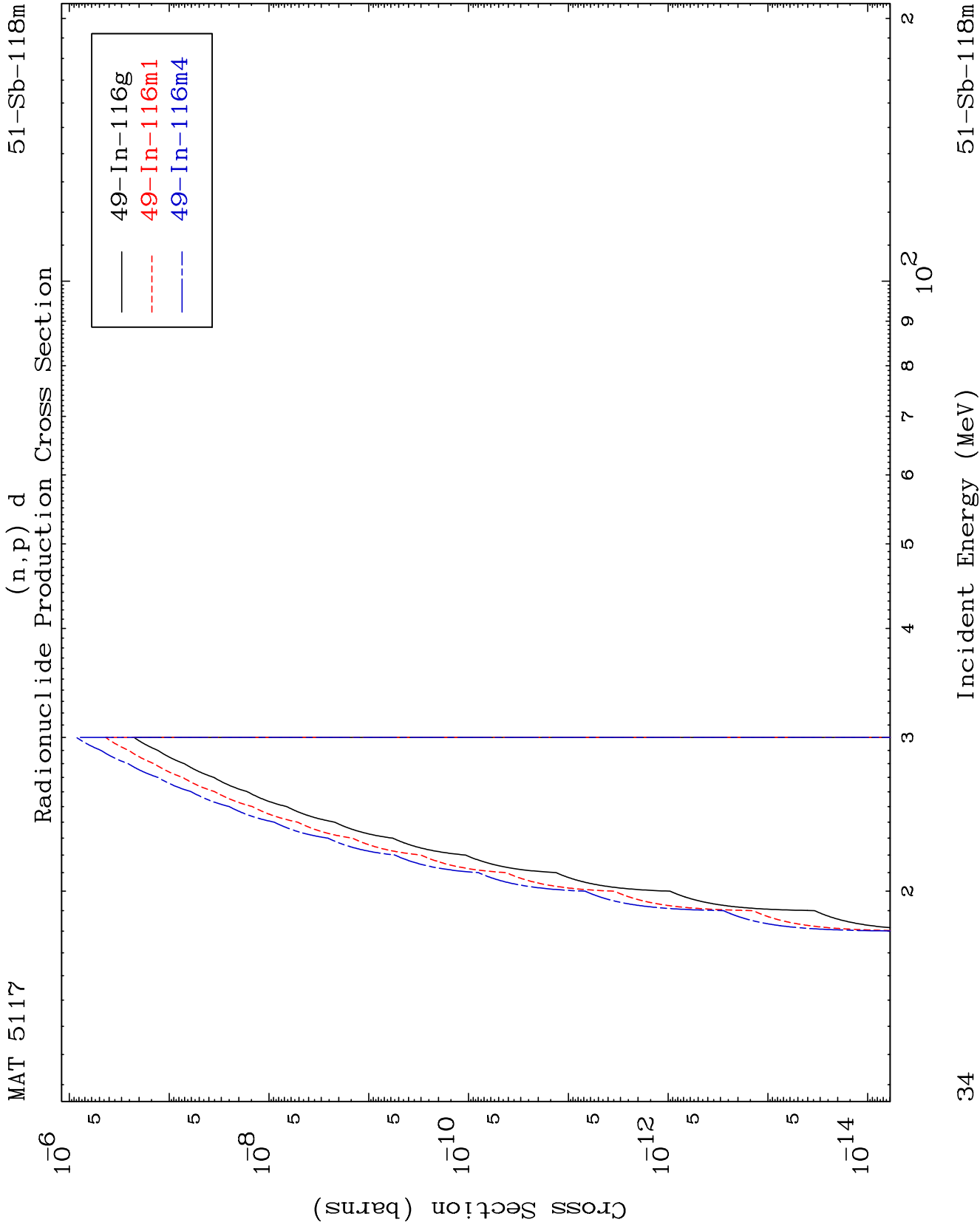
30

Radionuclide Production Cross Section (n, α)

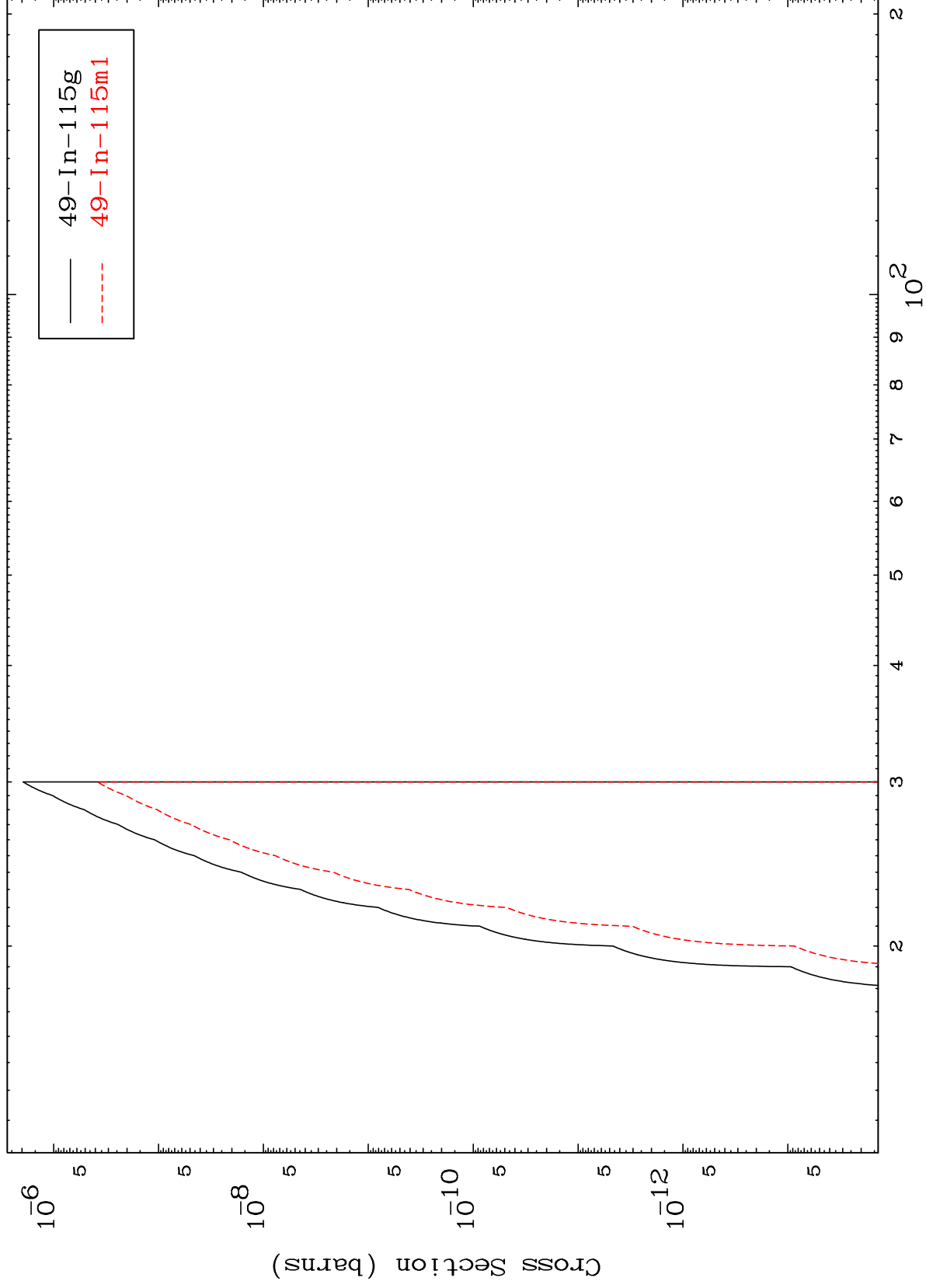








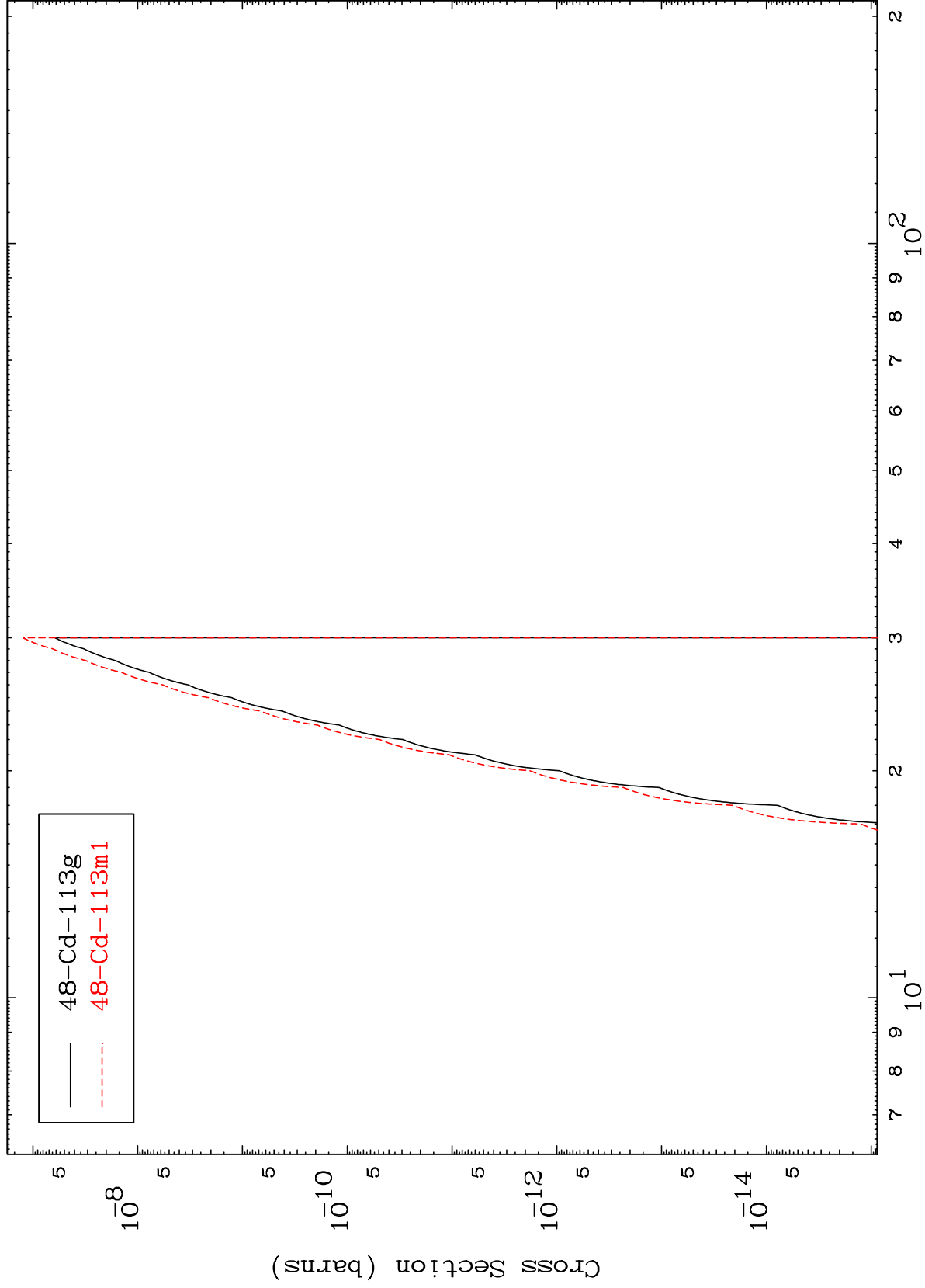
(n,p) t
Radionuclide Production Cross Section



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51-Sb-118m

(n,d) α
Radionuclide Production Cross Section



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Incident Energy (MeV)

51-Sb-118m