

Program EVALPLOT
(Version 2021-1)

by

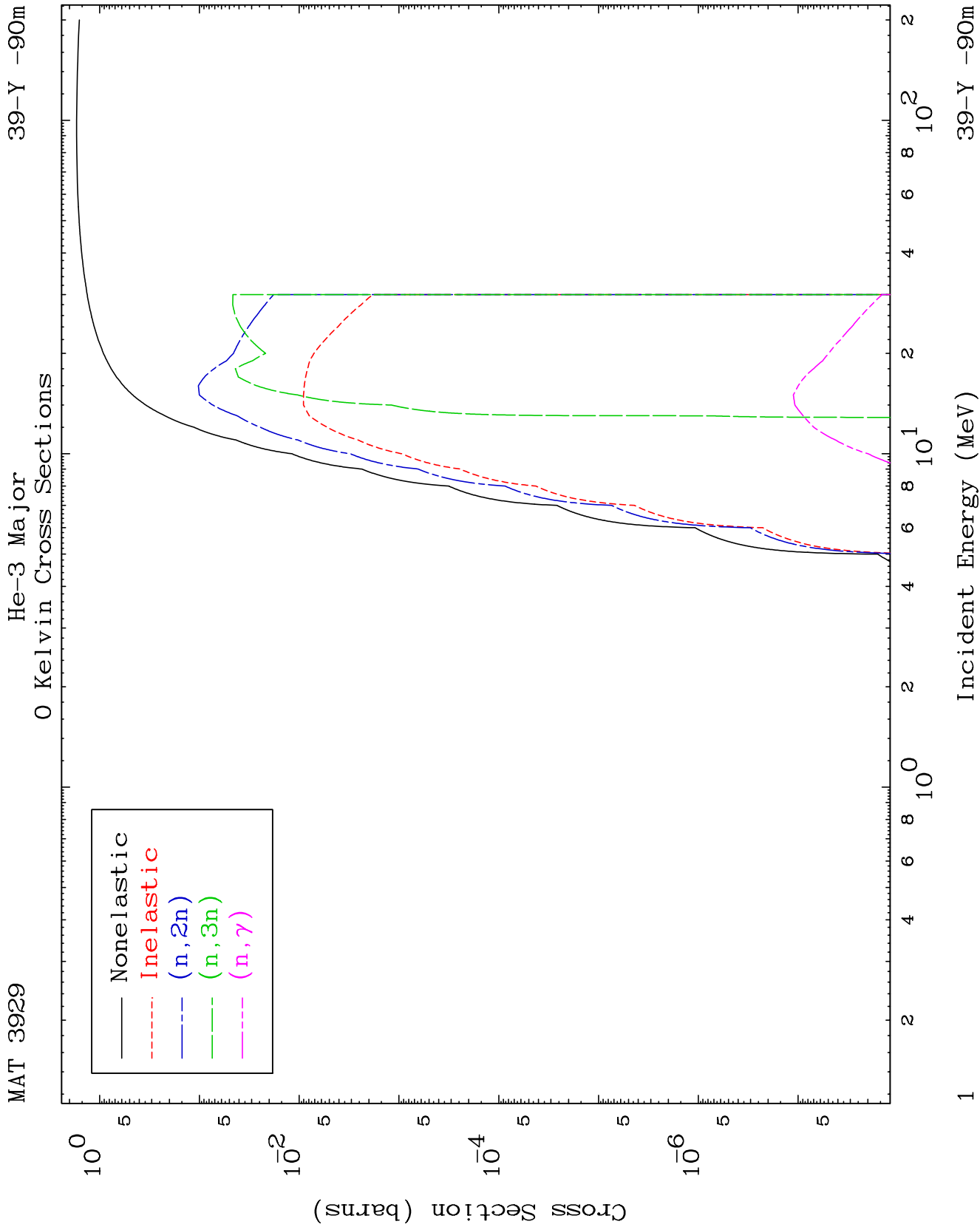
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail:redcullen1@comcast.net
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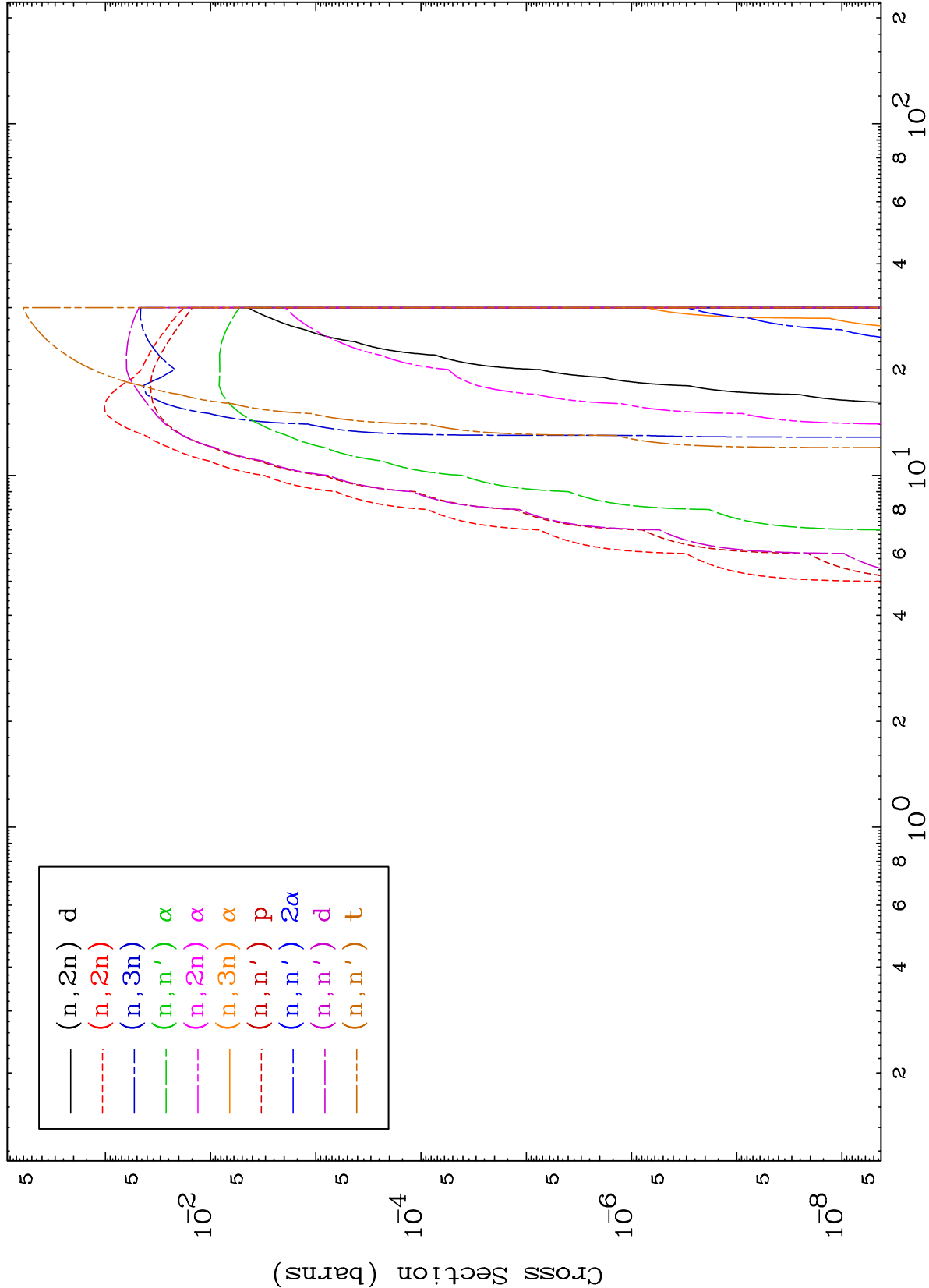
Press Mouse Button to Start

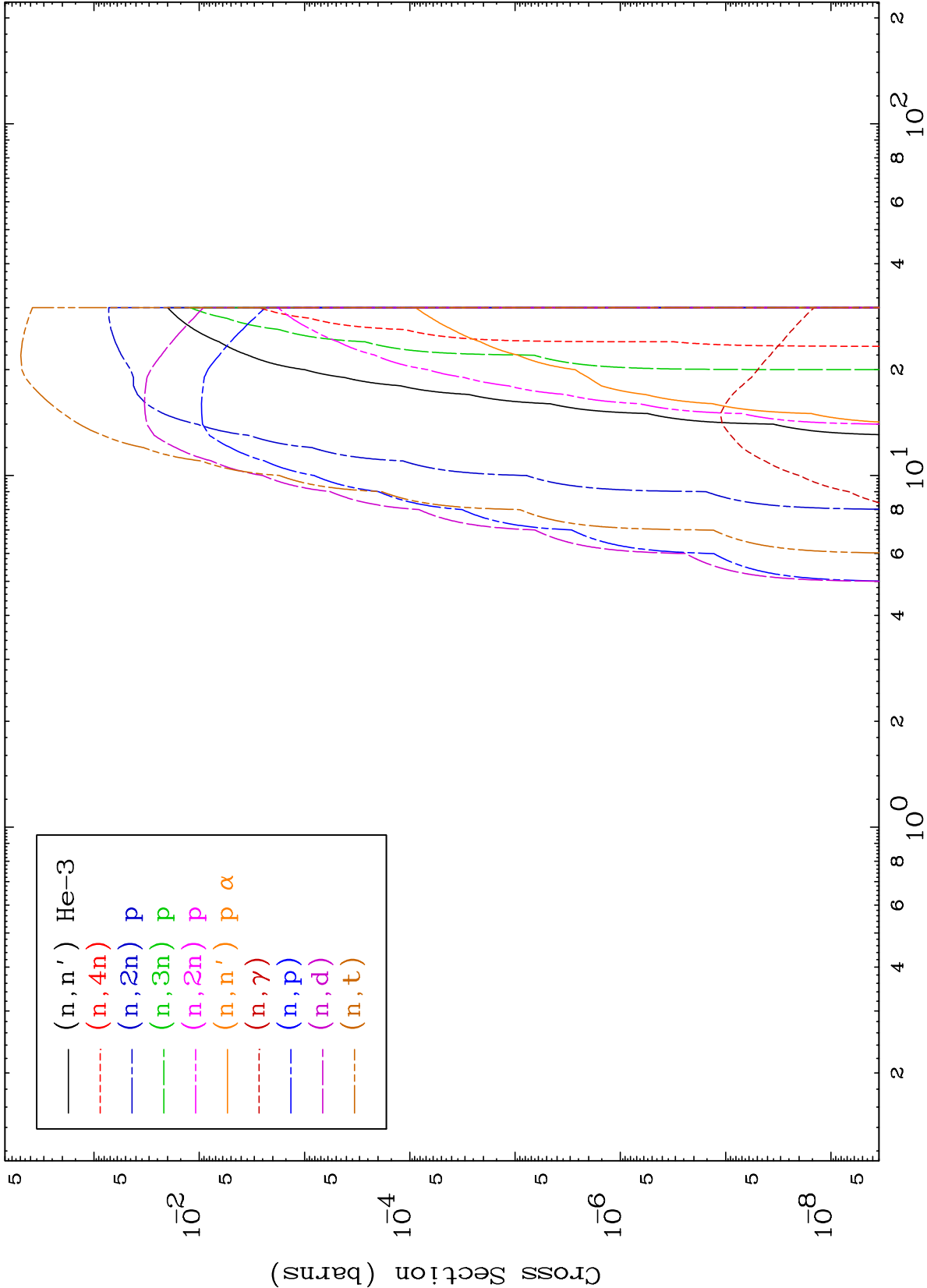


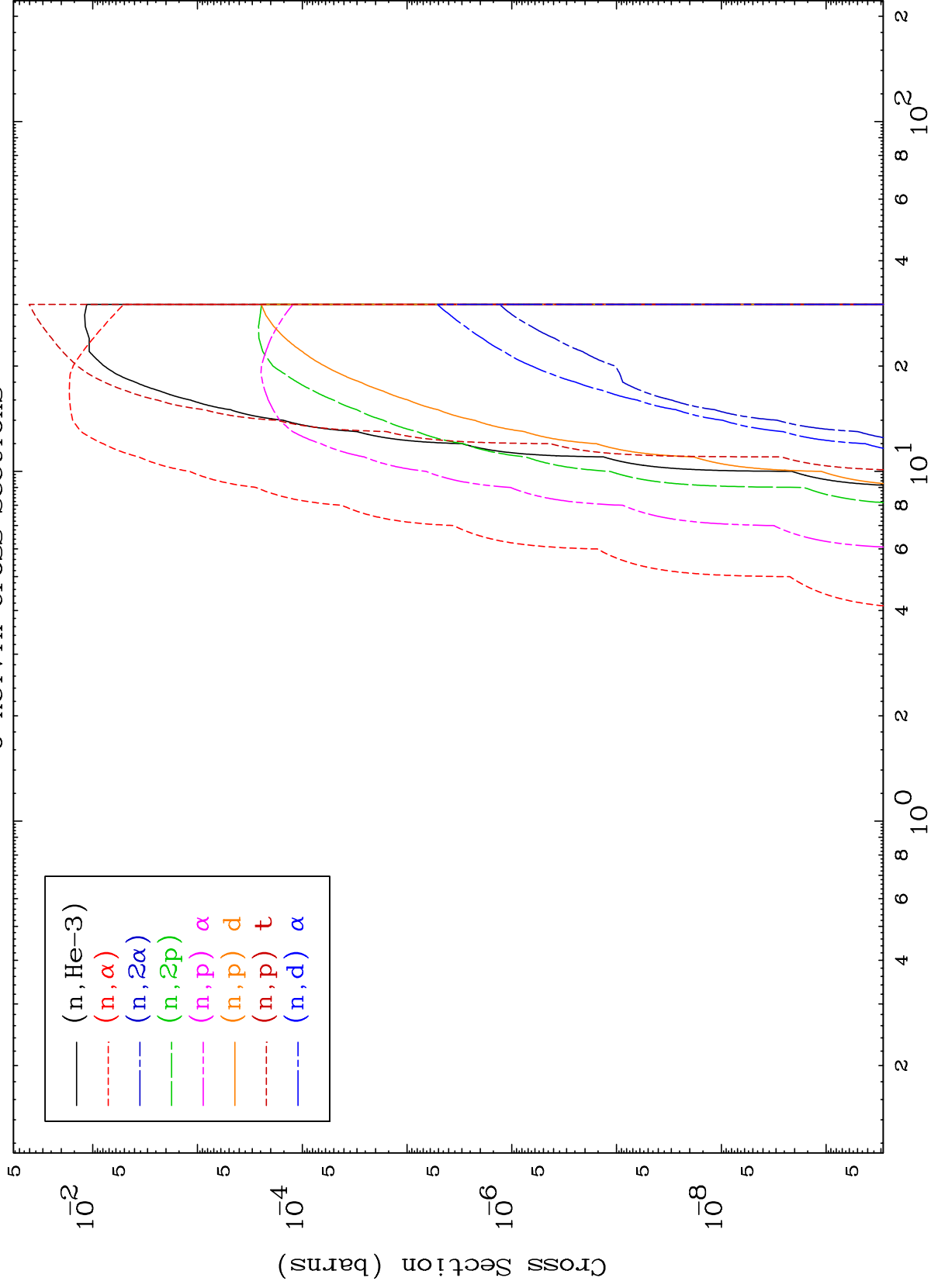
MAT 3929

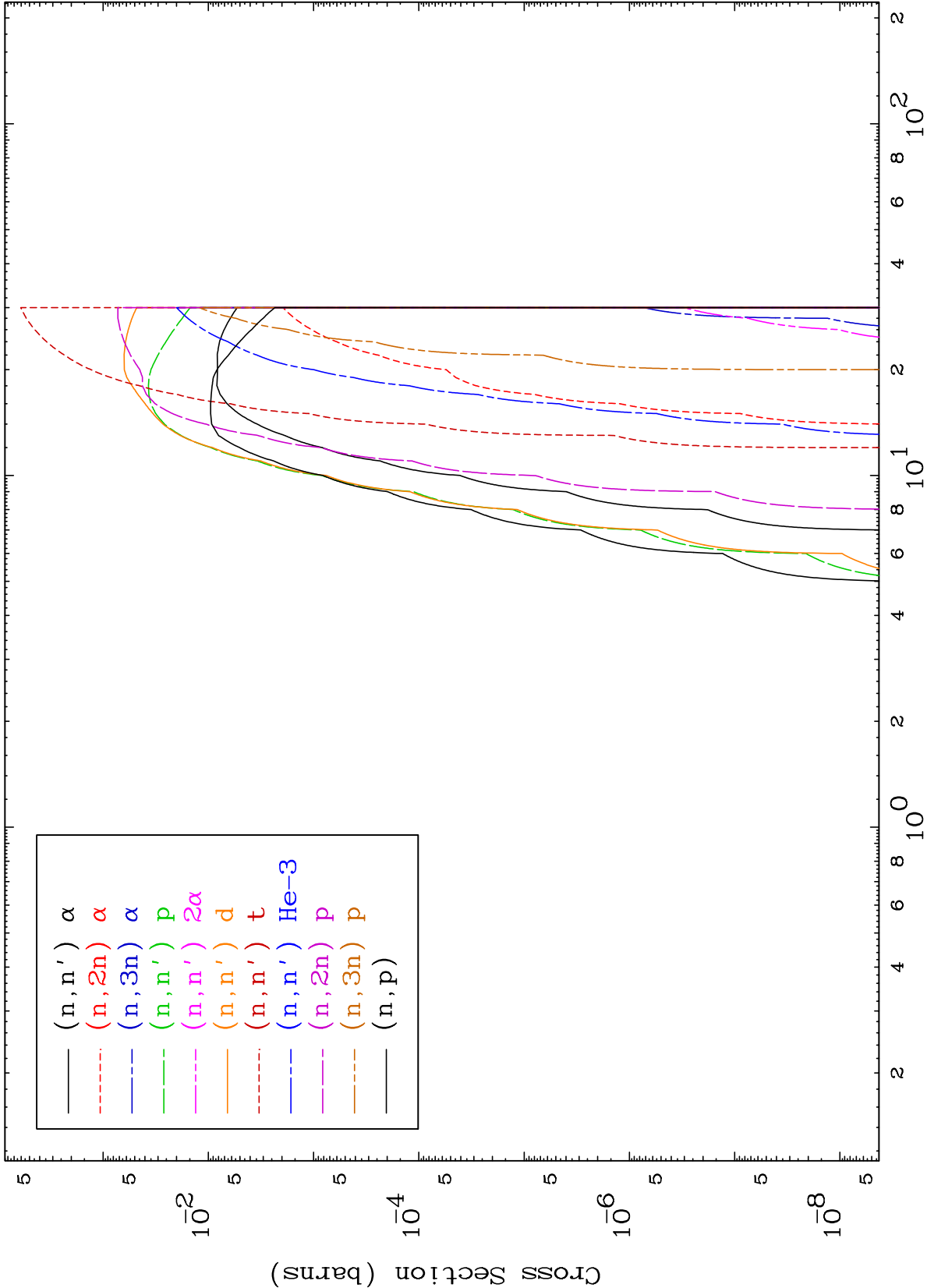
He-3 Neutron Absorption
0 Kelvin Cross Sections

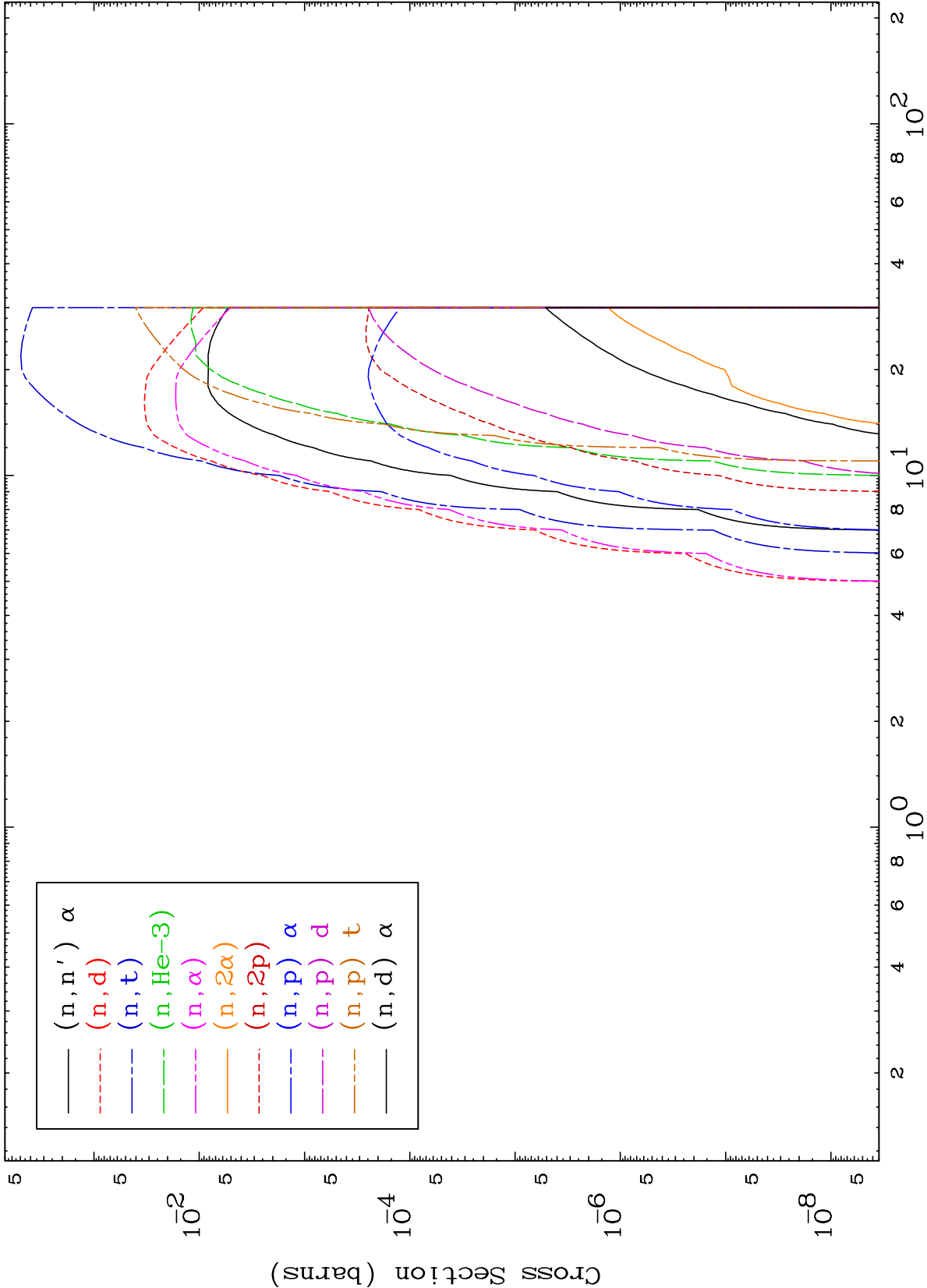
39-Y -90m

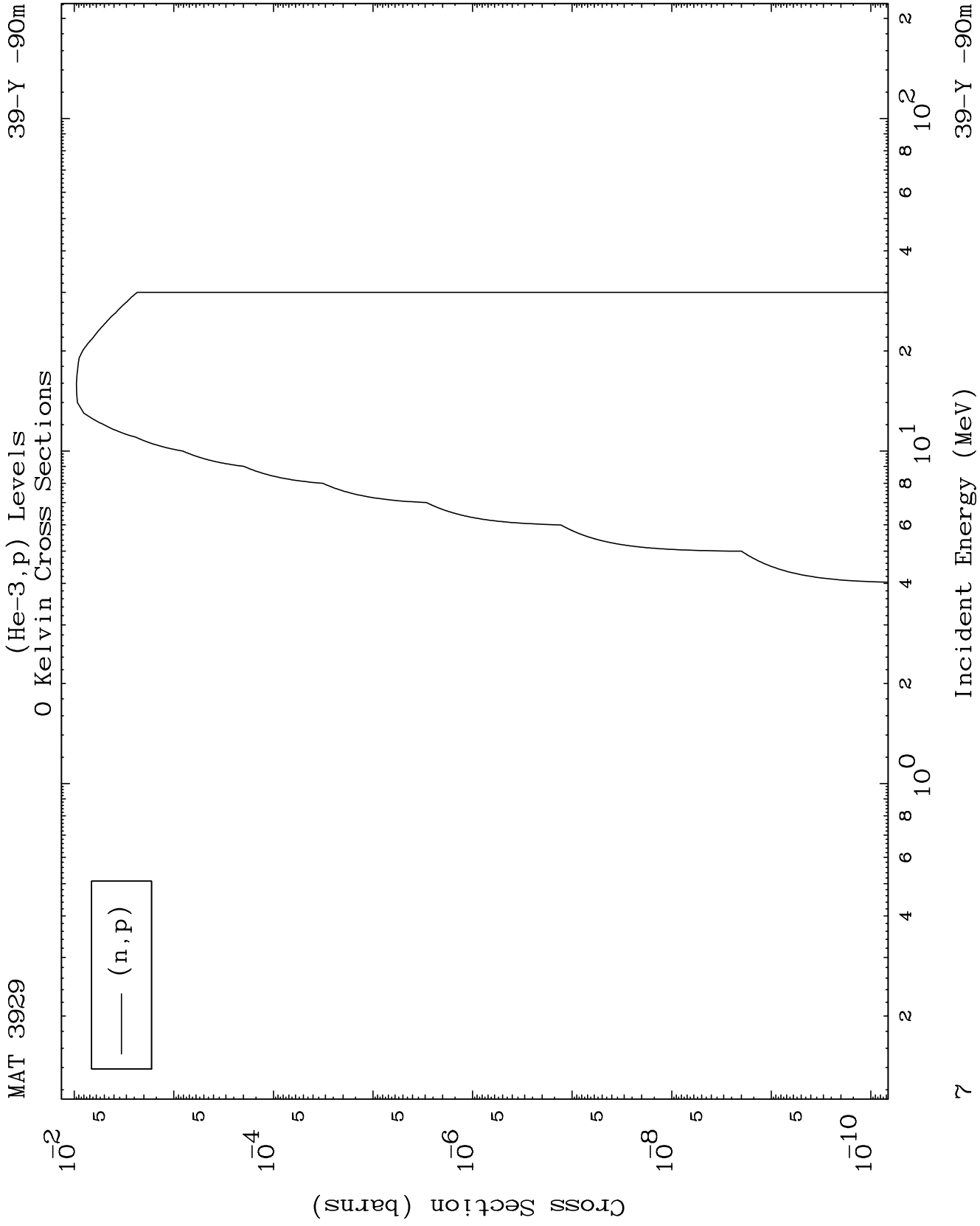








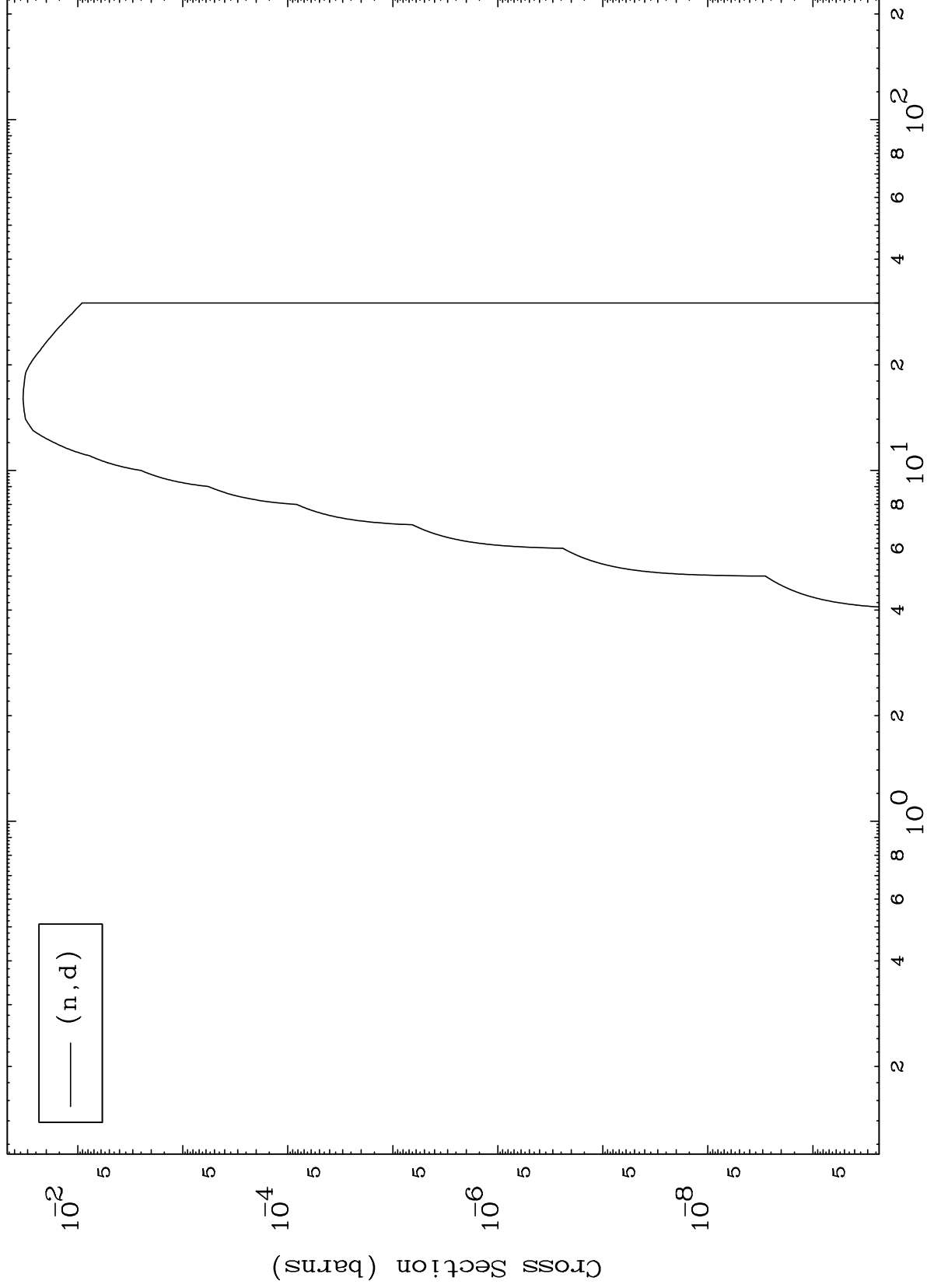




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39-Y -90m

(He-3,d) Levels
0 Kelvin Cross Sections



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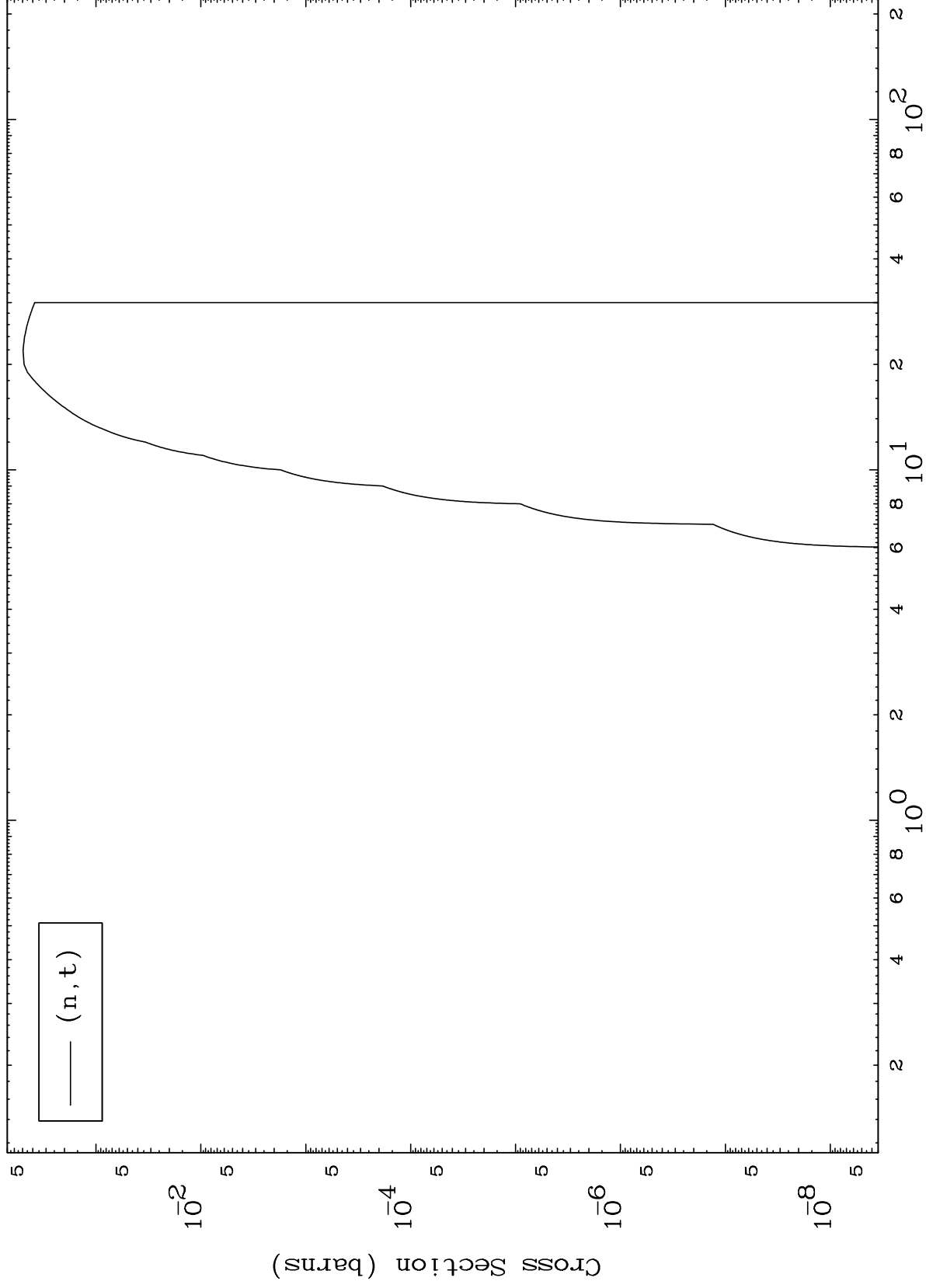
Incident Energy (MeV)

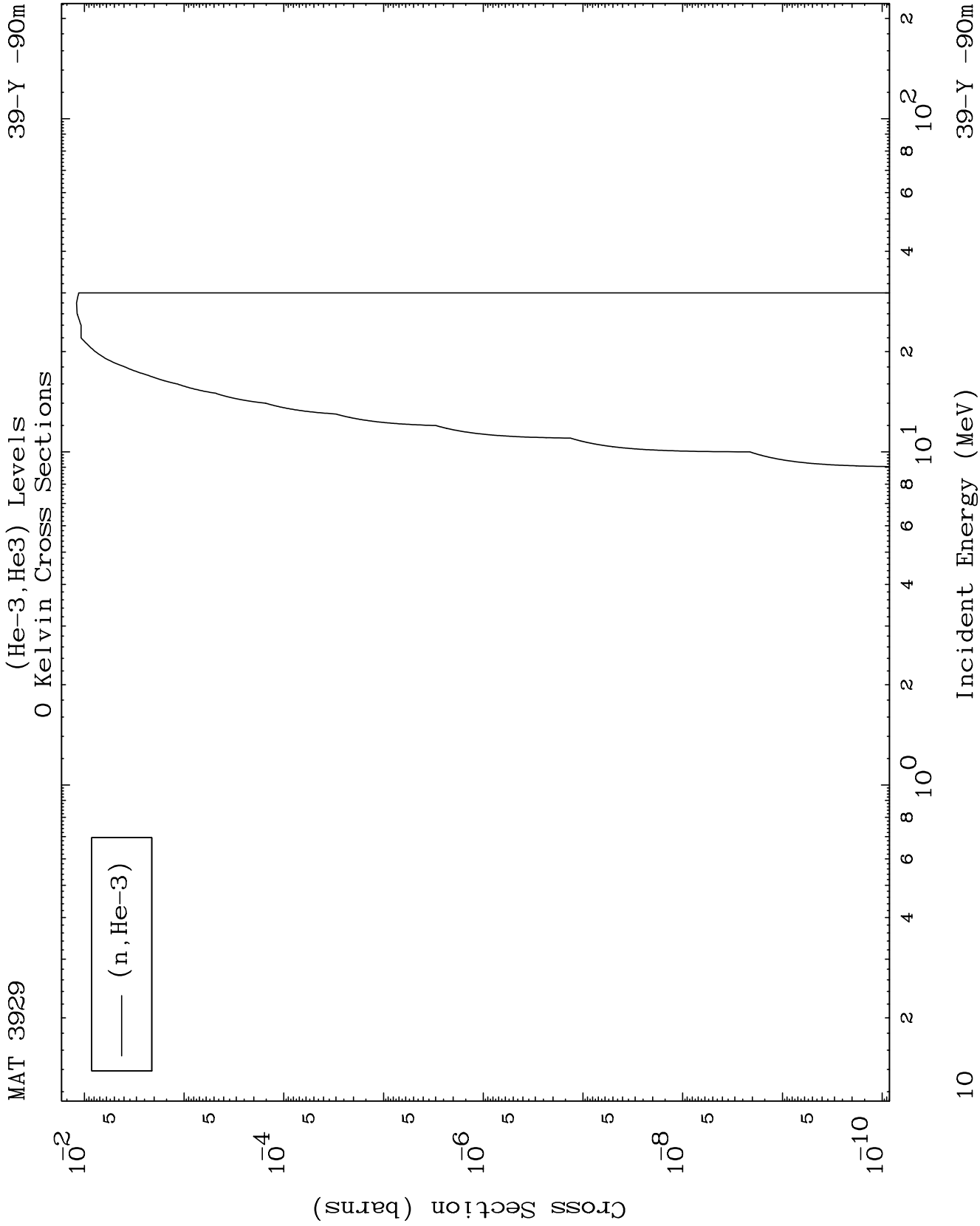
39-Y -90m

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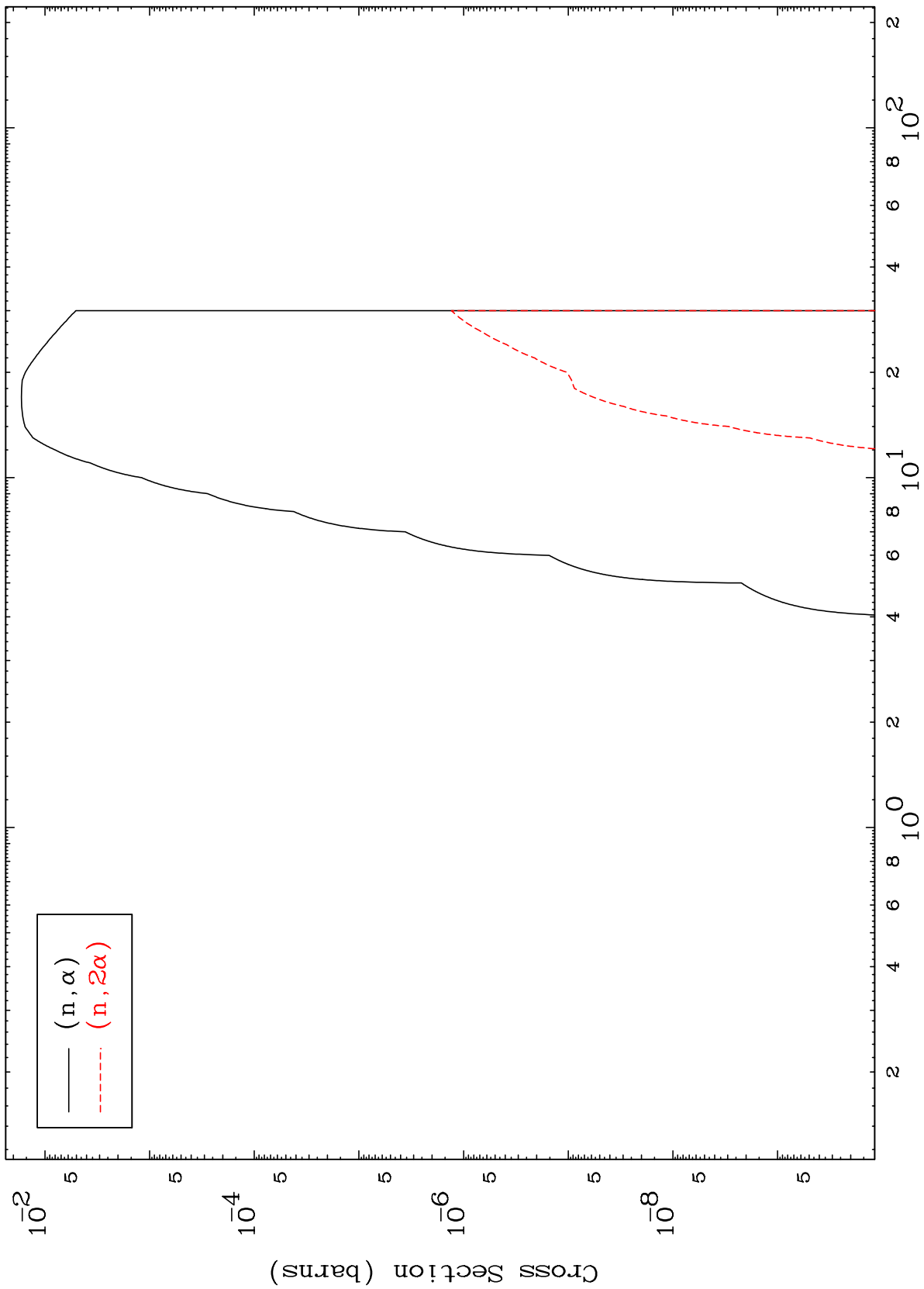
39-Y -90m

(He-3,t) Levels
0 Kelvin Cross Sections





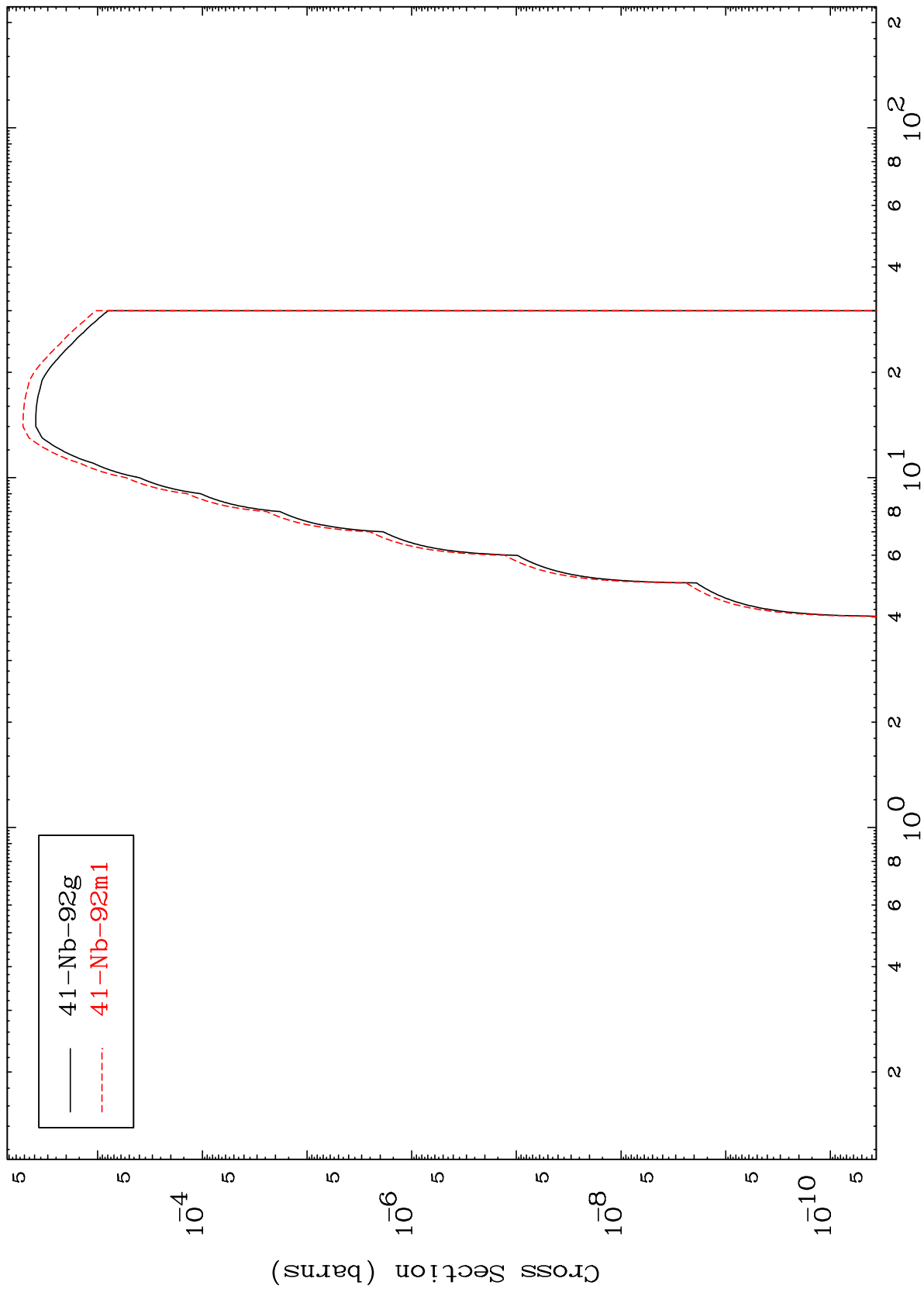
(He-3, α) Levels
0 Kelvin Cross Sections



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39-Y -90m

Inelastic
Radionuclide Production Cross Section



39-Y -90m

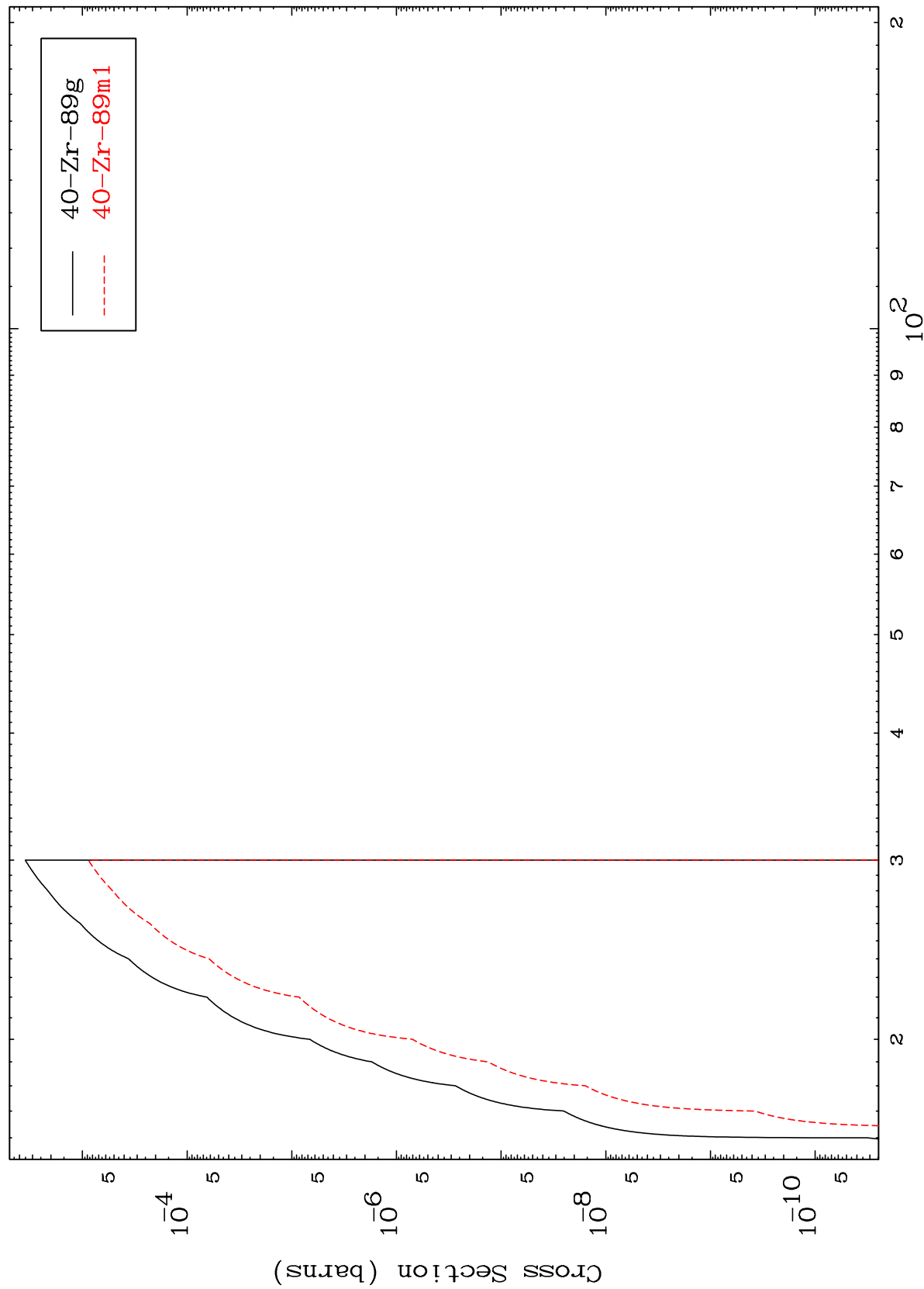
Incident Energy (MeV)

12

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39-Y -90m

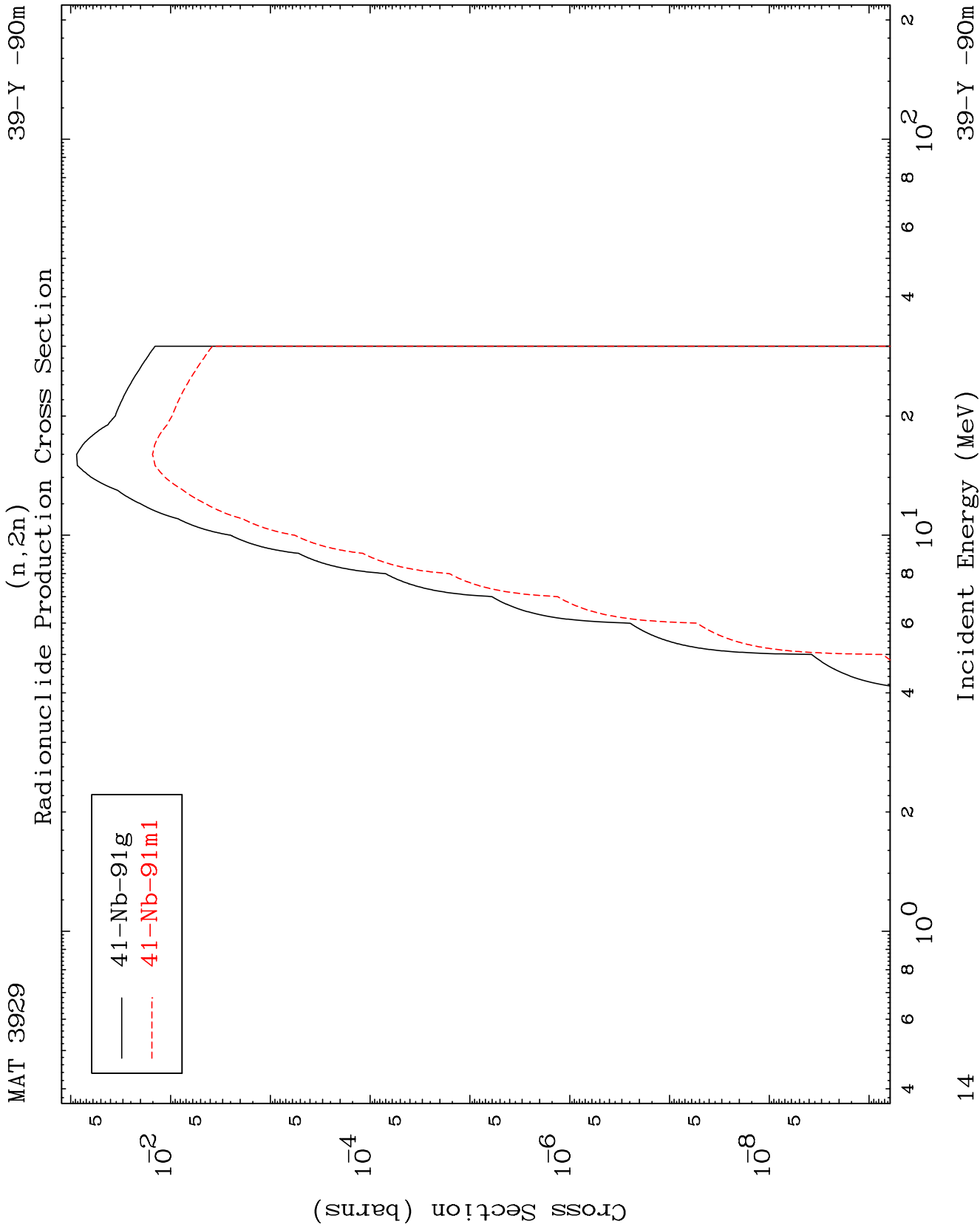
(n,2n) d
Radionuclide Production Cross Section



39-Y -90m

Incident Energy (MeV)

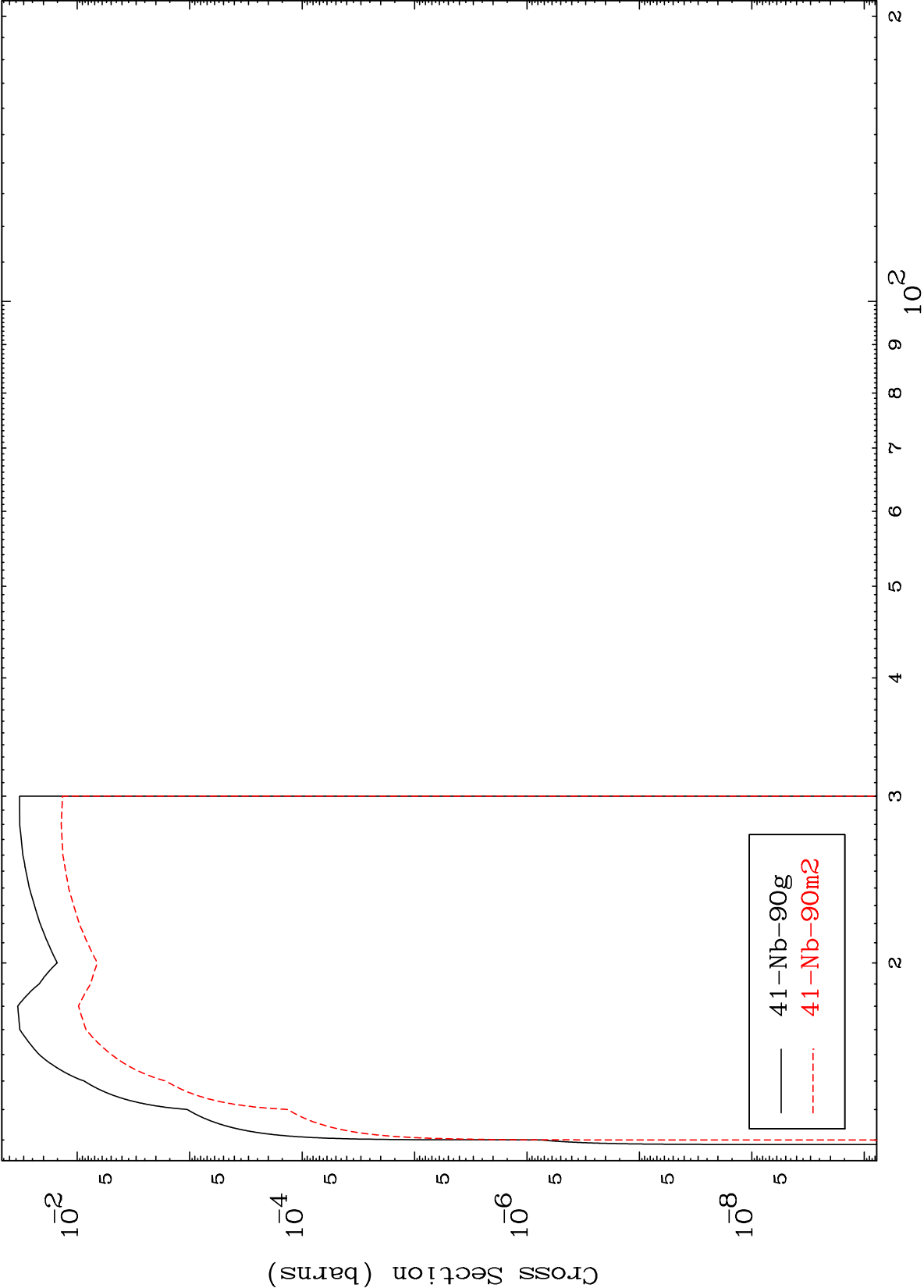
13



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39-Y -90m

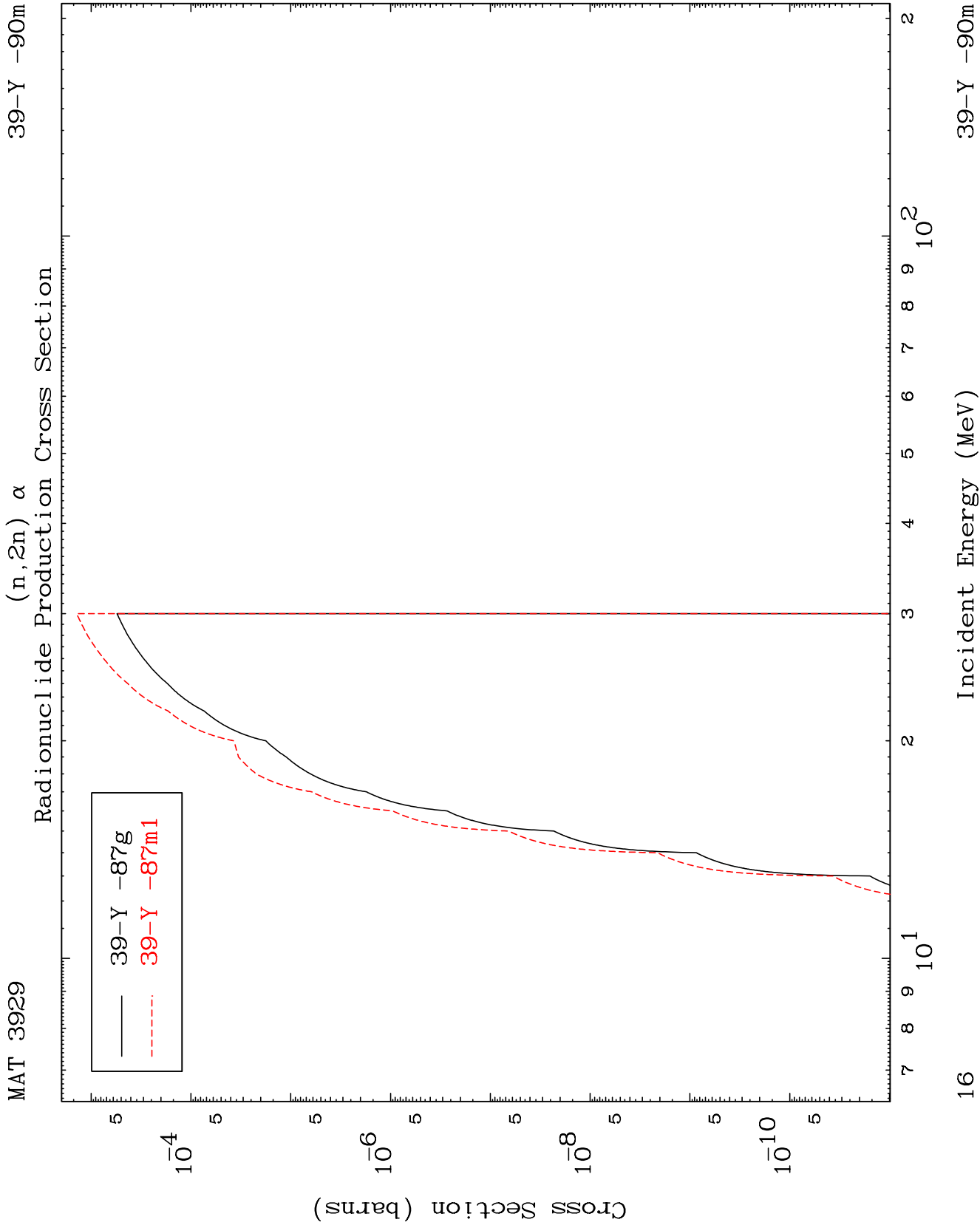
(n,3n)
Radionuclide Production Cross Section

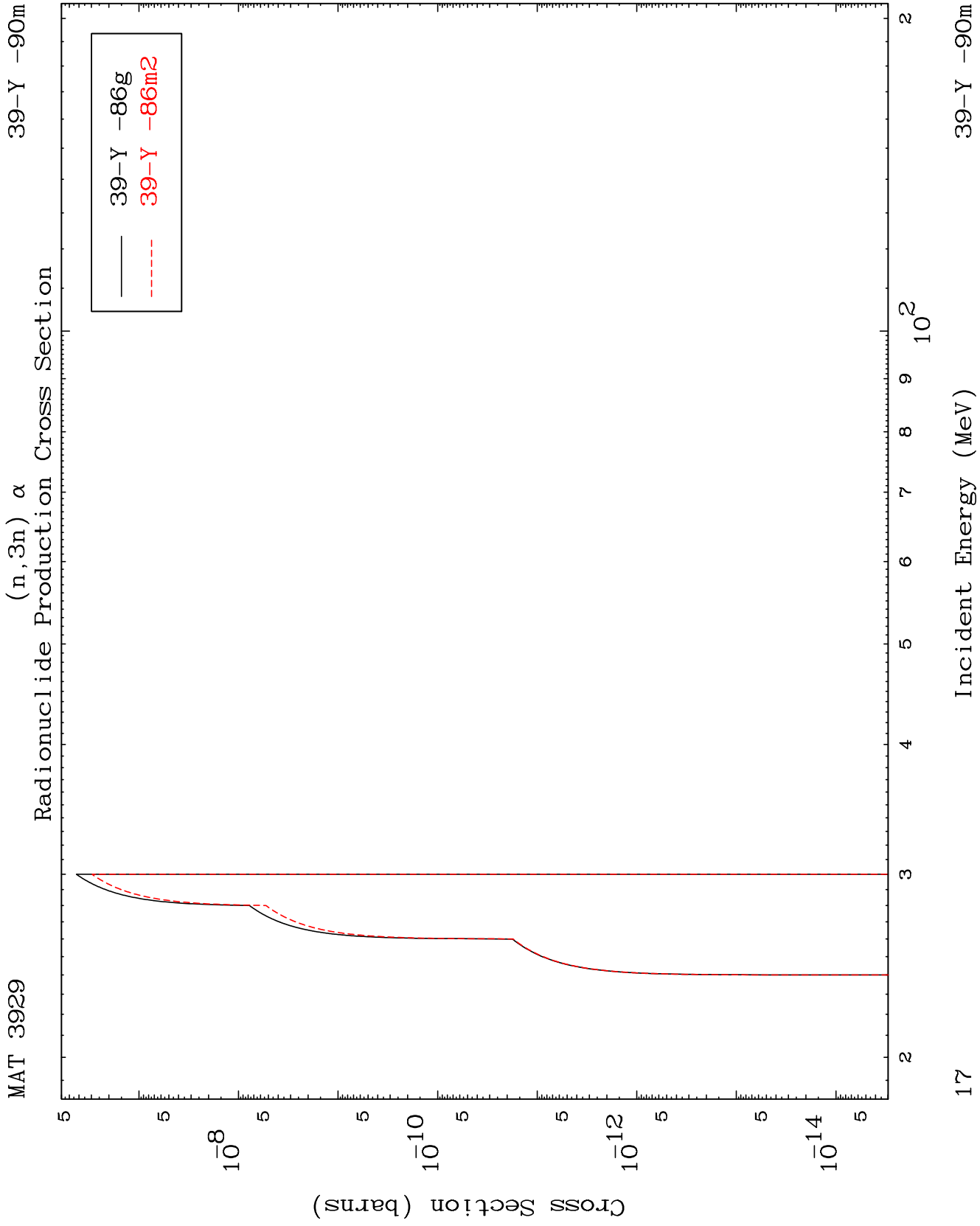


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Incident Energy (MeV)

39-Y -90m

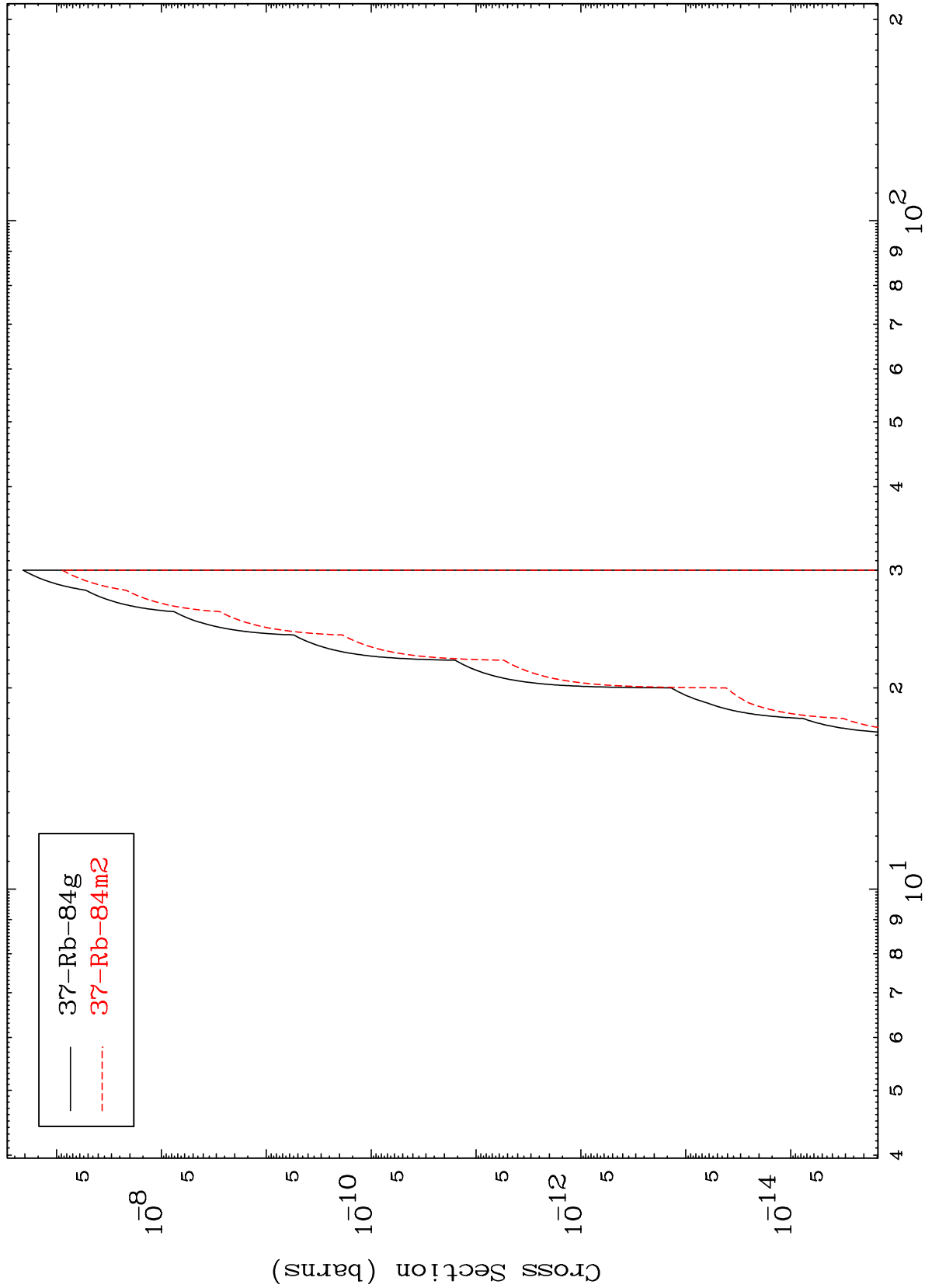




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39-Y -90m

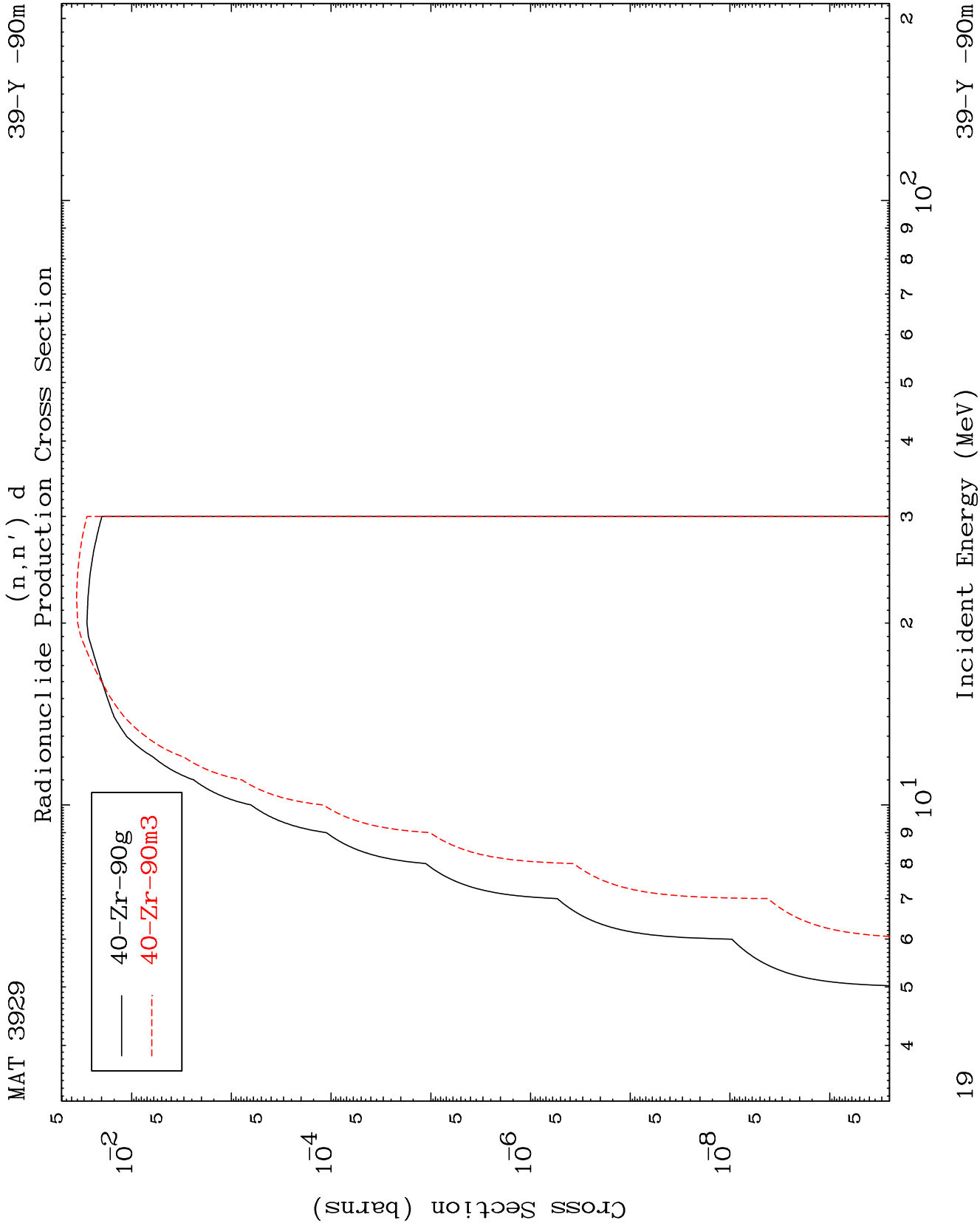
(n,n') 2 α
Radionuclide Production Cross Section

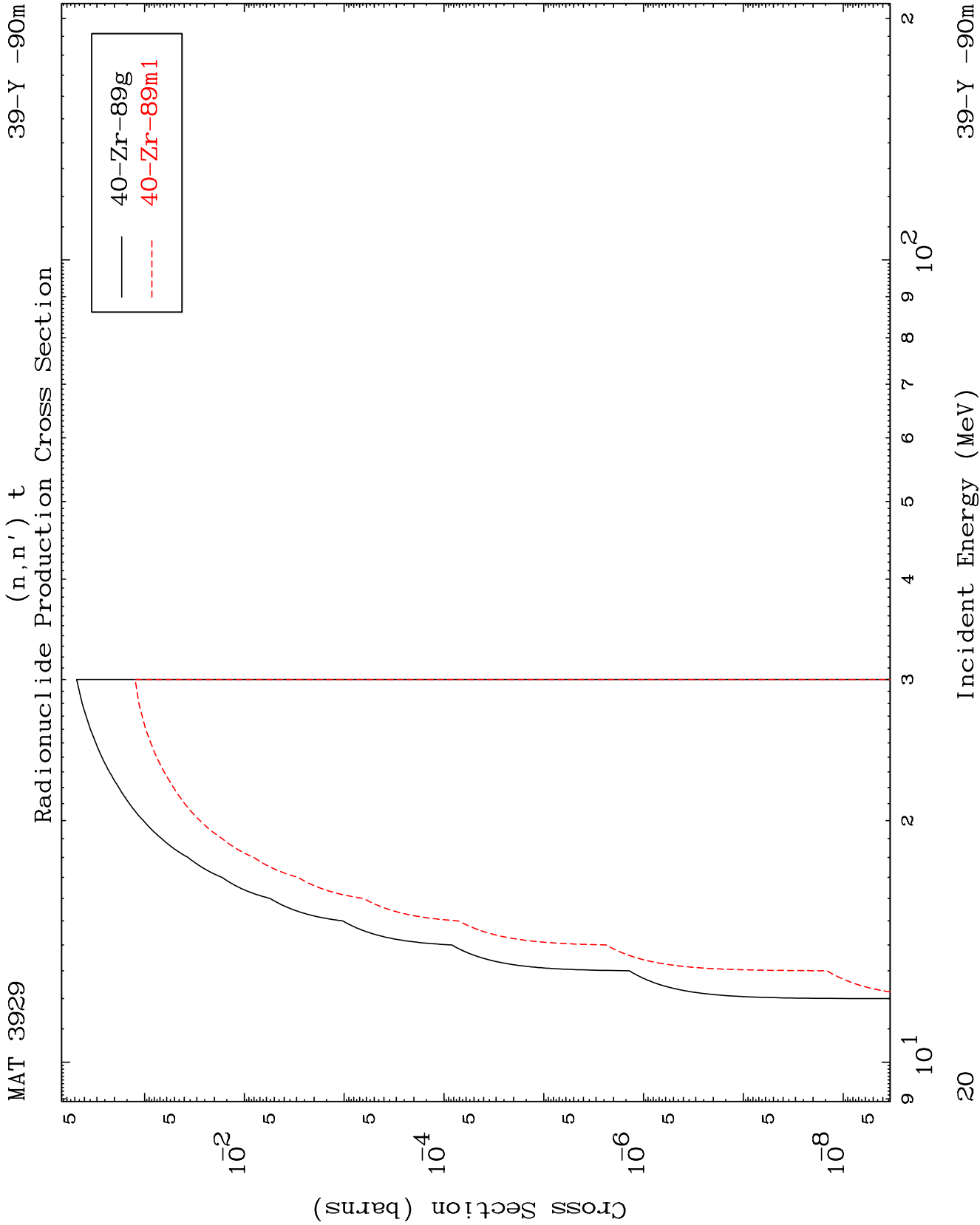


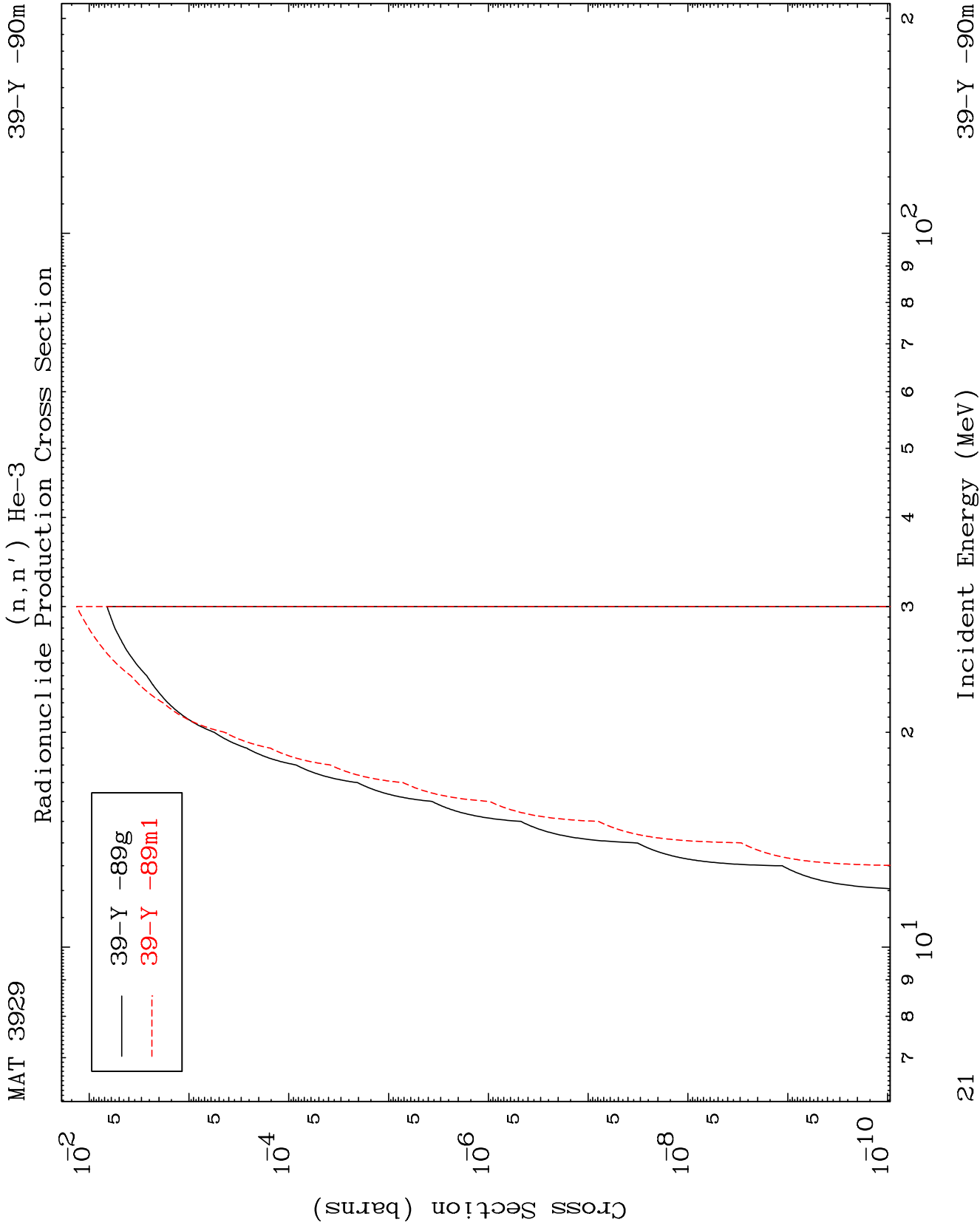
39-Y -90m

Incident Energy (MeV)

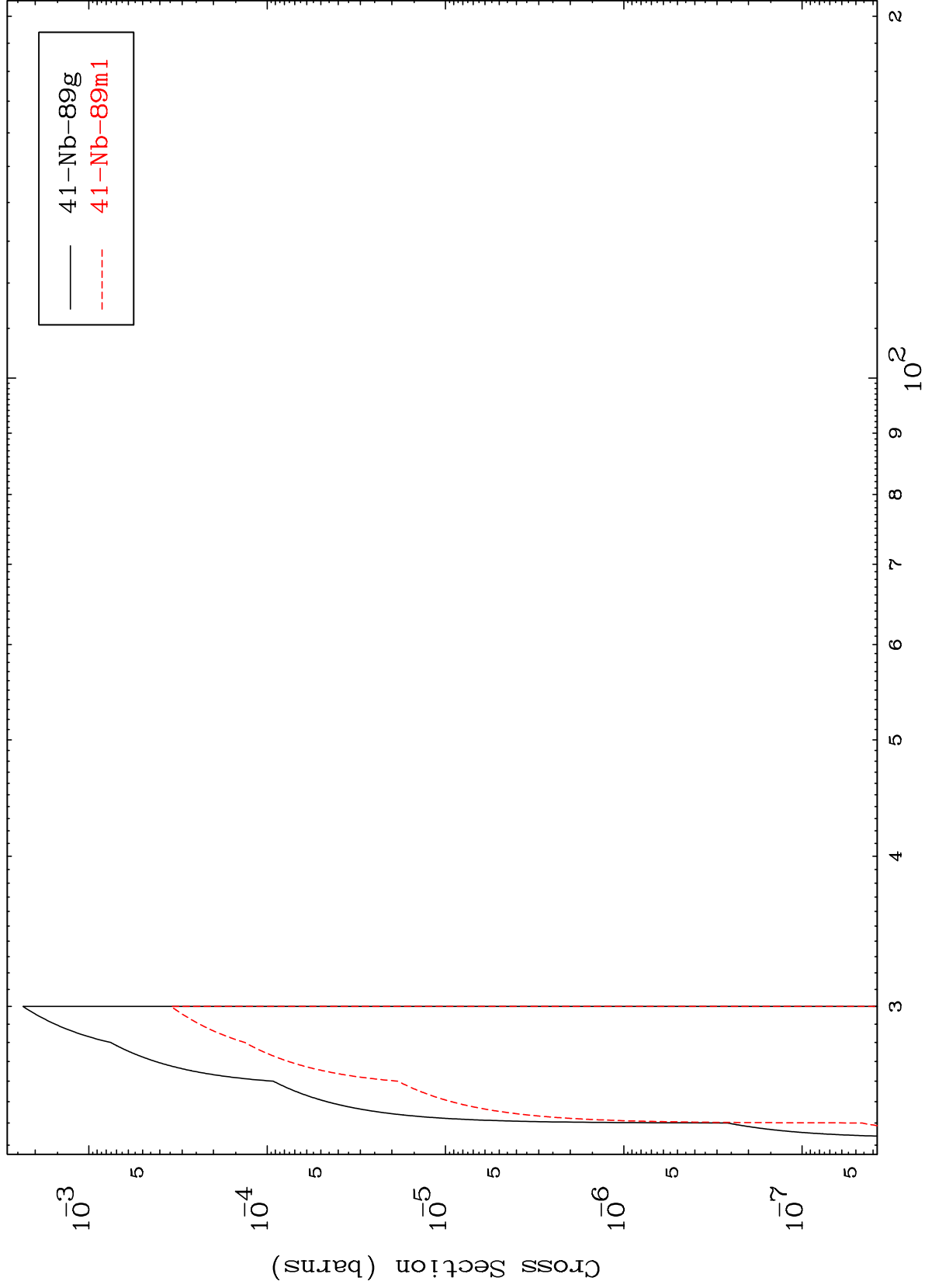
18

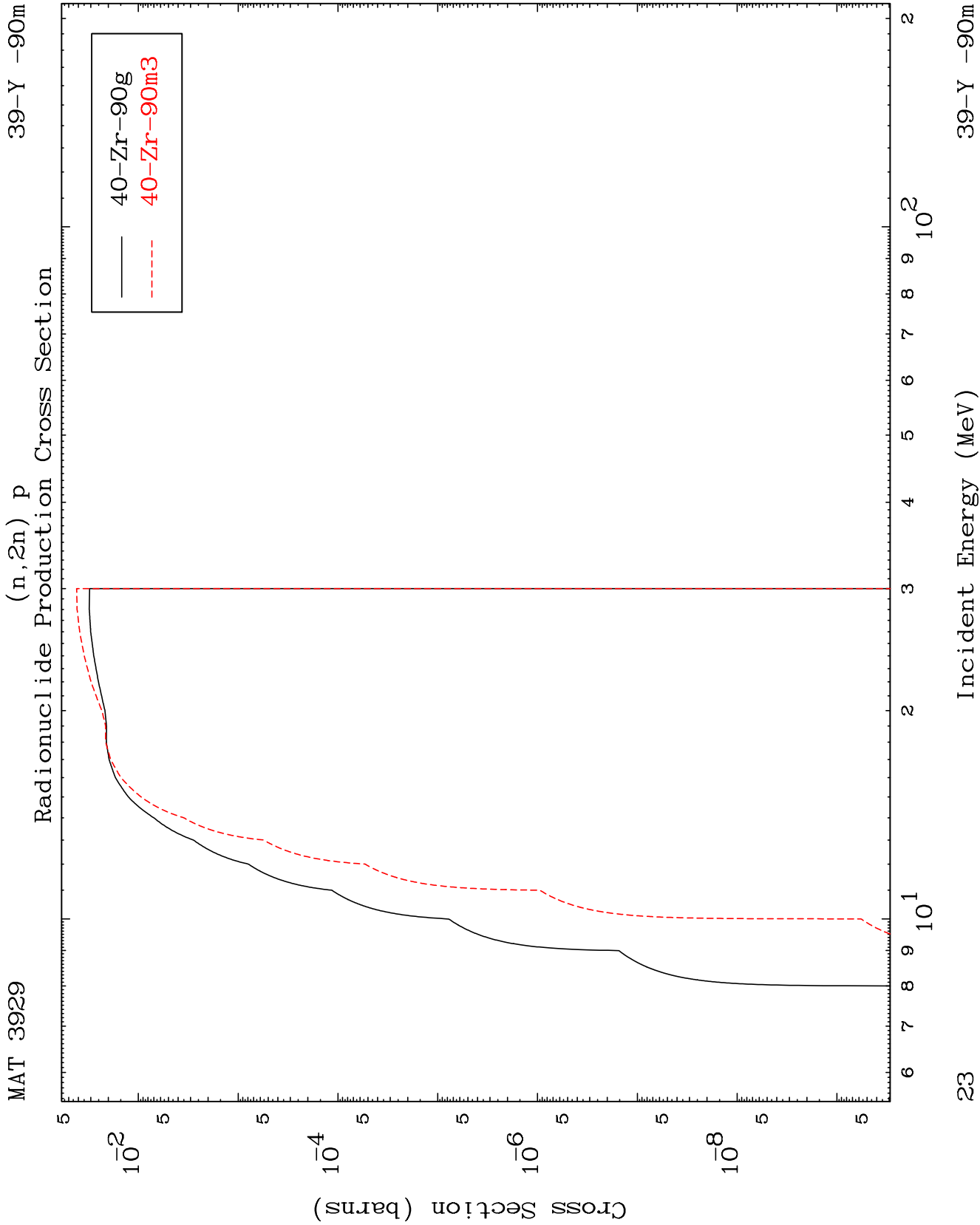


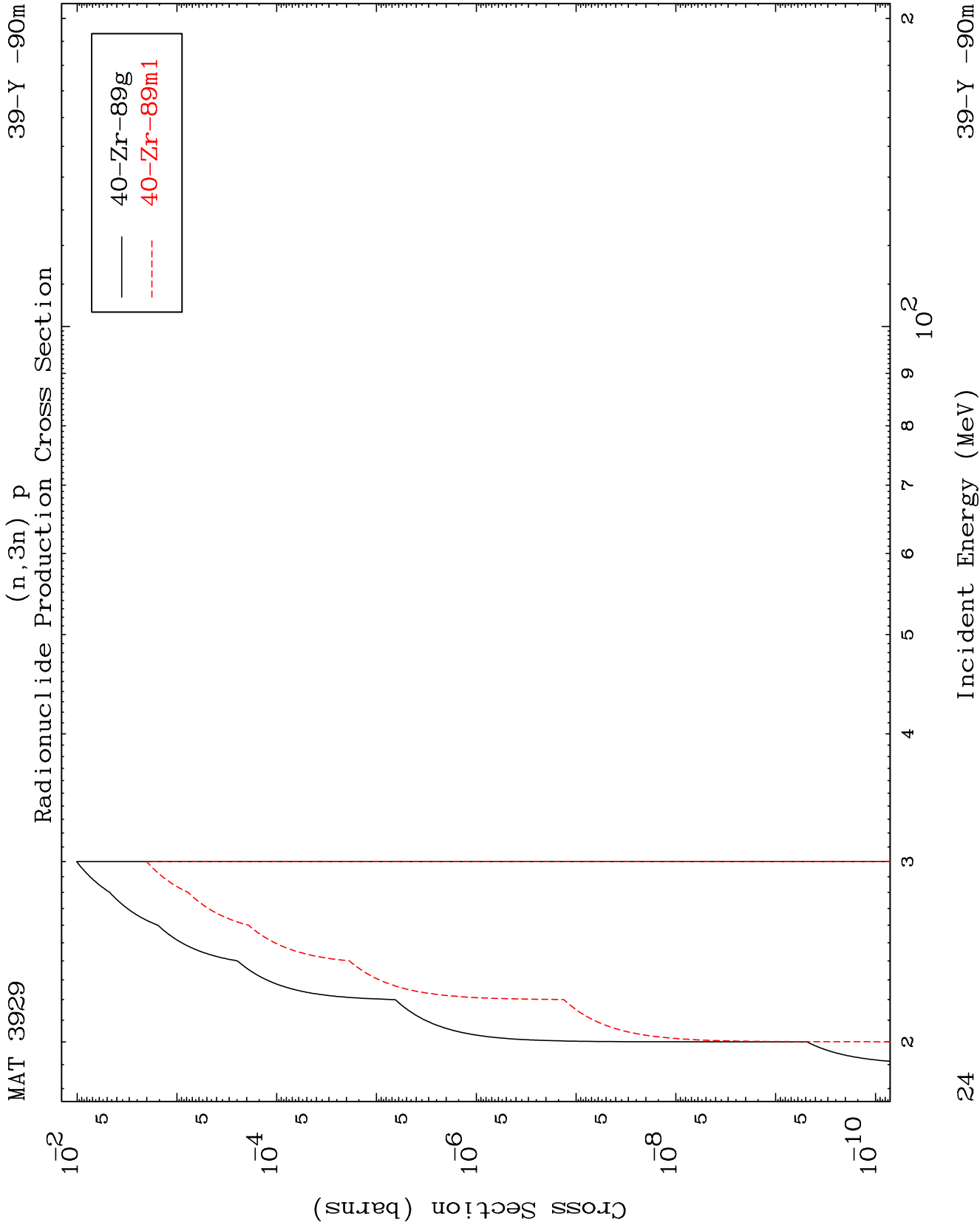




Radionuclide Production Cross Section
(n,4n)



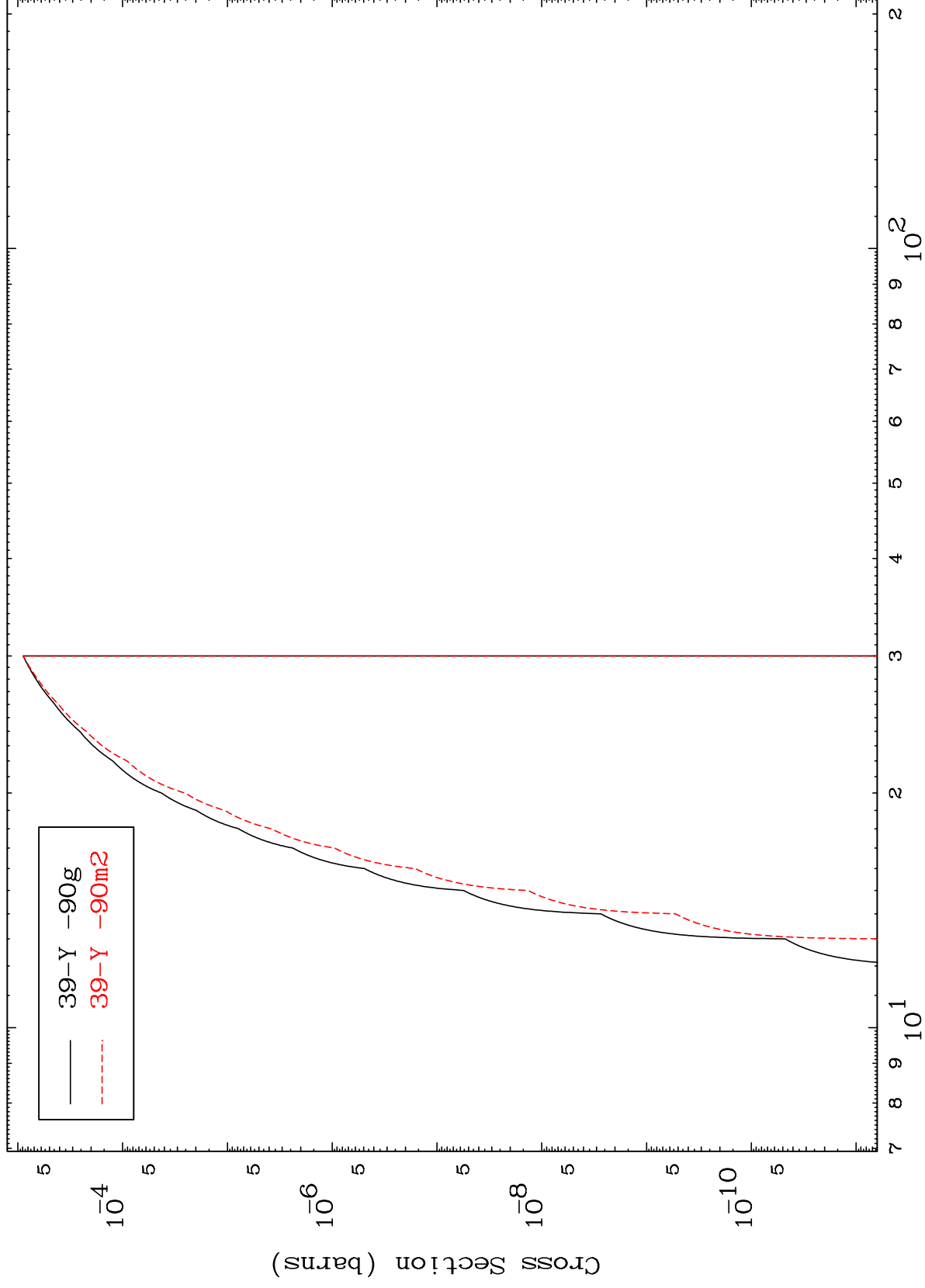




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39-Y -90m

Radionuclide Production Cross Section



39-Y -90m

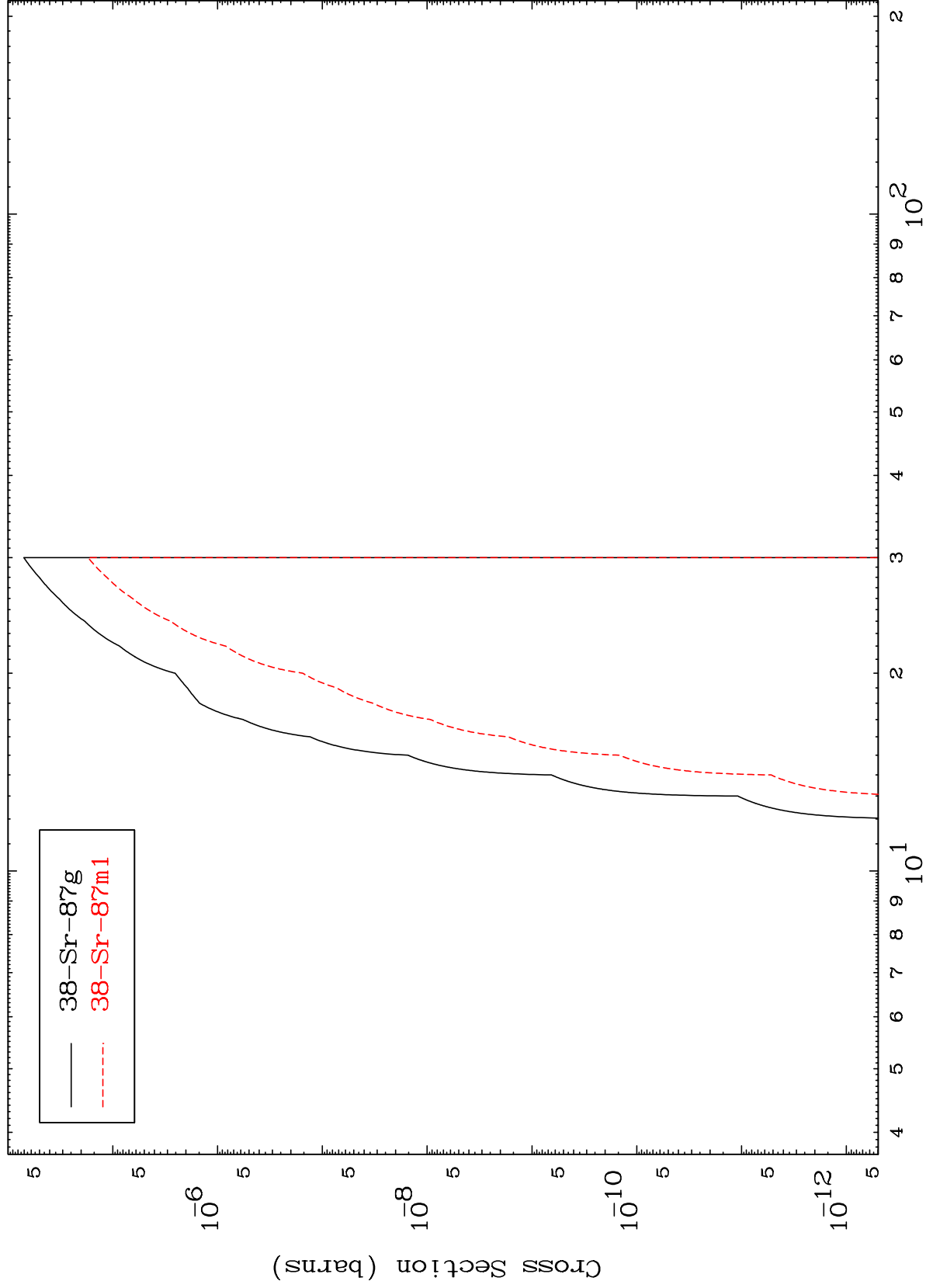
Incident Energy (MeV)

25

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39-Y -90m

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



26

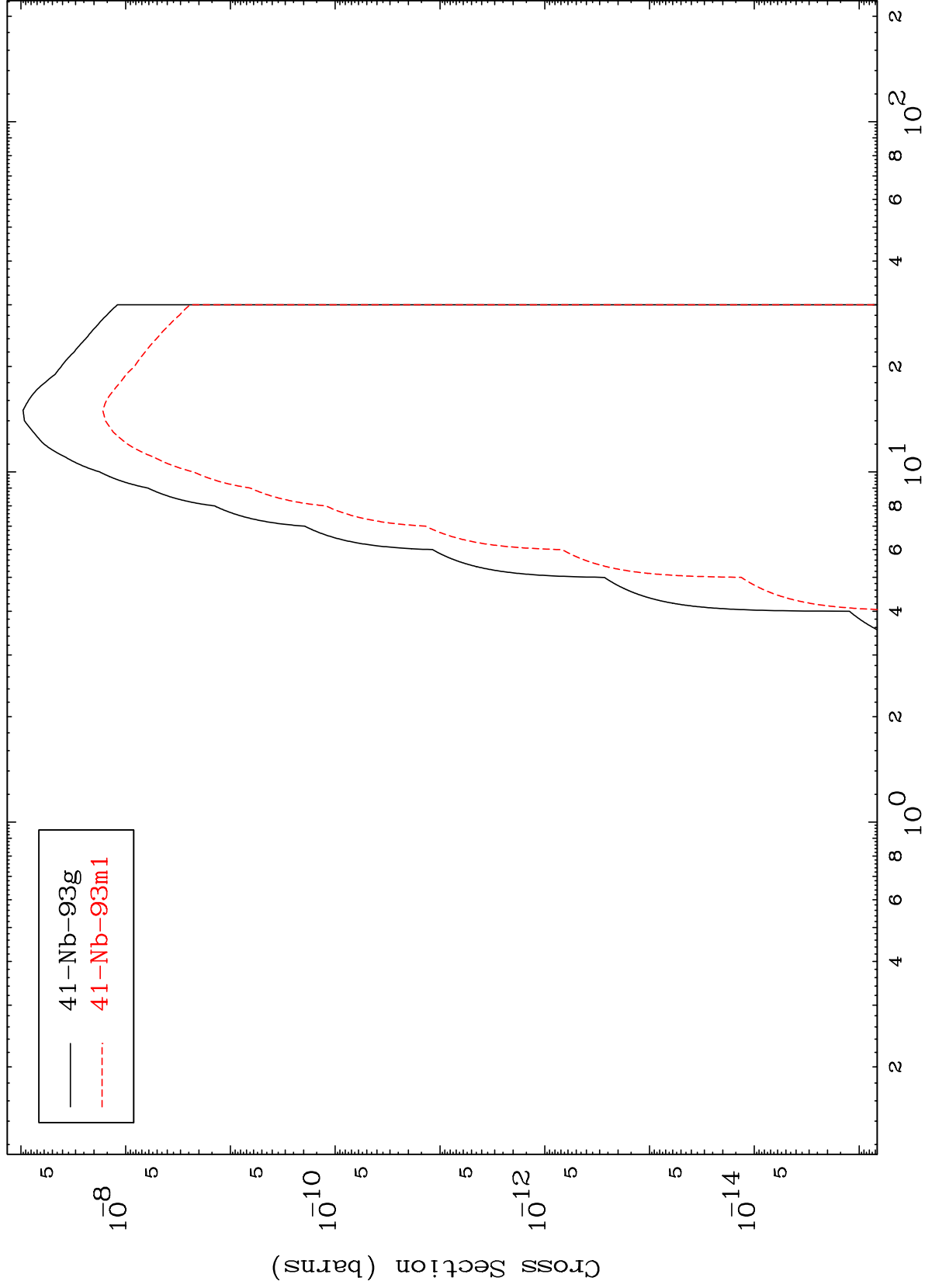
Incident Energy (MeV)

39-Y -90m

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39-Y -90m

Radionuclide Production Cross Section



27

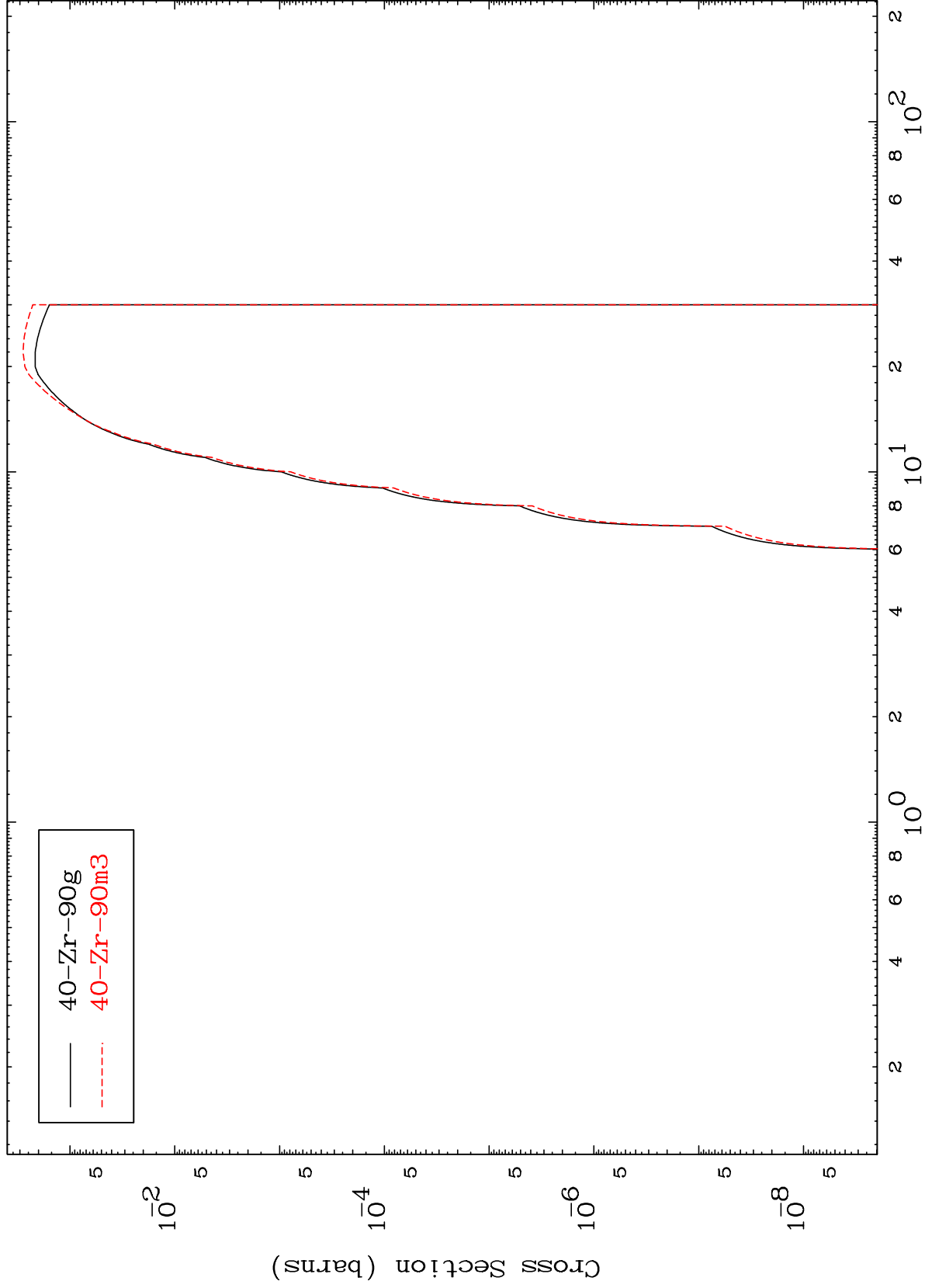
Incident Energy (MeV)

39-Y -90m

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39-Y -90m

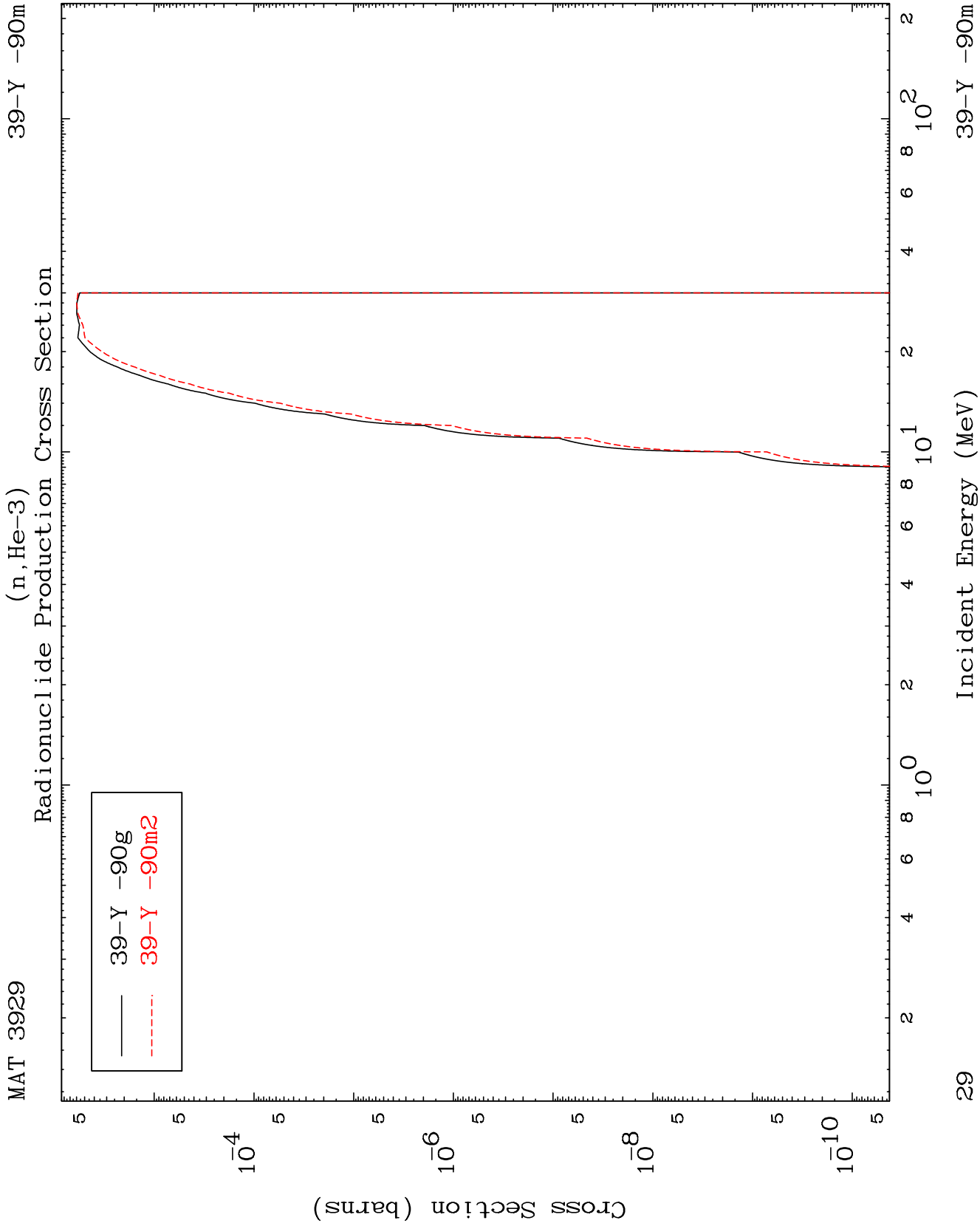
Radionuclide Production Cross Section
(n,t)

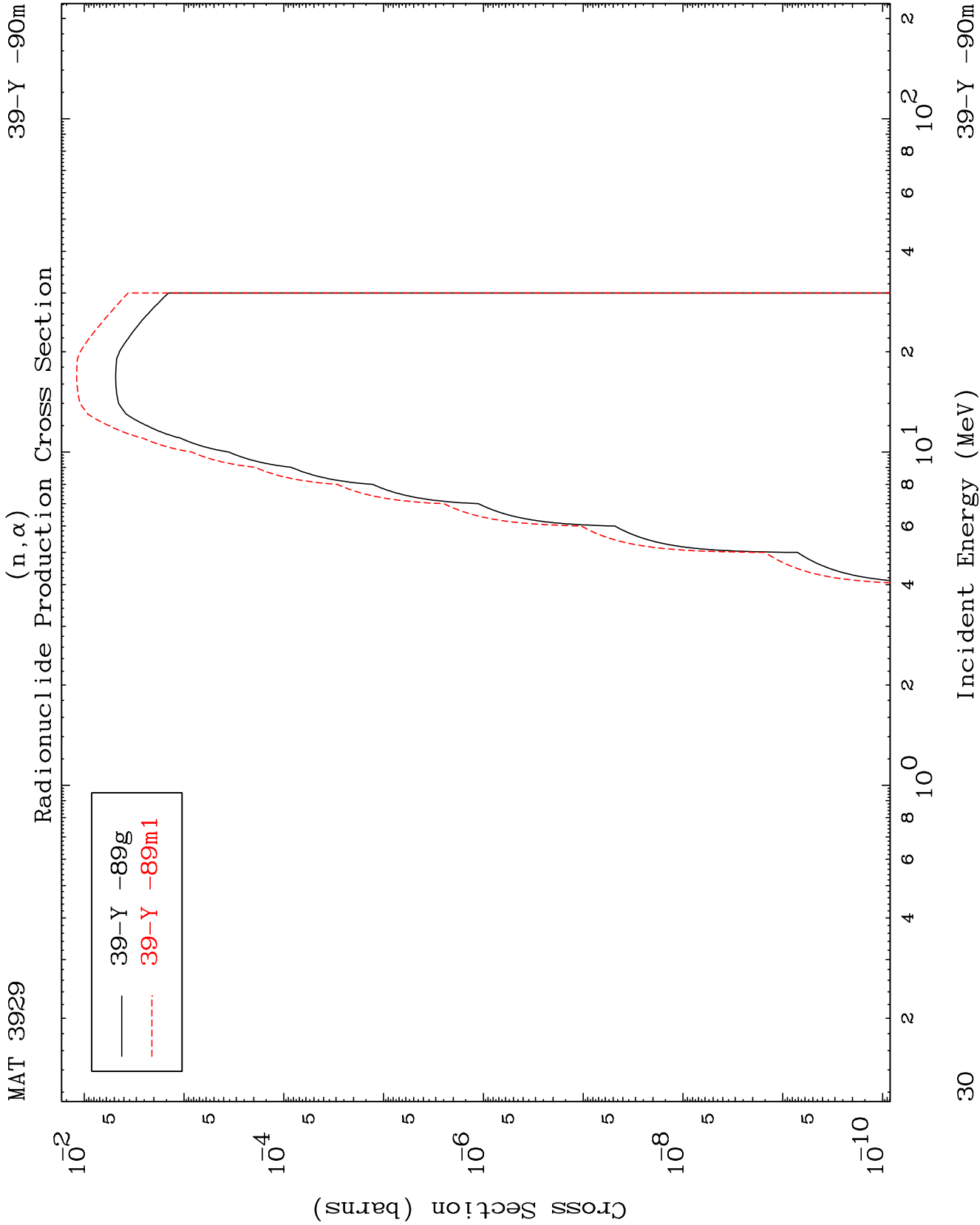


28

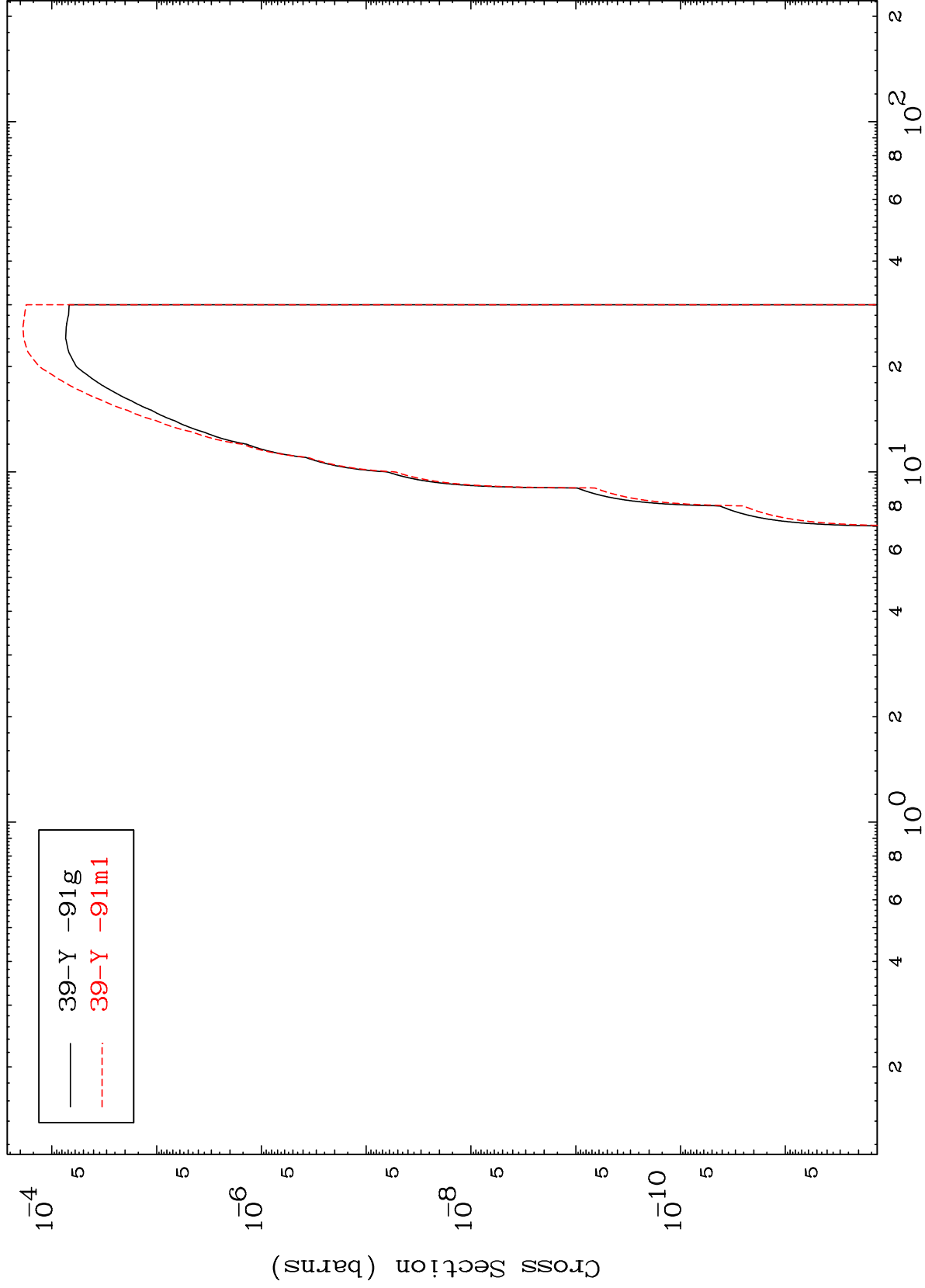
Incident Energy (MeV)

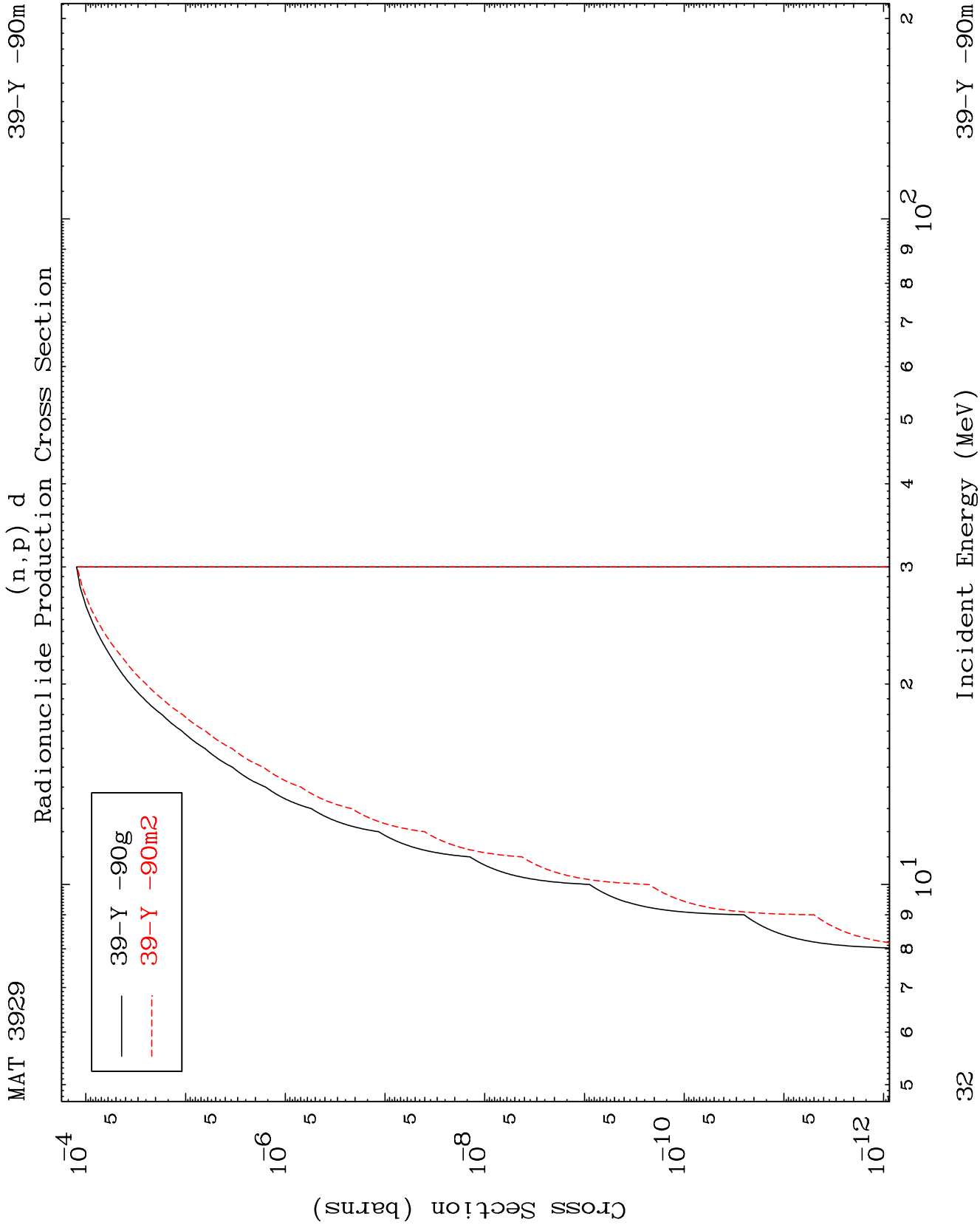
39-Y -90m





(n,2p)
Radionuclide Production Cross Section

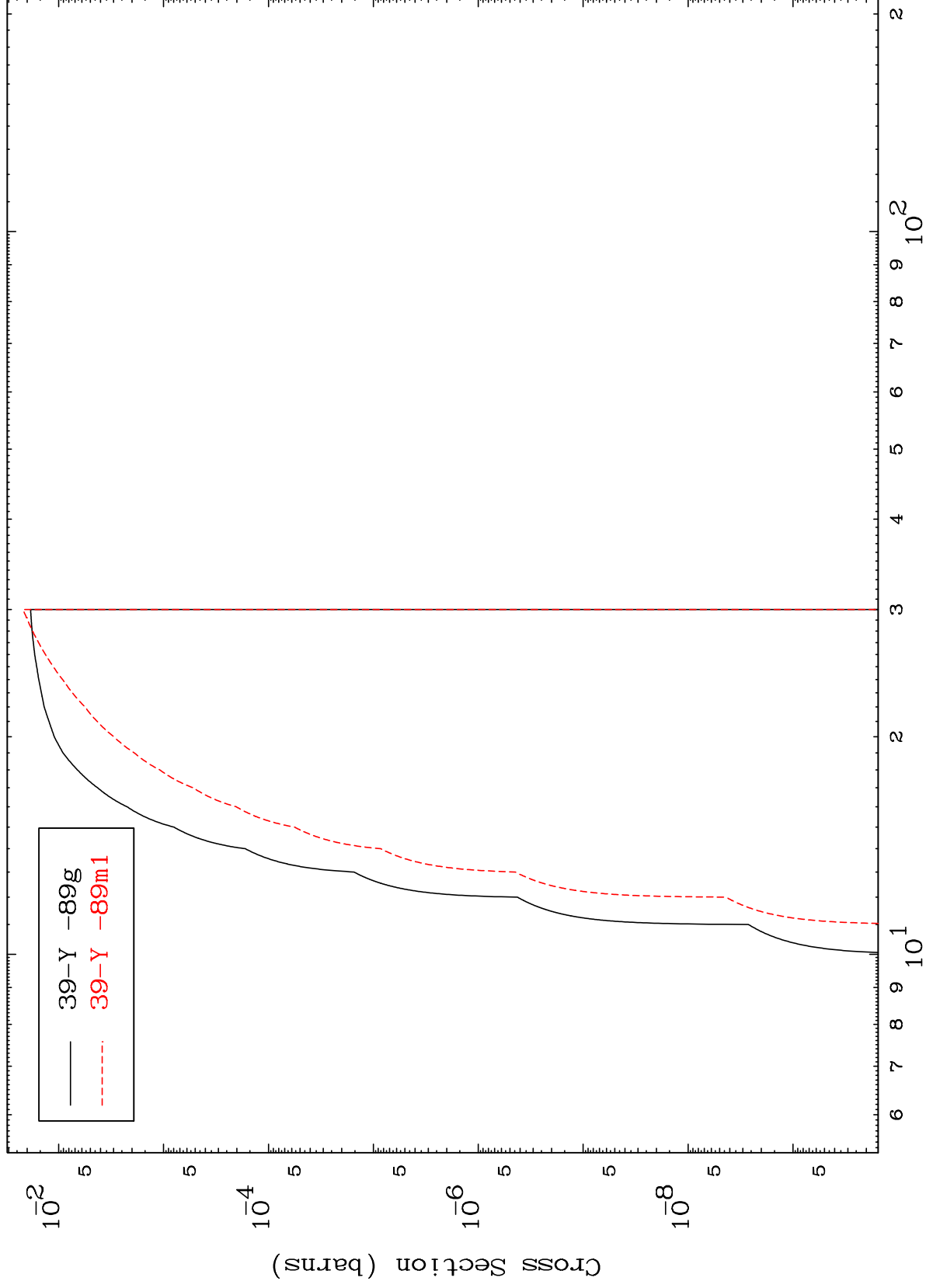




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39-Y -90m

(n,p) t
Radionuclide Production Cross Section



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Incident Energy (MeV)

39-Y -90m

