

Program EVALPLOT
(Version 2021-1)

by

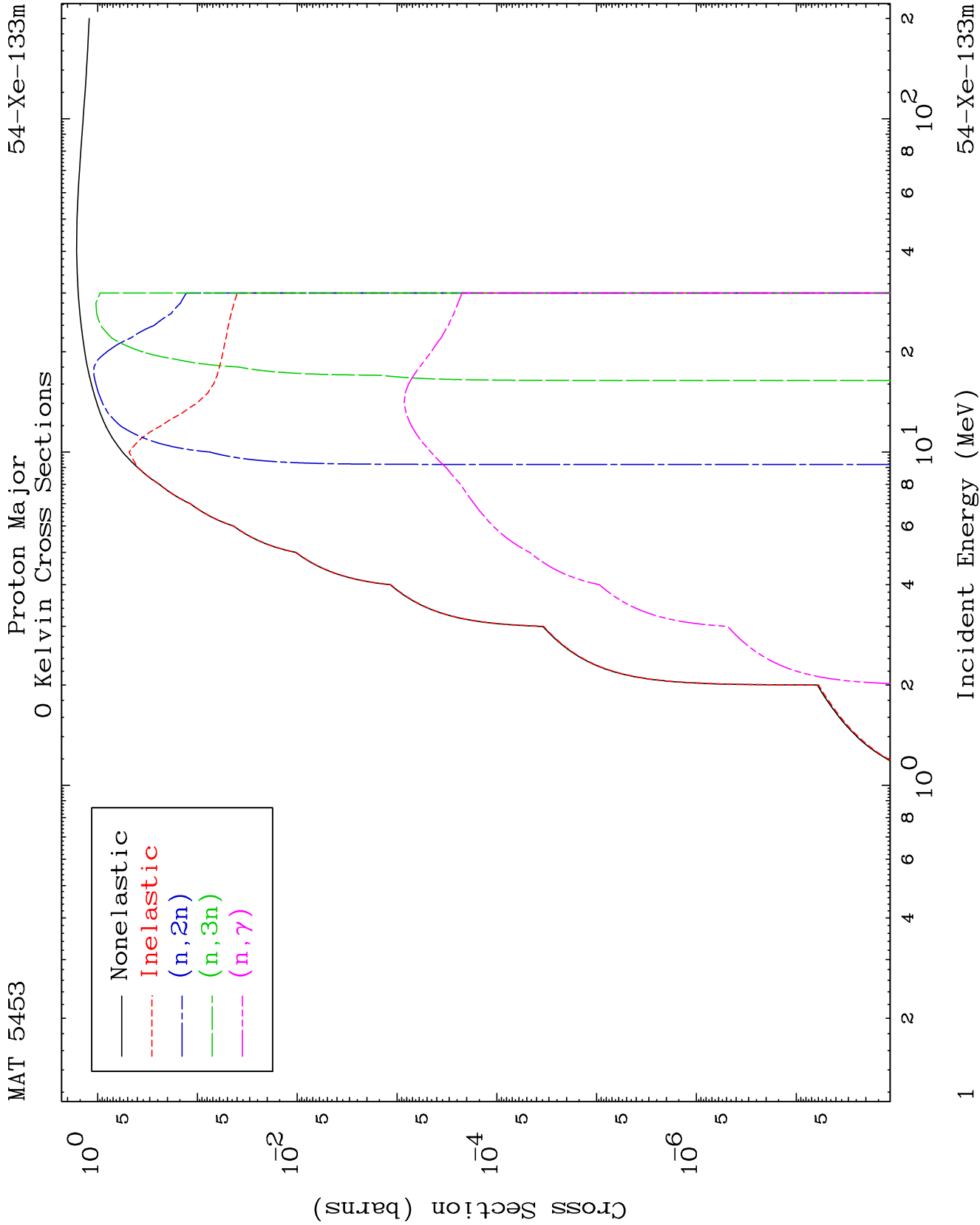
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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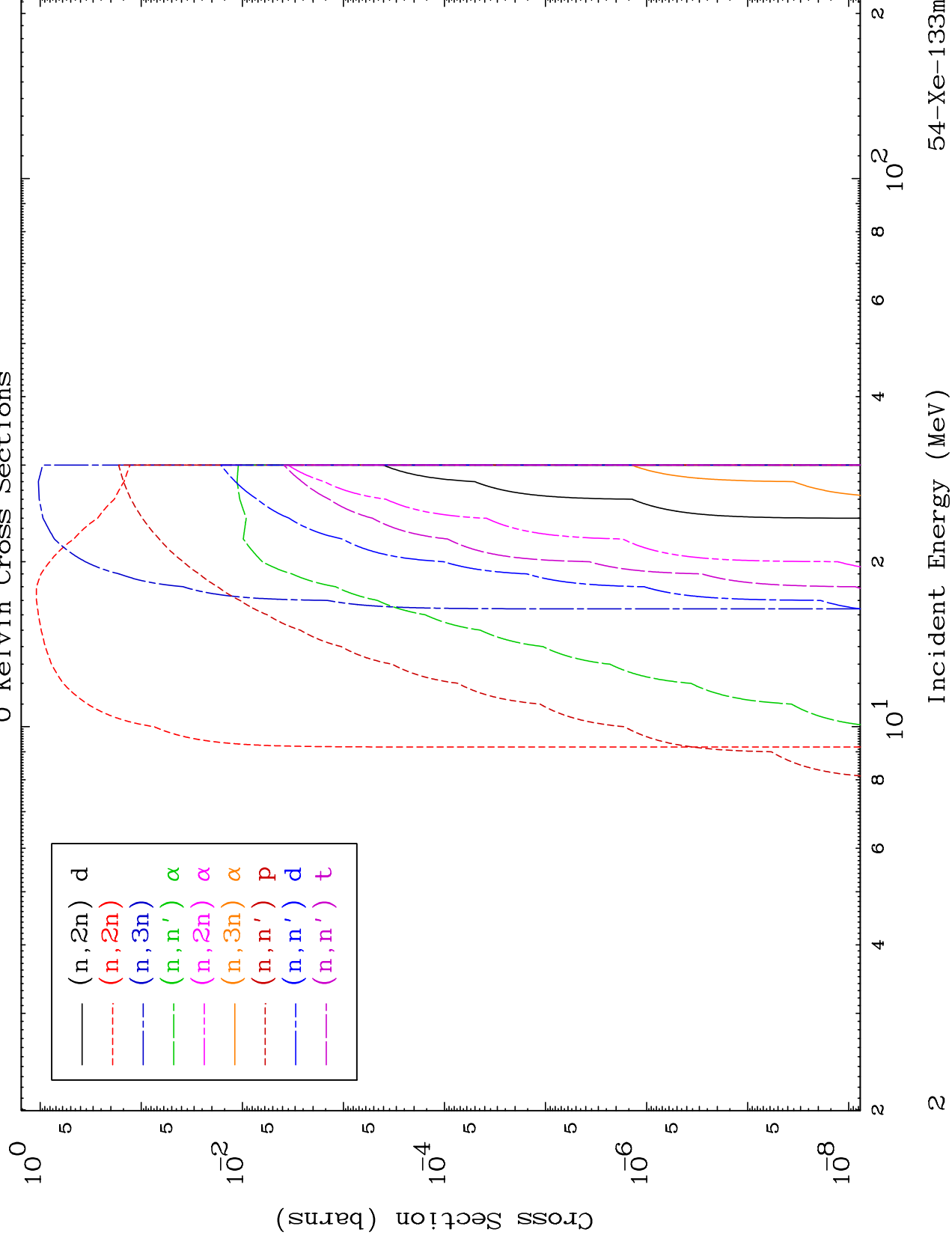
Press Mouse Button to Start

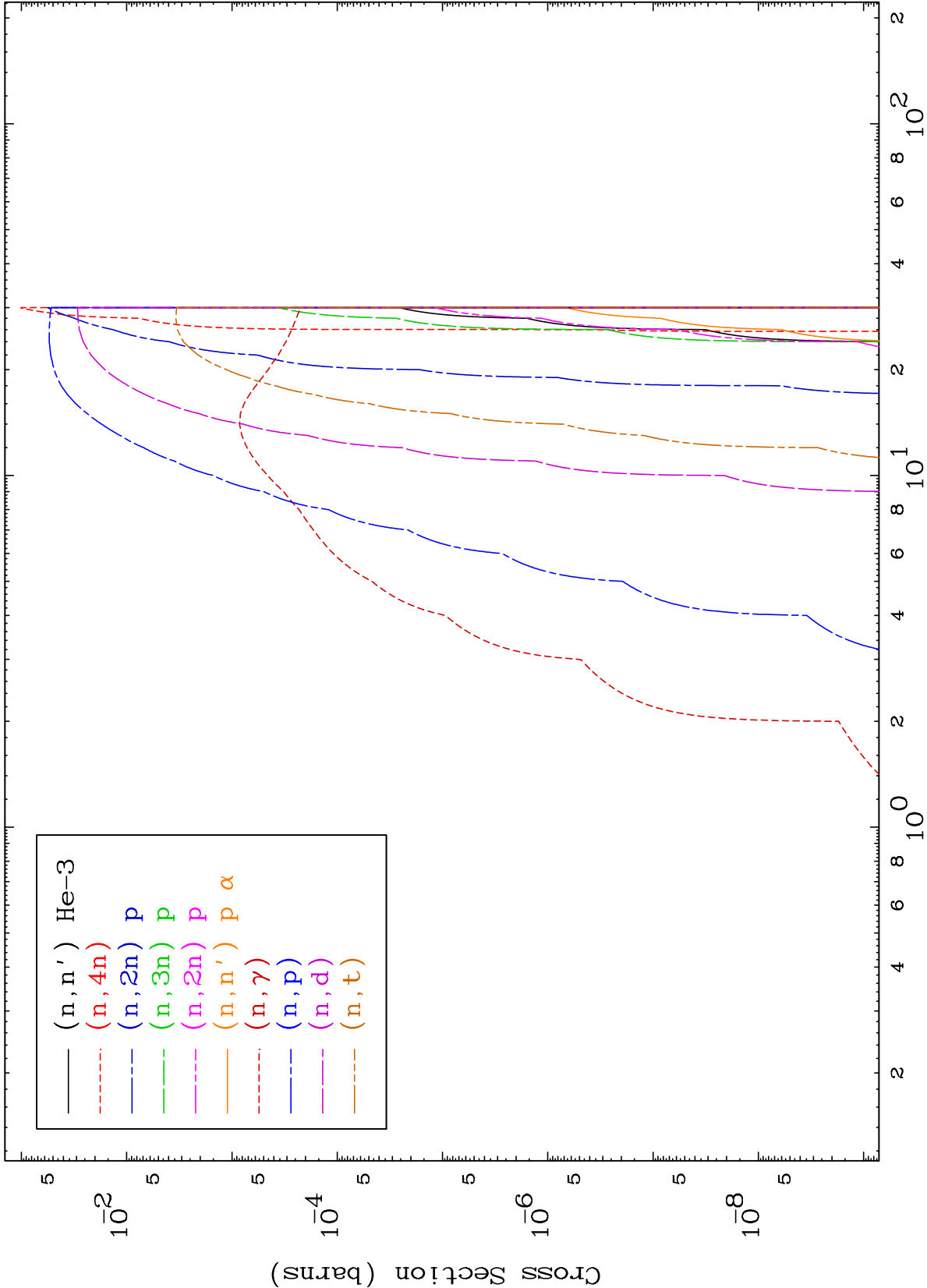


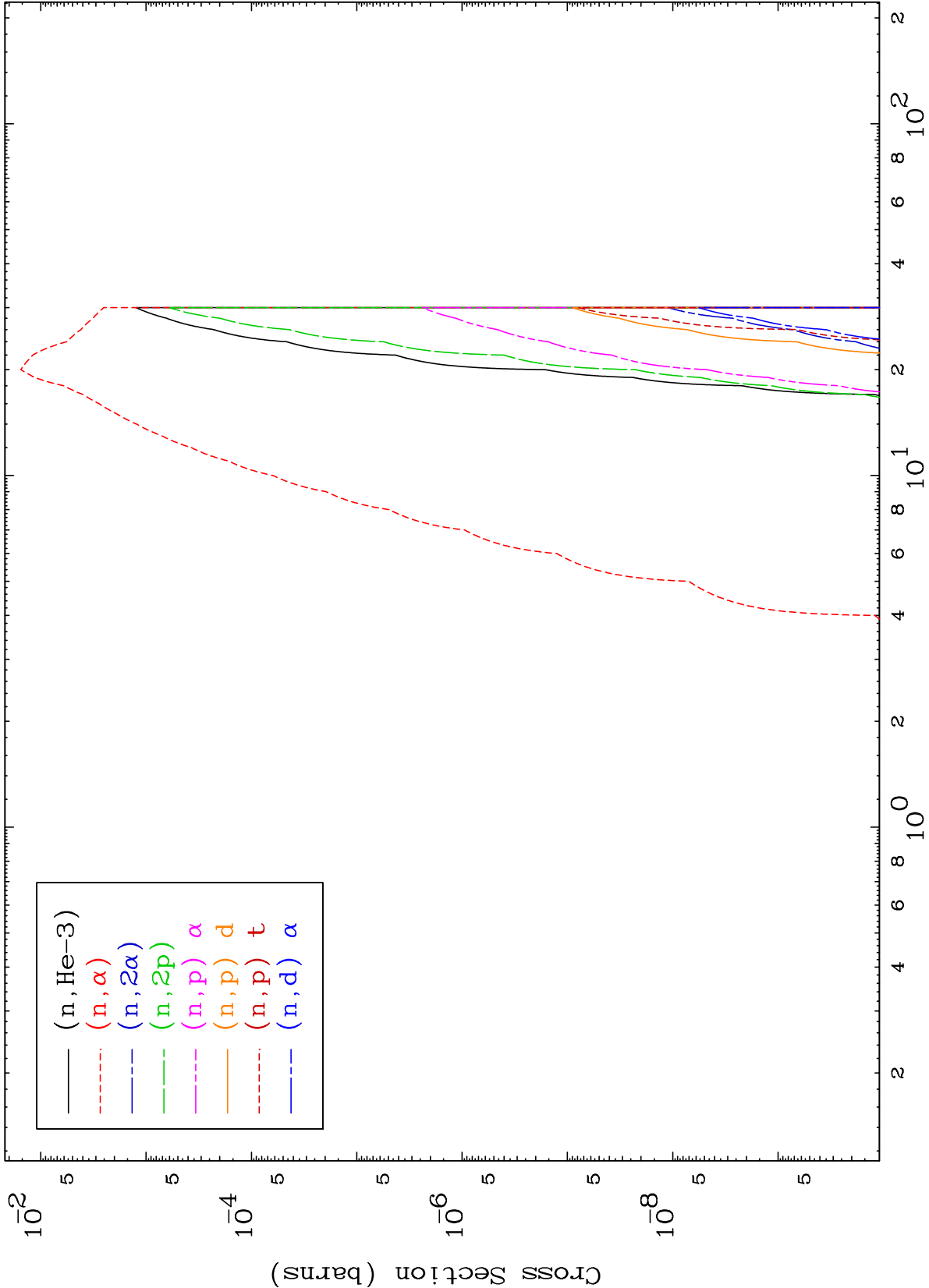
MAT 5453

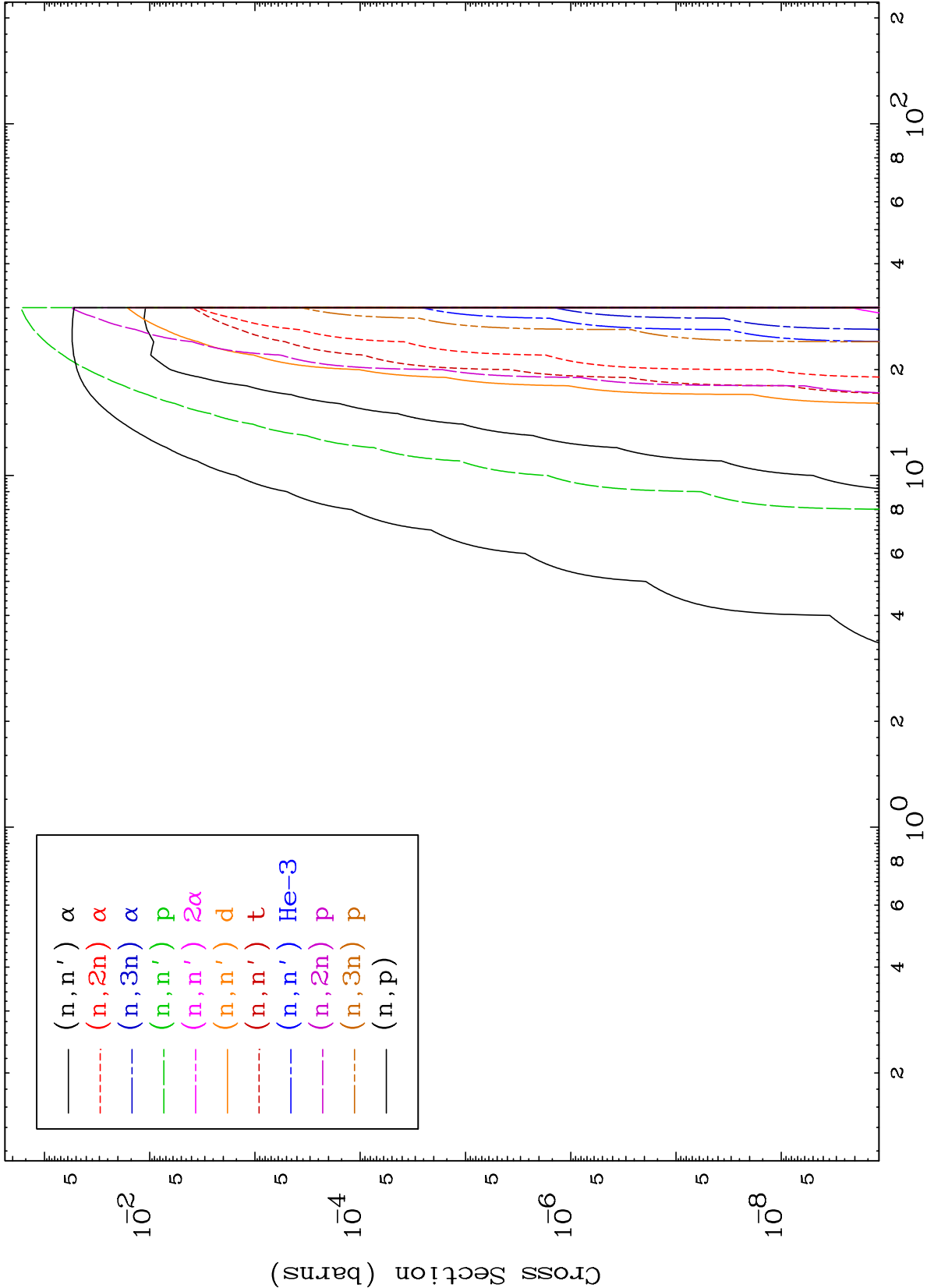
Proton Neutron Absorption 0 Kelvin Cross Sections

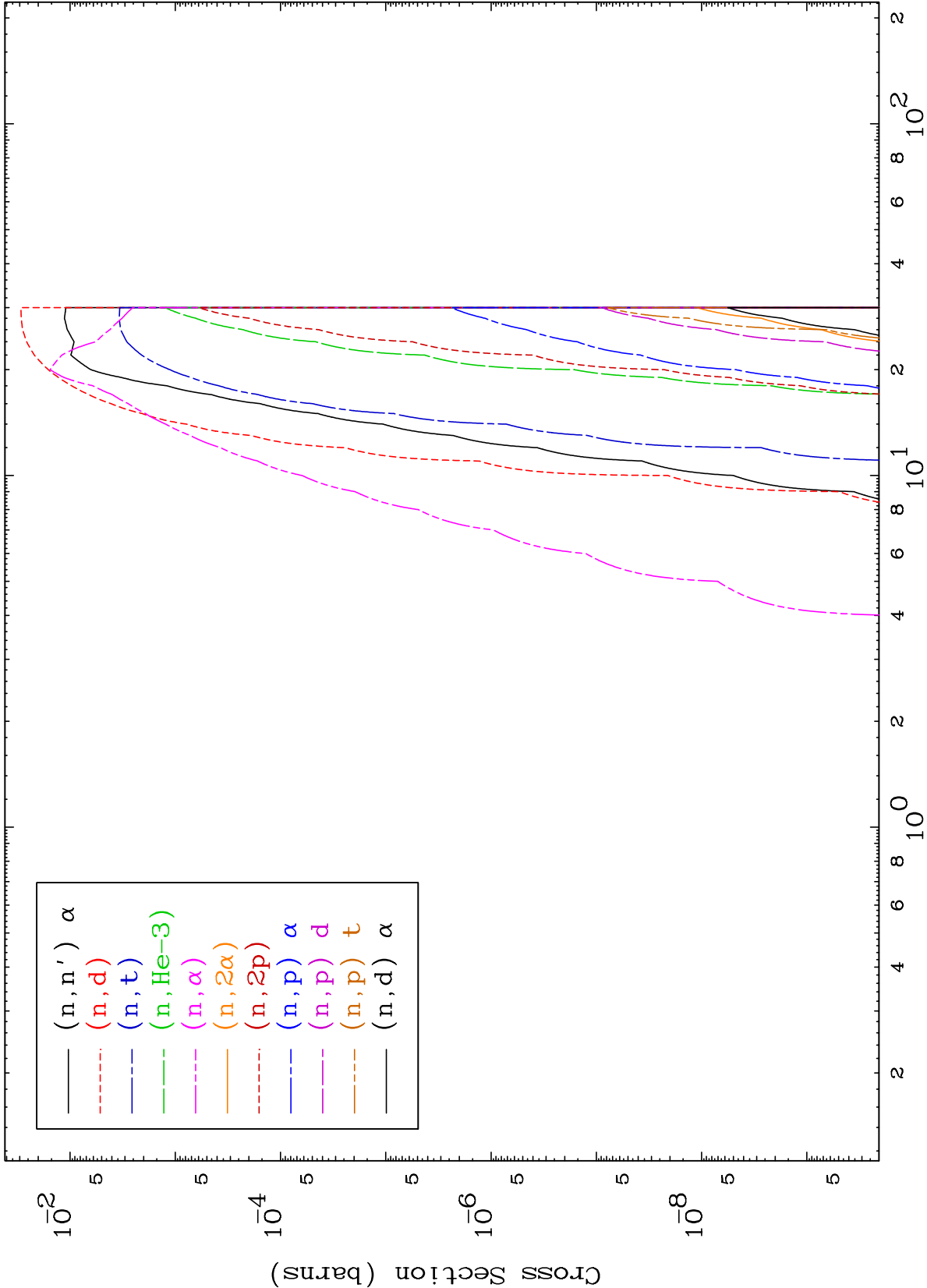
54-Xe-133m









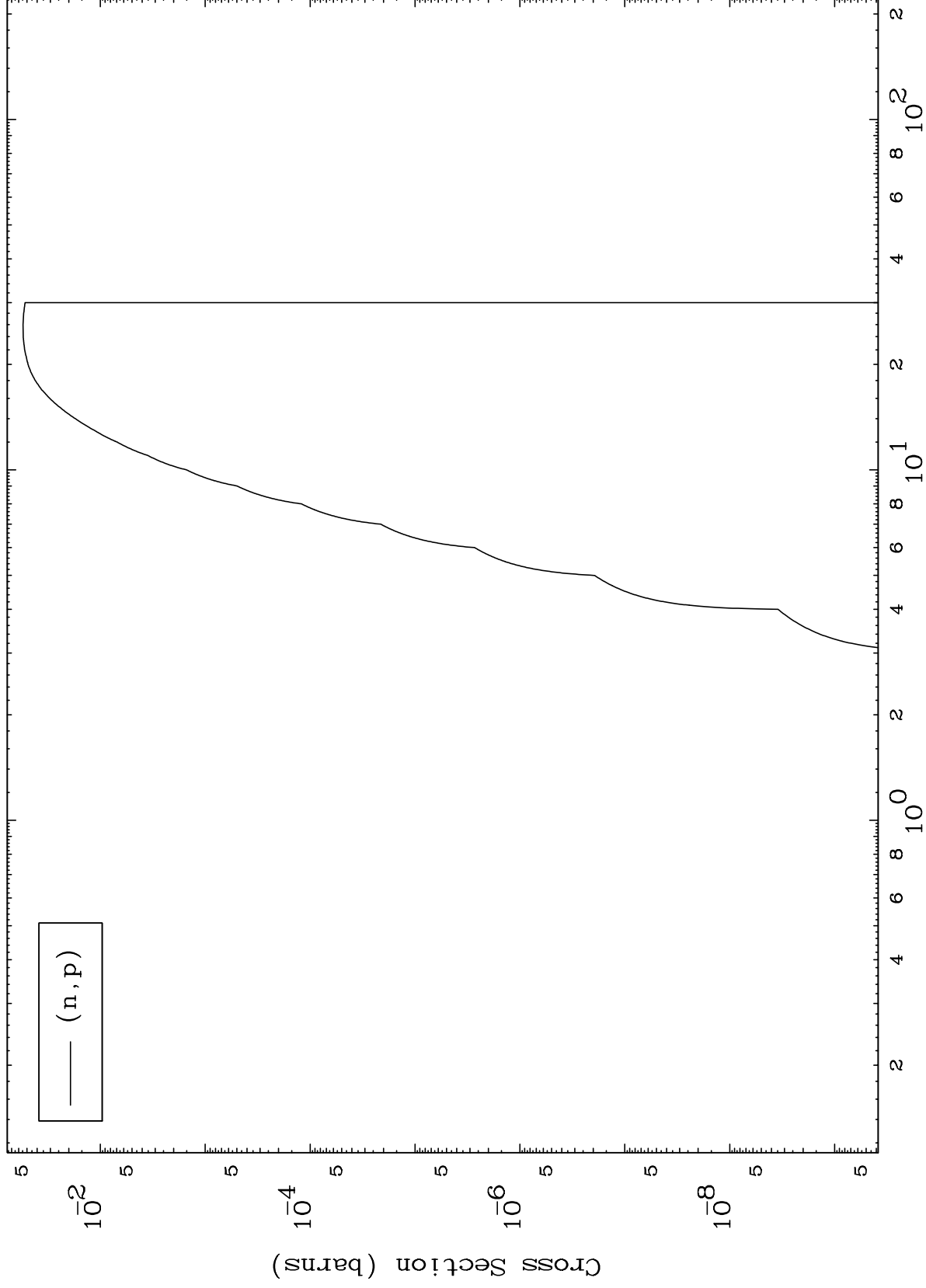


MAT 5453

(p,p) Levels

54-Xe-133m

0 Kelvin Cross Sections



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Incident Energy (MeV)

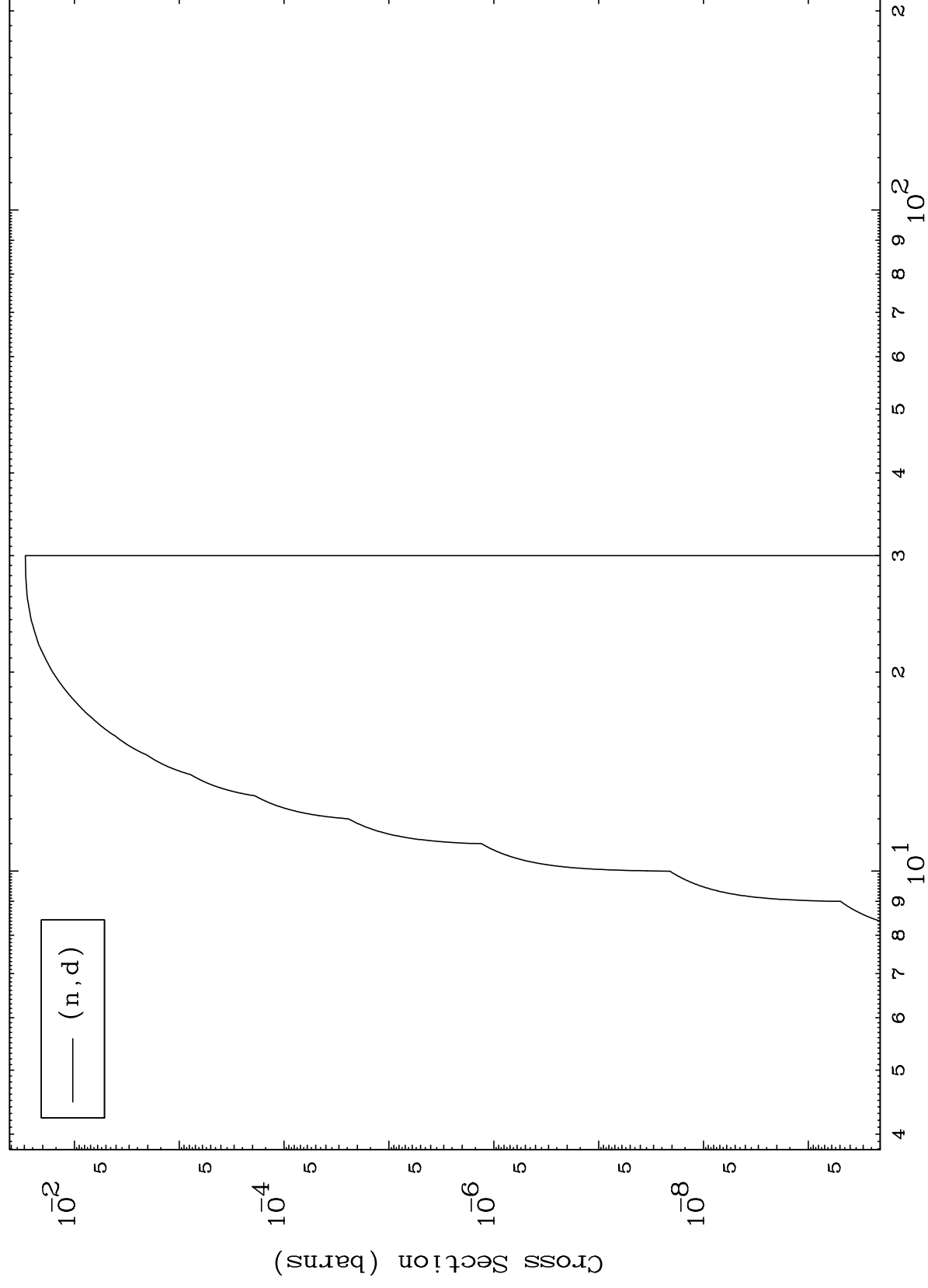
54-Xe-133m

MAT 5453

(p, d) Levels

54-Xe-133m

0 Kelvin Cross Sections



8

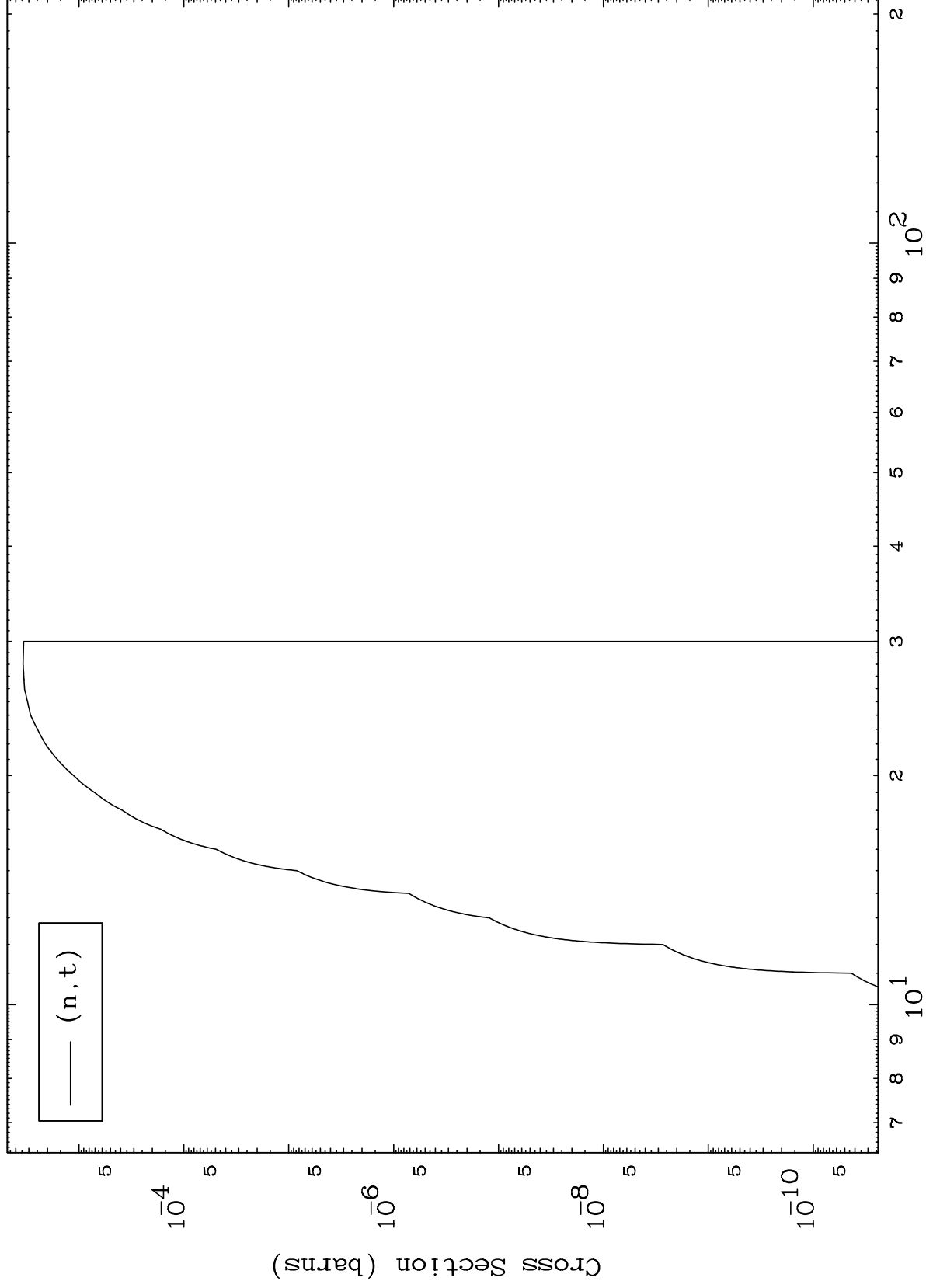
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

(p,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

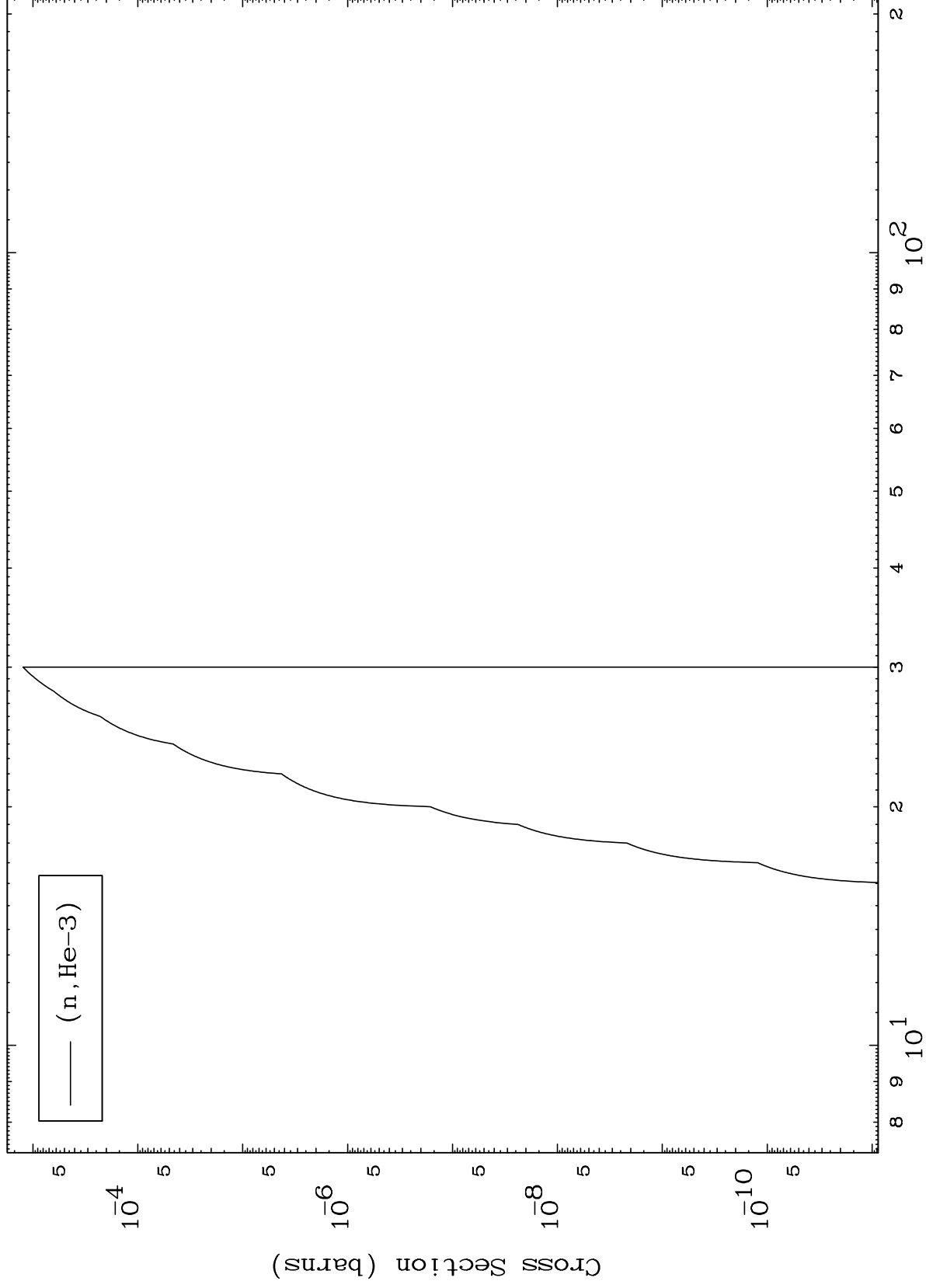
54-Xe-133m

MAT 5453

(p,He3) Levels

54-Xe-133m

0 Kelvin Cross Sections



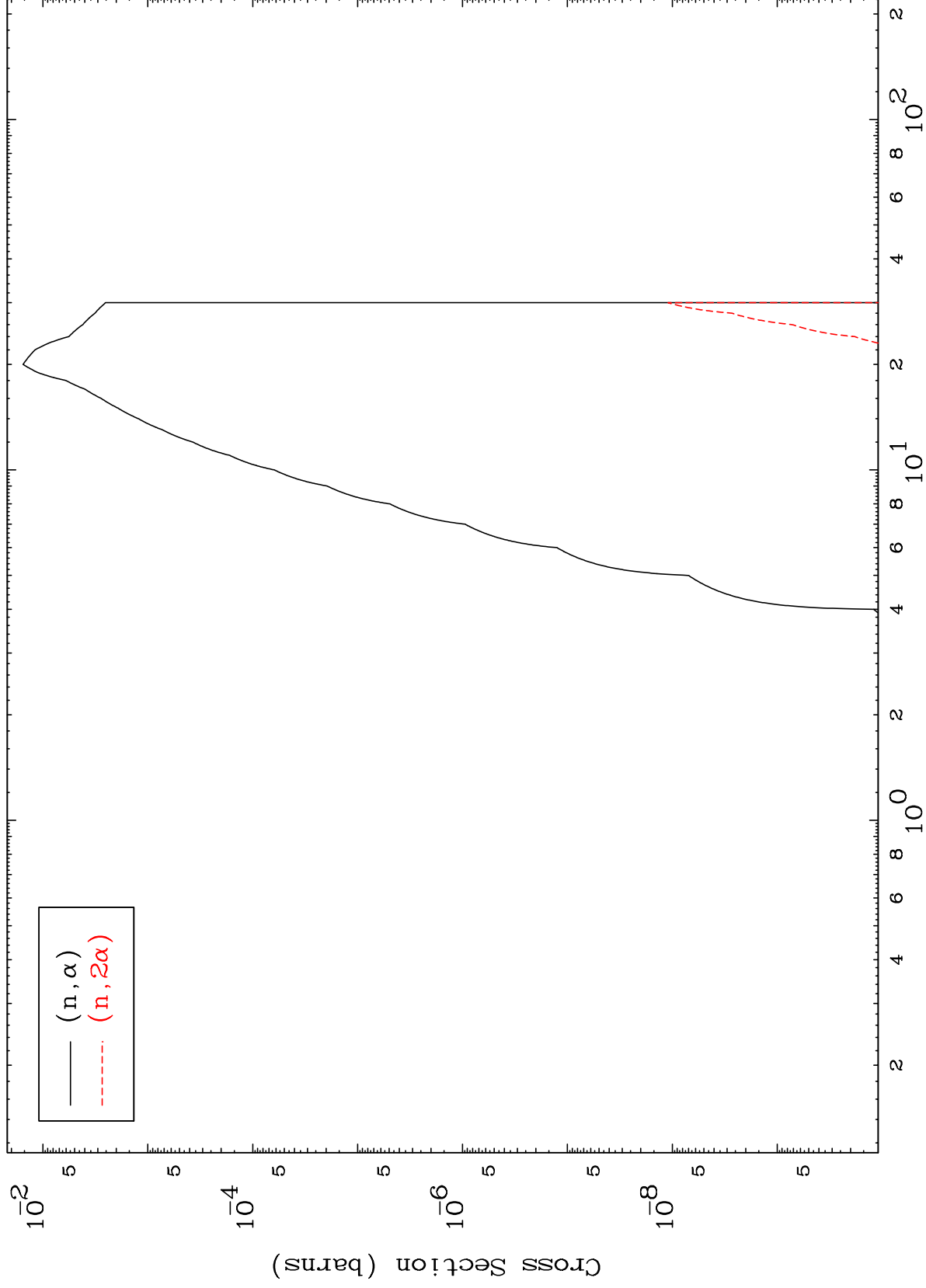
Incident Energy (MeV)

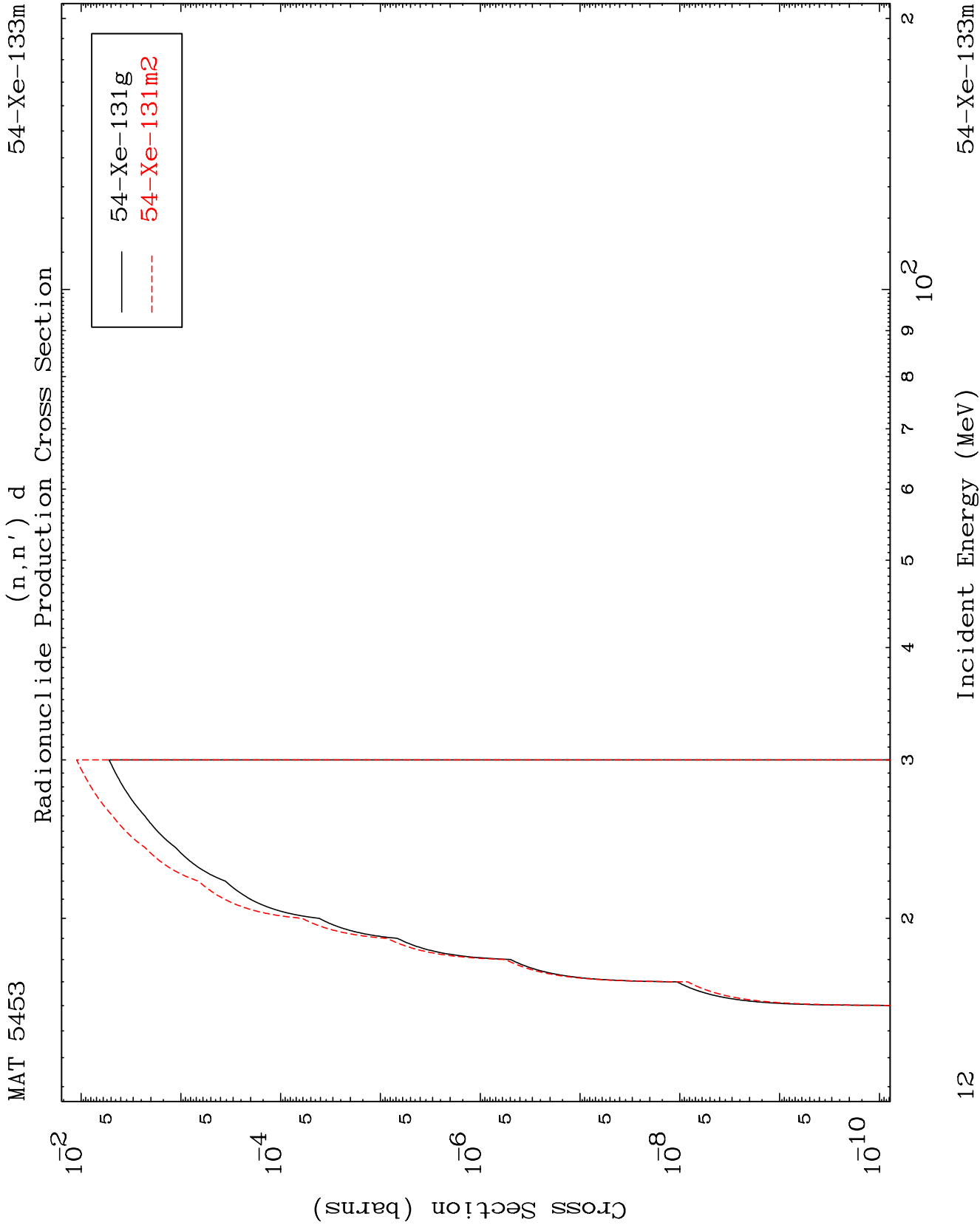
54-Xe-133m

MAT 5453

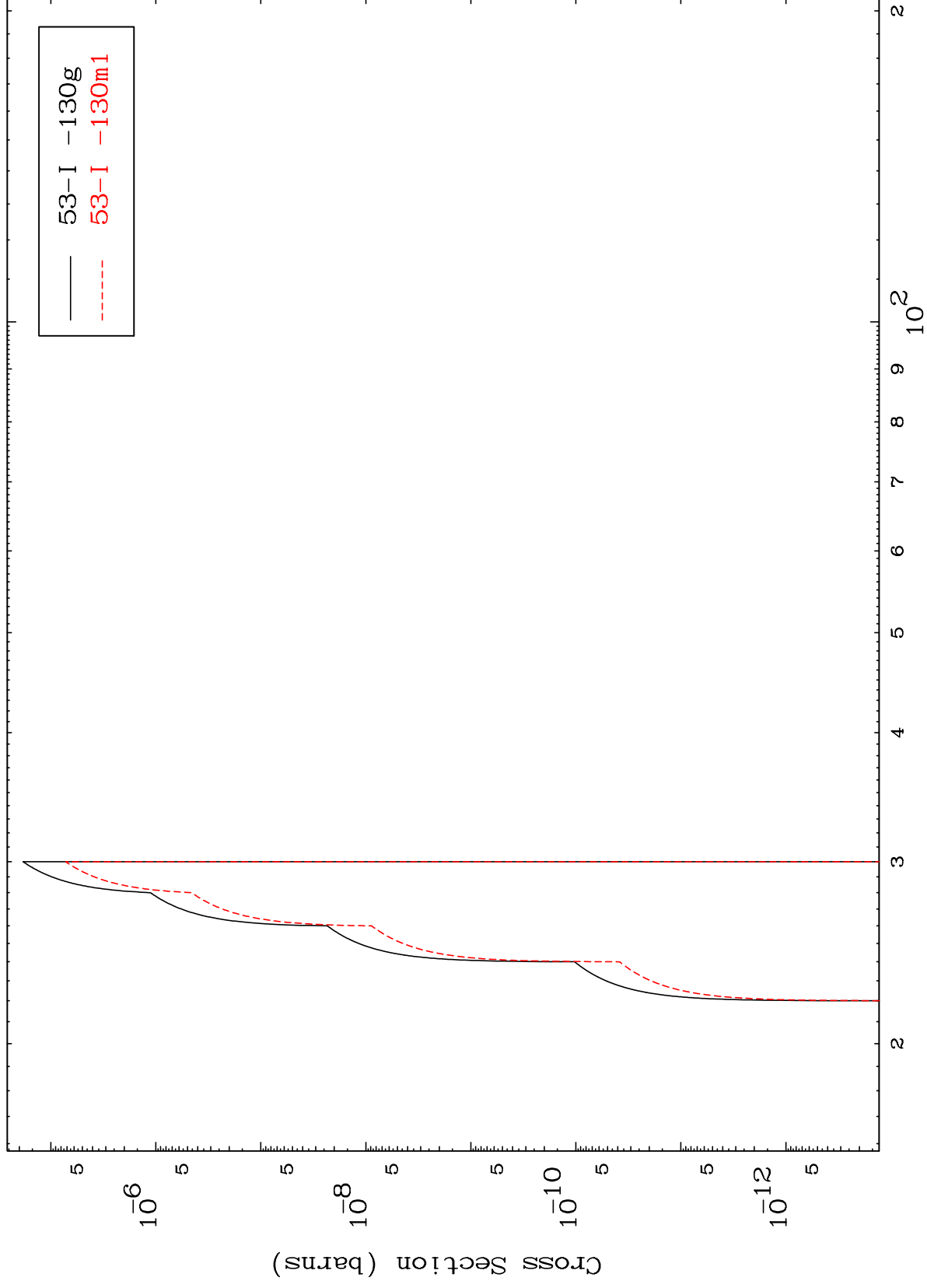
54-Xe-133m

0 Kelvin Cross Sections
(p, α) Levels





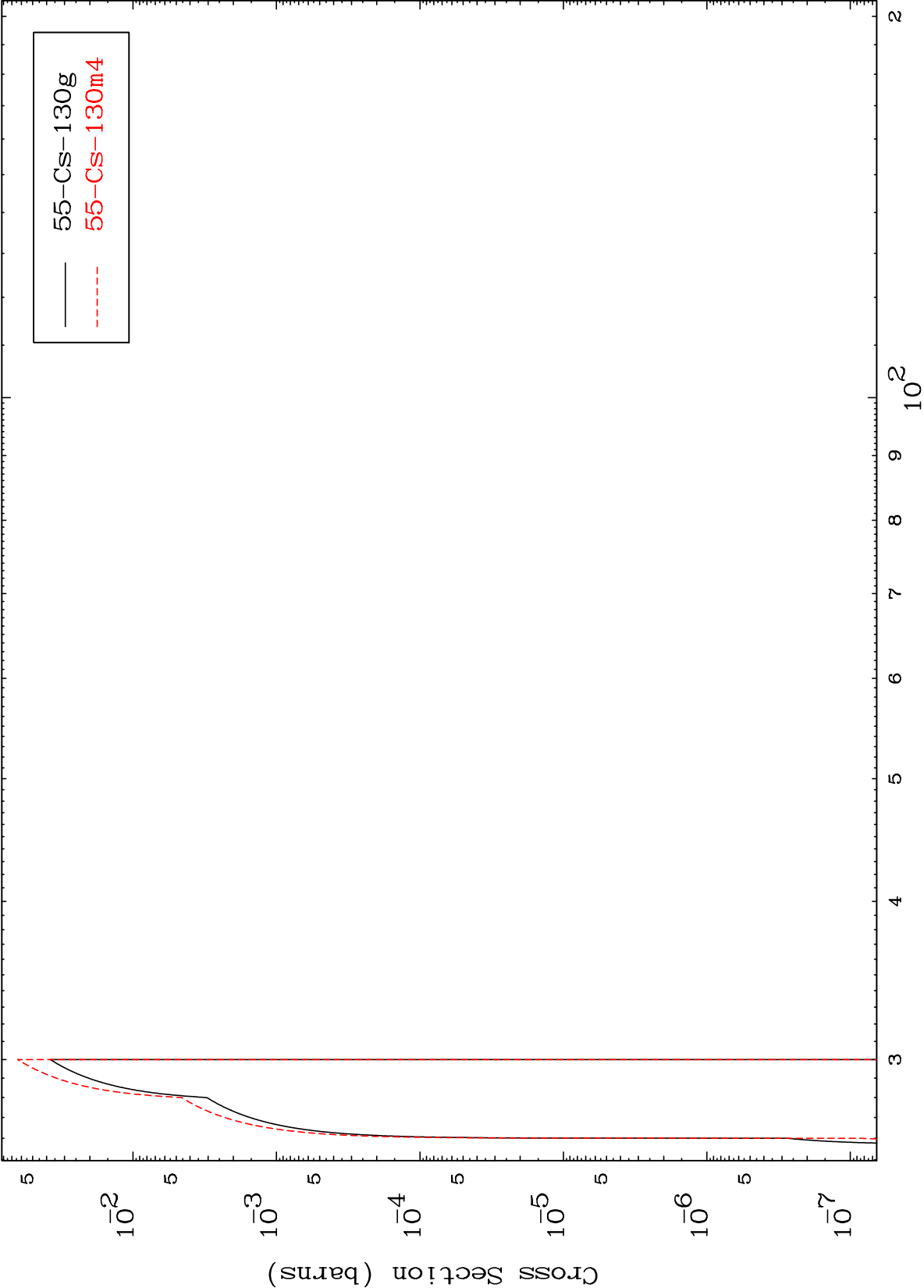
Radionuclide Production Cross Section



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54-Xe-133m

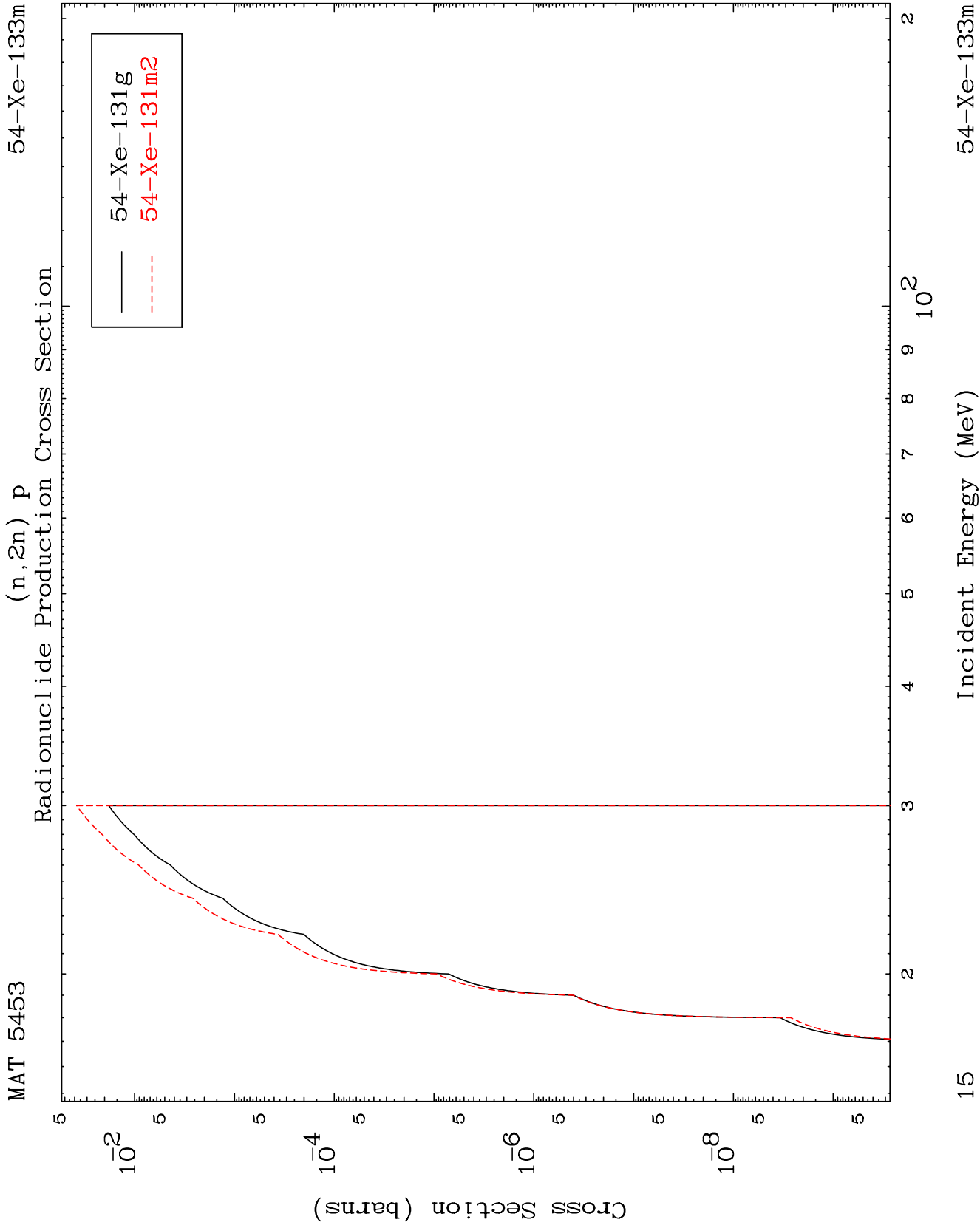
(n,4n)
Radionuclide Production Cross Section



54-Xe-133m

Incident Energy (MeV)

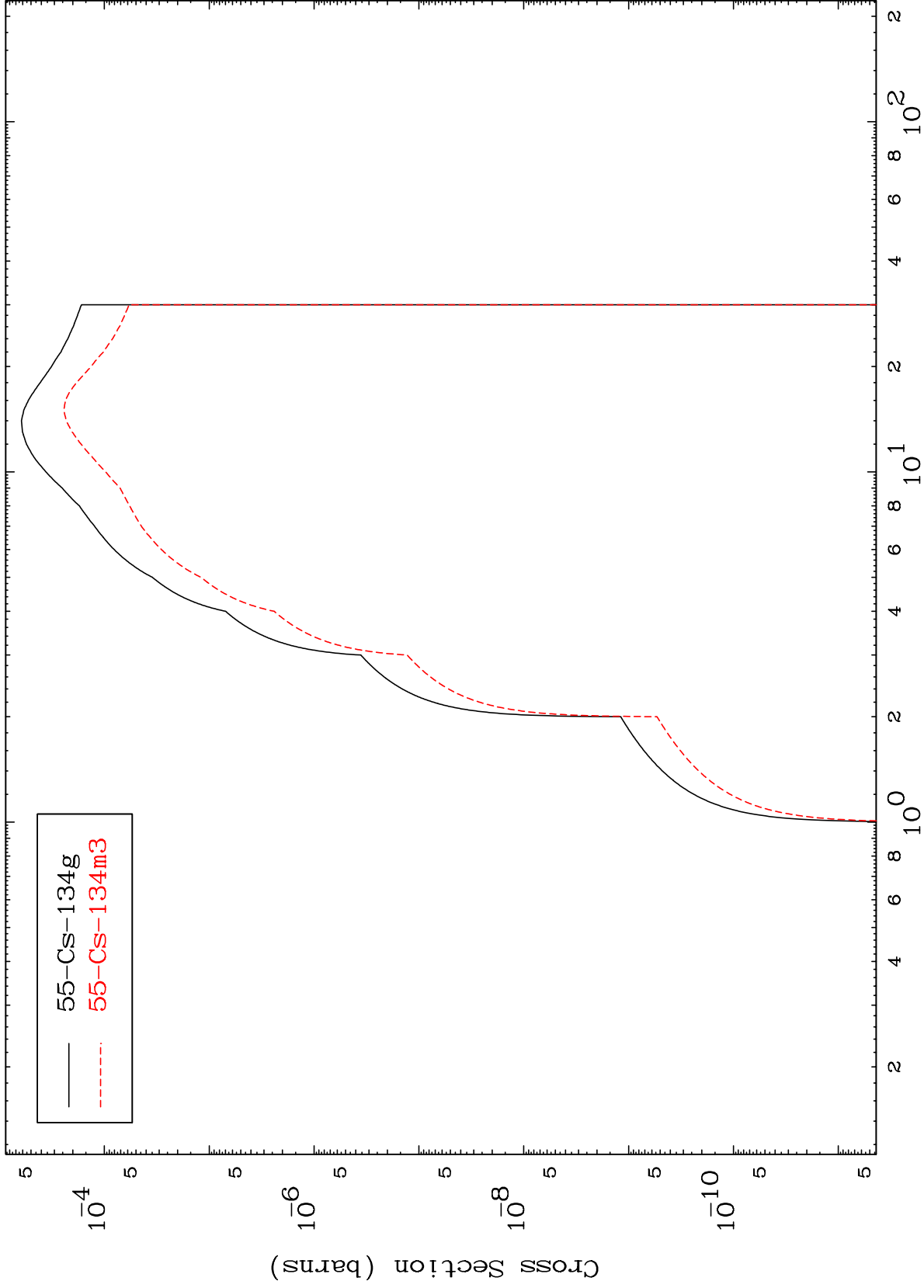
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MAT 5453

54-Xe-133m

Radionuclide Production Cross Section
(n, γ)



16

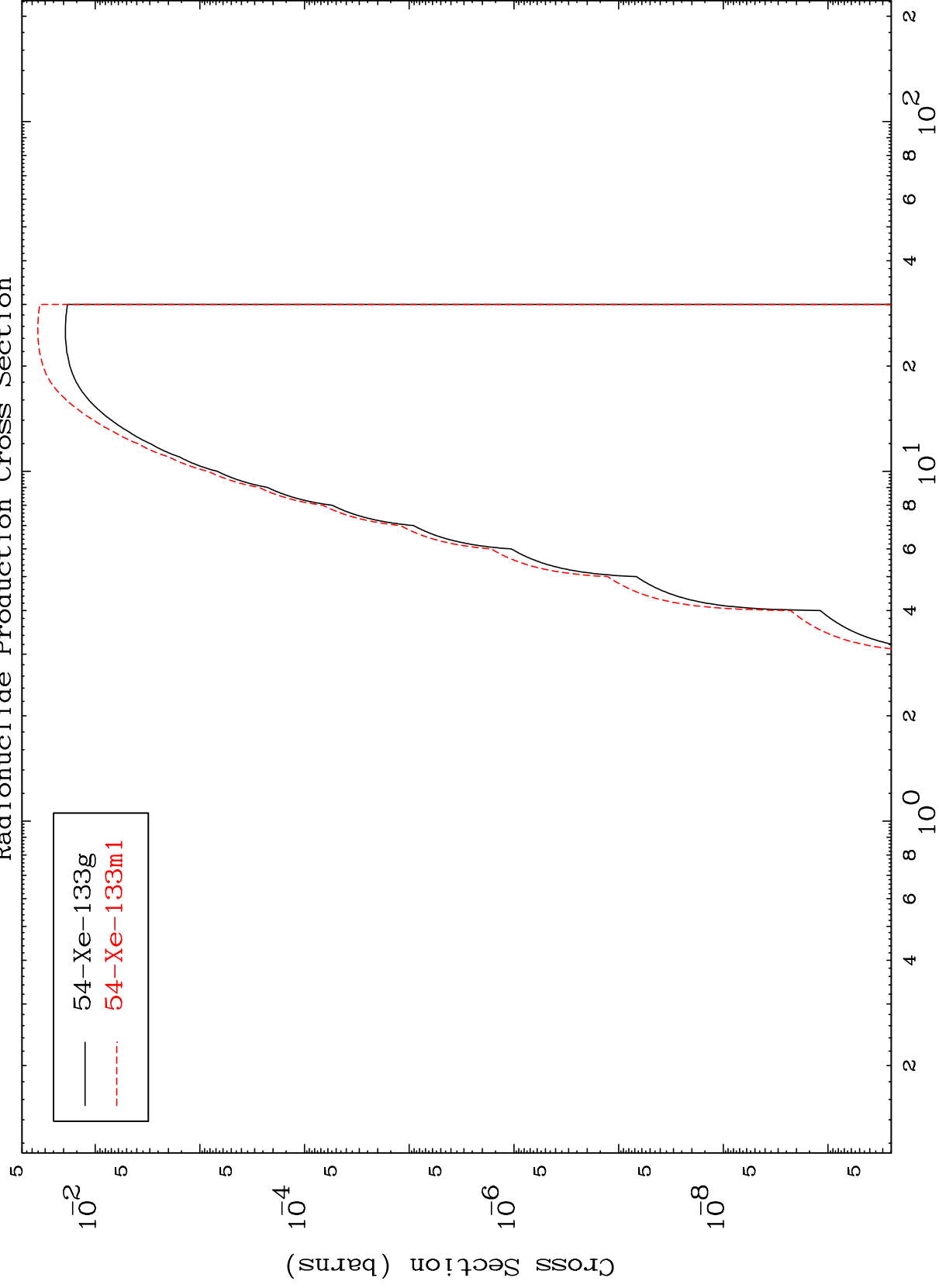
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

Radionuclide Production Cross Section
(n,p)



17

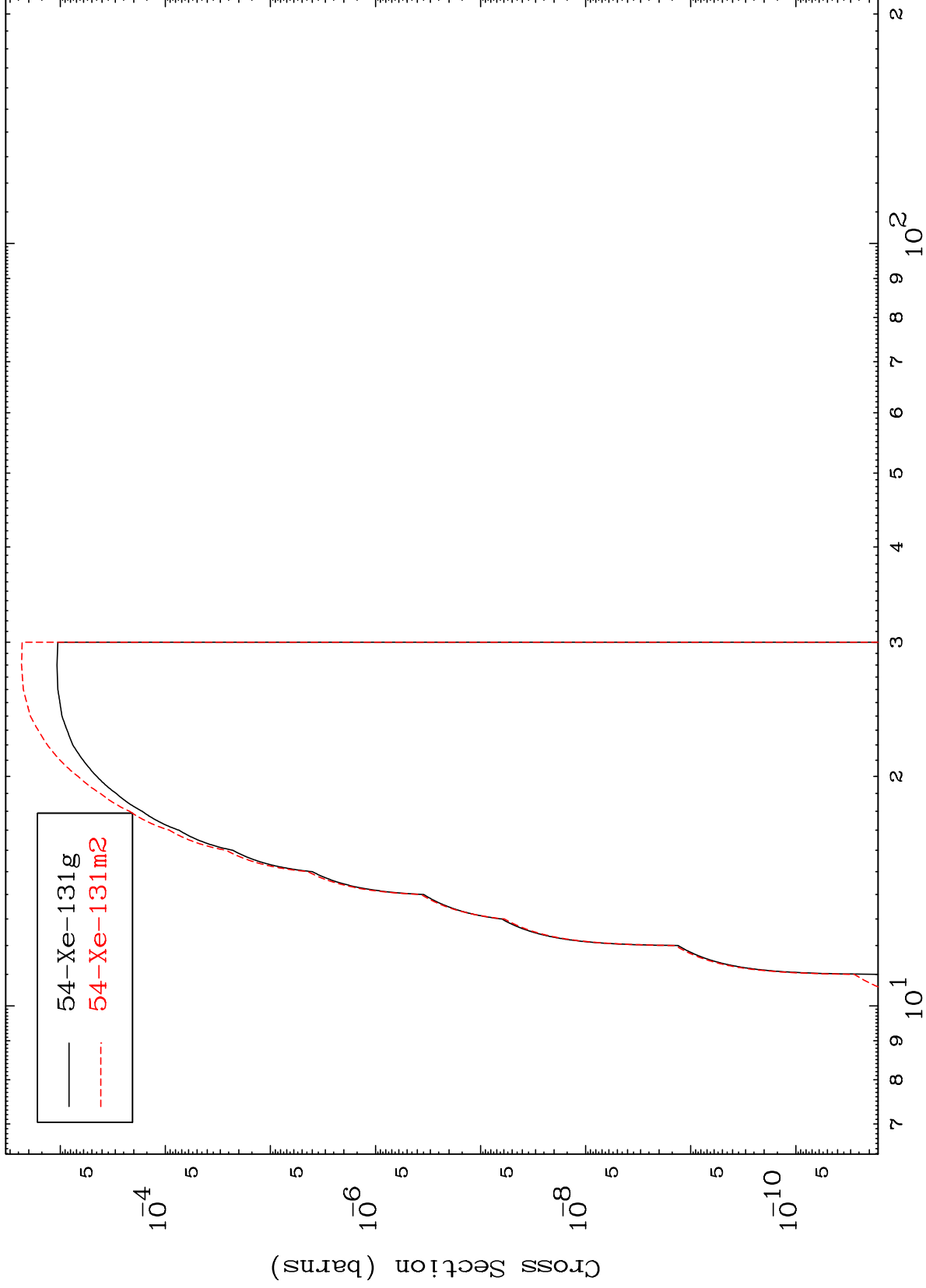
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

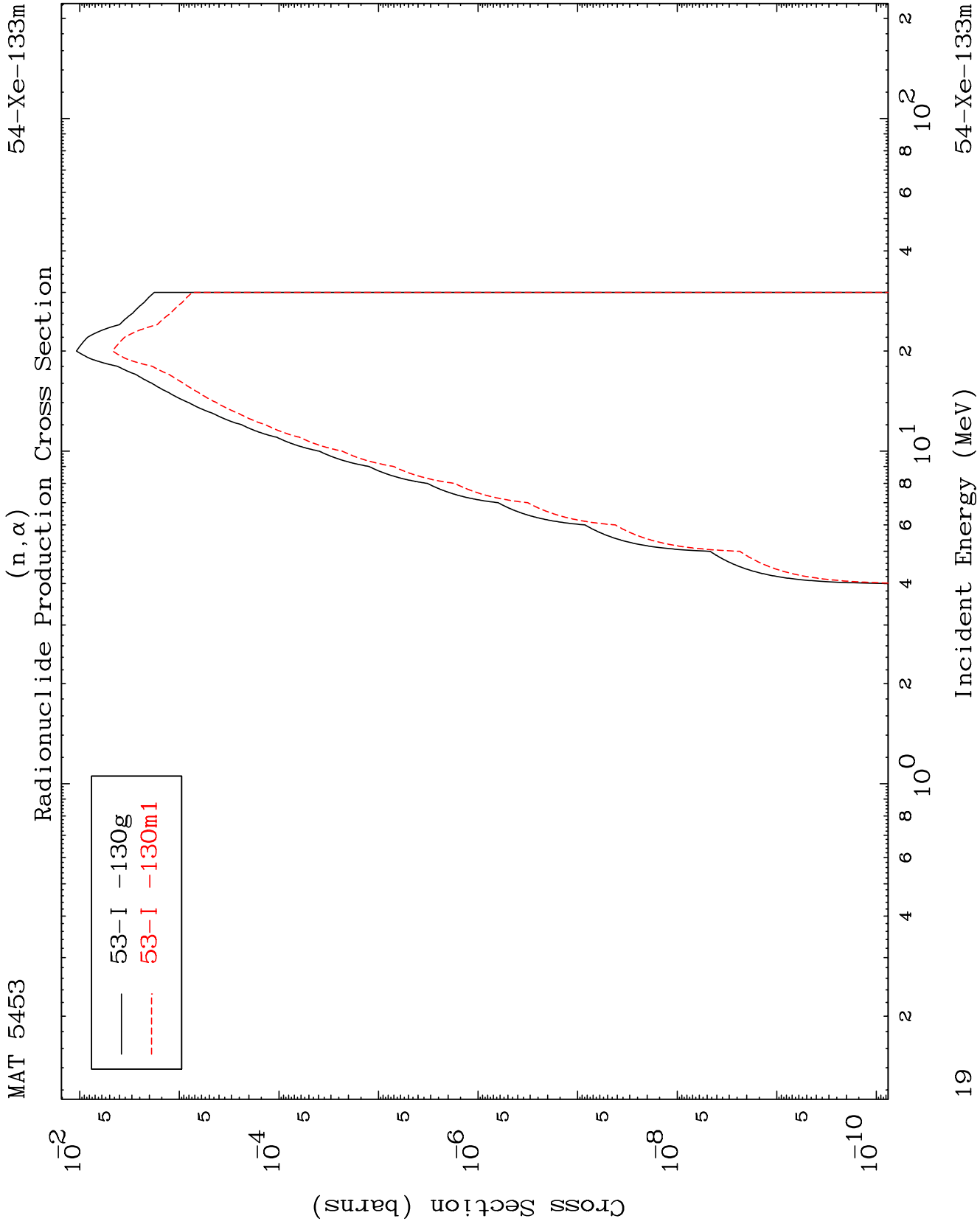
Radionuclide Production Cross Section



18

Incident Energy (MeV)

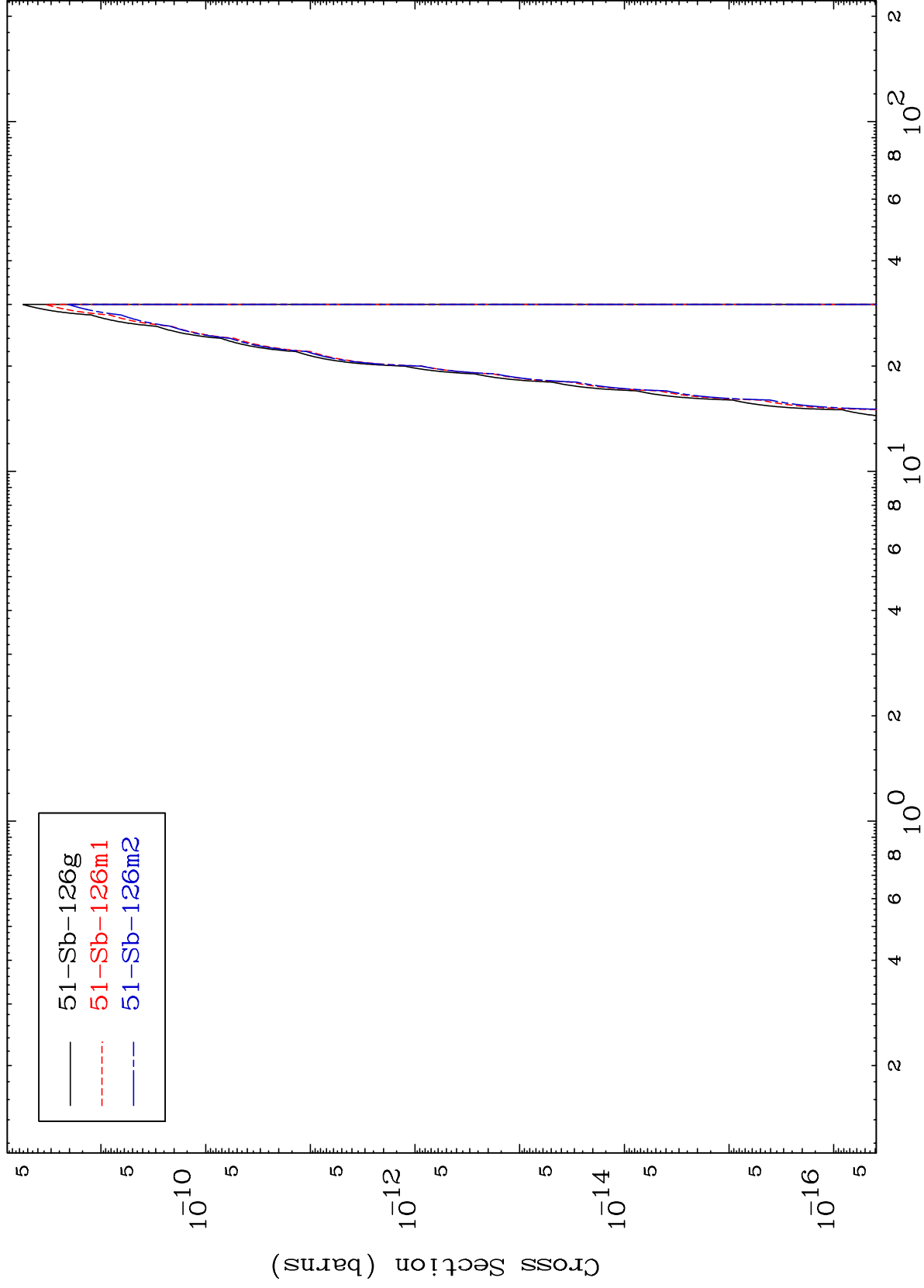
54-Xe-133m



MAT 5453

54-Xe-133m

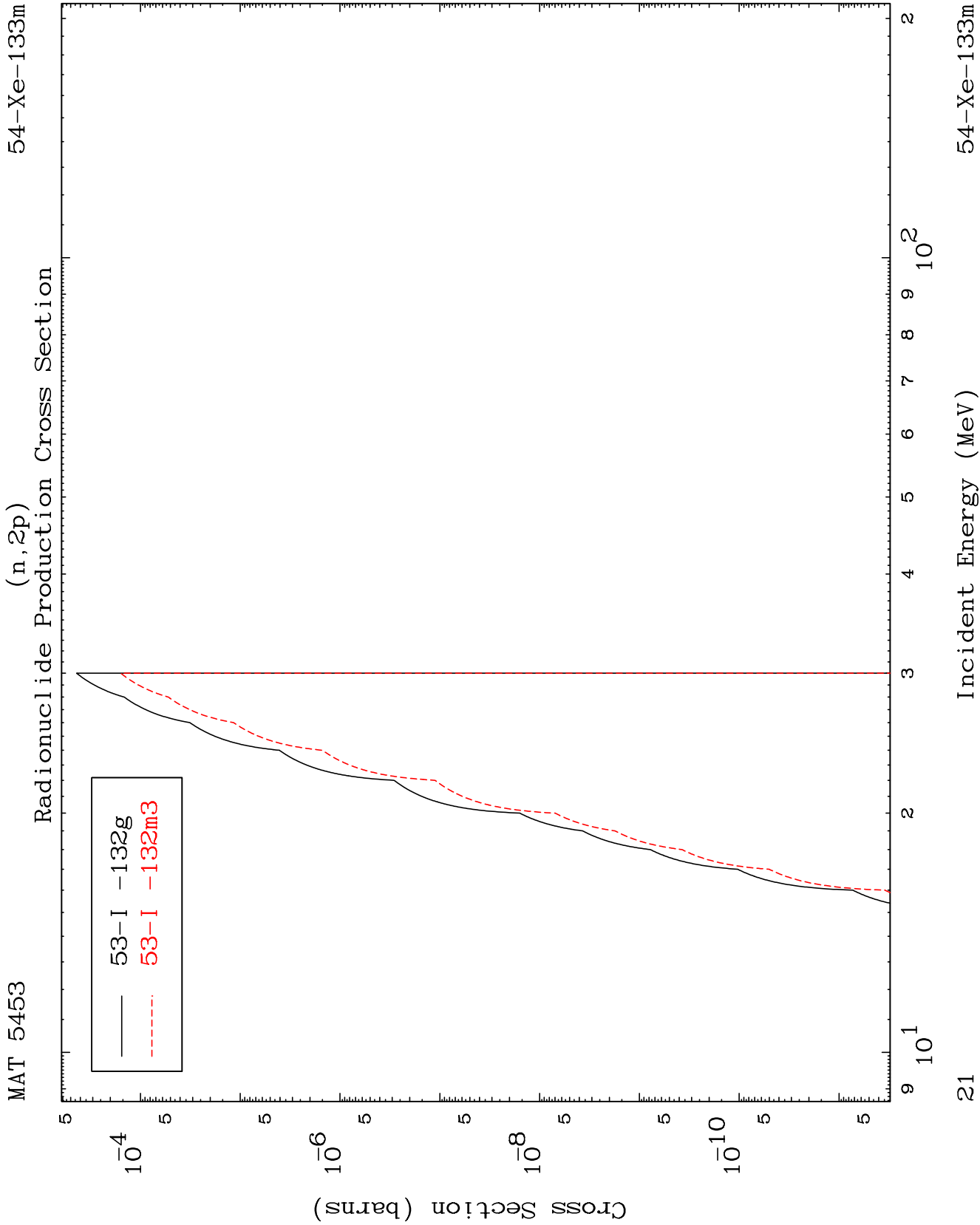
Radionuclide Production Cross Section
(n,2 α)



20

Incident Energy (MeV)

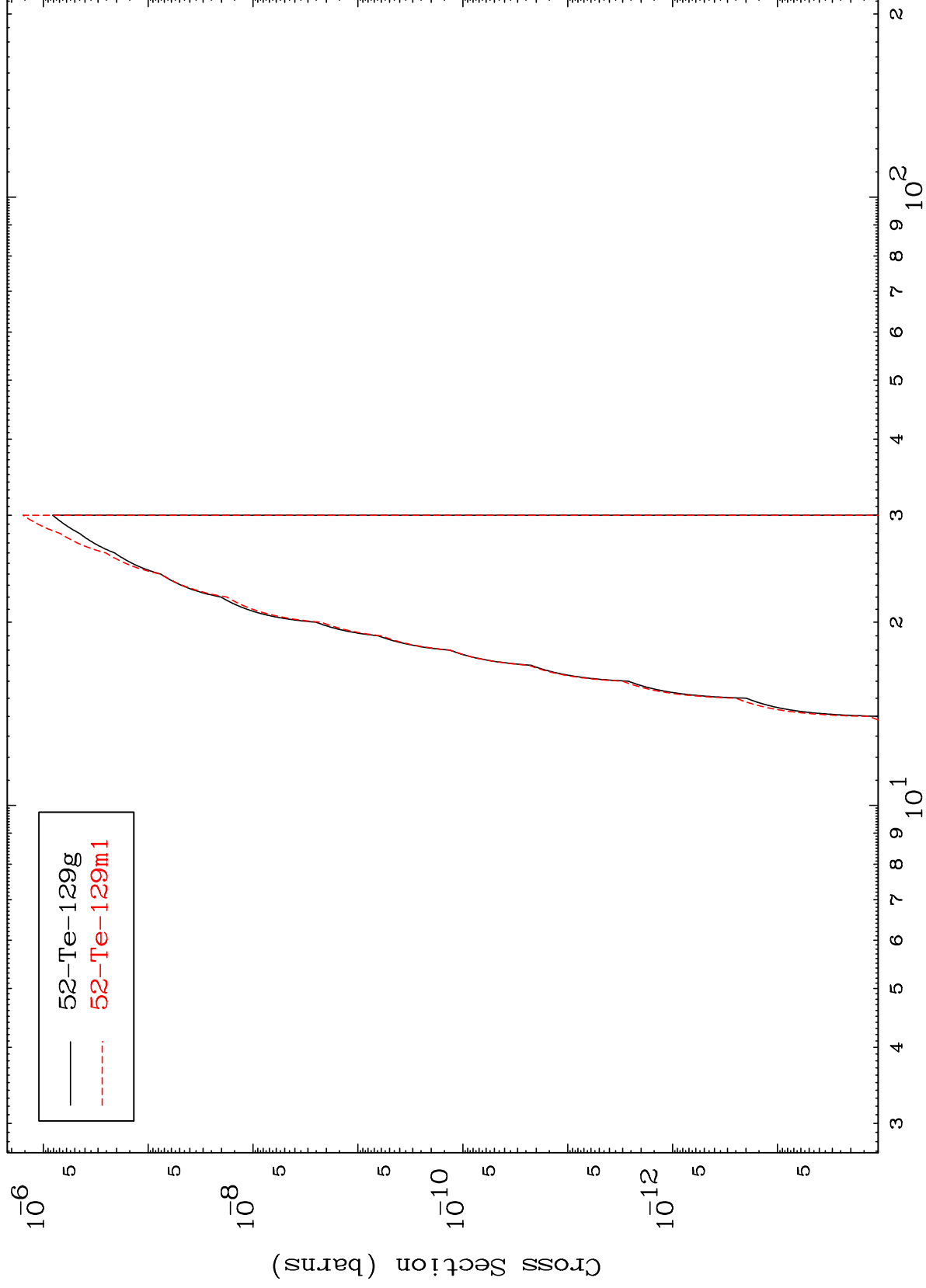
54-Xe-133m



MAT 5453

54-Xe-133m

(n,p) α
Radionuclide Production Cross Section



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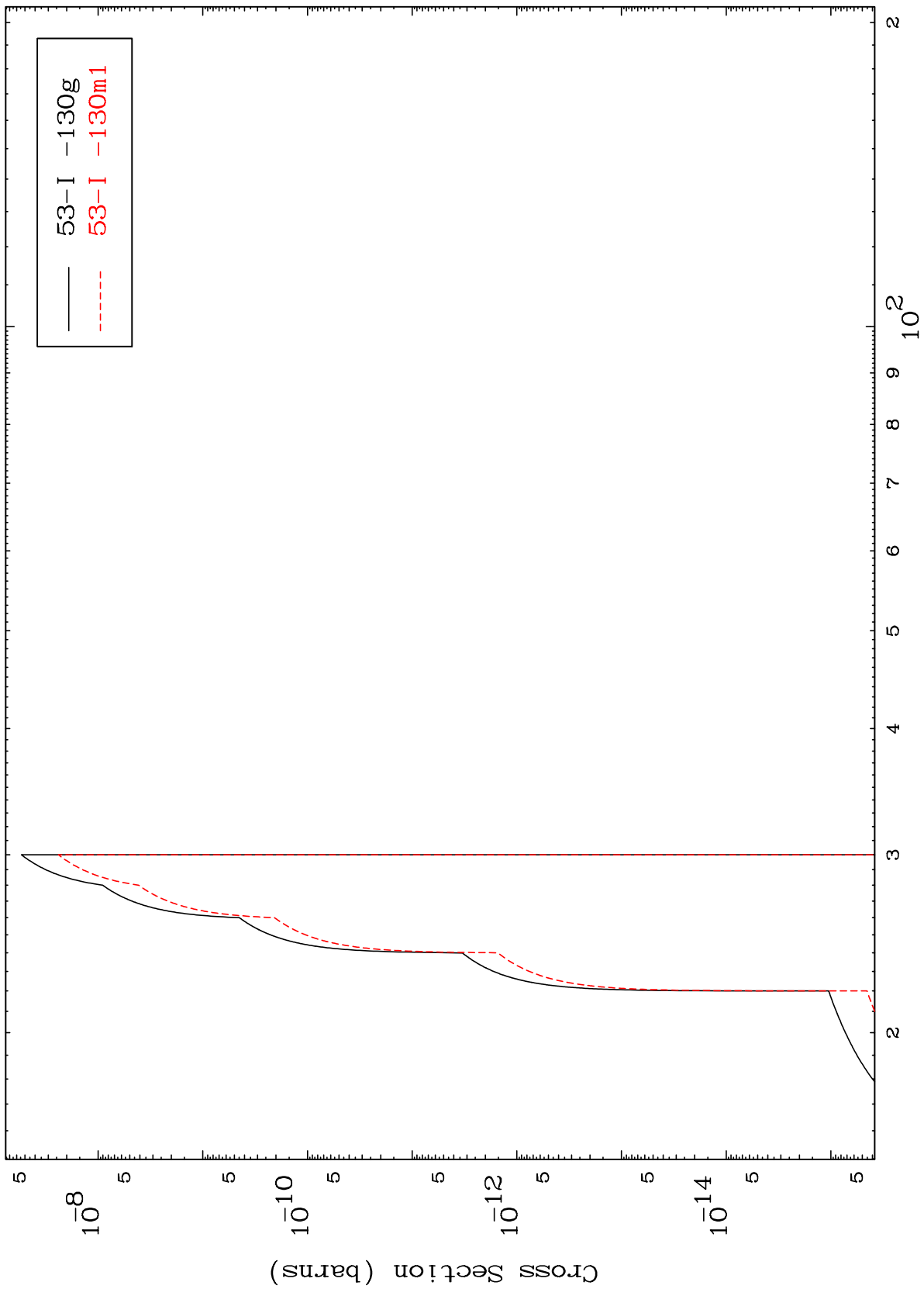
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

(n,p) t
Radionuclide Production Cross Section



23

Incident Energy (MeV)

54-Xe-133m