

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

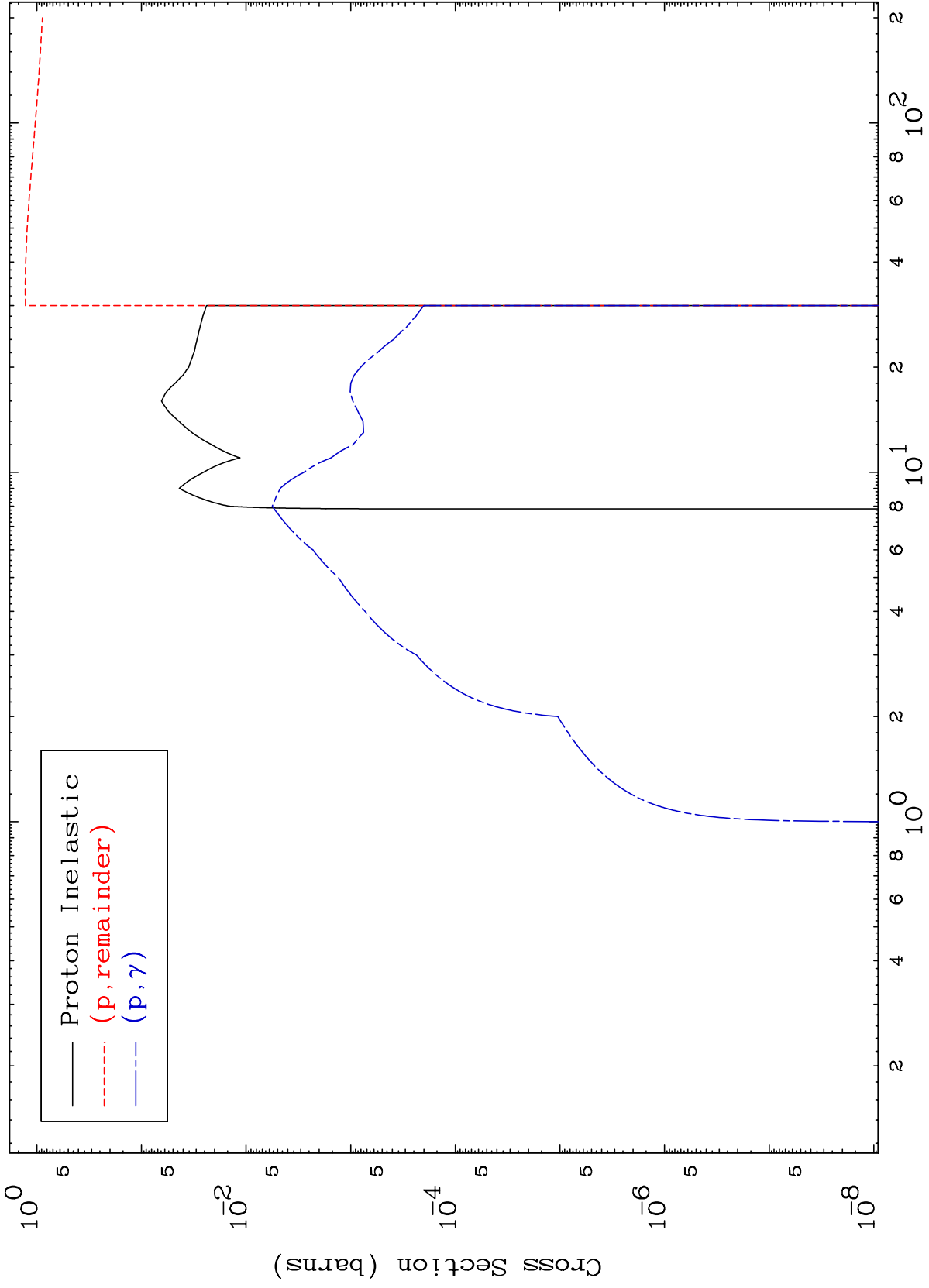
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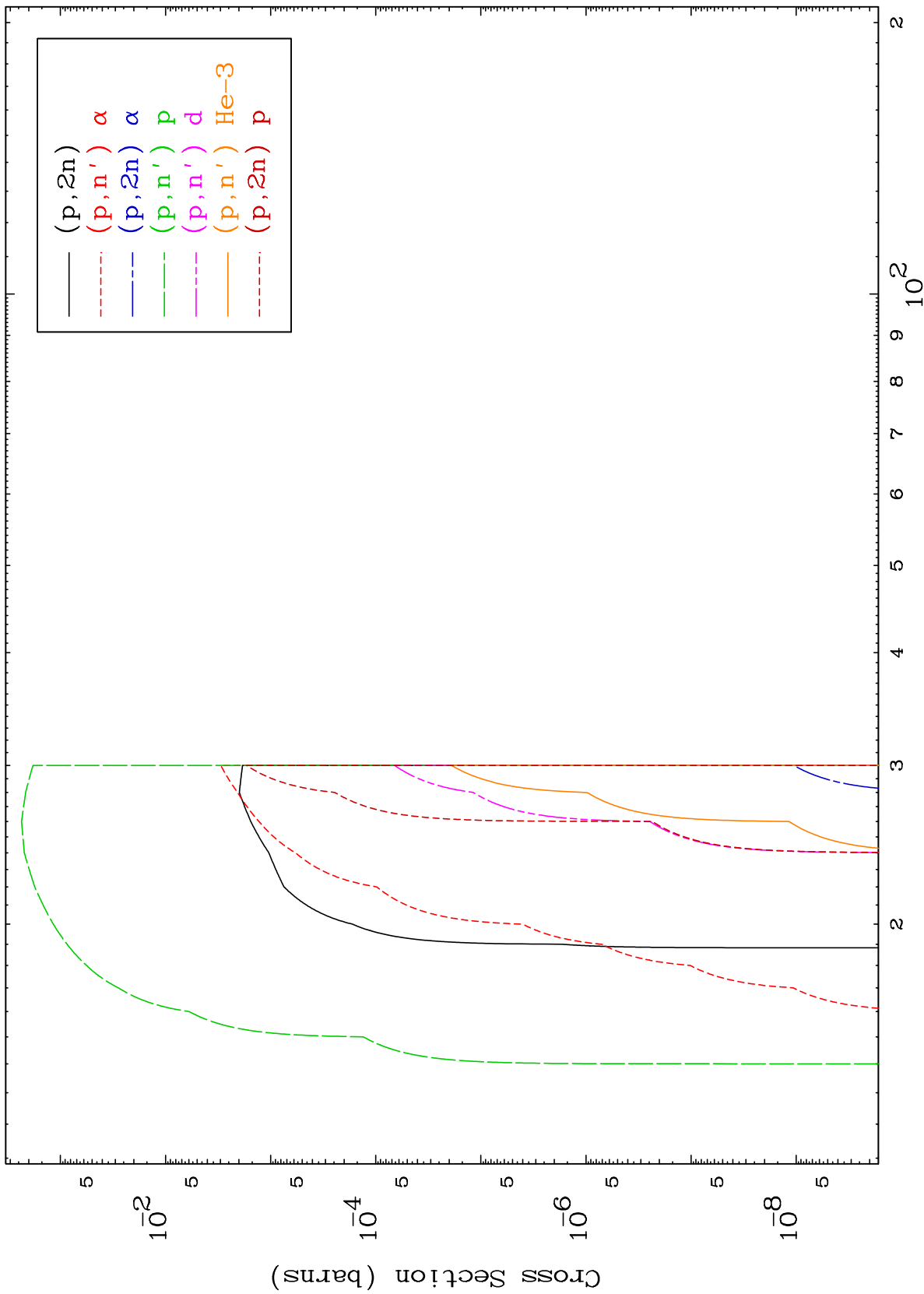
E.Mail:redcullen1@comcast.net

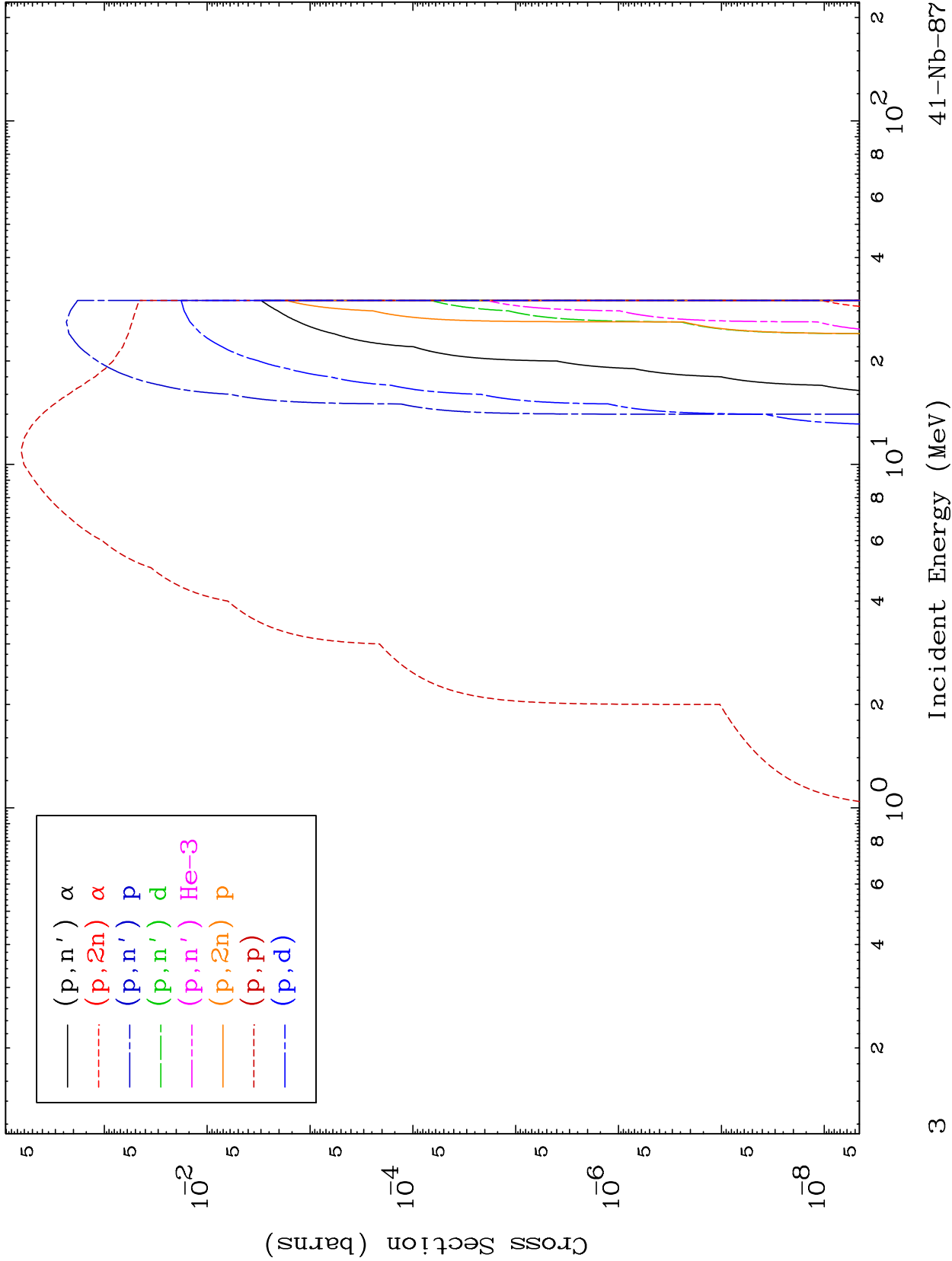
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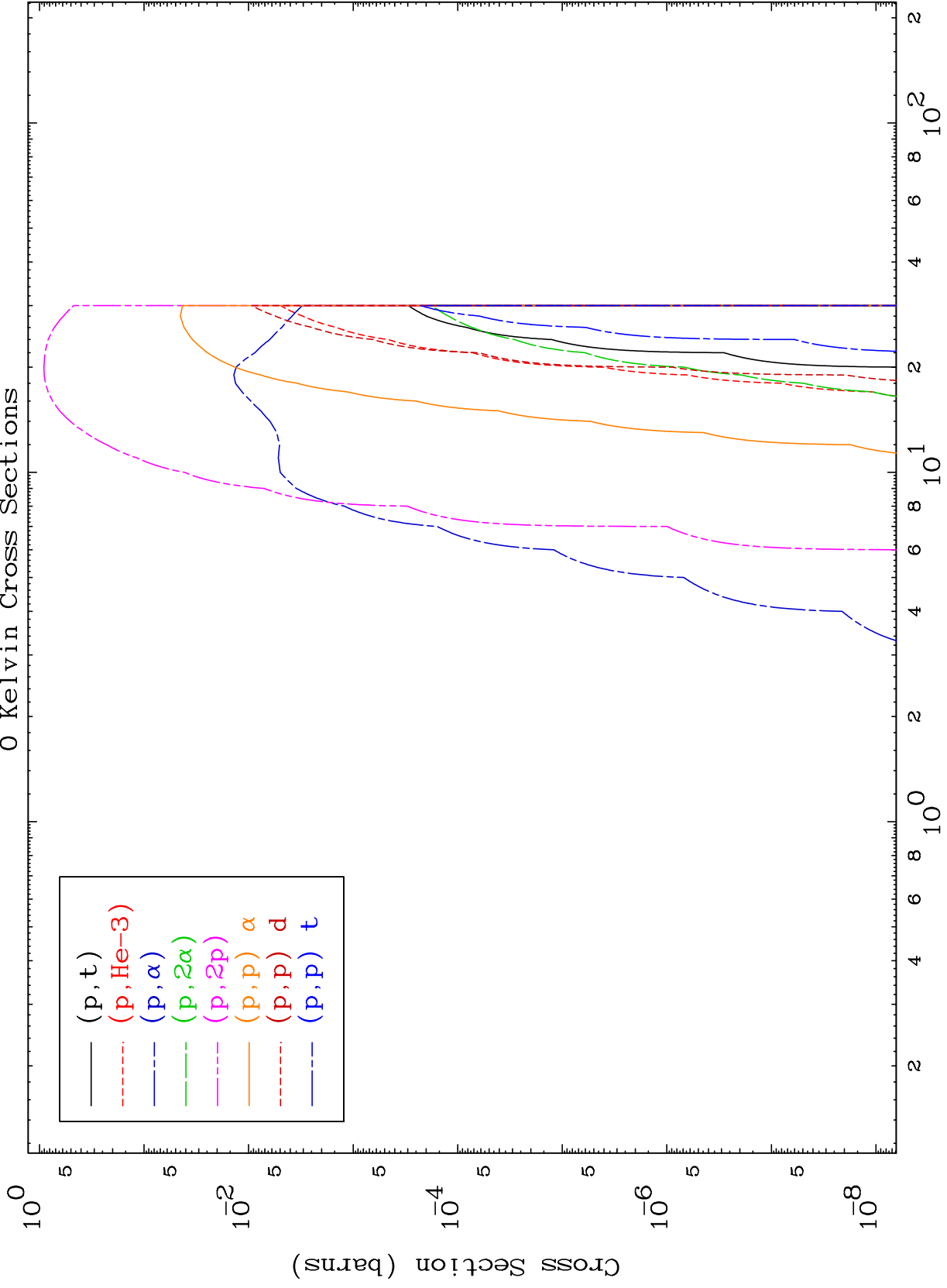
Press Mouse Button to Start



— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)



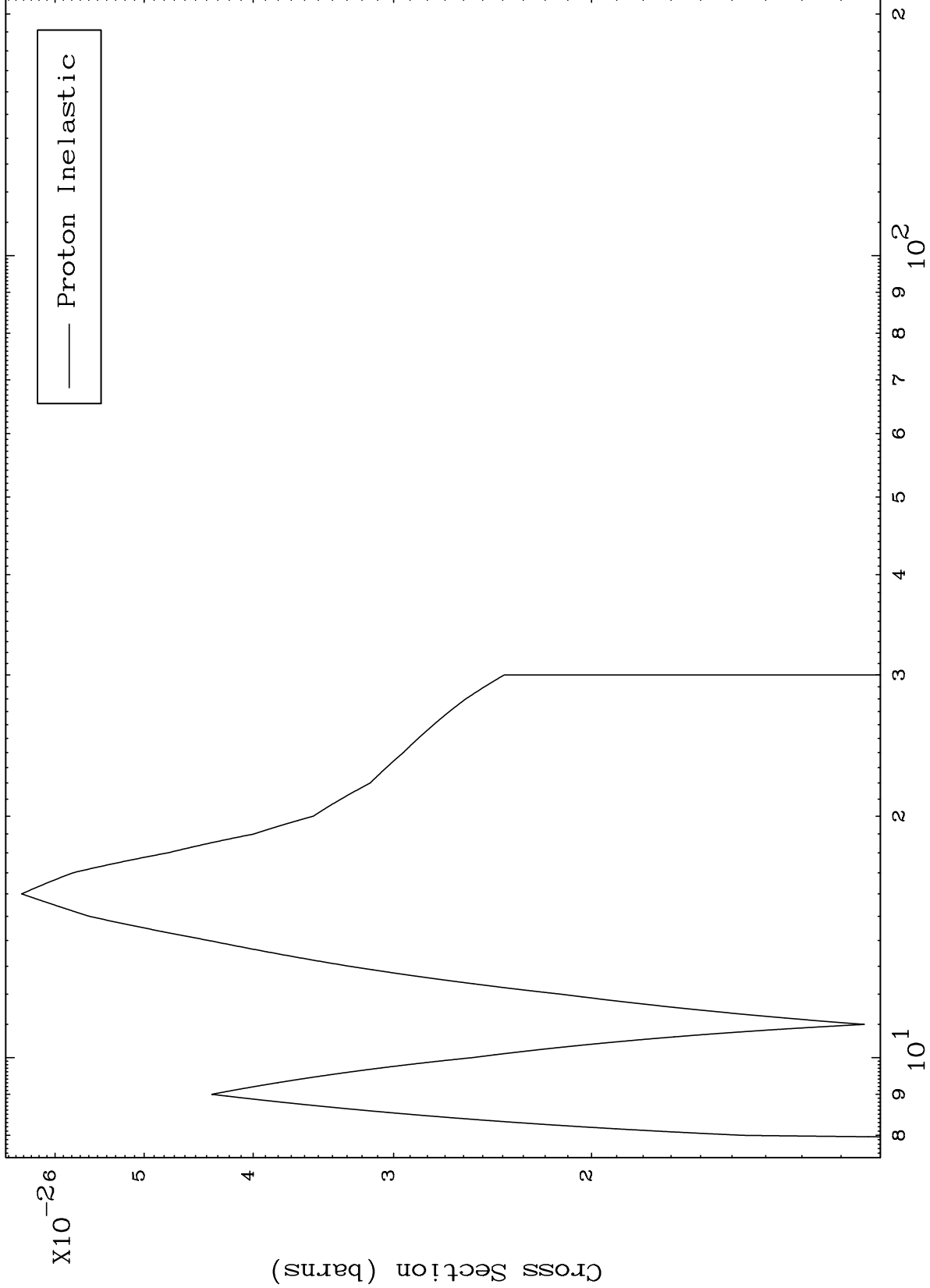




MAT 4108

(p,n') Level
0 Kelvin Cross Sections

41-Nb-87



X10⁻²⁶

Cross Section (barns)

— Proton Inelastic

5

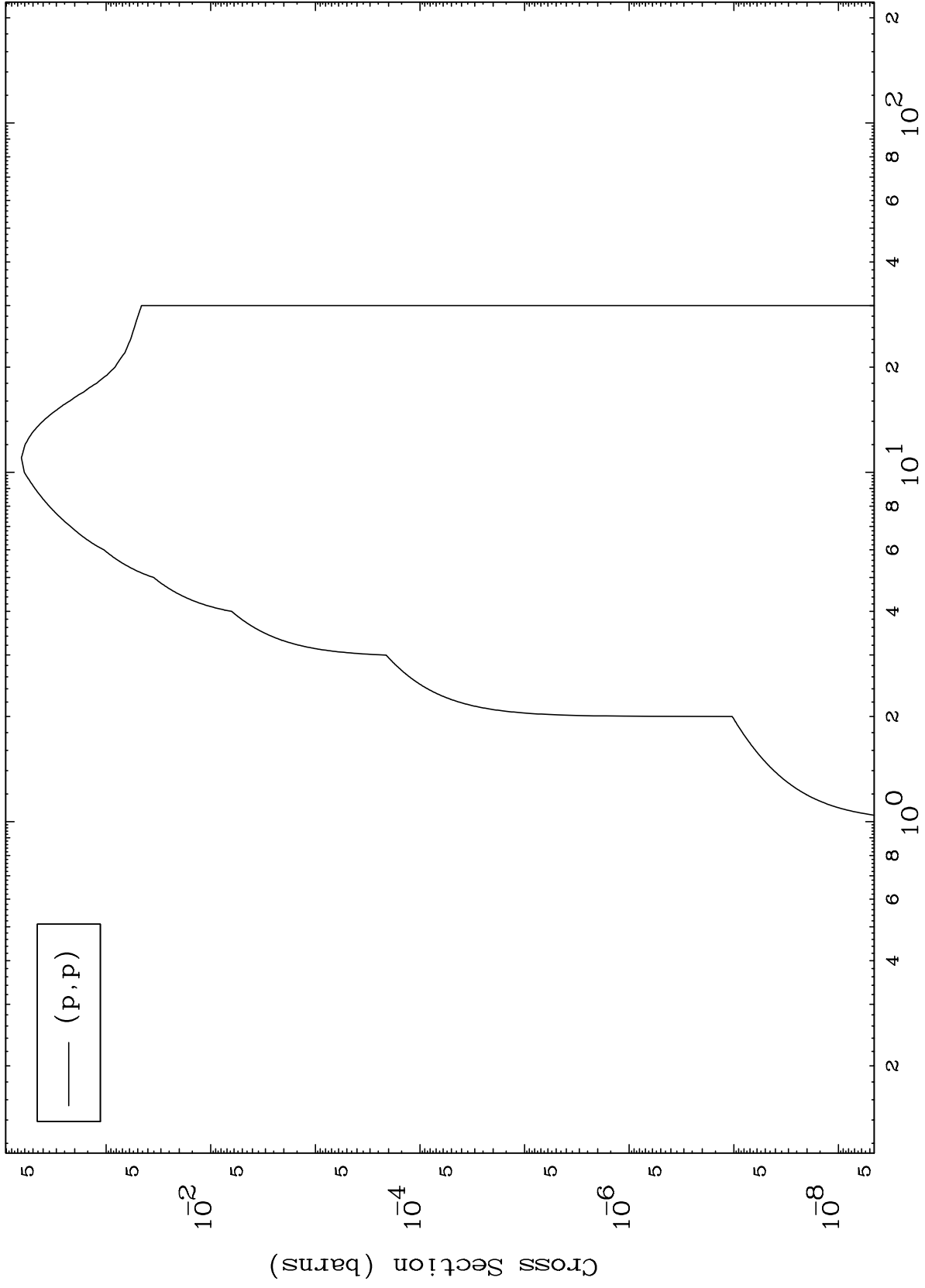
Incident Energy (MeV)

41-Nb-87

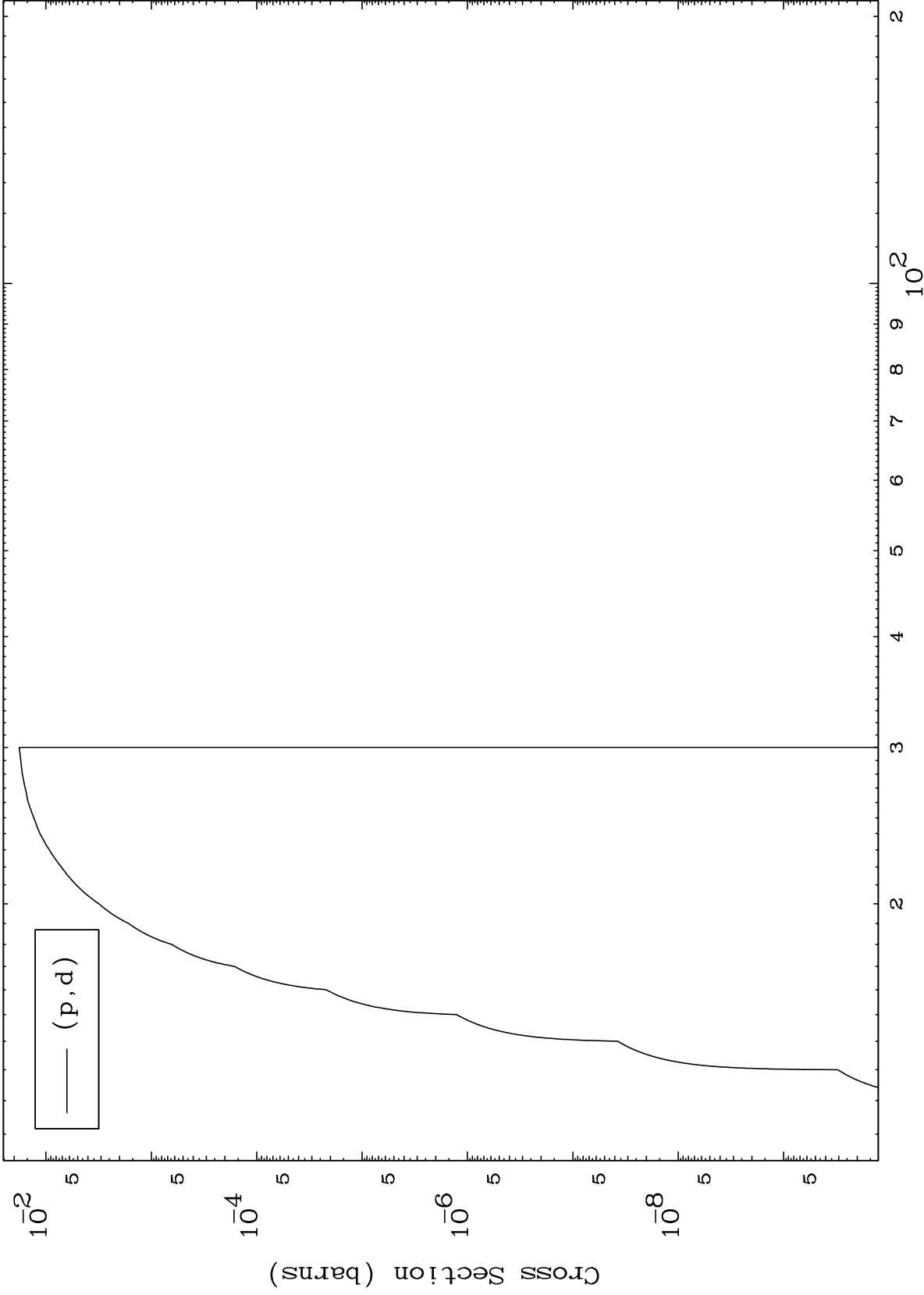
MAT 4108

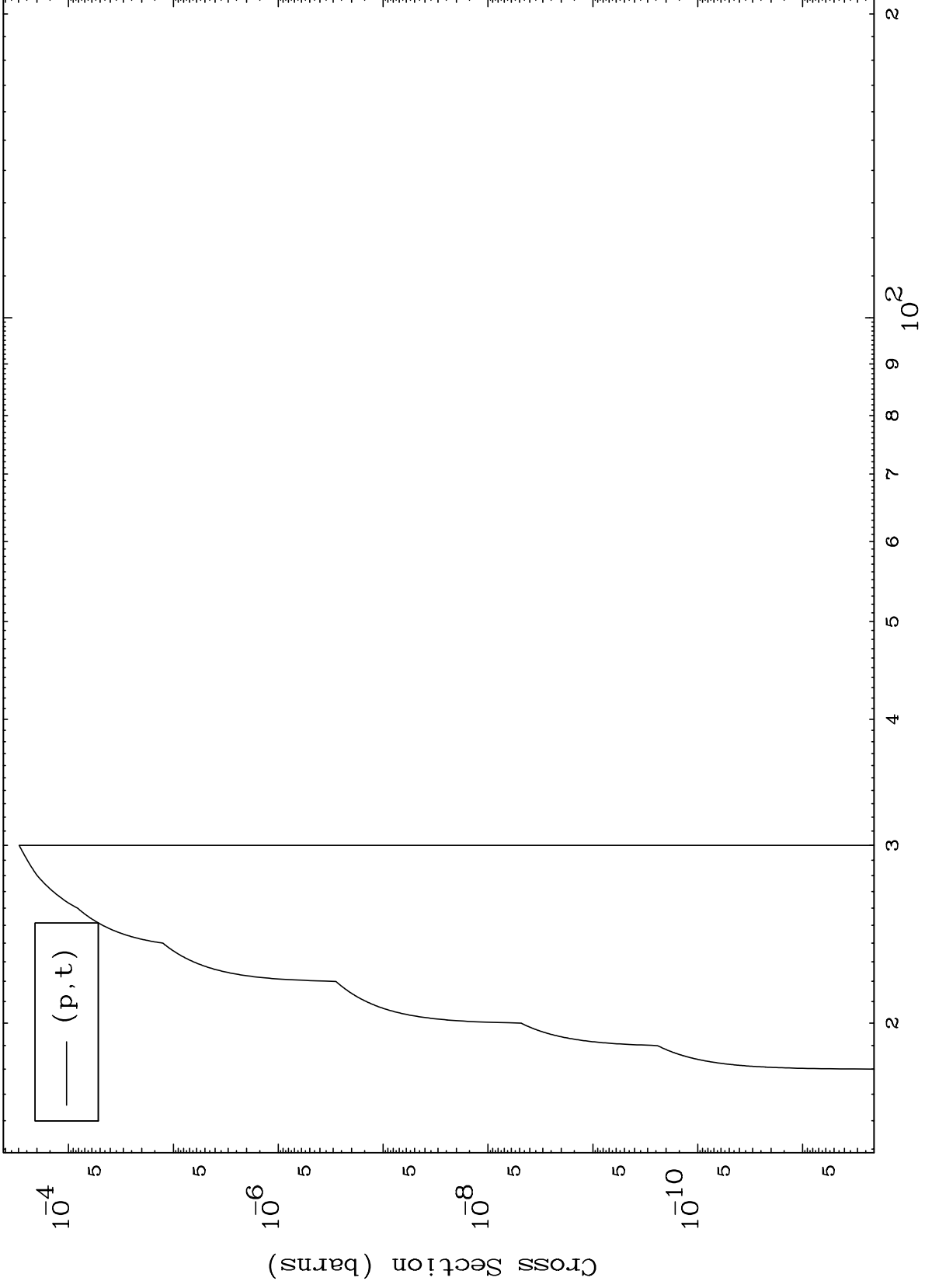
(p,p) Levels
0 Kelvin Cross Sections

41-Nb-87



(p,p)

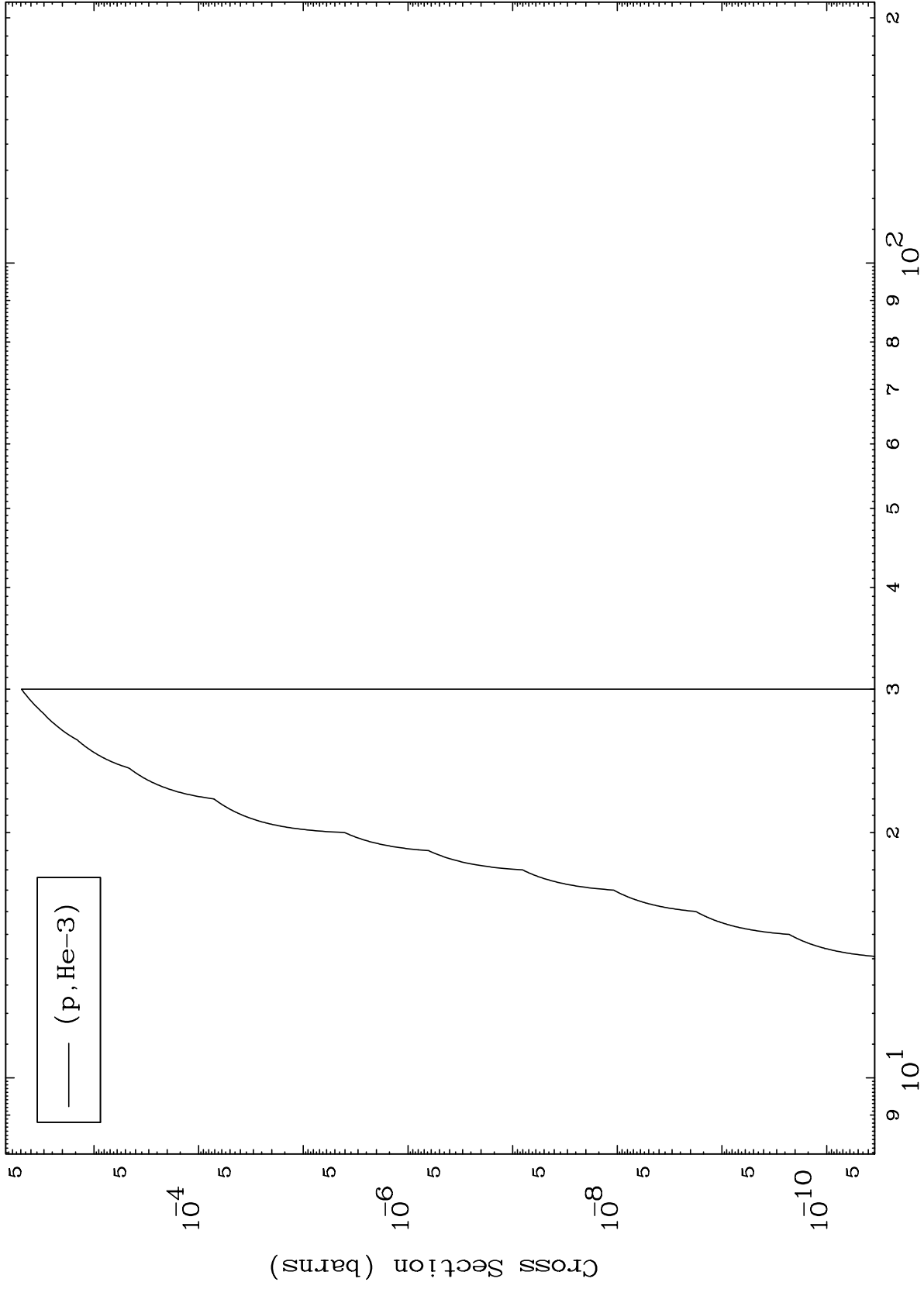




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(p,He3) Levels
0 Kelvin Cross Sections

41-Nb-87



9

Incident Energy (MeV)

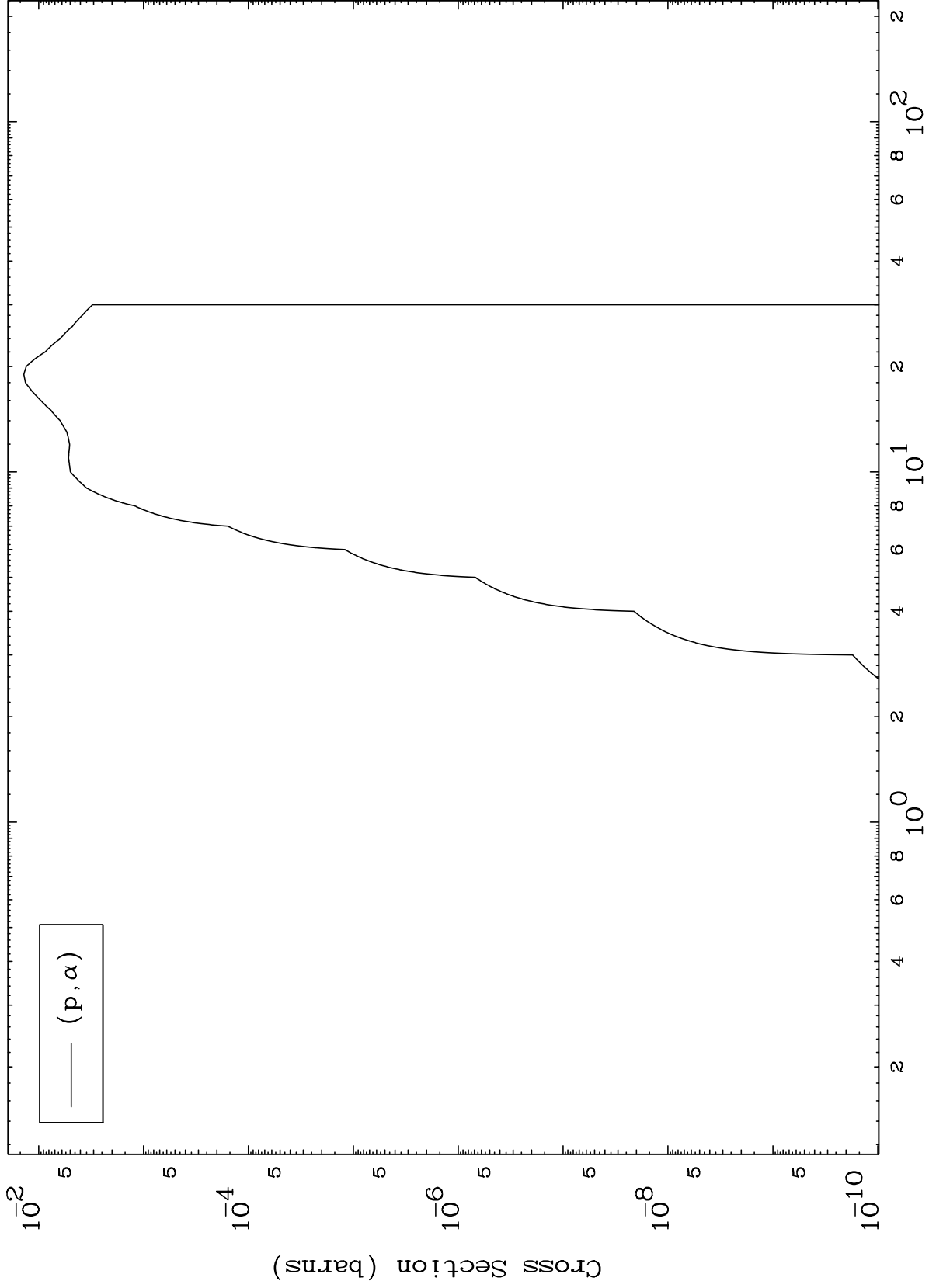
41-Nb-87

MAT 4108

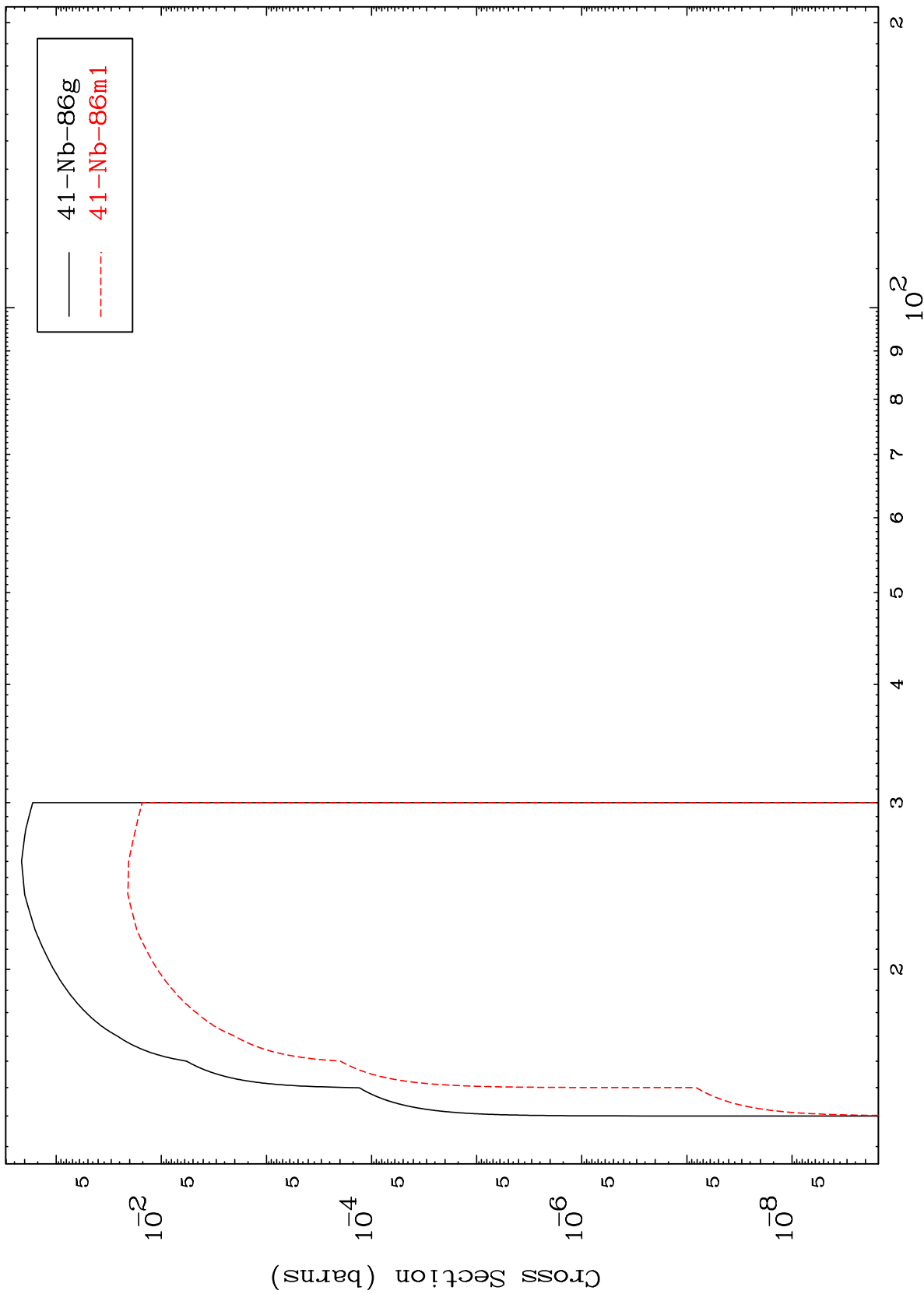
(p, α) Levels

41-Nb-87

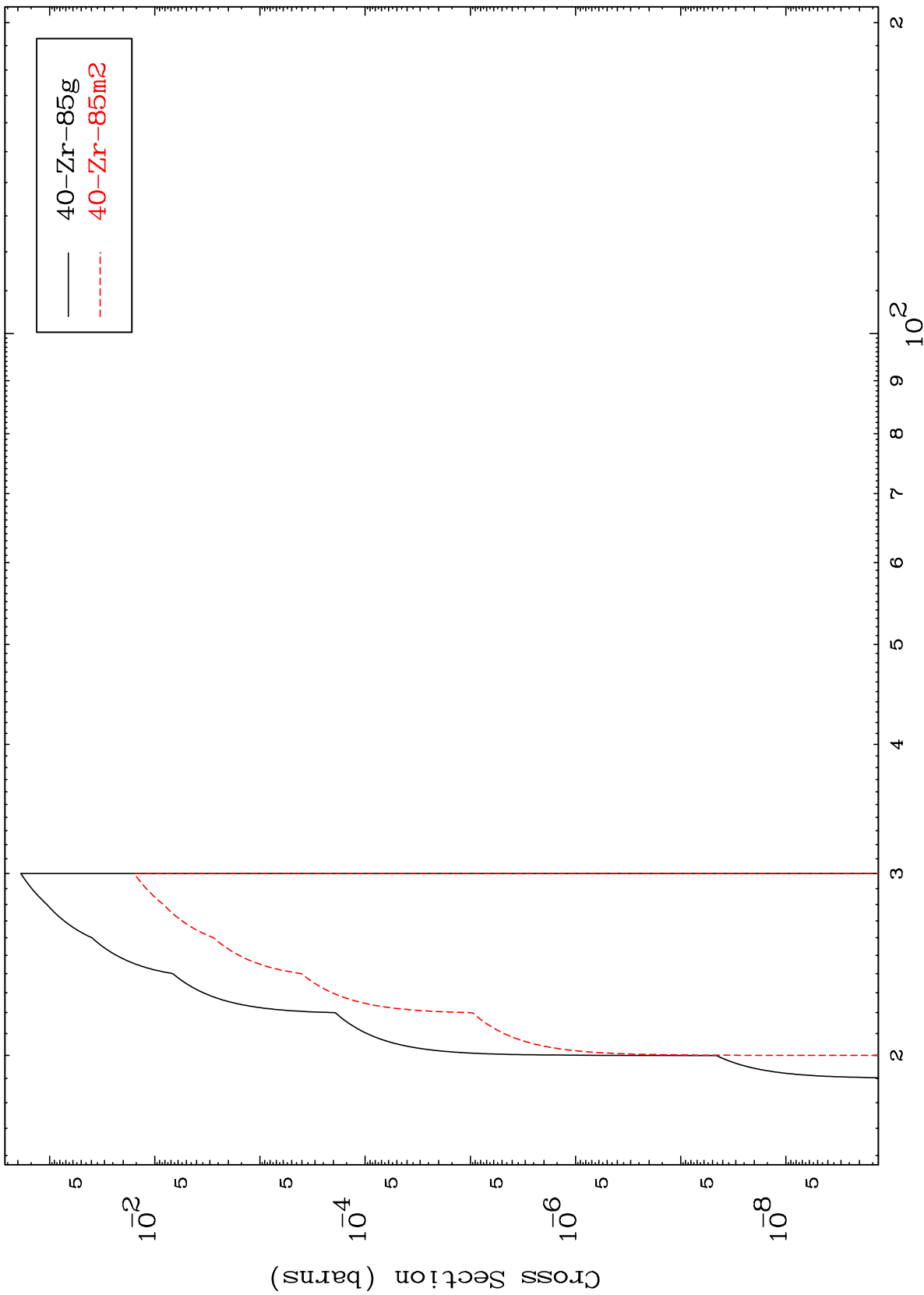
0 Kelvin Cross Sections



Radionuclide Production Cross Section



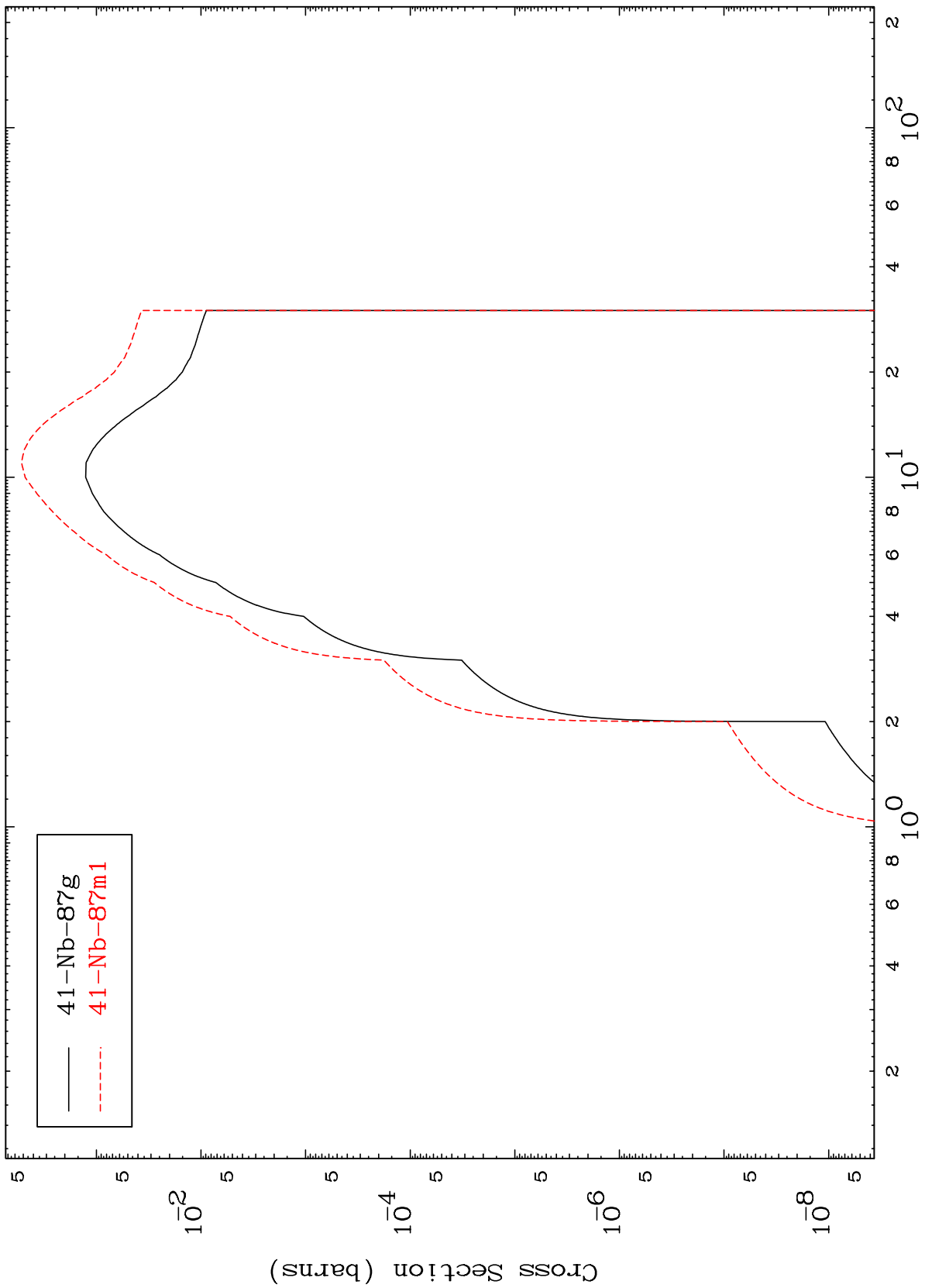
Radionuclide Production Cross Section



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41-Nb-87

(p,p)
Radionuclide Production Cross Section



— 41-Nb-87g
- - - 41-Nb-87m1

41-Nb-87

Incident Energy (MeV)

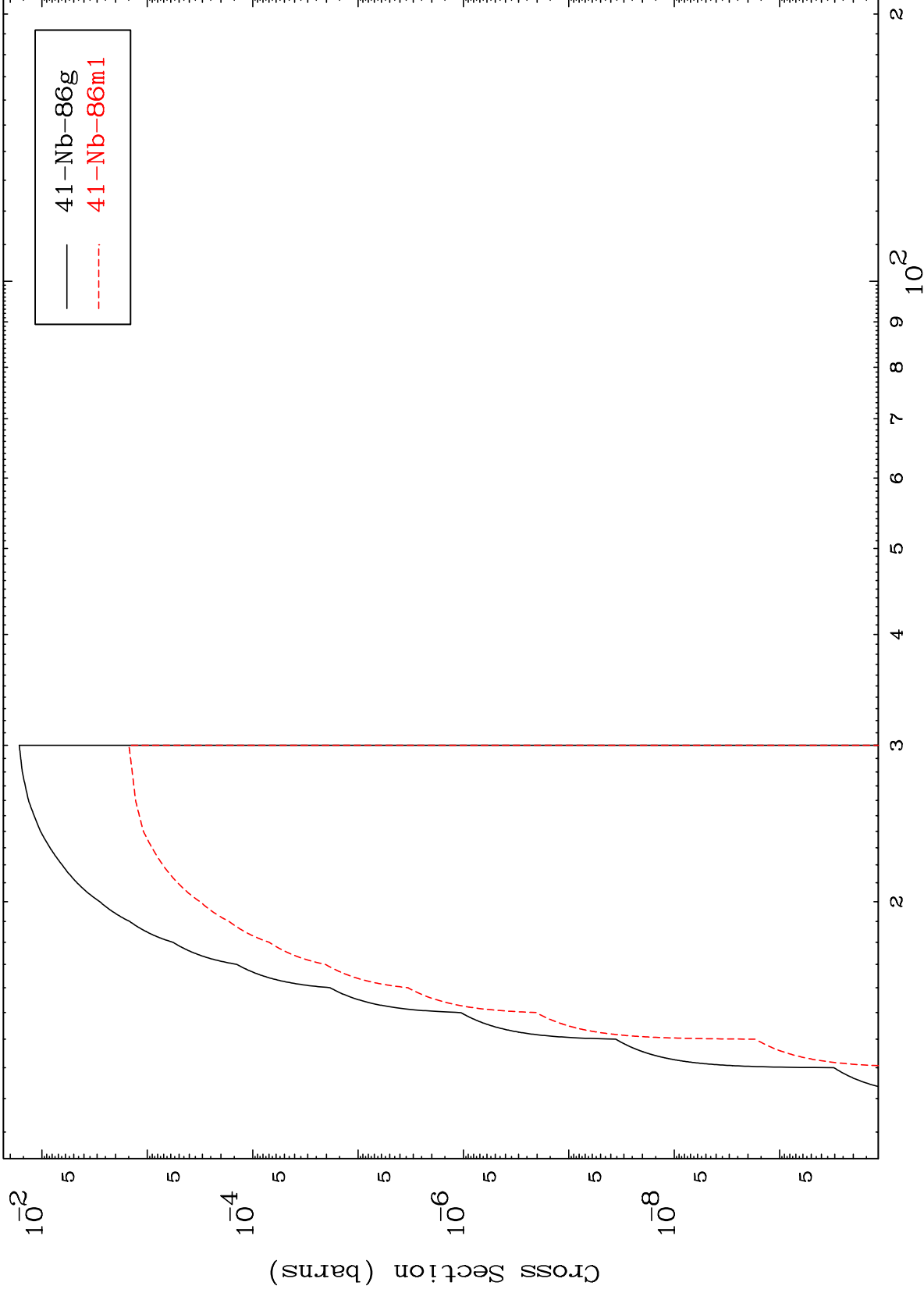
13

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(p,d)

41-Nb-87

Radionuclide Production Cross Section



14

Incident Energy (MeV)

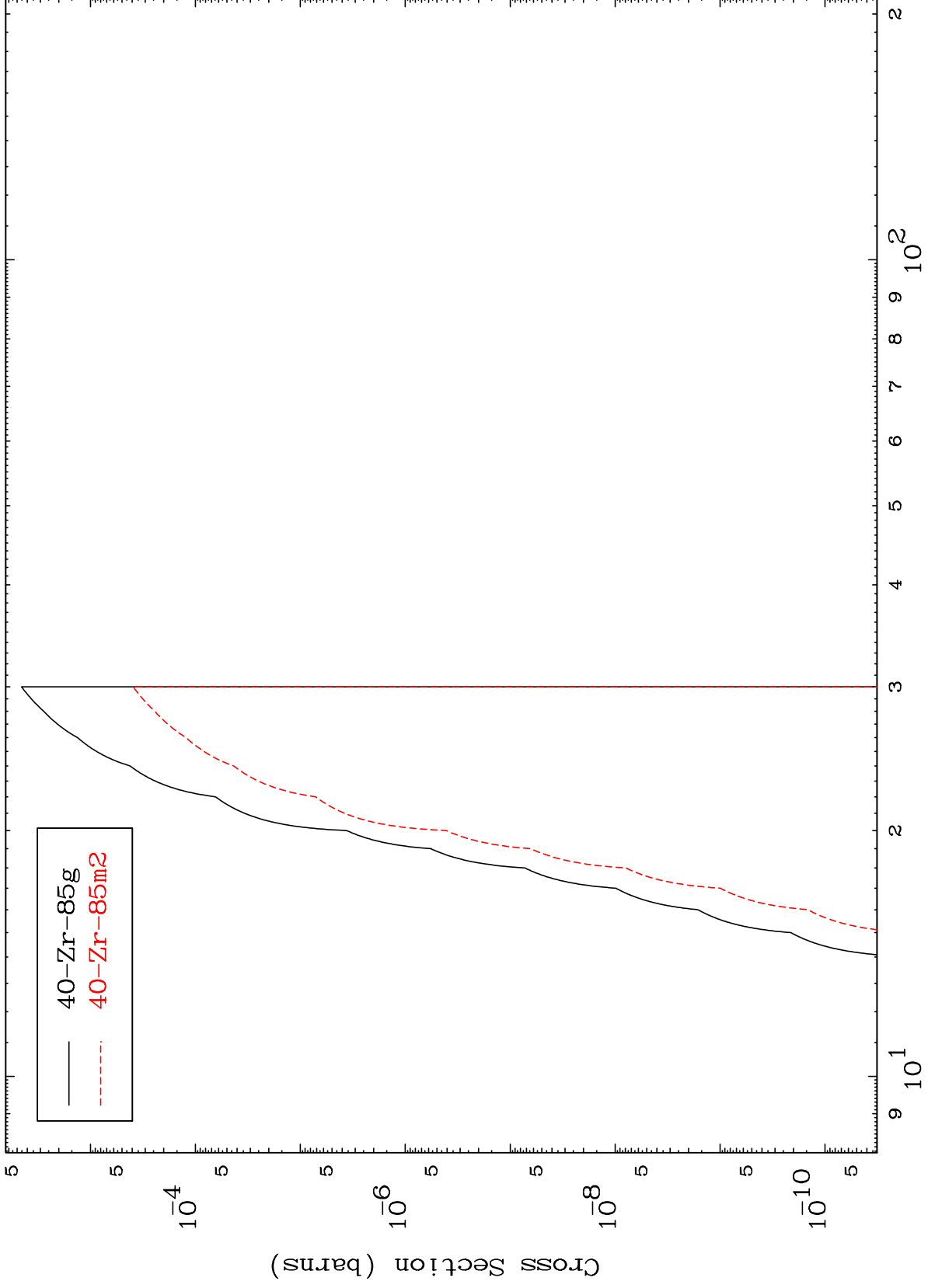
41-Nb-87

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(p,He-3)

41-Nb-87

Radionuclide Production Cross Section



40-Zr-85g
40-Zr-85m2

15

Incident Energy (MeV)

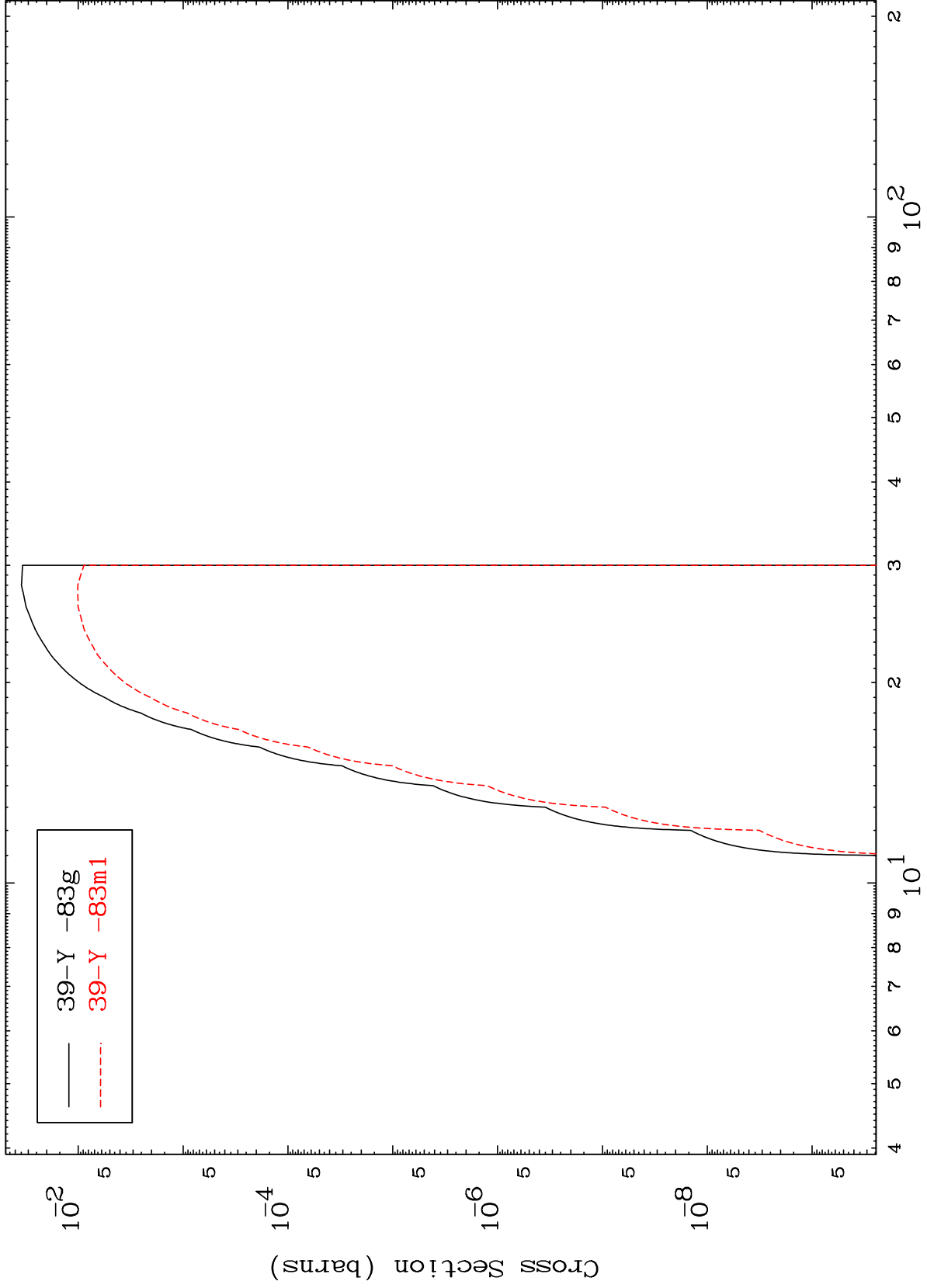
41-Nb-87

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(p,p) α

41-Nb-87

Radionuclide Production Cross Section



16

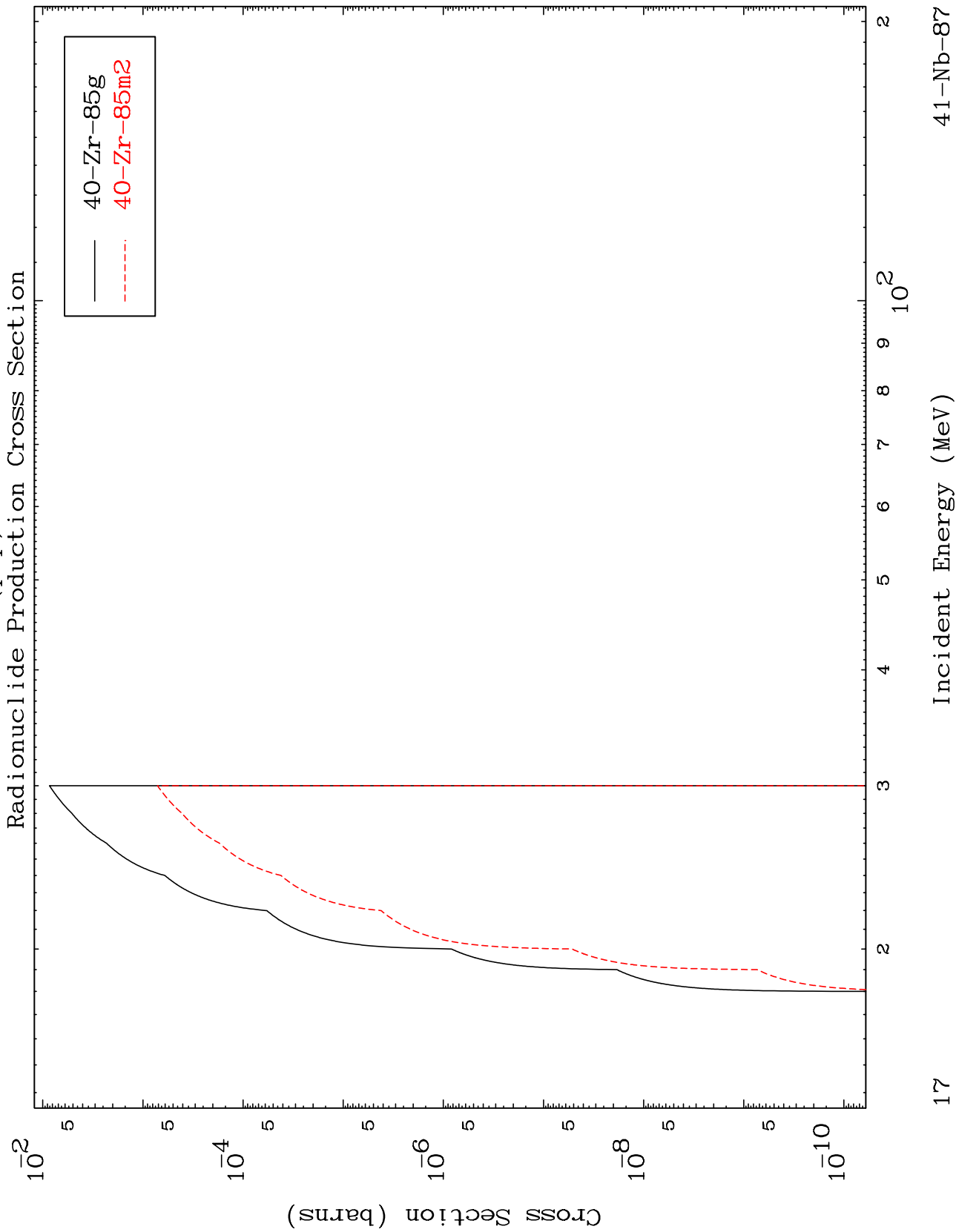
Incident Energy (MeV)

41-Nb-87

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(p,p) d

41-Nb-87



17

41-Nb-87