

Program EVALPLOT
(Version 2021-1)

by

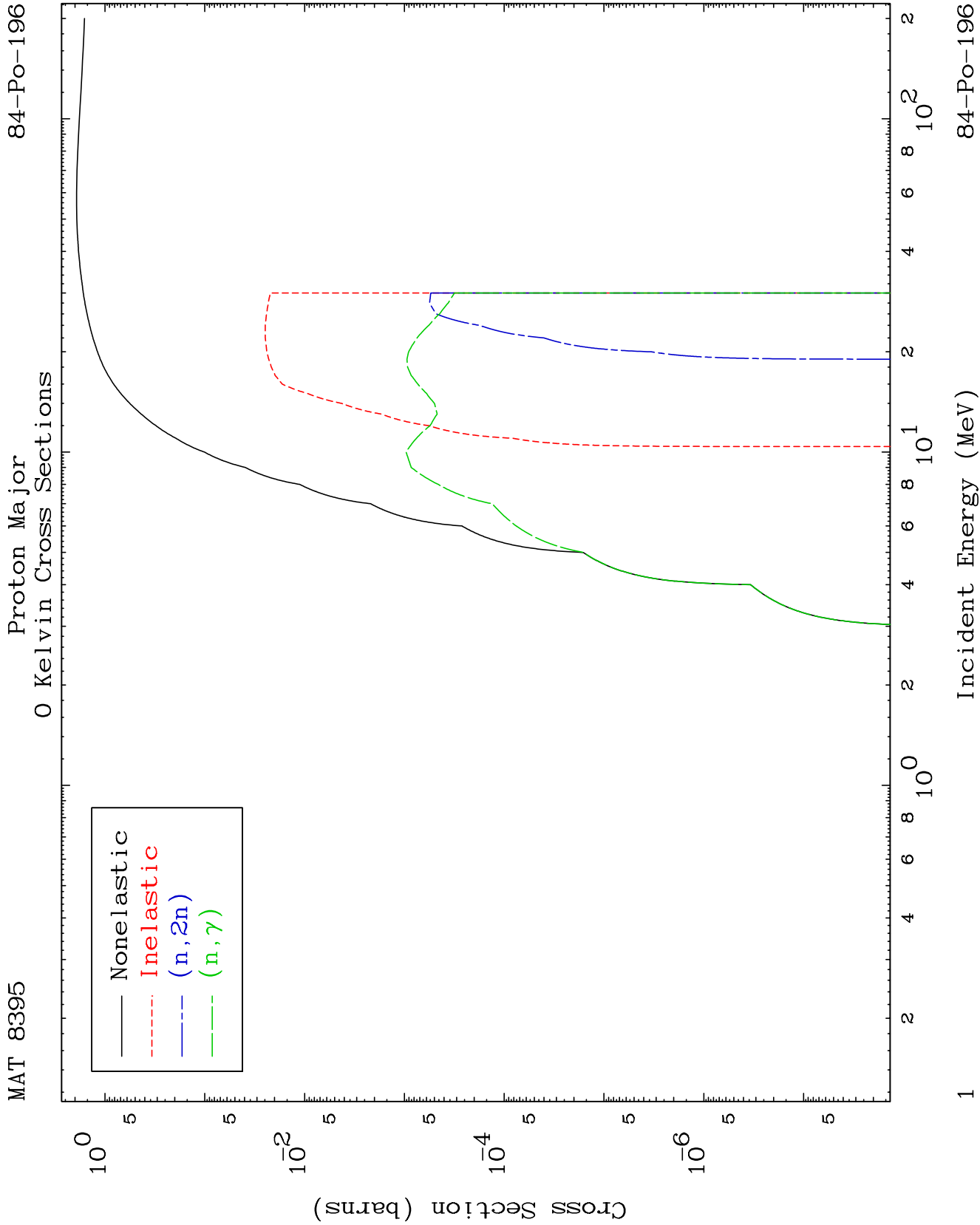
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

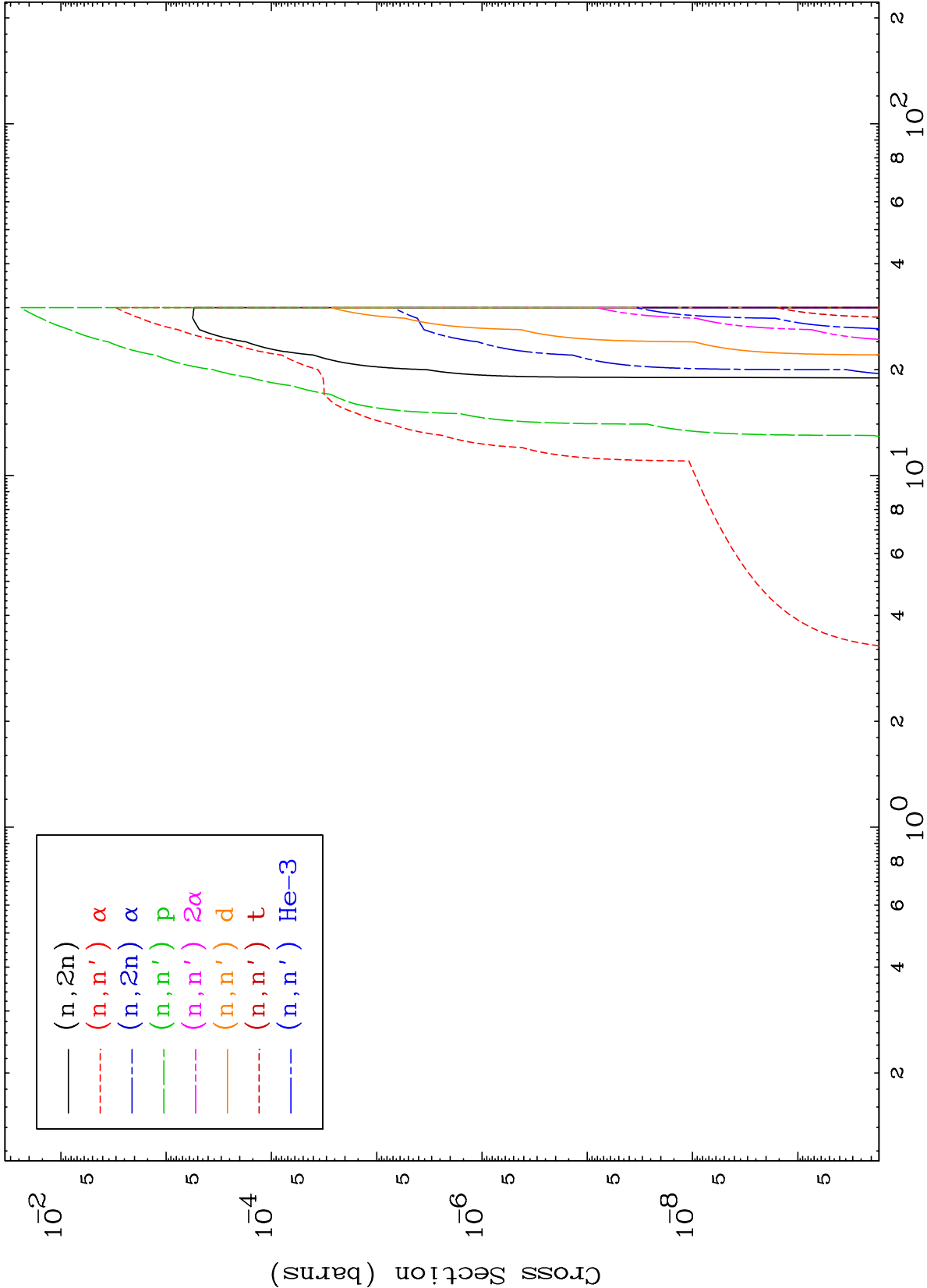
Press Mouse Button to Start

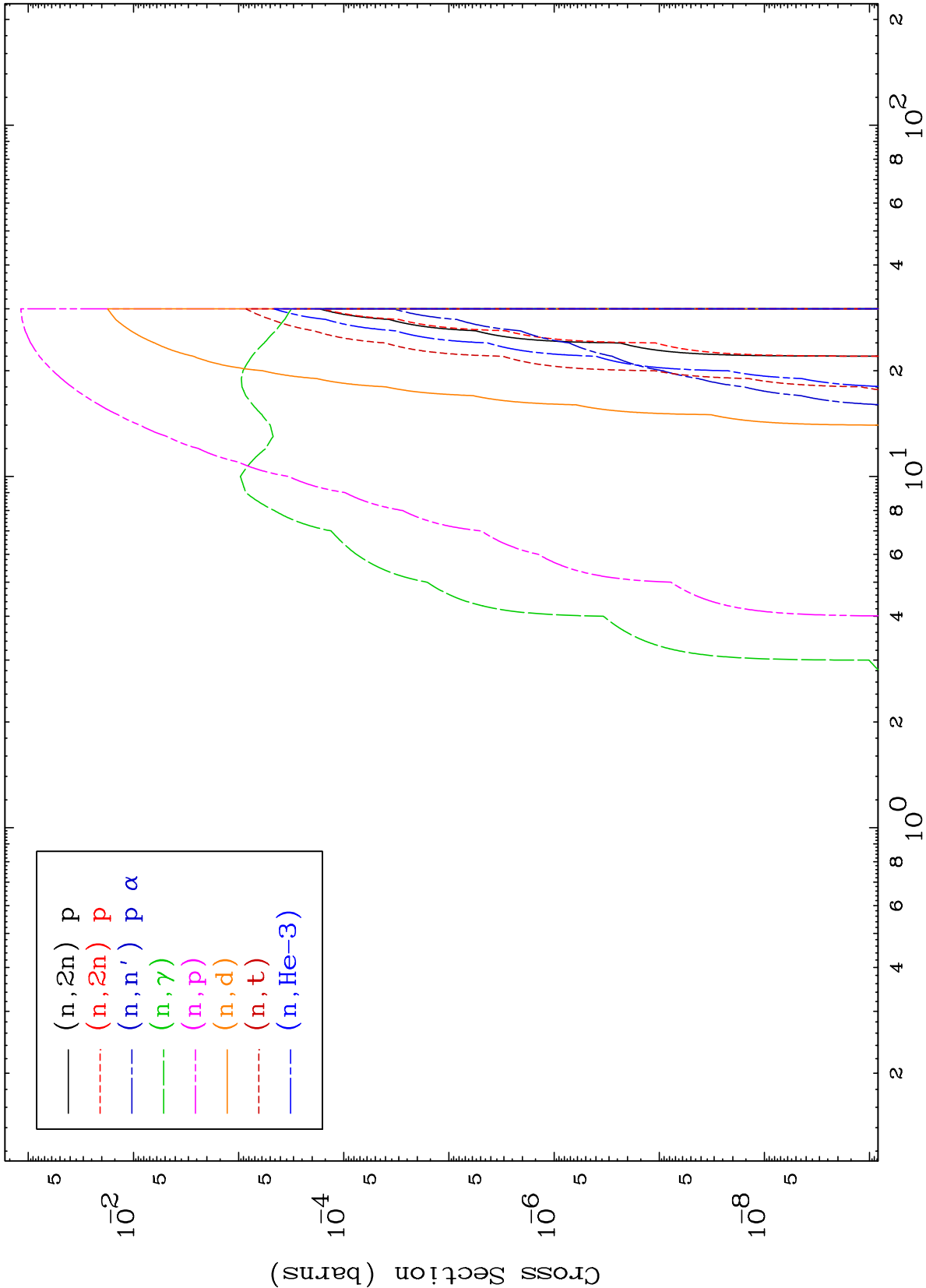


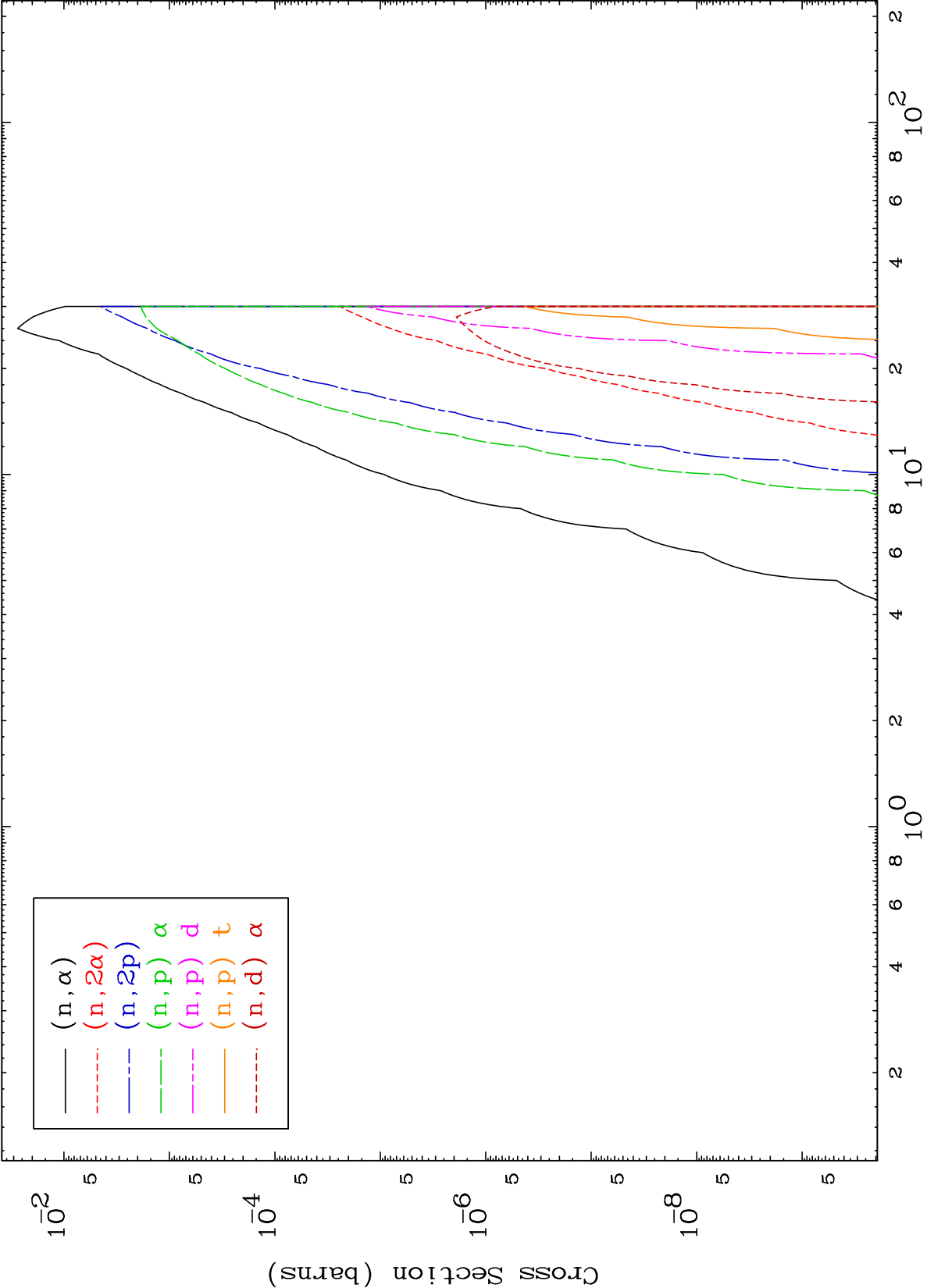
MAT 8395

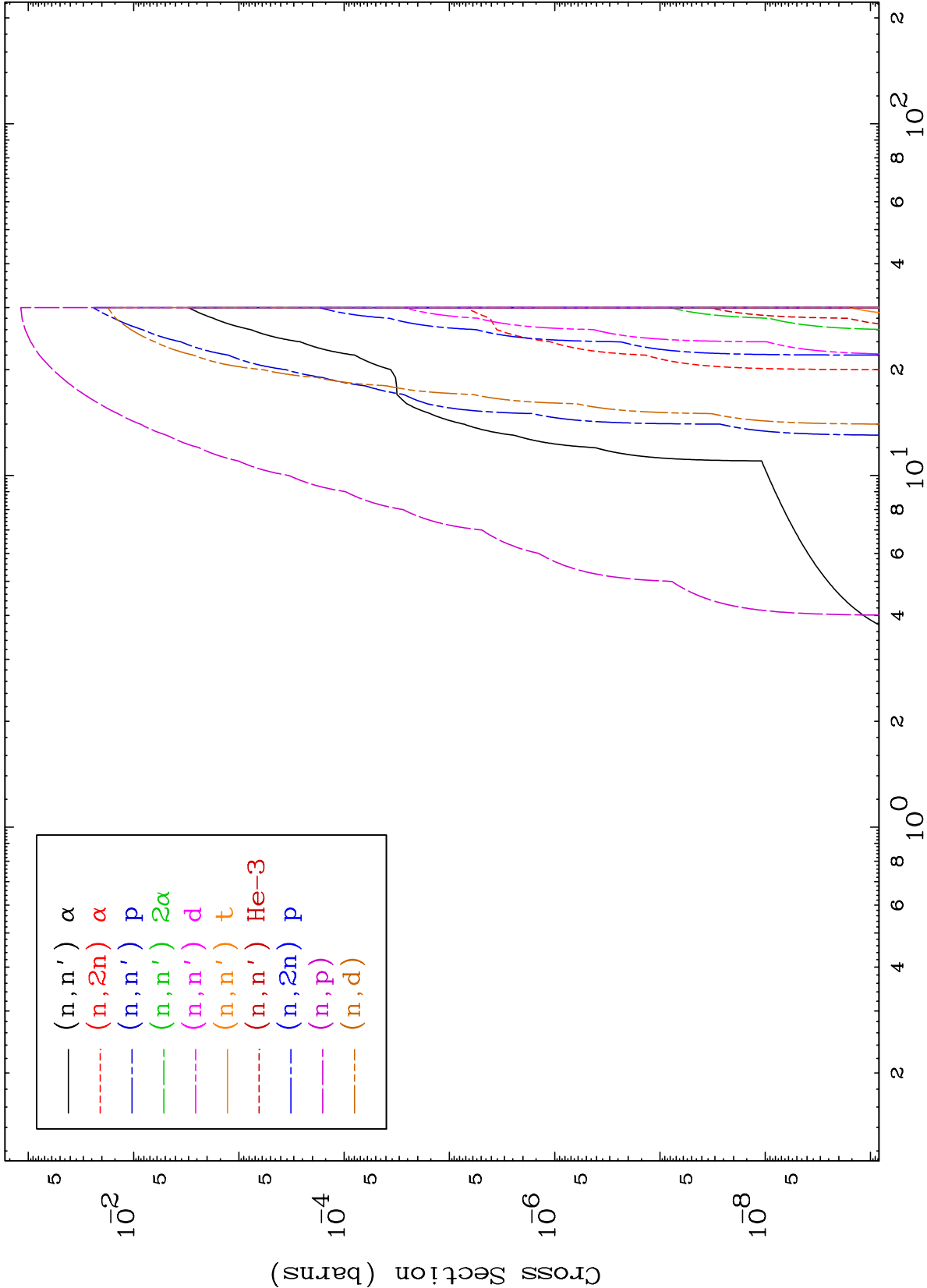
Proton Neutron Absorption
0 Kelvin Cross Sections

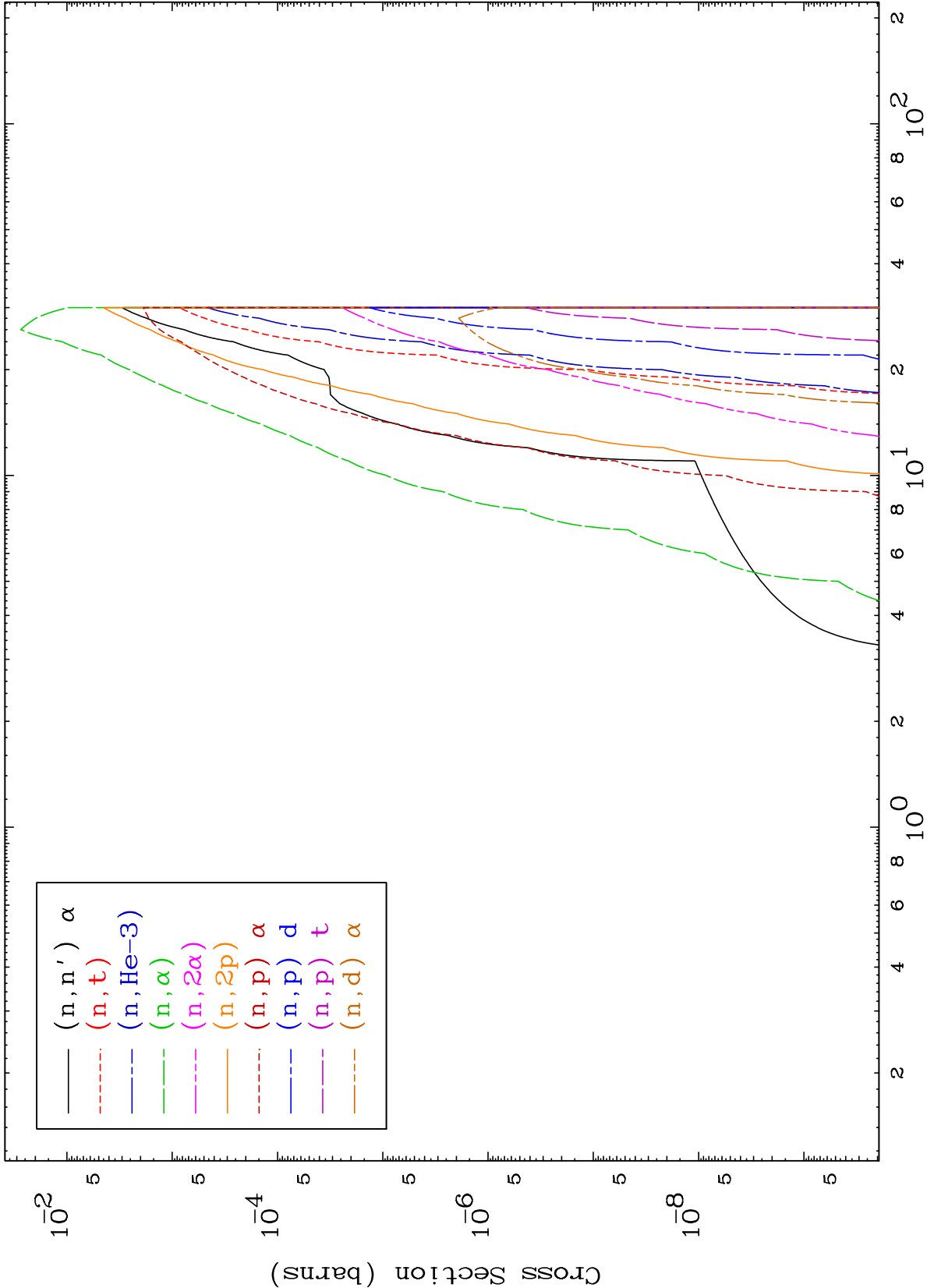
84-Po-196







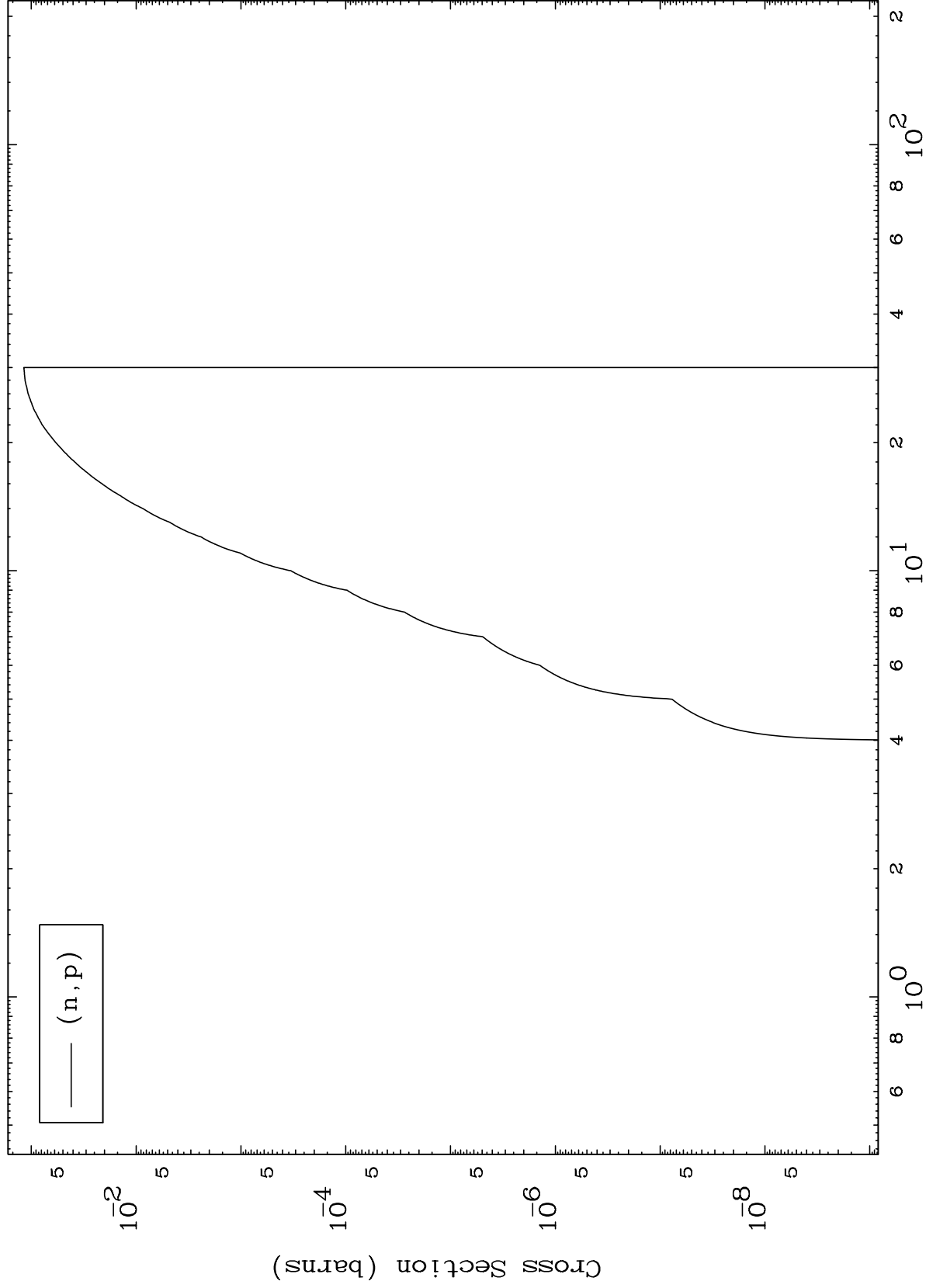




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84-Po-196

(p,p) Levels
0 Kelvin Cross Sections



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Incident Energy (MeV)

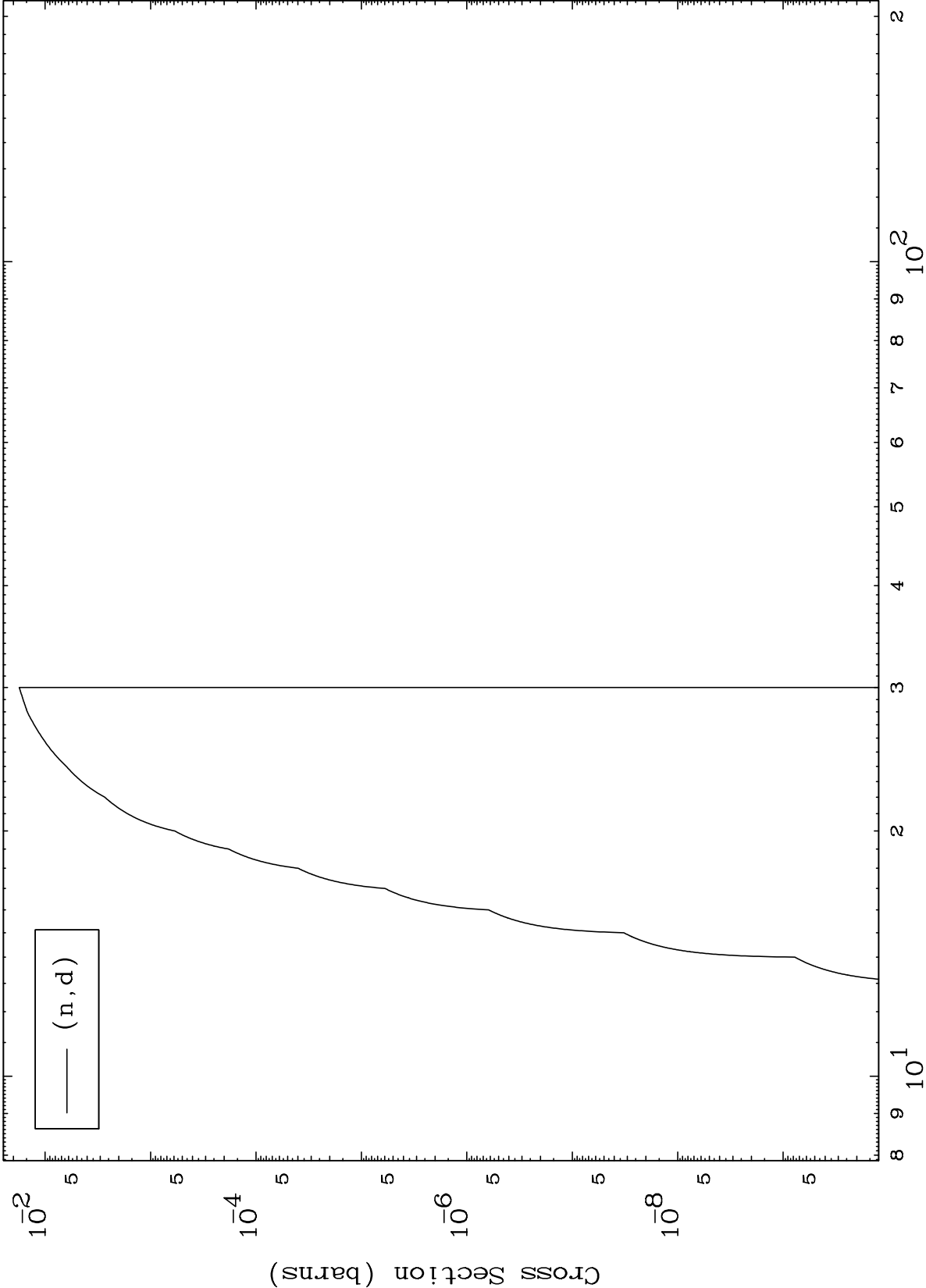
84-Po-196

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(p,d) Levels

84-Po-196

0 Kelvin Cross Sections



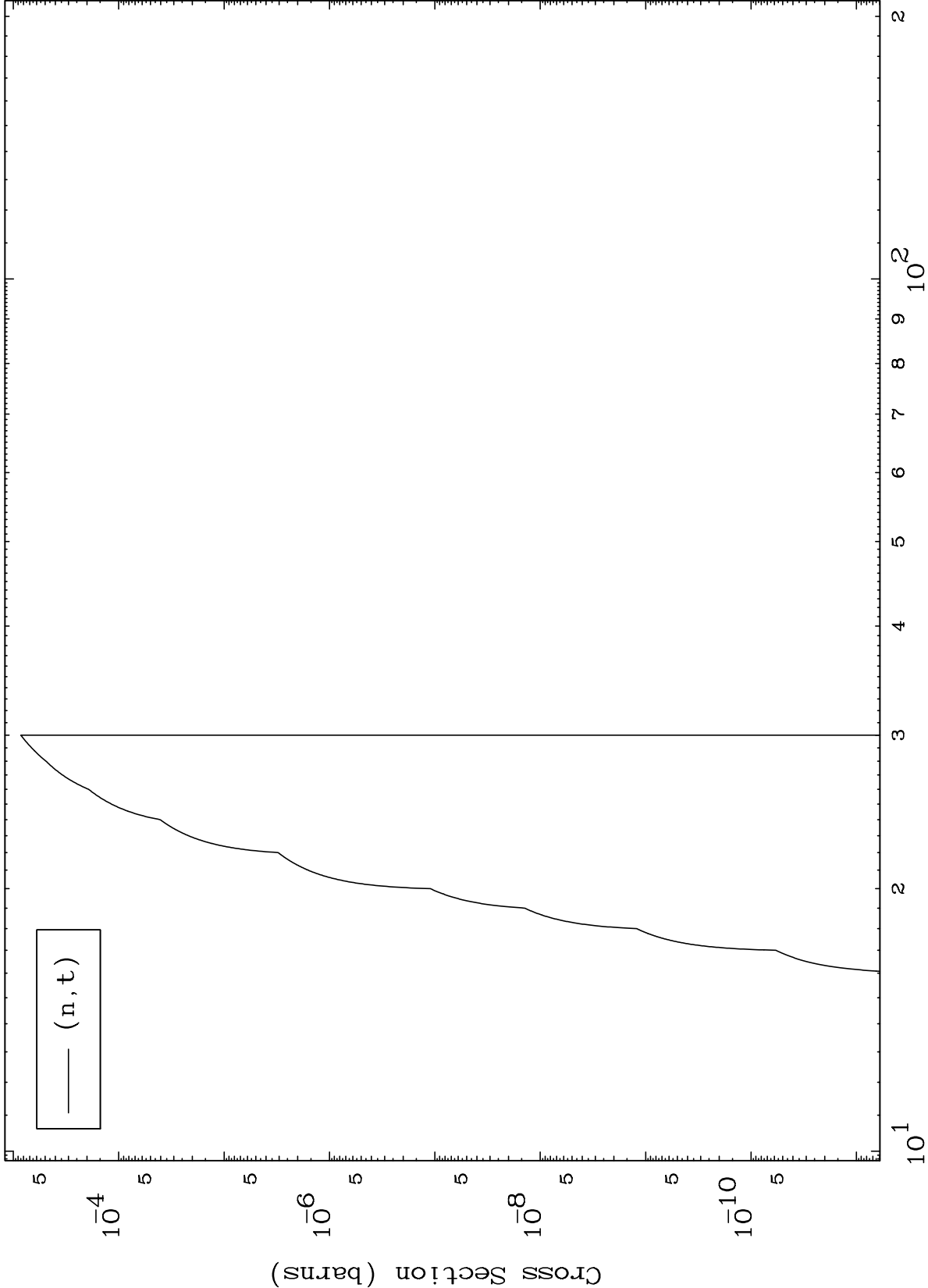
Incident Energy (MeV)

84-Po-196

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(p,t) Levels
0 Kelvin Cross Sections

84-Po-196



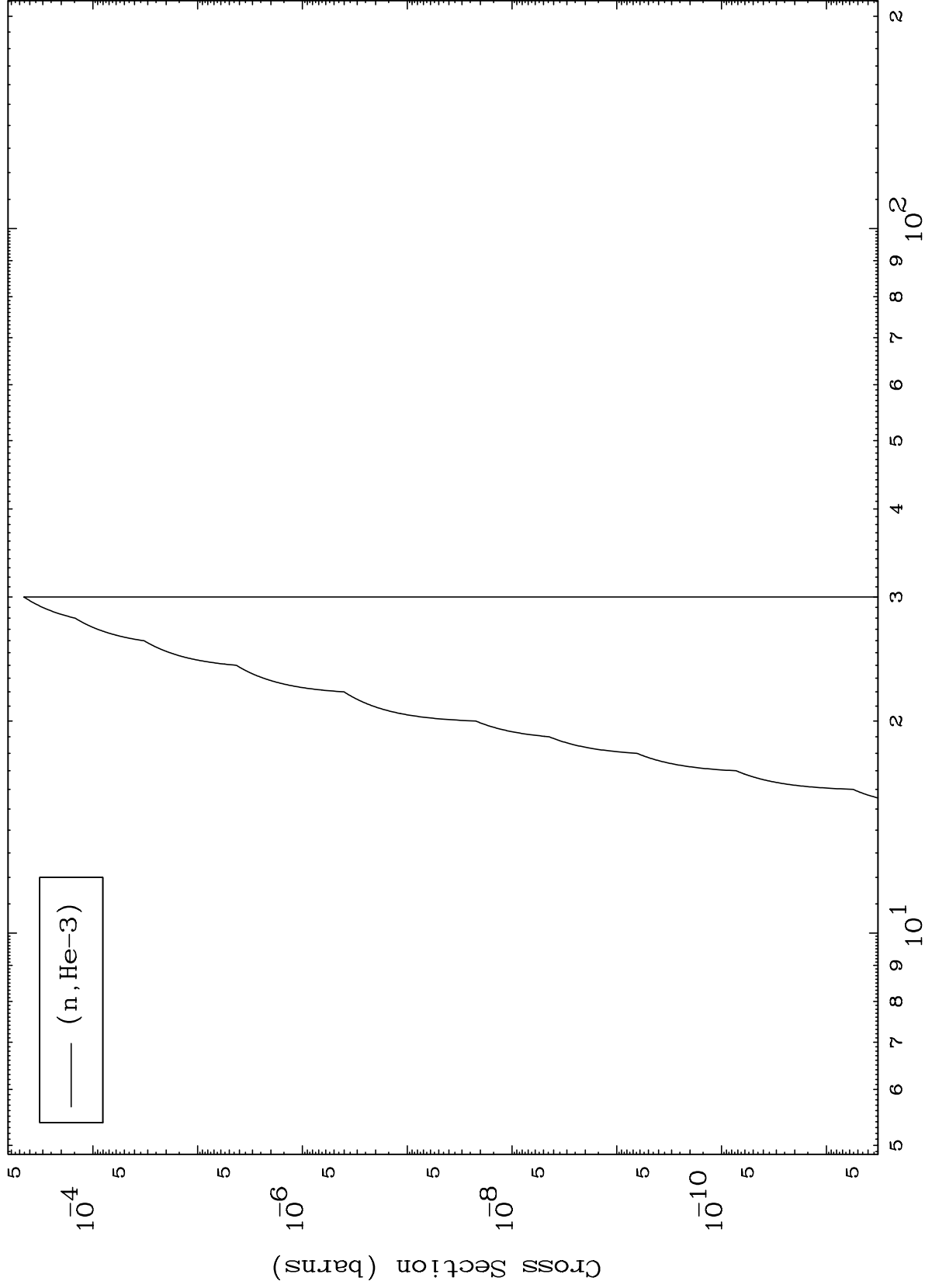
Incident Energy (MeV)

84-Po-196

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84-Po-196

(p,He3) Levels
0 Kelvin Cross Sections



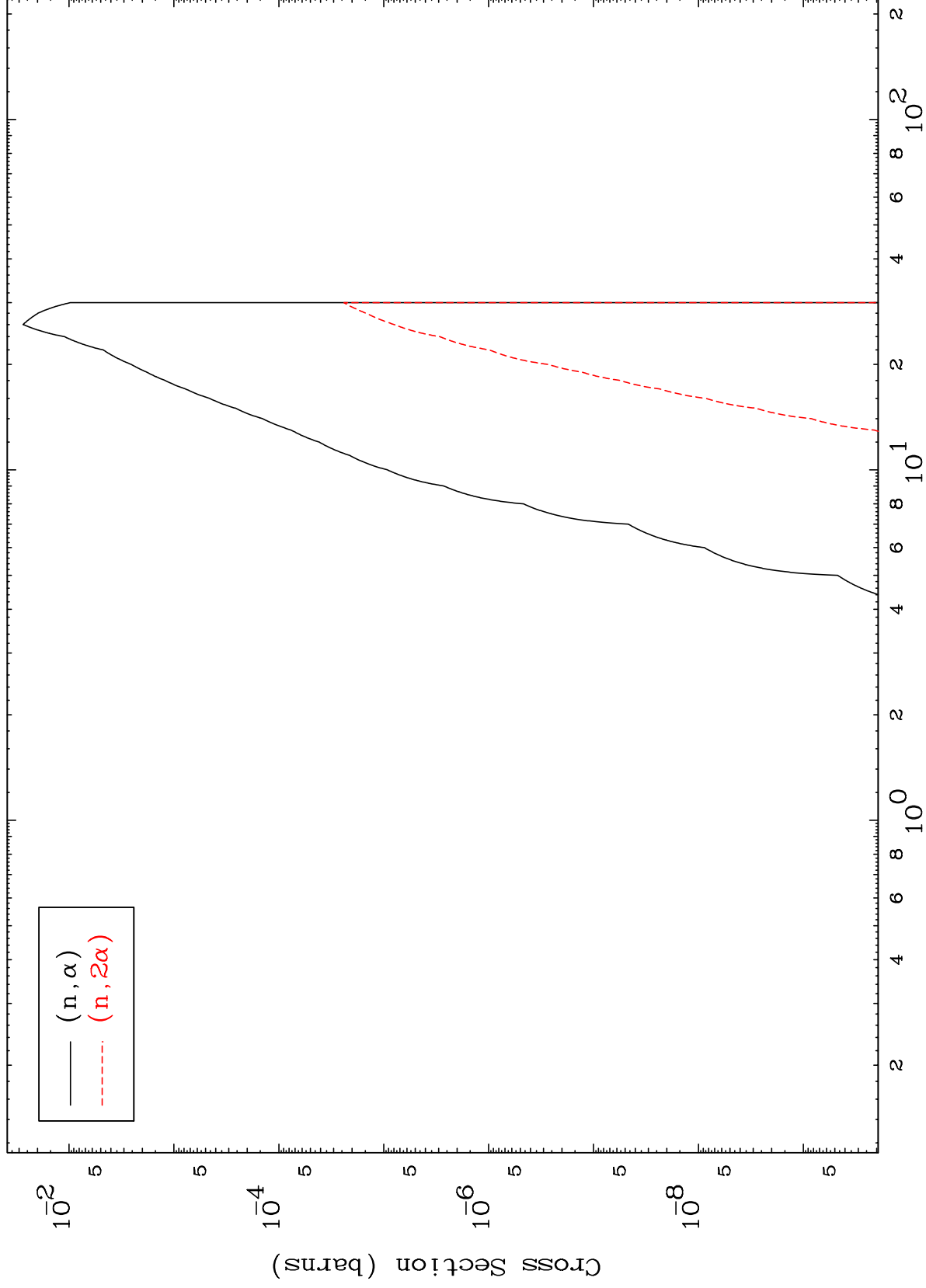
84-Po-196

Incident Energy (MeV)

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84-Po-196

(p, α) Levels
0 Kelvin Cross Sections



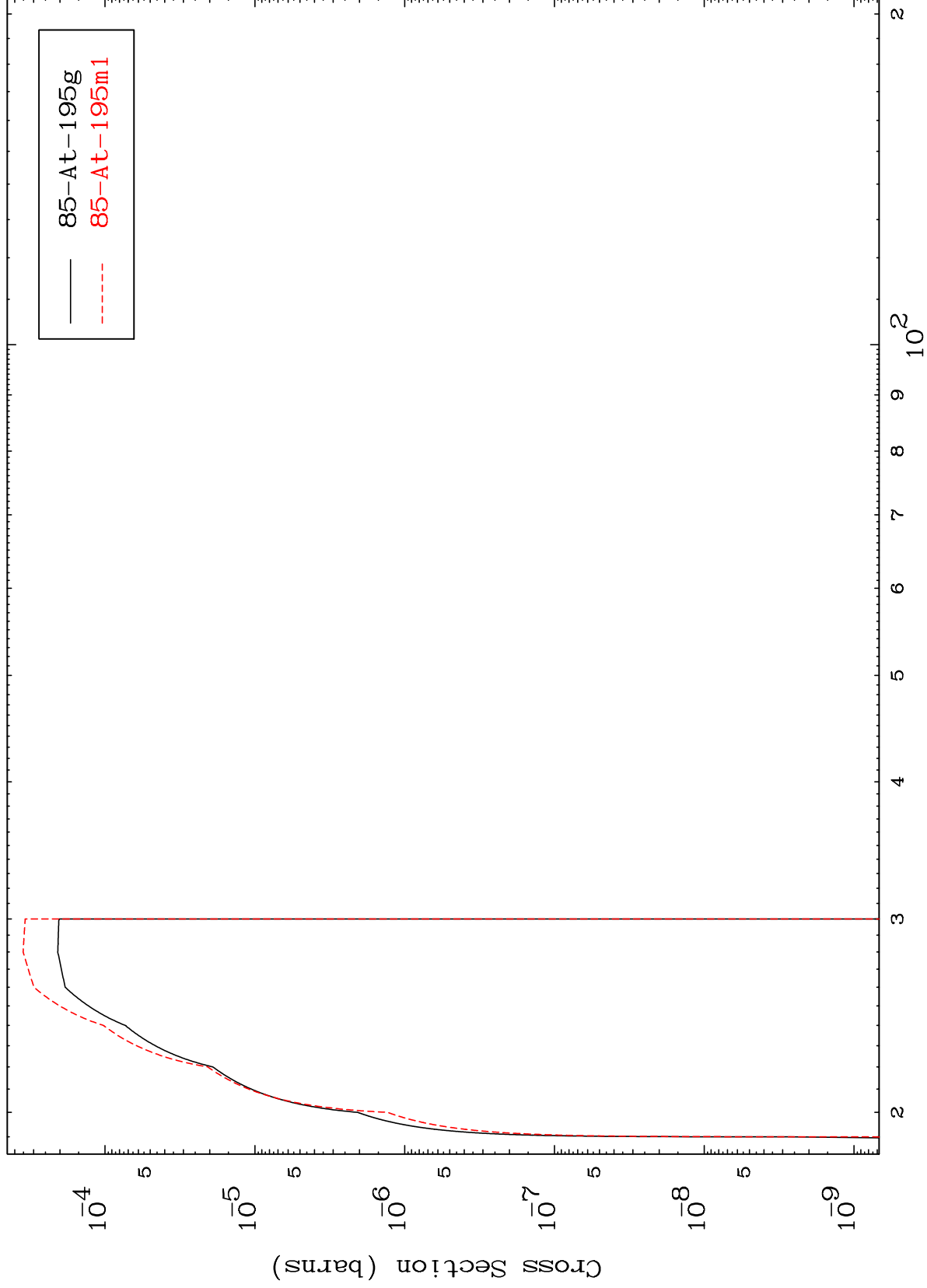
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84-Po-196

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84-Po-196

Radionuclide Production Cross Section
(n,2n)



12

Incident Energy (MeV)

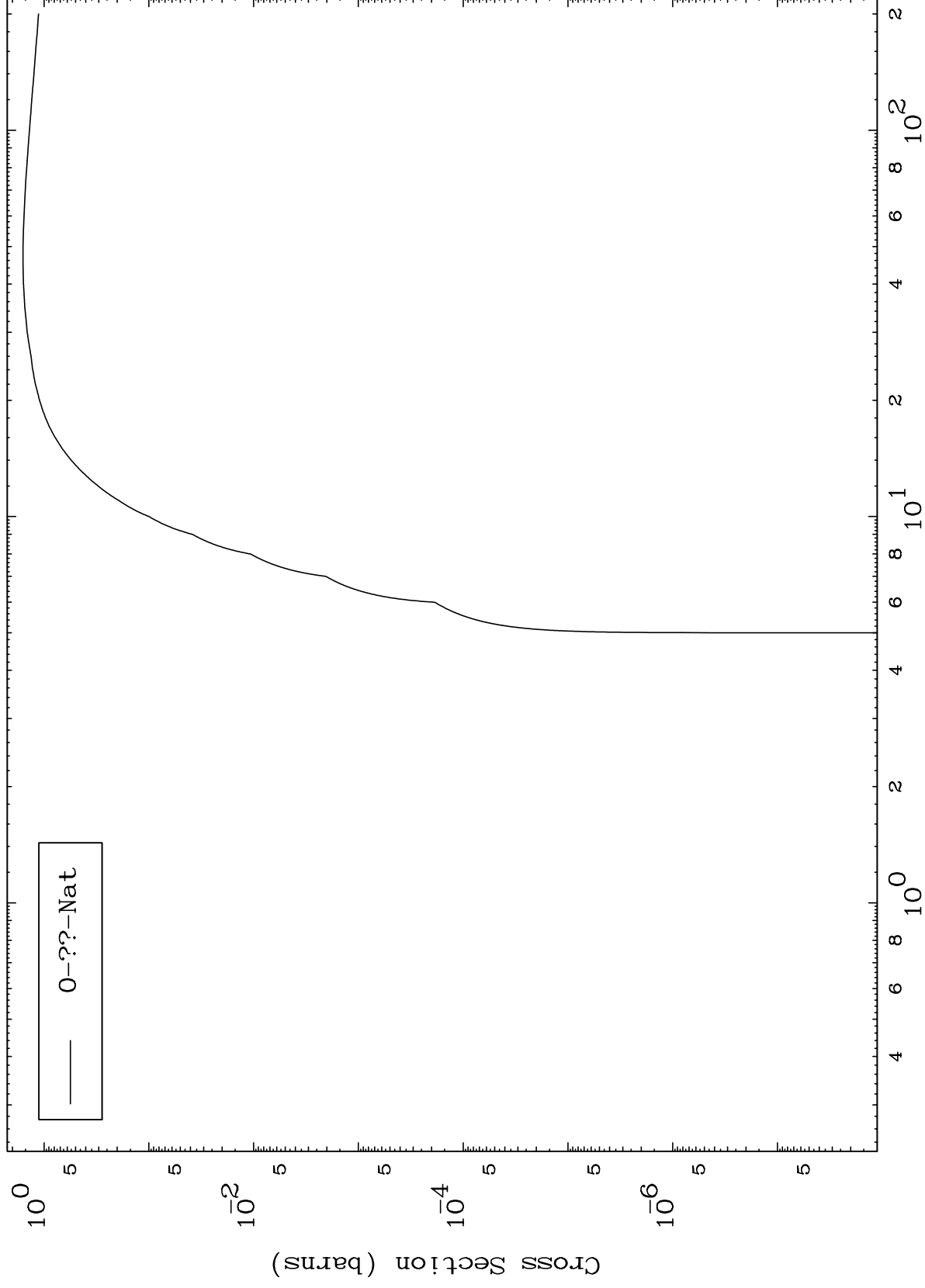
84-Po-196

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Fission

84-Po-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

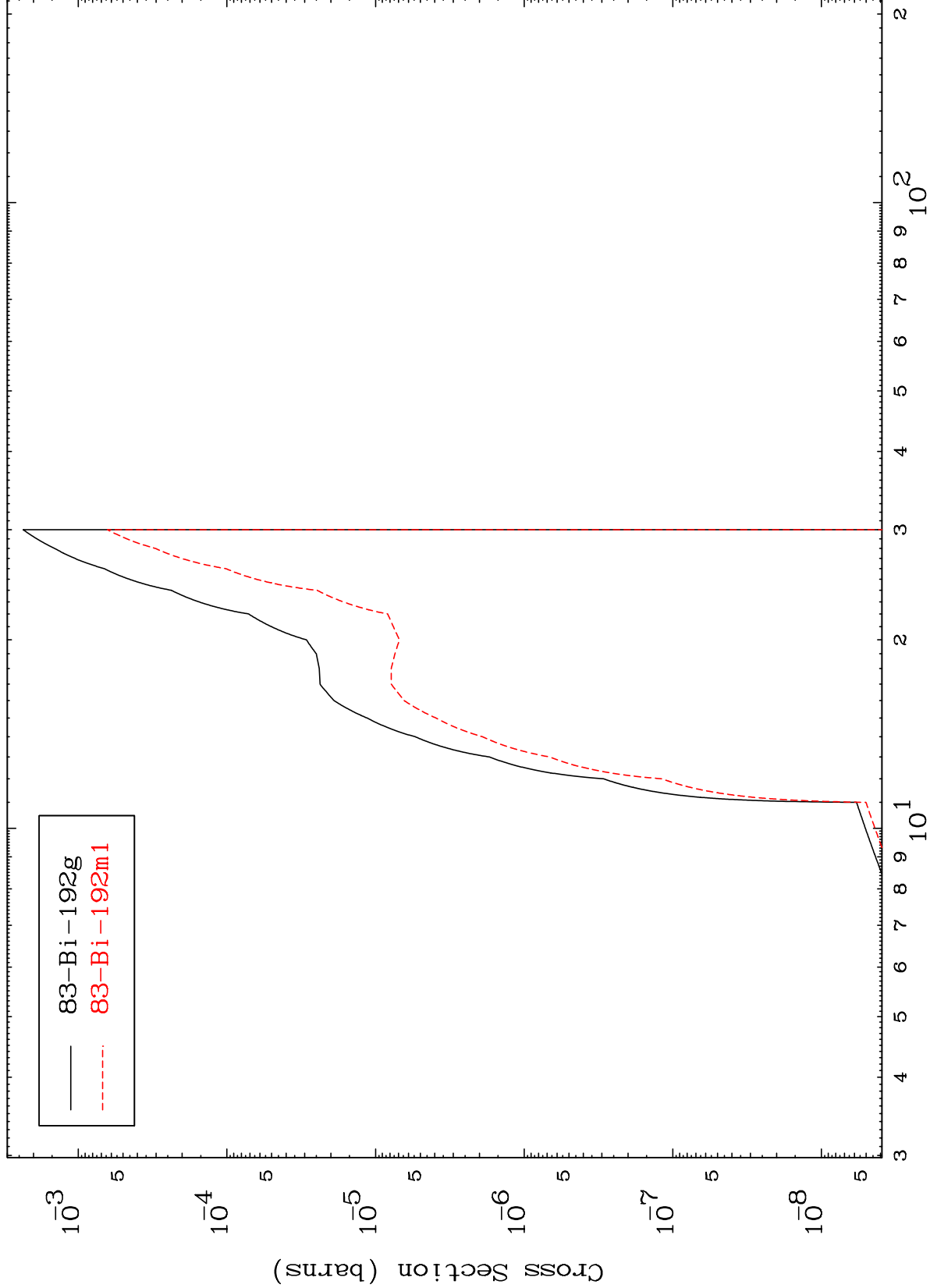
84-Po-196

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$(n,n') \alpha$

84-Po-196

Radionuclide Production Cross Section



Incident Energy (MeV)

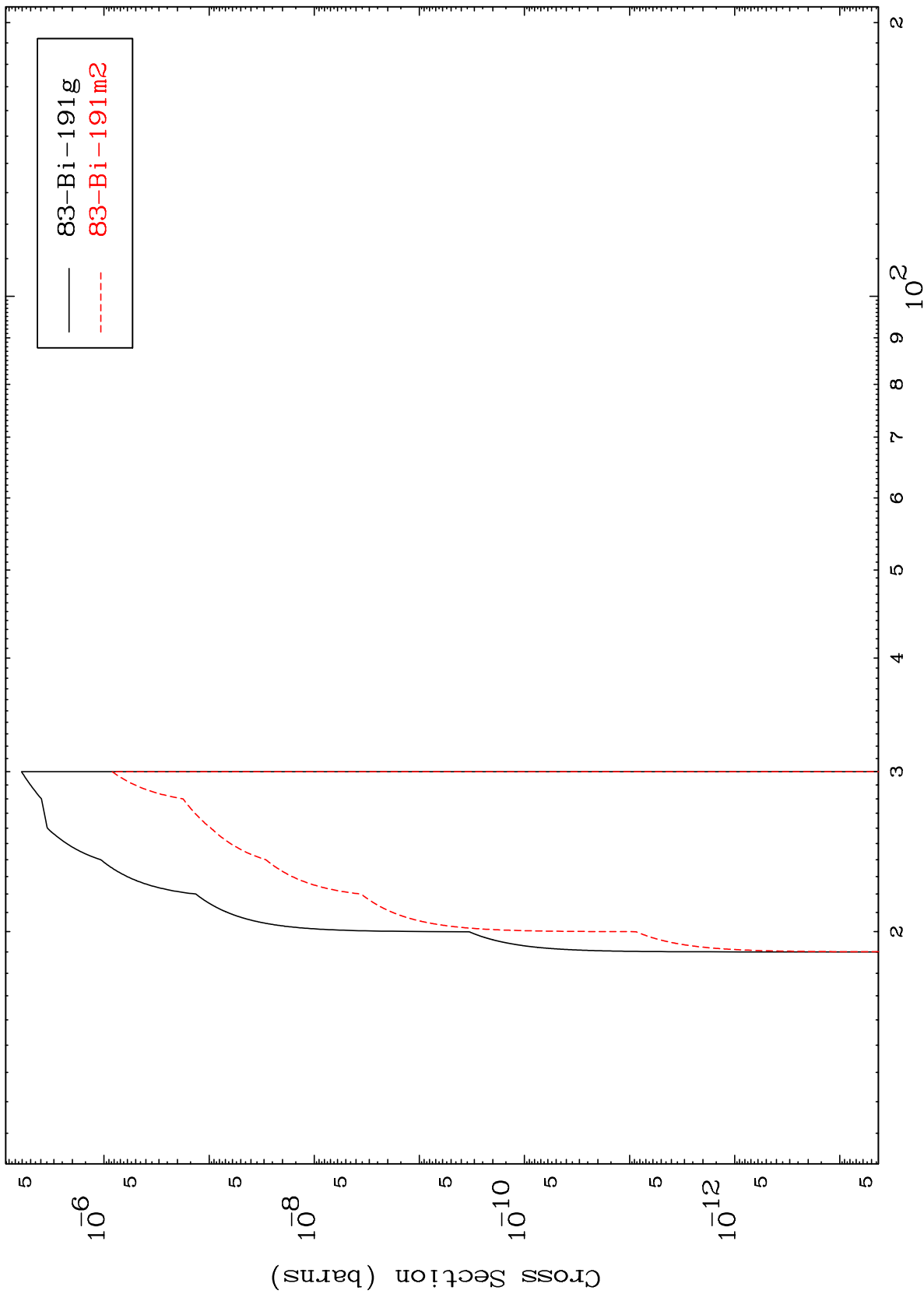
84-Po-196

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84-Po-196

(n,2n) α

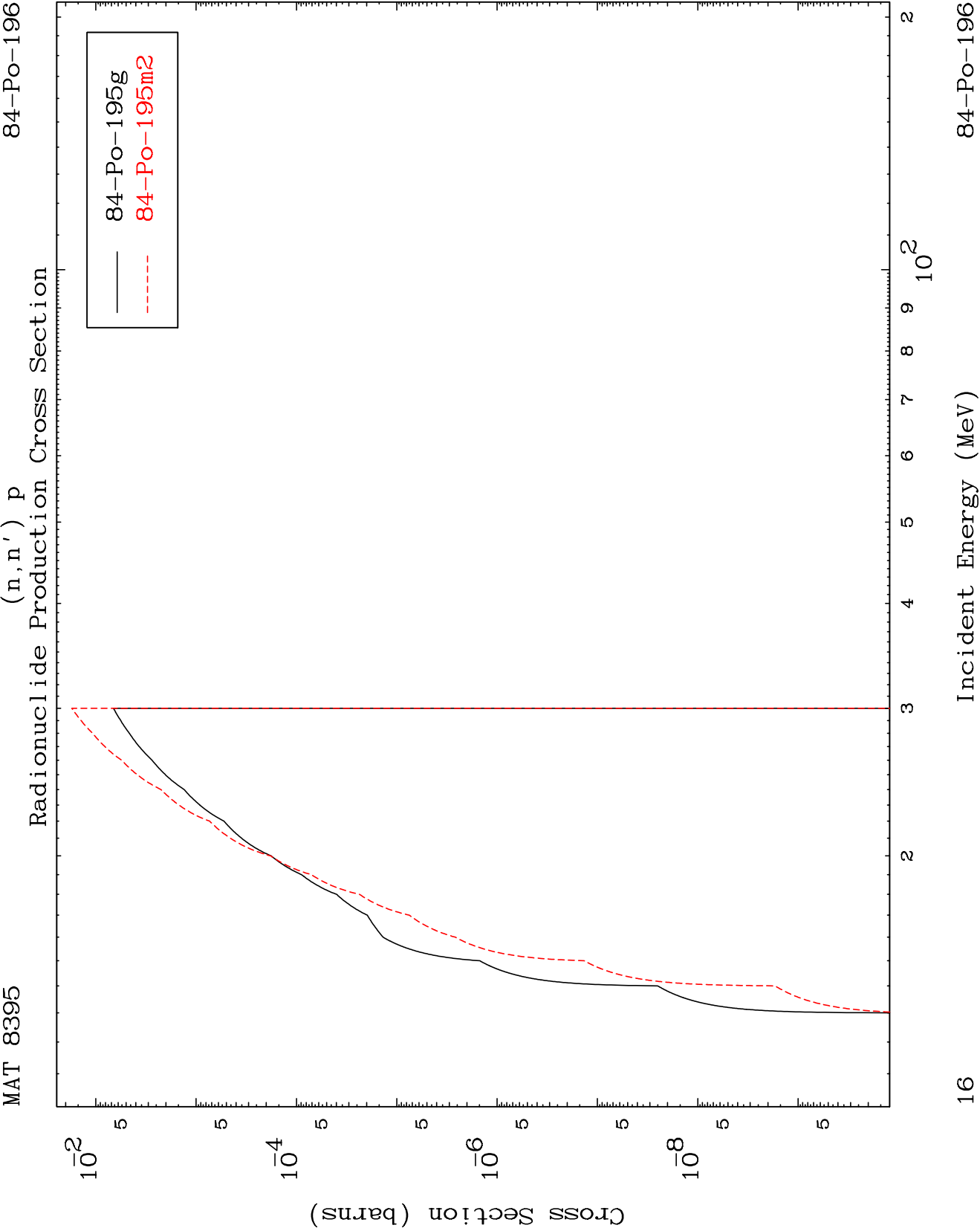
Radionuclide Production Cross Section



15

Incident Energy (MeV)

84-Po-196

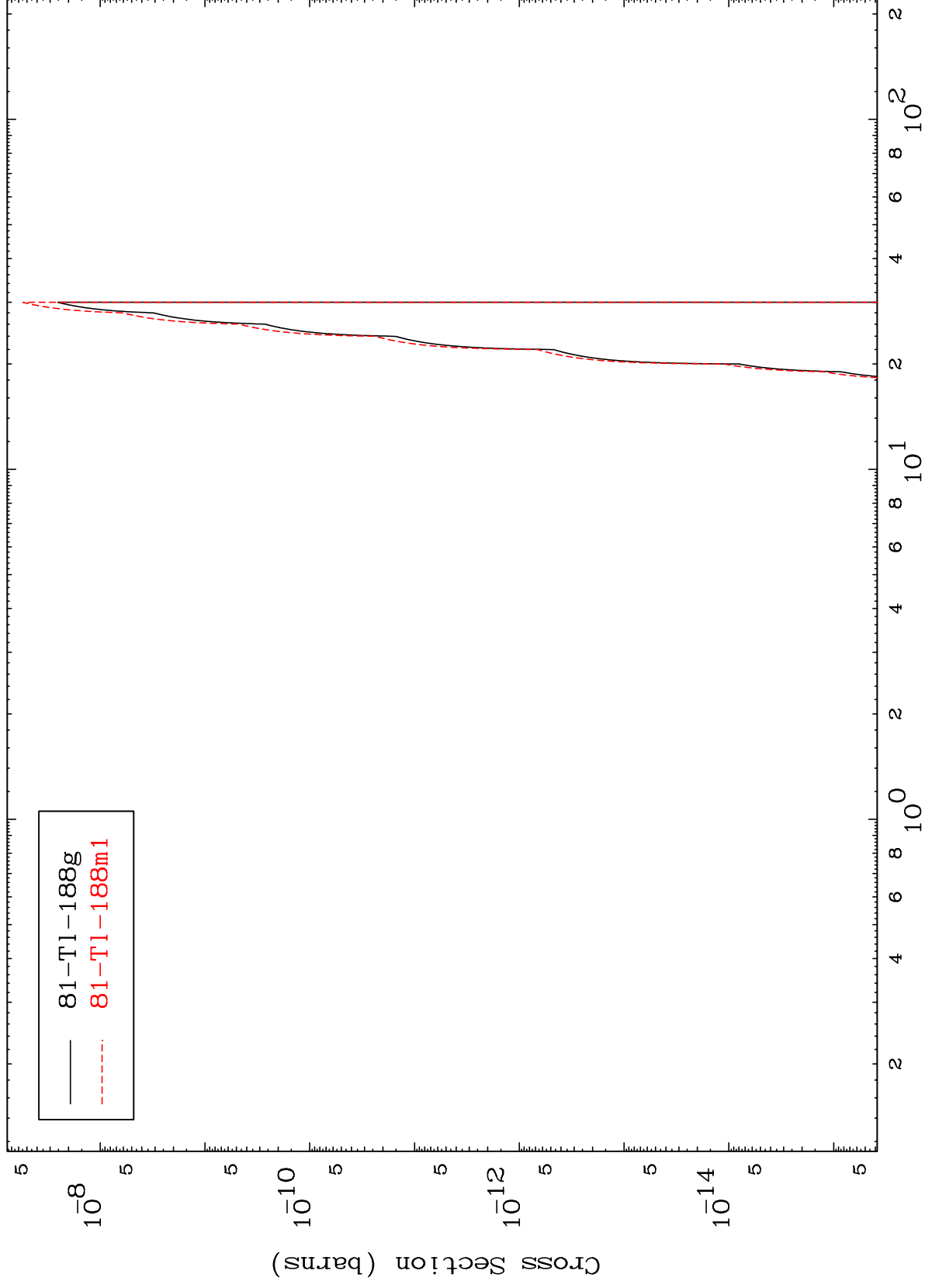


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(n,n') 2 α

84-Po-196

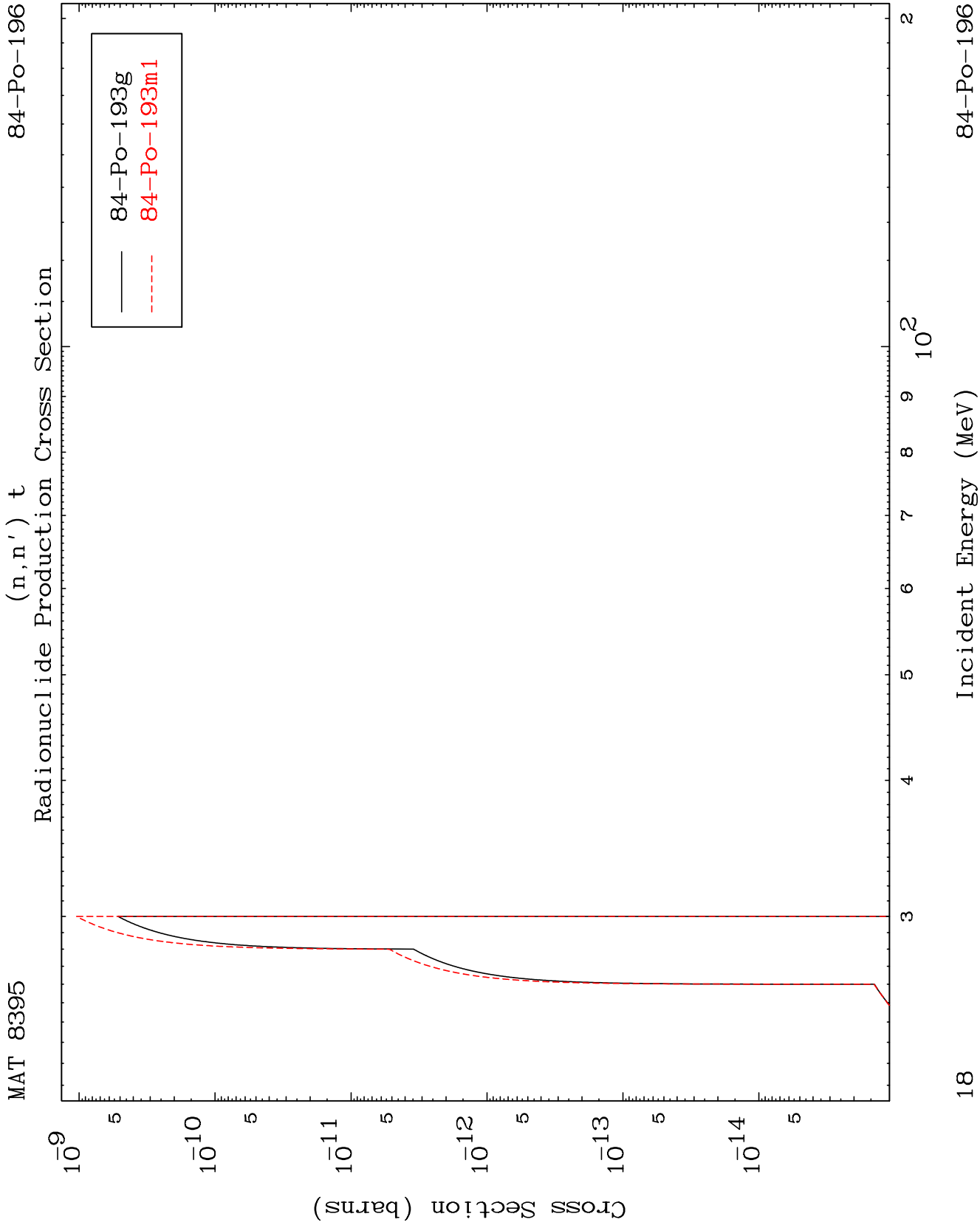
Radionuclide Production Cross Section



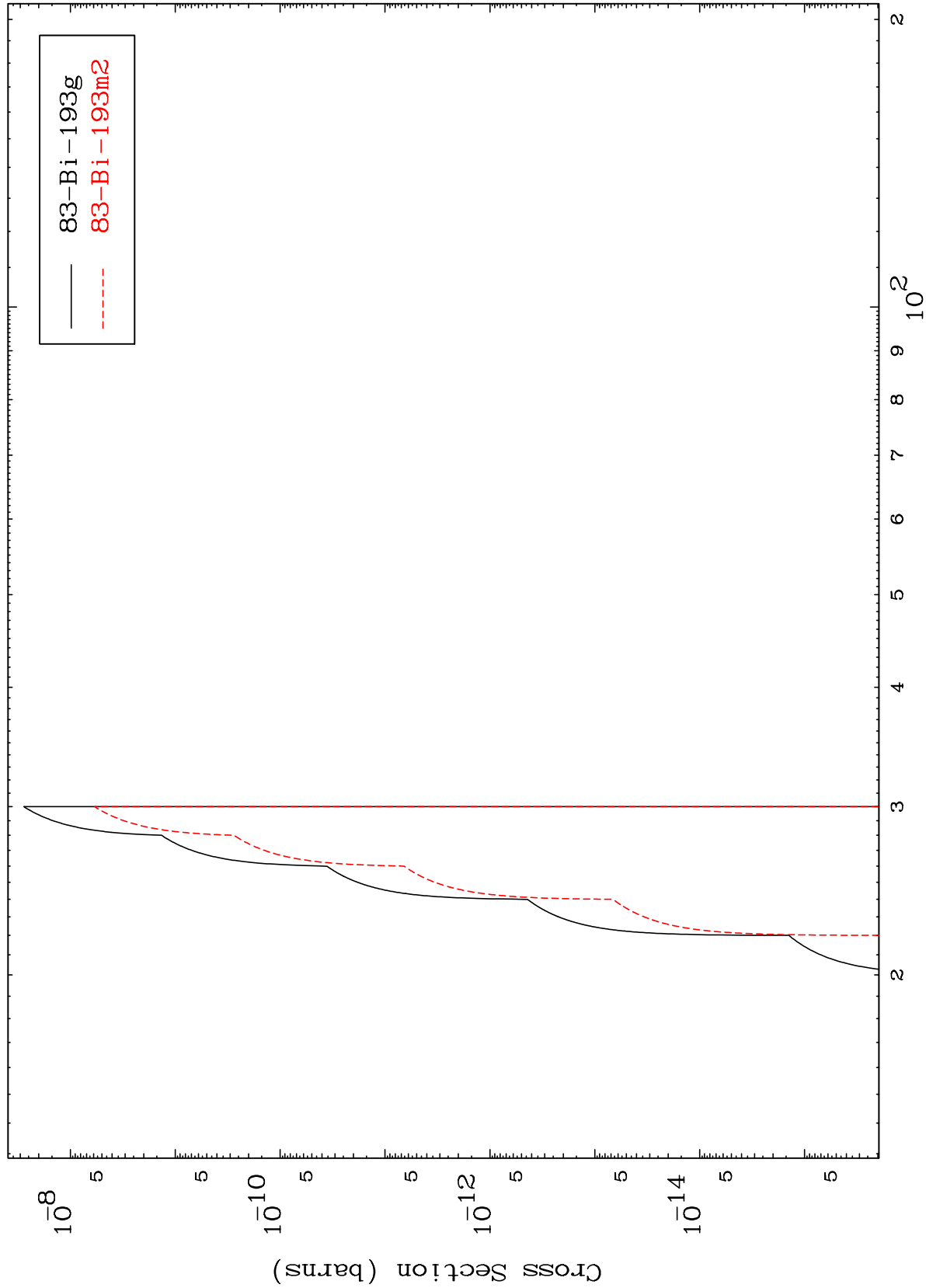
17

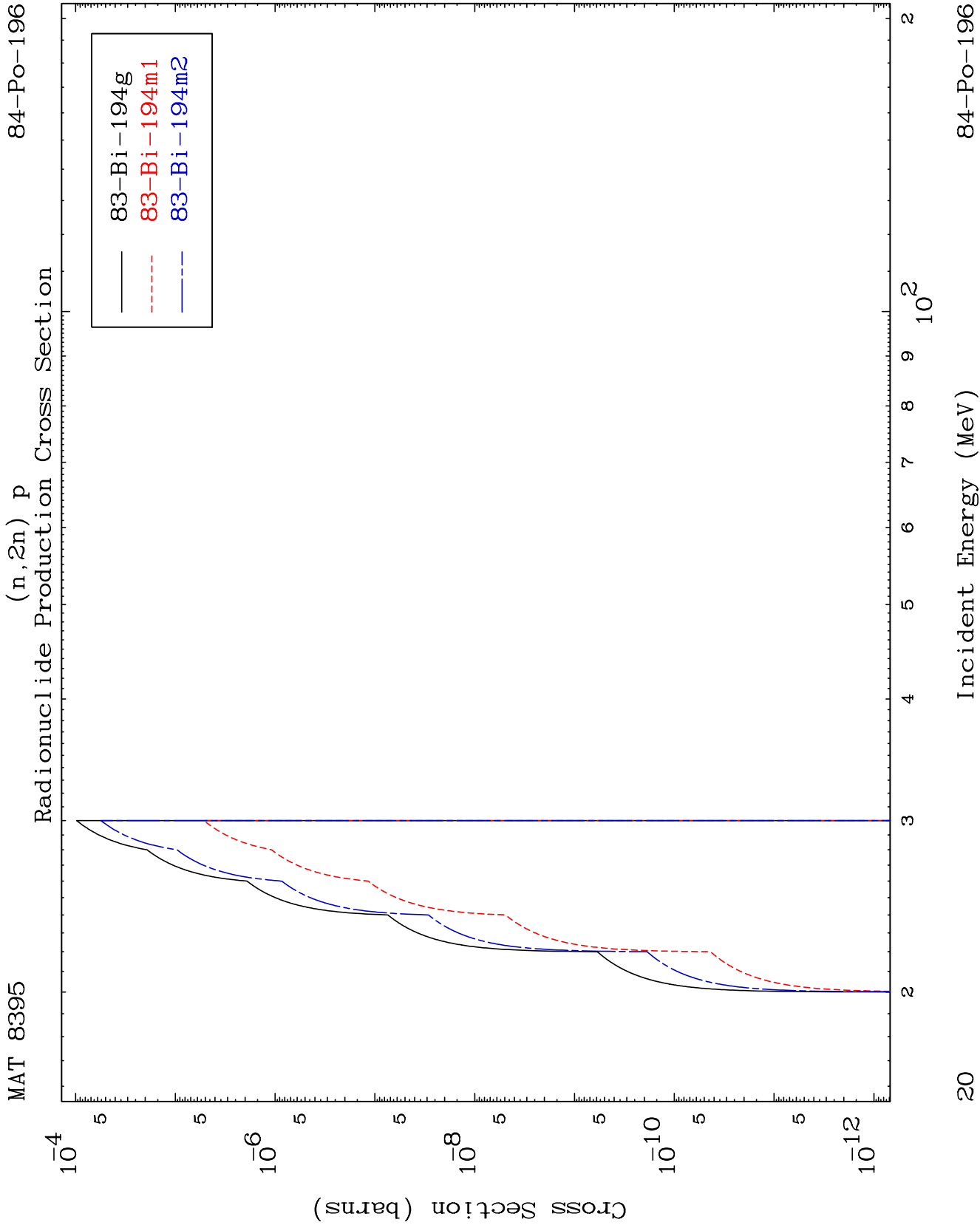
Incident Energy (MeV)

84-Po-196



Radionuclide Production Cross Section

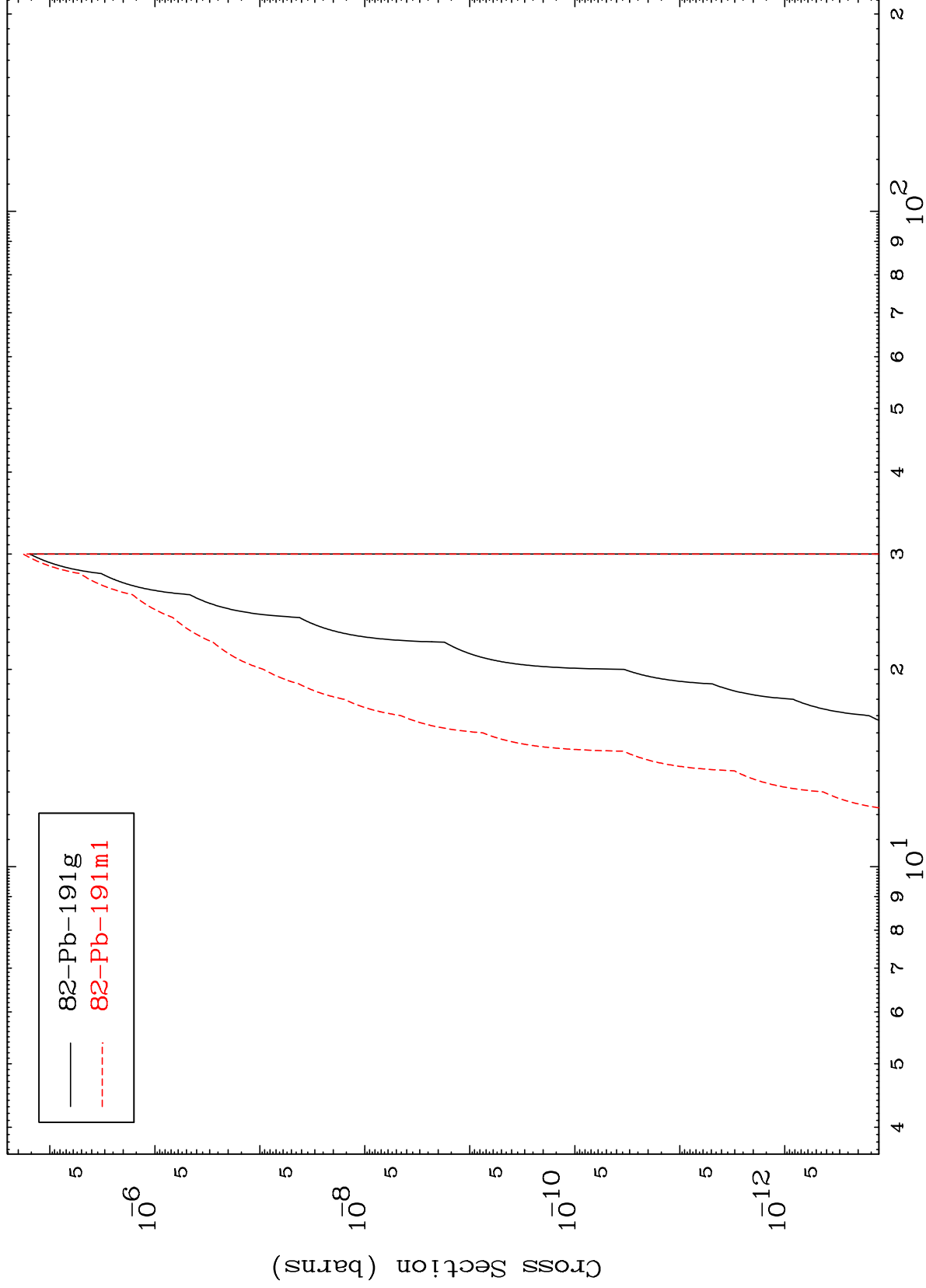




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84-Po-196

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

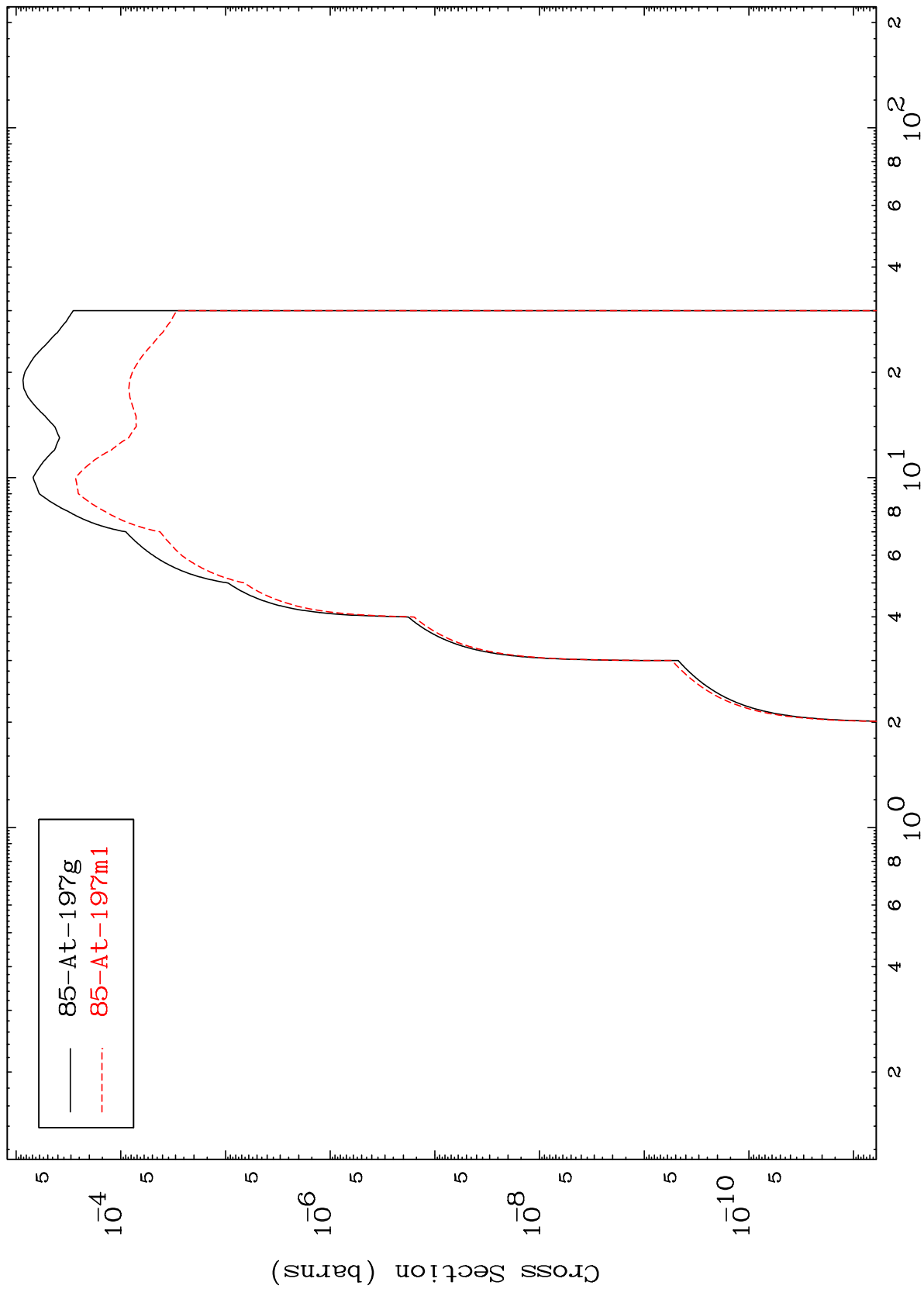


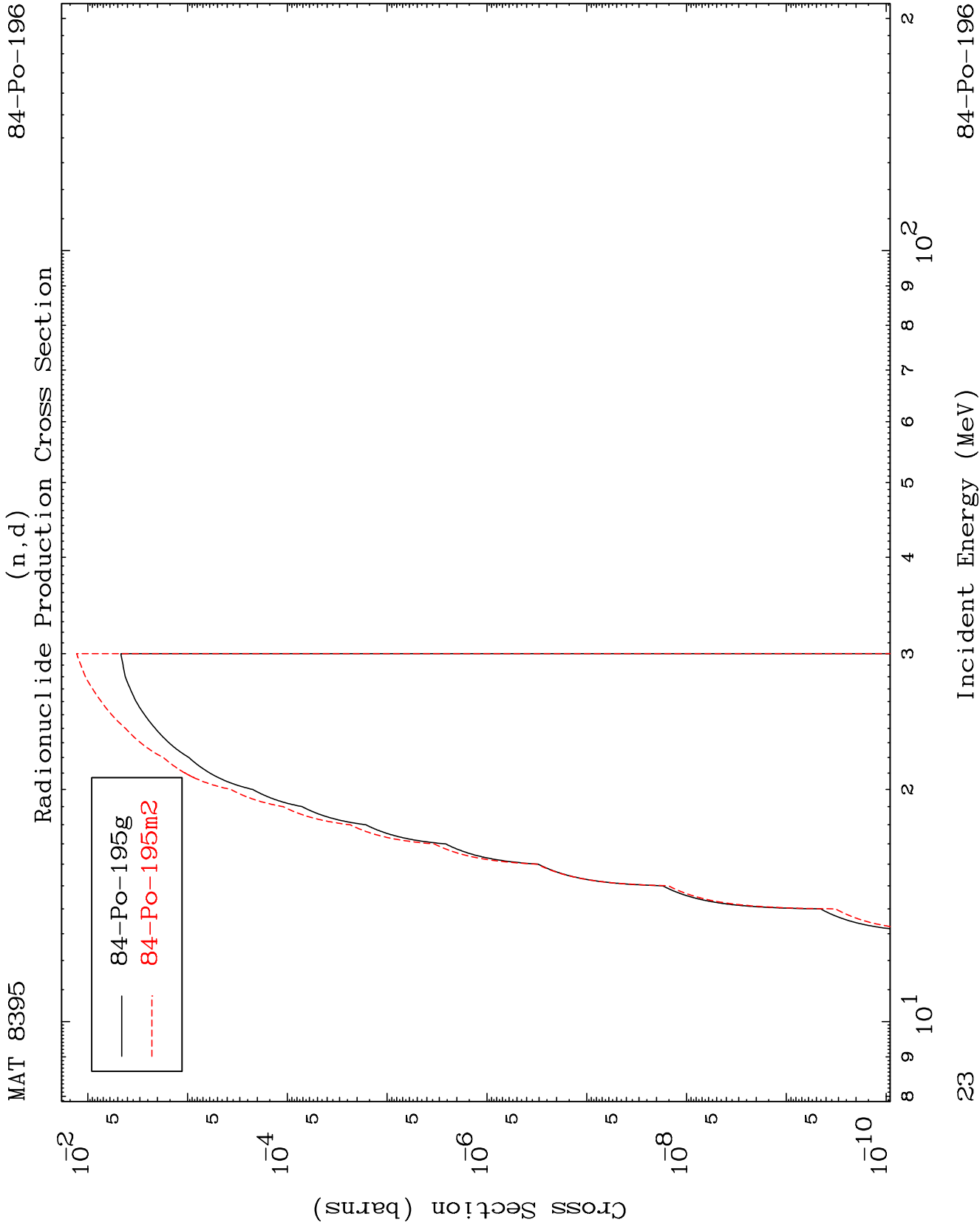
21

Incident Energy (MeV)

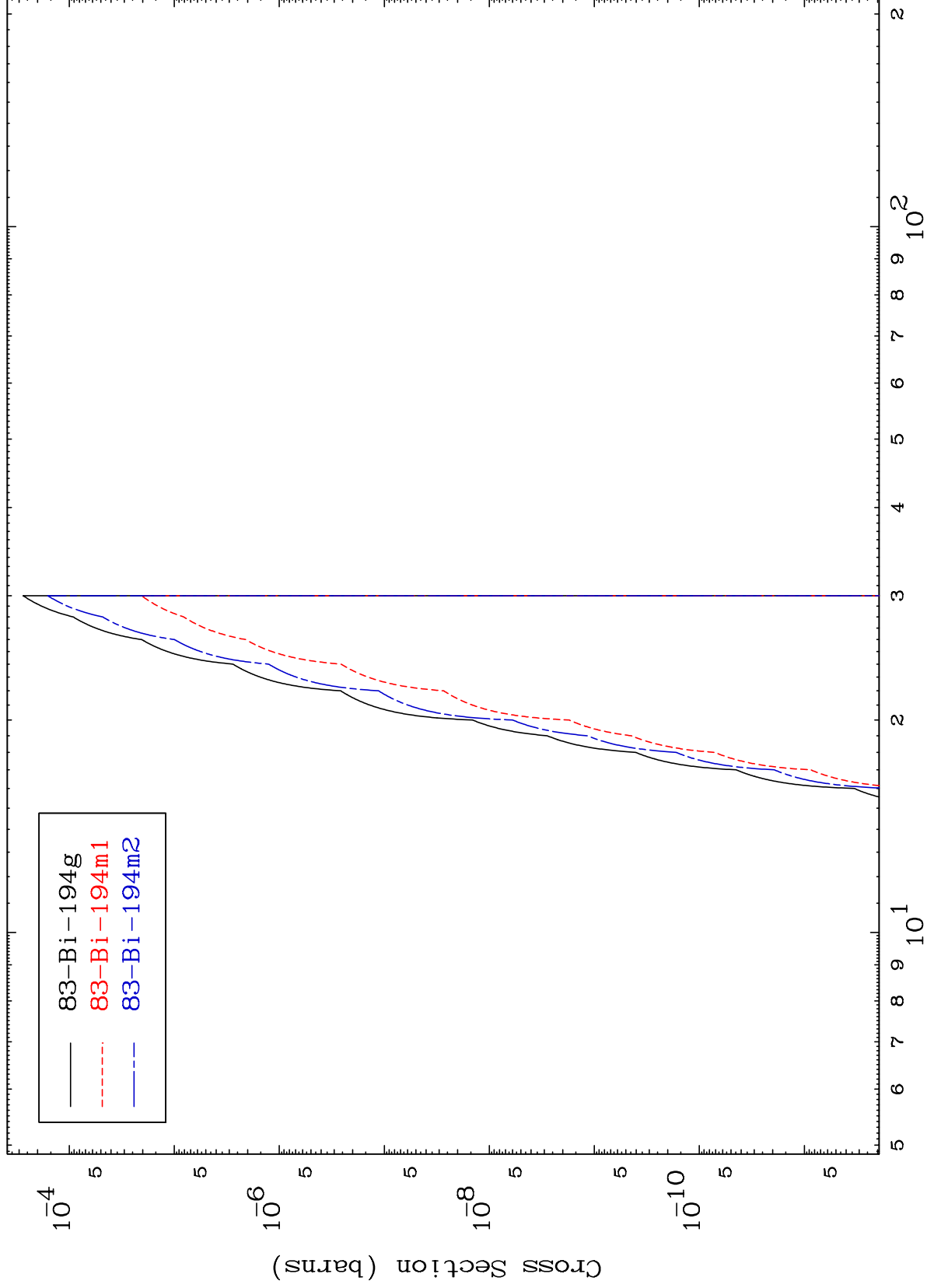
84-Po-196

Radionuclide Production Cross Section
(n, γ)





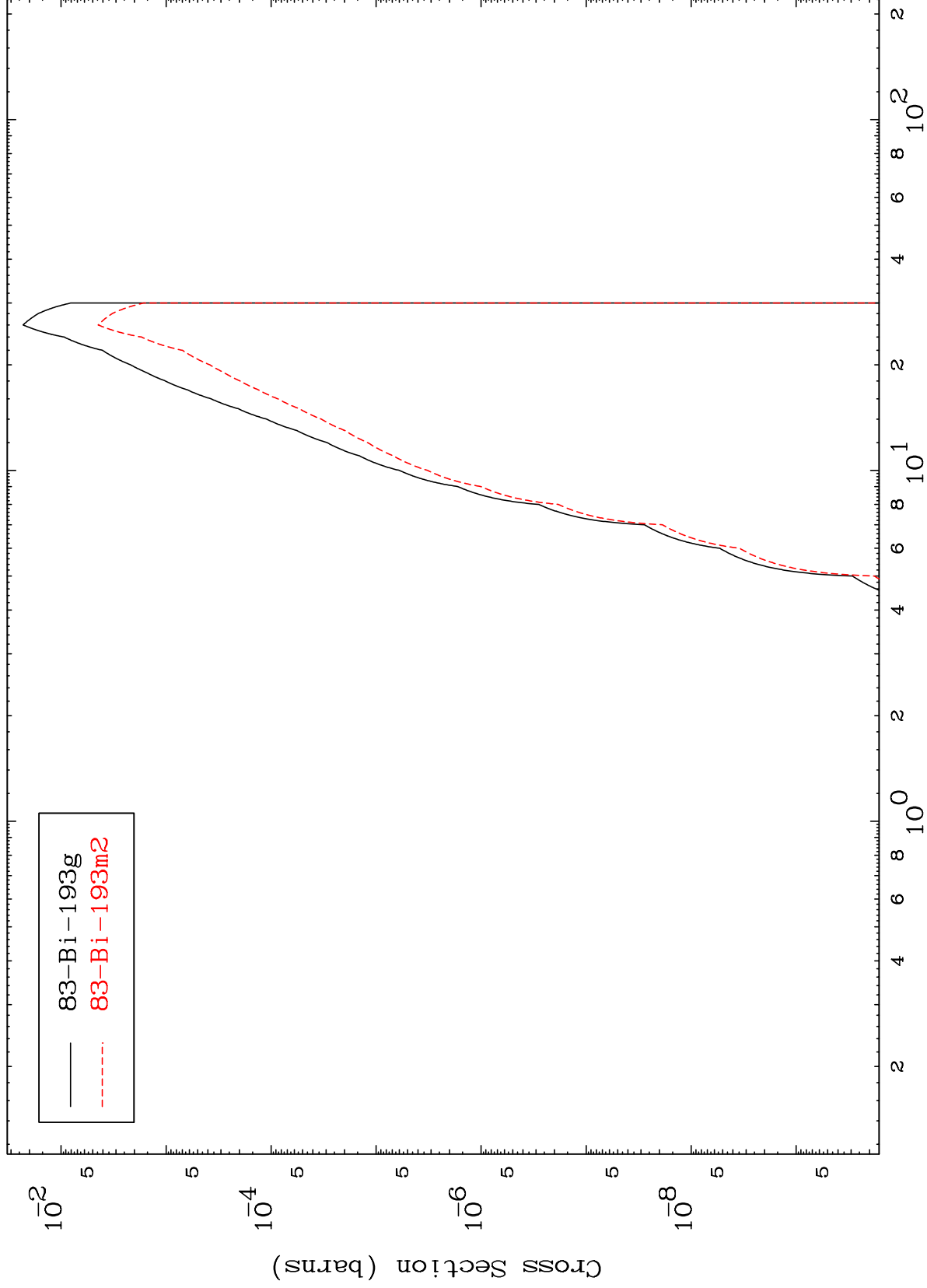
Radionuclide Production Cross Section



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Radionuclide Production Cross Section

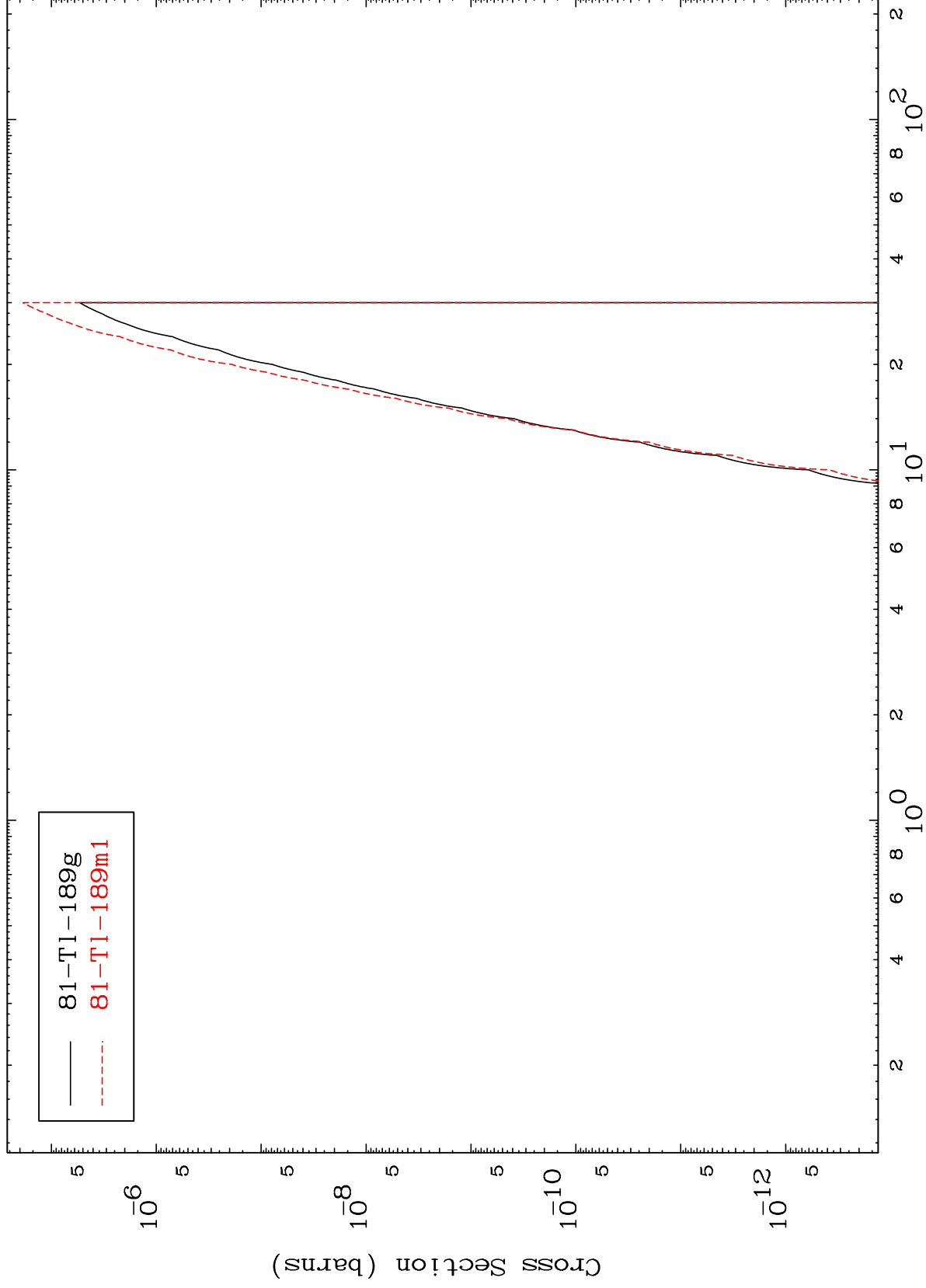


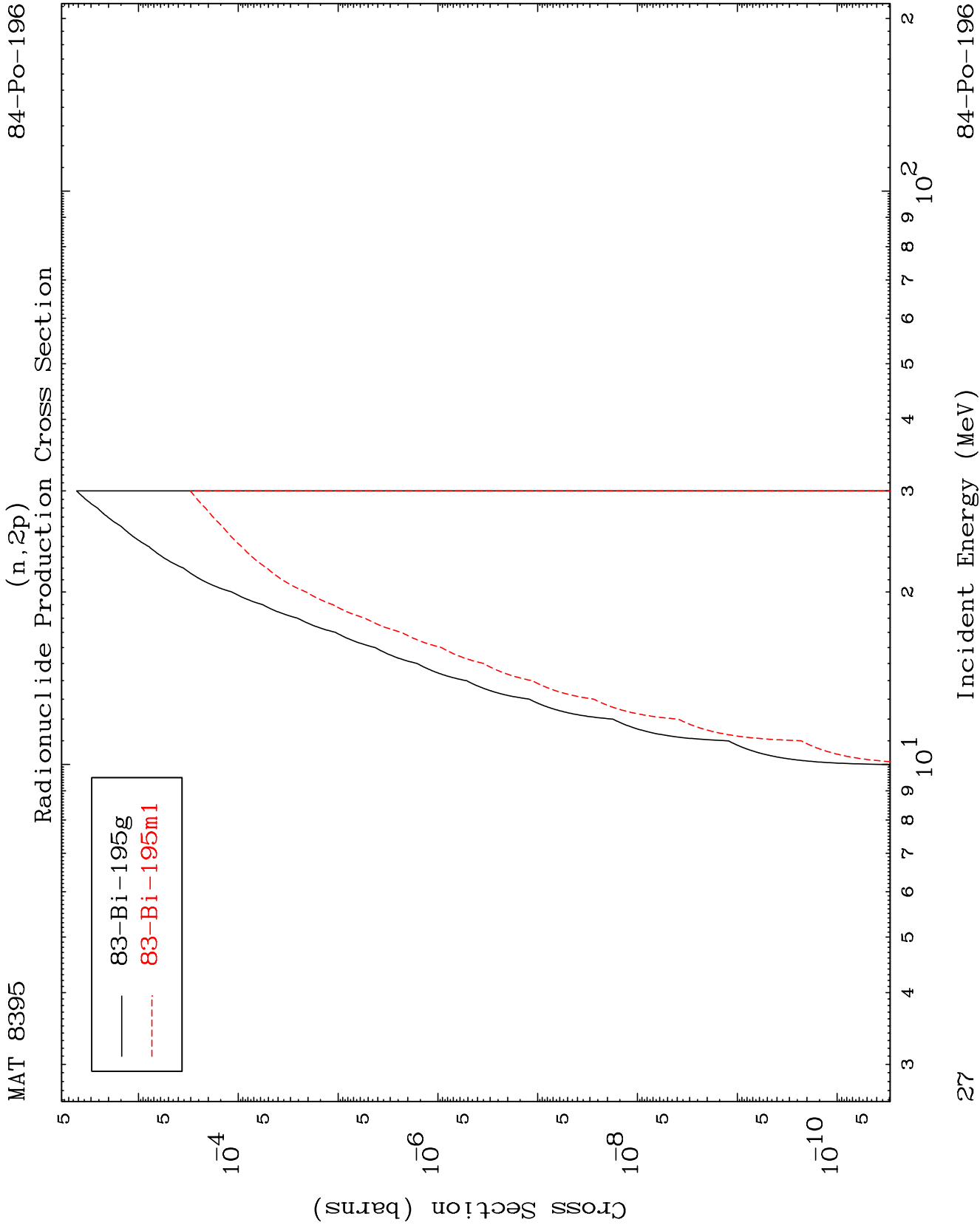
25

Incident Energy (MeV)

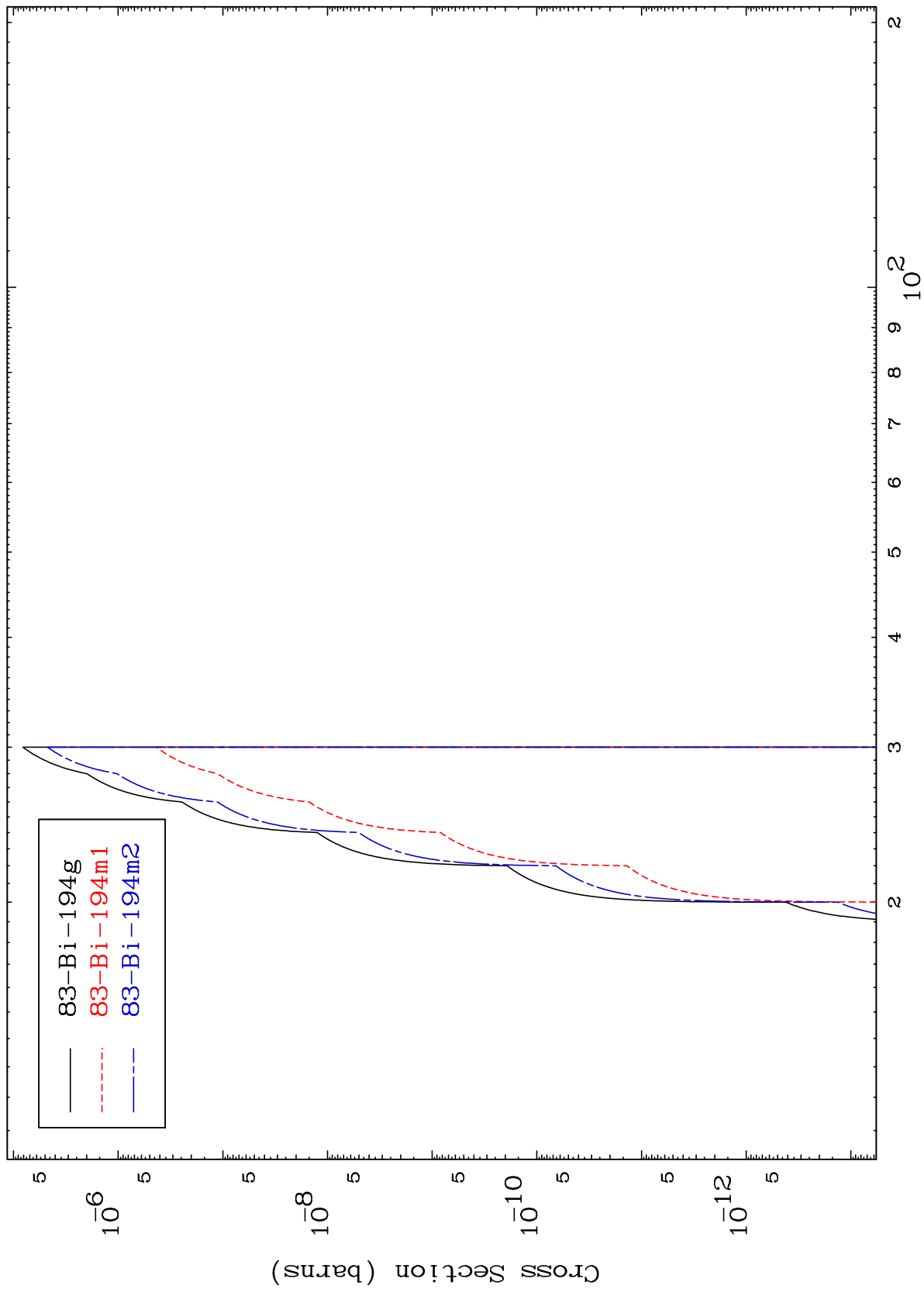
84-Po-196

Radionuclide Production Cross Section
(n,2α)

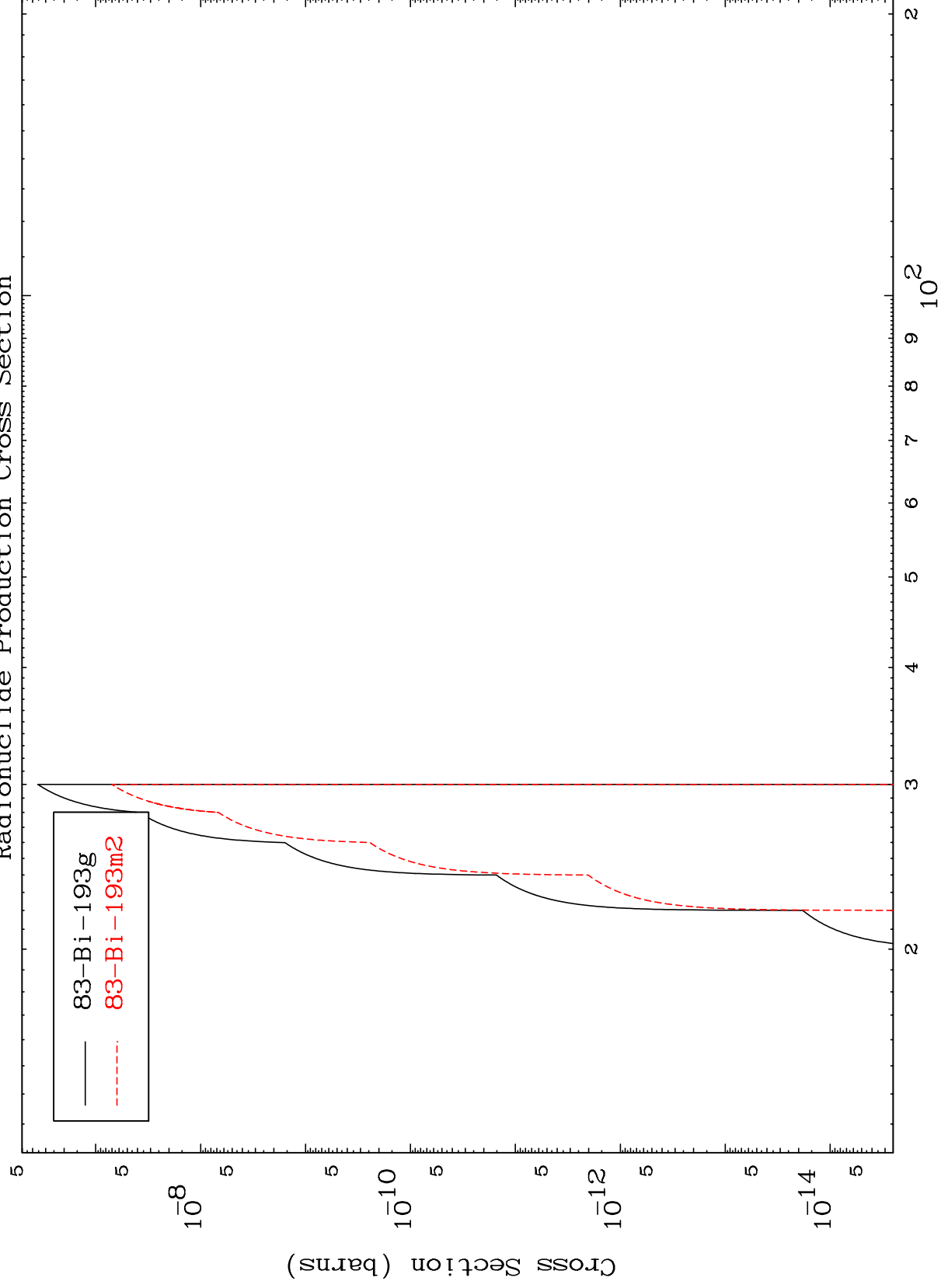




Radionuclide Production Cross Section
(n,p) d



(n,p) t
Radionuclide Production Cross Section

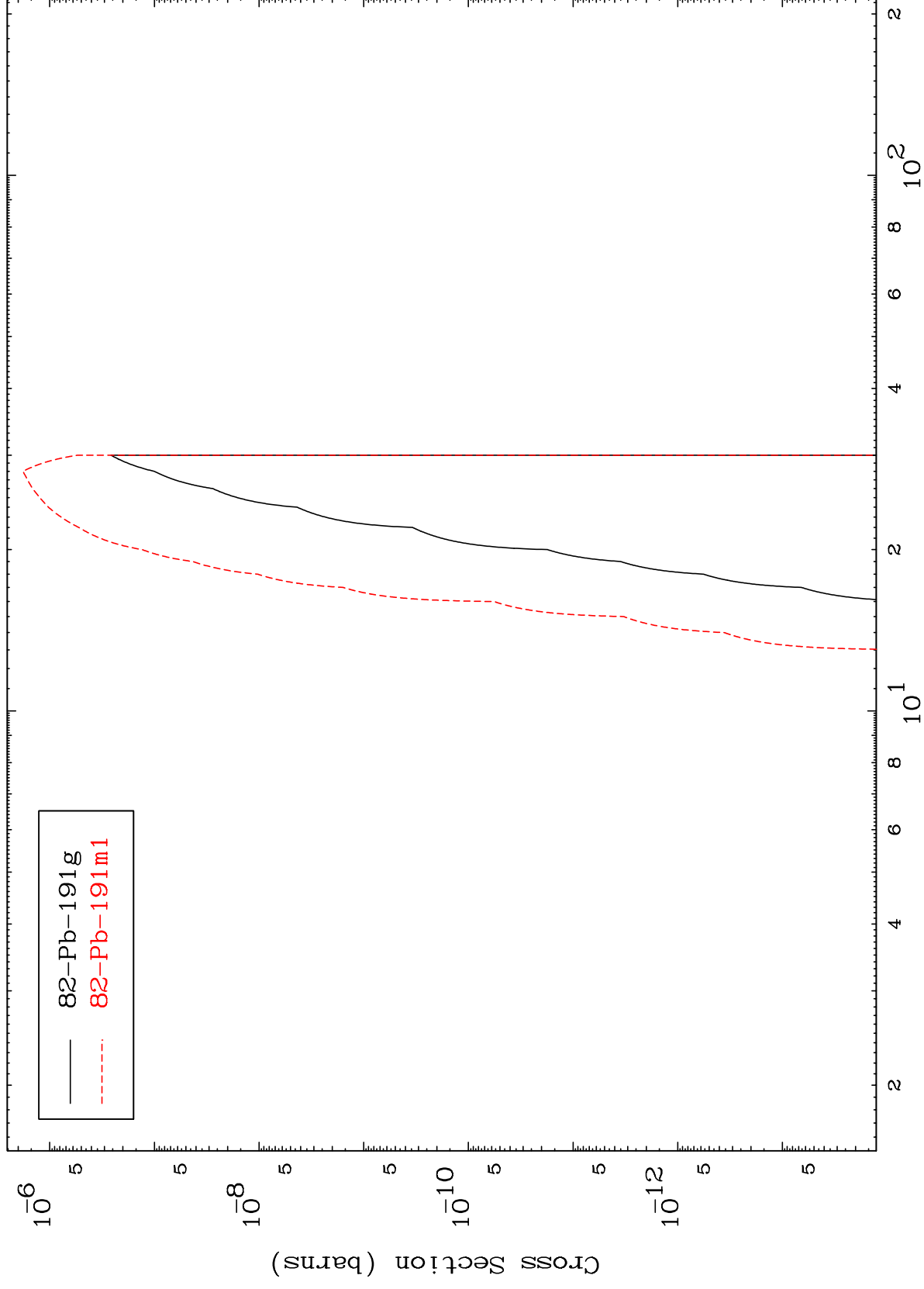


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$$(n, d) \propto$$

Radionuclide Production Cross Section



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Incident Energy (MeV)

84-Po-196