

Program EVALPLOT
(Version 2017-1)

by

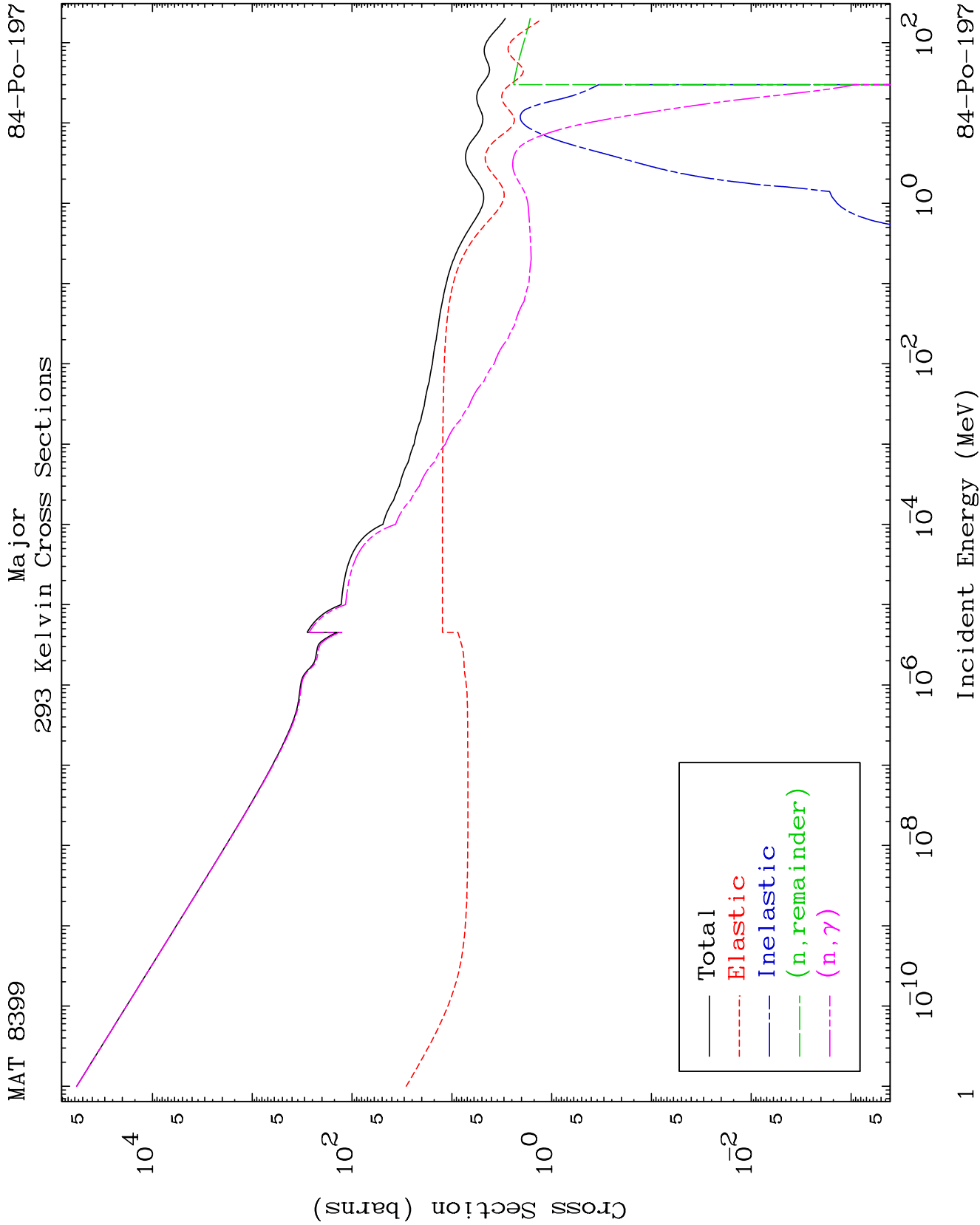
Dermott E. Cullen
(Present Contact Information)

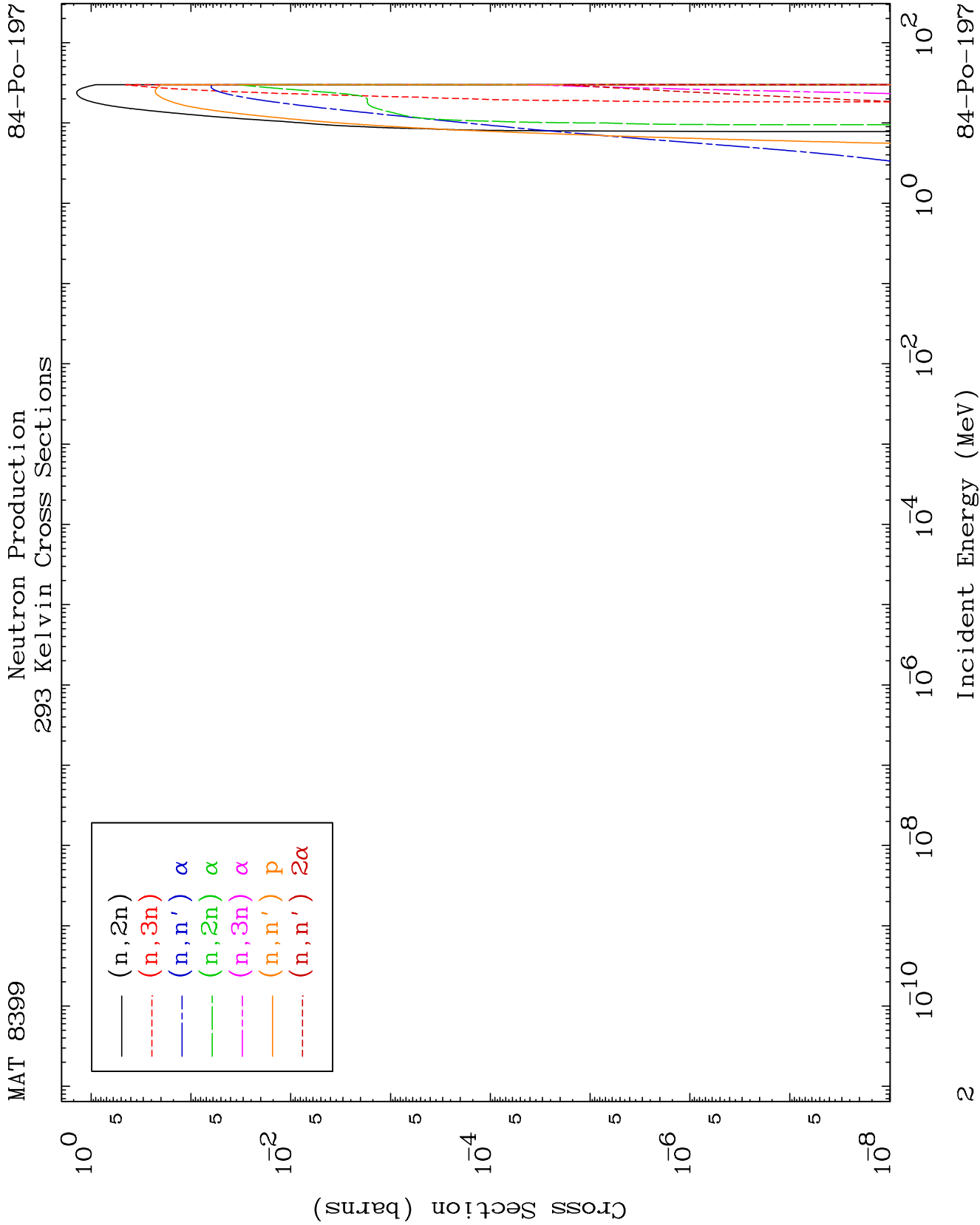
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

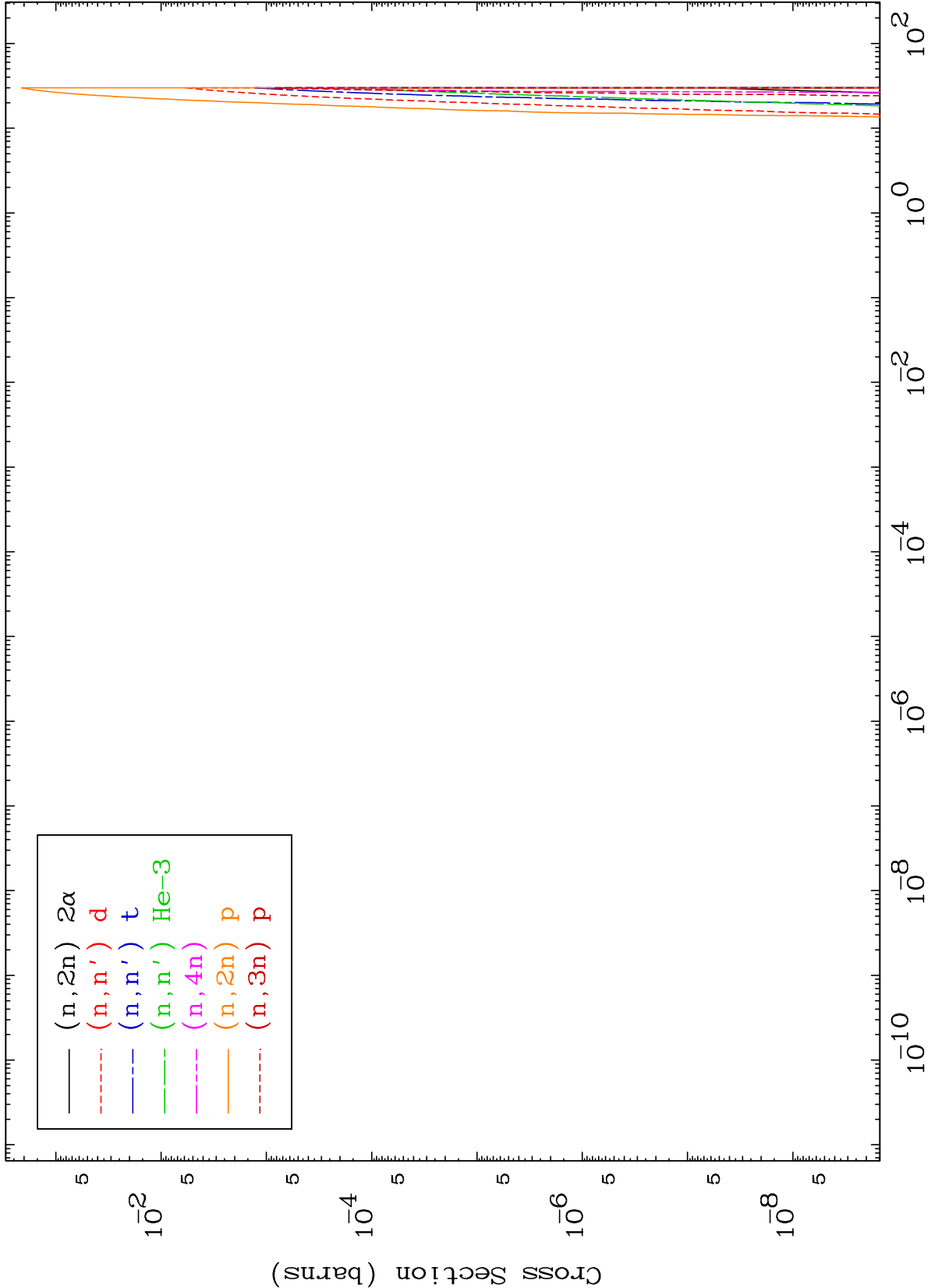


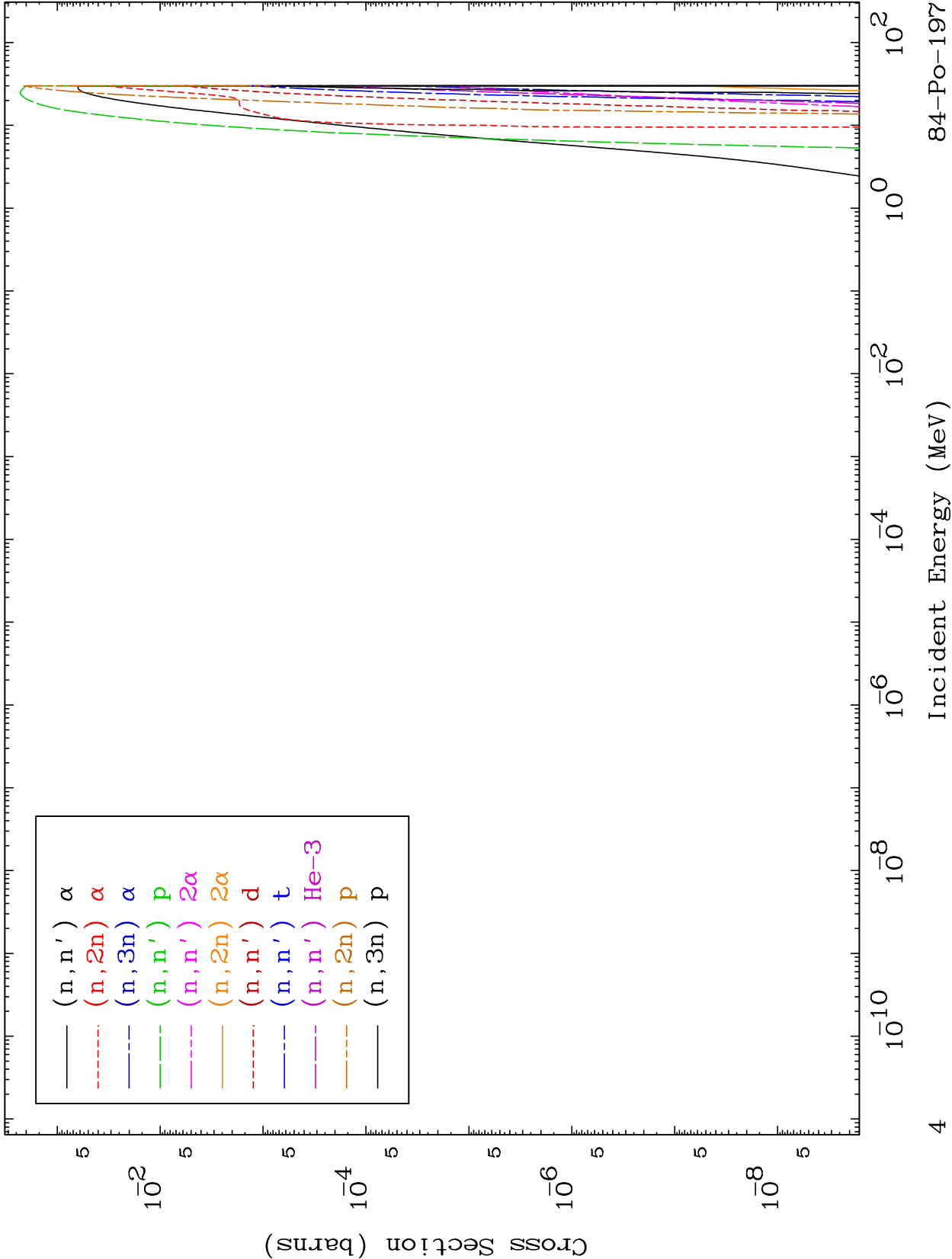


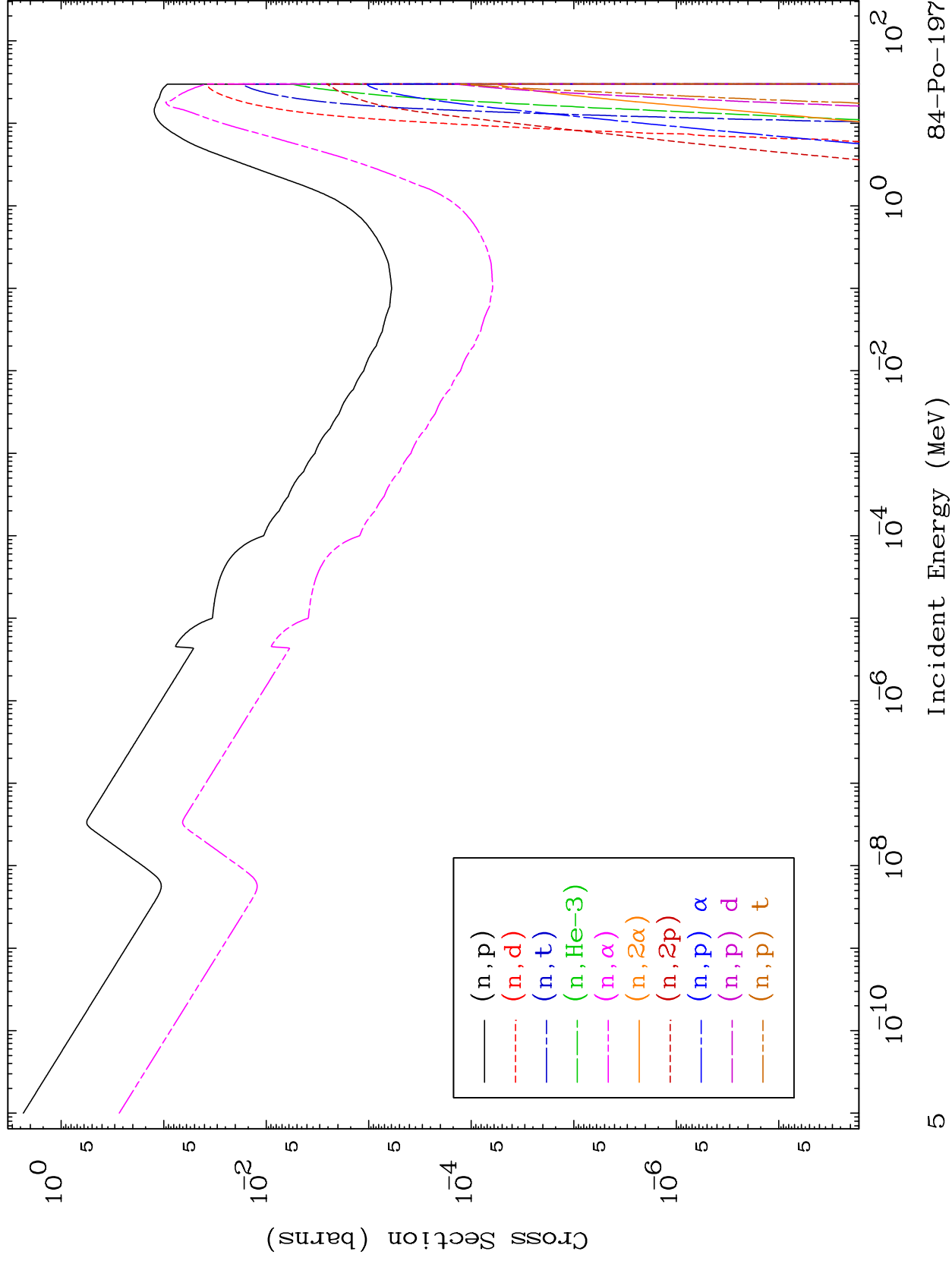
MAT 8399

Neutron Production
293 Kelvin Cross Sections

84-Po-197



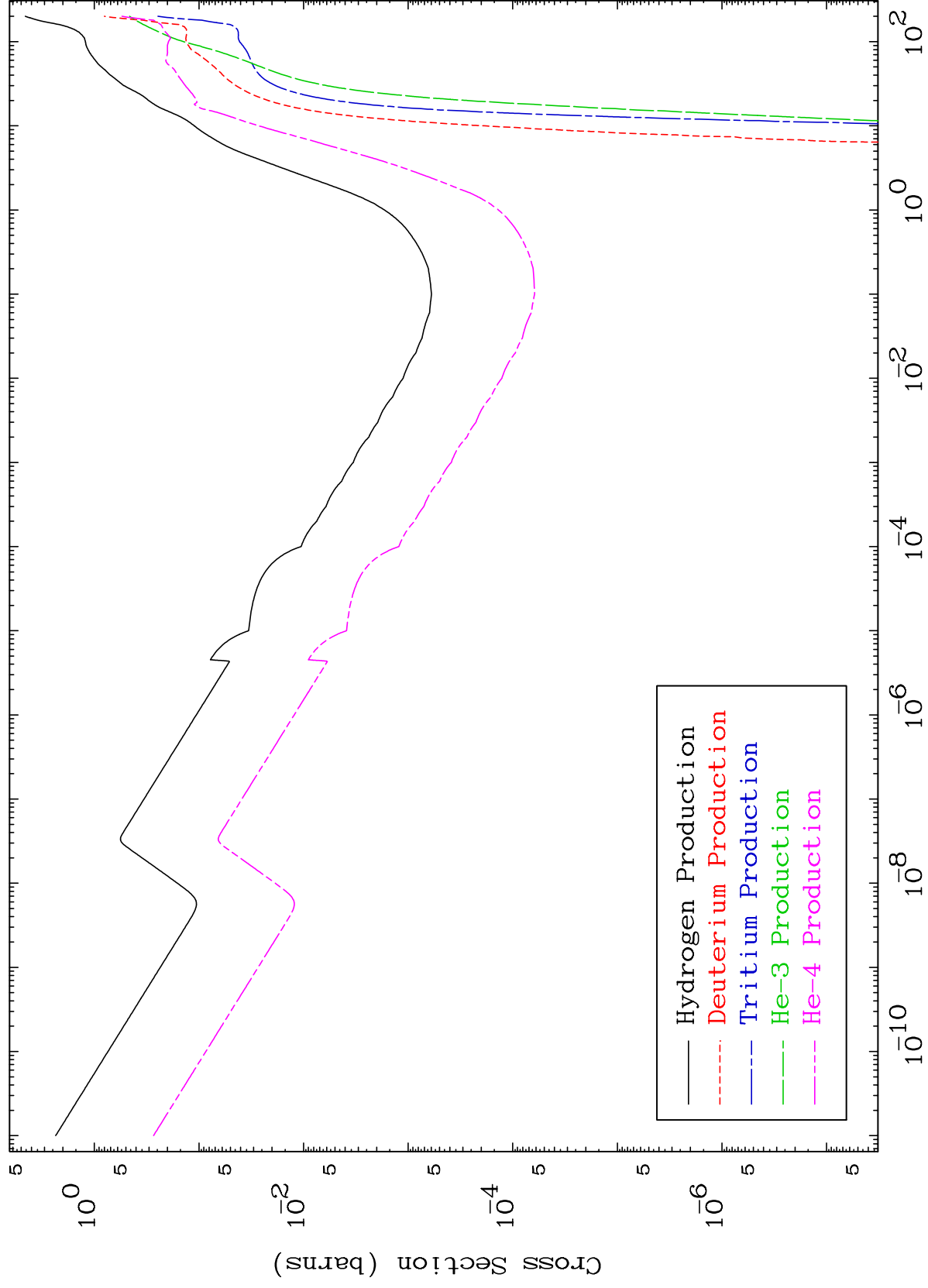


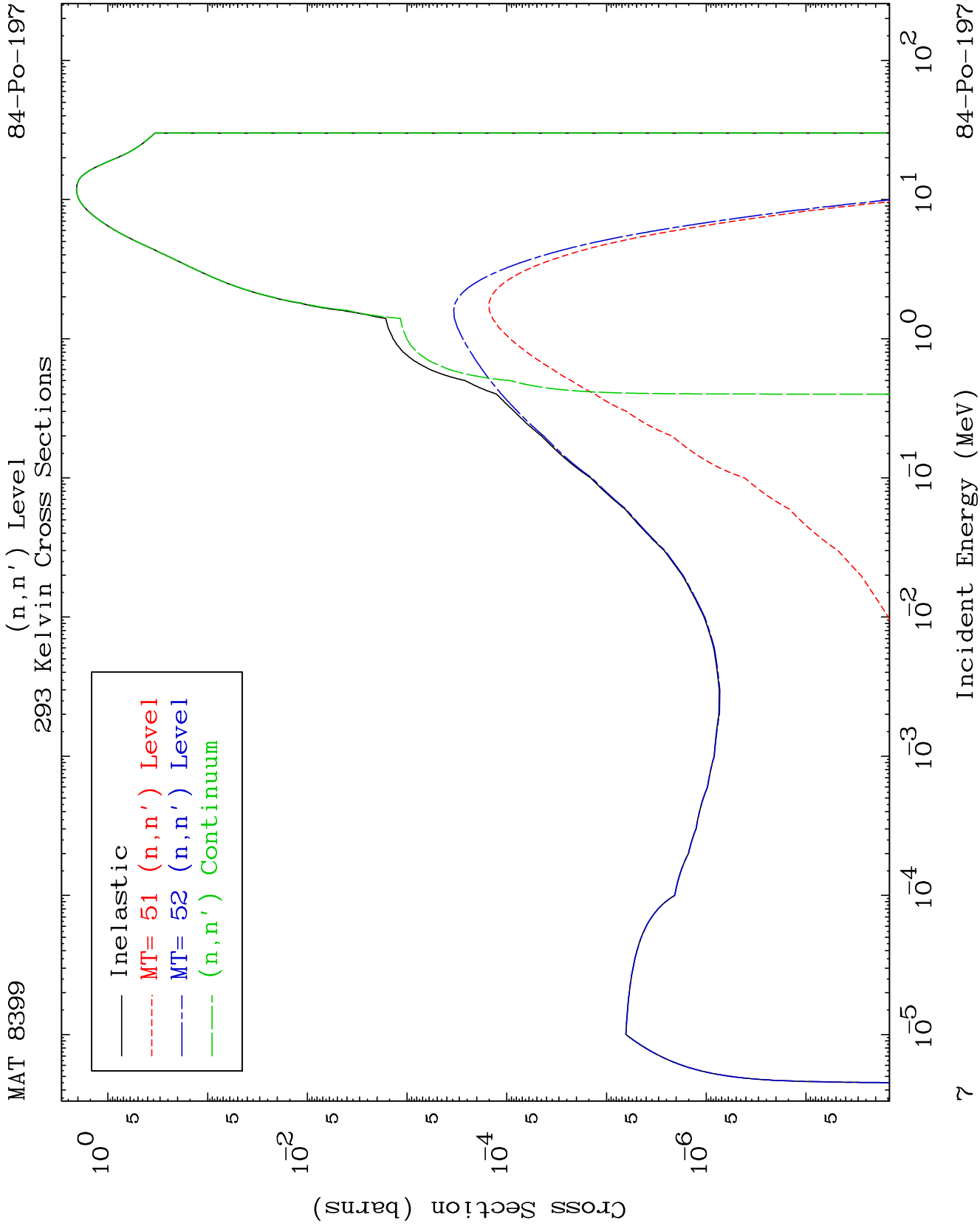


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Particle Production
293 Kelvin Cross Sections

84-Po-197

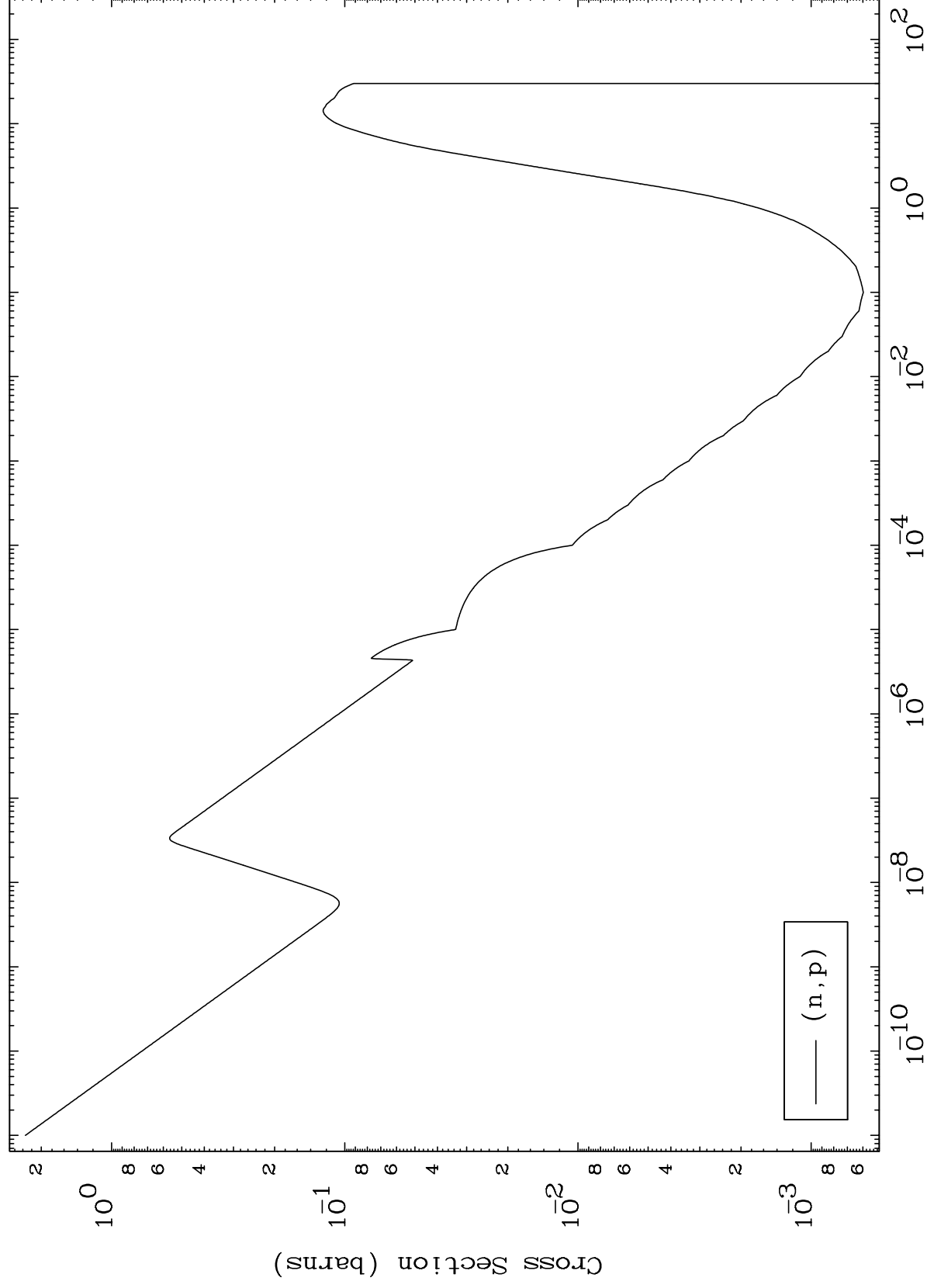


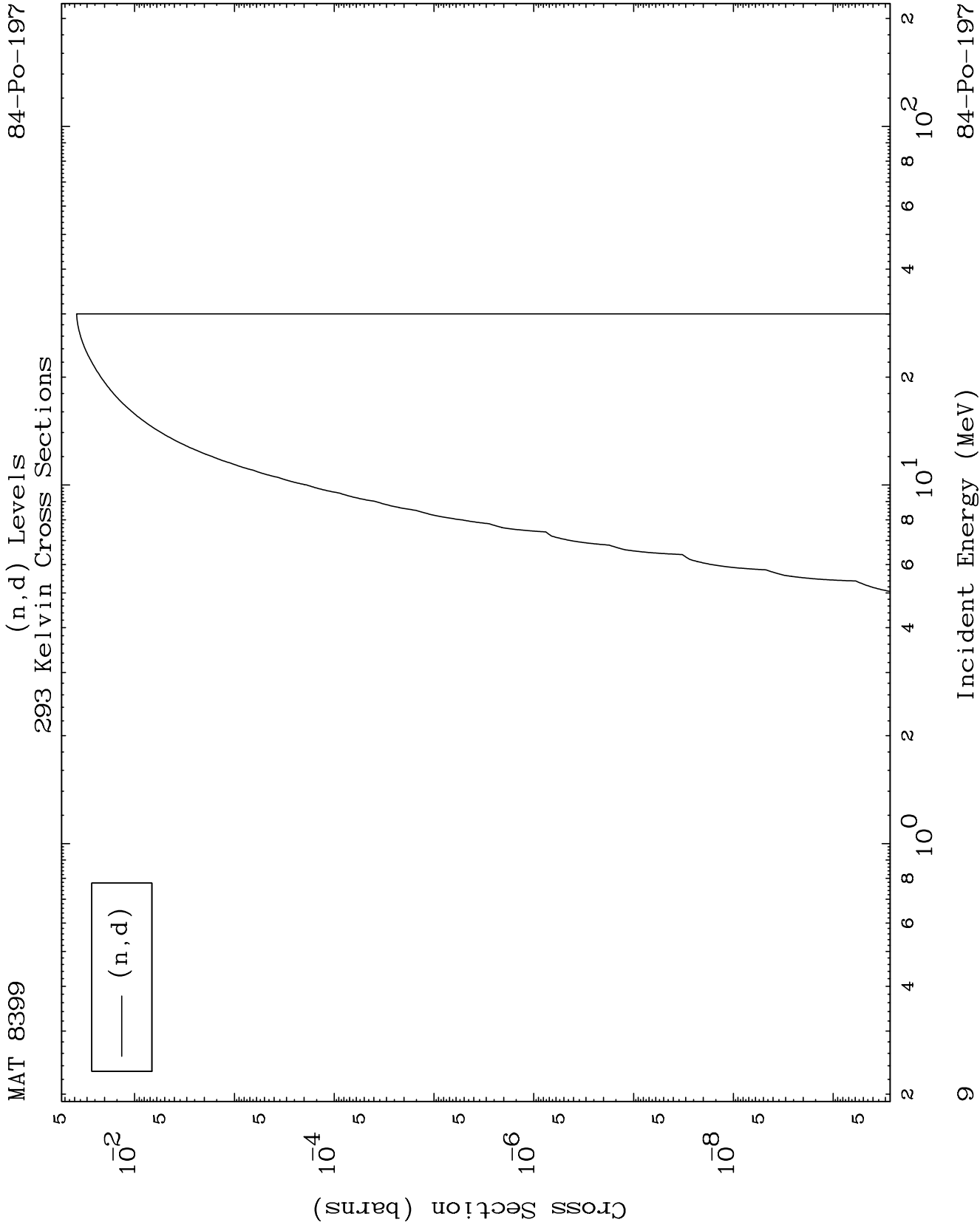


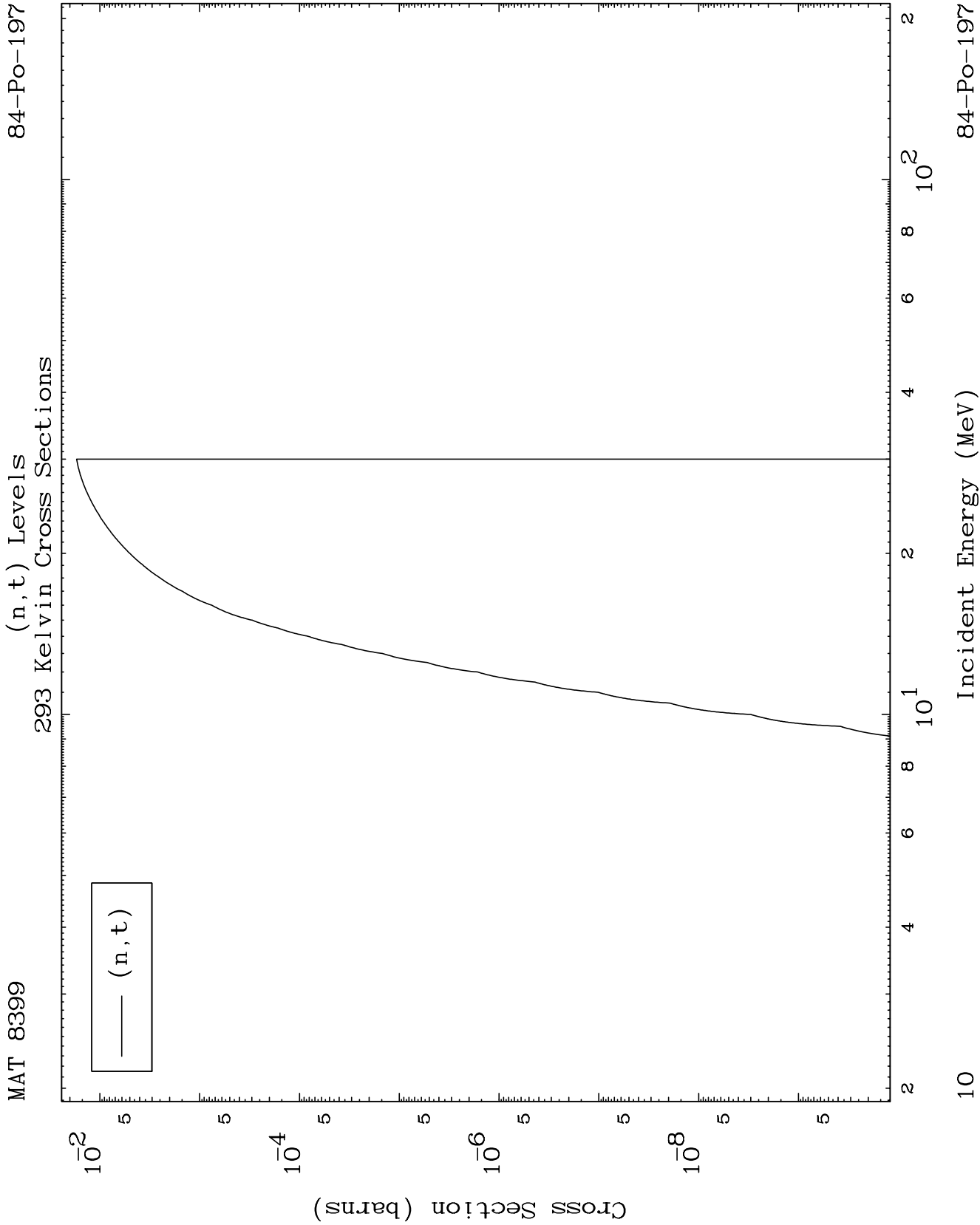
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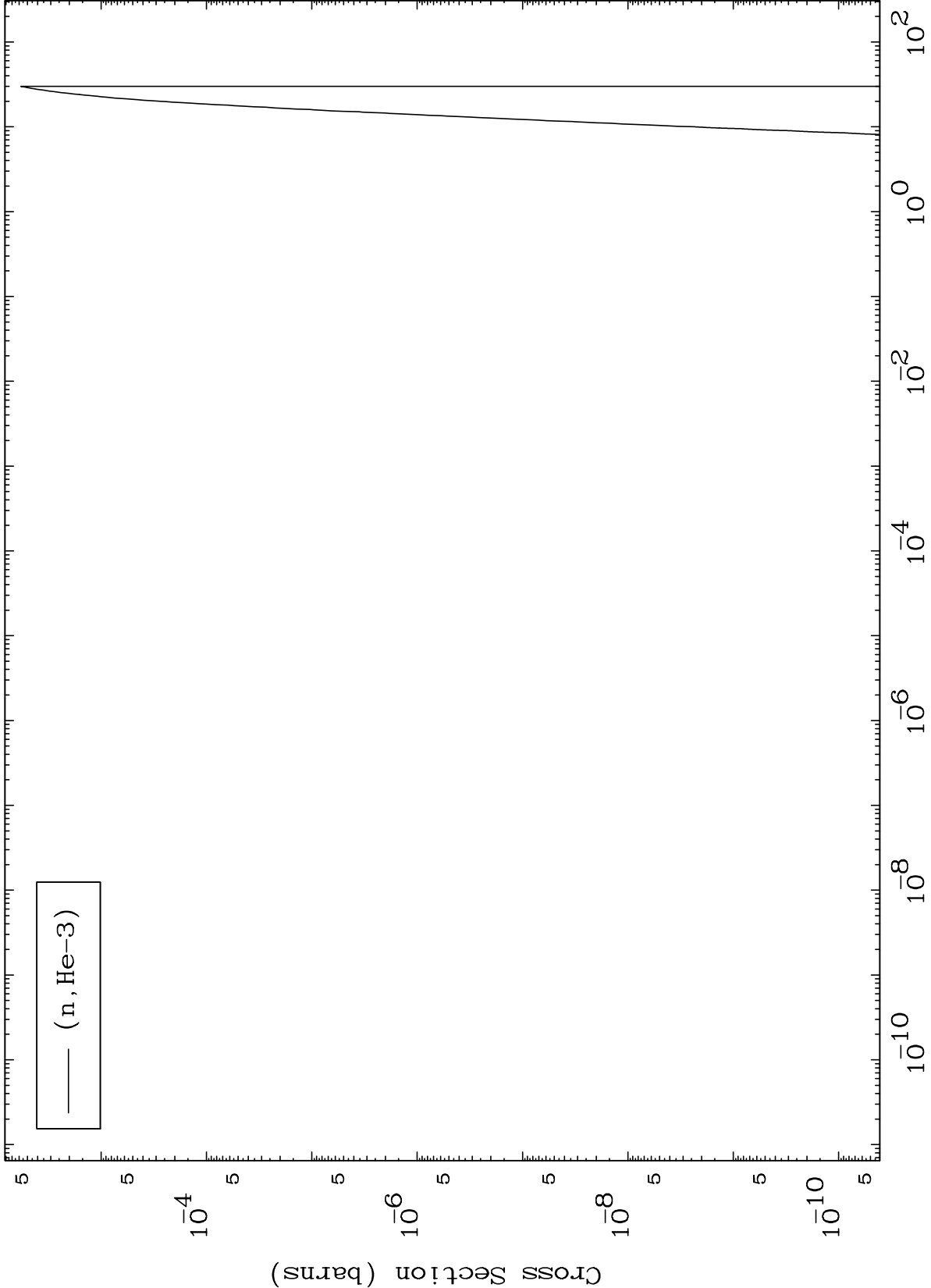
(n,p) Levels
293 Kelvin Cross Sections

84-Po-197





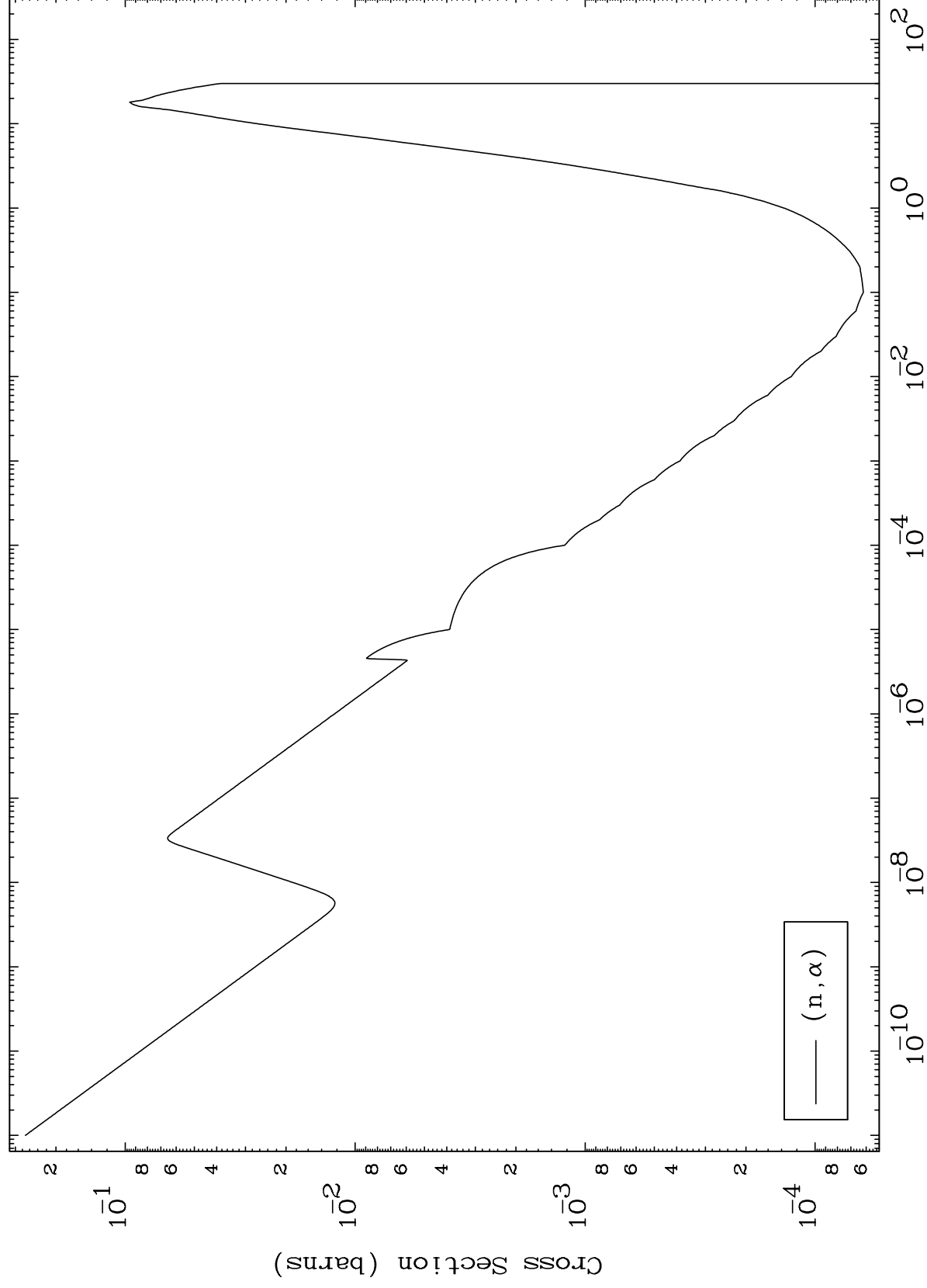




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(n, α) Levels
293 Kelvin Cross Sections

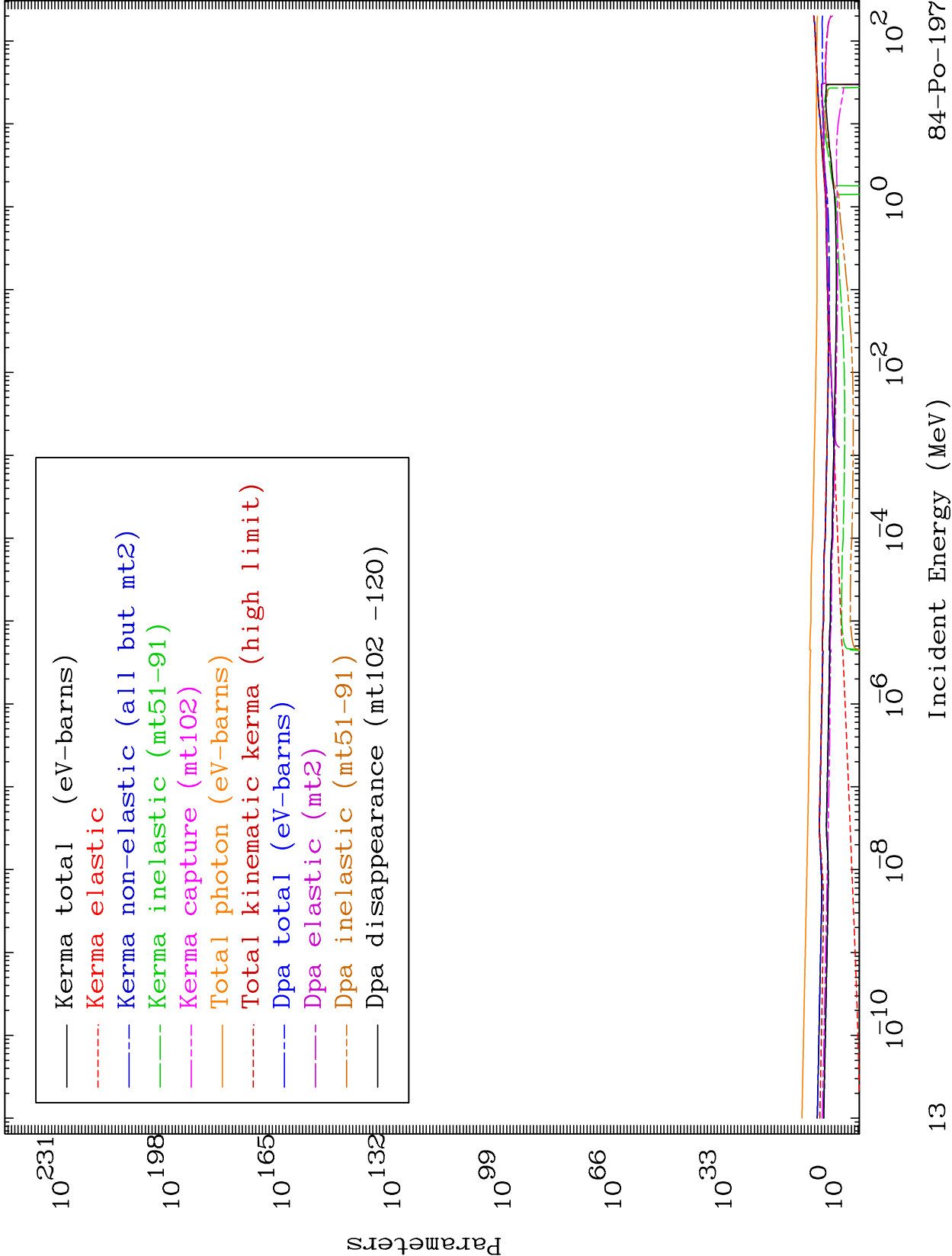
84-Po-197

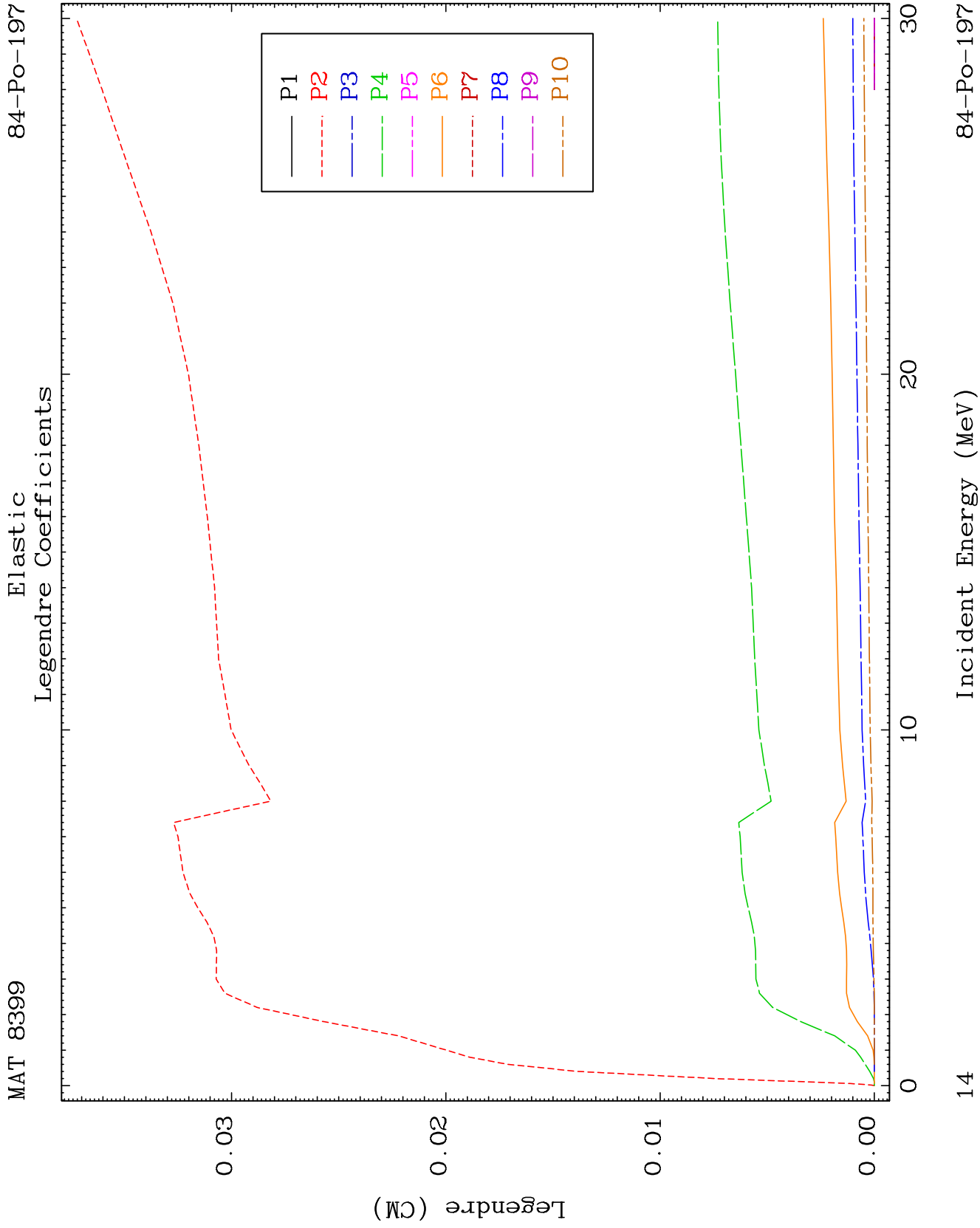


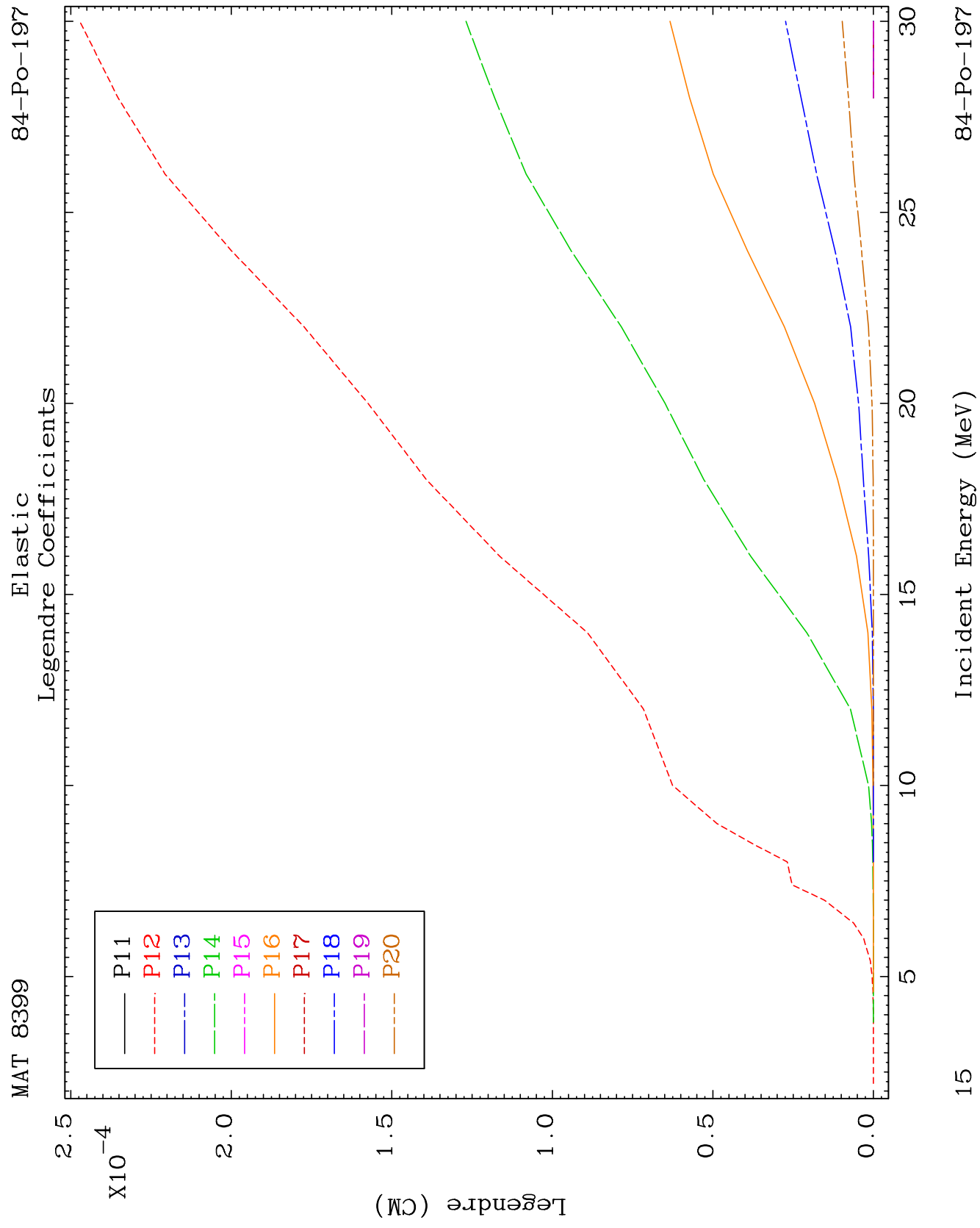
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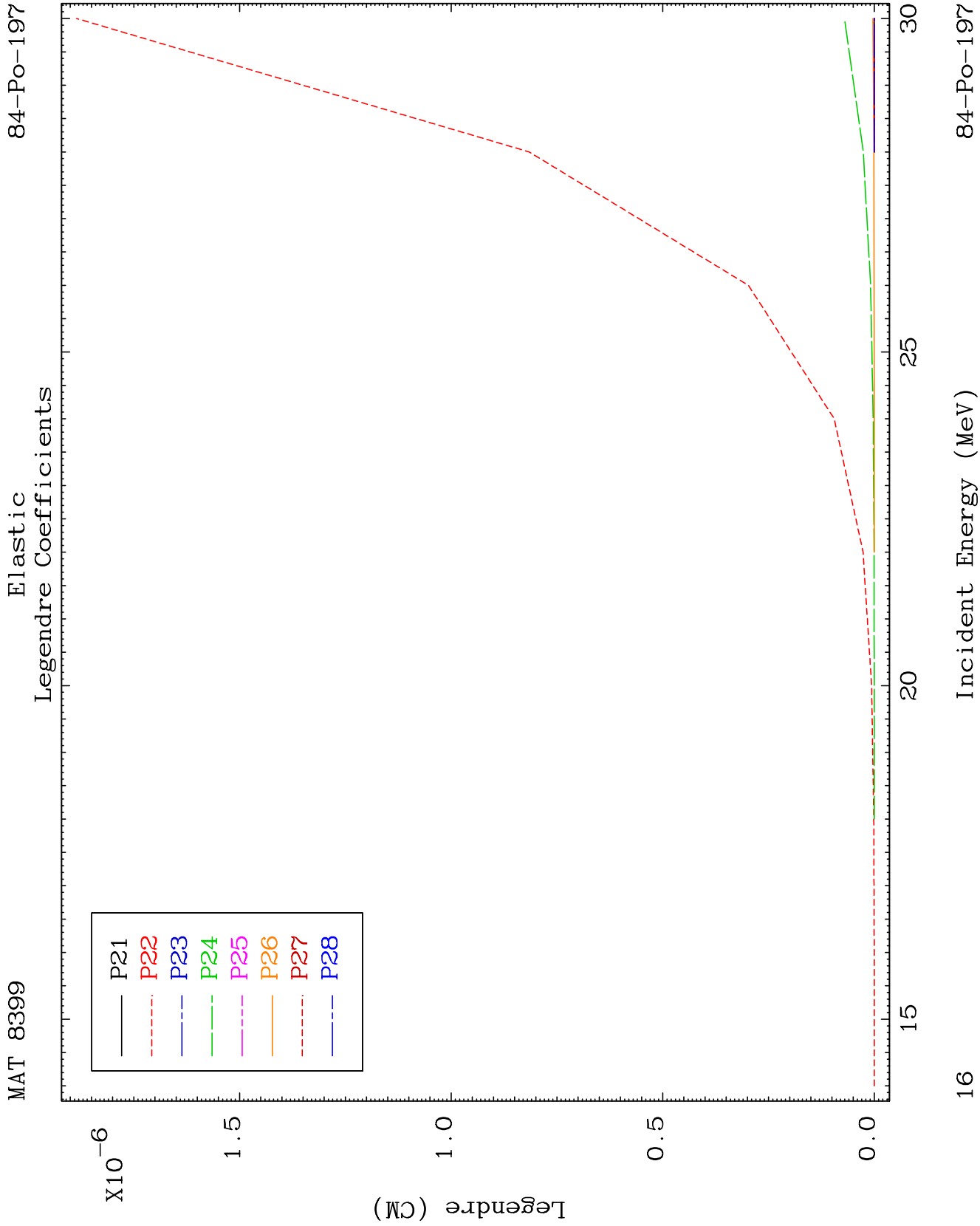
Incident Energy (MeV)

84-Po-197



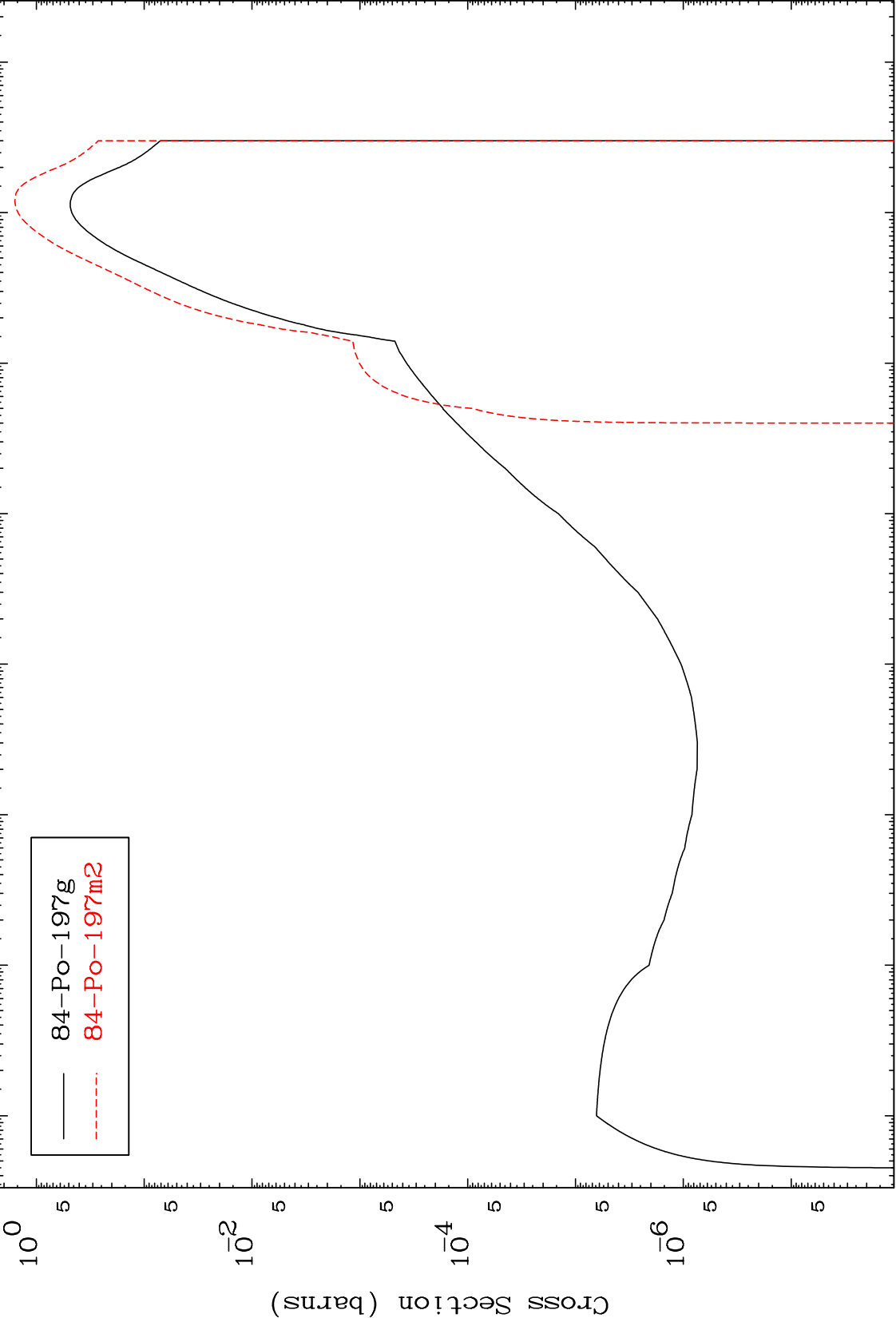






Radionuclide Production Cross Section

Inelastic

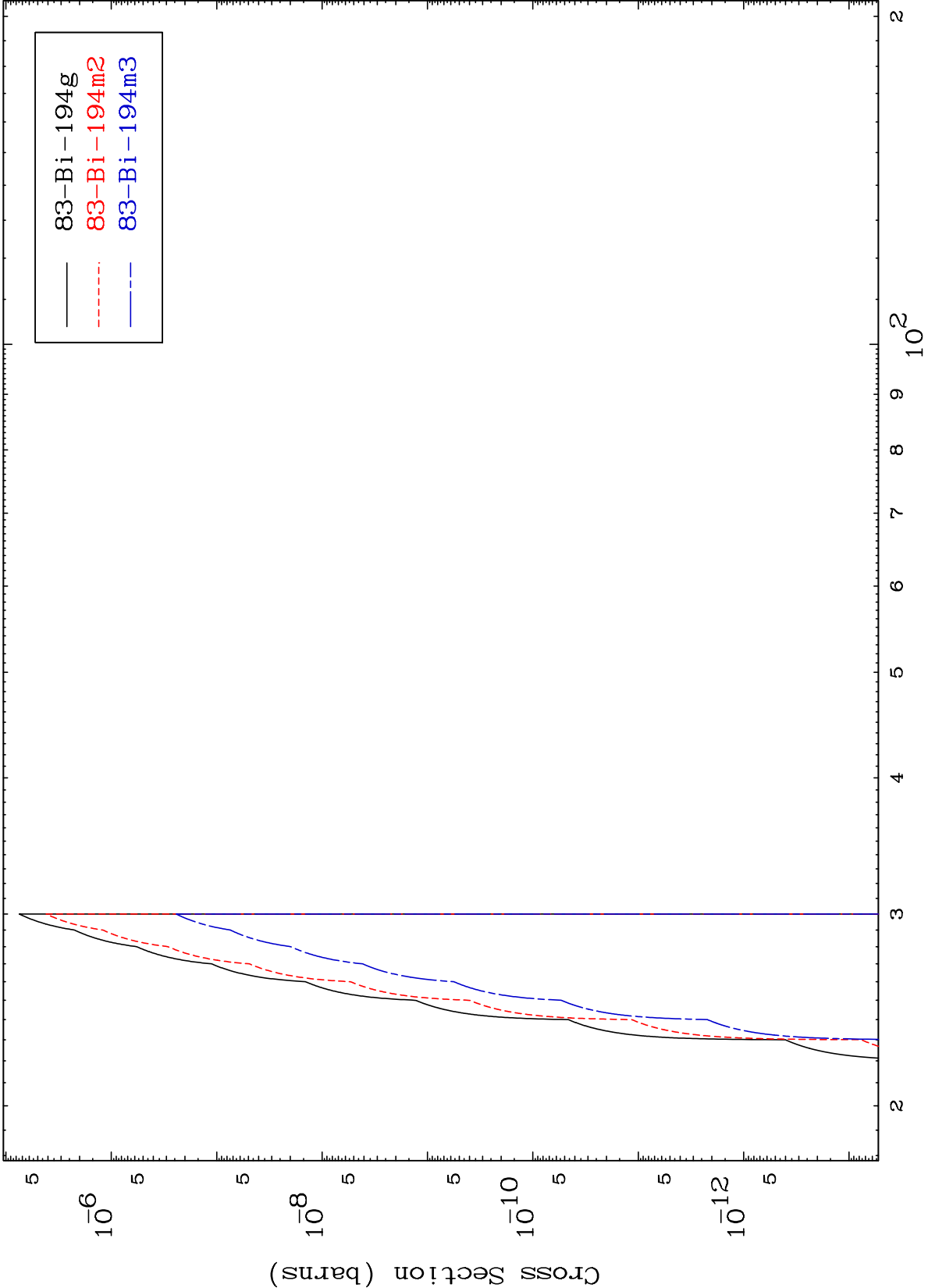


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(n,2n) d

84-Po-197

Radionuclide Production Cross Section



18

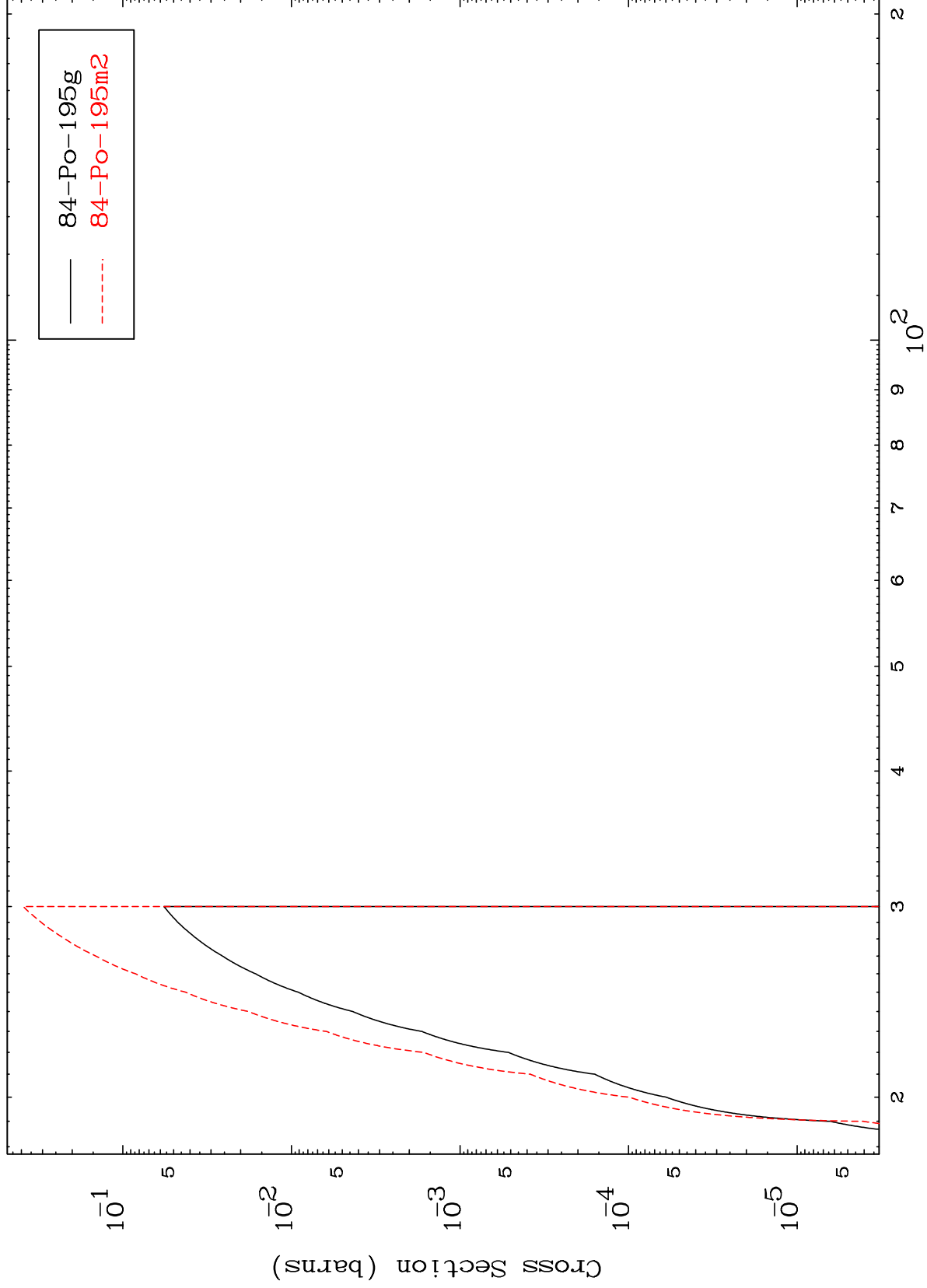
Incident Energy (MeV)

84-Po-197

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84-Po-197

Radionuclide Production Cross Section
(n,3n)



84-Po-197

Incident Energy (MeV)

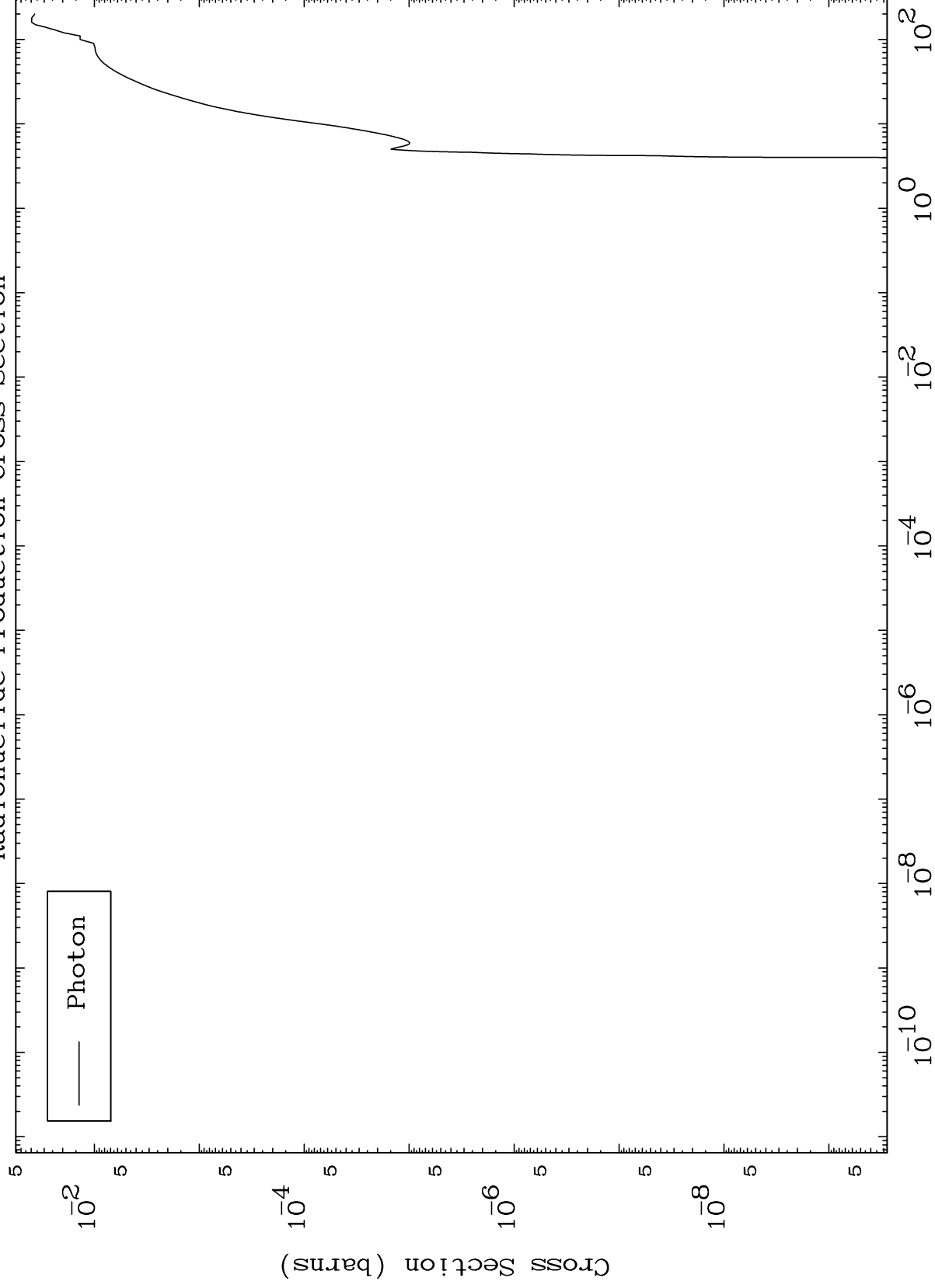
19

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Fission

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Radionuclide Production Cross Section



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Incident Energy (MeV)

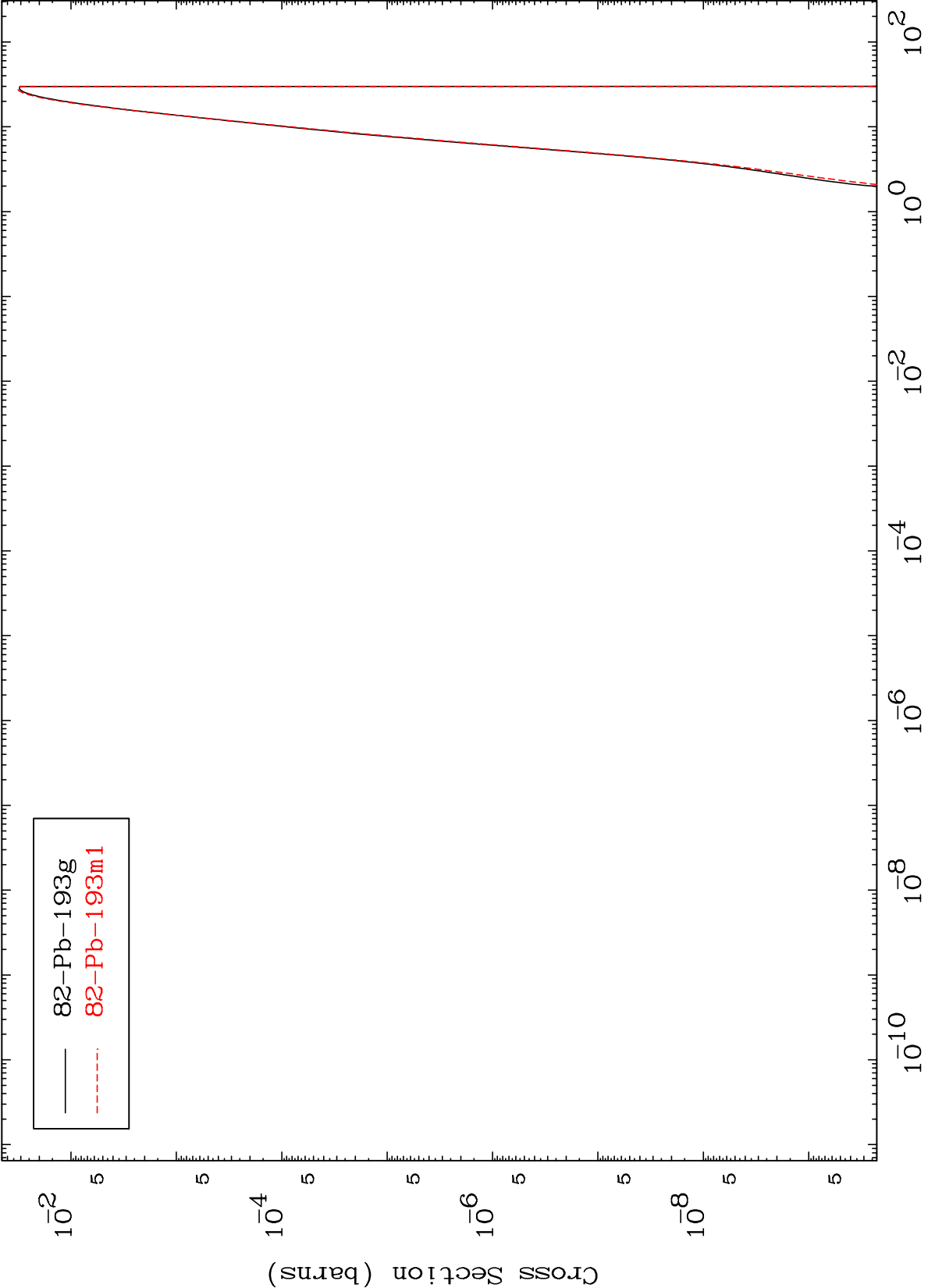
84-Po-197

MAT 8399

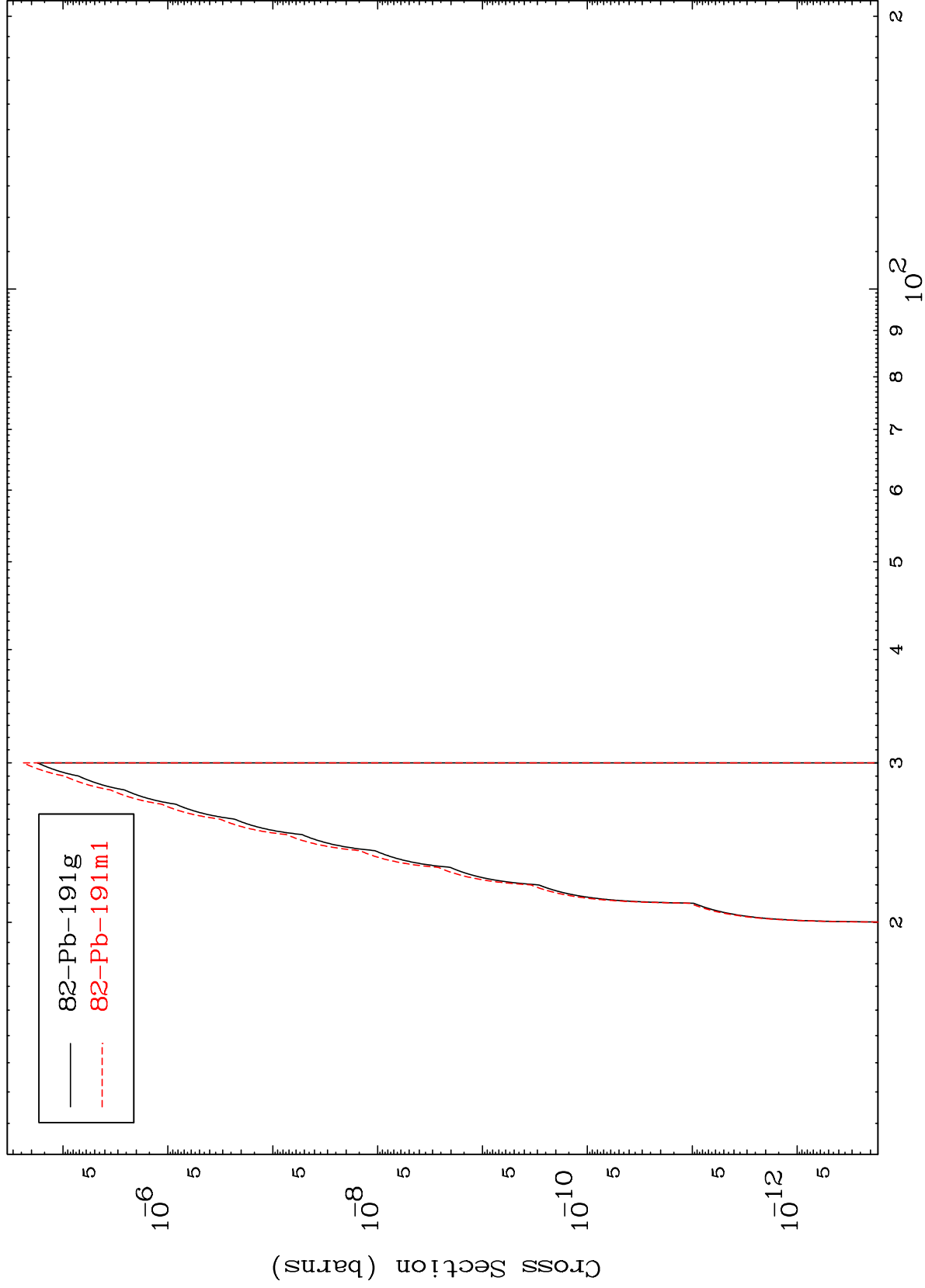
(n,n') α

84-Po-197

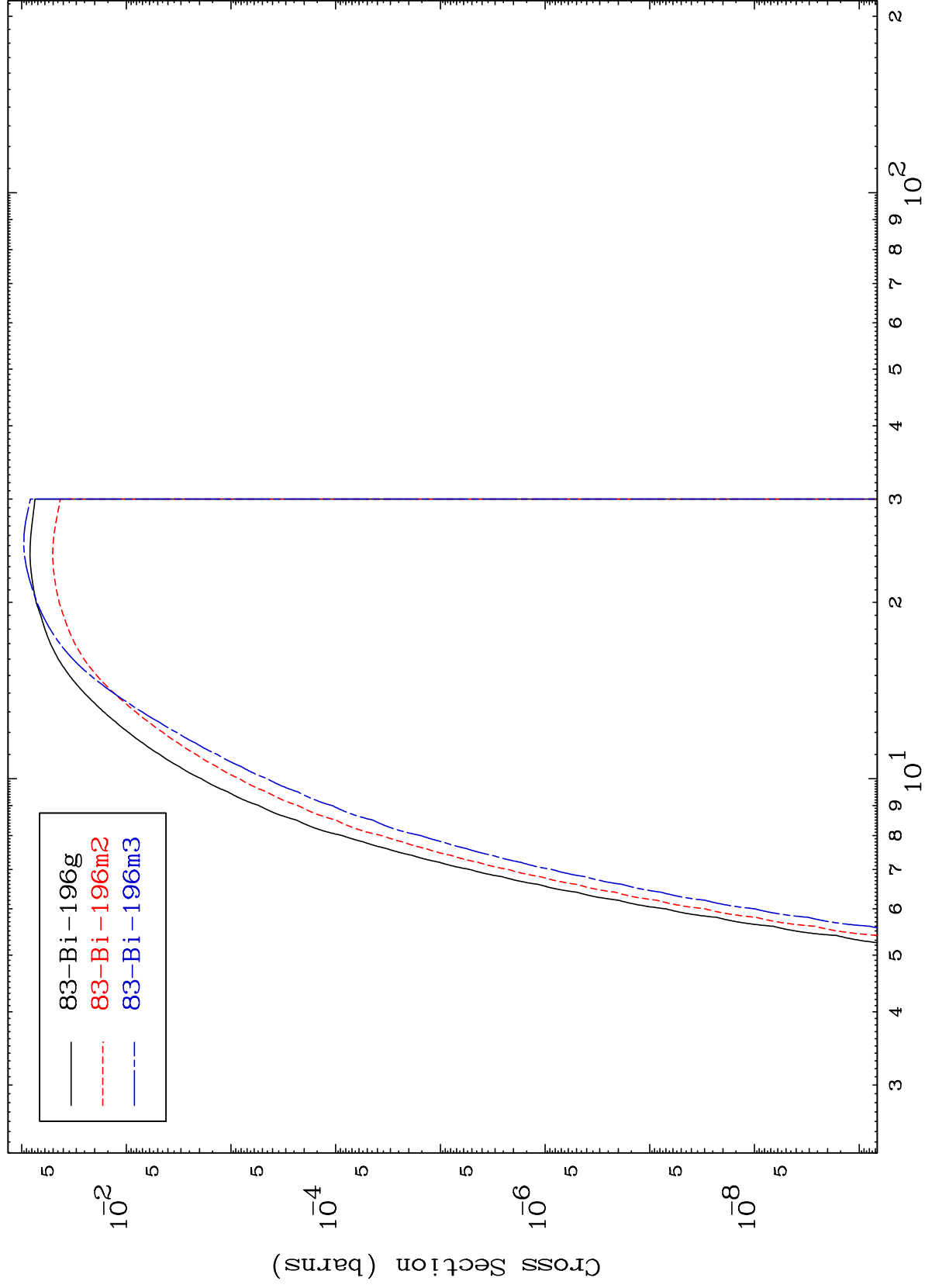
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n,3n) α



Radionuclide Production Cross Section
(n,n') p

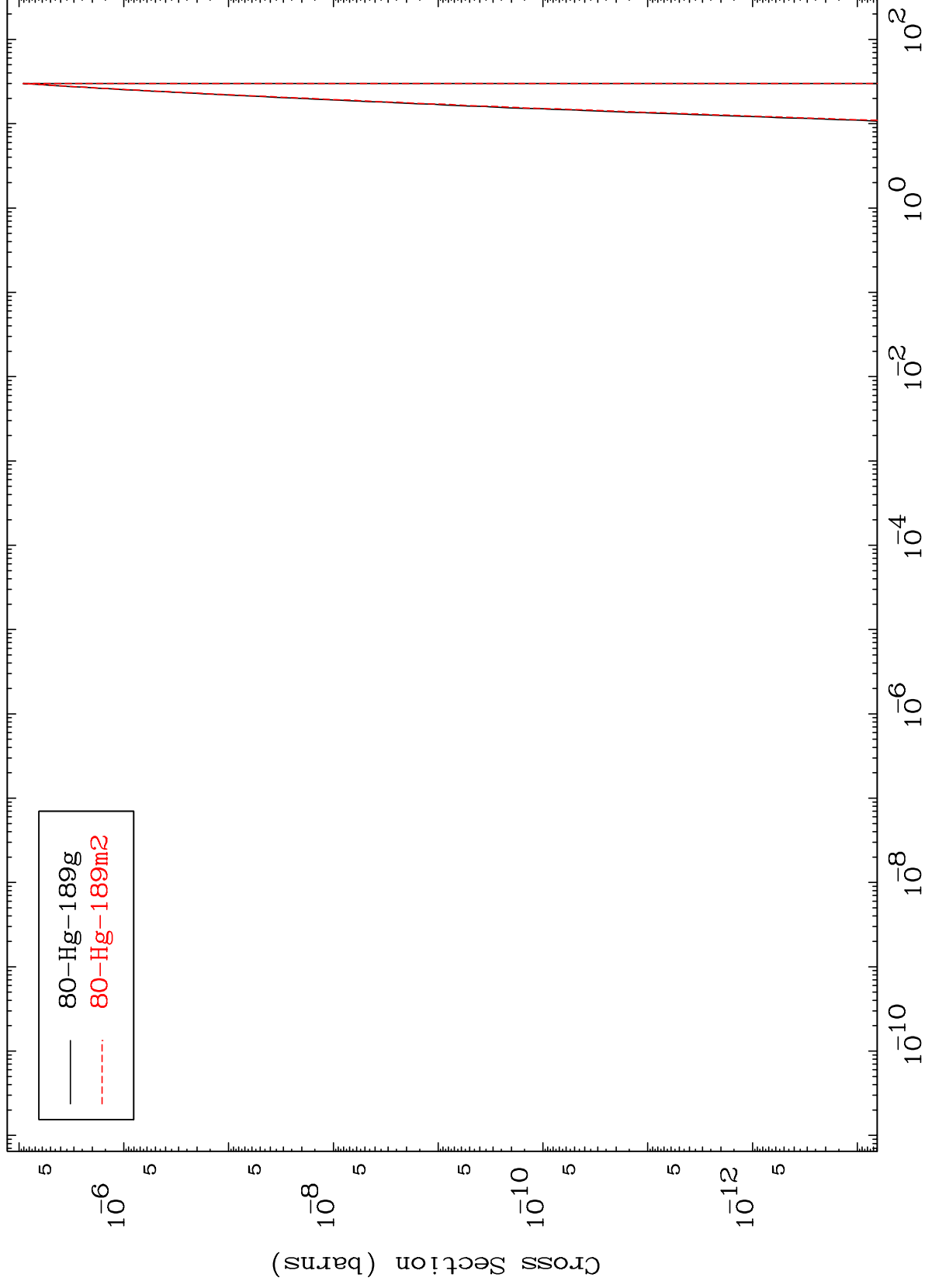


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(n,n') 2 α

84-Po-197

Radionuclide Production Cross Section



24

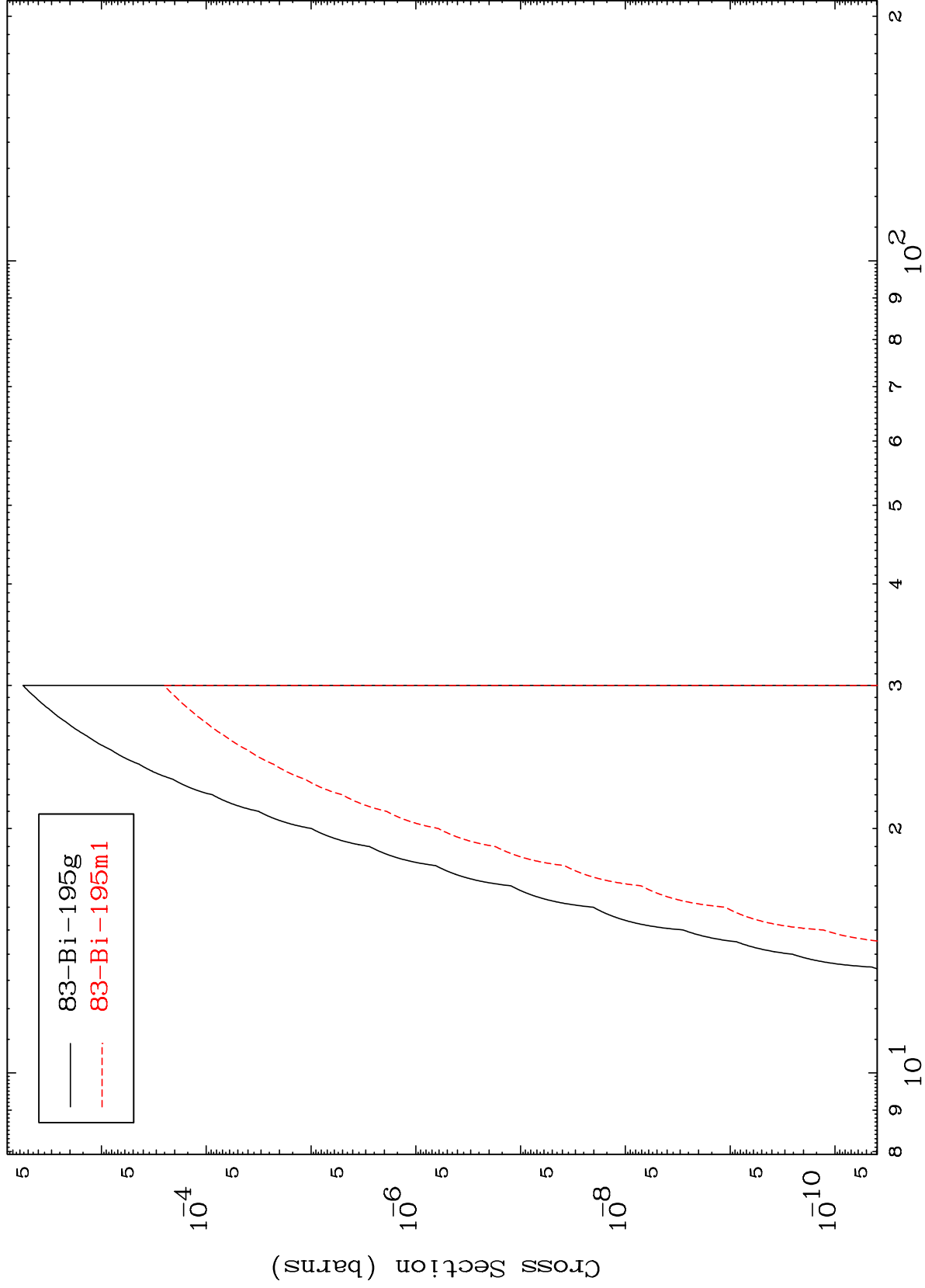
Incident Energy (MeV)

84-Po-197

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84-Po-197

Radionuclide Production Cross Section
(n,n') d

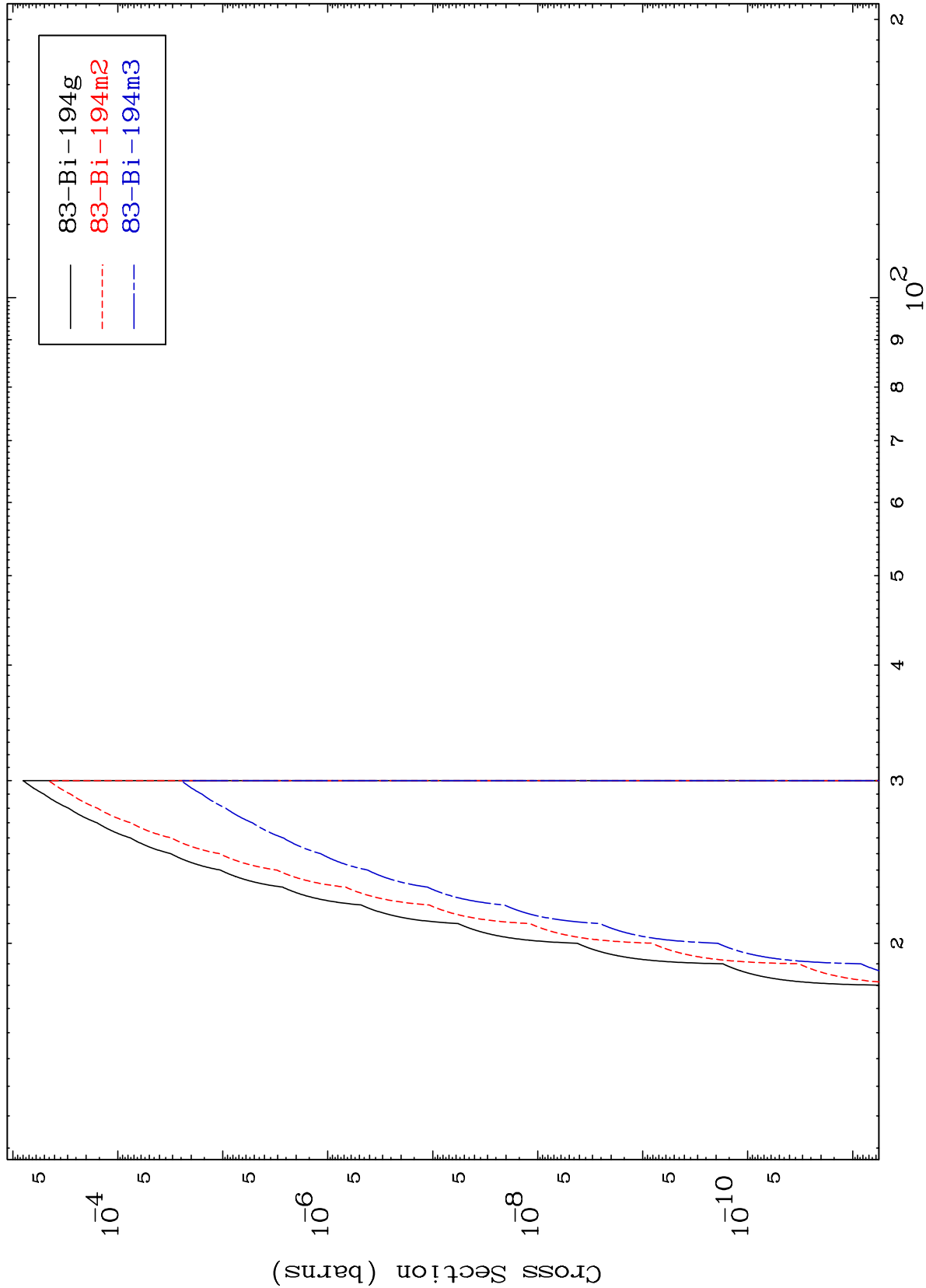


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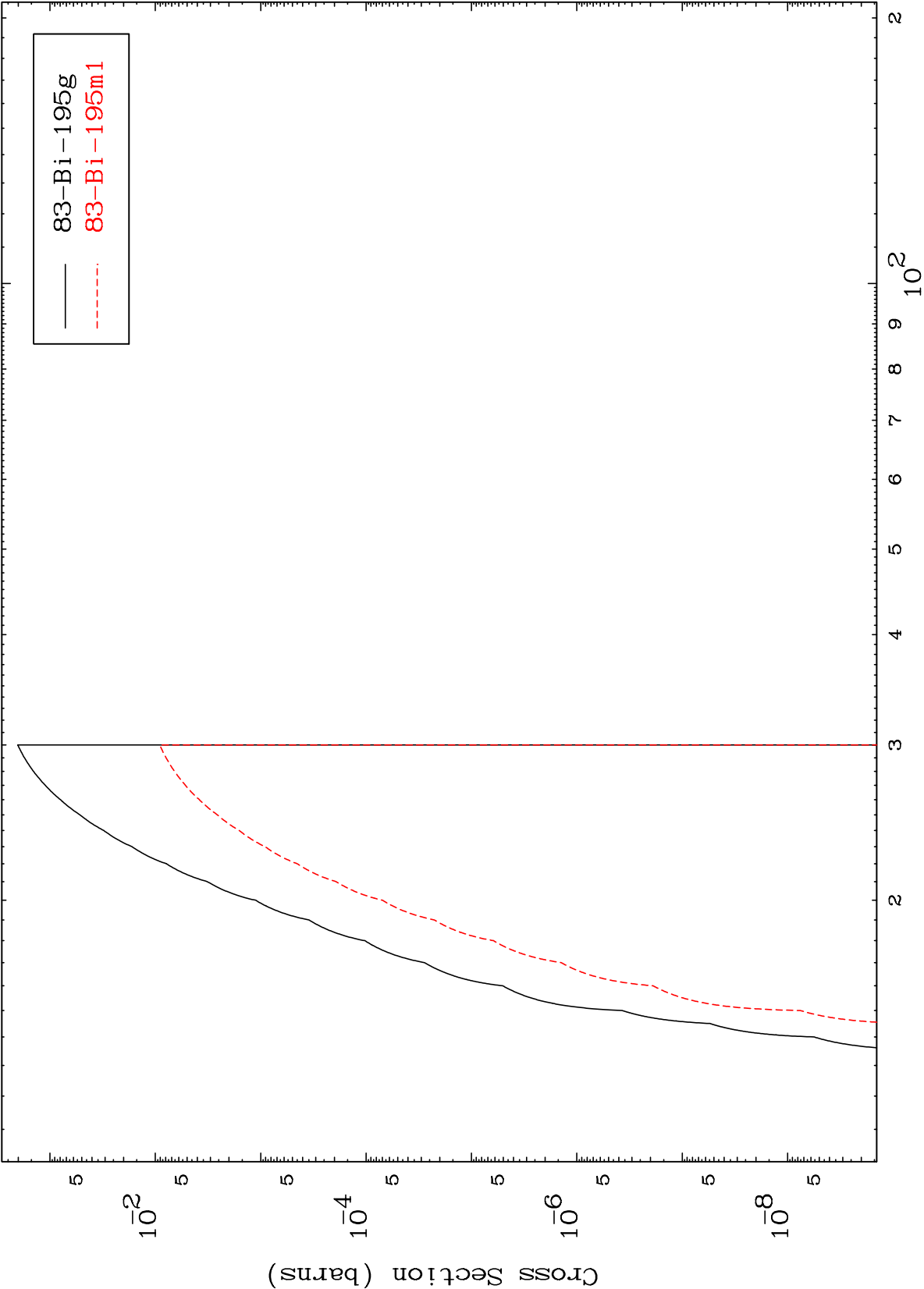
Incident Energy (MeV)

84-Po-197

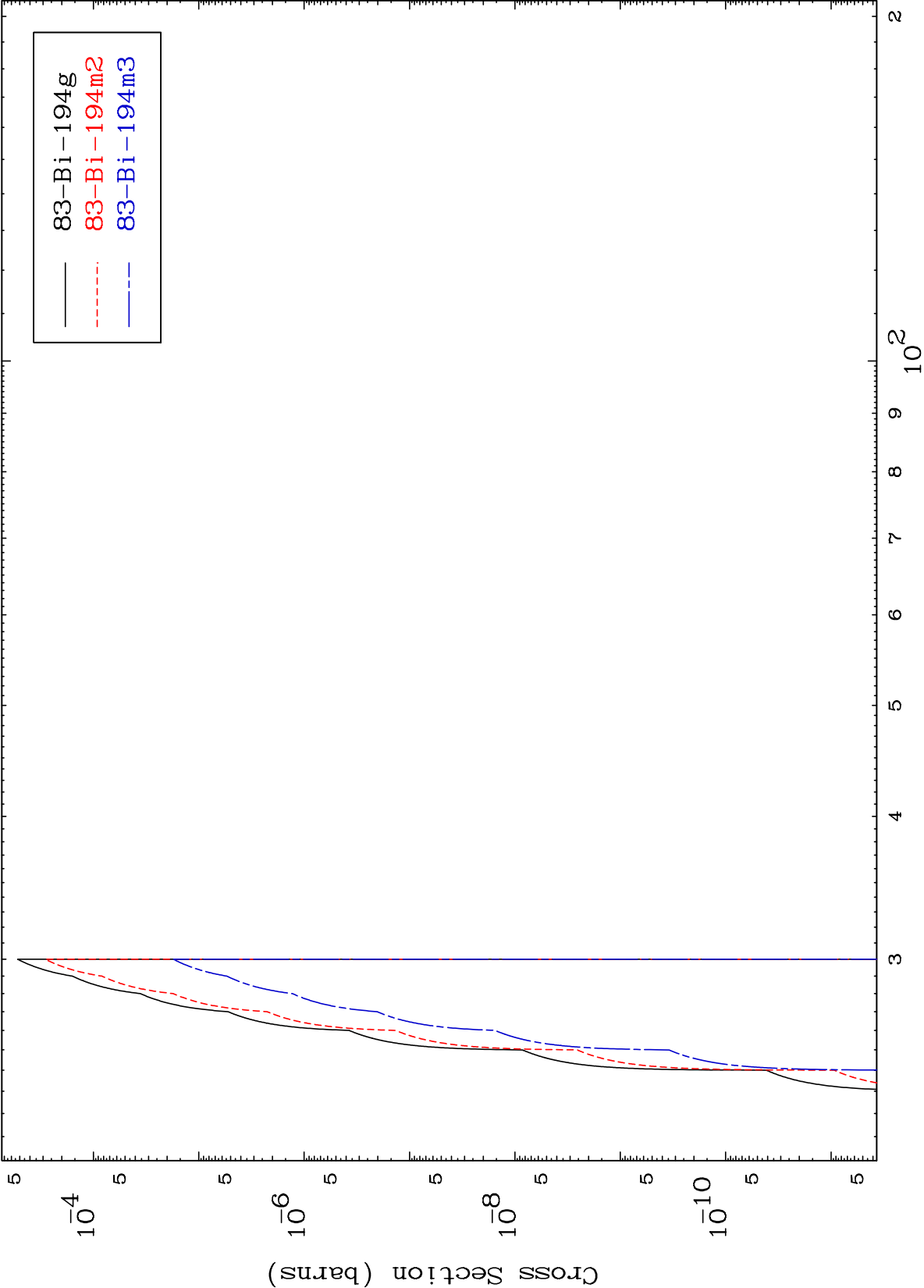
(n,n') t
Radionuclide Production Cross Section



(n,2n) p
Radionuclide Production Cross Section



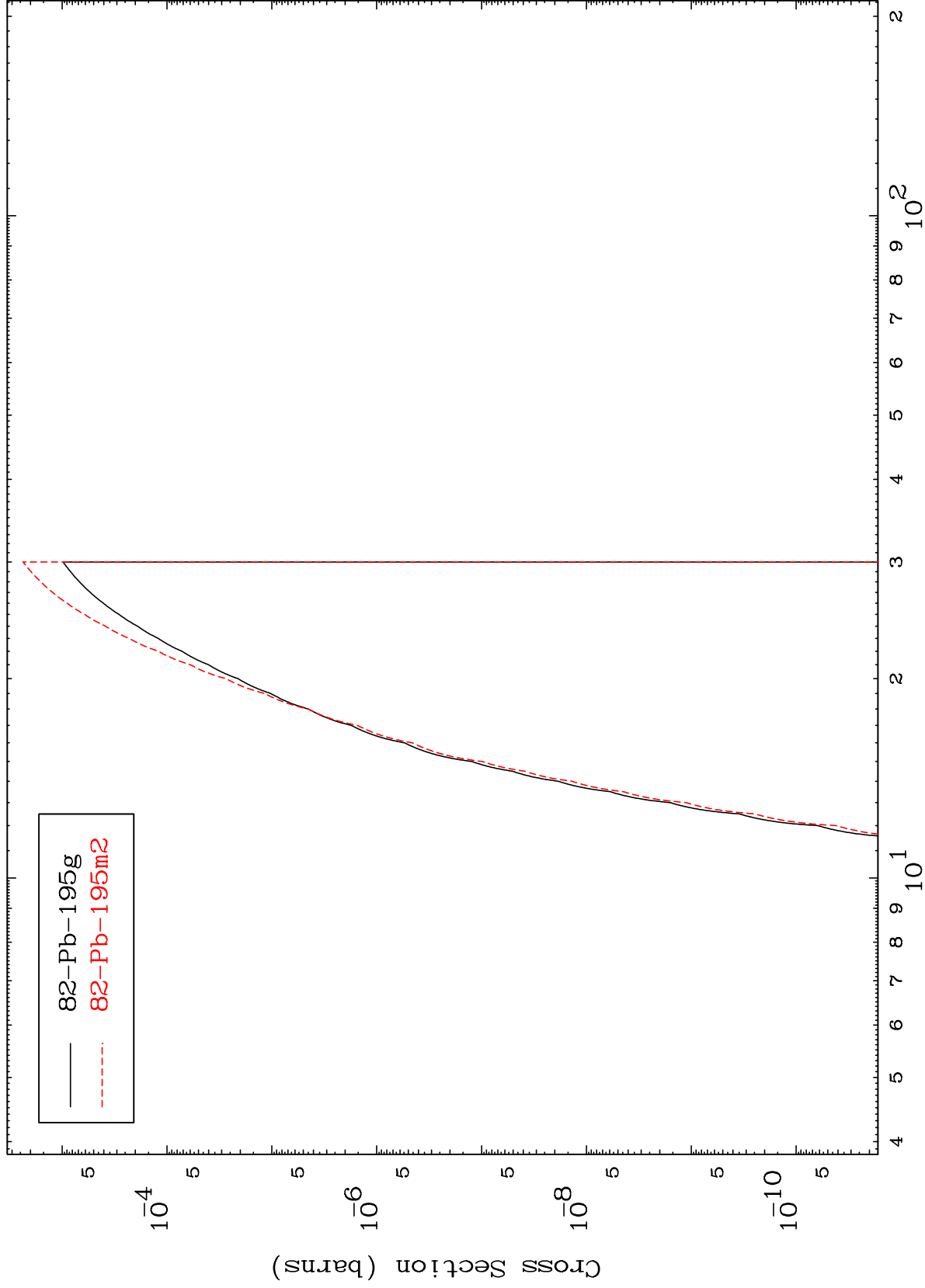
(n,3n) p
Radionuclide Production Cross Section



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84-Po-197

(n,2n) p
Radionuclide Production Cross Section

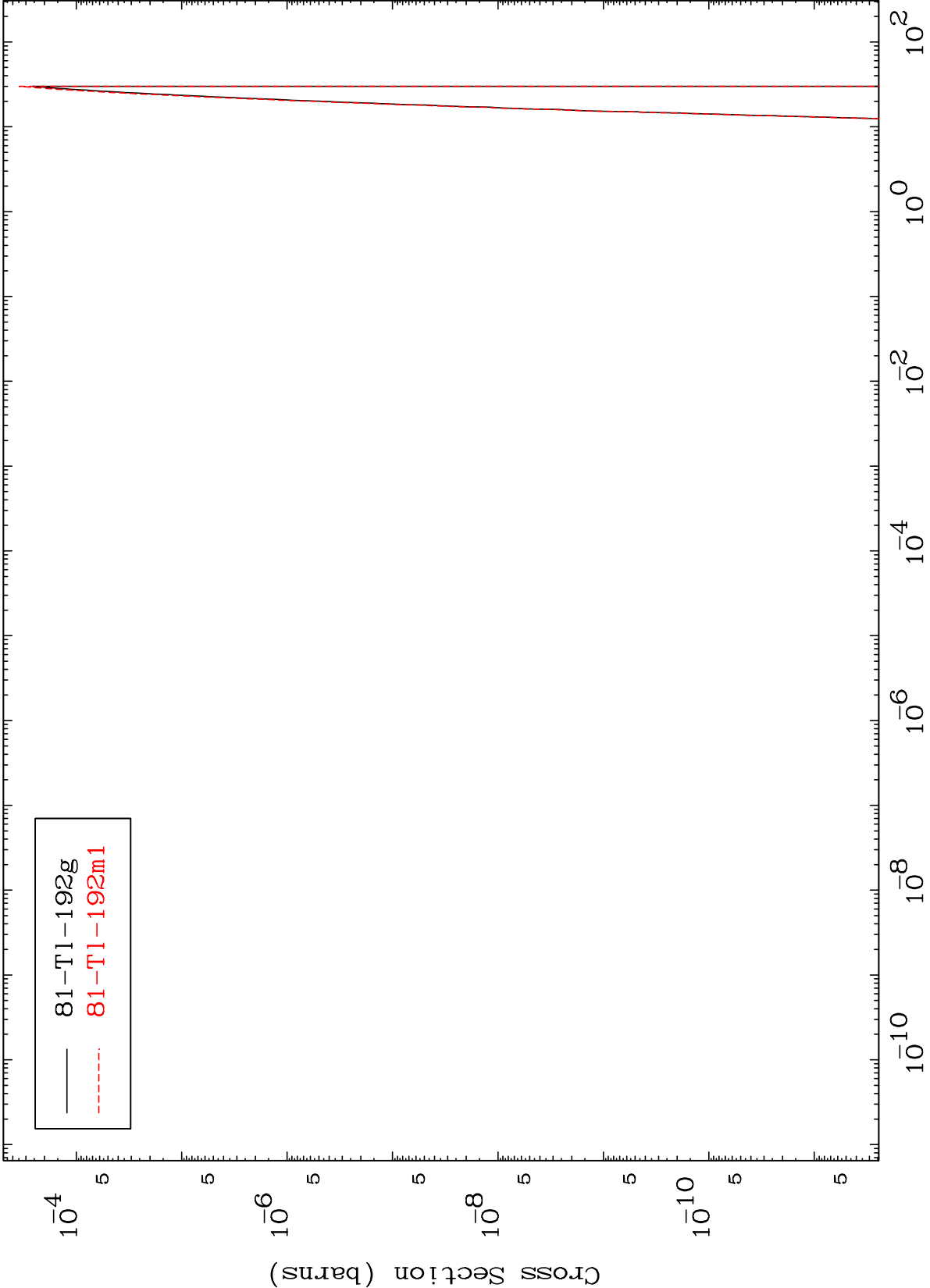


29

Incident Energy (MeV)

84-Po-197

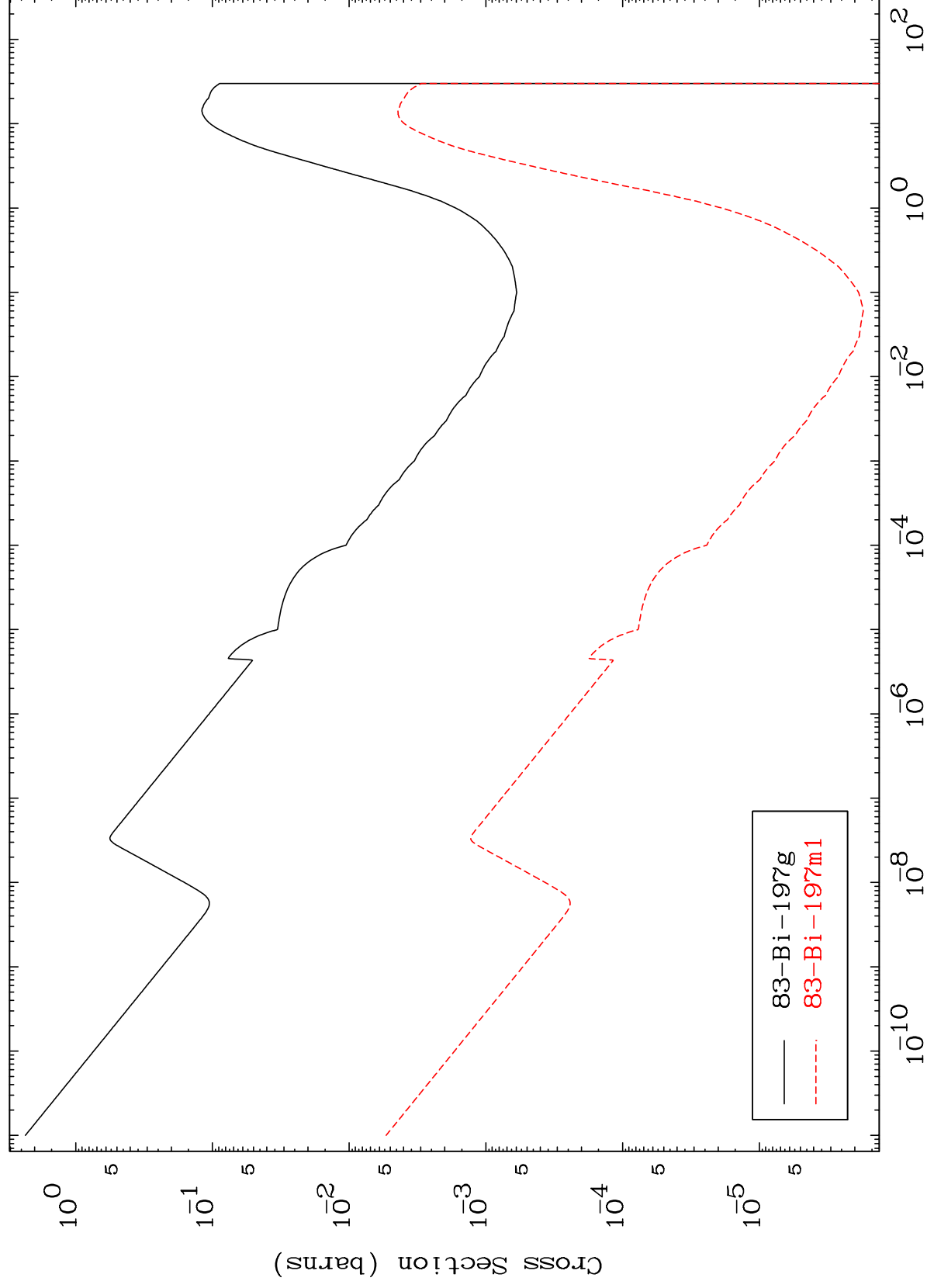
Radionuclide Production Cross Section



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84-Po-197

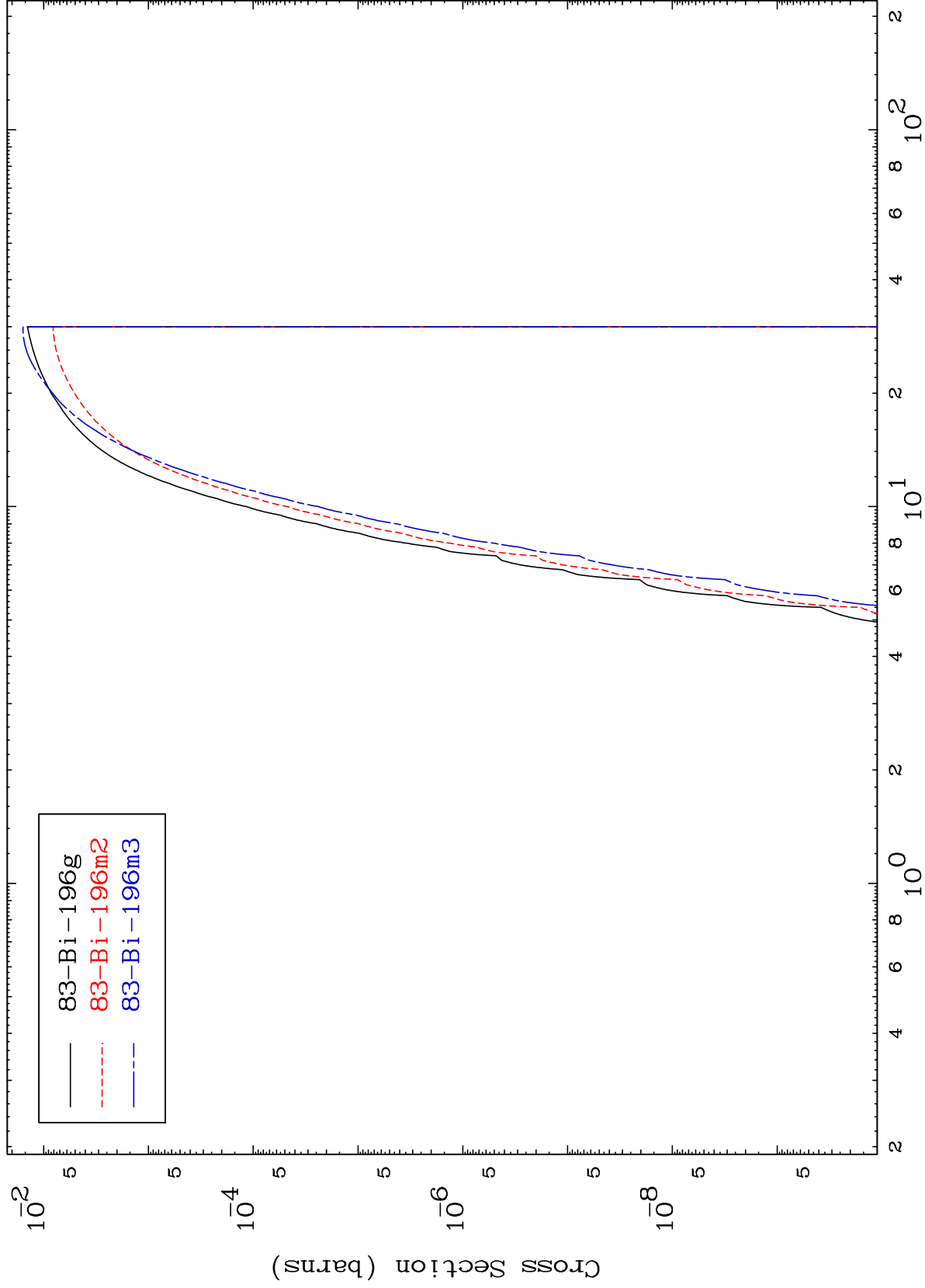
(n,p)
Radionuclide Production Cross Section



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84-Po-197

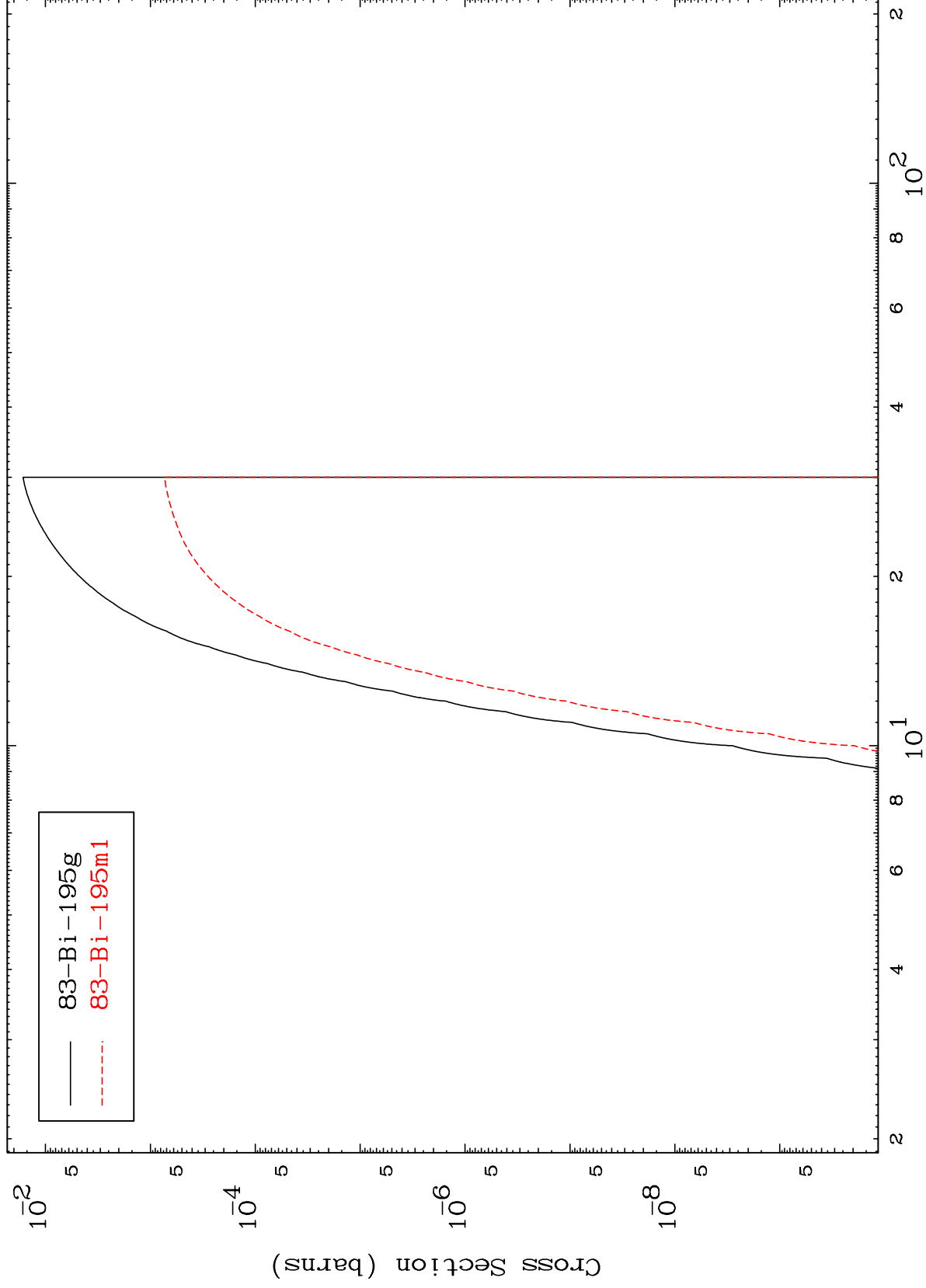
(n,d)
Radionuclide Production Cross Section



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84-Po-197

Radionuclide Production Cross Section
(n,t)



33

Incident Energy (MeV)

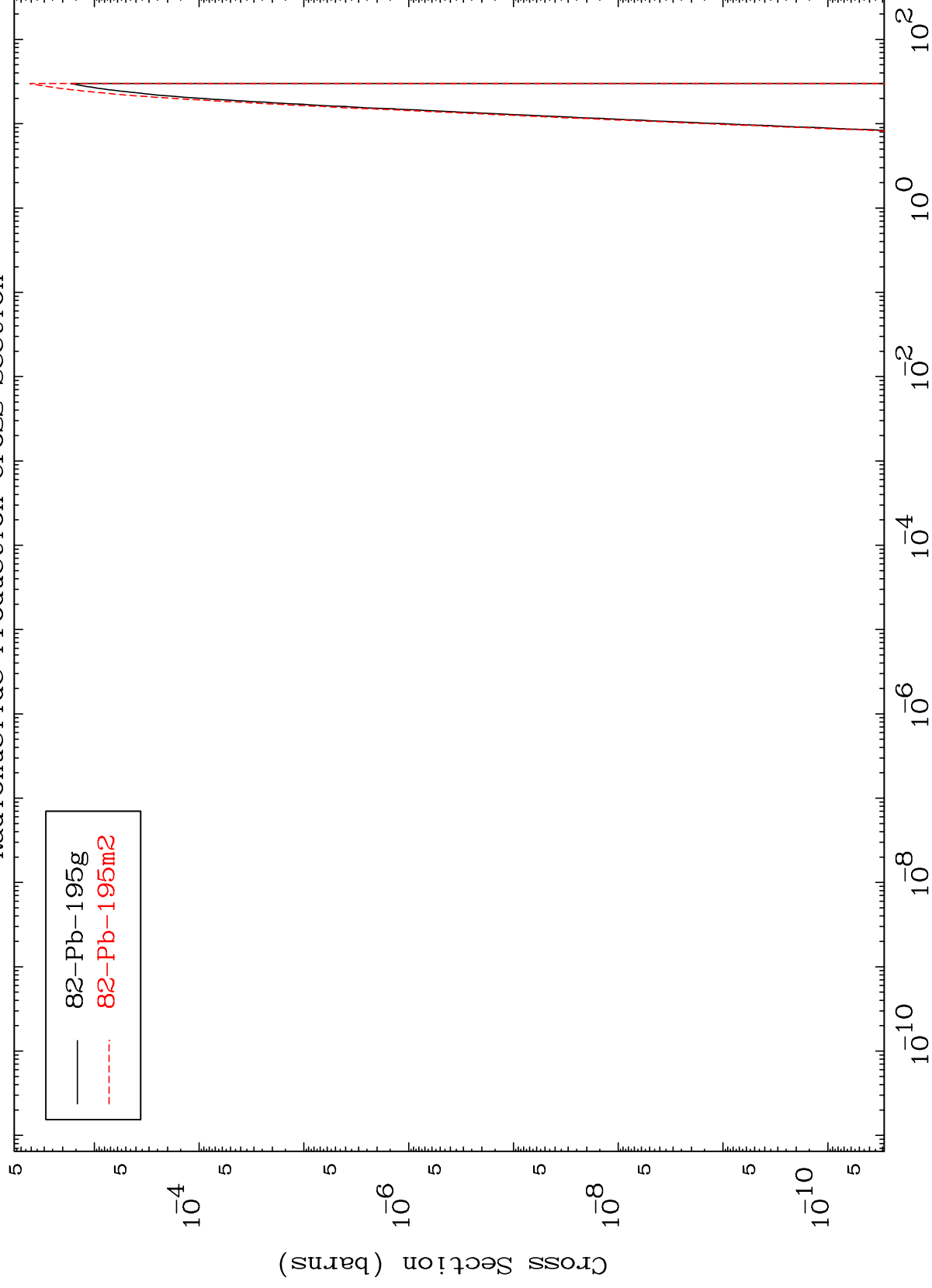
84-Po-197

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(n,He-3)

84-Po-197

Radionuclide Production Cross Section



34

Incident Energy (MeV)

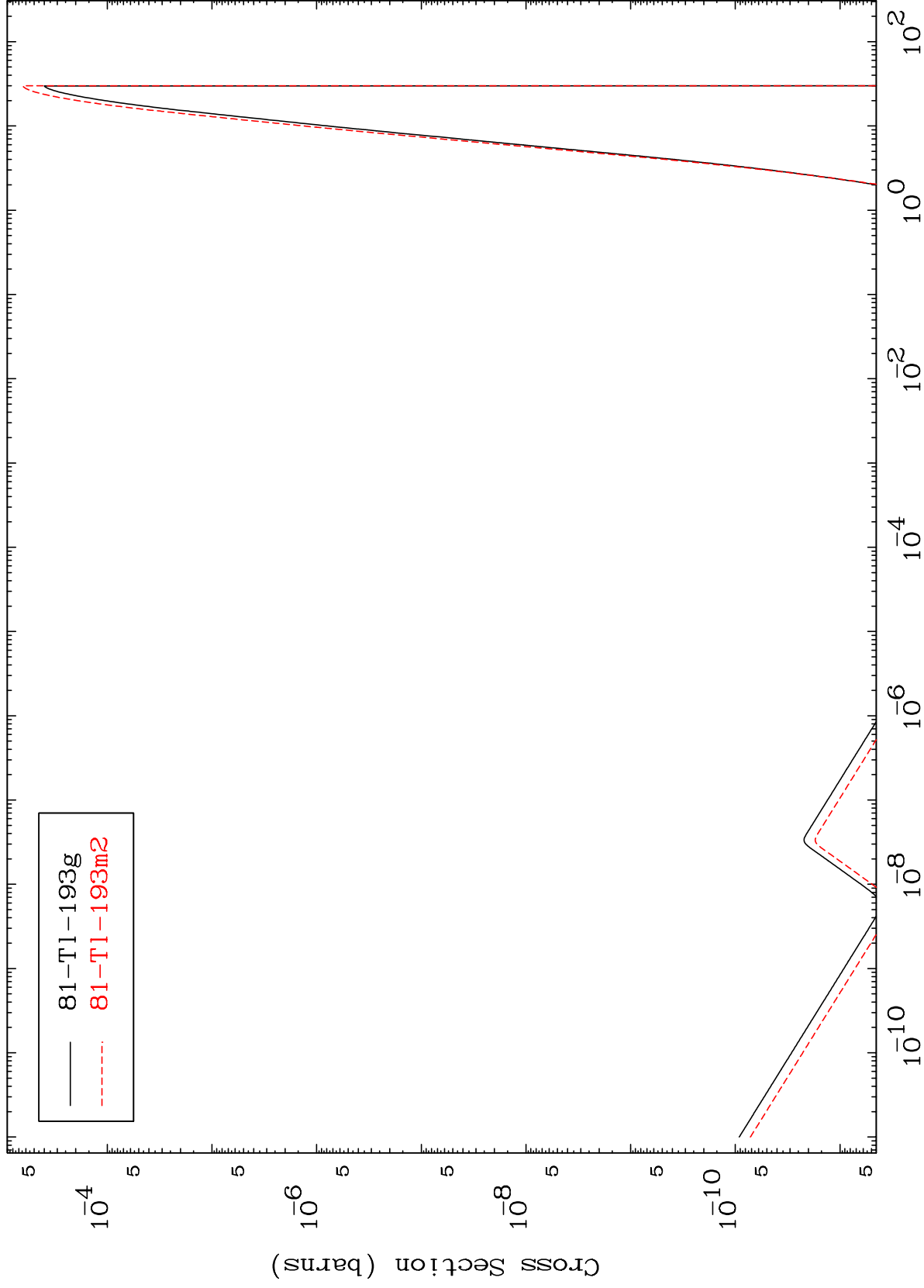
84-Po-197

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(n,p) α

84-Po-197

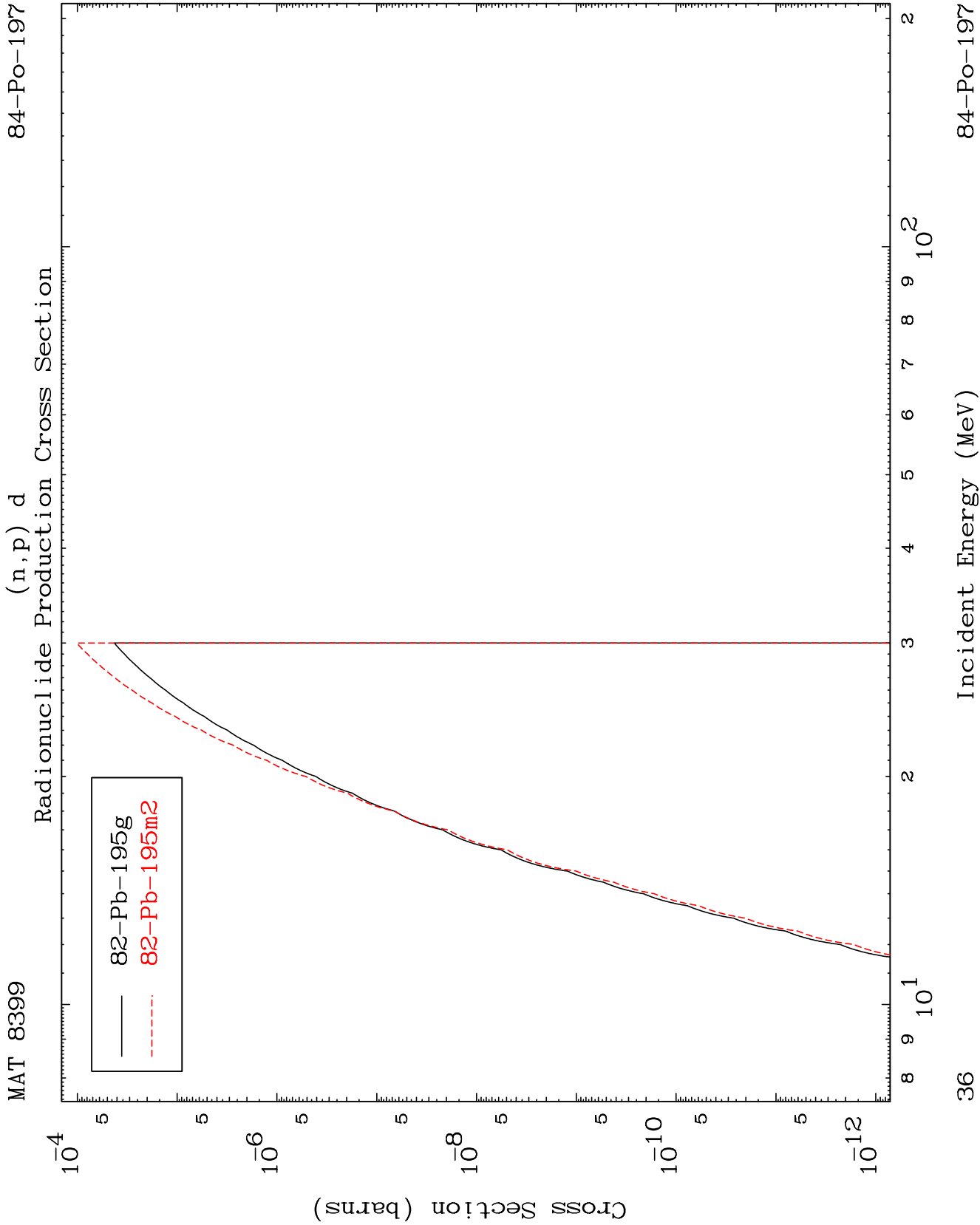
Radionuclide Production Cross Section



35

Incident Energy (MeV)

84-Po-197

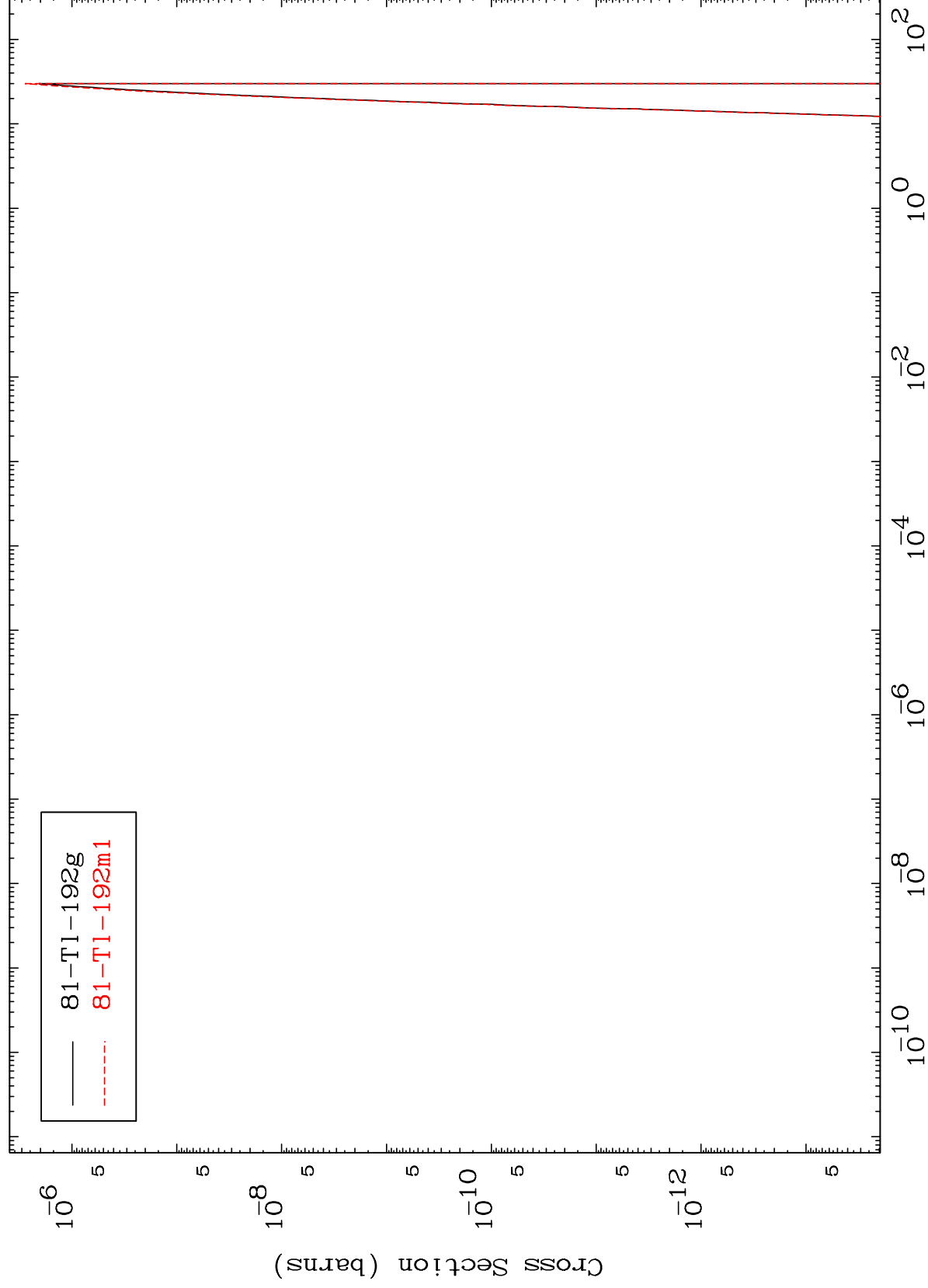


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(n,d) α

84-Po-197

Radionuclide Production Cross Section



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84-Po-197