

Program EVALPLOT
(Version 2015-2)

by

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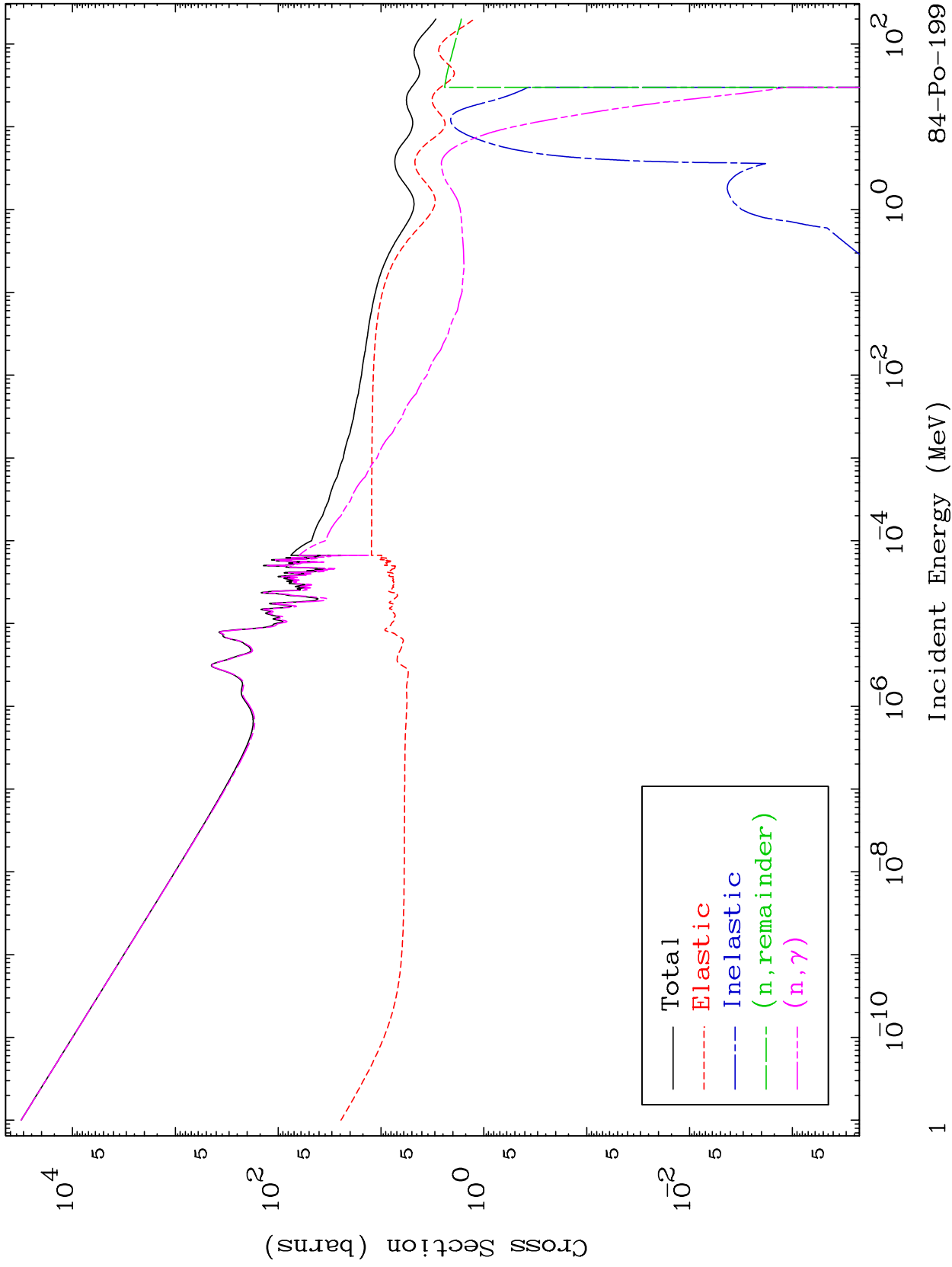
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8405

Major
293 Kelvin Cross Sections

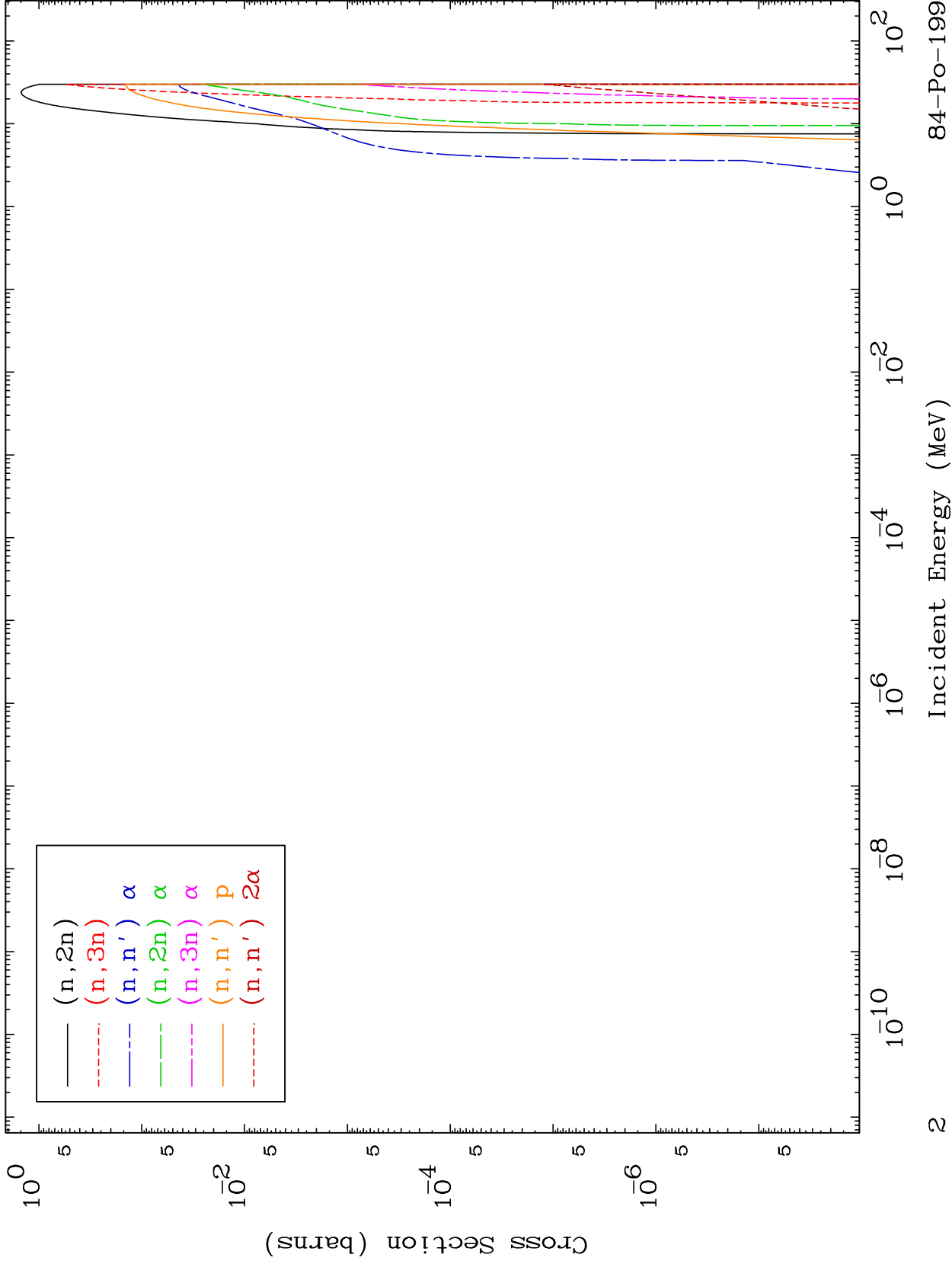
84-Po-199



MAT 8405

Neutron Production
293 Kelvin Cross Sections

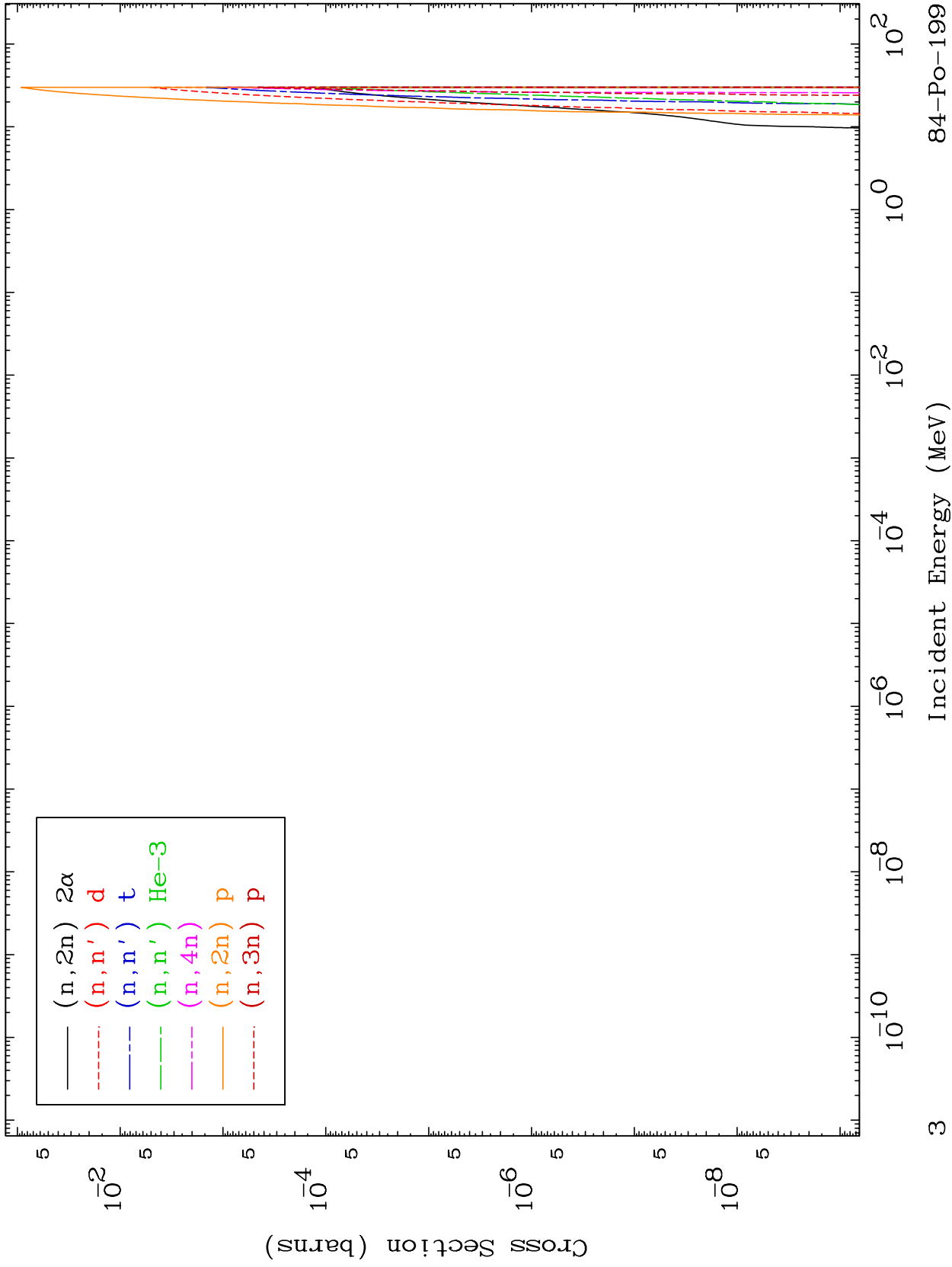
84-Po-199



MAT 8405

Neutron Production
293 Kelvin Cross Sections

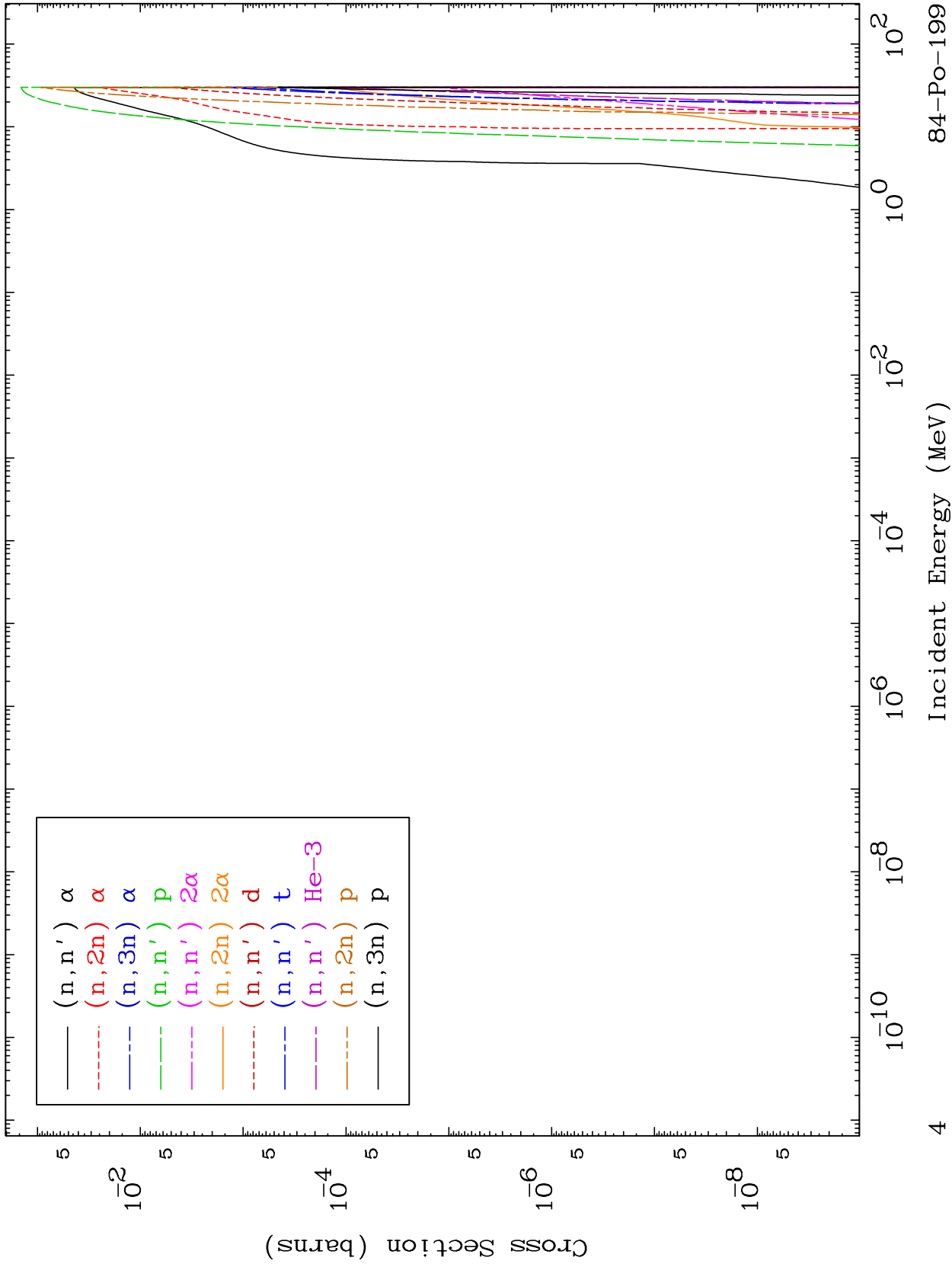
84-Po-199



MAT 8405

Charged Particle
293 Kelvin Cross Sections

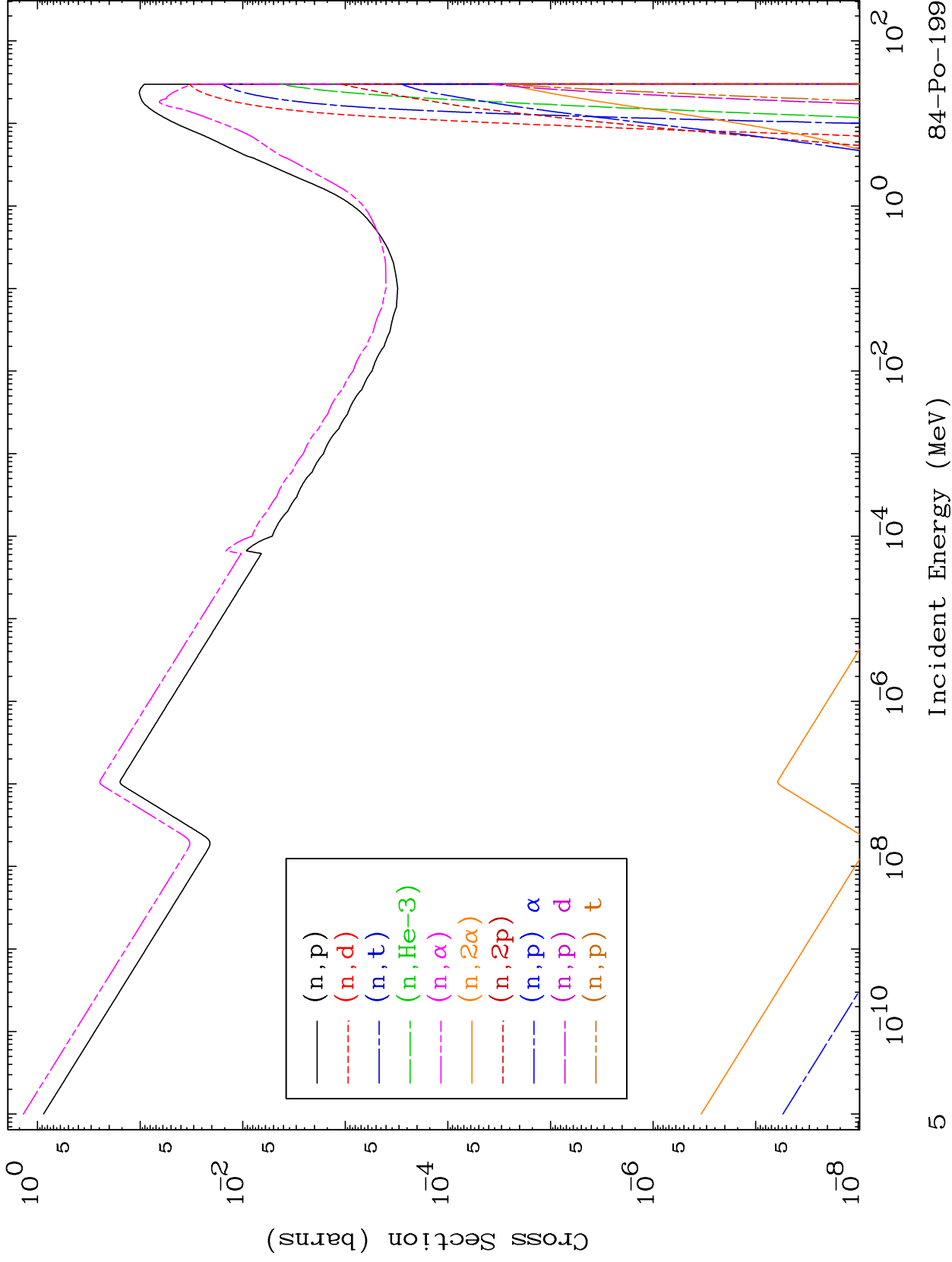
84-Po-199

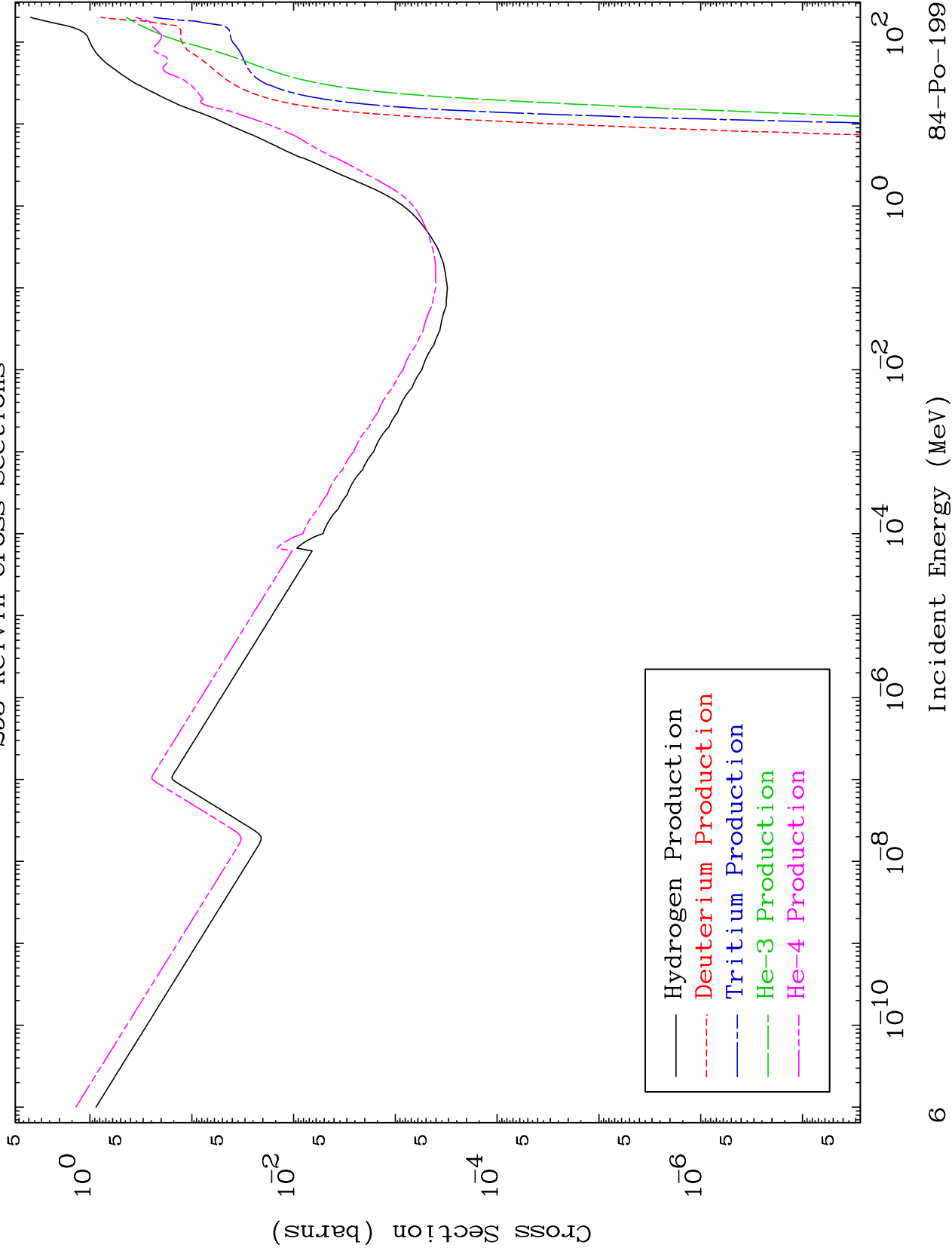


MAT 8405

Charged Particle
293 Kelvin Cross Sections

84-Po-199

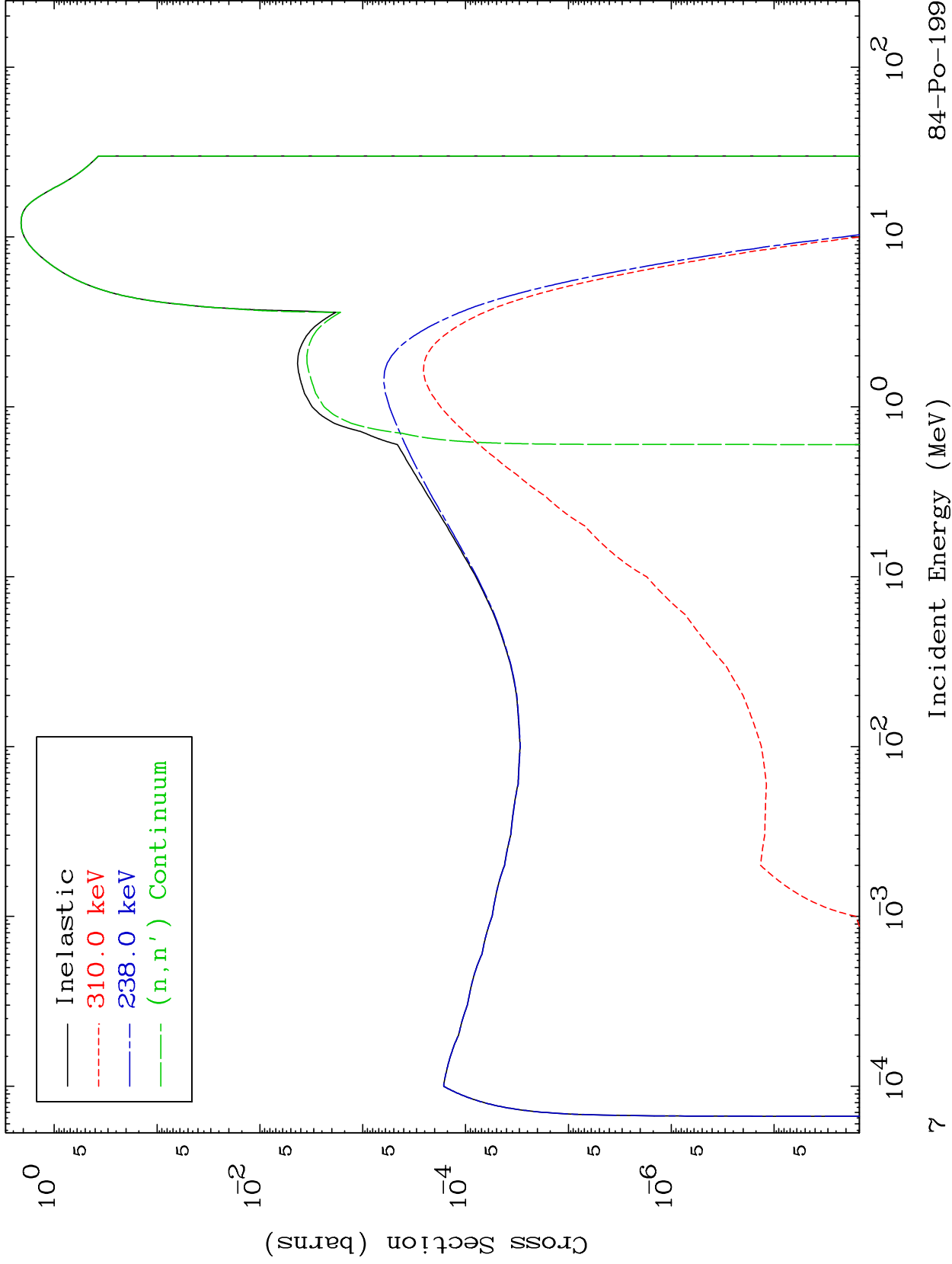




MAT 8405

(n,n') Level
293 Kelvin Cross Sections

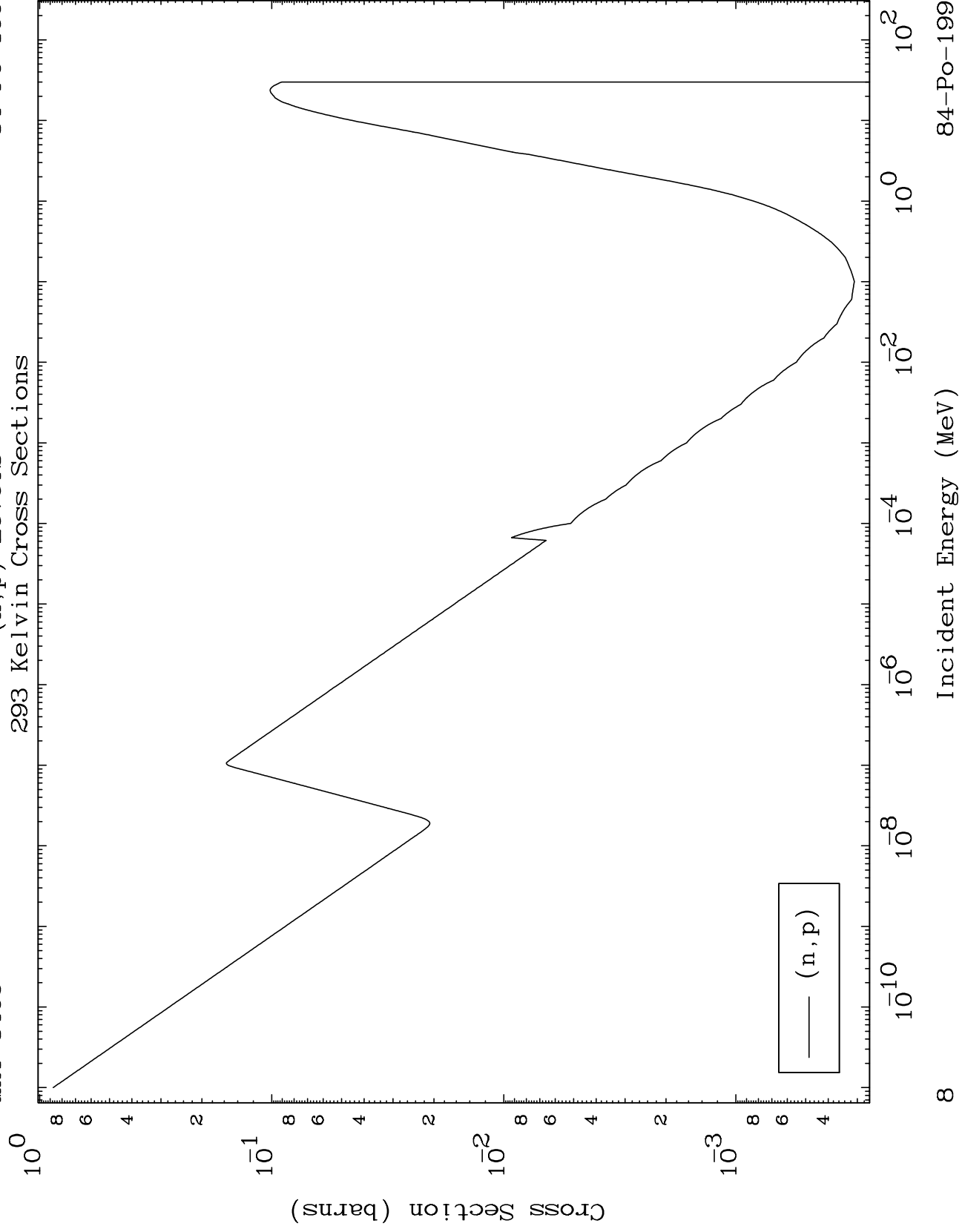
84-Po-199



MAT 8405

(n,p) Levels
293 Kelvin Cross Sections

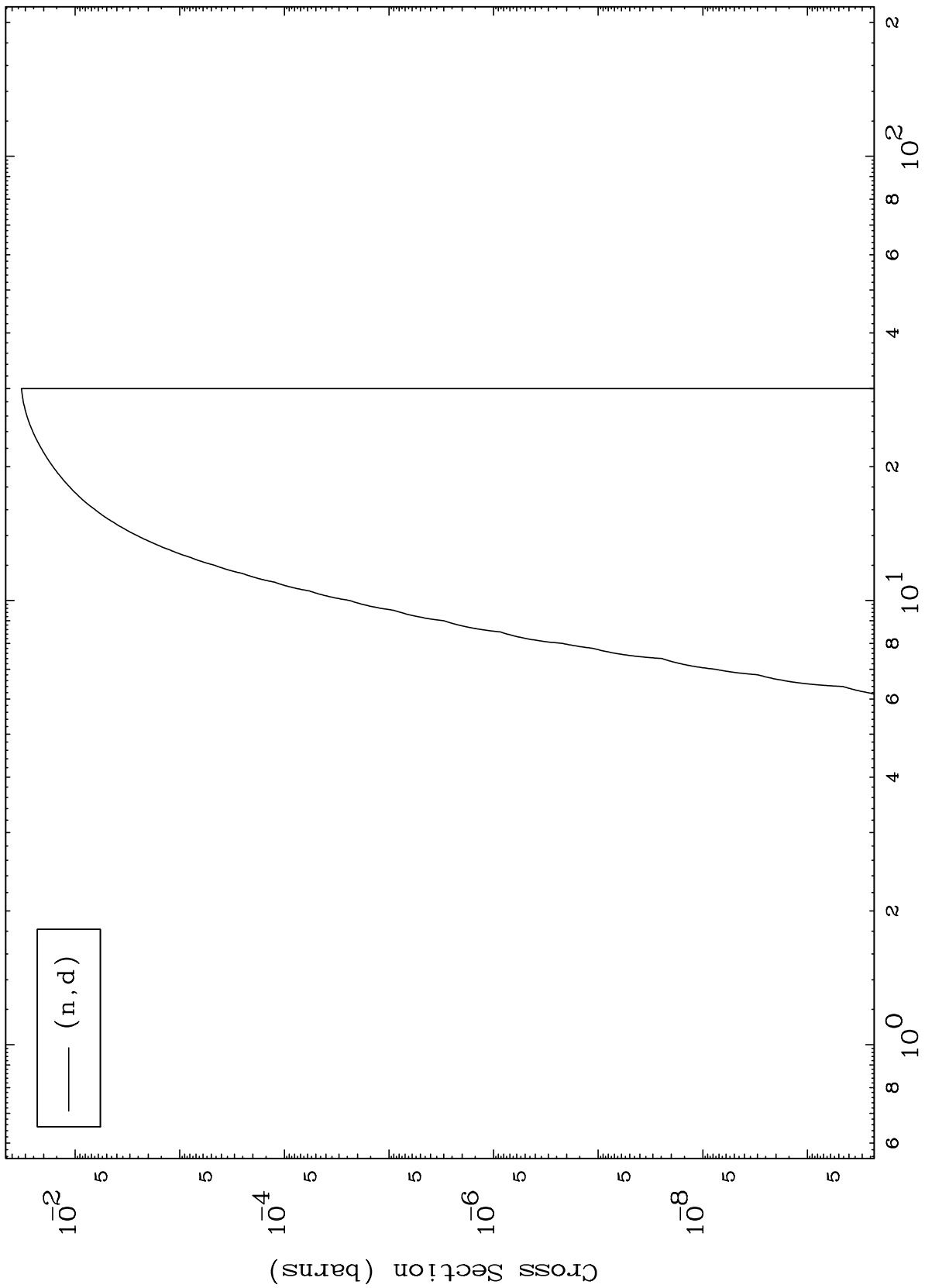
84-Po-199



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(n,d) Levels
293 Kelvin Cross Sections

84-Po-199



9

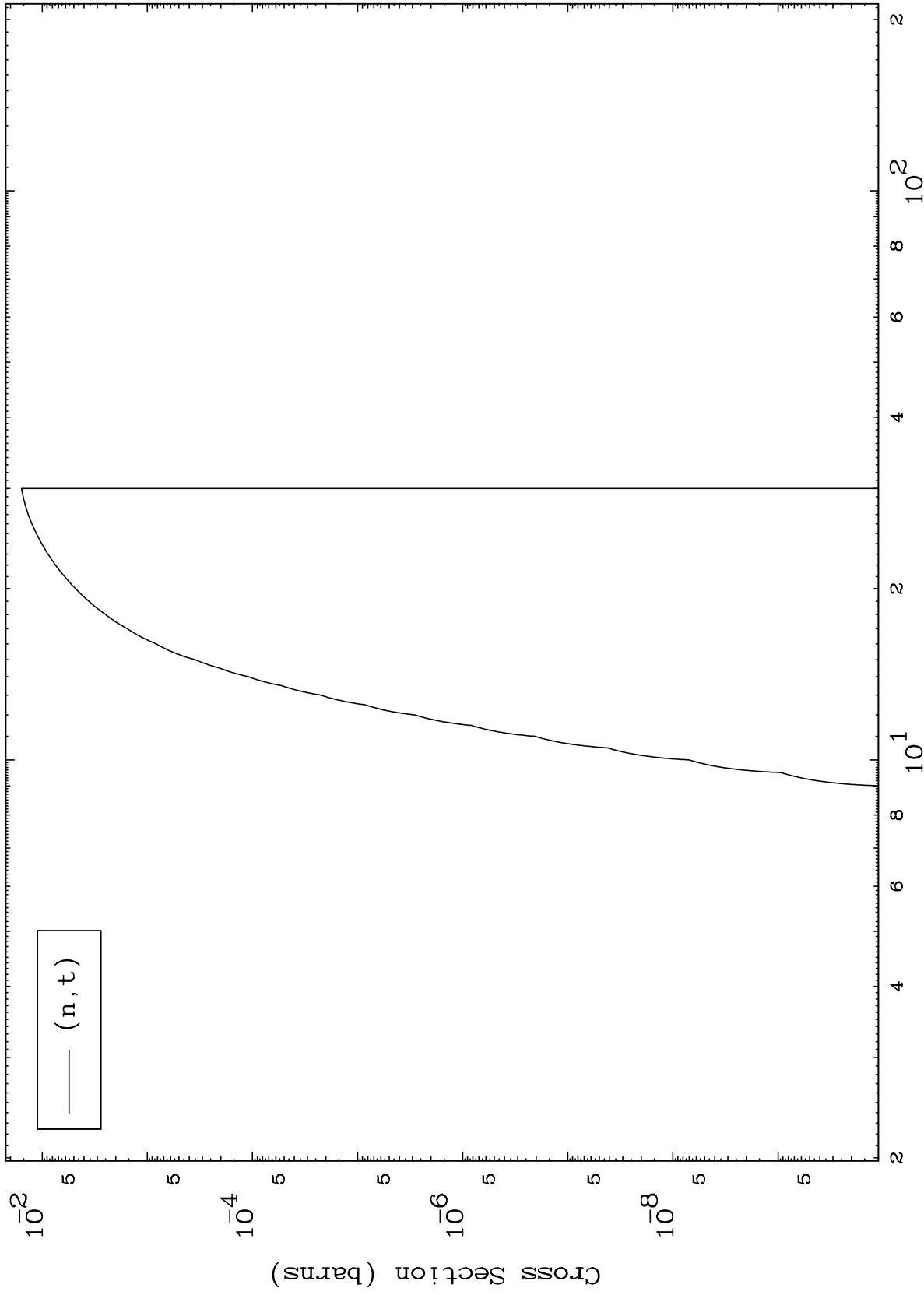
Incident Energy (MeV)

84-Po-199

MAT 8405

(n,t) Levels
293 Kelvin Cross Sections

84-Po-199



10

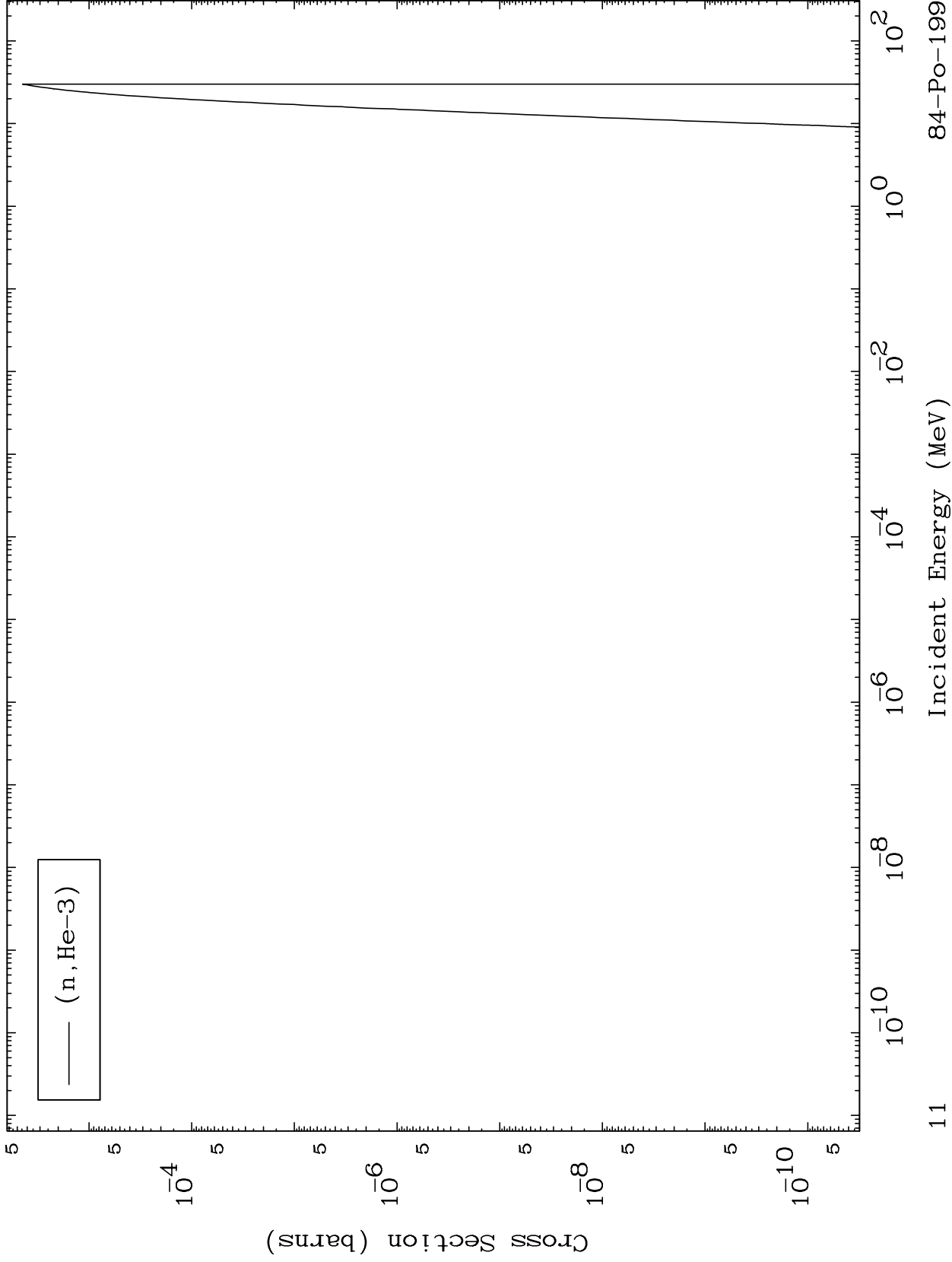
Incident Energy (MeV)

84-Po-199

MAT 8405

(n,He3) Levels
293 Kelvin Cross Sections

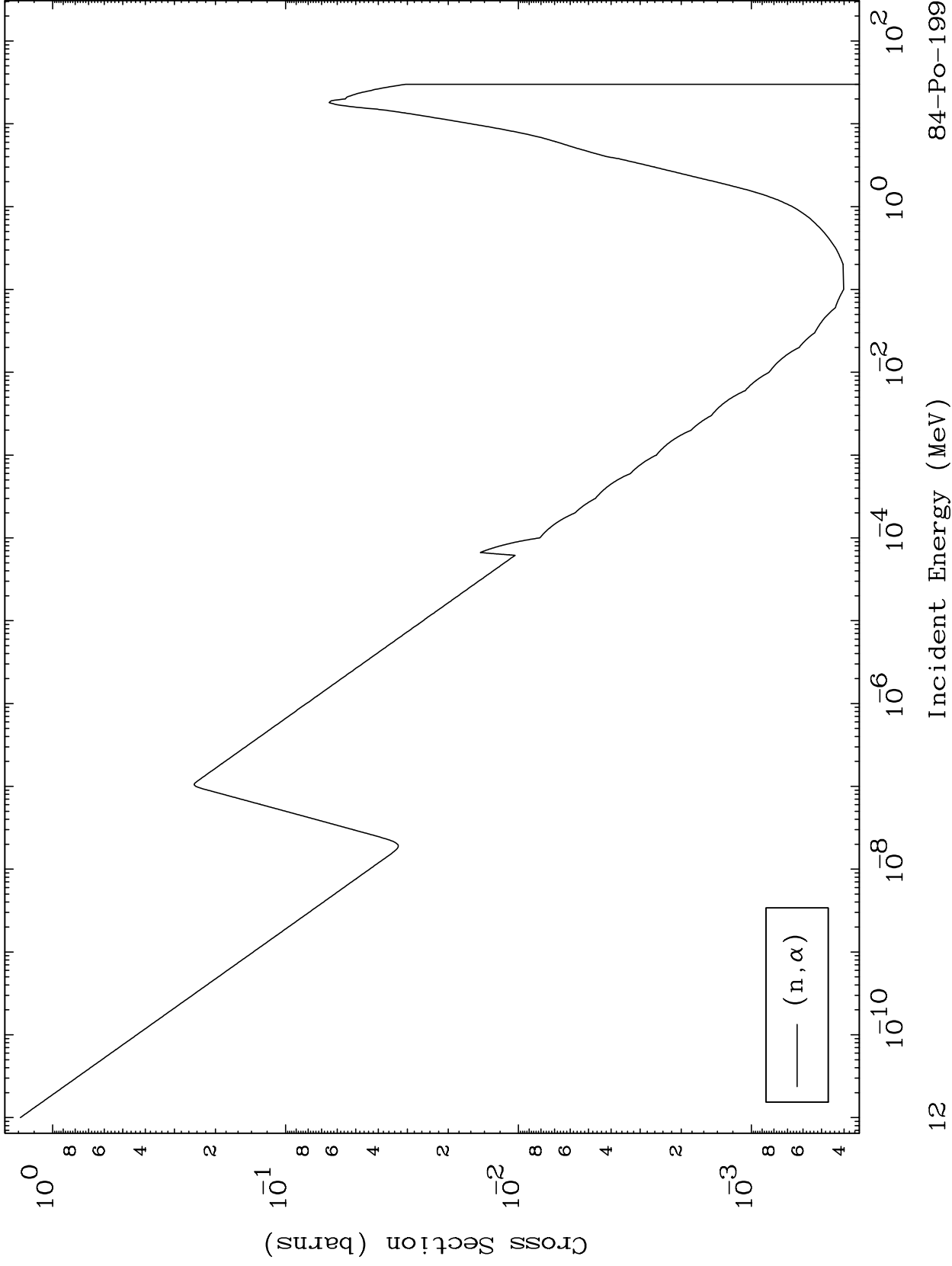
84-Po-199

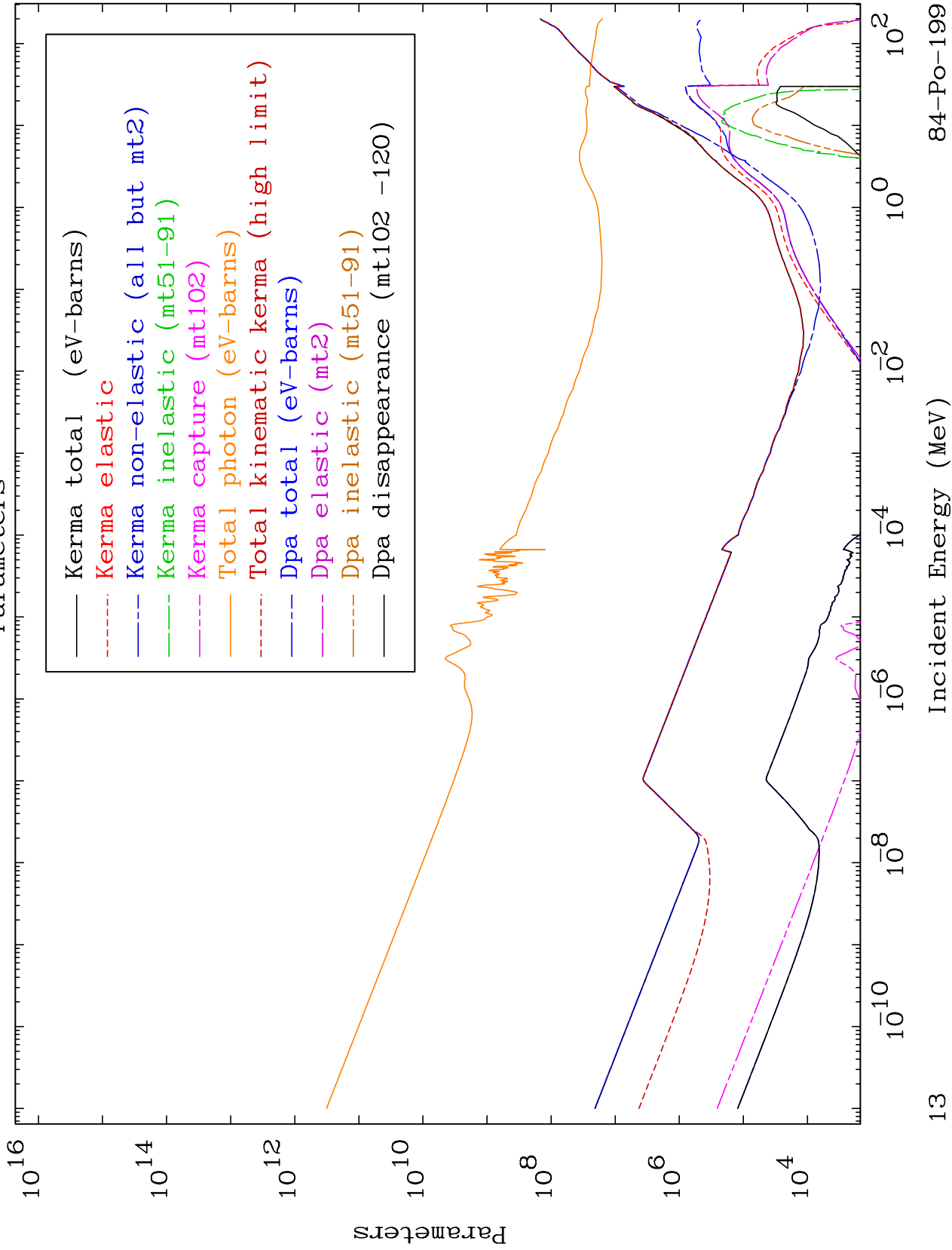


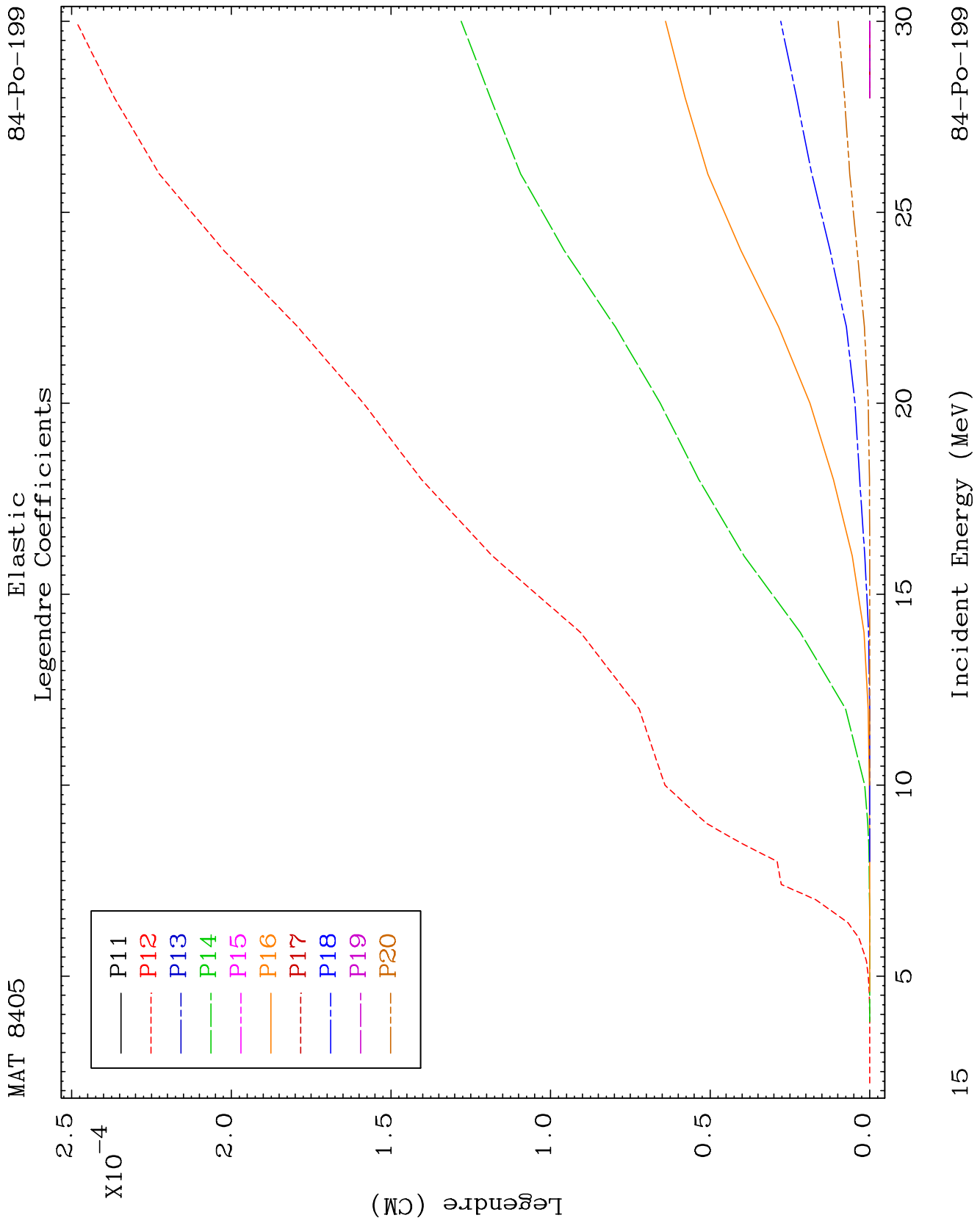
MAT 8405

(n,α) Levels
293 Kelvin Cross Sections

84-Po-199



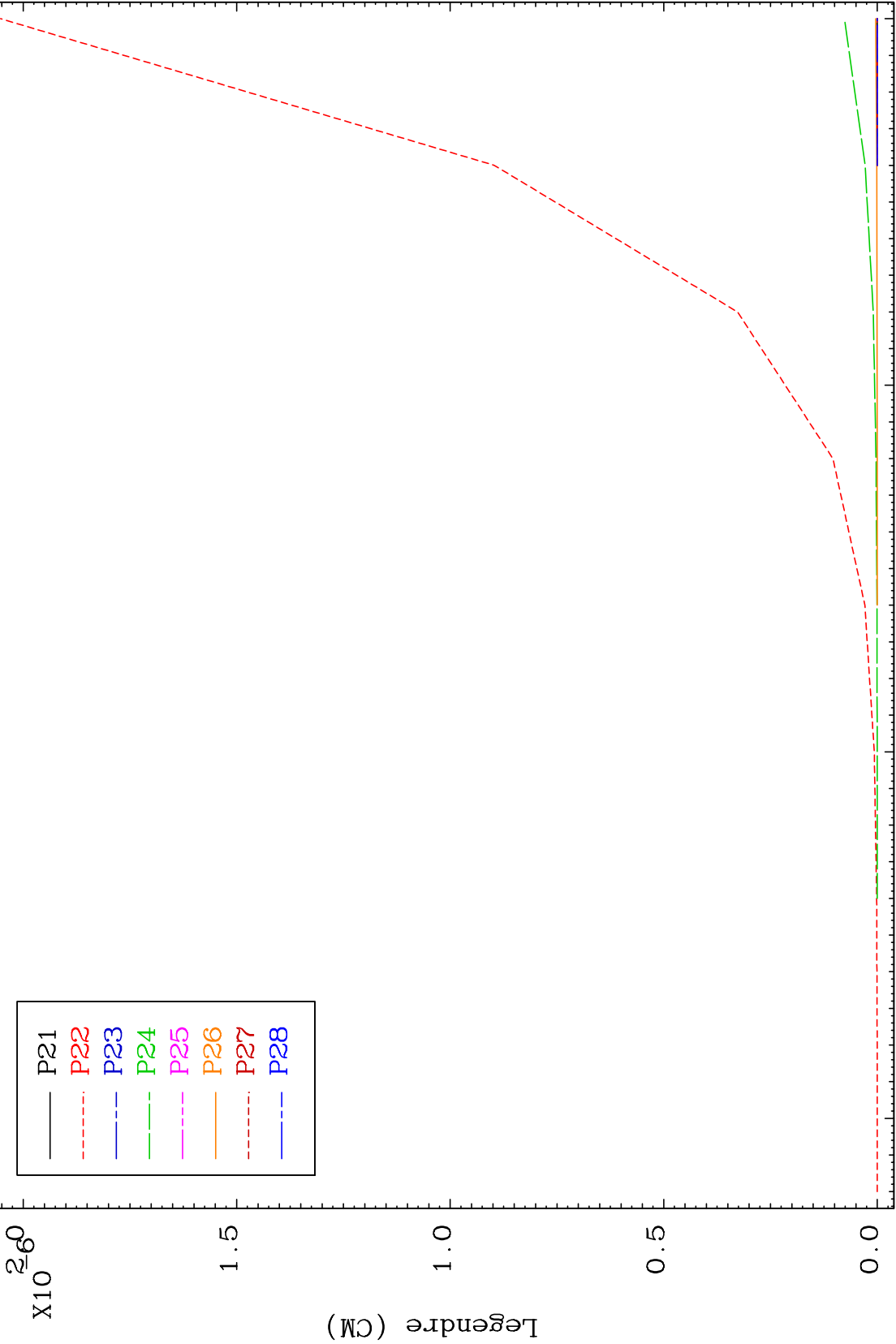




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Elastic
Legendre Coefficients

84-Po-199



16

Incident Energy (MeV)

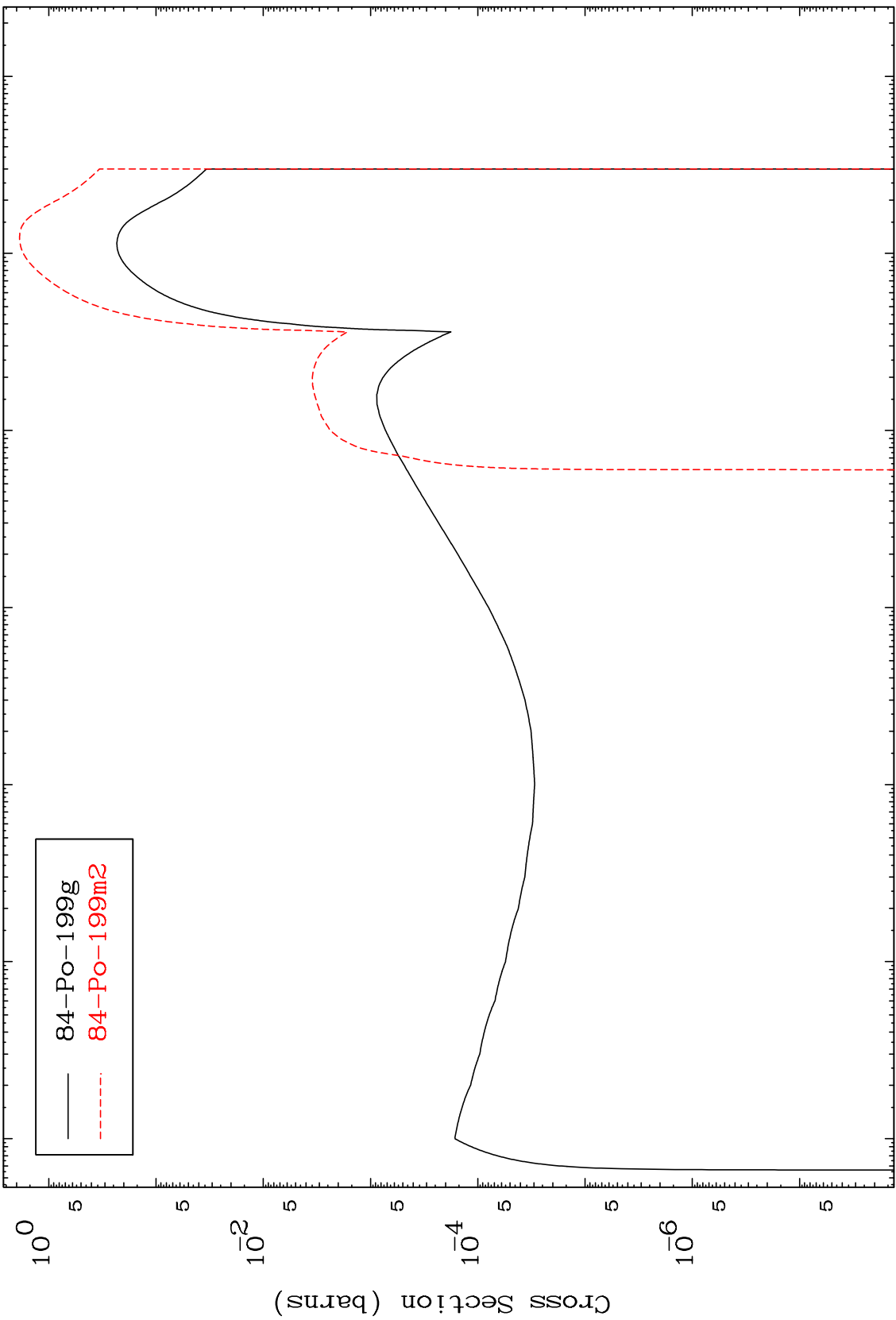
84-Po-199

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Inelastic

84-Po-199

Radionuclide Production Cross Section



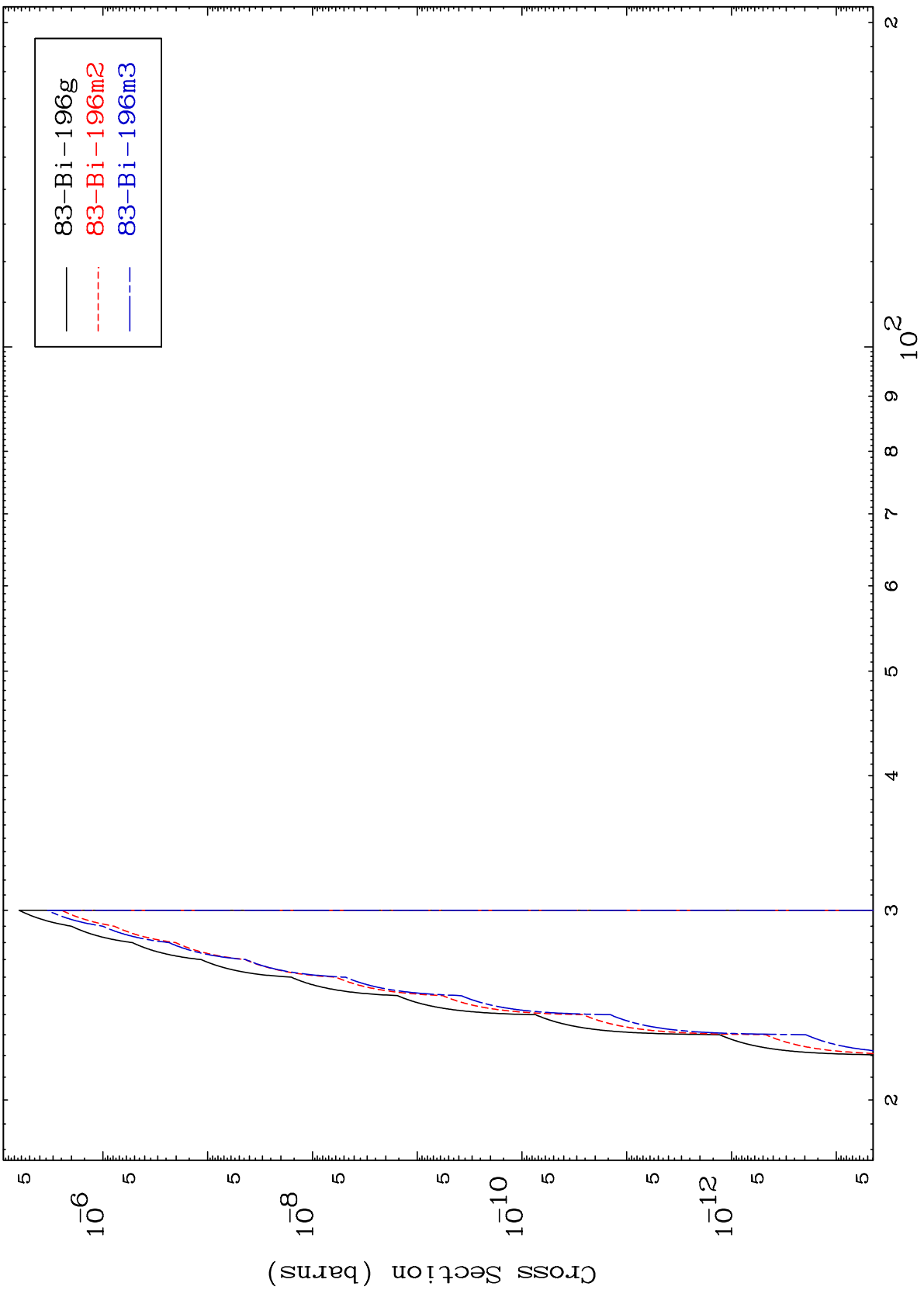
84-Po-199g
84-Po-199m2

17

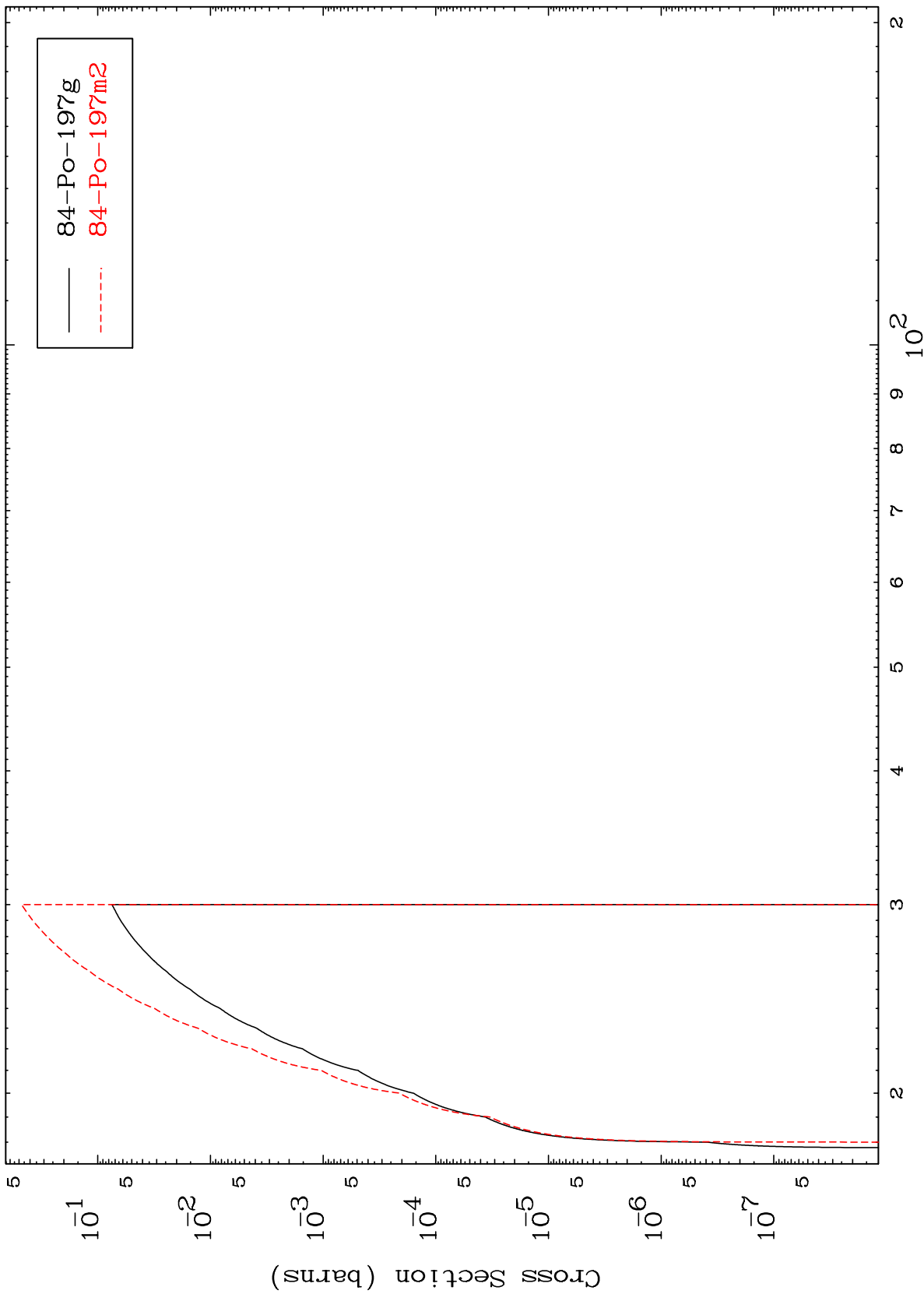
Incident Energy (MeV)

84-Po-199

Radionuclide Production Cross Section



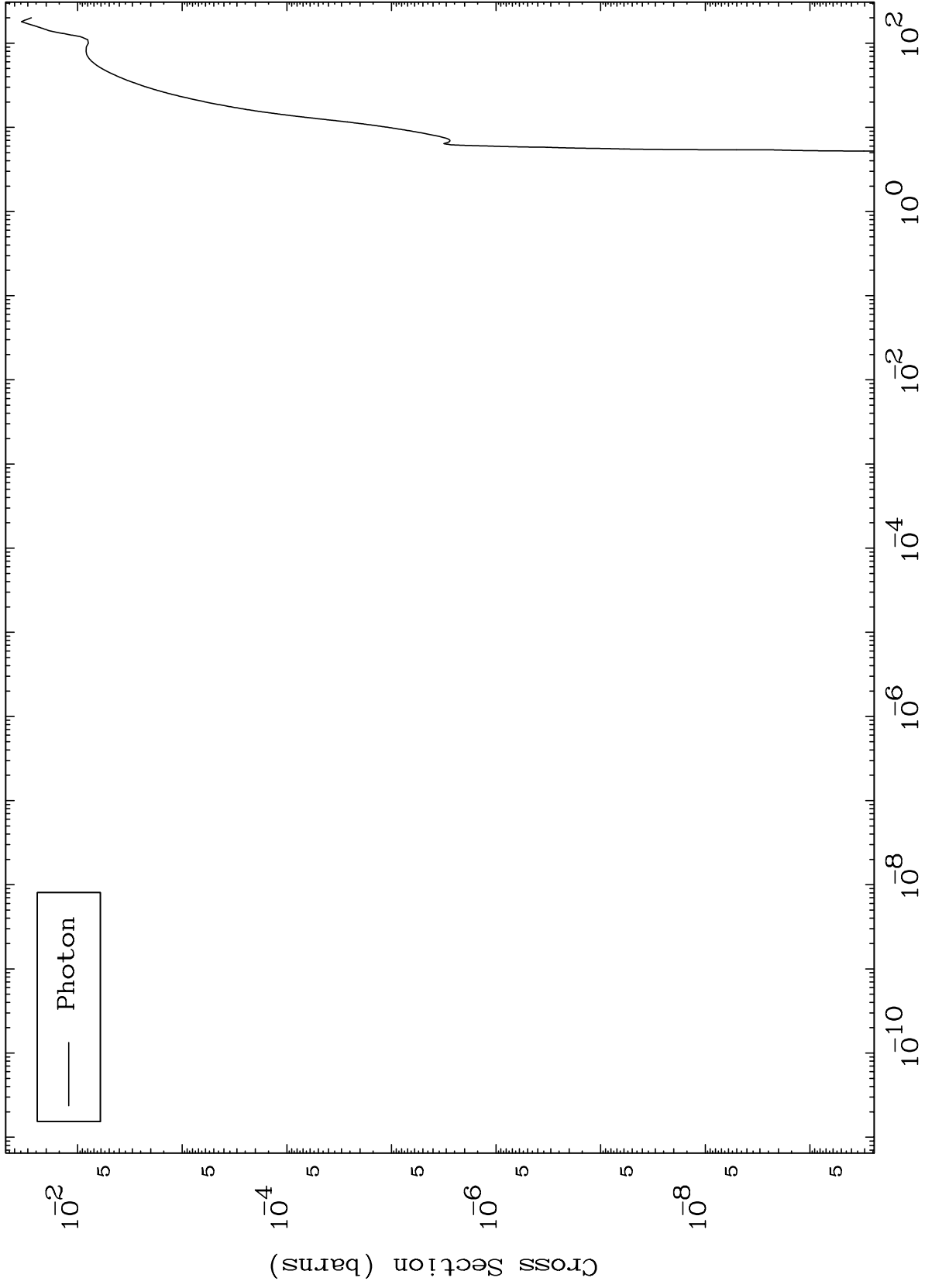
(n,3n)
Radionuclide Production Cross Section



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Fission
Radionuclide Production Cross Section

84-Po-199



20

Incident Energy (MeV)

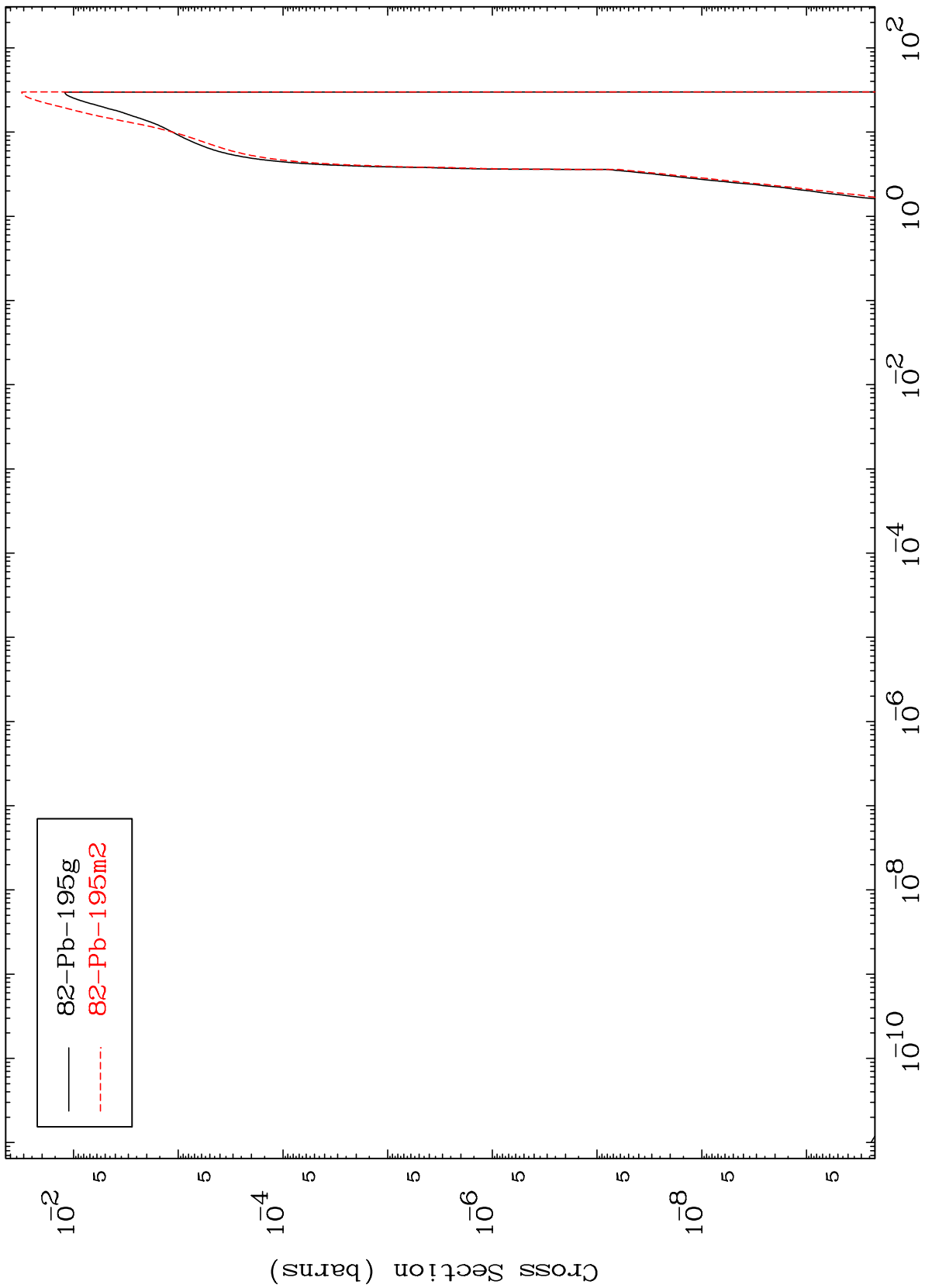
84-Po-199

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$(n, n') \alpha$

84-Po-199

Radionuclide Production Cross Section

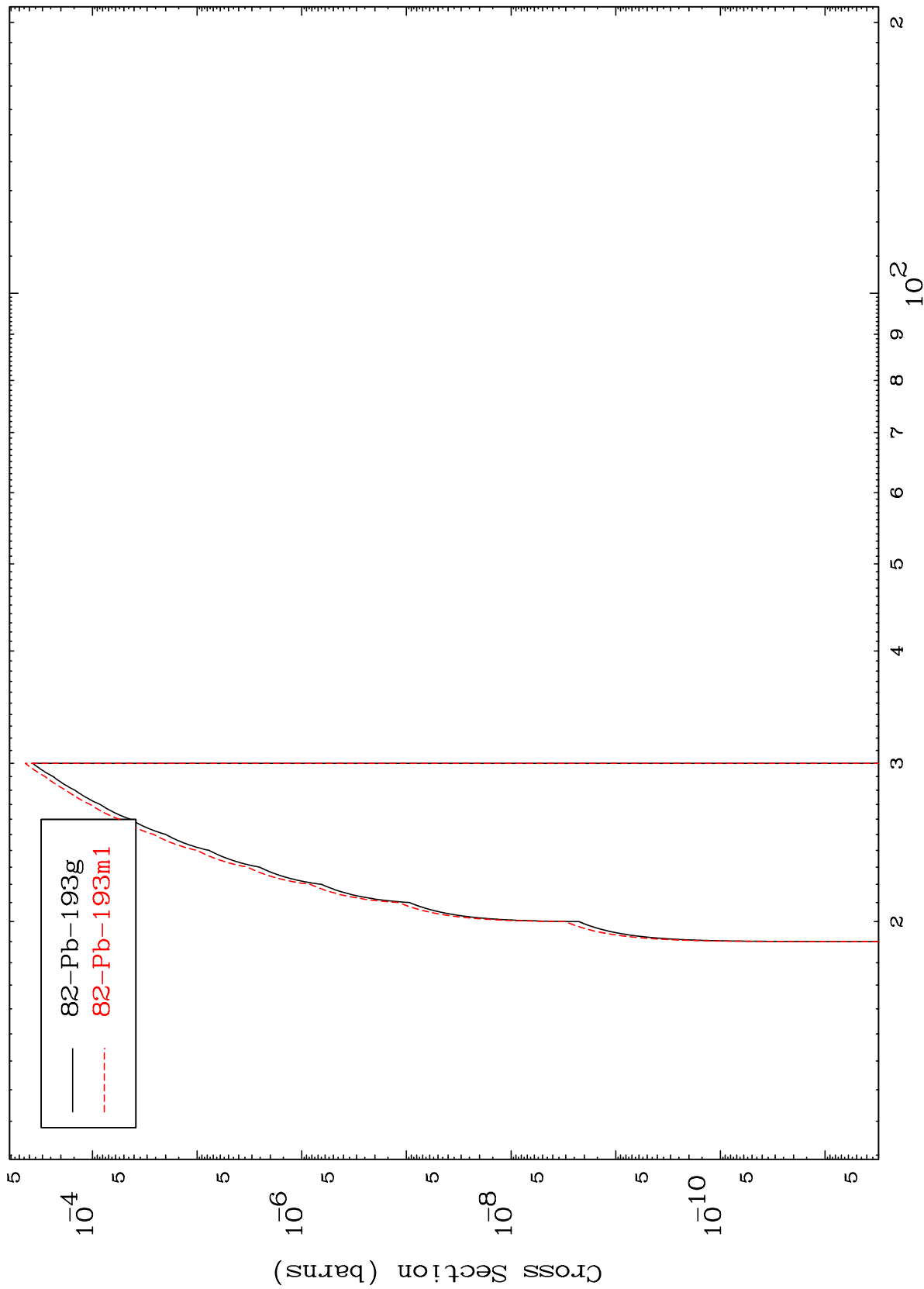


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(n,3n) α

84-Po-199

Radionuclide Production Cross Section

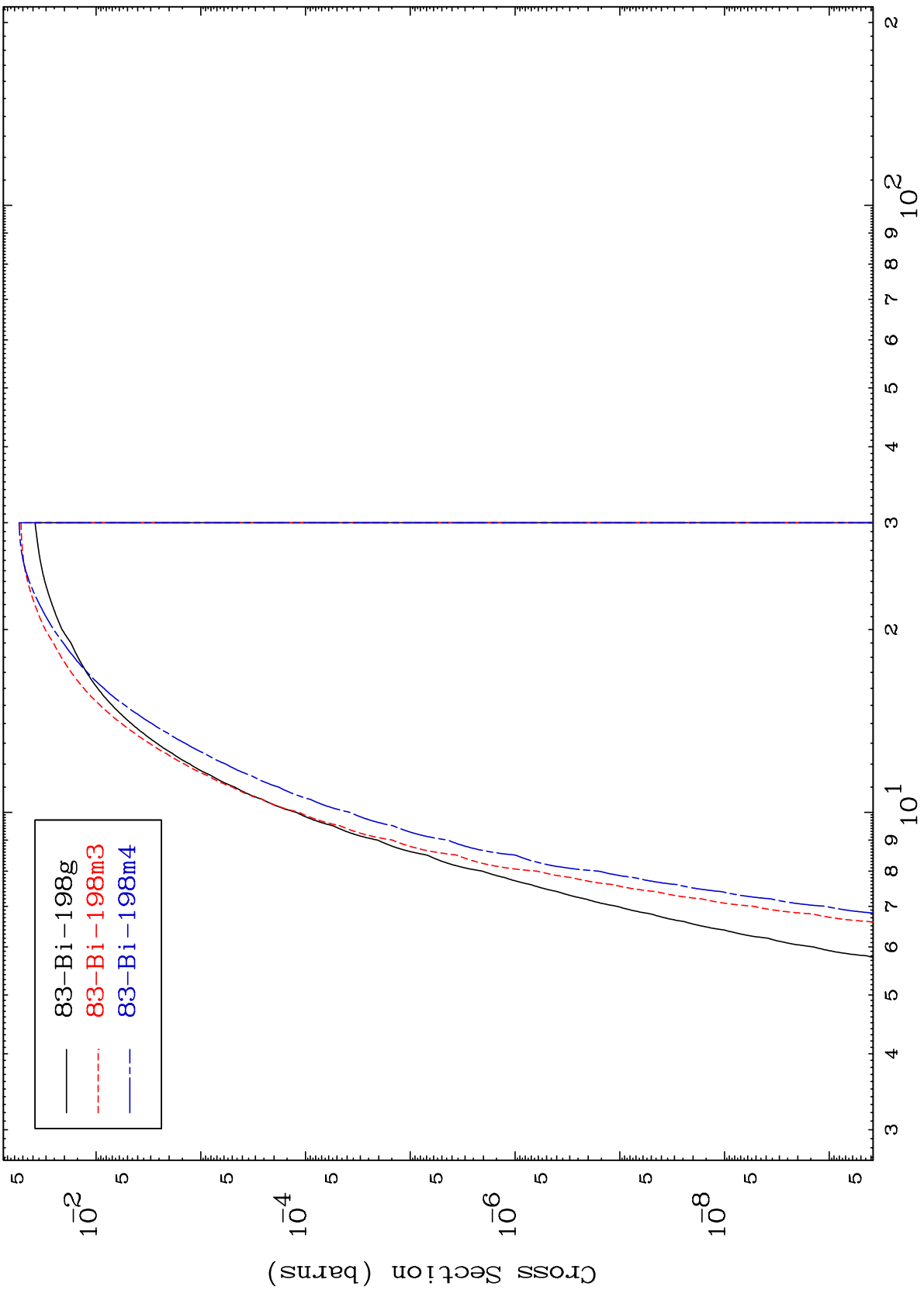


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(n,n') p

84-Po-199

Radionuclide Production Cross Section



23

Incident Energy (MeV)

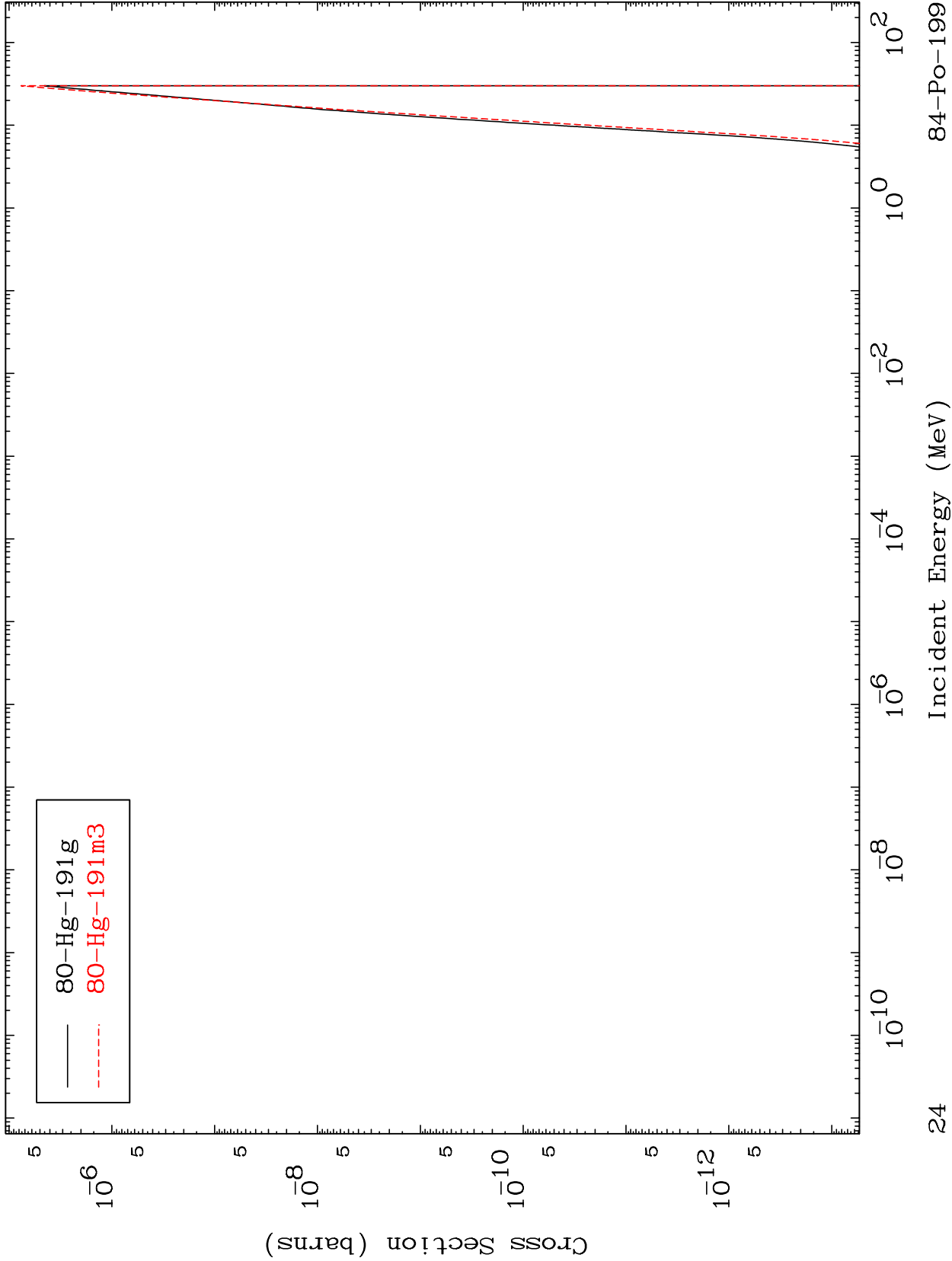
84-Po-199

MAT 8405

(n,n') 2α

84-Po-199

Radionuclide Production Cross Section

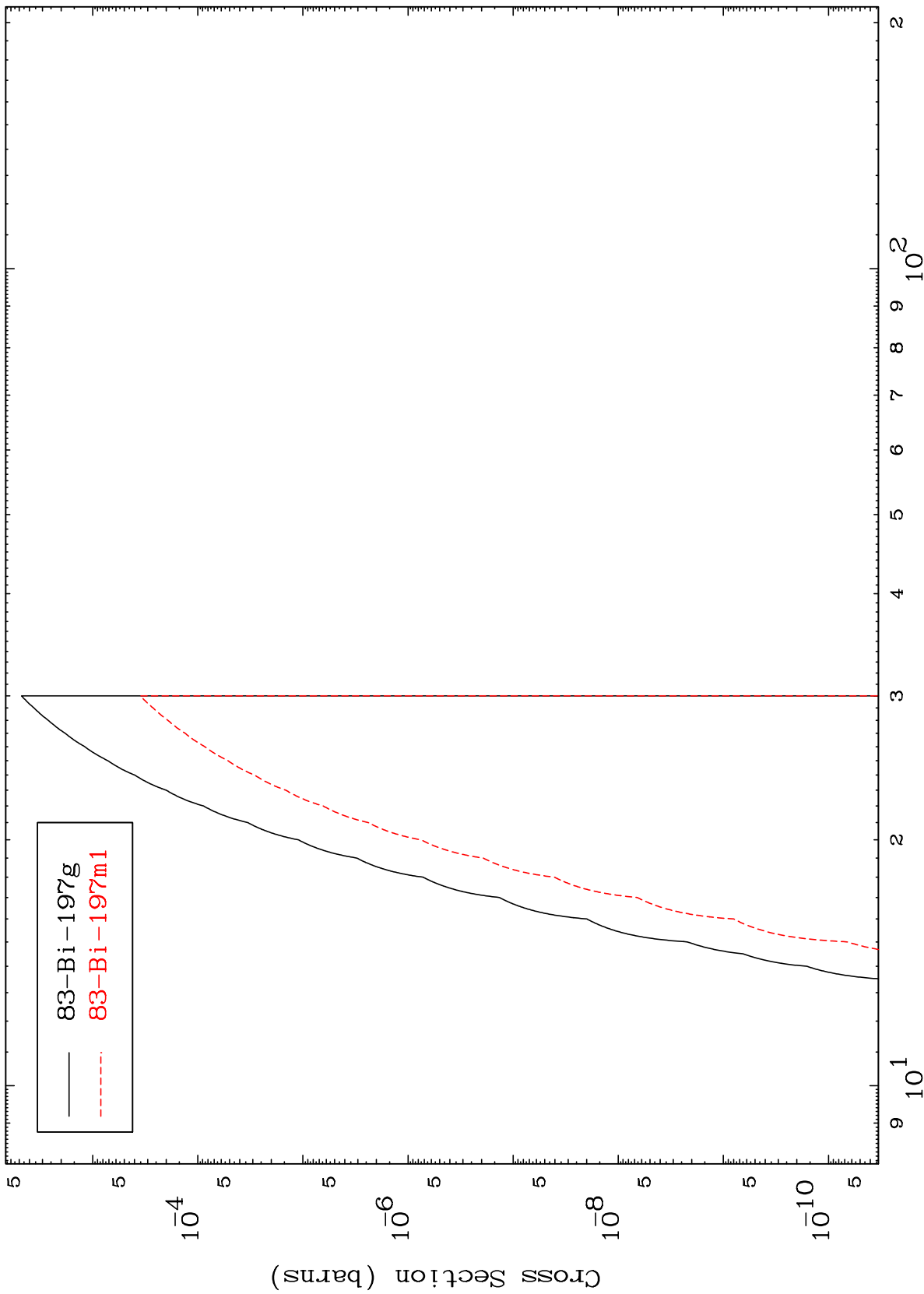


MAT 8405

(n,n') d

84-Po-199

Radionuclide Production Cross Section

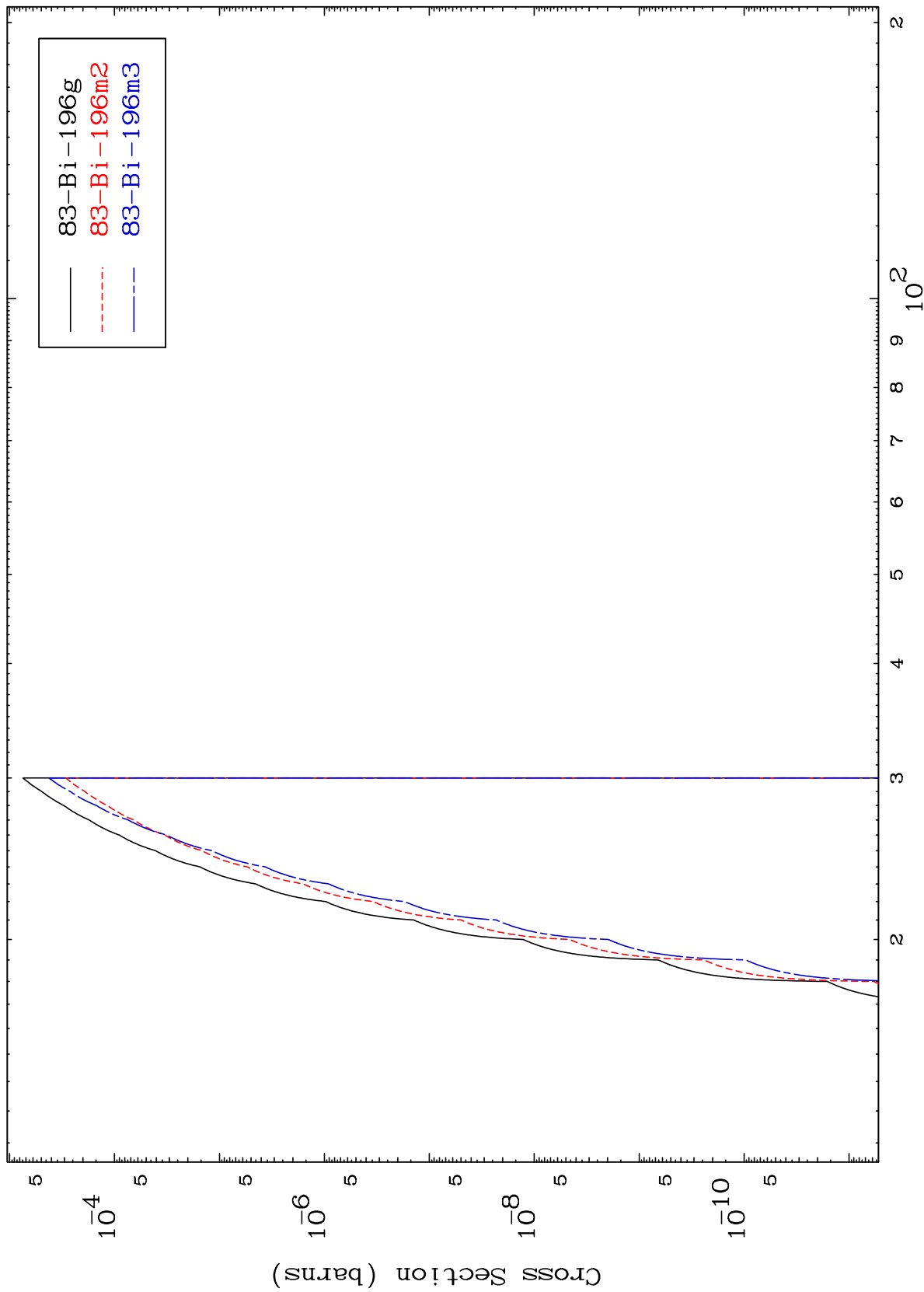


25

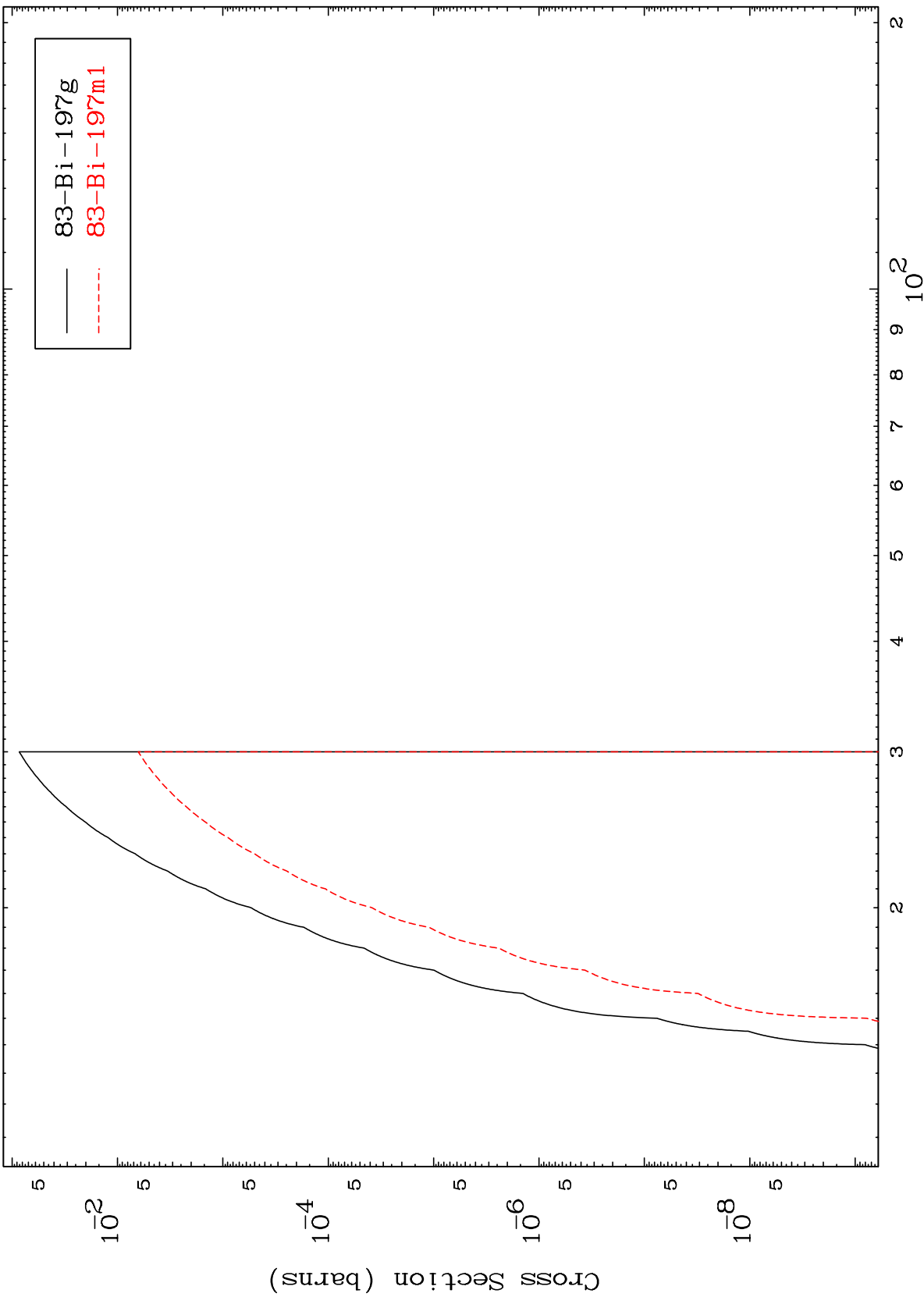
Incident Energy (MeV)

84-Po-199

Radionuclide Production Cross Section



Radionuclide Production Cross Section

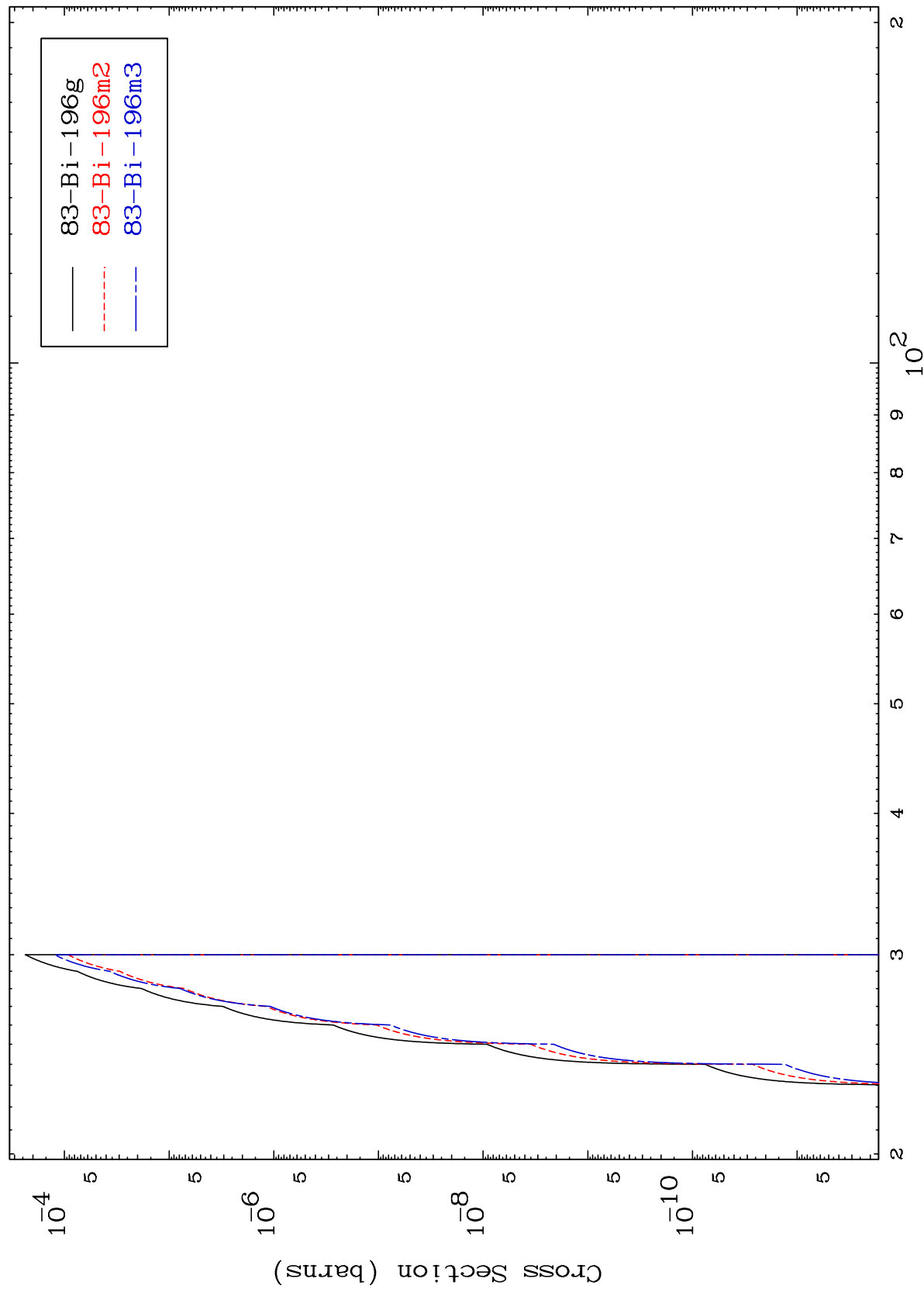


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(n,3n) p

84-Po-199

Radionuclide Production Cross Section



28

Incident Energy (MeV)

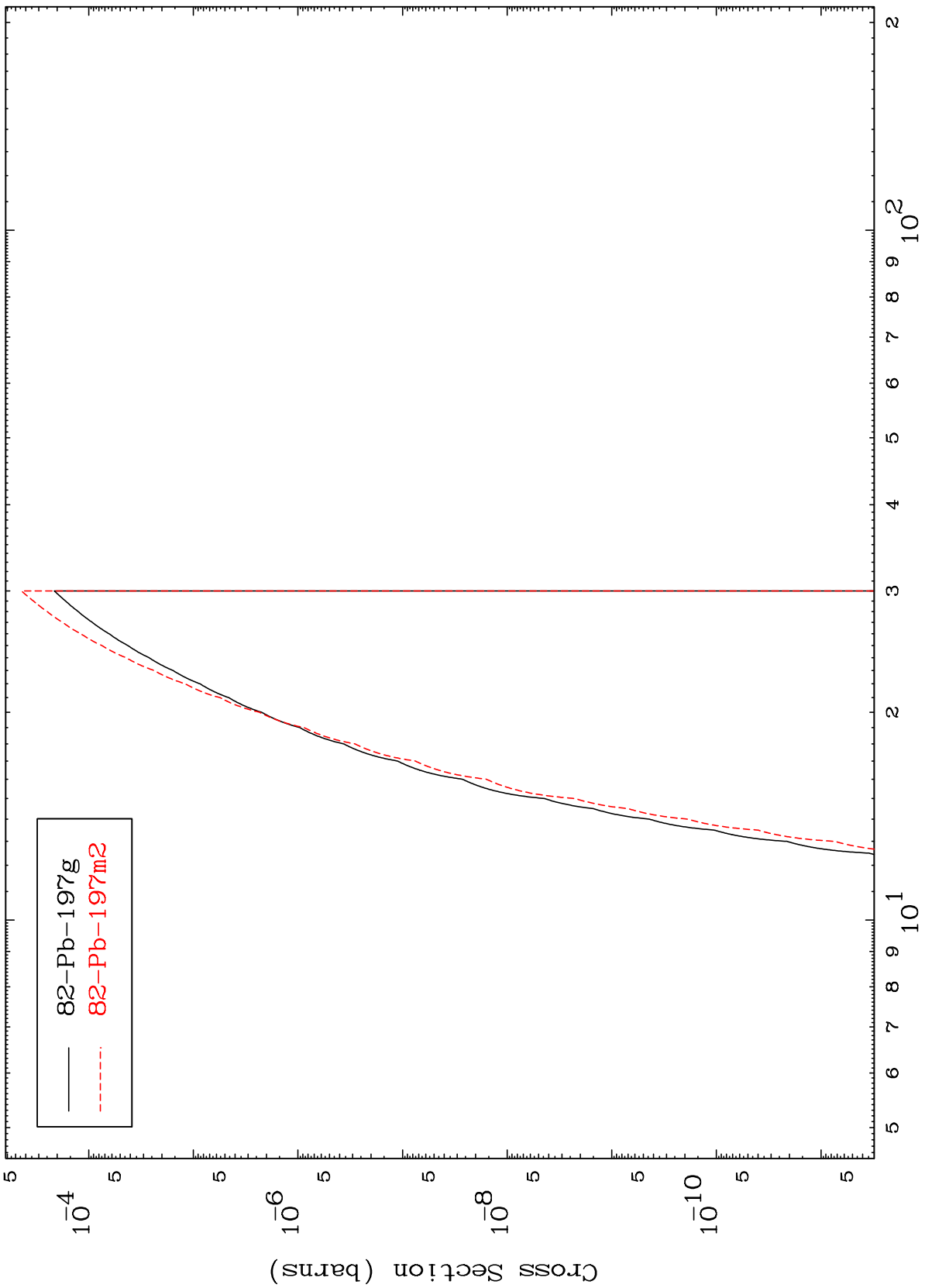
84-Po-199

MAT 8405

(n,2n) p

84-Po-199

Radionuclide Production Cross Section



29

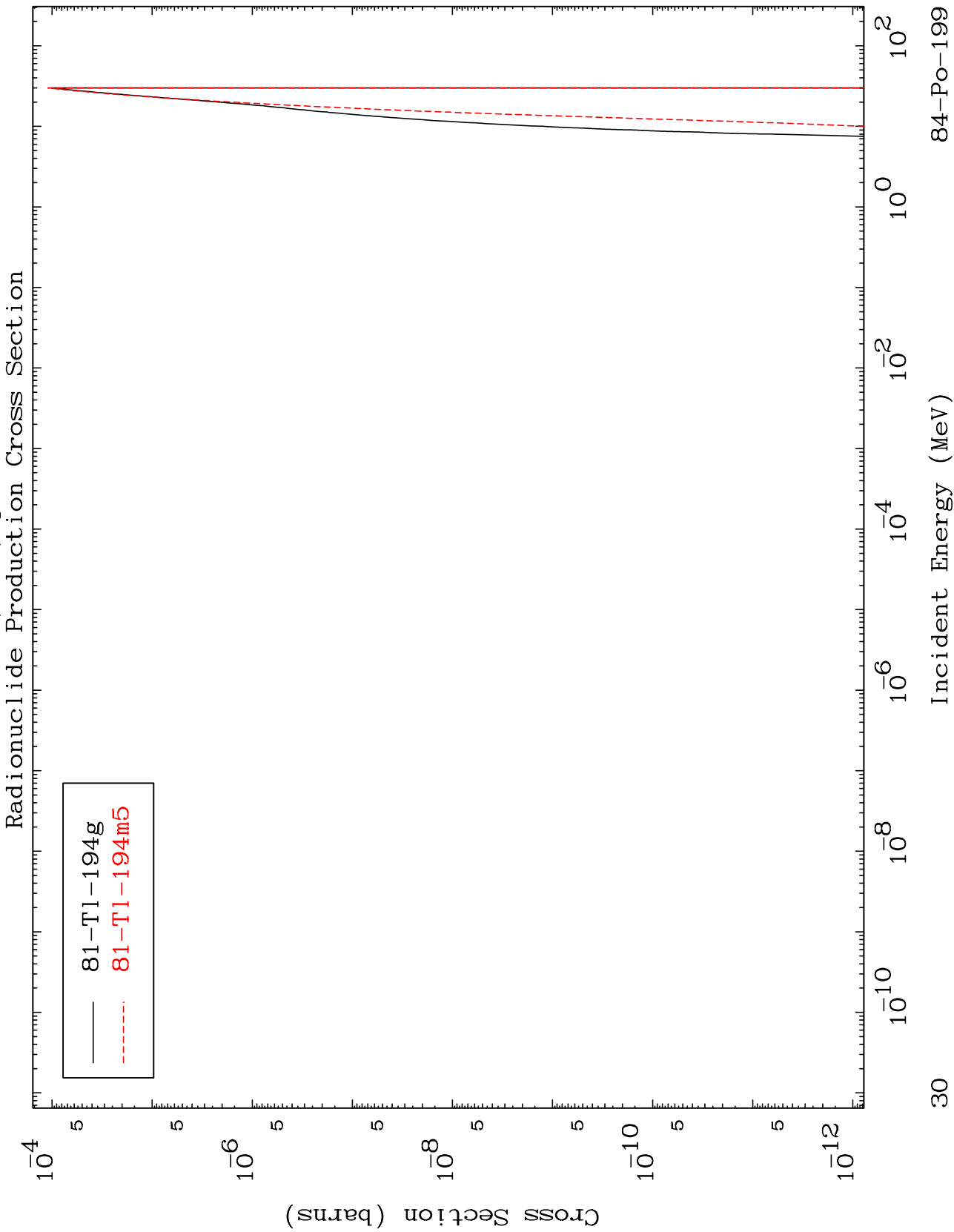
Incident Energy (MeV)

84-Po-199

MAT 8405

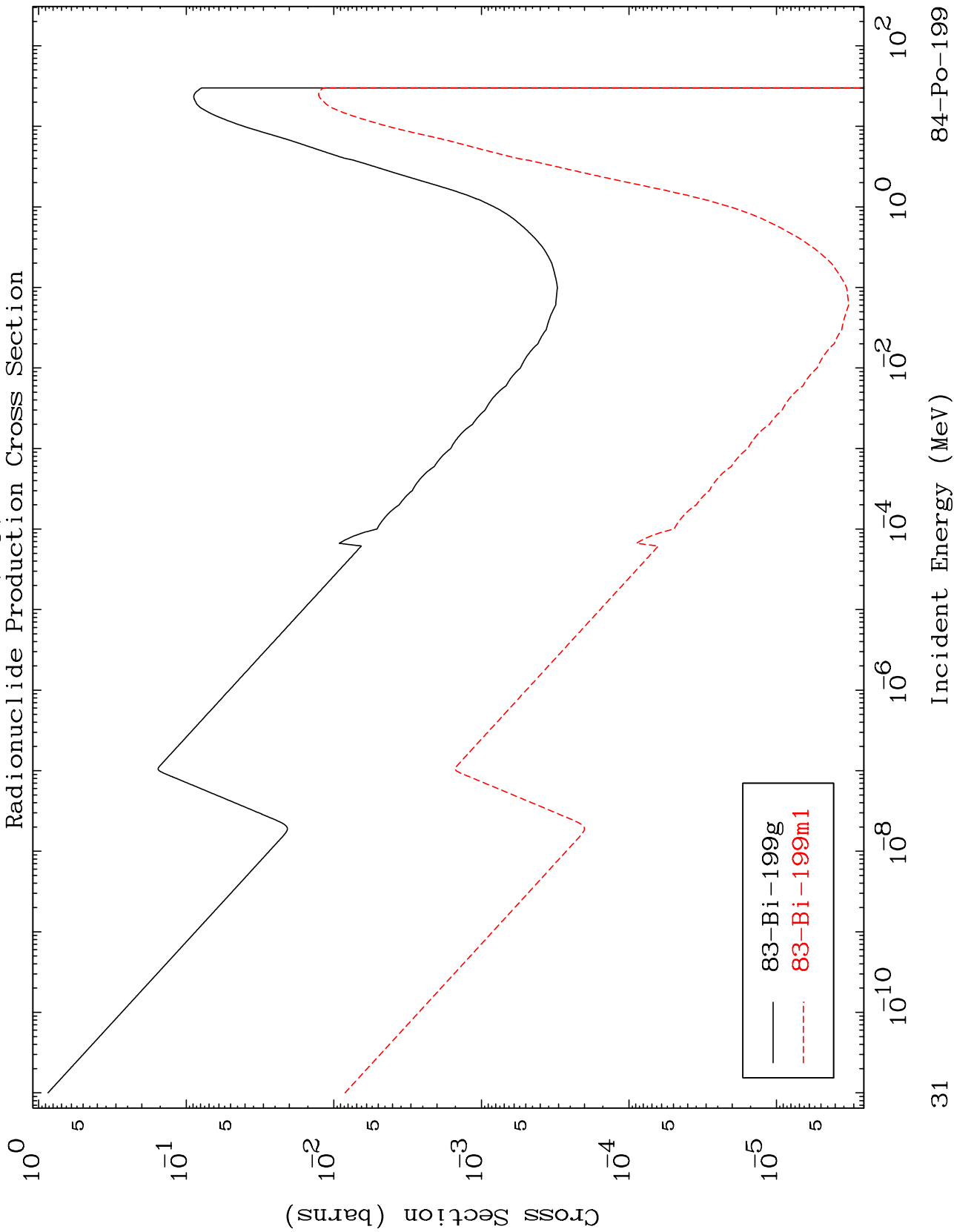
(n,n') p α

84-Po-199



MAT 8405

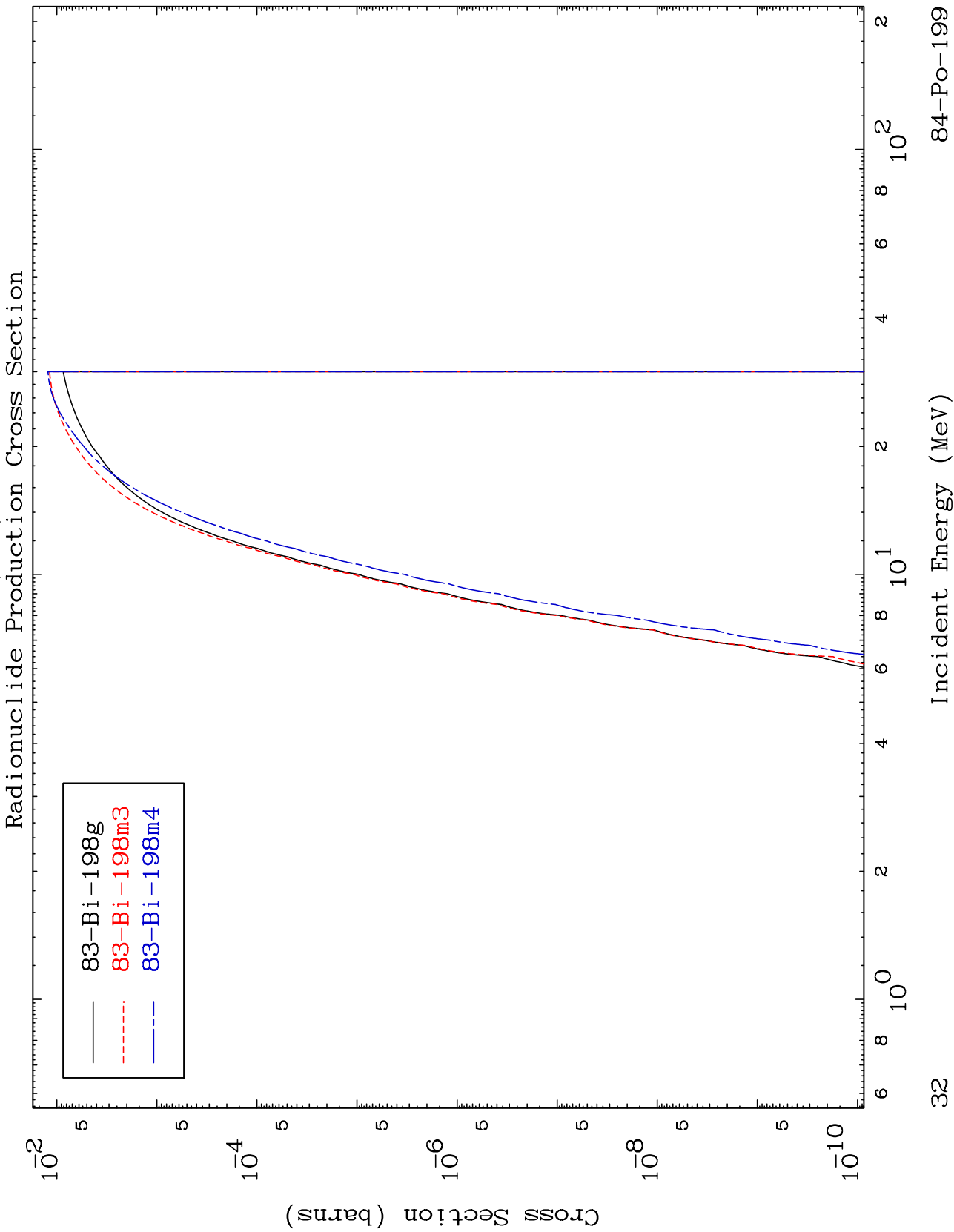
84-Po-199



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(n,d)

84-Po-199

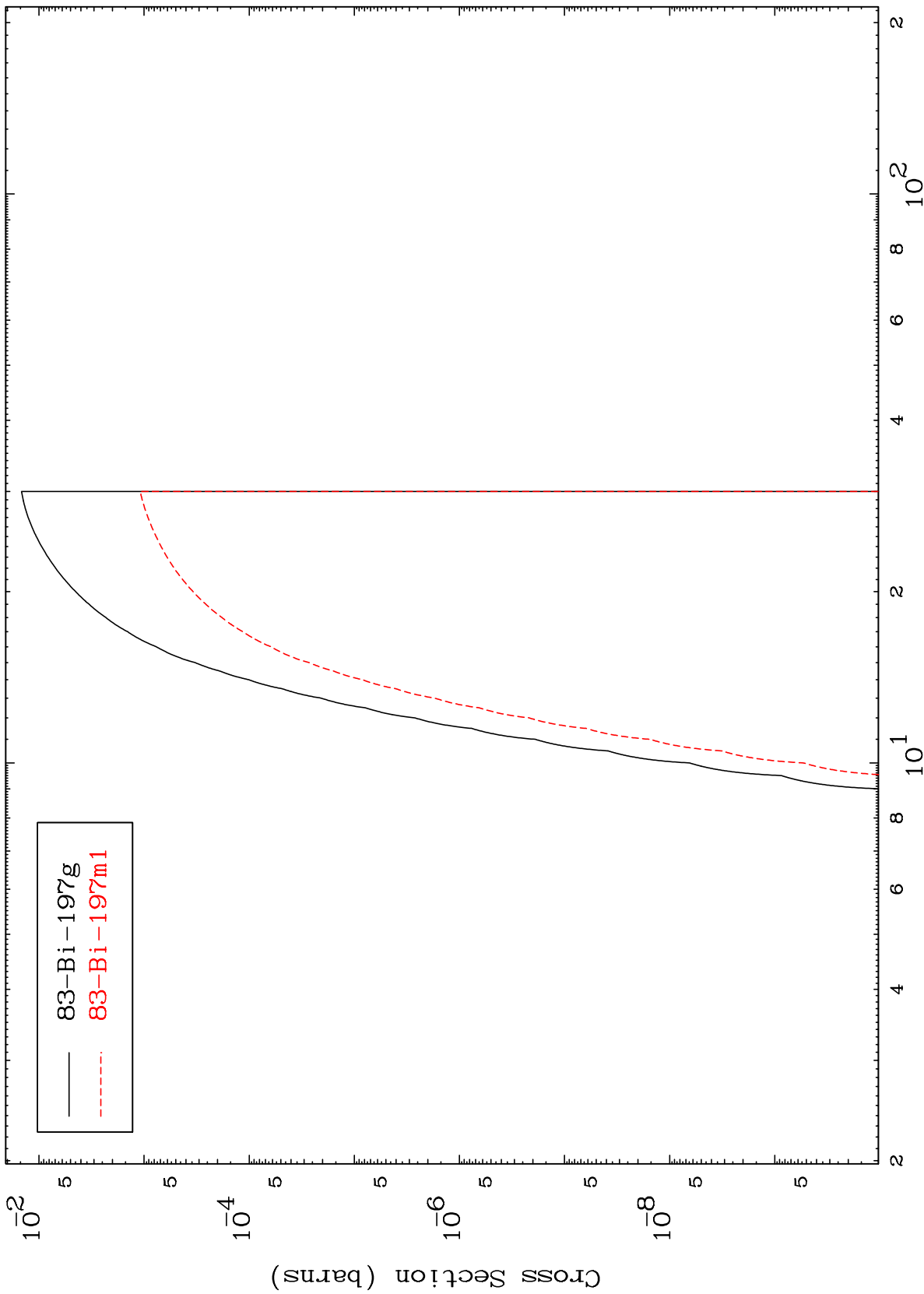


83-Bi-198g
83-Bi-198m3
83-Bi-198m4

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84-Po-199

(n, t)
Radionuclide Production Cross Section



— 83-Bi-197g
- - - 83-Bi-197m1

84-Po-199

Incident Energy (MeV)

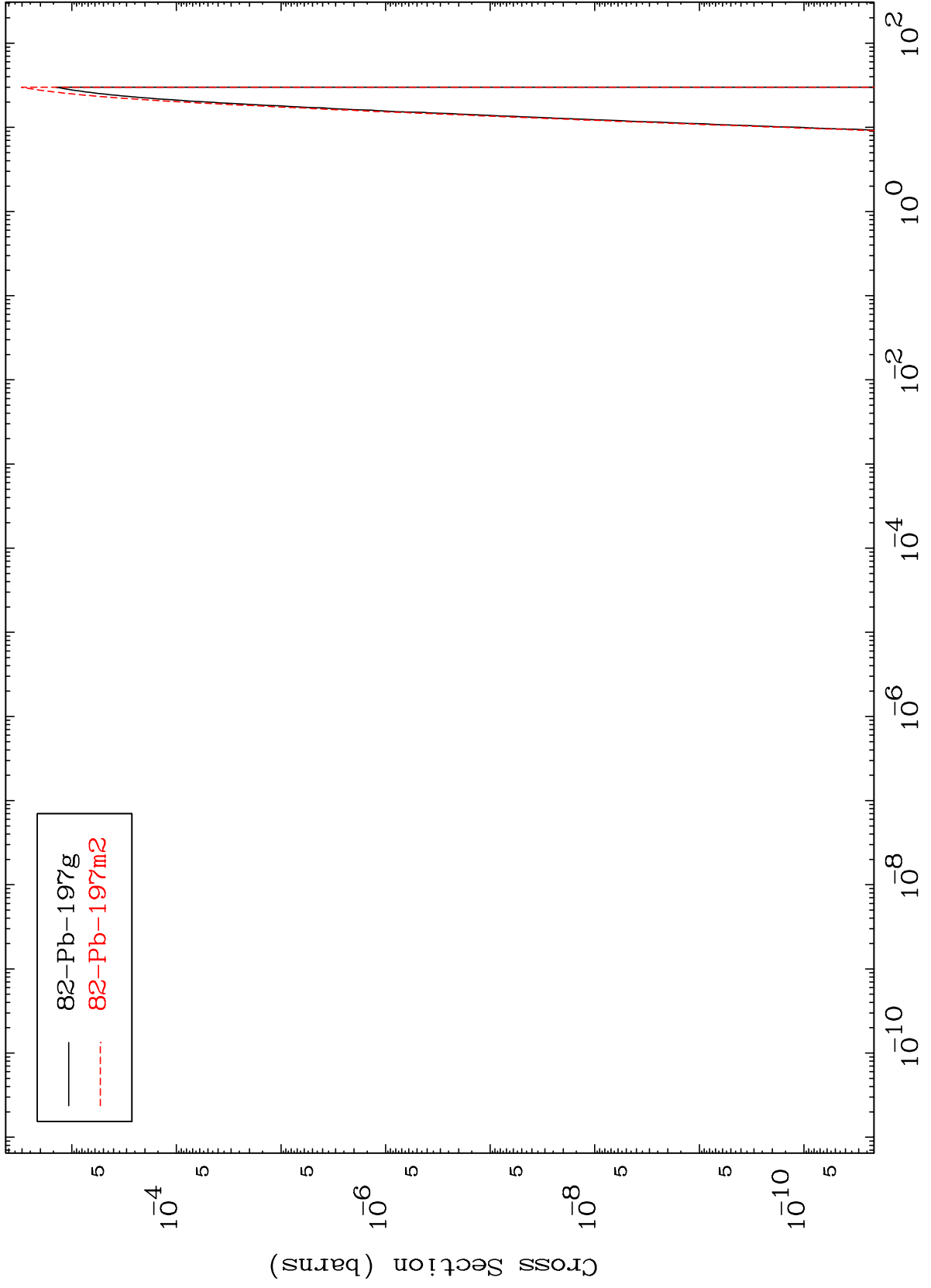
33

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(n,He-3)

84-Po-199

Radionuclide Production Cross Section



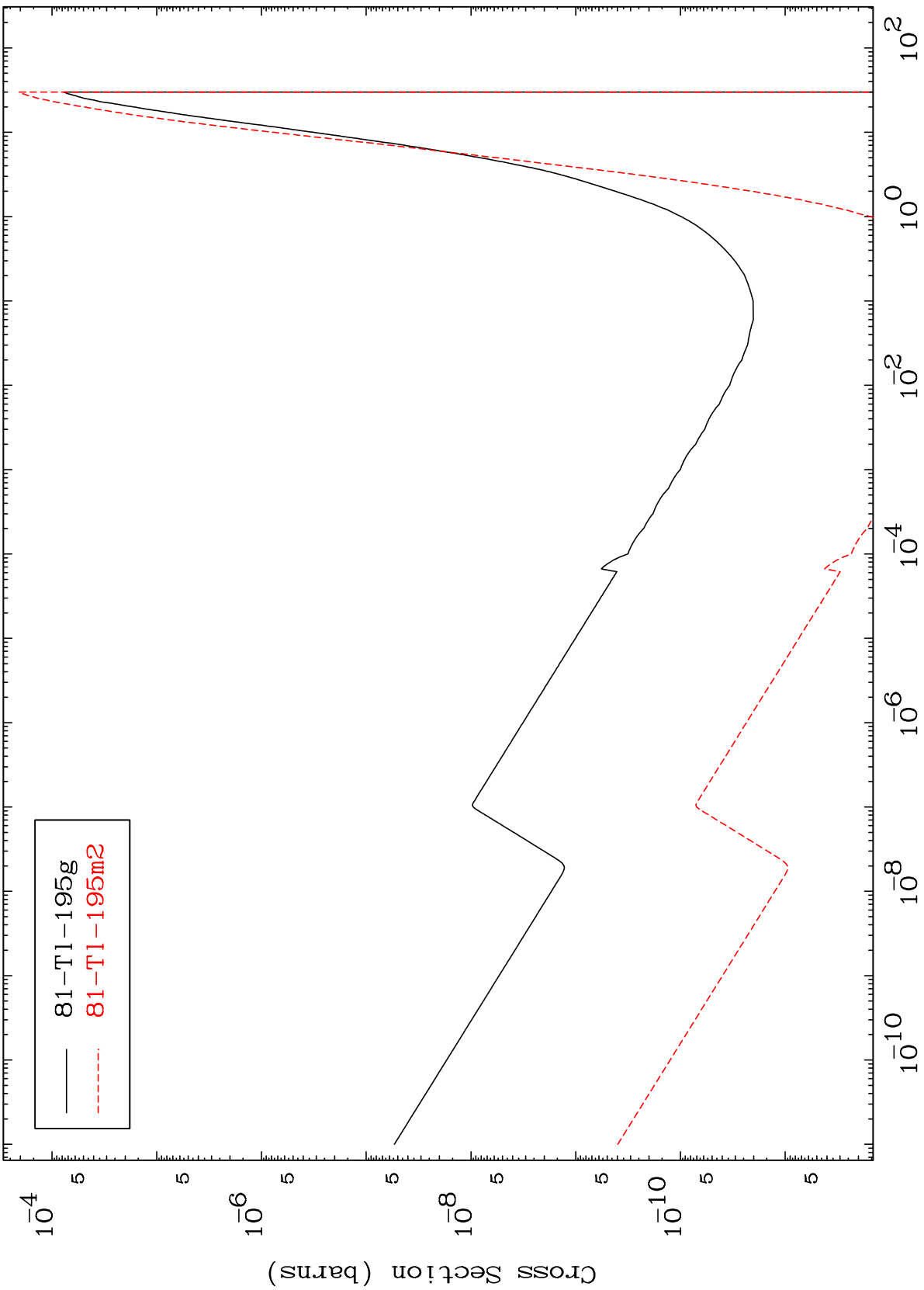
82-Pb-197g
82-Pb-197m2

MAT 8405

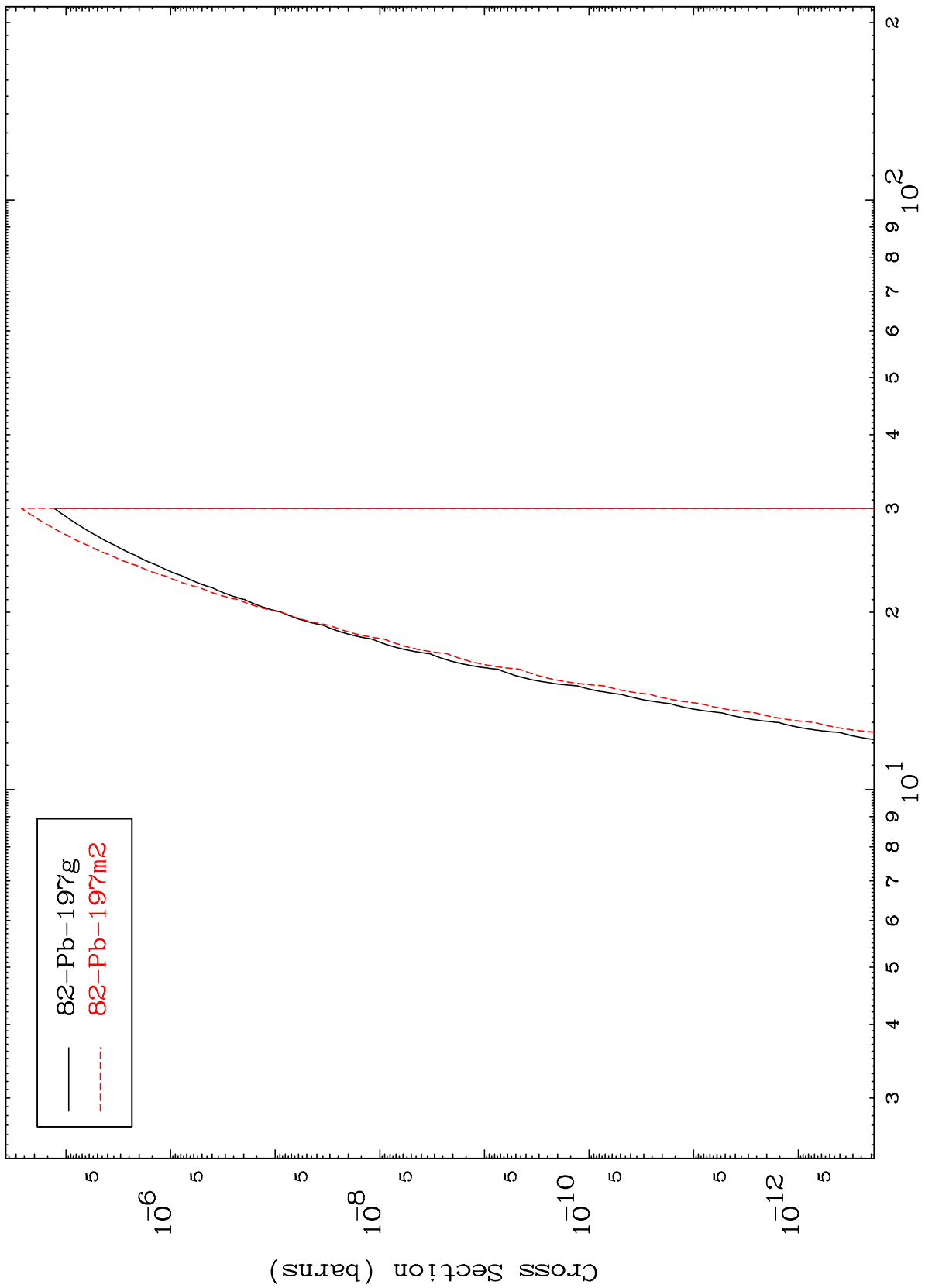
(n,p) α

84-Po-199

Radionuclide Production Cross Section



Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

MAT 8405

(n,d) α

84-Po-199

Radionuclide Production Cross Section

