

Program EVALPLOT
(Version 2021-1)

by

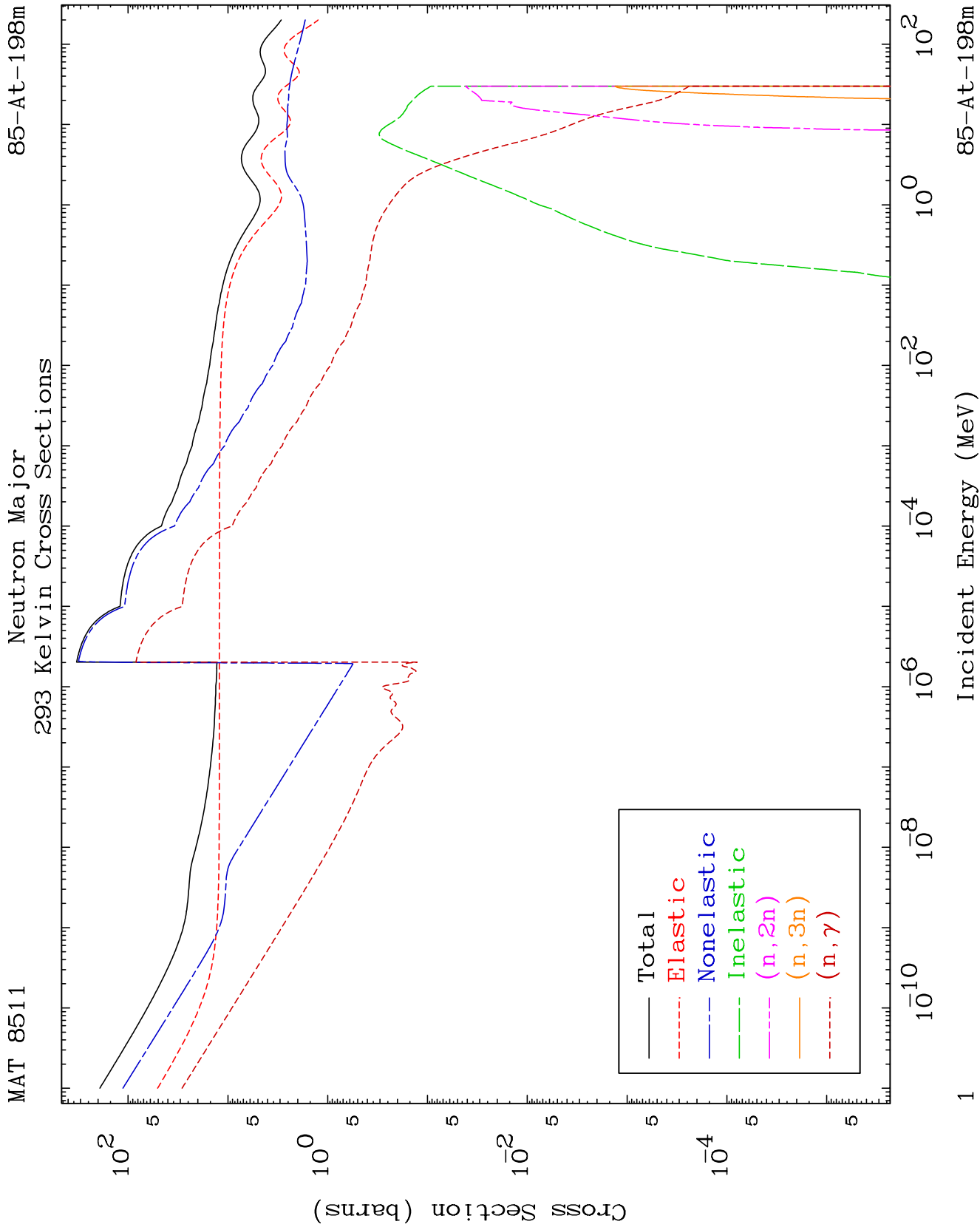
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail: redcullen1@comcast.net
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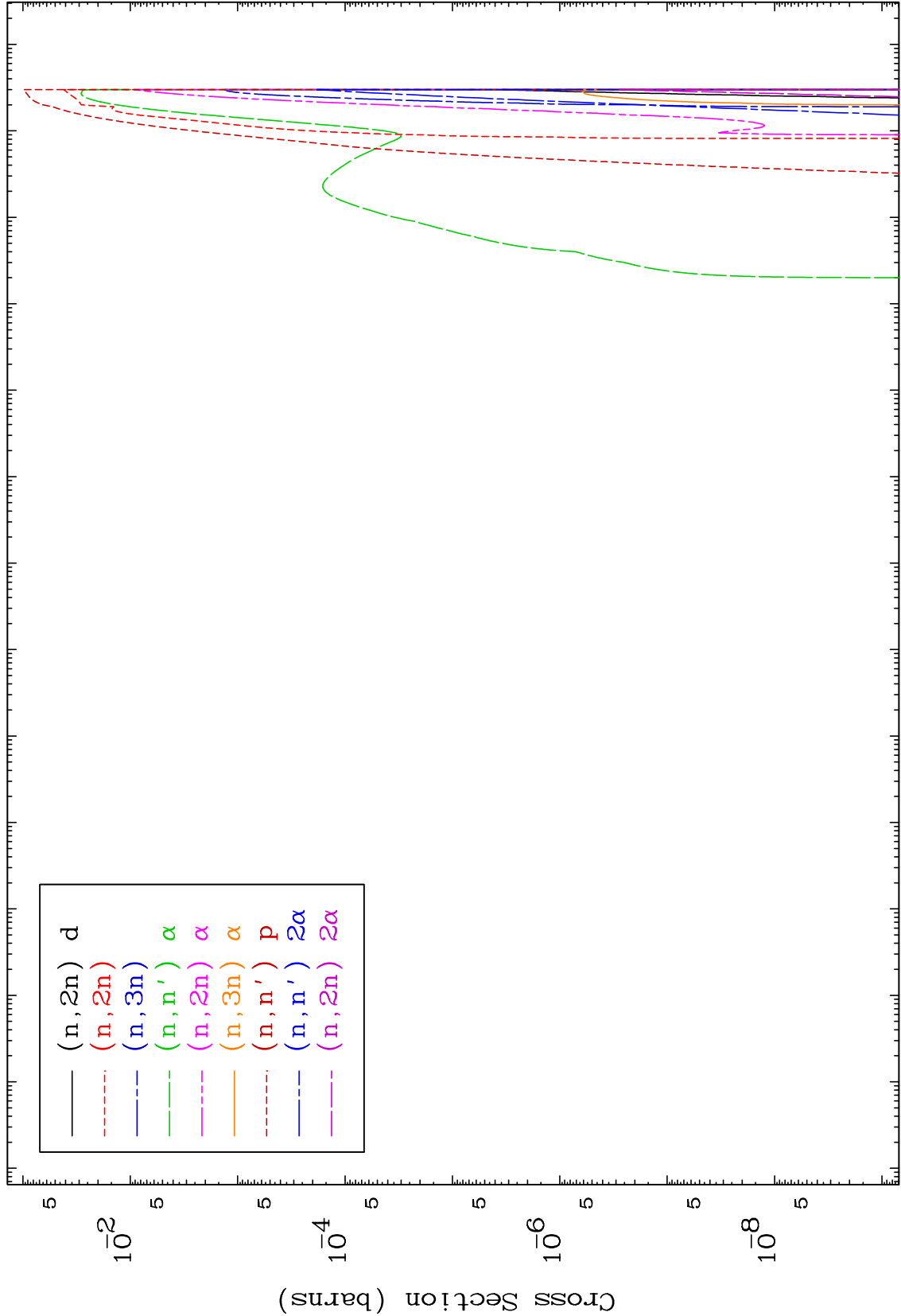
Press Mouse Button to Start

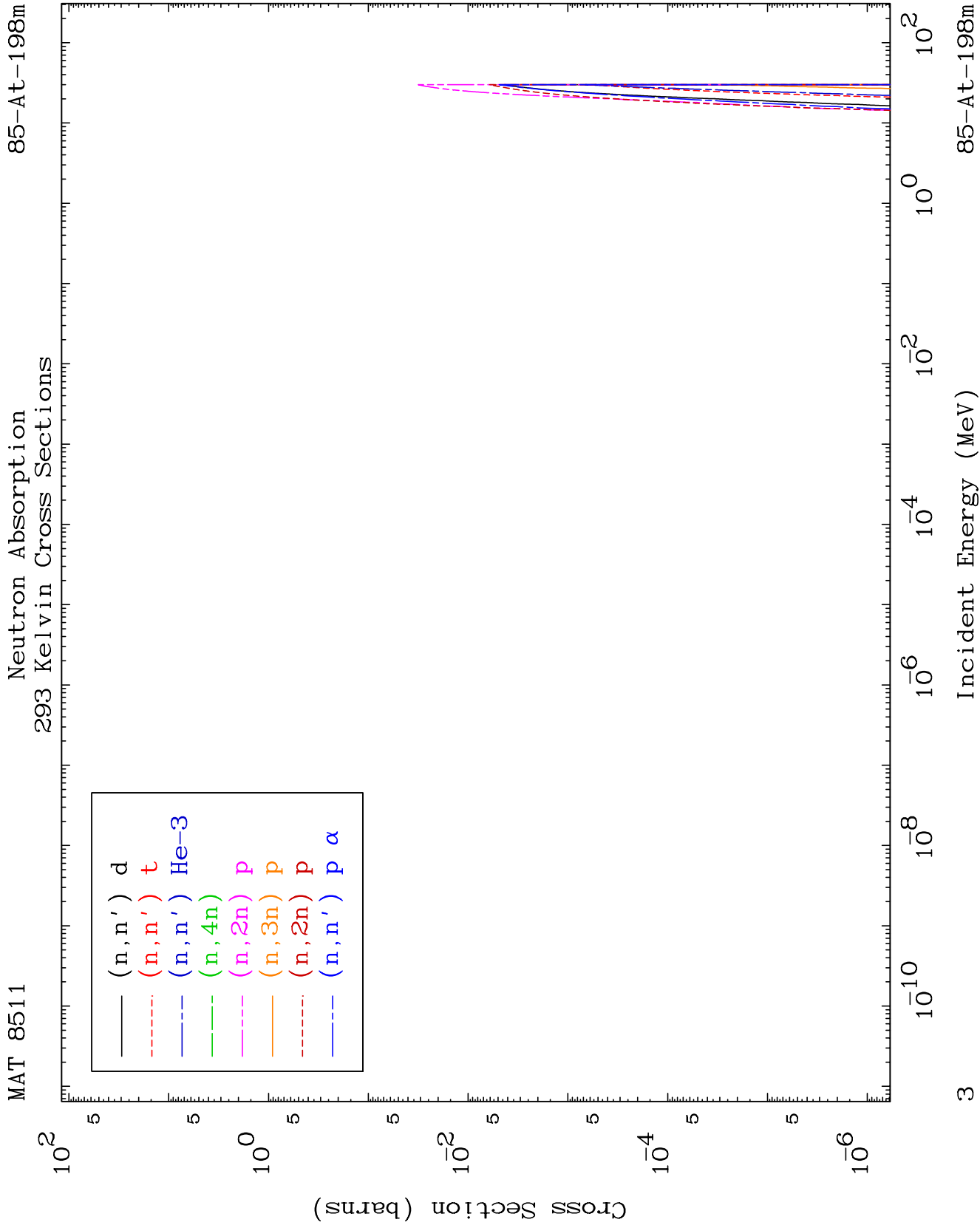


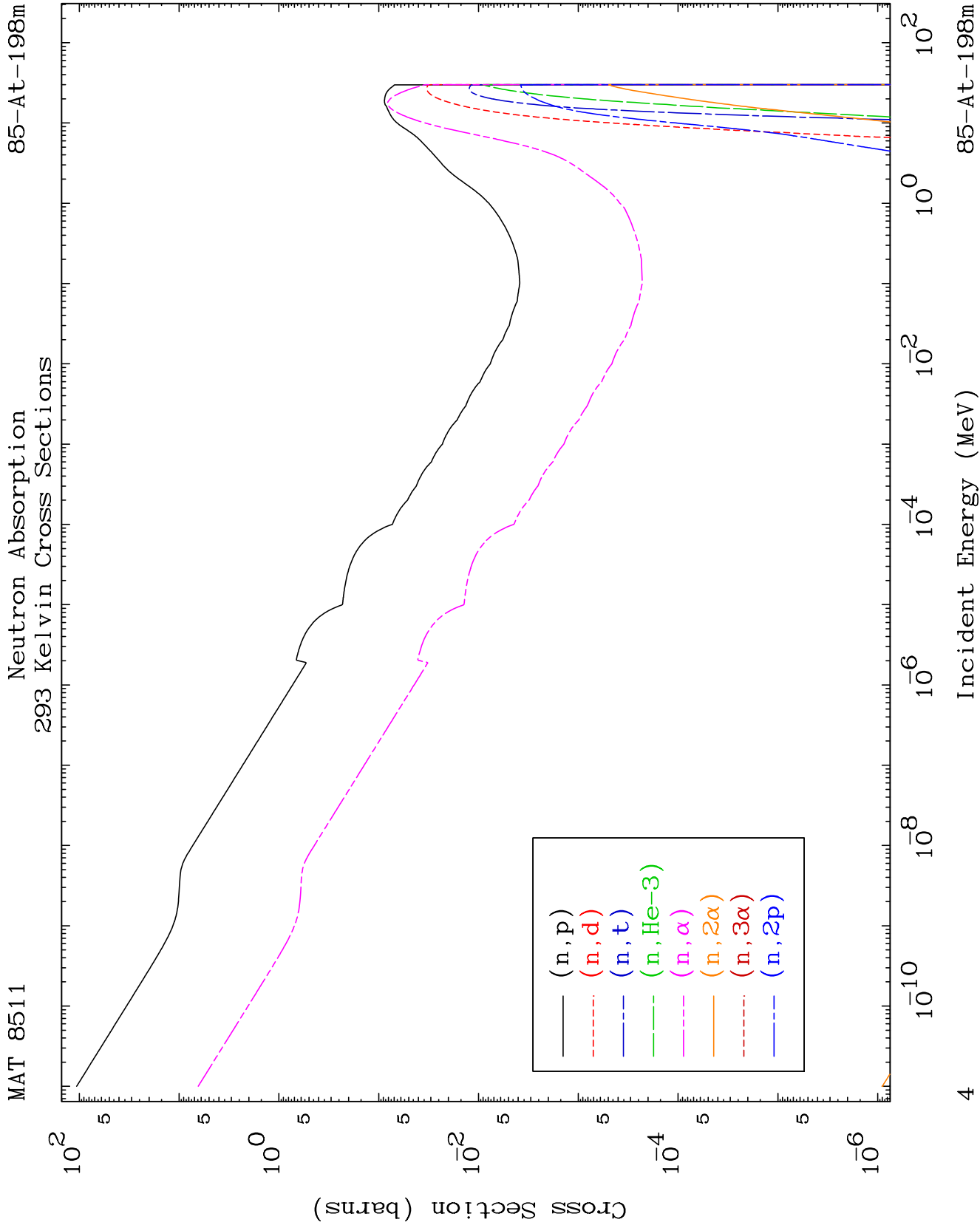
MAT 8511

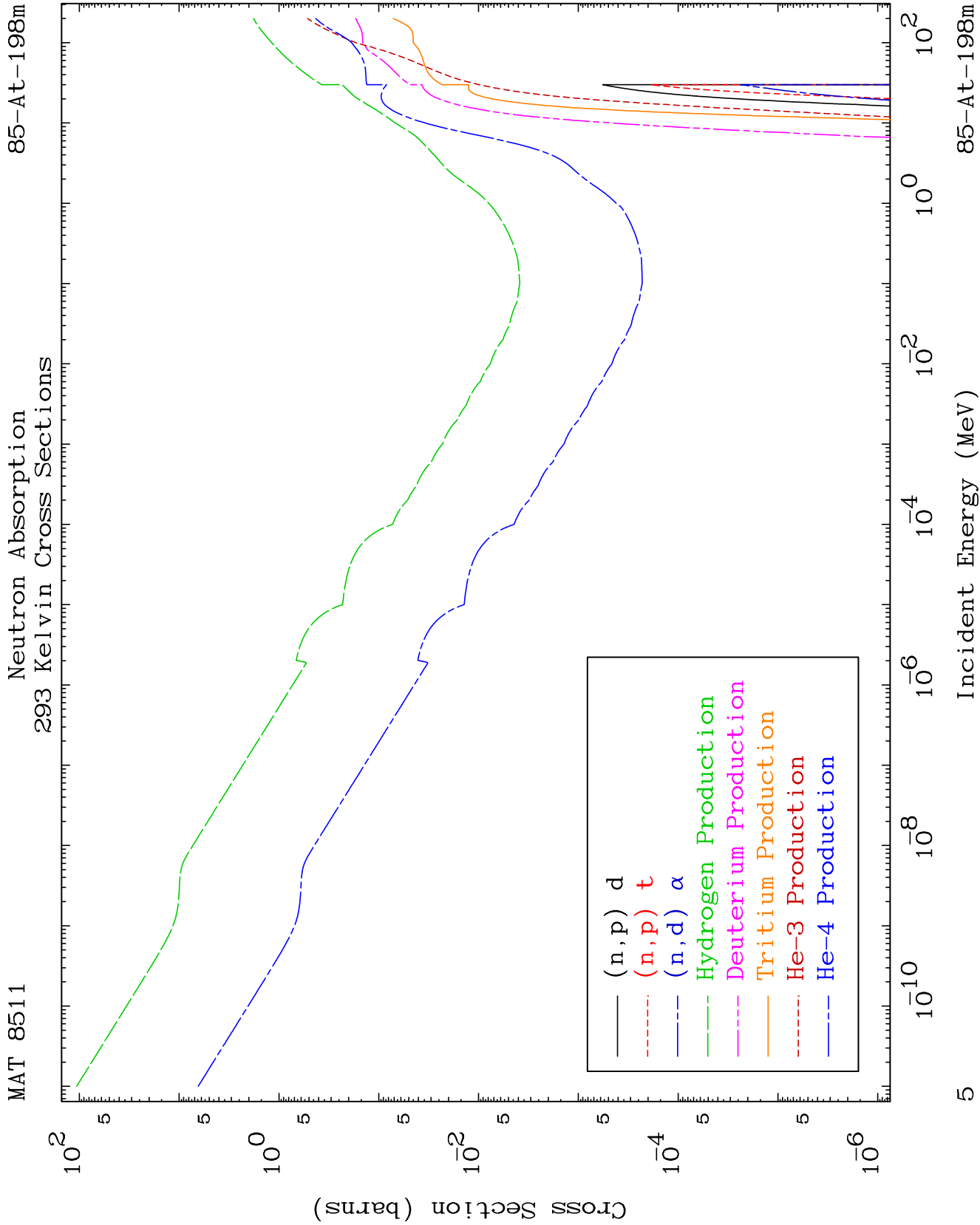
Neutron Absorption
293 Kelvin Cross Sections

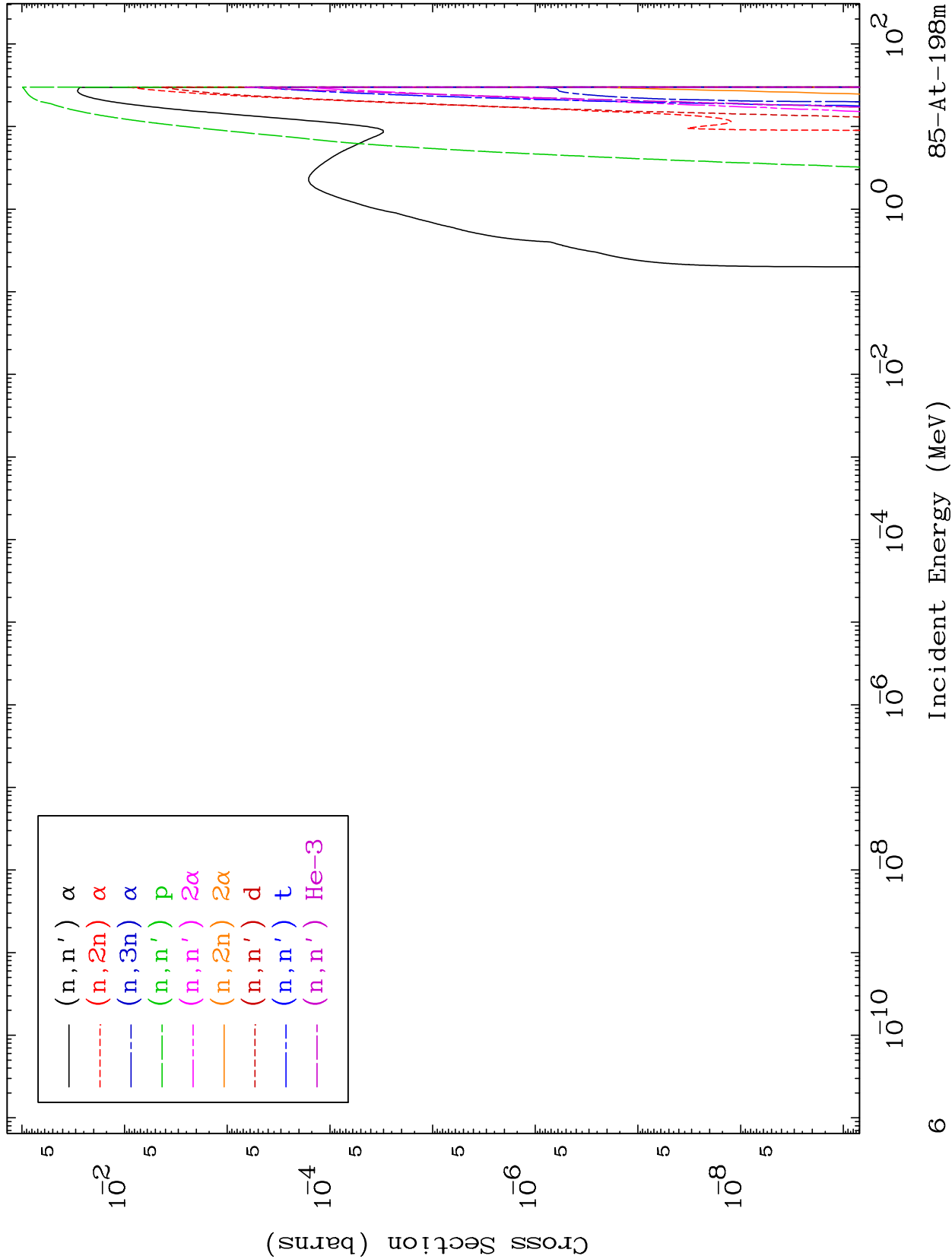
85-At-198m

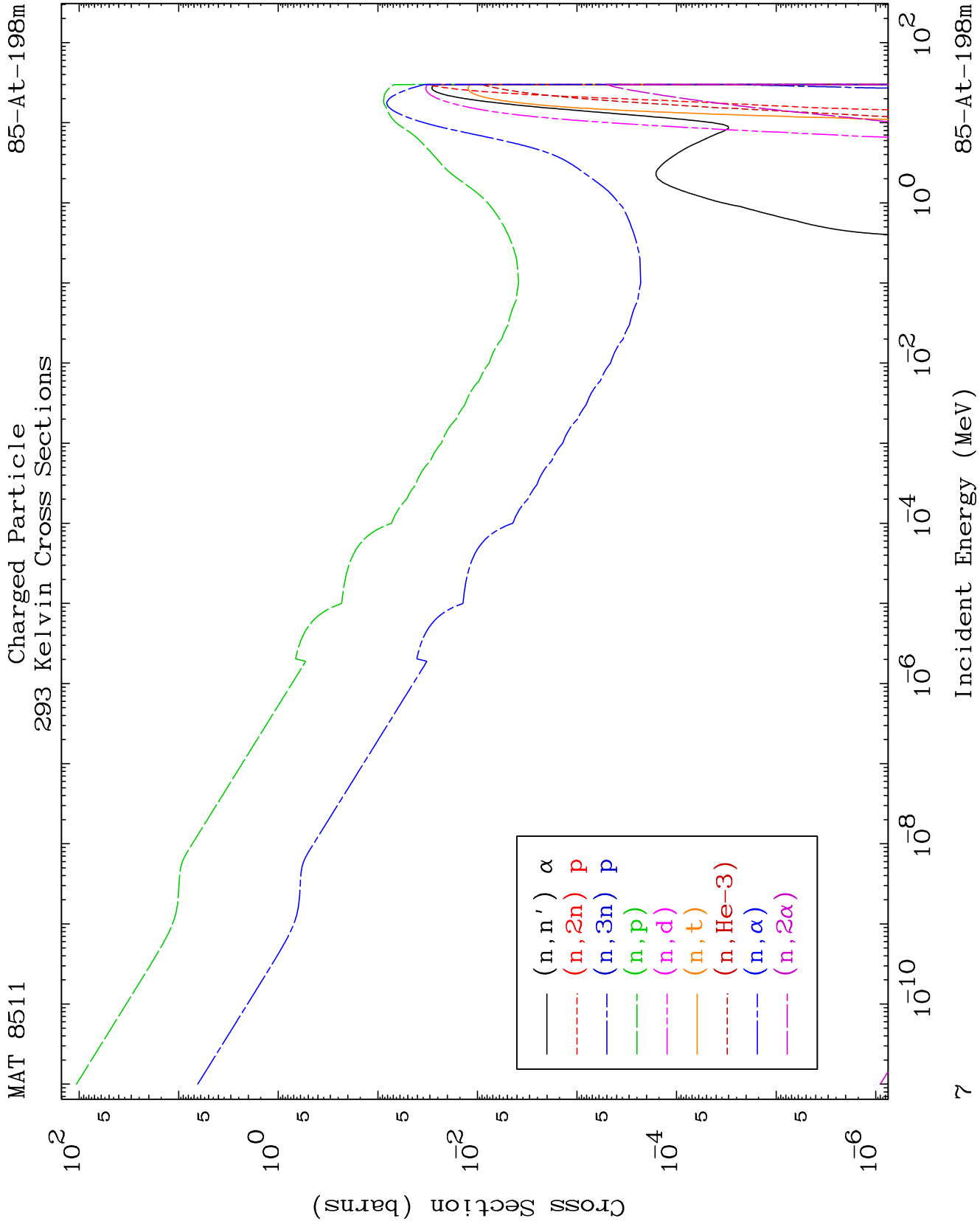








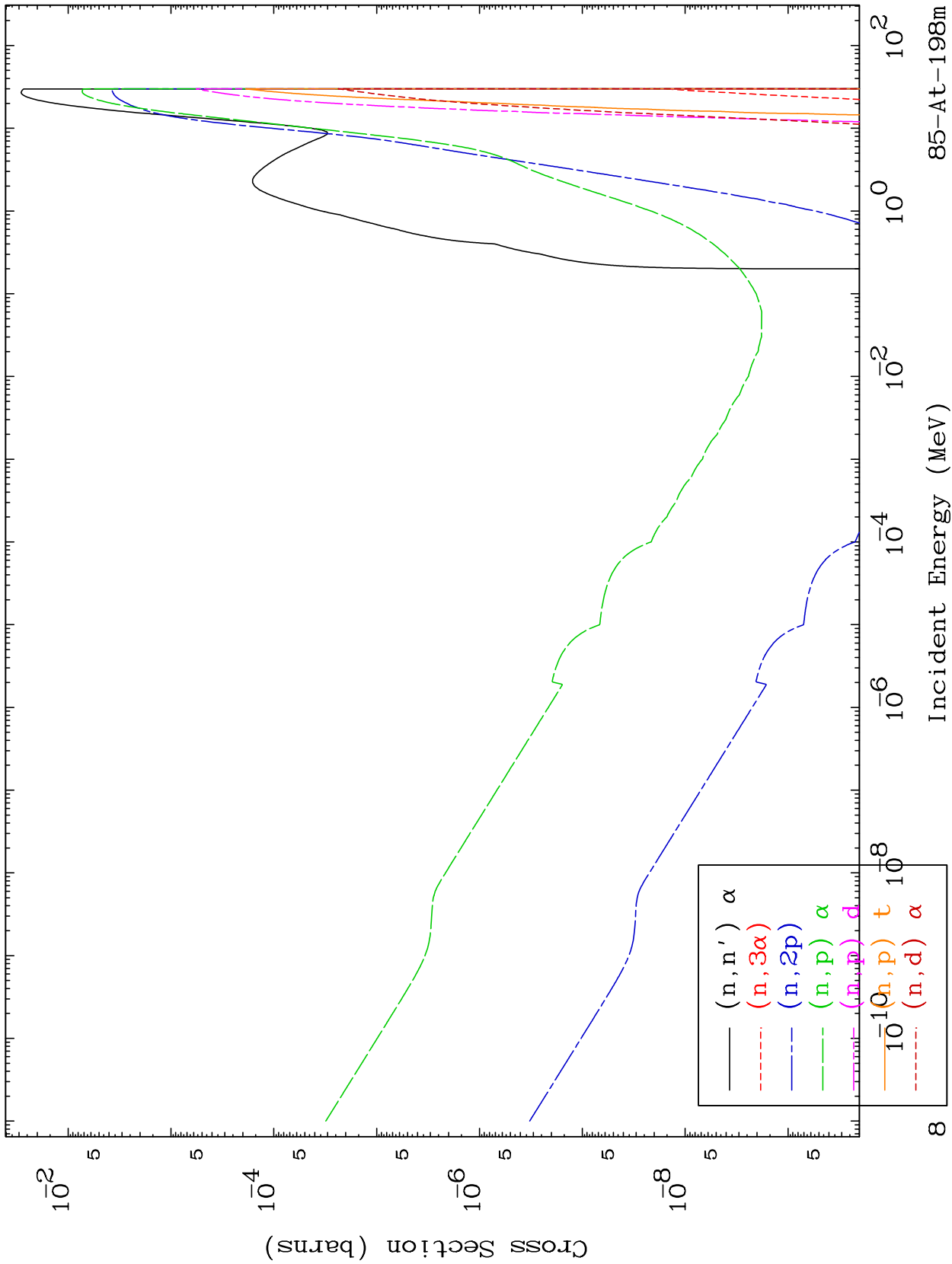


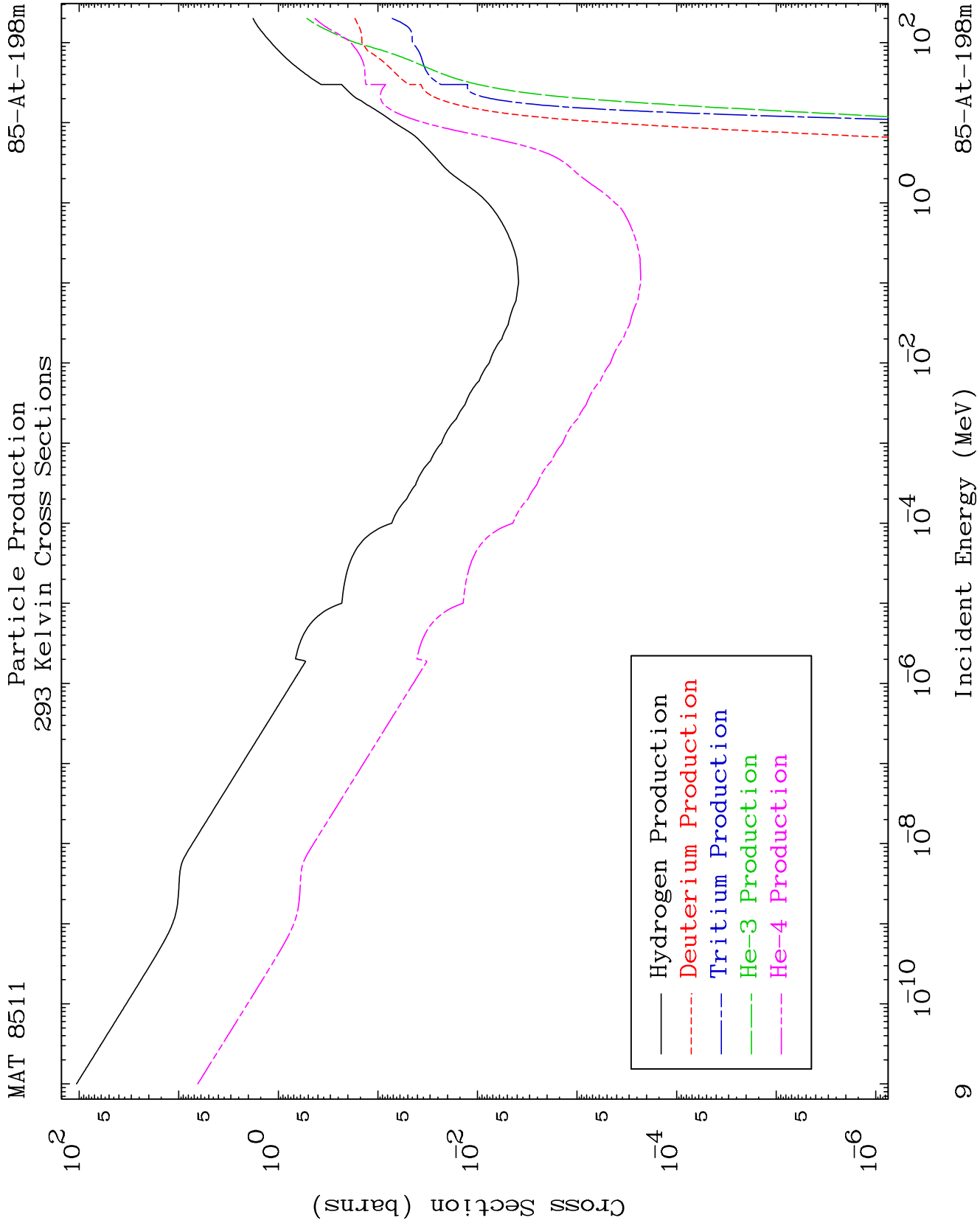


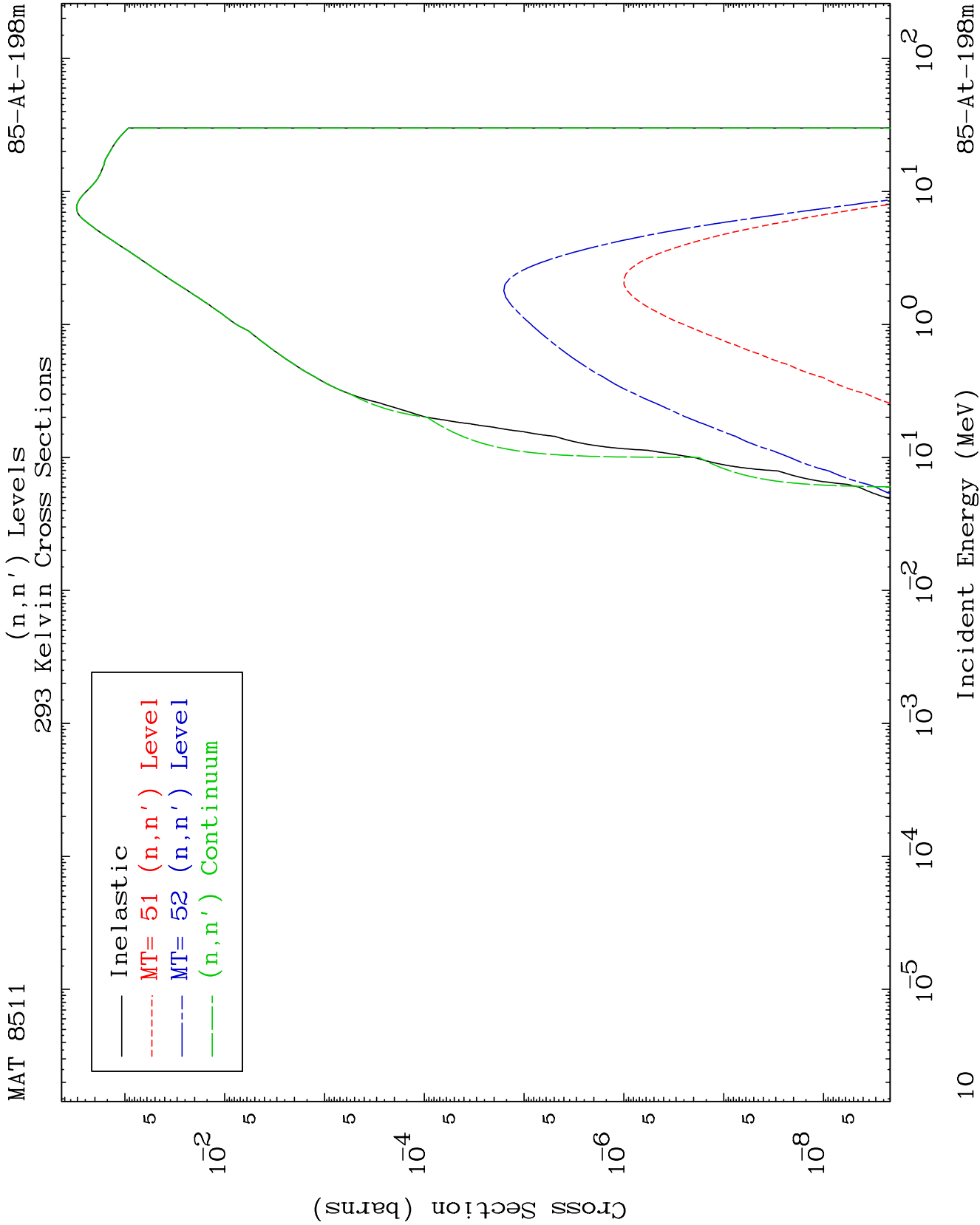
MAT 8511

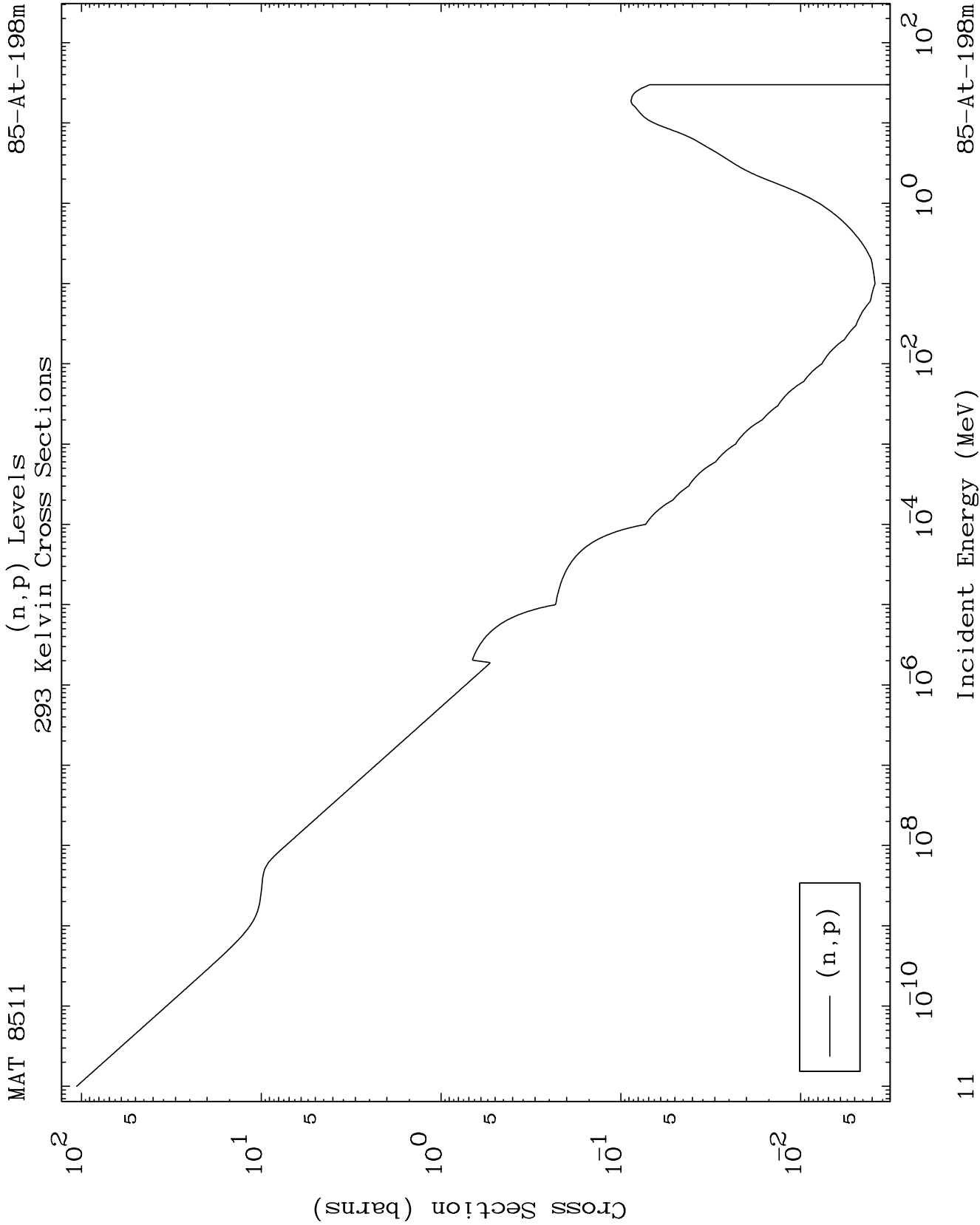
Charged Particle
293 Kelvin Cross Sections

85-At-198m





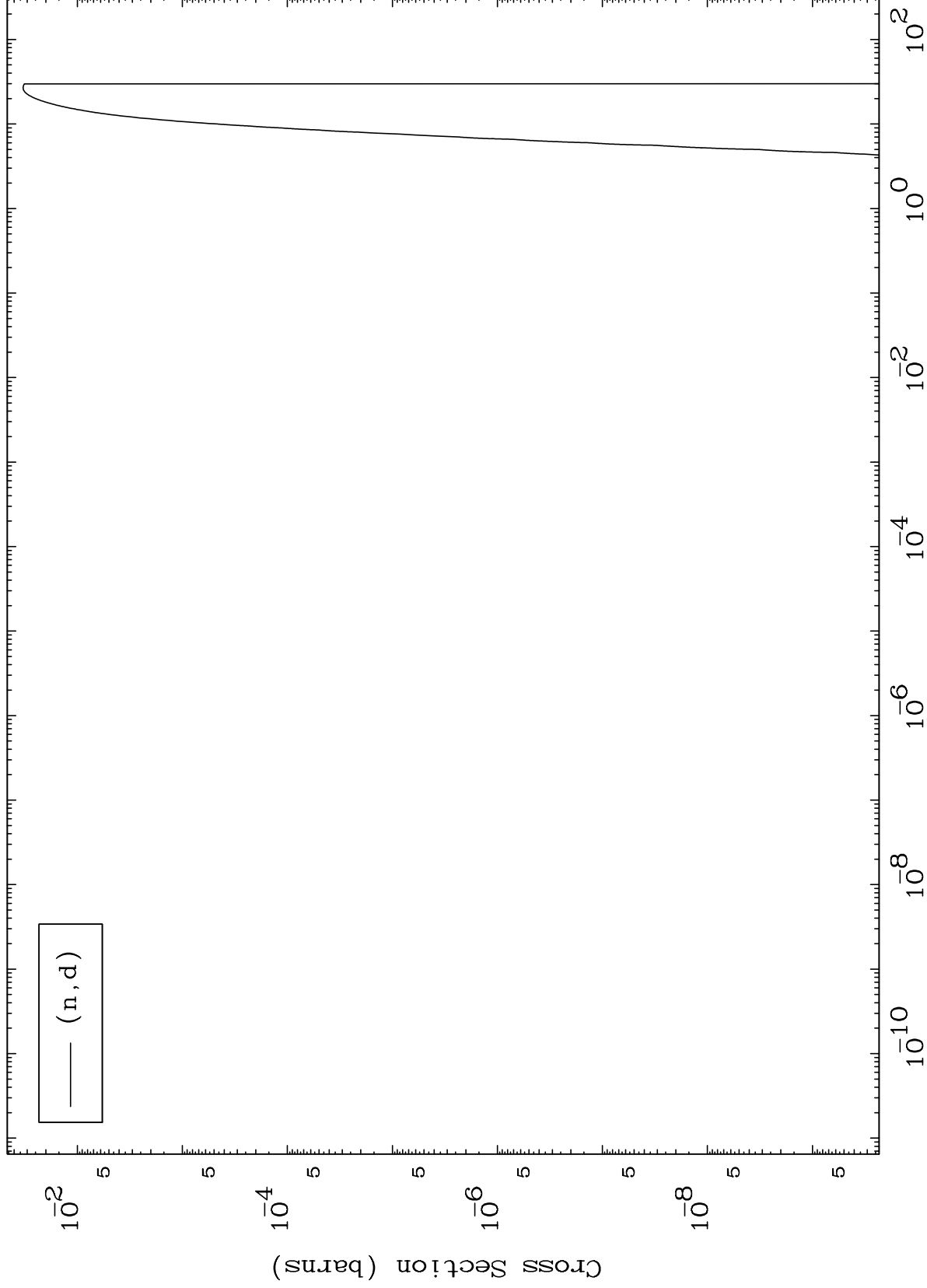




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(n,d) Levels
293 Kelvin Cross Sections

85-At-198m



12

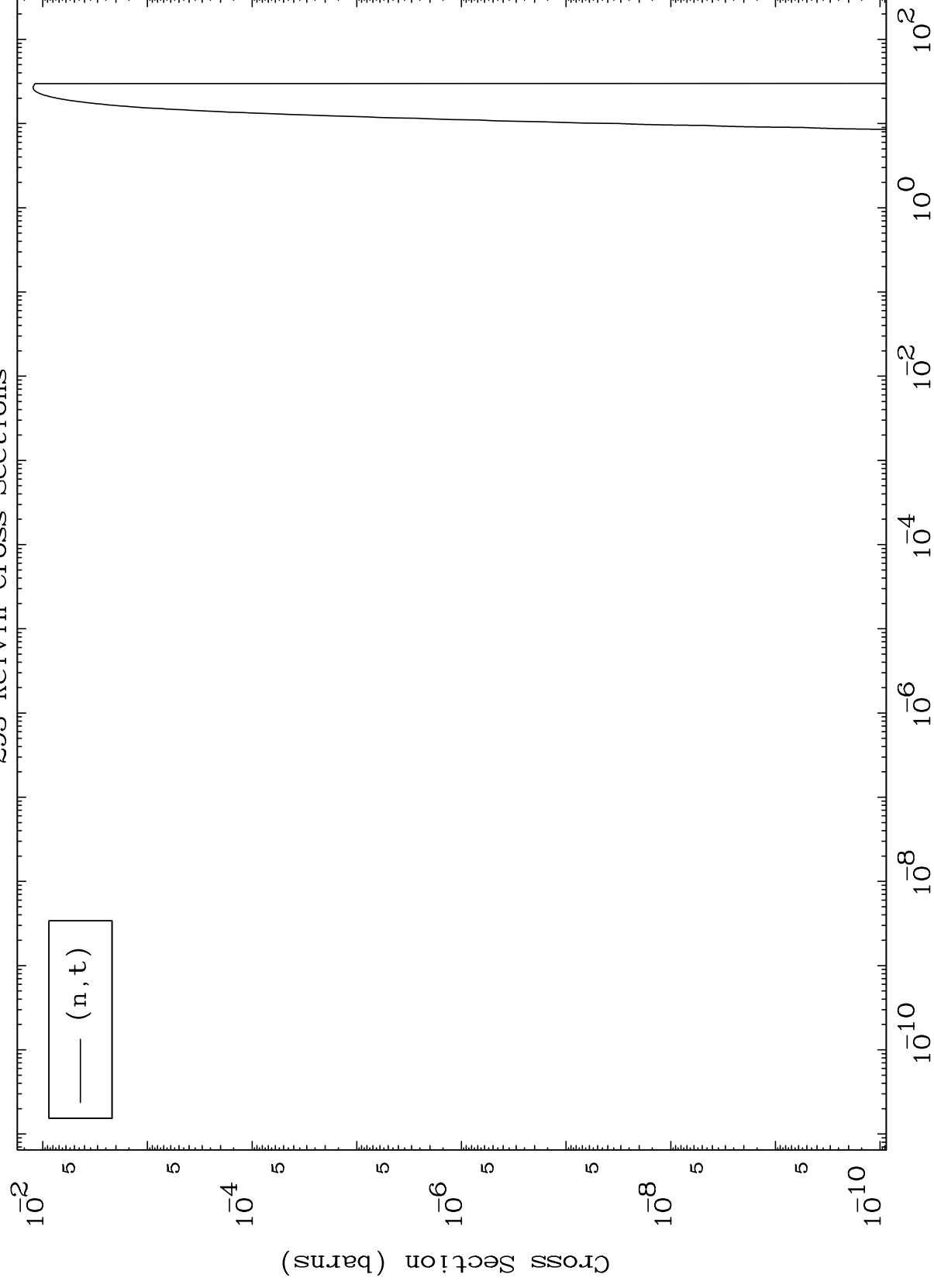
Incident Energy (MeV)

85-At-198m

MAT 8511

85-At-198m

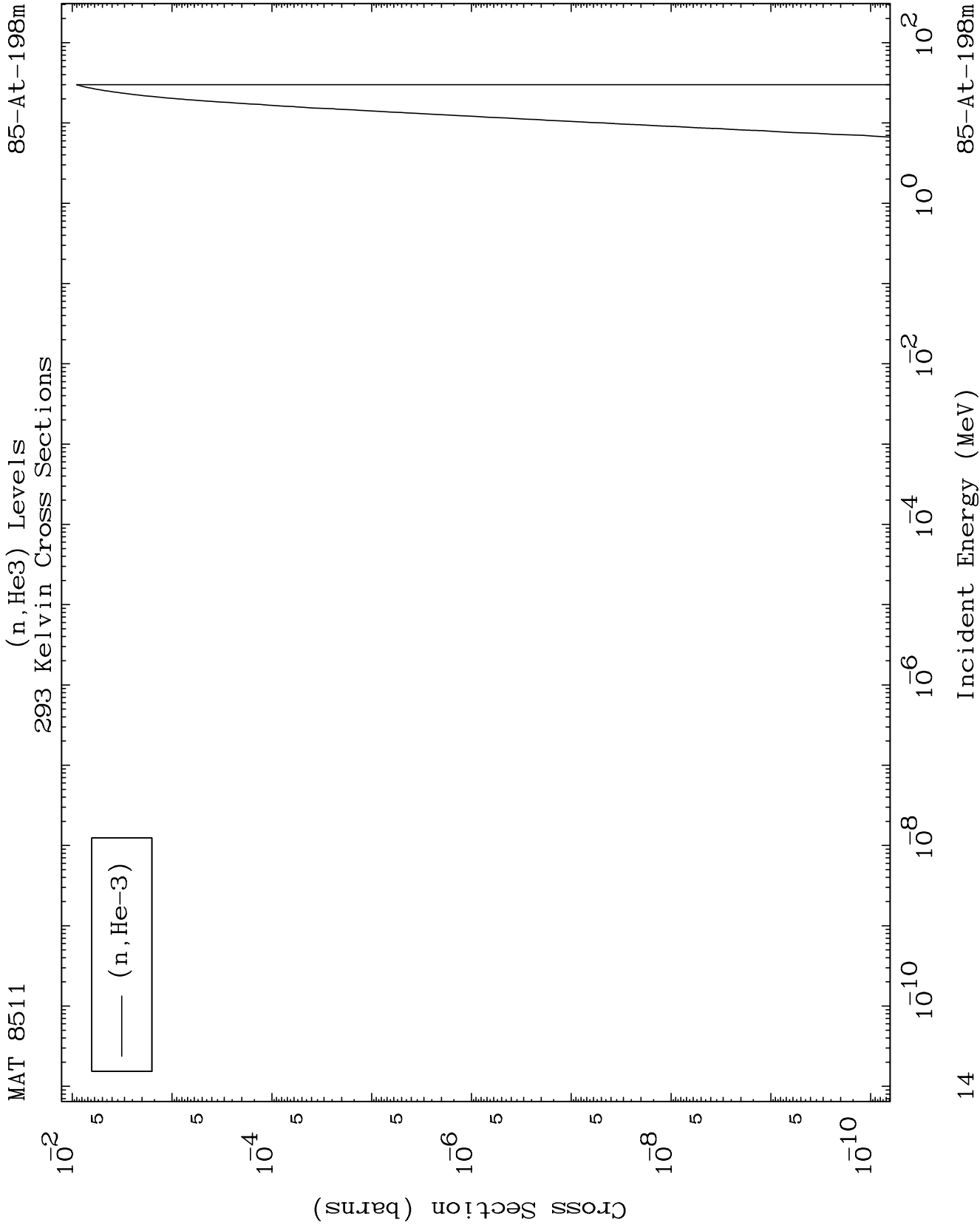
(n, t) Levels
293 Kelvin Cross Sections



13

Incident Energy (MeV)

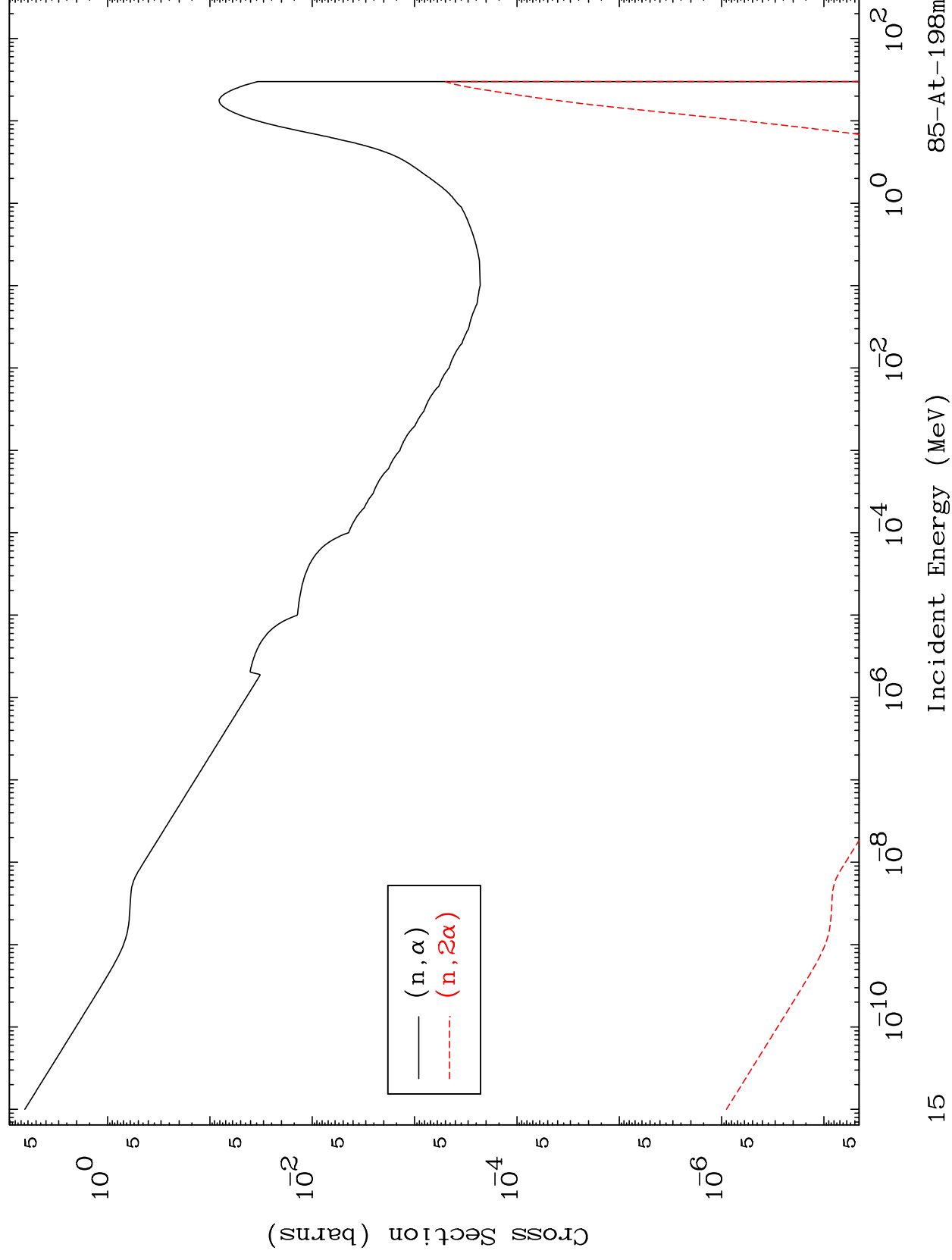
85-At-198m

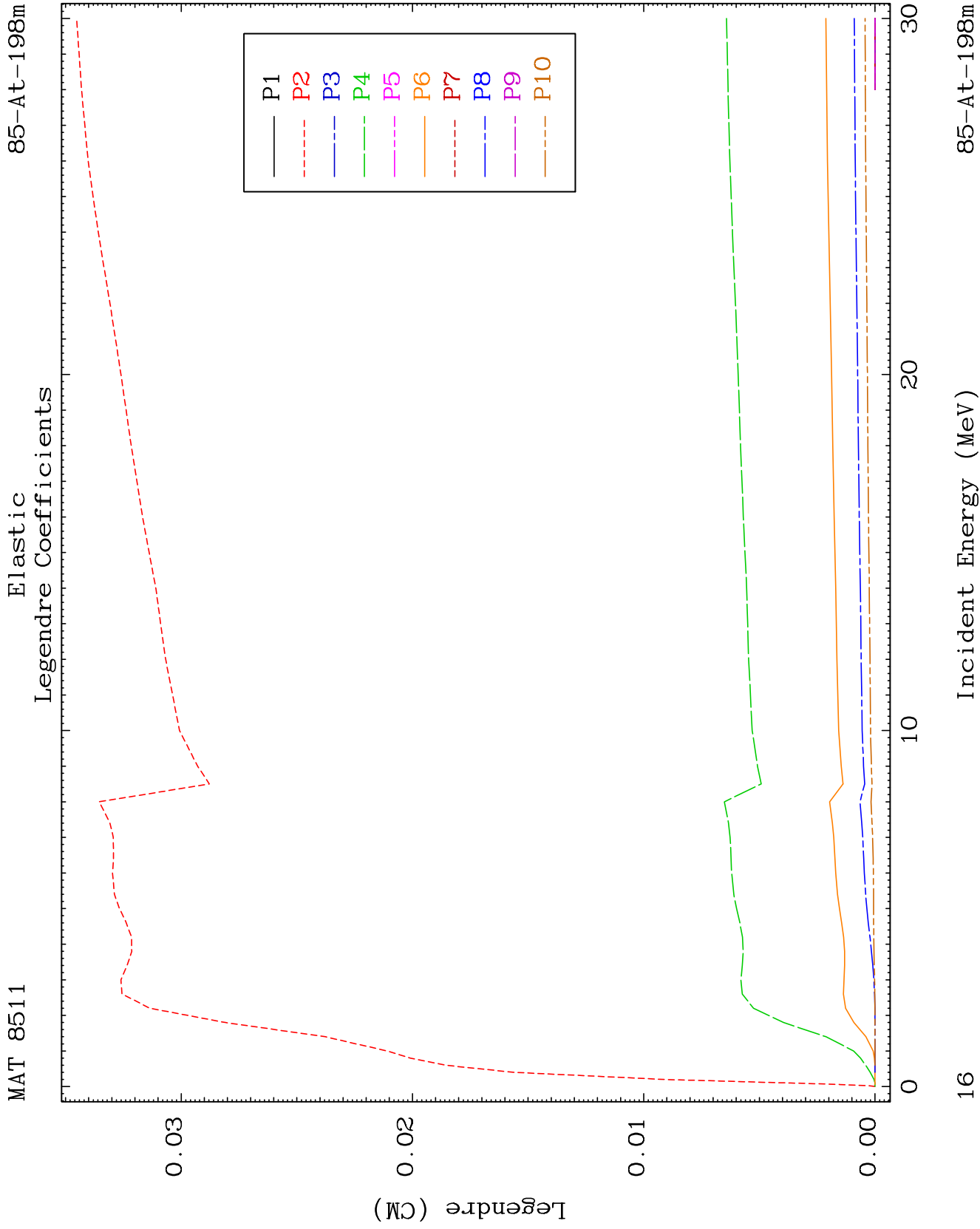


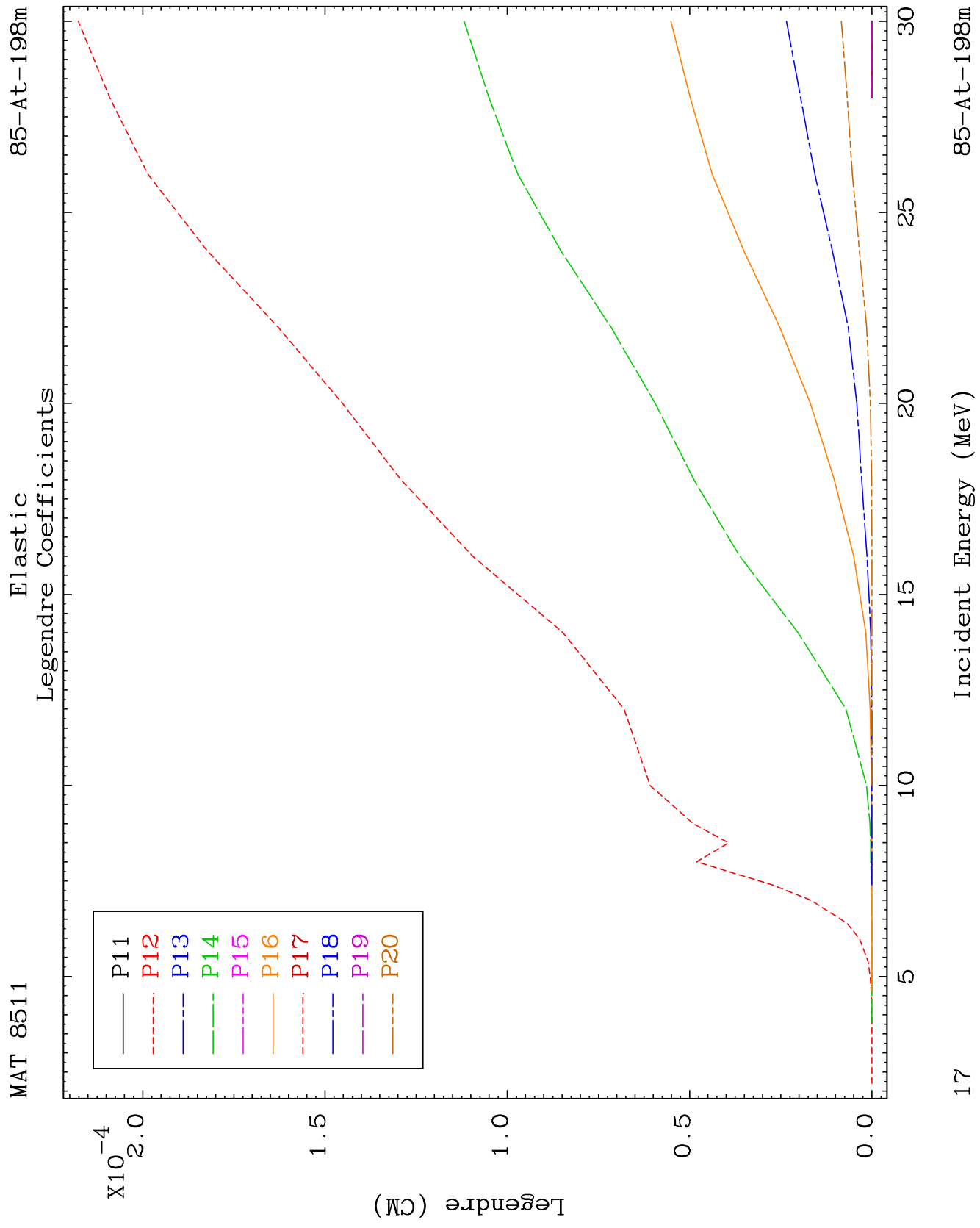
MAT 8511

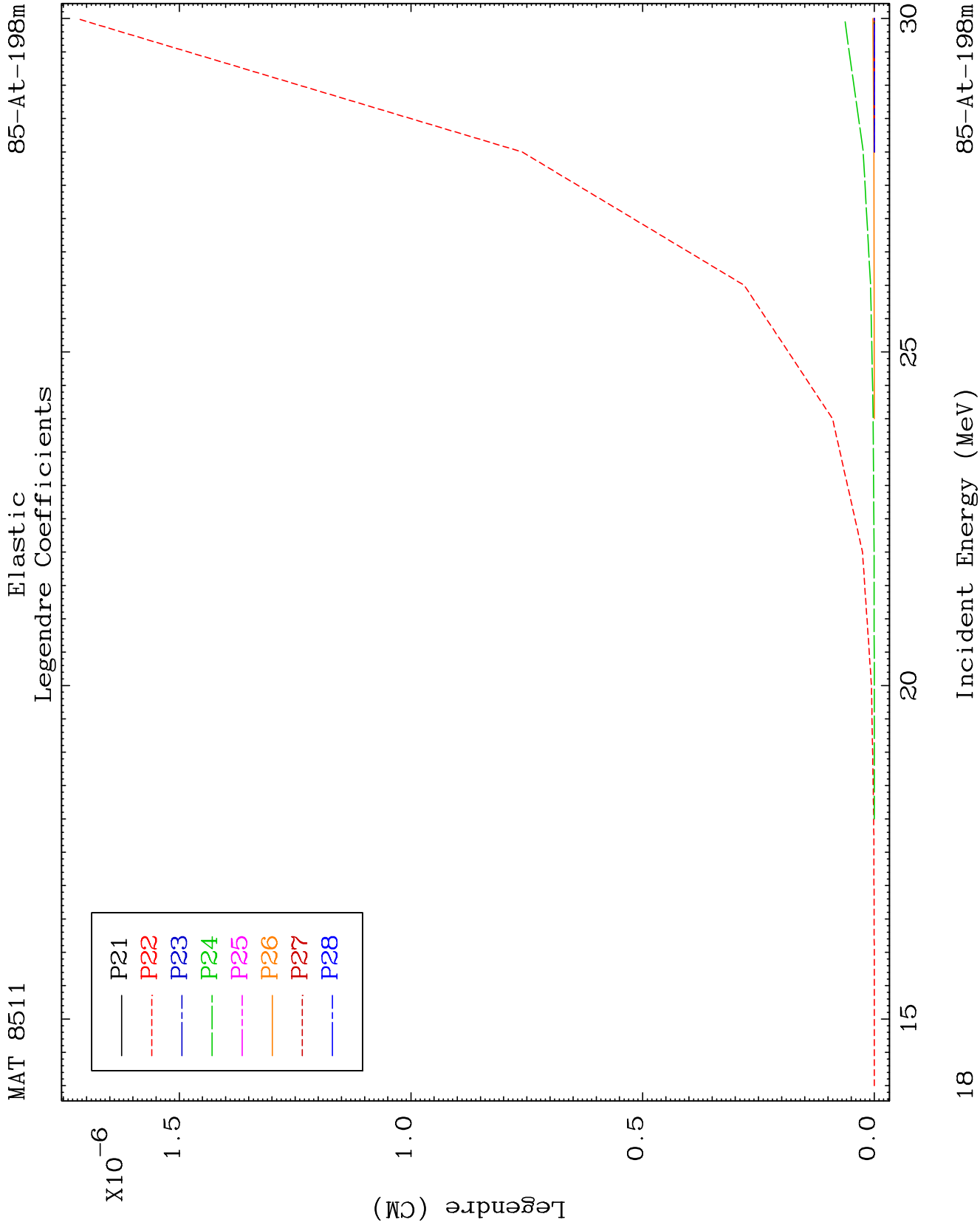
85-At-198m

(n, α) Levels
293 Kelvin Cross Sections





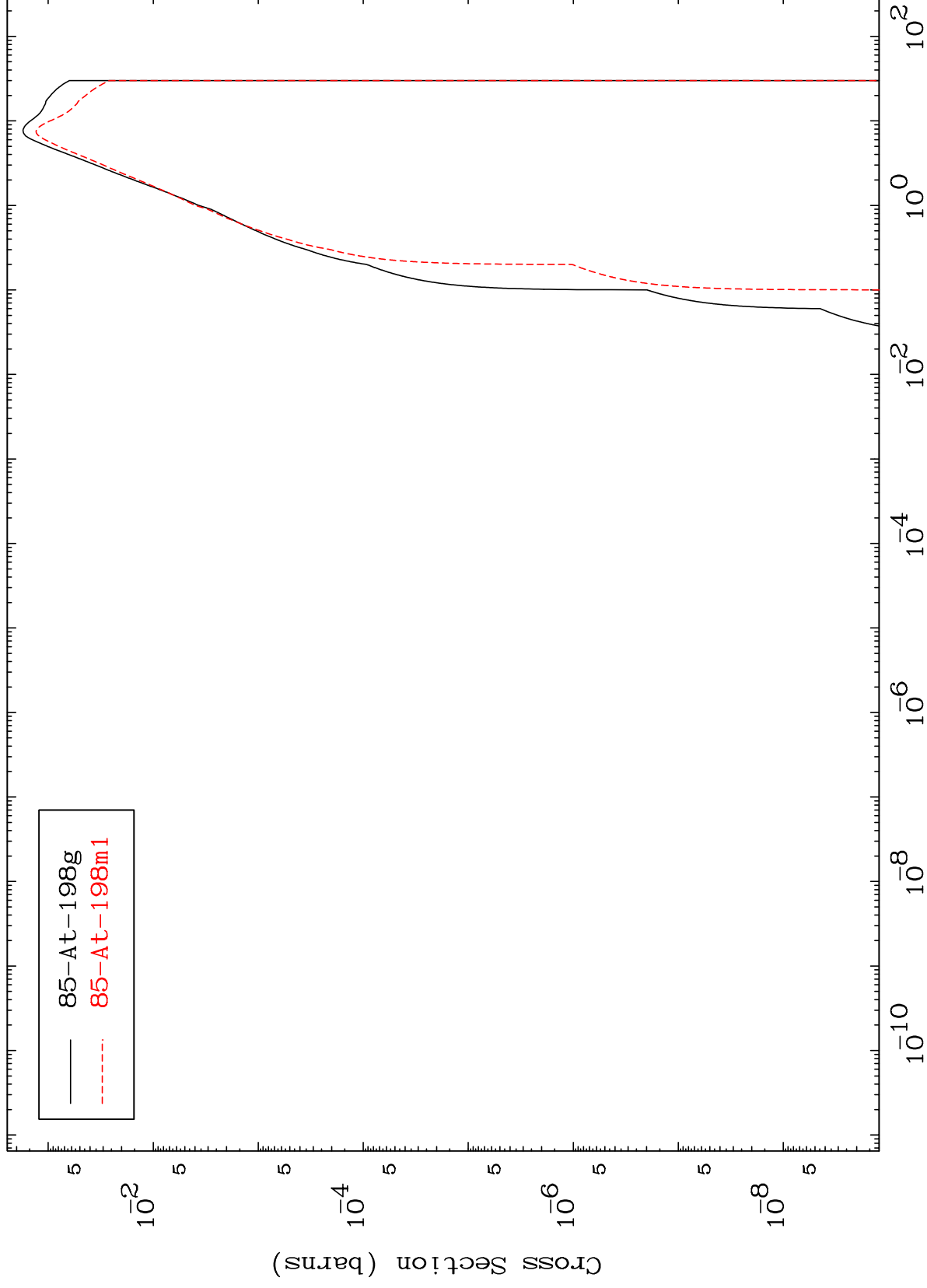




MAT 8511

Radionuclide Production Cross Section

85-At-198m



19

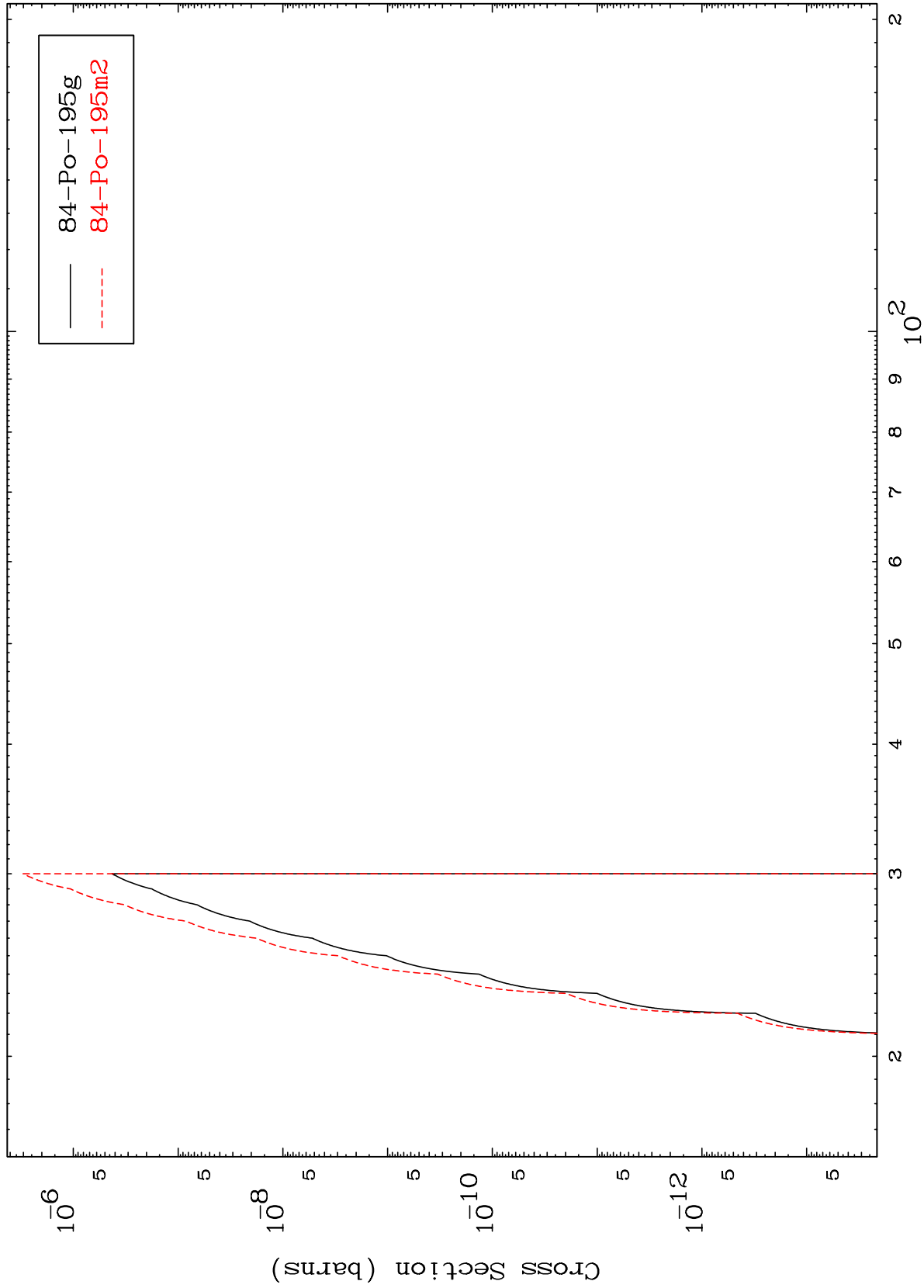
Incident Energy (MeV)

85-At-198m

MAT 8511

85-At-198m

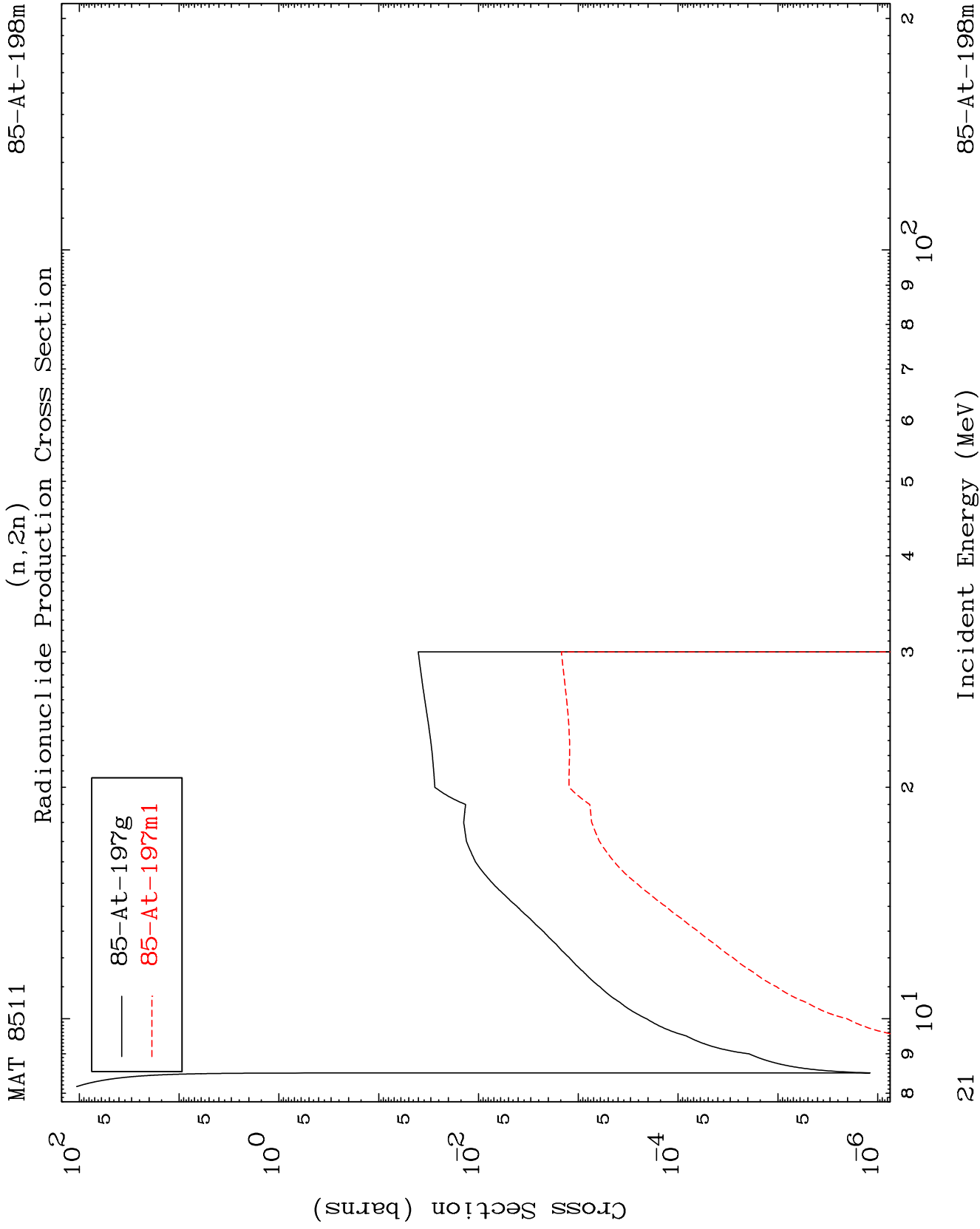
(n,2n) d
Radionuclide Production Cross Section



20

Incident Energy (MeV)

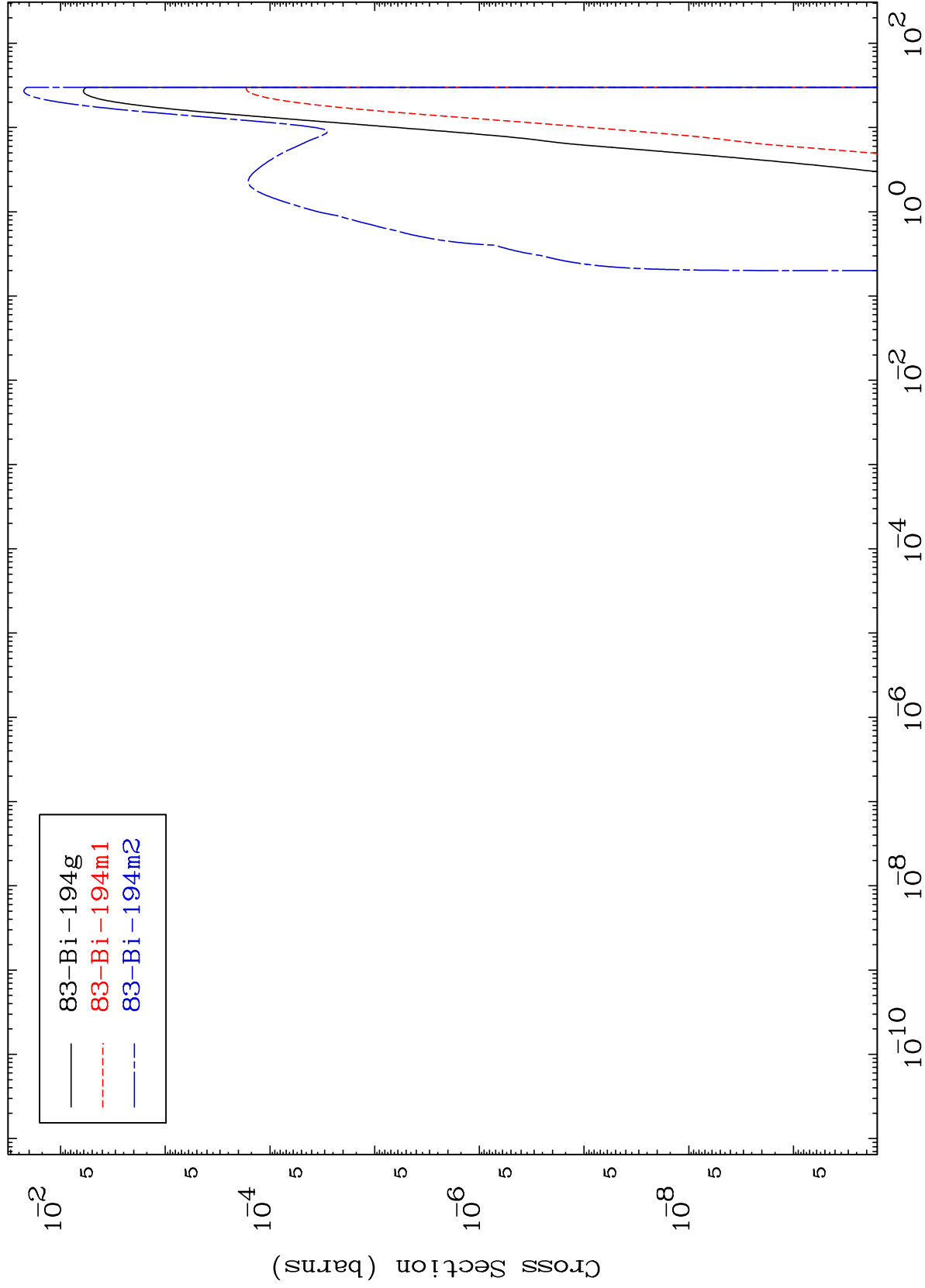
85-At-198m

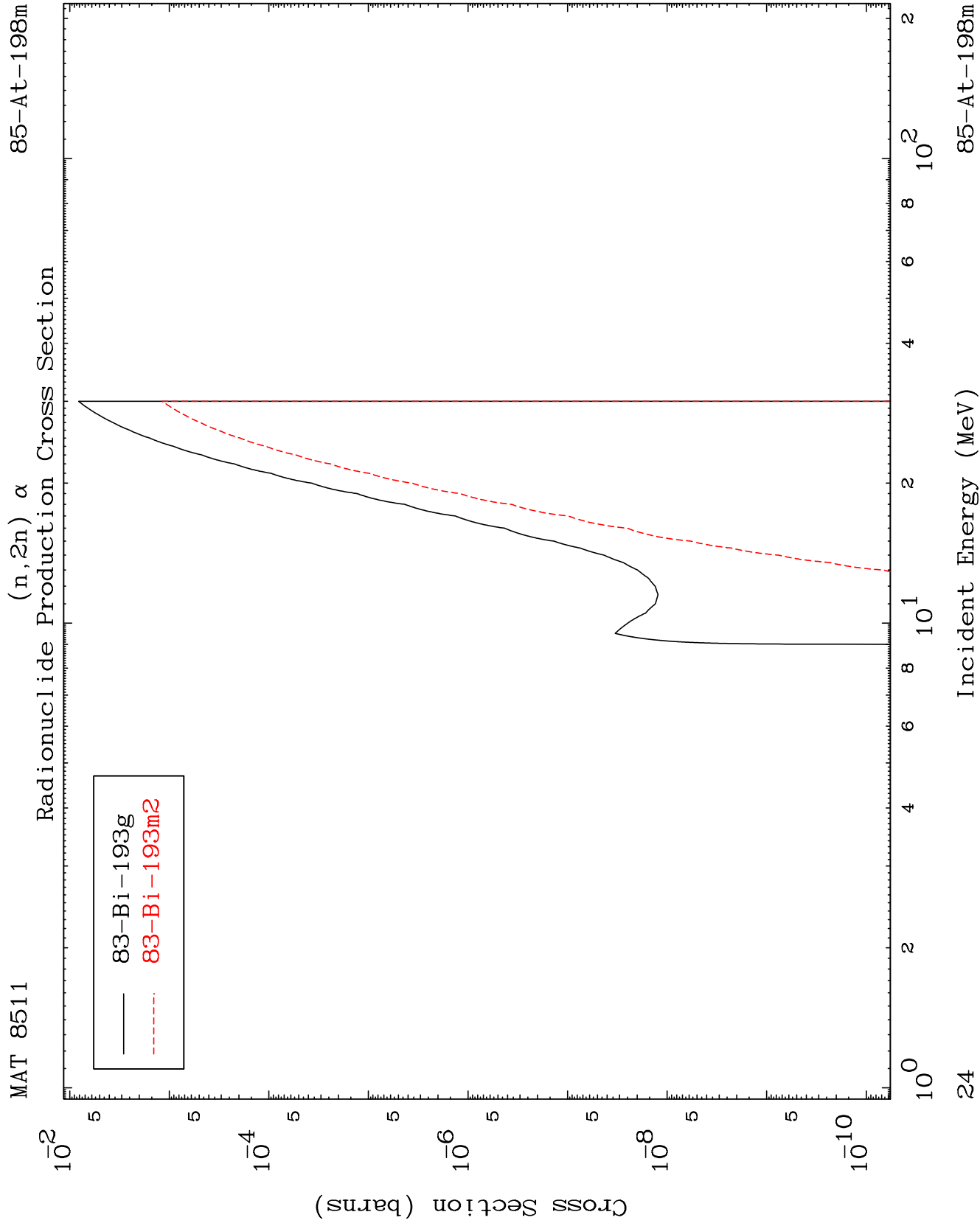


Fission
Radionuclide Production Cross Section



Radionuclide Production Cross Section

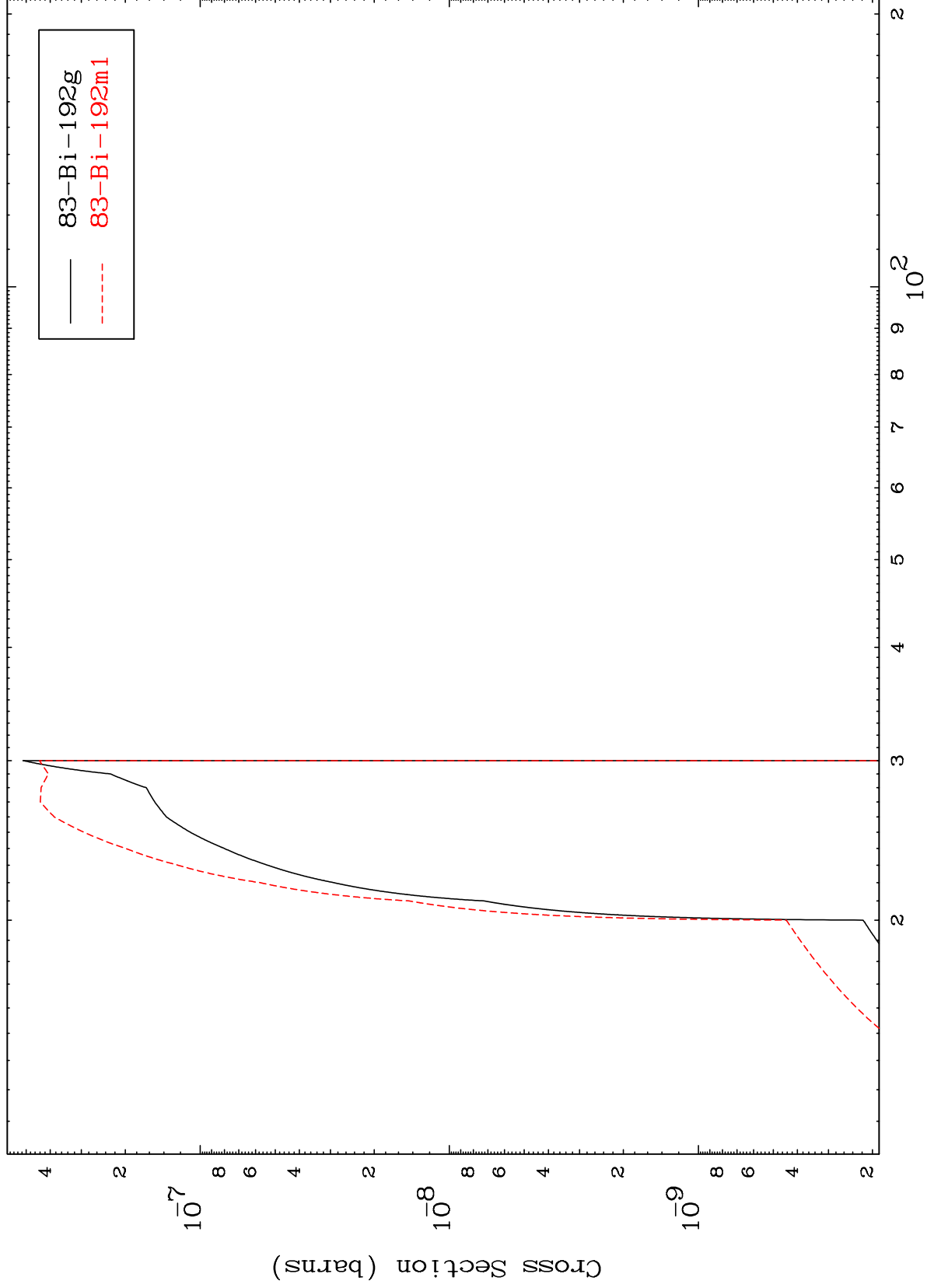




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85-At-198m

(n,3n) α
Radionuclide Production Cross Section

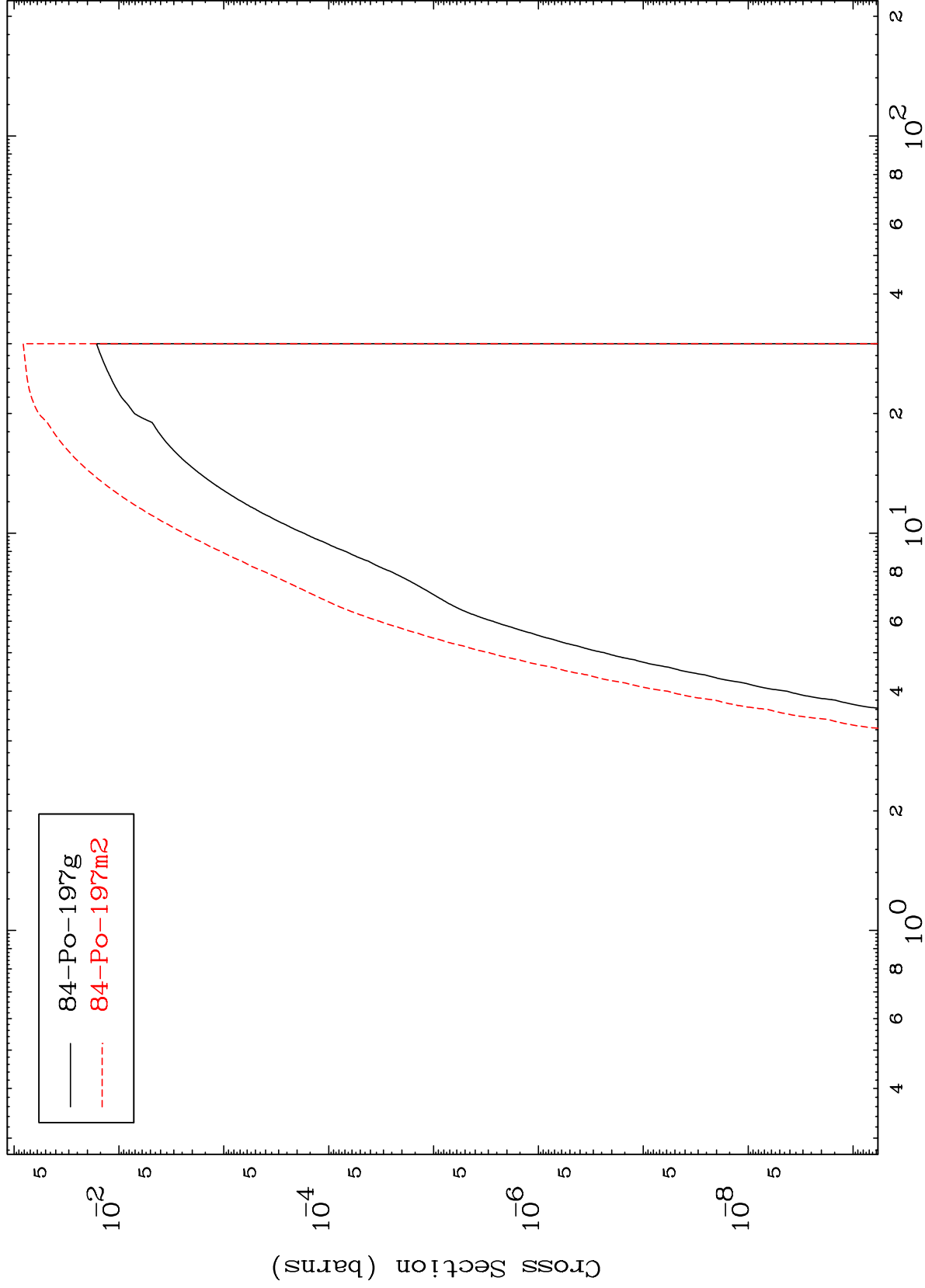


25

Incident Energy (MeV)

85-At-198m

Radionuclide Production Cross Section

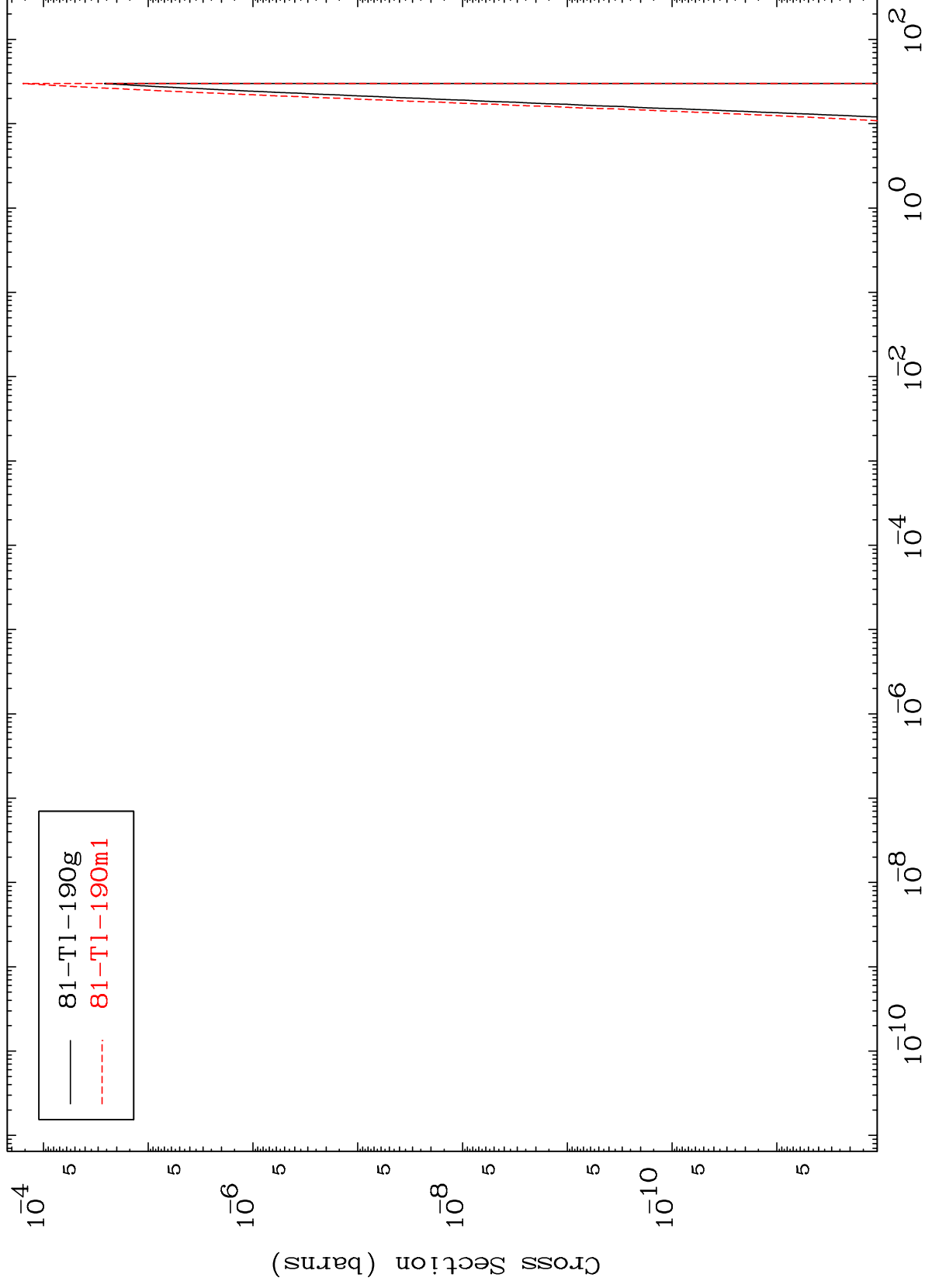


MAT 8511

(n,n') 2α

85-At-198m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

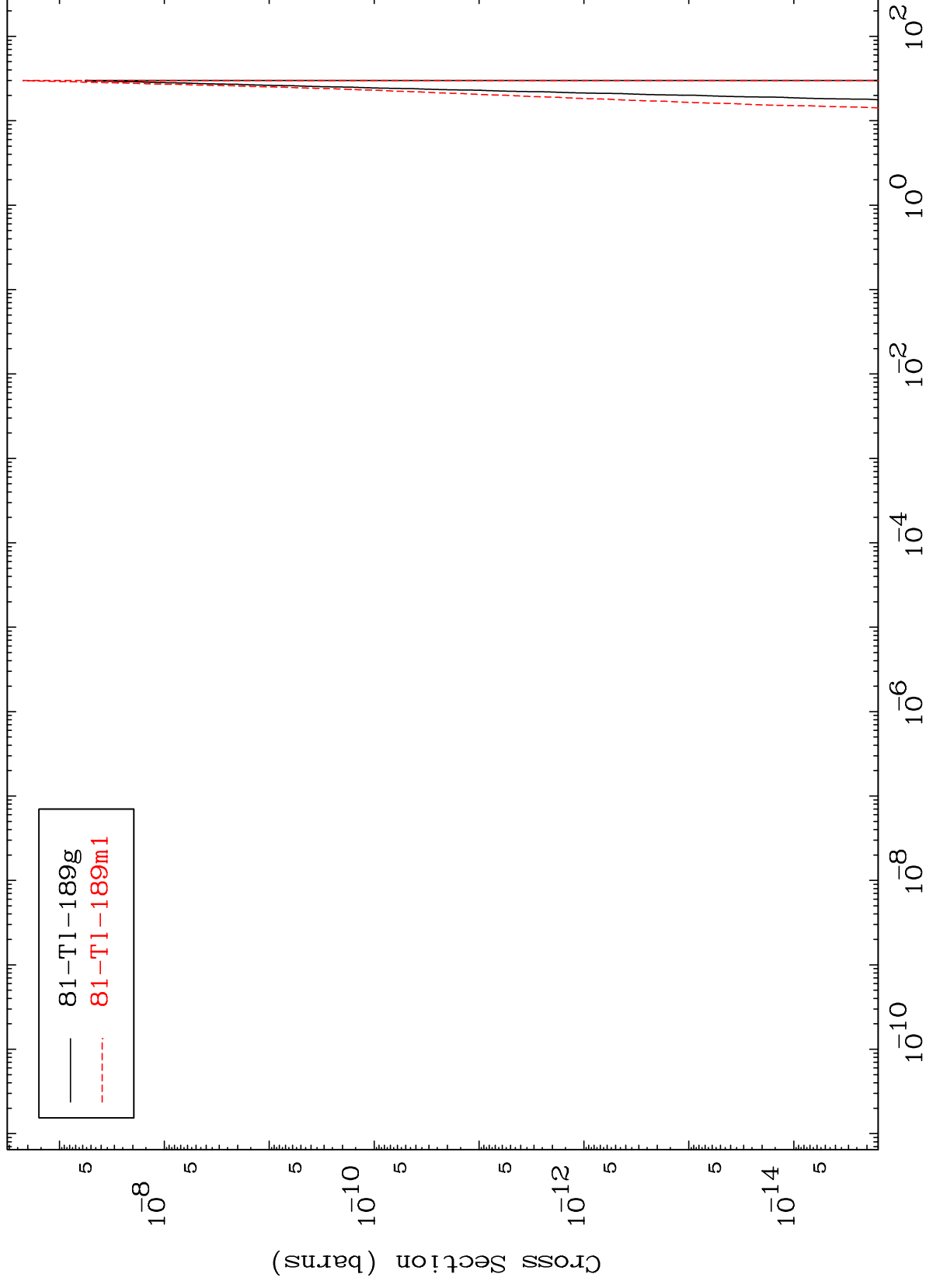
85-At-198m

MAT 8511

(n,2n) 2α

85-At-198m

Radionuclide Production Cross Section



28

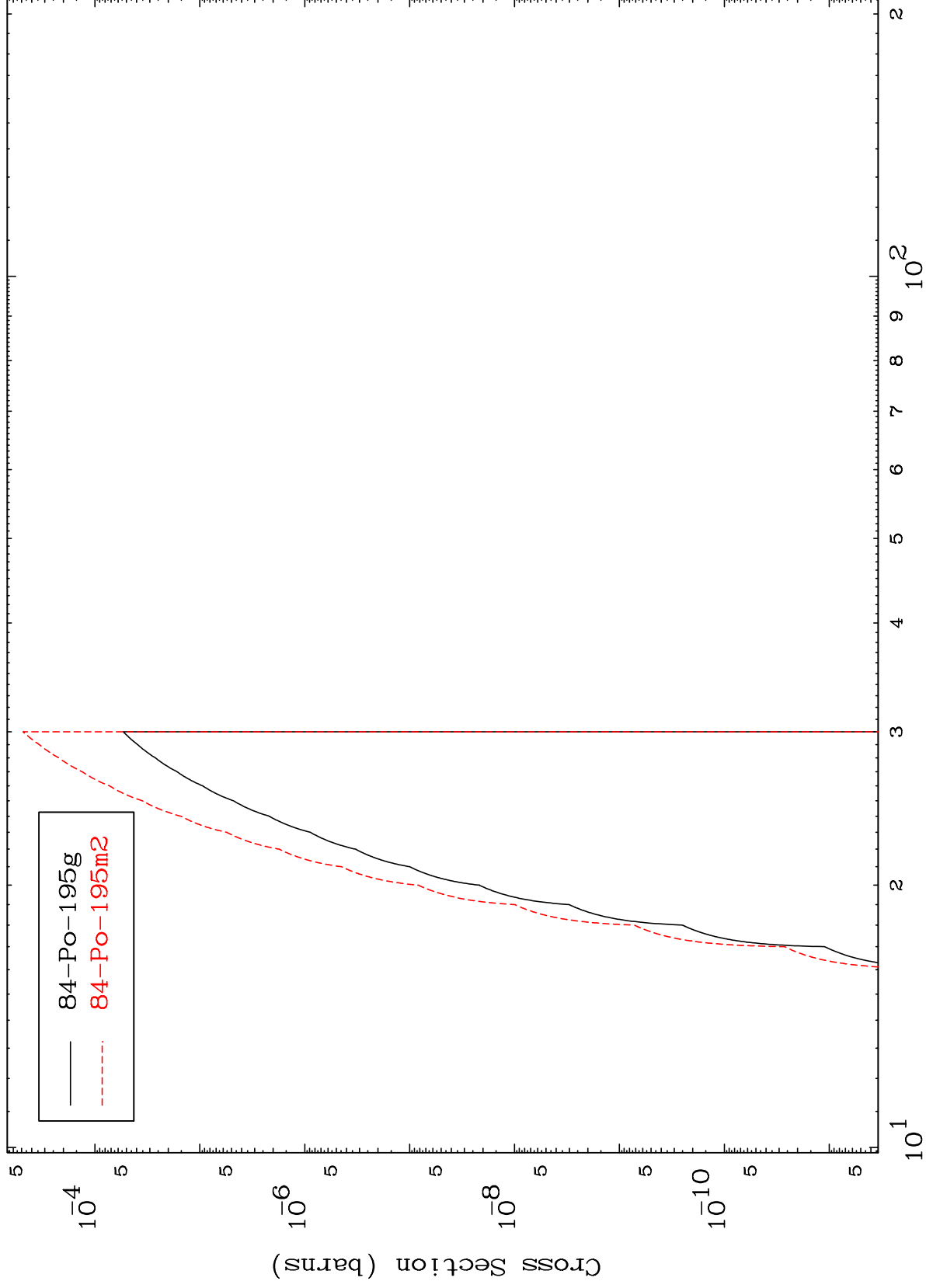
Incident Energy (MeV)

85-At-198m

MAT 8511

85-At-198m

(n,n') t
Radionuclide Production Cross Section



85-At-198m

Incident Energy (MeV)

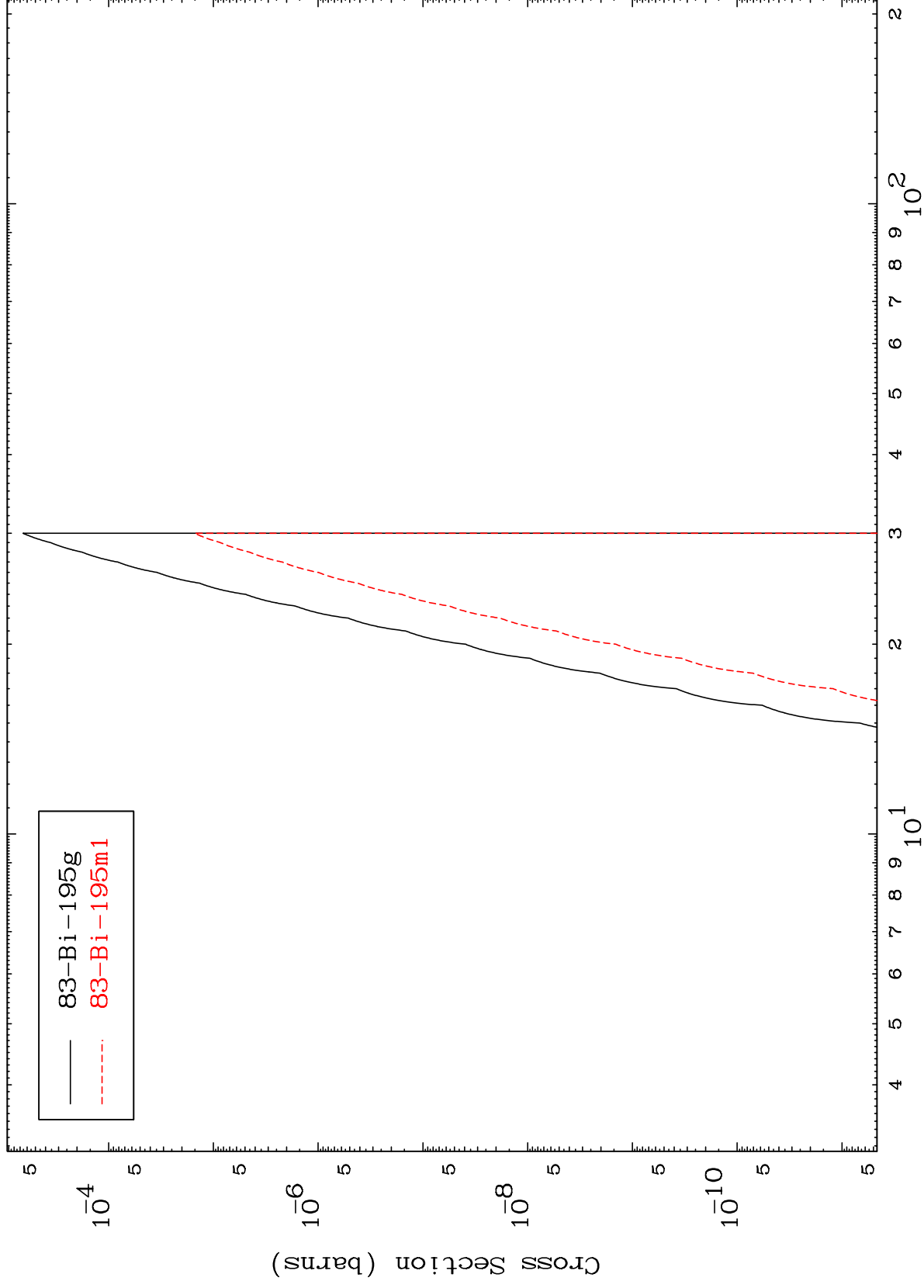
29

MAT 8511

(n,n') He-3

85-At-198m

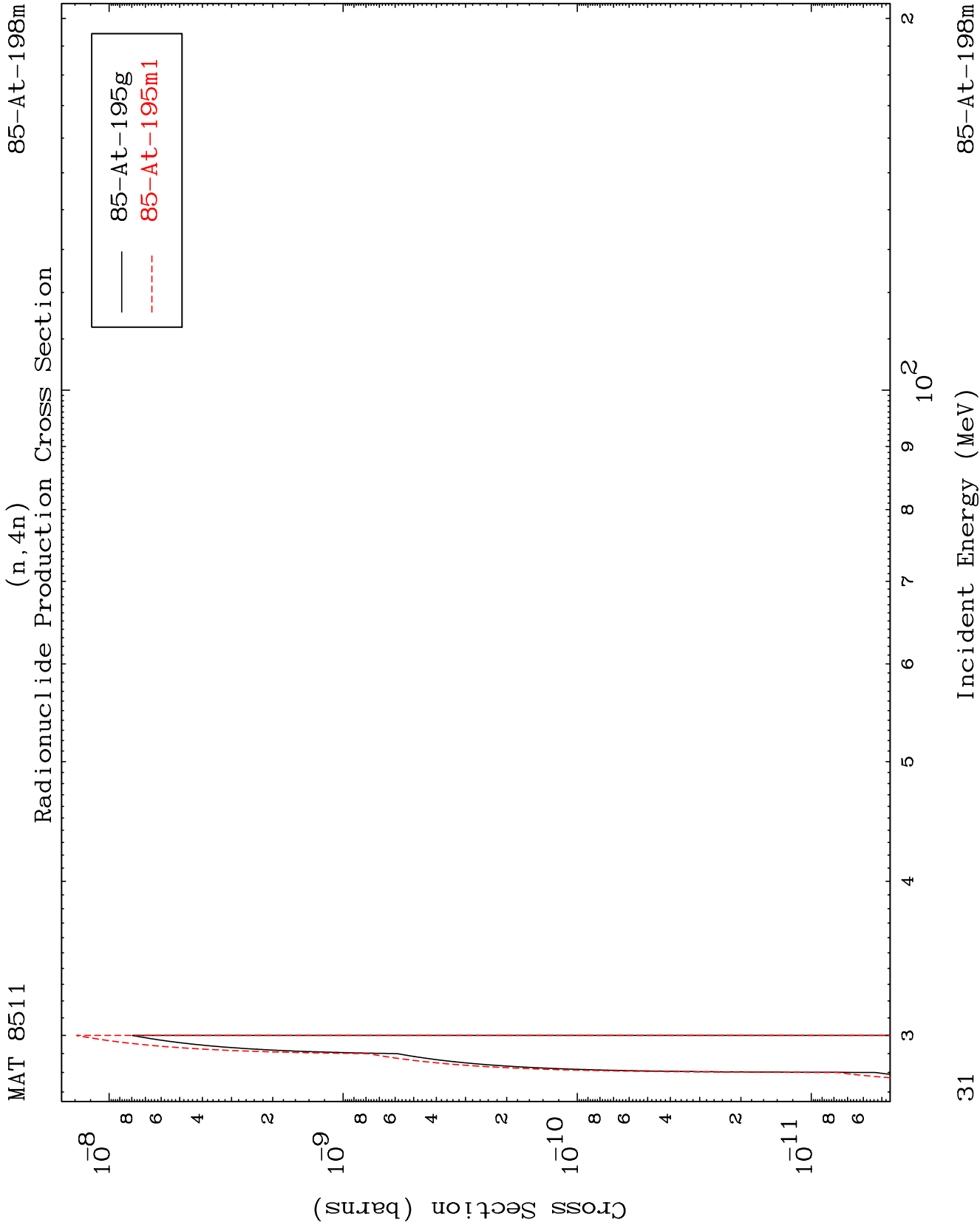
Radionuclide Production Cross Section

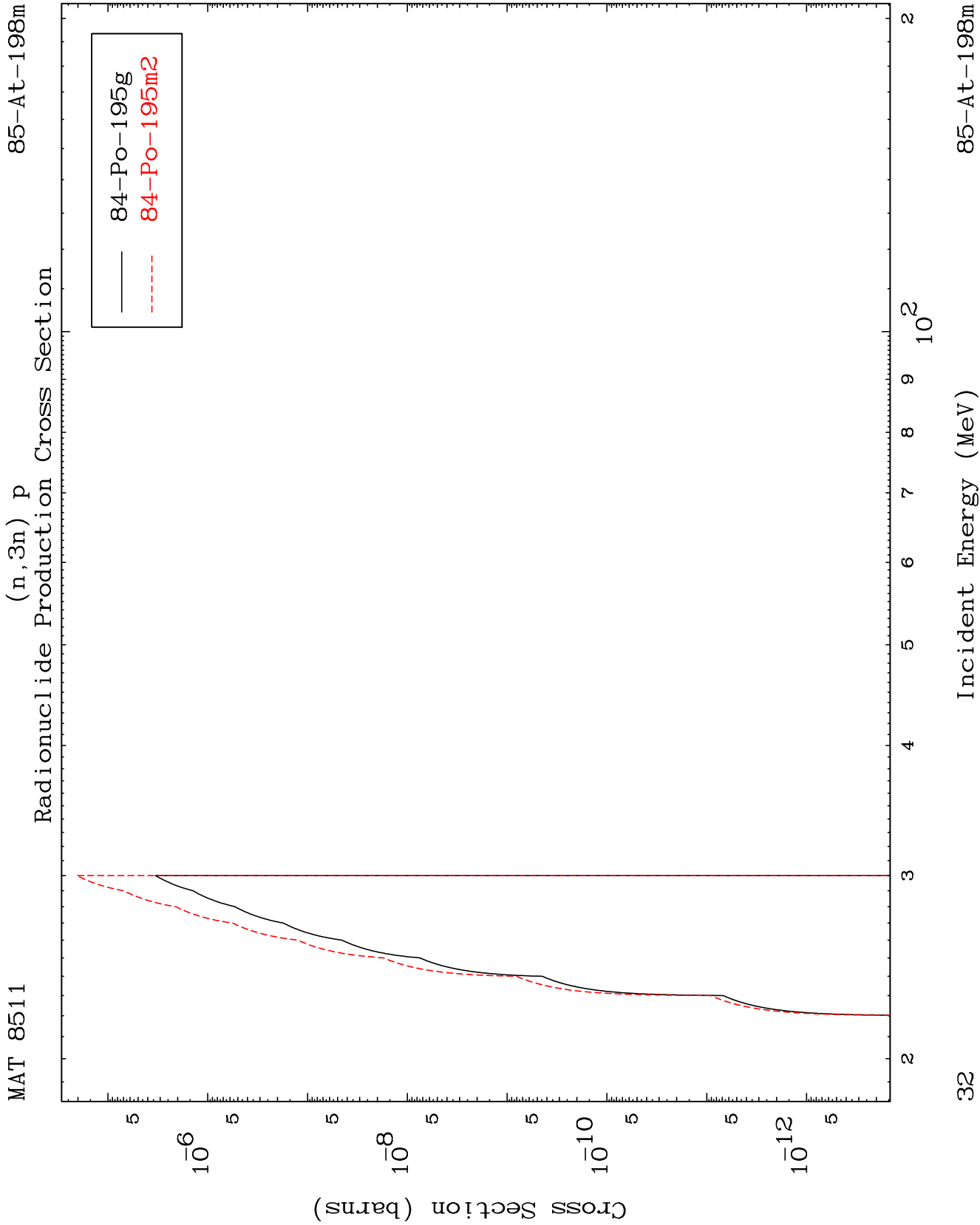


30

Incident Energy (MeV)

85-At-198m

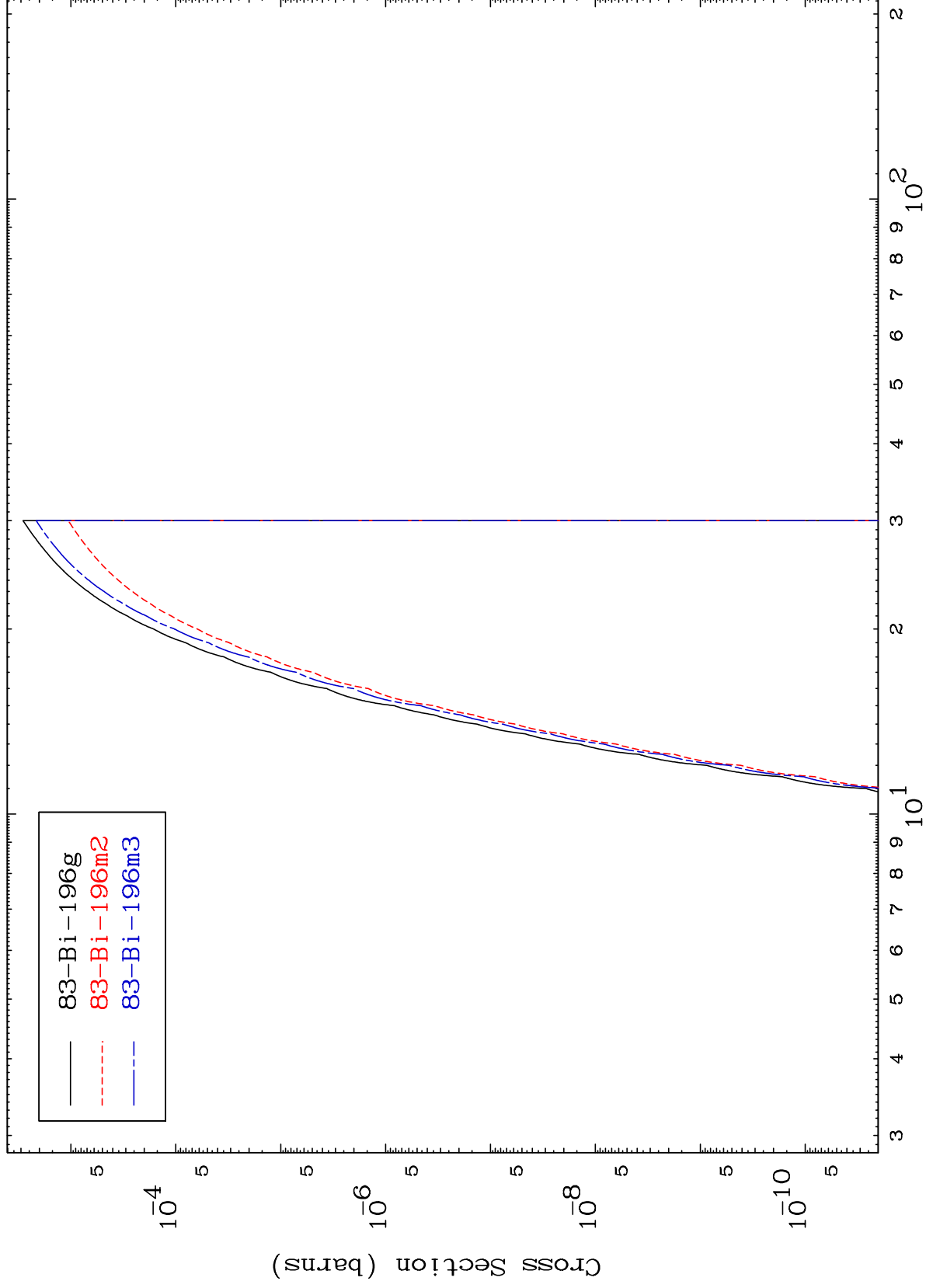




MAT 8511

85-At-198m

(n,2n) p
Radionuclide Production Cross Section



33

Incident Energy (MeV)

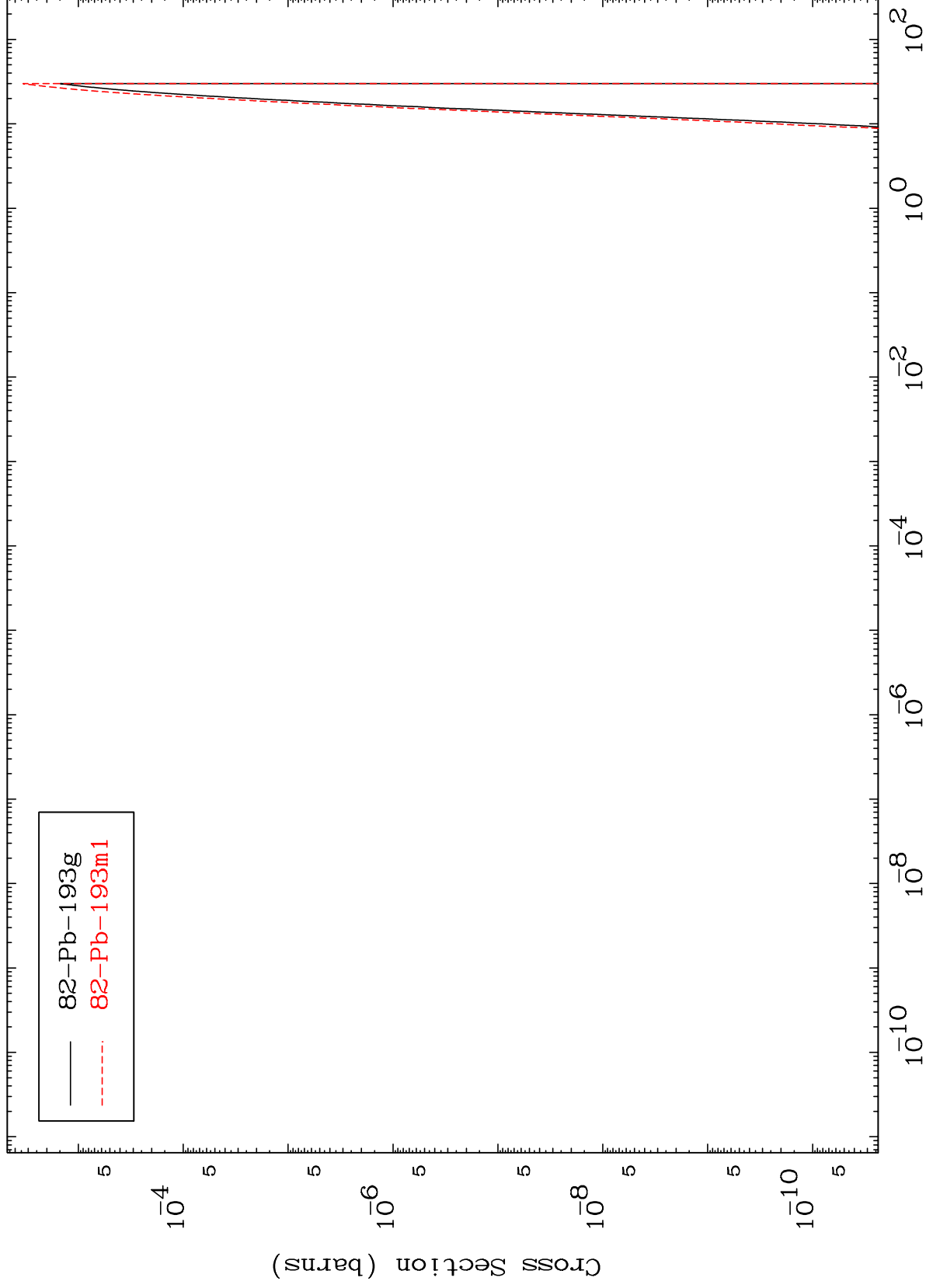
85-At-198m

MAT 8511

(n,n') p α

85-At-198m

Radionuclide Production Cross Section

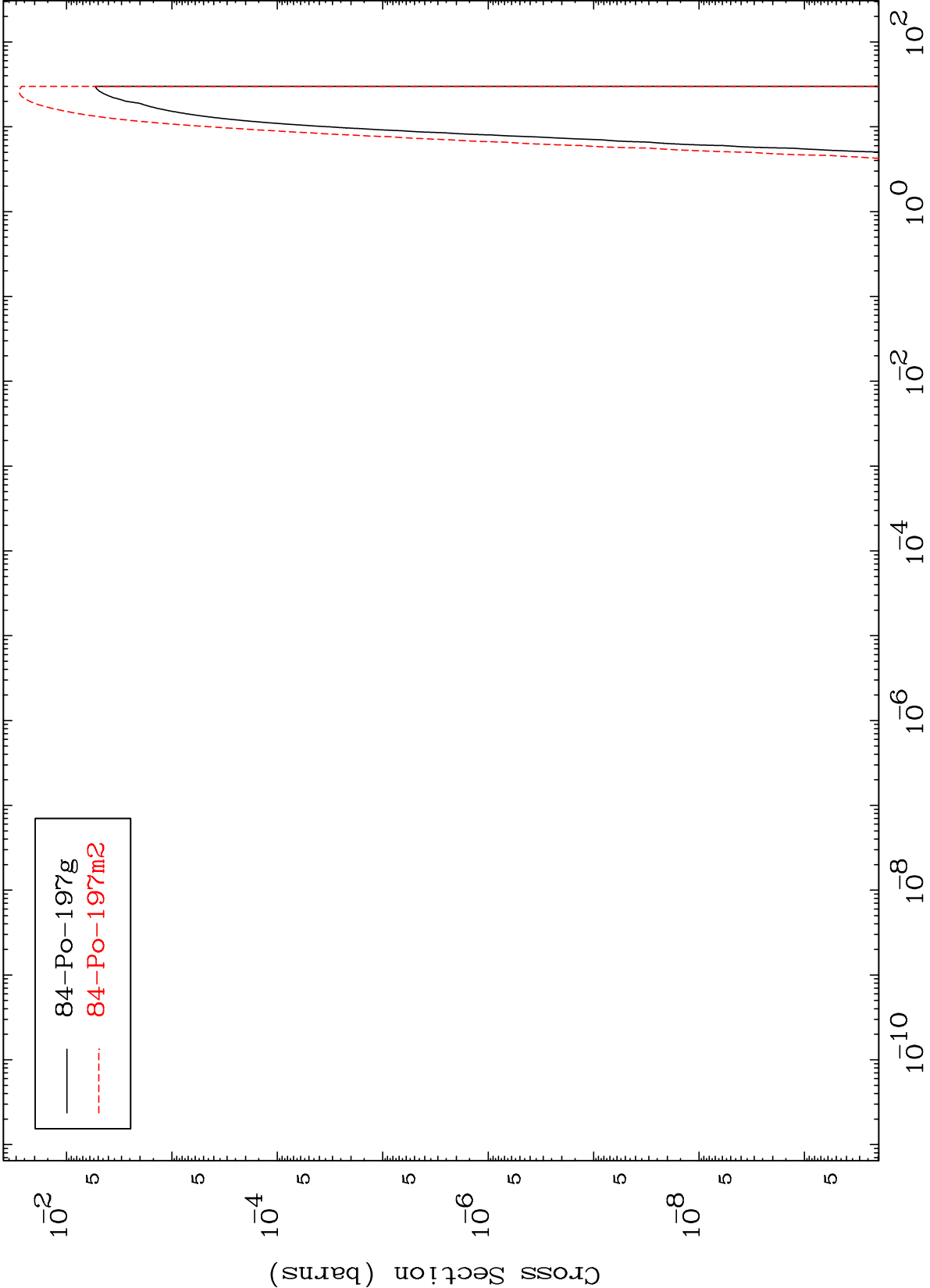


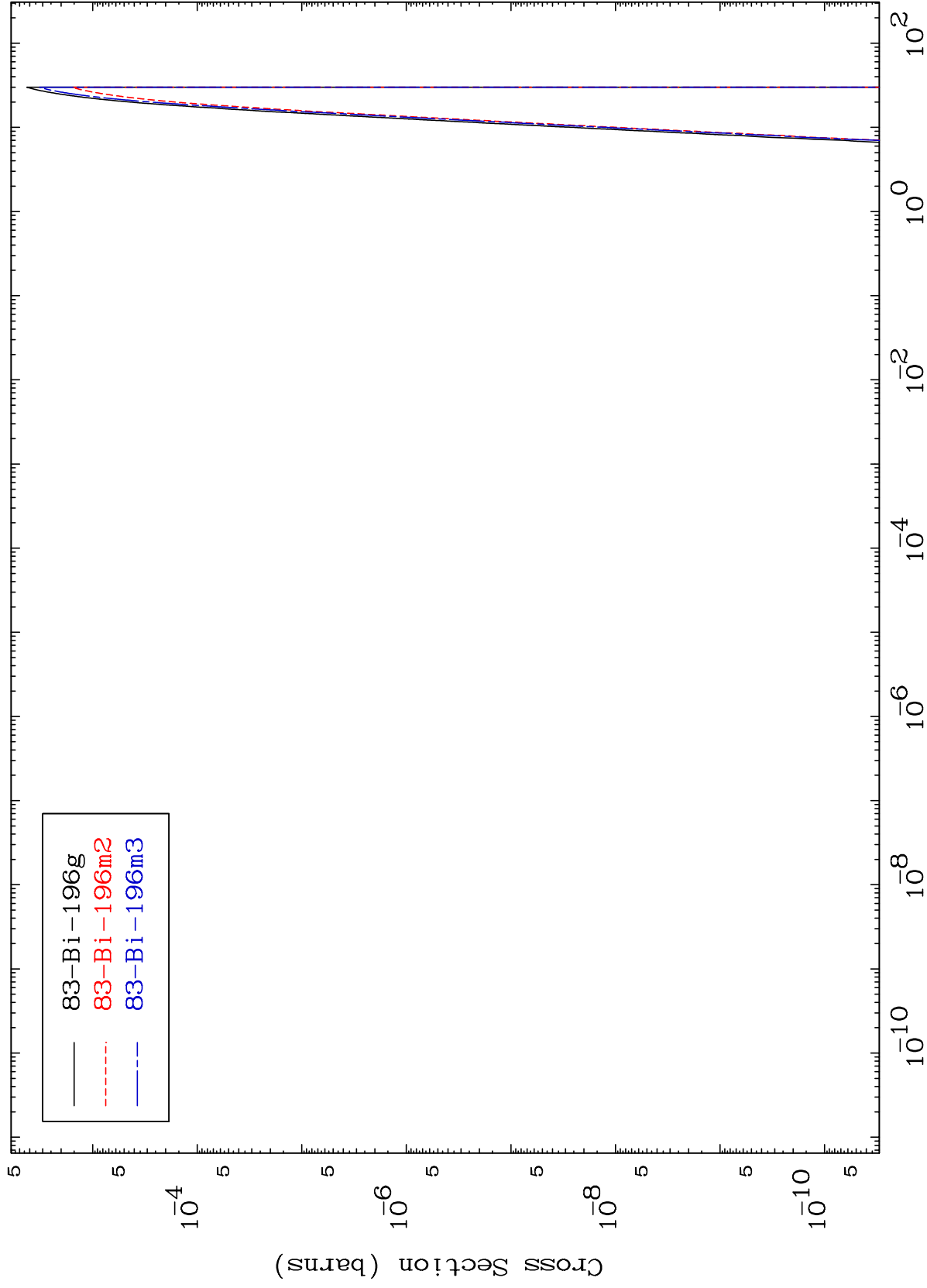
34

Incident Energy (MeV)

85-At-198m

Radionuclide Production Cross Section



(n,He-3)
Radionuclide Production Cross Section

Incident Energy (MeV)

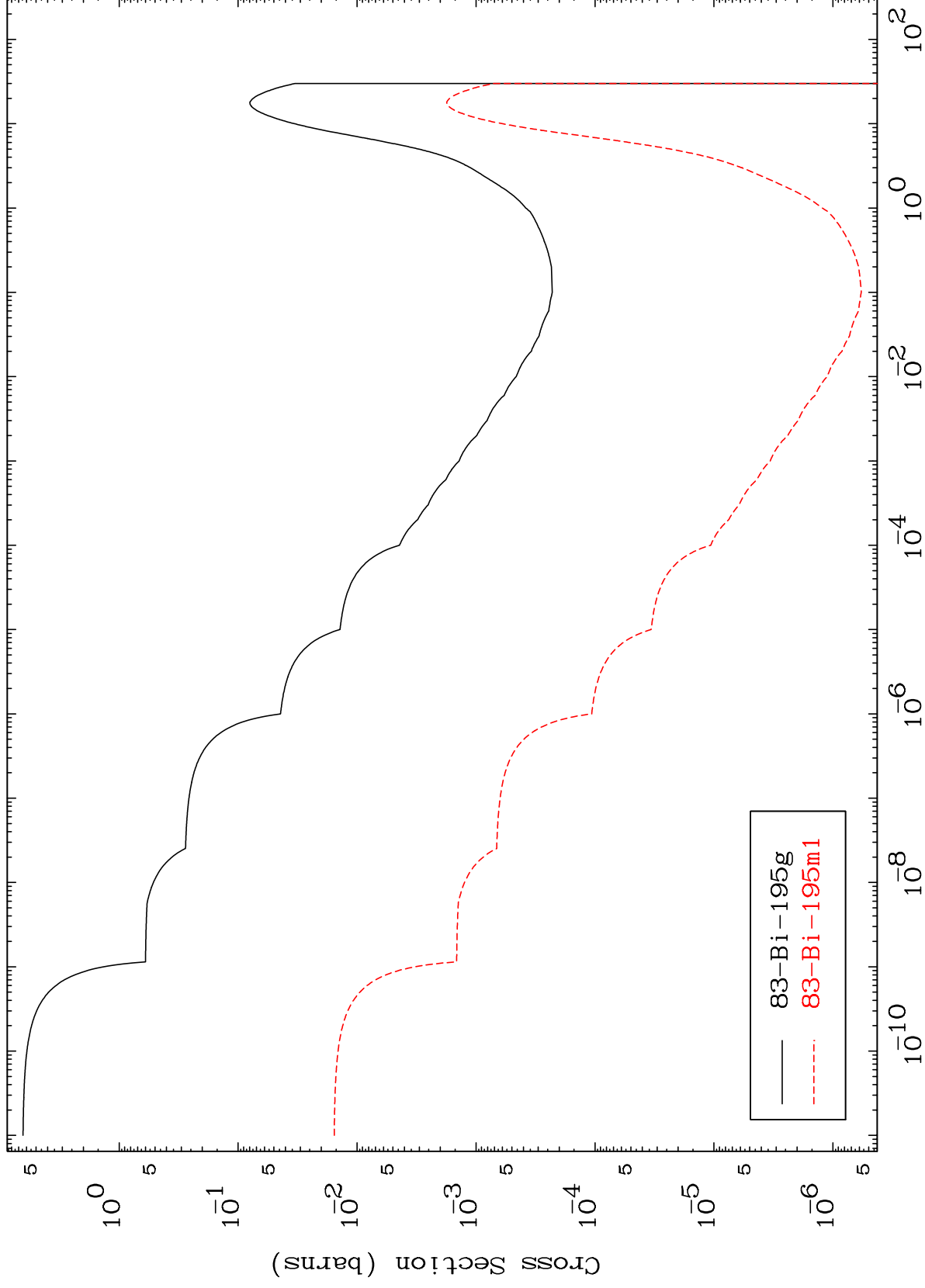
85-At-198m

MAT 8511

85-At-198m

Radionuclide Production Cross Section

(n, α)



37

Incident Energy (MeV)

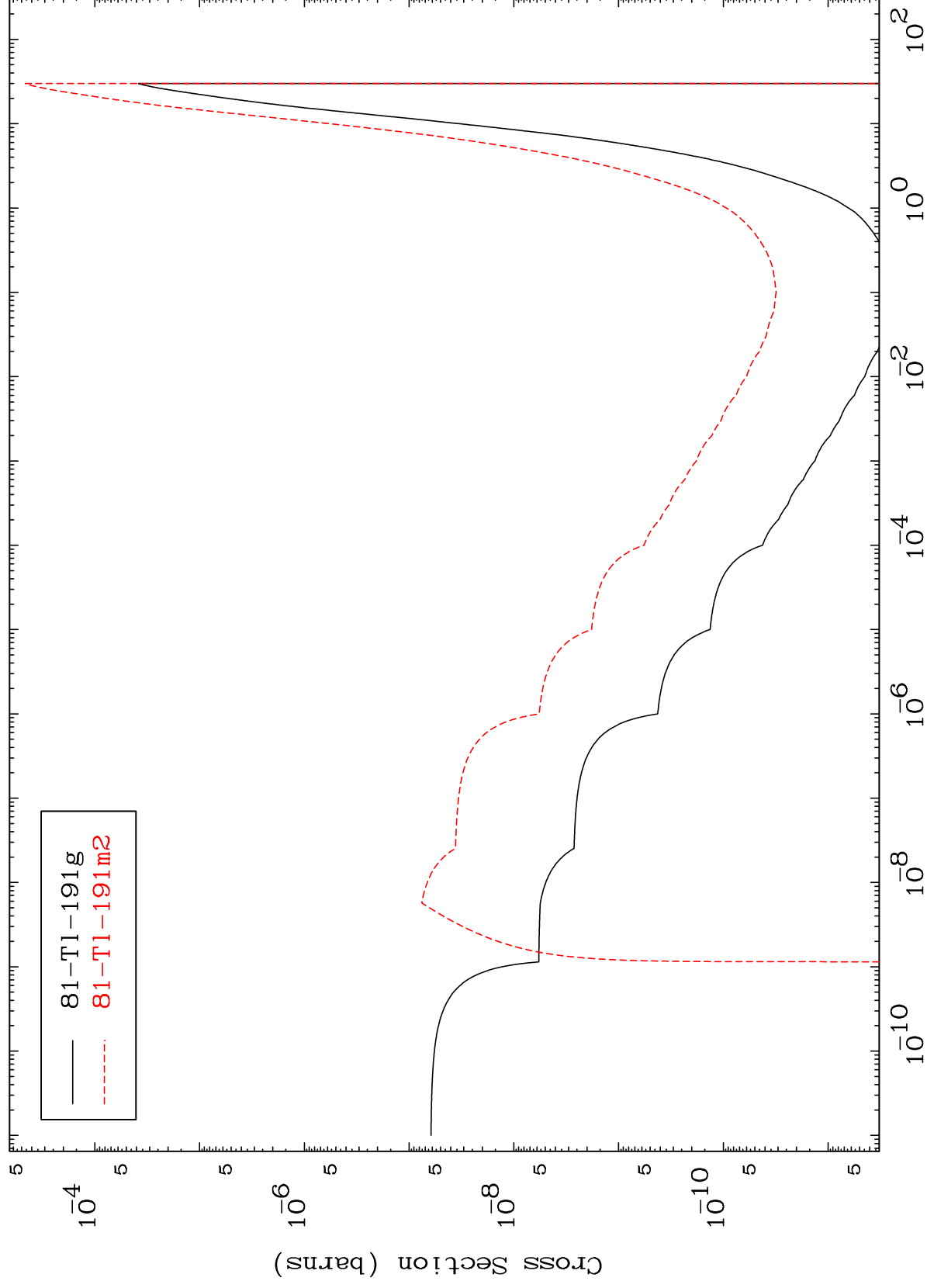
85-At-198m

MAT 8511

(n,2α)

85-At-198m

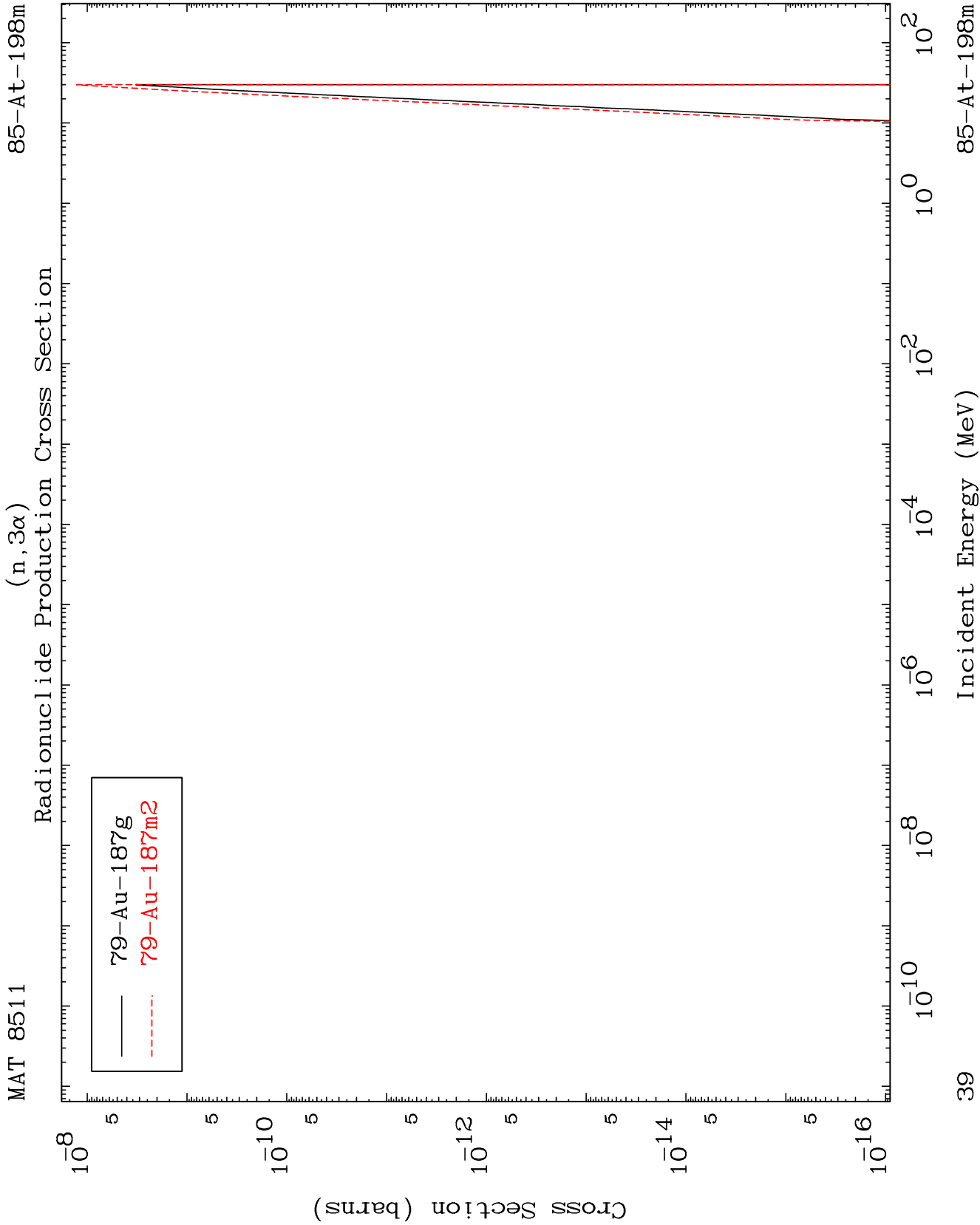
Radionuclide Production Cross Section

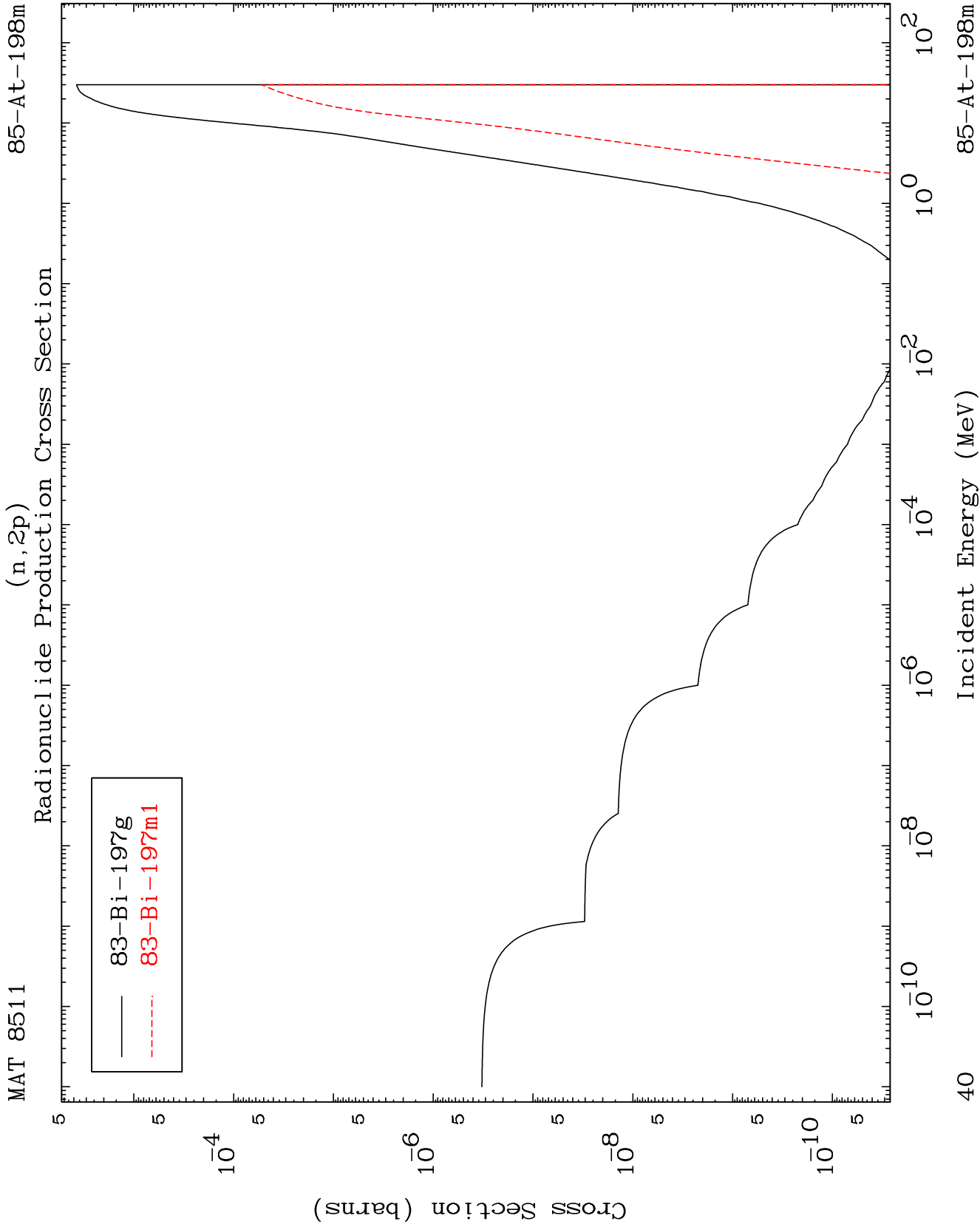


38

Incident Energy (MeV)

85-At-198m



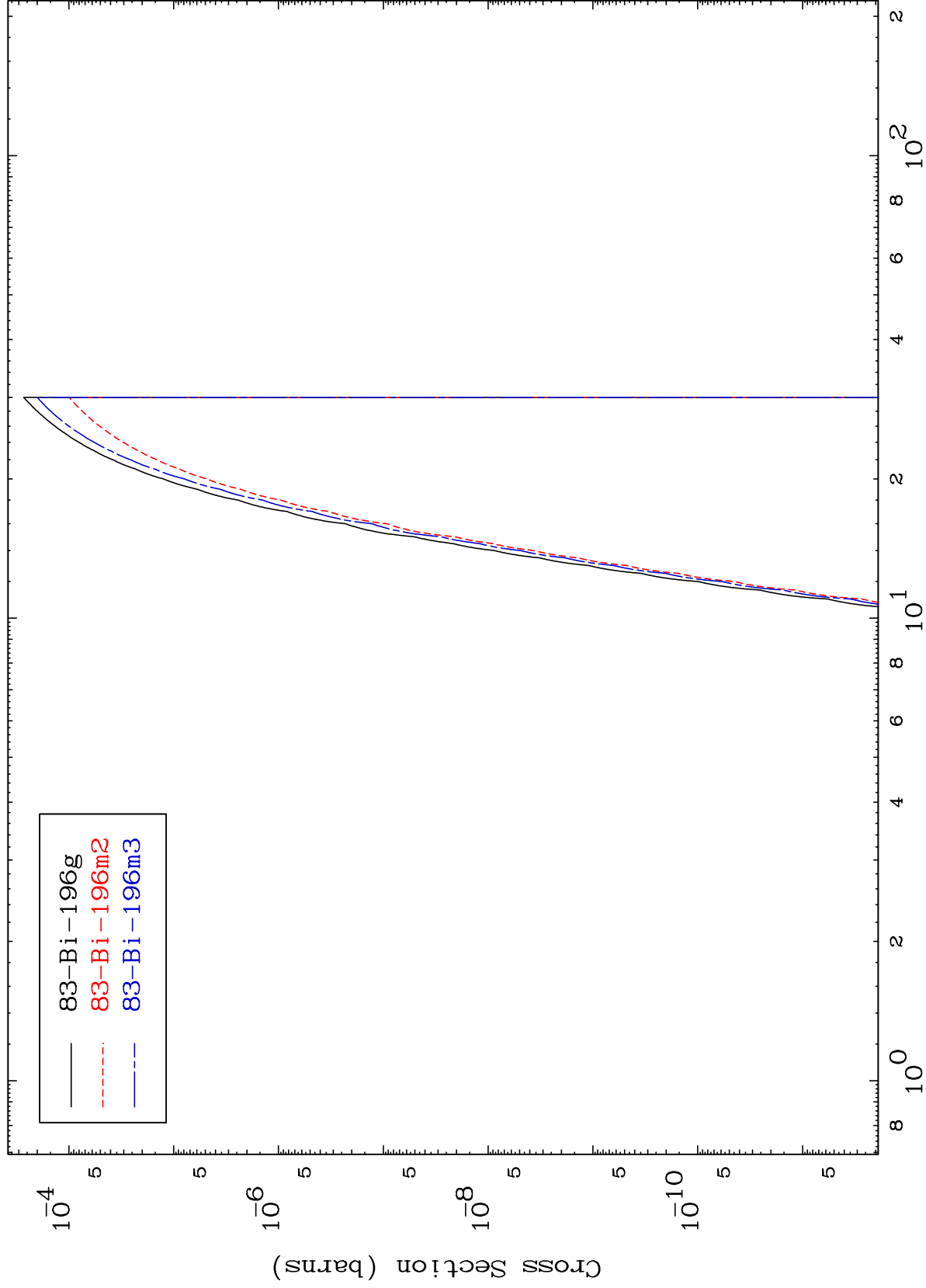


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(n,p) d

85-At-198m

Radionuclide Production Cross Section



41

Incident Energy (MeV)

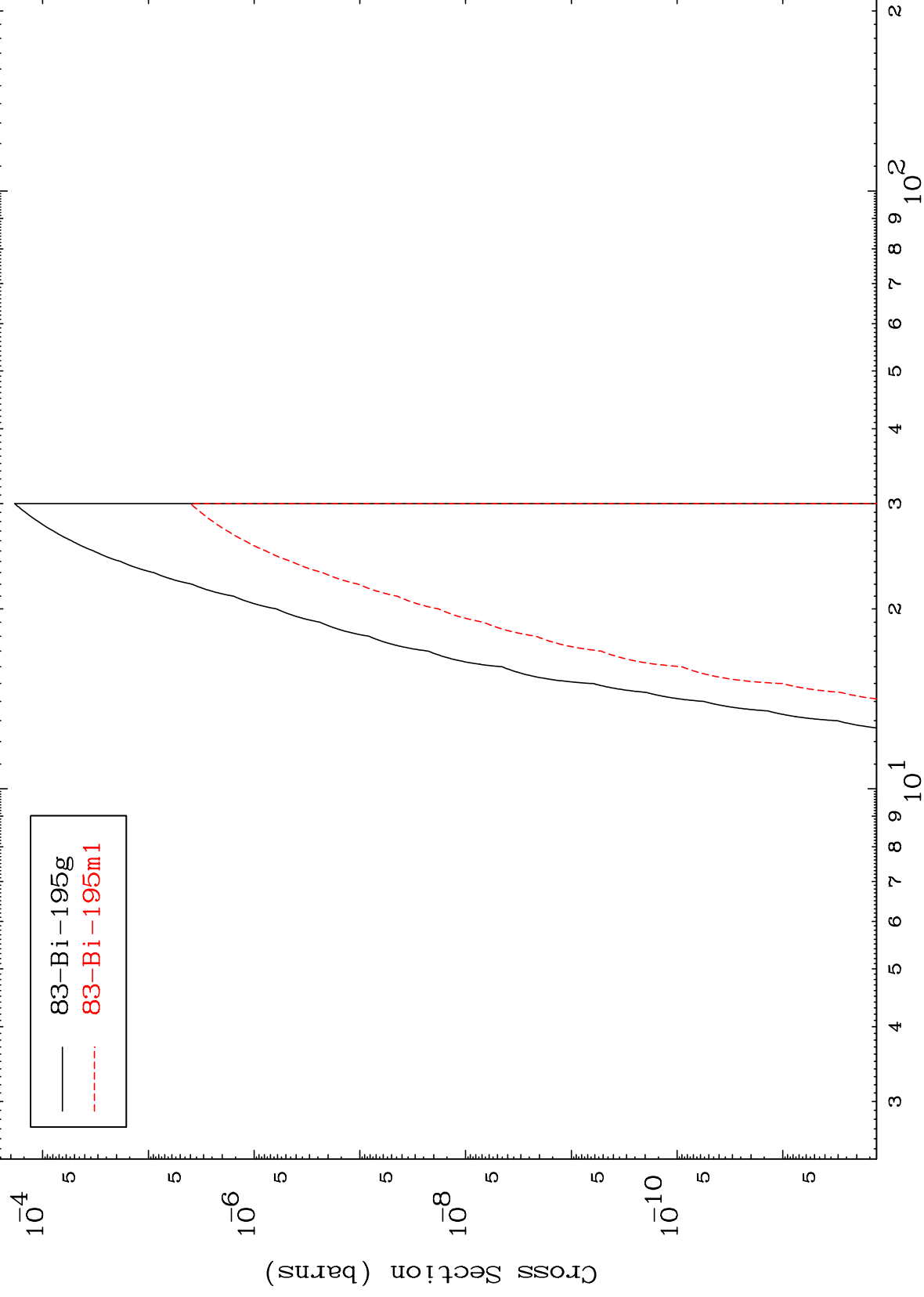
85-At-198m

MAT 8511

(n,p) t

85-At-198m

Radionuclide Production Cross Section



42

Incident Energy (MeV)

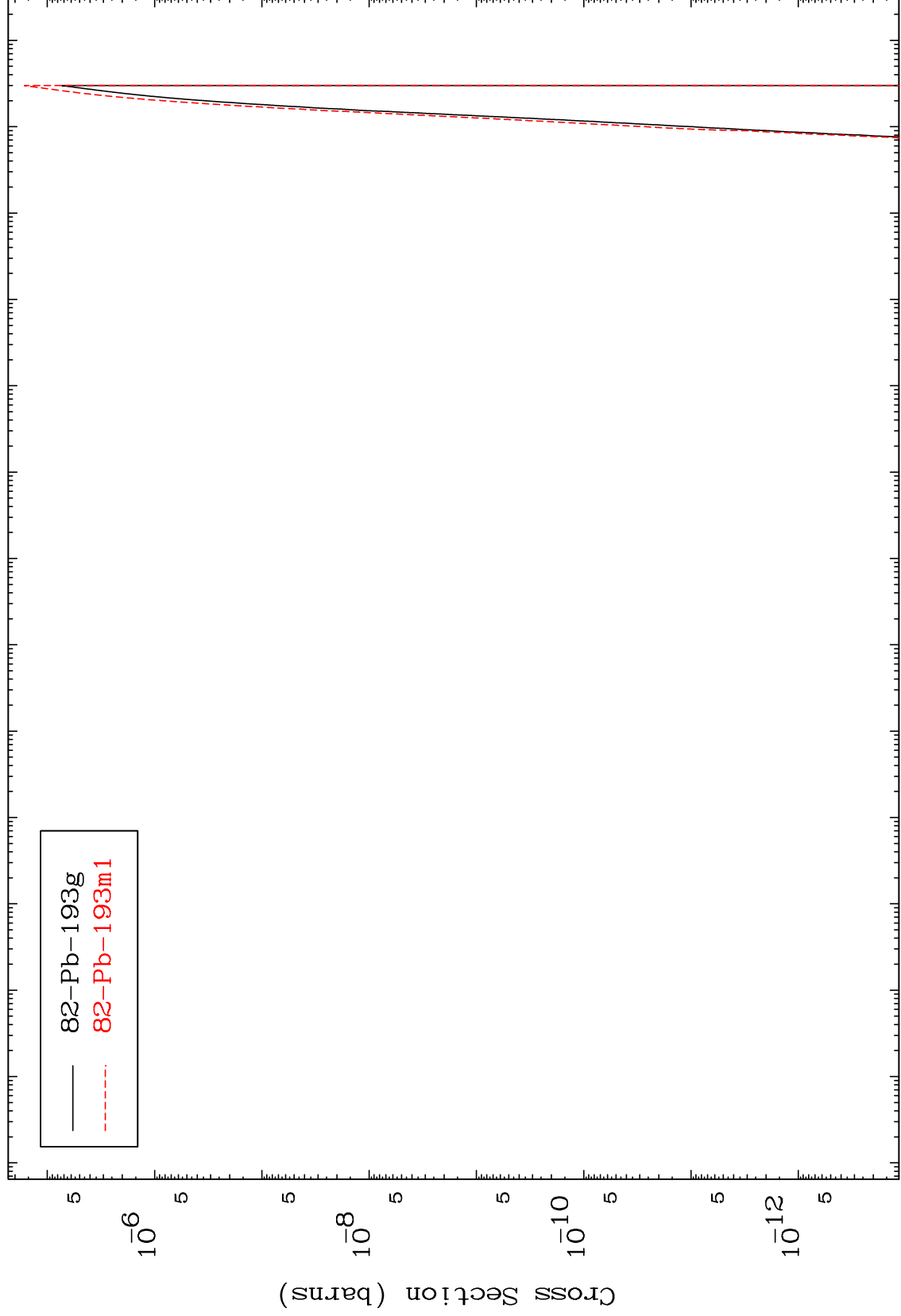
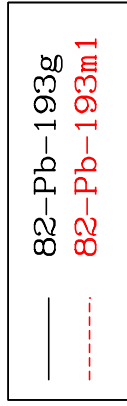
85-At-198m

MAT 8511

(n,d) α

85-At-198m

Radionuclide Production Cross Section



43

Incident Energy (MeV)

85-At-198m