

Program EVALPLOT  
(Version 2018-1)

by

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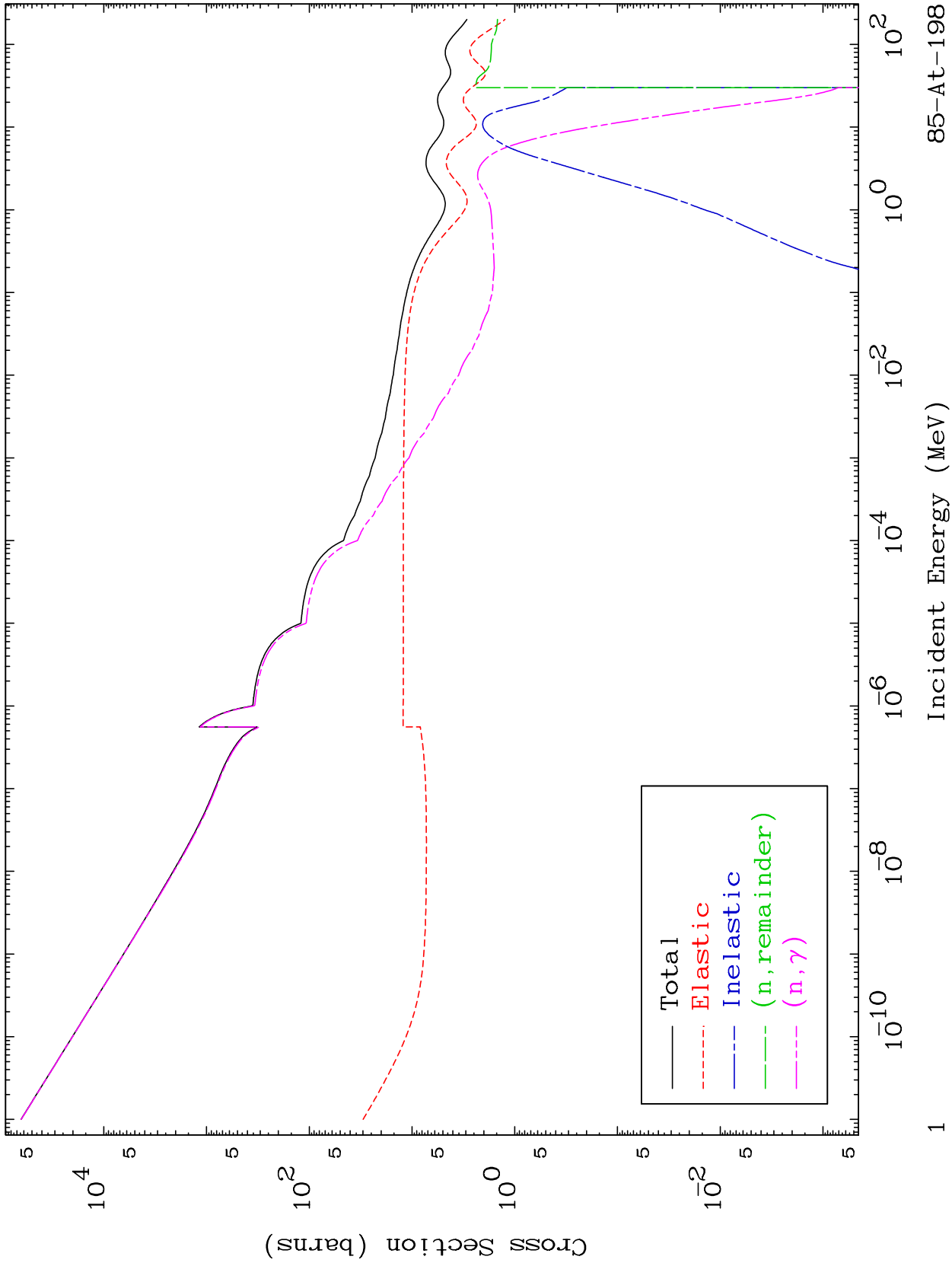
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8511

Major  
293 Kelvin Cross Sections

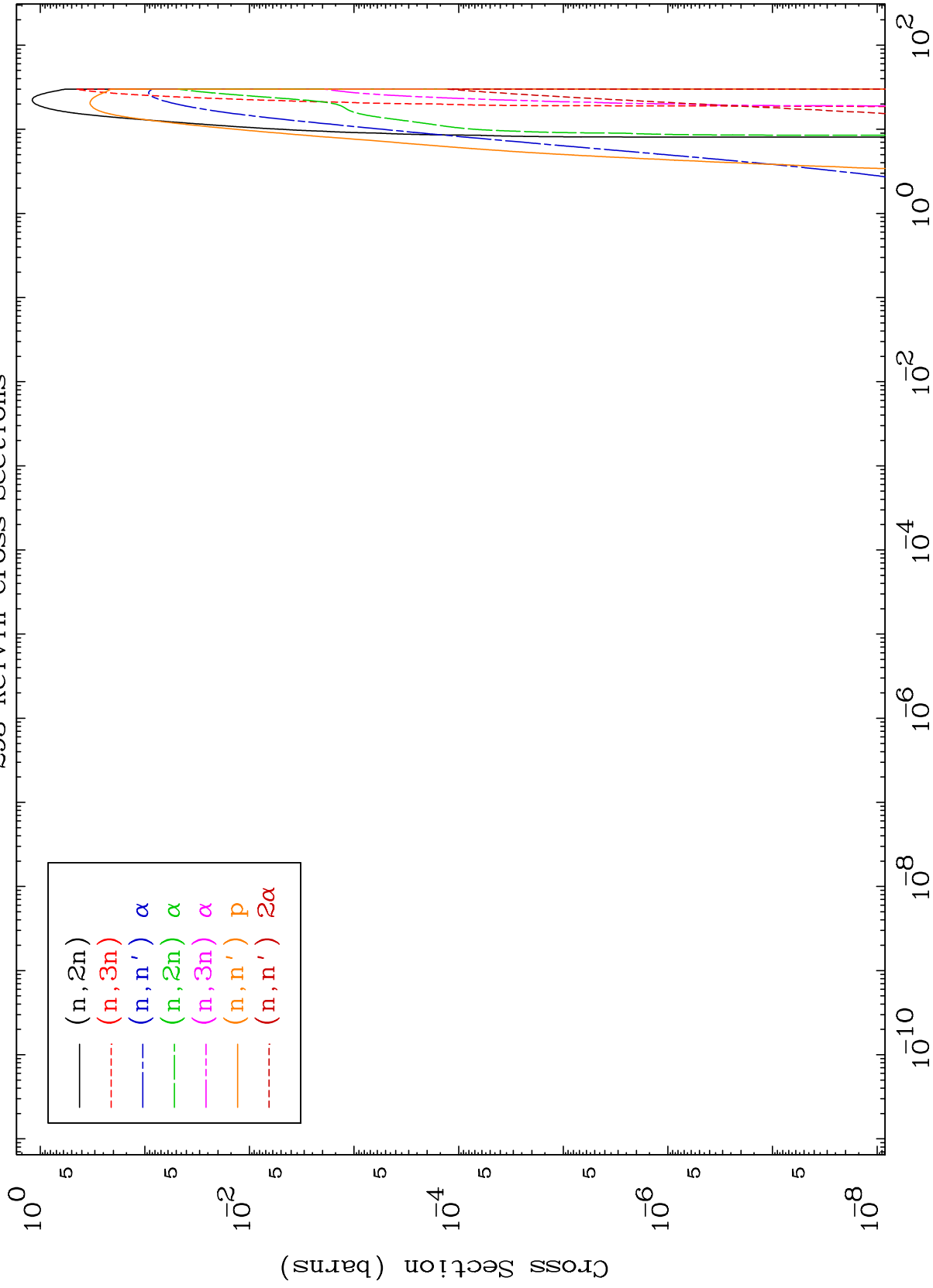
85-At-198



MAT 8511

Neutron Production  
293 Kelvin Cross Sections

85-At-198



2

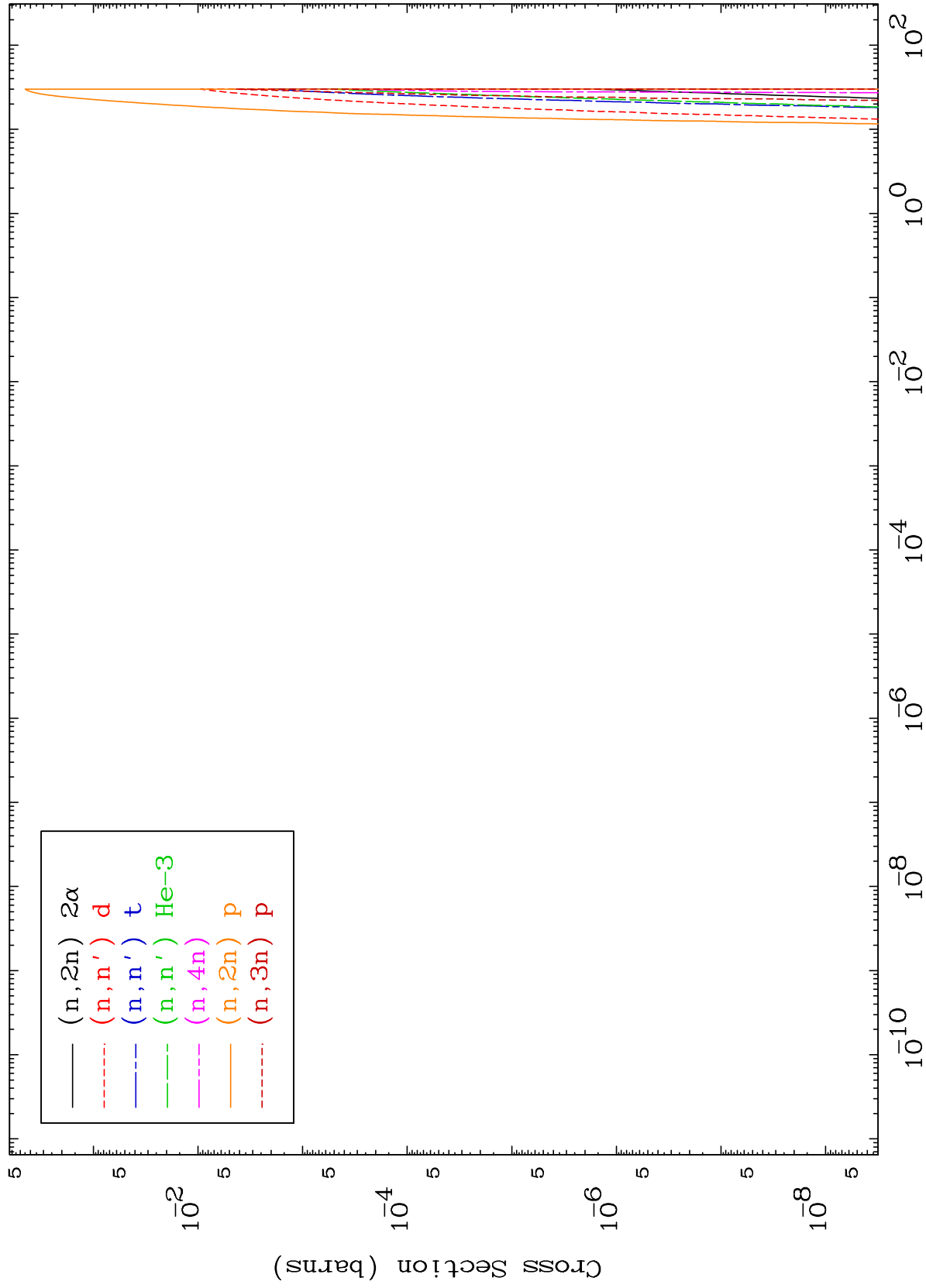
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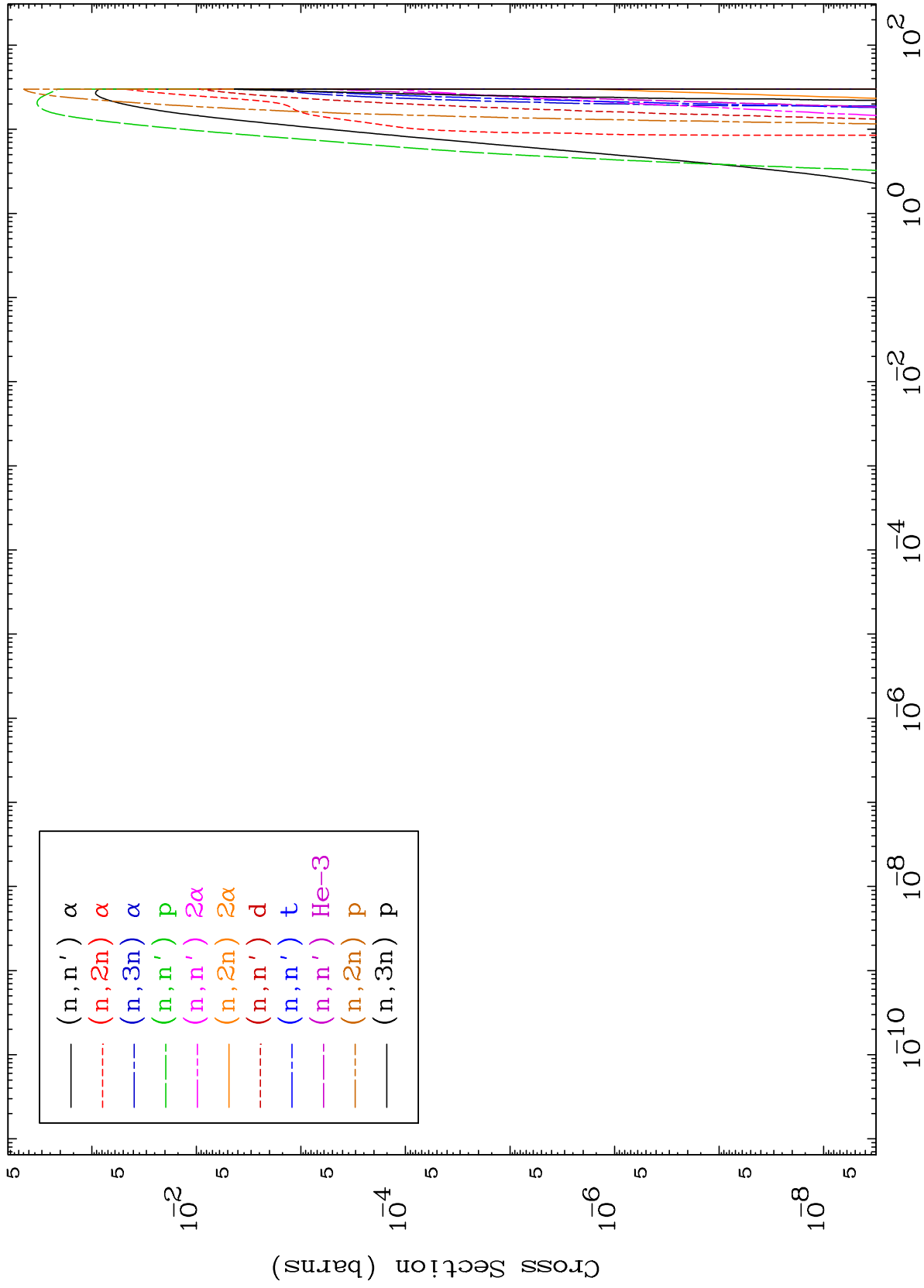
85-At-198

MAT 8511

Neutron Production  
293 Kelvin Cross Sections

85-At-198

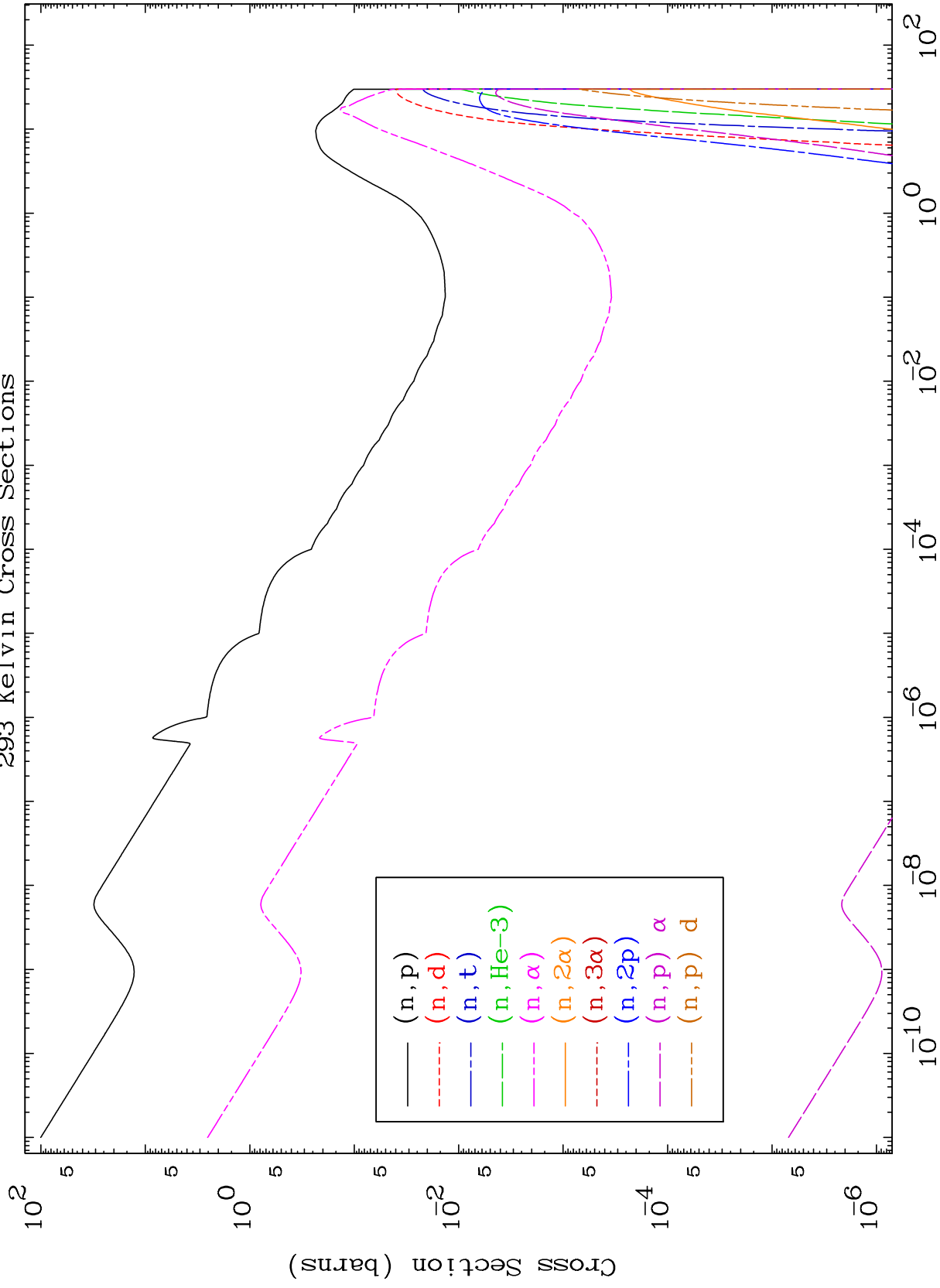




MAT 8511

Charged Particle  
293 Kelvin Cross Sections

85-At-198

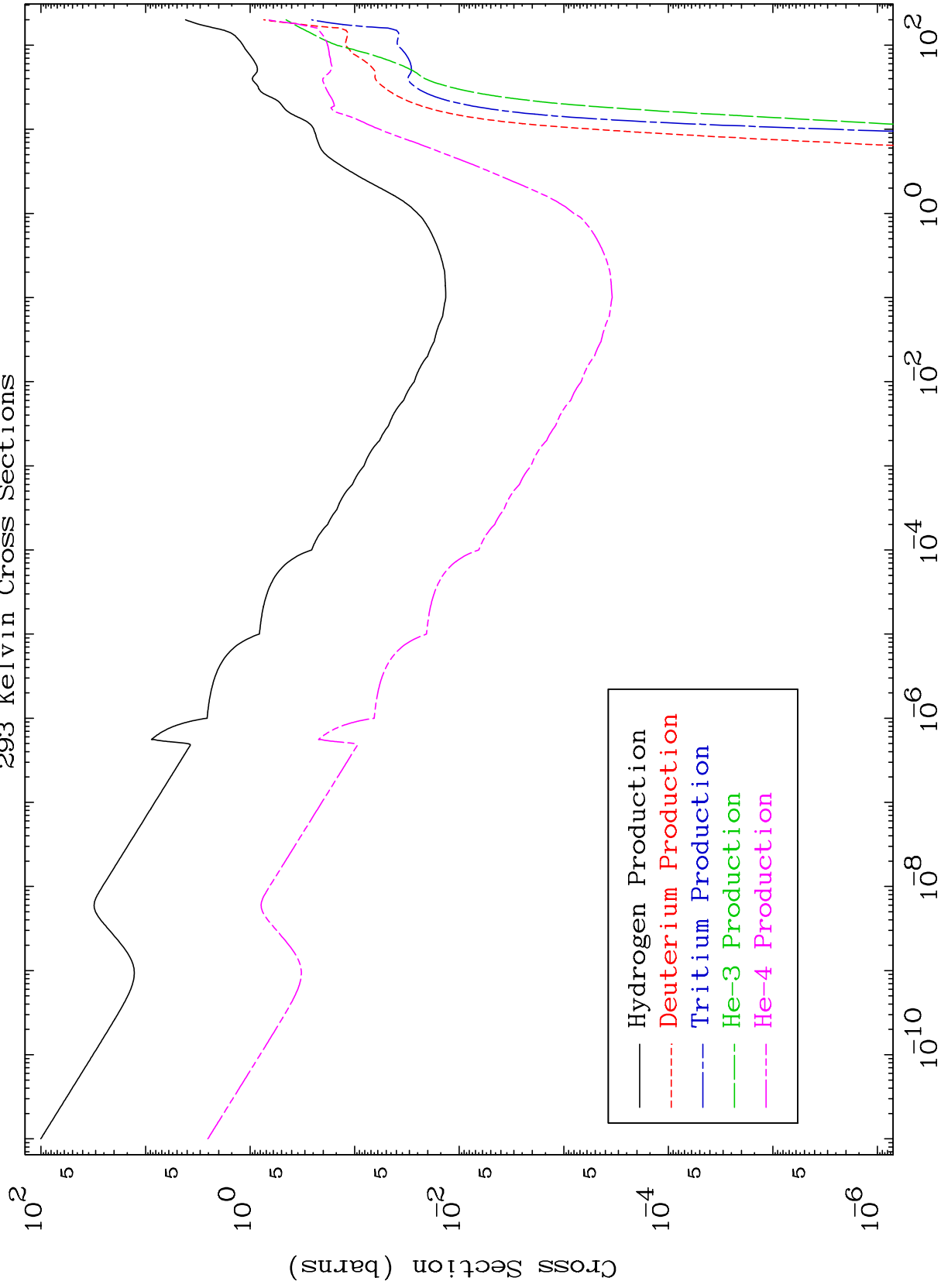


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MAT 8511

Particle Production  
293 Kelvin Cross Sections

85-At-198



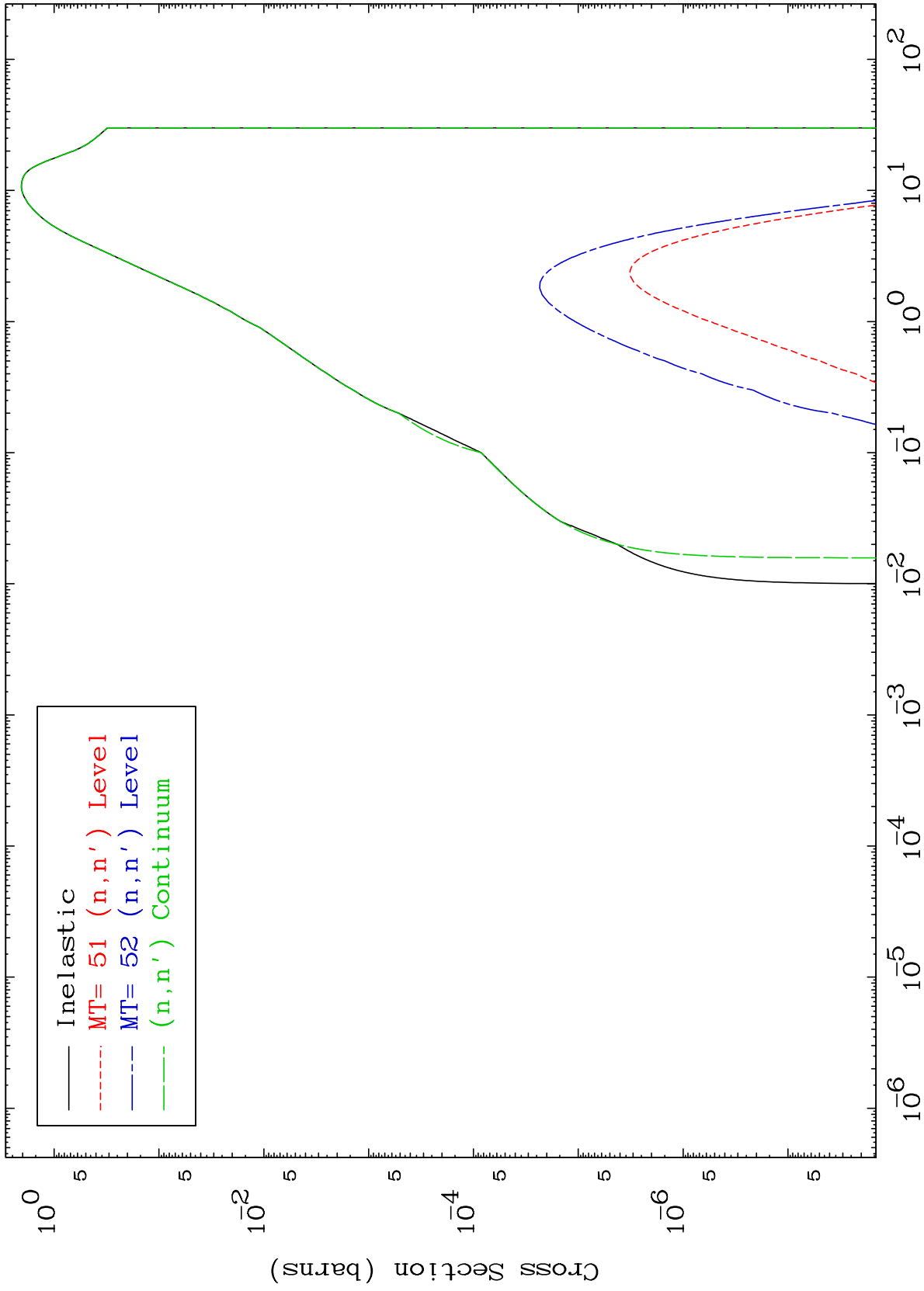
6

85-At-198

MAT 8511

(n,n') Level  
293 Kelvin Cross Sections

85-At-198



7

Incident Energy (MeV)

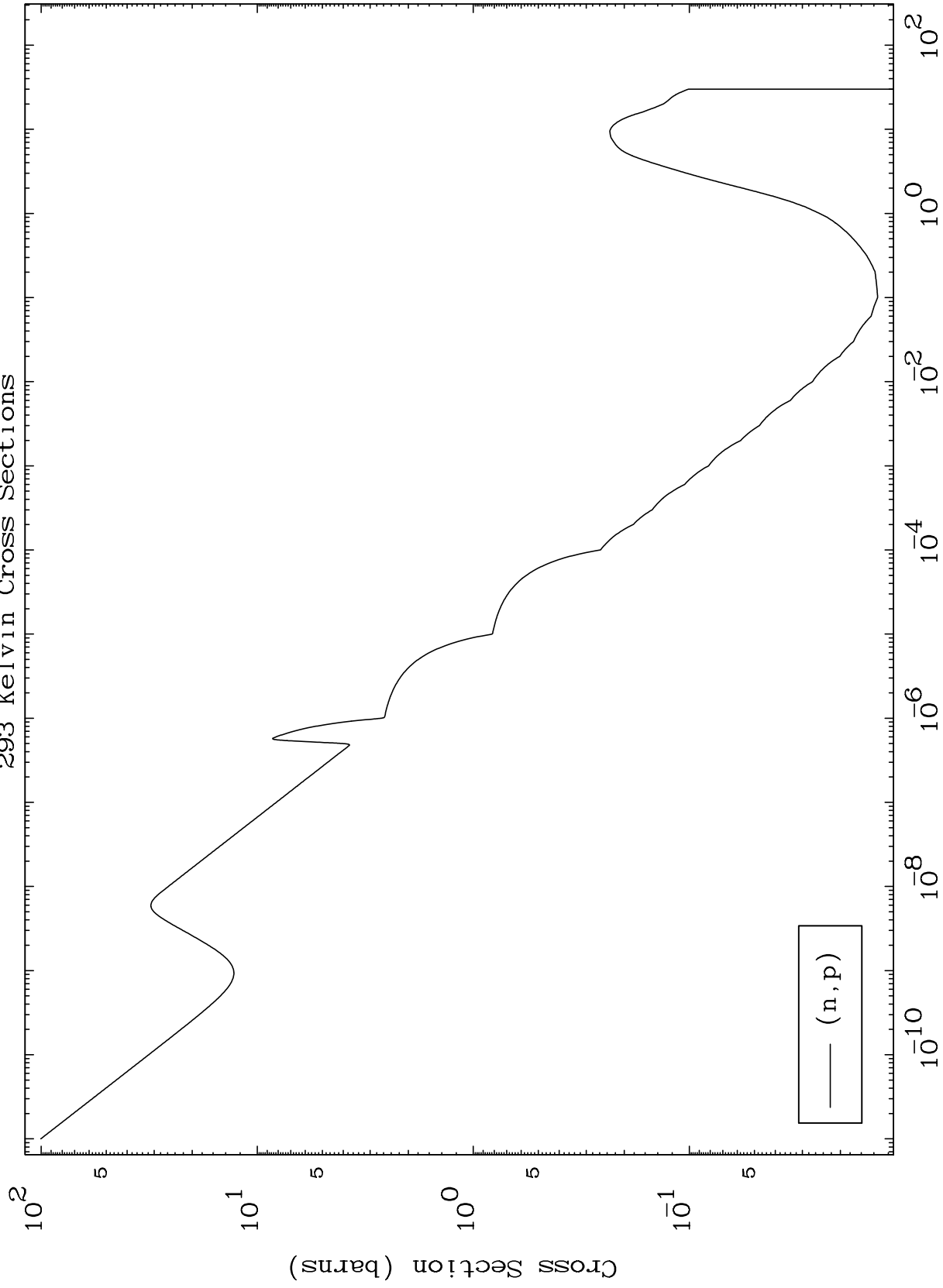
85-At-198



MAT 8511

(n,p) Levels  
293 Kelvin Cross Sections

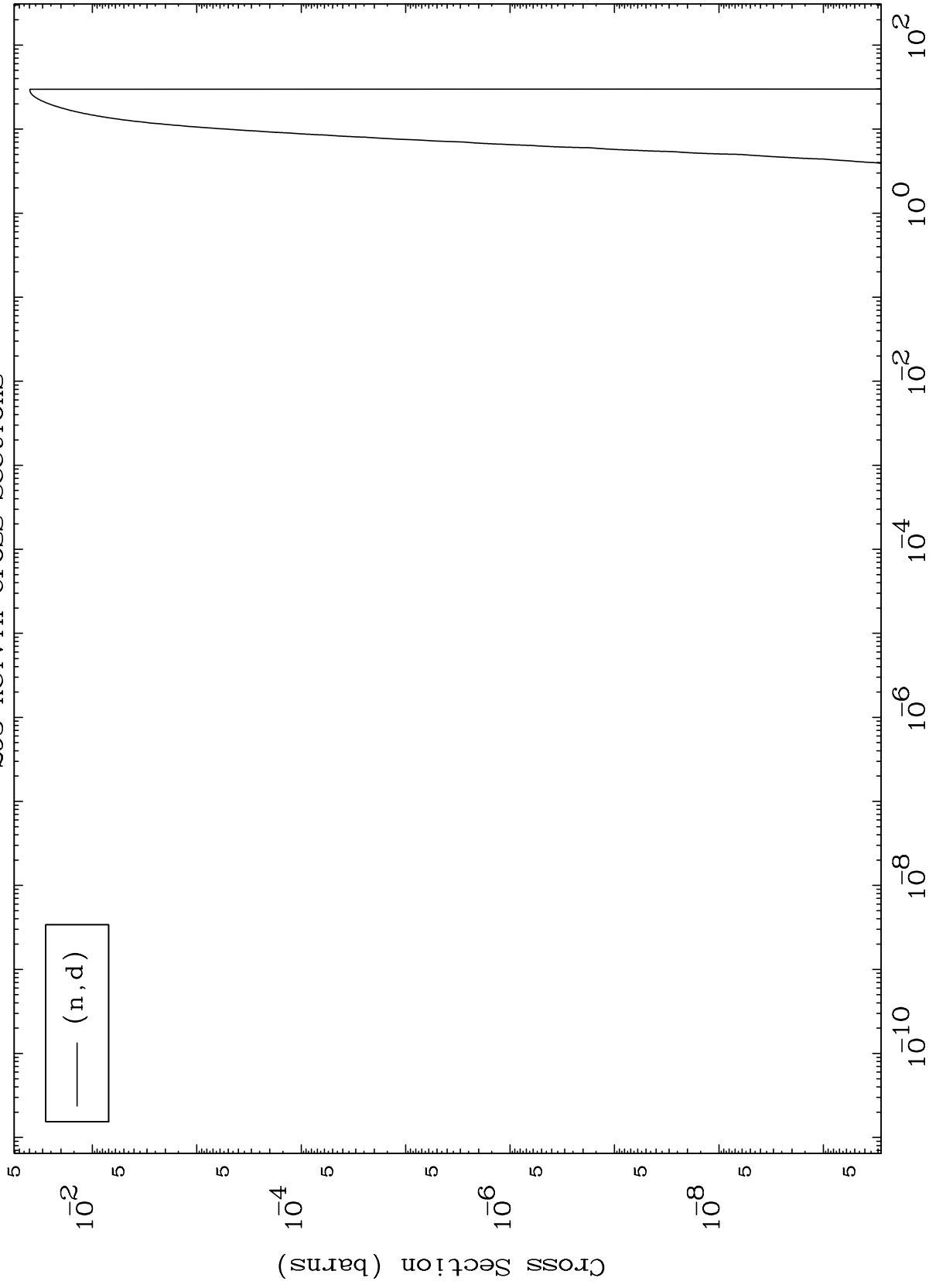
85-At-198



MAT 8511

(n,d) Levels  
293 Kelvin Cross Sections

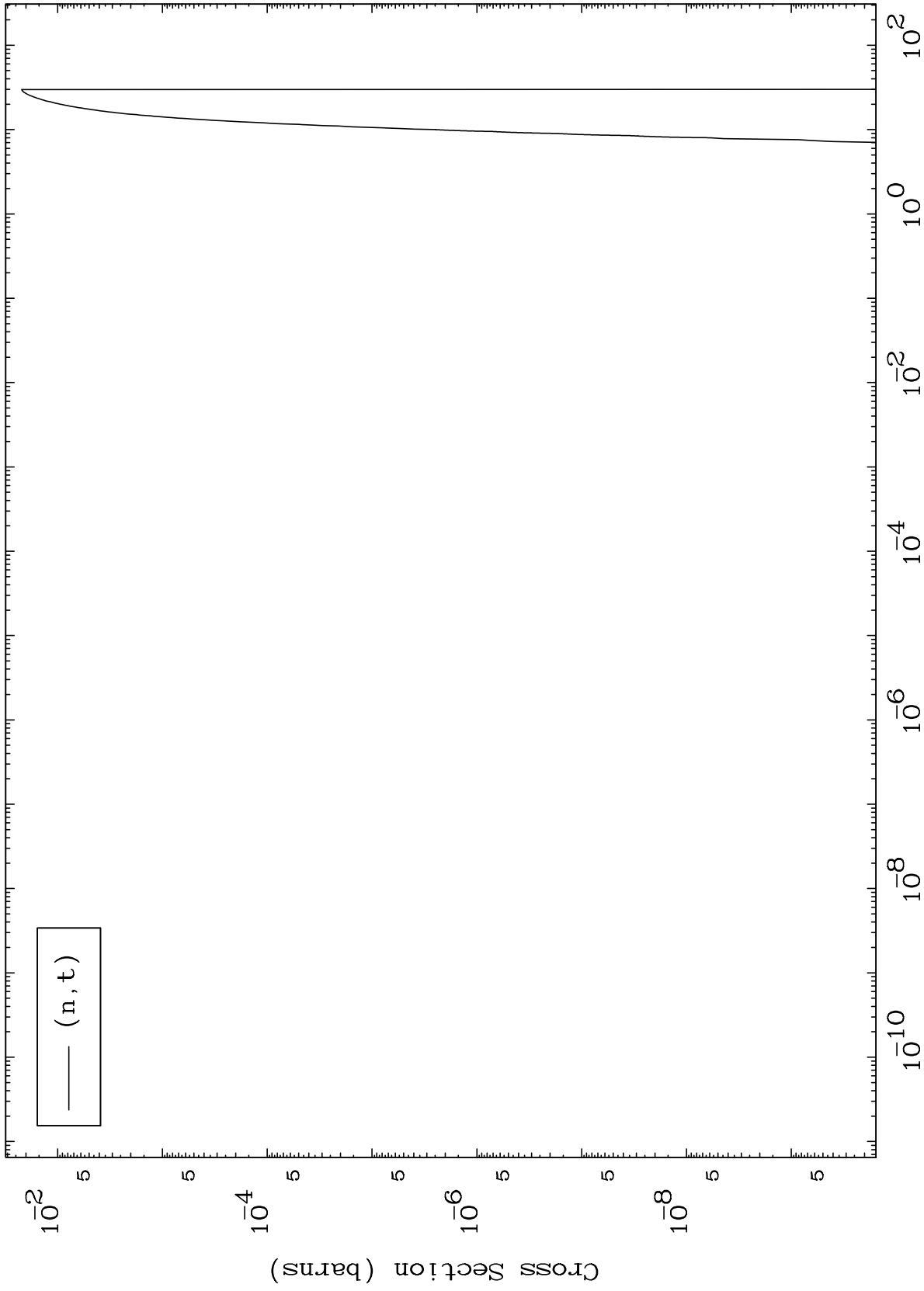
85-At-198



MAT 8511

(n,t) Levels  
293 Kelvin Cross Sections

85-At-198



10

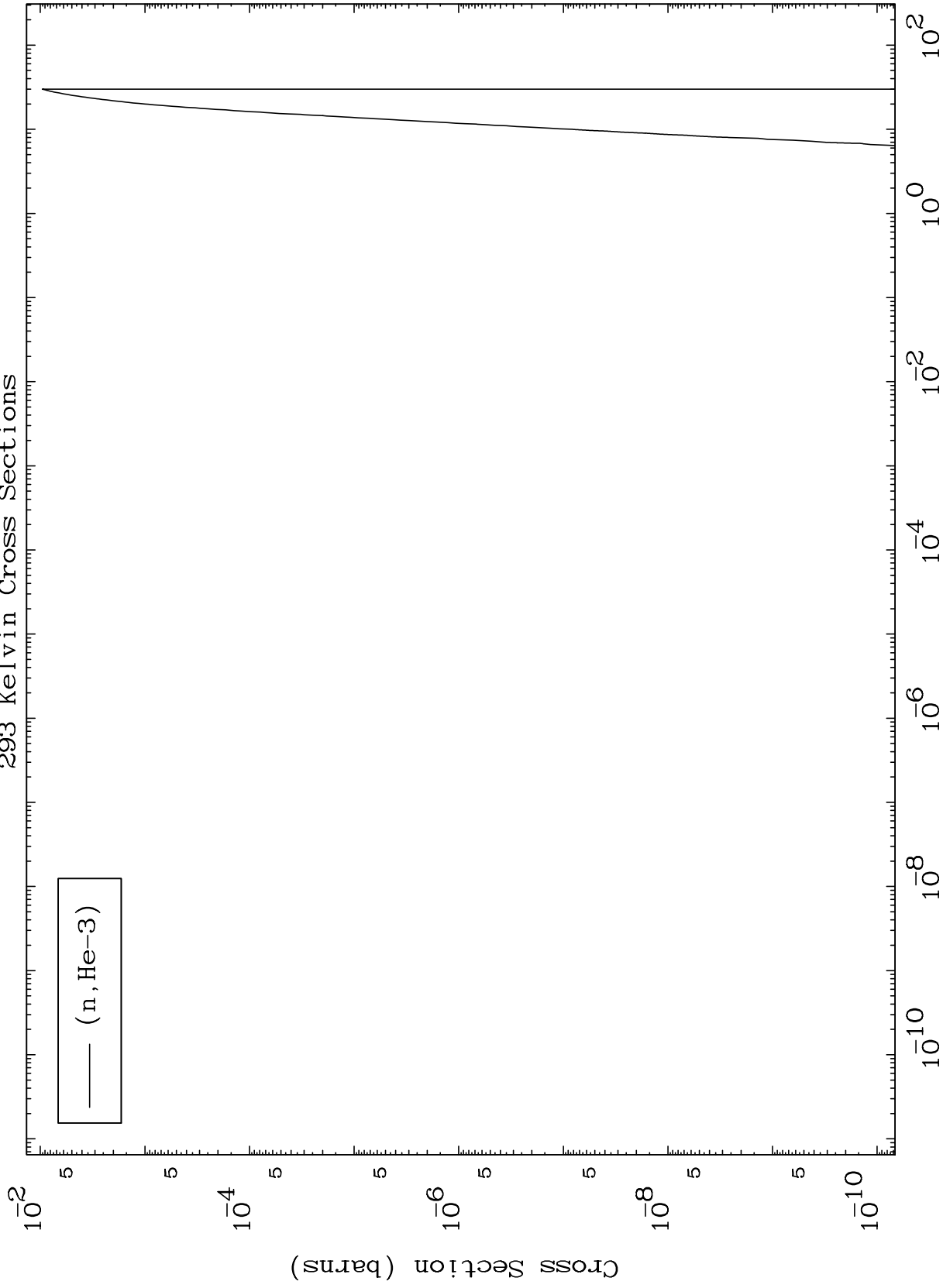
Incident Energy (MeV)

85-At-198

MAT 8511

(n,He3) Levels  
293 Kelvin Cross Sections

85-At-198

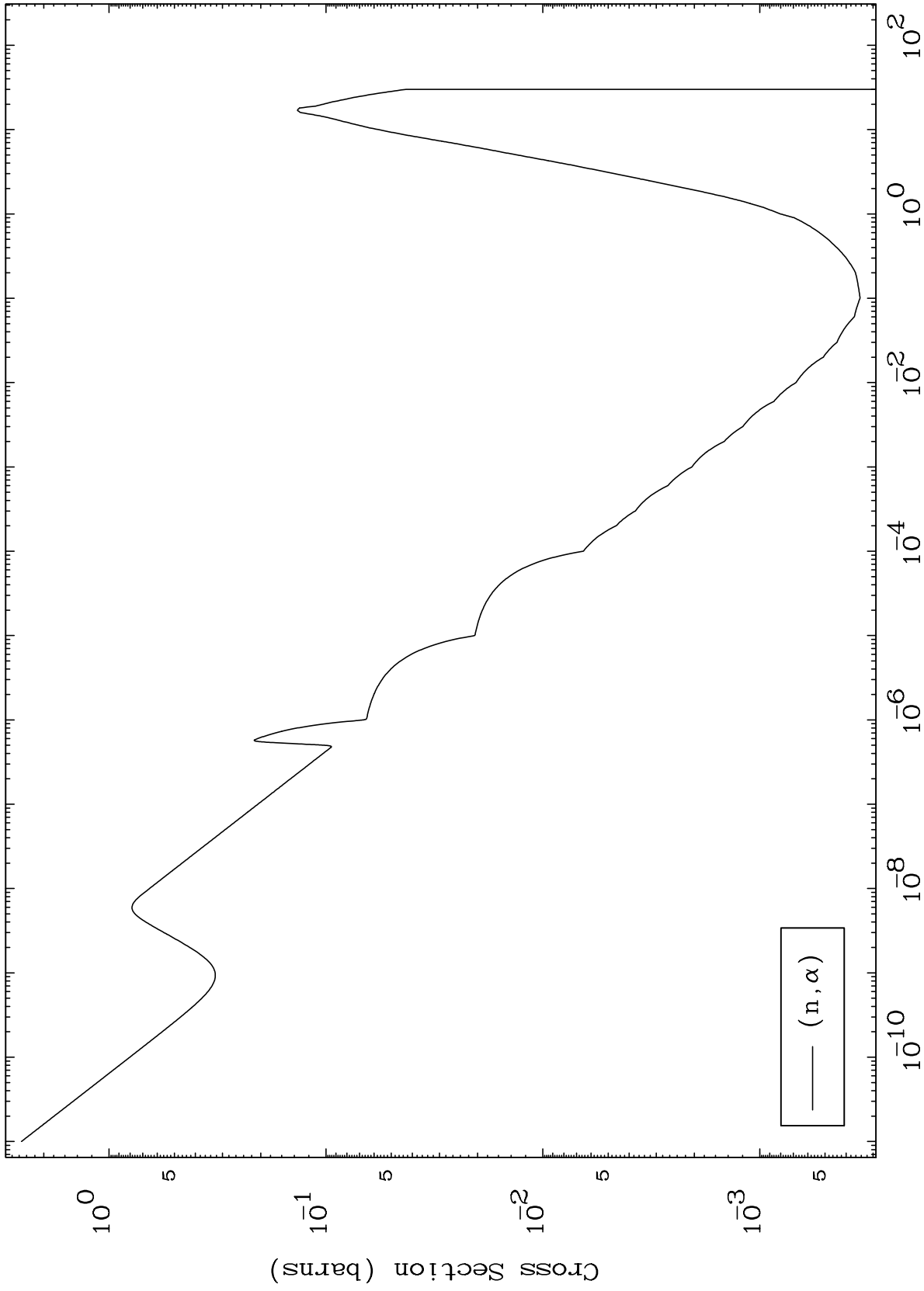


(n, He-3)

MAT 8511

(n,α) Levels  
293 Kelvin Cross Sections

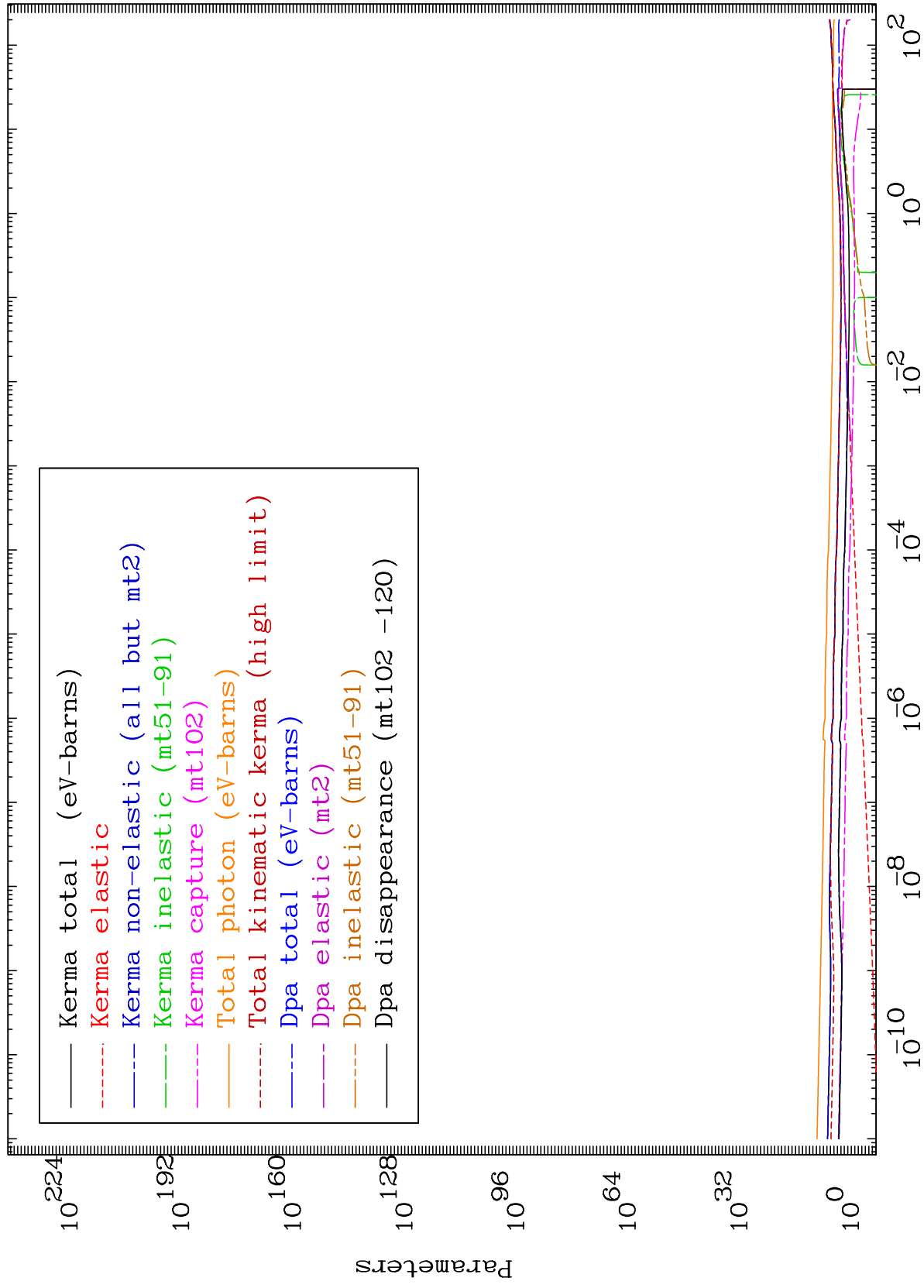
85-At-198



12

Incident Energy (MeV)

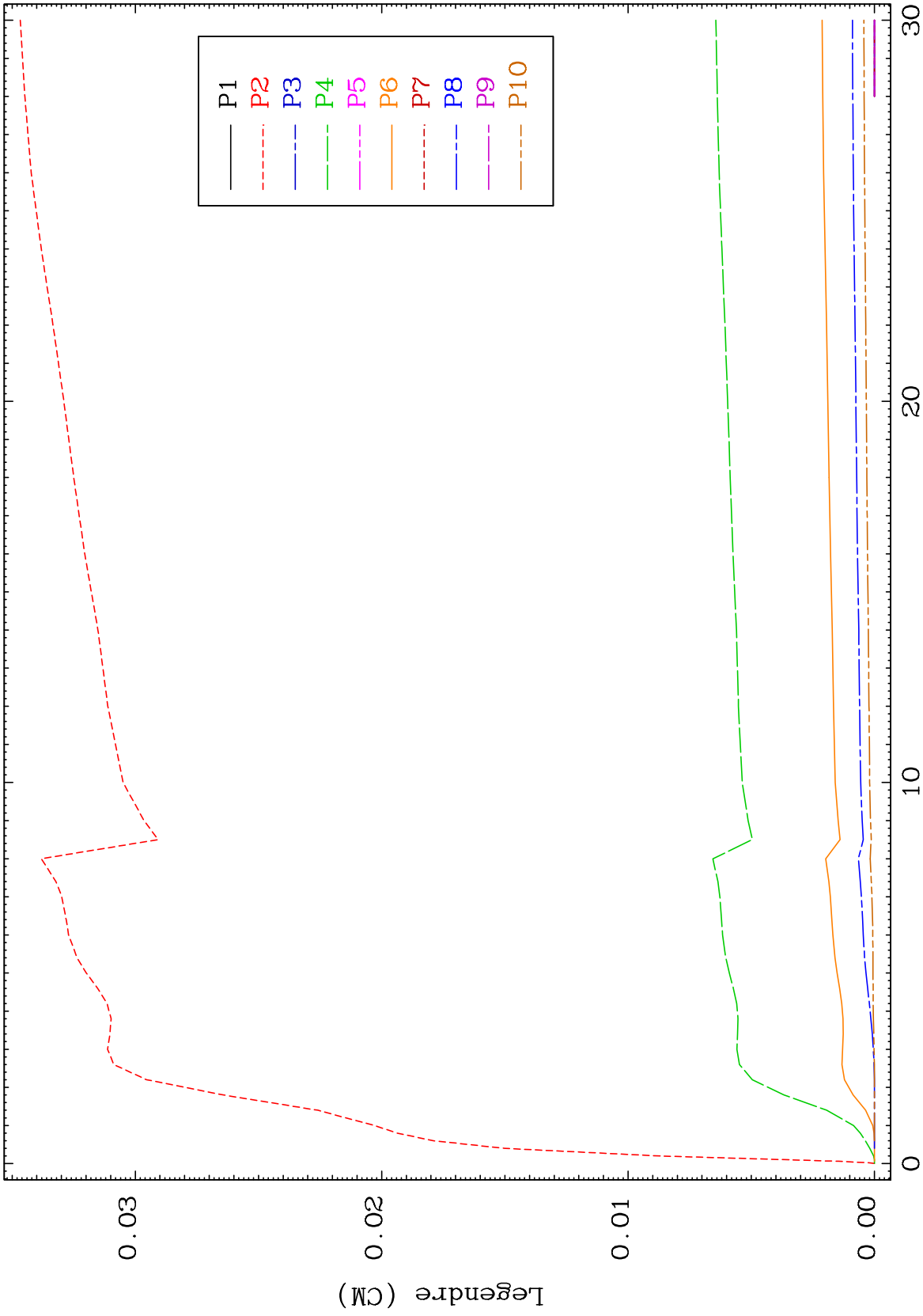
85-At-198



85-At-198

Elastic Legendre Coefficients

MAT 8511



85-At-198

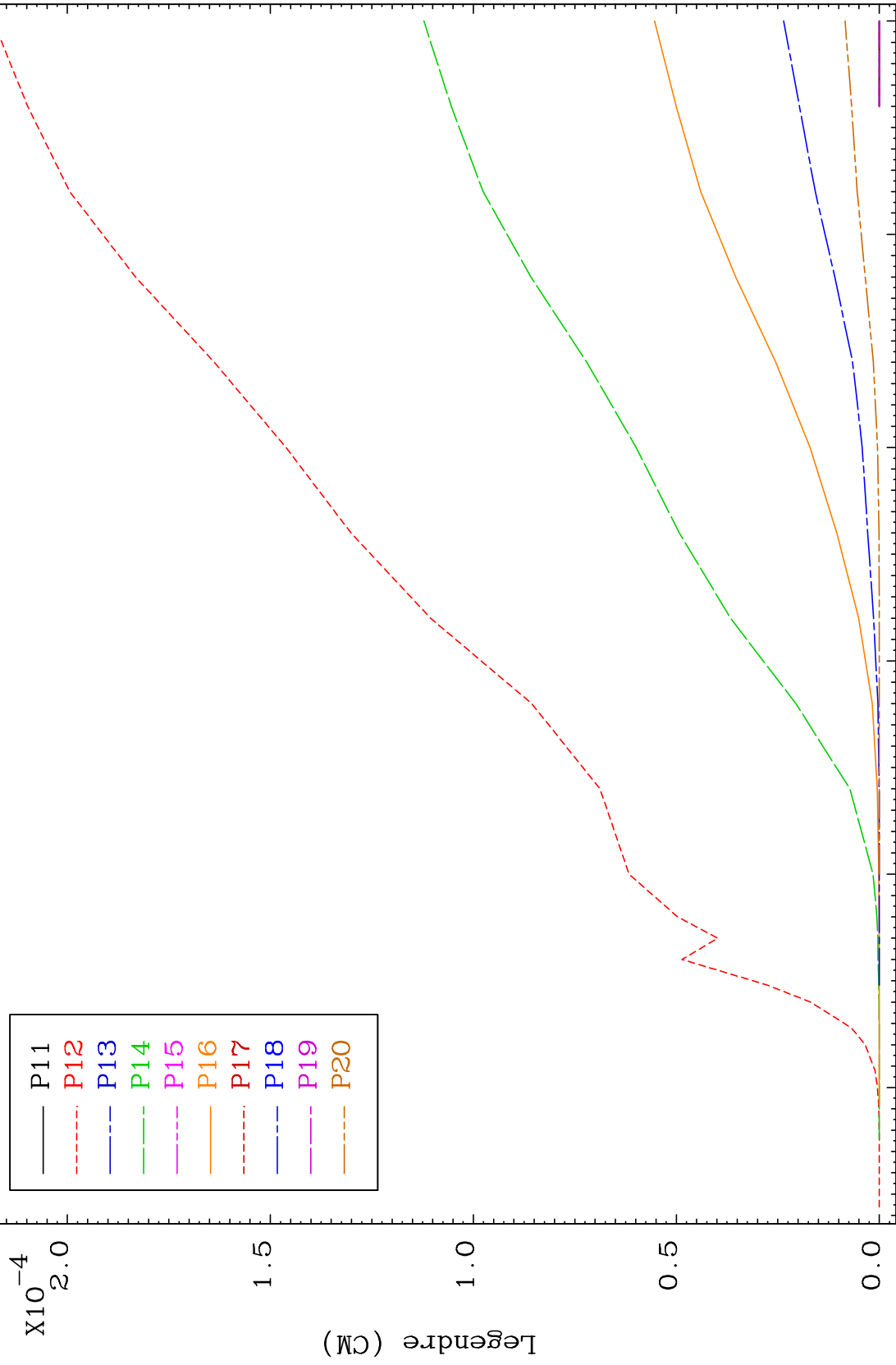
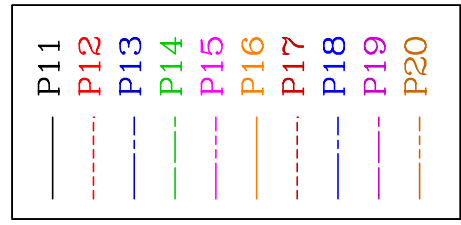
Incident Energy (MeV)

14

MAT 8511

Elastic Legendre Coefficients

85-At-198



15

Incident Energy (MeV)

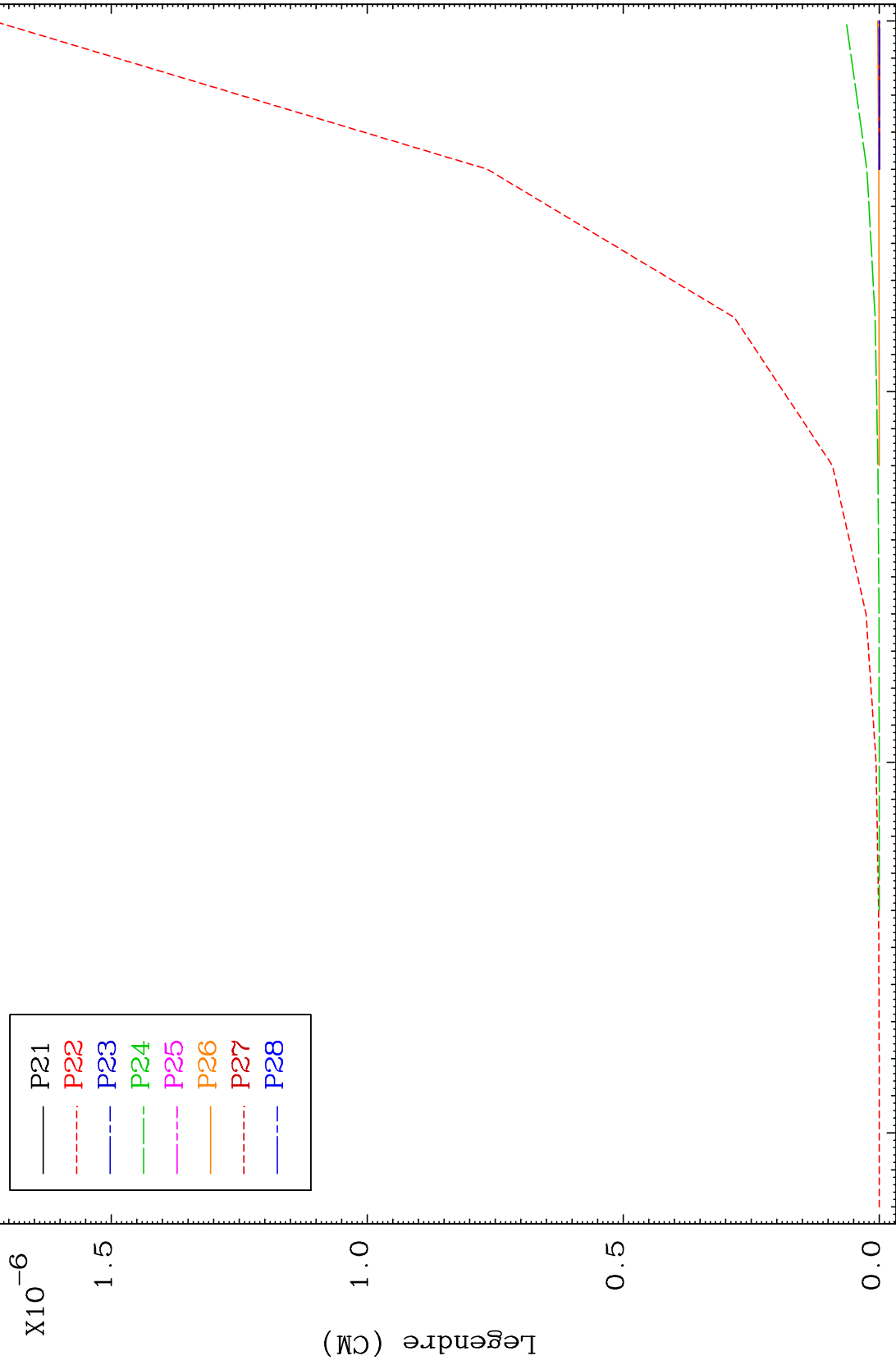
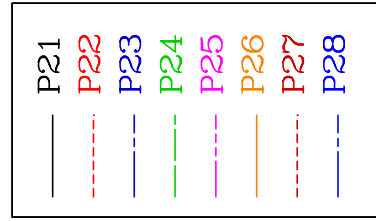
85-At-198



MAT 8511

Elastic Legendre Coefficients

85-At-198



16

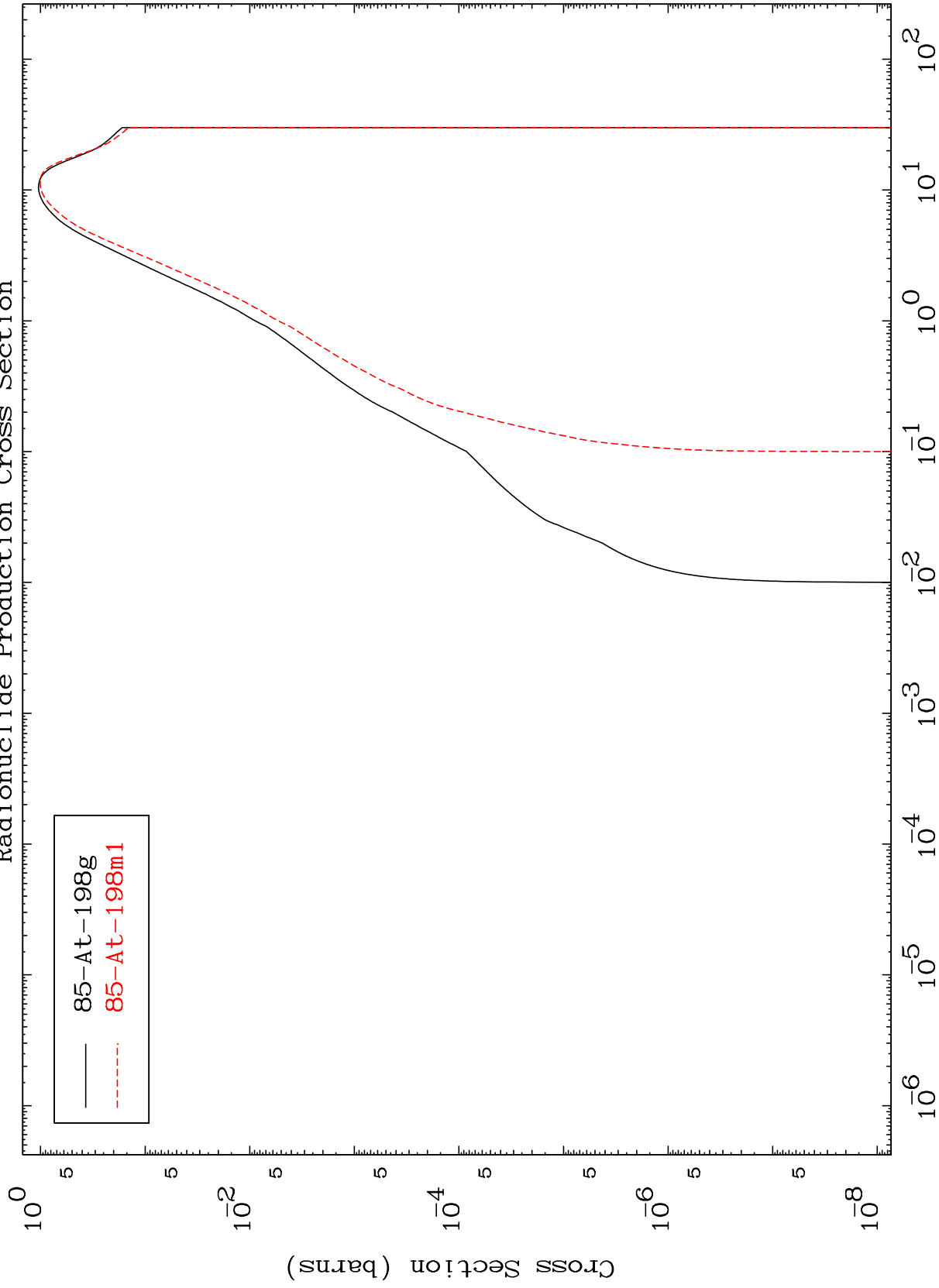
Incident Energy (MeV)

85-At-198

MAT 8511

Inelastic  
Radionuclide Production Cross Section

85-At-198

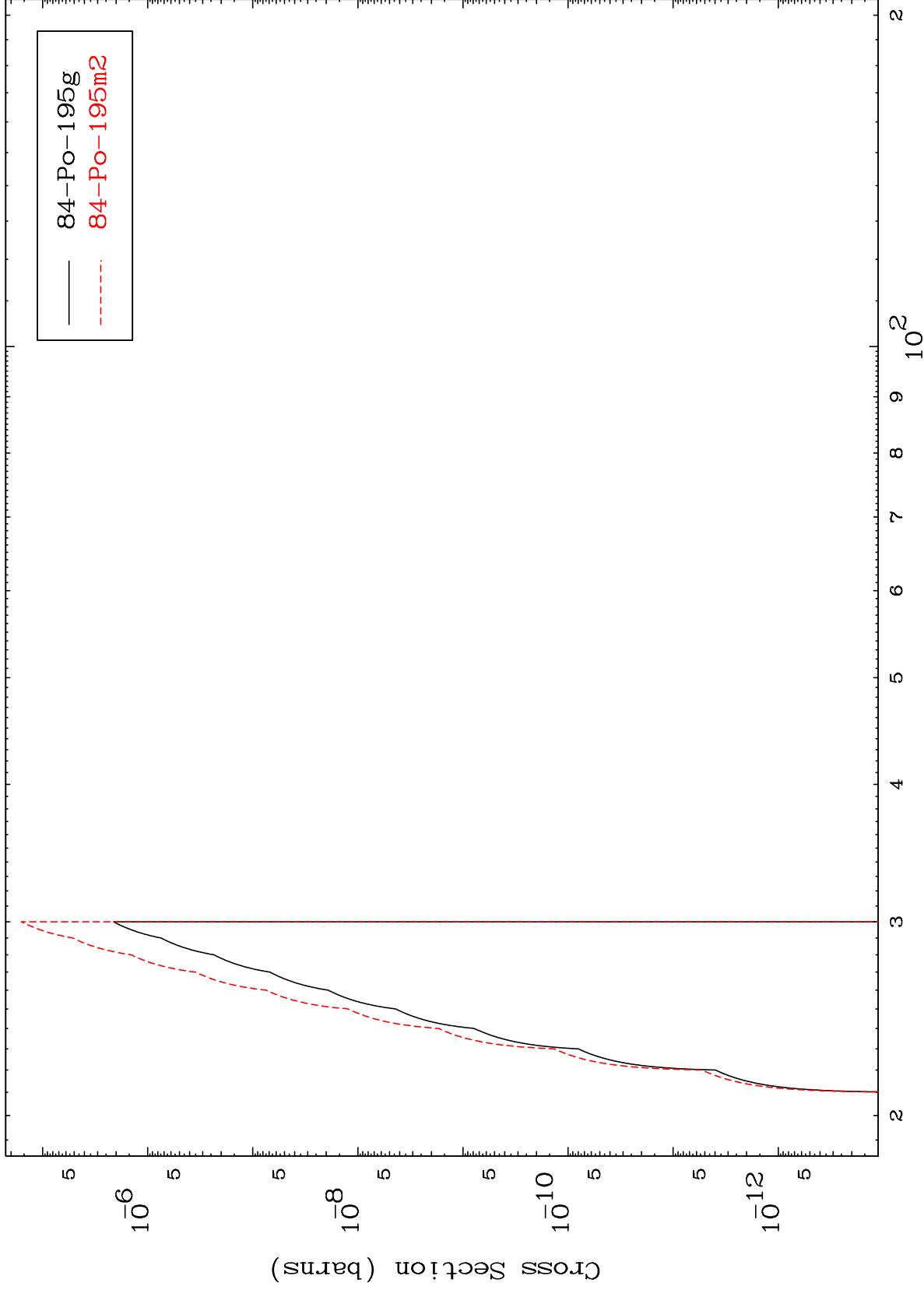


MAT 8511

(n,2n) d

85-At-198

Radionuclide Production Cross Section



18

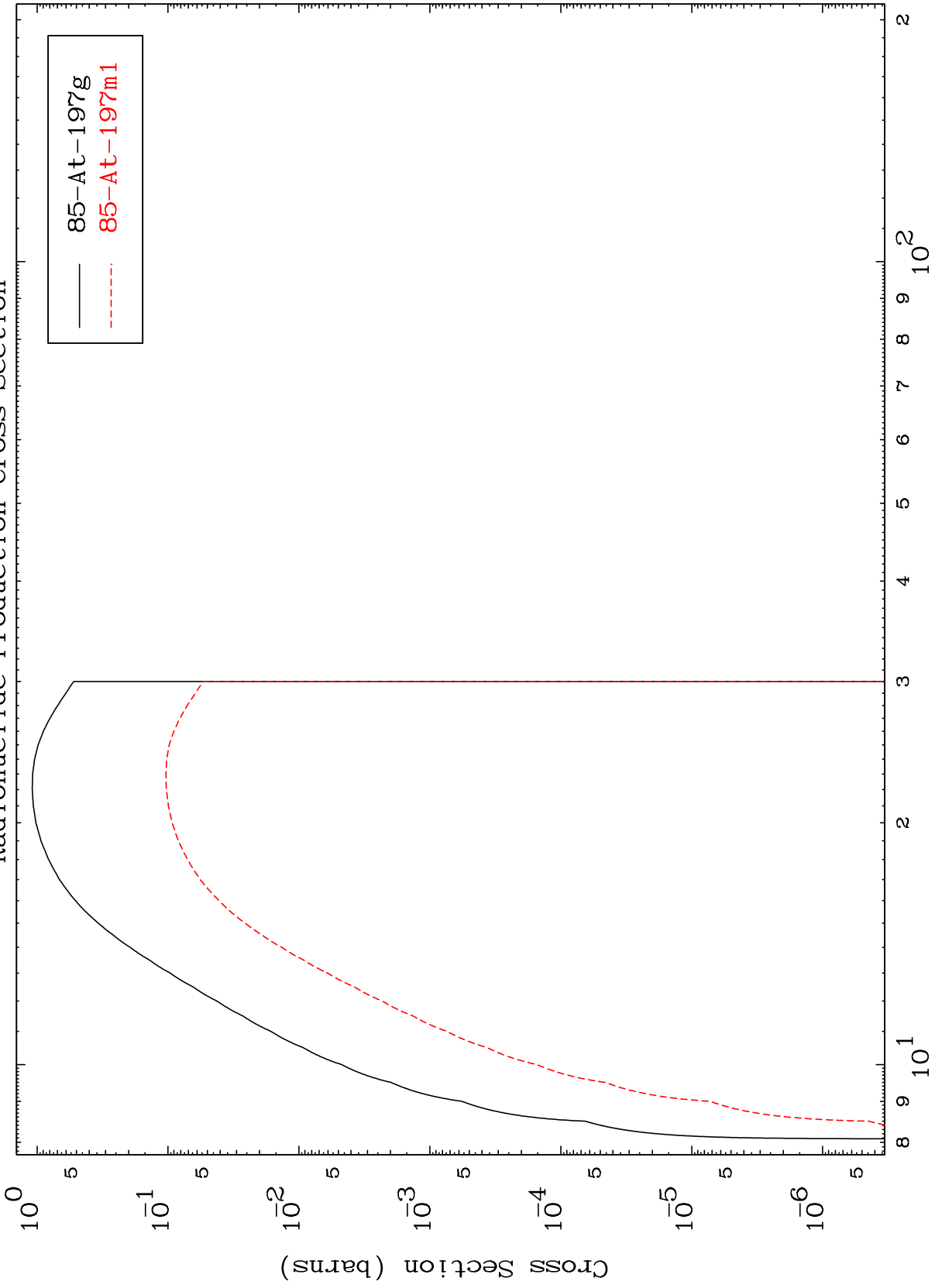
Incident Energy (MeV)

85-At-198

MAT 8511

85-At-198

(n,2n)  
Radionuclide Production Cross Section



19

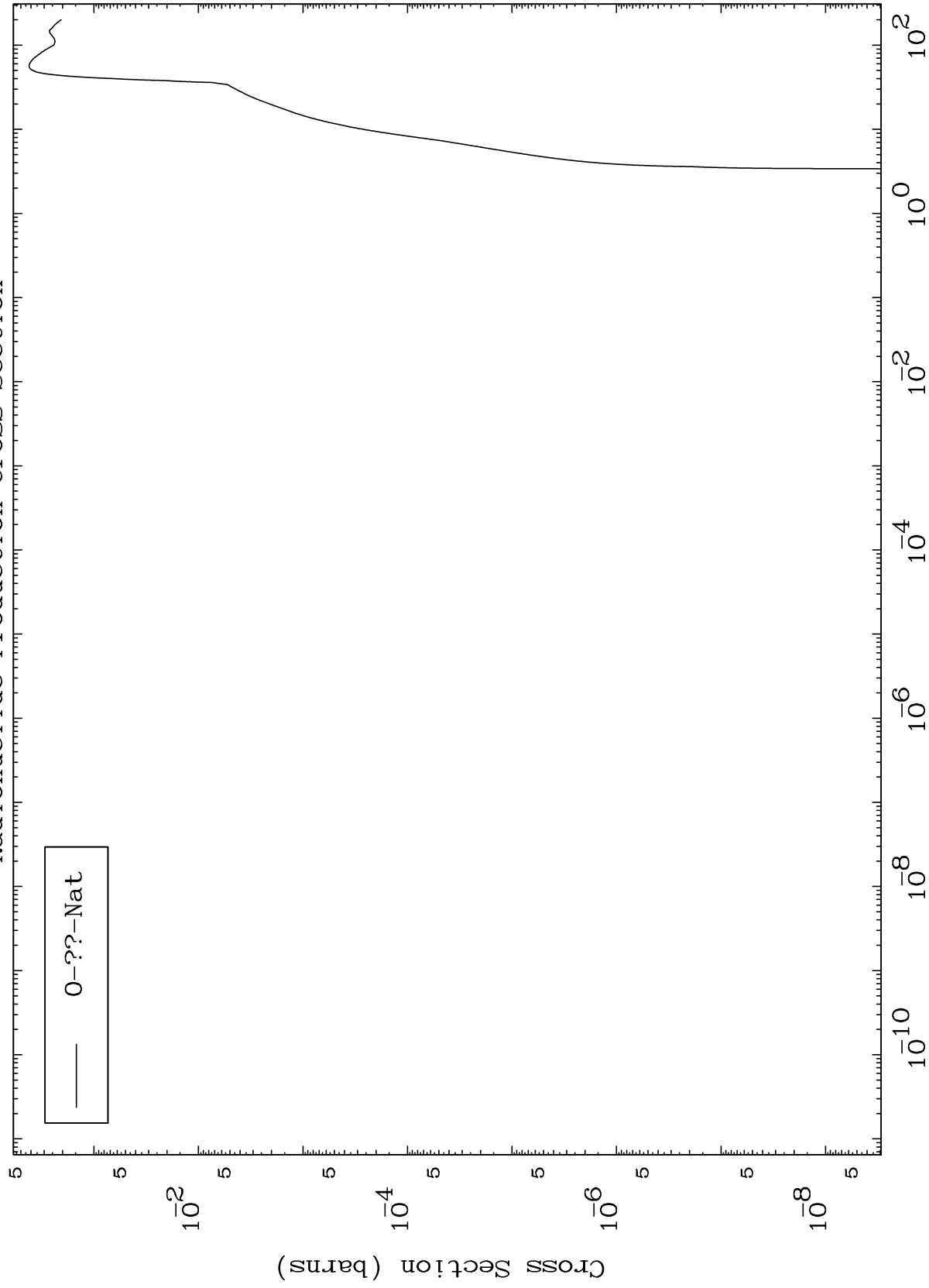
Incident Energy (MeV)

85-At-198

MAT 8511

Fission  
Radionuclide Production Cross Section

85-At-198



20

Incident Energy (MeV)

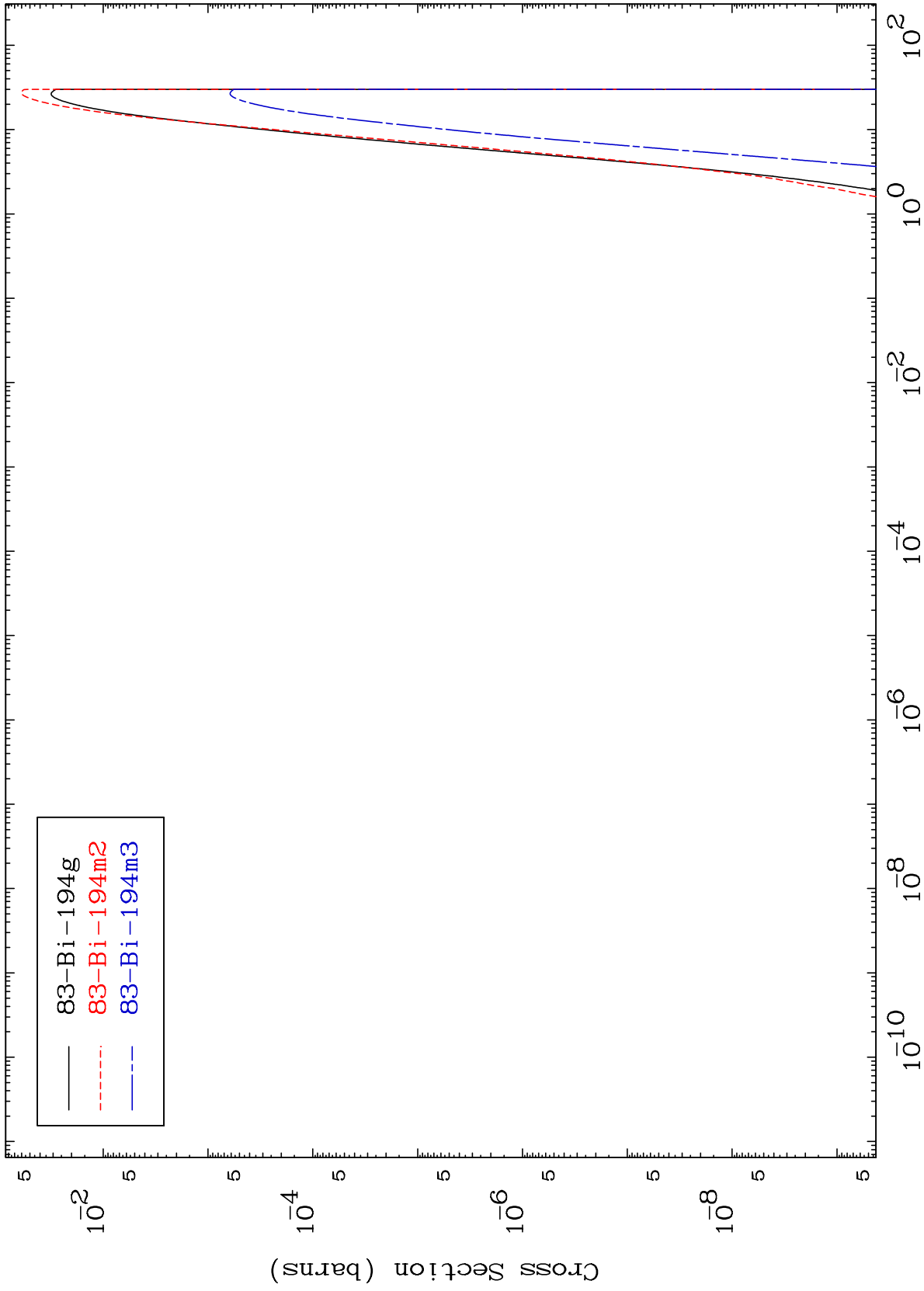
85-At-198

MAT 8511

(n,n')  $\alpha$

85-At-198

Radionuclide Production Cross Section



21

Incident Energy (MeV)

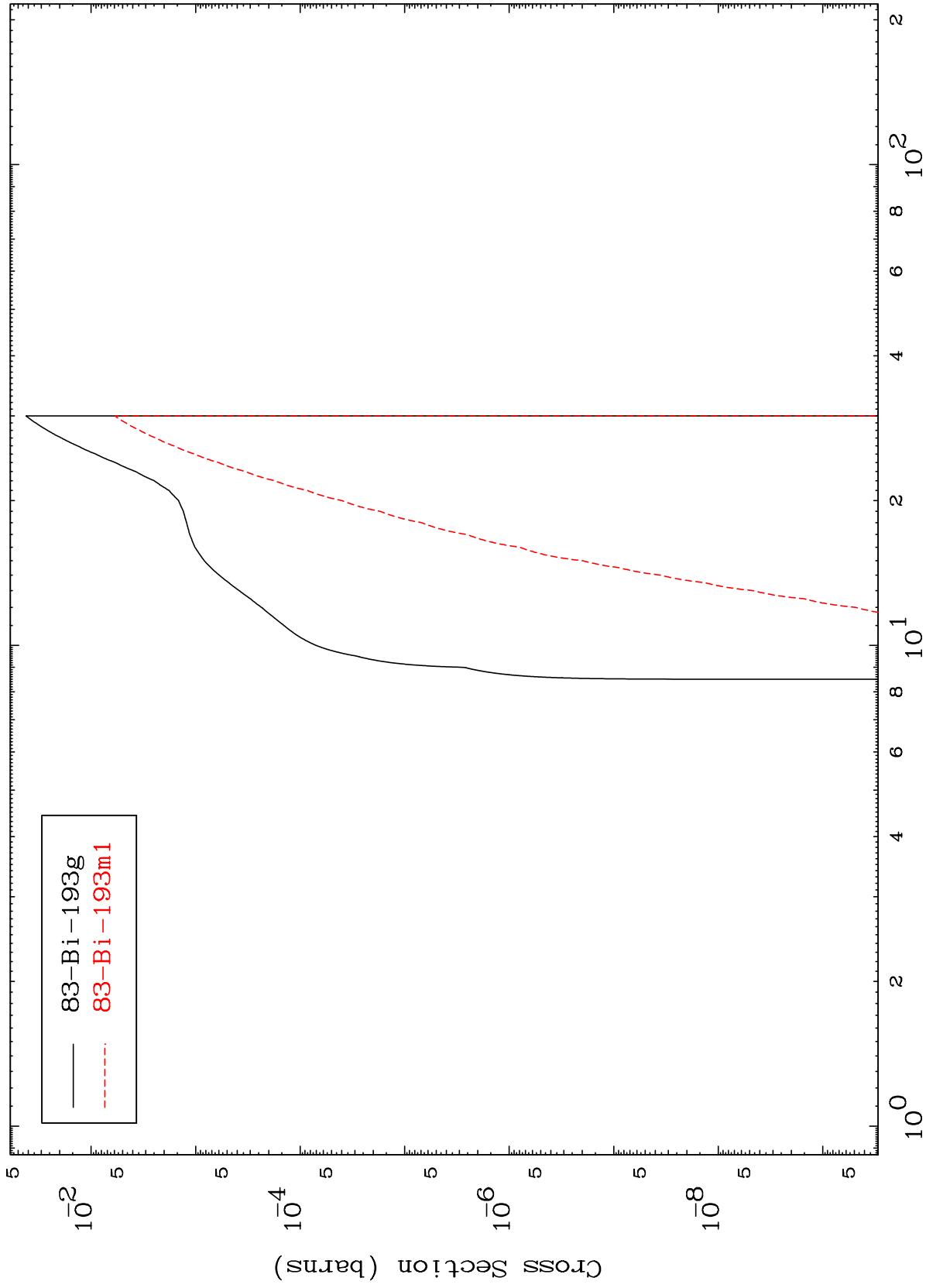
85-At-198

MAT 8511

(n,2n)  $\alpha$

85-At-198

Radionuclide Production Cross Section



22

Incident Energy (MeV)

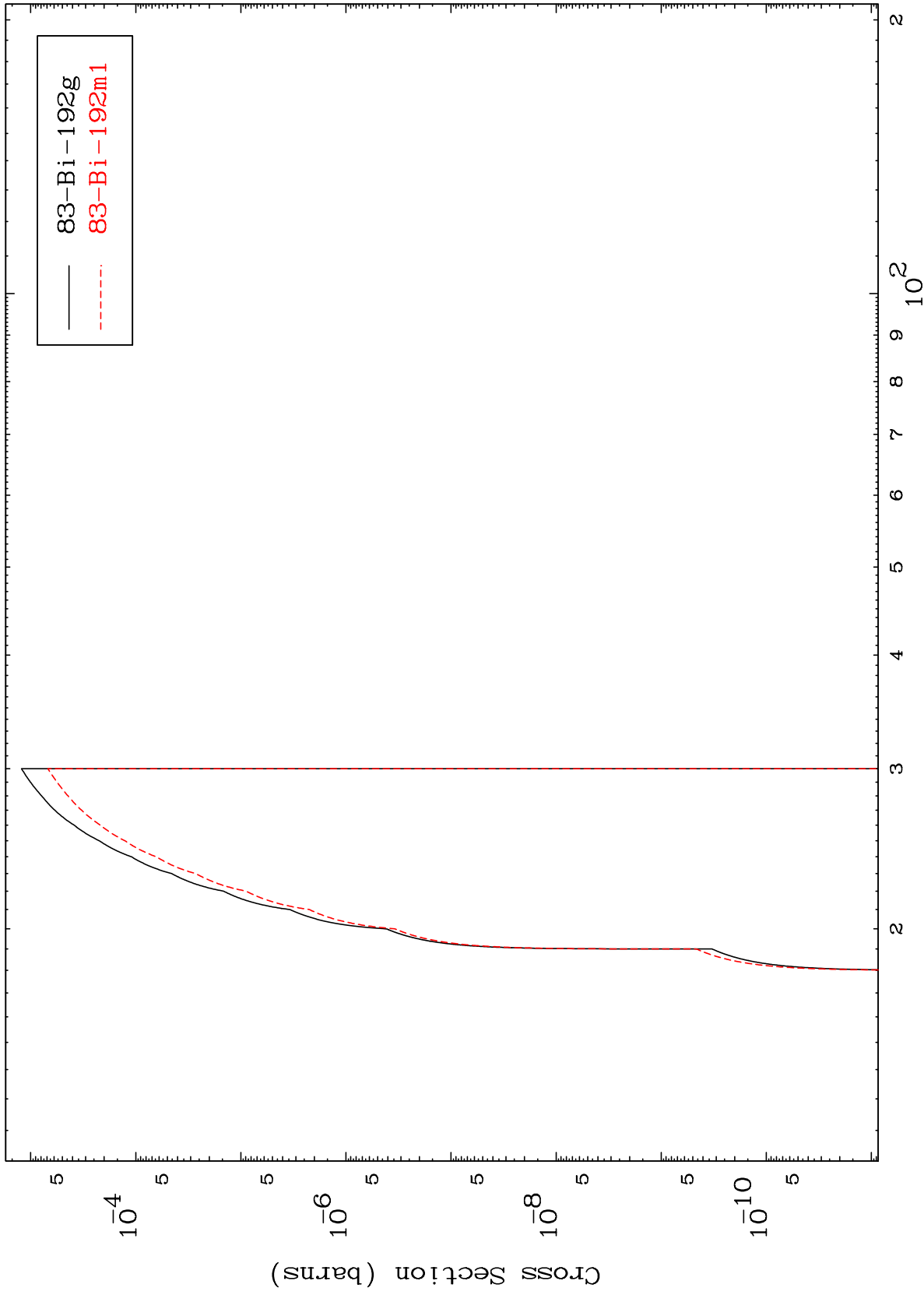
85-At-198

MAT 8511

(n,3n)  $\alpha$

85-At-198

Radionuclide Production Cross Section



23

Incident Energy (MeV)

85-At-198

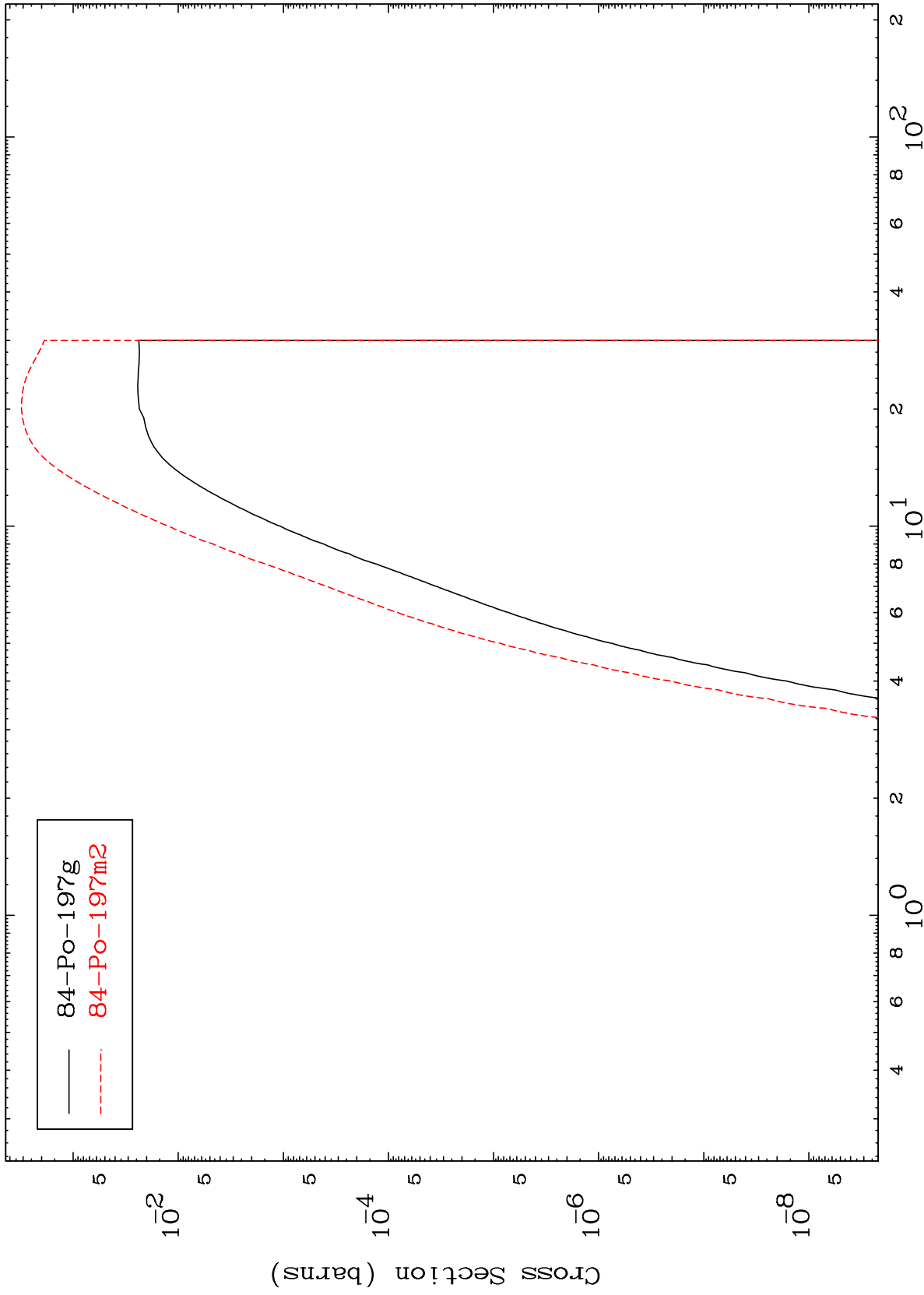


MAT 8511

(n,n') p

85-At-198

Radionuclide Production Cross Section



24

Incident Energy (MeV)

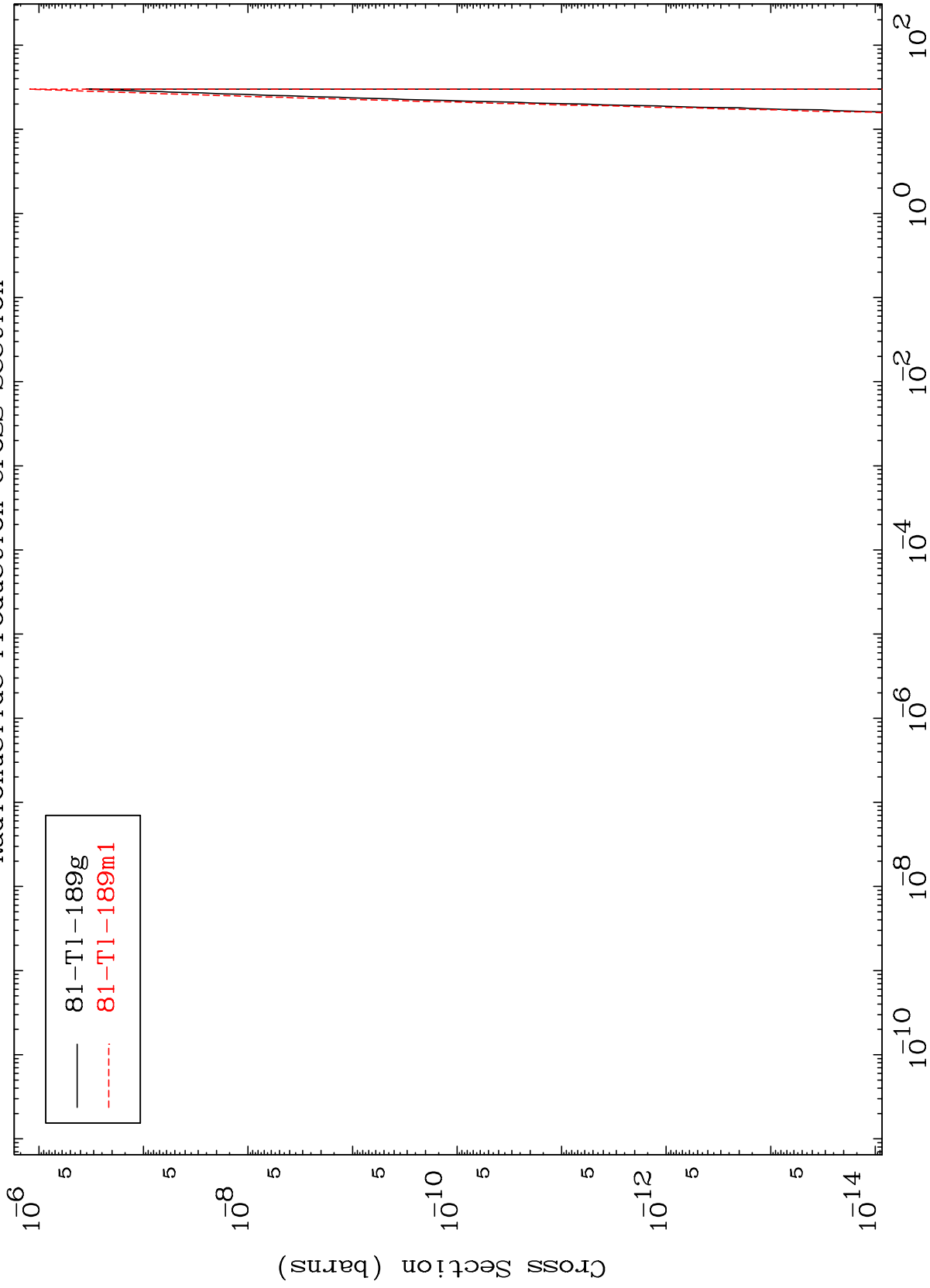
85-At-198

MAT 8511

(n,2n) 2 $\alpha$

85-At-198

Radionuclide Production Cross Section

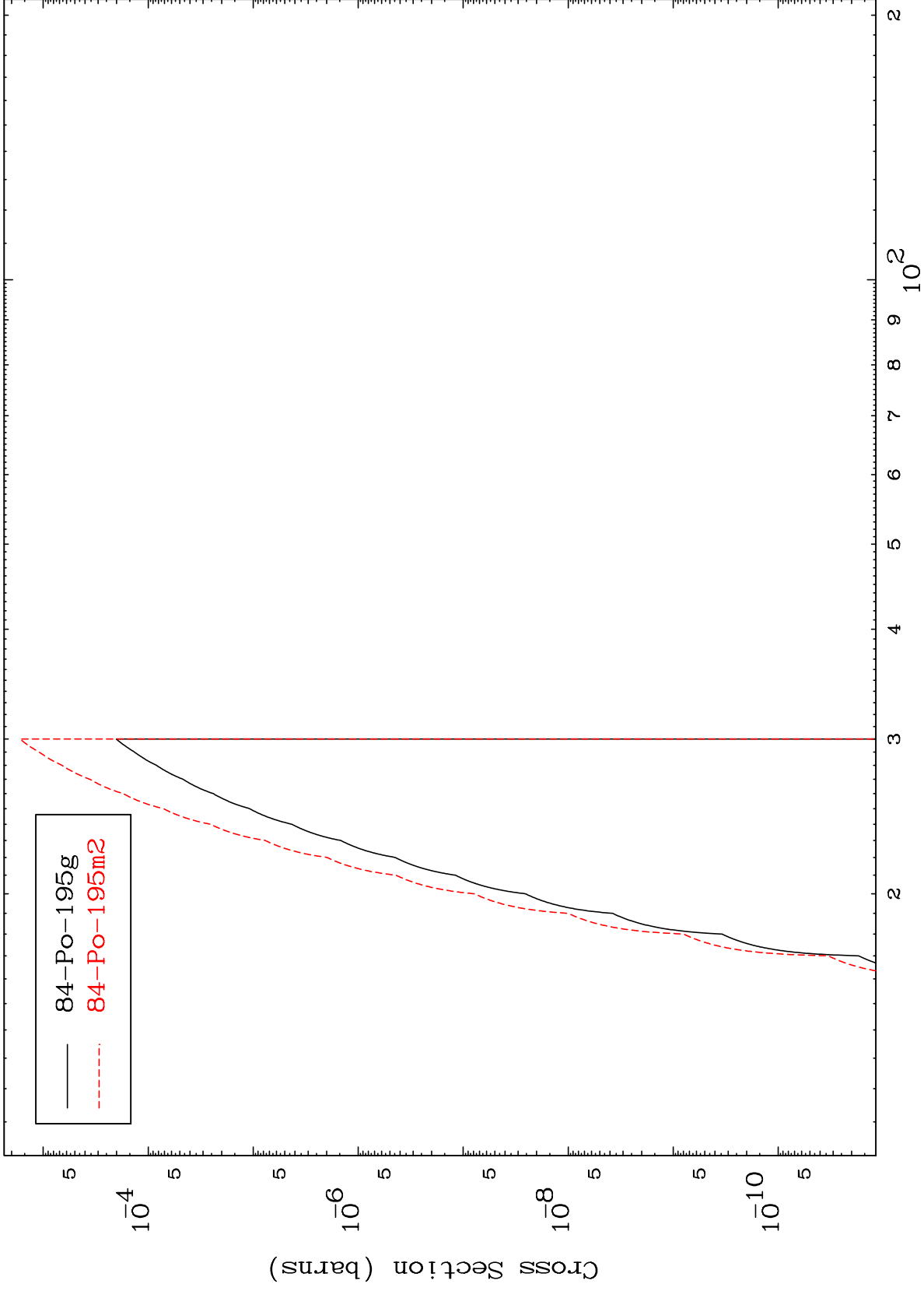


25

Incident Energy (MeV)

85-At-198

Radionuclide Production Cross Section

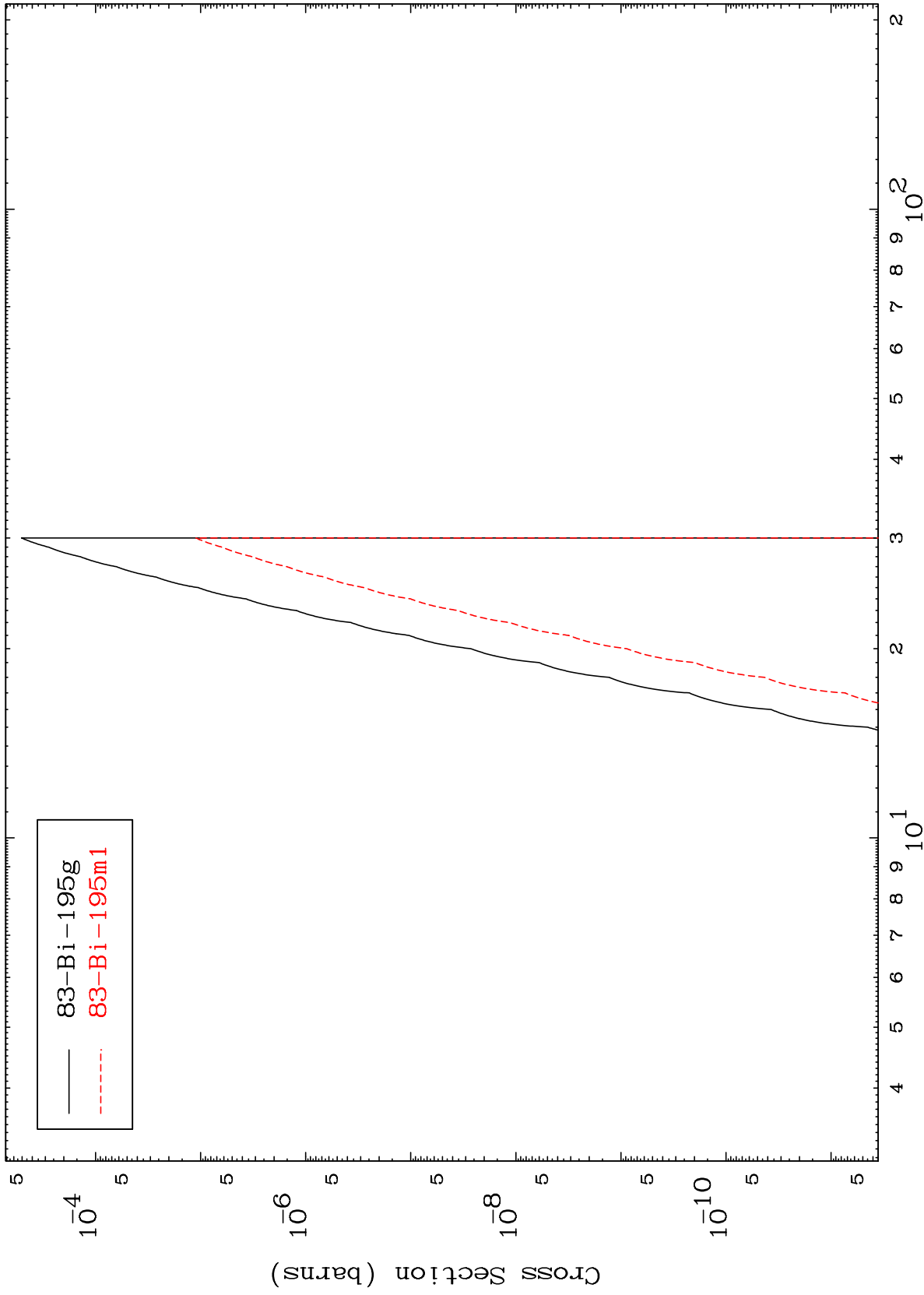


MAT 8511

(n, n') He-3

85-At-198

Radionuclide Production Cross Section



27

Incident Energy (MeV)

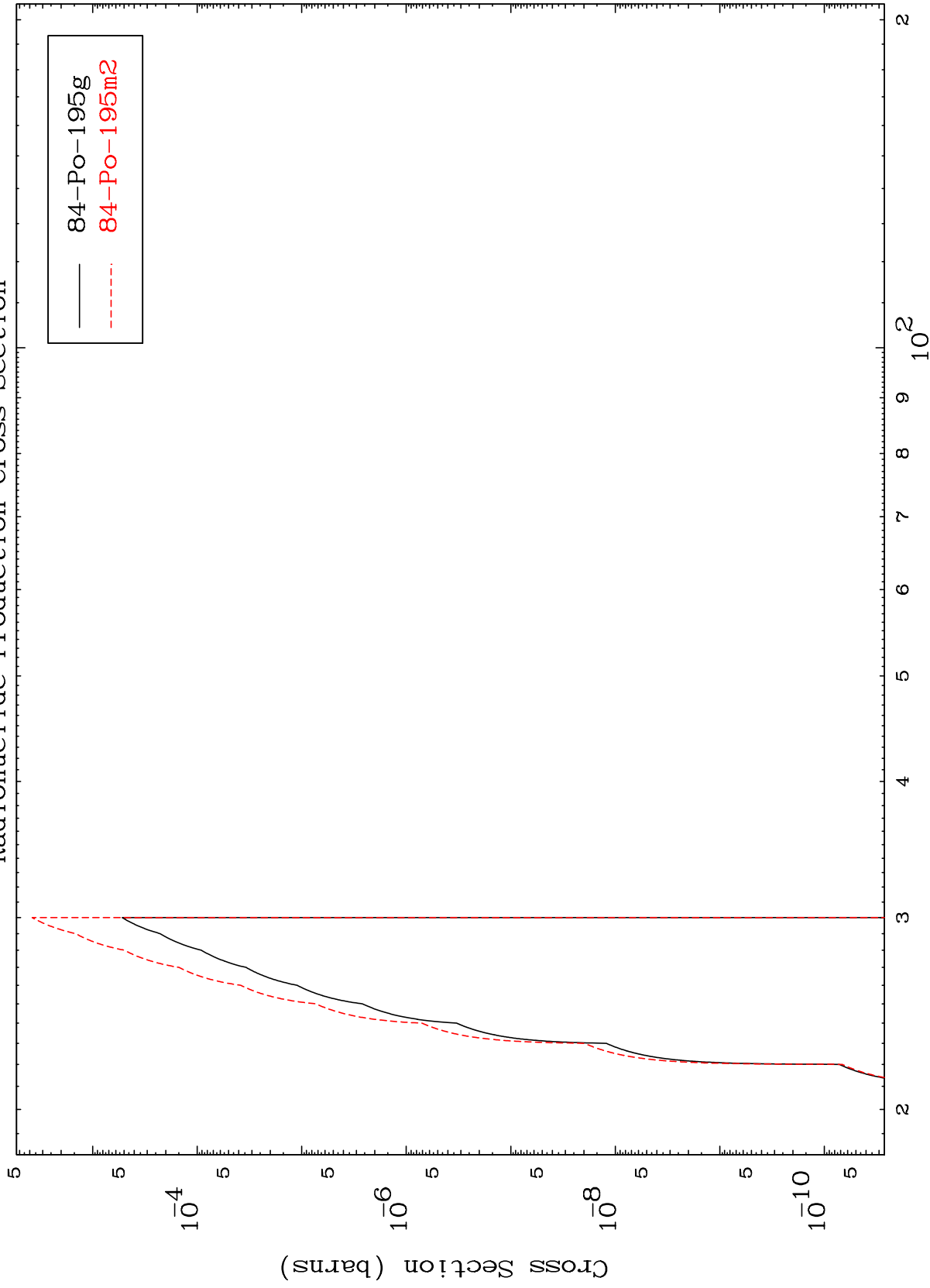
85-At-198

MAT 8511

(n,3n) p

85-At-198

Radionuclide Production Cross Section



28

Incident Energy (MeV)

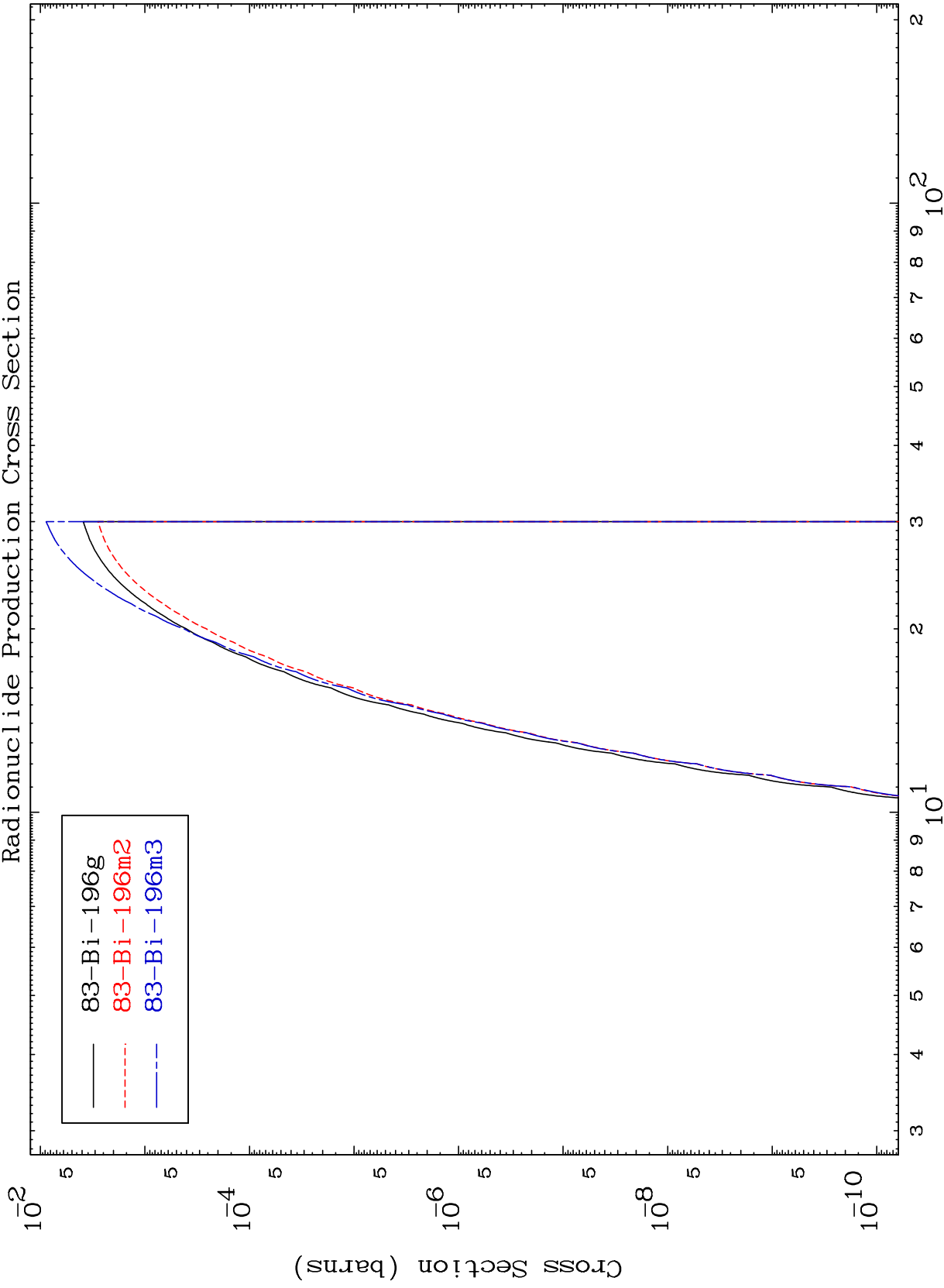
85-At-198

MAT 8511

(n,2n) p

85-At-198

Radionuclide Production Cross Section



29

Incident Energy (MeV)

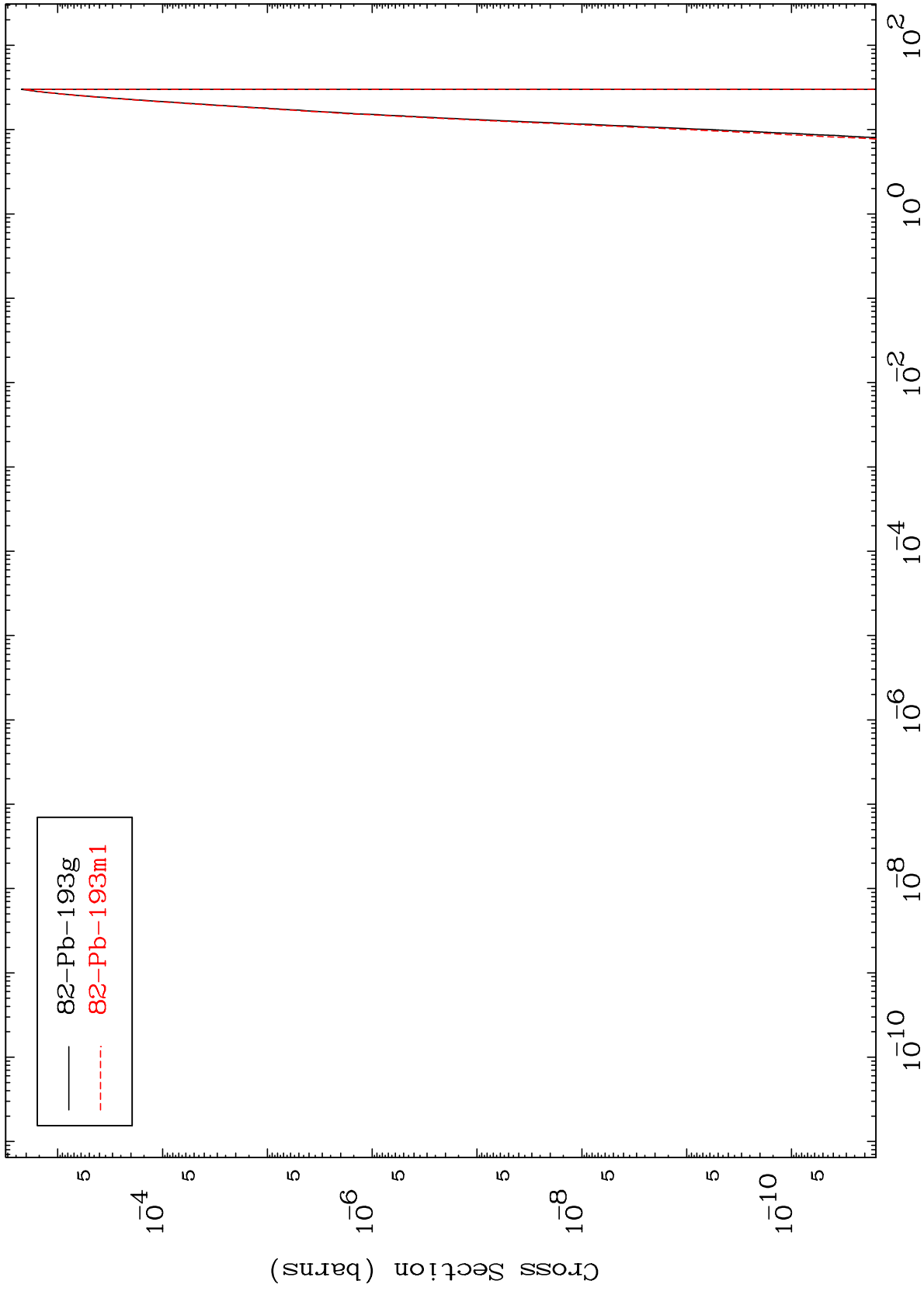
85-At-198

MAT 8511

(n,n') p  $\alpha$

85-At-198

Radionuclide Production Cross Section



30

Incident Energy (MeV)

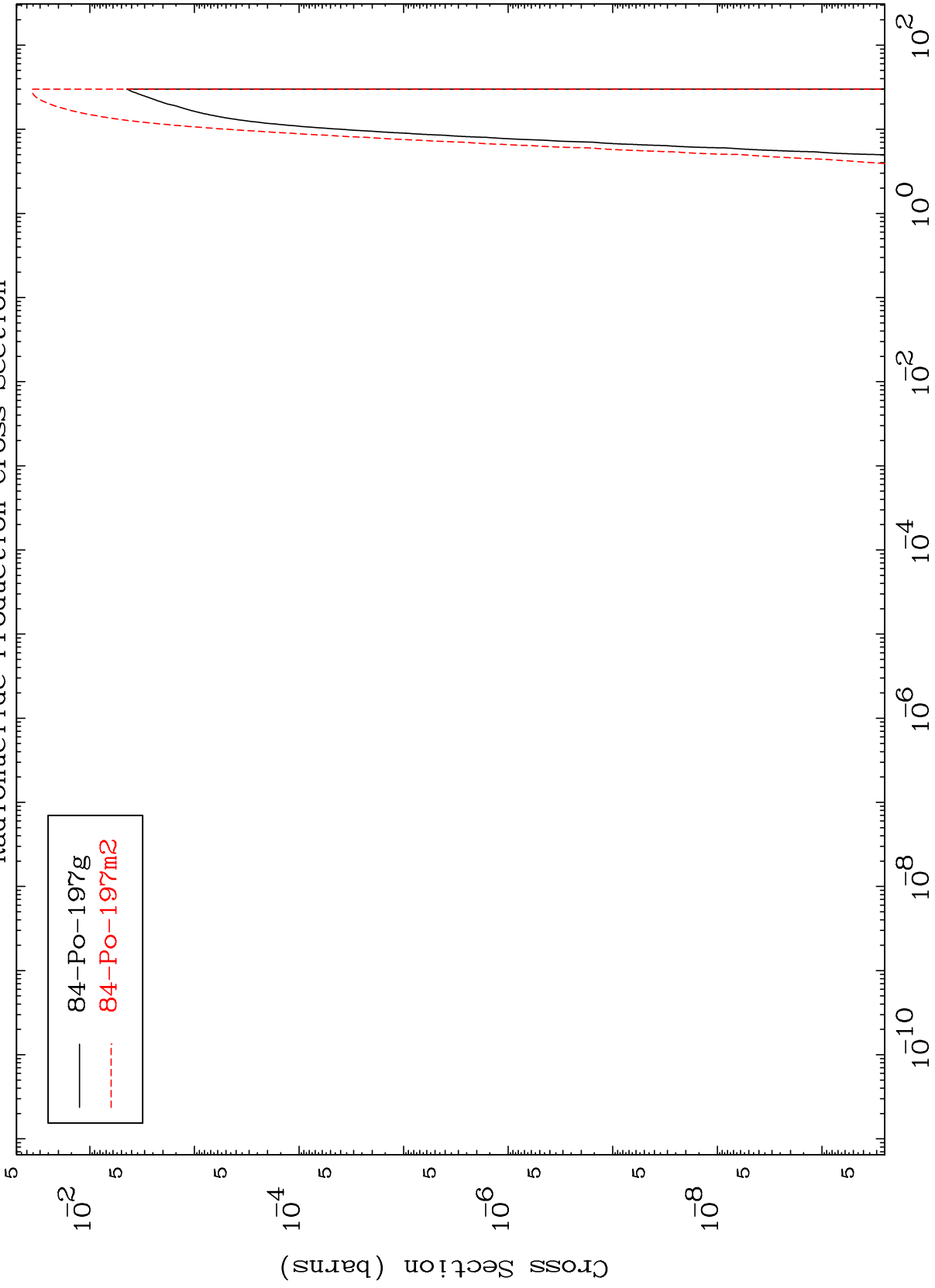
85-At-198

MAT 8511

(n,d)

85-At-198

Radionuclide Production Cross Section



31

Incident Energy (MeV)

85-At-198

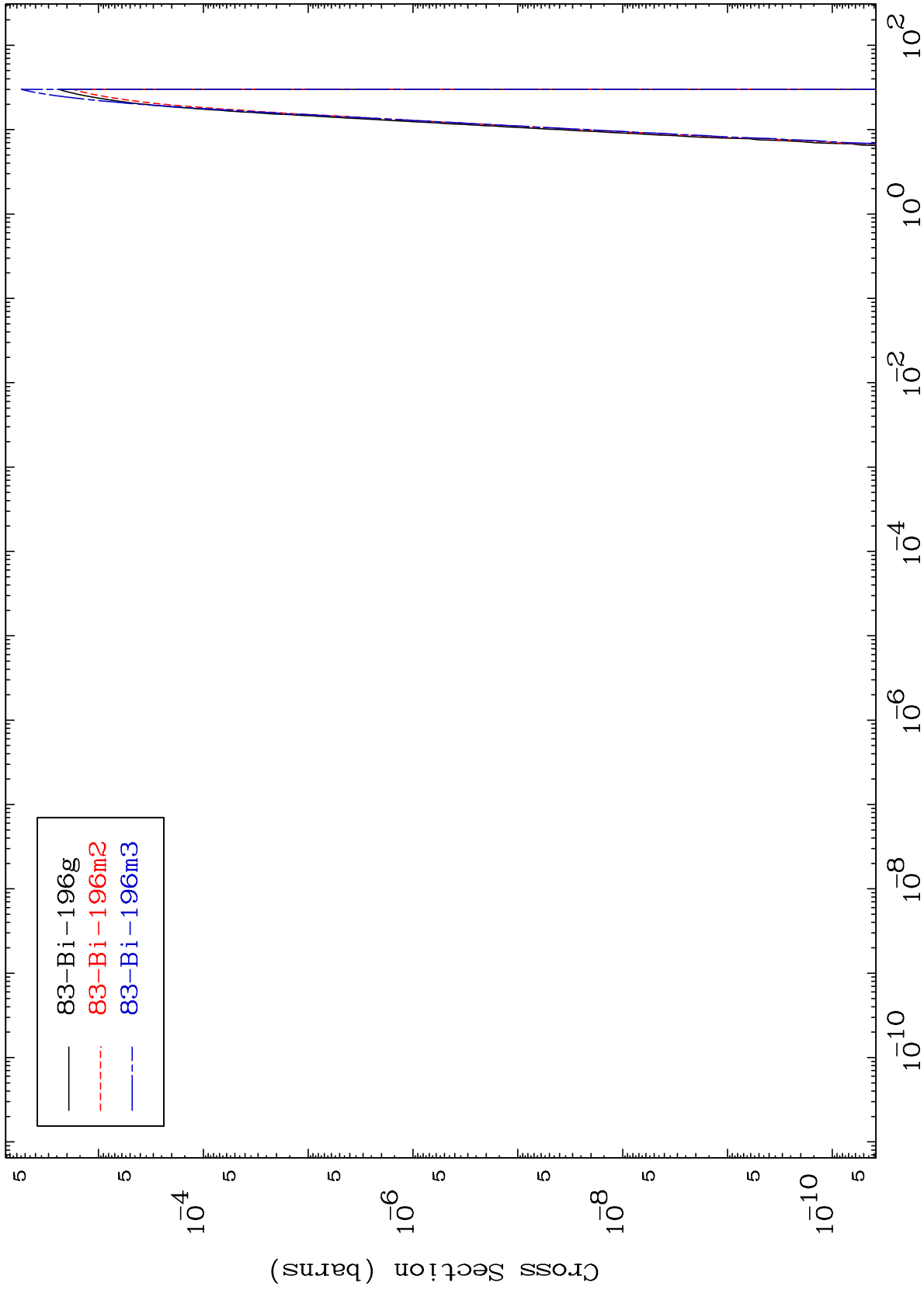


MAT 8511

(n, He-3)

85-At-198

Radionuclide Production Cross Section



83-Bi-196g  
83-Bi-196m2  
83-Bi-196m3

32

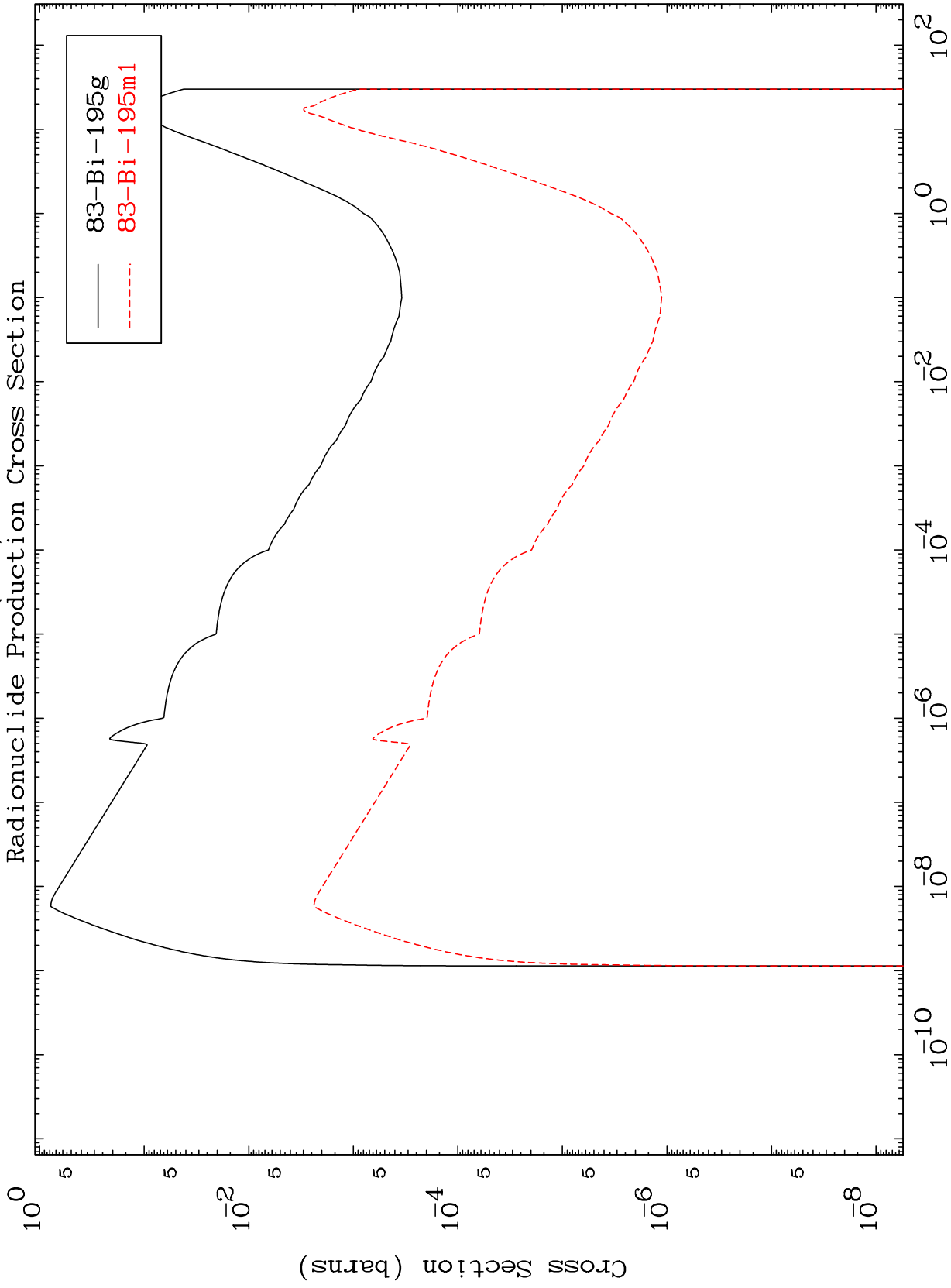
Incident Energy (MeV)

85-At-198

MAT 8511

85-At-198

$(n, \alpha)$   
Radionuclide Production Cross Section



33

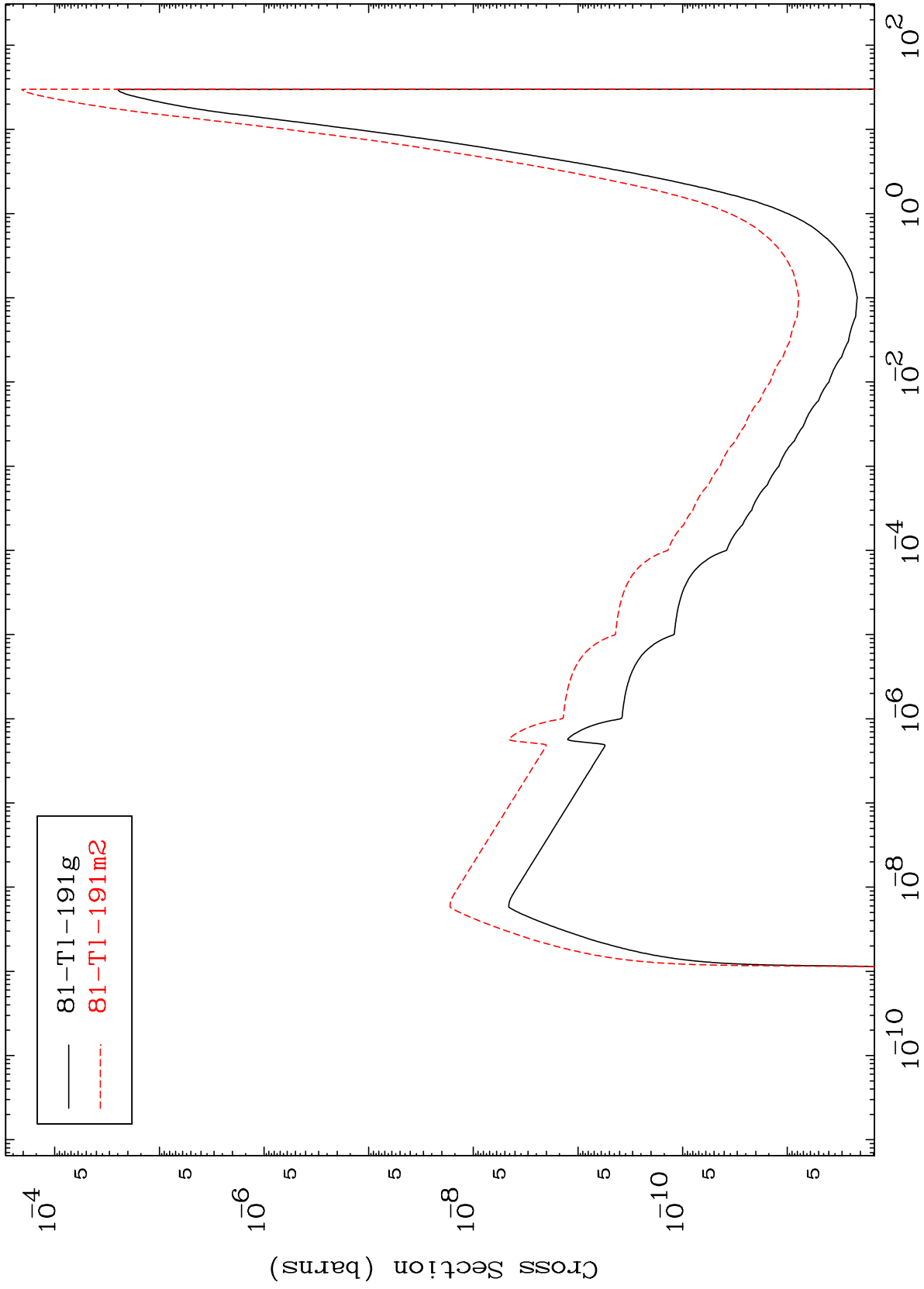
85-At-198

MAT 8511

(n,2α)

85-At-198

Radionuclide Production Cross Section



34

Incident Energy (MeV)

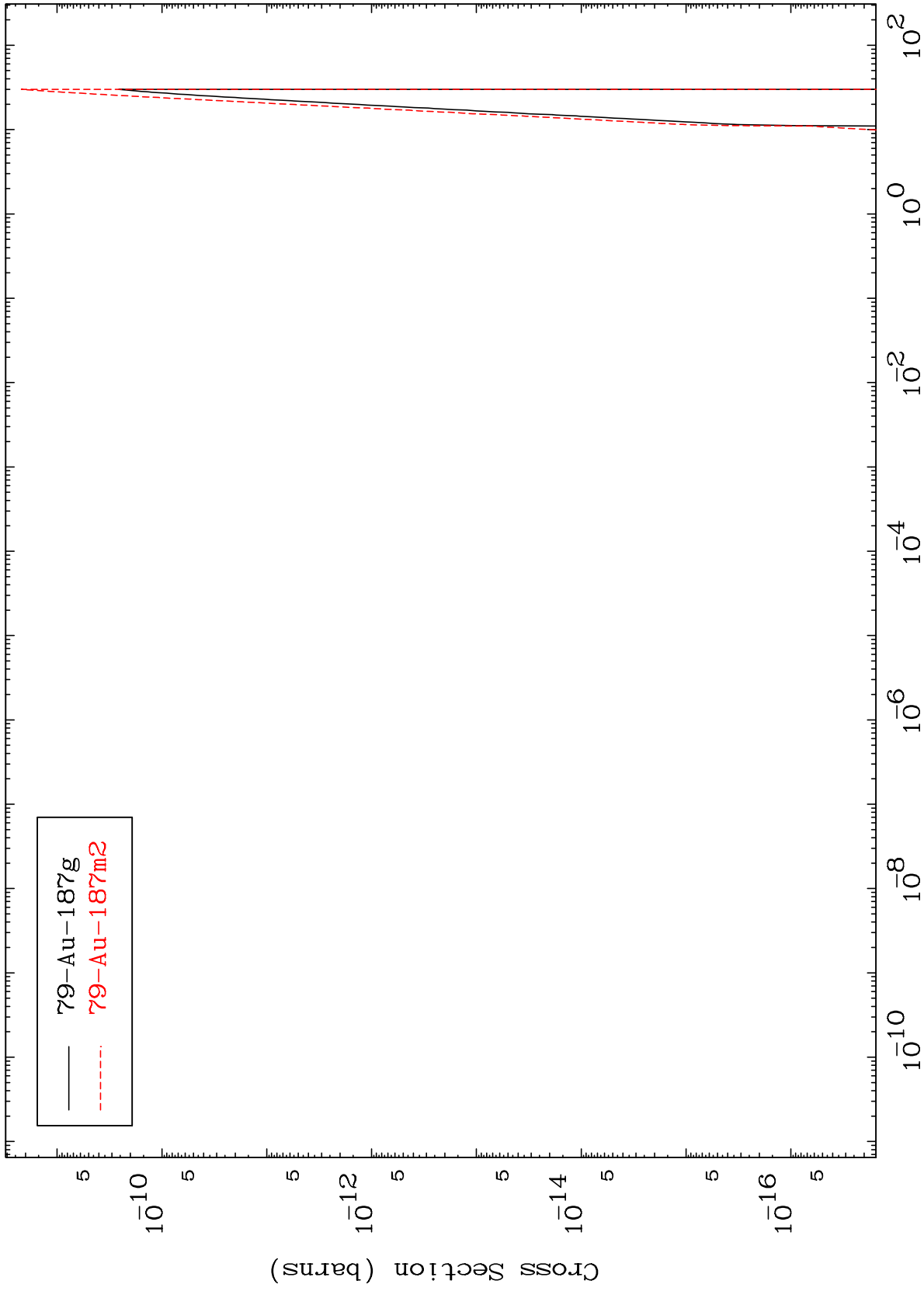
85-At-198

MAT 8511

(n,3α)

85-At-198

Radionuclide Production Cross Section



35

Incident Energy (MeV)

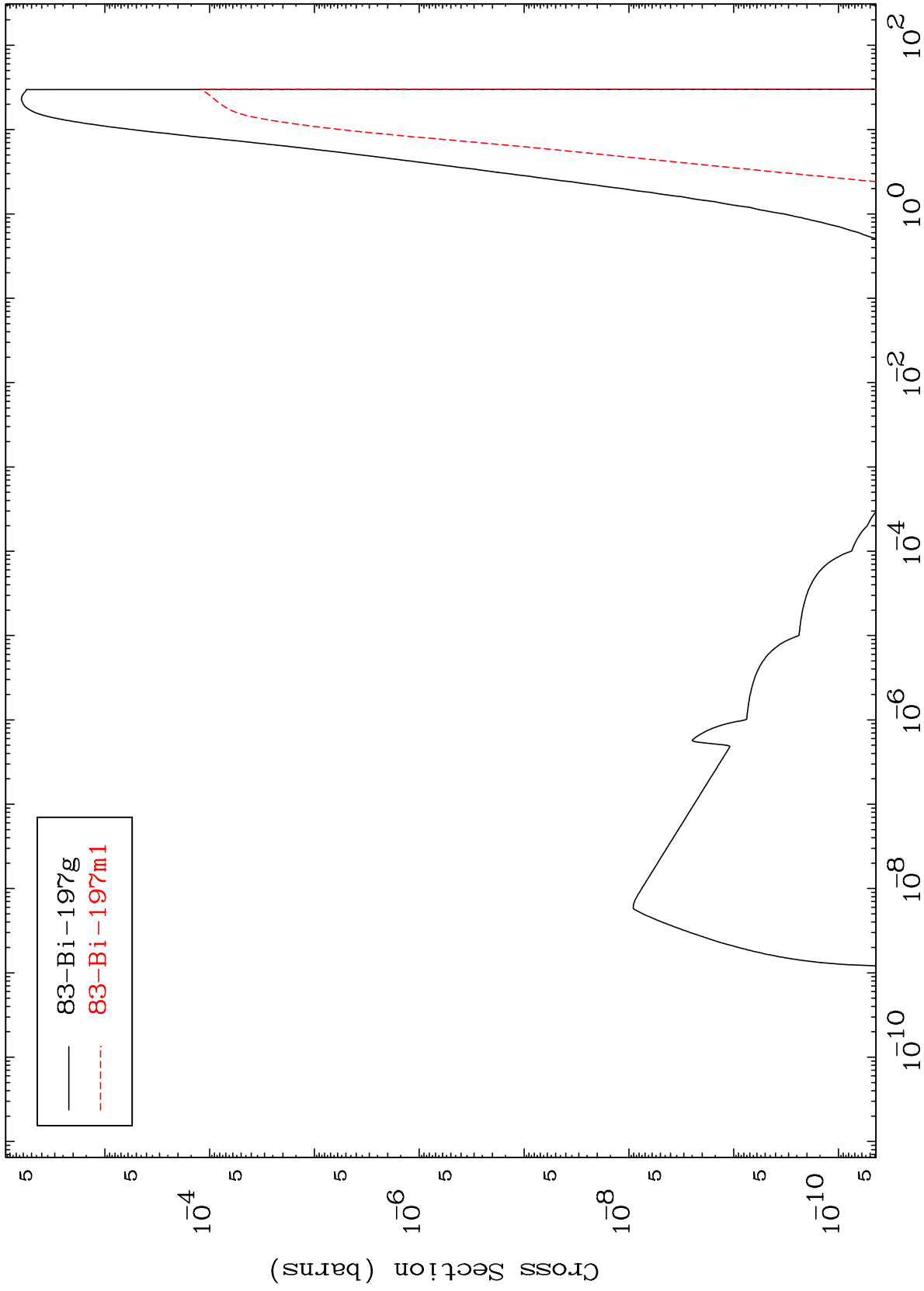
85-At-198

MAT 8511

(n,2p)

85-At-198

Radionuclide Production Cross Section



36

Incident Energy (MeV)

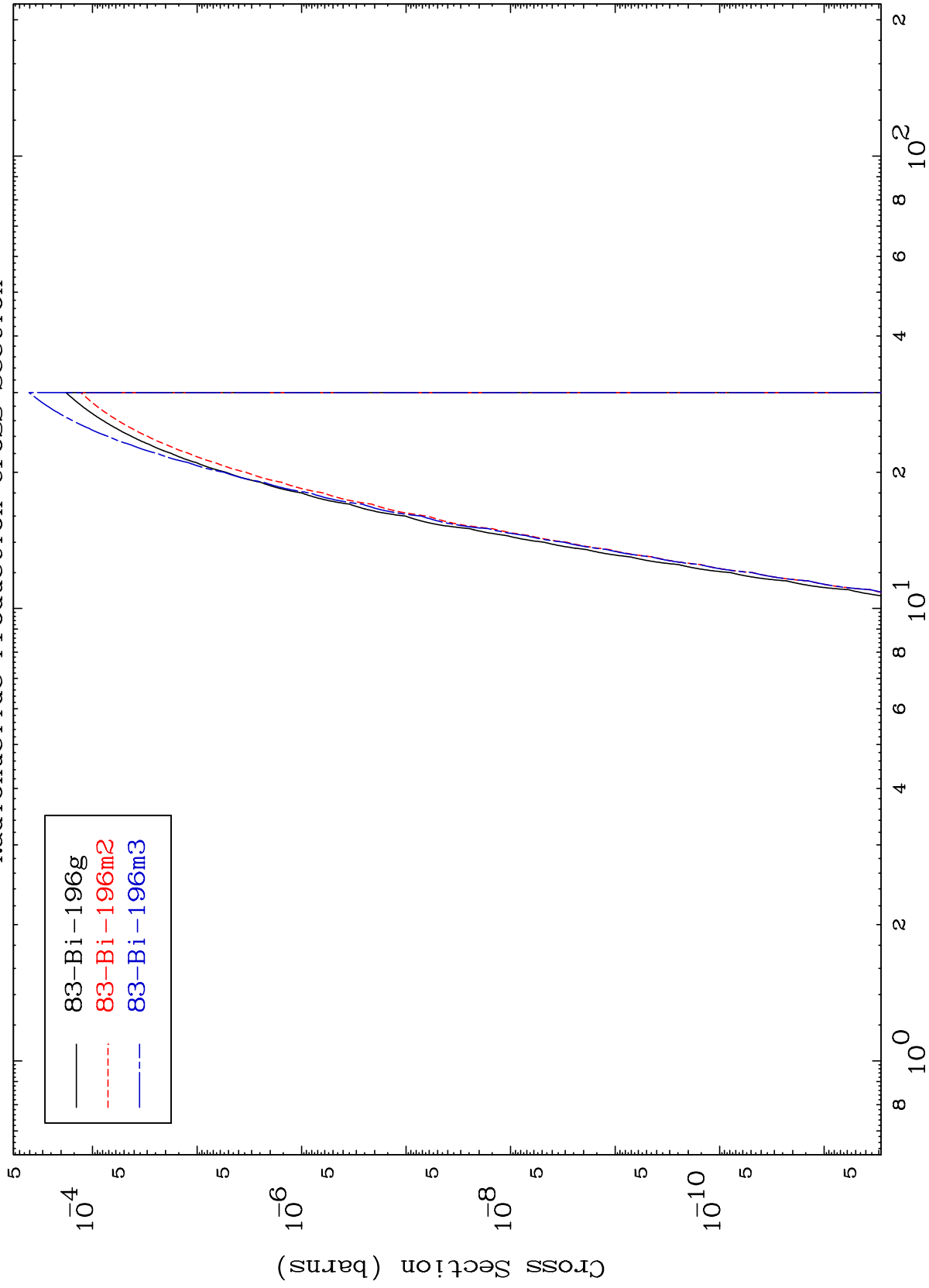
85-At-198

MAT 8511

(n,p) d

85-At-198

Radionuclide Production Cross Section



37

Incident Energy (MeV)

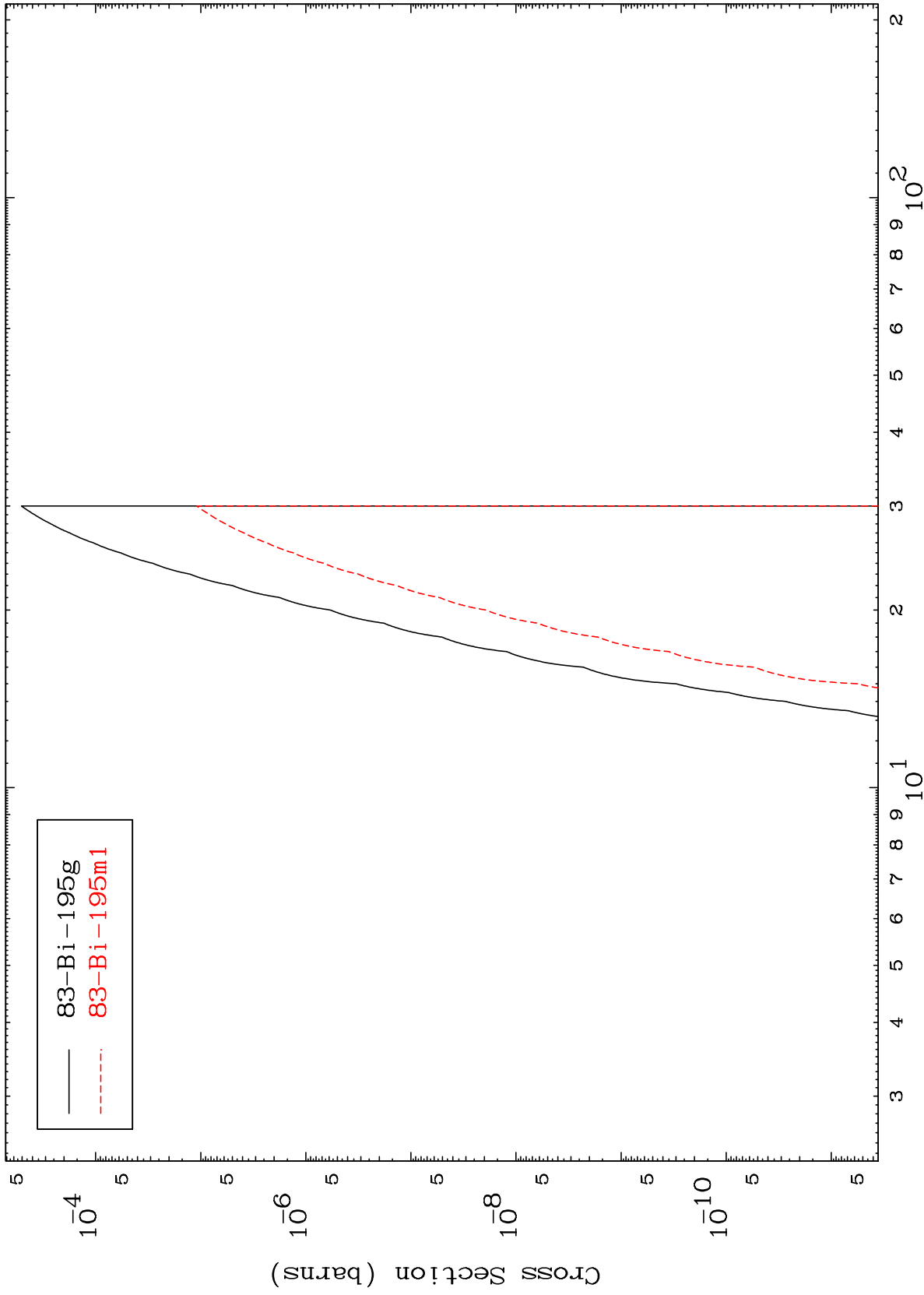
85-At-198

MAT 8511

(n,p) t

85-At-198

Radionuclide Production Cross Section



38

Incident Energy (MeV)

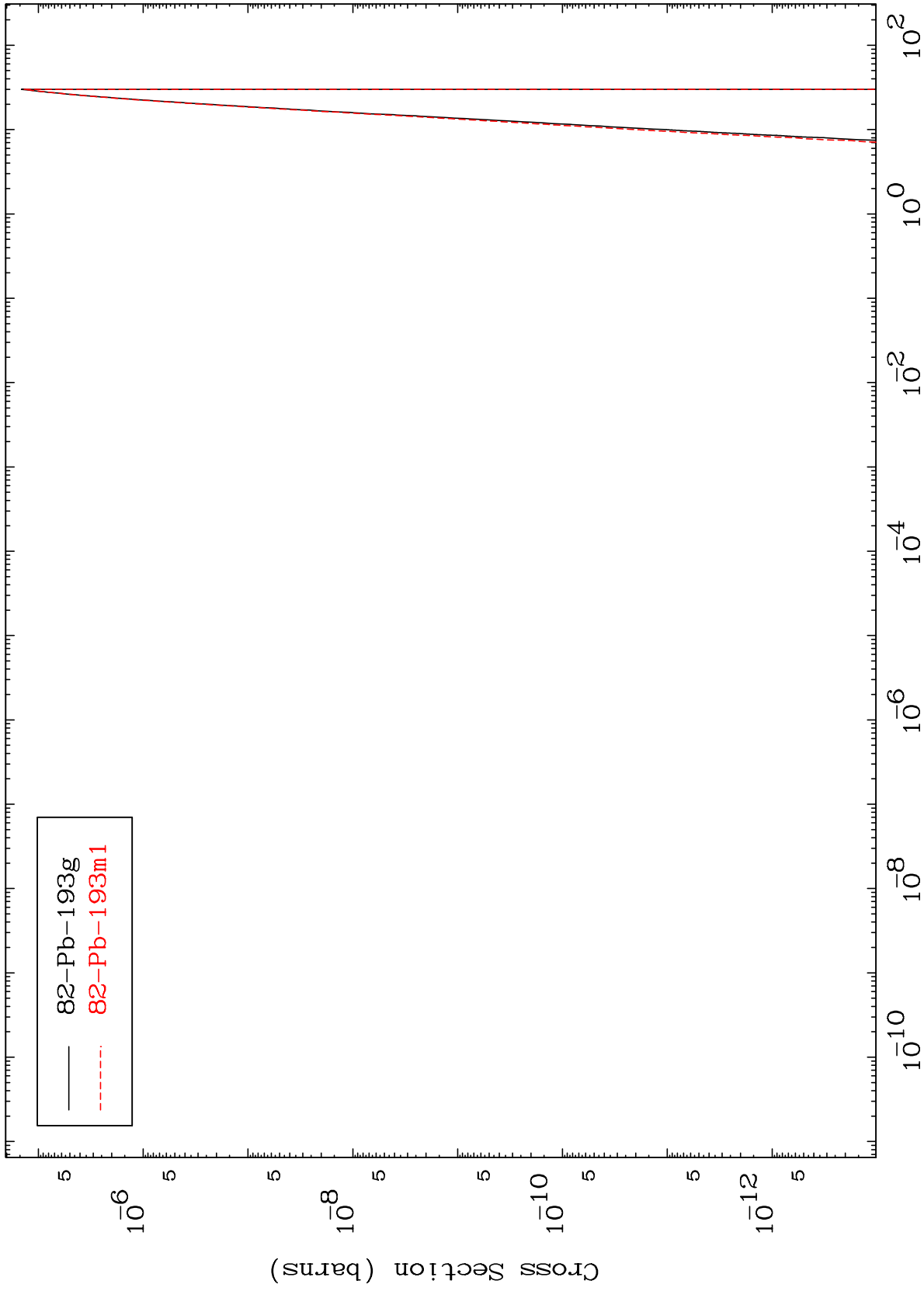
85-At-198

MAT 8511

(n,d)  $\alpha$

85-At-198

Radionuclide Production Cross Section



39

Incident Energy (MeV)

85-At-198