

Program EVALPLOT  
(Version 2015-2)

by

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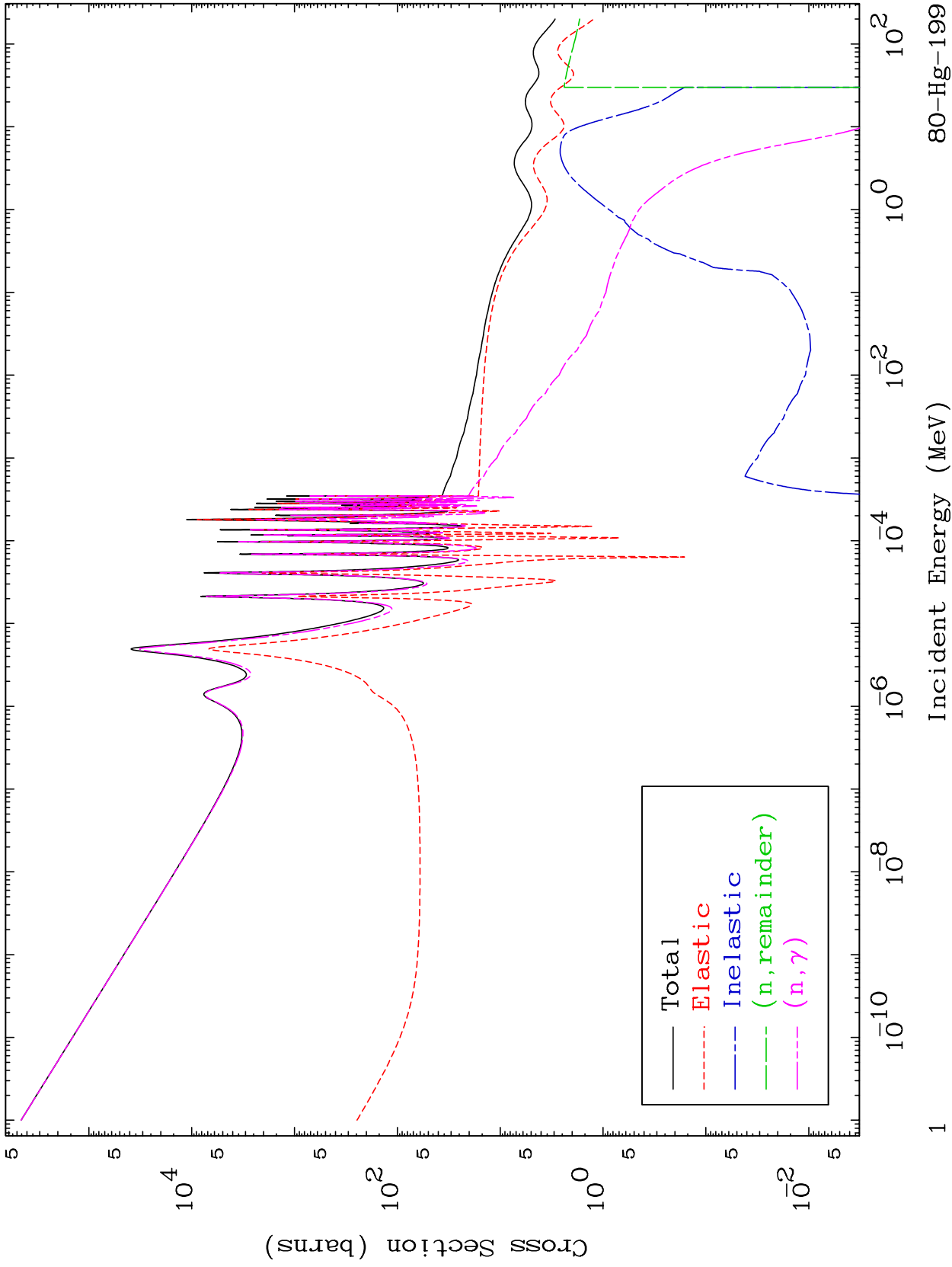
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8035

Major  
293 Kelvin Cross Sections

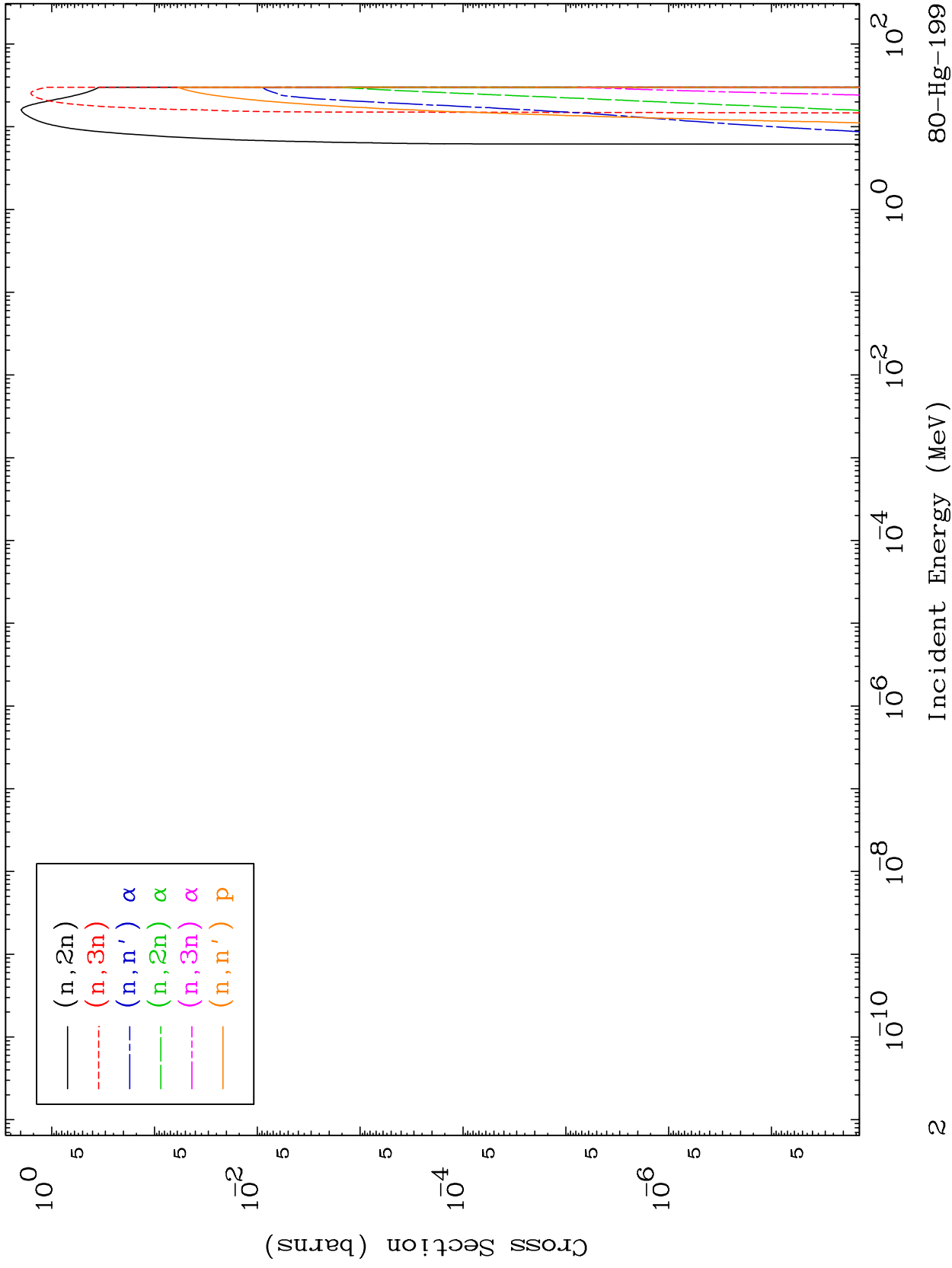
80-Hg-199

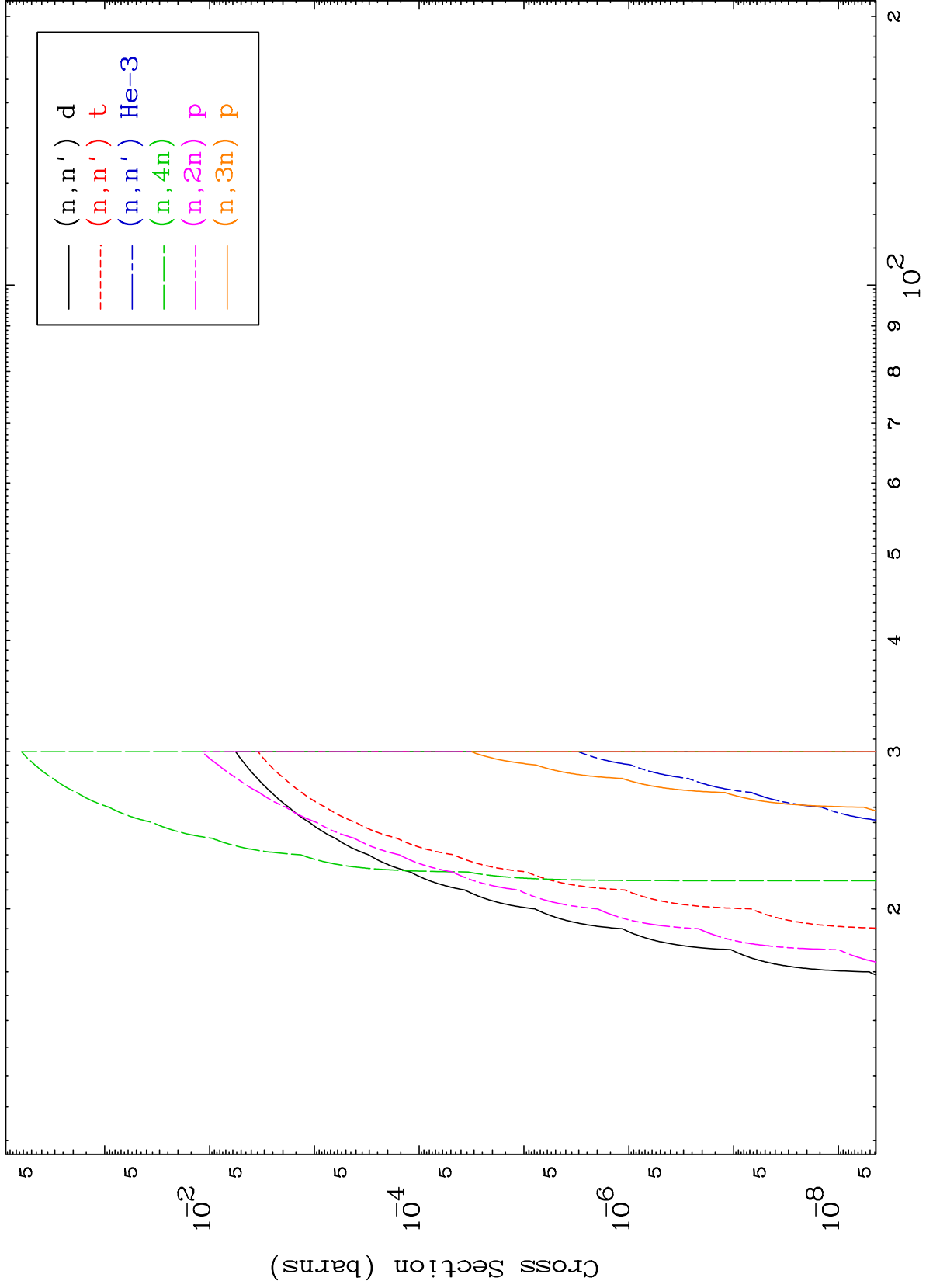


MAT 8035

Neutron Production  
293 Kelvin Cross Sections

80-Hg-199

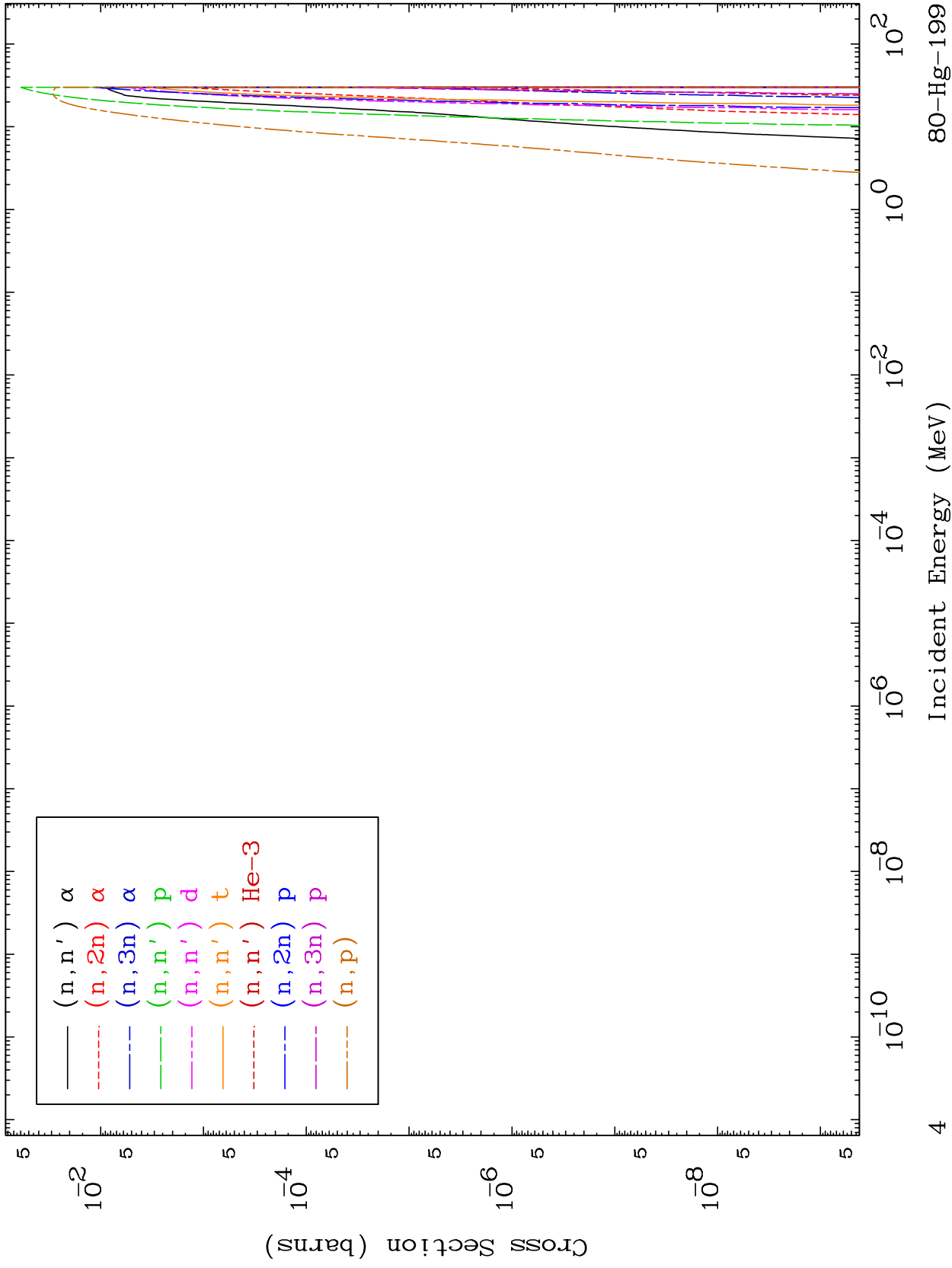




MAT 8035

Charged Particle  
293 Kelvin Cross Sections

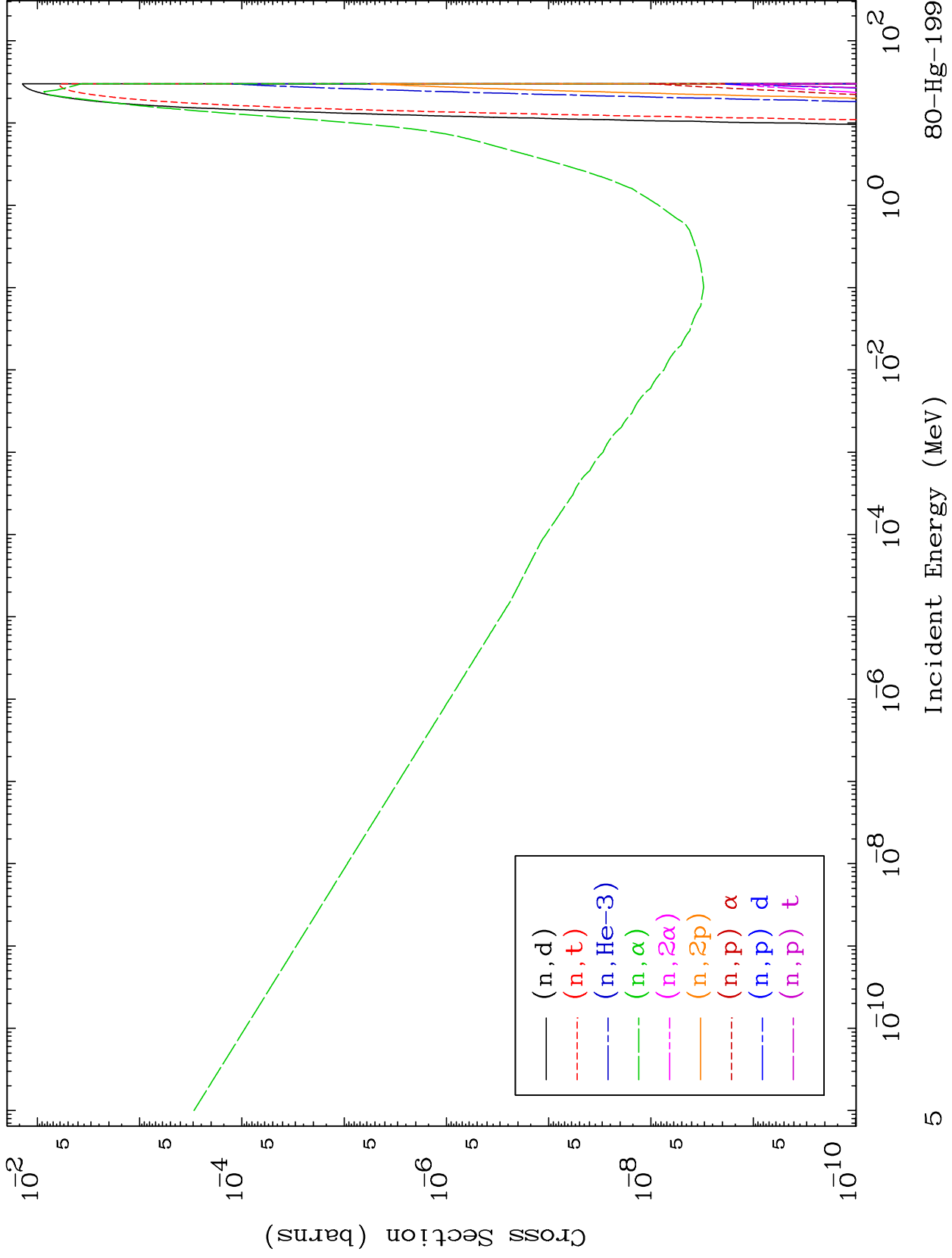
80-Hg-199



MAT 8035

Charged Particle  
293 Kelvin Cross Sections

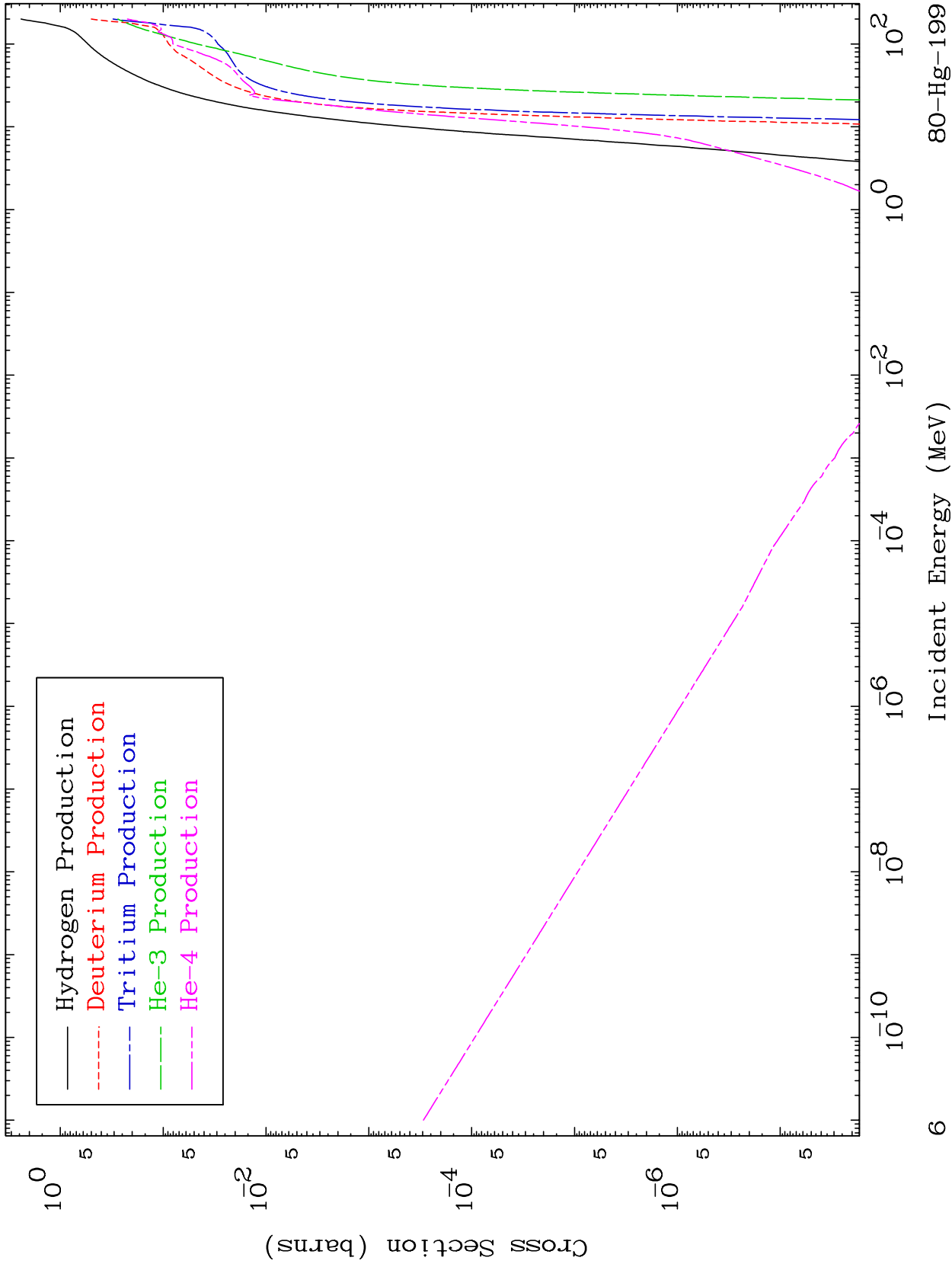
80-Hg-199



MAT 8035

Particle Production  
293 Kelvin Cross Sections

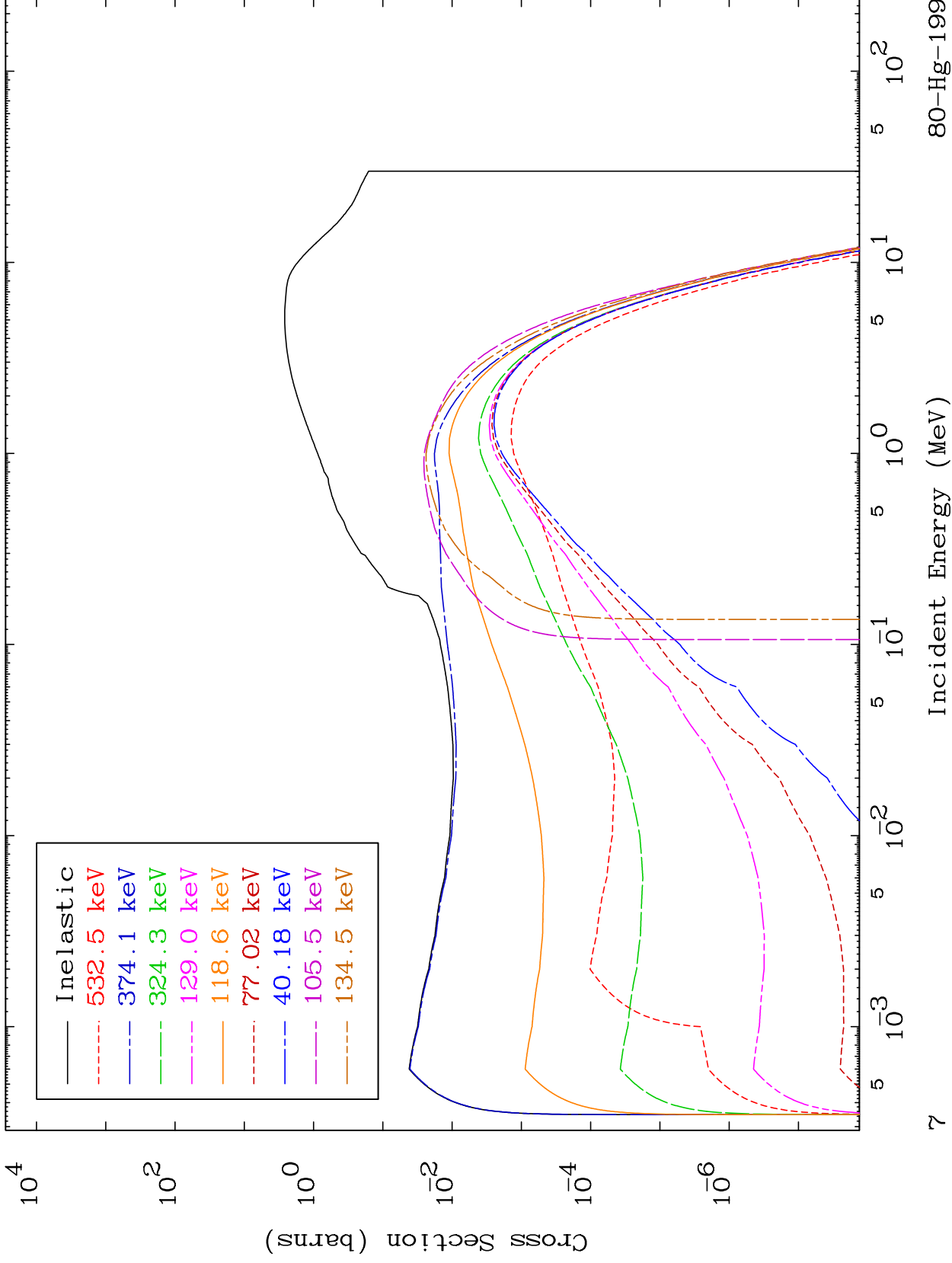
80-Hg-199



MAT 8035

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-199

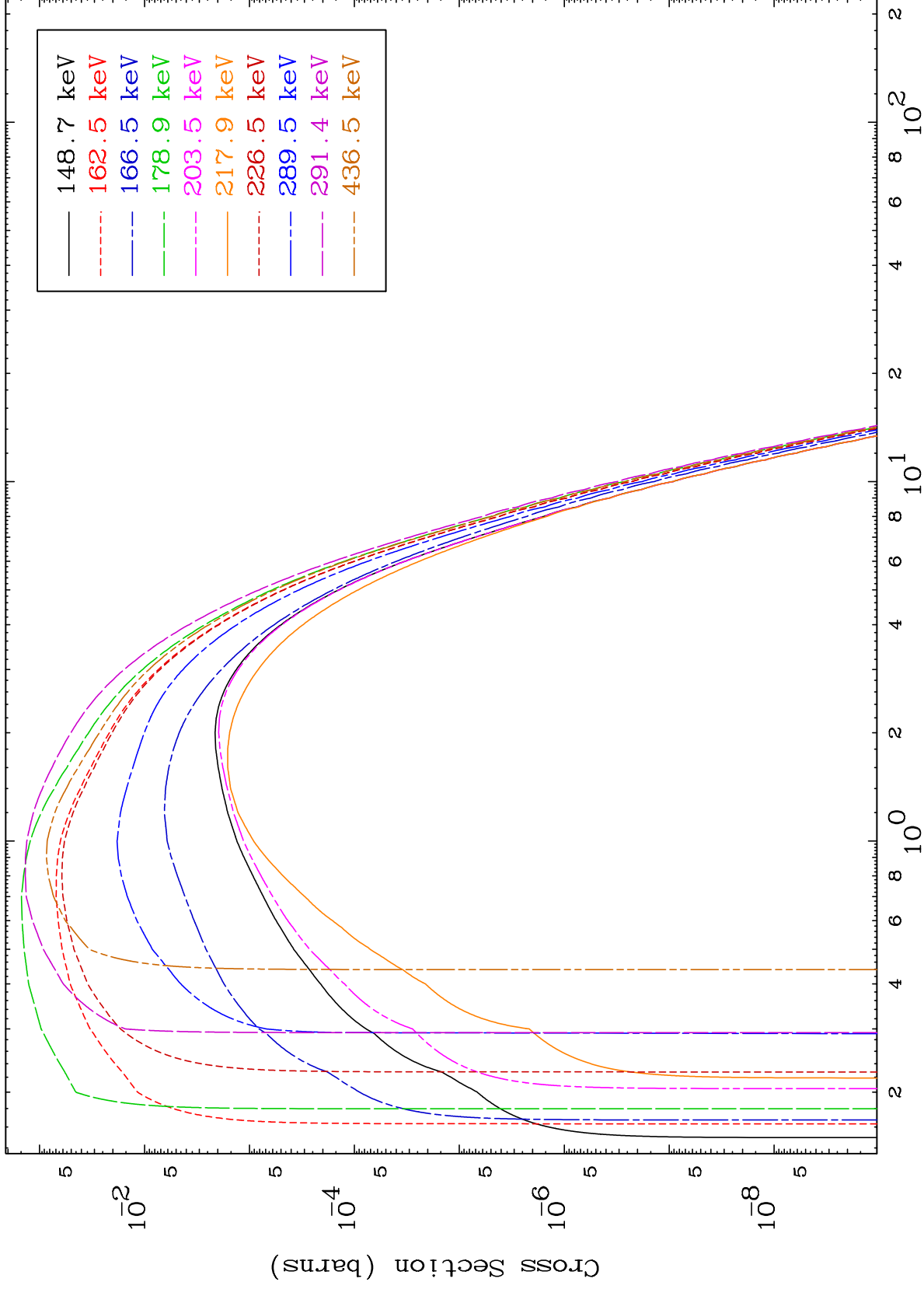




MAT 8035

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-199



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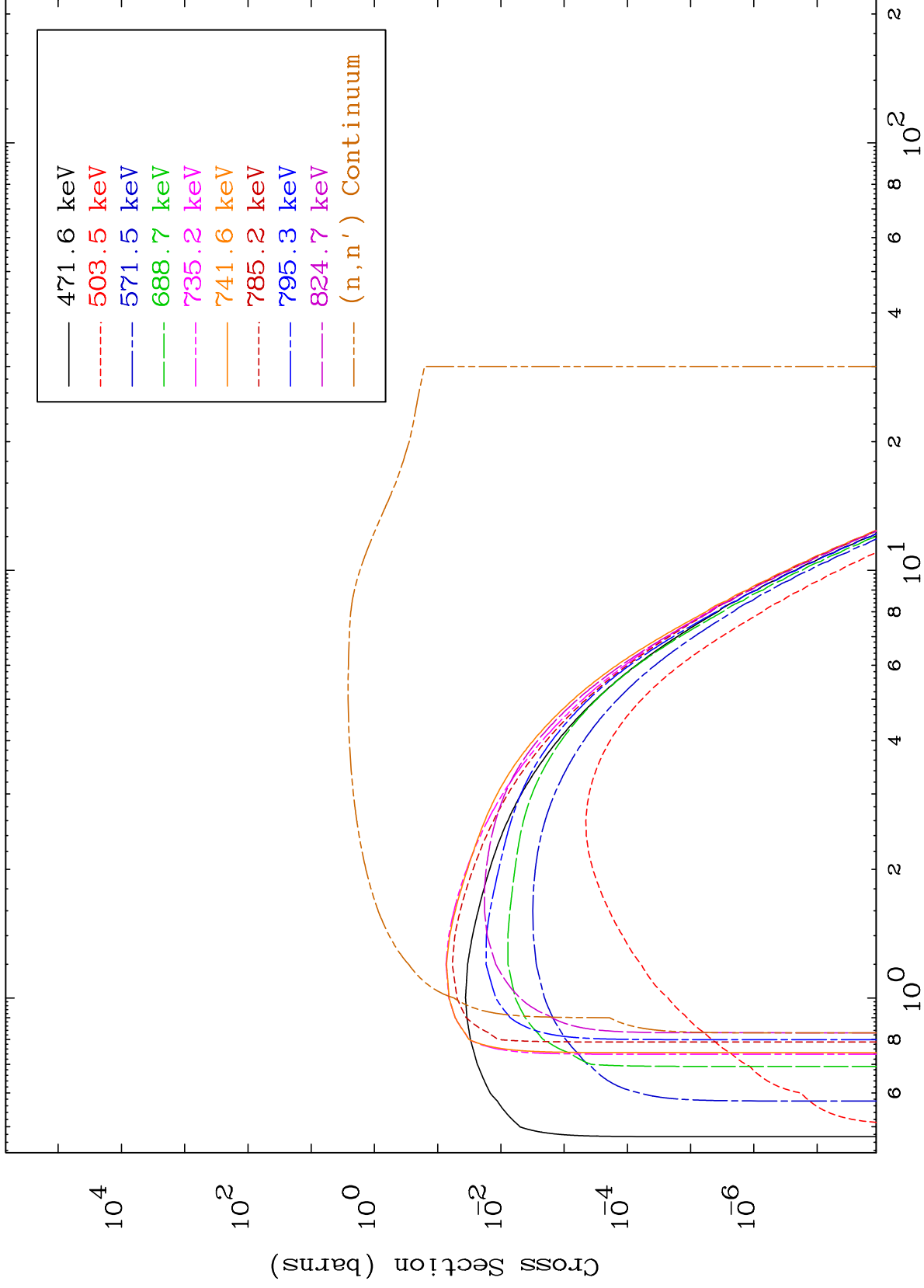
Incident Energy (MeV)

80-Hg-199

MAT 8035

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-199



9

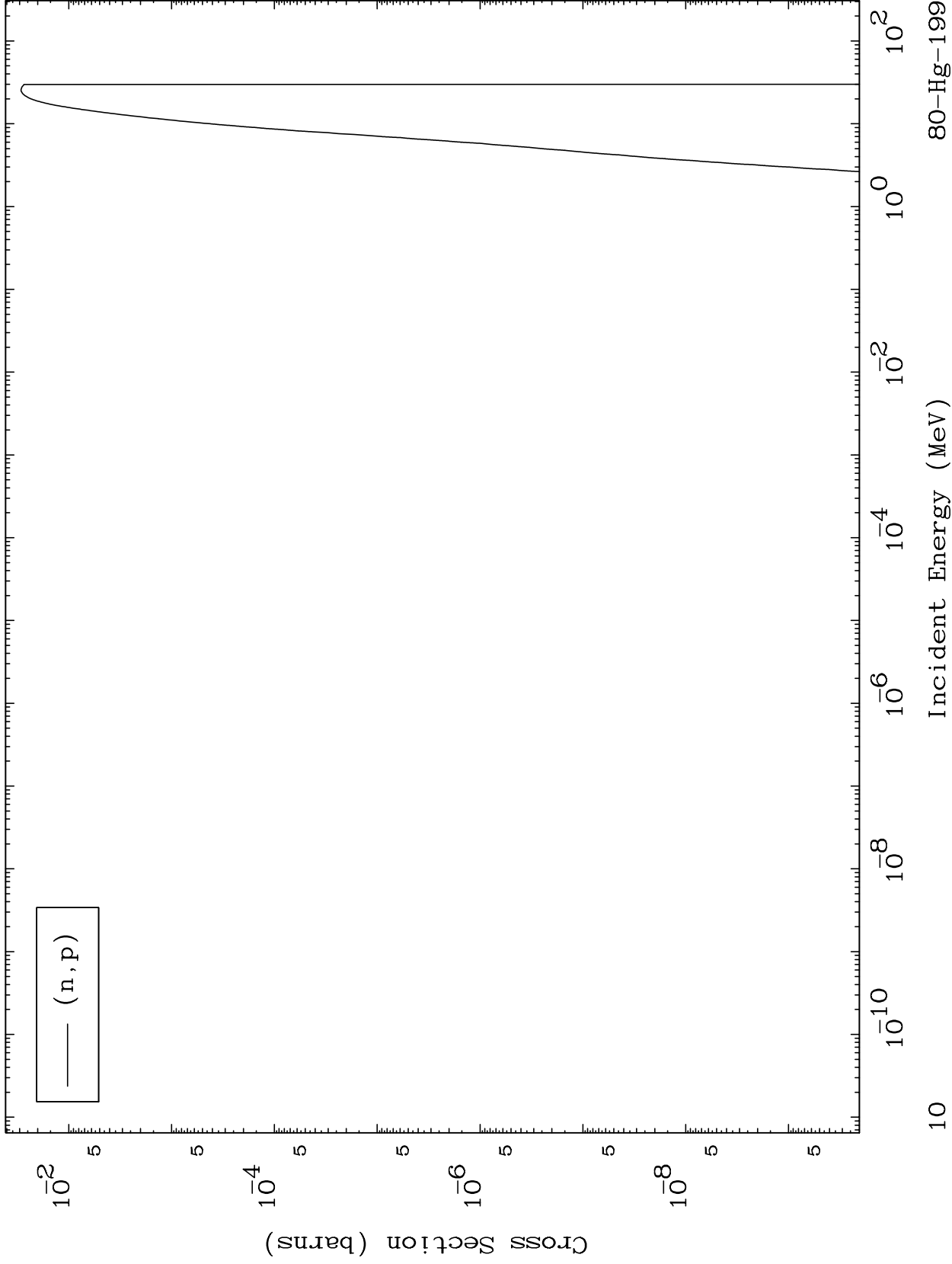
Incident Energy (MeV)

80-Hg-199

MAT 8035

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-199



10

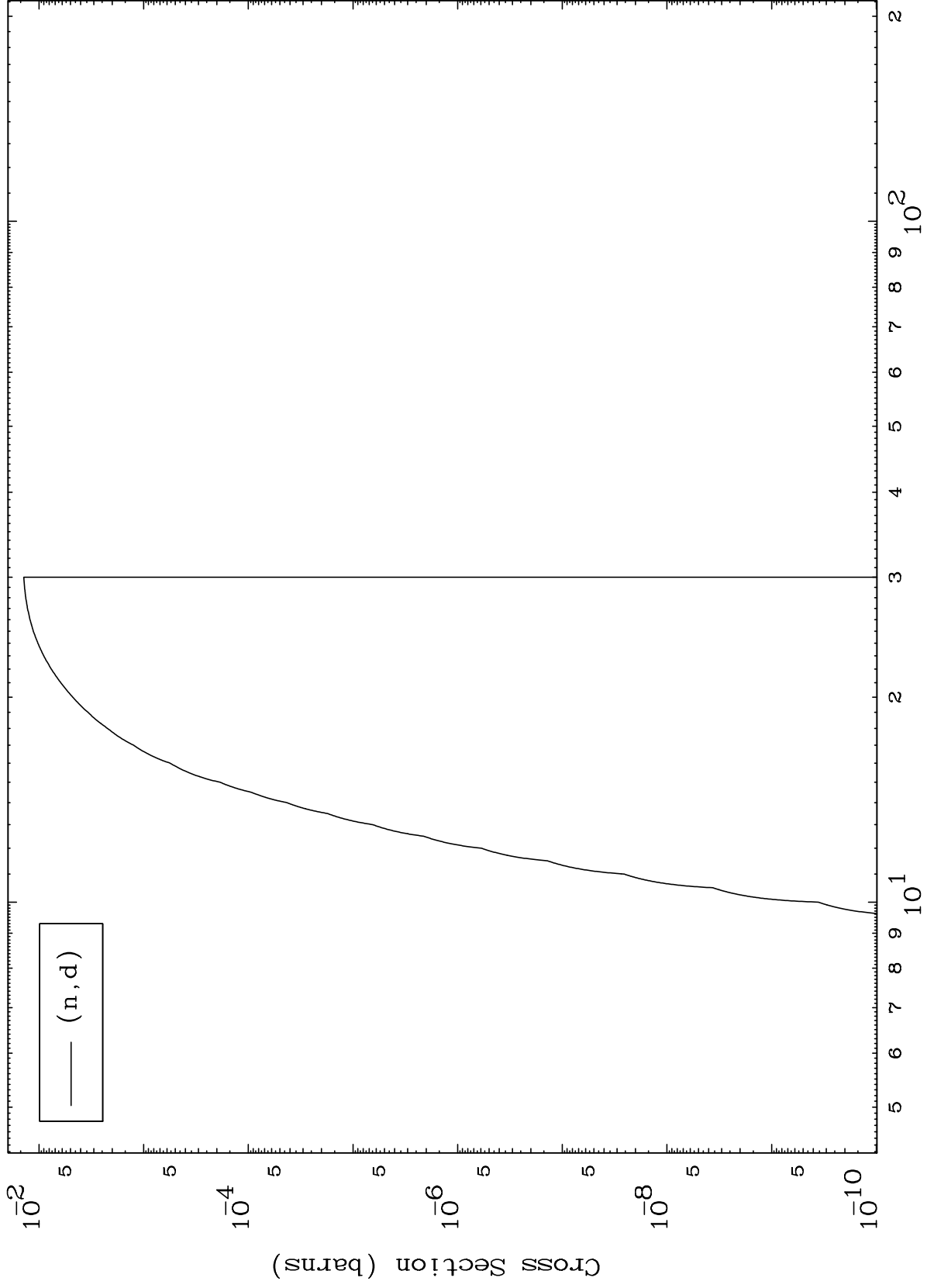
Incident Energy (MeV)

80-Hg-199

MAT 8035

(n,d) Levels  
293 Kelvin Cross Sections

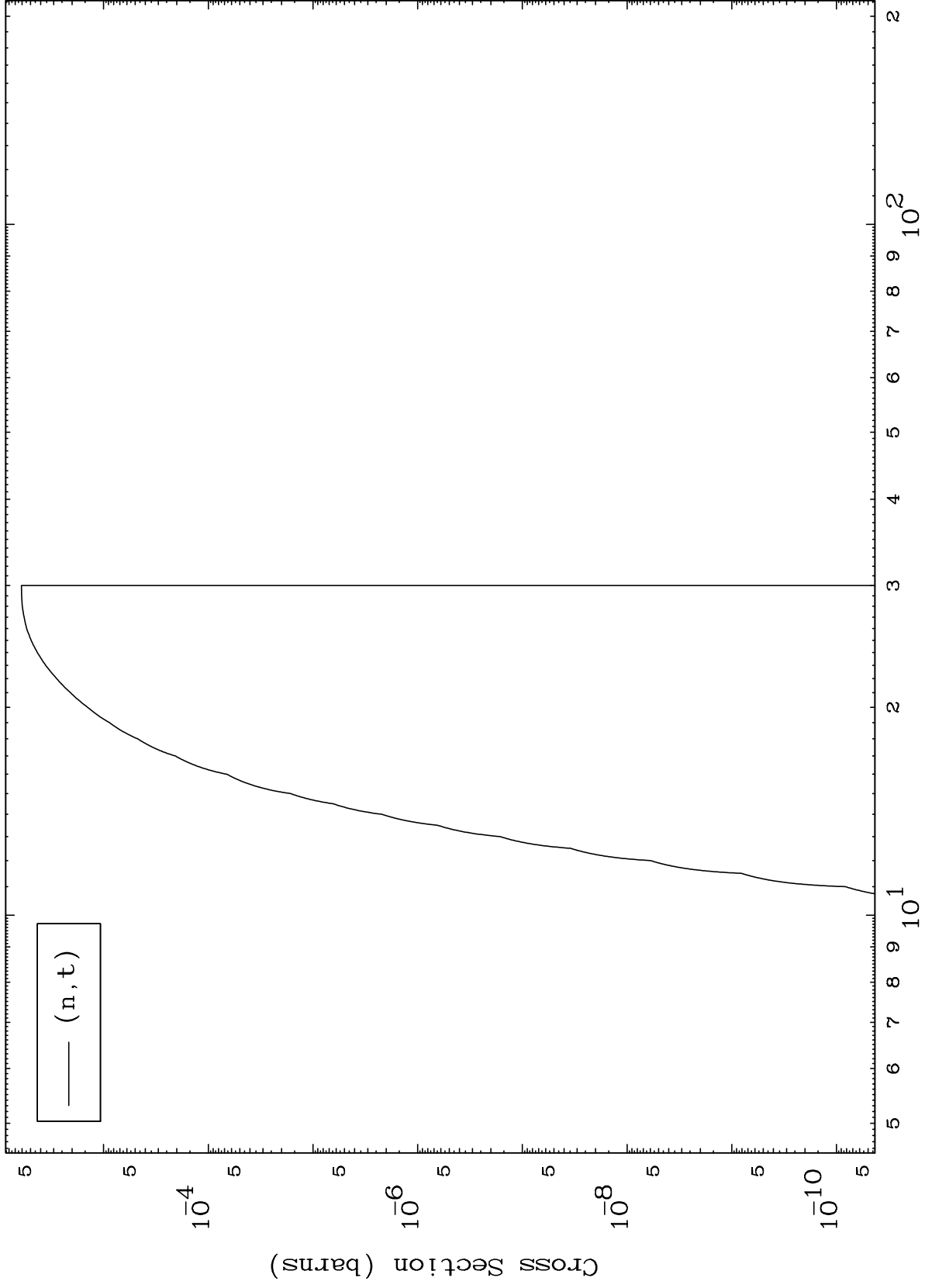
80-Hg-199



MAT 8035

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-199



12

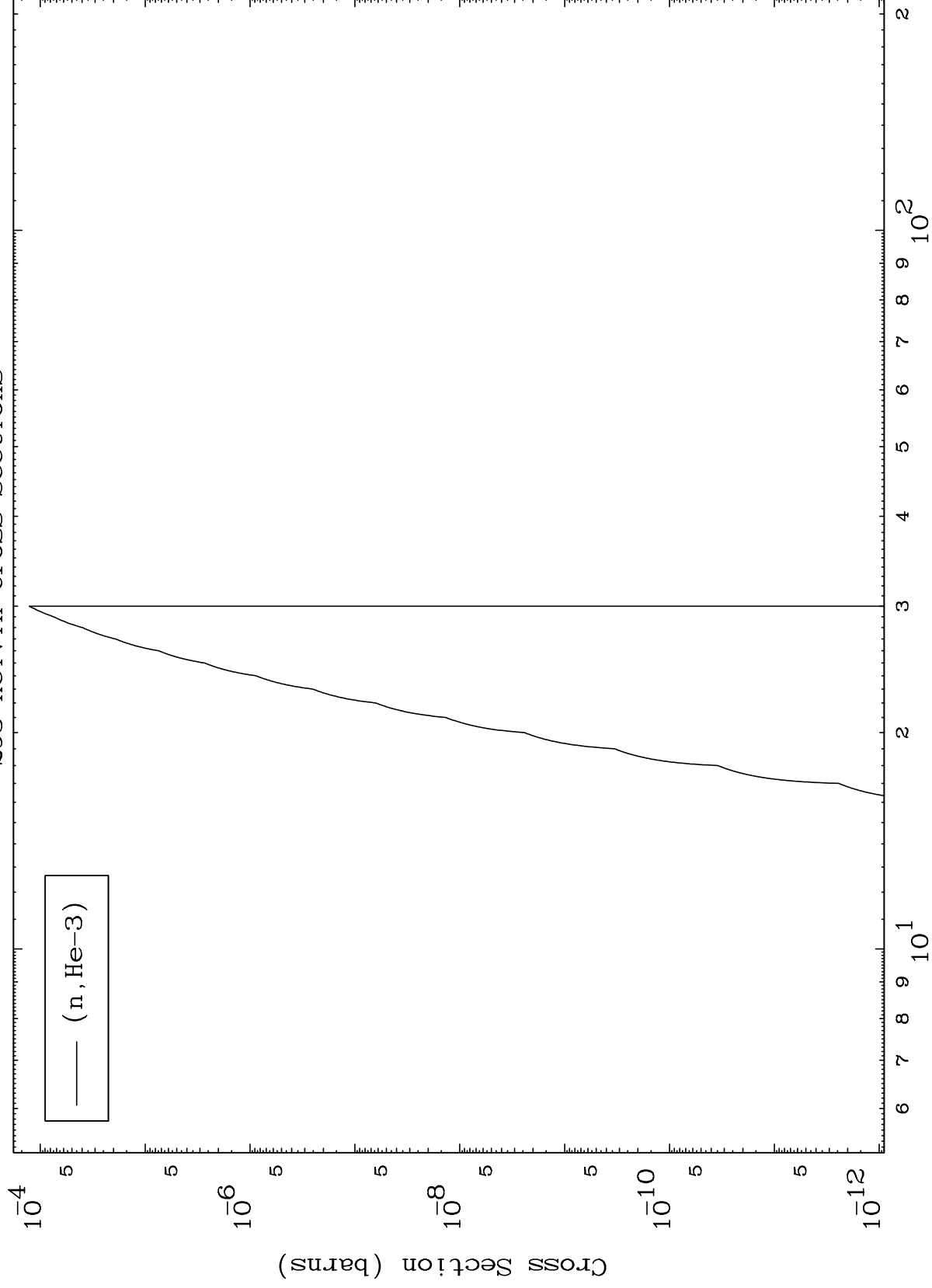
Incident Energy (MeV)

80-Hg-199

MAT 8035

(n,He3) Levels  
293 Kelvin Cross Sections

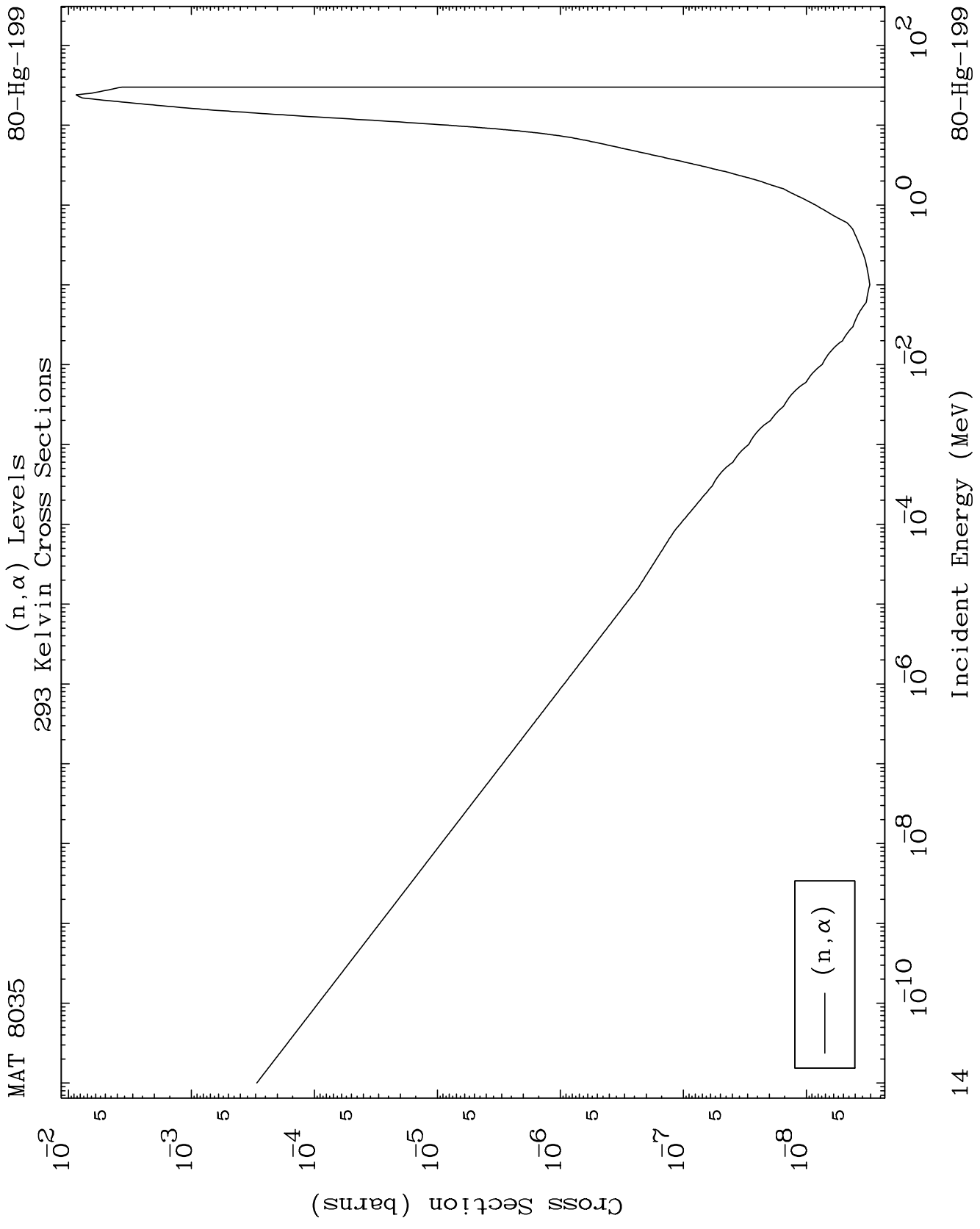
80-Hg-199

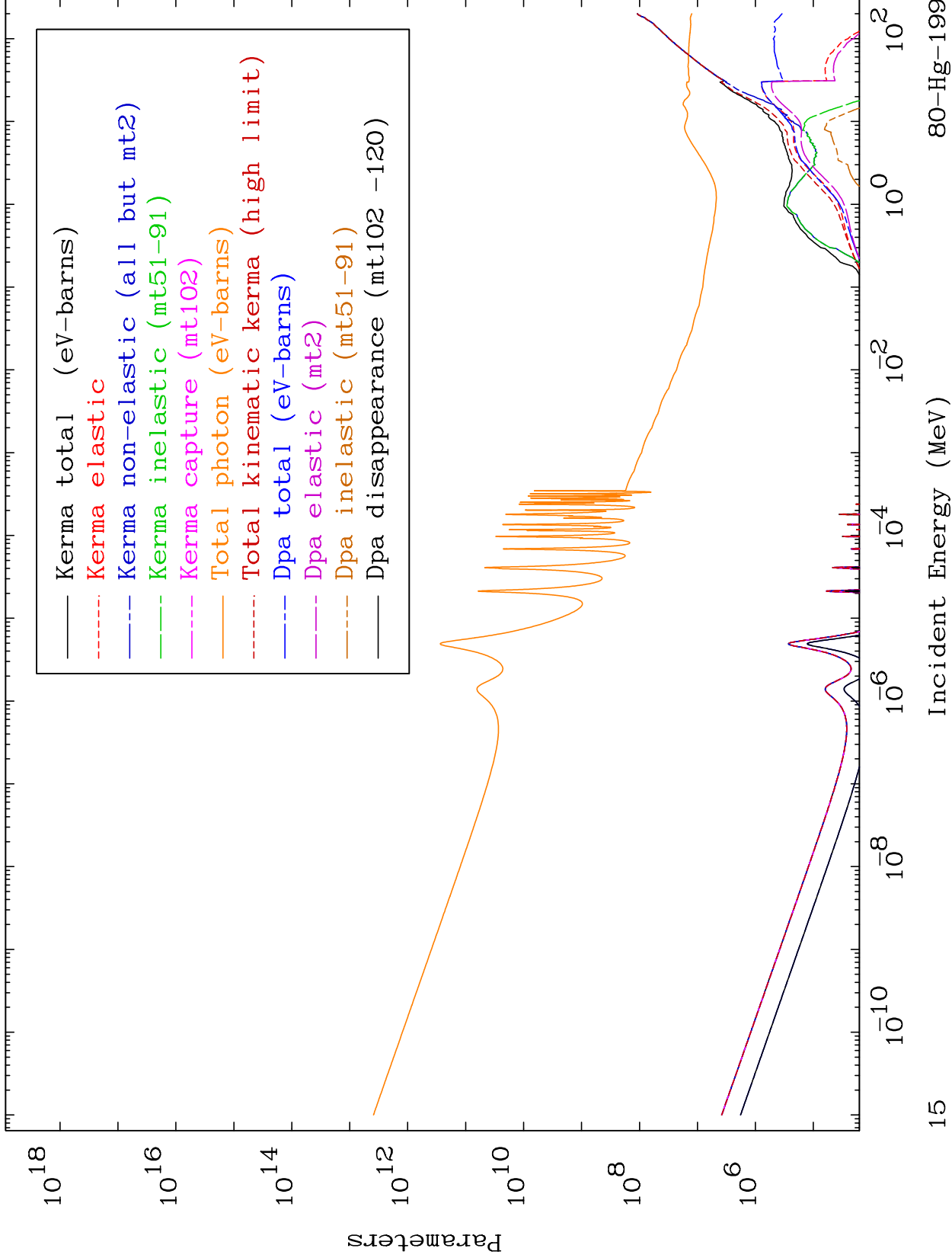


13

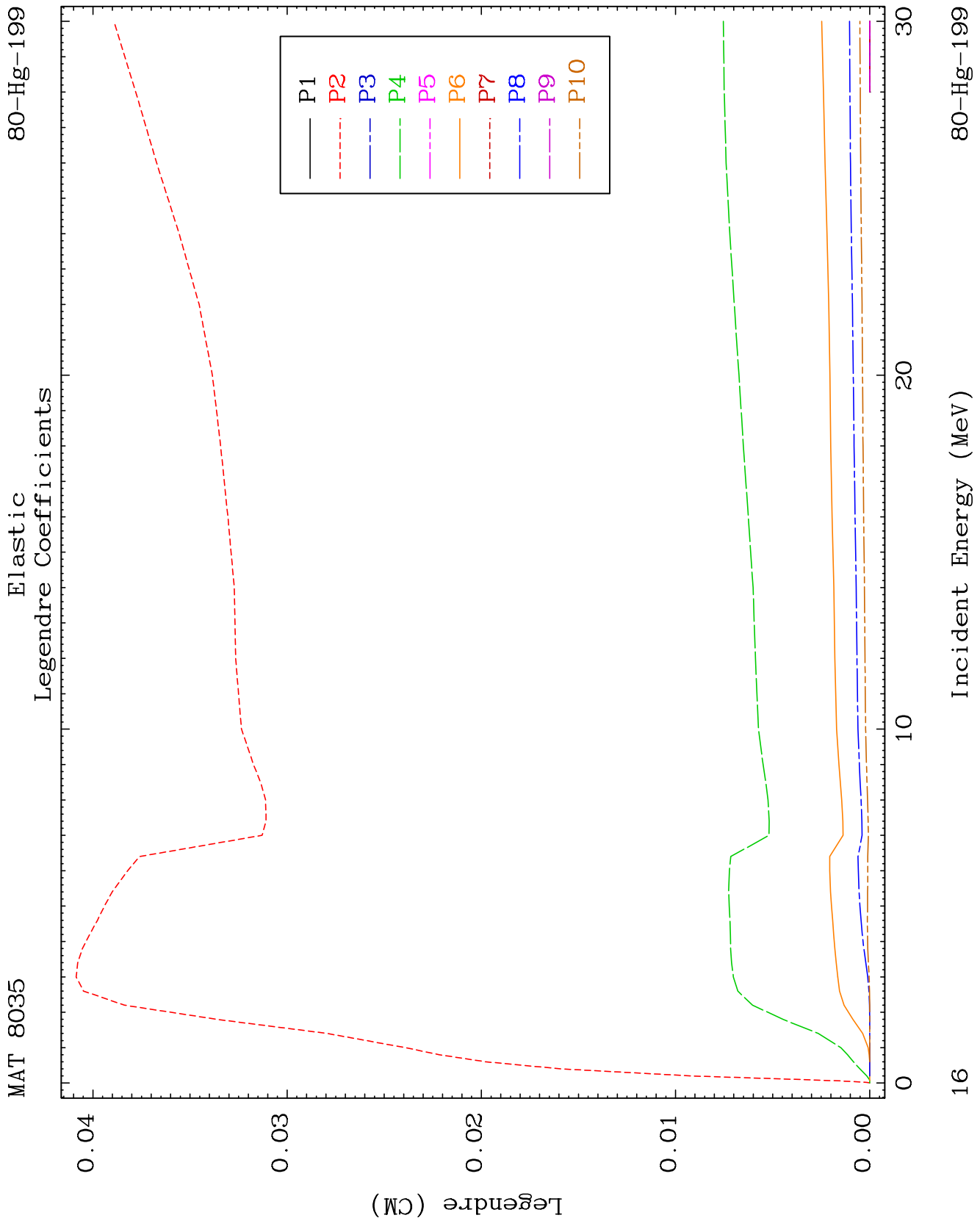
Incident Energy (MeV)

80-Hg-199





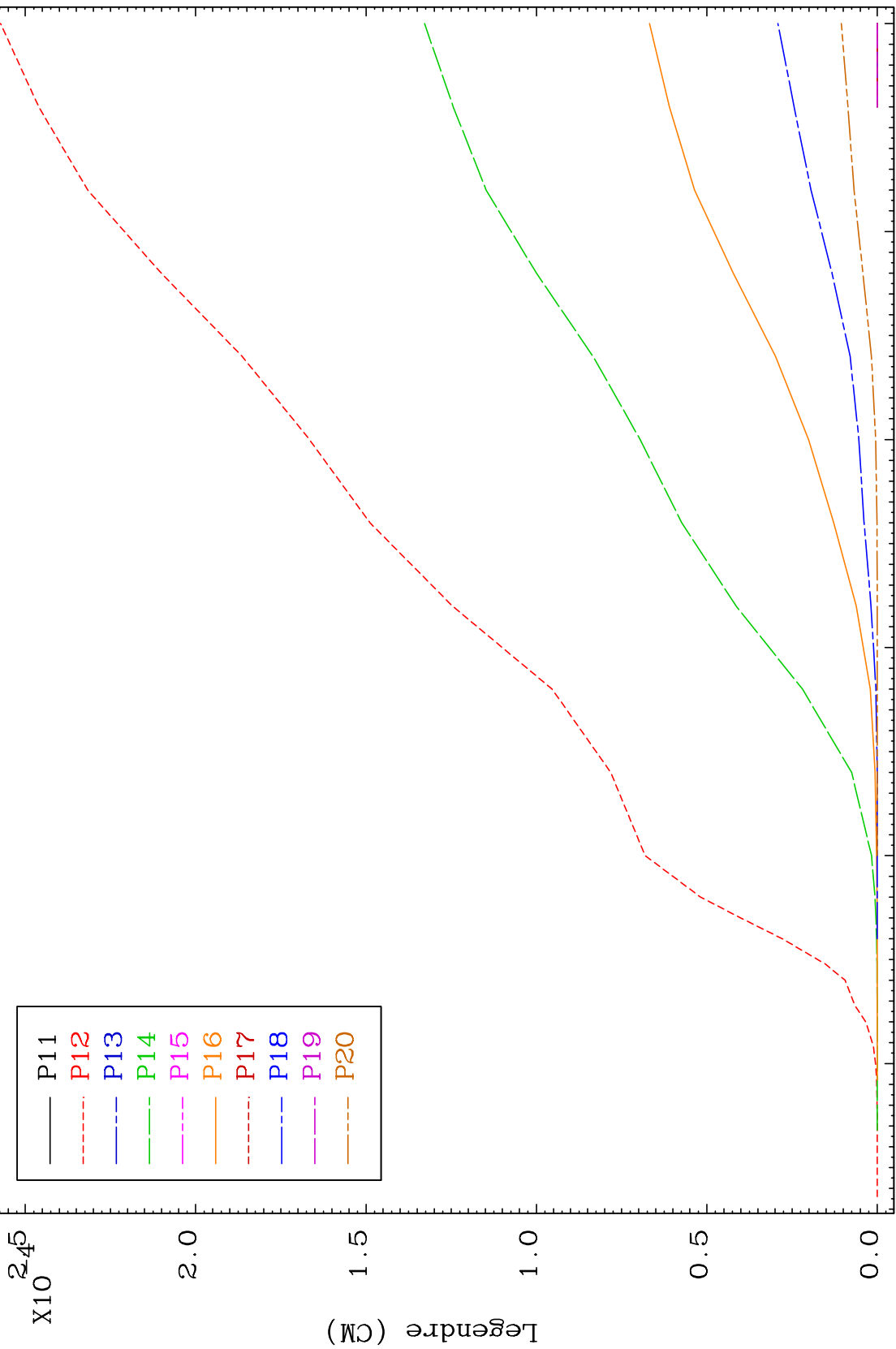




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Elastic Legendre Coefficients

80-Hg-199



17

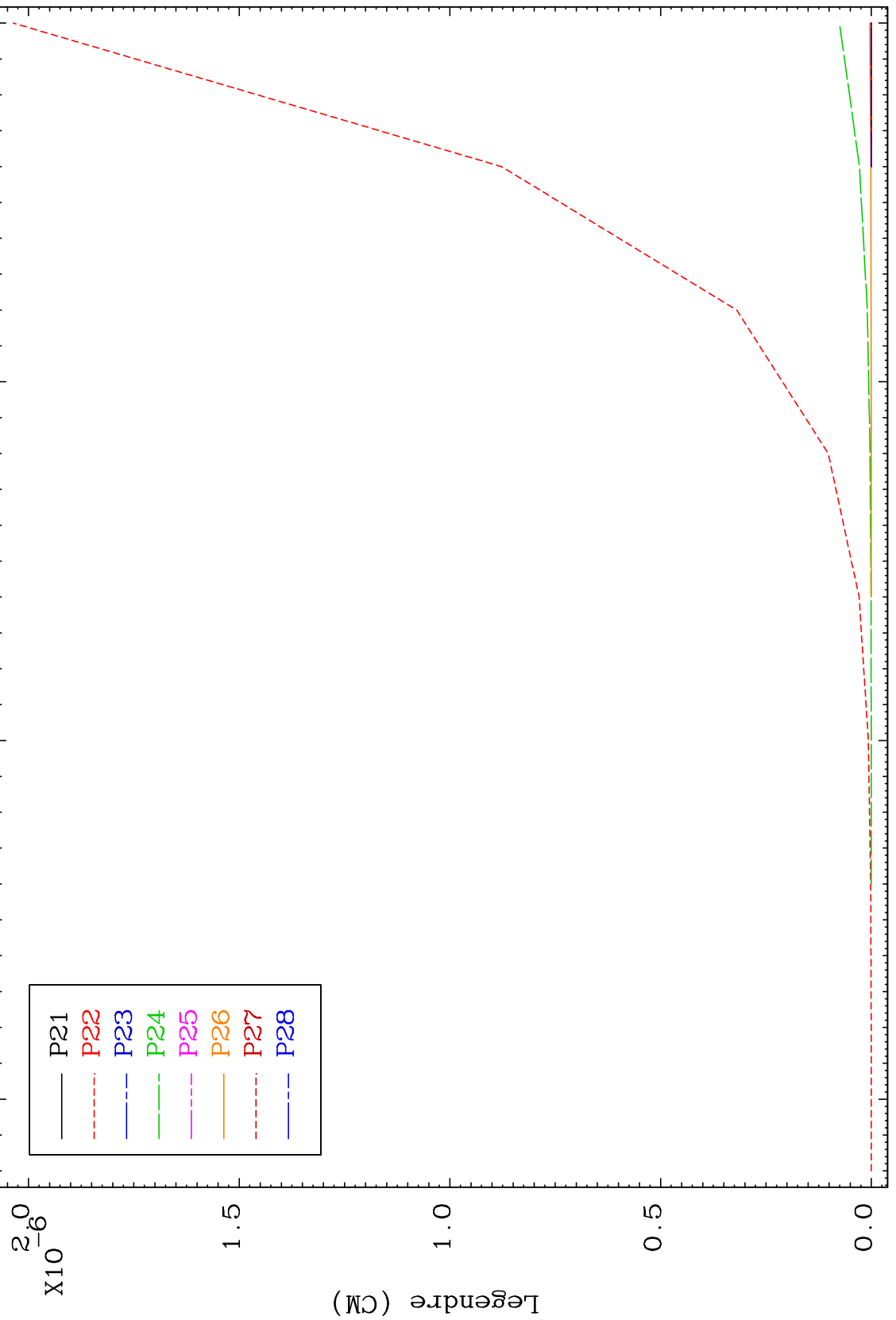
80-Hg-199

Incident Energy (MeV)

MAT 8035

Elastic Legendre Coefficients

80-Hg-199



18

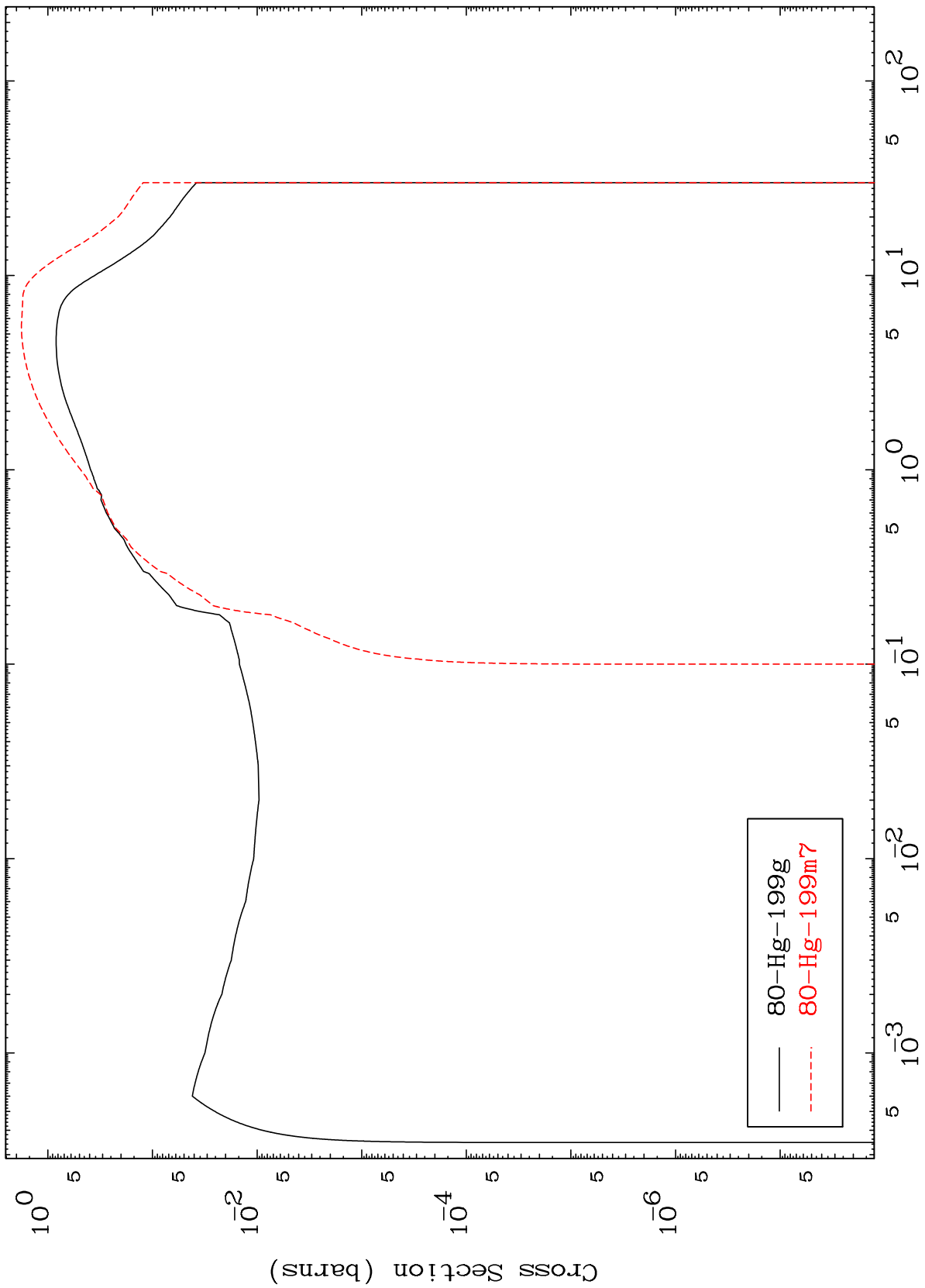
Incident Energy (MeV)

80-Hg-199

MAT 8035

80-Hg-199

Inelastic  
Radionuclide Production Cross Section

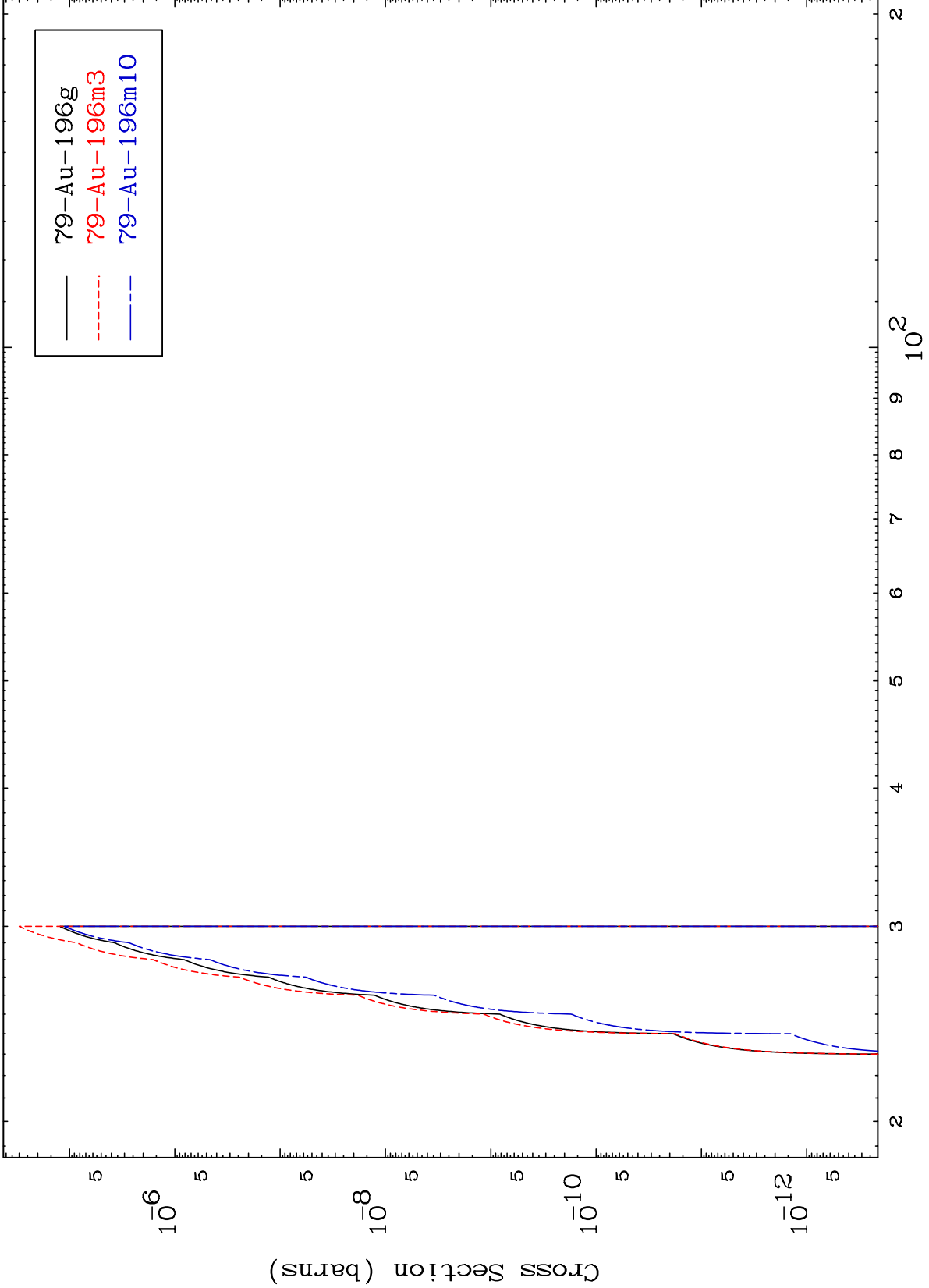


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(n,2n) d

80-Hg-199

Radionuclide Production Cross Section



79-Au-196g  
79-Au-196m3  
79-Au-196m10

20

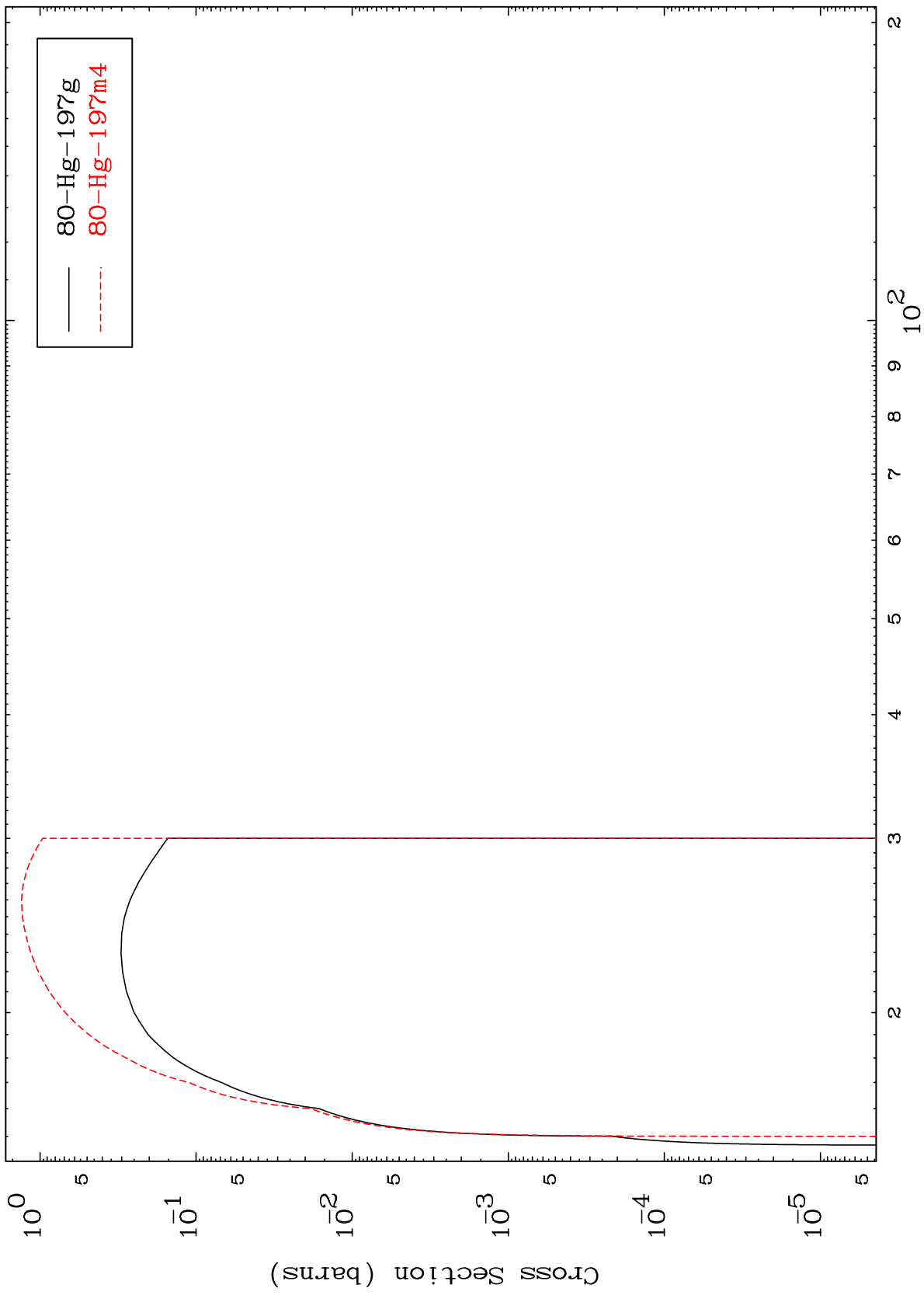
Incident Energy (MeV)

80-Hg-199

MAT 8035

80-Hg-199

(n,3n)  
Radionuclide Production Cross Section



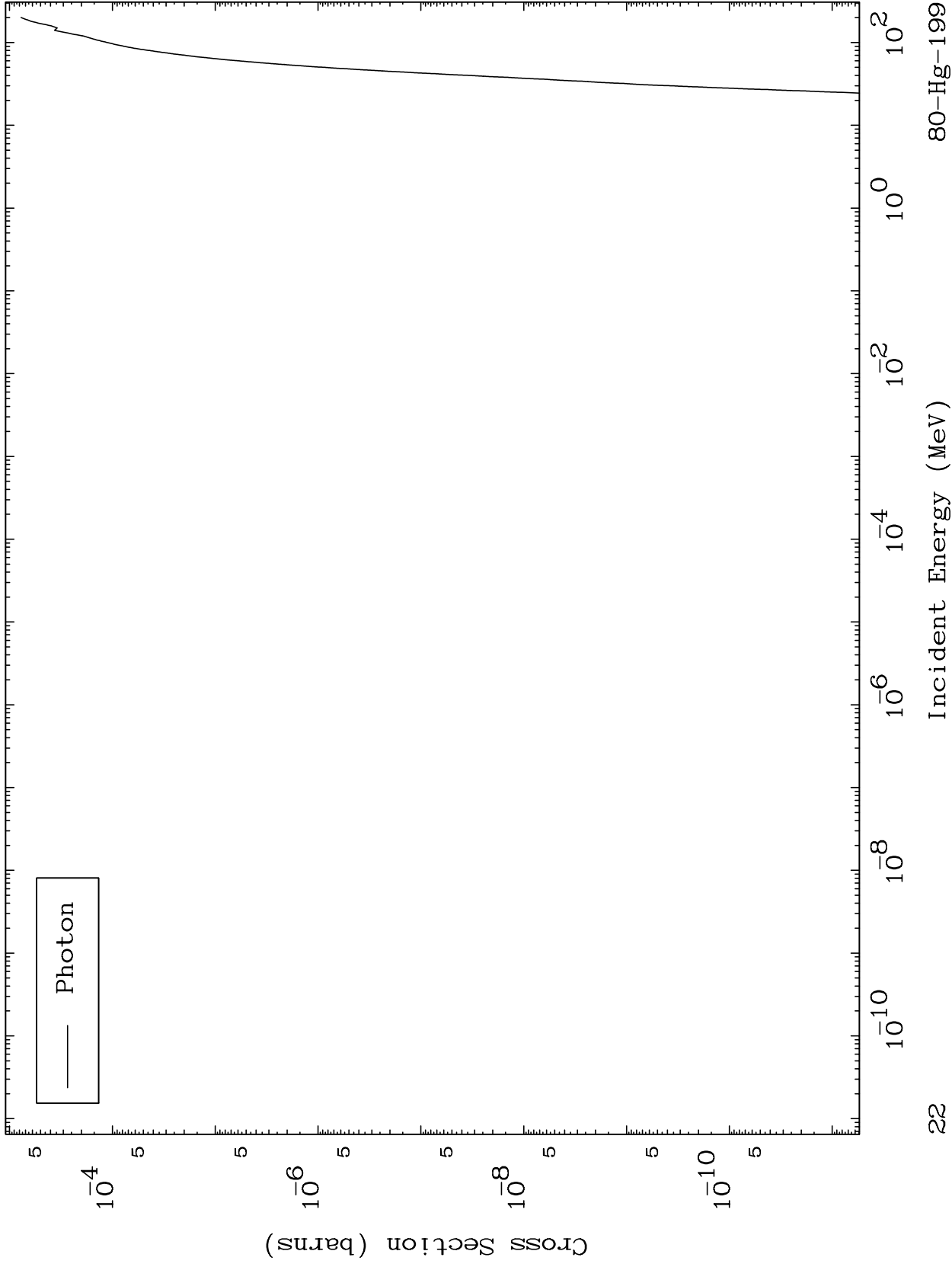
80-Hg-199

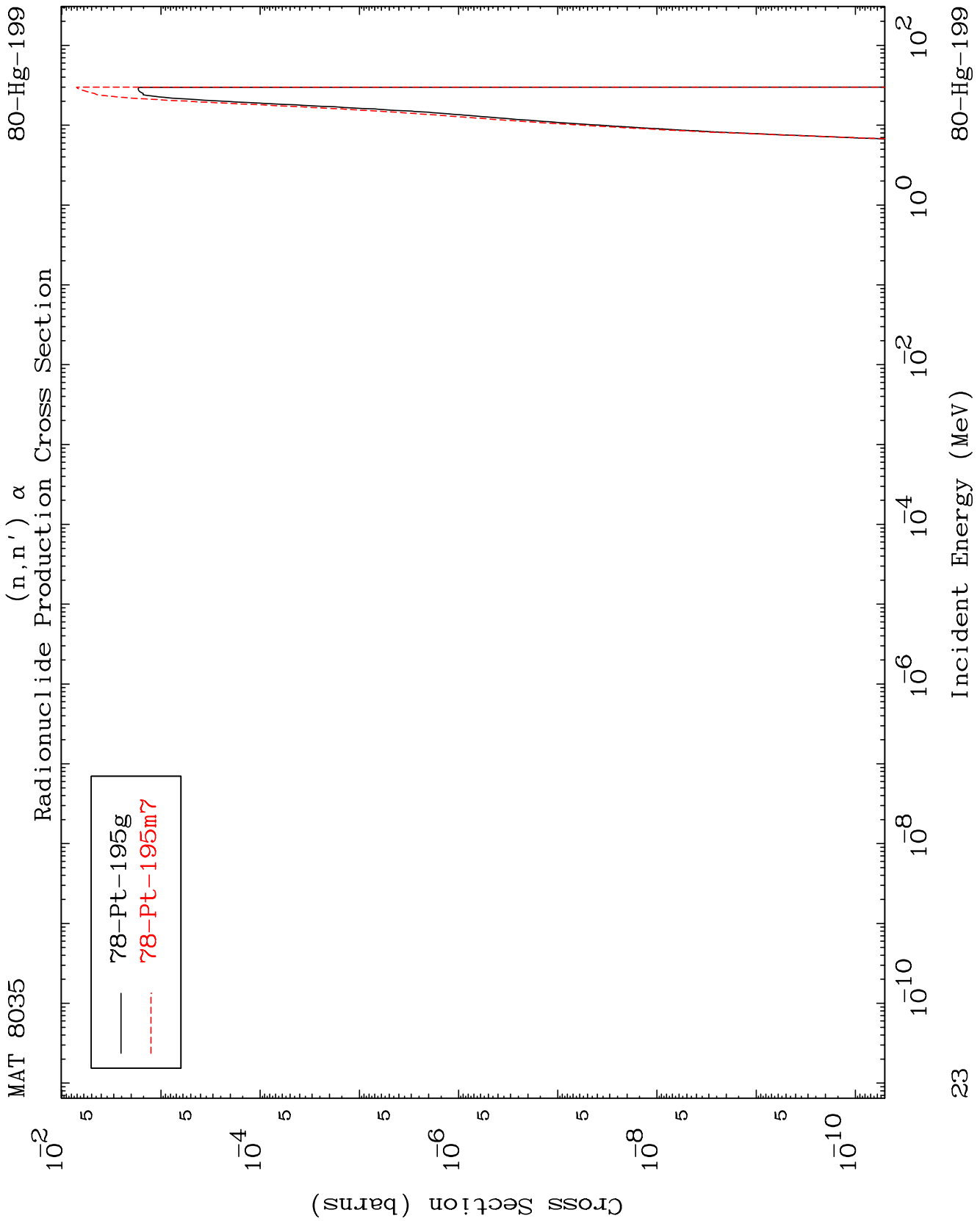
Incident Energy (MeV)

MAT 8035

Fission  
Radionuclide Production Cross Section

80-Hg-199





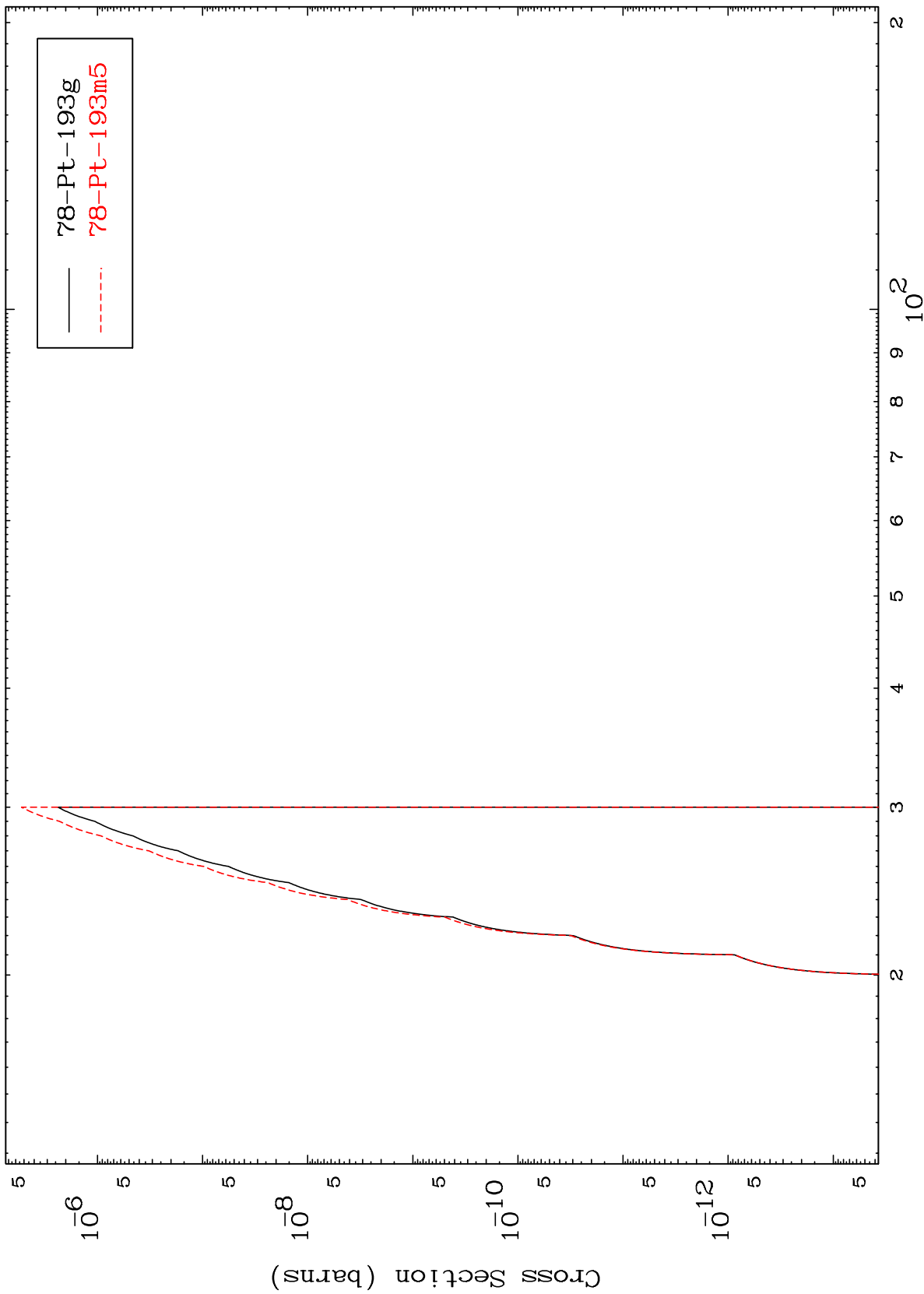


MAT 8035

(n,3n)  $\alpha$

80-Hg-199

Radionuclide Production Cross Section

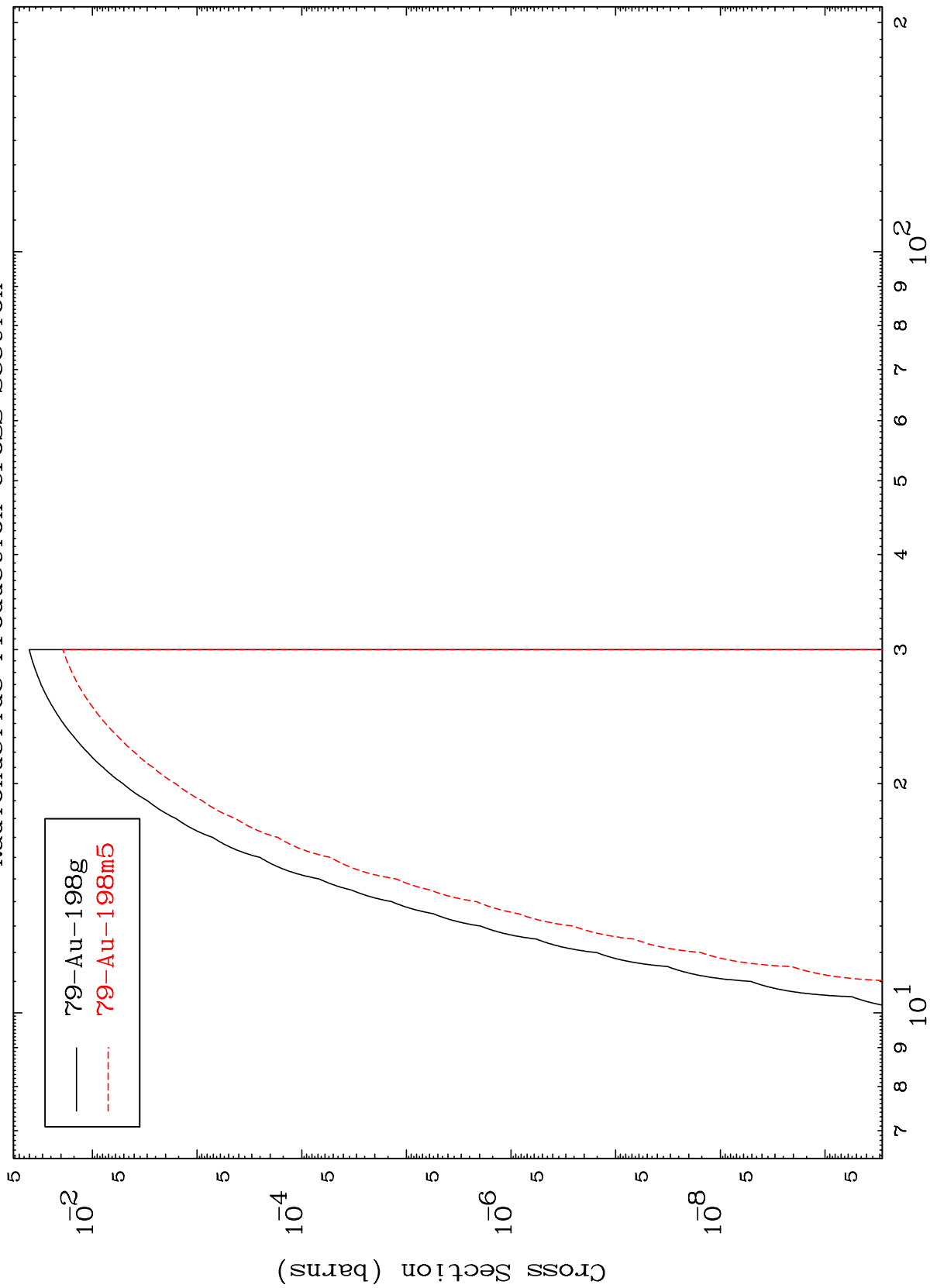


MAT 8035

(n,n') p

80-Hg-199

Radionuclide Production Cross Section



25

Incident Energy (MeV)

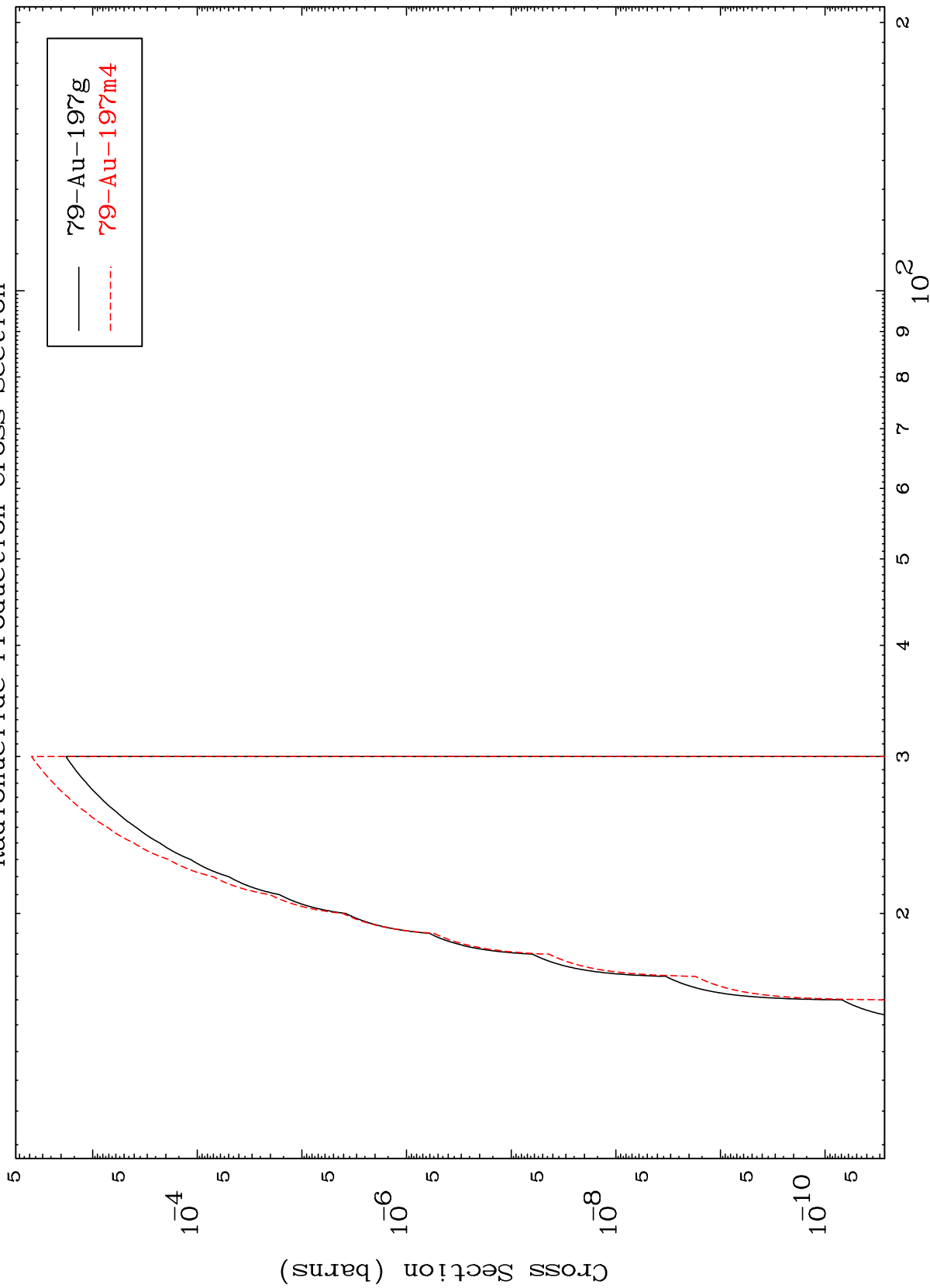
80-Hg-199

MAT 8035

(n,n') d

80-Hg-199

Radionuclide Production Cross Section



26

Incident Energy (MeV)

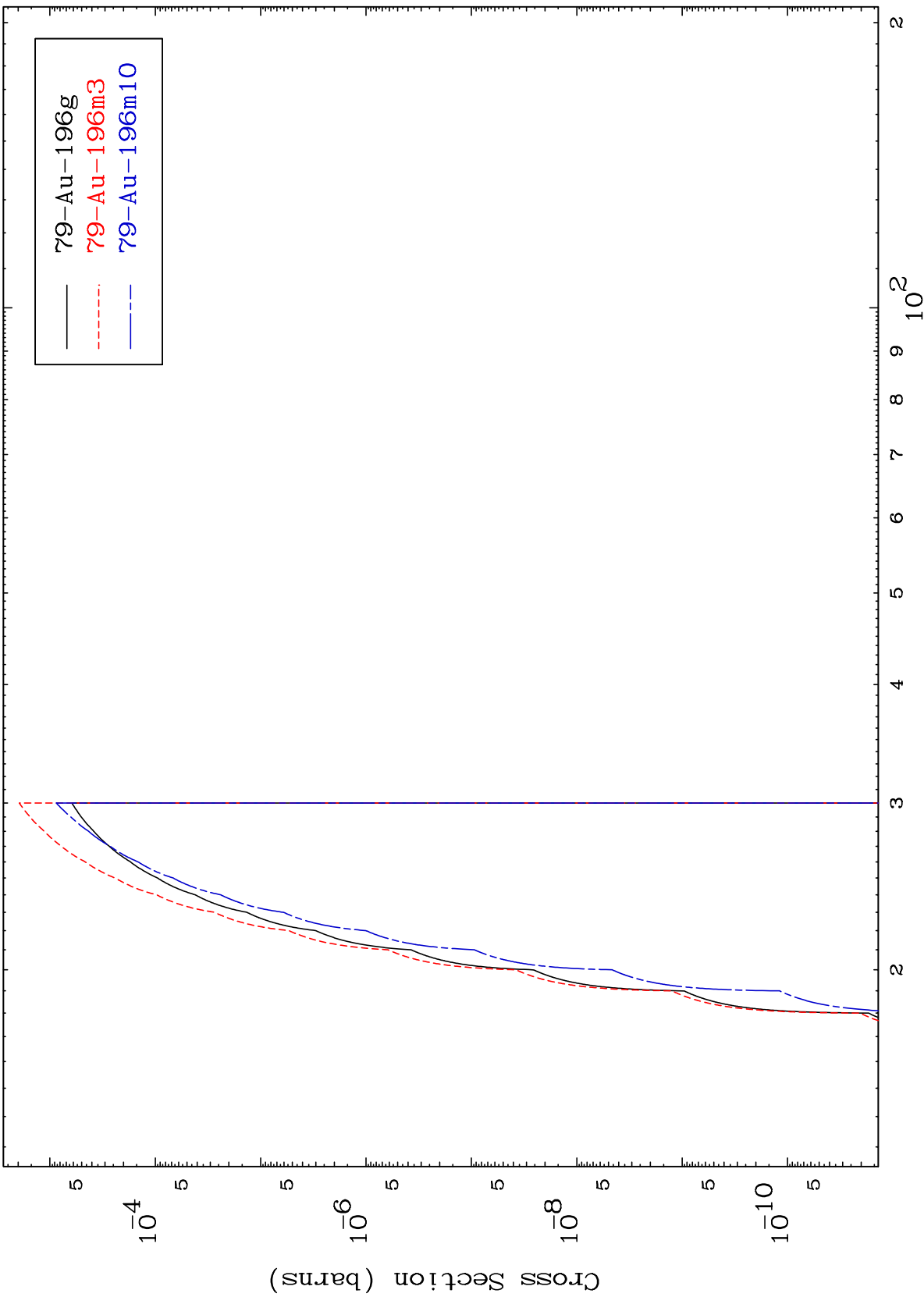
80-Hg-199

MAT 8035

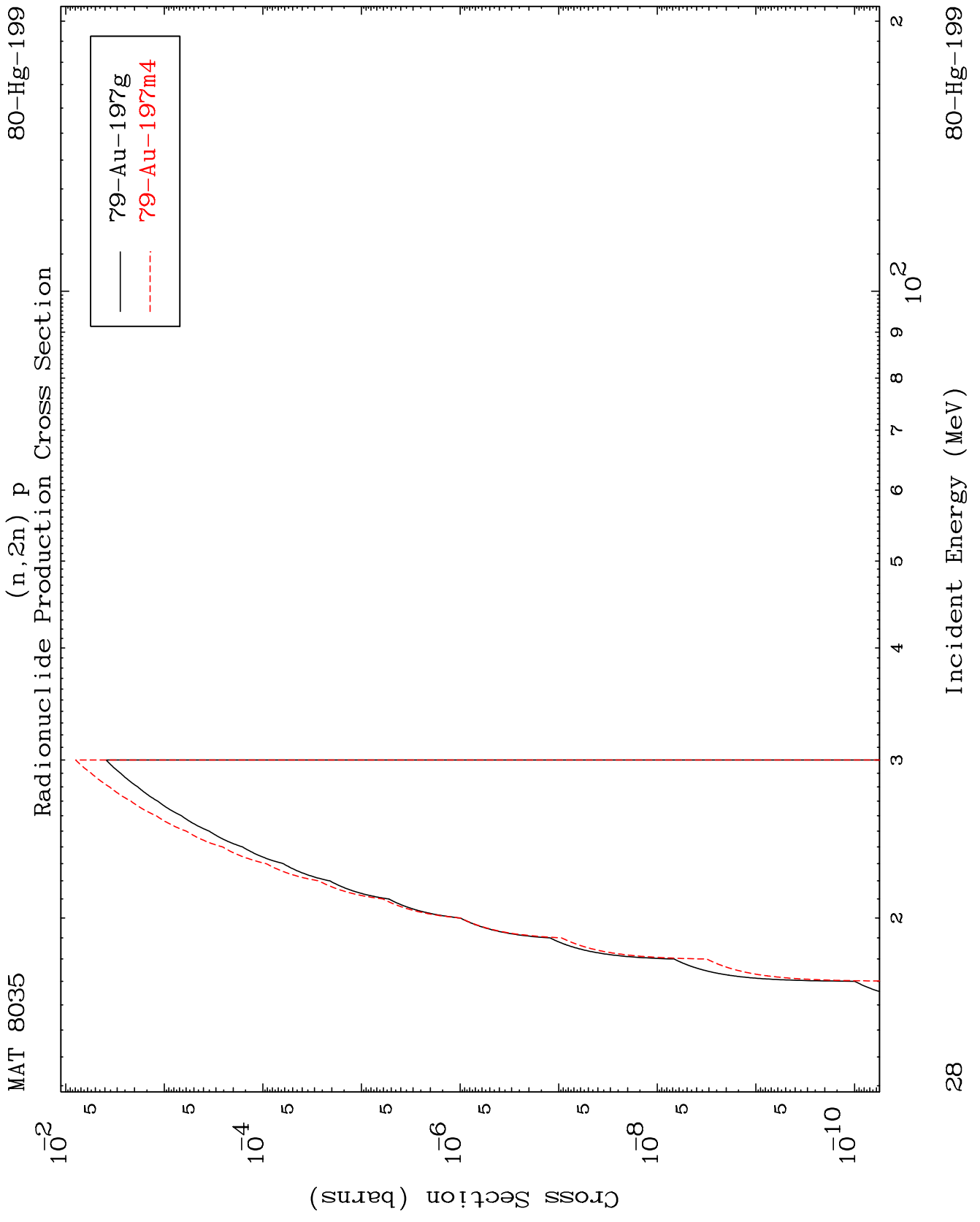
(n,n') t

80-Hg-199

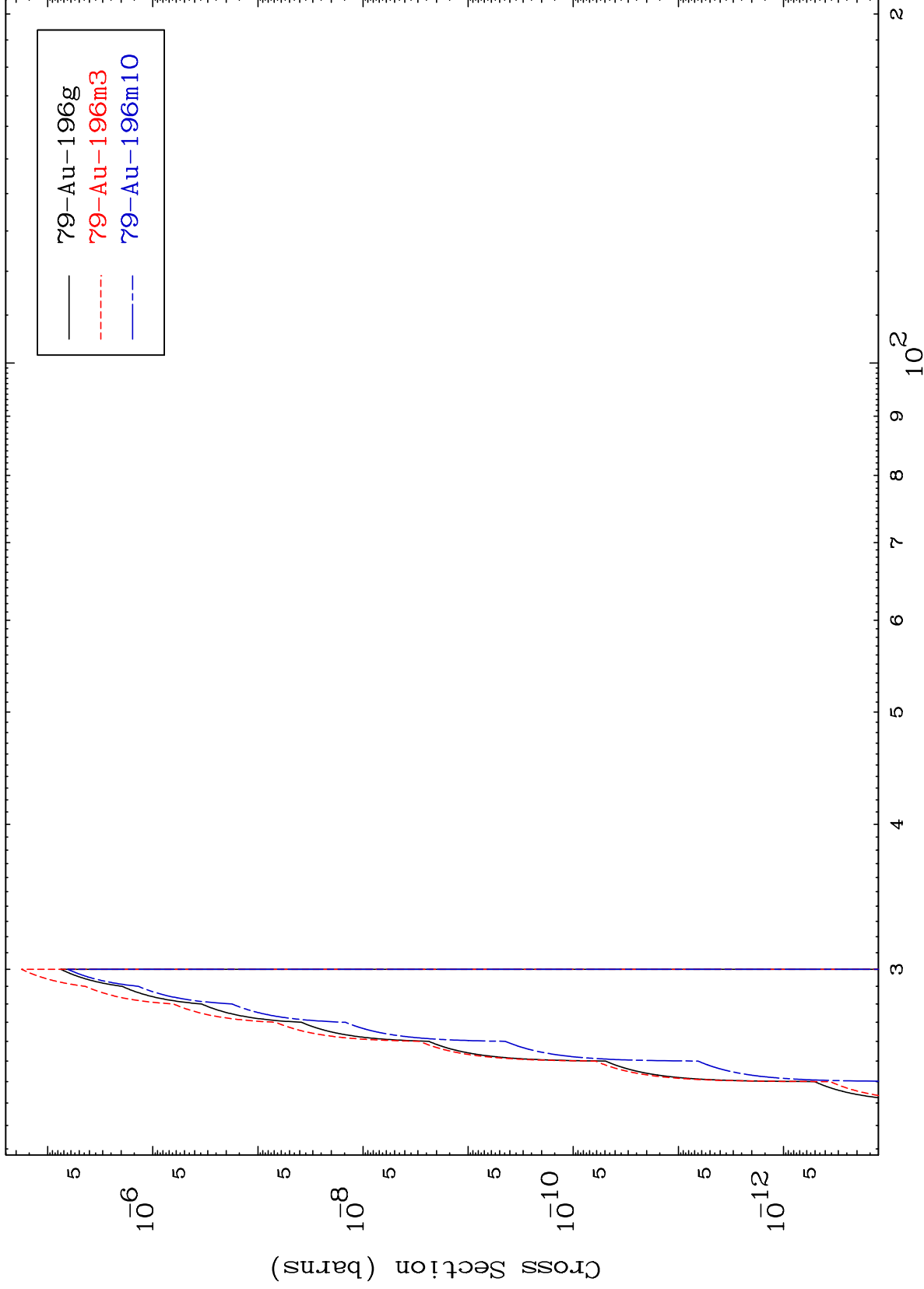
Radionuclide Production Cross Section



79-Au-196g  
79-Au-196m3  
79-Au-196m10



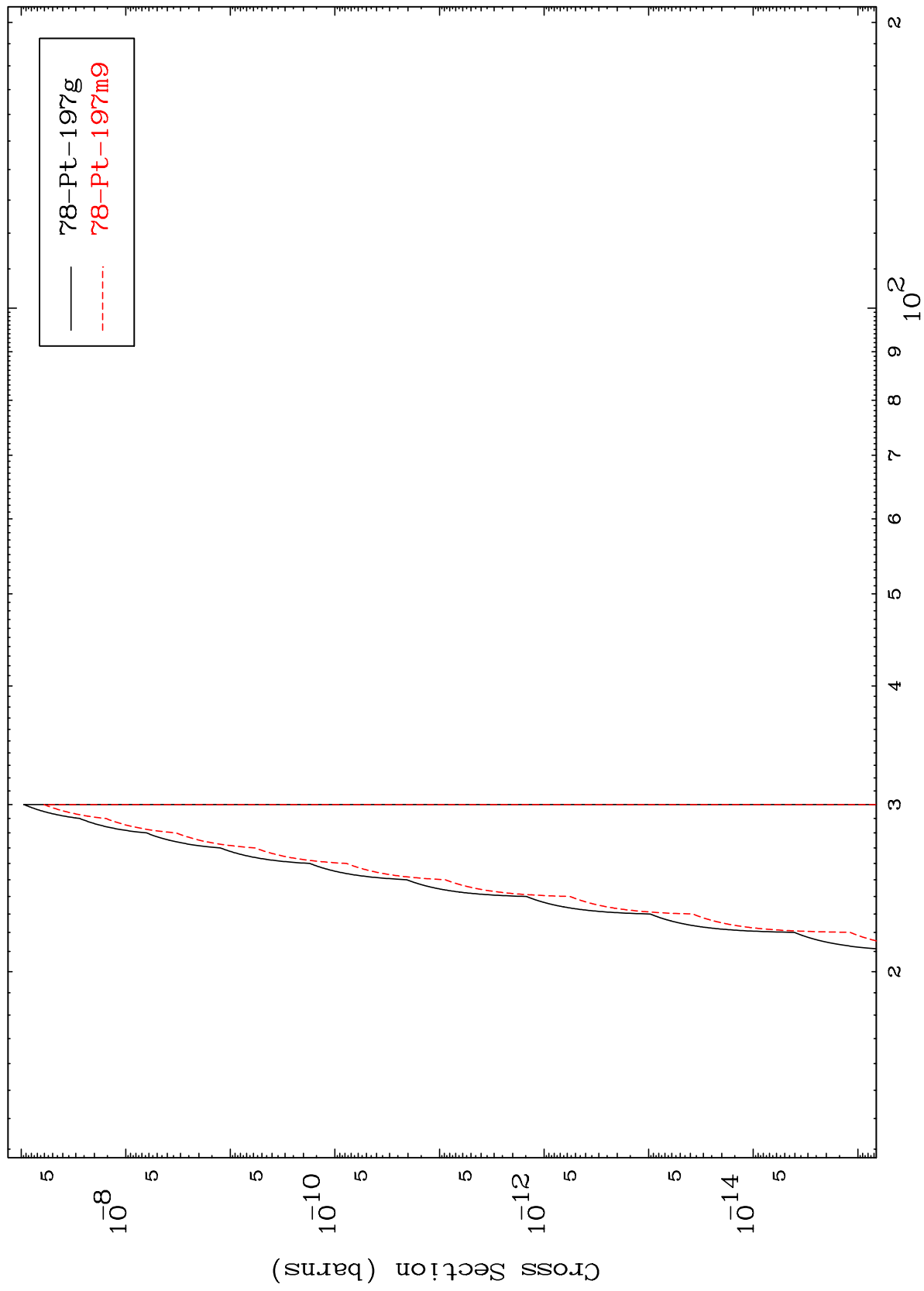
Radionuclide Production Cross Section



MAT 8035

80-Hg-199

(n,2n) p  
Radionuclide Production Cross Section



30

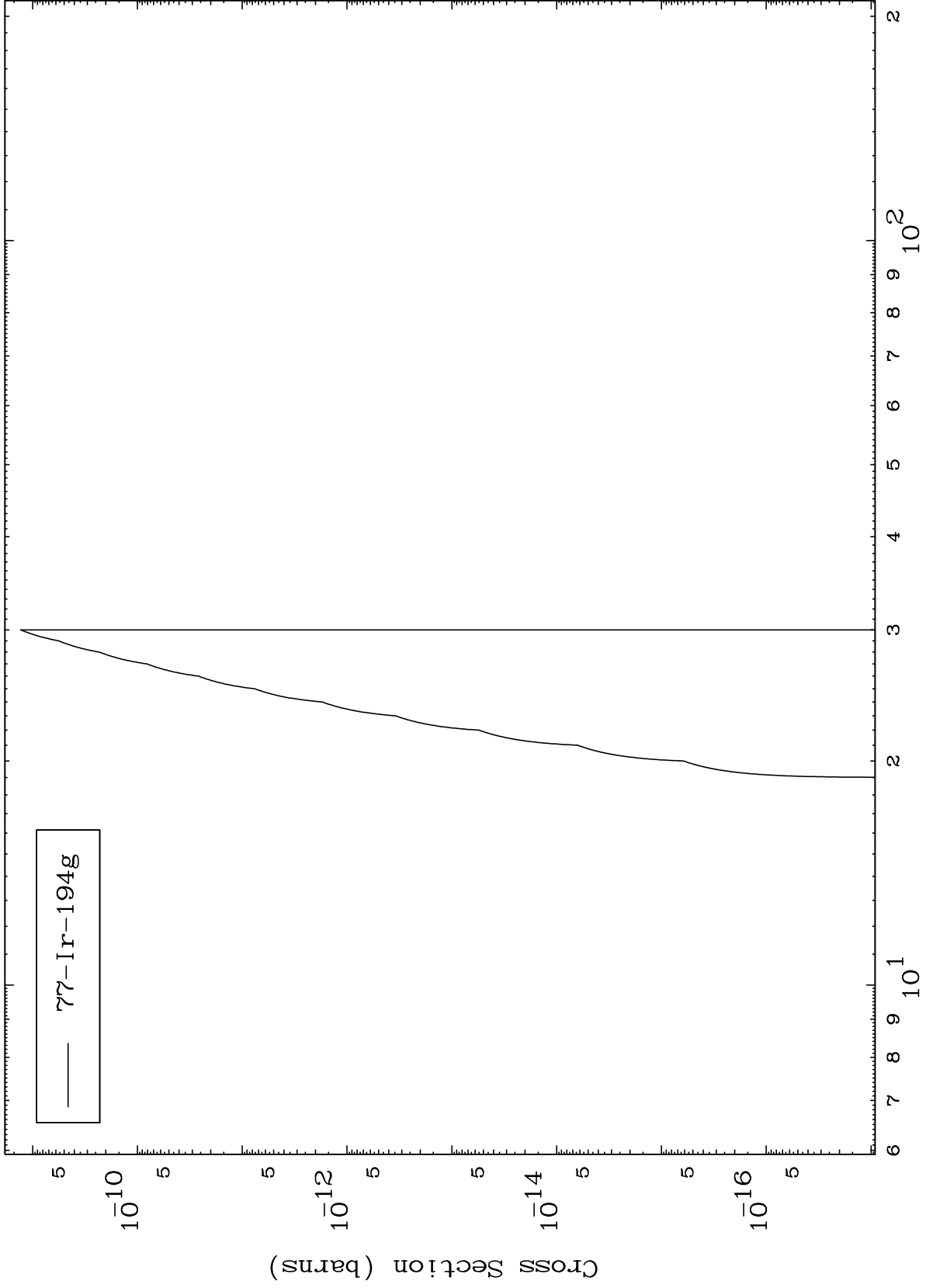
Incident Energy (MeV)

80-Hg-199

MAT 8035

80-Hg-199

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

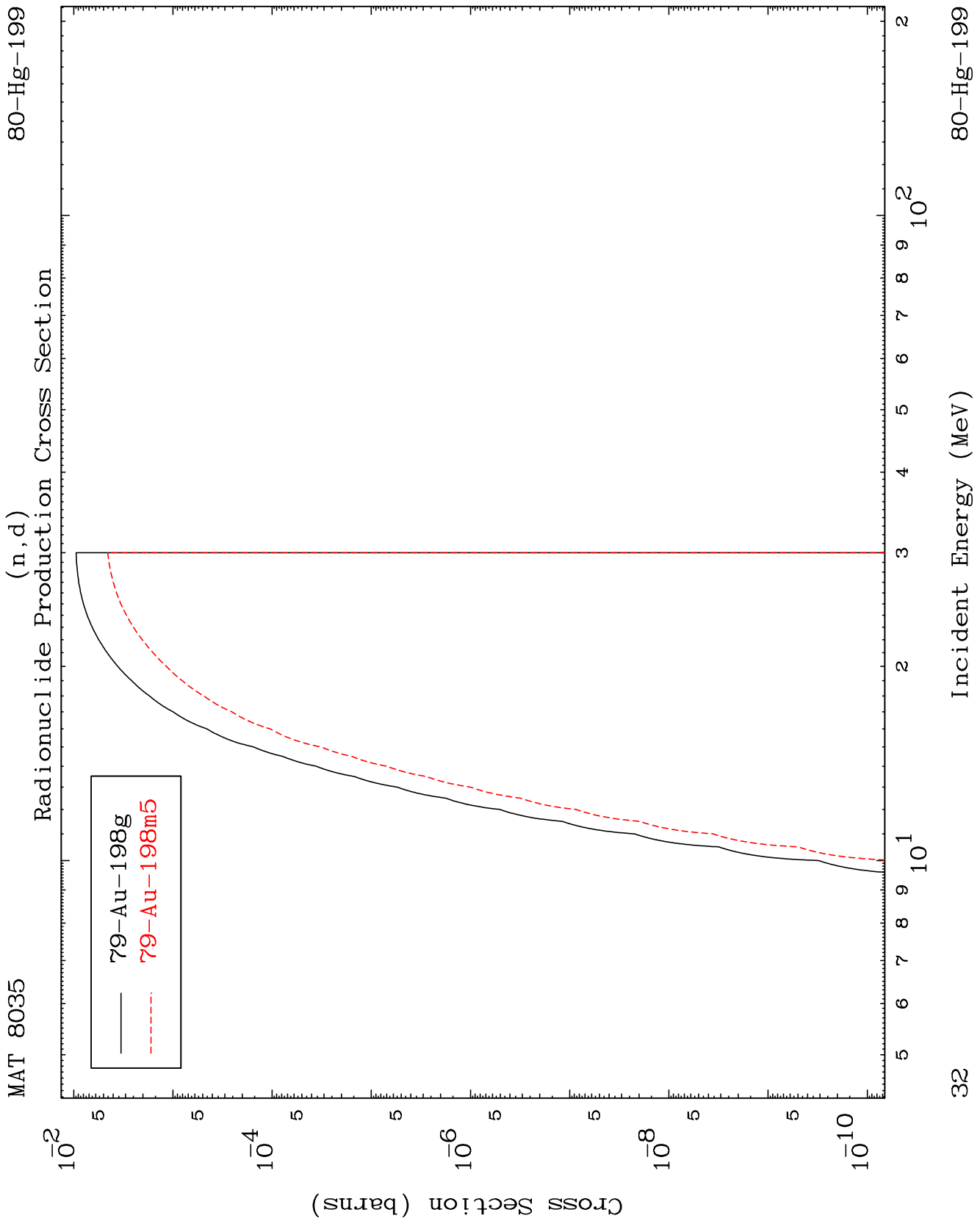


31

Incident Energy (MeV)

80-Hg-199

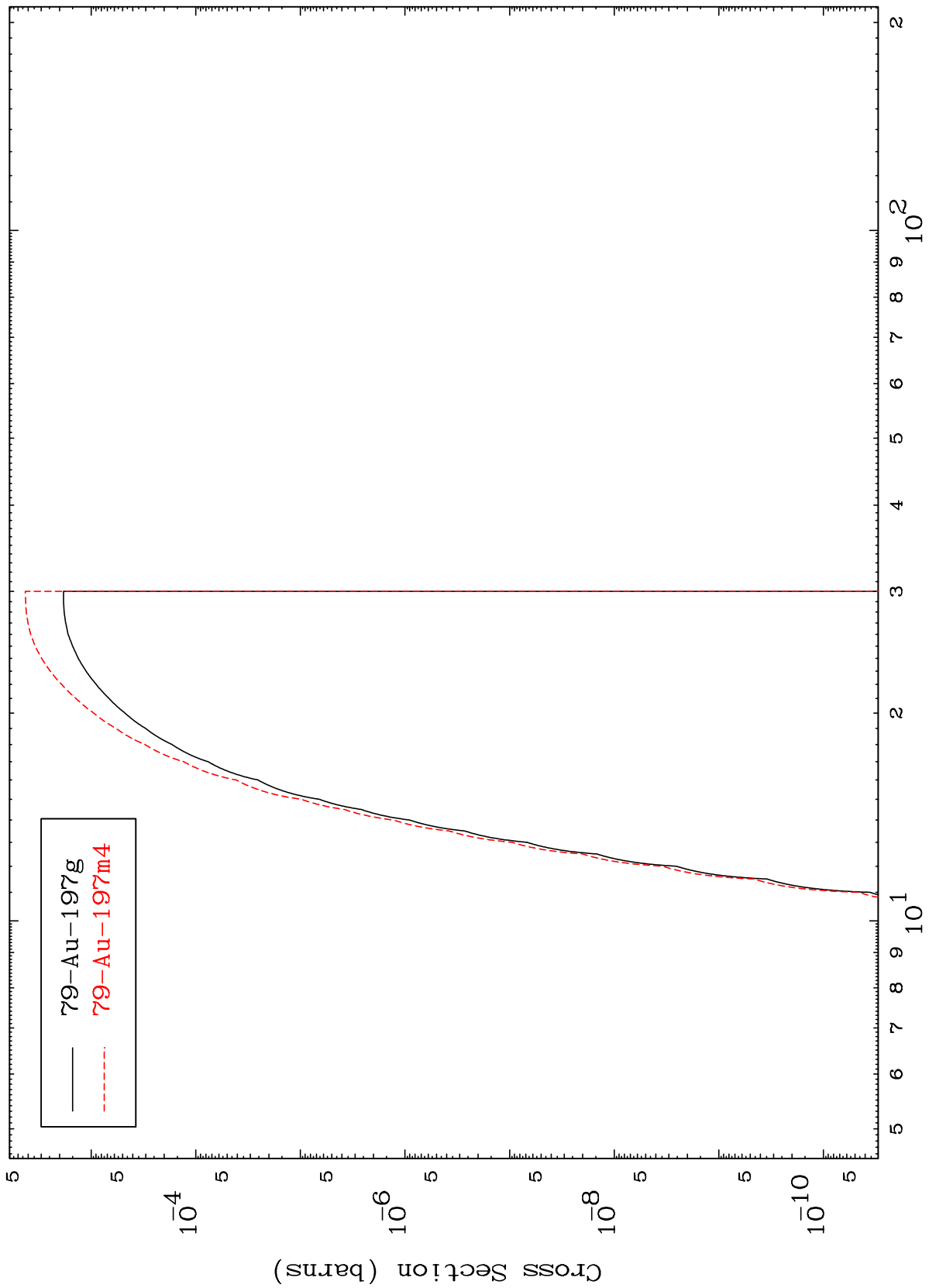




MAT 8035

80-Hg-199

(n, t)  
Radionuclide Production Cross Section



79-Au-197g  
79-Au-197m4

Incident Energy (MeV)

80-Hg-199

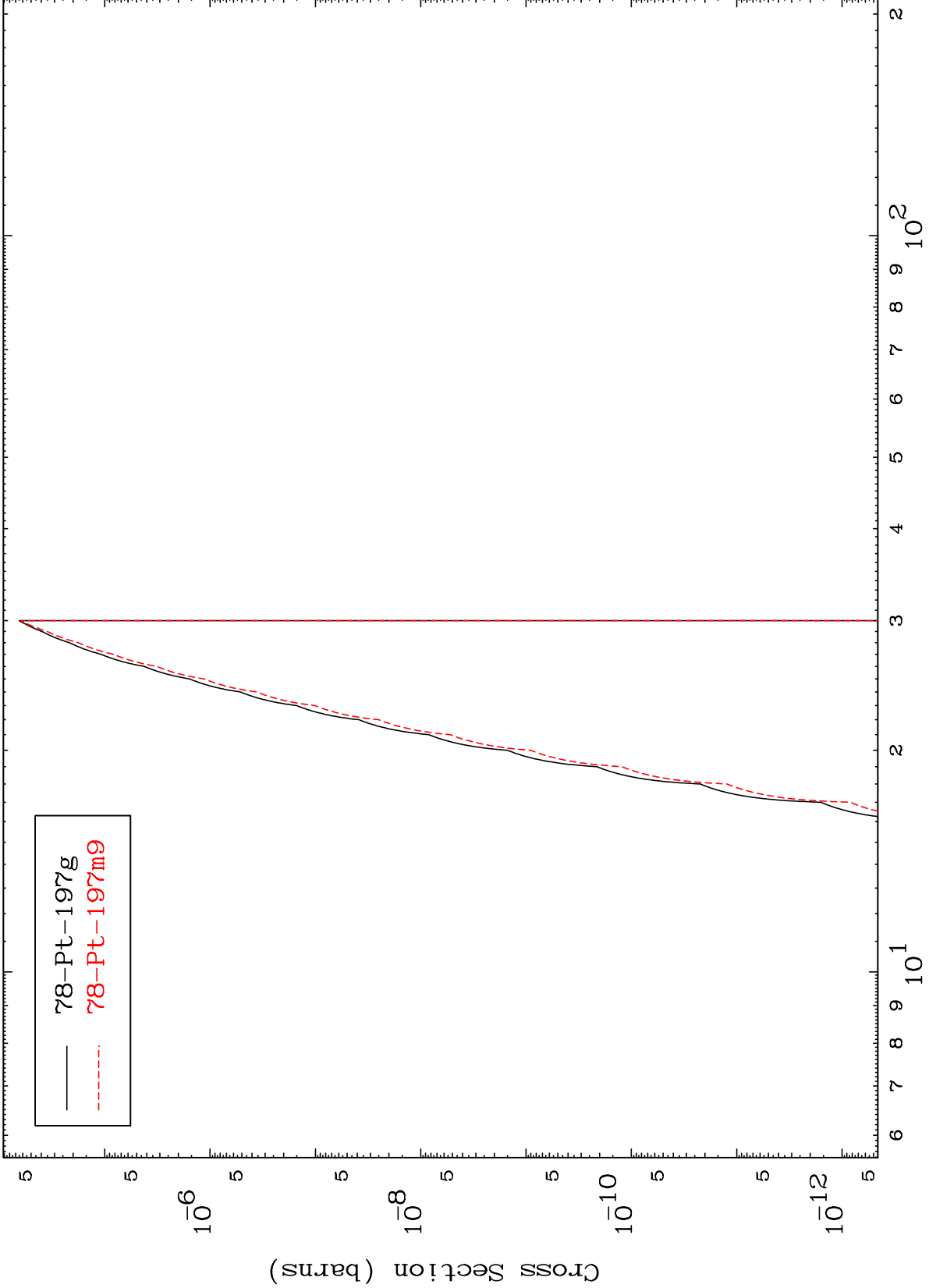
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MAT 8035

(n,He-3)

80-Hg-199

Radionuclide Production Cross Section



78-Pt-197g  
78-Pt-197m9

34

Incident Energy (MeV)

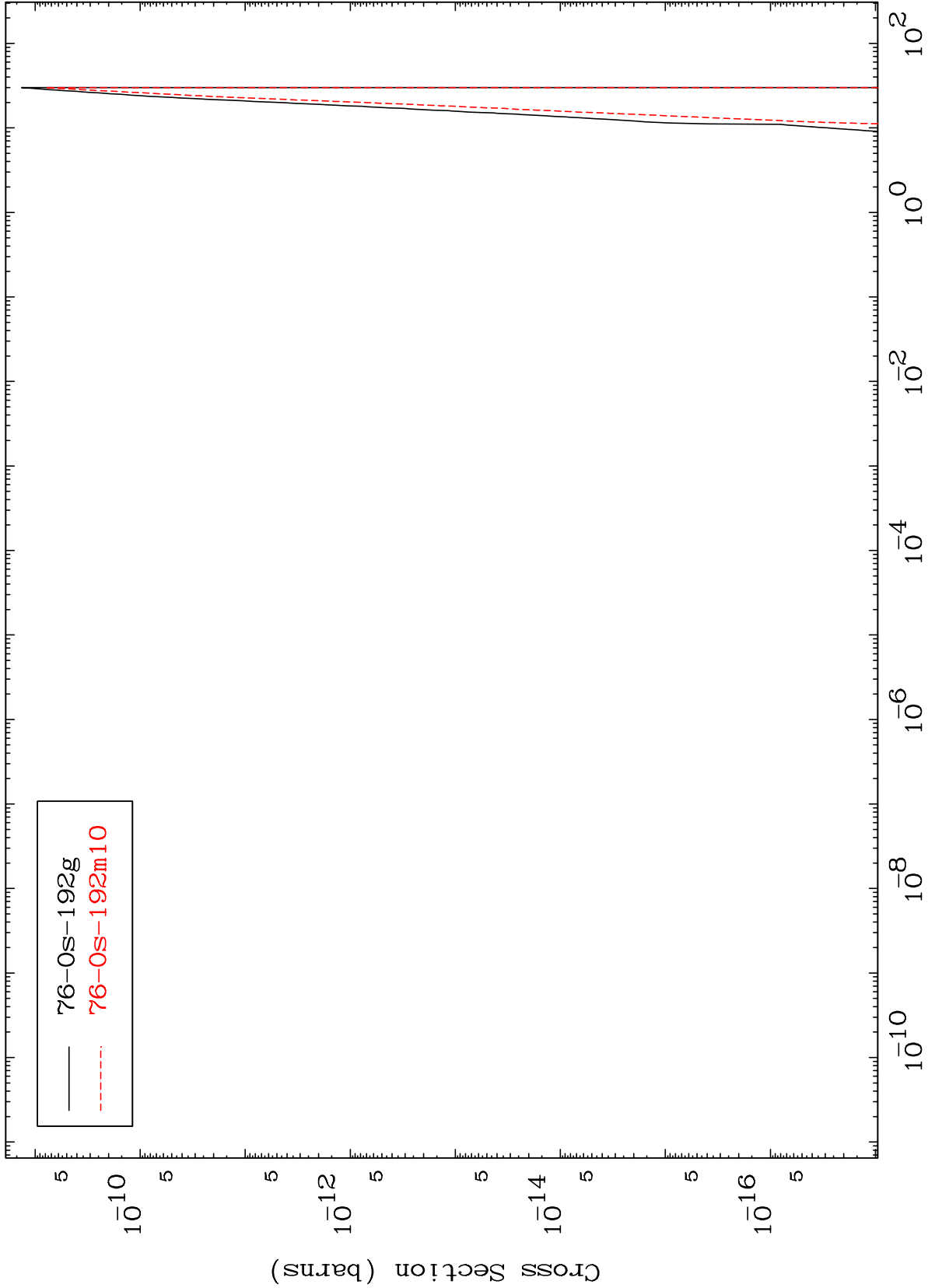
80-Hg-199

MAT 8035

(n,2α)

80-Hg-199

Radionuclide Production Cross Section



35

Incident Energy (MeV)

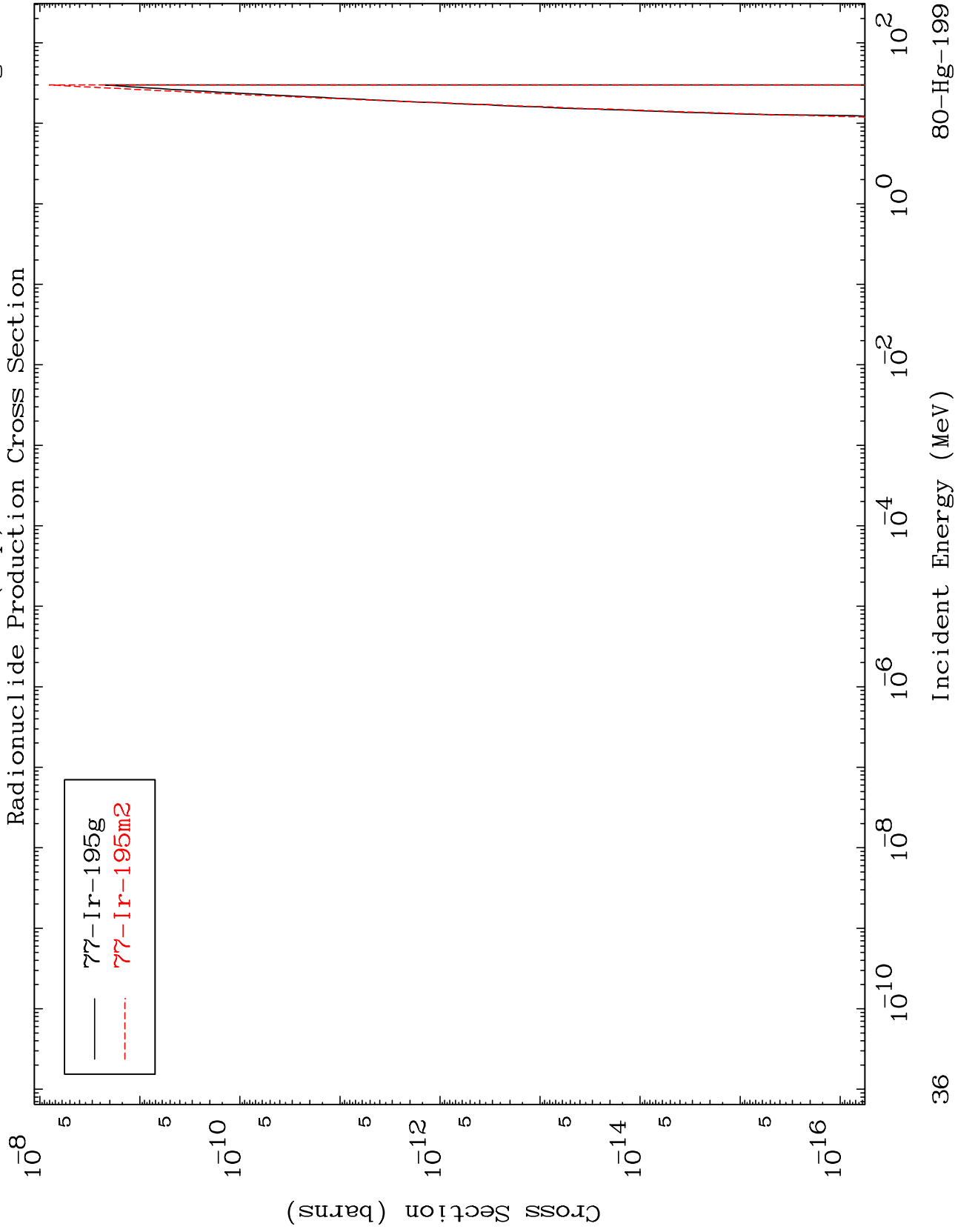
80-Hg-199

MAT 8035

(n,p)  $\alpha$

80-Hg-199

Radionuclide Production Cross Section



36

Incident Energy (MeV)

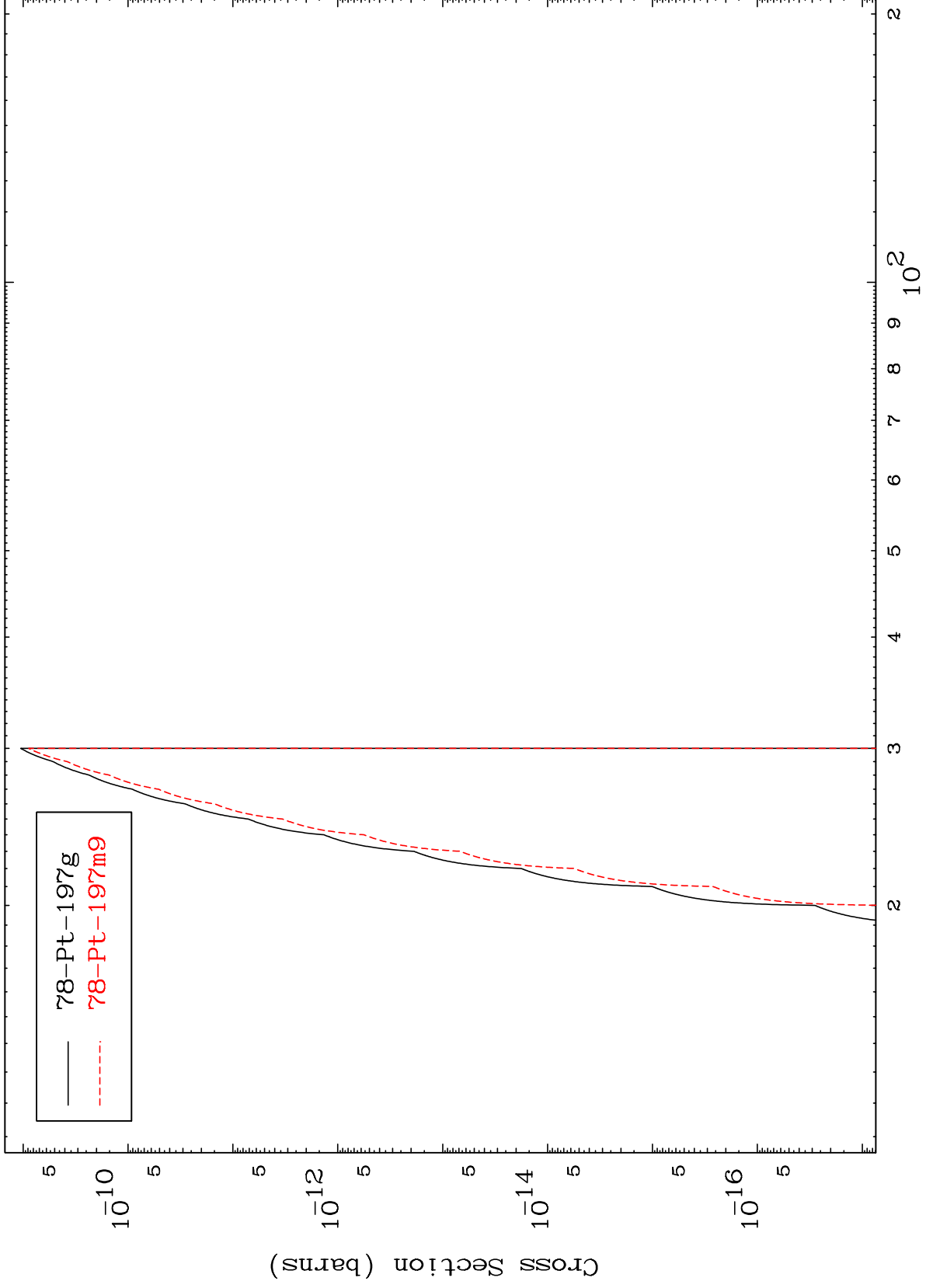
80-Hg-199

MAT 8035

(n,p) d

80-Hg-199

Radionuclide Production Cross Section



37

Incident Energy (MeV)

80-Hg-199