

Program EVALPLOT  
(Version 2018-1)

by

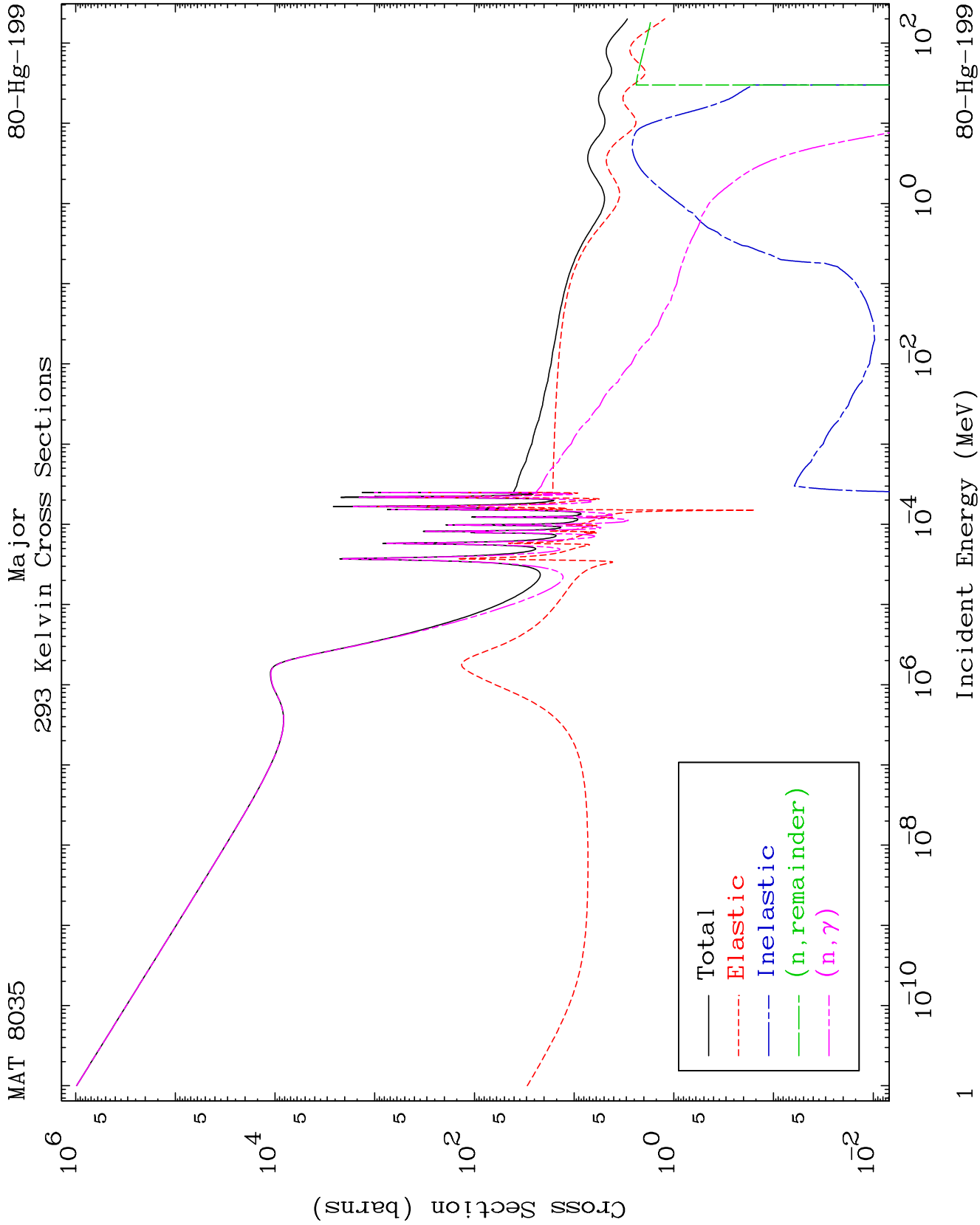
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(Present Contact Information)

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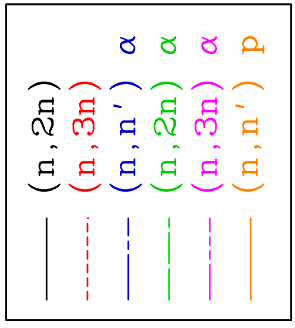
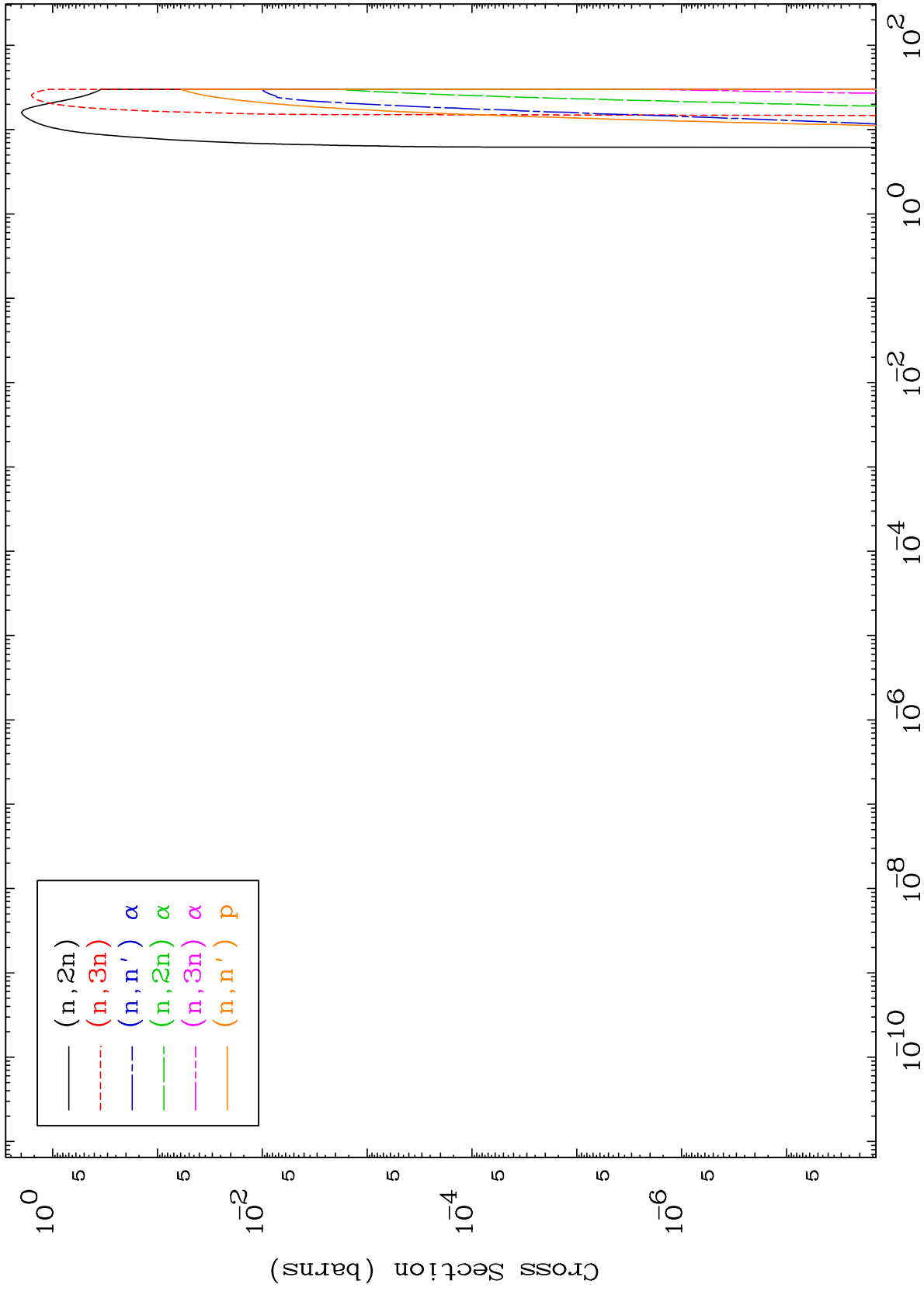
Press Mouse Button to Start



MAT 8035

Neutron Production  
293 Kelvin Cross Sections

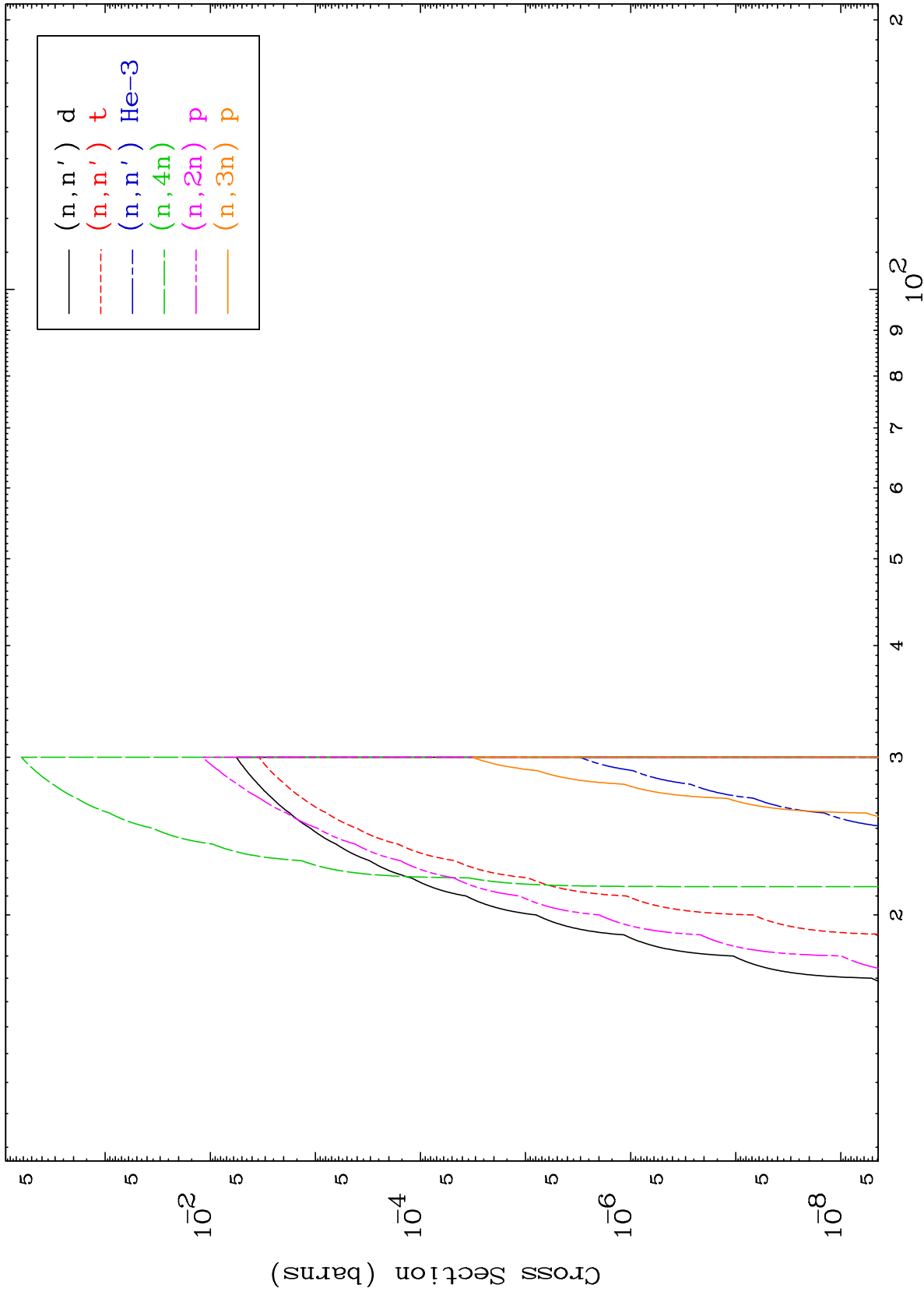
80-Hg-199



2

Incident Energy (MeV)

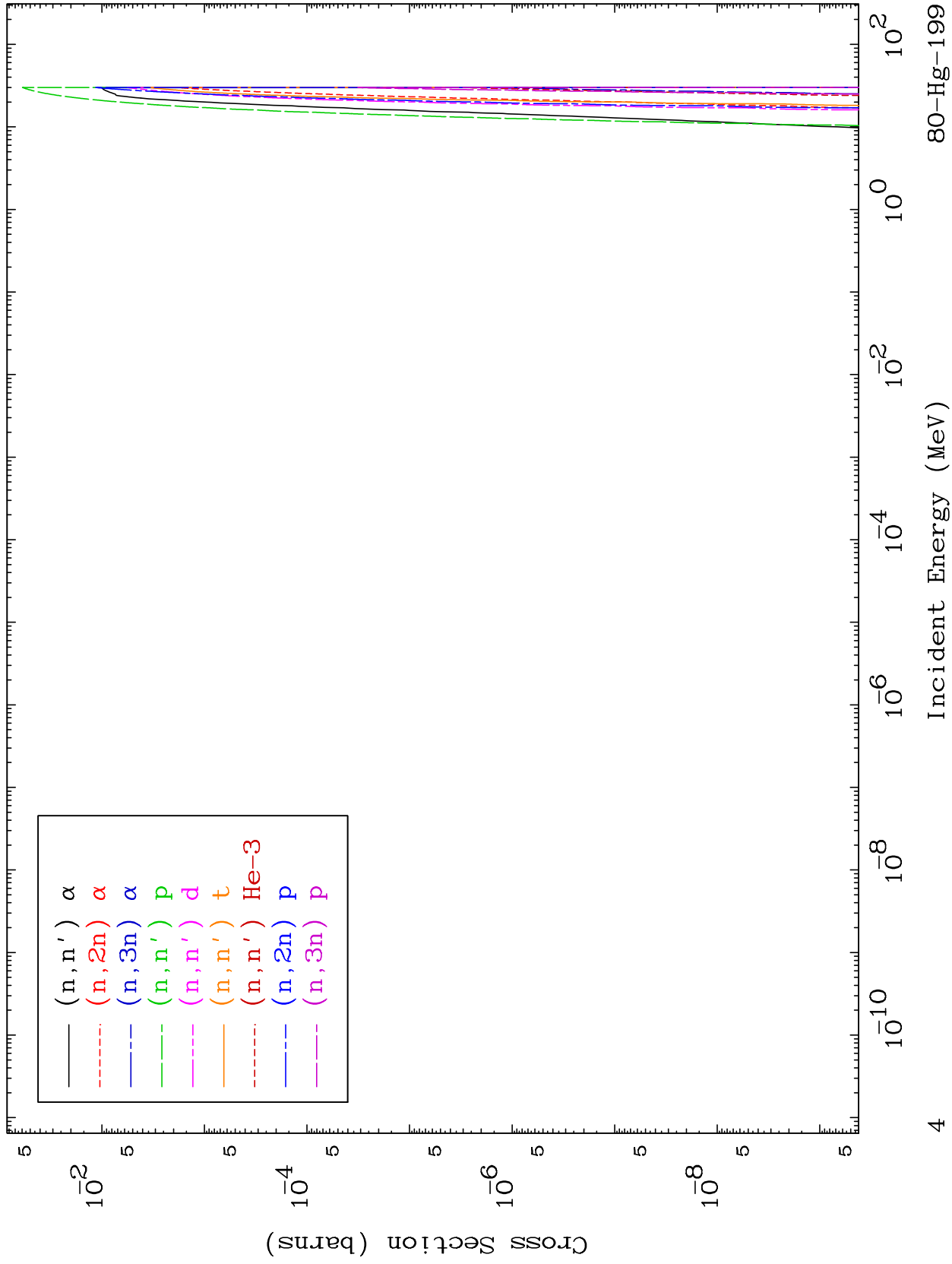
80-Hg-199



MAT 8035

293 Charged Particle  
Kelvin Cross Sections

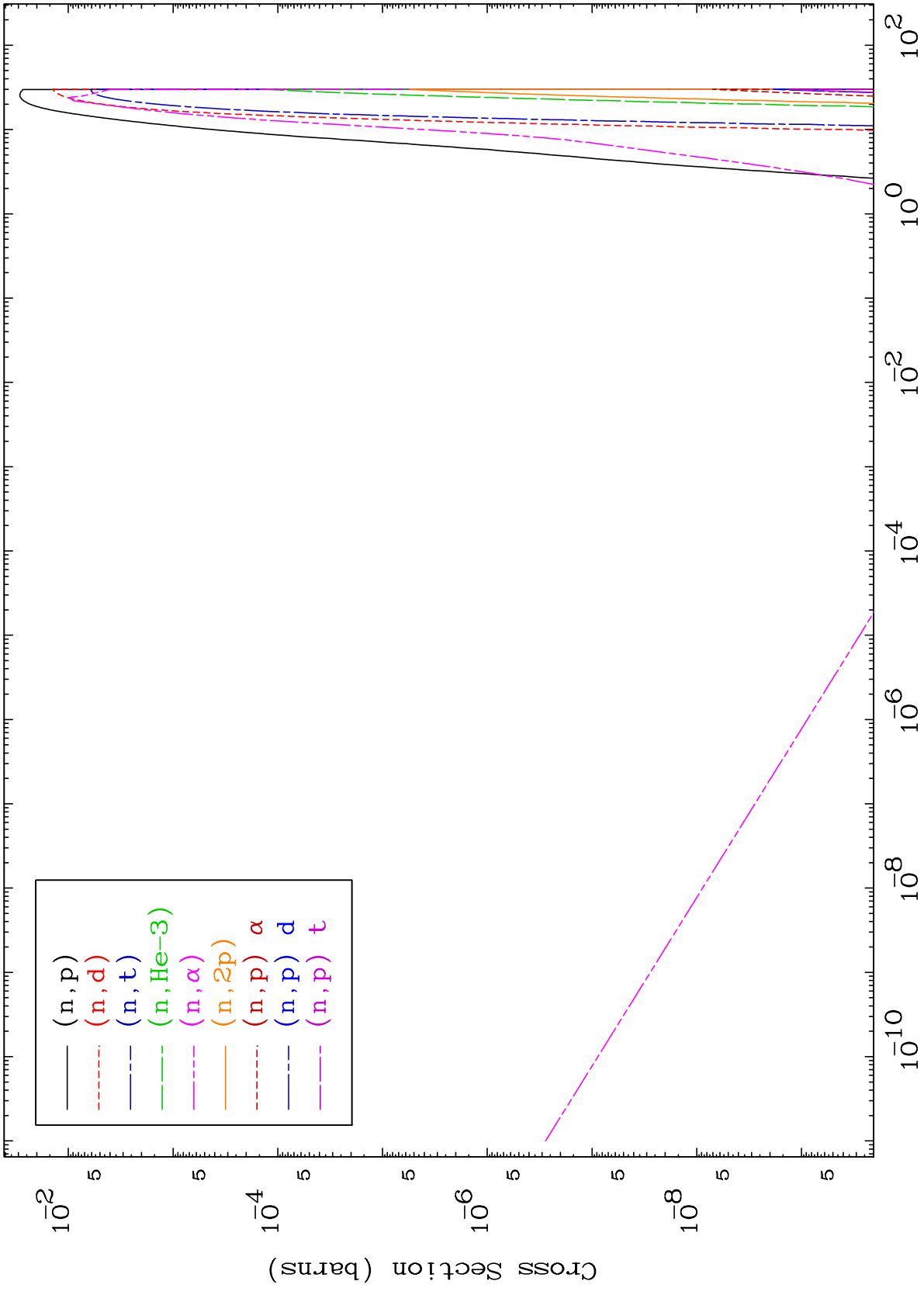
80-Hg-199



MAT 8035

293 Kelvin Cross Sections

80-Hg-199



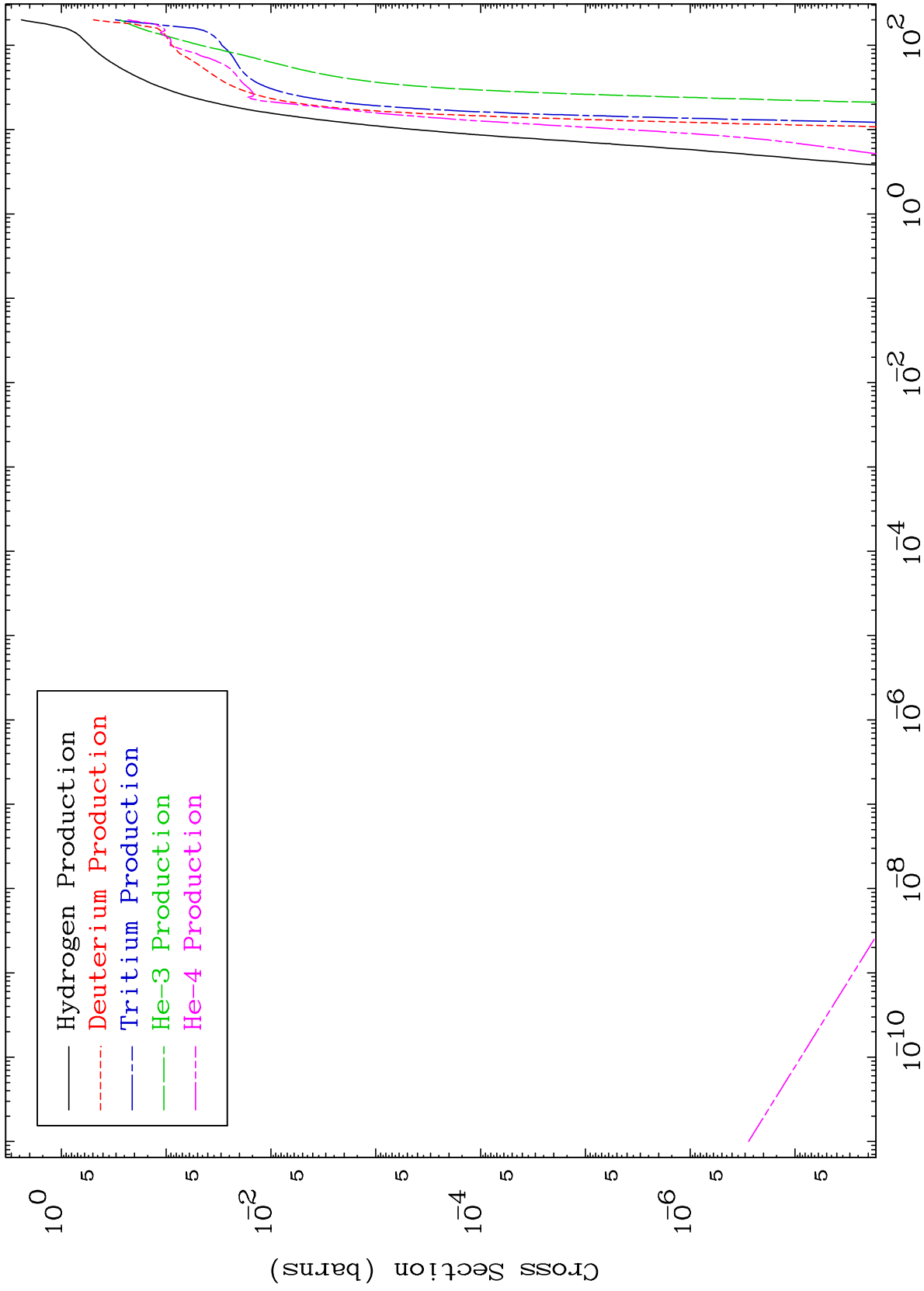
5

80-Hg-199

MAT 8035

Particle Production  
293 Kelvin Cross Sections

80-Hg-199



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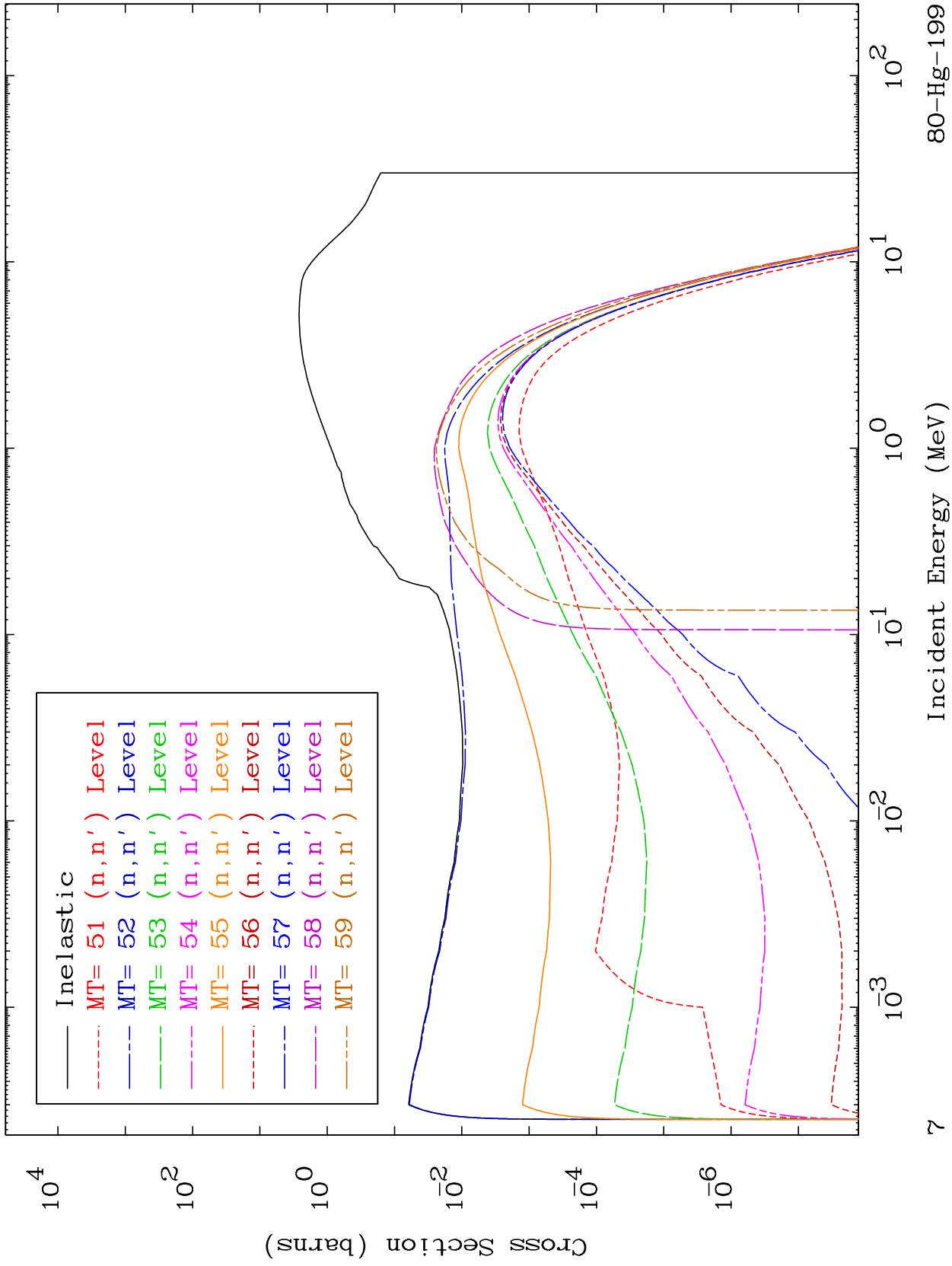
Incident Energy (MeV)

80-Hg-199

MAT 8035

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-199

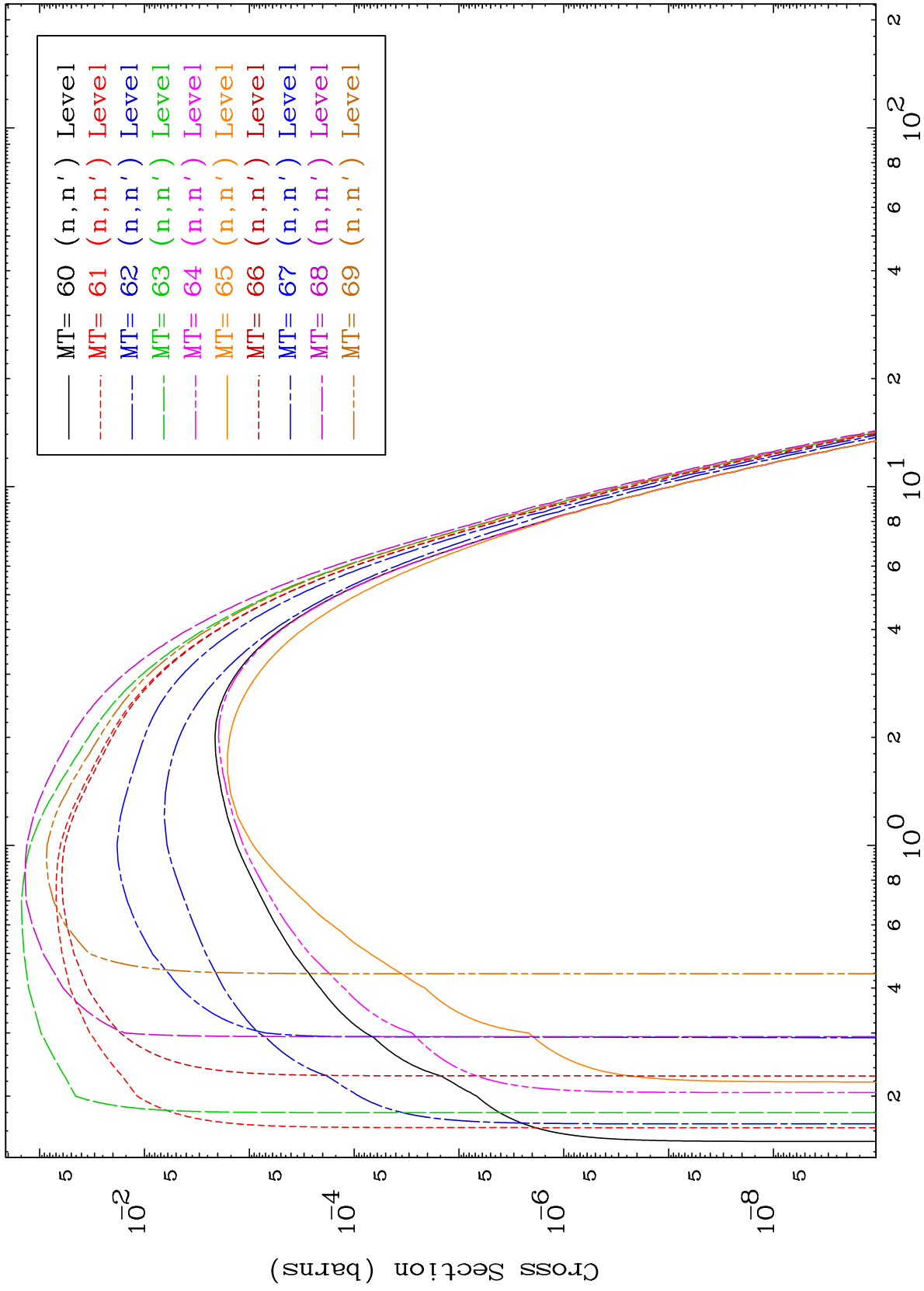




MAT 8035

(n,n') Level  
293 Kelvin Cross Sections

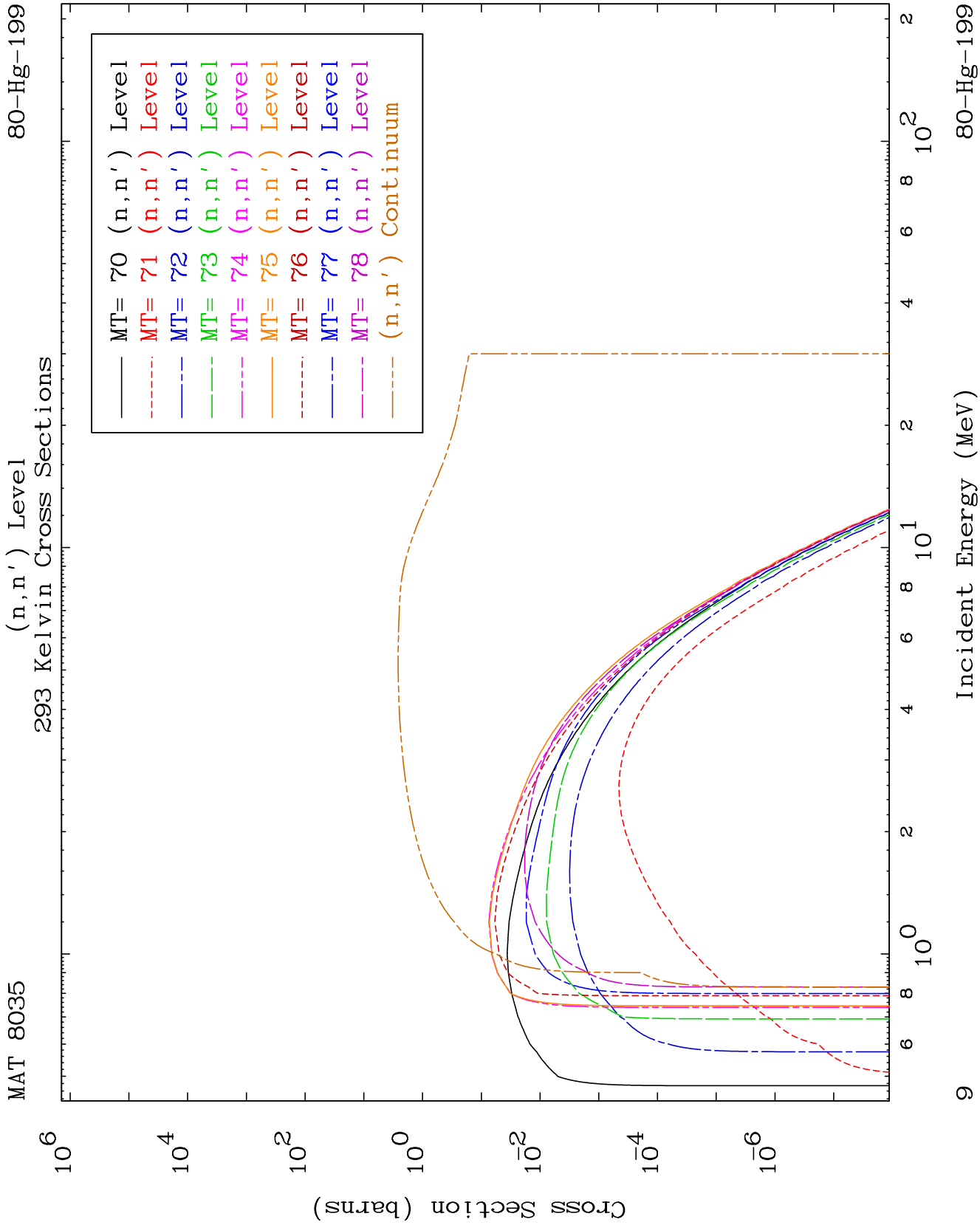
80-Hg-199



8

Incident Energy (MeV)

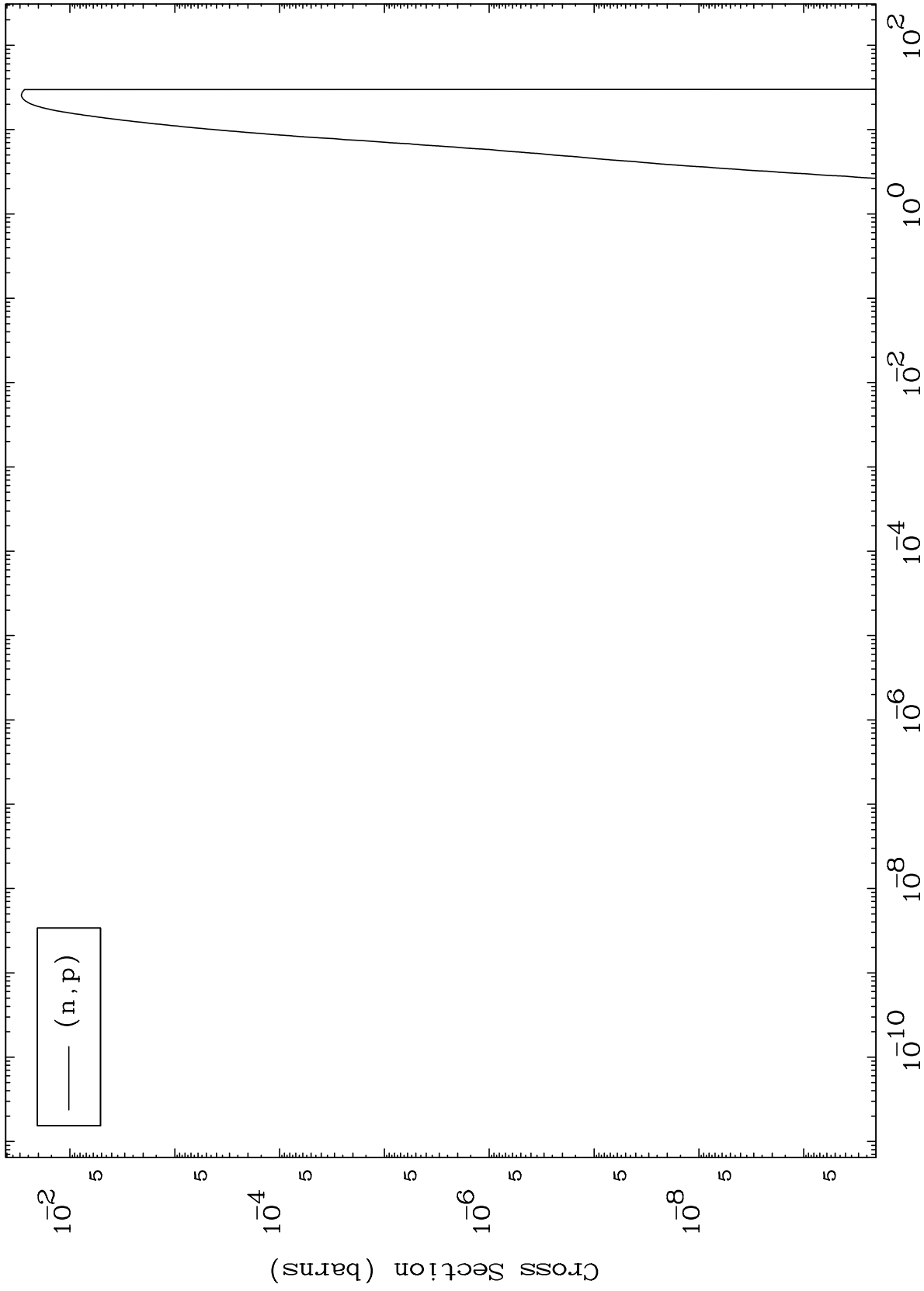
80-Hg-199



MAT 8035

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-199



10

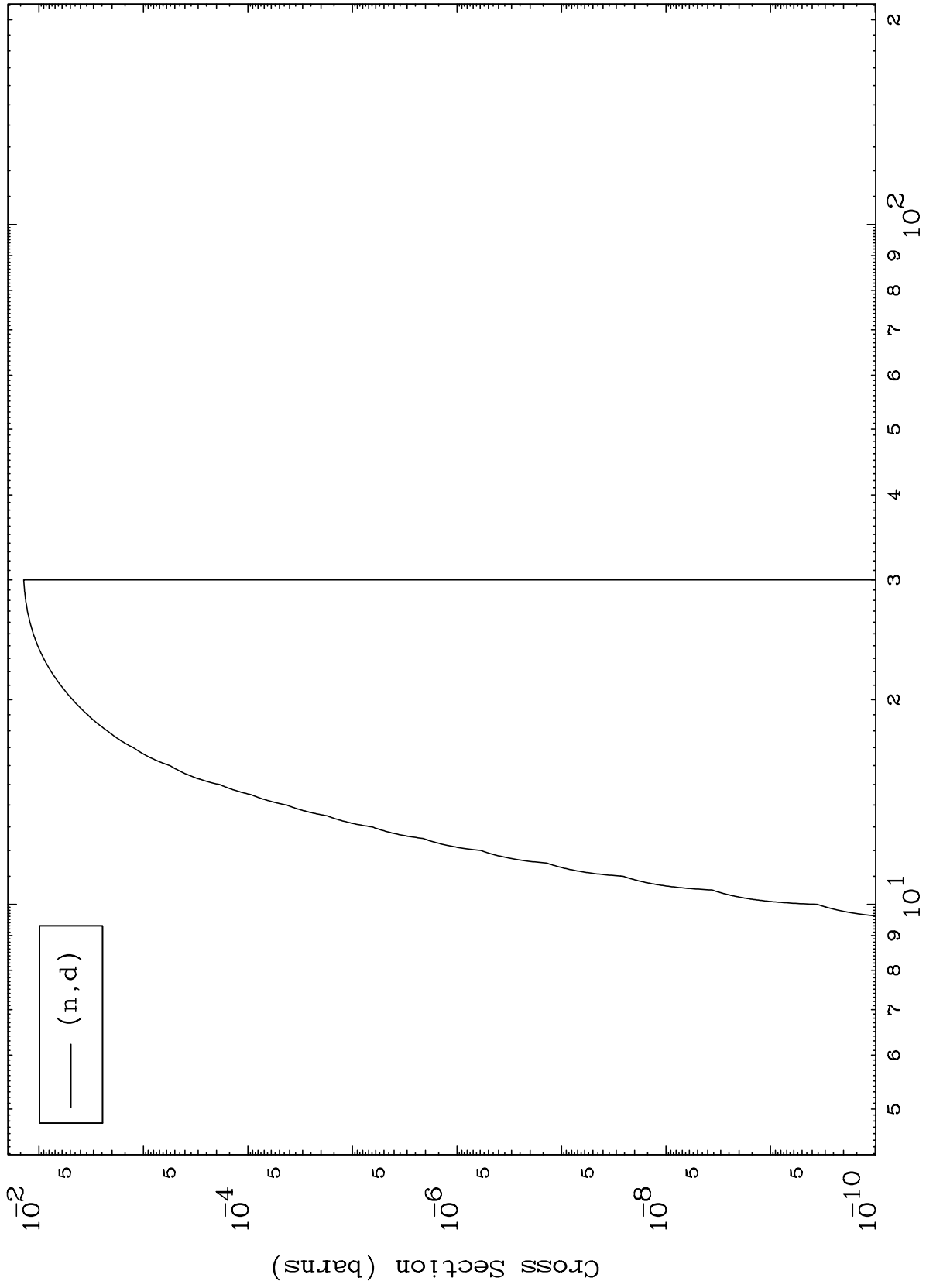
Incident Energy (MeV)

80-Hg-199

MAT 8035

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-199



11

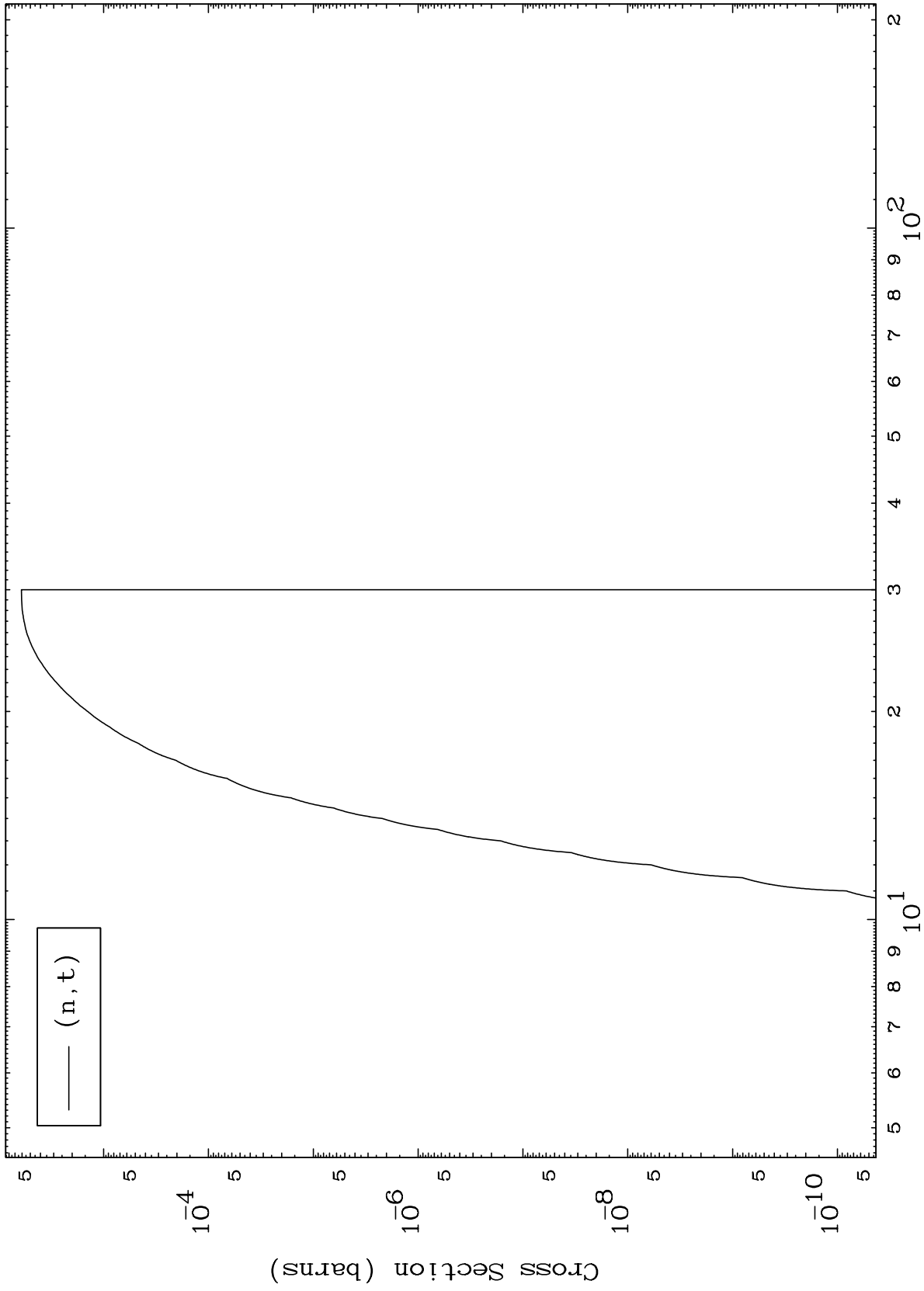
Incident Energy (MeV)

80-Hg-199

MAT 8035

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-199



12

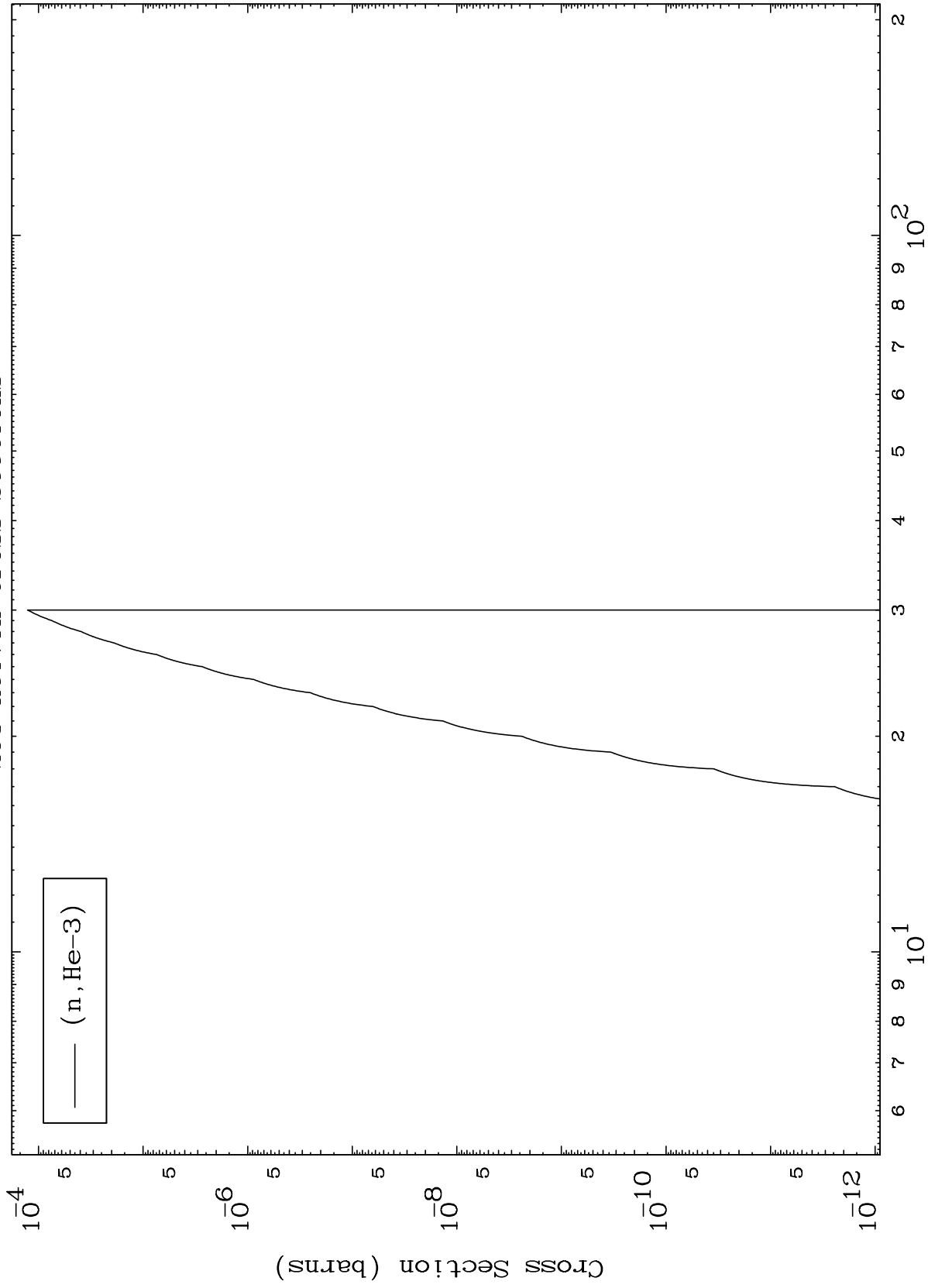
Incident Energy (MeV)

80-Hg-199

MAT 8035

80-Hg-199

(n,He3) Levels  
293 Kelvin Cross Sections



13

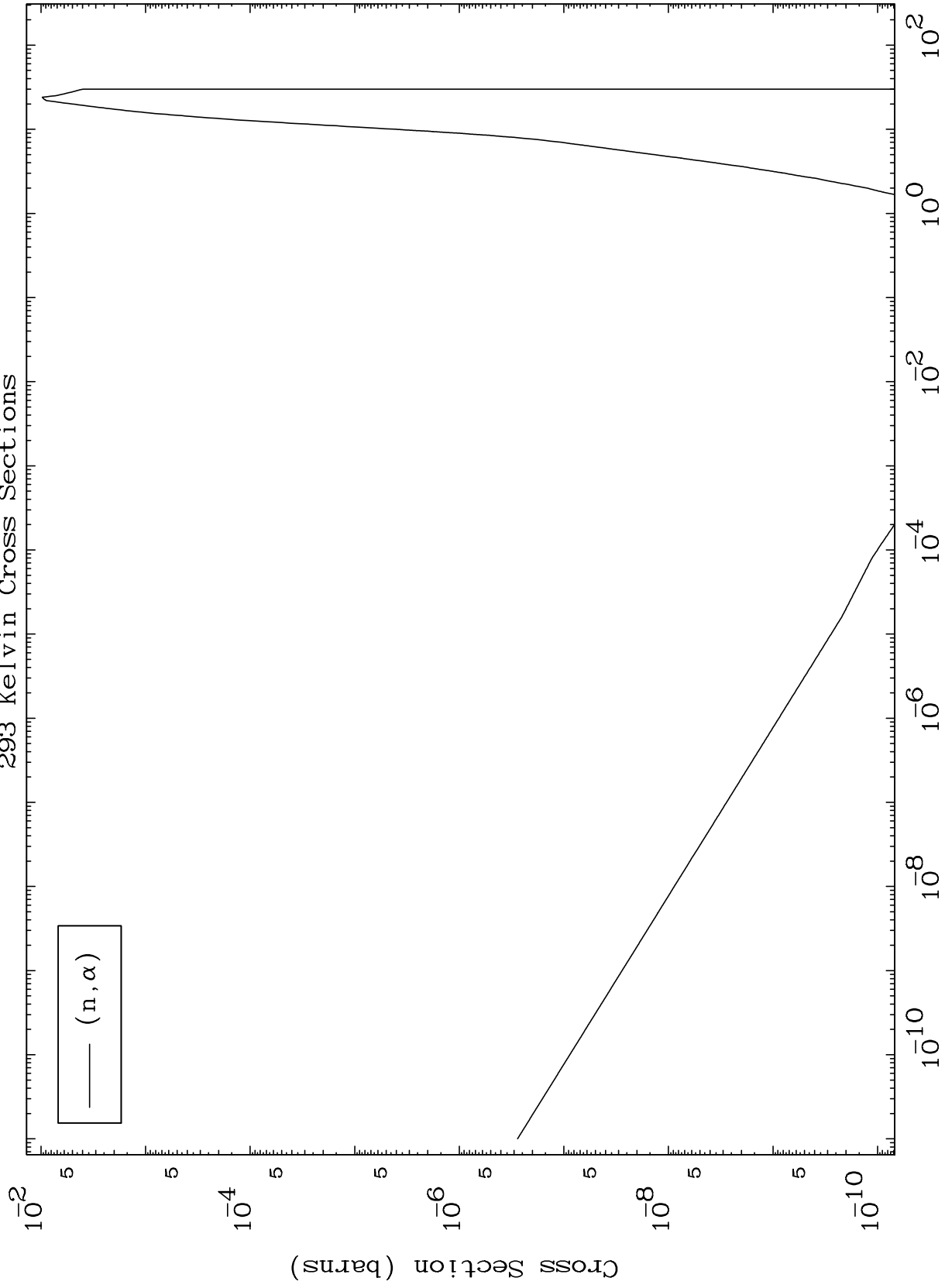
Incident Energy (MeV)

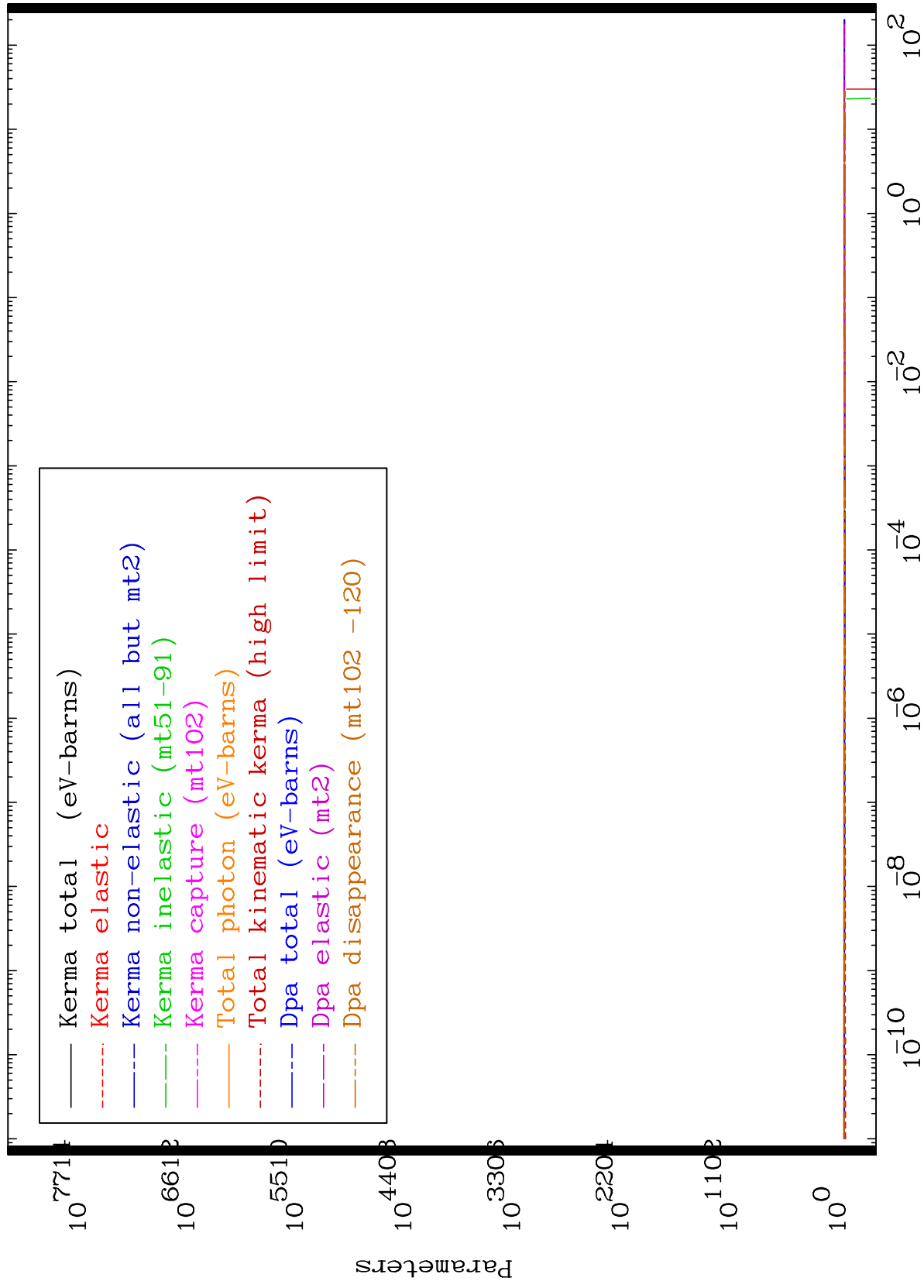
80-Hg-199

MAT 8035

(n,α) Levels  
293 Kelvin Cross Sections

80-Hg-199



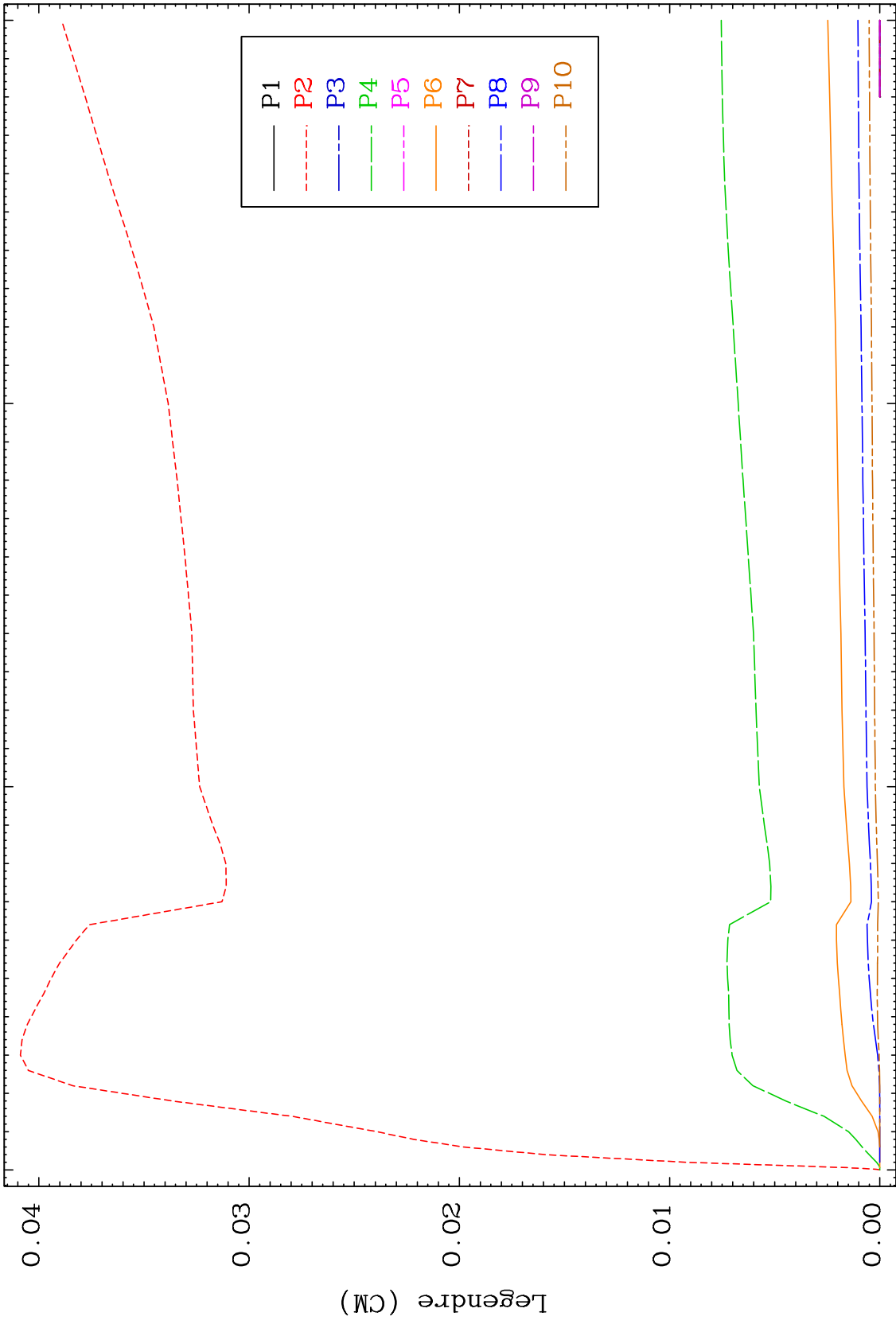




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Elastic Legendre Coefficients

80-Hg-199



80-Hg-199

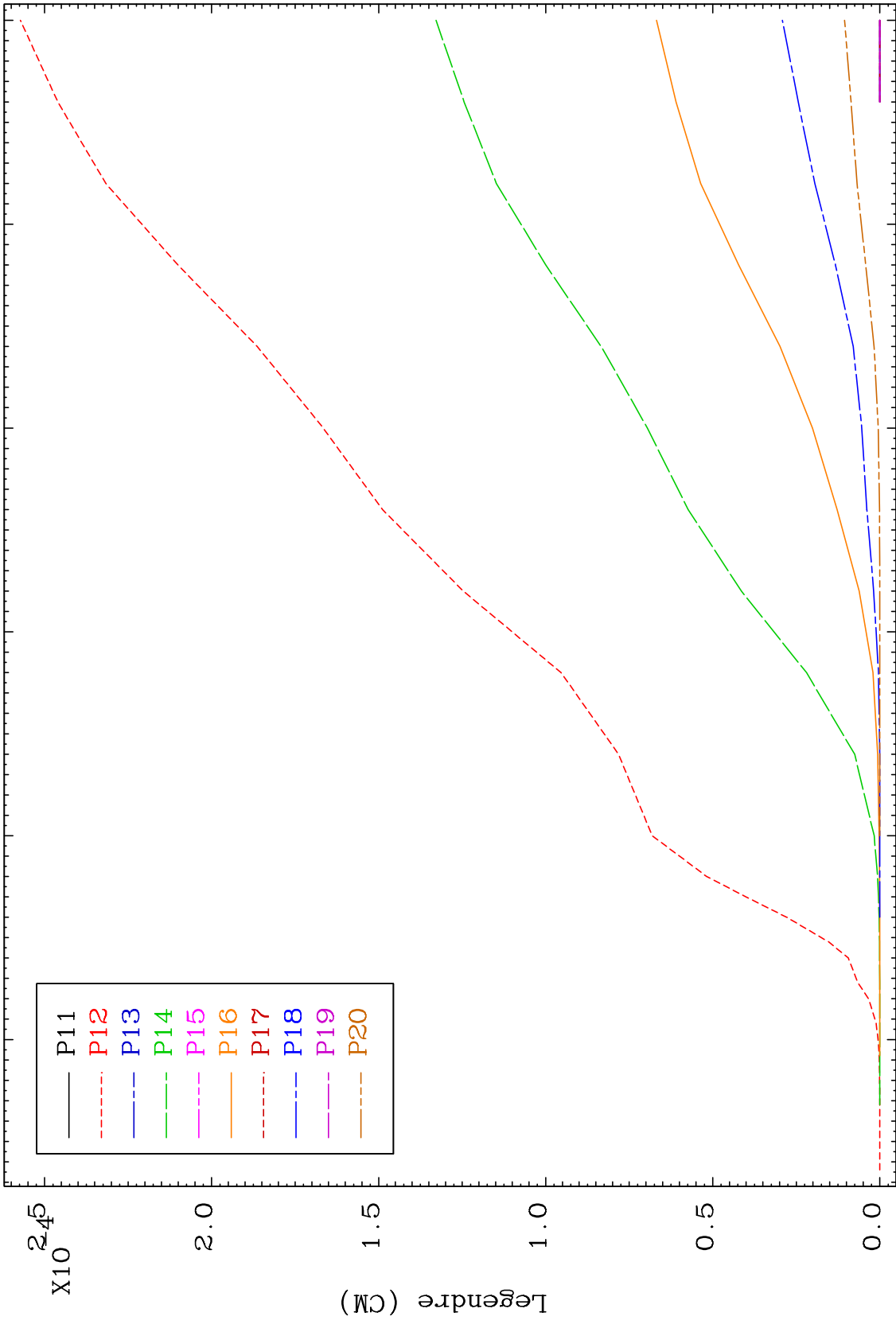
Incident Energy (MeV)

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MAT 8035

Elastic Legendre Coefficients

80-Hg-199



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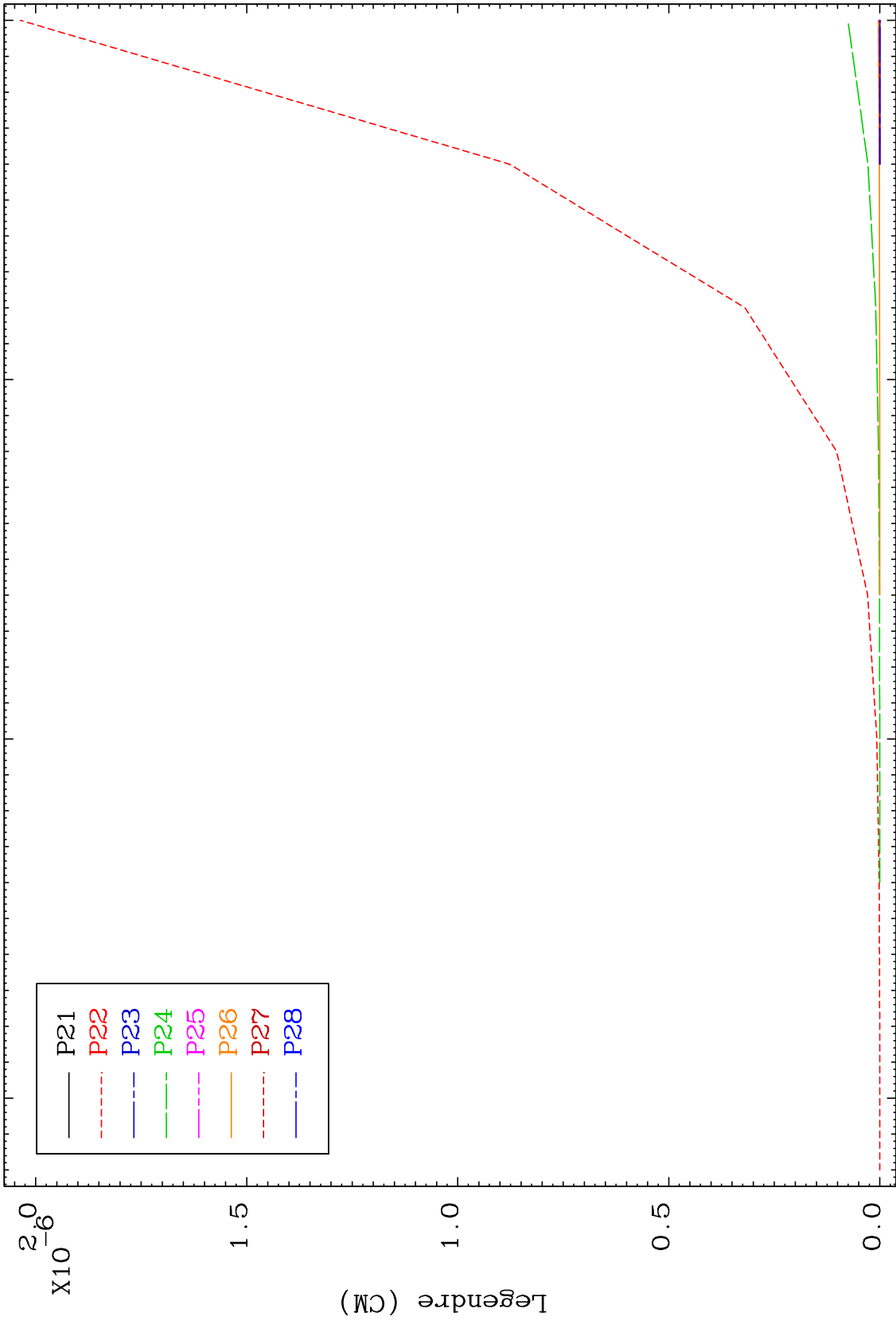
Incident Energy (MeV)

80-Hg-199

MAT 8035

Elastic Legendre Coefficients

80-Hg-199



18

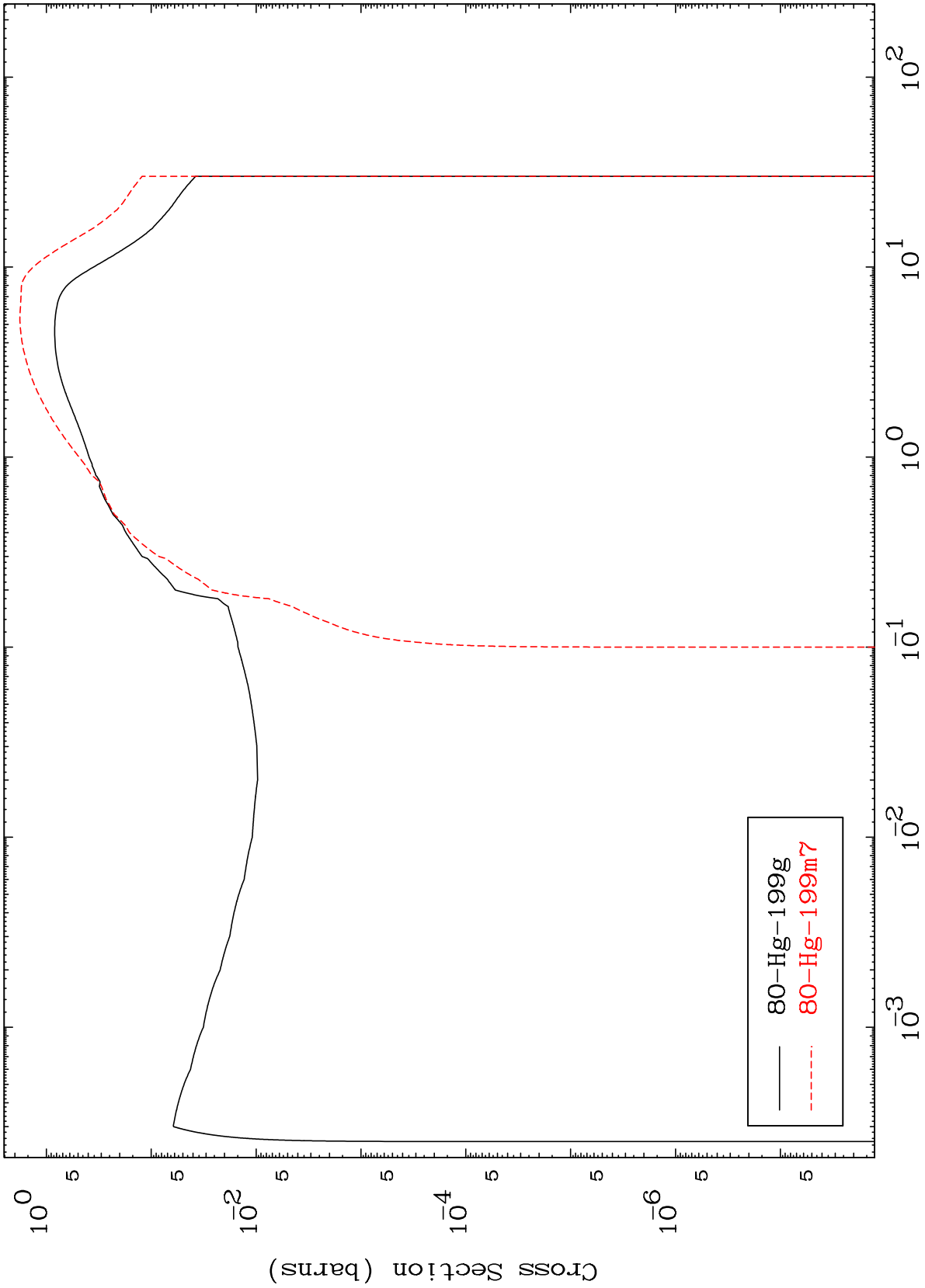
Incident Energy (MeV)

80-Hg-199

MAT 8035

80-Hg-199

Inelastic  
Radionuclide Production Cross Section

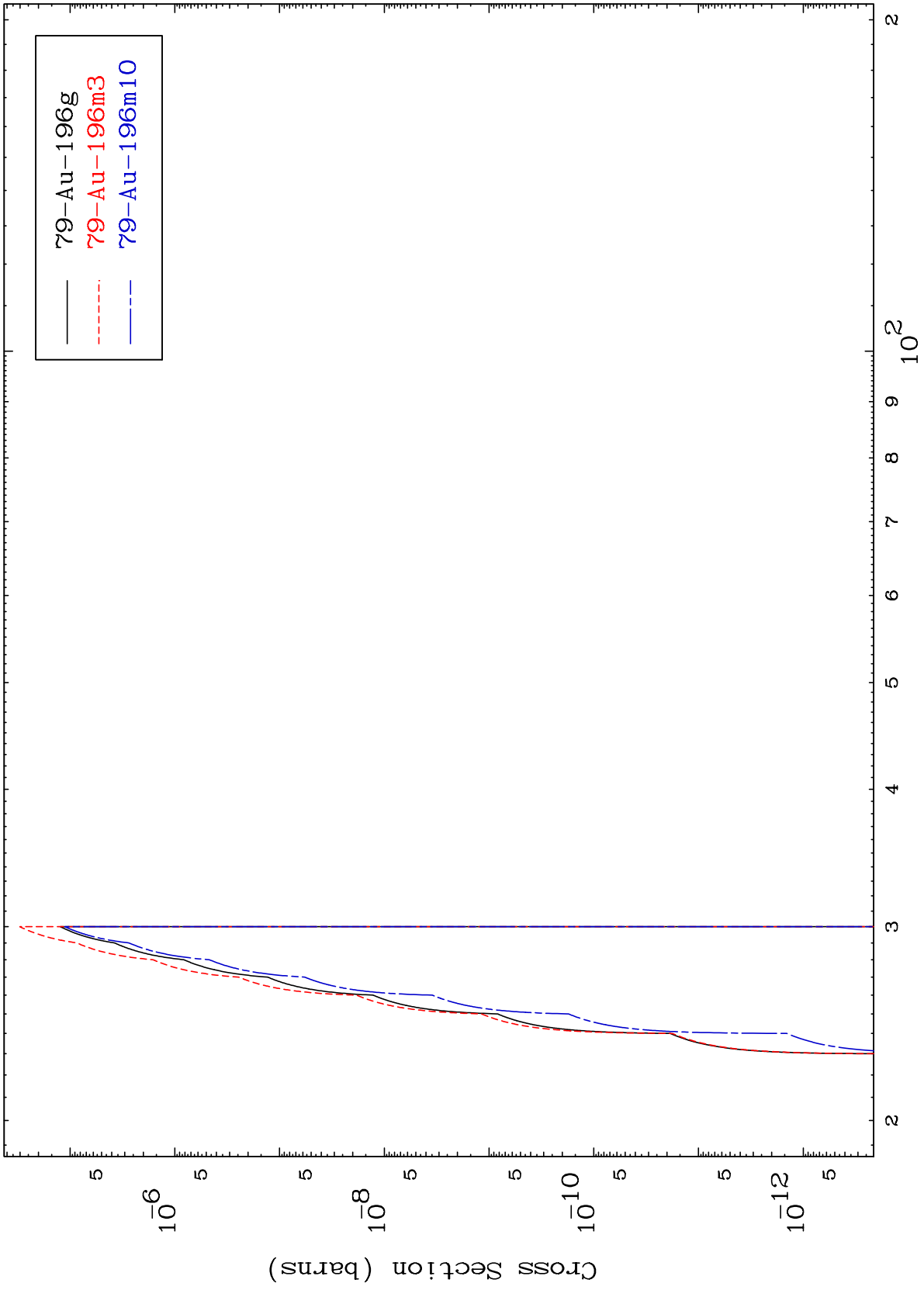


MAT 8035

(n,2n) d

80-Hg-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

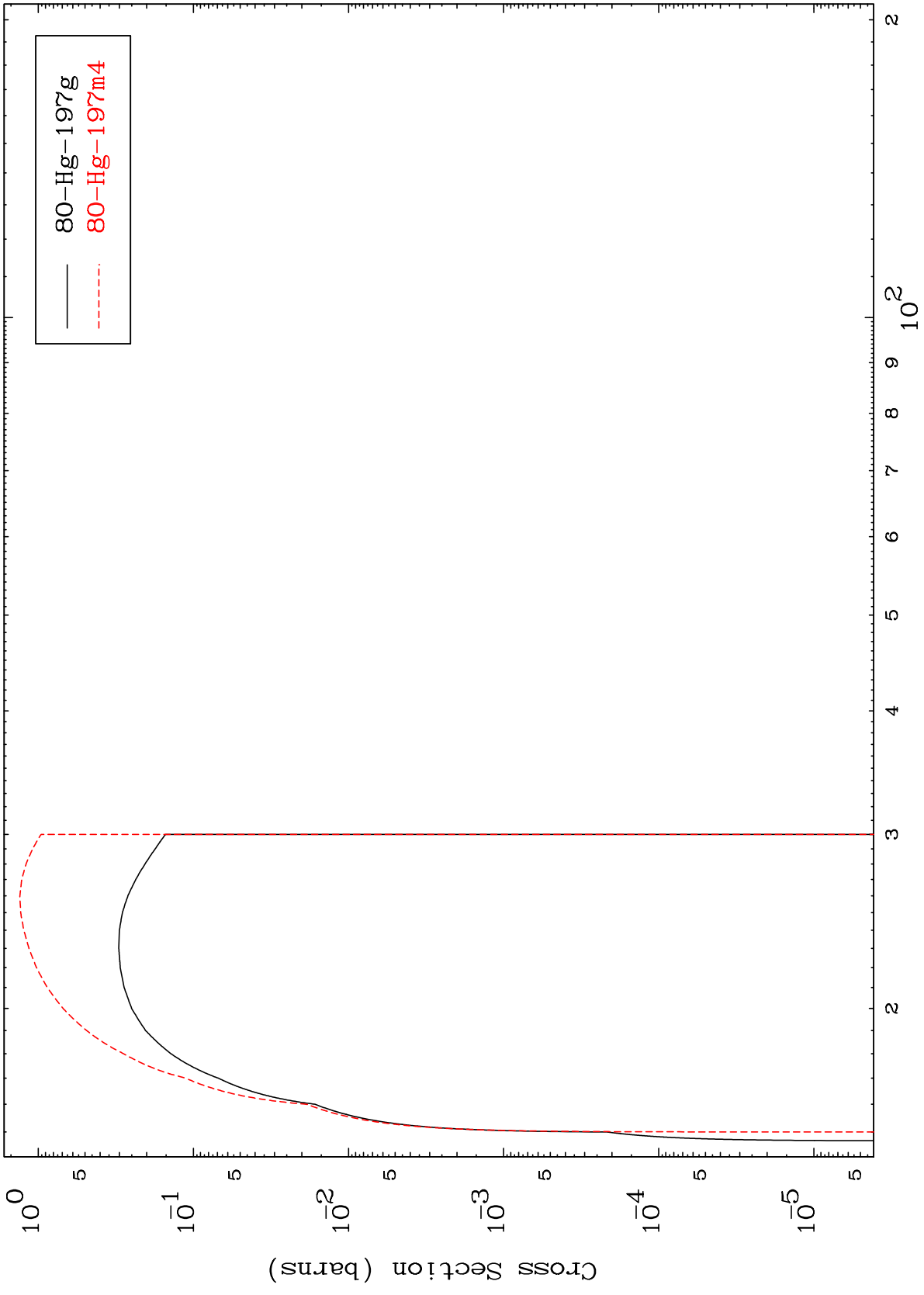
80-Hg-199

MAT 8035

(n,3n)

80-Hg-199

Radionuclide Production Cross Section



21

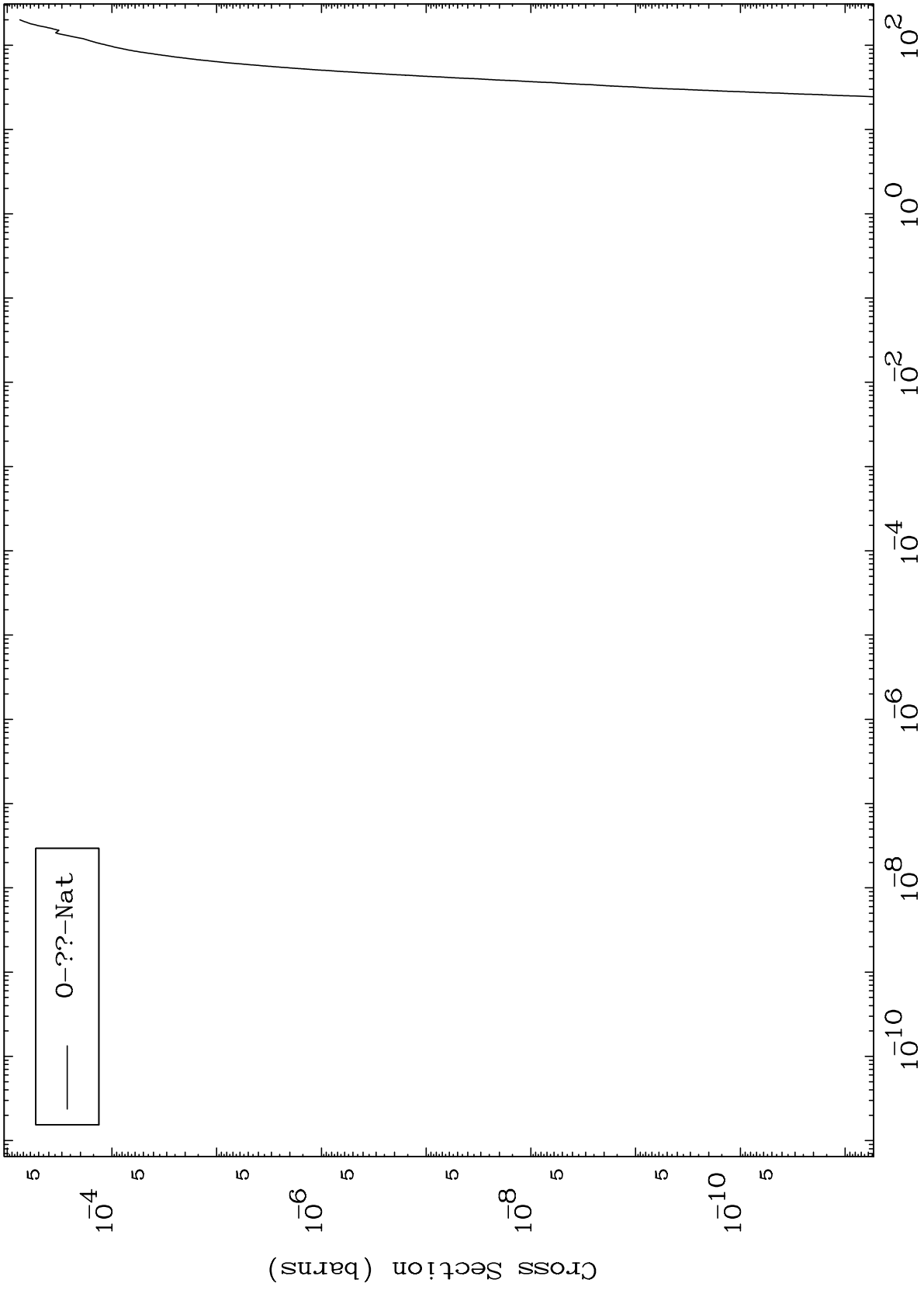
Incident Energy (MeV)

80-Hg-199

MAT 8035

Fission  
Radionuclide Production Cross Section

80-Hg-199



22

Incident Energy (MeV)

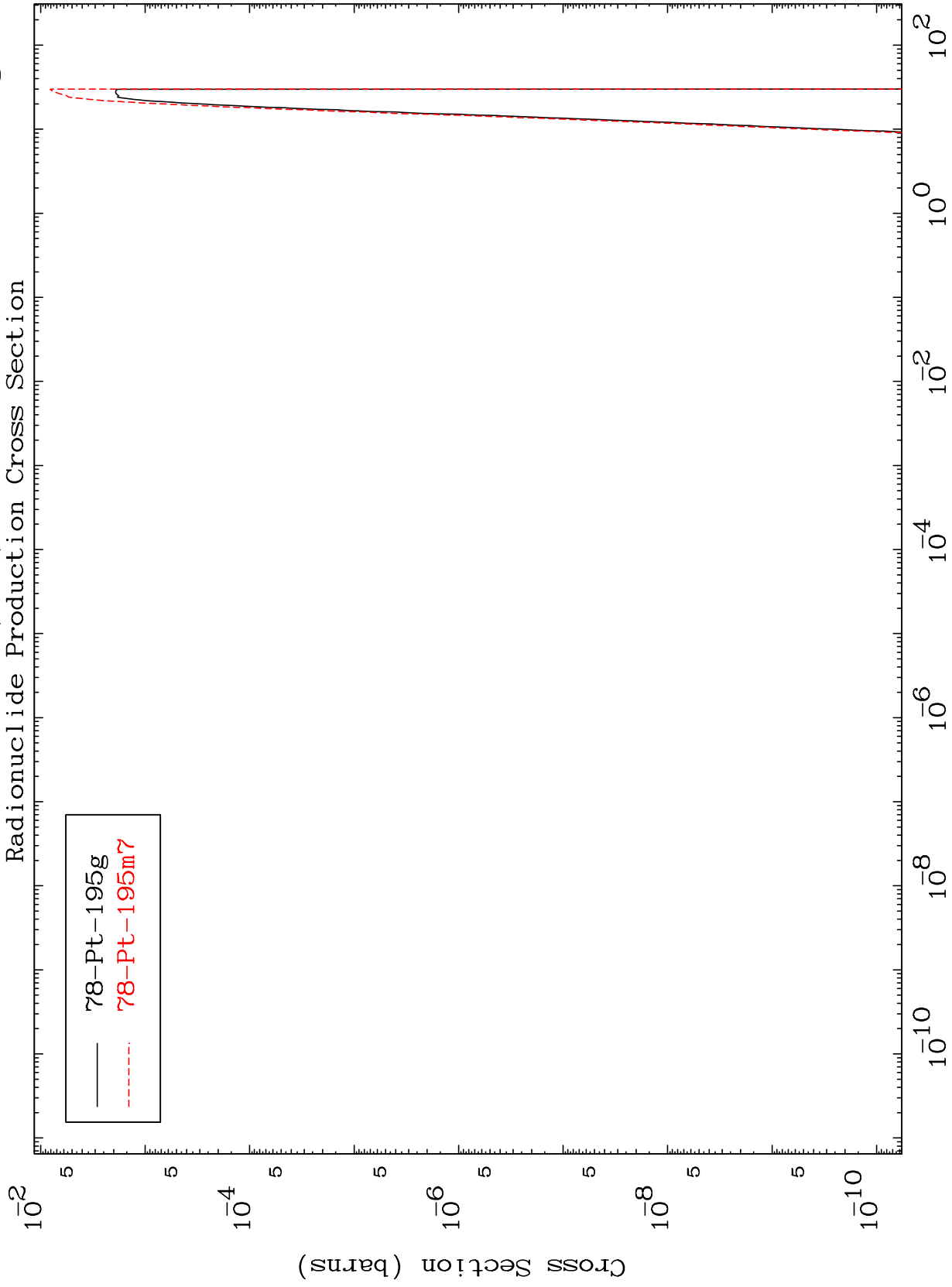
80-Hg-199

MAT 8035

(n,n')  $\alpha$

80-Hg-199

Radionuclide Production Cross Section



23

Incident Energy (MeV)

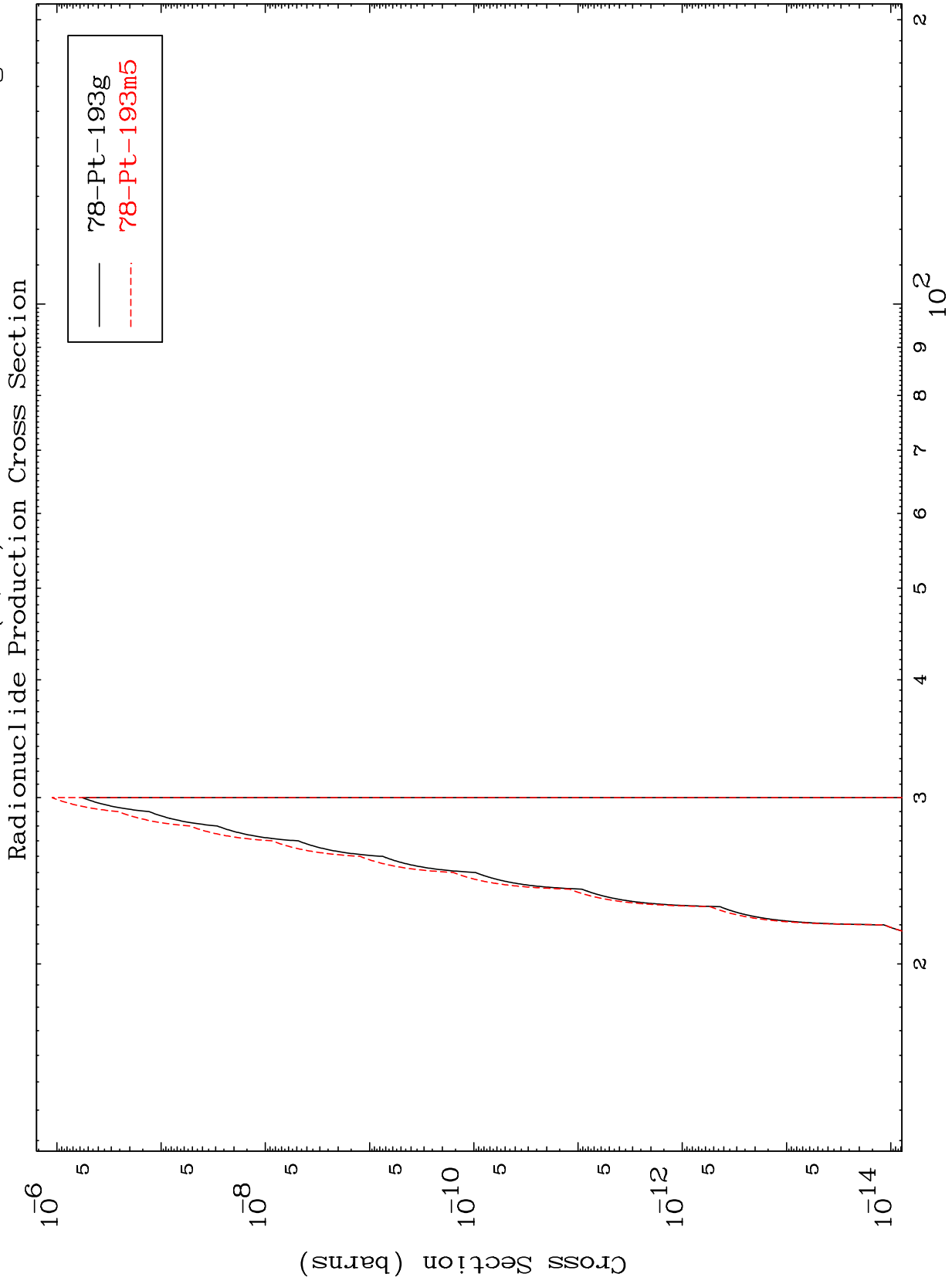
80-Hg-199



MAT 8035

(n,3n)  $\alpha$

80-Hg-199



24

Incident Energy (MeV)

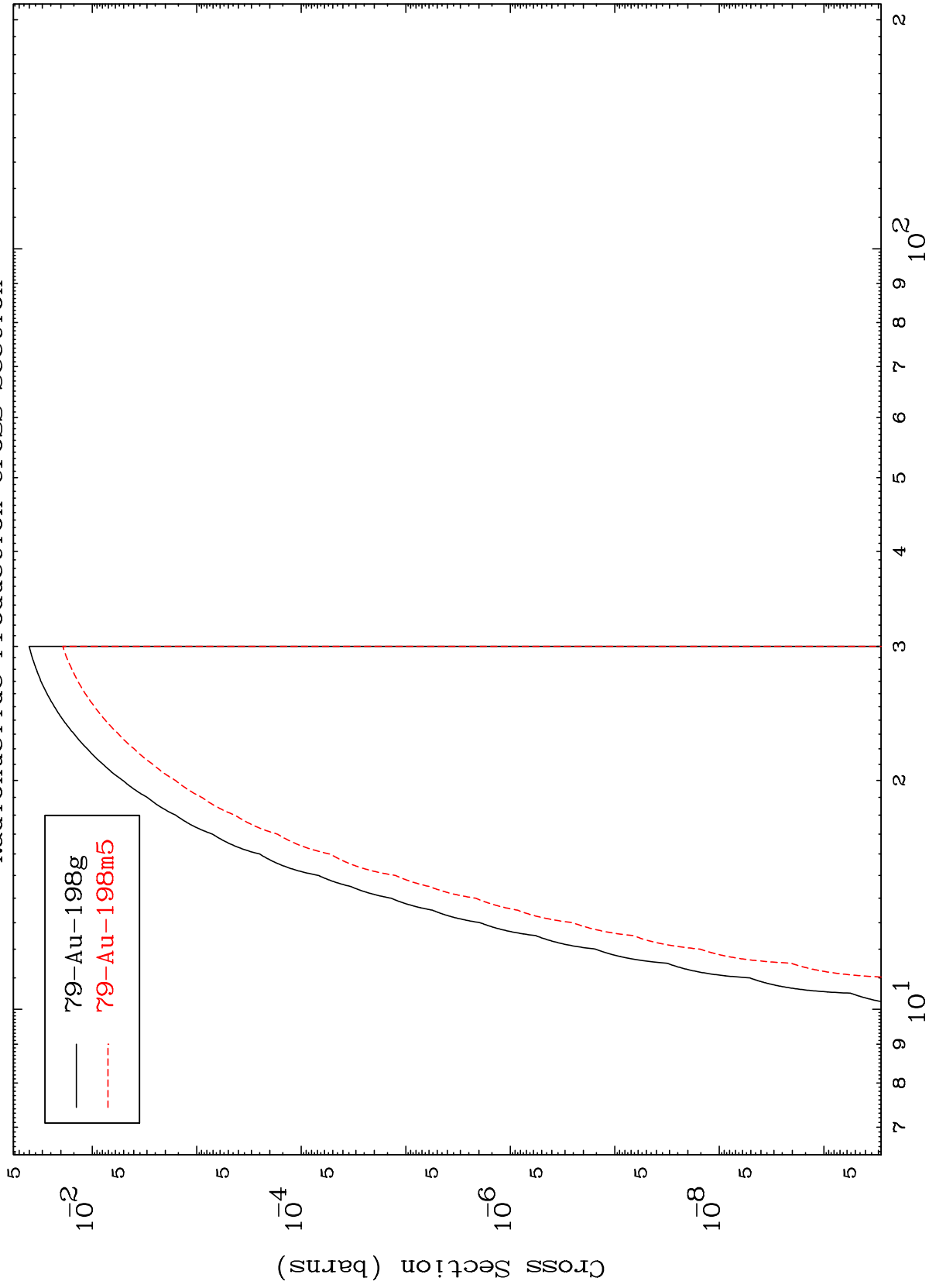
80-Hg-199

MAT 8035

(n,n') p

80-Hg-199

Radionuclide Production Cross Section



25

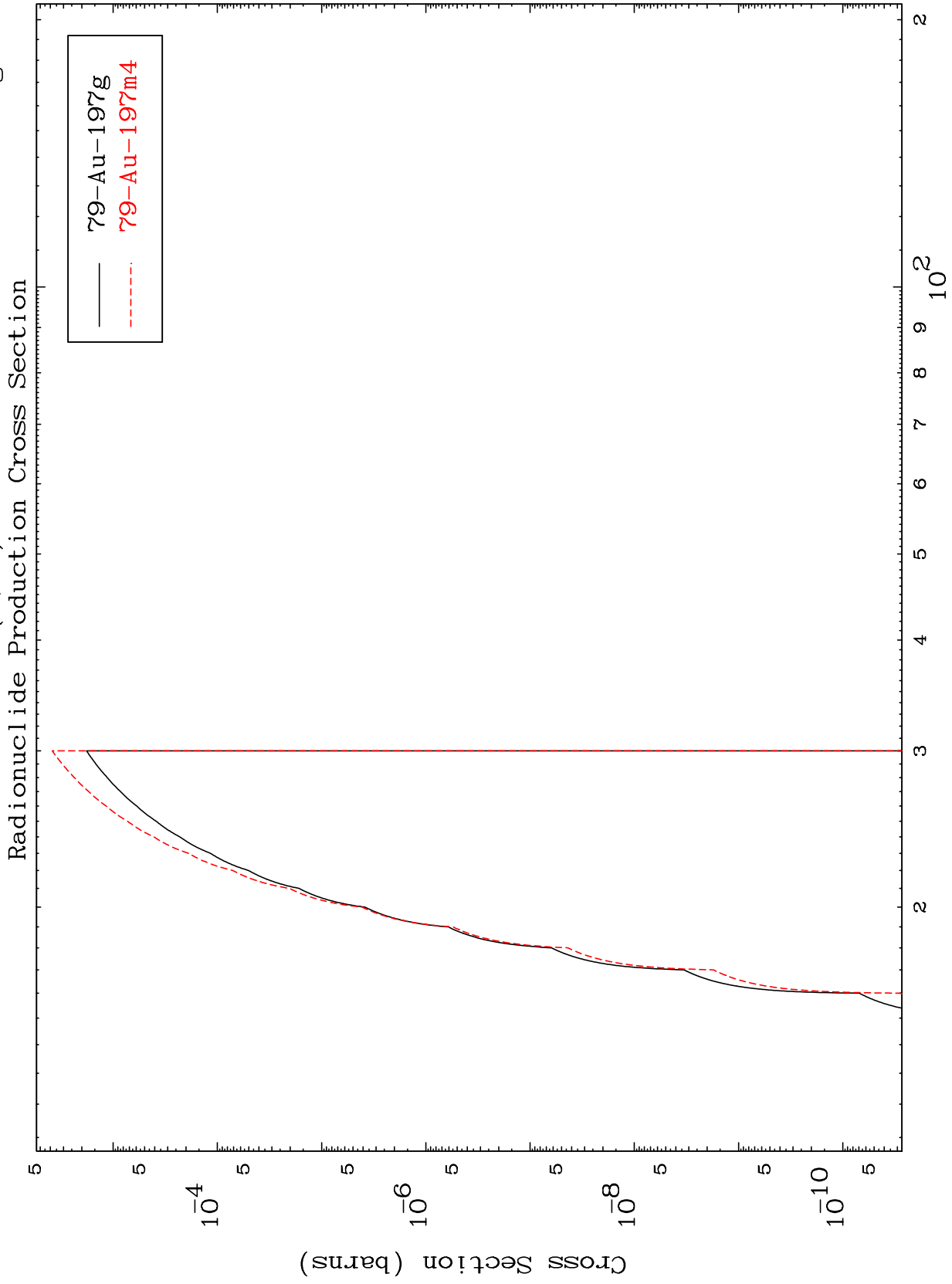
Incident Energy (MeV)

80-Hg-199

MAT 8035

(n,n') d

80-Hg-199



26

Incident Energy (MeV)

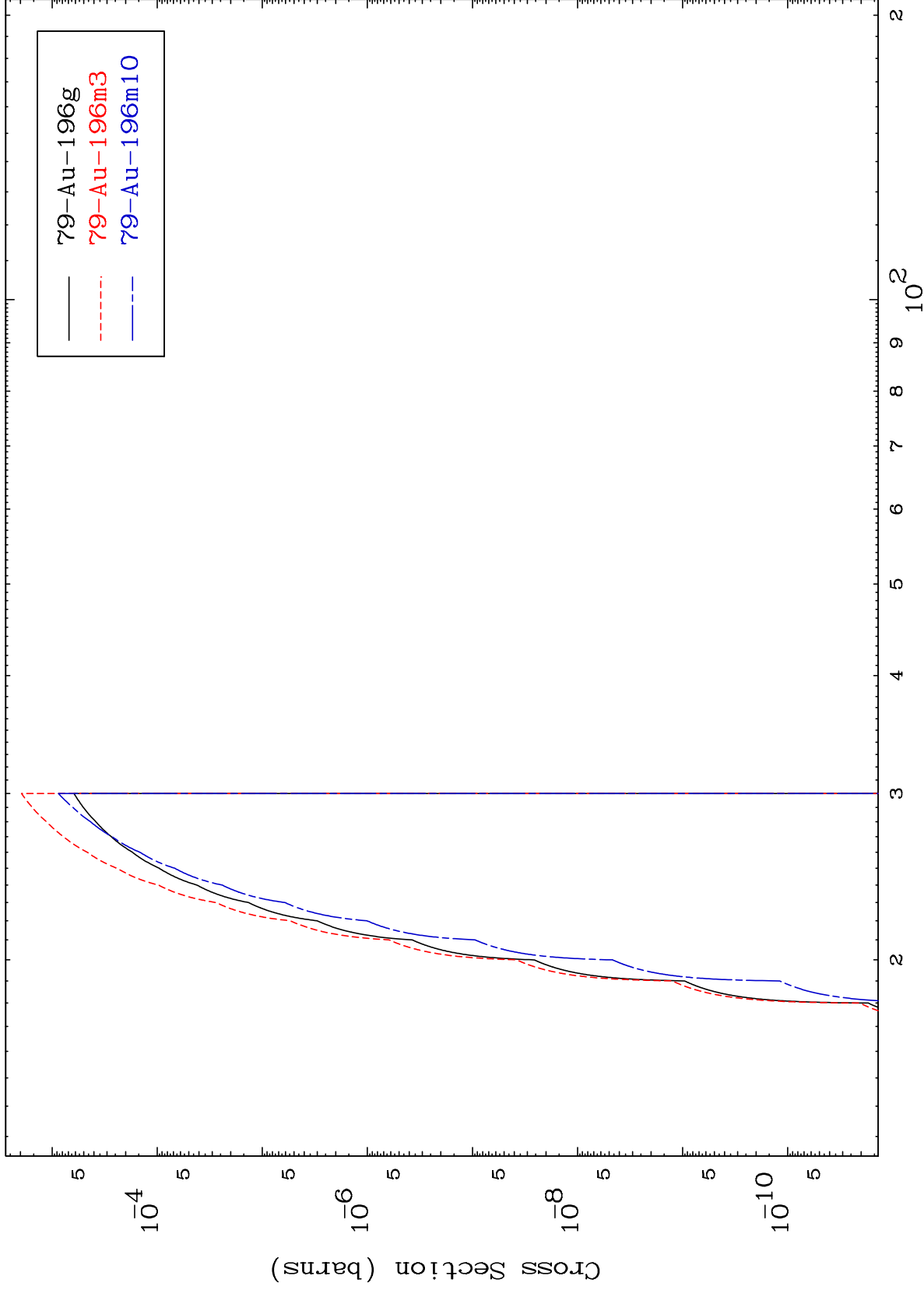
80-Hg-199

MAT 8035

(n,n') t

80-Hg-199

Radionuclide Production Cross Section



27

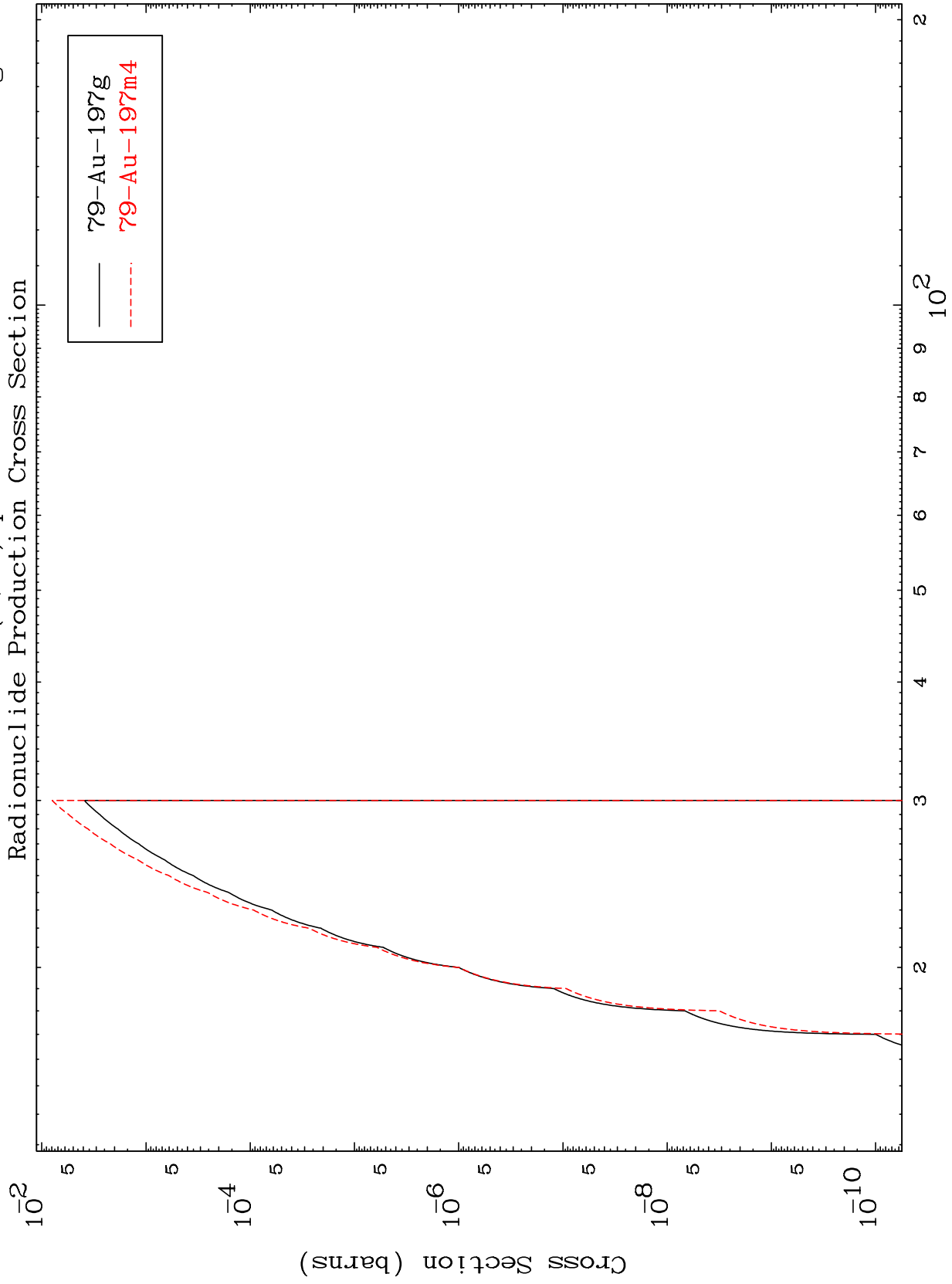
Incident Energy (MeV)

80-Hg-199

MAT 8035

(n,2n) p

80-Hg-199



28

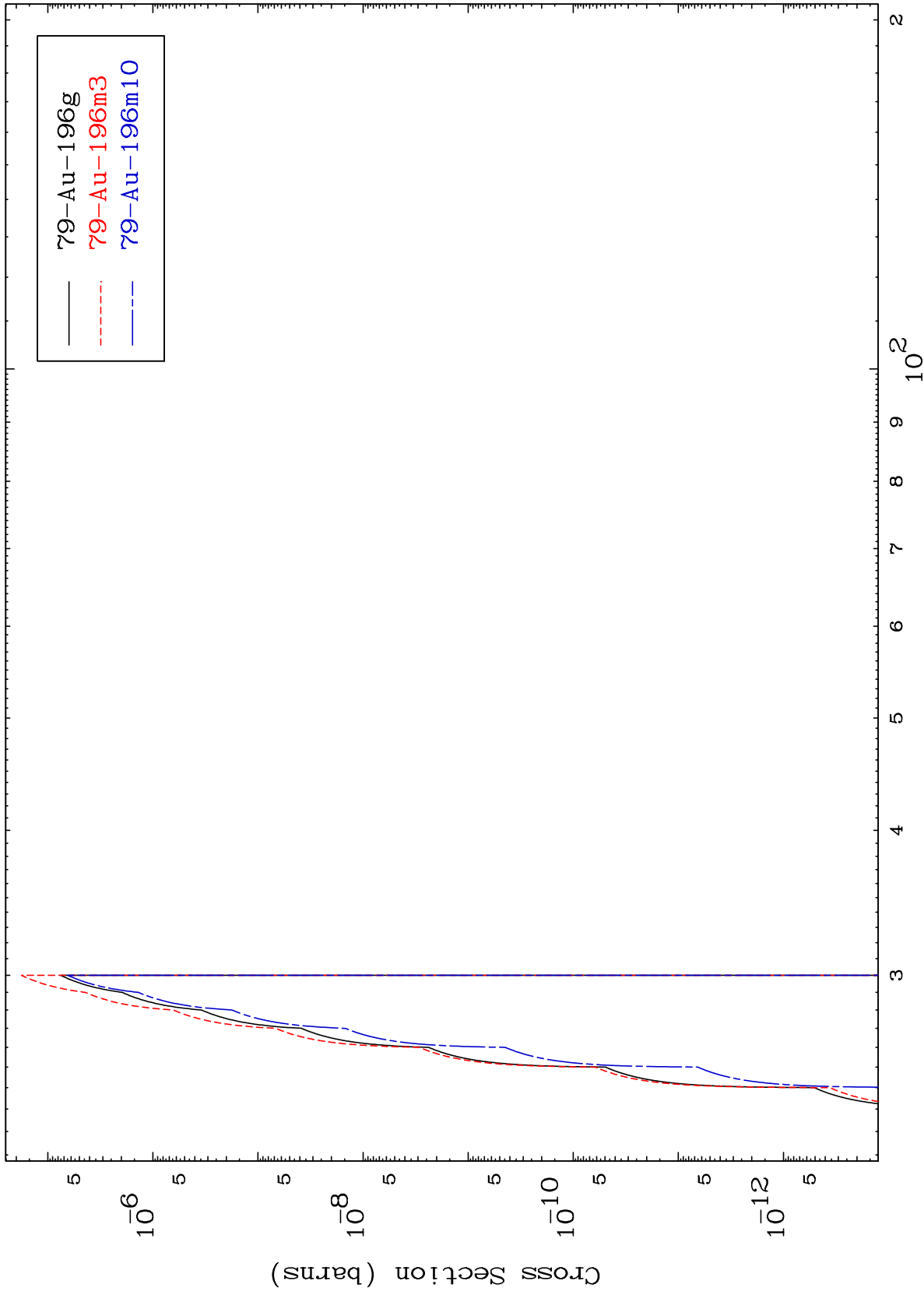
80-Hg-199

MAT 8035

(n,3n) p

80-Hg-199

Radionuclide Production Cross Section



29

Incident Energy (MeV)

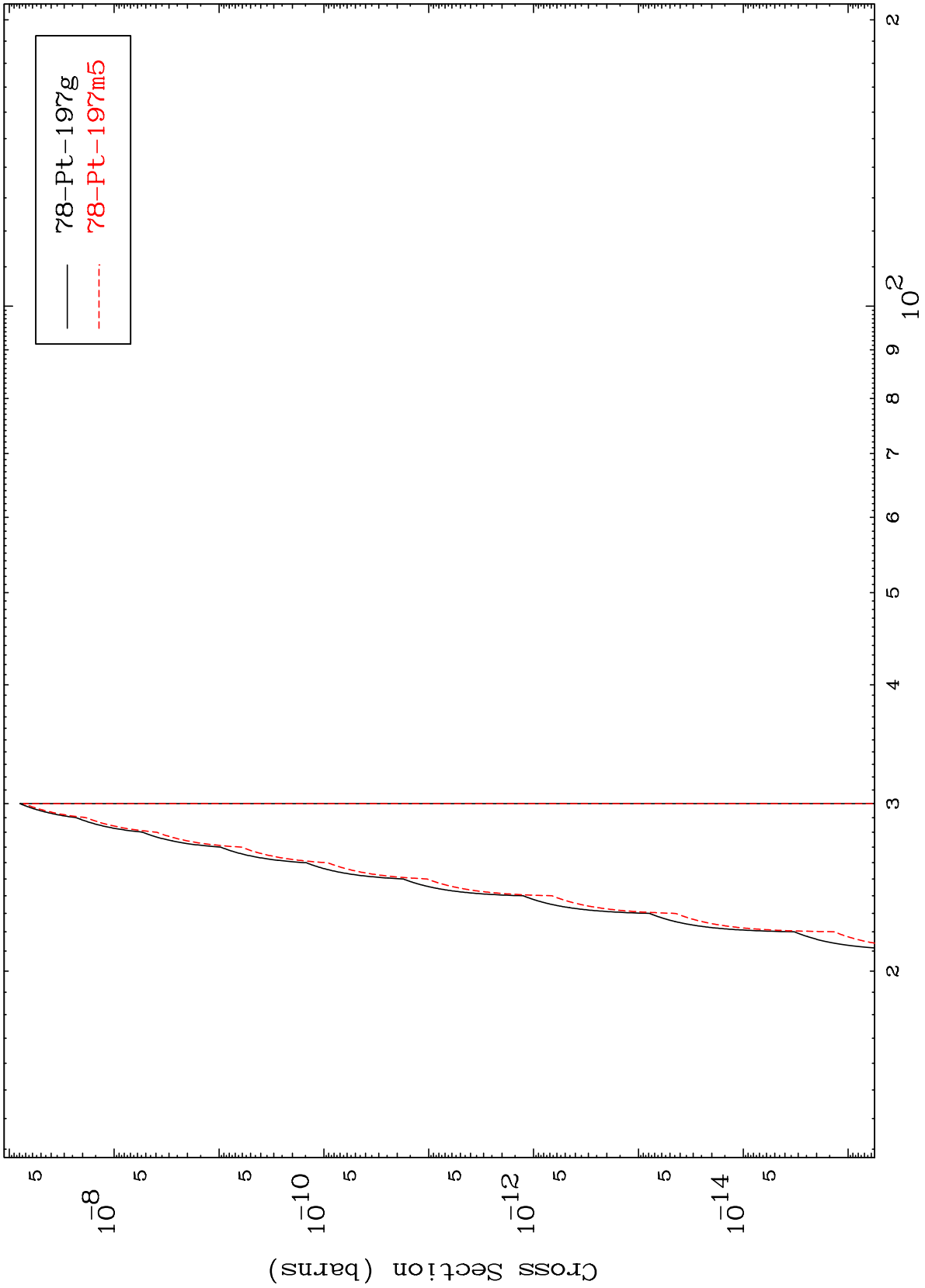
80-Hg-199

MAT 8035

(n,2n) p

80-Hg-199

Radionuclide Production Cross Section

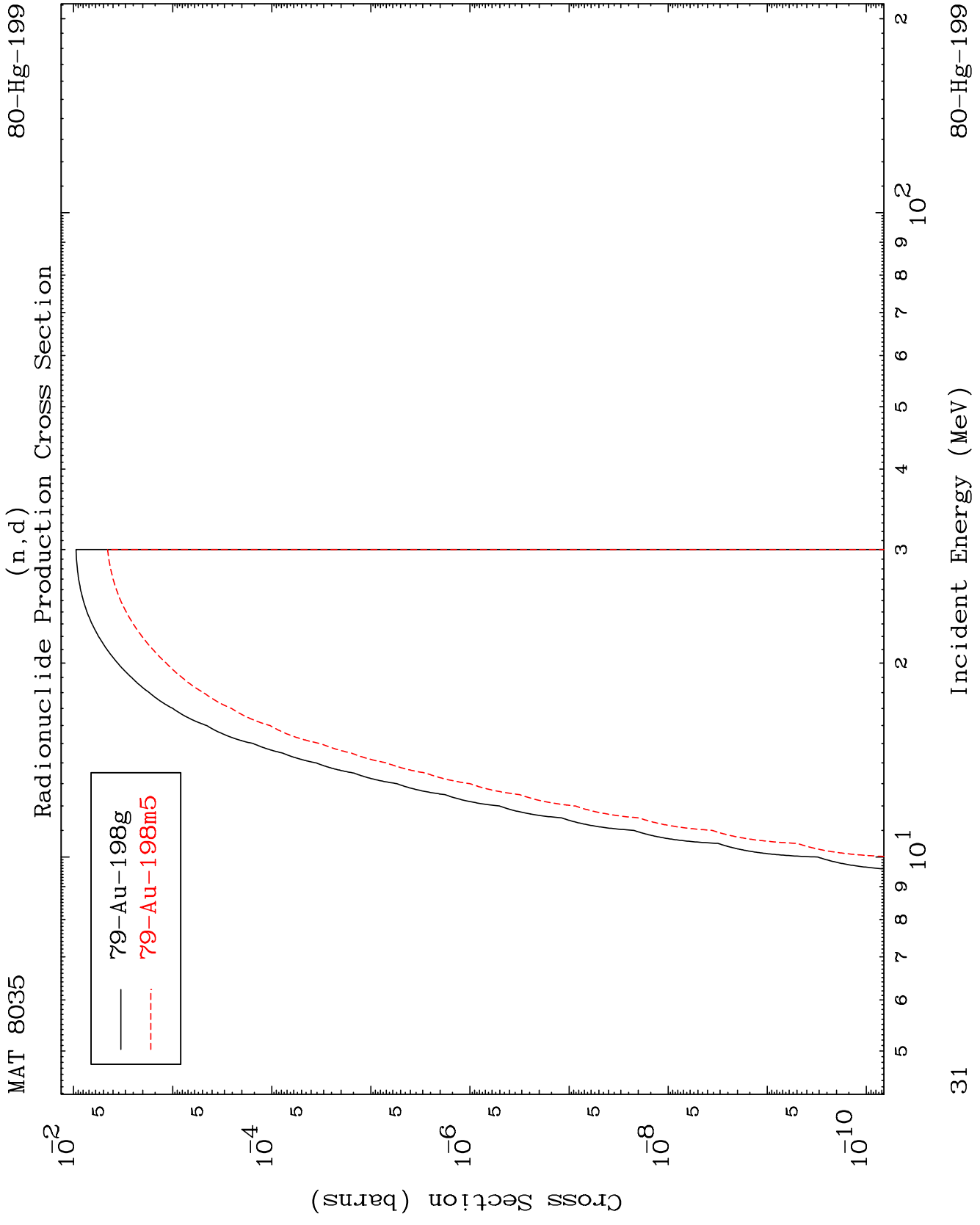


78-Pt-197g  
78-Pt-197m5

30

Incident Energy (MeV)

80-Hg-199



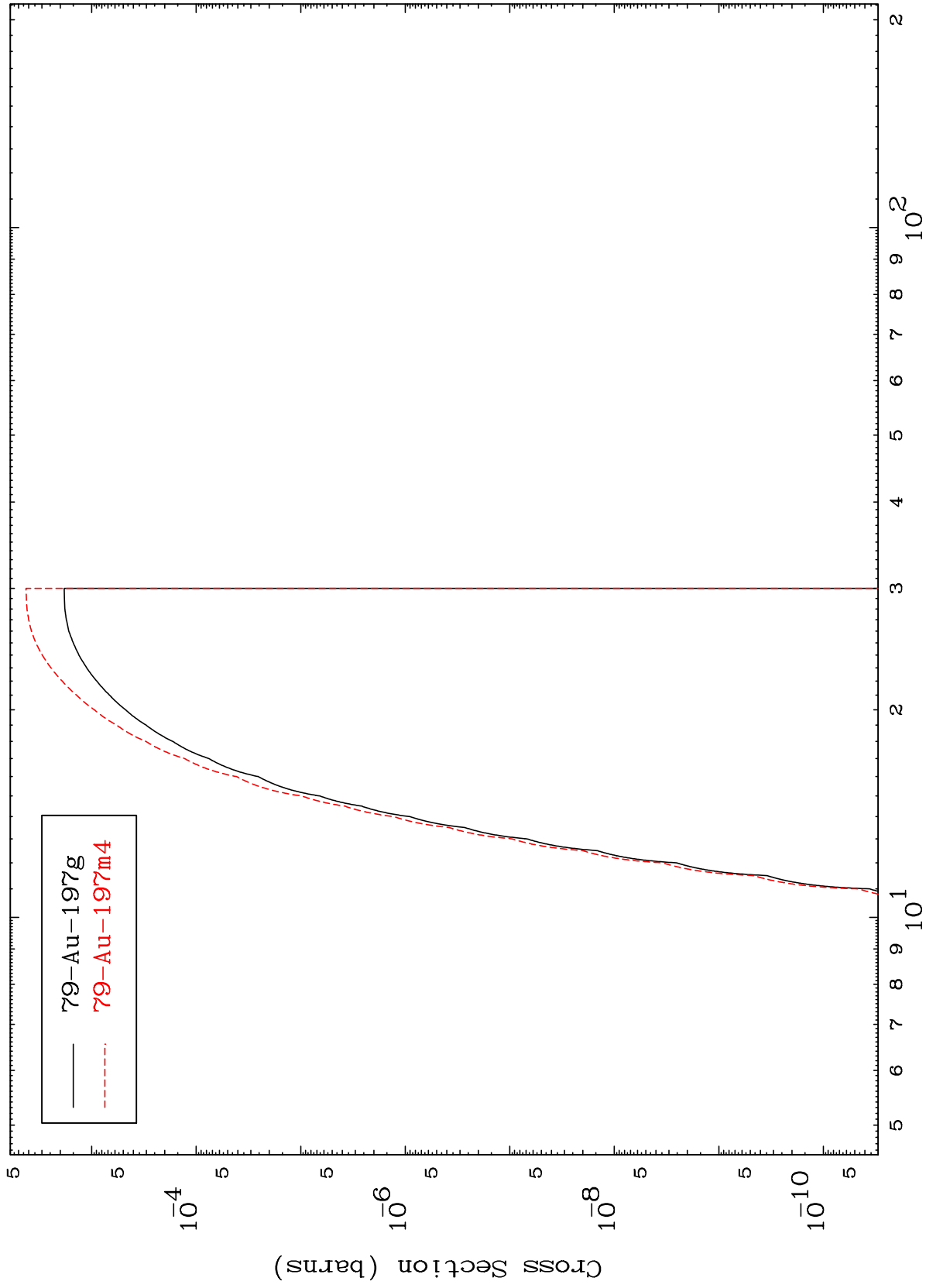


MAT 8035

80-Hg-199

Radionuclide Production Cross Section

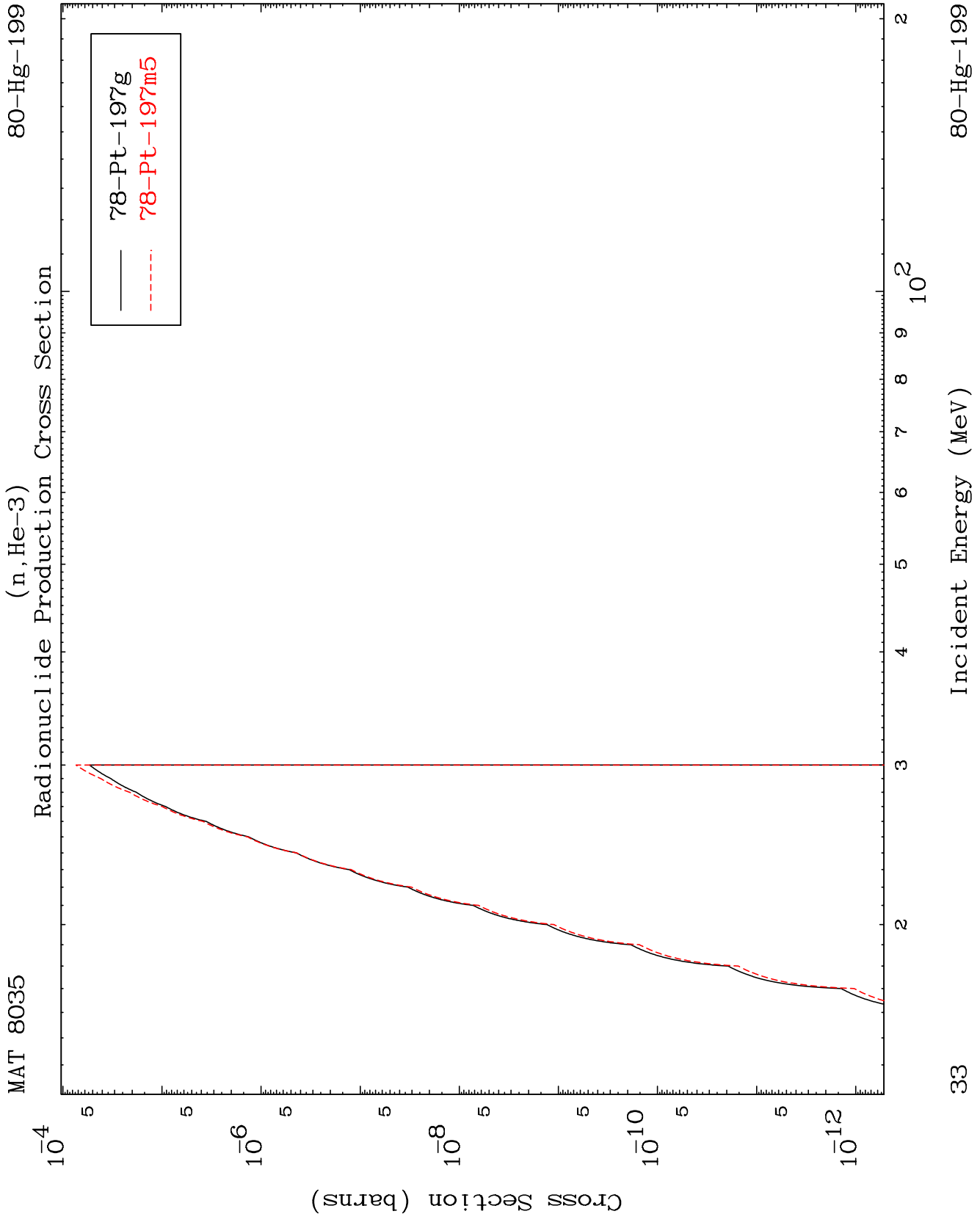
(n, t)



32

Incident Energy (MeV)

80-Hg-199

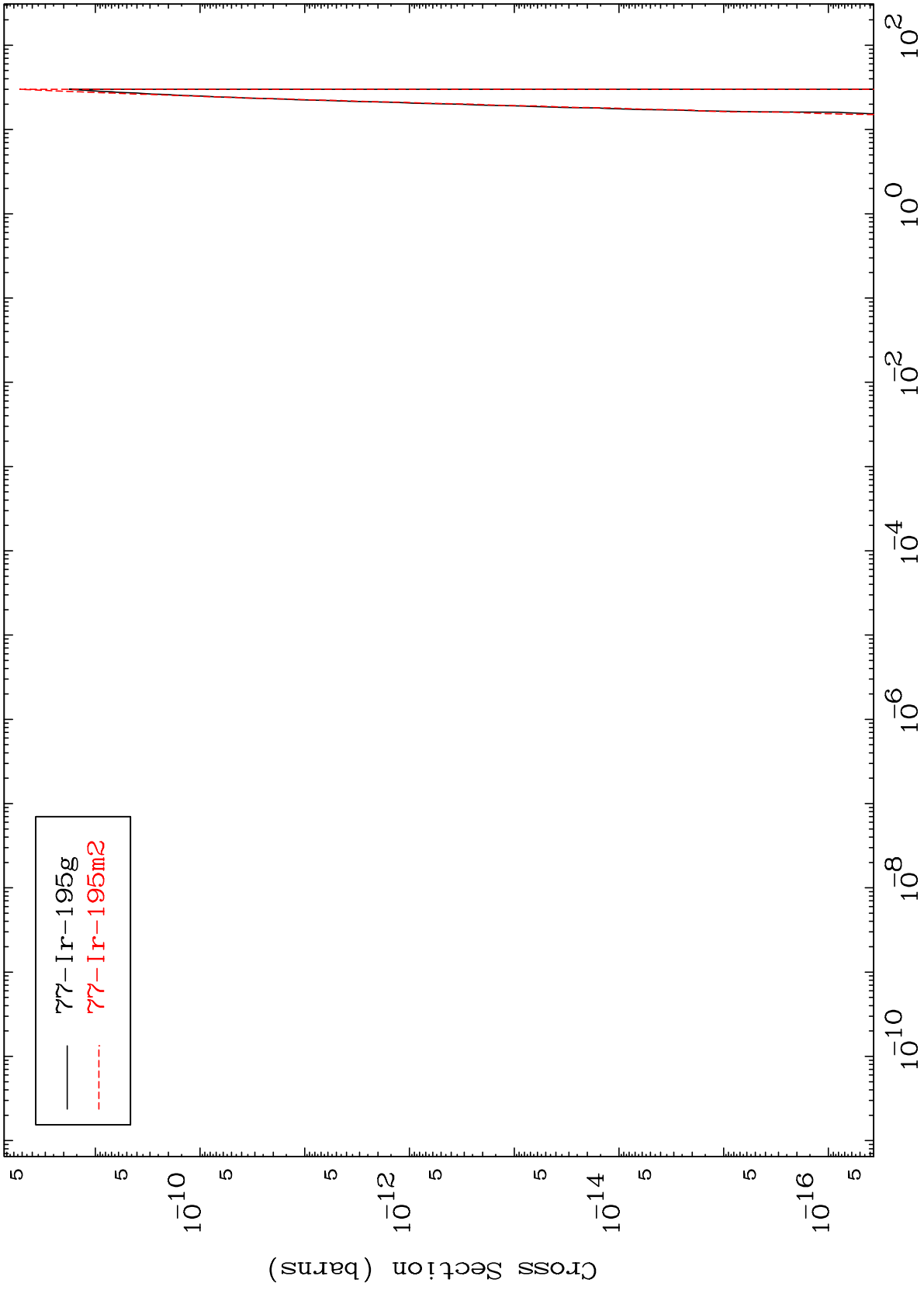


MAT 8035

(n,p)  $\alpha$

80-Hg-199

Radionuclide Production Cross Section



34

Incident Energy (MeV)

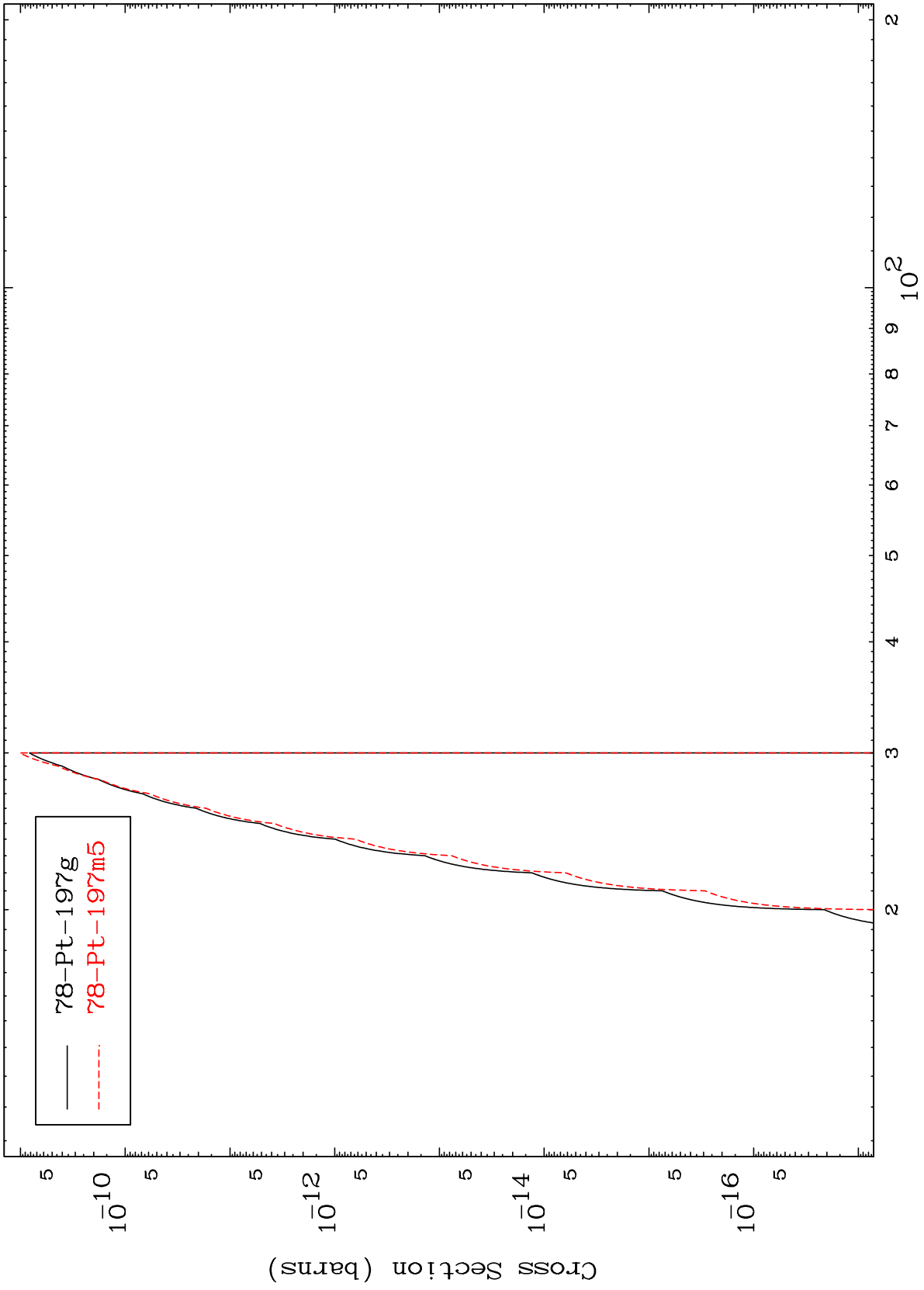
80-Hg-199

MAT 8035

(n,p) d

80-Hg-199

Radionuclide Production Cross Section



35

Incident Energy (MeV)

80-Hg-199