

Program EVALPLOT  
(Version 2018-1)

by

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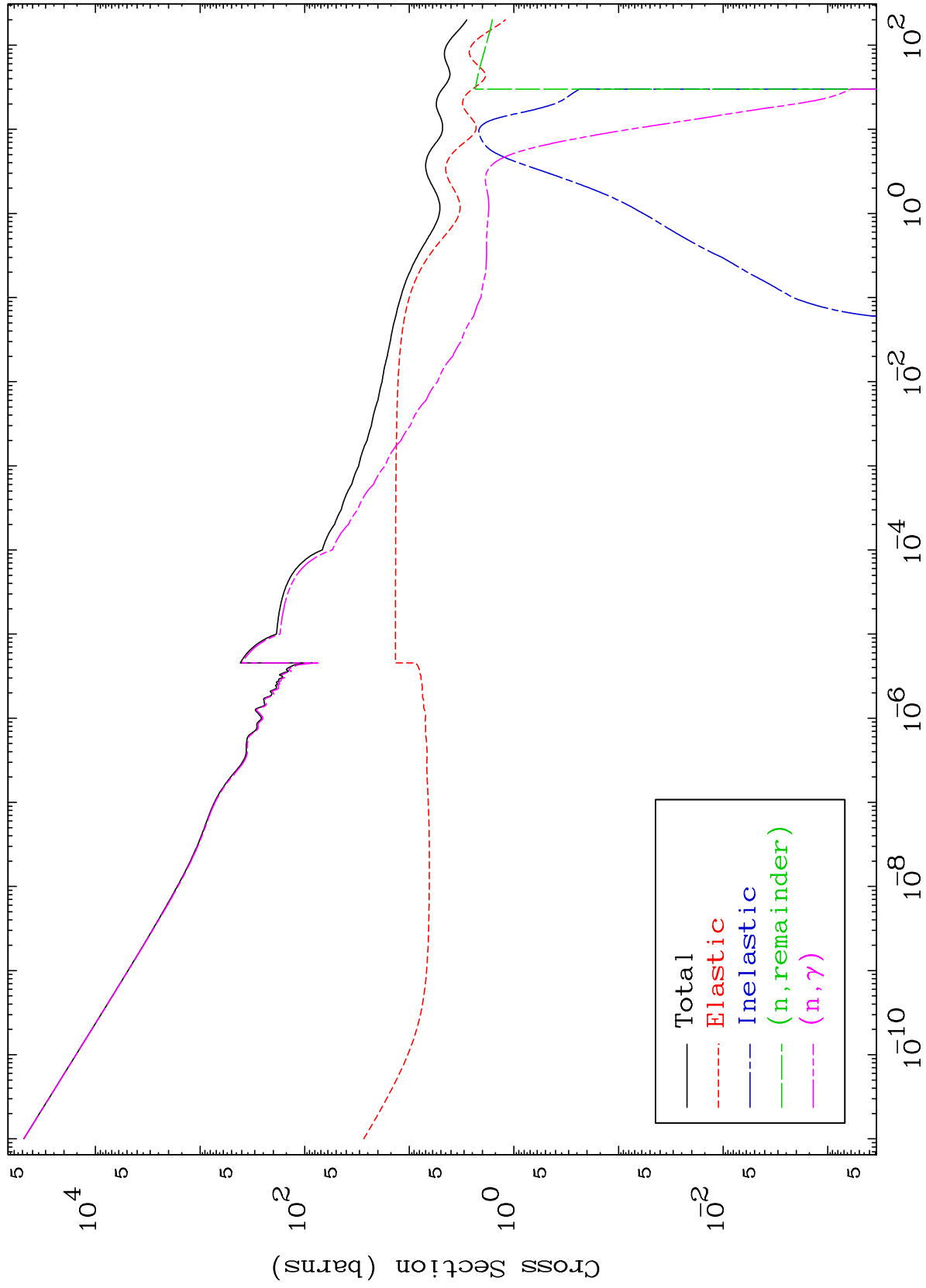
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8081

Major  
293 Kelvin Cross Sections

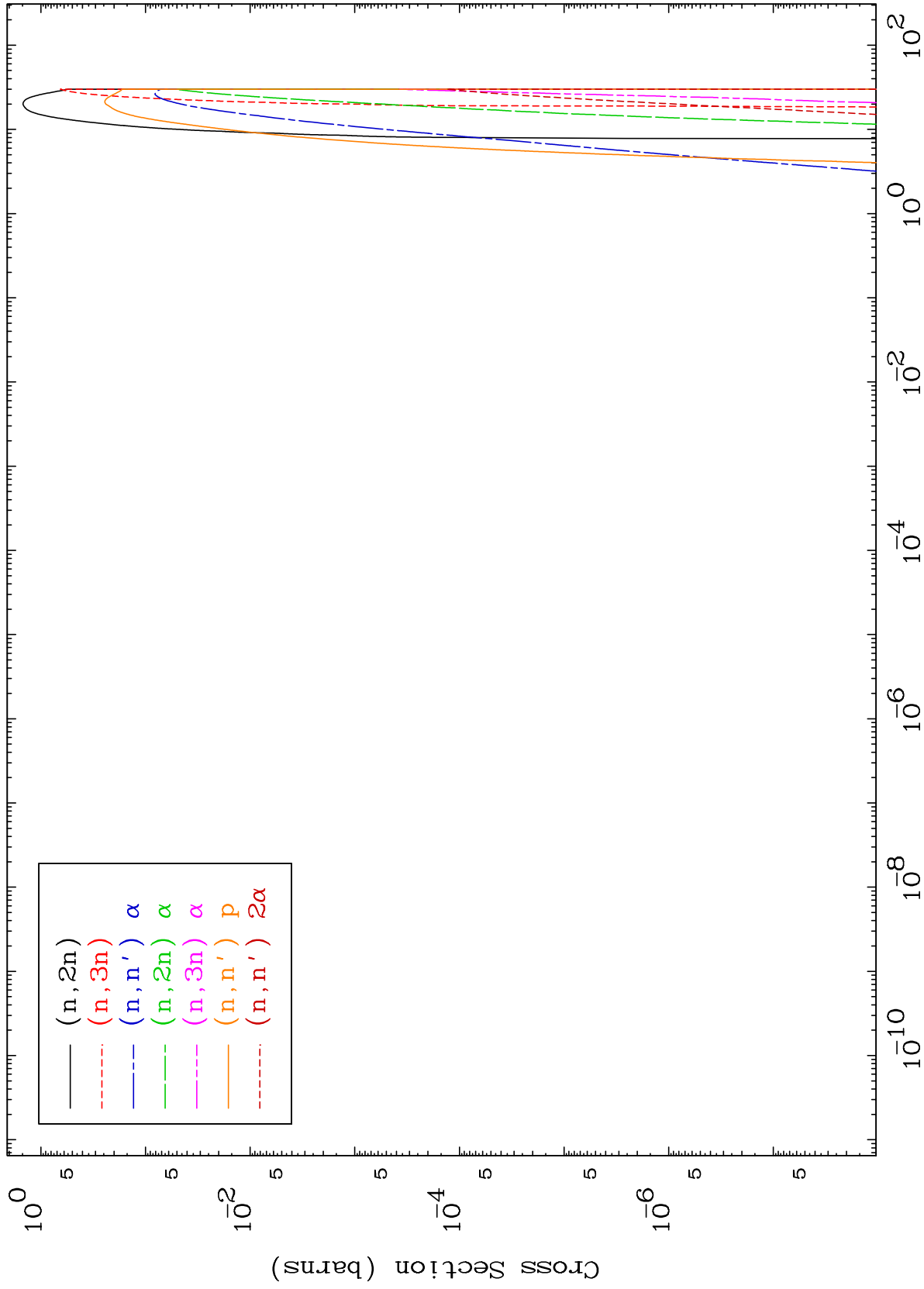
81-Tl-188



MAT 8081

Neutron Production  
293 Kelvin Cross Sections

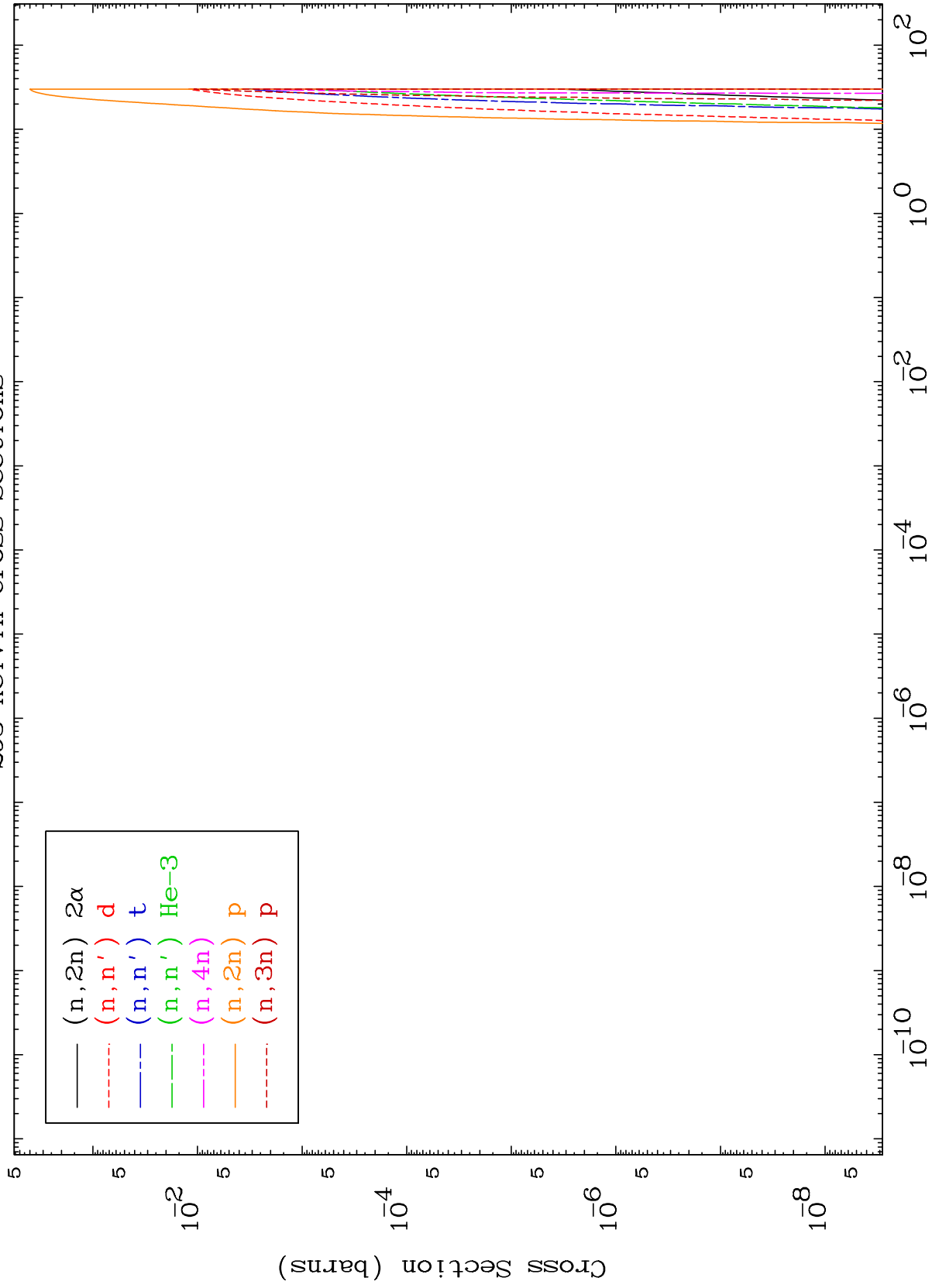
81-Tl-188



MAT 8081

Neutron Production  
293 Kelvin Cross Sections

81-Tl-188



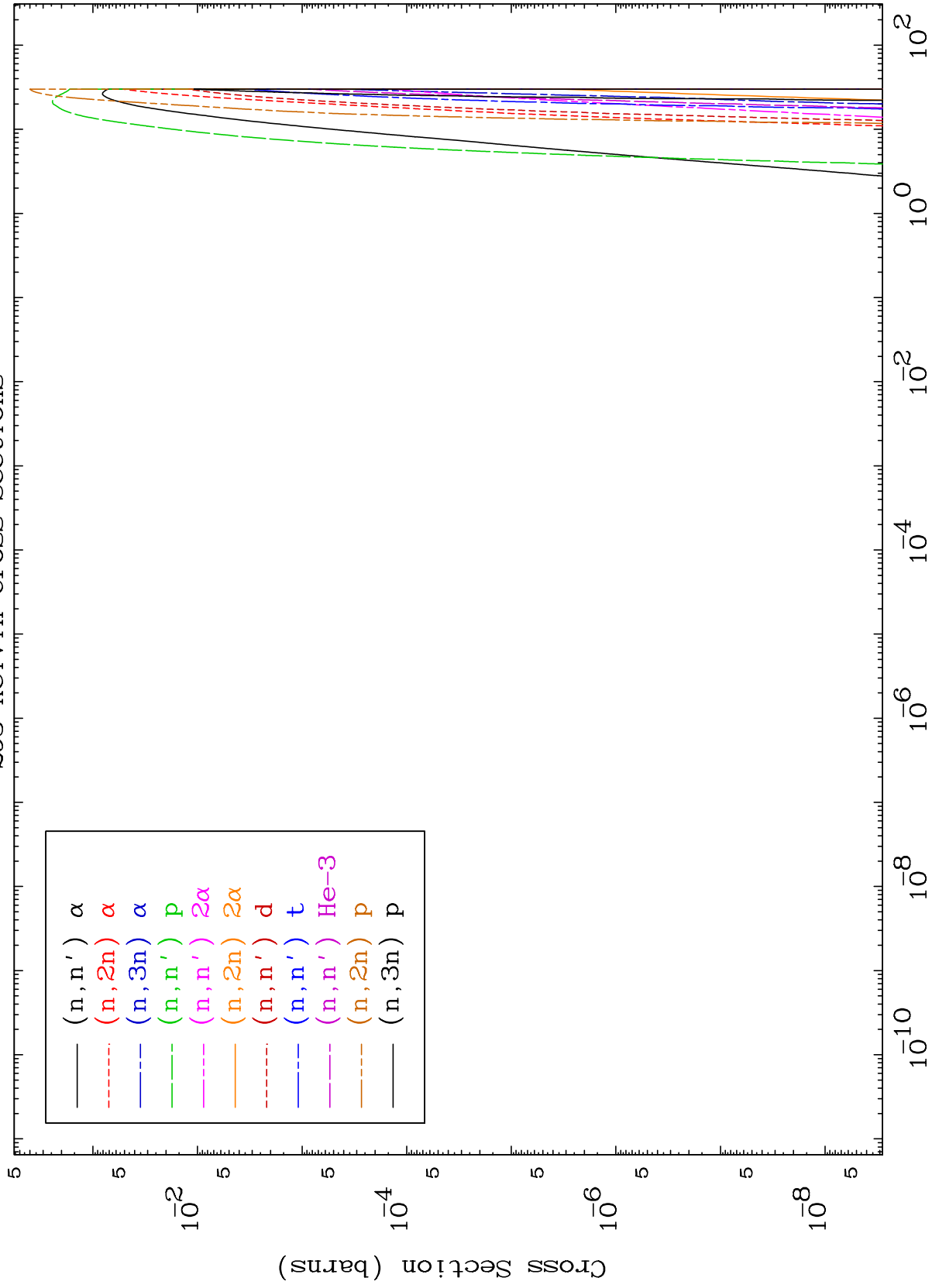
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81-Tl-188

MAT 8081

293 Kelvin Cross Sections

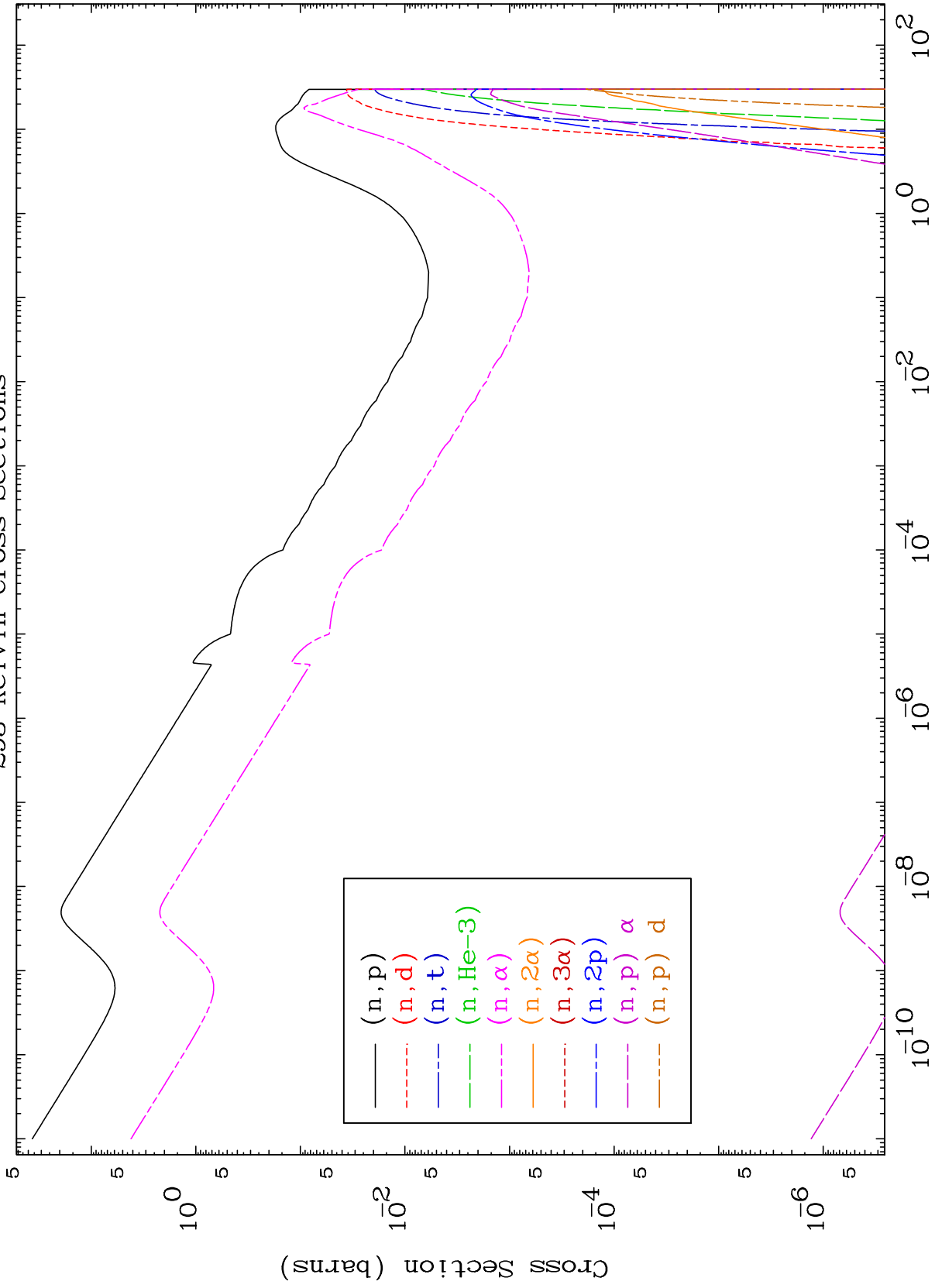
81-Tl-188



MAT 8081

293 Kelvin Cross Sections

81-Tl-188



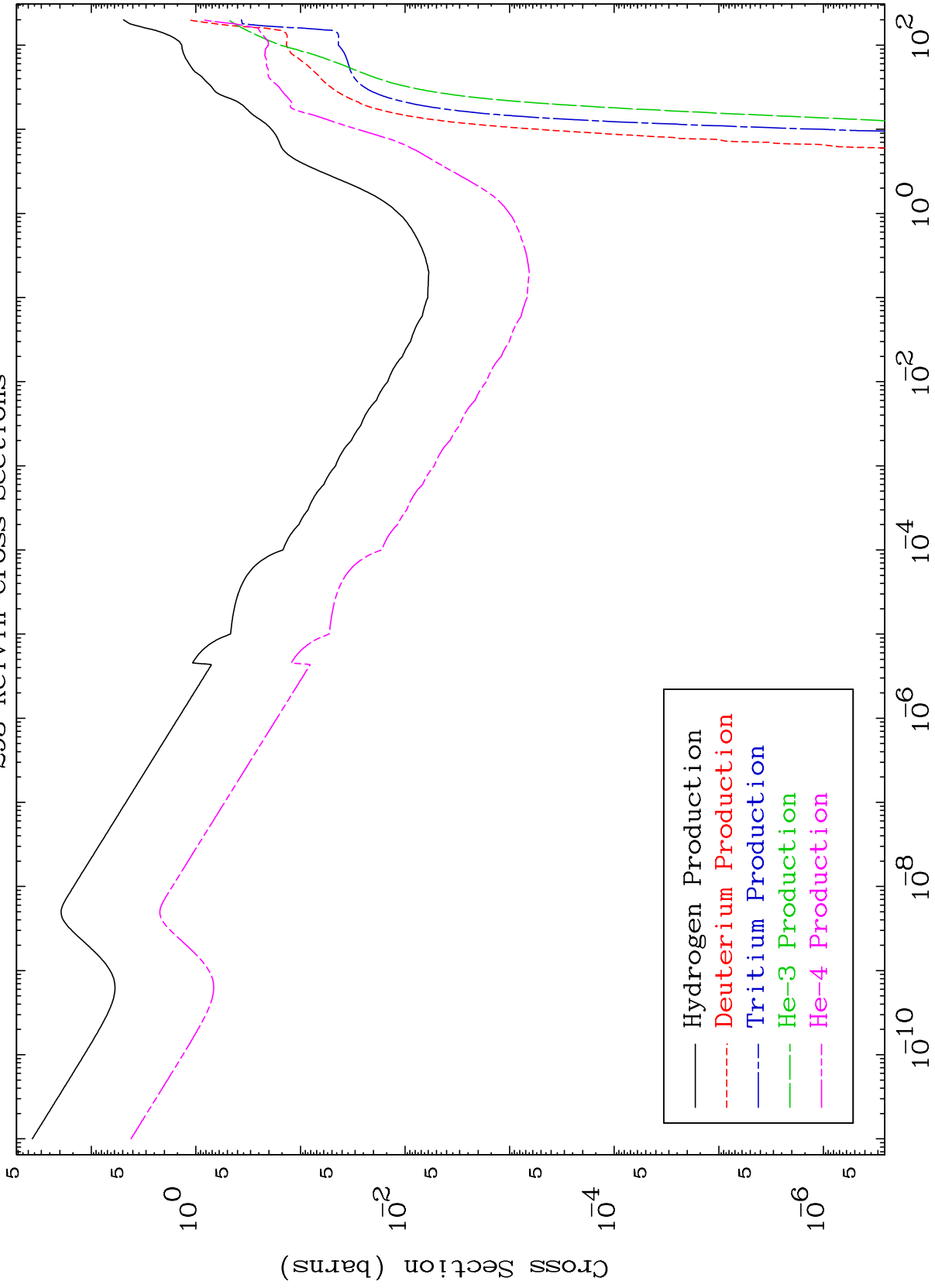
5

81-Tl-188

MAT 8081

Particle Production  
293 Kelvin Cross Sections

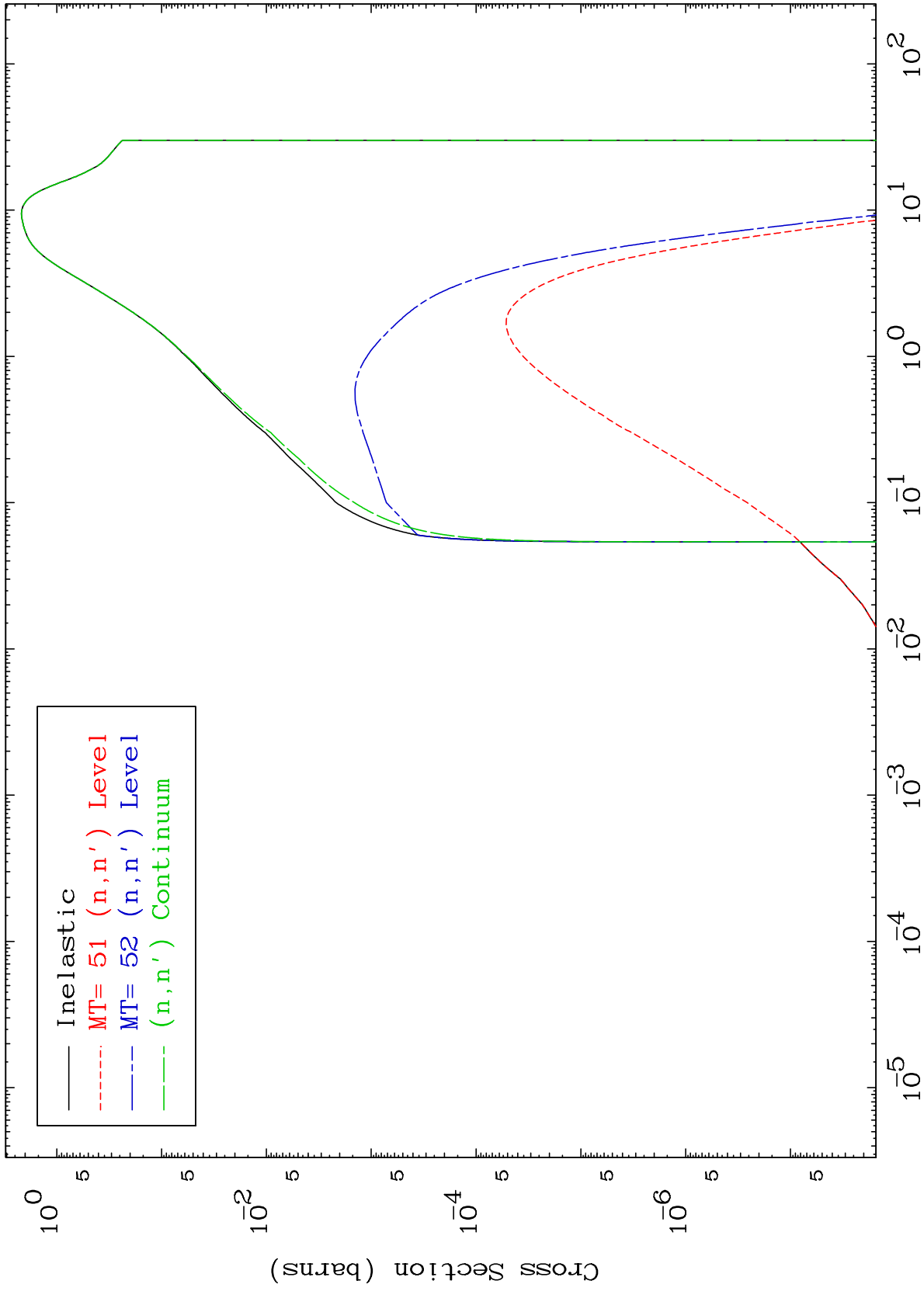
81-Tl-188



MAT 8081

(n,n') Level  
293 Kelvin Cross Sections

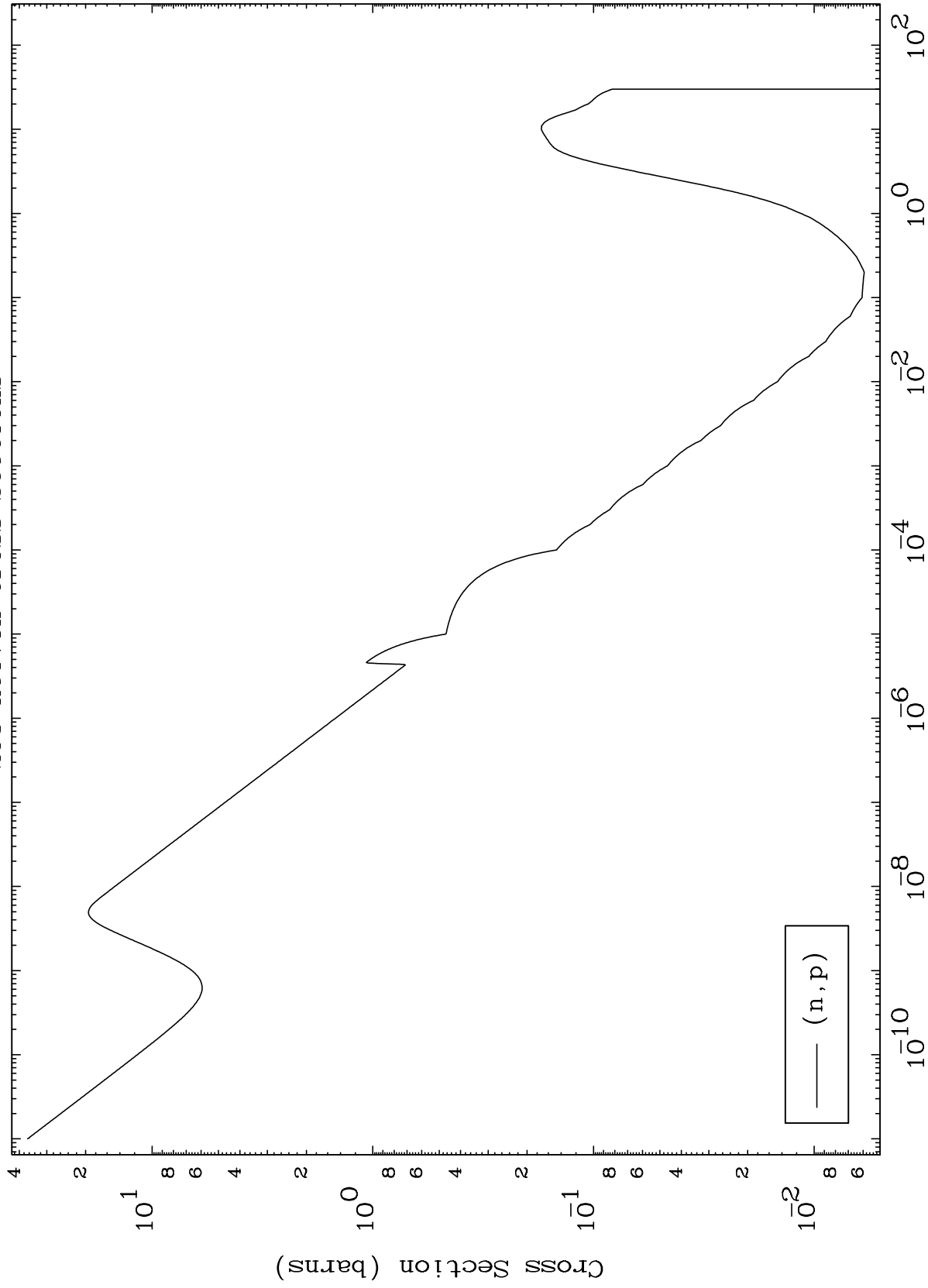
81-Tl-188



MAT 8081

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-188



8

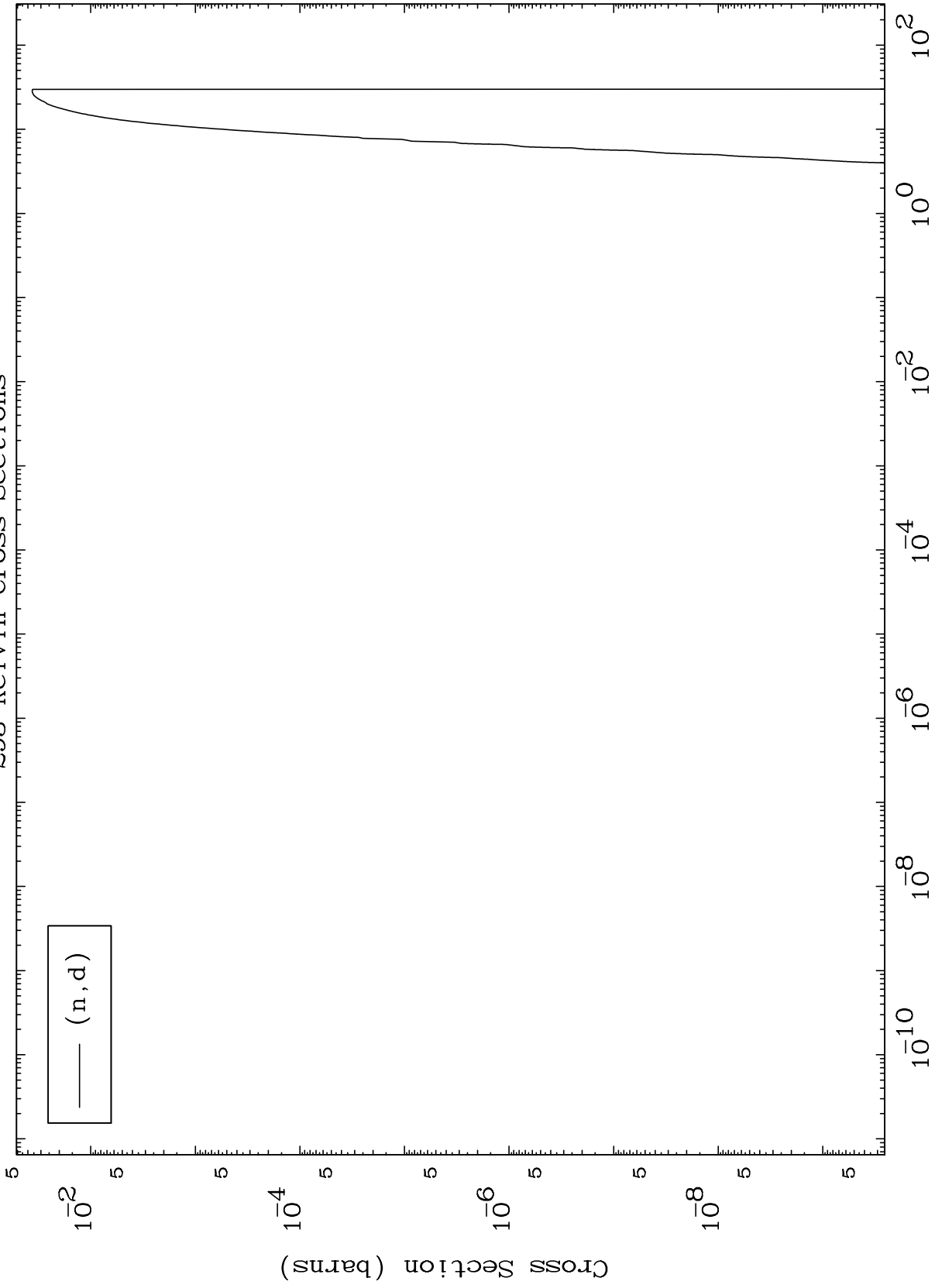
Incident Energy (MeV)

81-Tl-188

MAT 8081

(n,d) Levels  
293 Kelvin Cross Sections

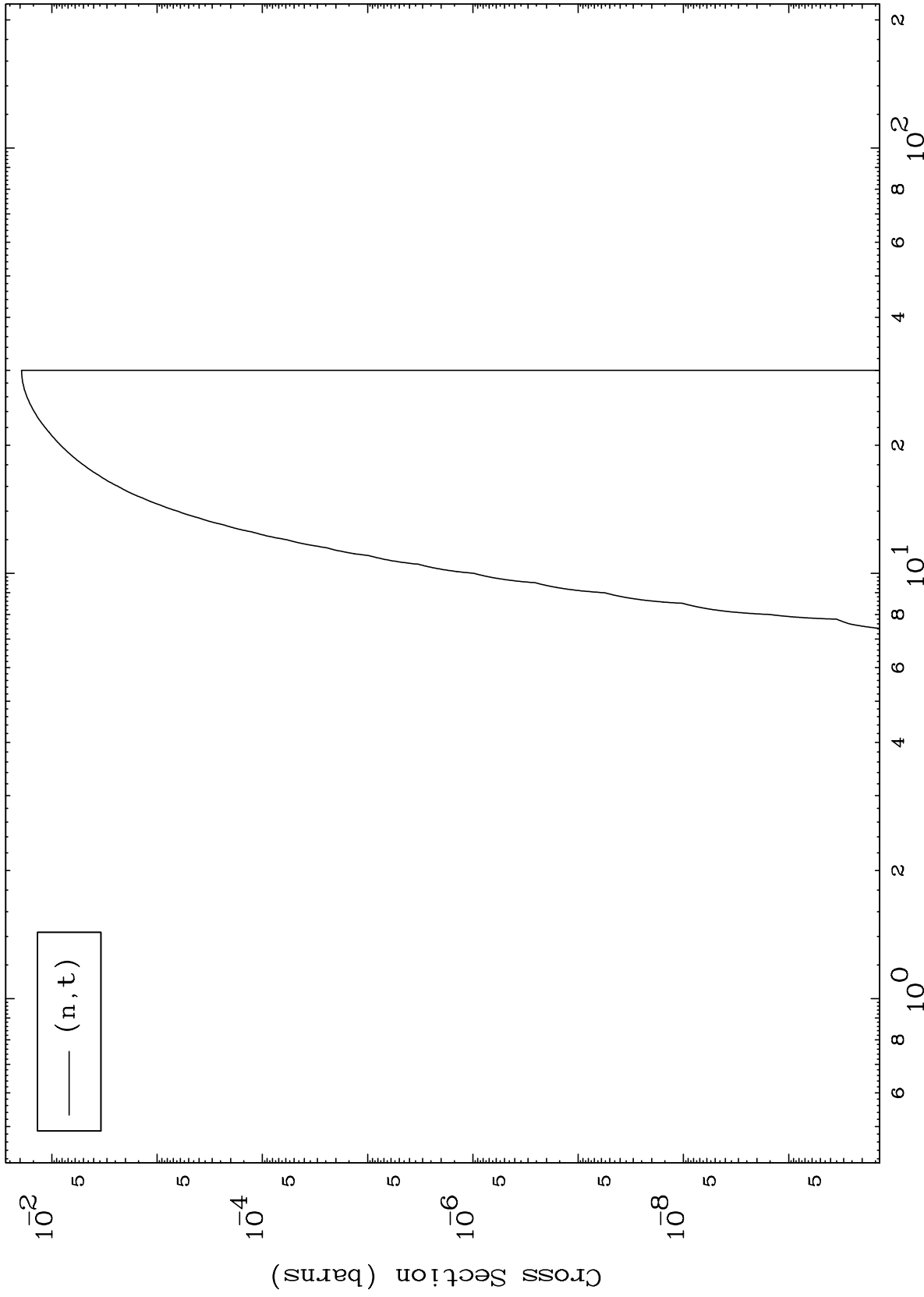
81-Tl-188



MAT 8081

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-188



10

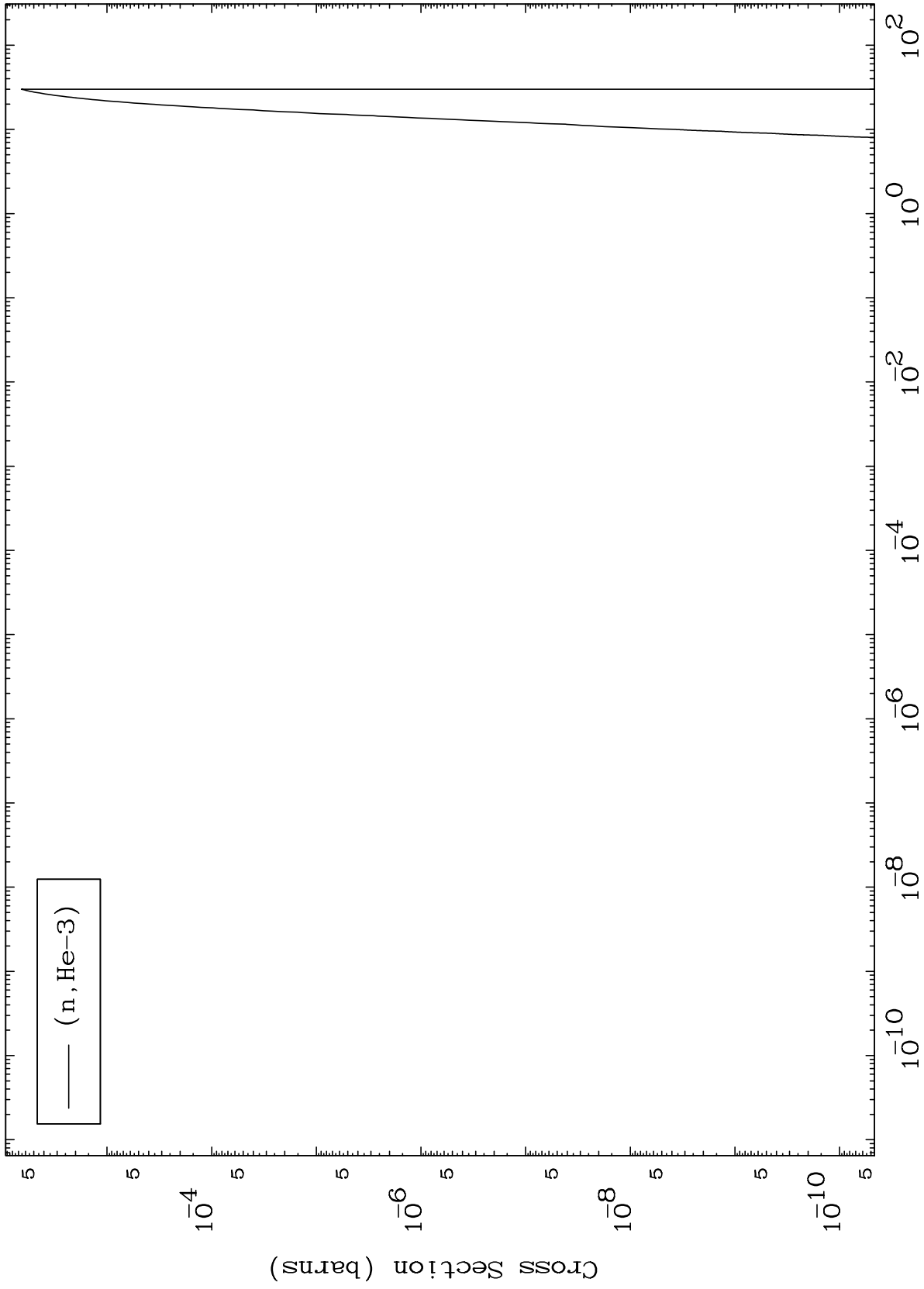
Incident Energy (MeV)

81-Tl-188

MAT 8081

(n,He3) Levels  
293 Kelvin Cross Sections

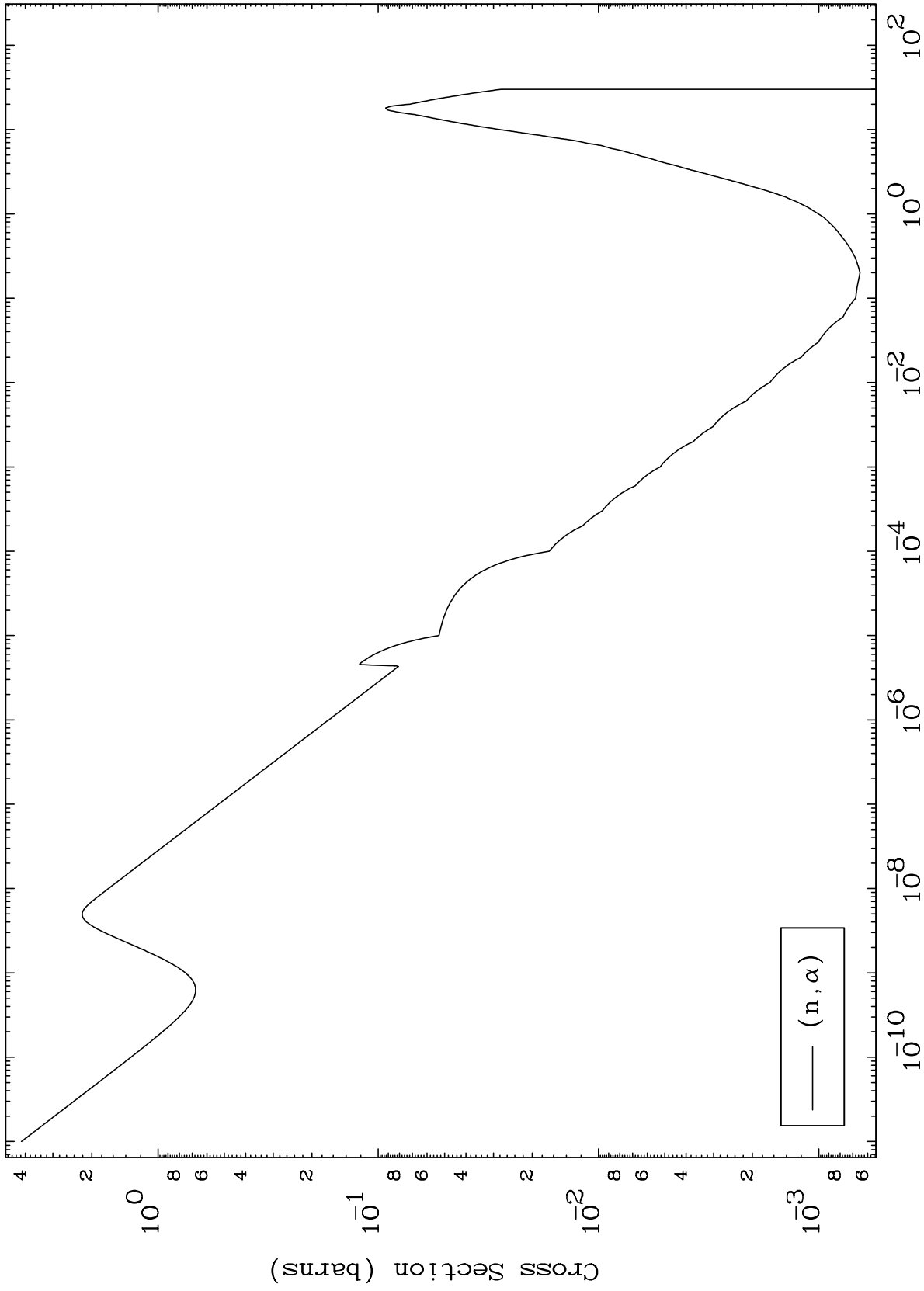
81-Tl-188



MAT 8081

(n,α) Levels  
293 Kelvin Cross Sections

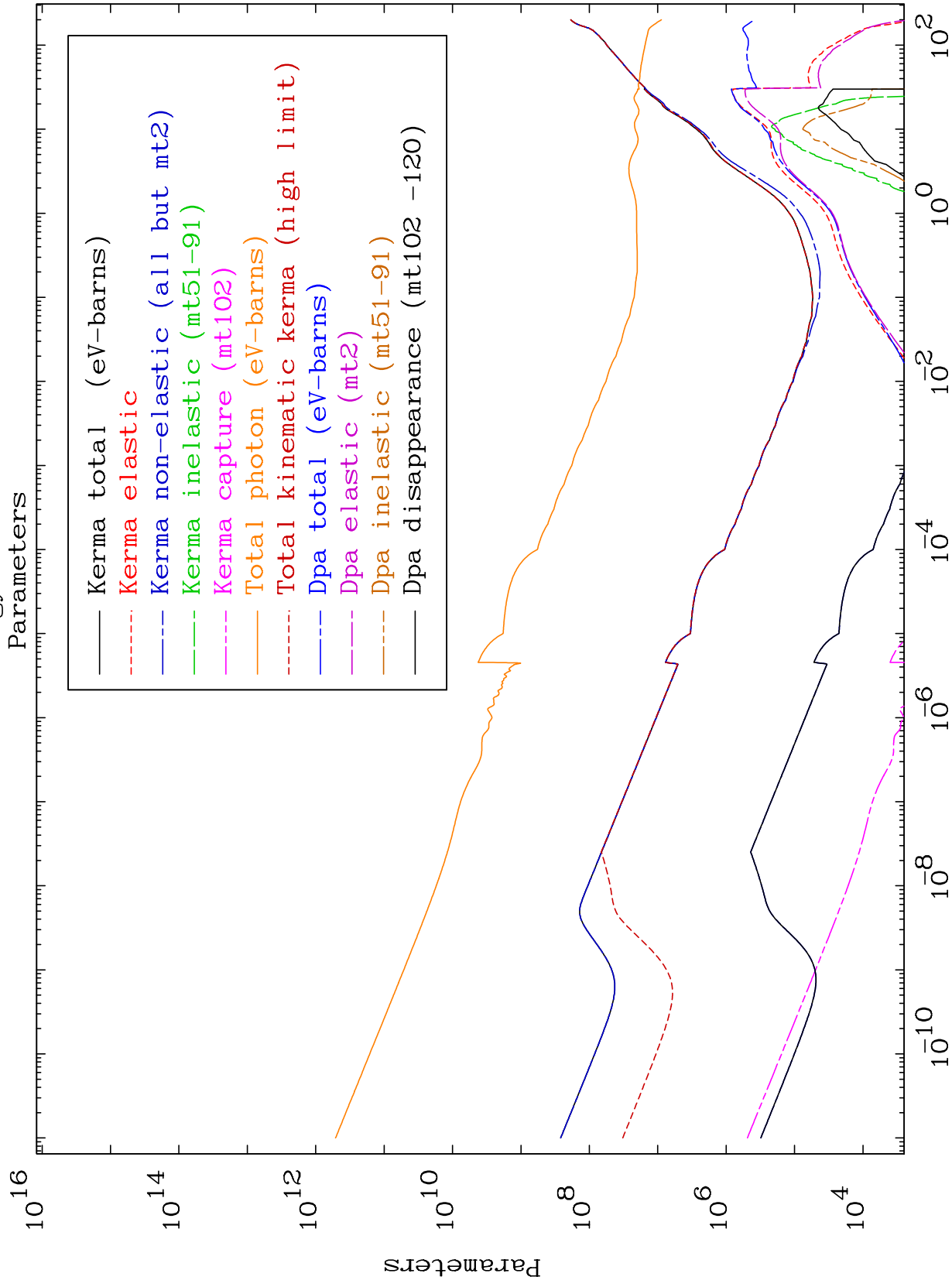
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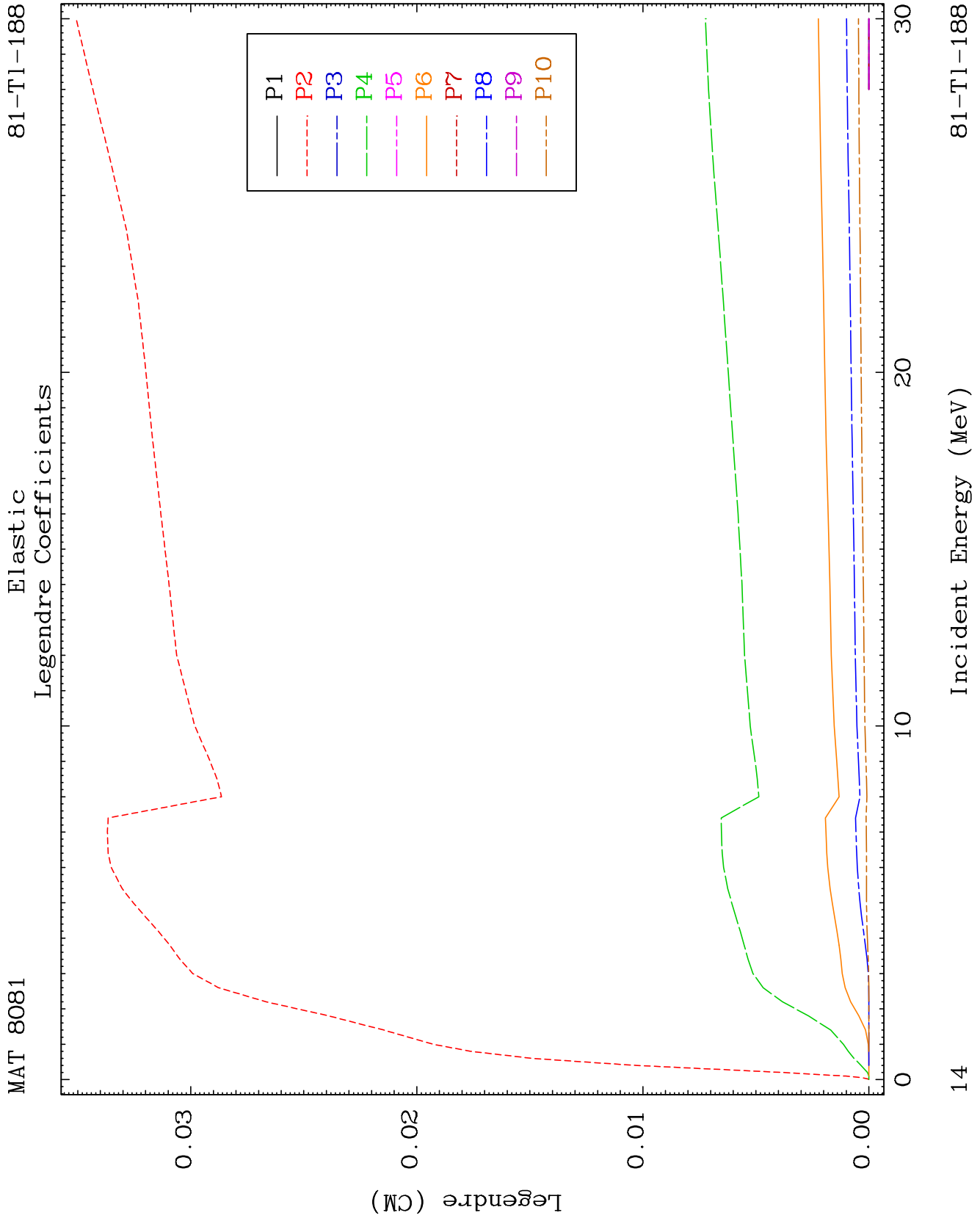


12

Incident Energy (MeV)

81-Tl-188

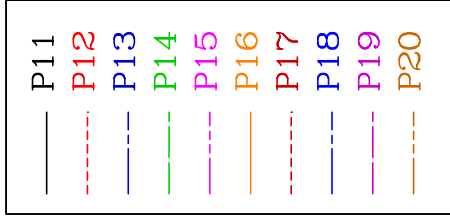
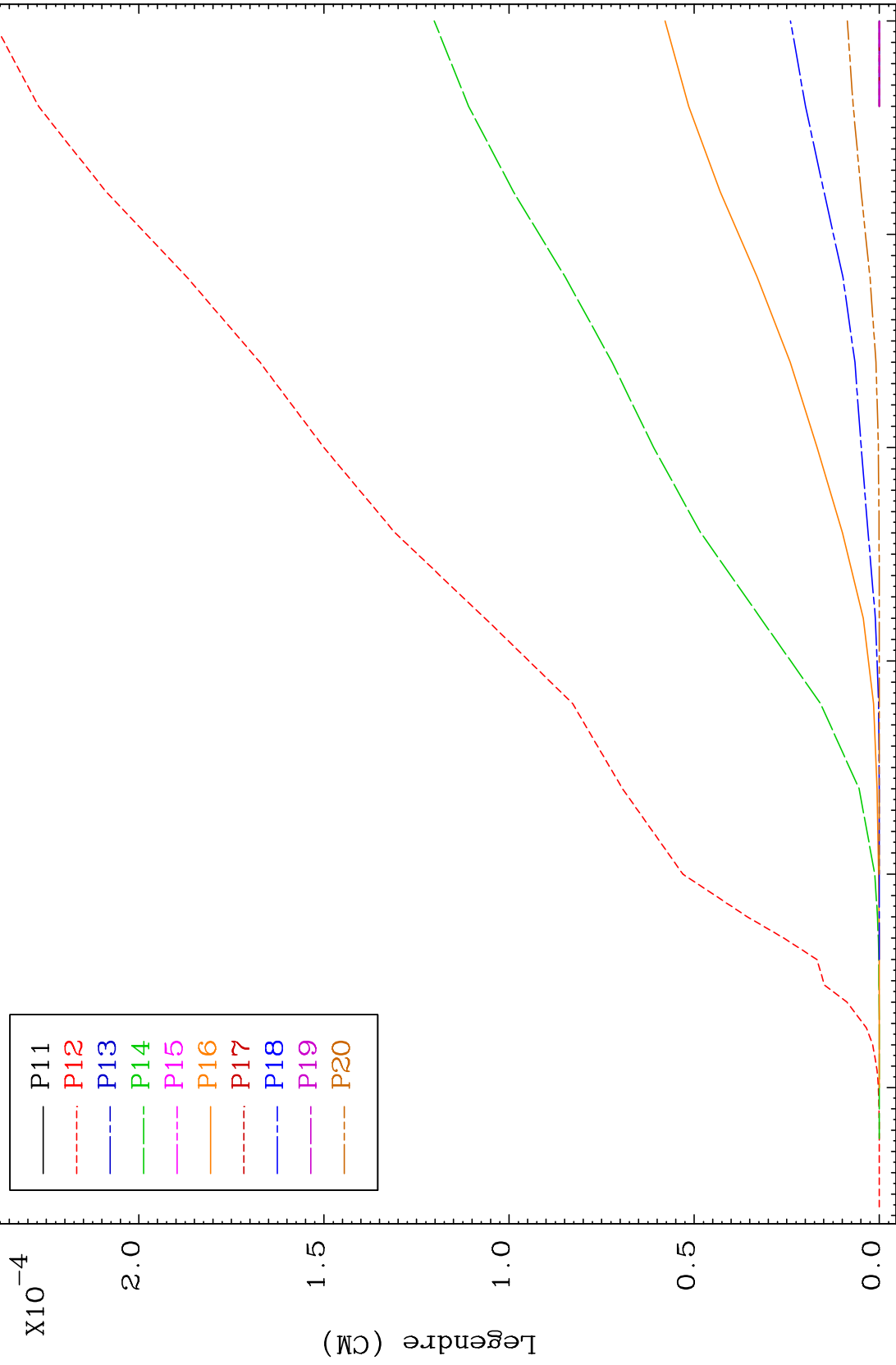




MAT 8081

Elastic Legendre Coefficients

81-Tl-188



15

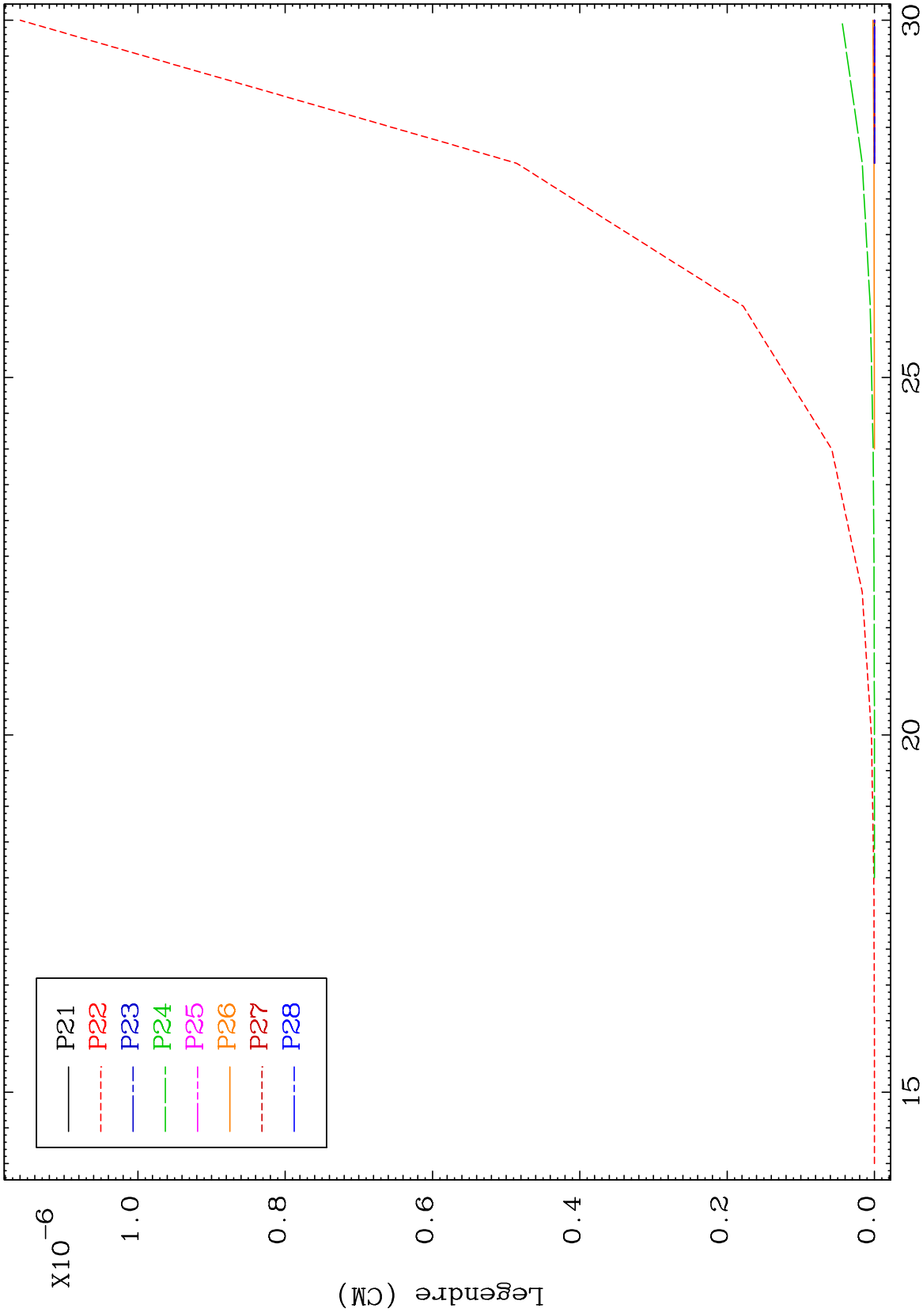
Incident Energy (MeV)

81-Tl-188

MAT 8081

Elastic Legendre Coefficients

81-Tl-188



16

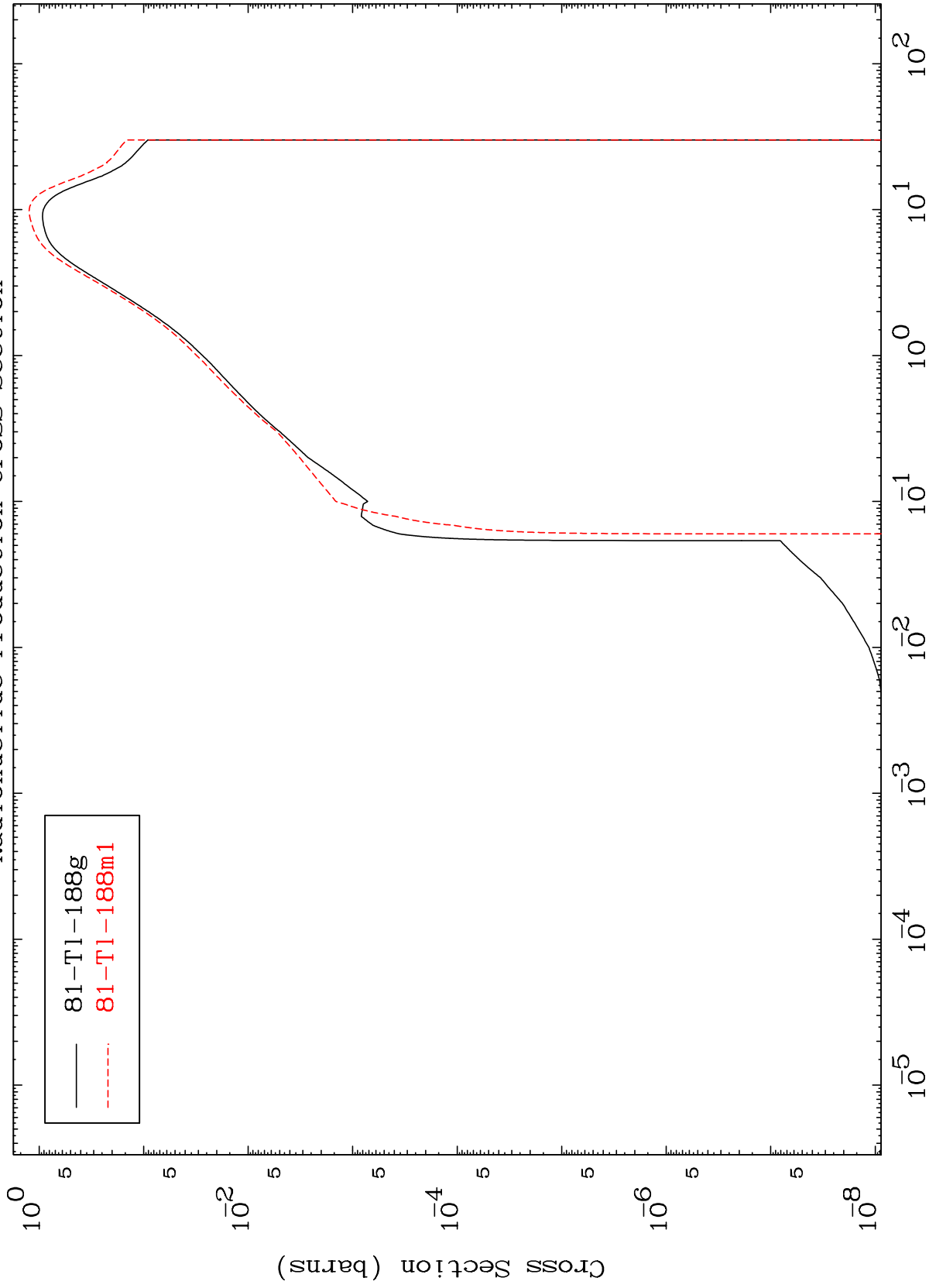
Incident Energy (MeV)

81-Tl-188

MAT 8081

Inelastic  
Radionuclide Production Cross Section

81-Tl-188



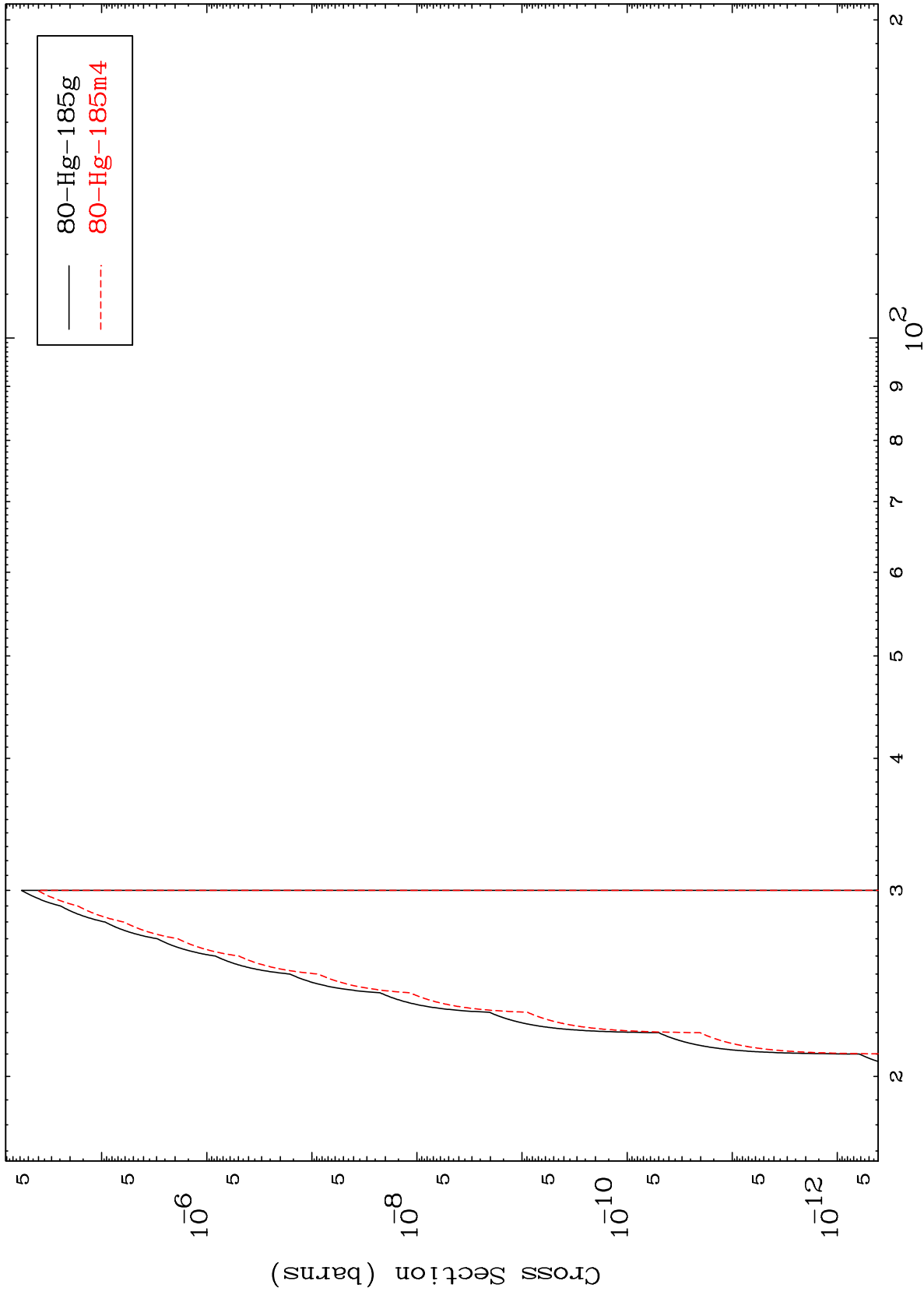
81-Tl-188g  
81-Tl-188m1

MAT 8081

(n,2n) d

81-Tl-188

Radionuclide Production Cross Section



18

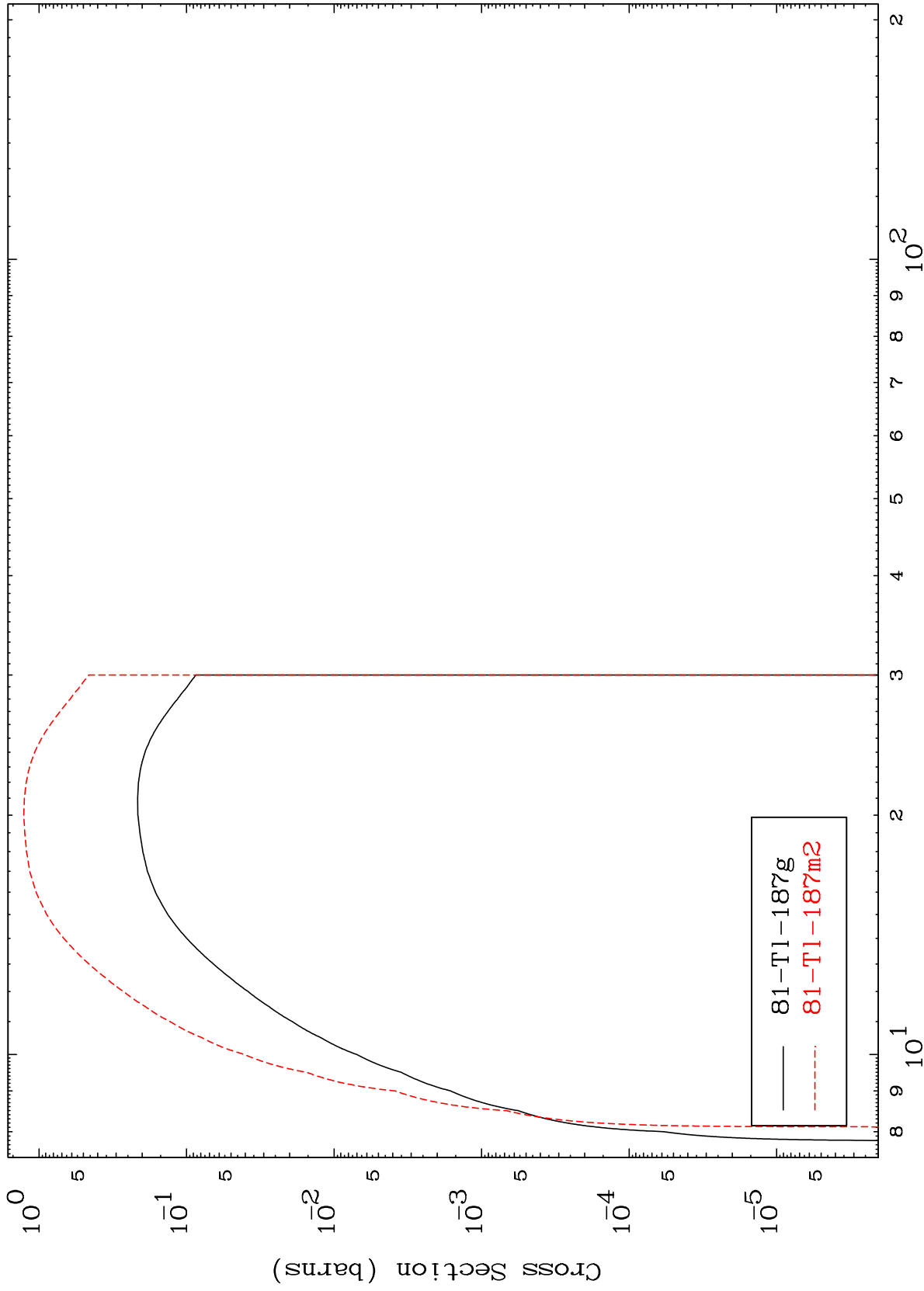
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

Radionuclide Production Cross Section  
(n,2n)



19

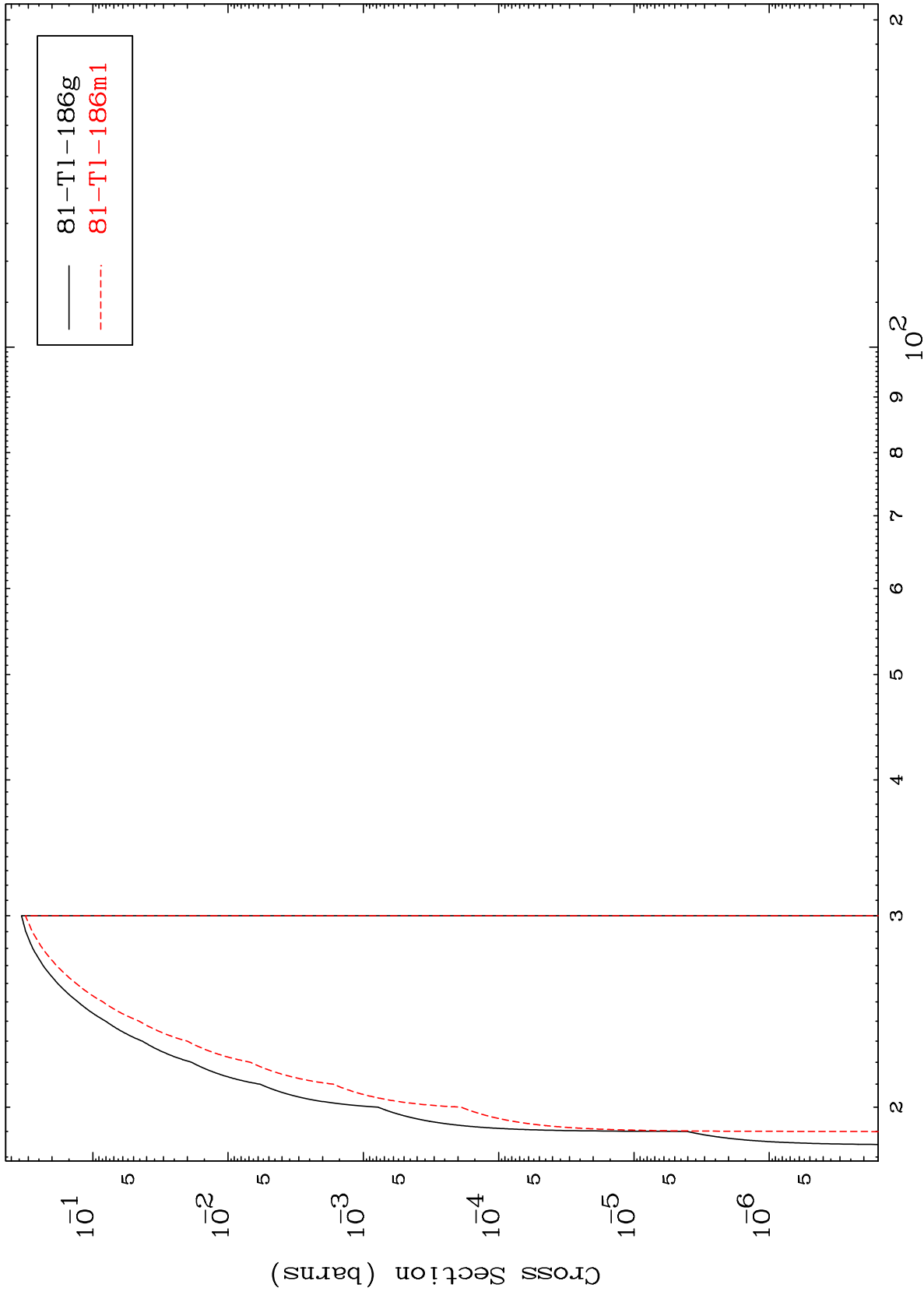
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

(n,3n)  
Radionuclide Production Cross Section



20

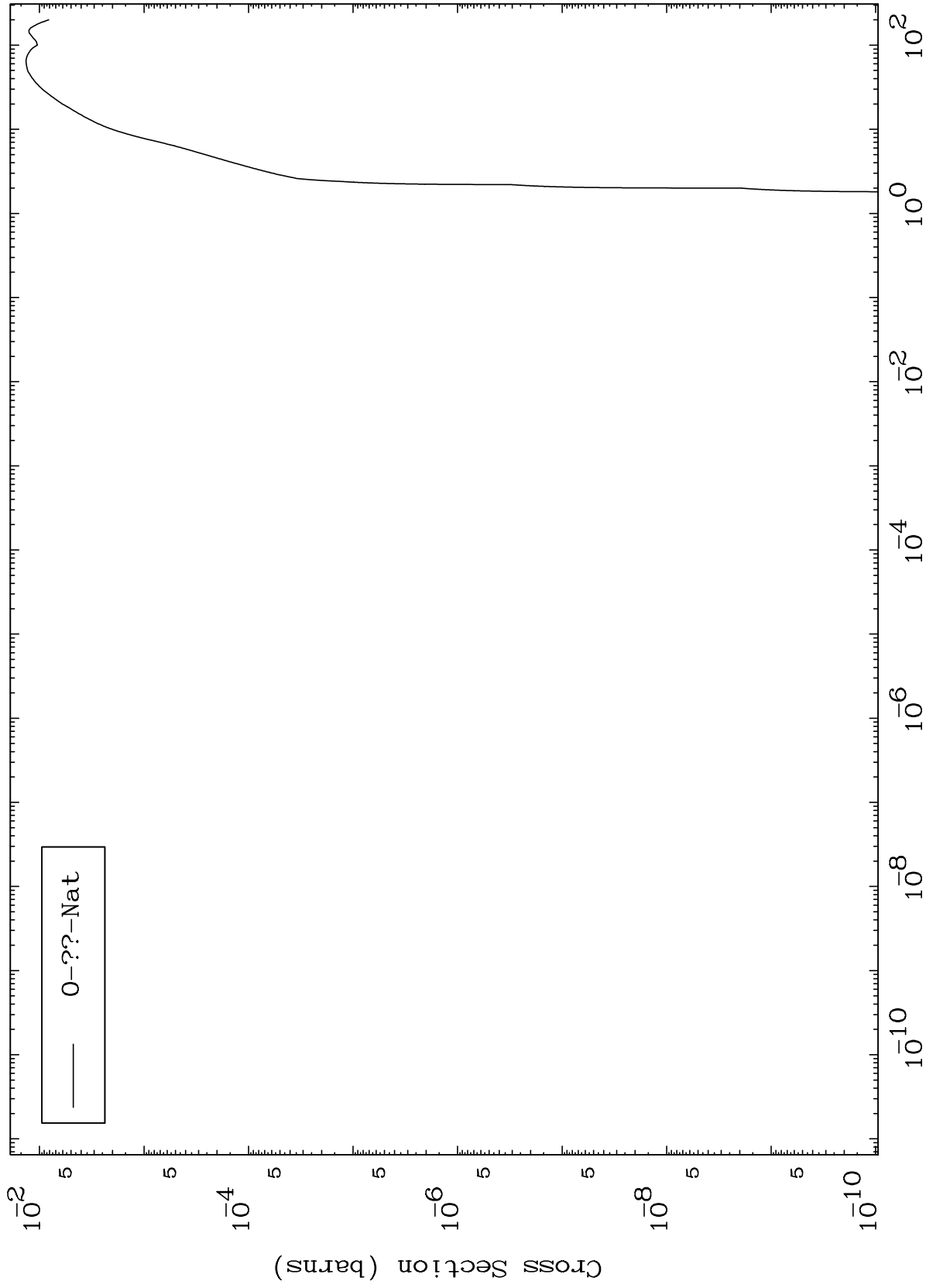
81-Tl-188

MAT 8081

Fission

81-Tl-188

Radionuclide Production Cross Section

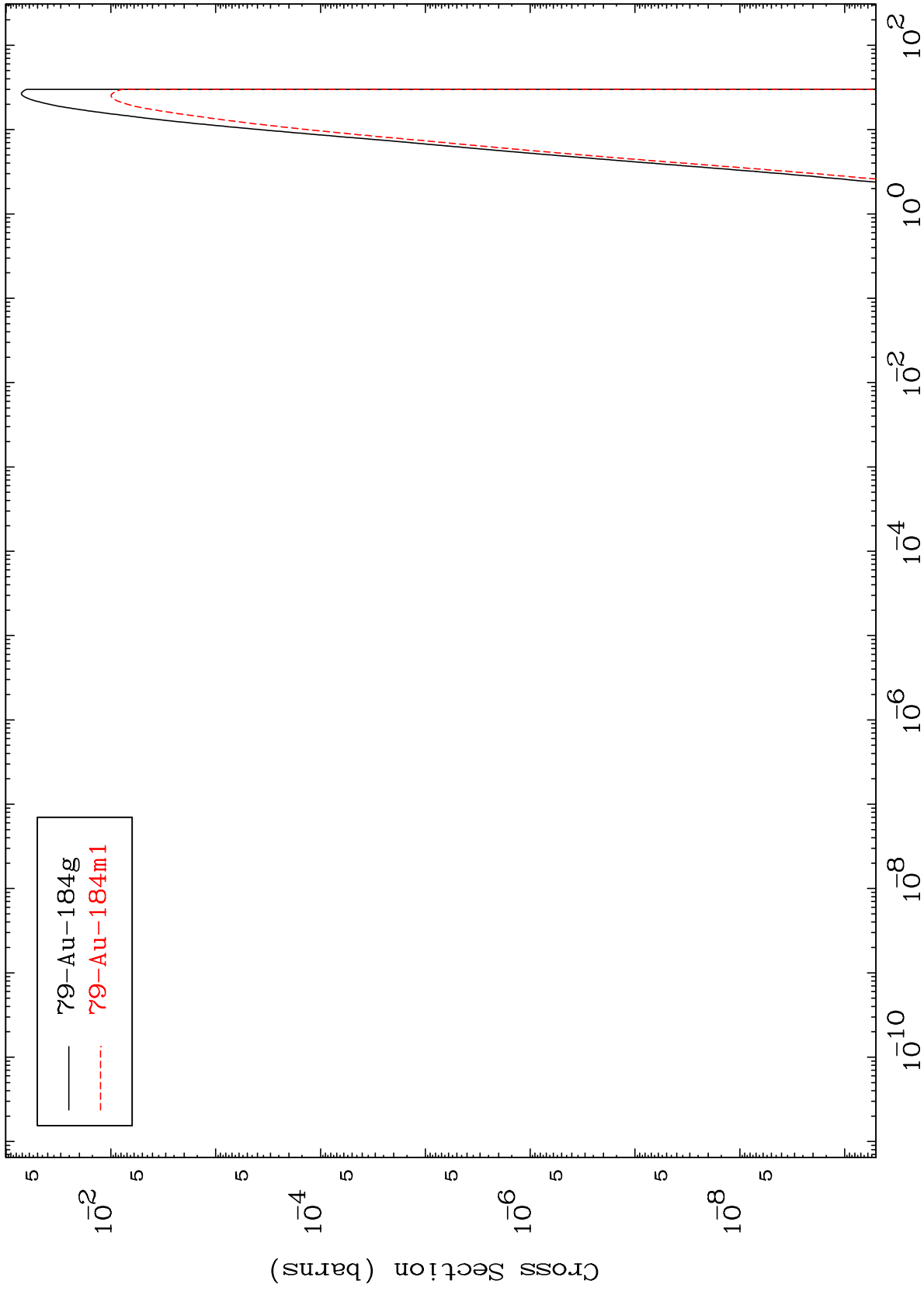


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(n,n')  $\alpha$

81-Tl-188

Radionuclide Production Cross Section



22

Incident Energy (MeV)

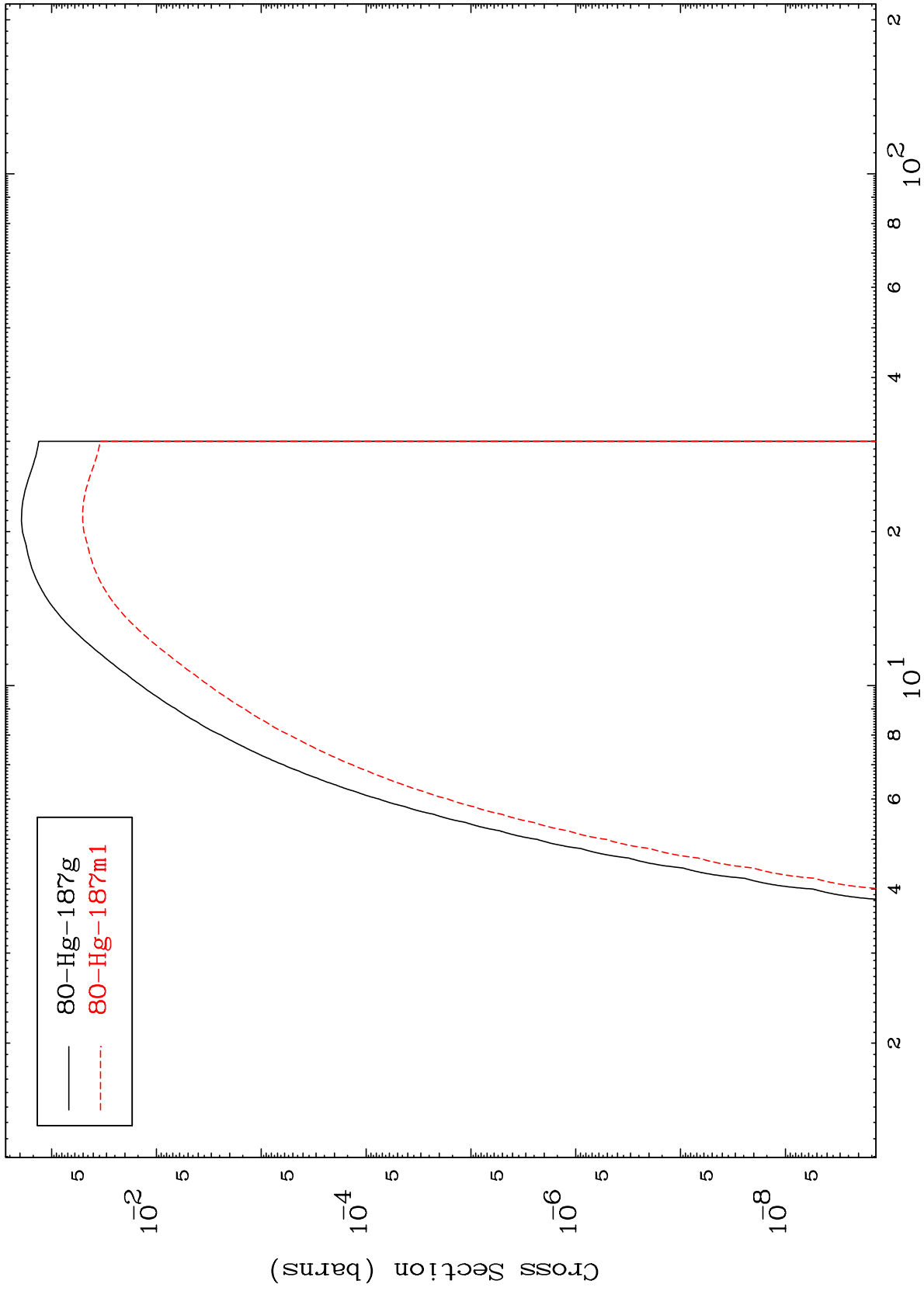
81-Tl-188

MAT 8081

(n,n') p

81-Tl-188

Radionuclide Production Cross Section



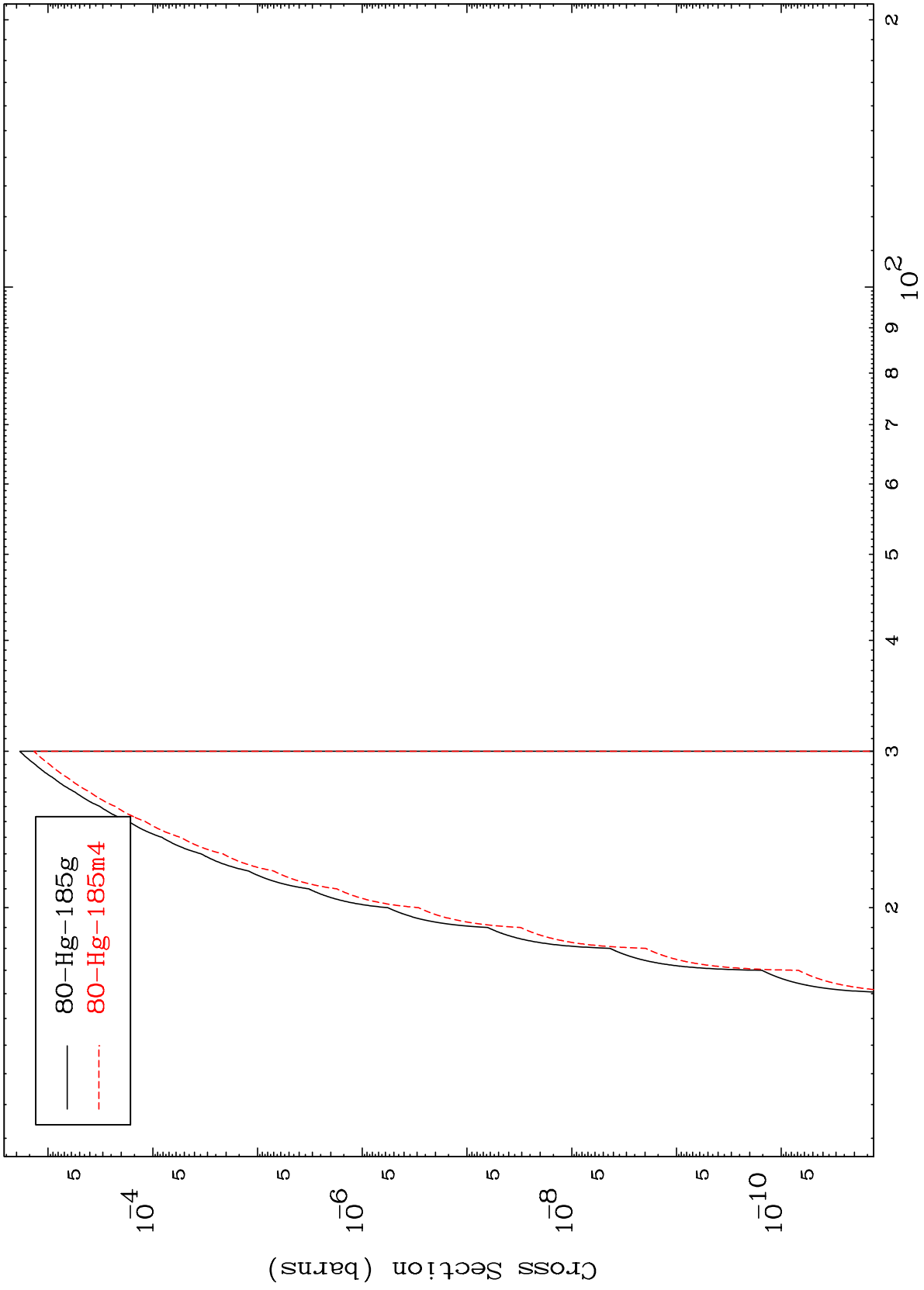
23

MAT 8081

(n,n') t

81-Tl-188

Radionuclide Production Cross Section



24

Incident Energy (MeV)

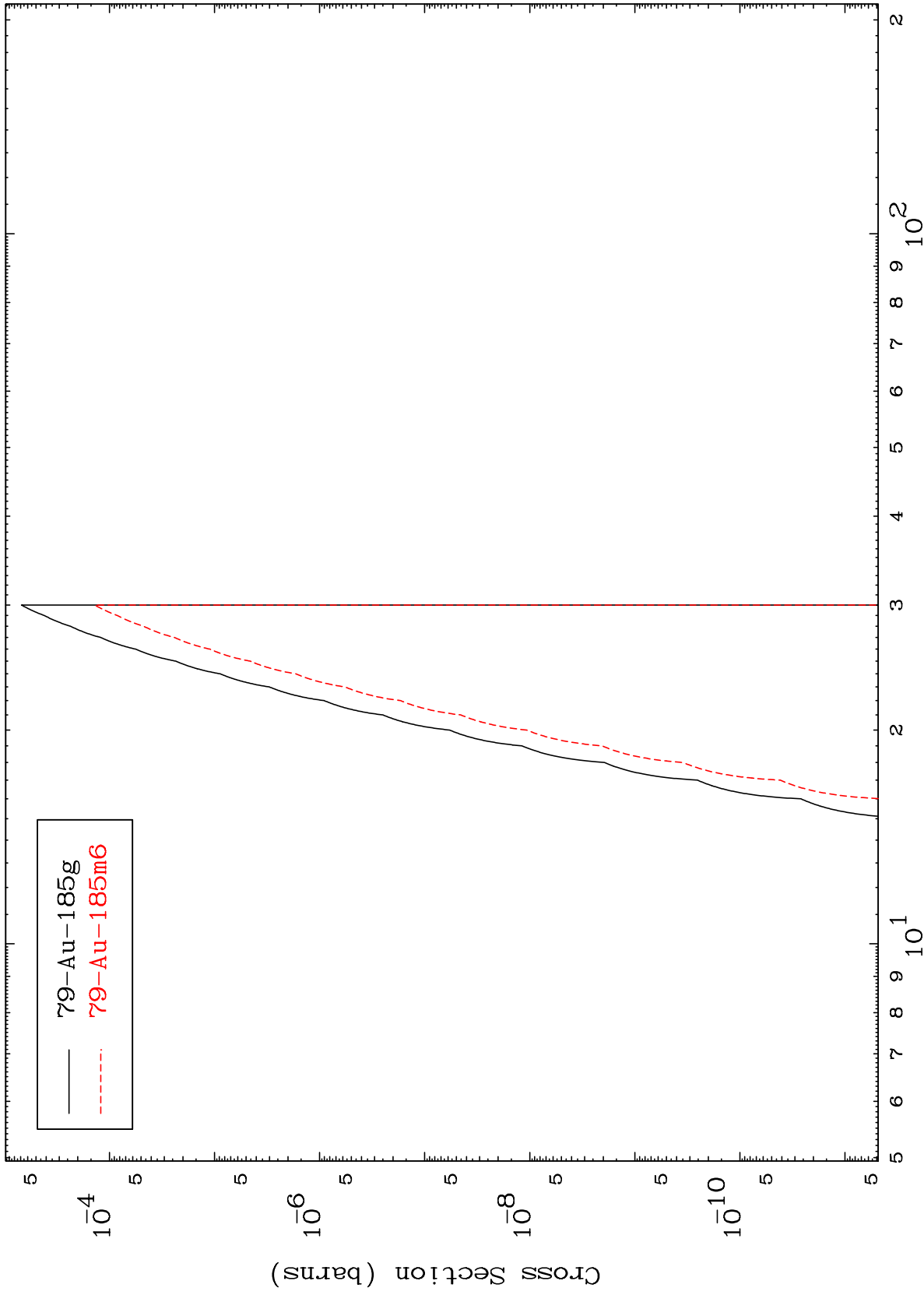
81-Tl-188

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(n, n') He-3

81-Tl-188

Radionuclide Production Cross Section



25

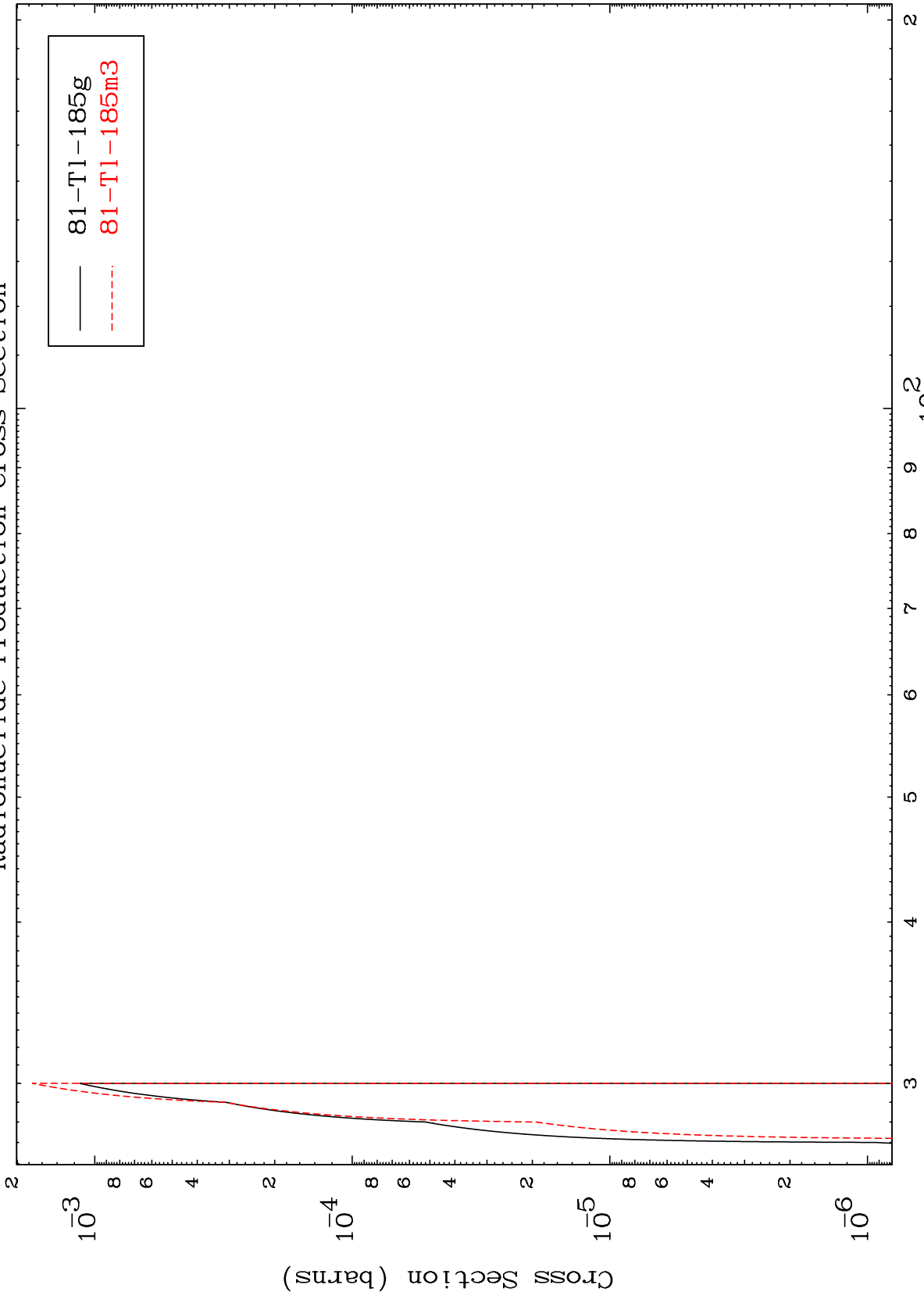
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

(n,4n)  
Radionuclide Production Cross Section



26

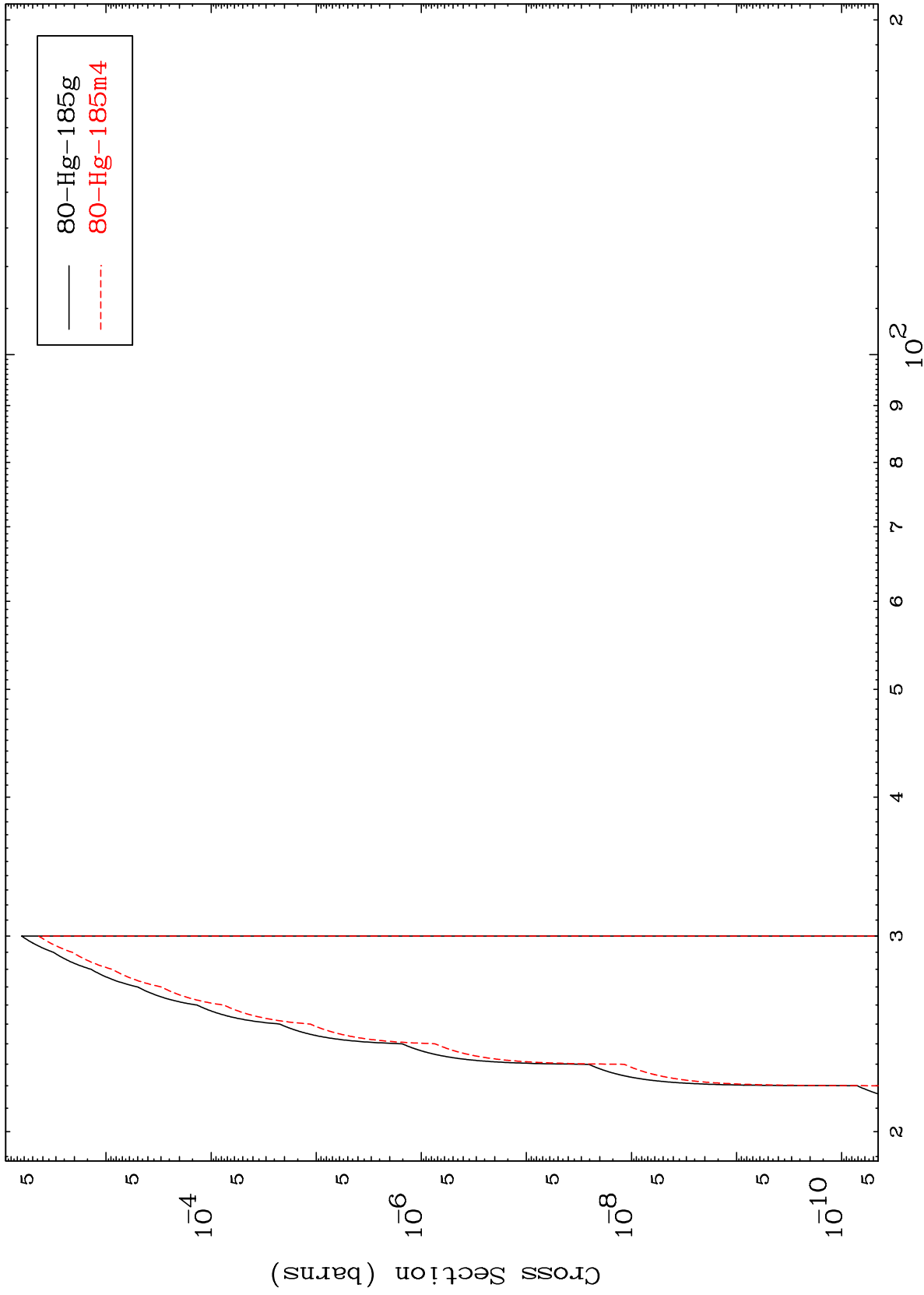
81-Tl-188

MAT 8081

(n,3n) p

81-Tl-188

Radionuclide Production Cross Section



27

Incident Energy (MeV)

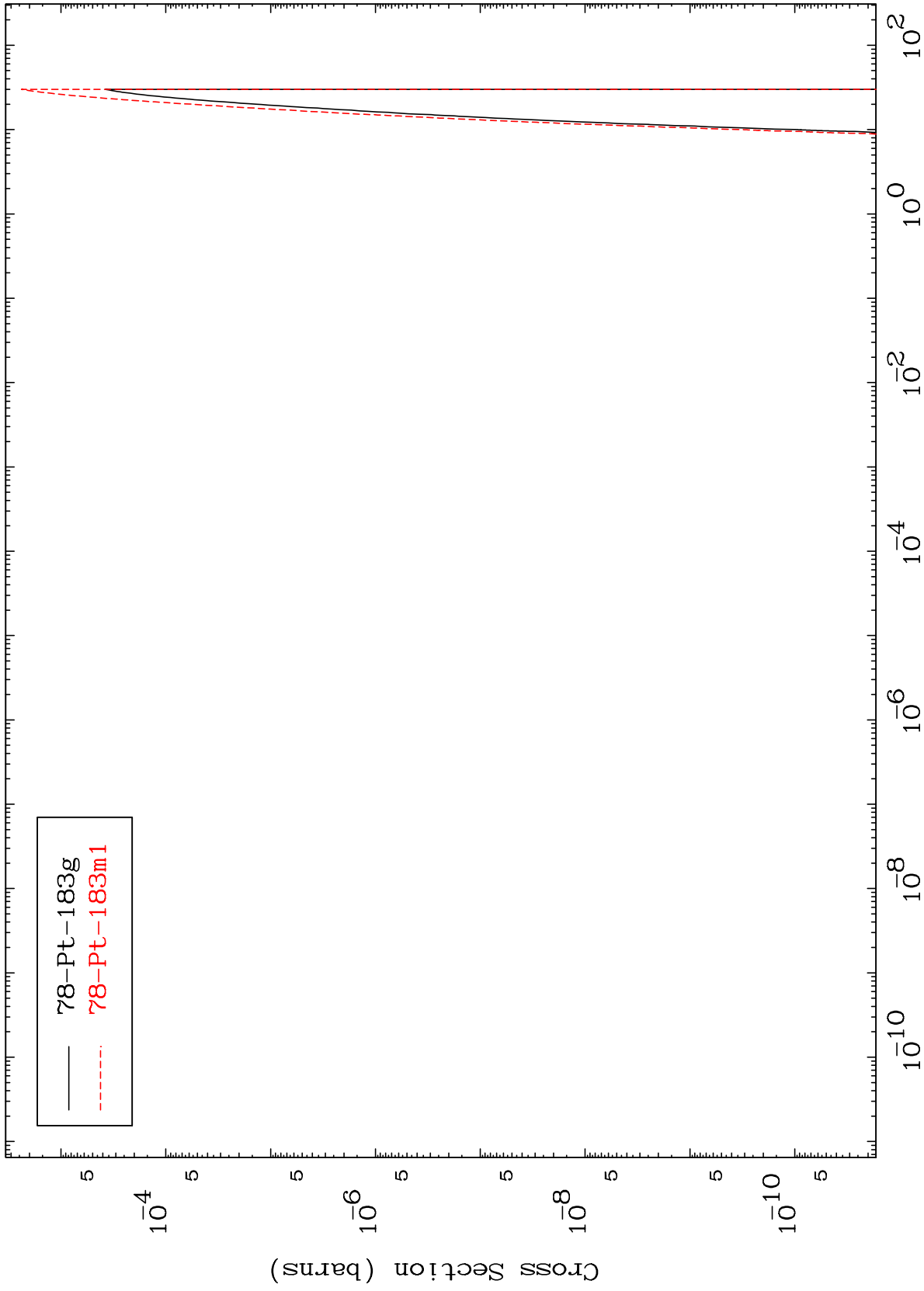
81-Tl-188

MAT 8081

(n,n') p  $\alpha$

81-Tl-188

Radionuclide Production Cross Section



28

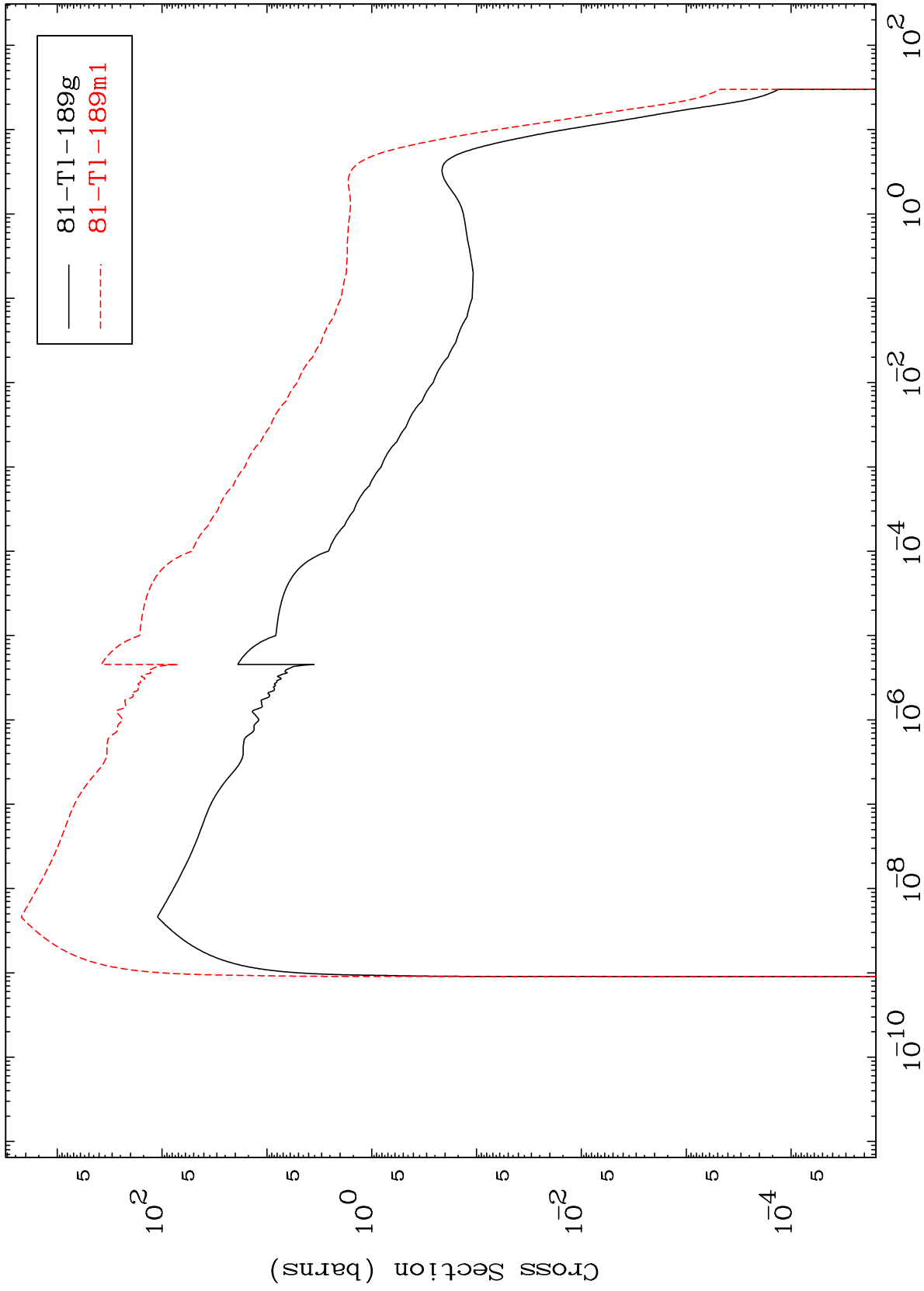
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

(n,γ)  
Radionuclide Production Cross Section



29

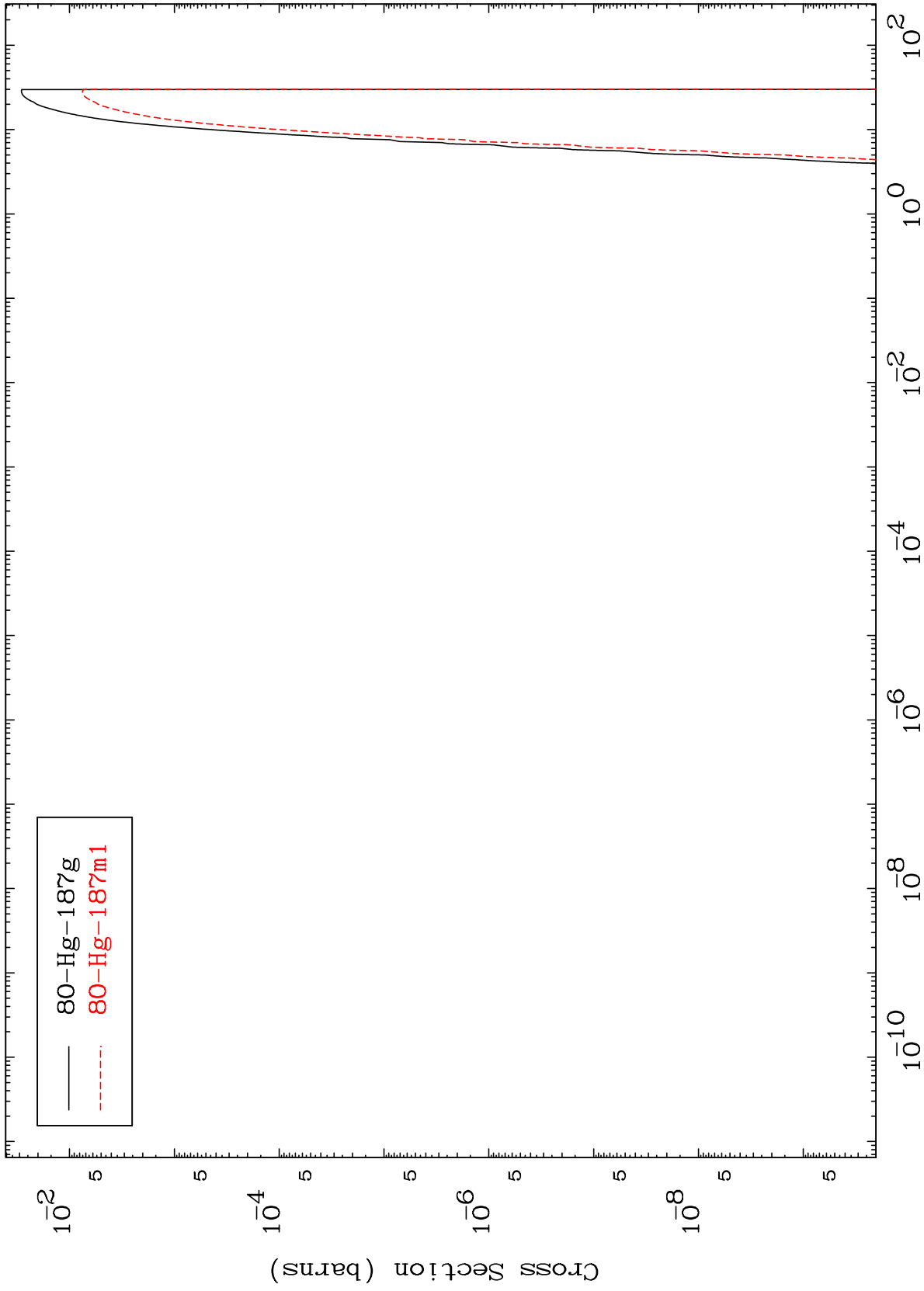
81-Tl-188

MAT 8081

(n,d)

81-Tl-188

Radionuclide Production Cross Section



30

Incident Energy (MeV)

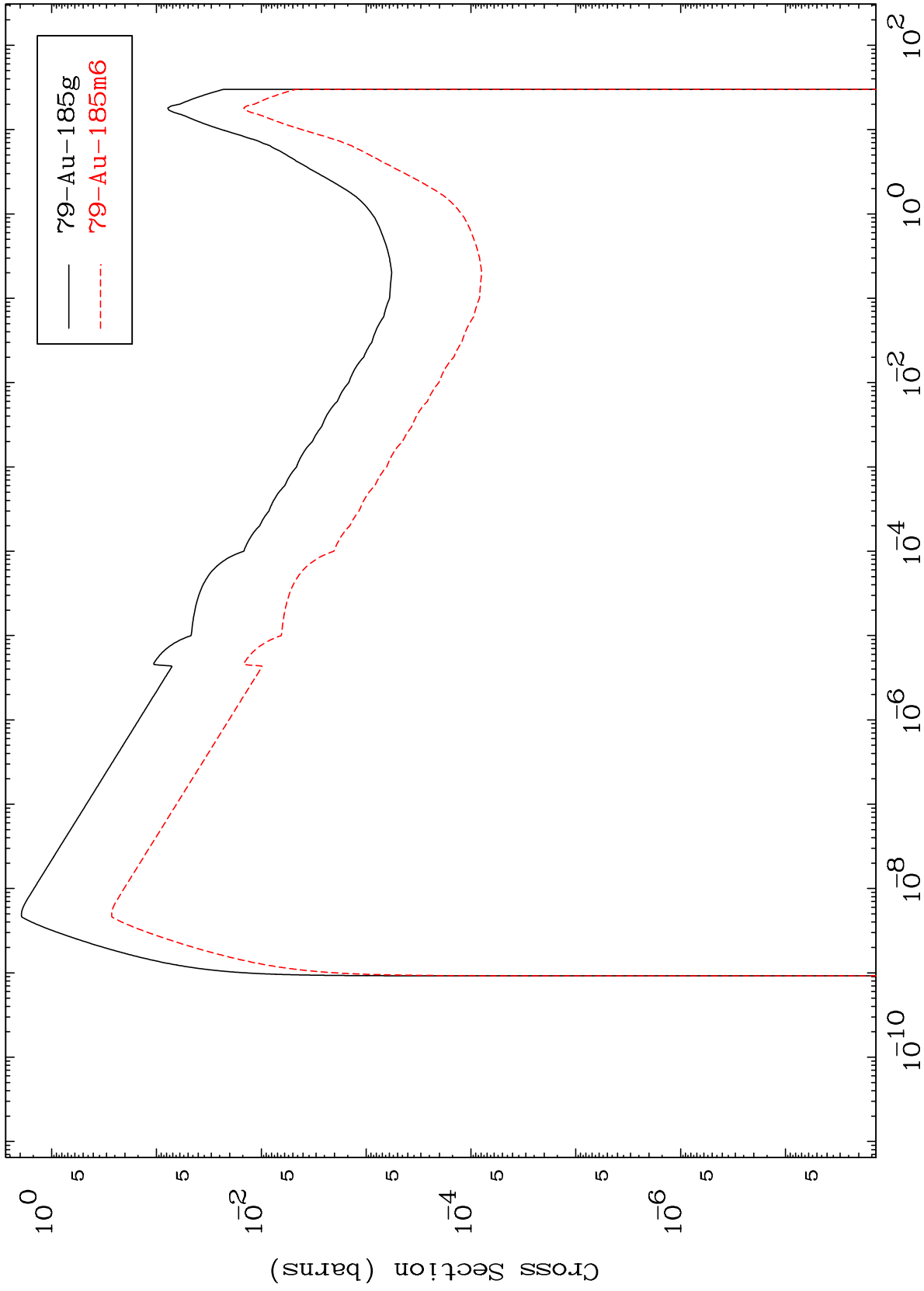
81-Tl-188

MAT 8081

(n,  $\alpha$ )

81-Tl-188

Radionuclide Production Cross Section



31

Incident Energy (MeV)

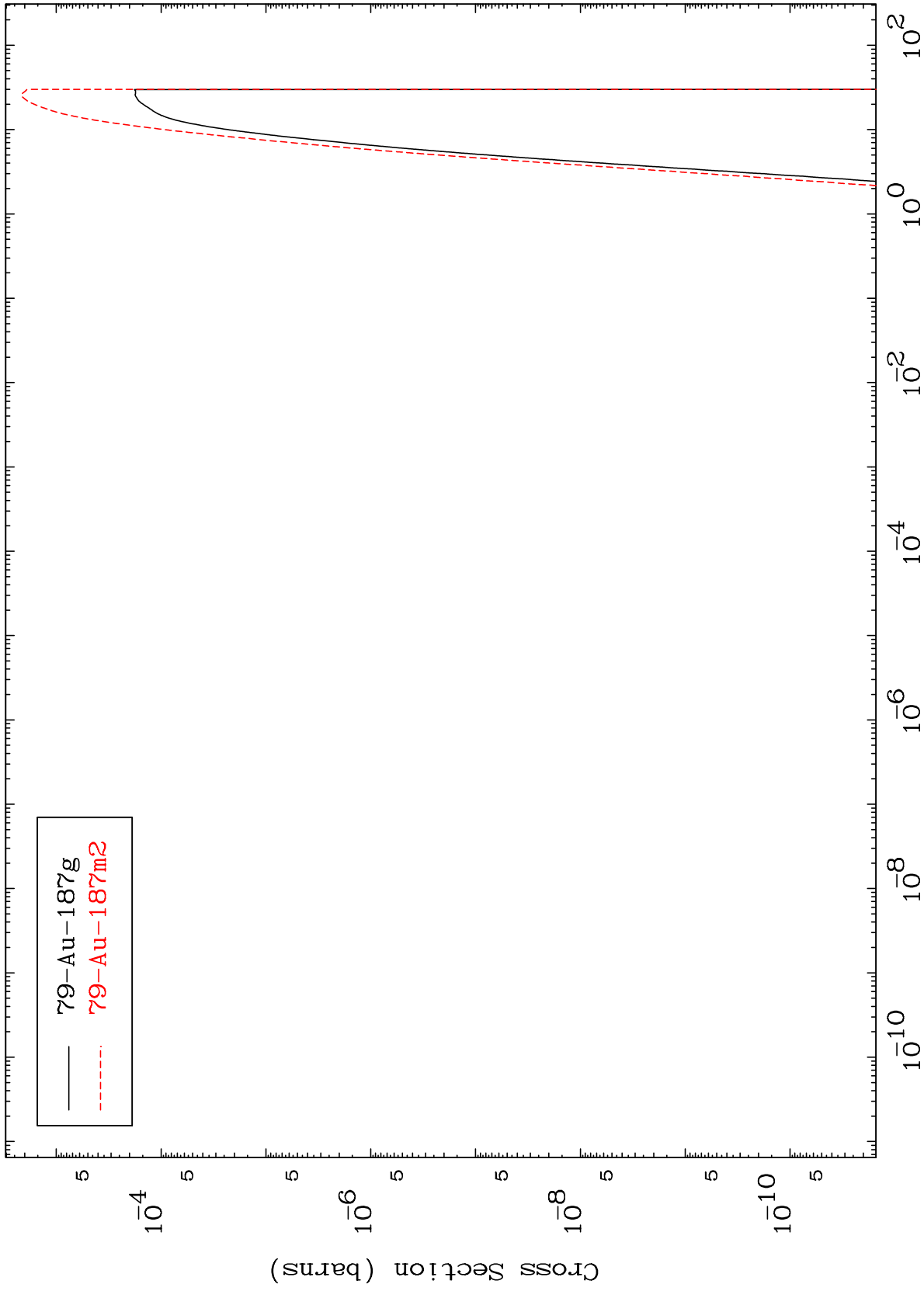
81-Tl-188

MAT 8081

(n,2p)

81-Tl-188

Radionuclide Production Cross Section



32

Incident Energy (MeV)

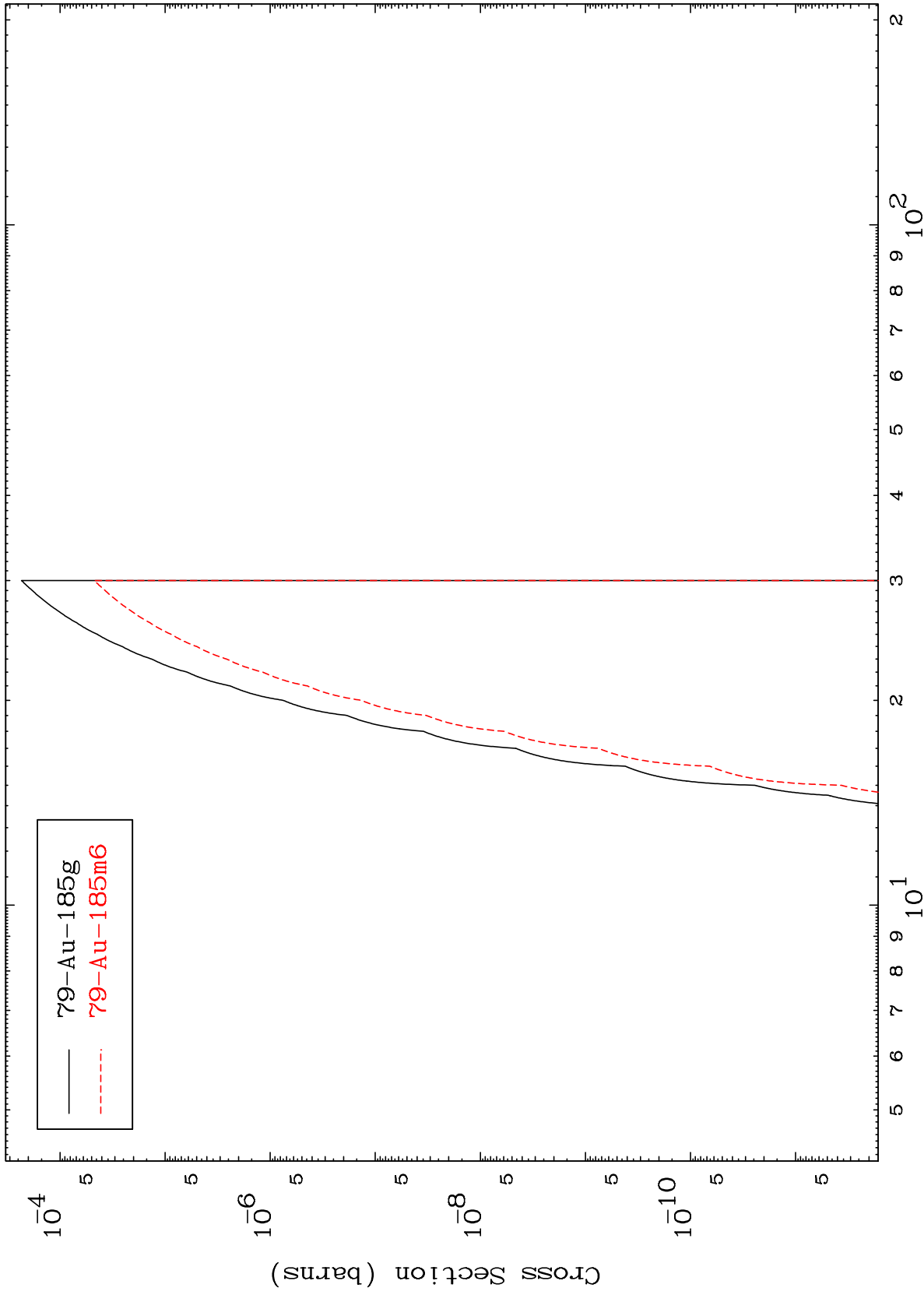
81-Tl-188

MAT 8081

(n,p) t

81-Tl-188

Radionuclide Production Cross Section



33

Incident Energy (MeV)

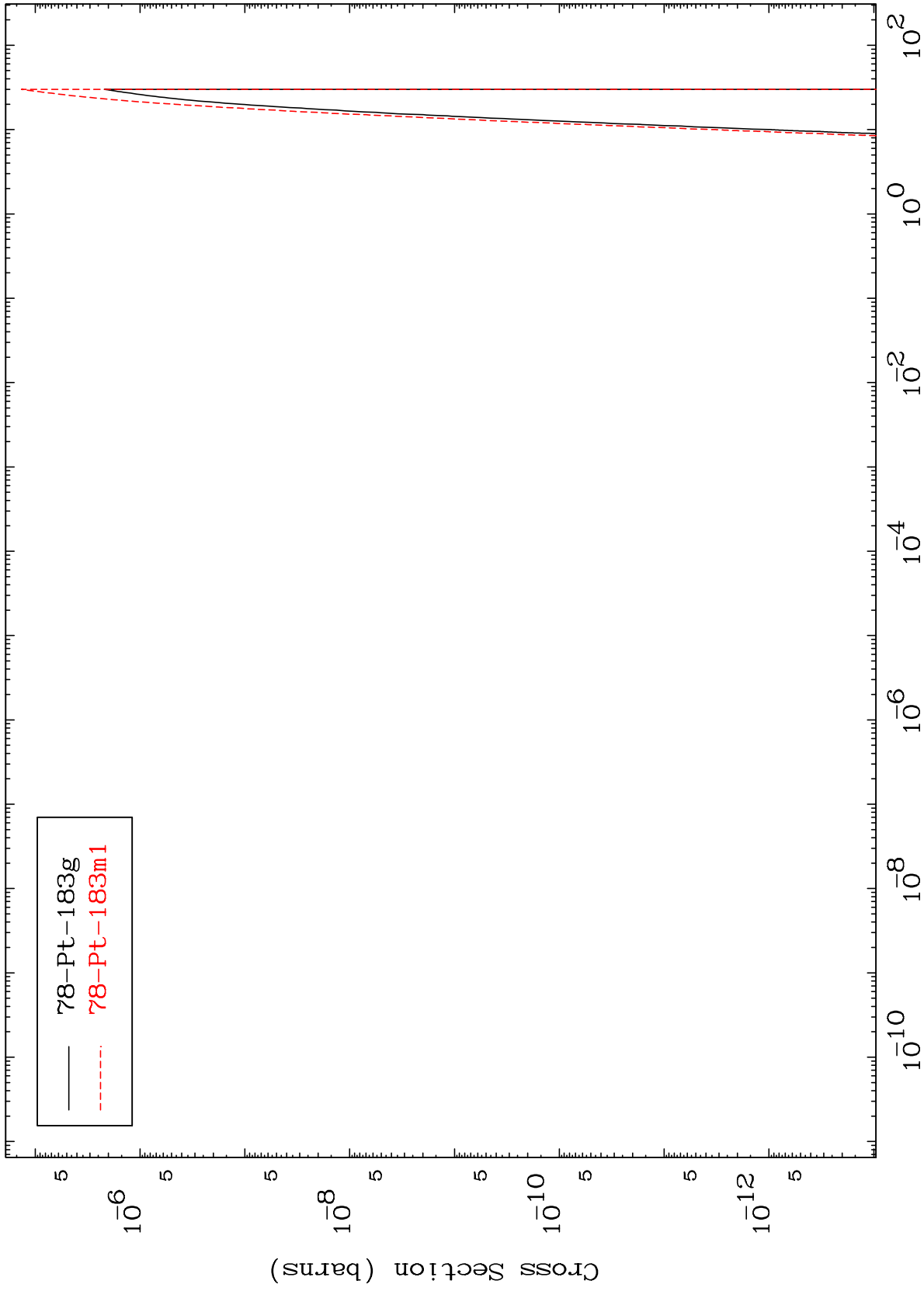
81-Tl-188

MAT 8081

(n,d)  $\alpha$

81-Tl-188

Radionuclide Production Cross Section



34

Incident Energy (MeV)

81-Tl-188