

Program EVALPLOT  
(Version 2018-1)

by

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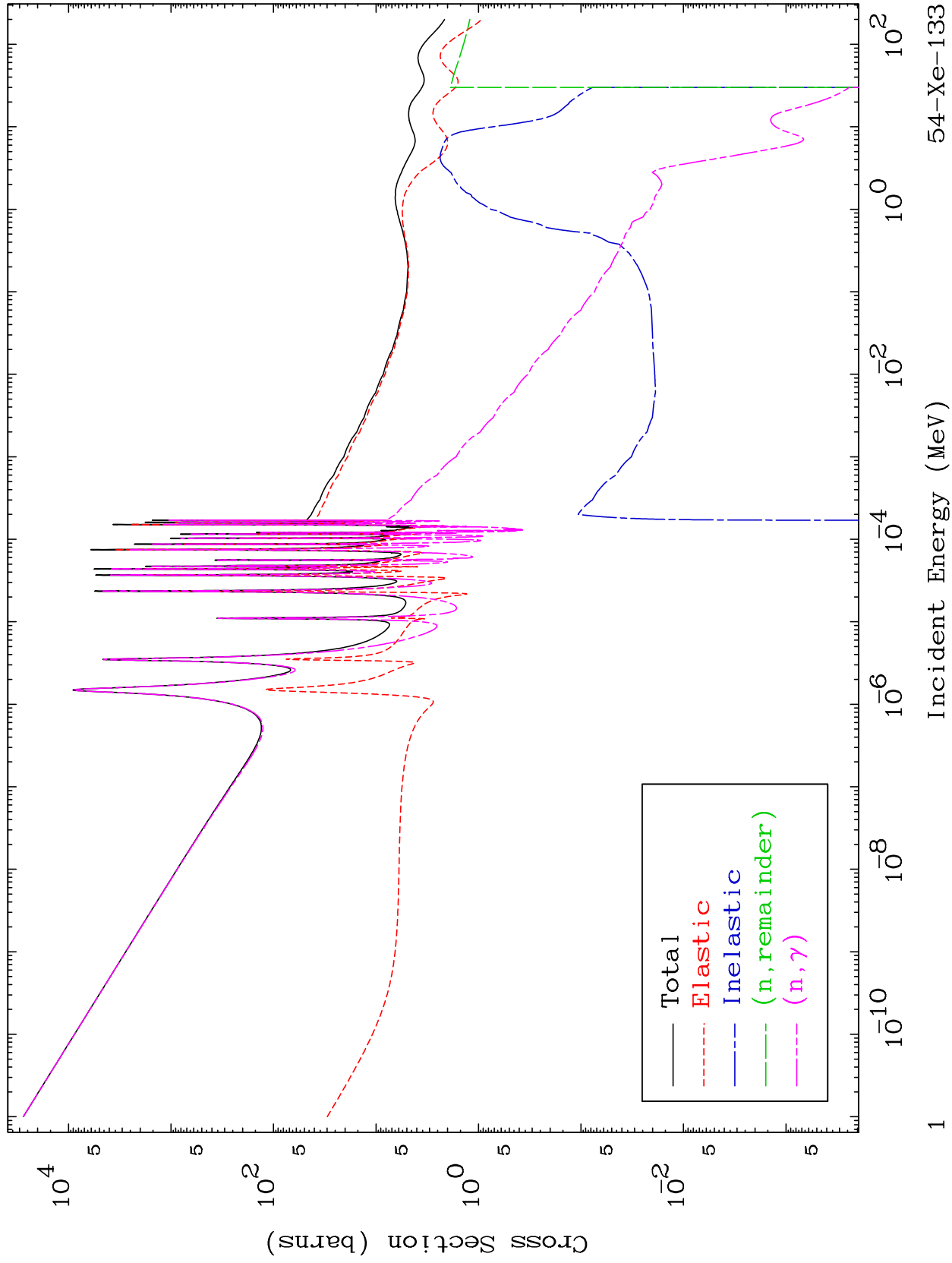
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5453

Major  
293 Kelvin Cross Sections

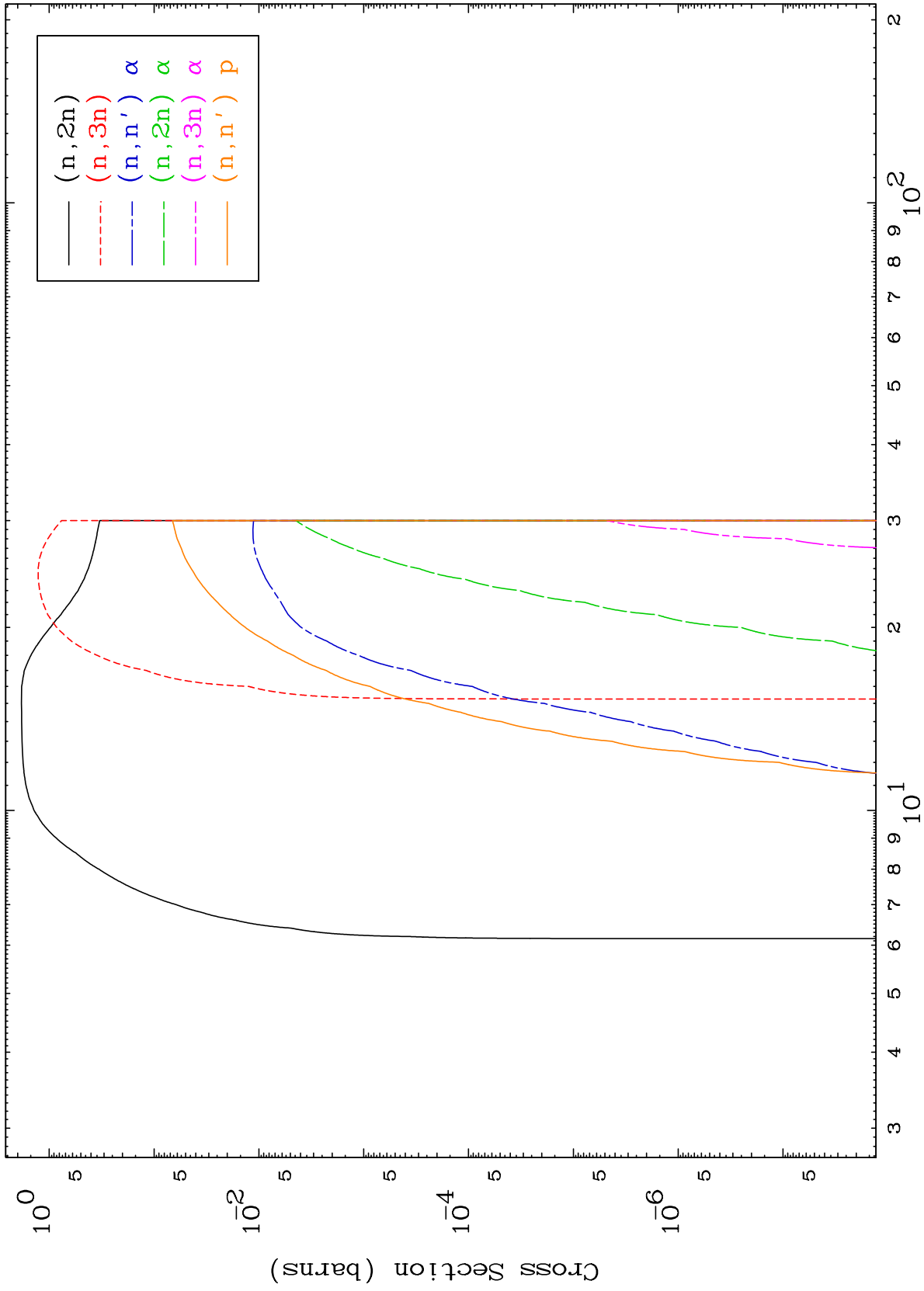
54-Xe-133



MAT 5453

Neutron Production  
293 Kelvin Cross Sections

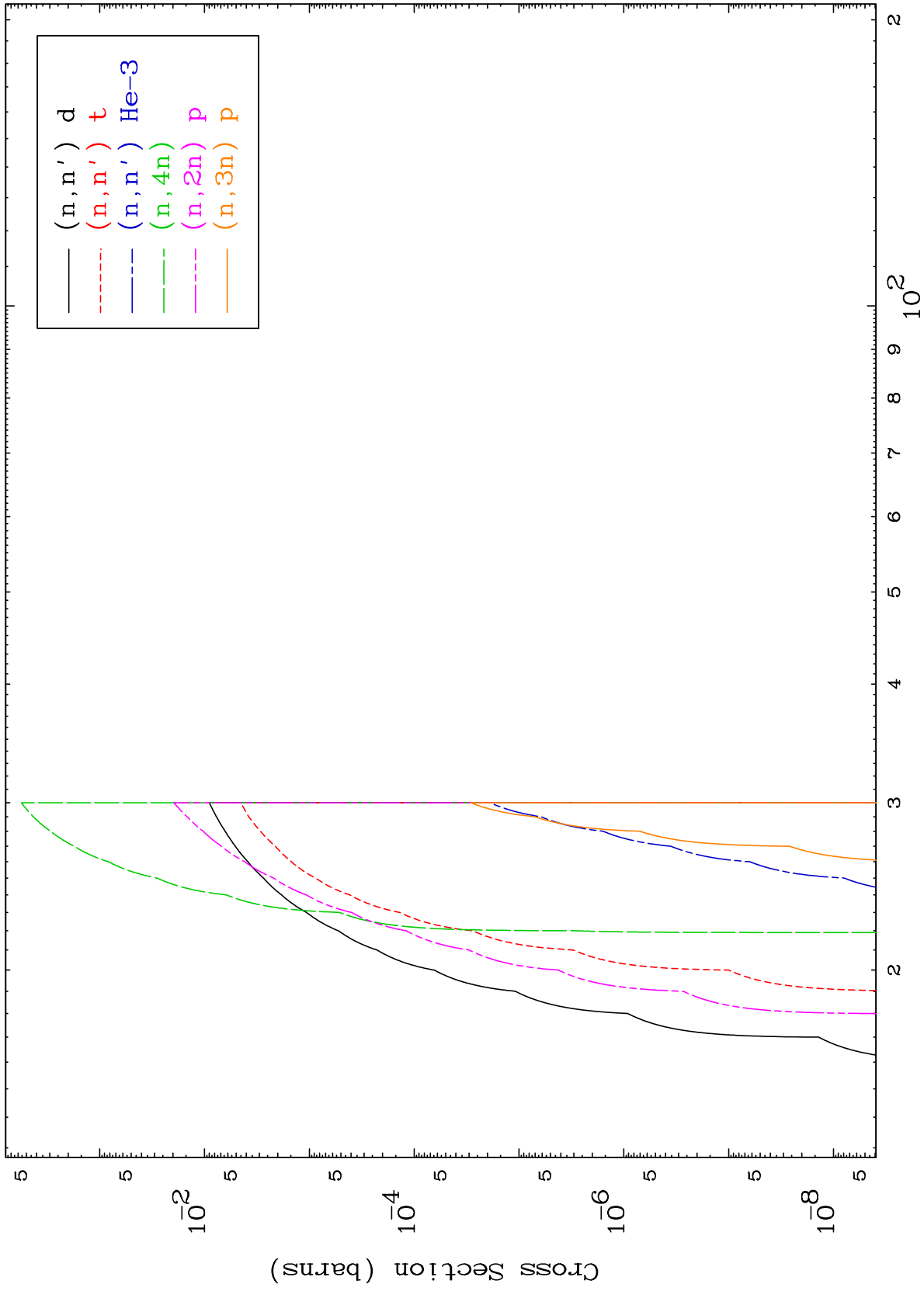
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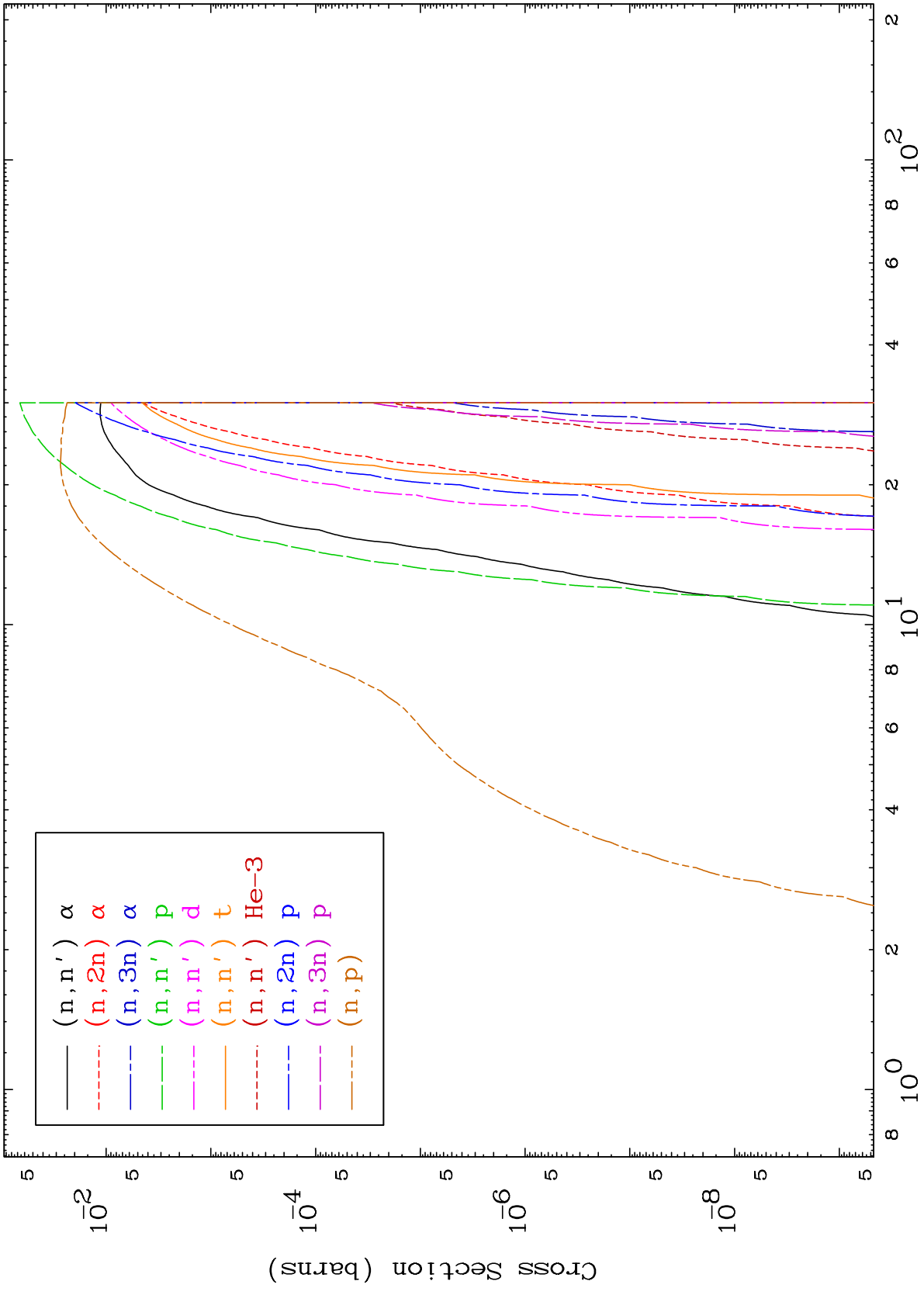


2

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54-Xe-133

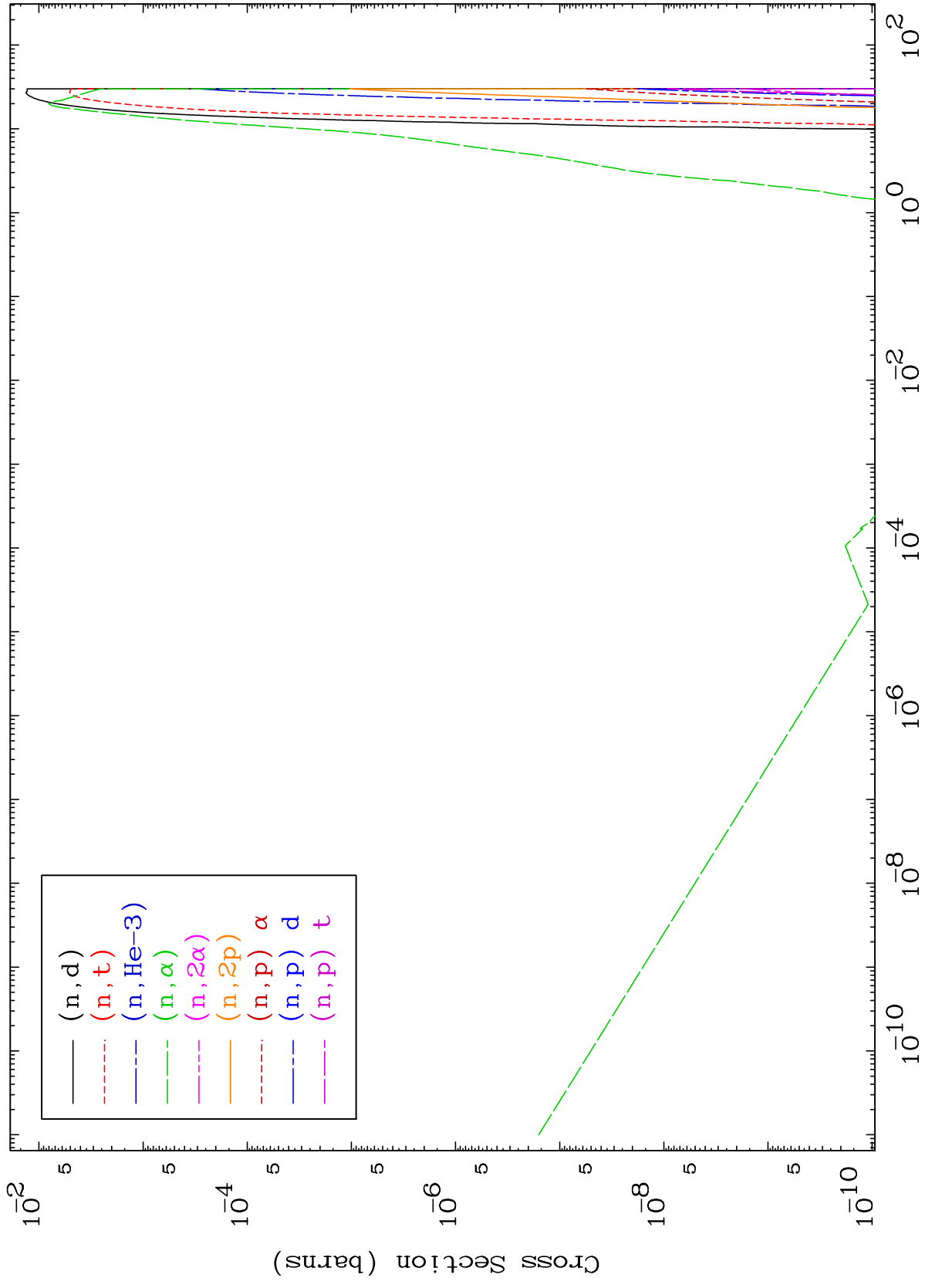




MAT 5453

Charged Particle  
293 Kelvin Cross Sections

54-Xe-133



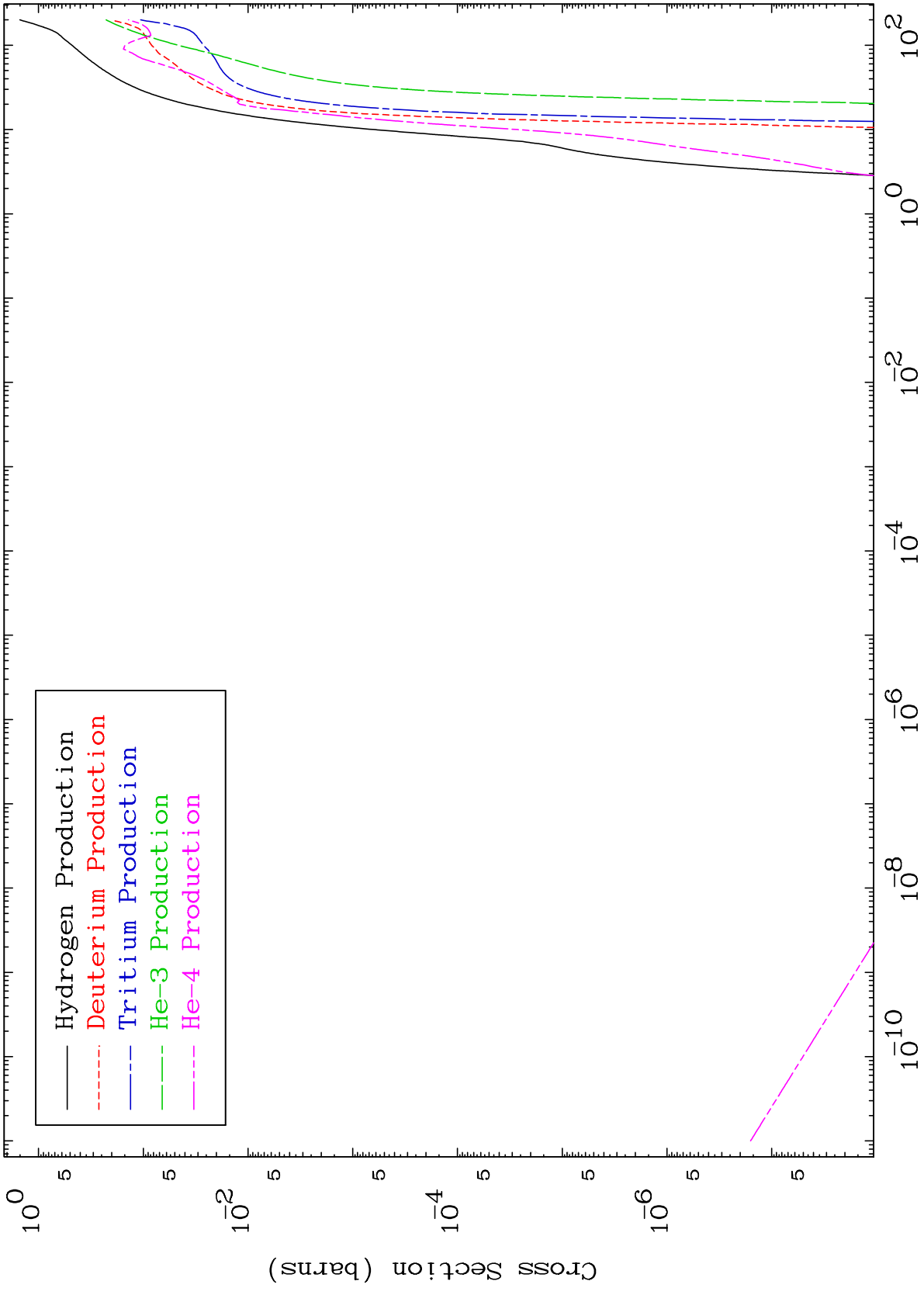
5

54-Xe-133

MAT 5453

Particle Production  
293 Kelvin Cross Sections

54-Xe-133

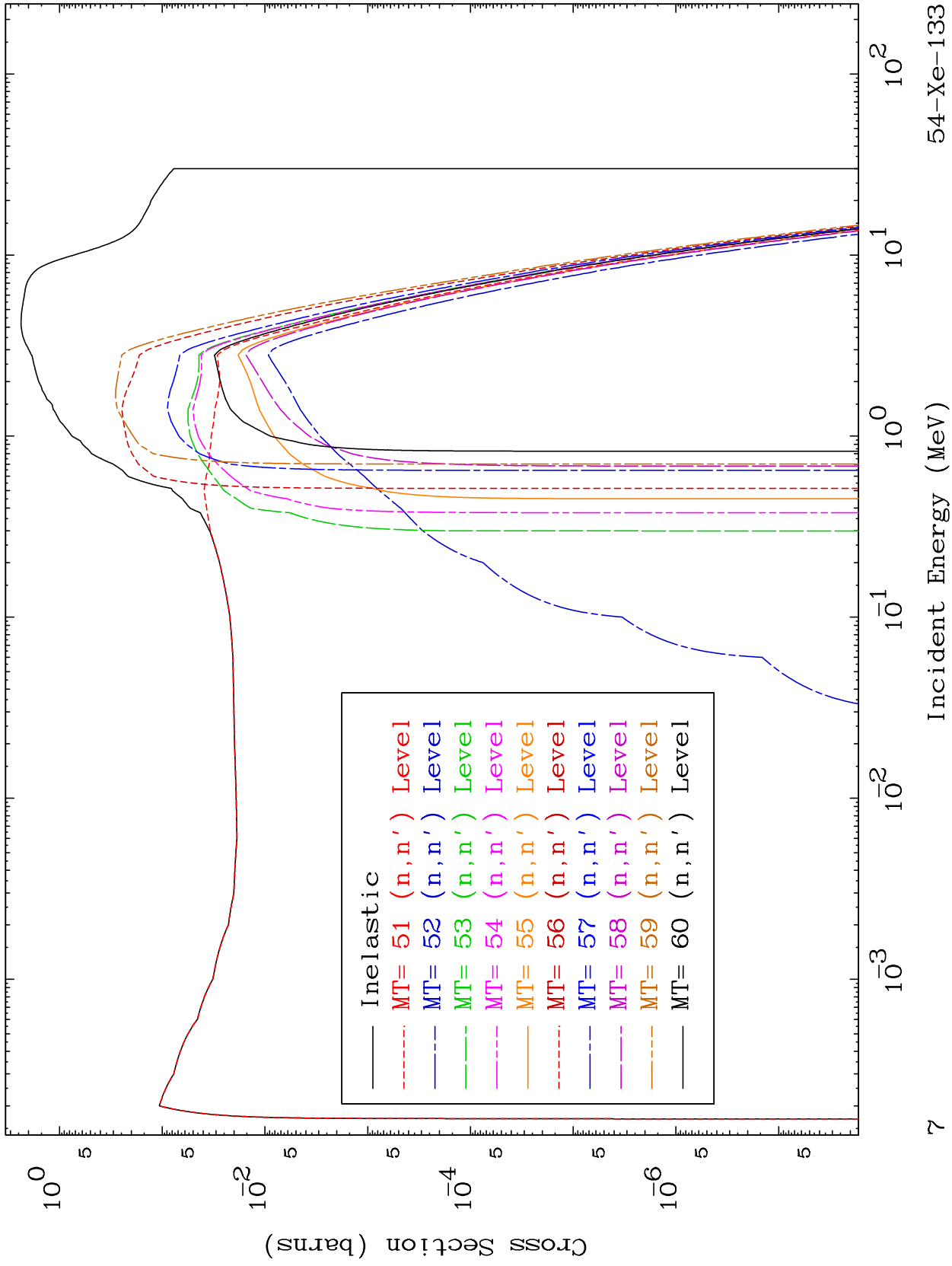


54-Xe-133

MAT 5453

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-133

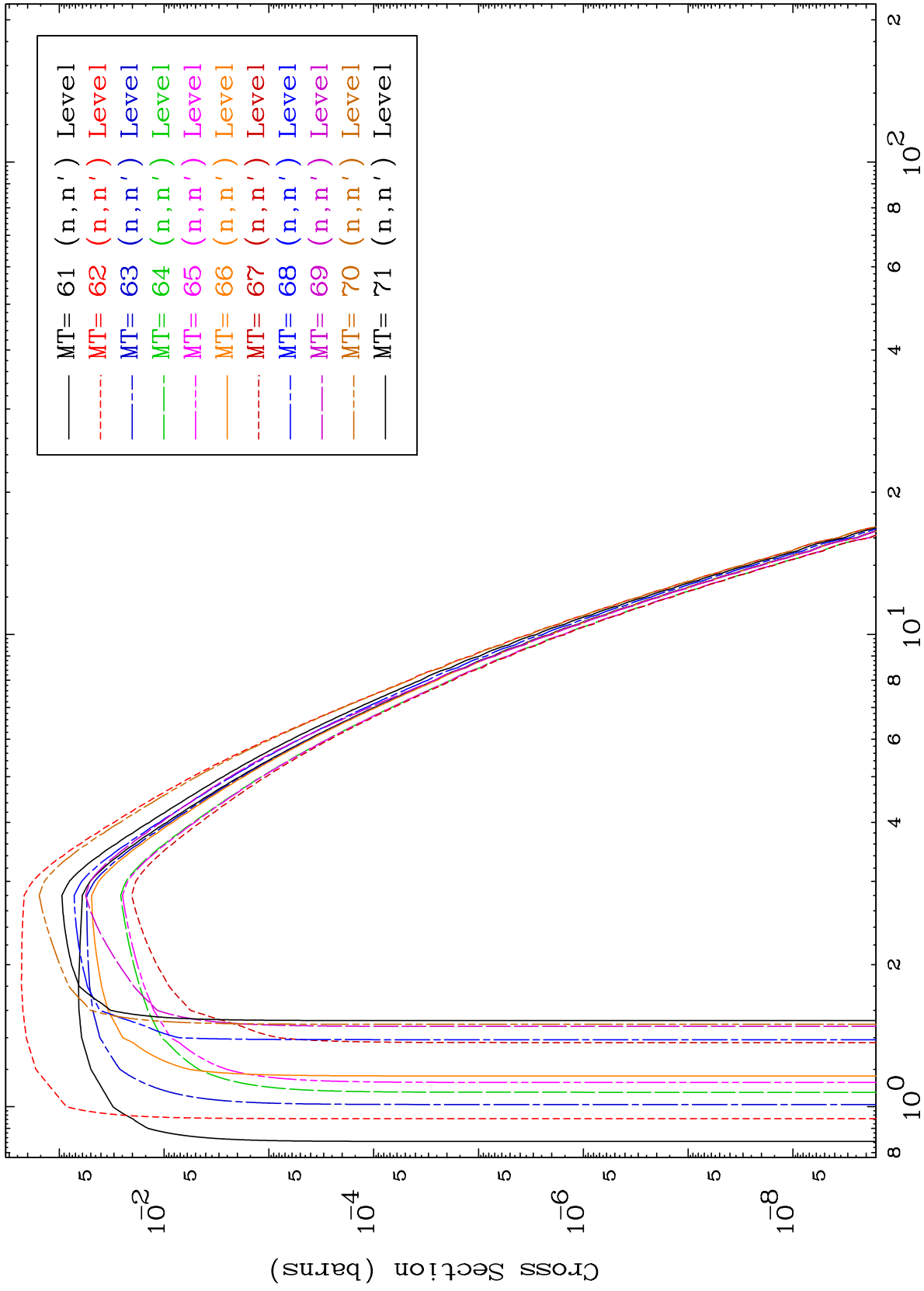


MAT 5453

(n,n') Level

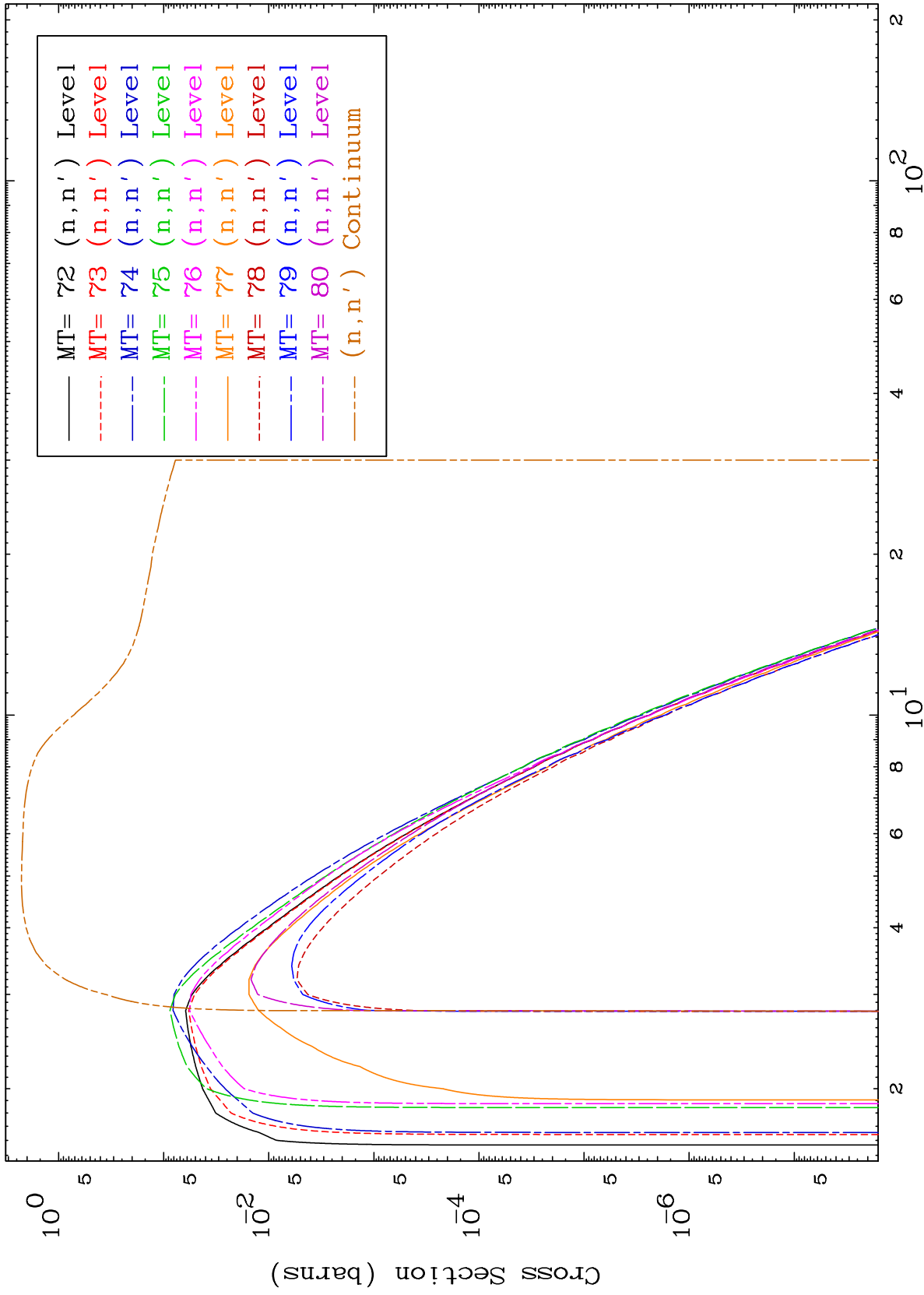
54-Xe-133

293 Kelvin Cross Sections



Incident Energy (MeV)

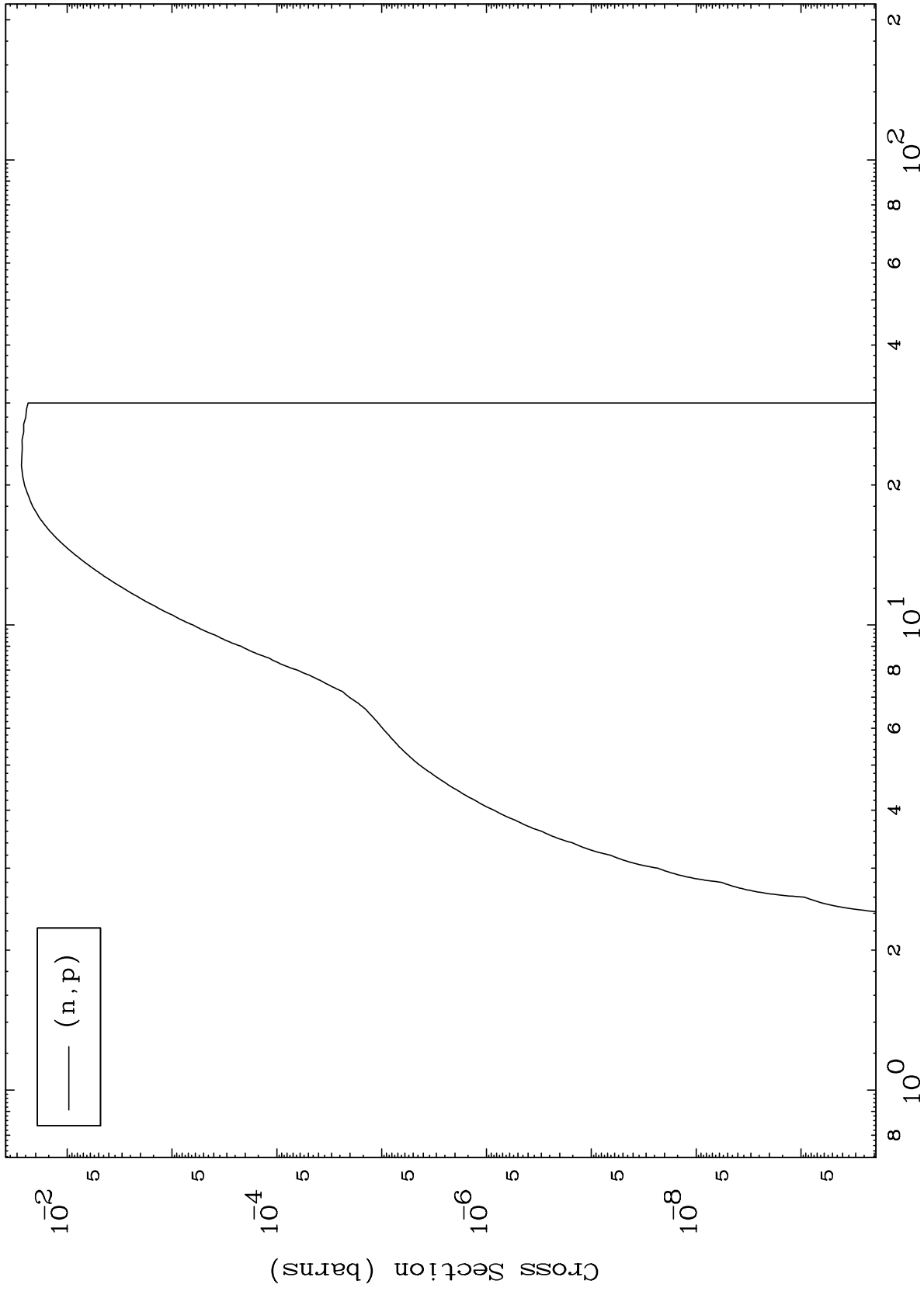
54-Xe-133



MAT 5453

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-133



10

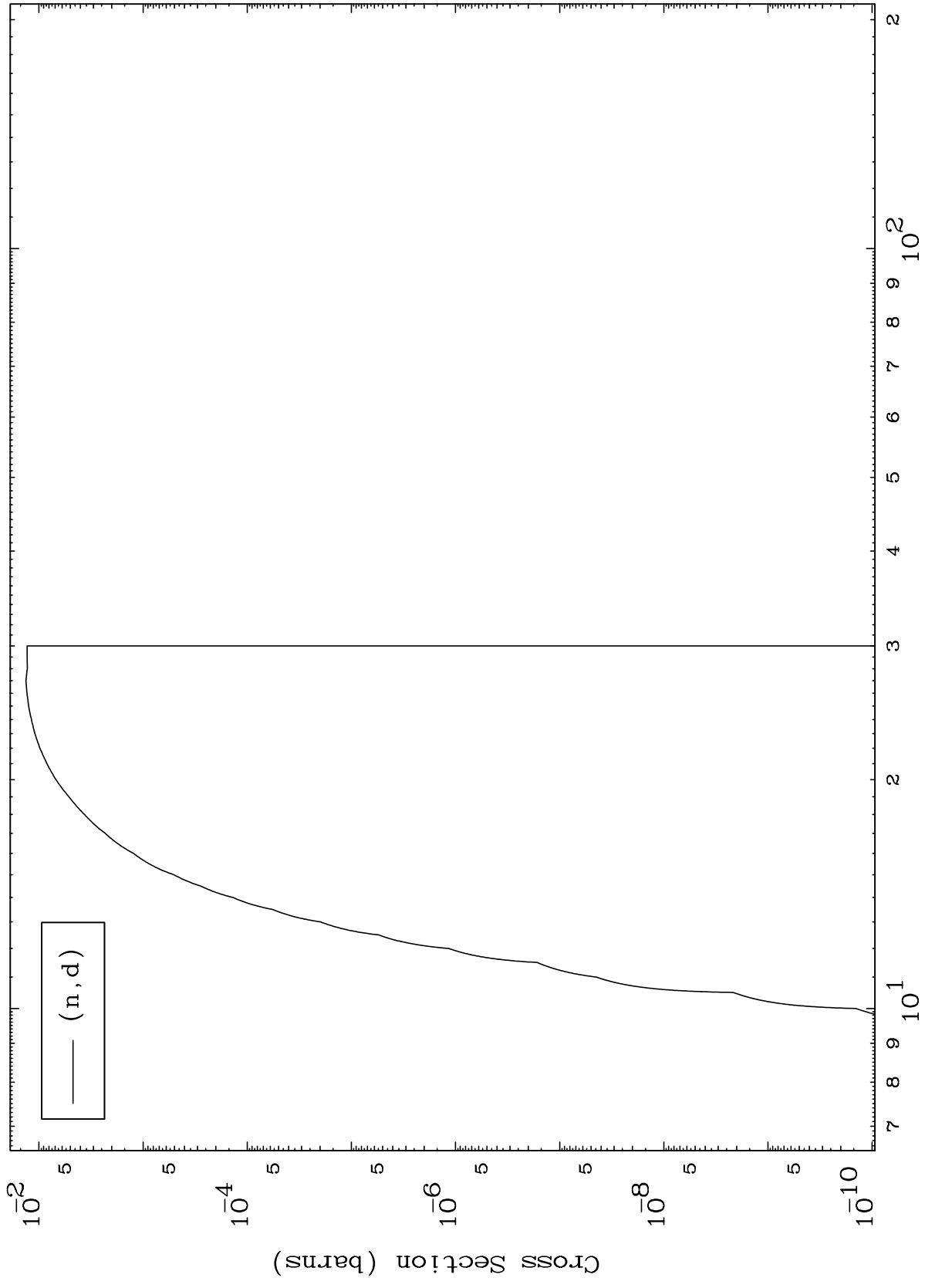
Incident Energy (MeV)

54-Xe-133

MAT 5453

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-133



11

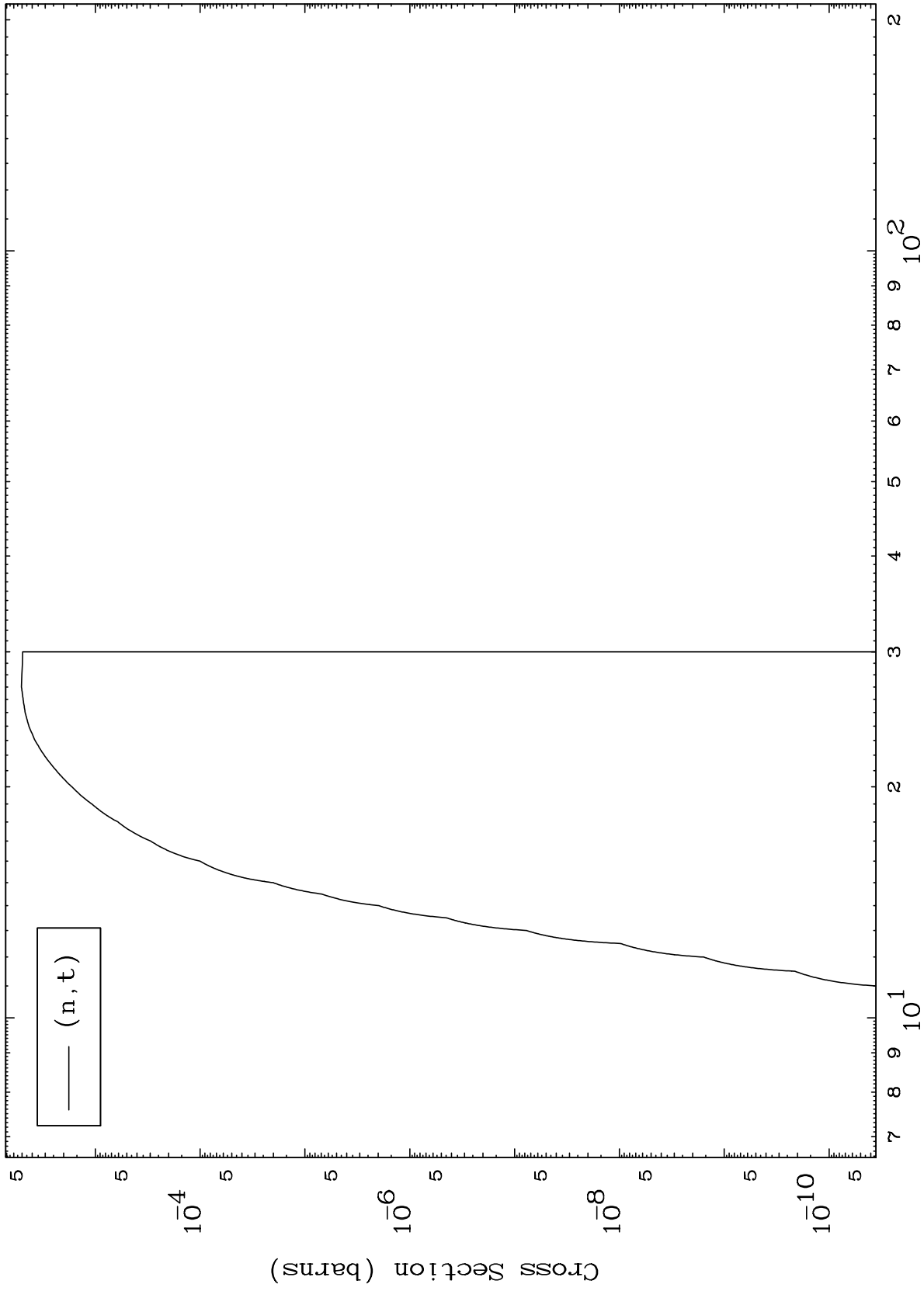
Incident Energy (MeV)

54-Xe-133

MAT 5453

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-133



12

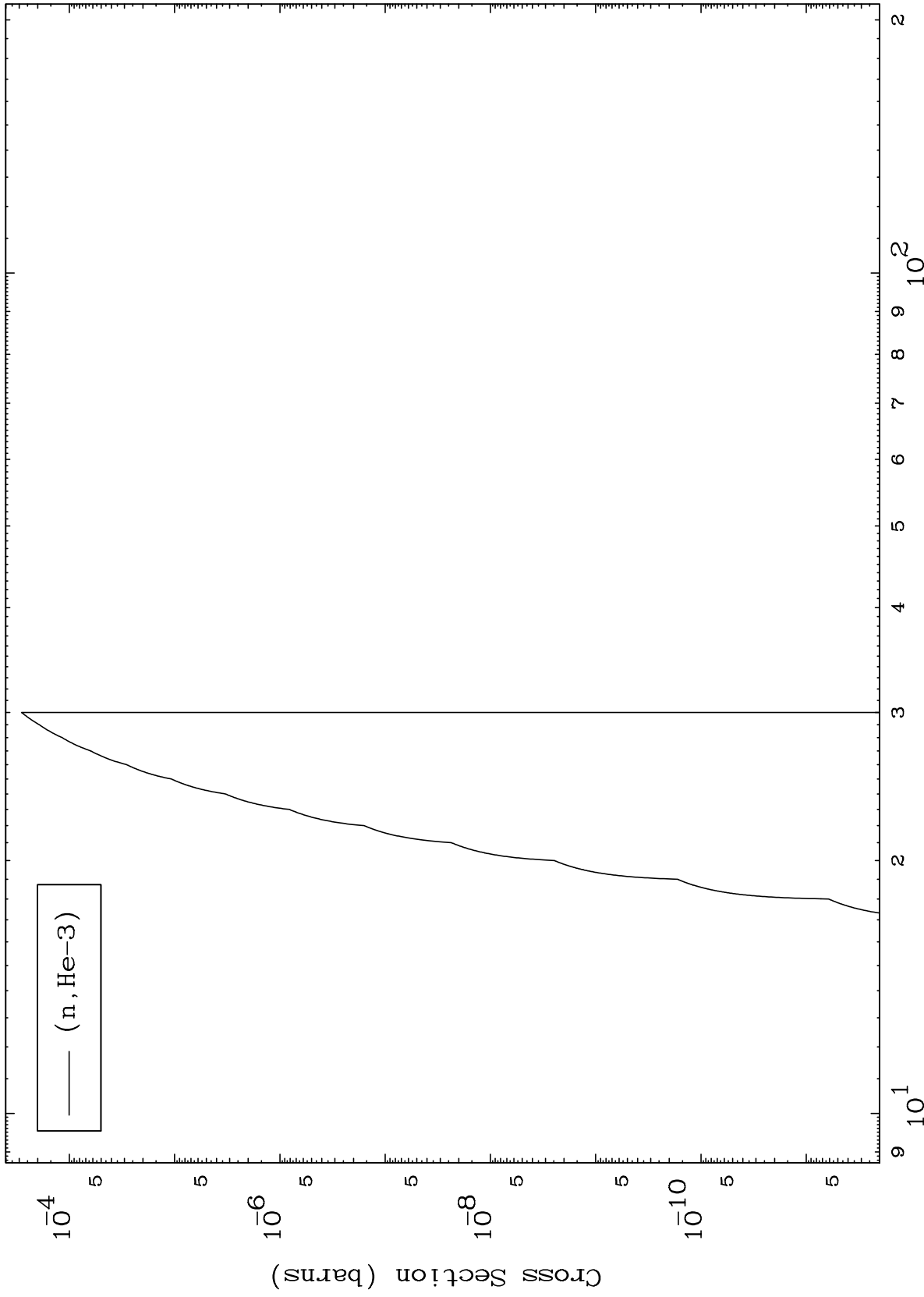
Incident Energy (MeV)

54-Xe-133

MAT 5453

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-133



13

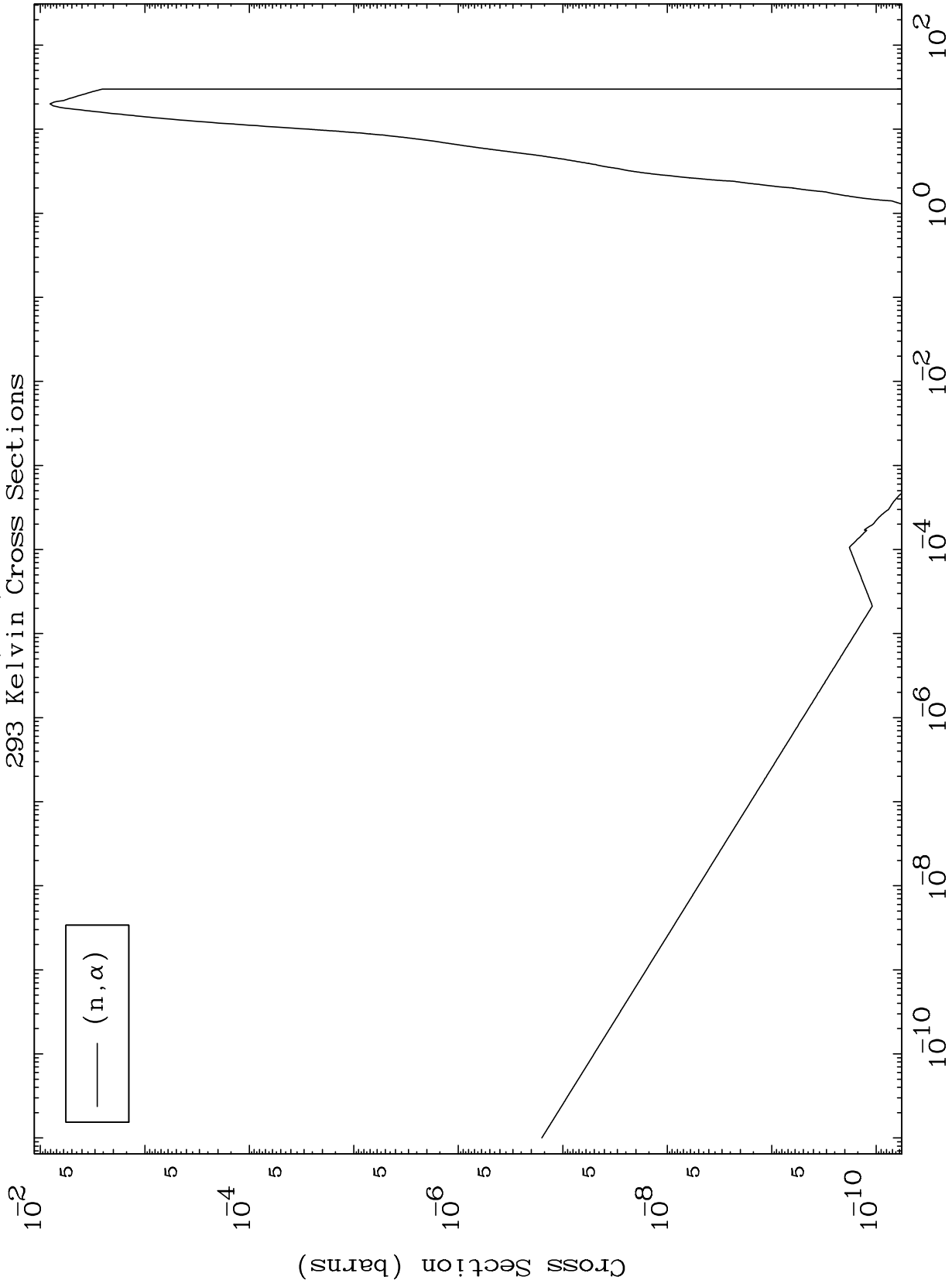
Incident Energy (MeV)

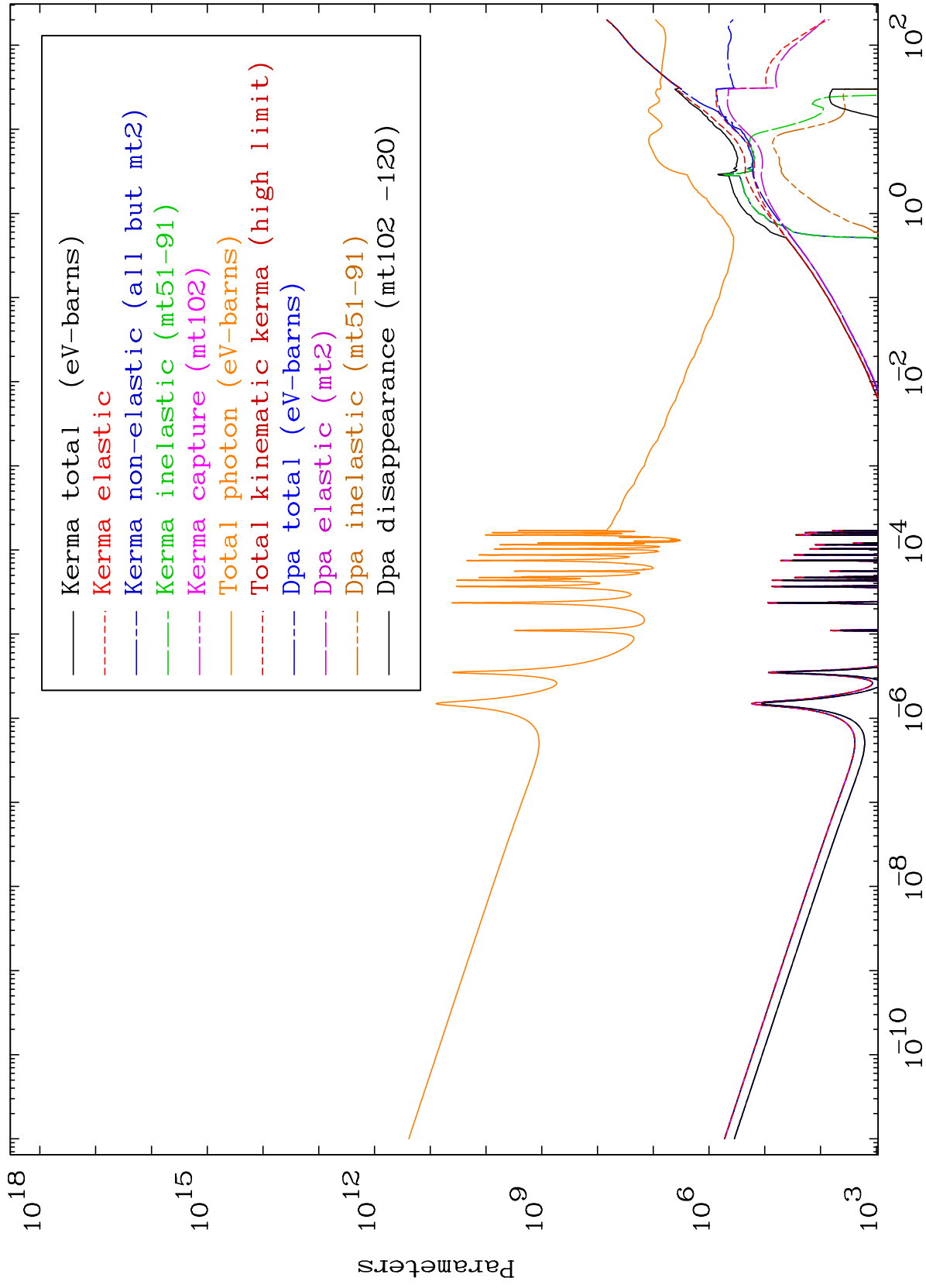
54-Xe-133

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(n,α) Levels  
293 Kelvin Cross Sections

54-Xe-133





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Elastic Legendre Coefficients

54-Xe-133



54-Xe-133

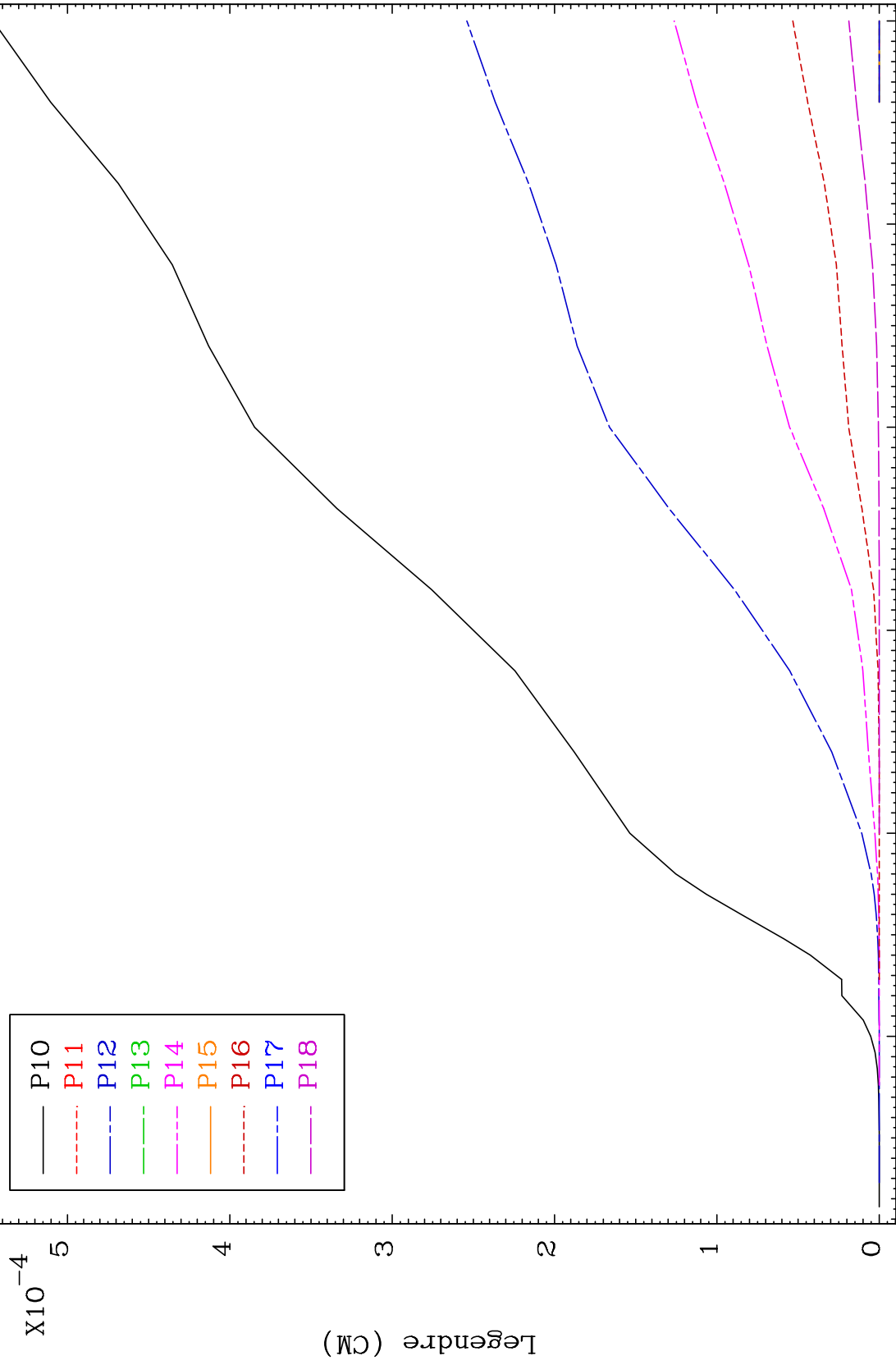
Incident Energy (MeV)

16

MAT 5453

Elastic Legendre Coefficients

54-Xe-133



17

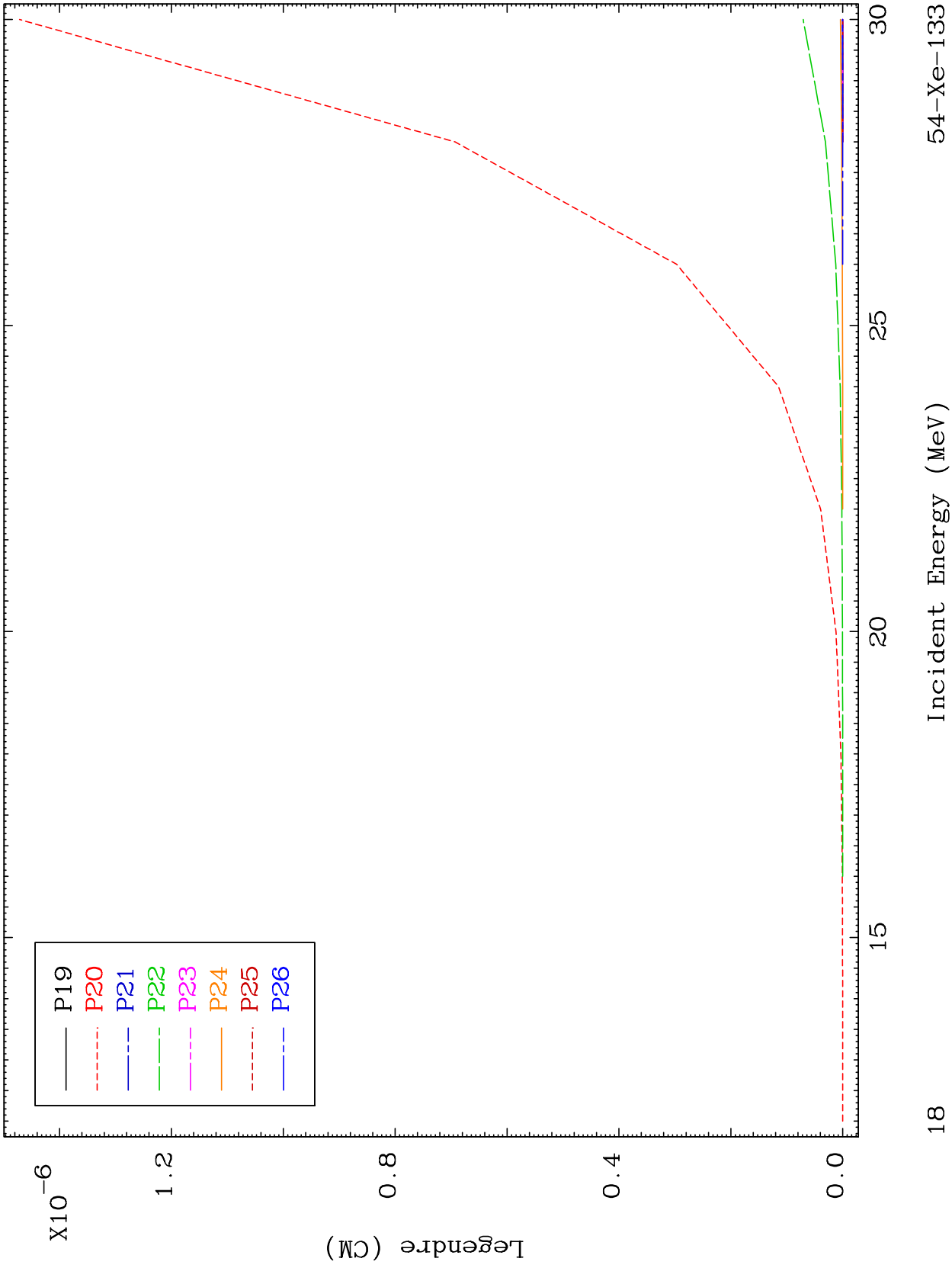
Incident Energy (MeV)

54-Xe-133

MAT 5453

Elastic Legendre Coefficients

54-Xe-133



18

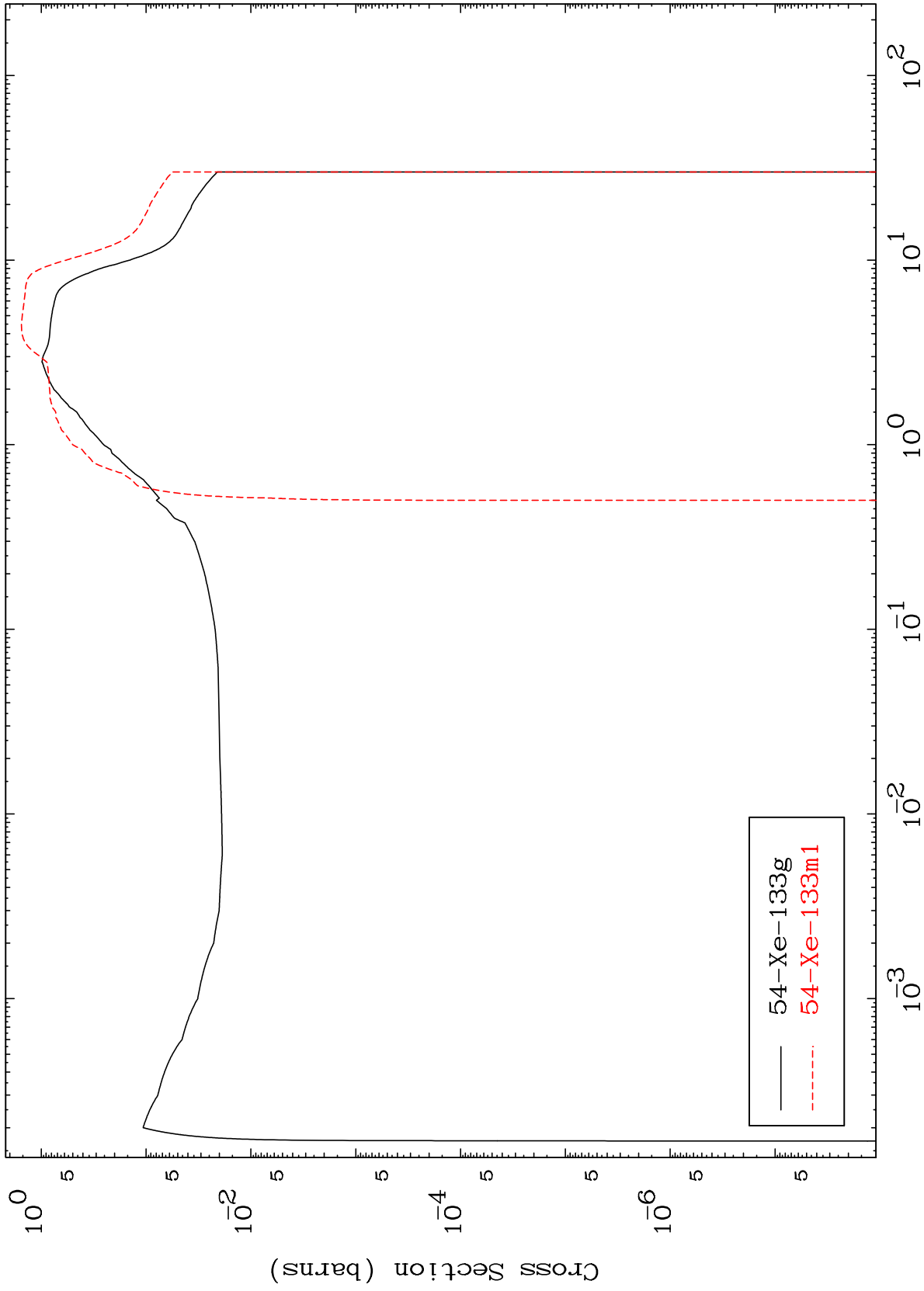
Incident Energy (MeV)

54-Xe-133

MAT 5453

54-Xe-133

Inelastic  
Radionuclide Production Cross Section

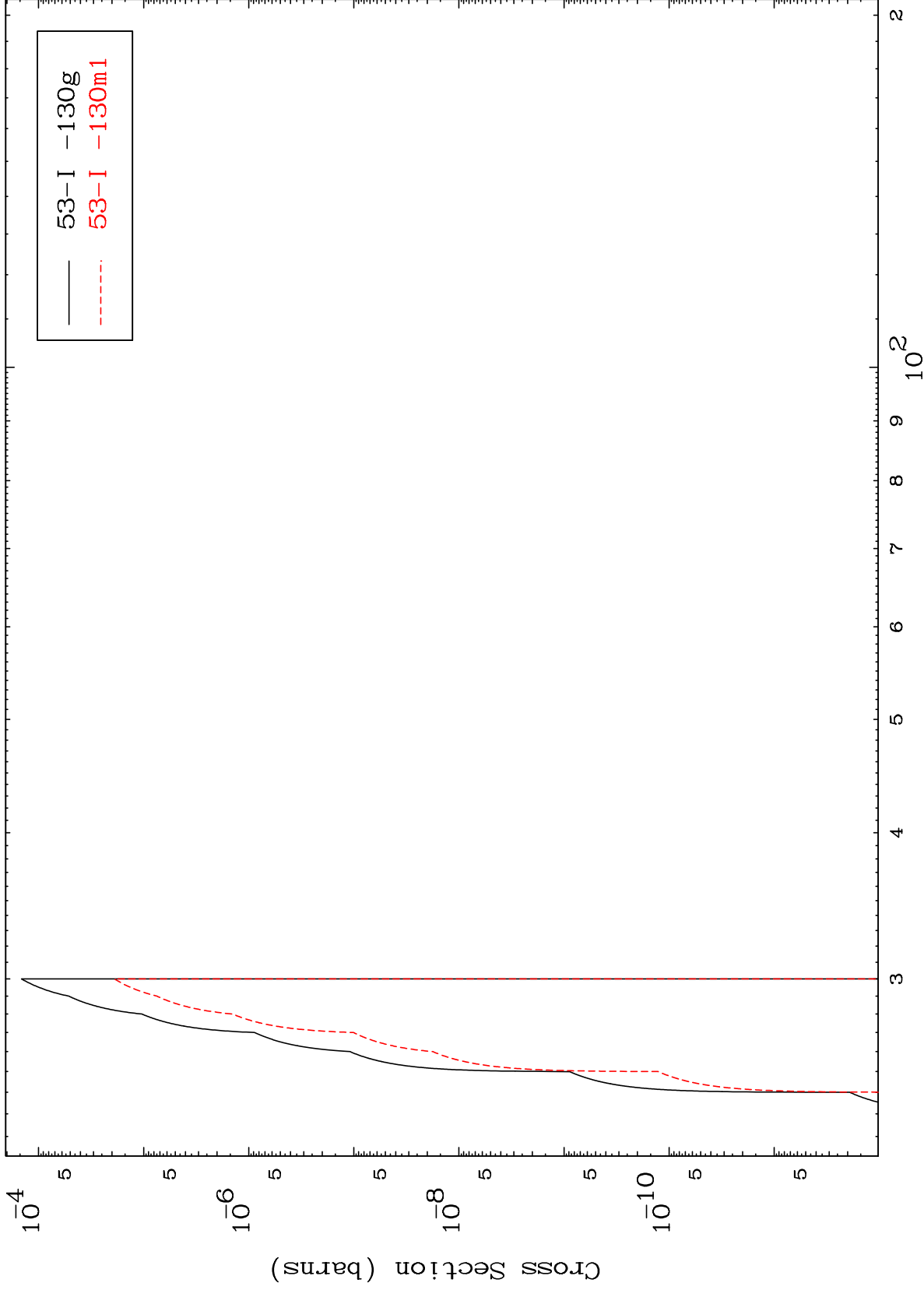


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(n,2n) d

54-Xe-133

Radionuclide Production Cross Section



20

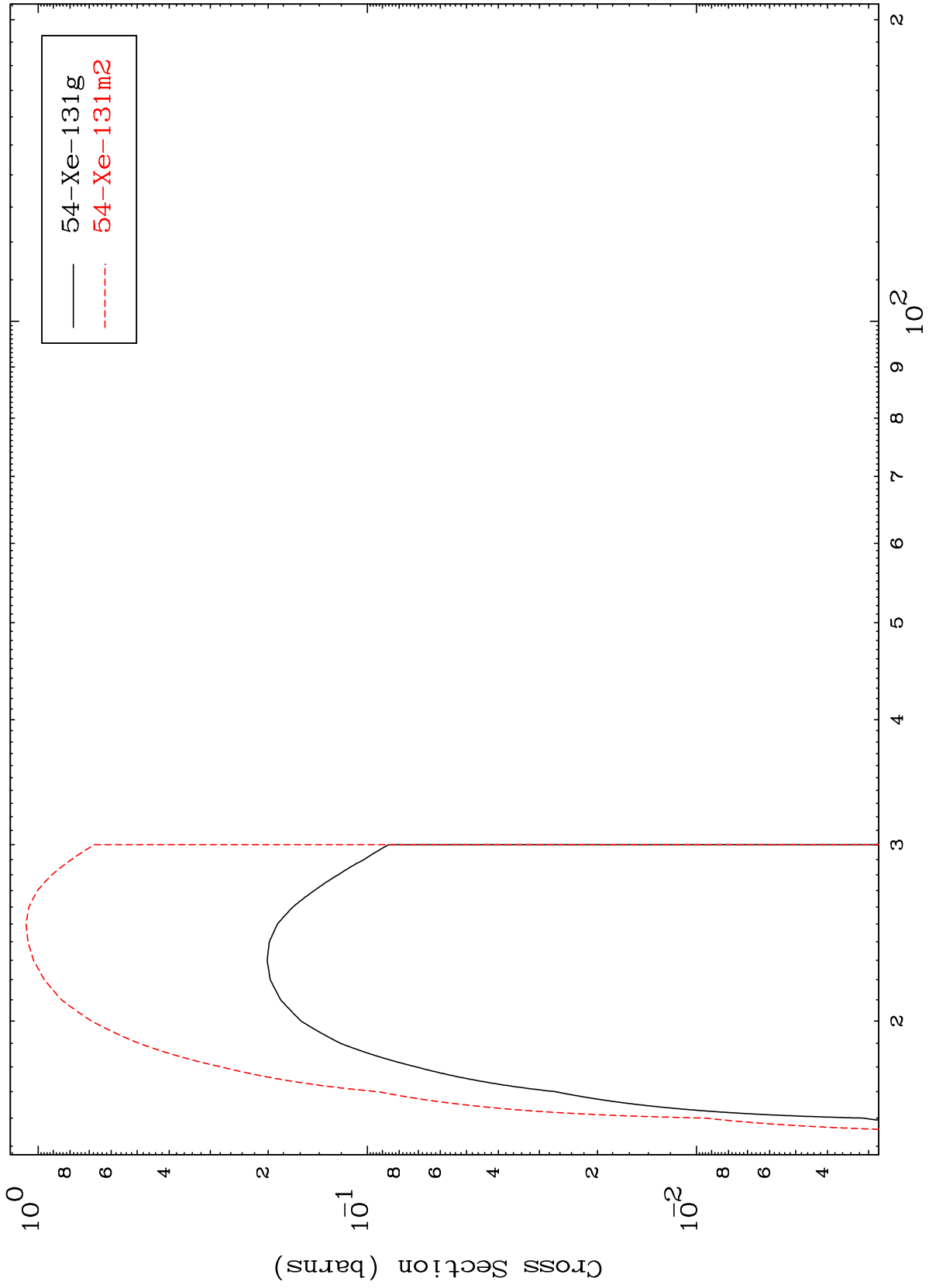
Incident Energy (MeV)

54-Xe-133

MAT 5453

54-Xe-133

(n,3n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

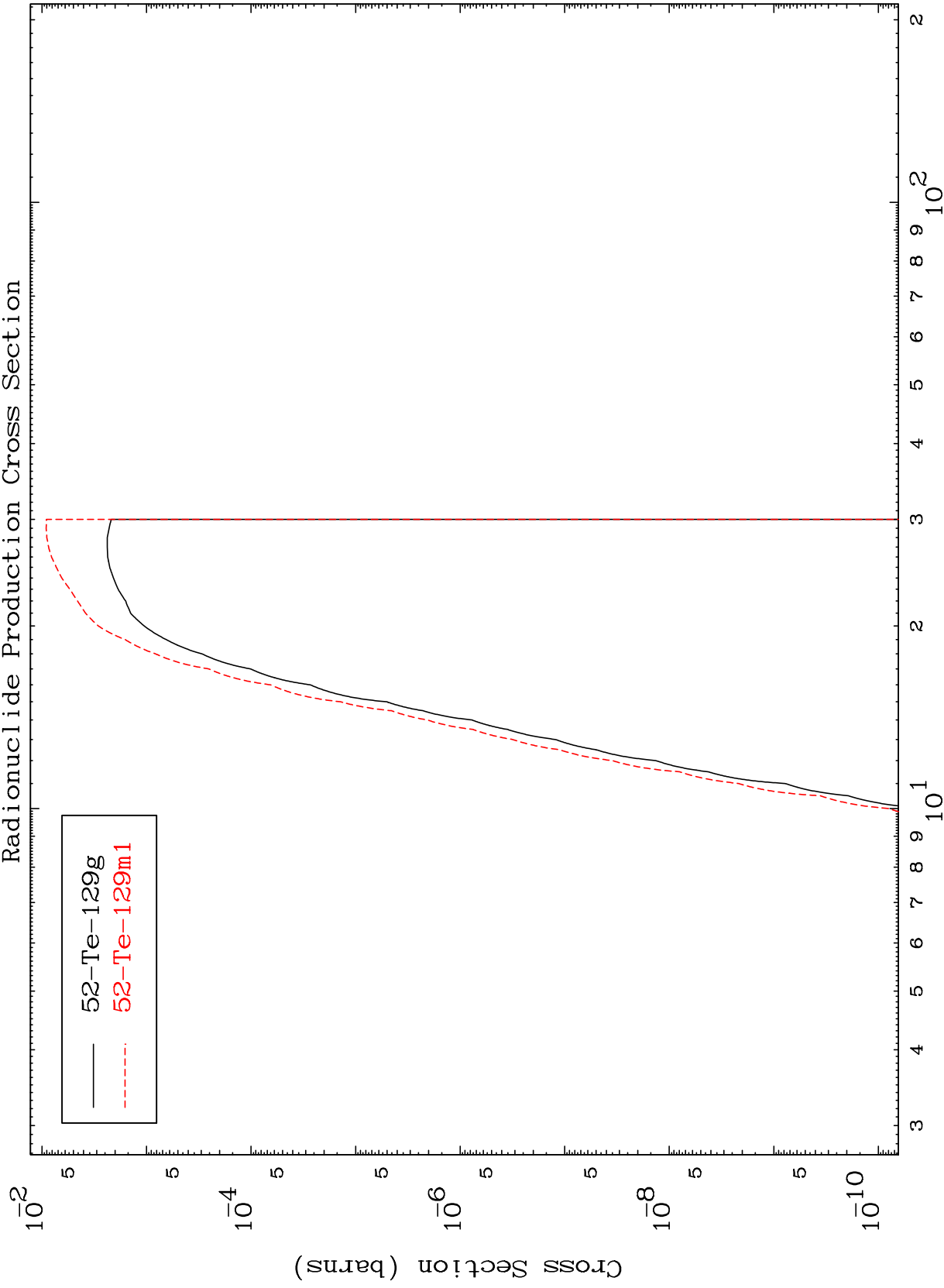
54-Xe-133

MAT 5453

54-Xe-133

(n,n')  $\alpha$

Radionuclide Production Cross Section



22

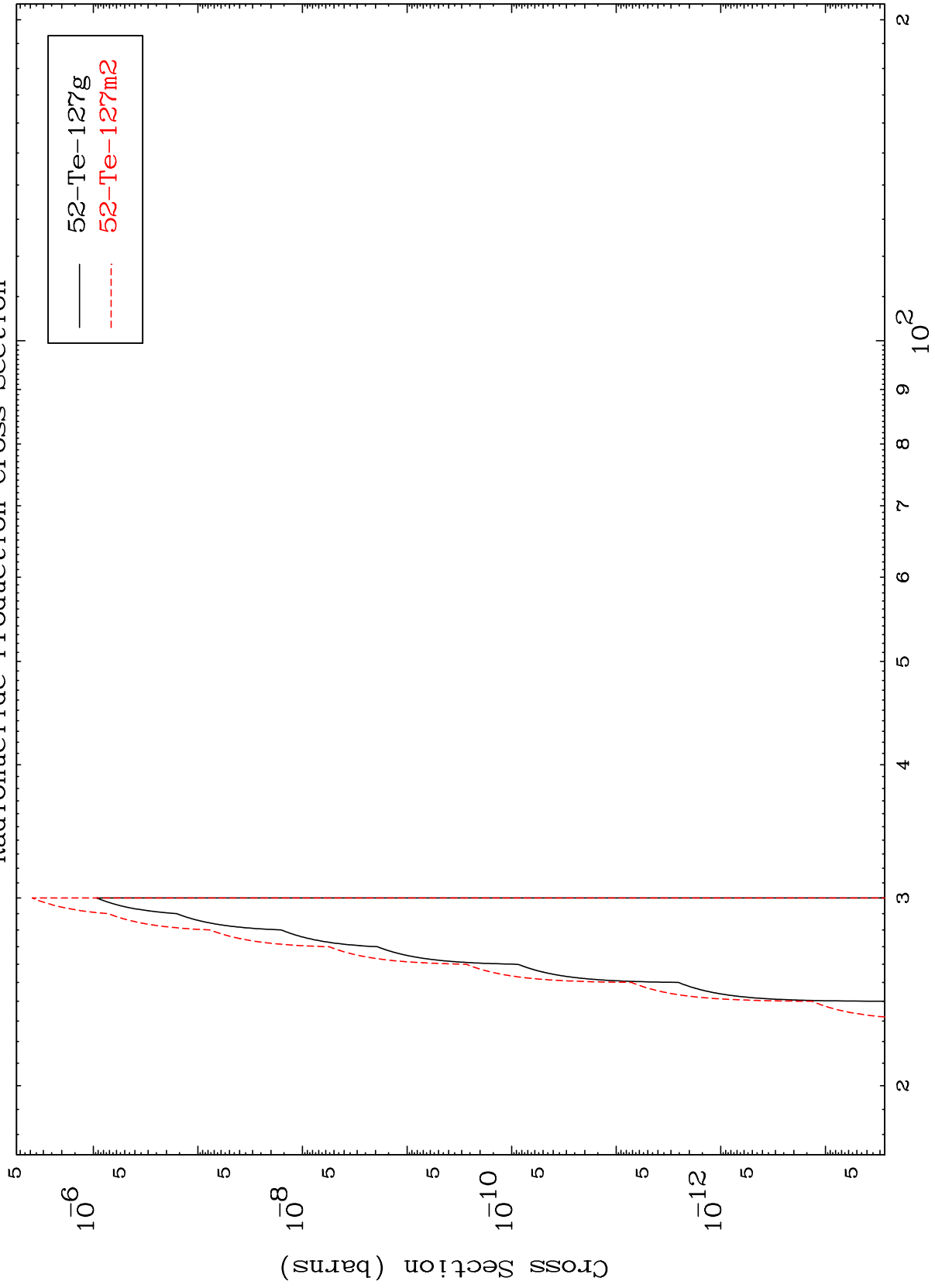
54-Xe-133

MAT 5453

(n,3n)  $\alpha$

54-Xe-133

Radionuclide Production Cross Section



23

Incident Energy (MeV)

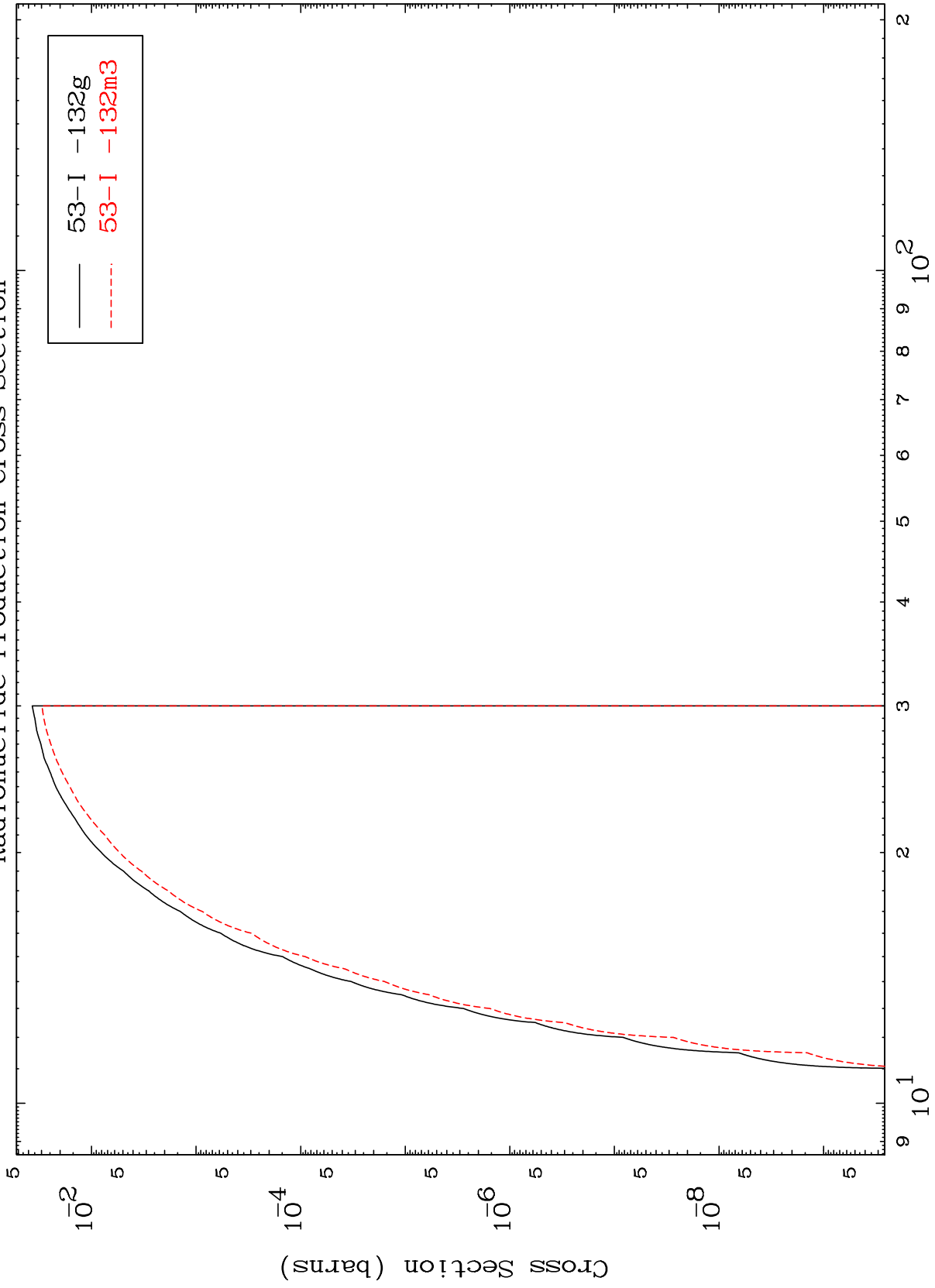
54-Xe-133

MAT 5453

(n,n') p

54-Xe-133

Radionuclide Production Cross Section



24

Incident Energy (MeV)

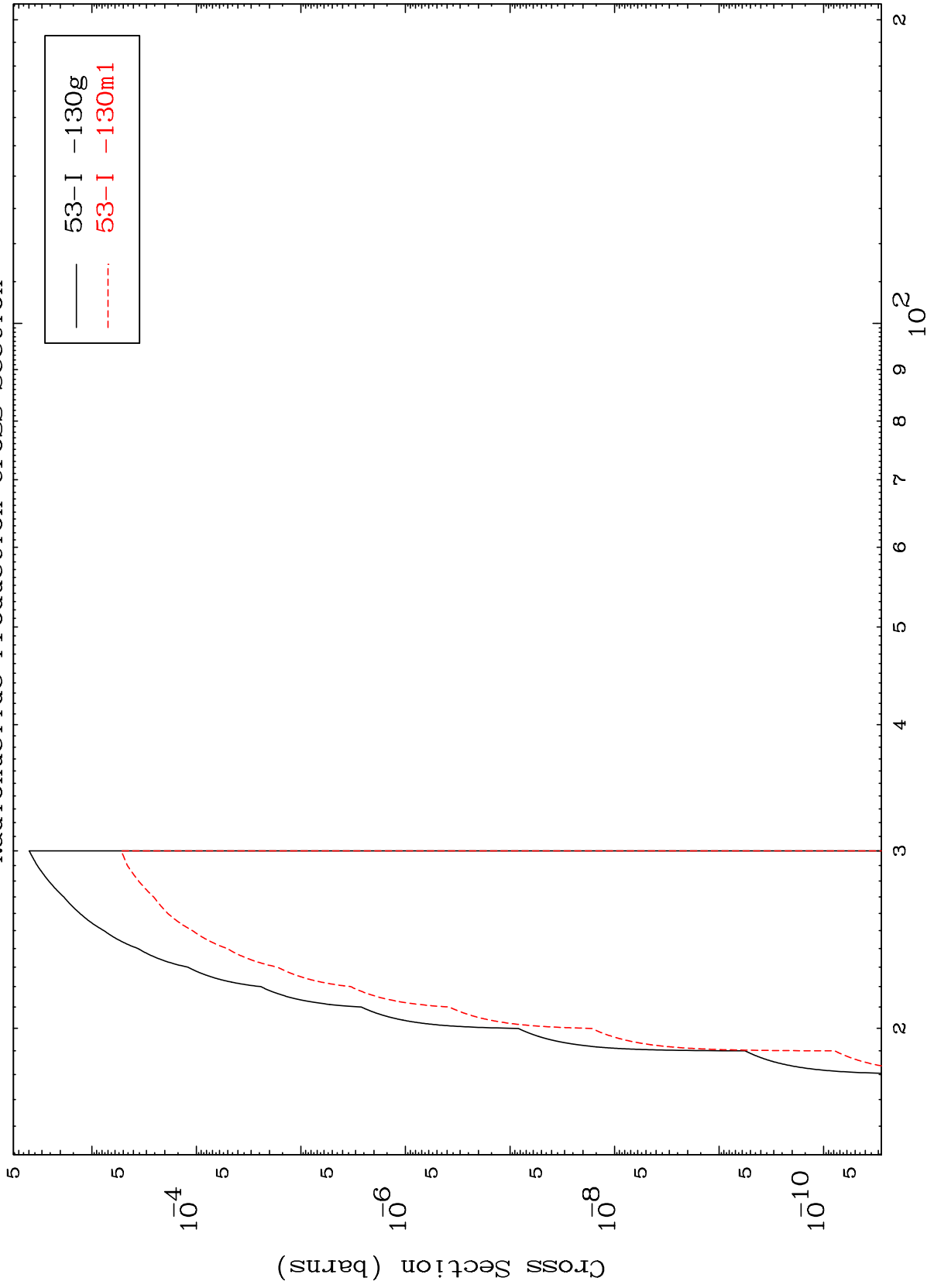
54-Xe-133

MAT 5453

(n,n') t

54-Xe-133

Radionuclide Production Cross Section



25

Incident Energy (MeV)

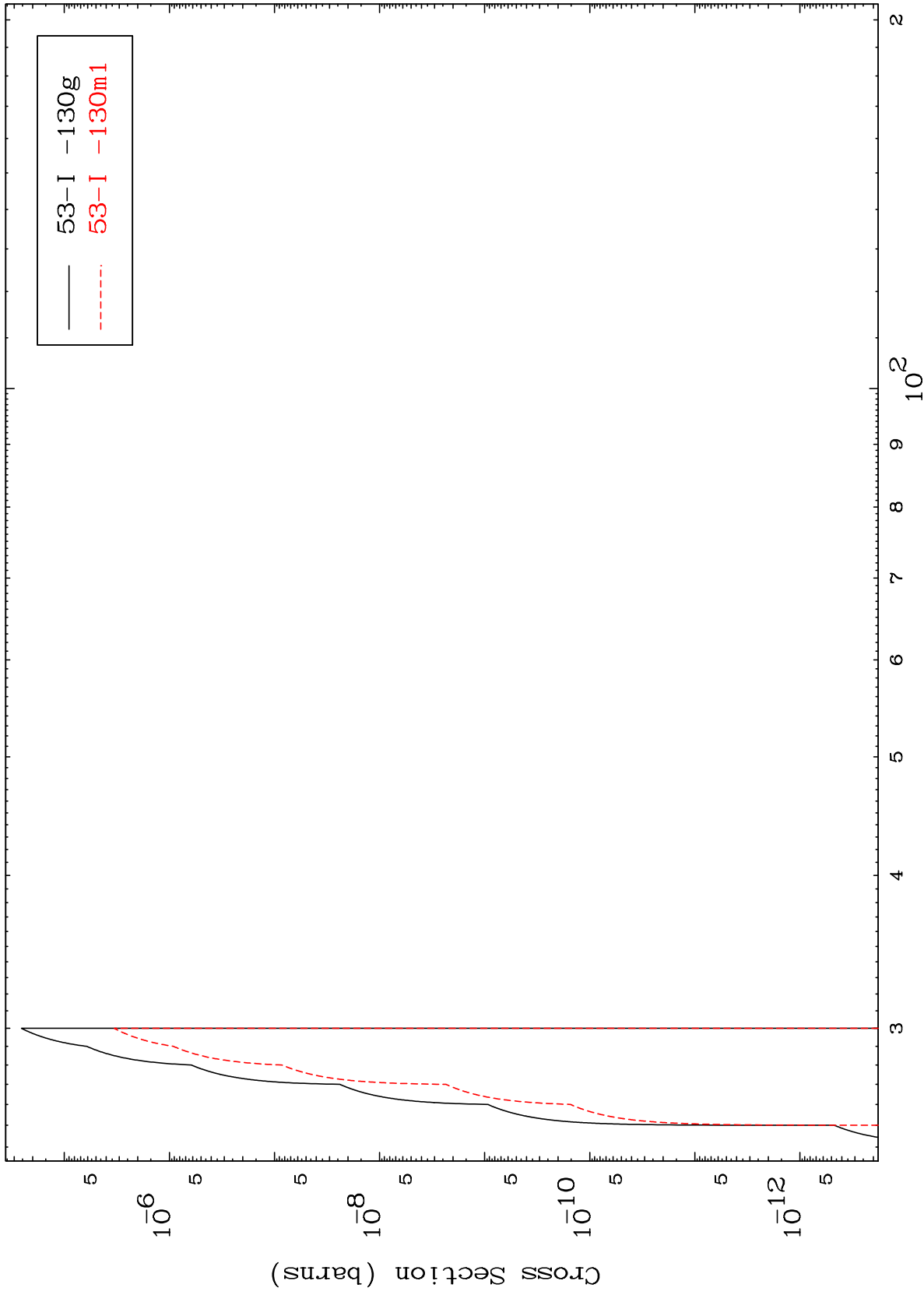
54-Xe-133

MAT 5453

(n,3n) p

54-Xe-133

Radionuclide Production Cross Section



26

Incident Energy (MeV)

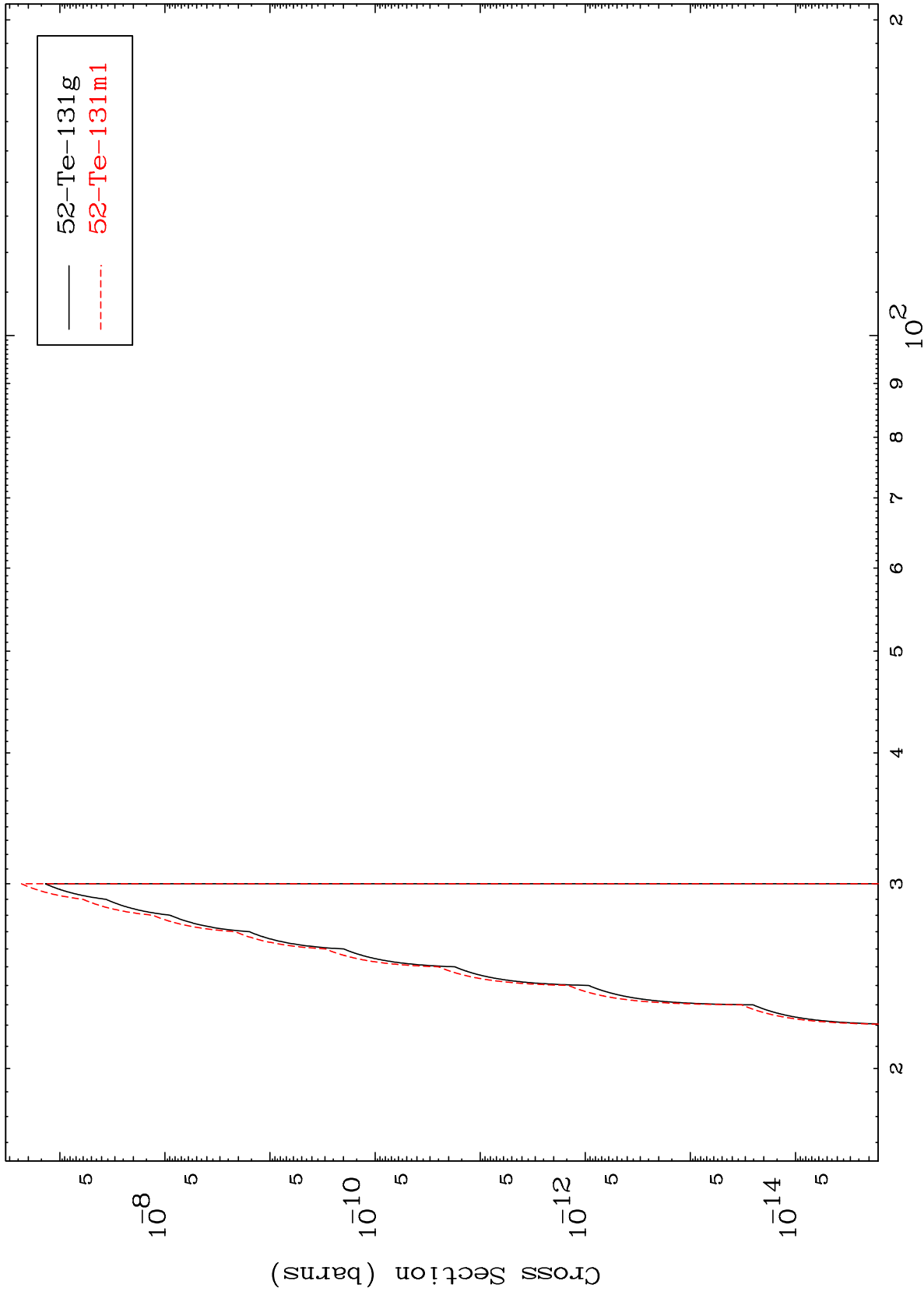
54-Xe-133

MAT 5453

(n,2n) p

54-Xe-133

Radionuclide Production Cross Section



27

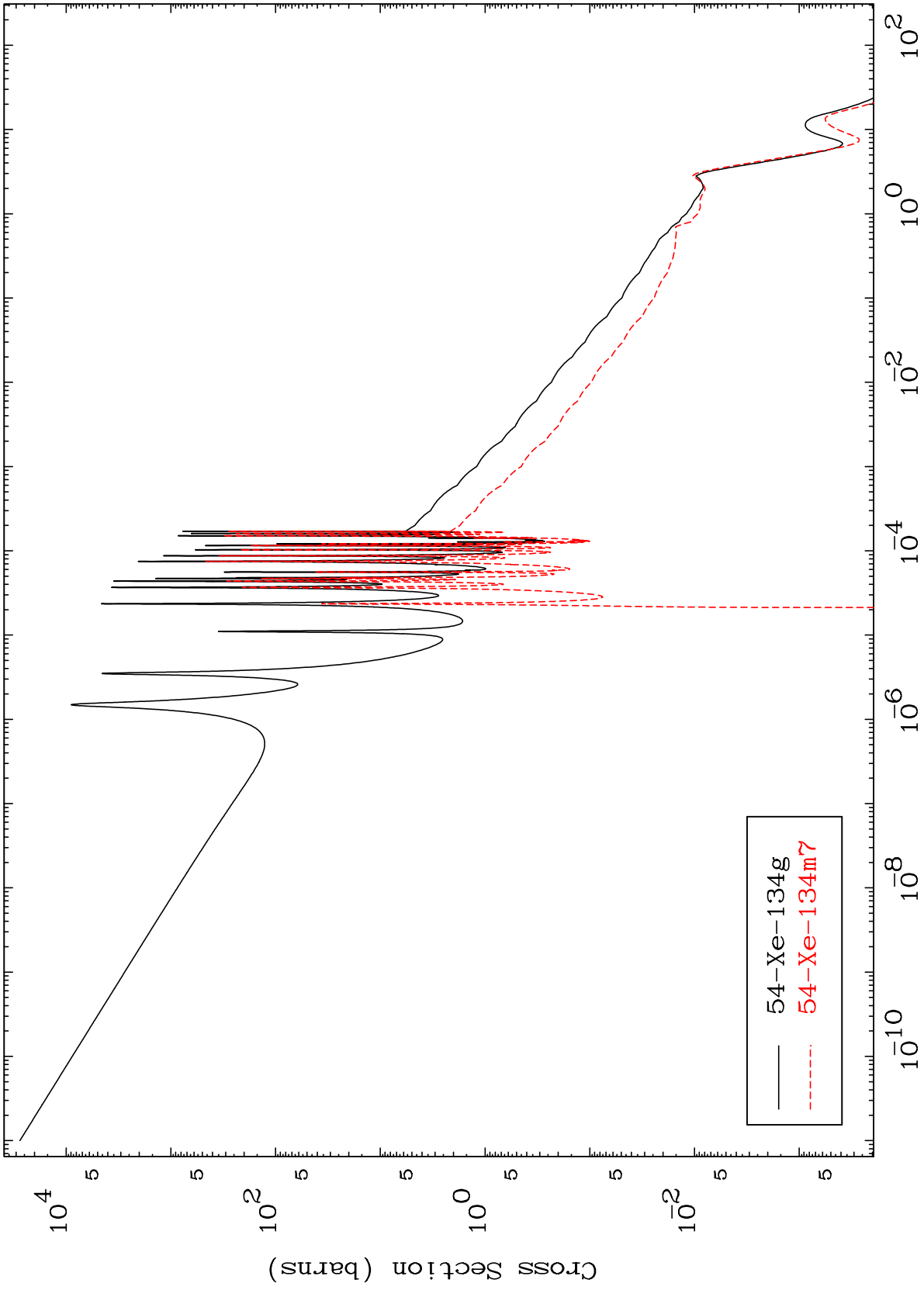
Incident Energy (MeV)

54-Xe-133

MAT 5453

54-Xe-133

(n,γ)  
Radionuclide Production Cross Section

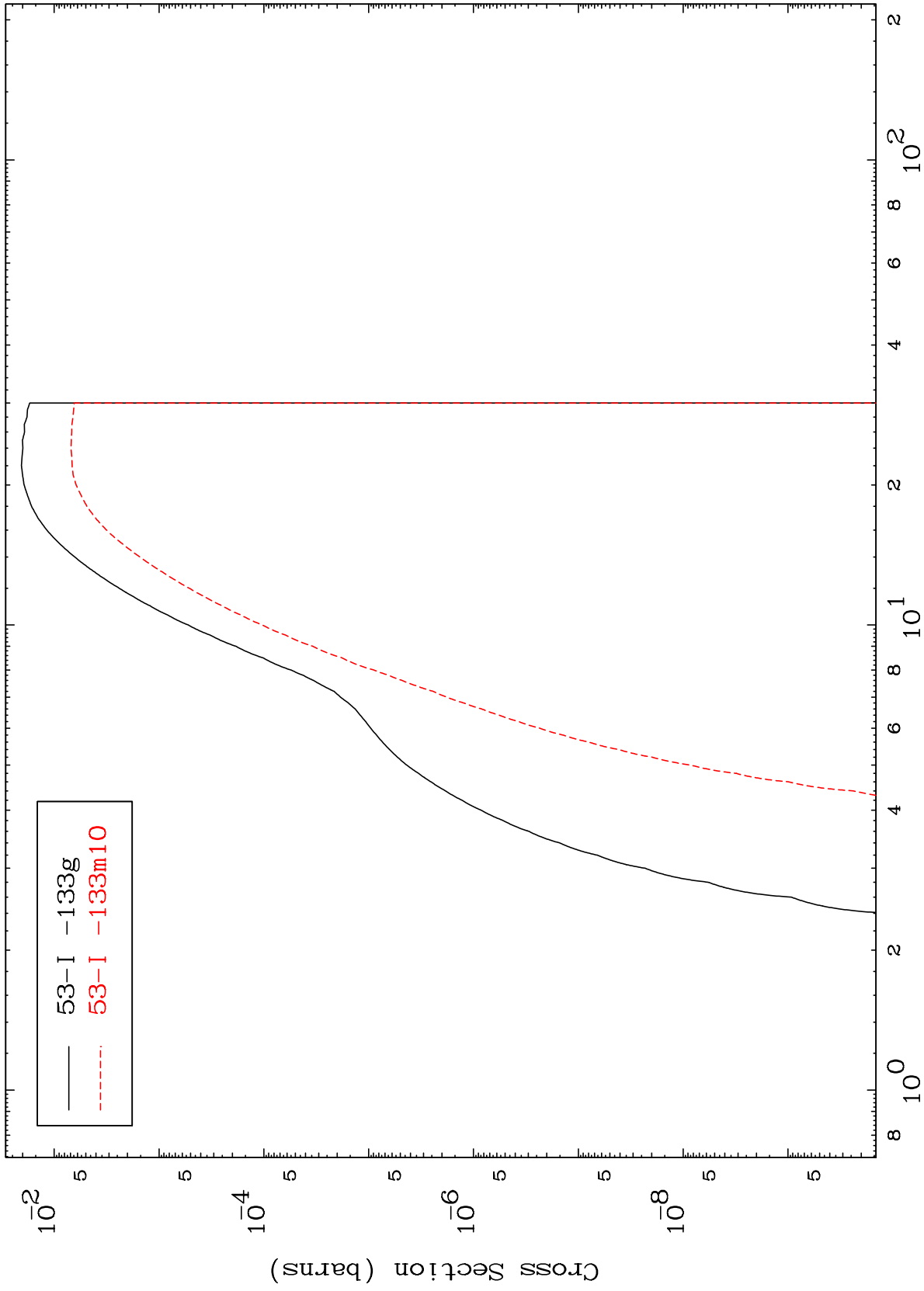


54-Xe-133

MAT 5453

54-Xe-133

(n,p)  
Radionuclide Production Cross Section



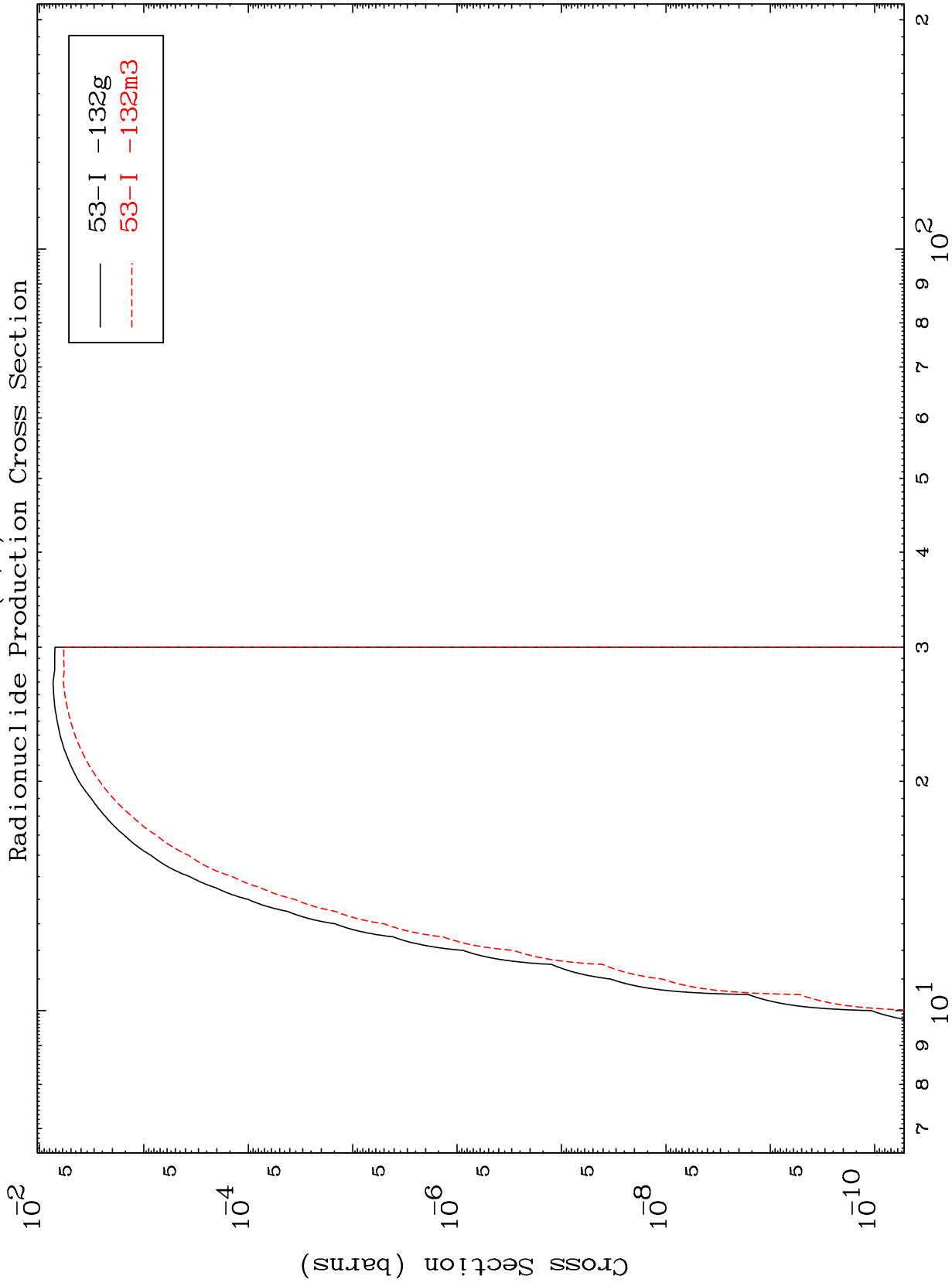
29

54-Xe-133

MAT 5453

54-Xe-133

(n,d)  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

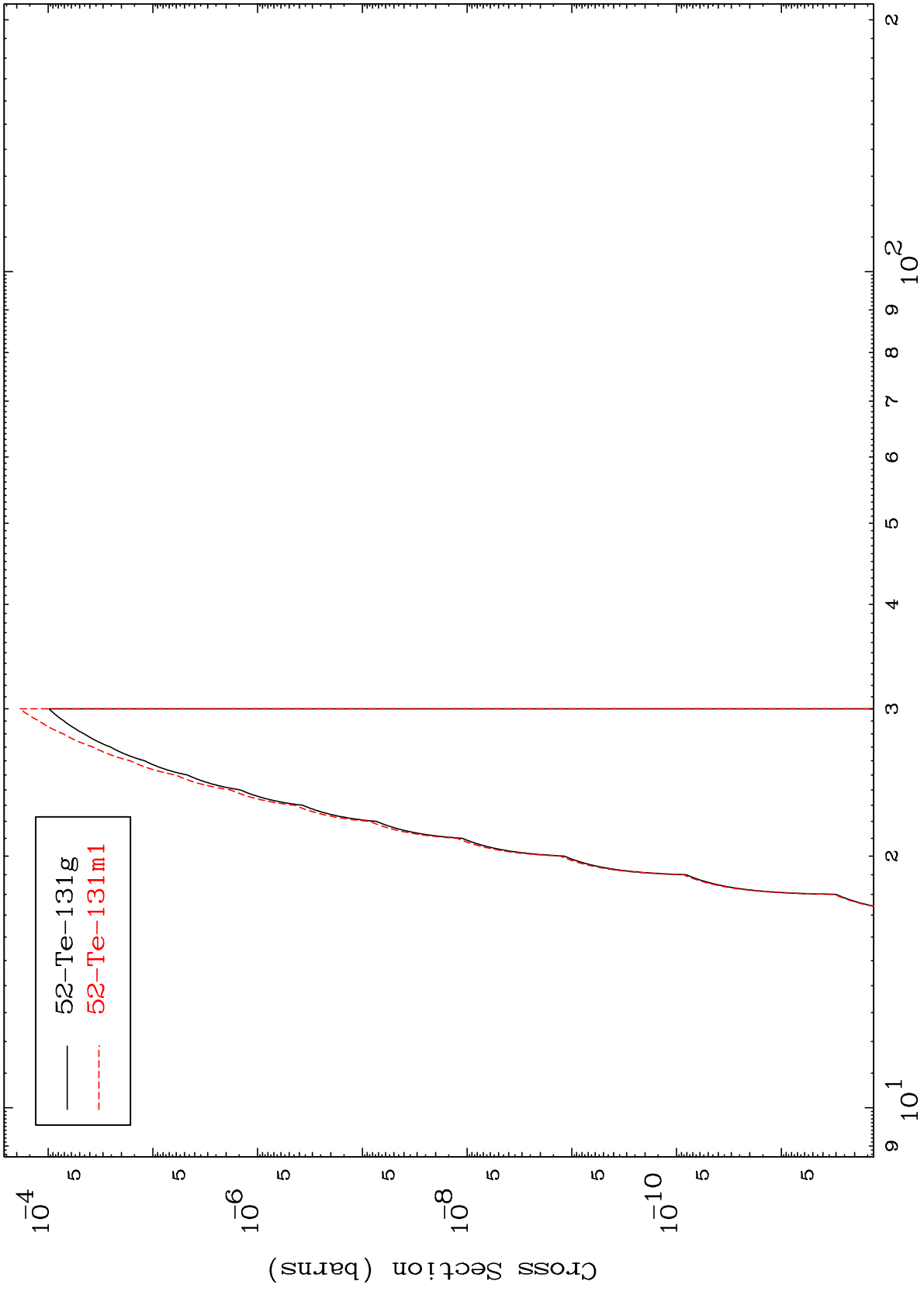
54-Xe-133

MAT 5453

(n,He-3)

54-Xe-133

Radionuclide Production Cross Section



31

Incident Energy (MeV)

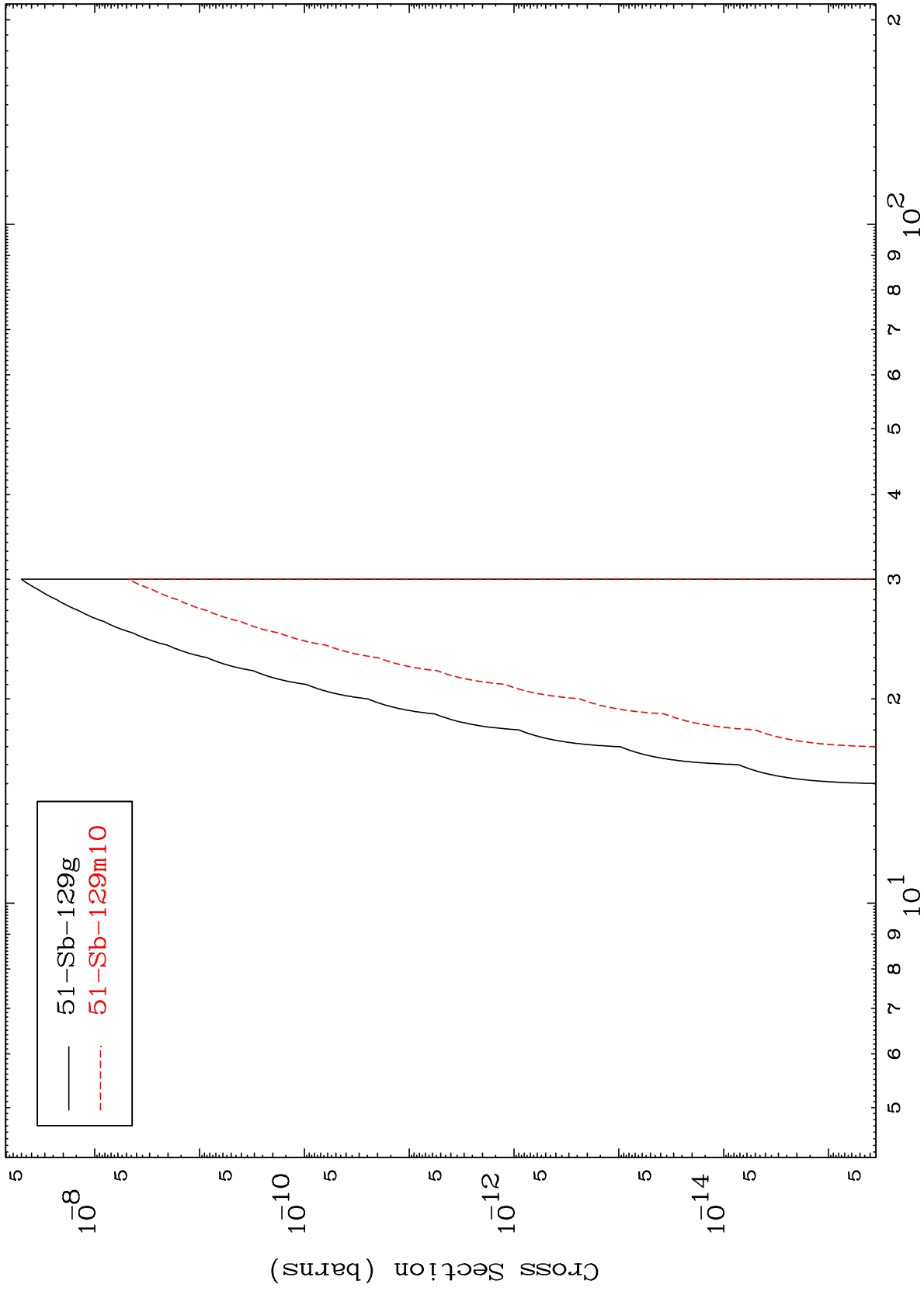
54-Xe-133

MAT 5453

(n,p)  $\alpha$

54-Xe-133

Radionuclide Production Cross Section



32

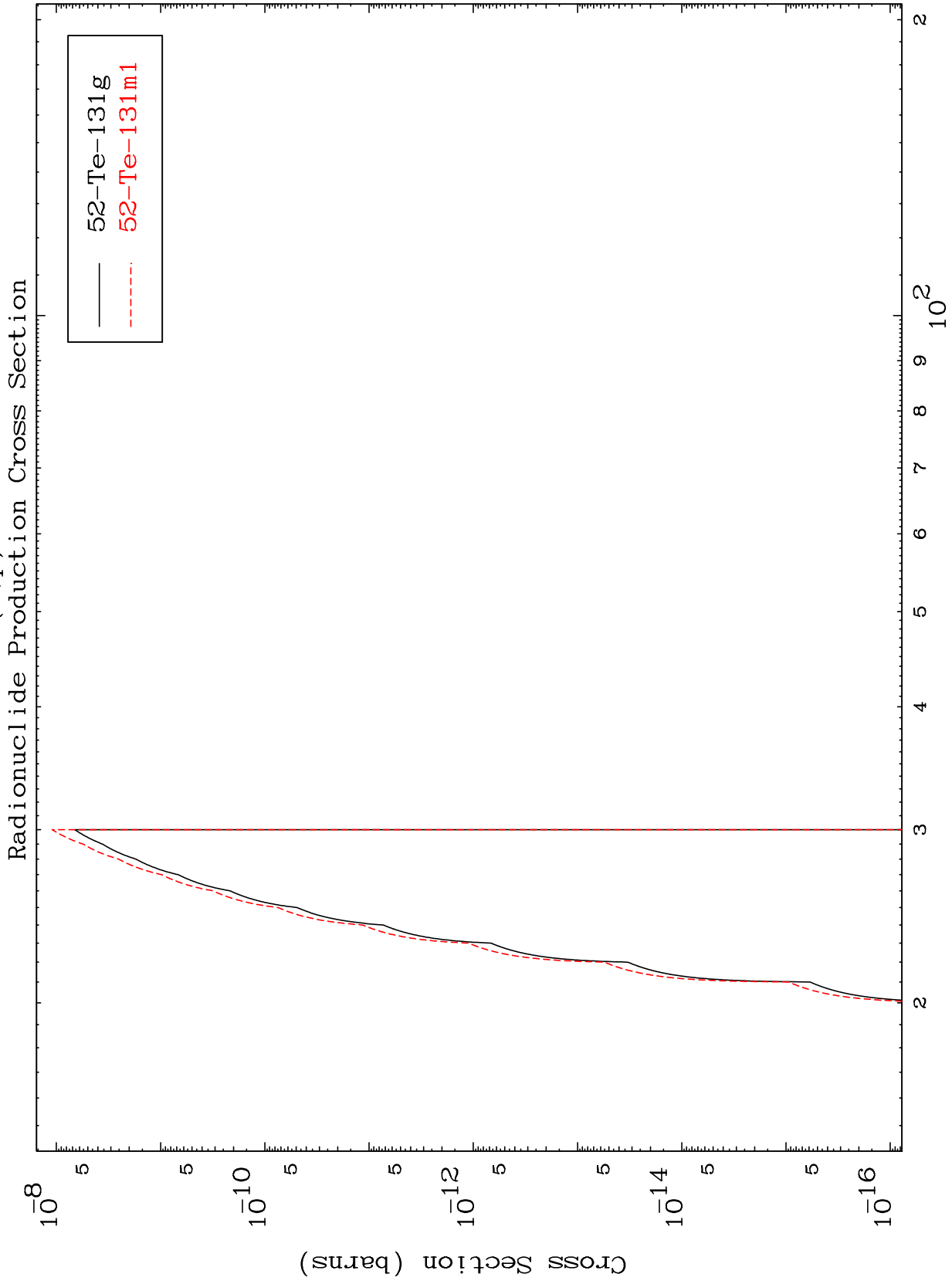
Incident Energy (MeV)

54-Xe-133

MAT 5453

(n,p) d

54-Xe-133



33

Incident Energy (MeV)

54-Xe-133