

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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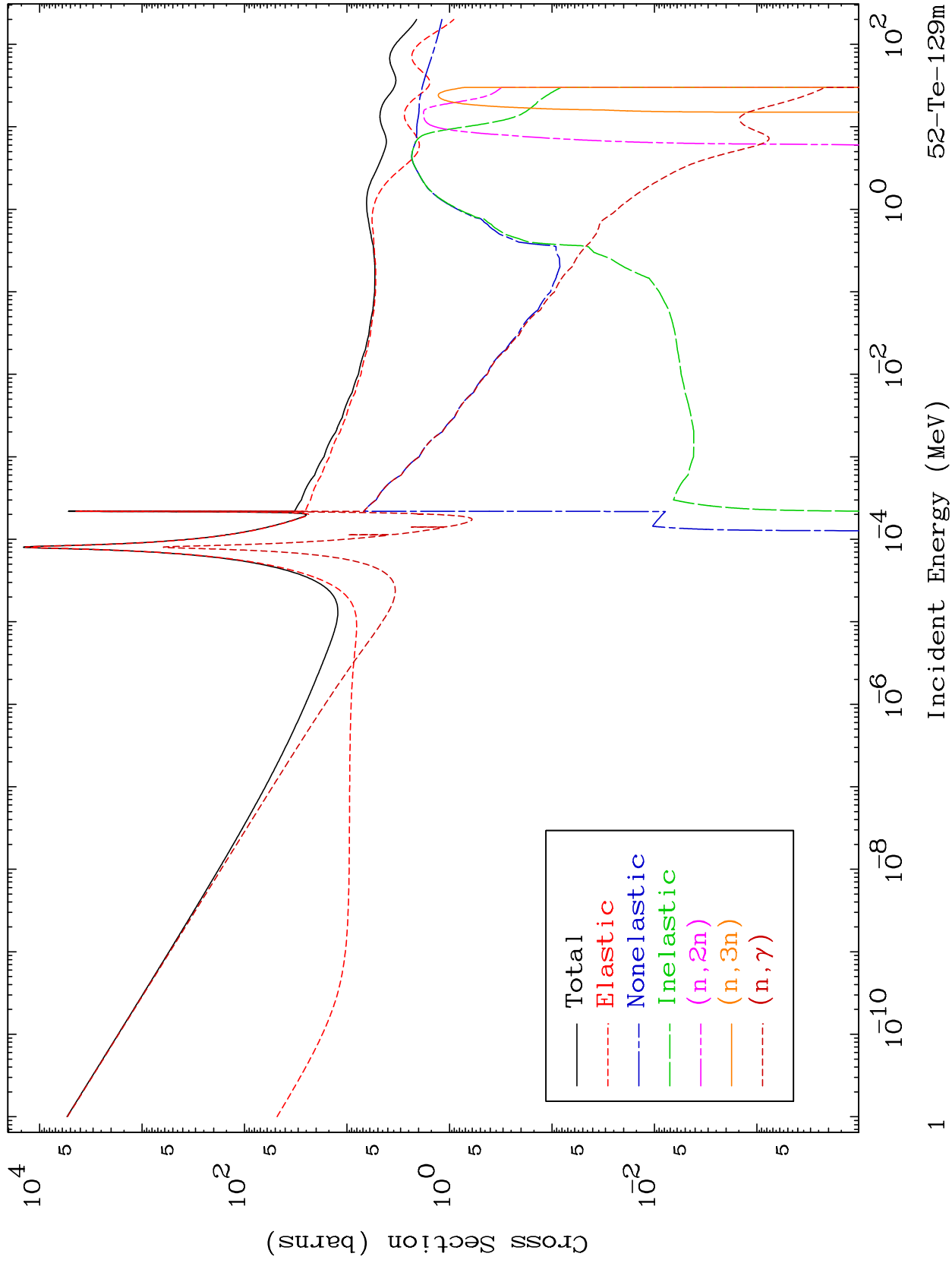
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5253

Neutron Major  
293 Kelvin Cross Sections

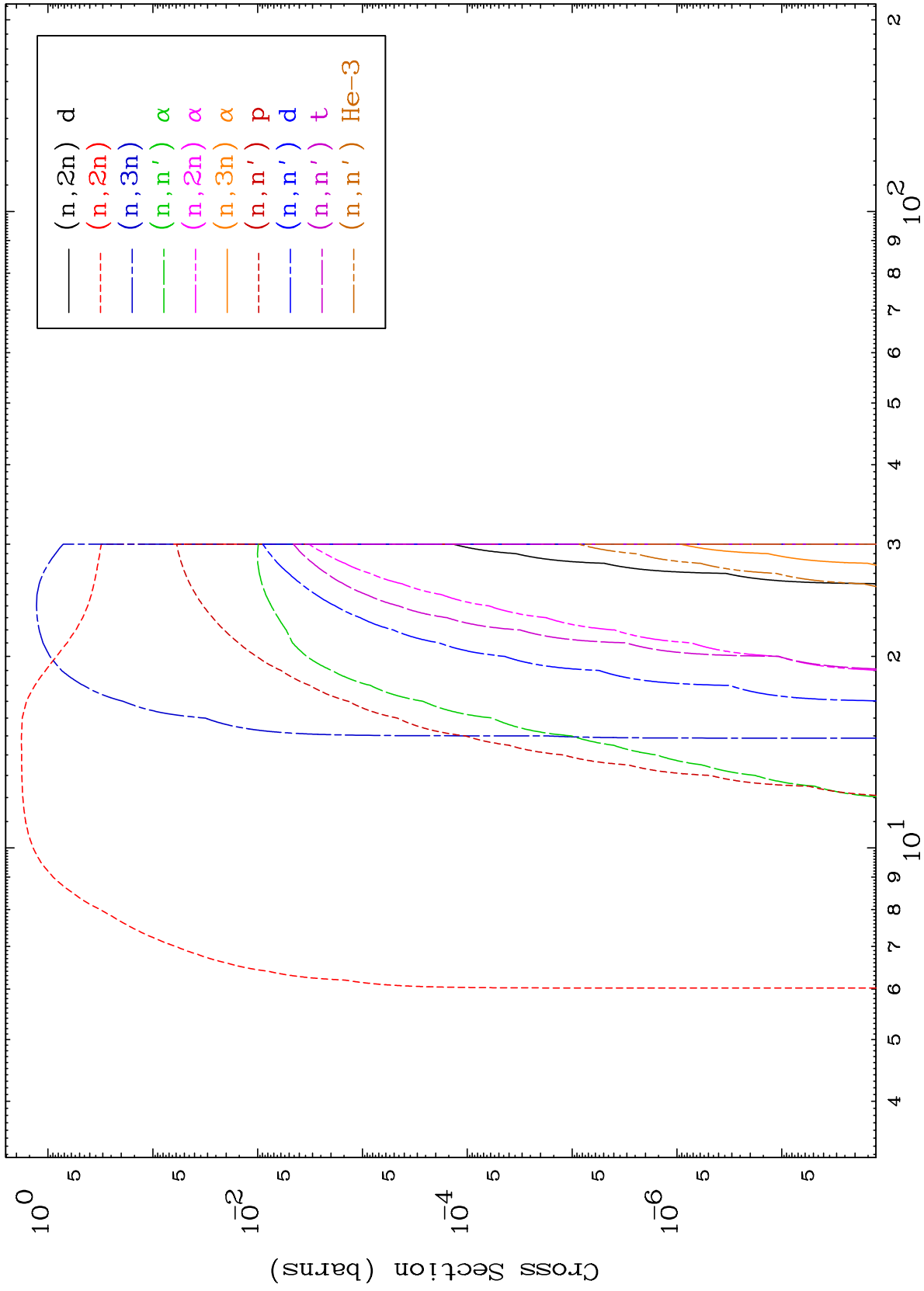
52-Te-129m



MAT 5253

Neutron Absorption  
293 Kelvin Cross Sections

52-Te-129m



2

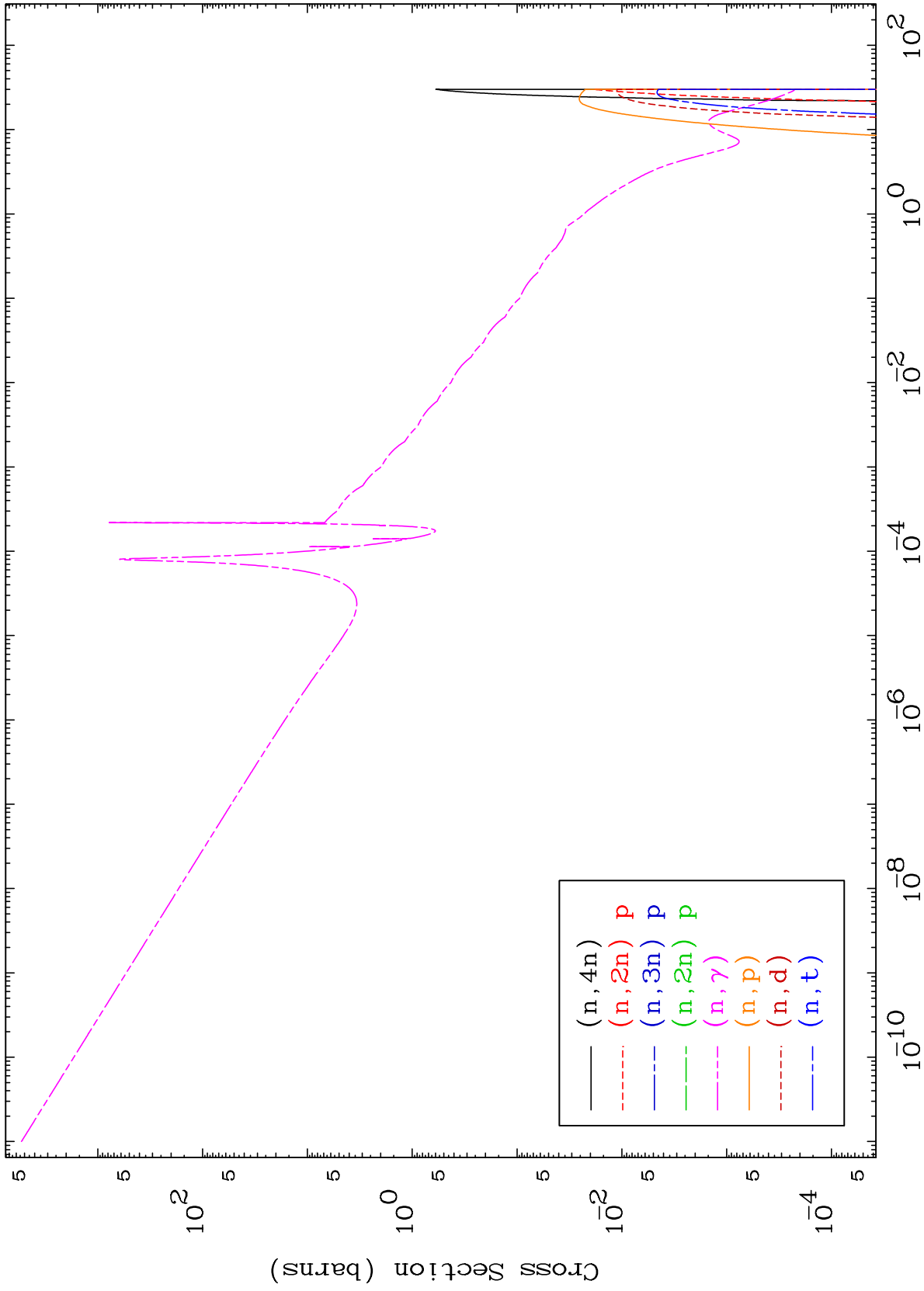
Incident Energy (MeV)

52-Te-129m

MAT 5253

Neutron Absorption  
293 Kelvin Cross Sections

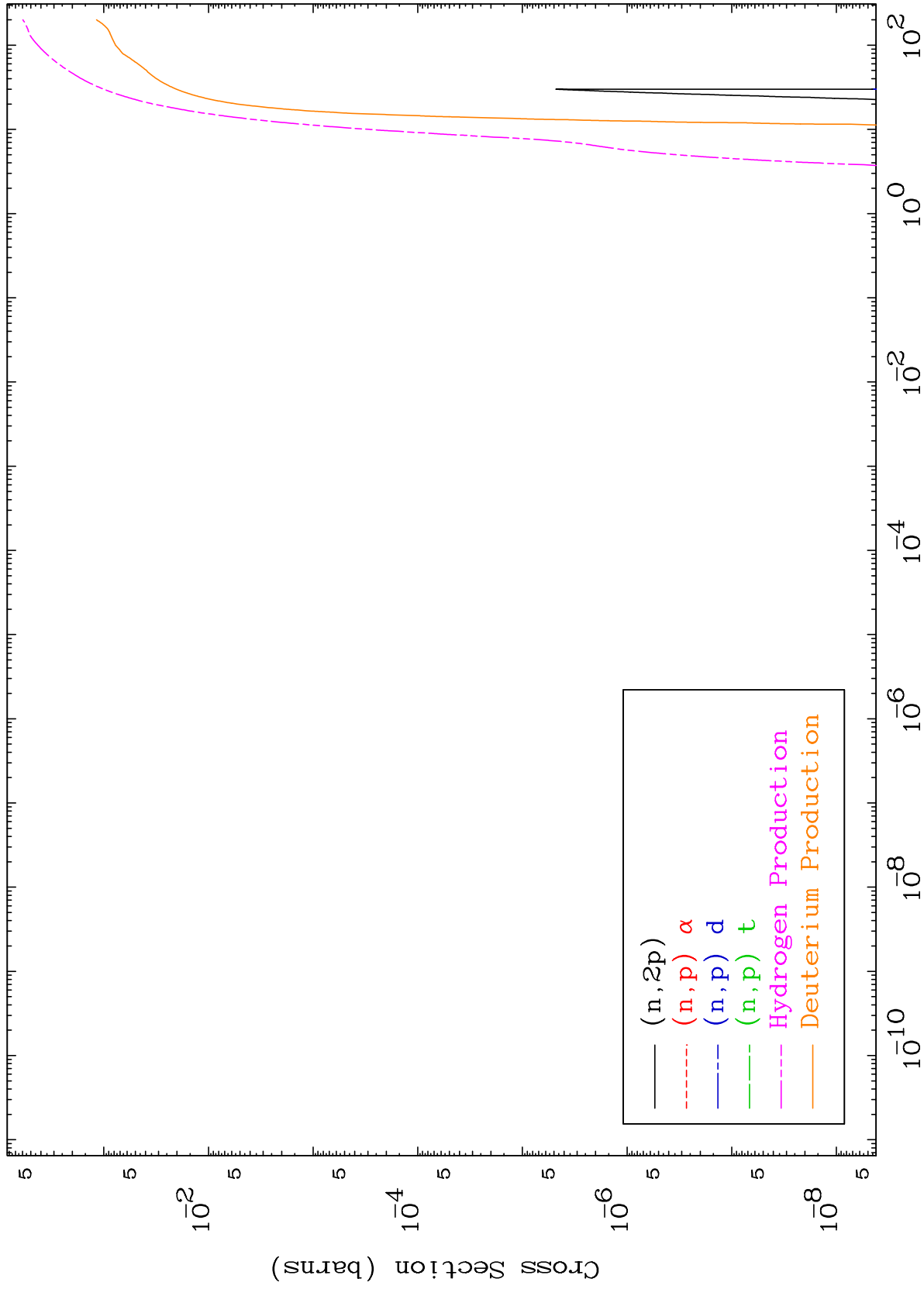
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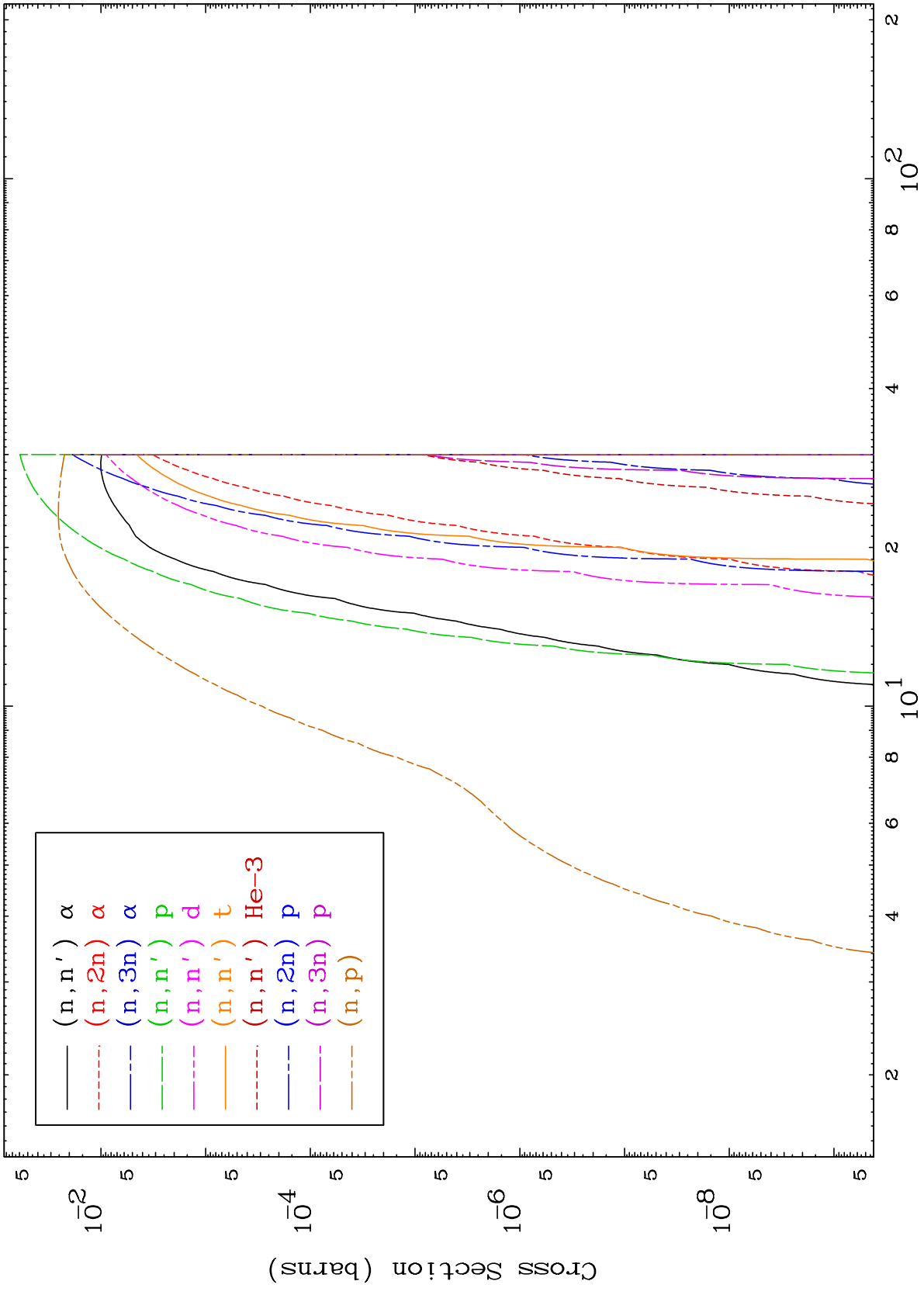


MAT 5253

Neutron Absorption  
293 Kelvin Cross Sections

52-Te-129m

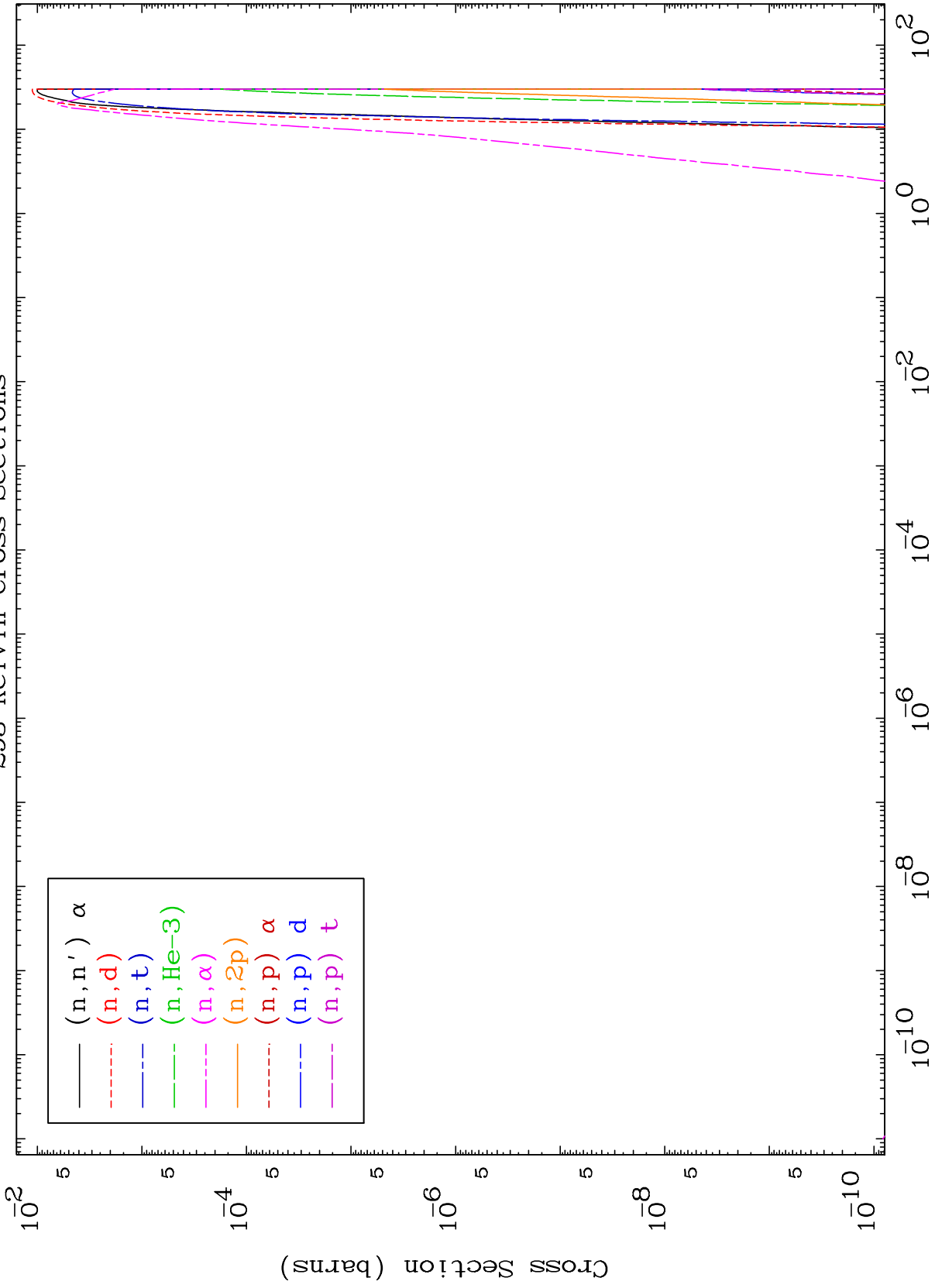




MAT 5253

Charged Particle  
293 Kelvin Cross Sections

52-Te-129m



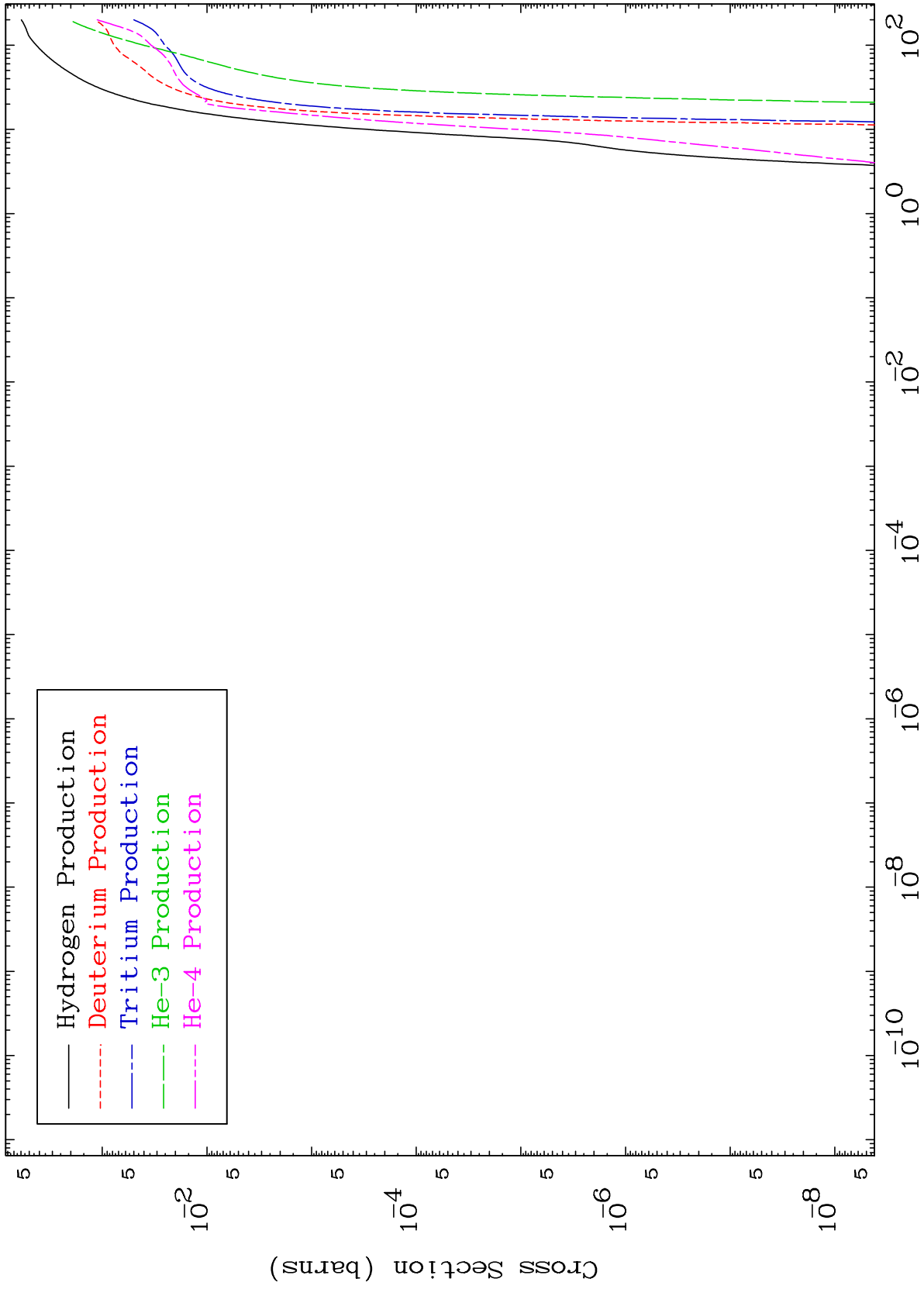
6

52-Te-129m

MAT 5253

Particle Production  
293 Kelvin Cross Sections

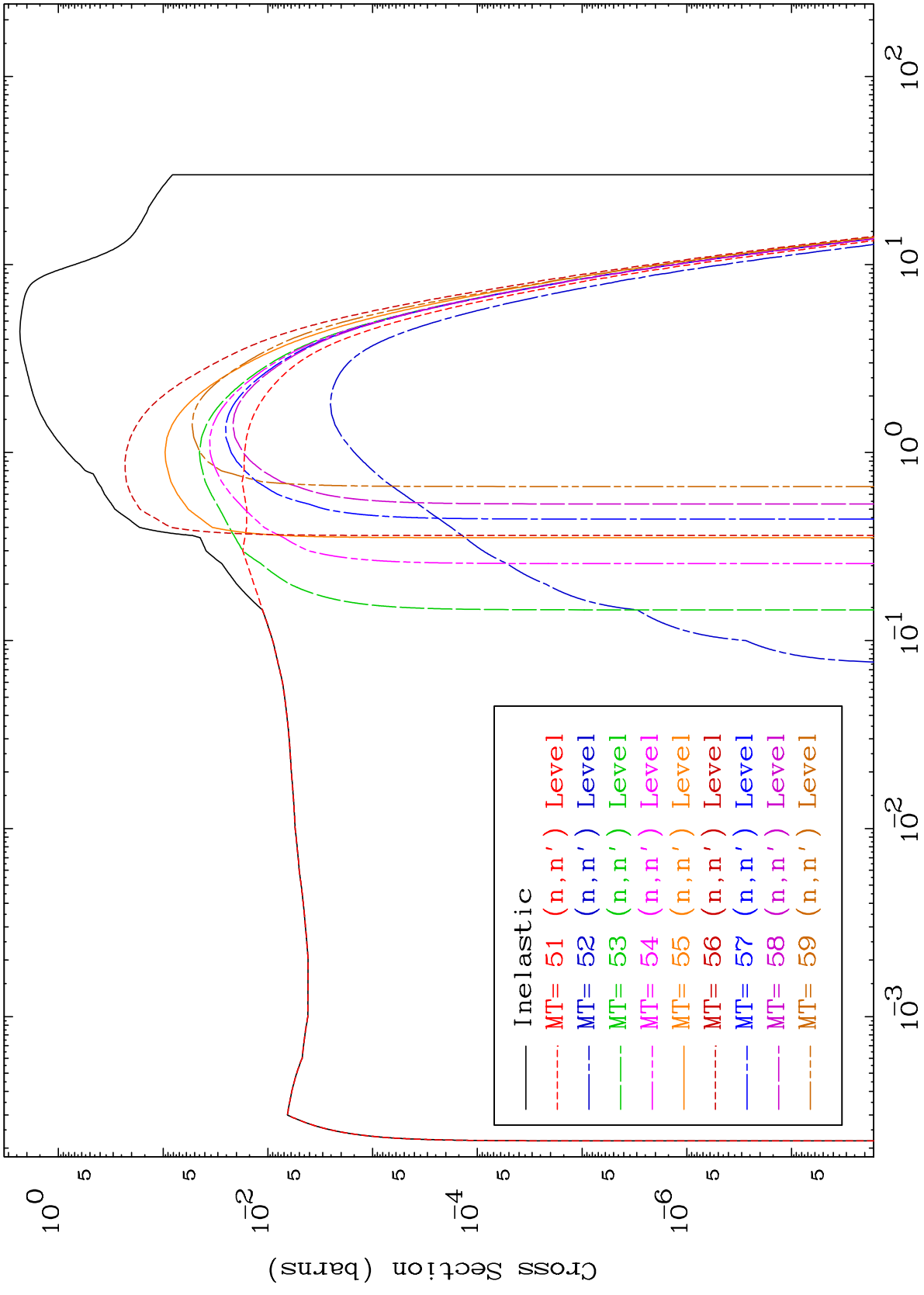
52-Te-129m



MAT 5253

(n,n') Levels  
293 Kelvin Cross Sections

52-Te-129m



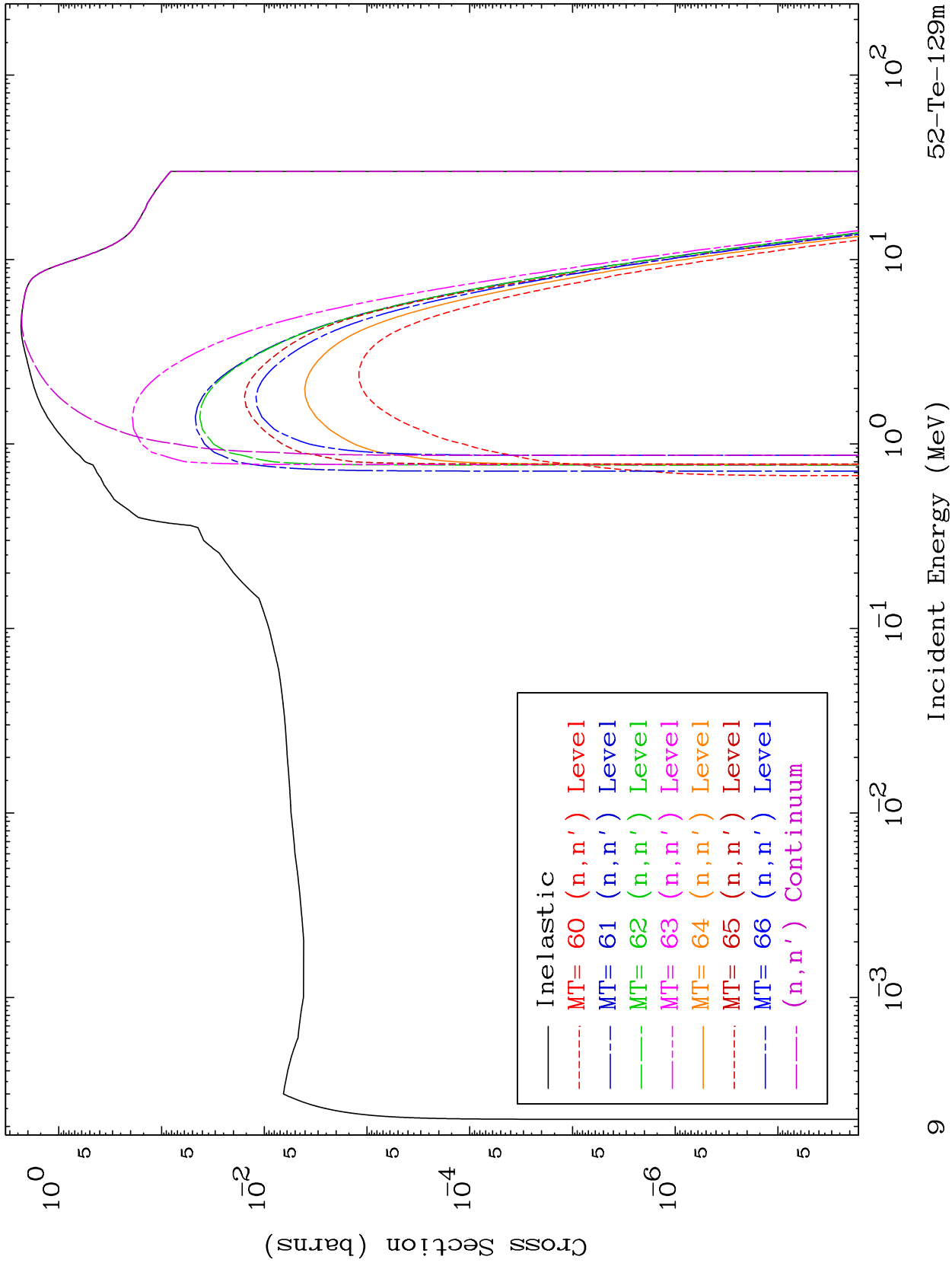
52-Te-129m

Incident Energy (MeV)

MAT 5253

(n,n') Levels  
293 Kelvin Cross Sections

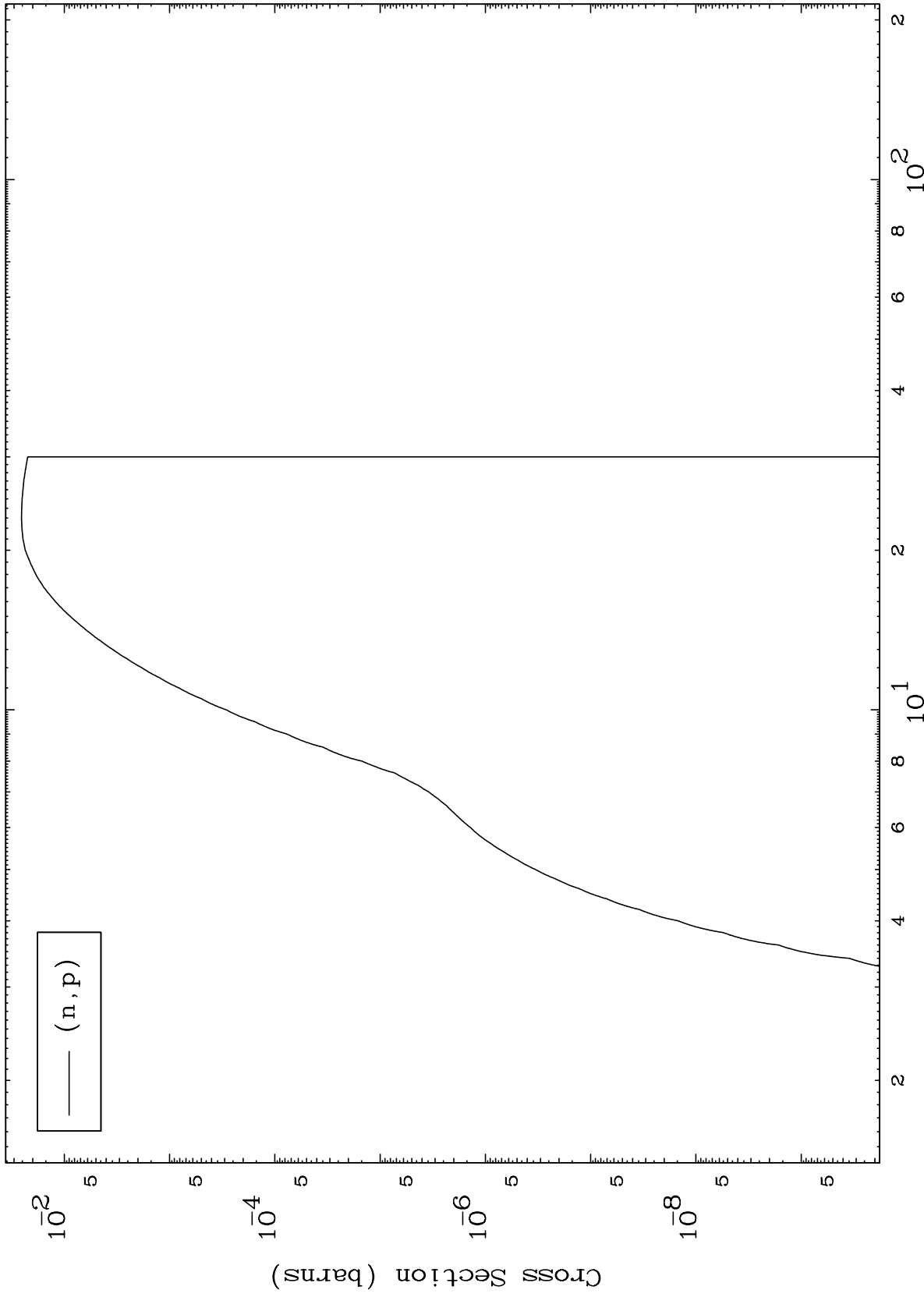
52-Te-129m



MAT 5253

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-129m



10

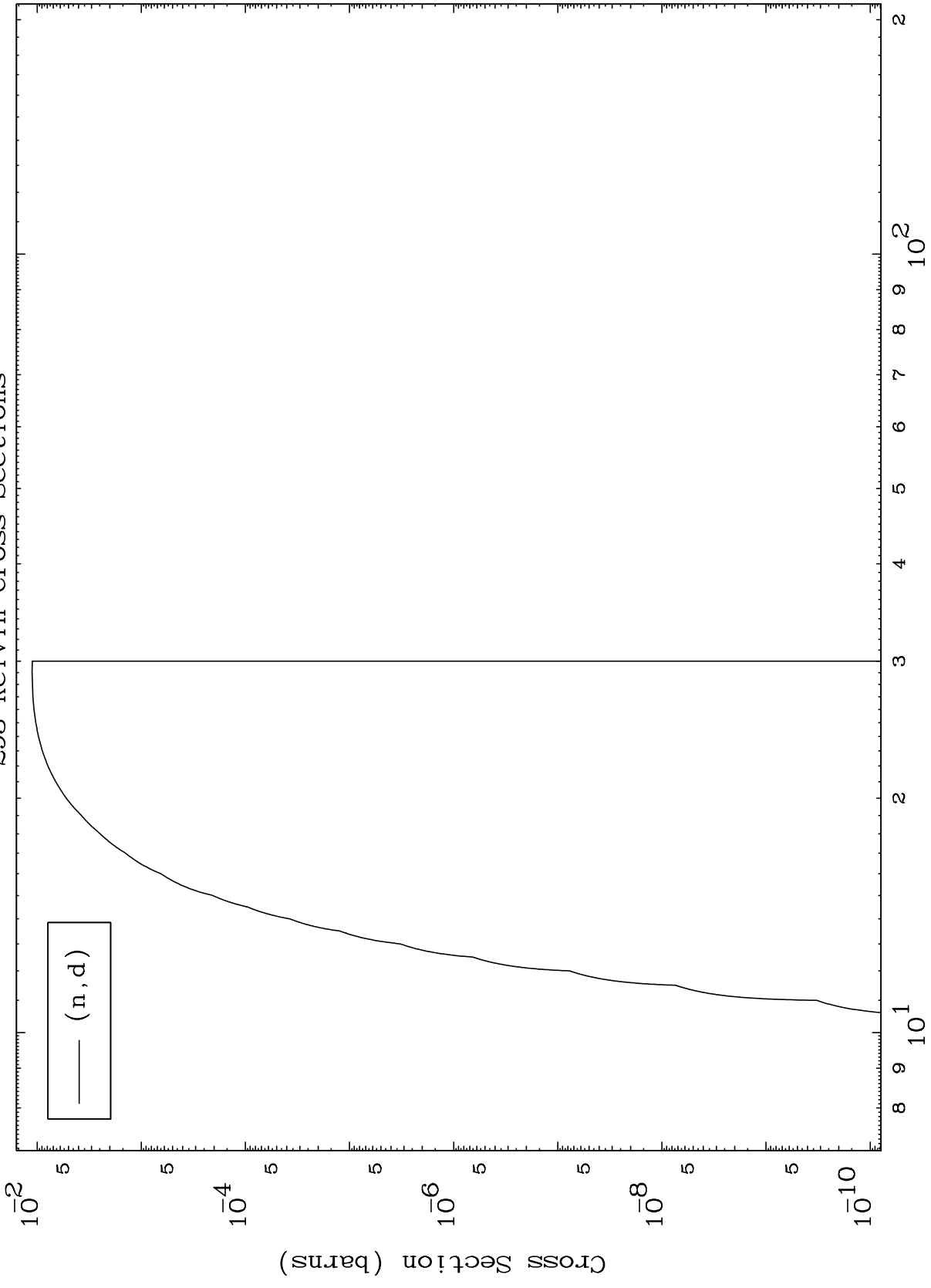
Incident Energy (MeV)

52-Te-129m

MAT 5253

(n,d) Levels  
293 Kelvin Cross Sections

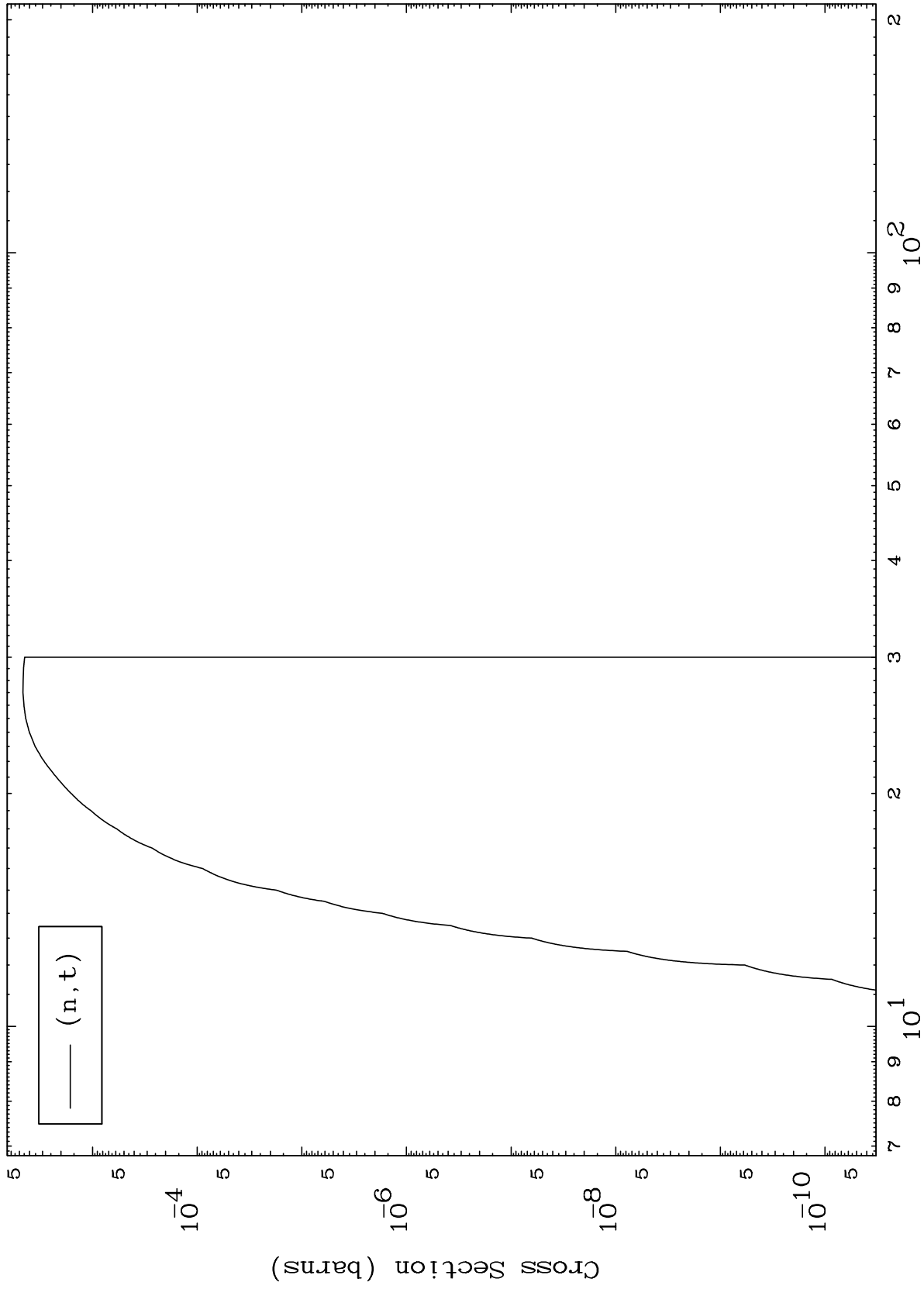
52-Te-129m



MAT 5253

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-129m



12

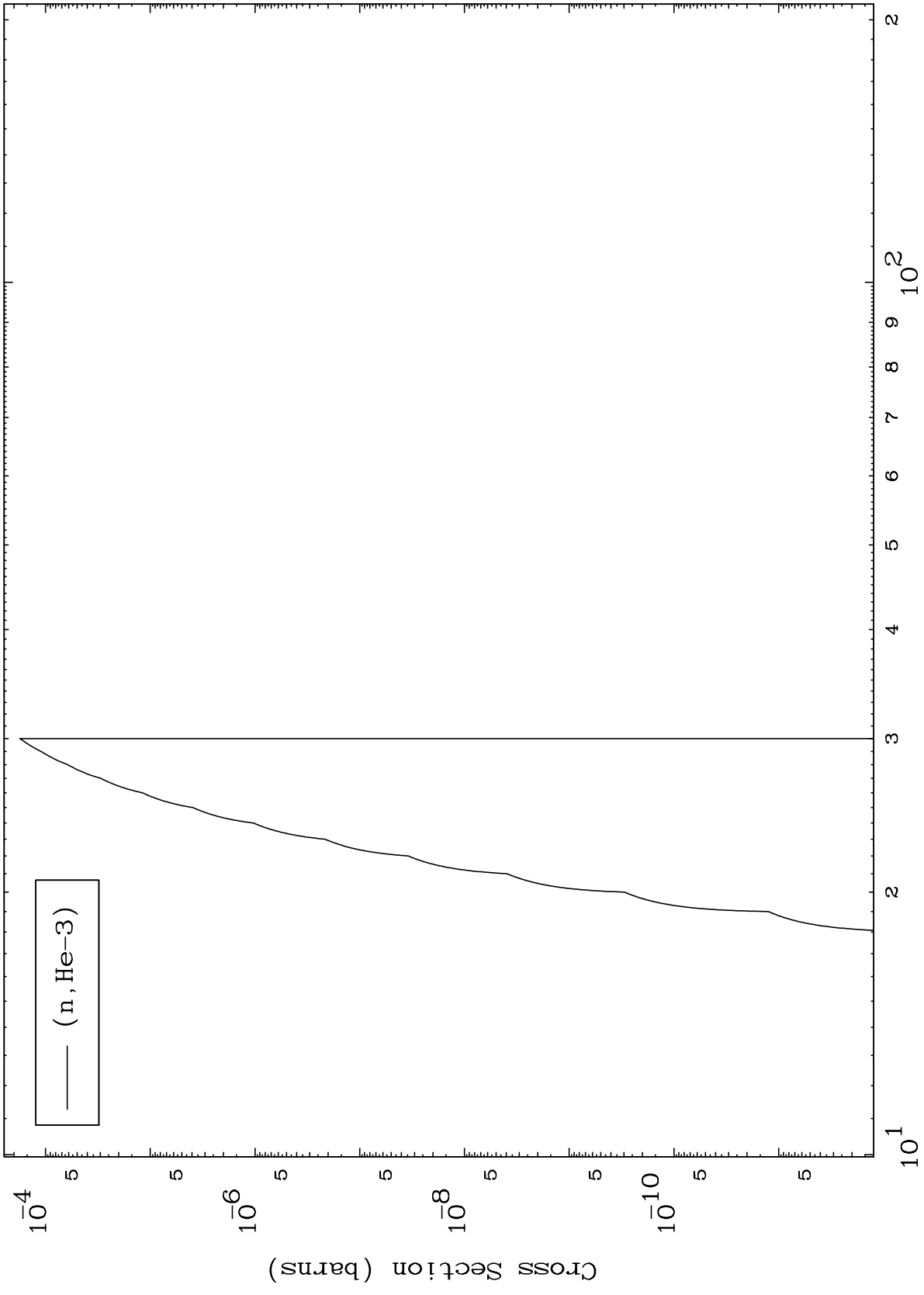
Incident Energy (MeV)

52-Te-129m

MAT 5253

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-129m



13

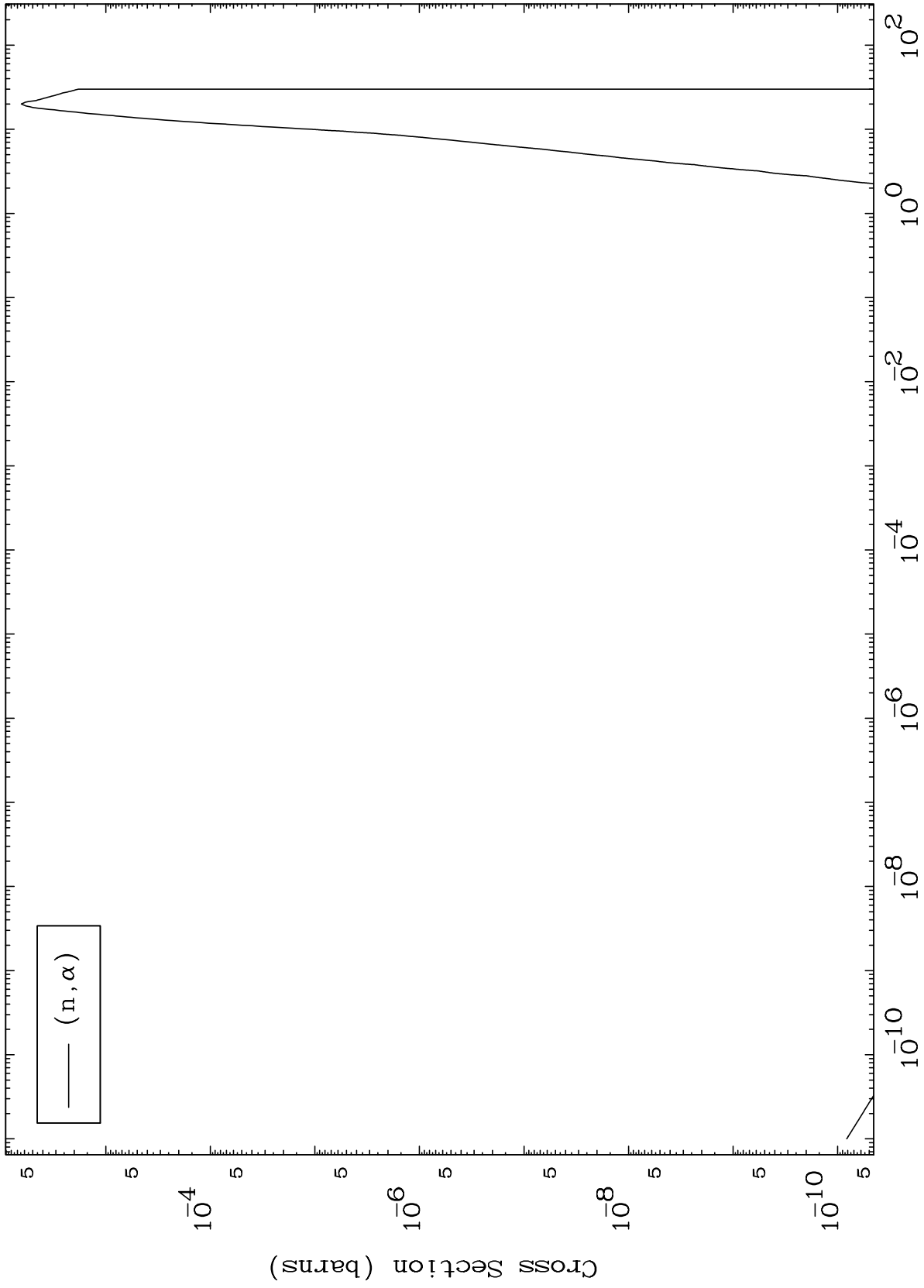
Incident Energy (MeV)

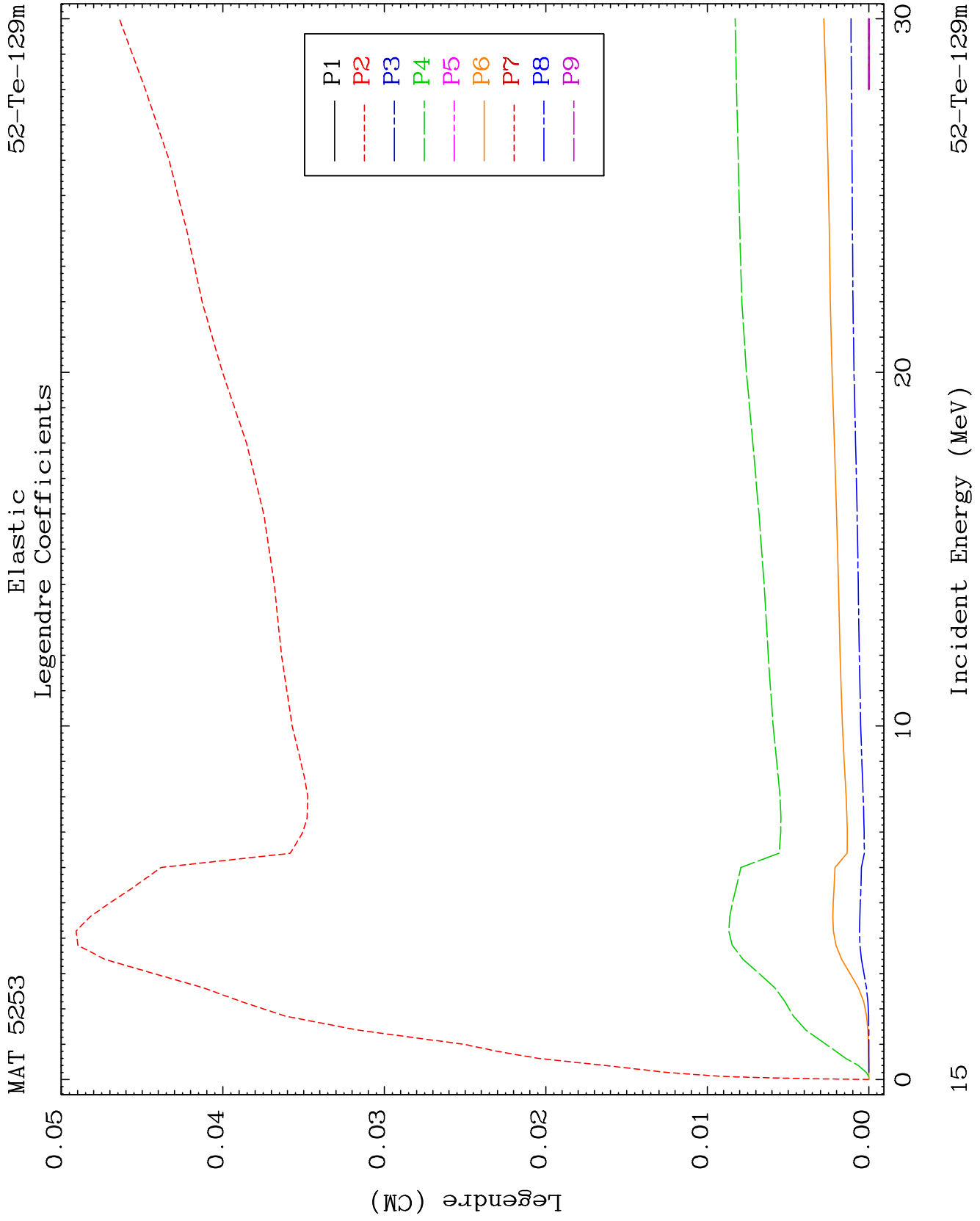
52-Te-129m

MAT 5253

(n,α) Levels  
293 Kelvin Cross Sections

52-Te-129m

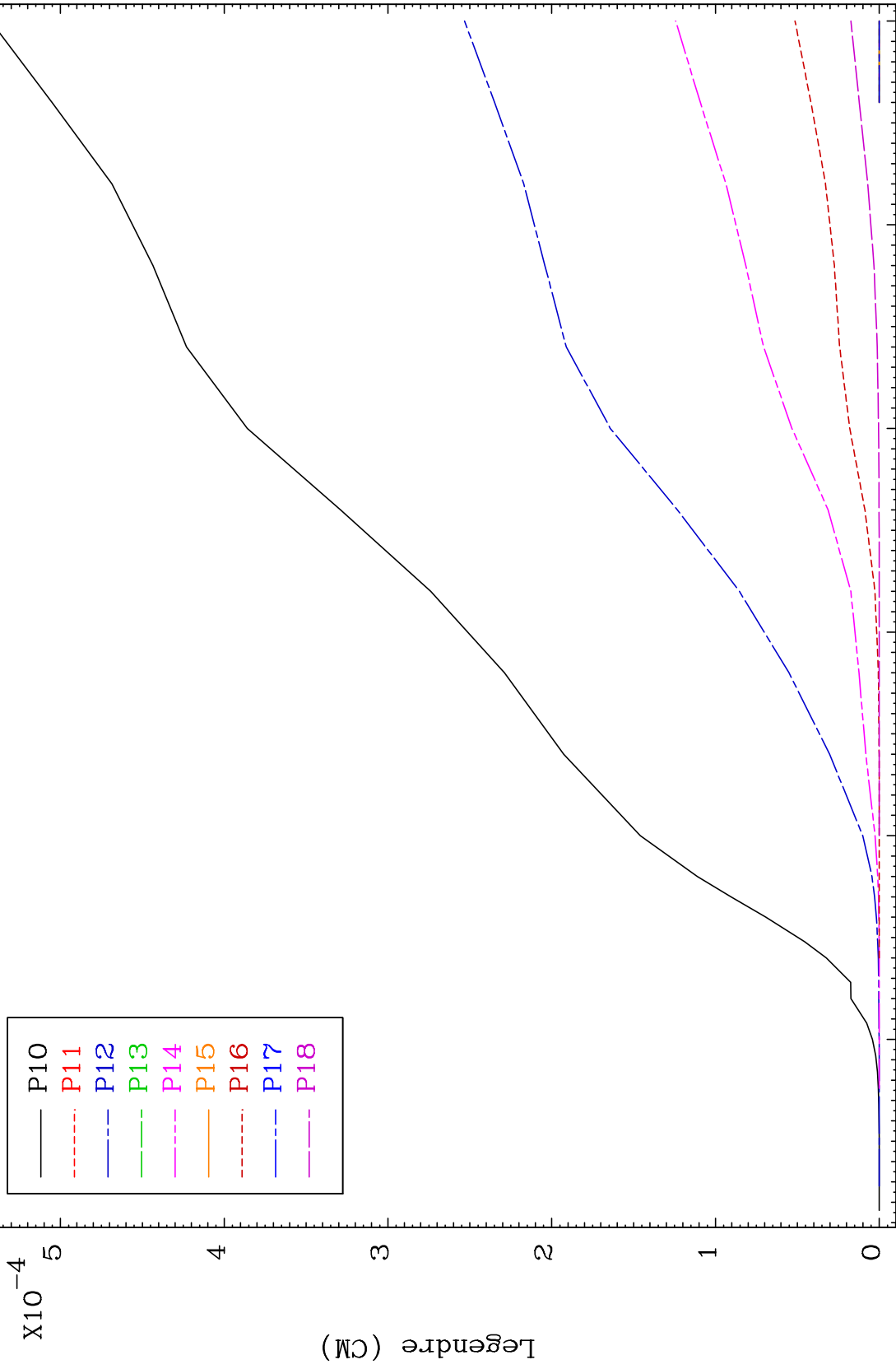
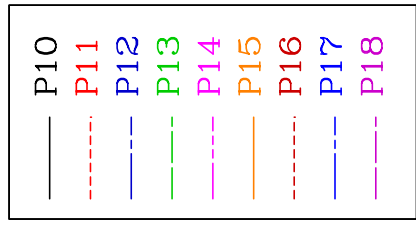




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Elastic Legendre Coefficients

52-Te-129m



16

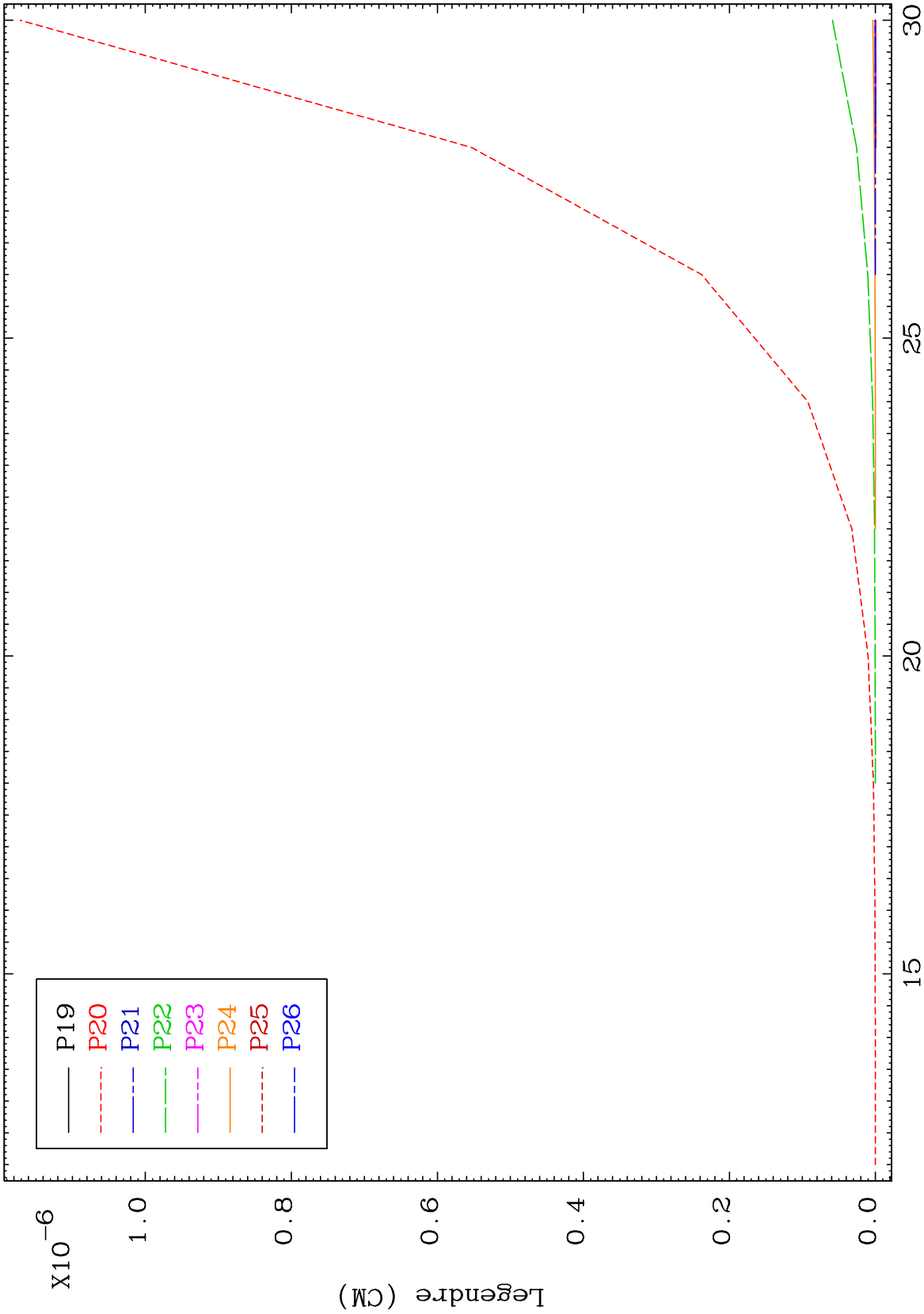
Incident Energy (MeV)

52-Te-129m

MAT 5253

Elastic Legendre Coefficients

52-Te-129m



17

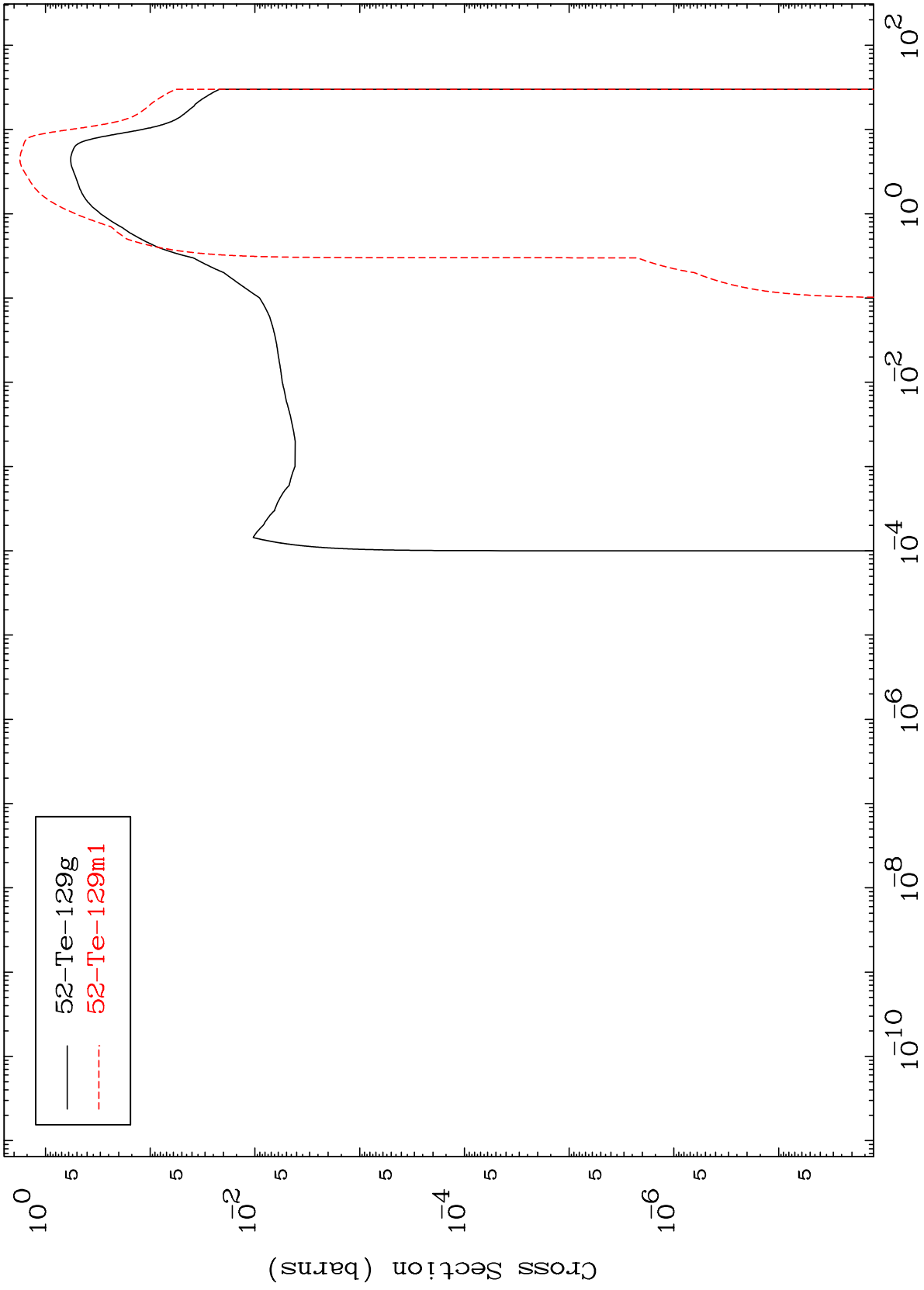
Incident Energy (MeV)

52-Te-129m

MAT 5253

Inelastic  
Radionuclide Production Cross Section

52-Te-129m



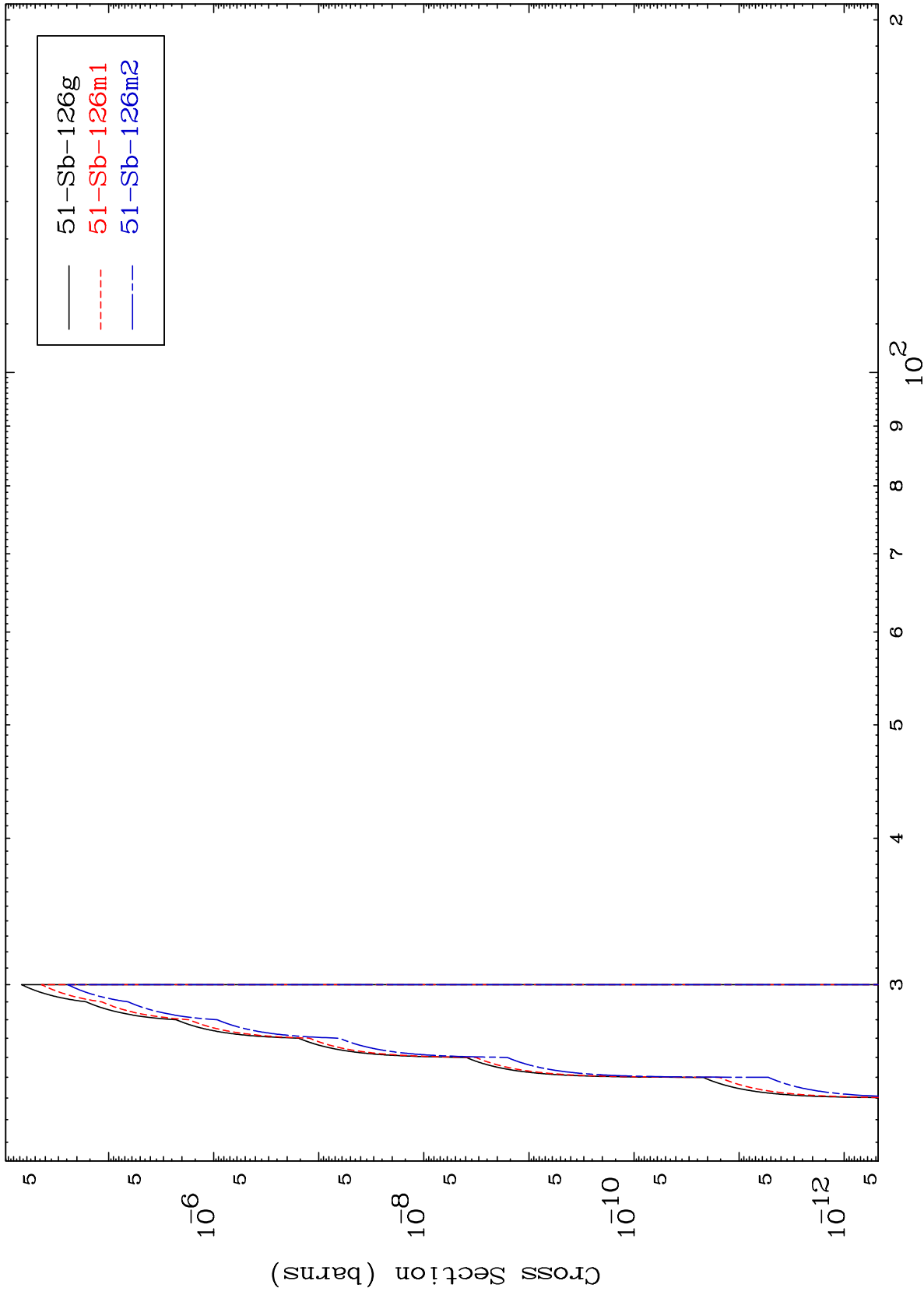
52-Te-129m

MAT 5253

(n,2n) d

52-Te-129m

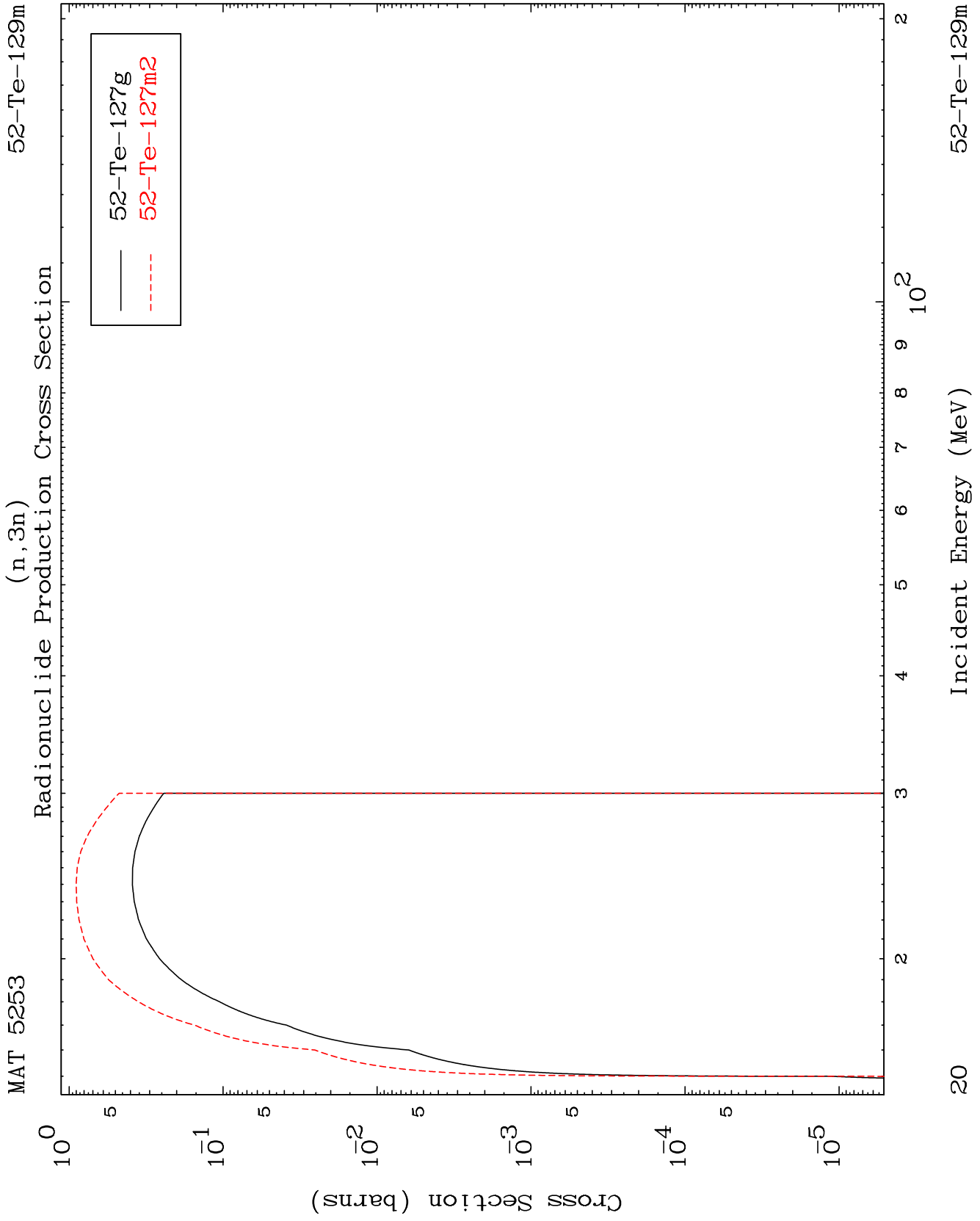
Radionuclide Production Cross Section



19

Incident Energy (MeV)

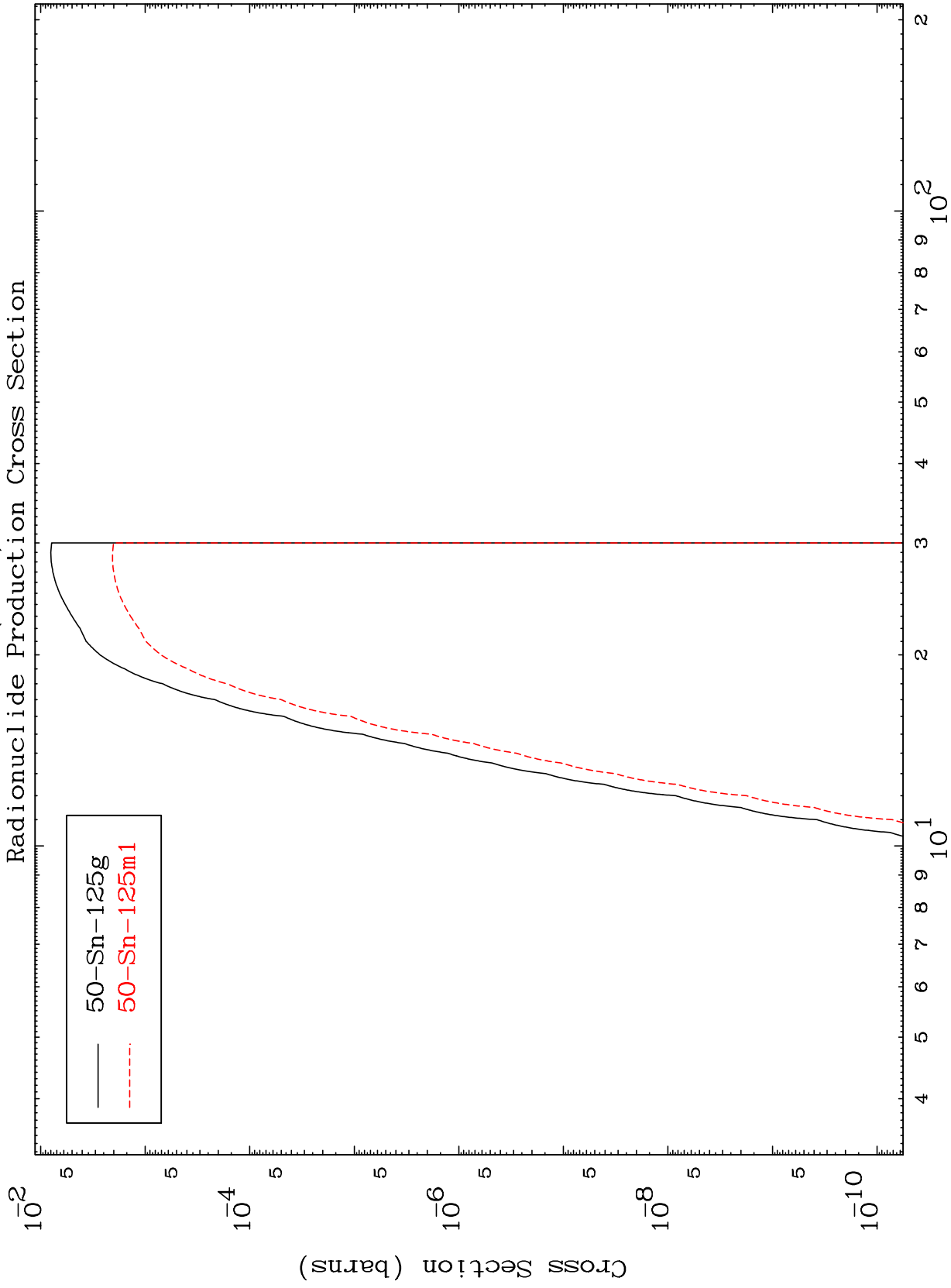
52-Te-129m



MAT 5253

52-Te-129m

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



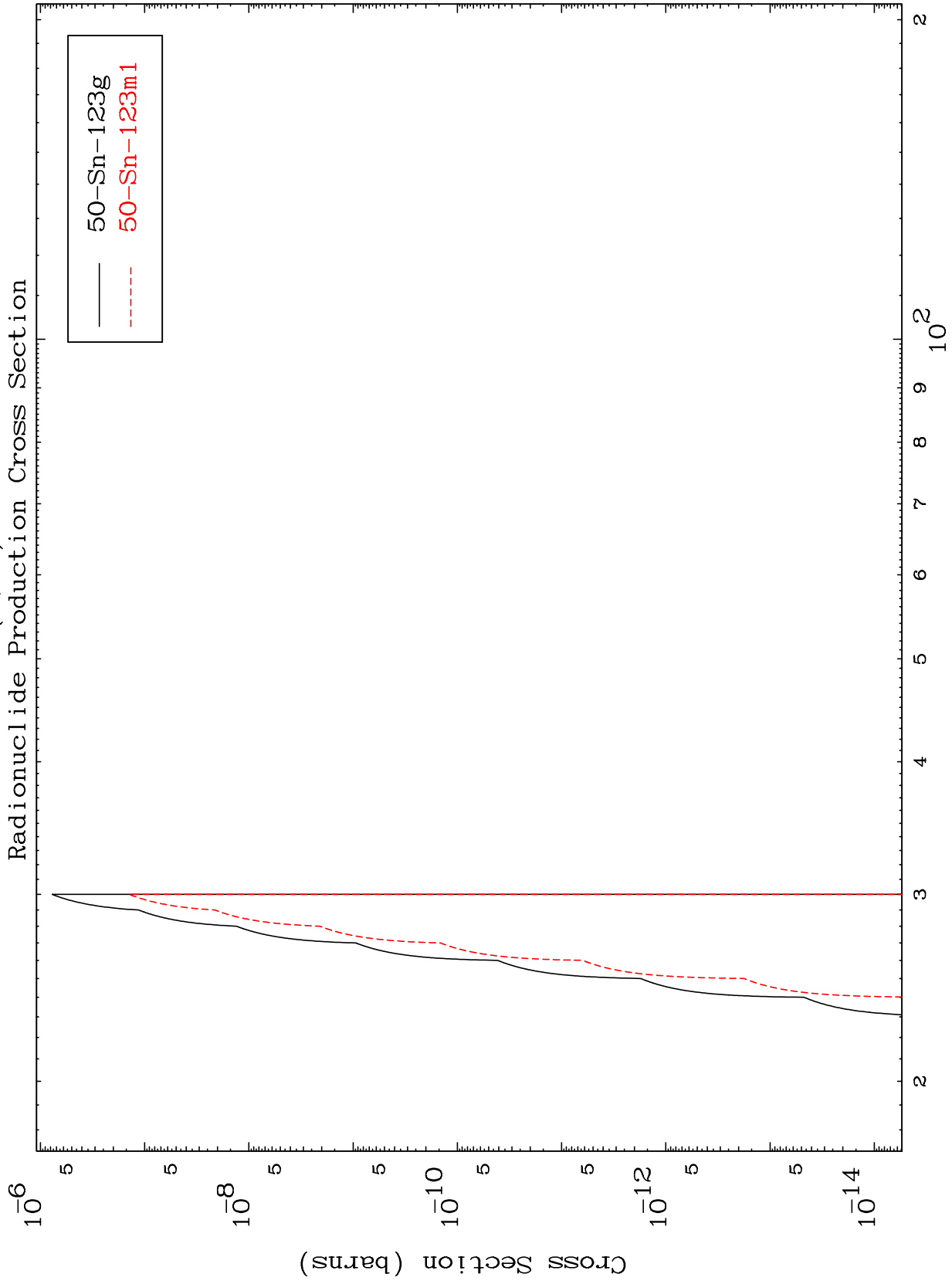
21

52-Te-129m

MAT 5253

(n,3n)  $\alpha$

<sup>52</sup>Te-129m



22

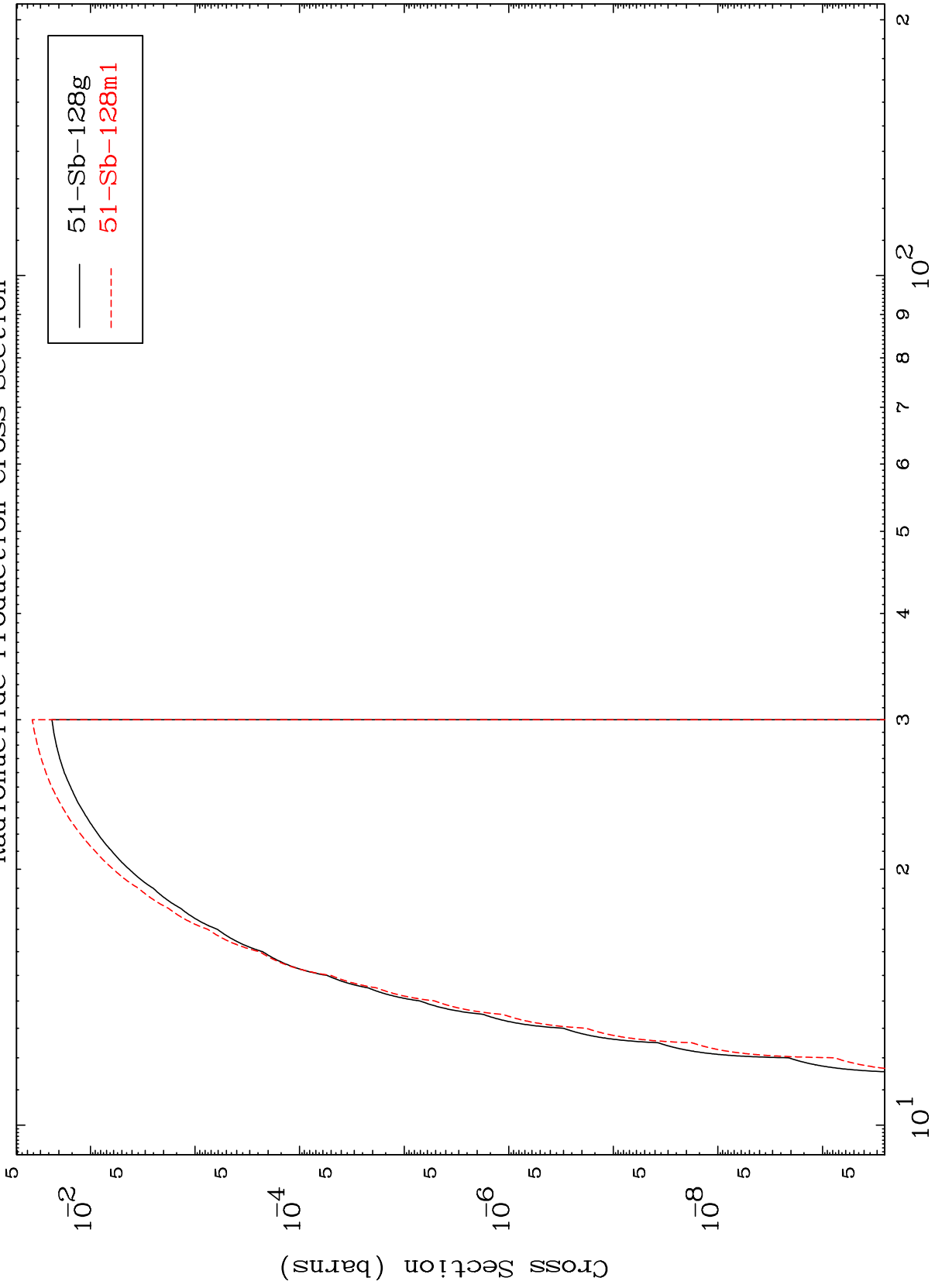
Incident Energy (MeV)

<sup>52</sup>Te-129m

MAT 5253

52-Te-129m

(n,n') p  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

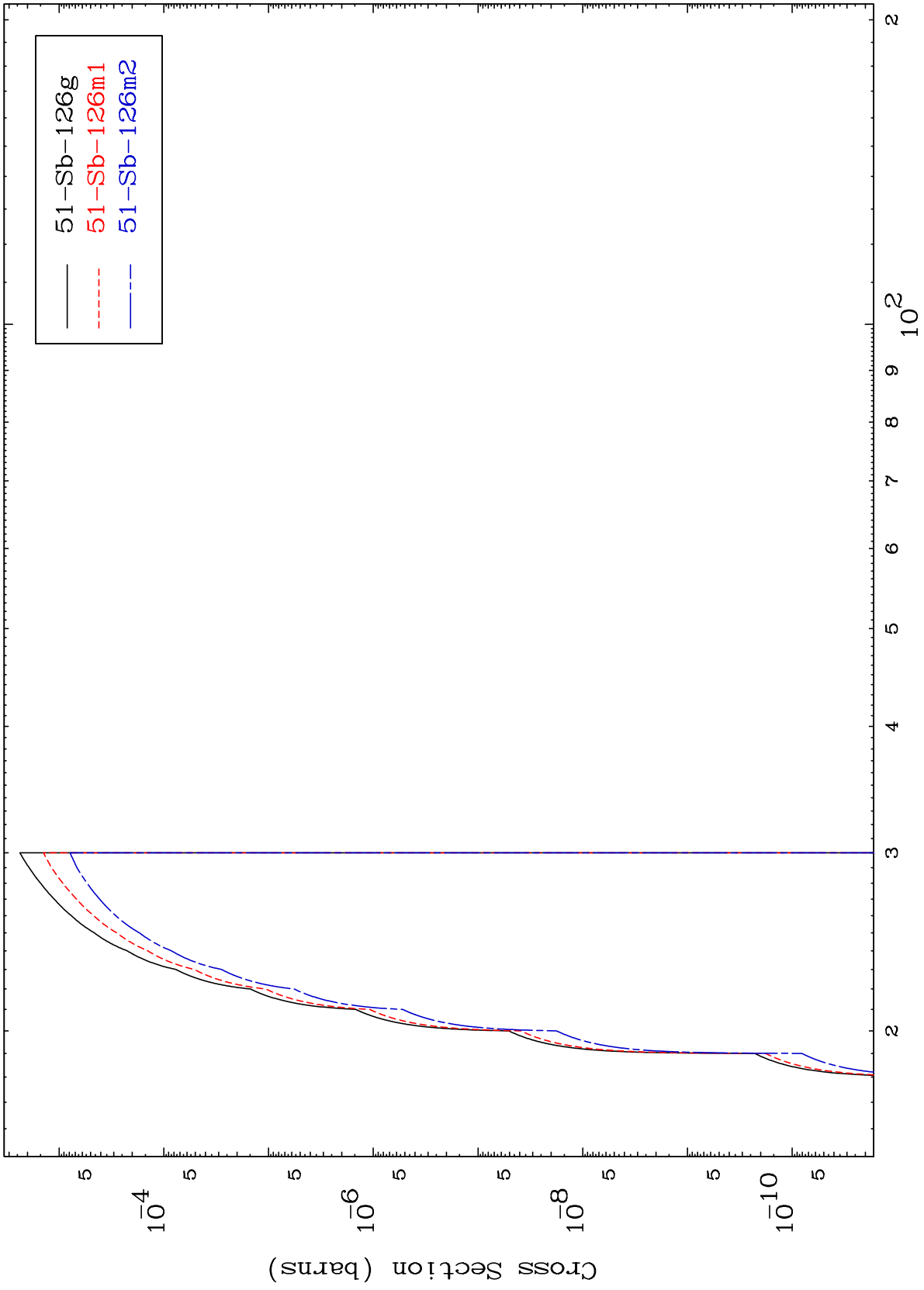
52-Te-129m

MAT 5253

(n,n') t

52-Te-129m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

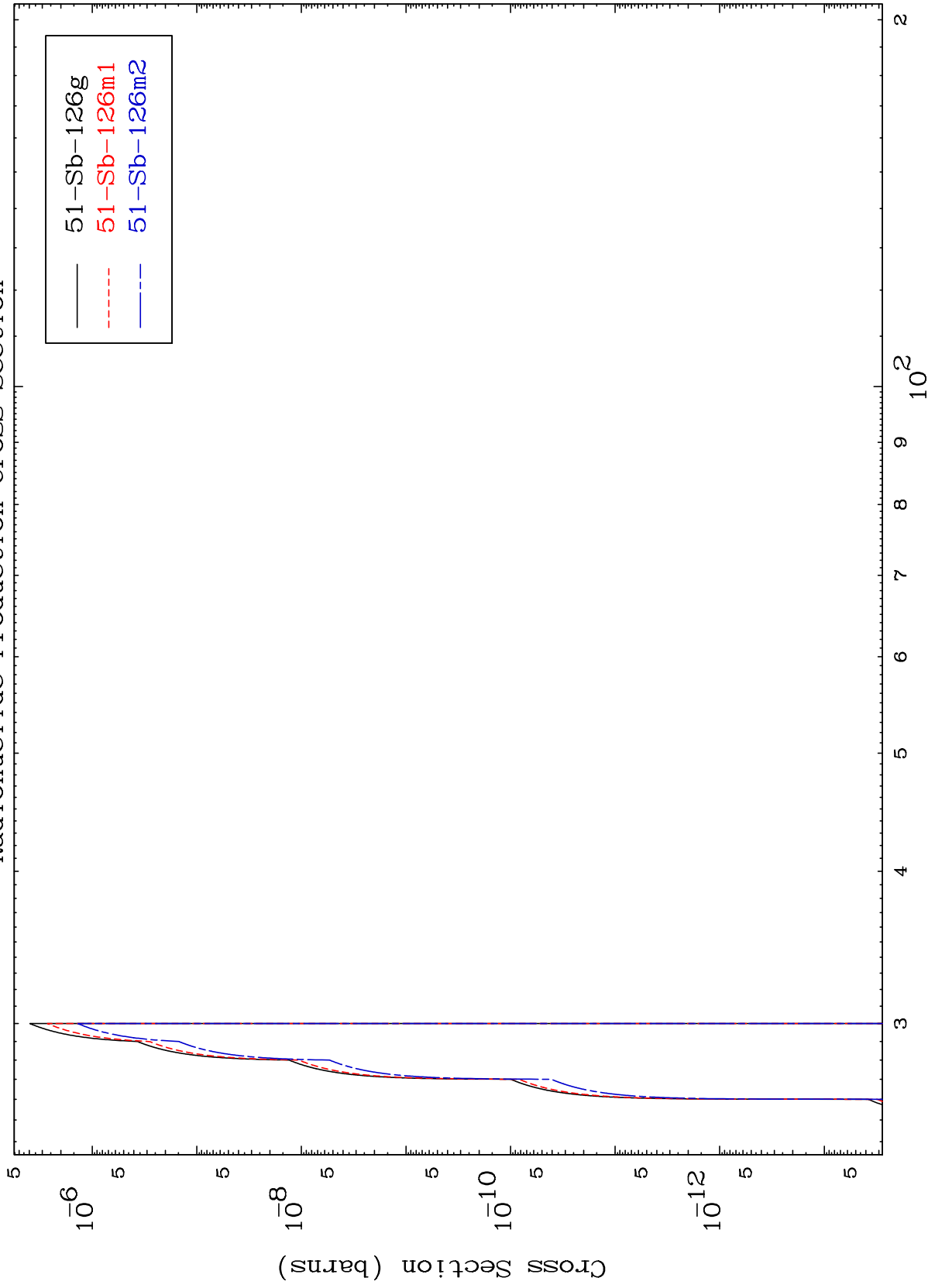
52-Te-129m

MAT 5253

(n,3n) p

52-Te-129m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

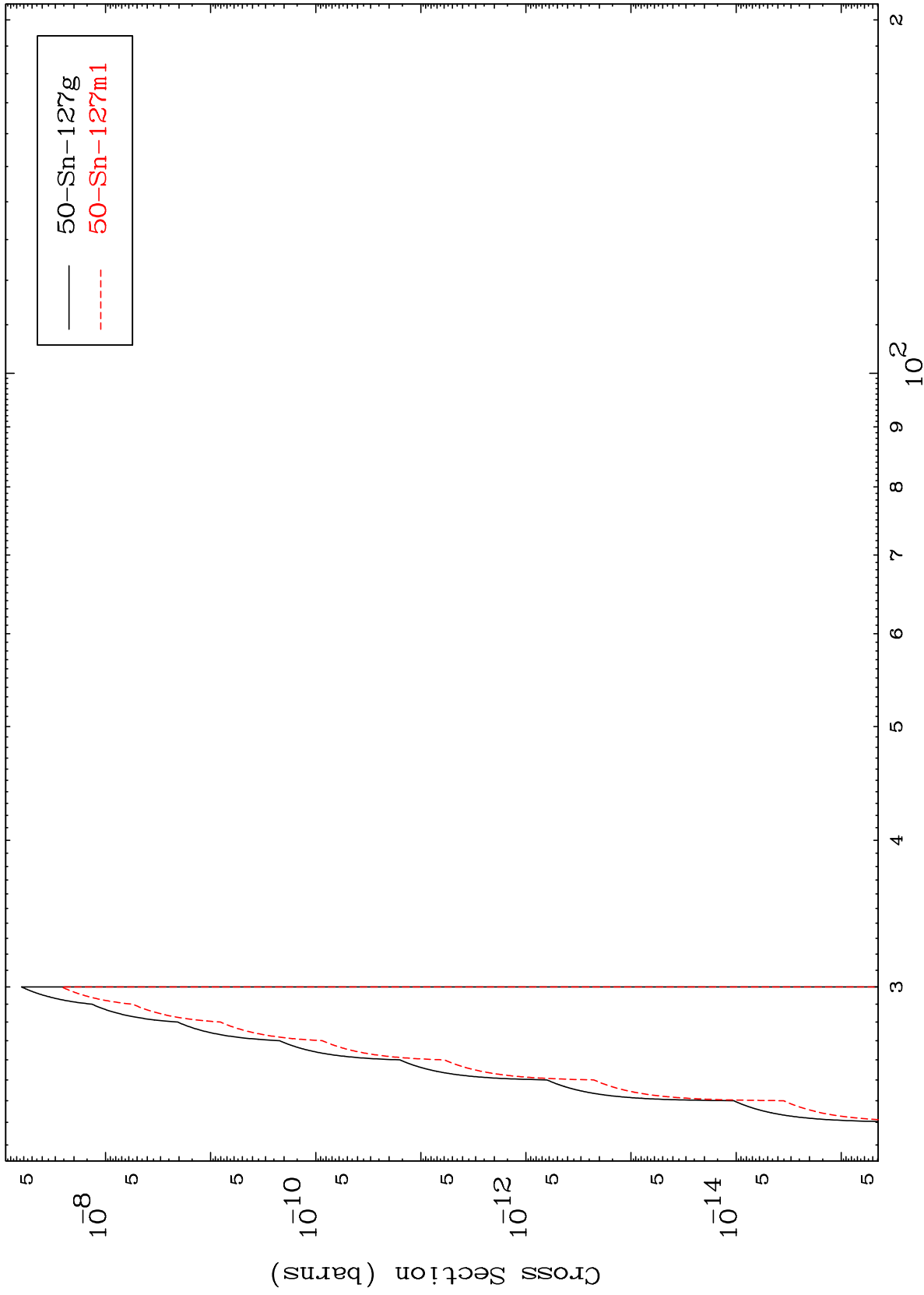
52-Te-129m

MAT 5253

(n,2n) p

52-Te-129m

Radionuclide Production Cross Section



26

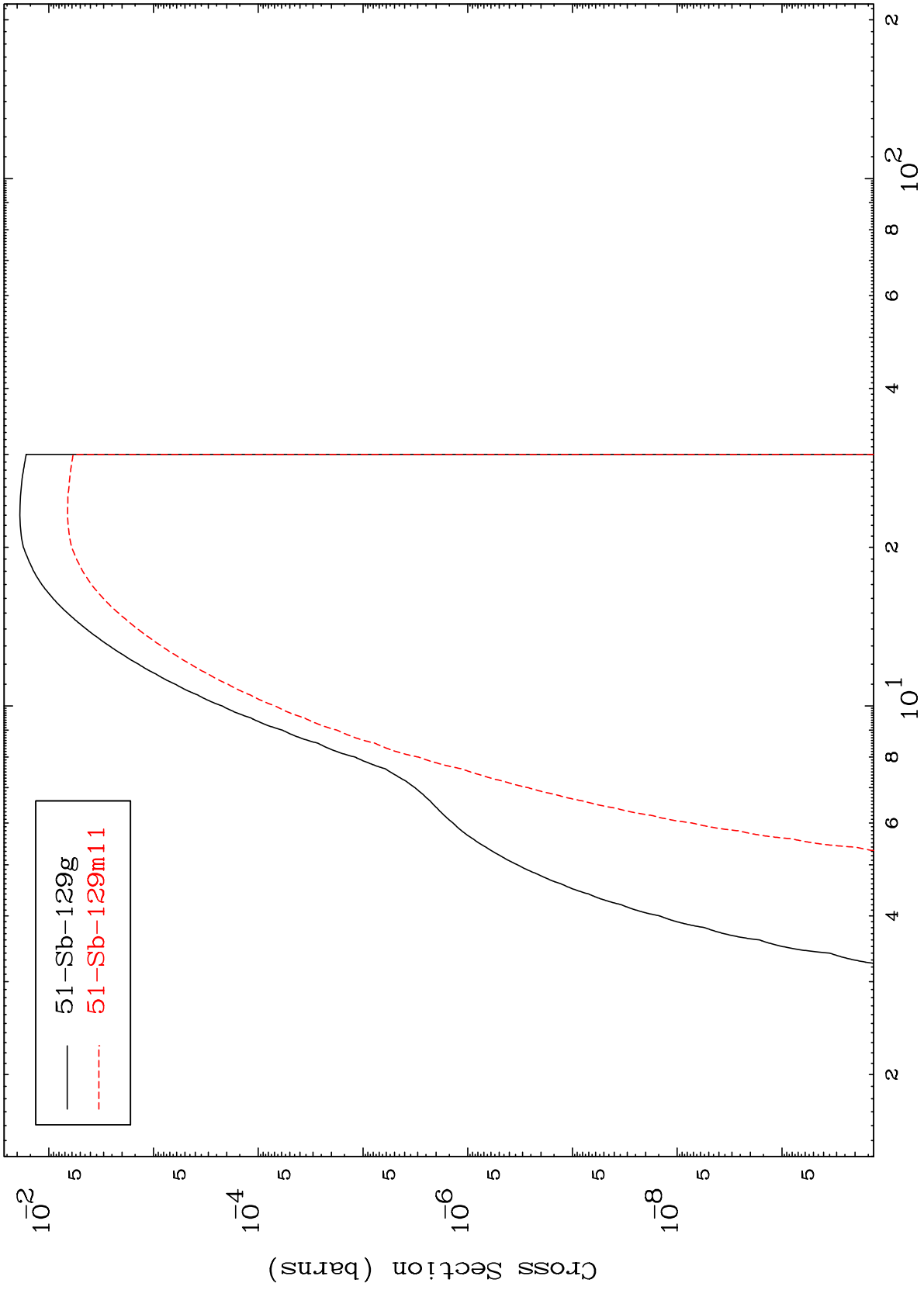
Incident Energy (MeV)

52-Te-129m

MAT 5253

(n,p)  
Radionuclide Production Cross Section

52-Te-129m



27

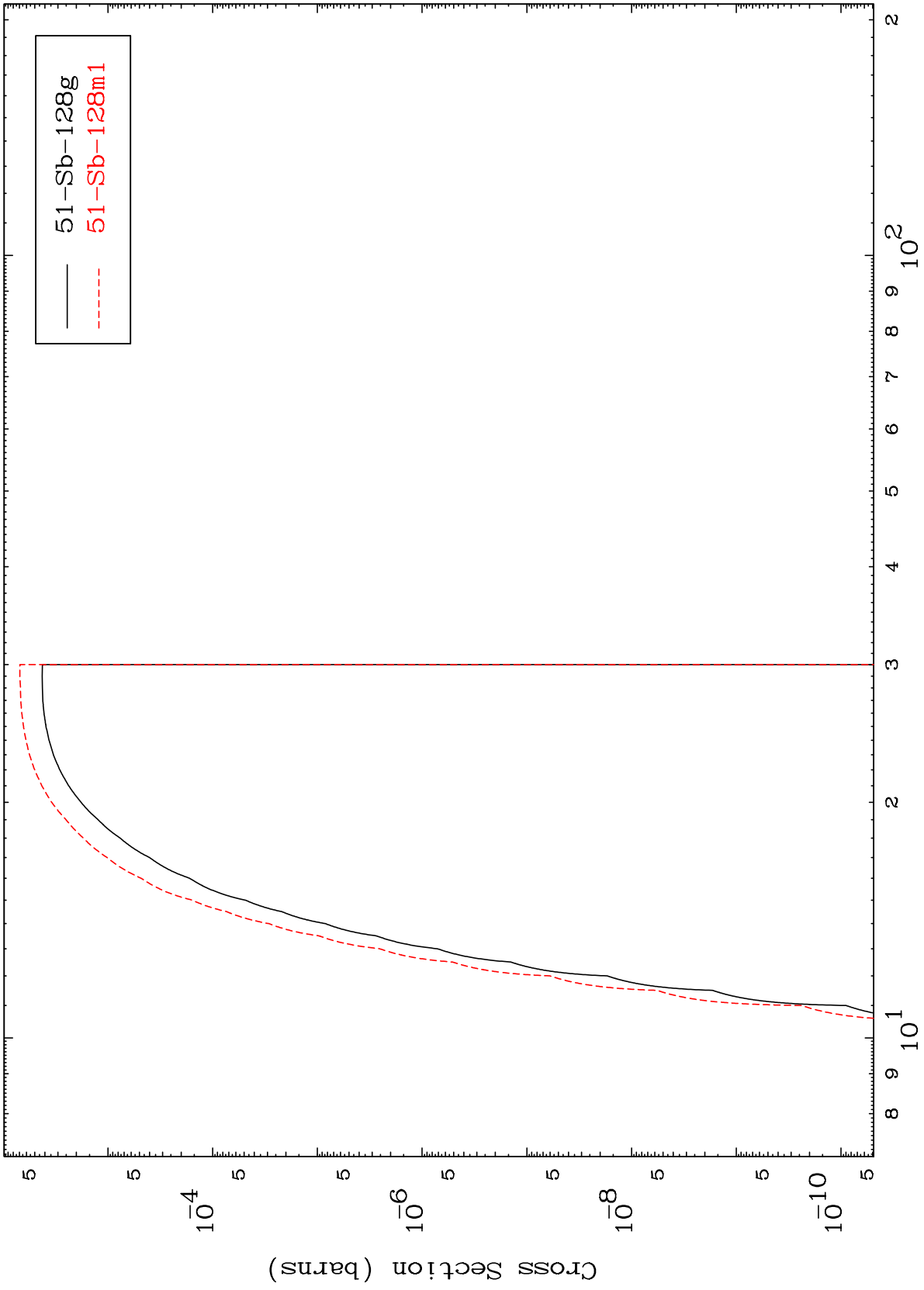
Incident Energy (MeV)

52-Te-129m

MAT 5253

52-Te-129m

(n,d)  
Radionuclide Production Cross Section



28

Incident Energy (MeV)

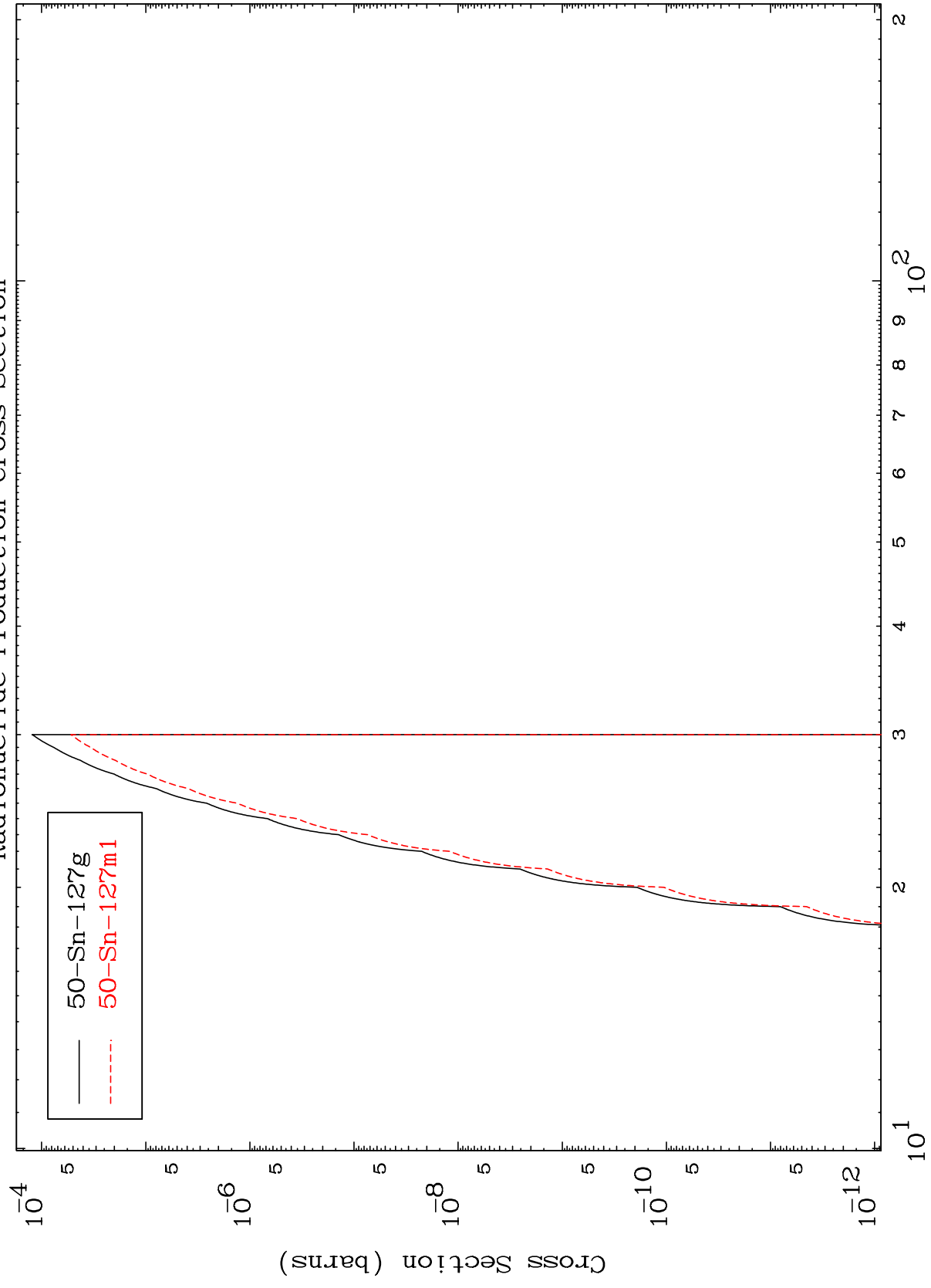
52-Te-129m

MAT 5253

(n,He-3)

52-Te-129m

Radionuclide Production Cross Section



50-Sn-127g  
50-Sn-127m1

29

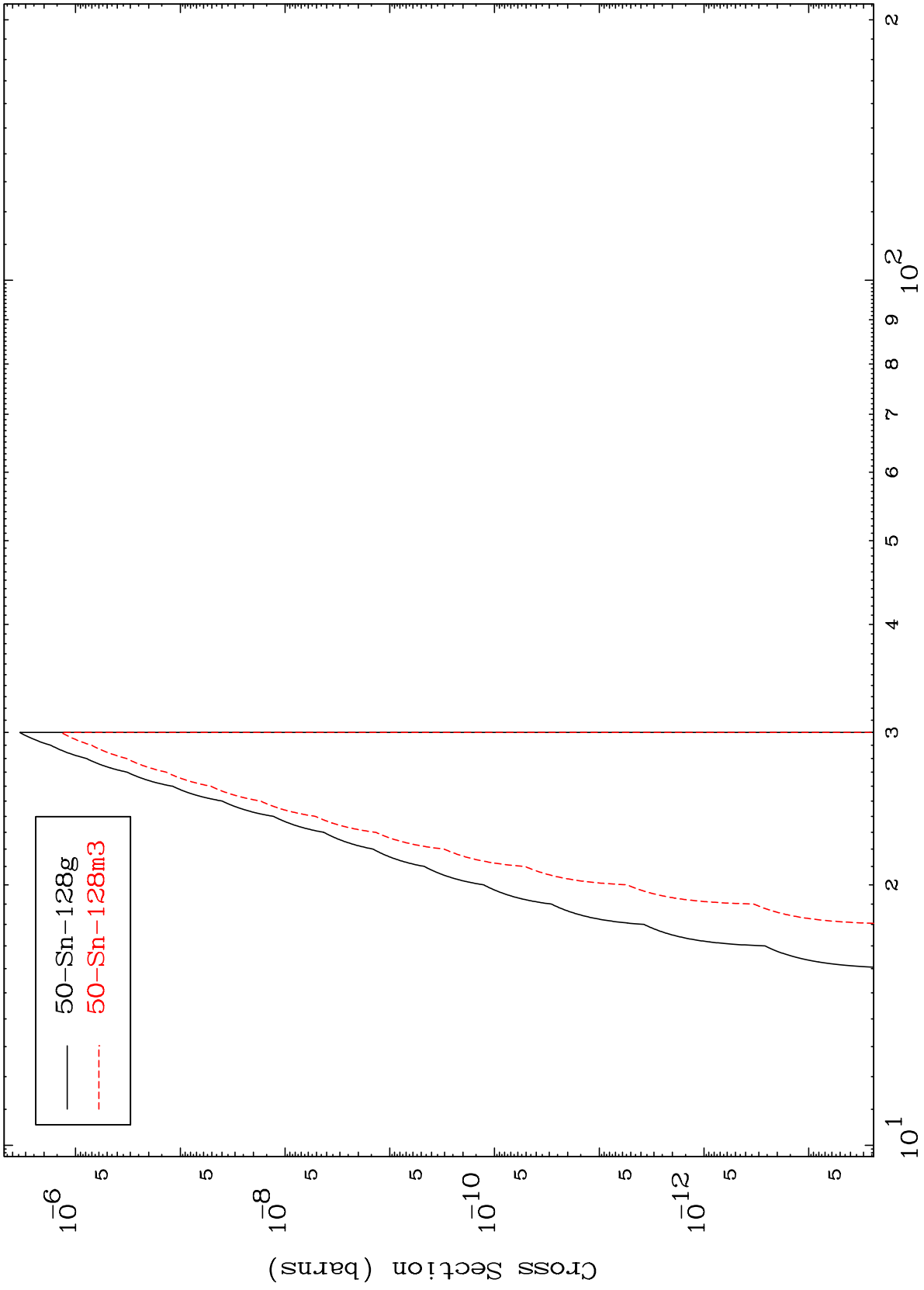
Incident Energy (MeV)

52-Te-129m

MAT 5253

Radionuclide Production Cross Section  
(n,2p)

52-Te-129m



Incident Energy (MeV)

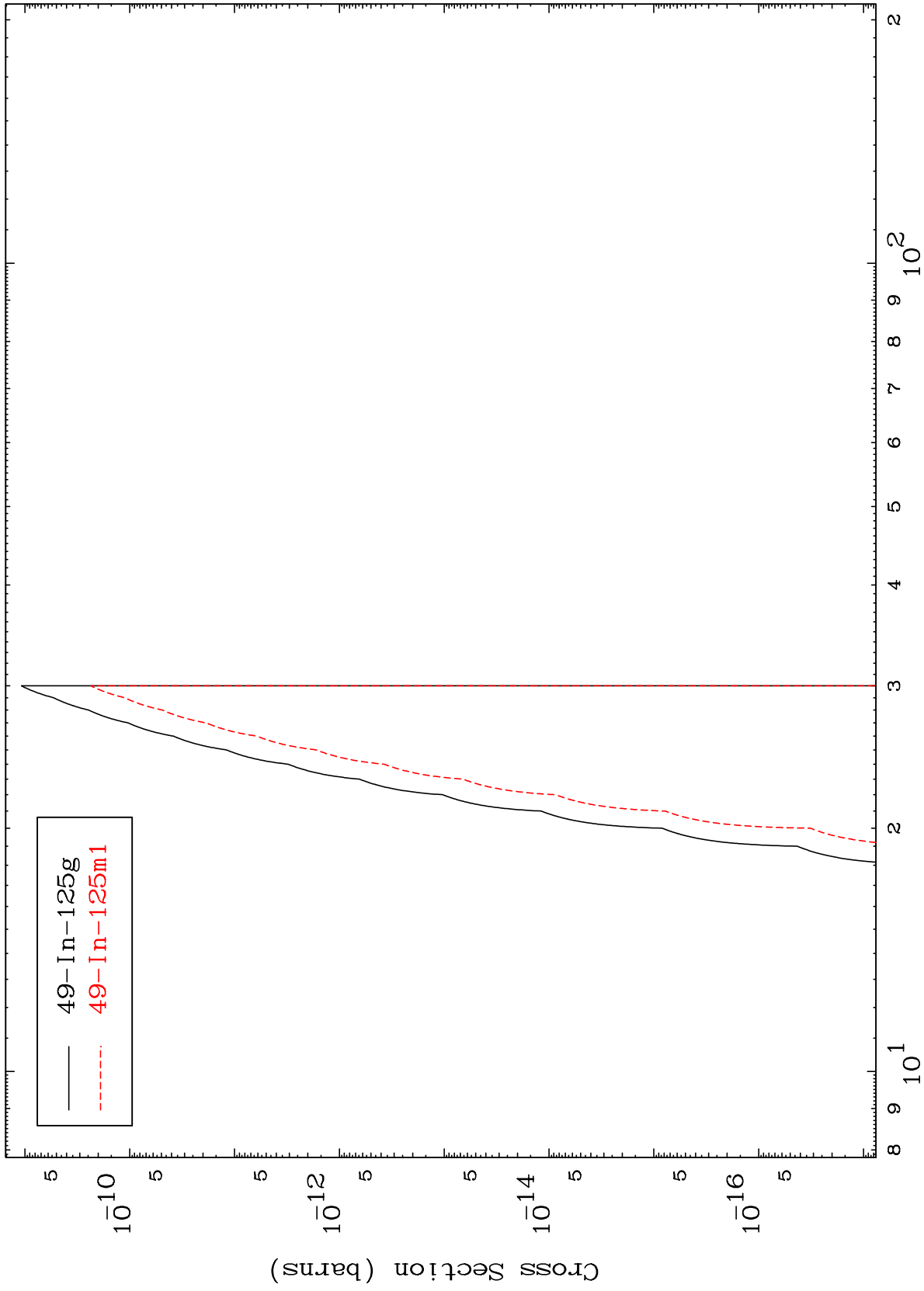
52-Te-129m

MAT 5253

(n,p)  $\alpha$

52-Te-129m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

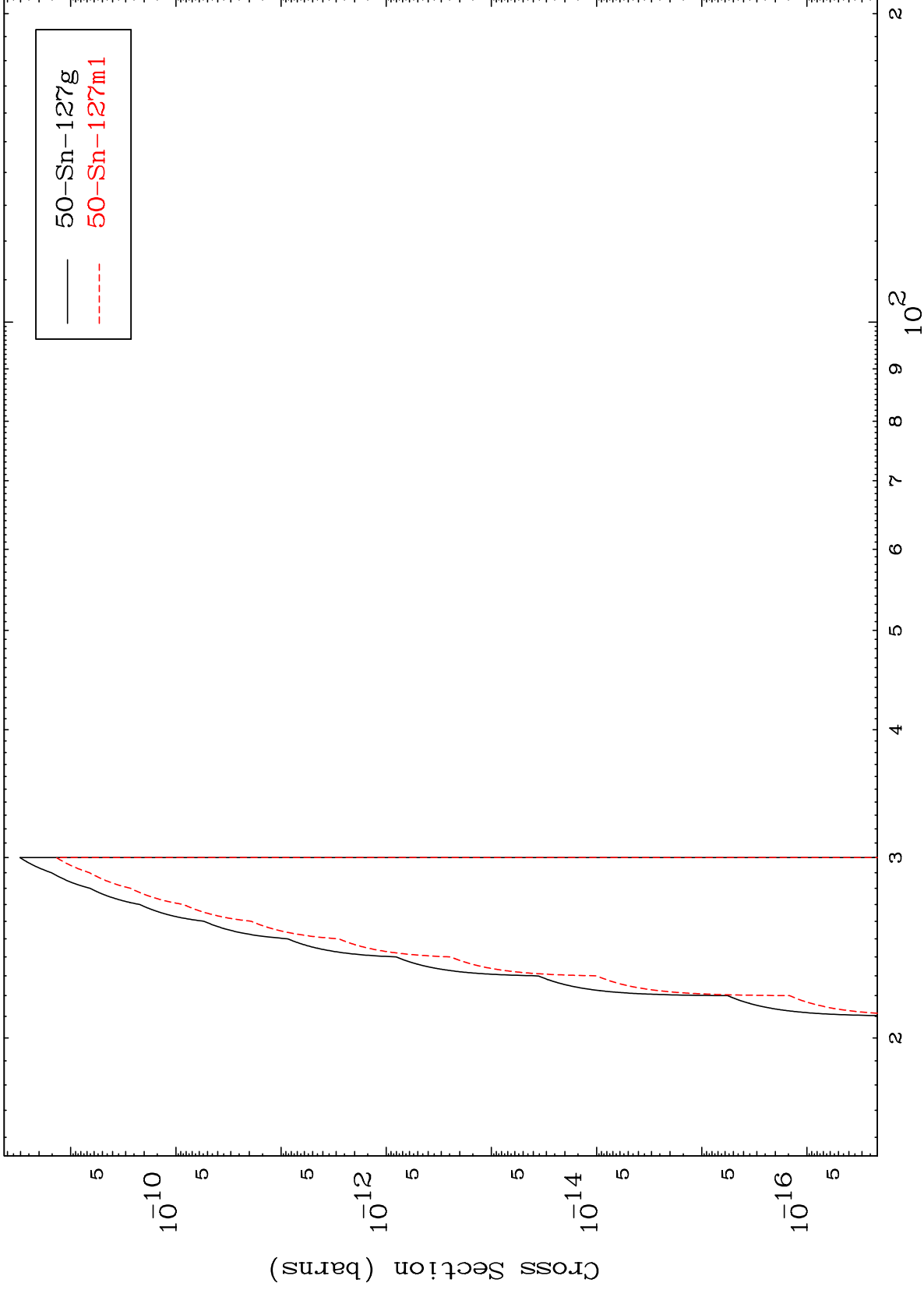
52-Te-129m

MAT 5253

(n,p) d

52-Te-129m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

52-Te-129m