

Program EVALPLOT  
(Version 2021-1)

by

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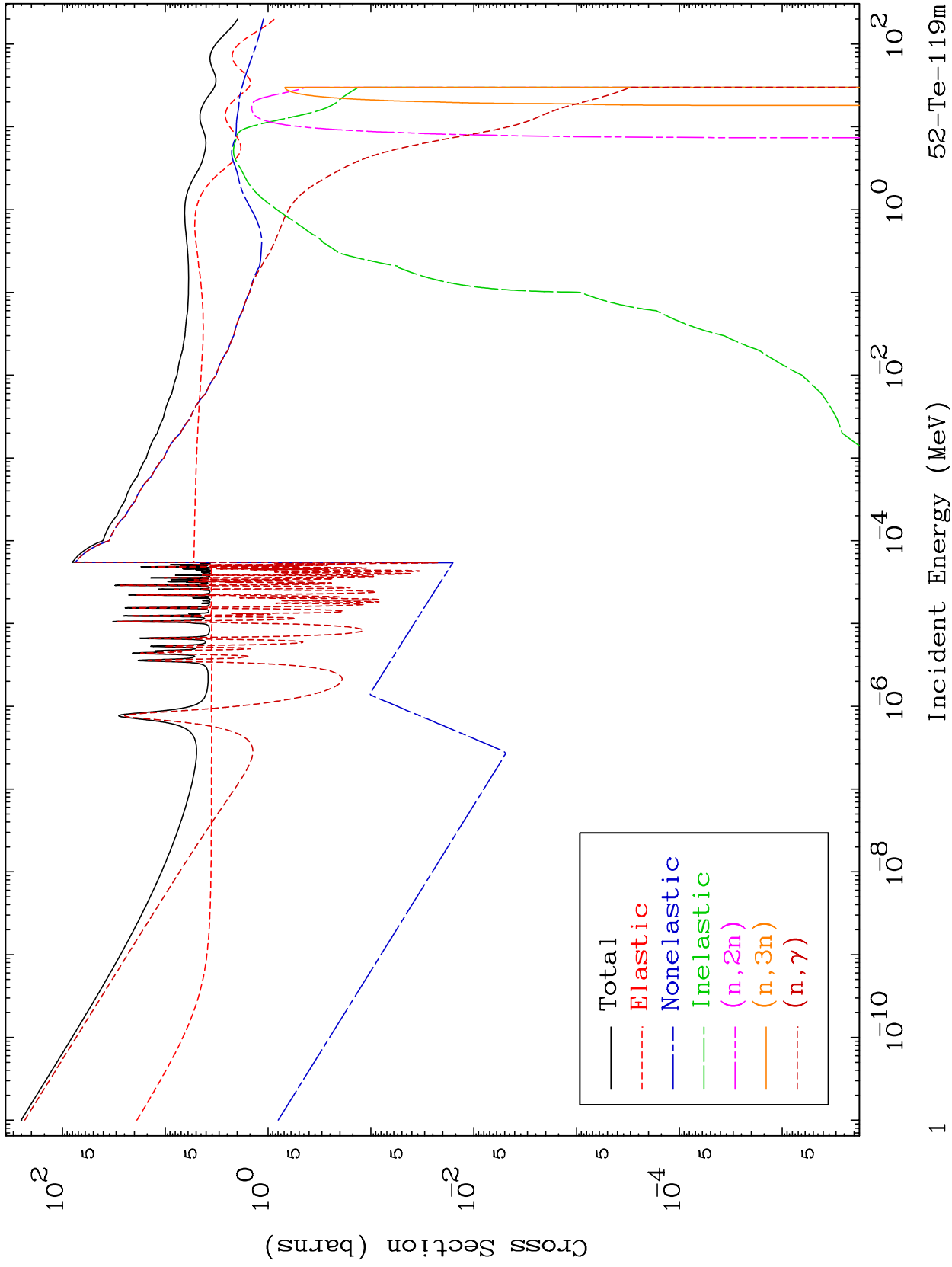
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5223

Neutron Major  
293 Kelvin Cross Sections

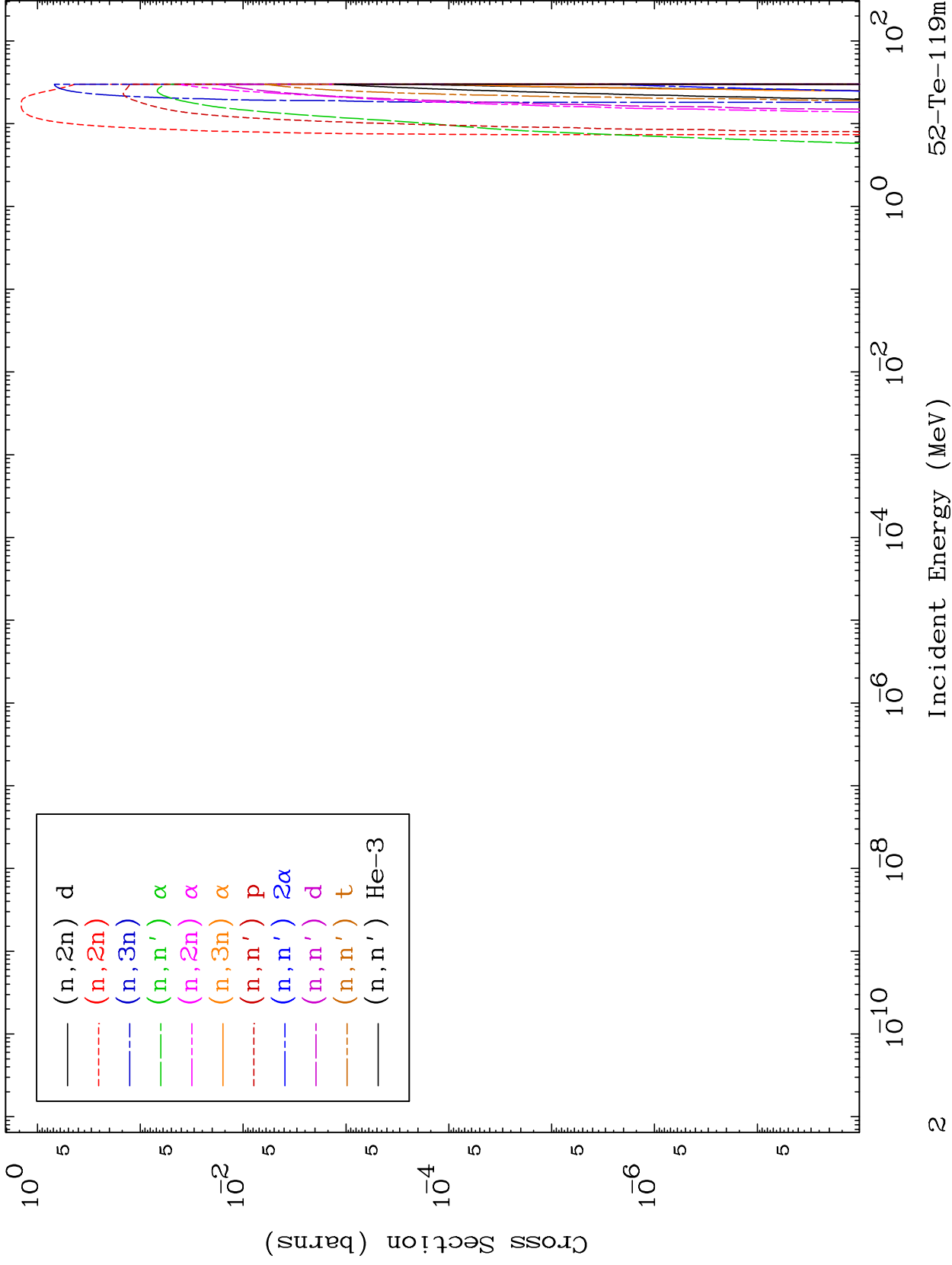
52-Te-119m



MAT 5223

Neutron Absorption  
293 Kelvin Cross Sections

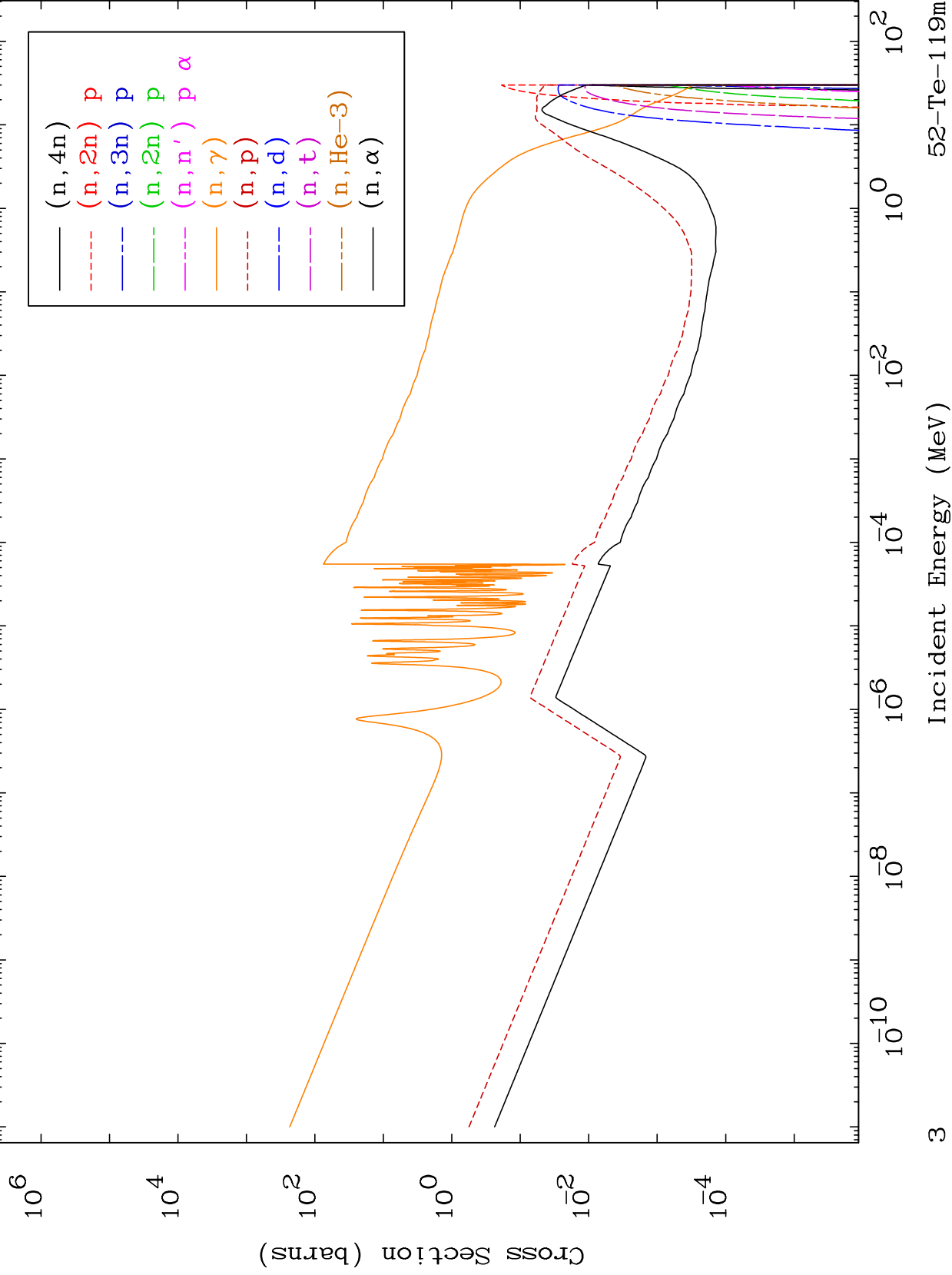
52-Te-119m



MAT 5223

Neutron Absorption  
293 Kelvin Cross Sections

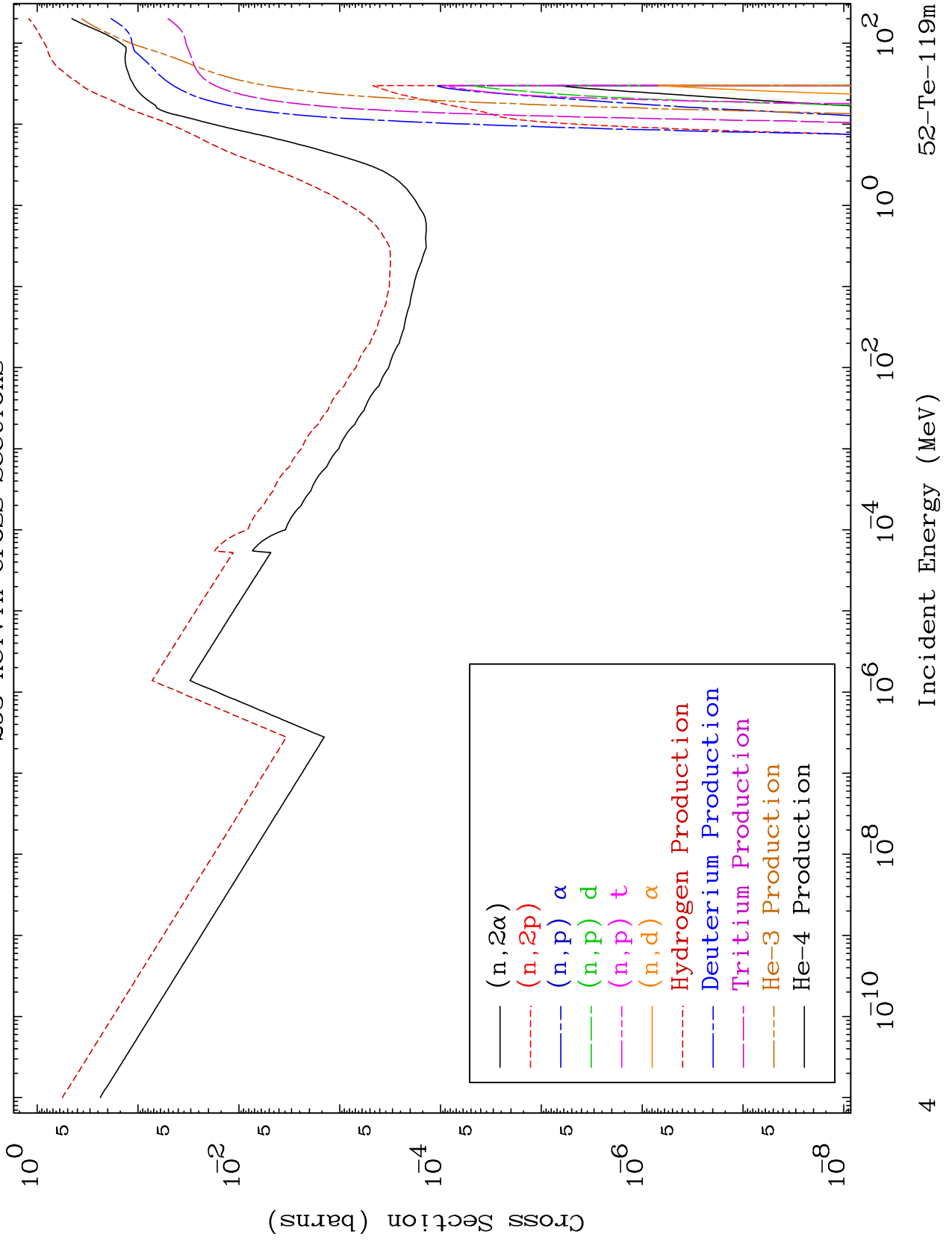
52-Te-119m



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Neutron Absorption  
293 Kelvin Cross Sections

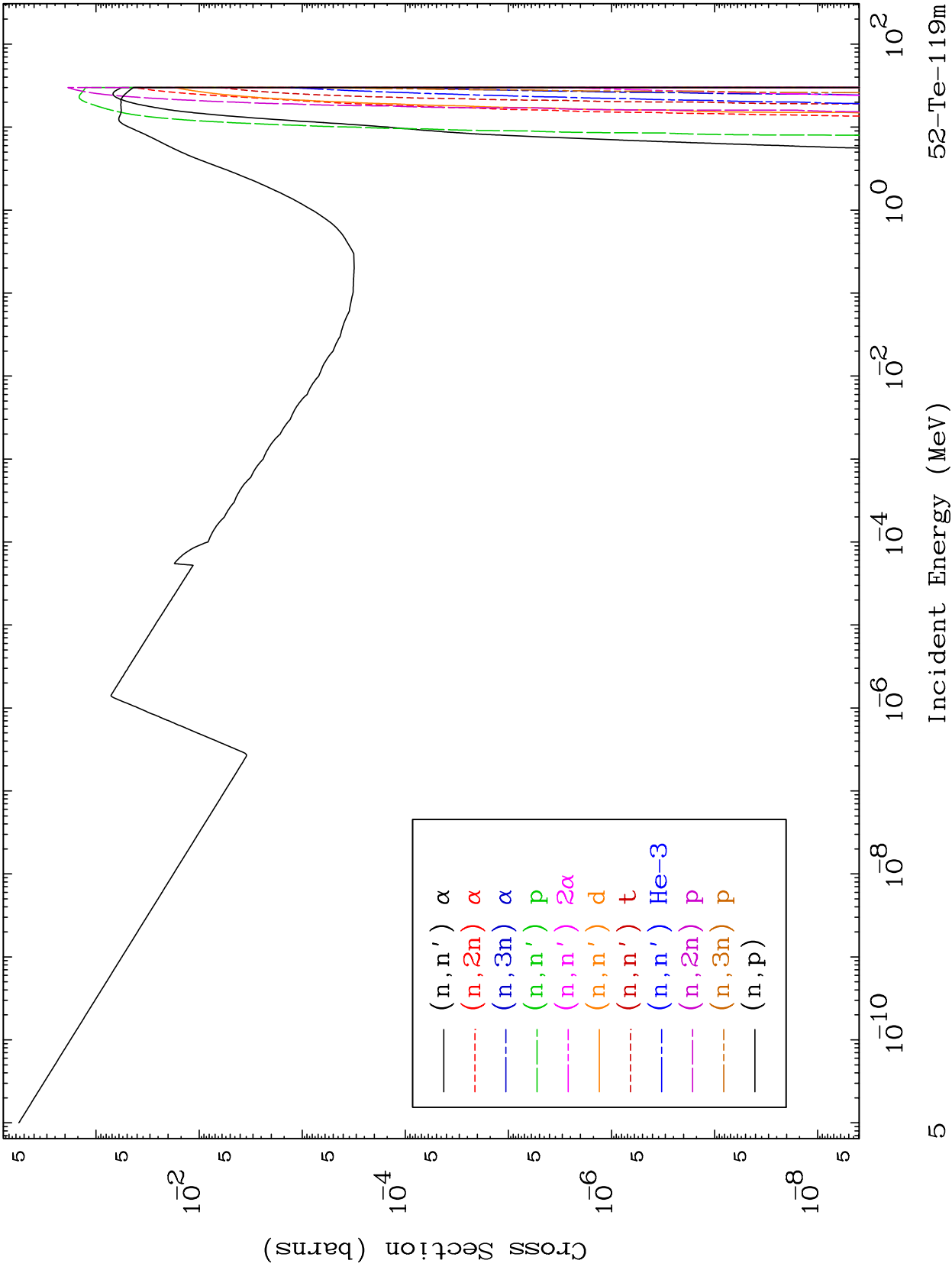
52-Te-119m



MAT 5223

Charged Particle  
293 Kelvin Cross Sections

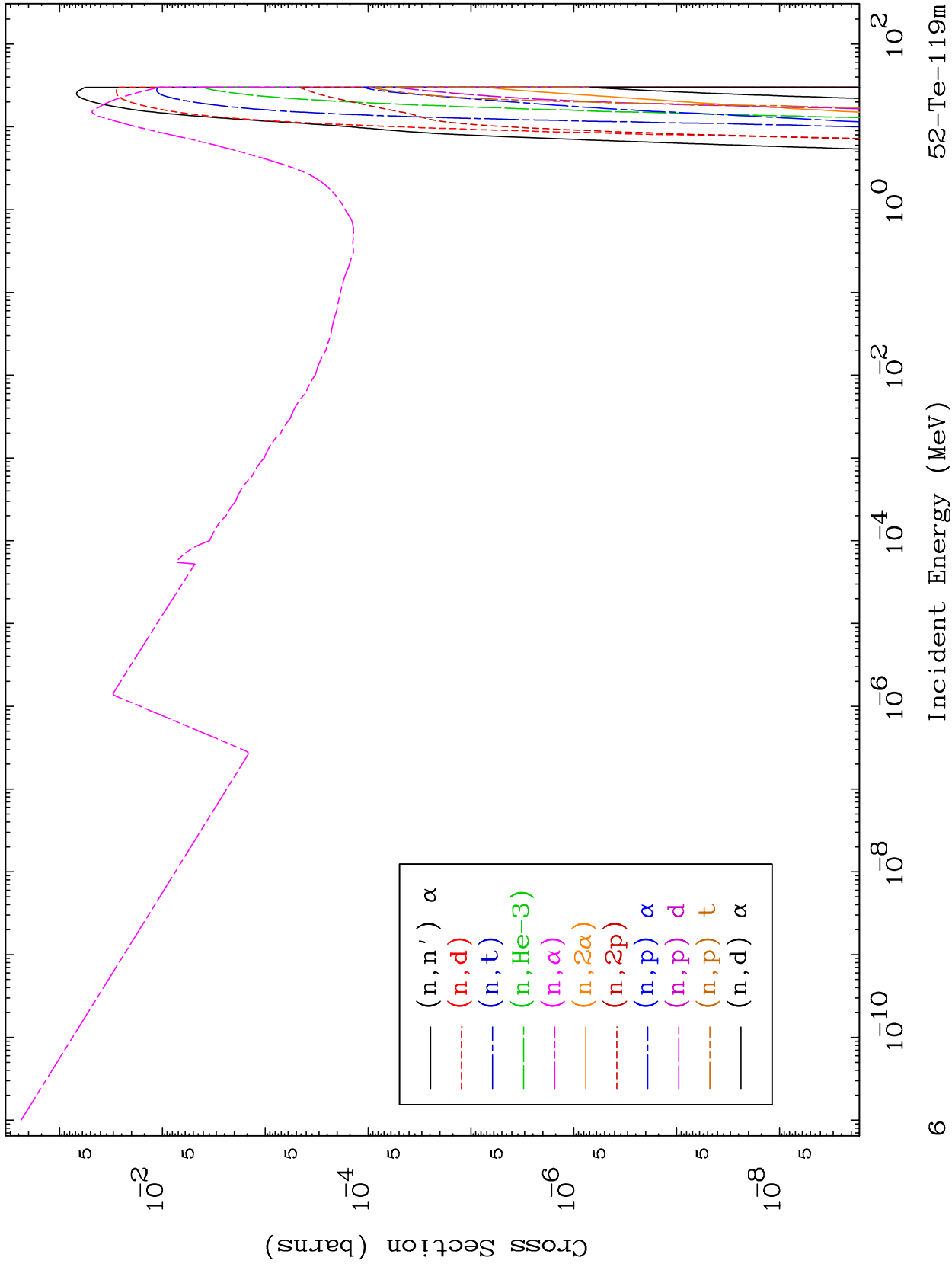
52-Te-119m



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Charged Particle  
293 Kelvin Cross Sections

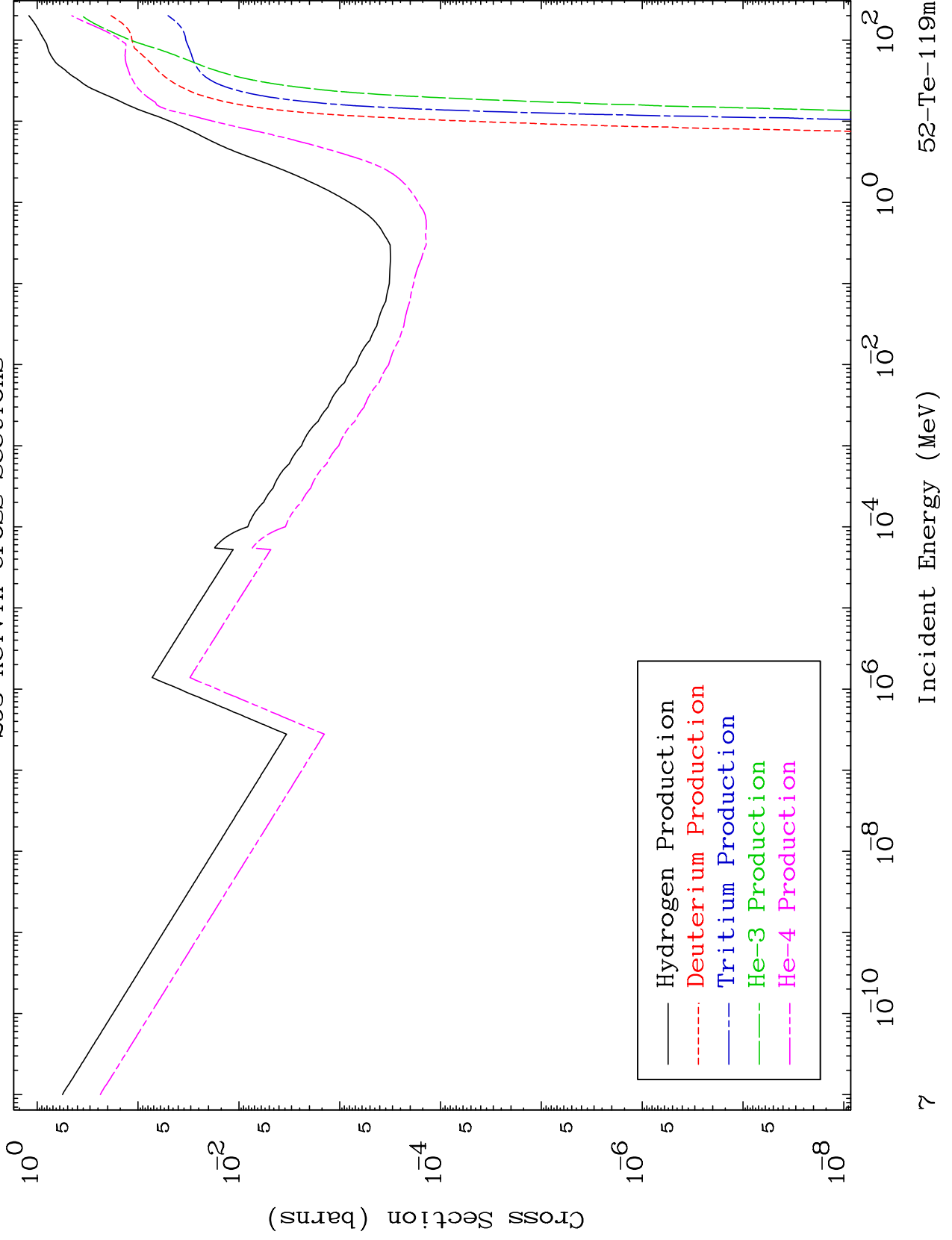
52-Te-119m



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Particle Production  
293 Kelvin Cross Sections

52-Te-119m

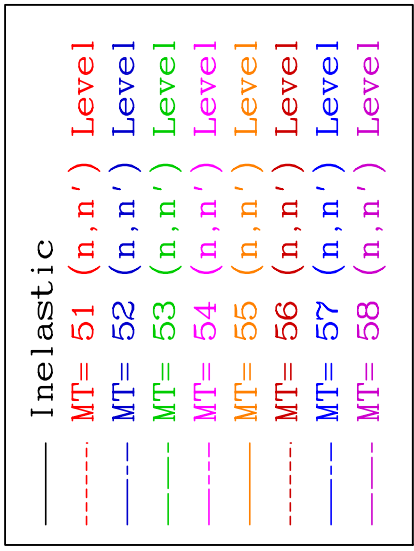
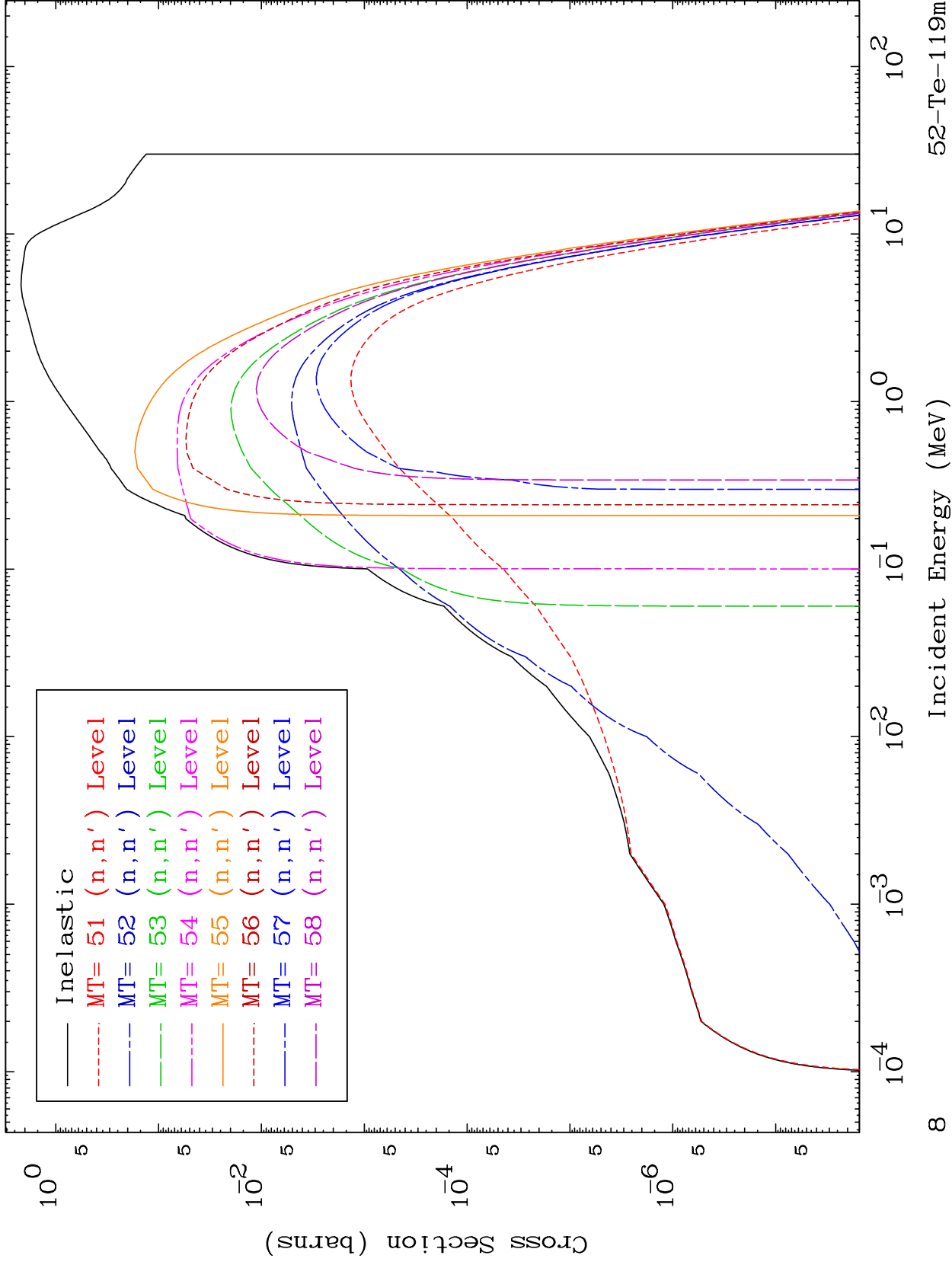




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(n,n') Levels  
293 Kelvin Cross Sections

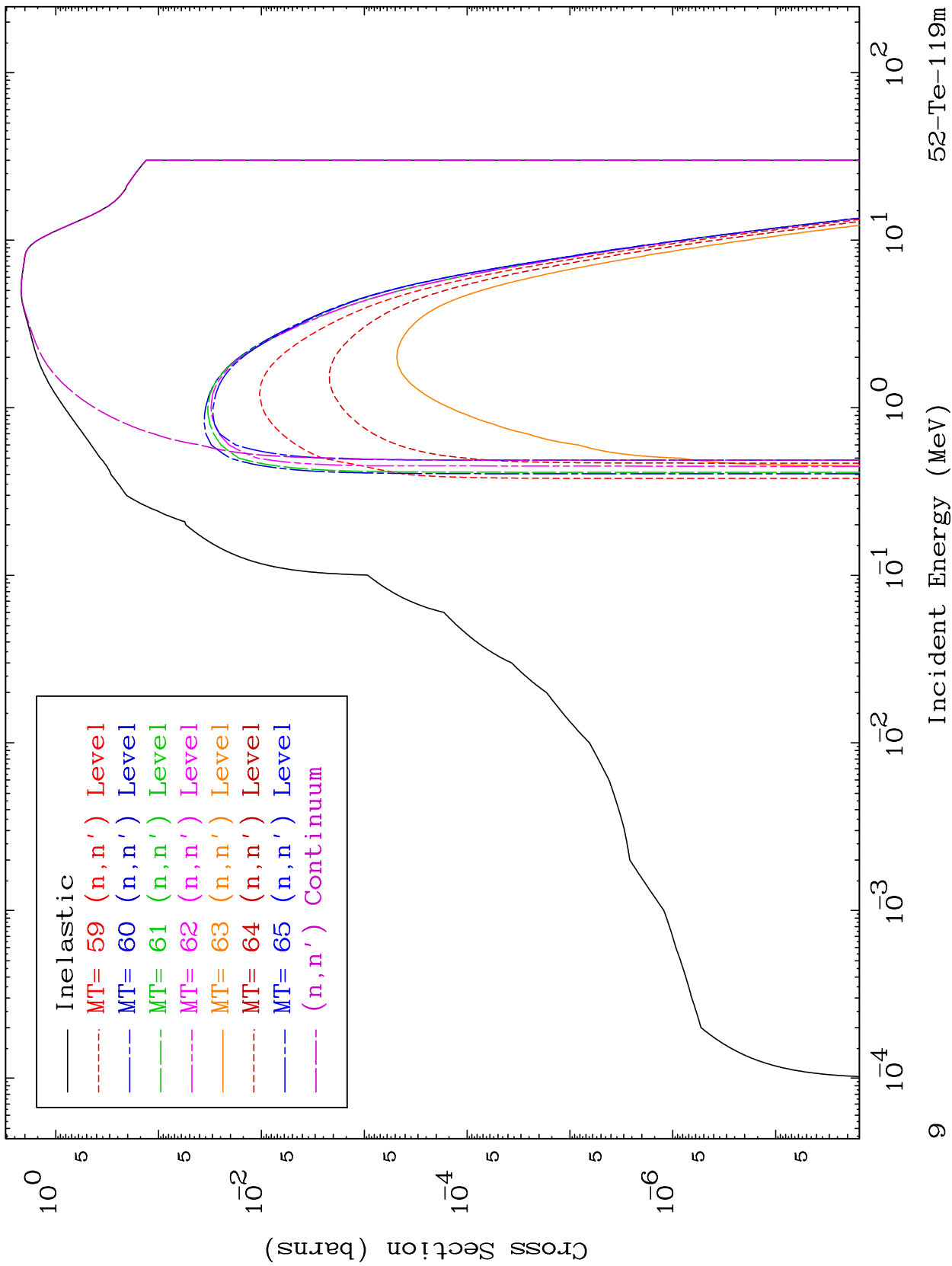
52-Te-119m



MAT 5223

293 Kelvin Cross Sections  
(n,n') Levels

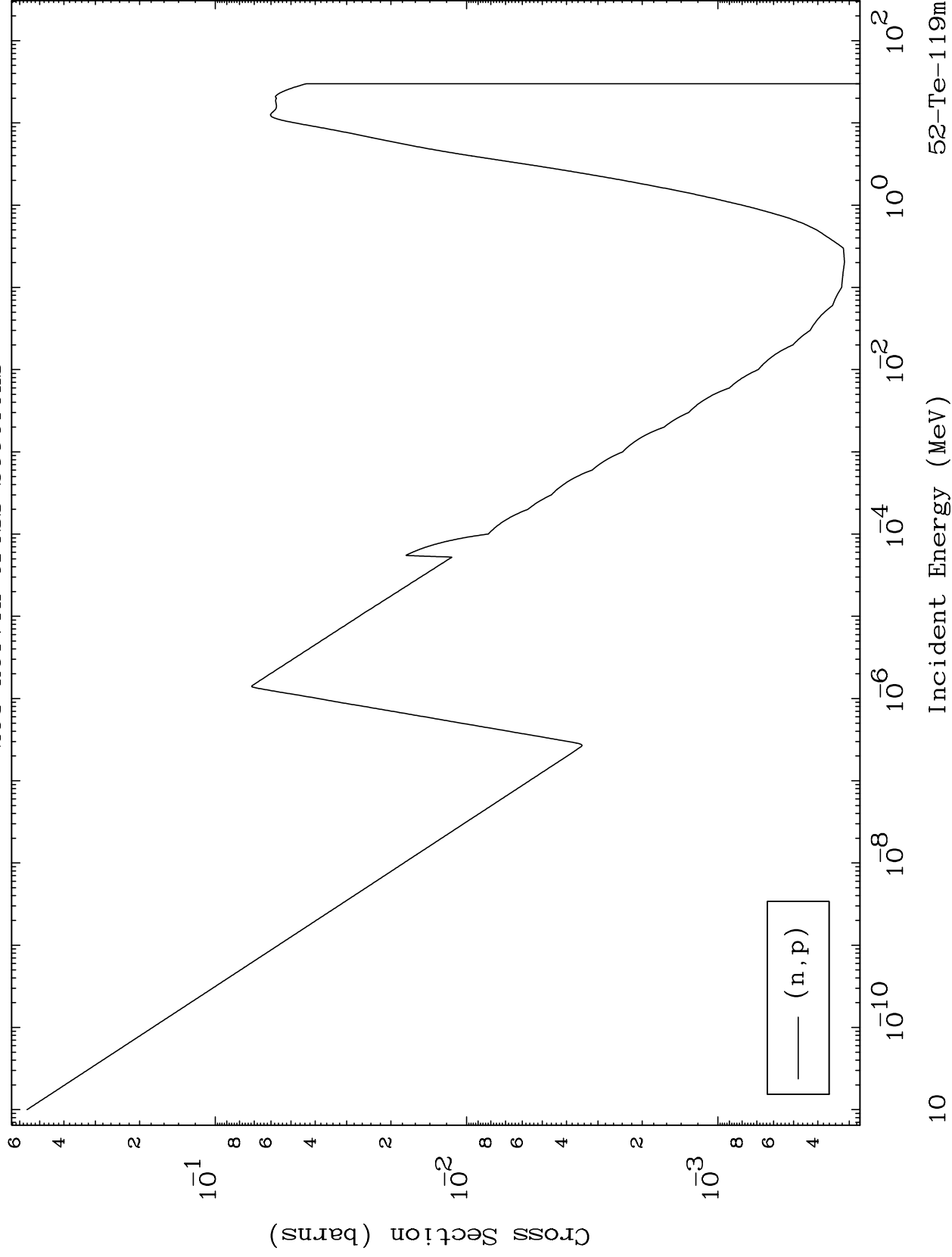
52-Te-119m



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(n,p) Levels  
293 Kelvin Cross Sections

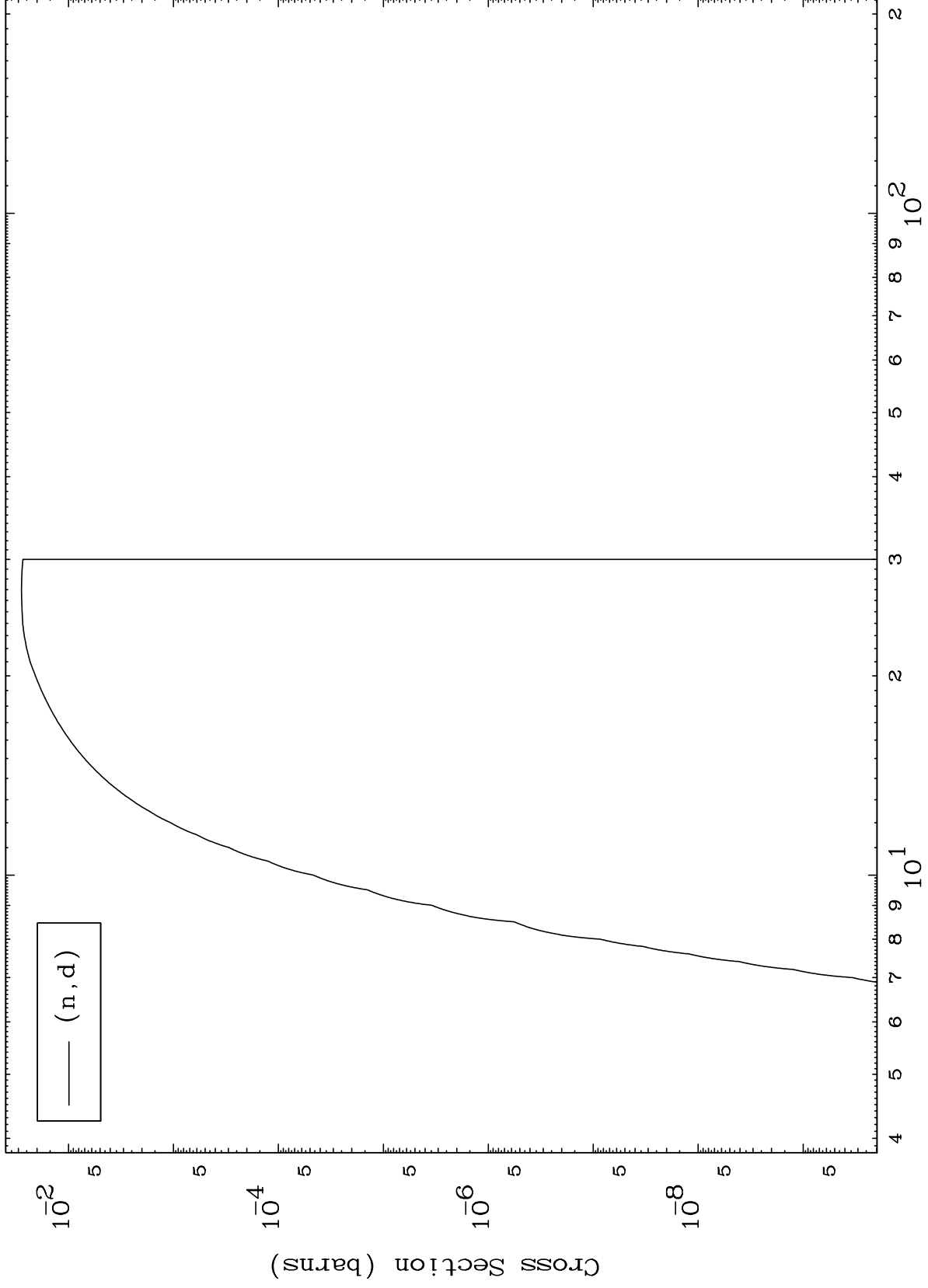
52-Te-119m



MAT 5223

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-119m



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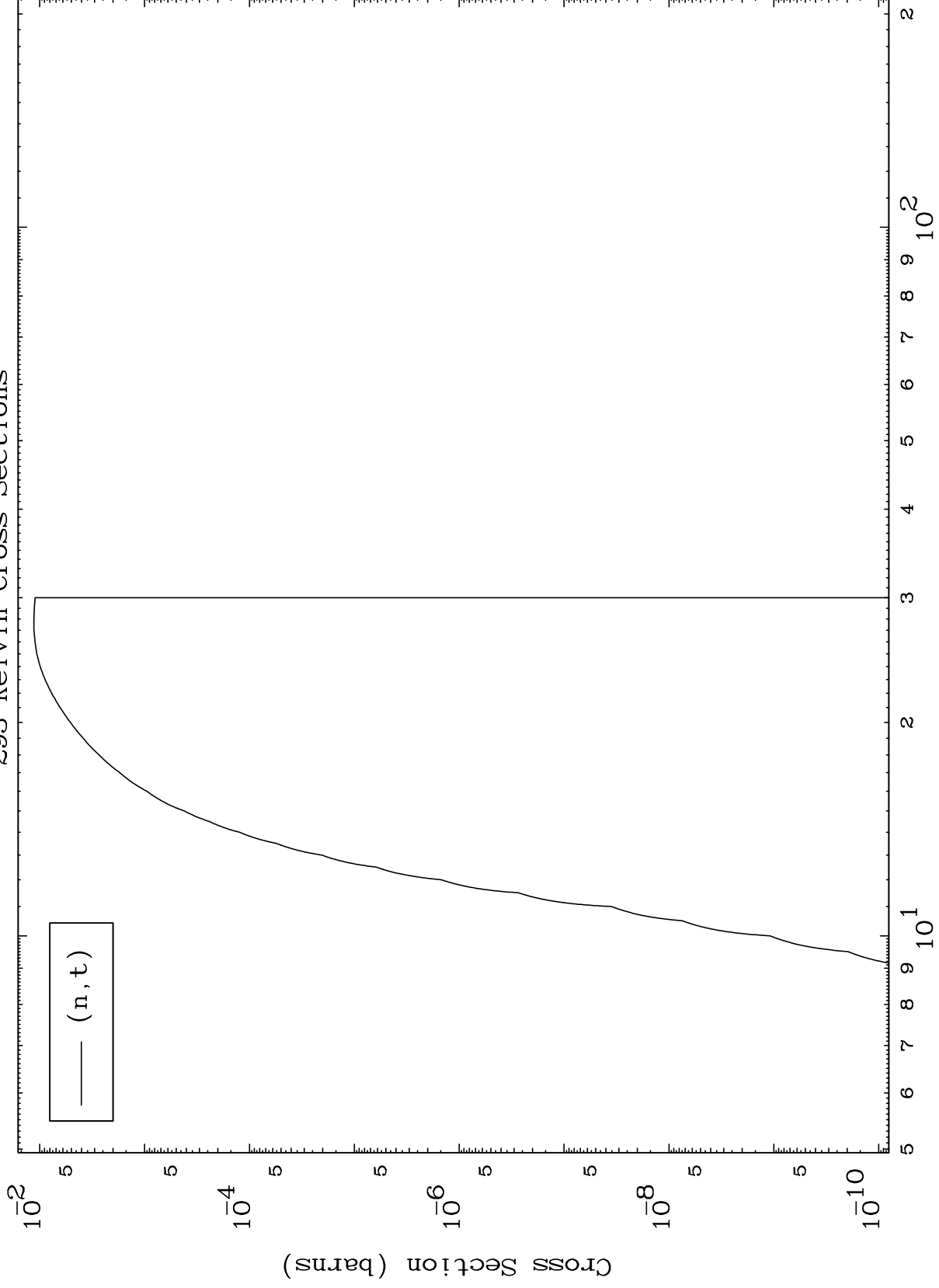
Incident Energy (MeV)

52-Te-119m

MAT 5223

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-119m



12

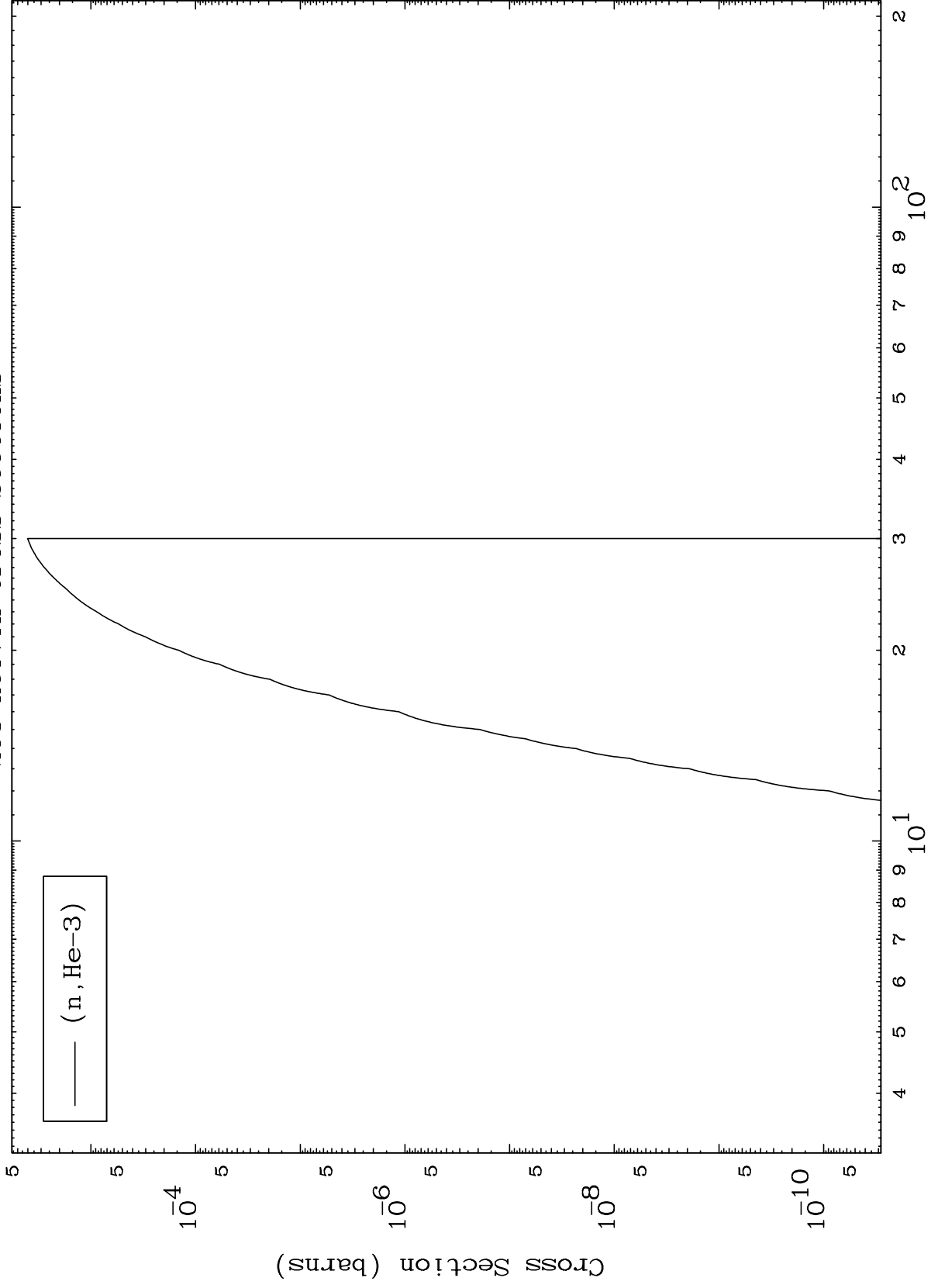
Incident Energy (MeV)

52-Te-119m

MAT 5223

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-119m



13

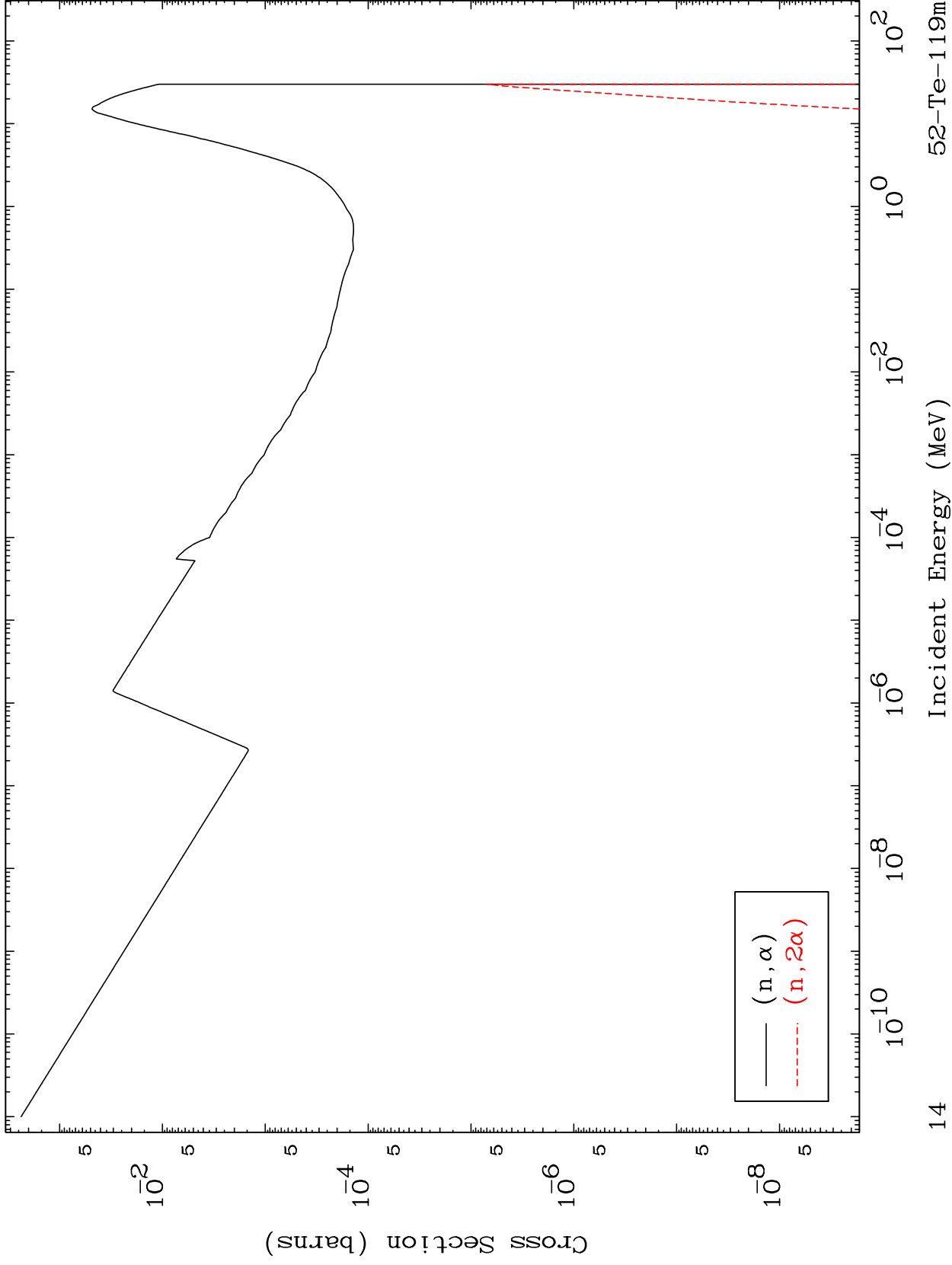
Incident Energy (MeV)

52-Te-119m

MAT 5223

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

52-Te-119m



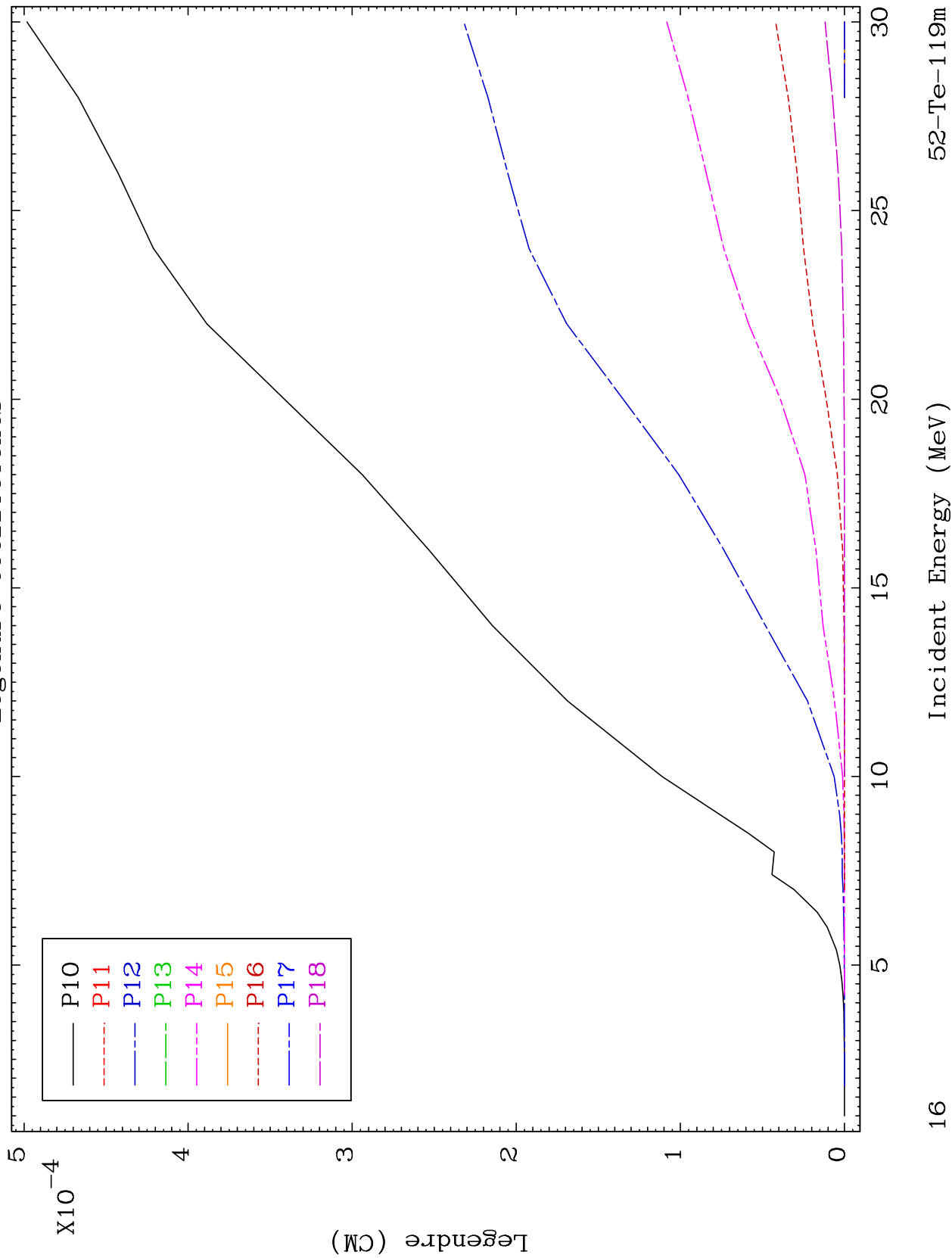




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Elastic Legendre Coefficients

52-Te-119m



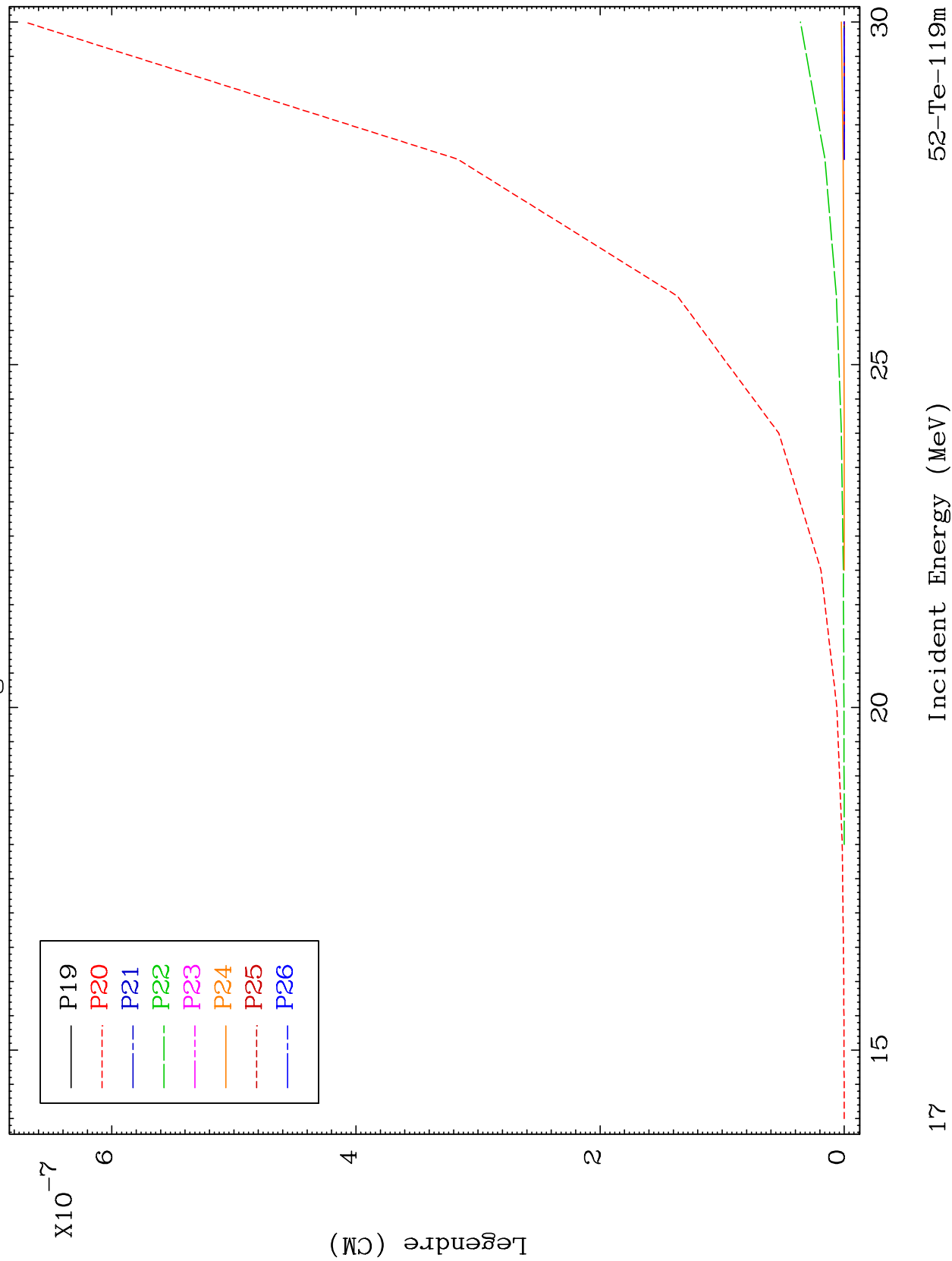
16

52-Te-119m

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Elastic Legendre Coefficients

52-Te-119m



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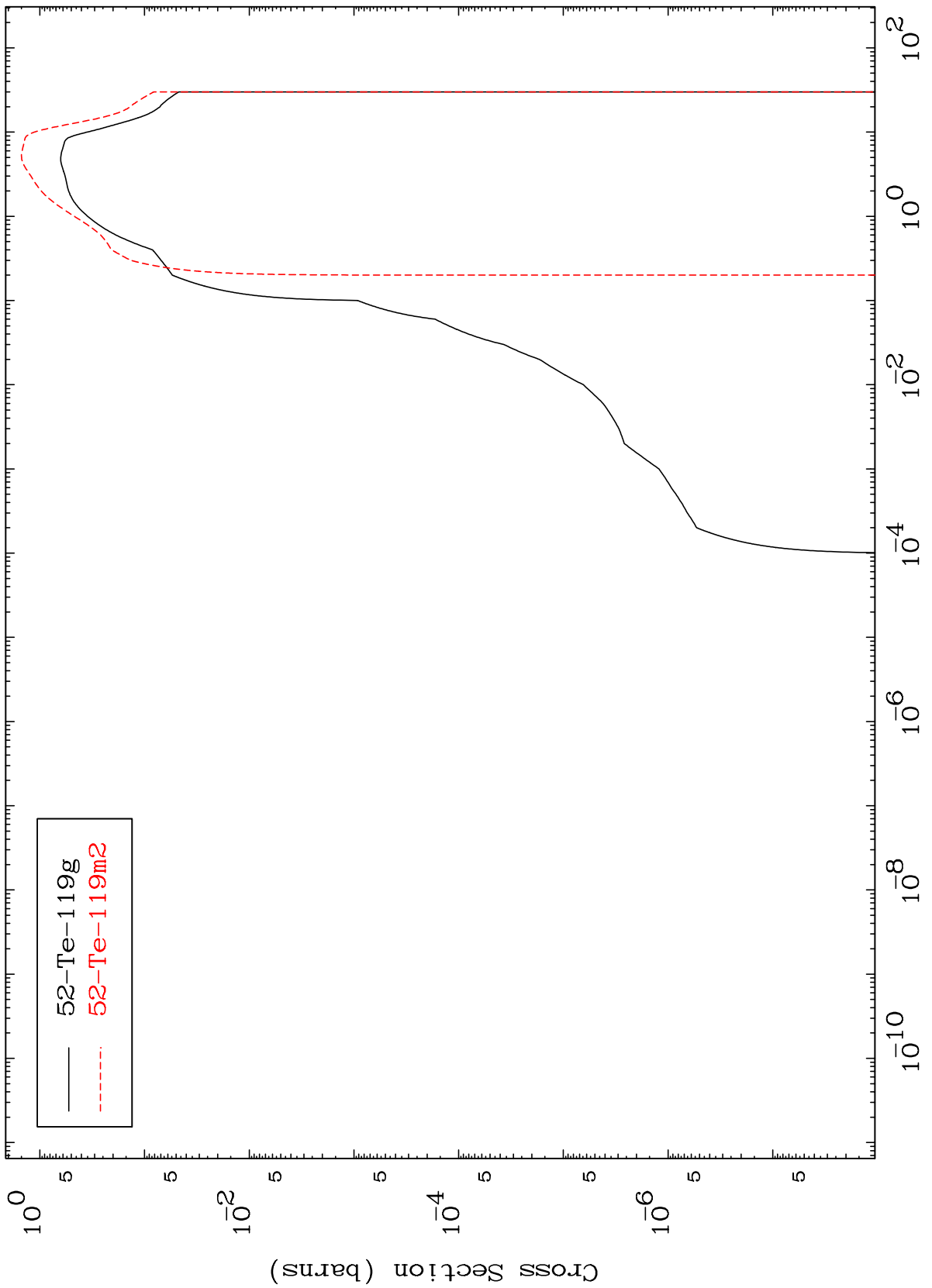
Incident Energy (MeV)

52-Te-119m

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52-Te-119m

Inelastic  
Radionuclide Production Cross Section



52-Te-119g  
52-Te-119m2

52-Te-119m

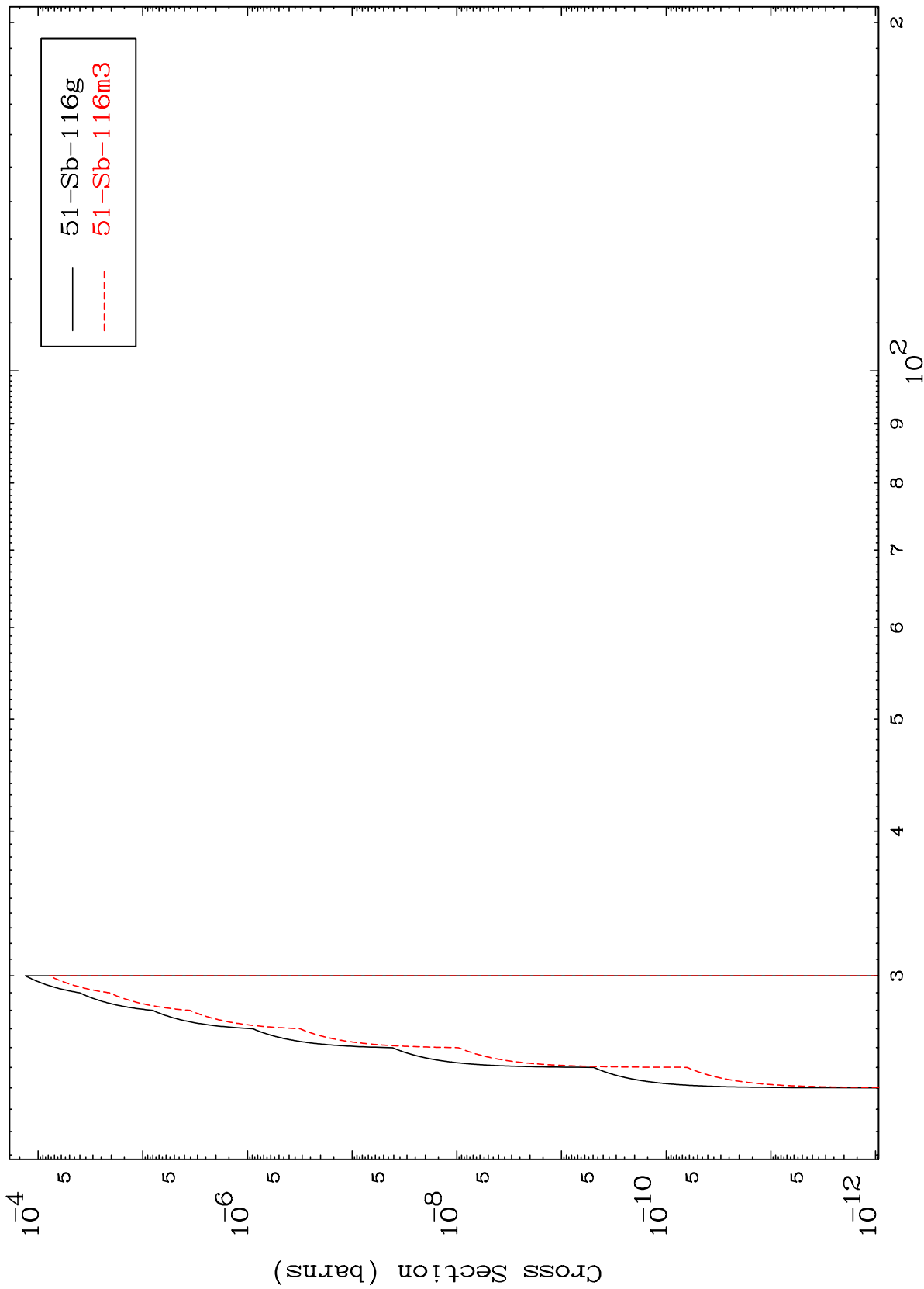
Incident Energy (MeV)

18

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52-Te-119m

(n,2n) d  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

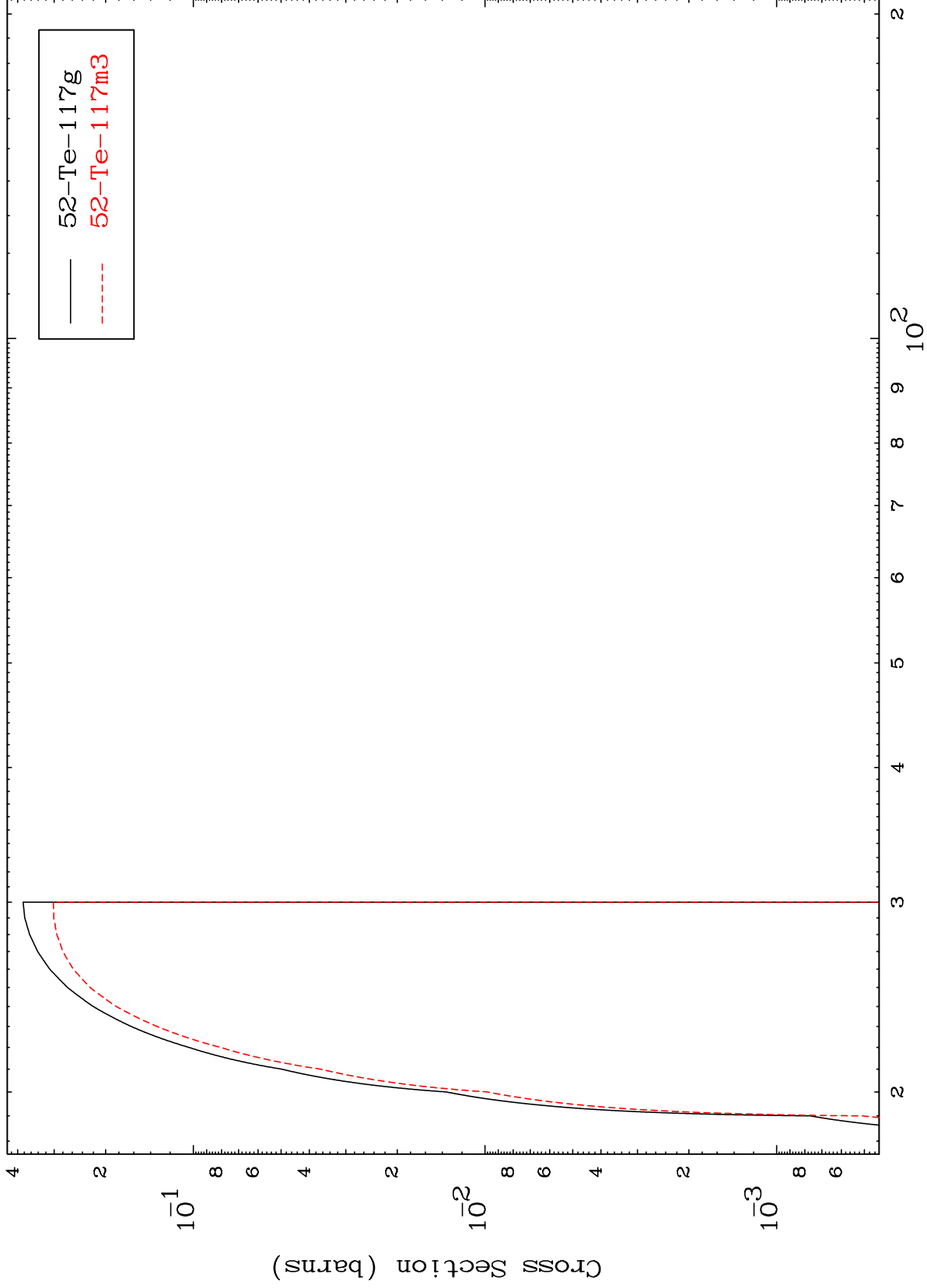
52-Te-119m

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(n,3n)

52-Te-119m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

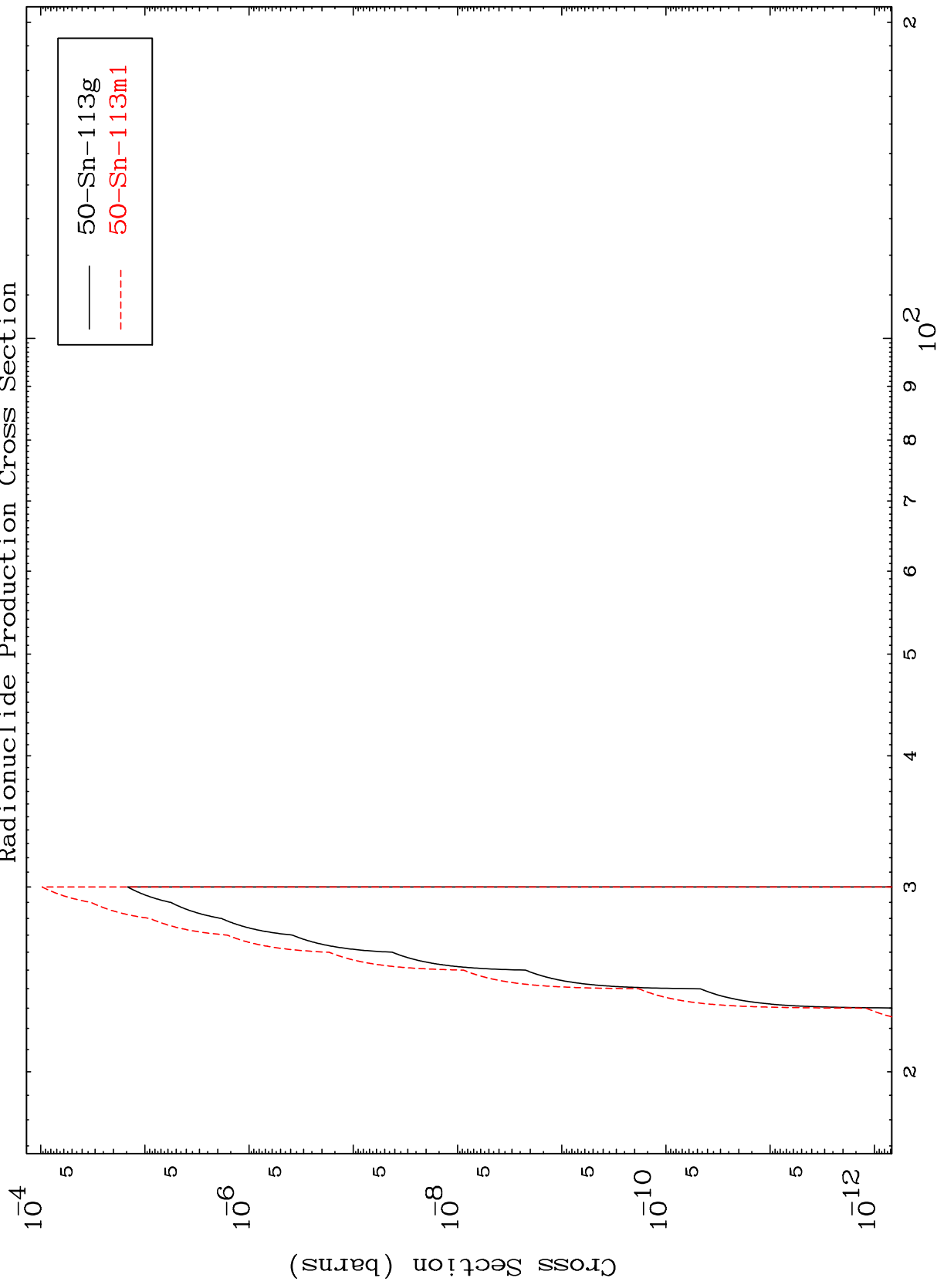
52-Te-119m

MAT 5223

(n,3n)  $\alpha$

52-Te-119m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

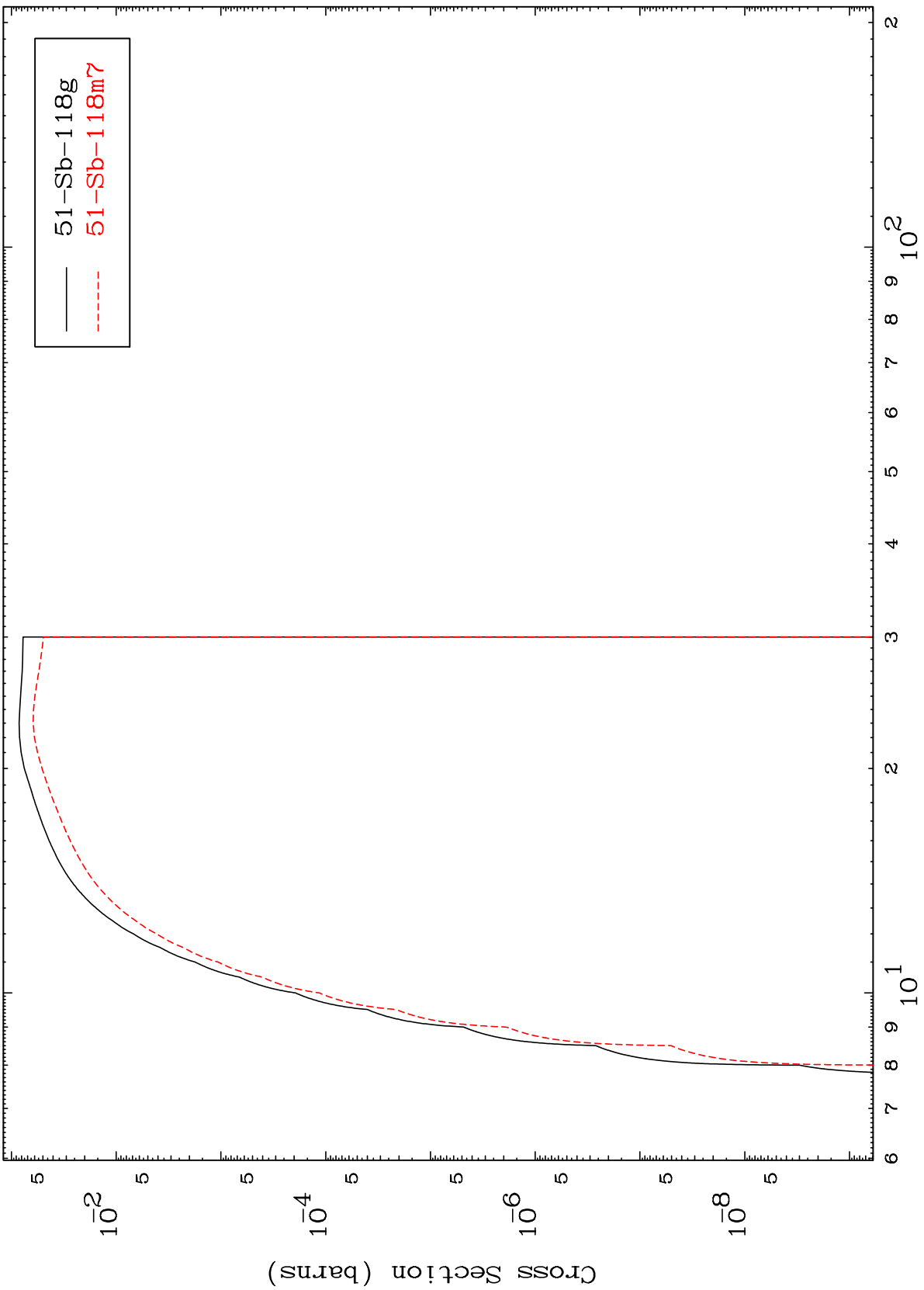
52-Te-119m

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(n,n') p

52-Te-119m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

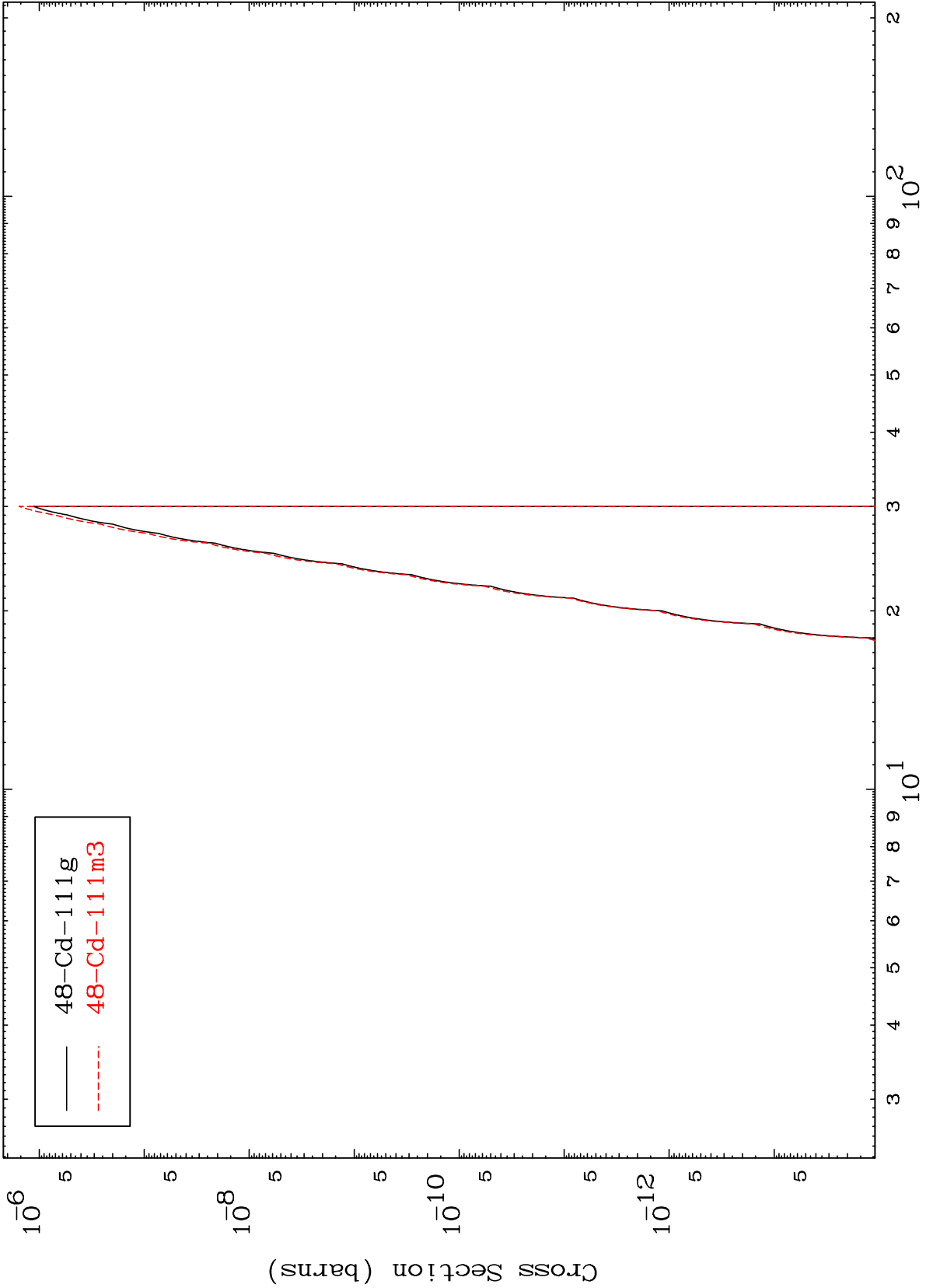
52-Te-119m

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(n,n') 2α

52-Te-119m

Radionuclide Production Cross Section



48-Cd-111g  
48-Cd-111m3

Incident Energy (MeV)

52-Te-119m

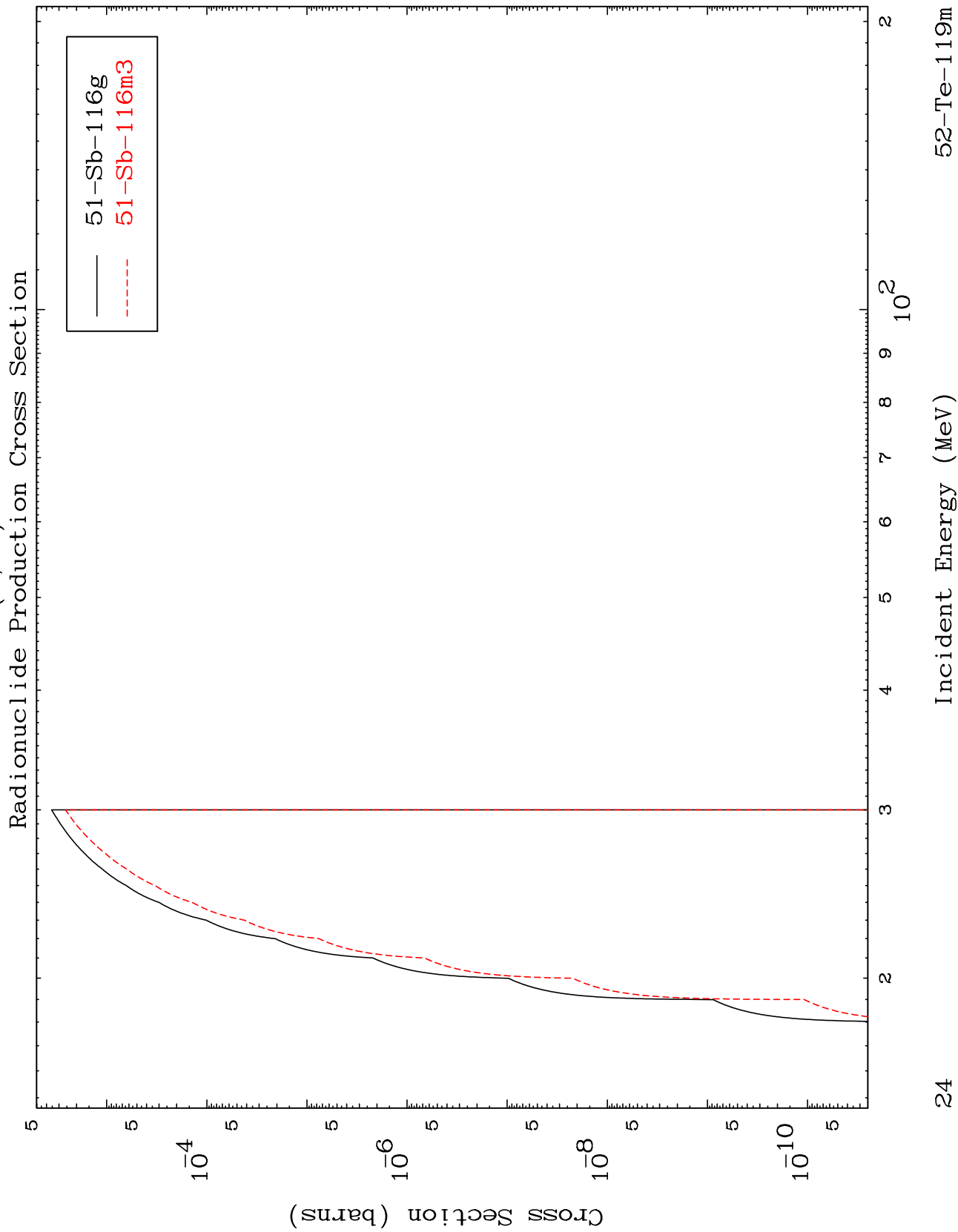
23



MAT 5223

(n,n') t

52-Te-119m



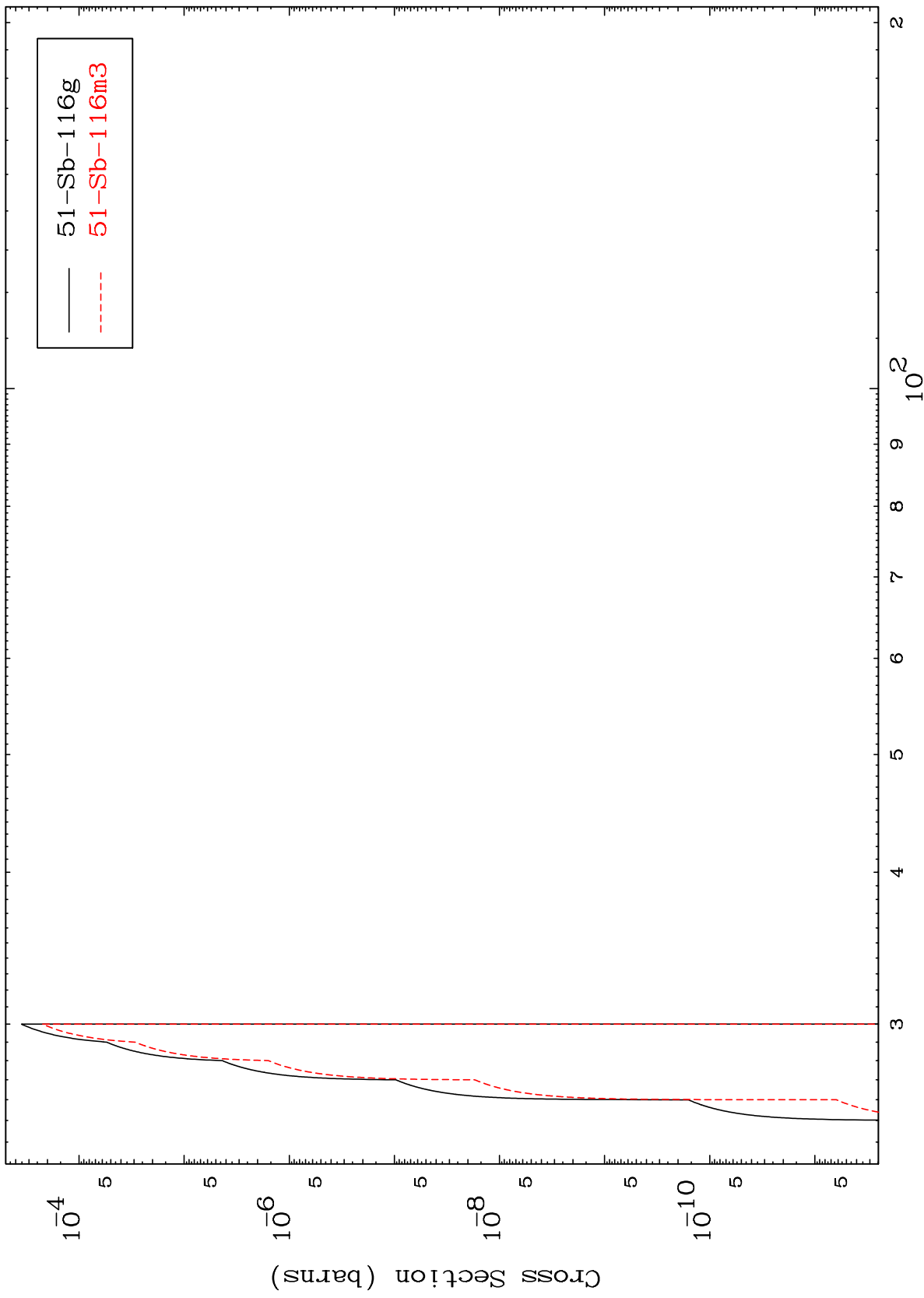
24

52-Te-119m

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52-Te-119m

(n,3n) p  
Radionuclide Production Cross Section



52-Te-119m

Incident Energy (MeV)

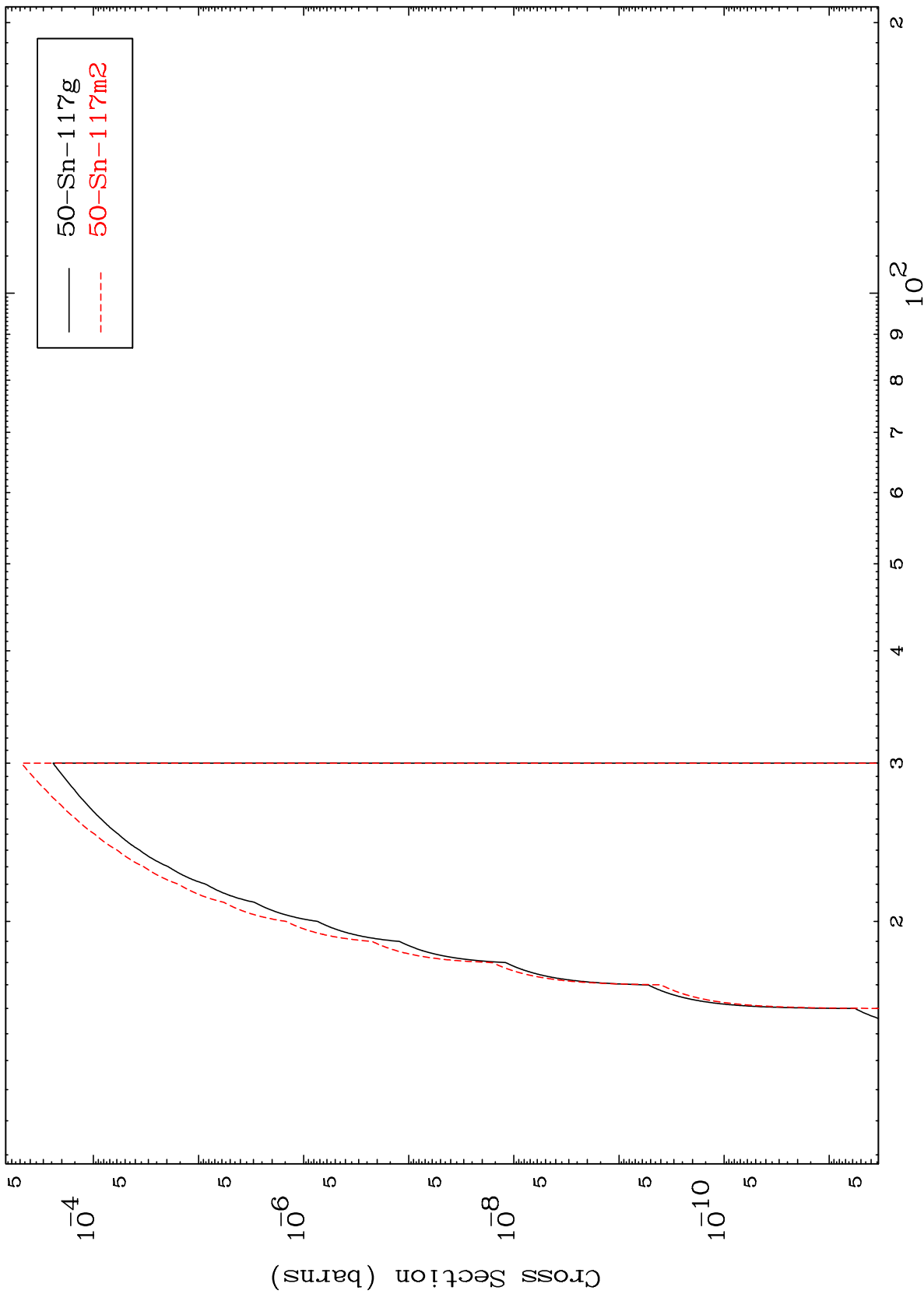
25

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(n,2n) p

52-Te-119m

Radionuclide Production Cross Section



Incident Energy (MeV)

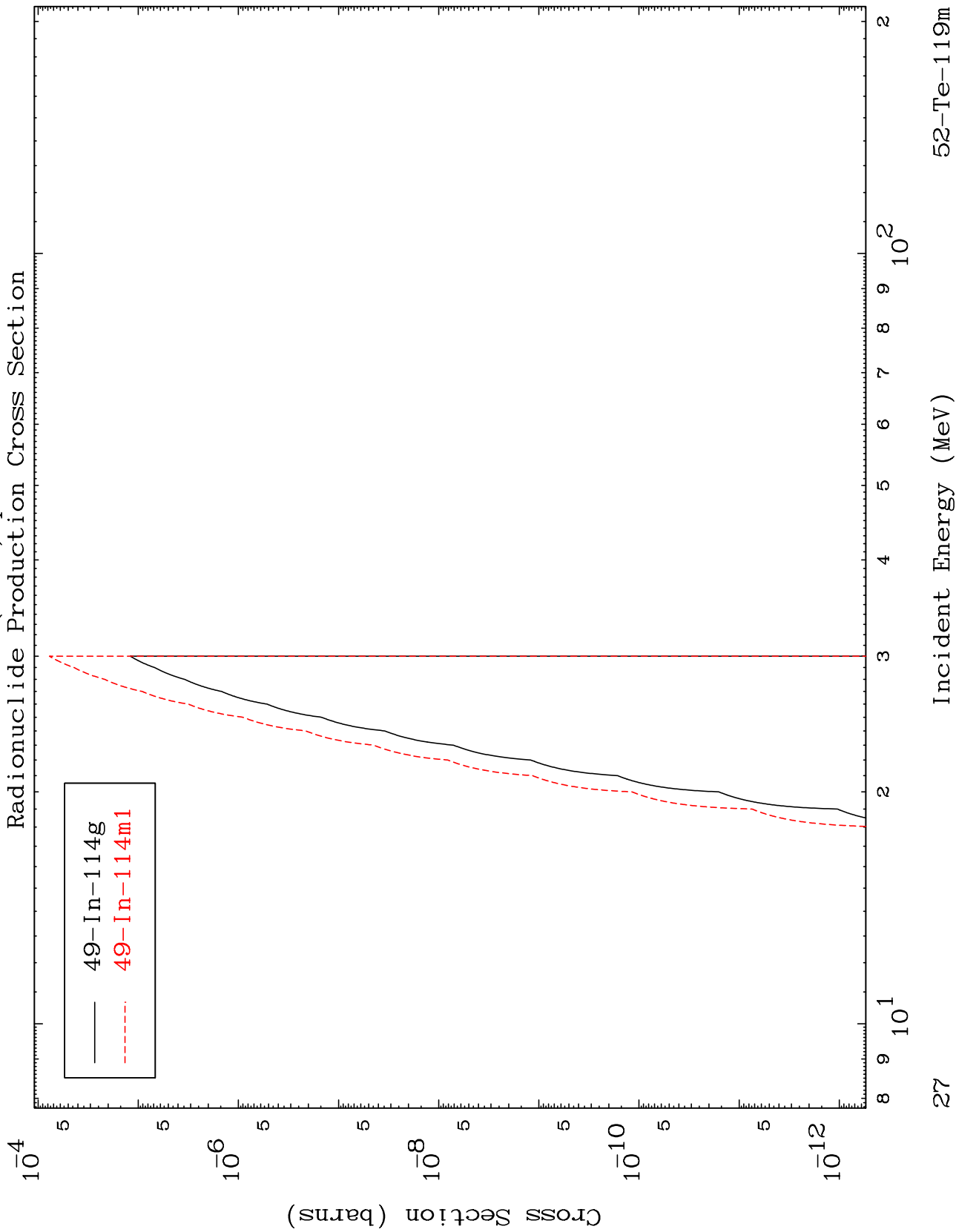
52-Te-119m

26

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(n,n') p  $\alpha$

52-Te-119m

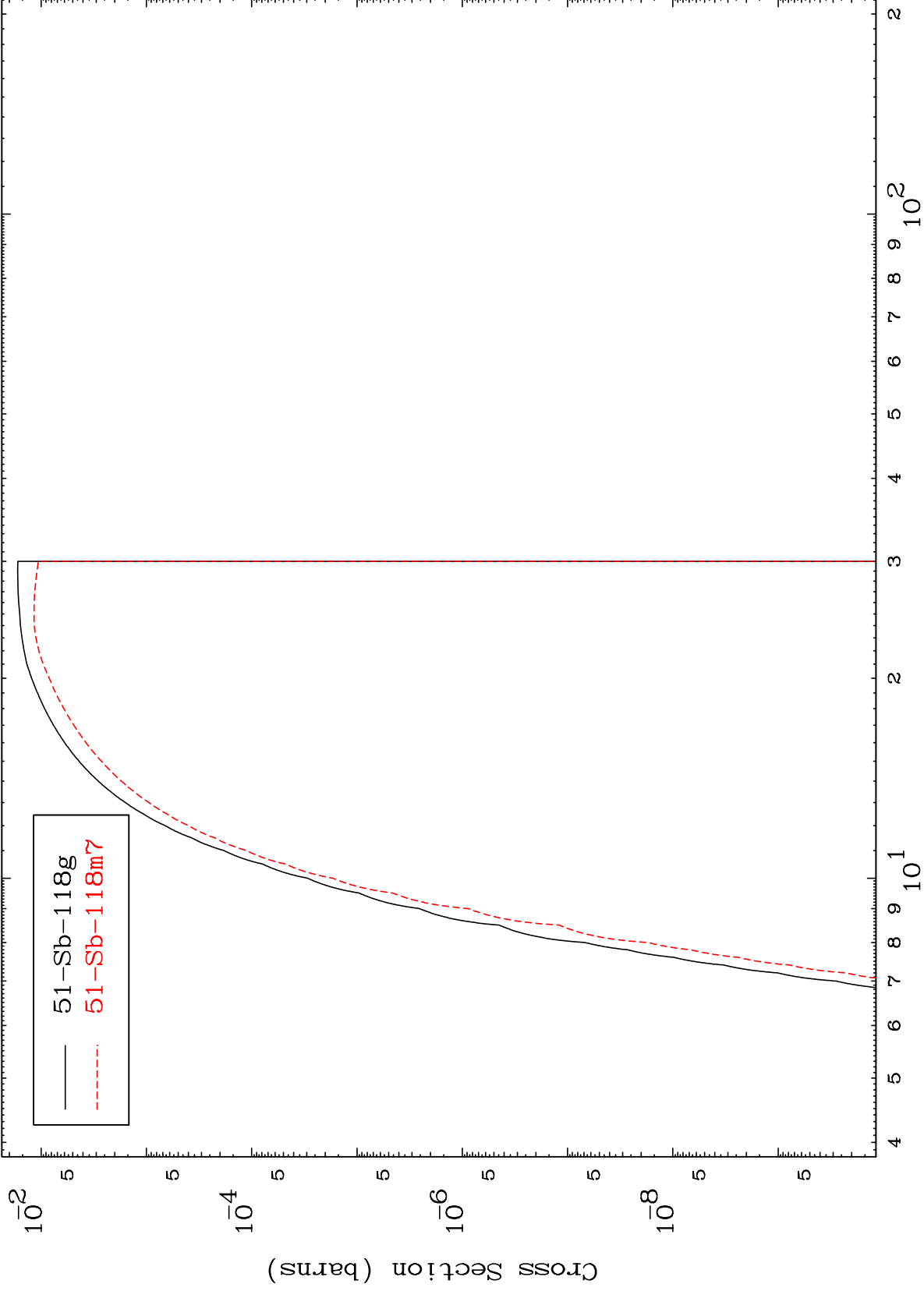


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(n,d)

52-Te-119m

Radionuclide Production Cross Section



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Incident Energy (MeV)

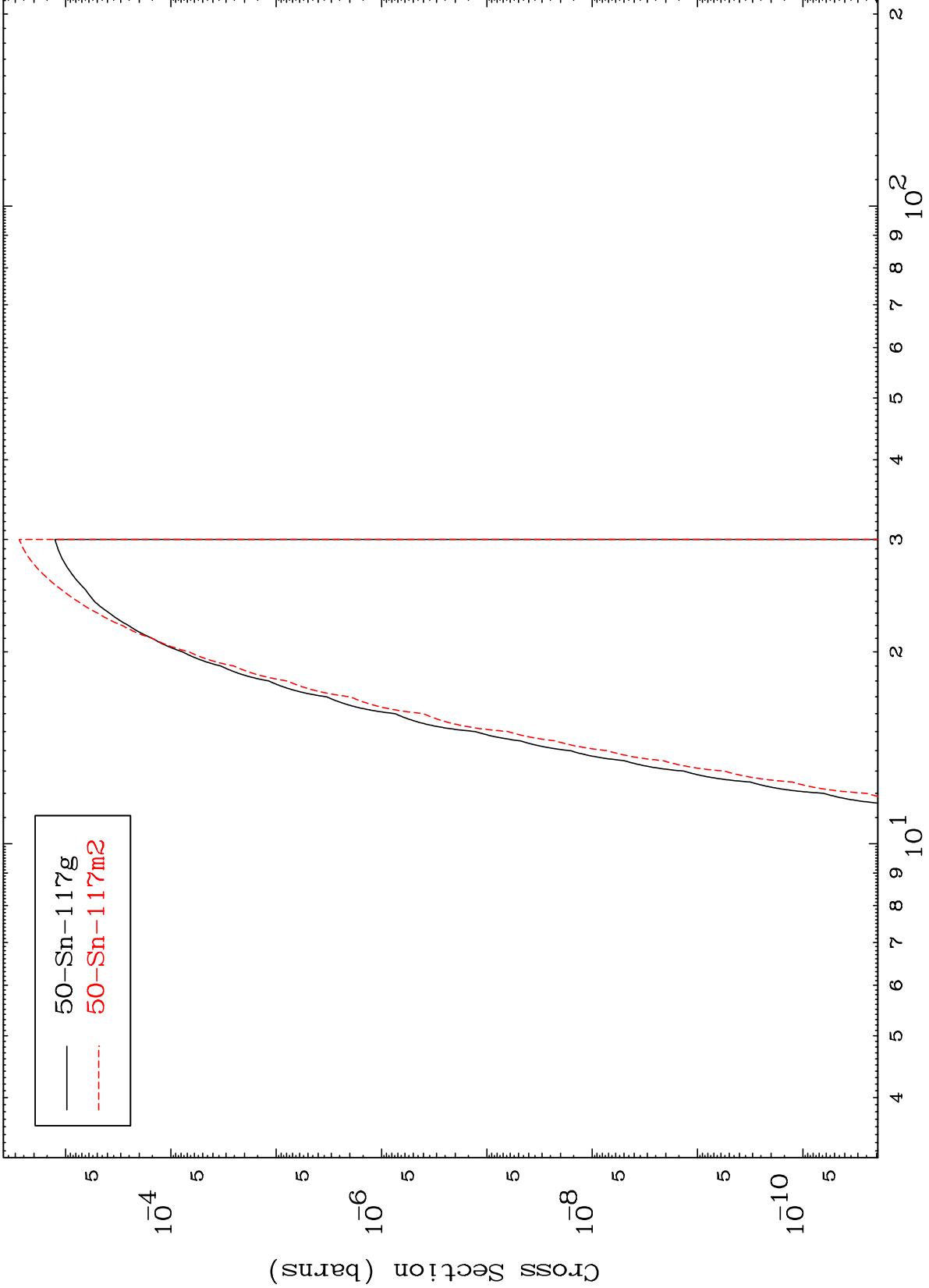
52-Te-119m

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(n,He-3)

52-Te-119m

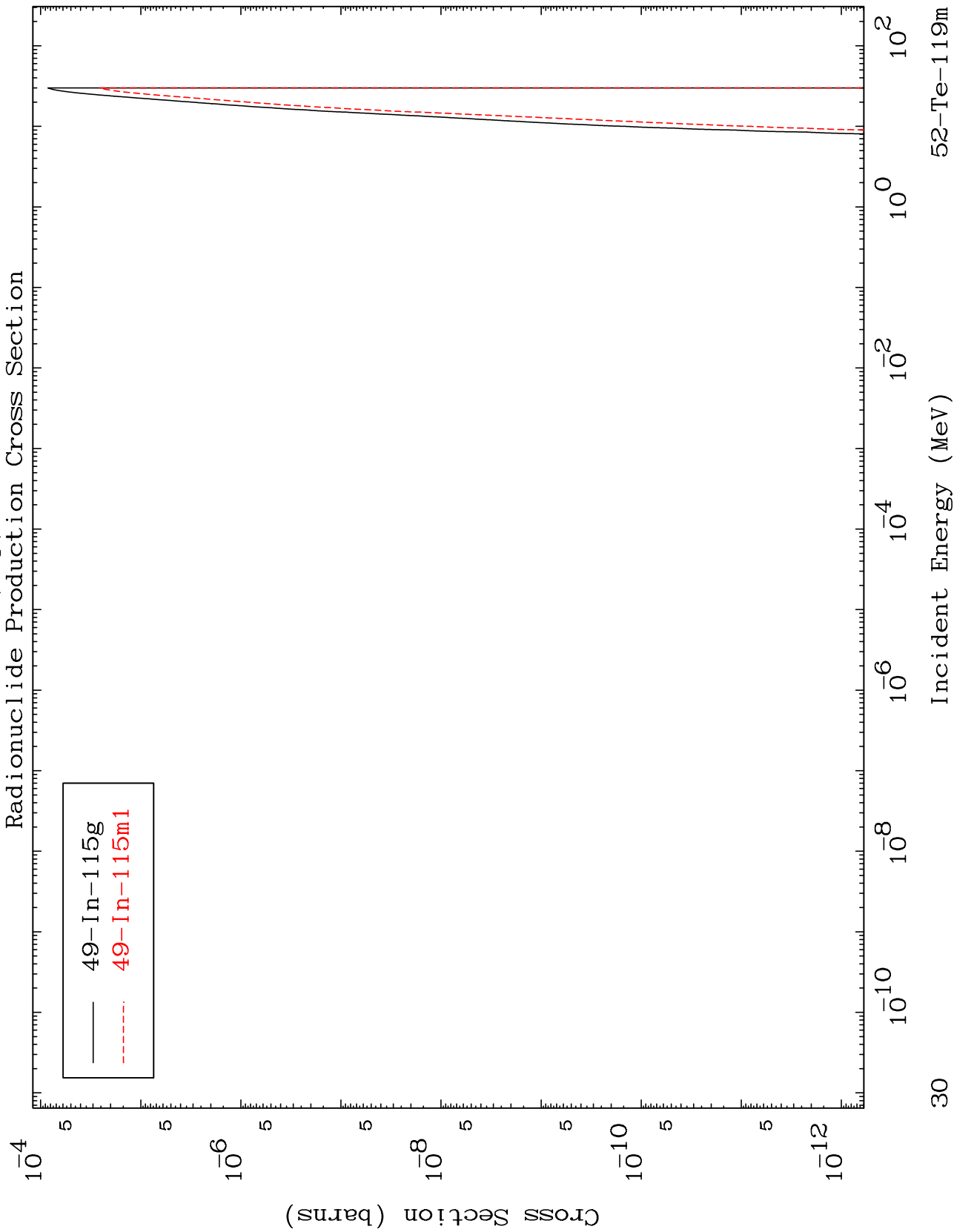
Radionuclide Production Cross Section



MAT 5223

(n,p)  $\alpha$

52-Te-119m

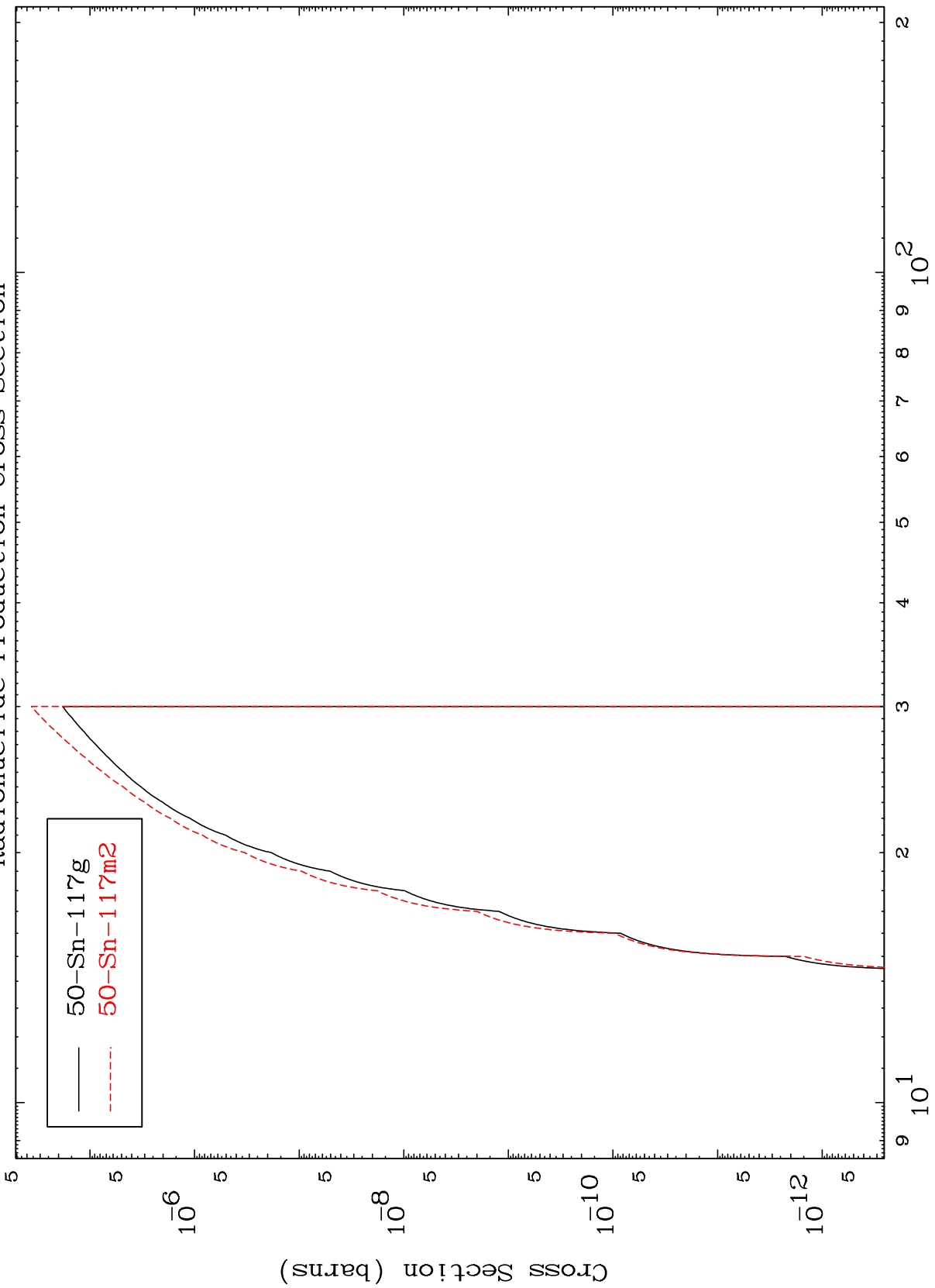


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(n,p) d

52-Te-119m

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-119m

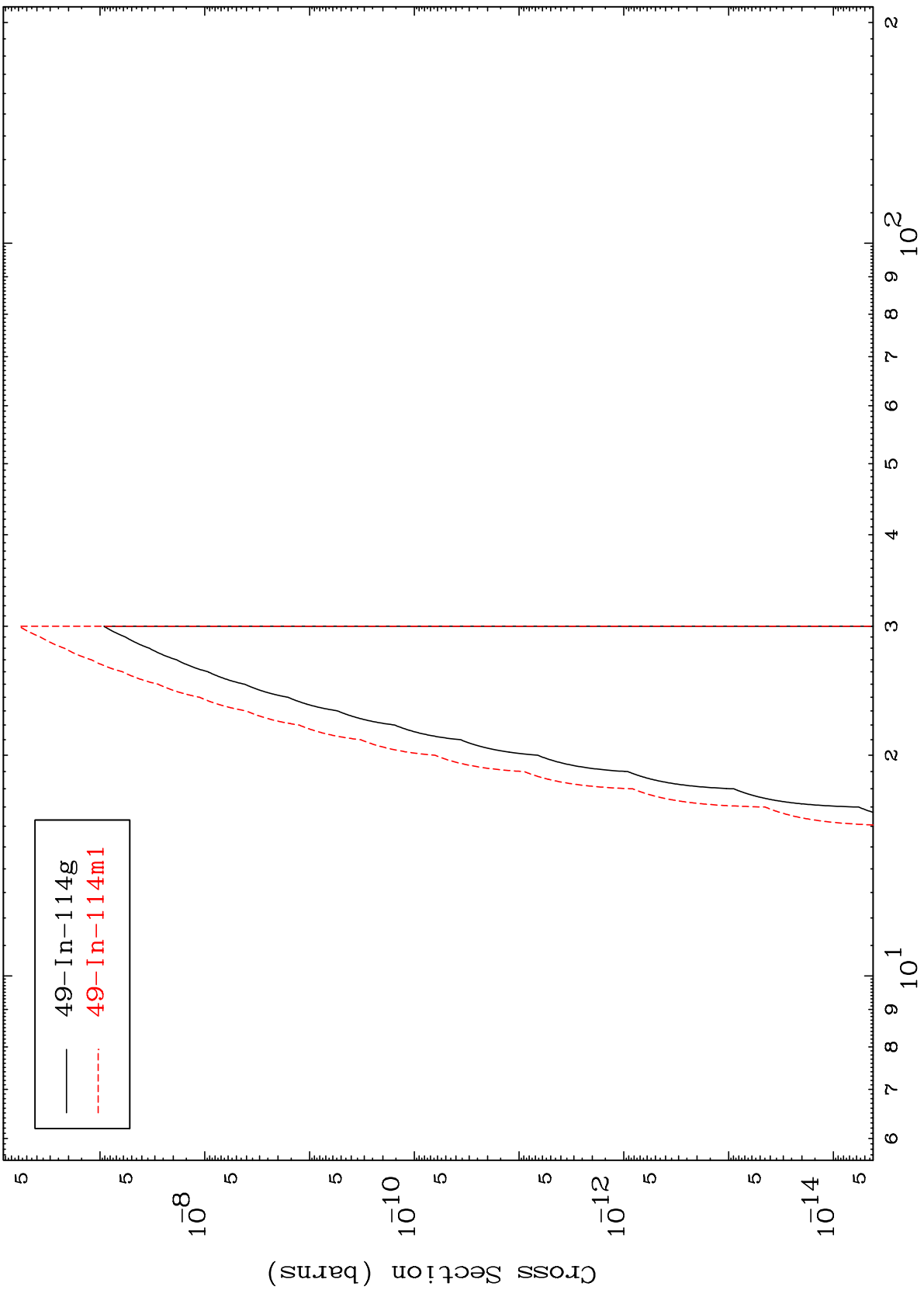
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52-Te-119m

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



32

Incident Energy (MeV)

52-Te-119m