

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

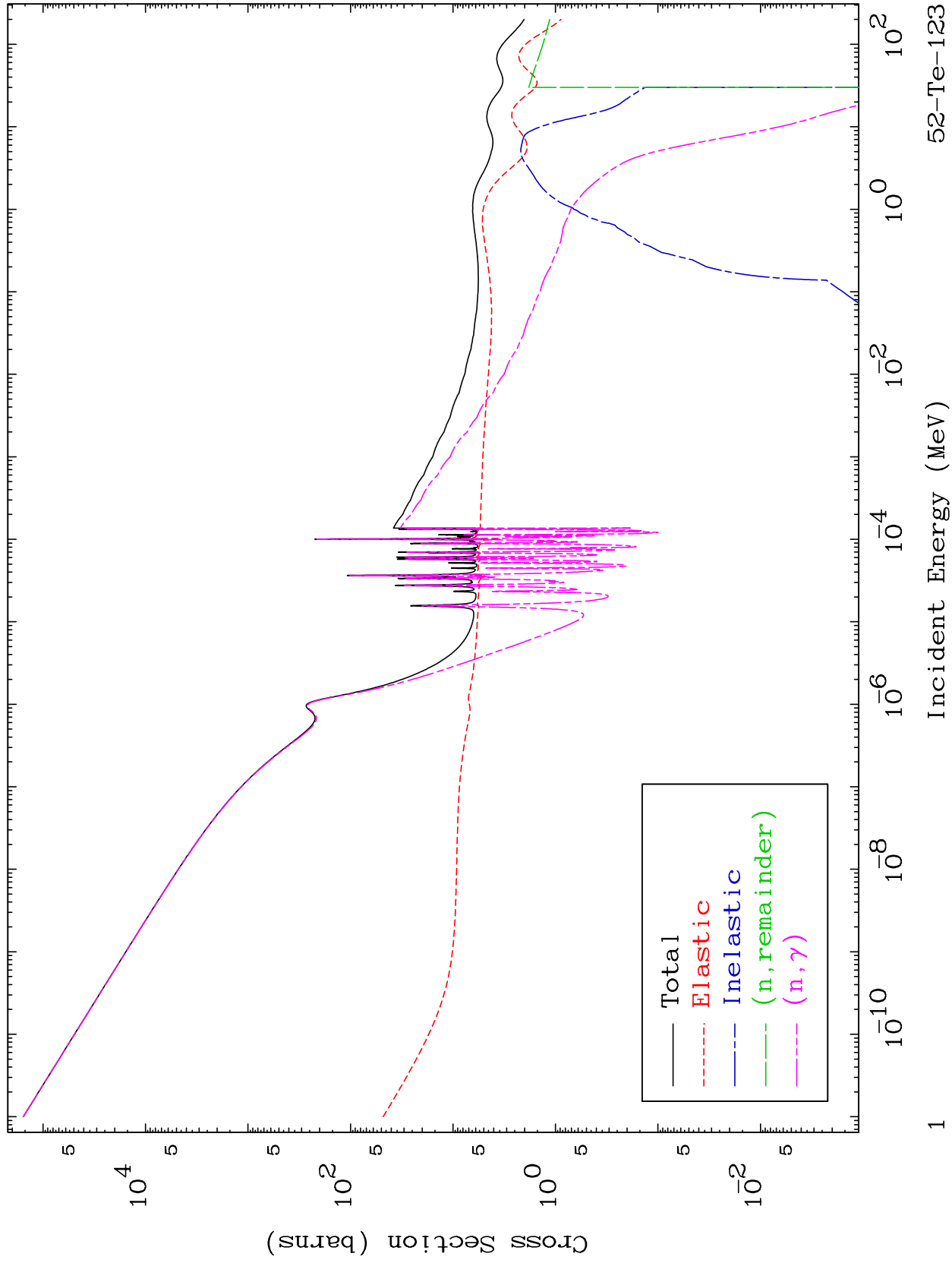
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5235

Major  
293 Kelvin Cross Sections

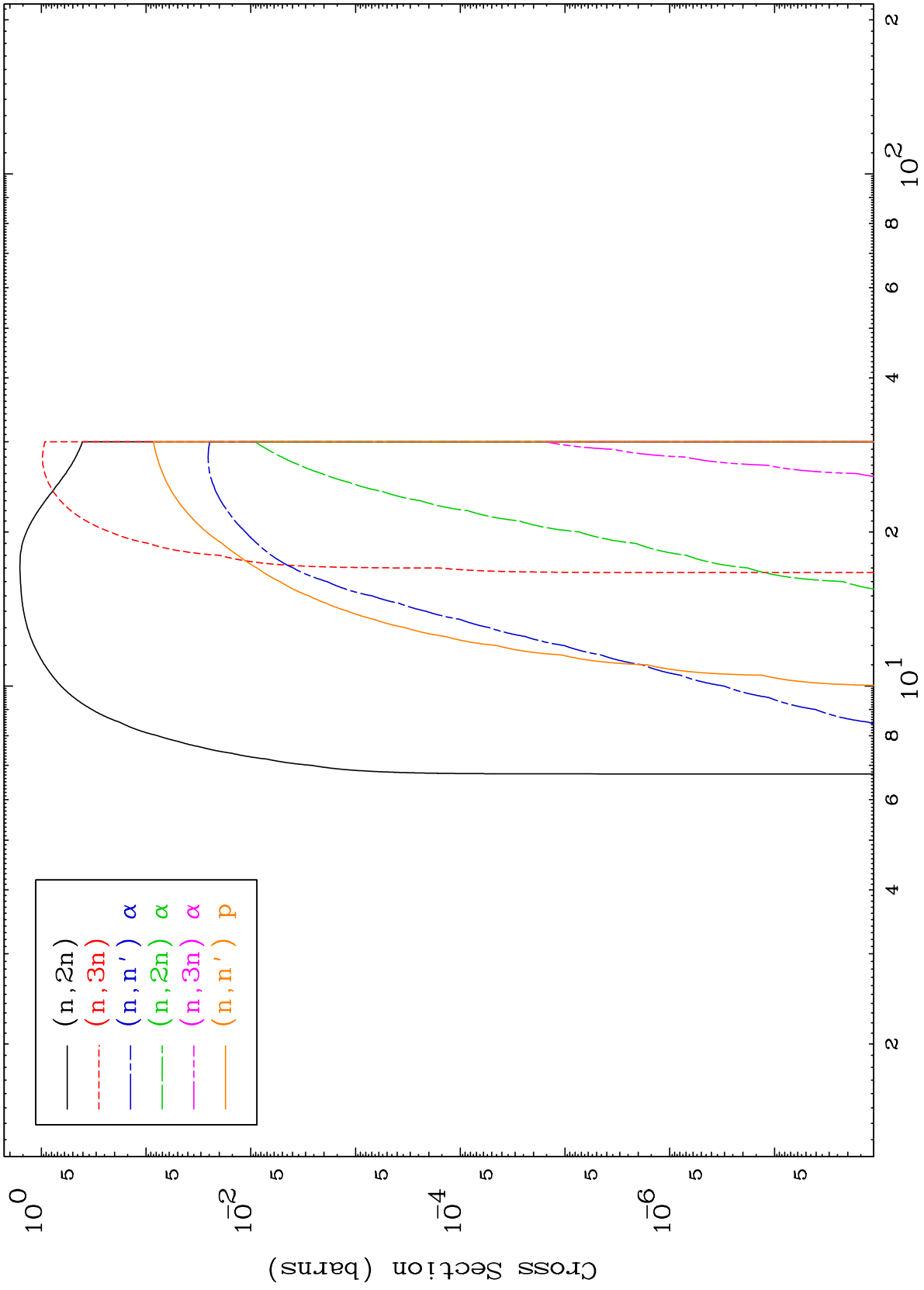
52-Te-123



MAT 5235

Neutron Production  
293 Kelvin Cross Sections

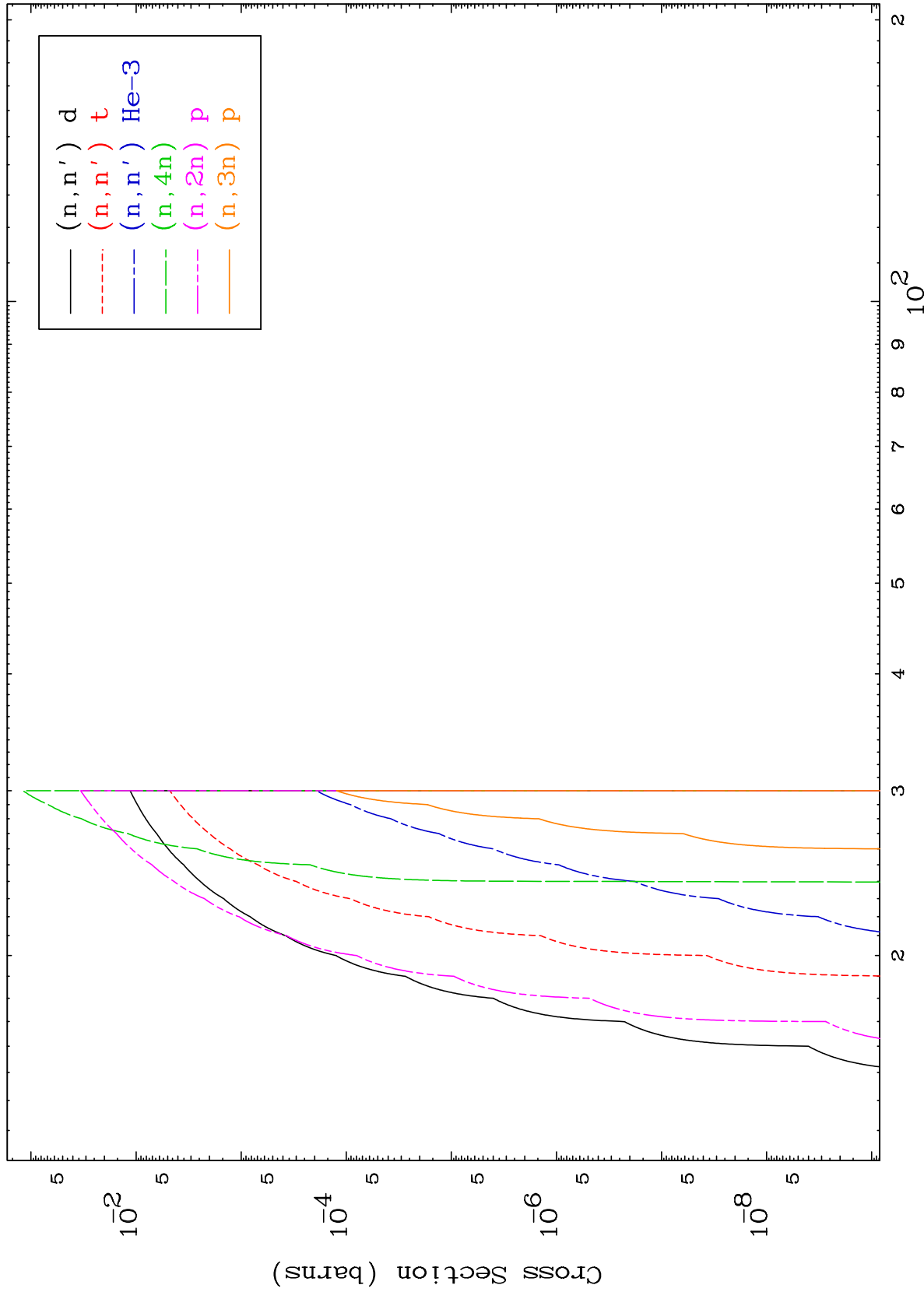
52-Te-123



2

Incident Energy (MeV)

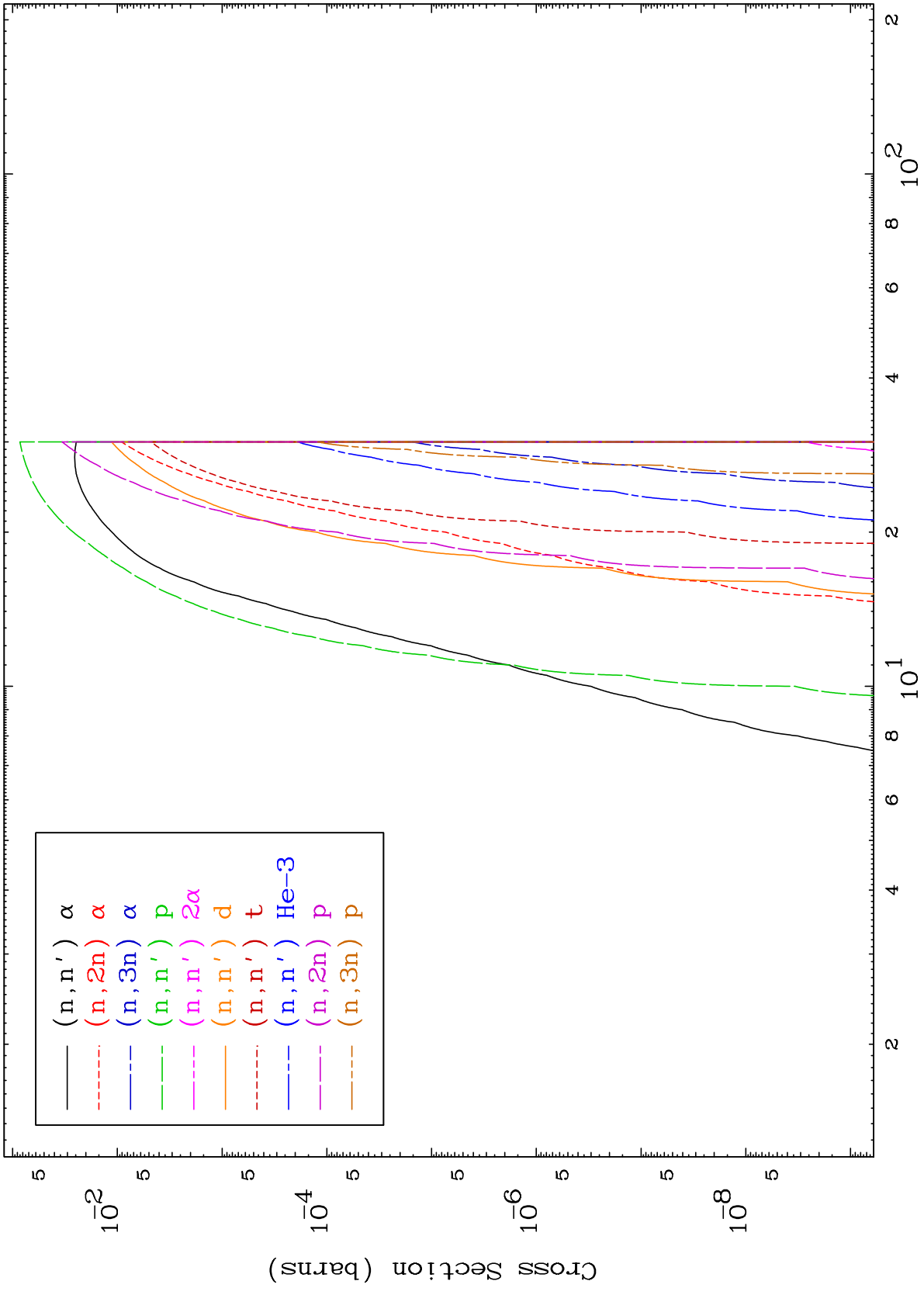
52-Te-123



MAT 5235

293 Kelvin Cross Sections

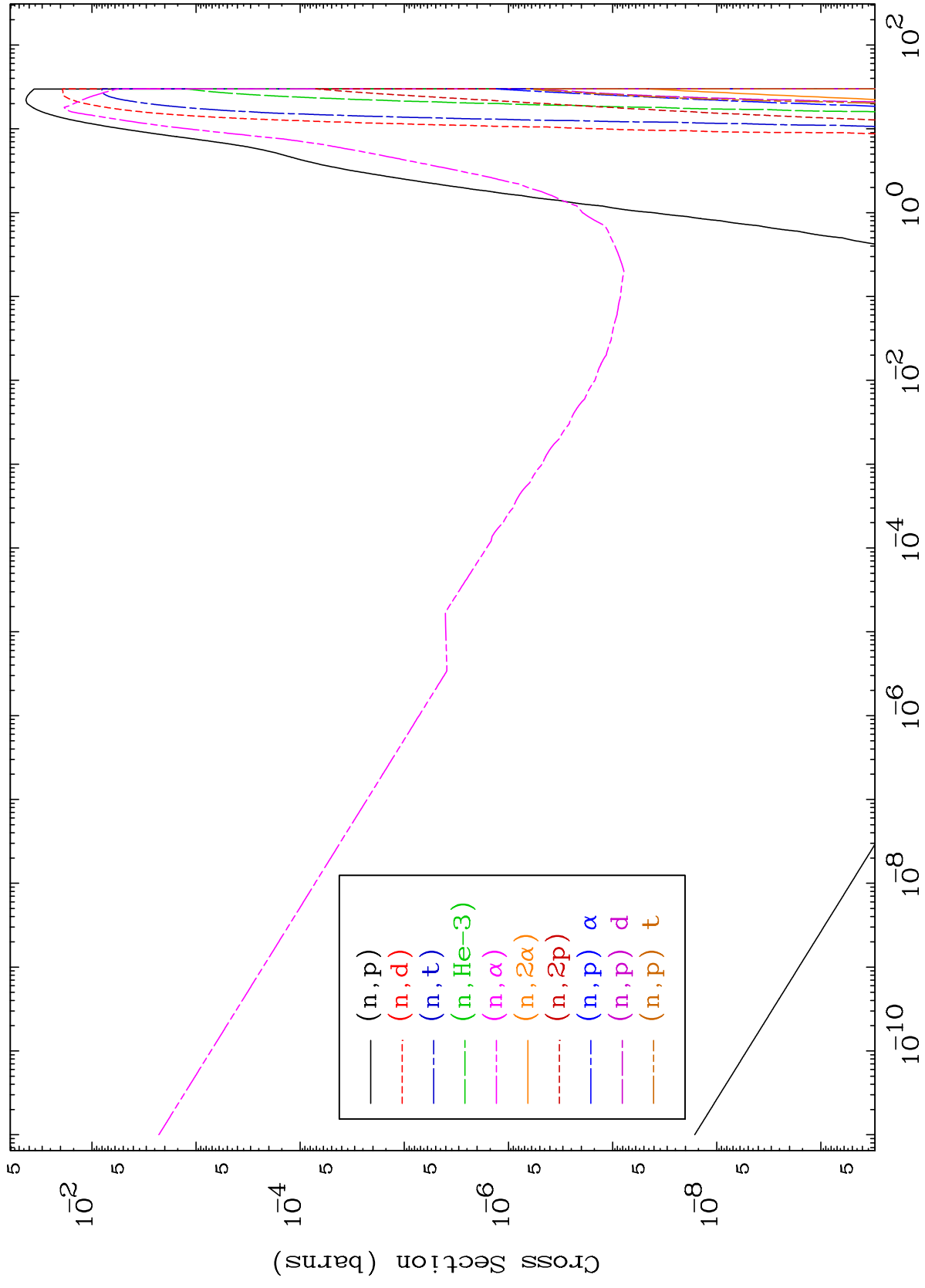
52-Te-123



MAT 5235

293 Kelvin Cross Sections

52-Te-123



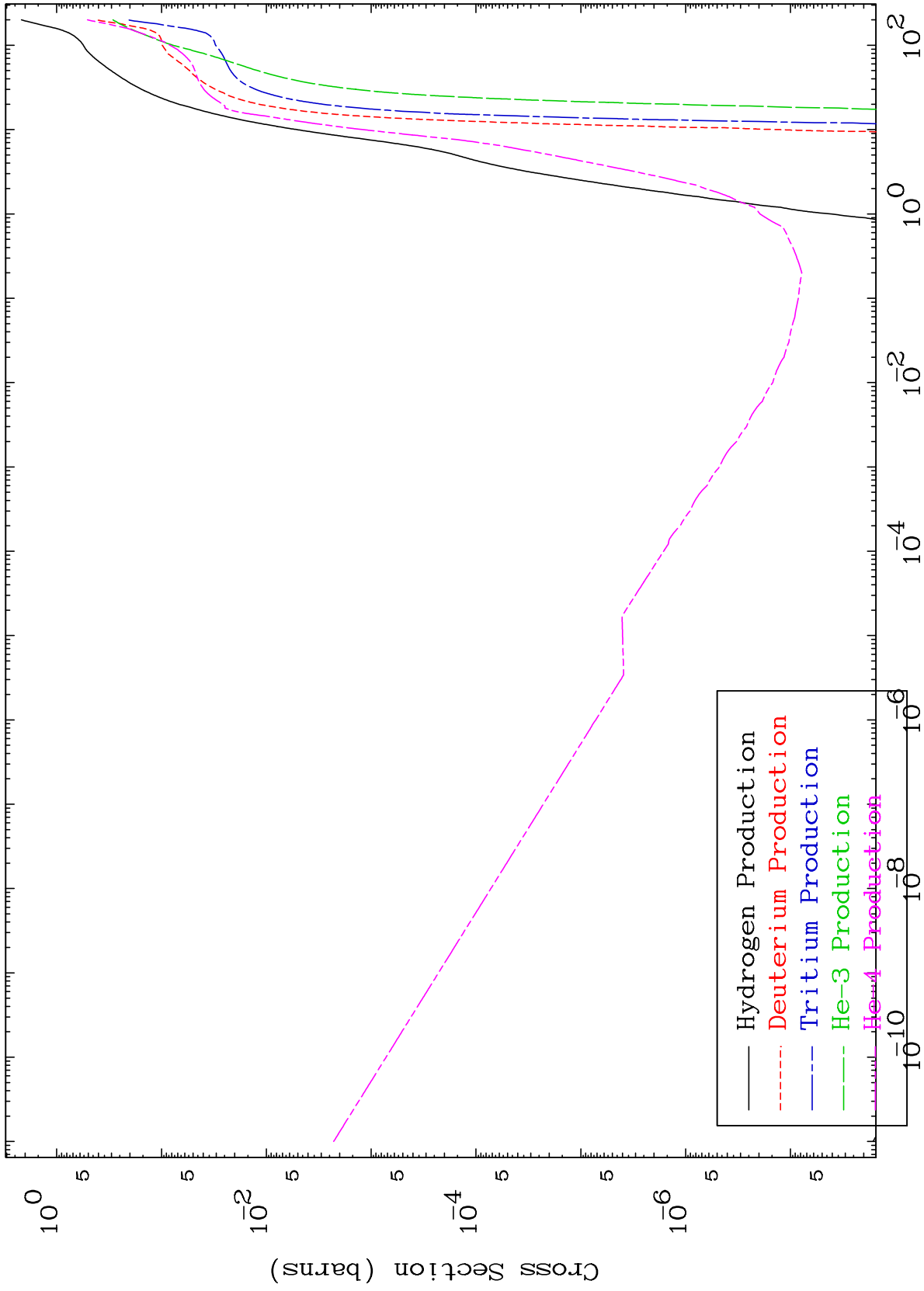
5

52-Te-123

MAT 5235

Particle Production  
293 Kelvin Cross Sections

52-Te-123



6

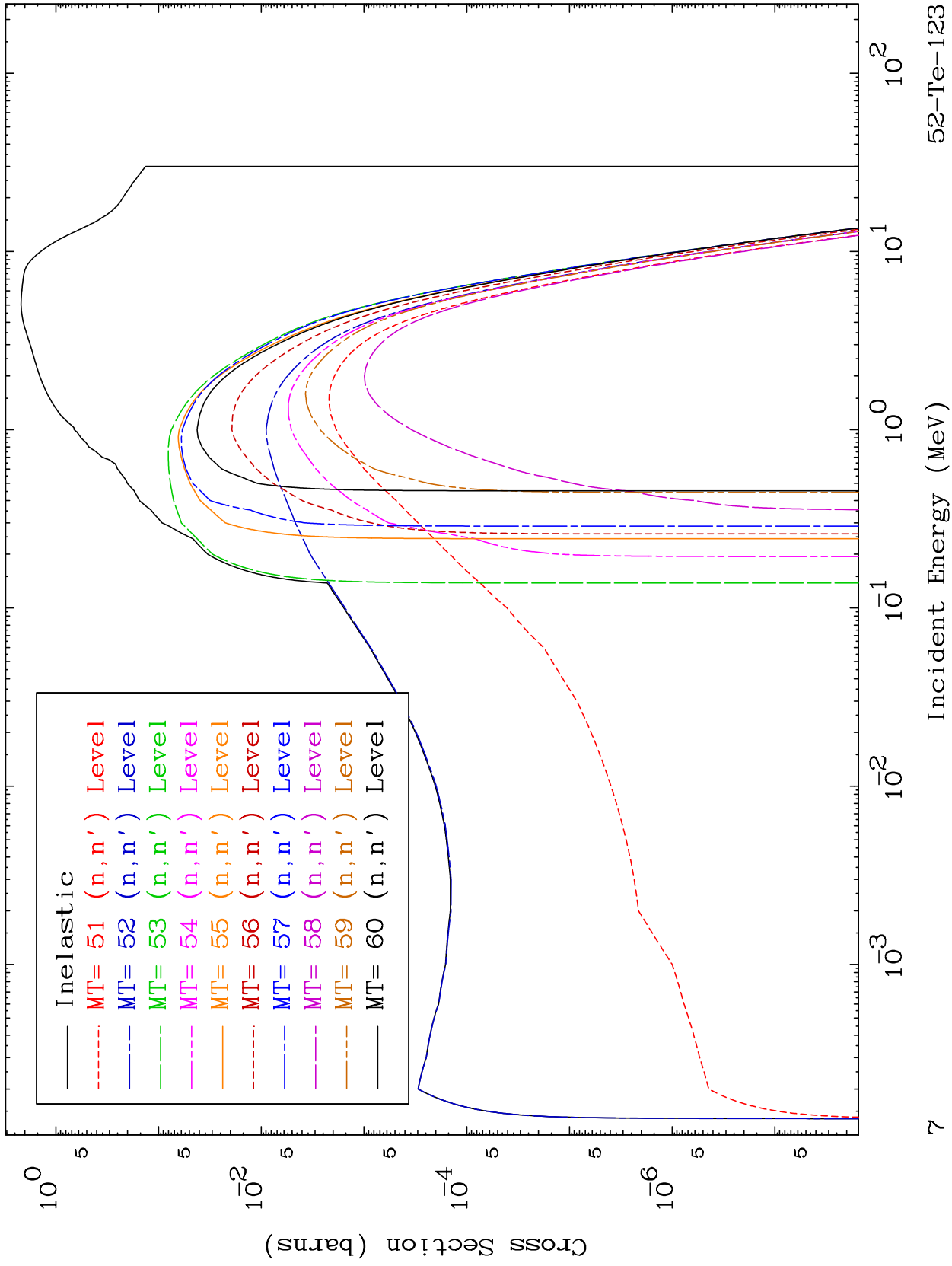
Incident Energy (MeV)

52-Te-123

MAT 5235

293 Kelvin Cross Sections

52-Te-123

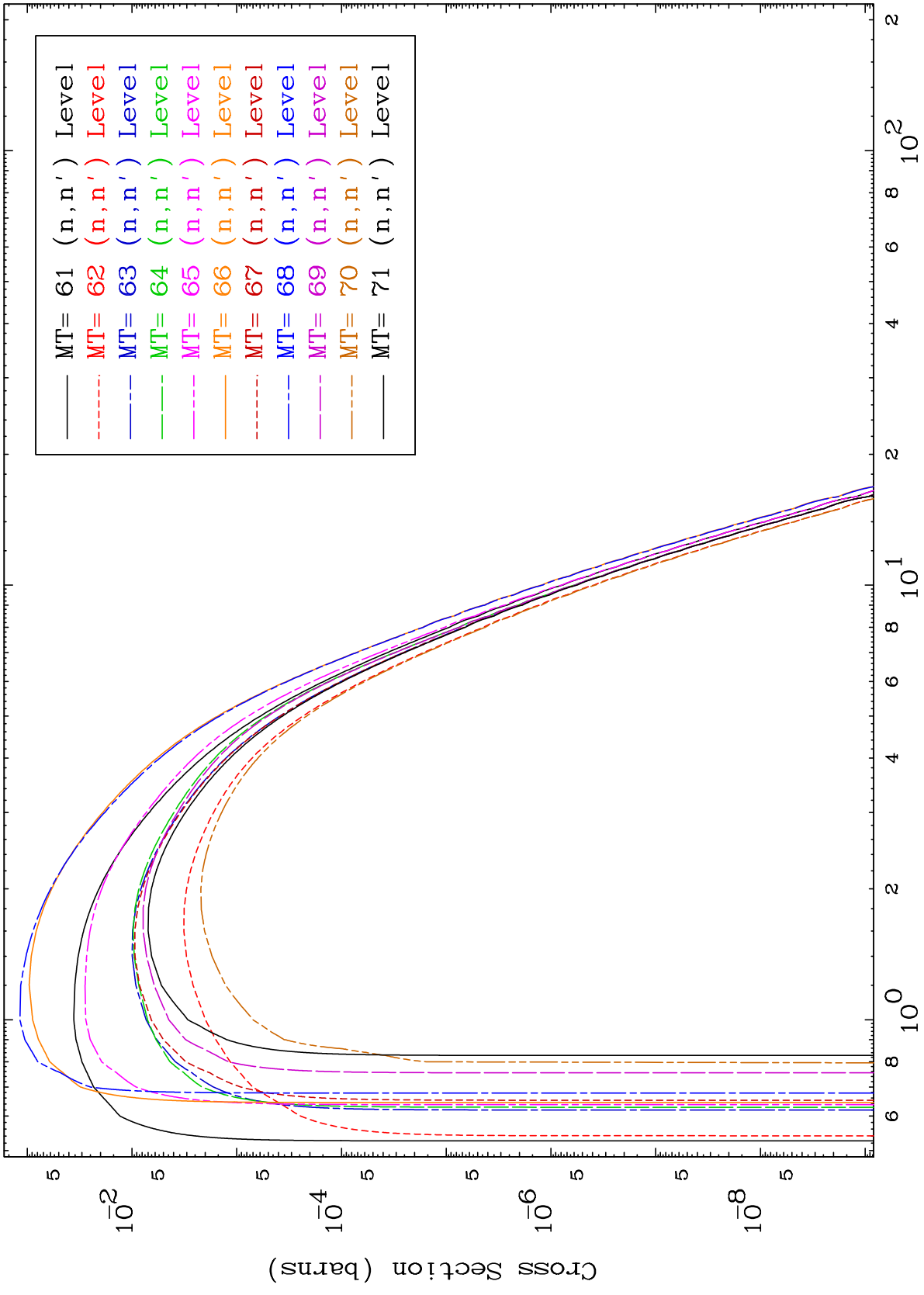


MAT 5235

(n,n') Level

52-Te-123

293 Kelvin Cross Sections



8

Incident Energy (MeV)

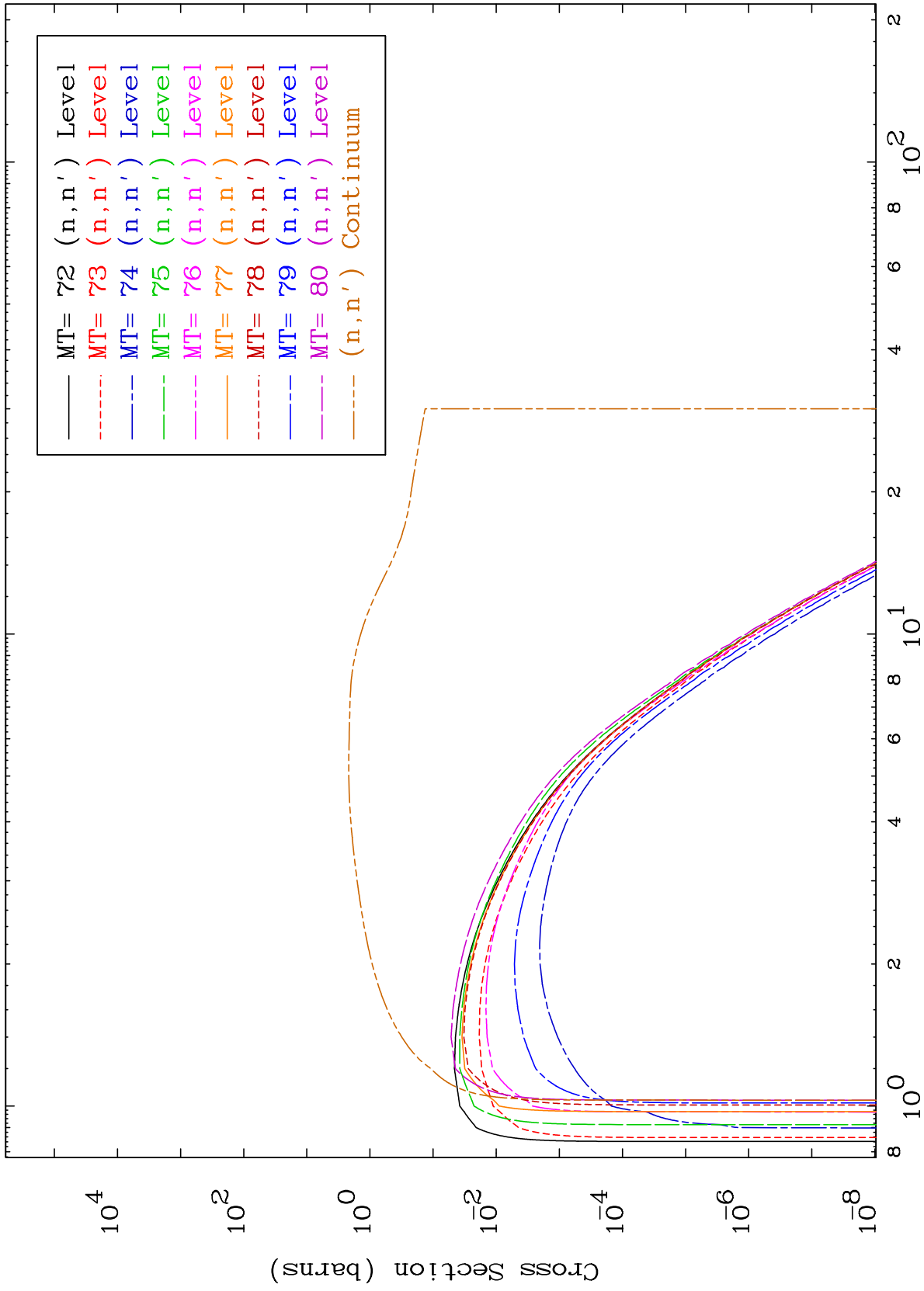
52-Te-123

MAT 5235

(n,n') Level

52-Te-123

293 Kelvin Cross Sections



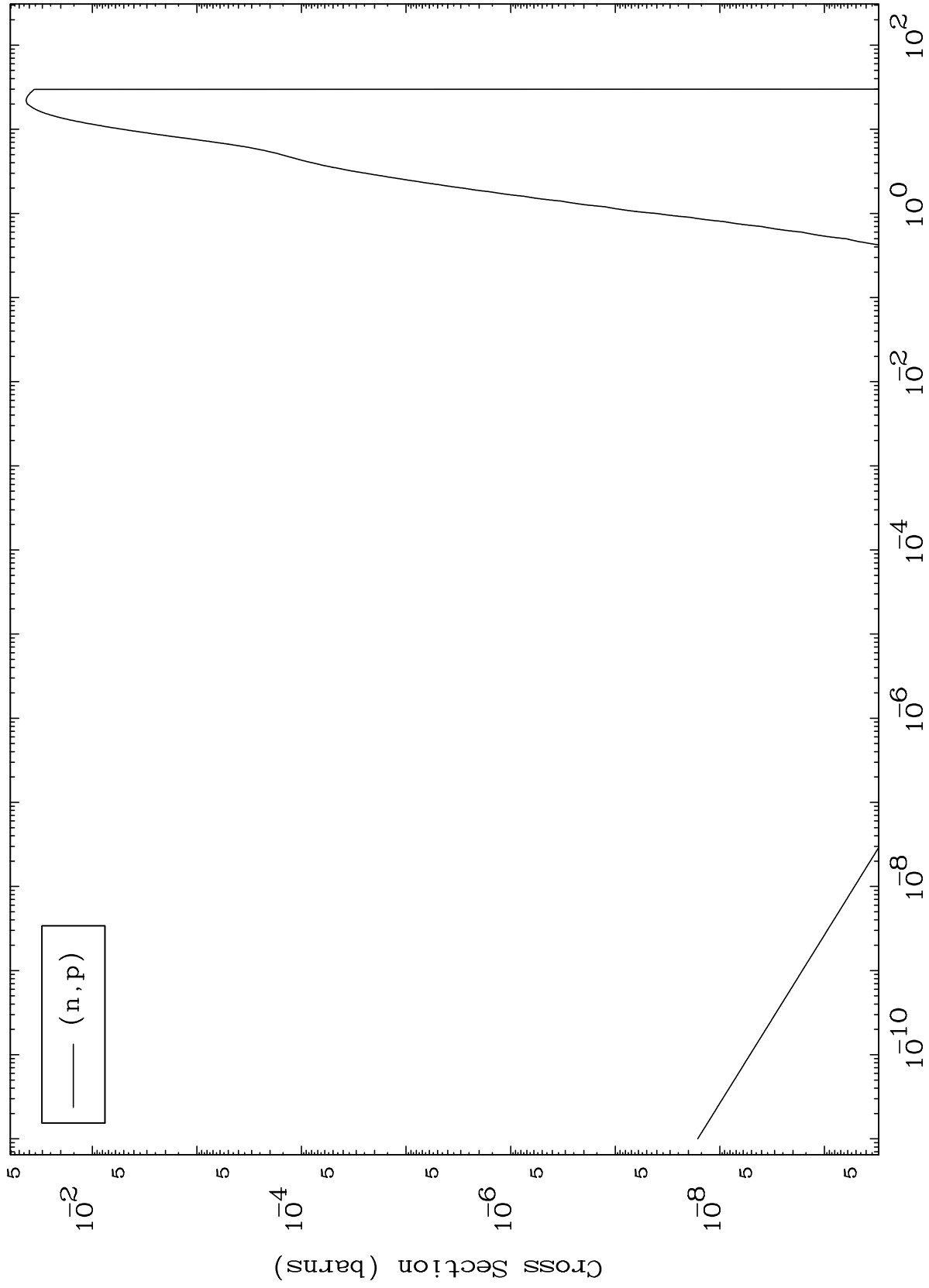
Incident Energy (MeV)

52-Te-123

MAT 5235

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-123



10

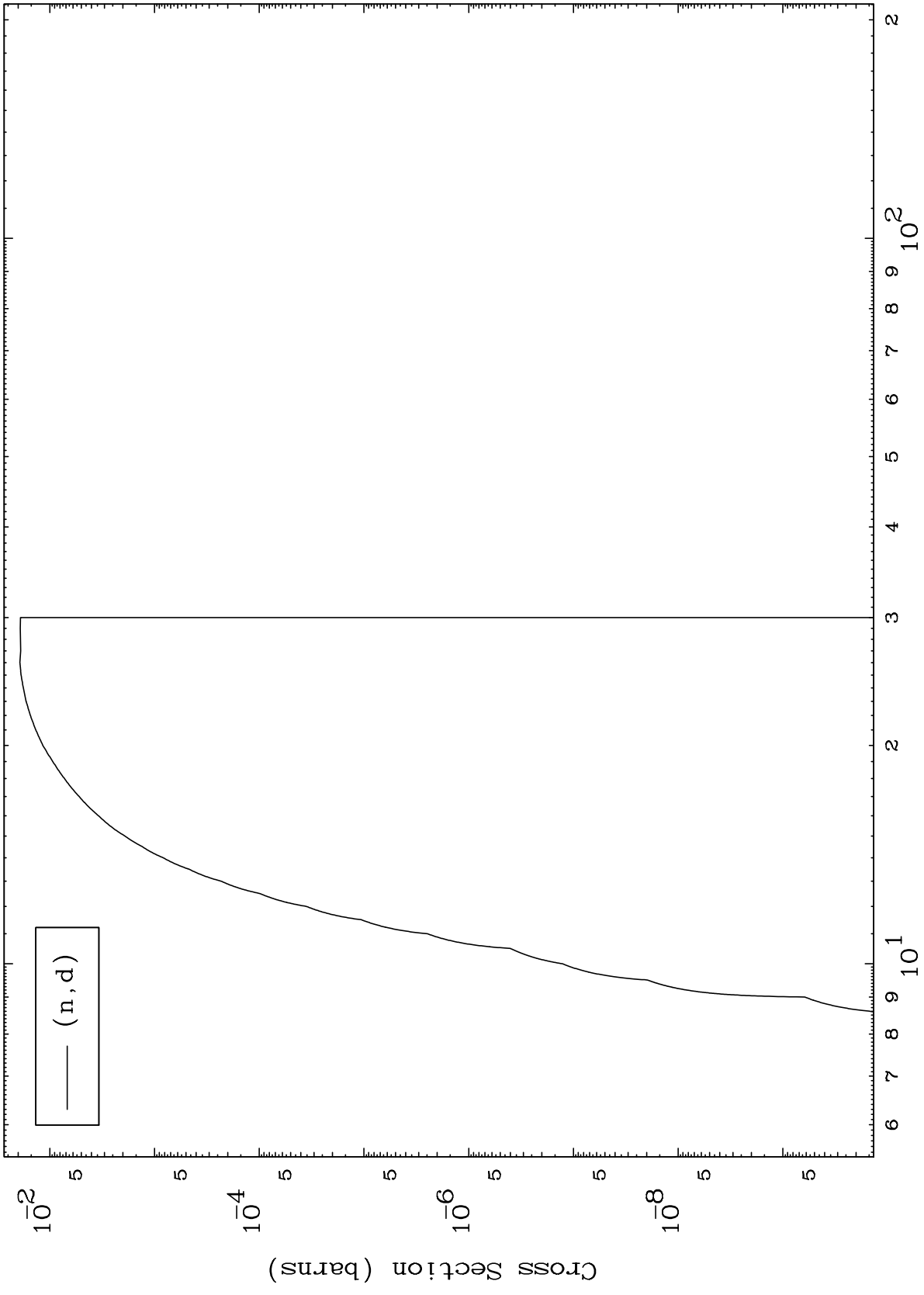
Incident Energy (MeV)

52-Te-123

MAT 5235

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-123

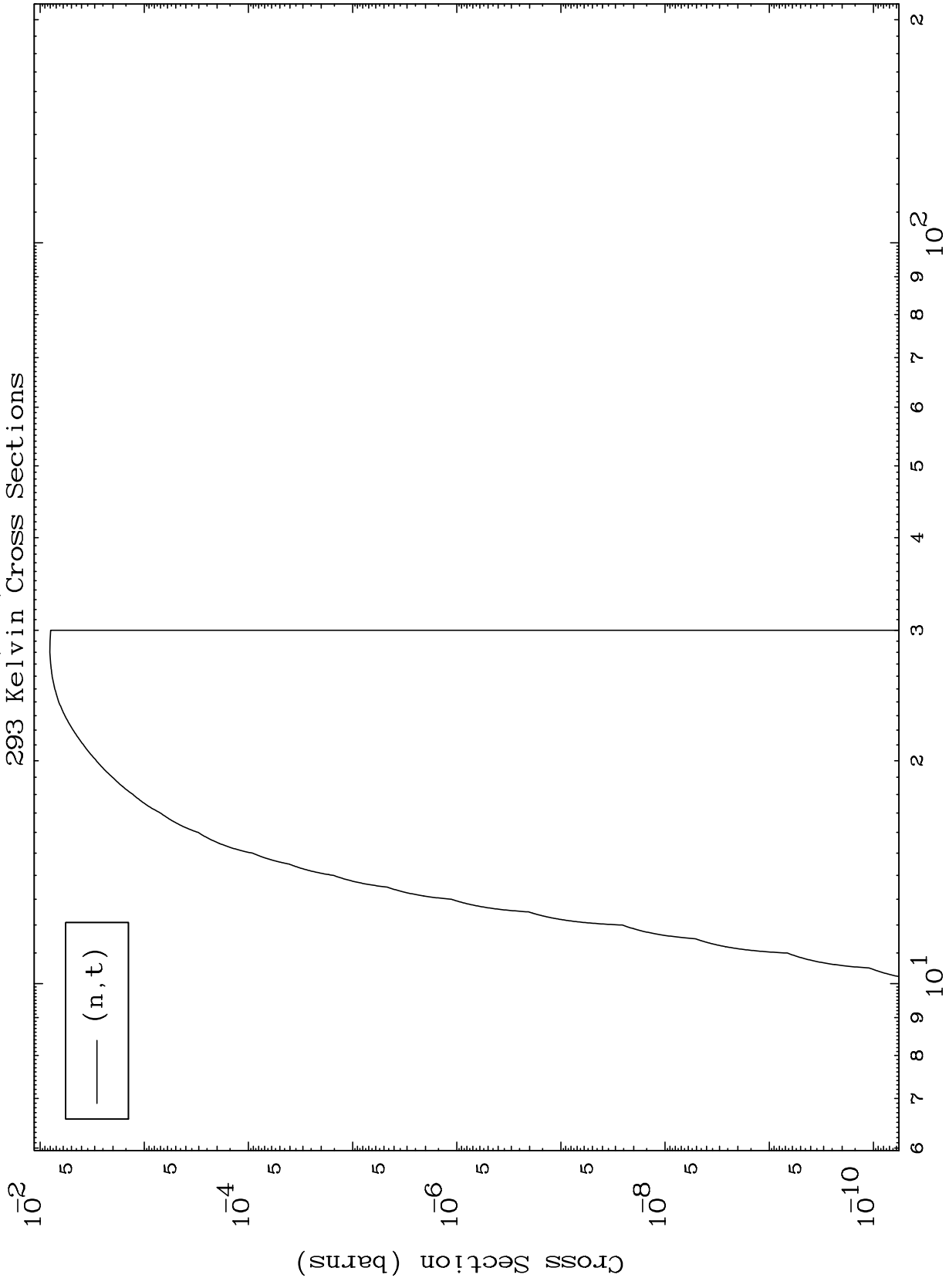


52-Te-123

MAT 5235

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-123



12

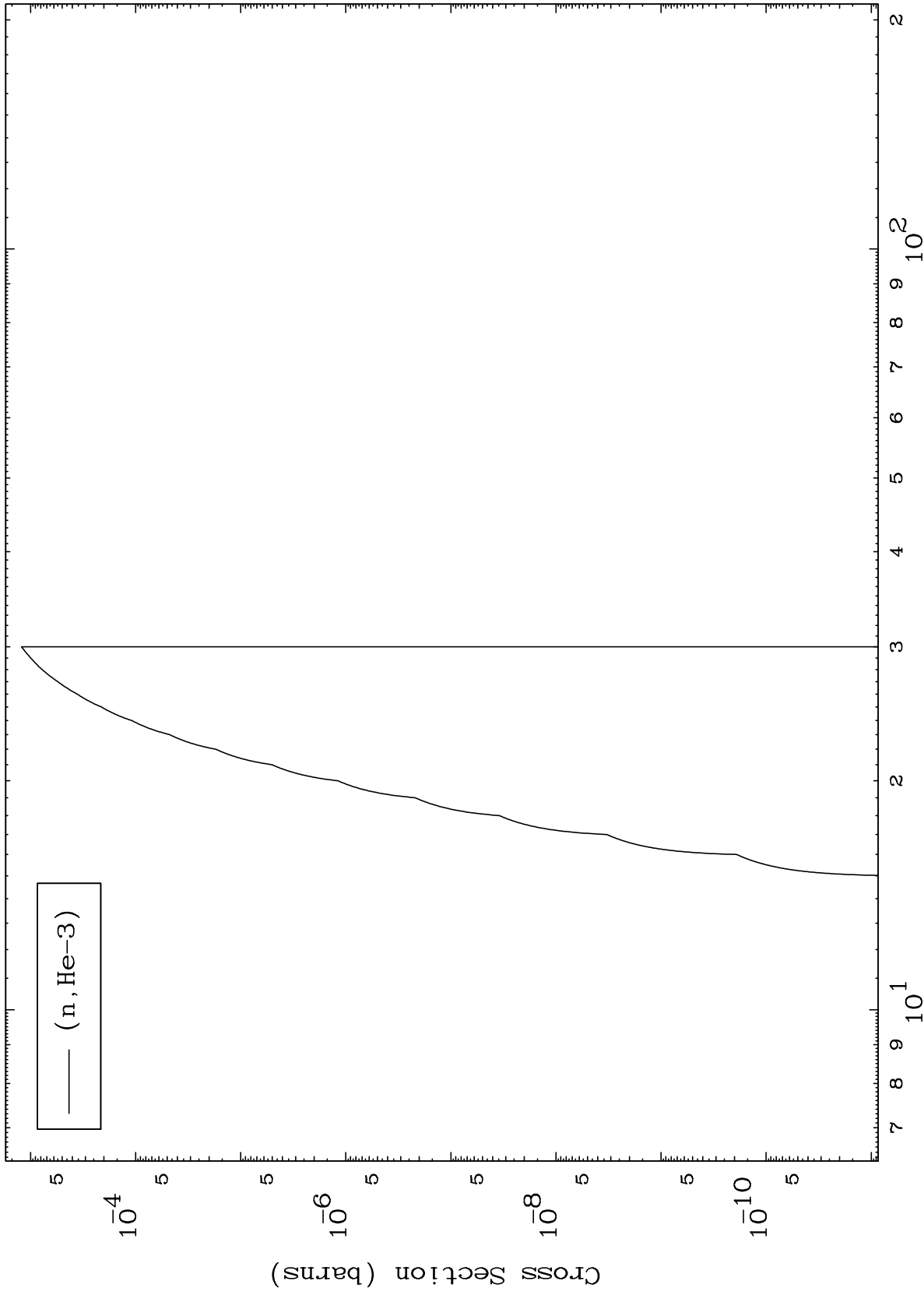
Incident Energy (MeV)

52-Te-123

MAT 5235

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-123



13

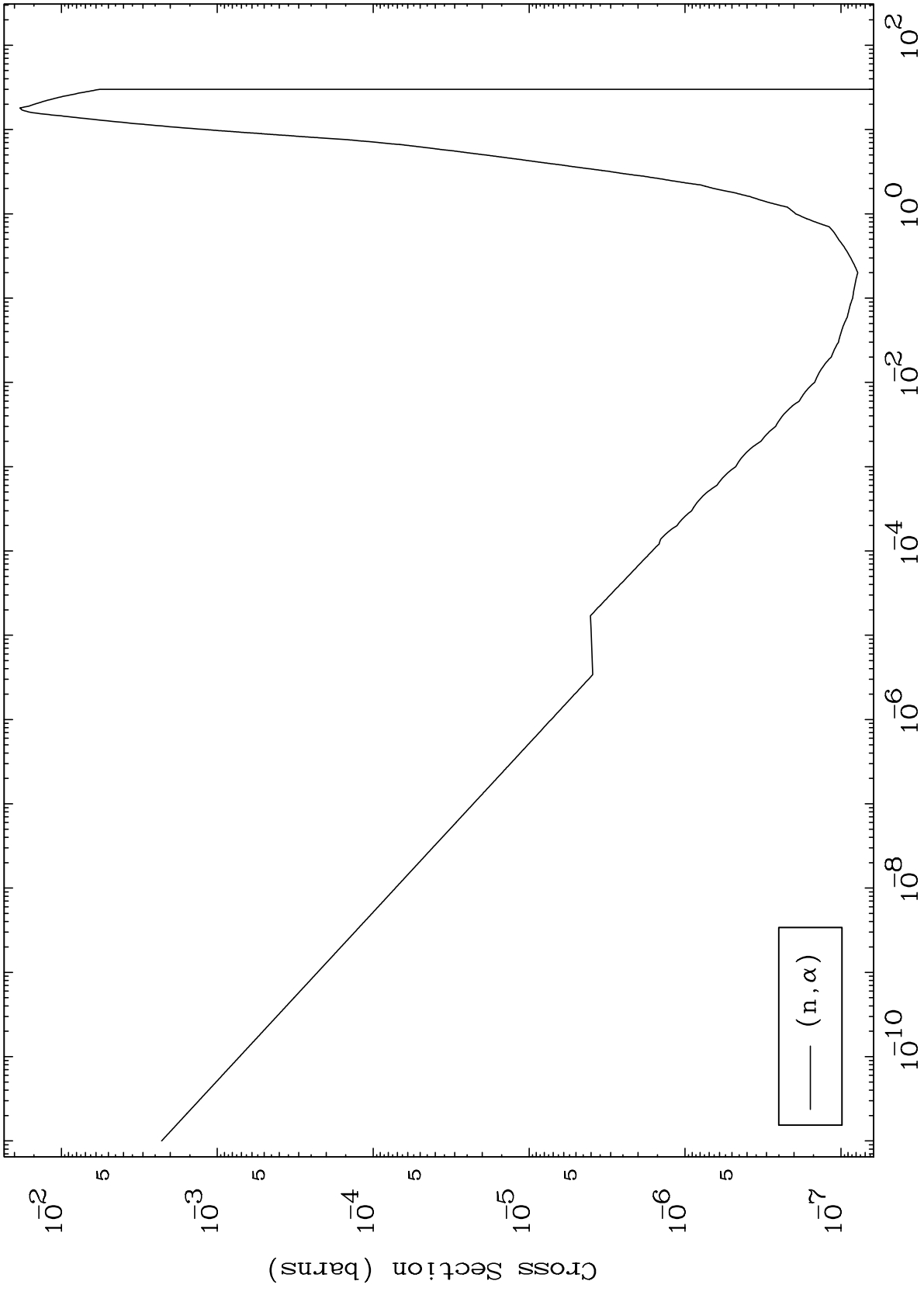
Incident Energy (MeV)

52-Te-123

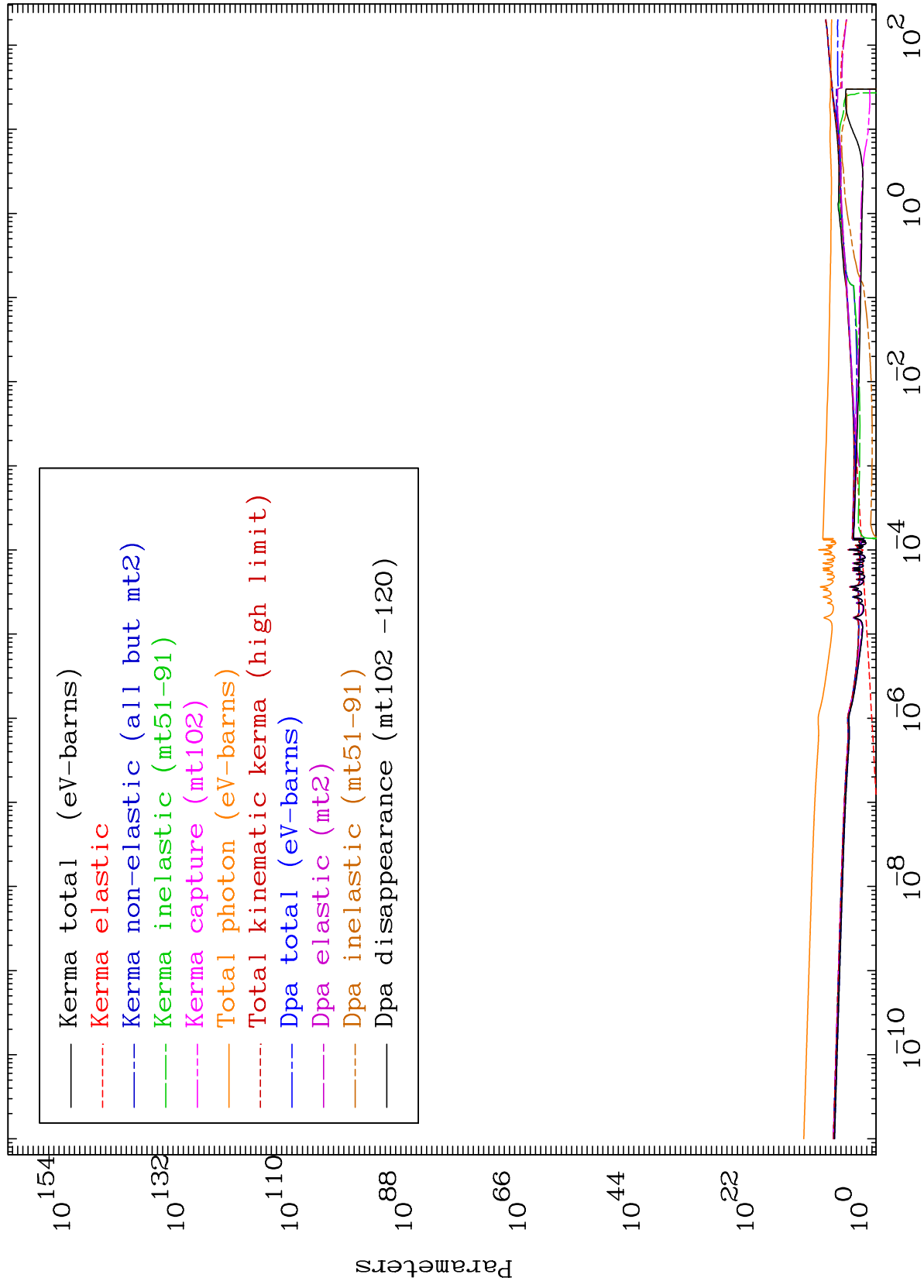
MAT 5235

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

52-Te-123



— (n,  $\alpha$ )

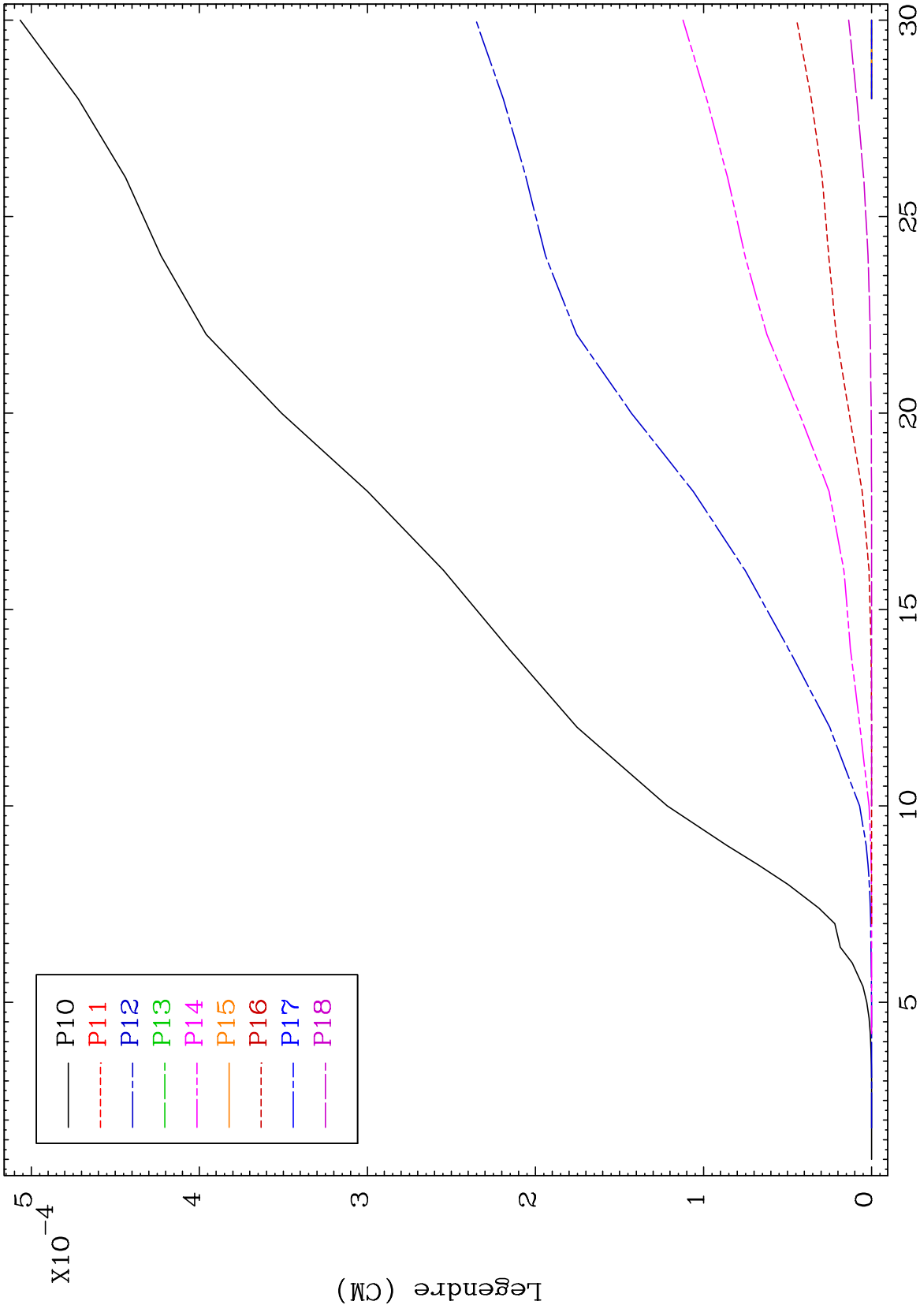




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Elastic Legendre Coefficients

52-Te-123



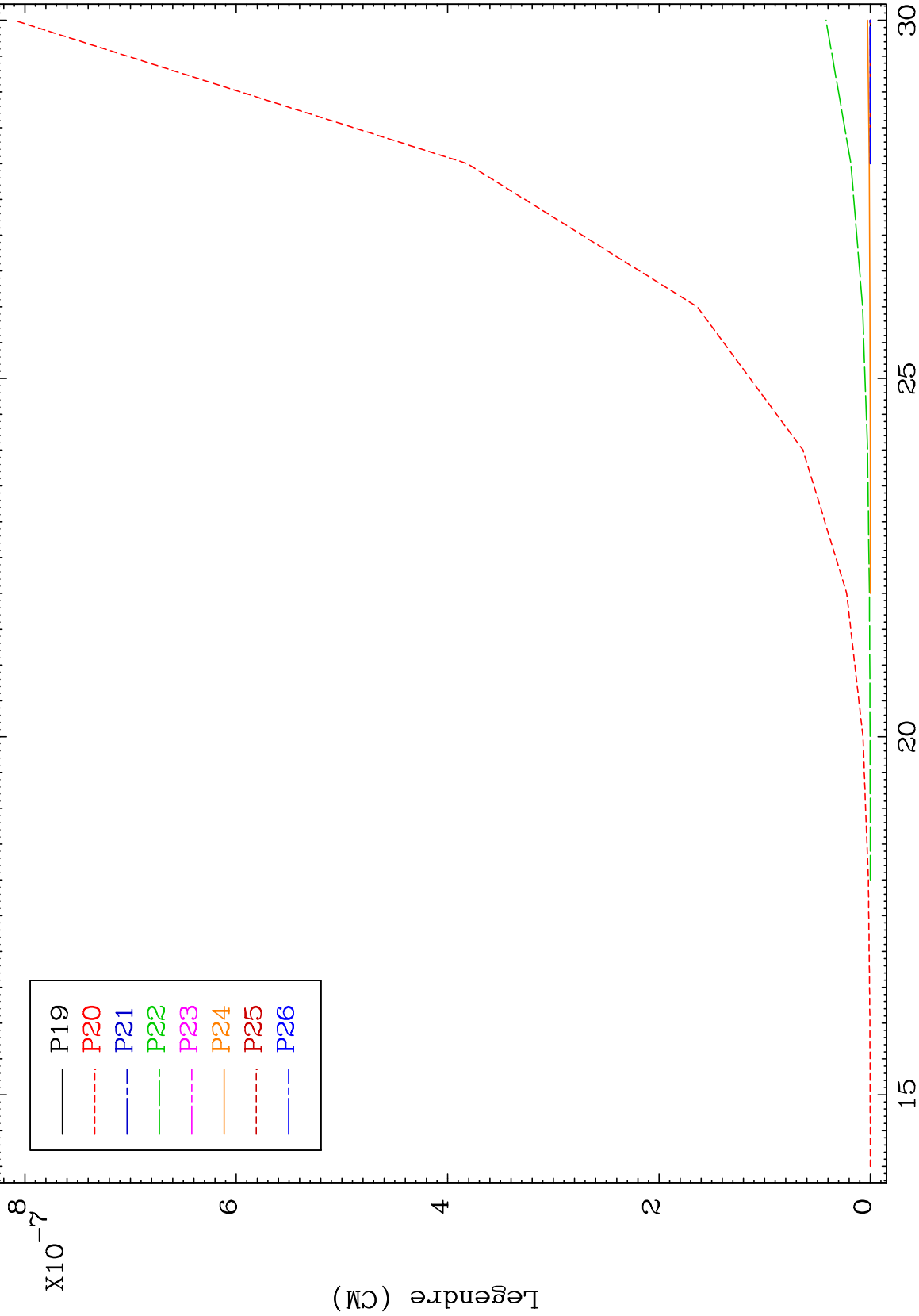
17

52-Te-123

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Elastic Legendre Coefficients

52-Te-123



18

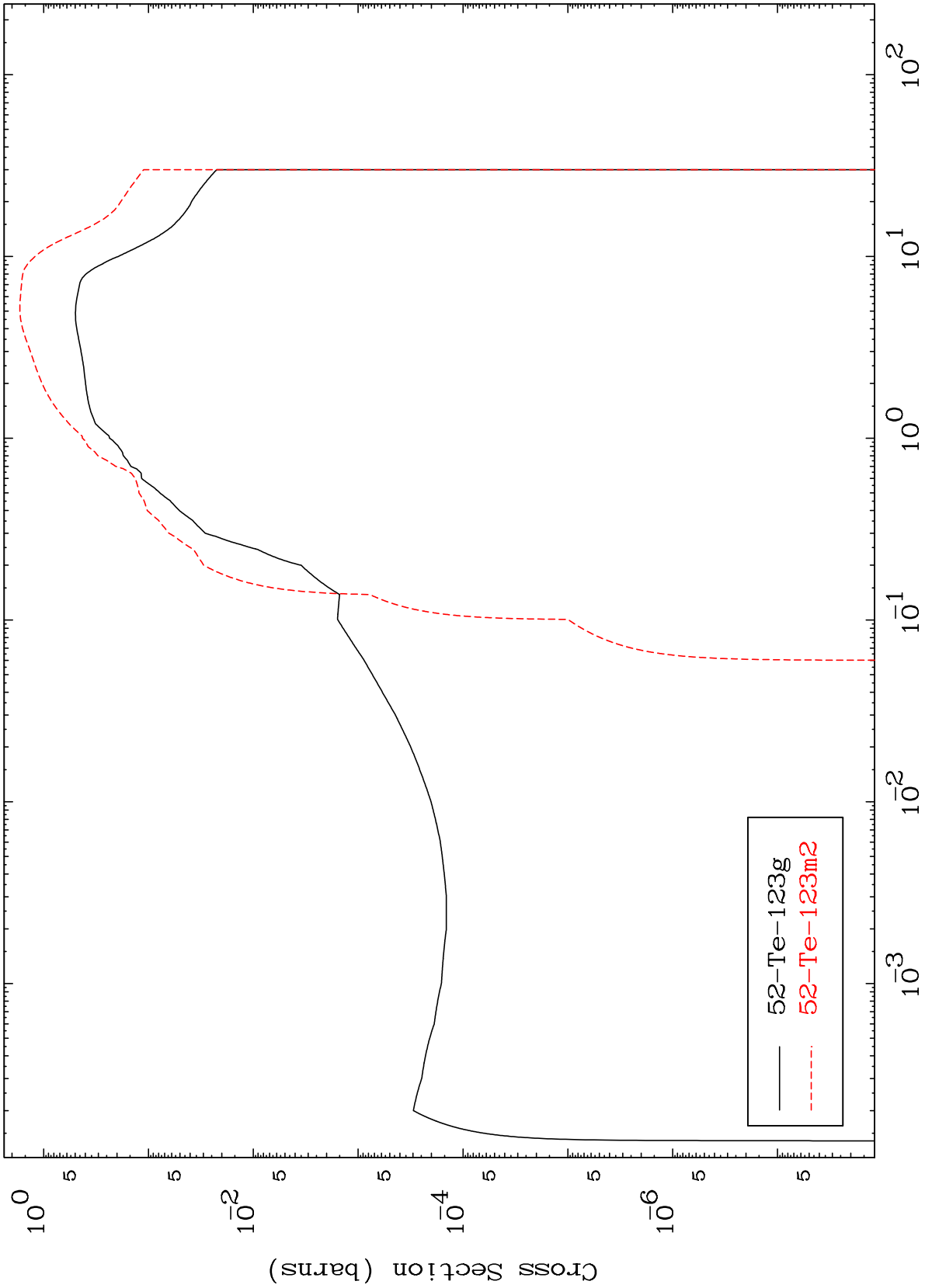
Incident Energy (MeV)

52-Te-123

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52-Te-123

Inelastic  
Radionuclide Production Cross Section

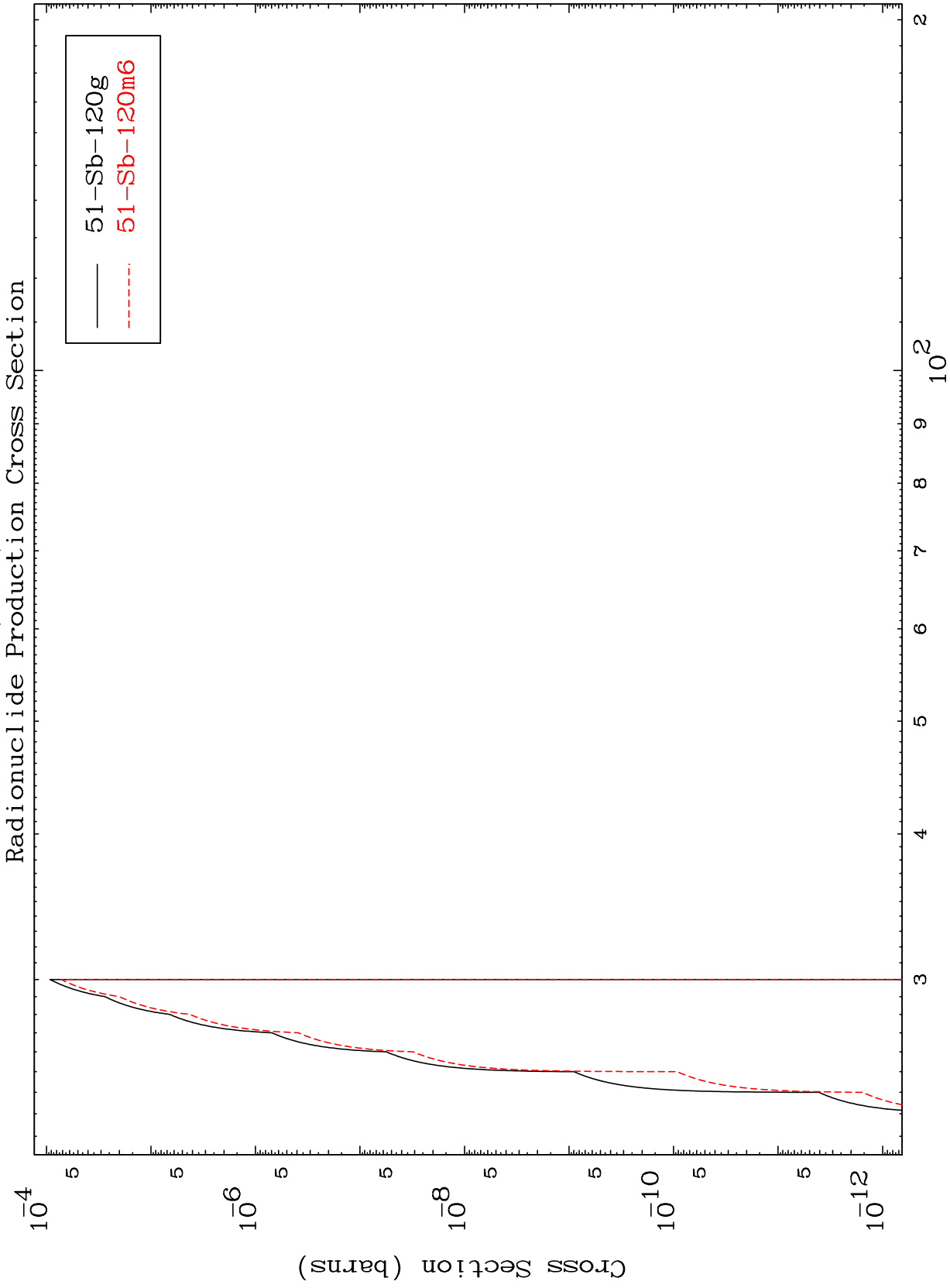


52-Te-123

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(n,2n) d

52-Te-123



20

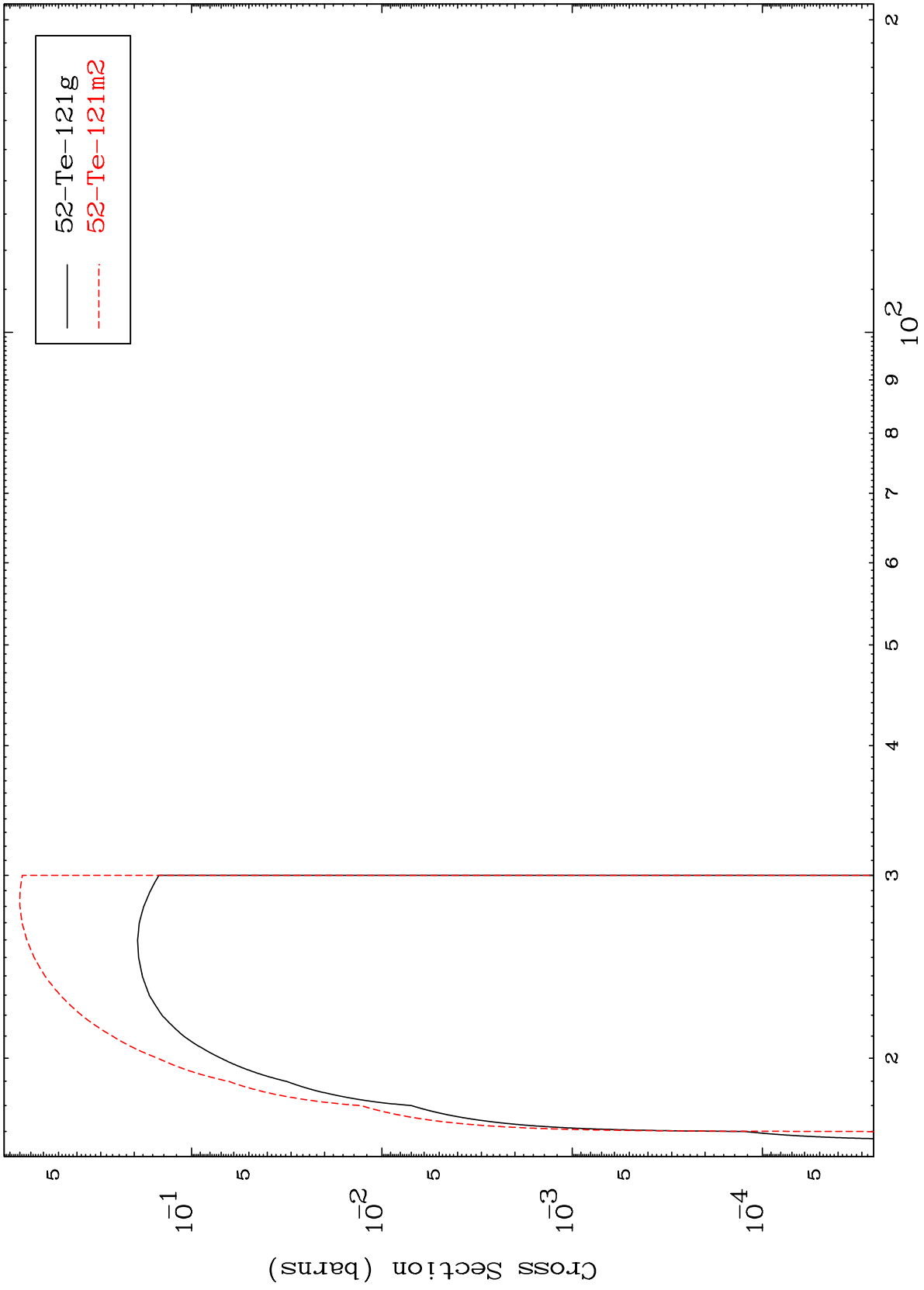
Incident Energy (MeV)

52-Te-123

MAT 5235

52-Te-123

(n,3n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

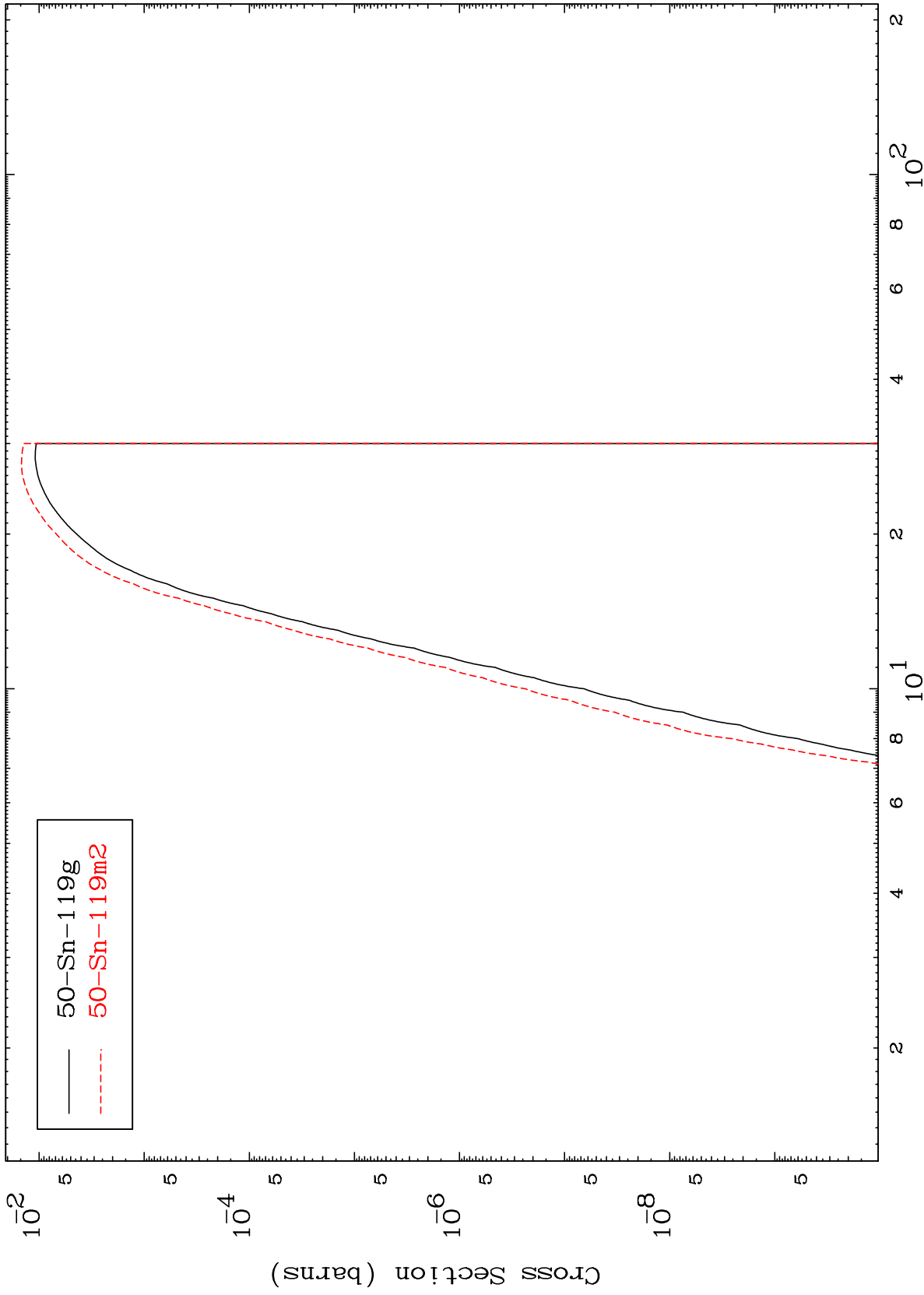
52-Te-123

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(n,n')  $\alpha$

52-Te-123

Radionuclide Production Cross Section



50-Sn-119g  
50-Sn-119m2

22

Incident Energy (MeV)

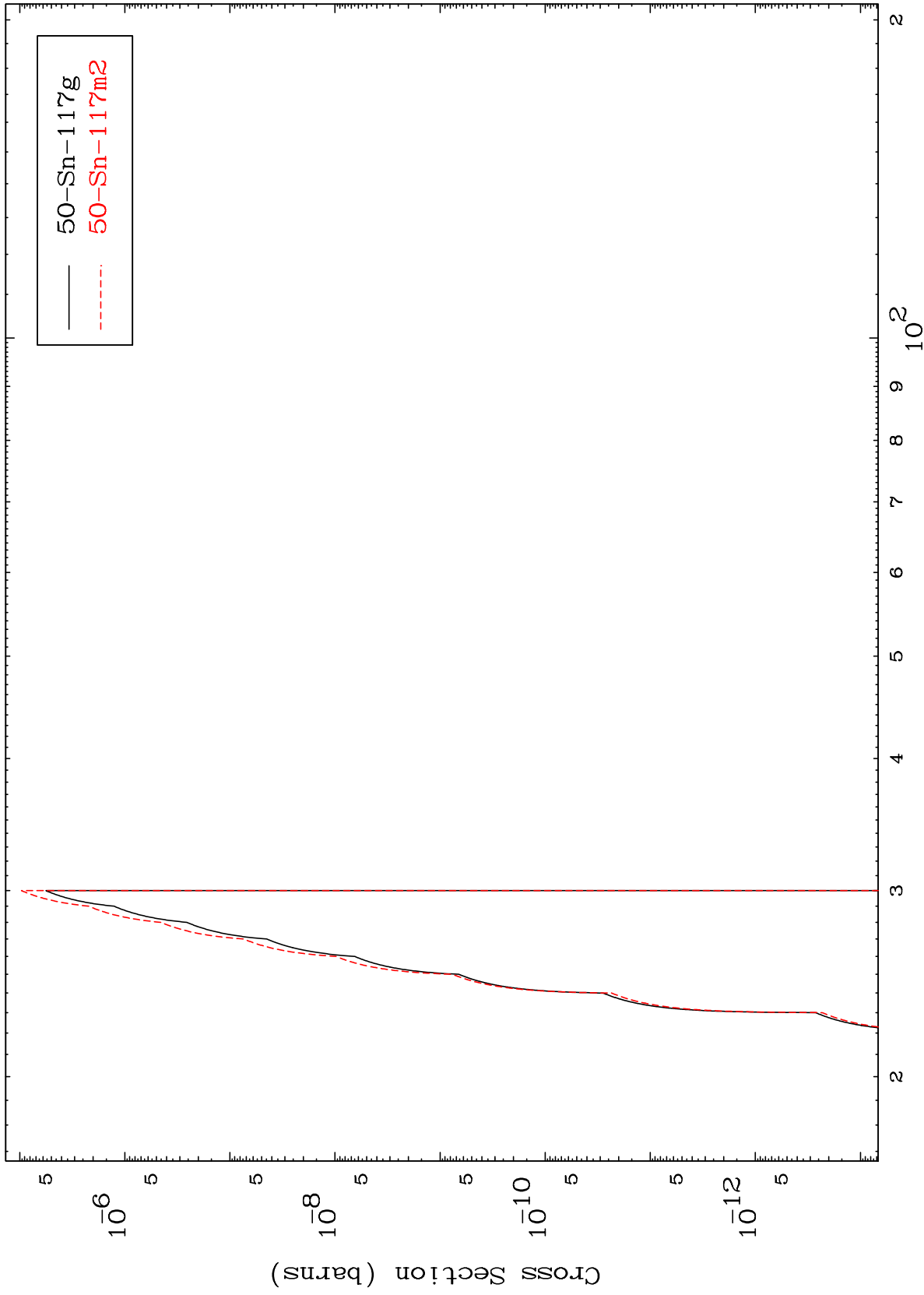
52-Te-123

MAT 5235

(n,3n)  $\alpha$

52-Te-123

Radionuclide Production Cross Section



23

Incident Energy (MeV)

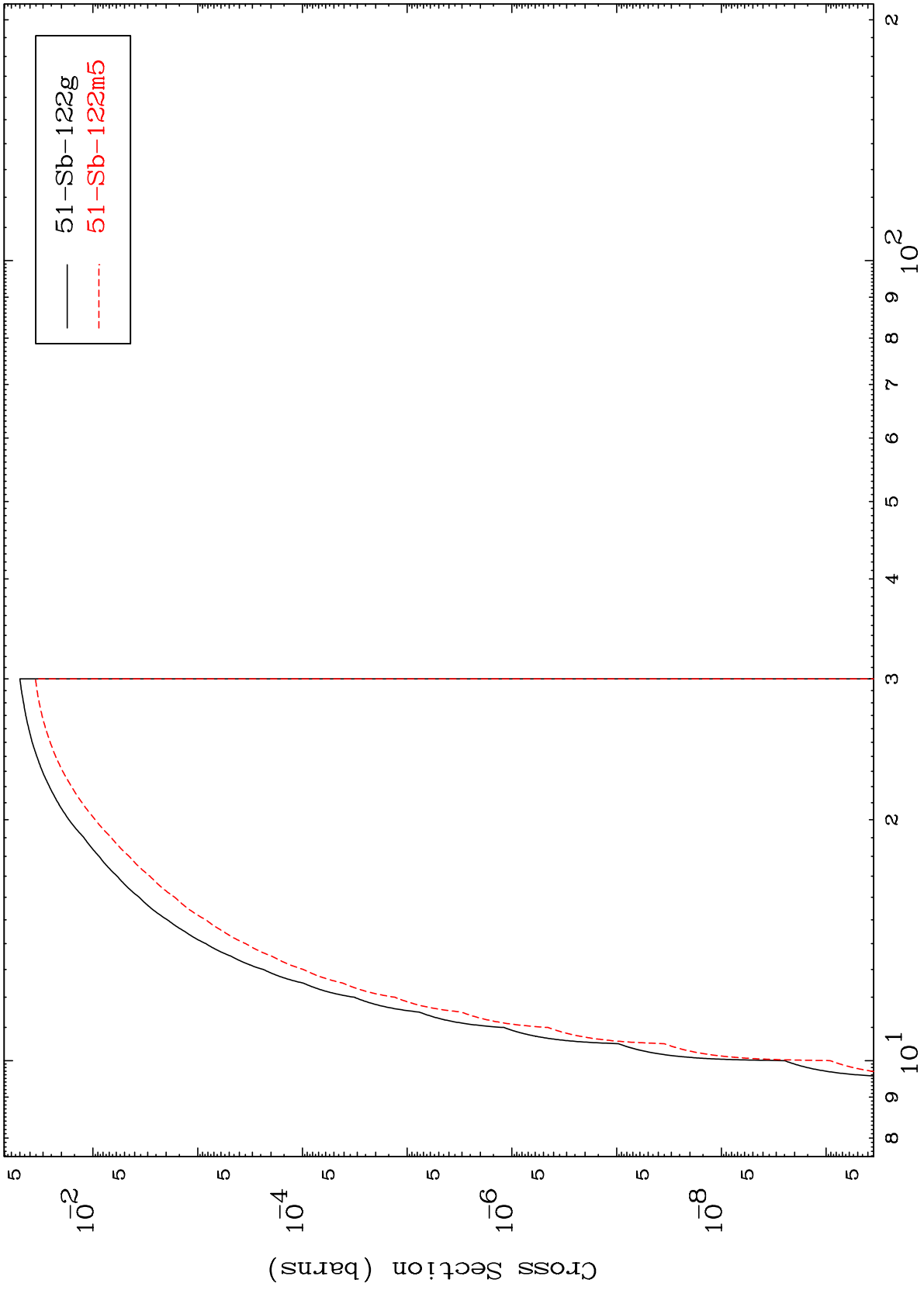
52-Te-123

MAT 5235

(n,n') p

52-Te-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

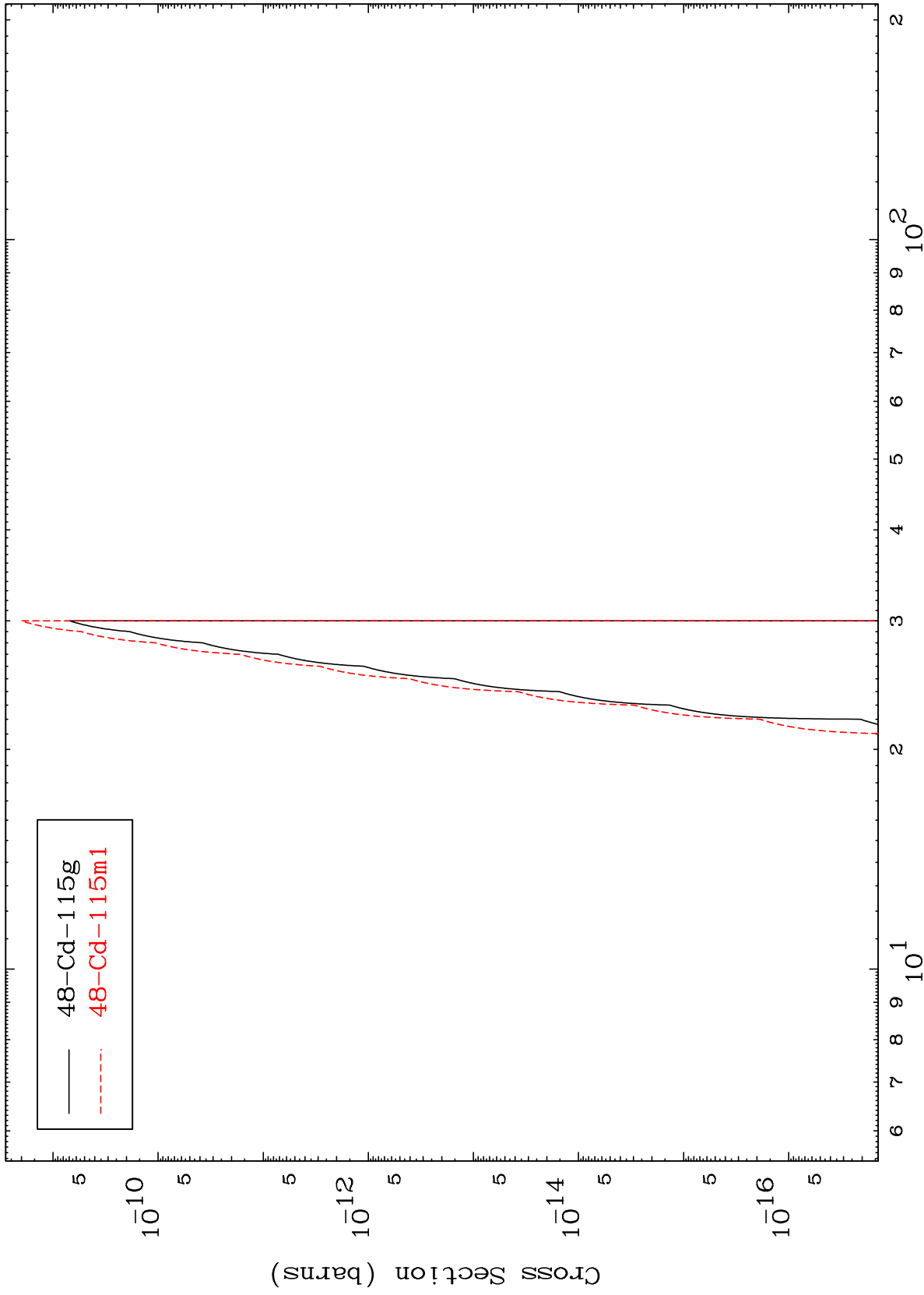
52-Te-123

MAT 5235

(n,n') 2 $\alpha$

52-Te-123

Radionuclide Production Cross Section

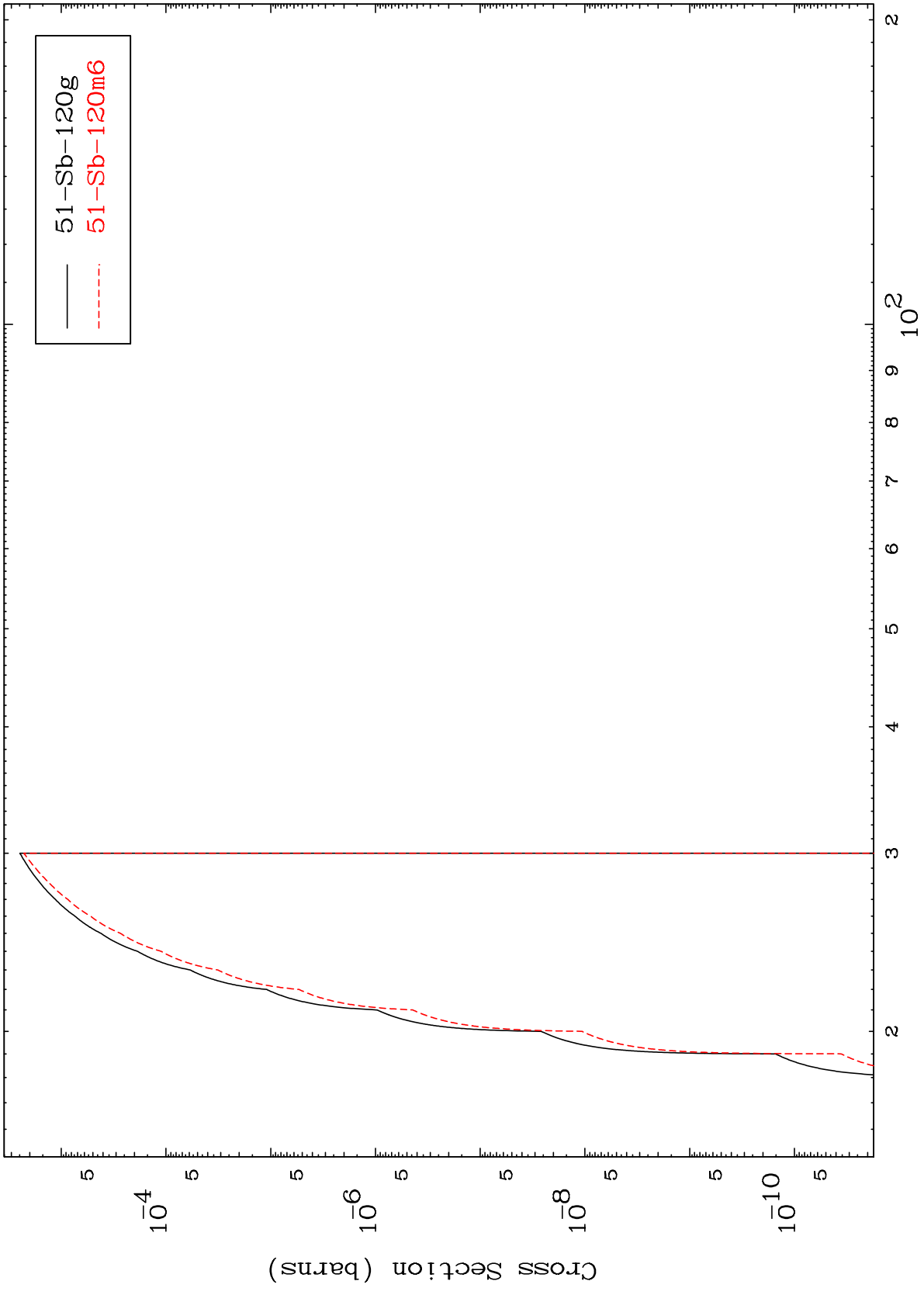


25

Incident Energy (MeV)

52-Te-123

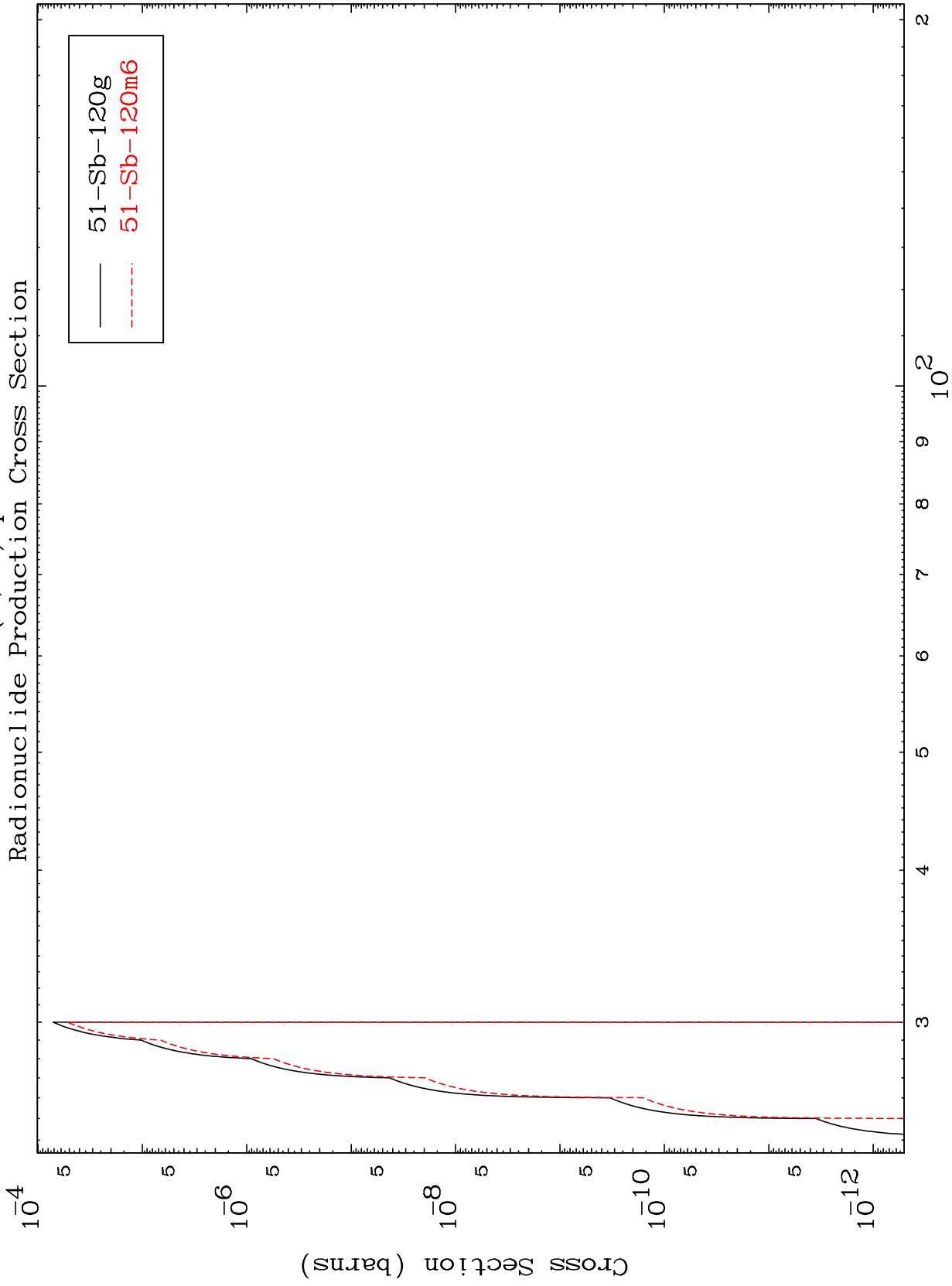
Radionuclide Production Cross Section



MAT 5235

(n,3n) p

52-Te-123



27

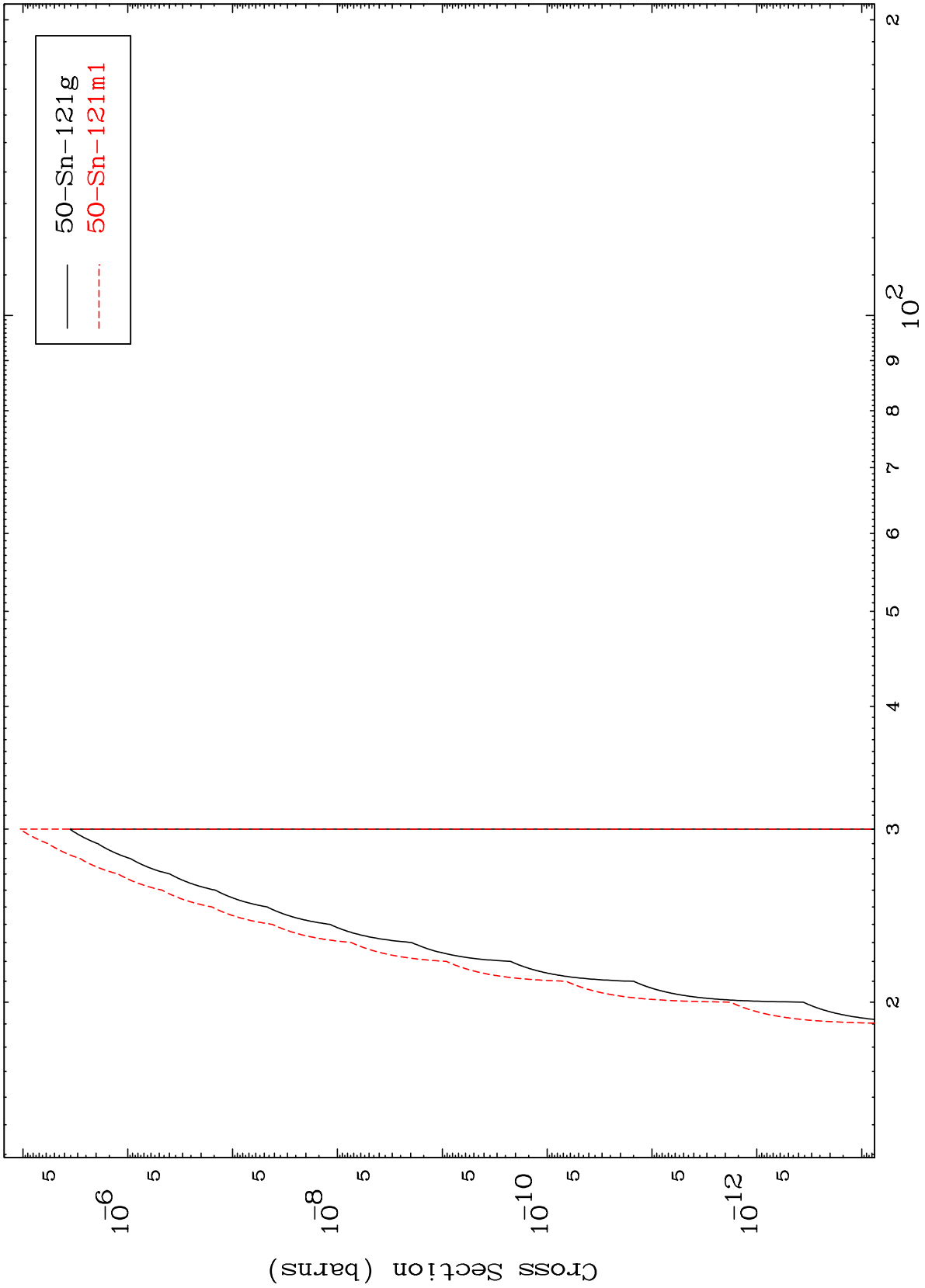
52-Te-123

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(n,2n) p

<sup>52</sup>Te-123

Radionuclide Production Cross Section



28

Incident Energy (MeV)

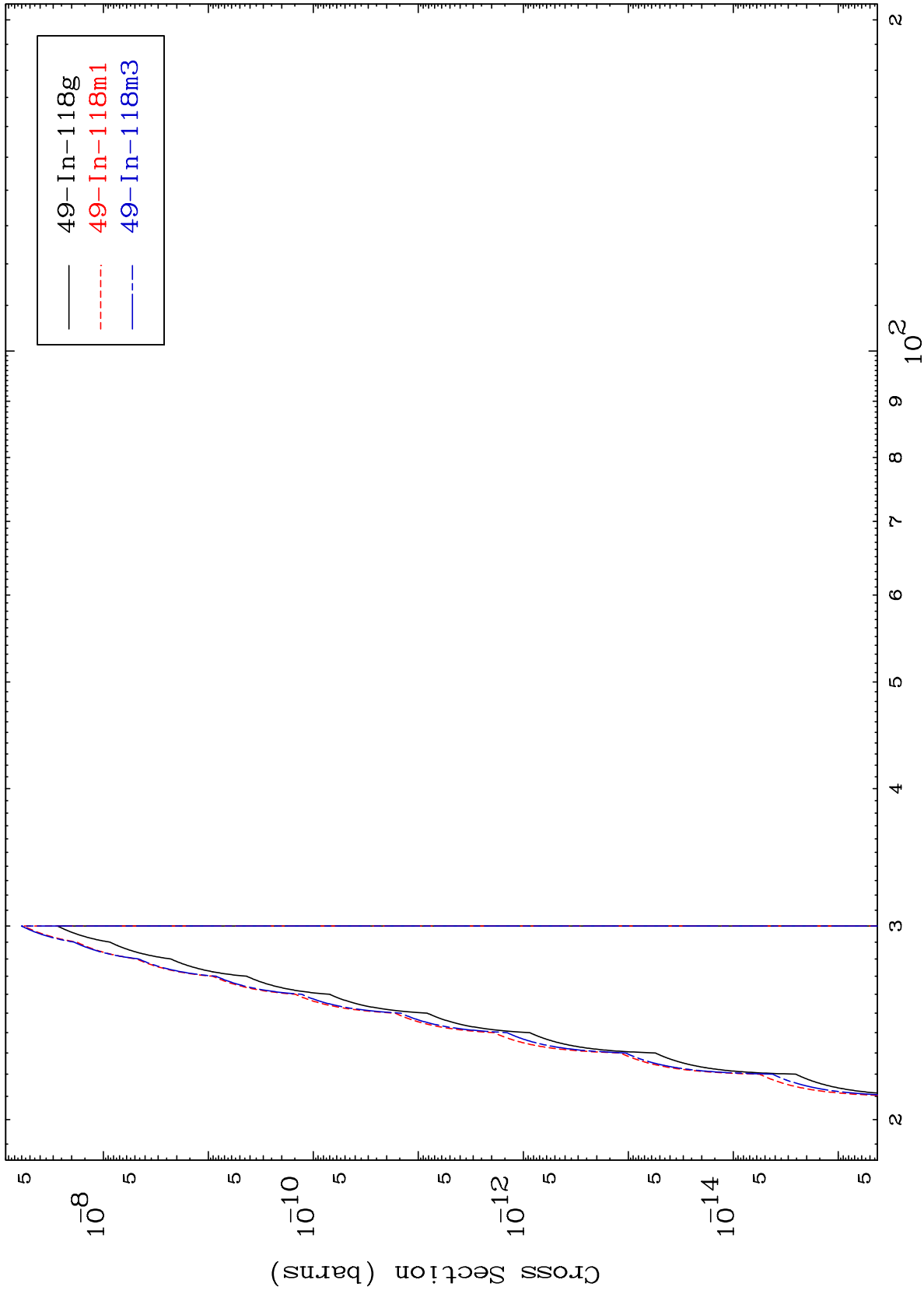
<sup>52</sup>Te-123

MAT 5235

(n,n') p  $\alpha$

52-Te-123

Radionuclide Production Cross Section



29

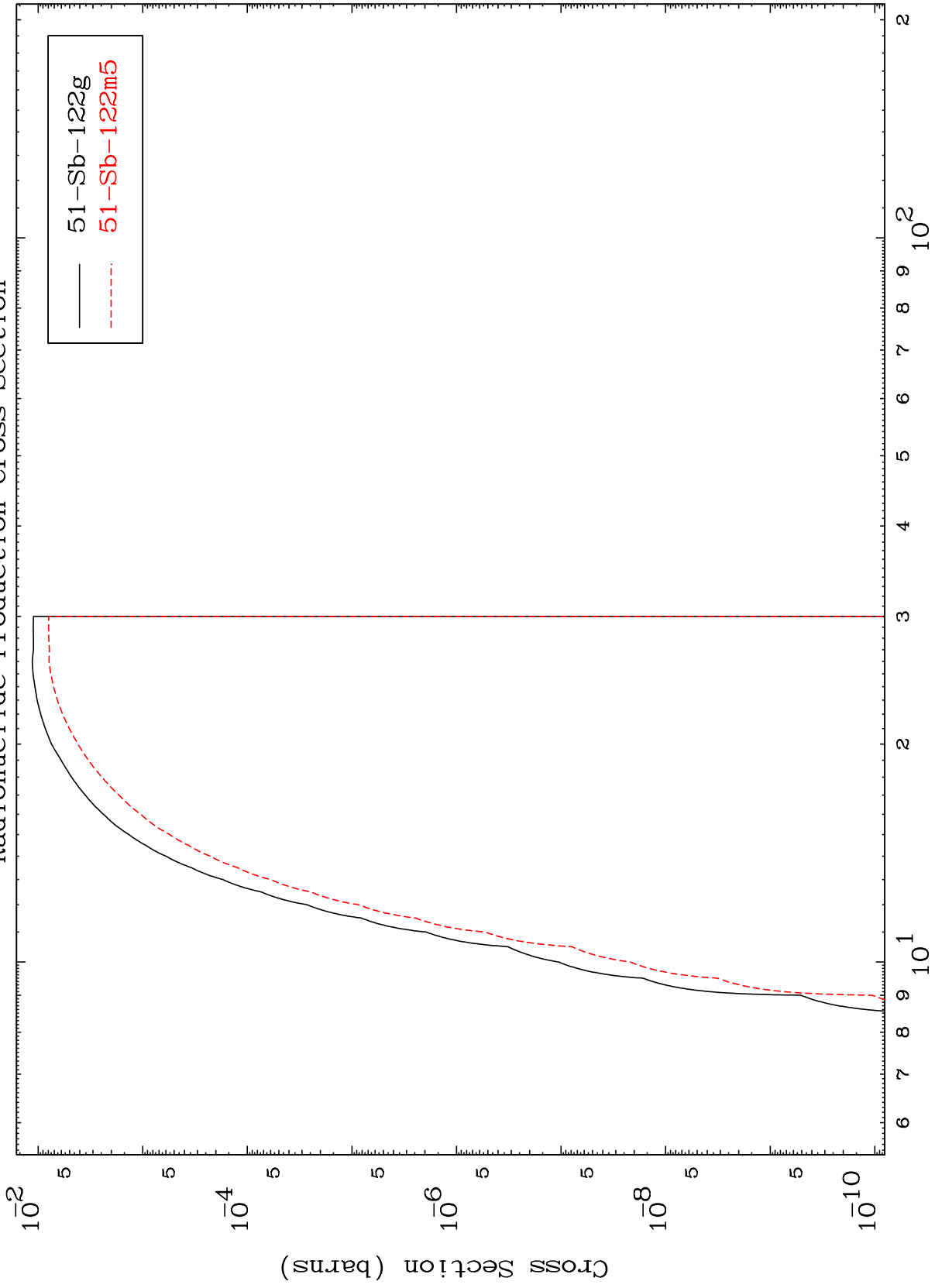
Incident Energy (MeV)

52-Te-123

MAT 5235

52-Te-123

(n,d)  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

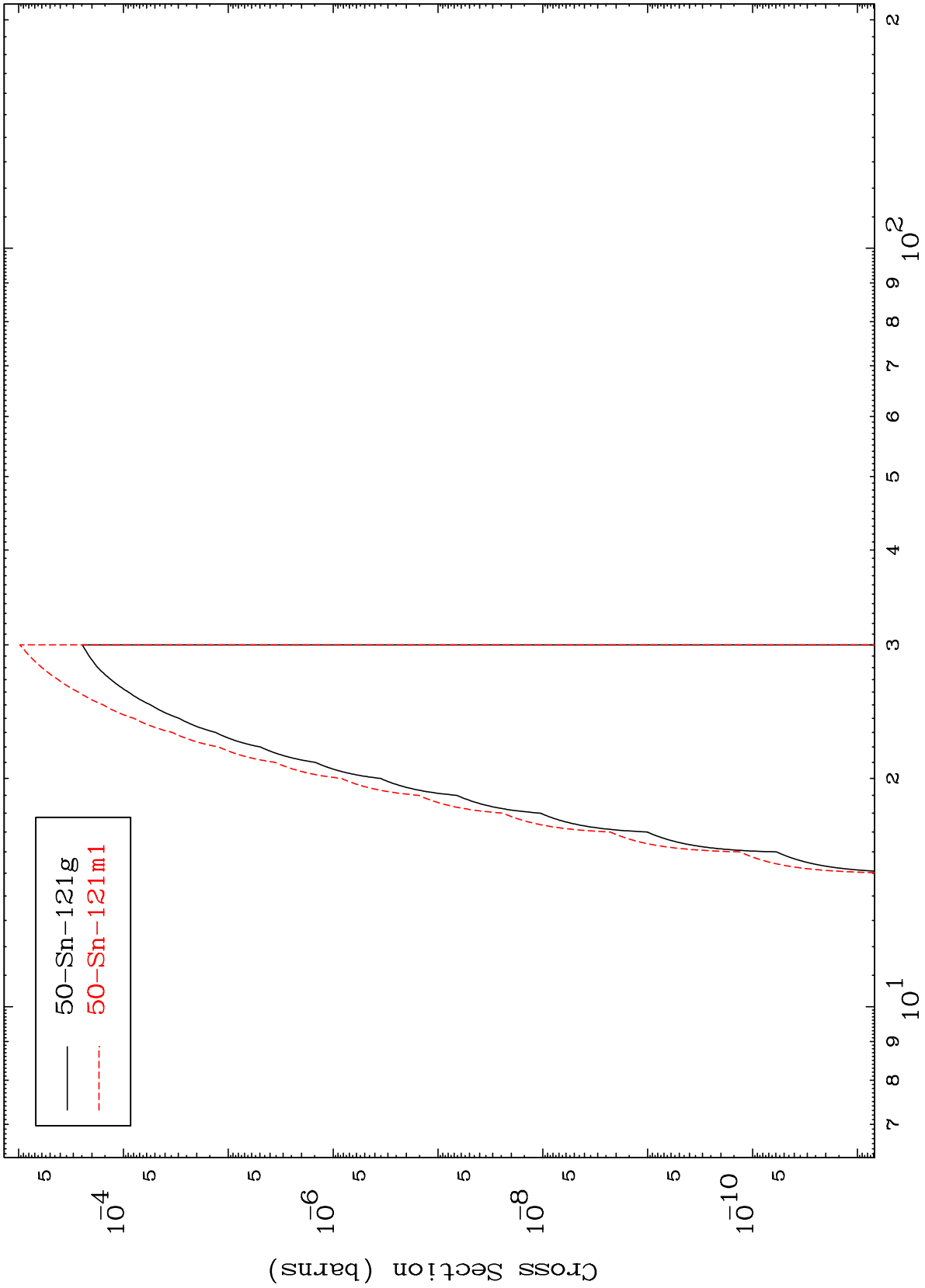
52-Te-123

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(n, He-3)

52-Te-123

Radionuclide Production Cross Section



31

Incident Energy (MeV)

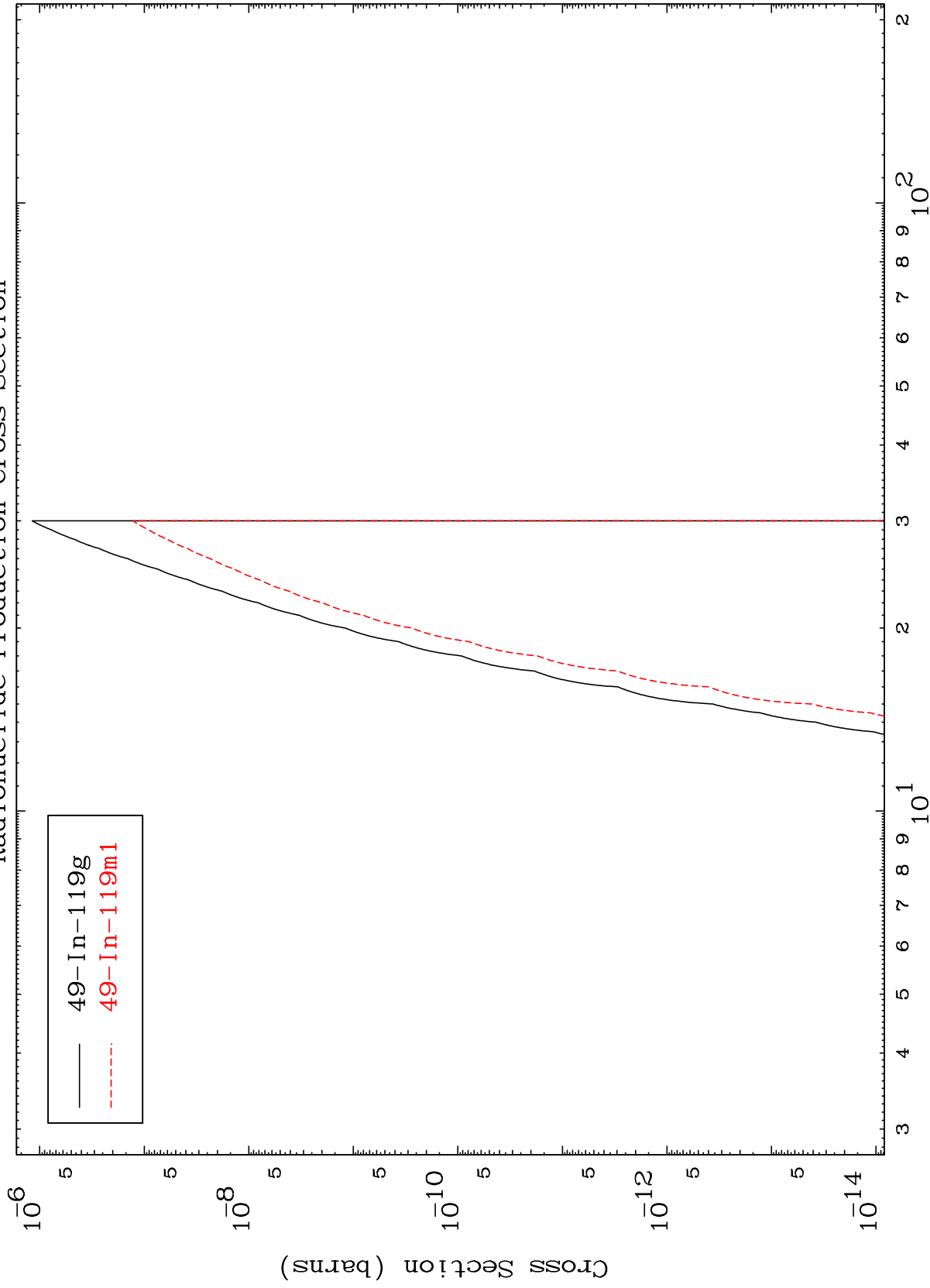
52-Te-123

MAT 5235

(n,p)  $\alpha$

52-Te-123

Radionuclide Production Cross Section



32

Incident Energy (MeV)

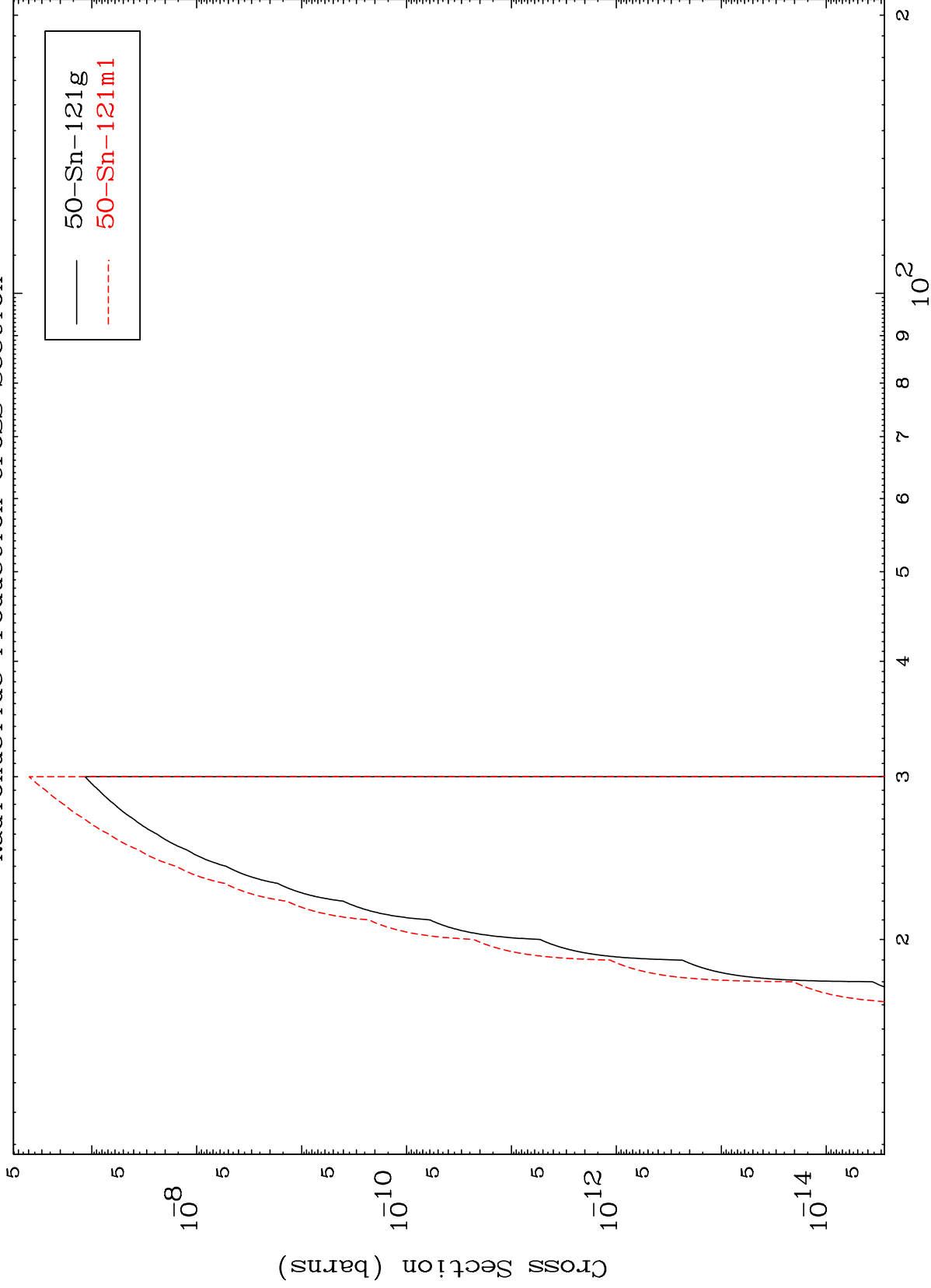
52-Te-123

MAT 5235

(n,p) d

<sup>52</sup>Te-123

Radionuclide Production Cross Section



33

Incident Energy (MeV)

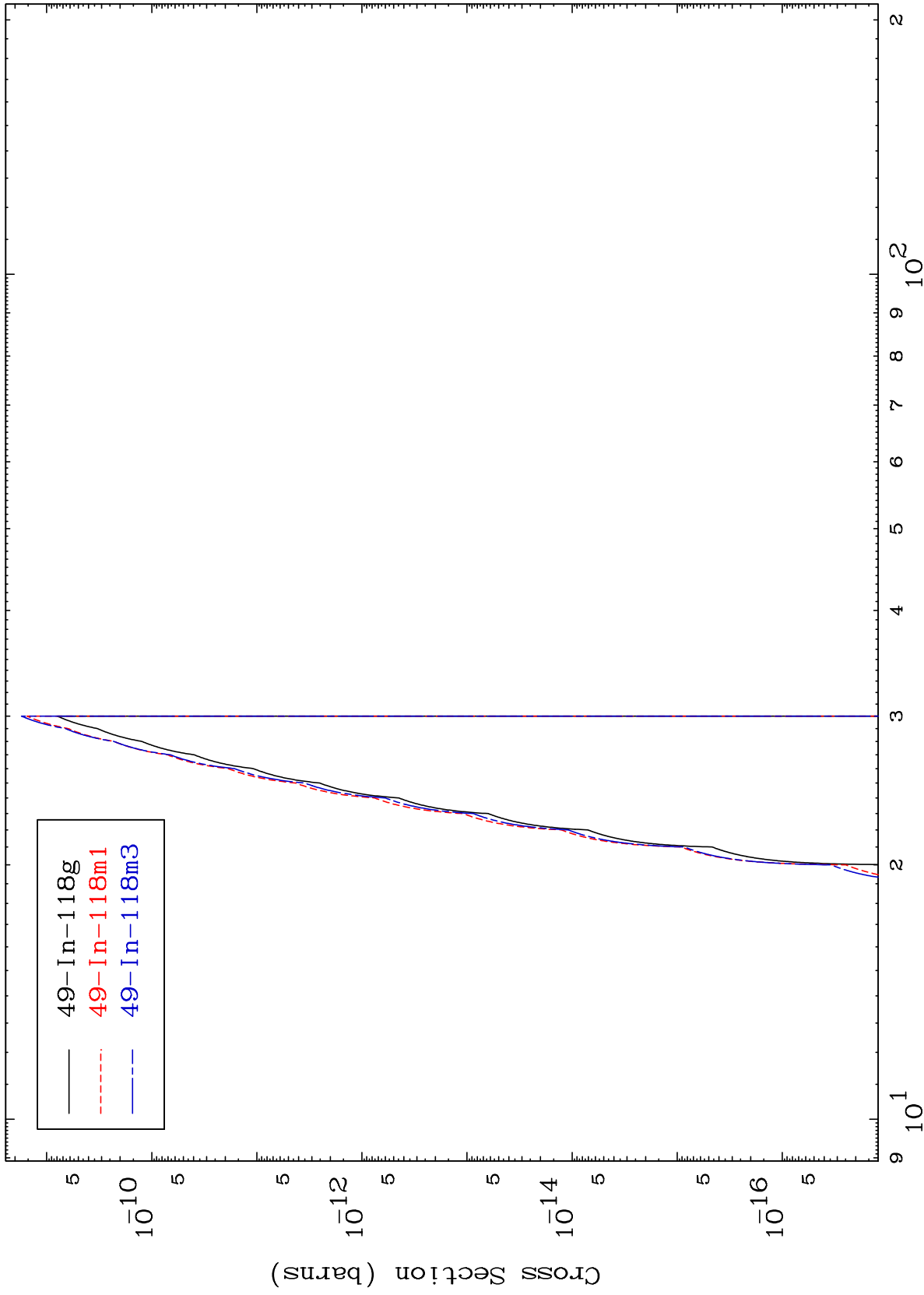
<sup>52</sup>Te-123

MAT 5235

(n,d)  $\alpha$

52-Te-123

Radionuclide Production Cross Section



34

Incident Energy (MeV)

52-Te-123