

Program EVALPLOT
(Version 2015-2)

by

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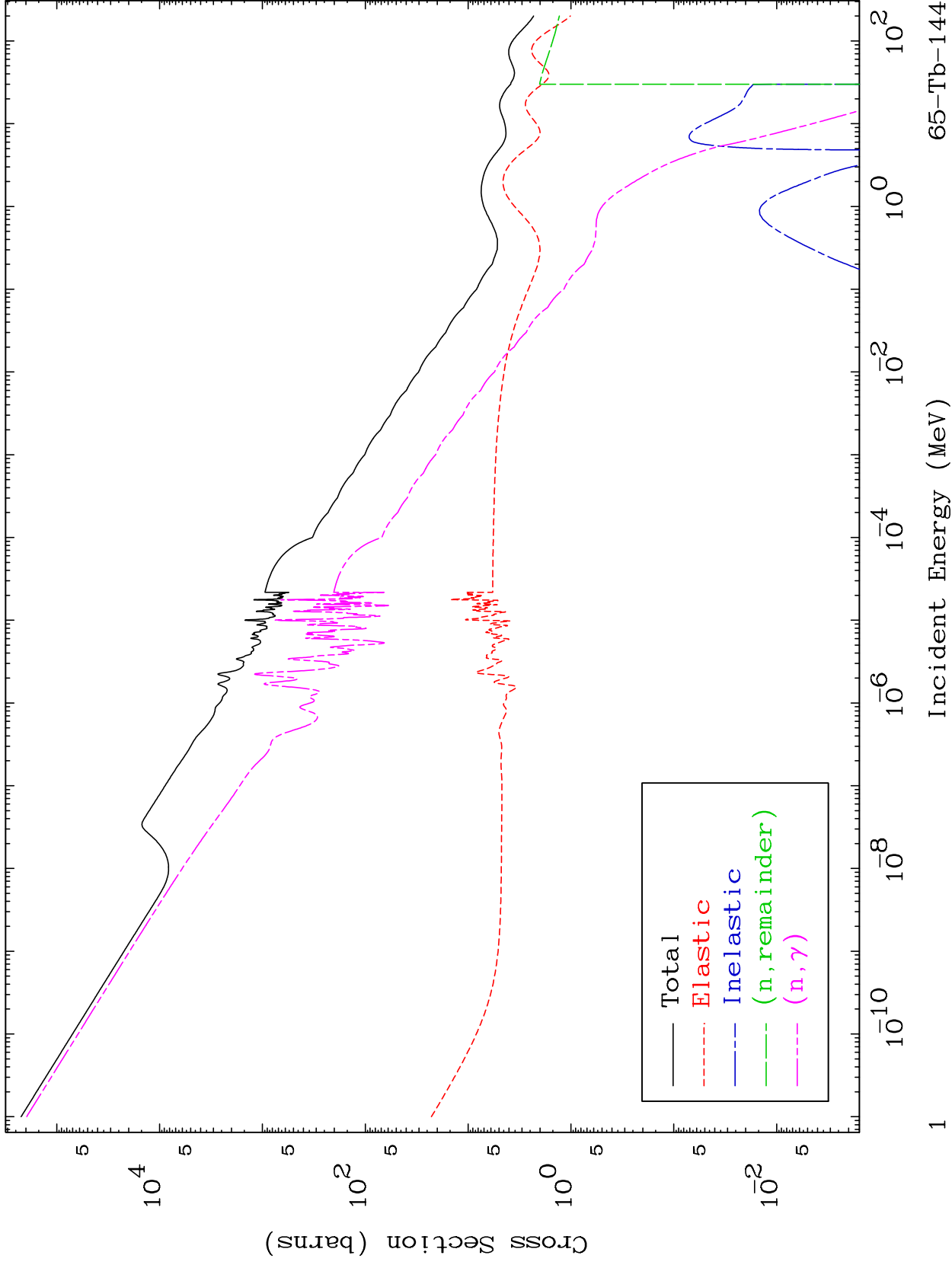
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6481

Major
293 Kelvin Cross Sections

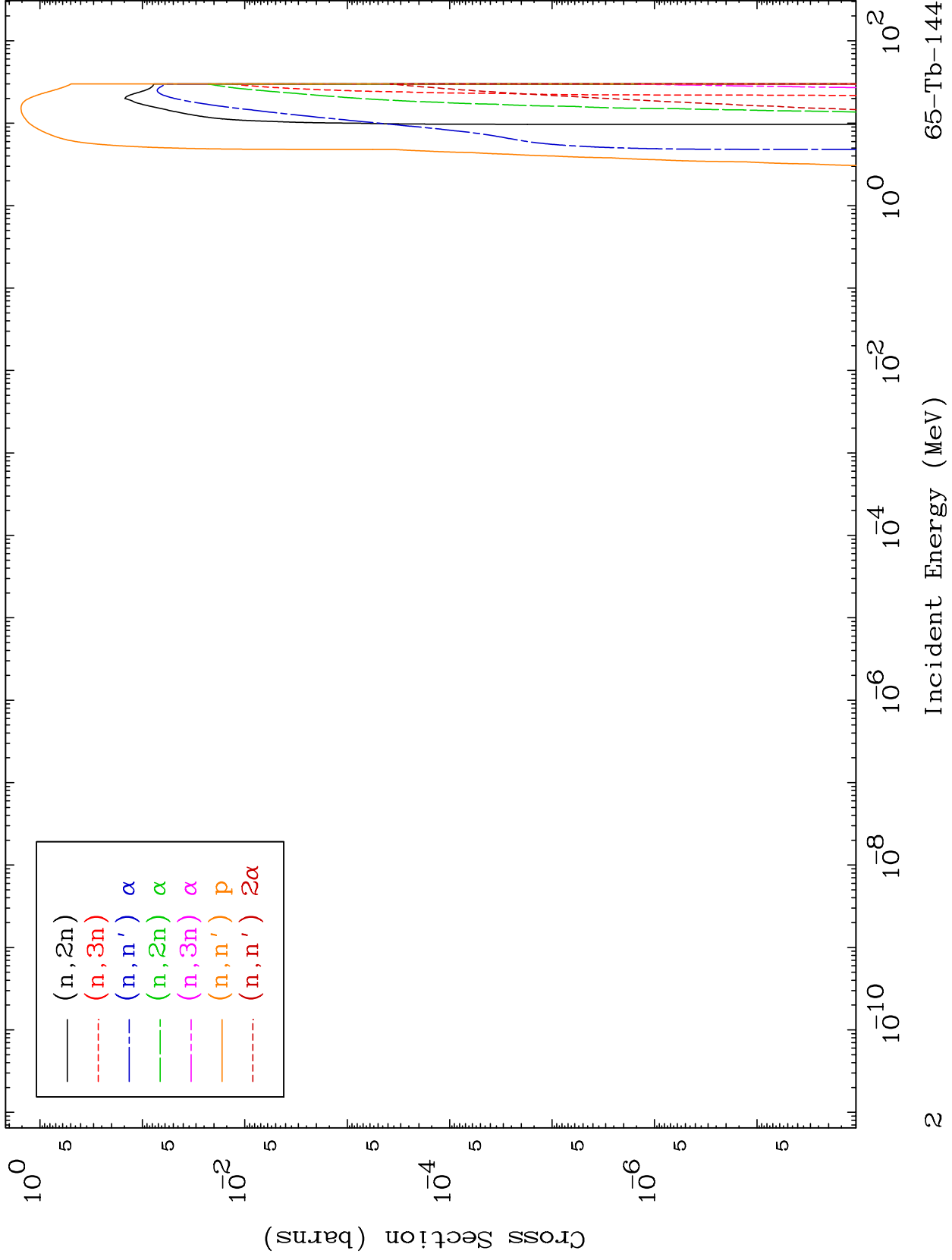
65-Tb-144



MAT 6481

Neutron Production
293 Kelvin Cross Sections

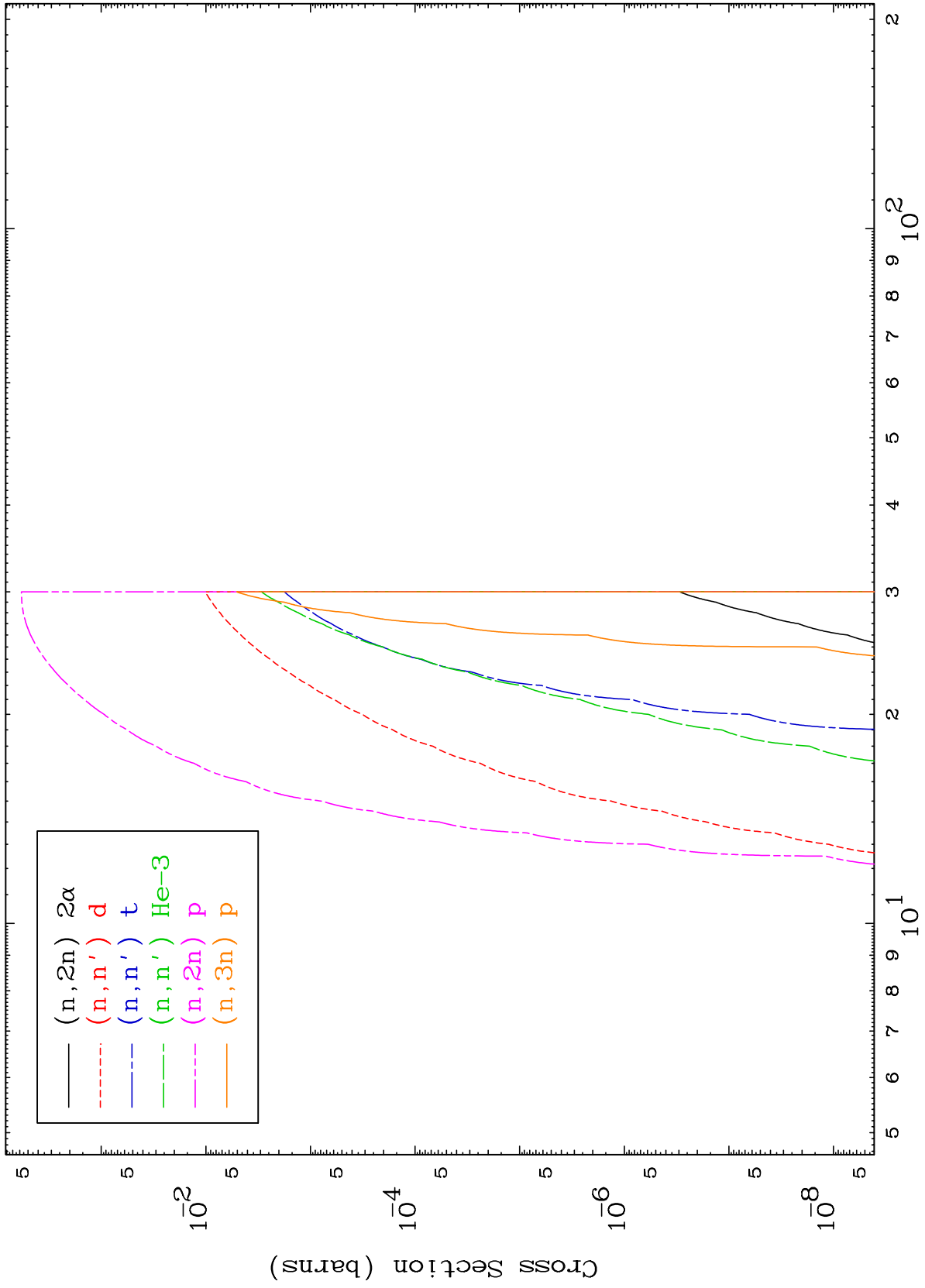
65-Tb-144



MAT 6481

Neutron Production
293 Kelvin Cross Sections

65-Tb-144



3

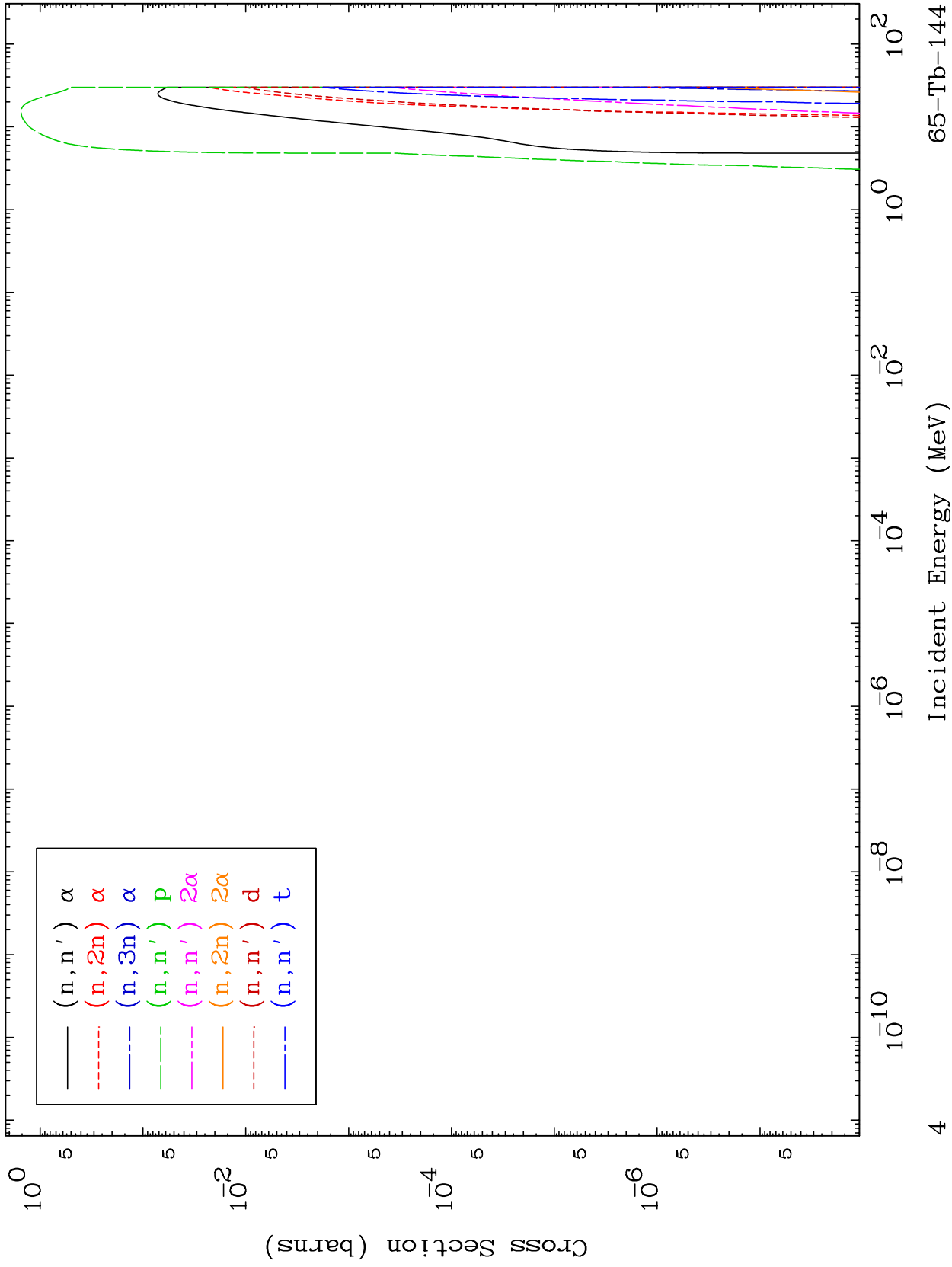
Incident Energy (MeV)

65-Tb-144

MAT 6481

Charged Particle
293 Kelvin Cross Sections

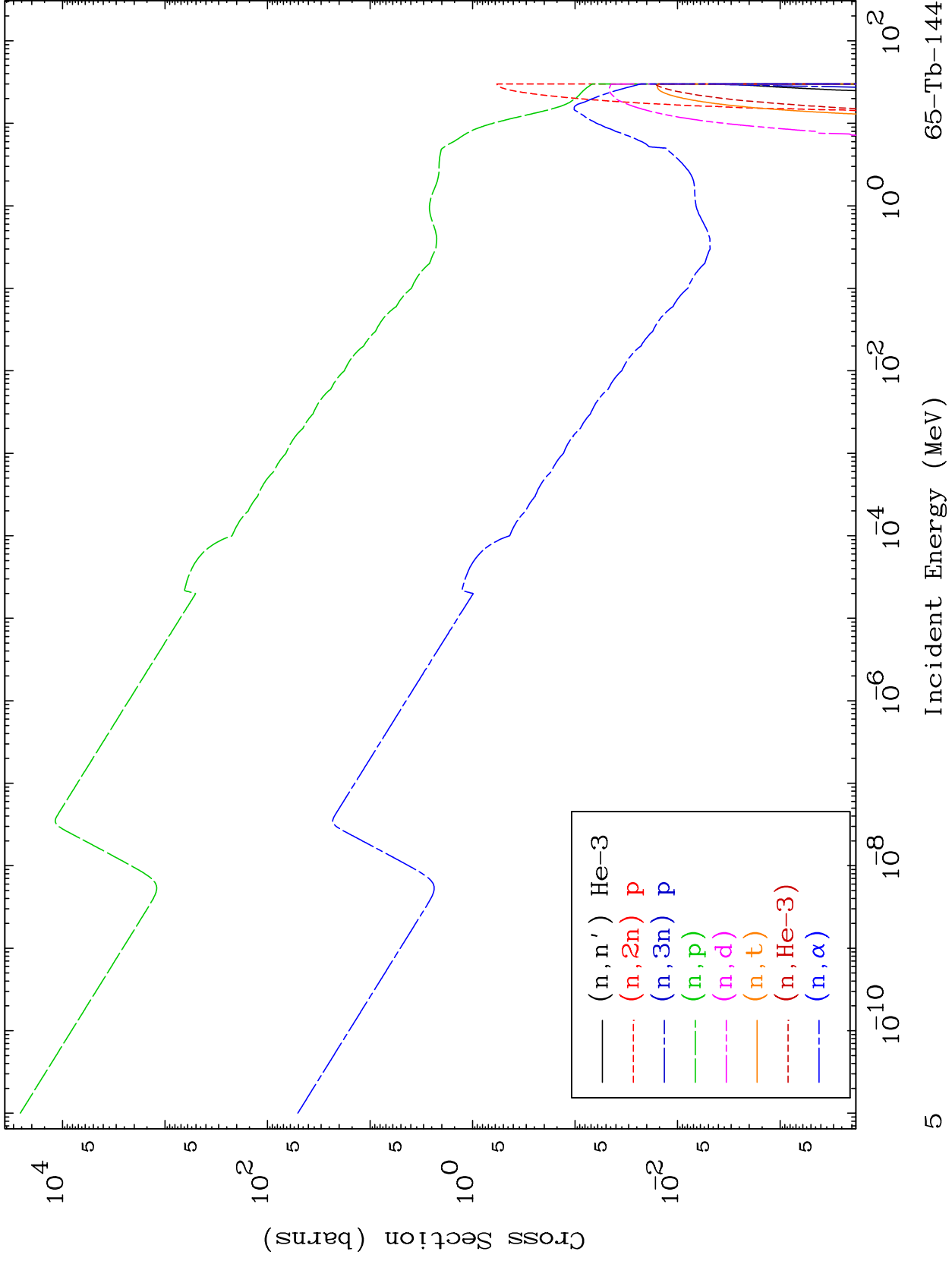
65-Tb-144



MAT 6481

Charged Particle
293 Kelvin Cross Sections

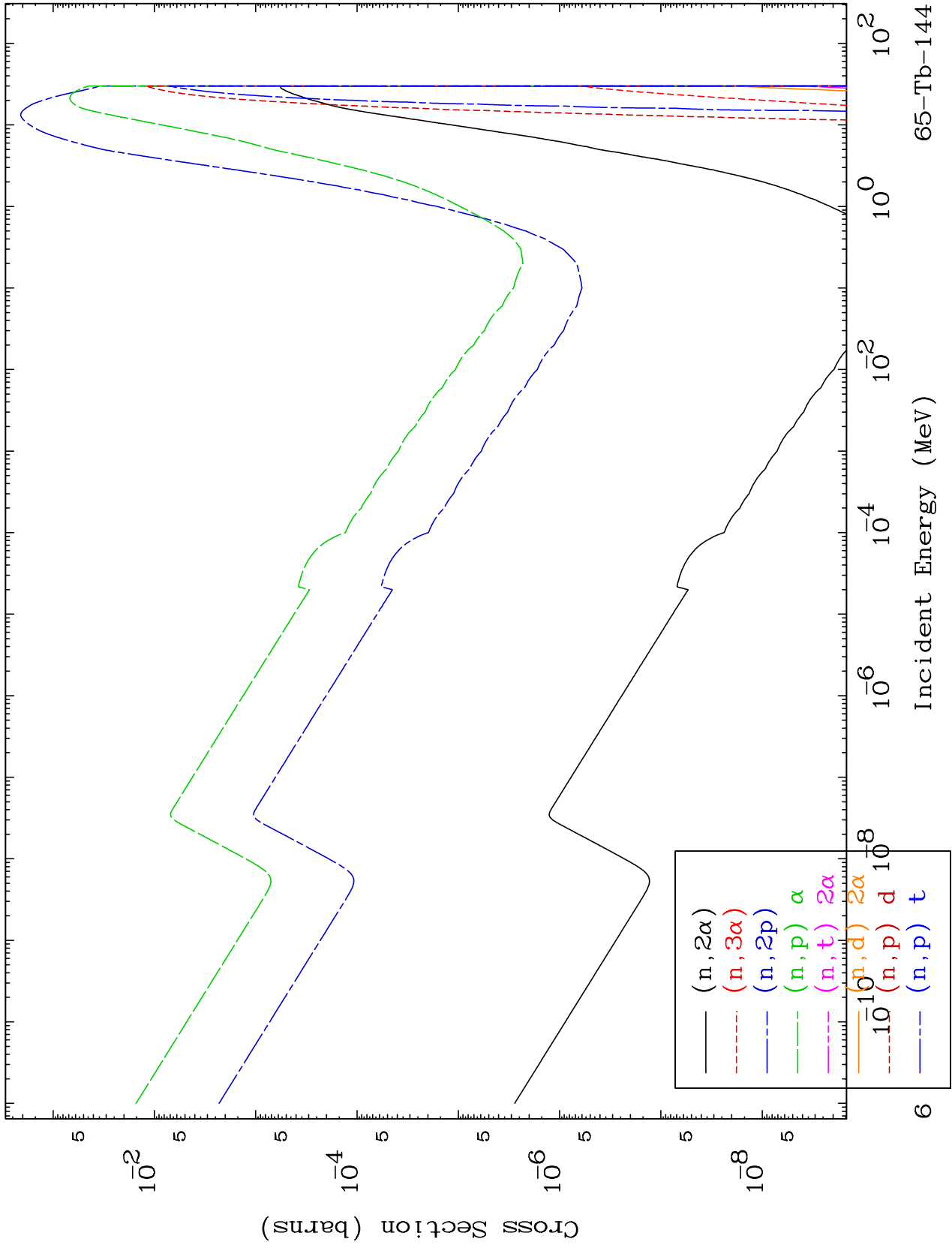
65-Tb-144



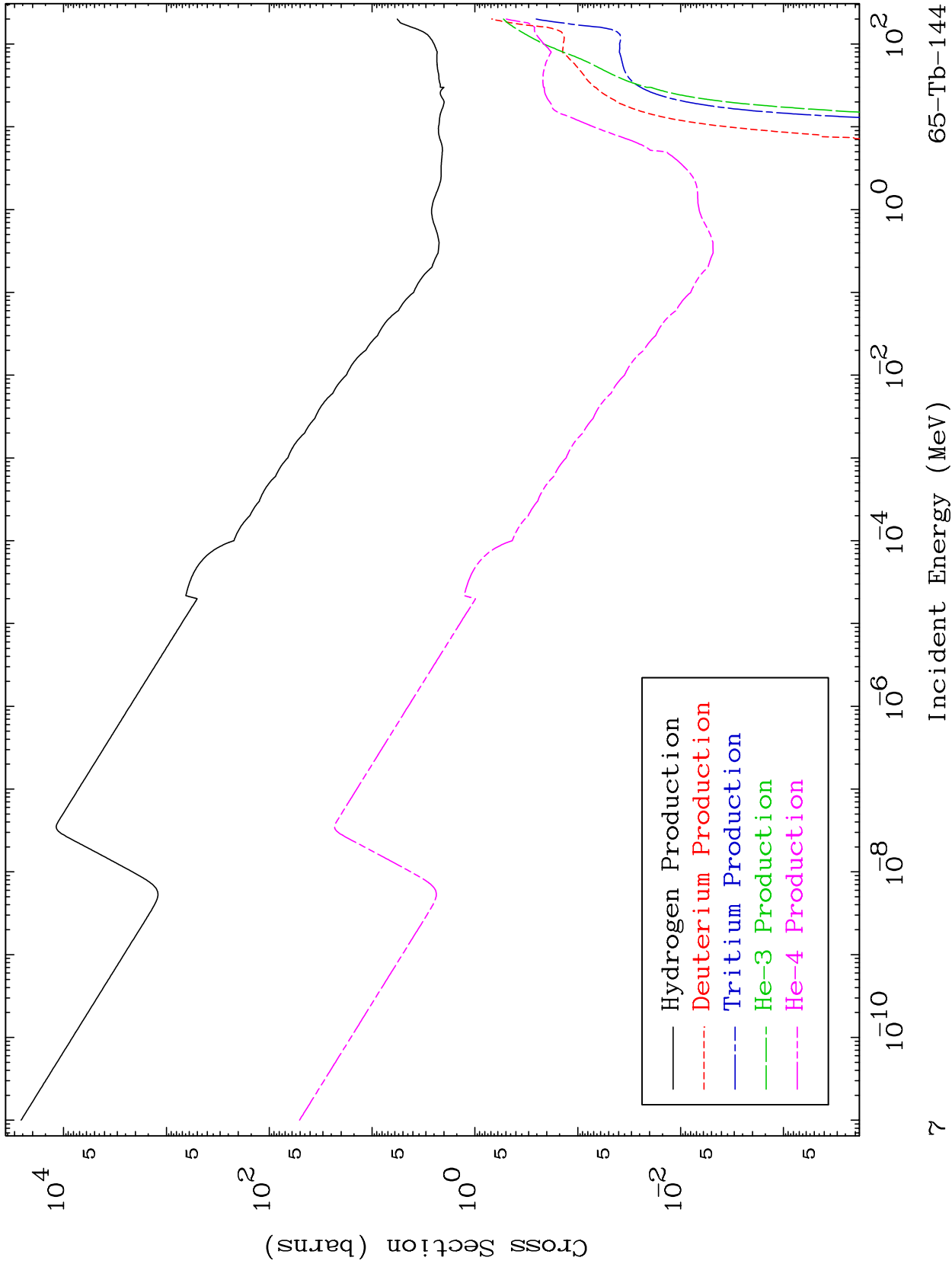
MAT 6481

Charged Particle
293 Kelvin Cross Sections

65-Tb-144



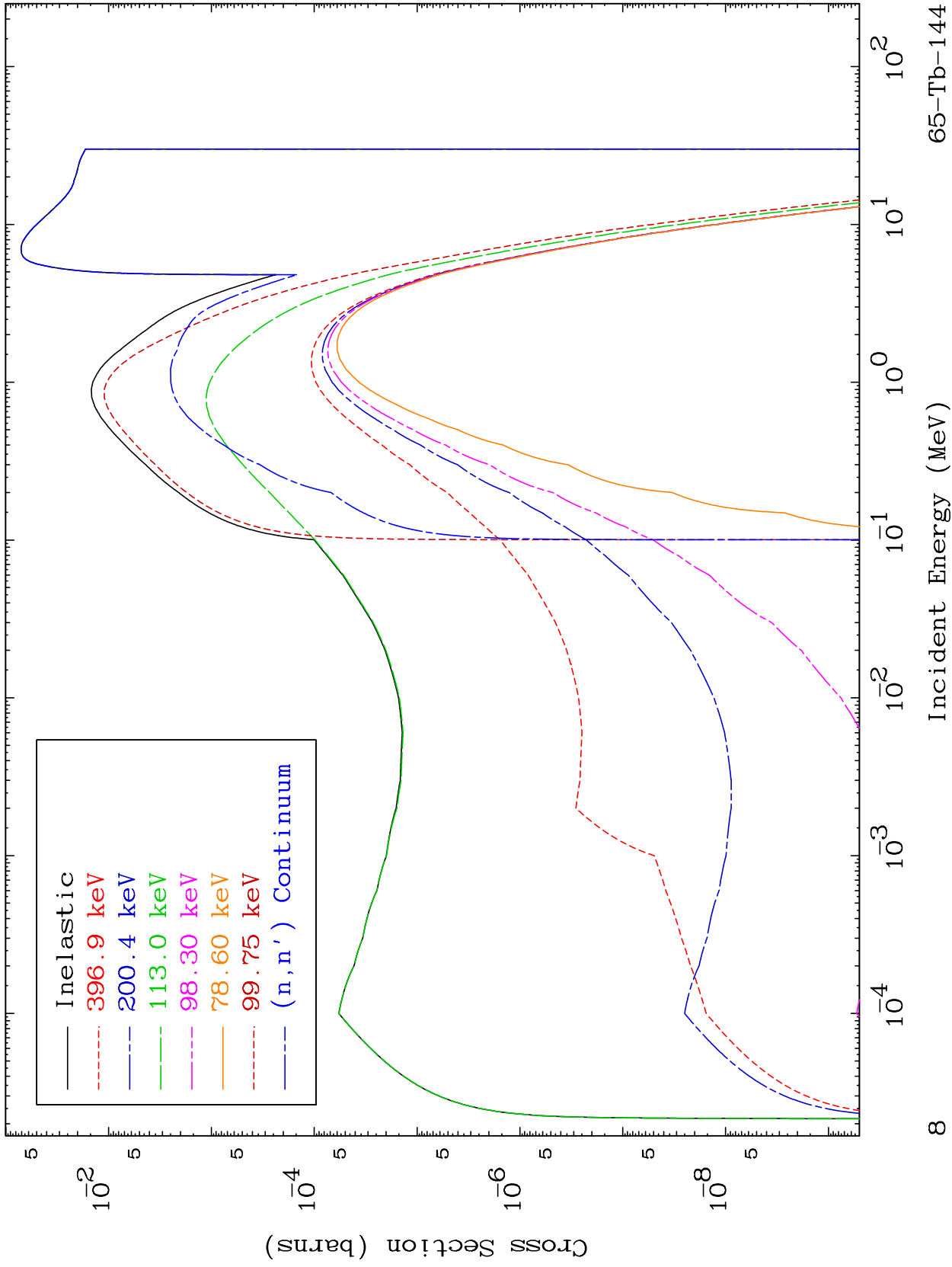
6



MAT 6481

(n,n') Level
293 Kelvin Cross Sections

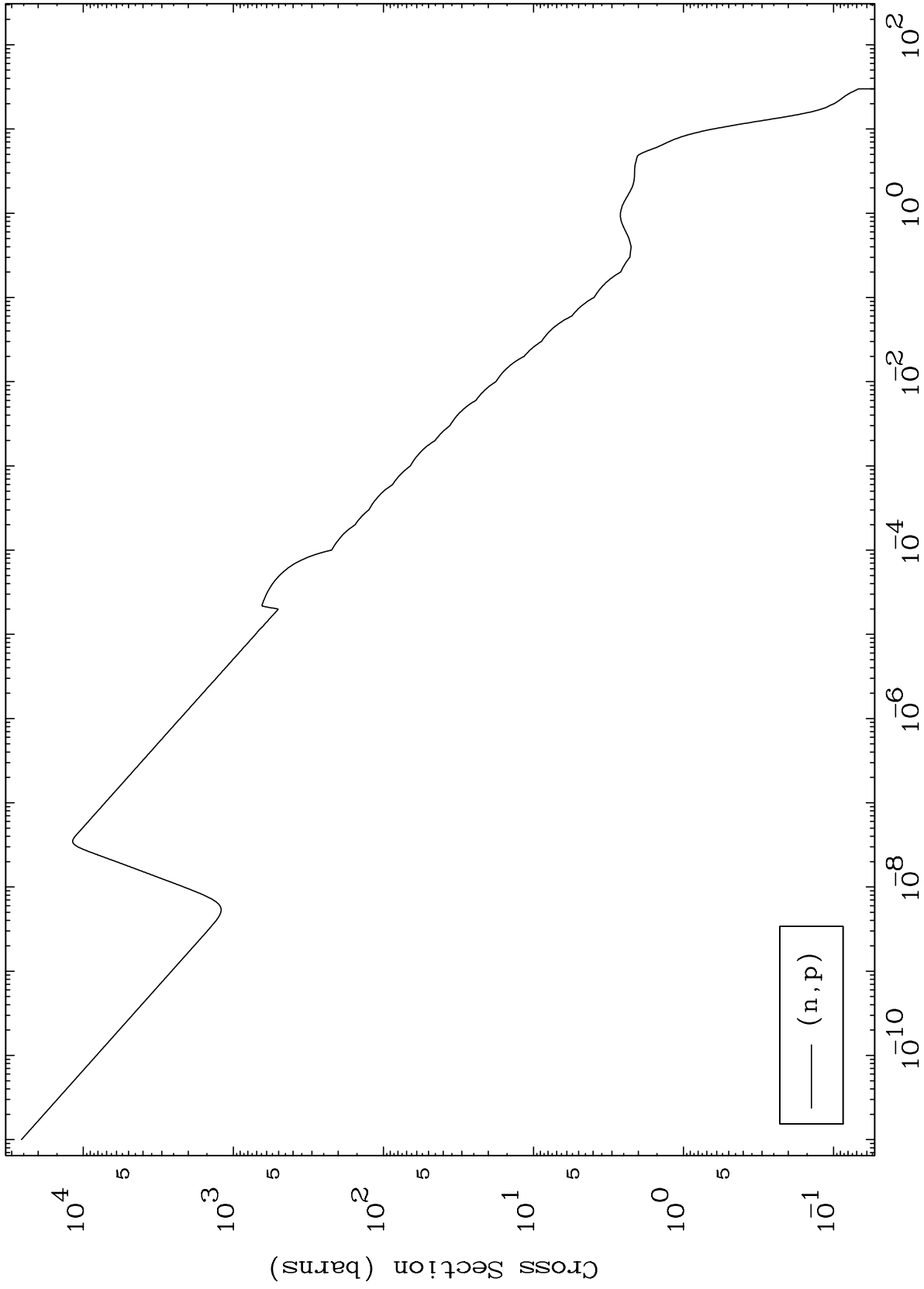
65-Tb-144



MAT 6481

(n,p) Levels
293 Kelvin Cross Sections

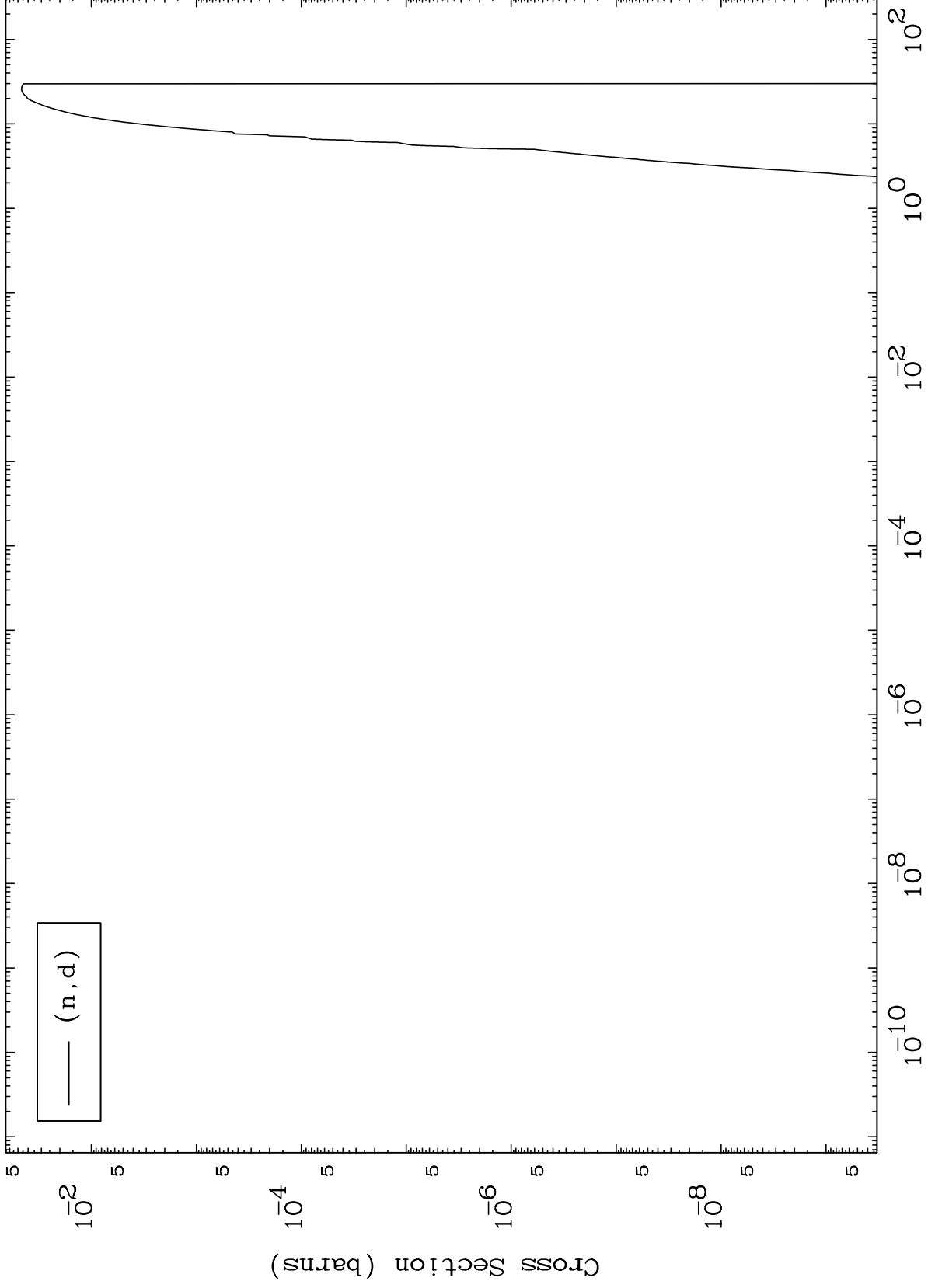
65-Tb-144



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(n,d) Levels
293 Kelvin Cross Sections

65-Tb-144



10

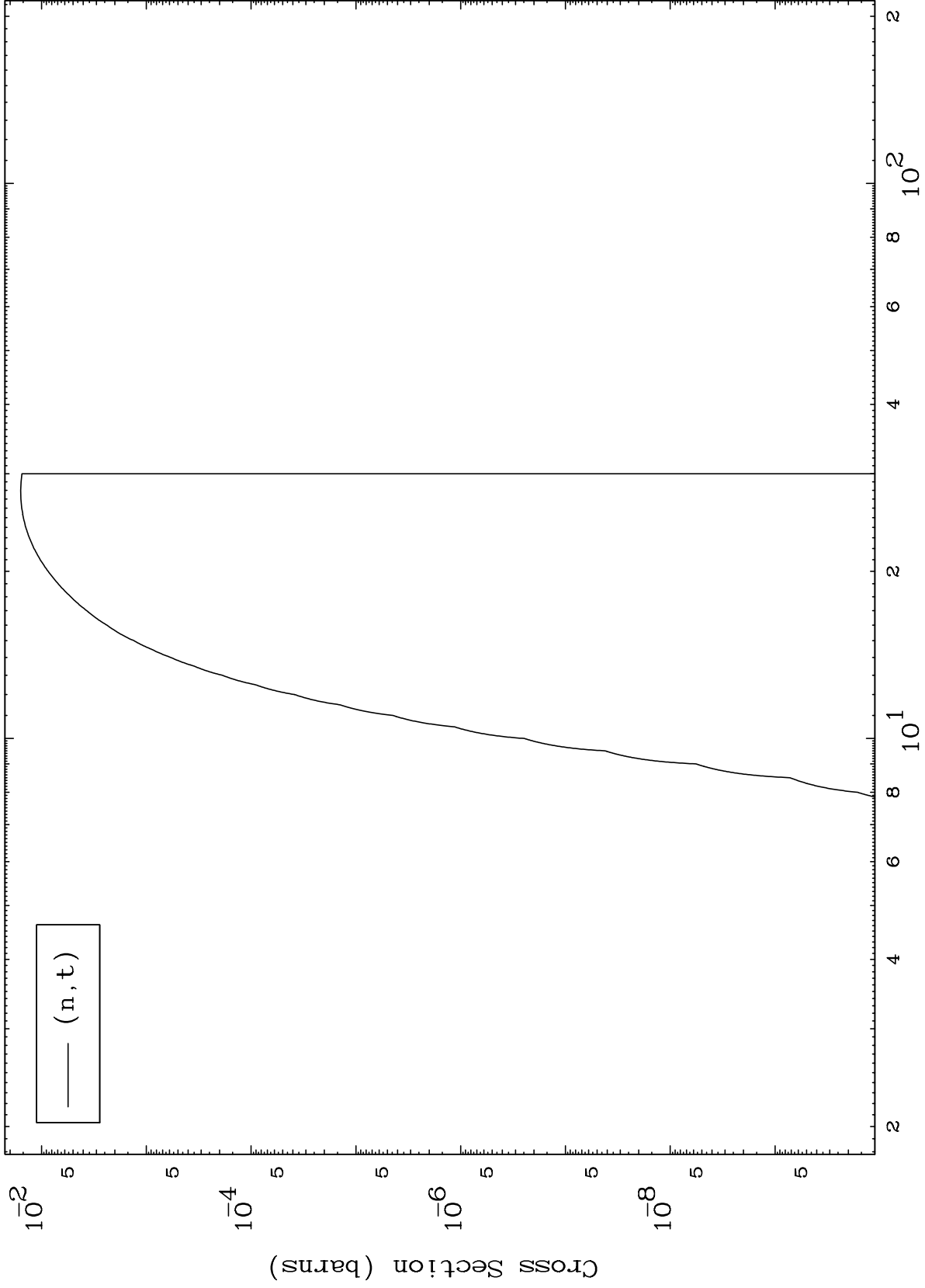
Incident Energy (MeV)

65-Tb-144

MAT 6481

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-144



11

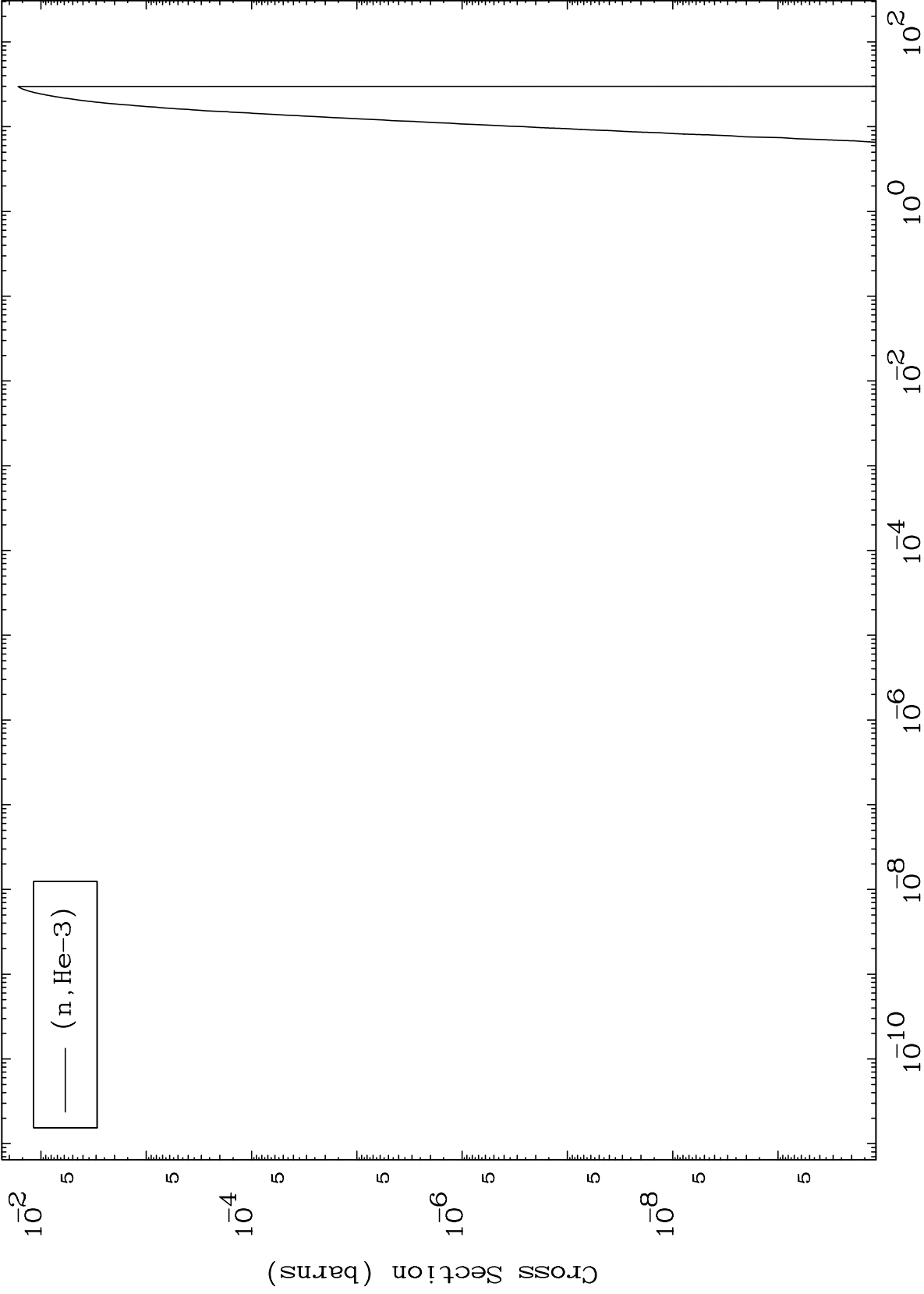
Incident Energy (MeV)

65-Tb-144

MAT 6481

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-144



12

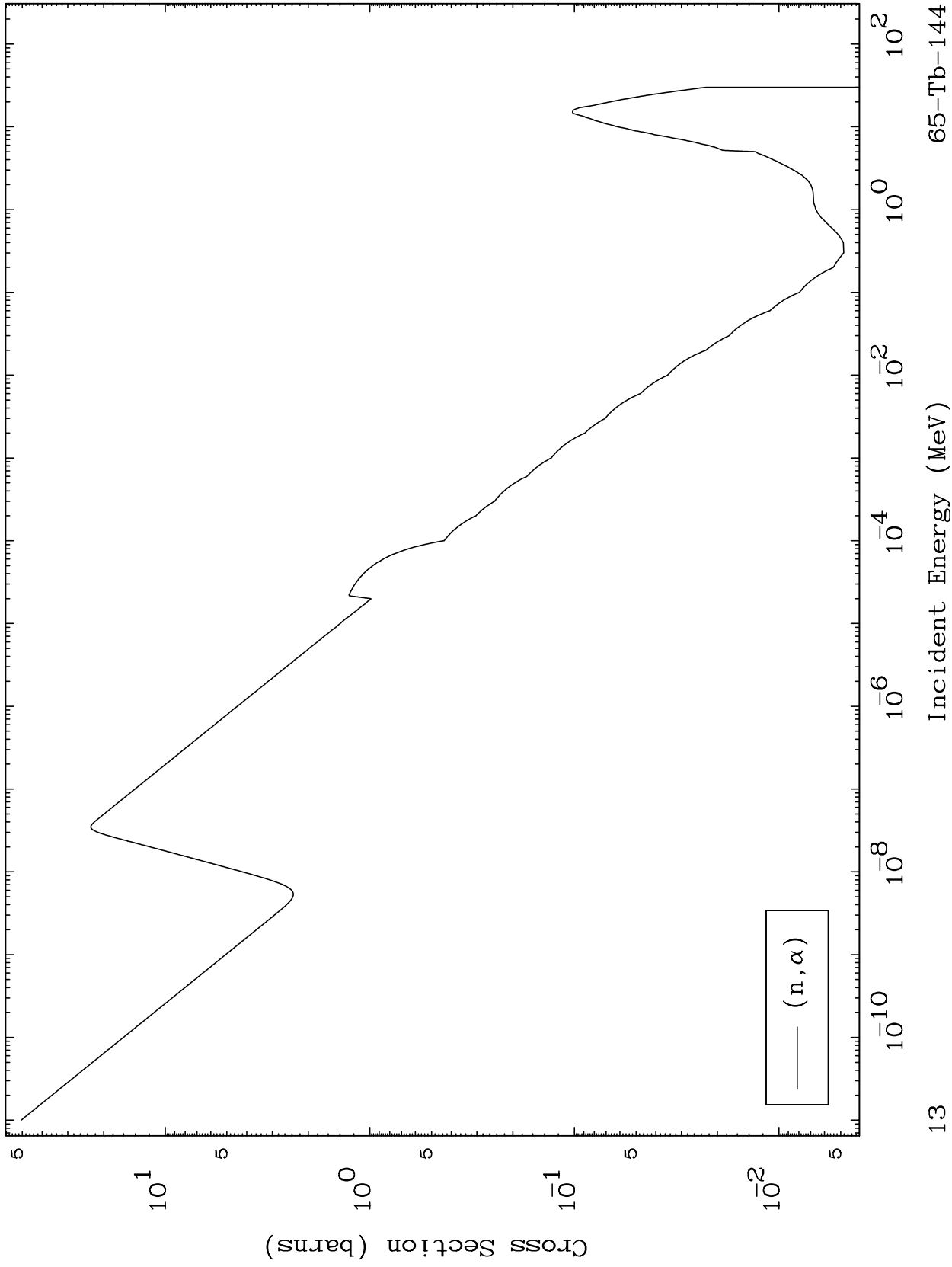
Incident Energy (MeV)

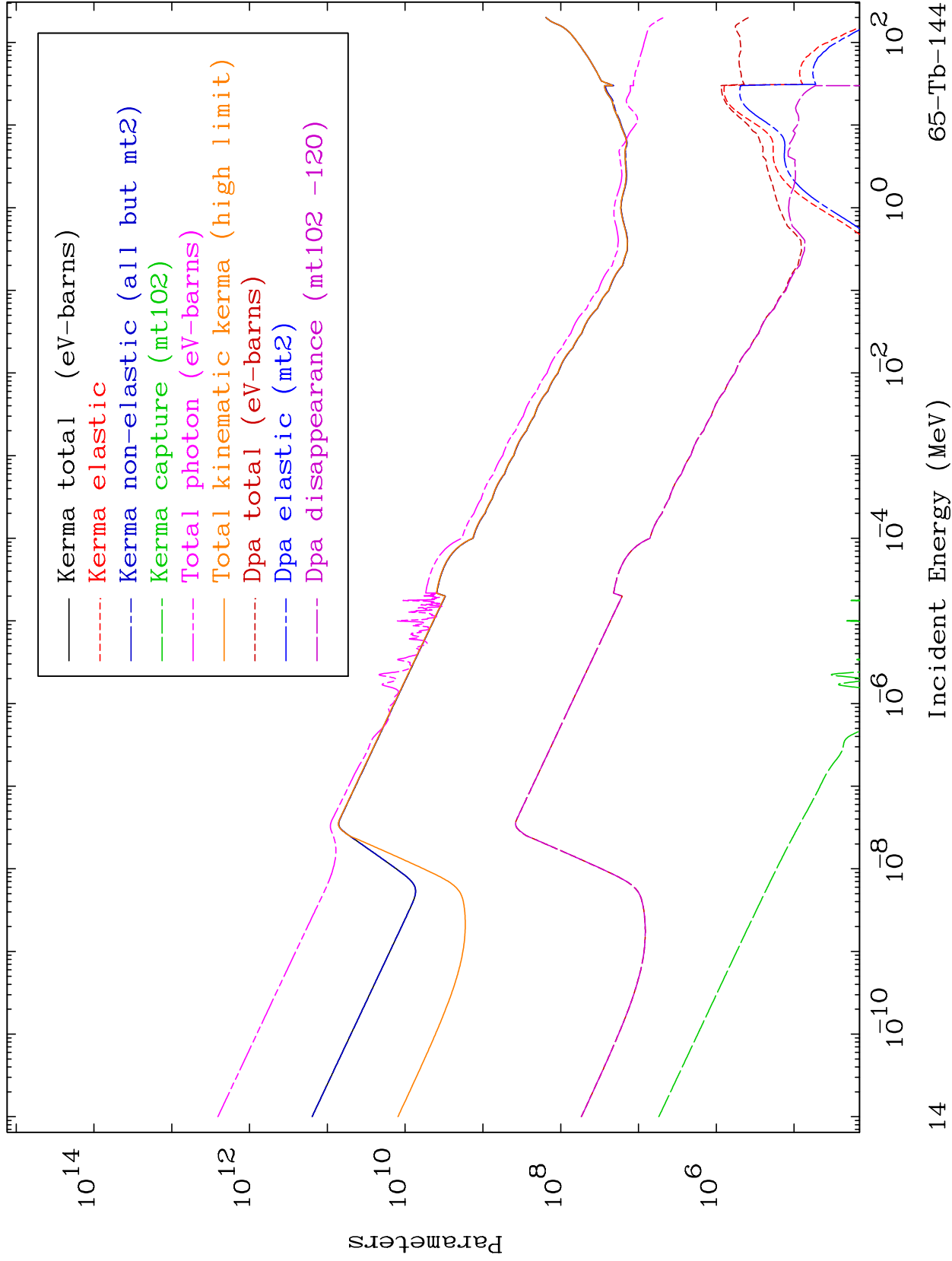
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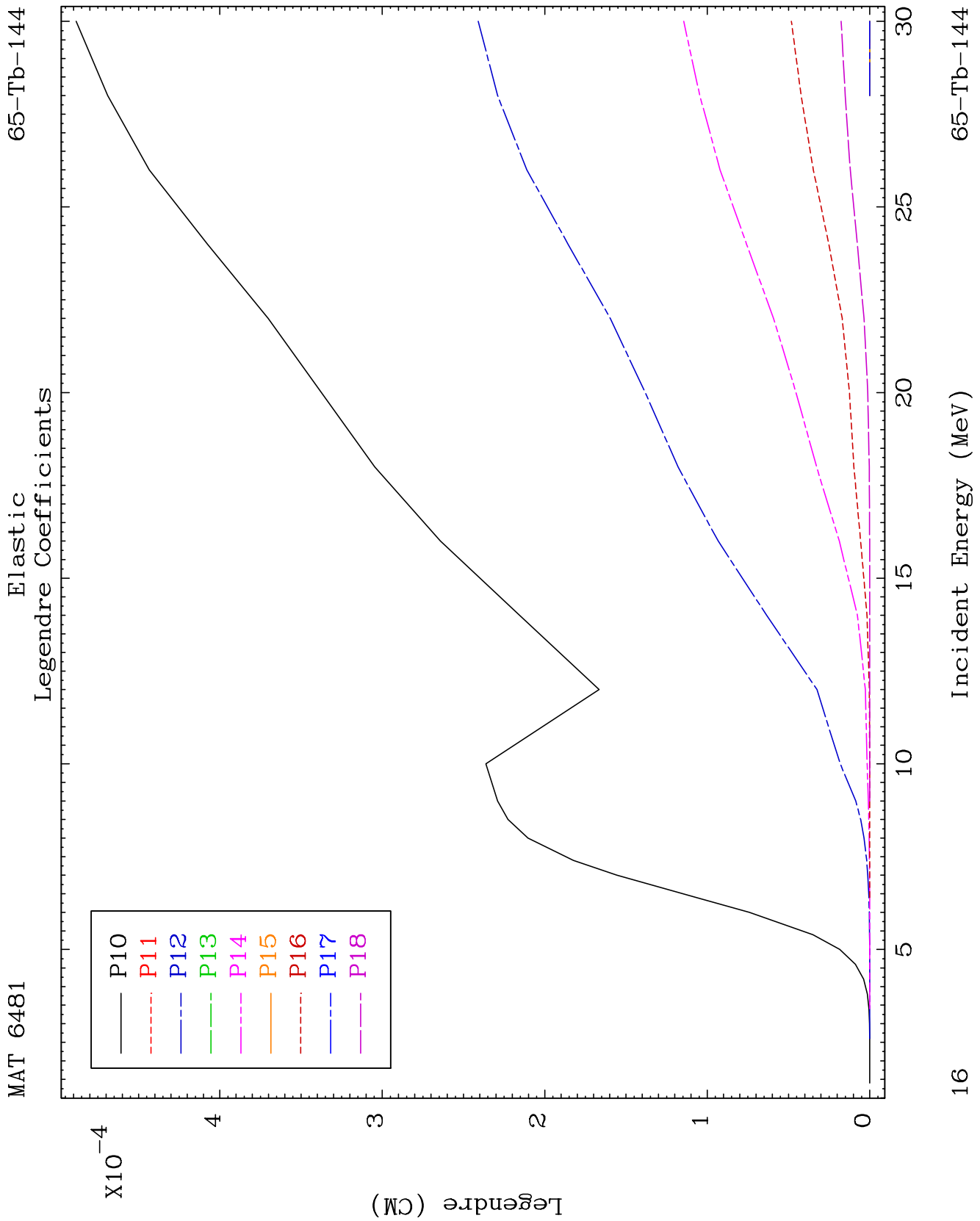
MAT 6481

(n, α) Levels
293 Kelvin Cross Sections

65-Tb-144



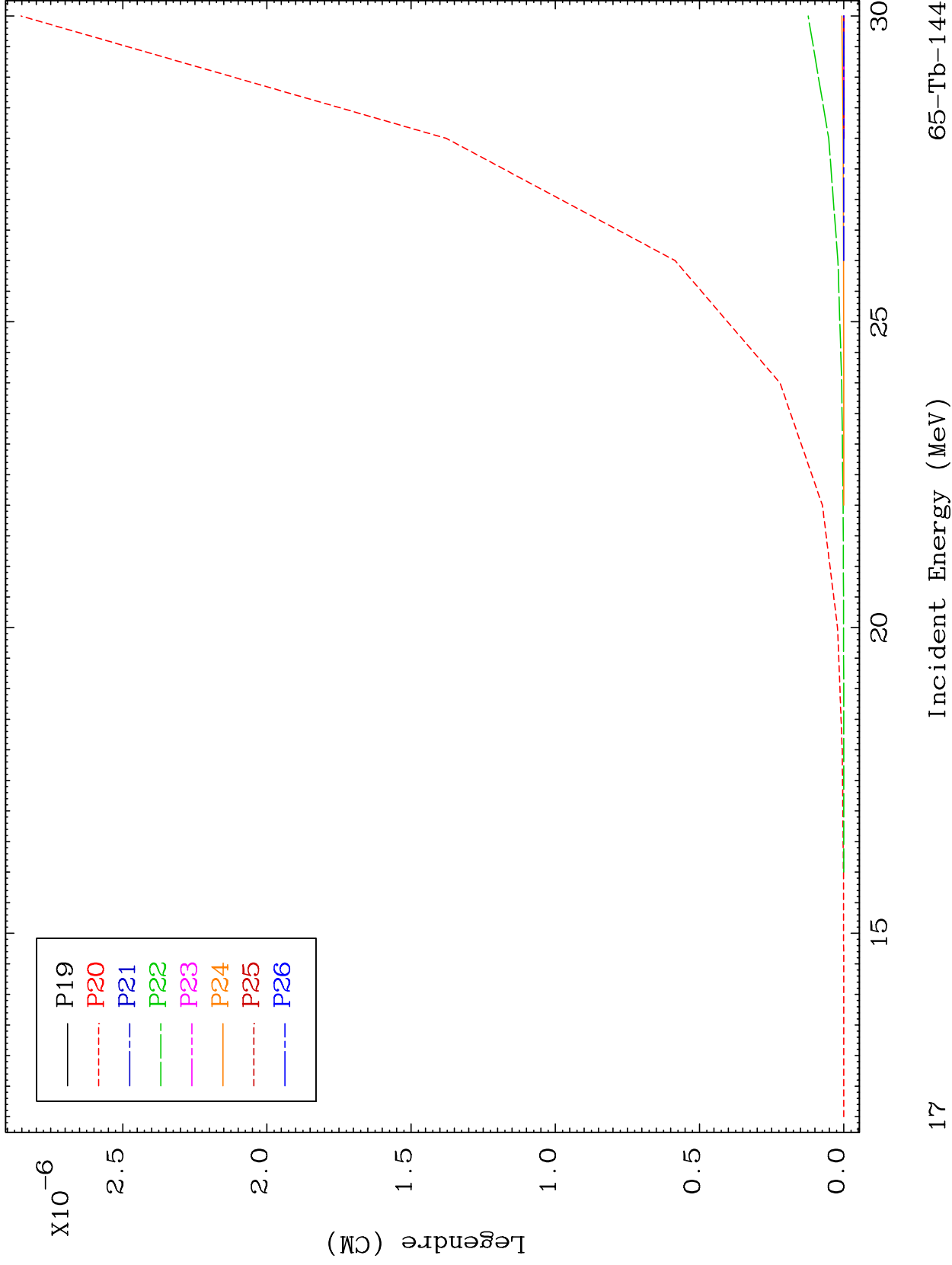




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Elastic Legendre Coefficients

65-Tb-144

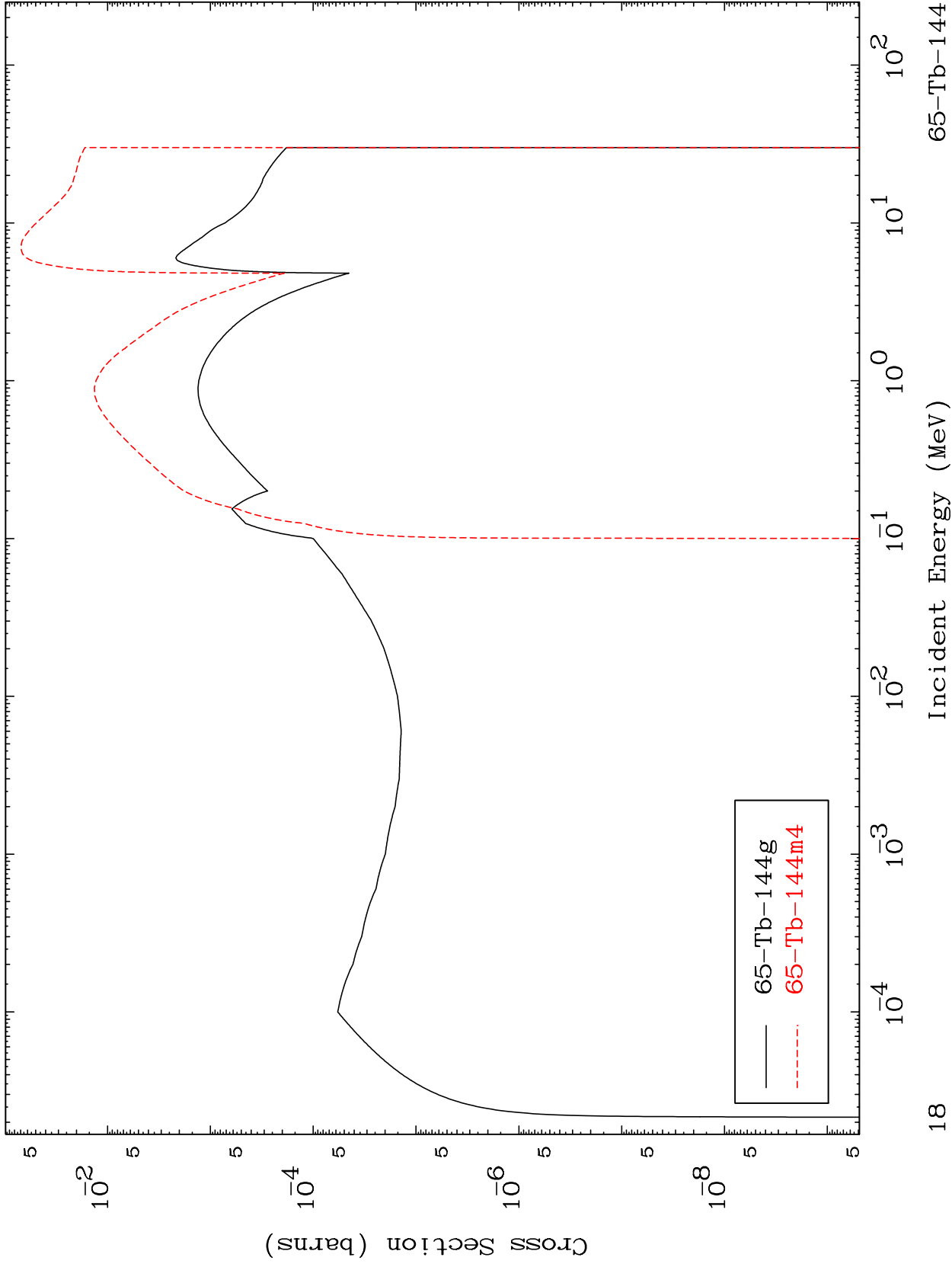


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MAT 6481

65-Tb-144

Inelastic
Radionuclide Production Cross Section

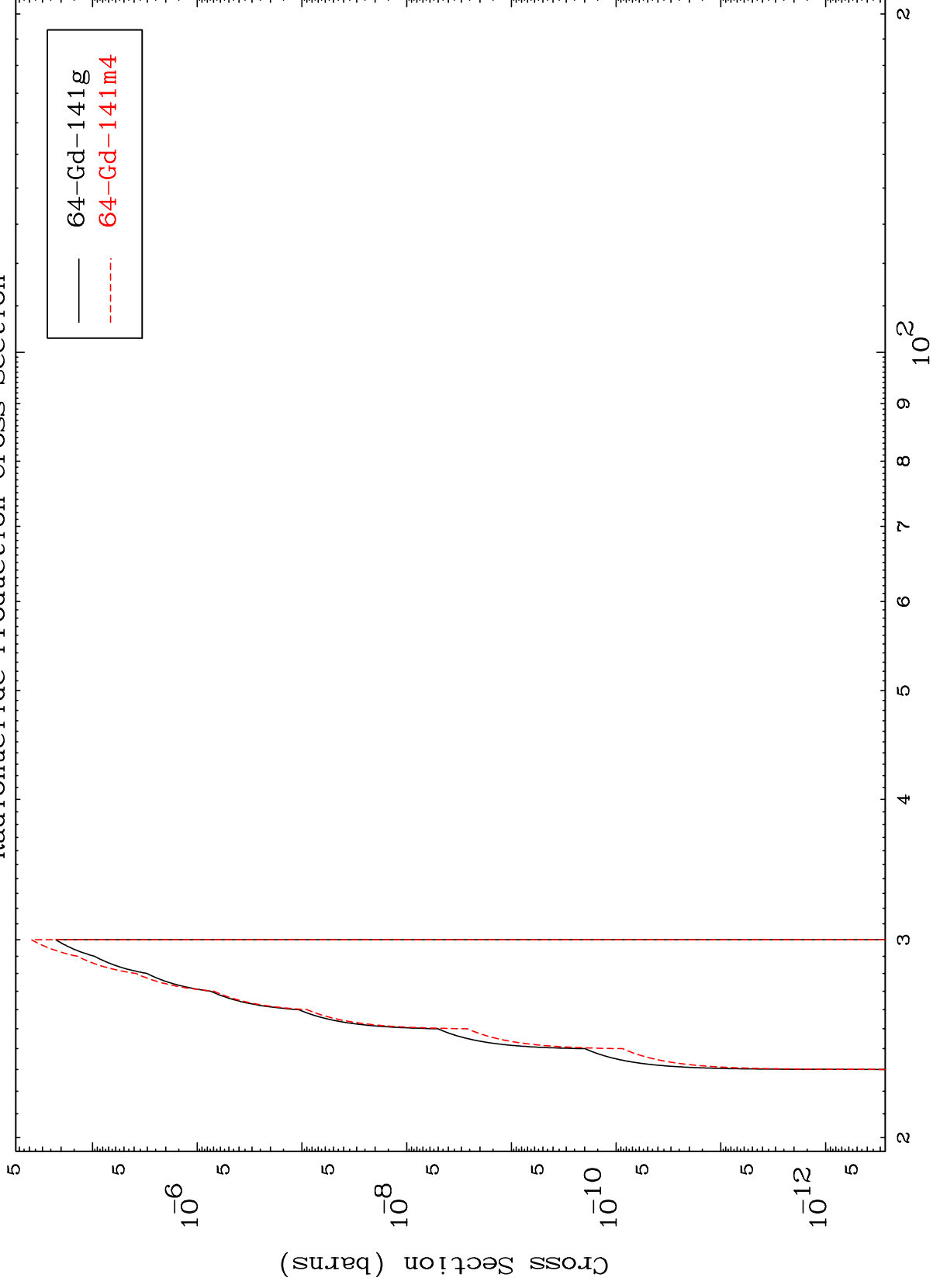


MAT 6481

(n,2n) d

65-Tb-144

Radionuclide Production Cross Section



19

Incident Energy (MeV)

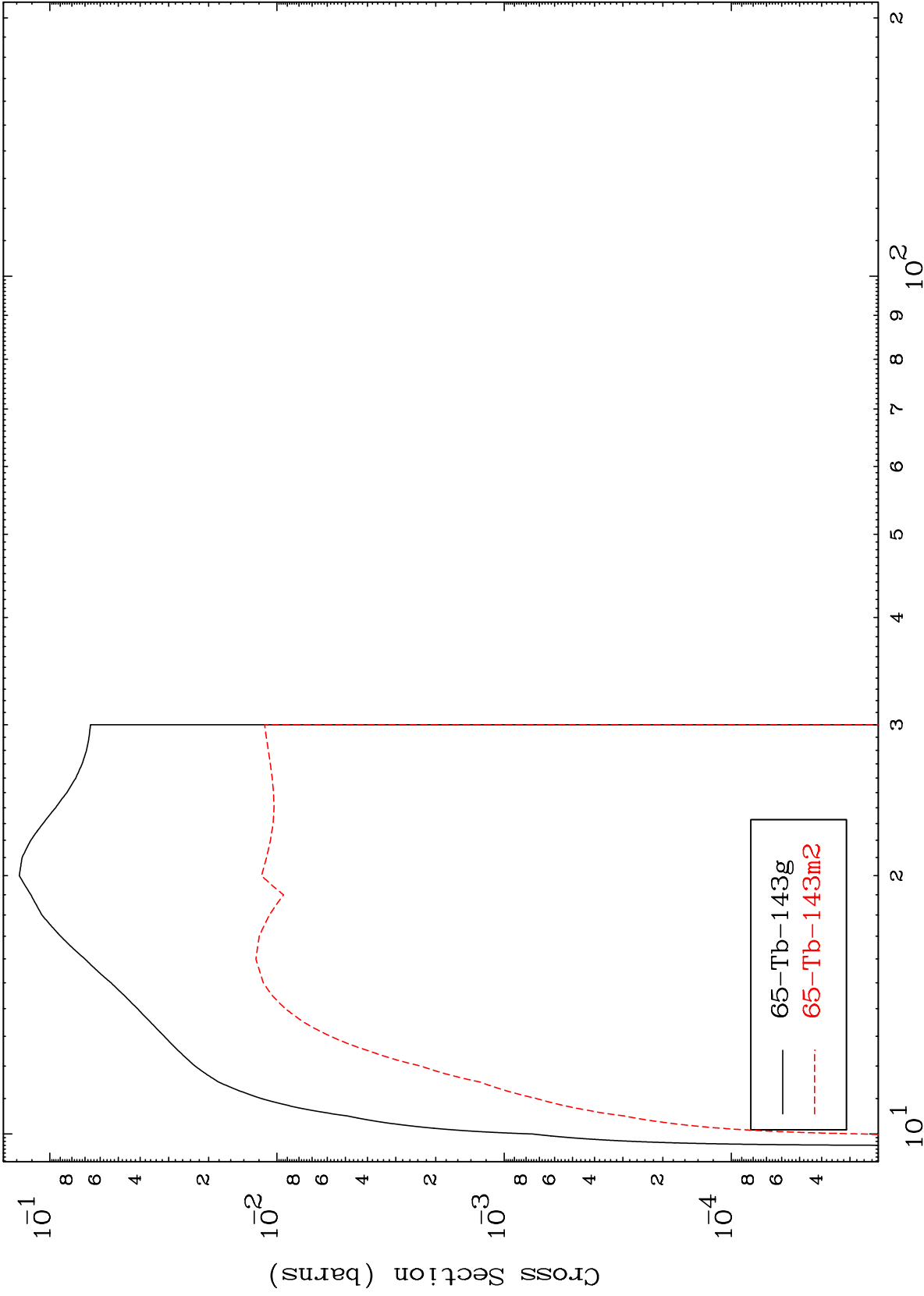
65-Tb-144

MAT 6481

(n,2n)

65-Tb-144

Radionuclide Production Cross Section



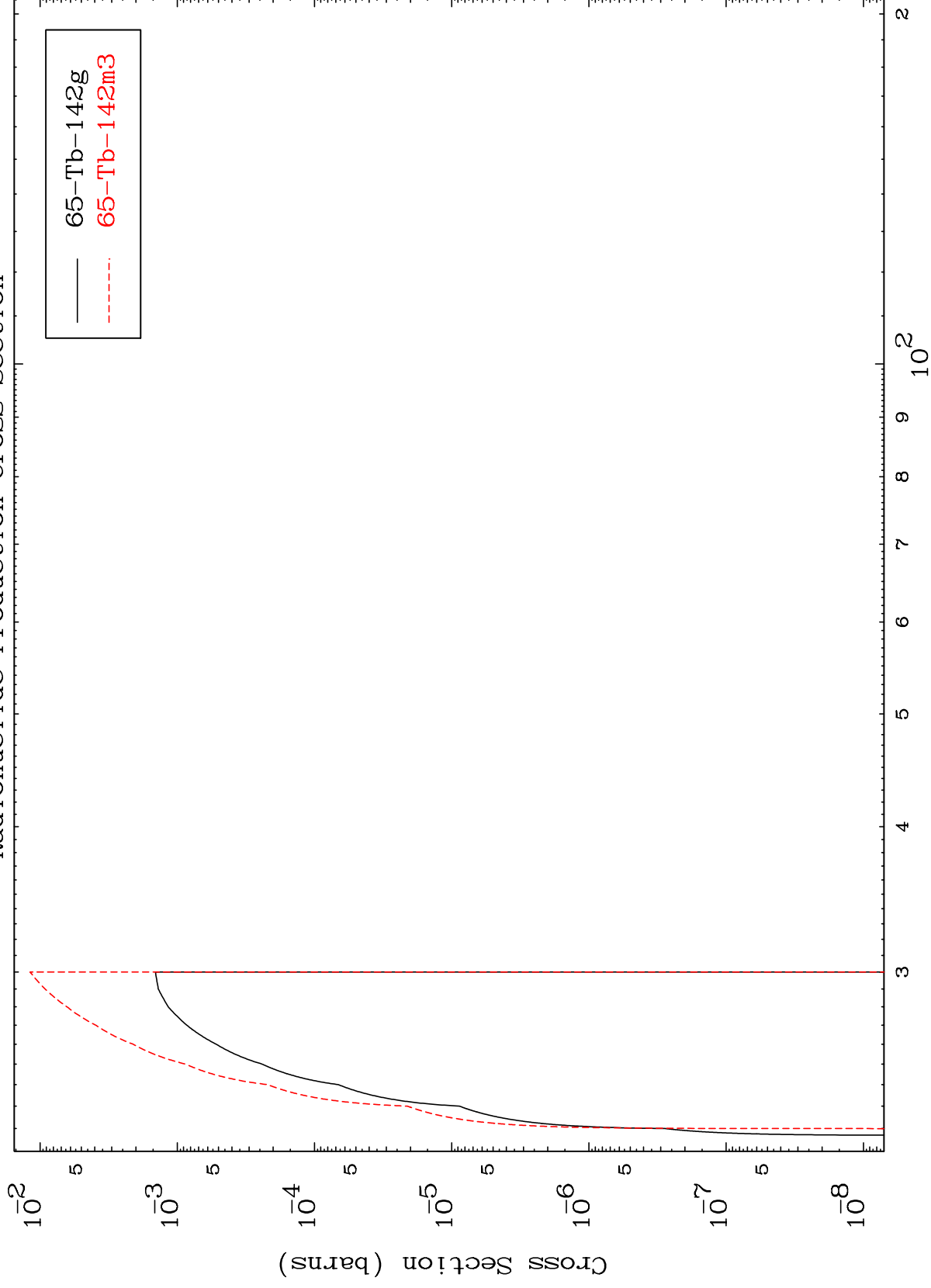
Incident Energy (MeV)

65-Tb-144

MAT 6481

65-Tb-144

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

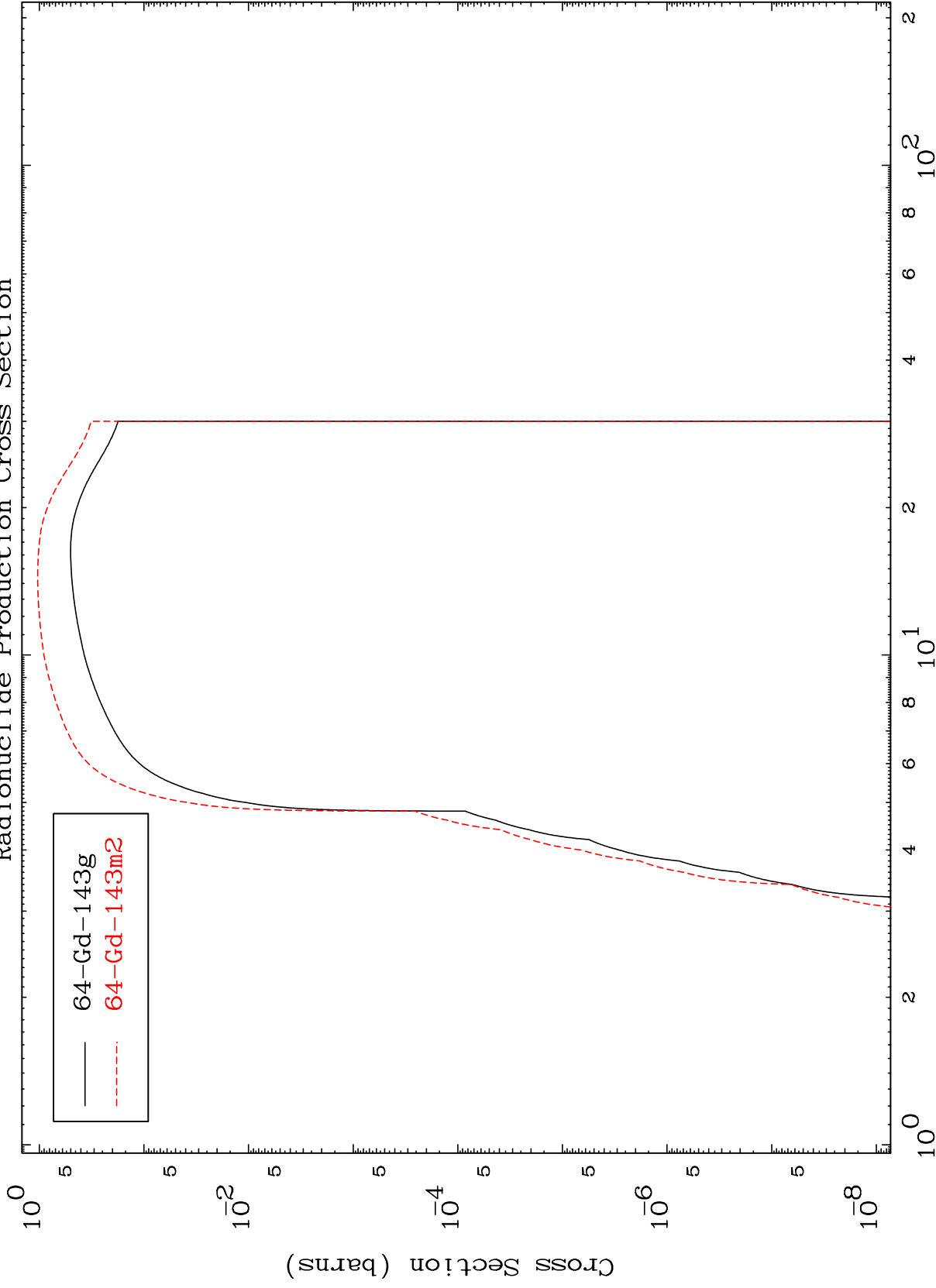
65-Tb-144

MAT 6481

(n,n') p

65-Tb-144

Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

Incident Energy (MeV)

65-Tb-144

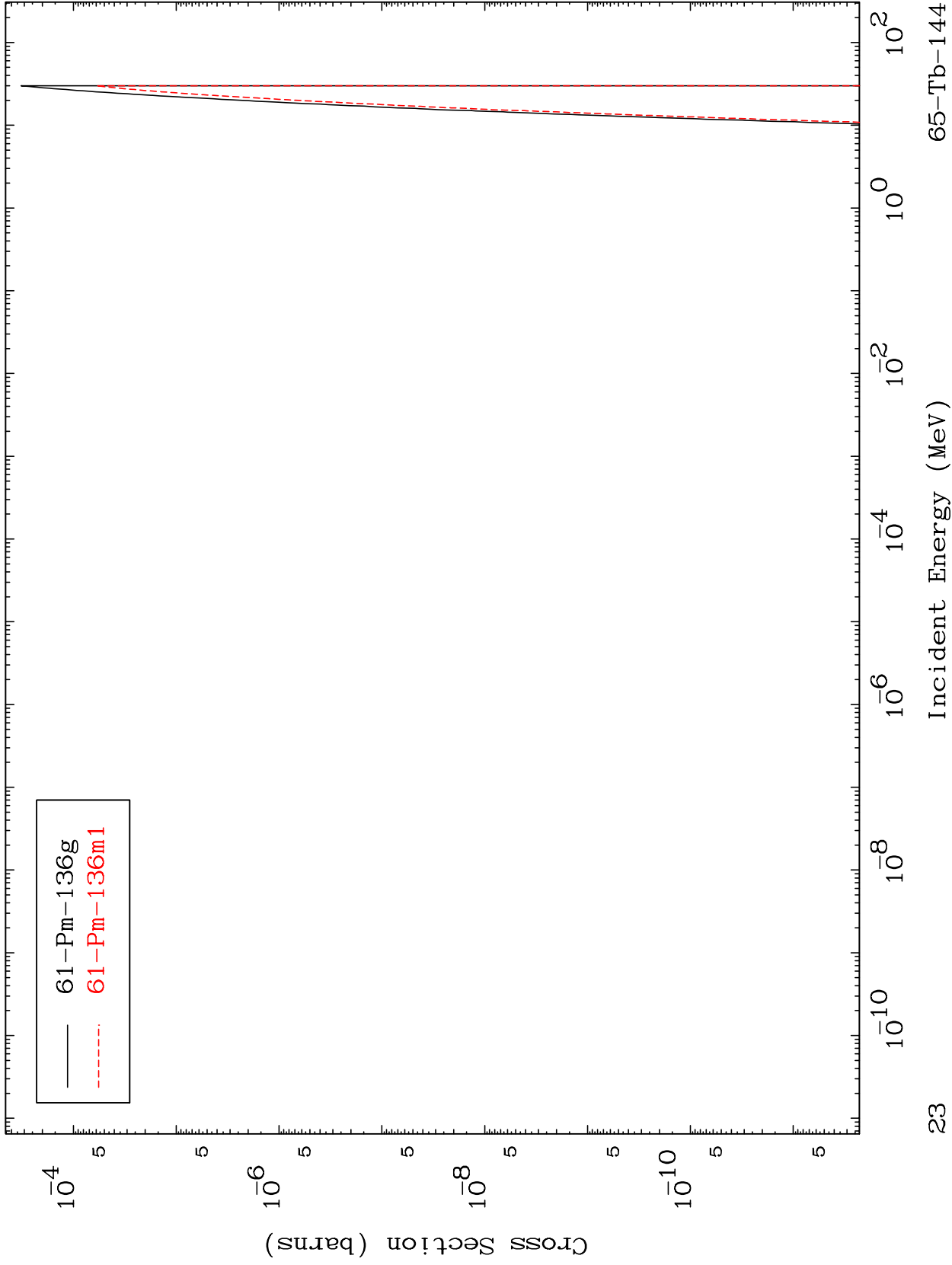
22

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(n,n') 2 α

65-Tb-144

Radionuclide Production Cross Section



23

Incident Energy (MeV)

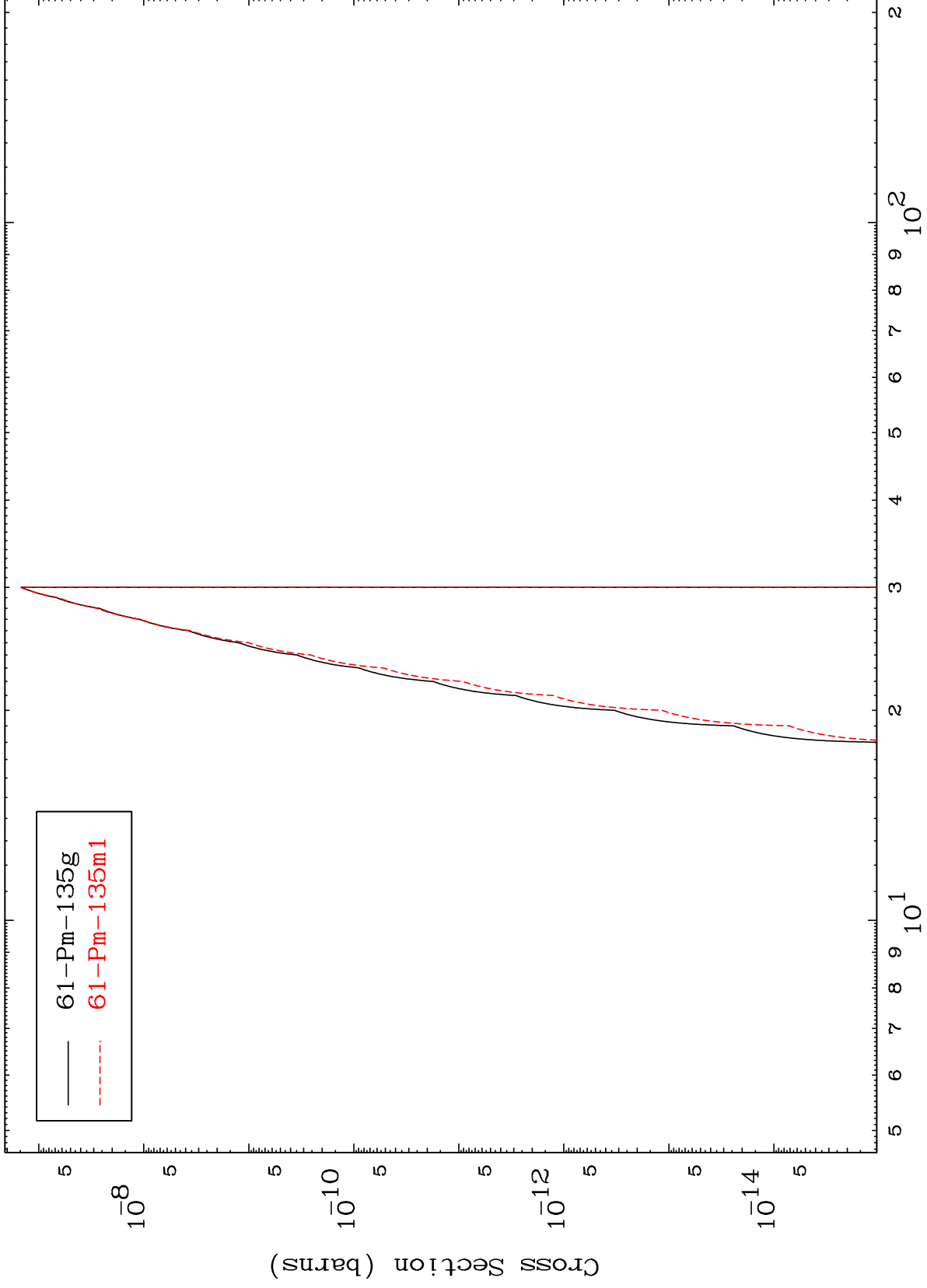
65-Tb-144

MAT 6481

(n,2n) 2α

65-Tb-144

Radionuclide Production Cross Section



24

Incident Energy (MeV)

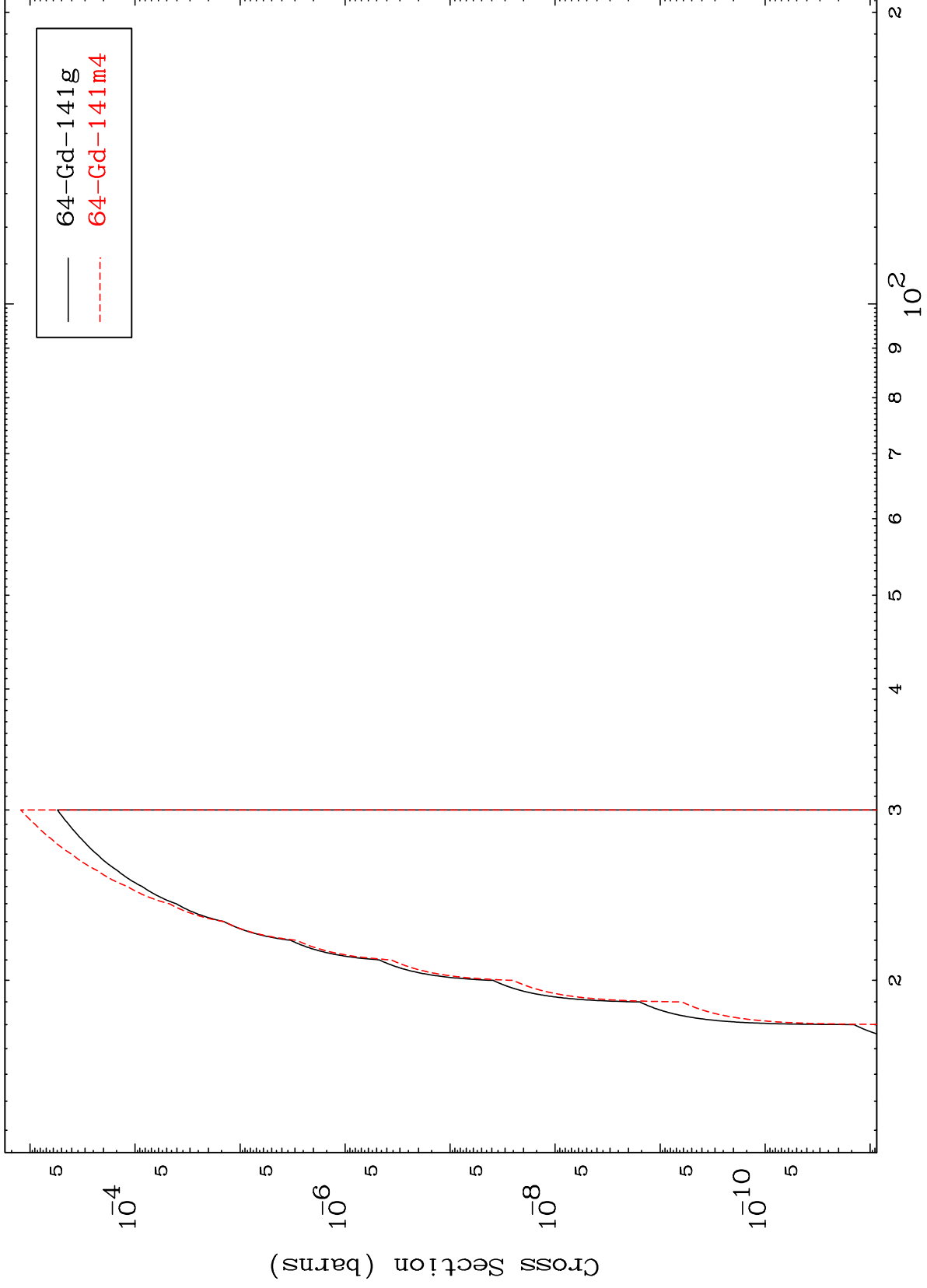
65-Tb-144

MAT 6481

(n,n') t

65-Tb-144

Radionuclide Production Cross Section



25

Incident Energy (MeV)

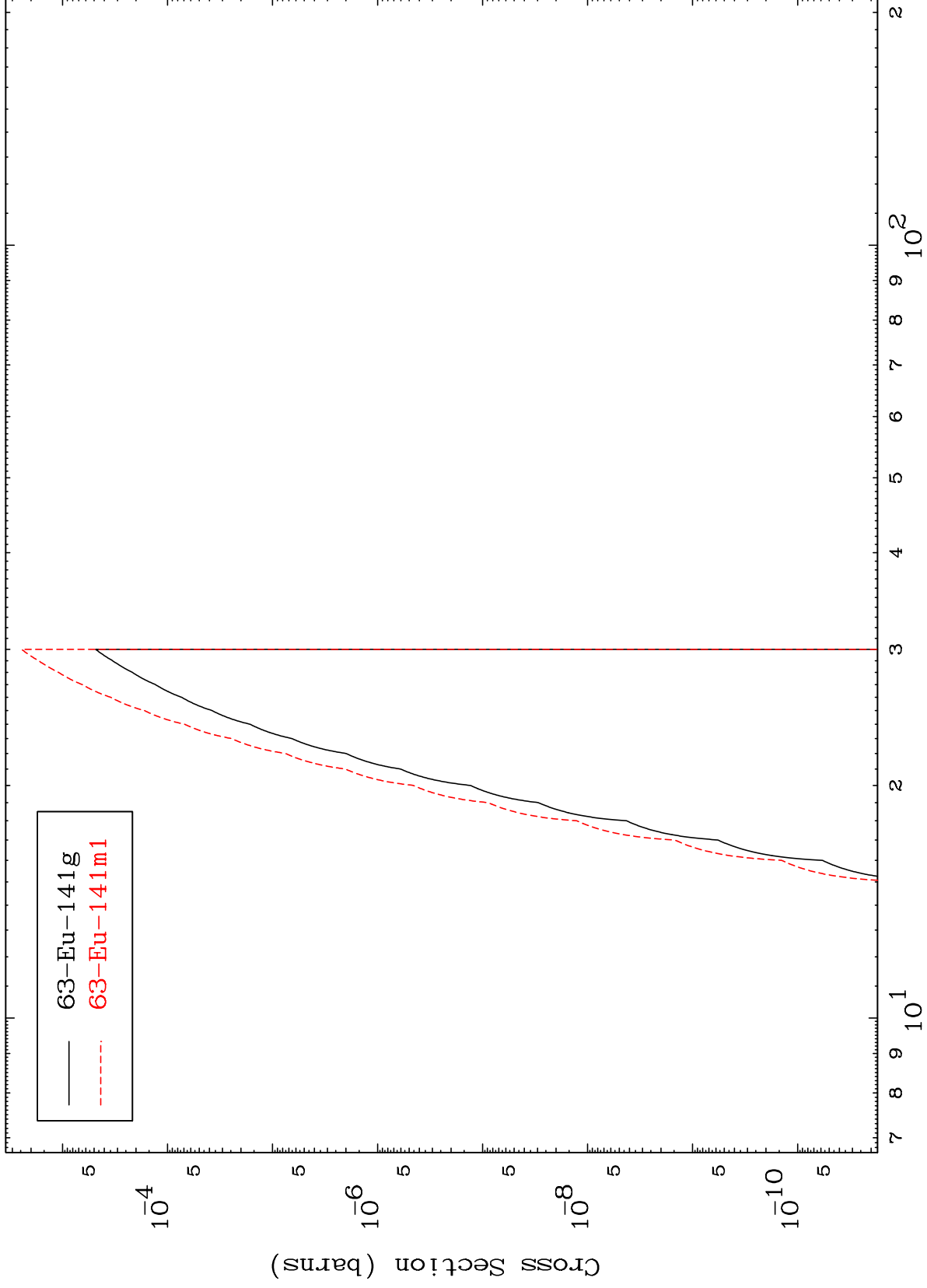
65-Tb-144

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(n,n') He-3

65-Tb-144

Radionuclide Production Cross Section

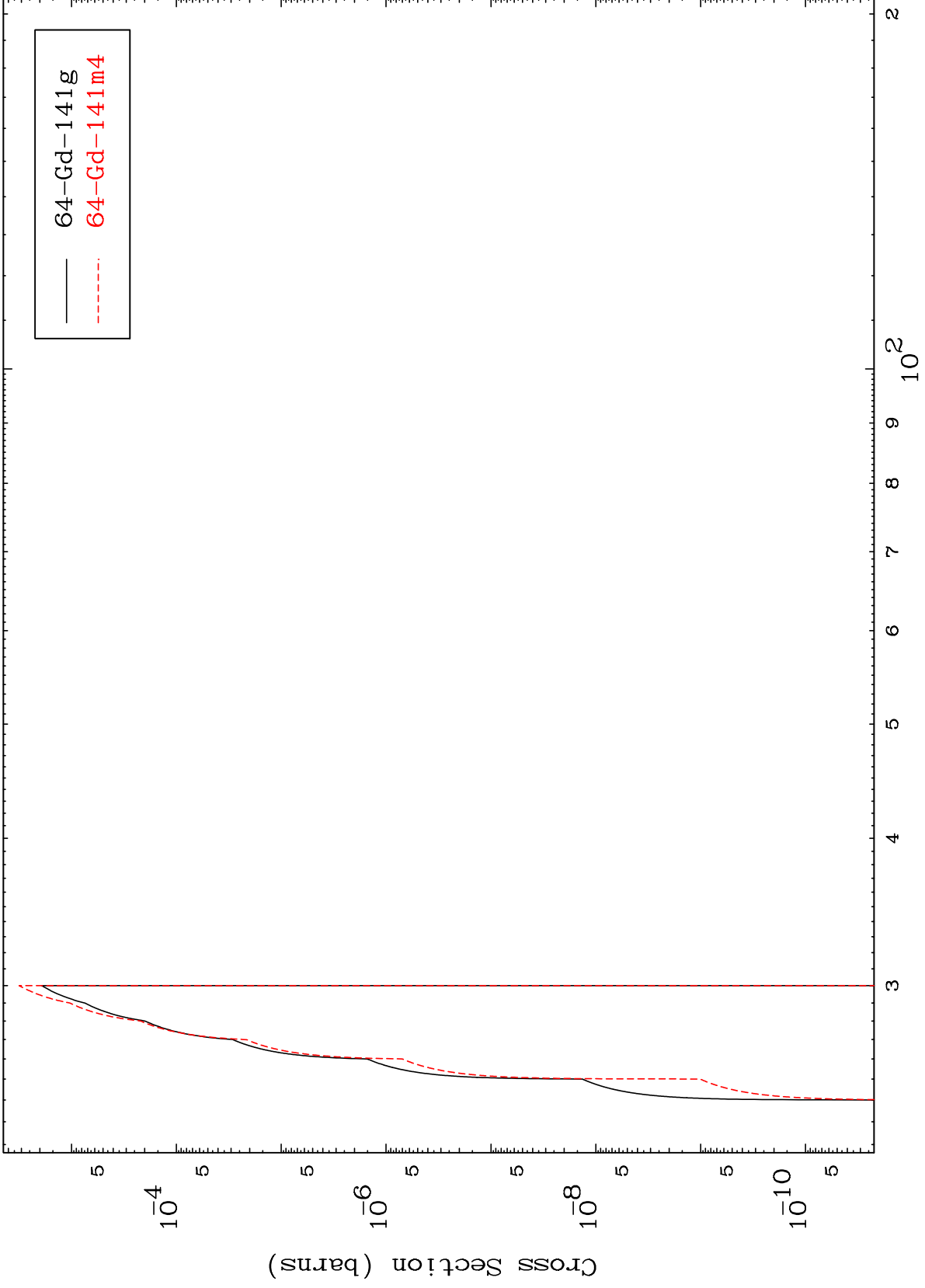


26

Incident Energy (MeV)

65-Tb-144

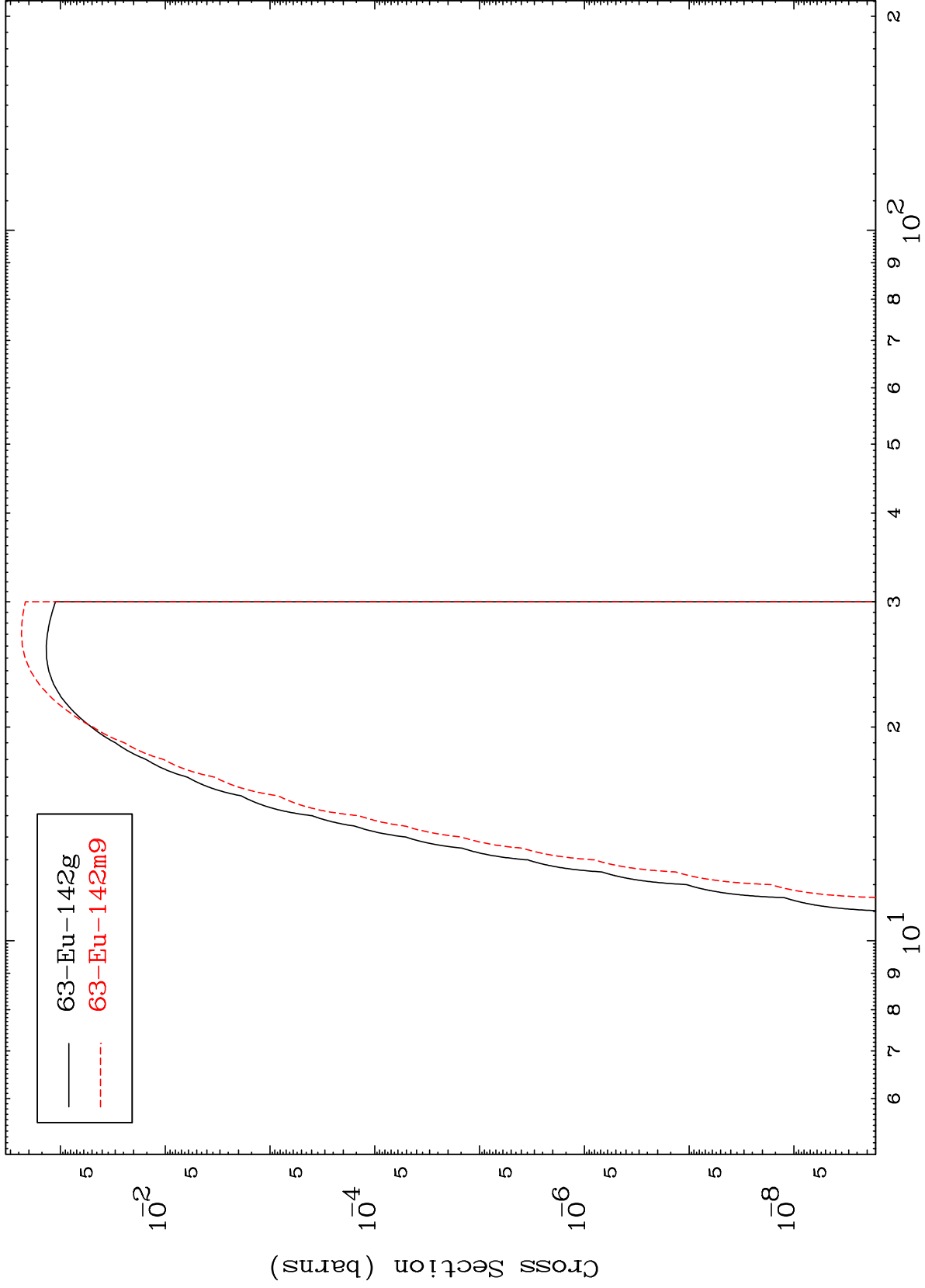
Radionuclide Production Cross Section



MAT 6481

65-Tb-144

(n,2n) p
Radionuclide Production Cross Section



28

Incident Energy (MeV)

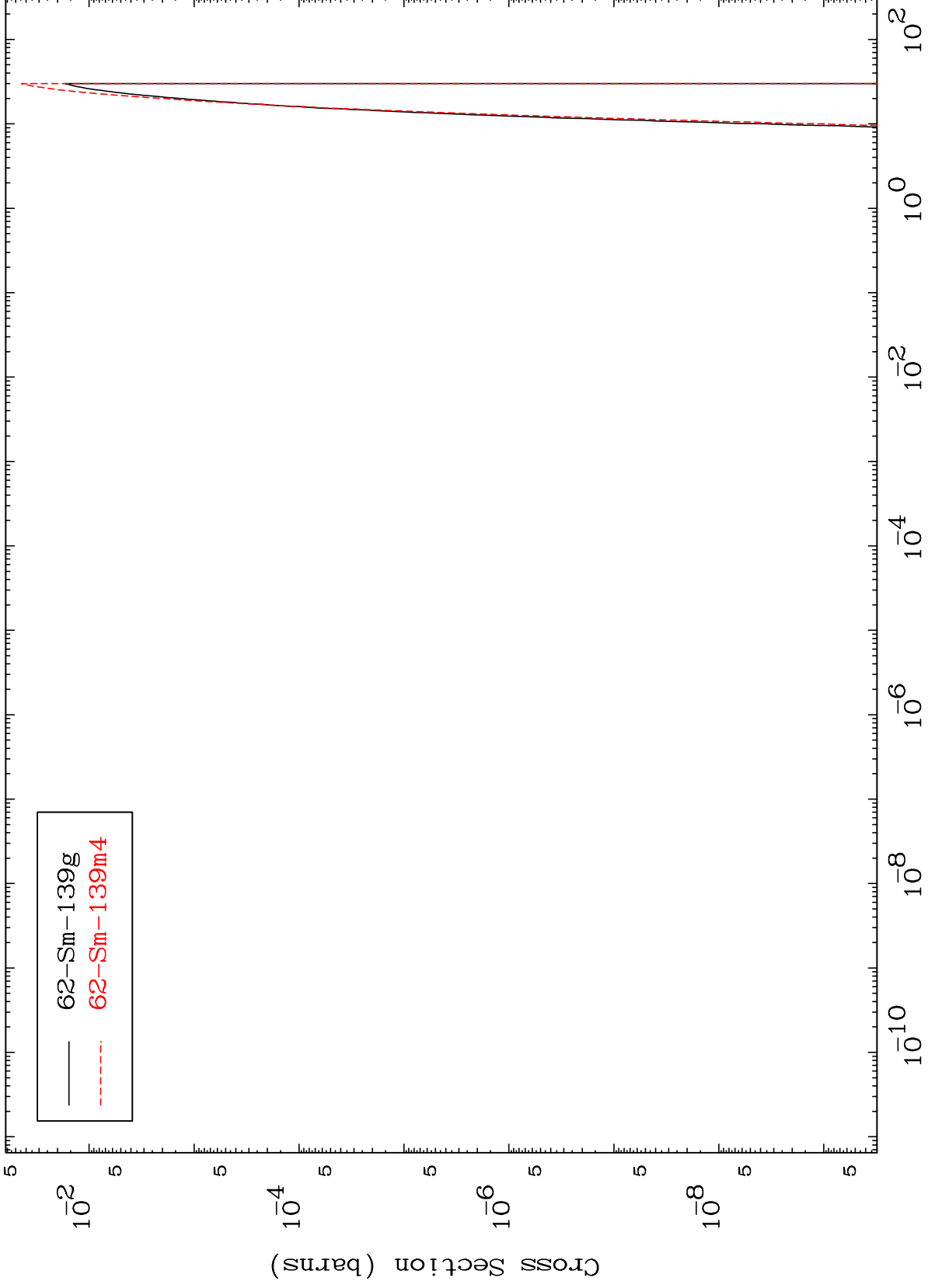
65-Tb-144

MAT 6481

(n,n') p α

65-Tb-144

Radionuclide Production Cross Section



29

Incident Energy (MeV)

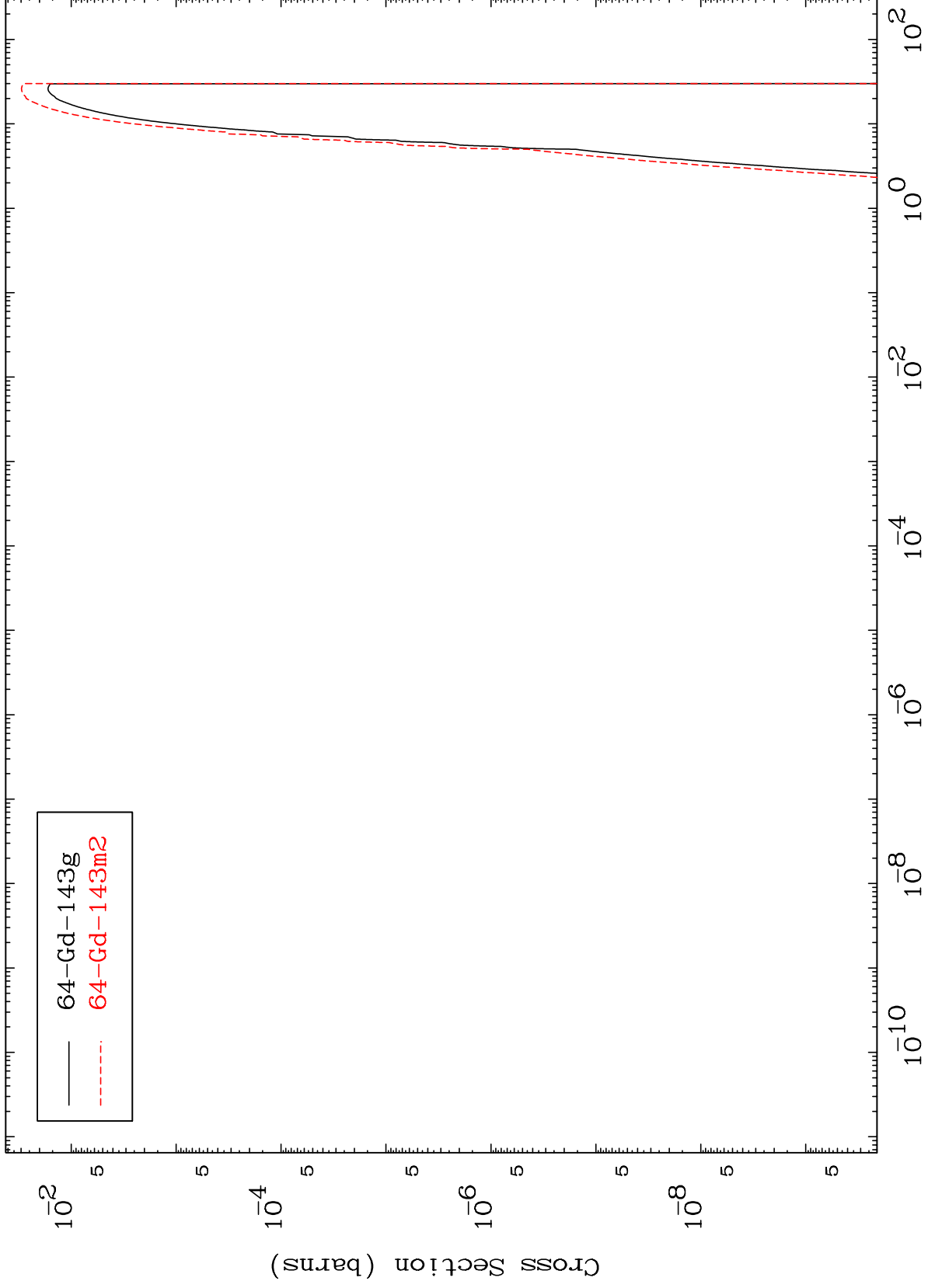
65-Tb-144

MAT 6481

(n,d)

65-Tb-144

Radionuclide Production Cross Section



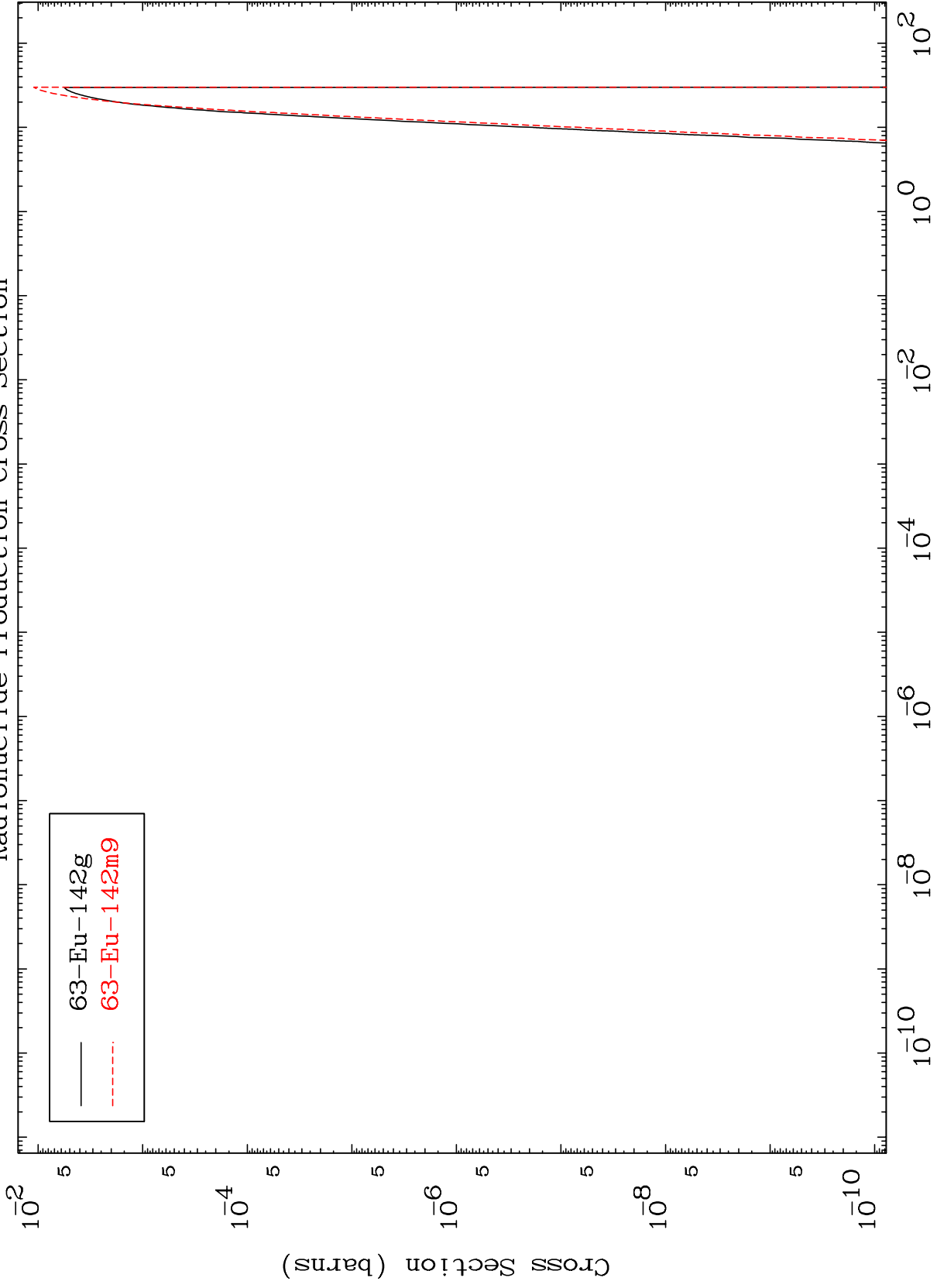
64-Gd-143g
64-Gd-143m2

MAT 6481

(n,He-3)

65-Tb-144

Radionuclide Production Cross Section



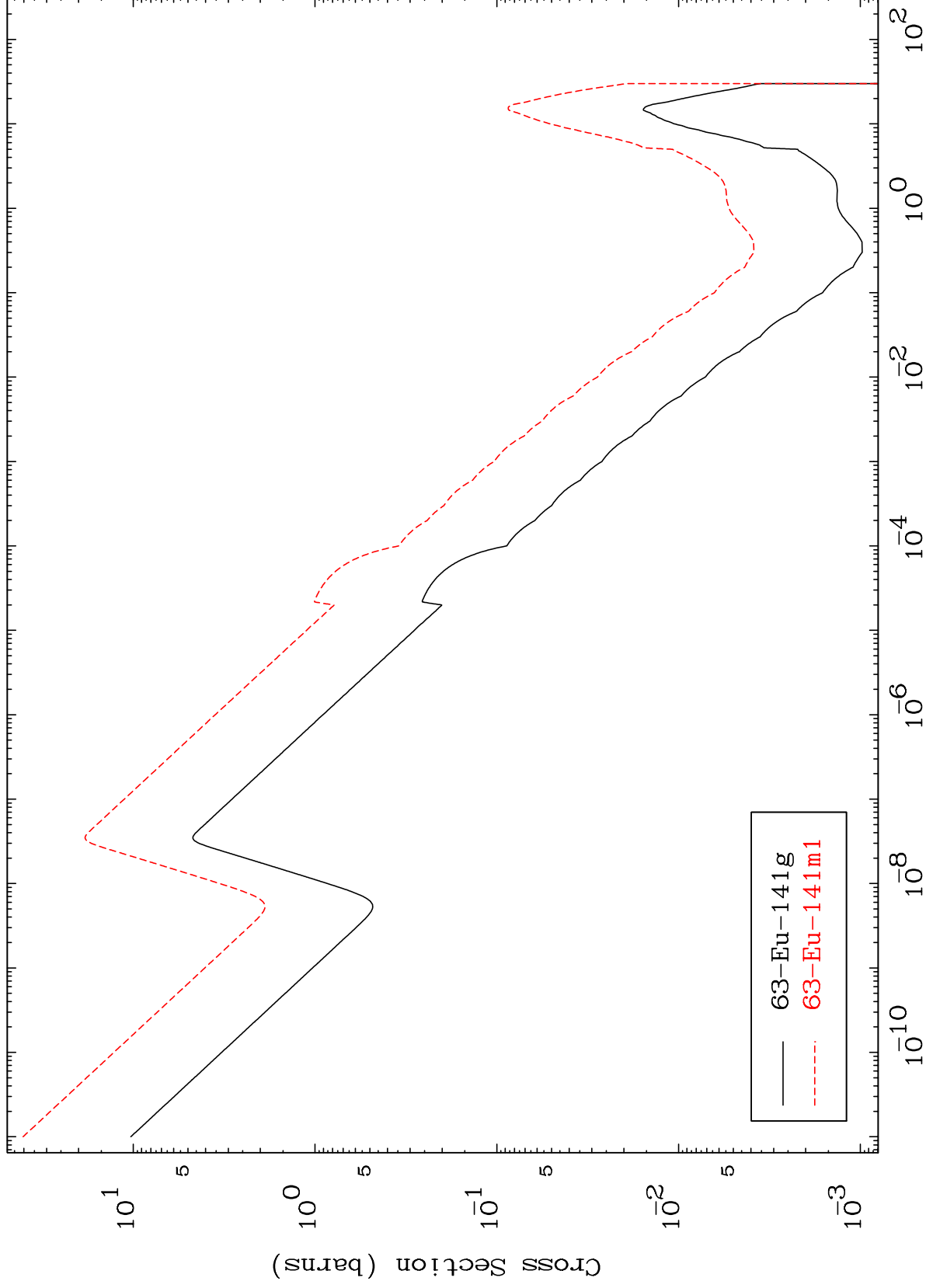
65-Tb-144

MAT 6481

(n, α)

65-Tb-144

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-144

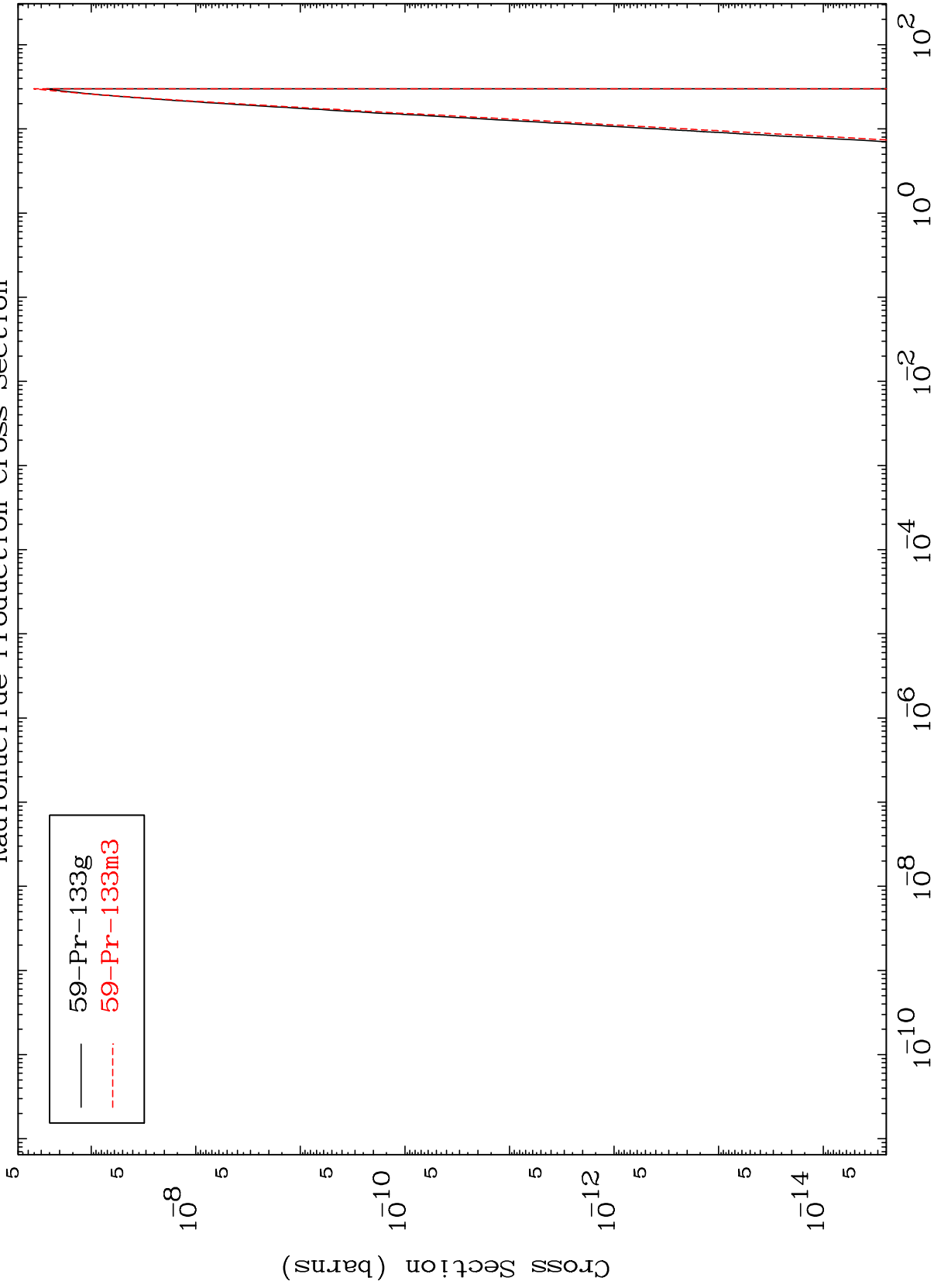
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(n,3α)

65-Tb-144

Radionuclide Production Cross Section



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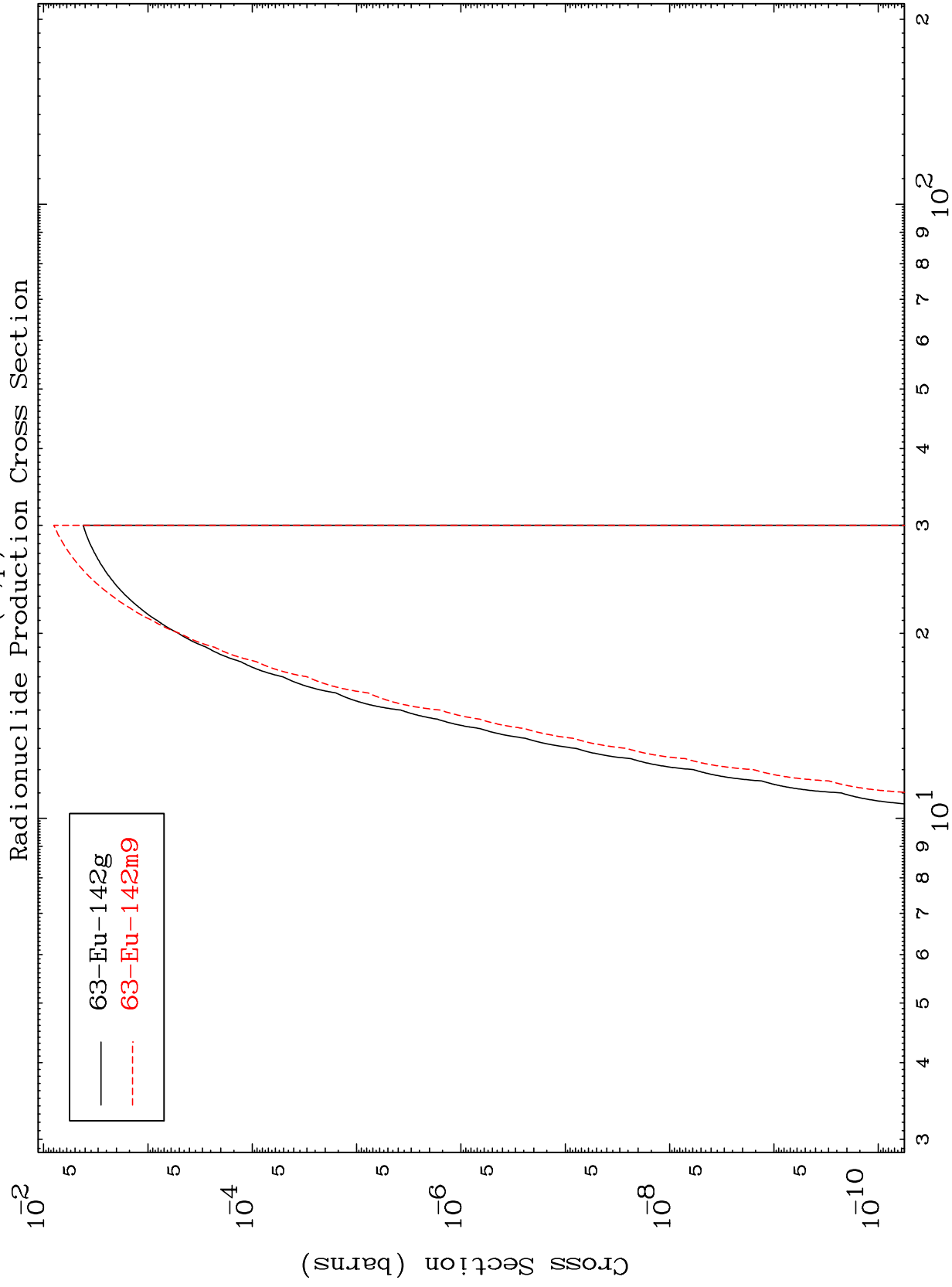
Incident Energy (MeV)

65-Tb-144

MAT 6481

(n,p) d

65-Tb-144



34

Incident Energy (MeV)

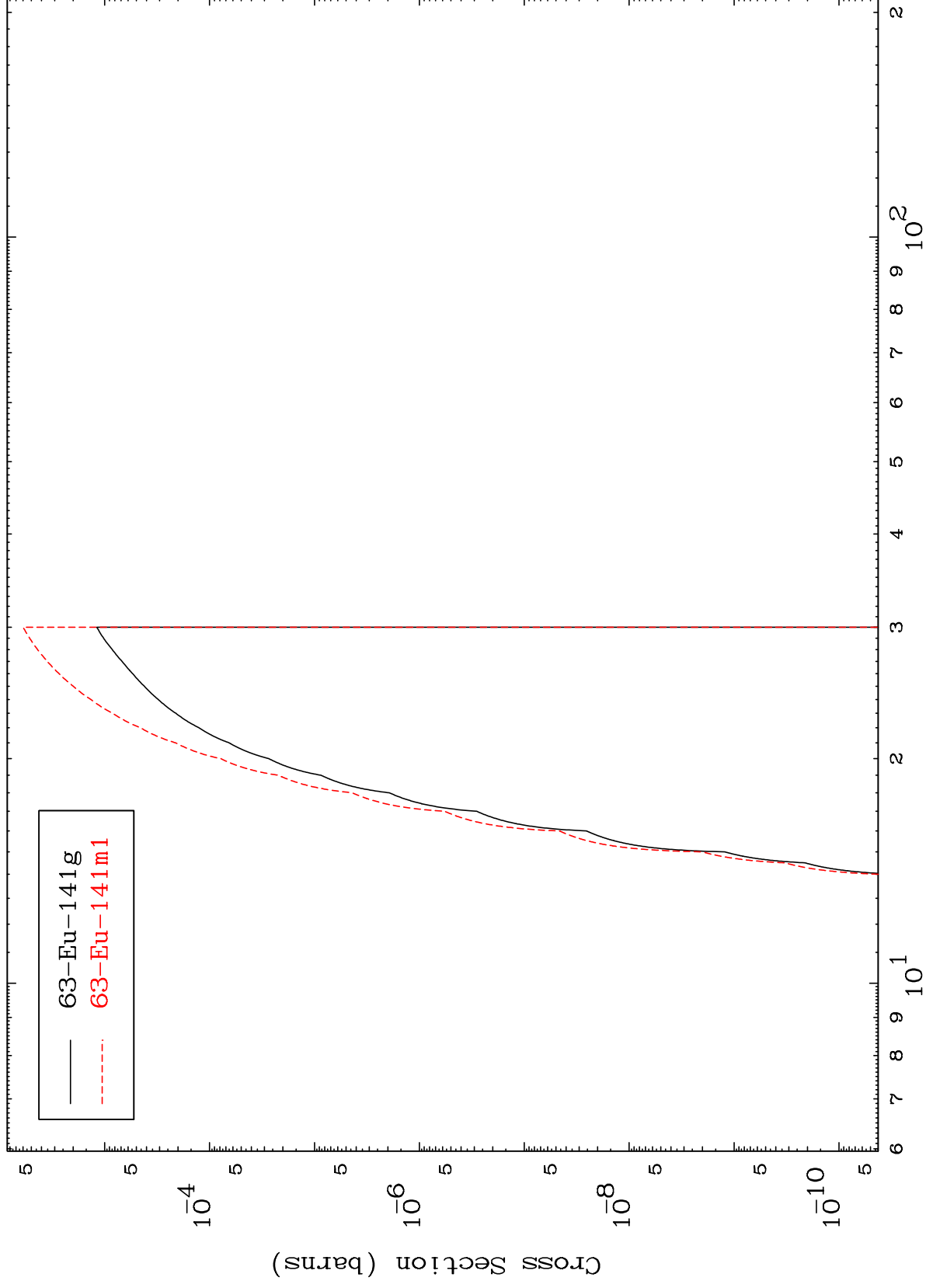
65-Tb-144

MAT 6481

(n,p) t

65-Tb-144

Radionuclide Production Cross Section



35

Incident Energy (MeV)

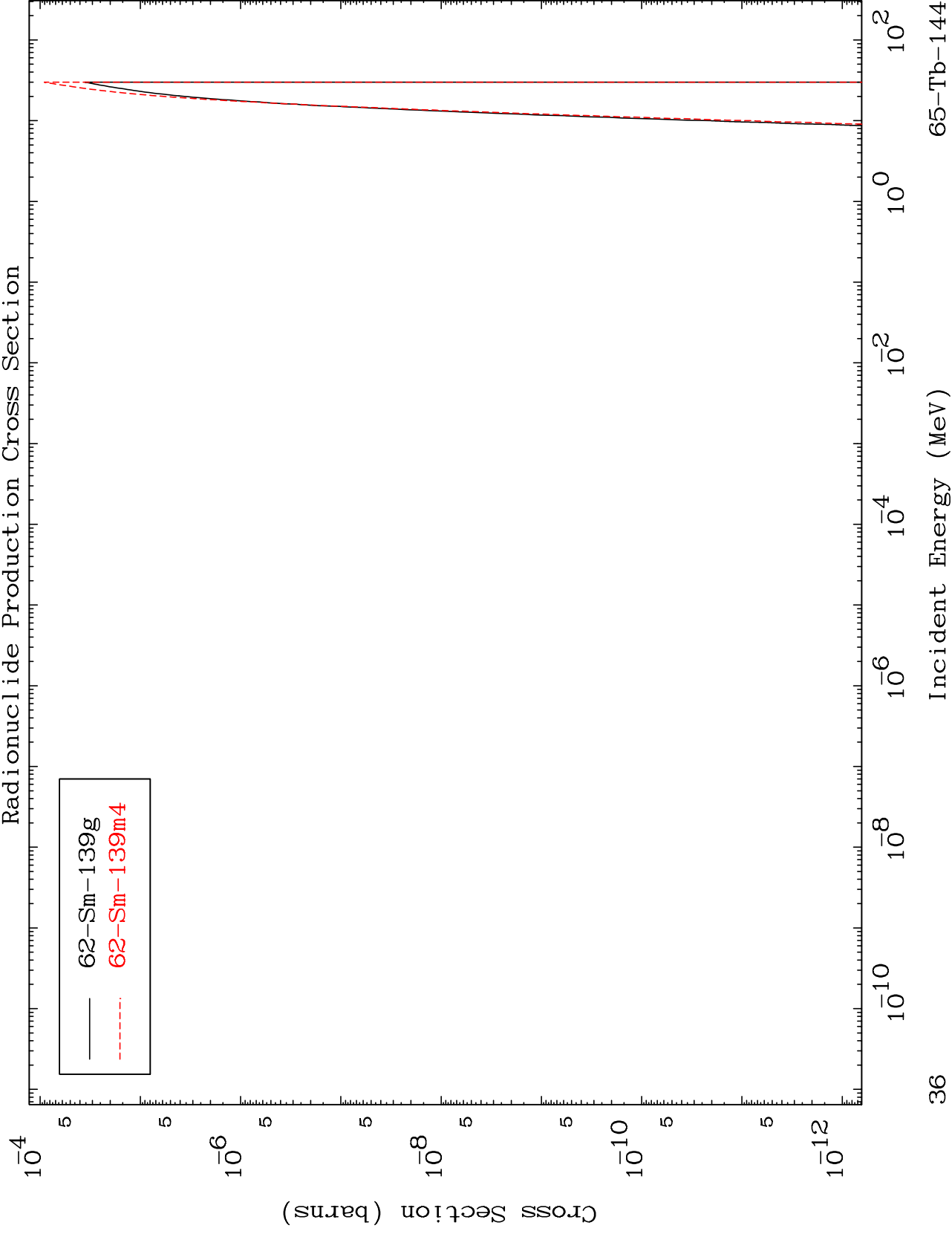
65-Tb-144

MAT 6481

(n,d) α

65-Tb-144

Radionuclide Production Cross Section



36

Incident Energy (MeV)

65-Tb-144