

Program EVALPLOT
(Version 2021-1)

by

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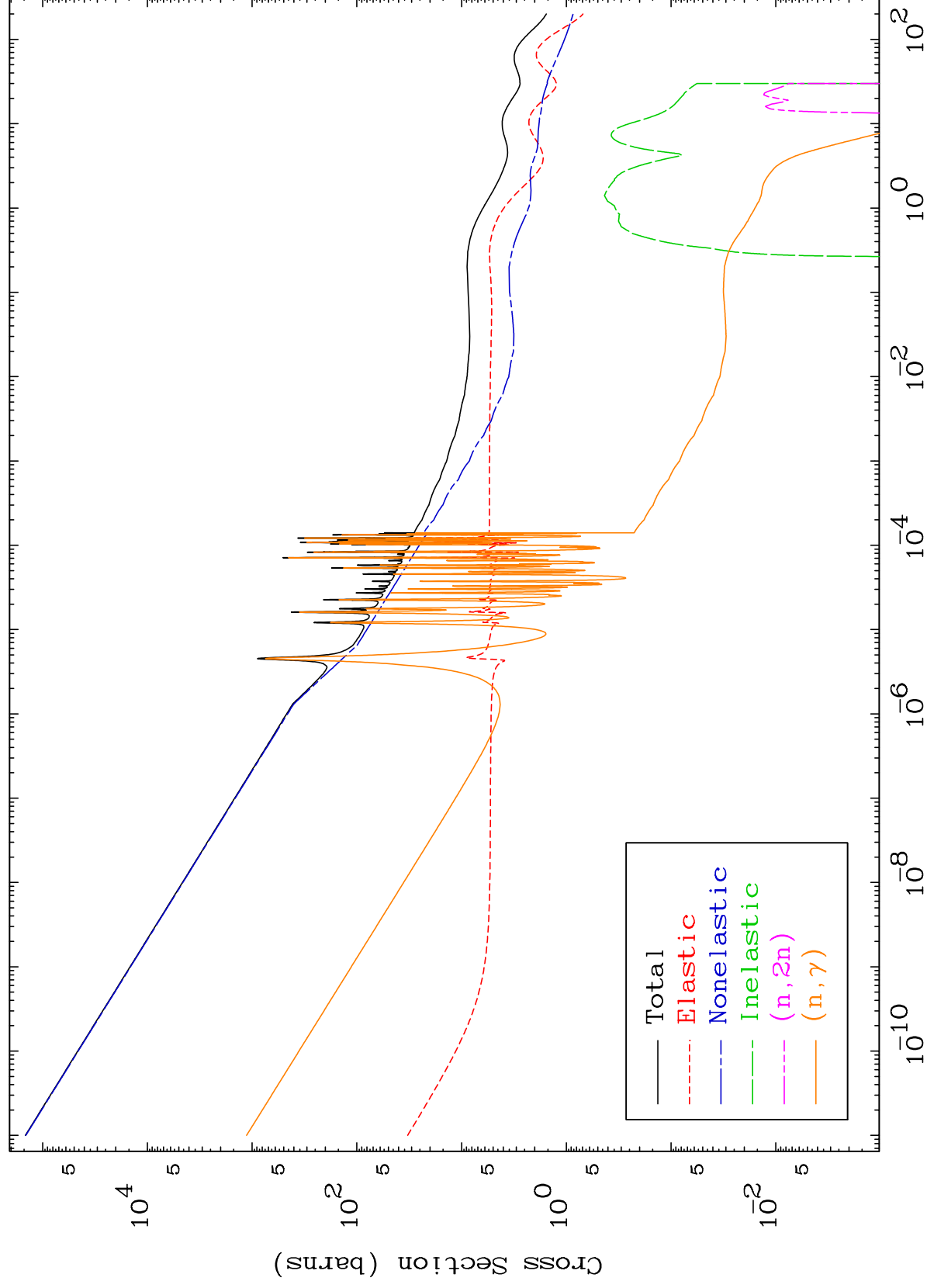
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4108

Neutron Major
293 Kelvin Cross Sections

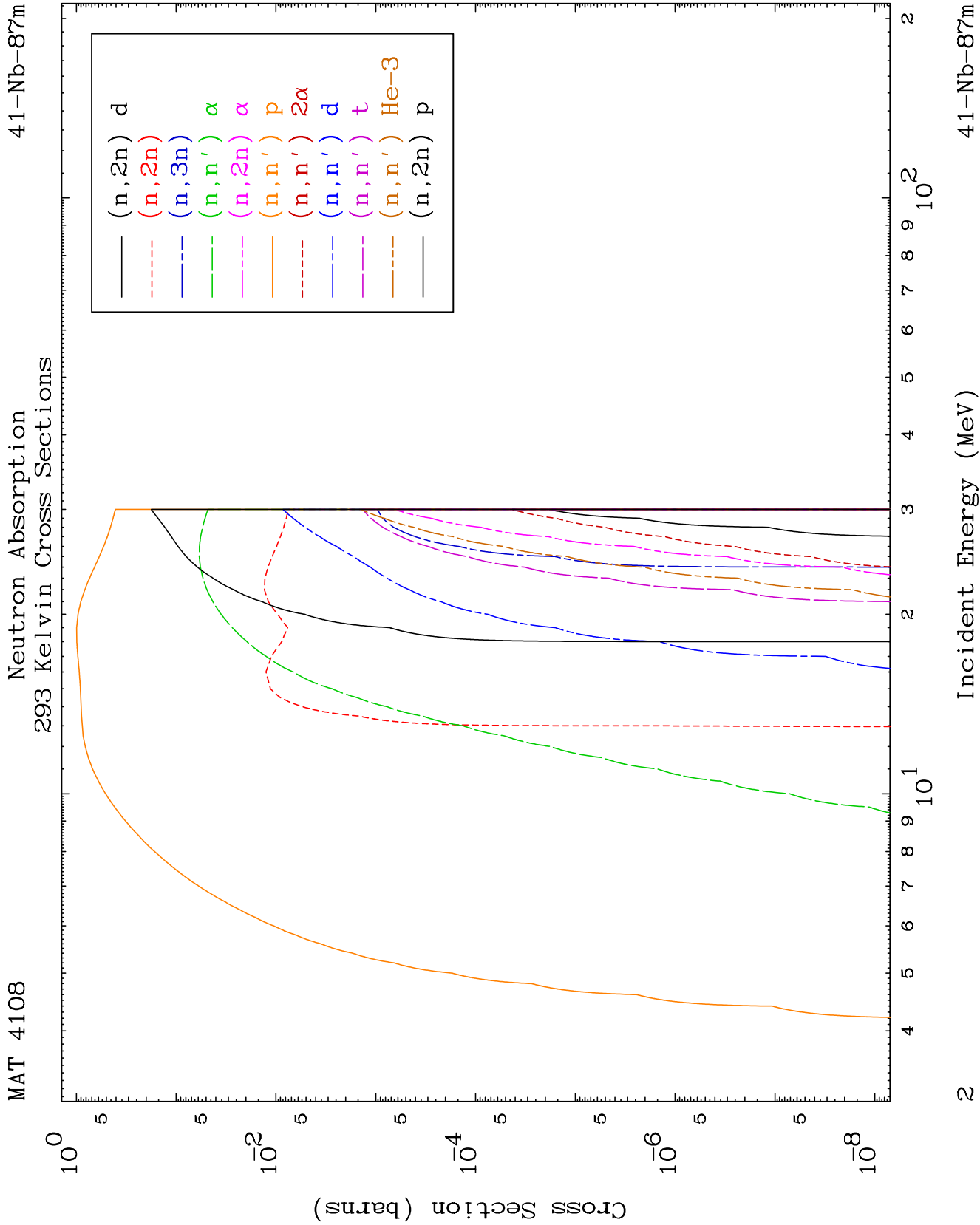
41-Nb-87m

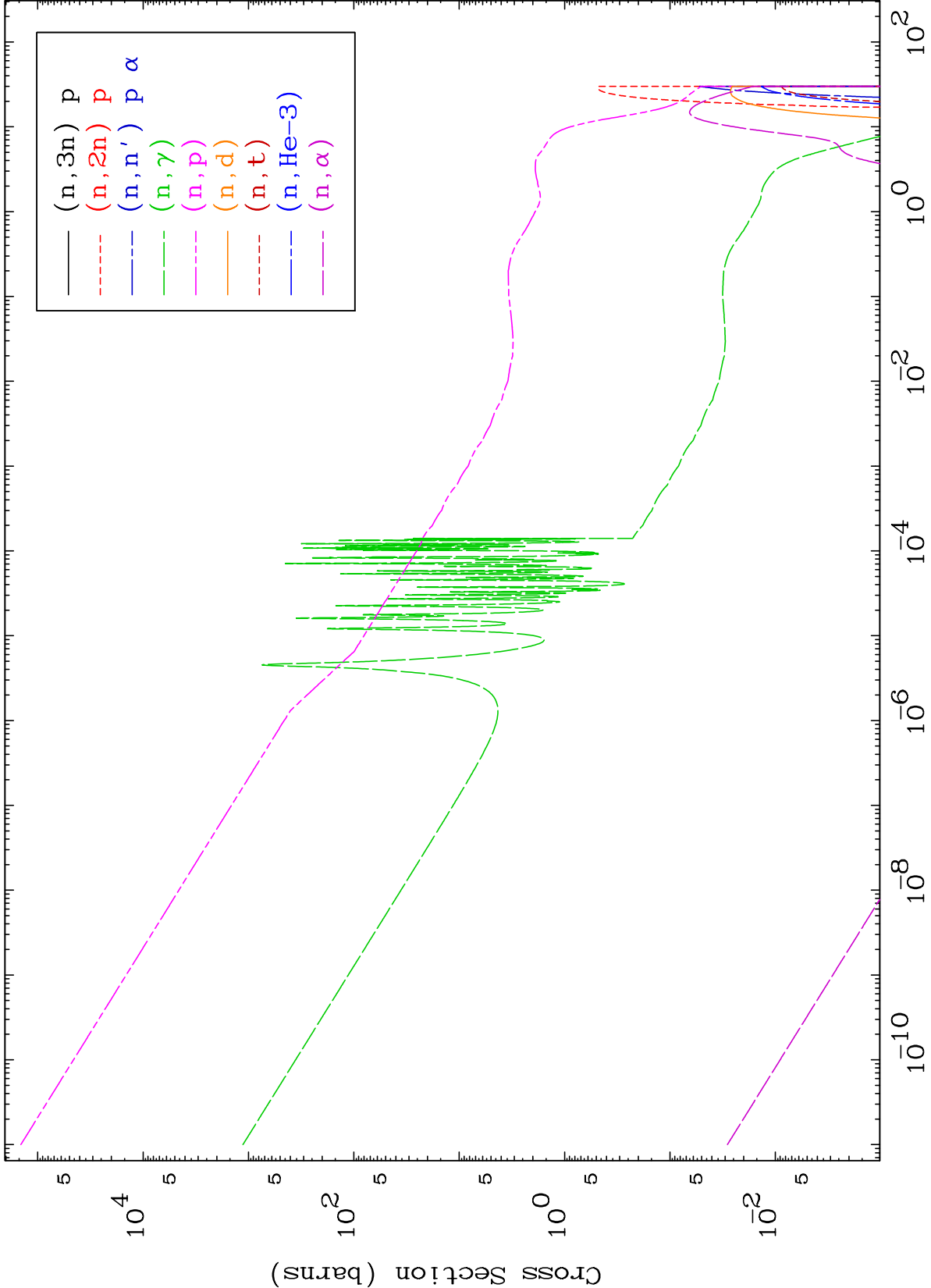


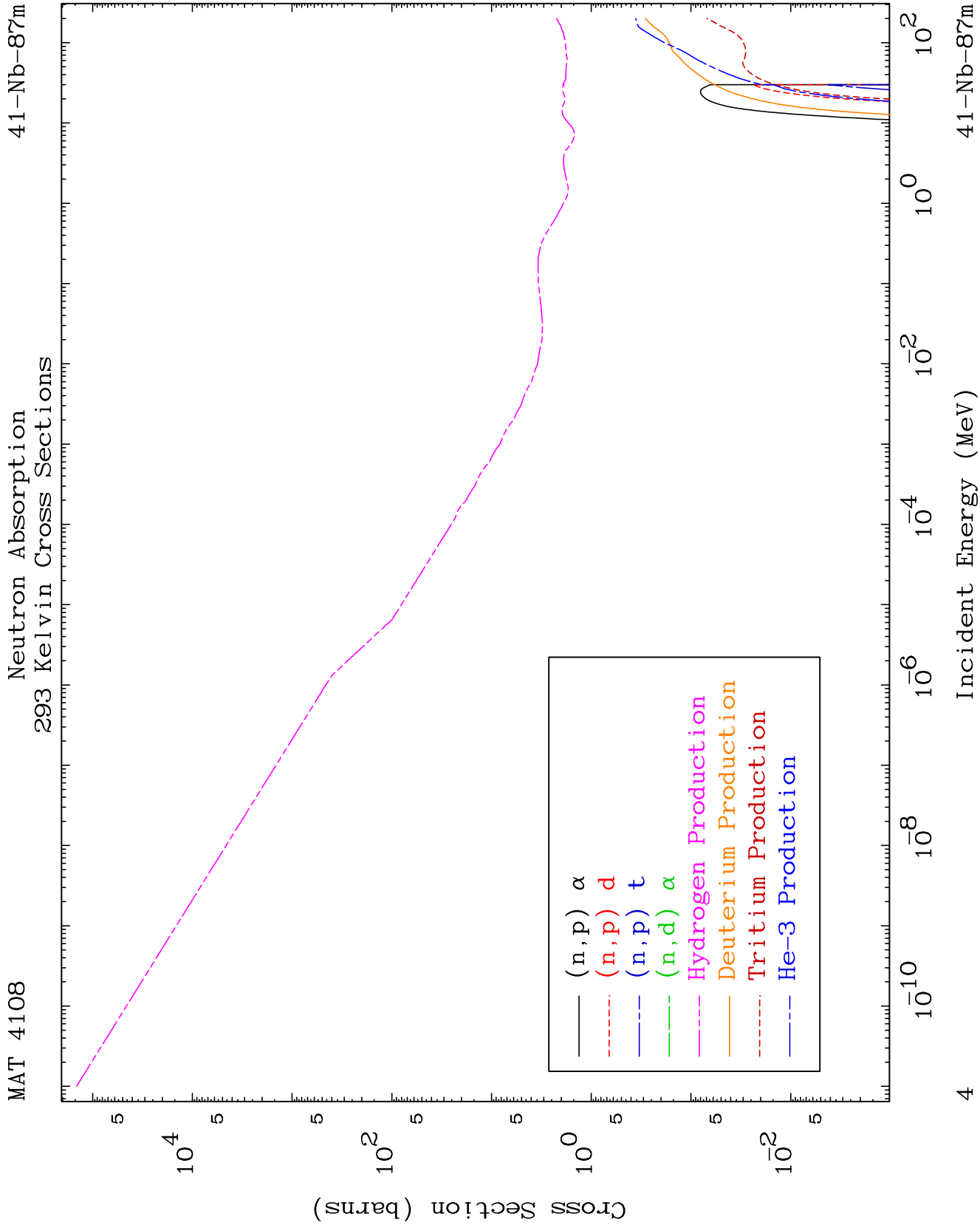
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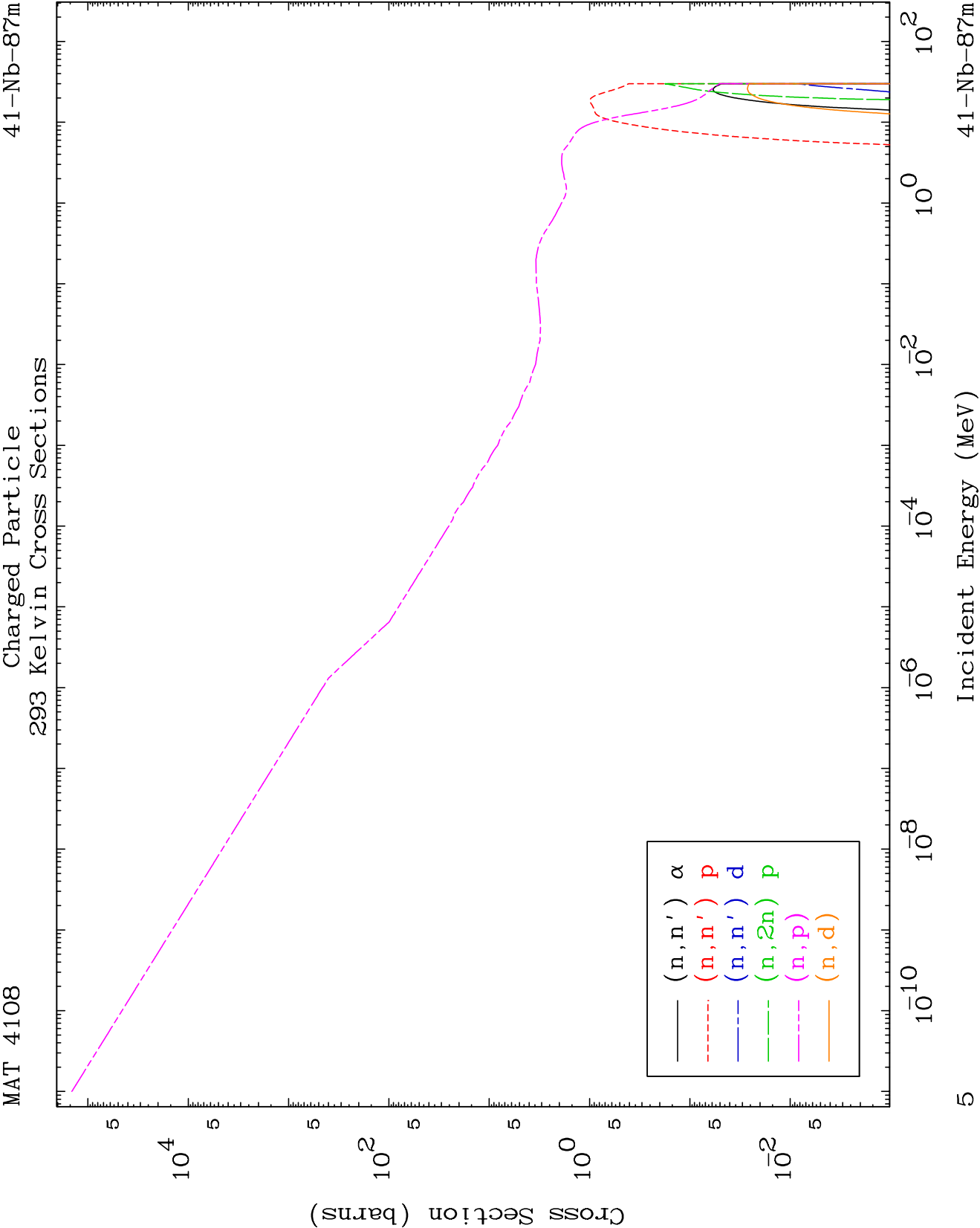
Incident Energy (MeV)

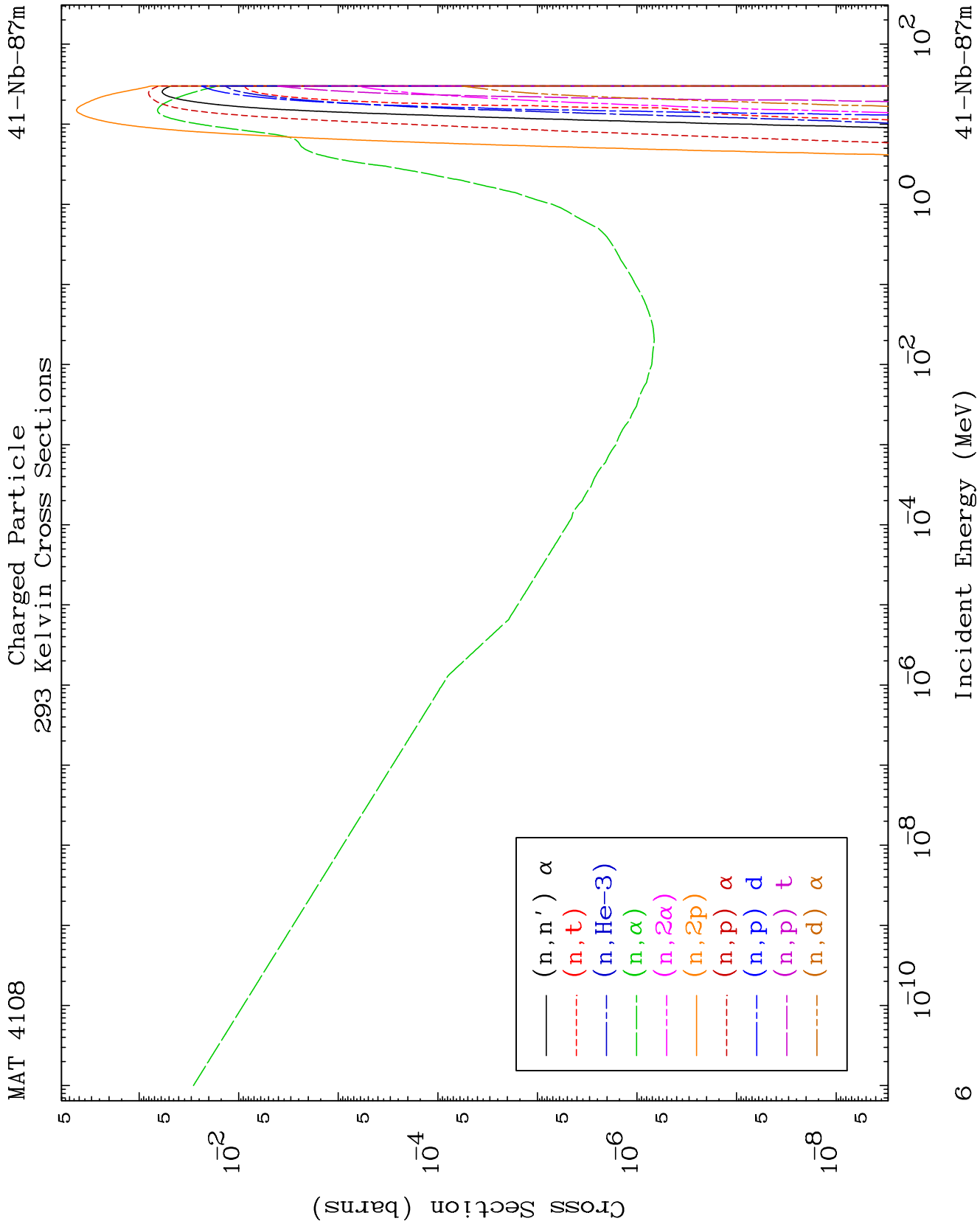
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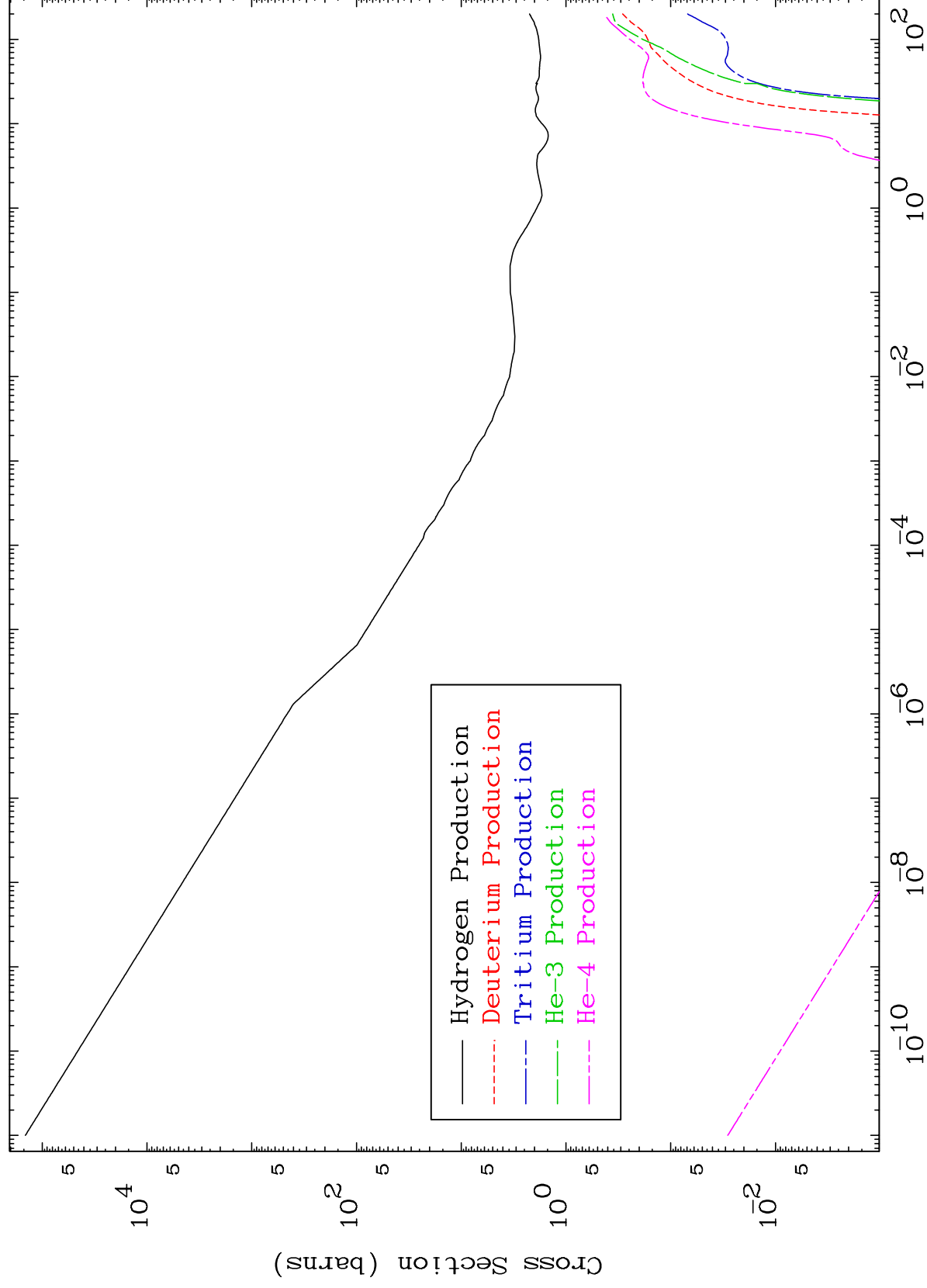


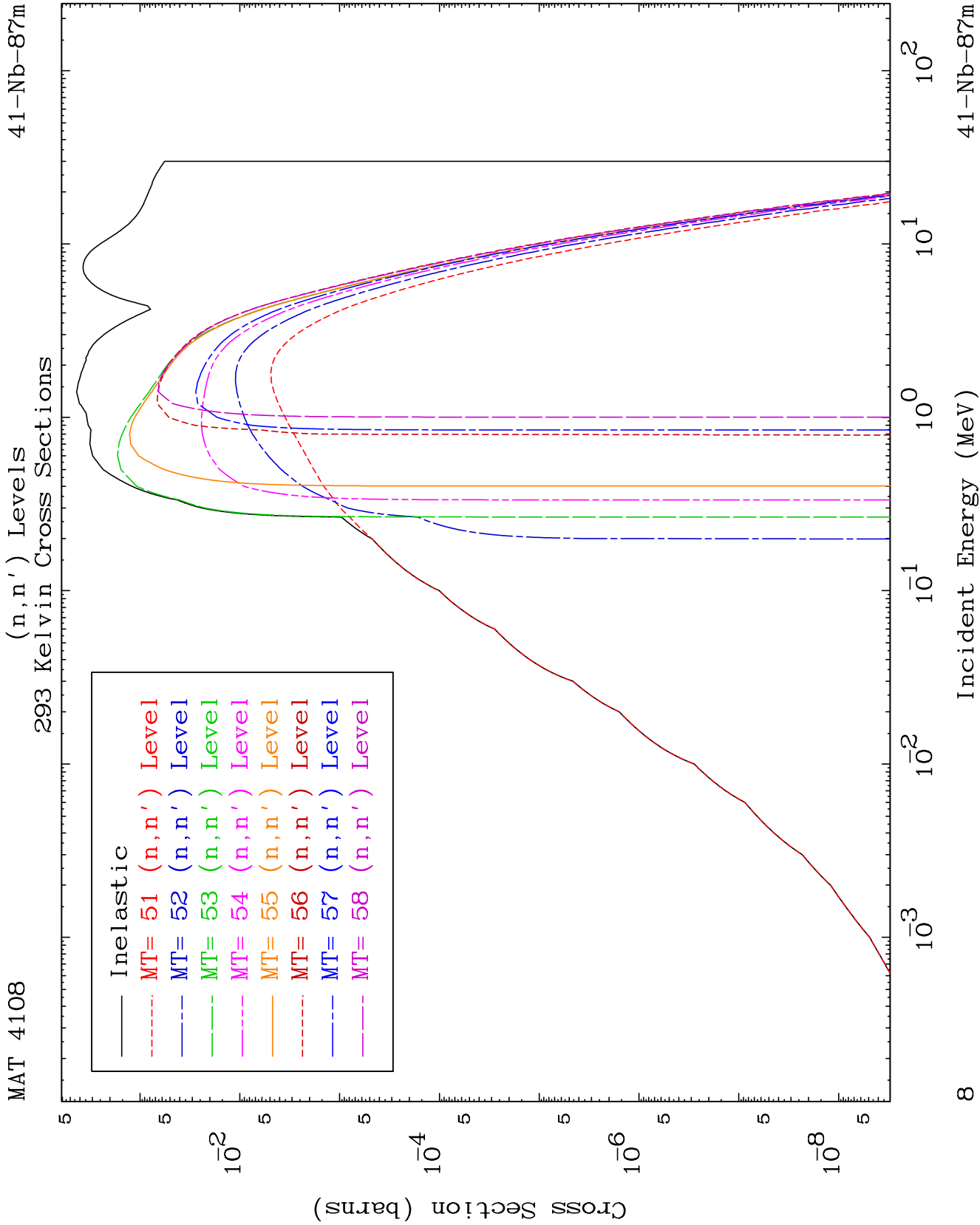


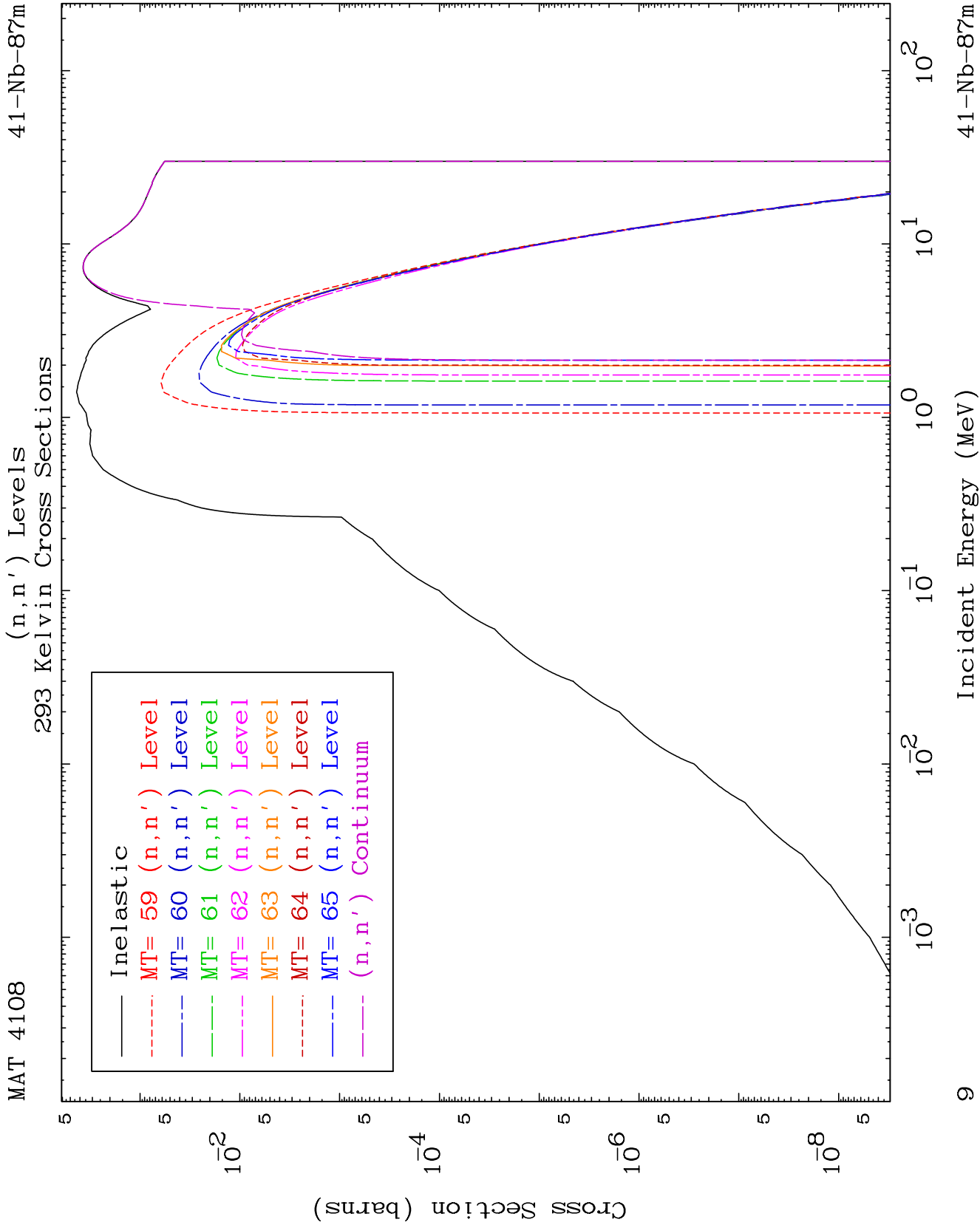
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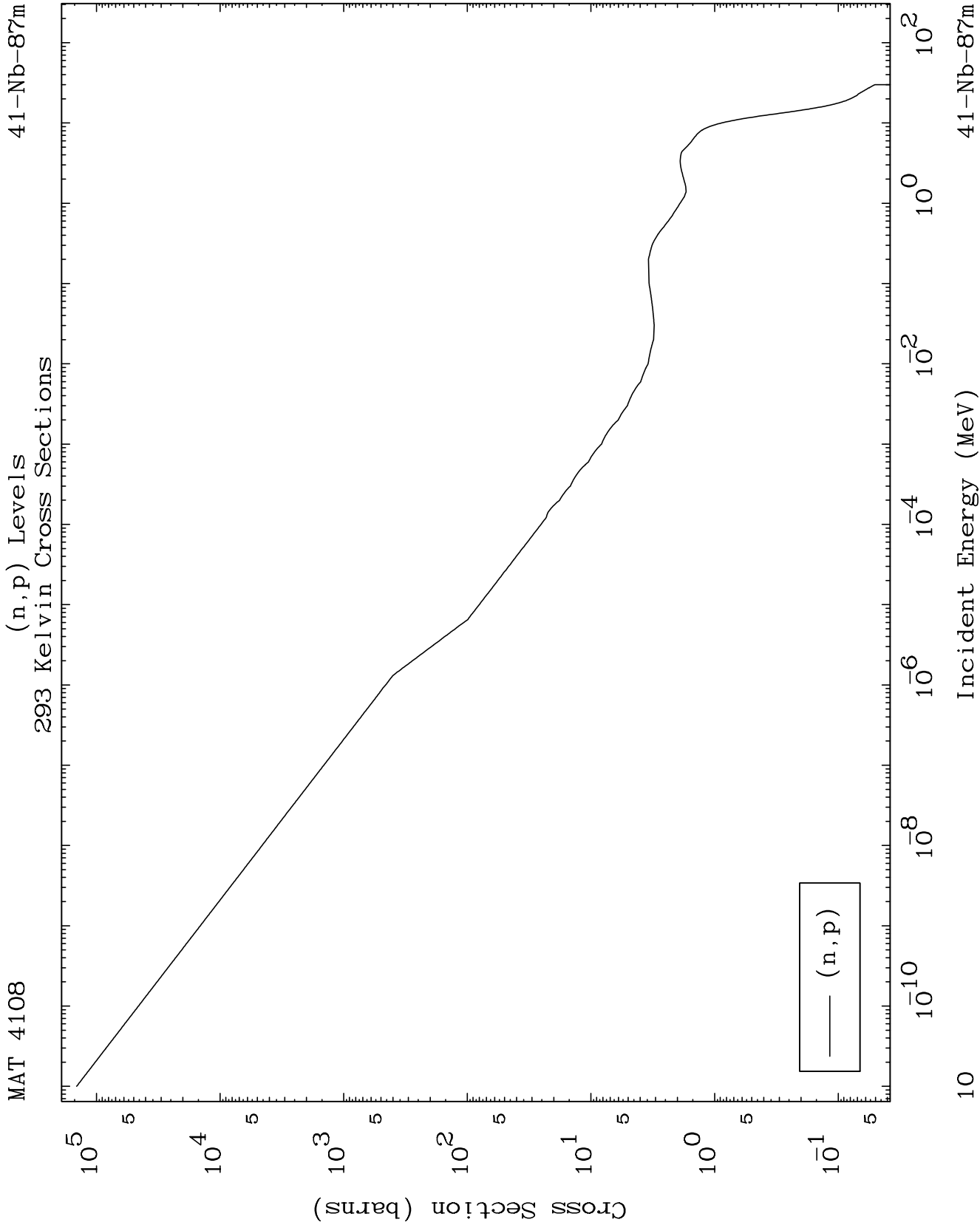
Particle Production
293 Kelvin Cross Sections

41-Nb-87m





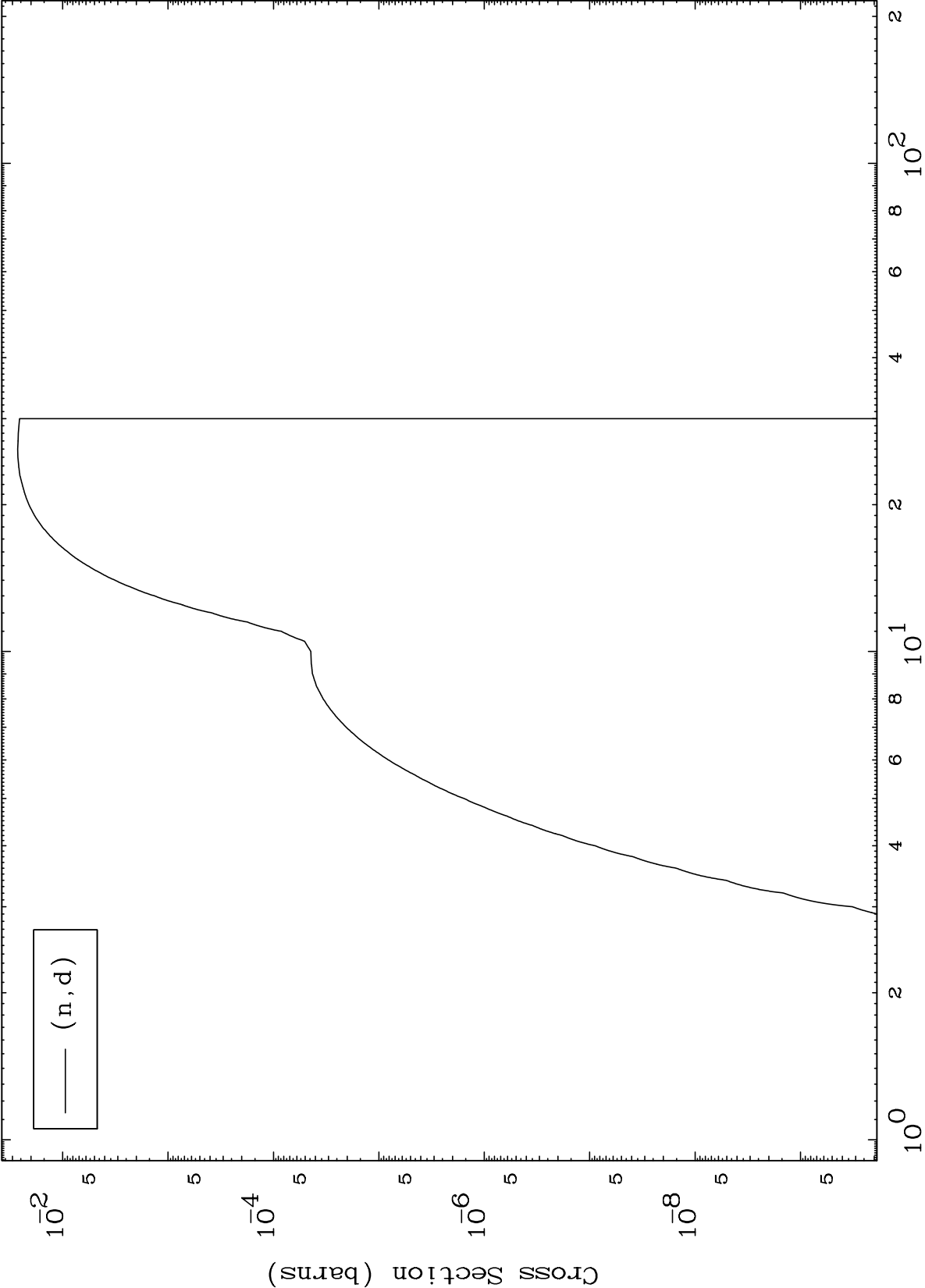




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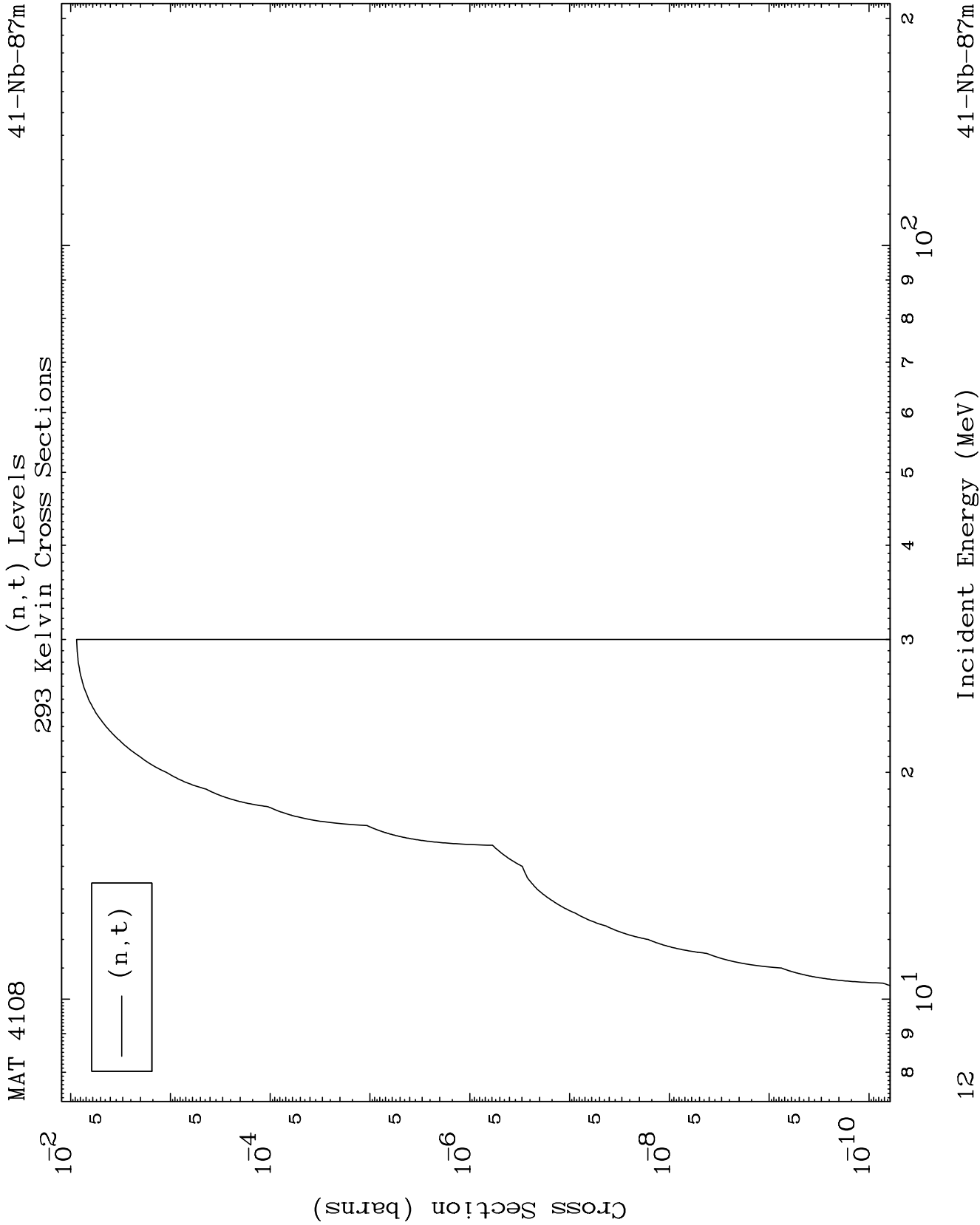
(n,d) Levels
293 Kelvin Cross Sections

41-Nb-87m



Incident Energy (MeV)

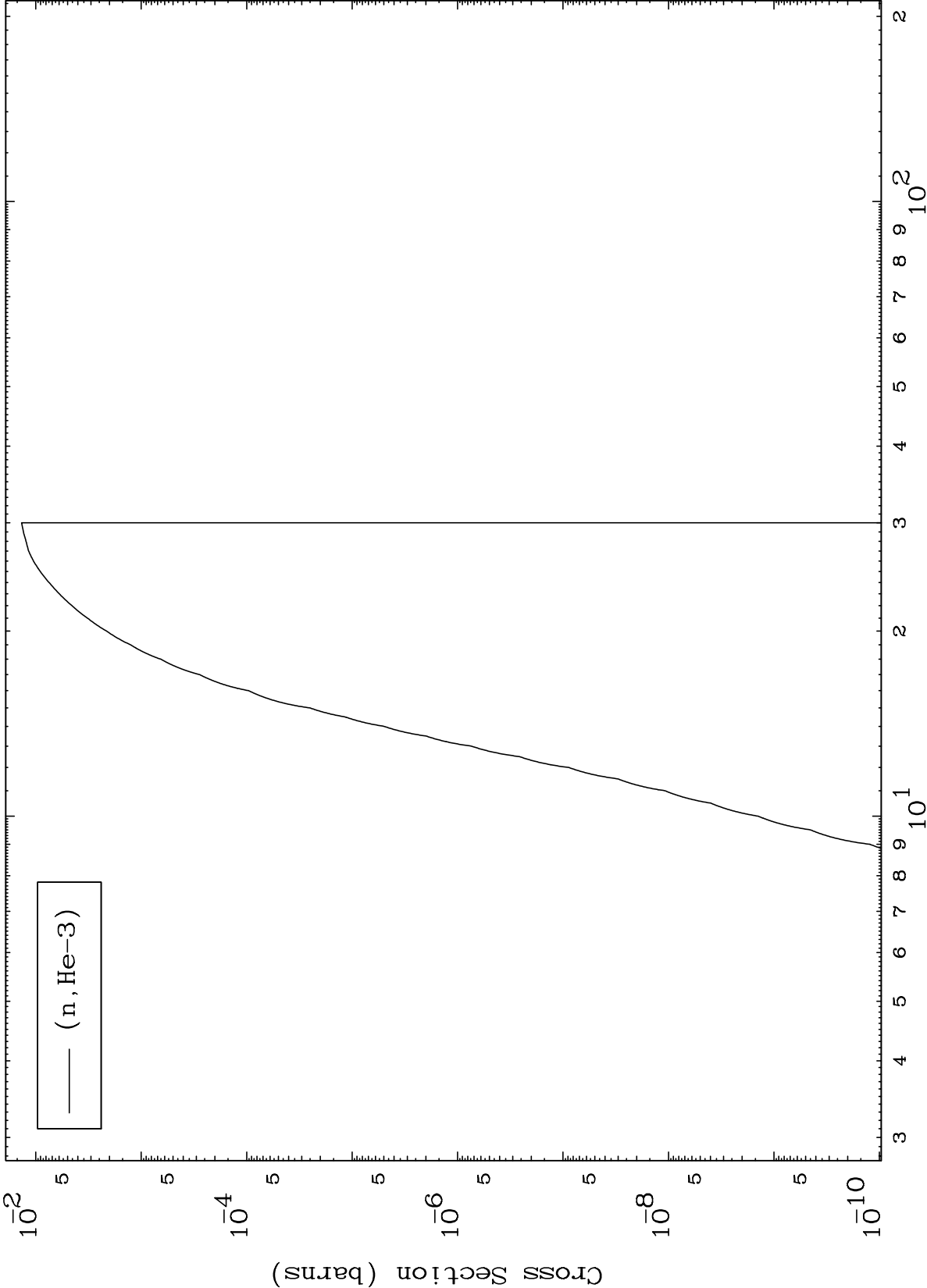
41-Nb-87m



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(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-87m



— (n, He-3)

13

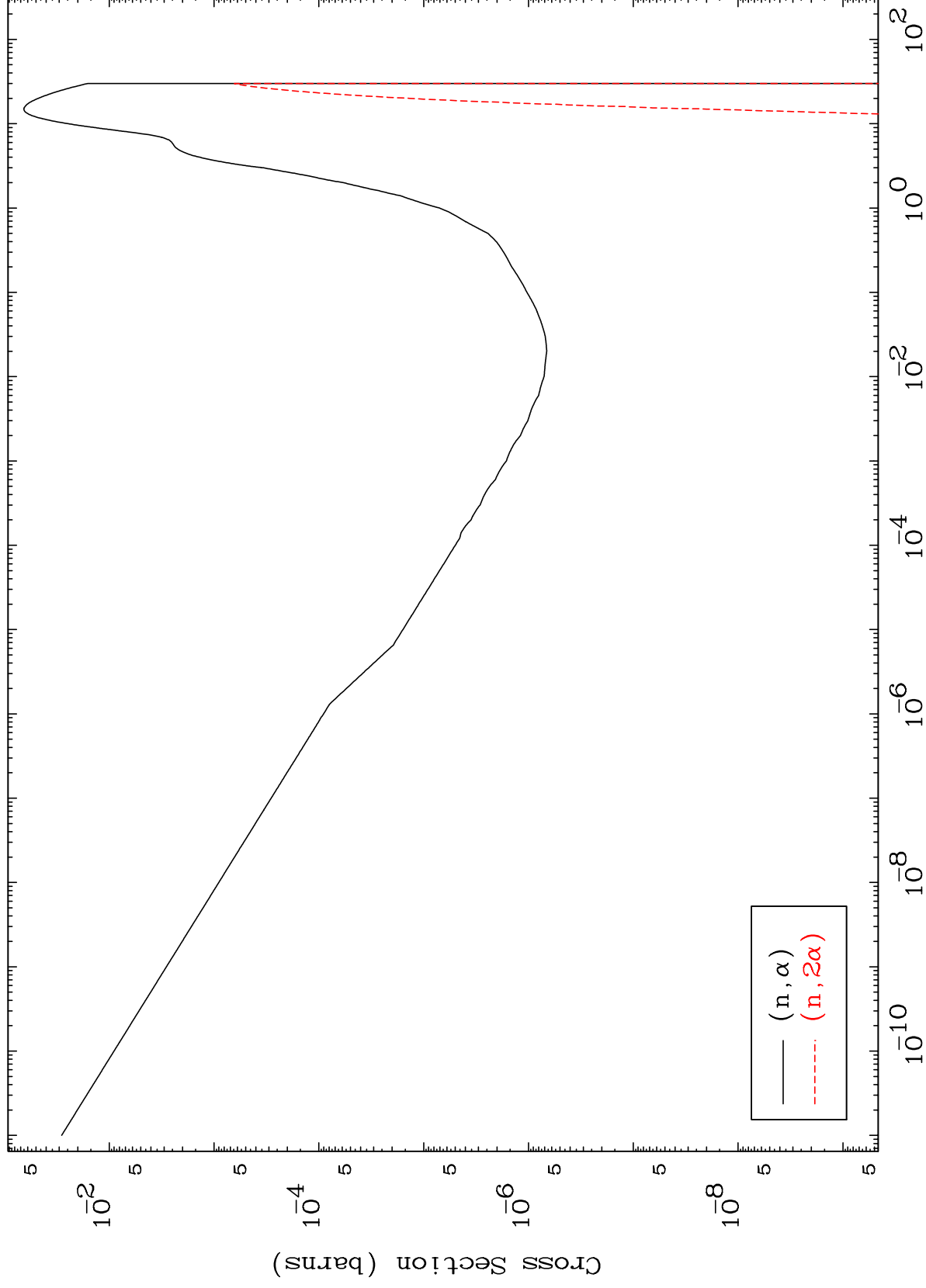
Incident Energy (MeV)

41-Nb-87m

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(n, α) Levels
293 Kelvin Cross Sections

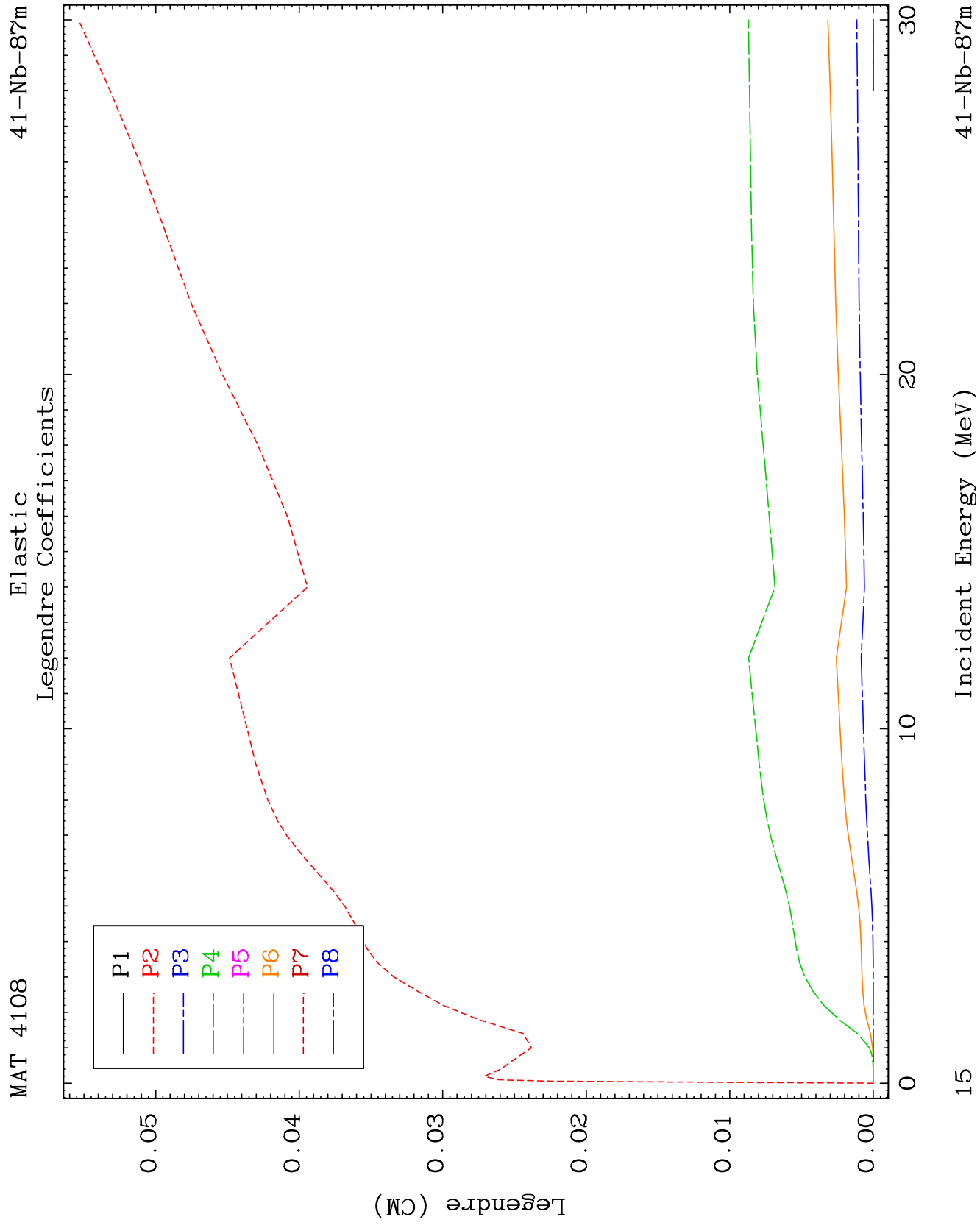
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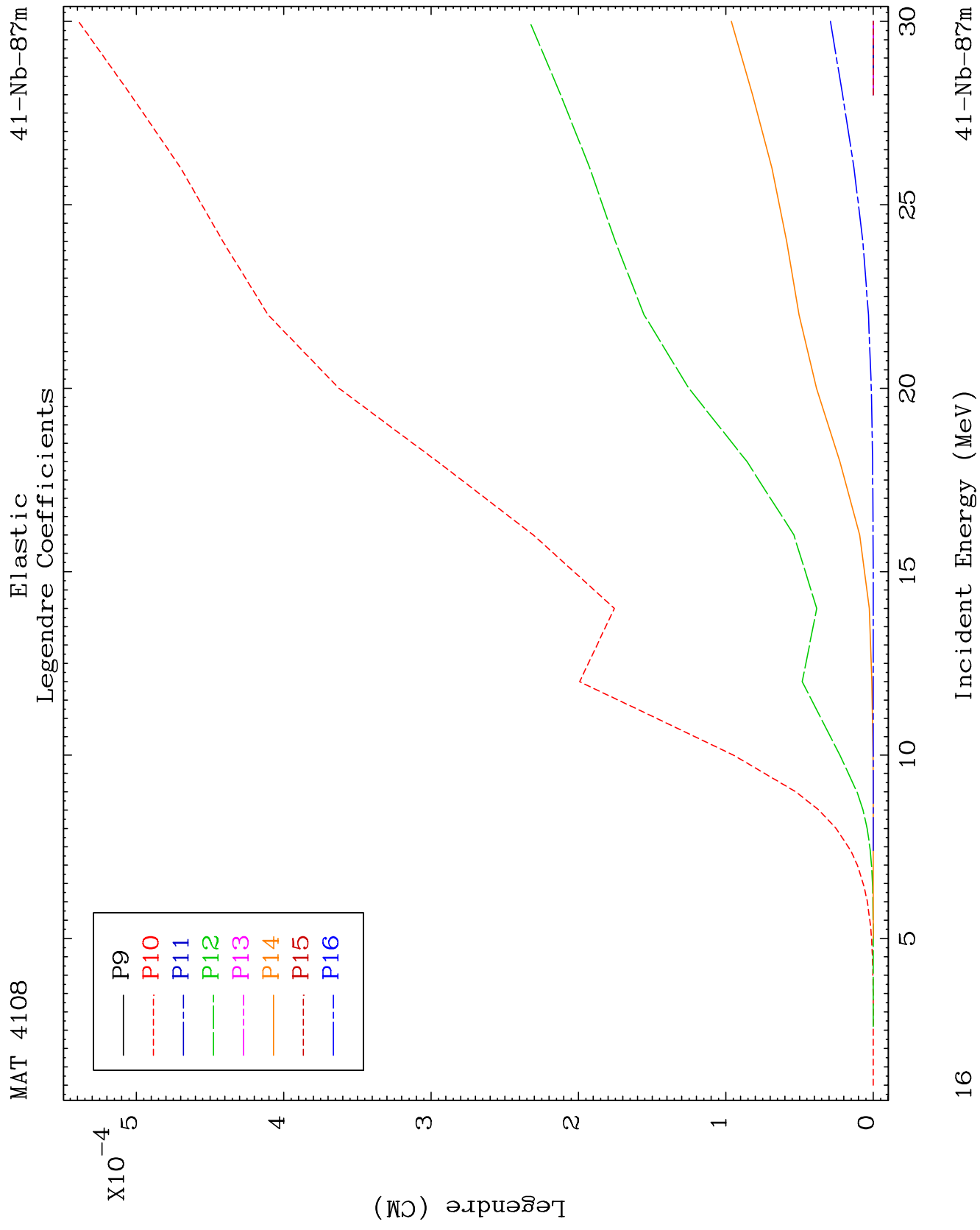


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Incident Energy (MeV)

41-Nb-87m

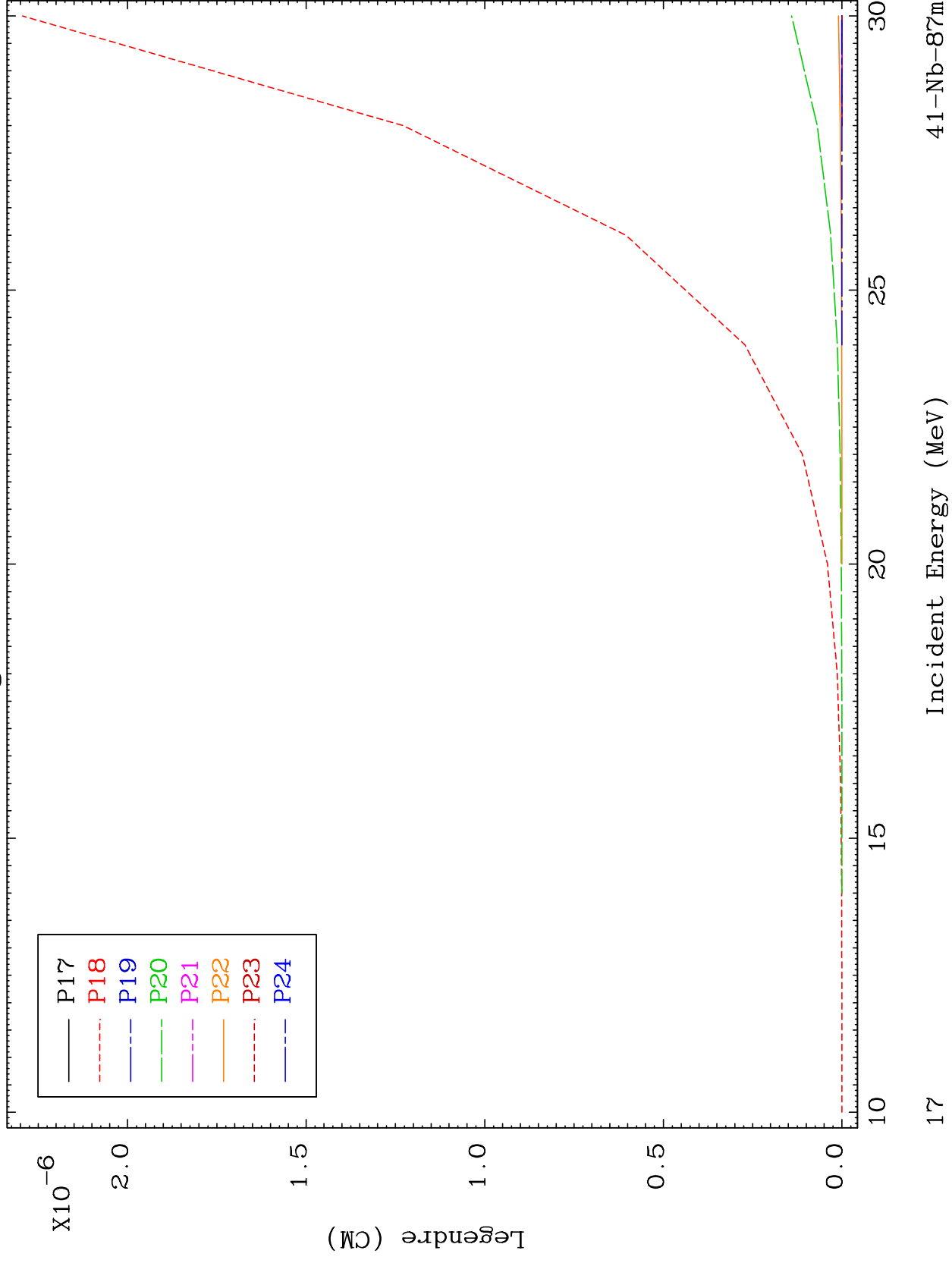




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Elastic Legendre Coefficients

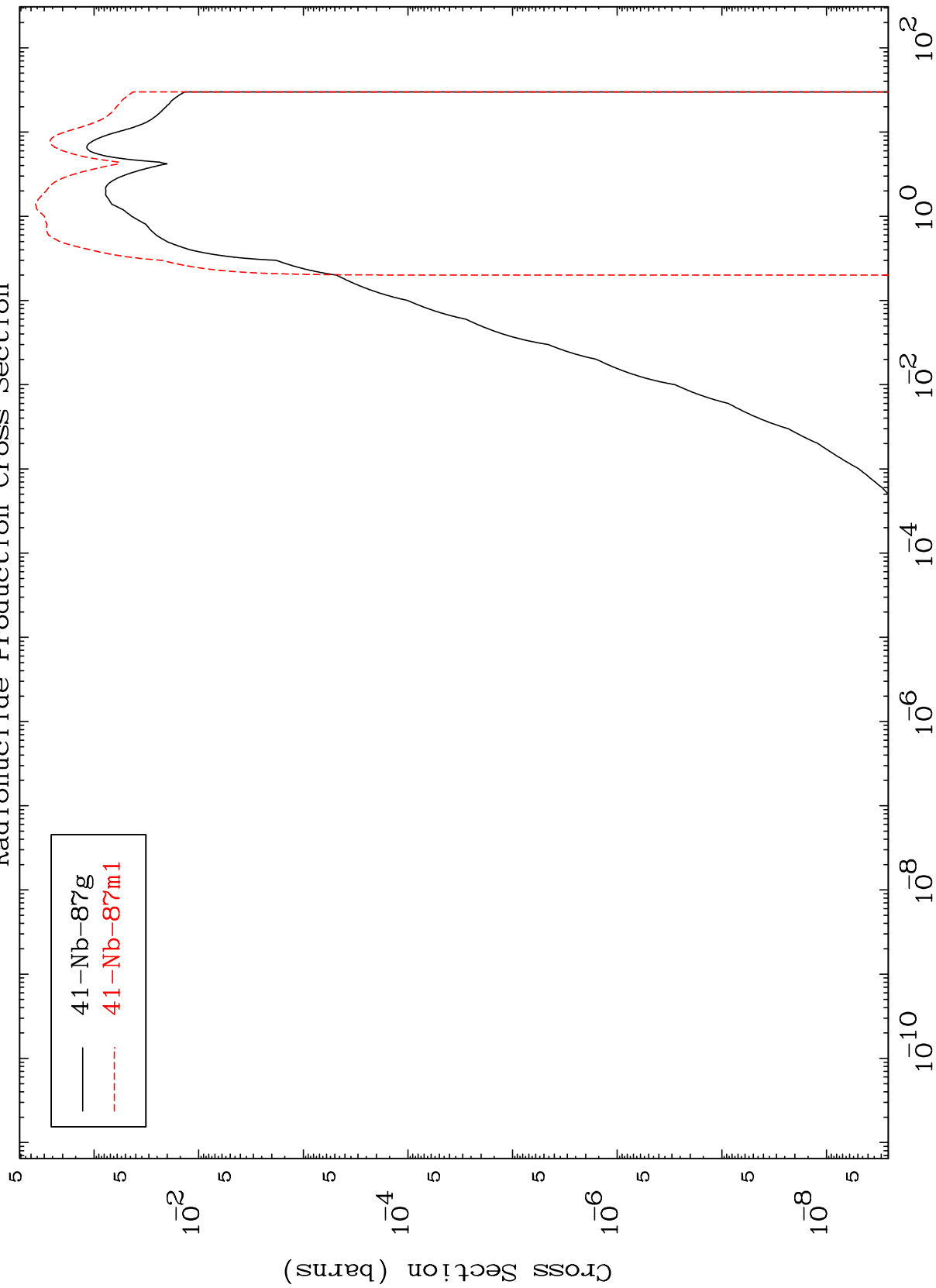
41-Nb-87m



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41-Nb-87m

Inelastic
Radionuclide Production Cross Section



18

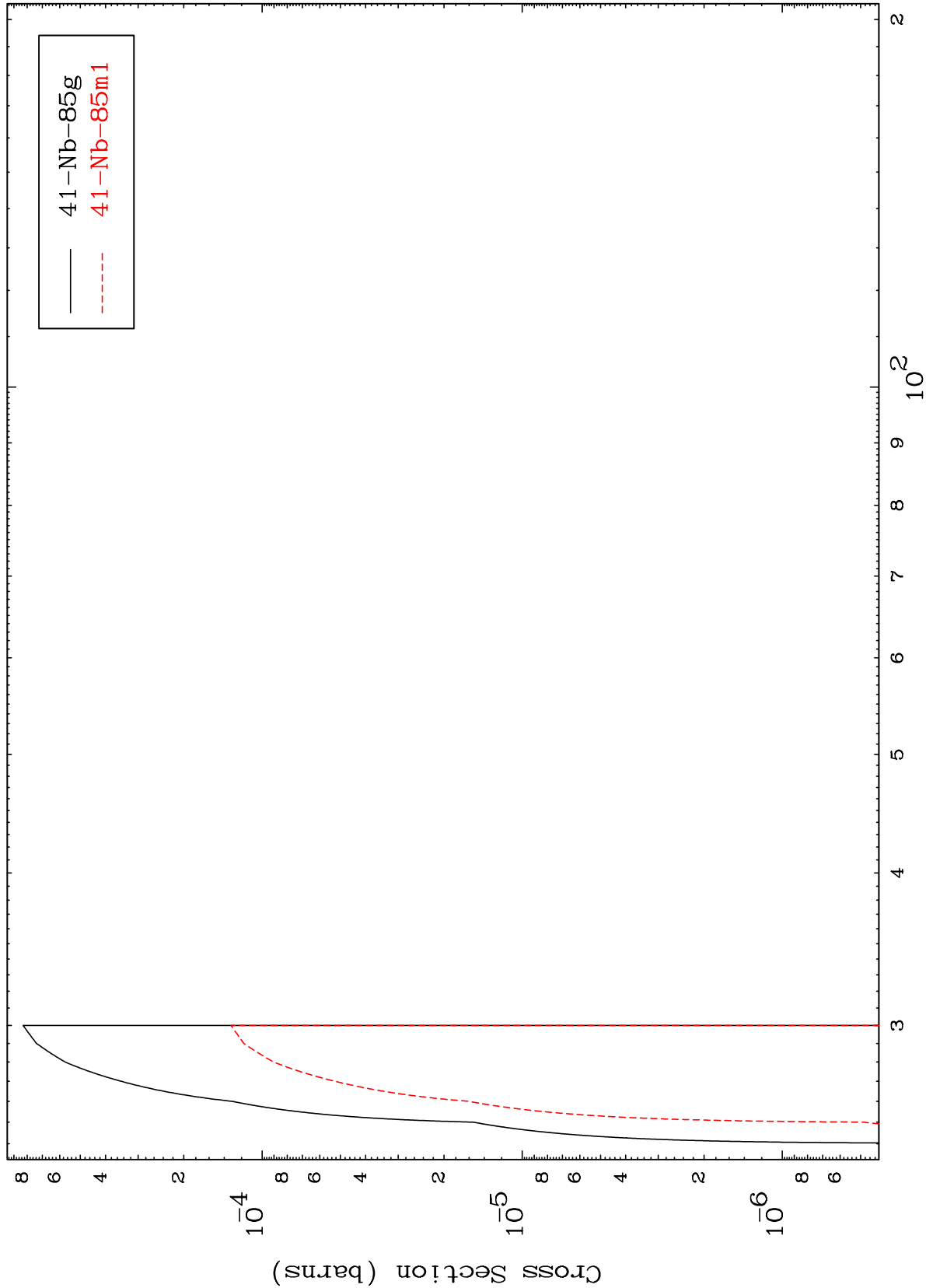
Incident Energy (MeV)

41-Nb-87m

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41-Nb-87m

(n,3n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

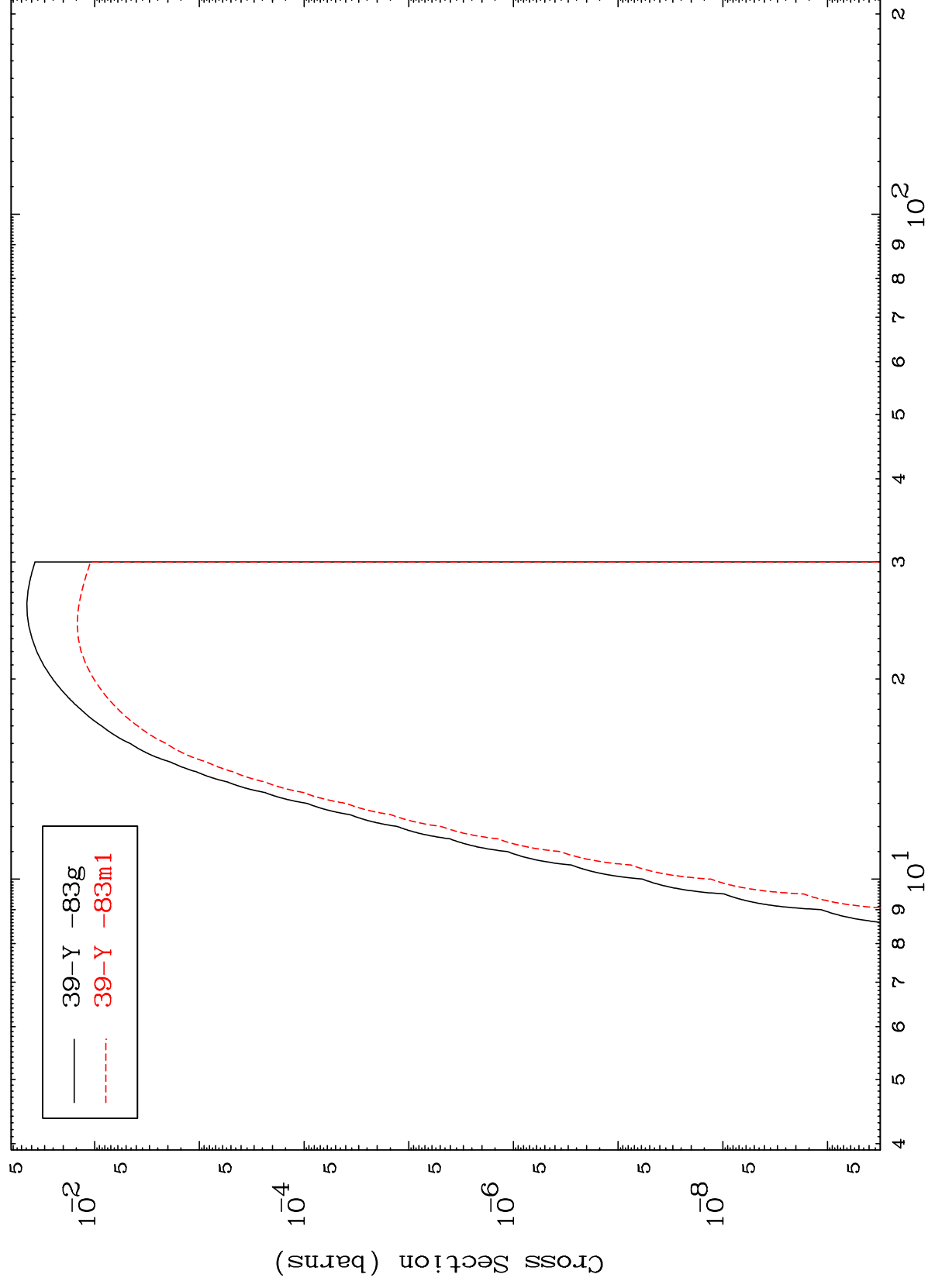
41-Nb-87m

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41-Nb-87m

$$(n, n') \propto$$

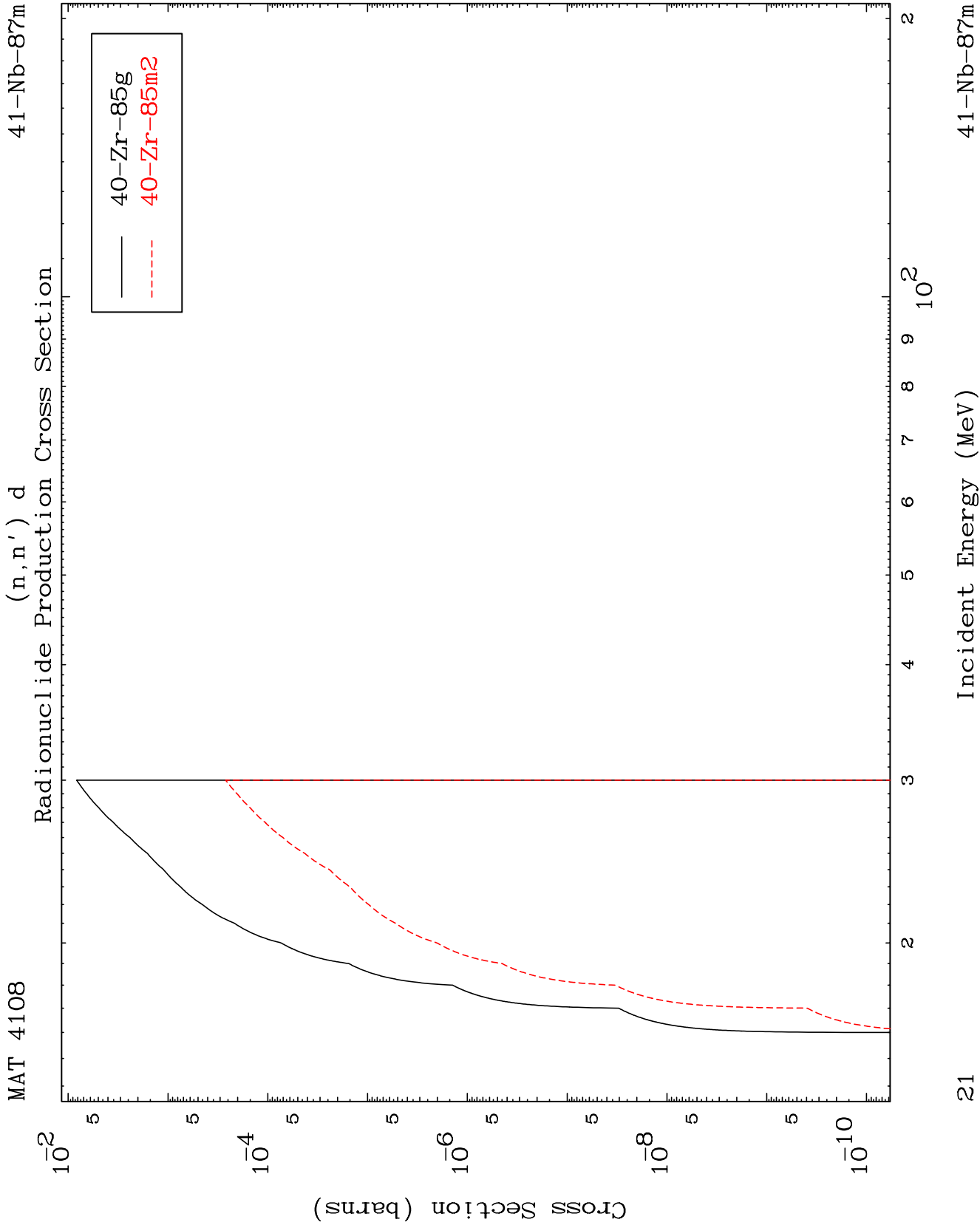
Radionuclide Production Cross Section



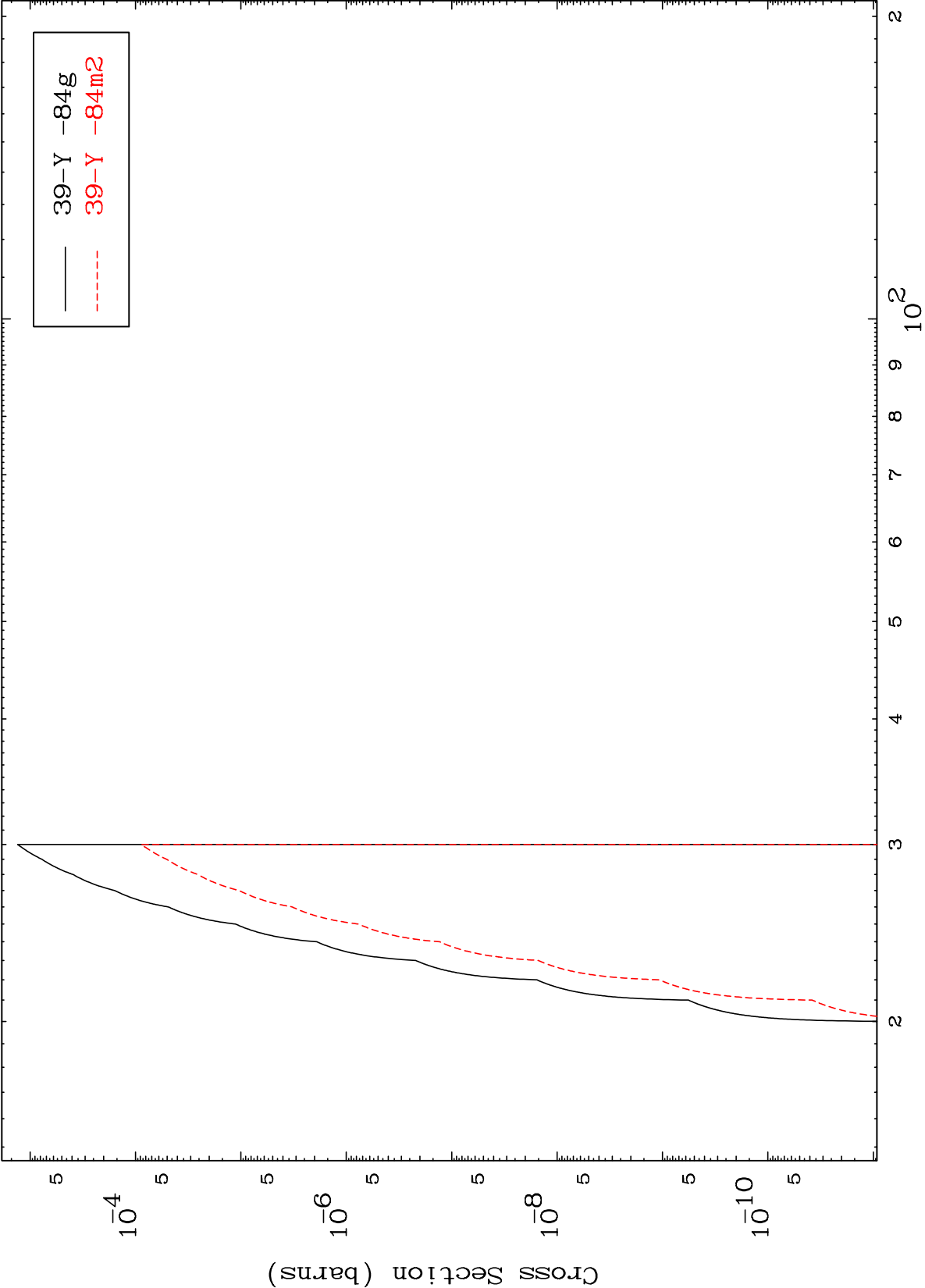
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Incident Energy (MeV)

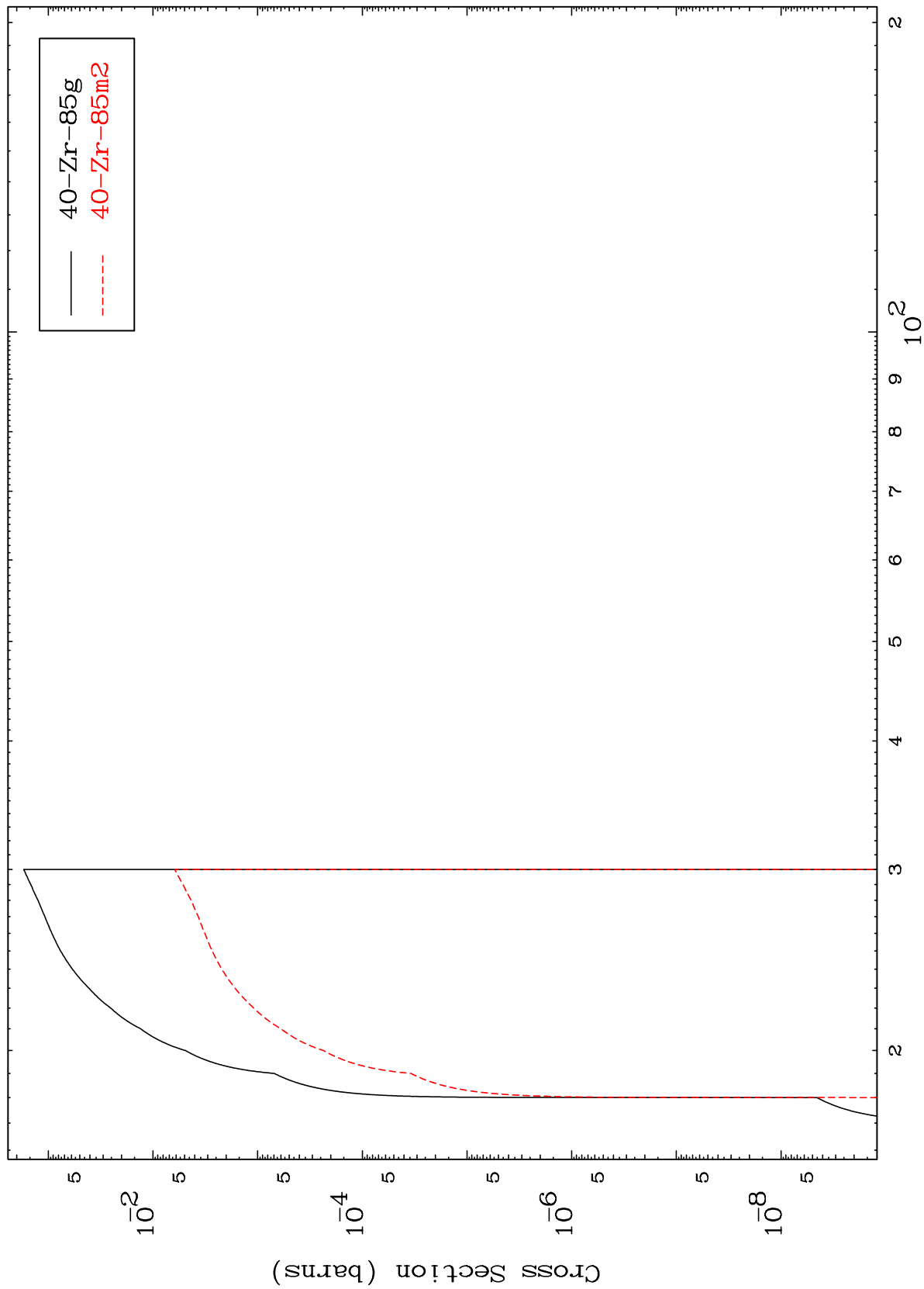
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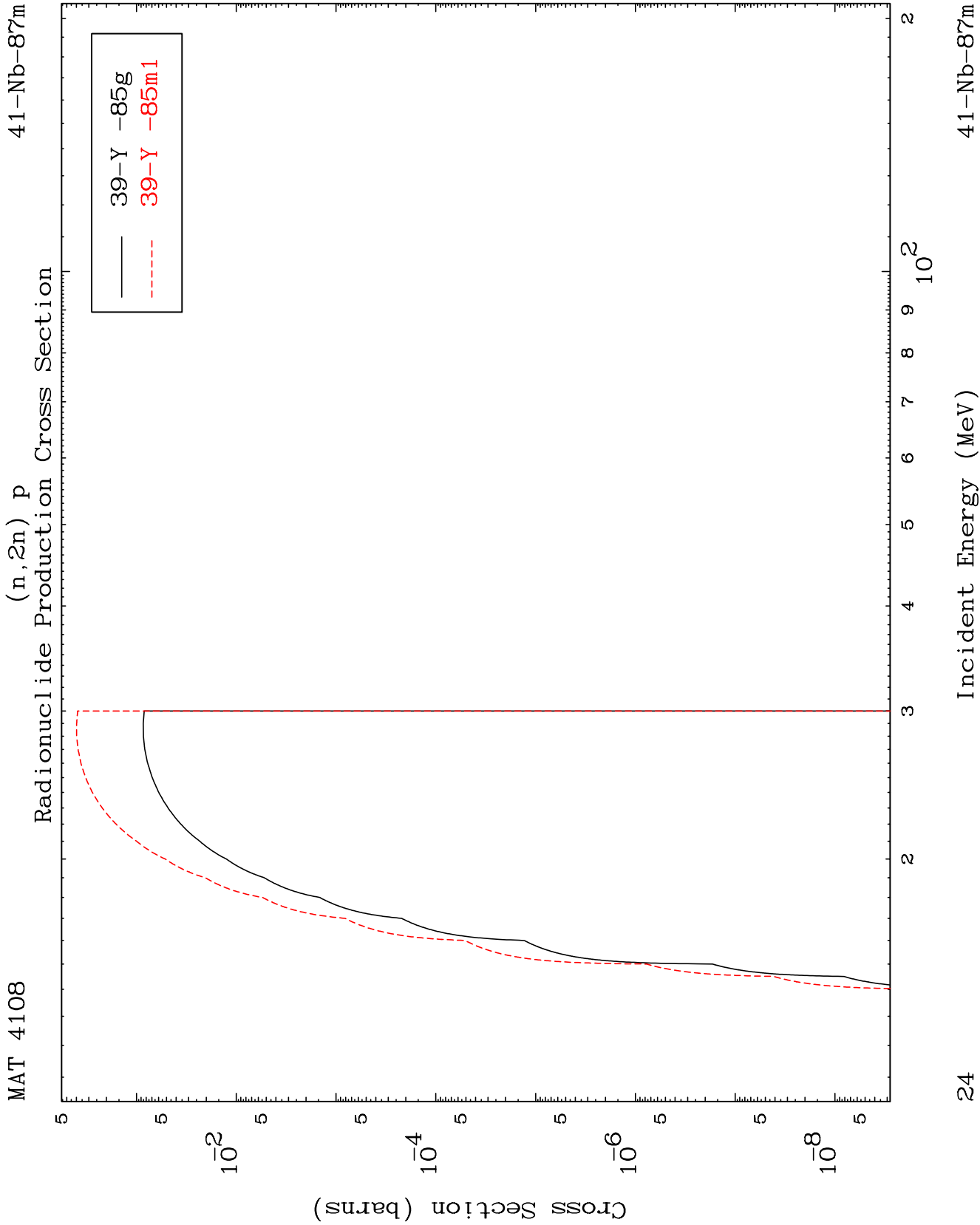


Radionuclide Production Cross Section



(n,2n) p
Radionuclide Production Cross Section

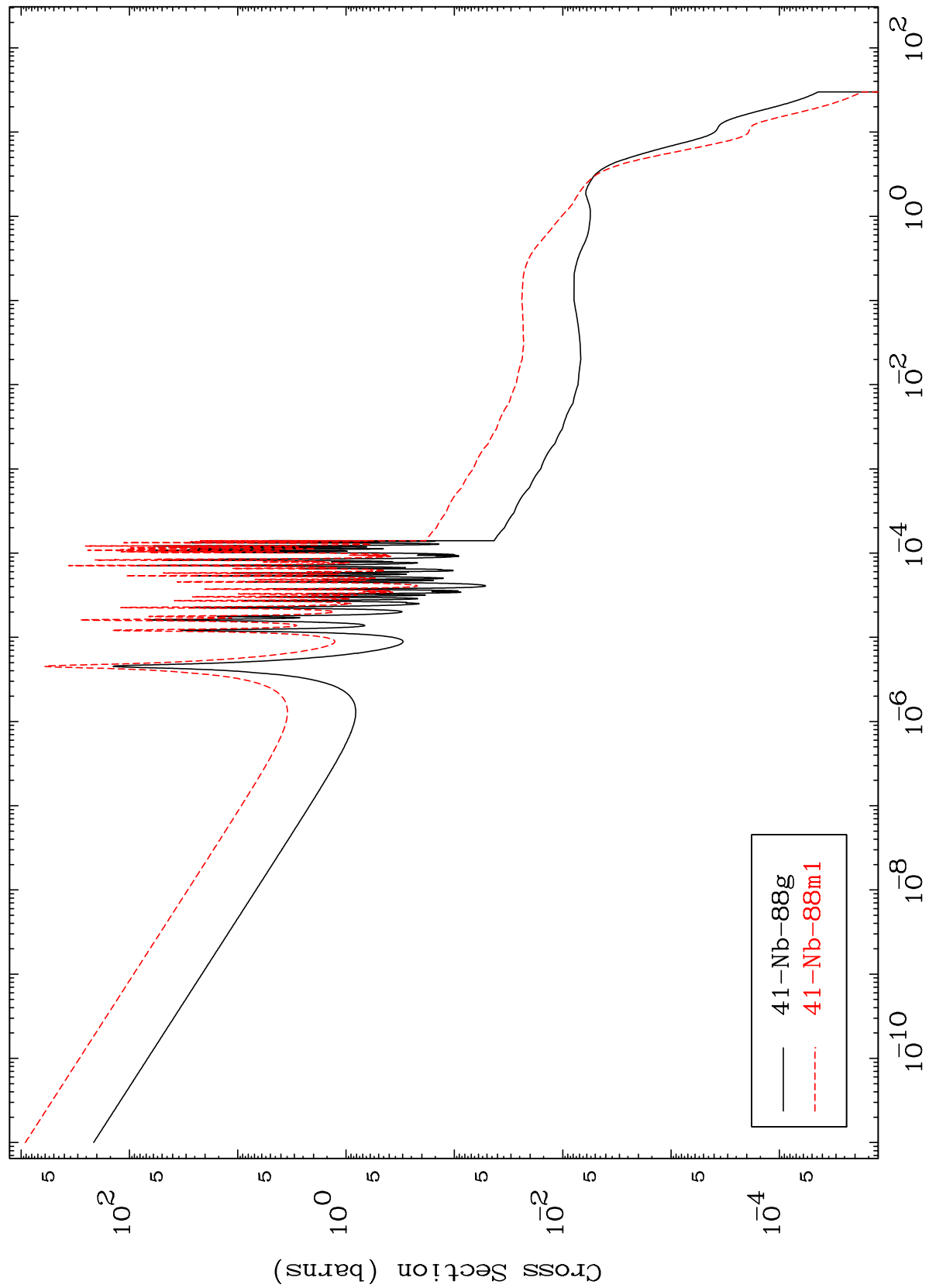


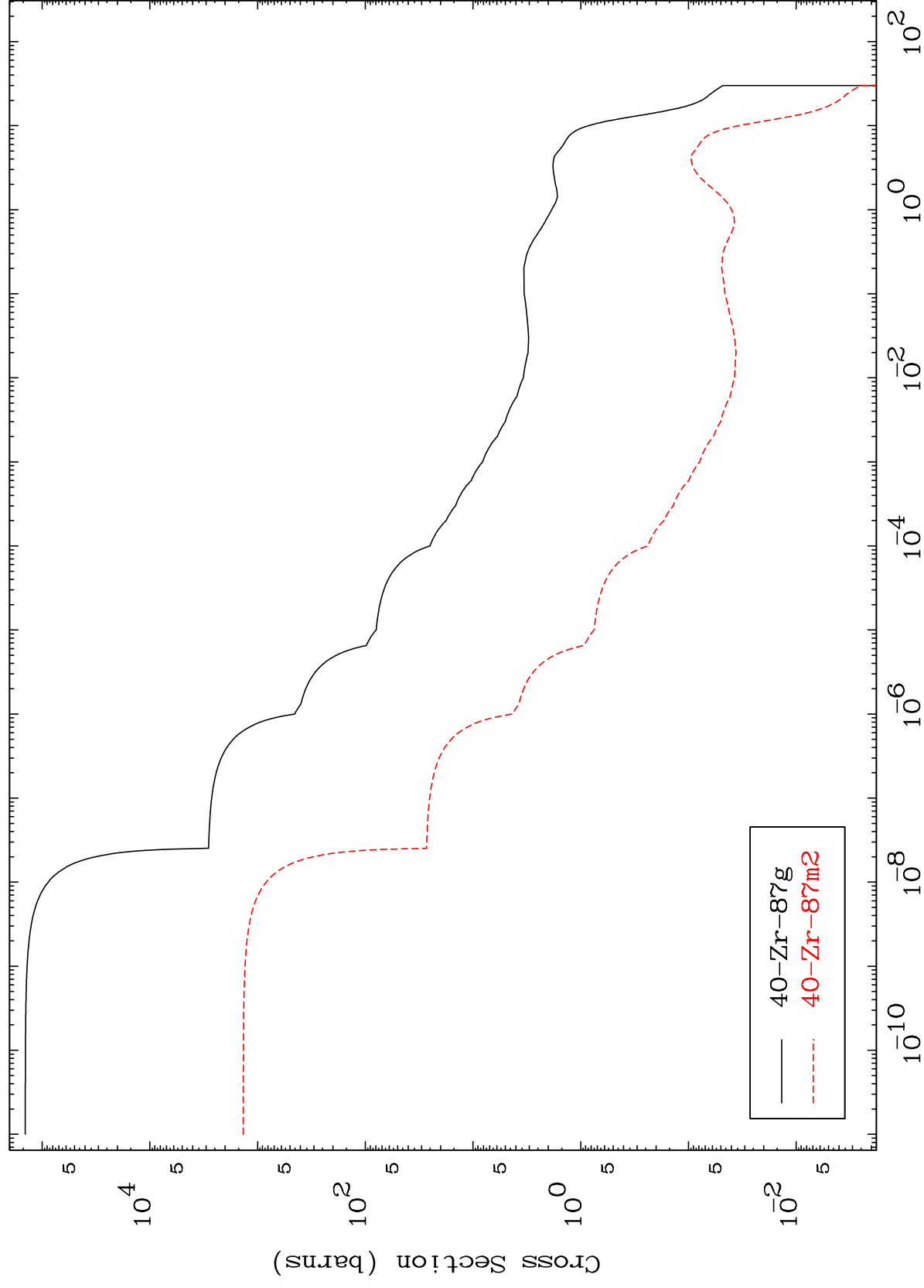


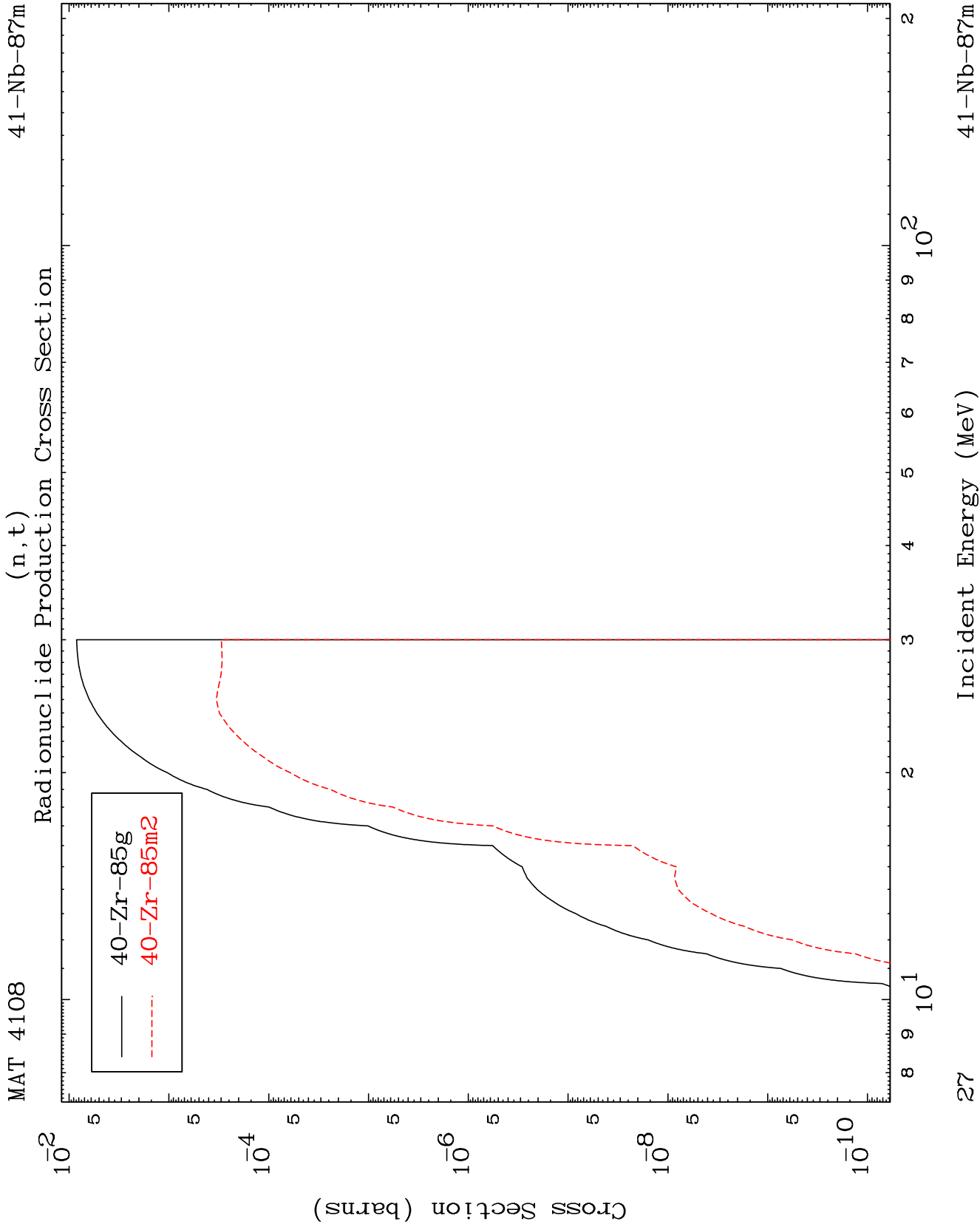
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41-Nb-87m

(n, γ)
Radionuclide Production Cross Section



(n,p)
Radionuclide Production Cross Section

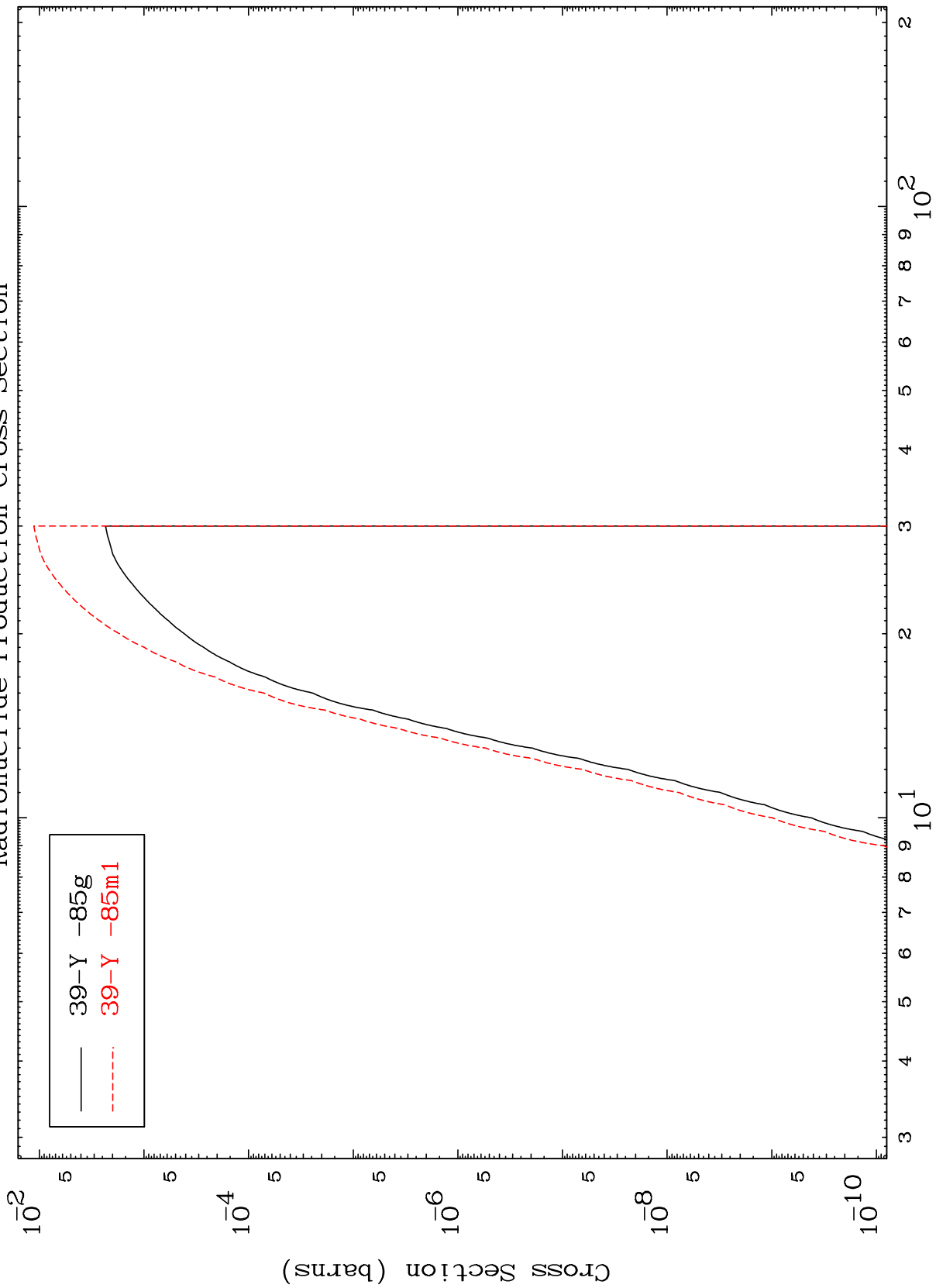


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(n,He-3)

41-Nb-87m

Radionuclide Production Cross Section



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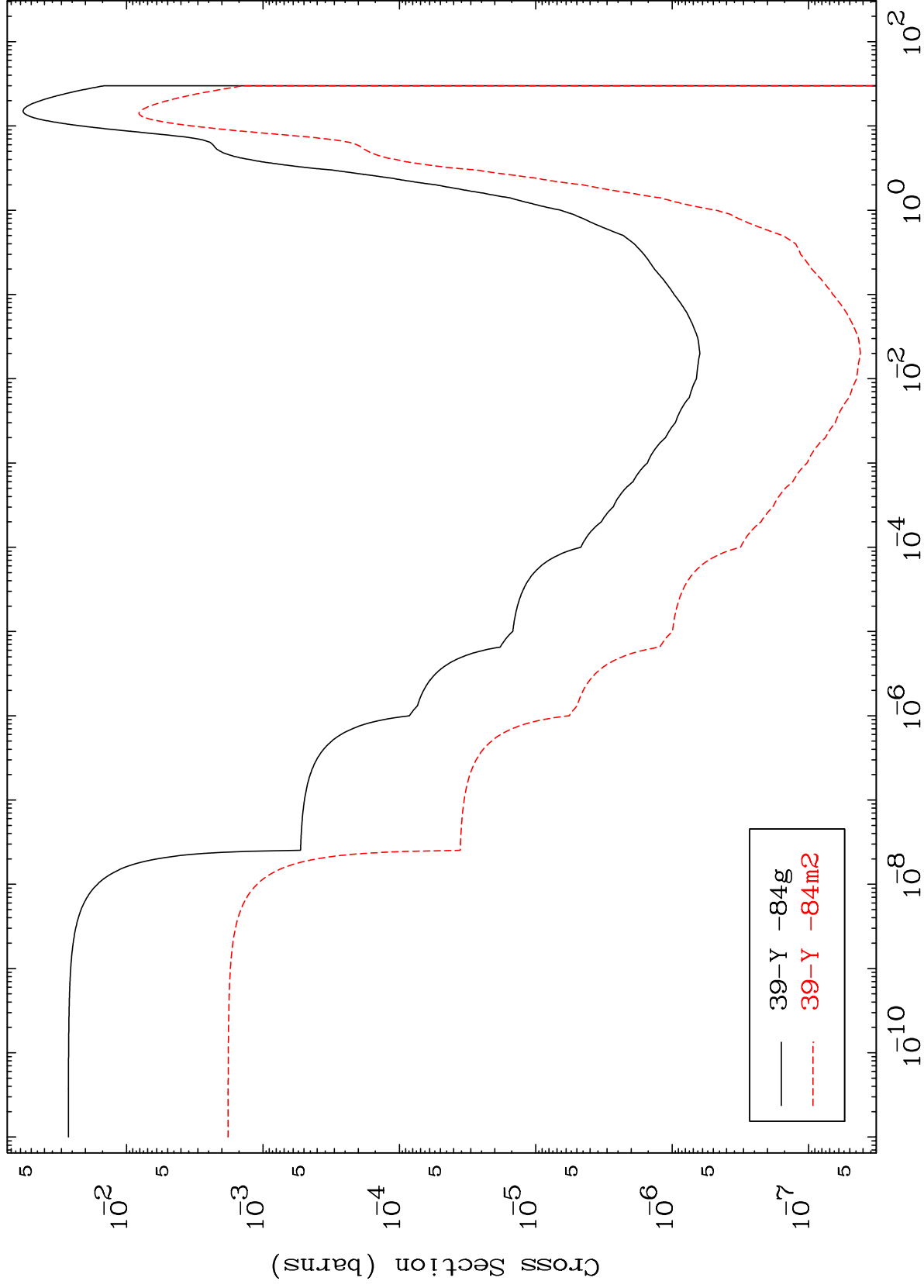
Incident Energy (MeV)

41-Nb-87m

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41-Nb-87m

Radionuclide Production Cross Section
(n, α)



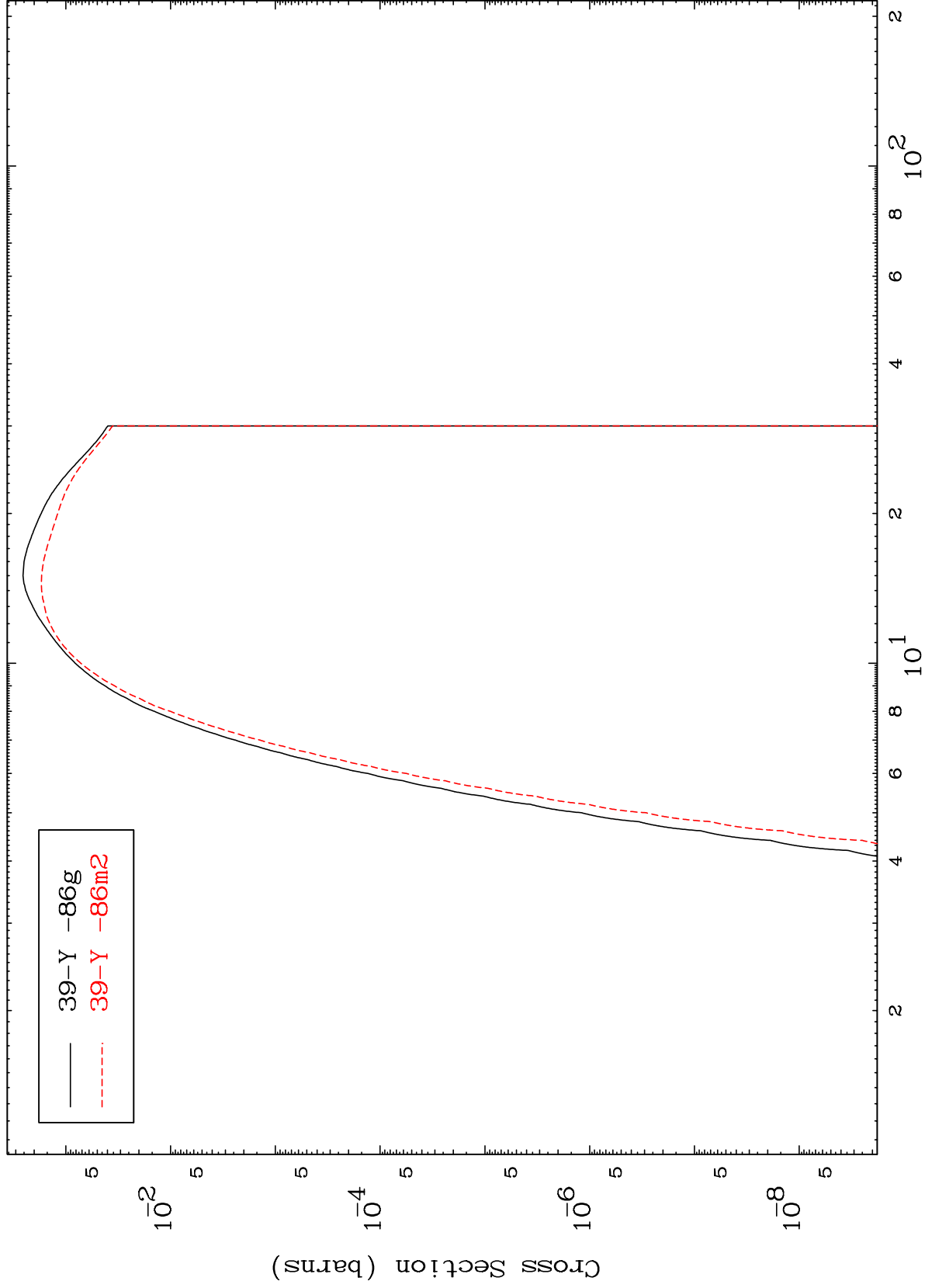
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41-Nb-87m

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41-Nb-87m

Radionuclide Production Cross Section
(n,2p)

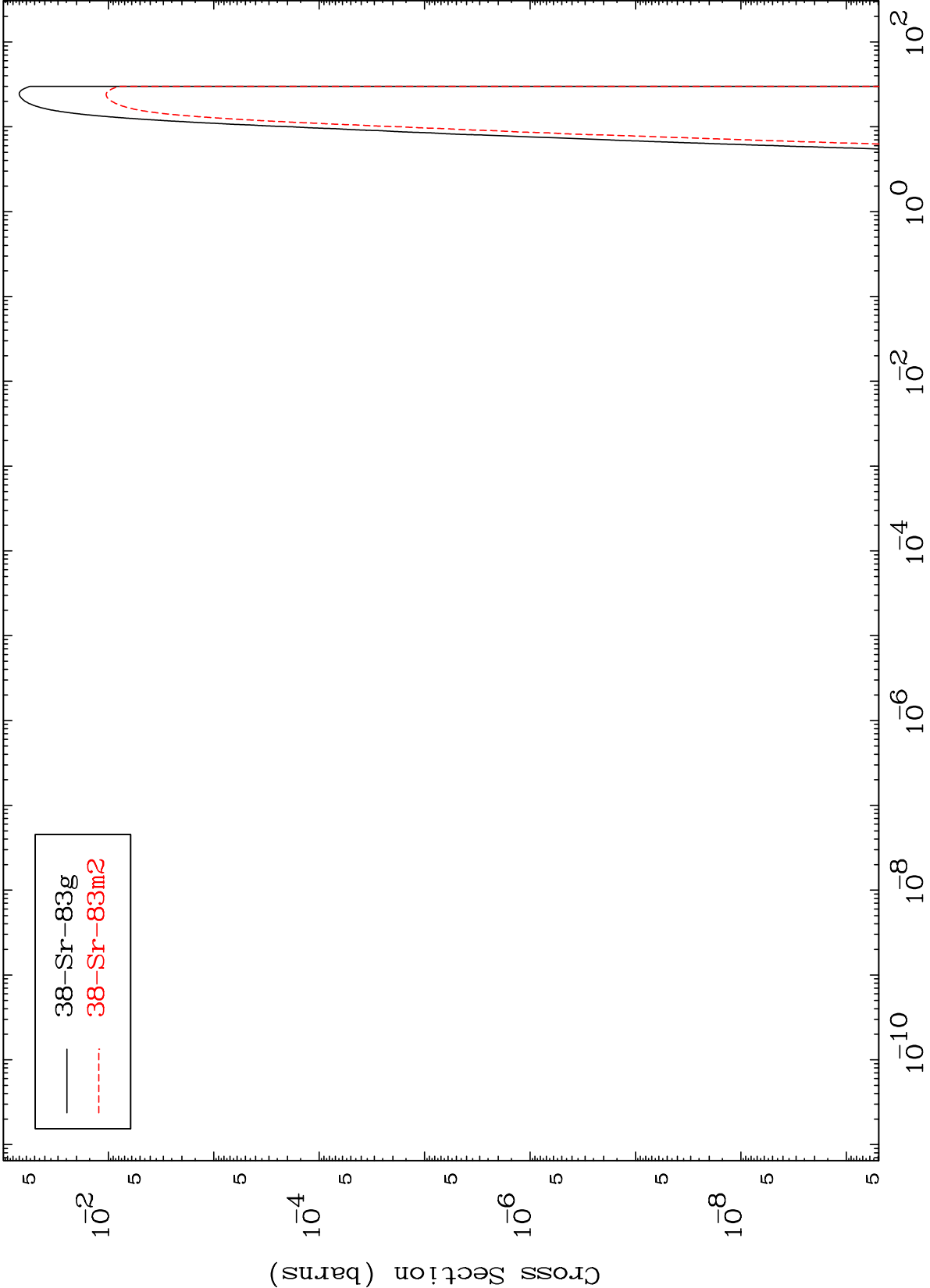


30

Incident Energy (MeV)

41-Nb-87m

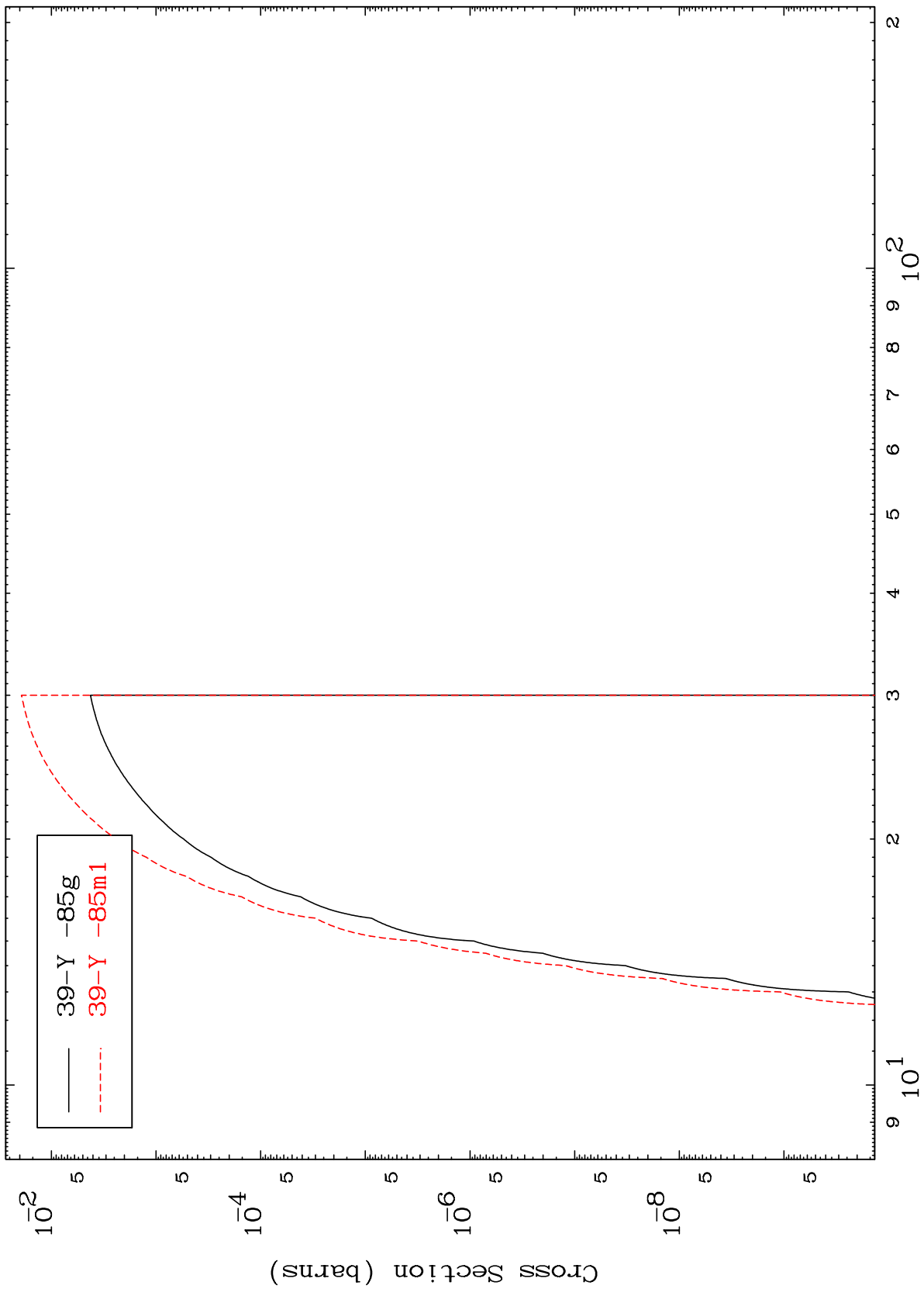
Radionuclide Production Cross Section



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41-Nb-87m

(n,p) d
Radionuclide Production Cross Section



41-Nb-87m

Incident Energy (MeV)

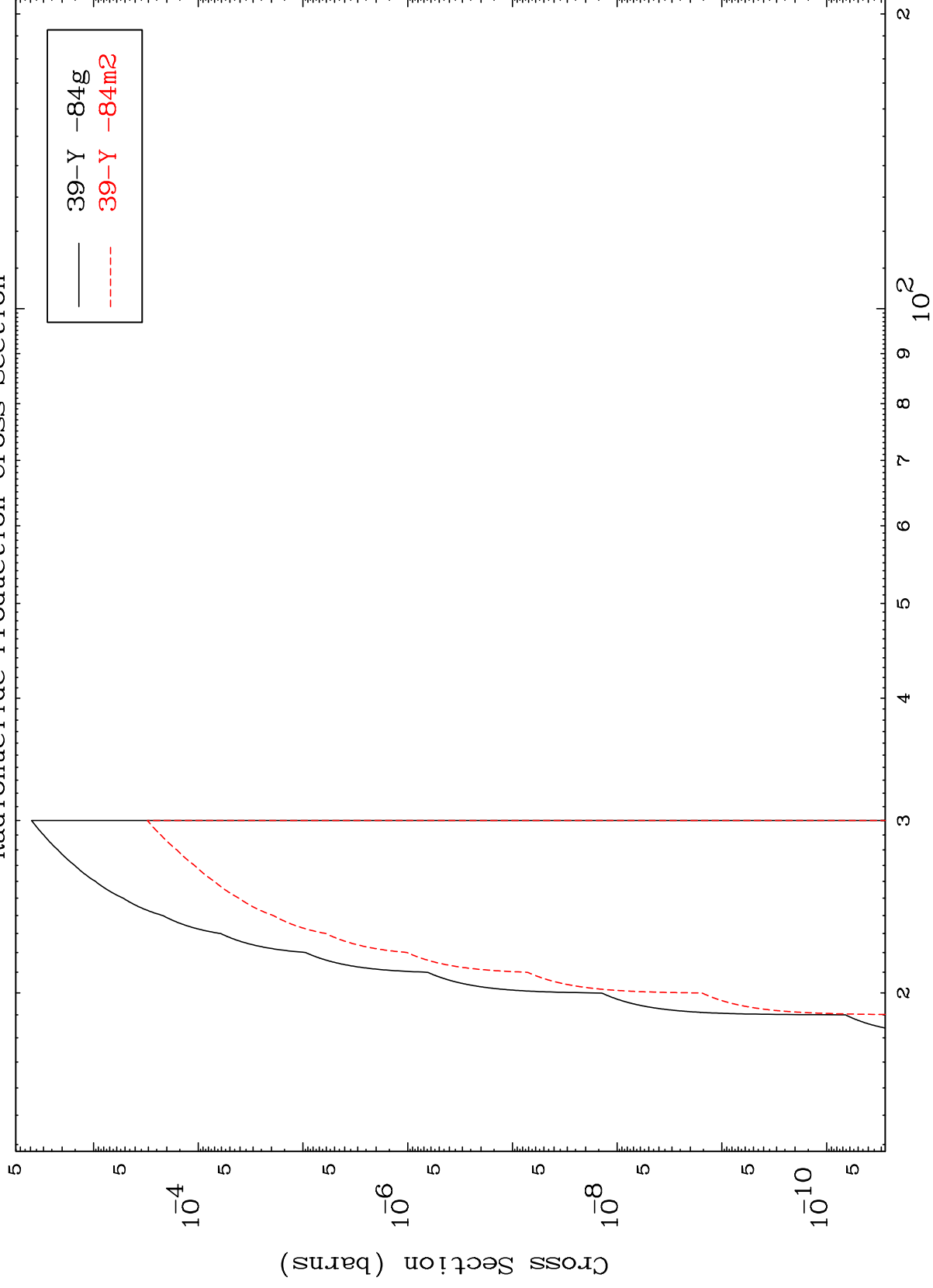
32

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(n,p) t

41-Nb-87m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

41-Nb-87m